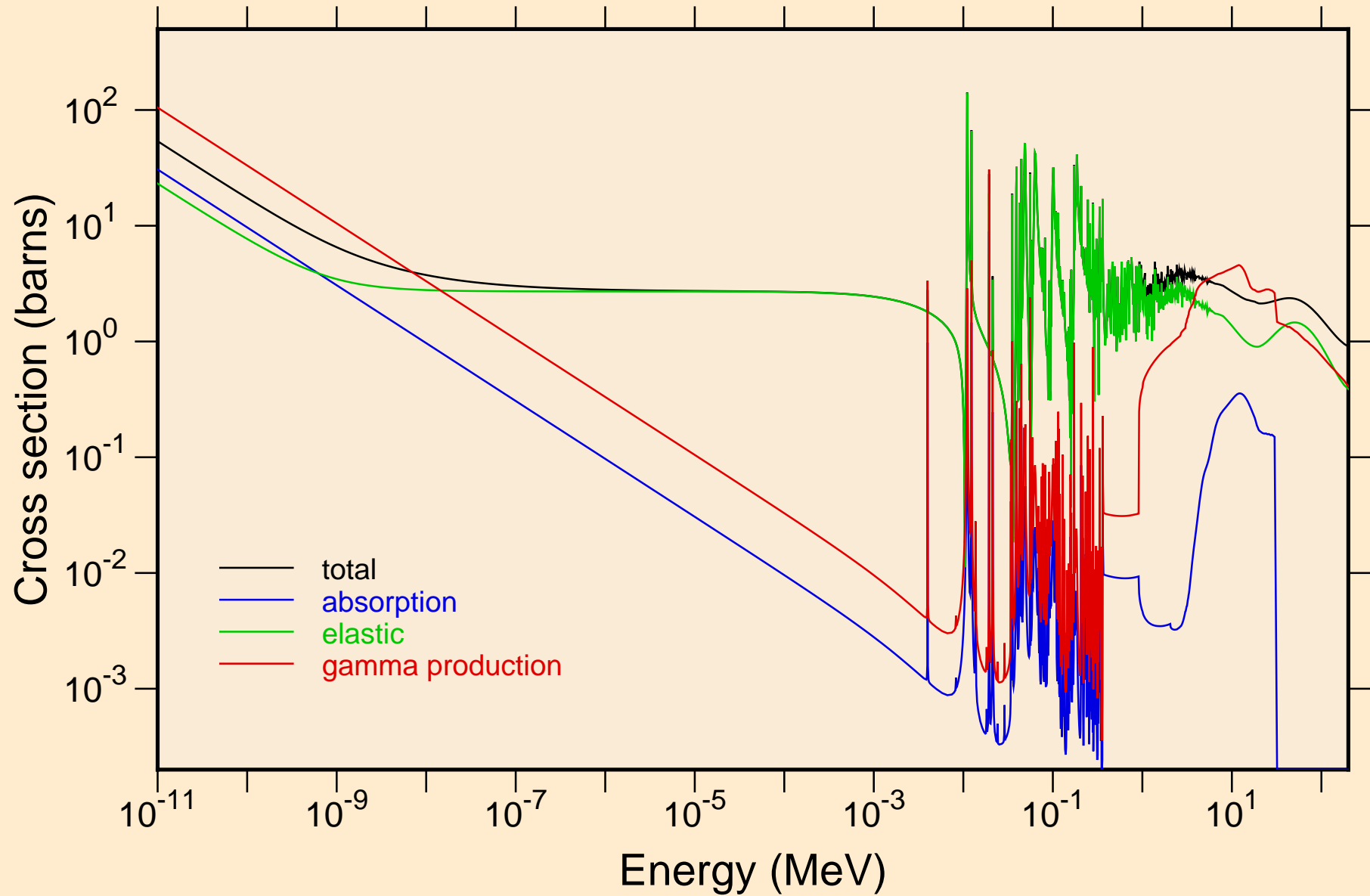
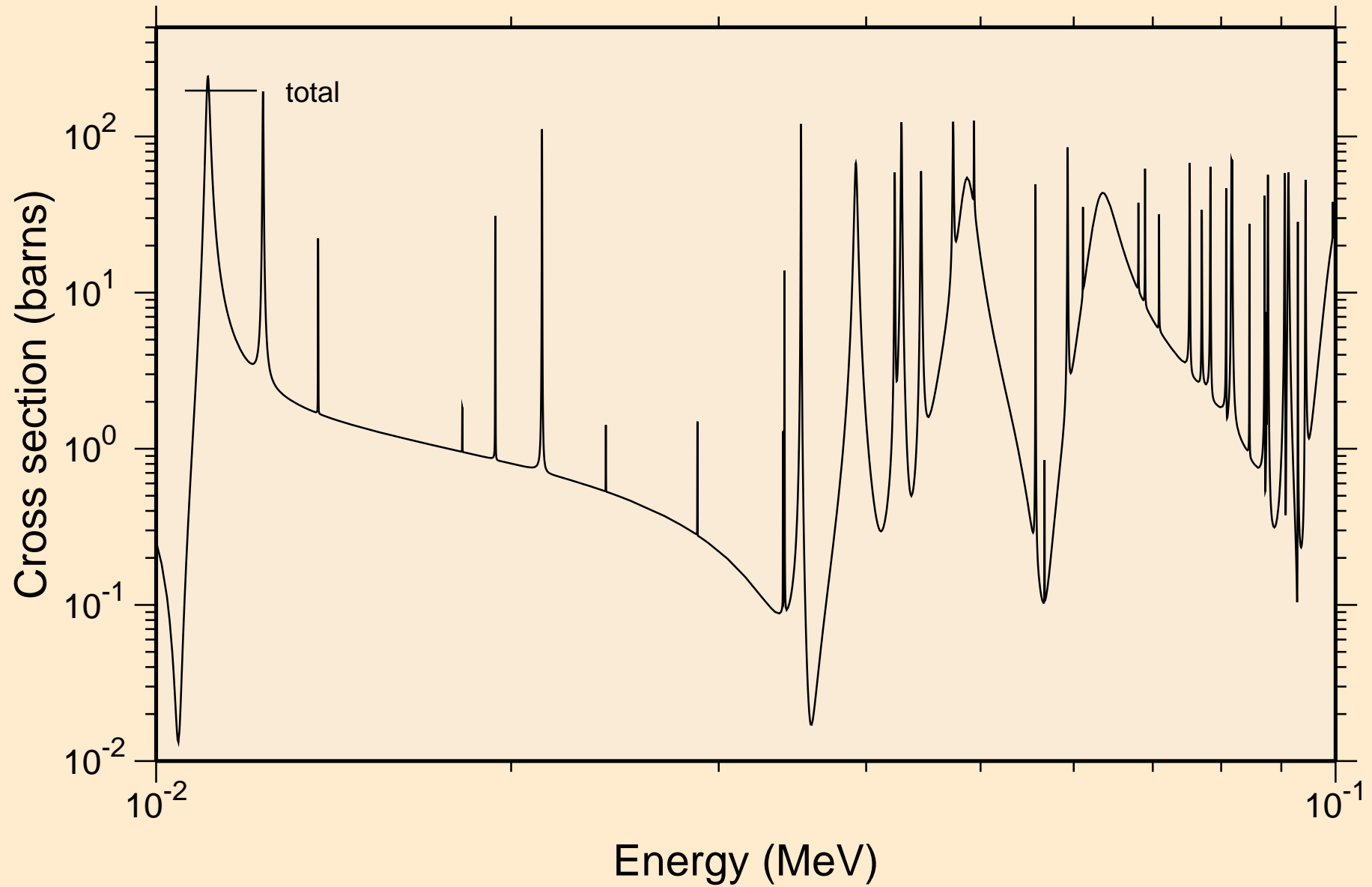


# TI046 NRG TENDL-2015, AKONING

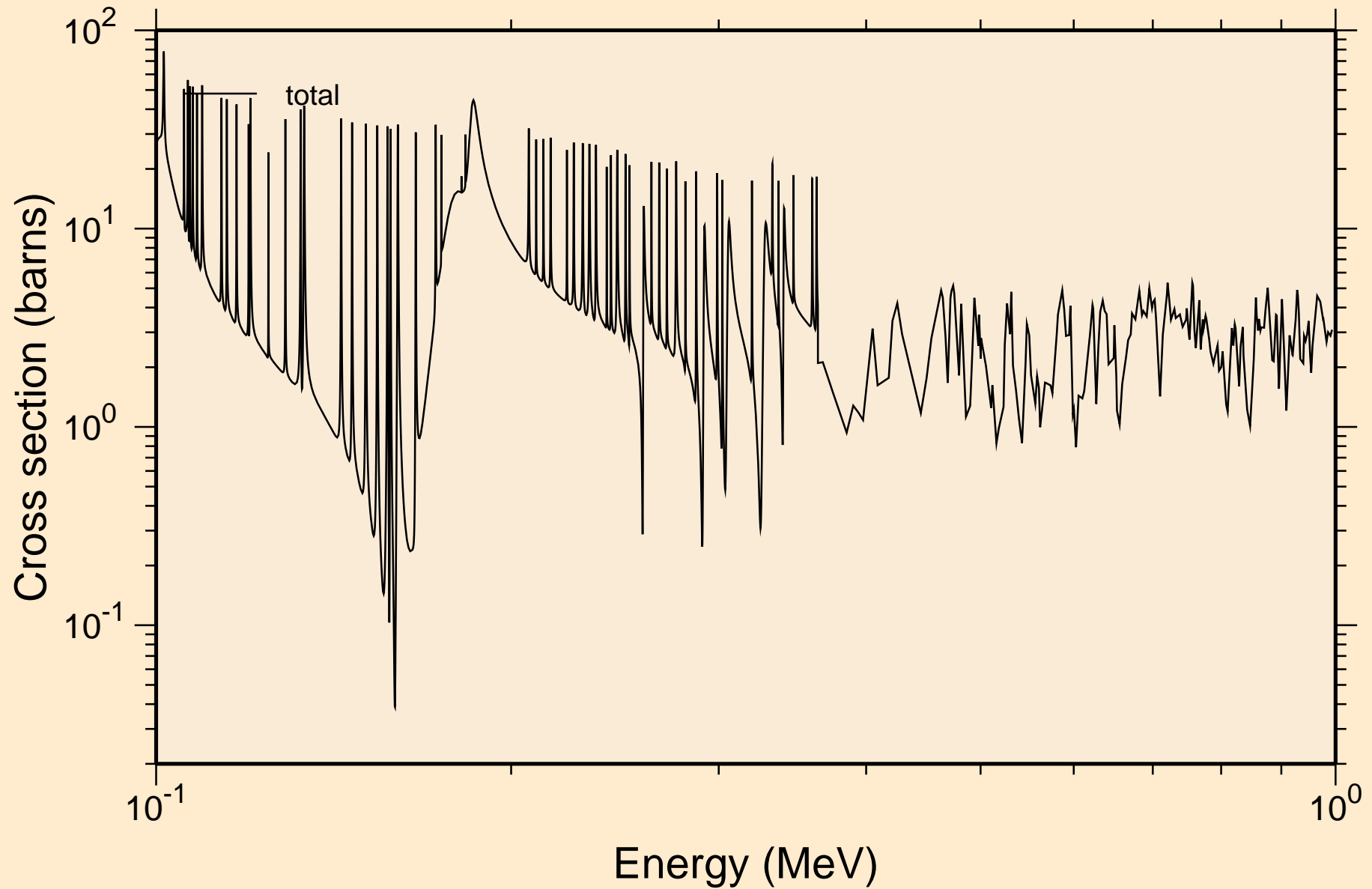
## Principal cross sections



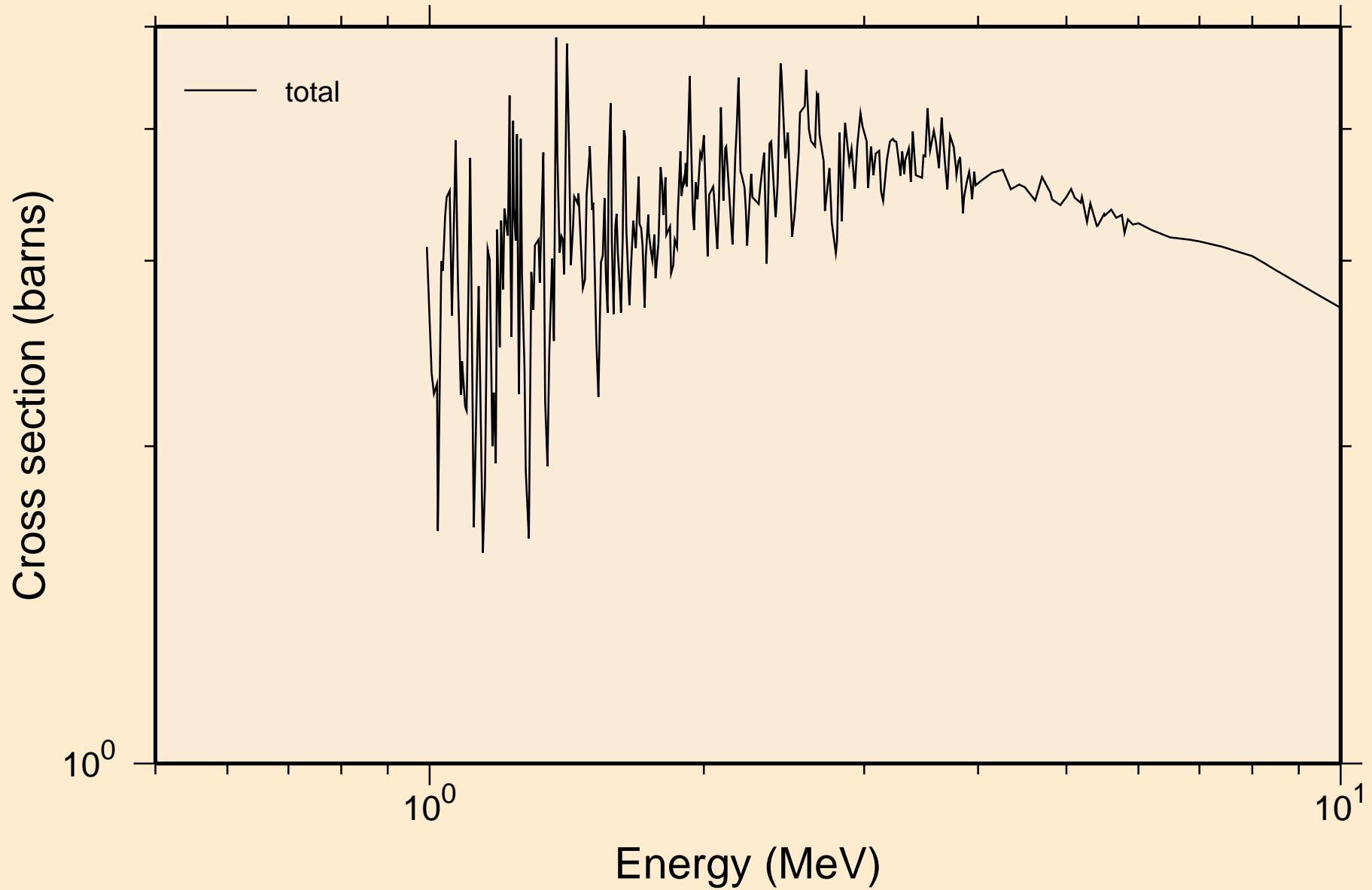
TI046 NRG TENDL-2015, AKONING  
resonance total cross section



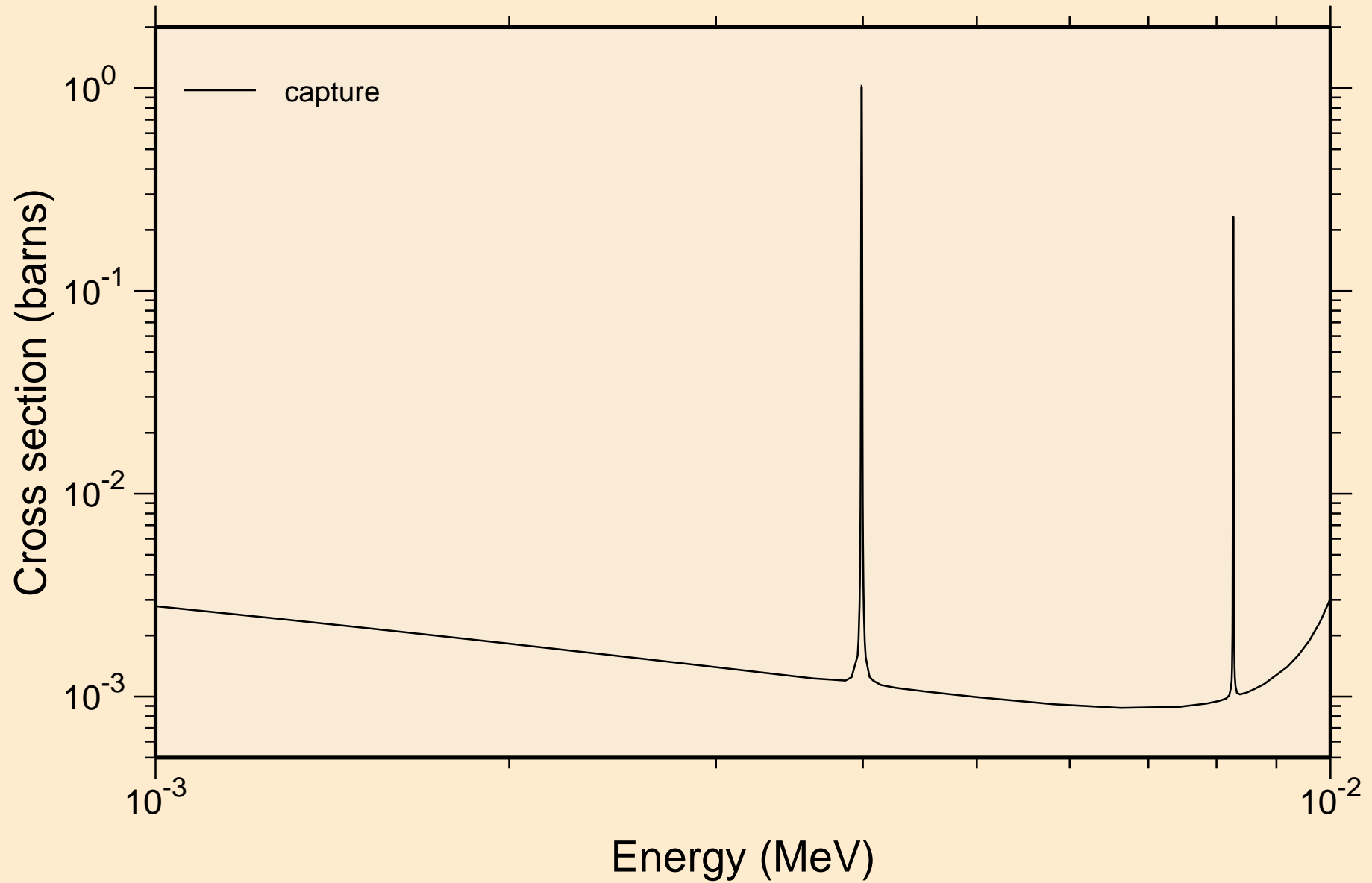
TI046 NRG TENDL-2015, AKONING  
resonance total cross section



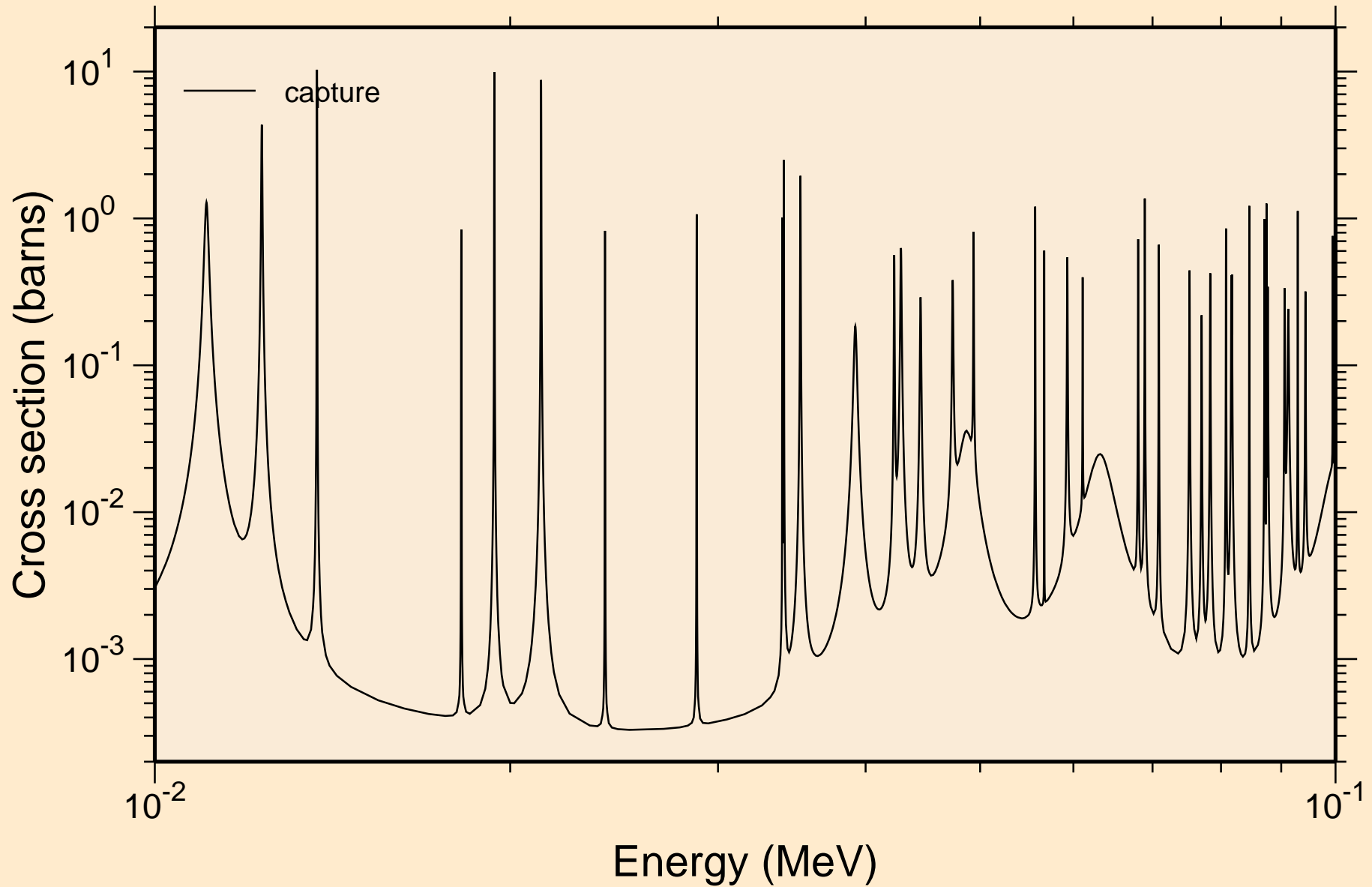
TI046 NRG TENDL-2015, AKONING  
resonance total cross section



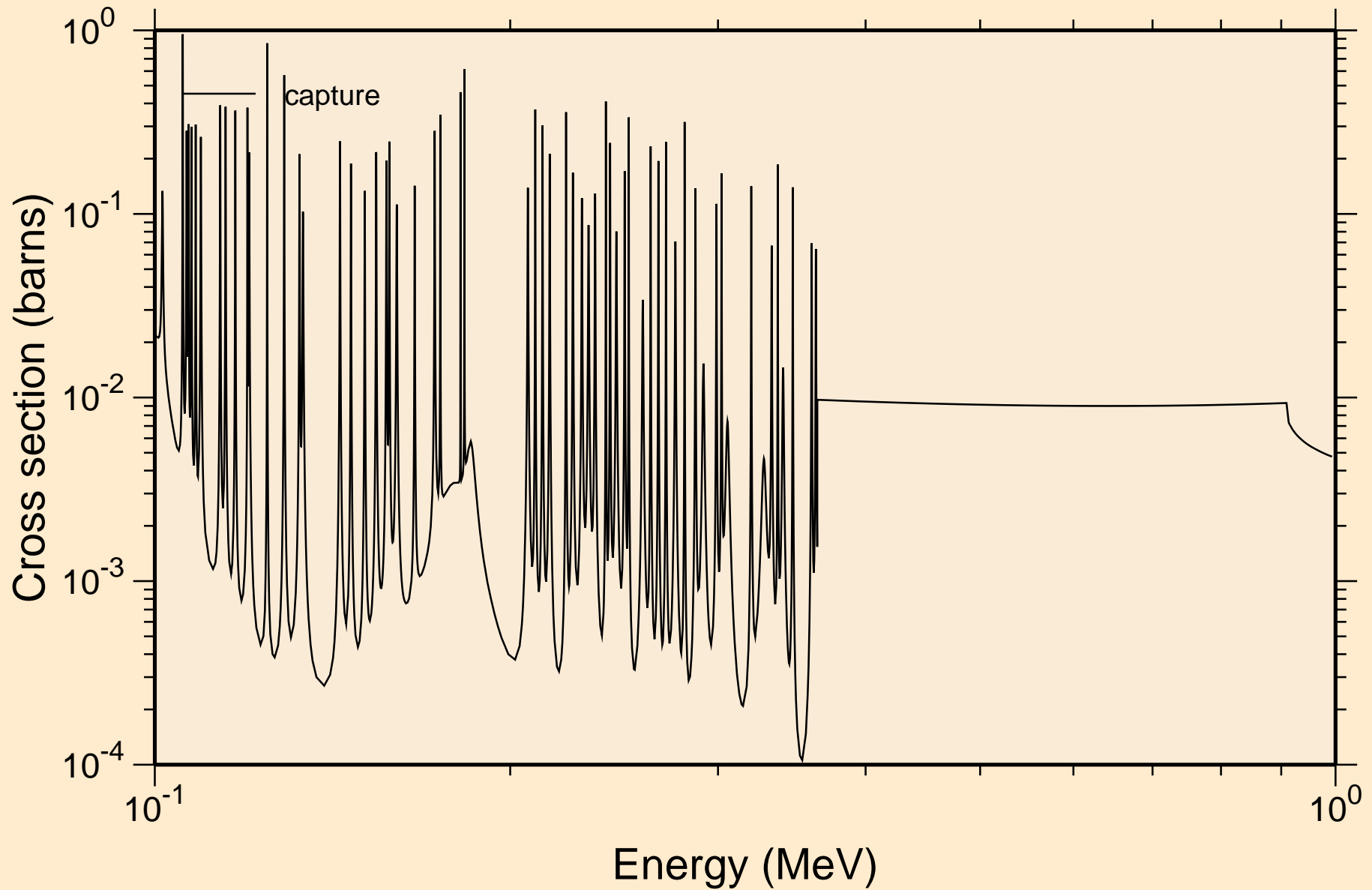
TI046 NRG TENDL-2015, AKONING  
resonance absorption cross sections



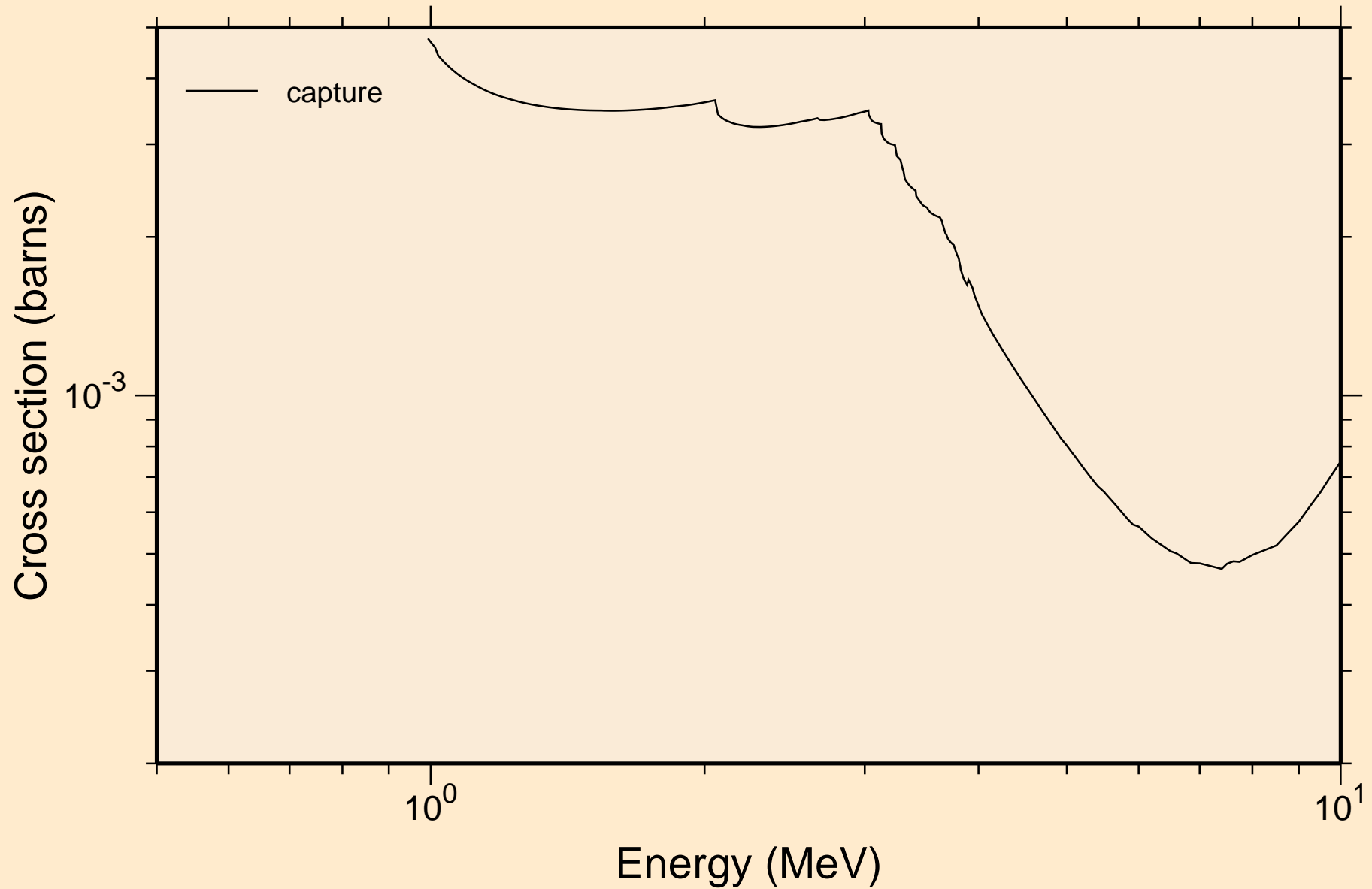
TI046 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TI046 NRG TENDL-2015, AKONING  
resonance absorption cross sections

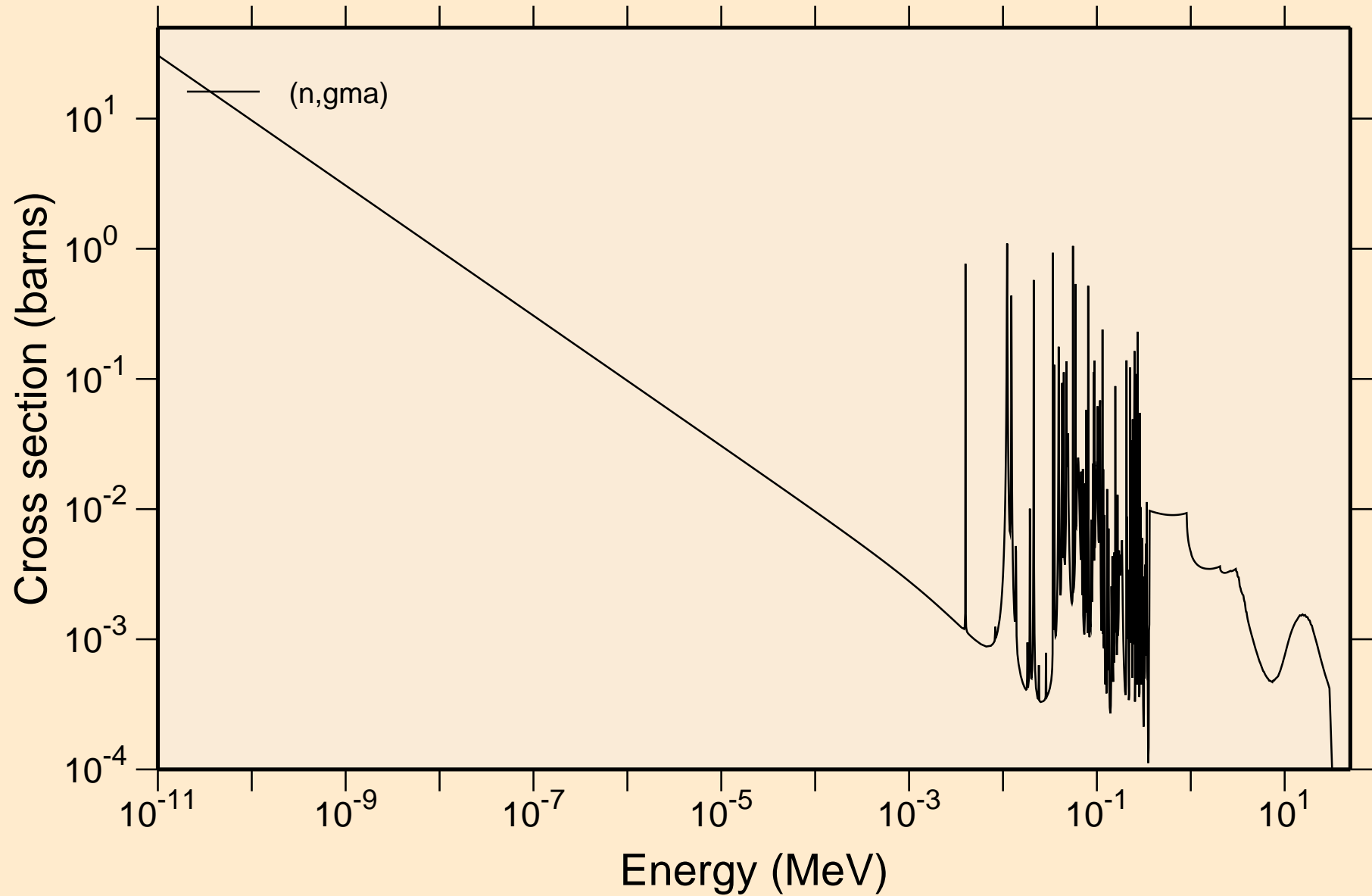


TI046 NRG TENDL-2015, AKONING  
resonance absorption cross sections



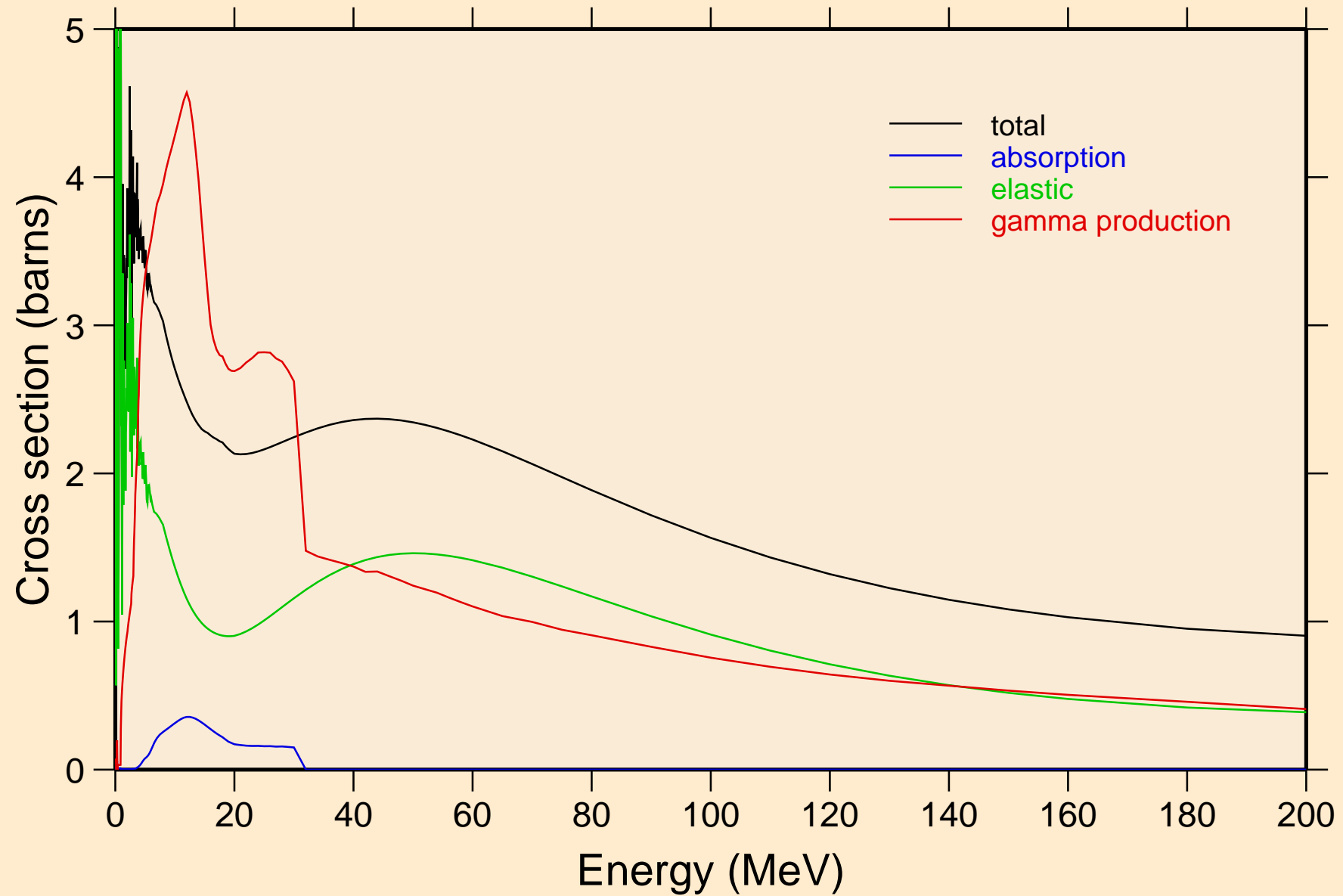


TI046 NRG TENDL-2015, AKONING  
Non-threshold reactions

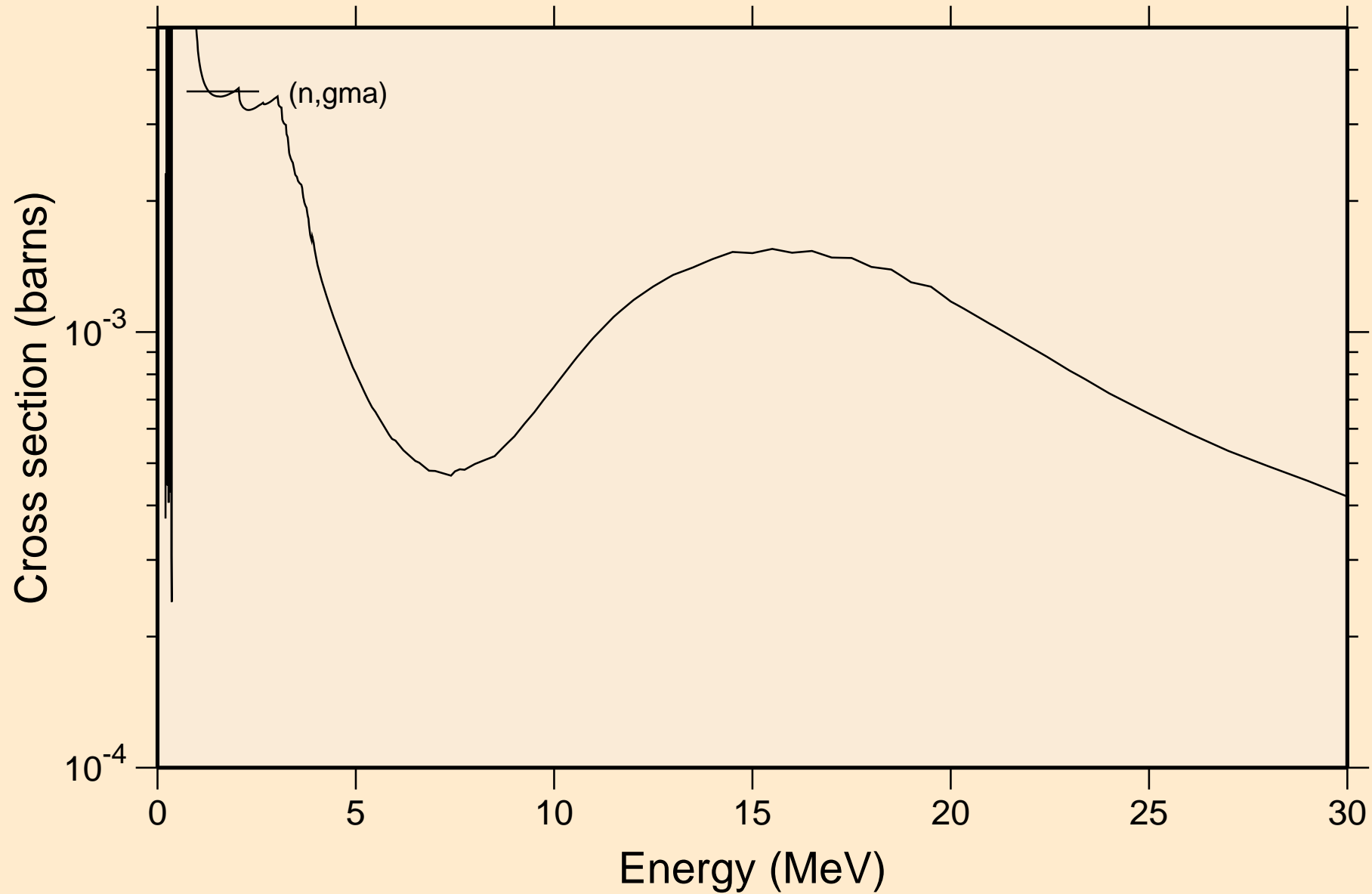


# TI046 NRG TENDL-2015, AKONING

## Principal cross sections

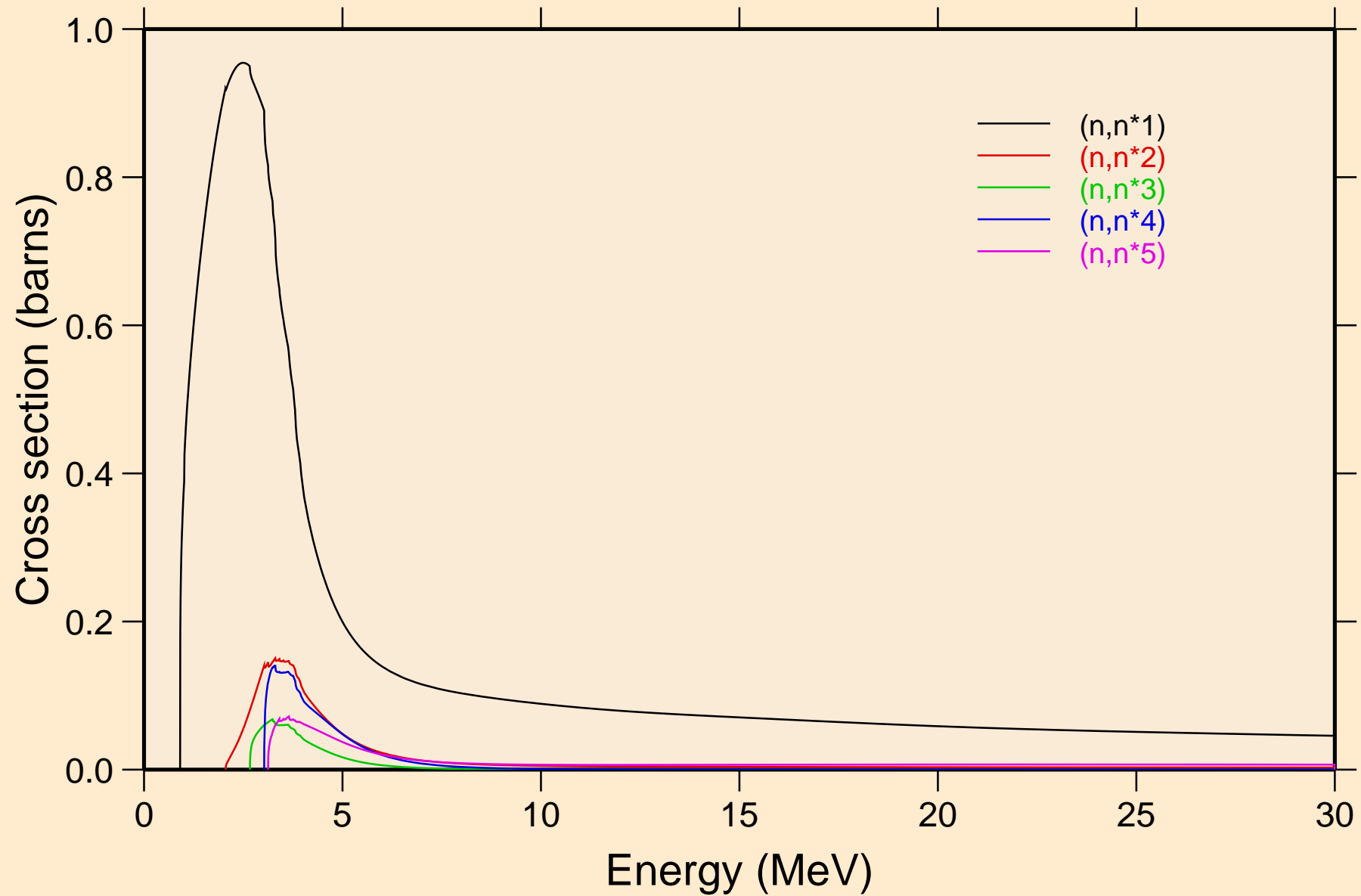


TI046 NRG TENDL-2015, AKONING  
Non-threshold reactions



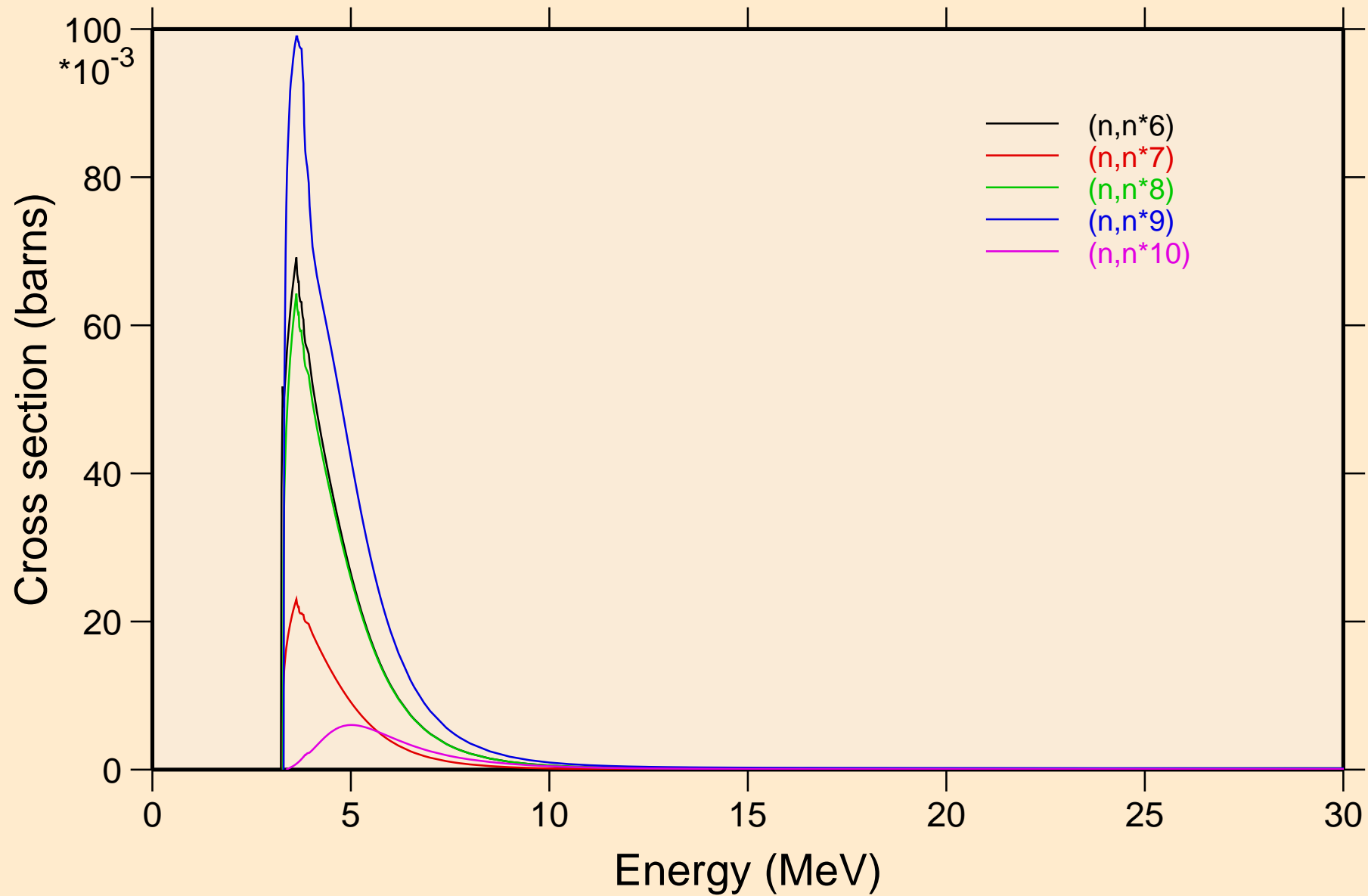
# TI046 NRG TENDL-2015, AKONING

## Inelastic levels



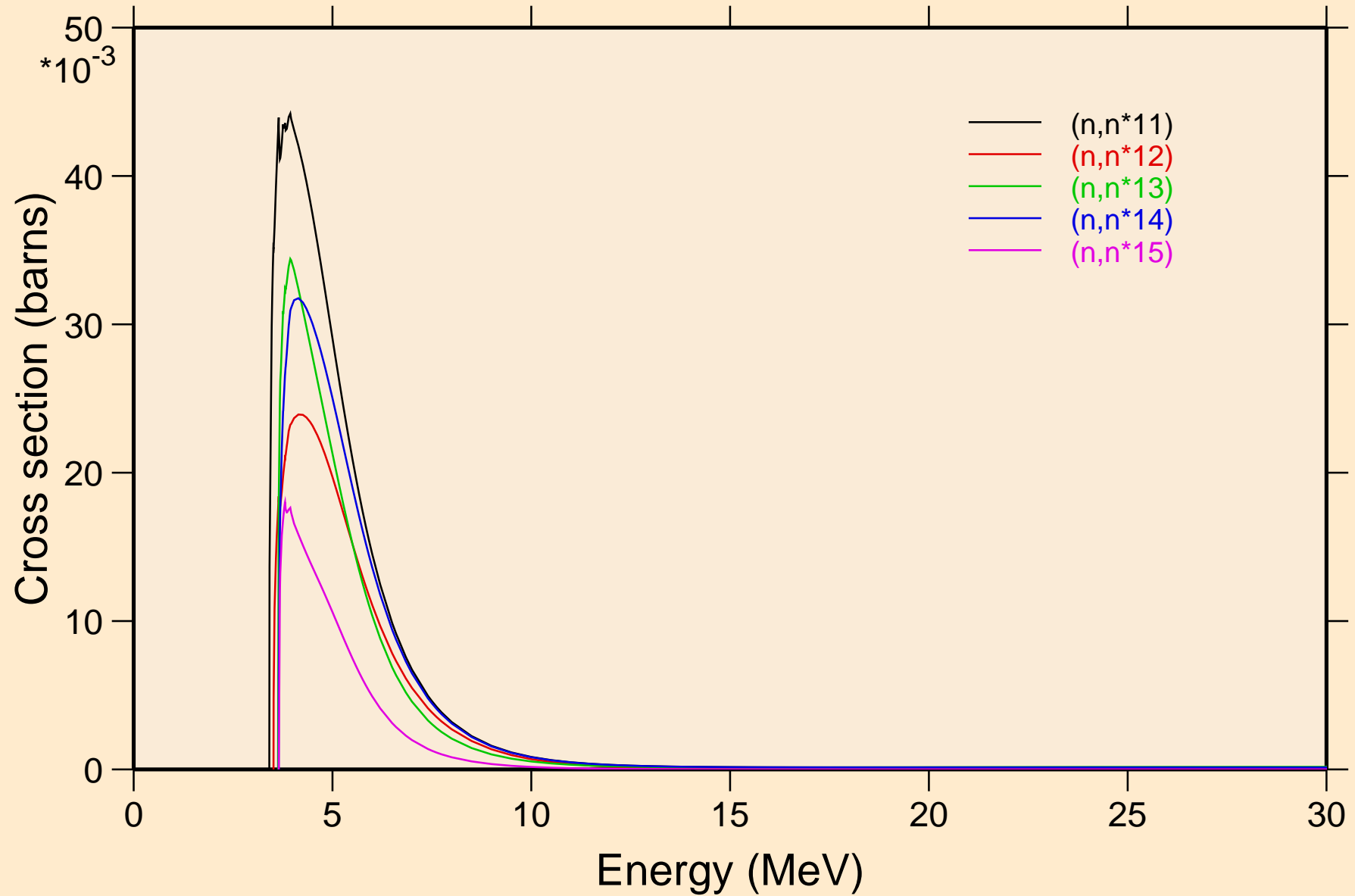
# TI046 NRG TENDL-2015, AKONING

## Inelastic levels



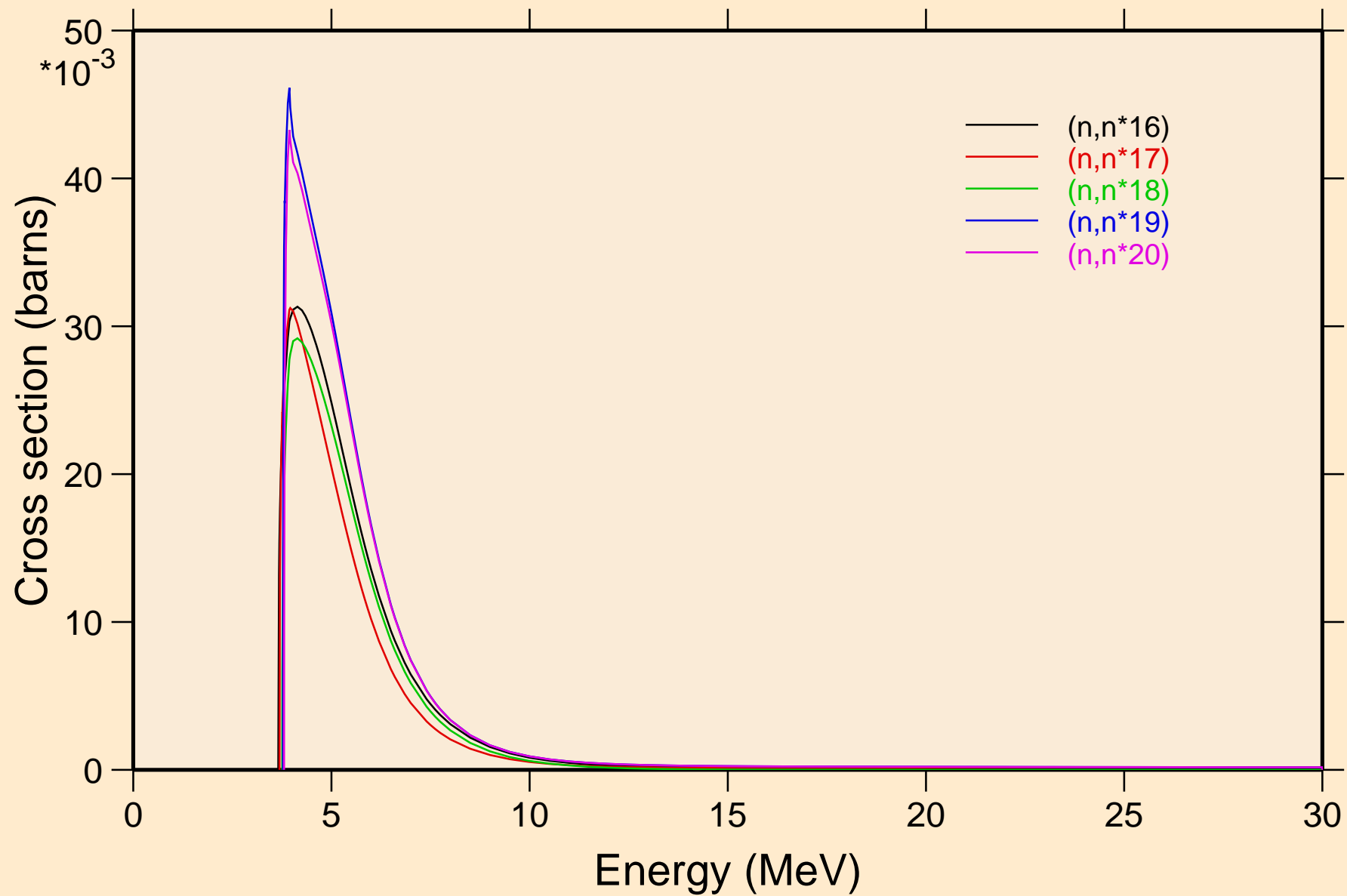
# TI046 NRG TENDL-2015, AKONING

## Inelastic levels



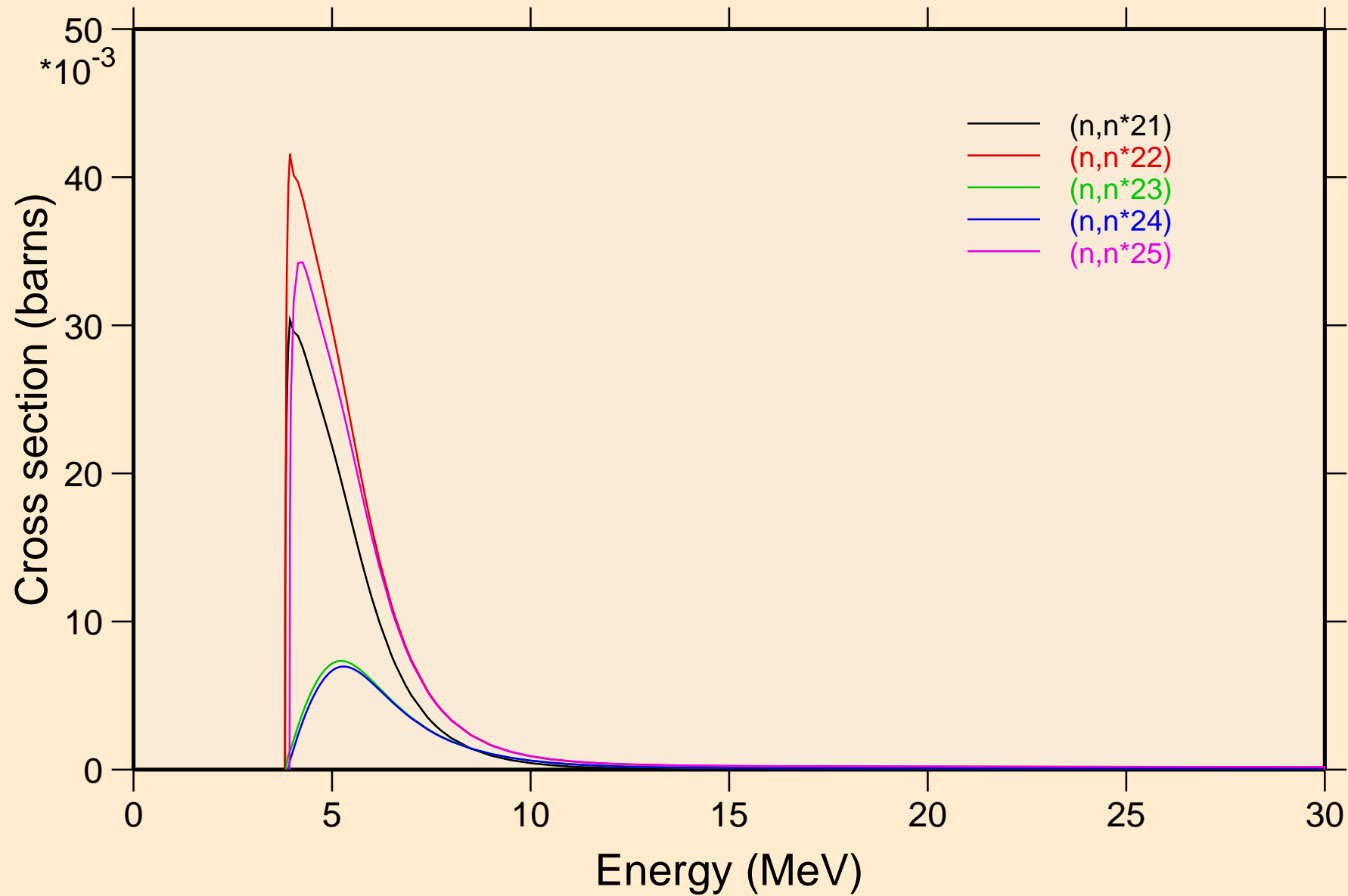
# TI046 NRG TENDL-2015, AKONING

## Inelastic levels



# TI046 NRG TENDL-2015, AKONING

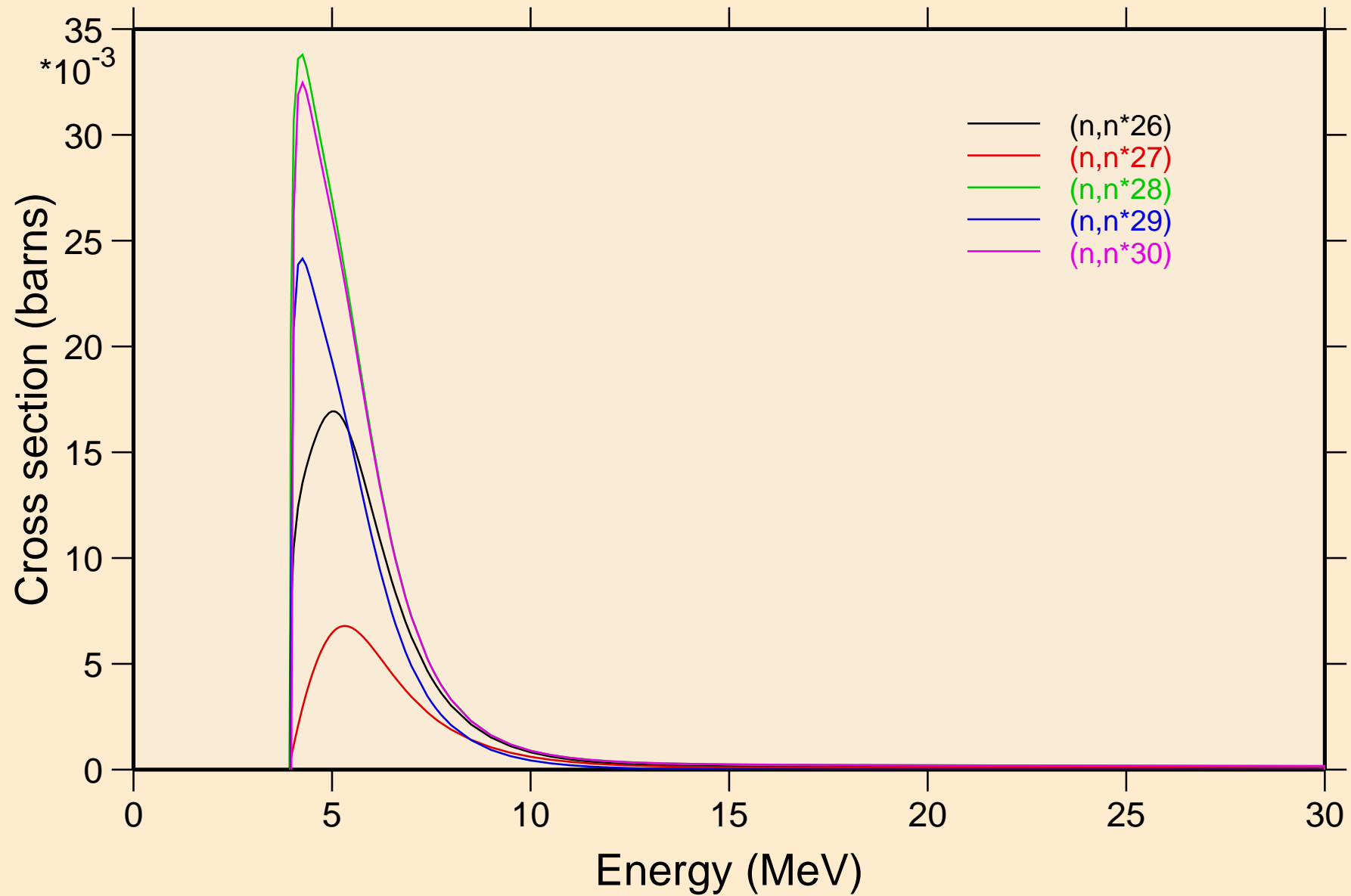
## Inelastic levels





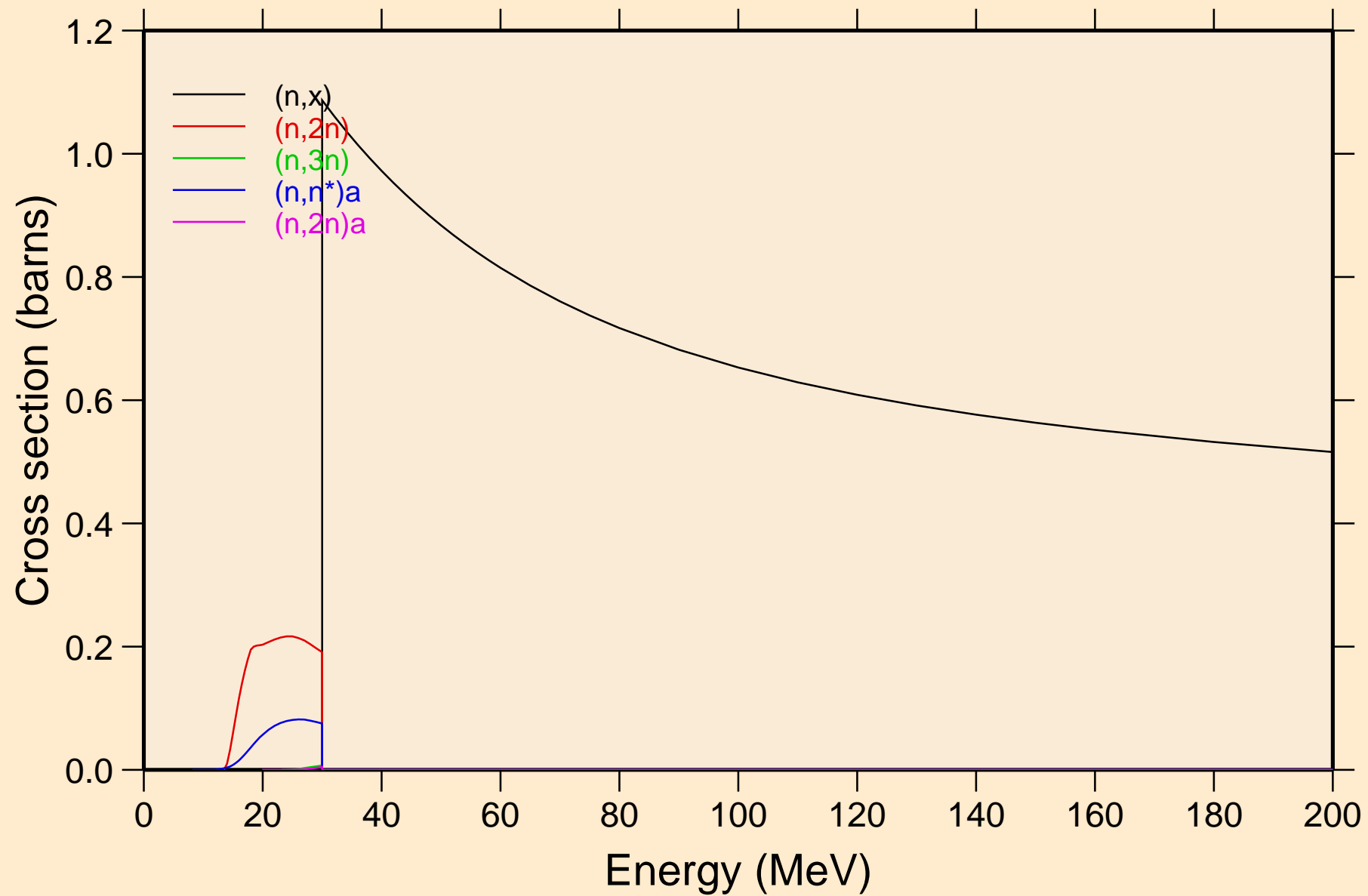
# TI046 NRG TENDL-2015, AKONING

## Inelastic levels



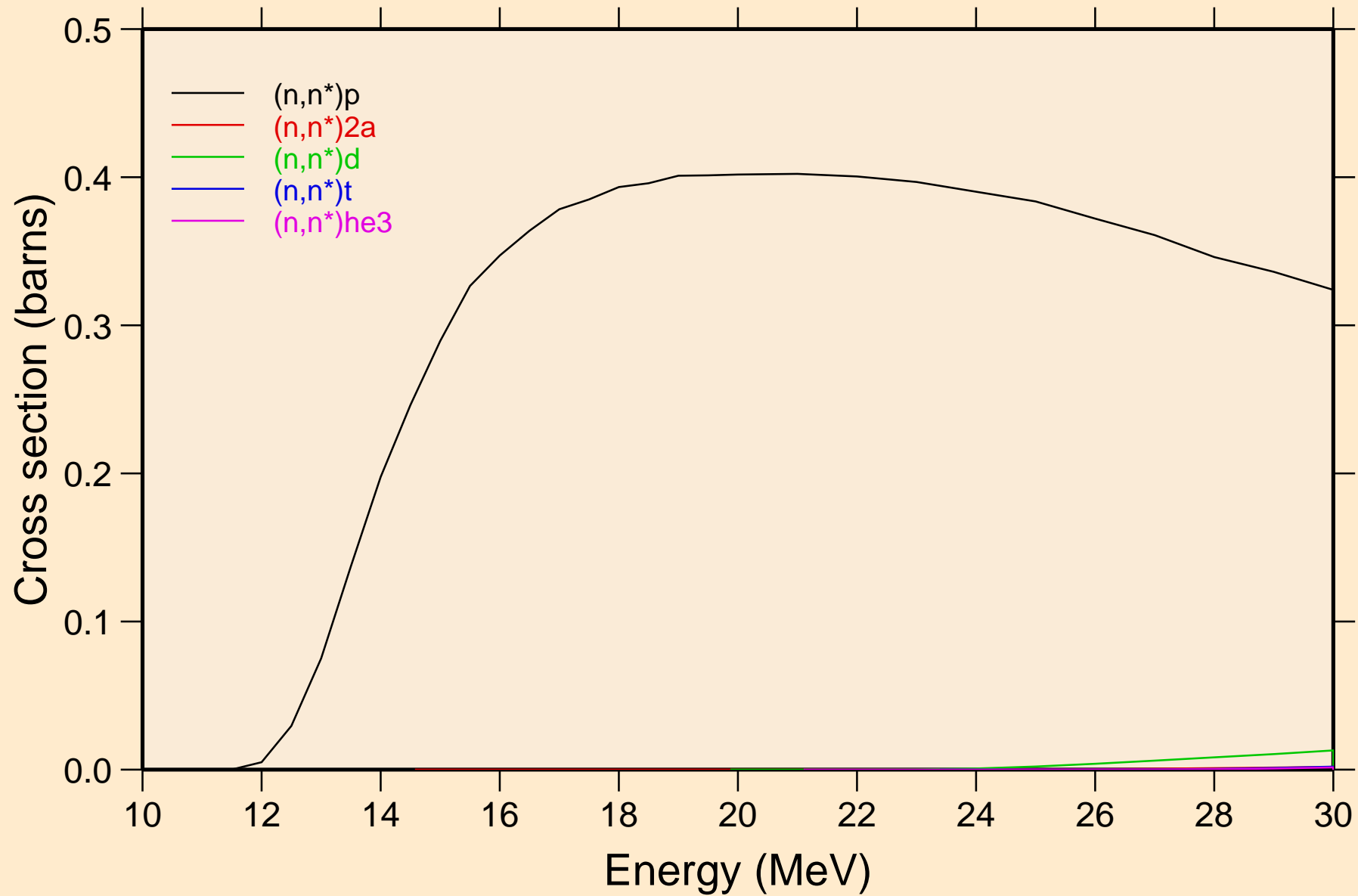
# TI046 NRG TENDL-2015, AKONING

## Threshold reactions



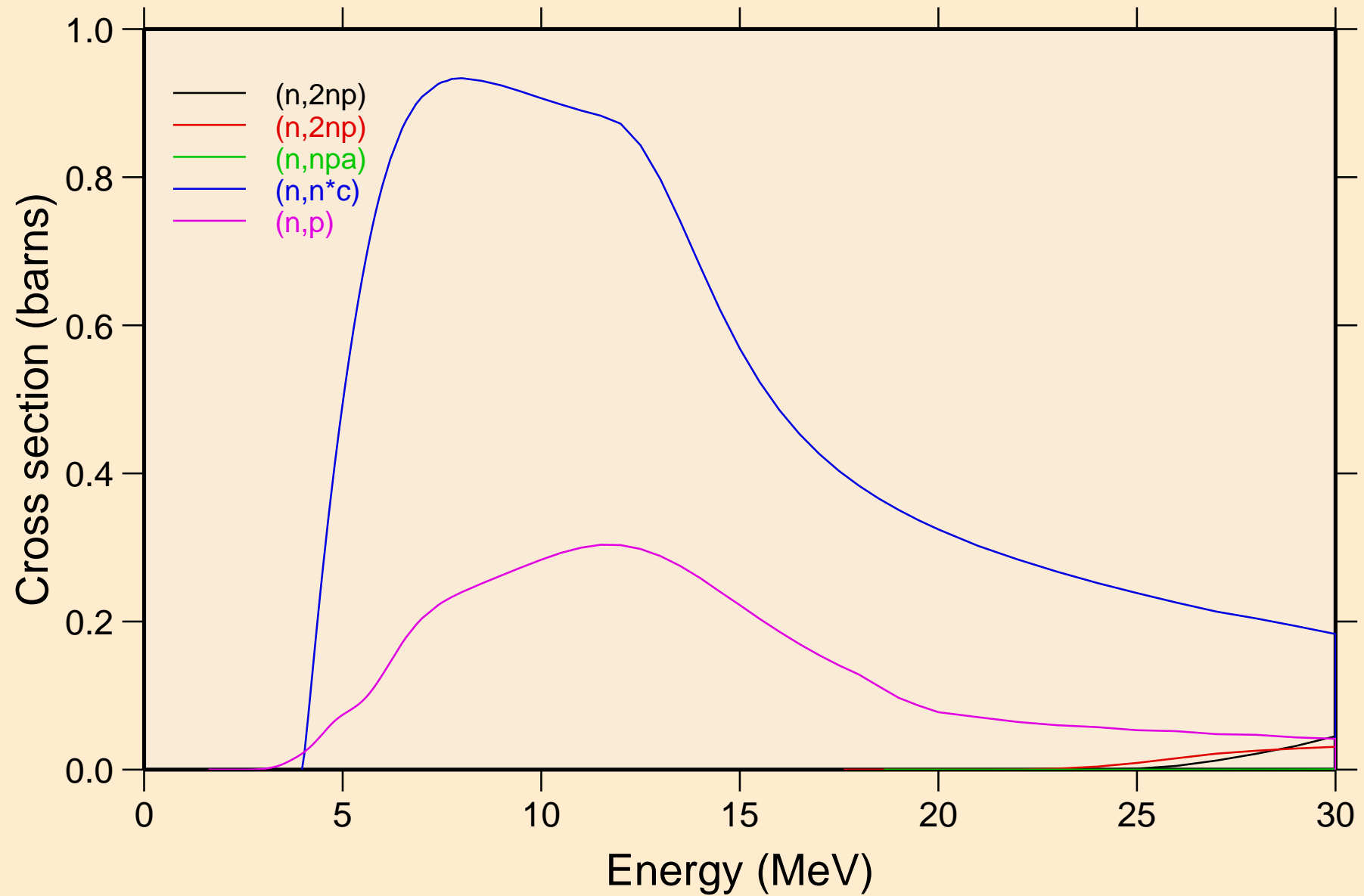
# TI046 NRG TENDL-2015, AKONING

## Threshold reactions



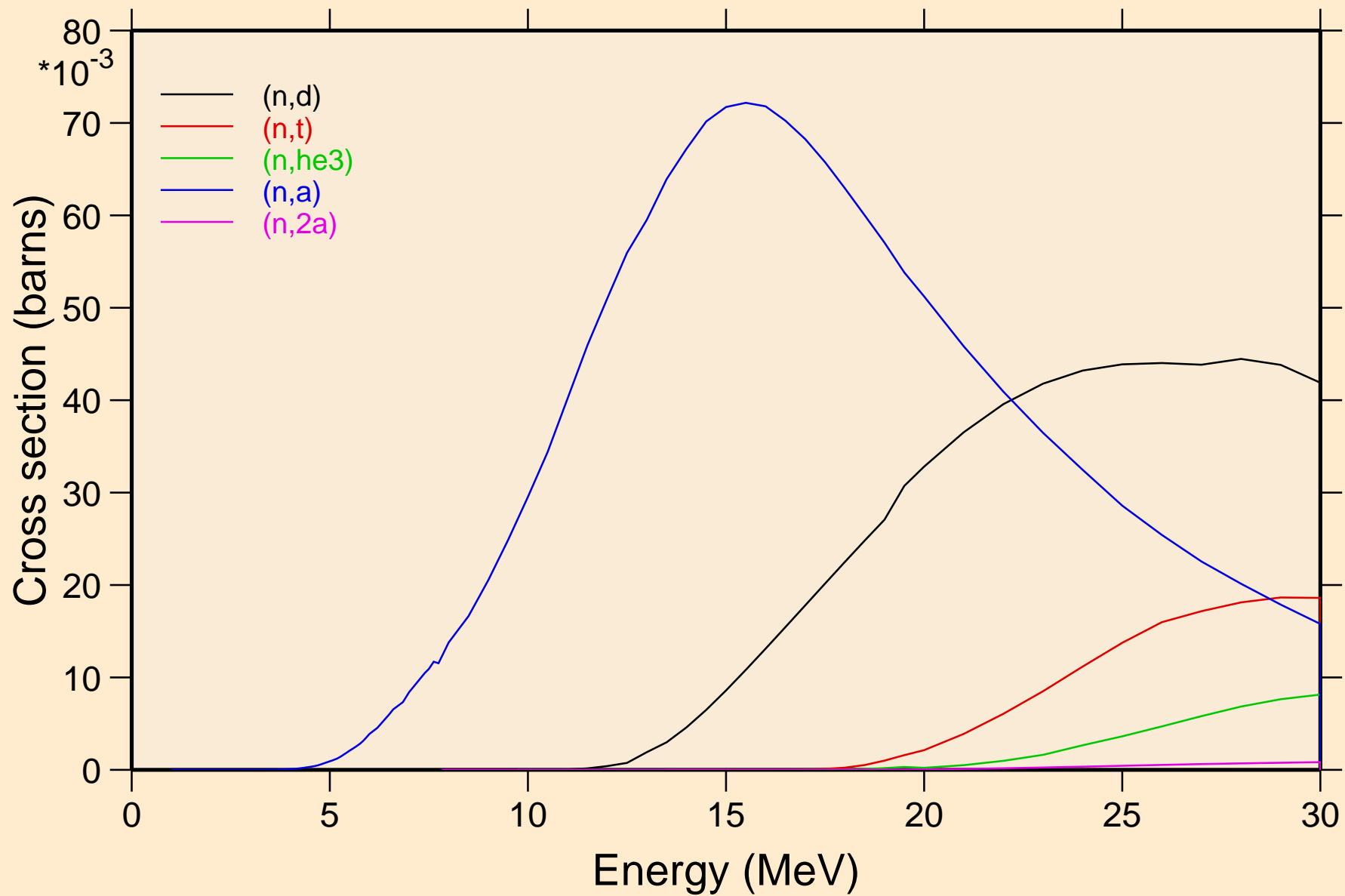
# TI046 NRG TENDL-2015, AKONING

## Threshold reactions



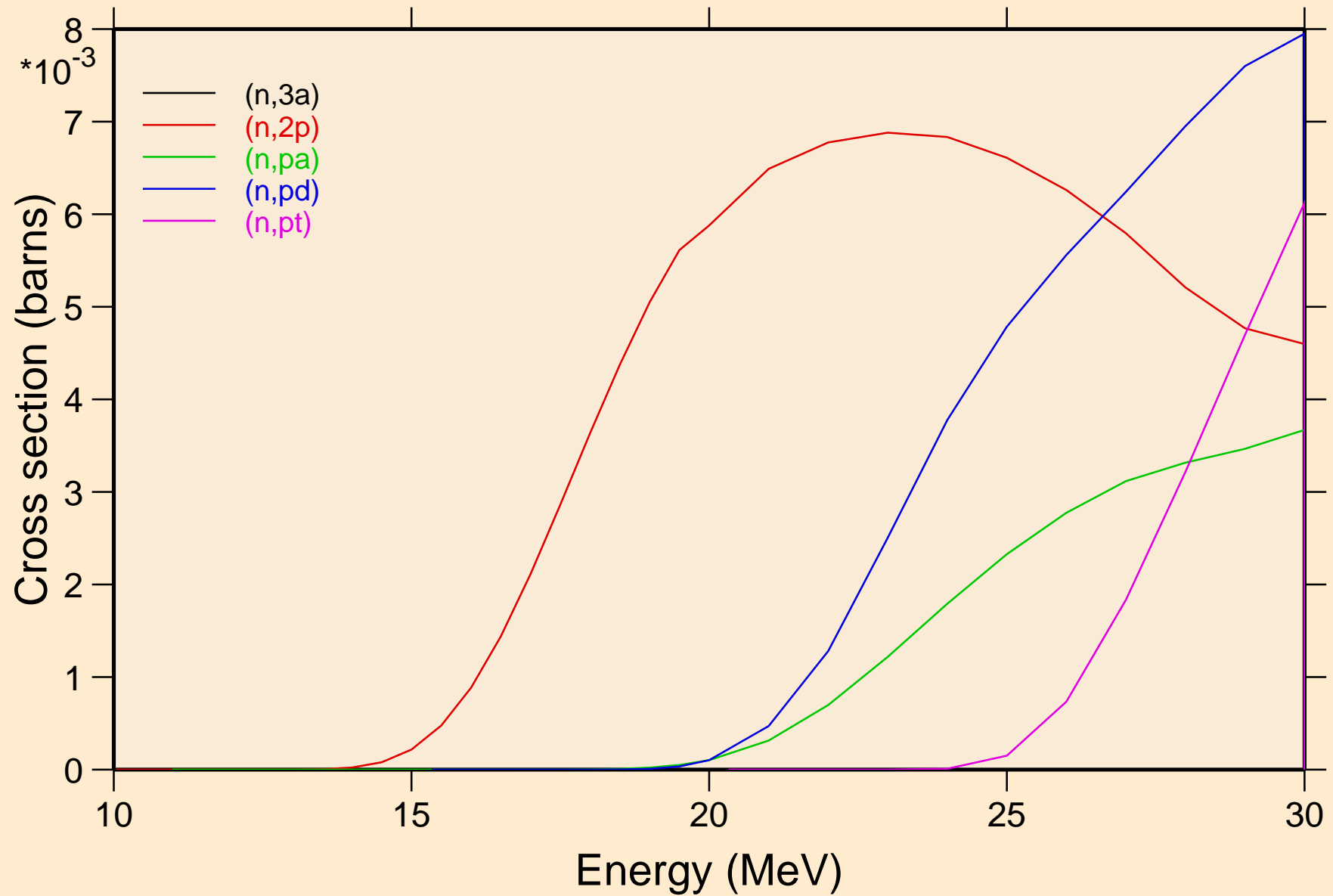
# TI046 NRG TENDL-2015, AKONING

## Threshold reactions



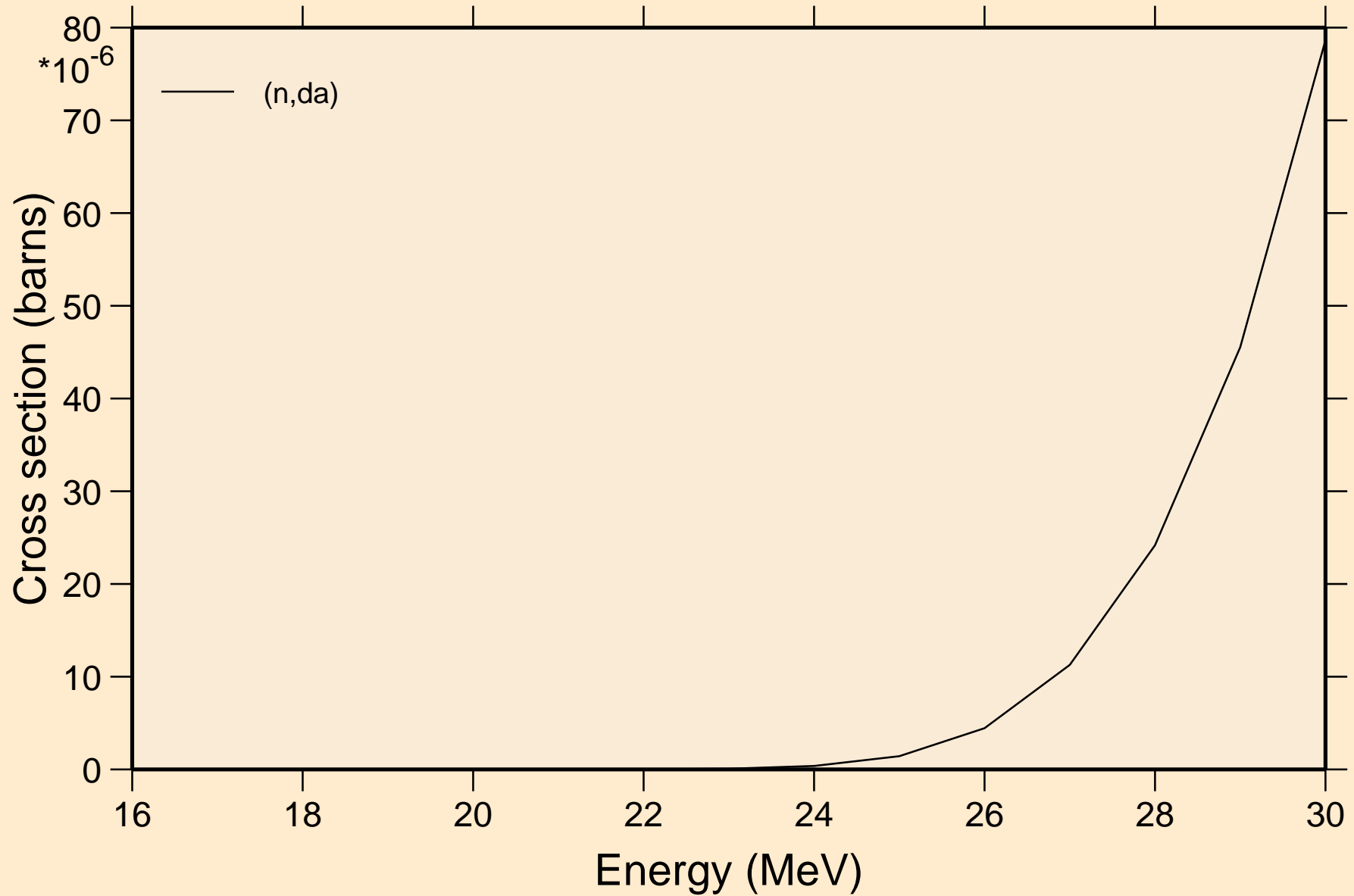
# TI046 NRG TENDL-2015, AKONING

## Threshold reactions

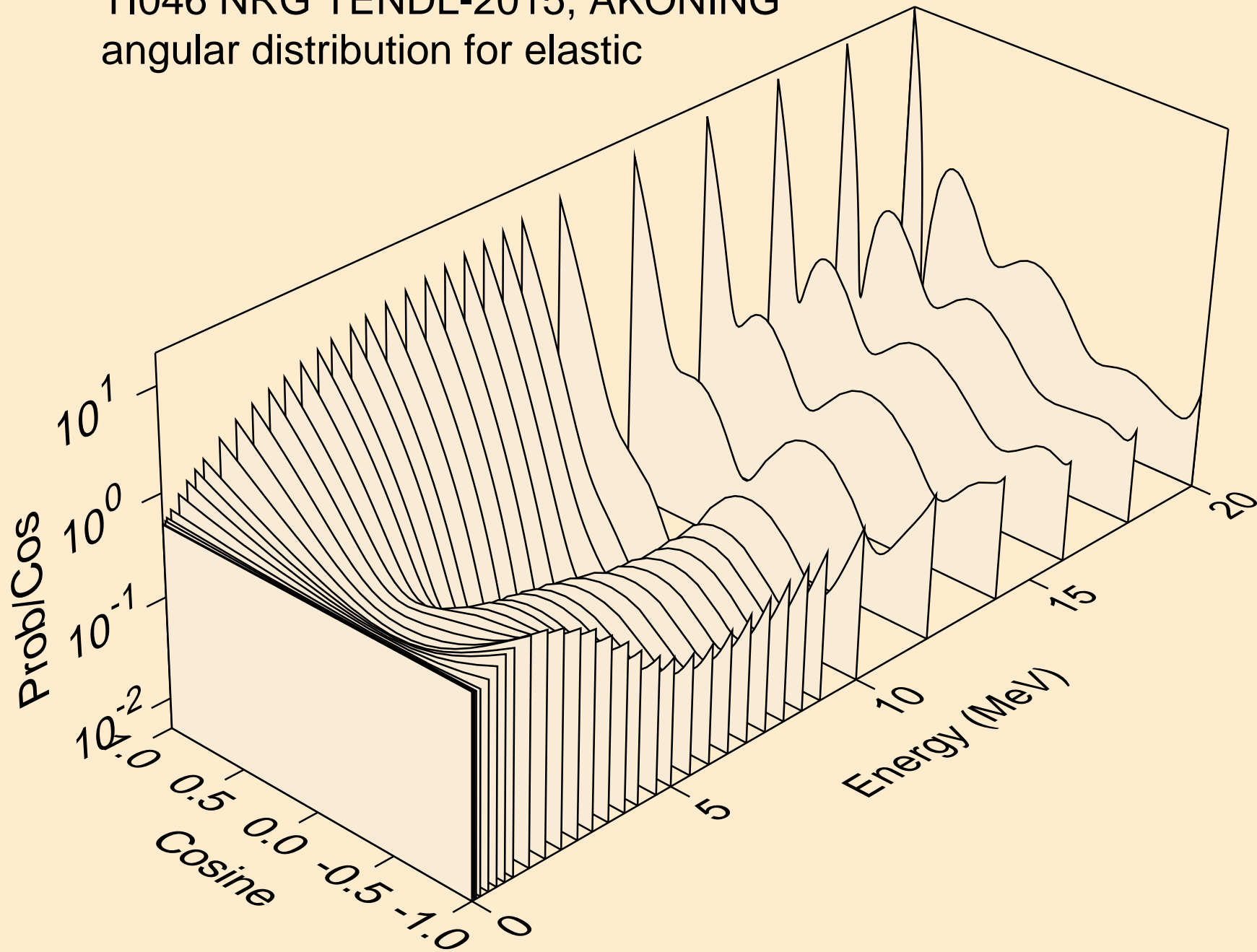


# TI046 NRG TENDL-2015, AKONING

## Threshold reactions

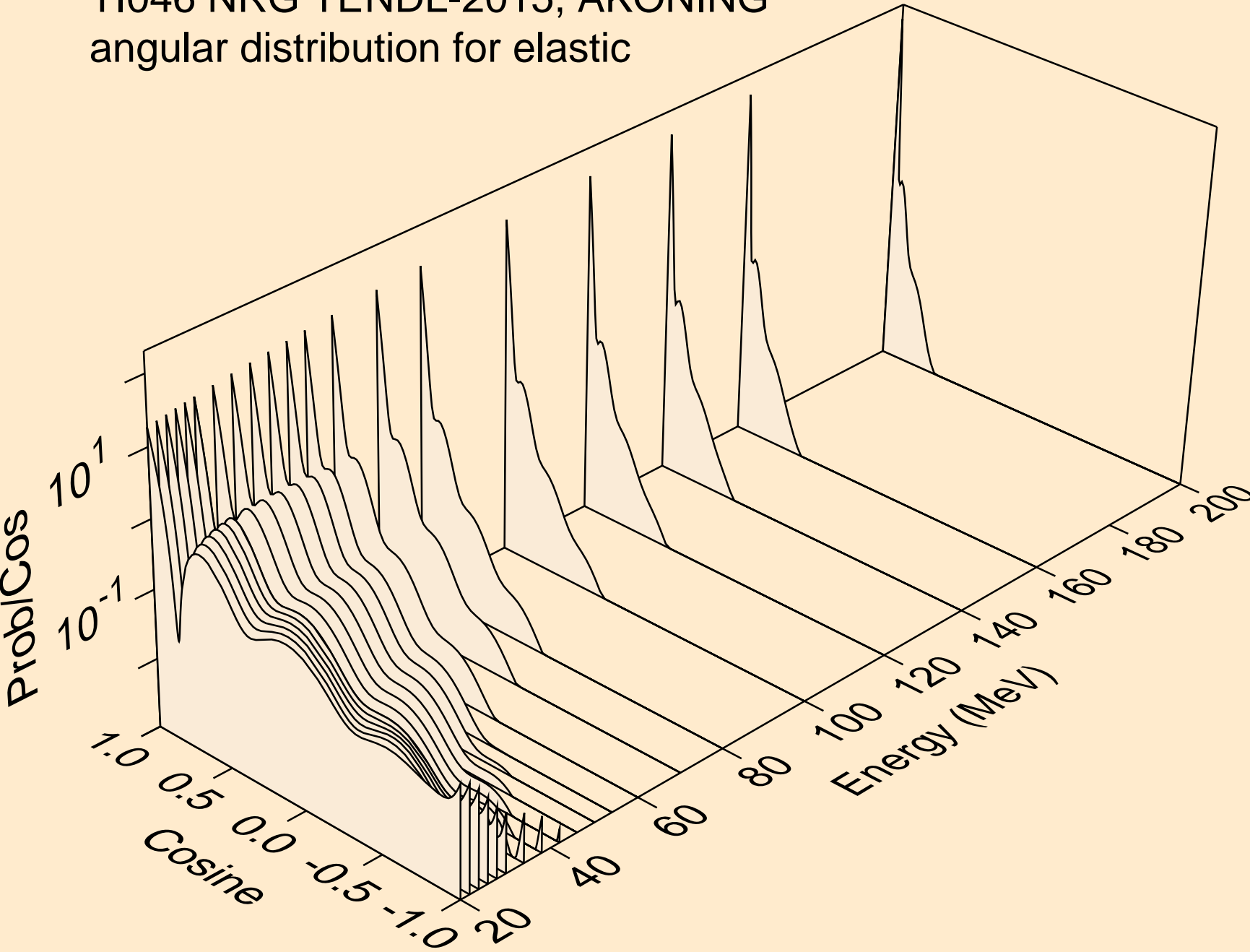


TI046 NRG TENDL-2015, AKONING  
angular distribution for elastic

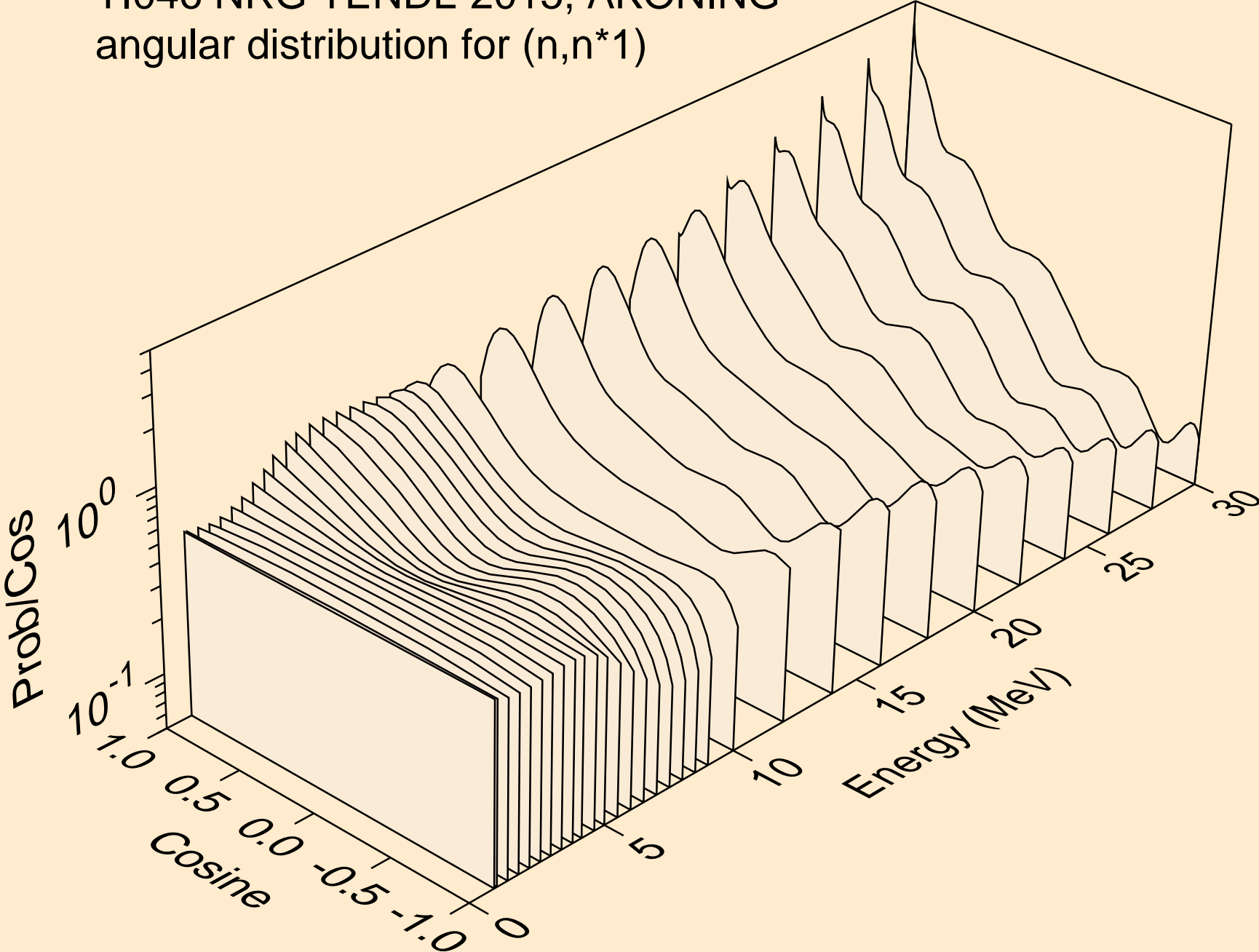




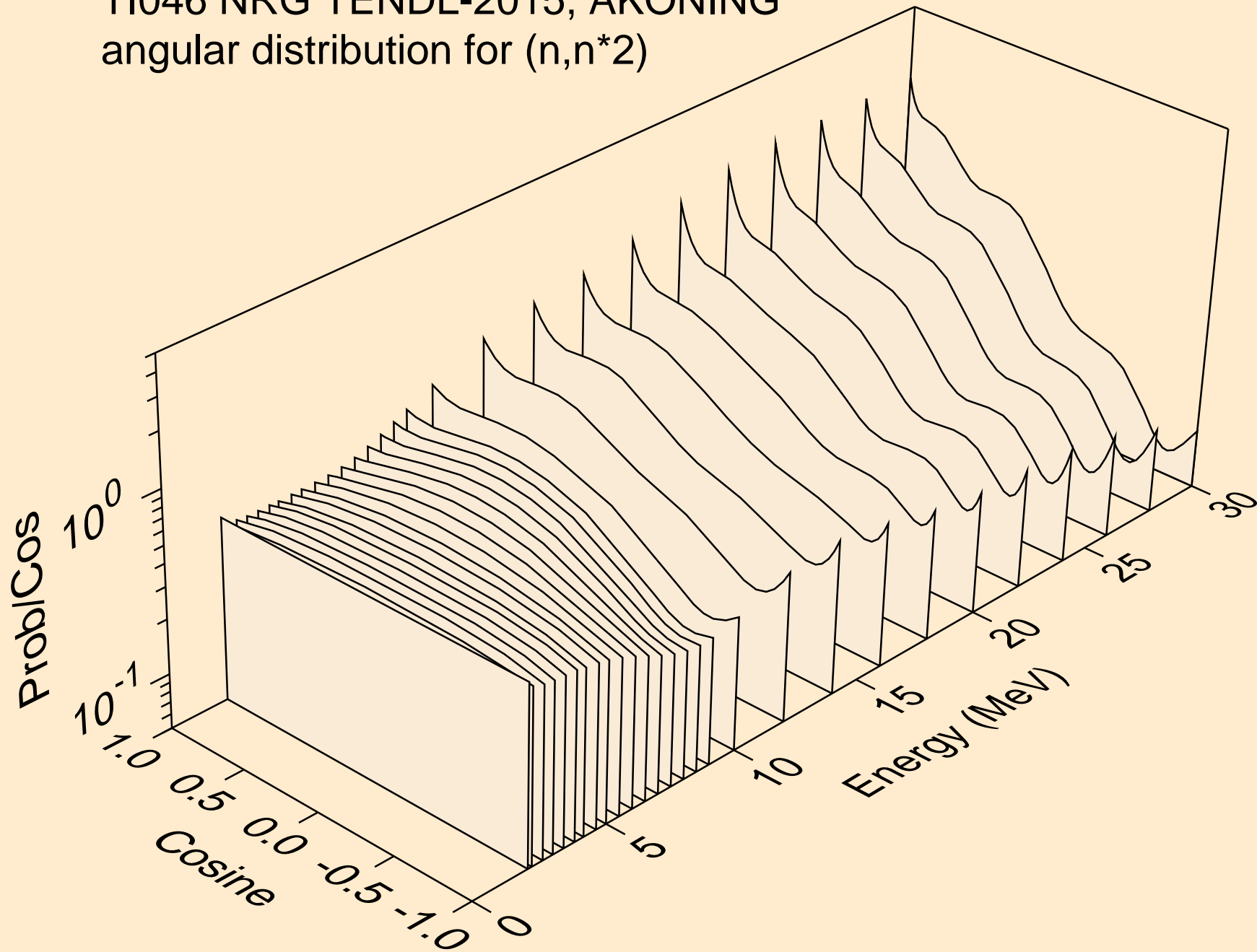
TI046 NRG TENDL-2015, AKONING  
angular distribution for elastic



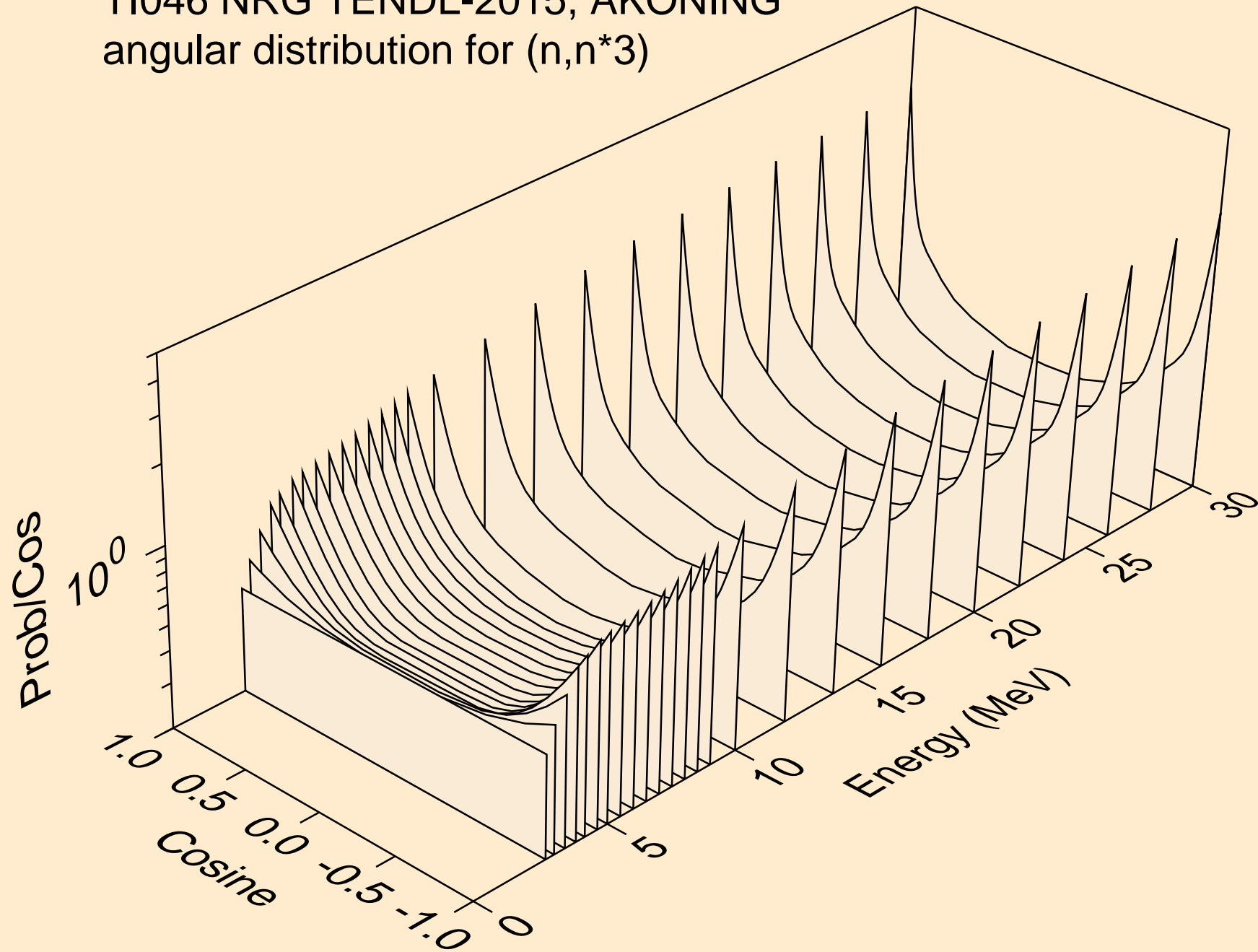
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



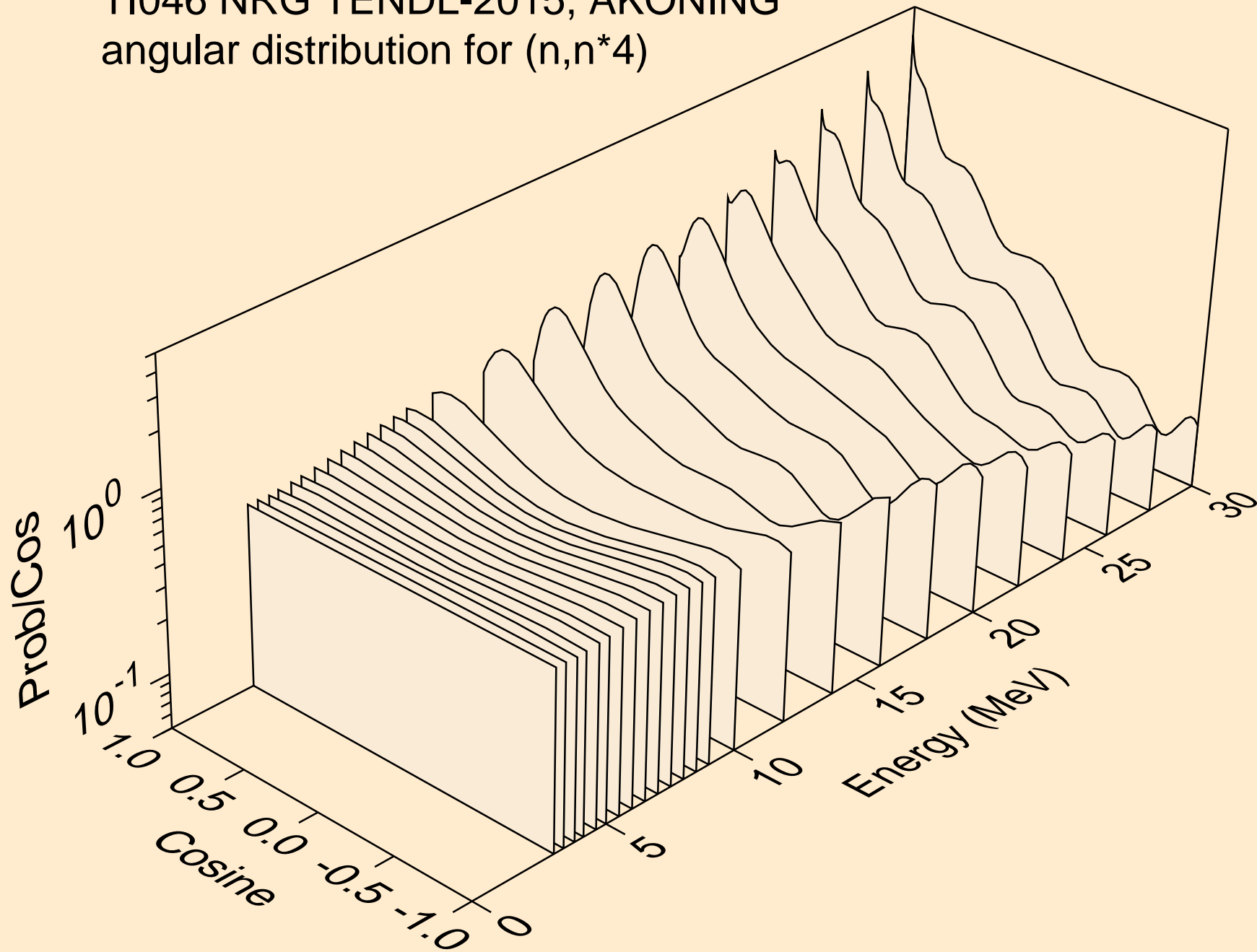
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



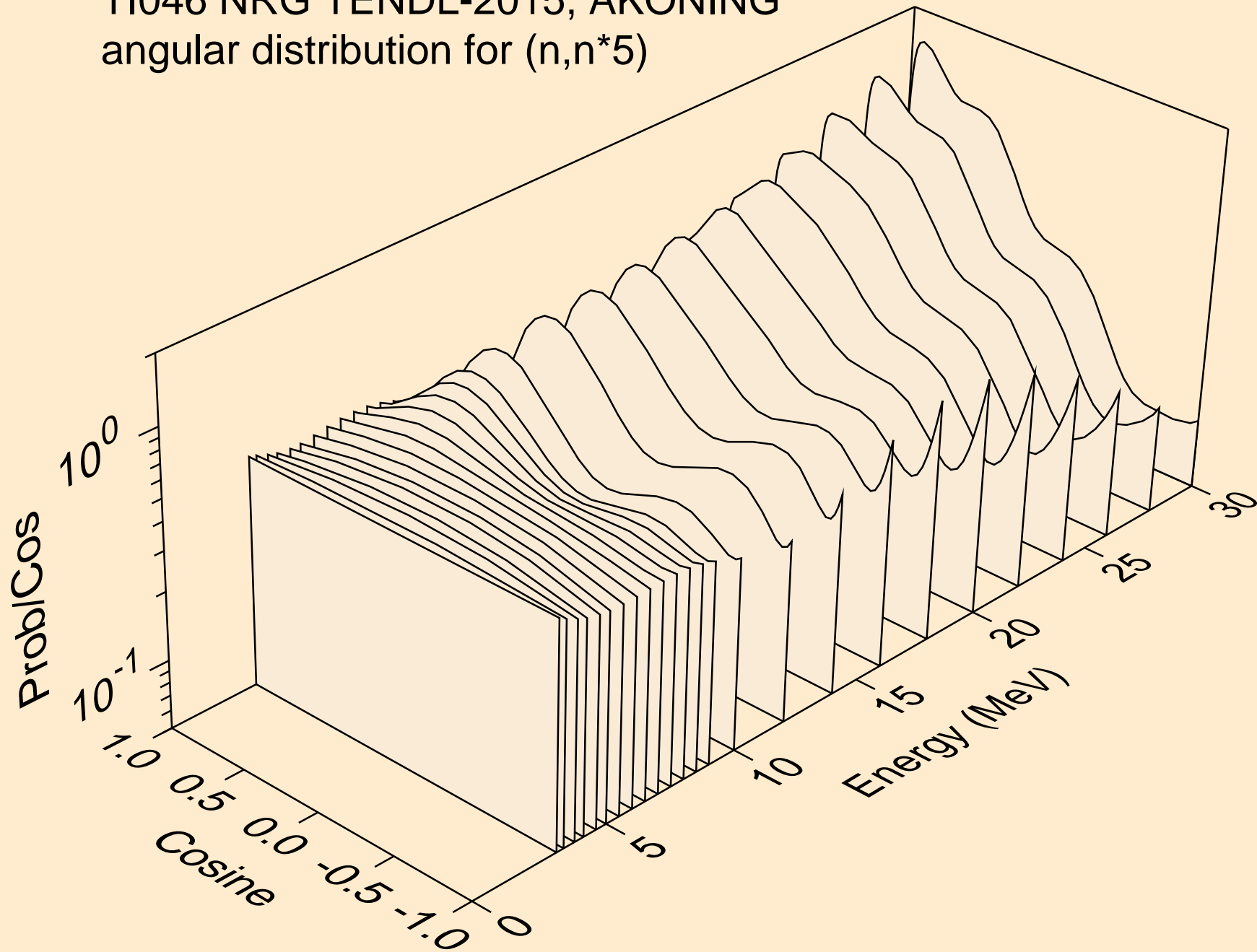
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



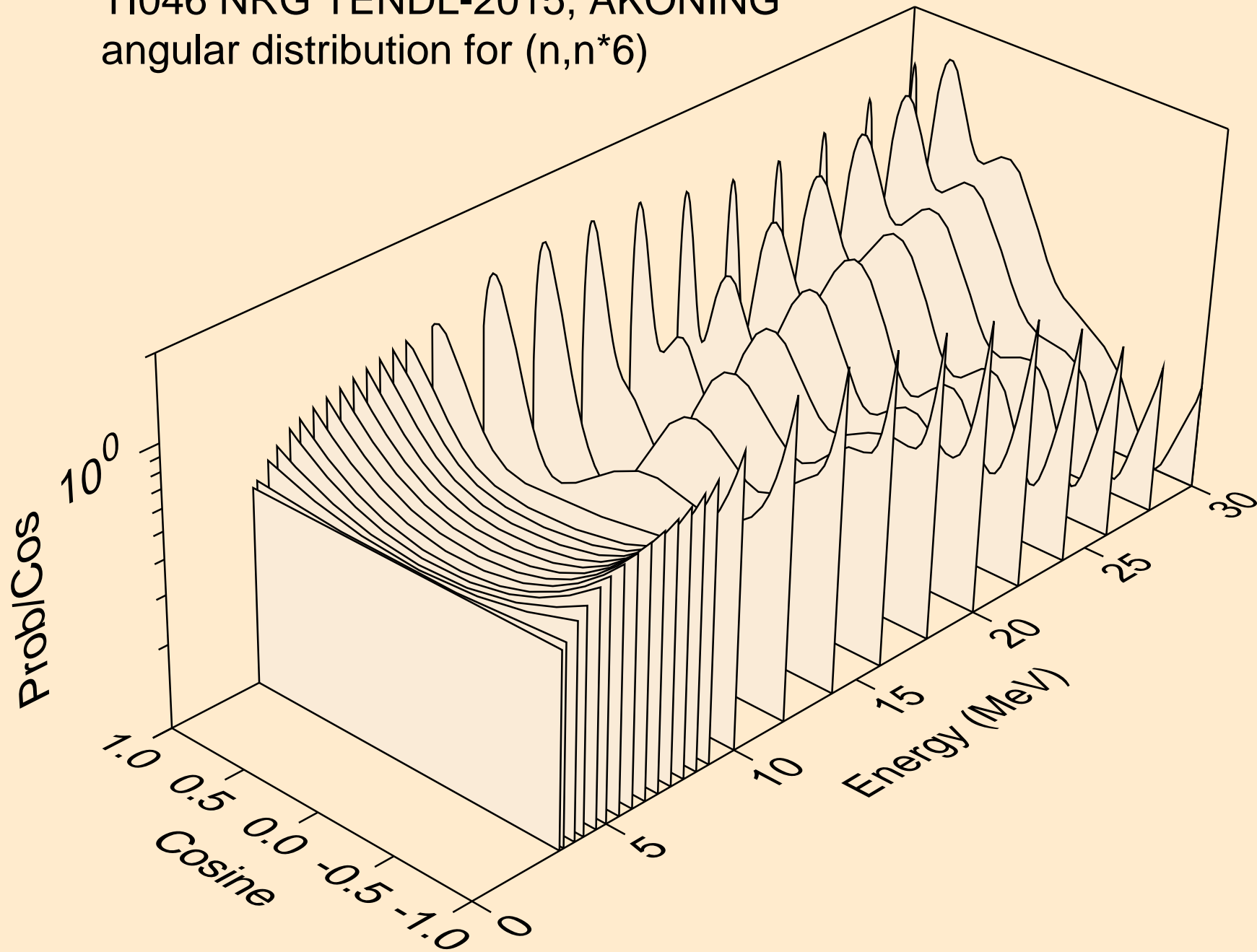
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



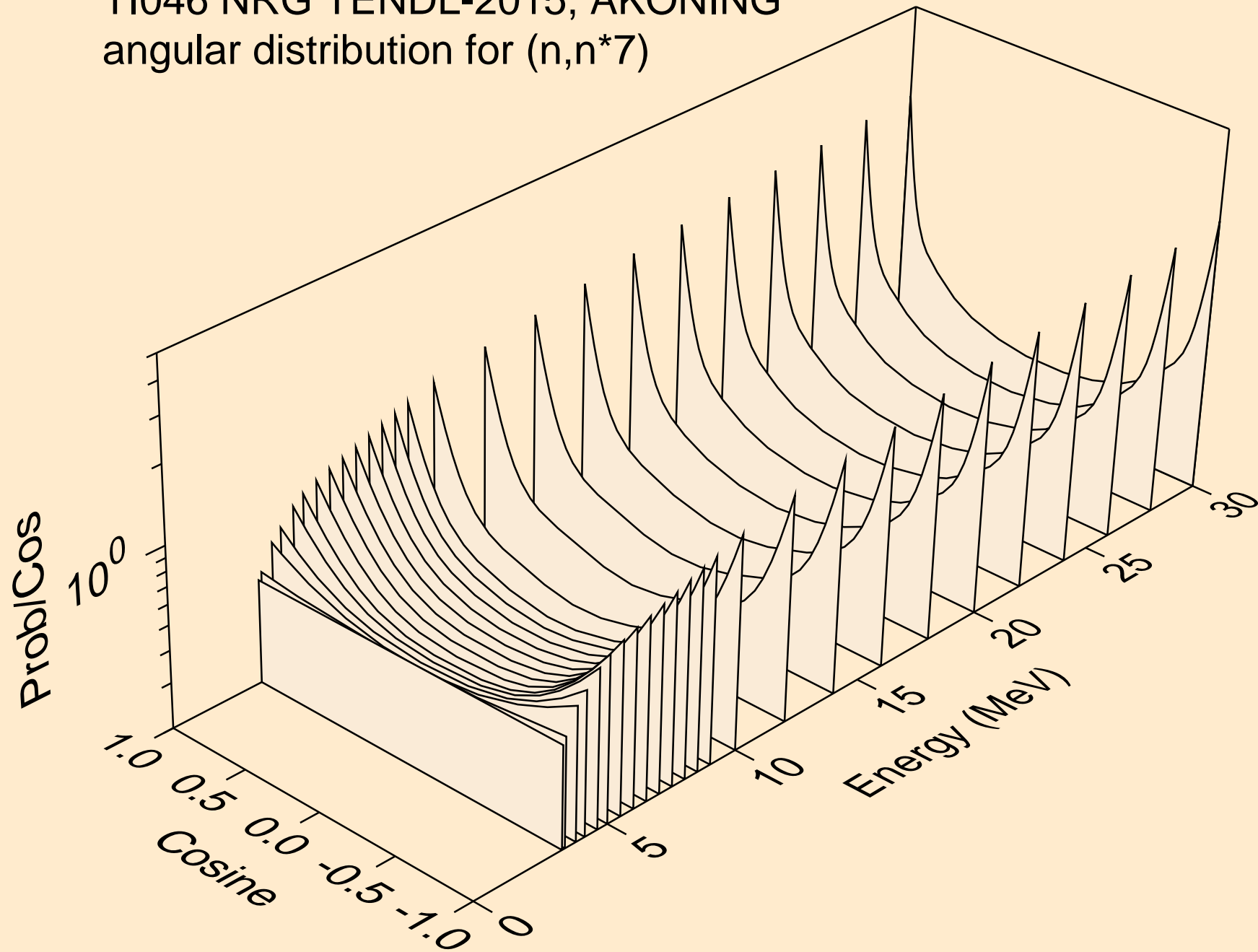
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

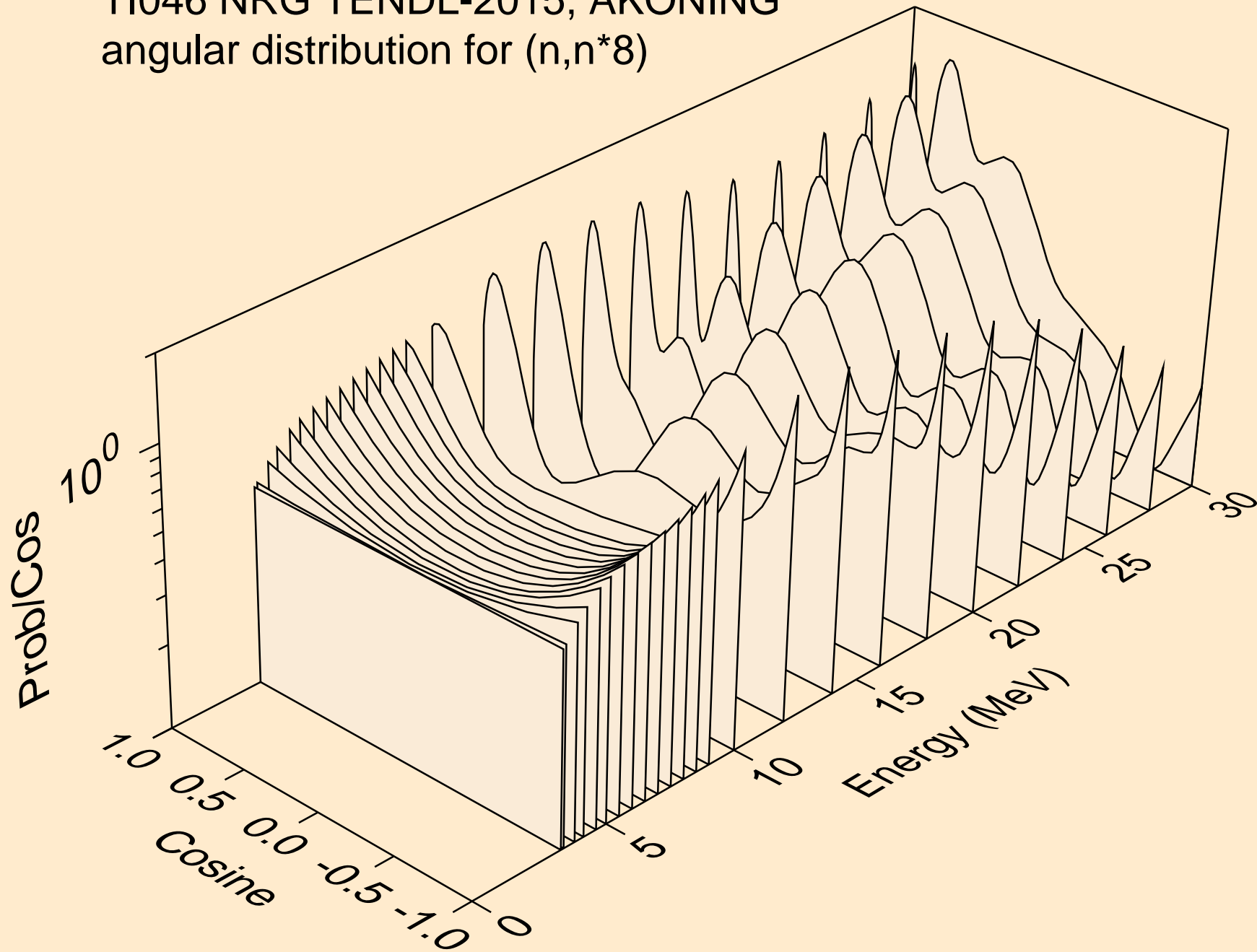


TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

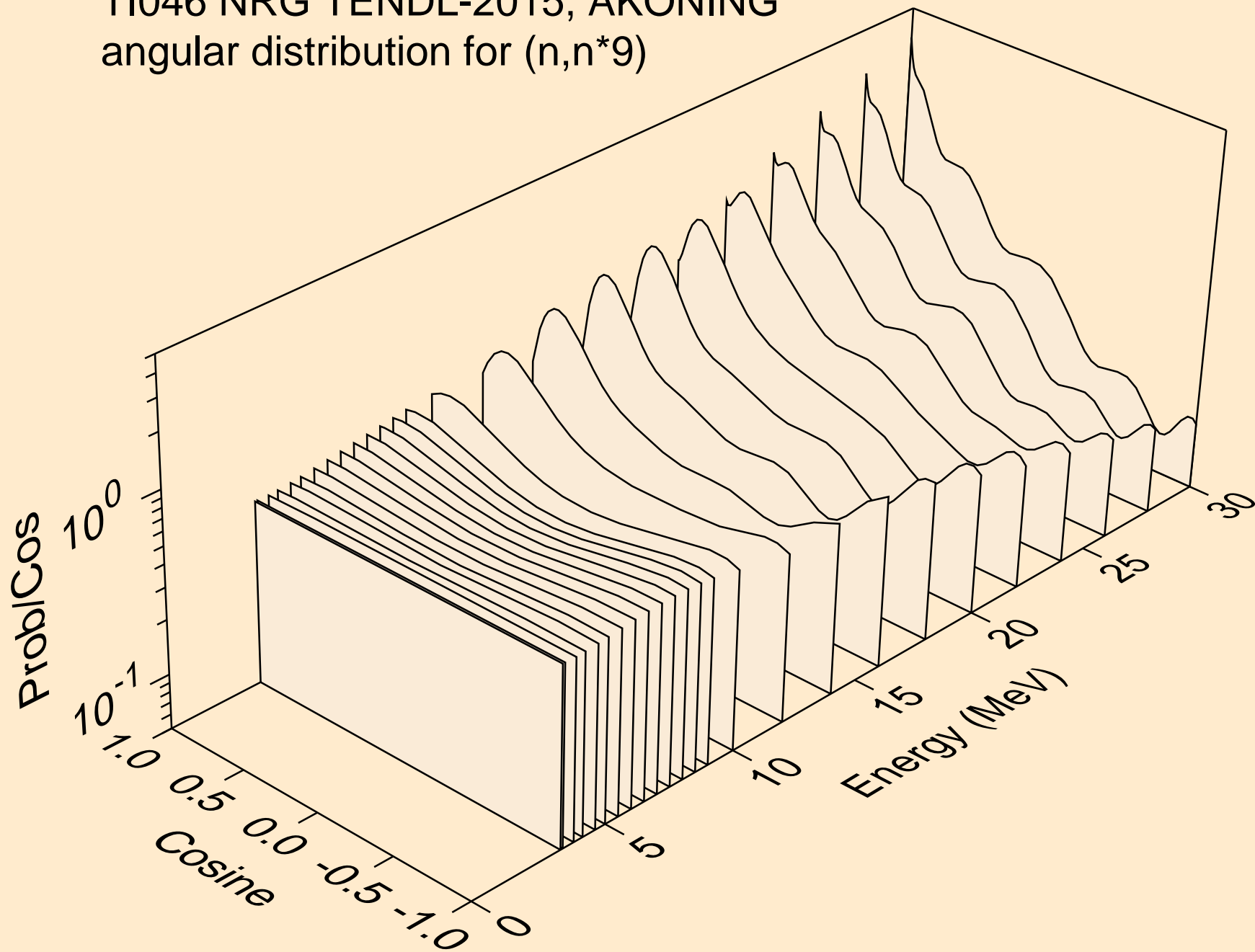




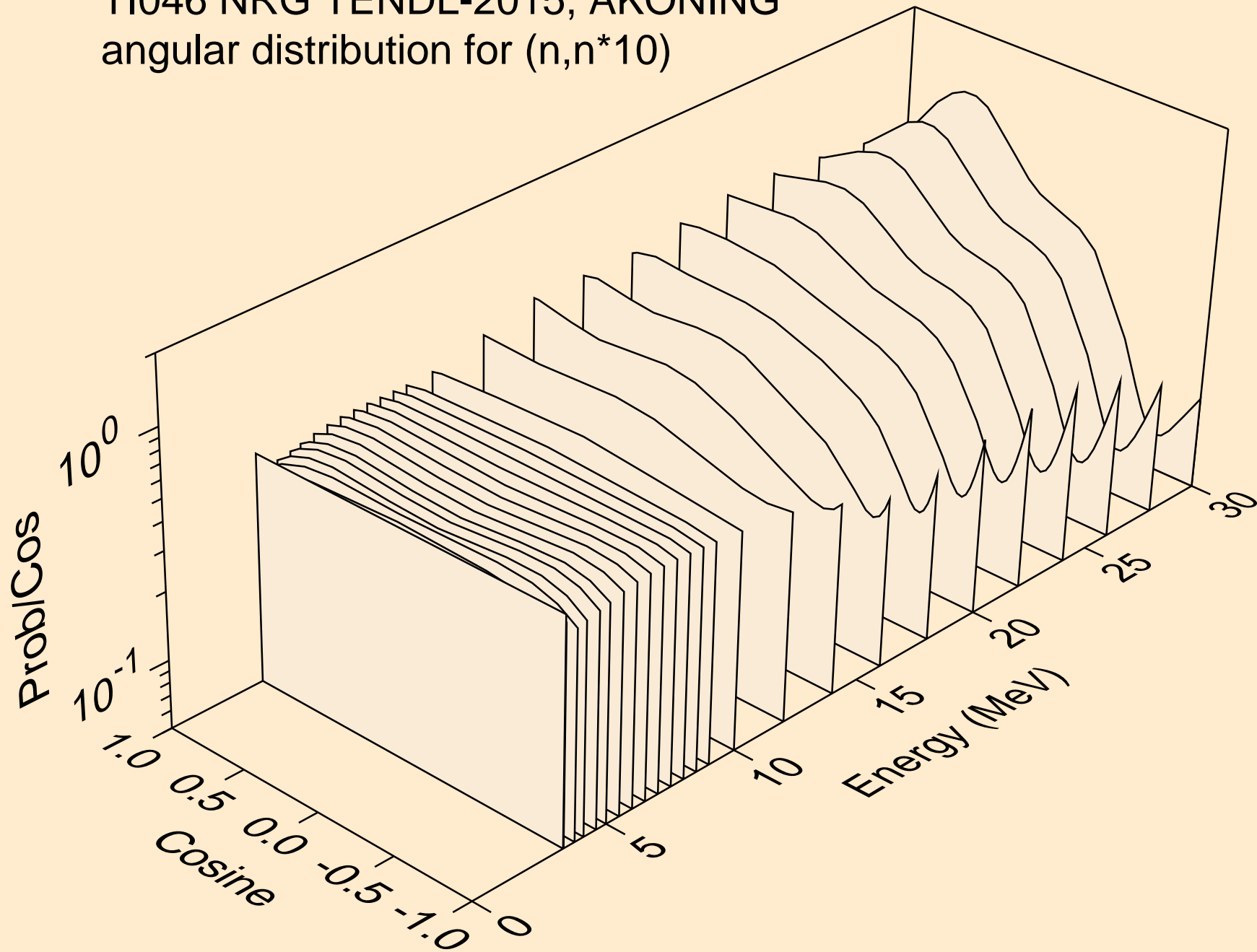
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



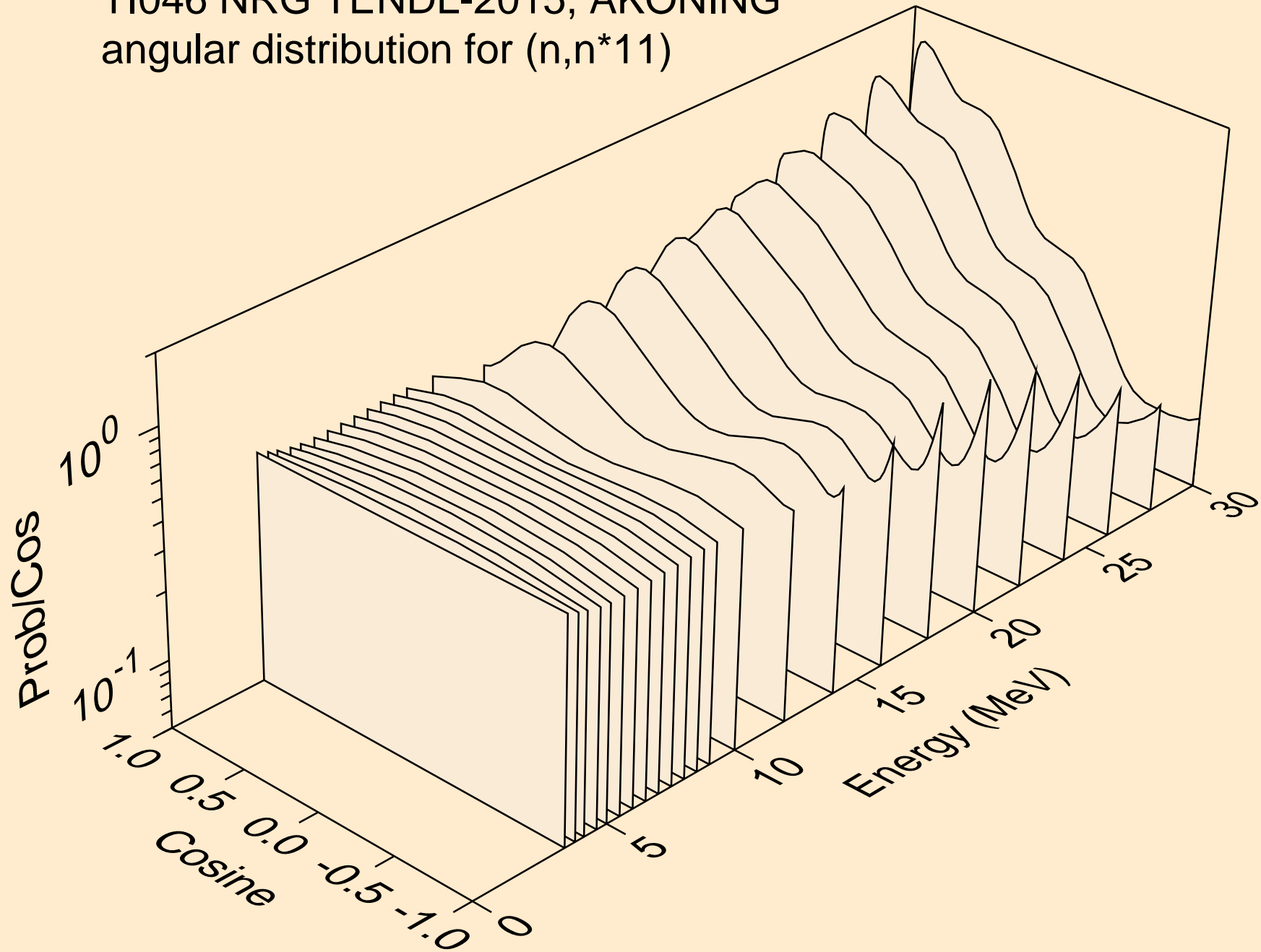
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



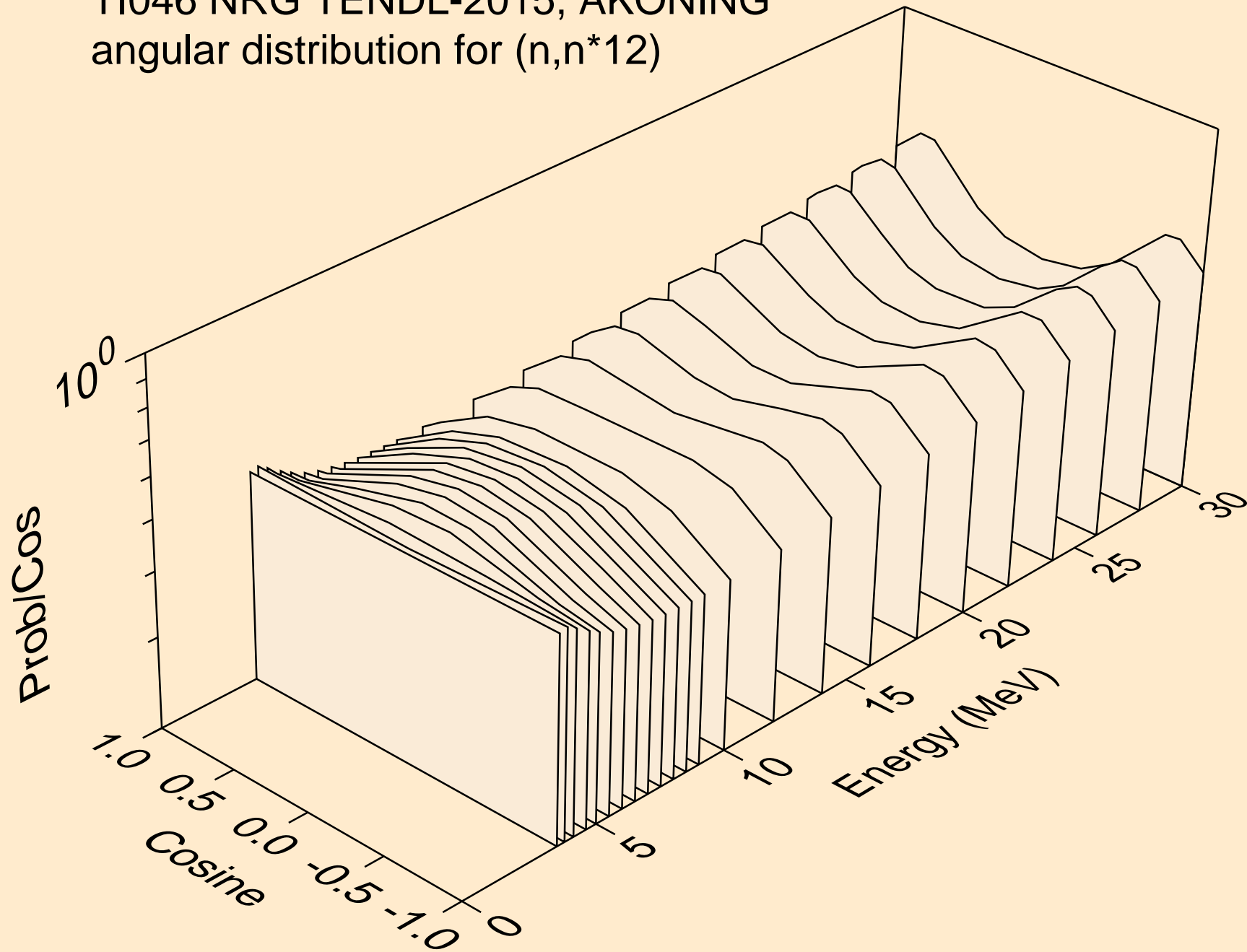
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



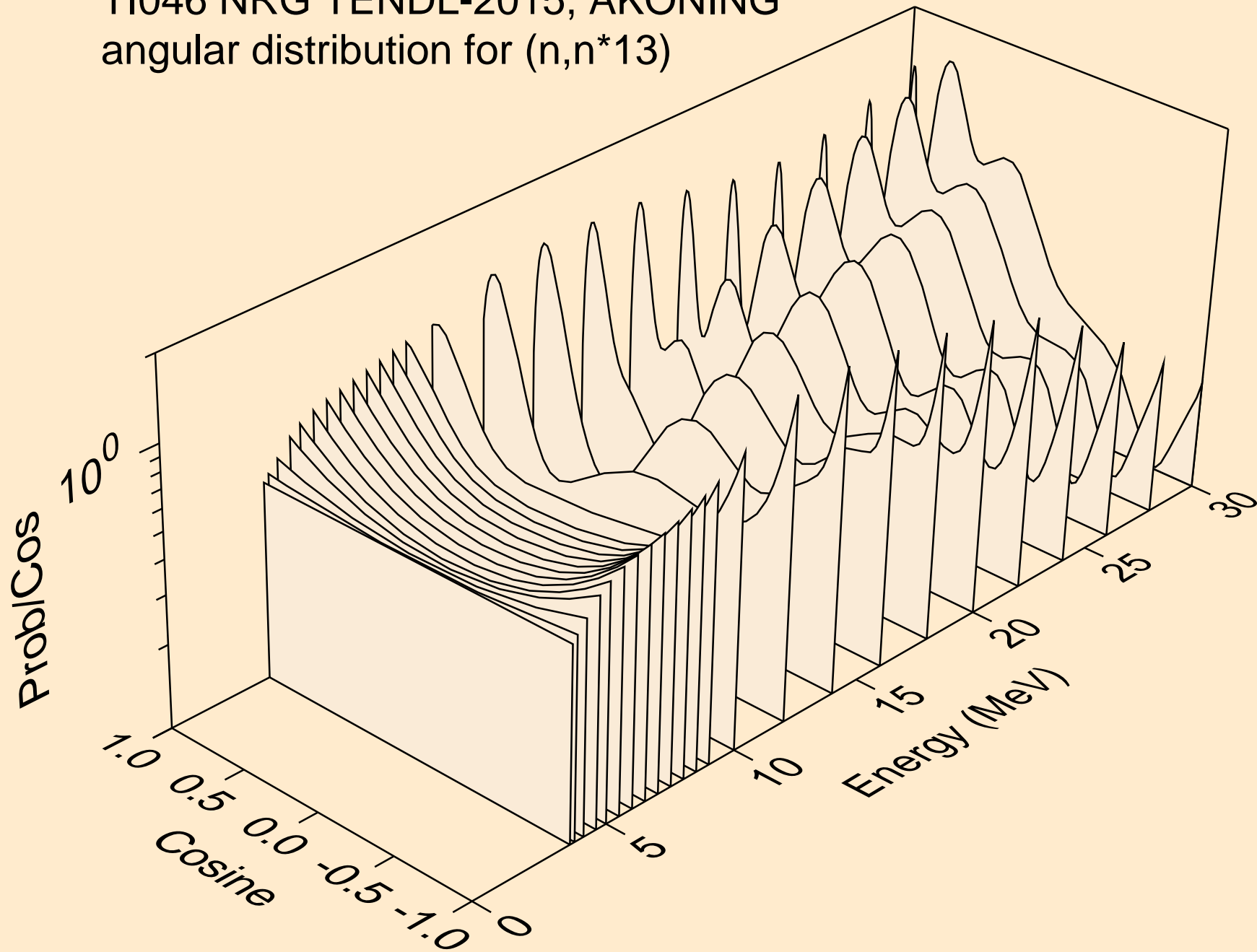
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



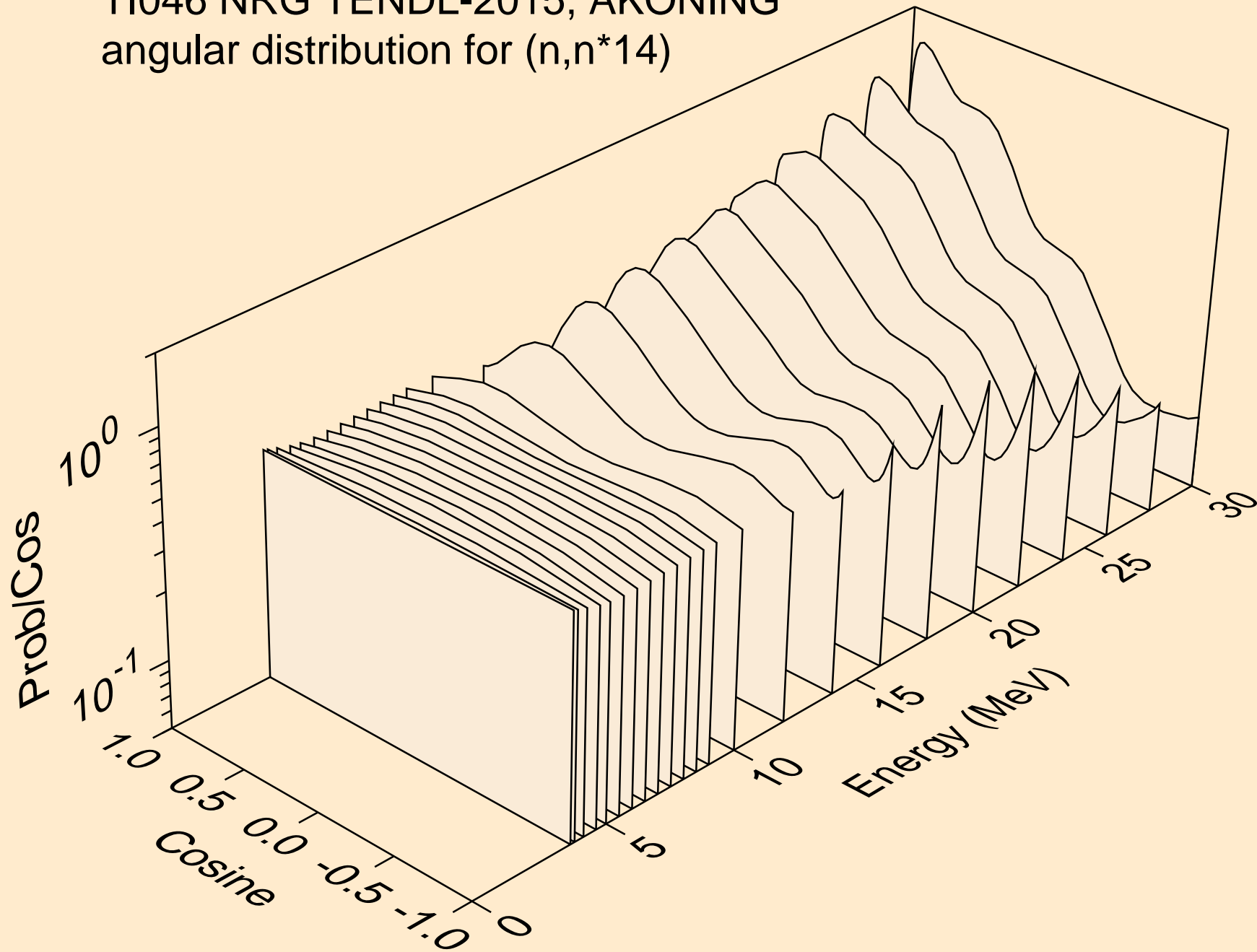
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



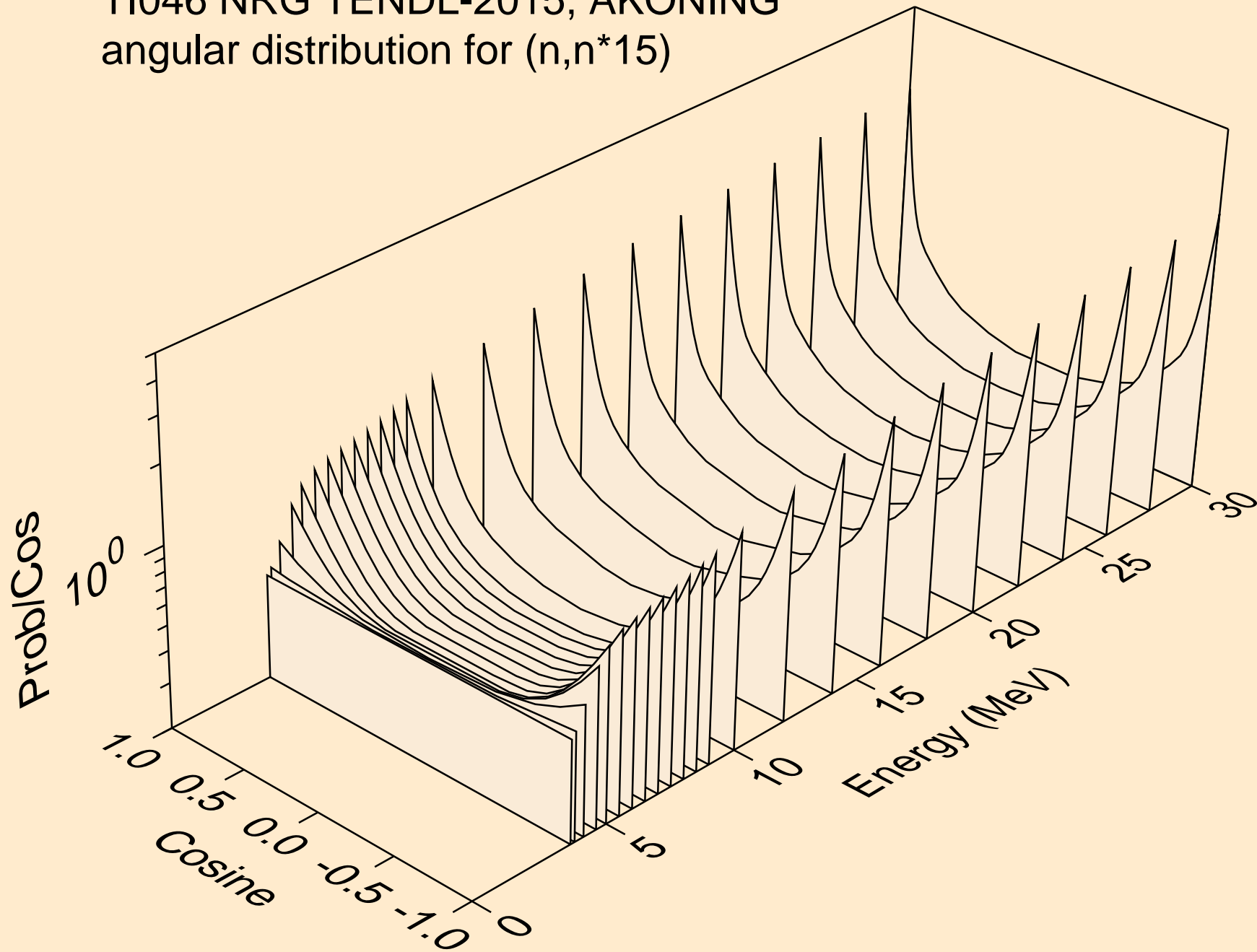
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

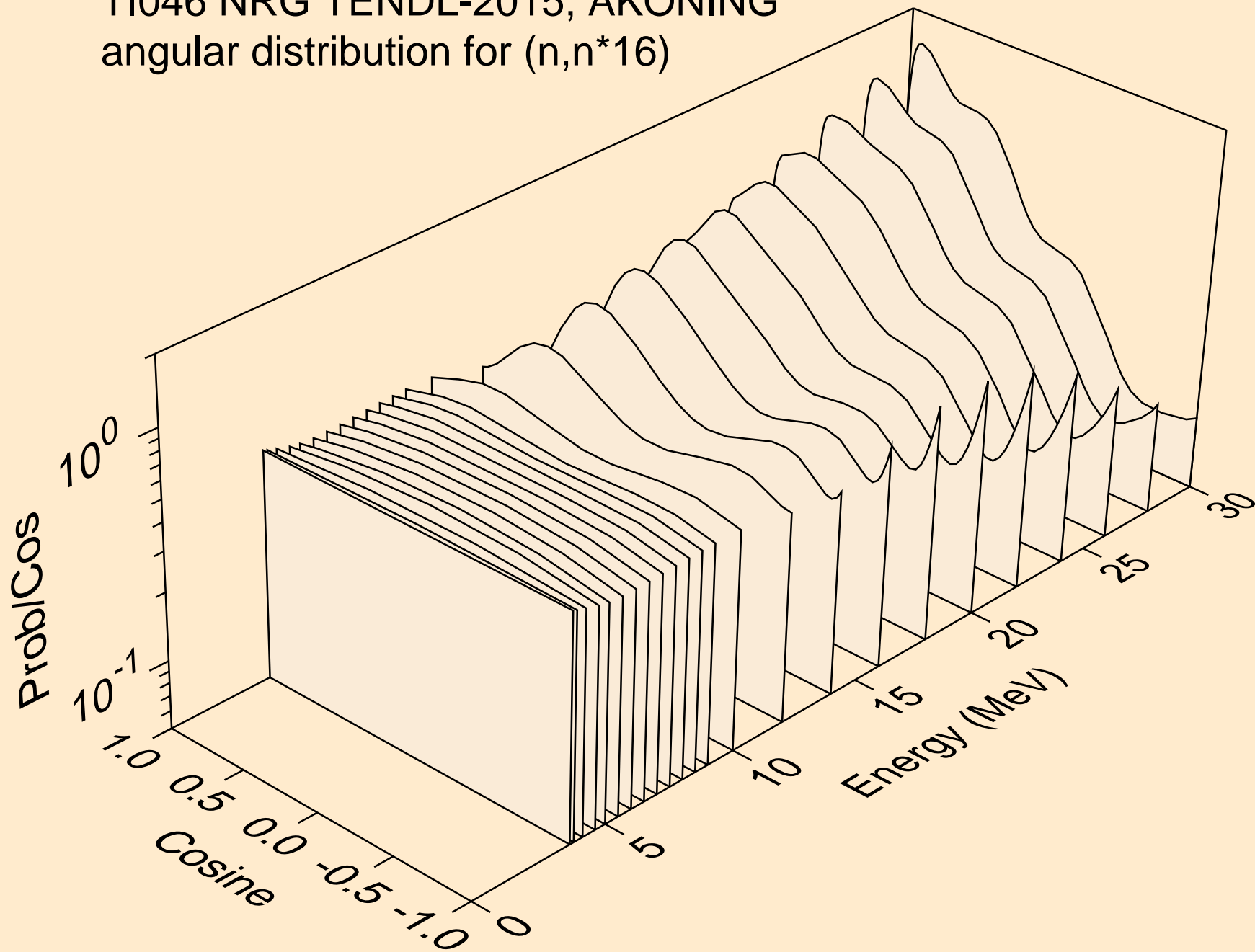


TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

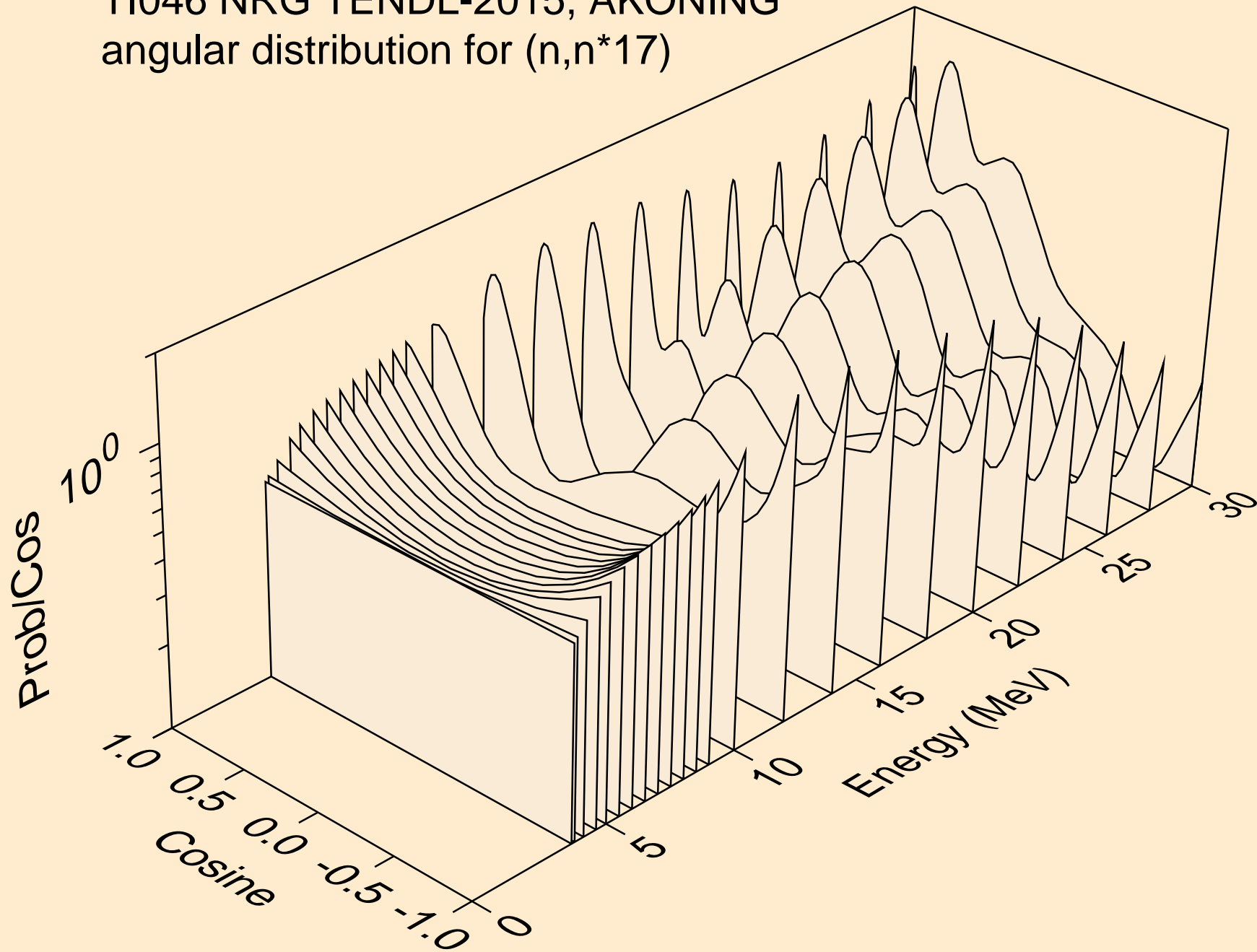




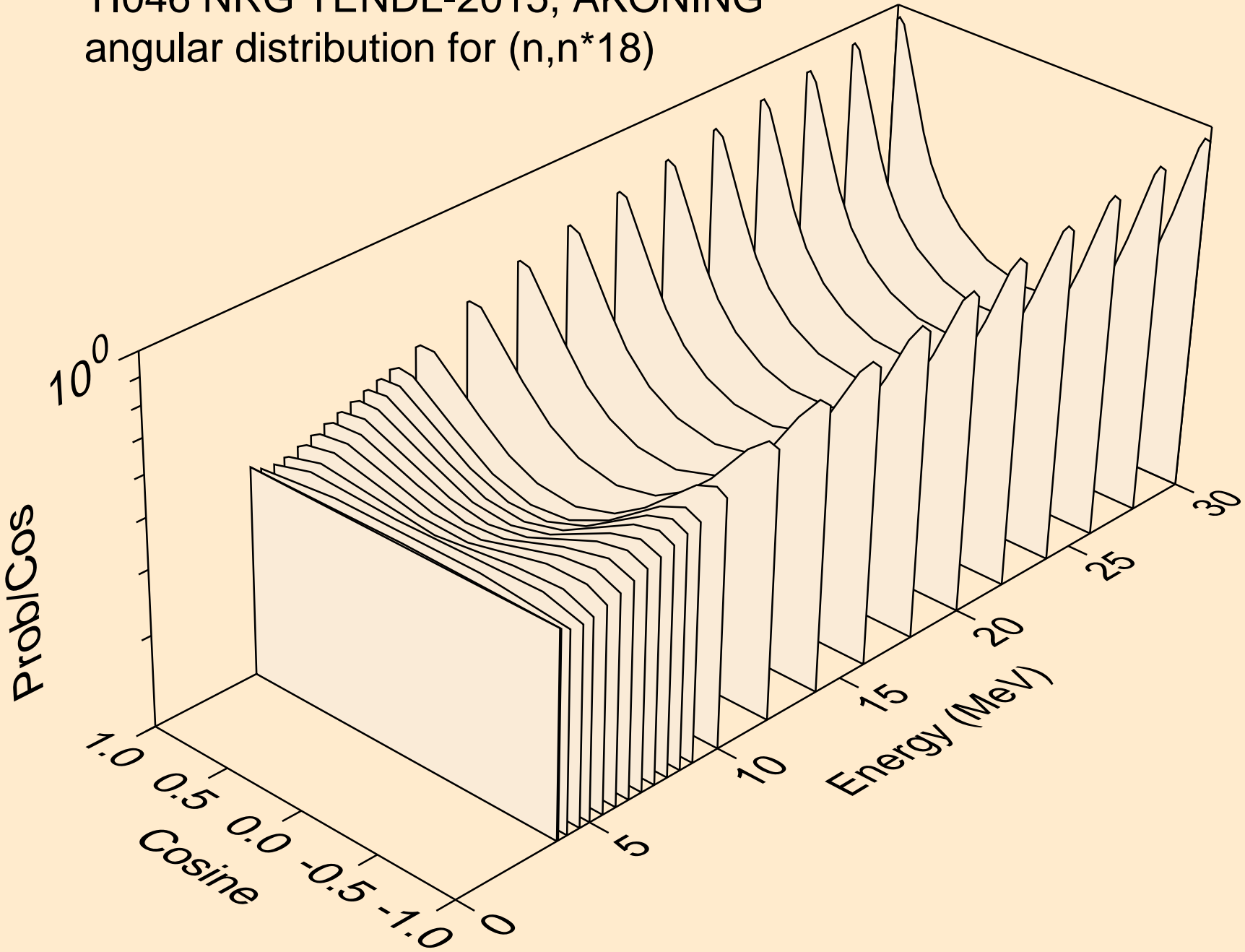
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



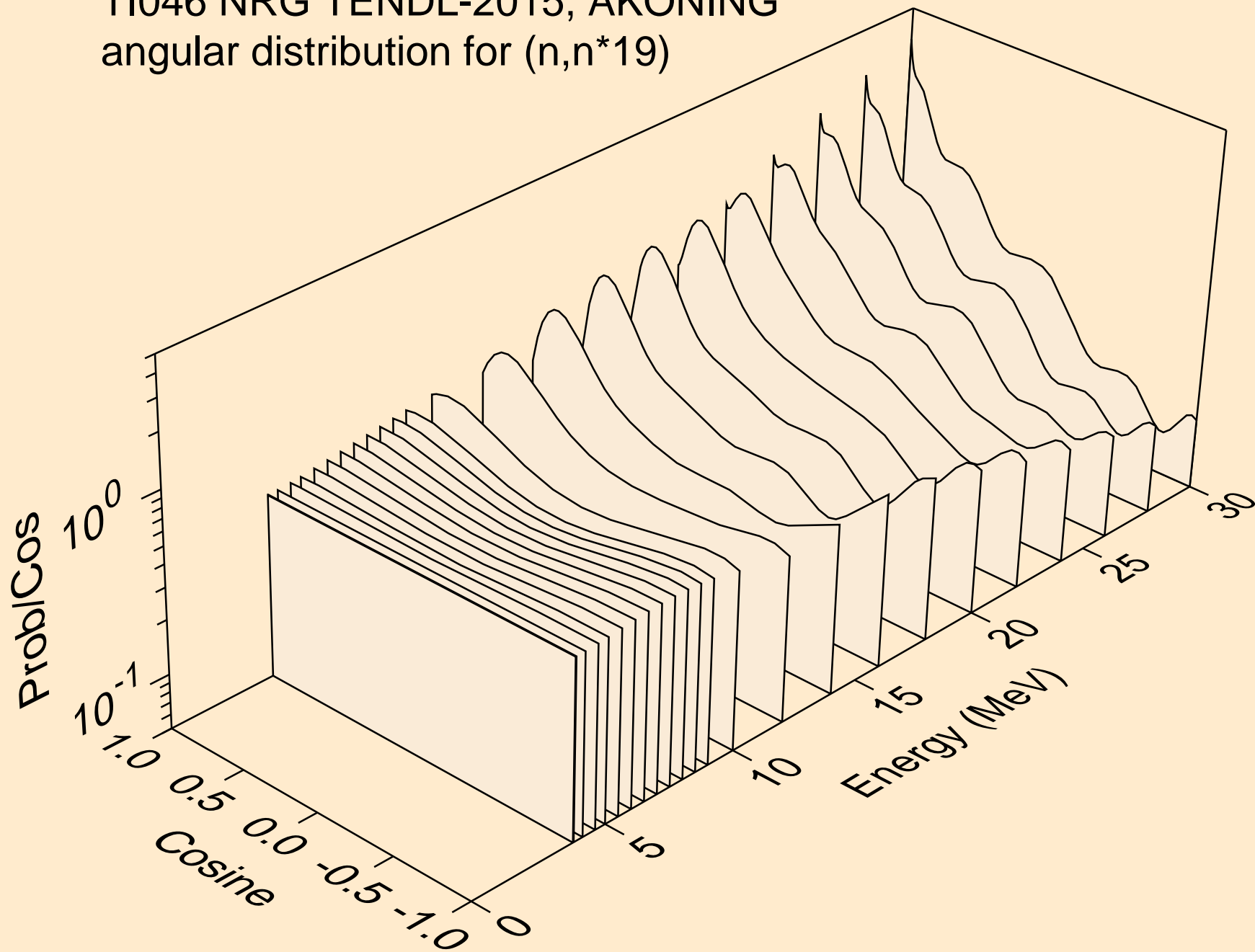
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



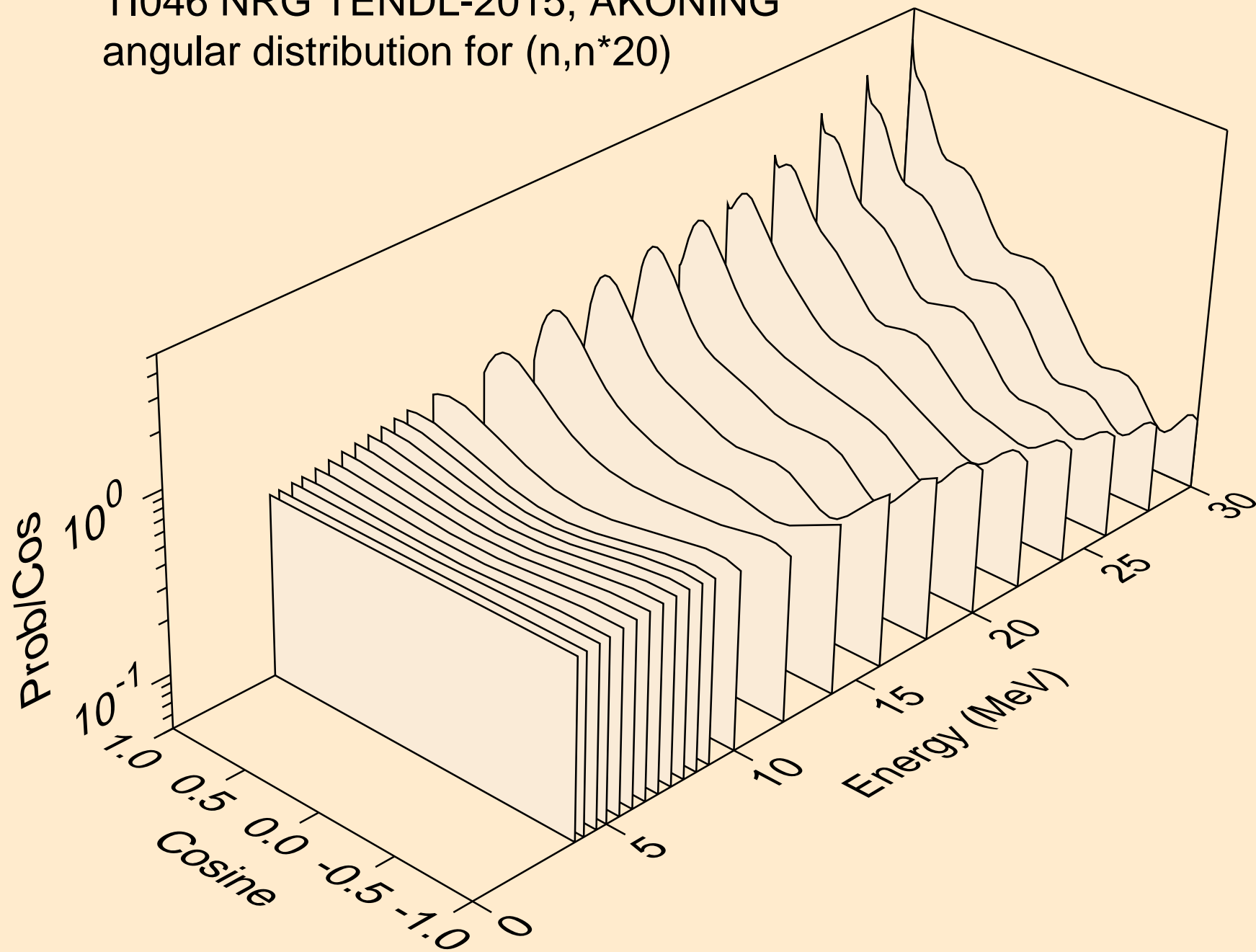
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



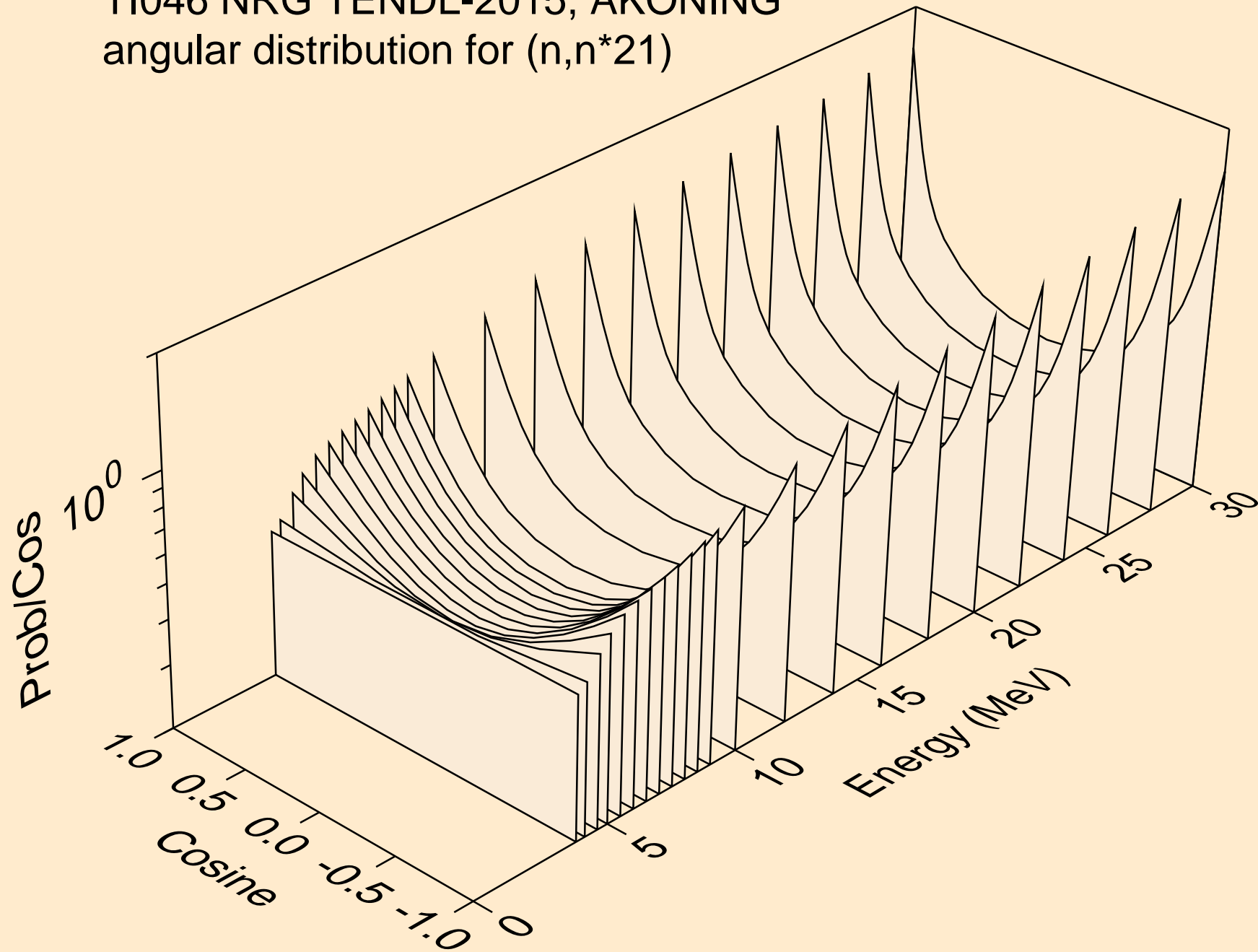
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



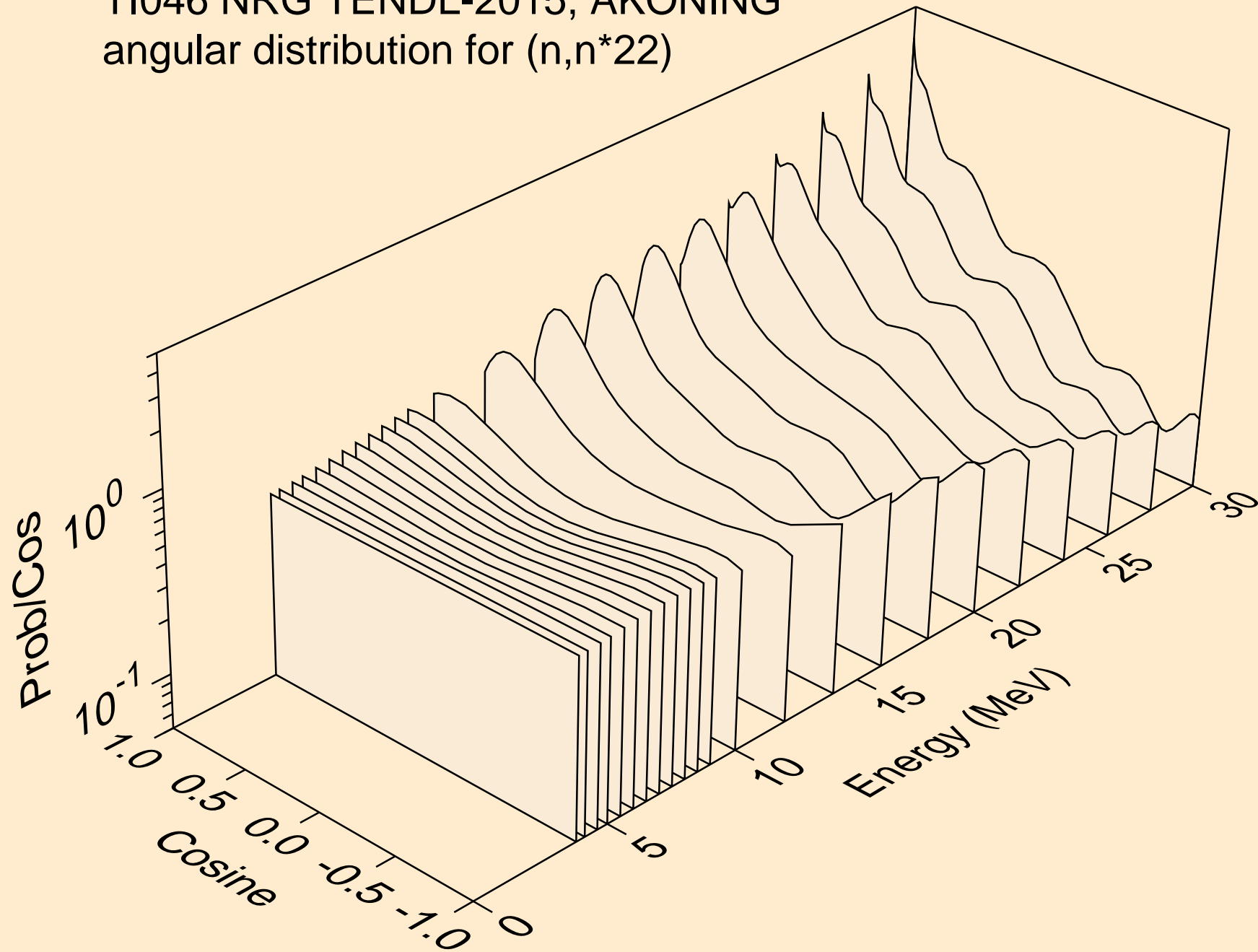
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



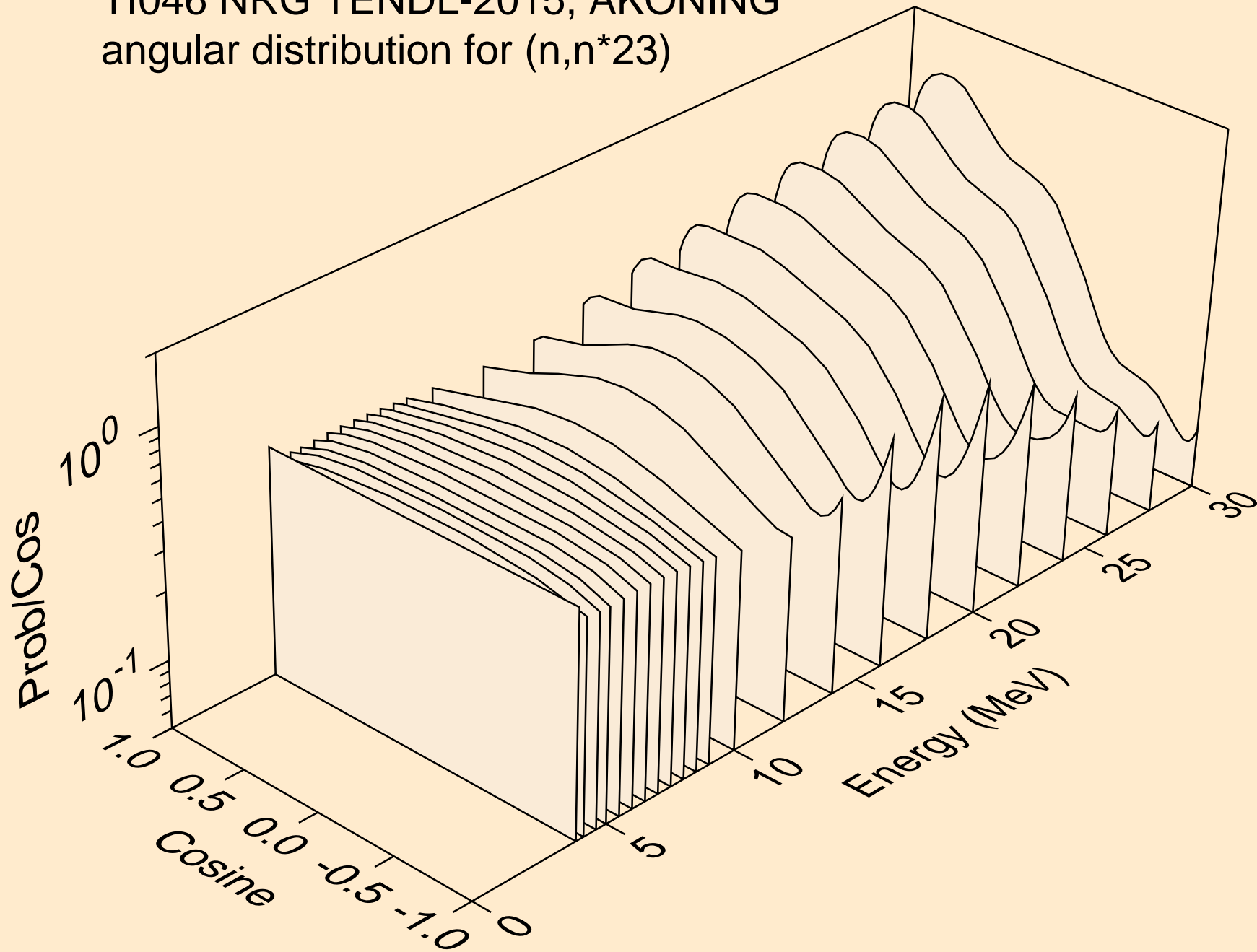
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

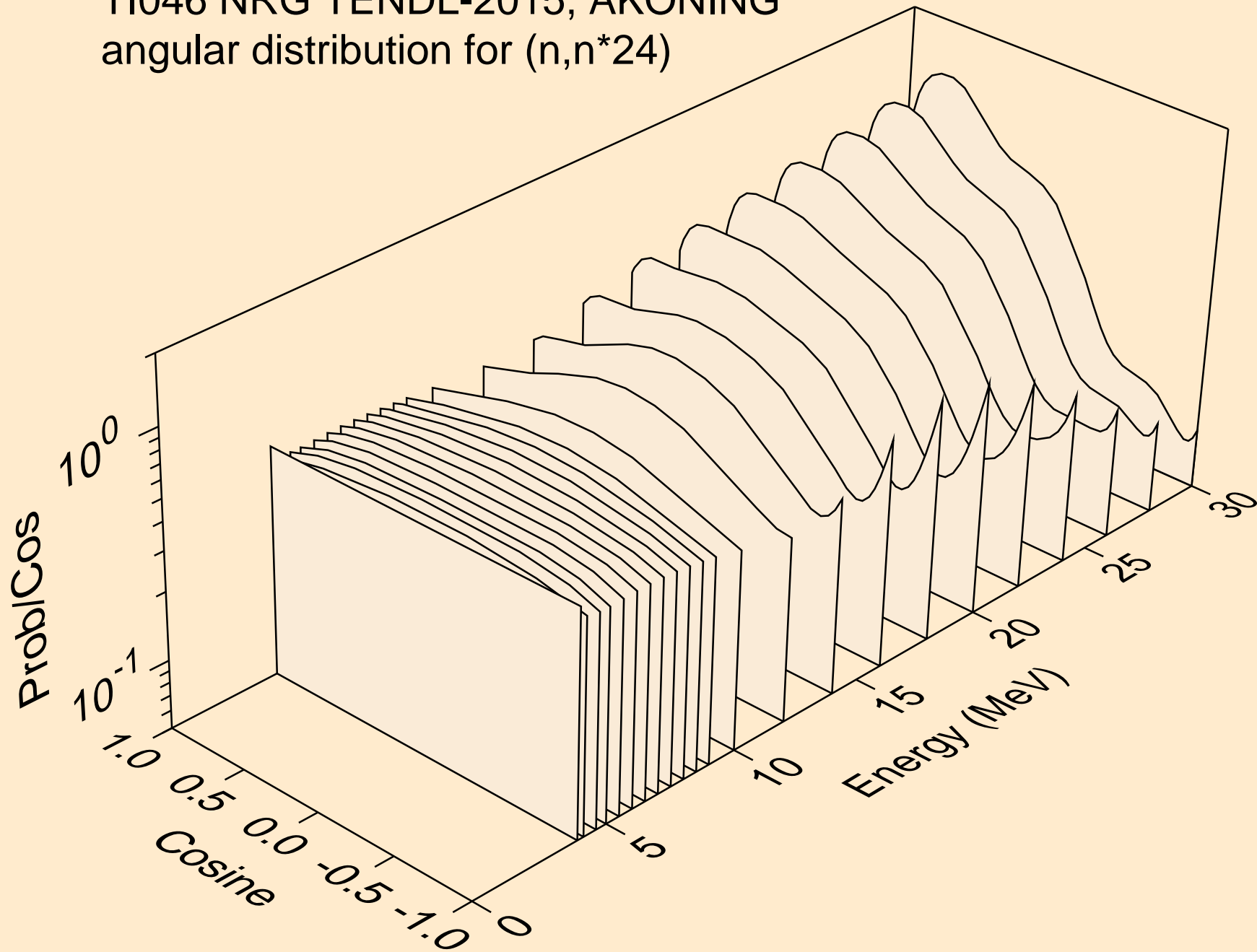


TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

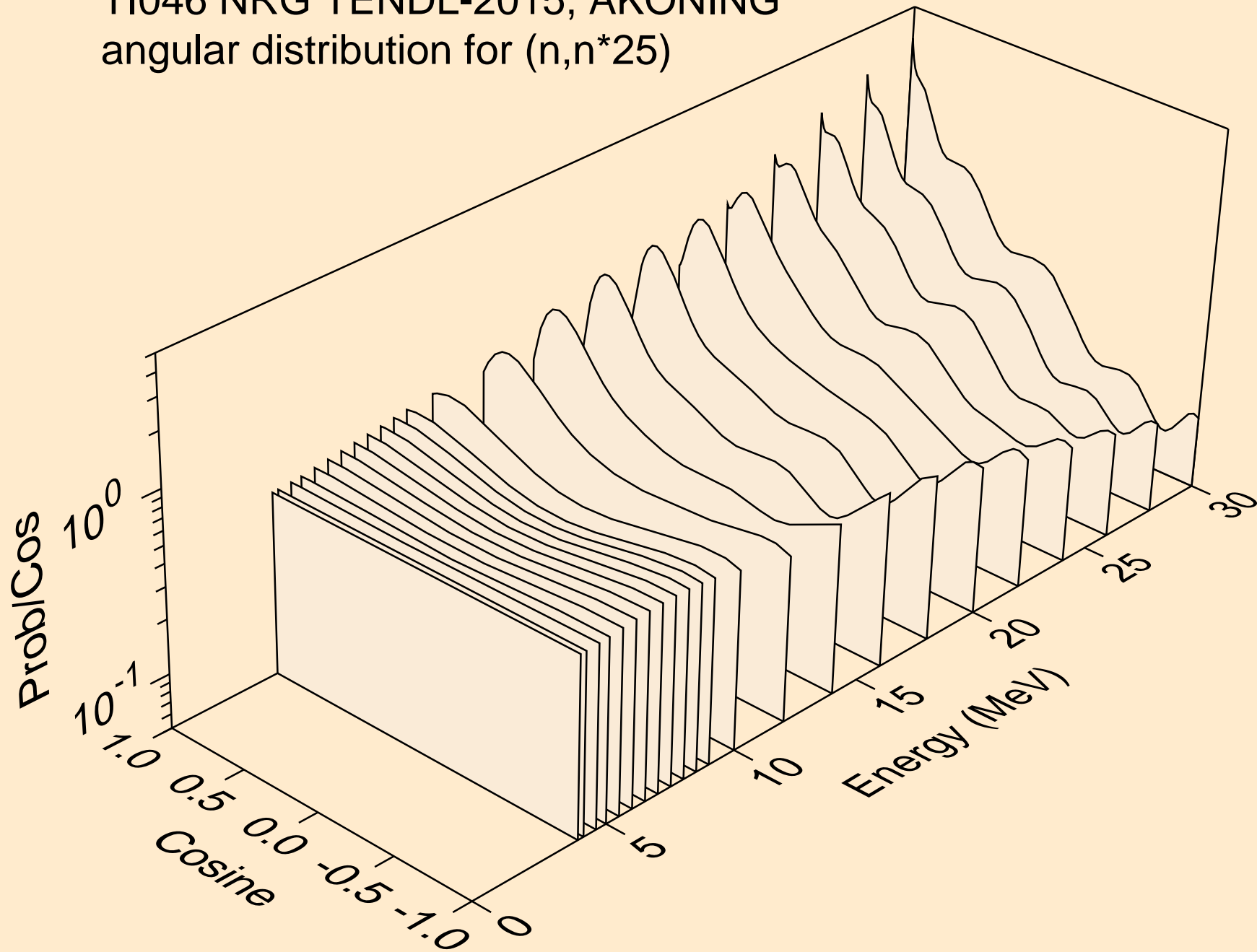




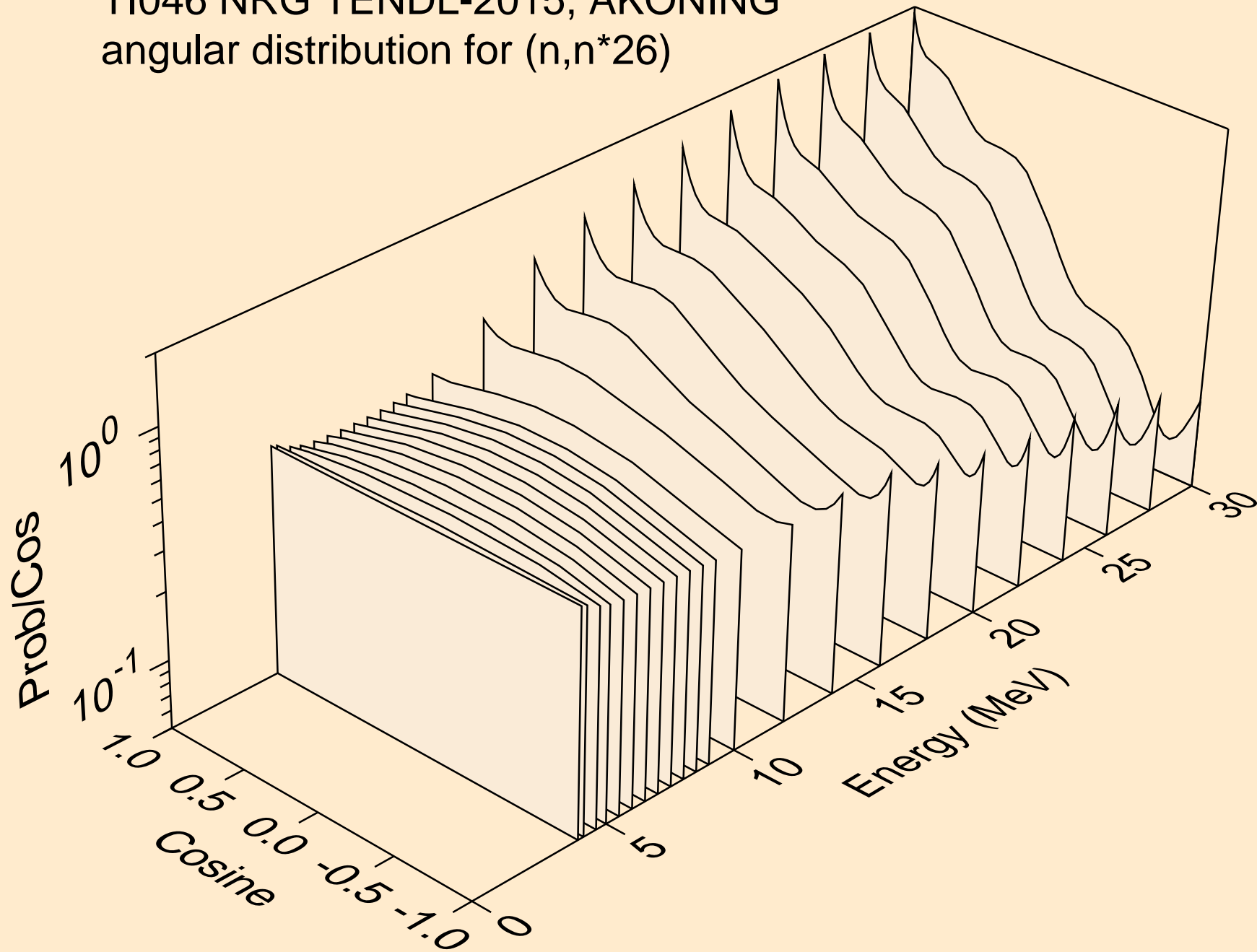
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



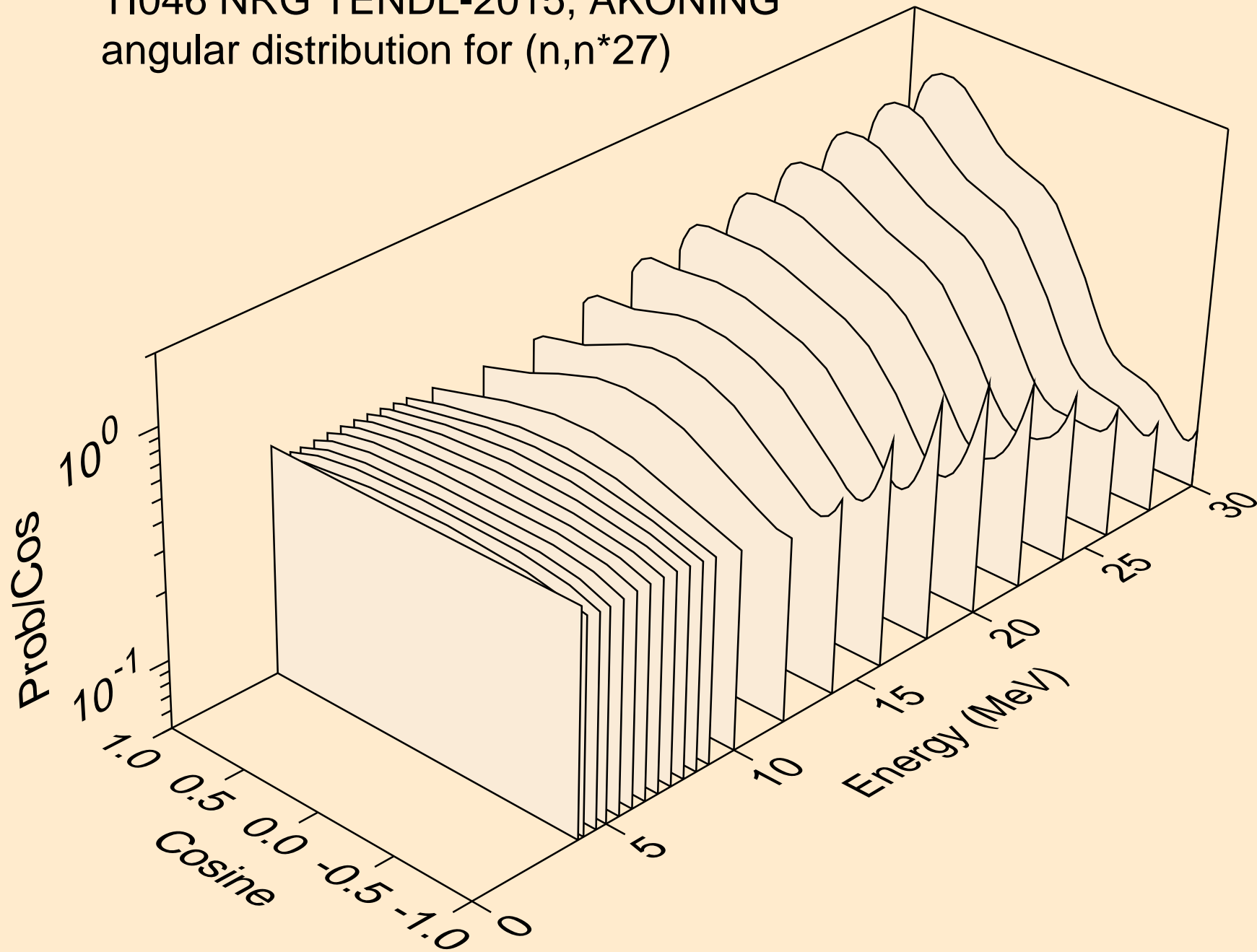
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



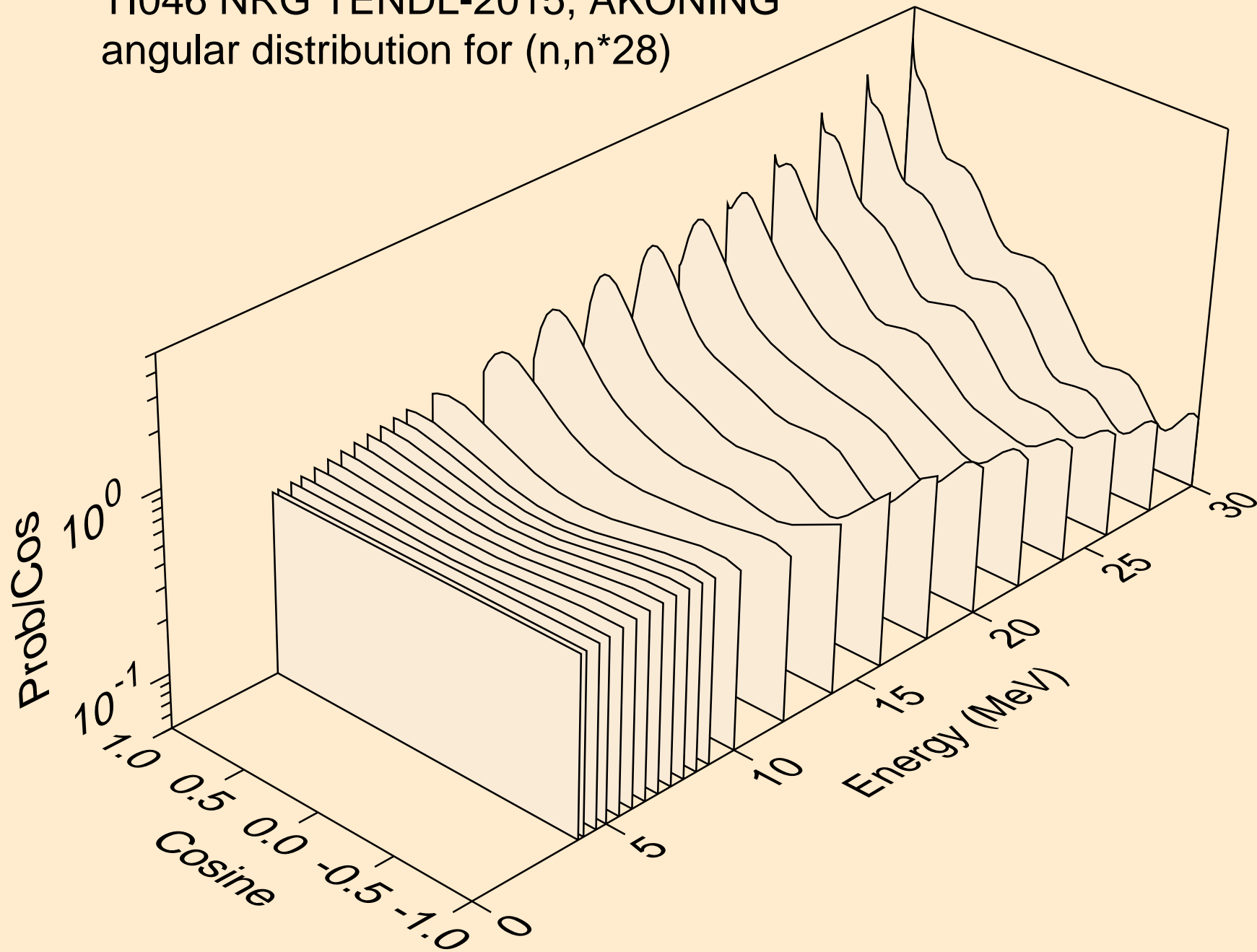
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



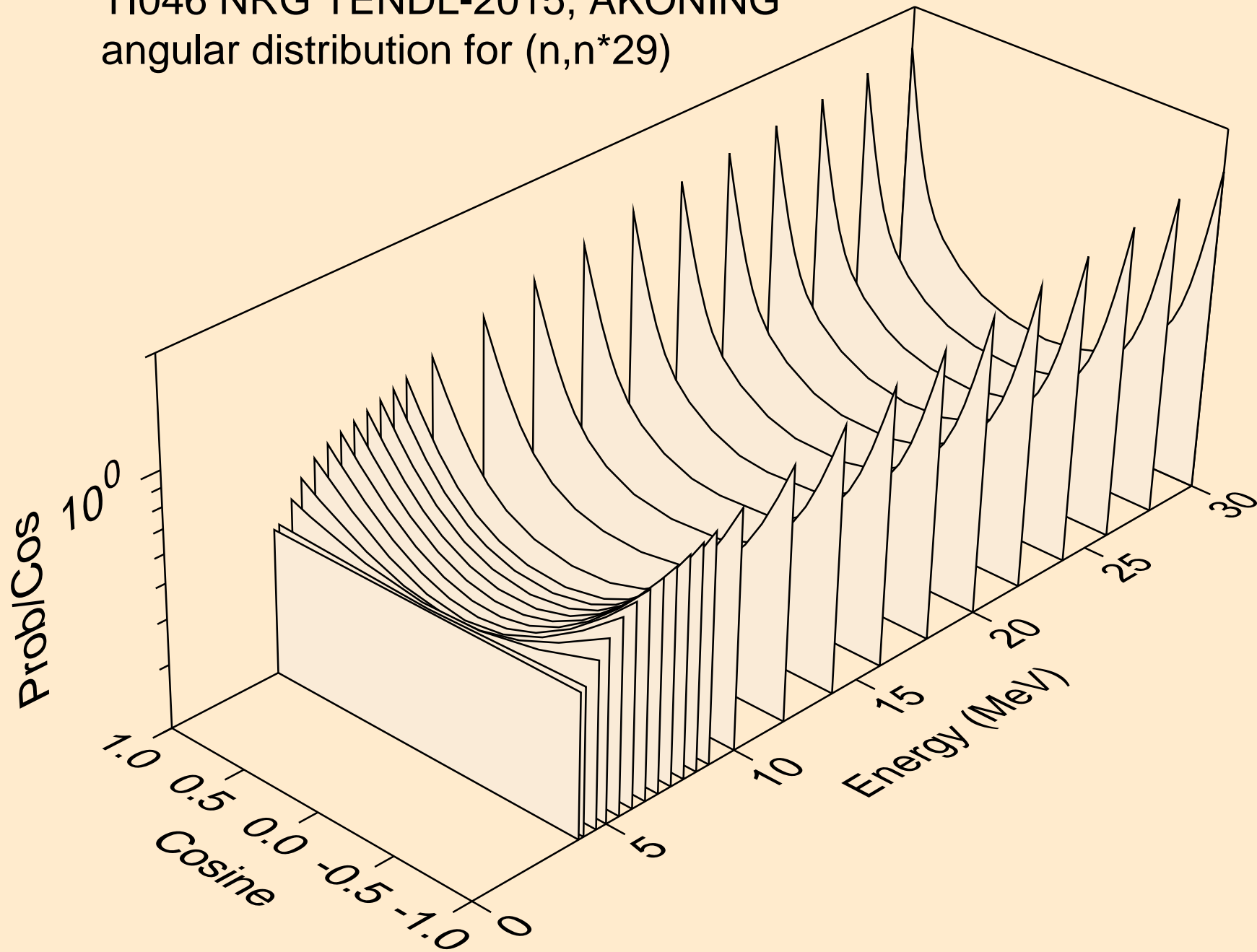
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angular distribution for (n,n\*27)



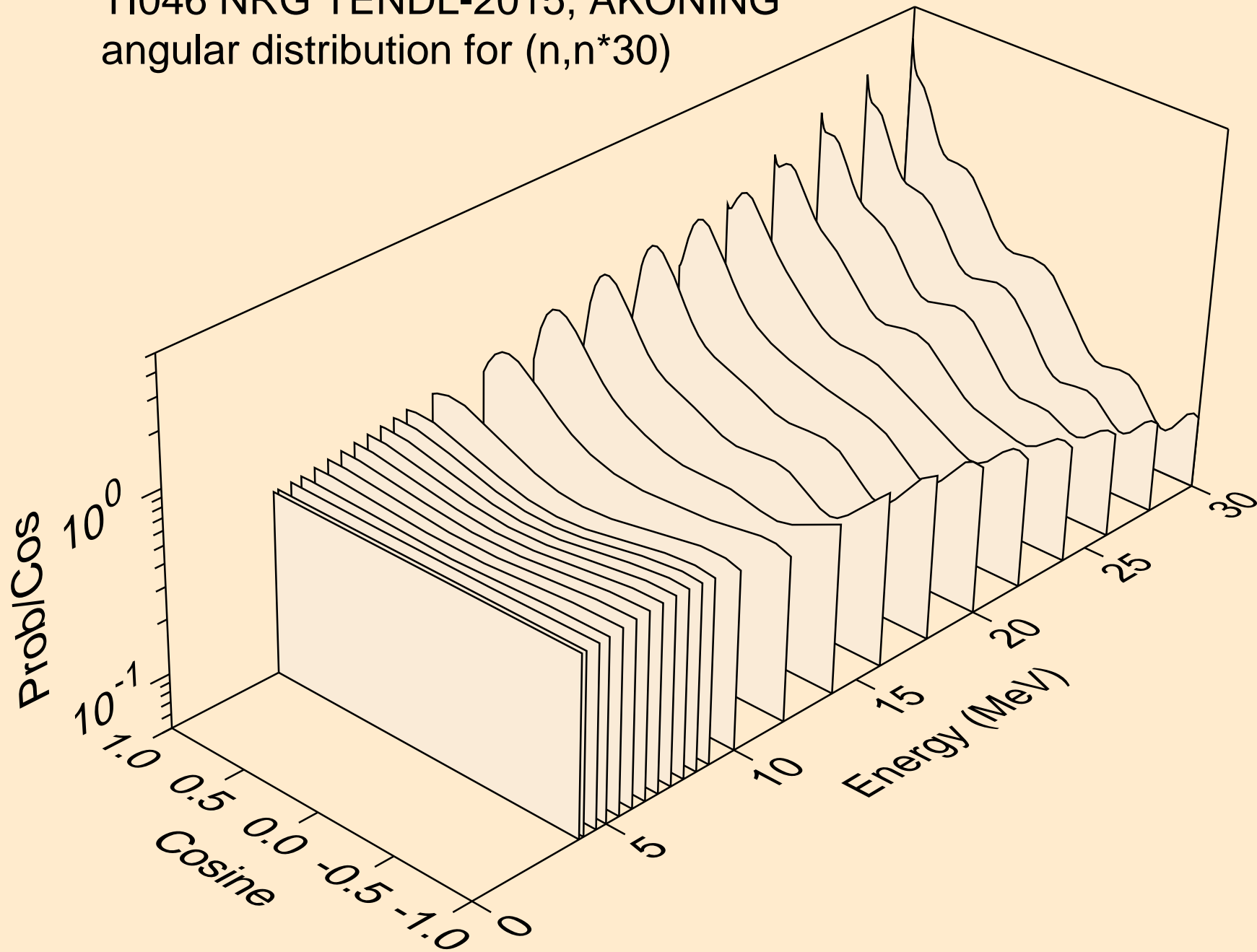
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



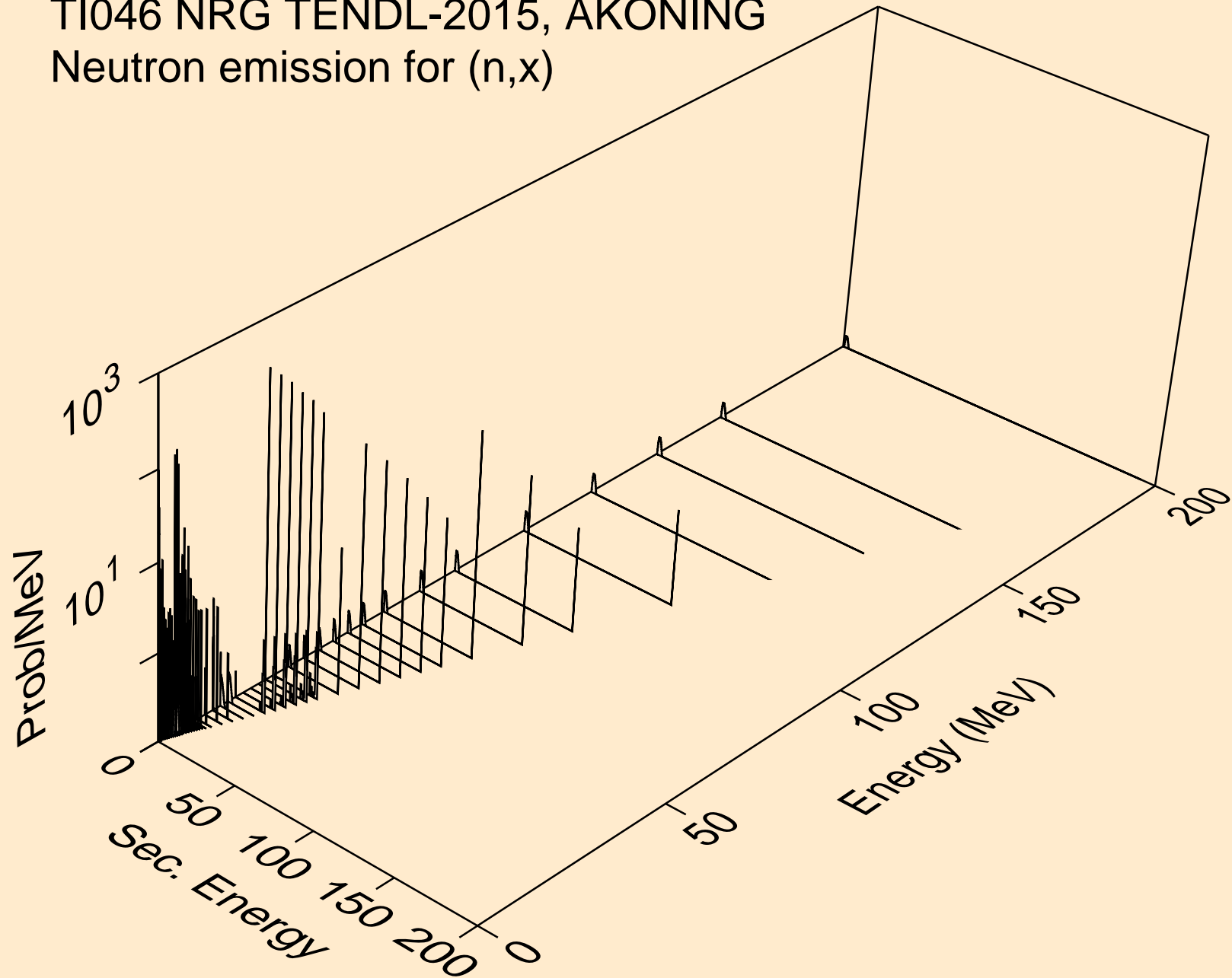
TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



TI046 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

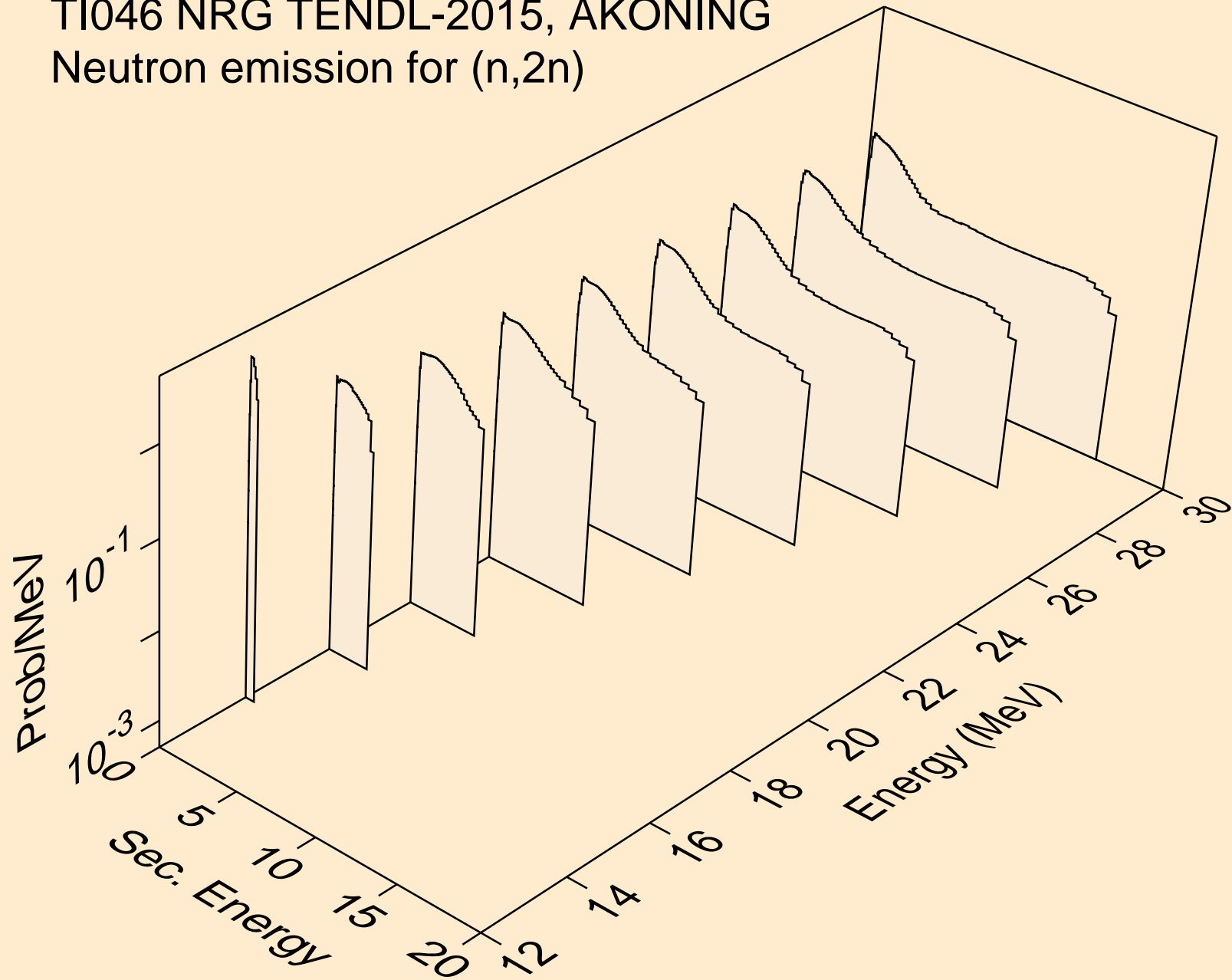


TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

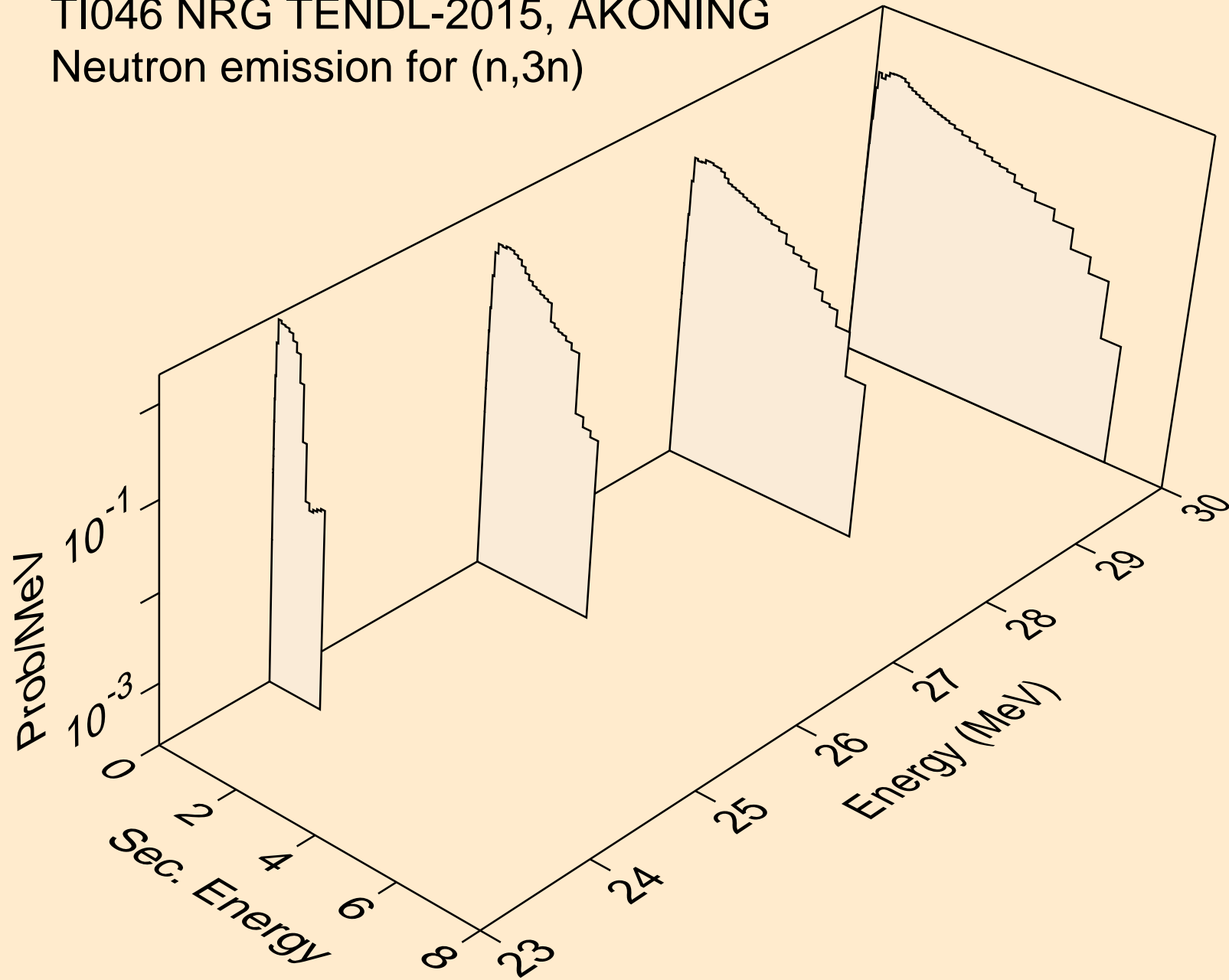




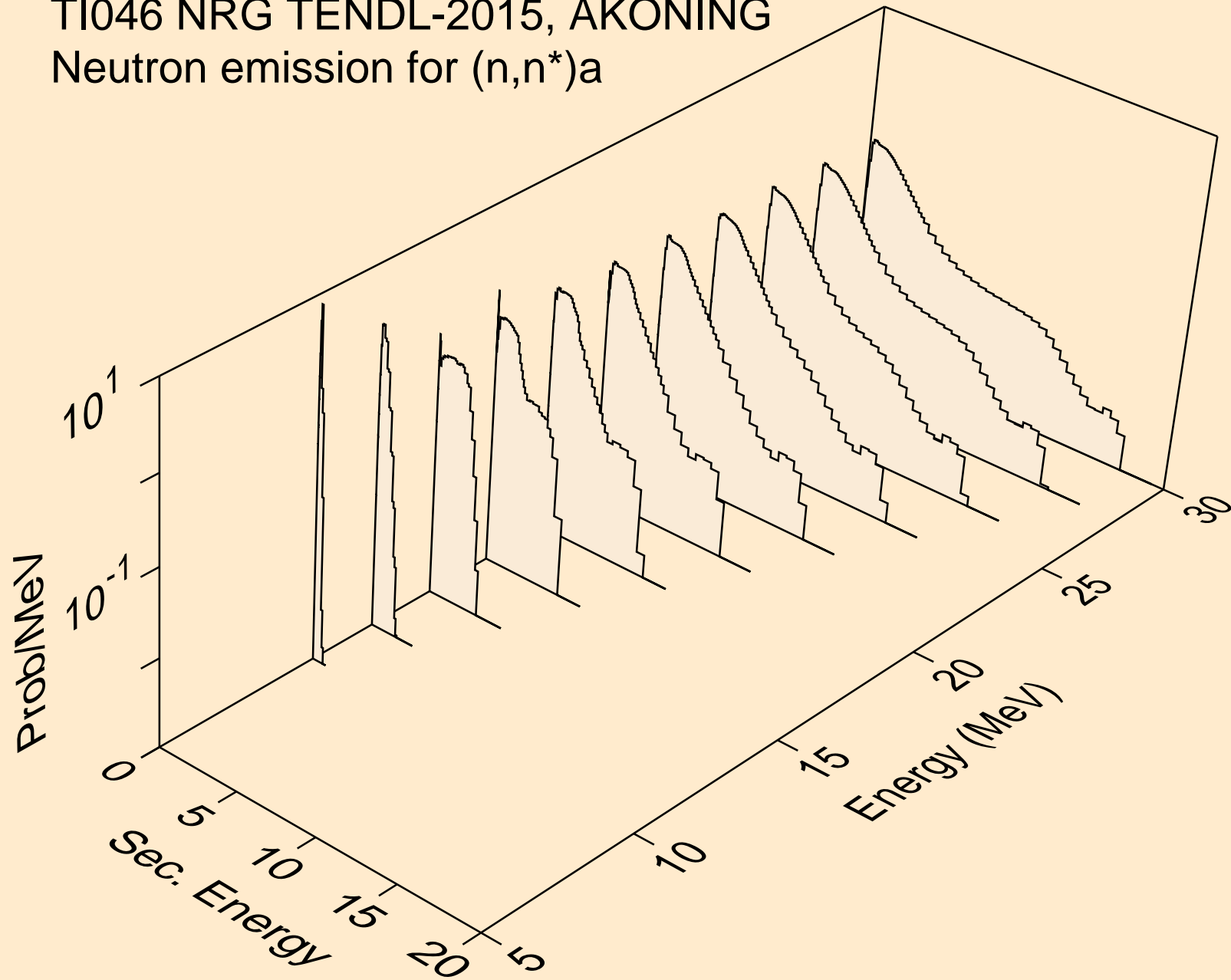
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



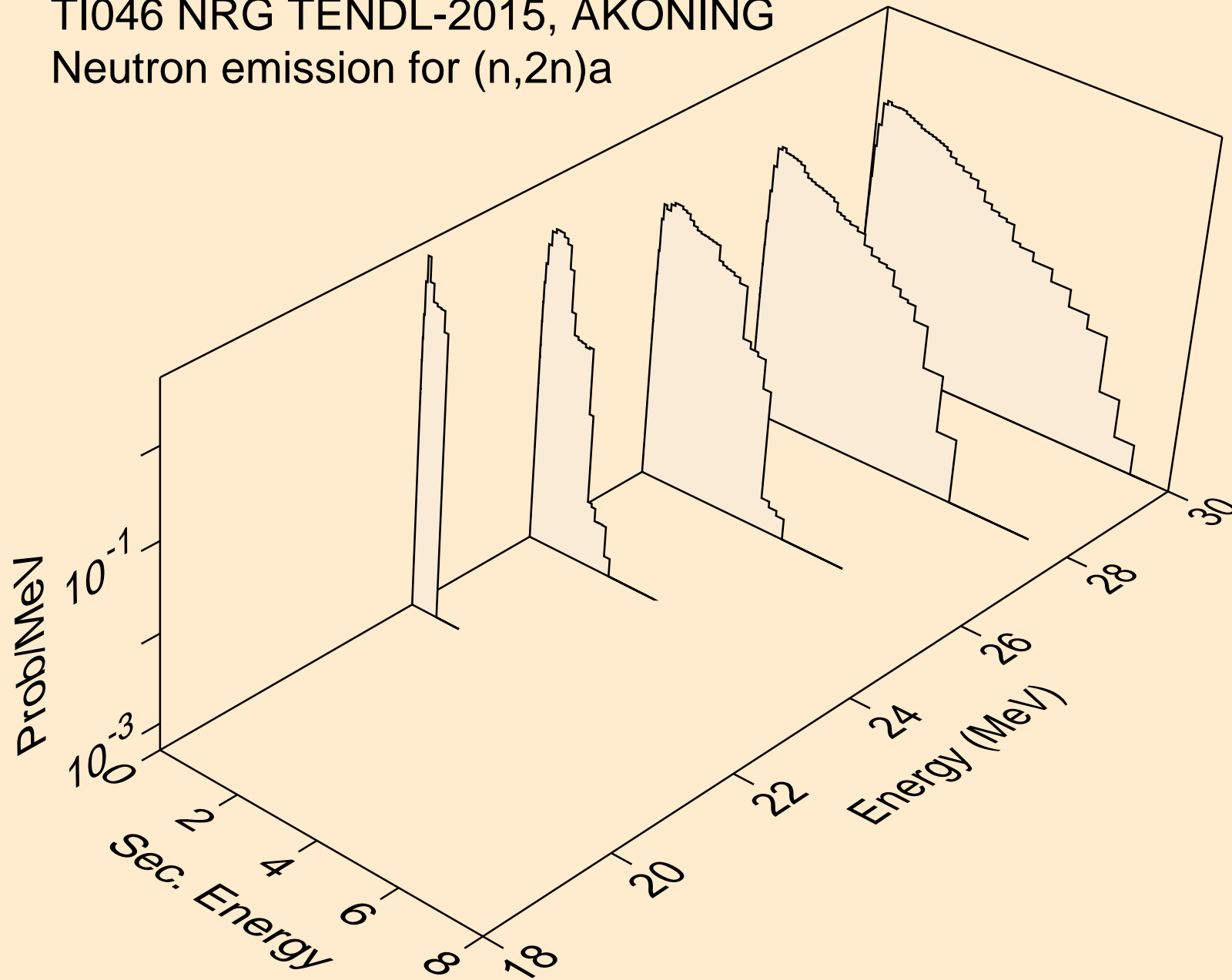
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



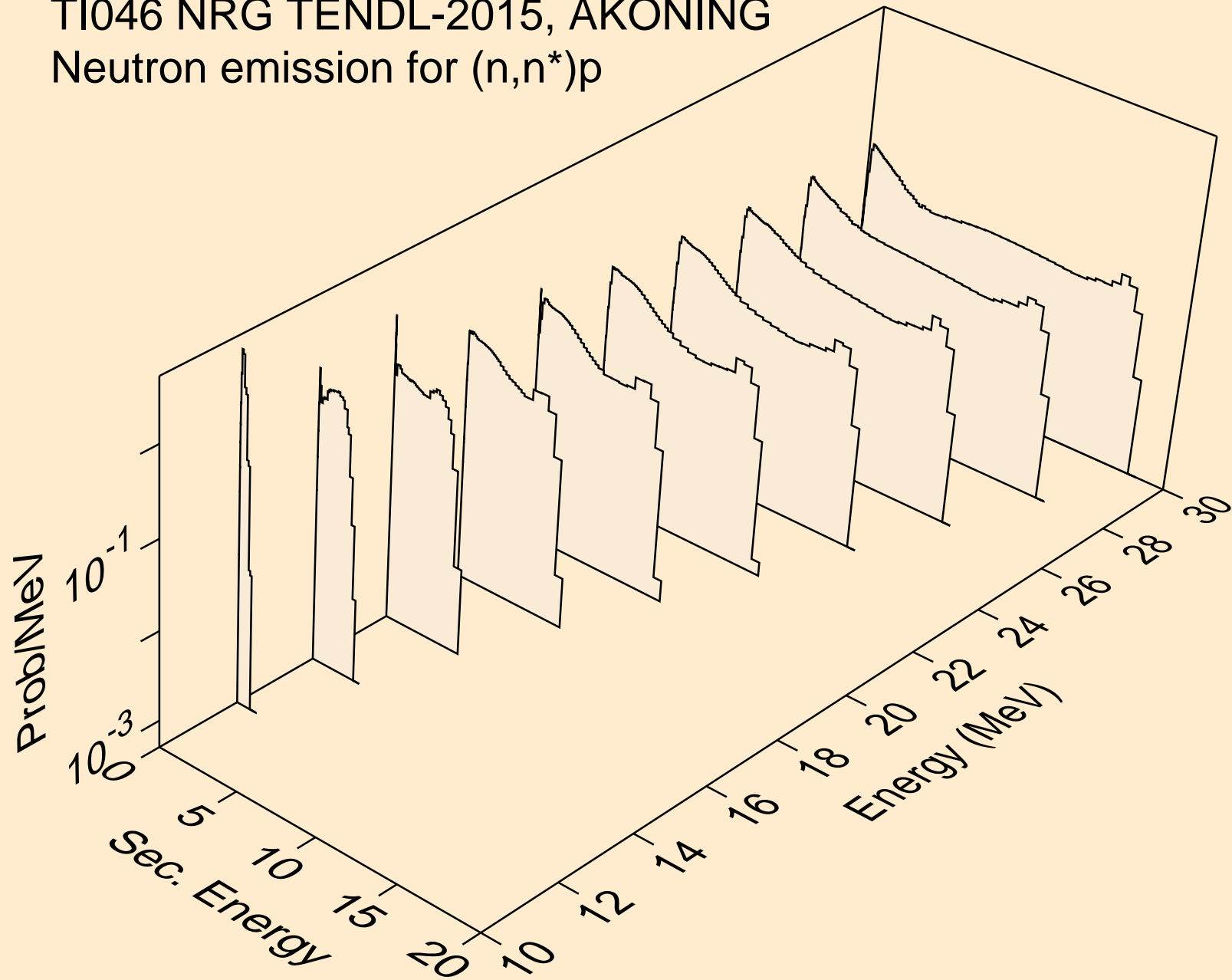
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



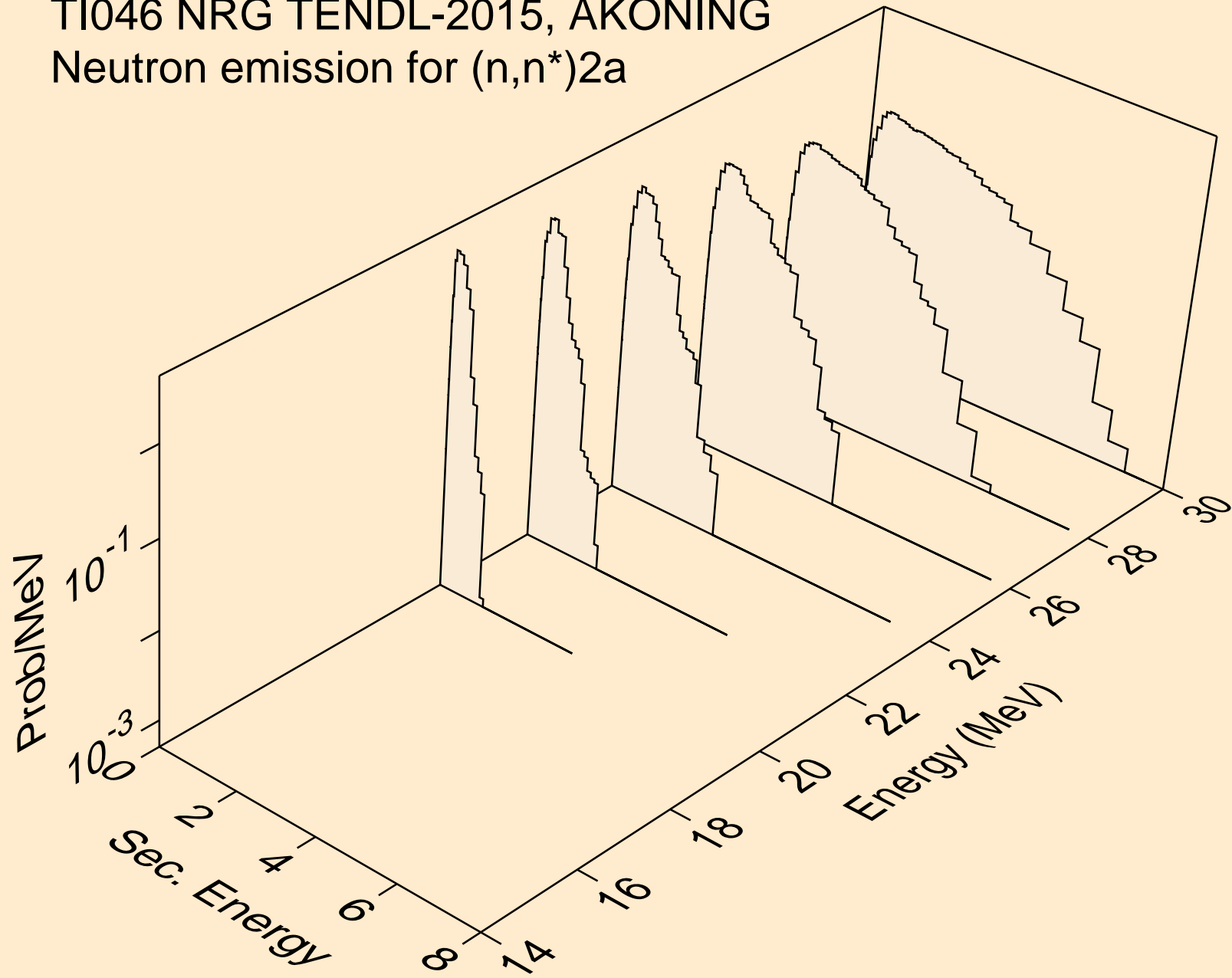
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



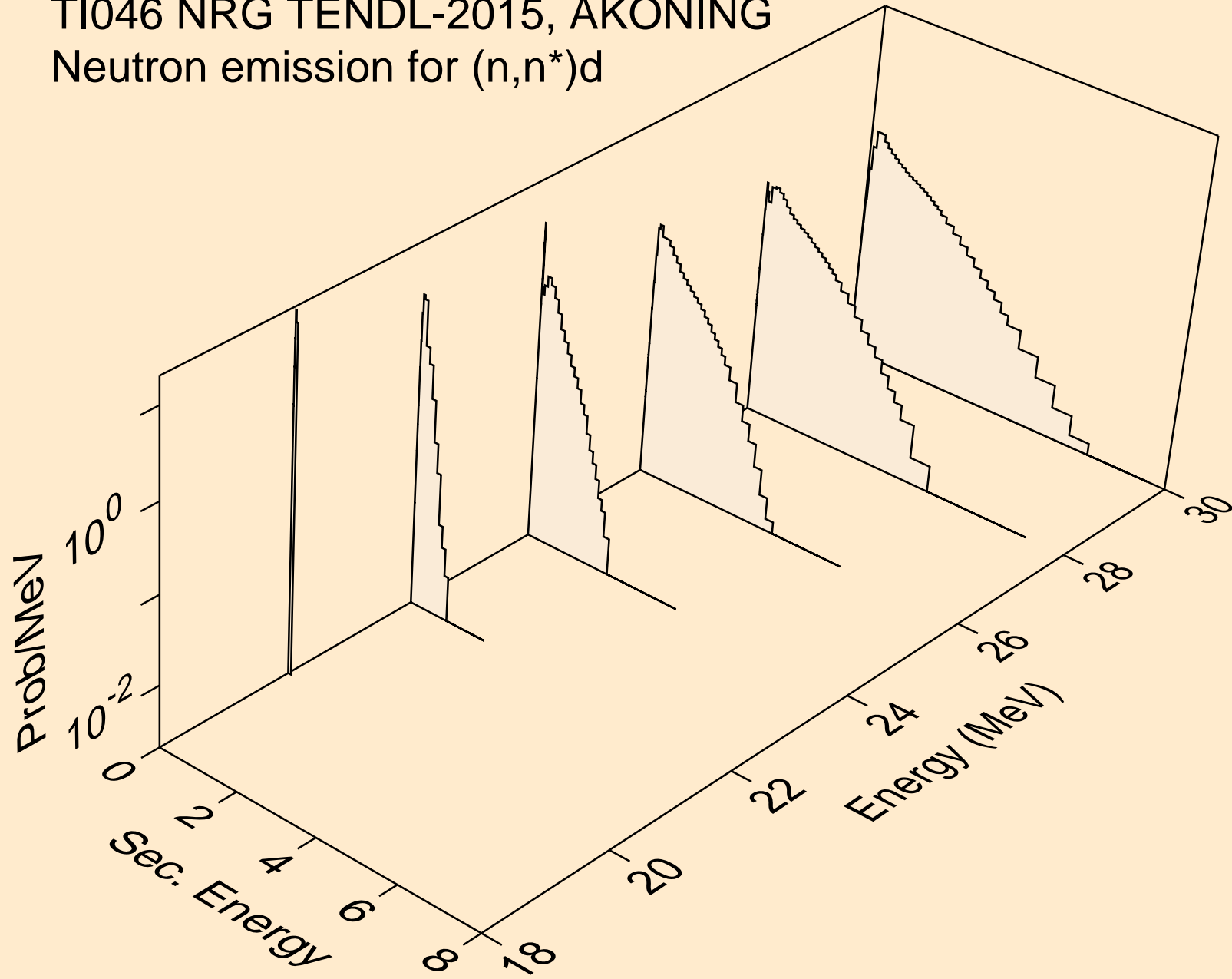
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



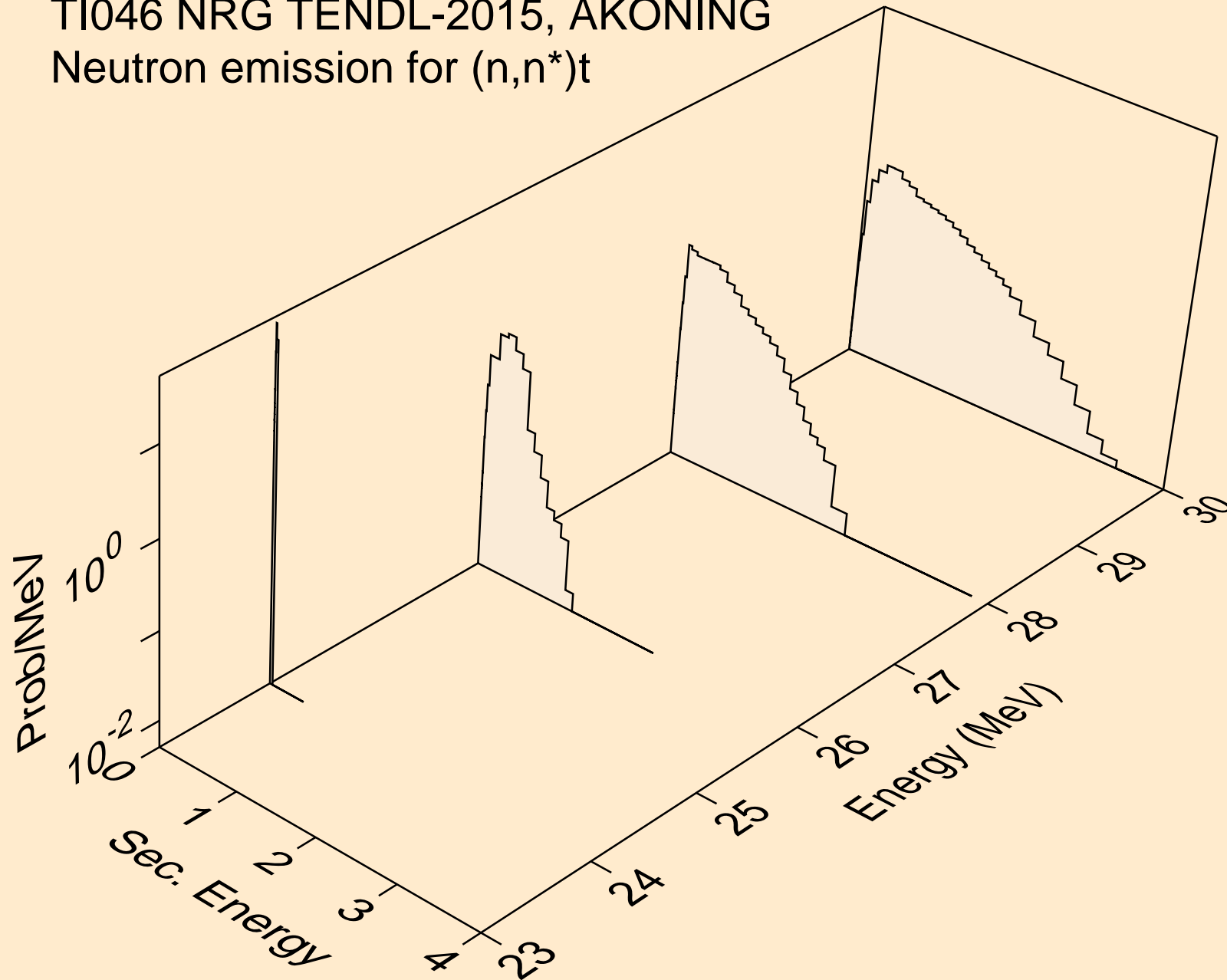
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

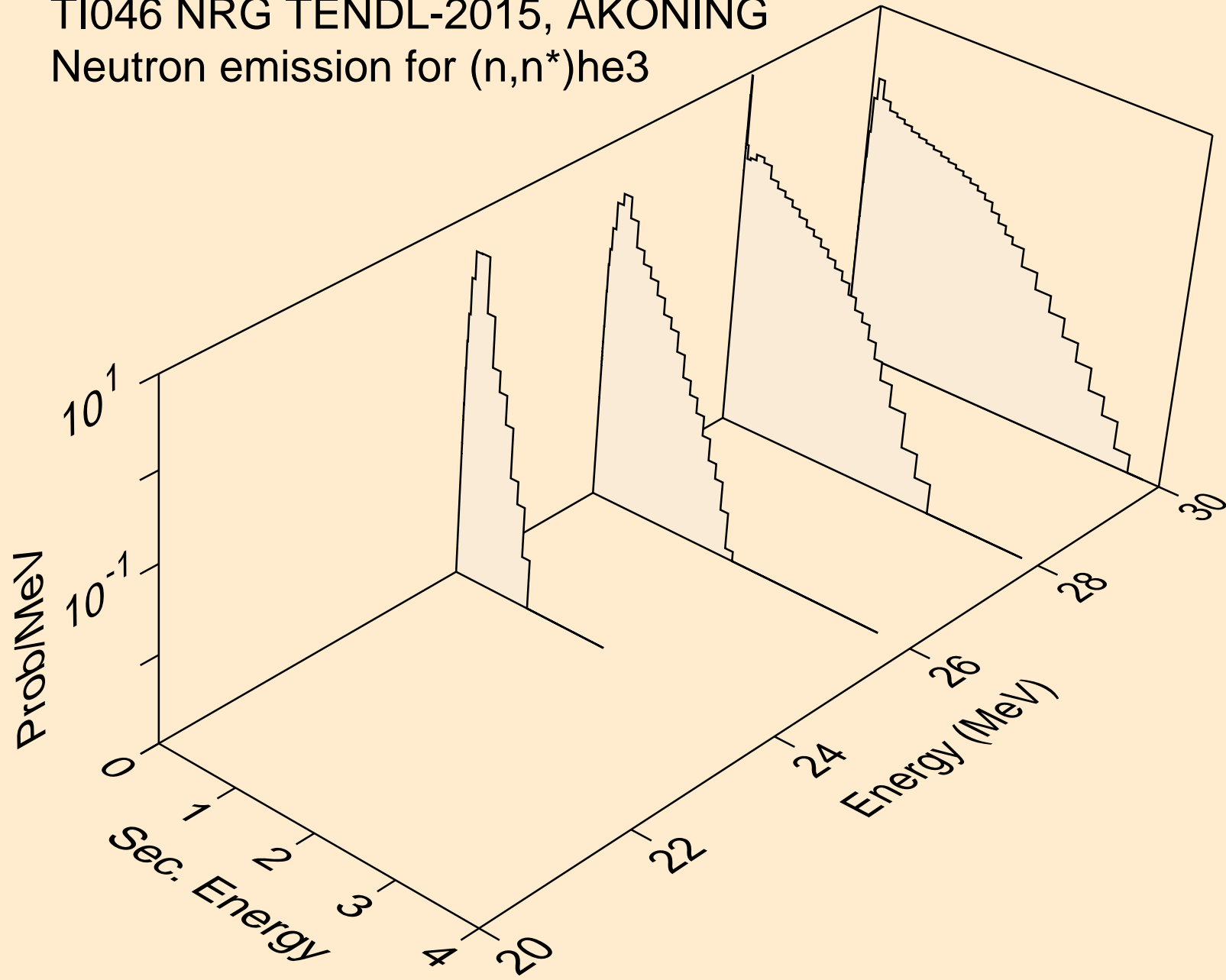


TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

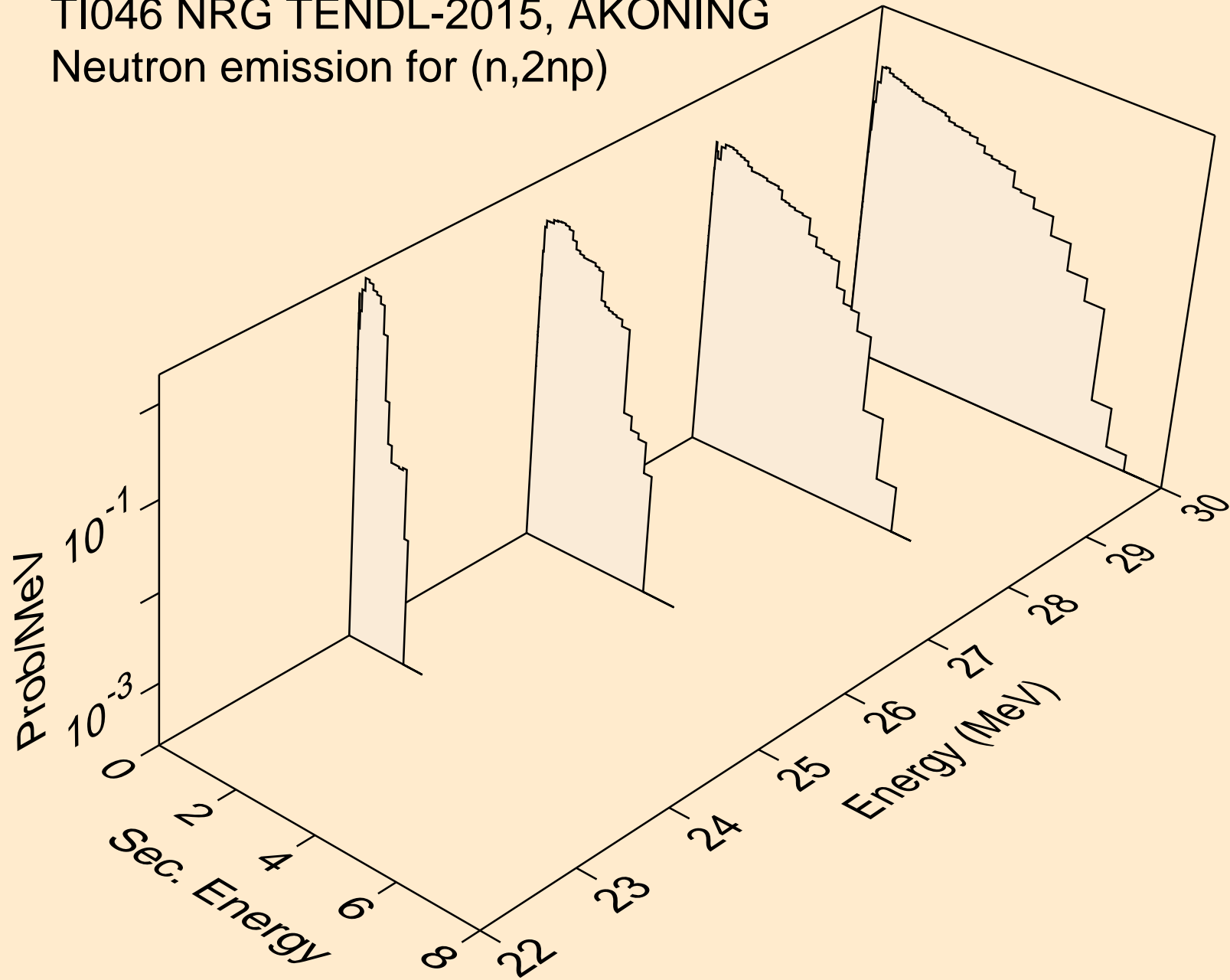




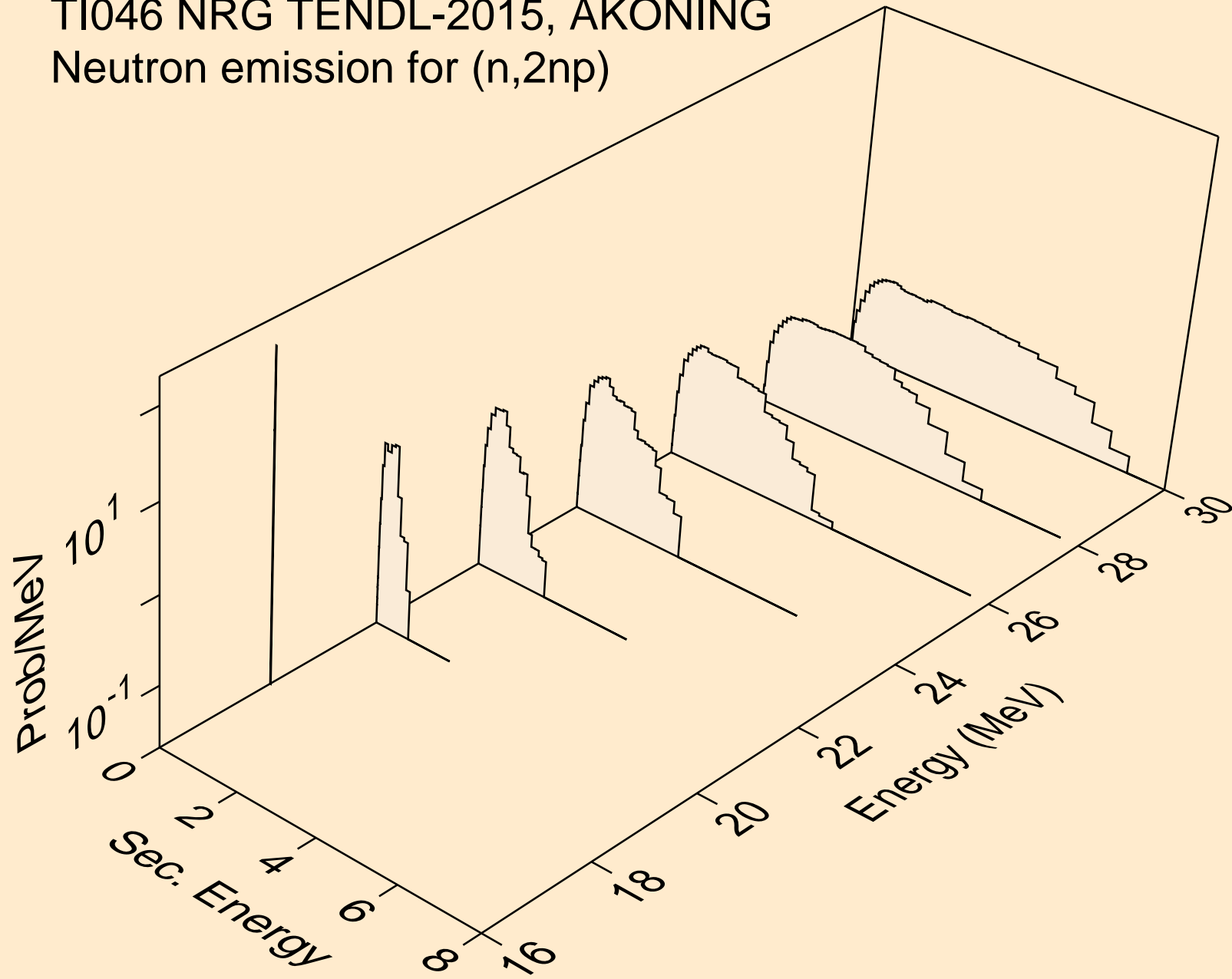
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



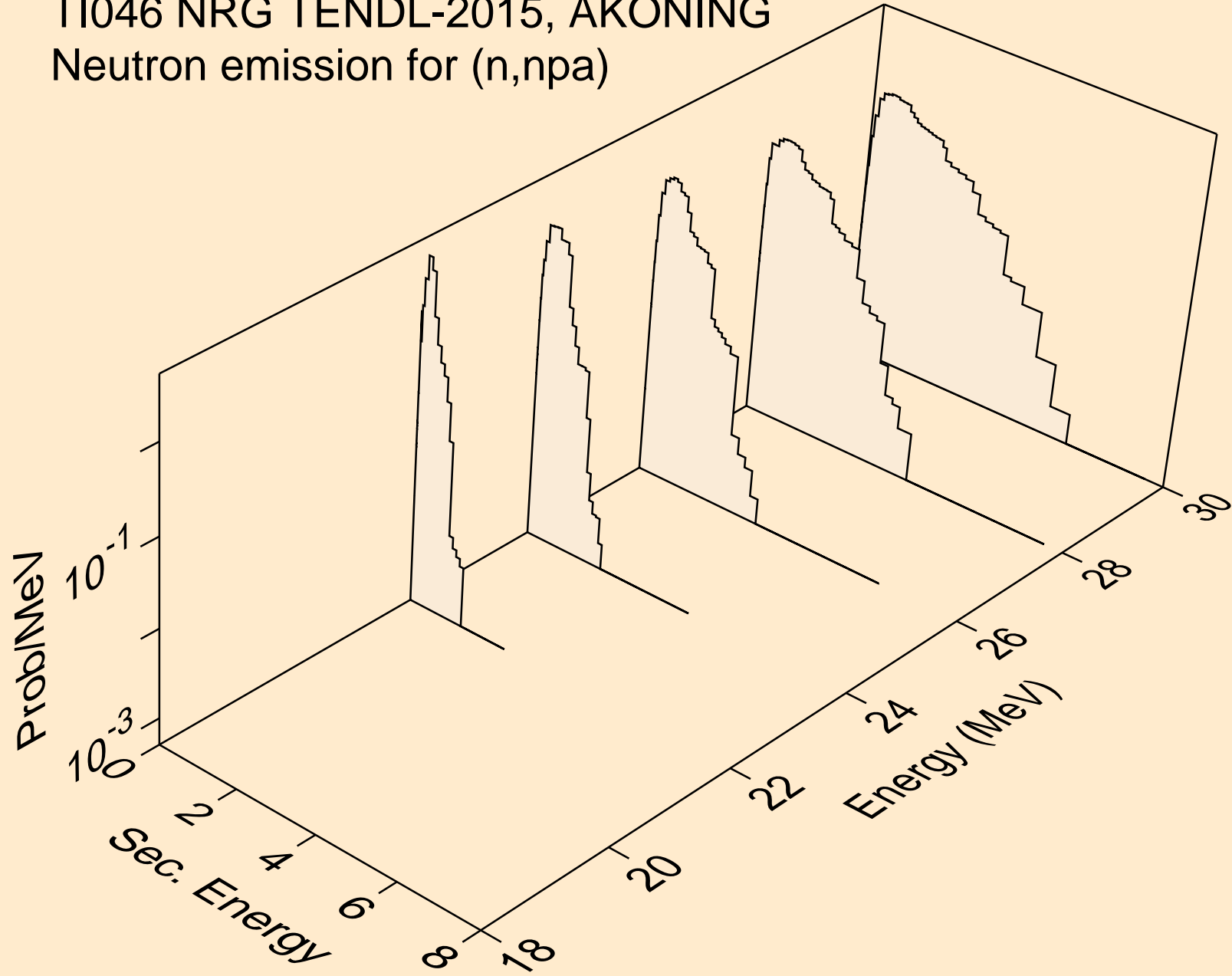
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



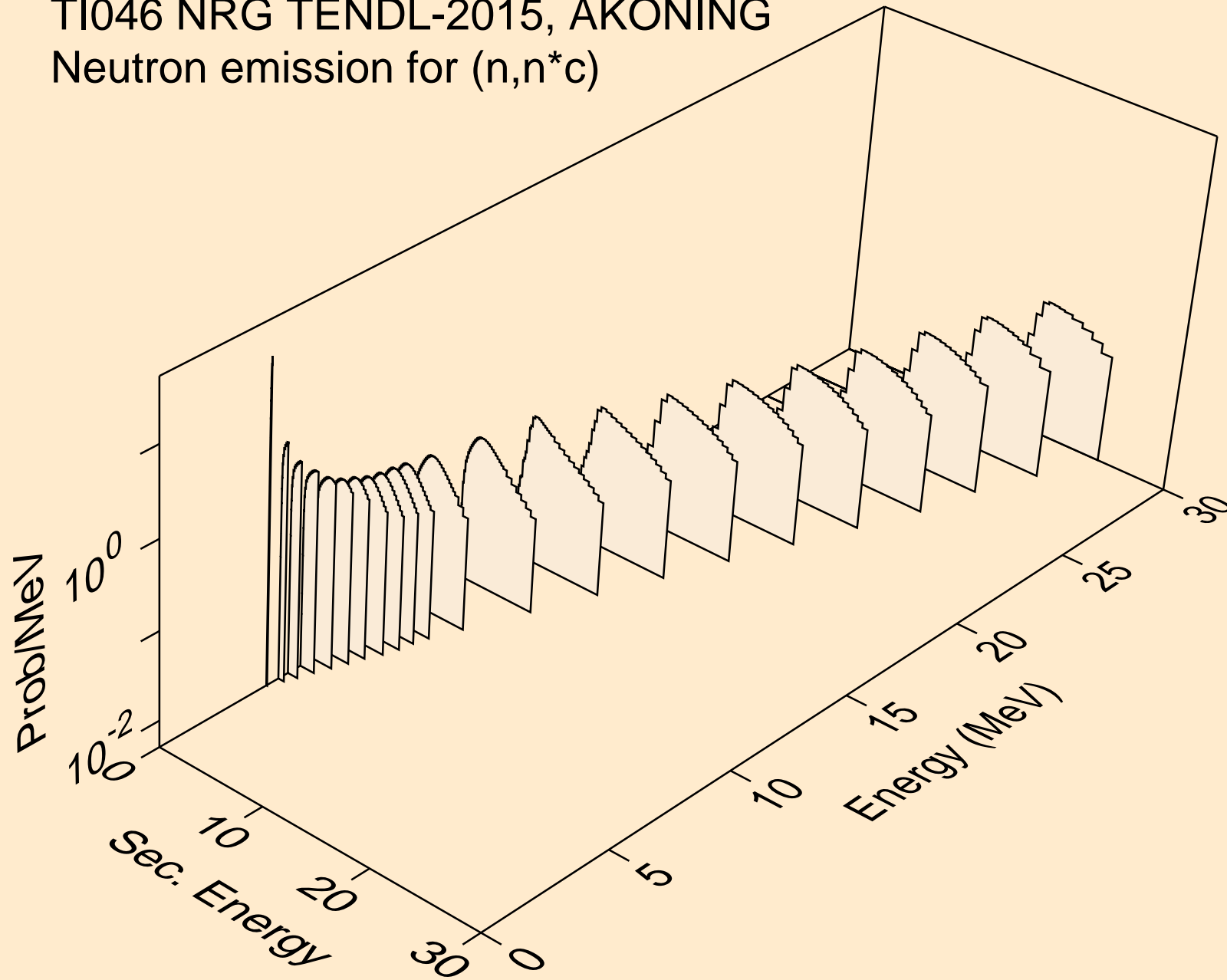
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



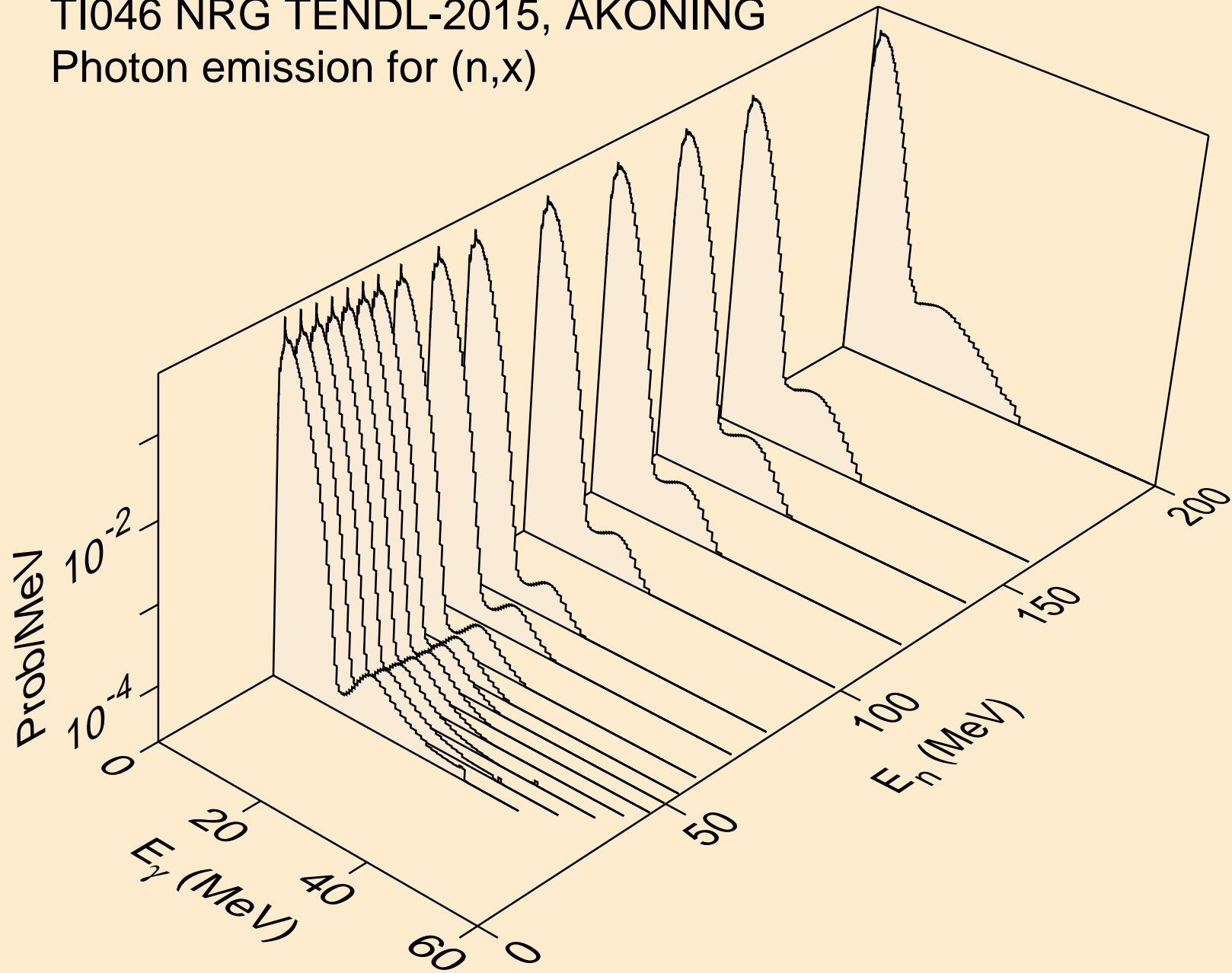
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



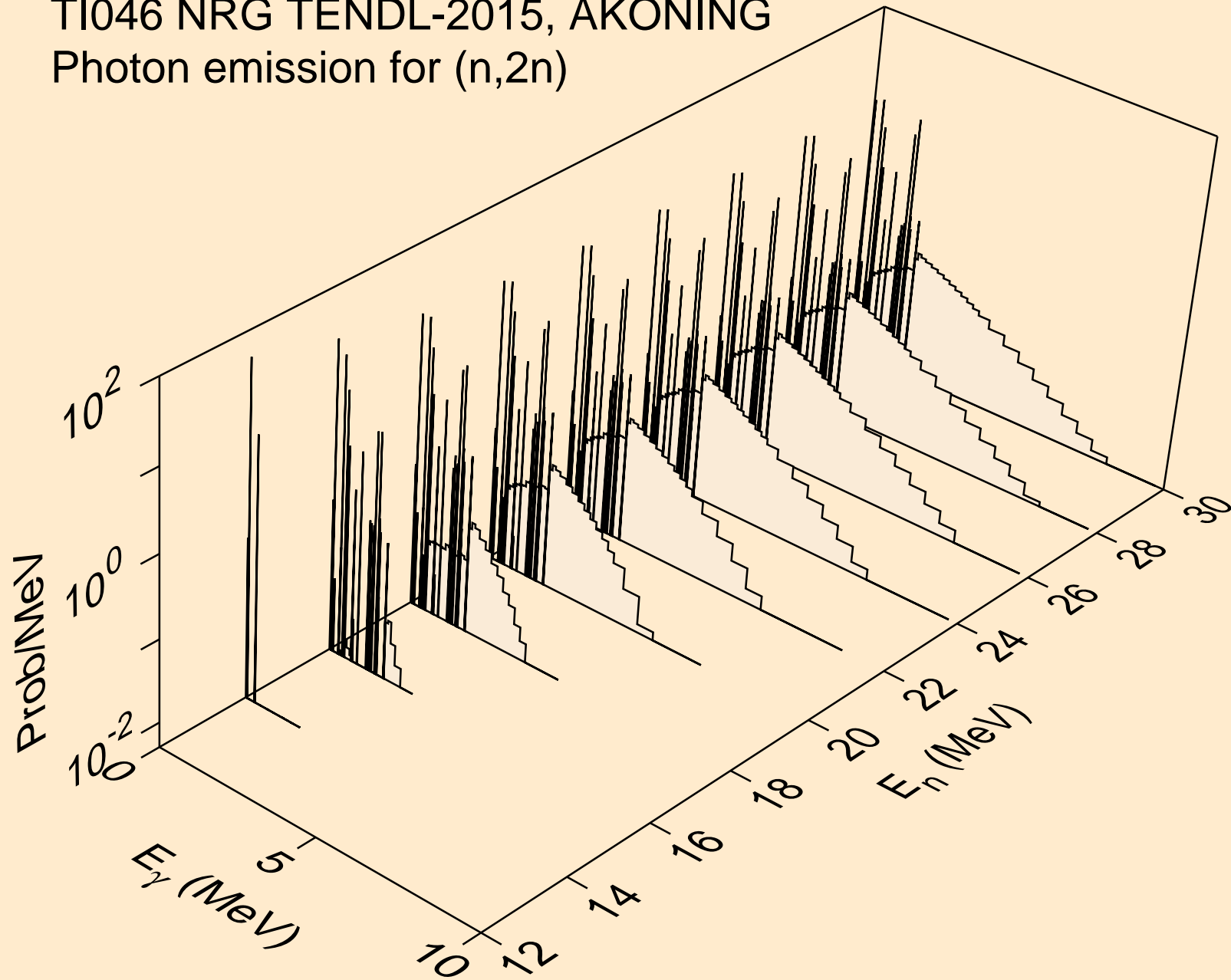
TI046 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



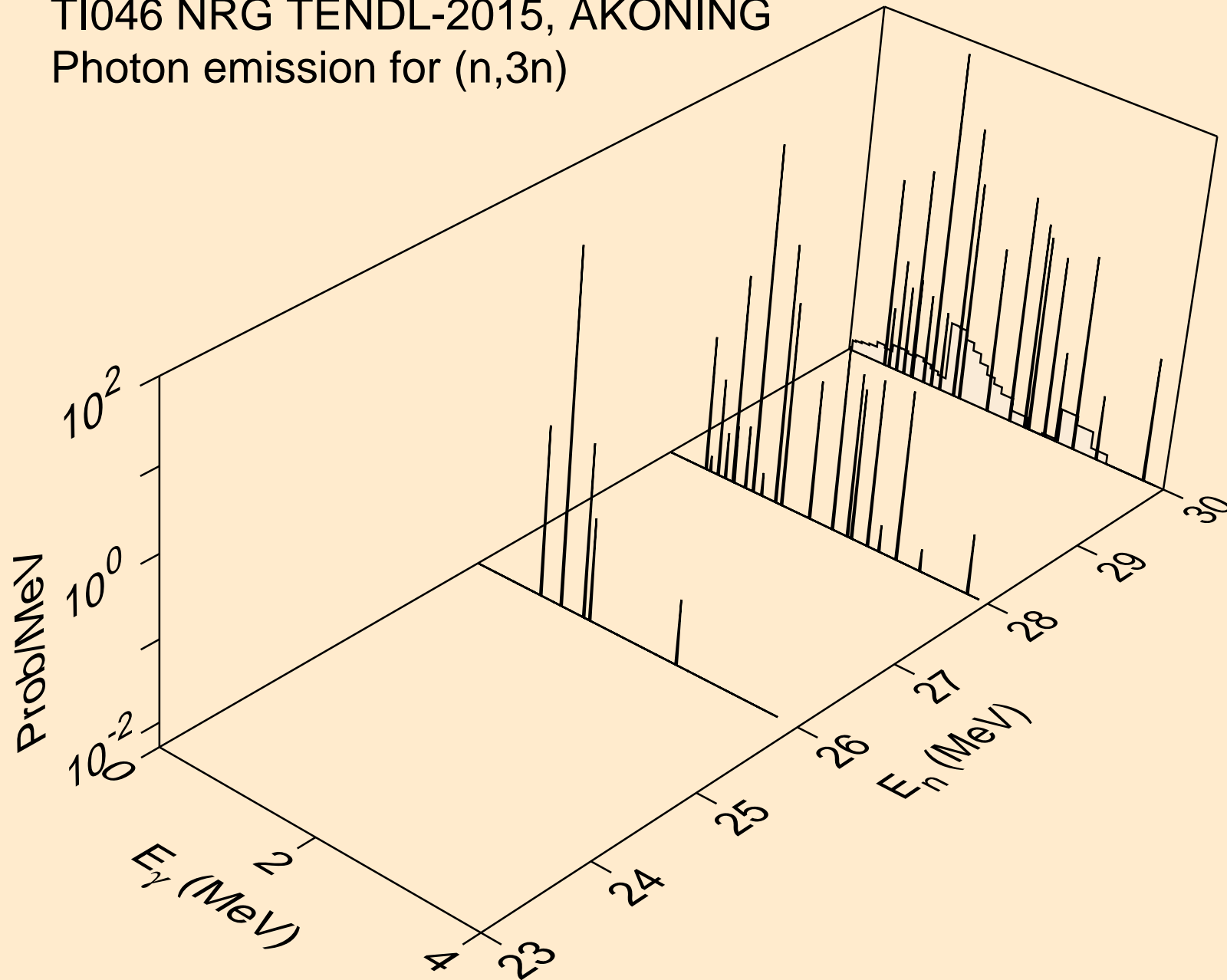
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

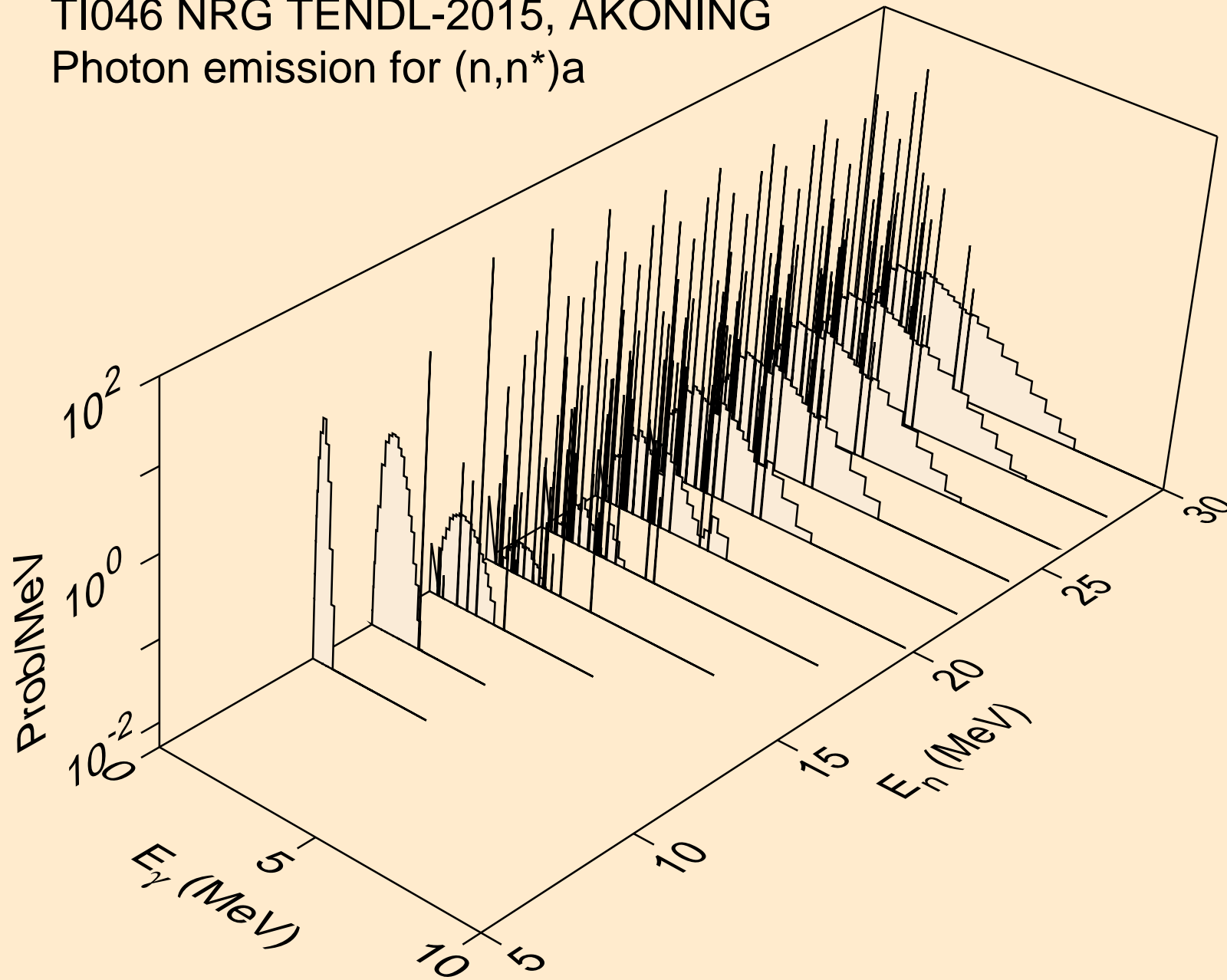


TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

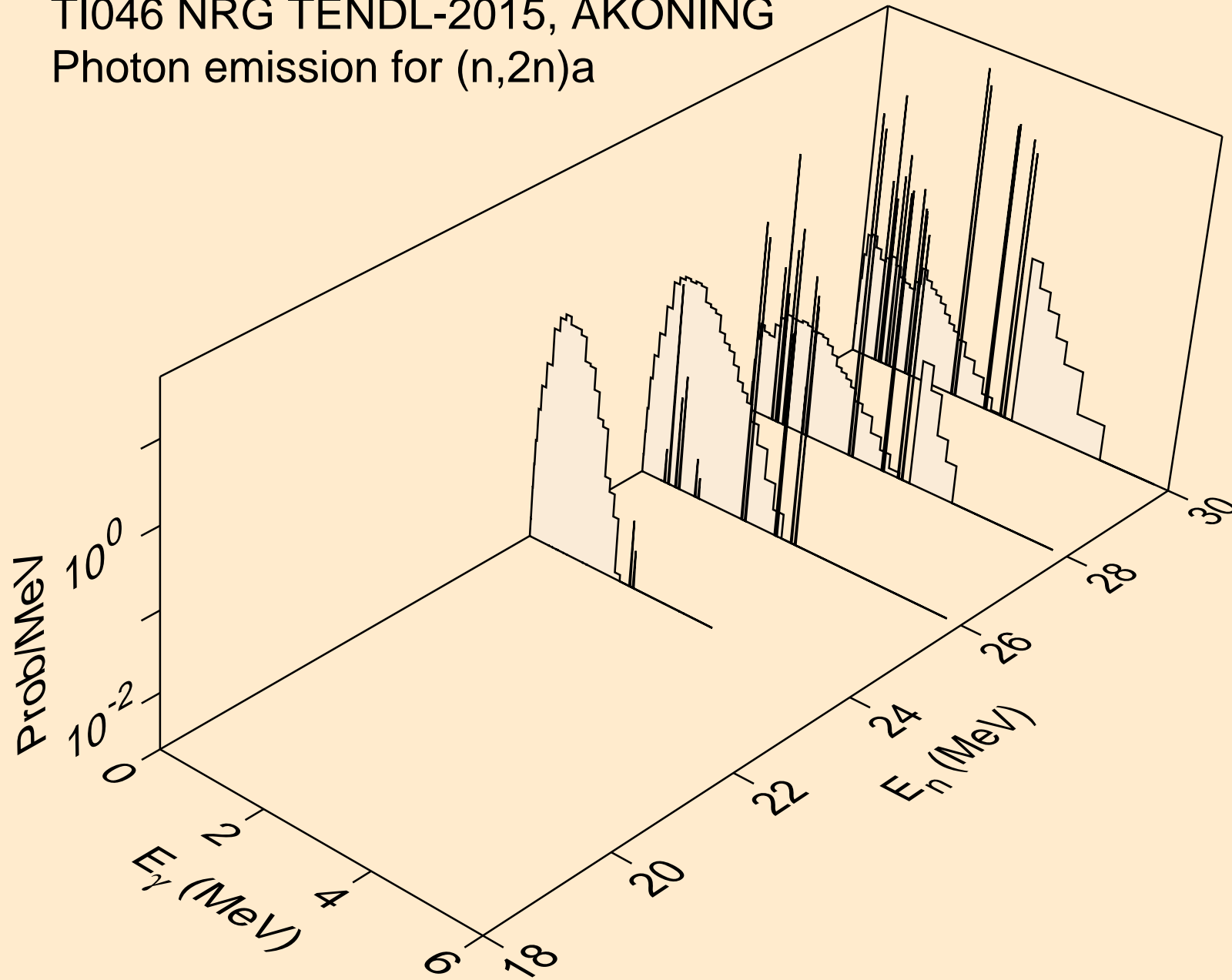




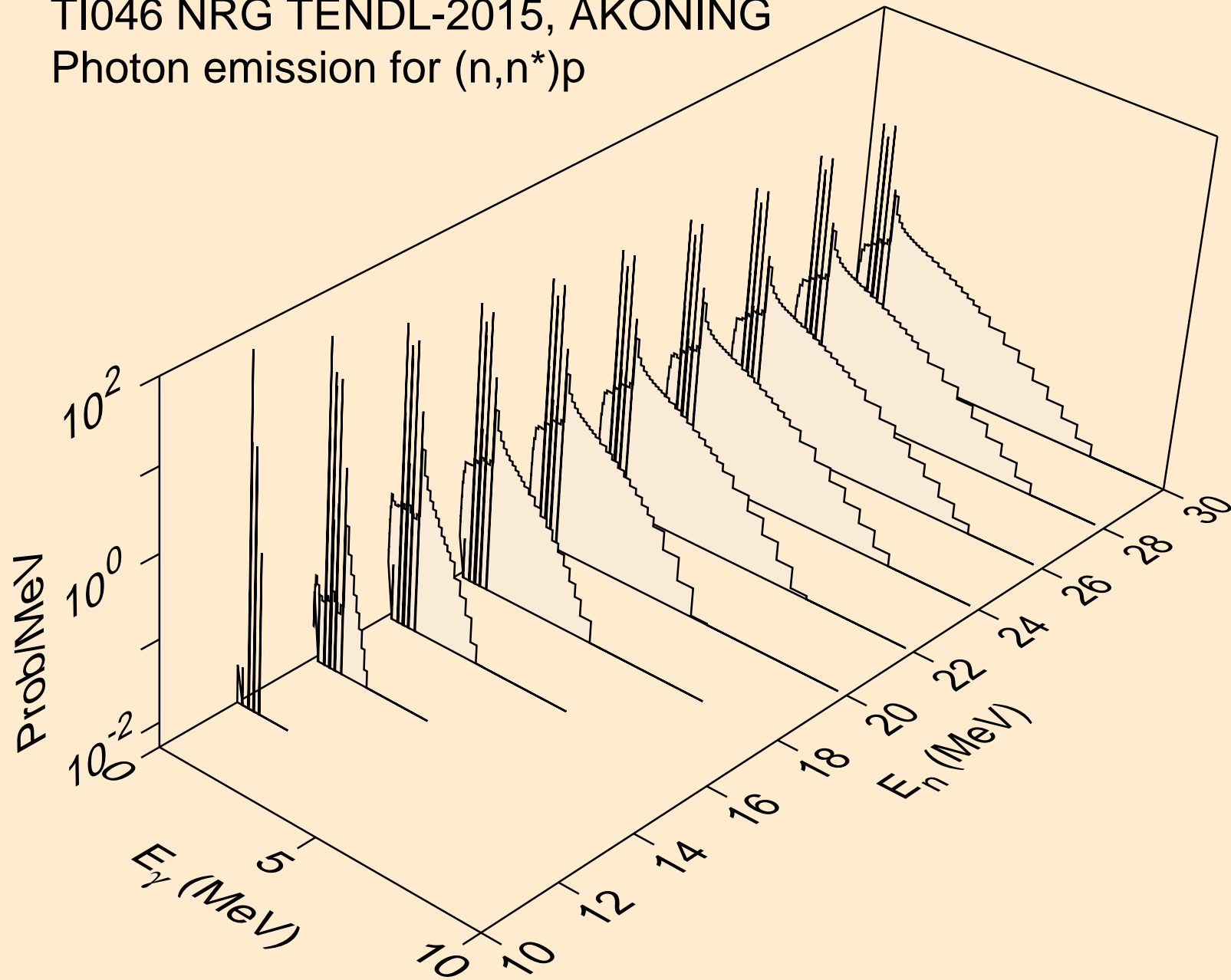
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



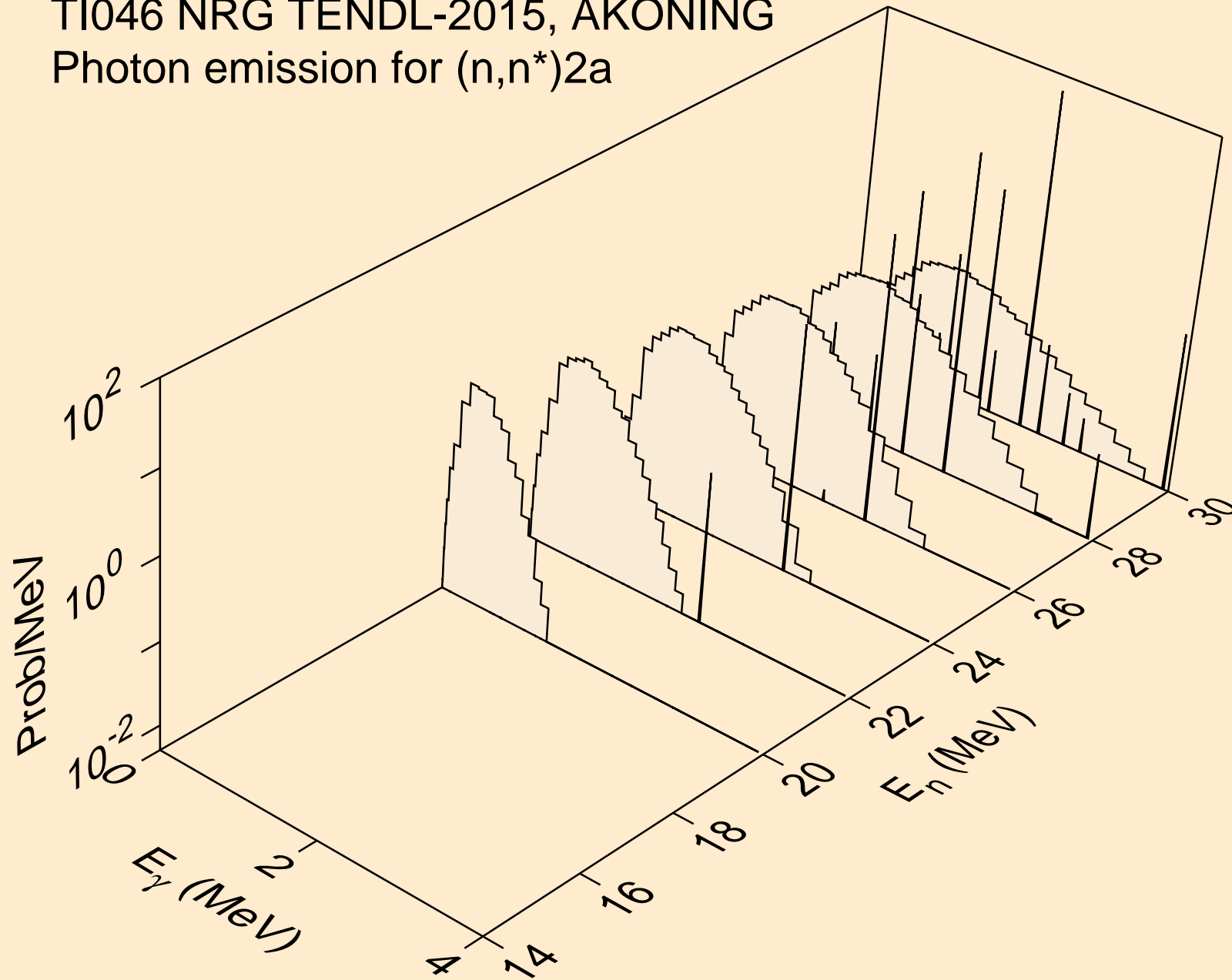
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



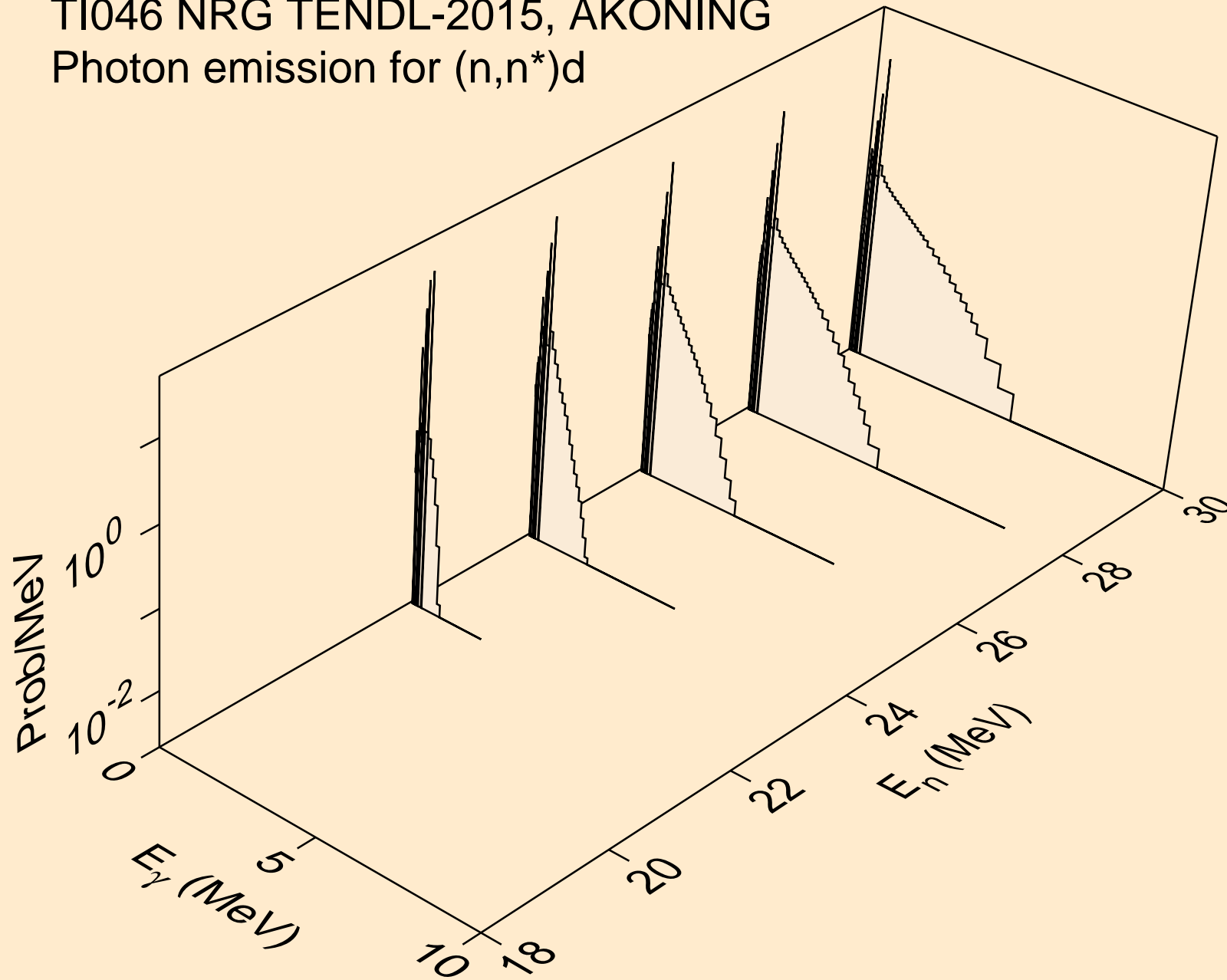
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



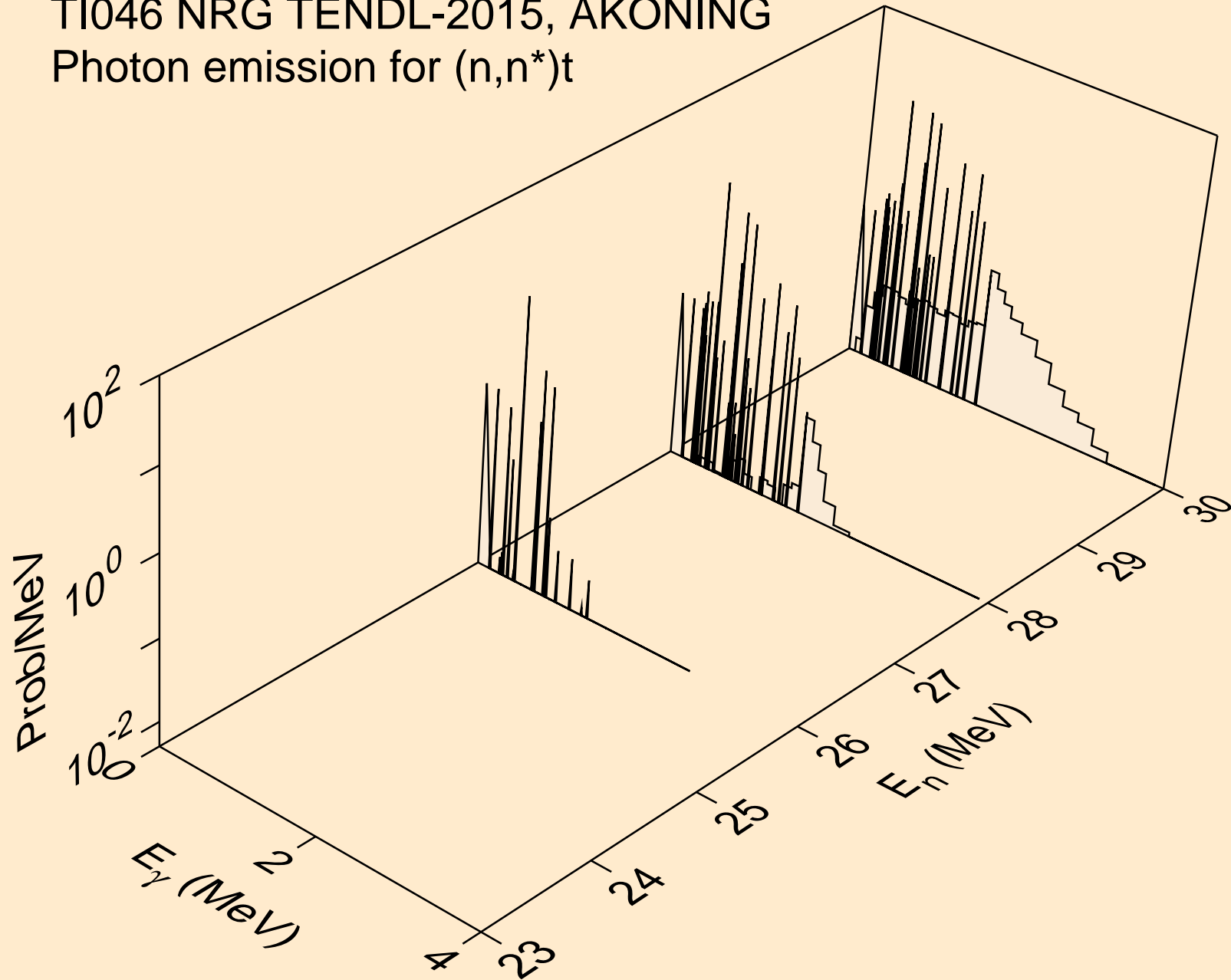
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



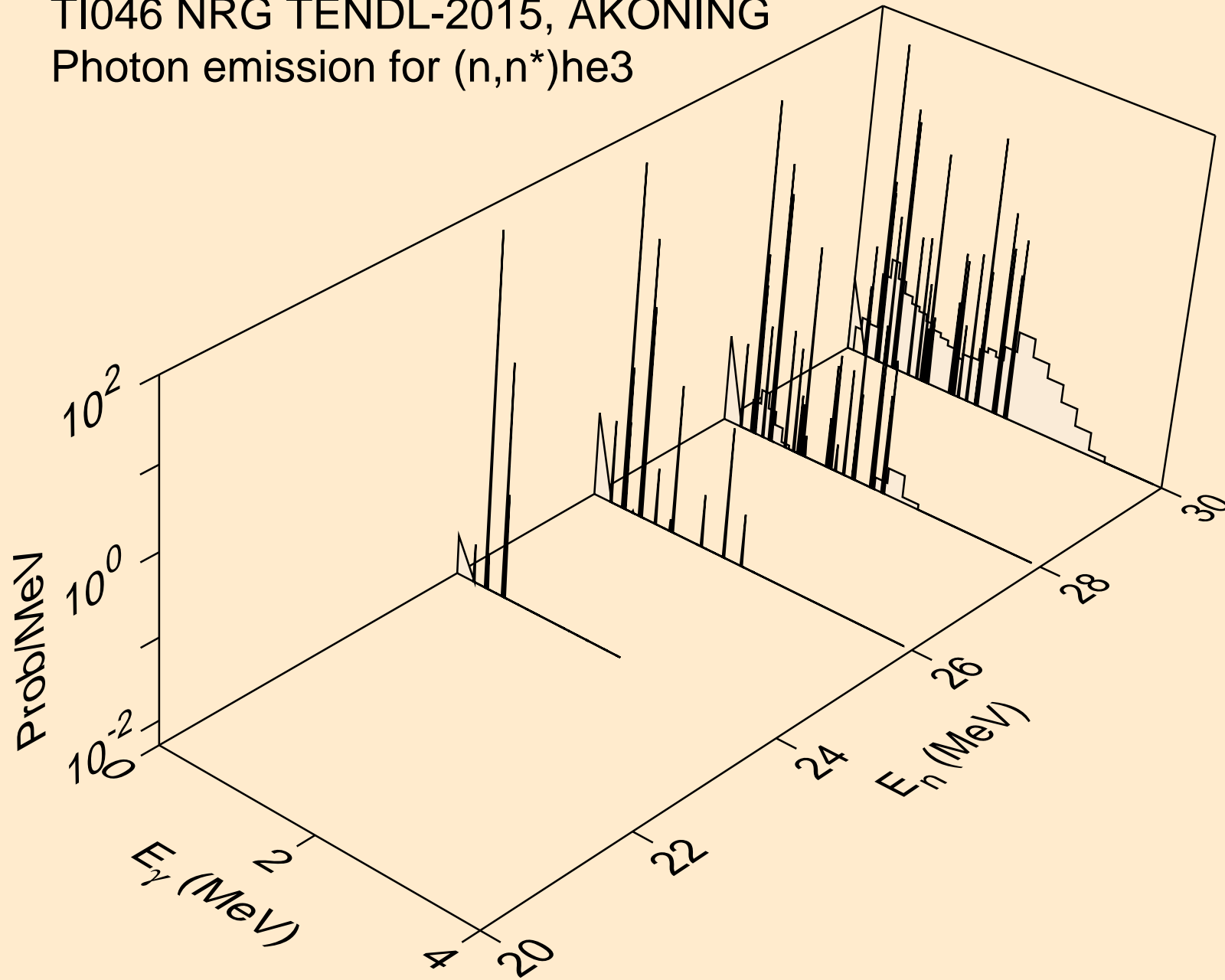
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



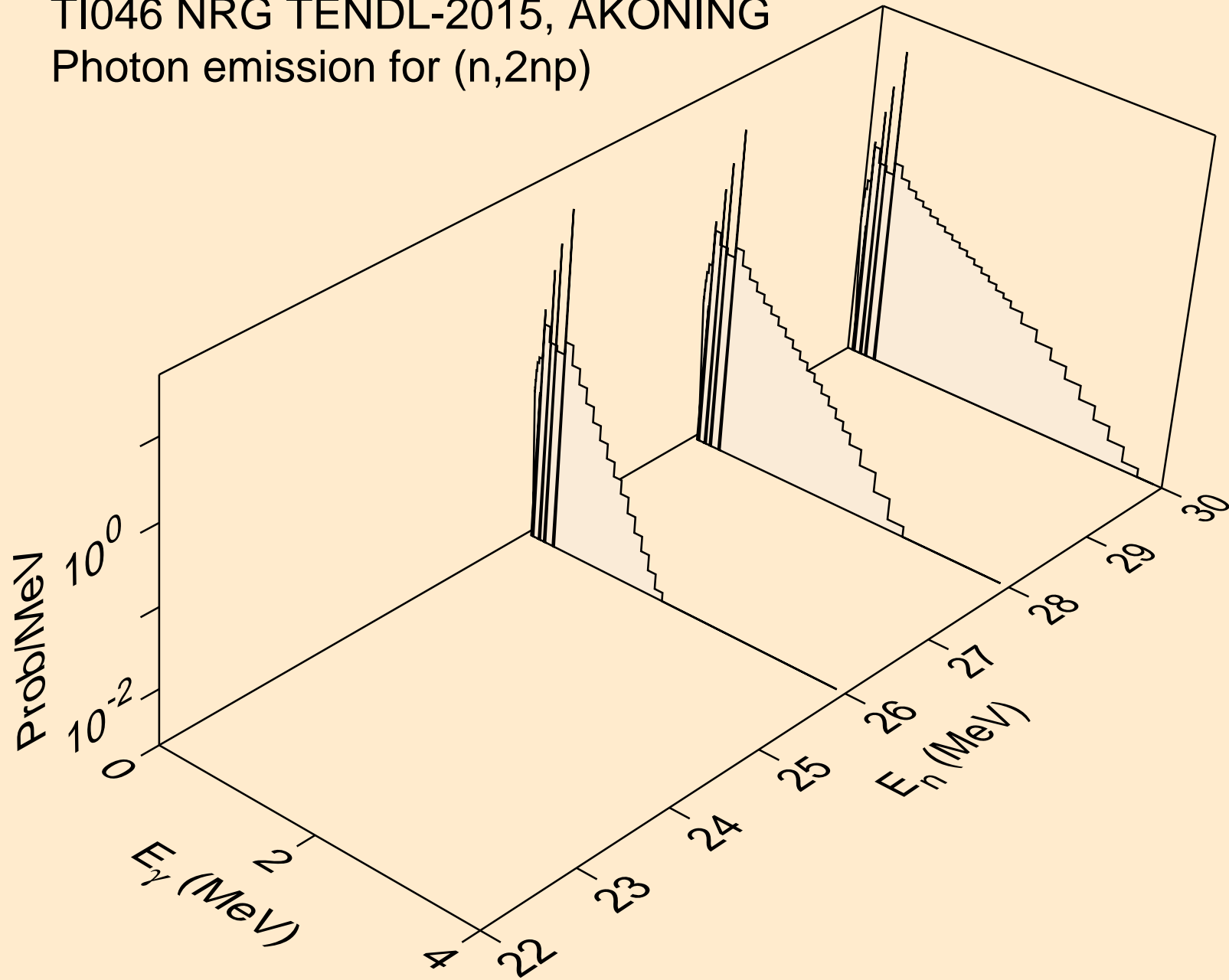
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

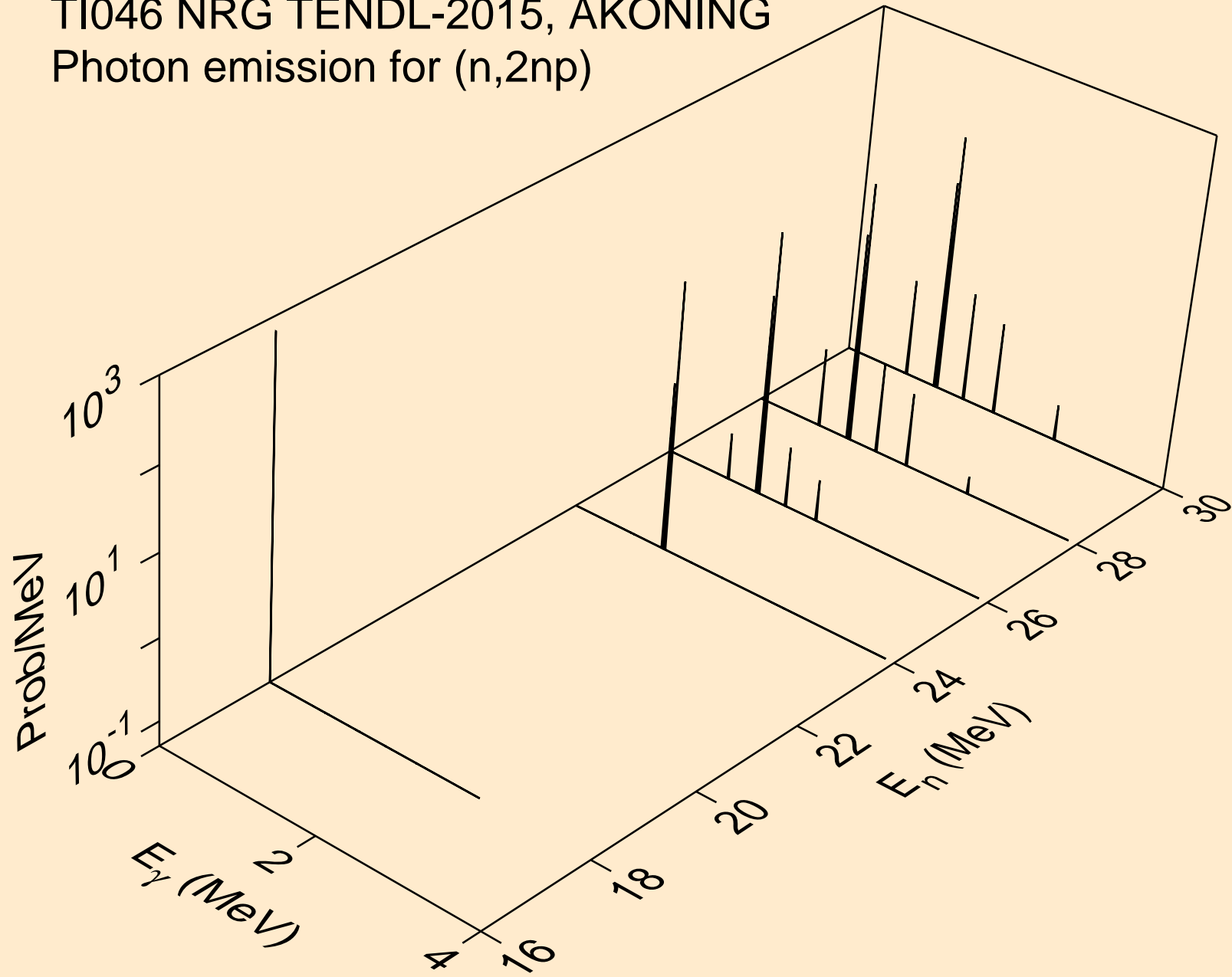


TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

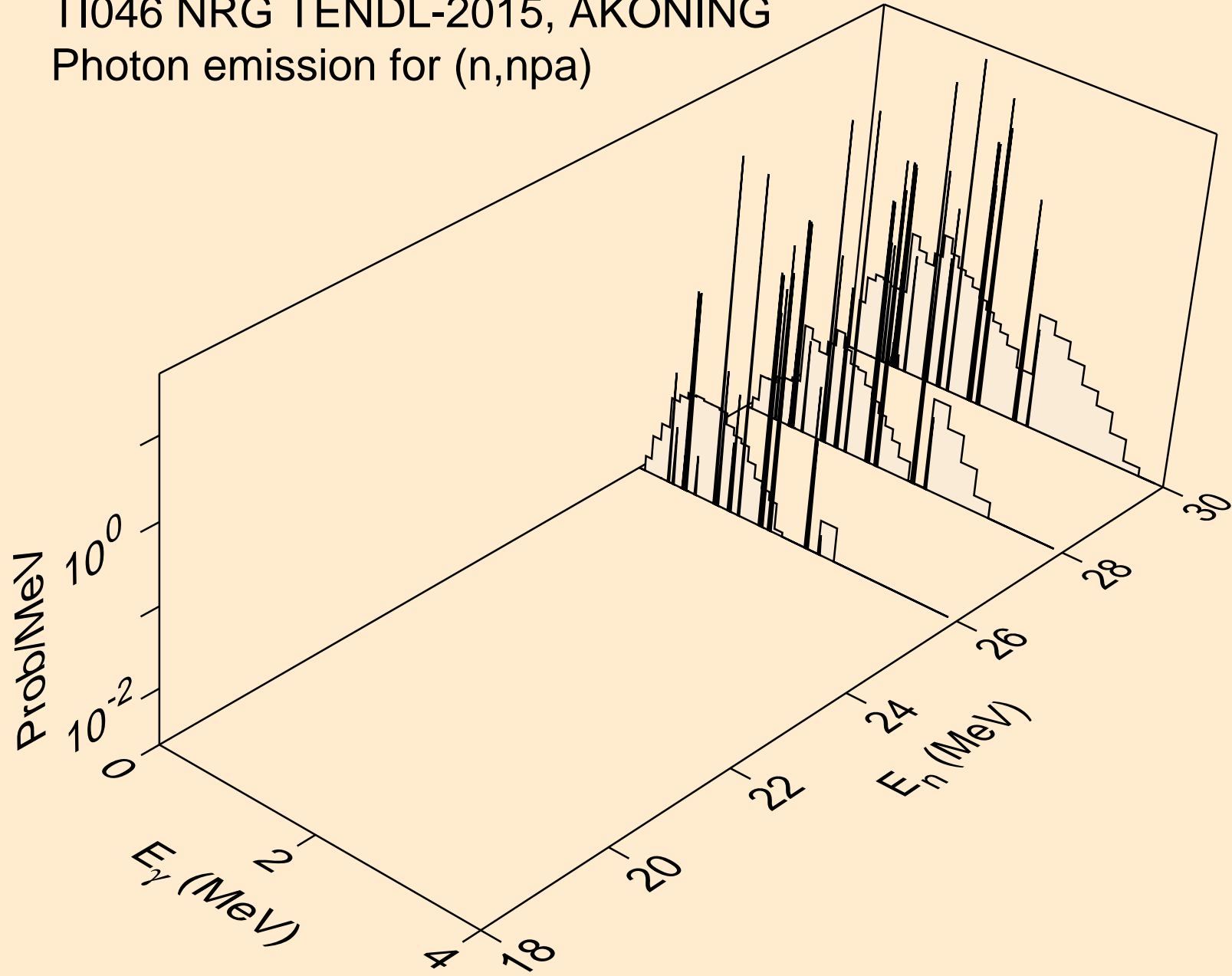




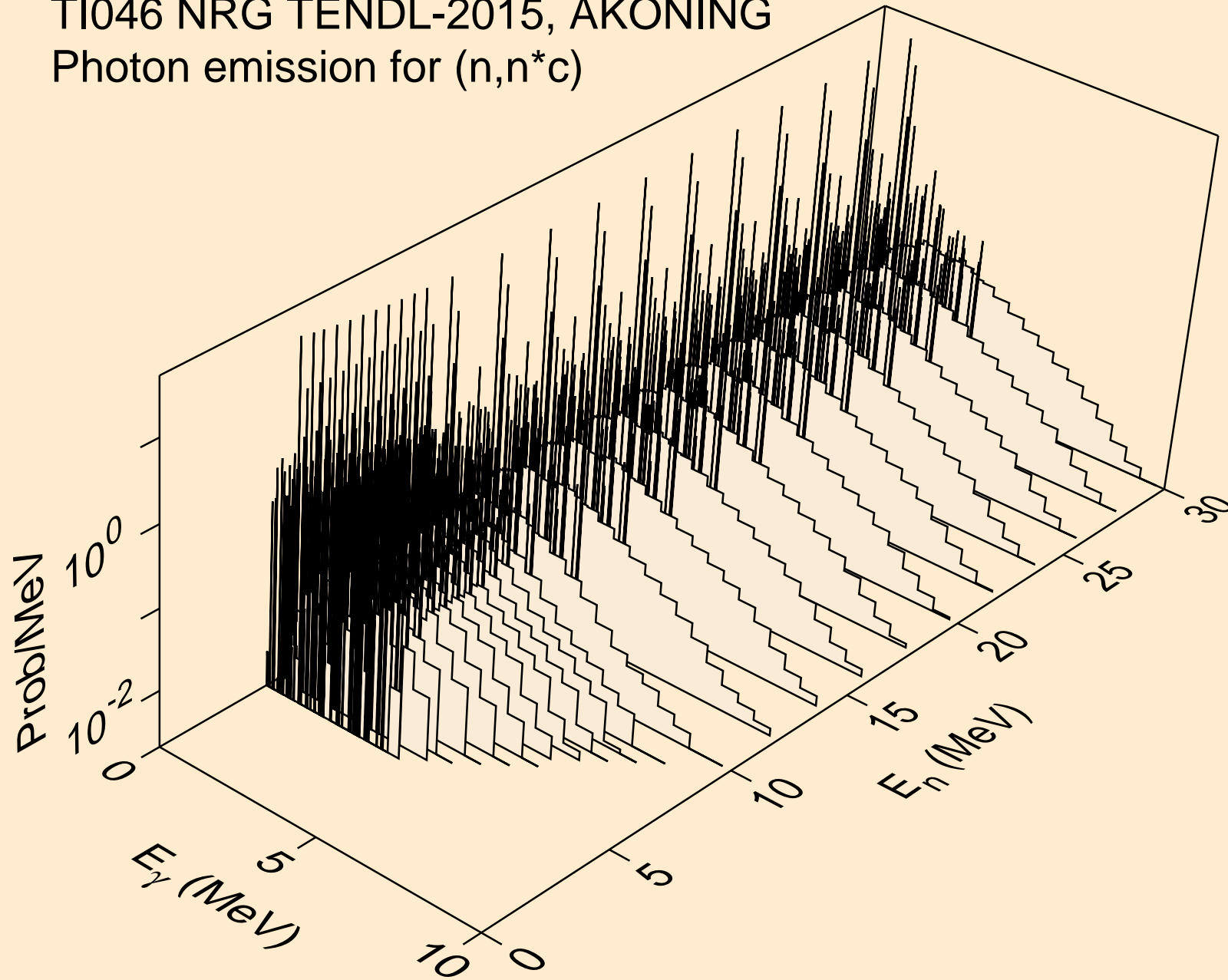
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



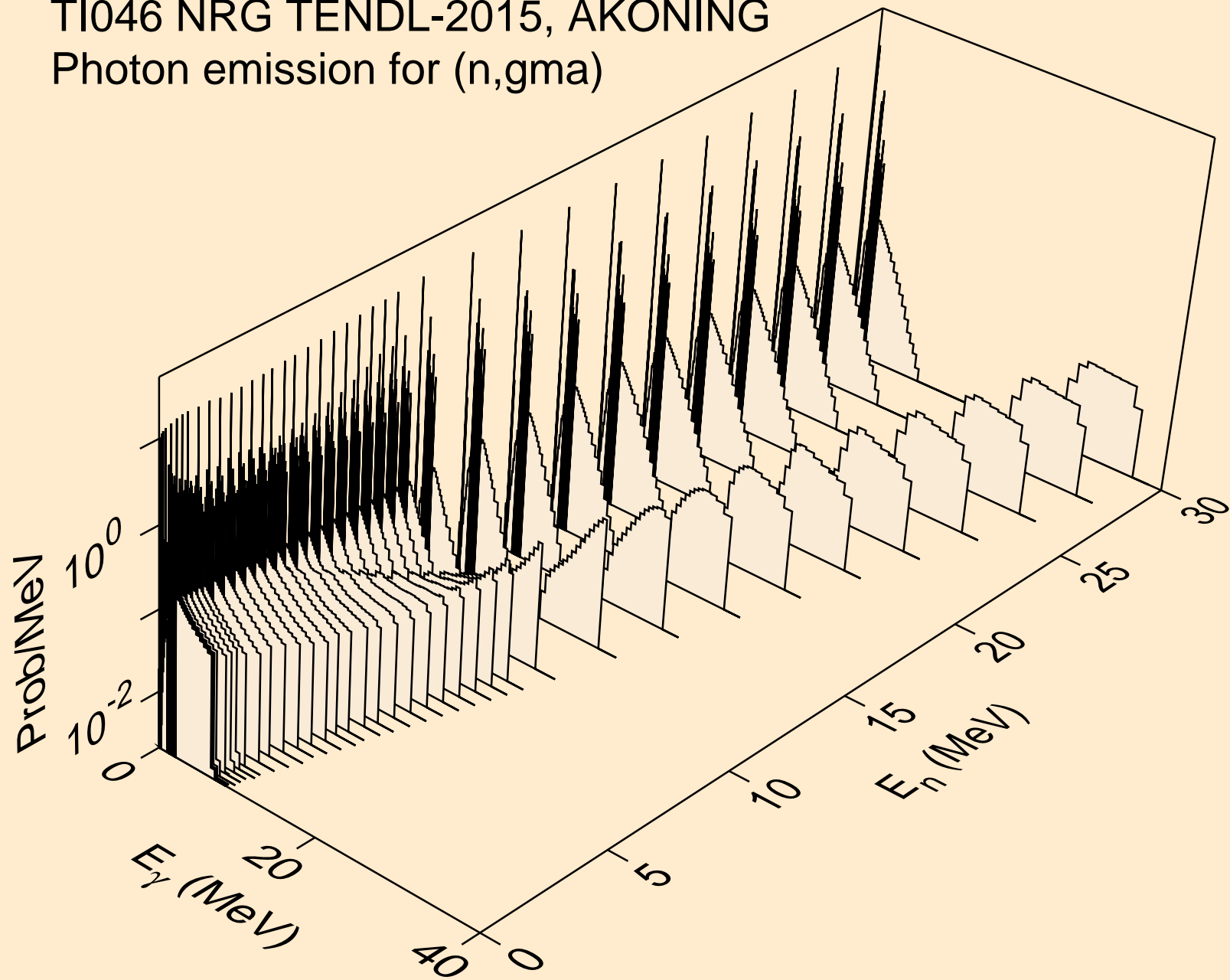
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Photon emission for (n,npa)



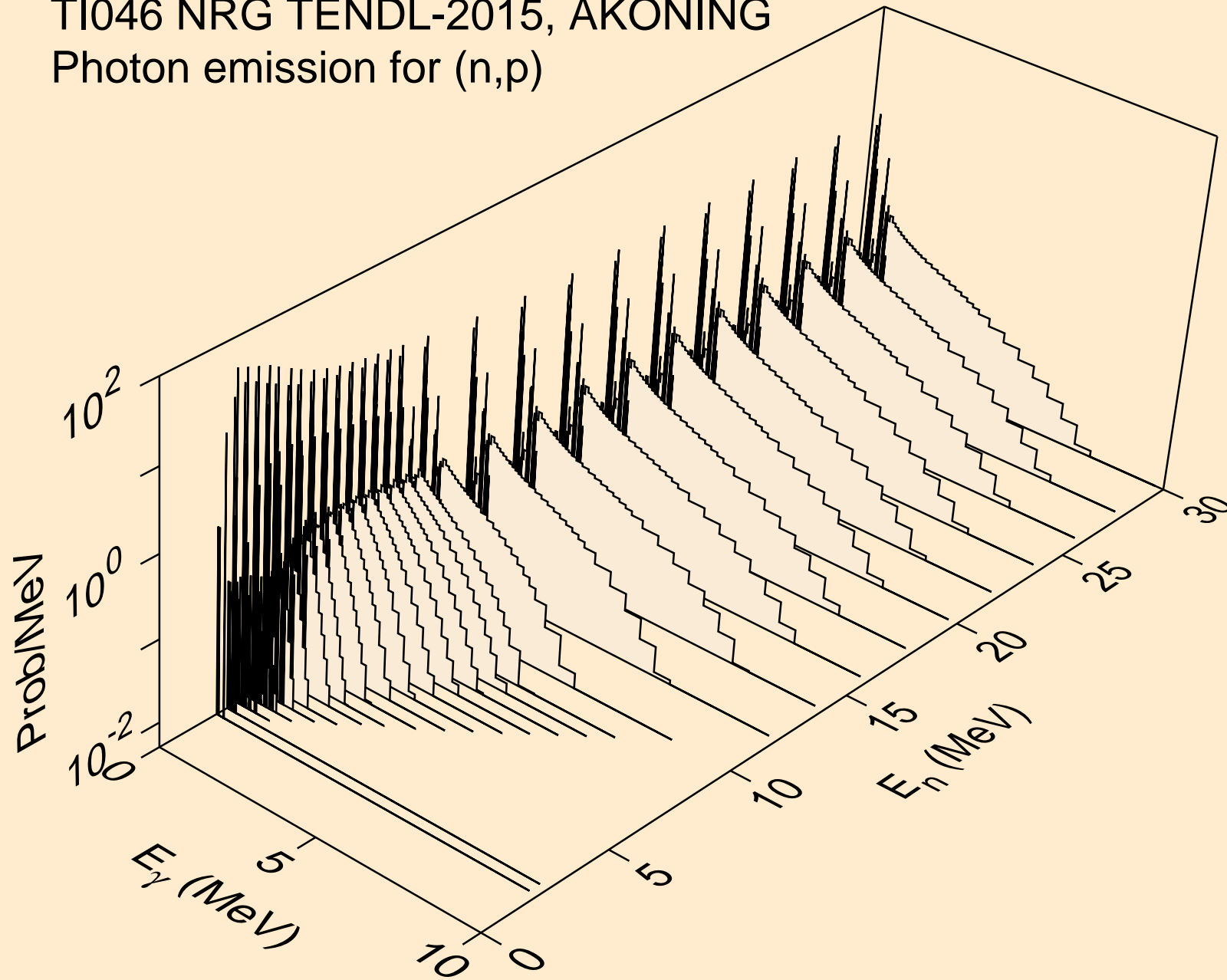
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



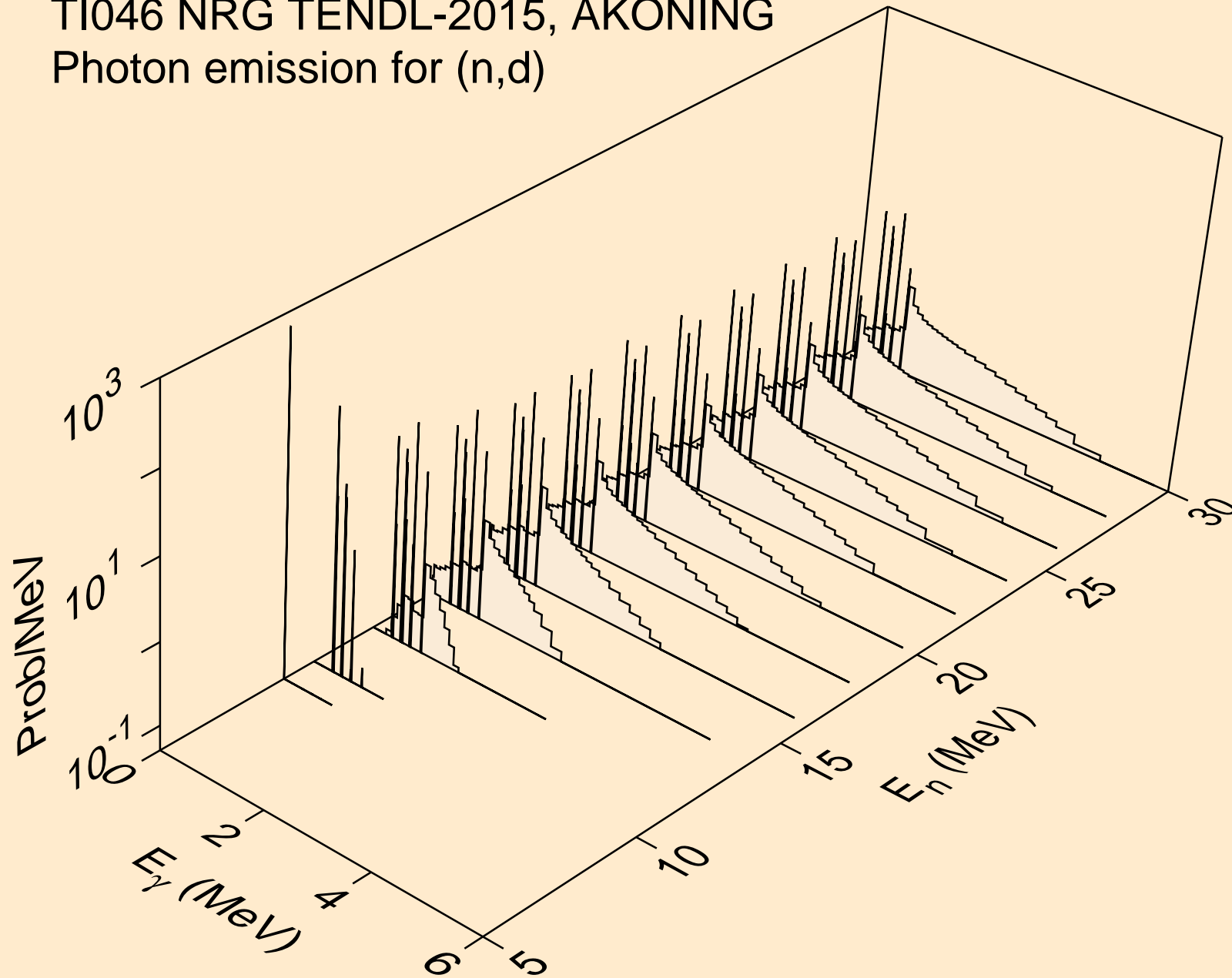
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



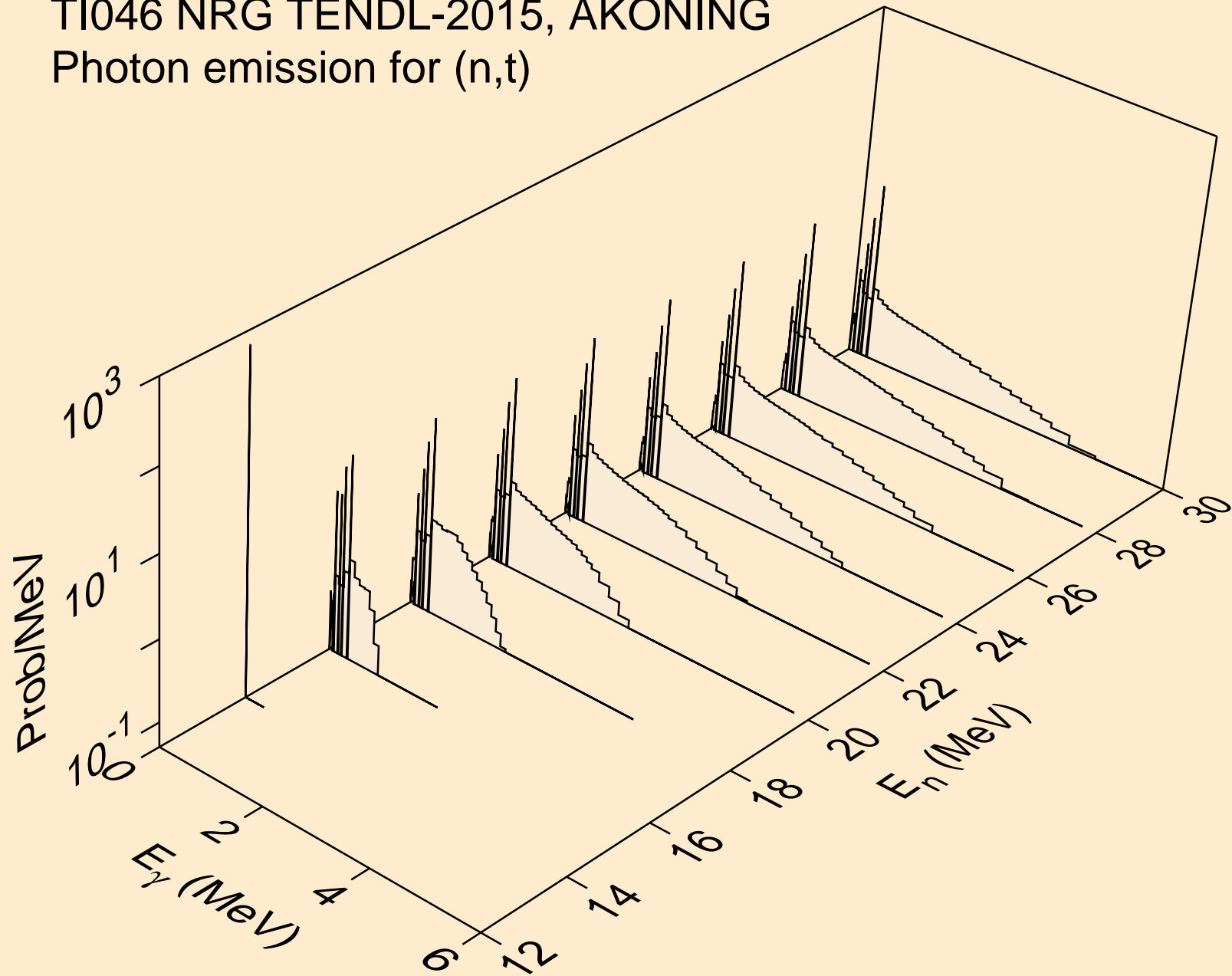
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



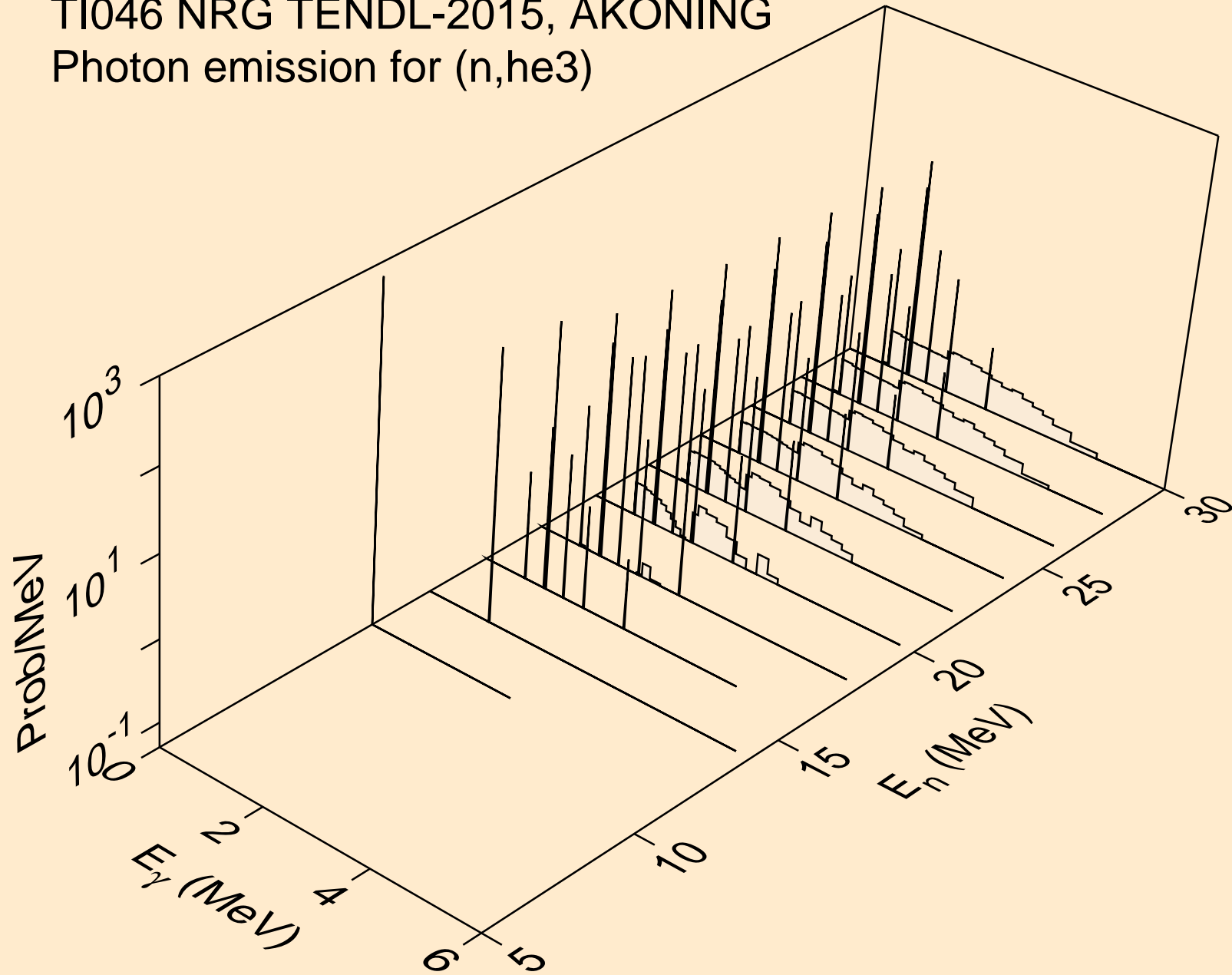
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

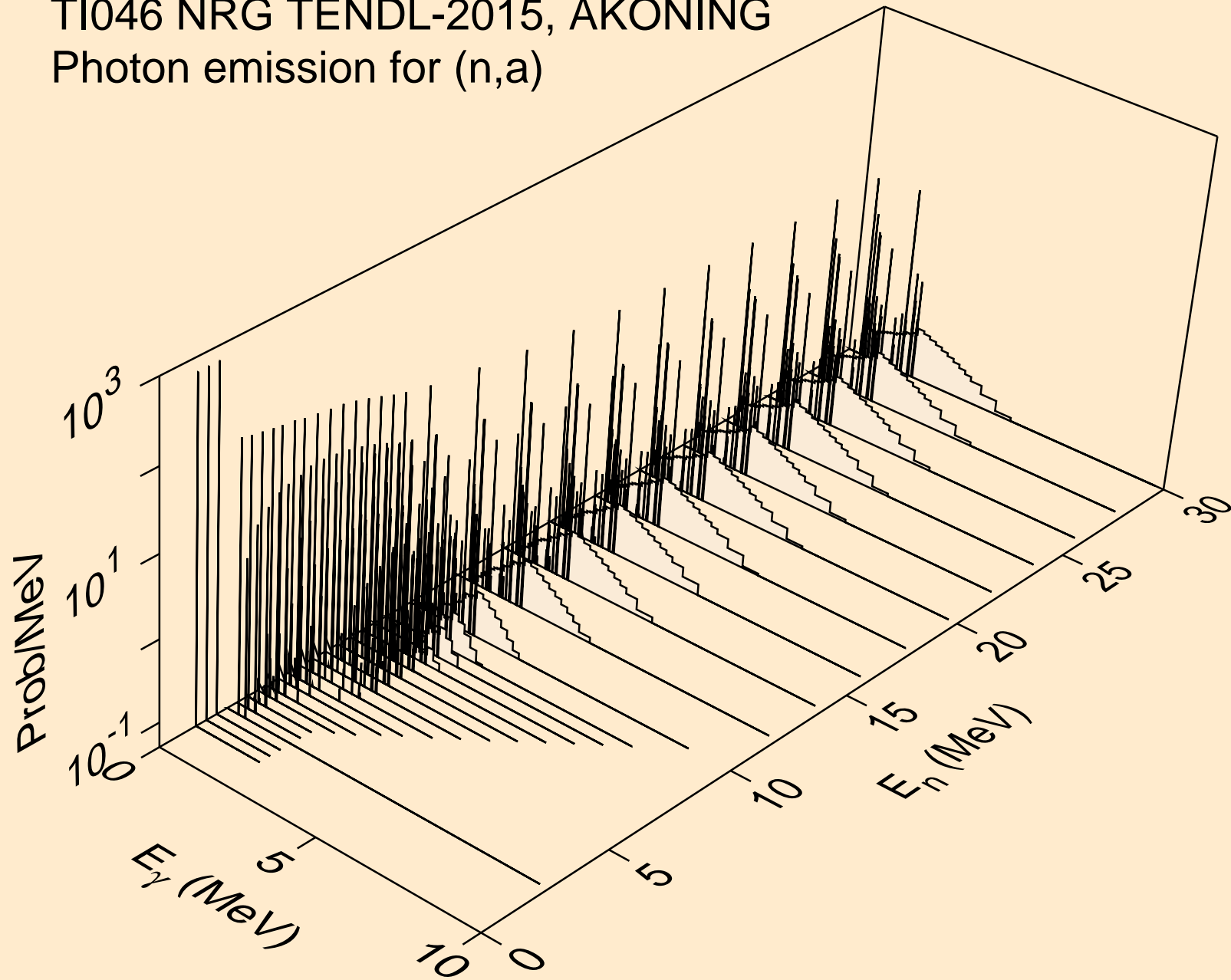


TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

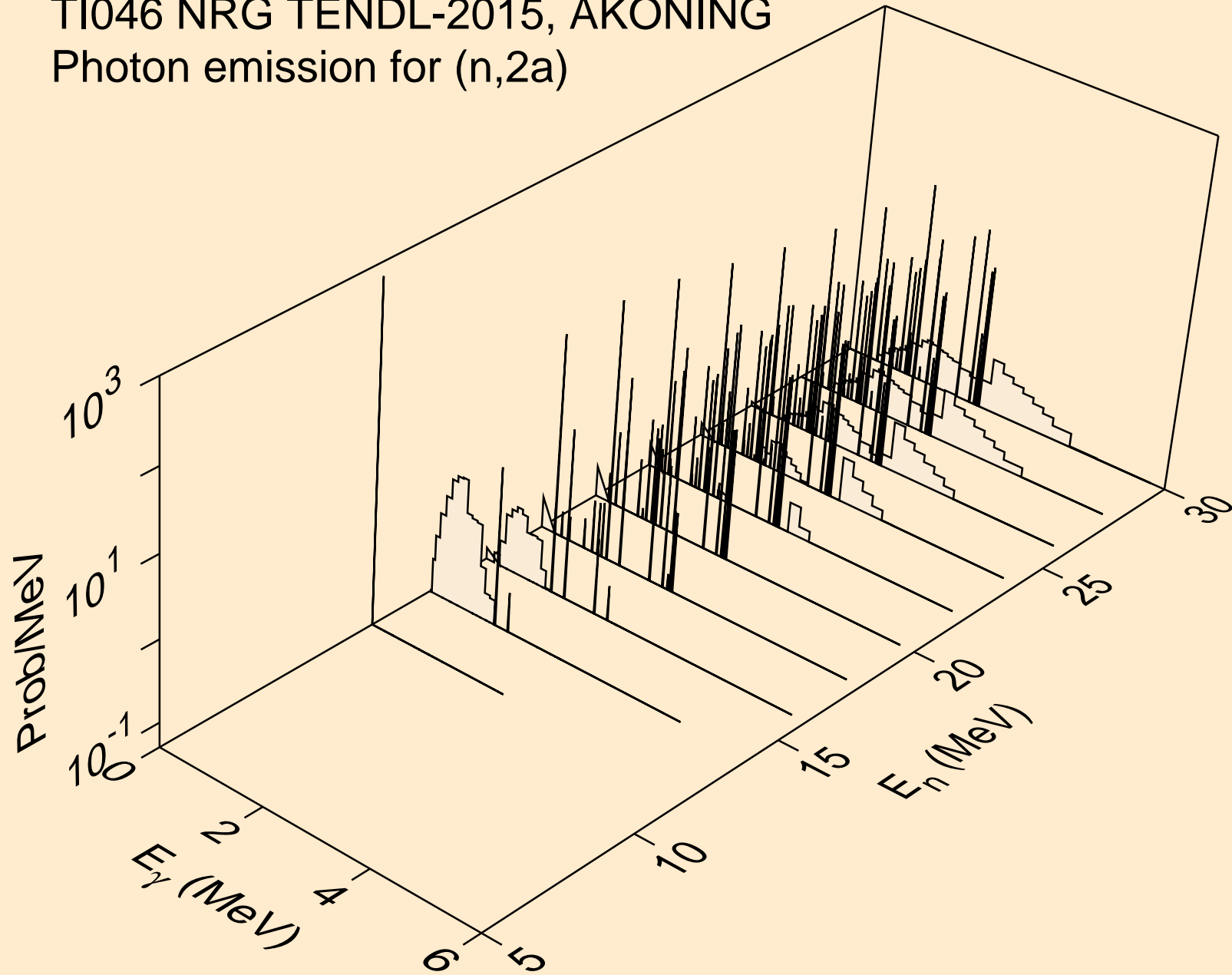




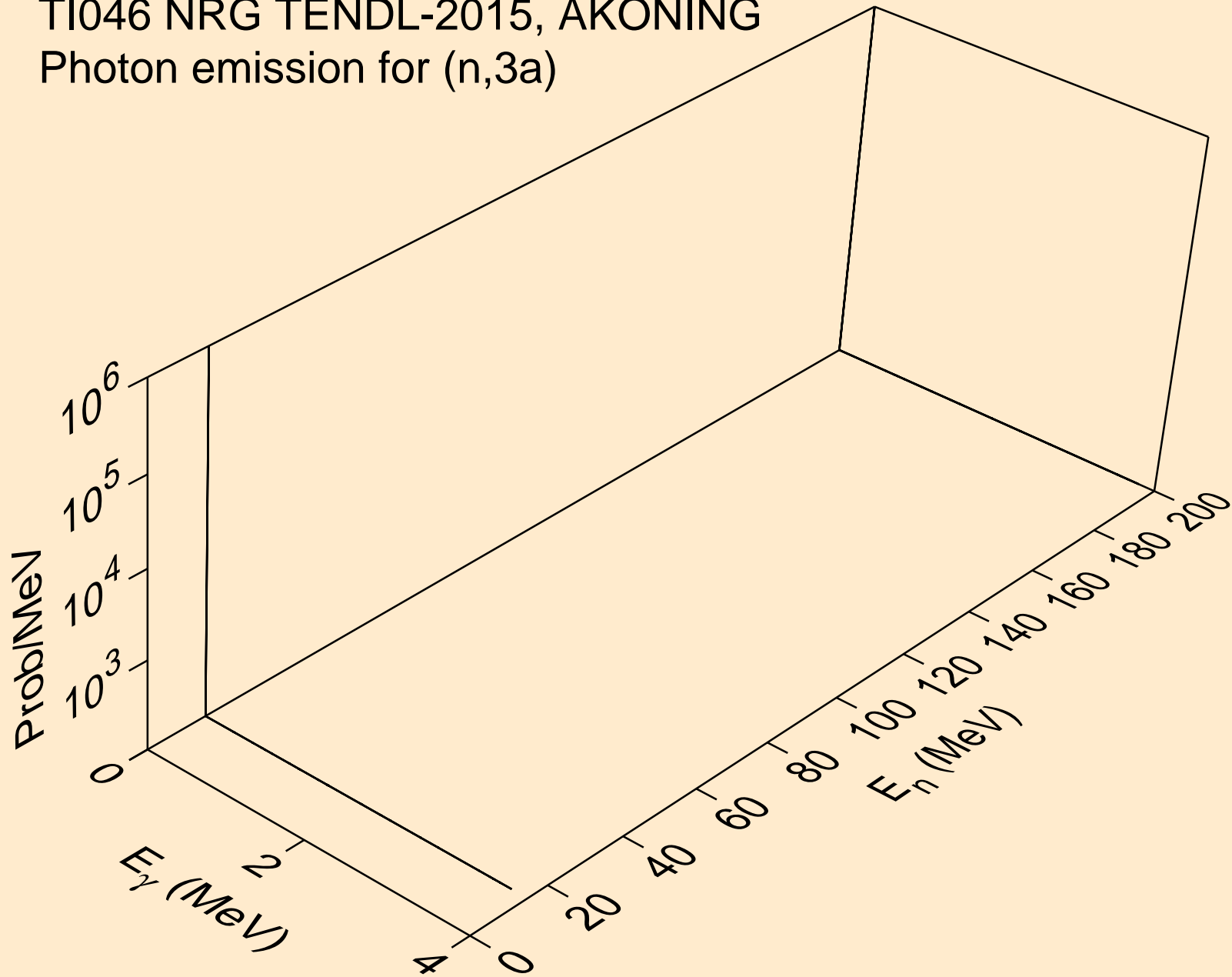
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



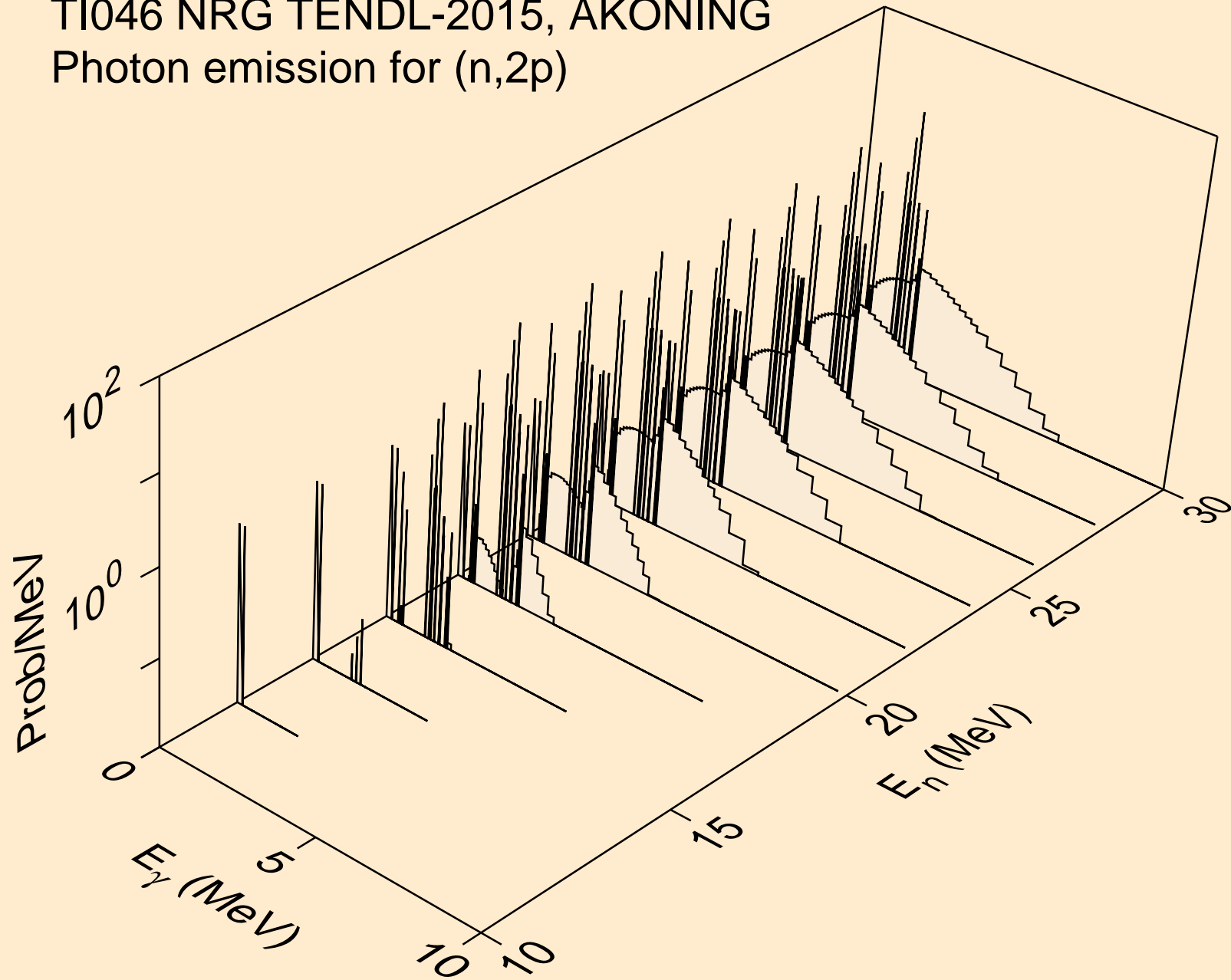
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



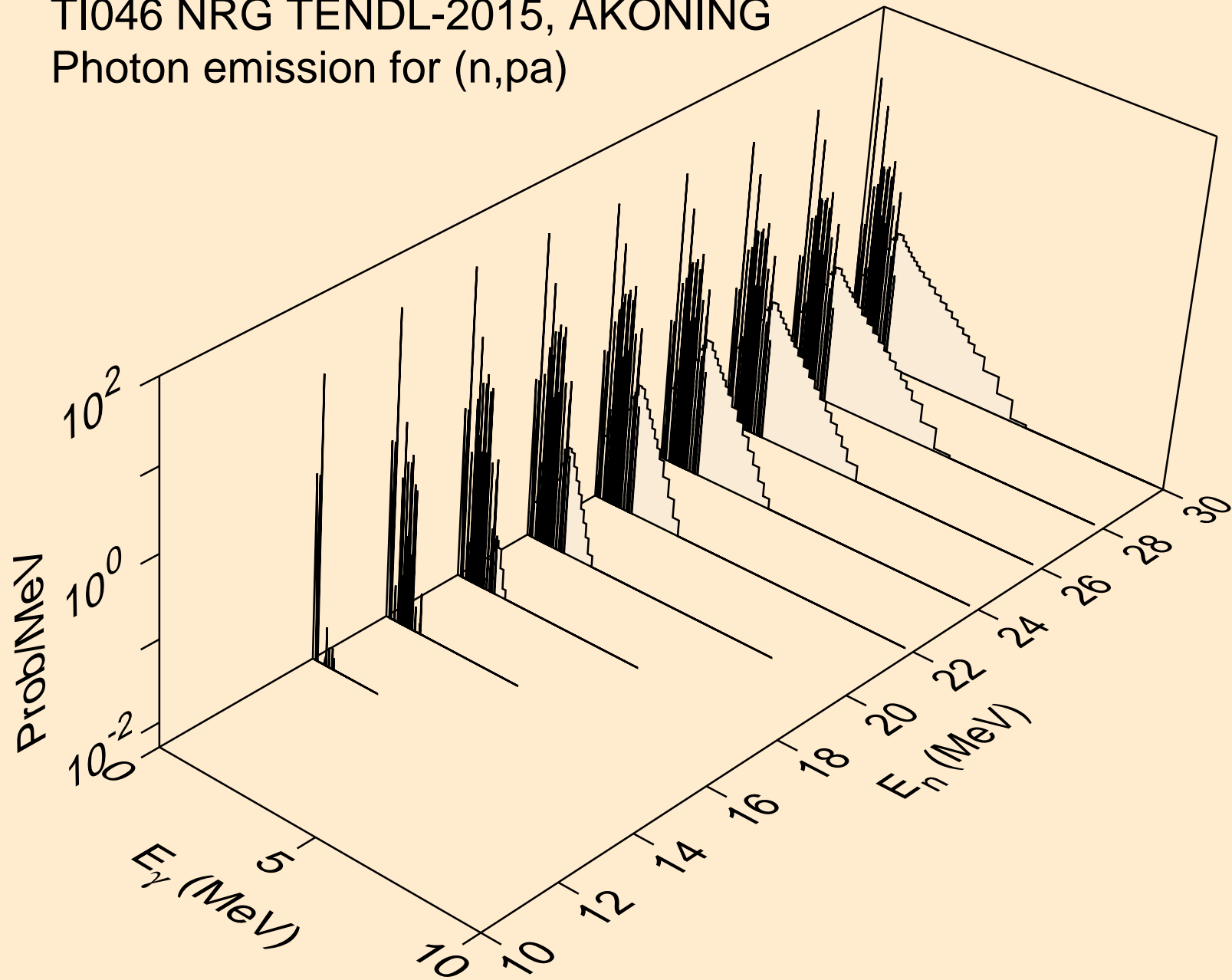
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



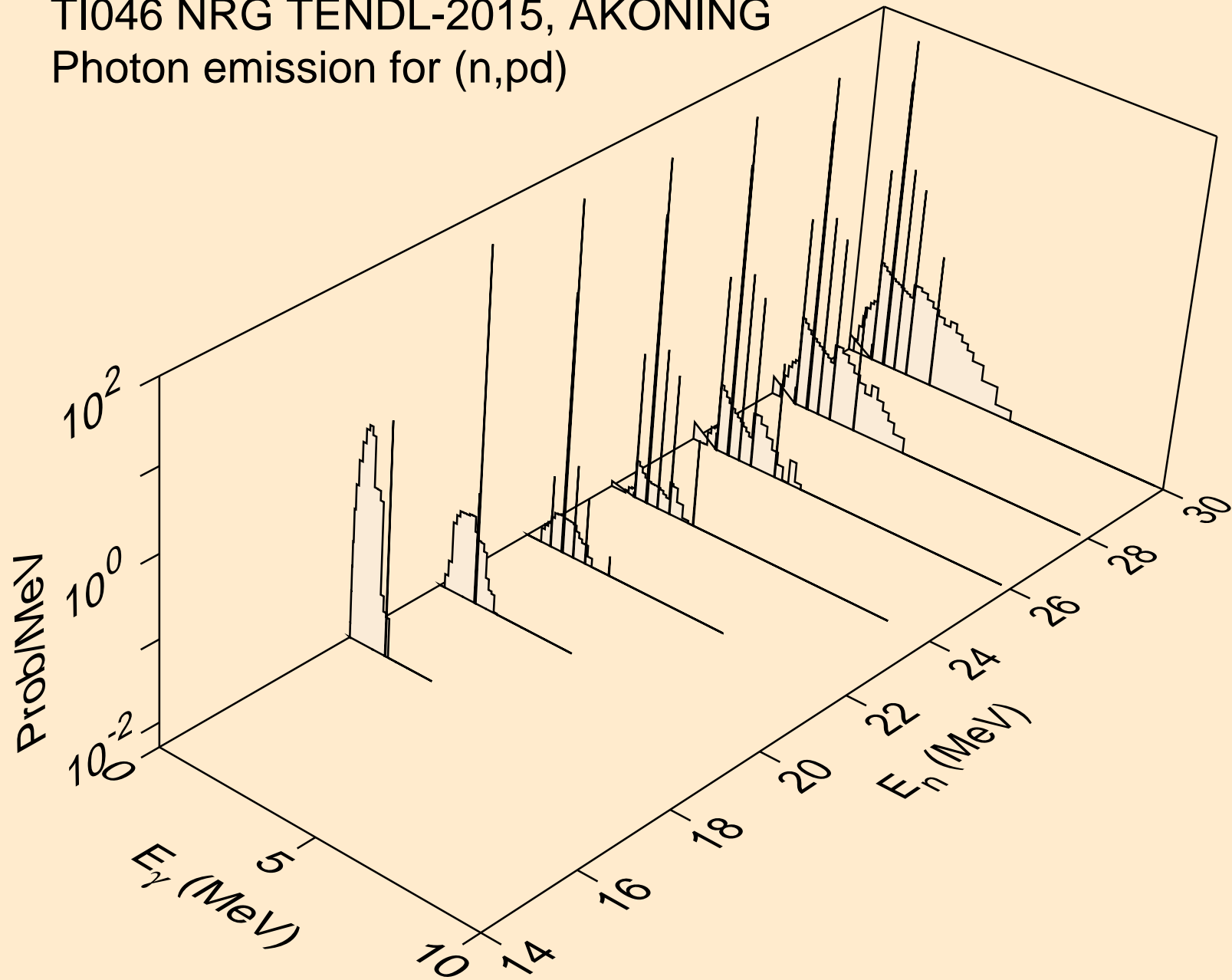
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



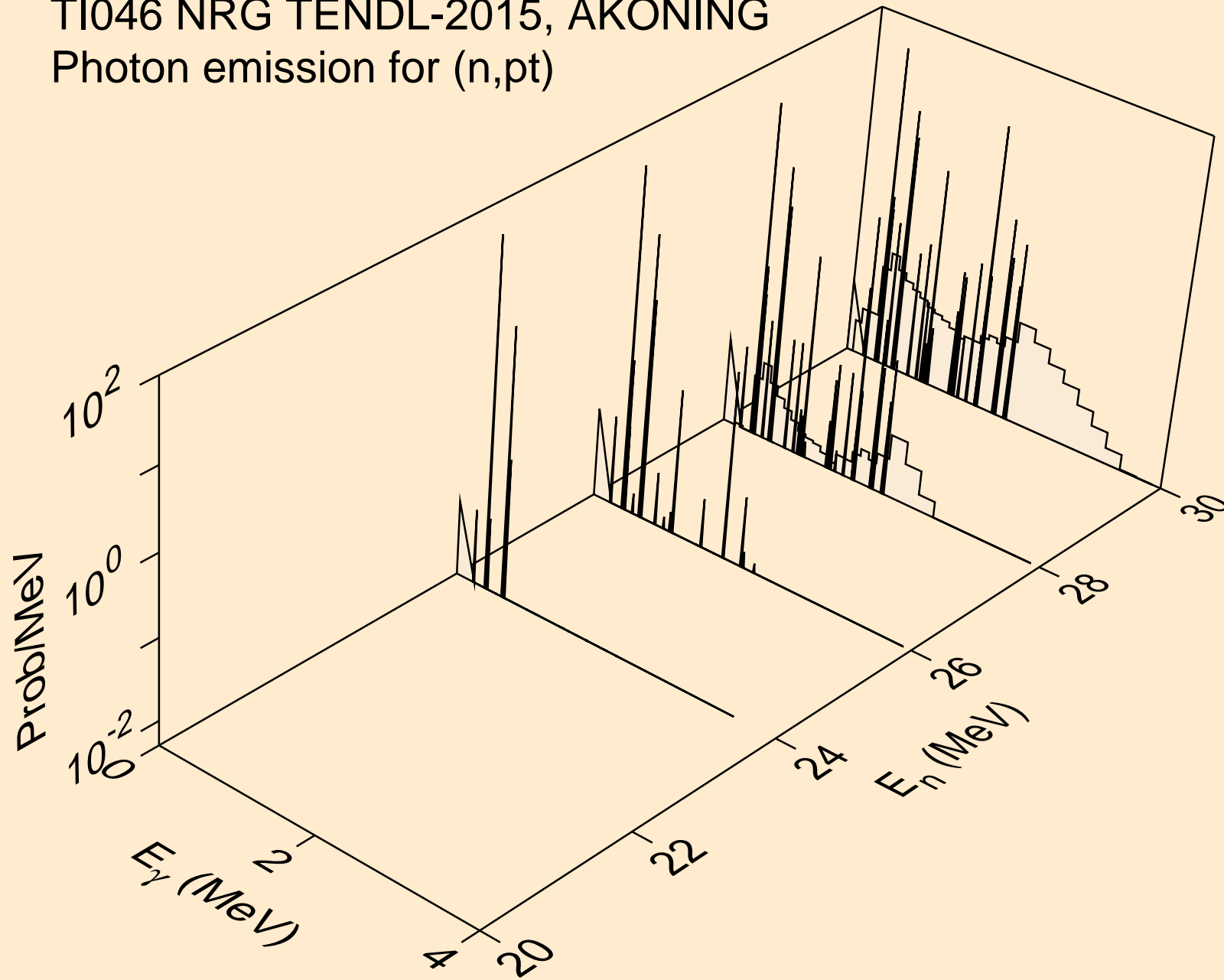
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



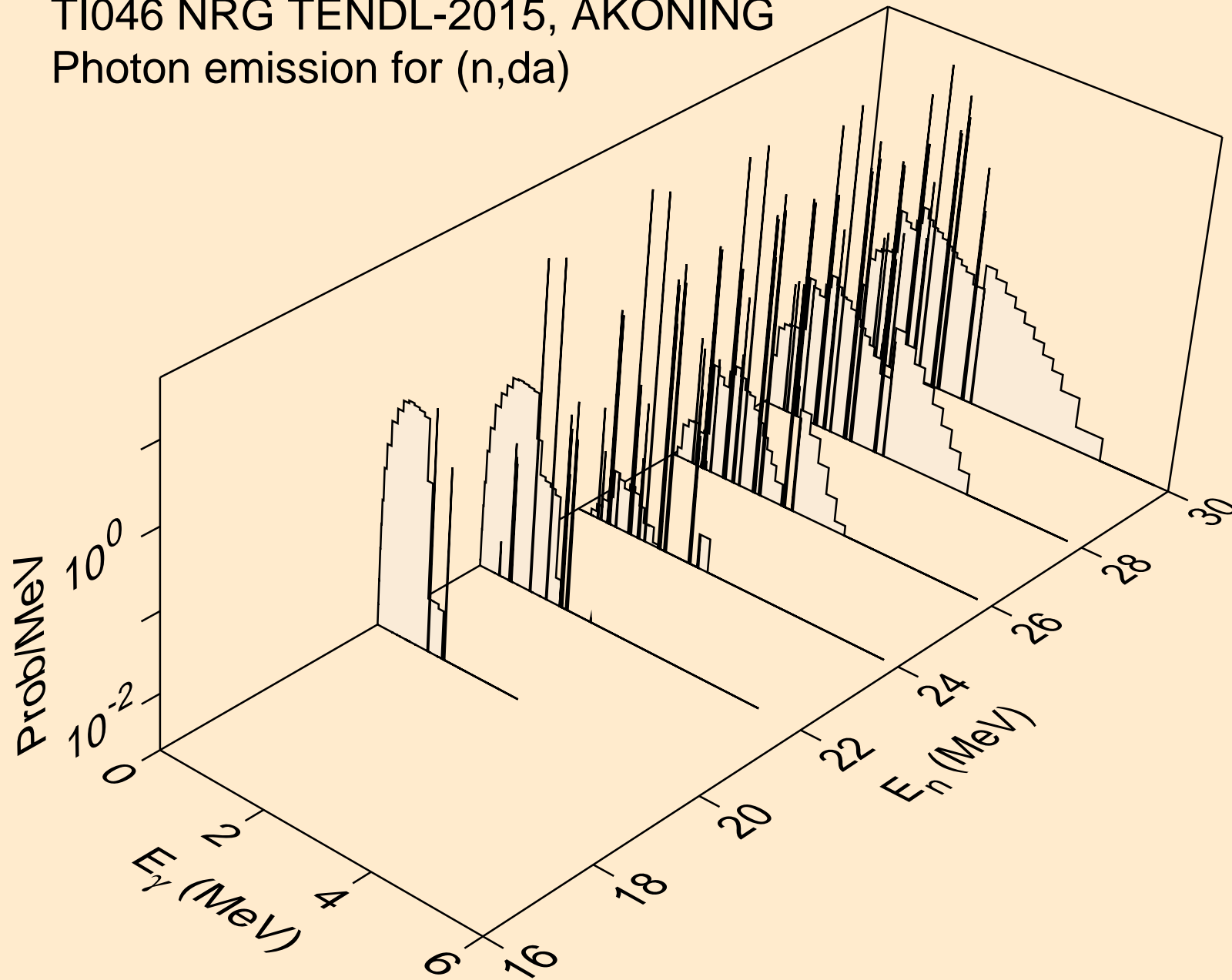
TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

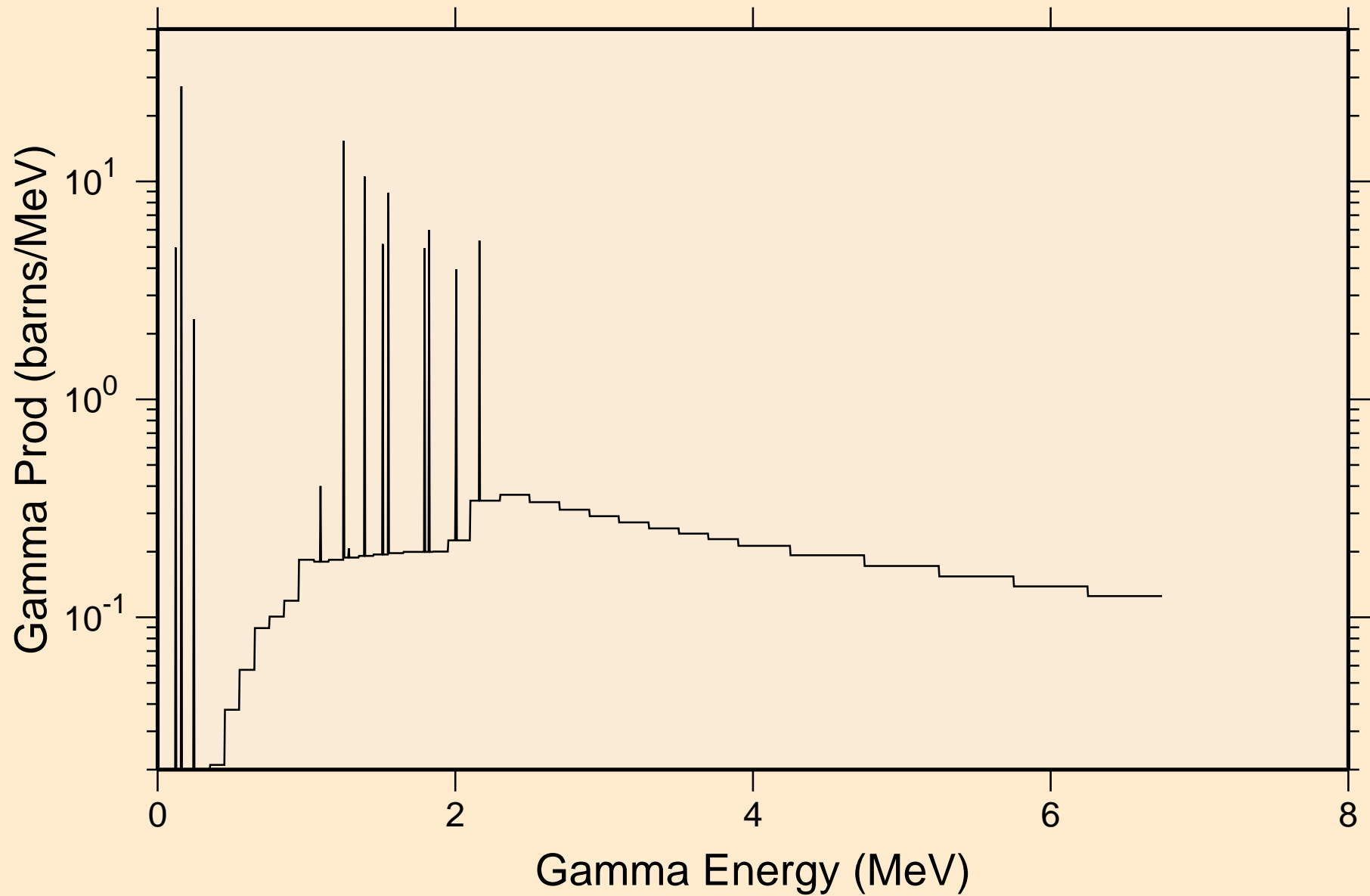


TI046 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

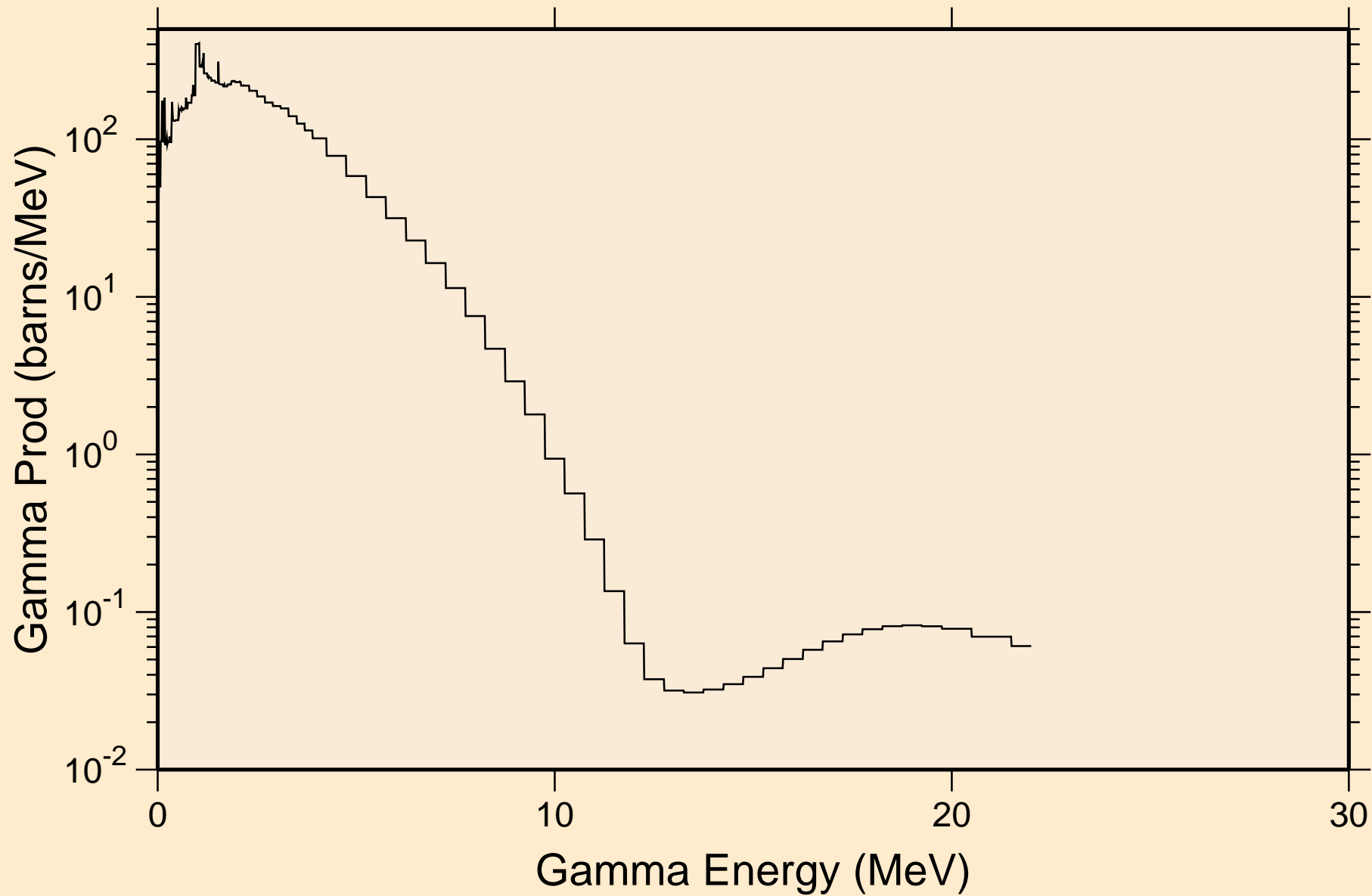




TI046 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

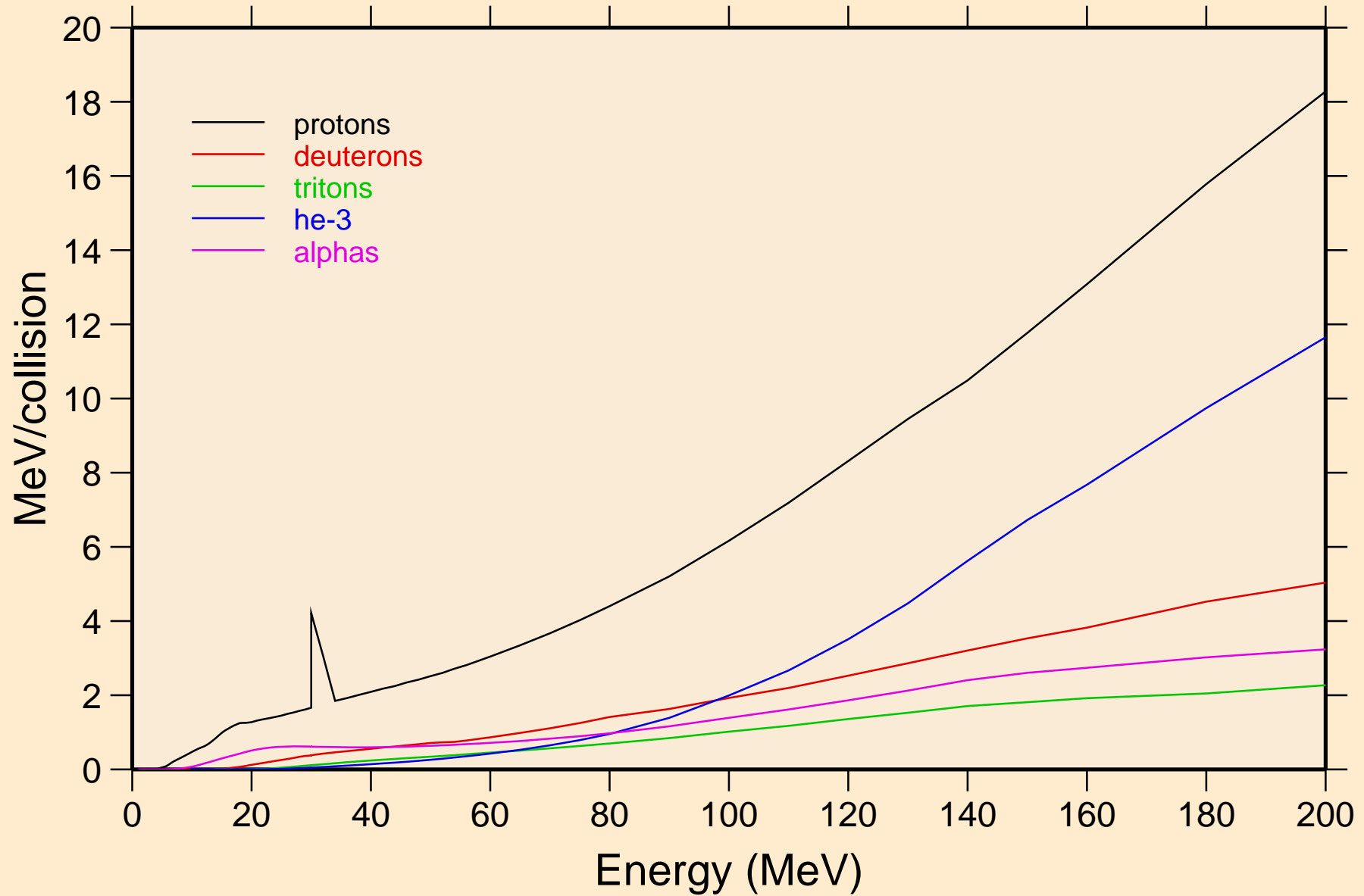


TI046 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



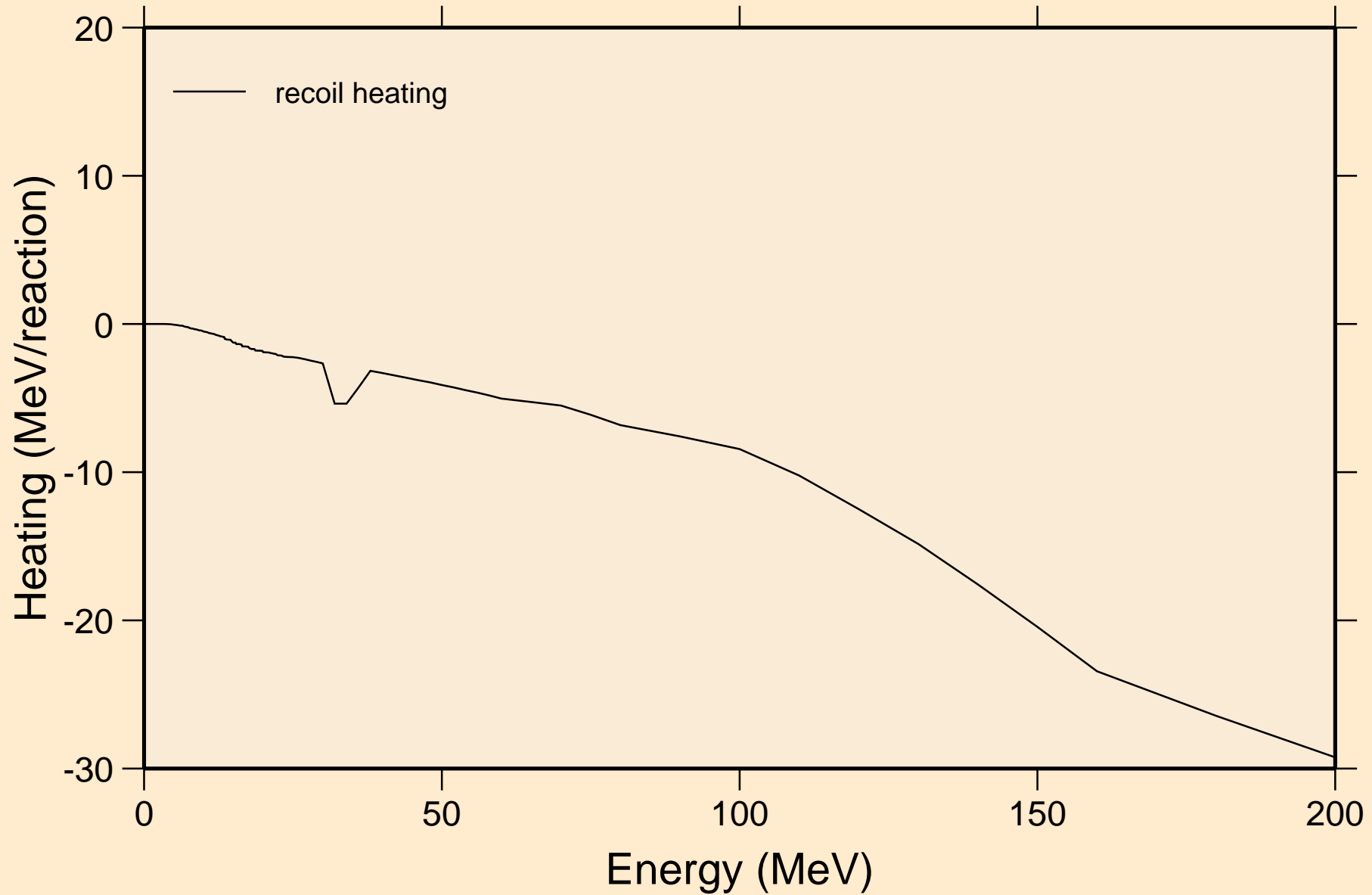
# TI046 NRG TENDL-2015, AKONING

## Particle heating contributions



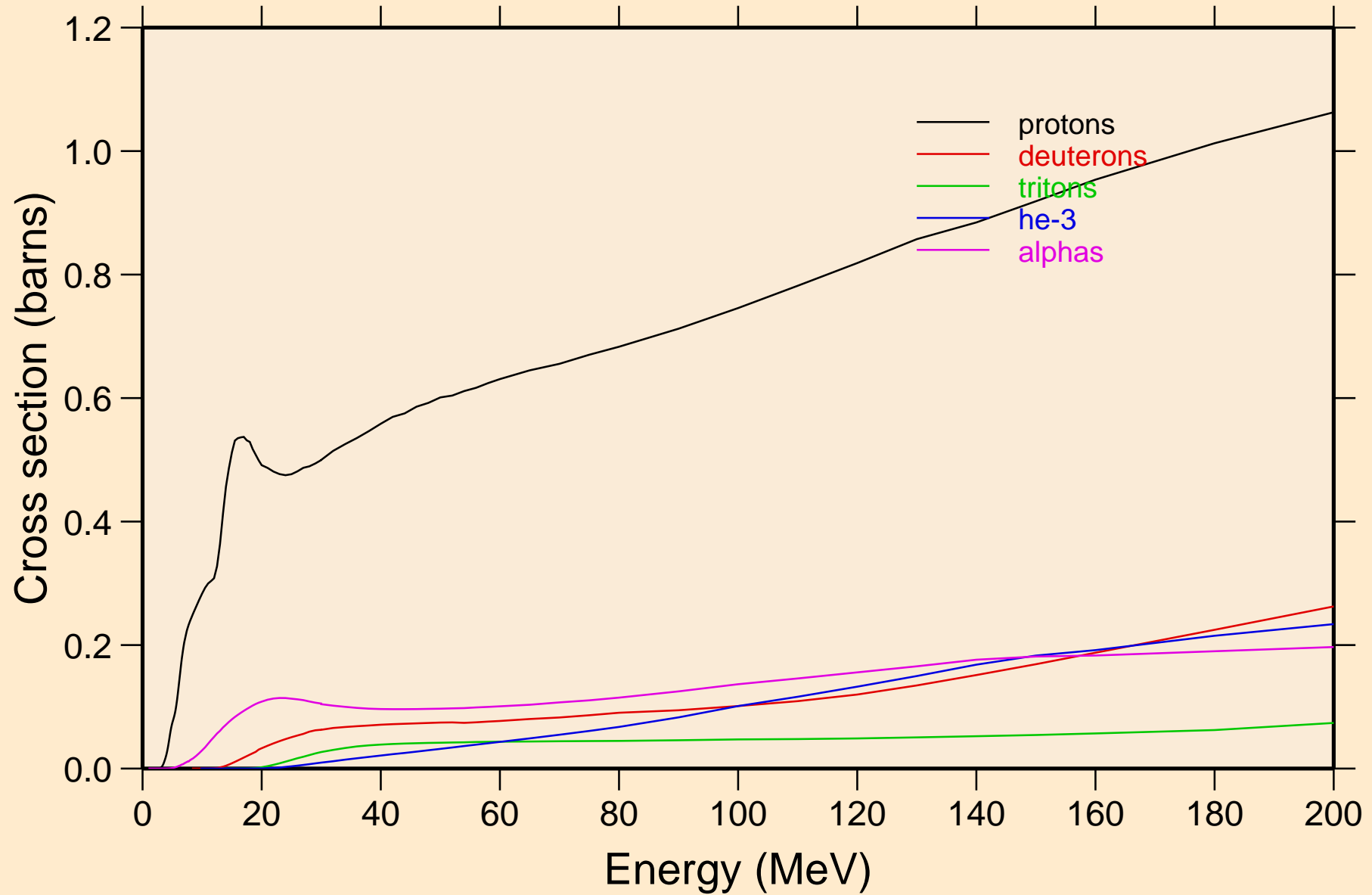
# TI046 NRG TENDL-2015, AKONING

## Recoil Heating

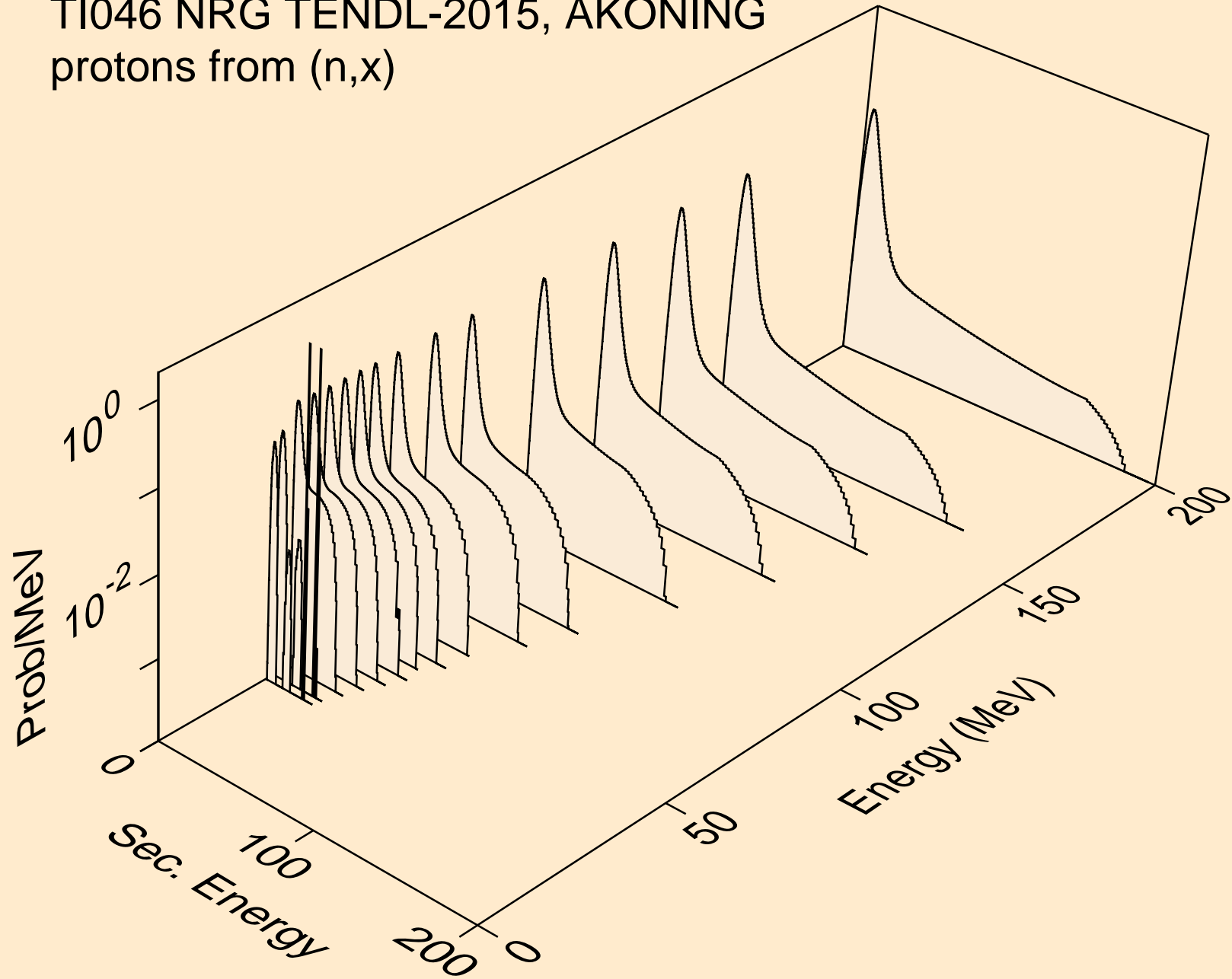


# TI046 NRG TENDL-2015, AKONING

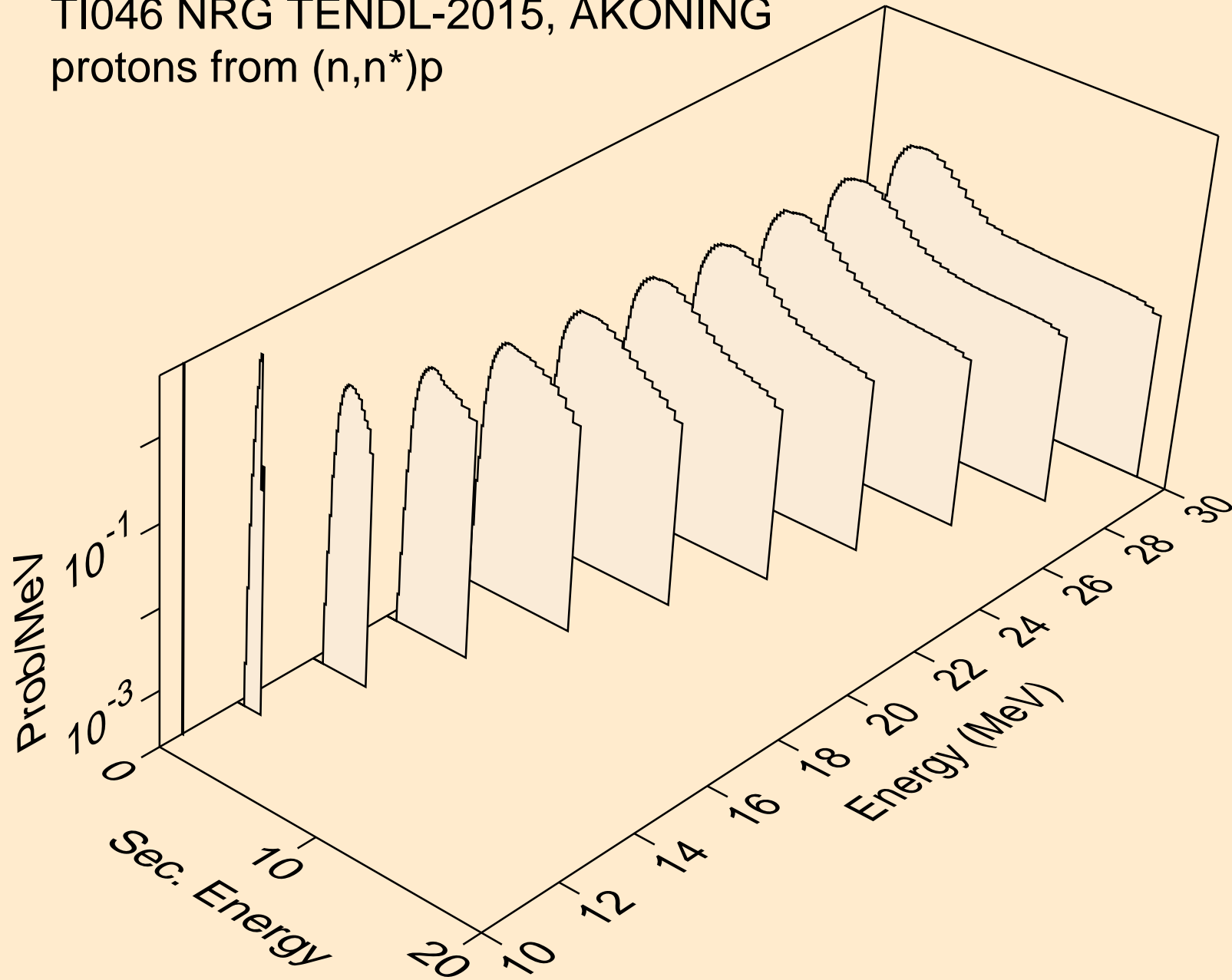
## Particle production cross sections



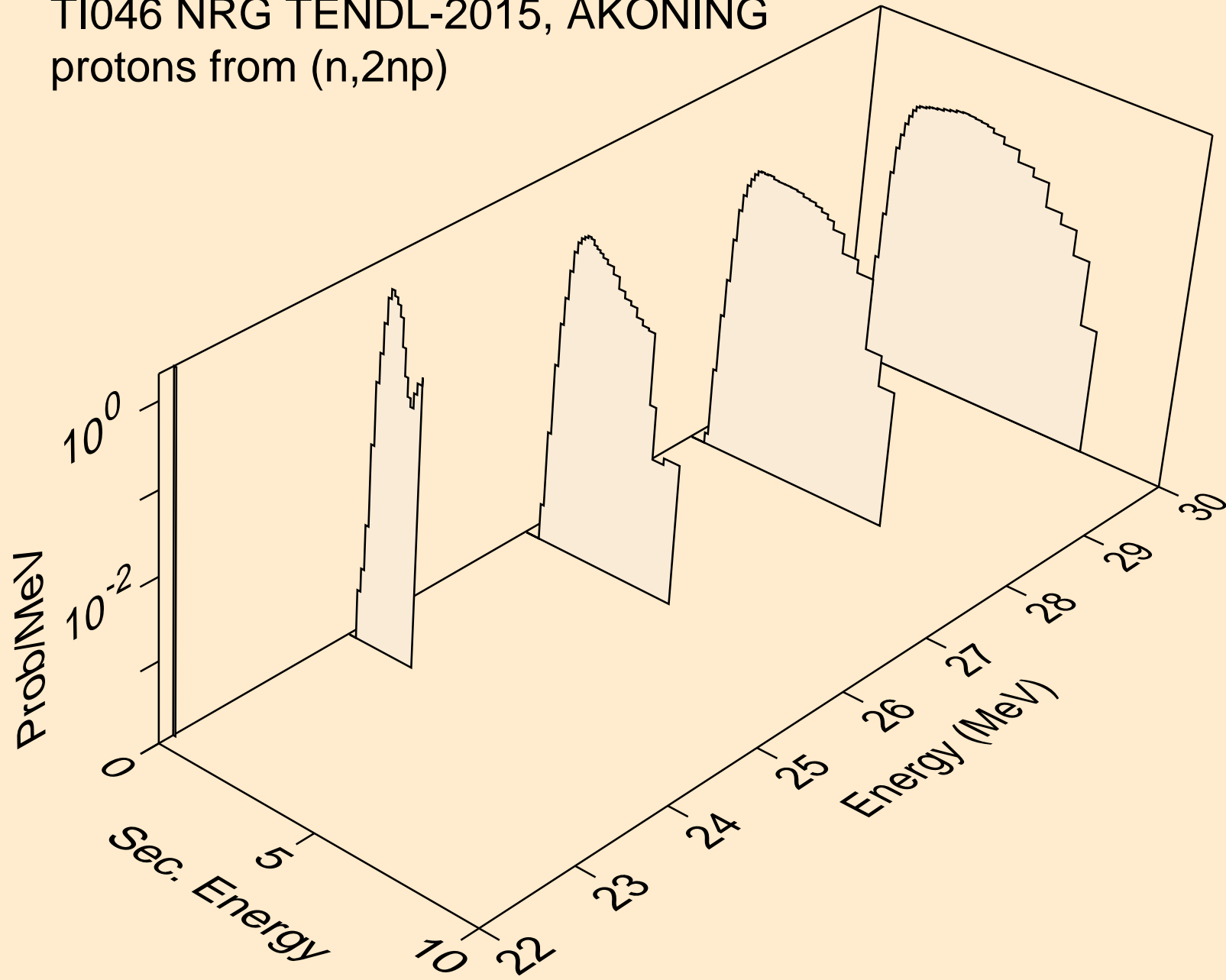
TI046 NRG TENDL-2015, AKONING  
protons from (n,x)



TI046 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

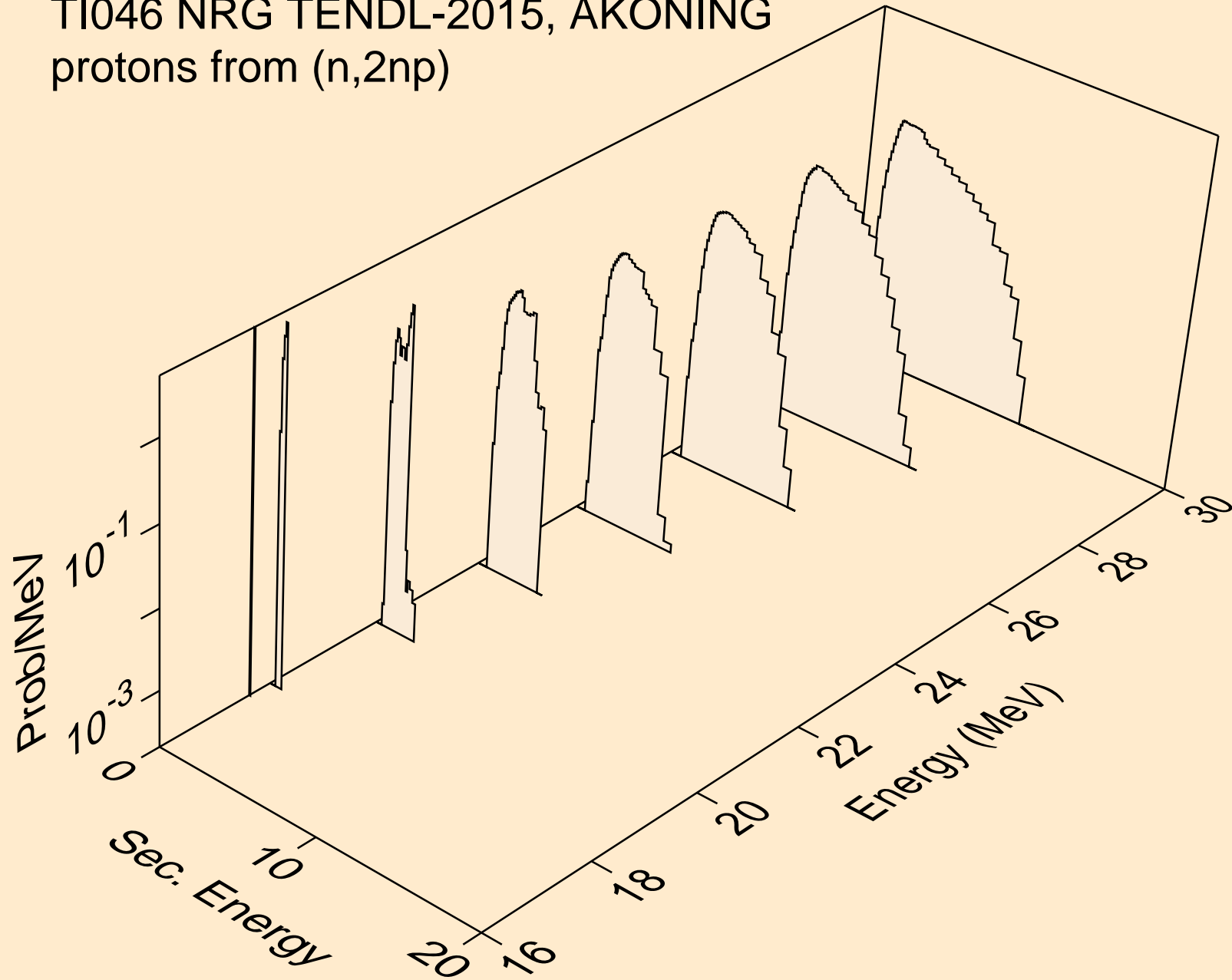


TI046 NRG TENDL-2015, AKONING  
protons from (n,2np)

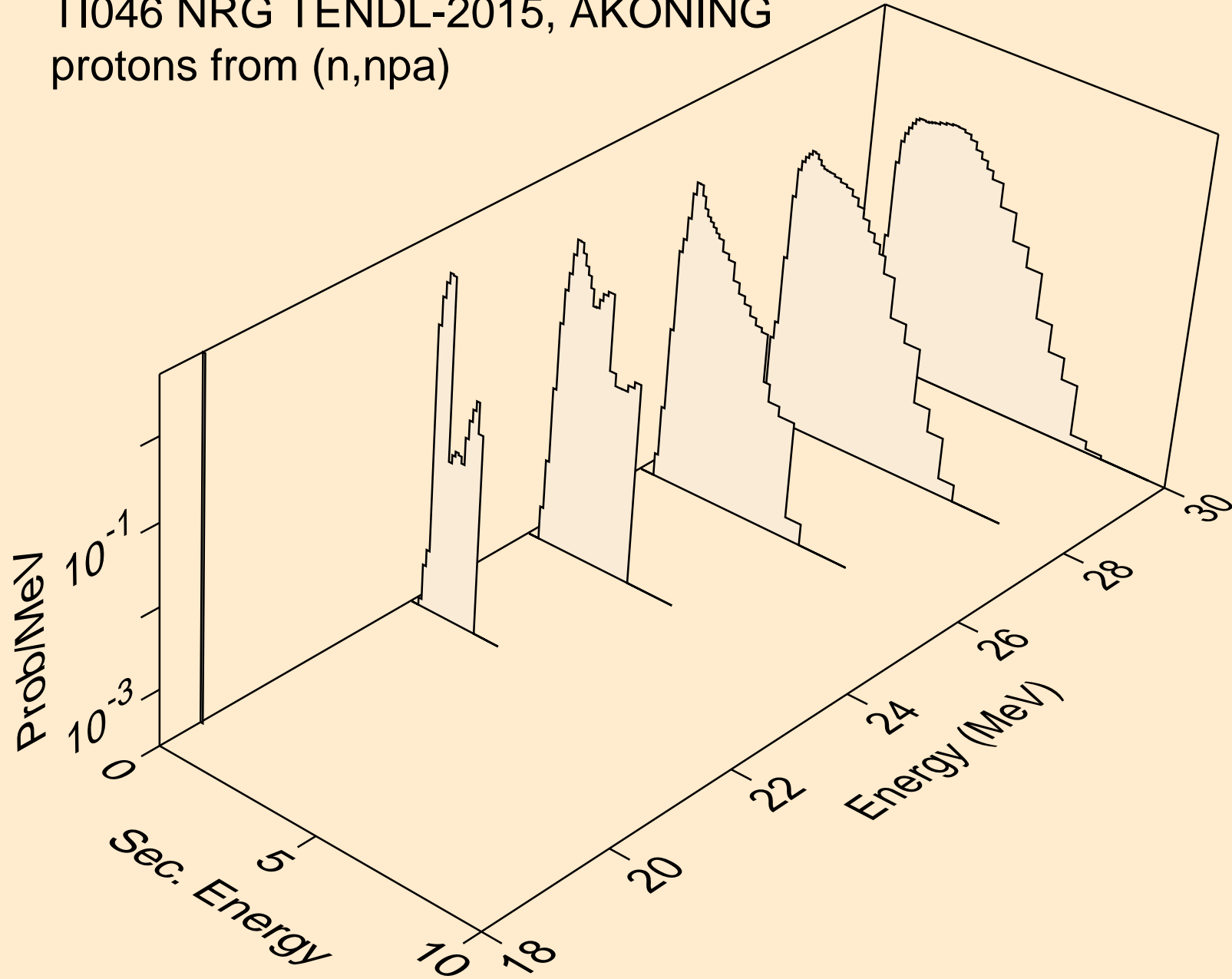




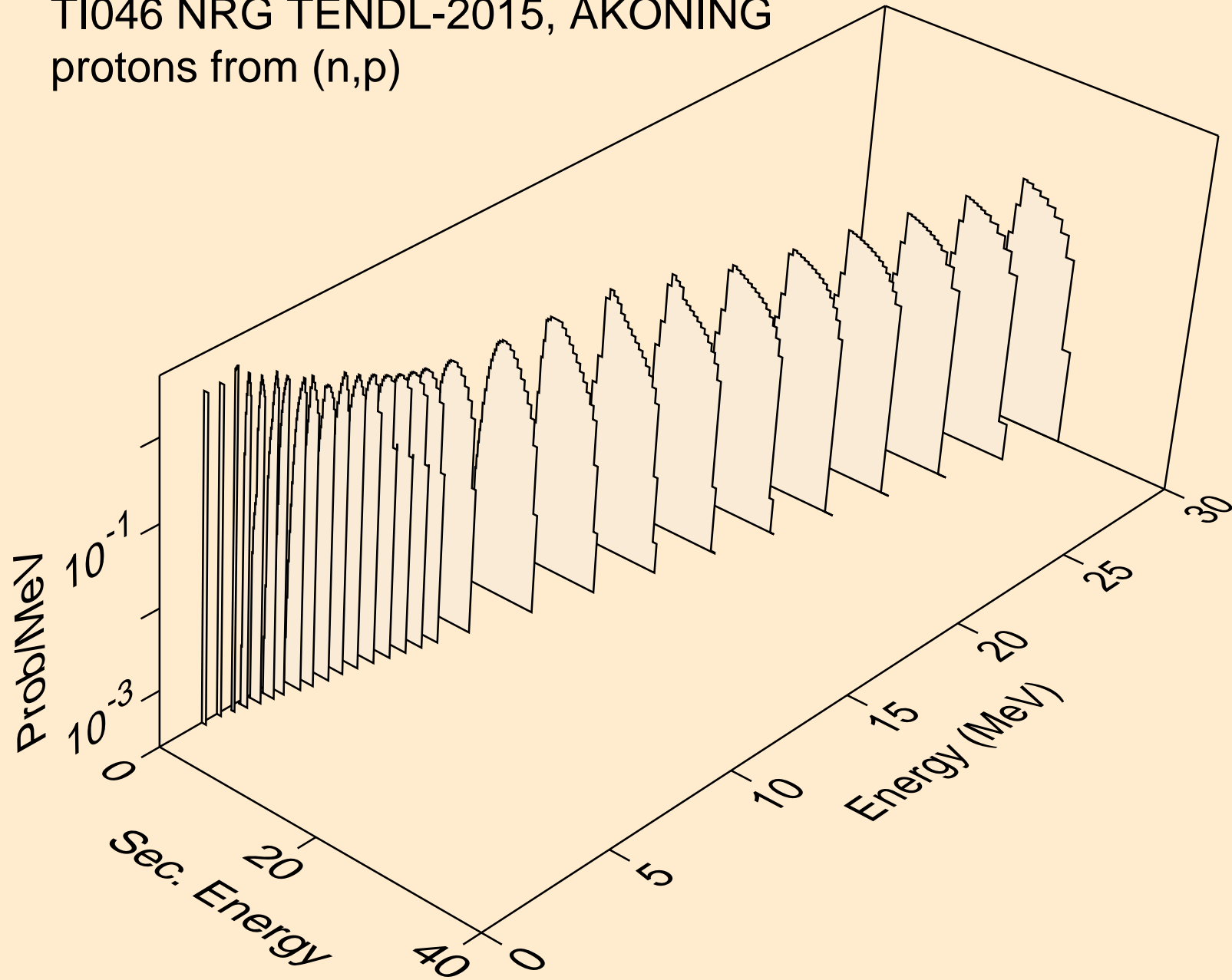
TI046 NRG TENDL-2015, AKONING  
protons from (n,2np)



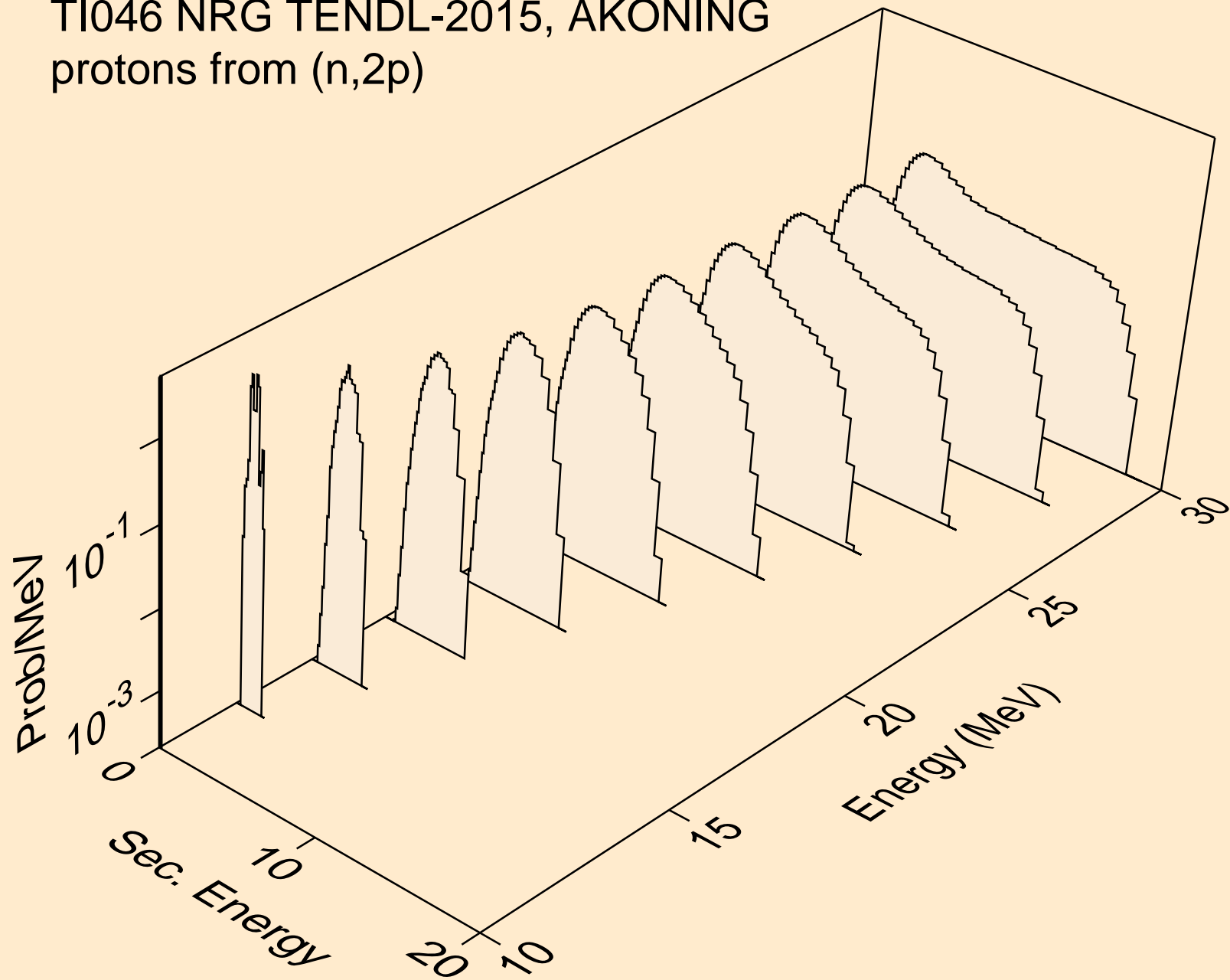
TI046 NRG TENDL-2015, AKONING  
protons from (n,npa)



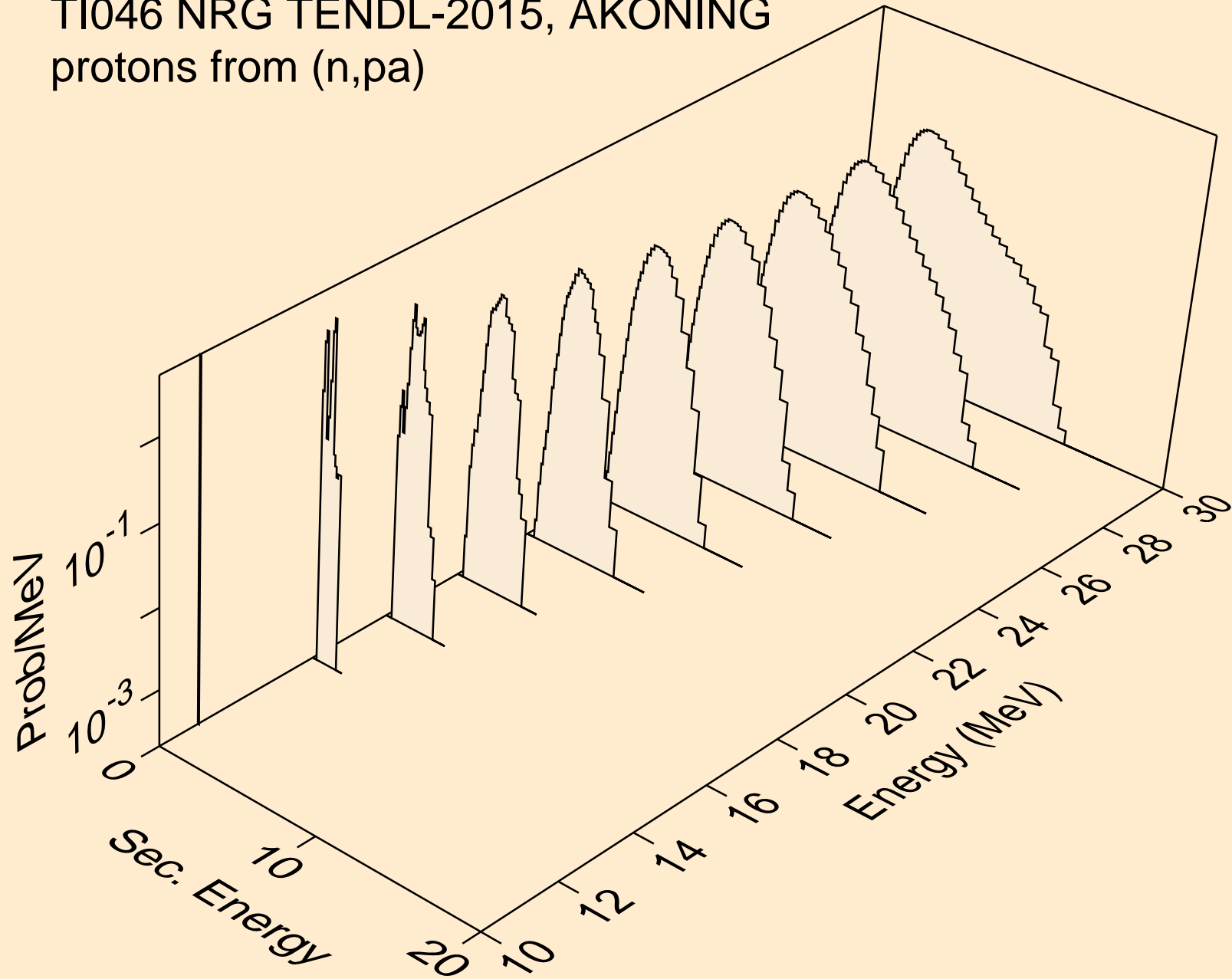
TI046 NRG TENDL-2015, AKONING  
protons from (n,p)



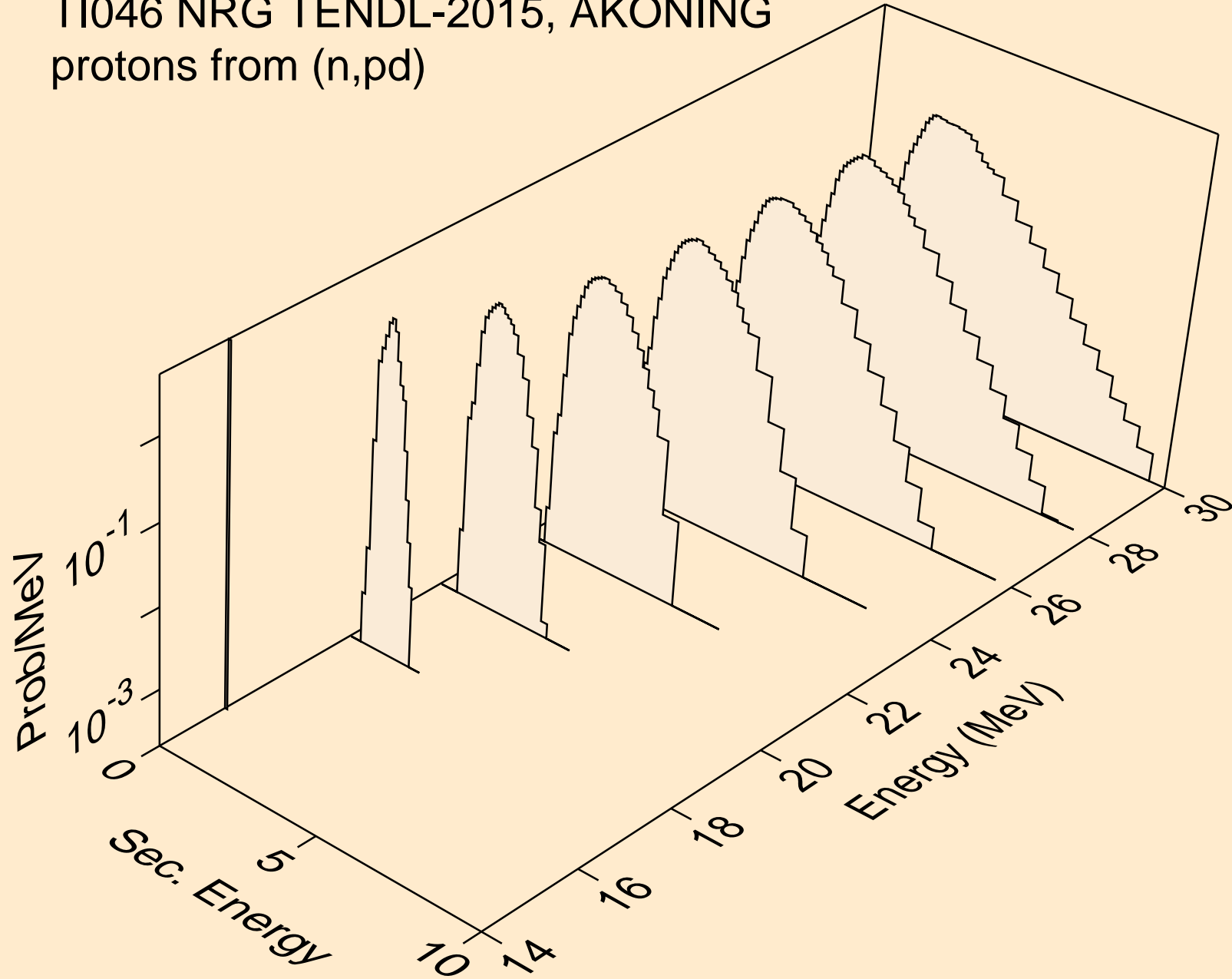
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protons from (n,2p)



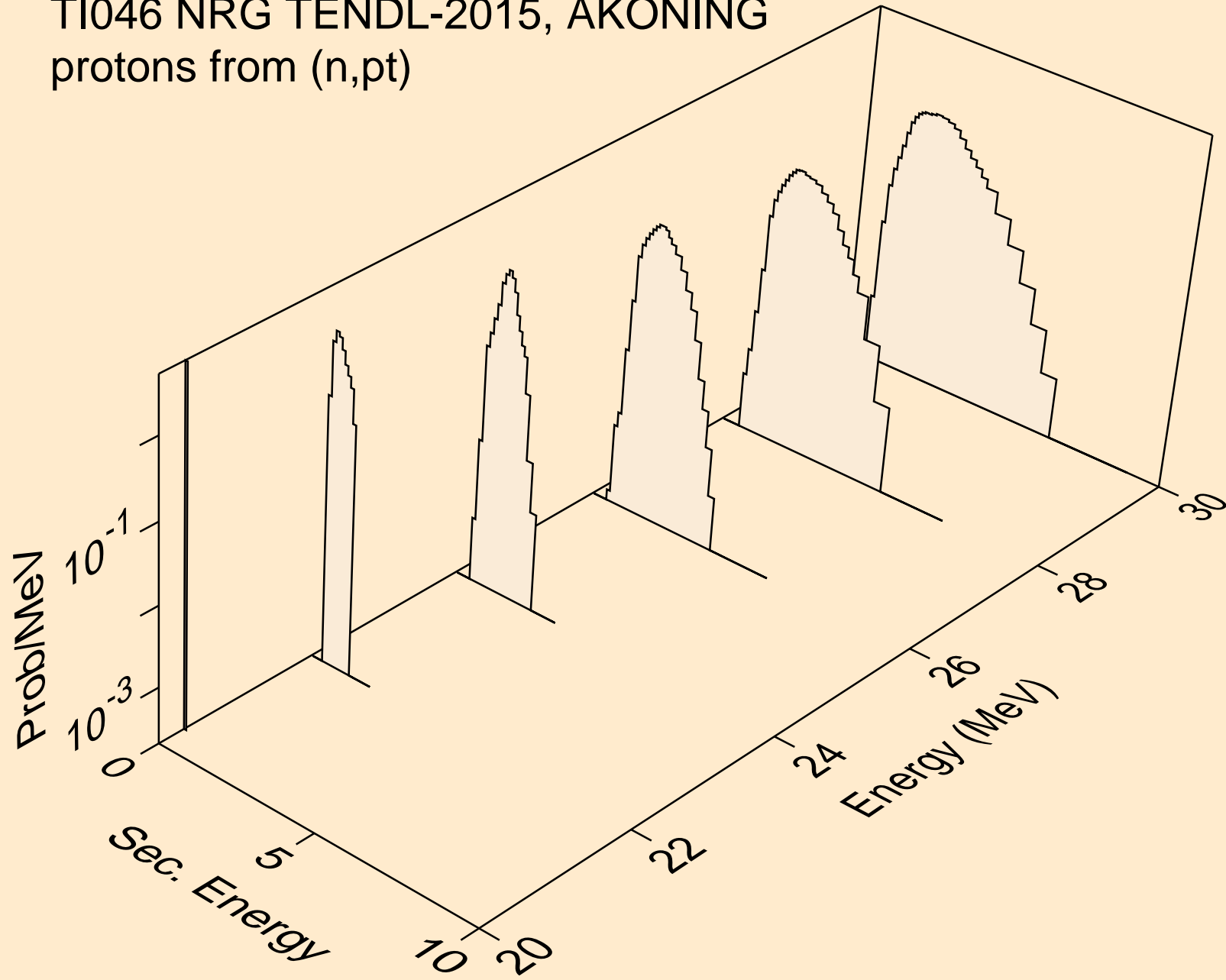
TI046 NRG TENDL-2015, AKONING  
protons from (n,pa)



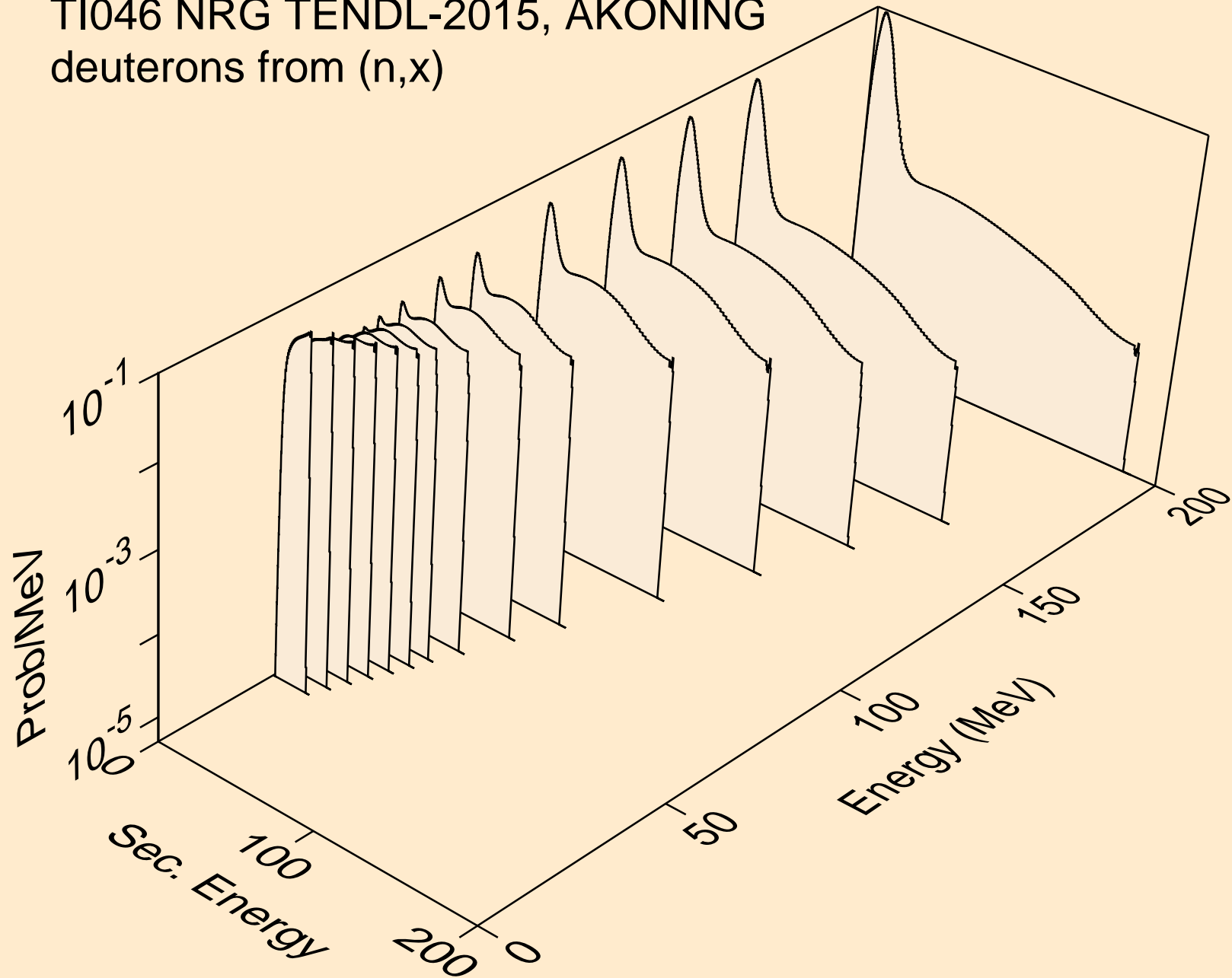
TI046 NRG TENDL-2015, AKONING  
protons from (n,pd)



TI046 NRG TENDL-2015, AKONING  
protons from (n,pt)

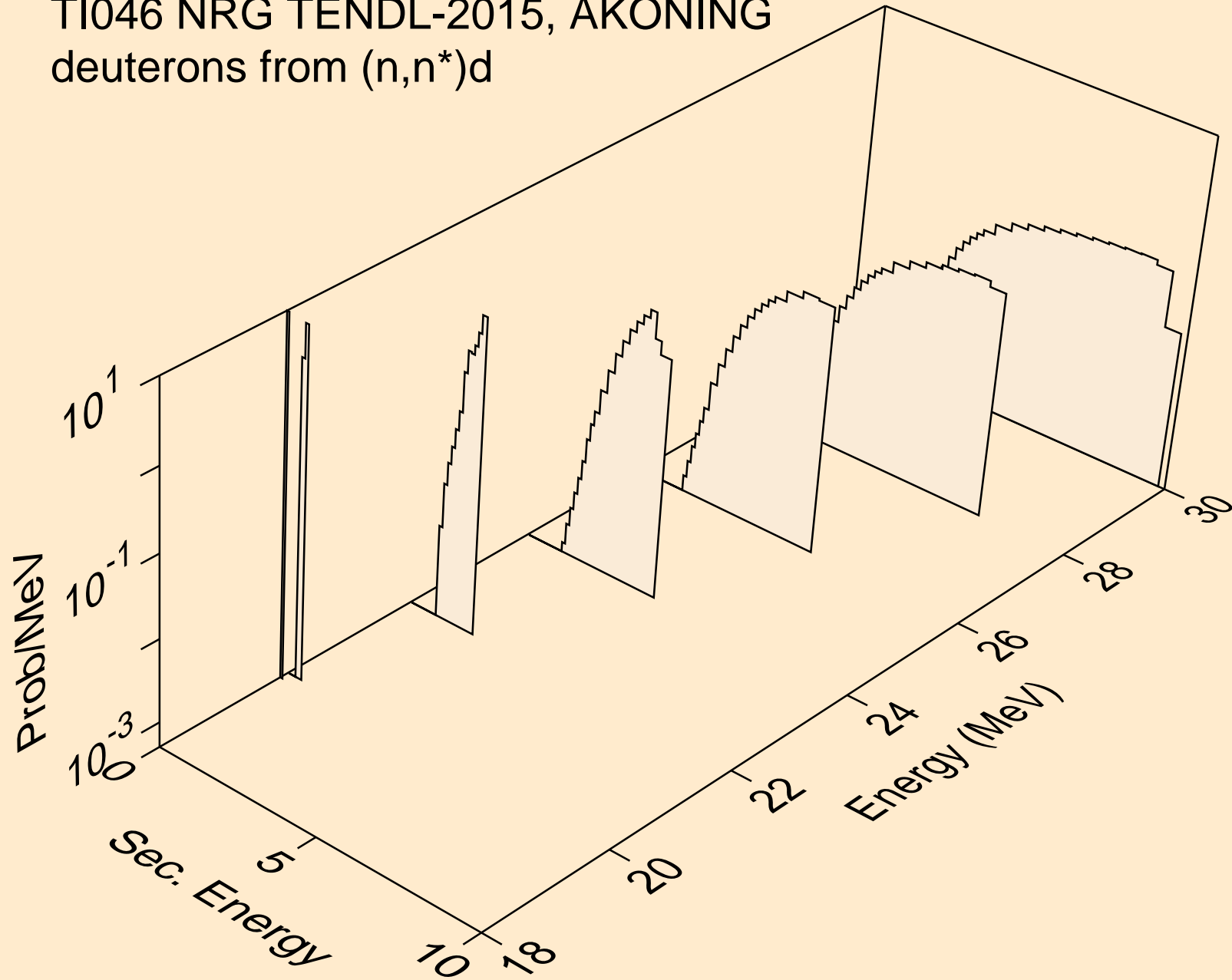


TI046 NRG TENDL-2015, AKONING  
deuterons from (n,x)

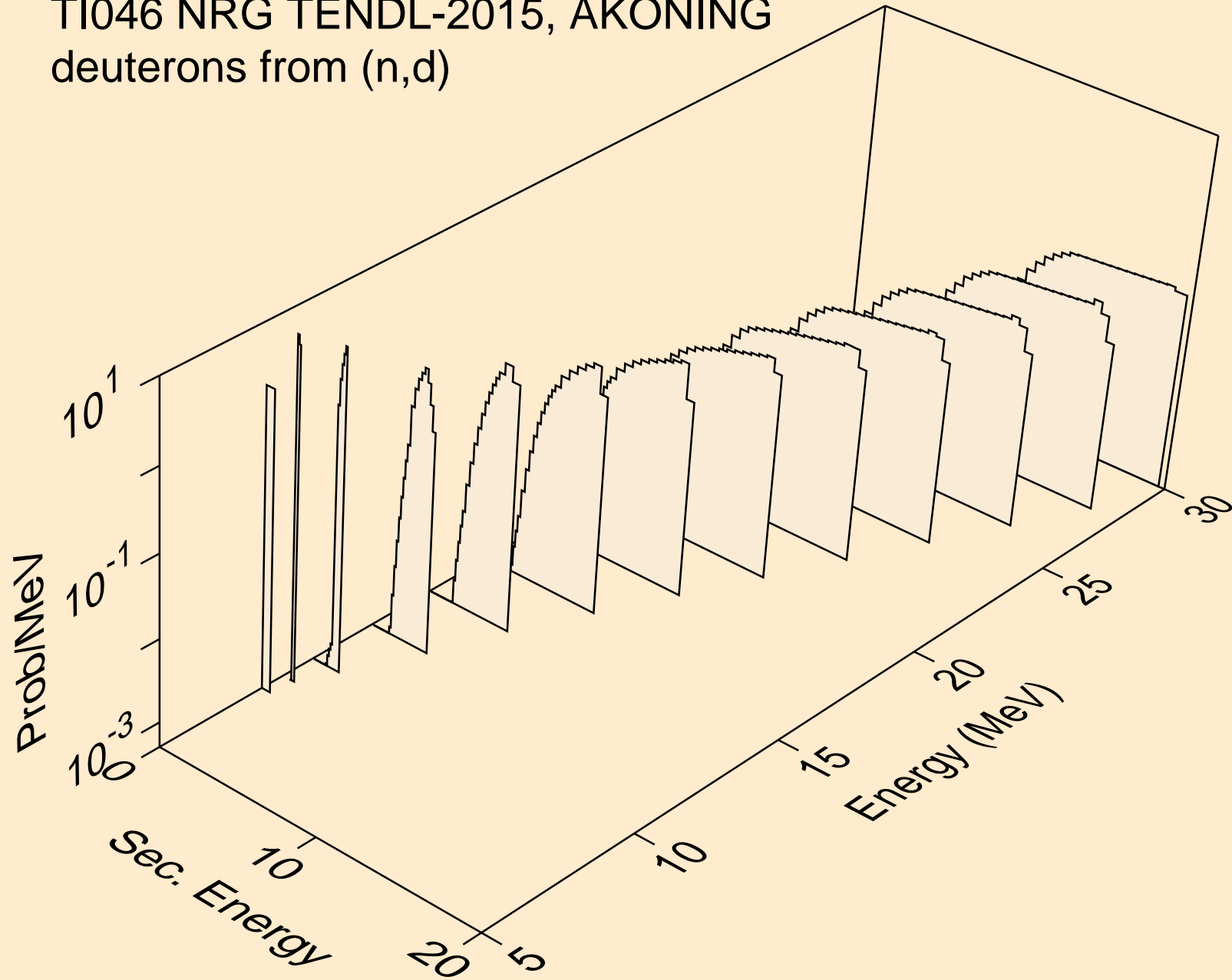




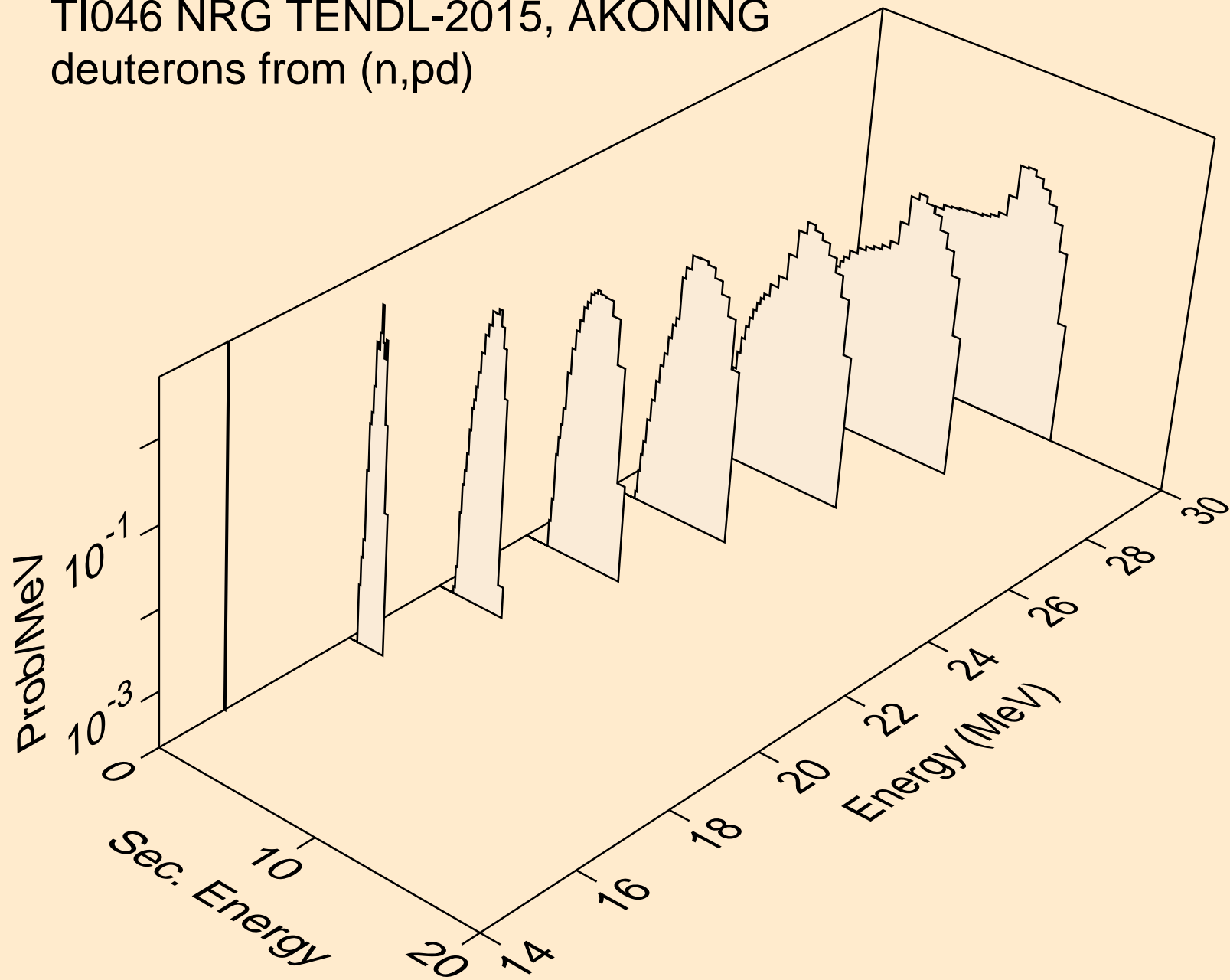
TI046 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



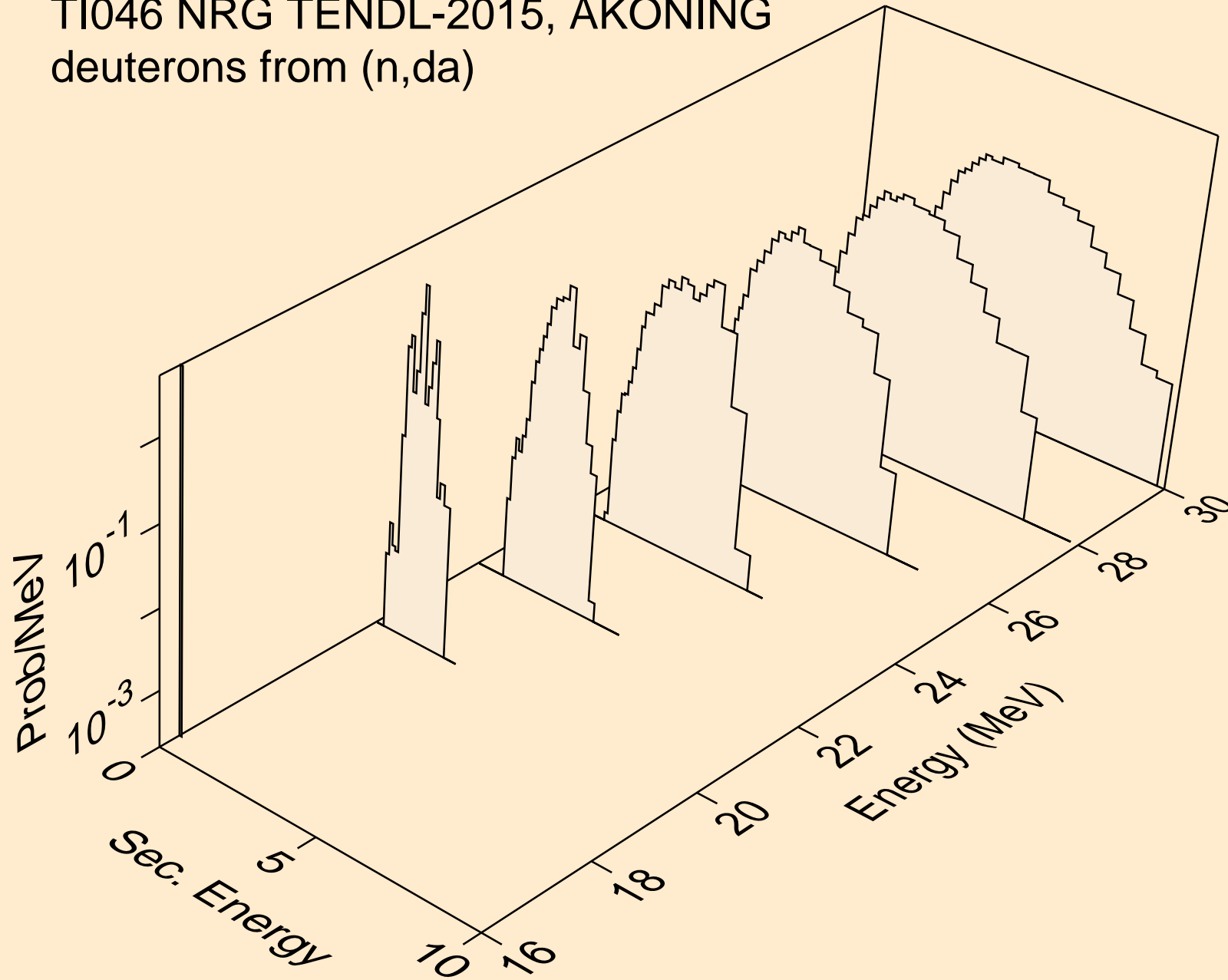
TI046 NRG TENDL-2015, AKONING  
deuterons from (n,d)



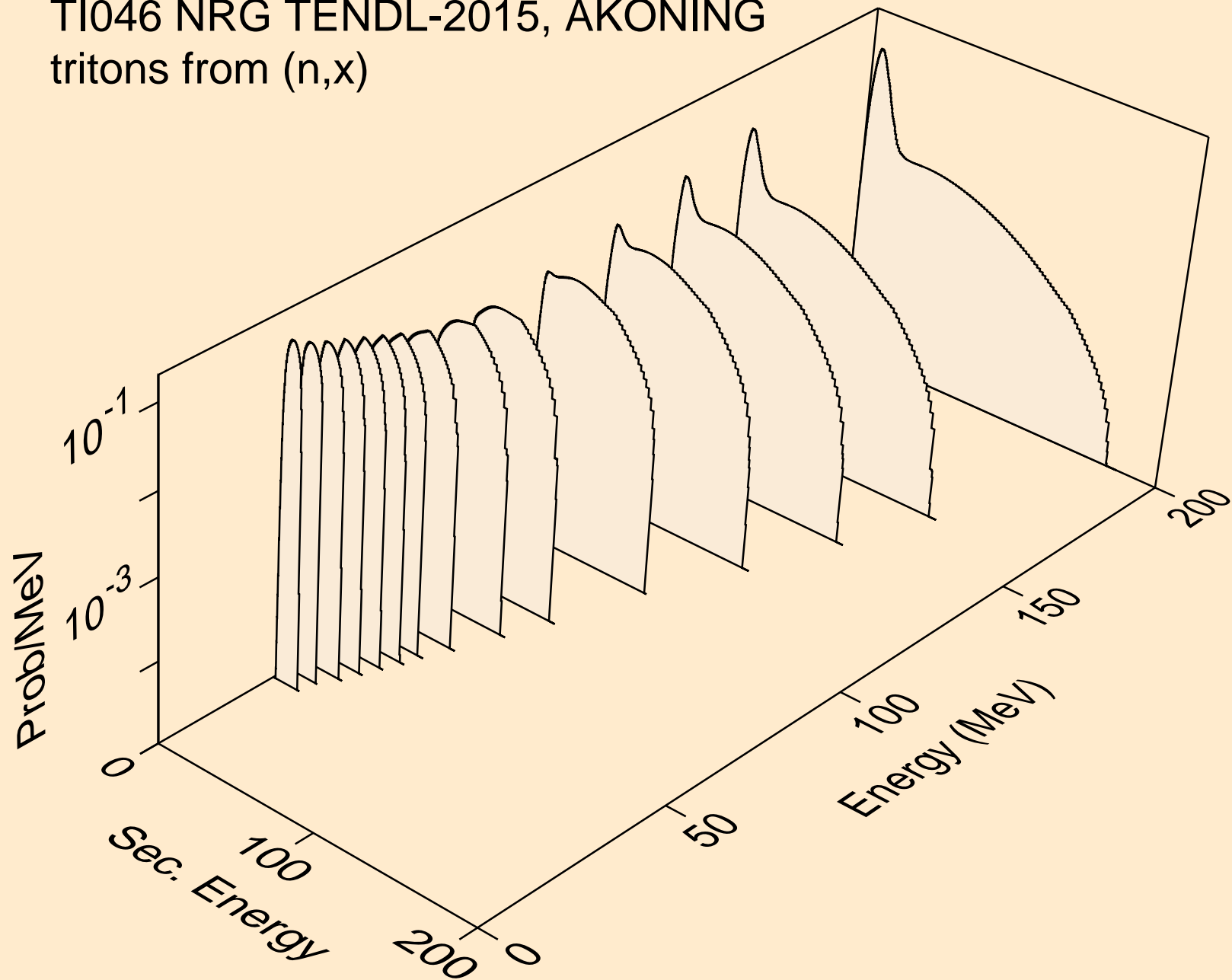
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deuterons from (n,pd)



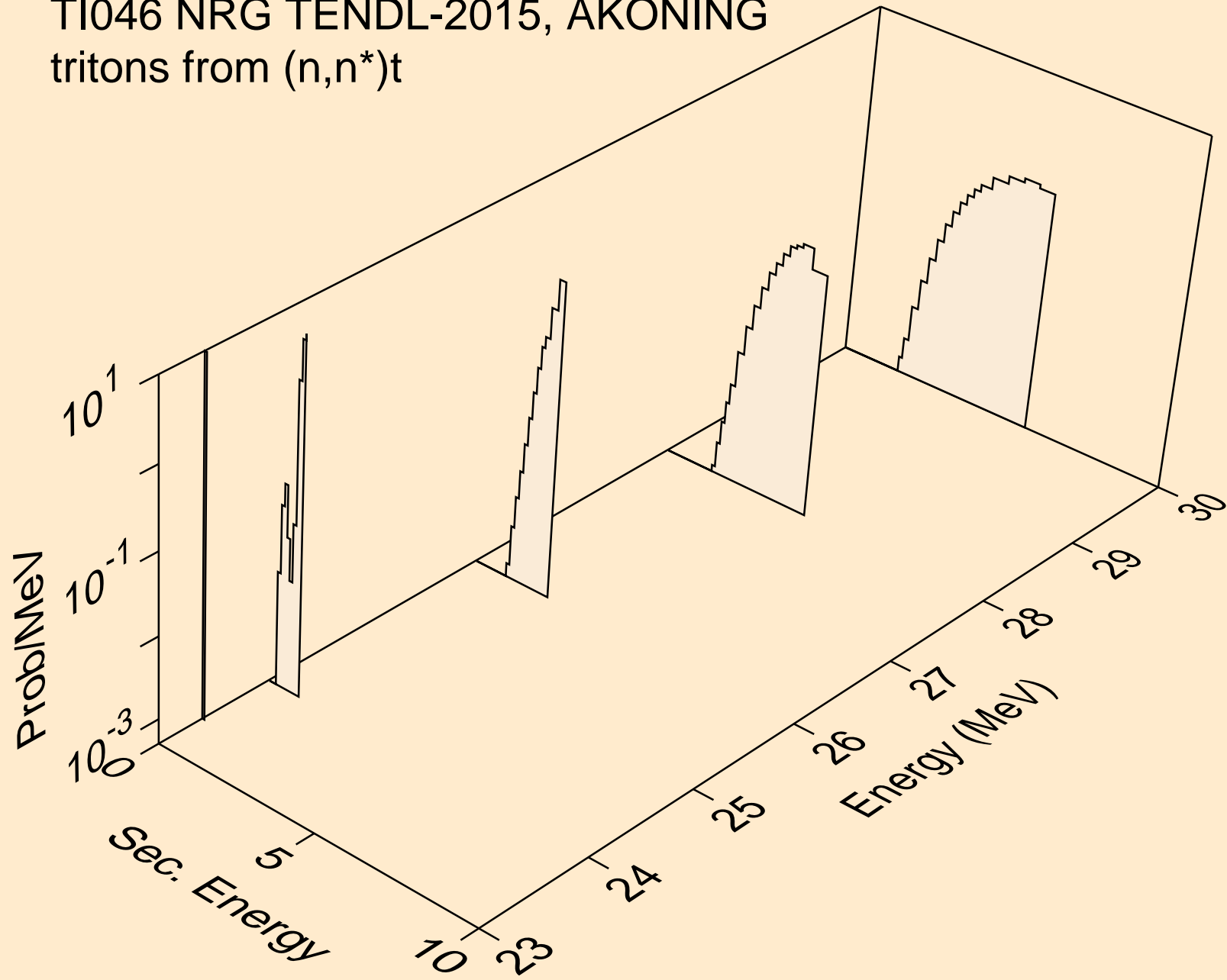
TI046 NRG TENDL-2015, AKONING  
deuterons from (n,da)



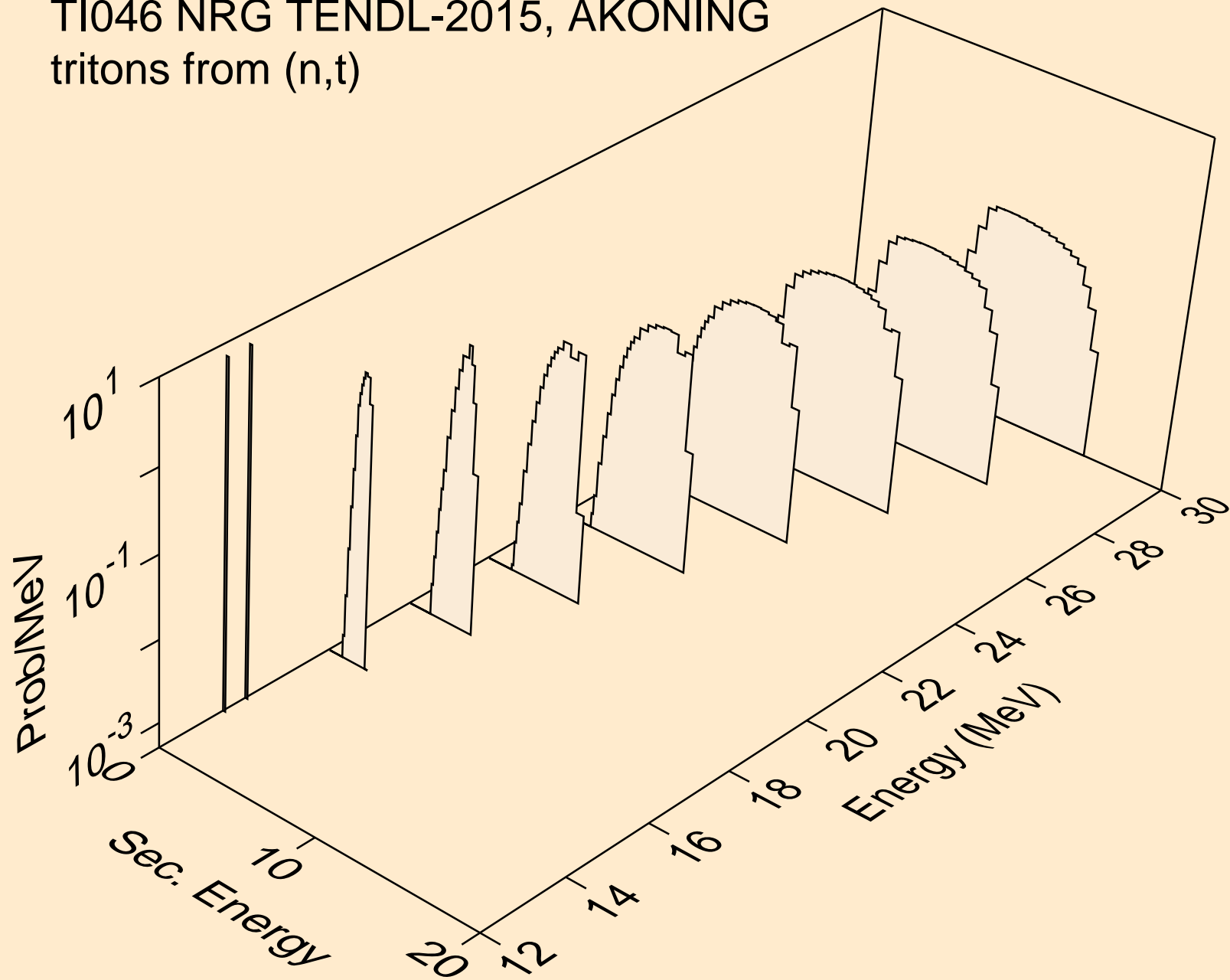
TI046 NRG TENDL-2015, AKONING  
tritons from (n,x)



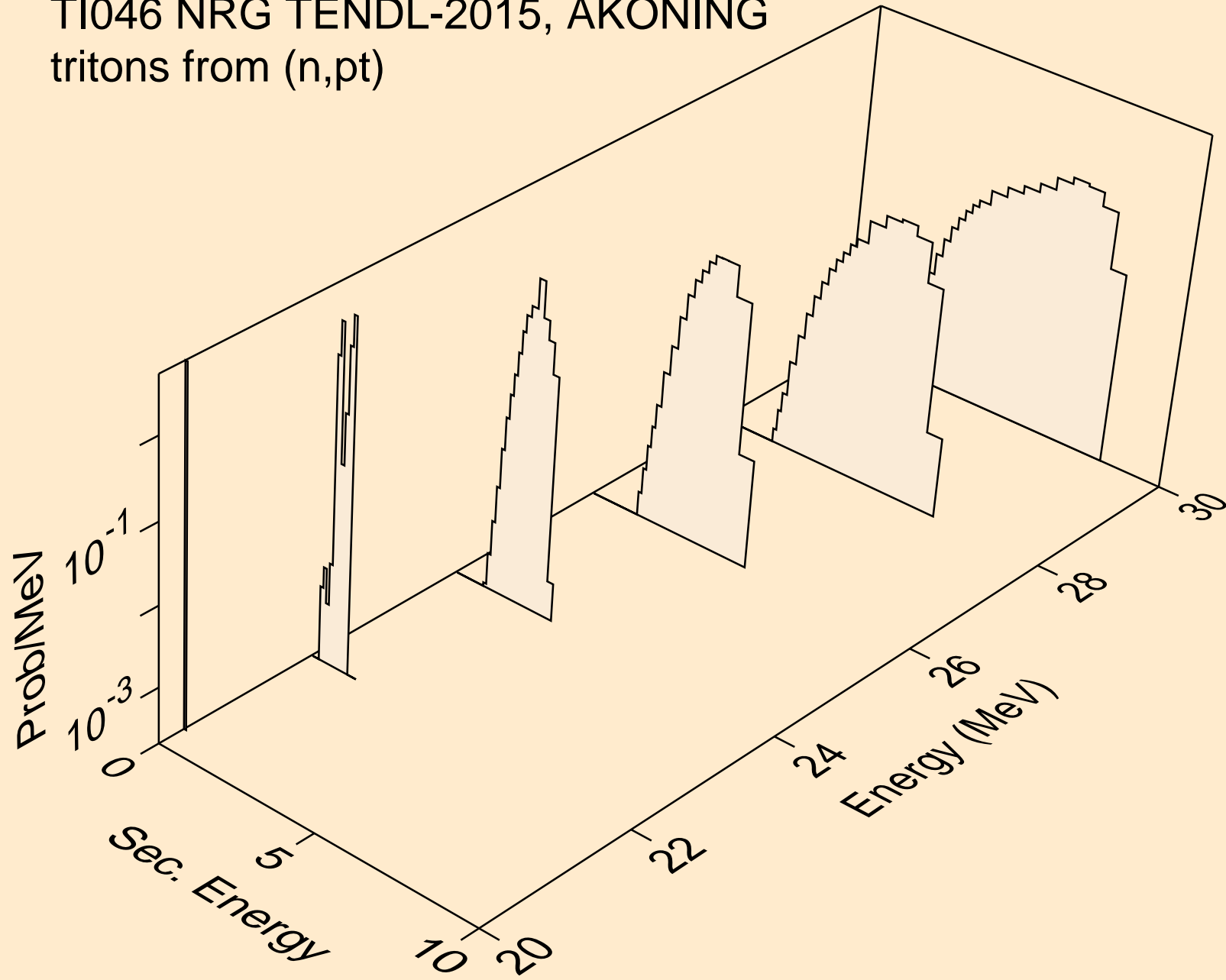
TI046 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



TI046 NRG TENDL-2015, AKONING  
tritons from (n,t)

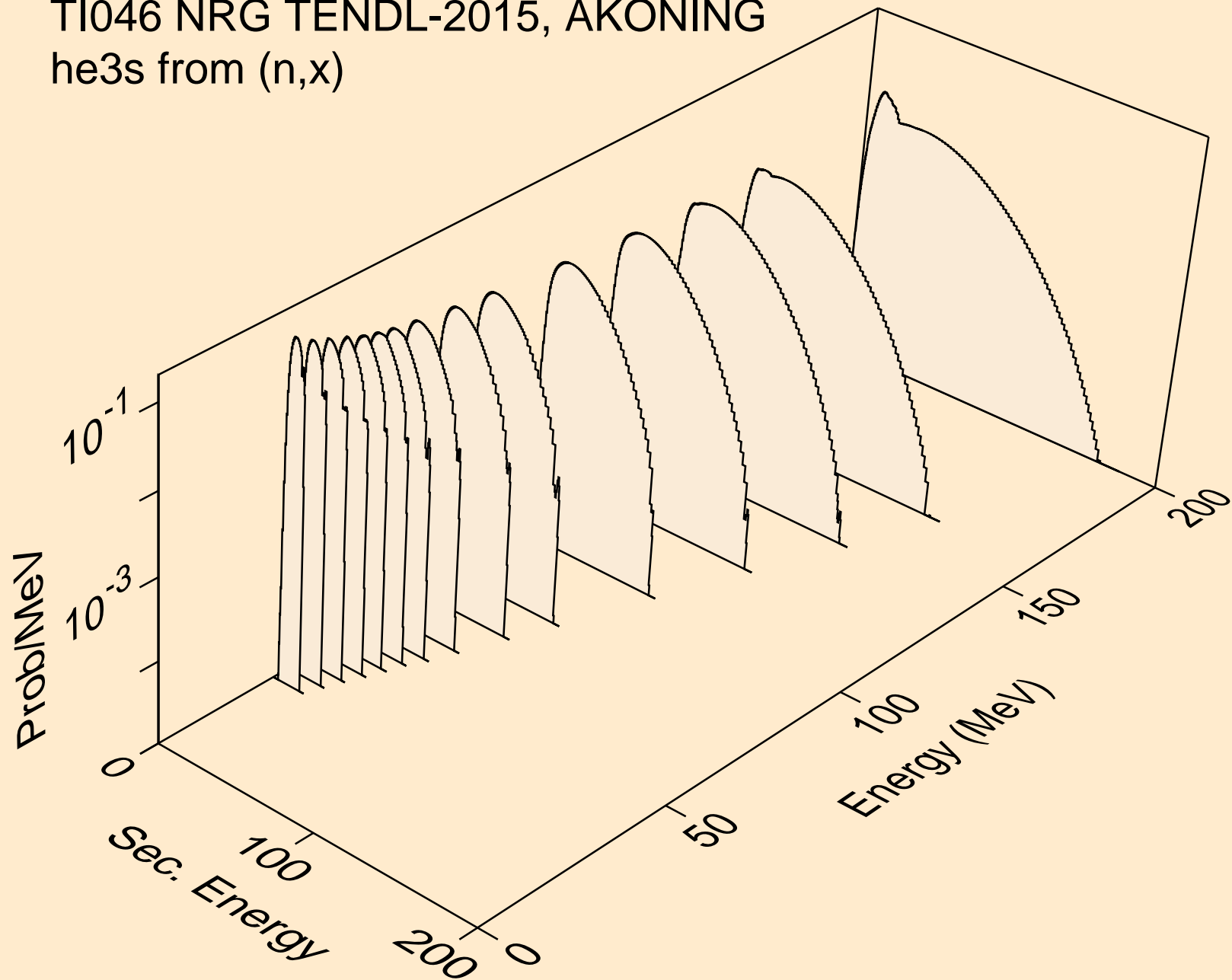


TI046 NRG TENDL-2015, AKONING  
tritons from (n,pt)

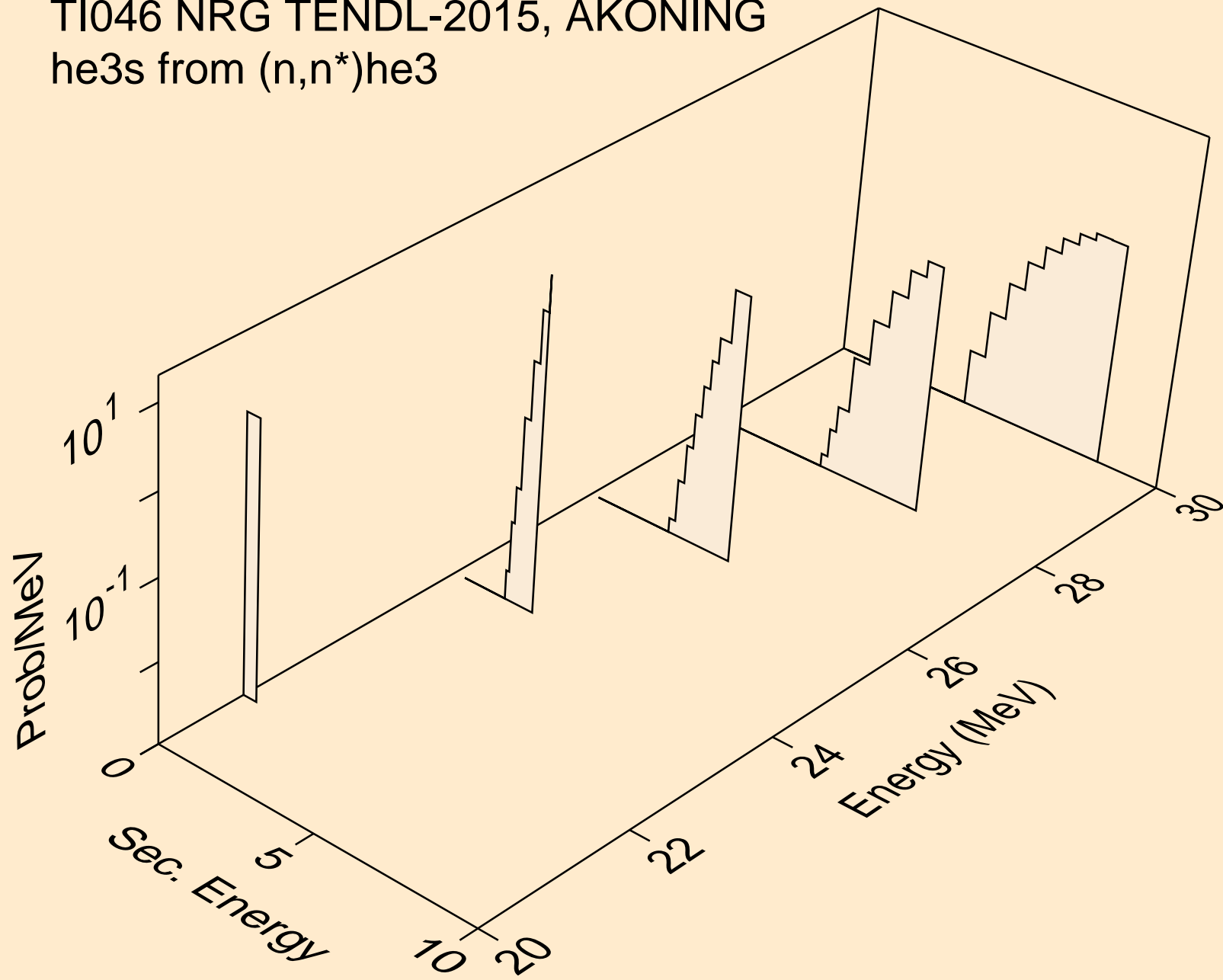




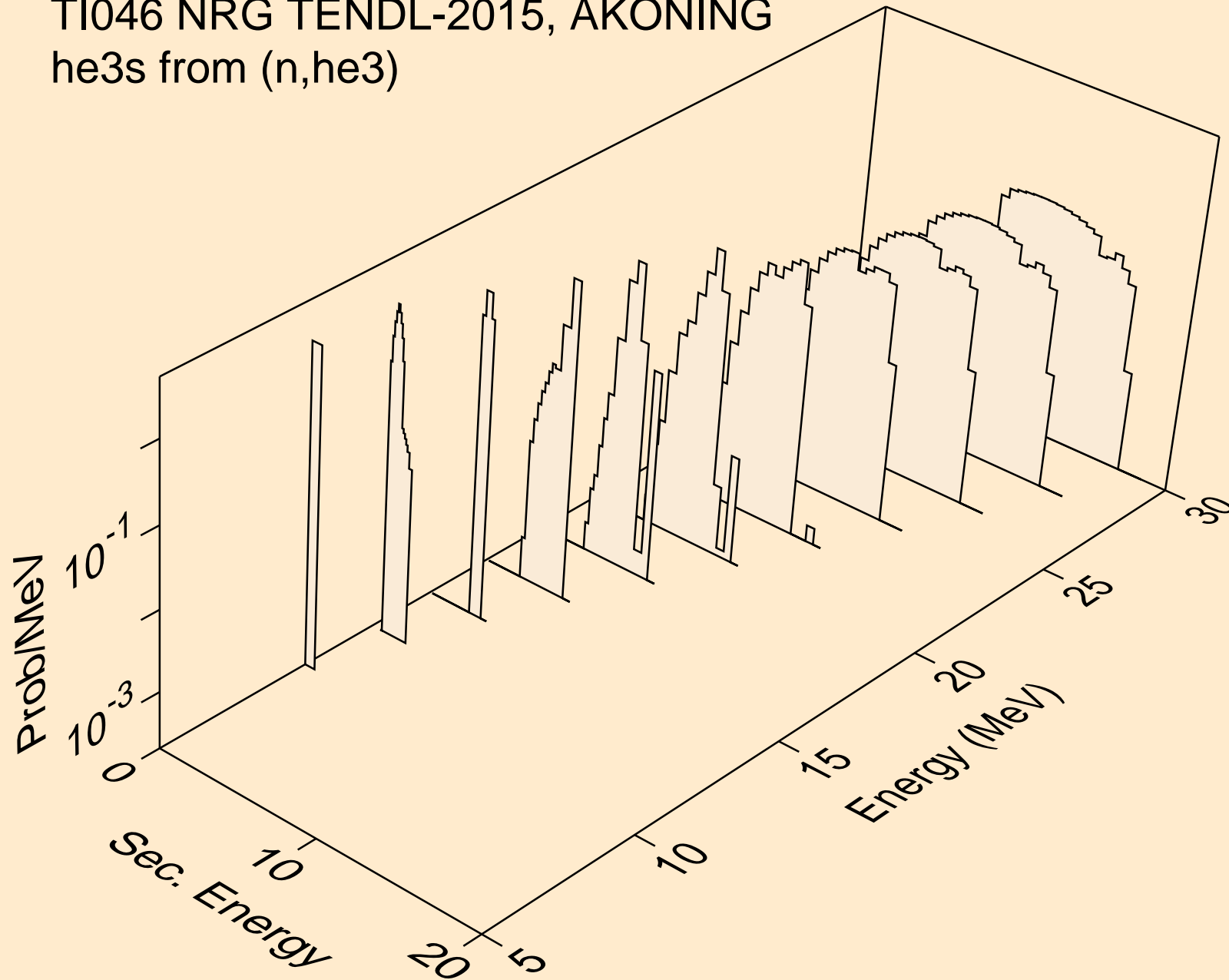
TI046 NRG TENDL-2015, AKONING  
he3s from (n,x)



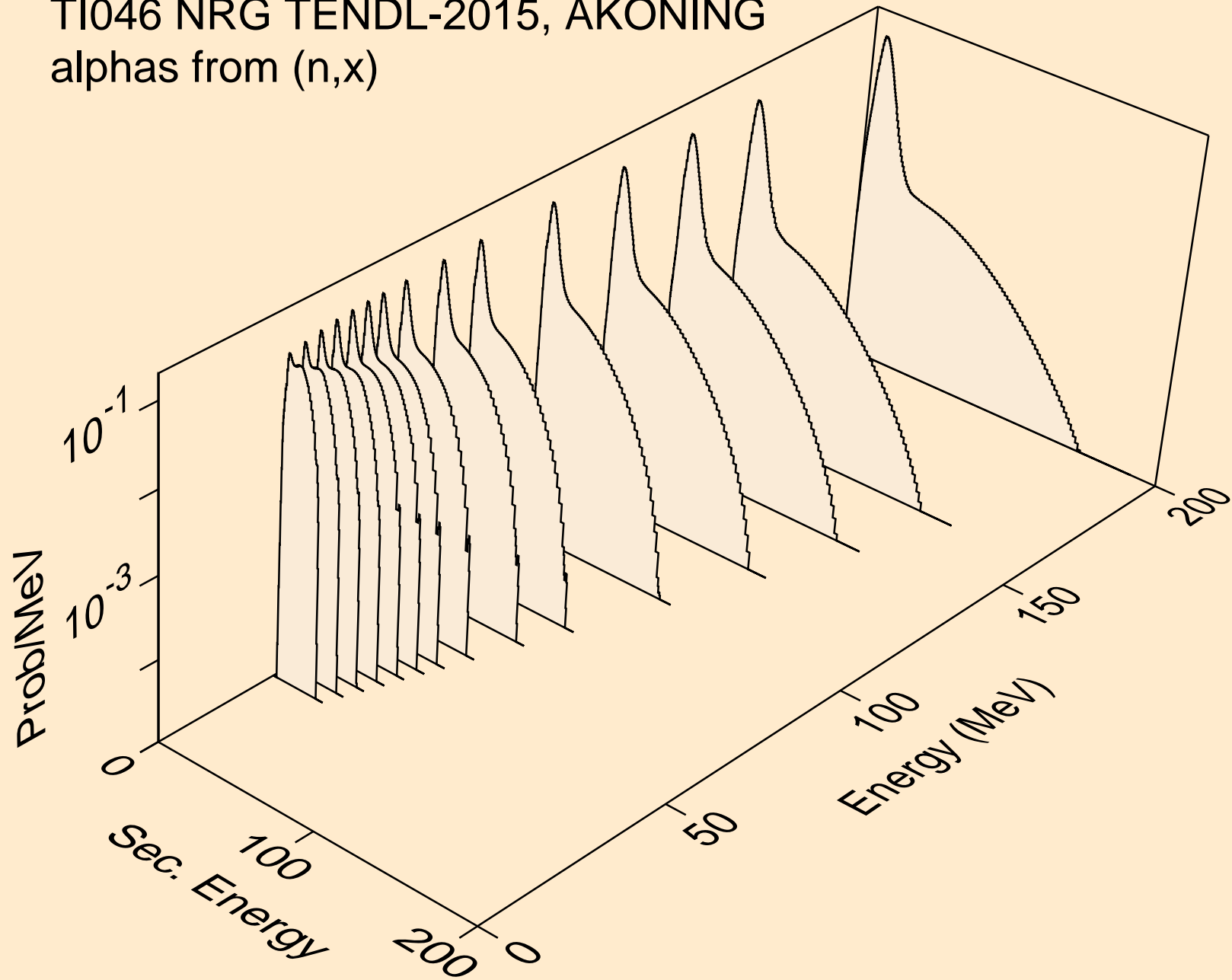
TI046 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



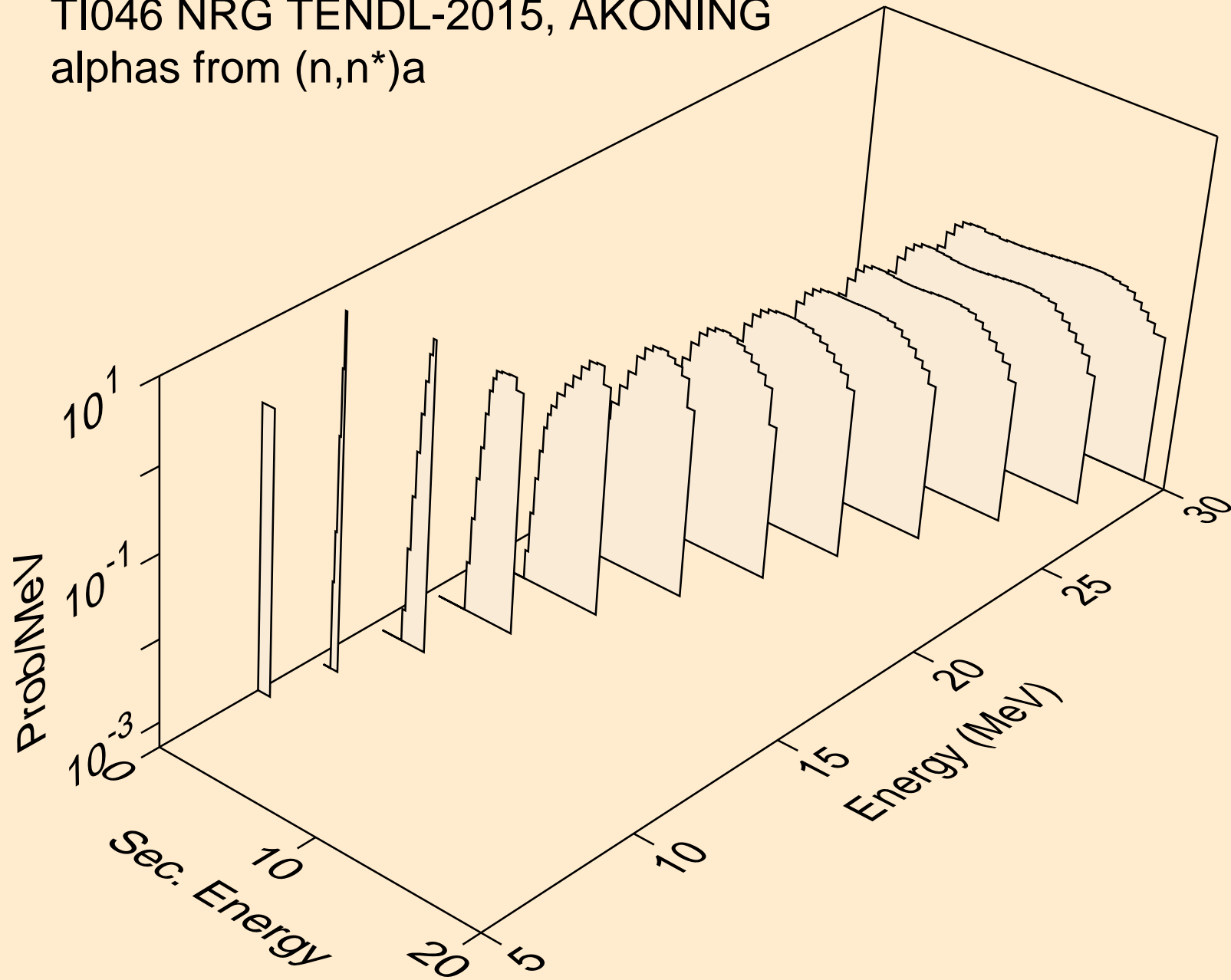
TI046 NRG TENDL-2015, AKONING  
he3s from (n,he3)



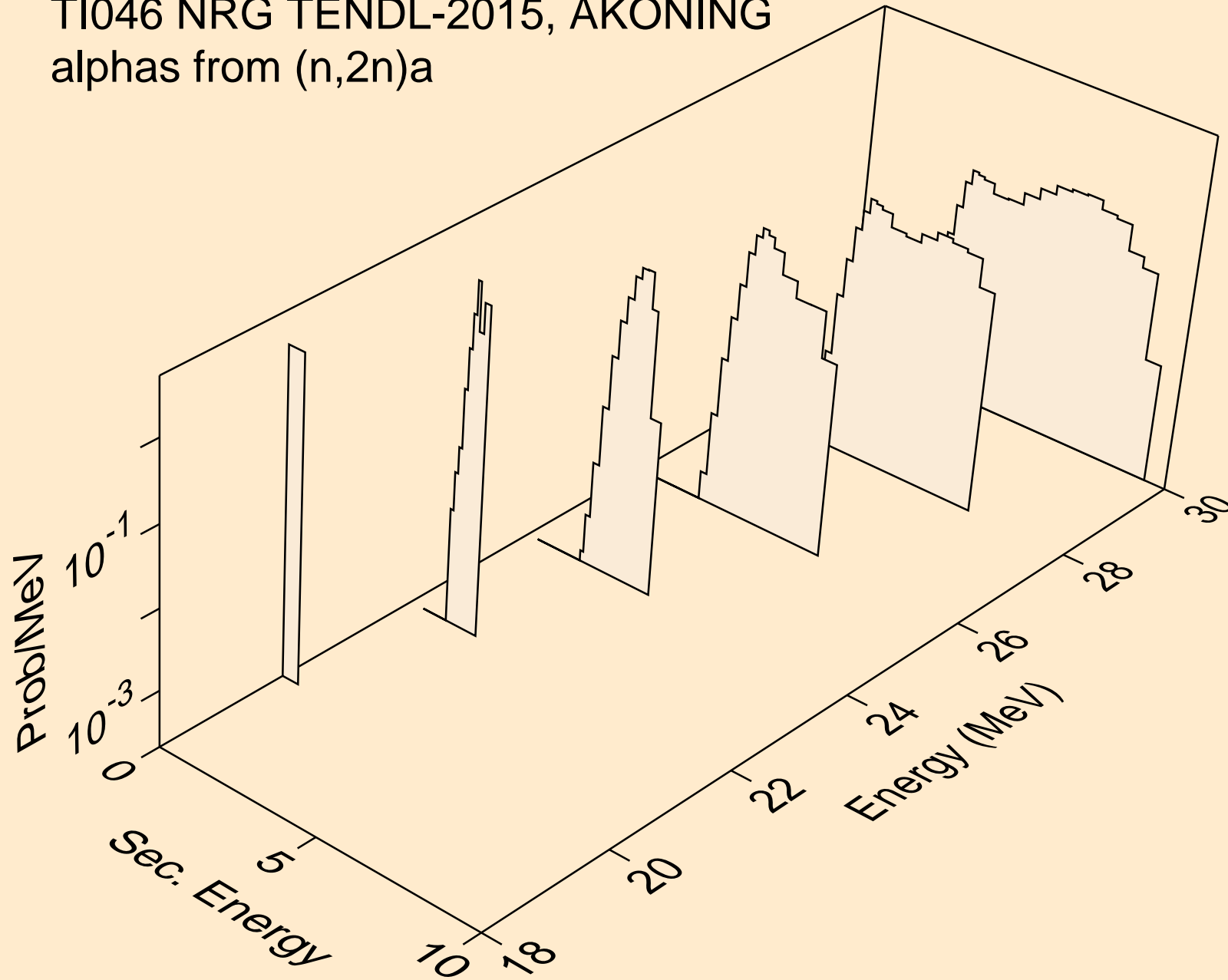
TI046 NRG TENDL-2015, AKONING  
alphas from (n,x)



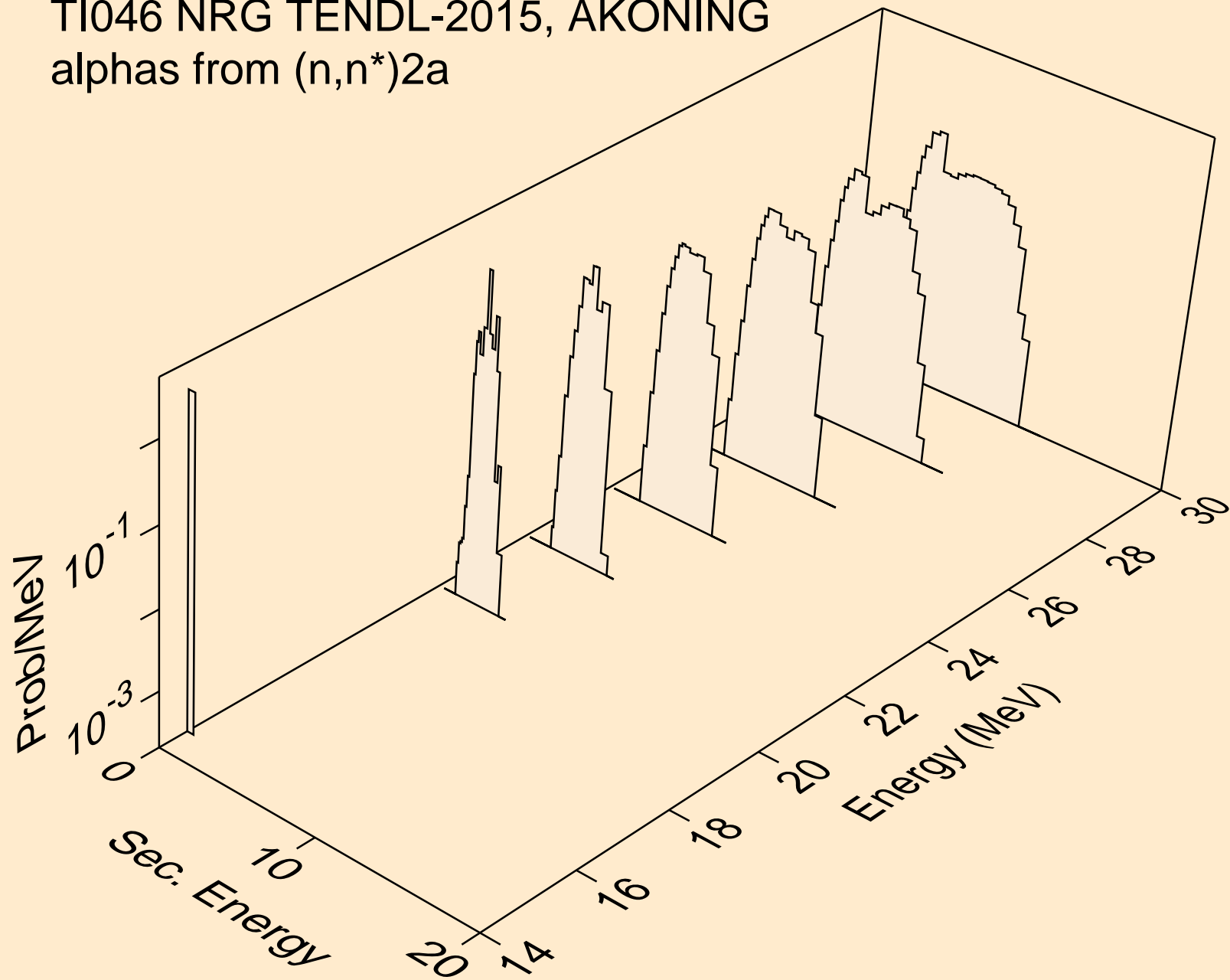
TI046 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



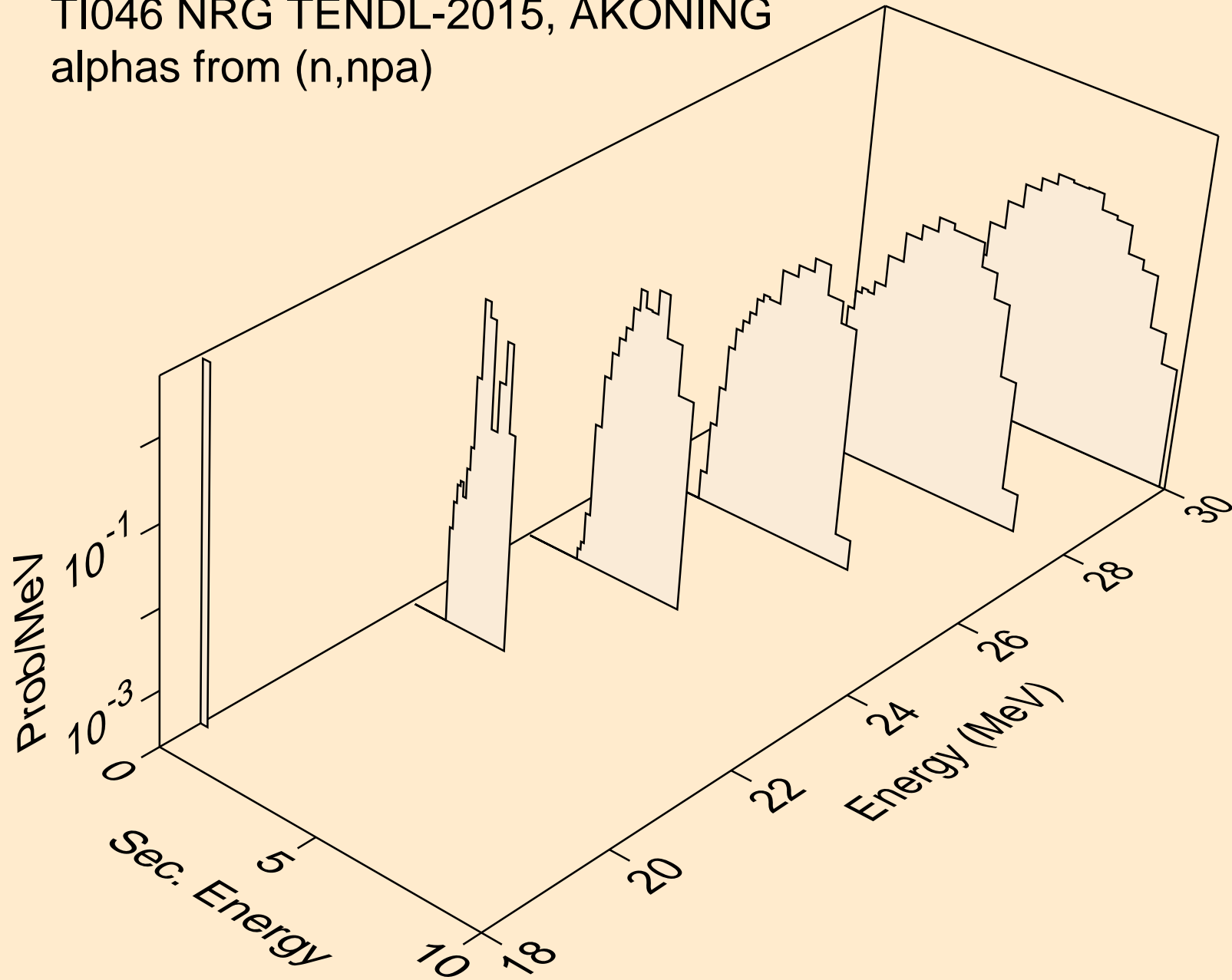
TI046 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



TI046 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

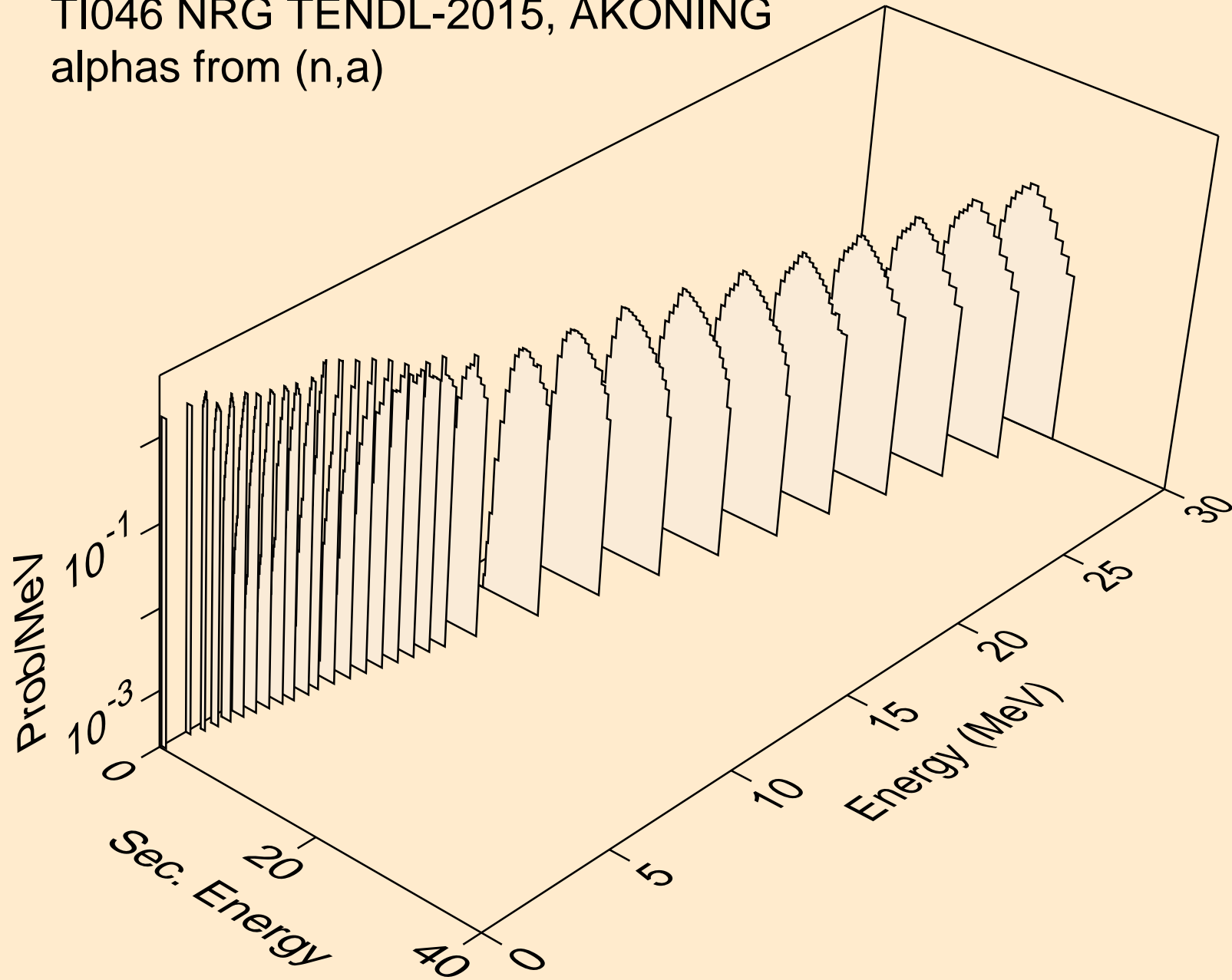


TI046 NRG TENDL-2015, AKONING  
alphas from (n,npa)

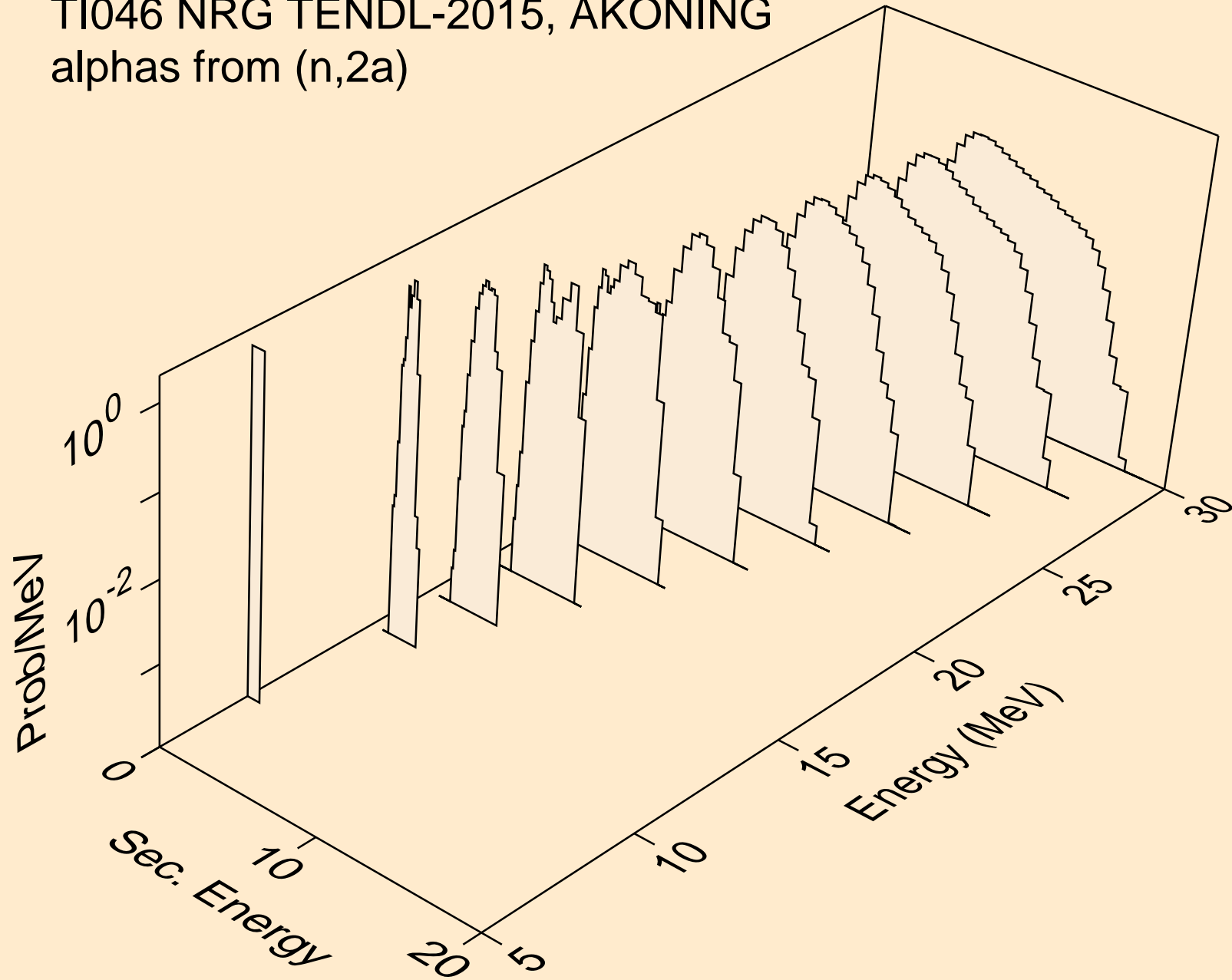




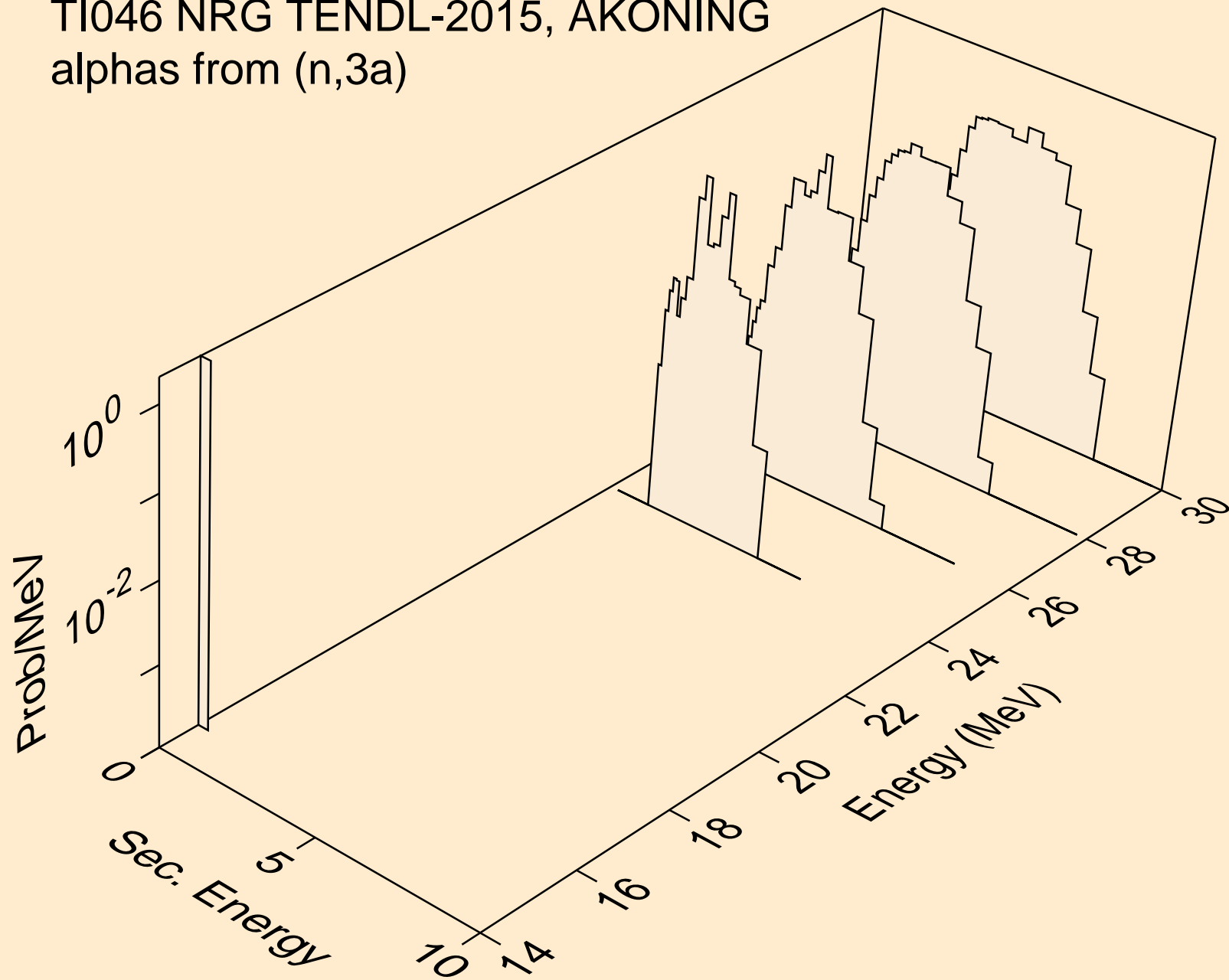
TI046 NRG TENDL-2015, AKONING  
alphas from (n,a)



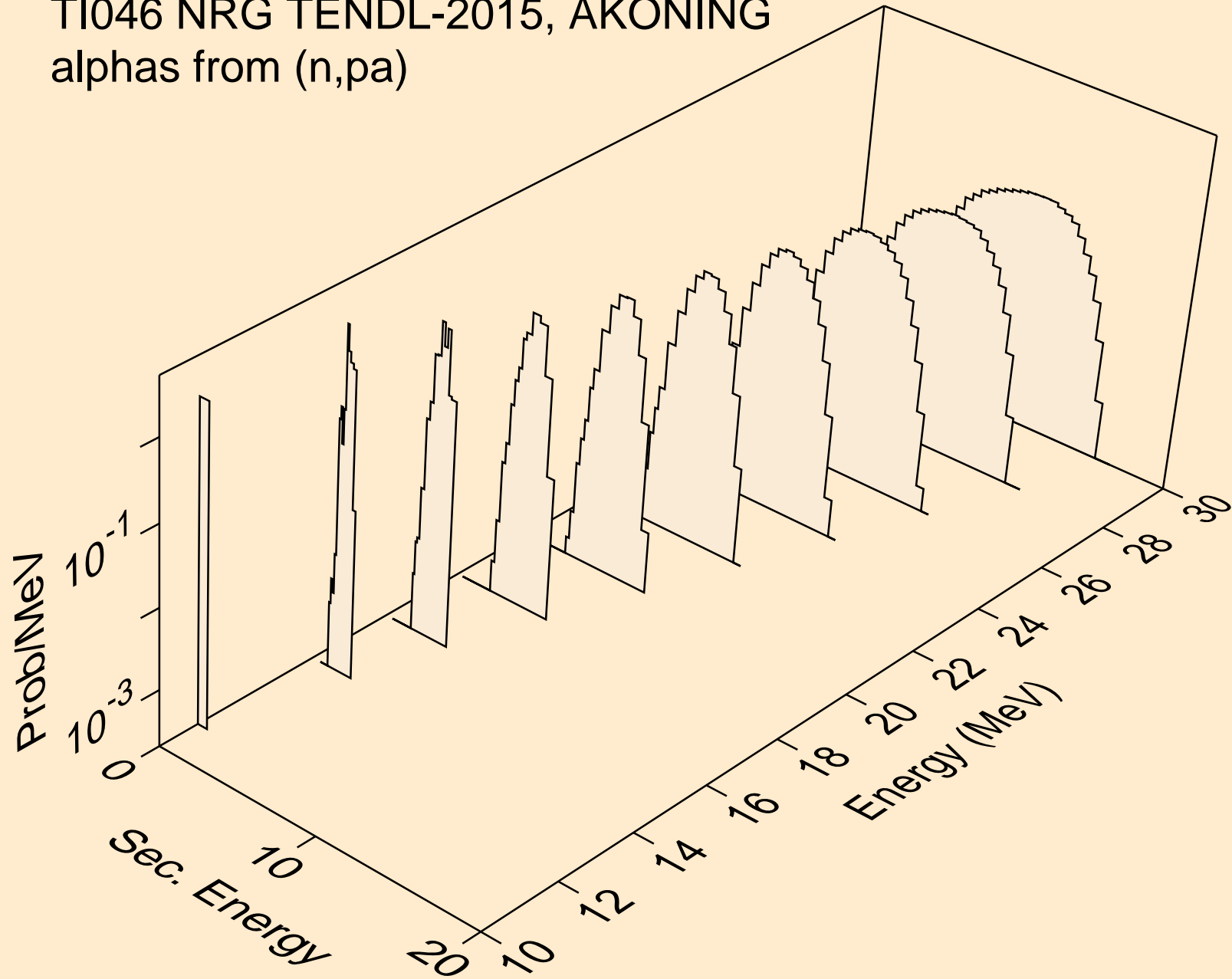
TI046 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TI046 NRG TENDL-2015, AKONING  
alphas from (n,3a)



TI046 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TI046 NRG TENDL-2015, AKONING  
alphas from (n,da)

