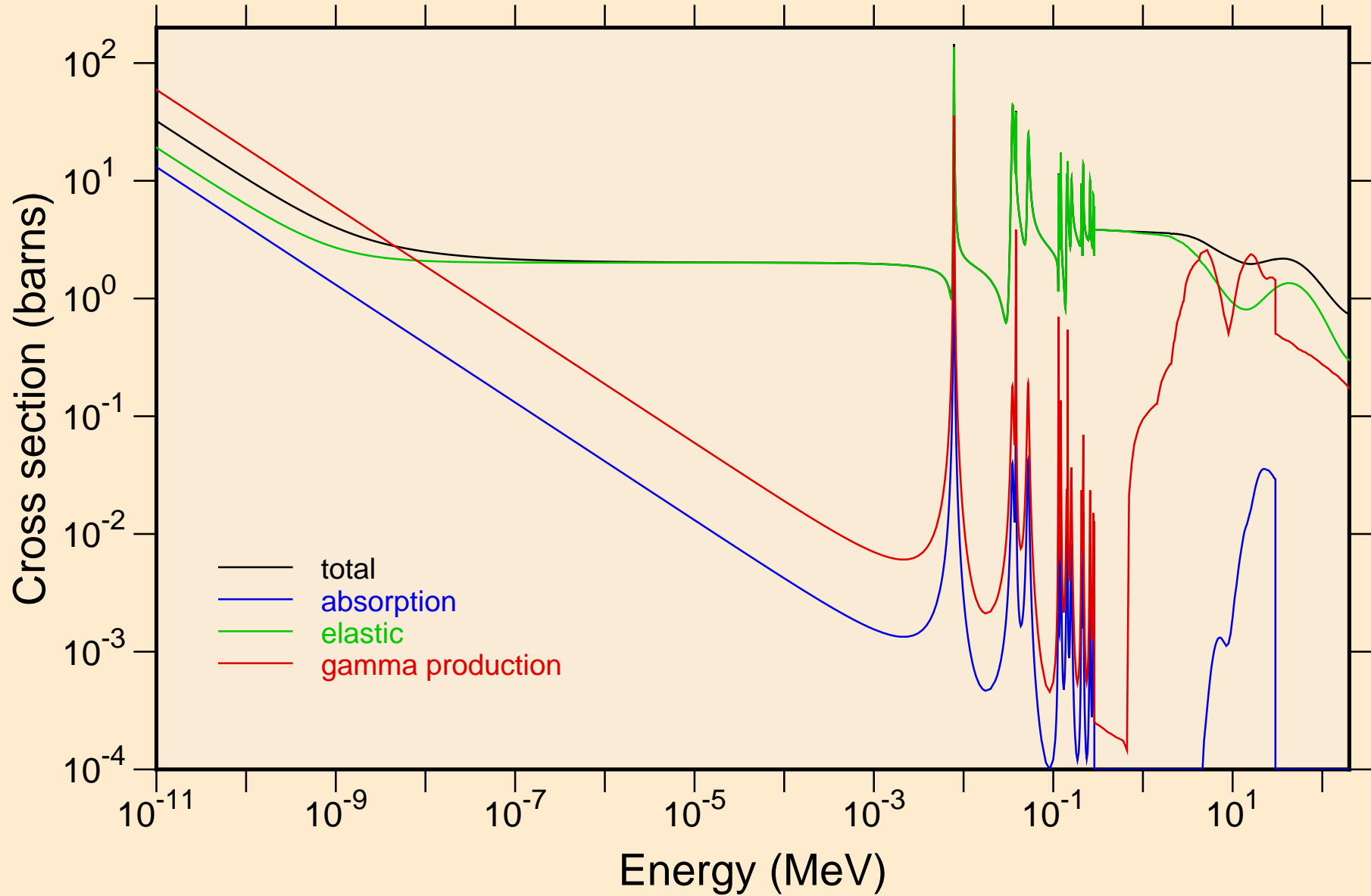
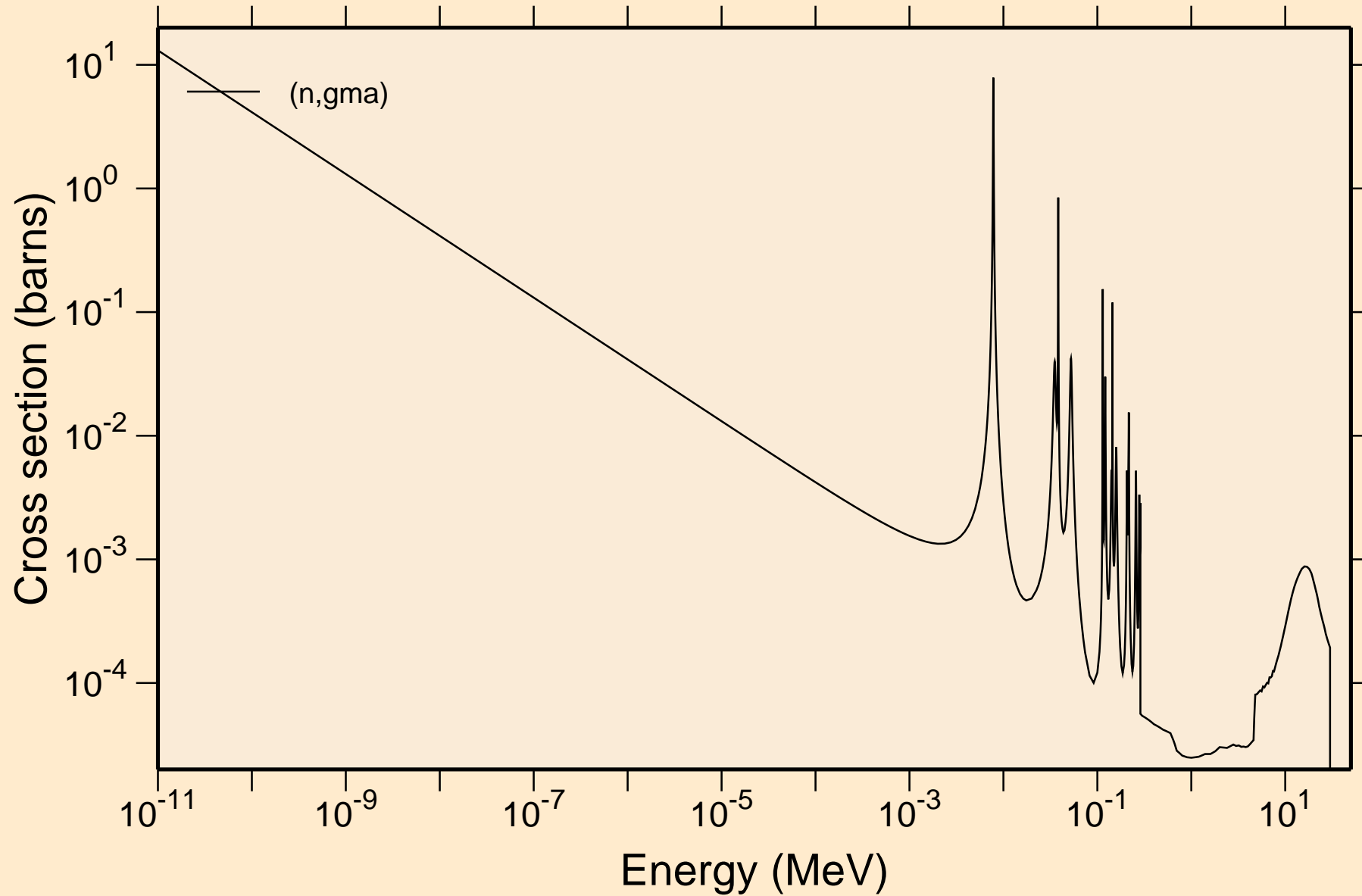


# S037 NRG TENDL-2015, AKONING

## Principal cross sections

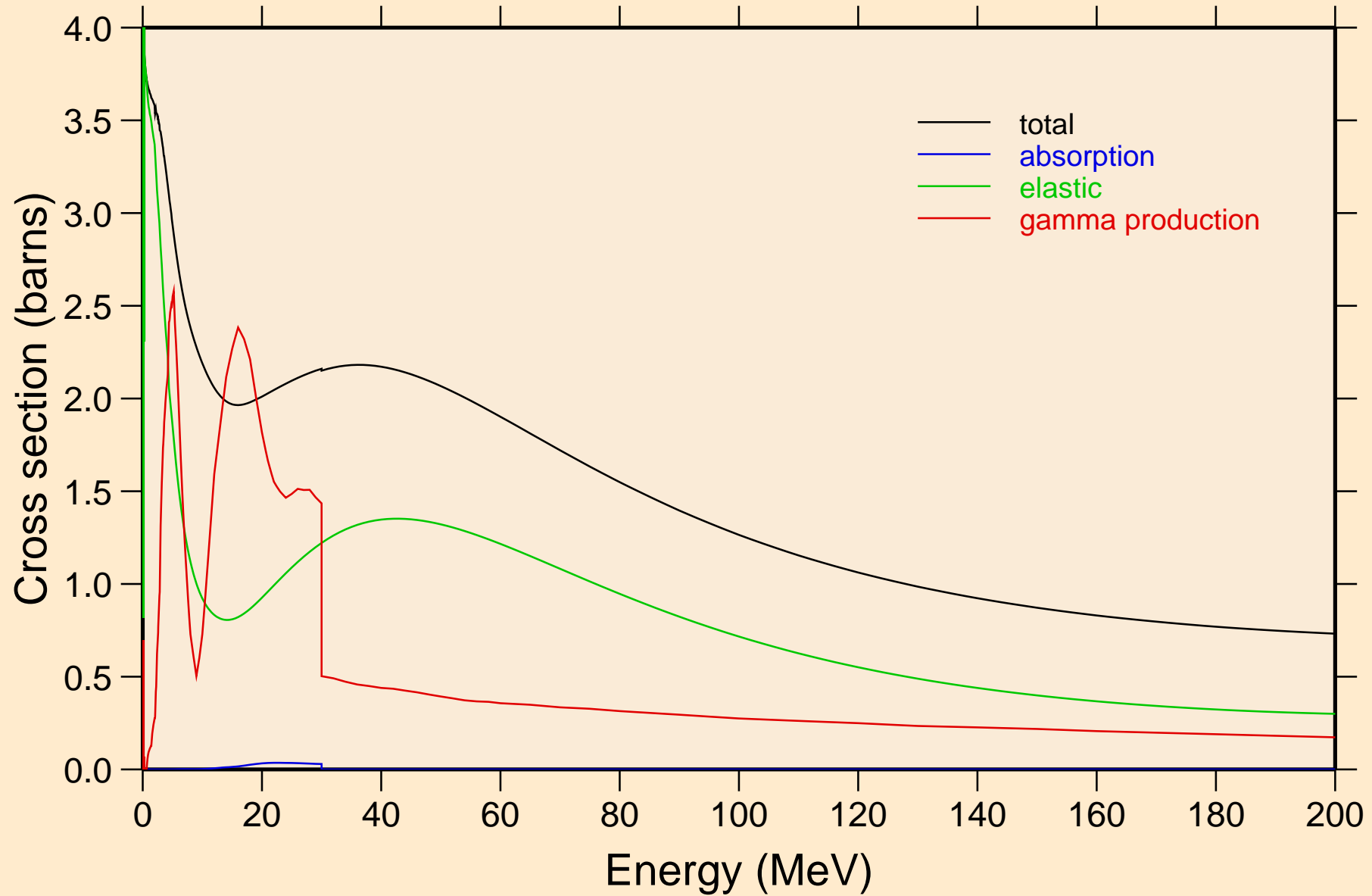


S037 NRG TENDL-2015, AKONING  
Non-threshold reactions



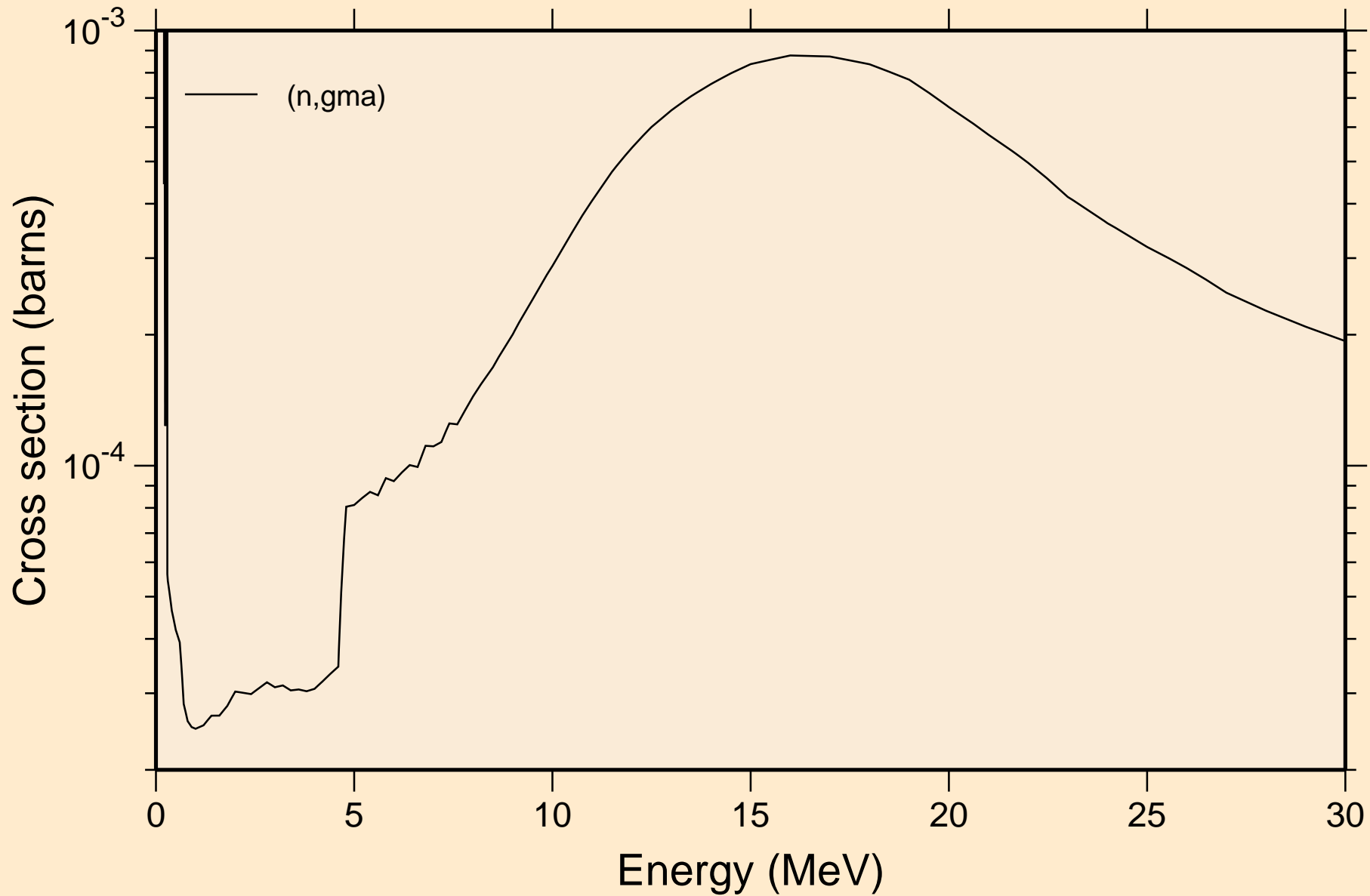
# S037 NRG TENDL-2015, AKONING

## Principal cross sections



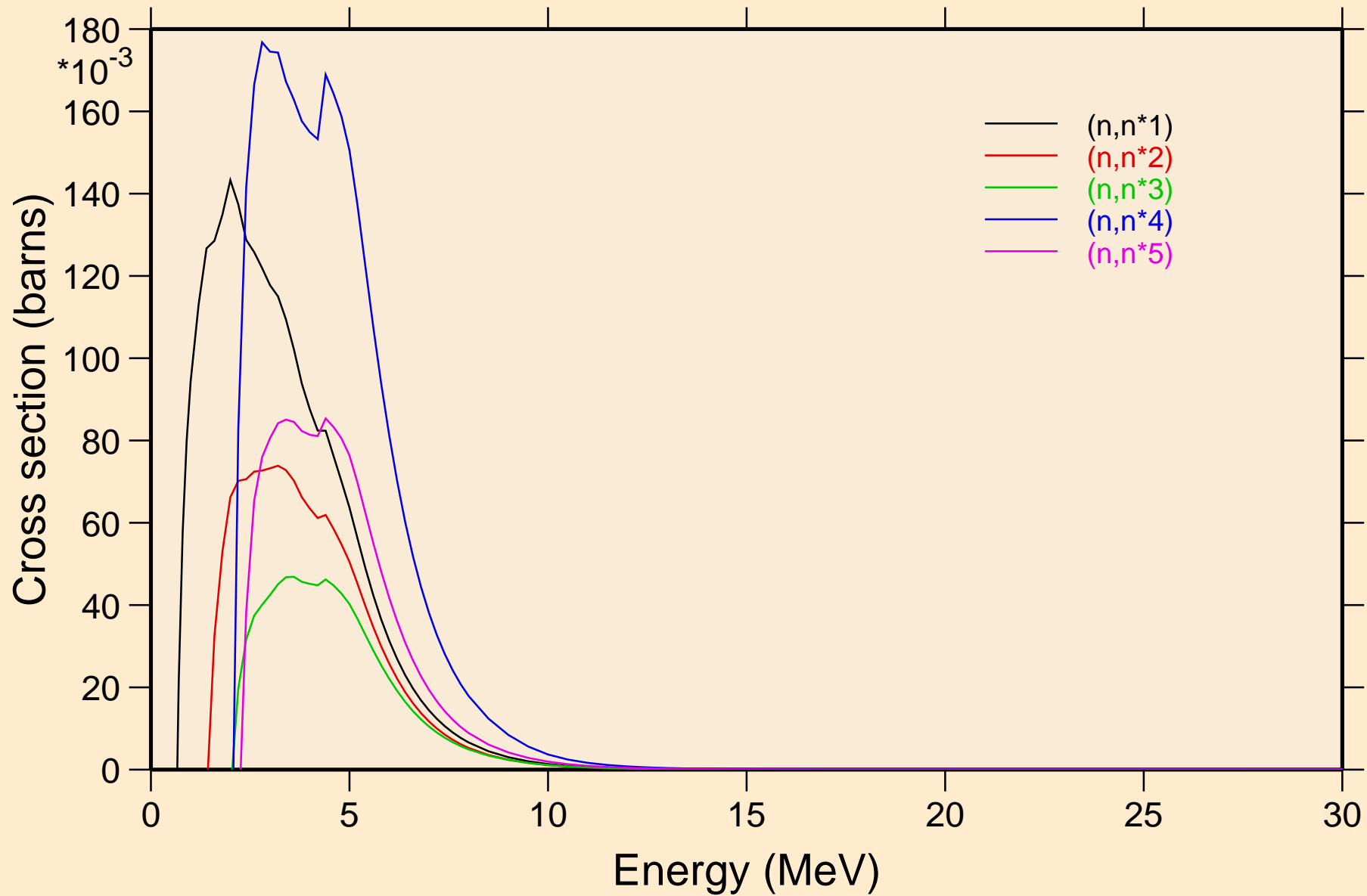
# S037 NRG TENDL-2015, AKONING

## Non-threshold reactions



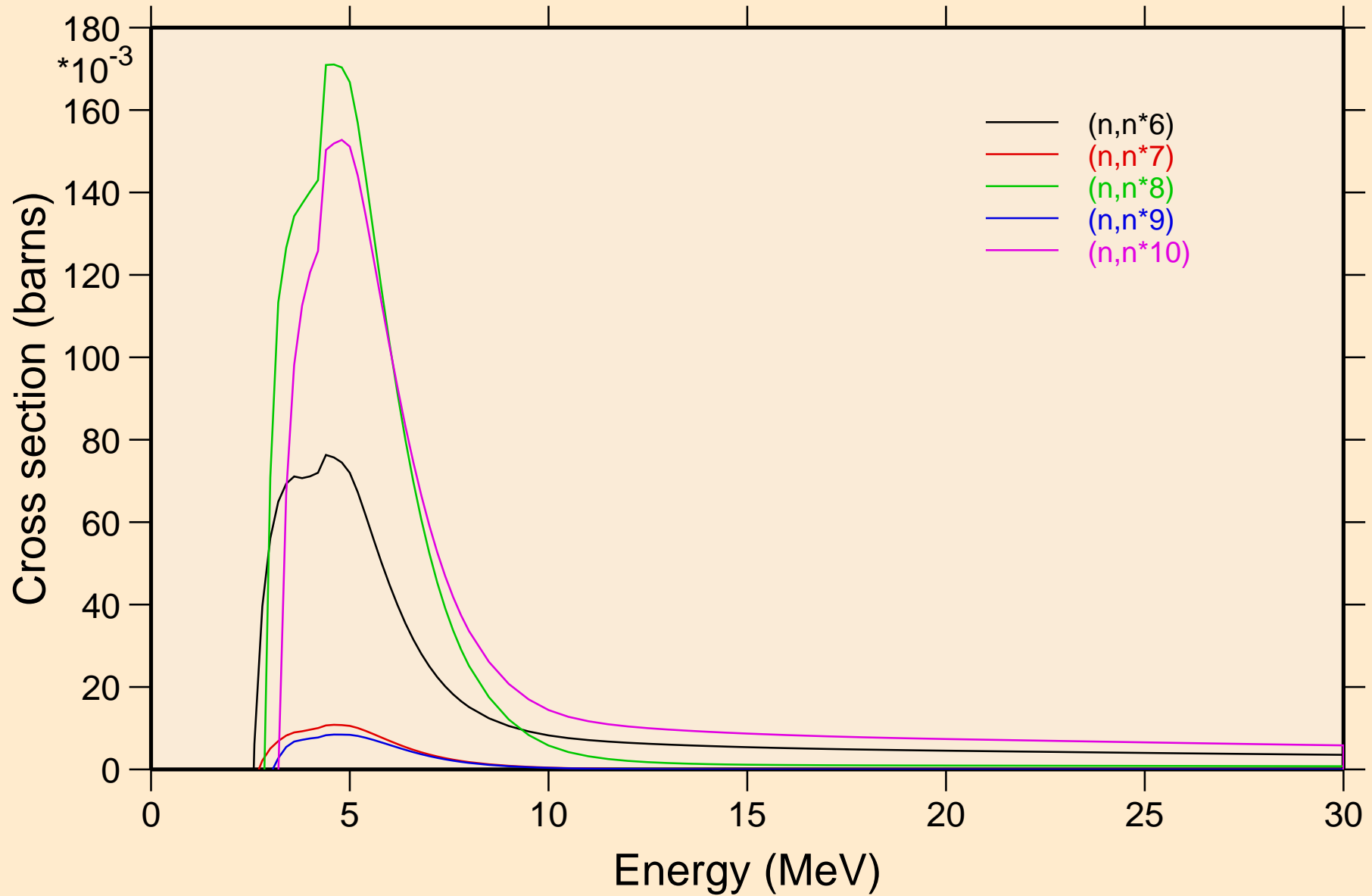
# S037 NRG TENDL-2015, AKONING

## Inelastic levels



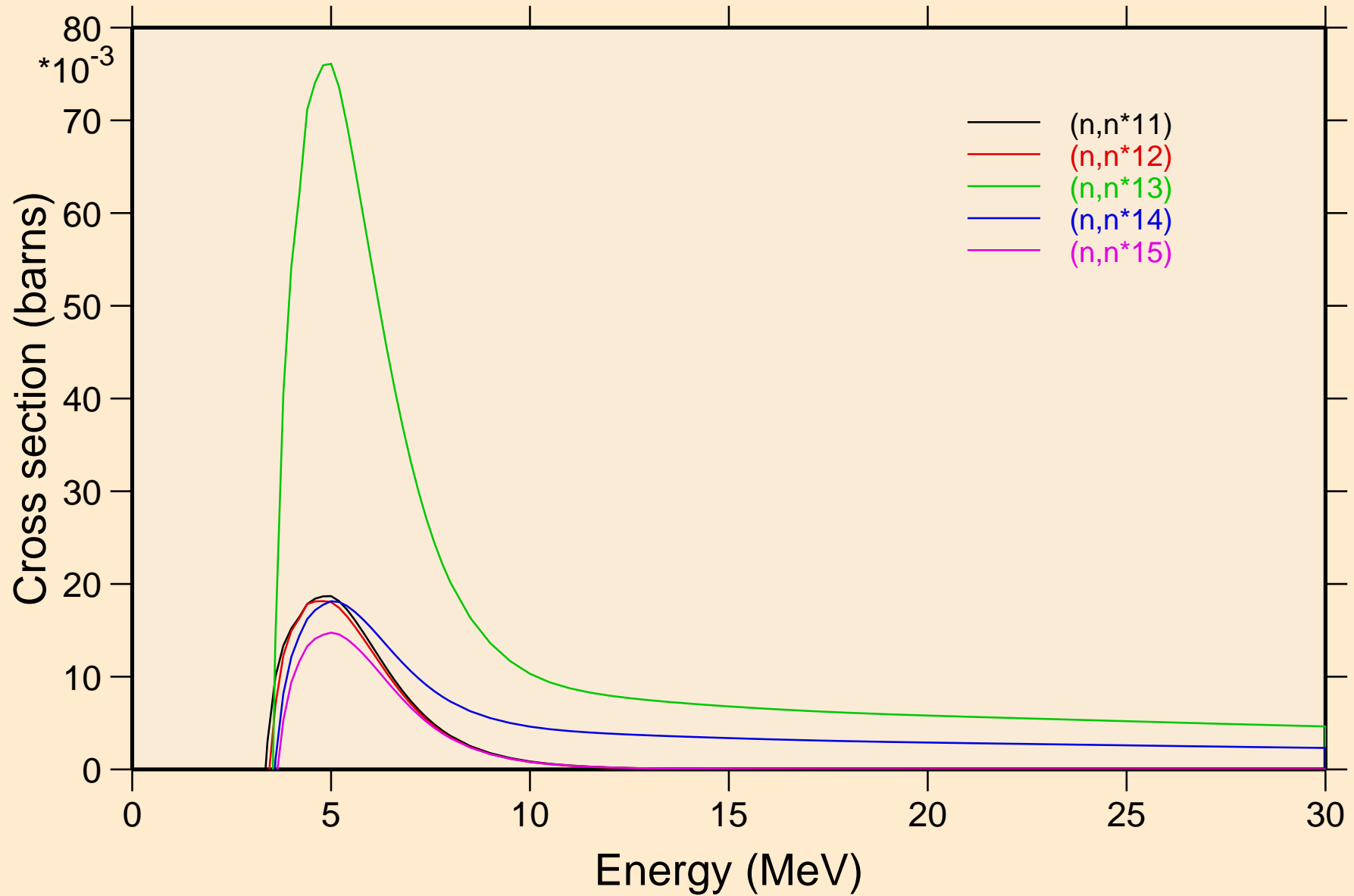
# S037 NRG TENDL-2015, AKONING

## Inelastic levels



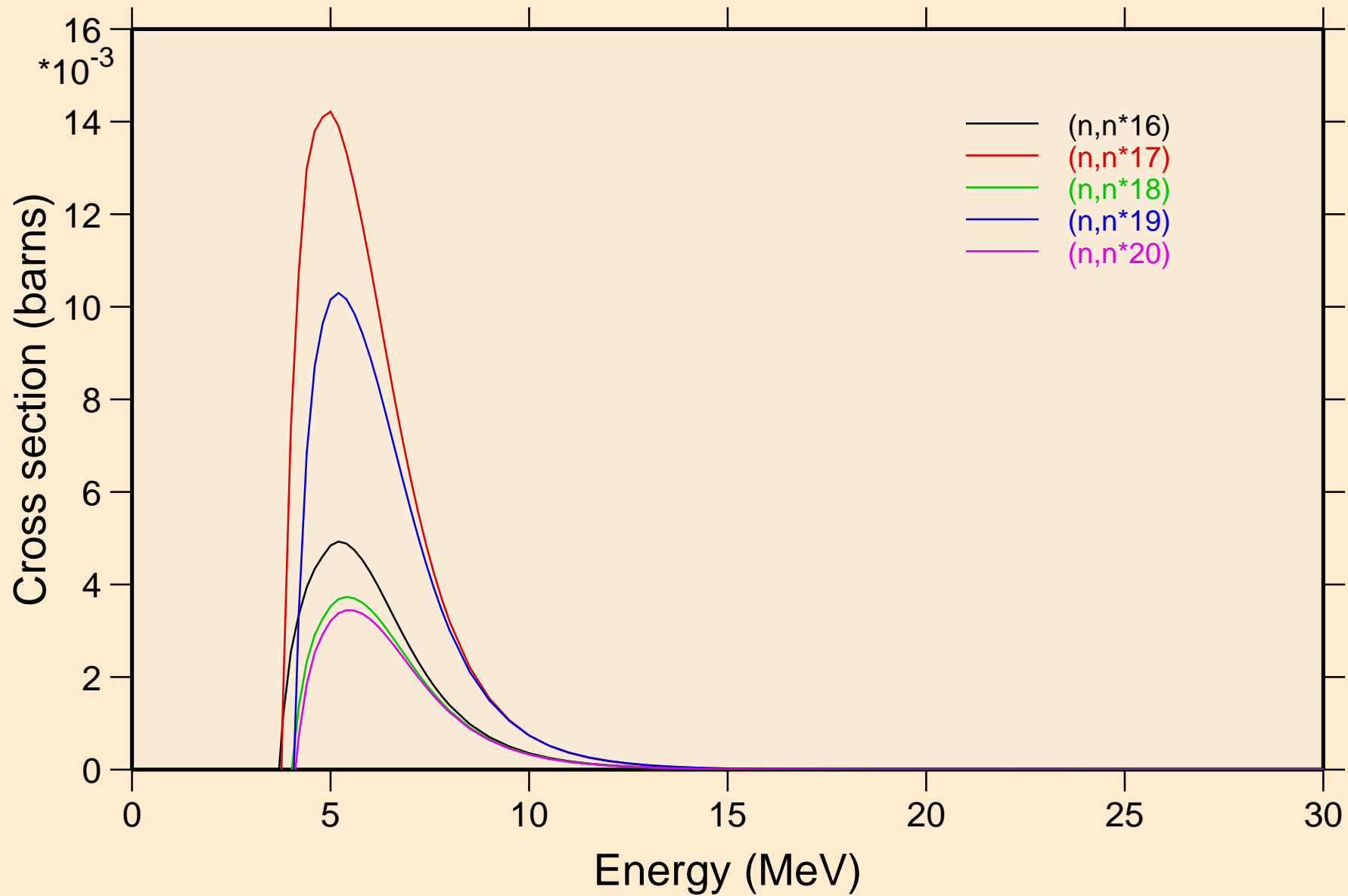
# S037 NRG TENDL-2015, AKONING

## Inelastic levels



# S037 NRG TENDL-2015, AKONING

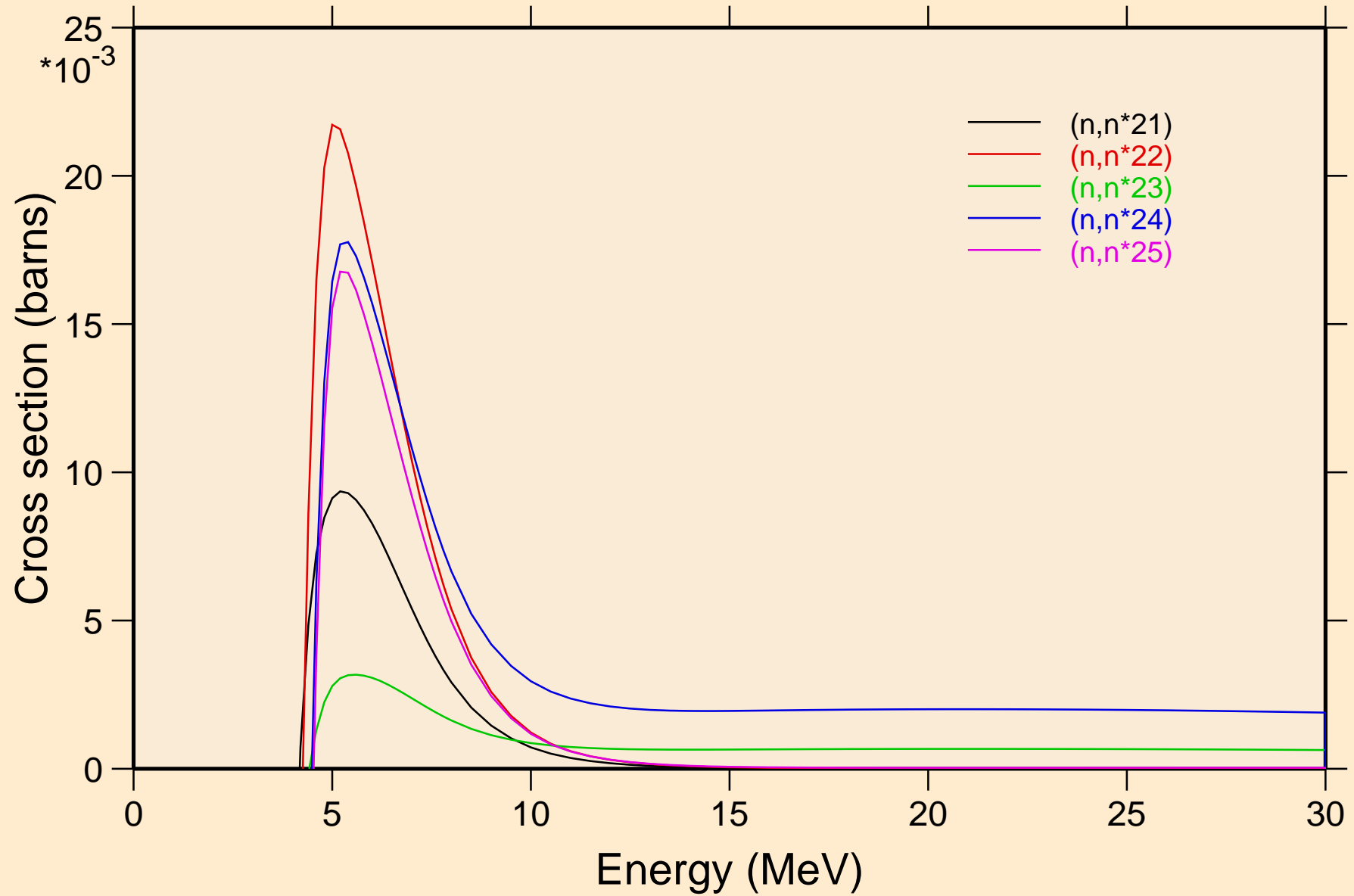
## Inelastic levels





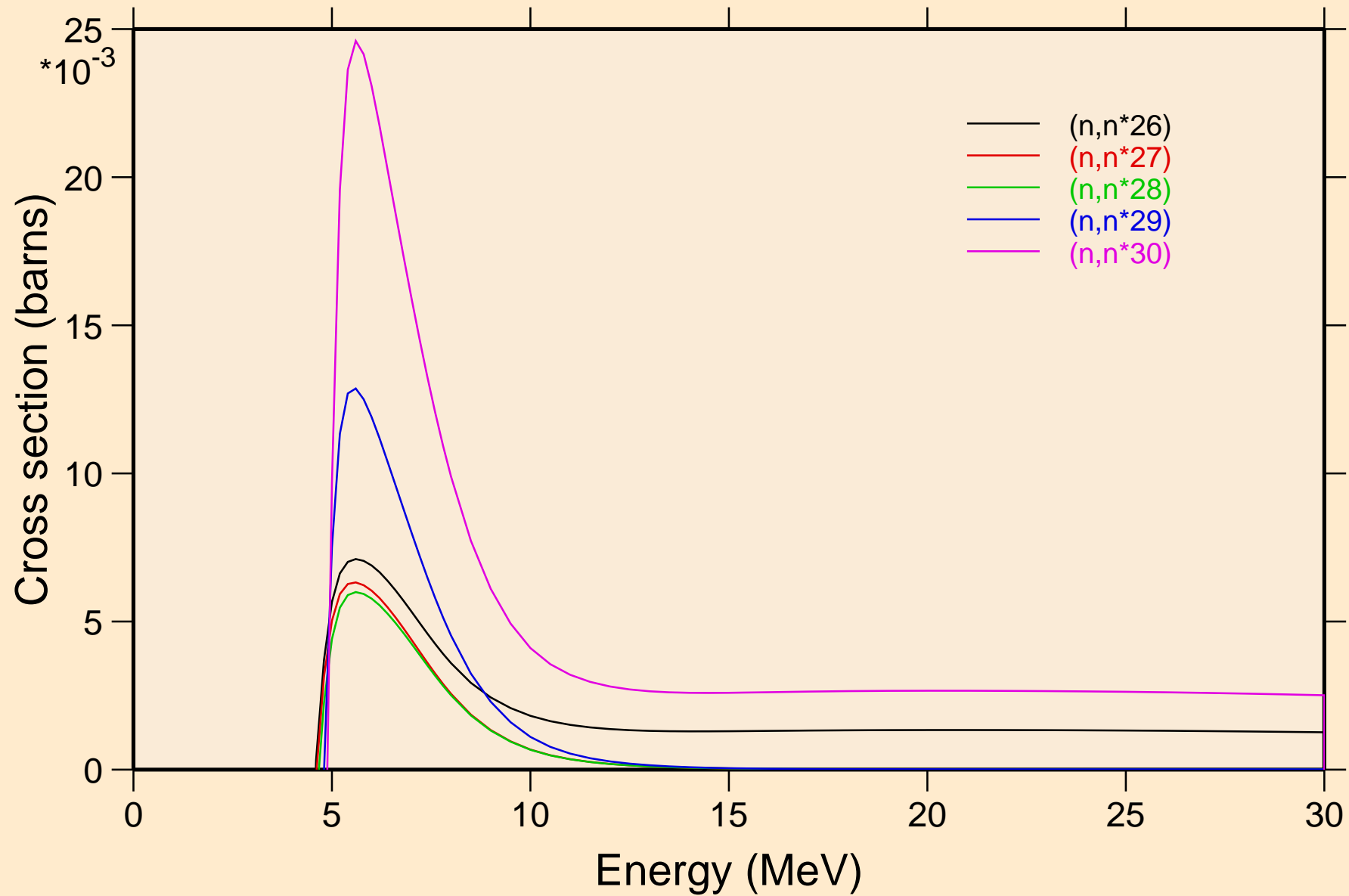
# S037 NRG TENDL-2015, AKONING

## Inelastic levels



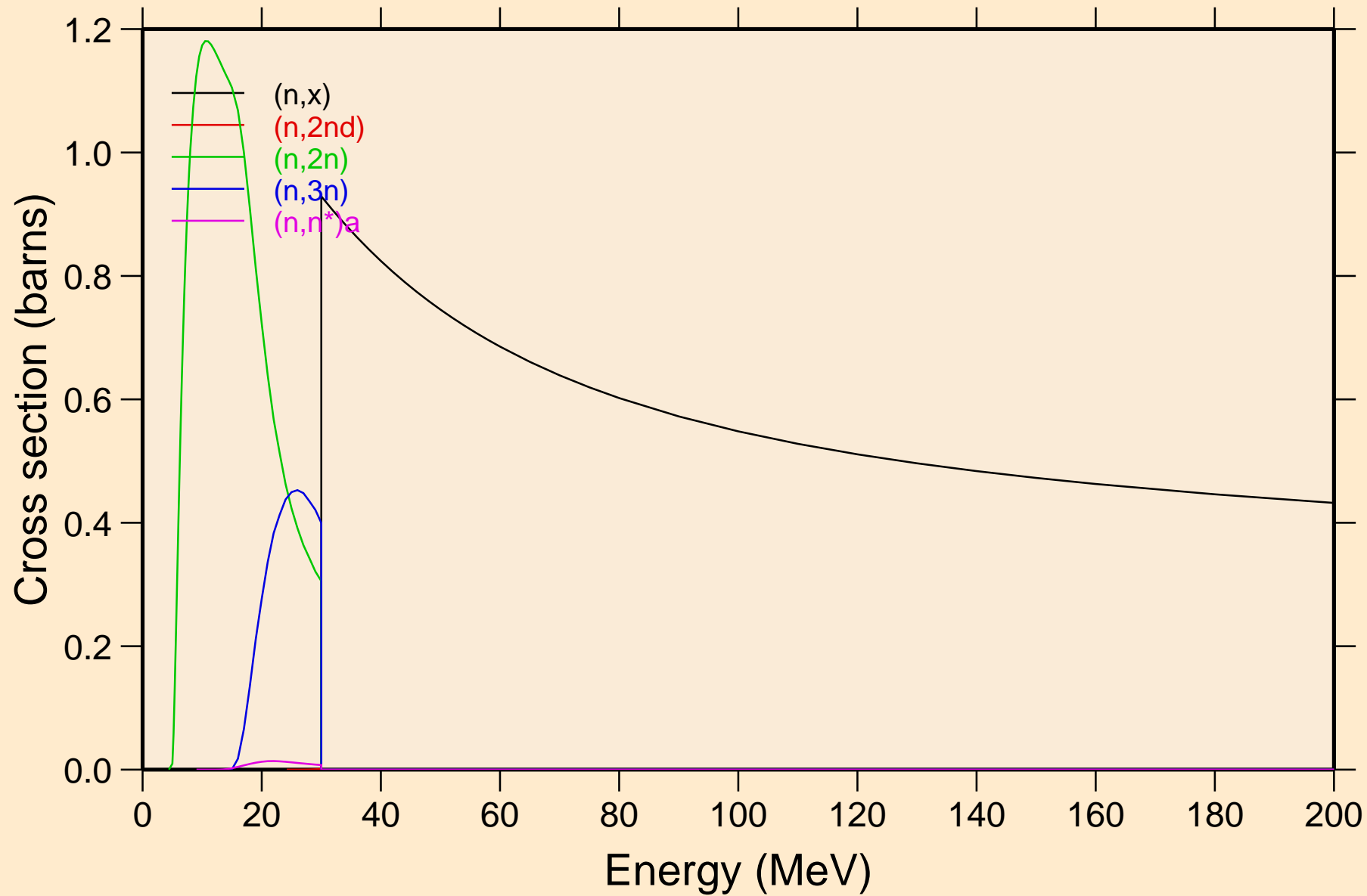
# S037 NRG TENDL-2015, AKONING

## Inelastic levels



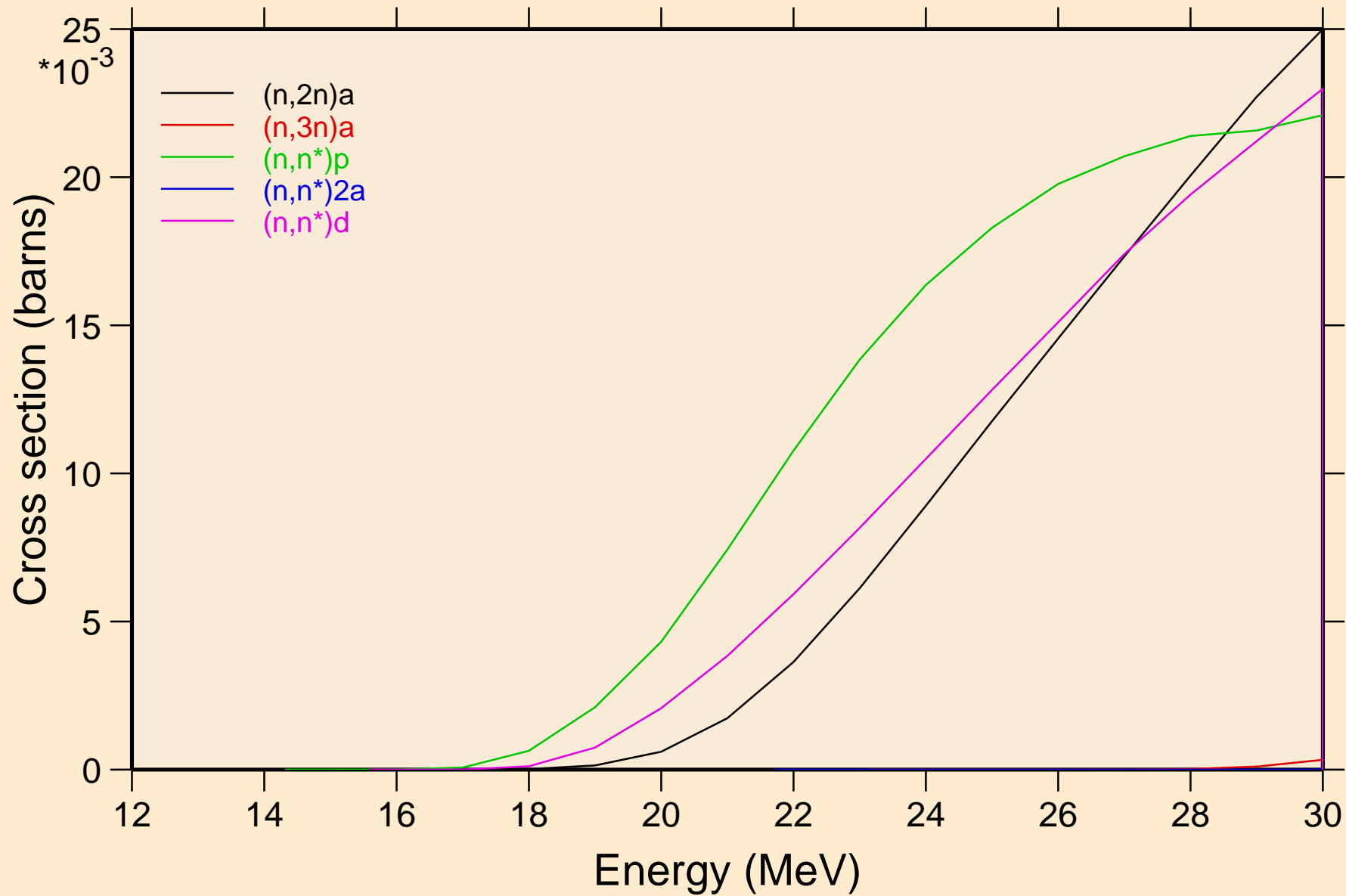
# S037 NRG TENDL-2015, AKONING

## Threshold reactions



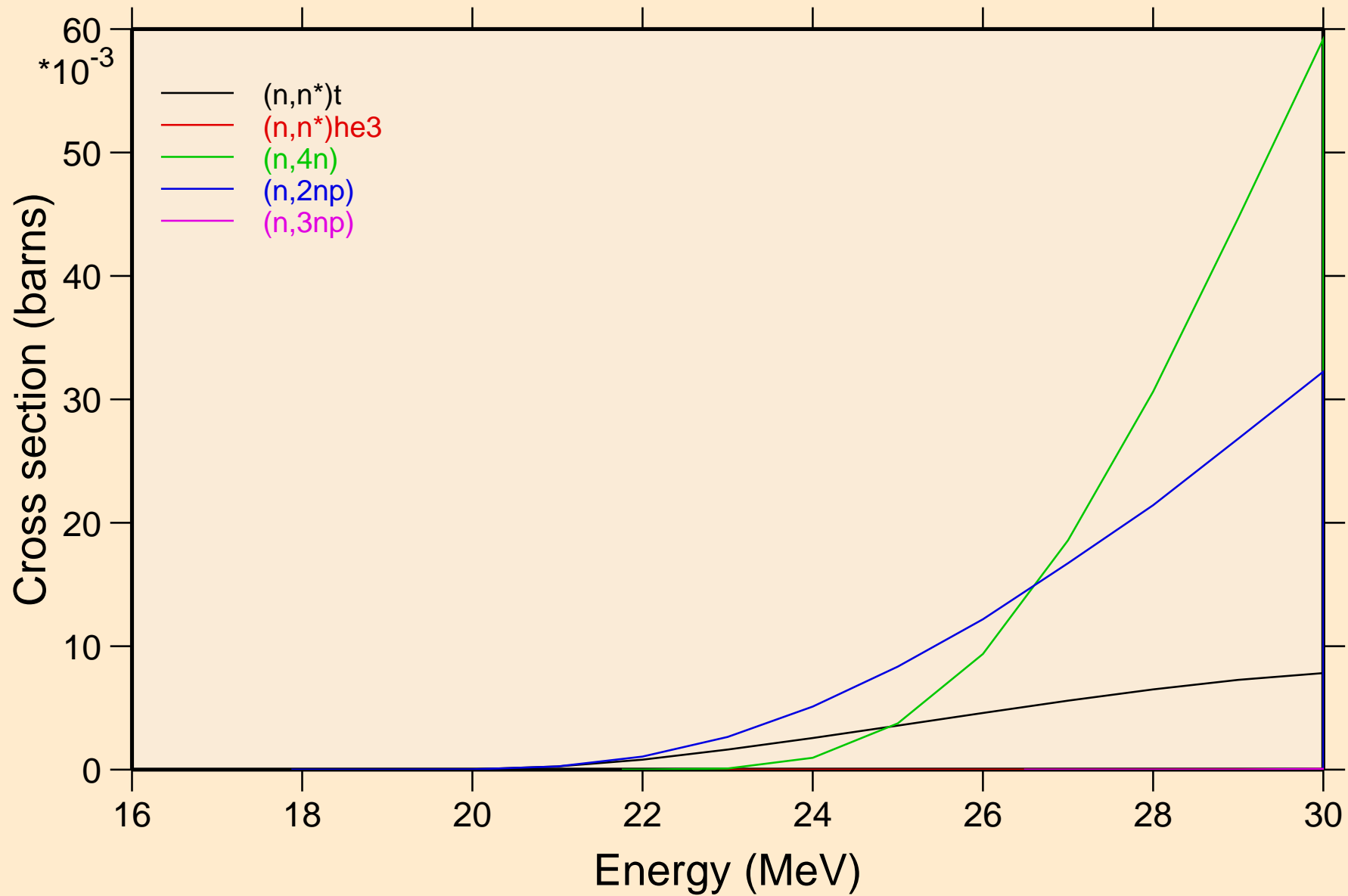
# S037 NRG TENDL-2015, AKONING

## Threshold reactions



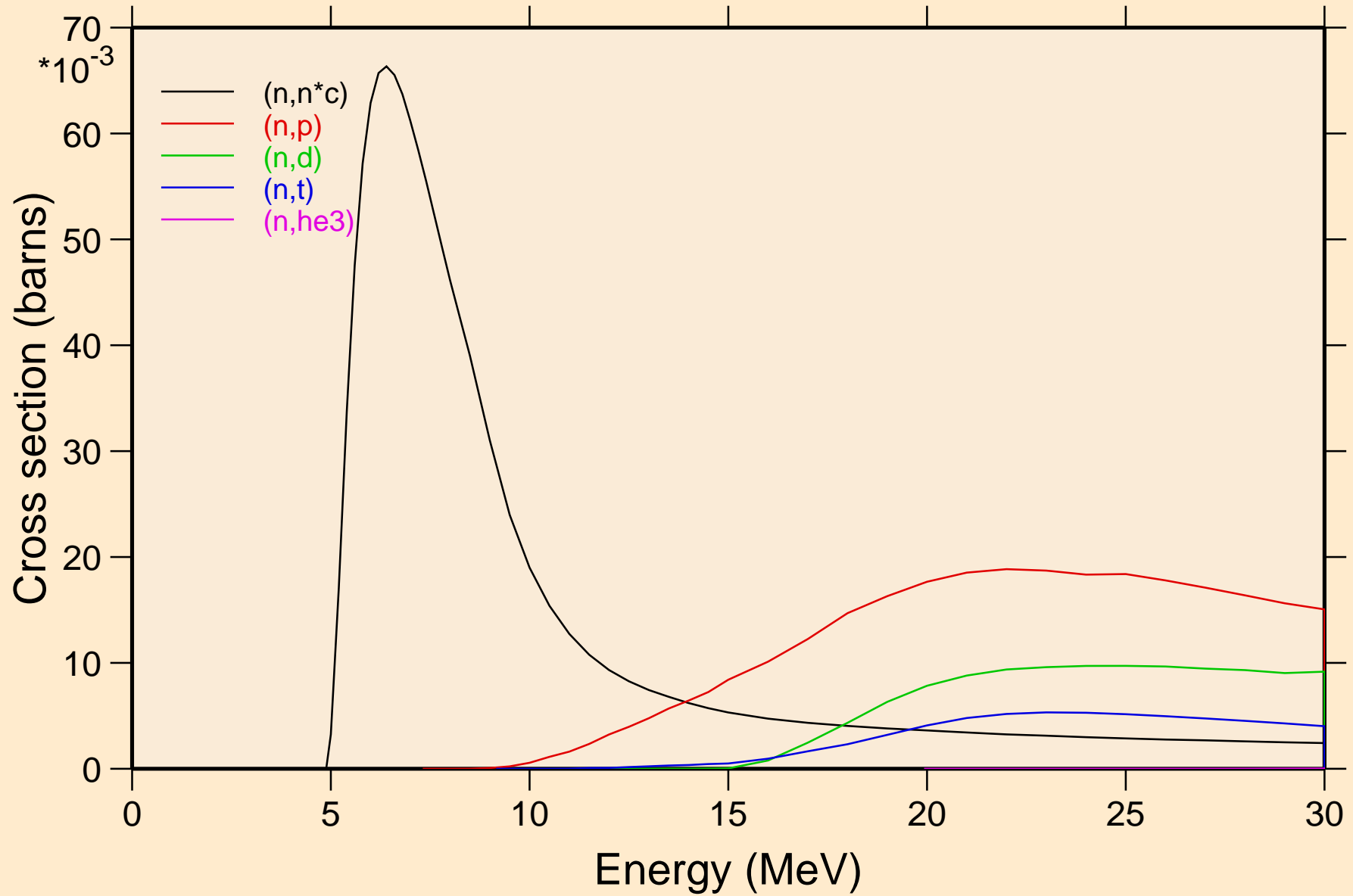
# S037 NRG TENDL-2015, AKONING

## Threshold reactions



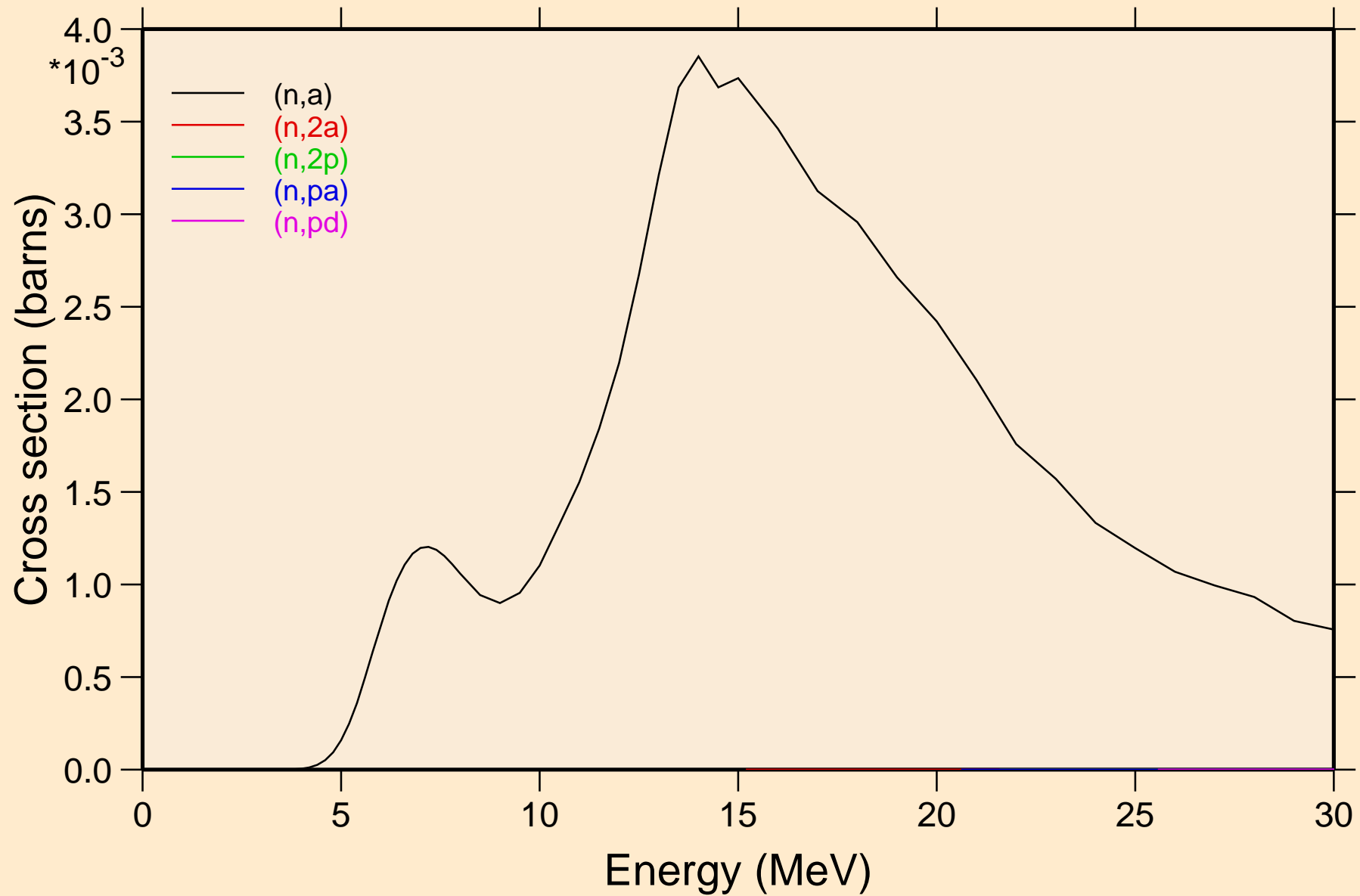
# S037 NRG TENDL-2015, AKONING

## Threshold reactions



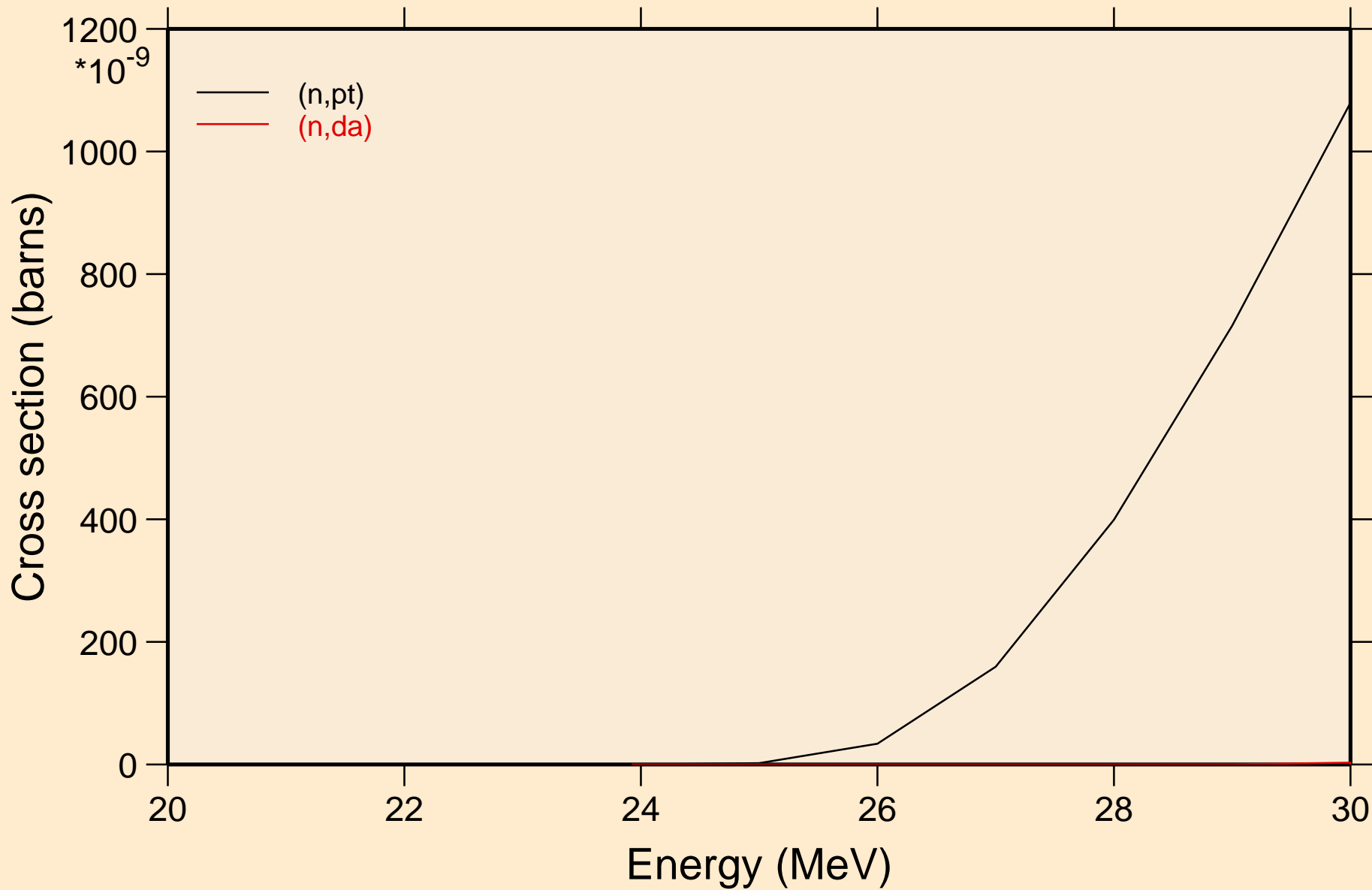
# S037 NRG TENDL-2015, AKONING

## Threshold reactions



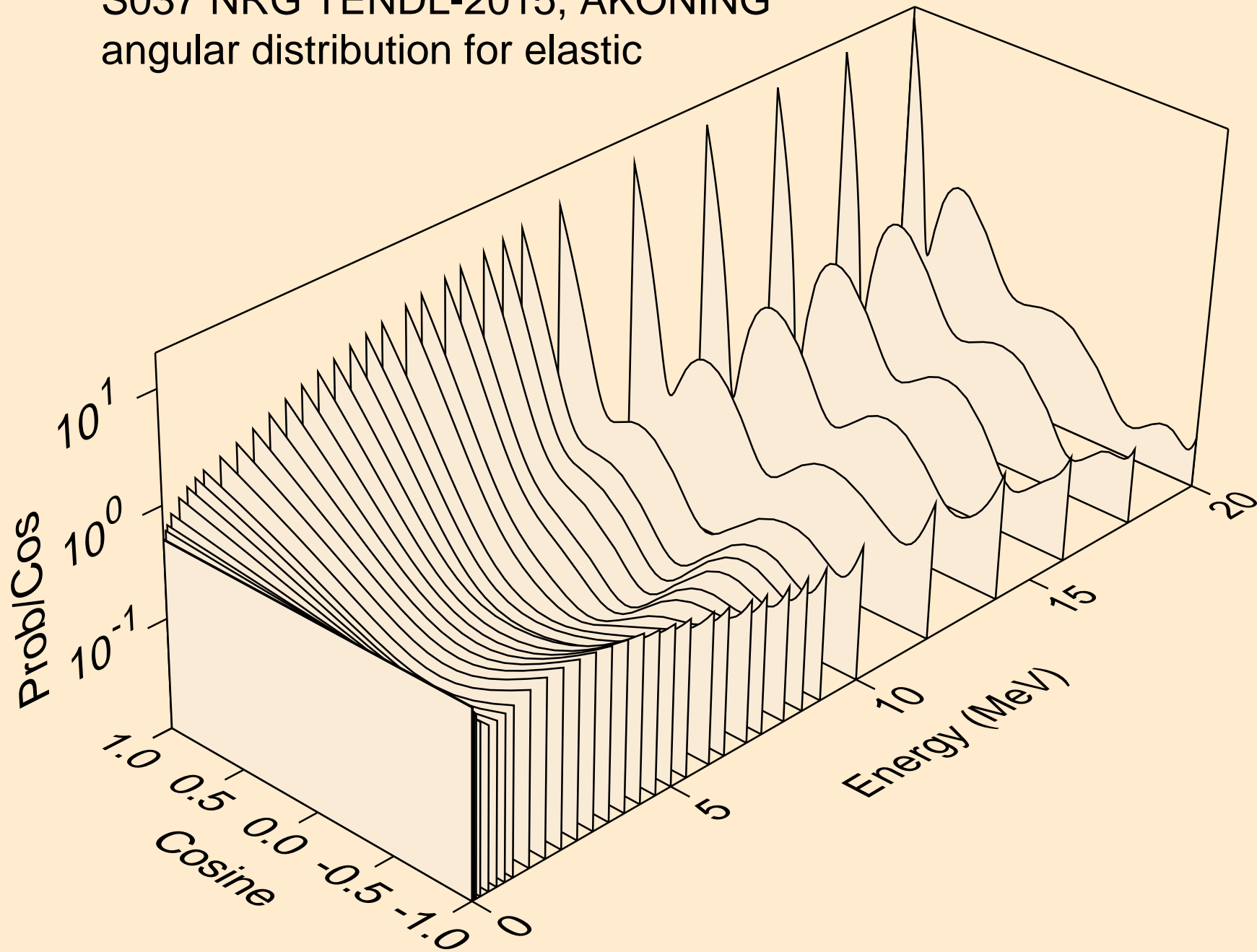
# S037 NRG TENDL-2015, AKONING

## Threshold reactions

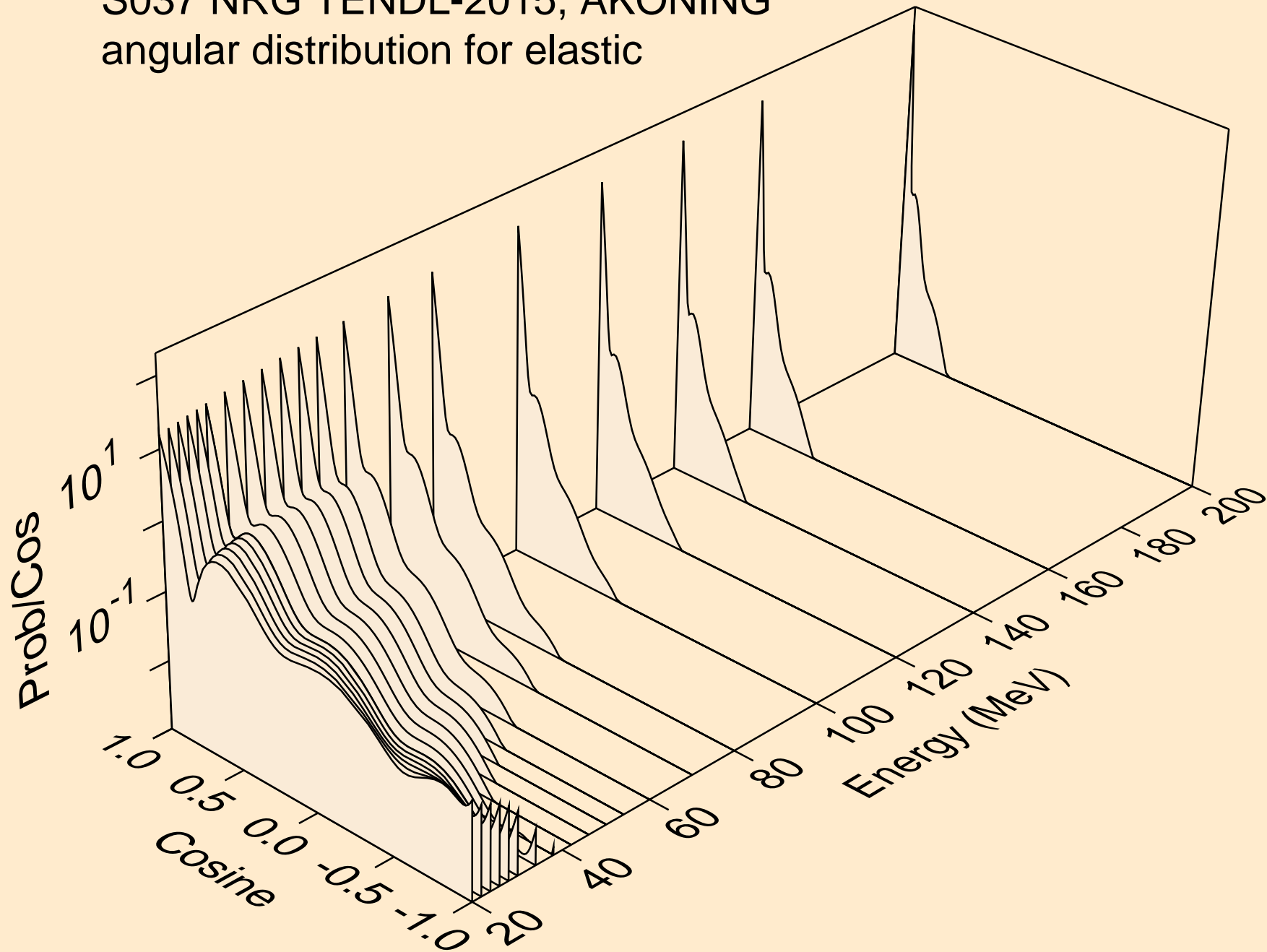




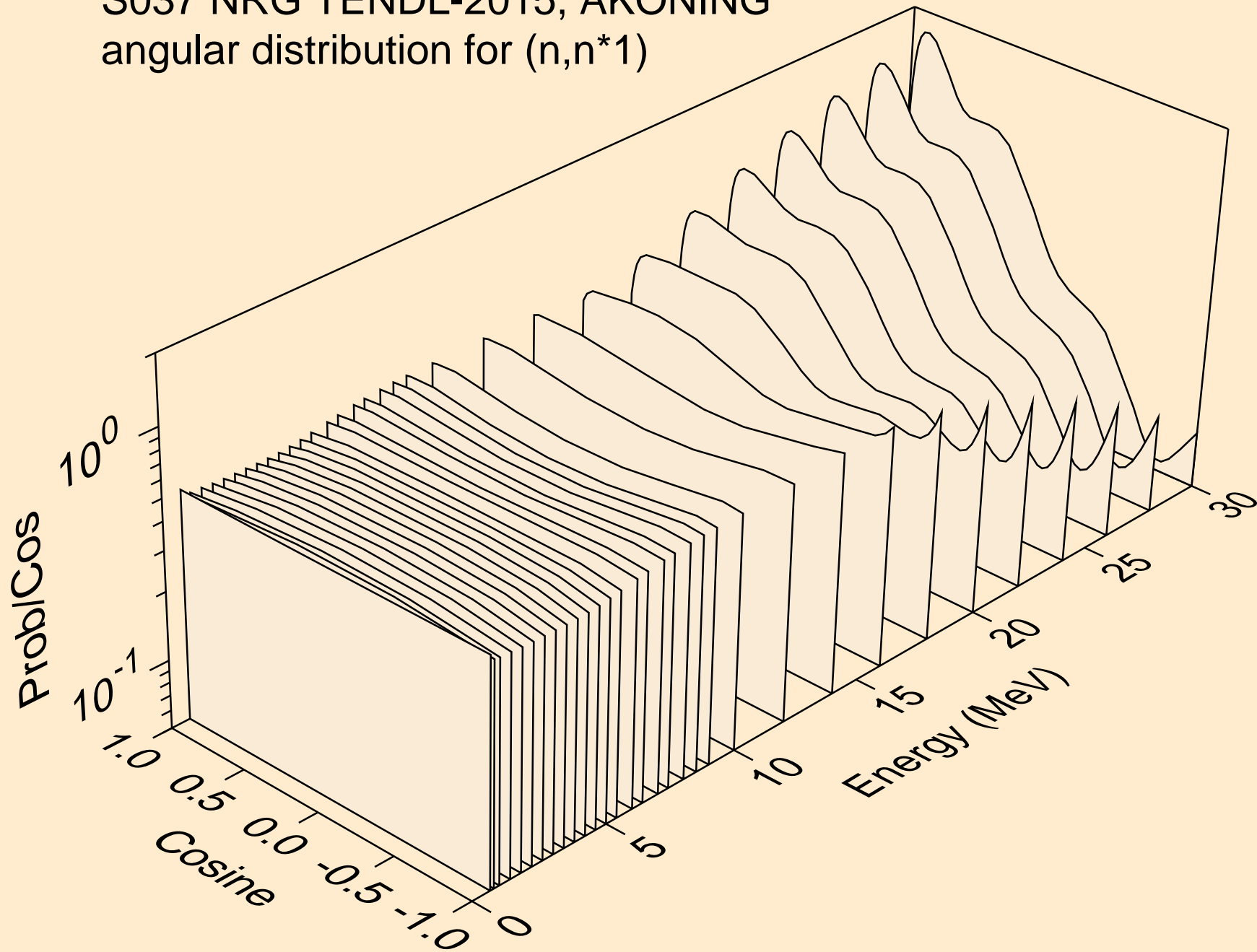
S037 NRG TENDL-2015, AKONING  
angular distribution for elastic



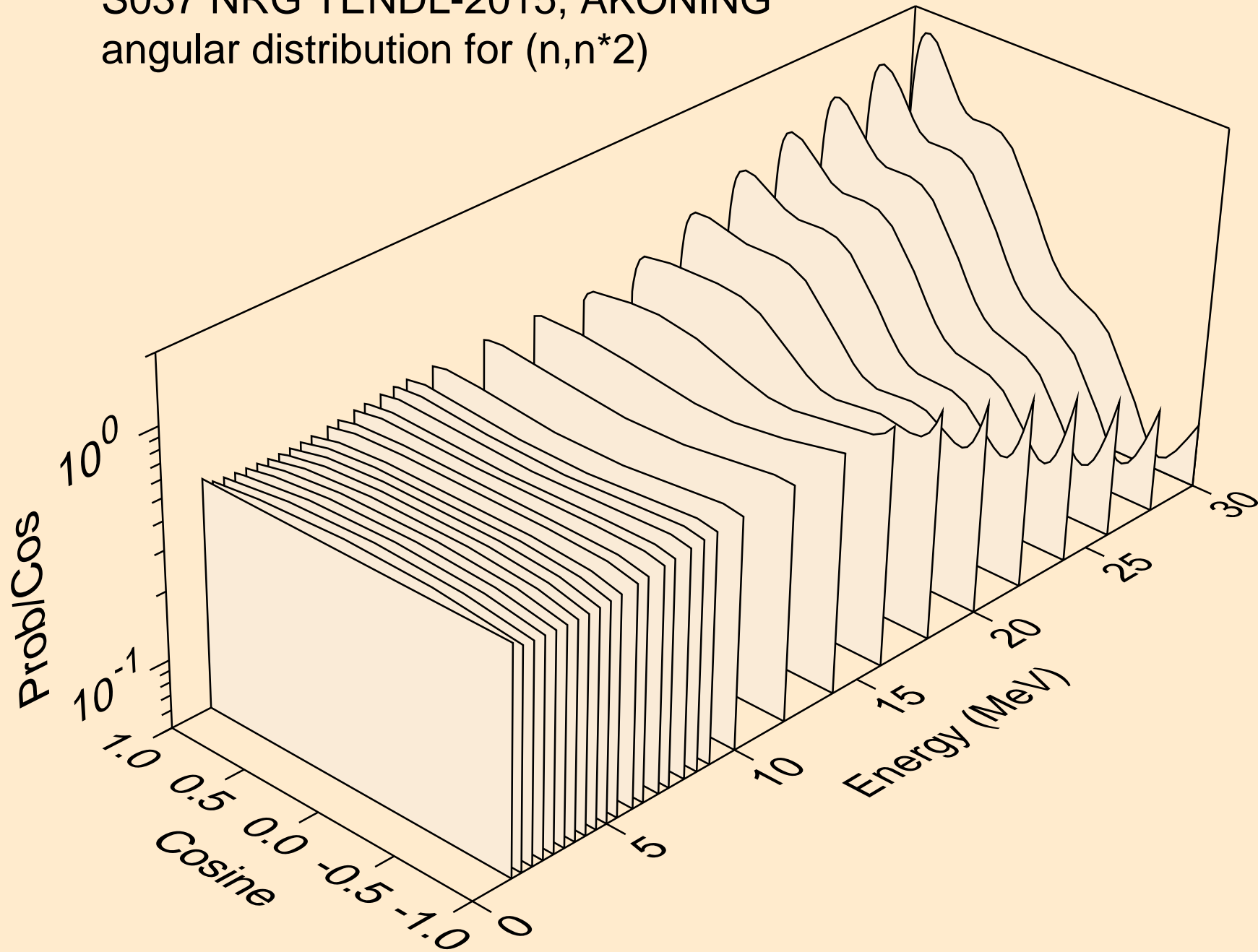
S037 NRG TENDL-2015, AKONING  
angular distribution for elastic



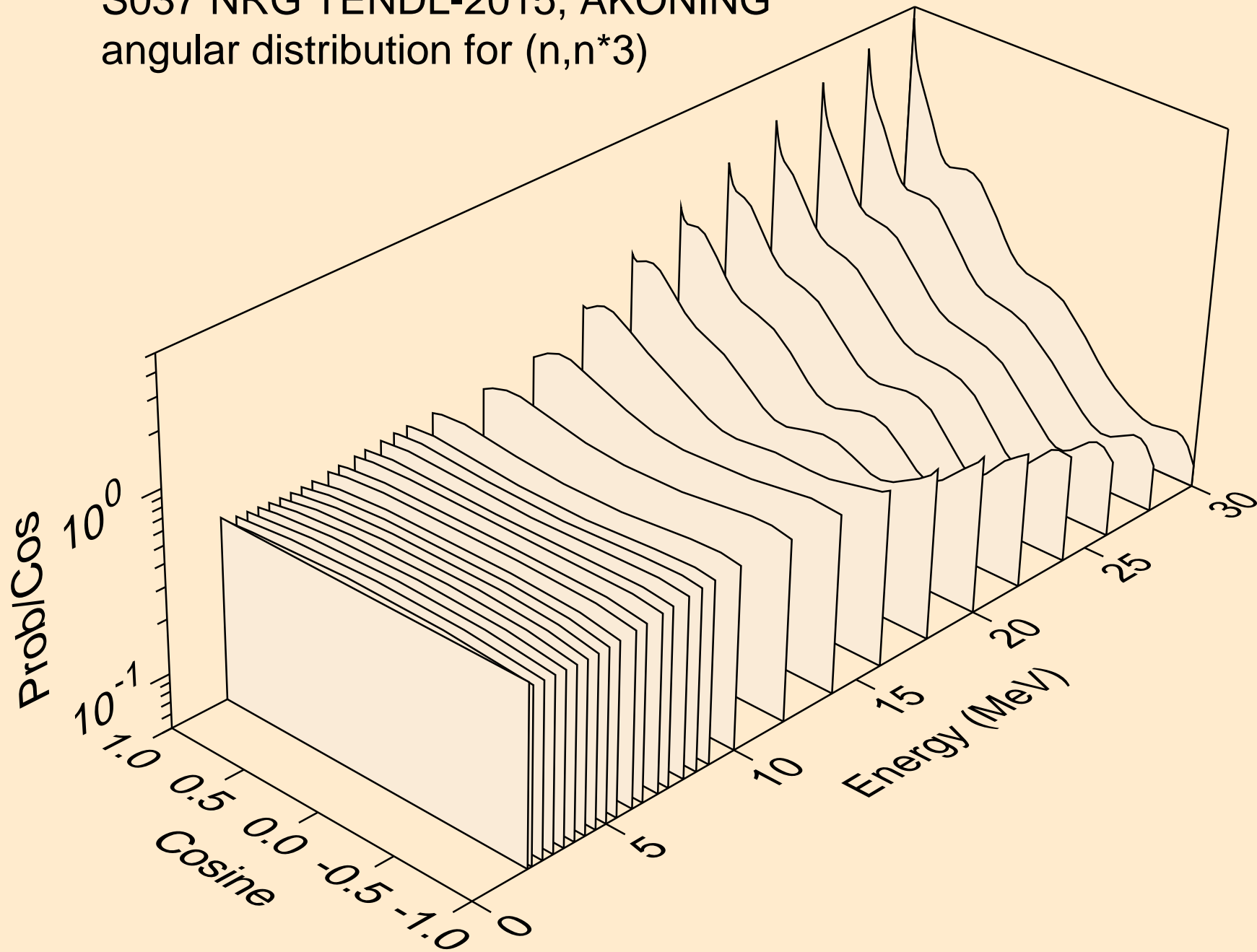
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



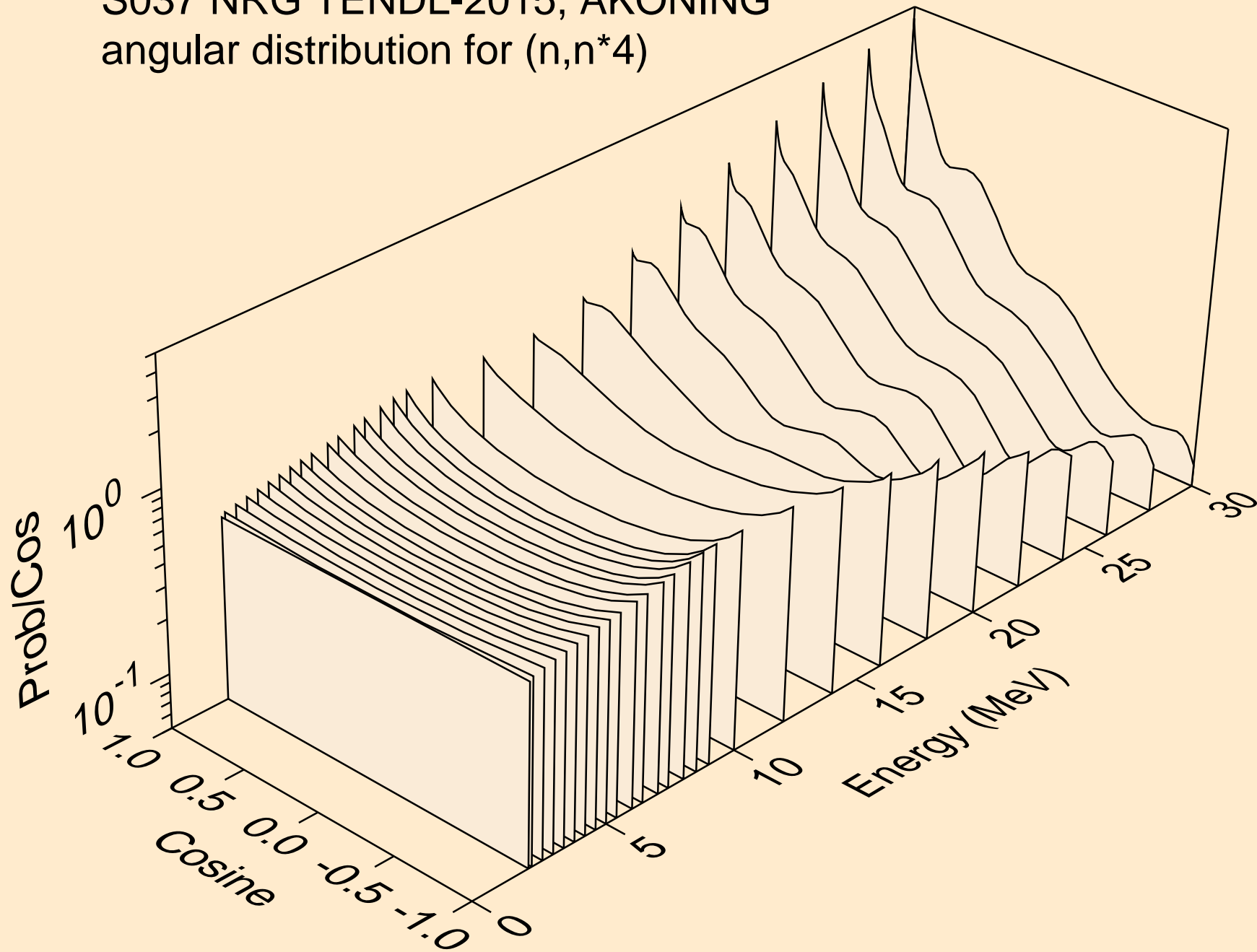
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



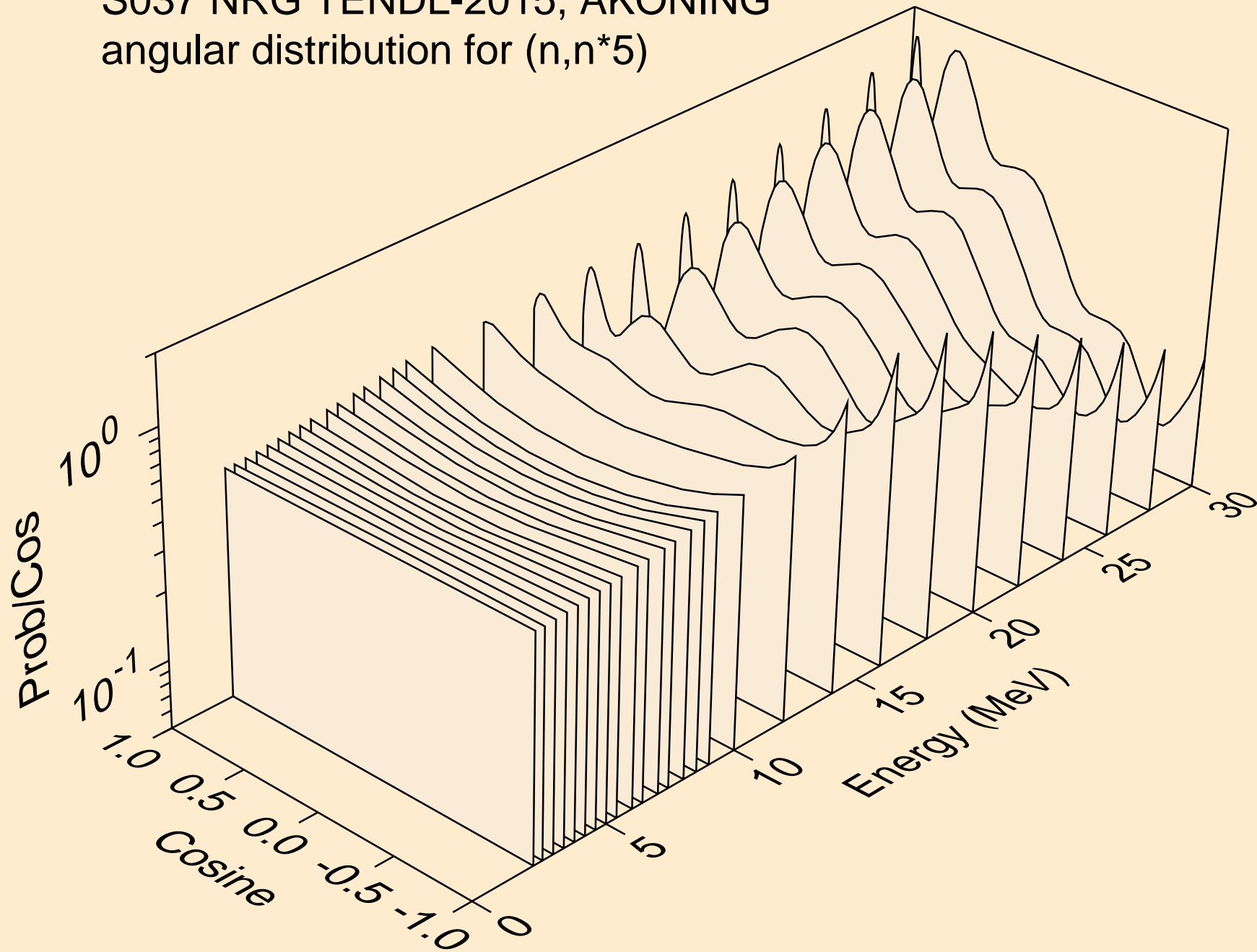
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



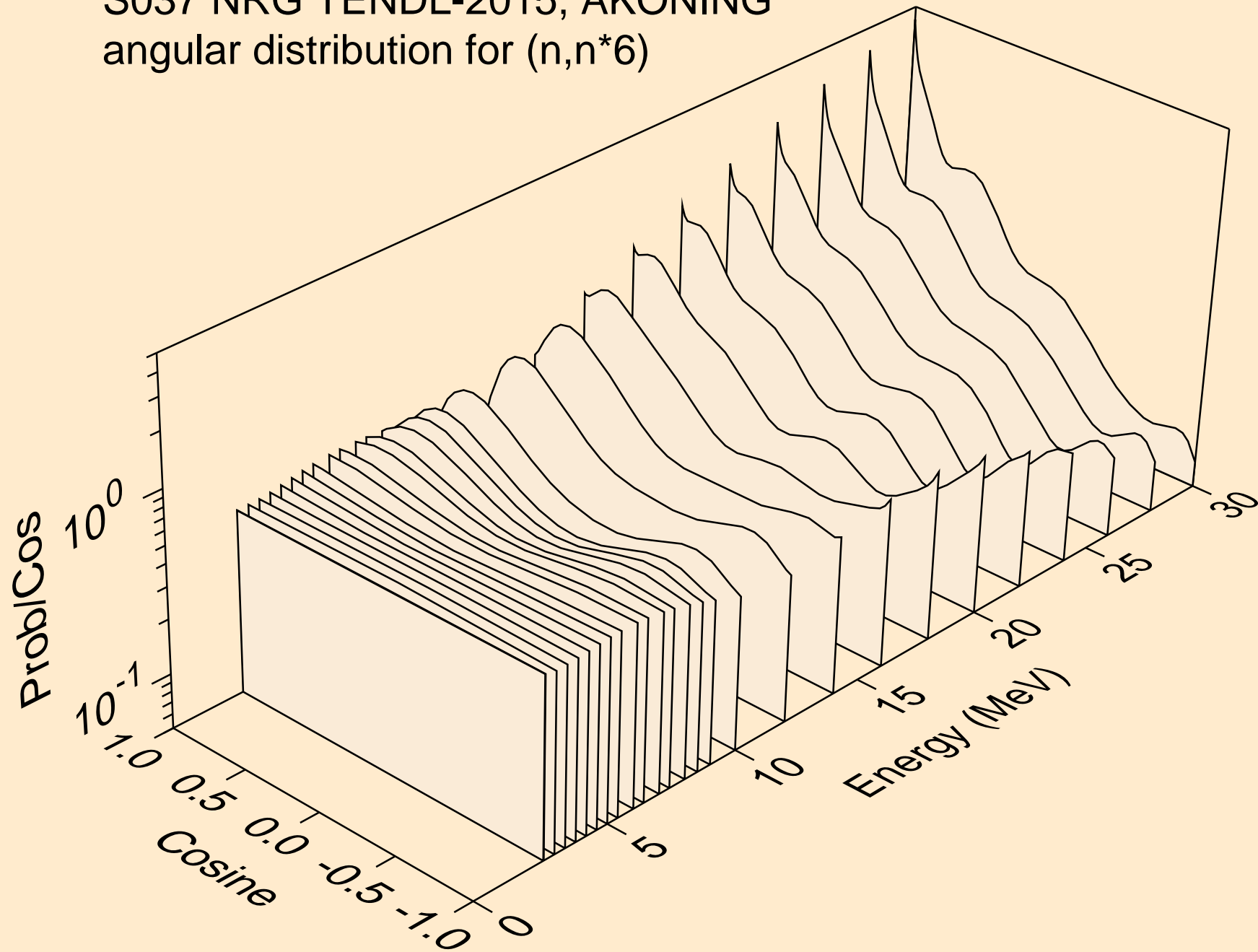
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

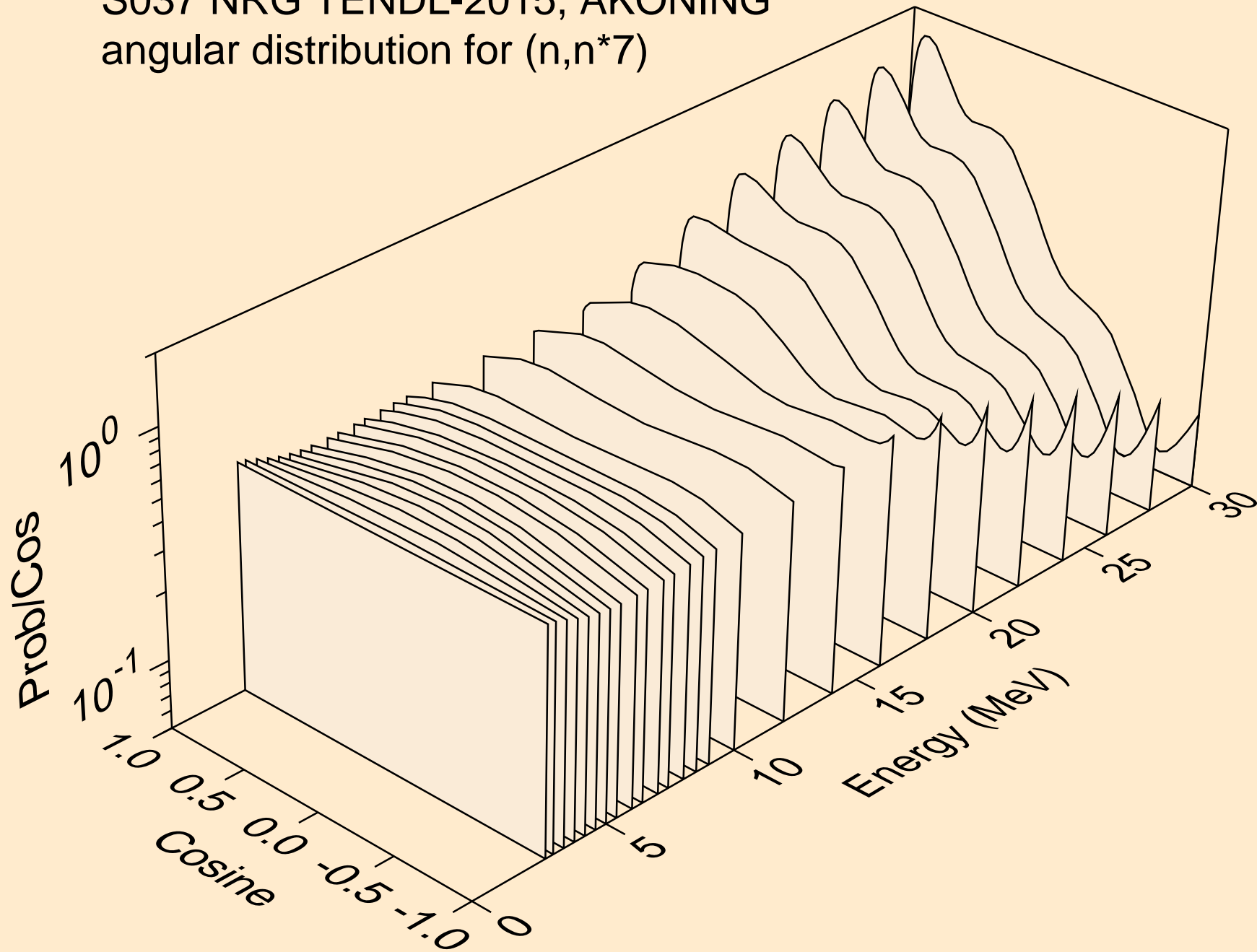


S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

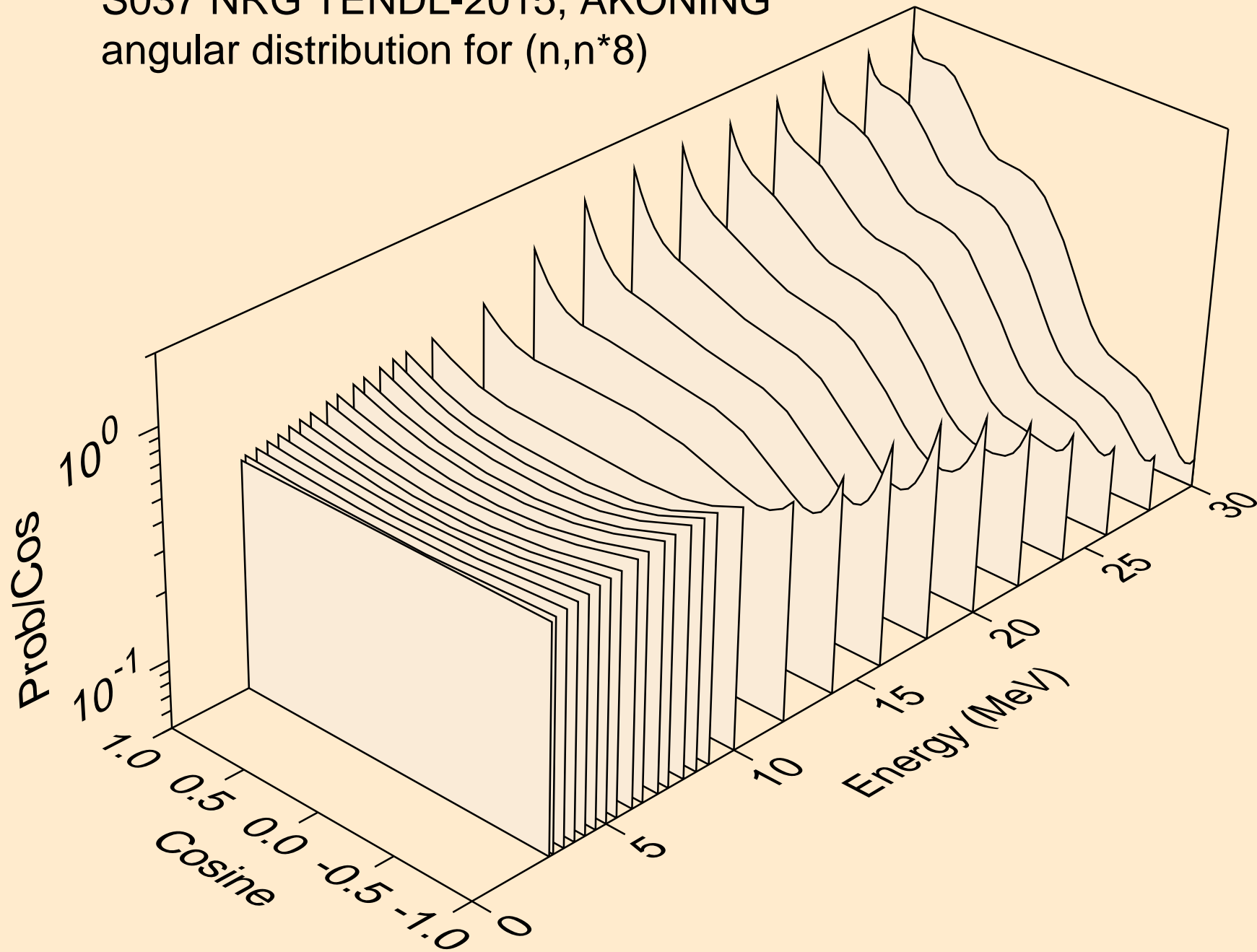




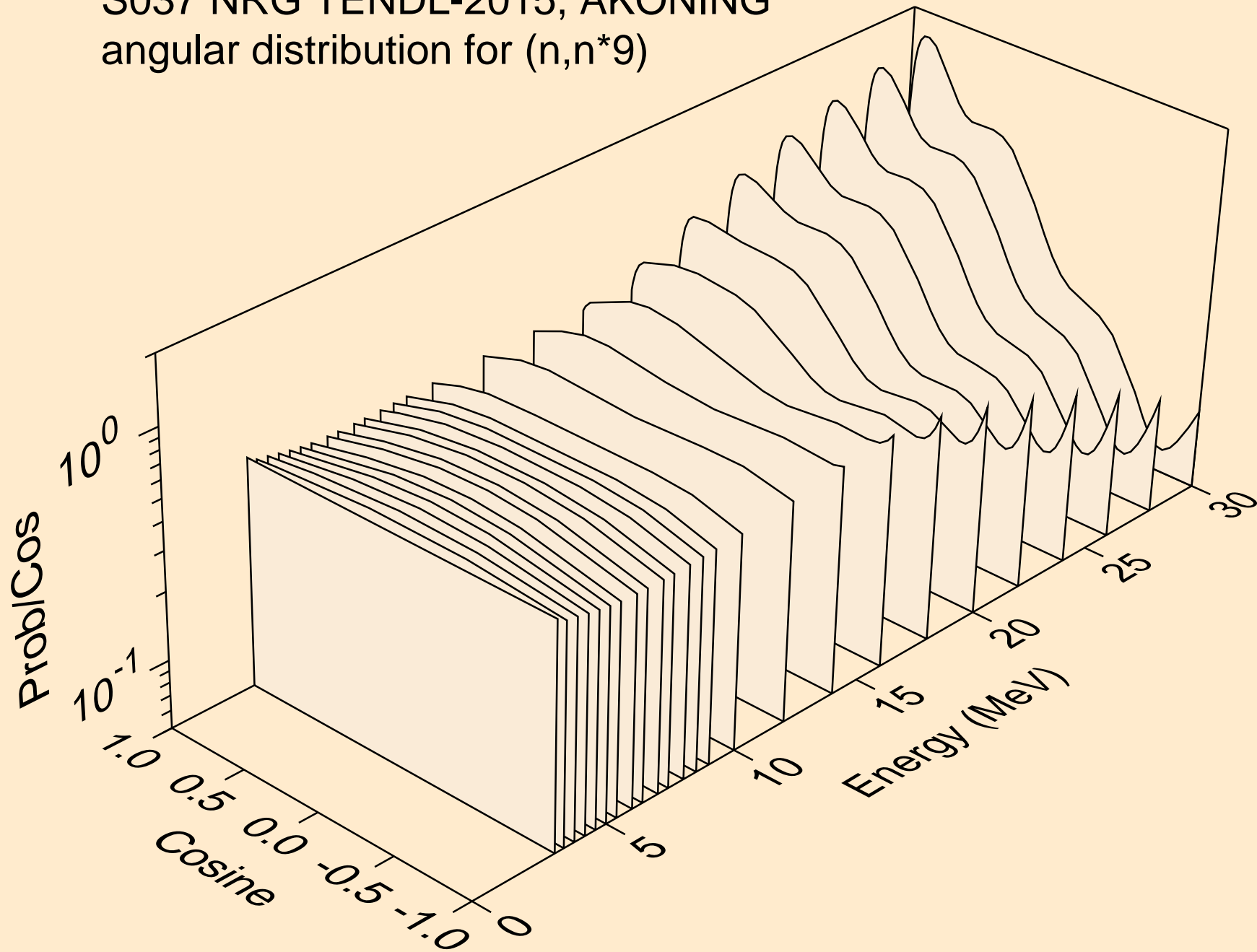
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



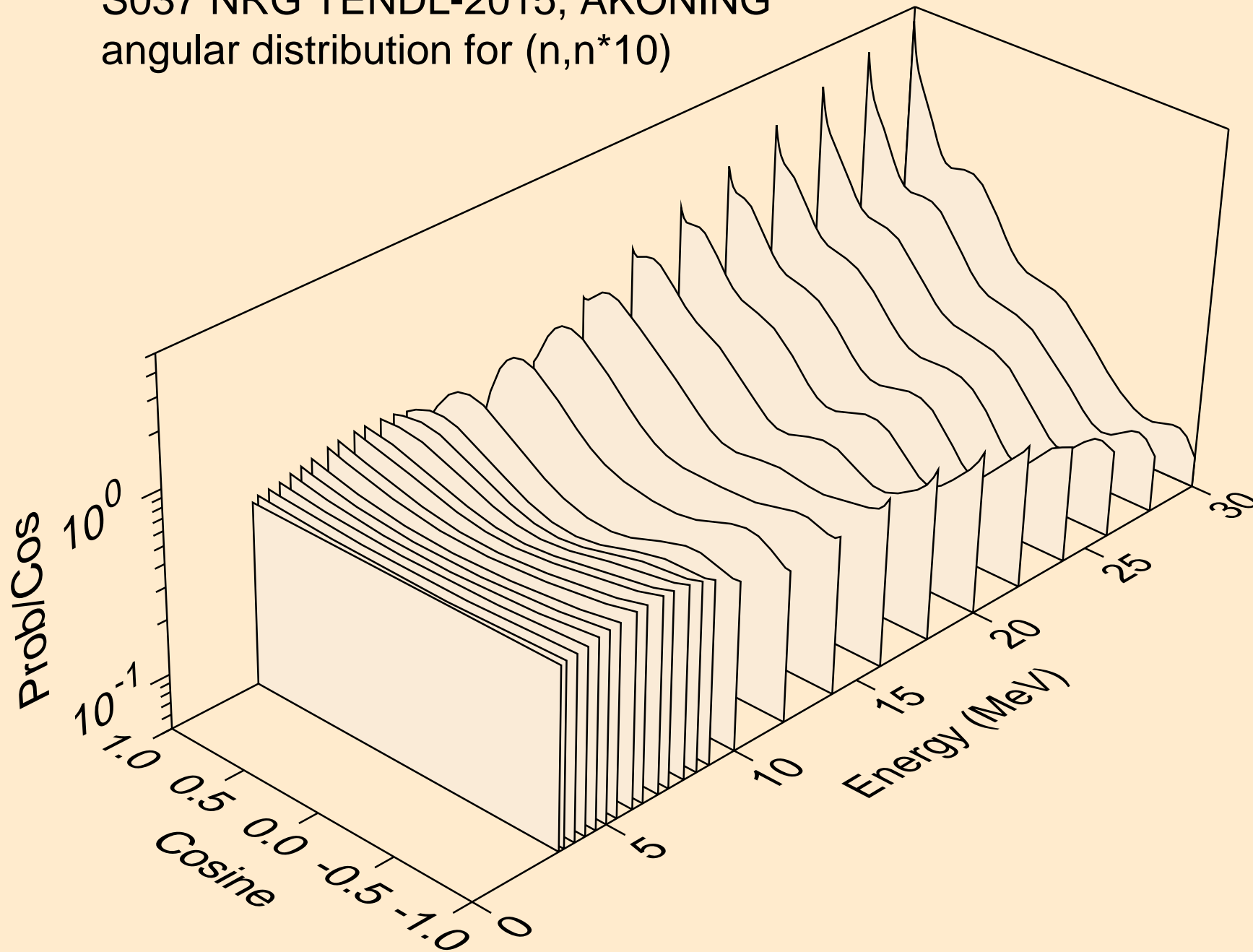
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angular distribution for (n,n\*8)



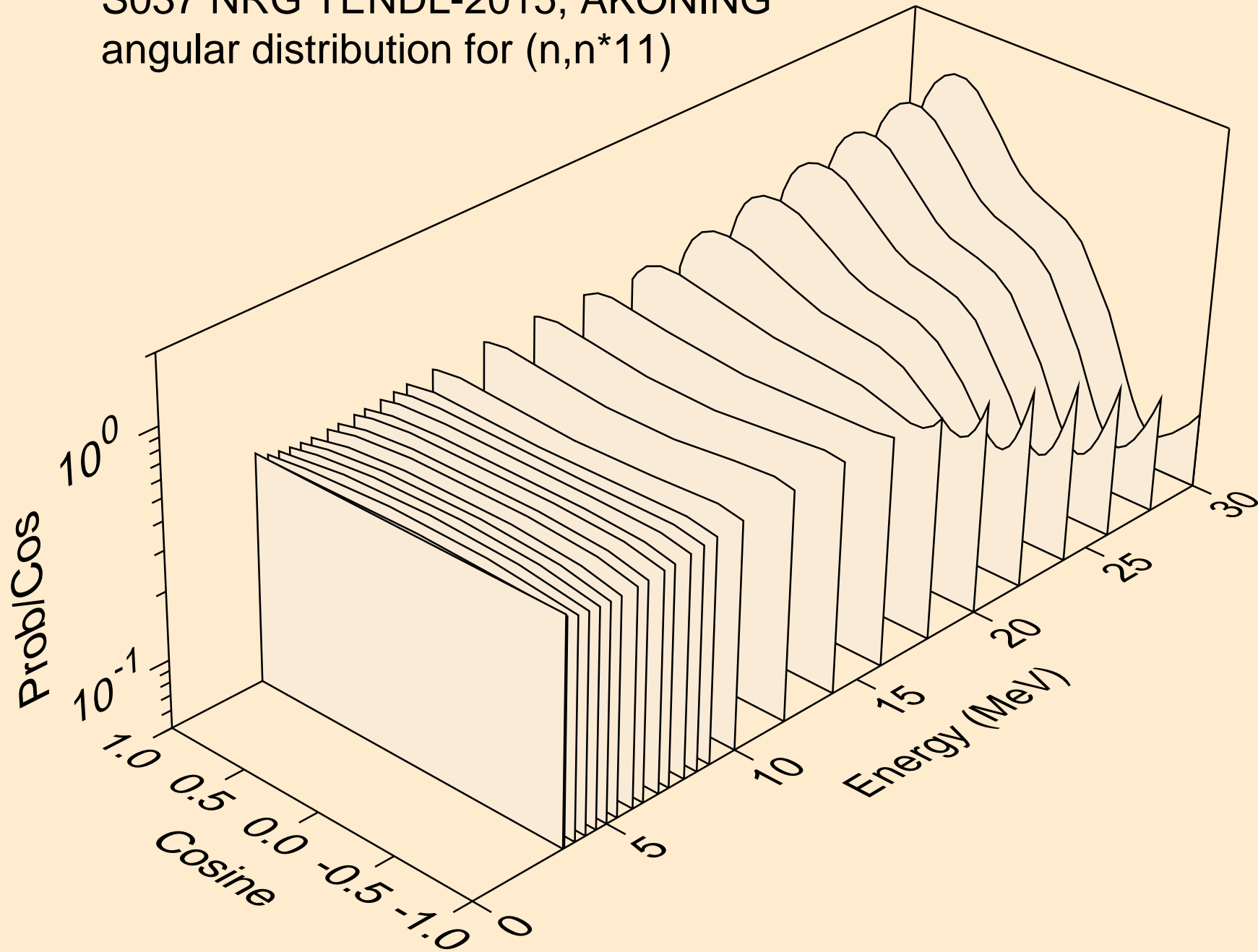
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



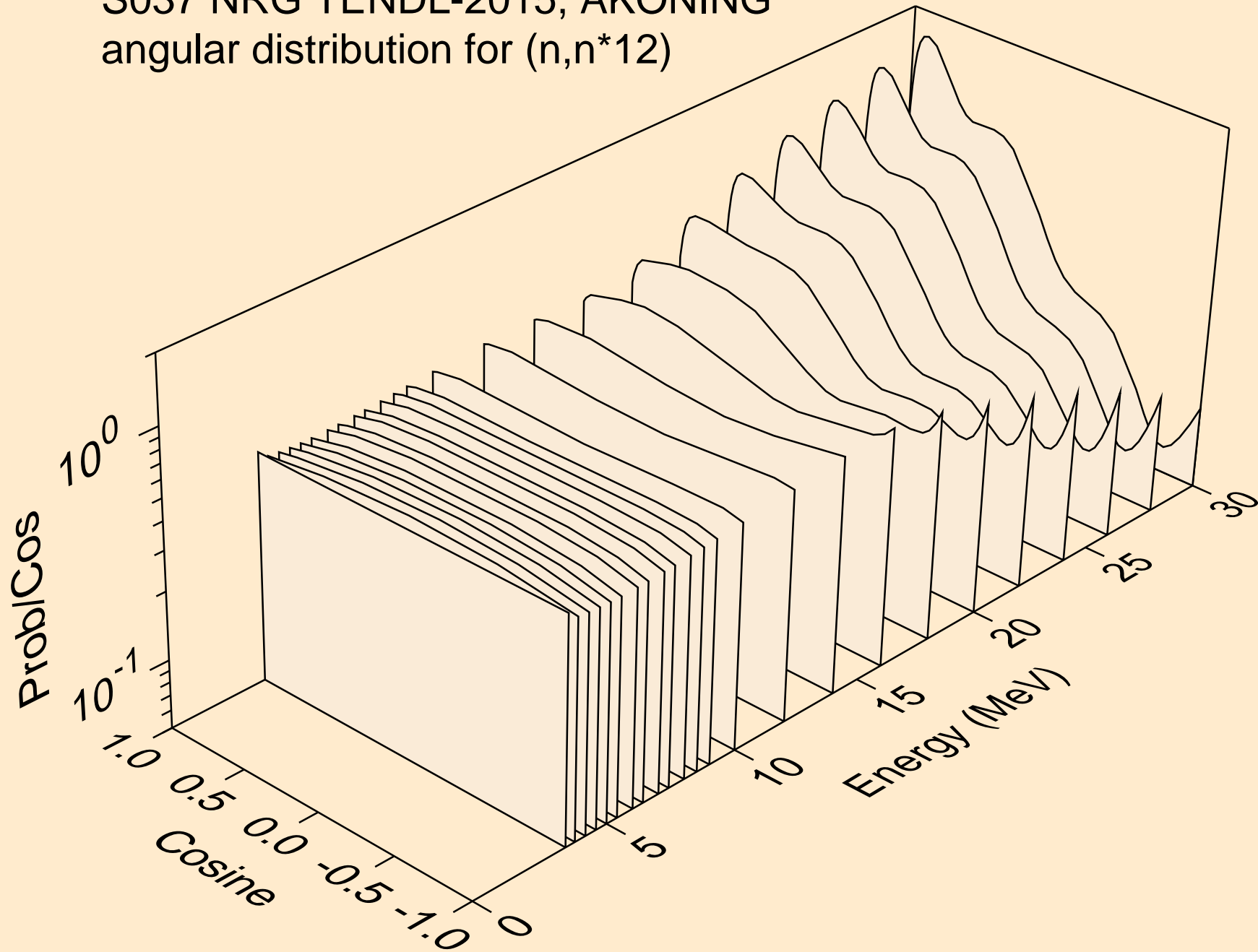
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angular distribution for (n,n\*10)



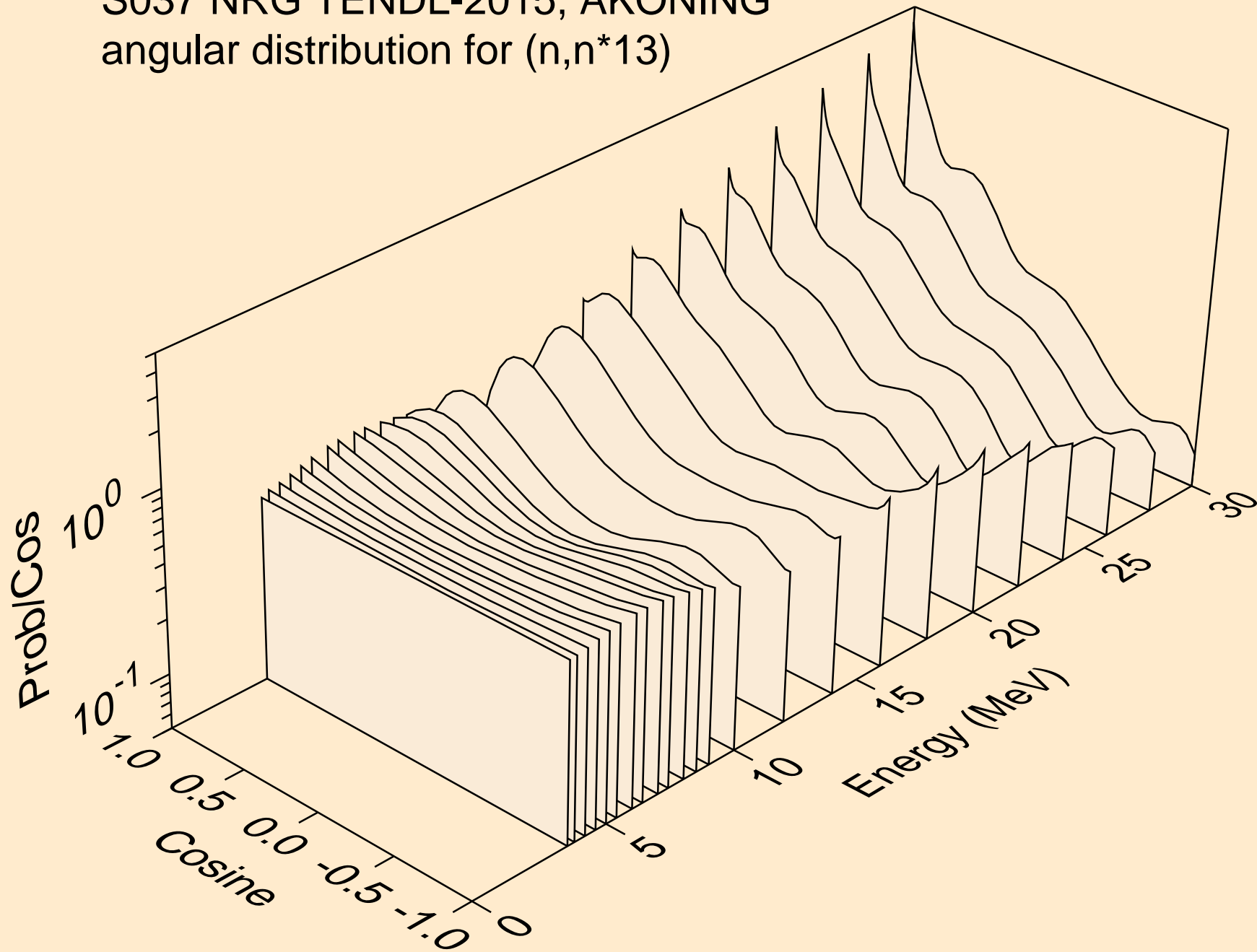
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angular distribution for (n,n\*11)



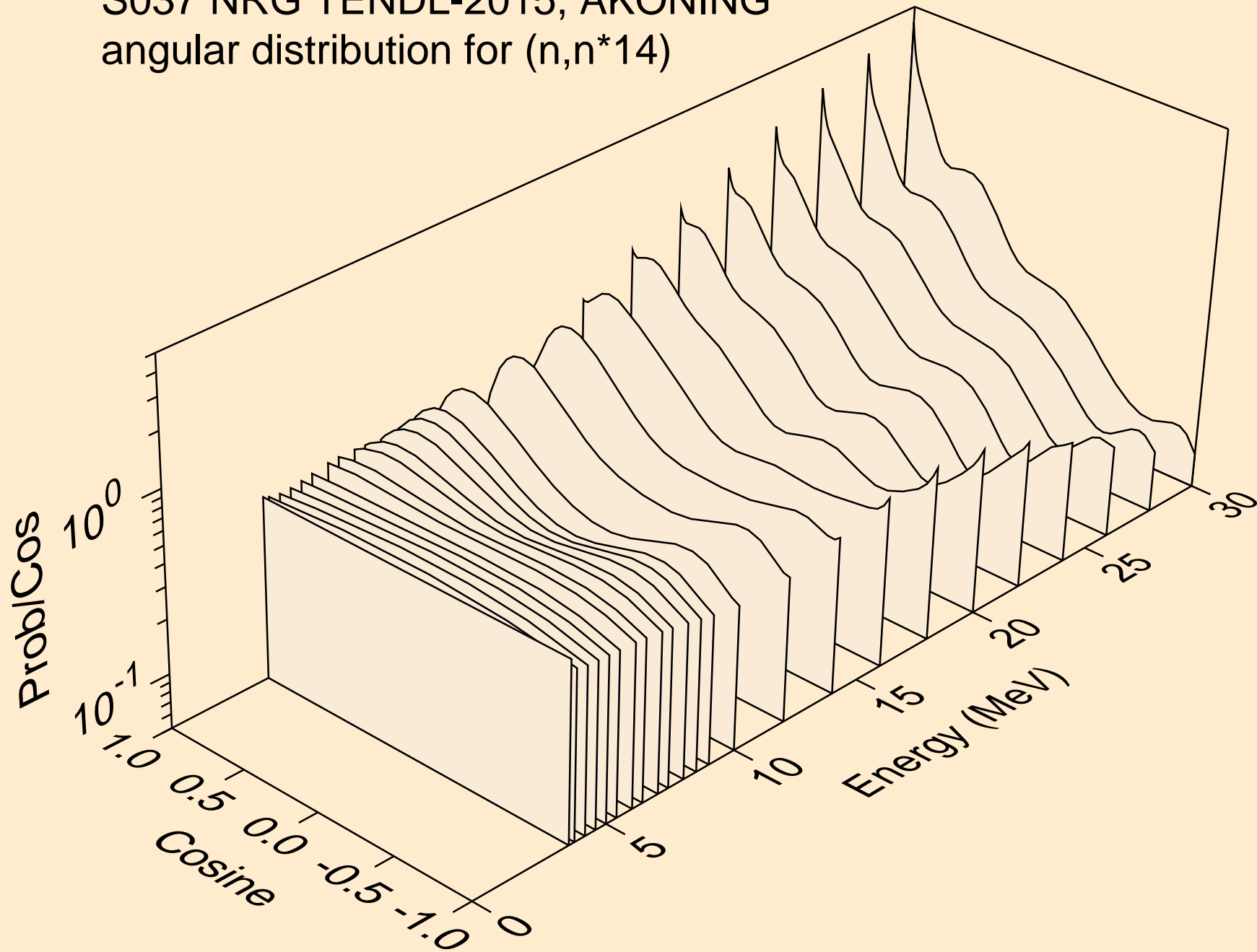
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

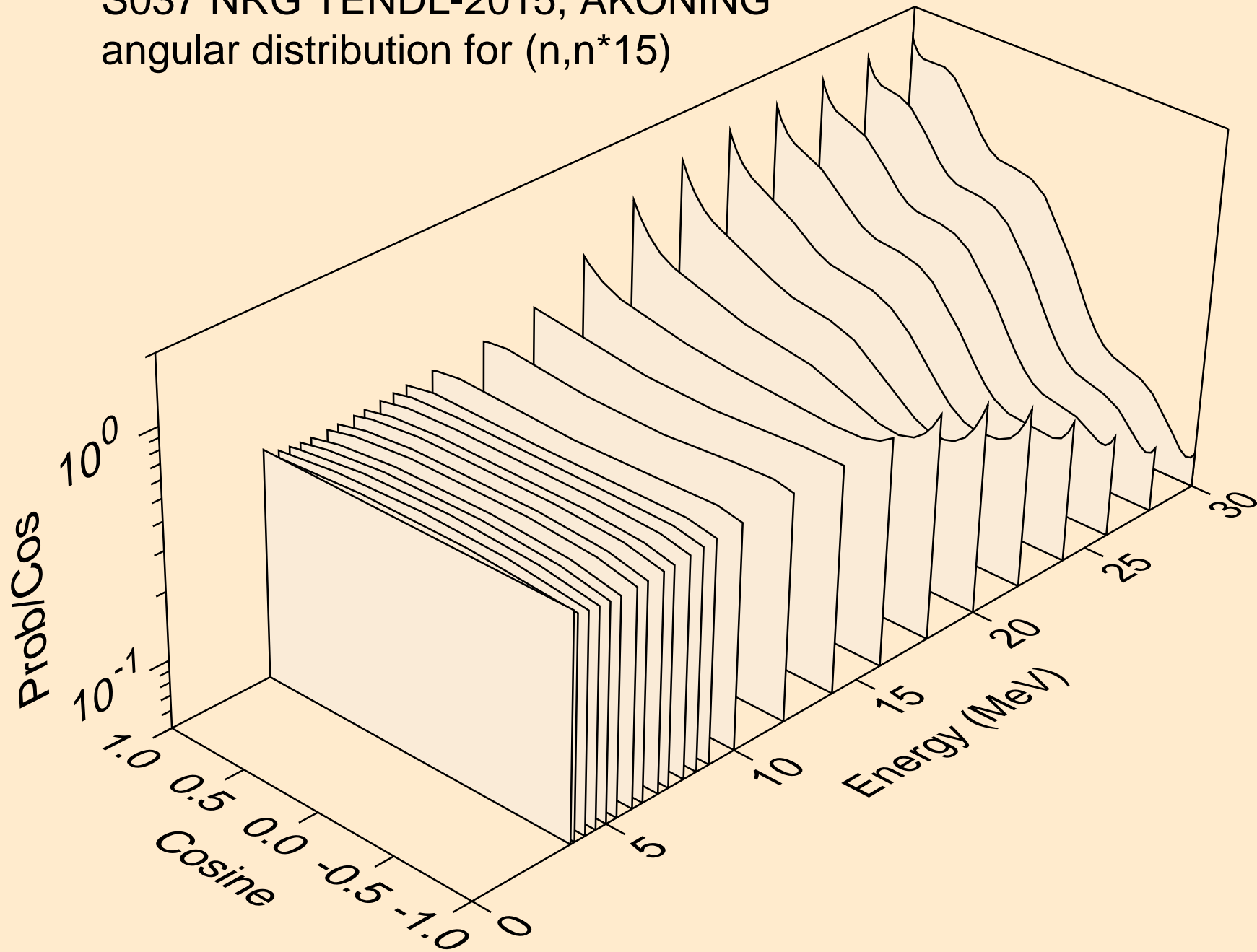


S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

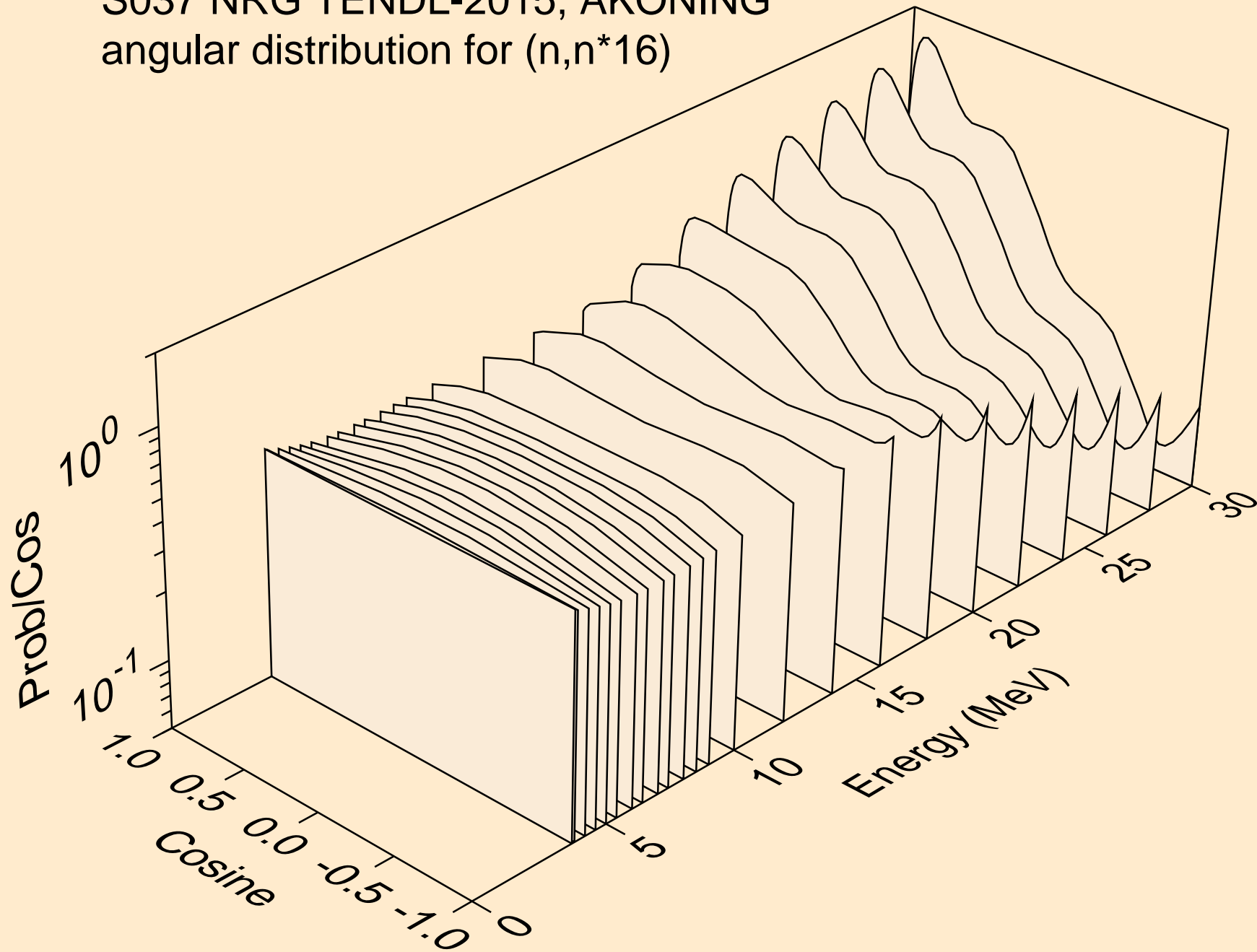




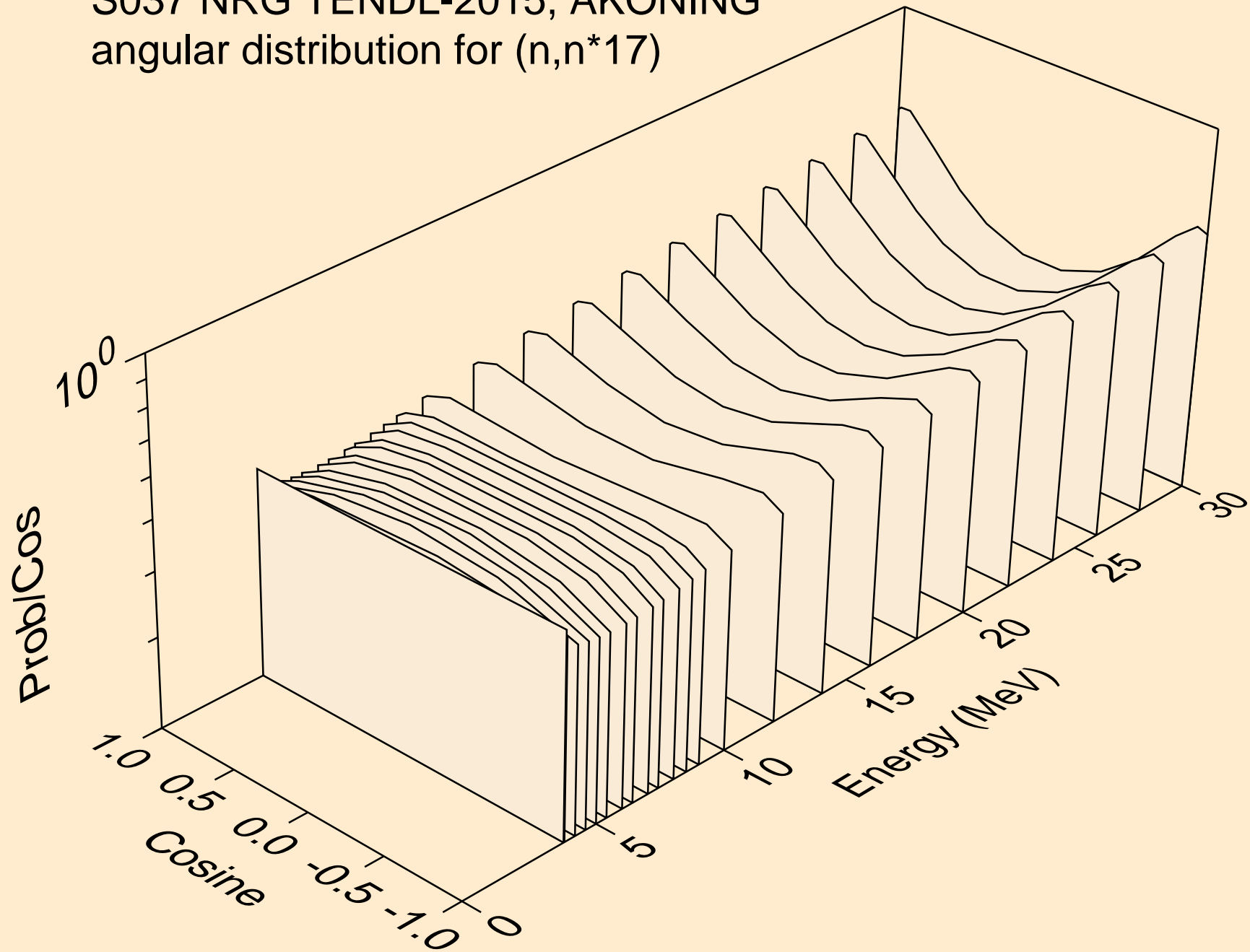
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angular distribution for (n,n\*15)



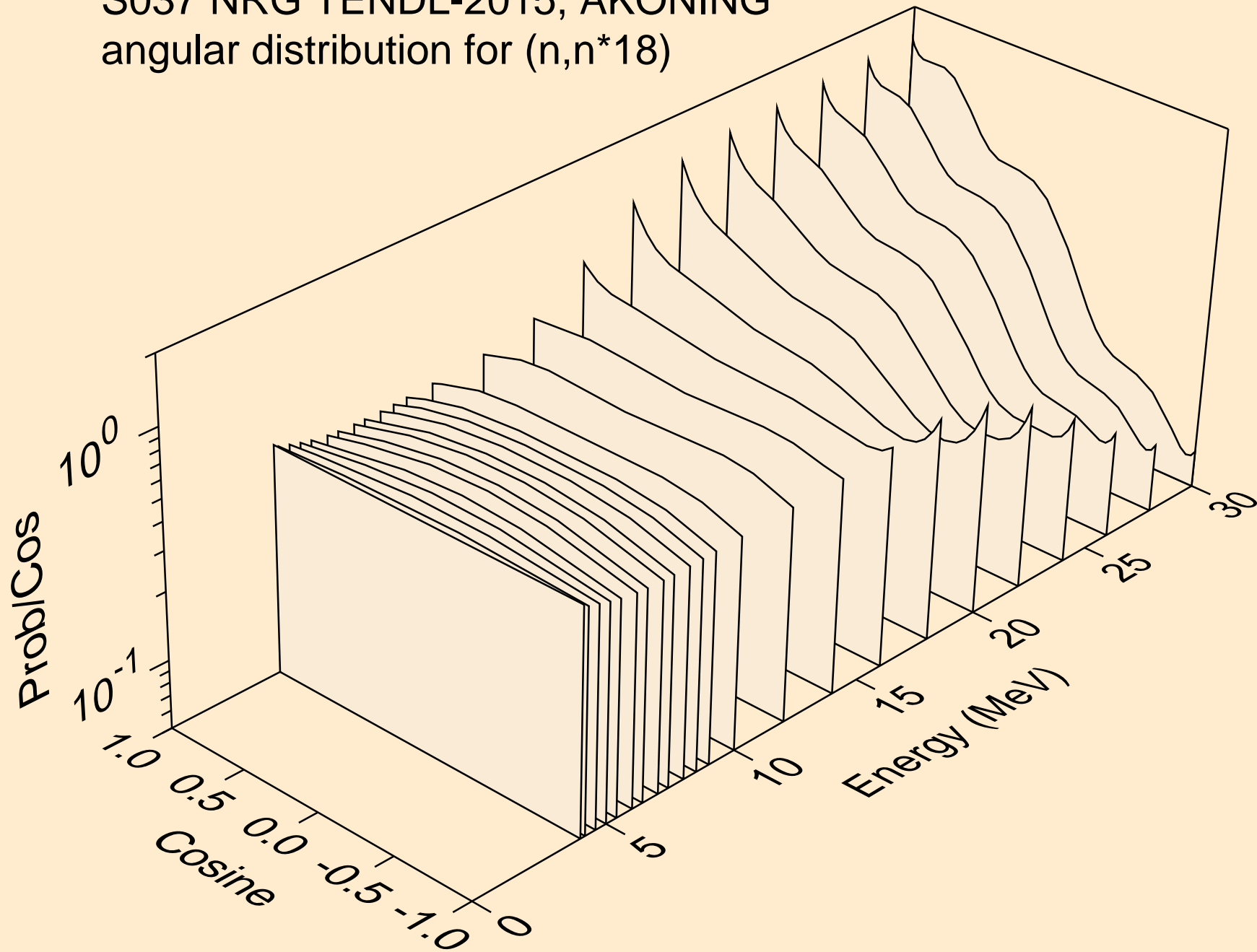
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angular distribution for (n,n\*16)



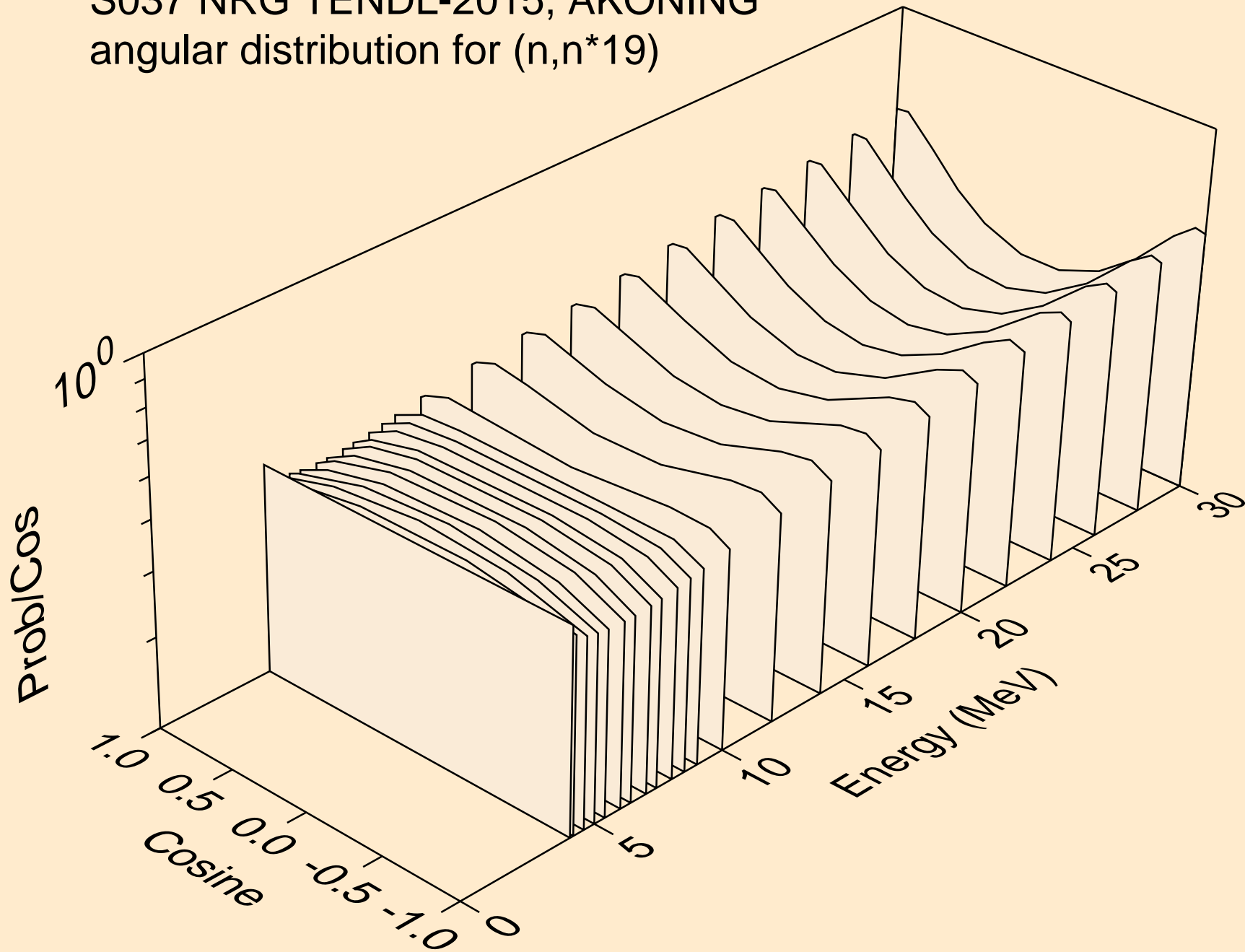
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angular distribution for (n,n\*17)



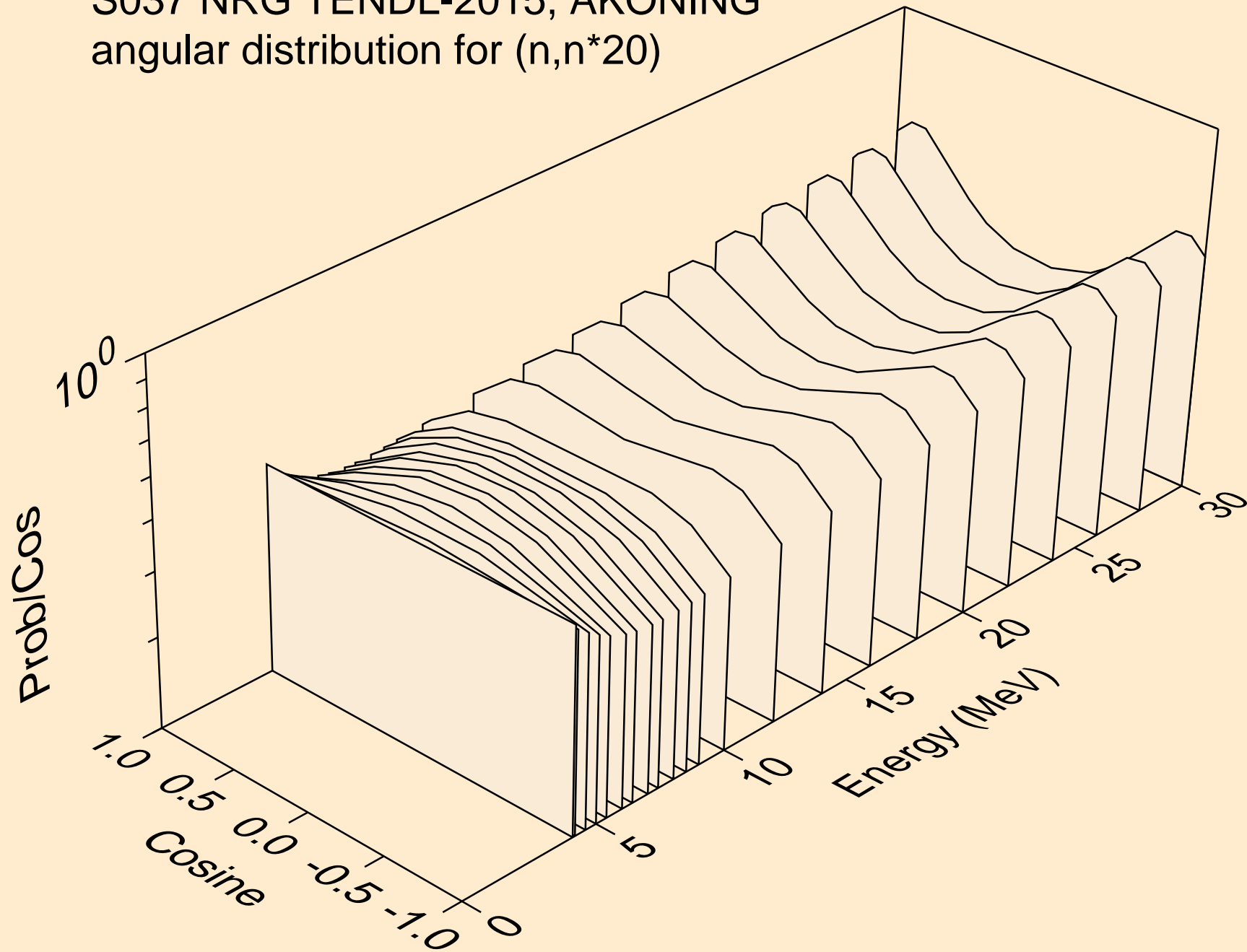
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angular distribution for (n,n\*18)



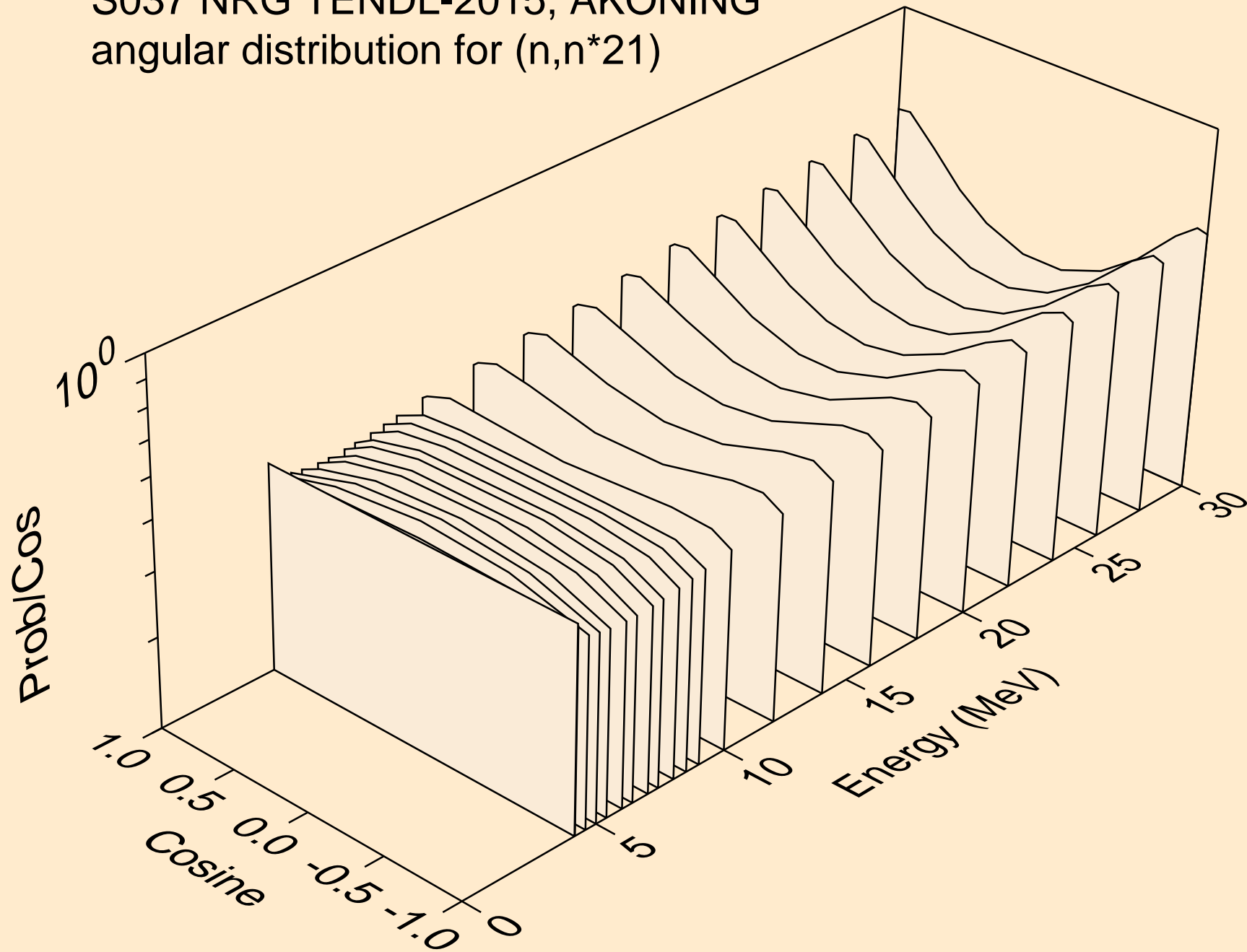
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angular distribution for (n,n\*19)



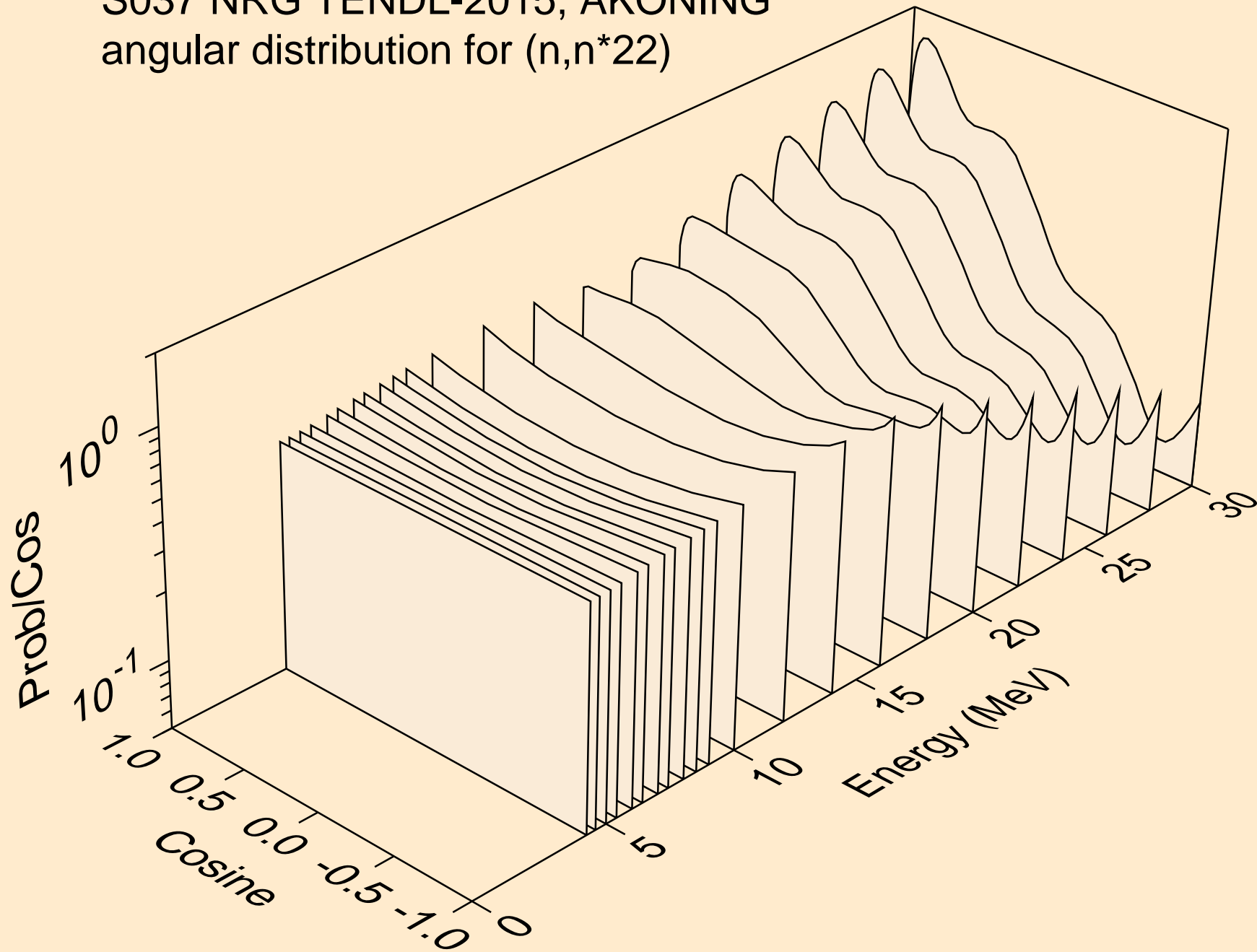
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

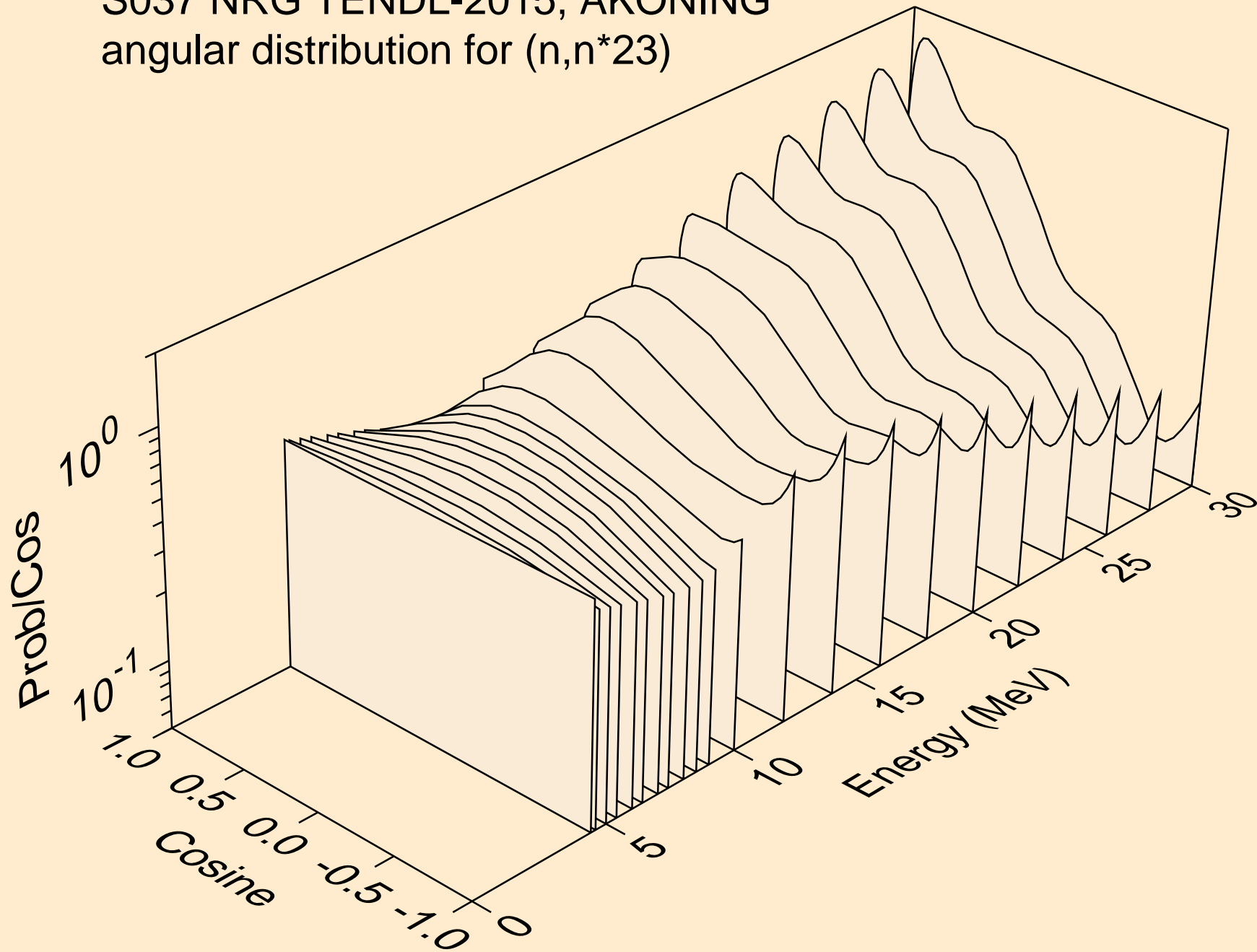


S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

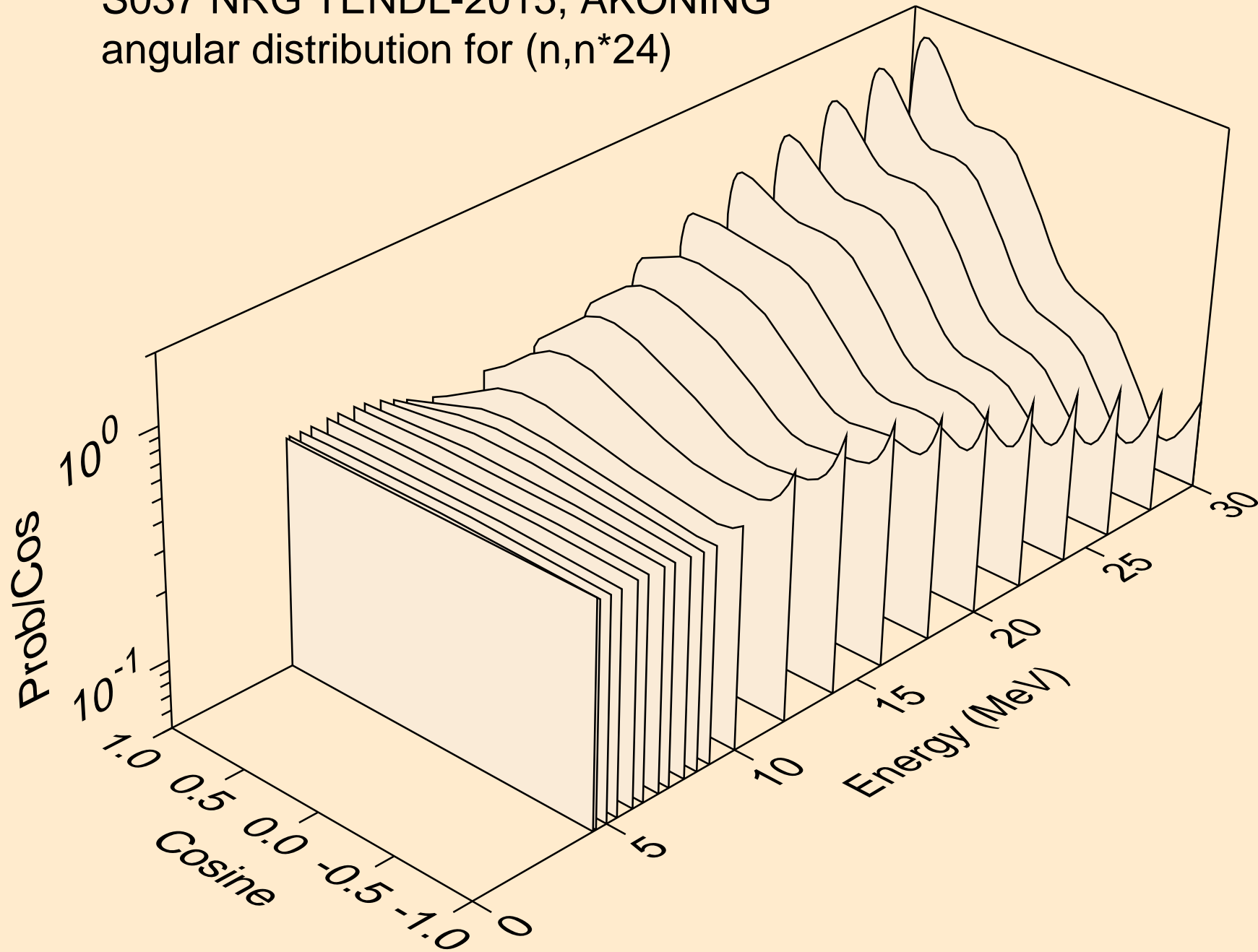




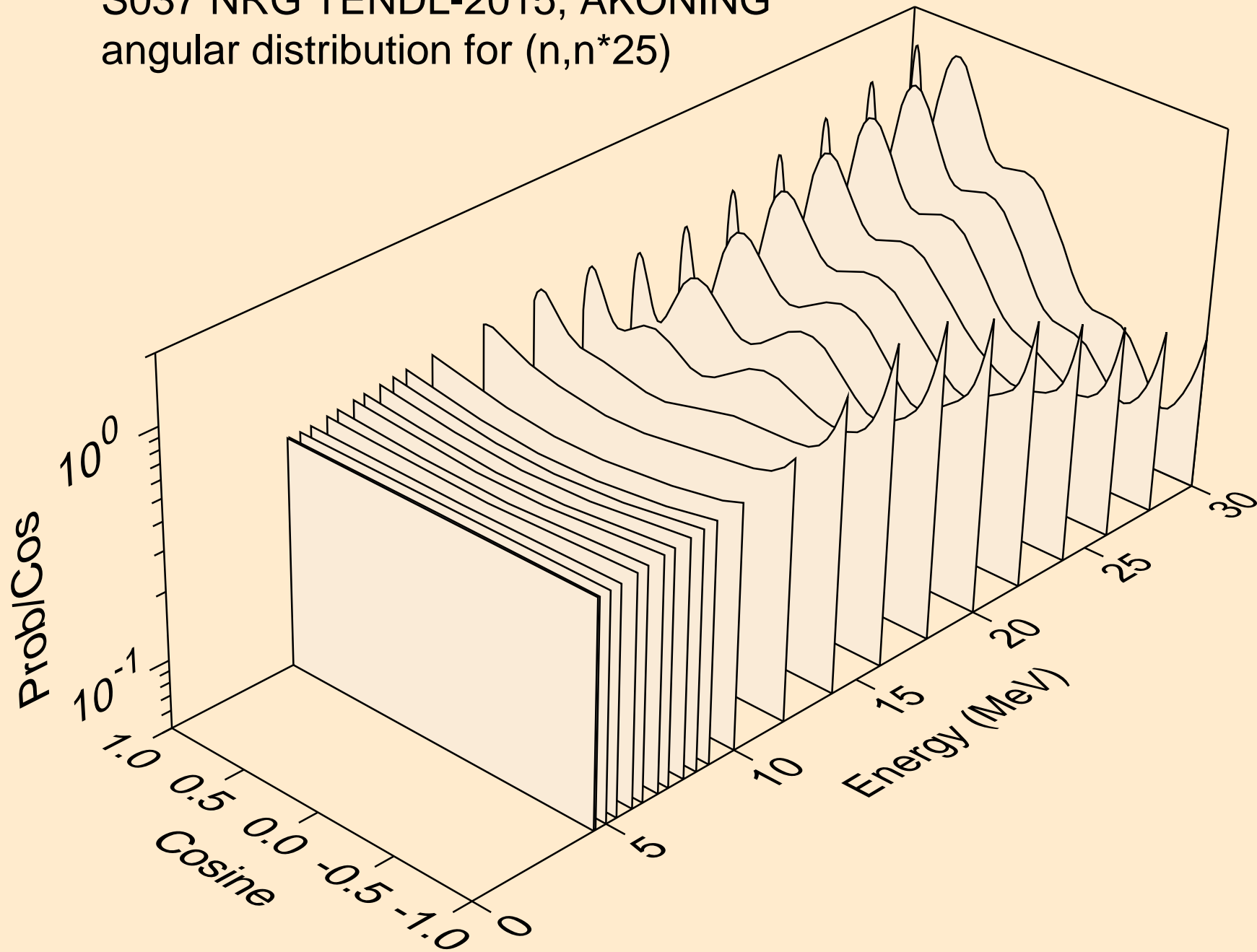
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angular distribution for (n,n\*23)



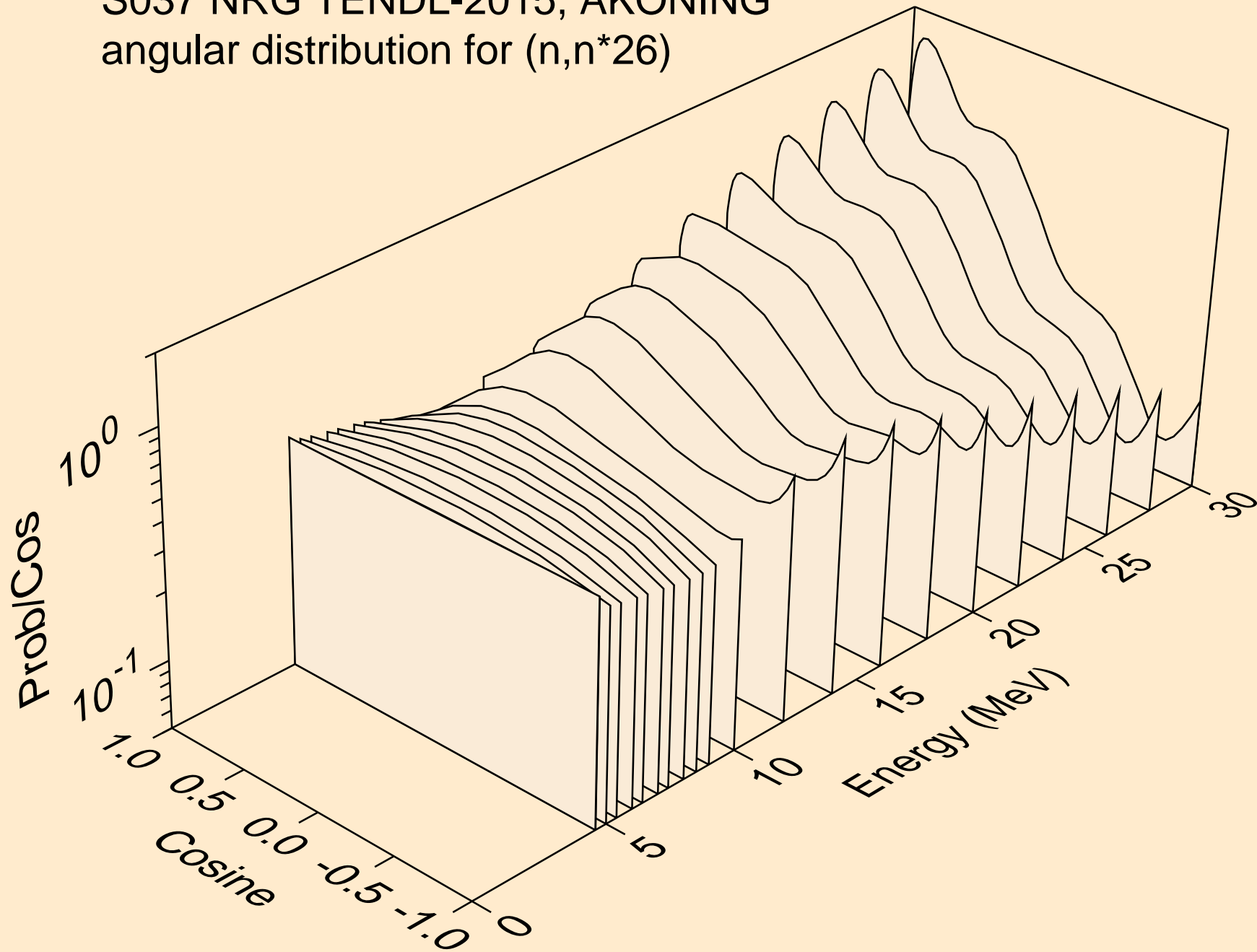
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angular distribution for (n,n\*24)



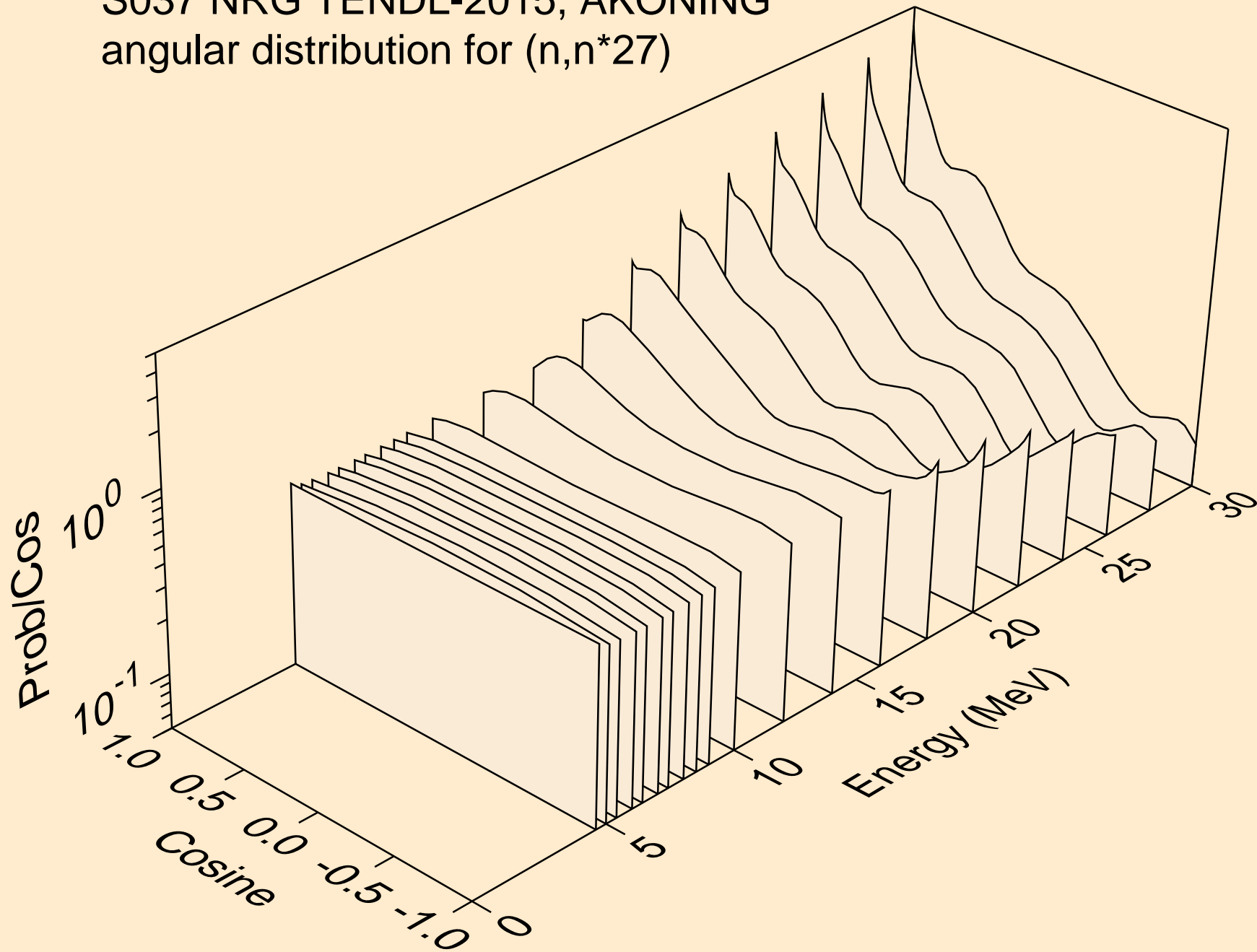
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angular distribution for (n,n\*25)



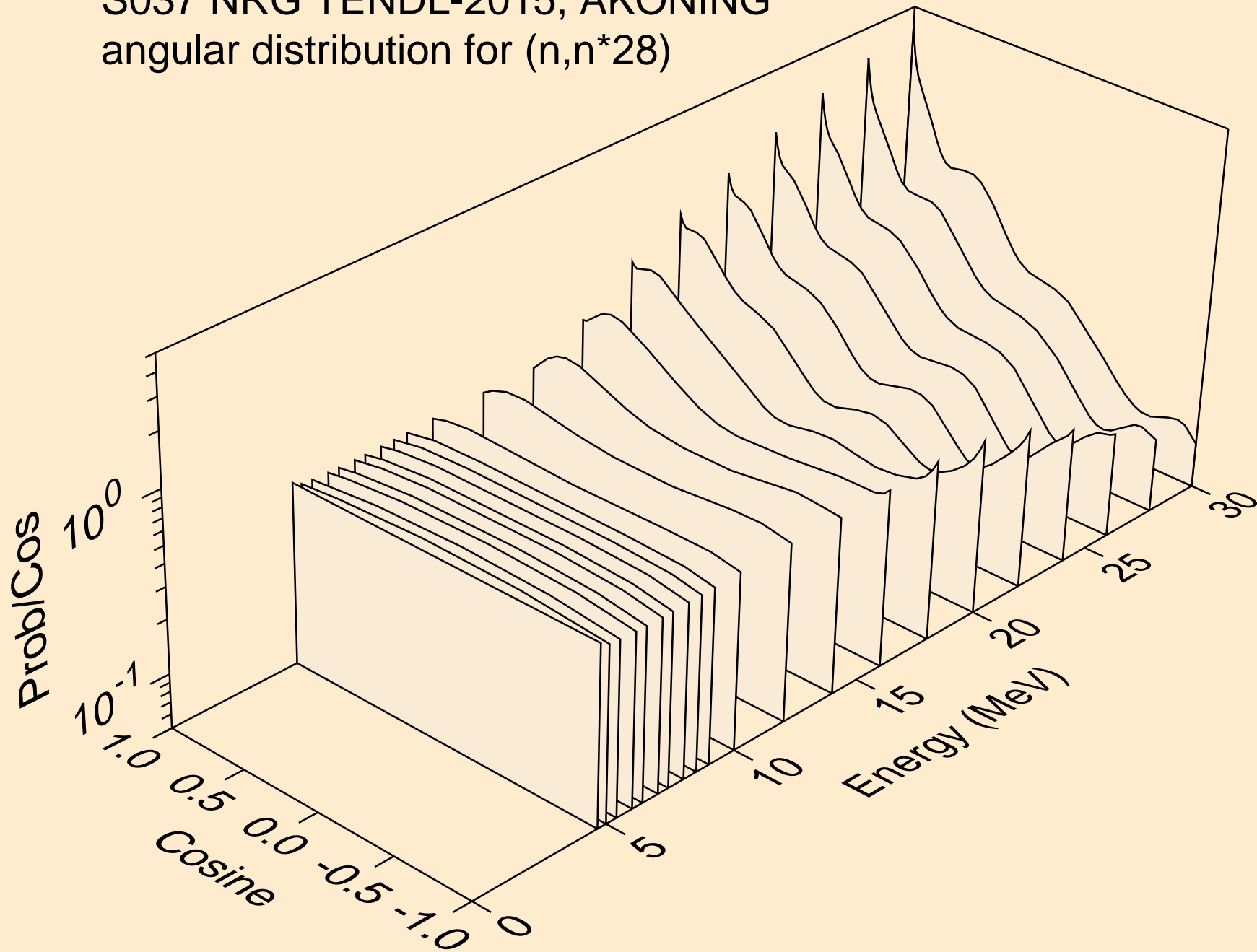
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angular distribution for (n,n\*26)



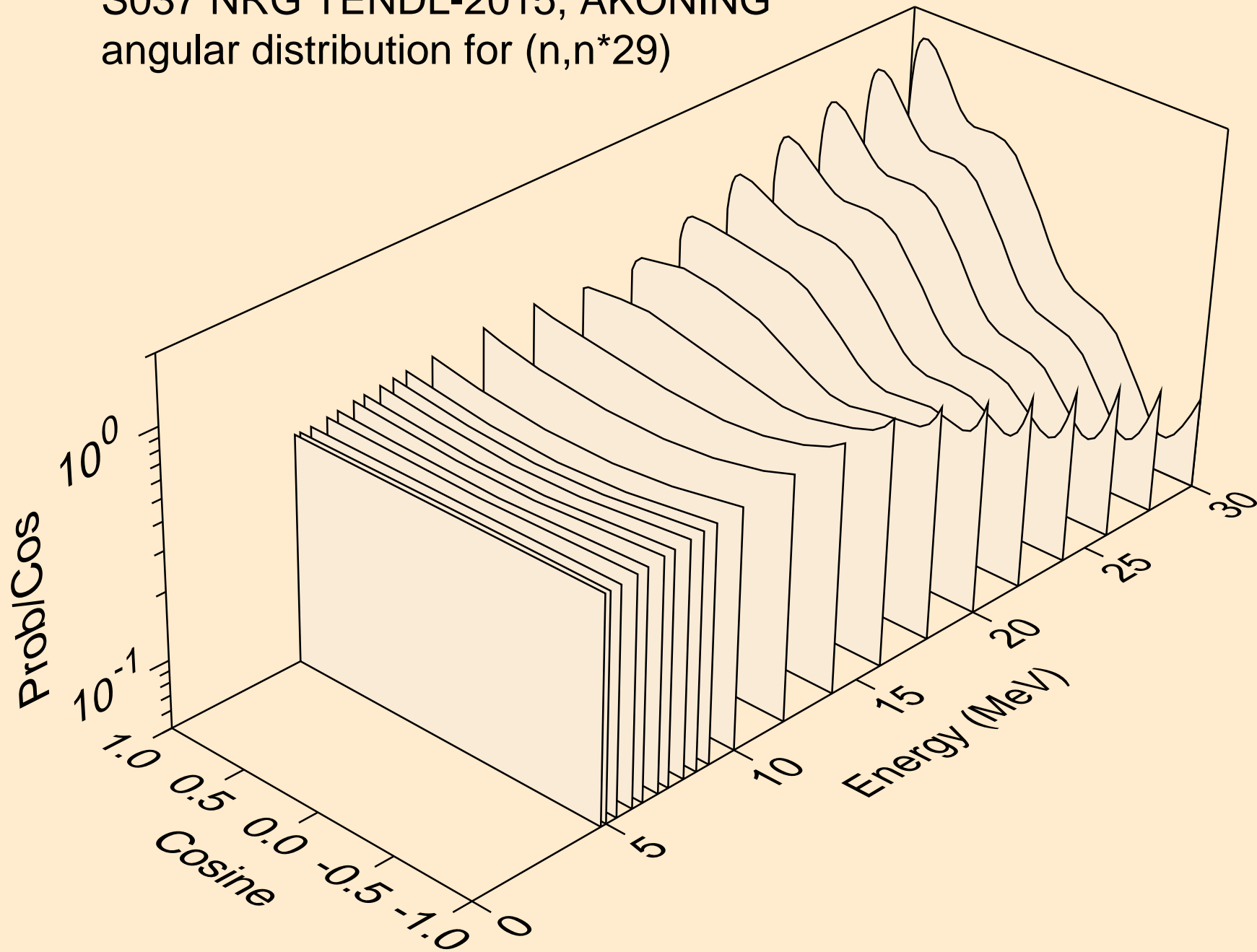
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



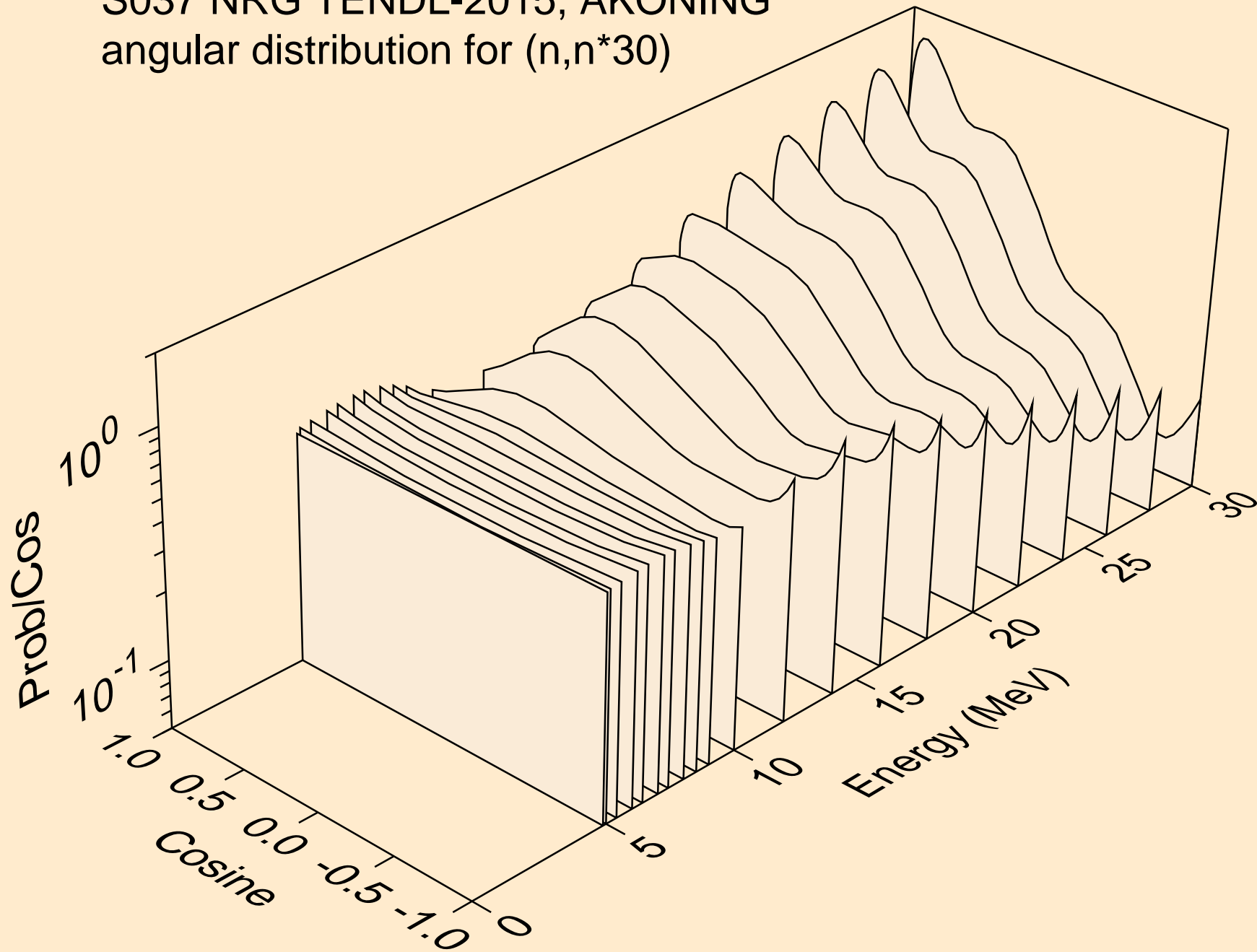
S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

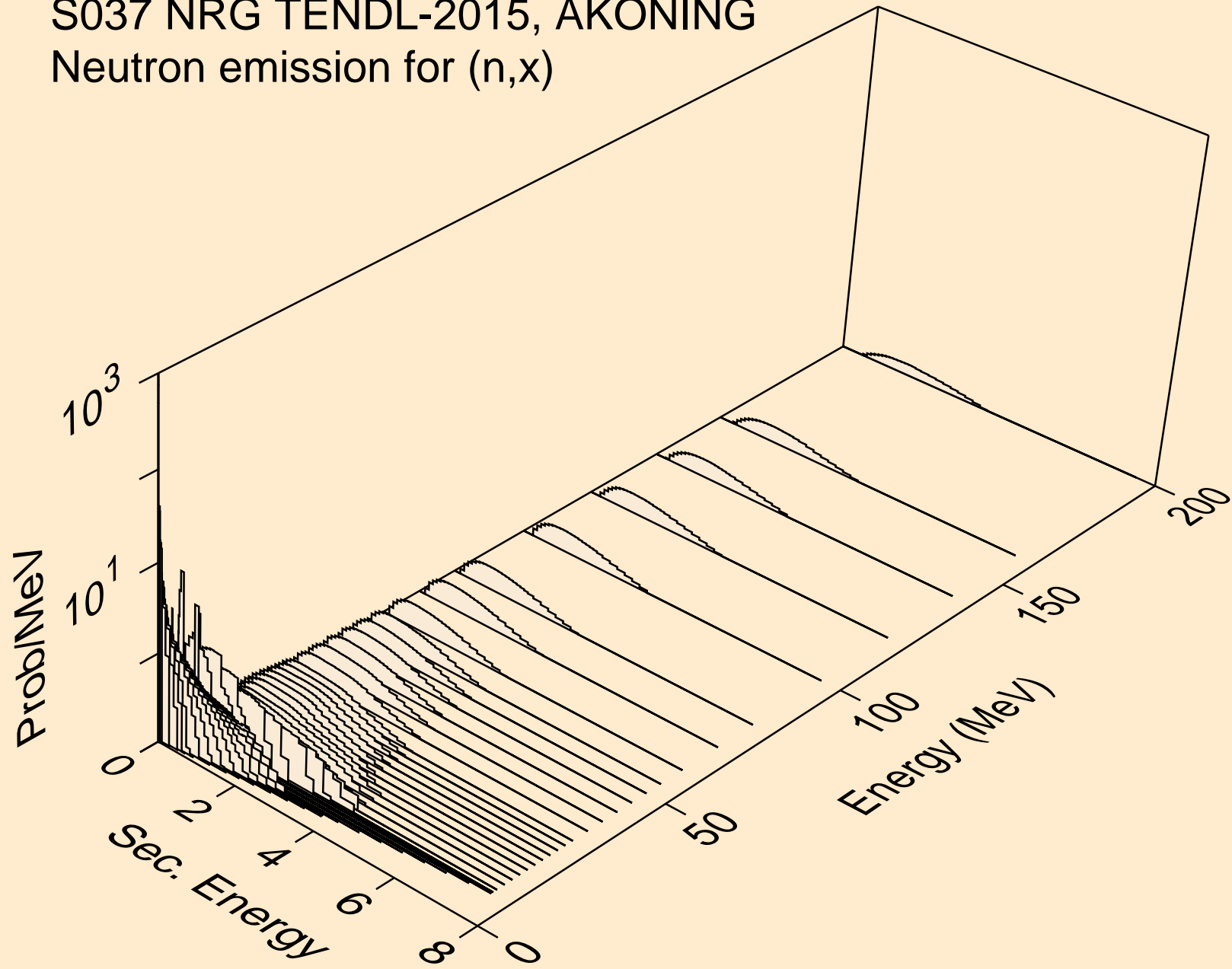


S037 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

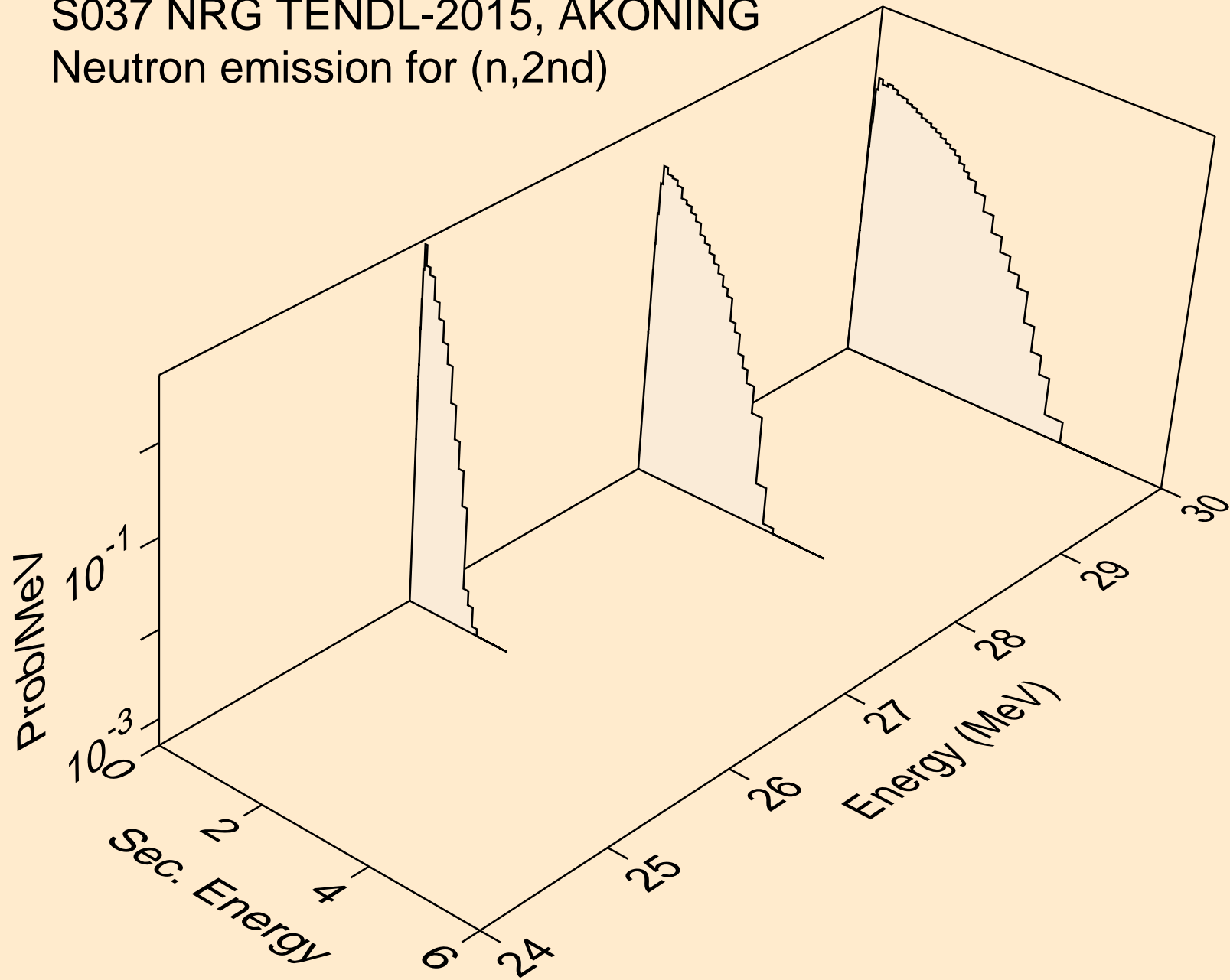




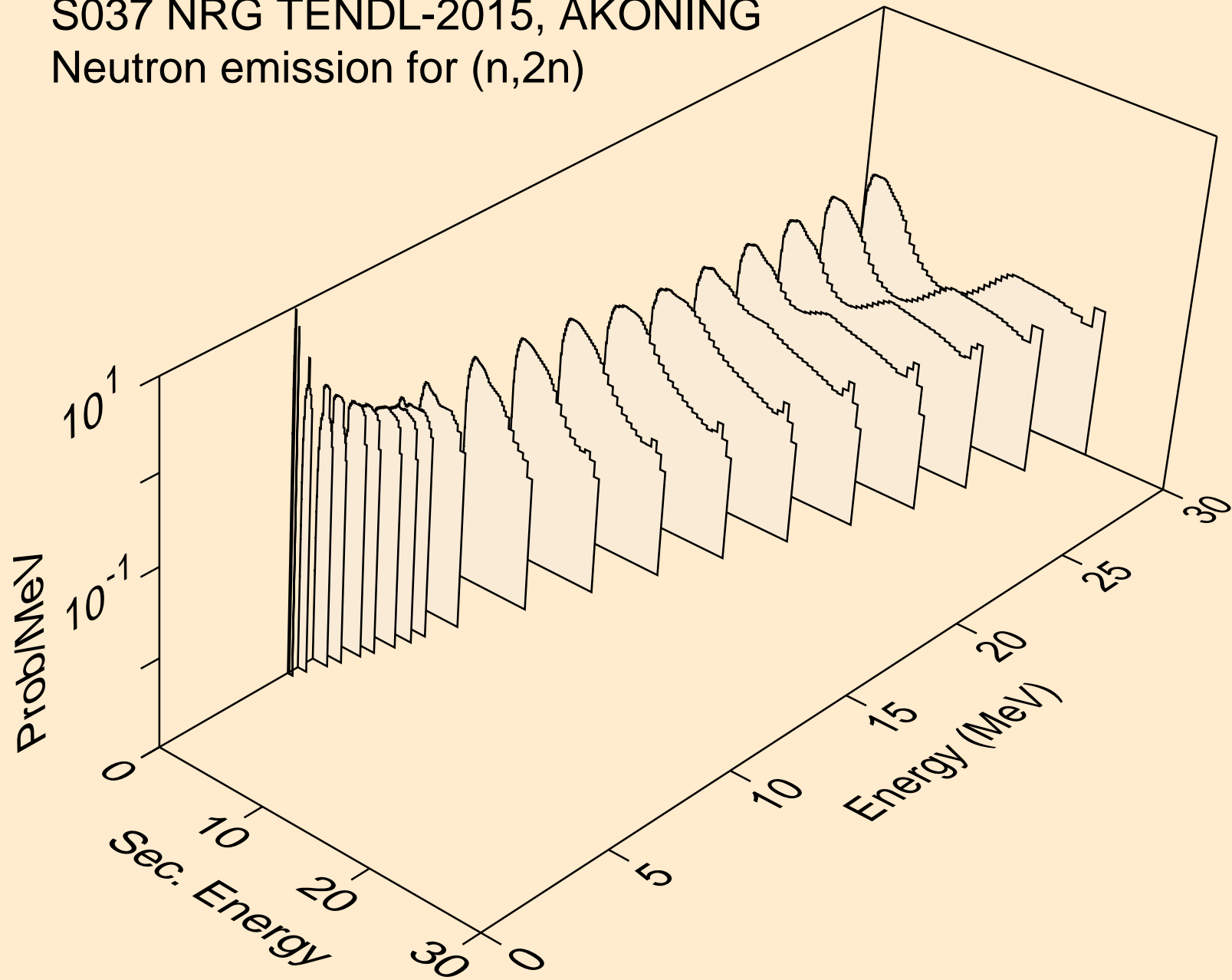
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



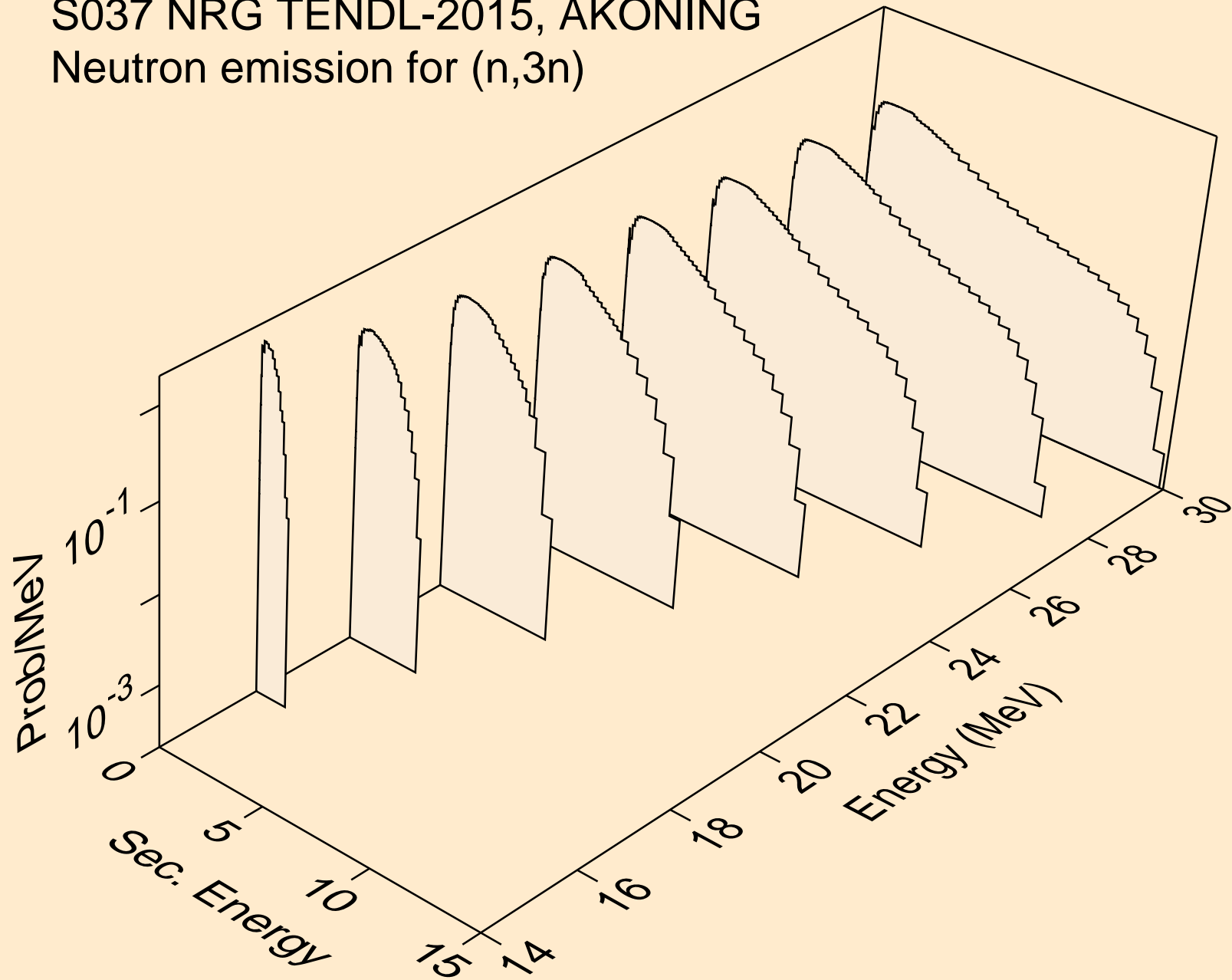
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



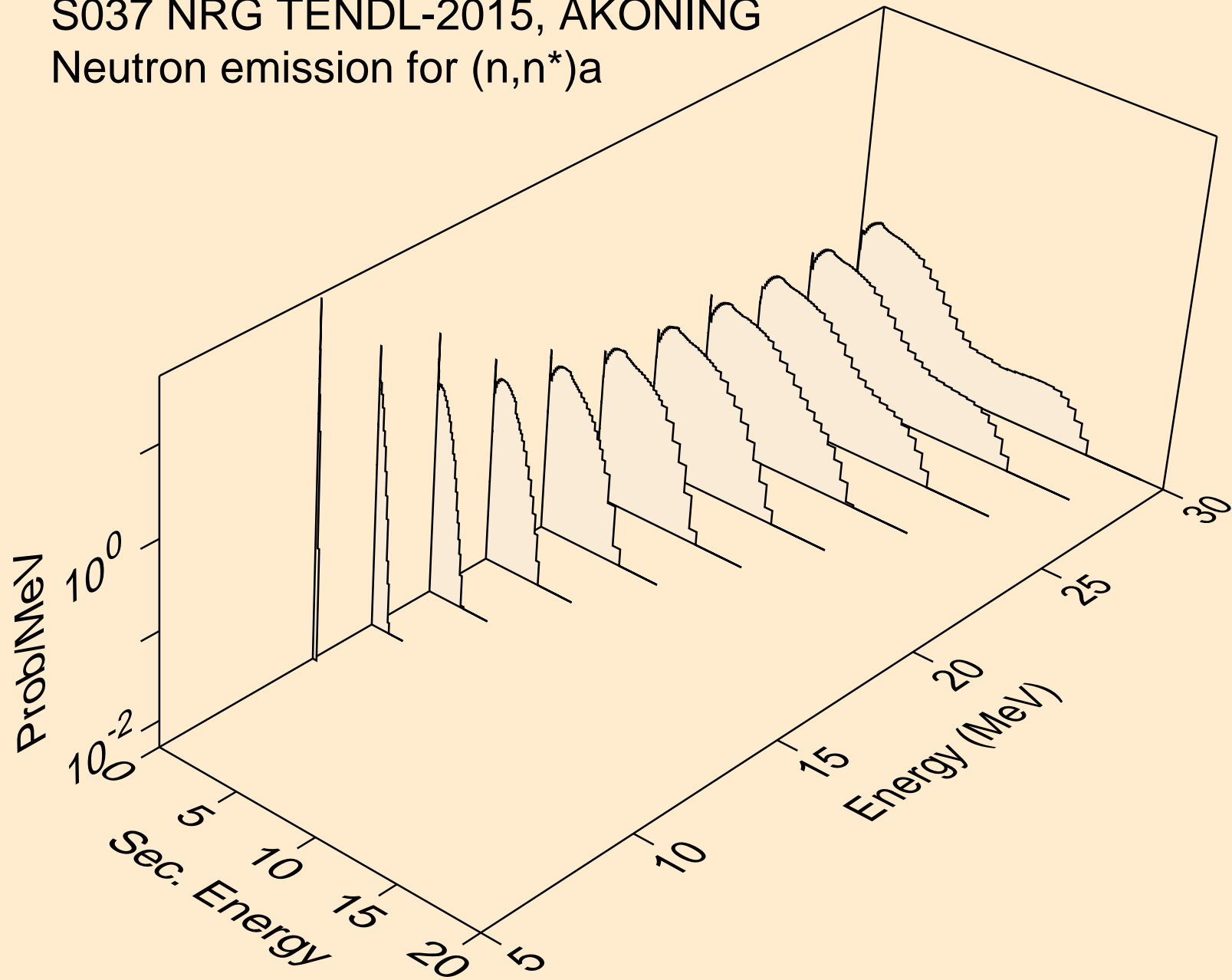
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



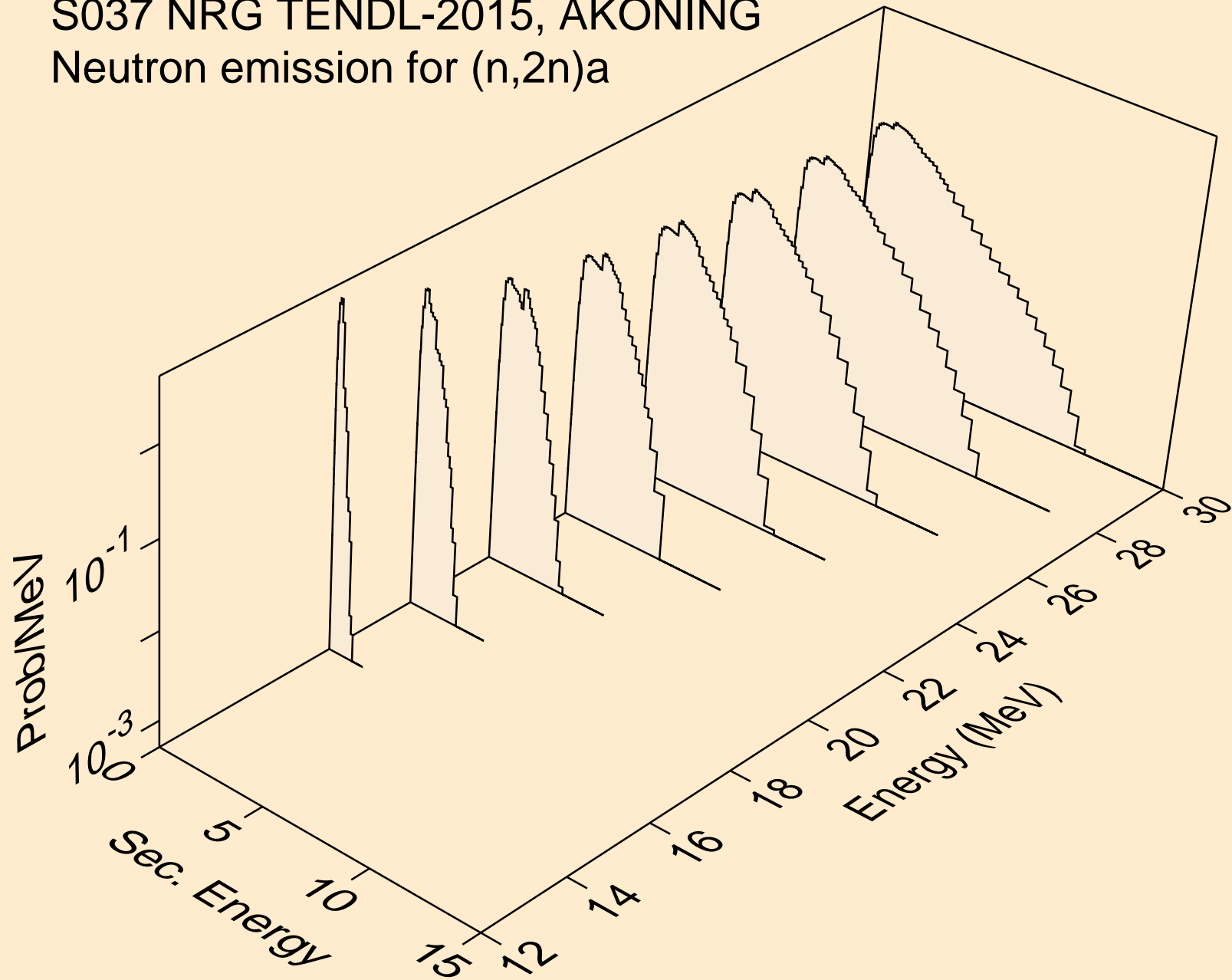
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



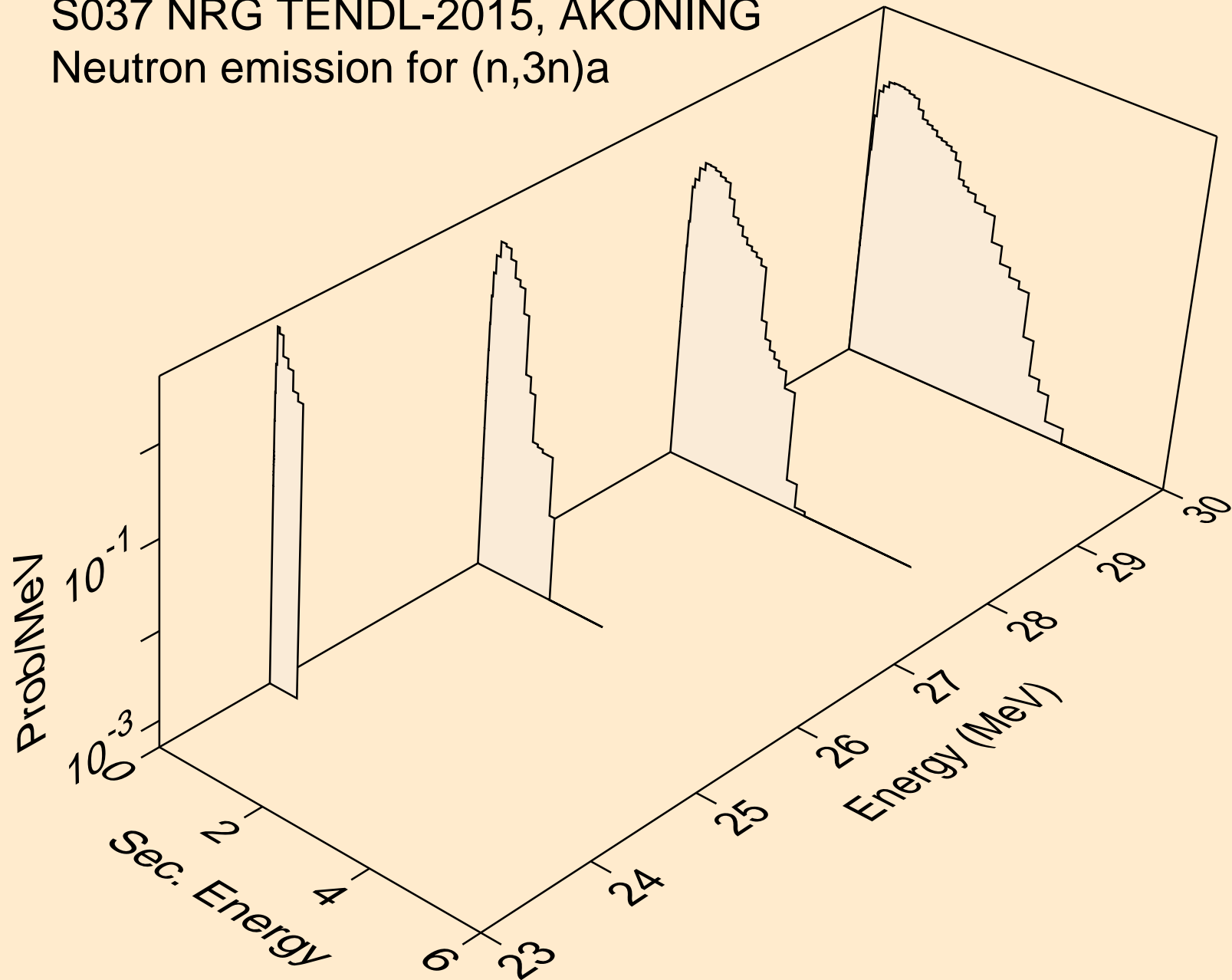
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



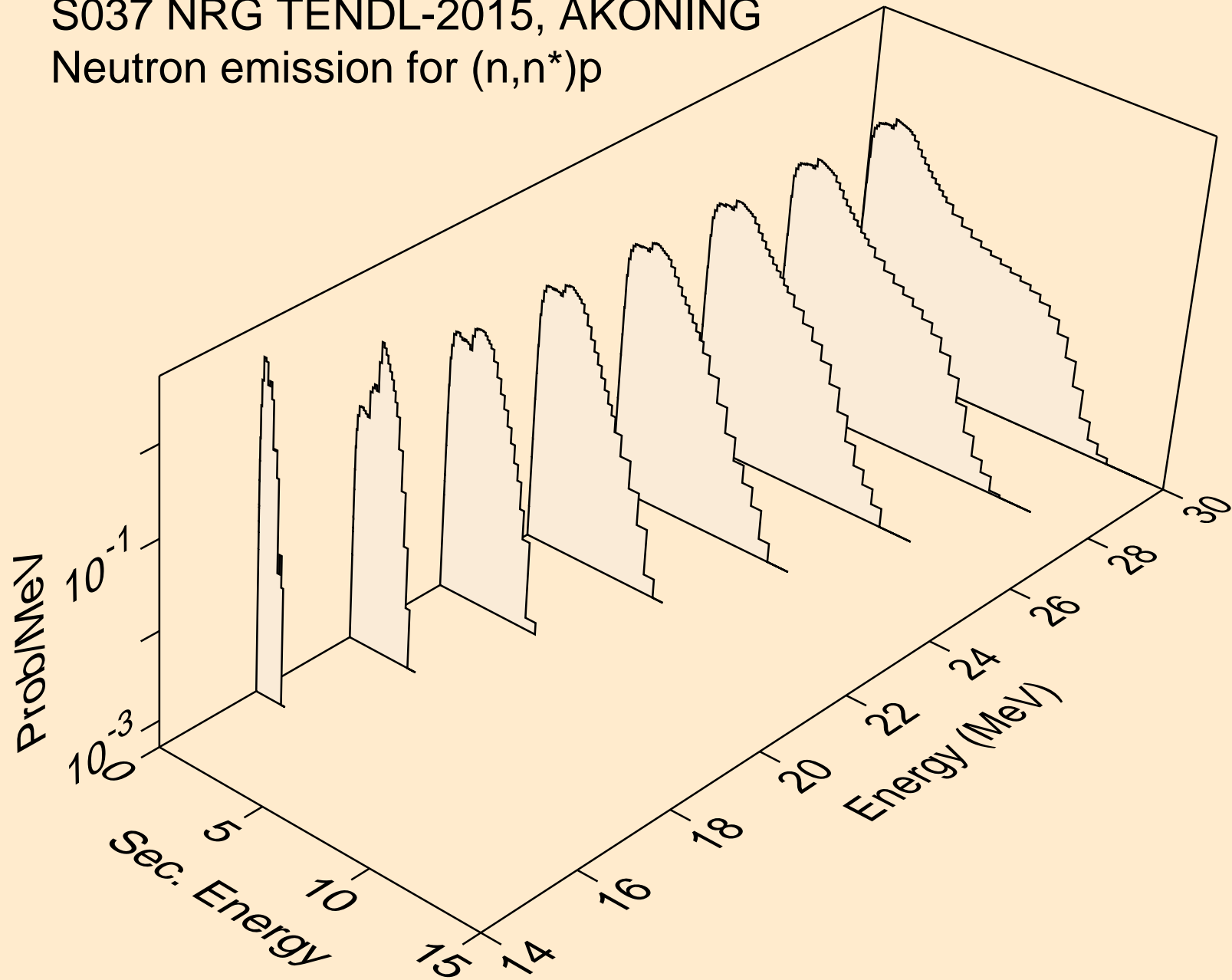
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

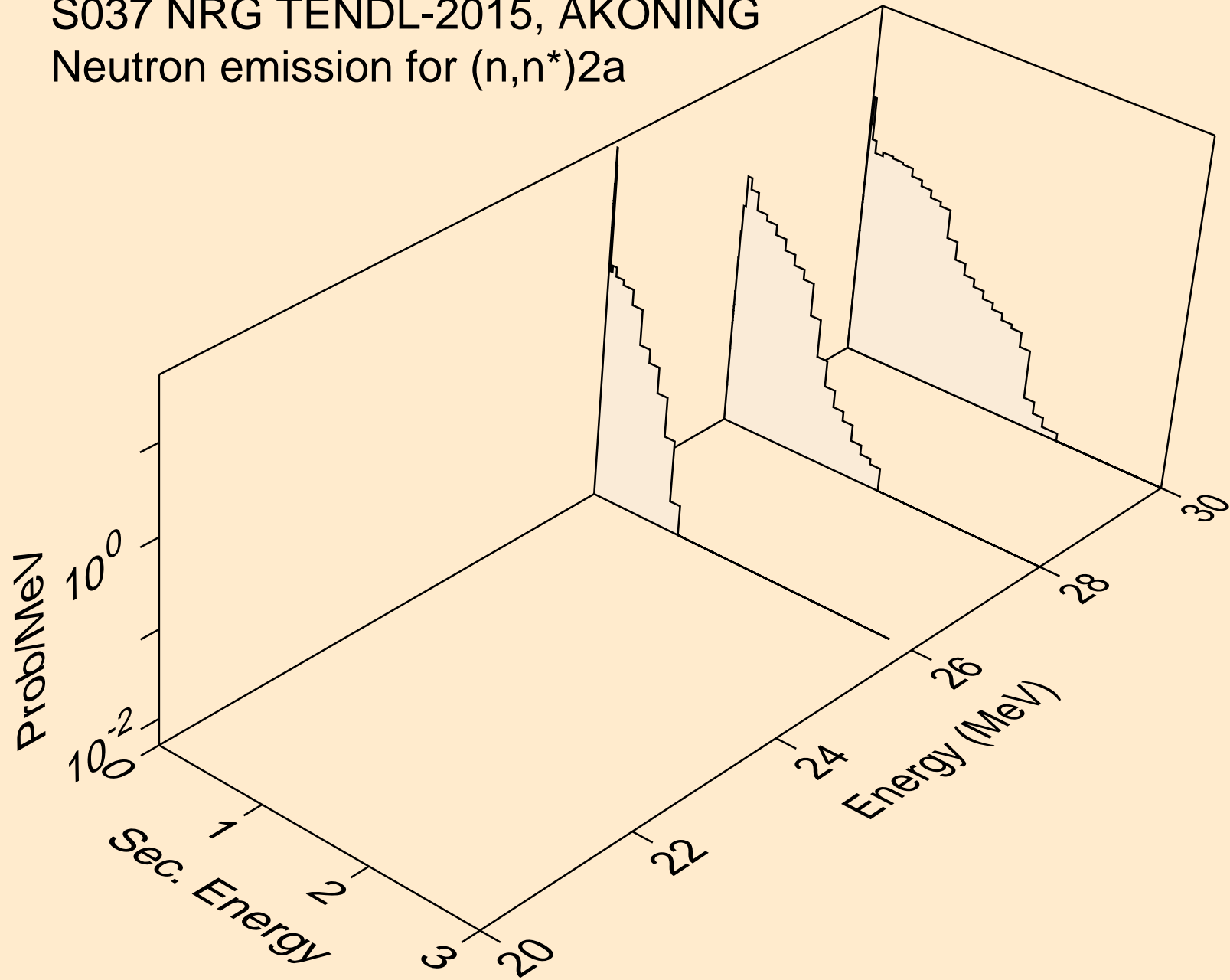


S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

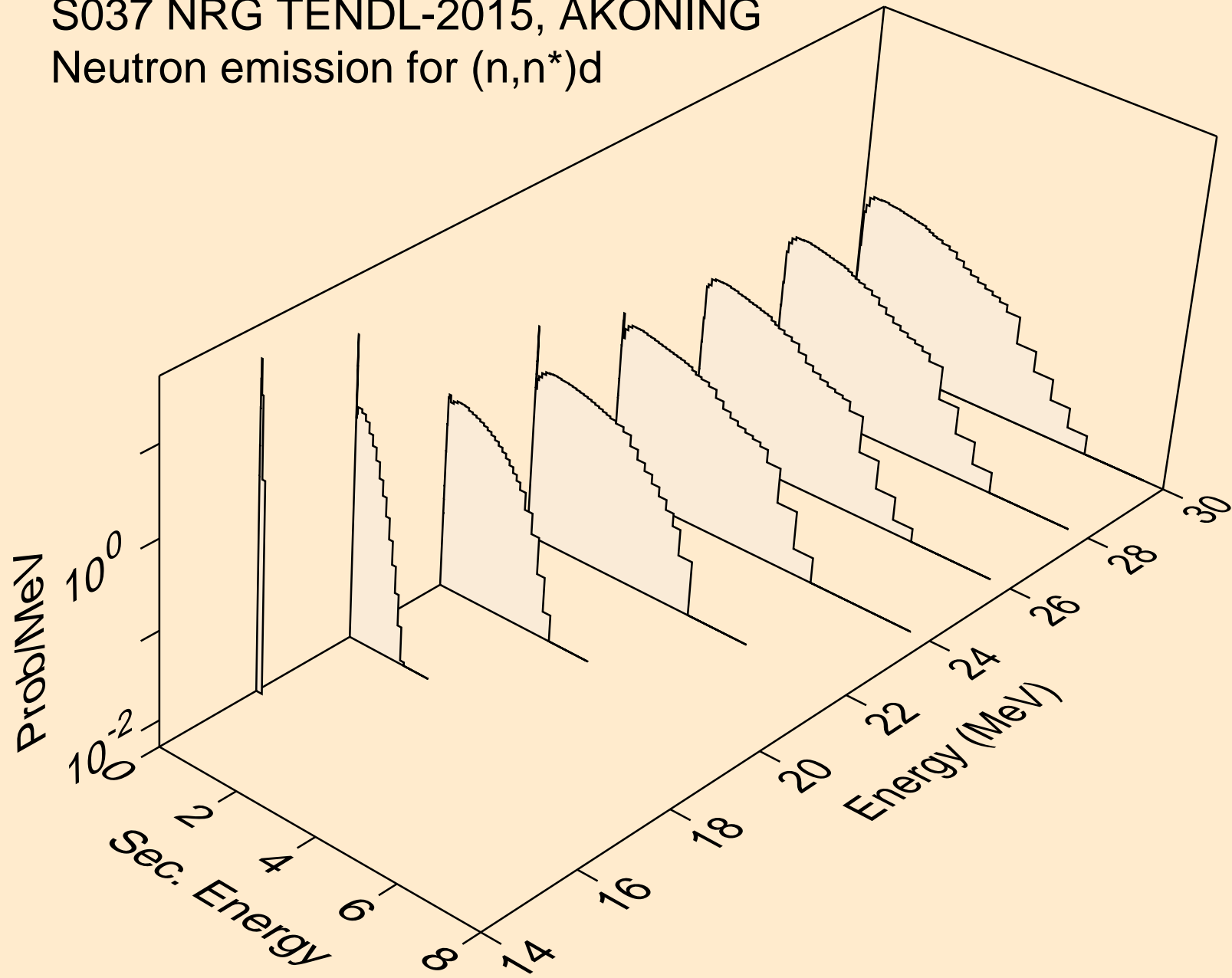




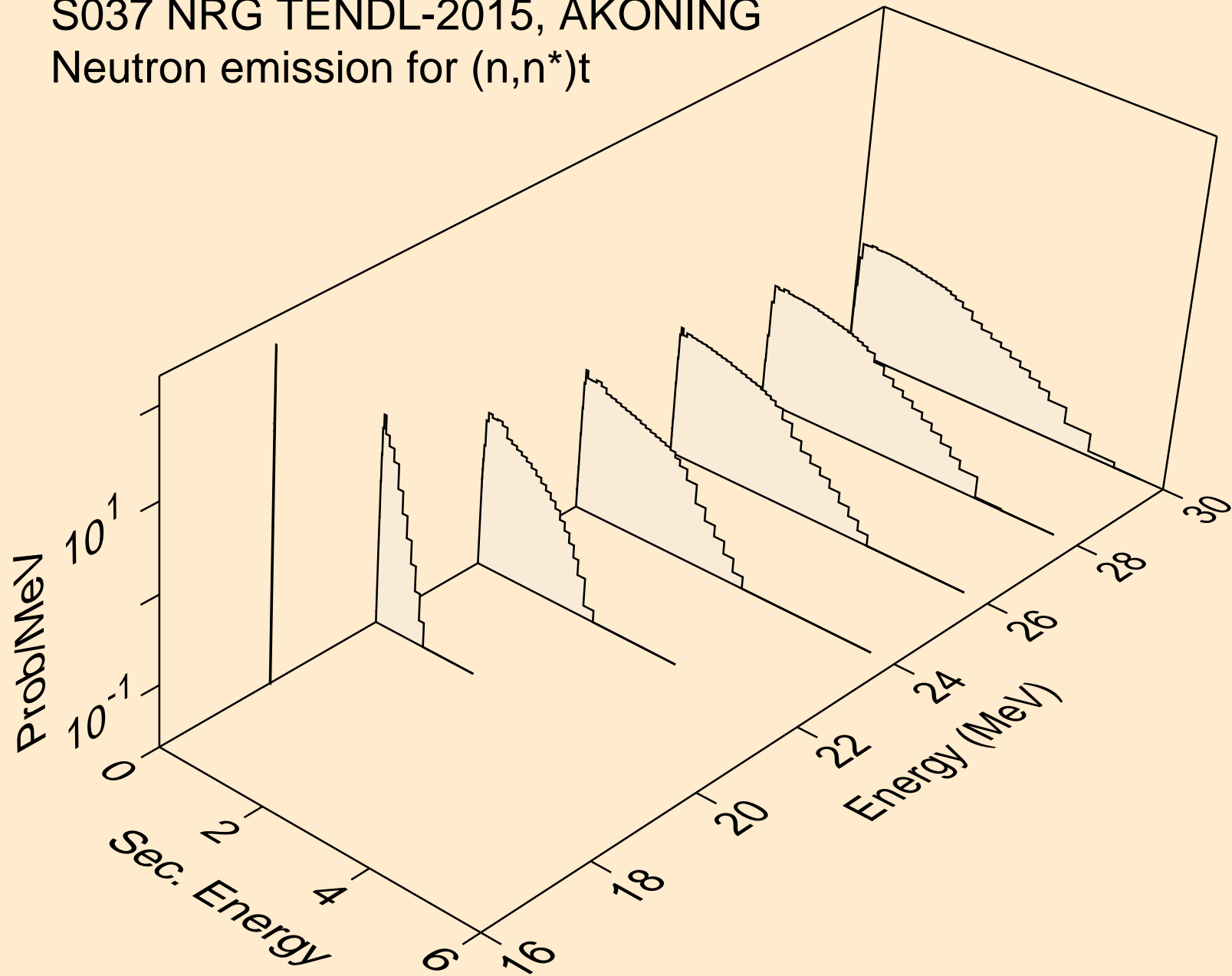
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



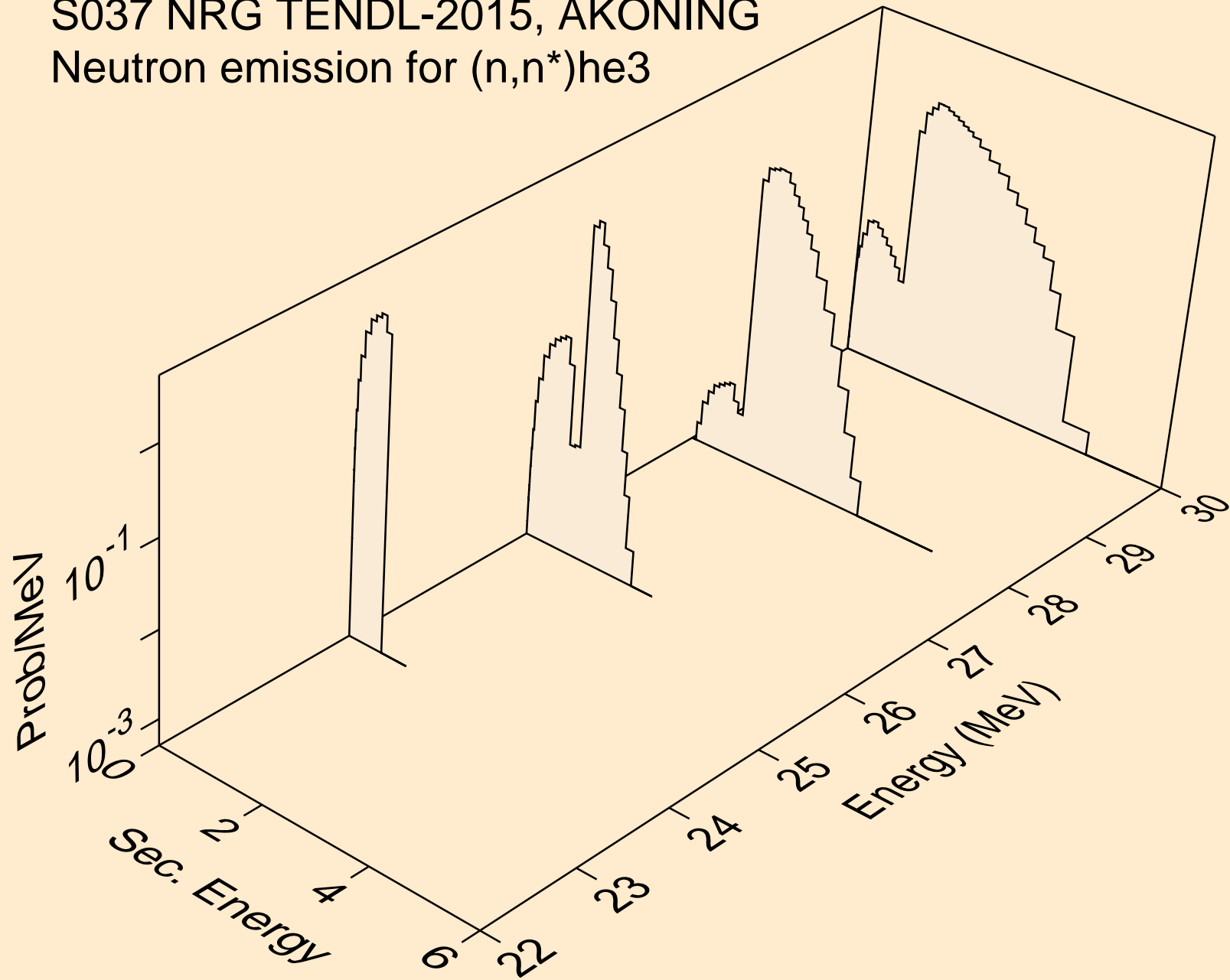
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



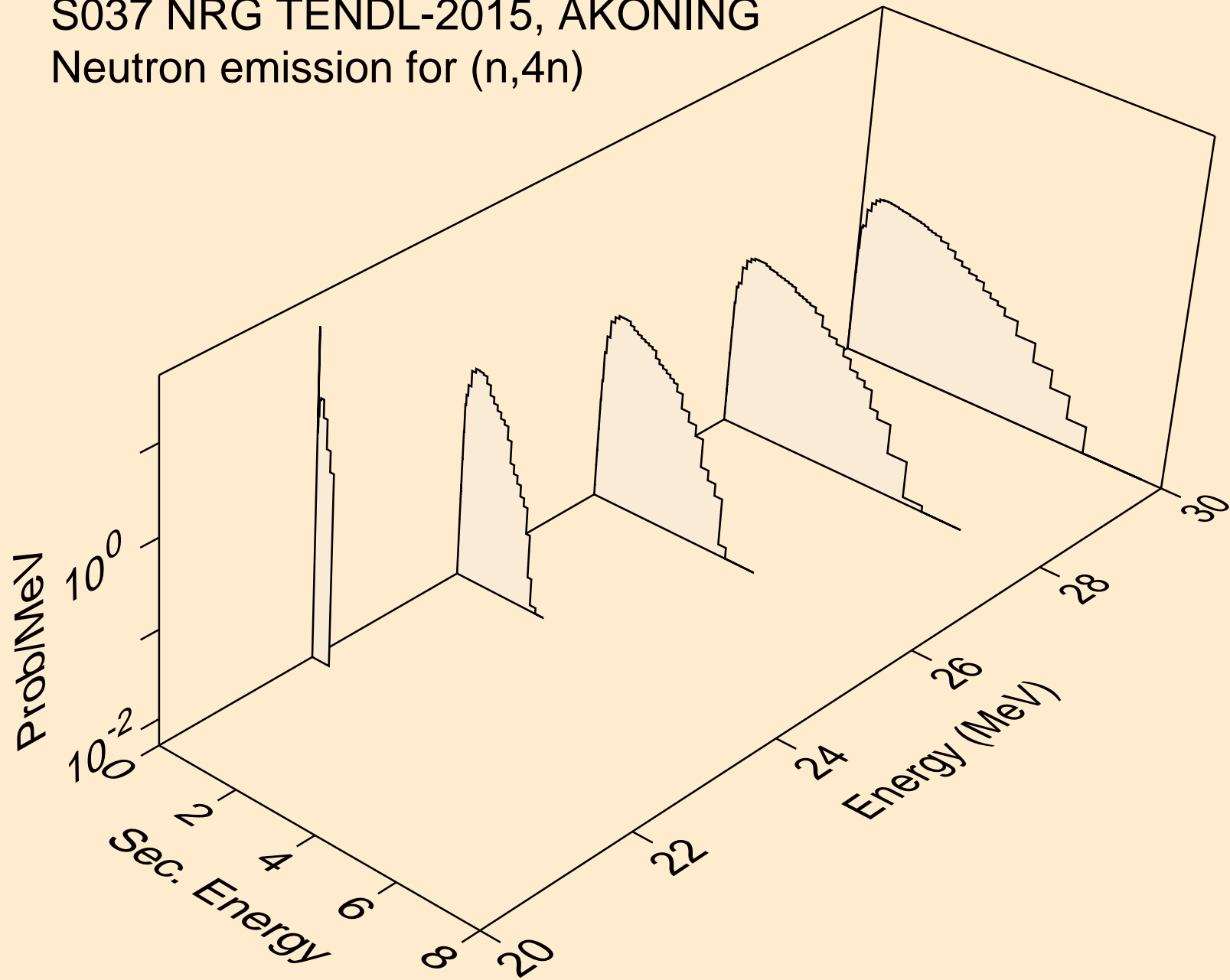
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



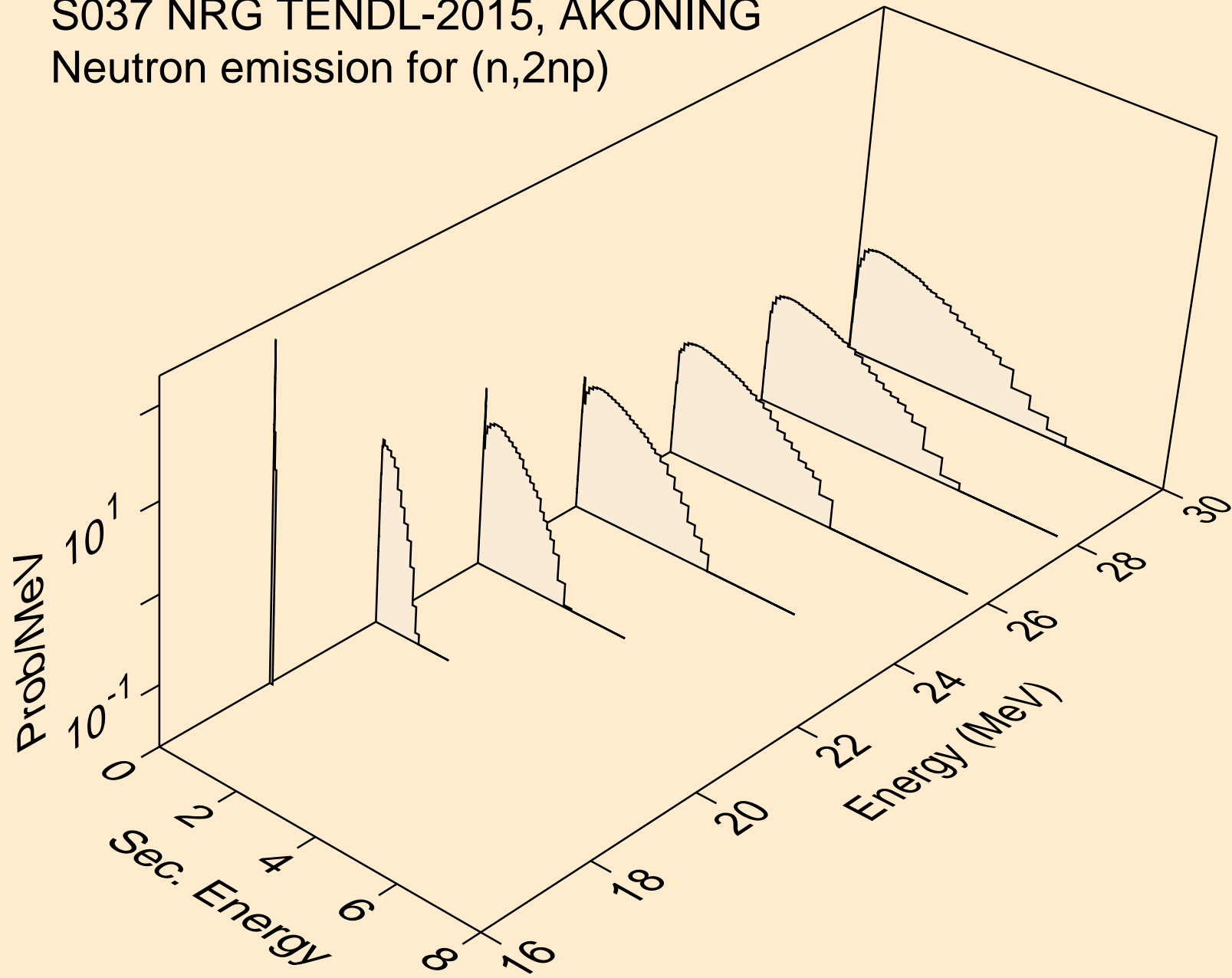
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



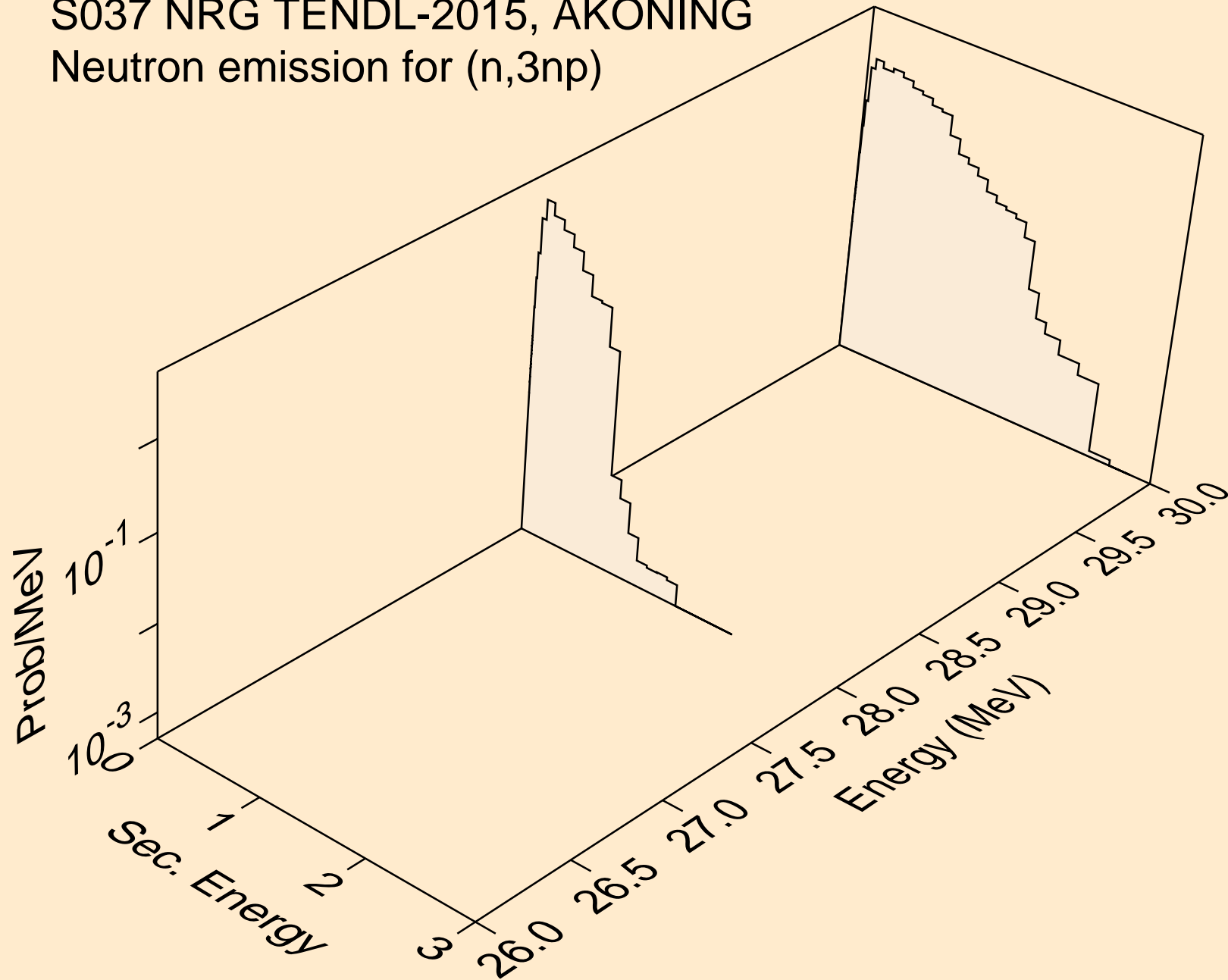
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



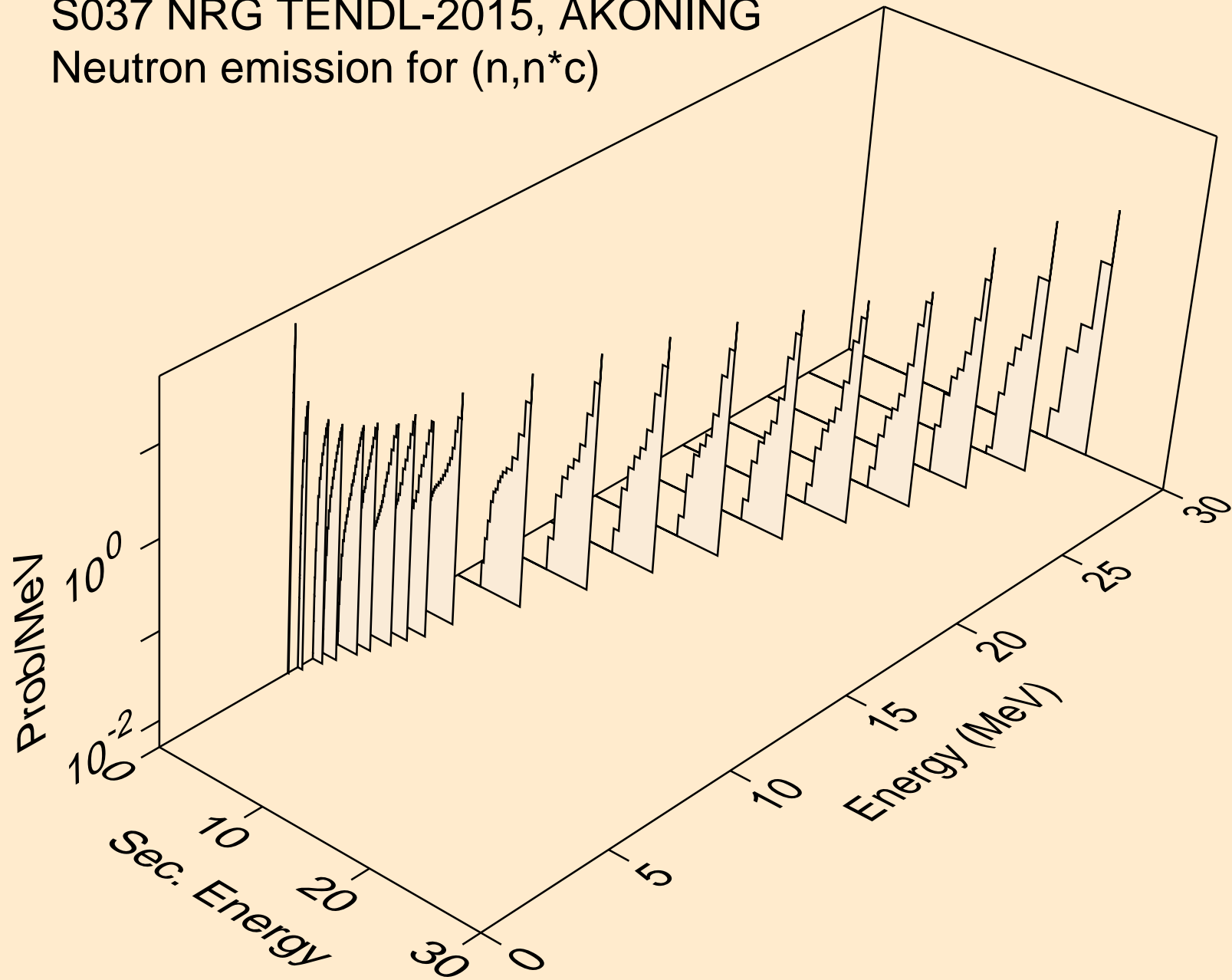
S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

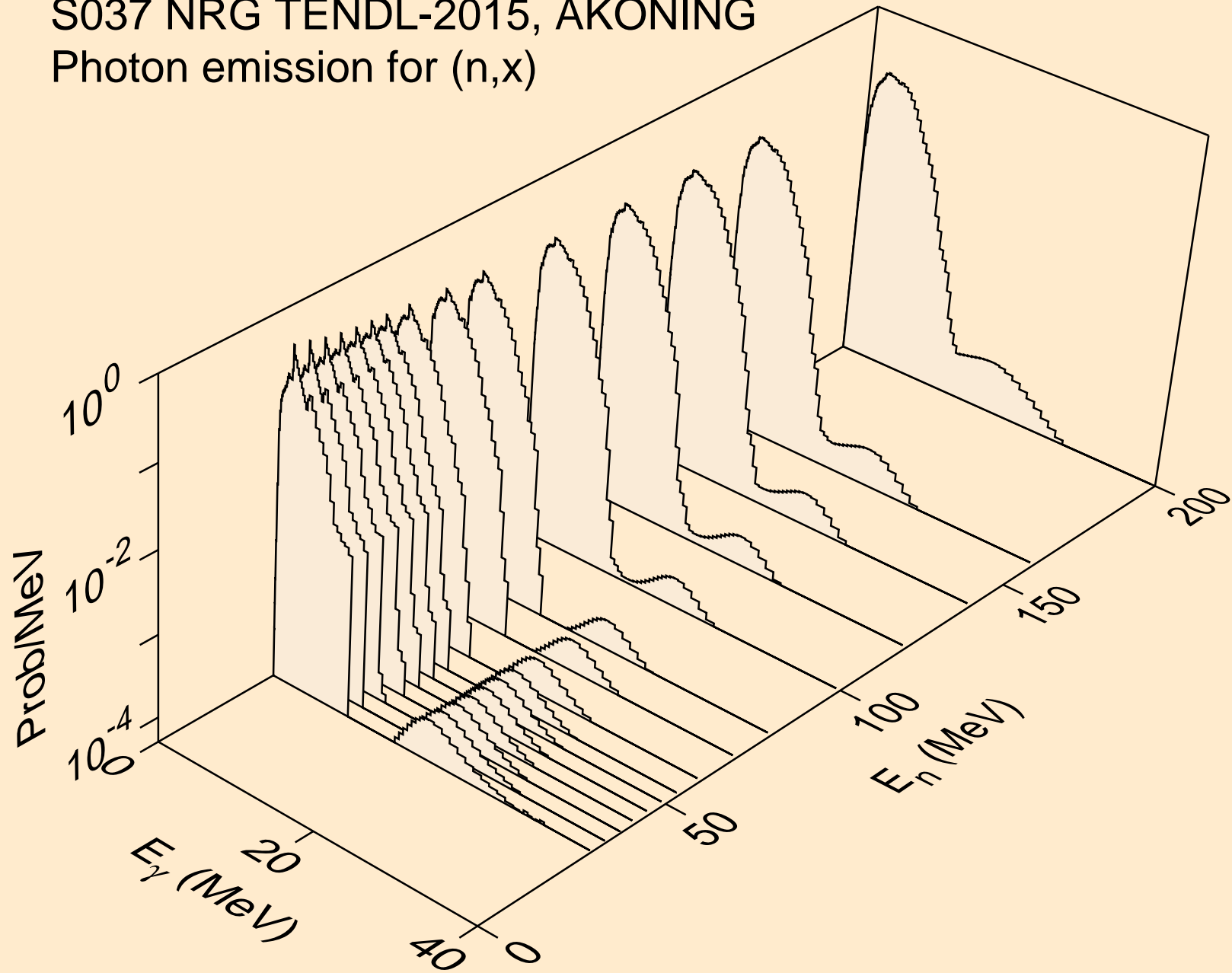


S037 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

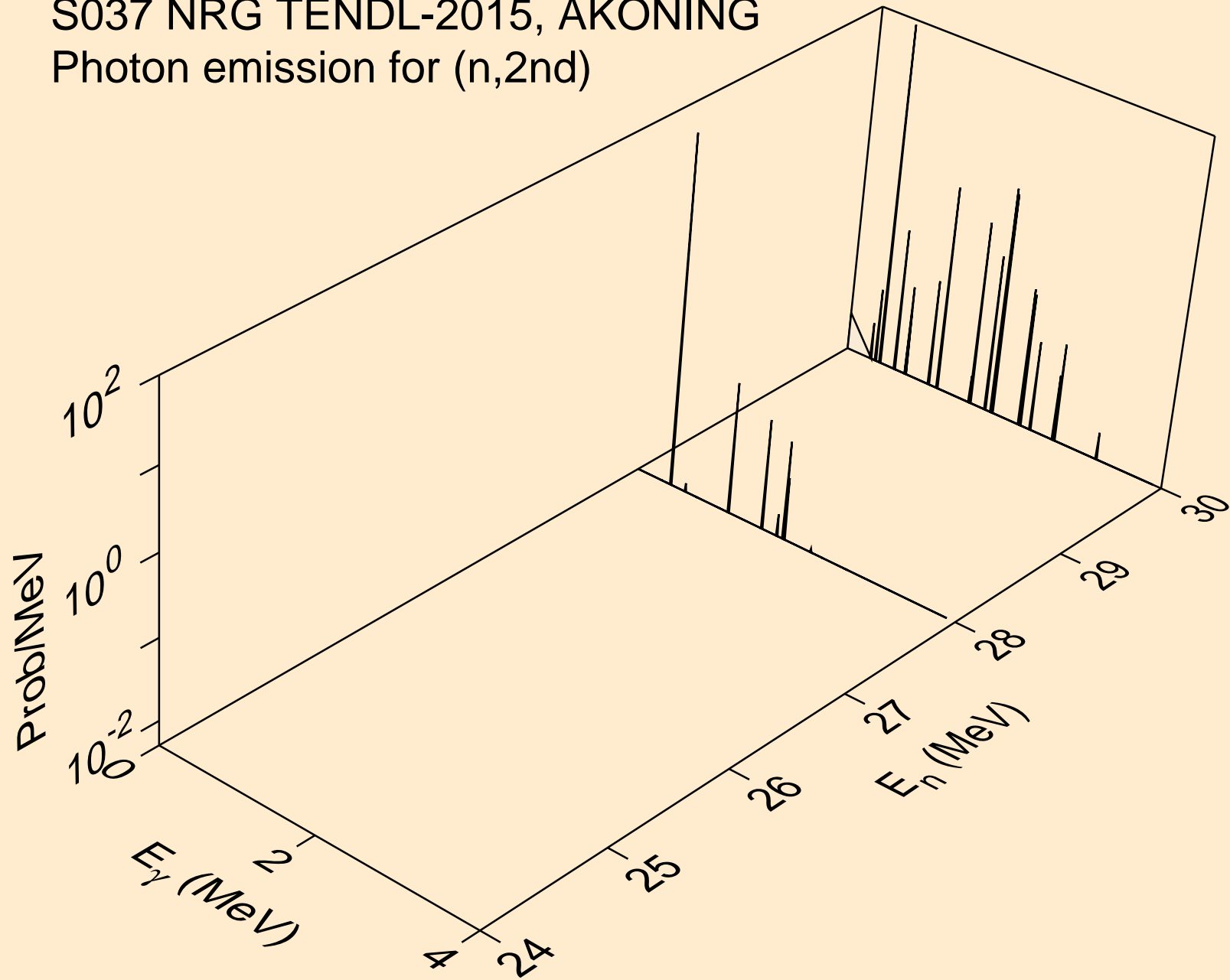




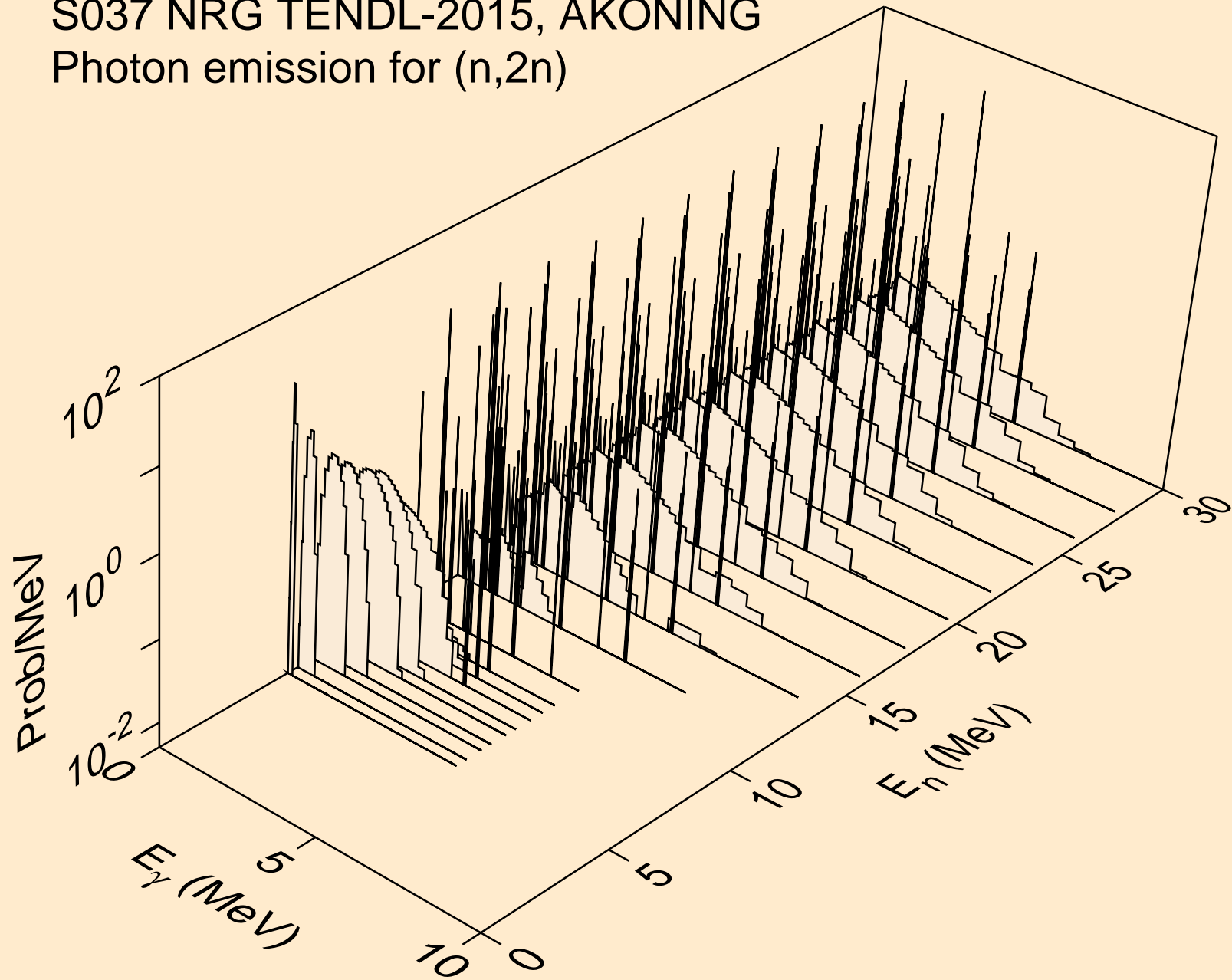
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



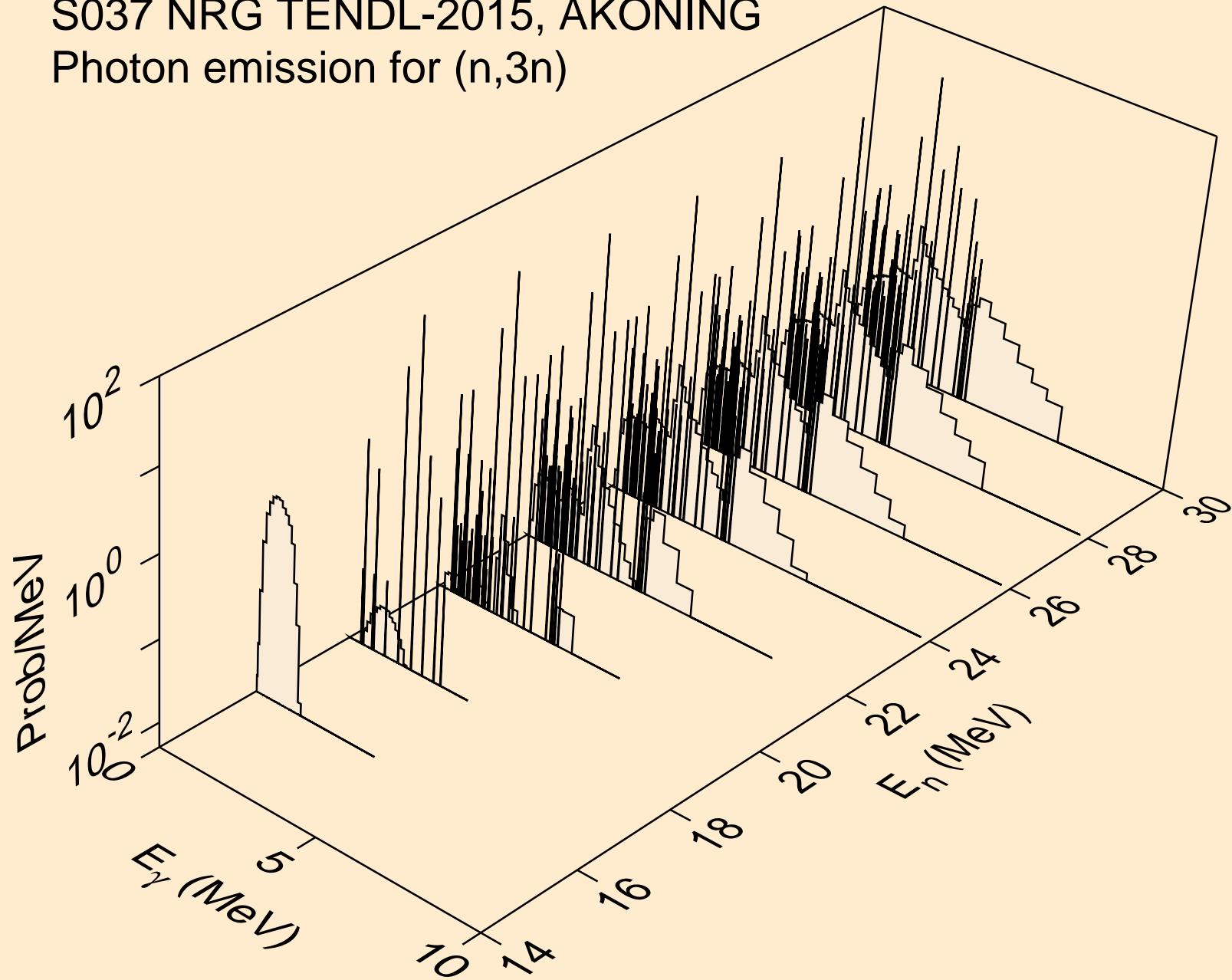
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



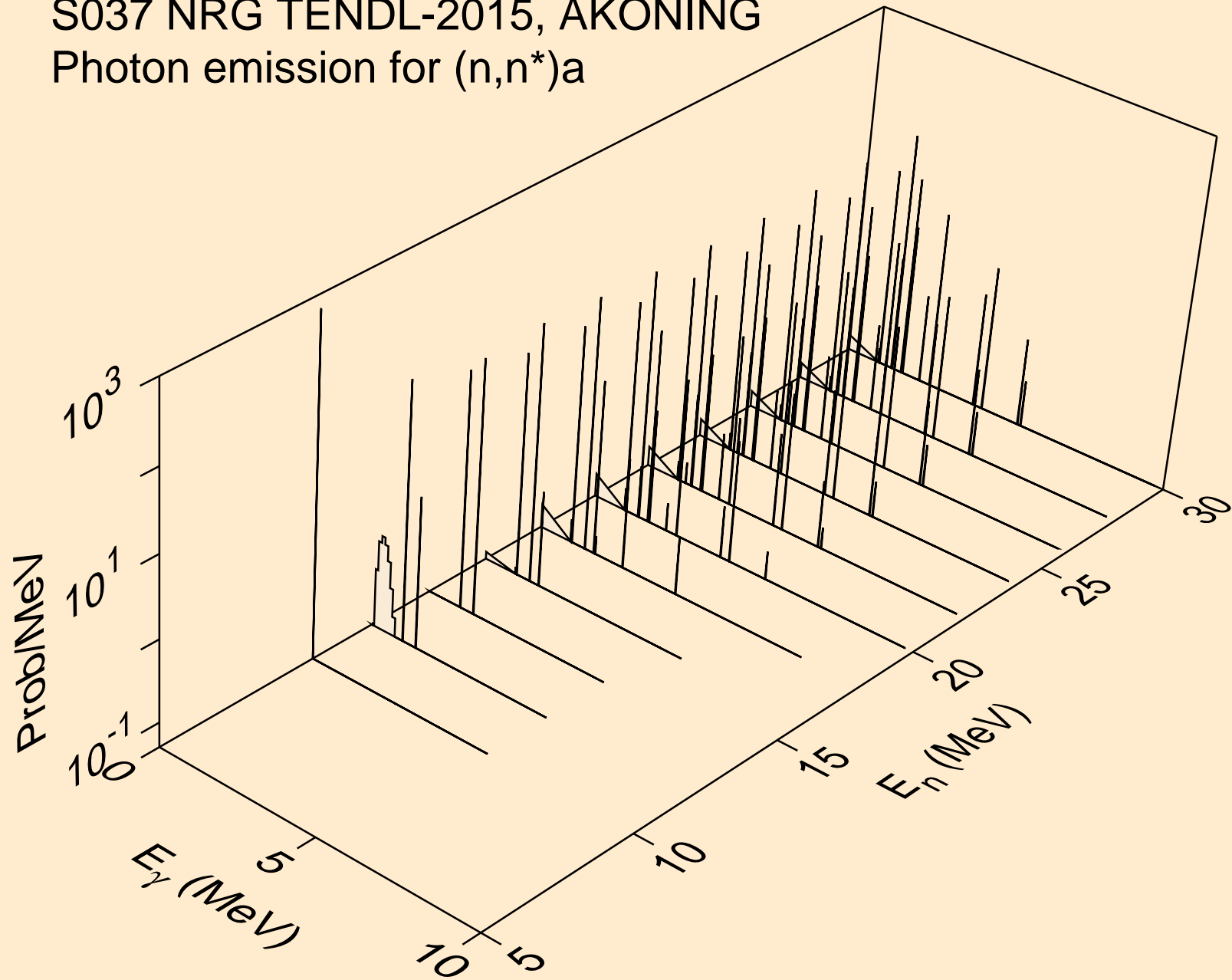
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



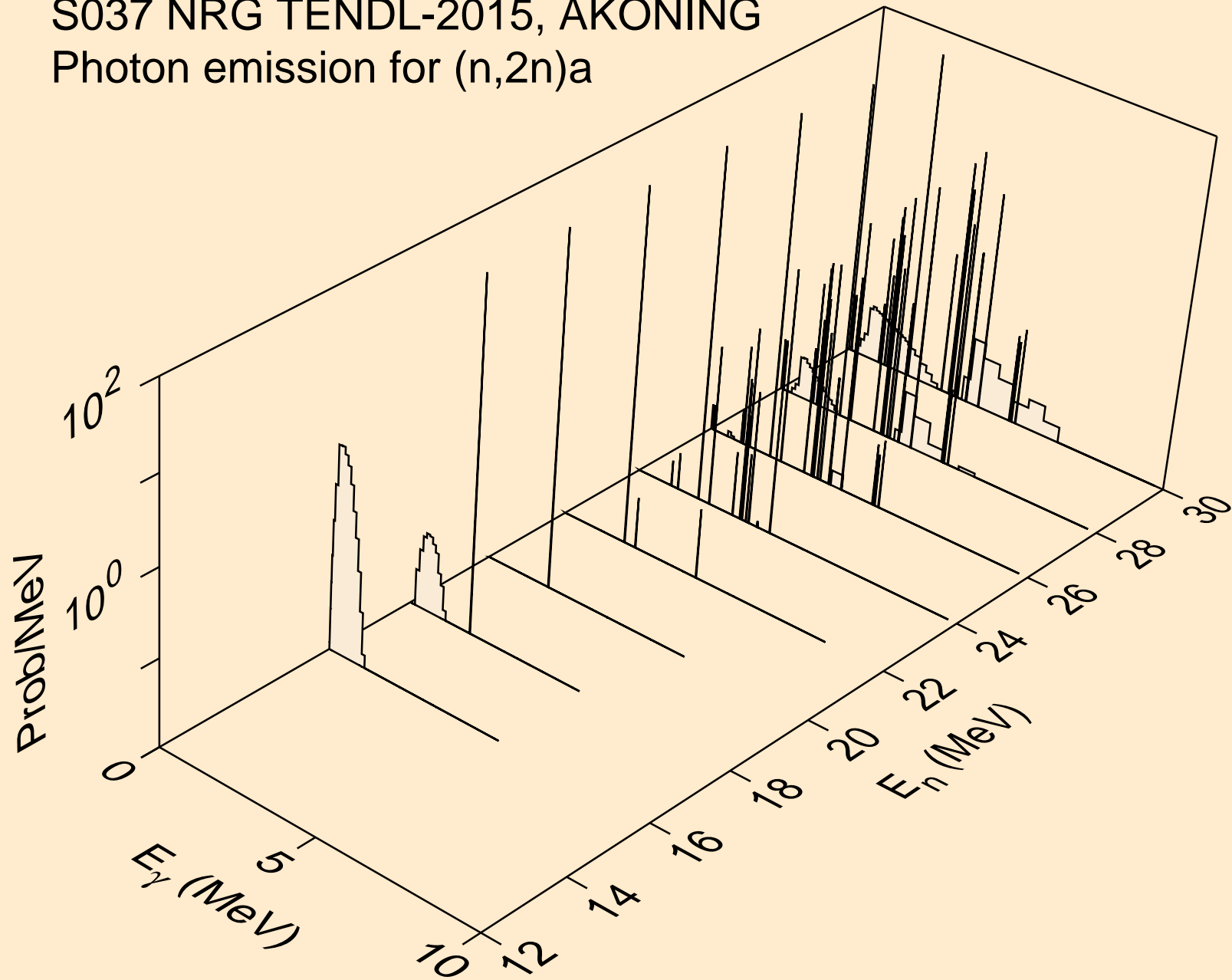
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



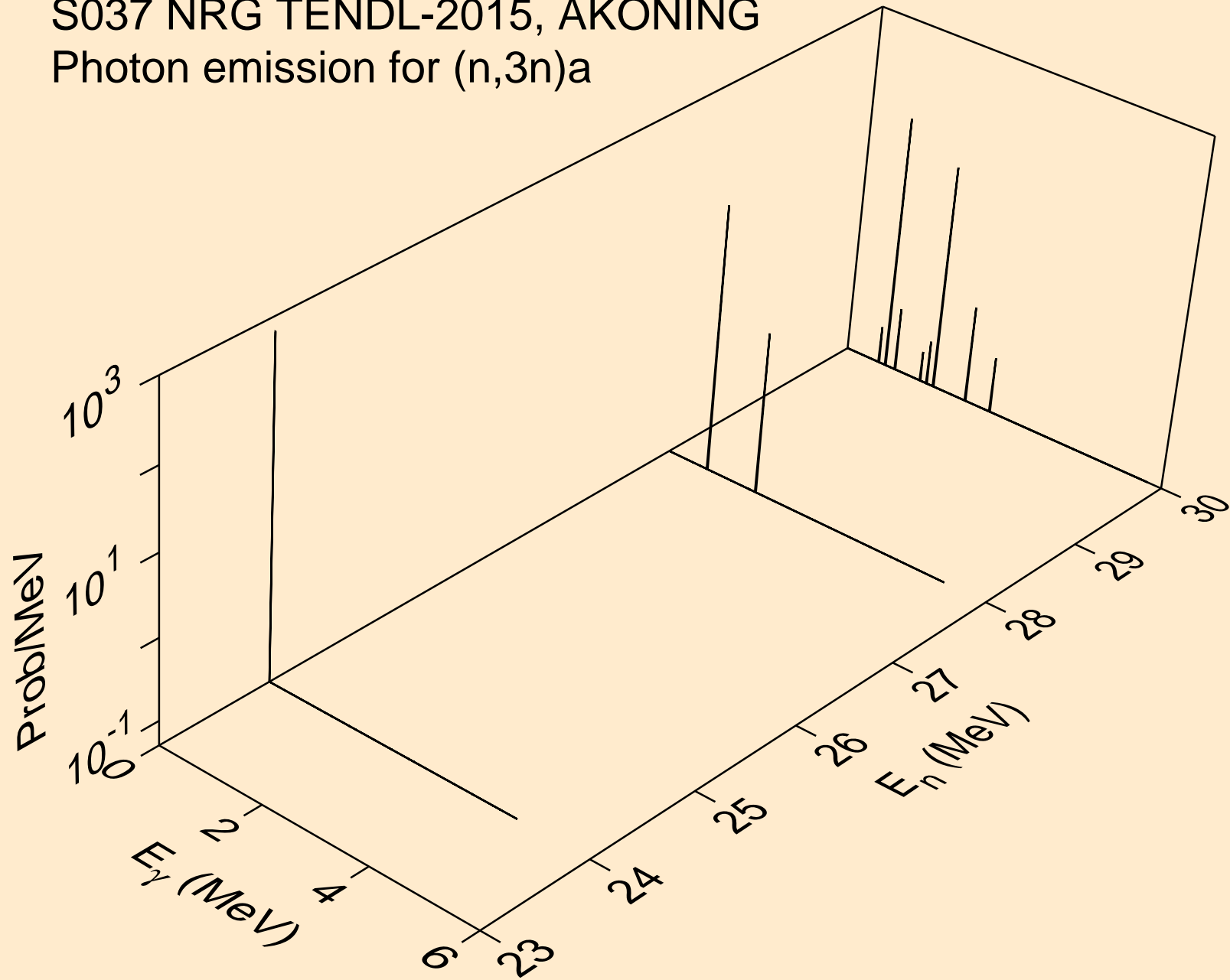
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



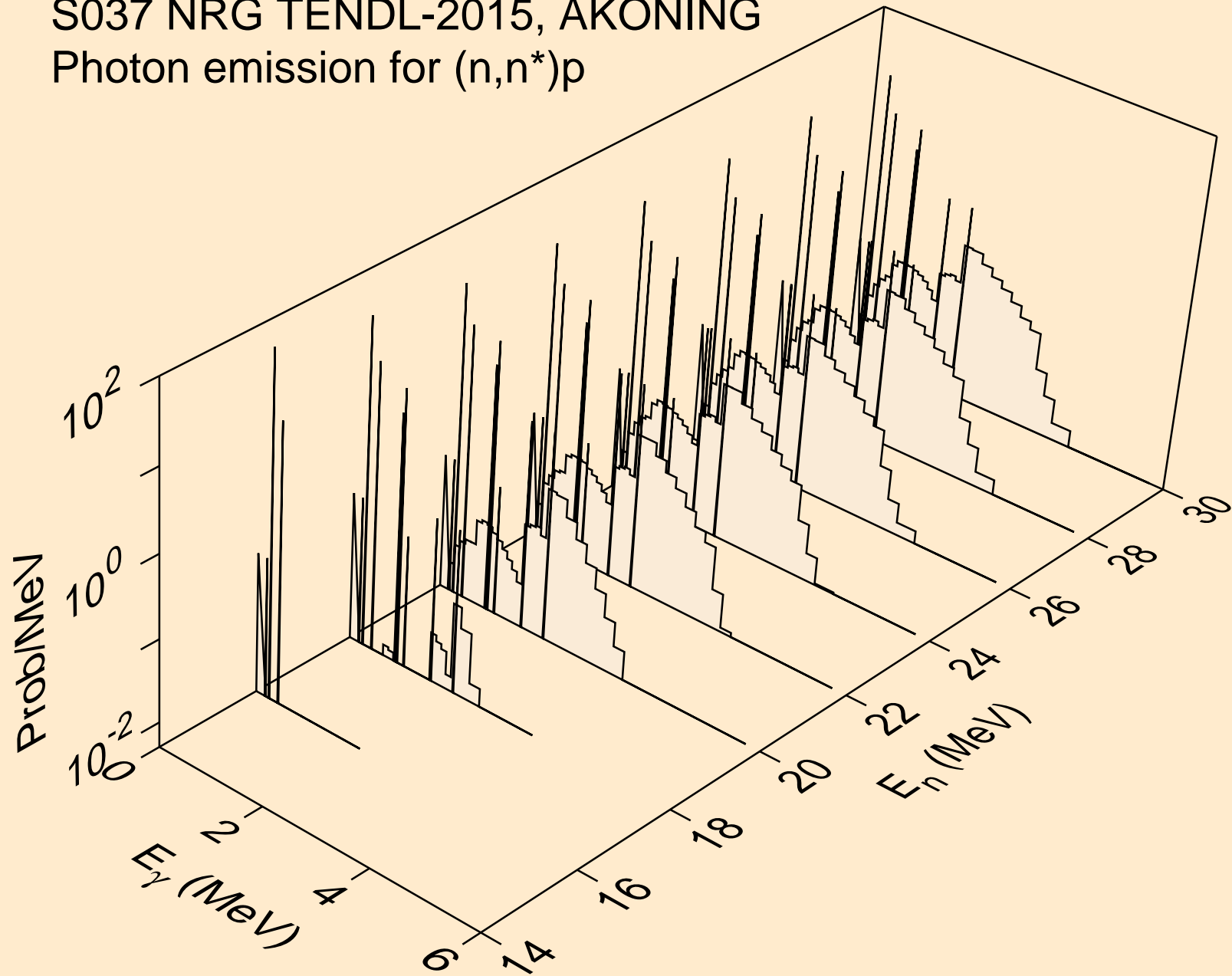
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



S037 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

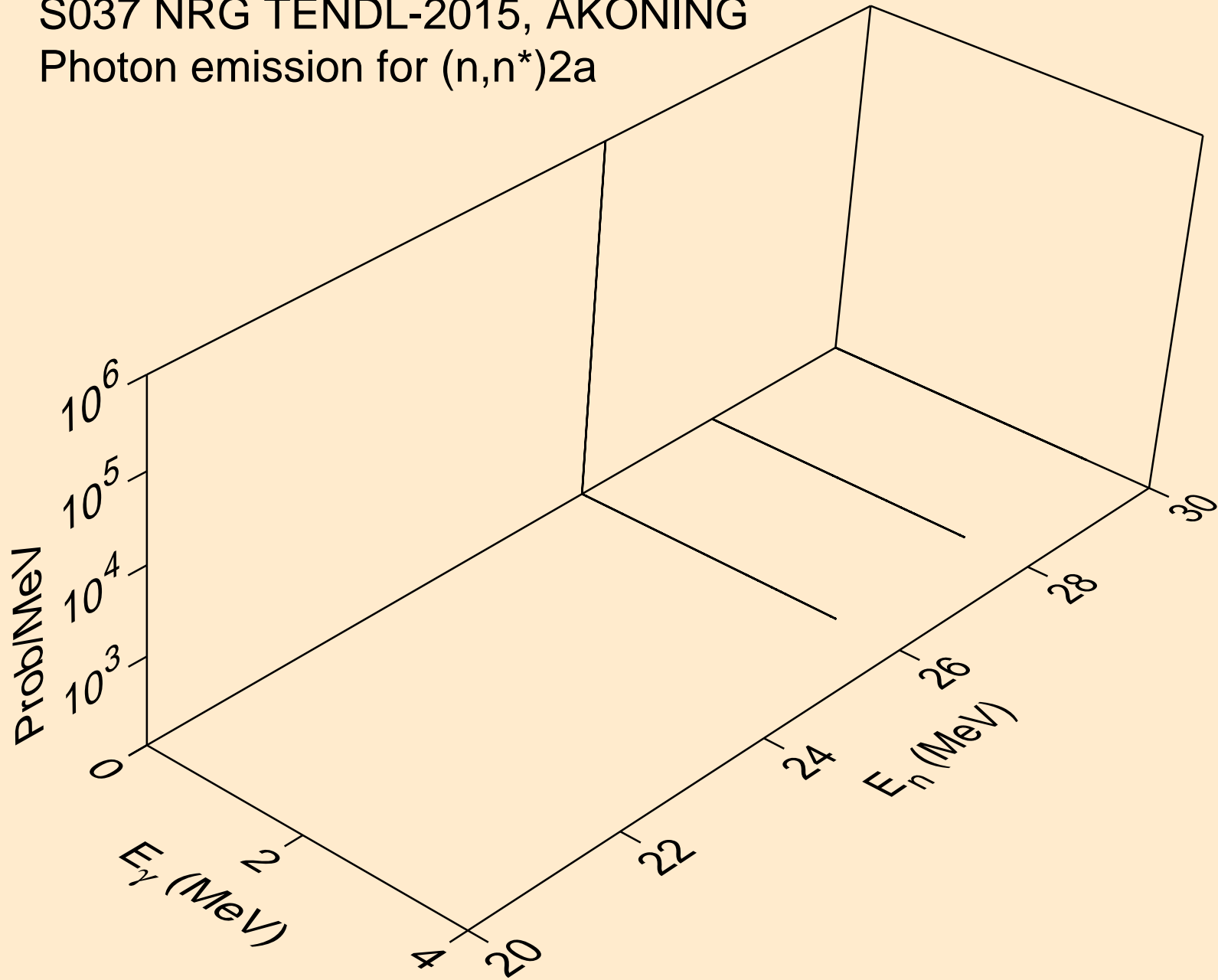


S037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

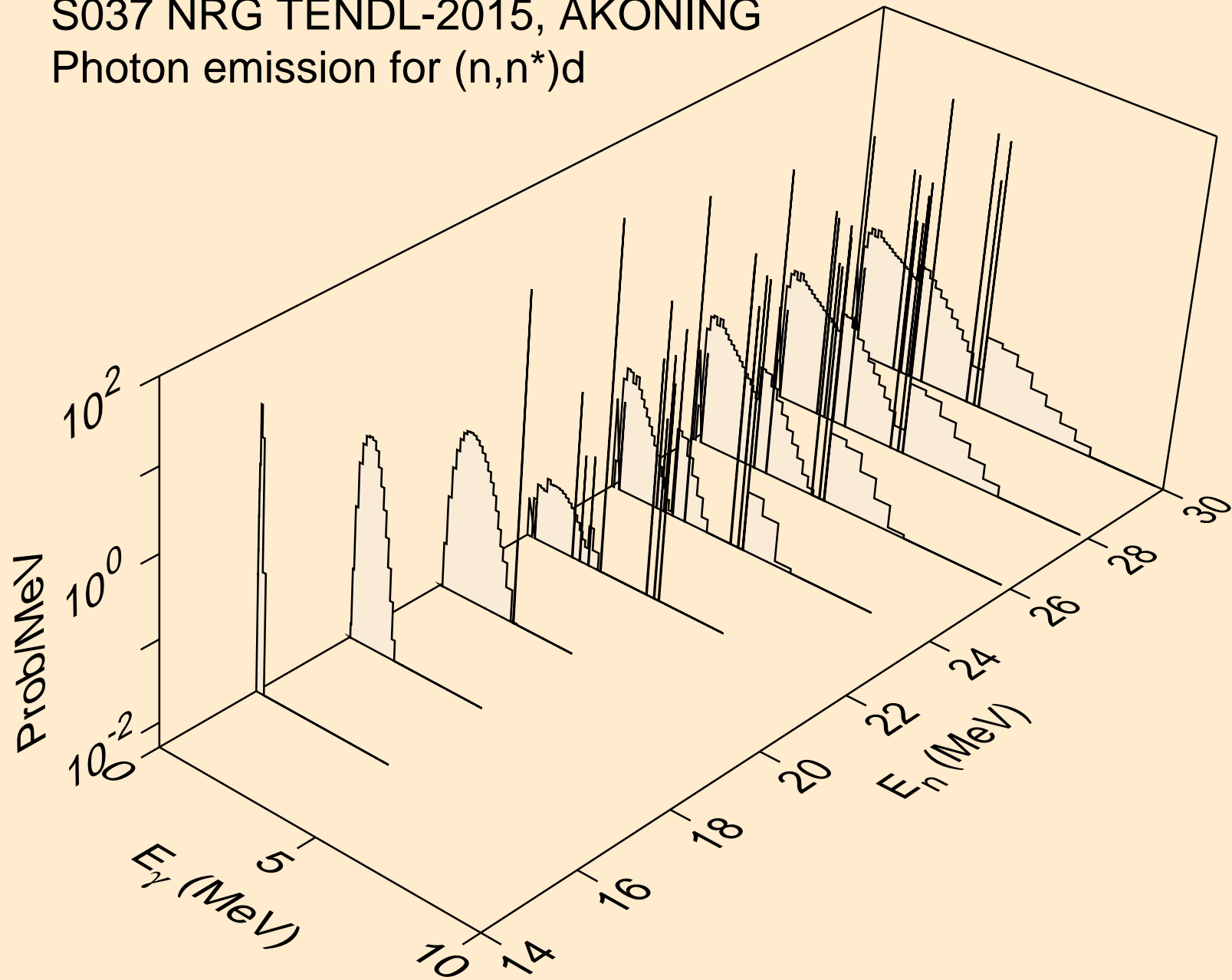




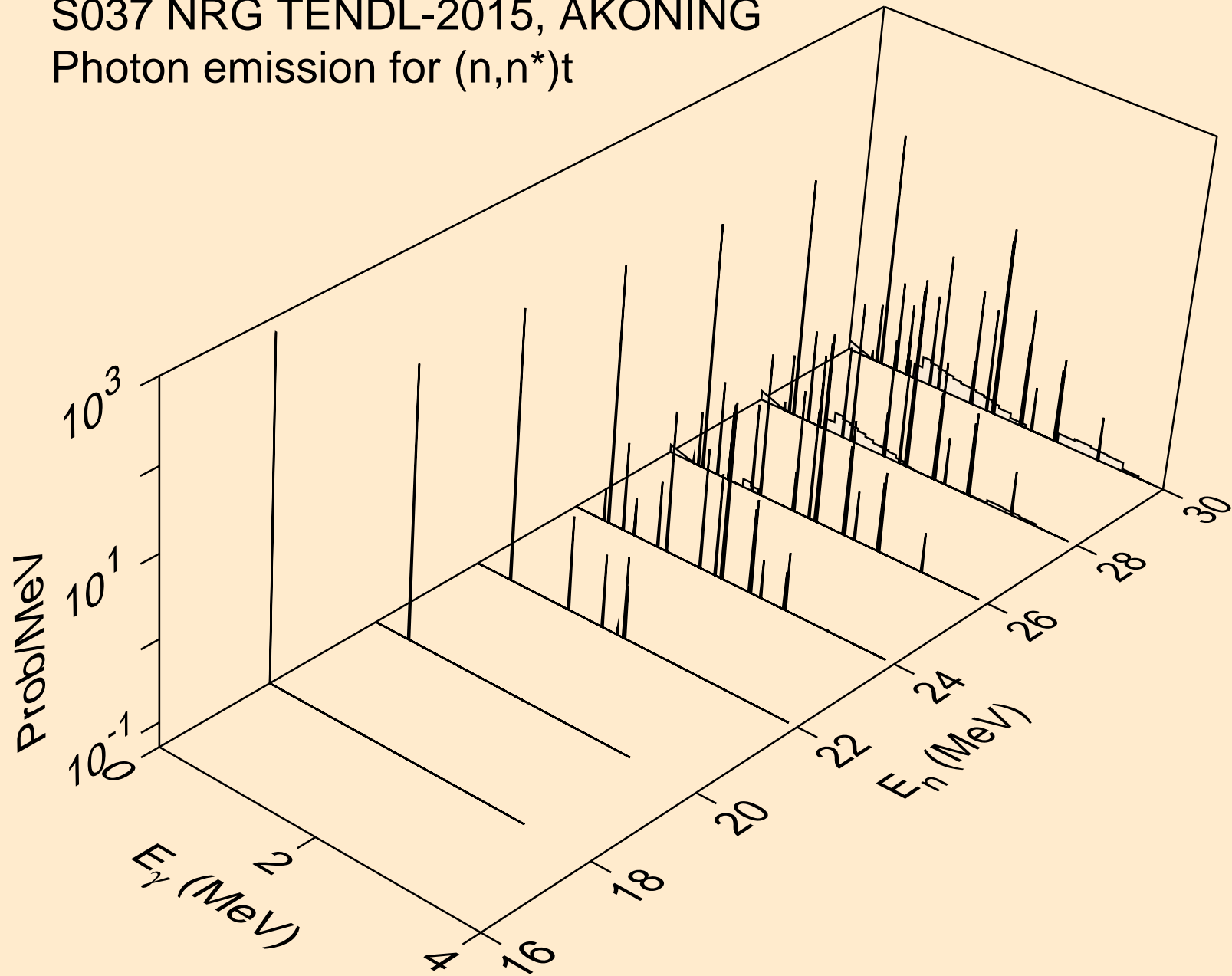
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



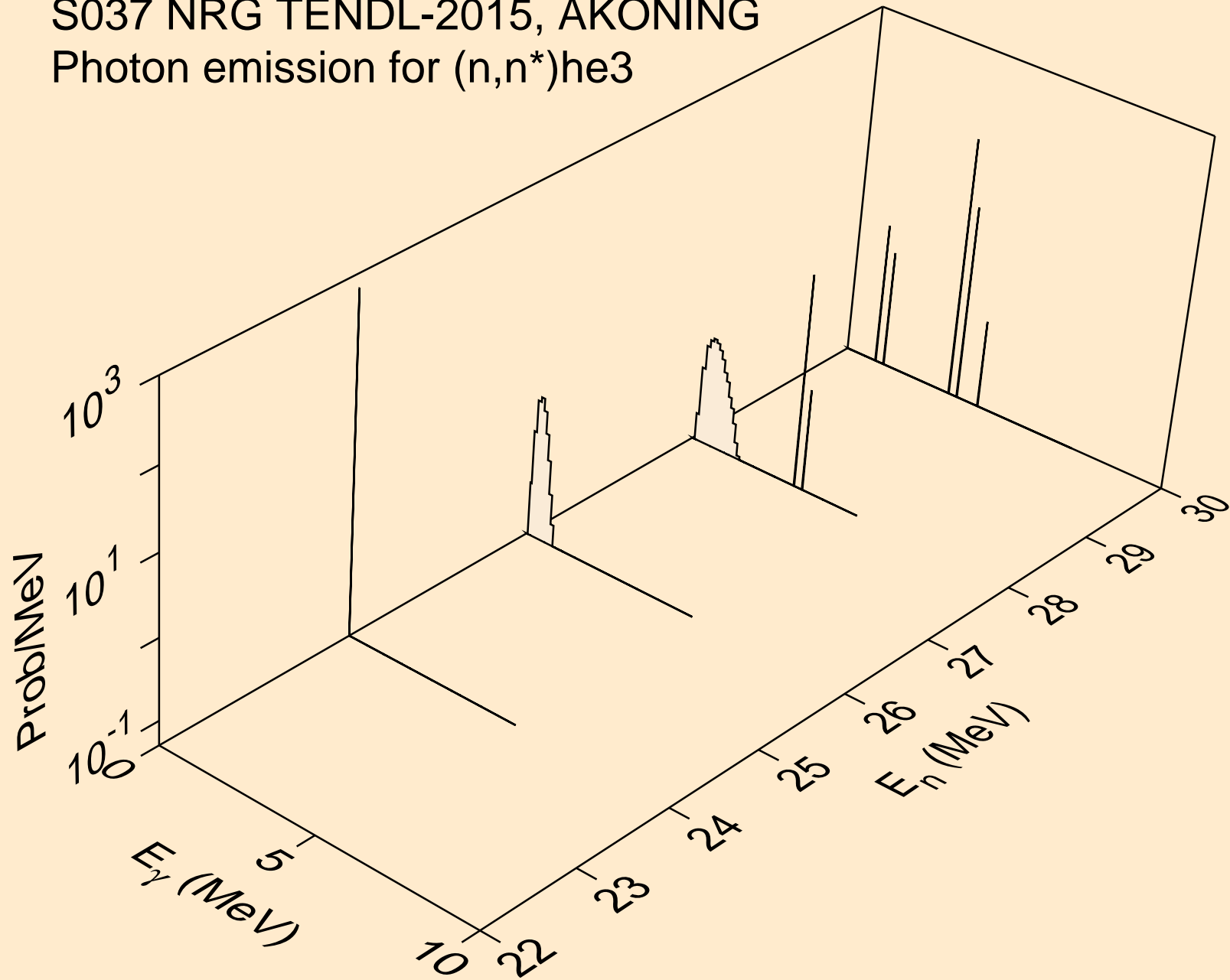
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



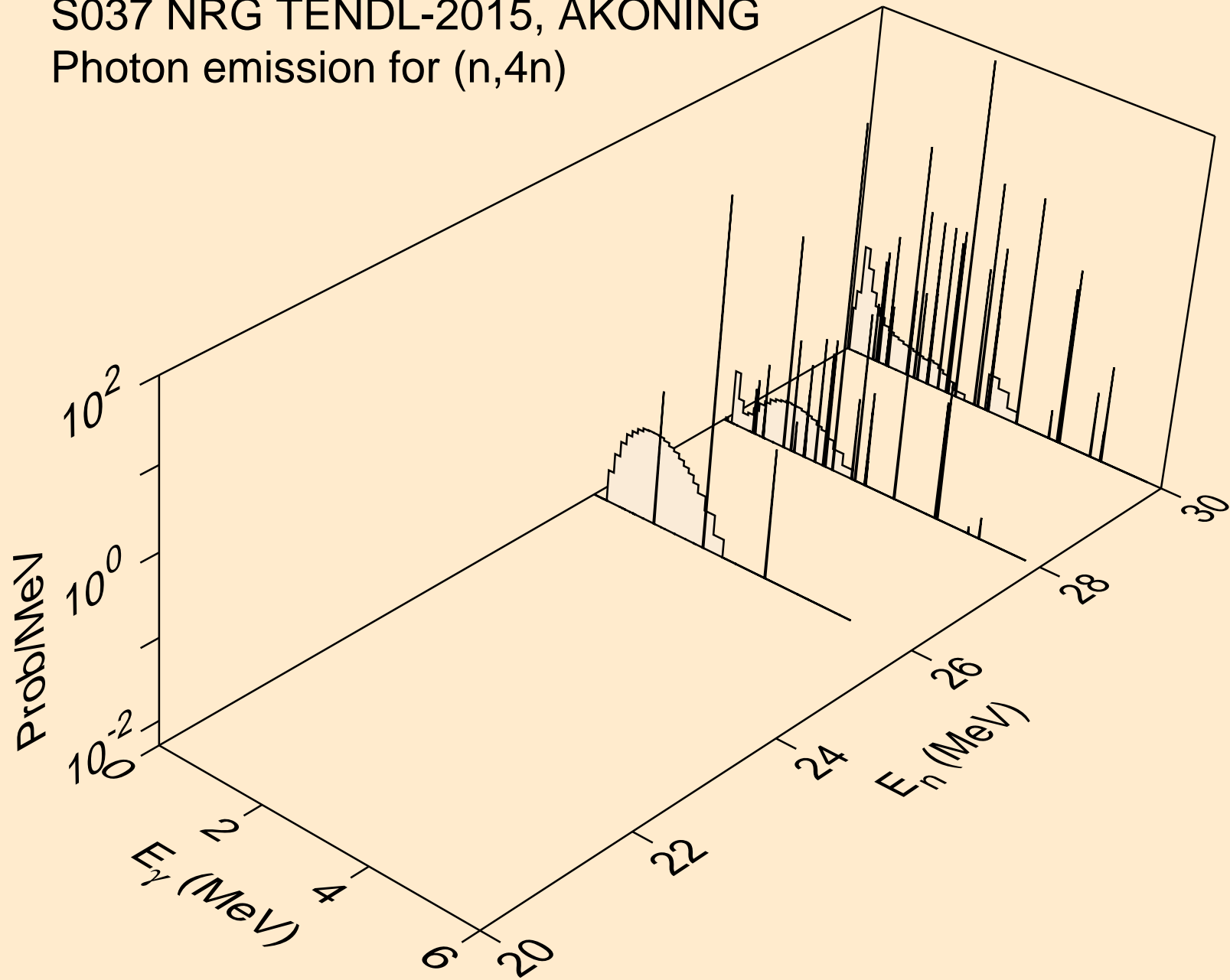
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



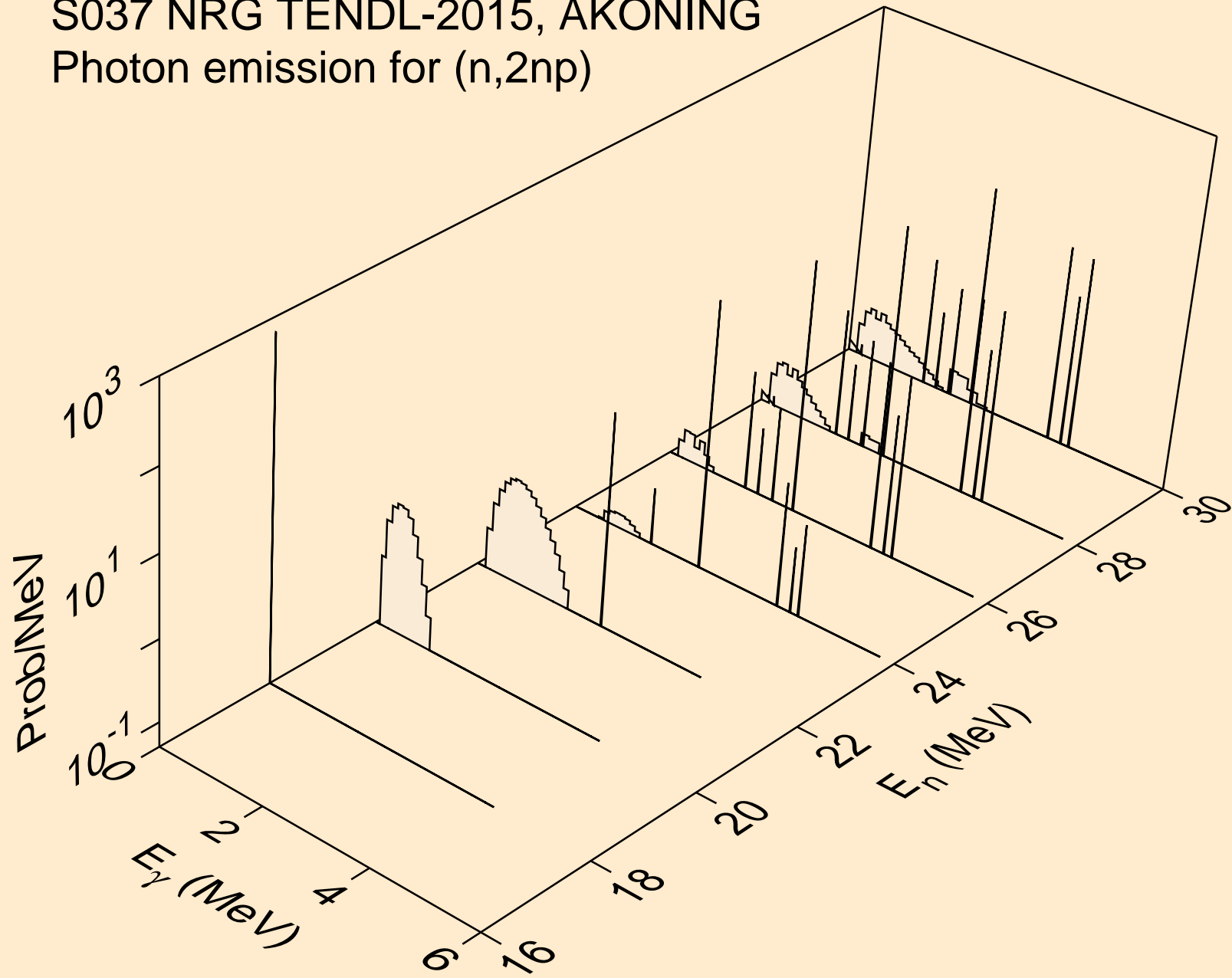
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



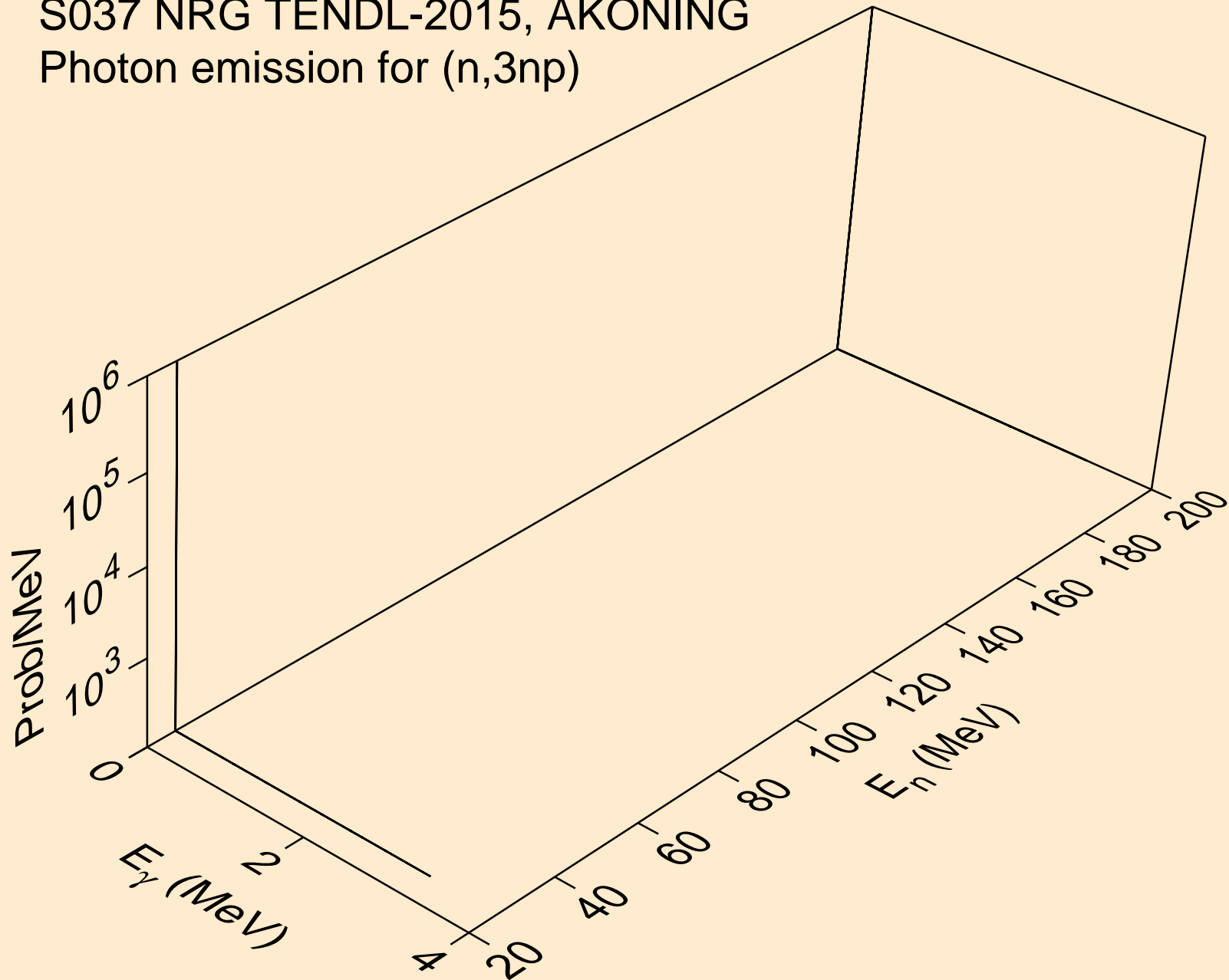
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



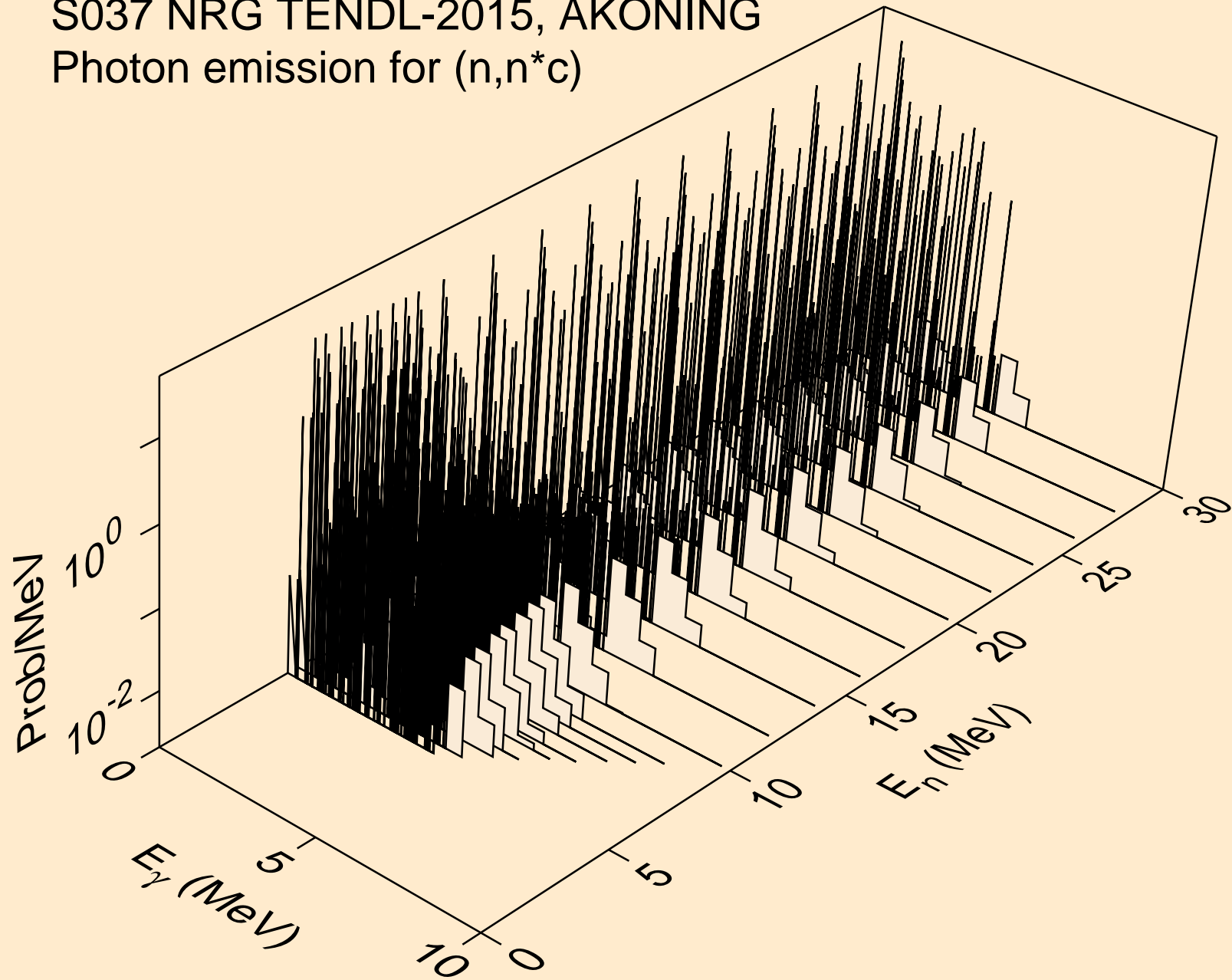
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



S037 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

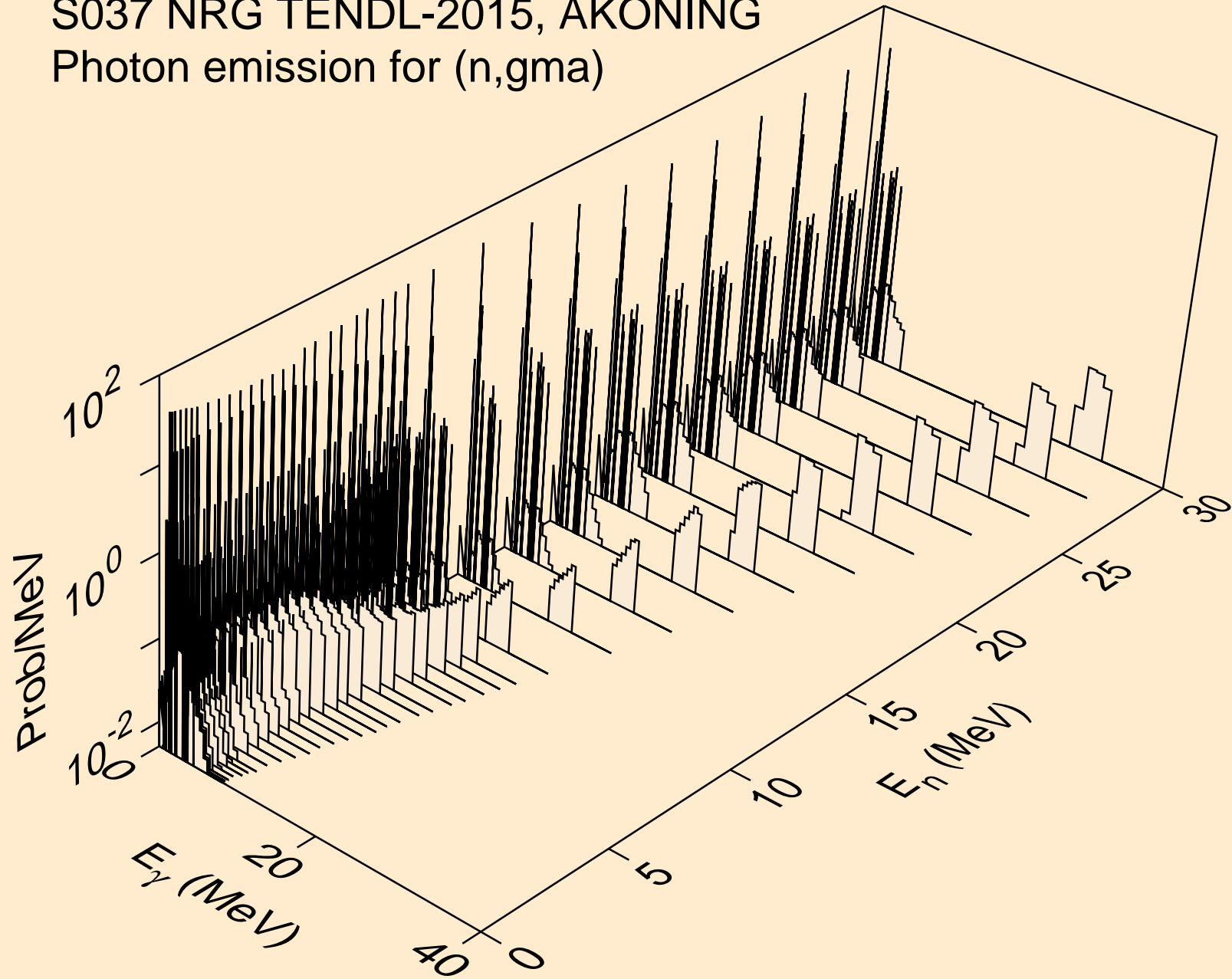


S037 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

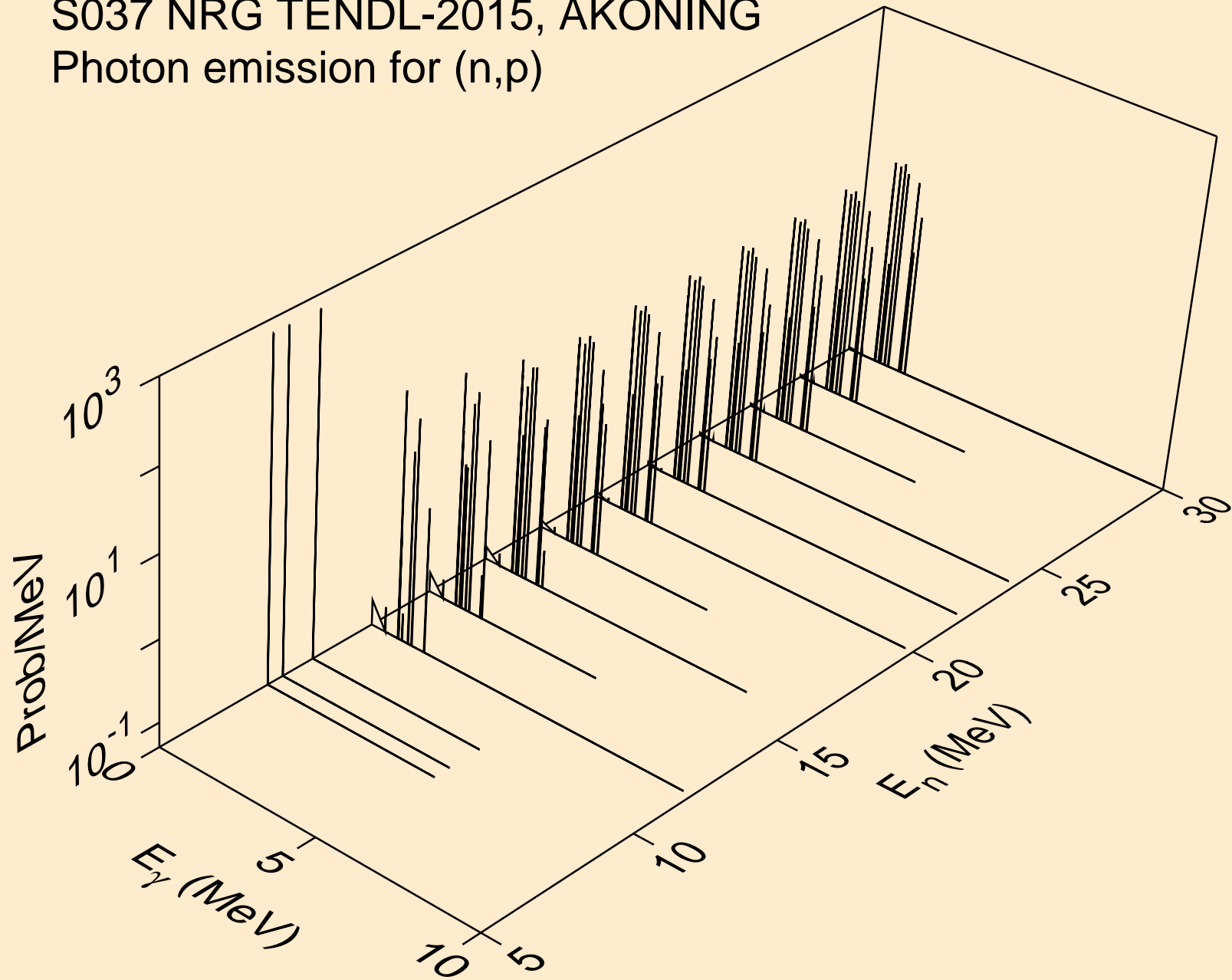




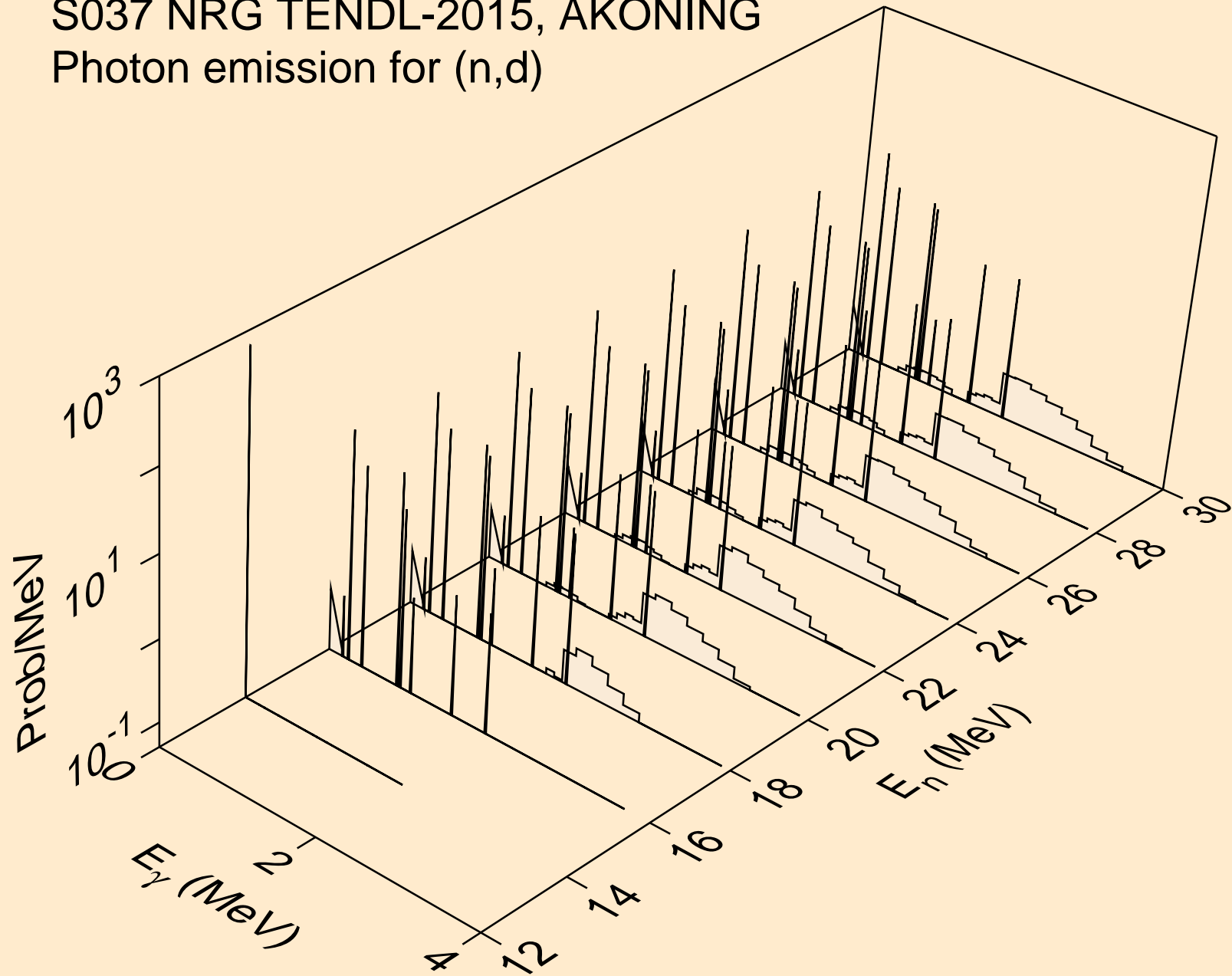
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



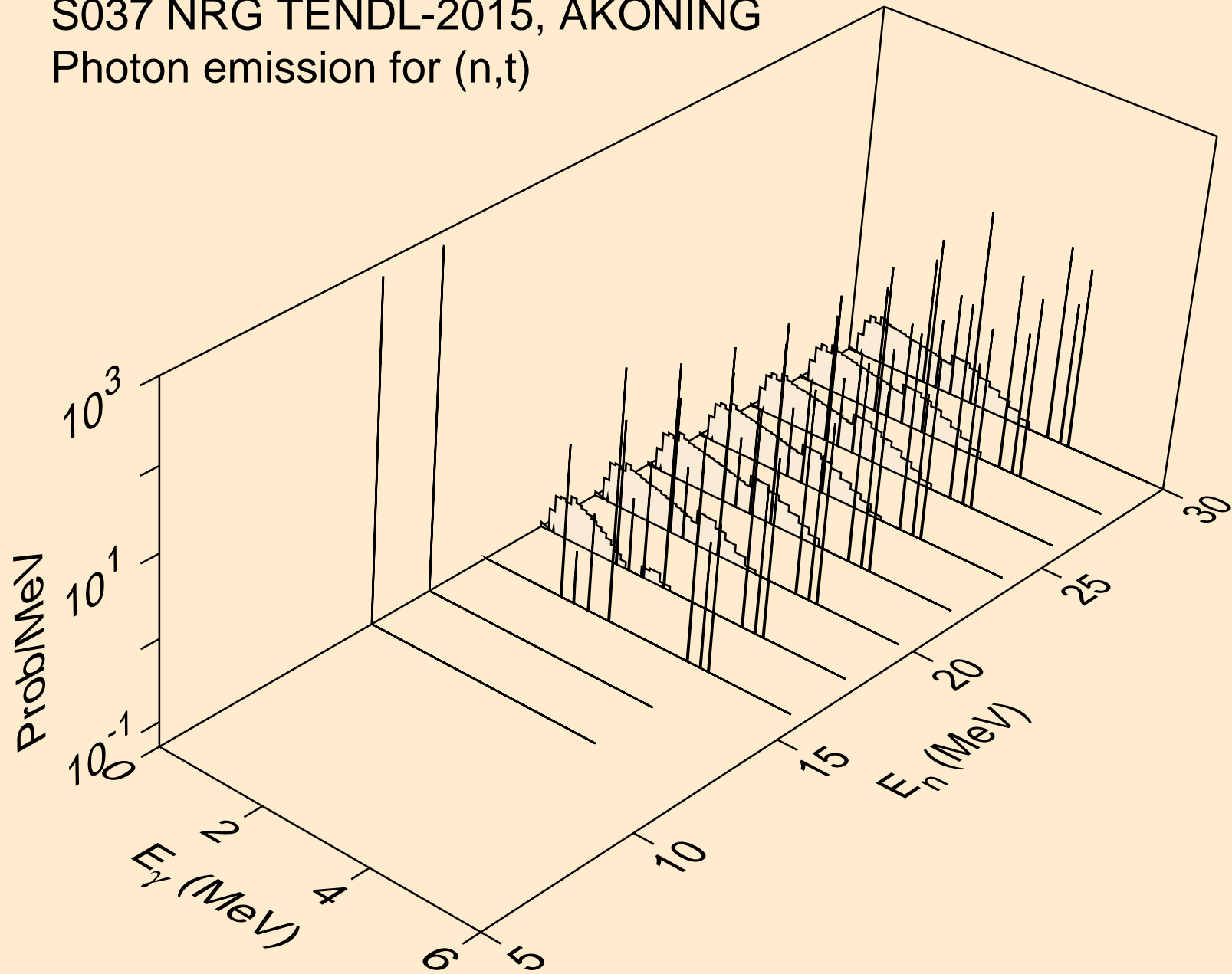
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



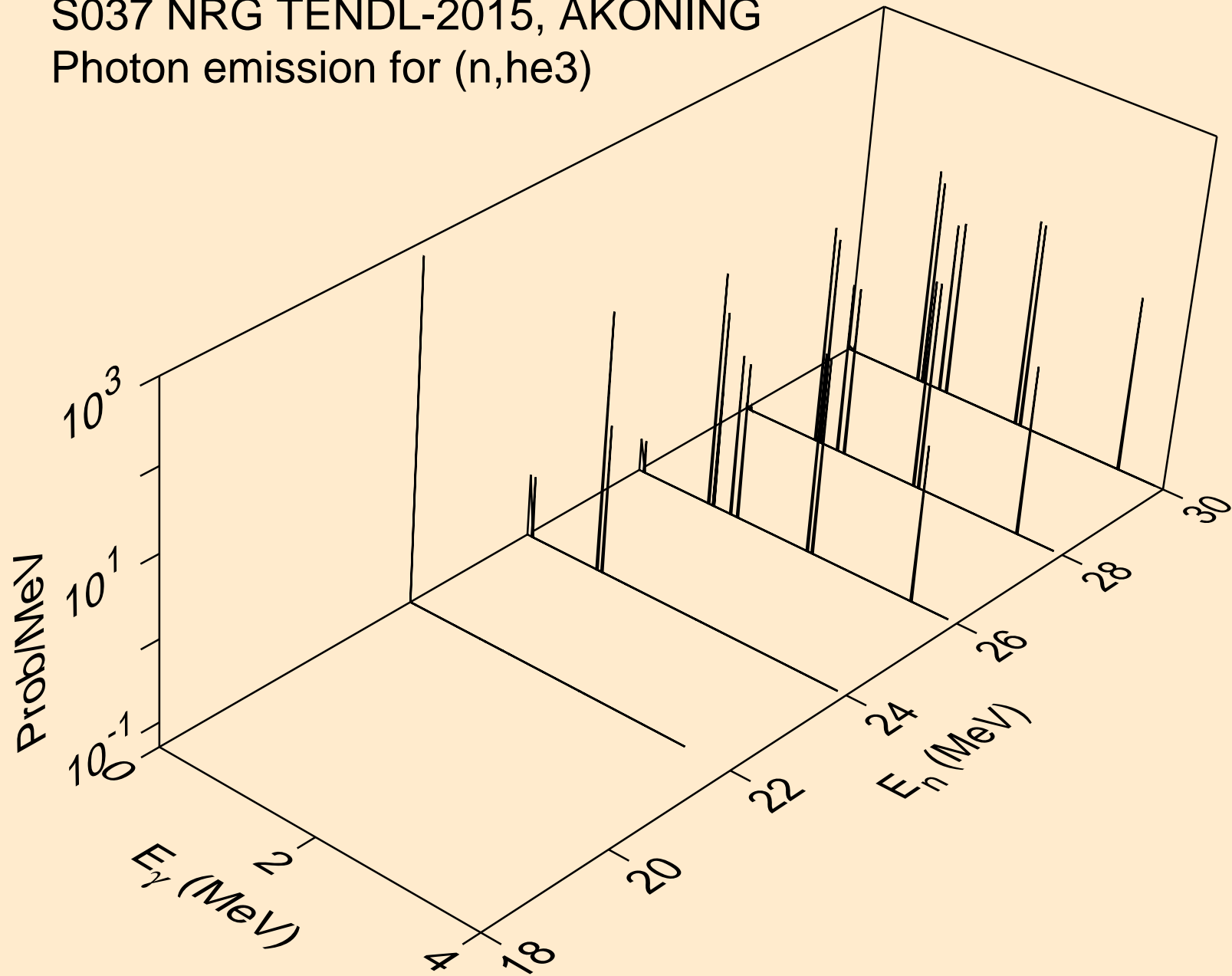
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



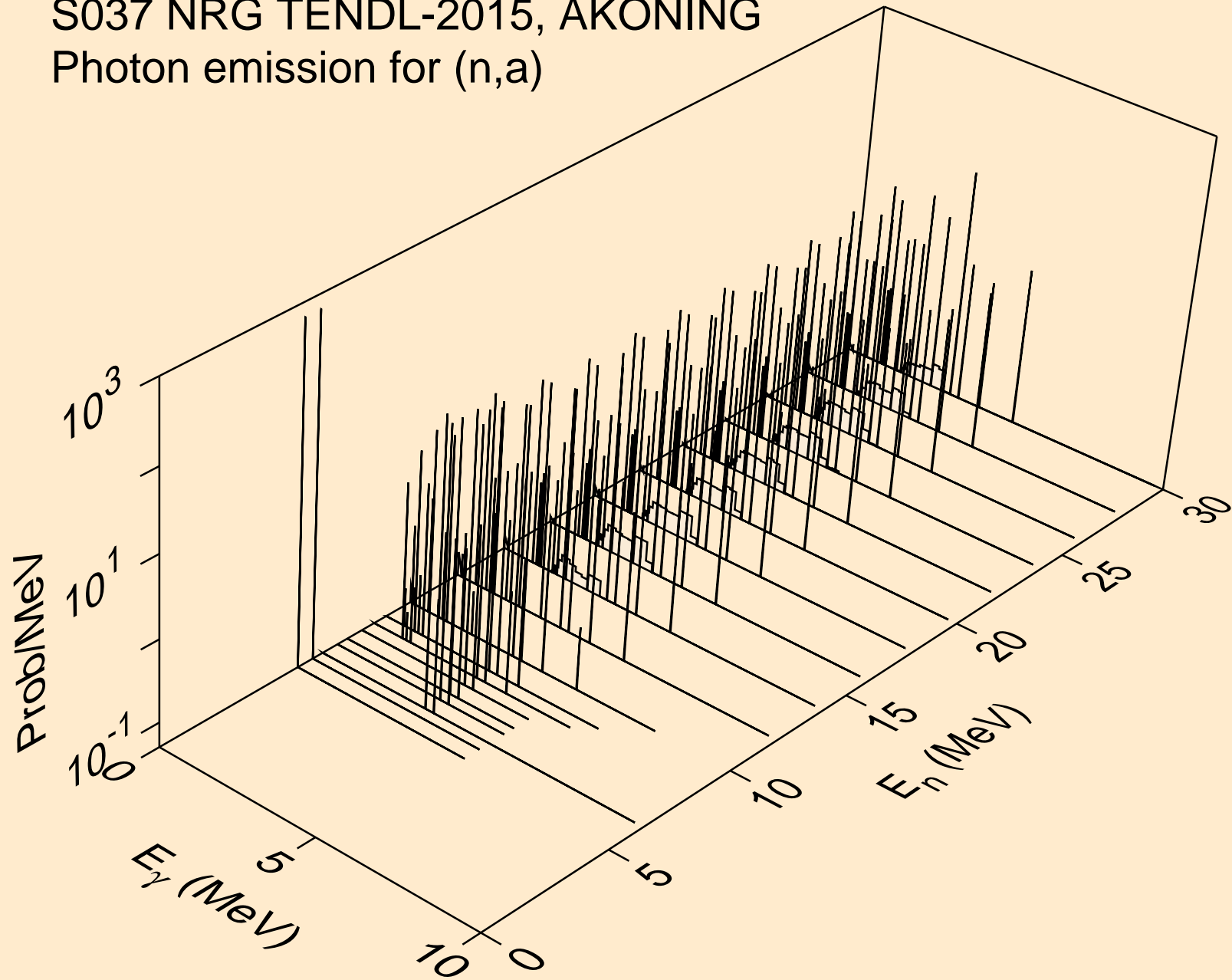
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



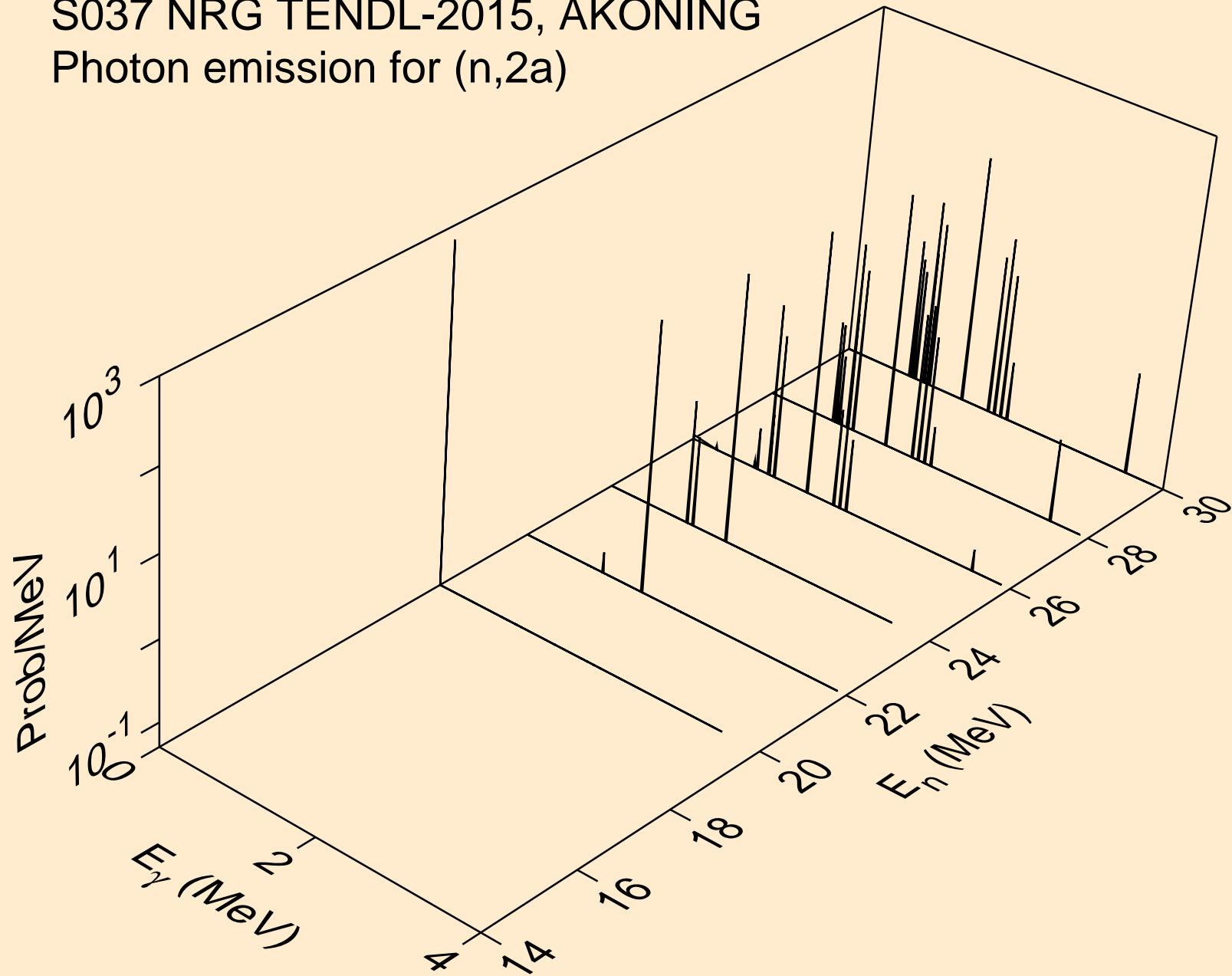
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



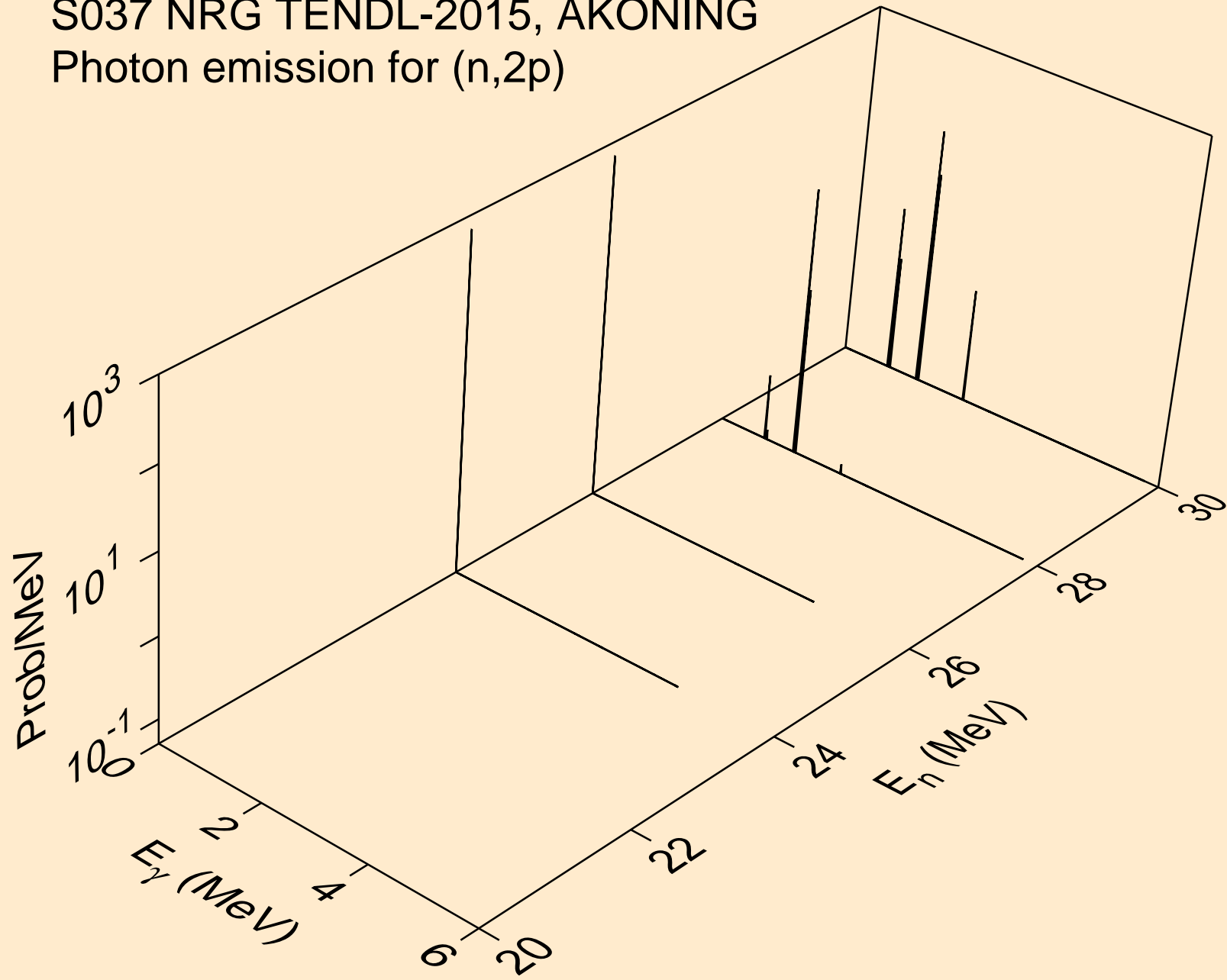
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



S037 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

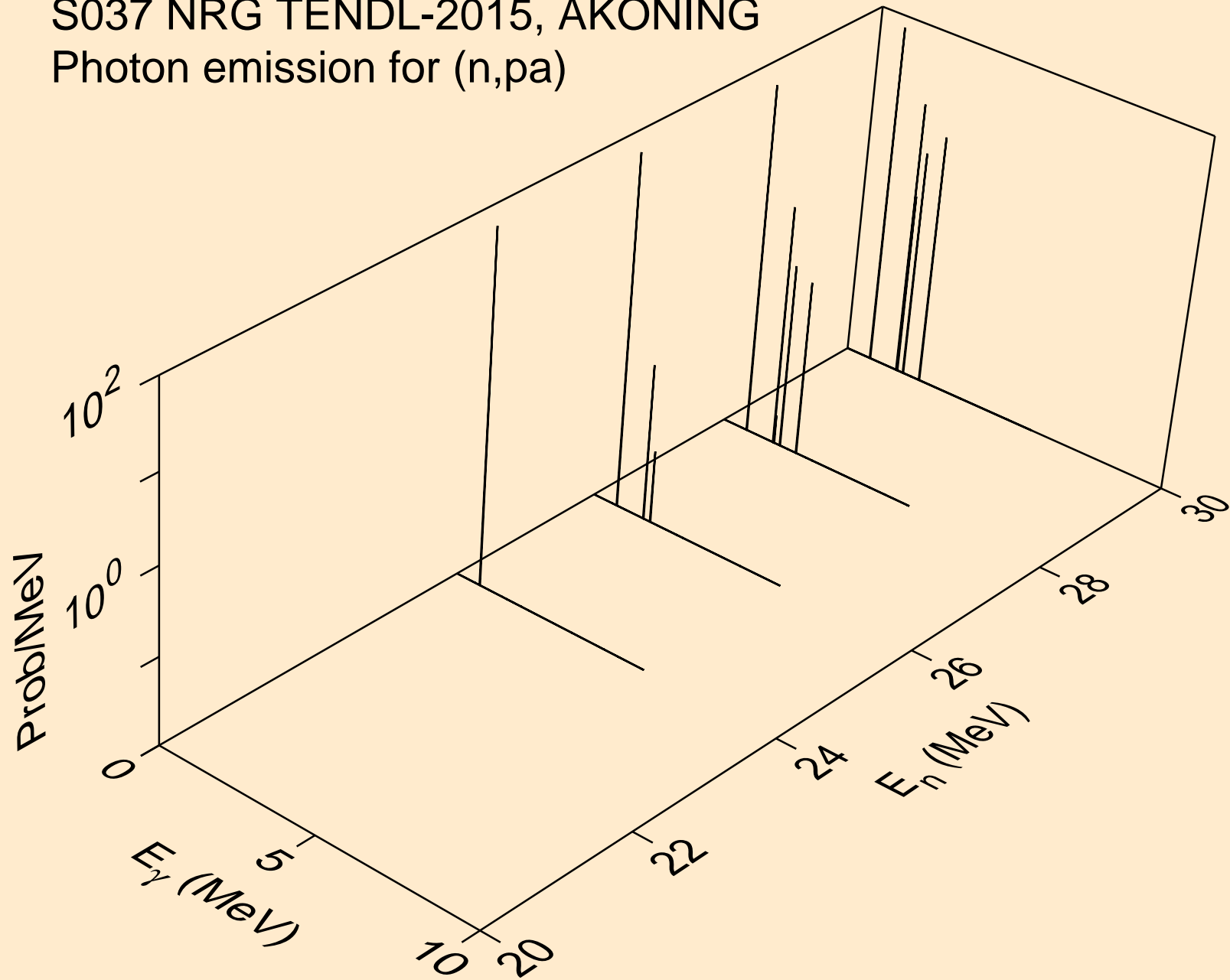


S037 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

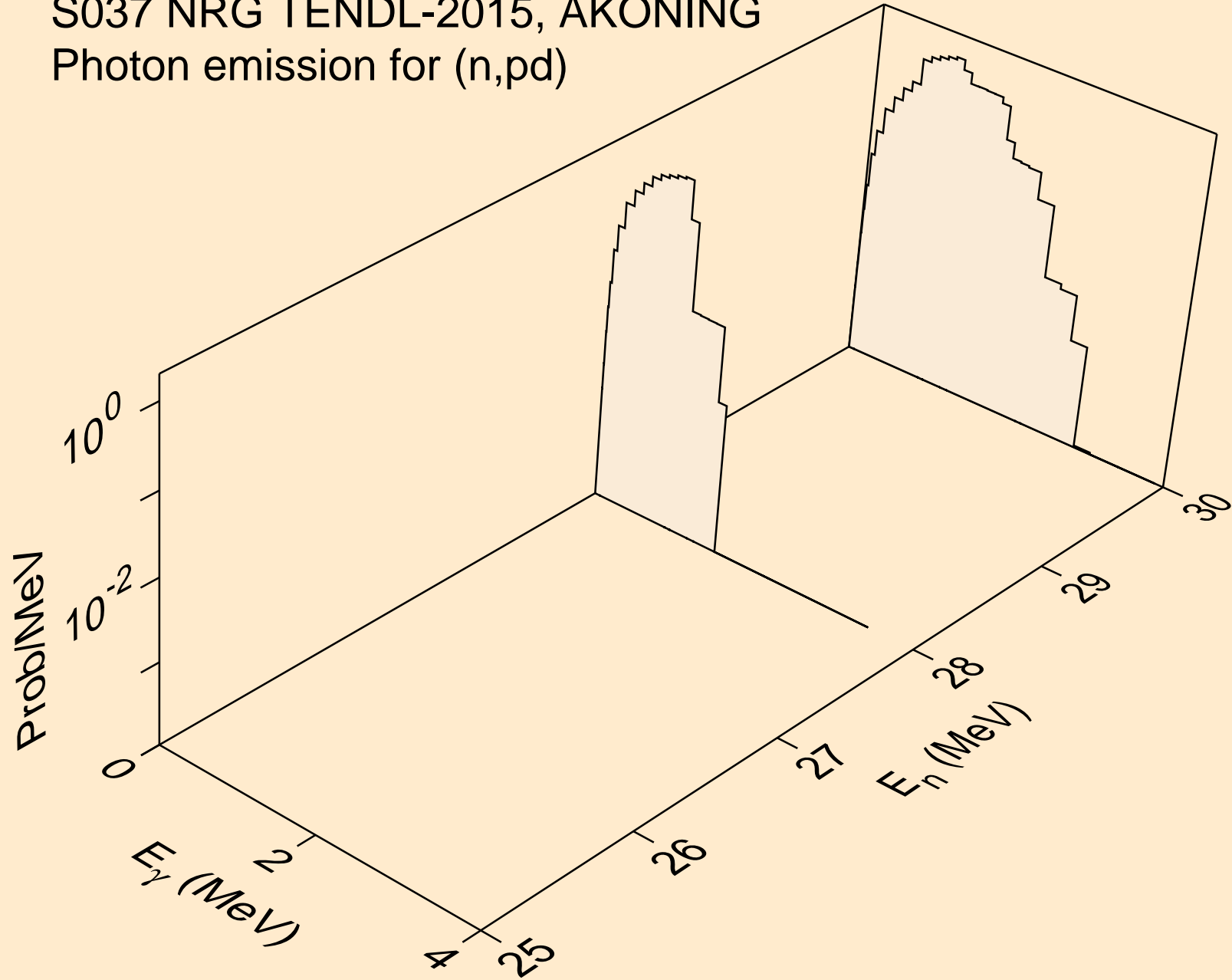




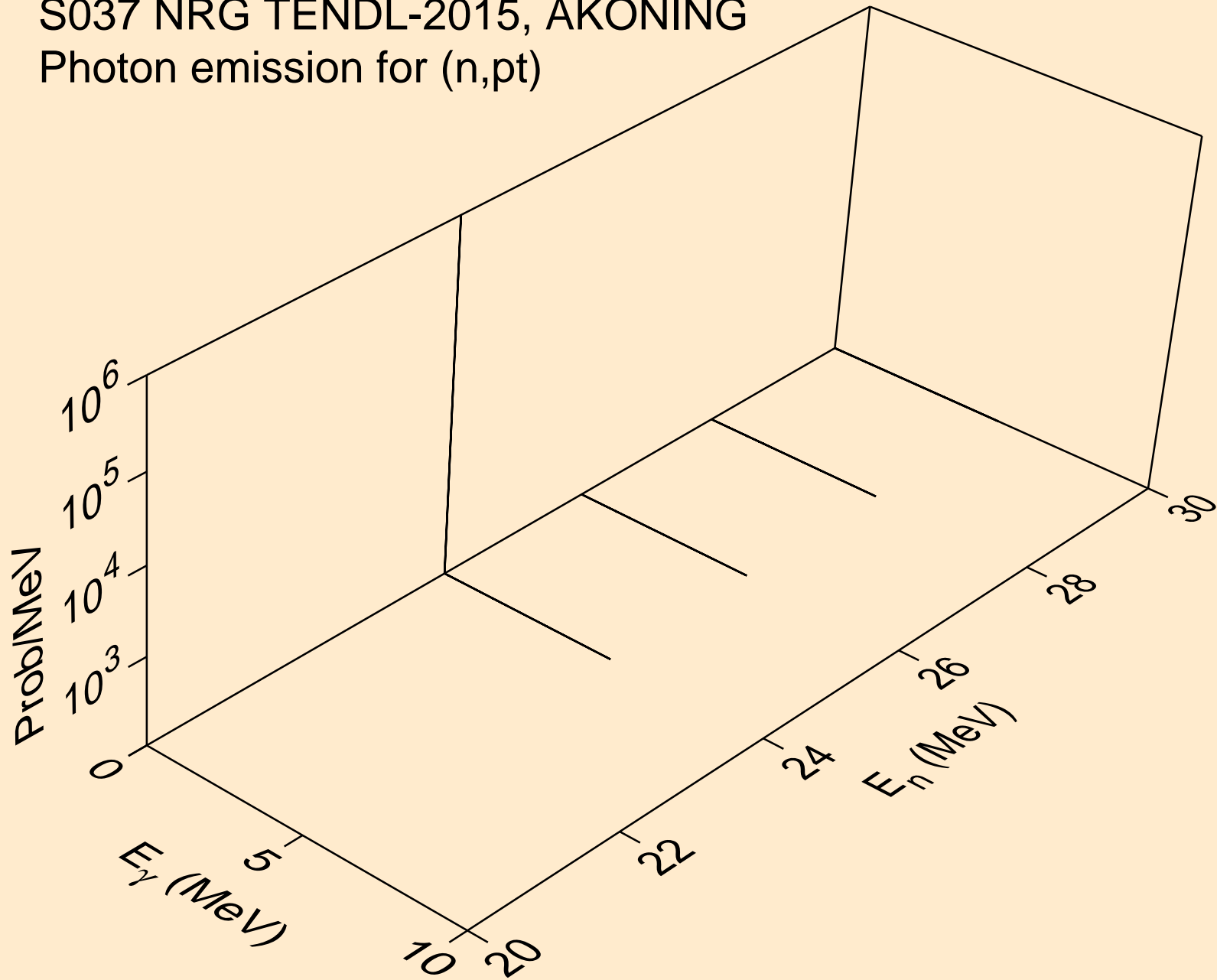
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



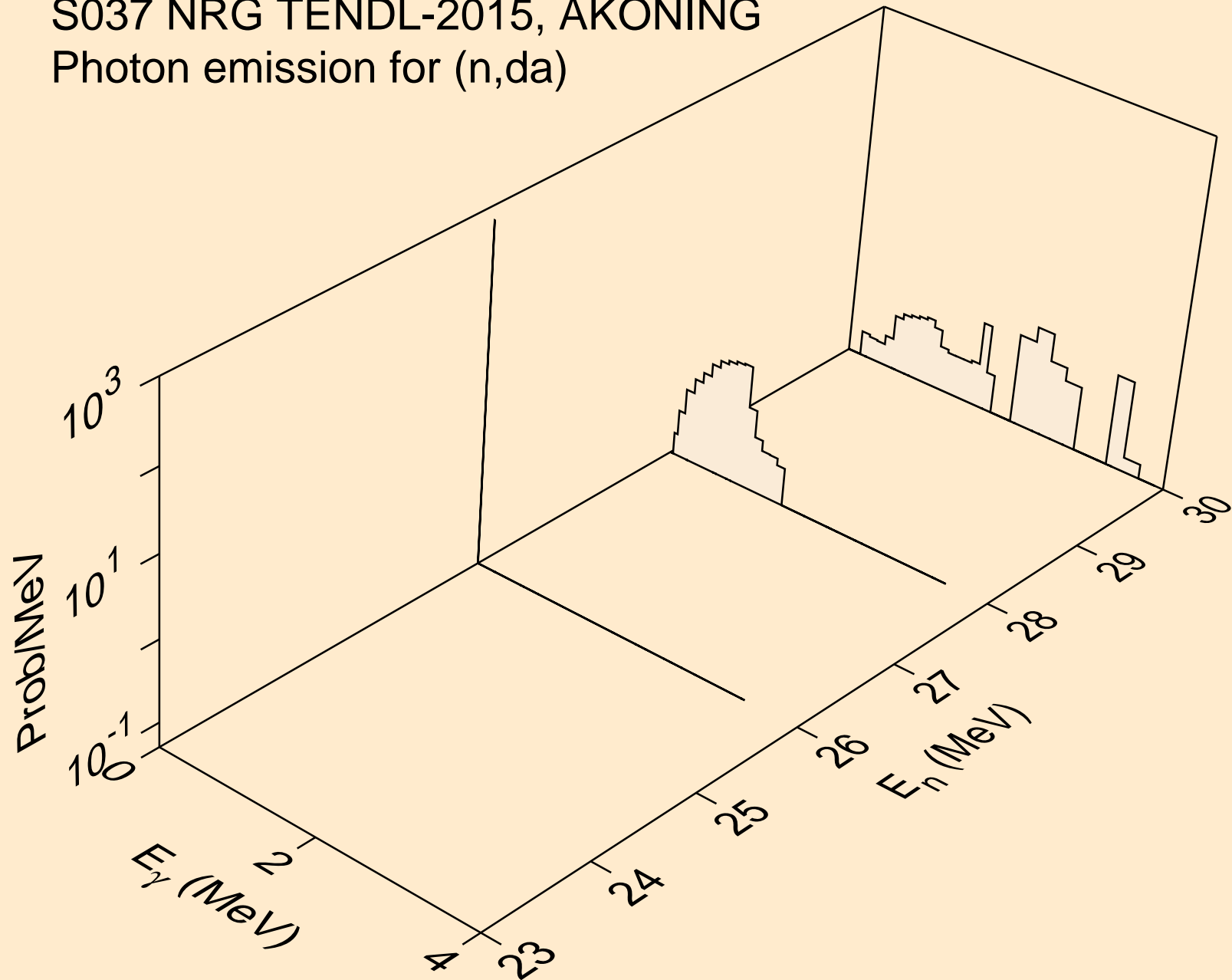
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



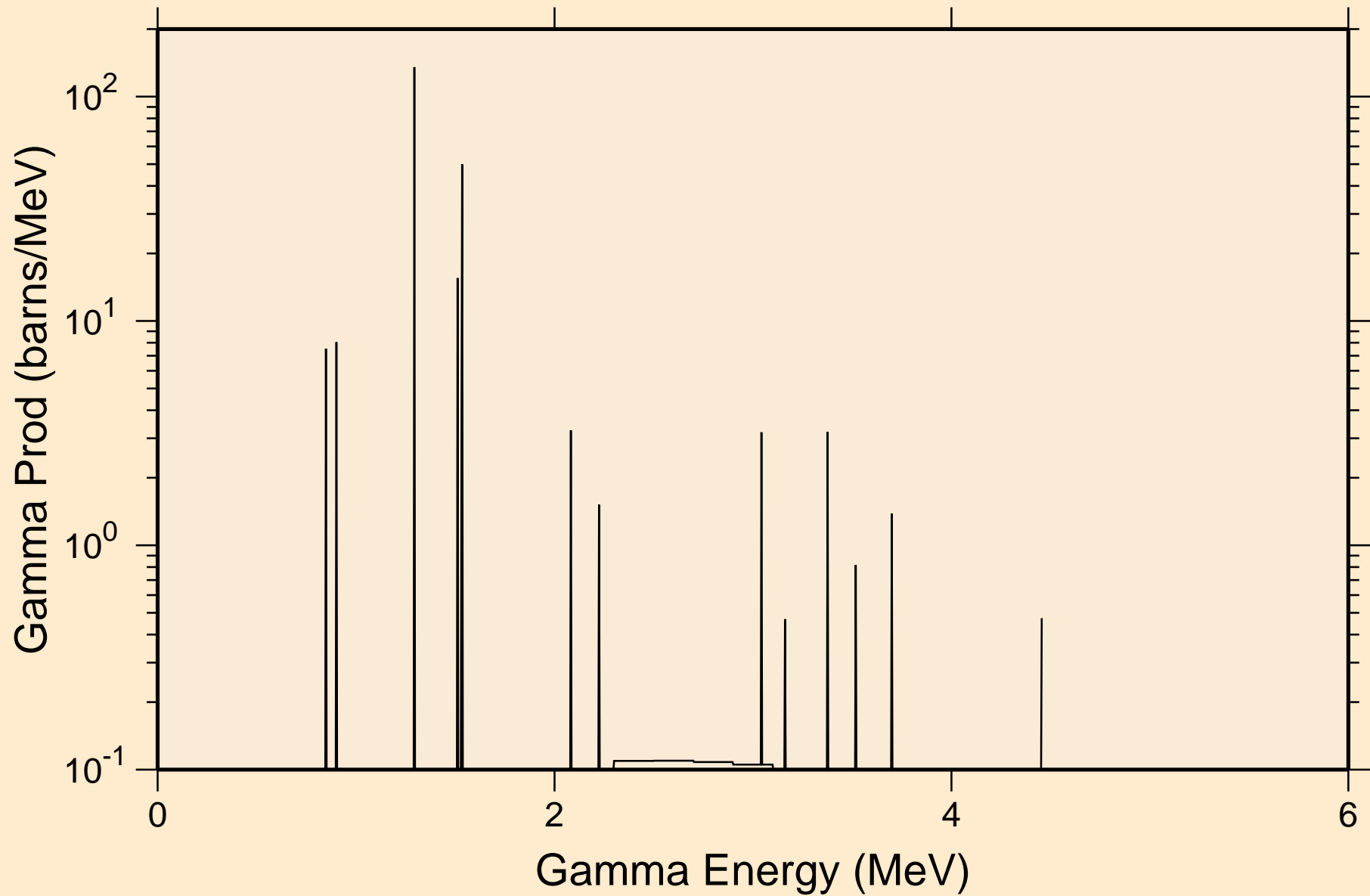
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



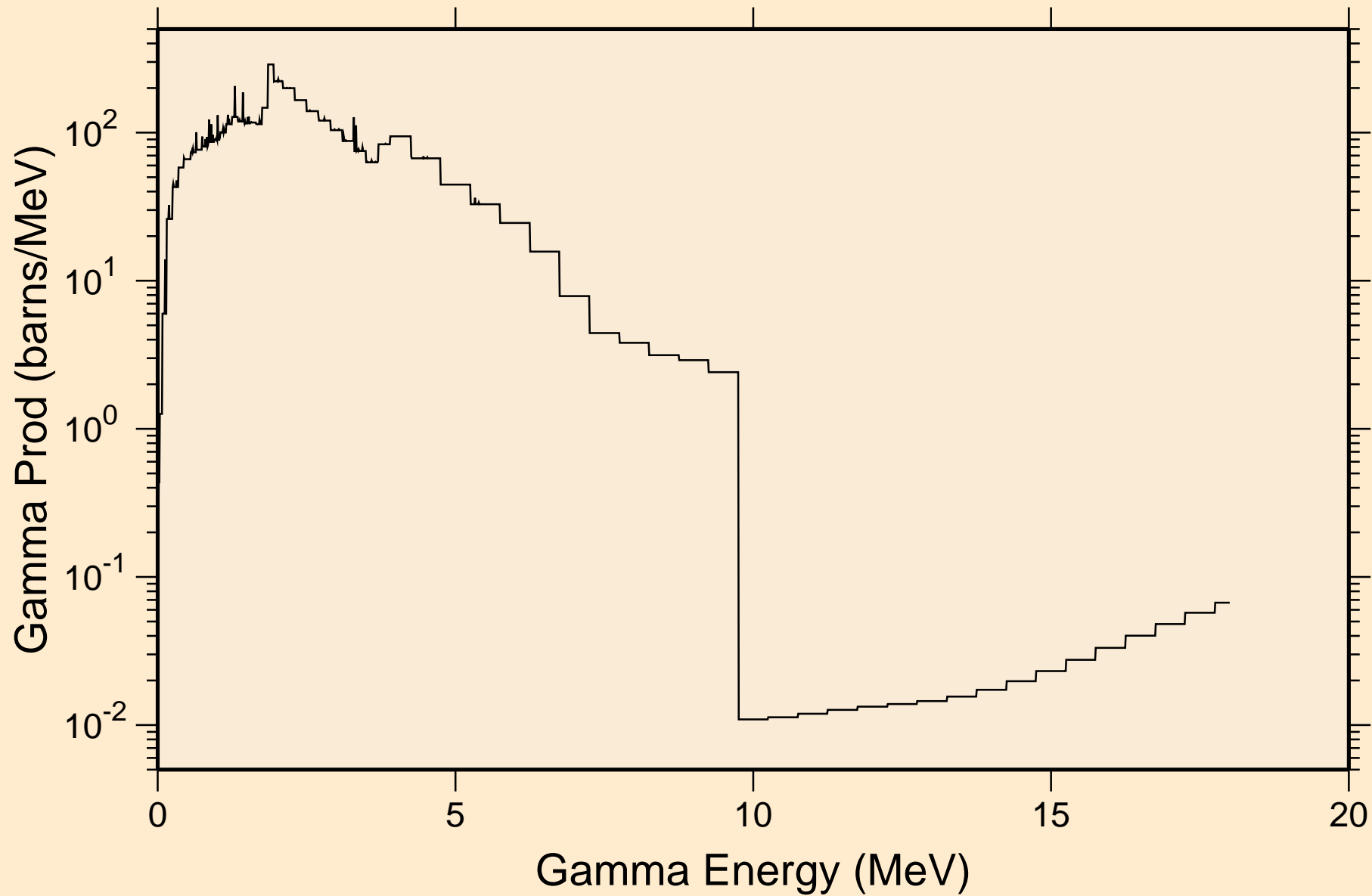
S037 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



S037 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

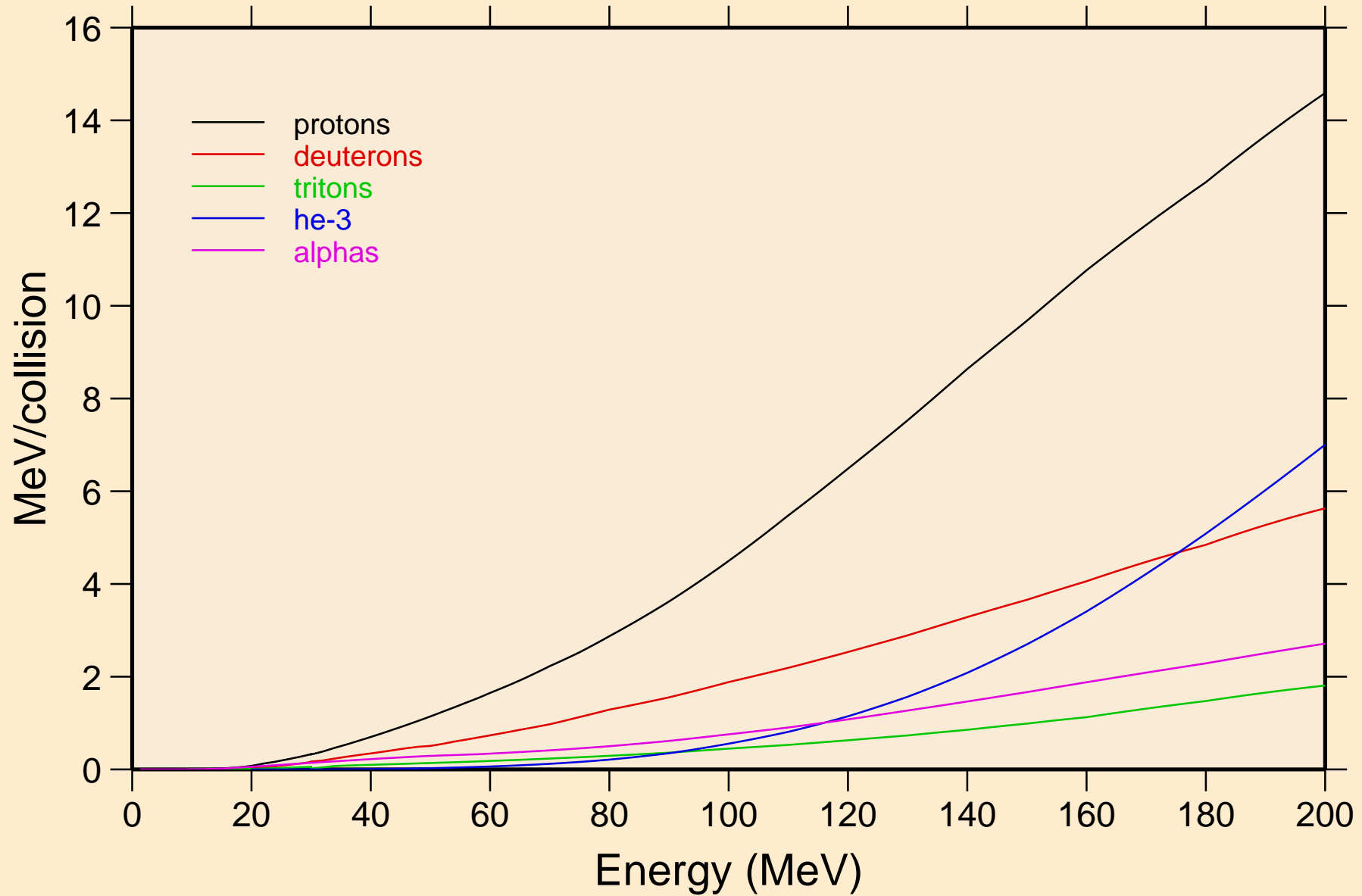


S037 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



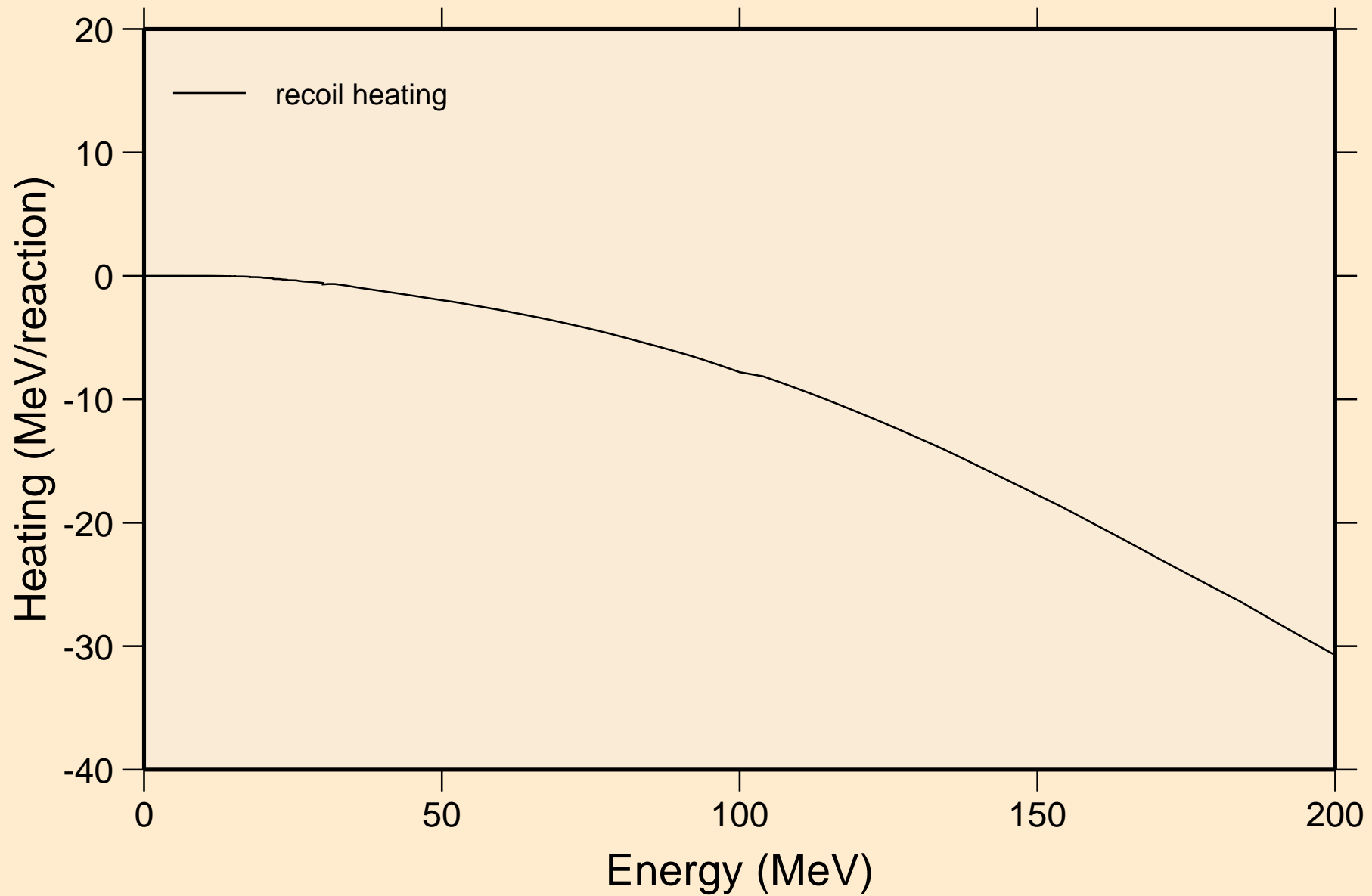
# S037 NRG TENDL-2015, AKONING

## Particle heating contributions



# S037 NRG TENDL-2015, AKONING

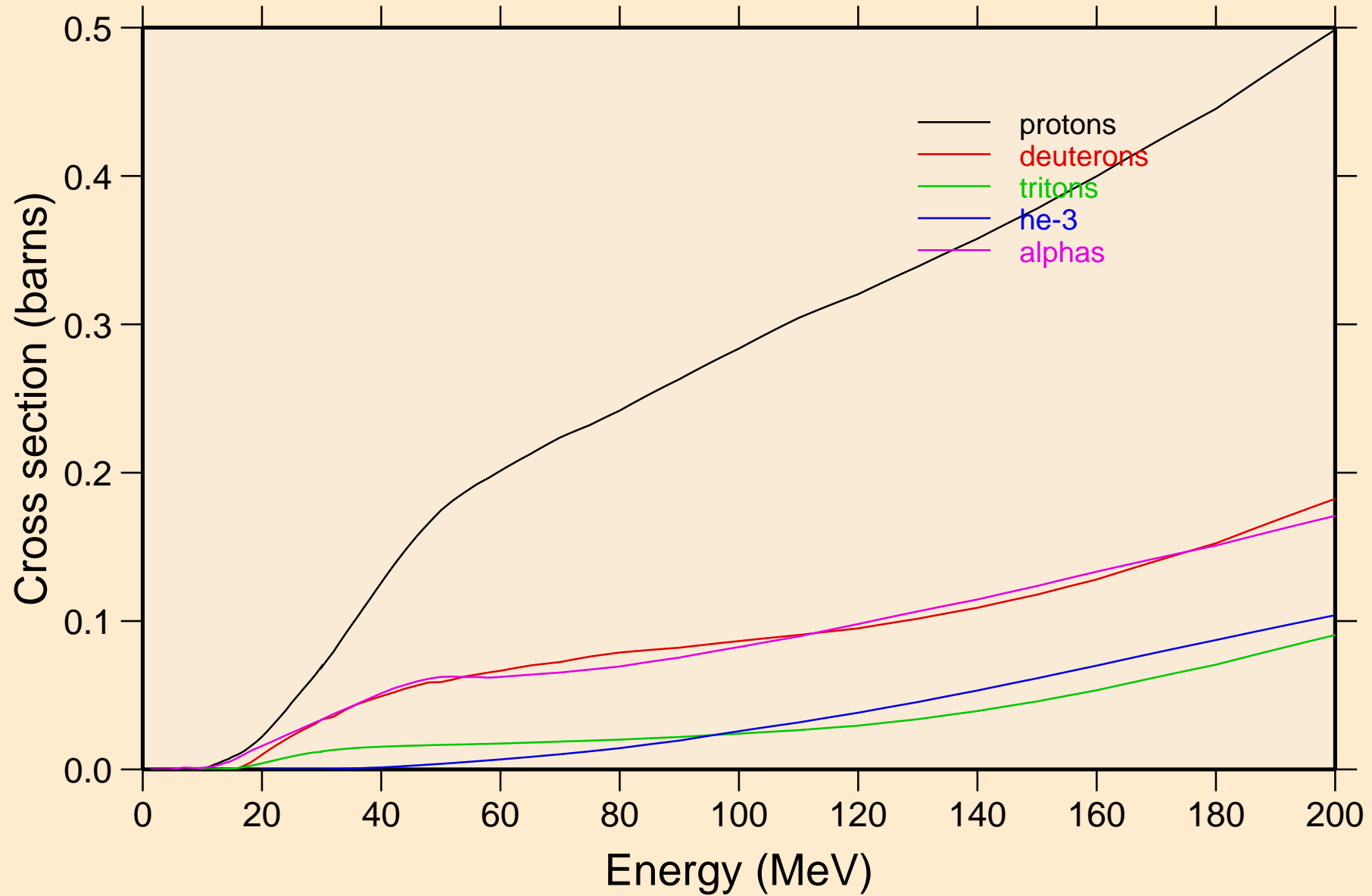
## Recoil Heating



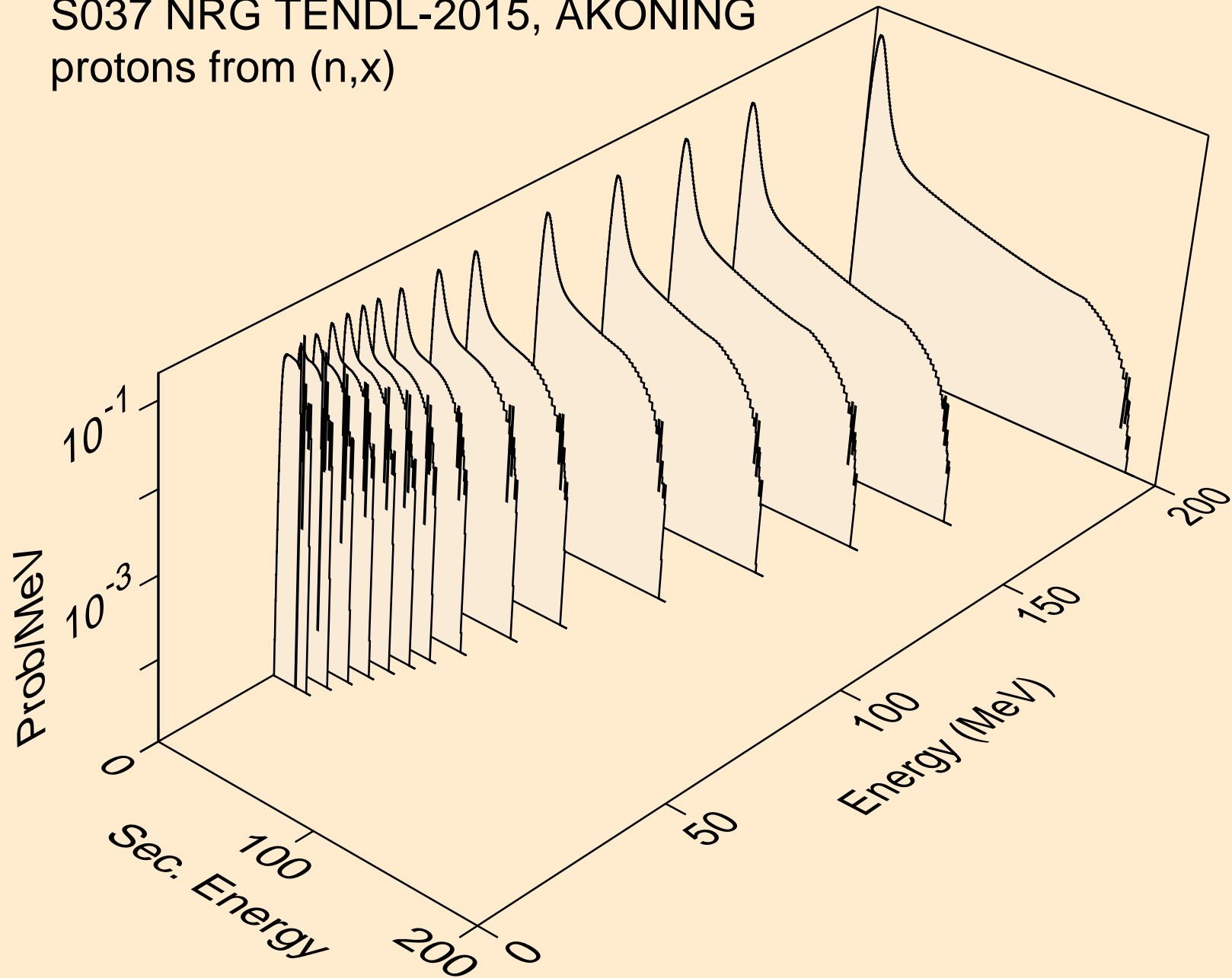


# S037 NRG TENDL-2015, AKONING

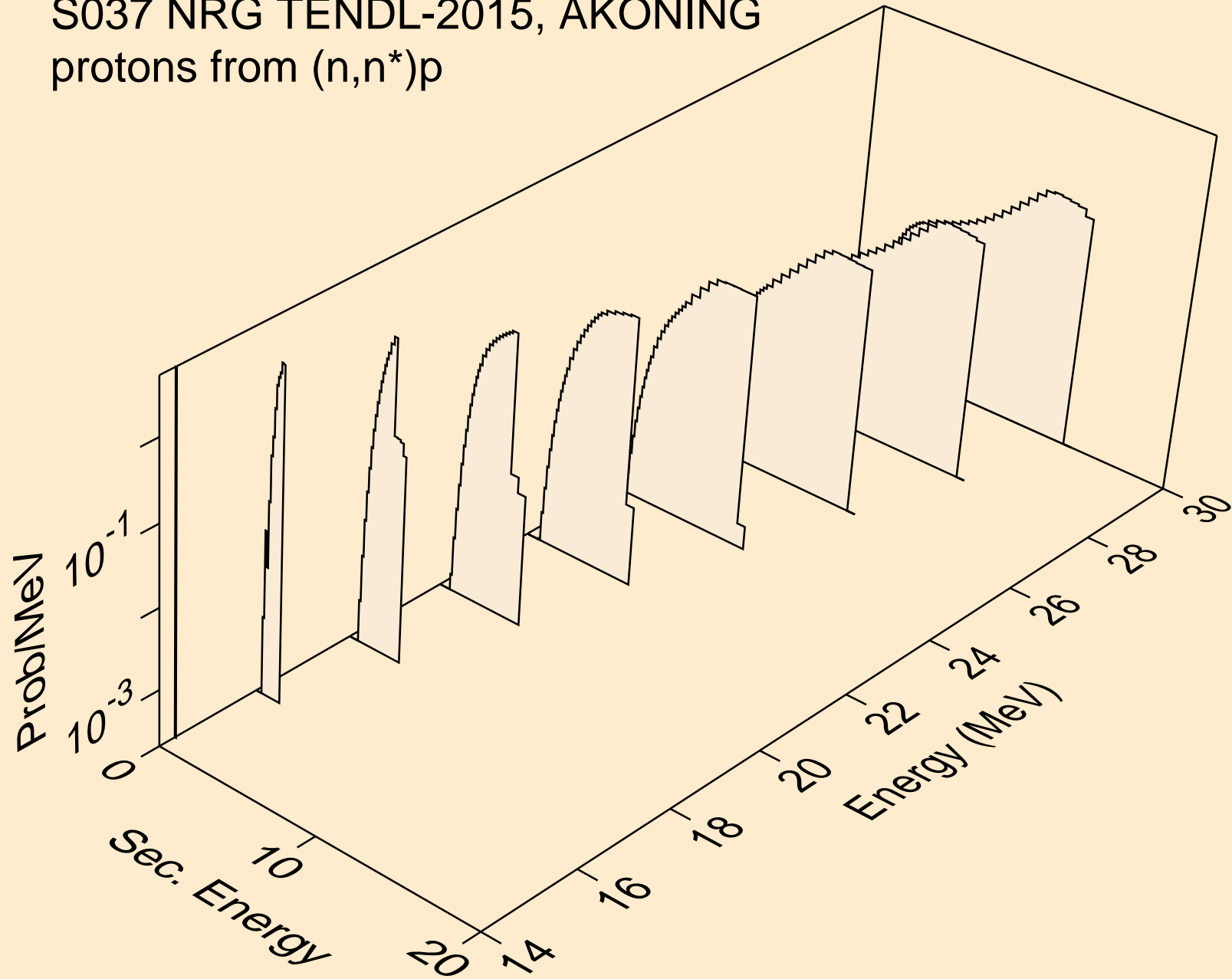
## Particle production cross sections



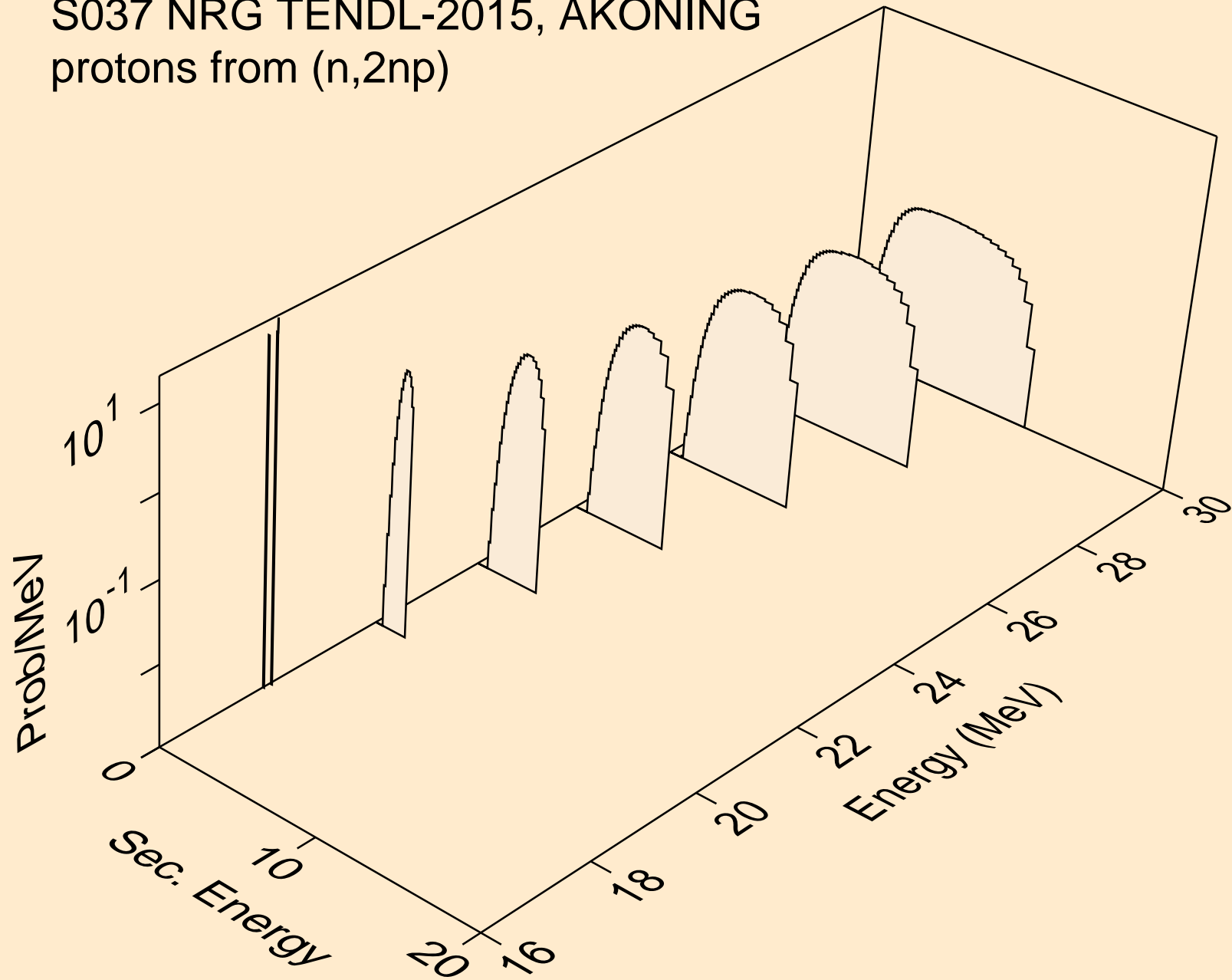
S037 NRG TENDL-2015, AKONING  
protons from (n,x)



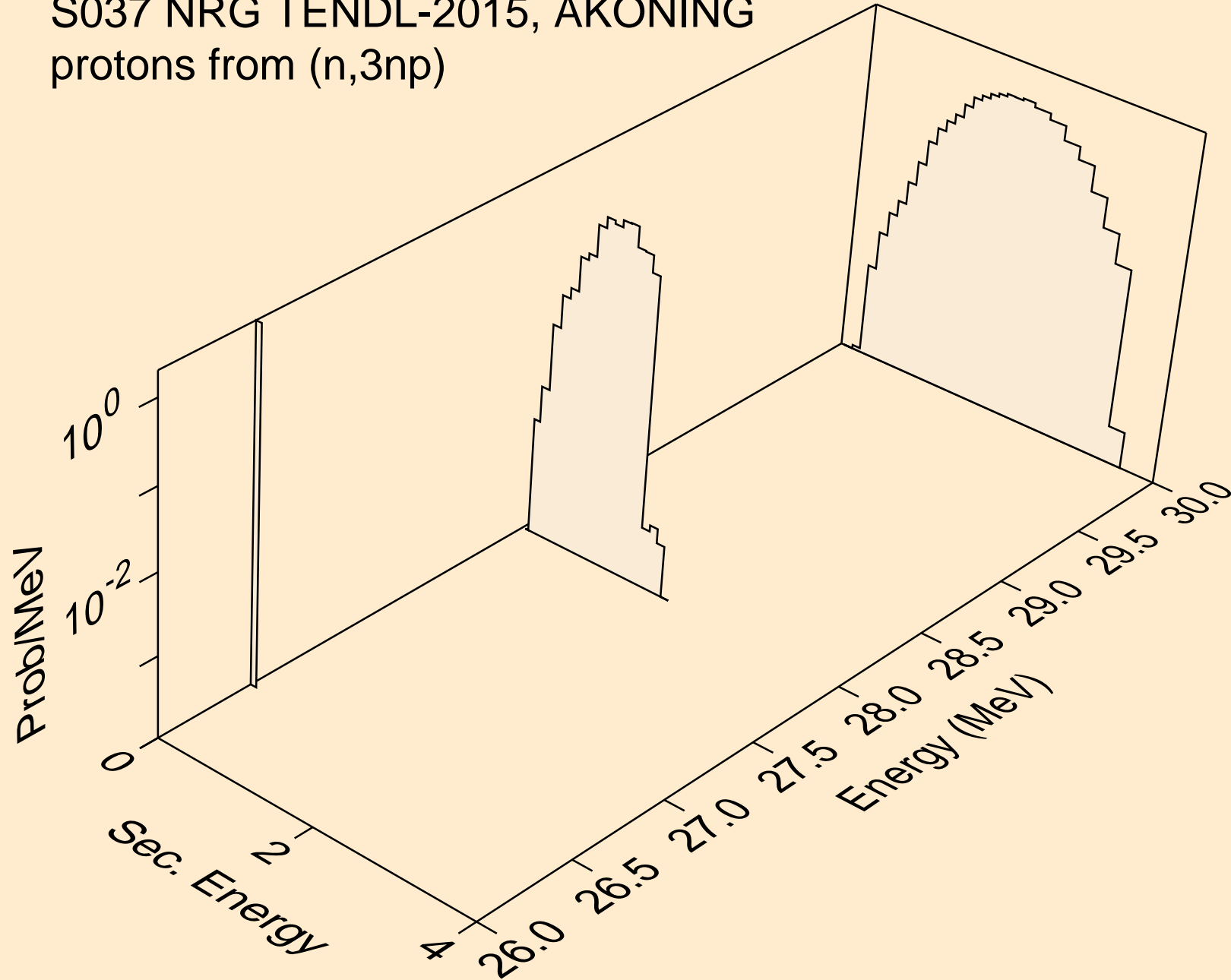
S037 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



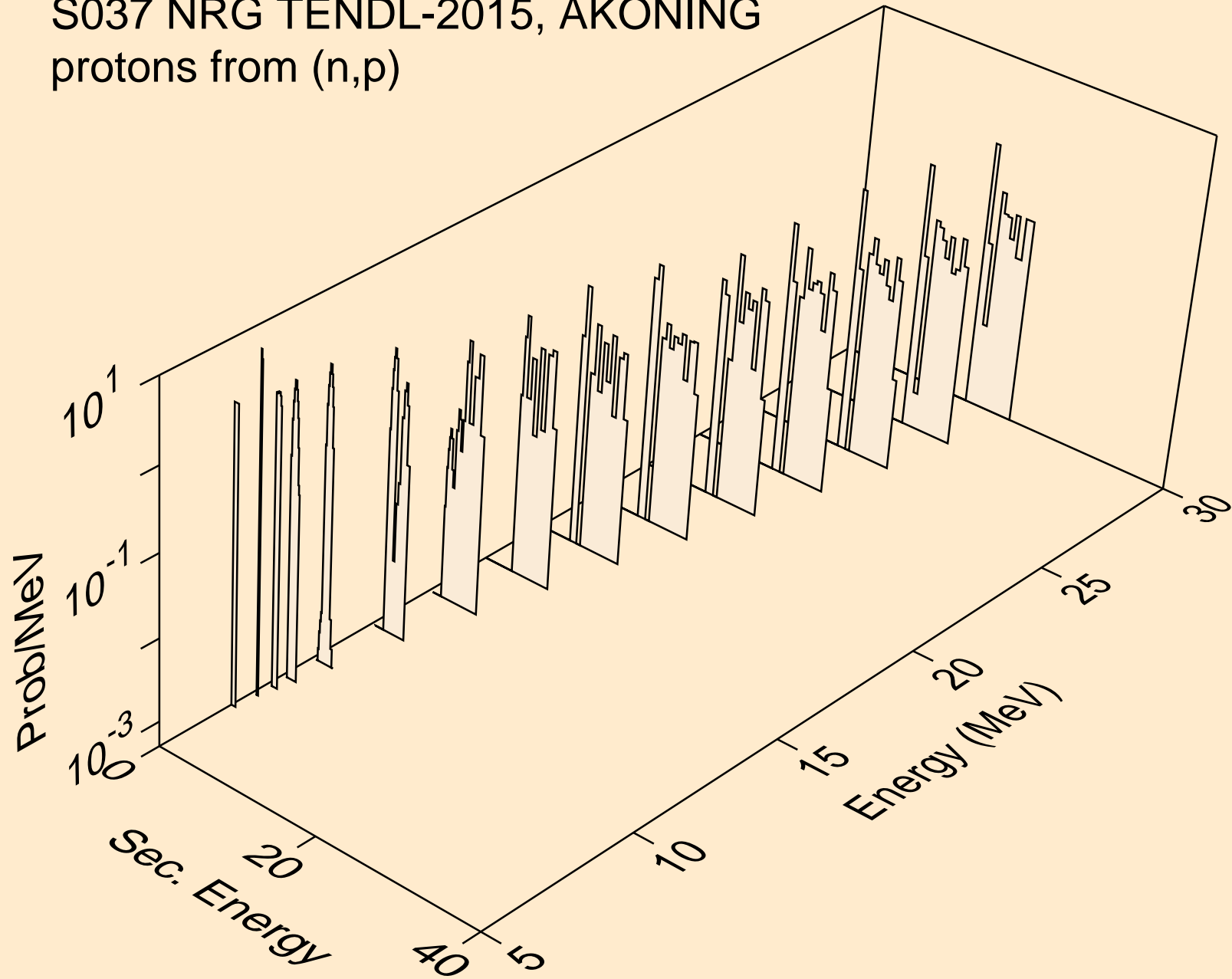
S037 NRG TENDL-2015, AKONING  
protons from (n,2np)



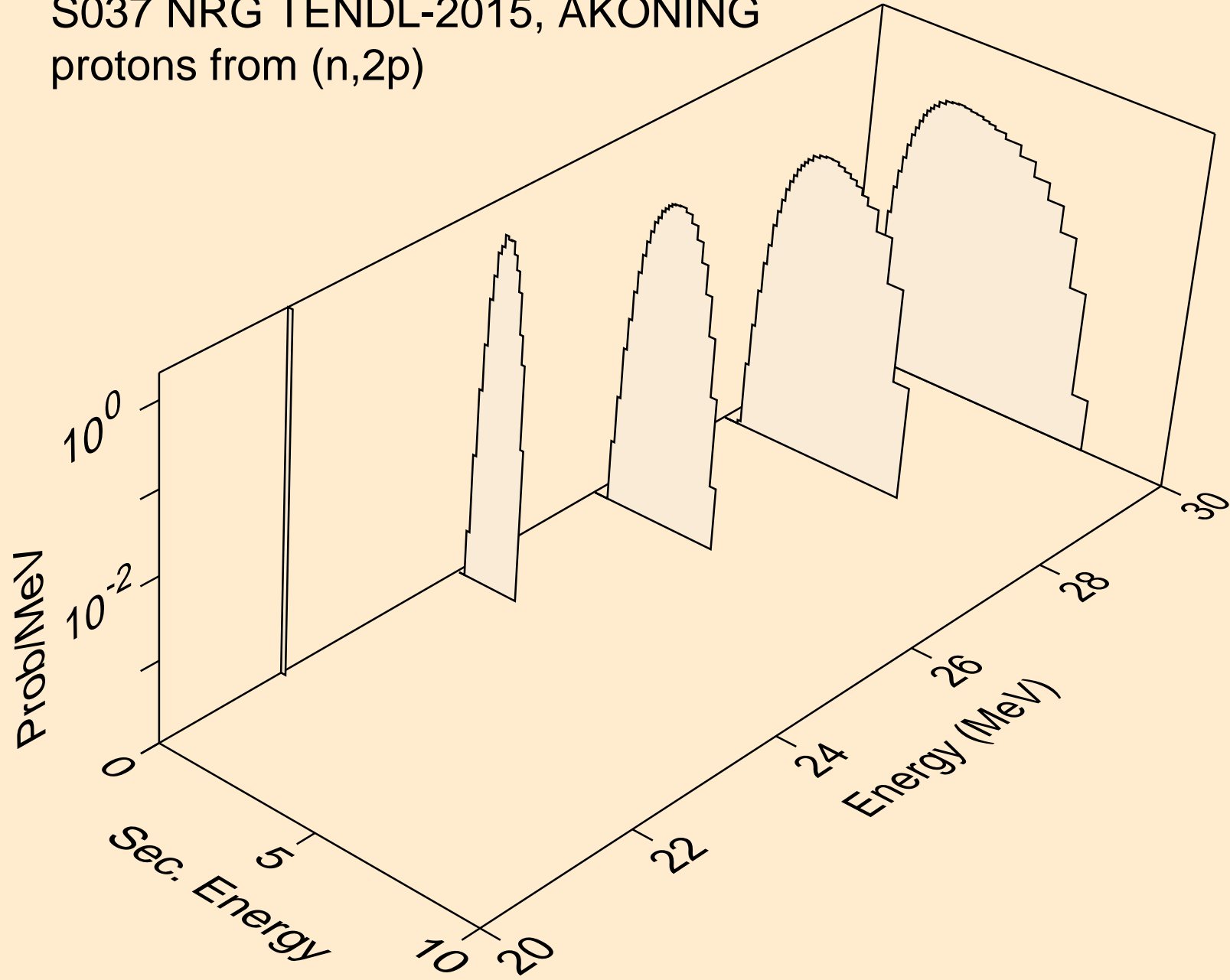
S037 NRG TENDL-2015, AKONING  
protons from (n,3np)



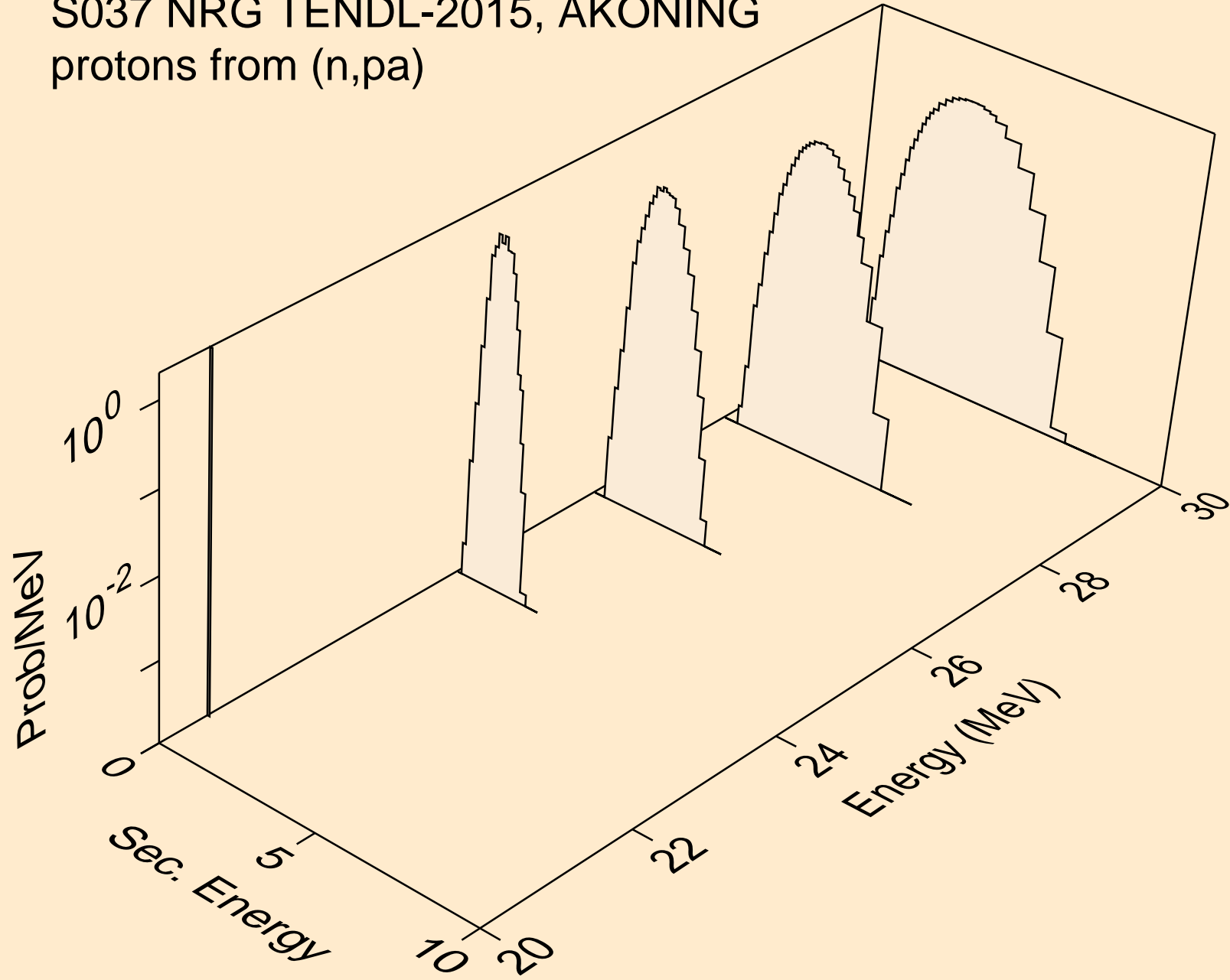
S037 NRG TENDL-2015, AKONING  
protons from (n,p)



S037 NRG TENDL-2015, AKONING  
protons from (n,2p)

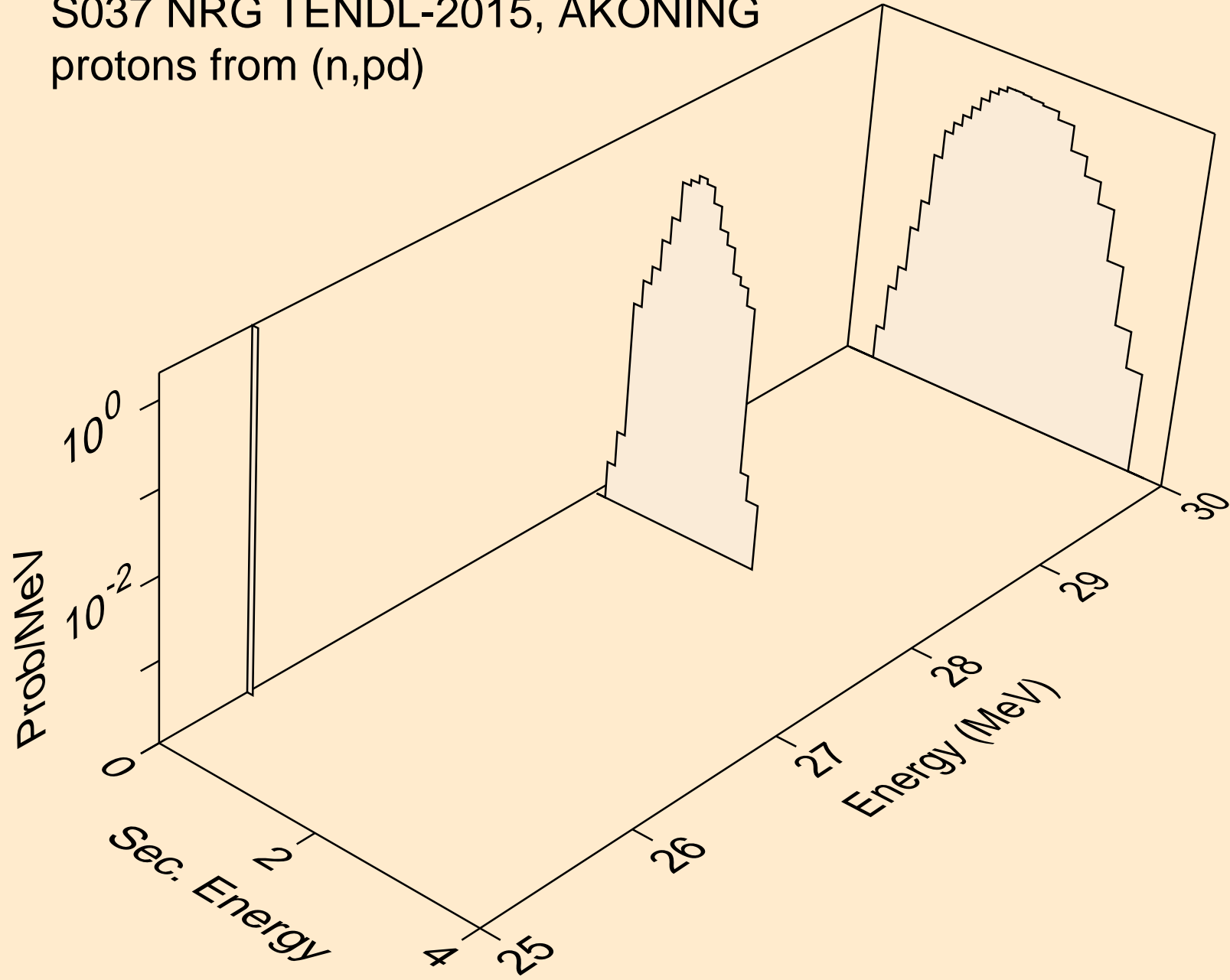


S037 NRG TENDL-2015, AKONING  
protons from (n,pa)

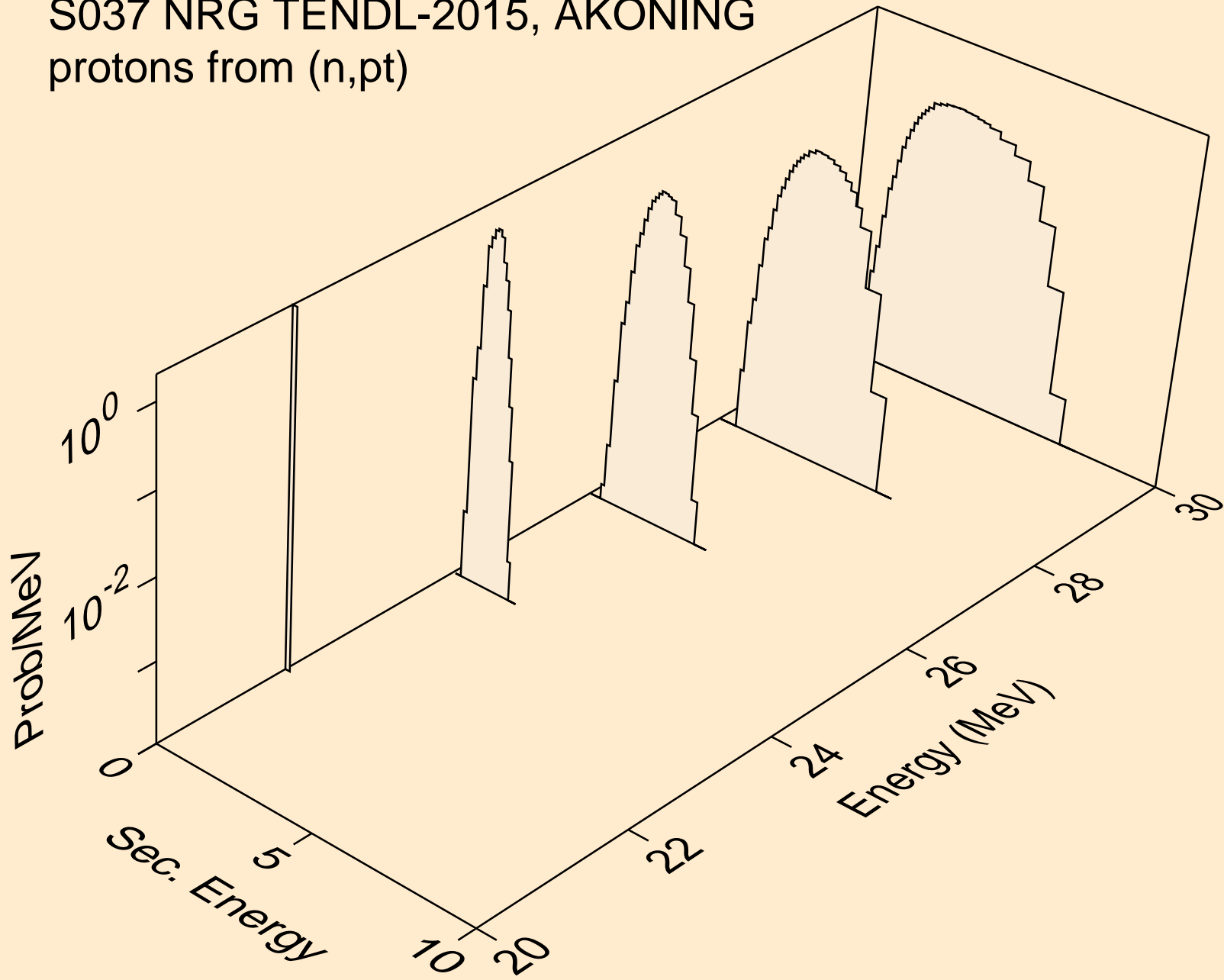




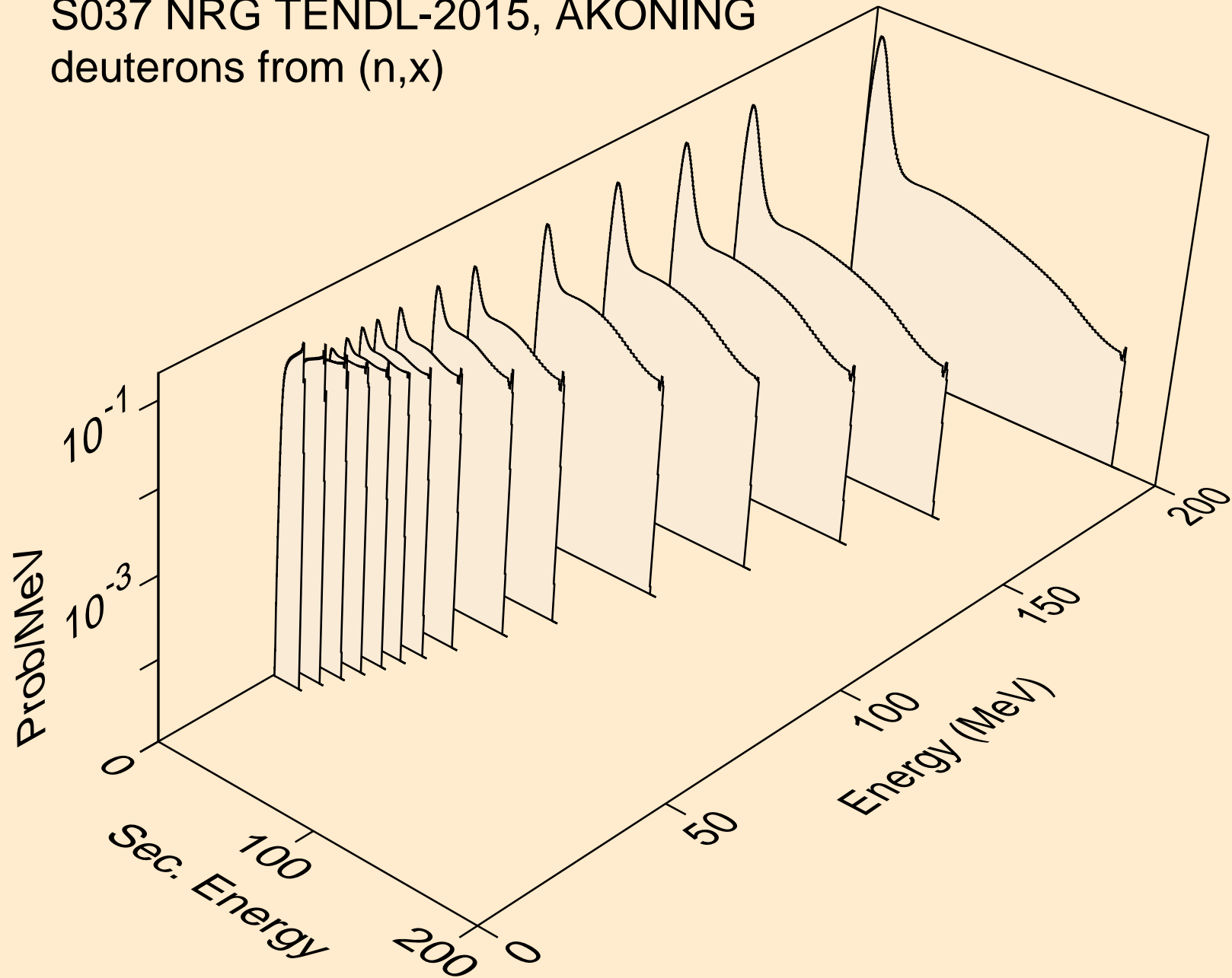
S037 NRG TENDL-2015, AKONING  
protons from (n,pd)



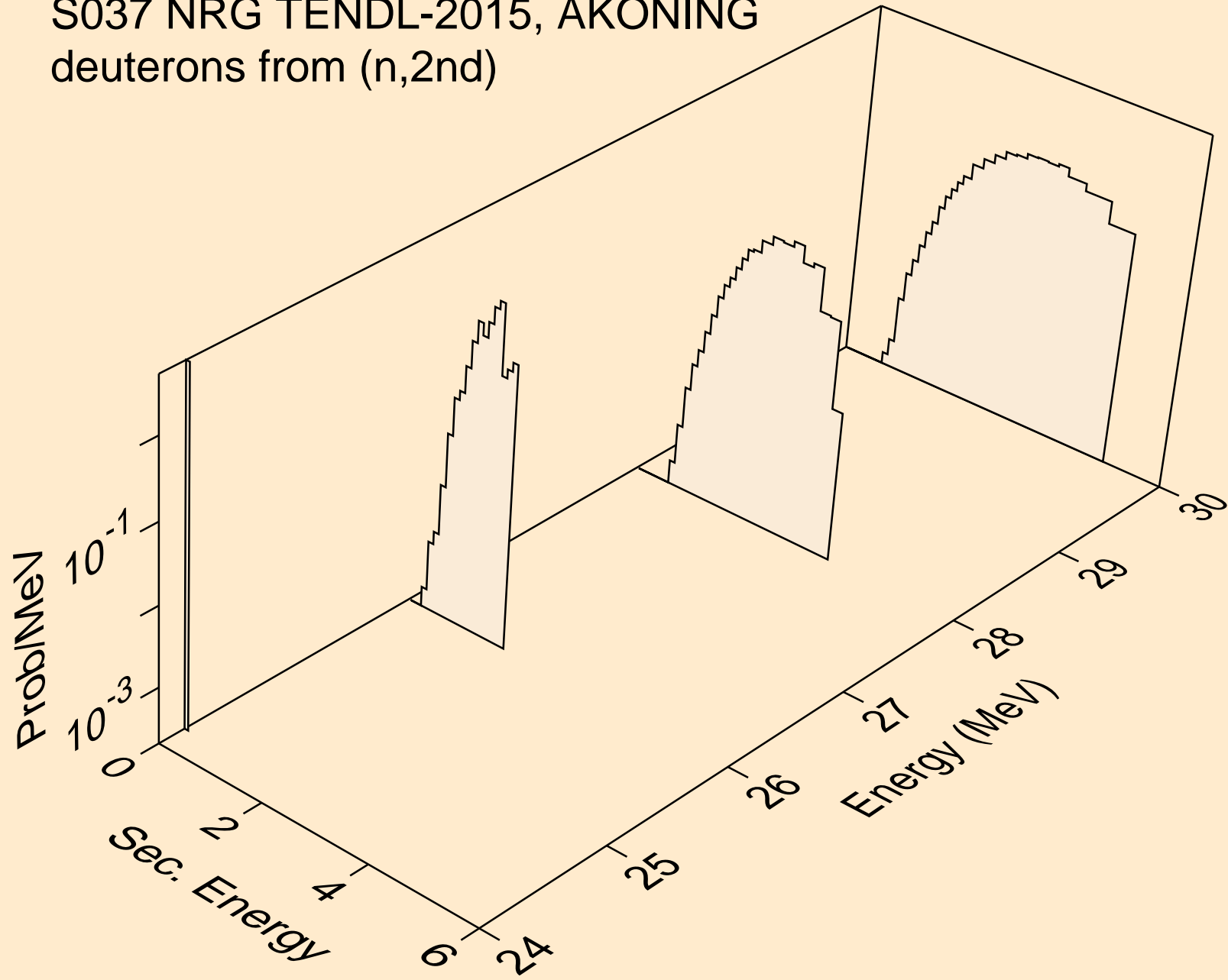
S037 NRG TENDL-2015, AKONING  
protons from (n,pt)



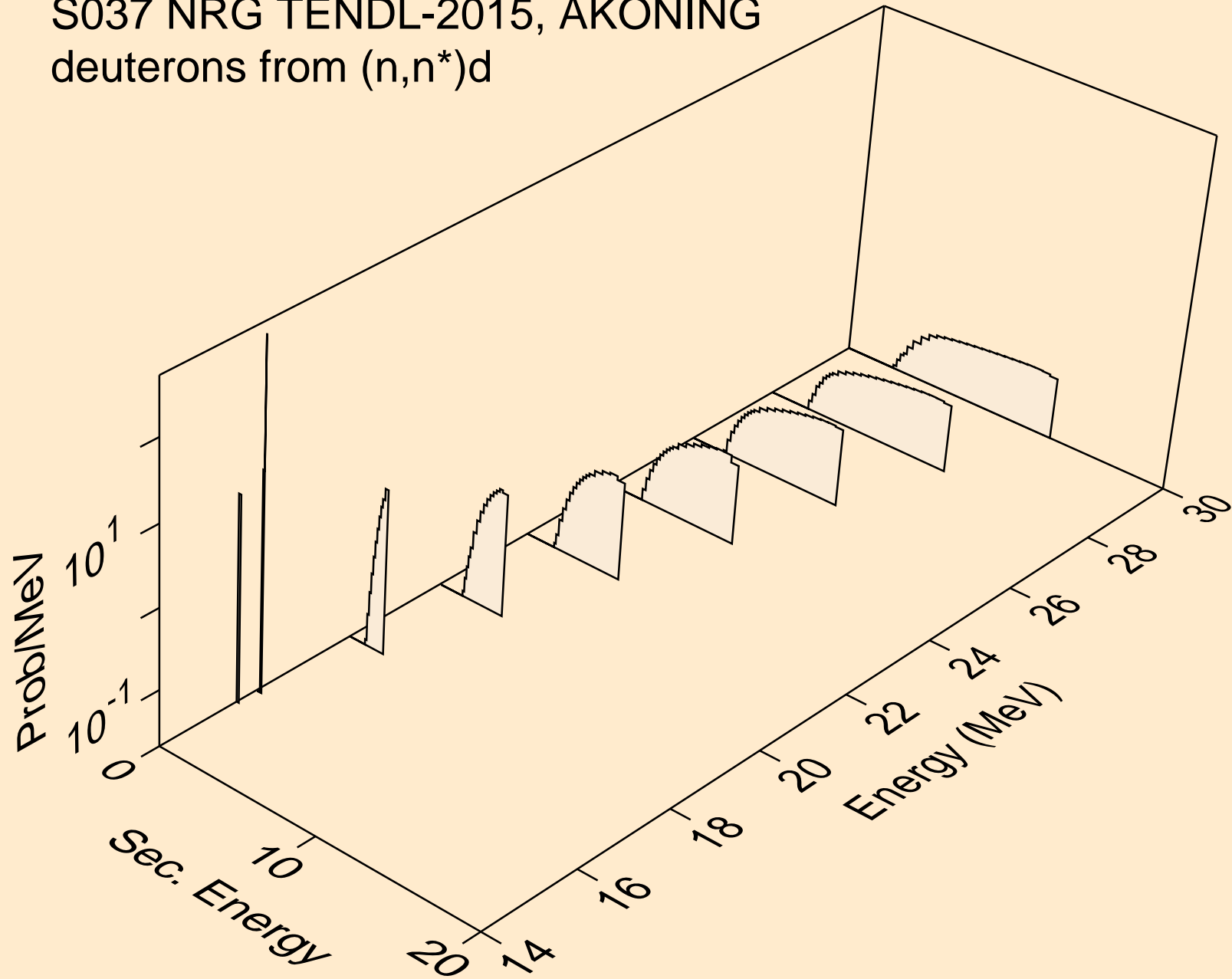
S037 NRG TENDL-2015, AKONING  
deuterons from (n,x)



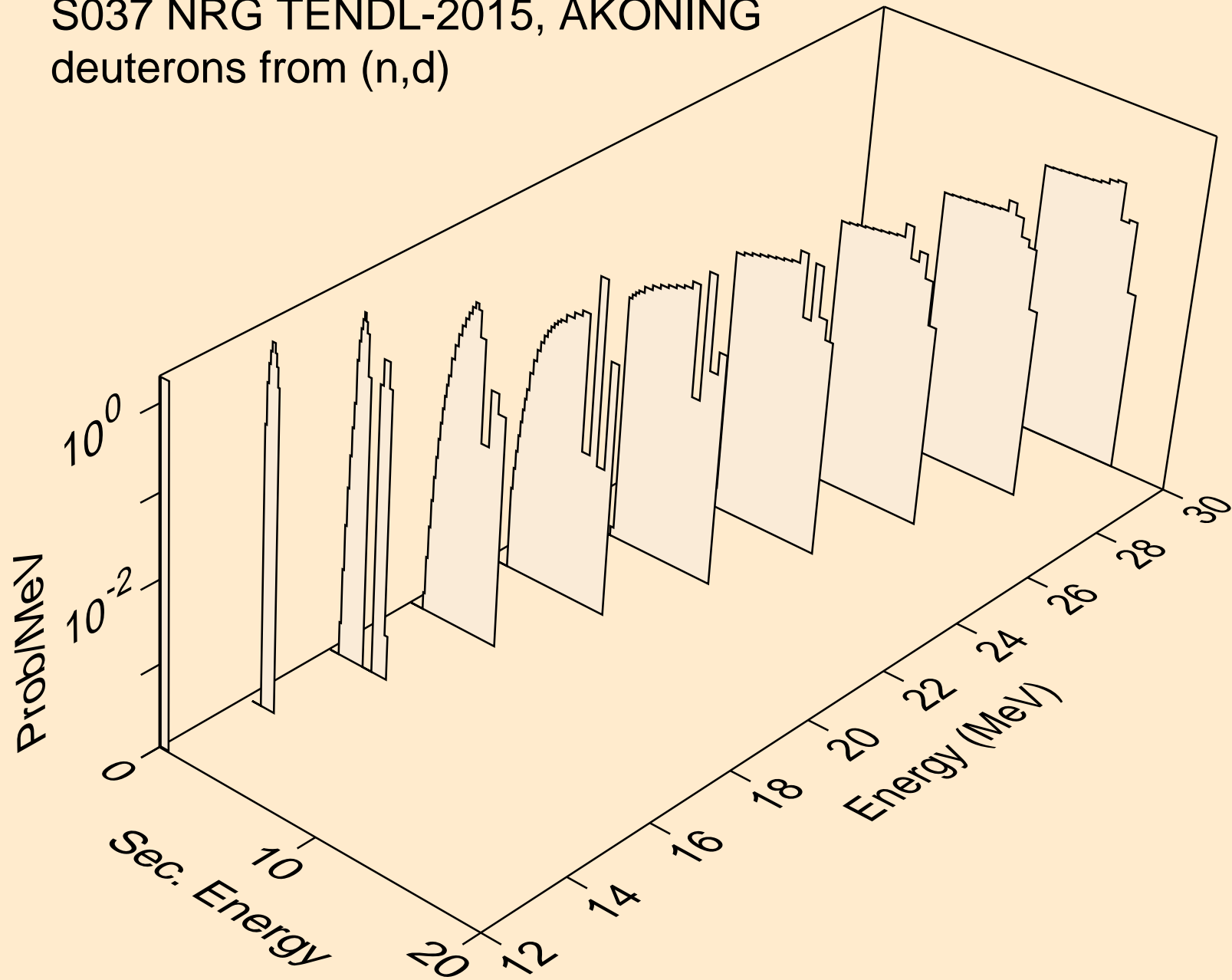
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deuterons from (n,2nd)



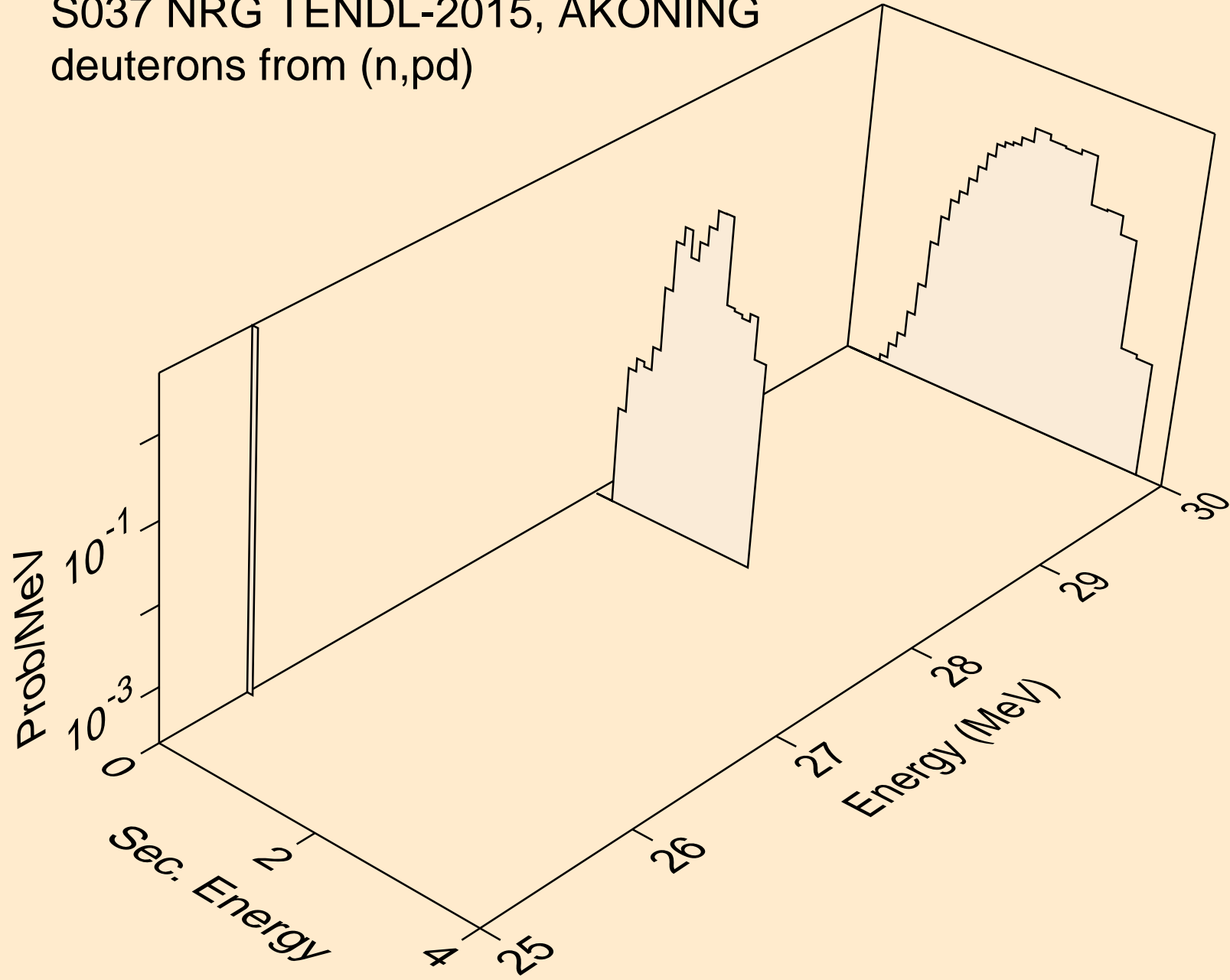
S037 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



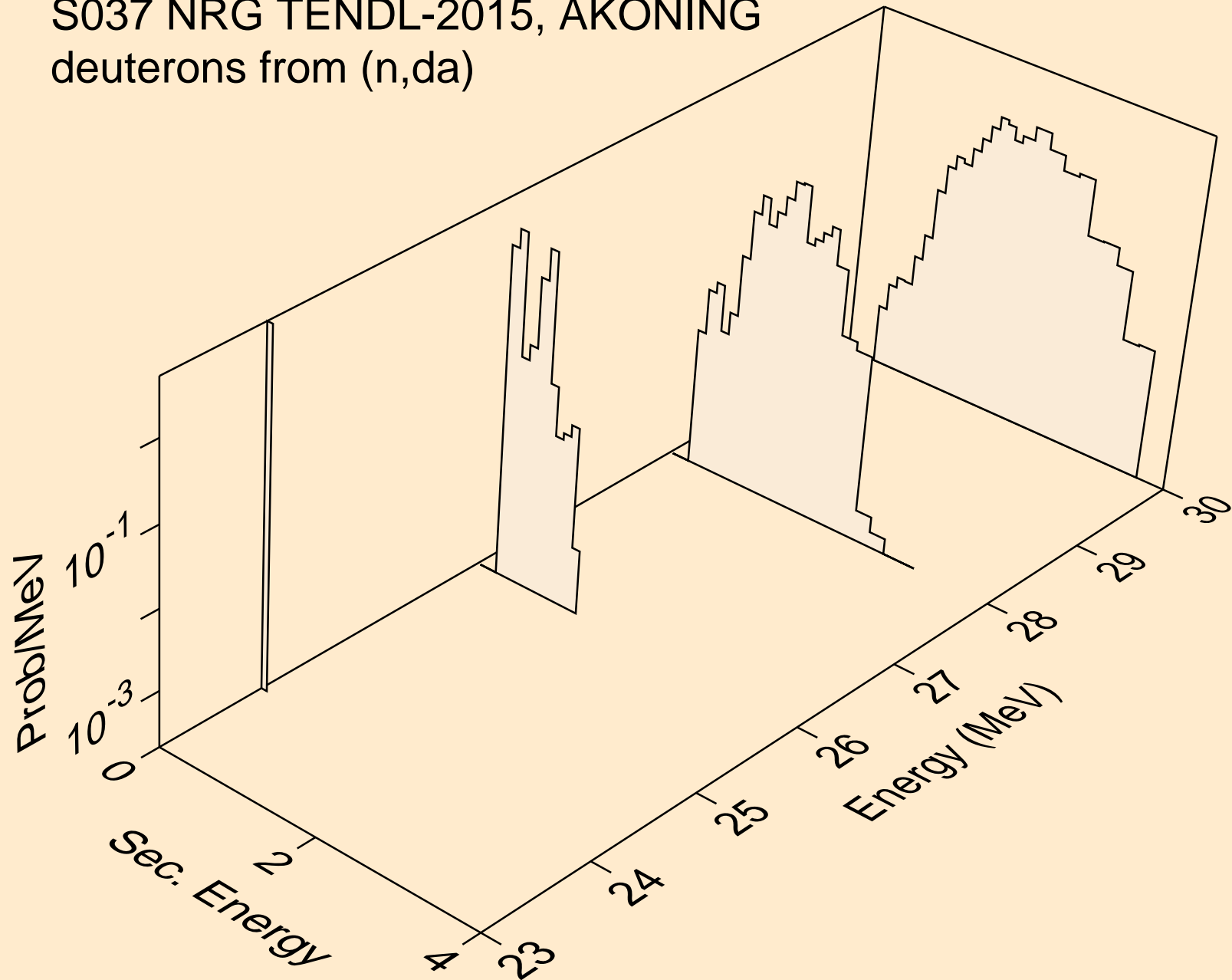
S037 NRG TENDL-2015, AKONING  
deuterons from (n,d)



S037 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

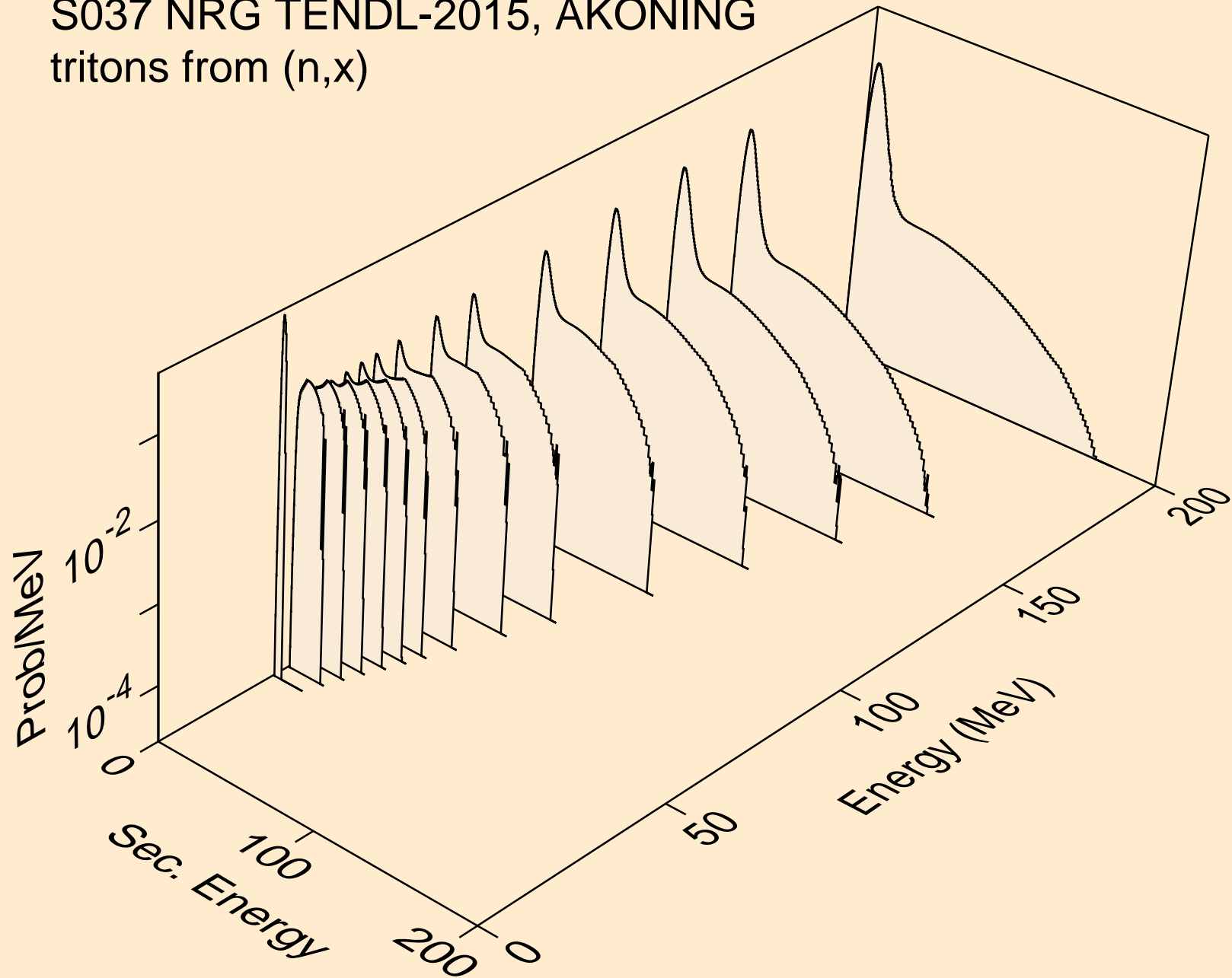


S037 NRG TENDL-2015, AKONING  
deuterons from (n,da)

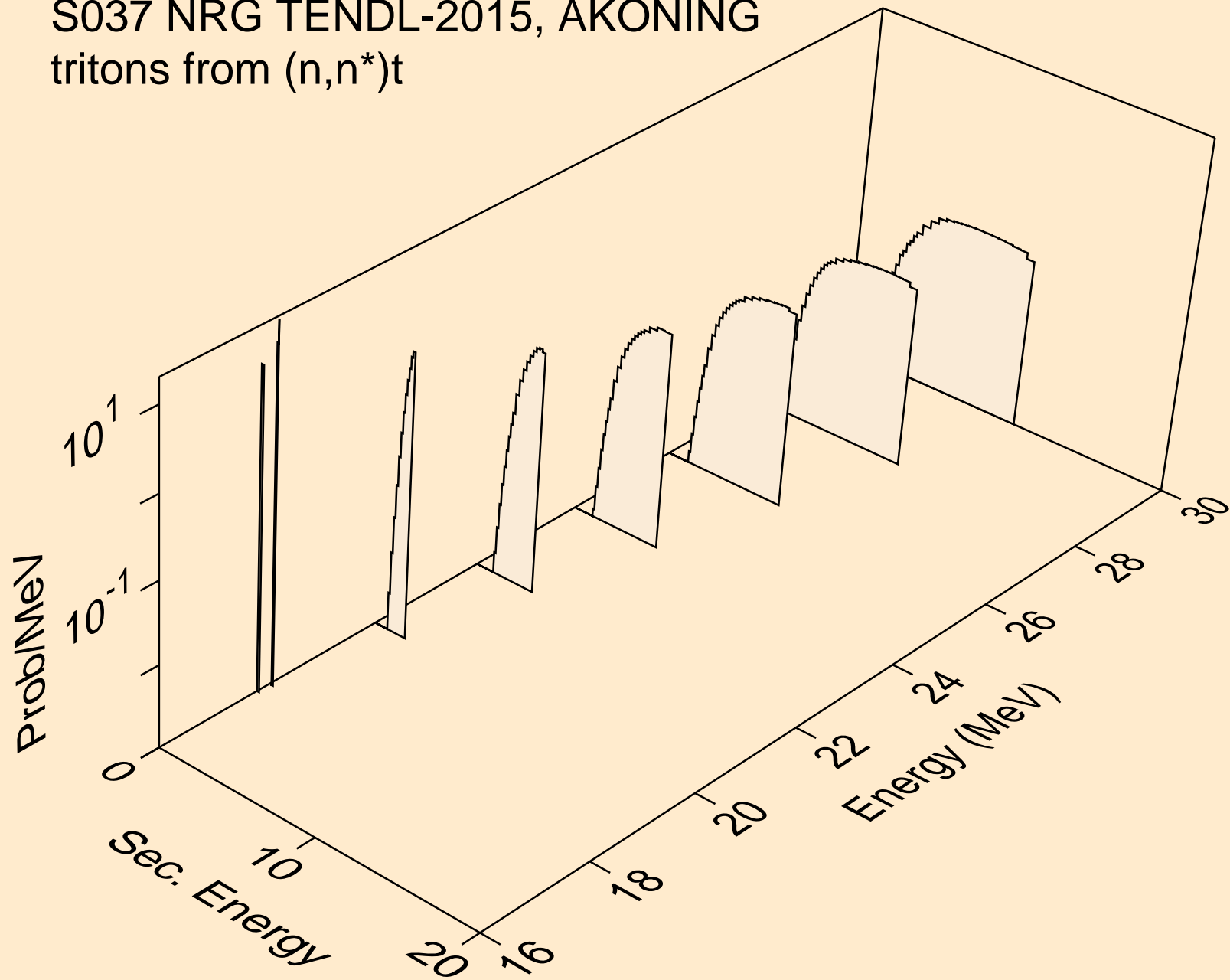




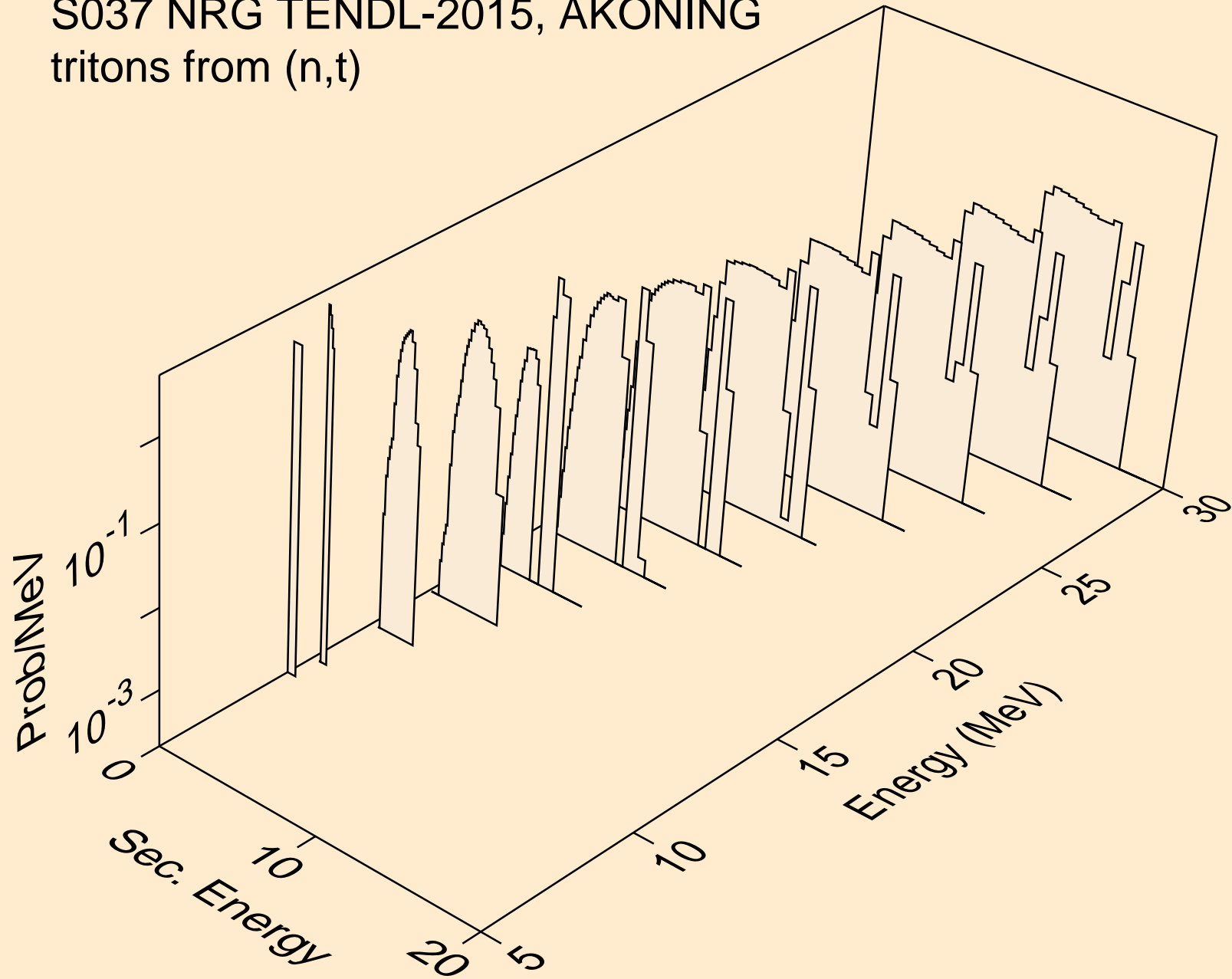
S037 NRG TENDL-2015, AKONING  
tritons from (n,x)



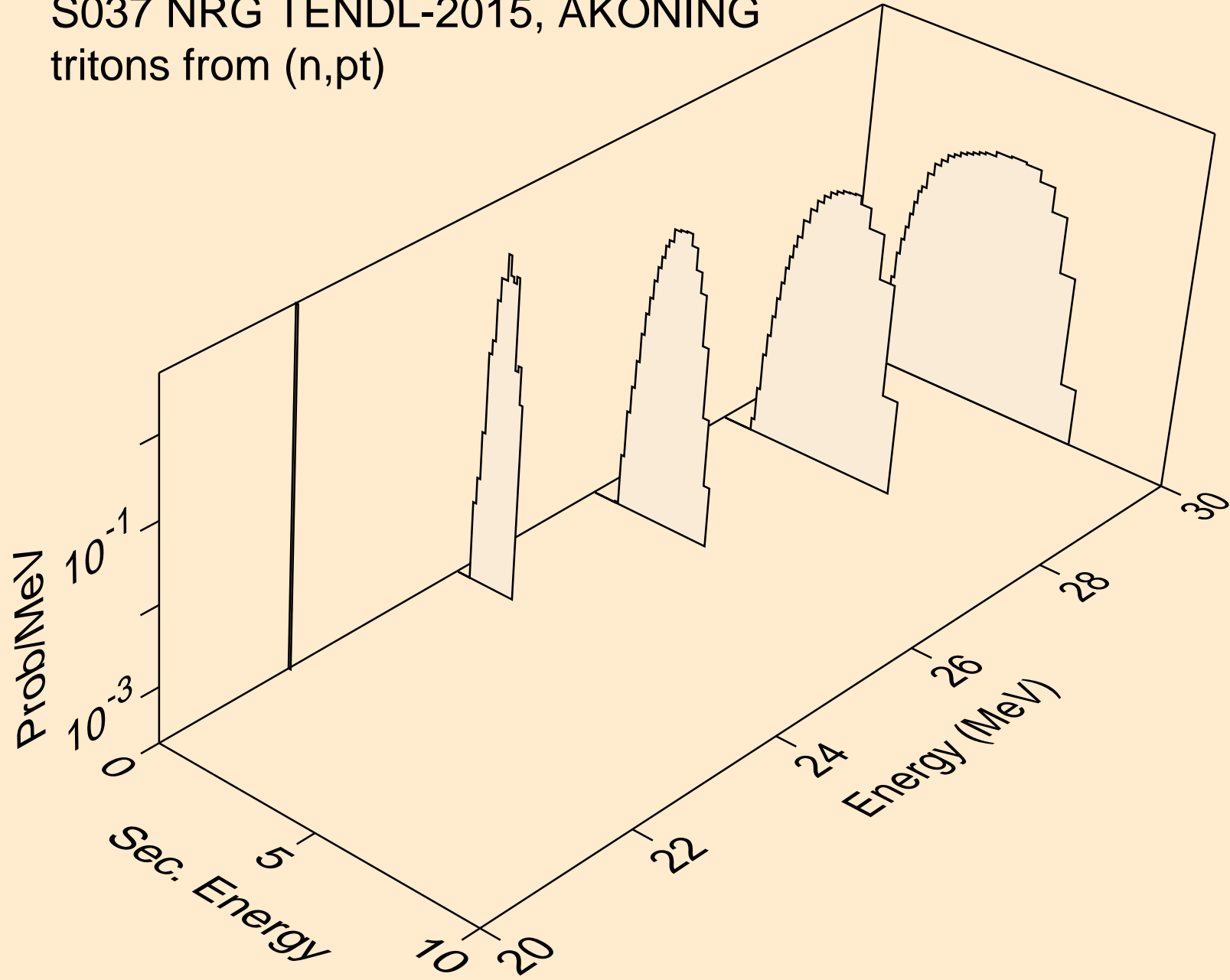
S037 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



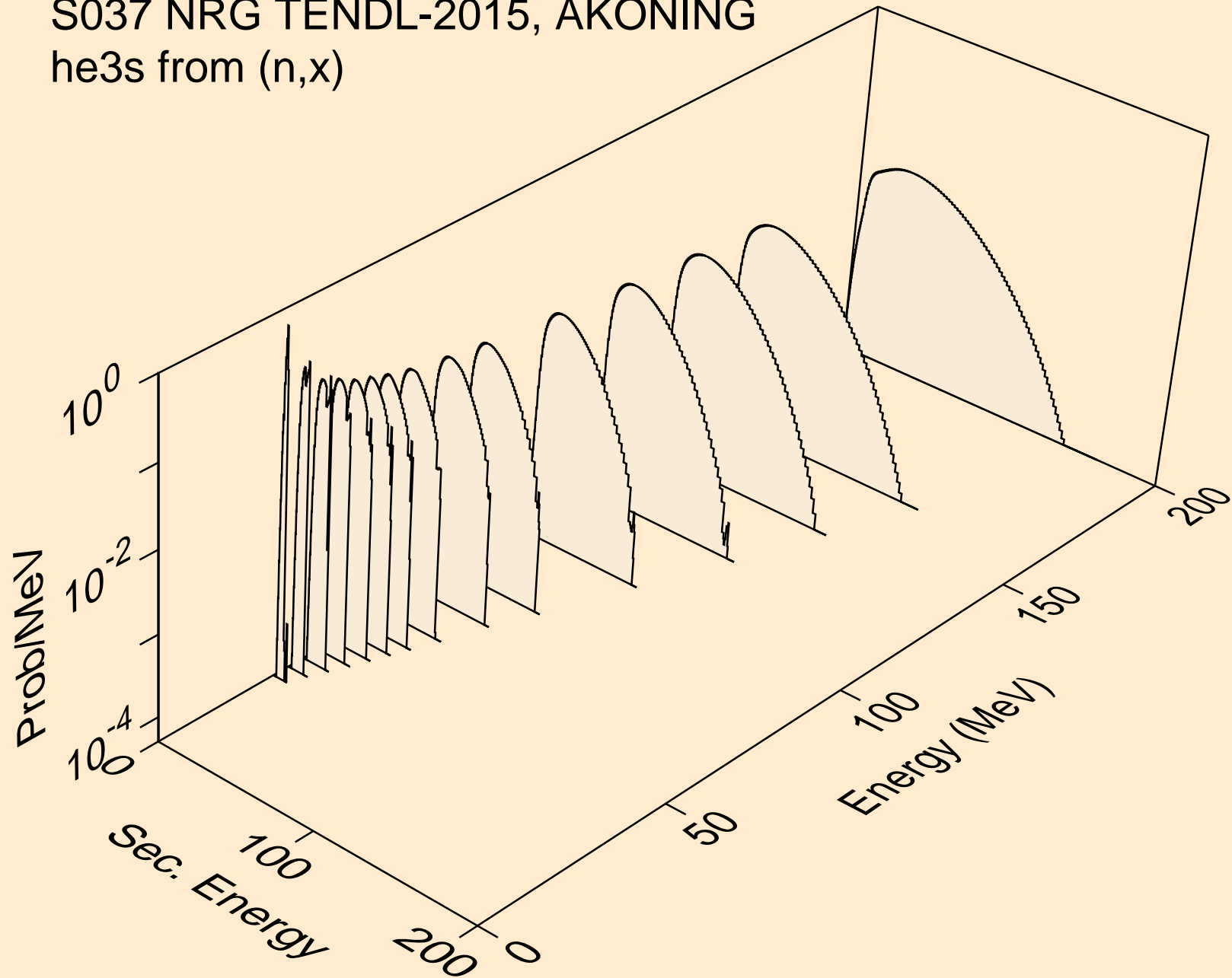
S037 NRG TENDL-2015, AKONING  
tritons from (n,t)



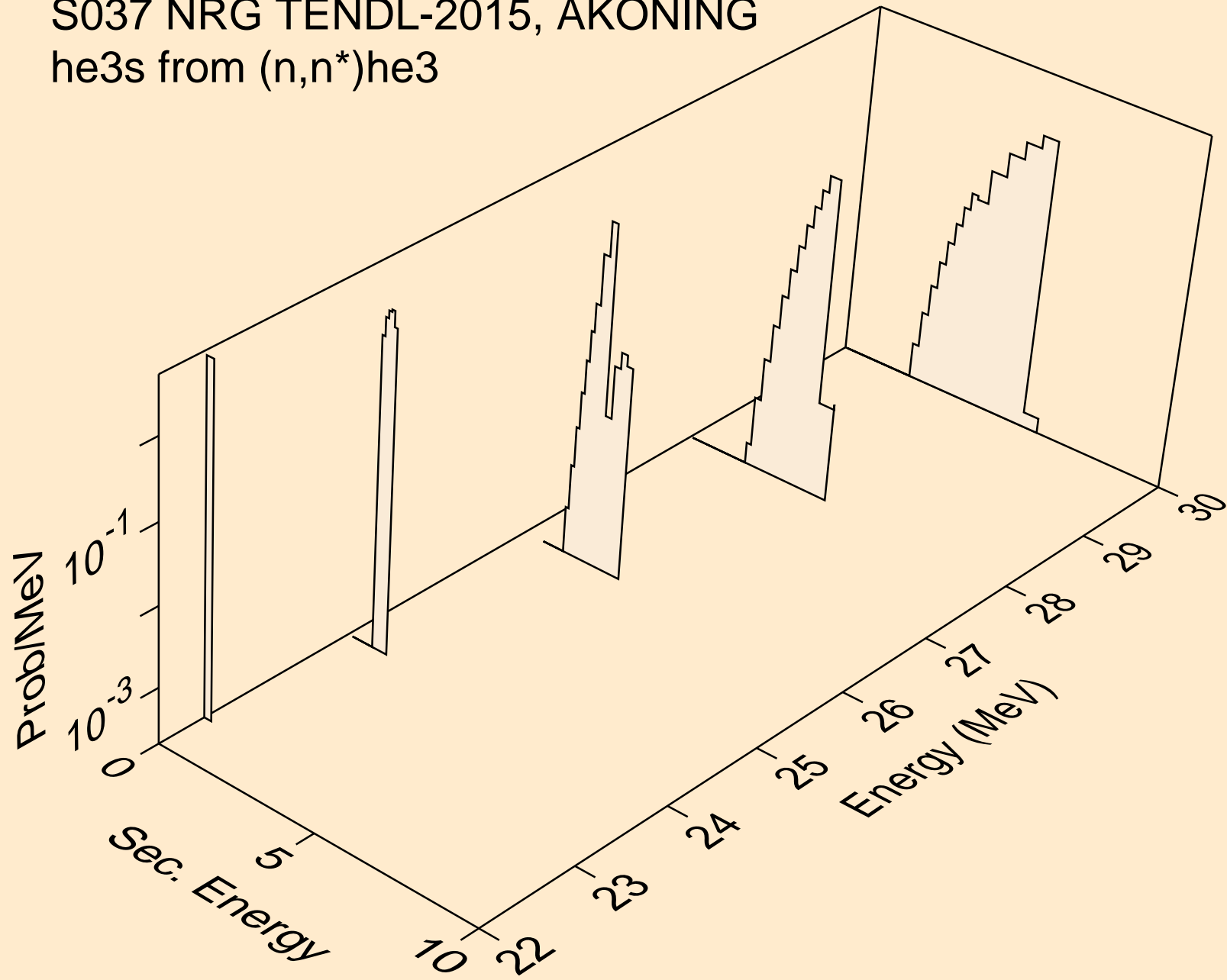
S037 NRG TENDL-2015, AKONING  
tritons from (n,pt)



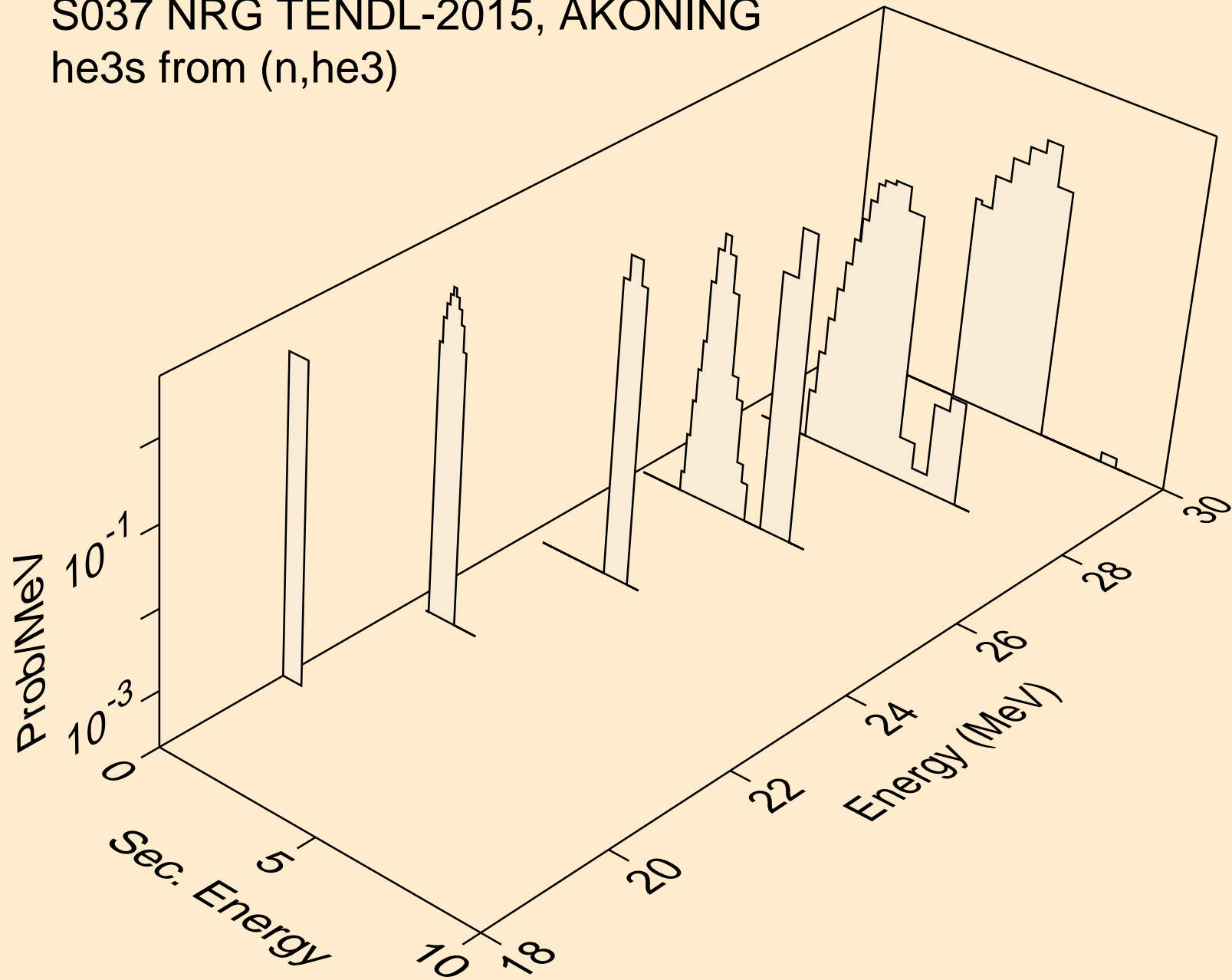
S037 NRG TENDL-2015, AKONING  
he3s from (n,x)



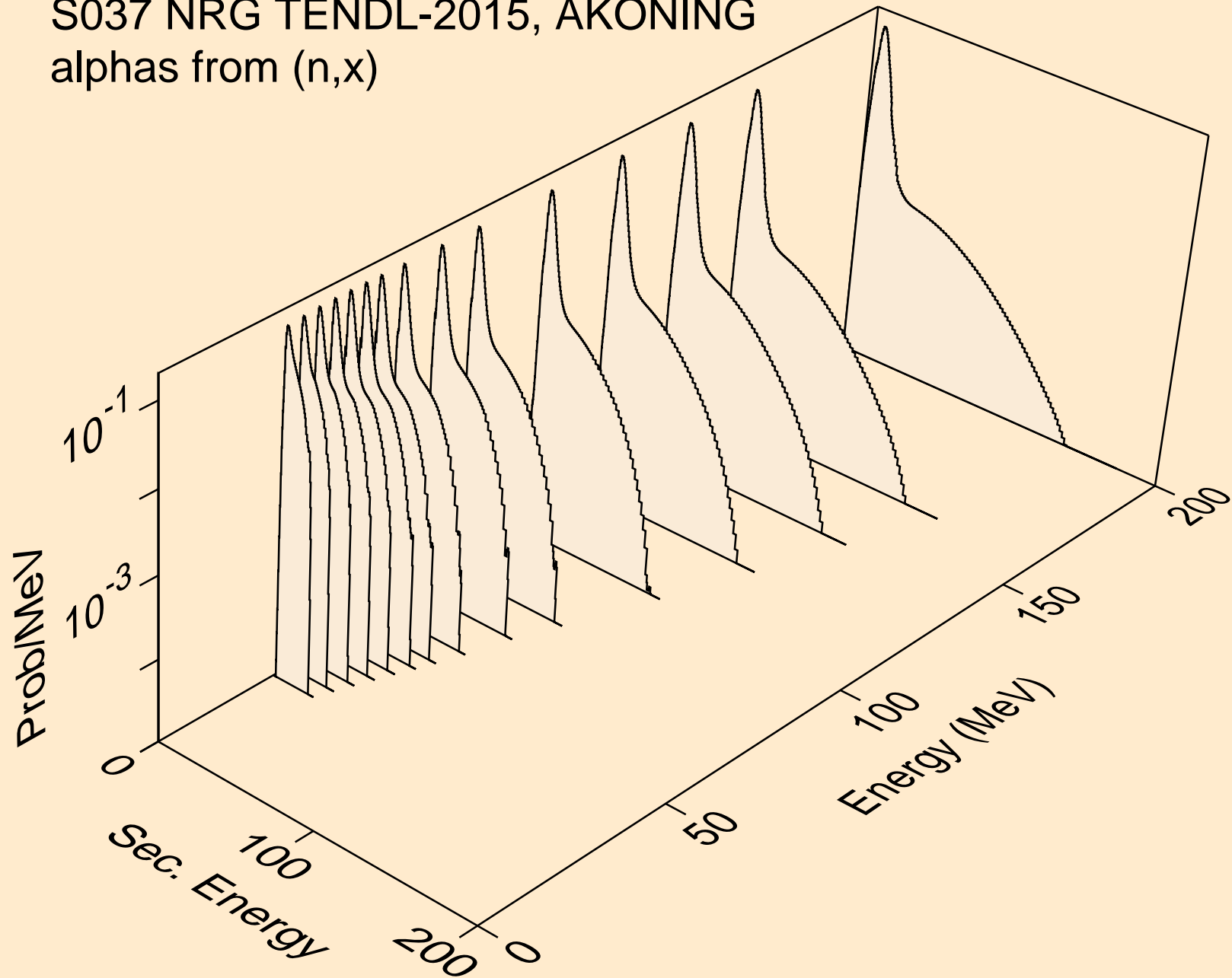
S037 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



S037 NRG TENDL-2015, AKONING  
he3s from (n,he3)

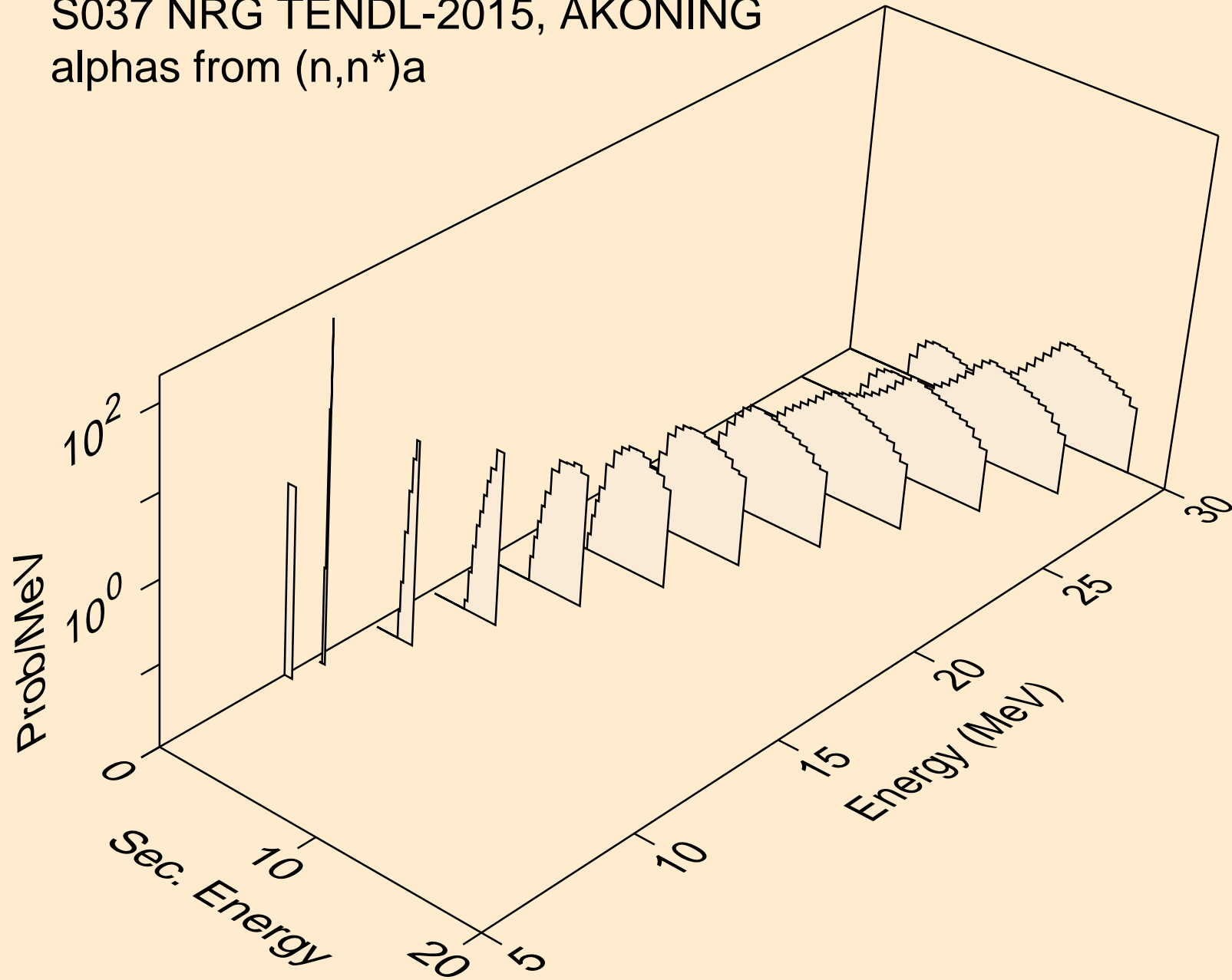


S037 NRG TENDL-2015, AKONING  
alphas from (n,x)

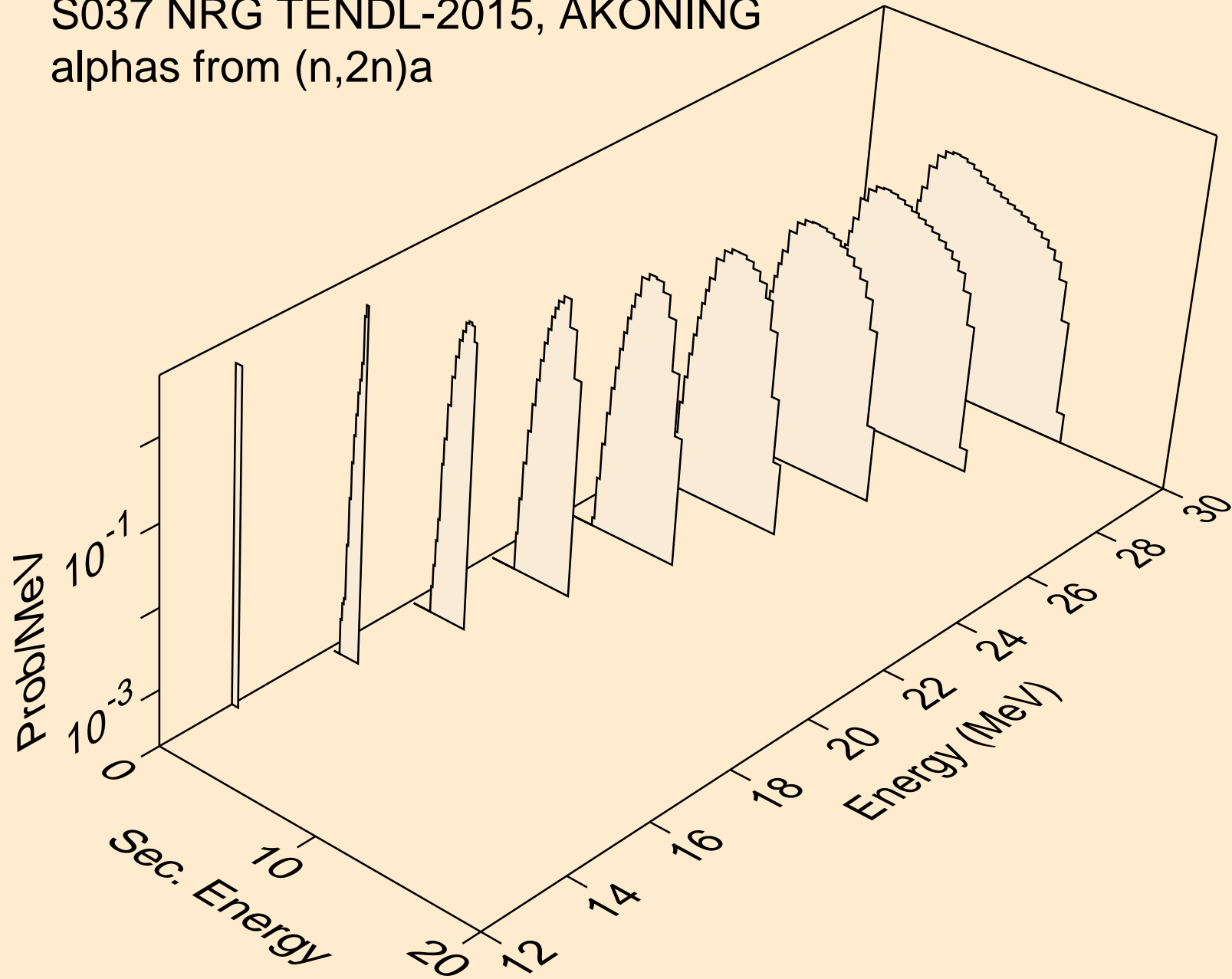




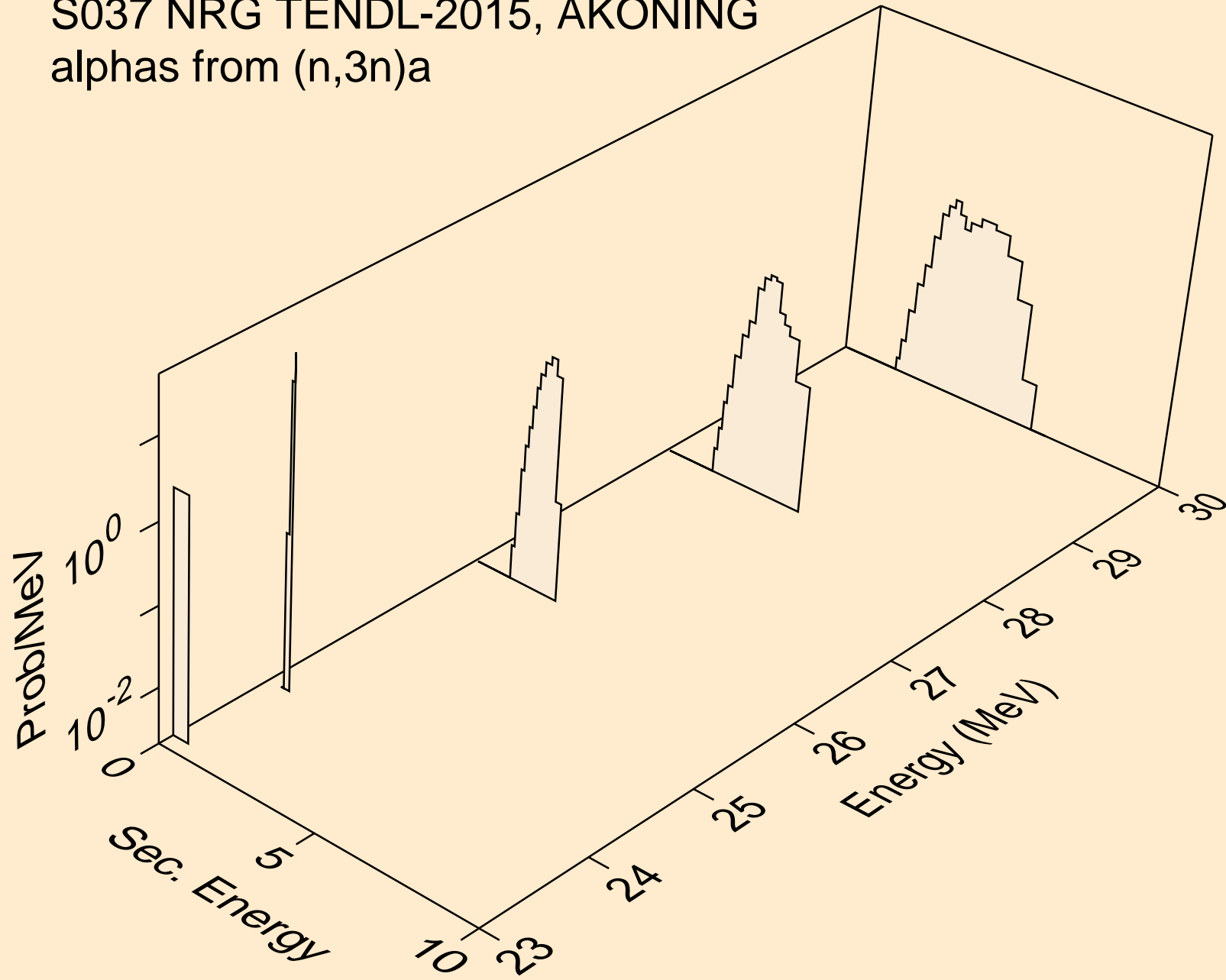
S037 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



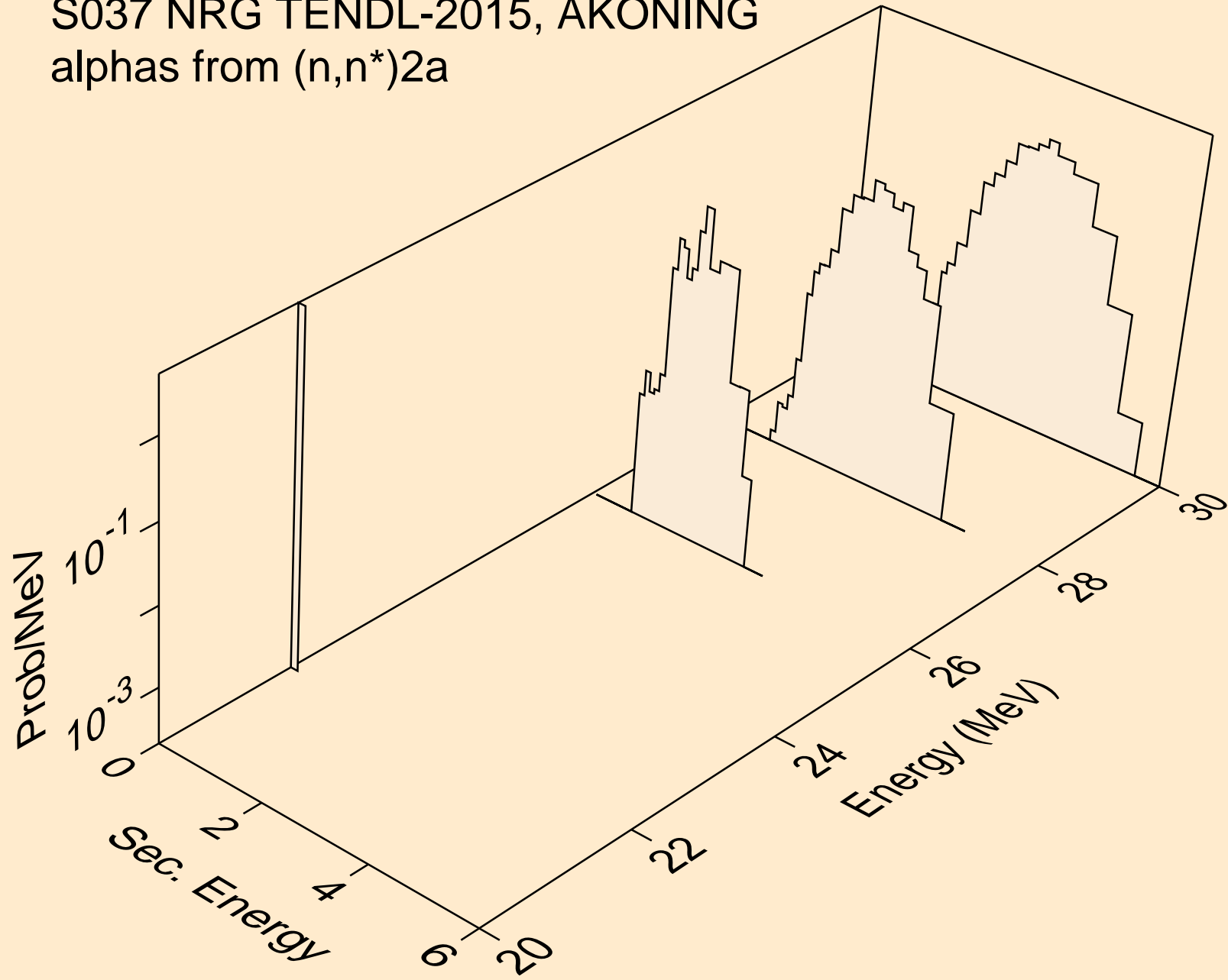
S037 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



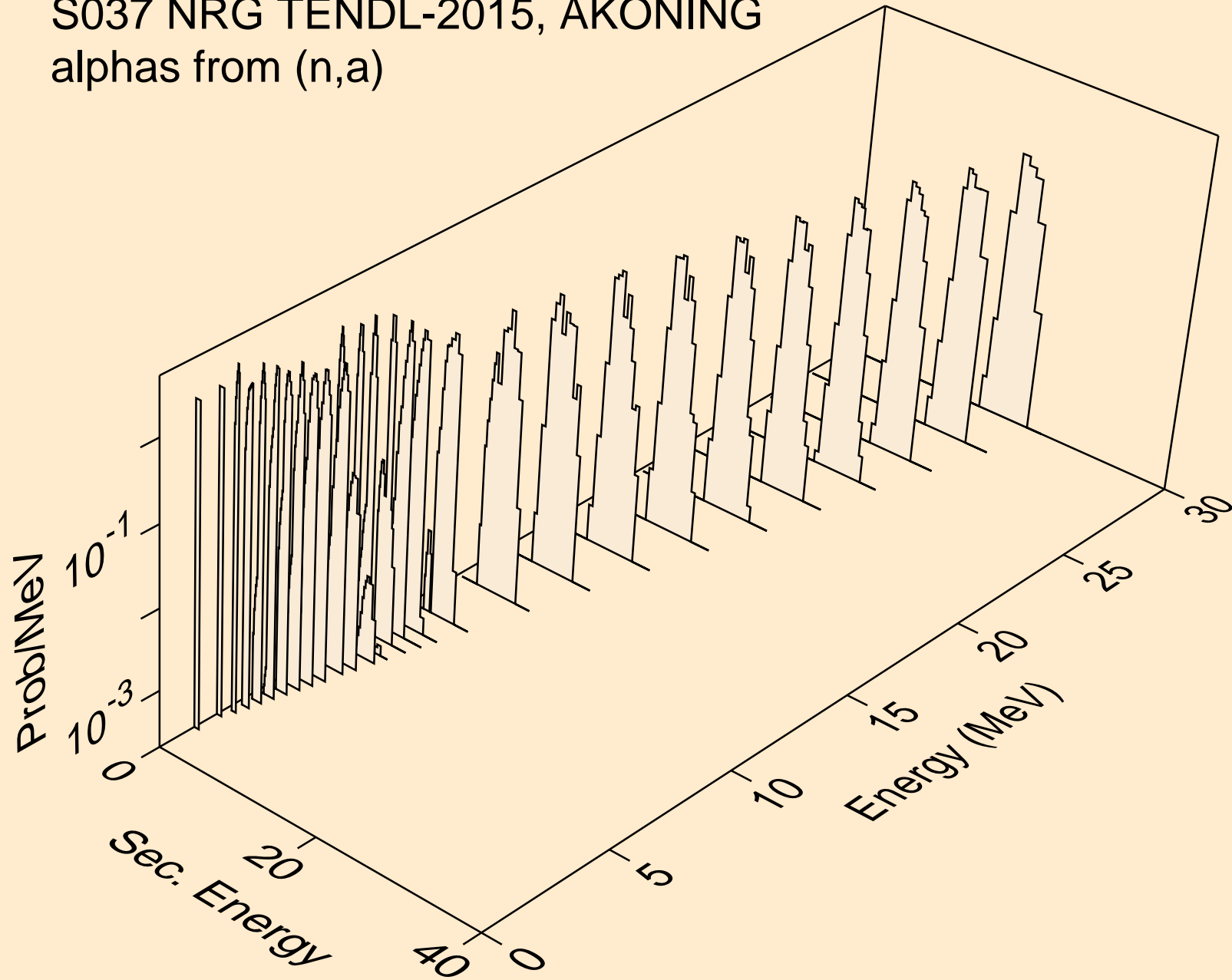
S037 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



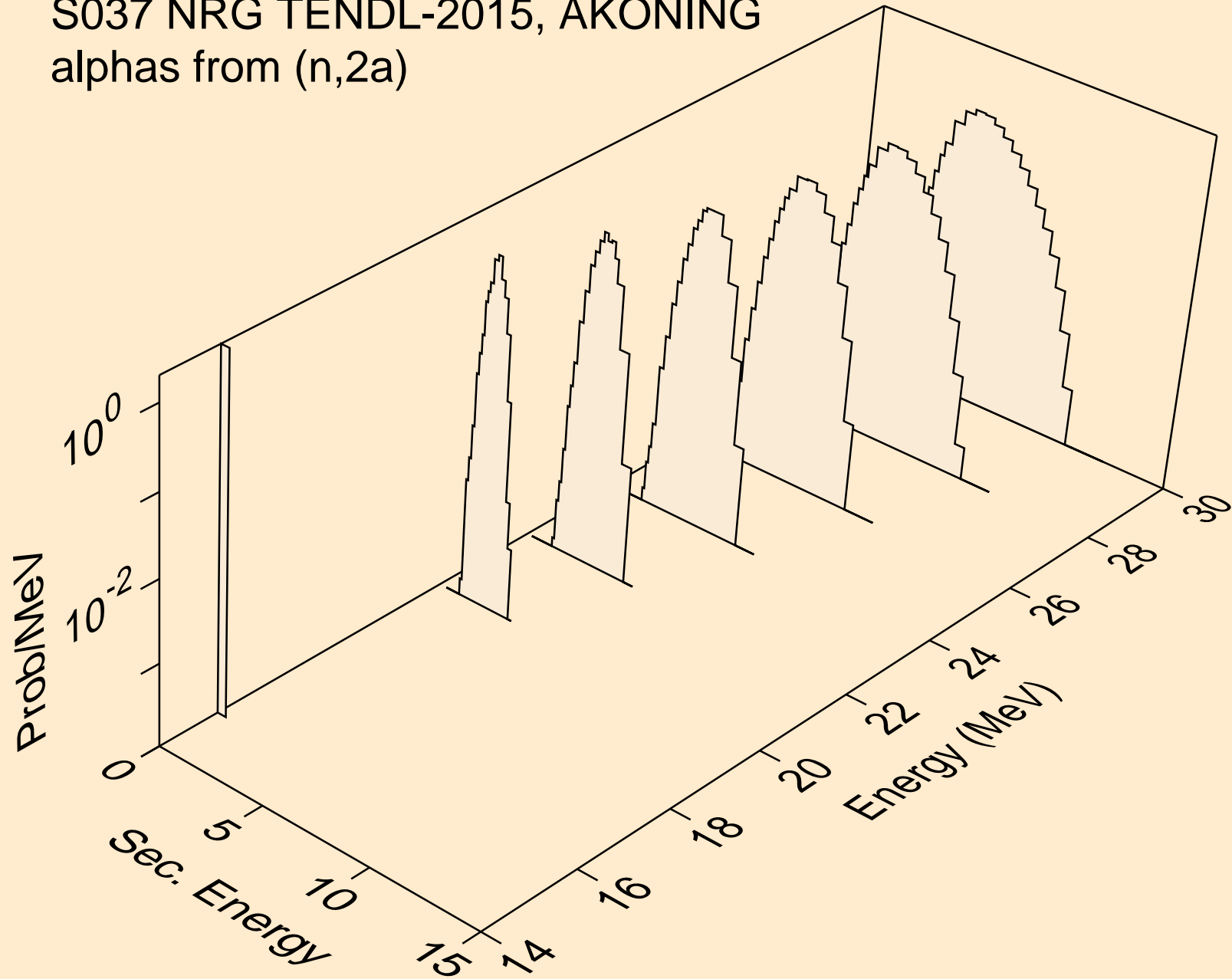
S037 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



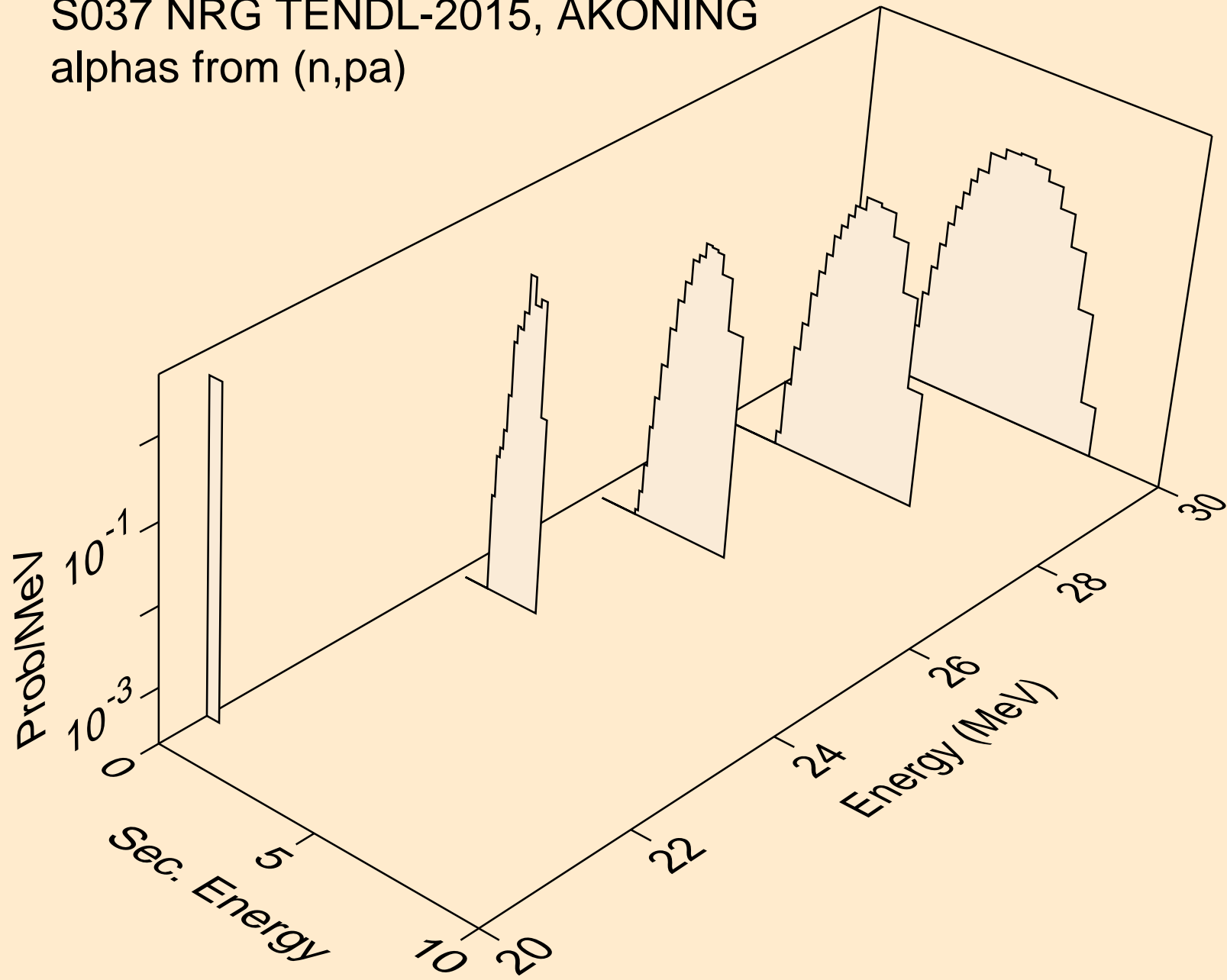
S037 NRG TENDL-2015, AKONING  
alphas from (n,a)



S037 NRG TENDL-2015, AKONING  
alphas from (n,2a)



S037 NRG TENDL-2015, AKONING  
alphas from (n,pa)



S037 NRG TENDL-2015, AKONING  
alphas from (n,da)

