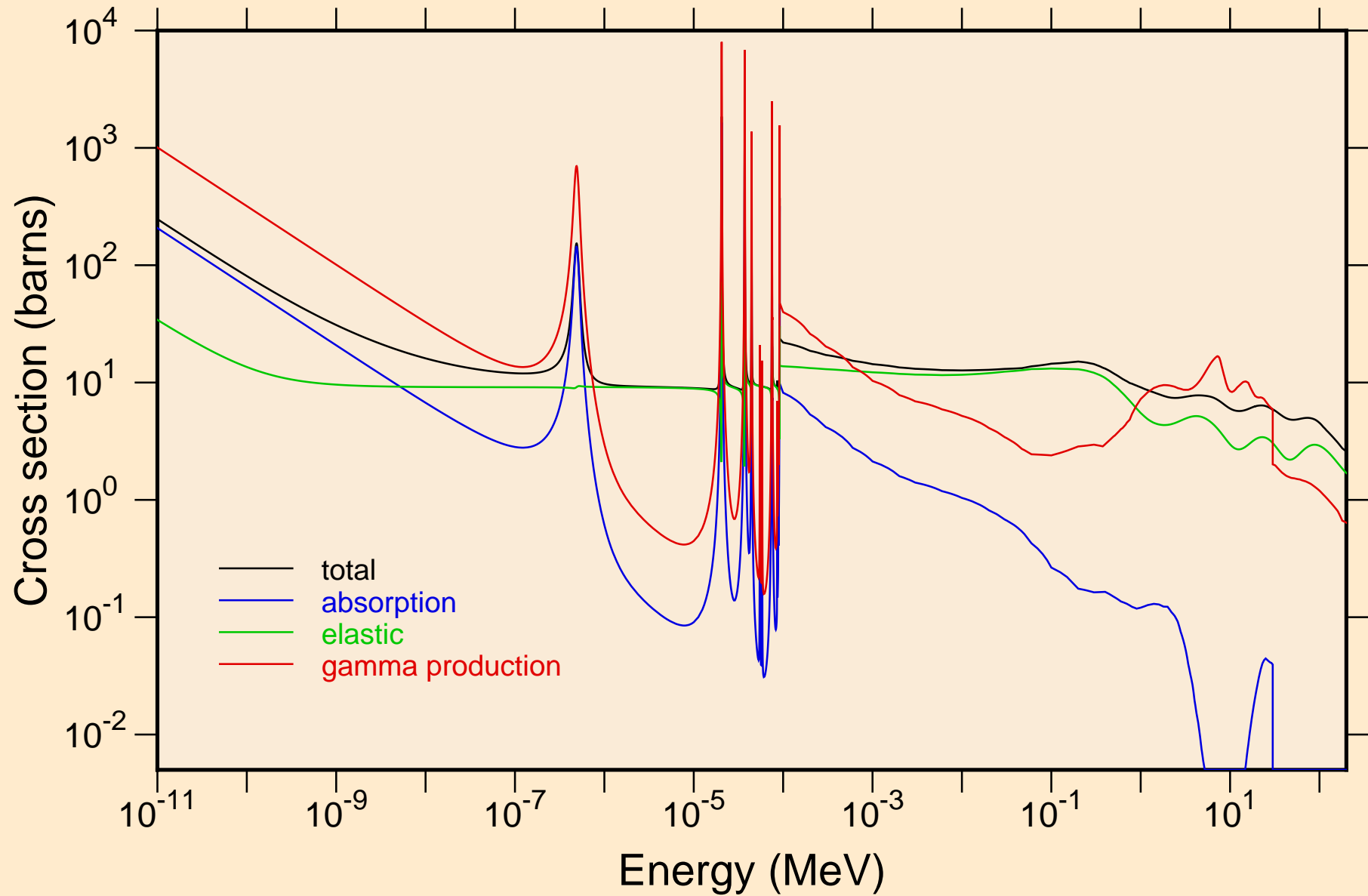


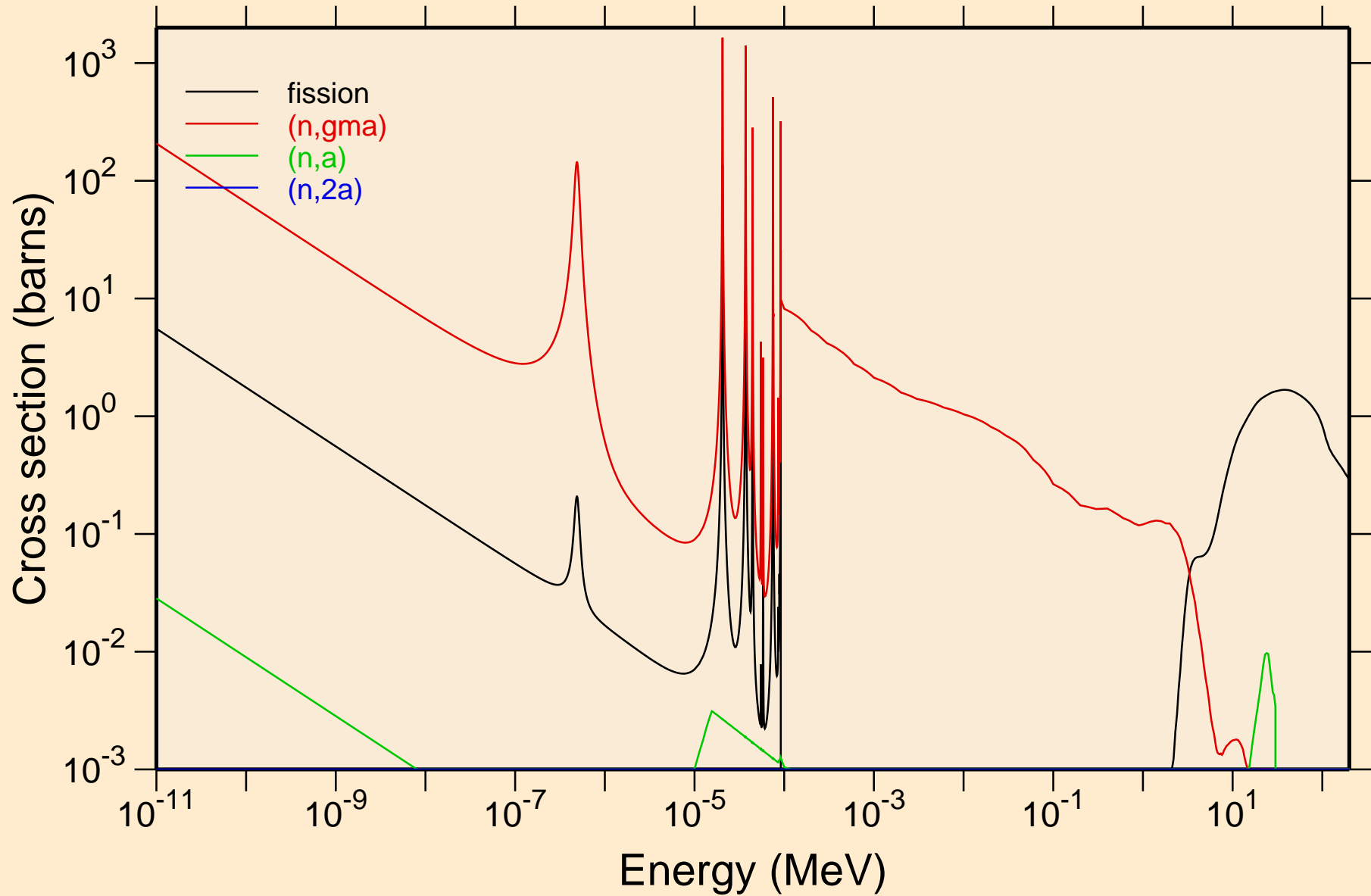
# FM252 NRG TENDL-2015, AKONING

## Principal cross sections



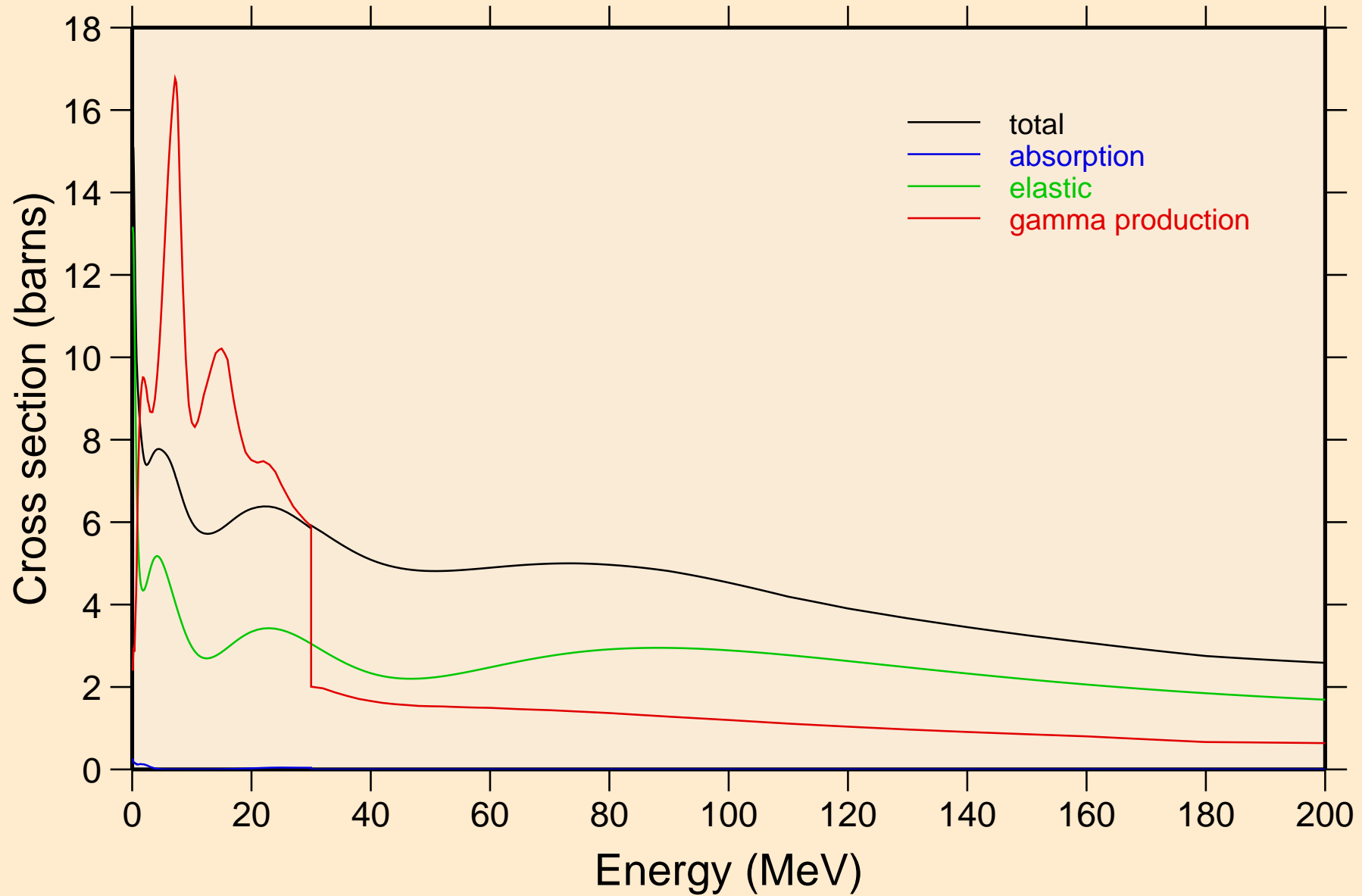
# FM252 NRG TENDL-2015, AKONING

## Non-threshold reactions



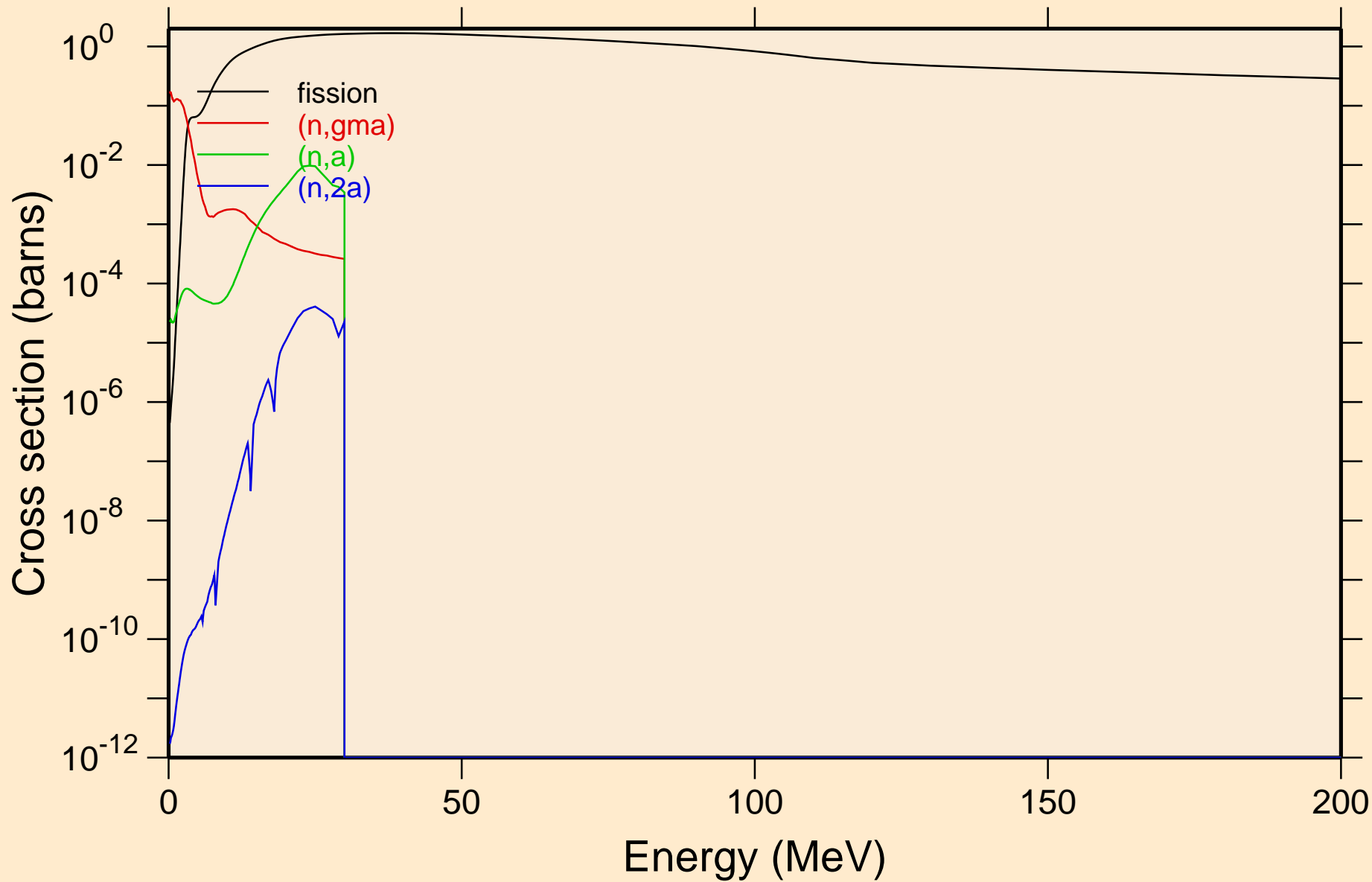
# FM252 NRG TENDL-2015, AKONING

## Principal cross sections



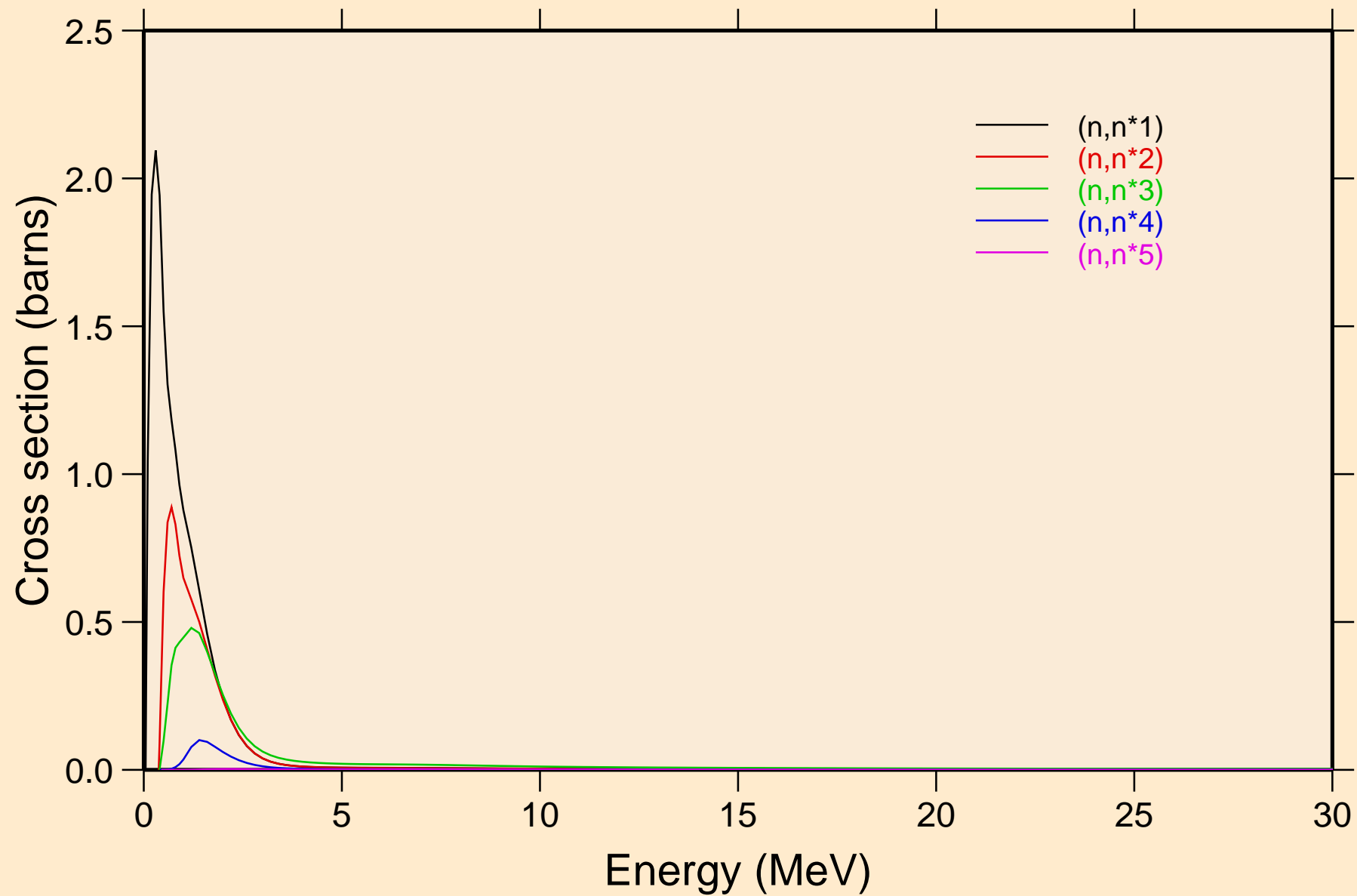
# FM252 NRG TENDL-2015, AKONING

## Non-threshold reactions



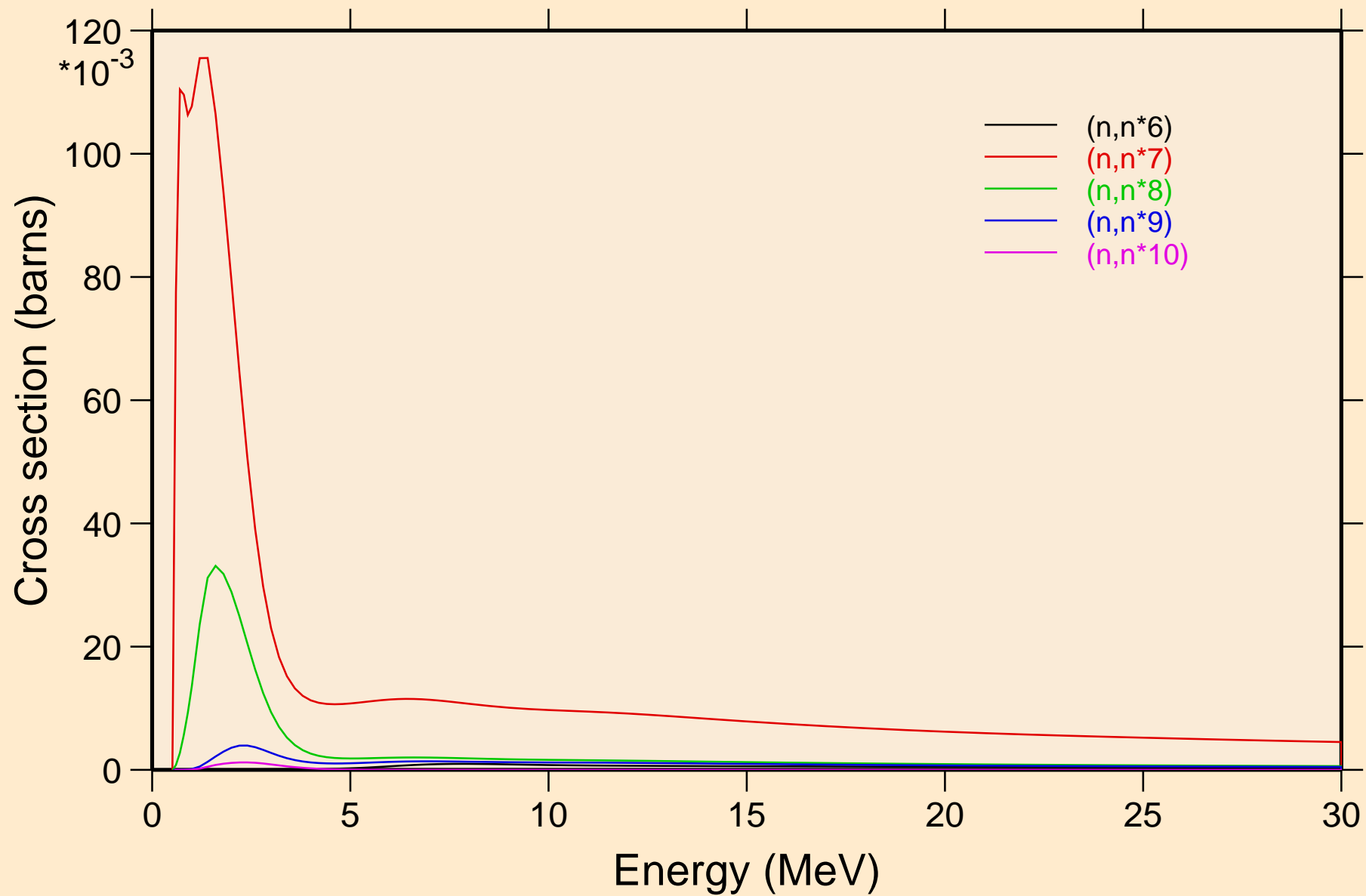
# FM252 NRG TENDL-2015, AKONING

## Inelastic levels



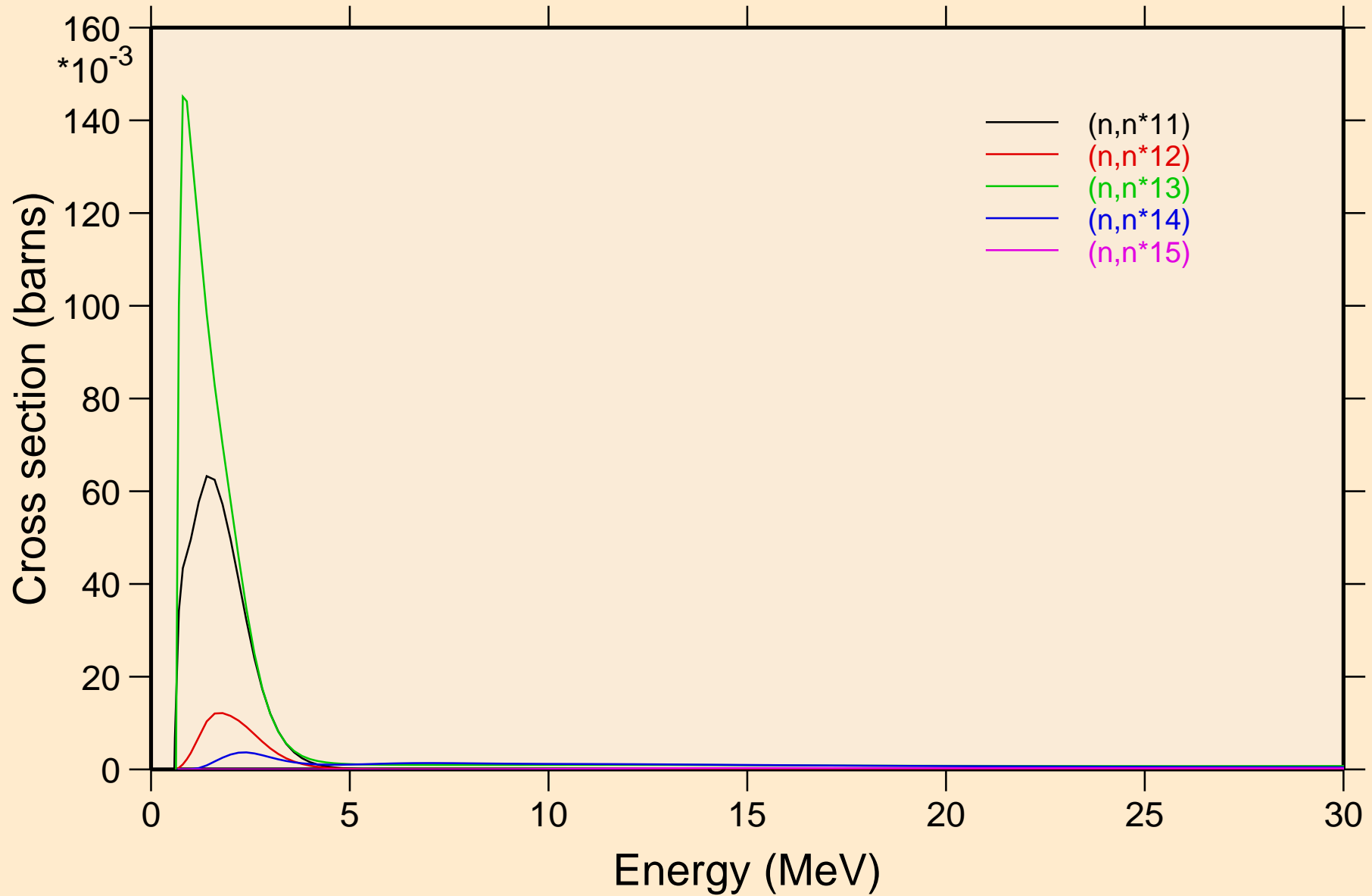
# FM252 NRG TENDL-2015, AKONING

## Inelastic levels



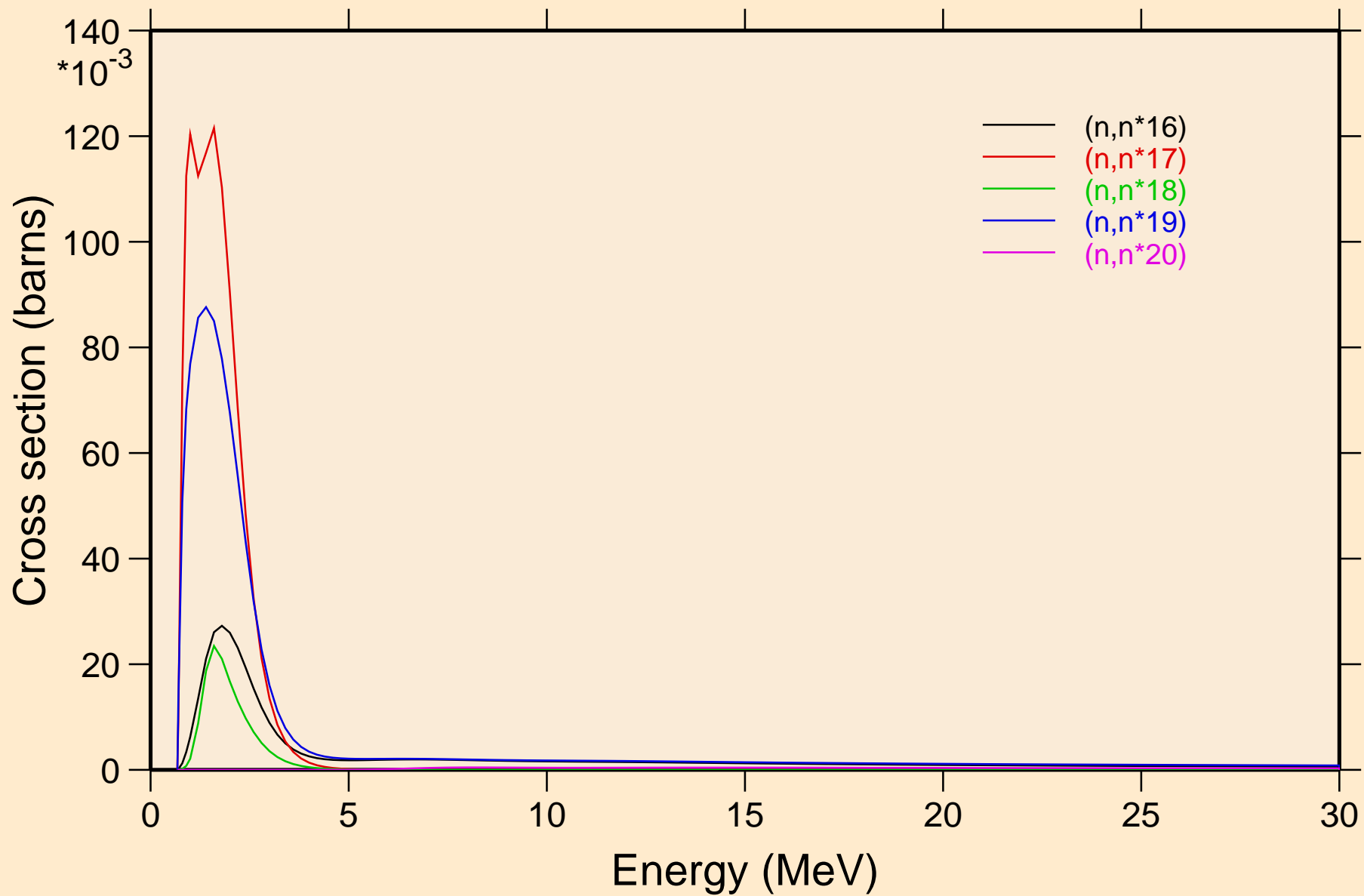
# FM252 NRG TENDL-2015, AKONING

## Inelastic levels



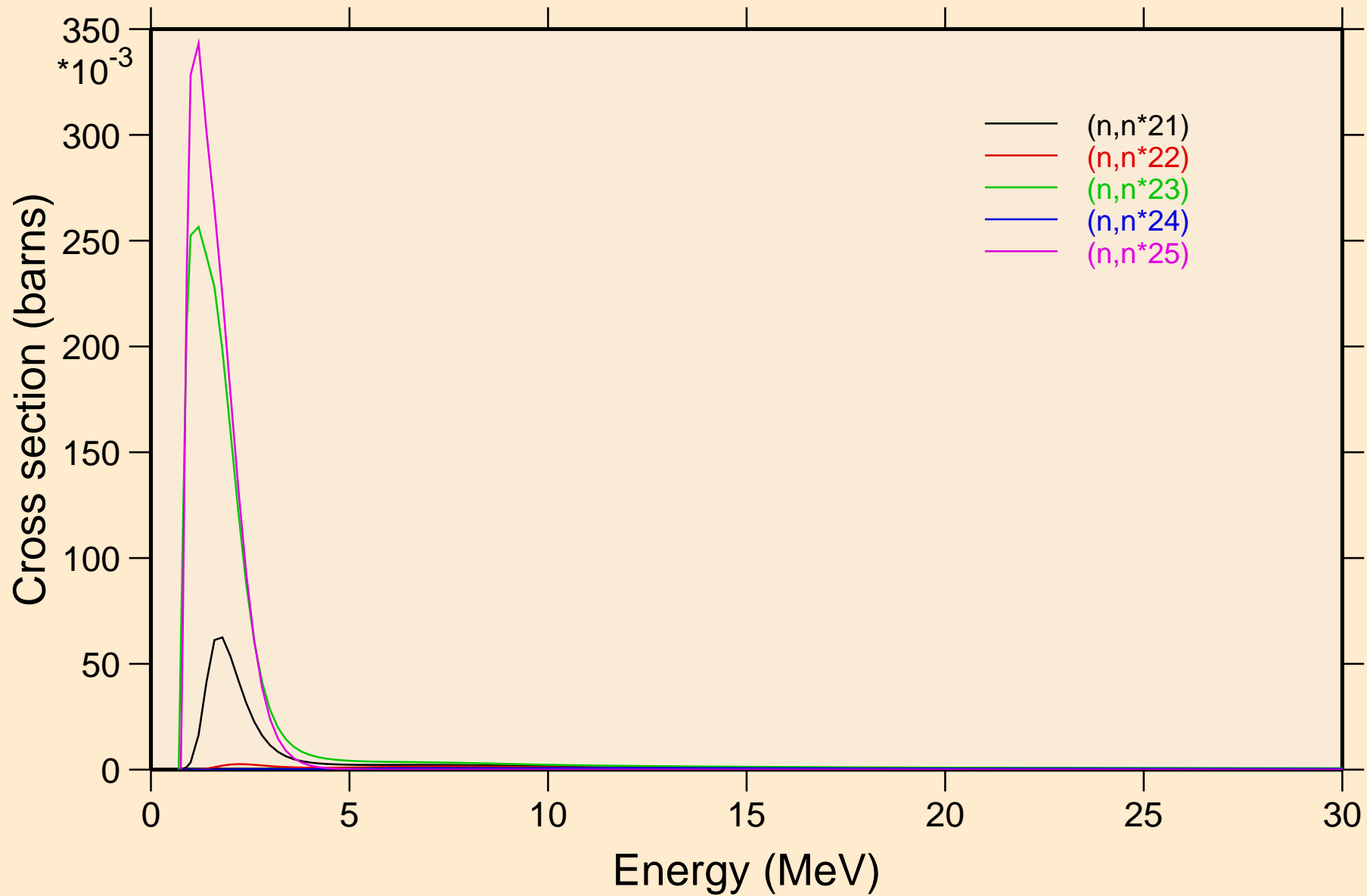
# FM252 NRG TENDL-2015, AKONING

## Inelastic levels



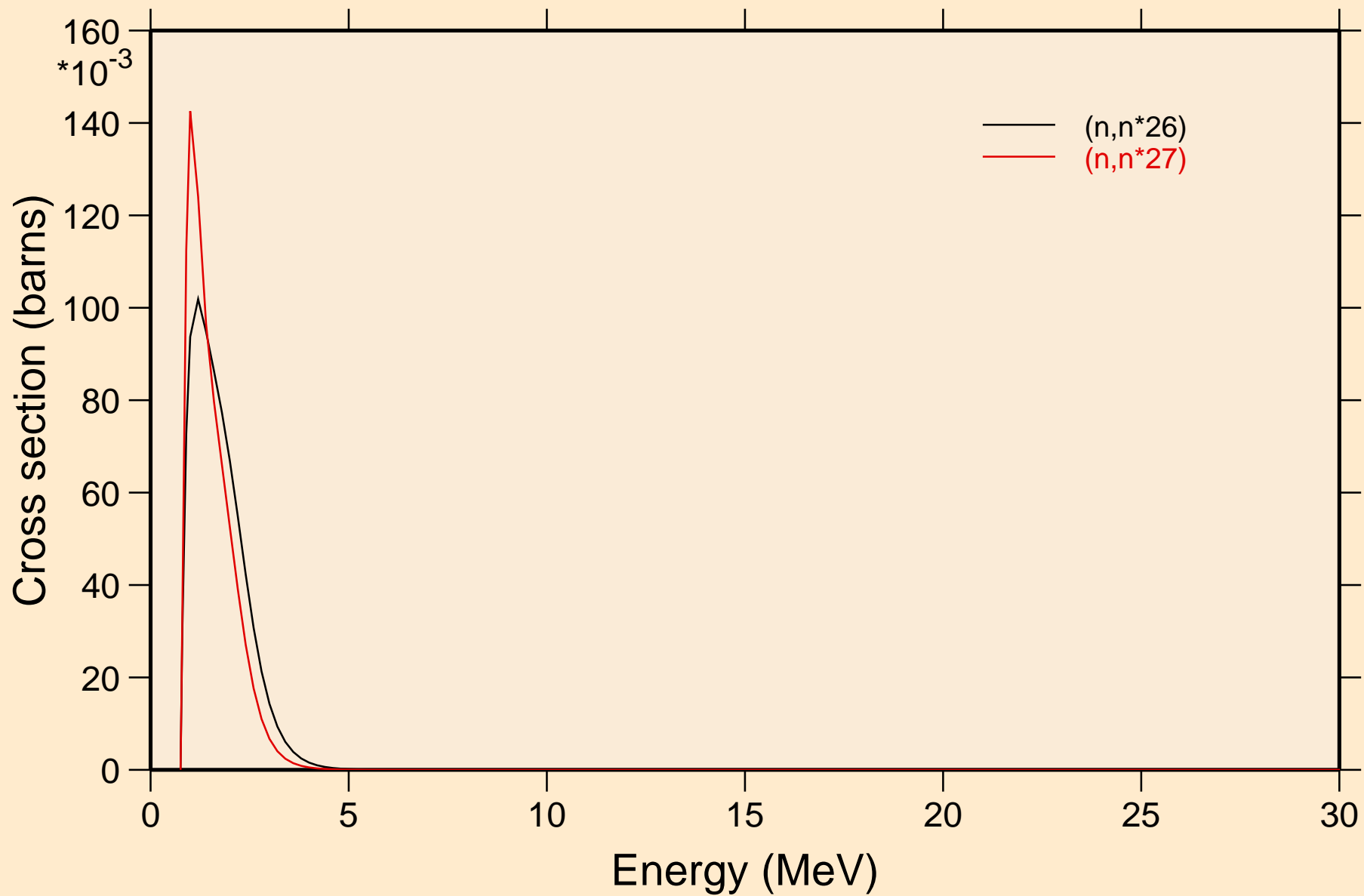
# FM252 NRG TENDL-2015, AKONING

## Inelastic levels



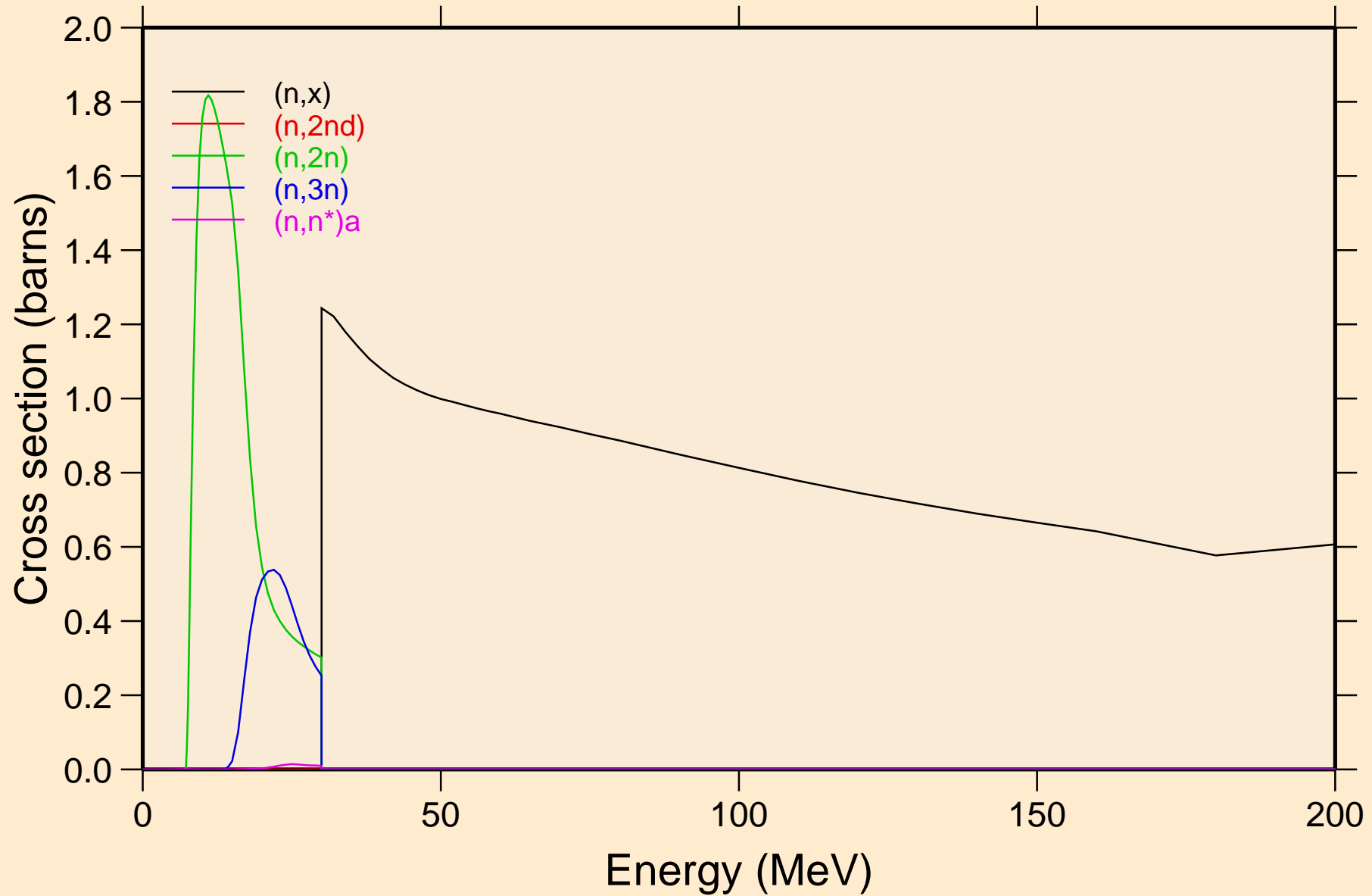
# FM252 NRG TENDL-2015, AKONING

## Inelastic levels



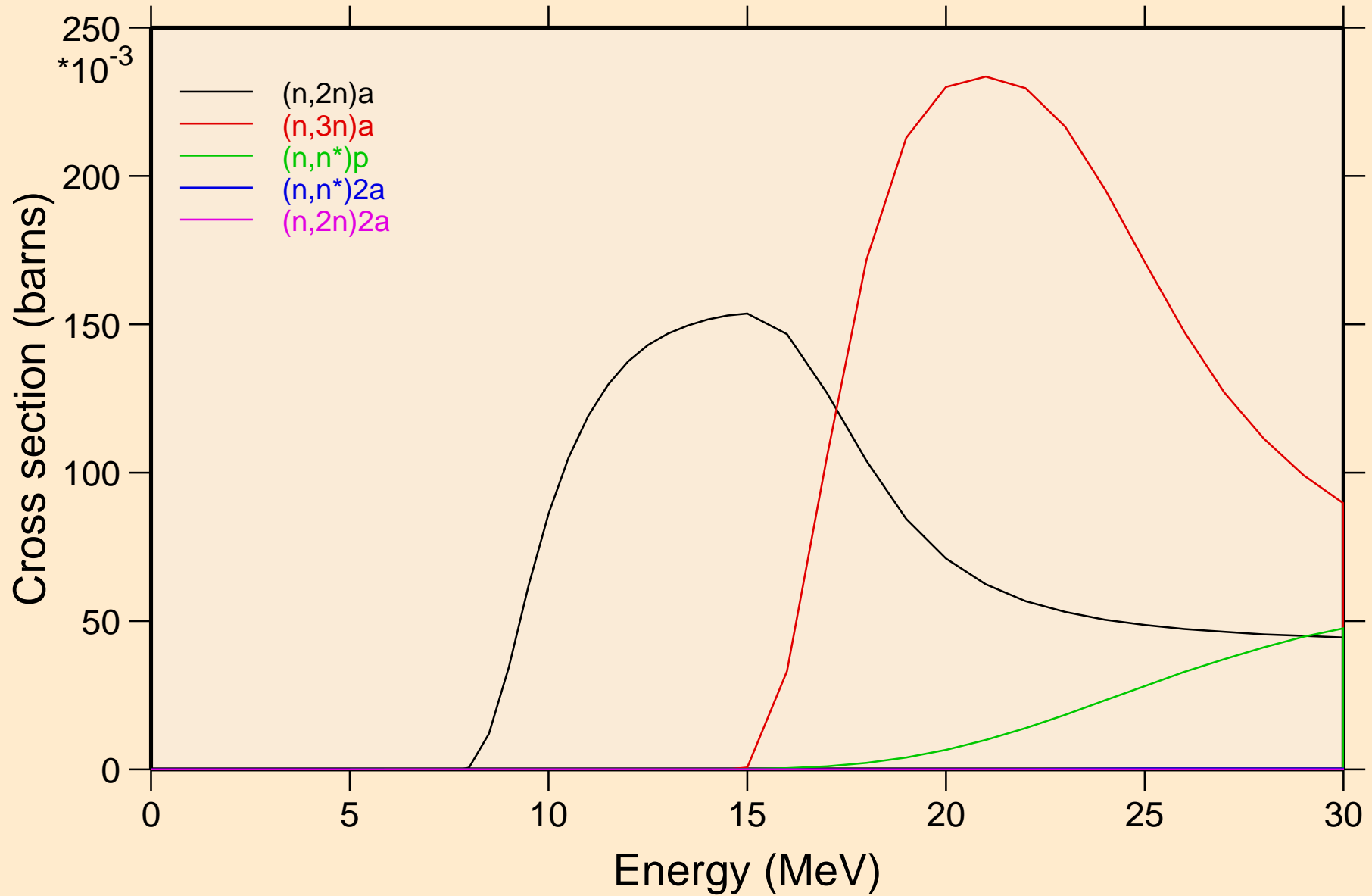
# FM252 NRG TENDL-2015, AKONING

## Threshold reactions



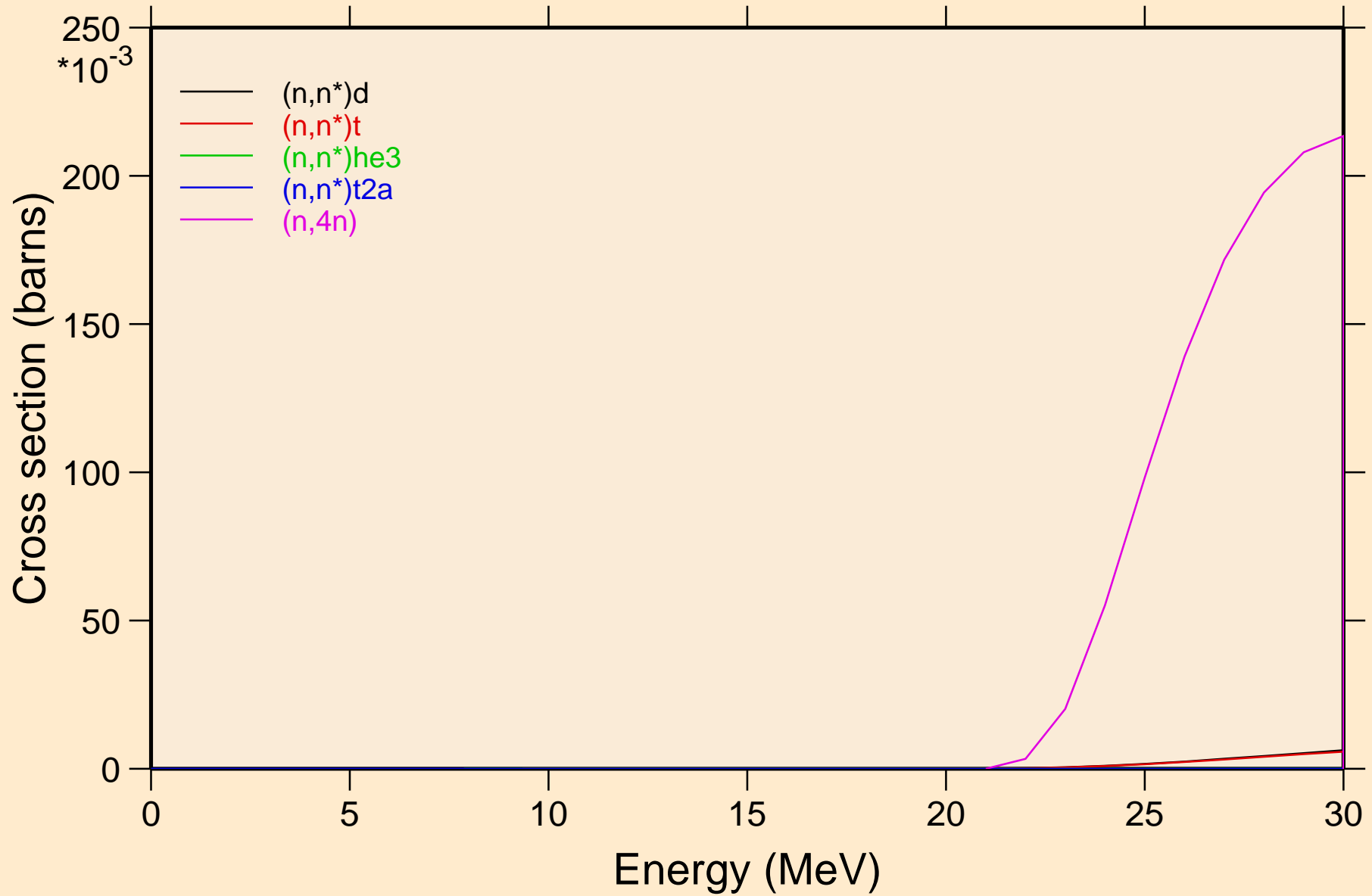
# FM252 NRG TENDL-2015, AKONING

## Threshold reactions



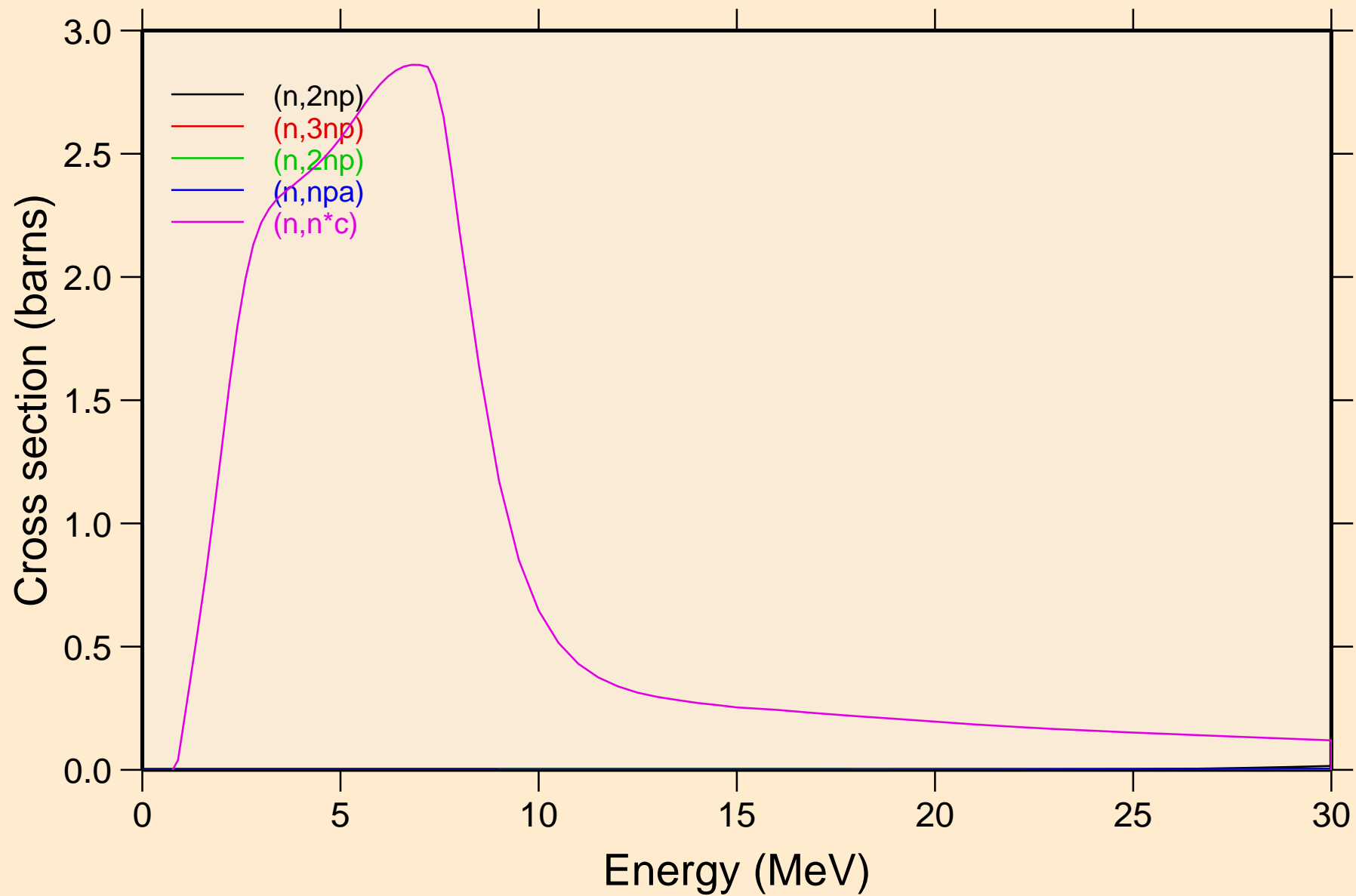
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## Threshold reactions



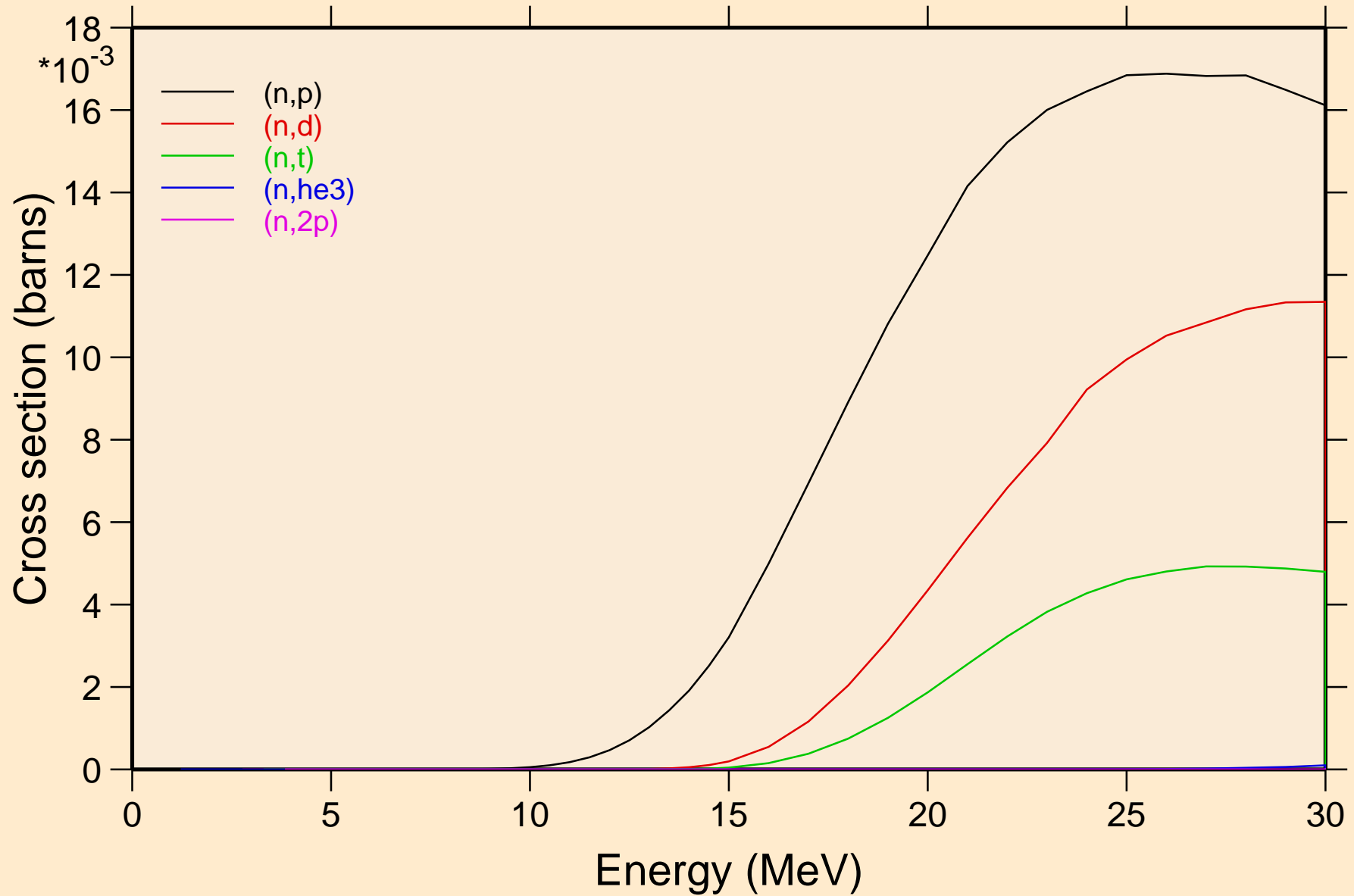
# FM252 NRG TENDL-2015, AKONING

## Threshold reactions



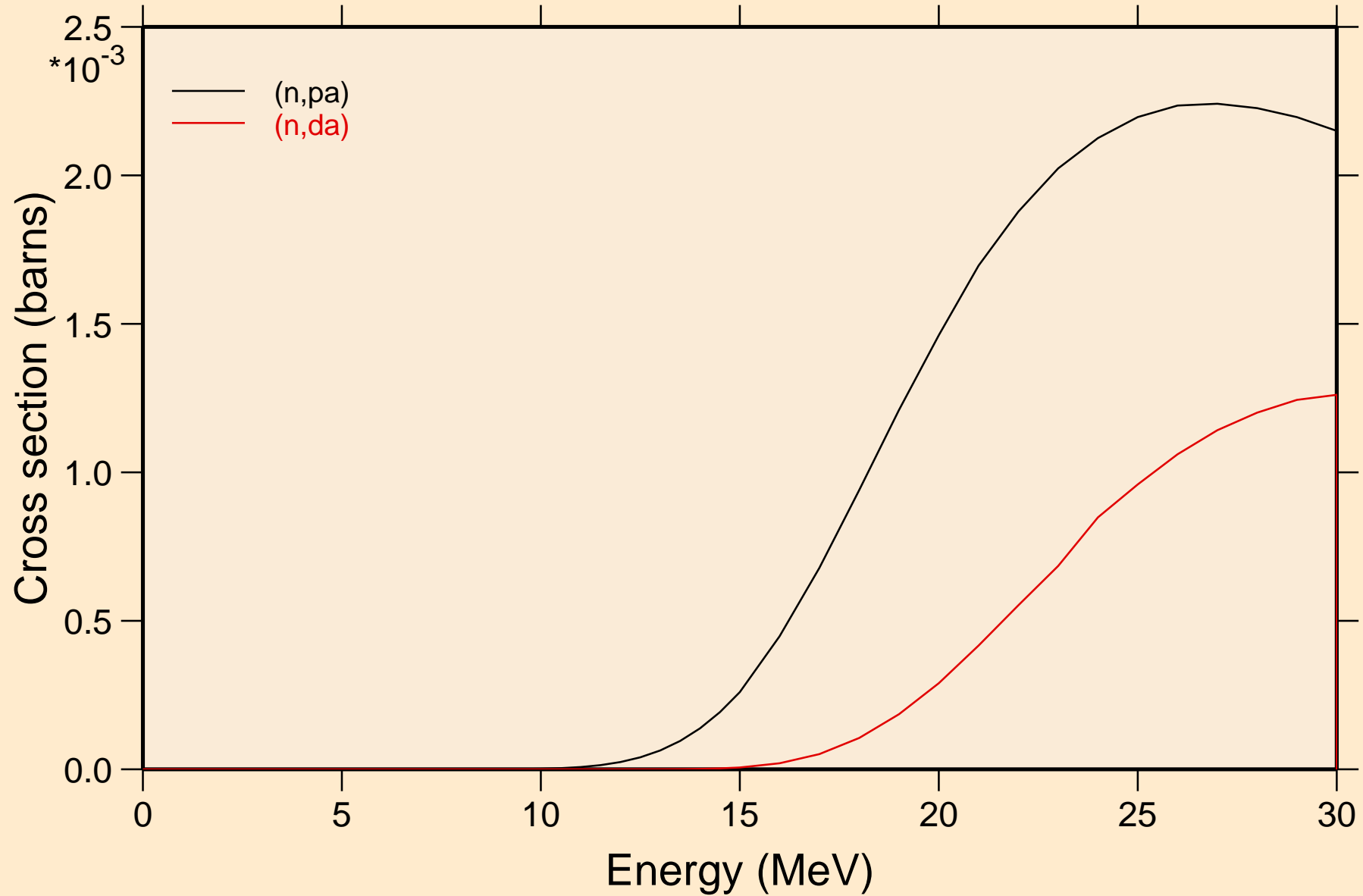
# FM252 NRG TENDL-2015, AKONING

## Threshold reactions

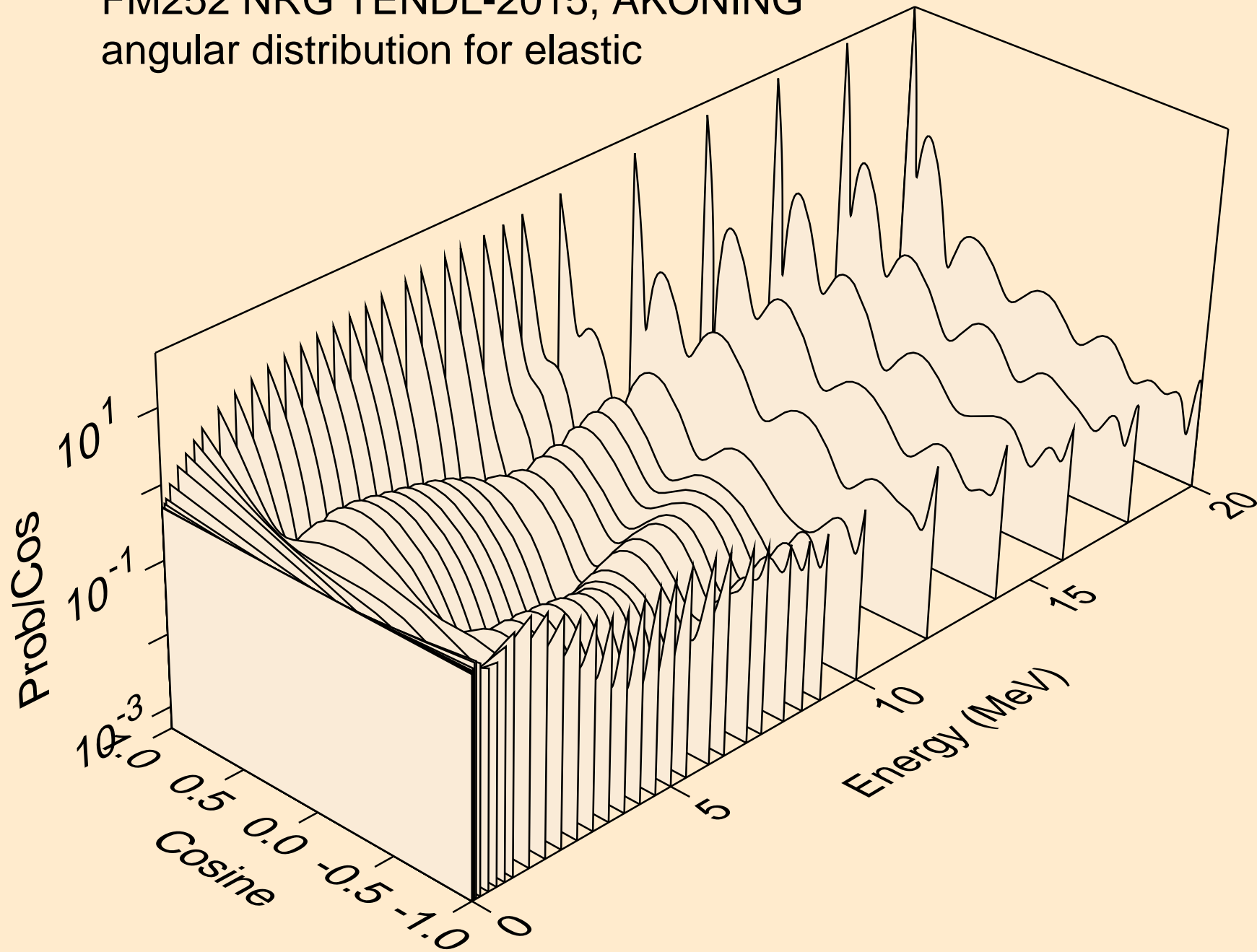


# FM252 NRG TENDL-2015, AKONING

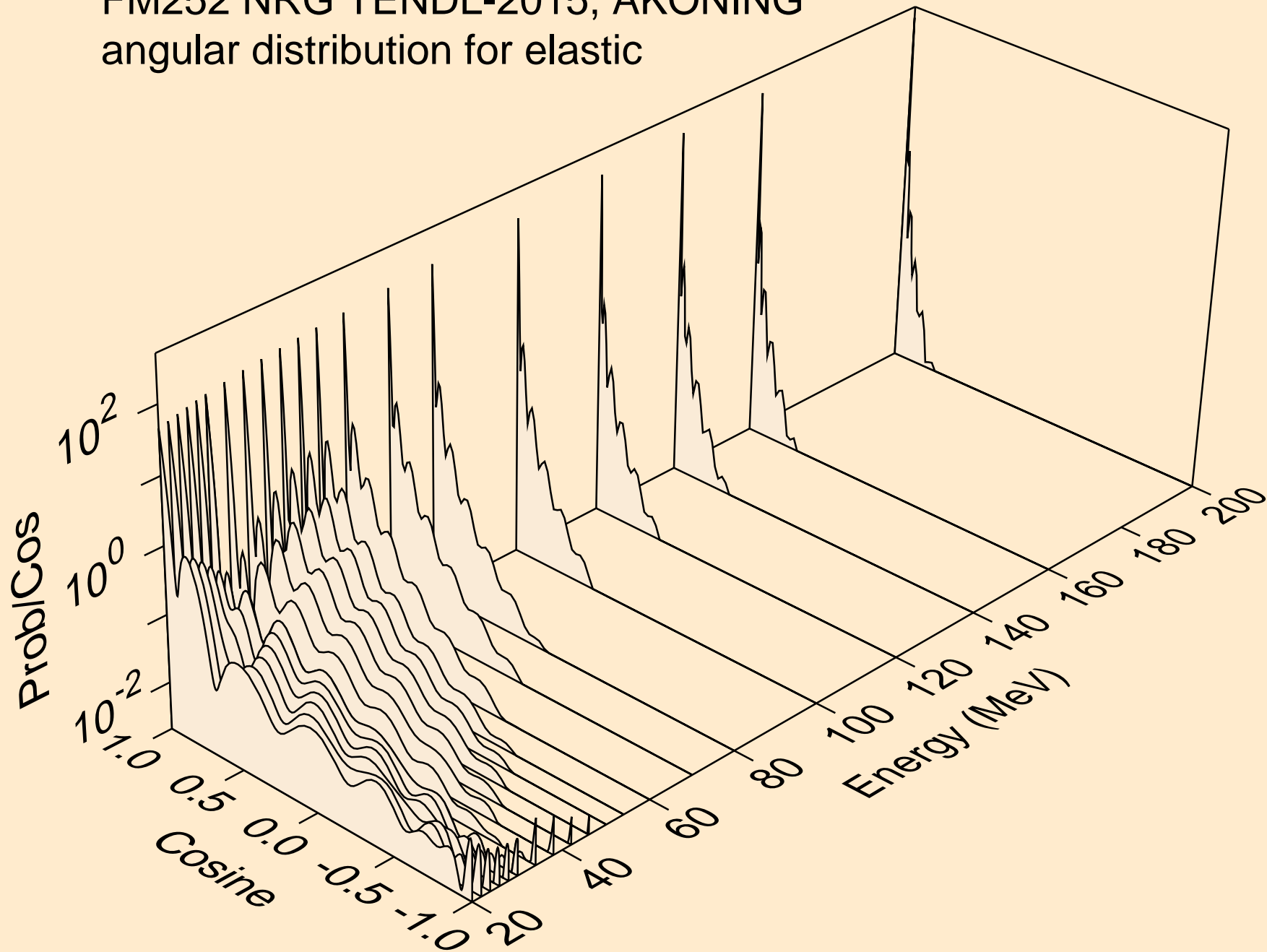
## Threshold reactions



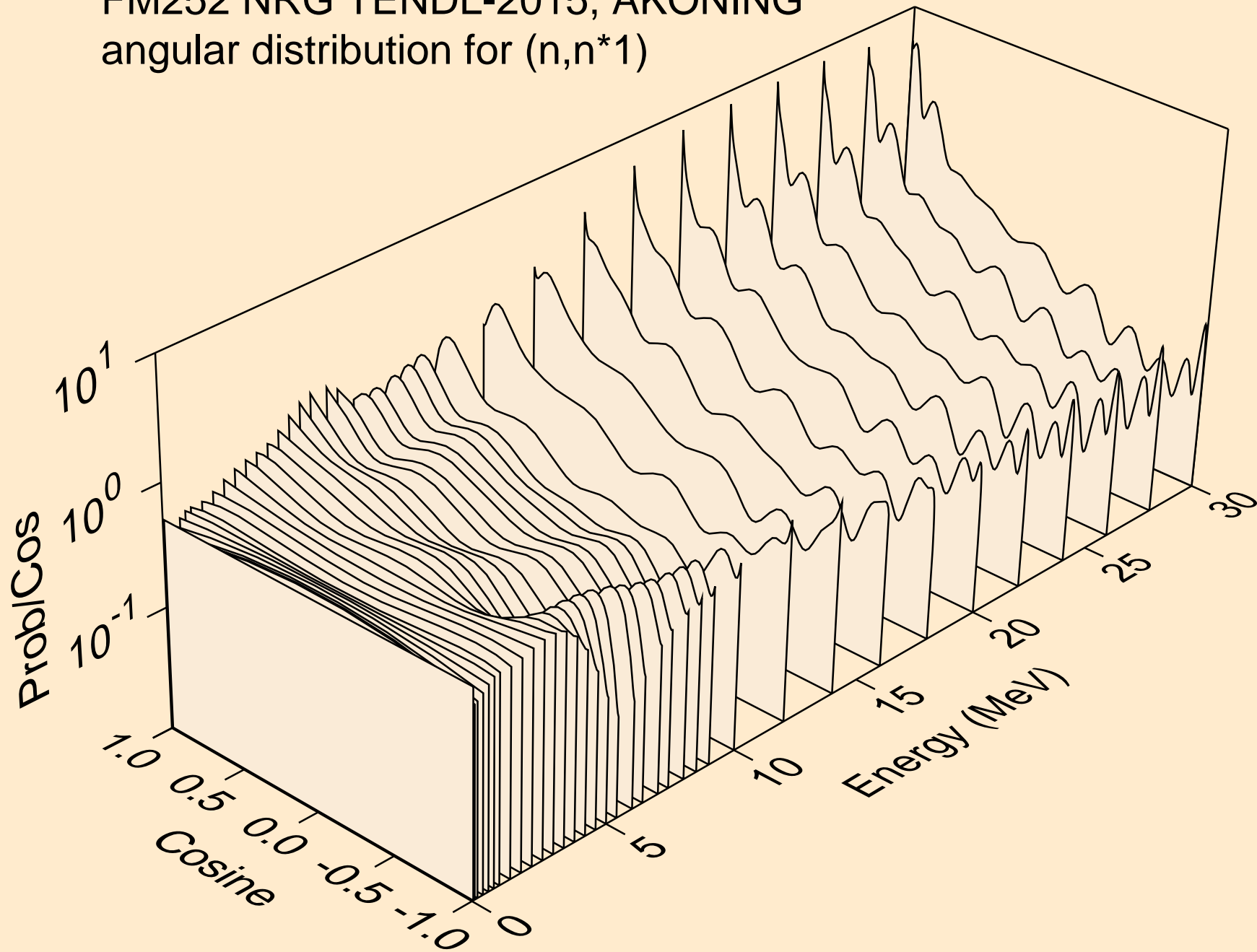
FM252 NRG TENDL-2015, AKONING  
angular distribution for elastic



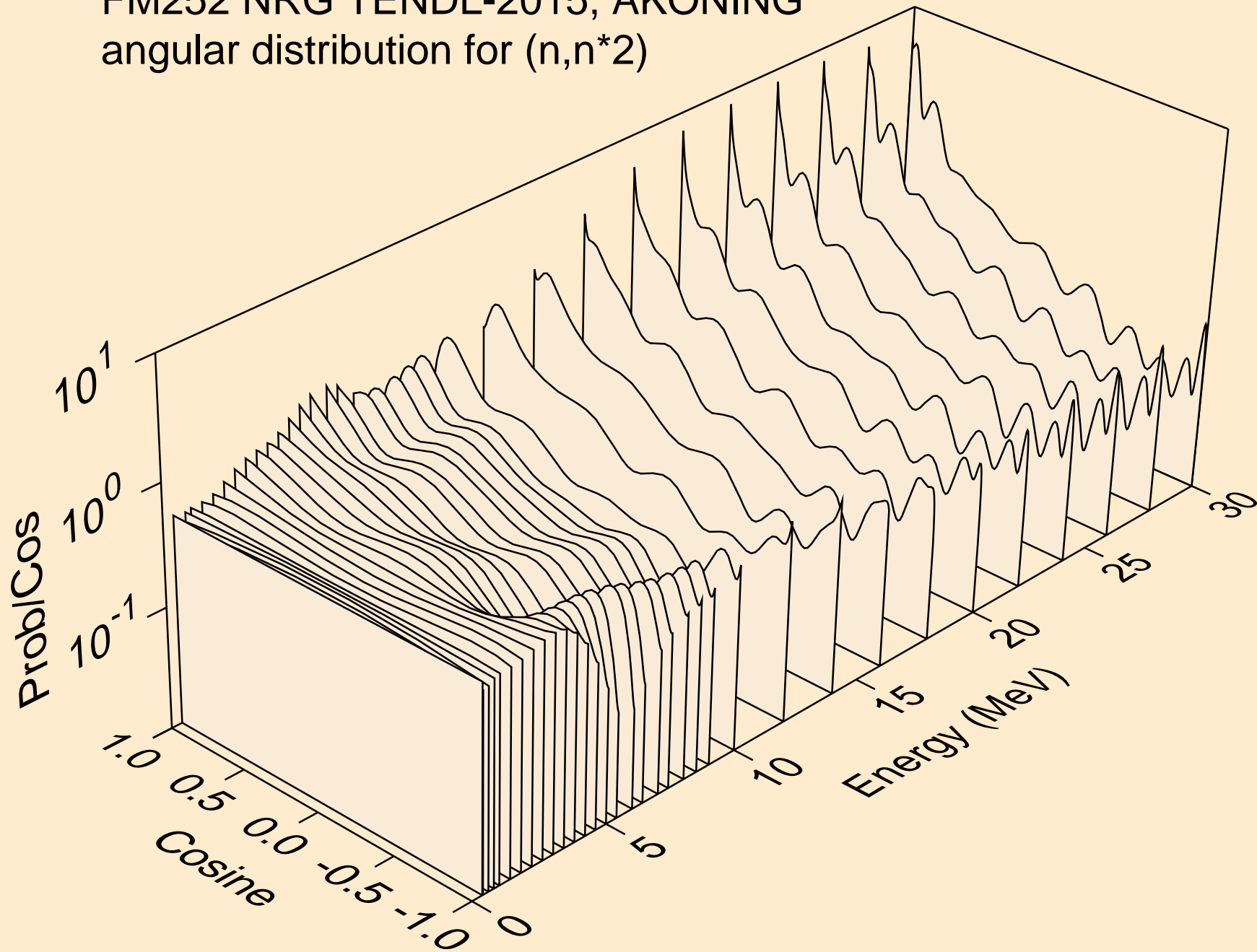
FM252 NRG TENDL-2015, AKONING  
angular distribution for elastic



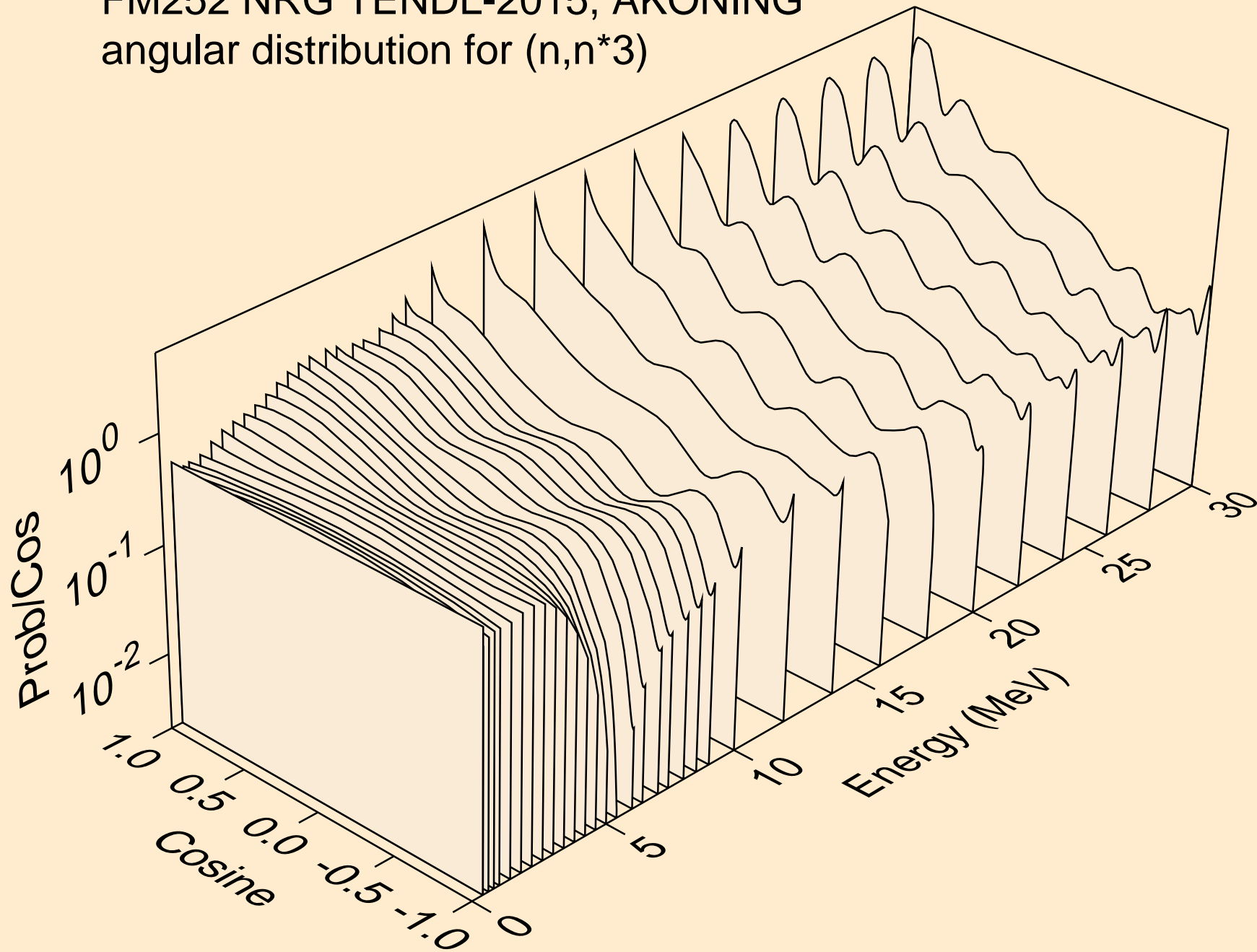
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



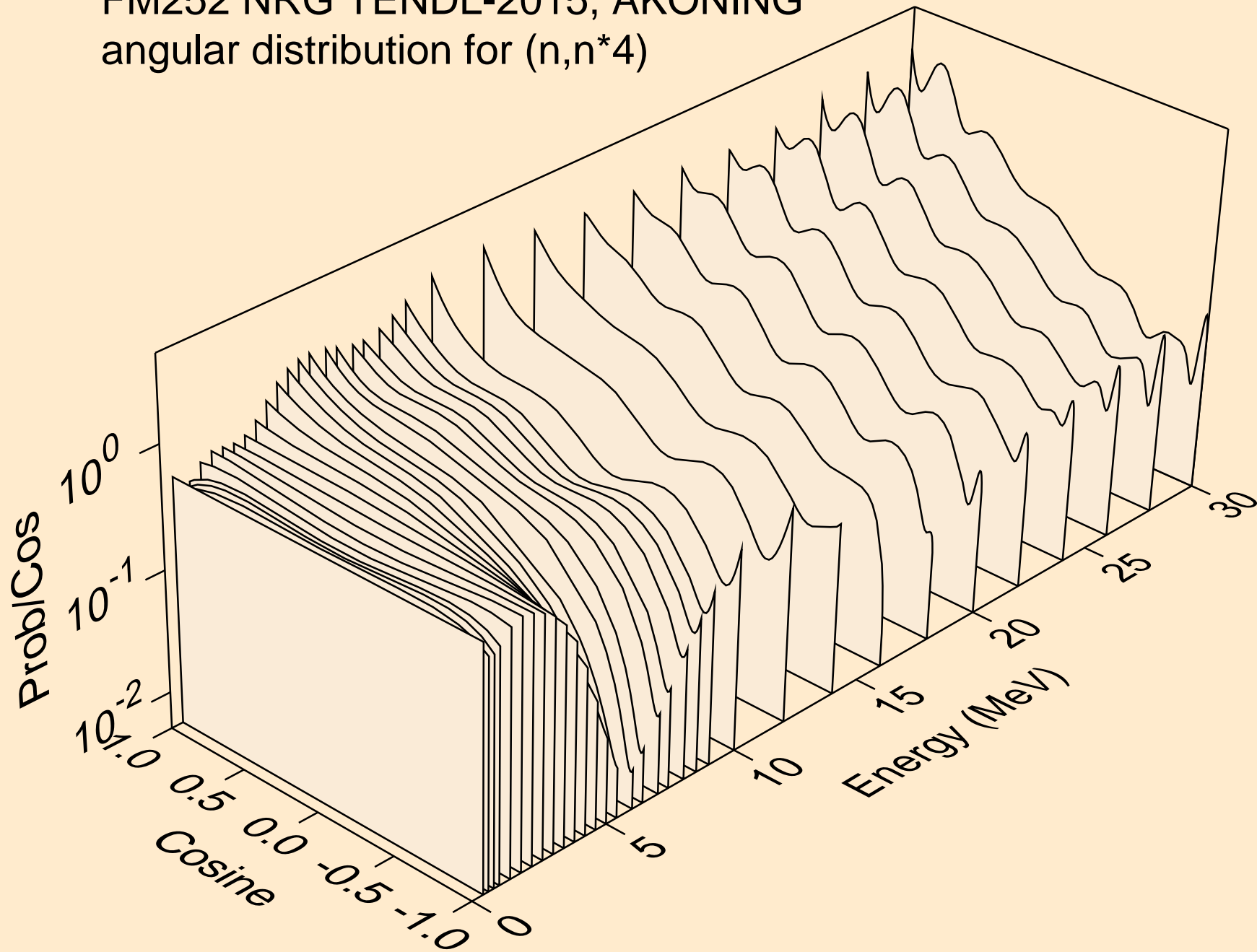
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



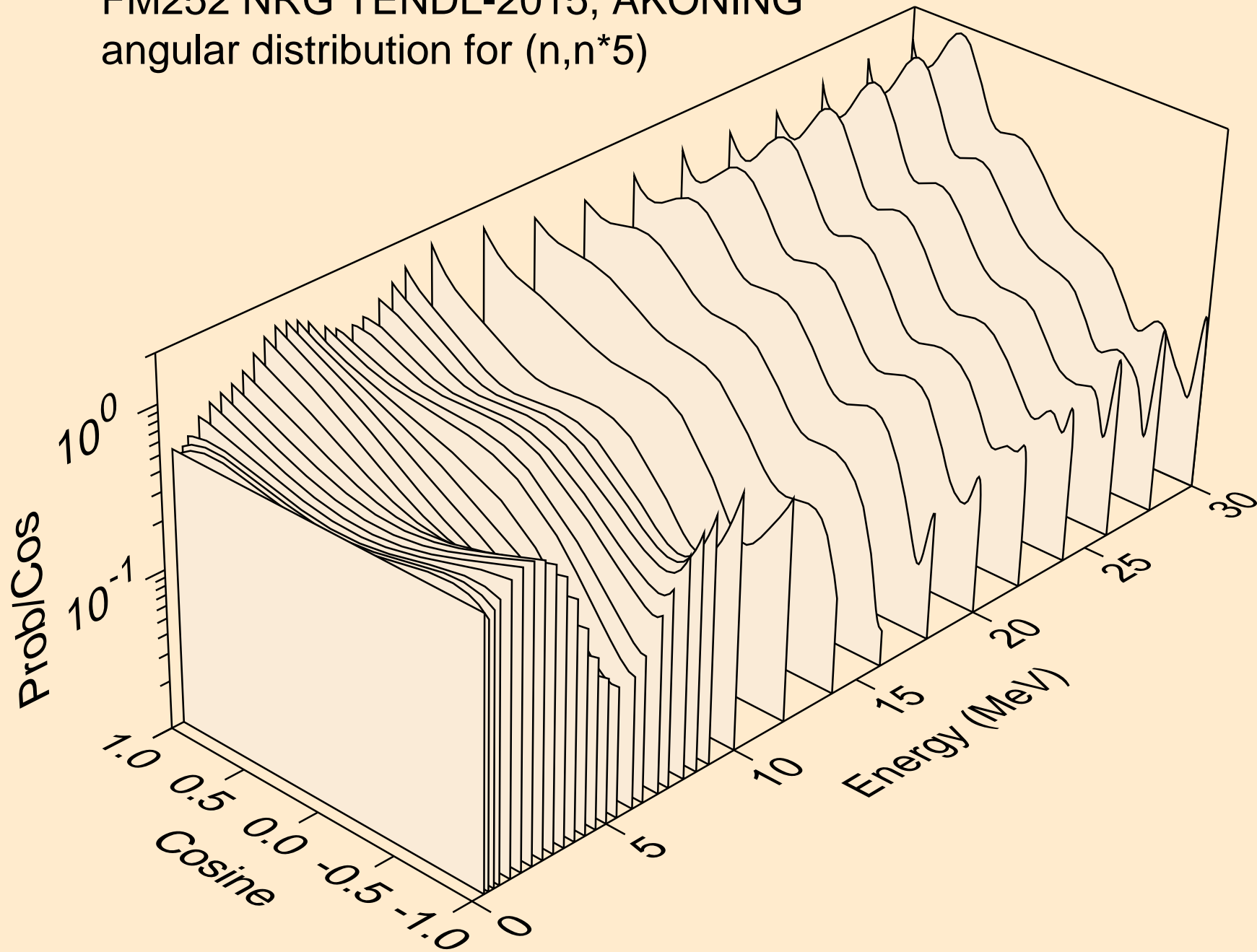
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



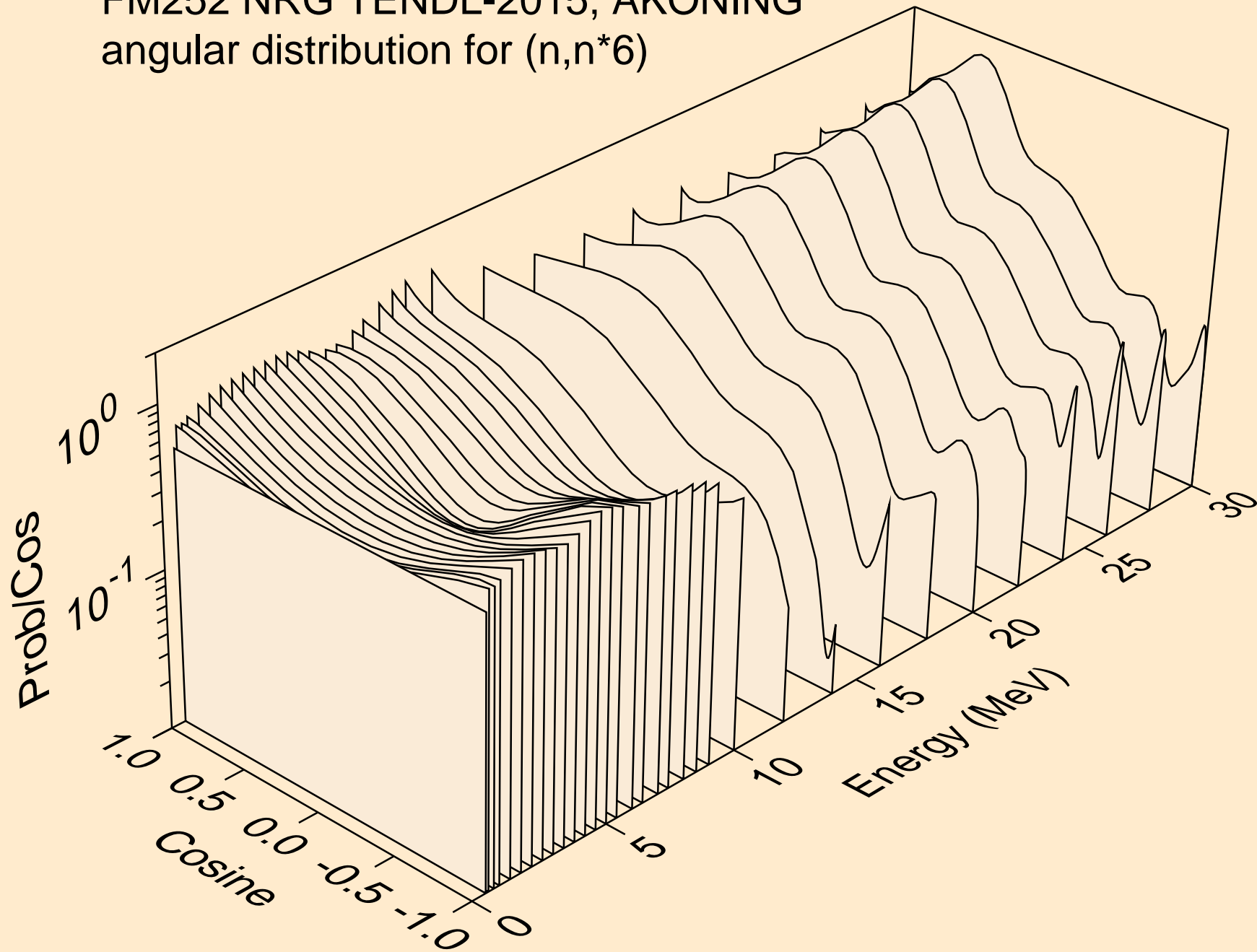
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



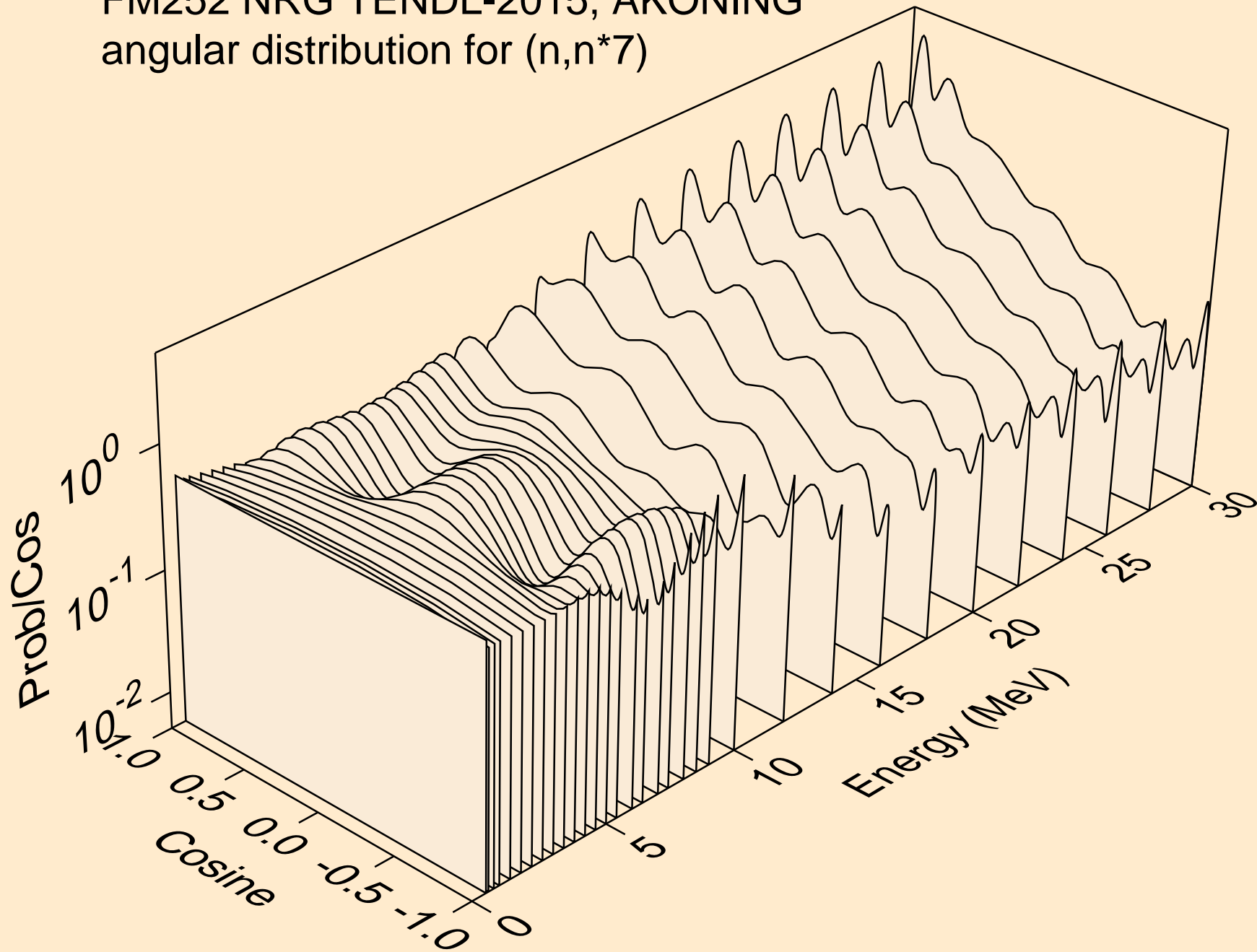
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



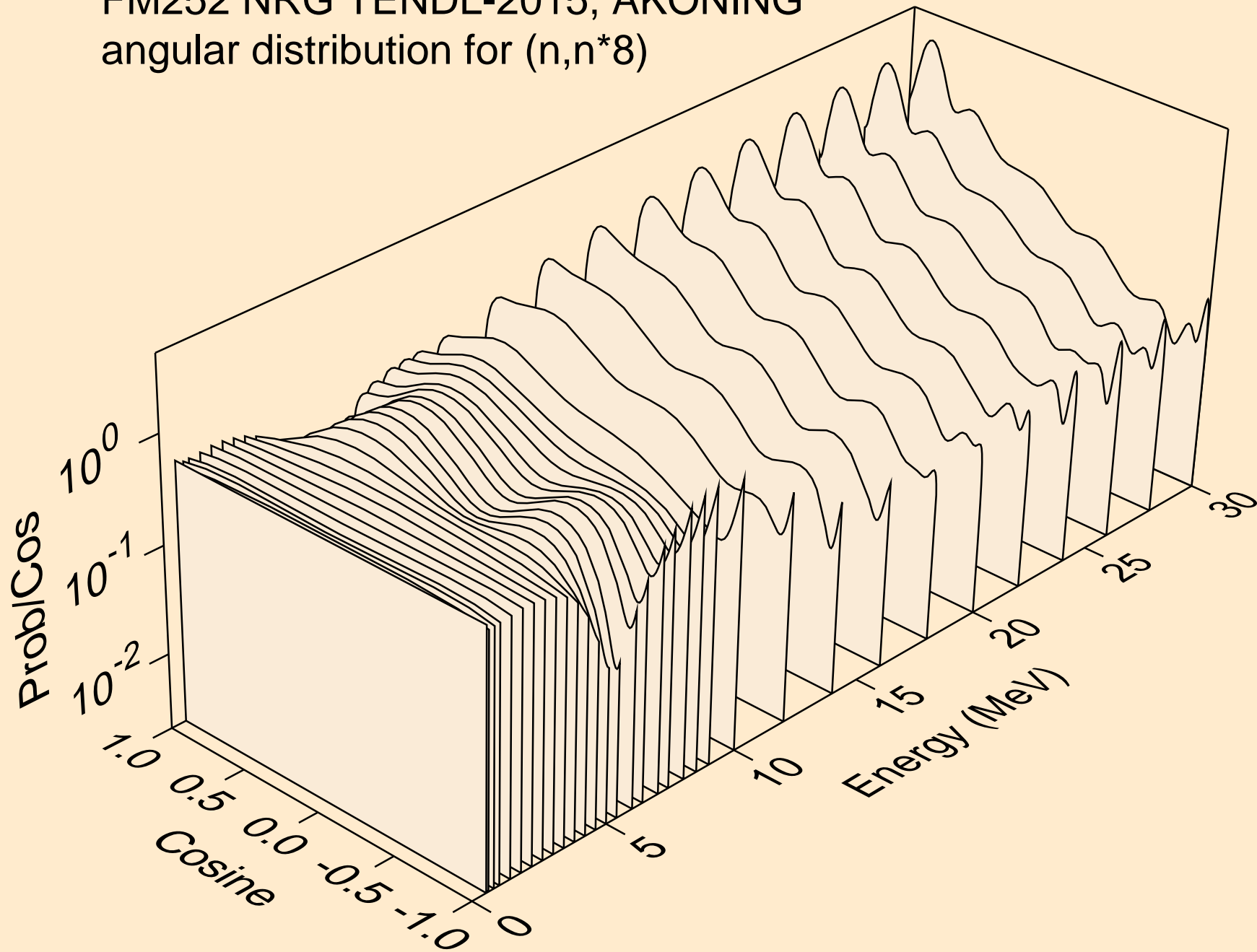
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



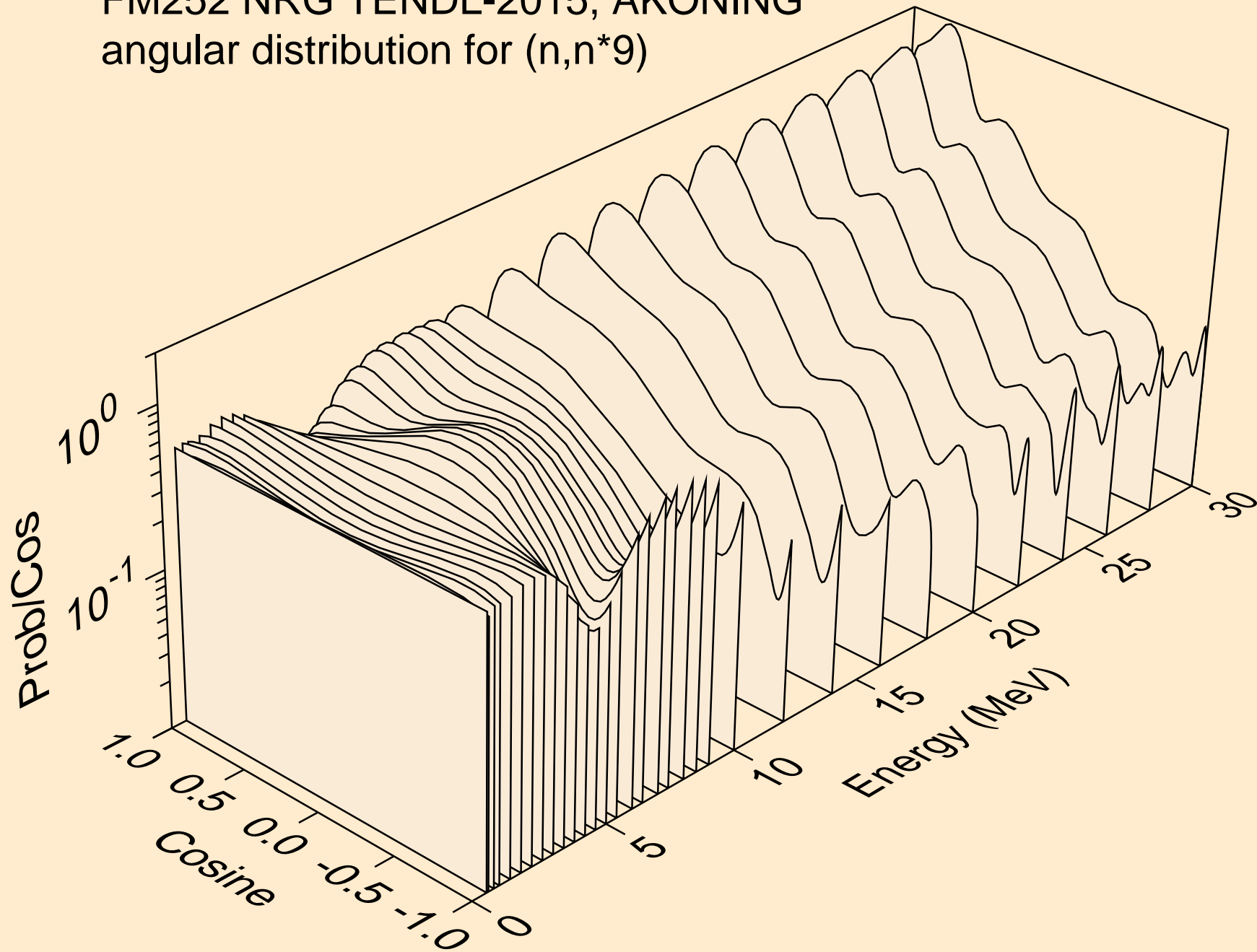
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



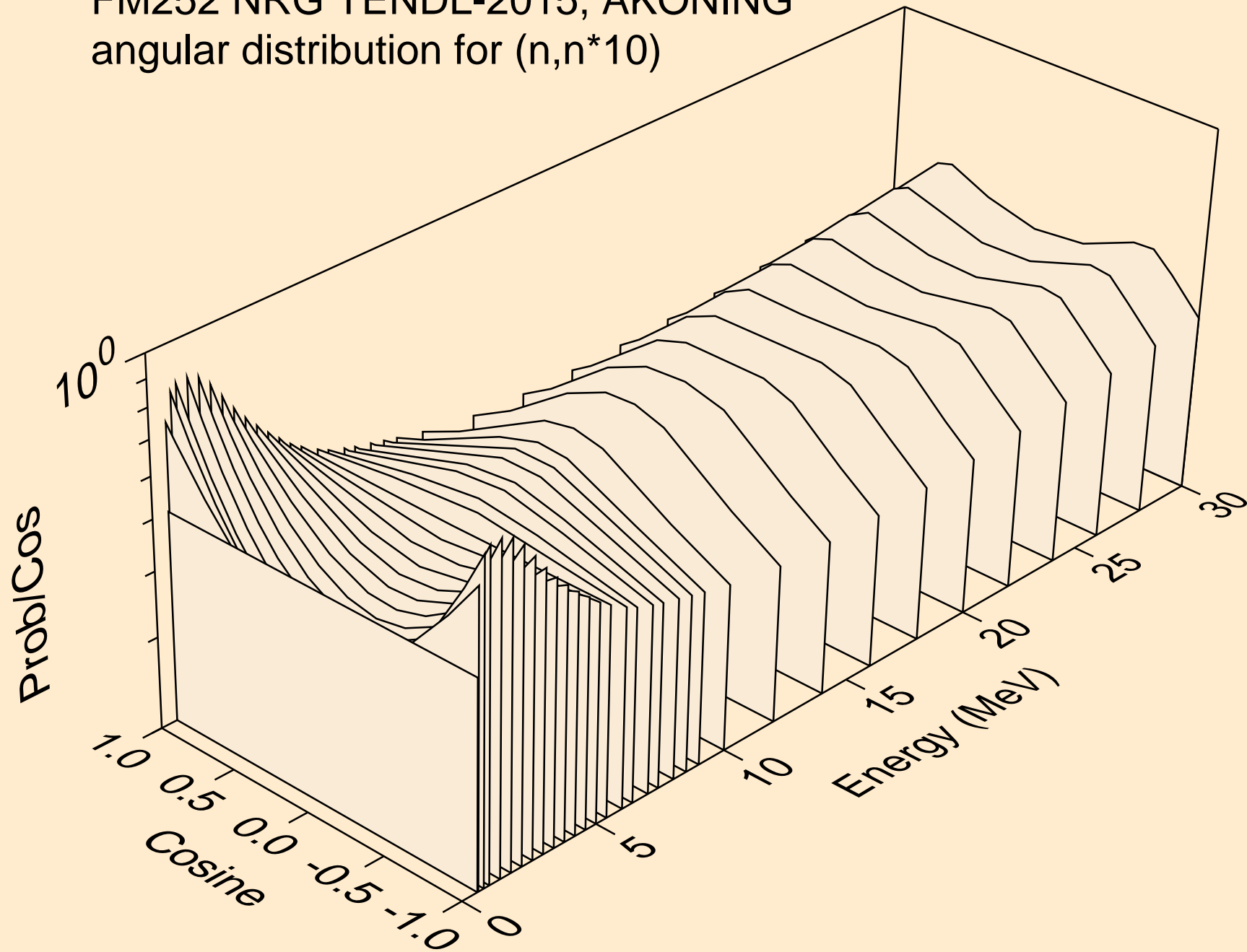
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angular distribution for (n,n\*8)



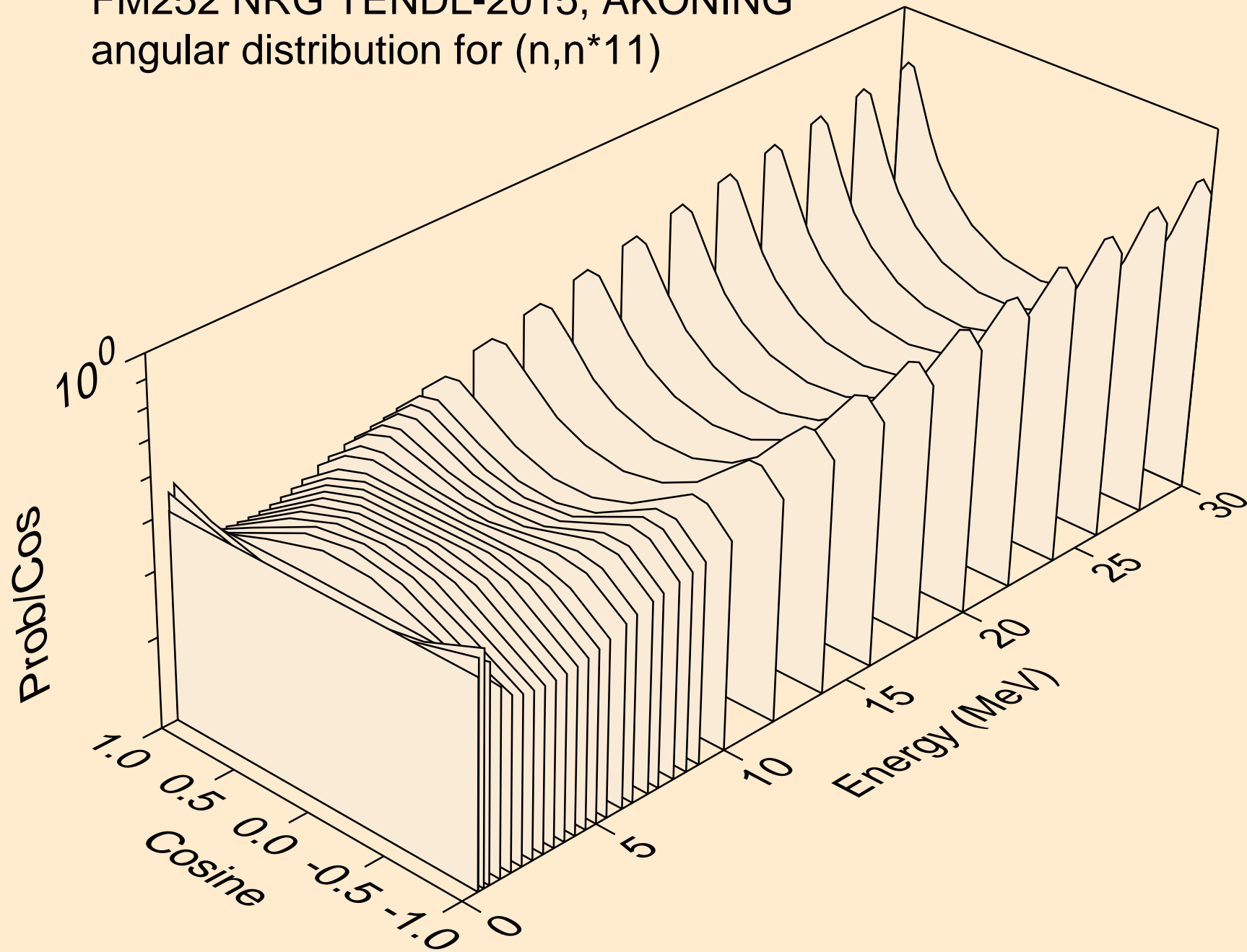
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angular distribution for (n,n\*9)



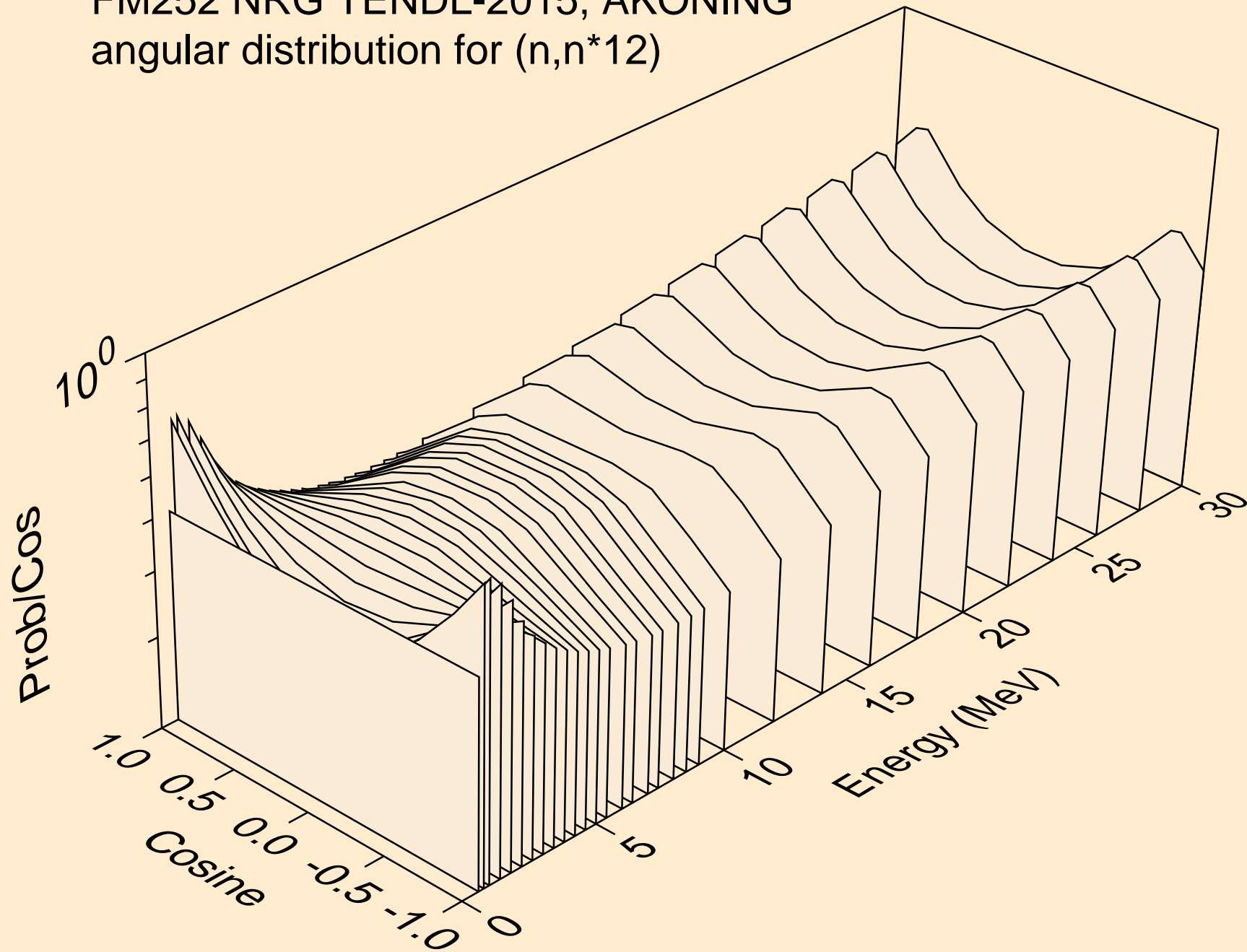
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



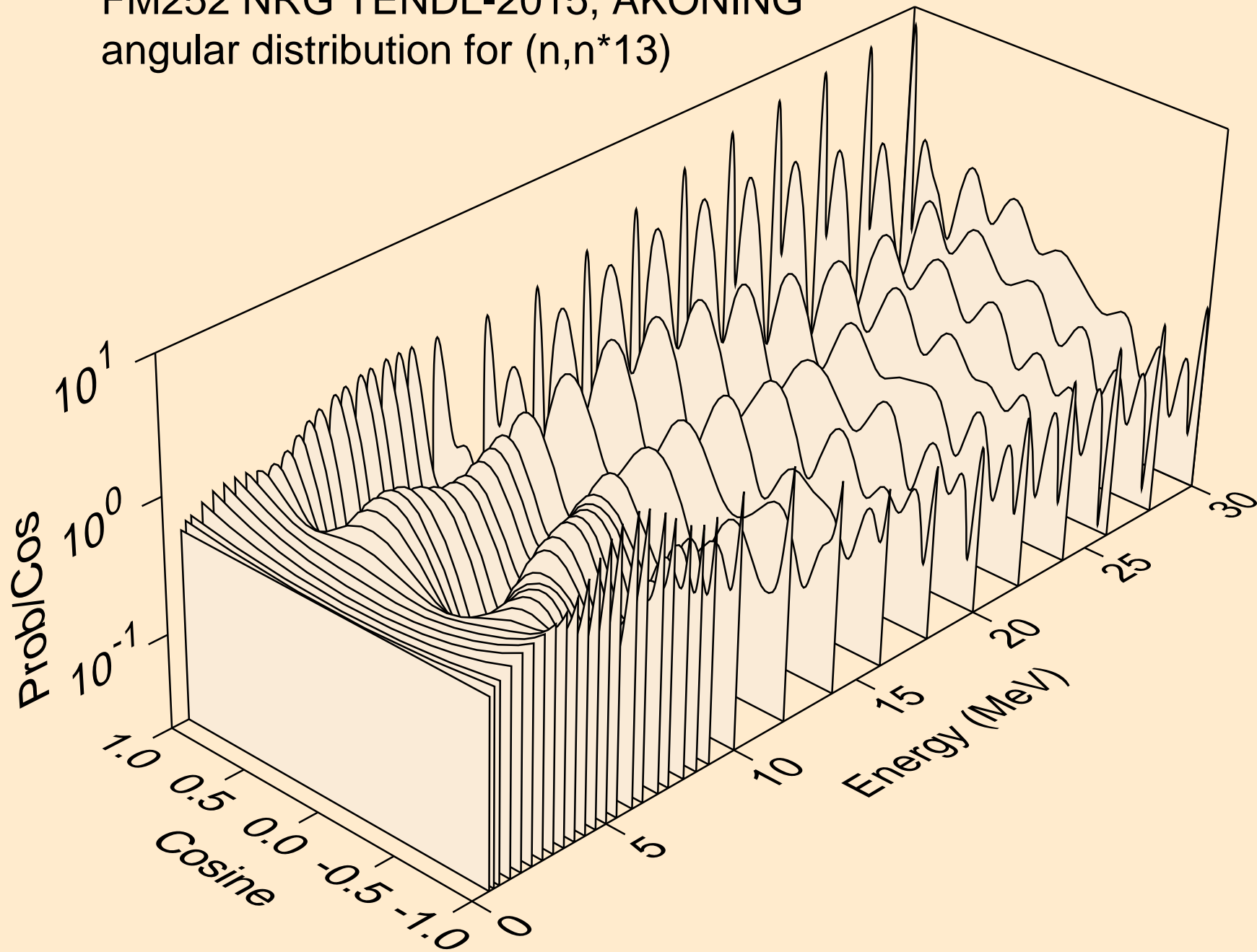
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



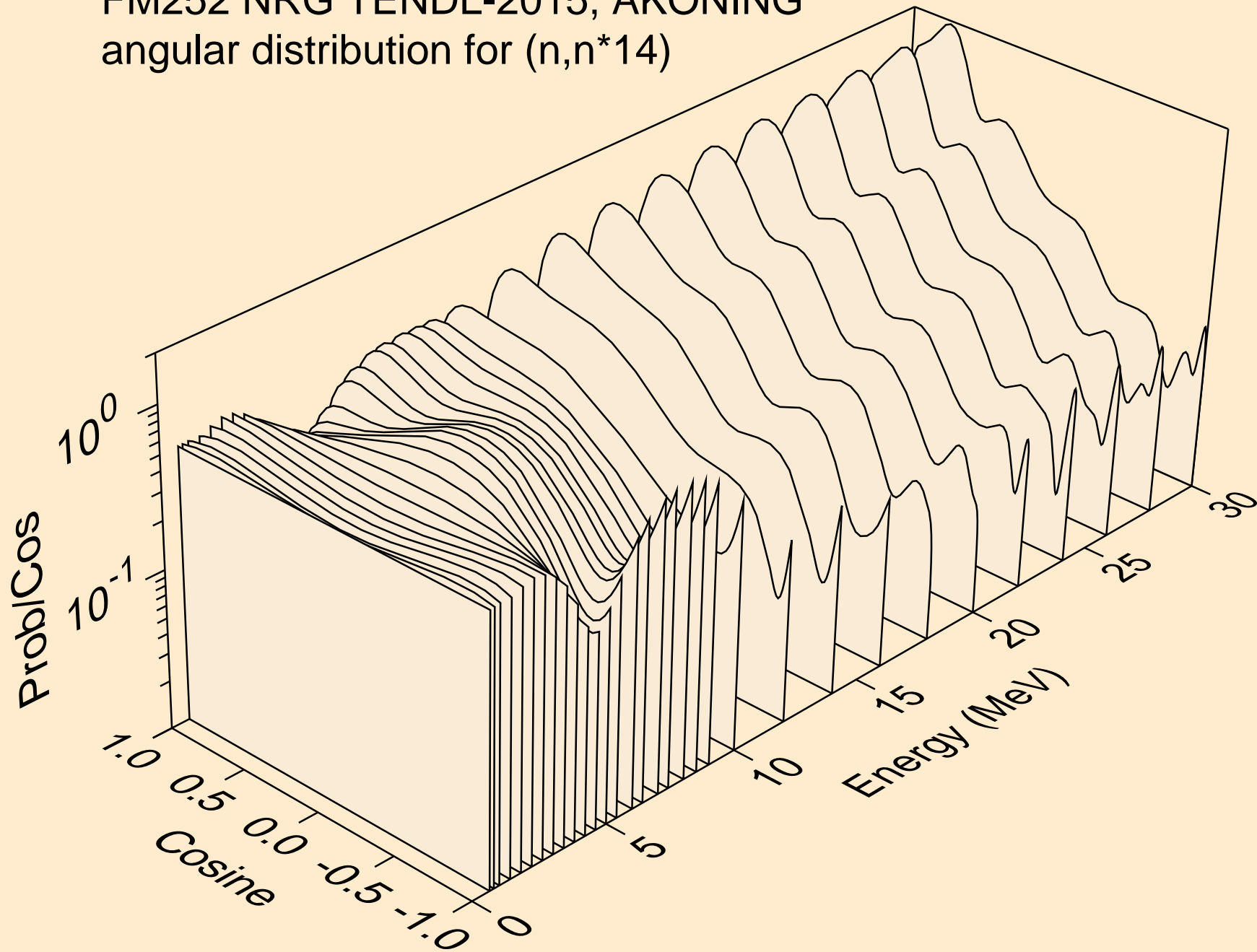
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



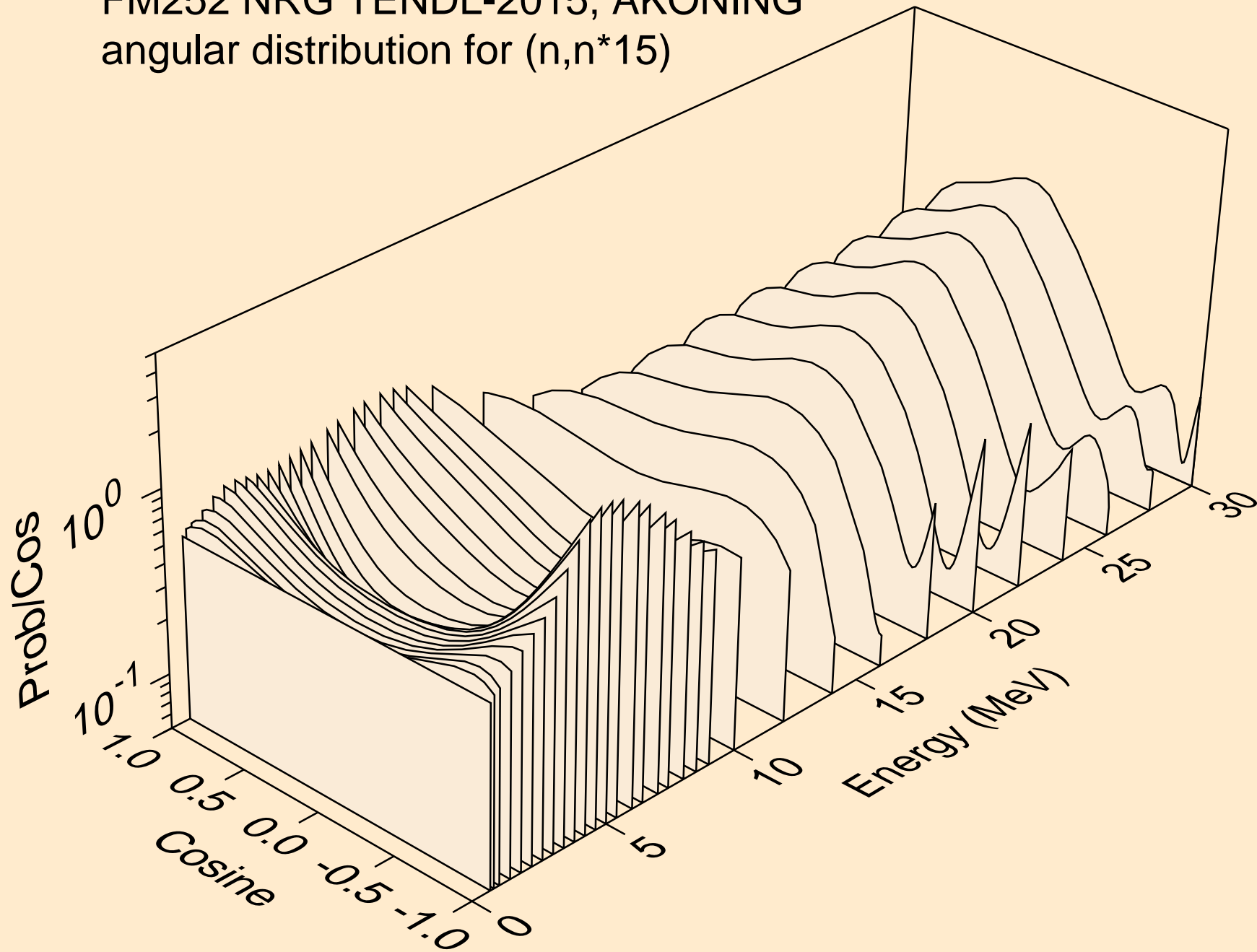
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angular distribution for (n,n\*13)



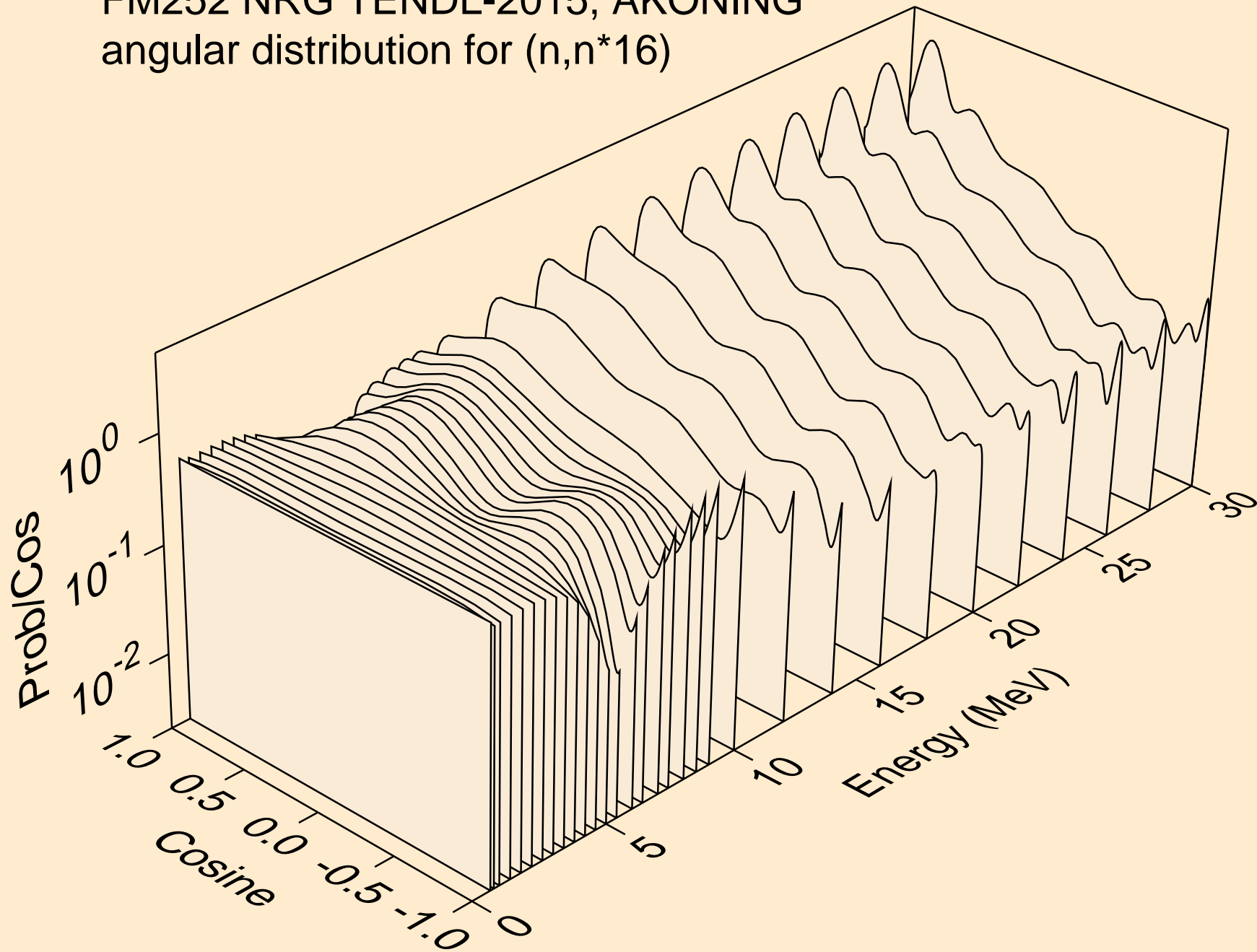
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



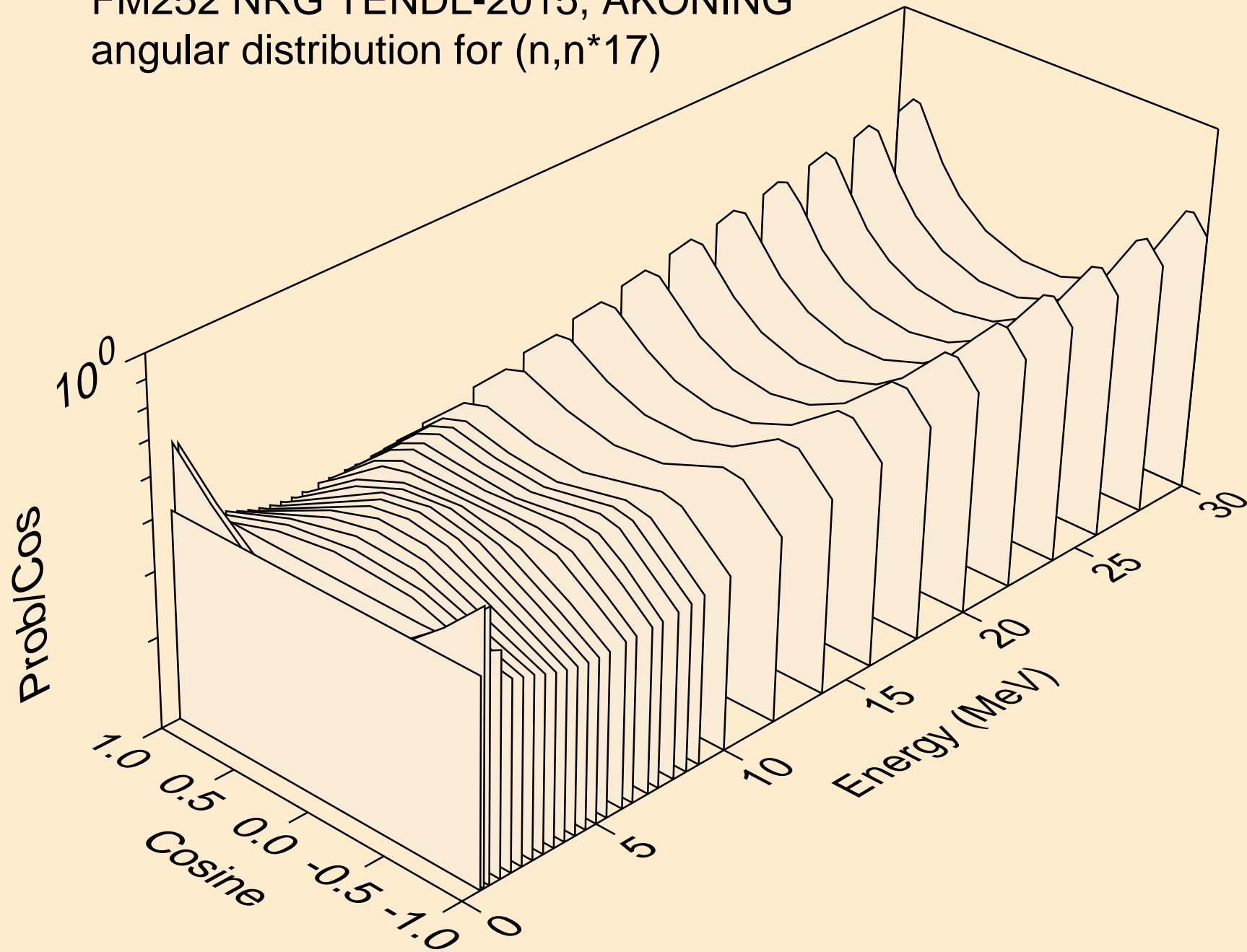
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angular distribution for (n,n\*15)



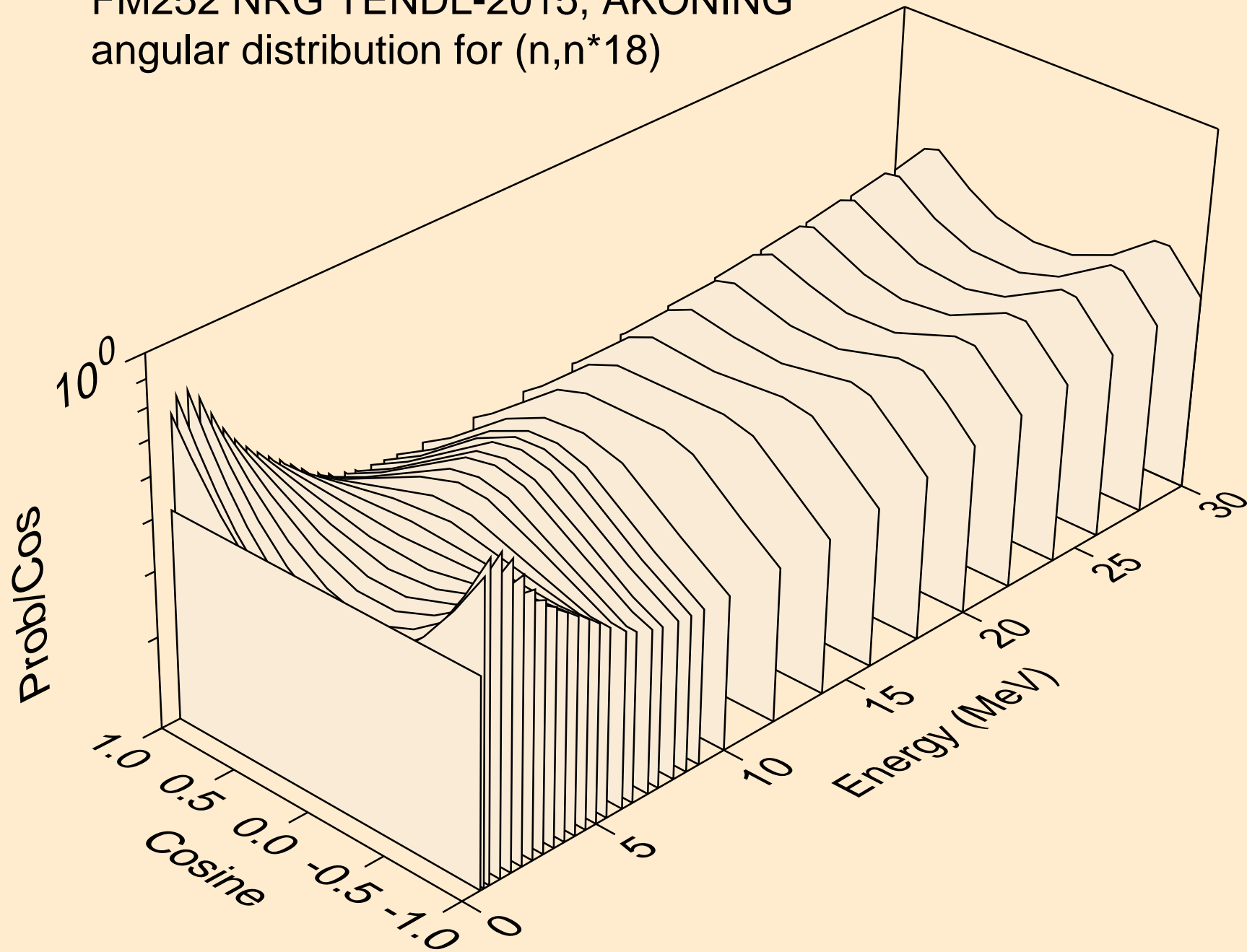
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angular distribution for (n,n\*16)



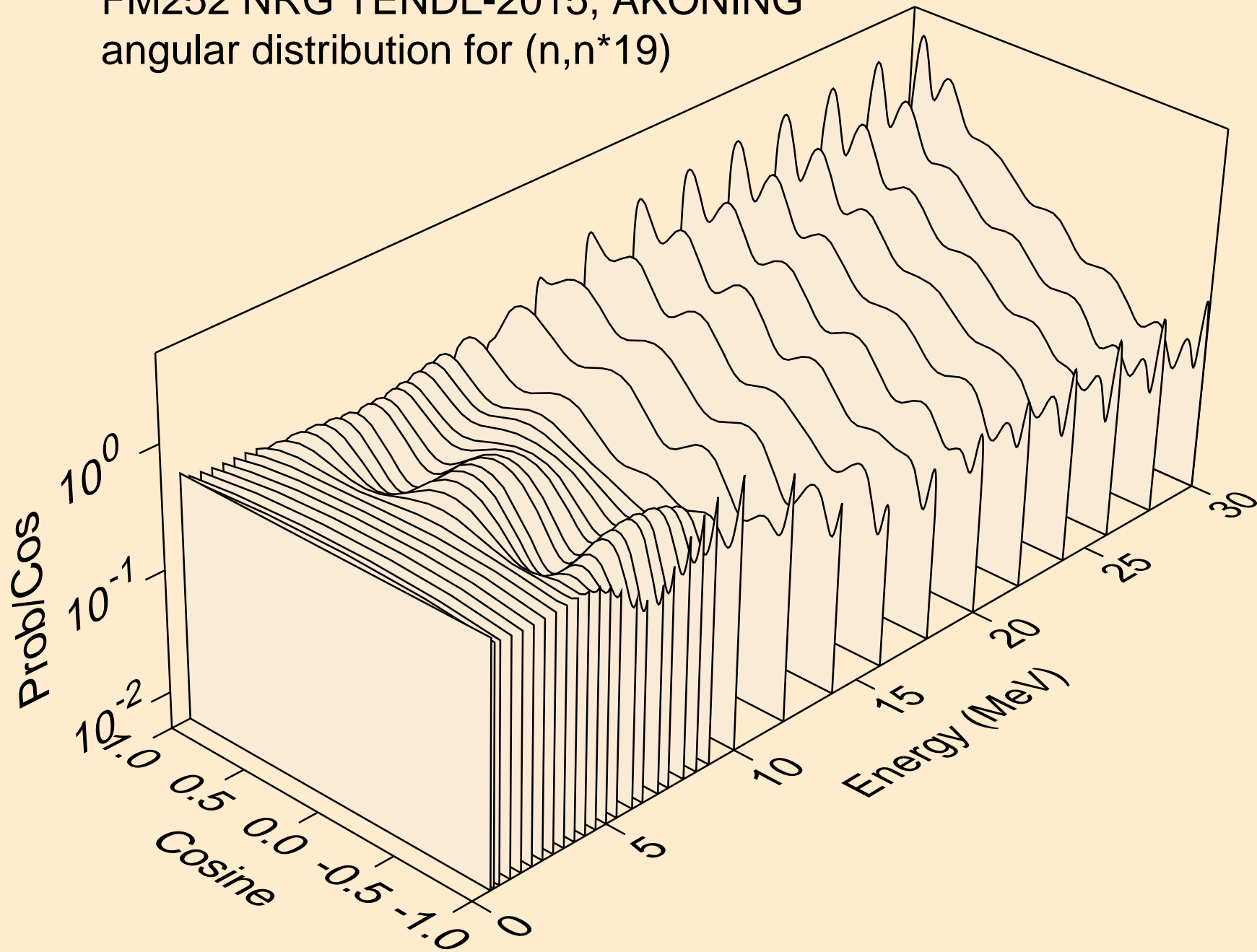
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angular distribution for (n,n\*17)



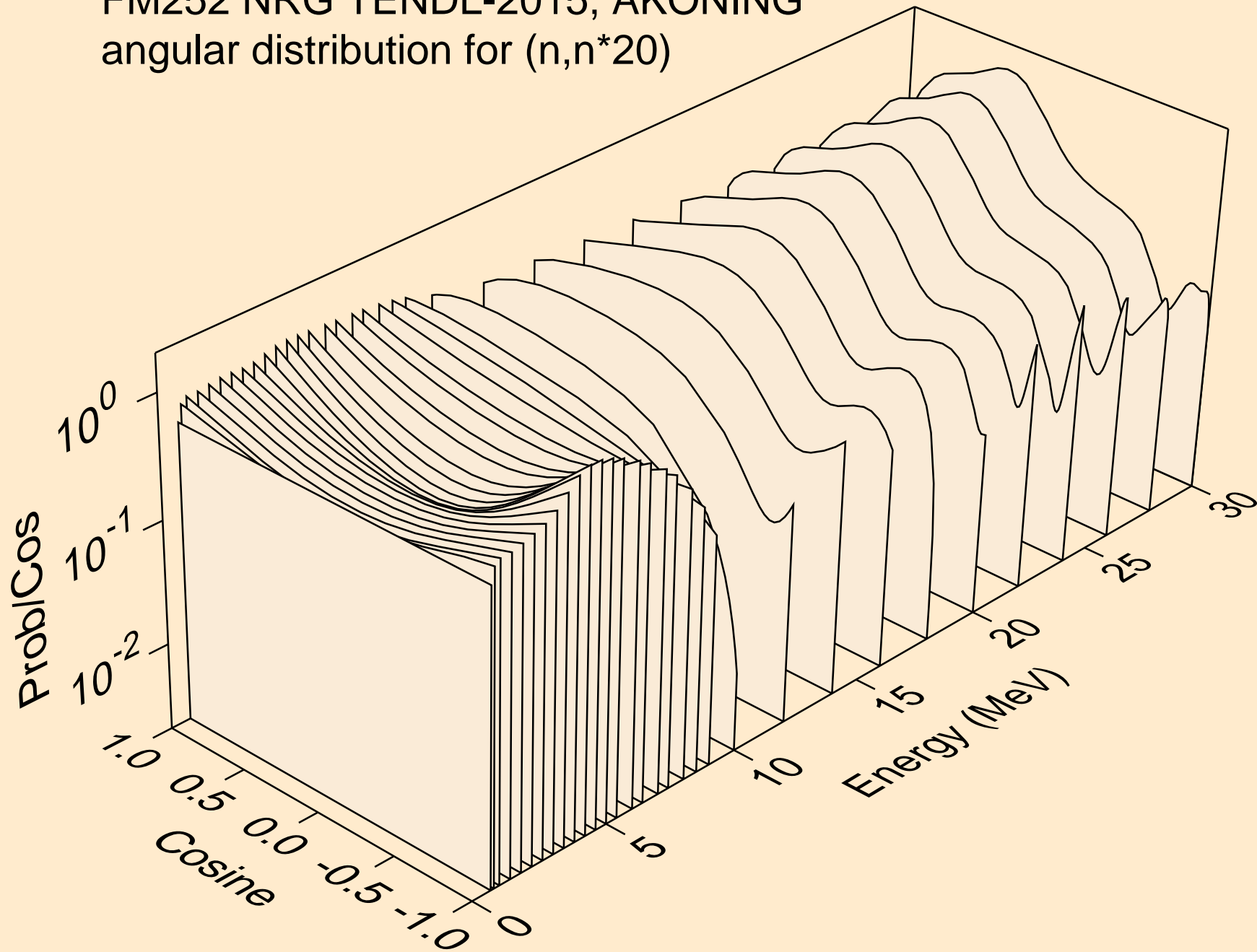
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angular distribution for (n,n\*18)



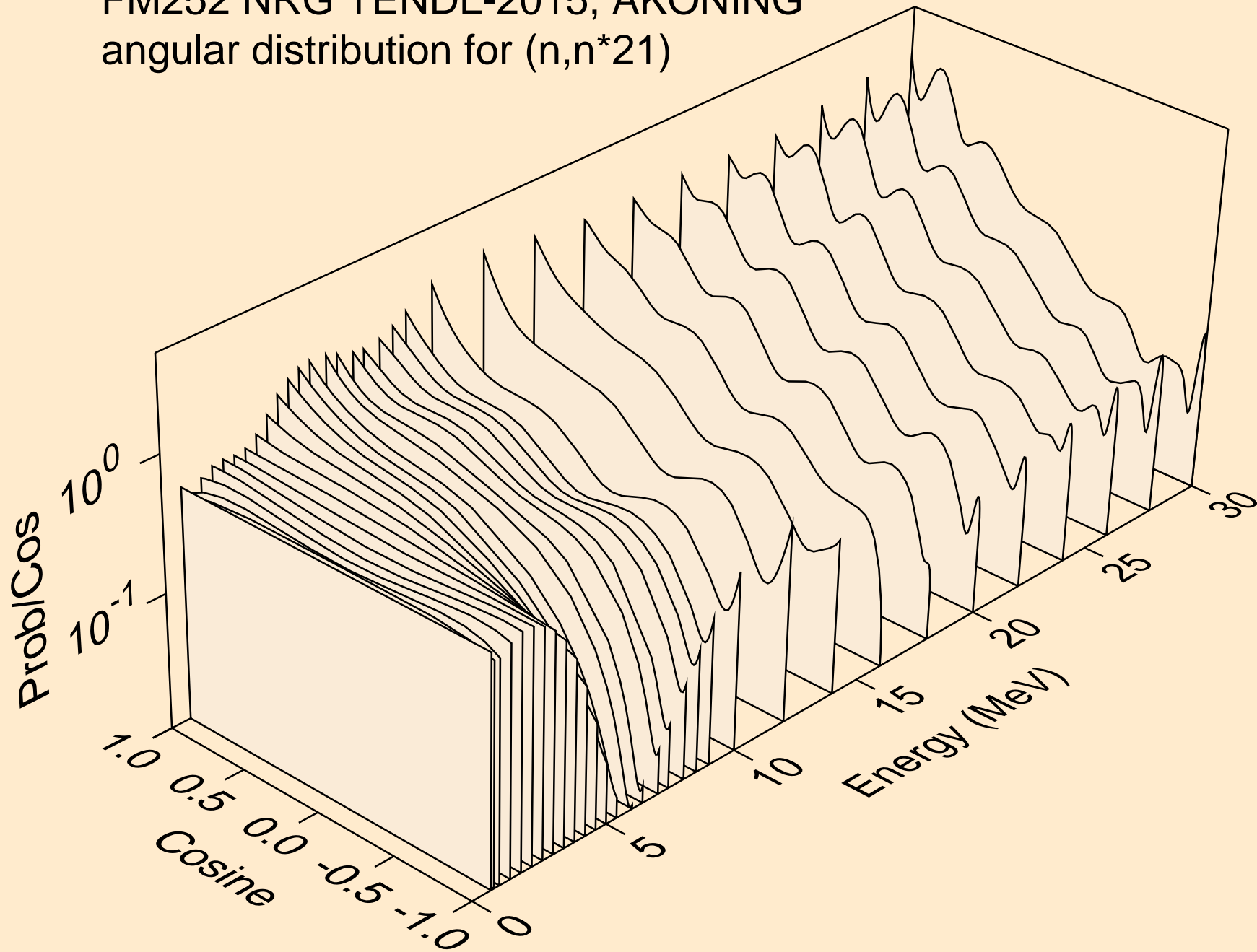
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angular distribution for (n,n\*19)



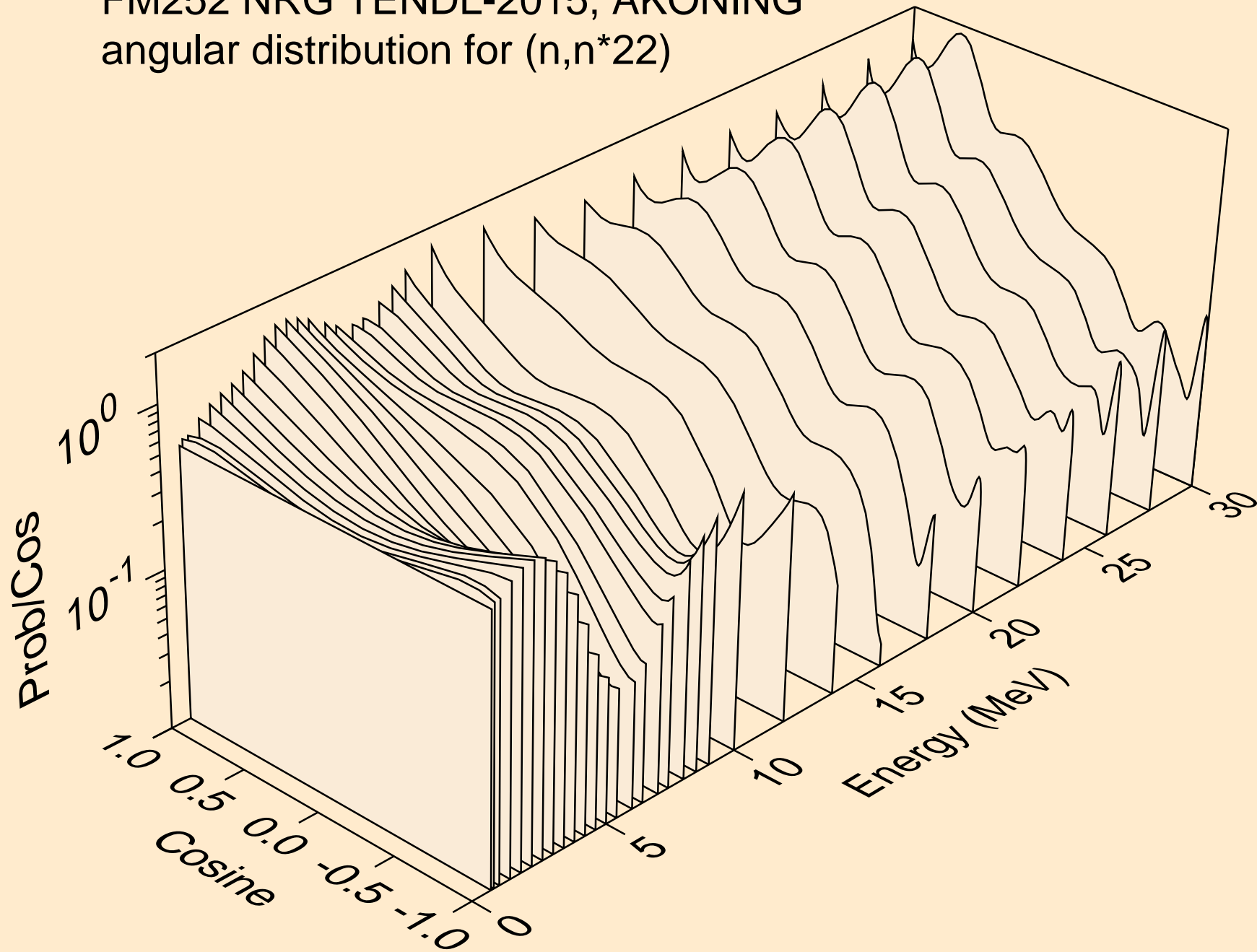
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angular distribution for (n,n\*20)



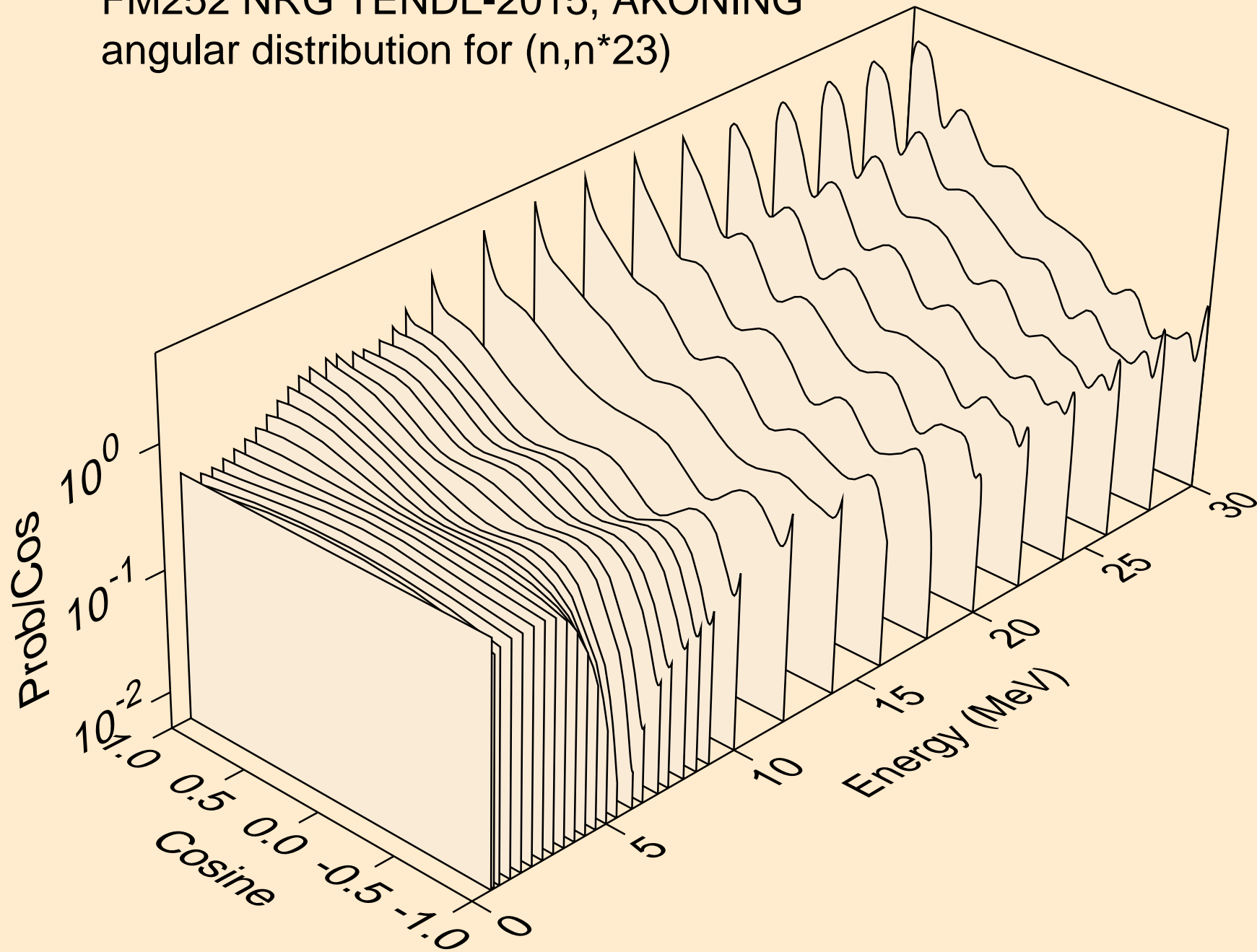
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angular distribution for (n,n\*21)



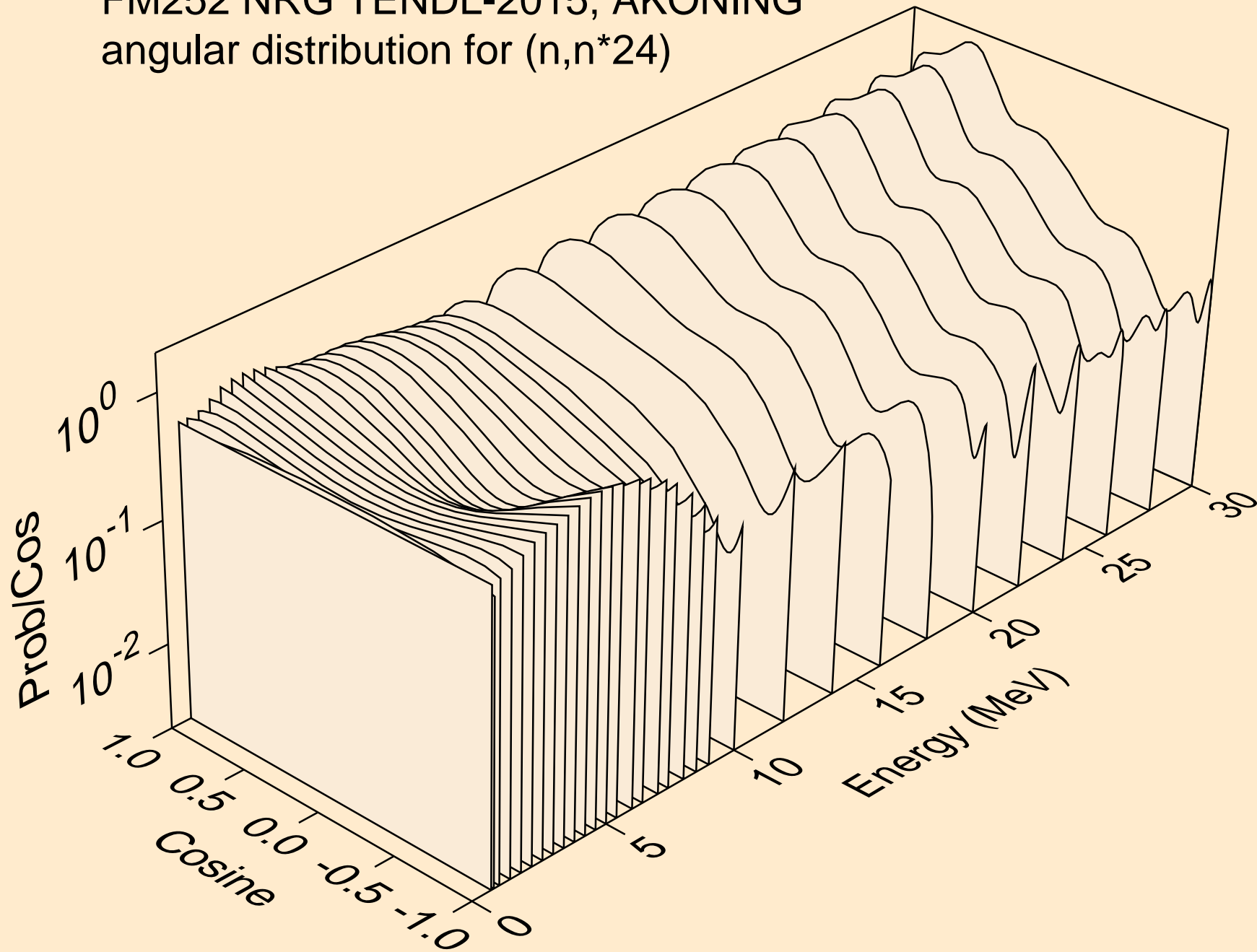
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angular distribution for (n,n\*22)



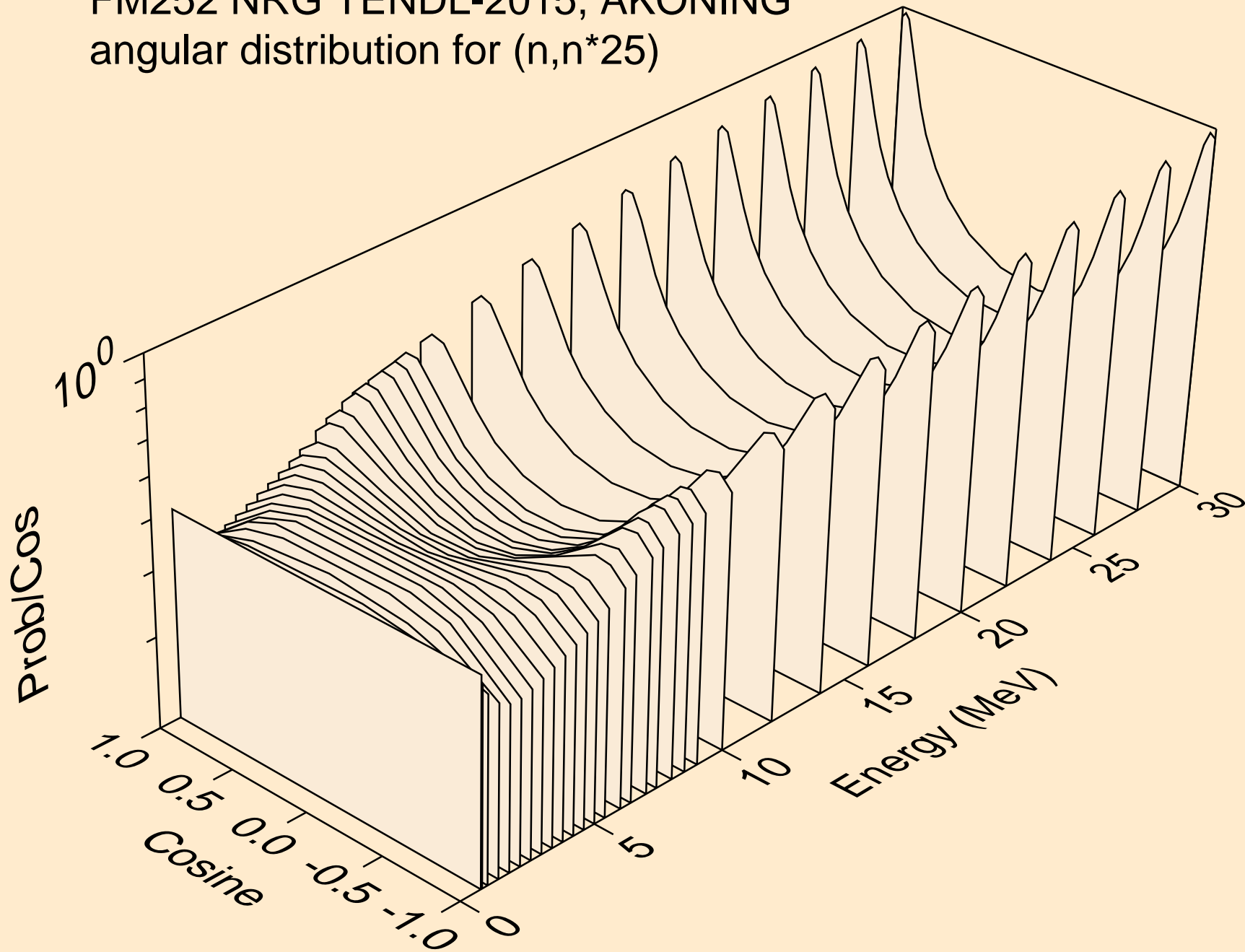
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angular distribution for (n,n\*23)



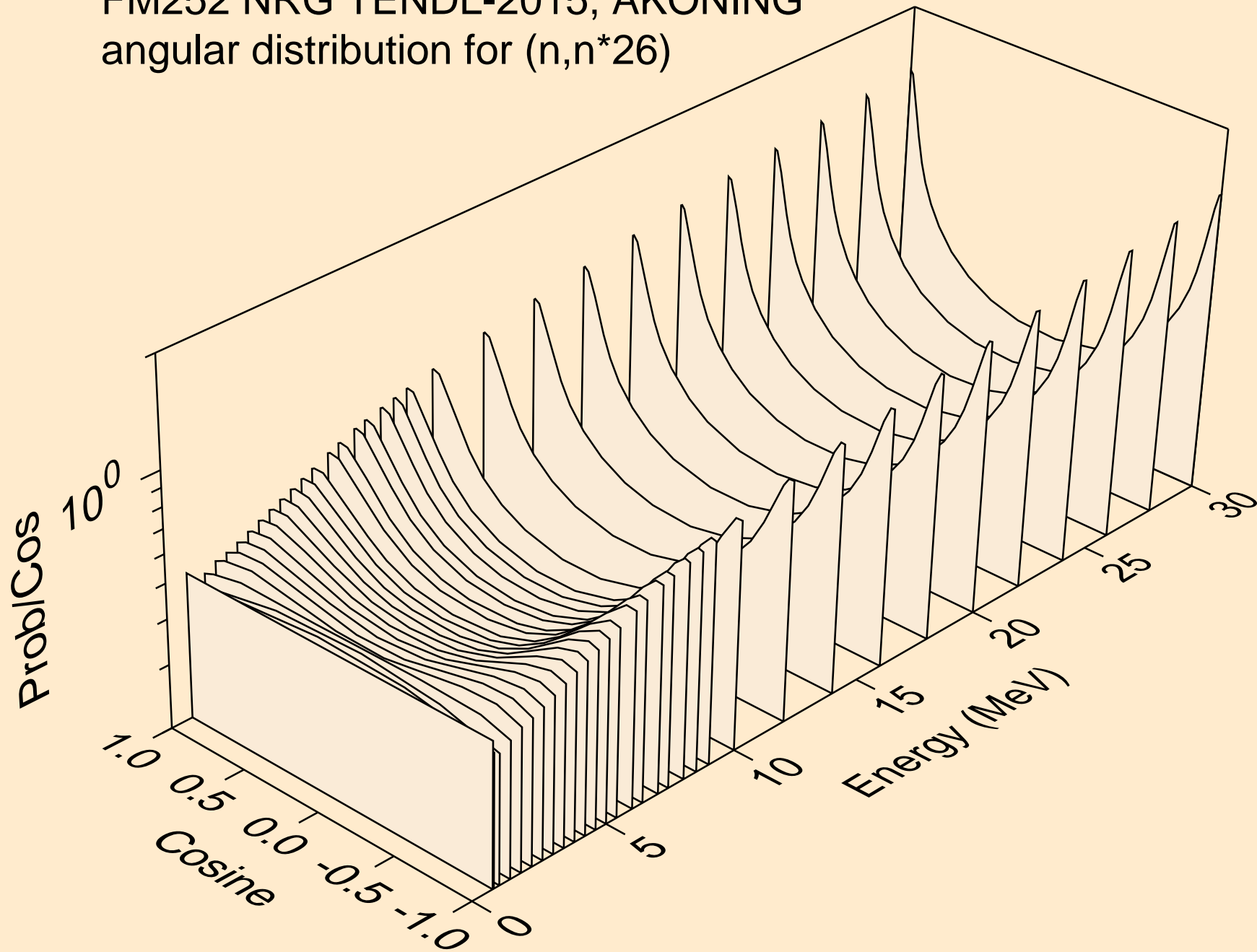
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angular distribution for (n,n\*24)



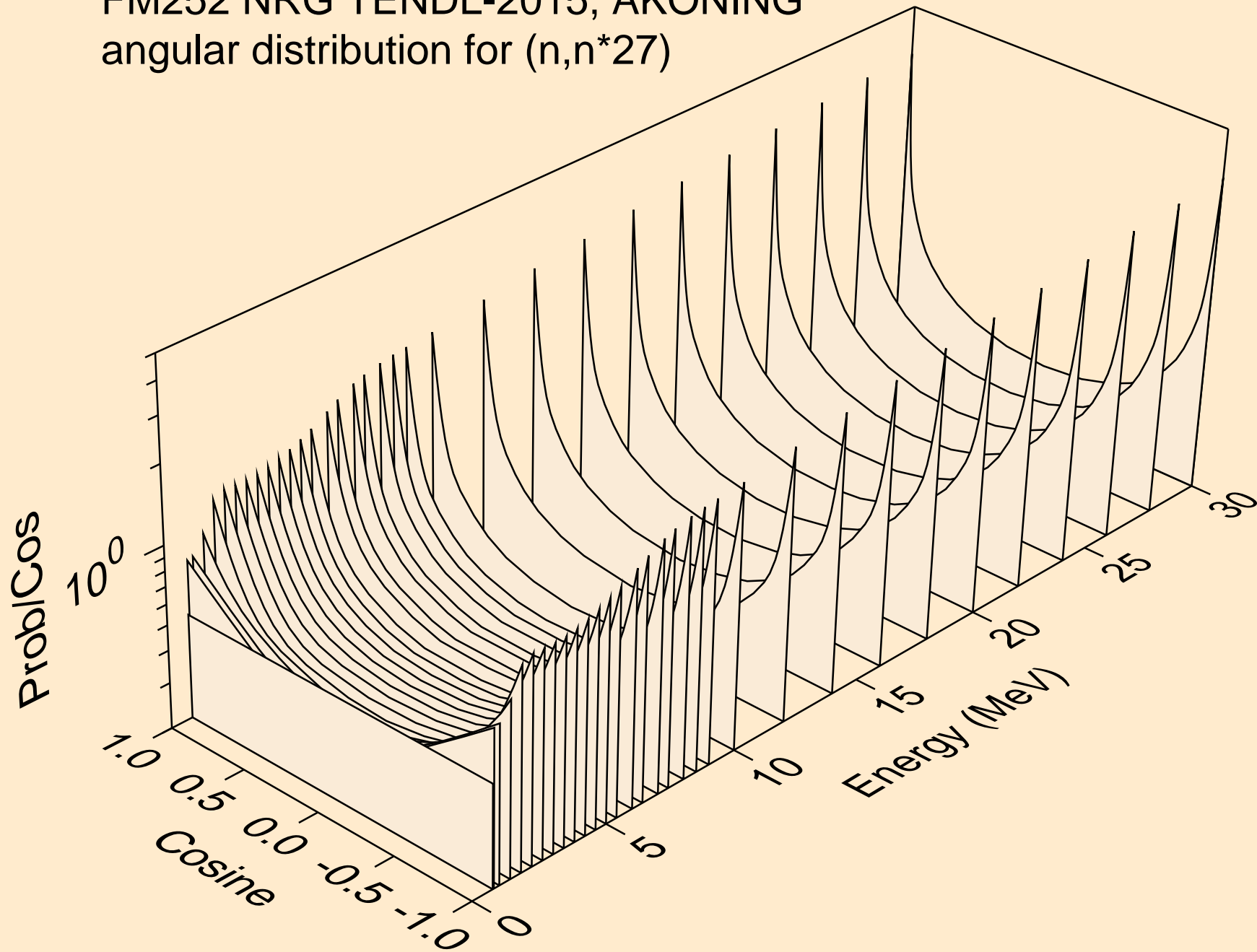
FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)

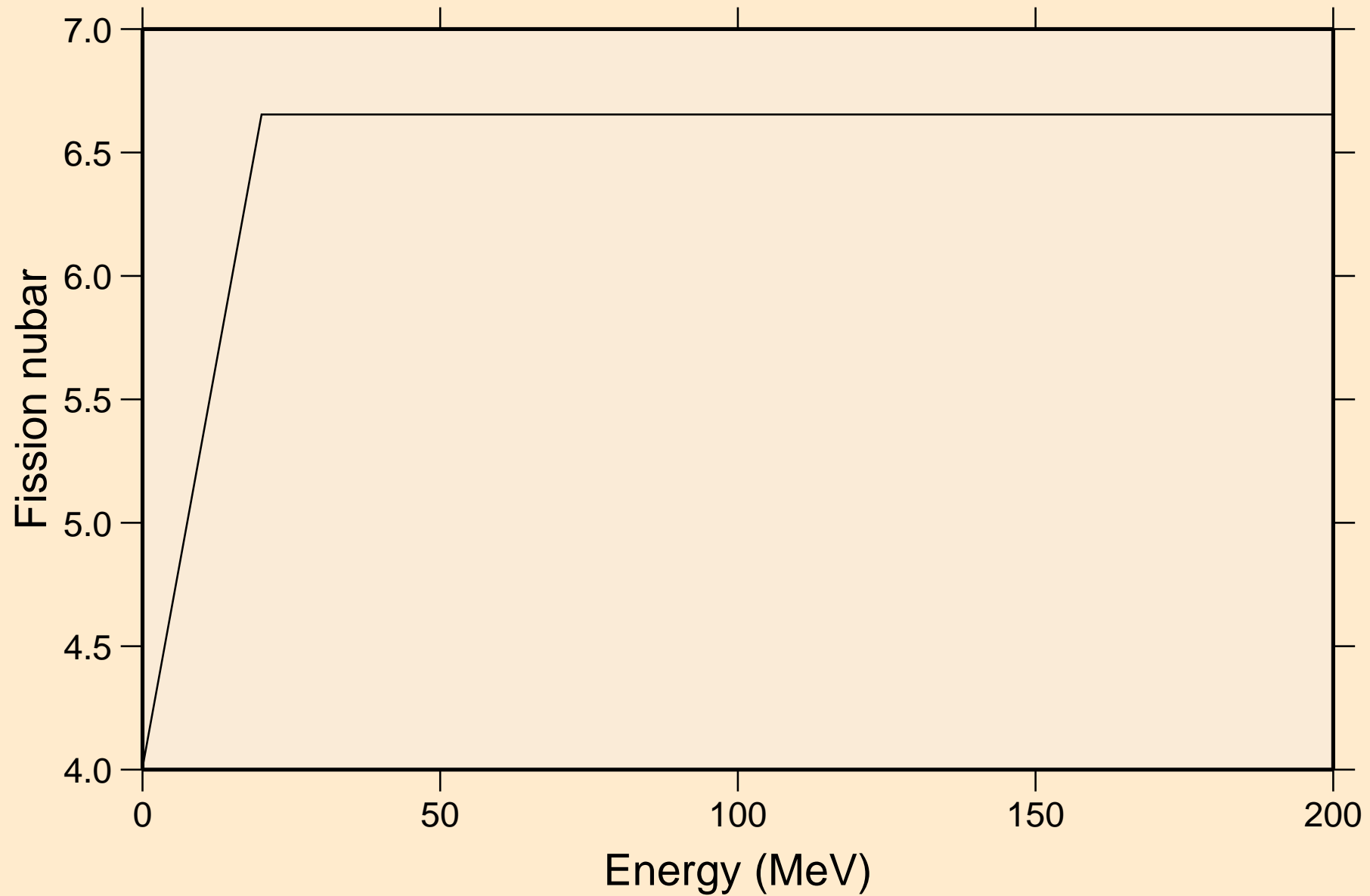


FM252 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

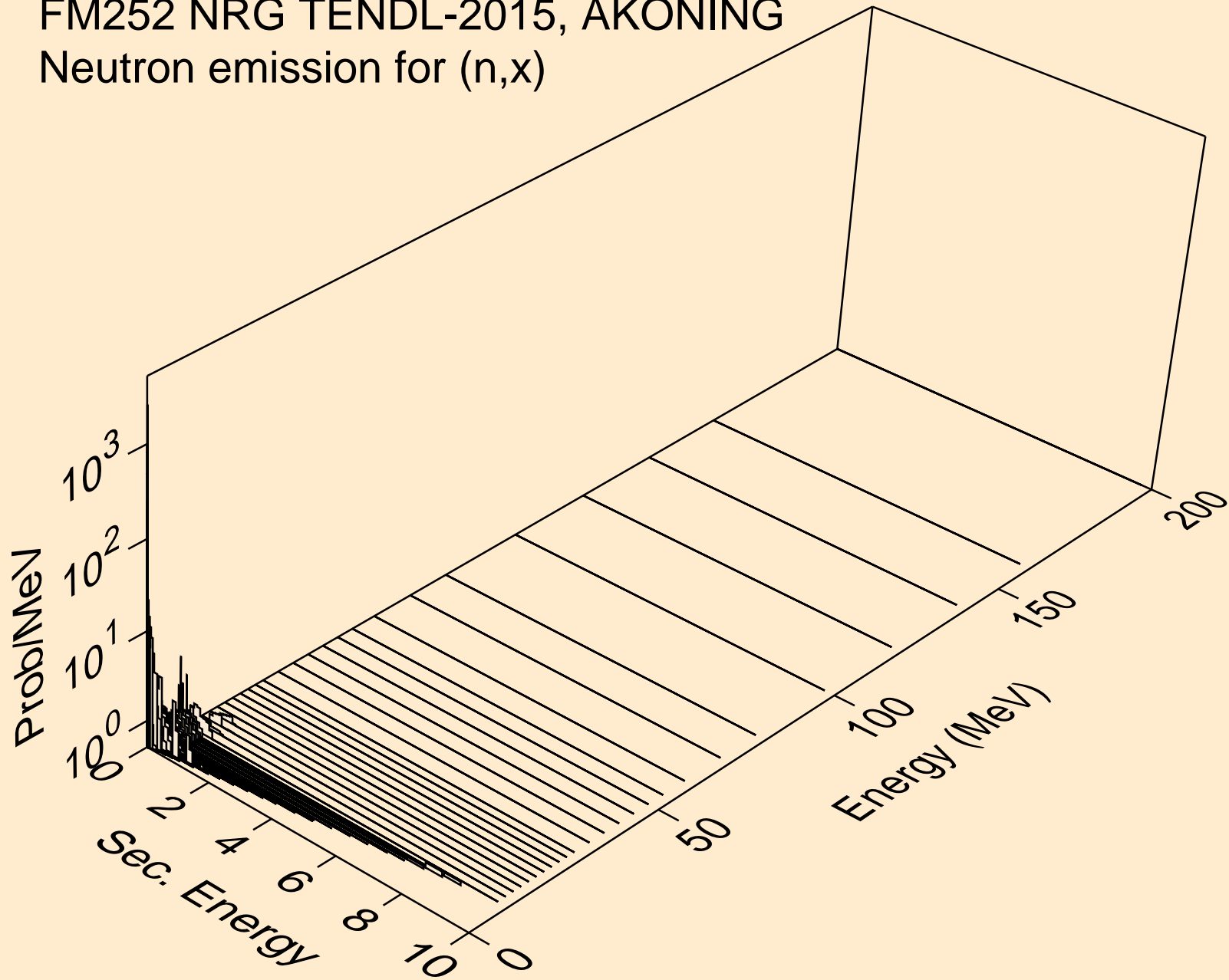


# FM252 NRG TENDL-2015, AKONING

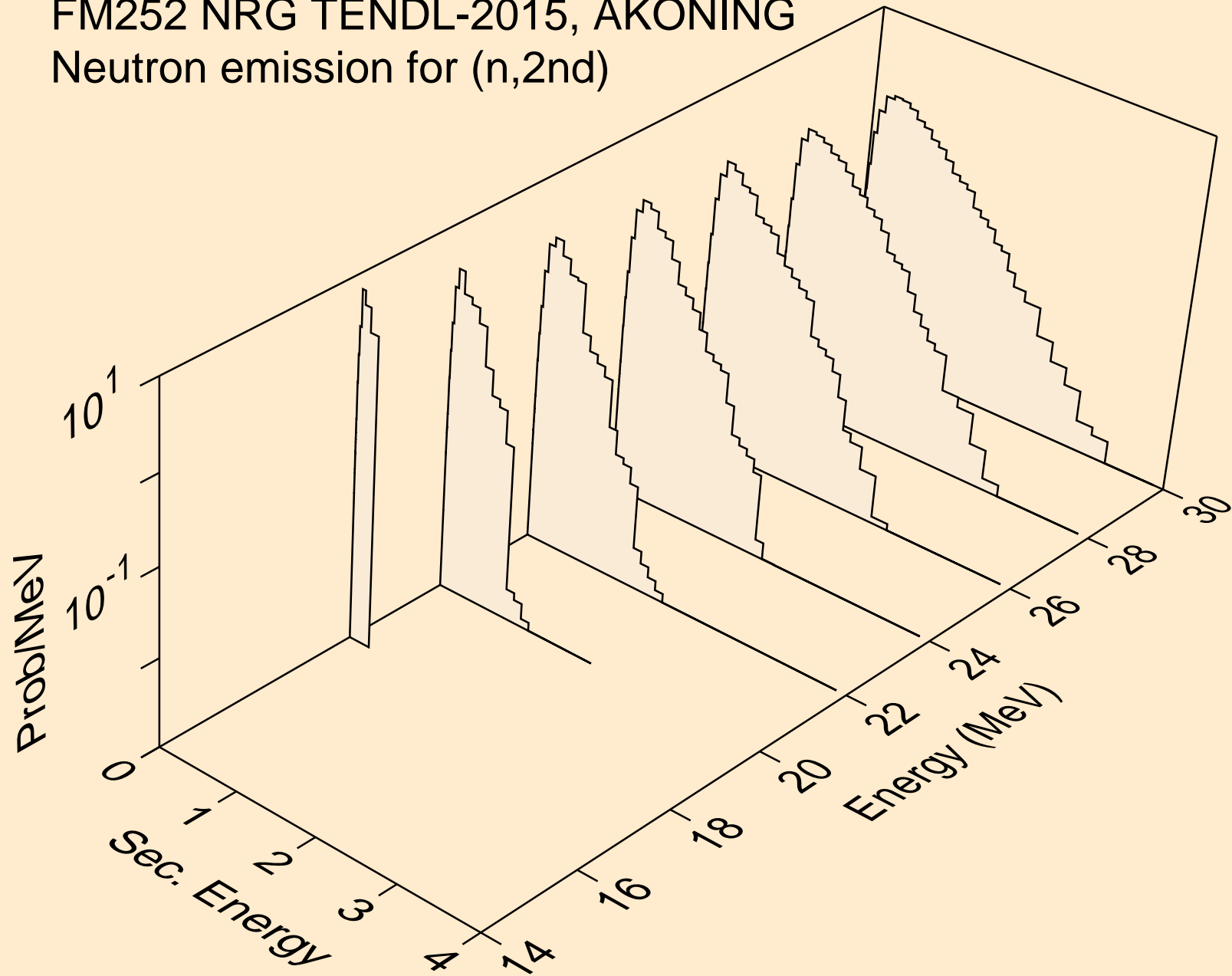
Total fission nubar



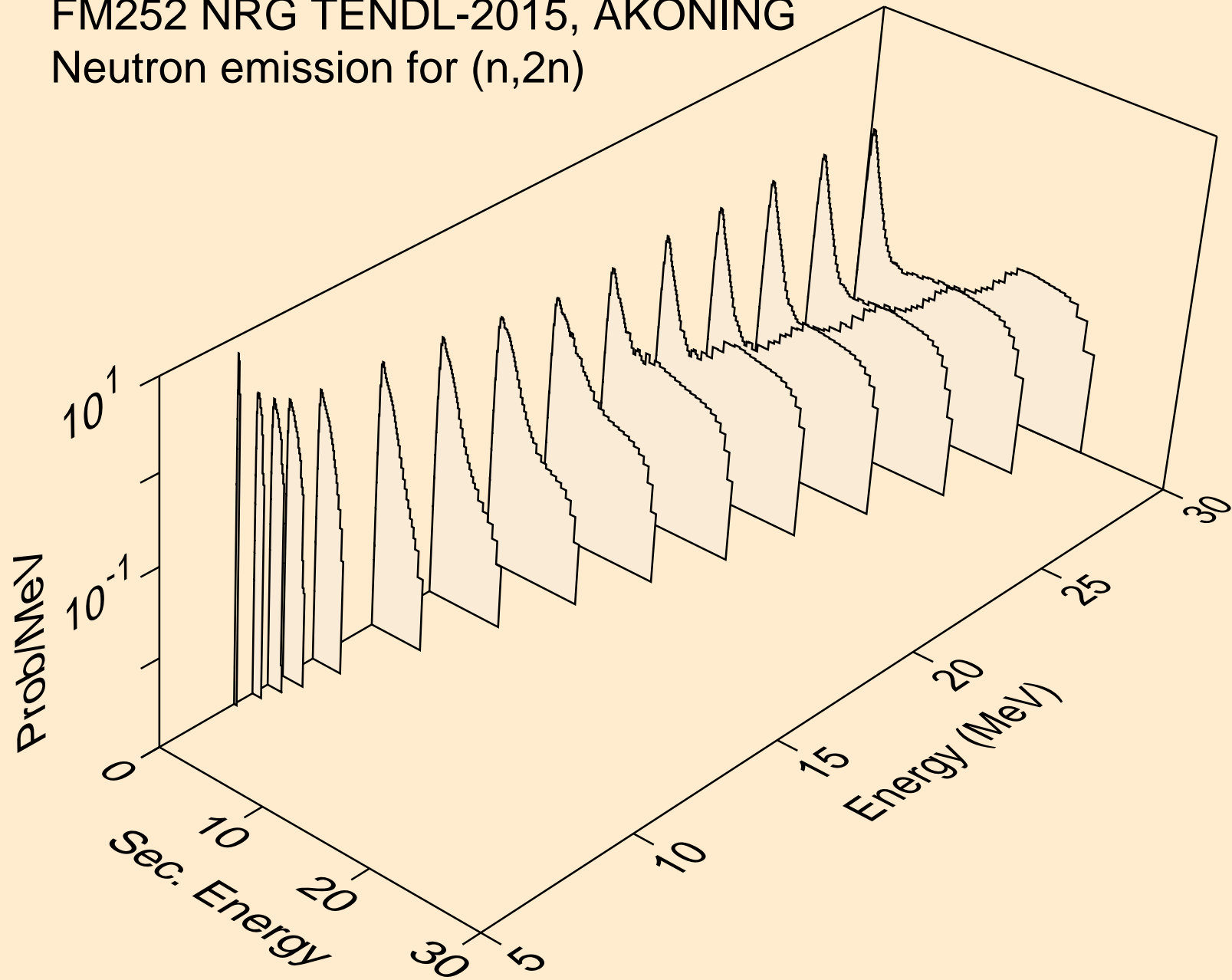
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



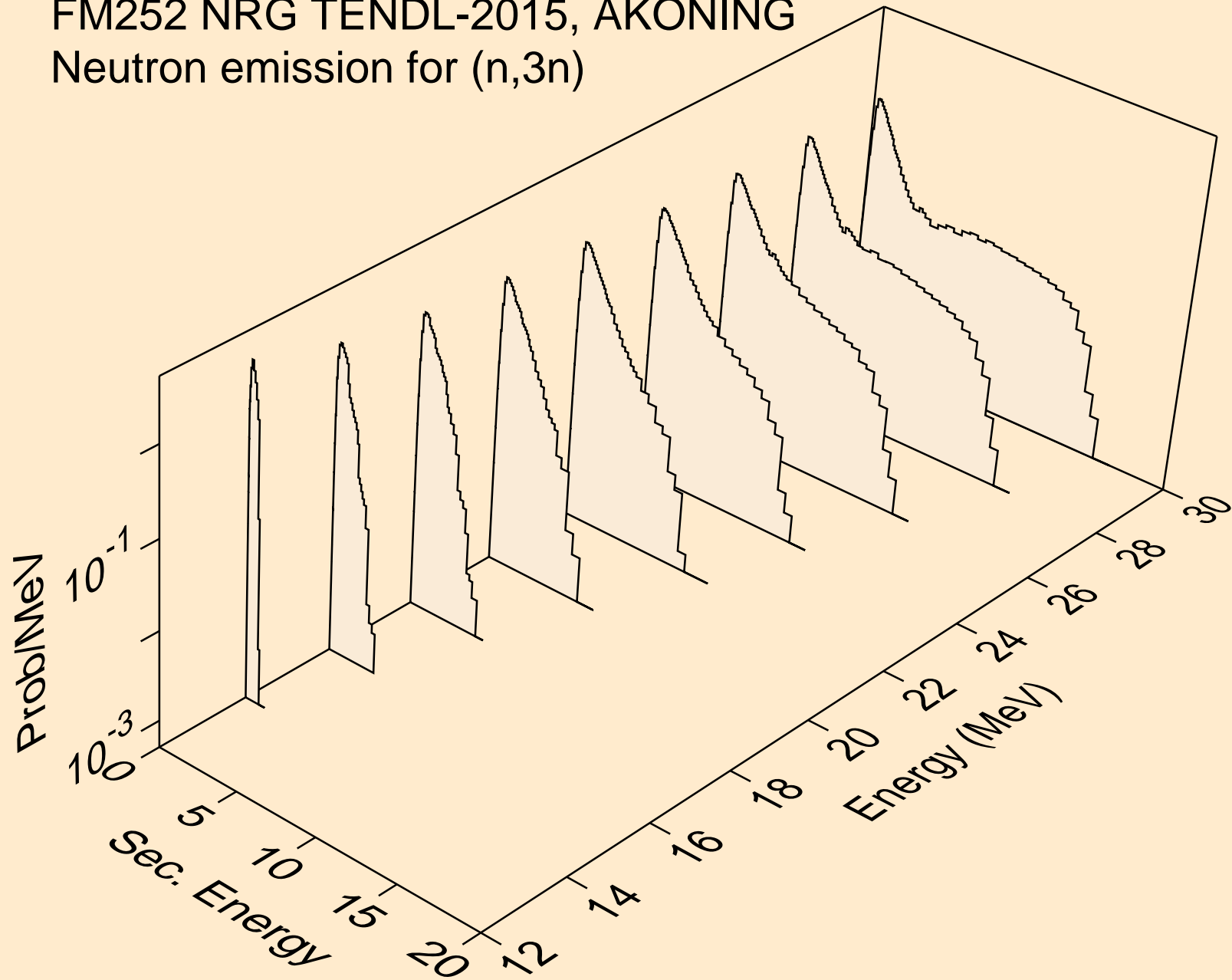
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



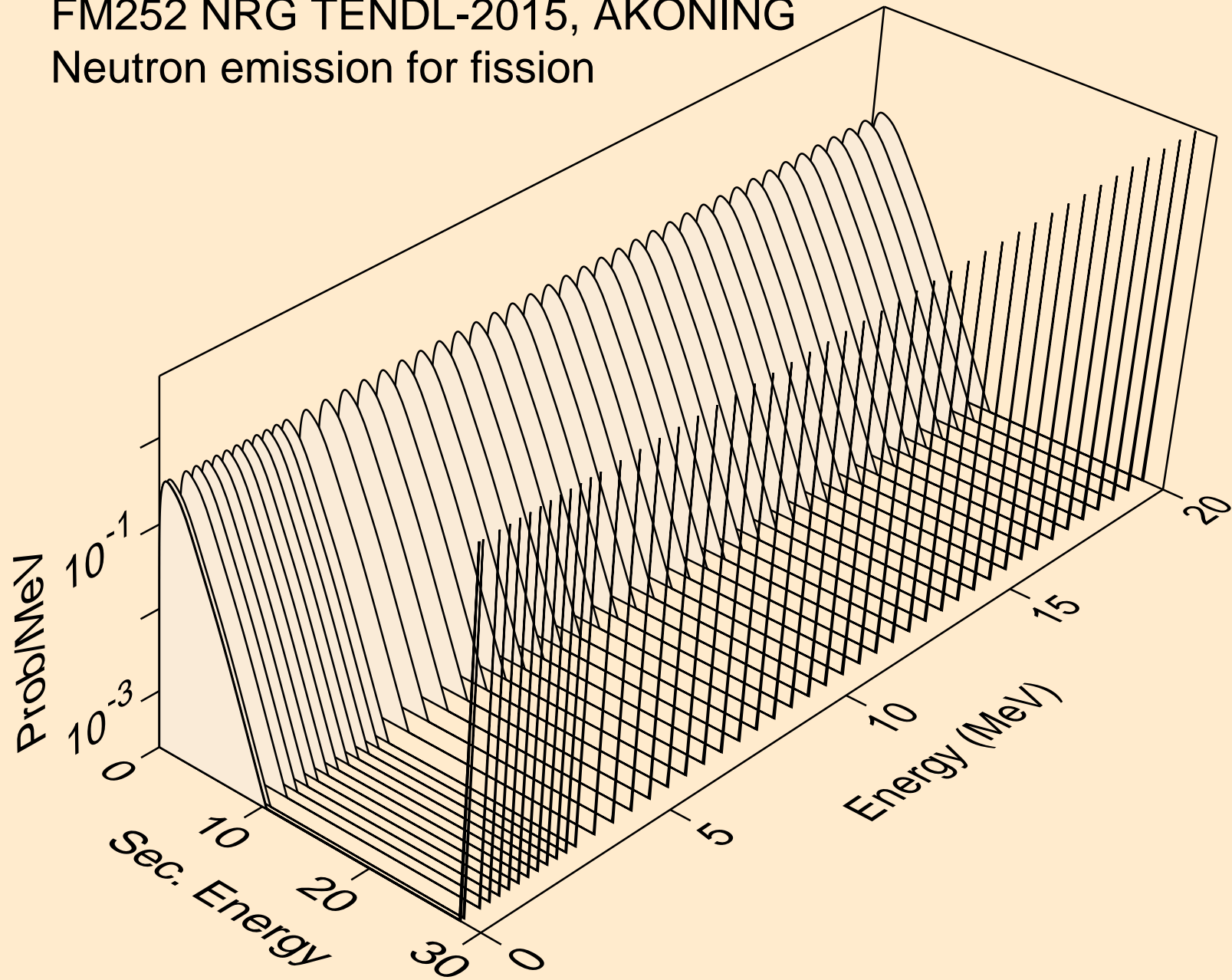
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Neutron emission for (n,2n)



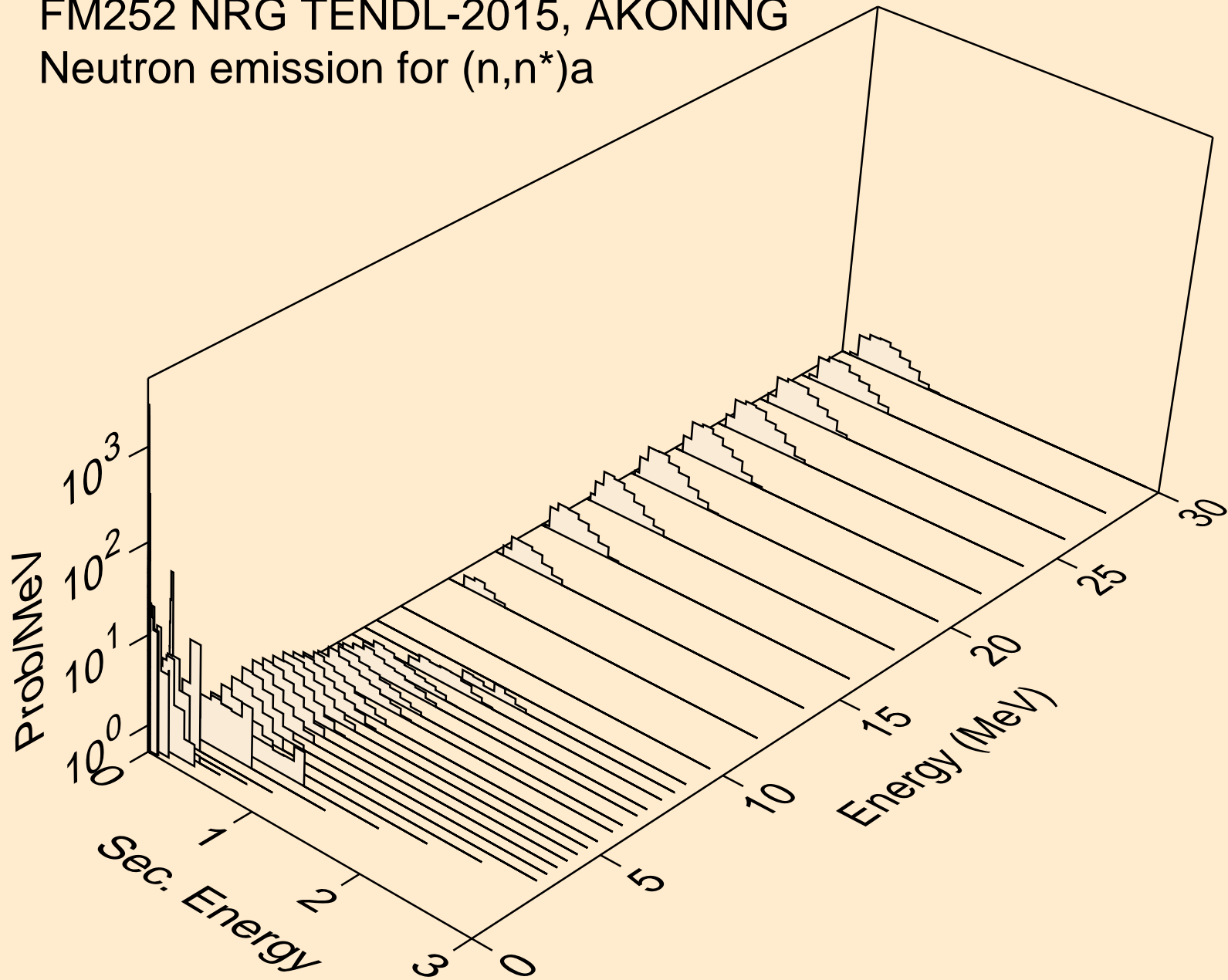
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



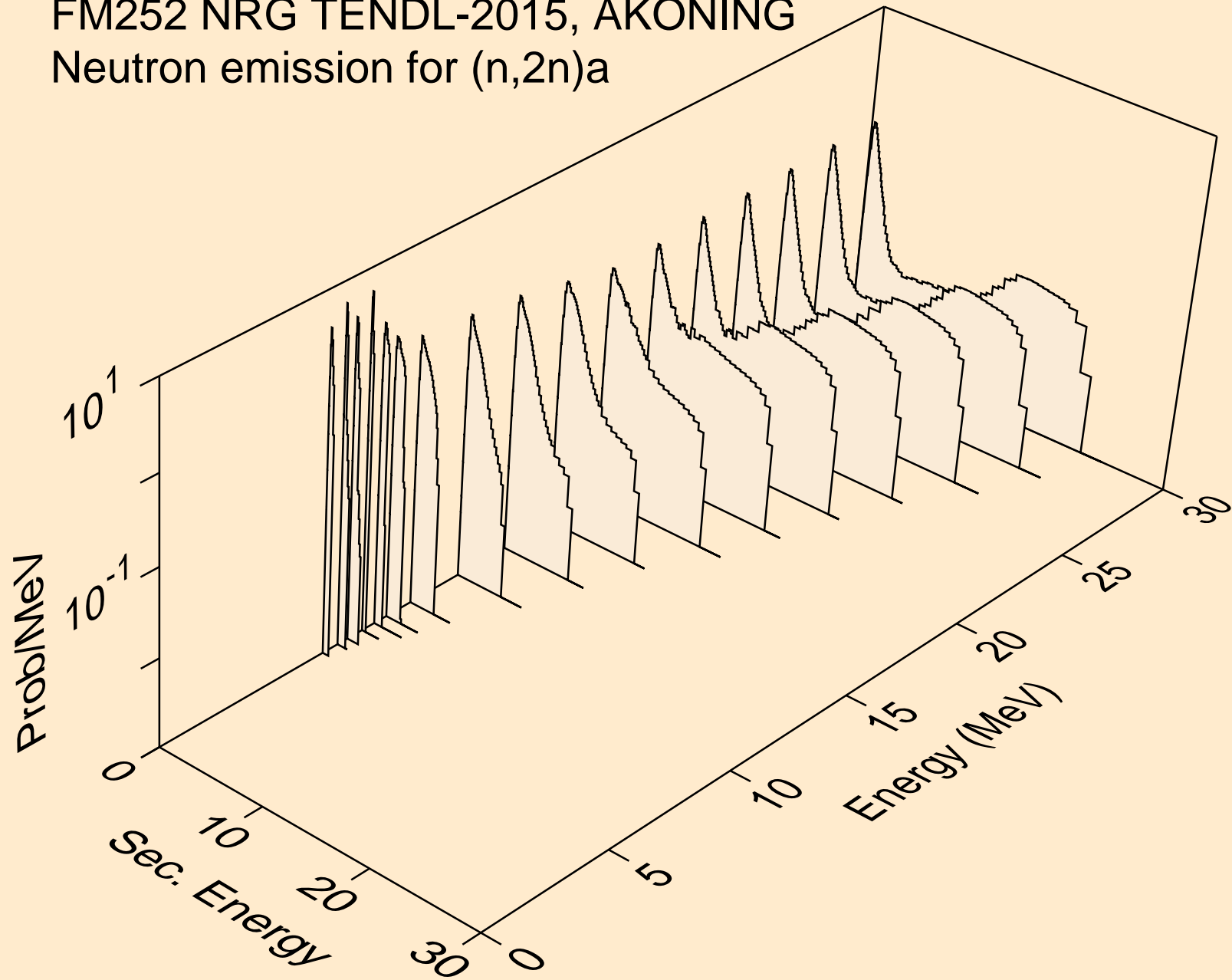
FM252 NRG TENDL-2015, AKONING  
Neutron emission for fission



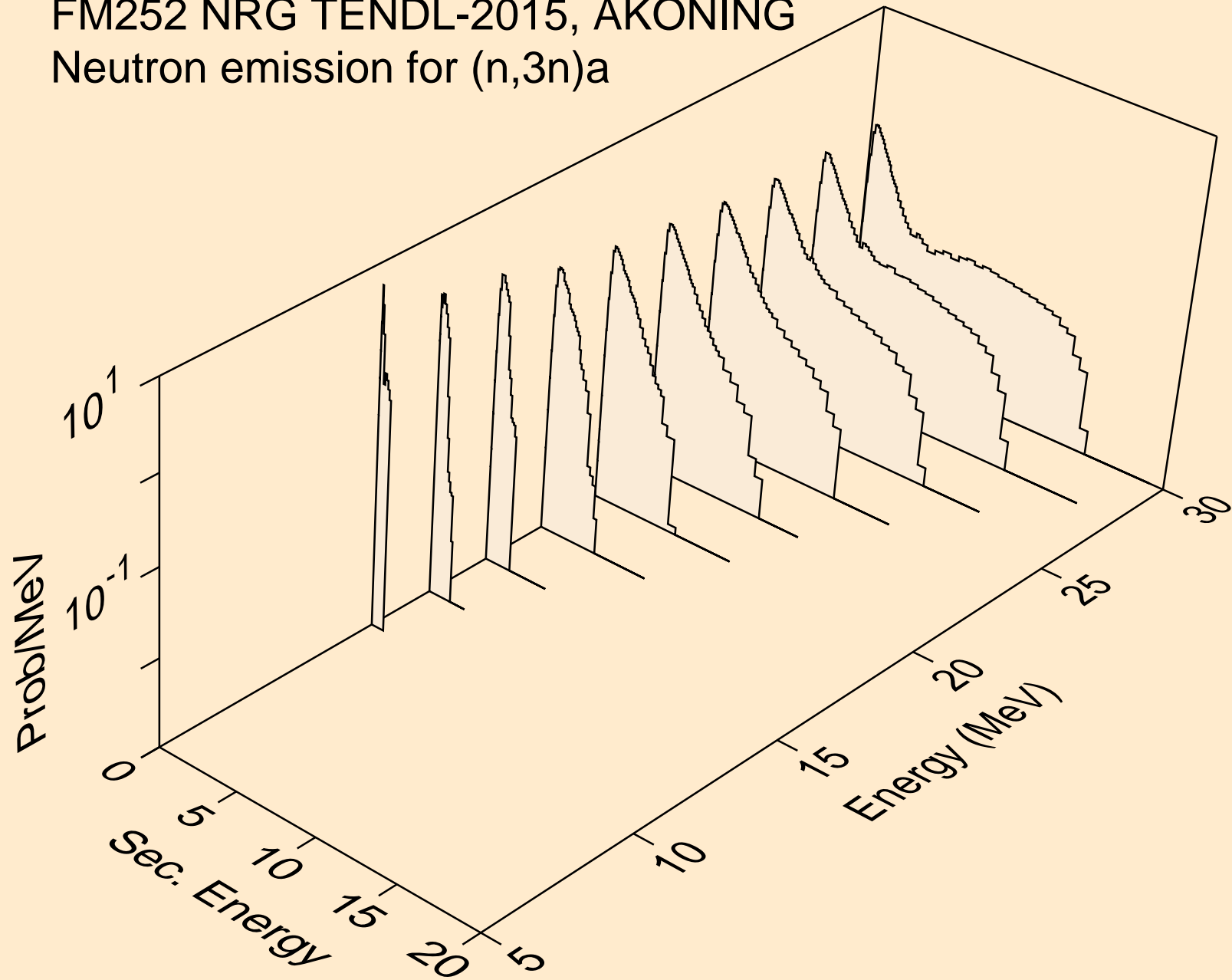
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



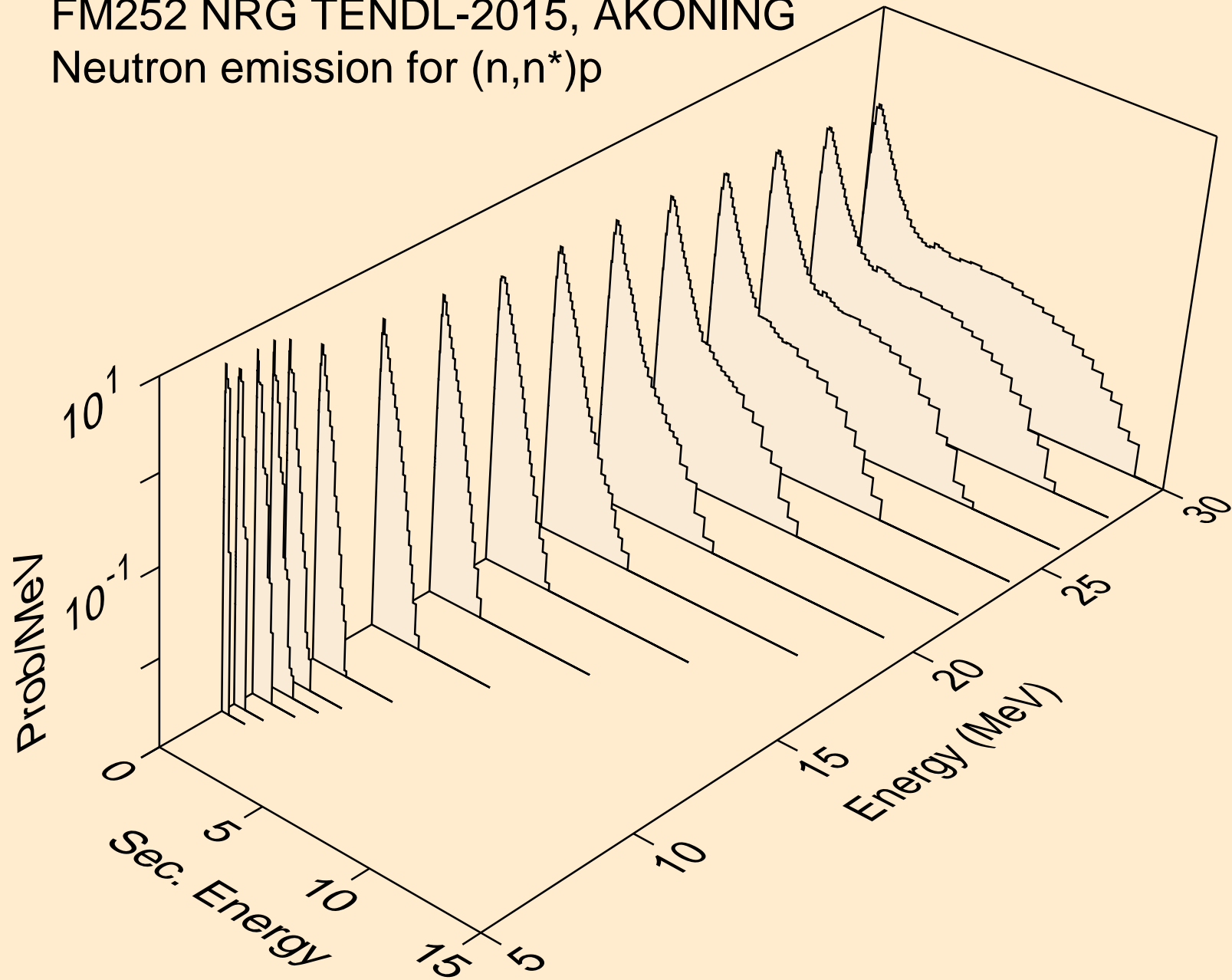
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Neutron emission for (n,2n)a



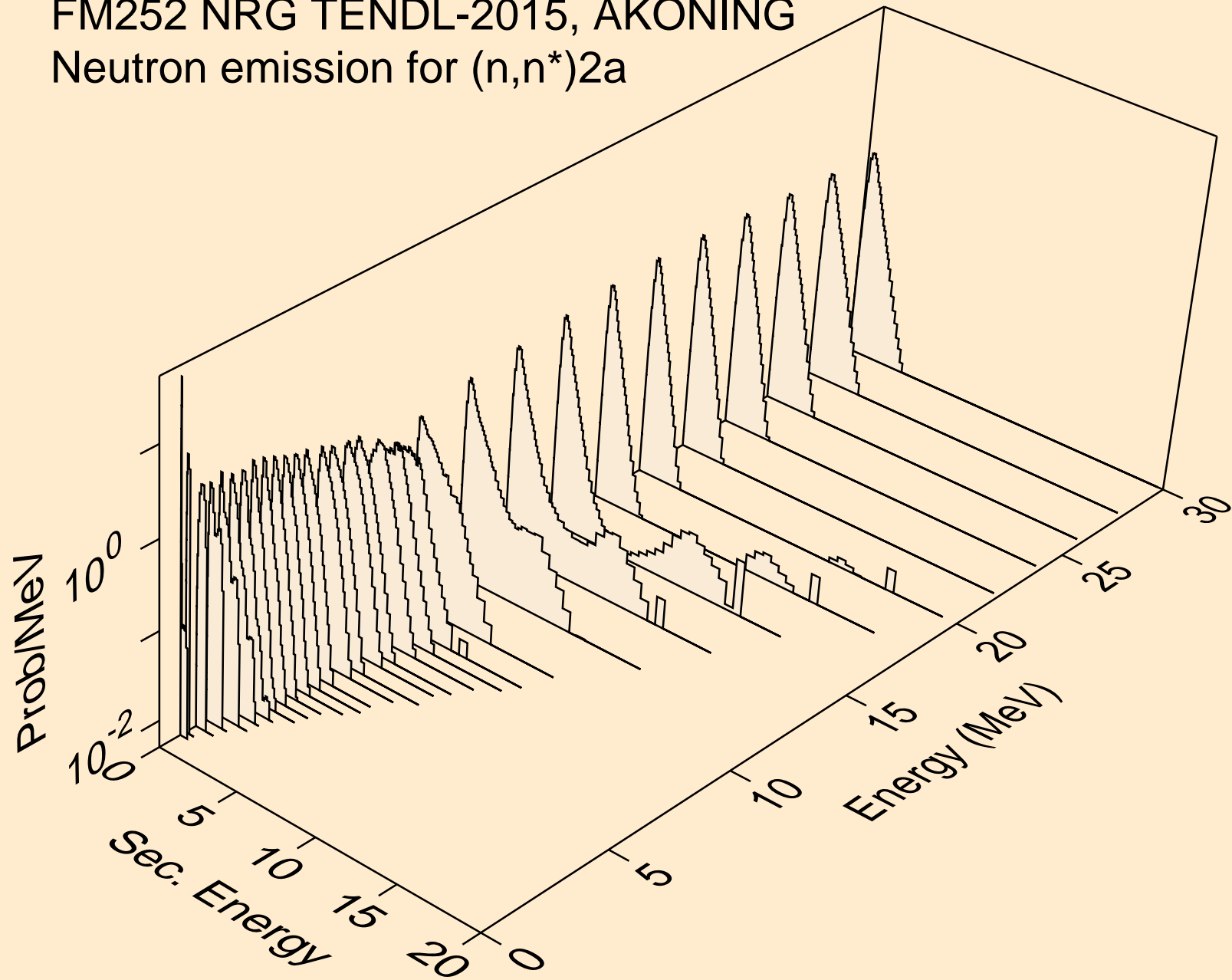
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Neutron emission for (n,3n)a



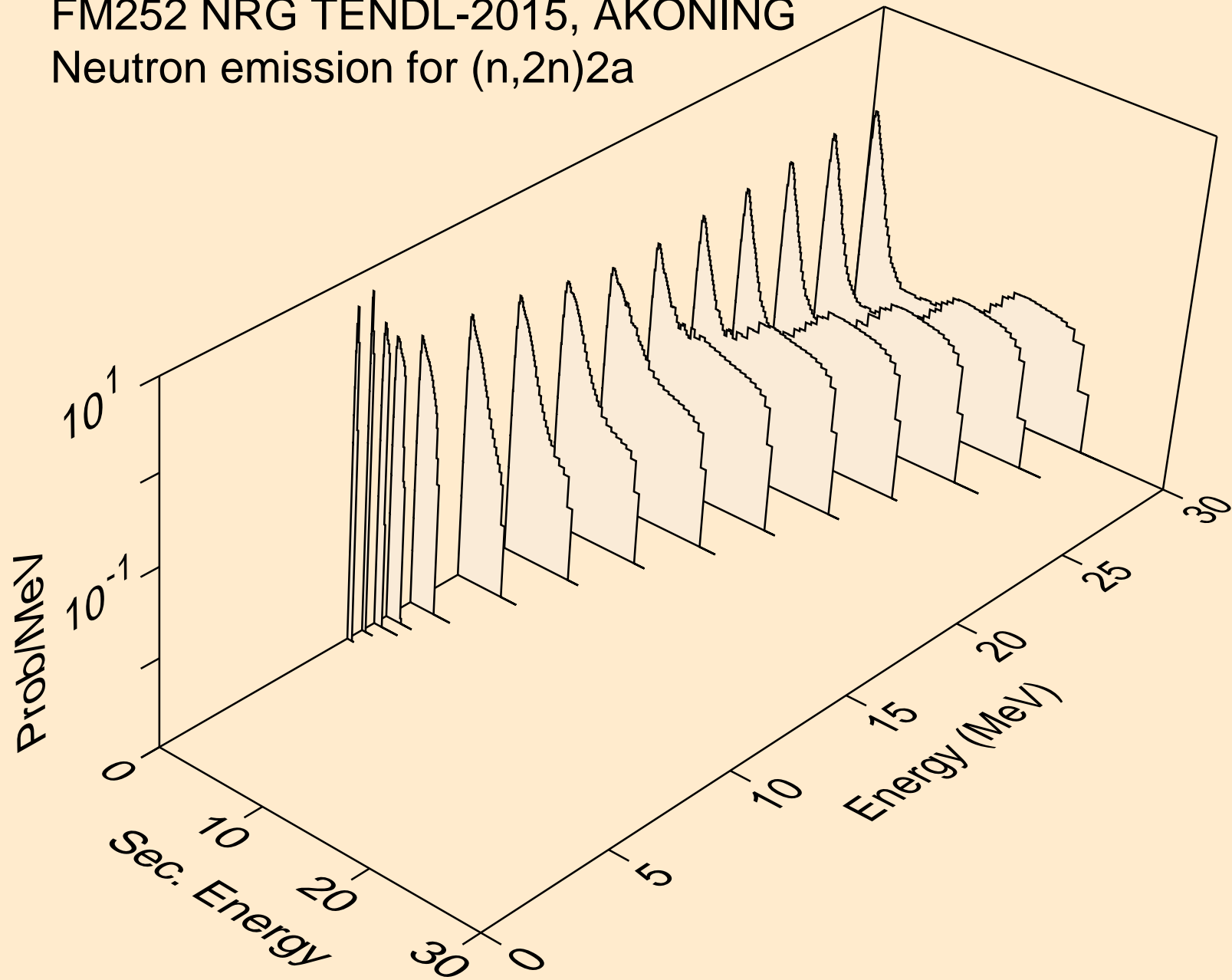
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Neutron emission for (n,n\*)p



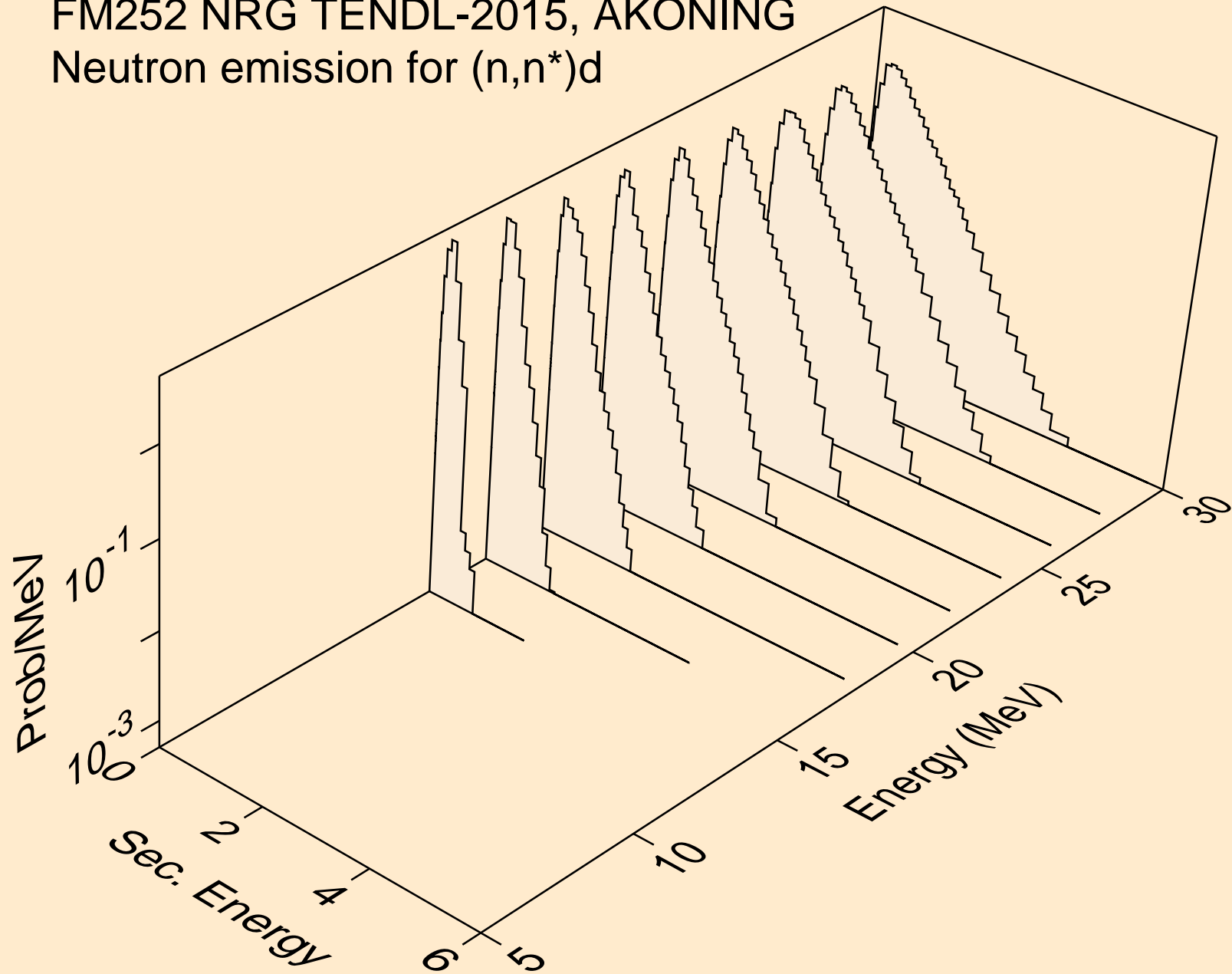
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



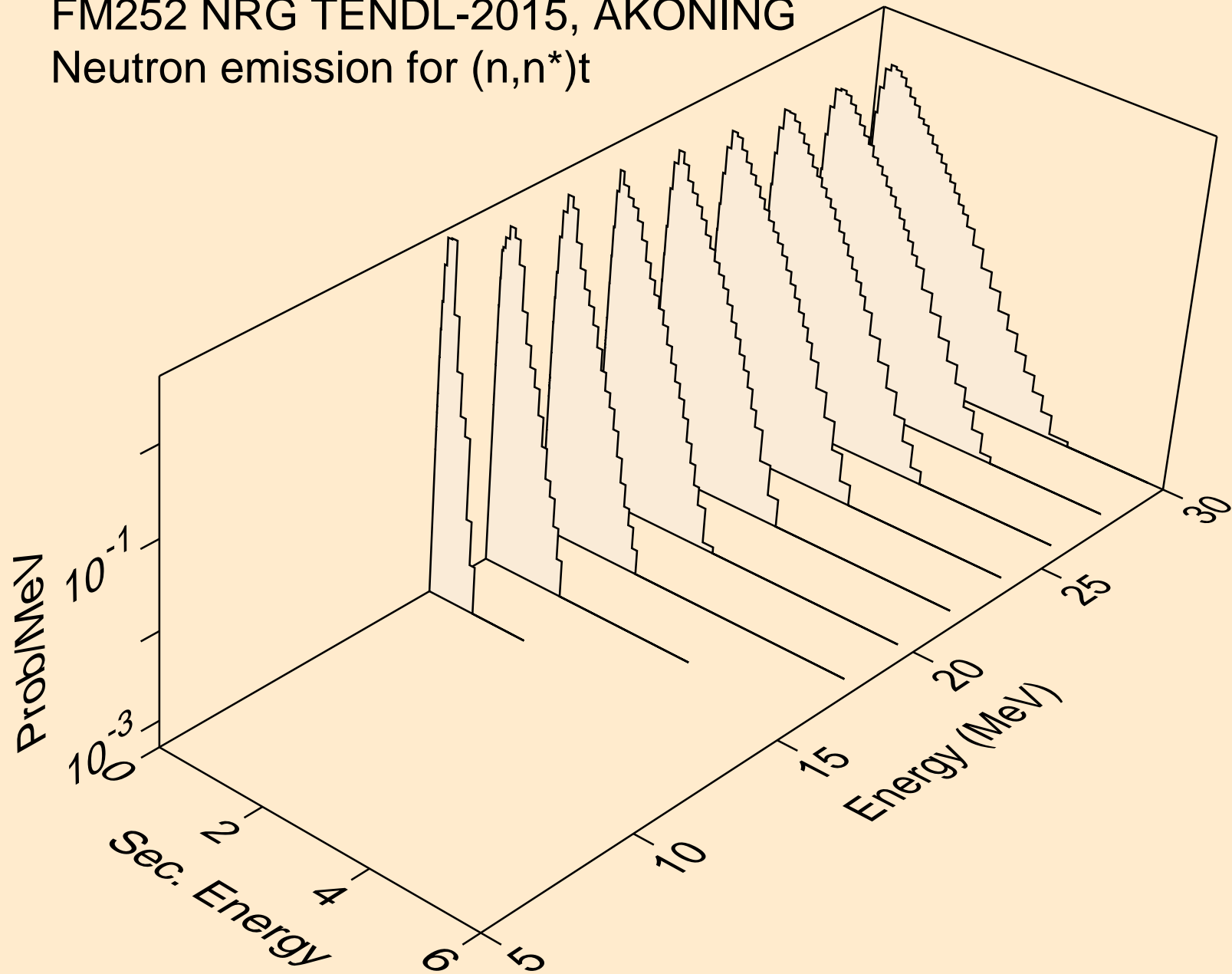
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



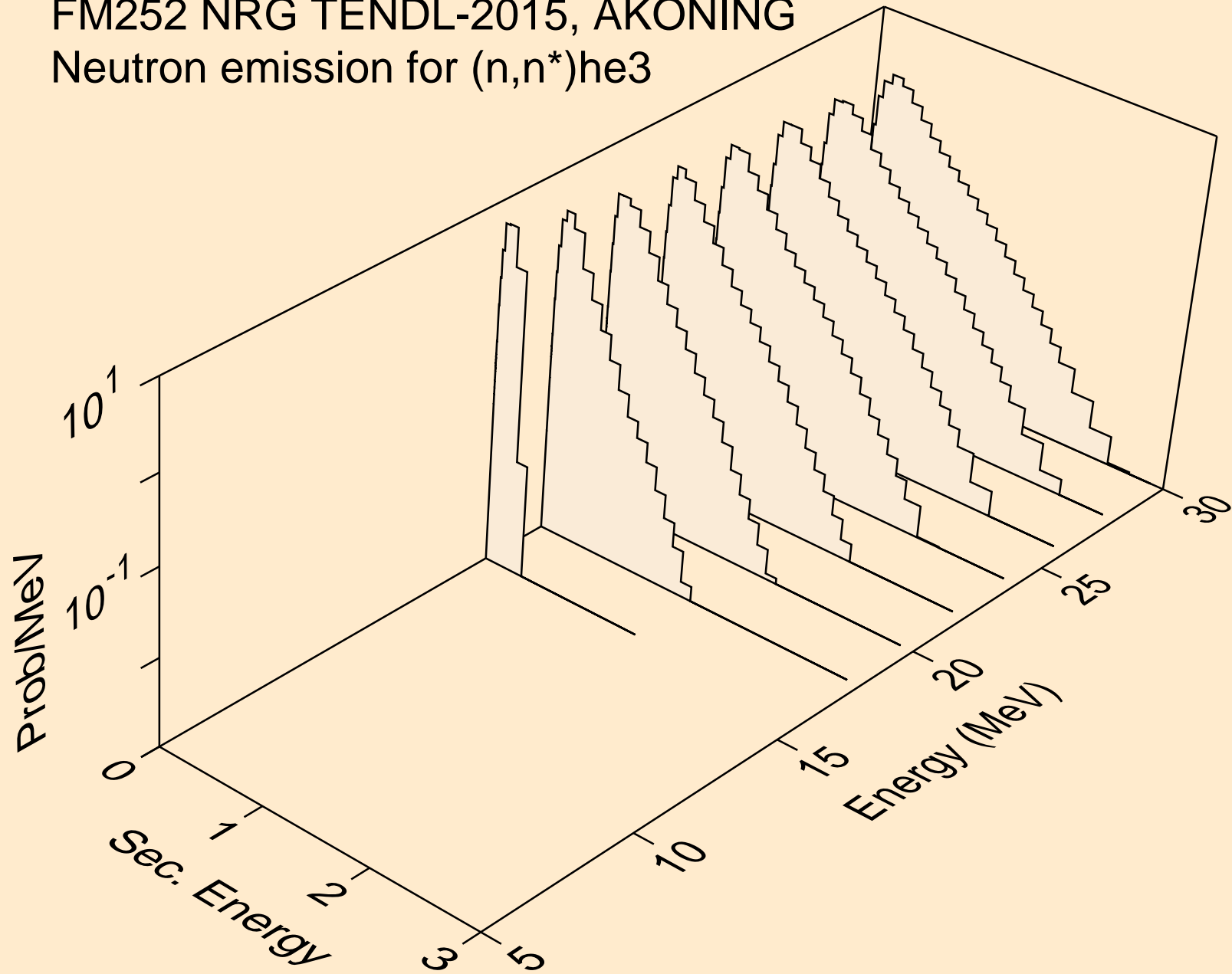
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



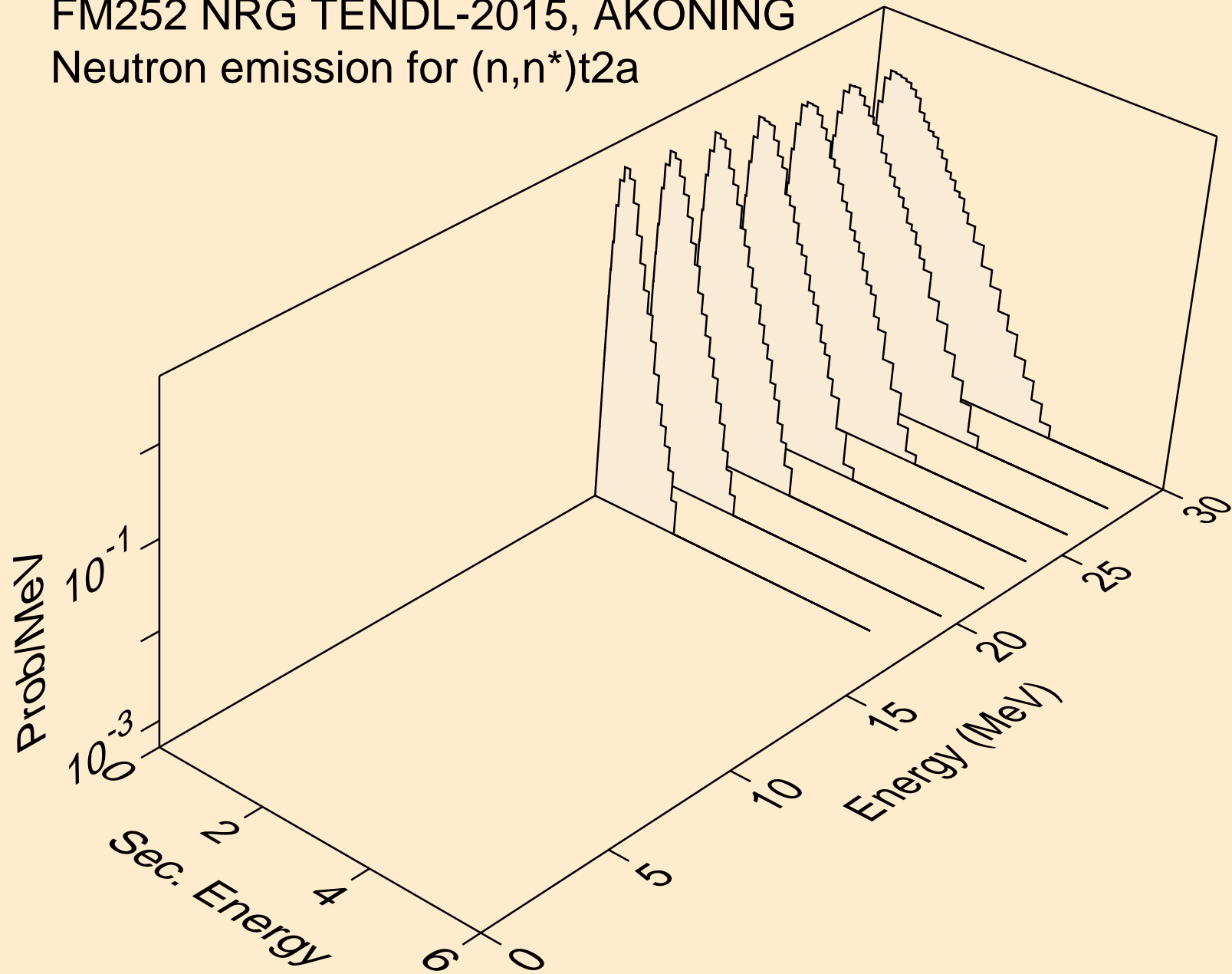
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



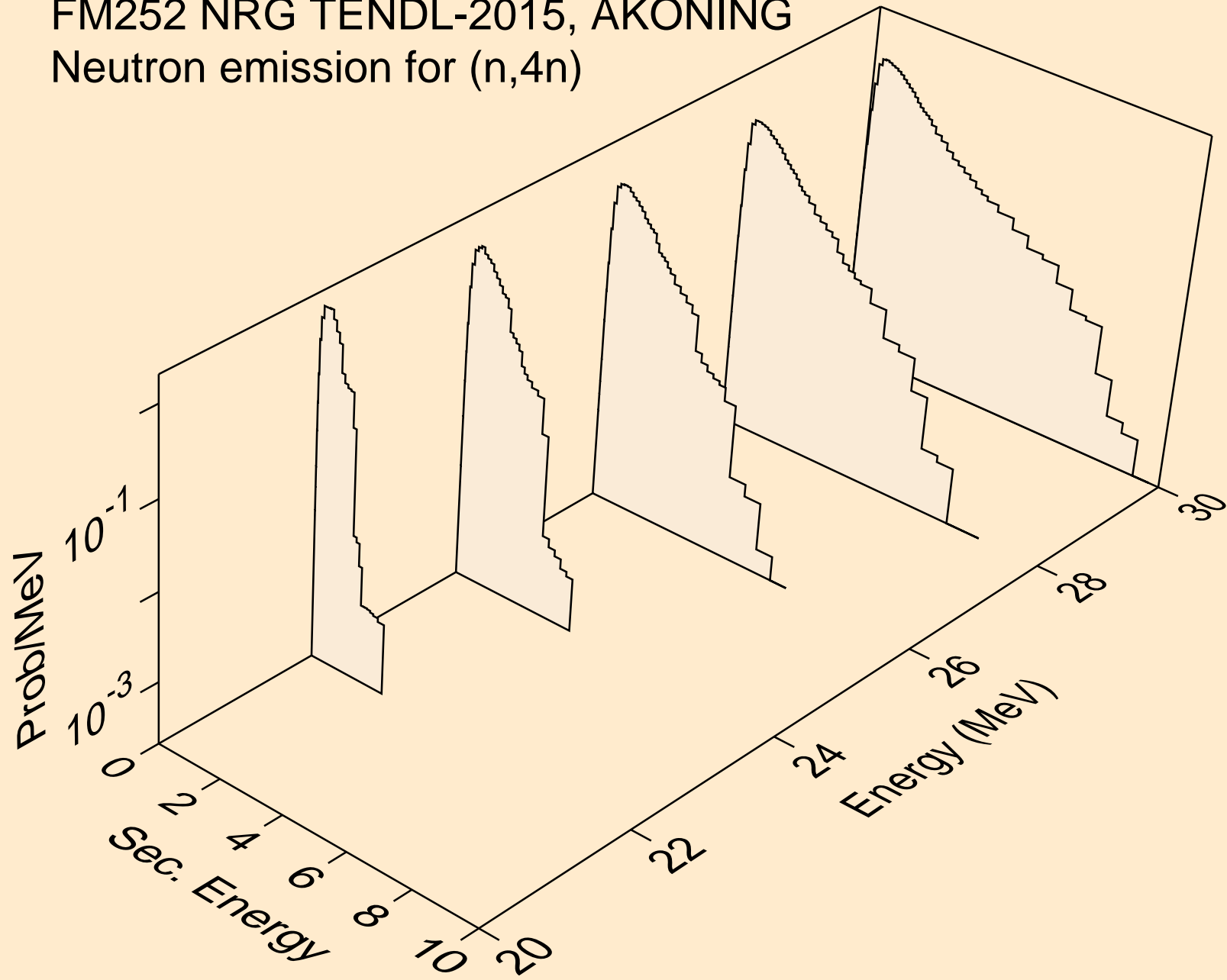
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



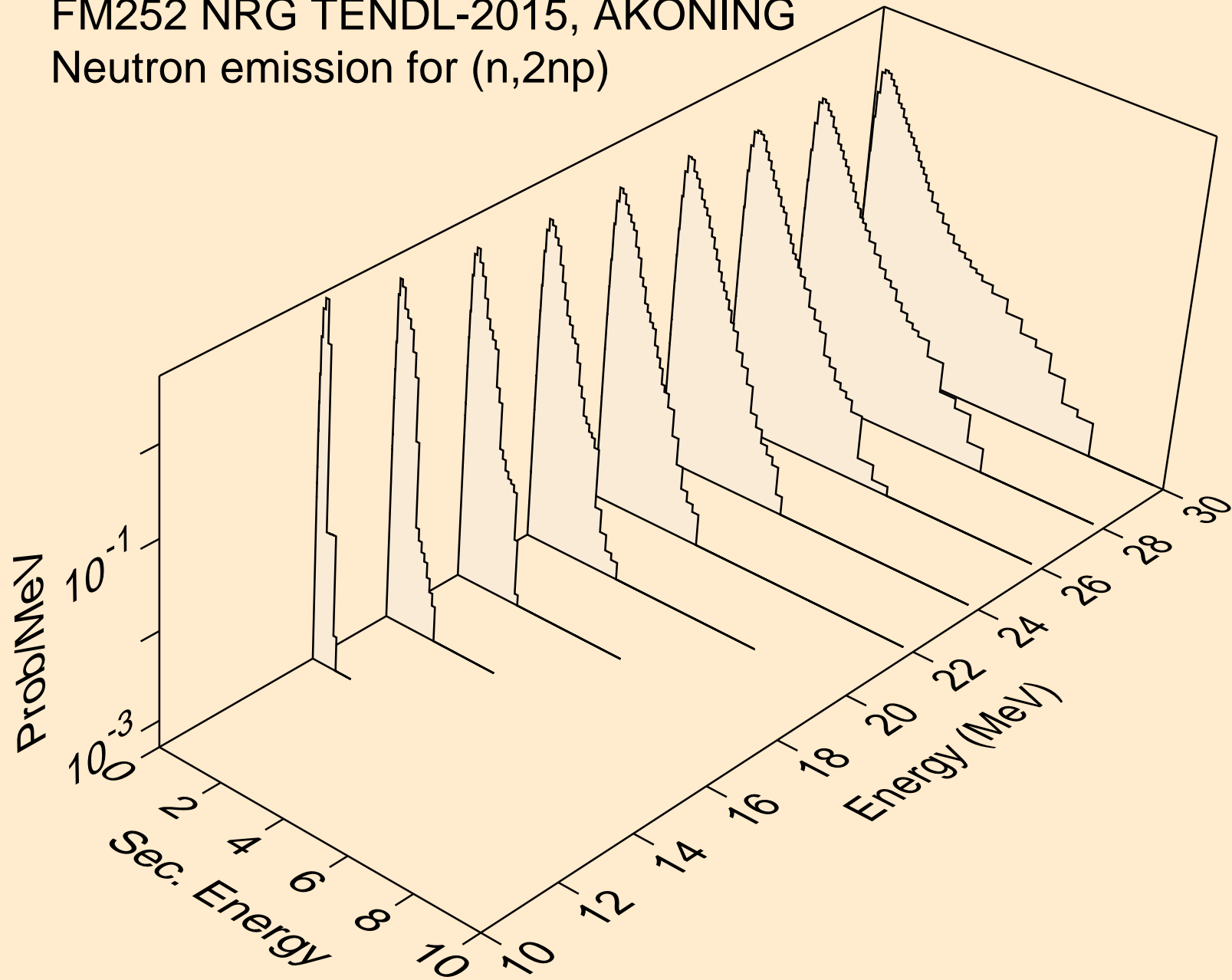
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



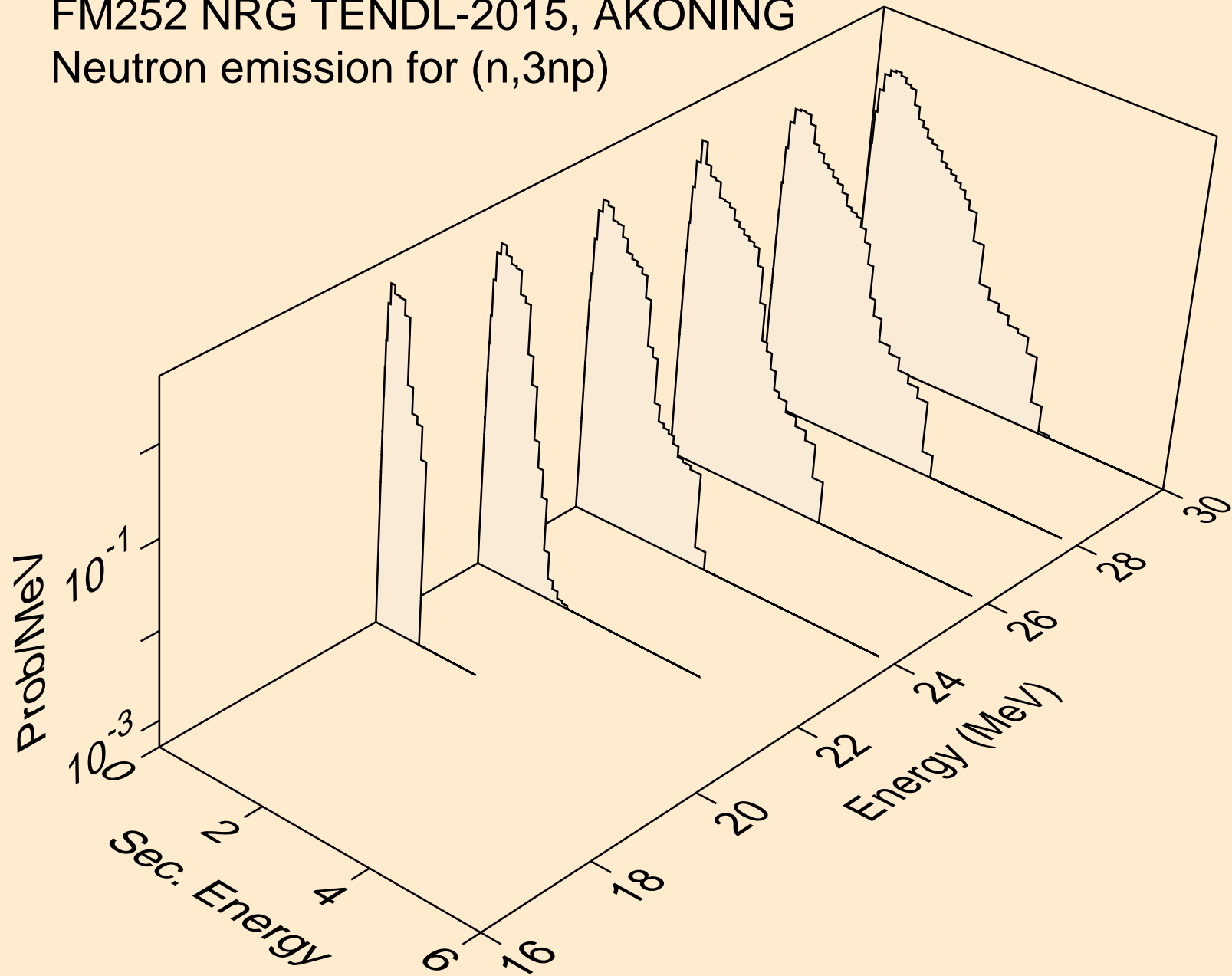
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



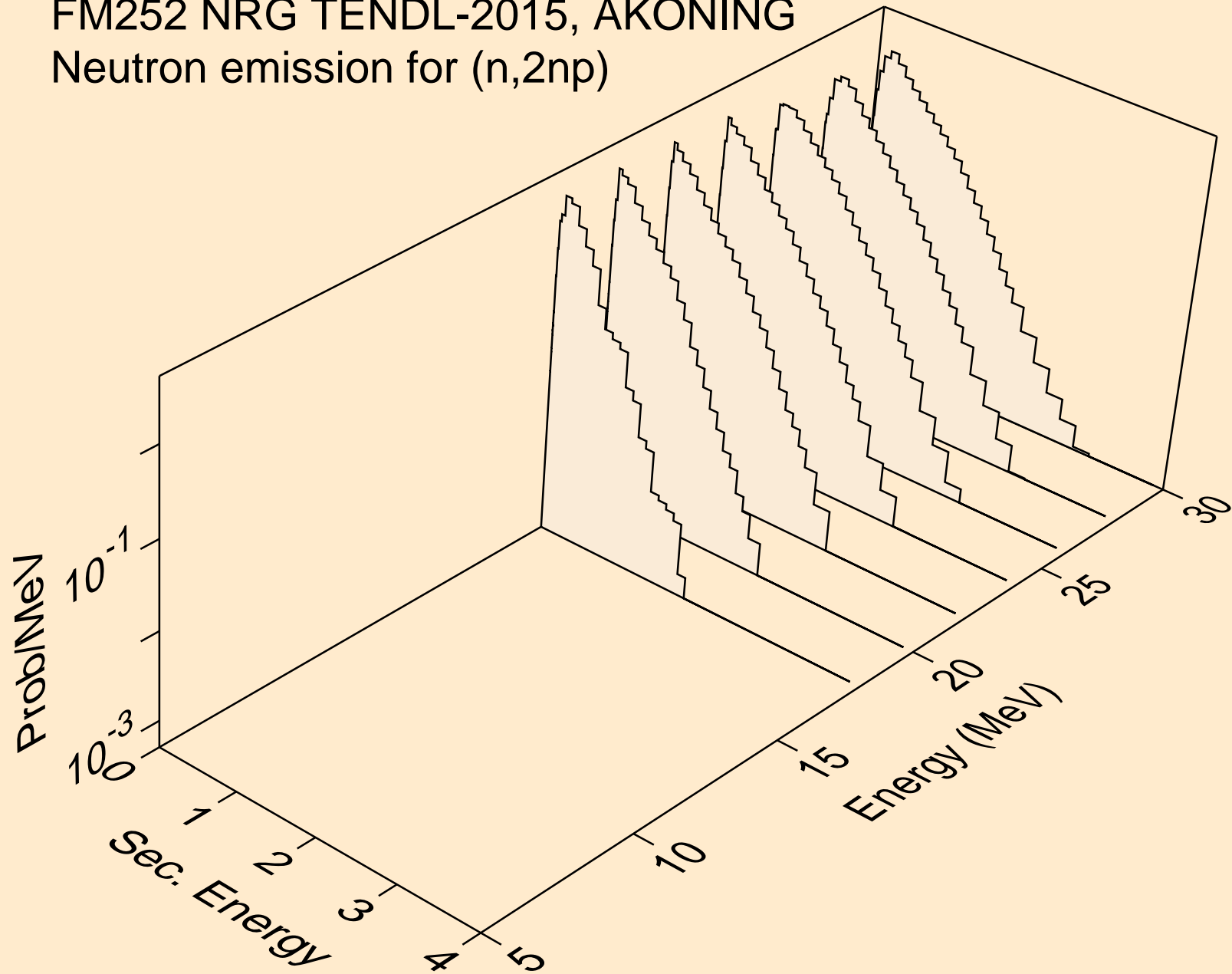
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



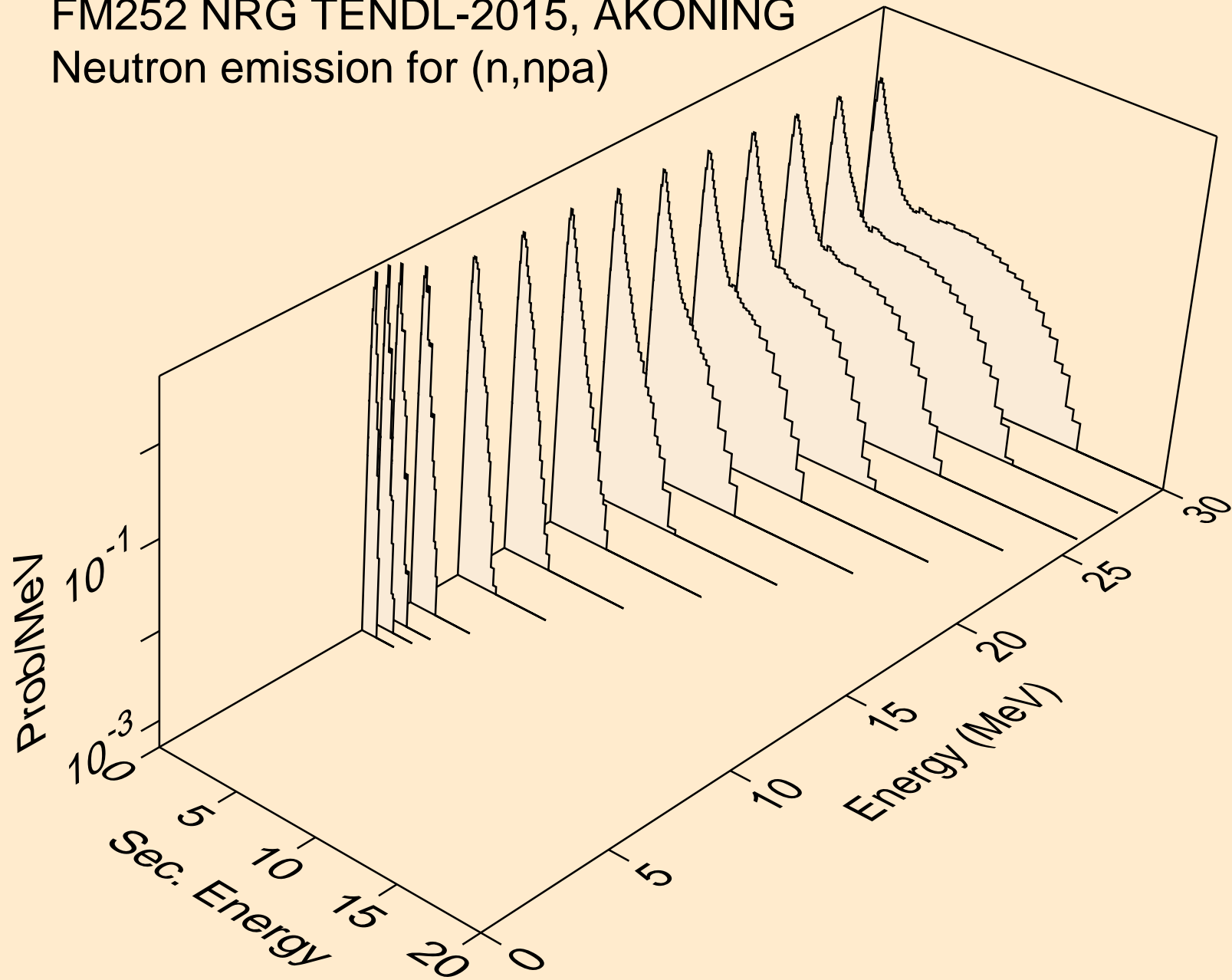
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



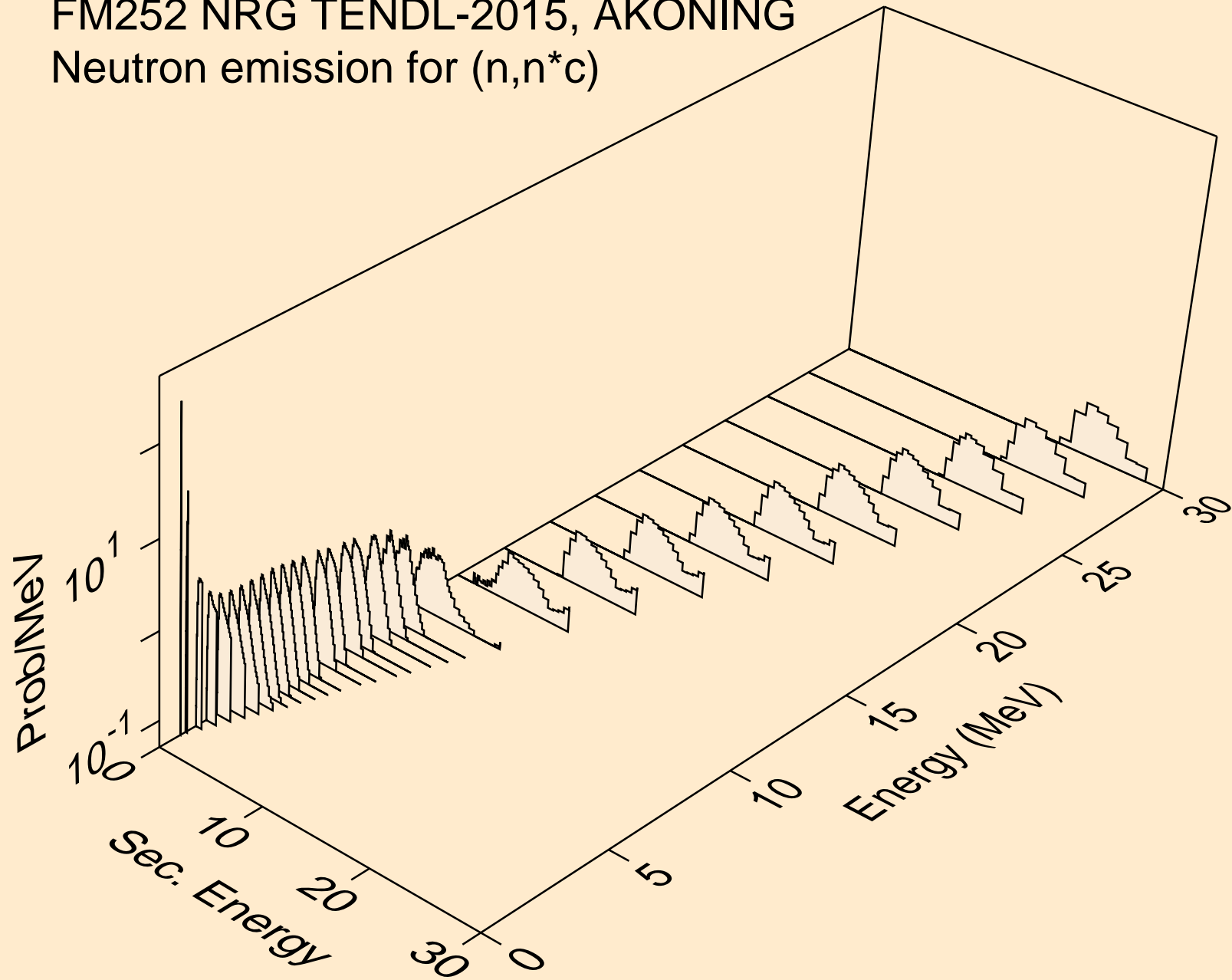
FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

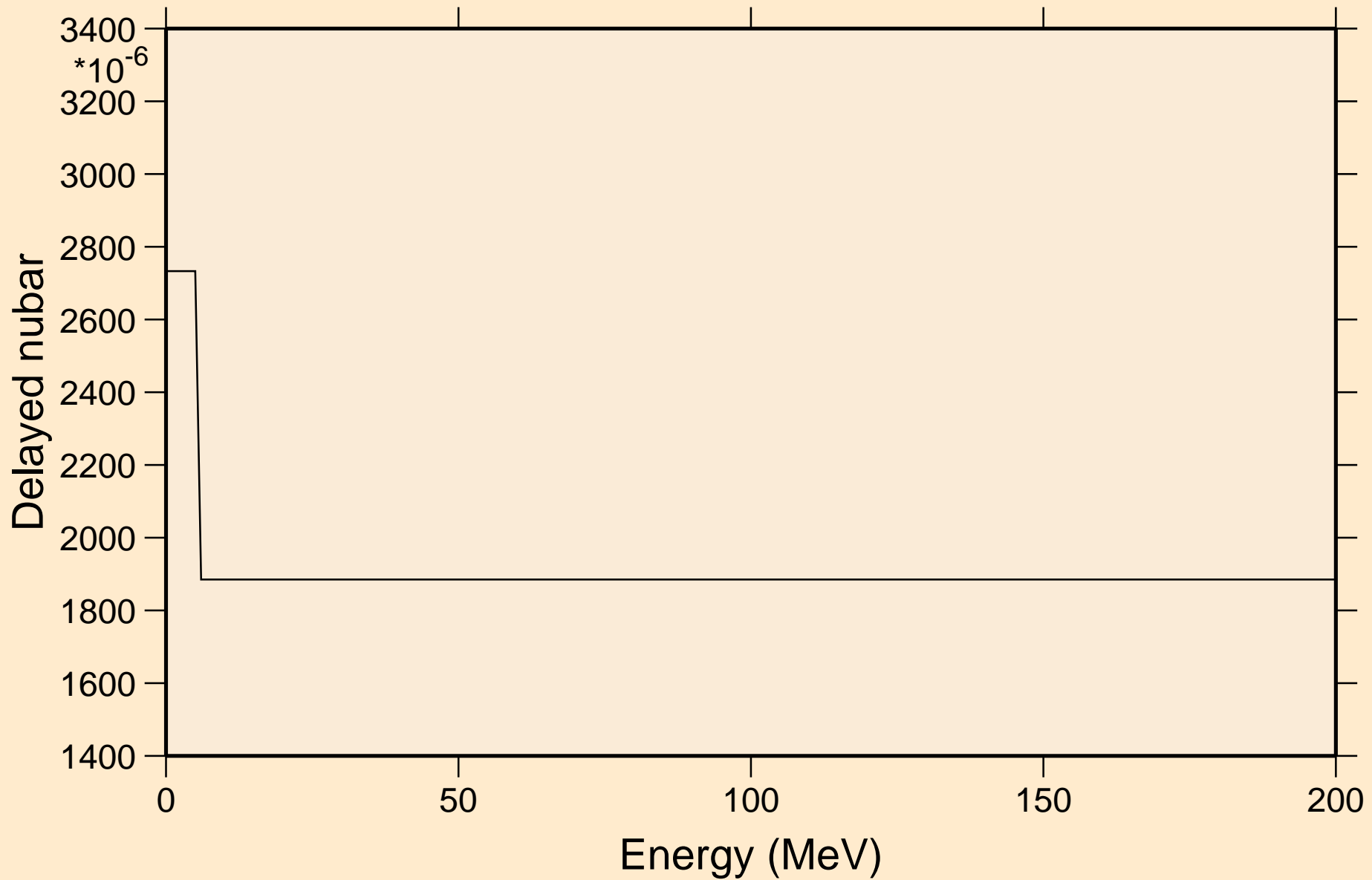


FM252 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



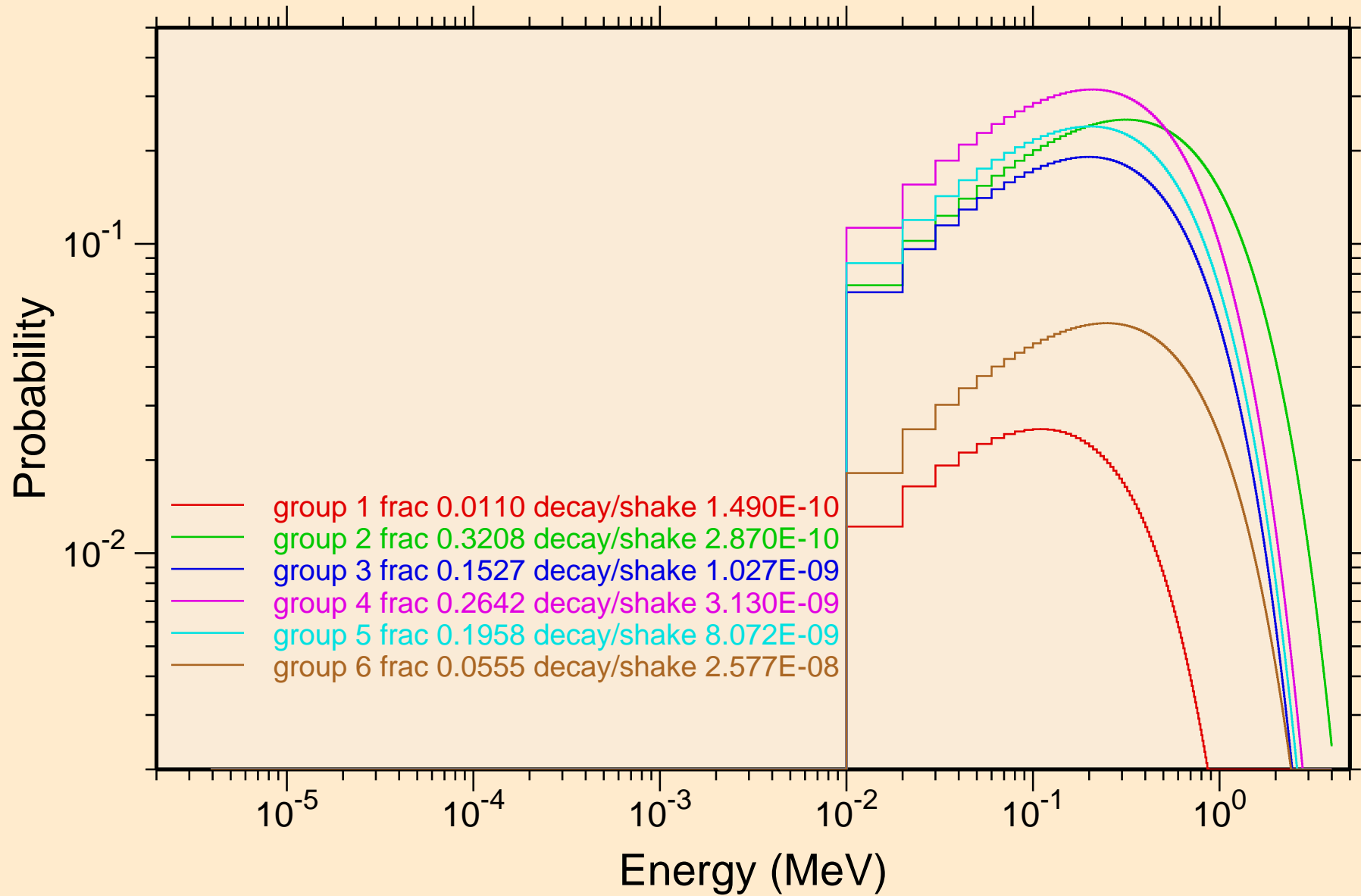
# FM252 NRG TENDL-2015, AKONING

## Delayed nubar

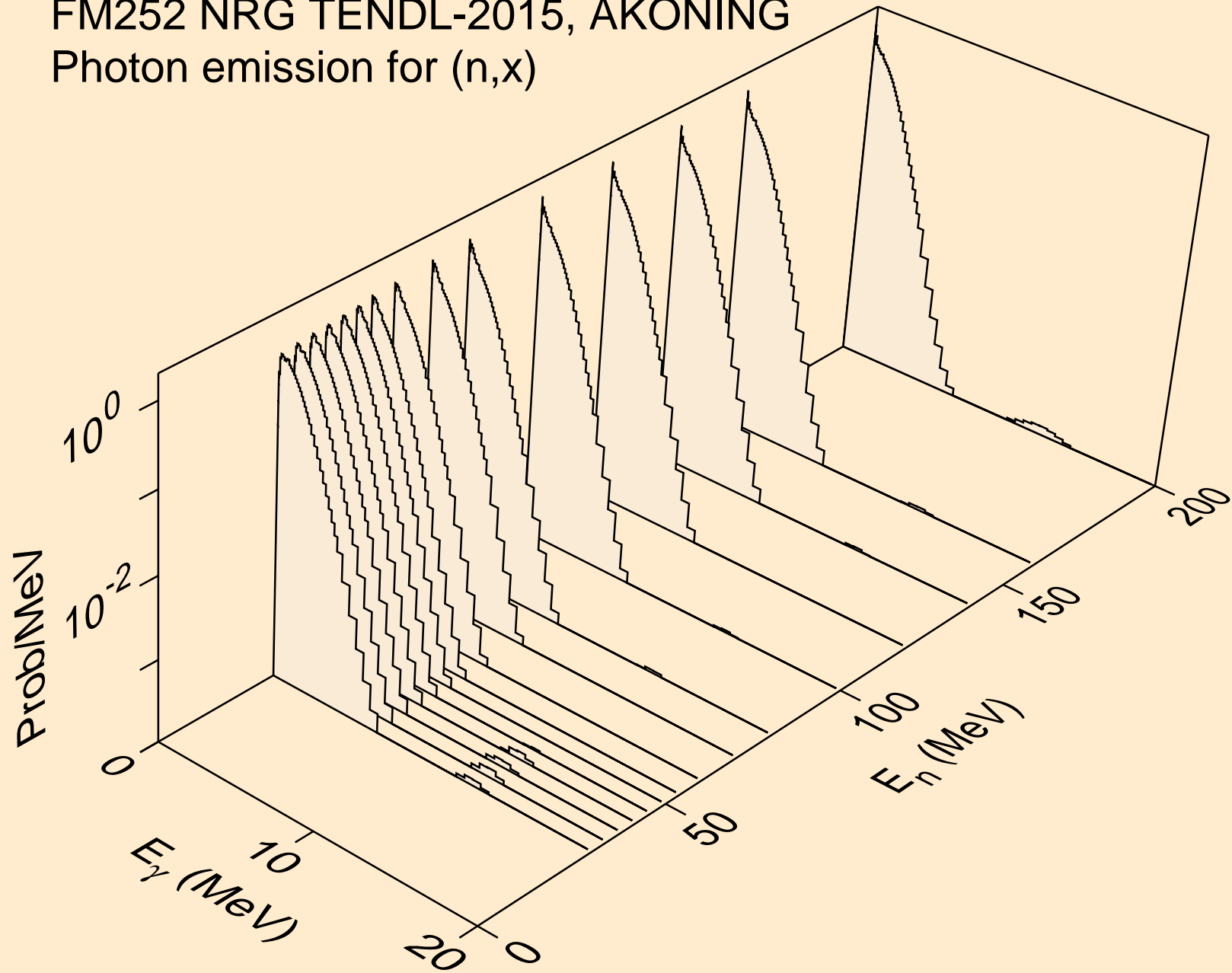


# FM252 NRG TENDL-2015, AKONING

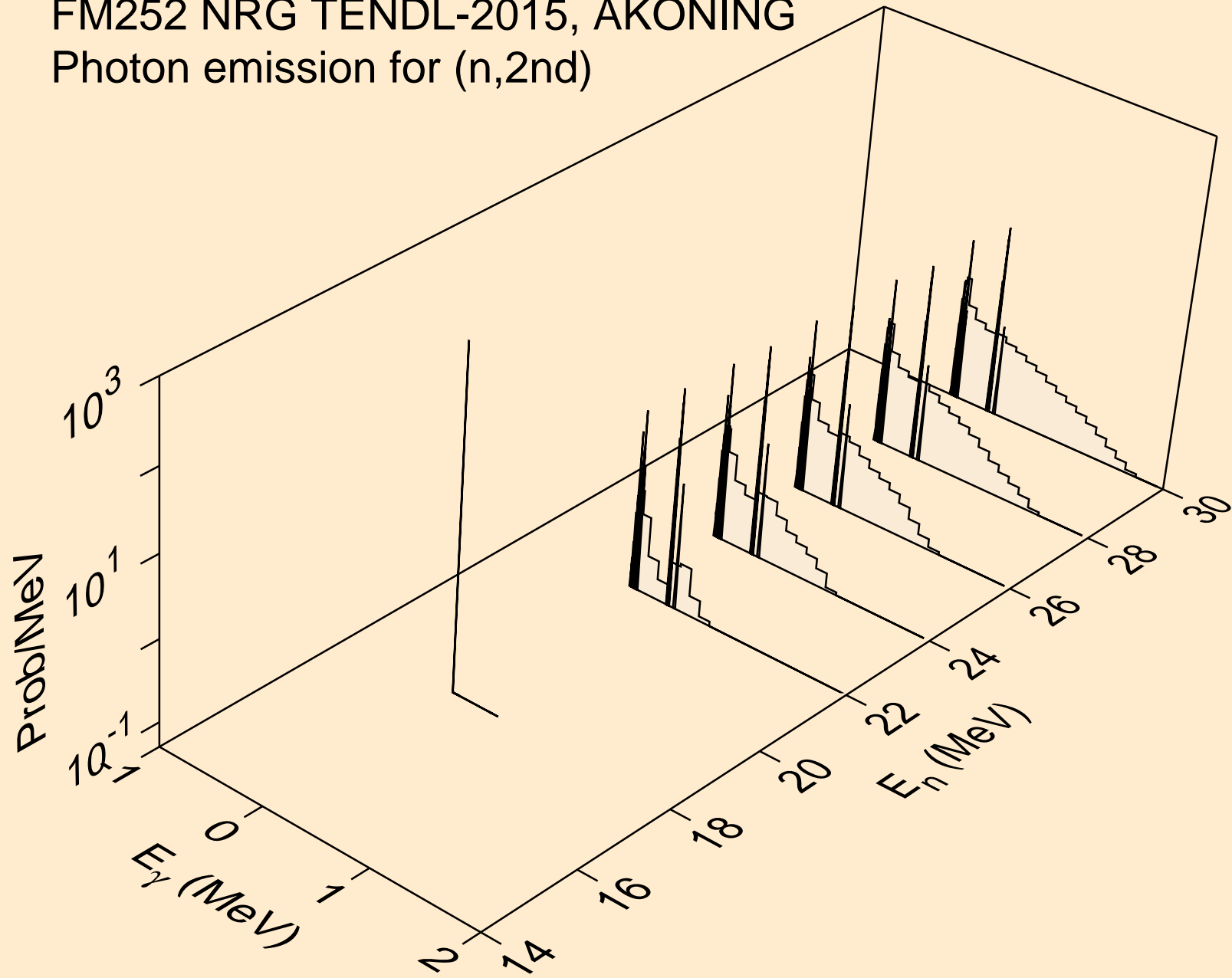
## Delayed neutron spectra



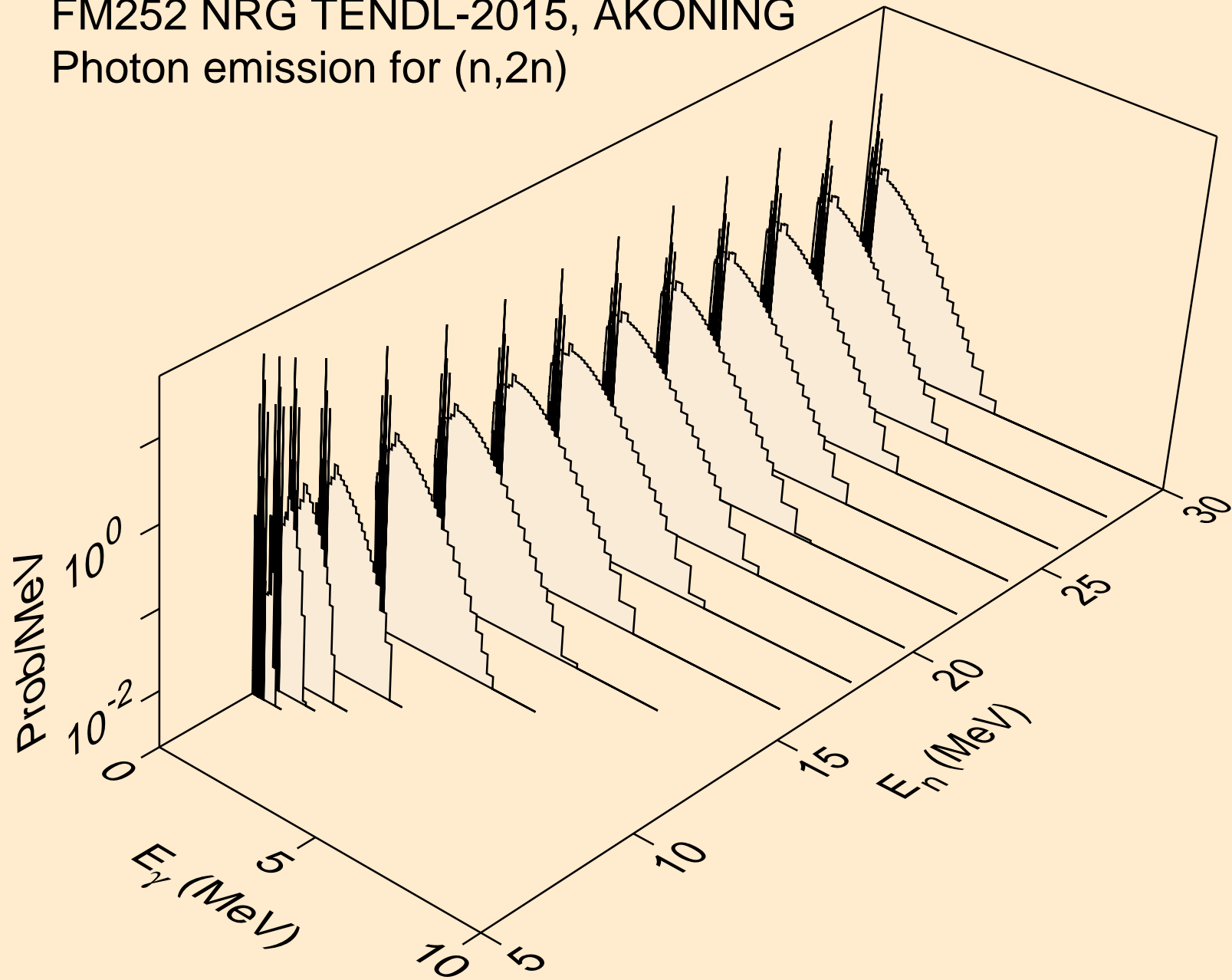
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



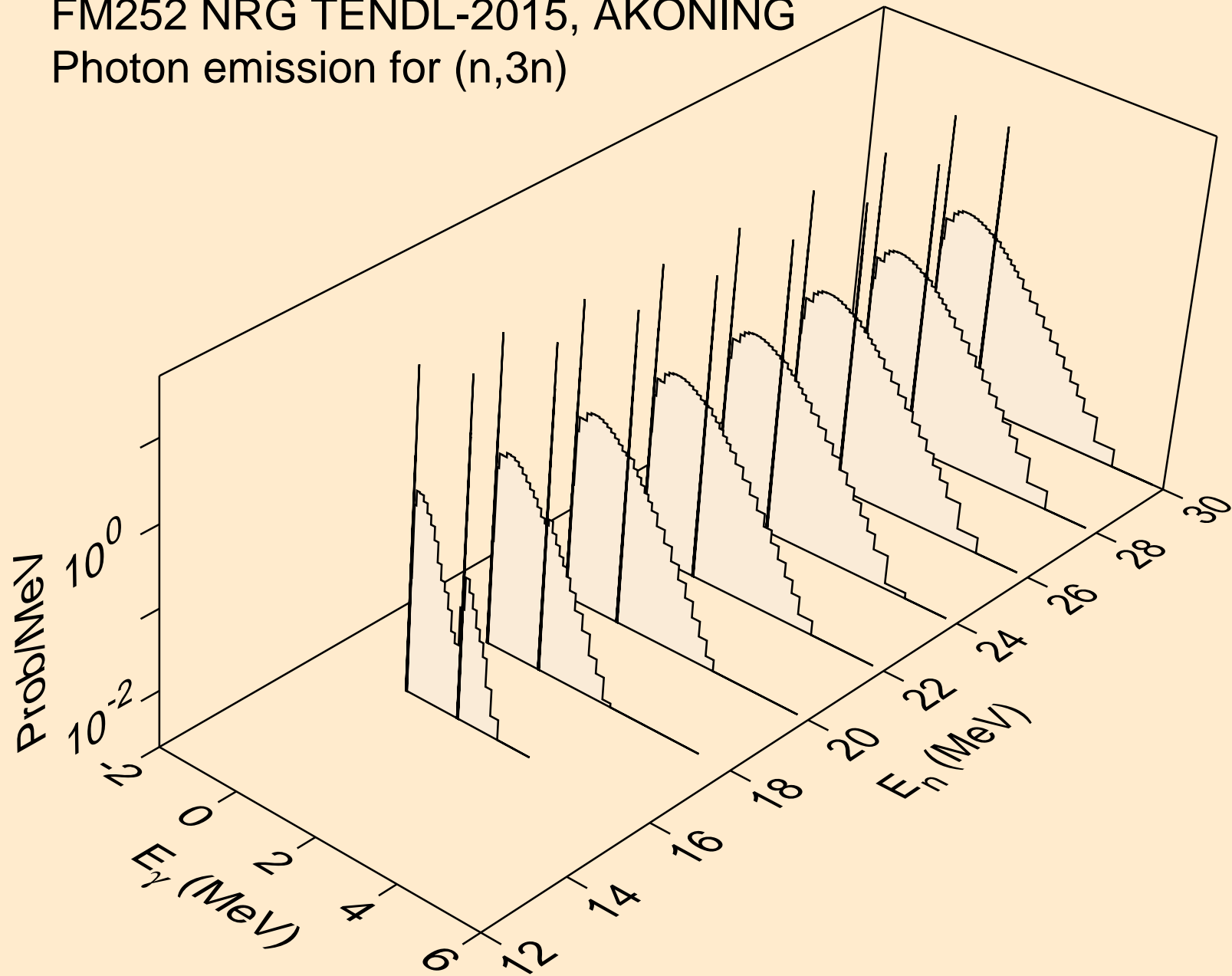
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



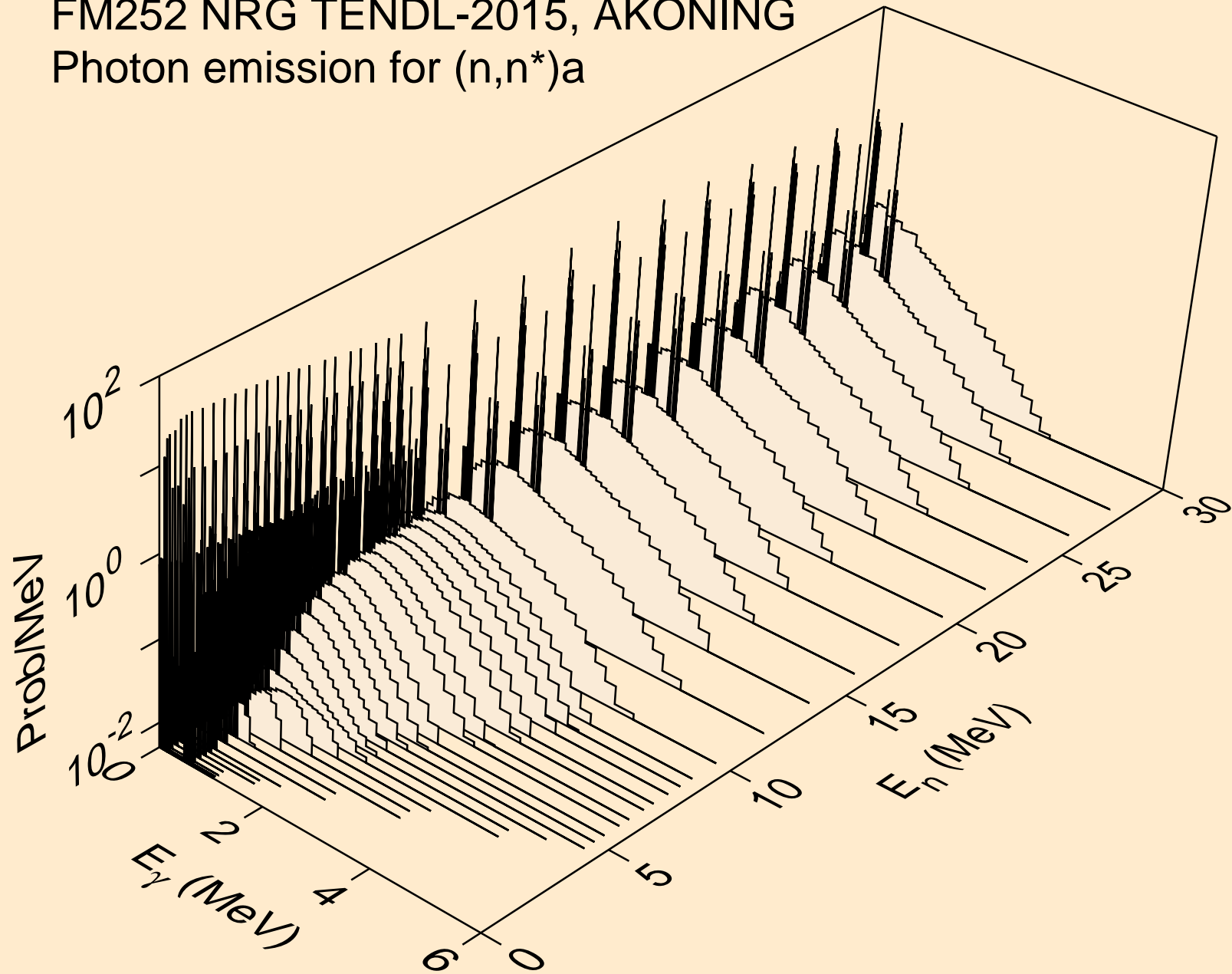
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



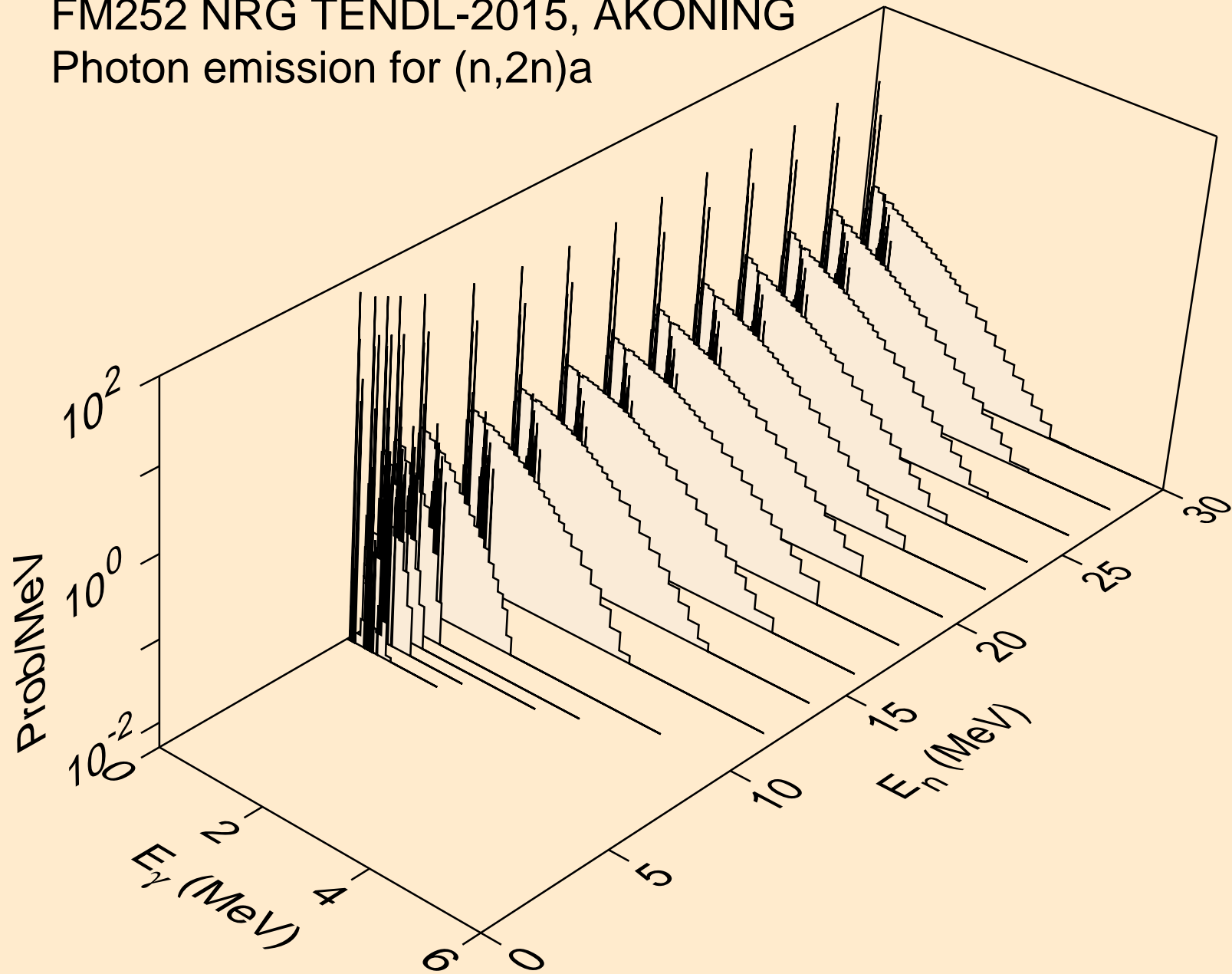
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Photon emission for (n,3n)



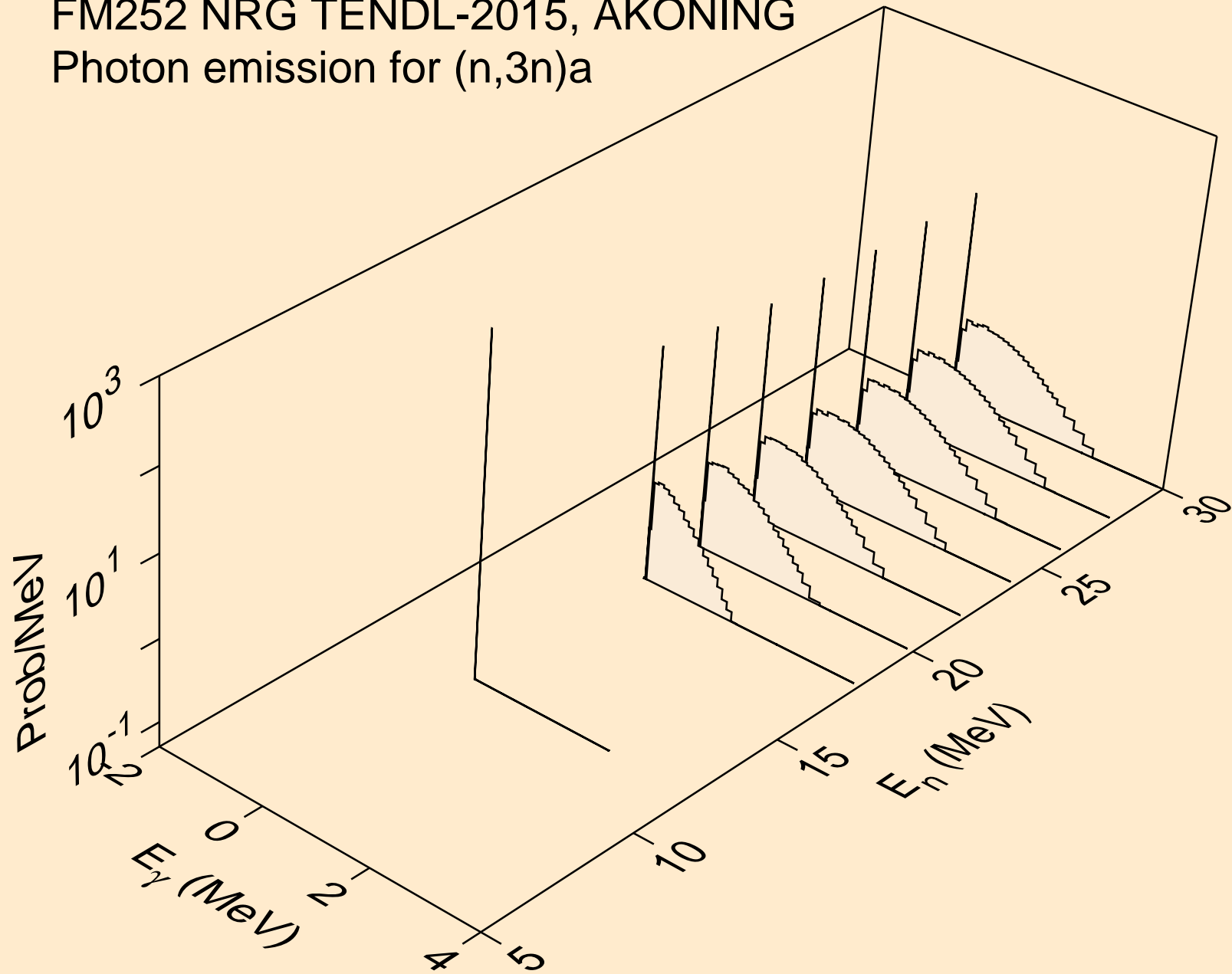
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



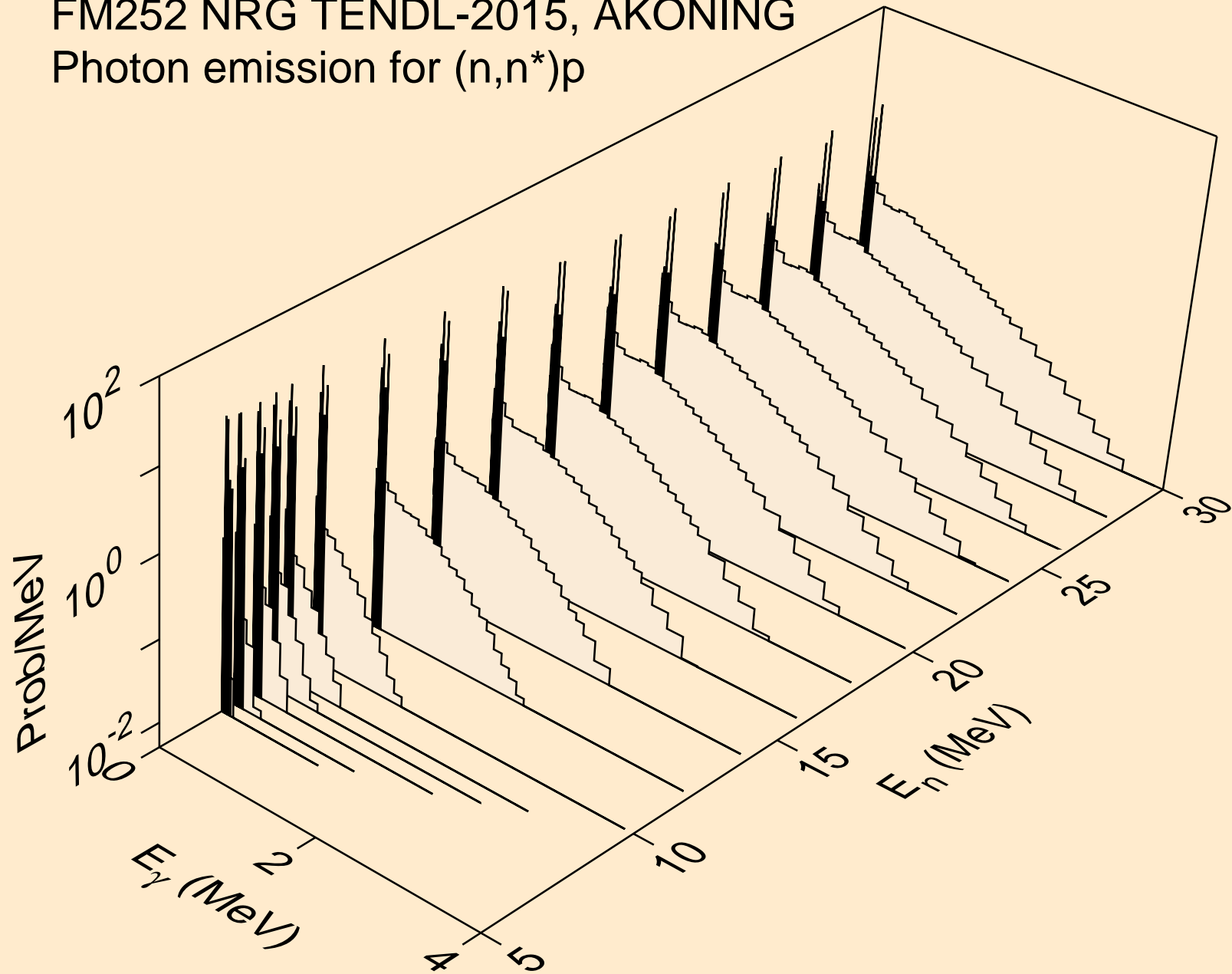
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Photon emission for (n,2n)a



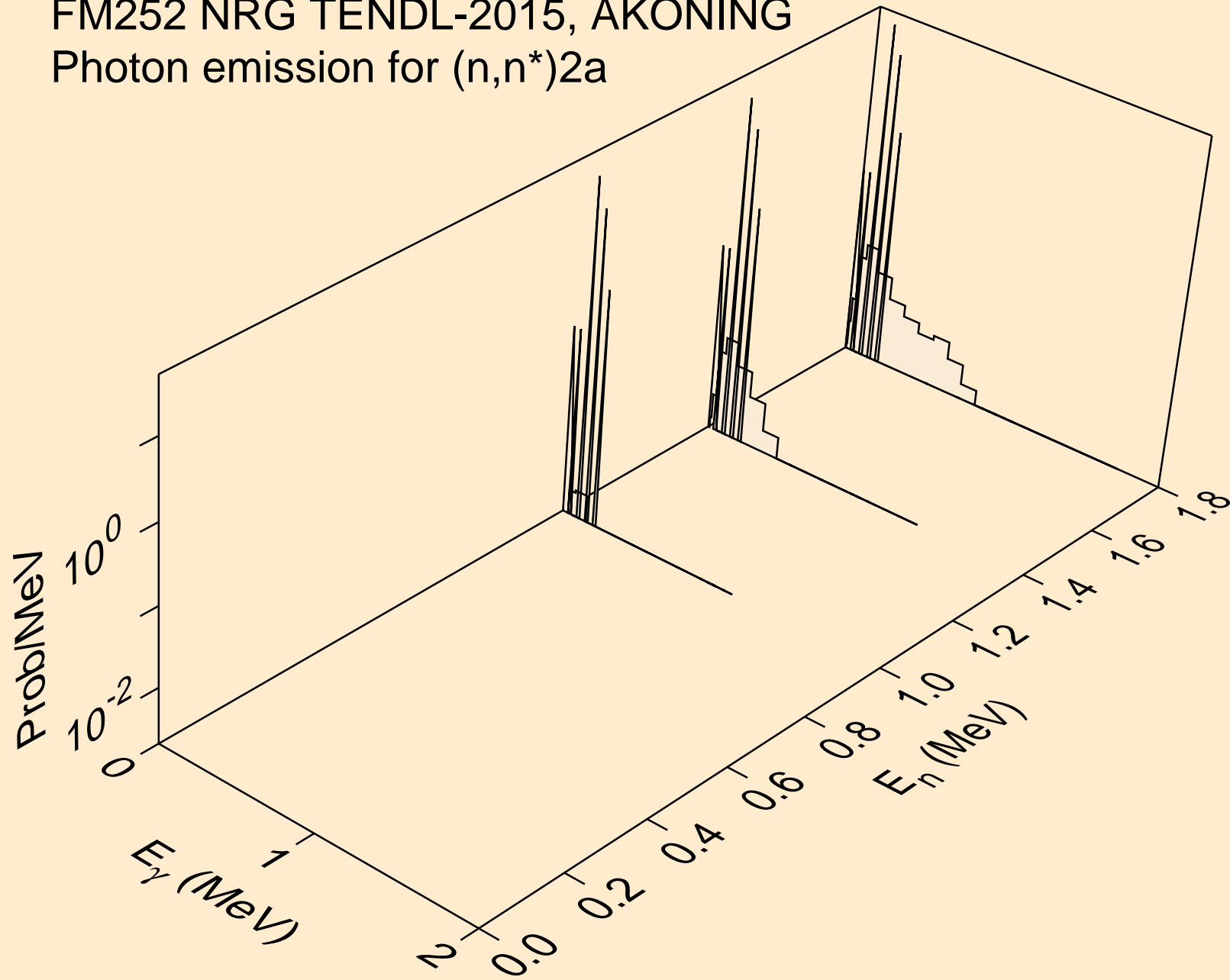
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Photon emission for (n,3n)a



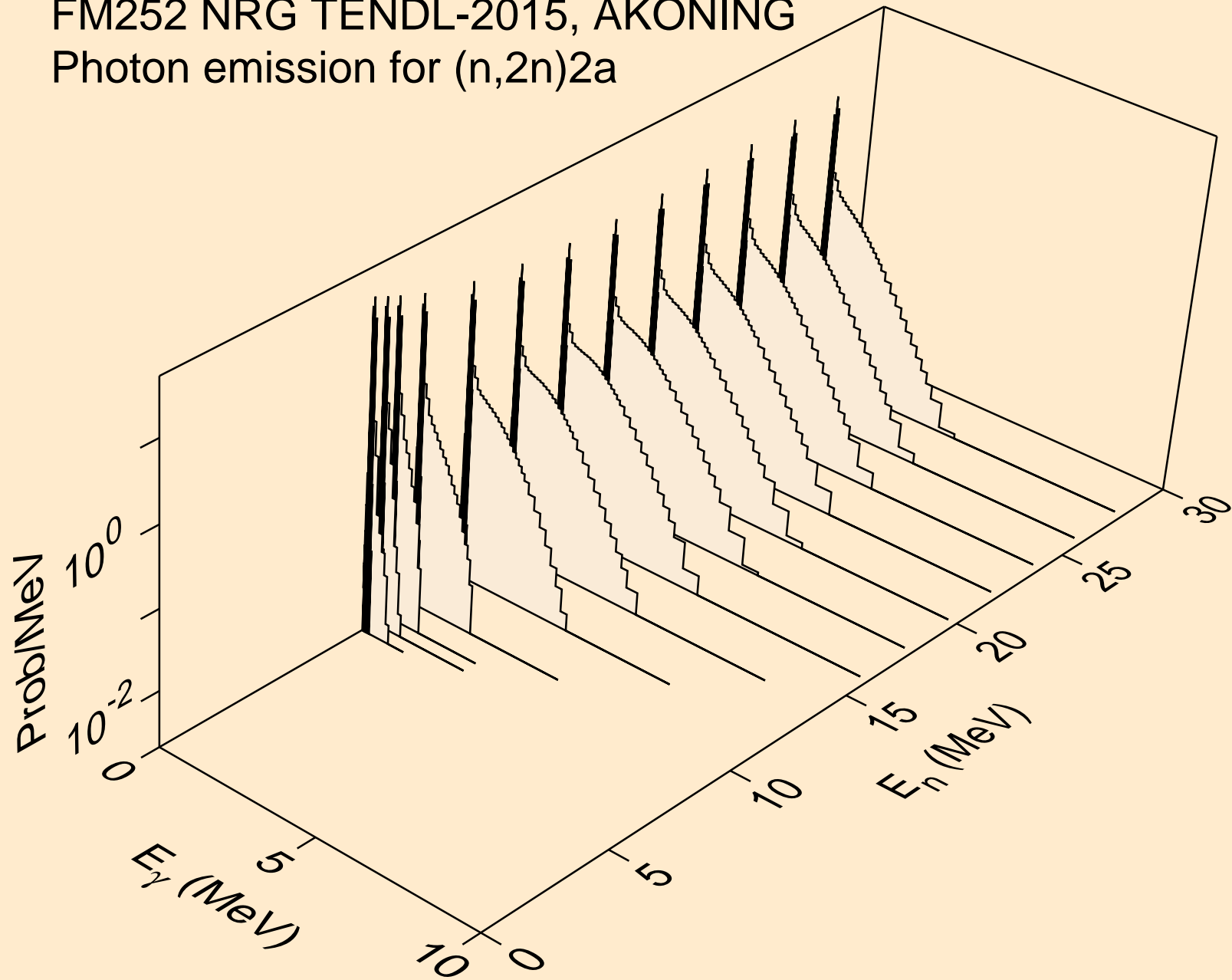
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Photon emission for (n,n\*)p



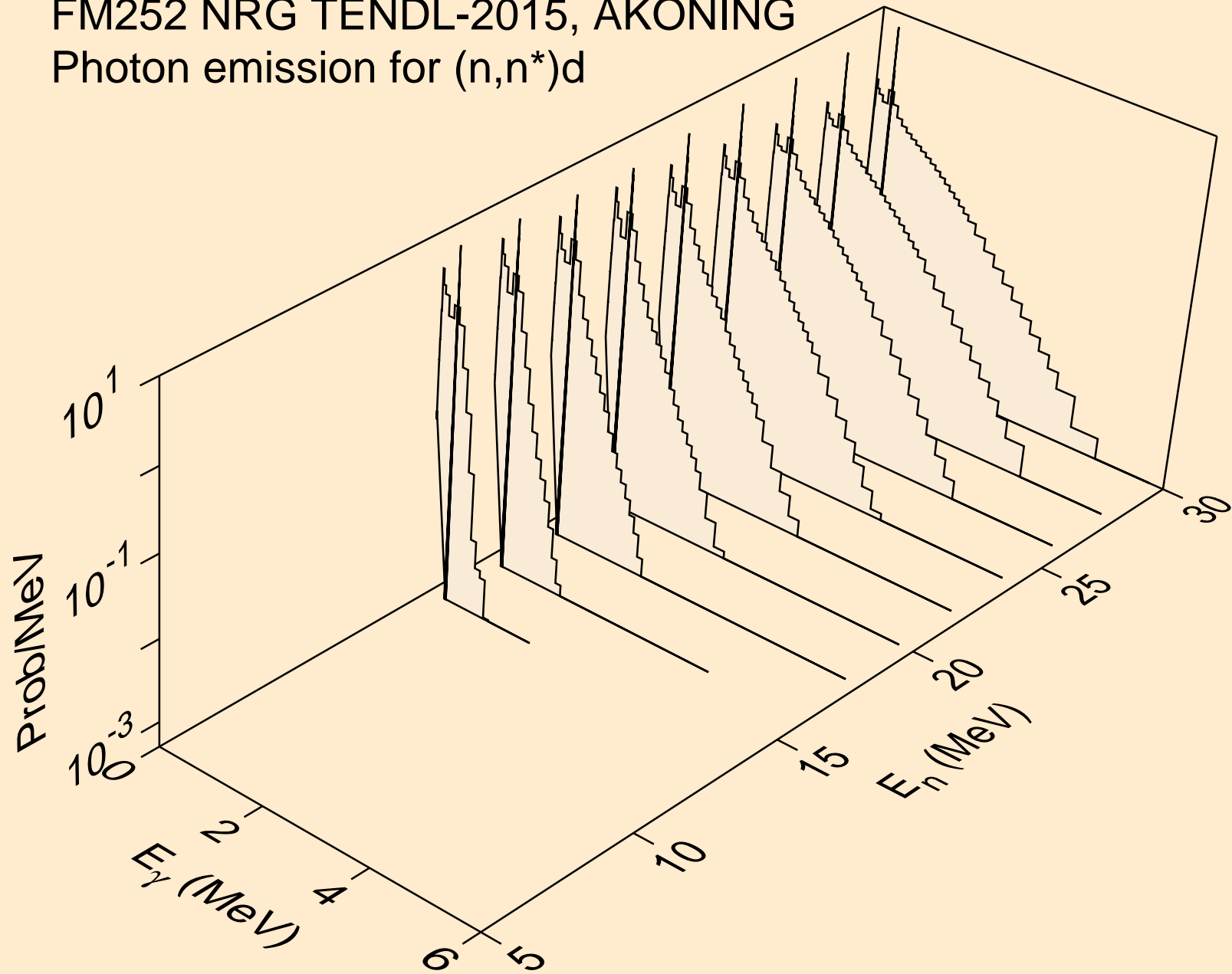
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



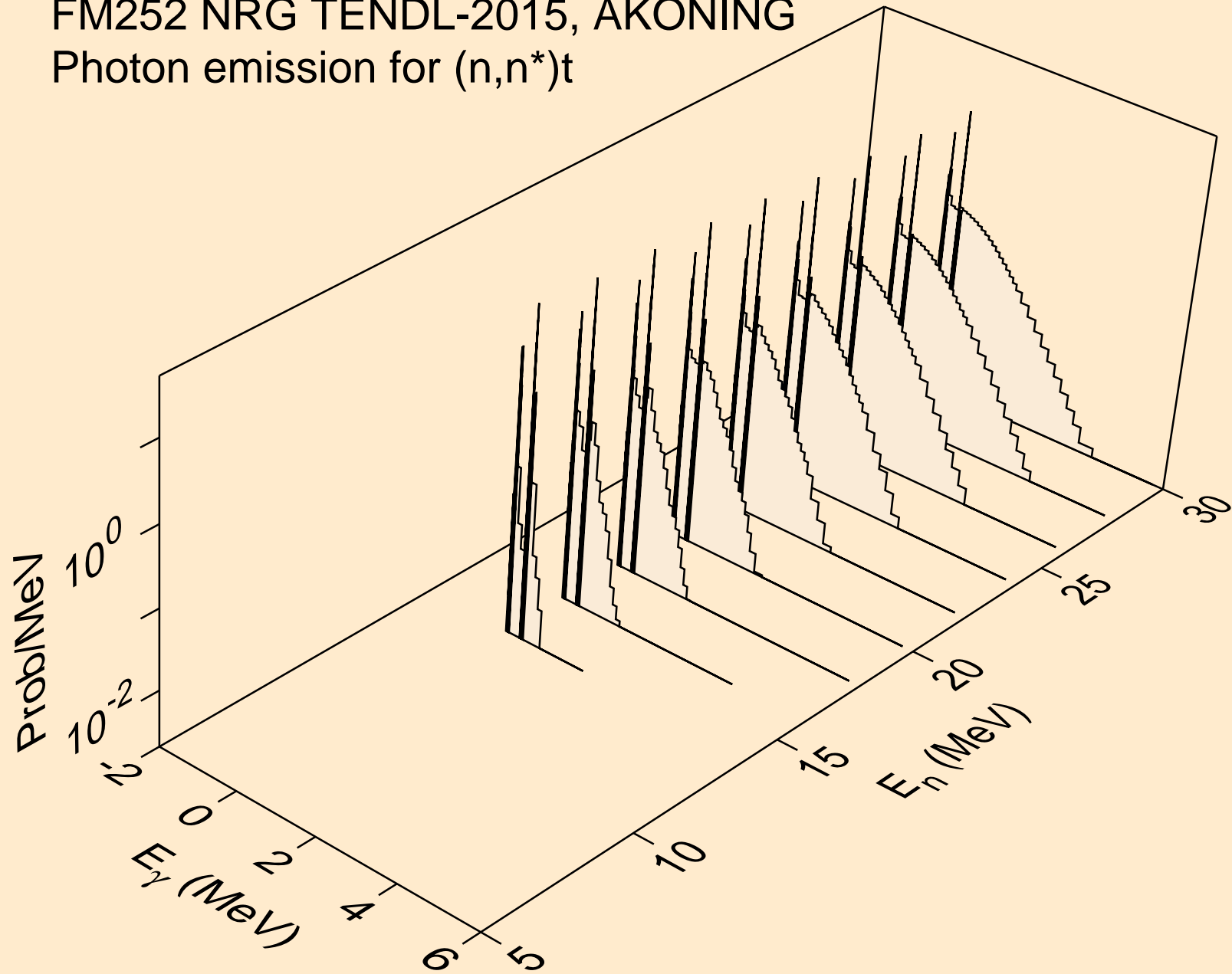
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Photon emission for (n,2n)2a



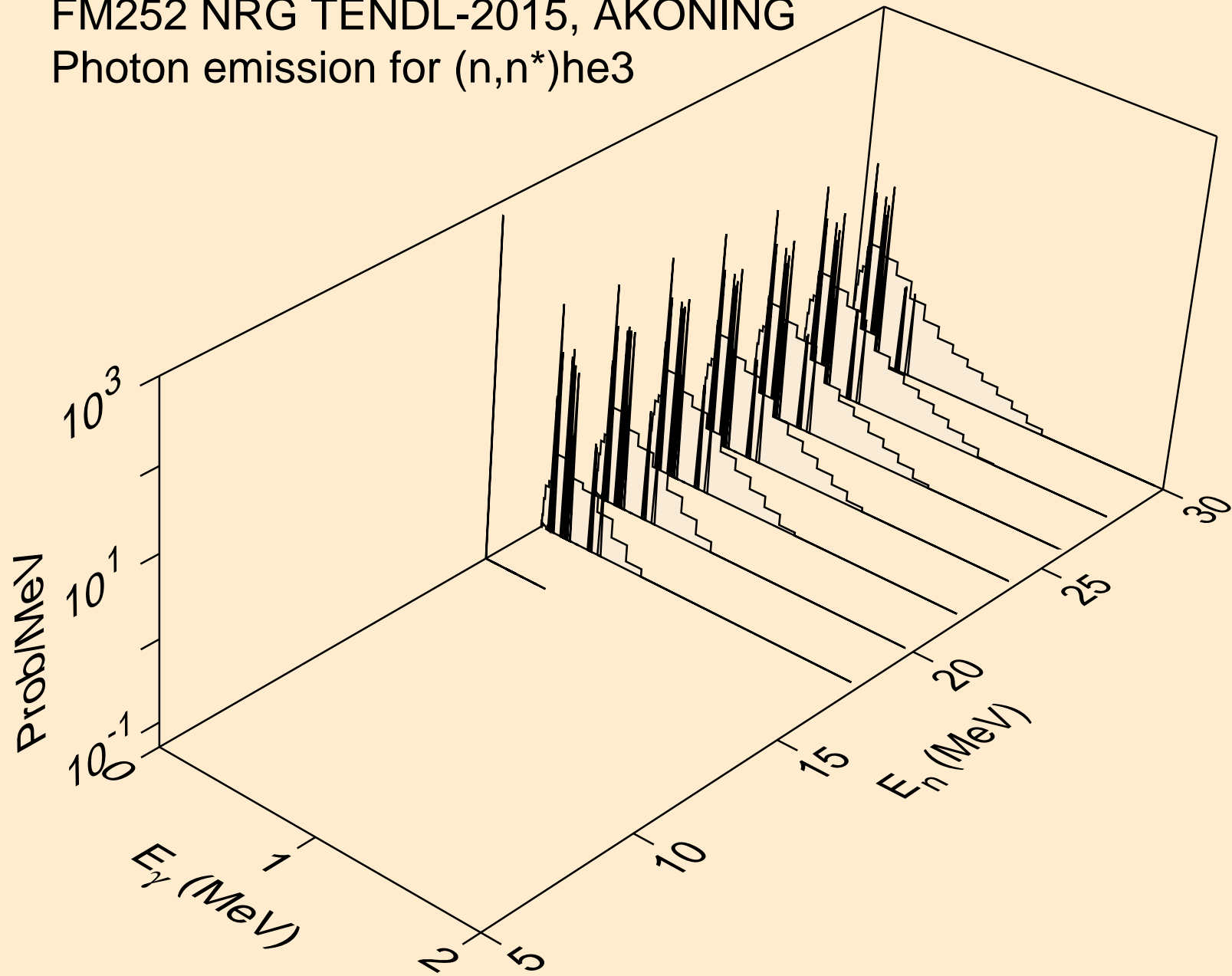
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Photon emission for (n,n\*)d



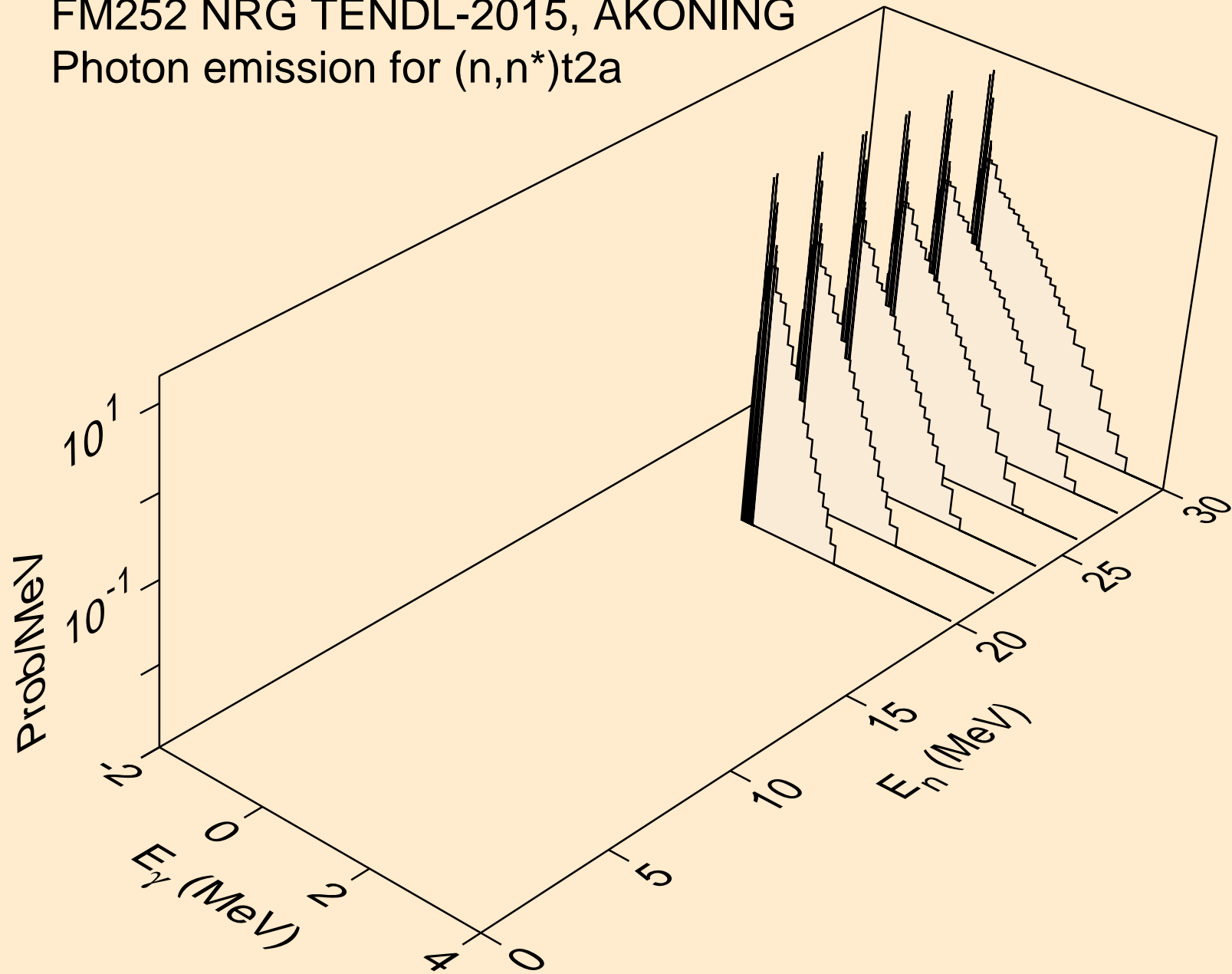
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Photon emission for (n,n\*)t



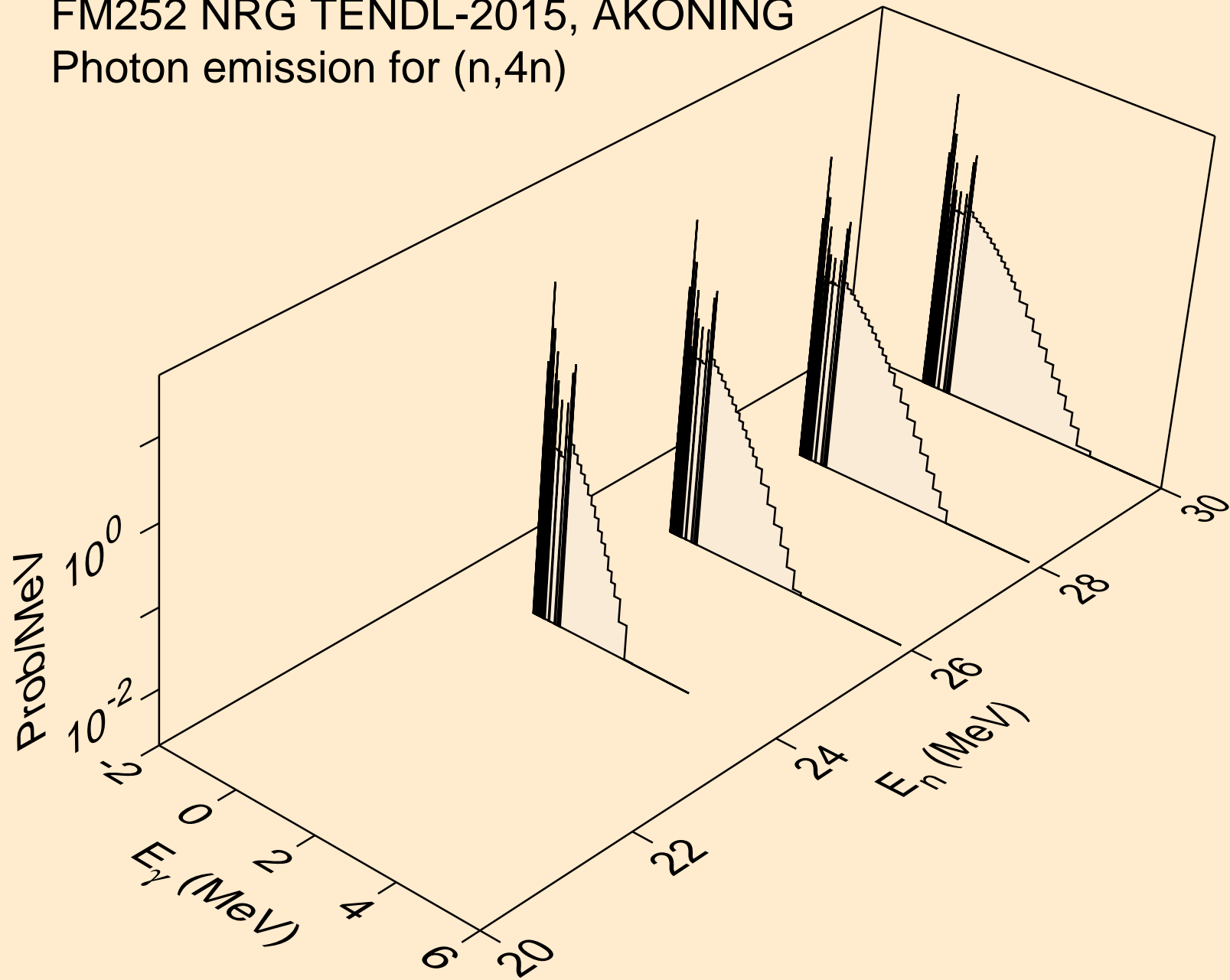
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Photon emission for (n,n\*)he3



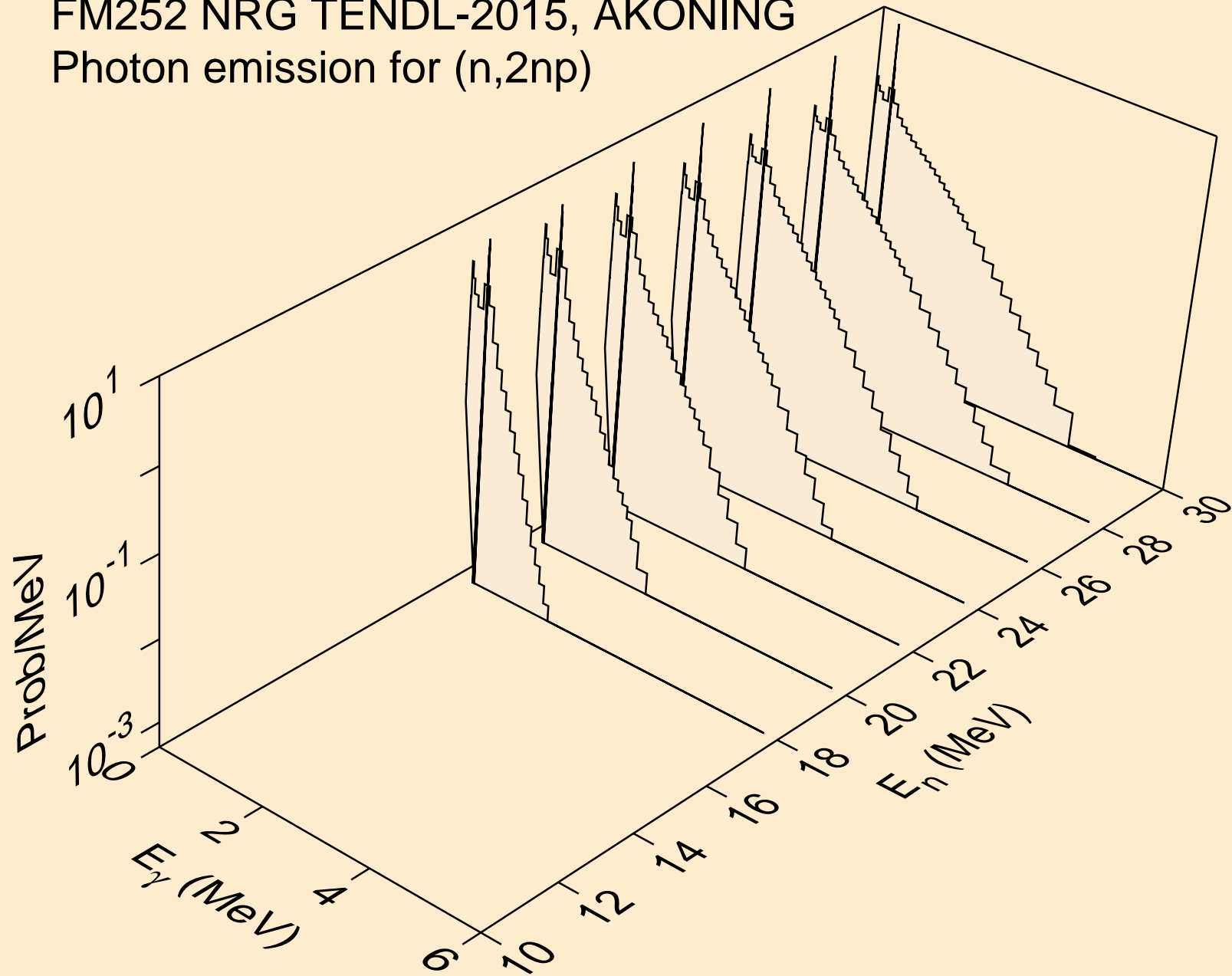
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



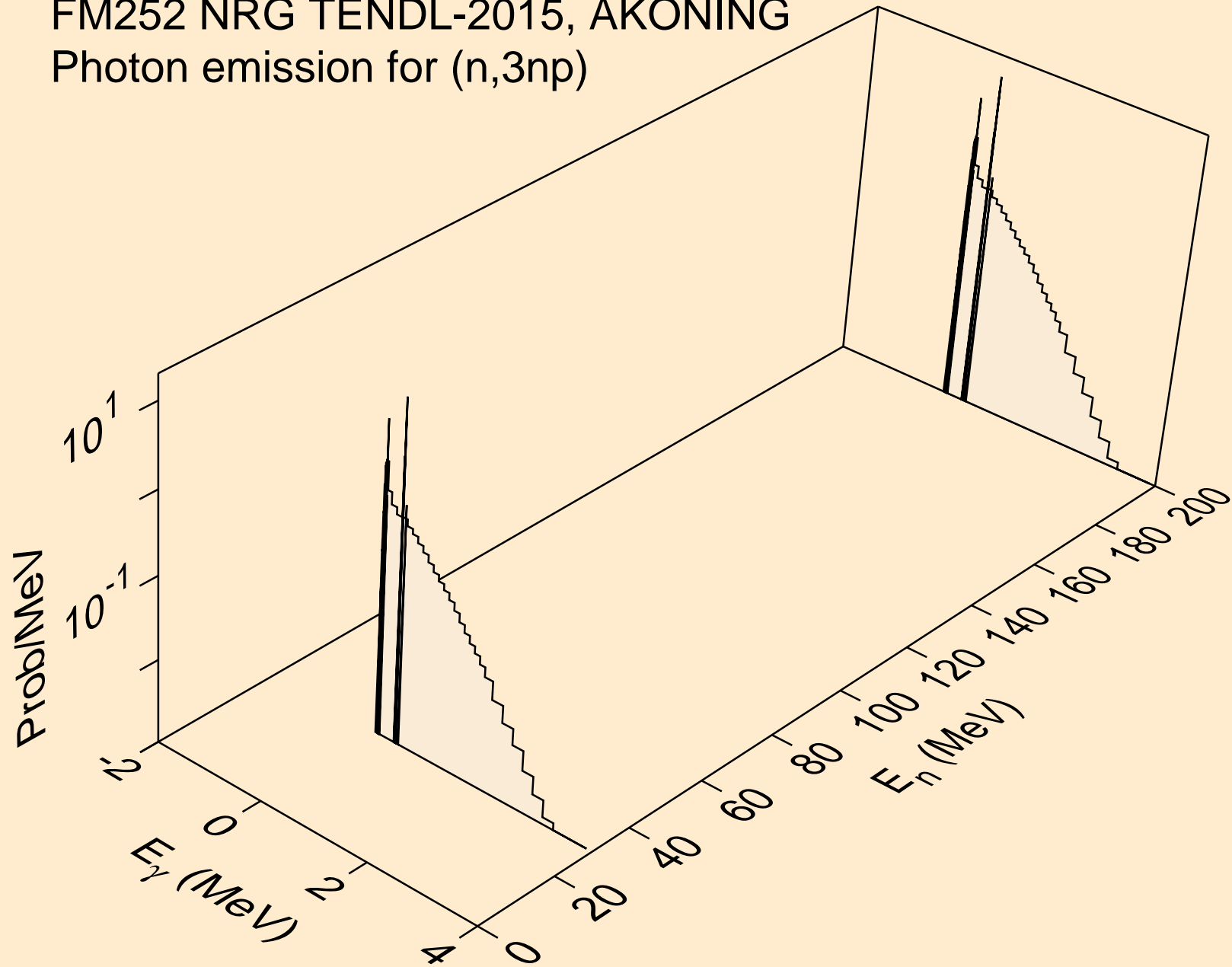
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Photon emission for (n,4n)



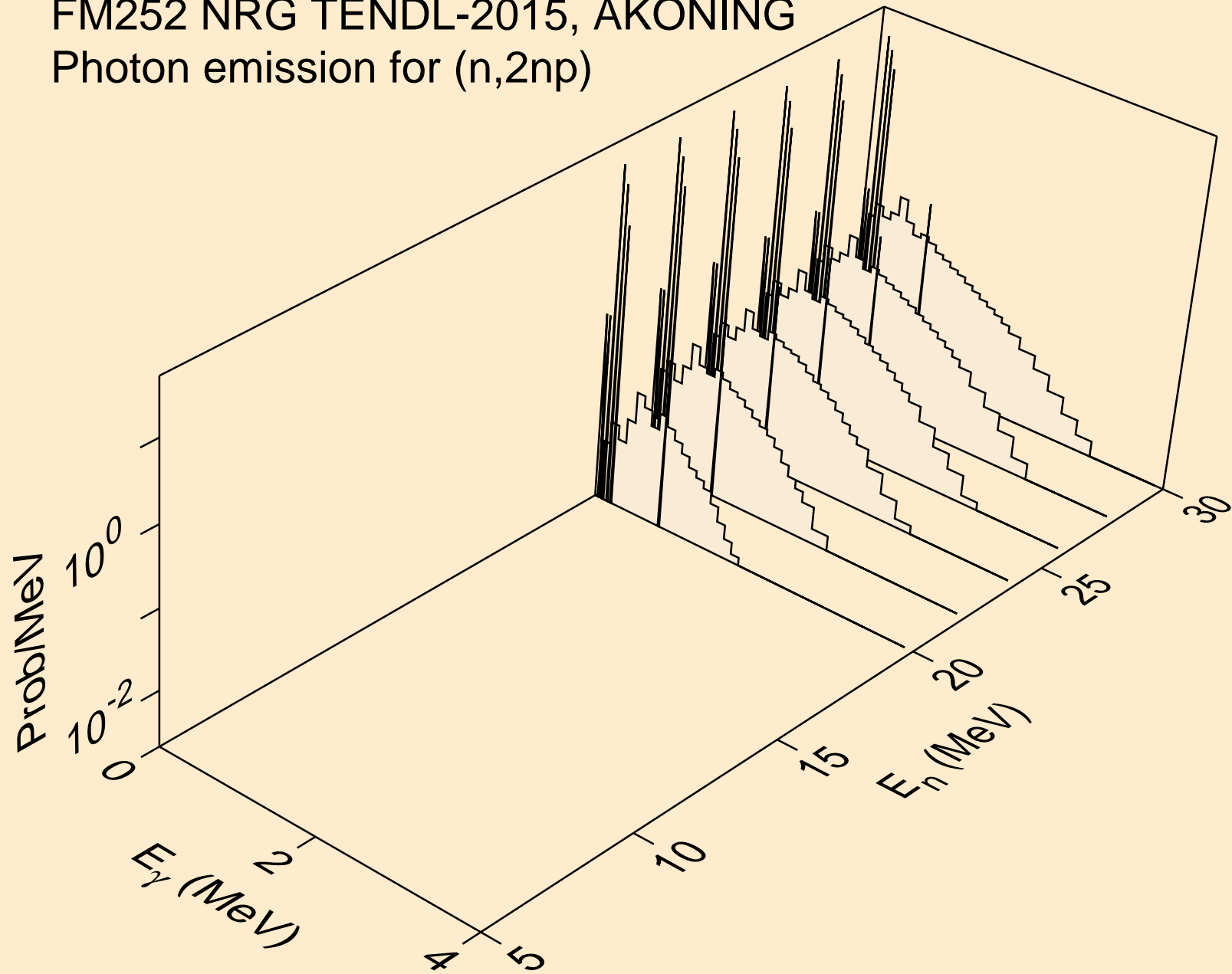
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Photon emission for (n,2np)



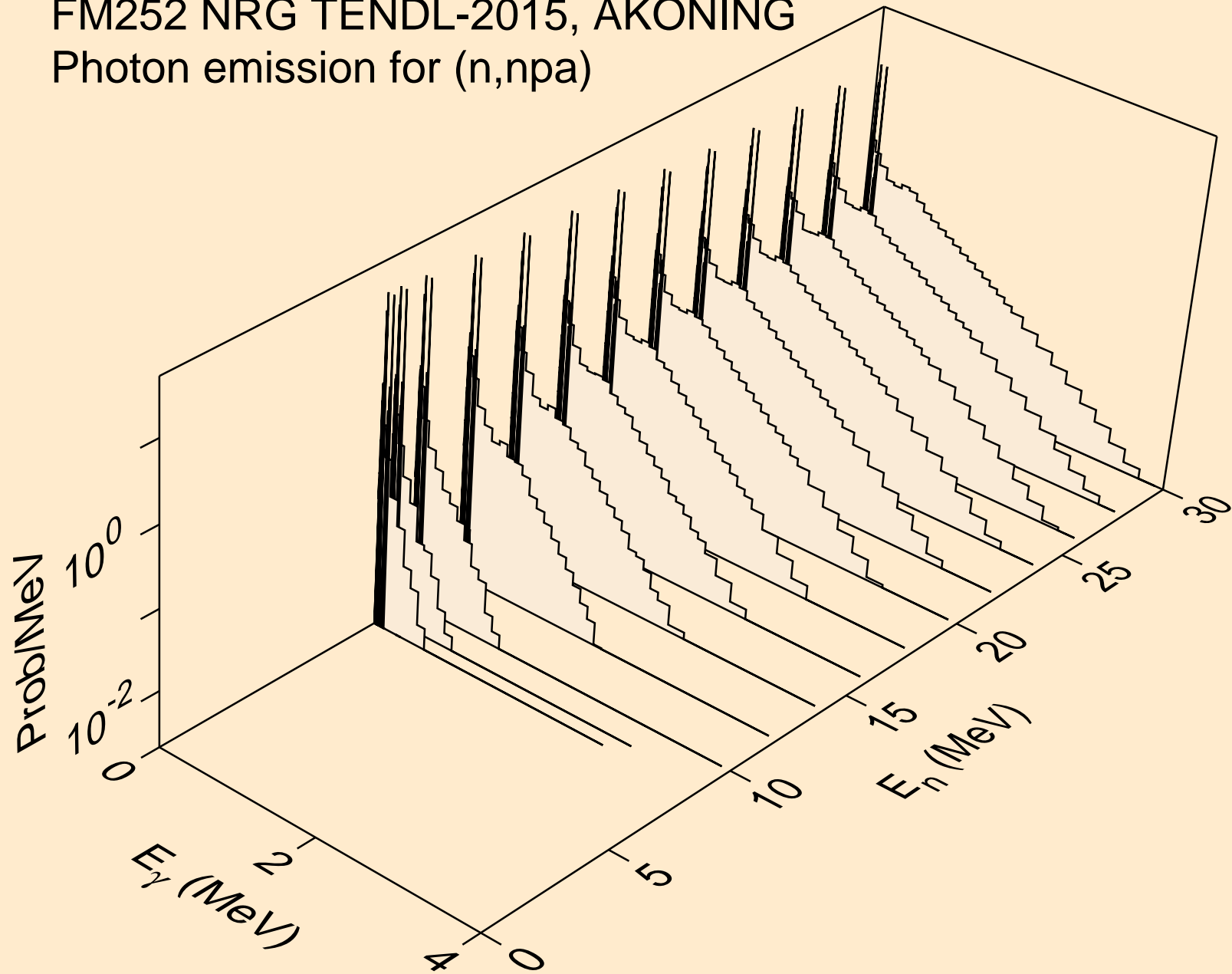
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Photon emission for (n,3np)



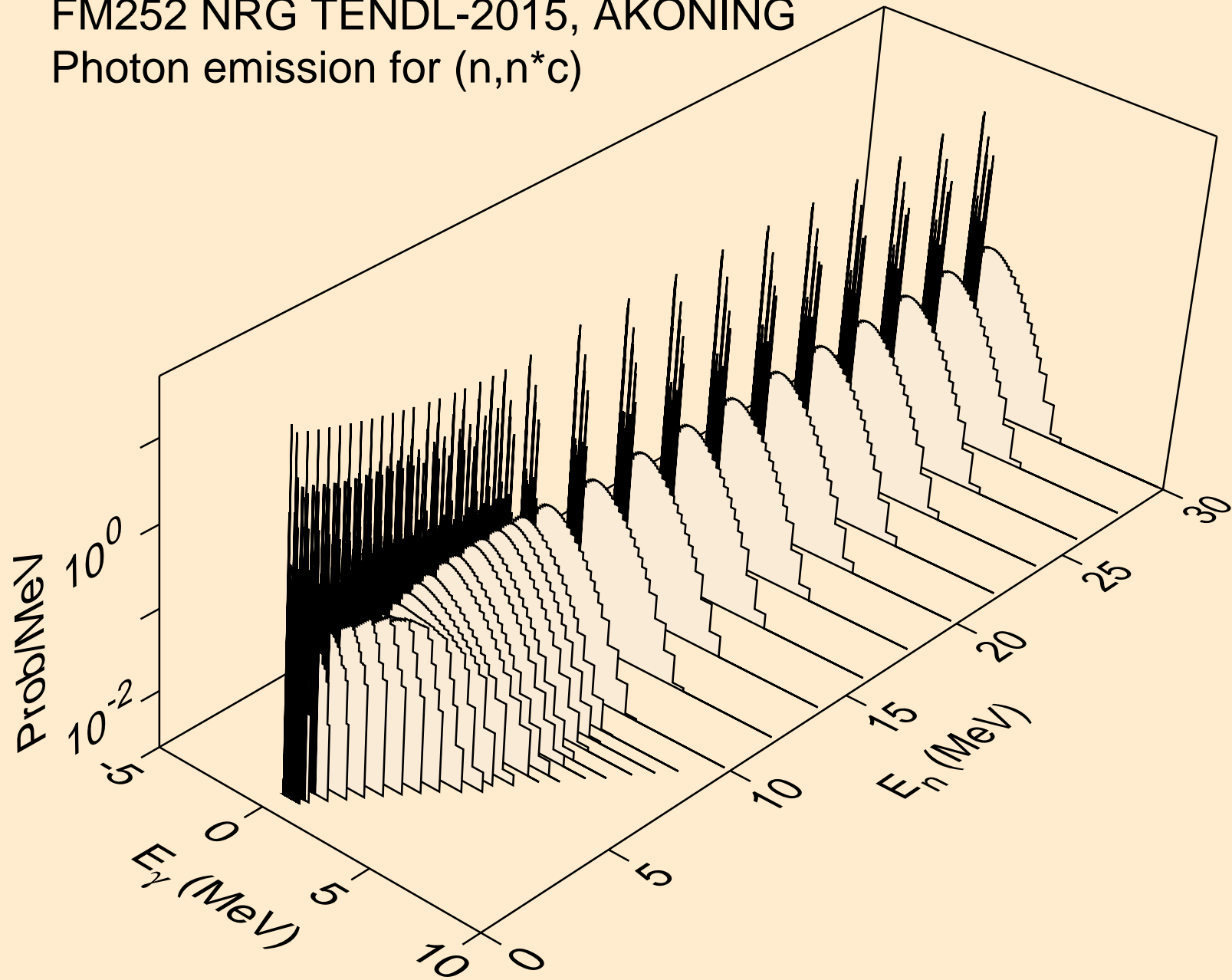
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Photon emission for (n,2np)



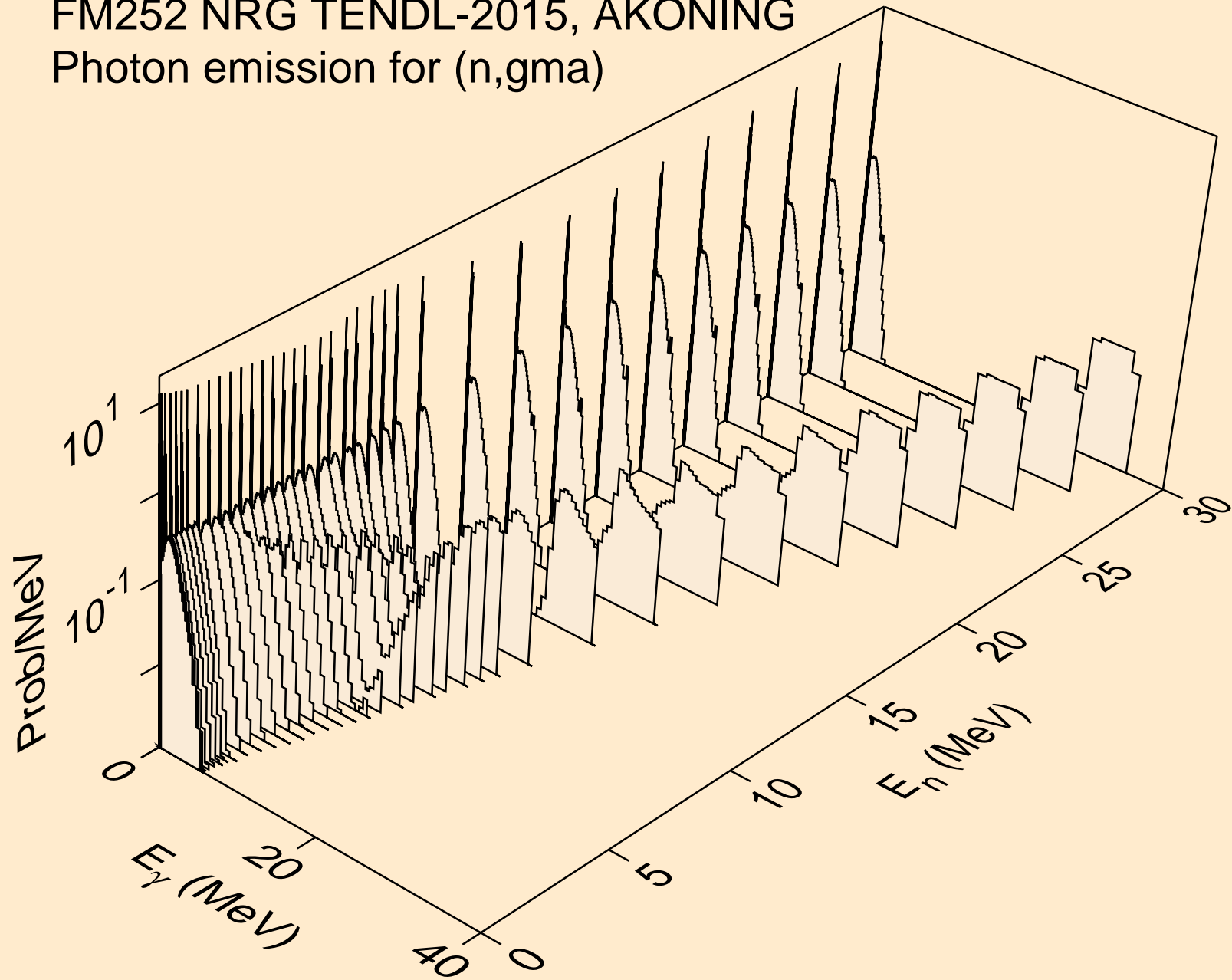
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Photon emission for (n,npa)



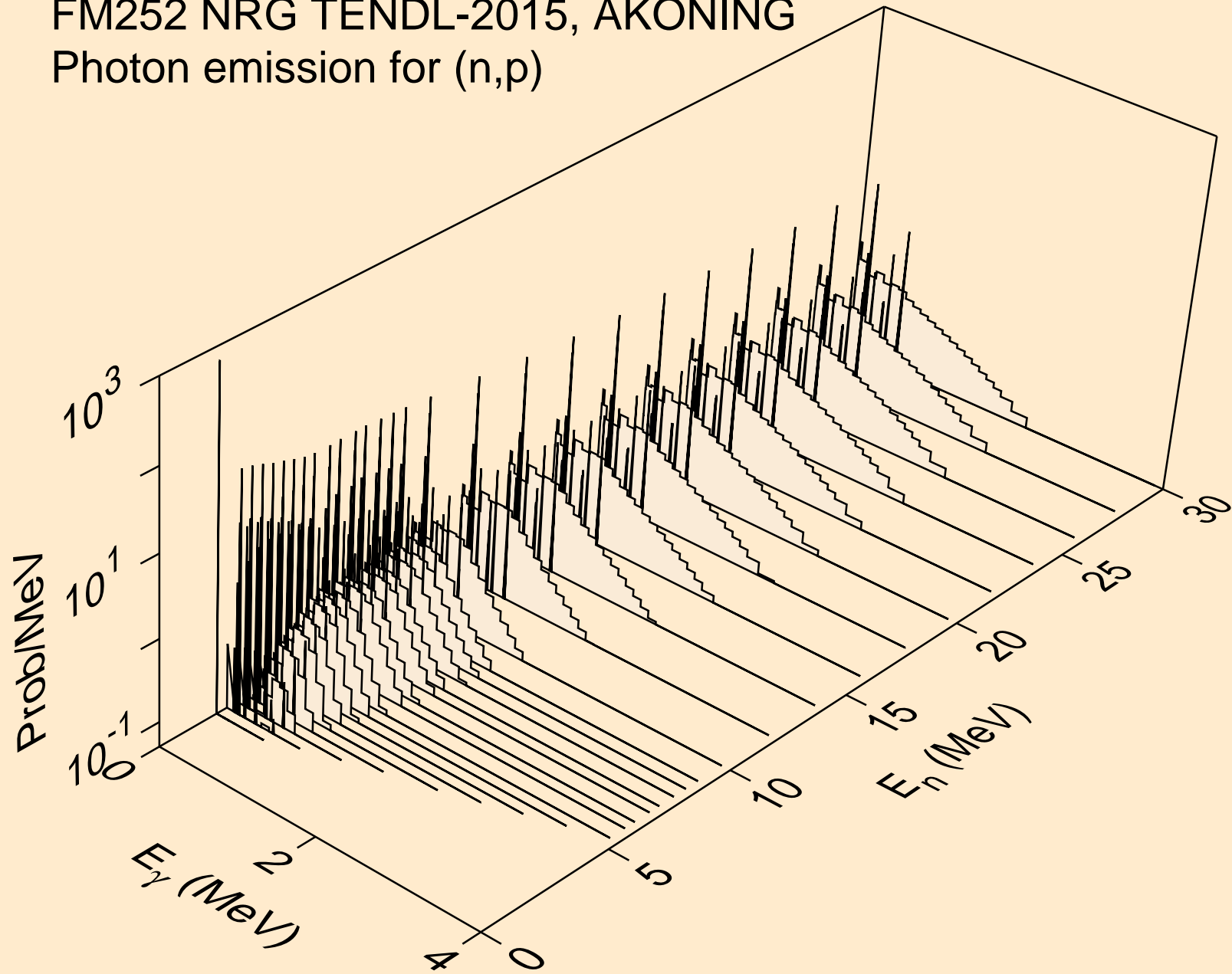
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Photon emission for (n,n\*c)



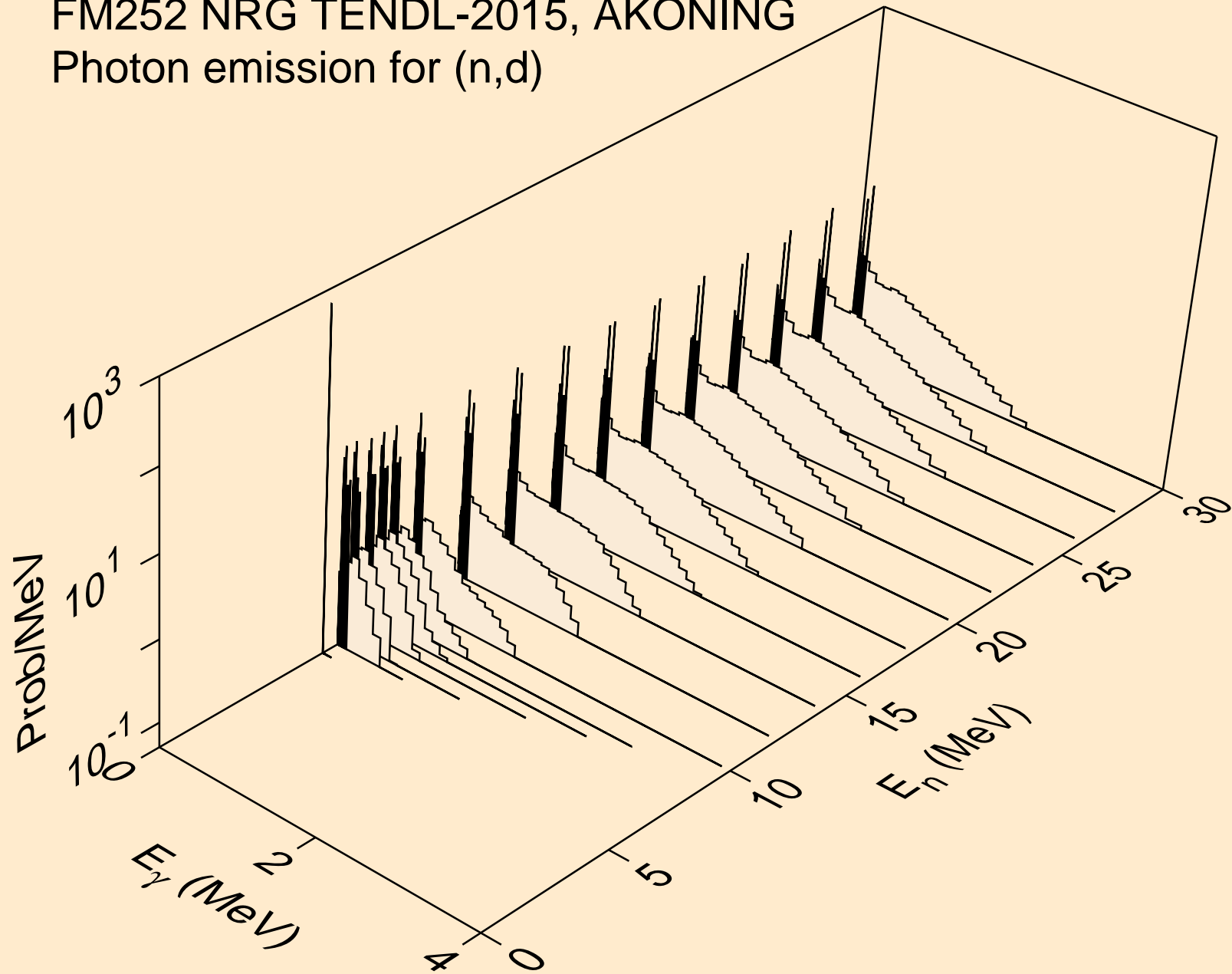
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Photon emission for (n,gma)



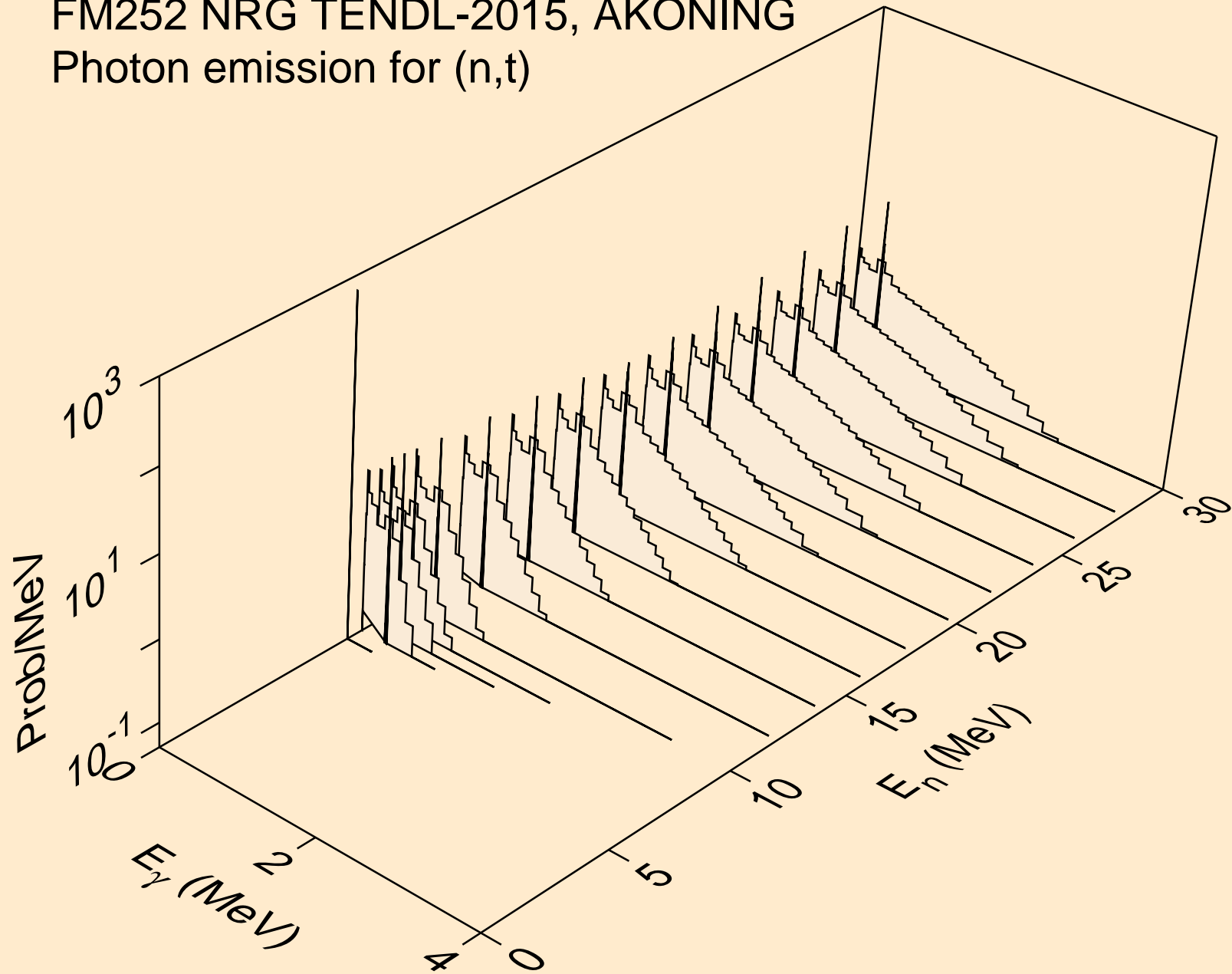
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Photon emission for (n,p)



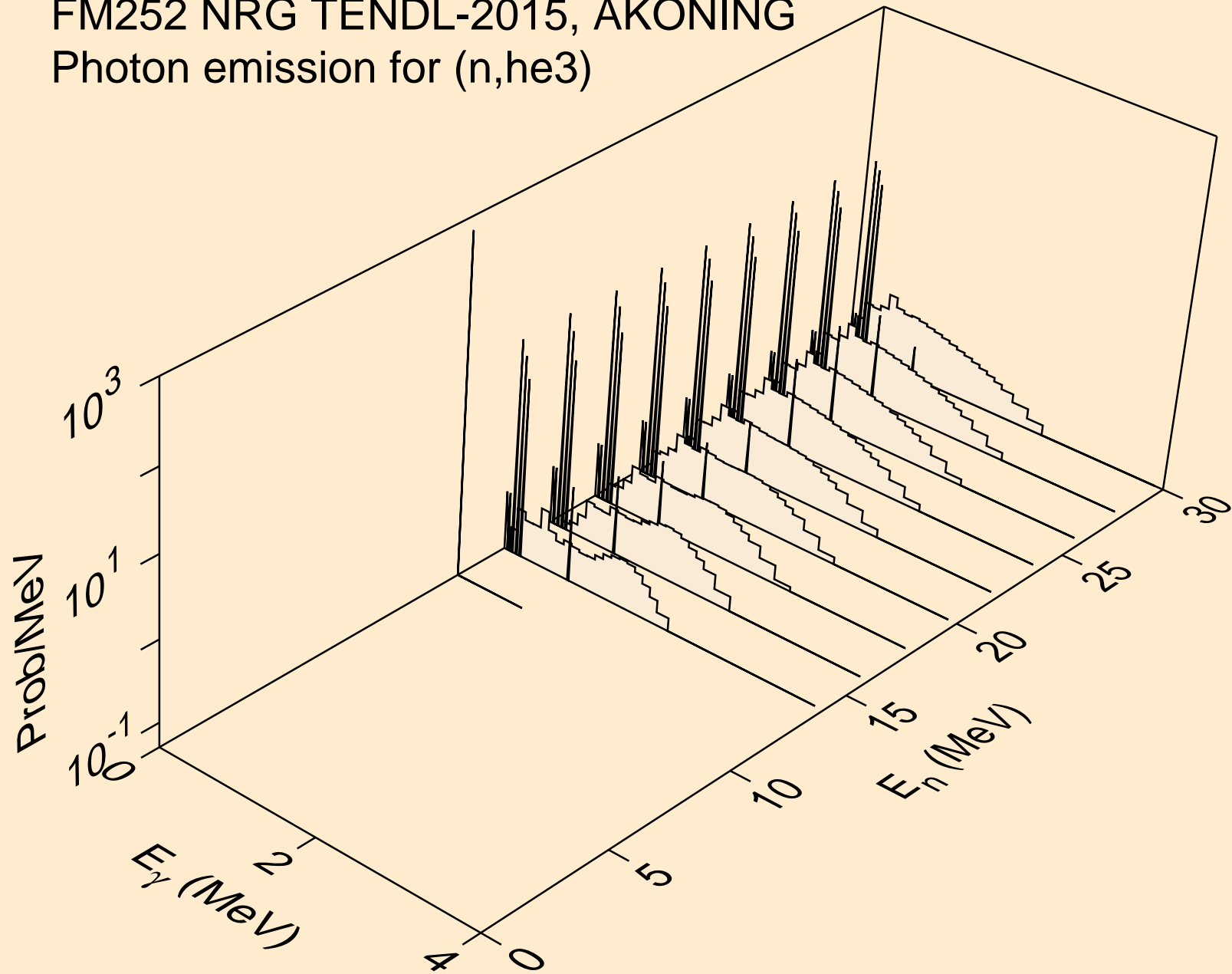
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



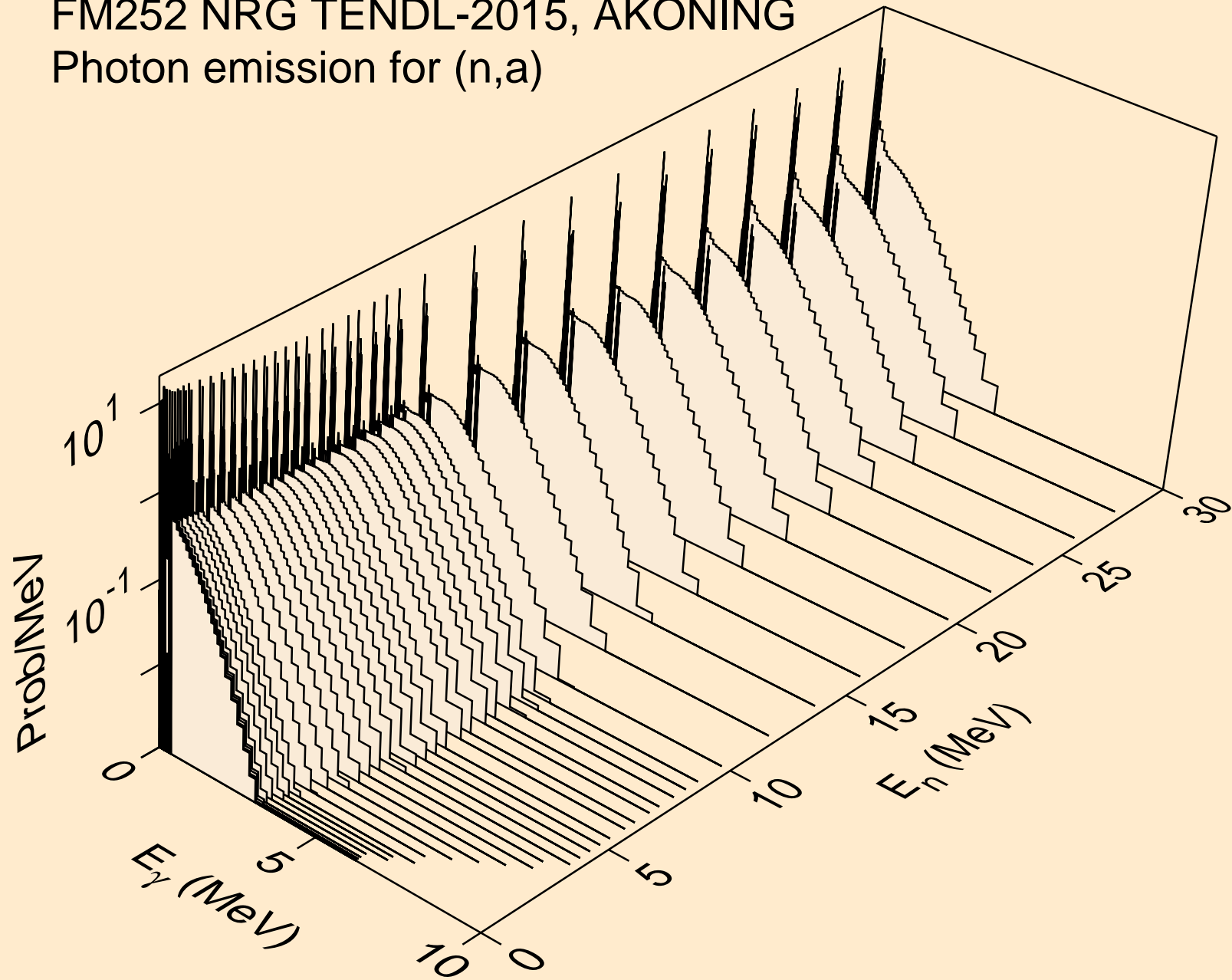
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



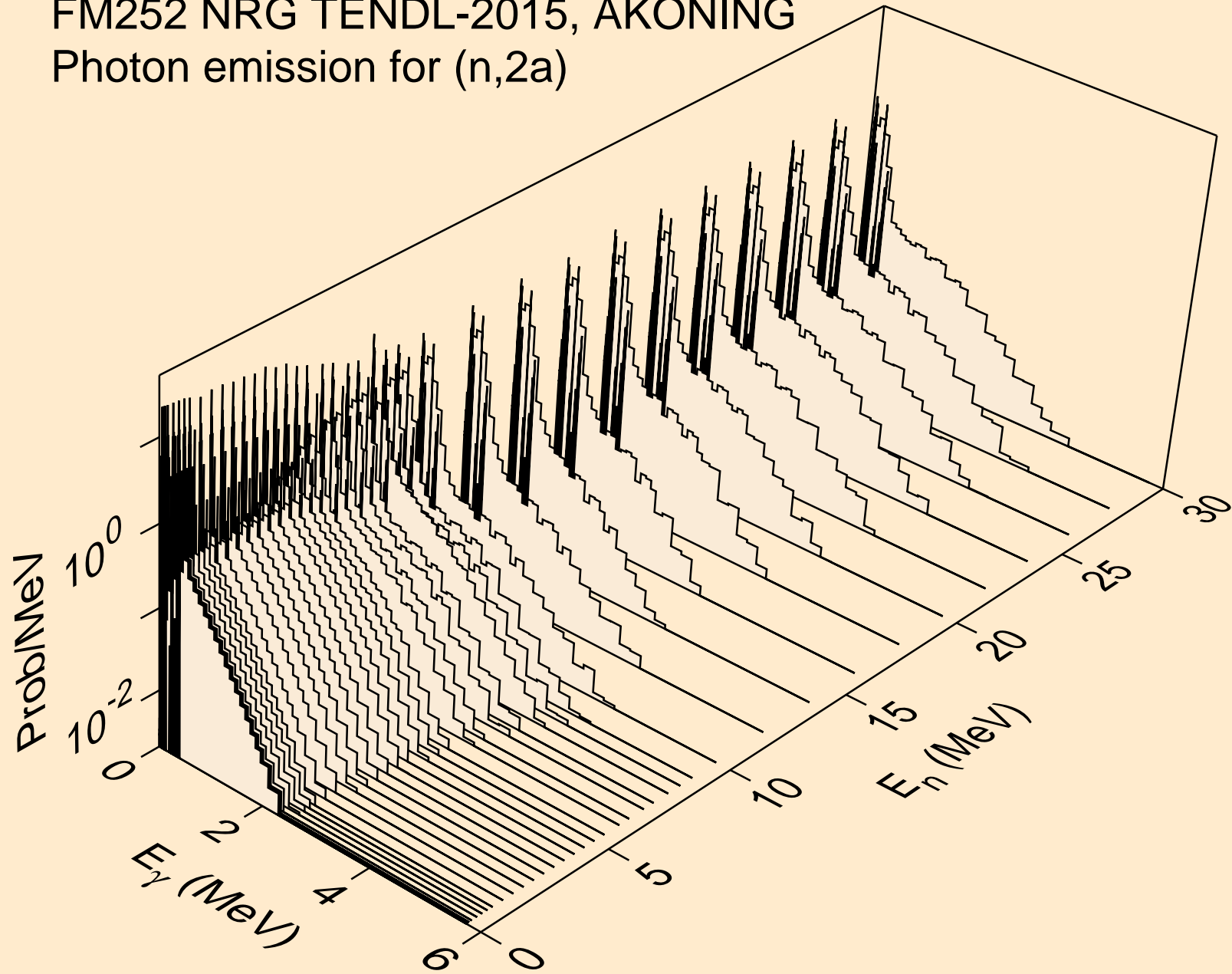
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Photon emission for (n,he3)



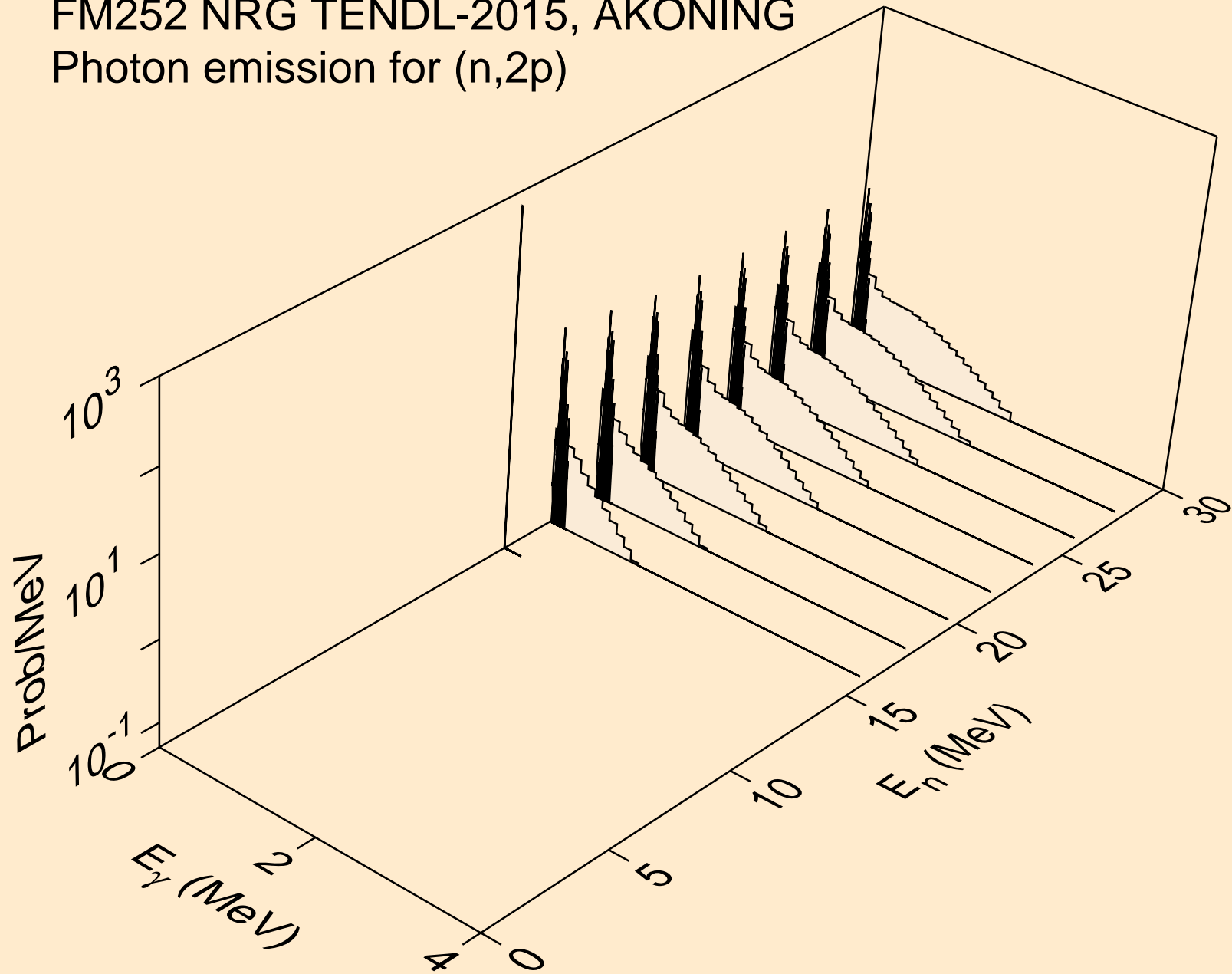
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Photon emission for (n,a)



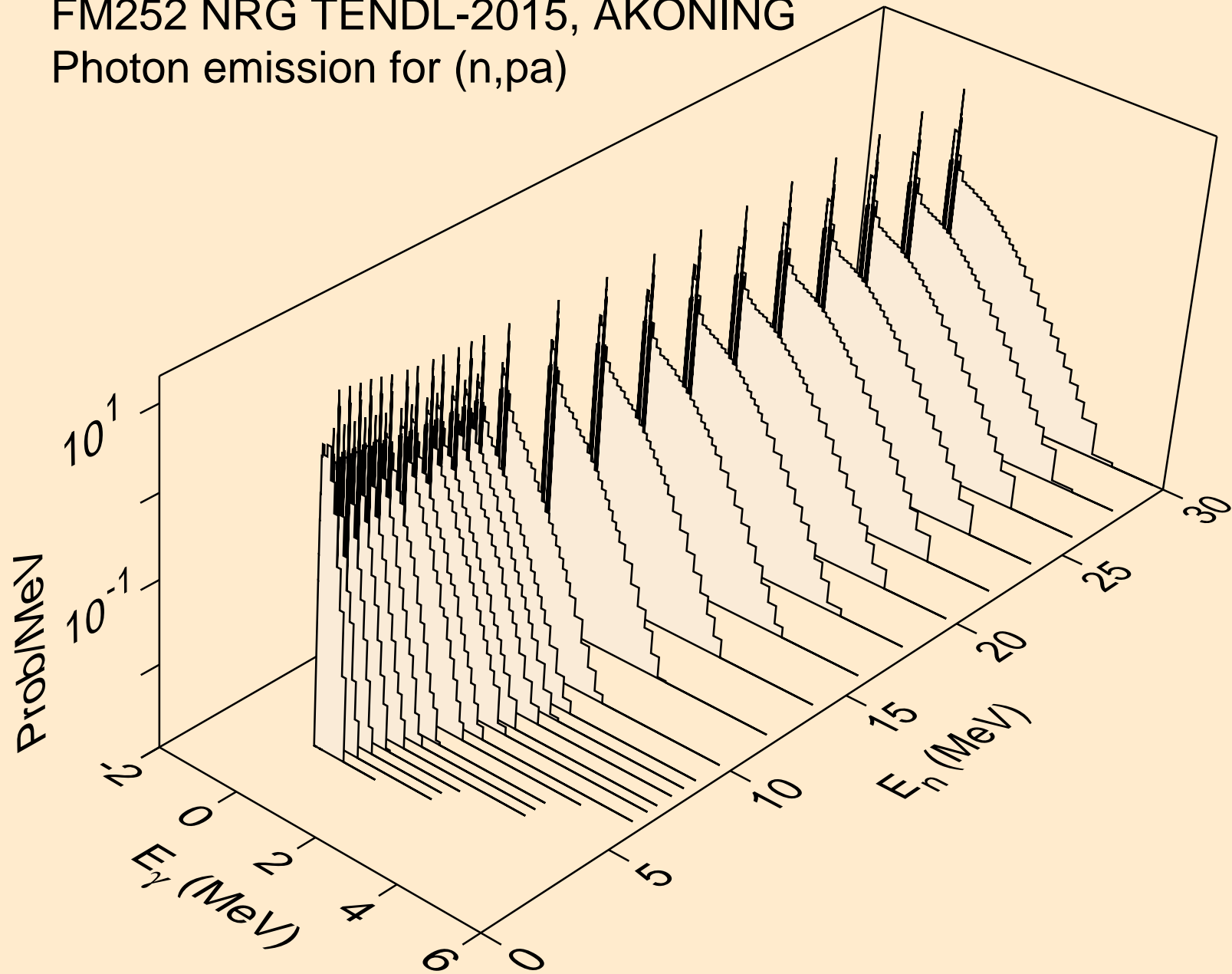
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Photon emission for (n,2a)



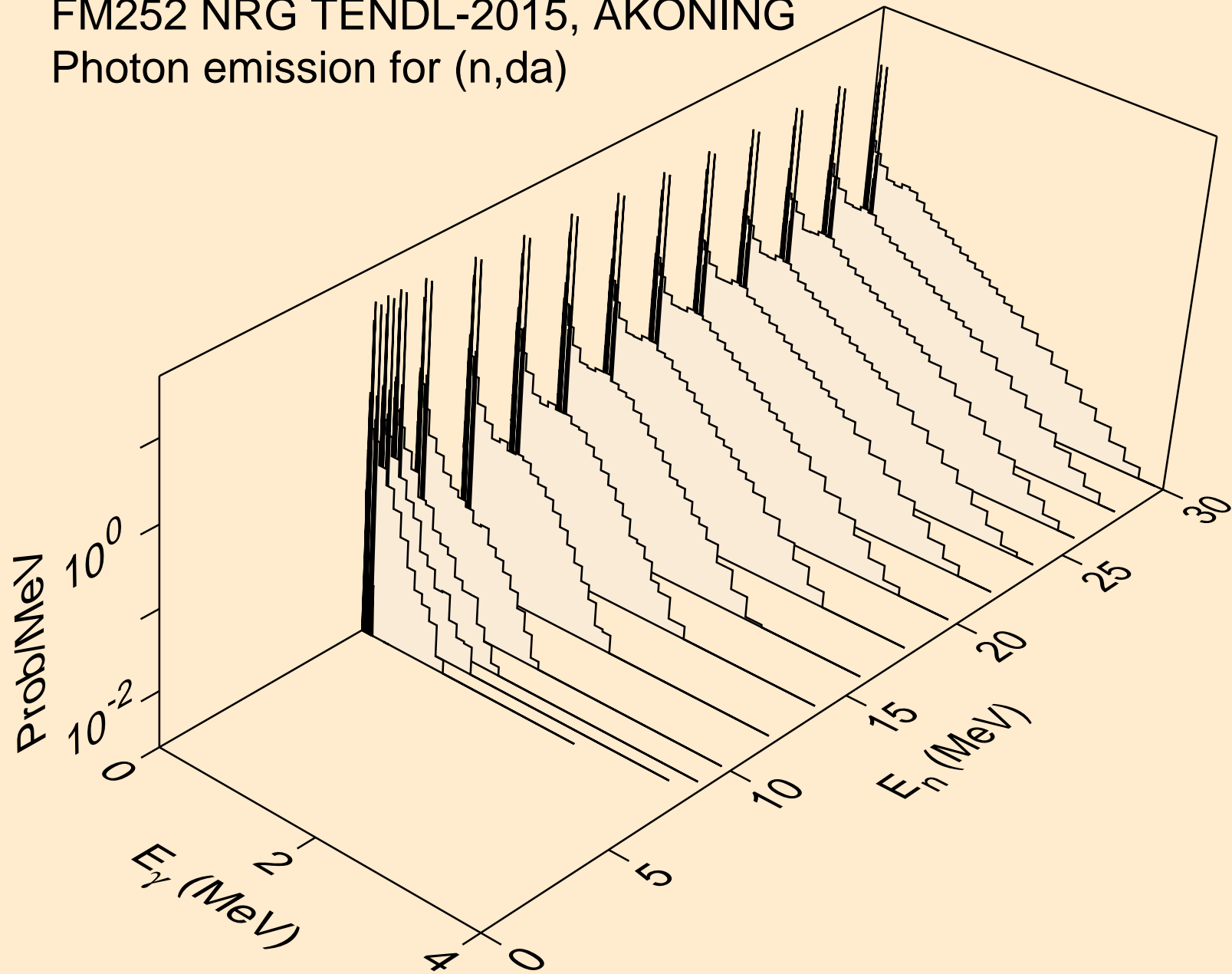
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Photon emission for (n,2p)



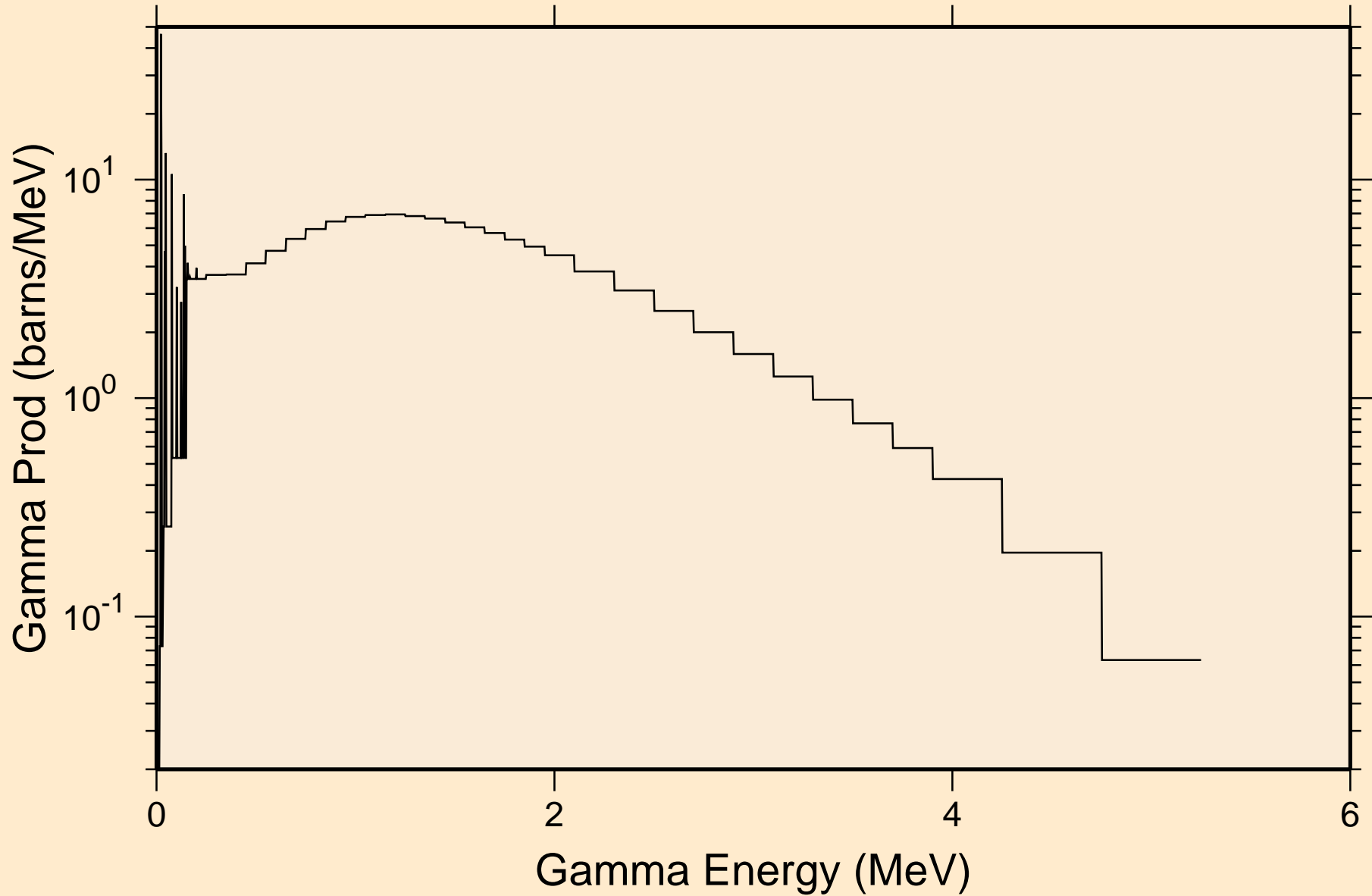
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



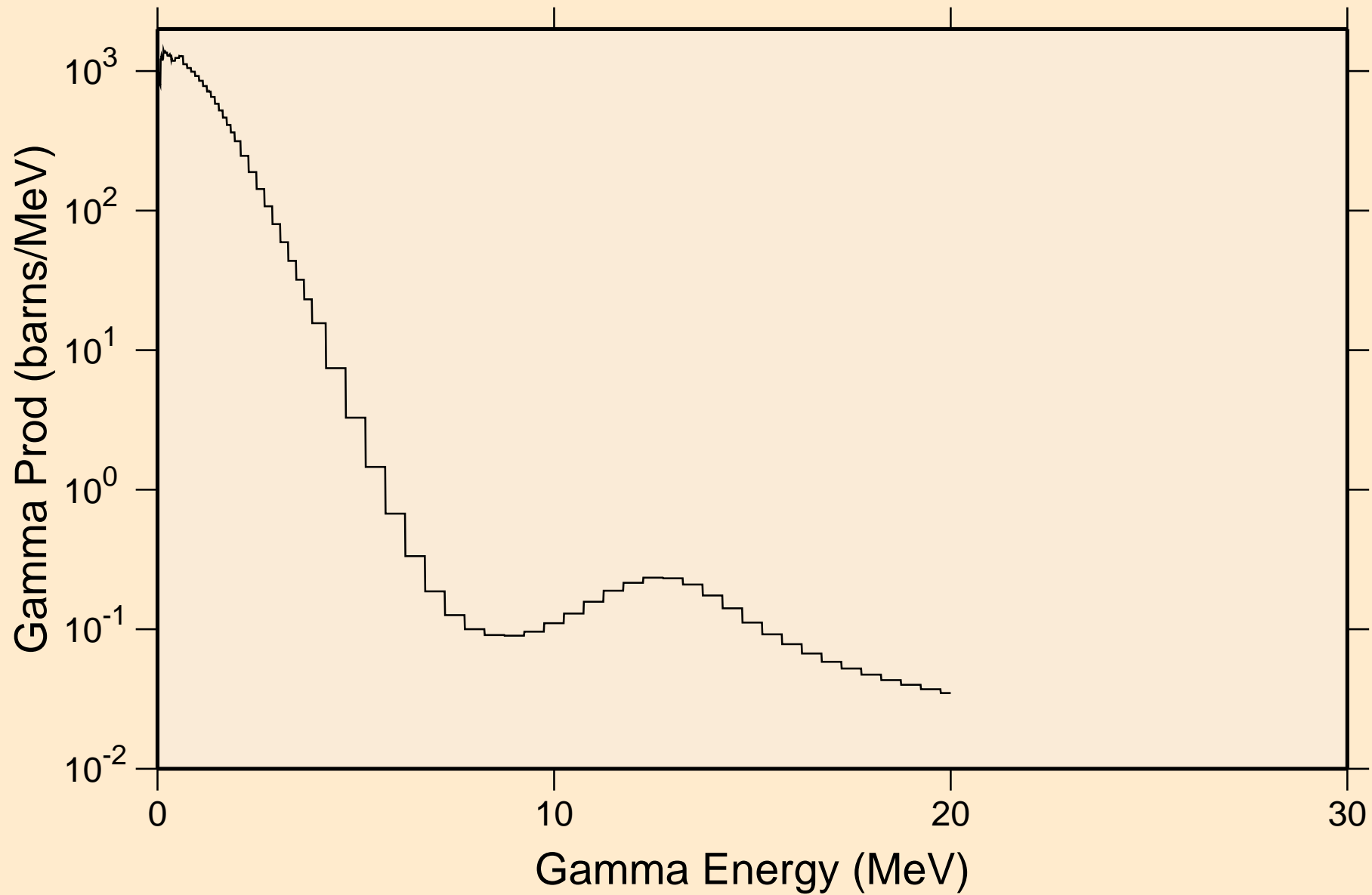
FM252 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



FM252 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

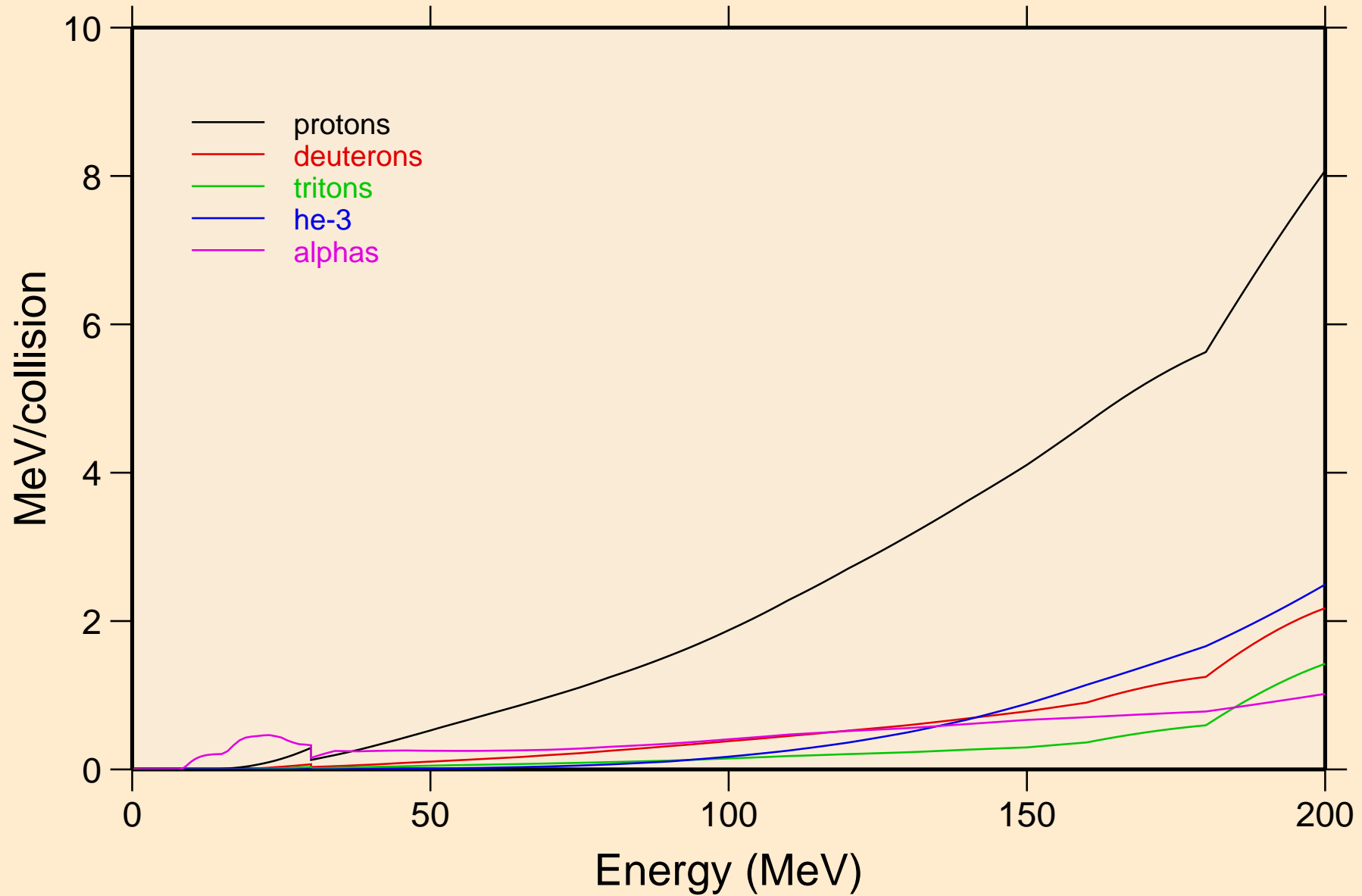


FM252 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



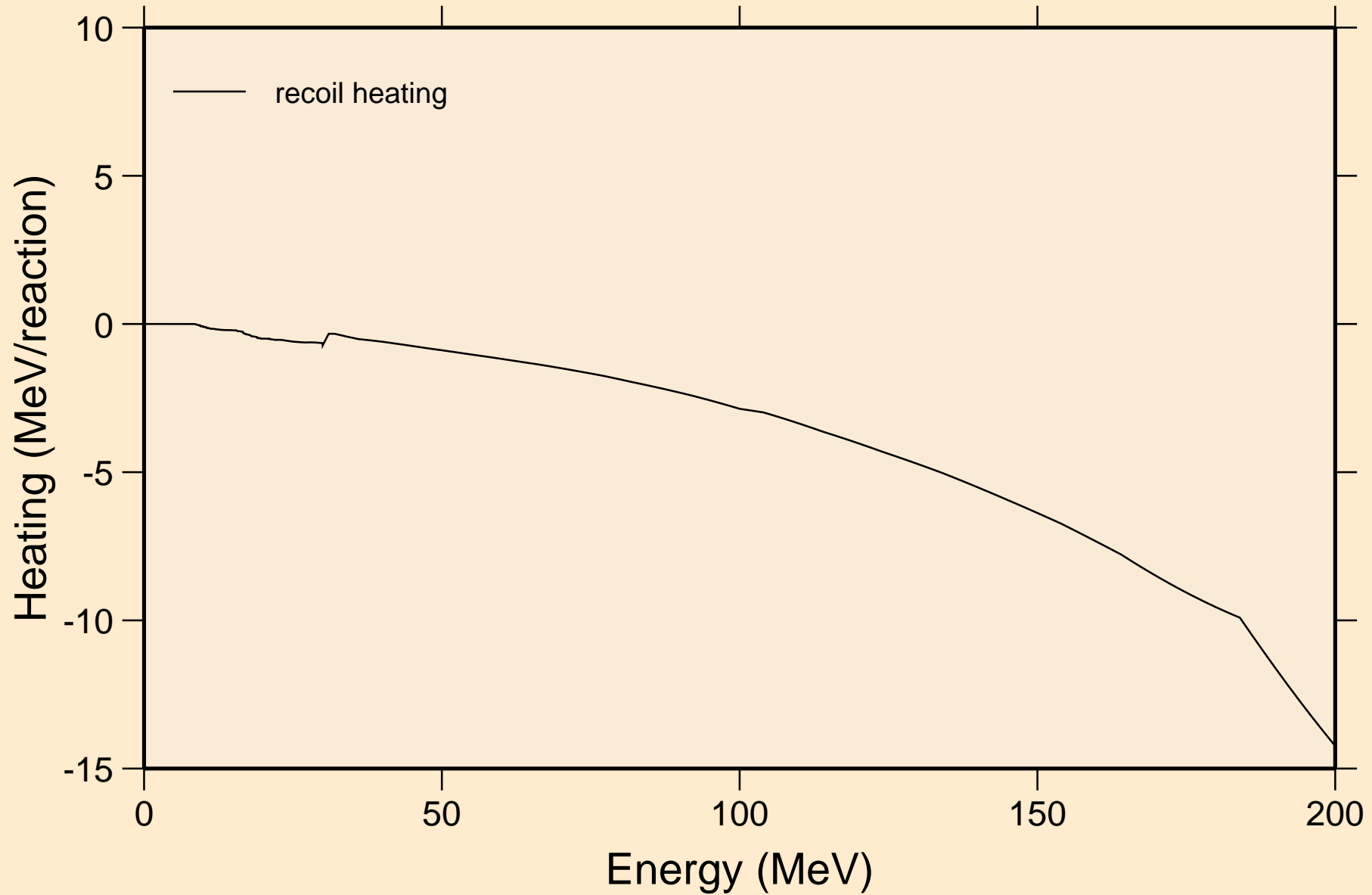
# FM252 NRG TENDL-2015, AKONING

## Particle heating contributions



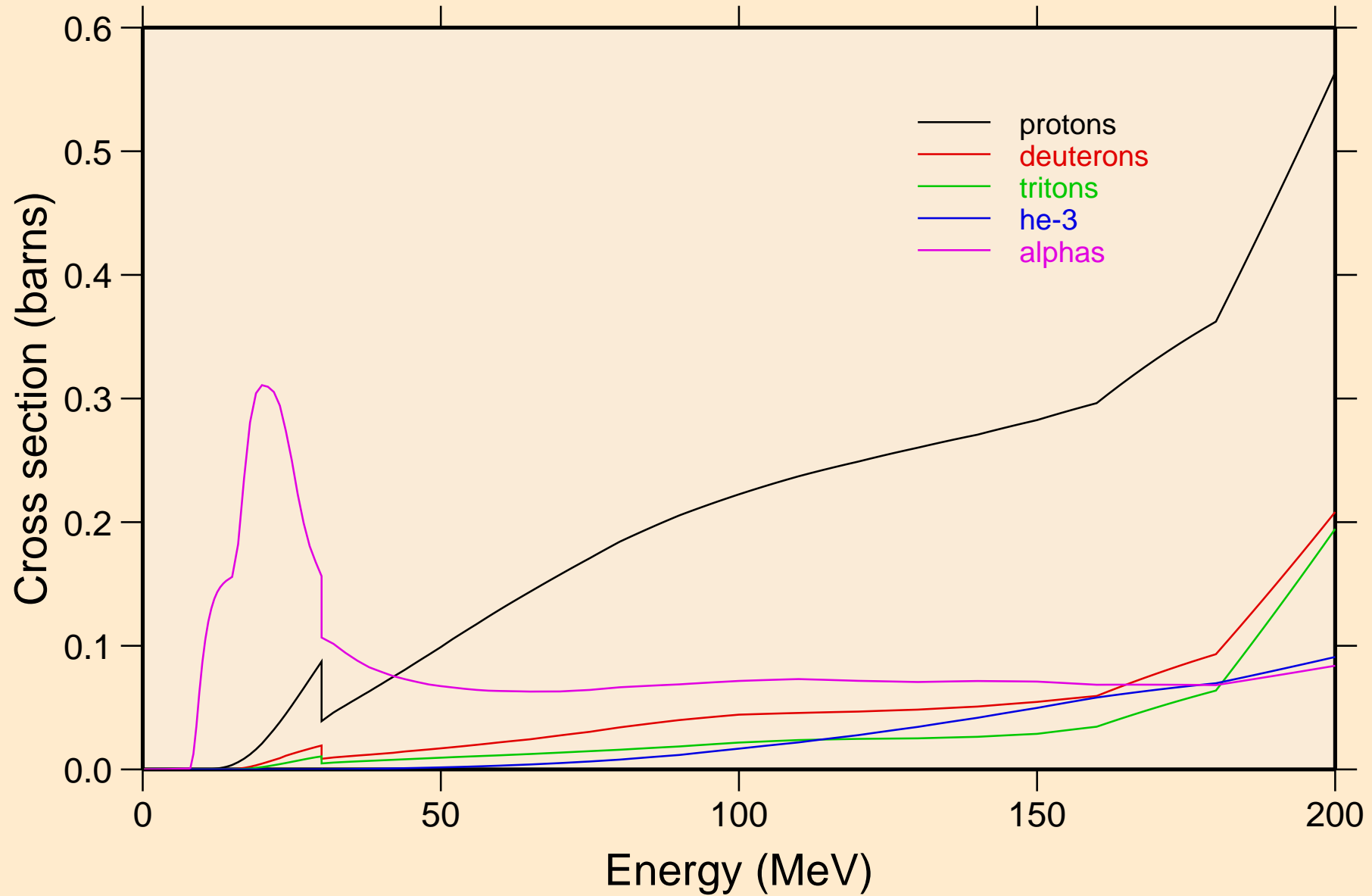
# FM252 NRG TENDL-2015, AKONING

## Recoil Heating

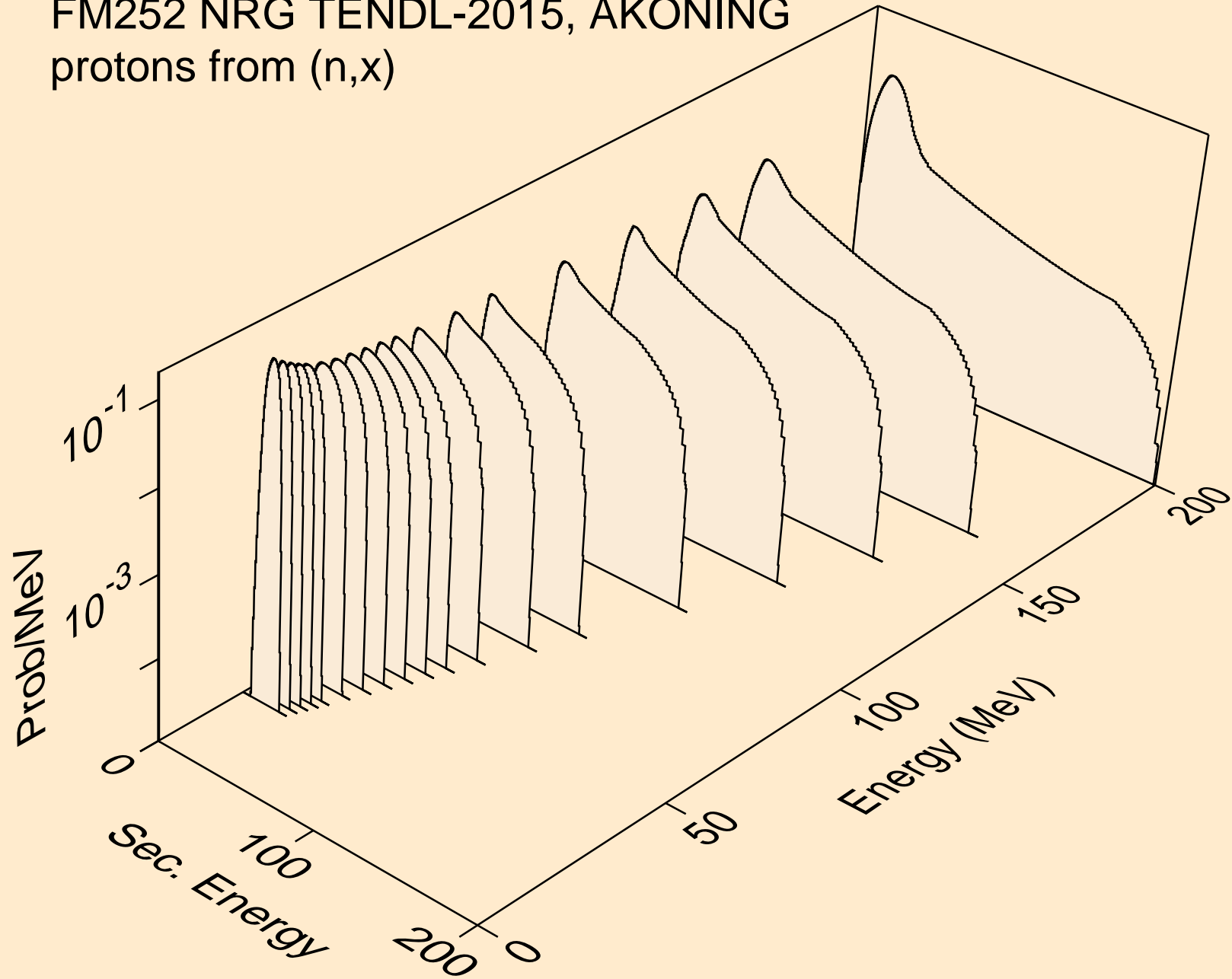


# FM252 NRG TENDL-2015, AKONING

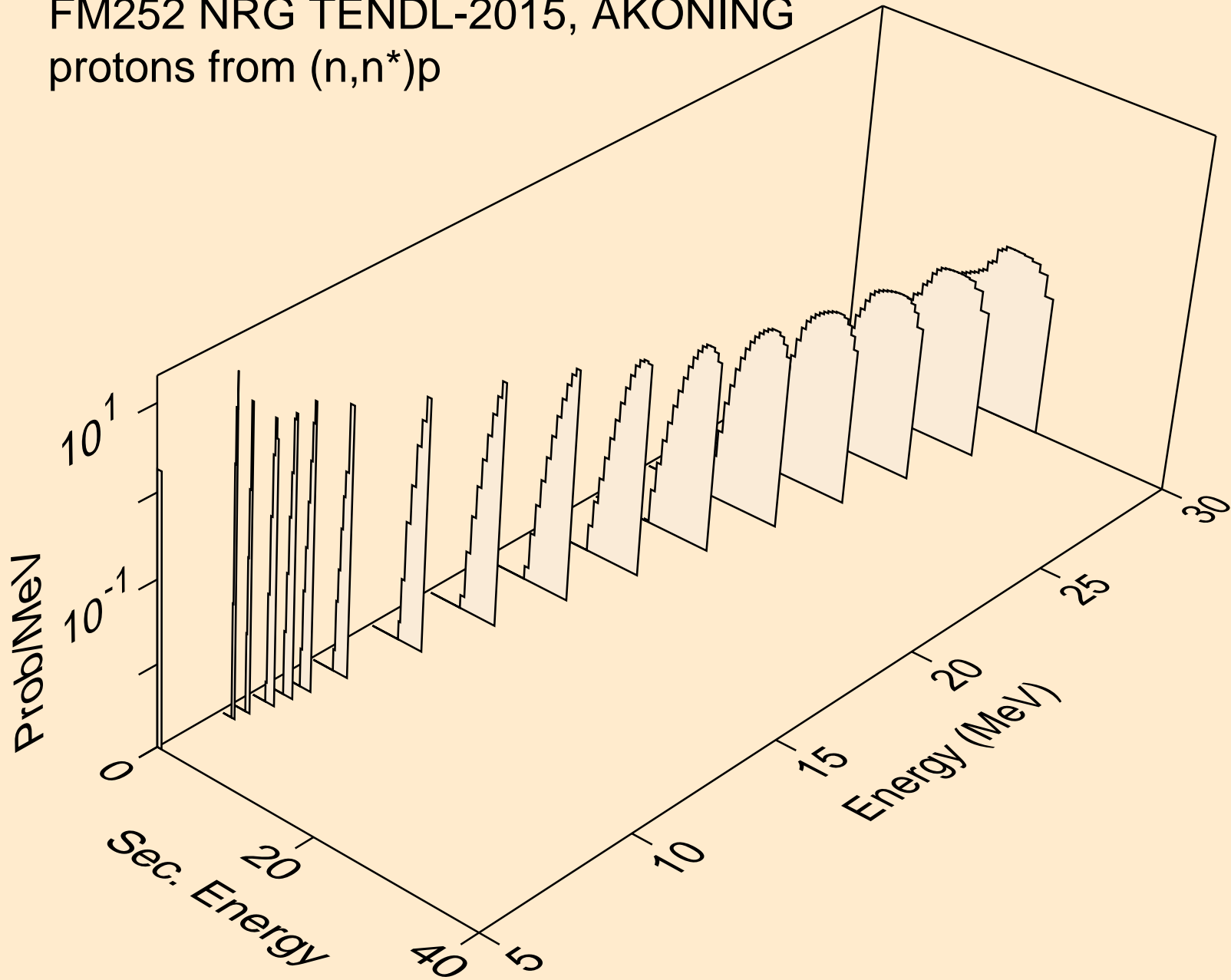
## Particle production cross sections



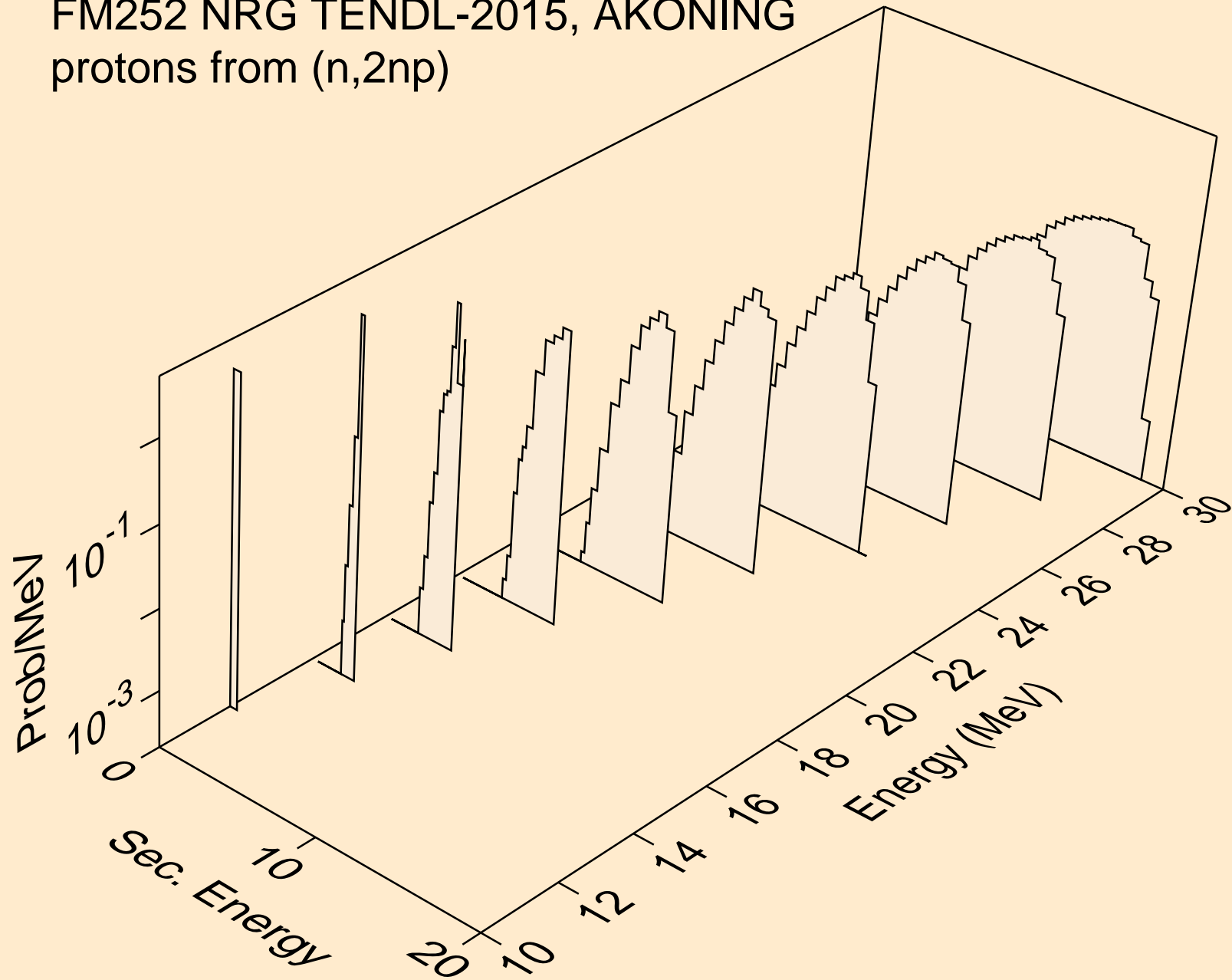
FM252 NRG TENDL-2015, AKONING  
protons from (n,x)



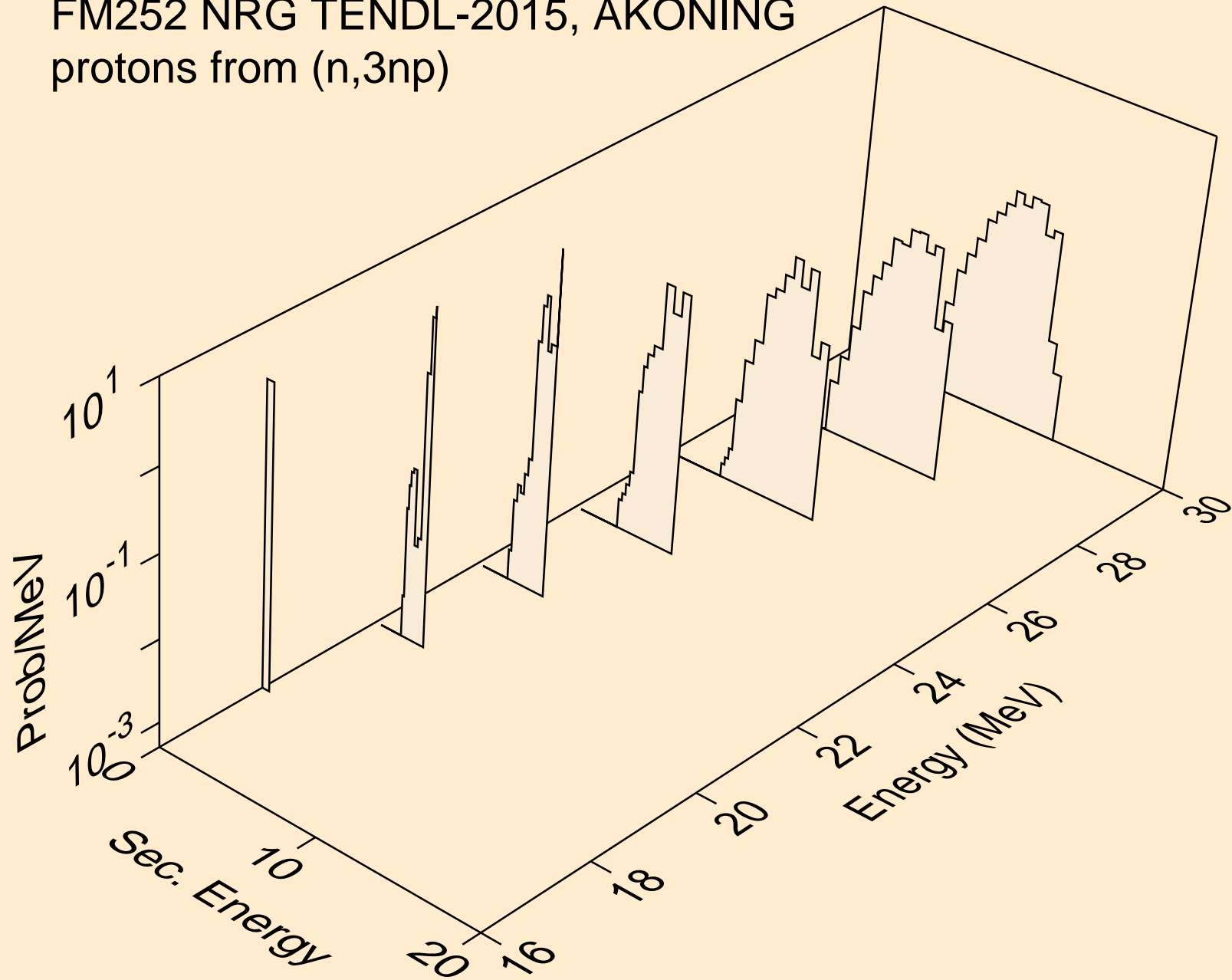
FM252 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



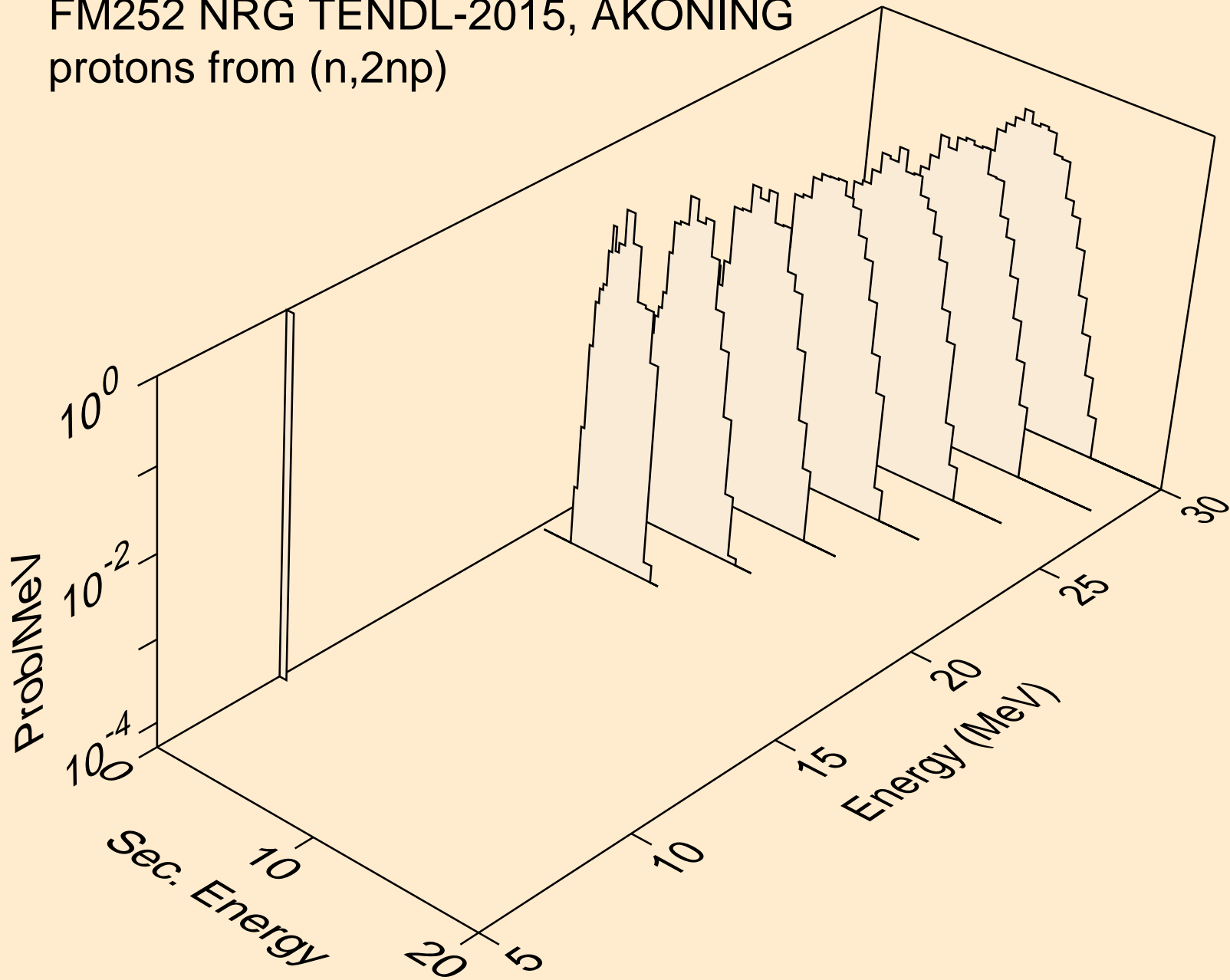
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protons from (n,2np)



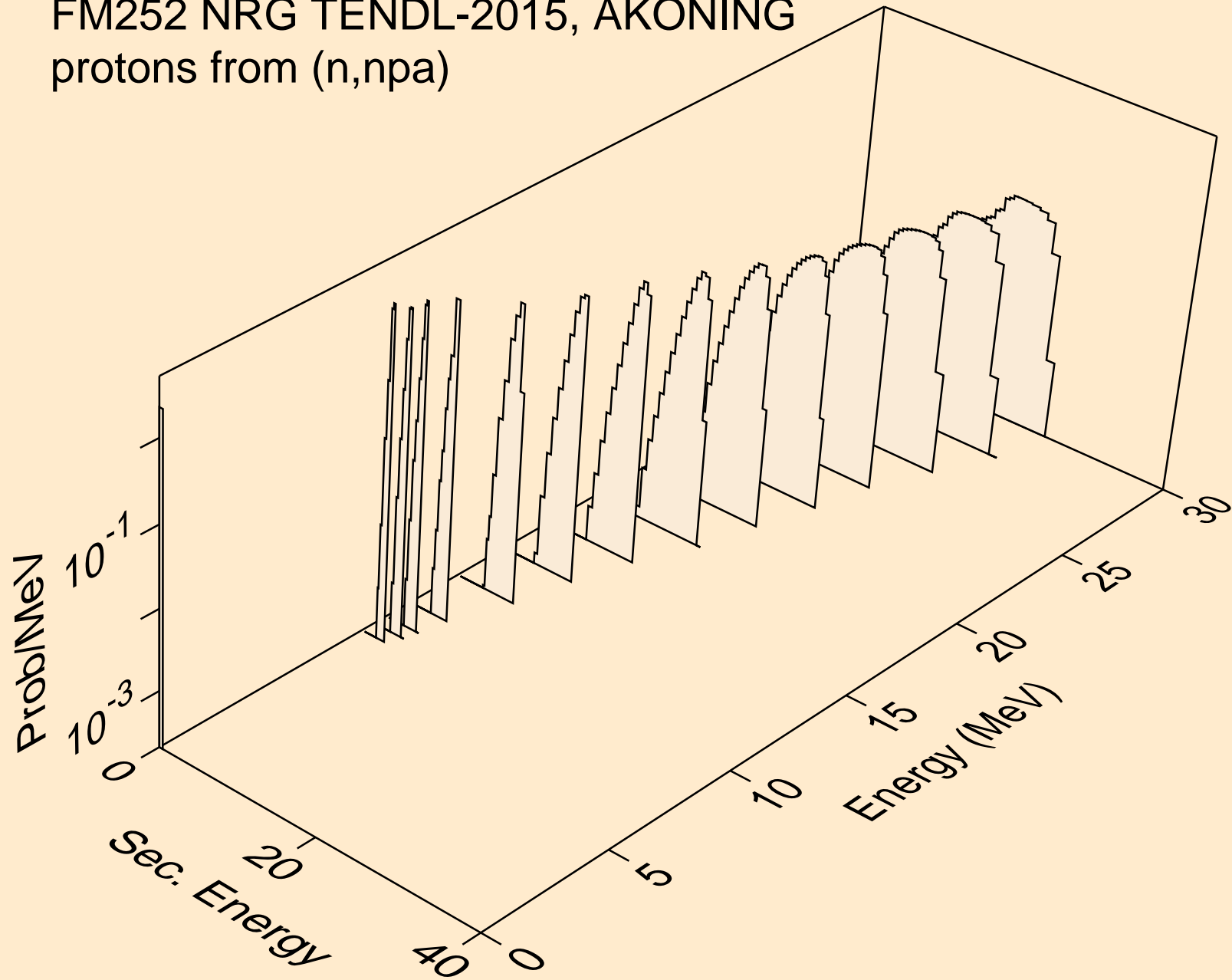
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protons from (n,3np)



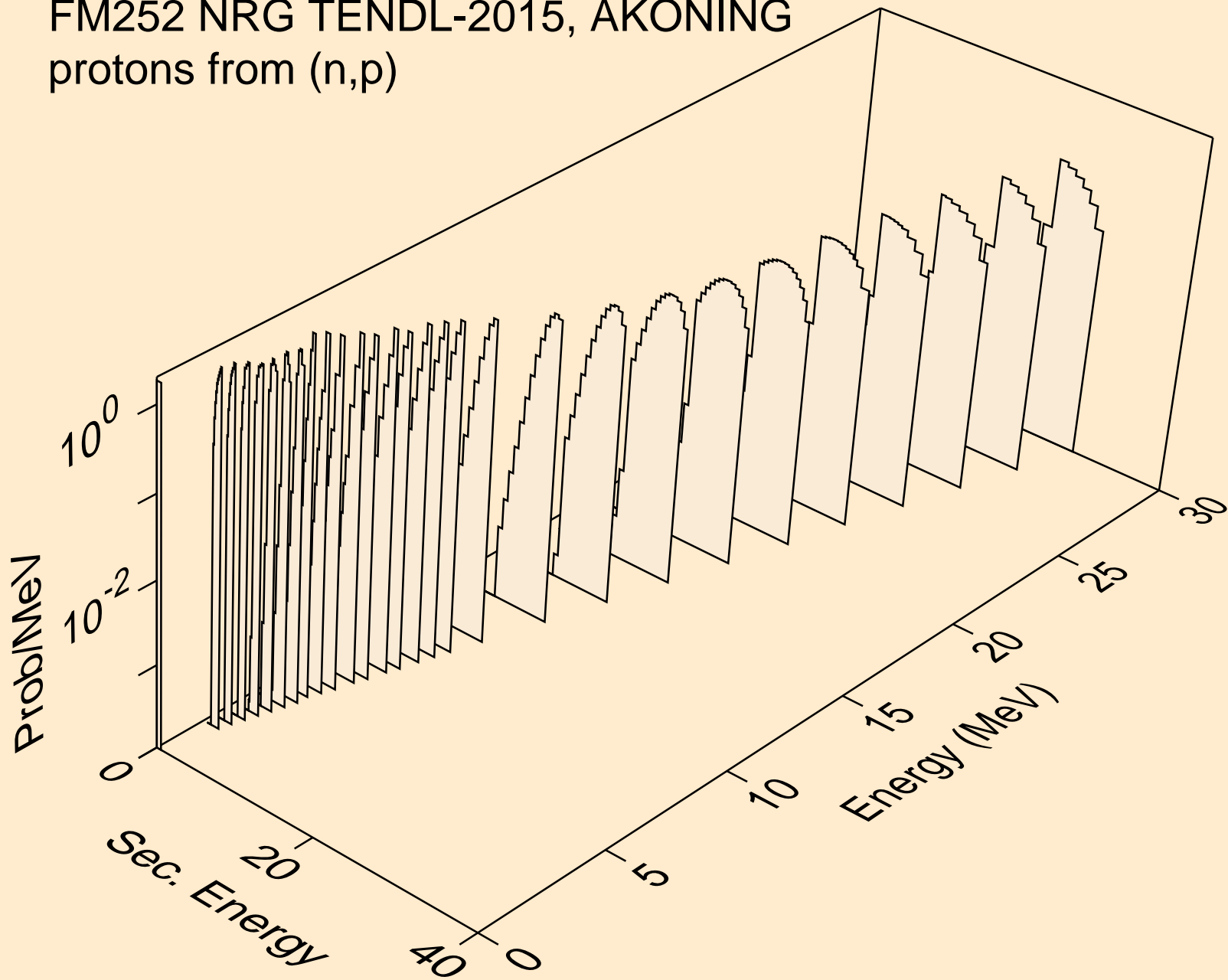
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protons from (n,2np)



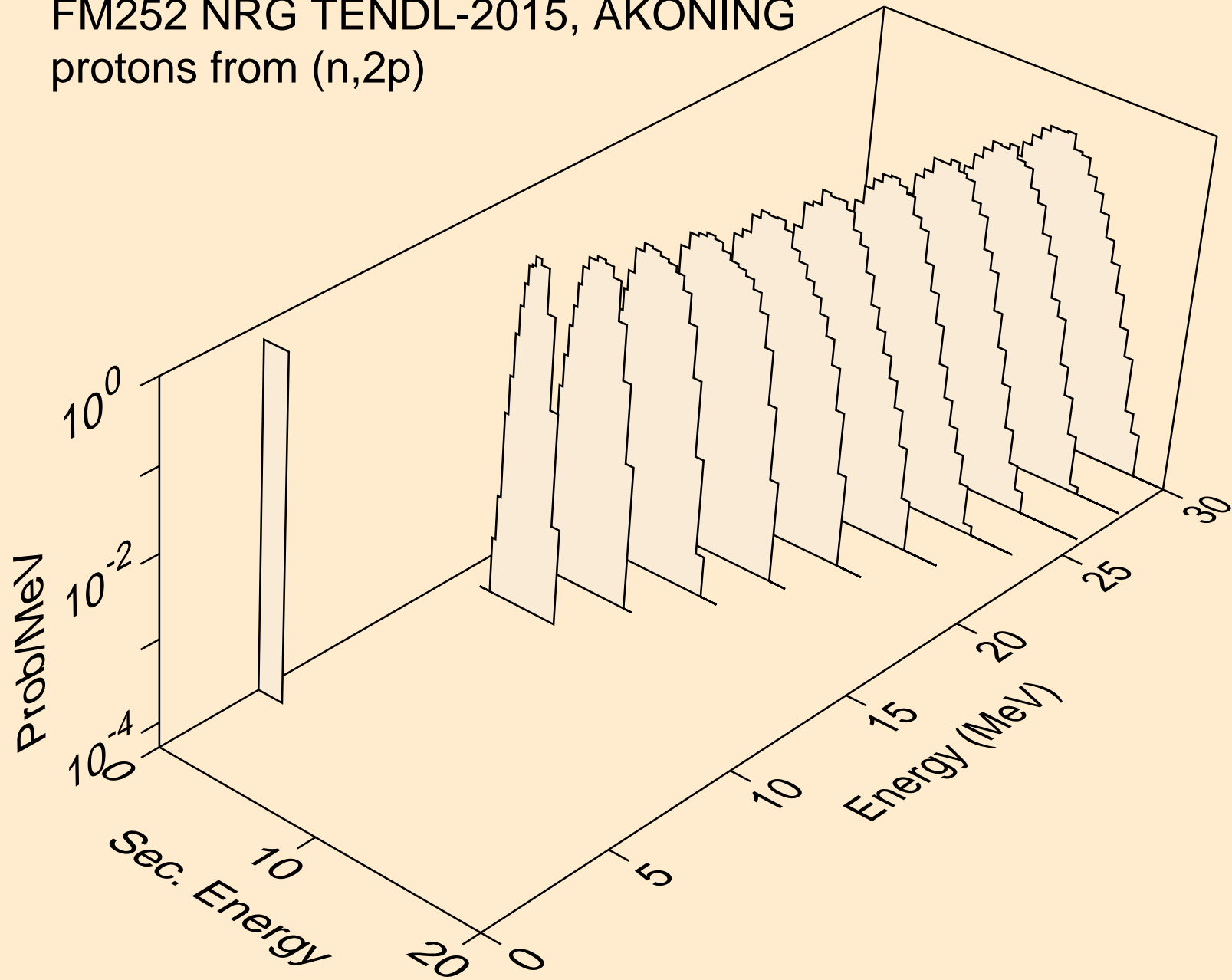
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protons from (n,npa)



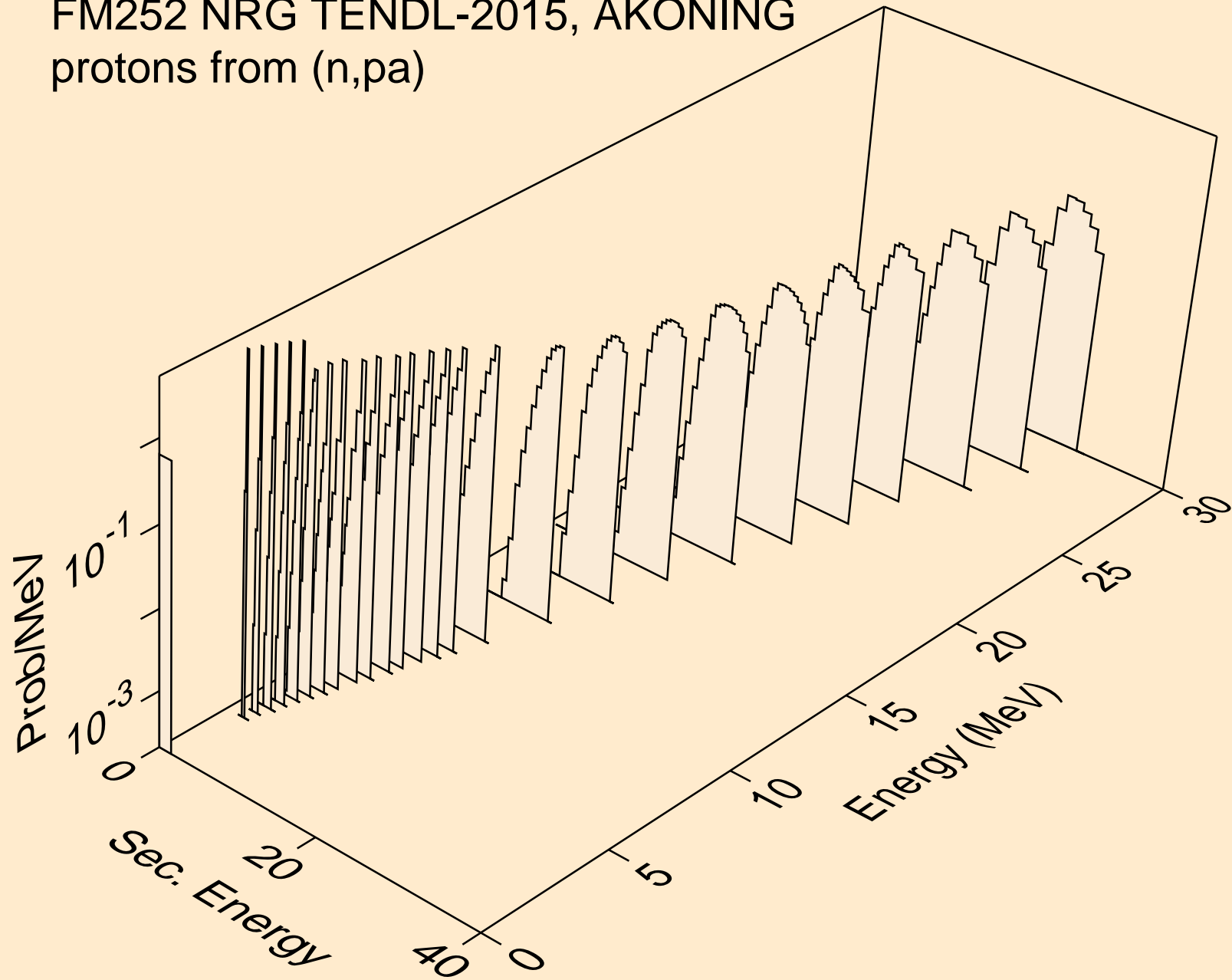
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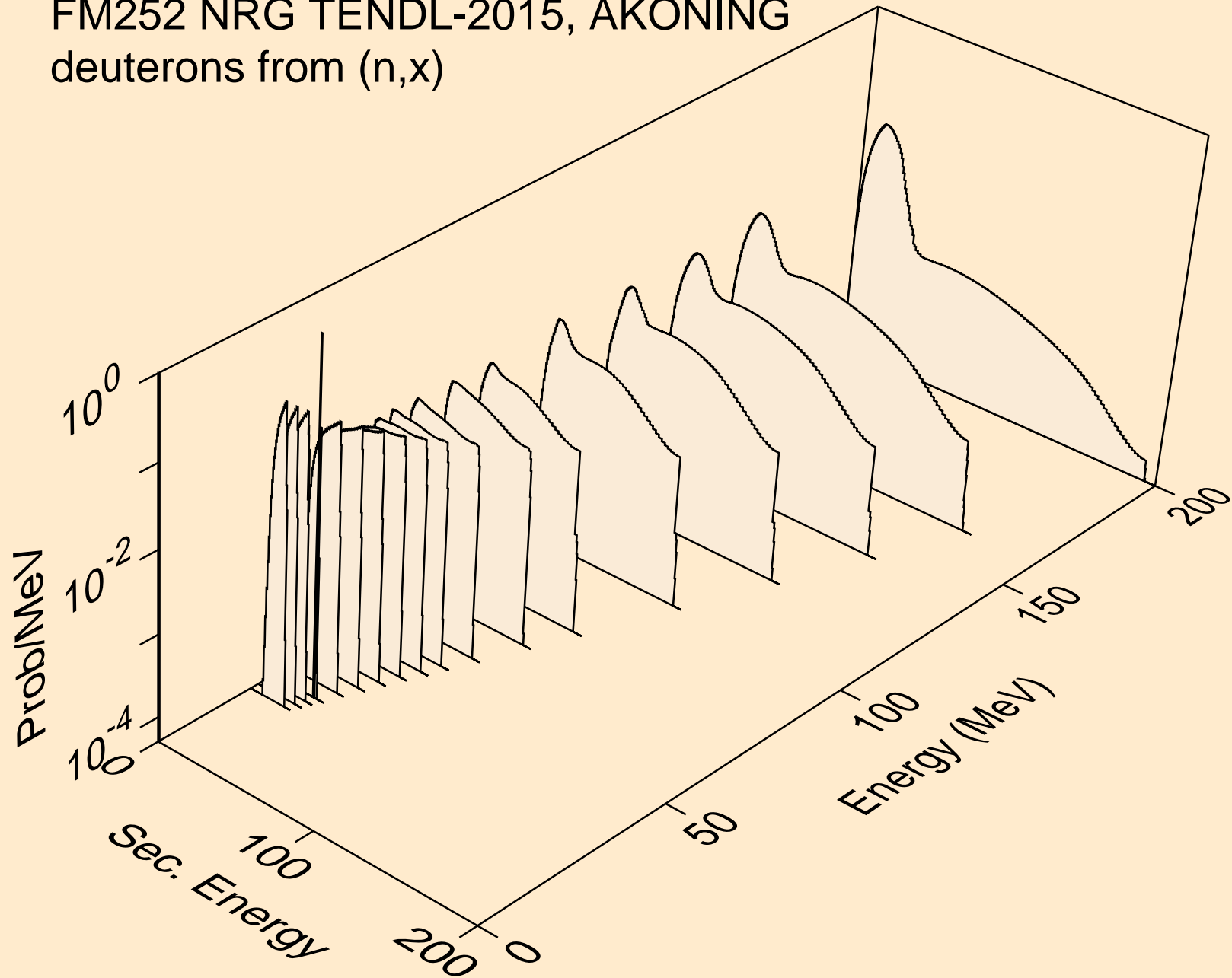
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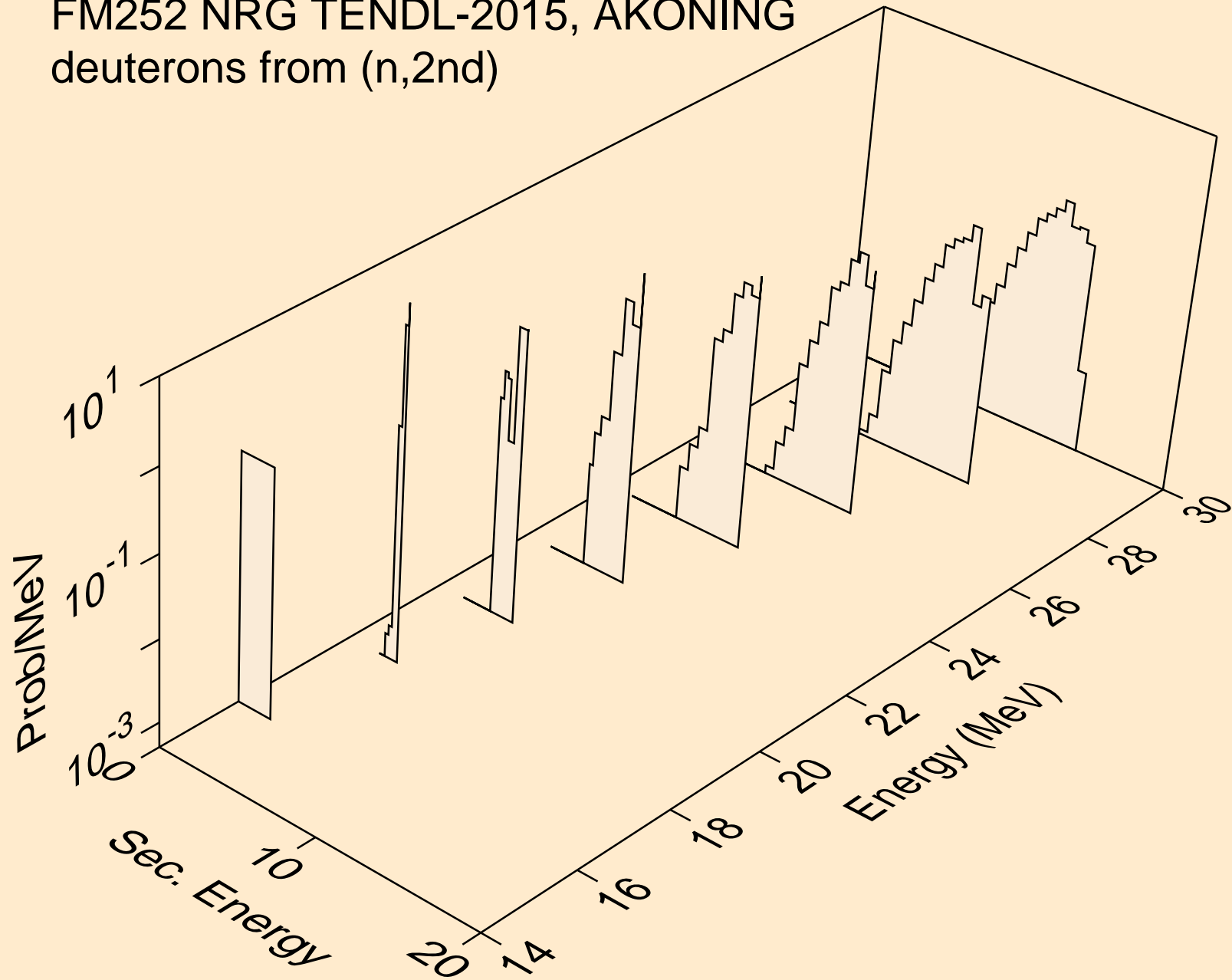
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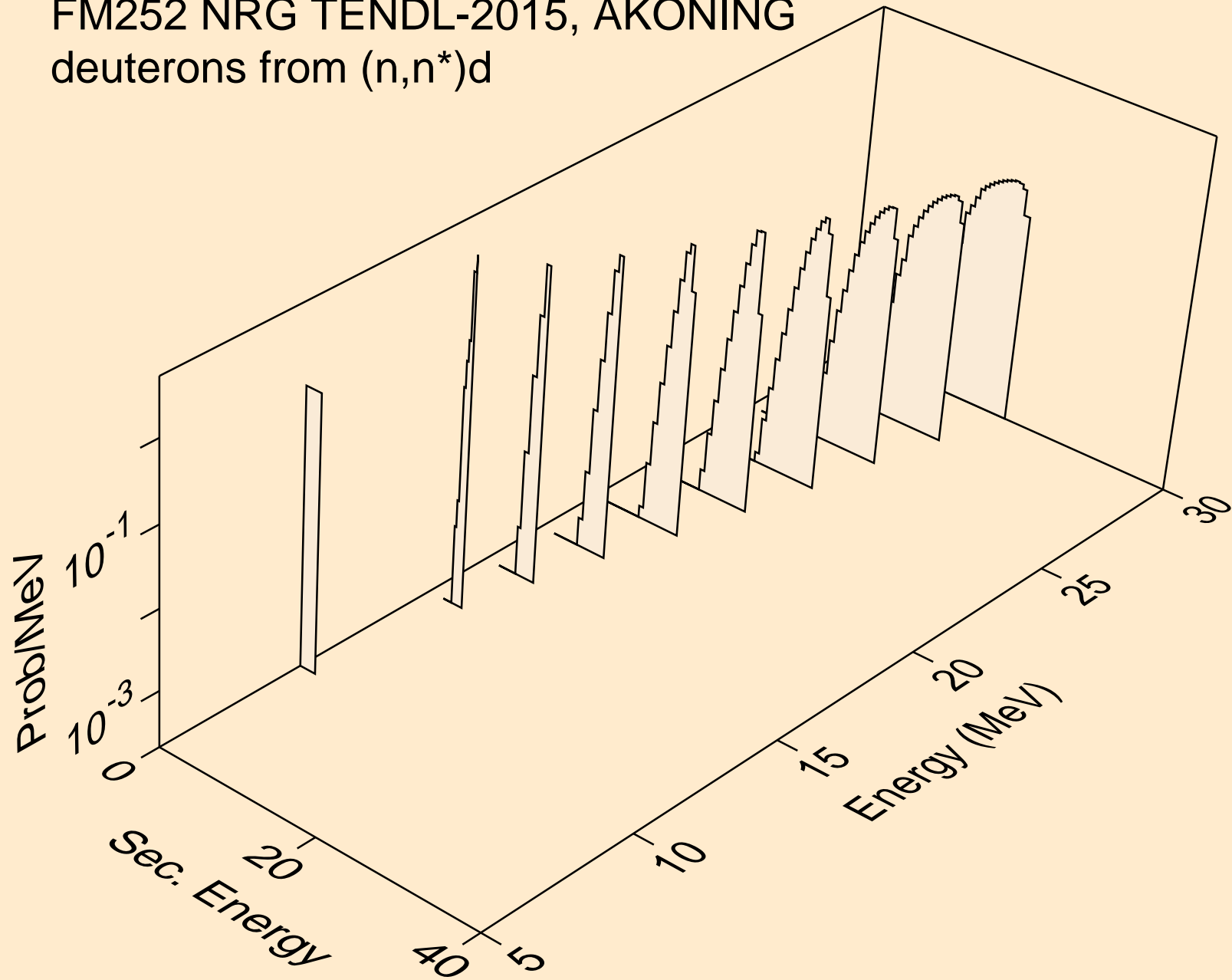
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deuterons from (n,x)



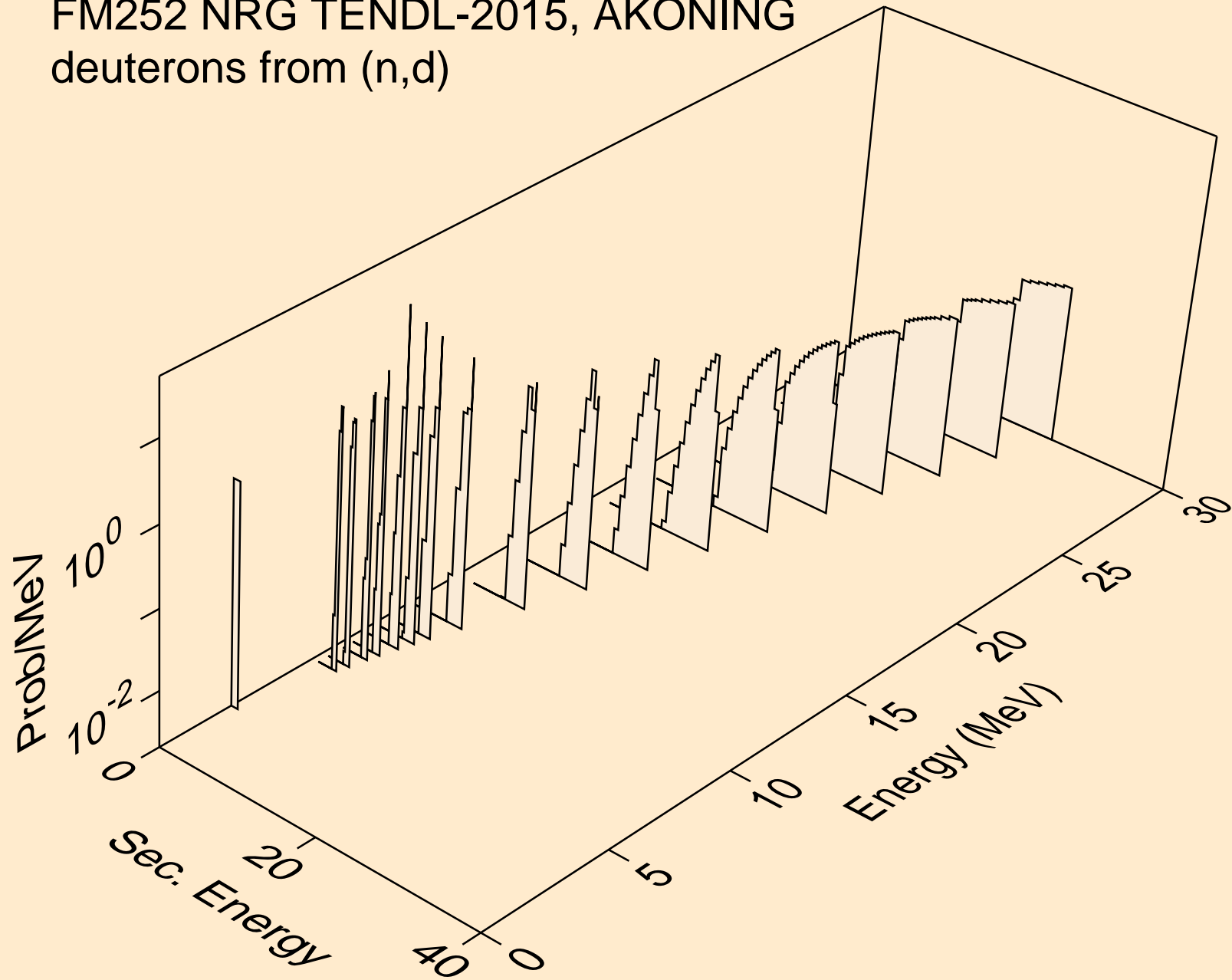
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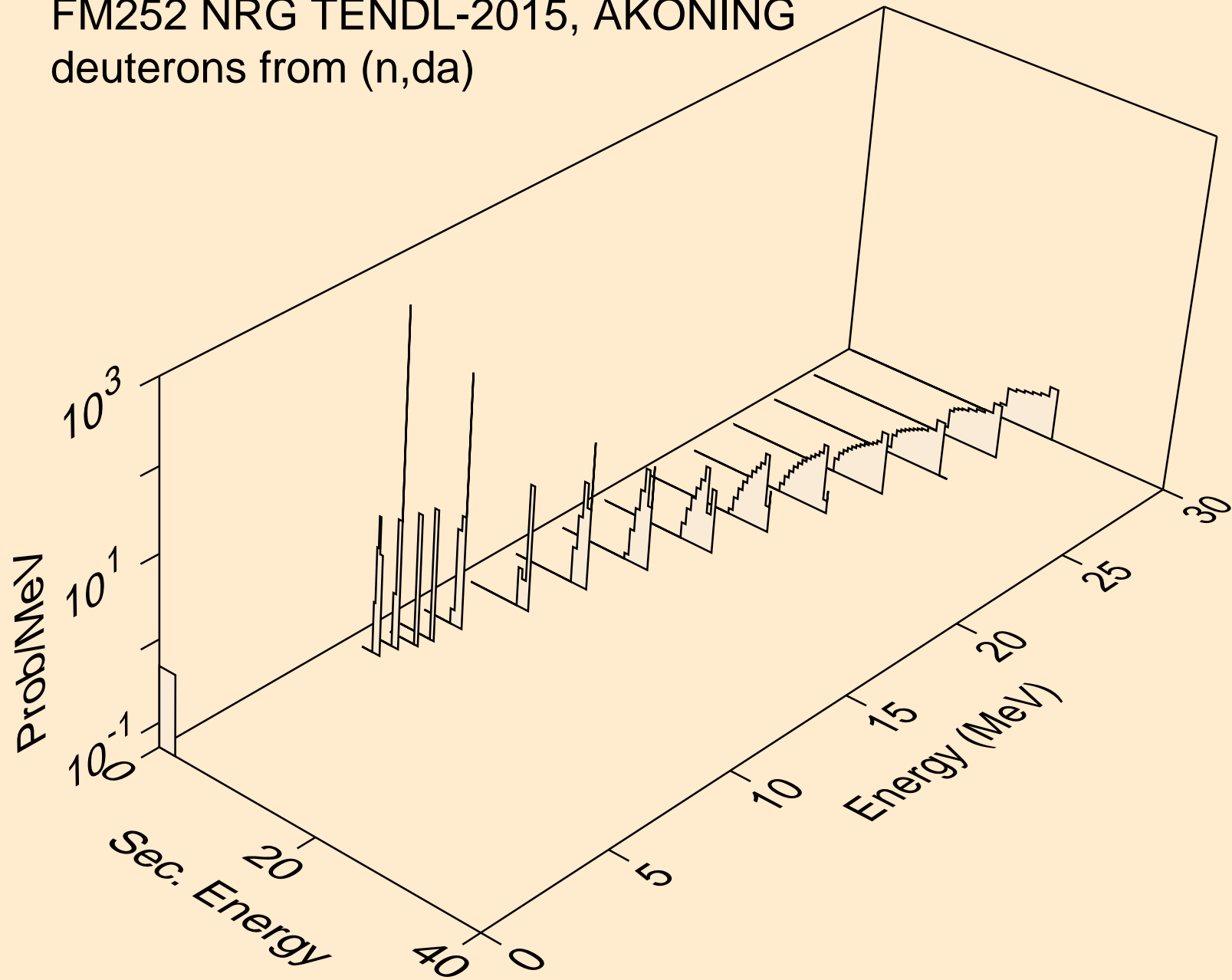
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deuterons from (n,n\*)d



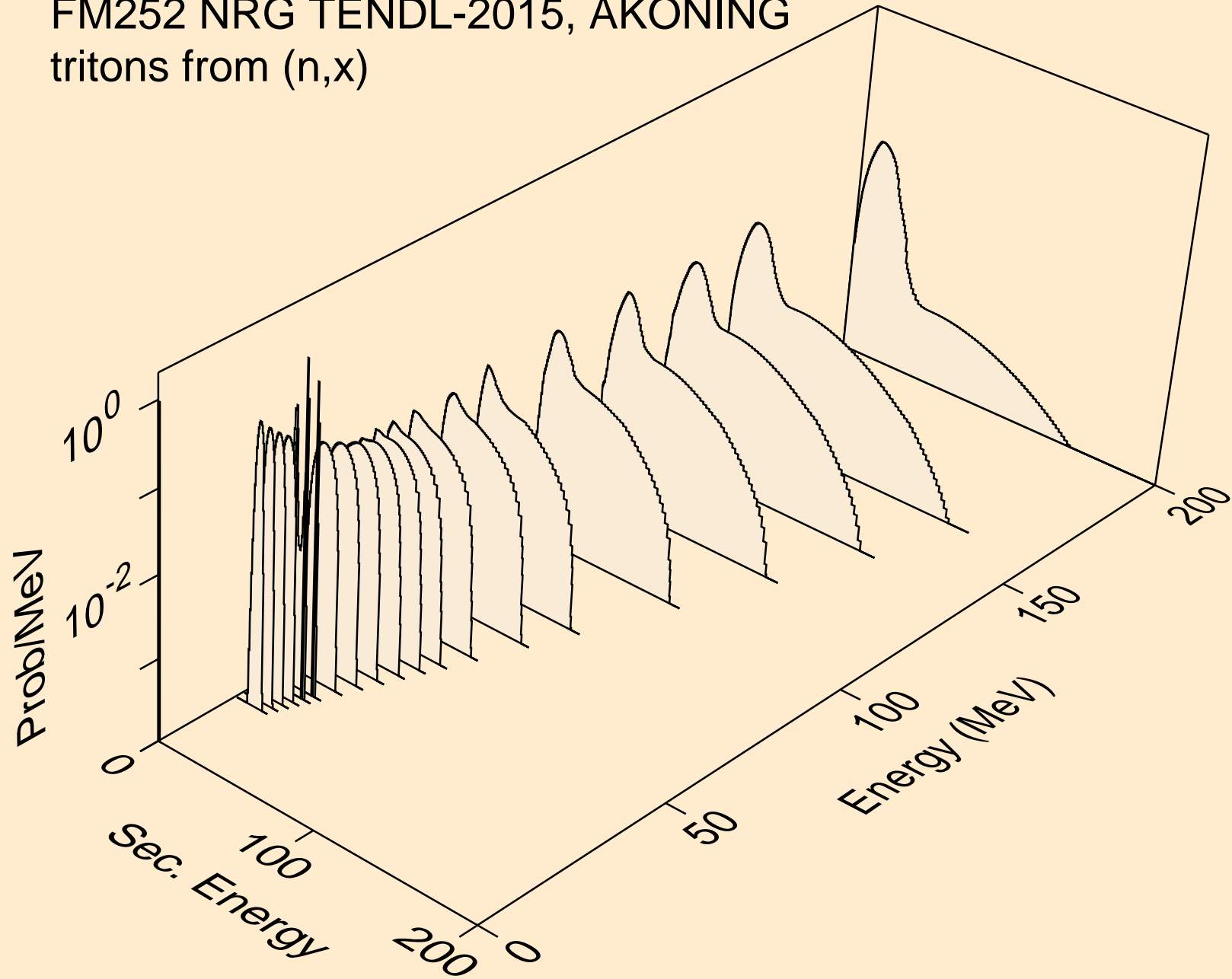
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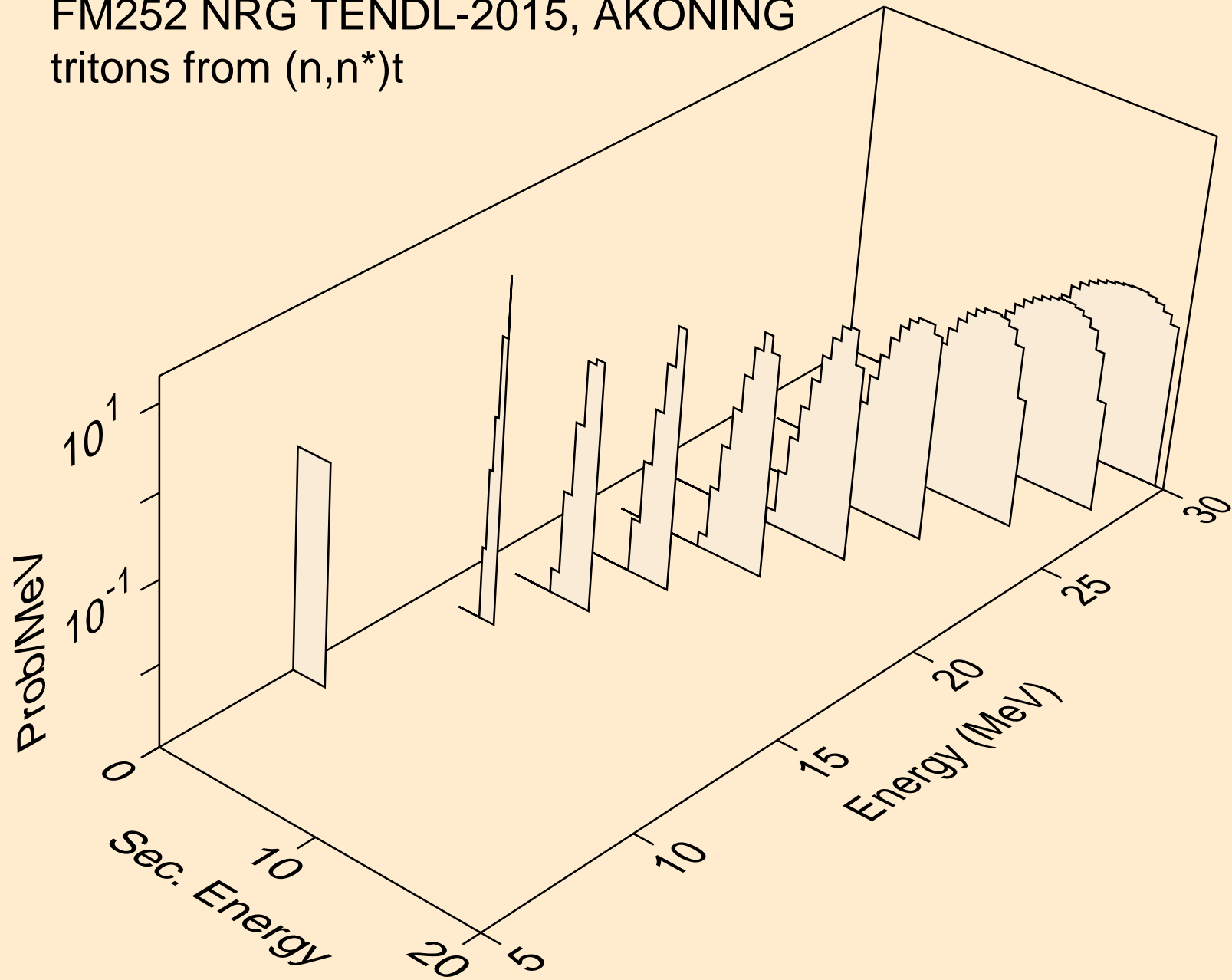
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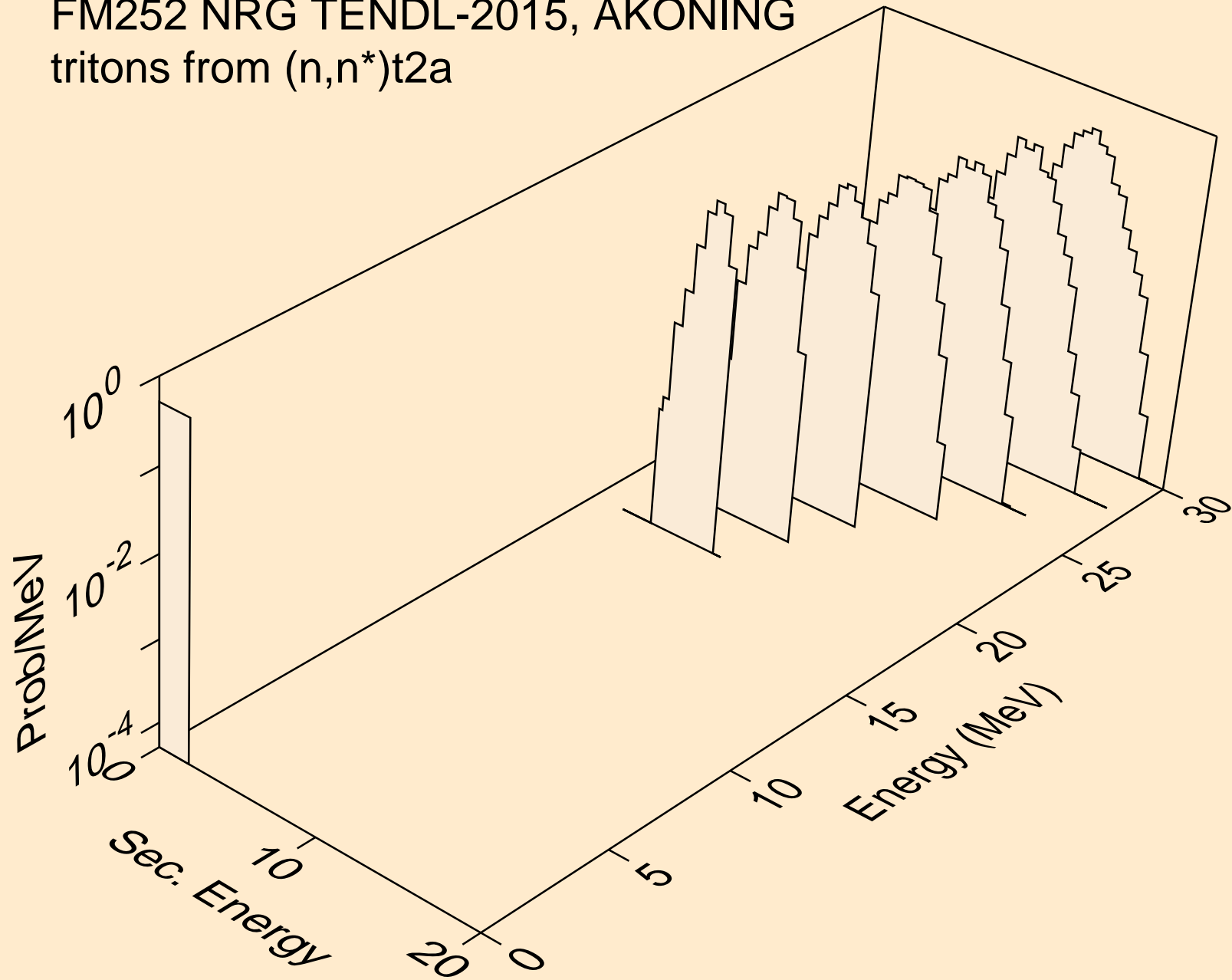
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tritons from (n,x)



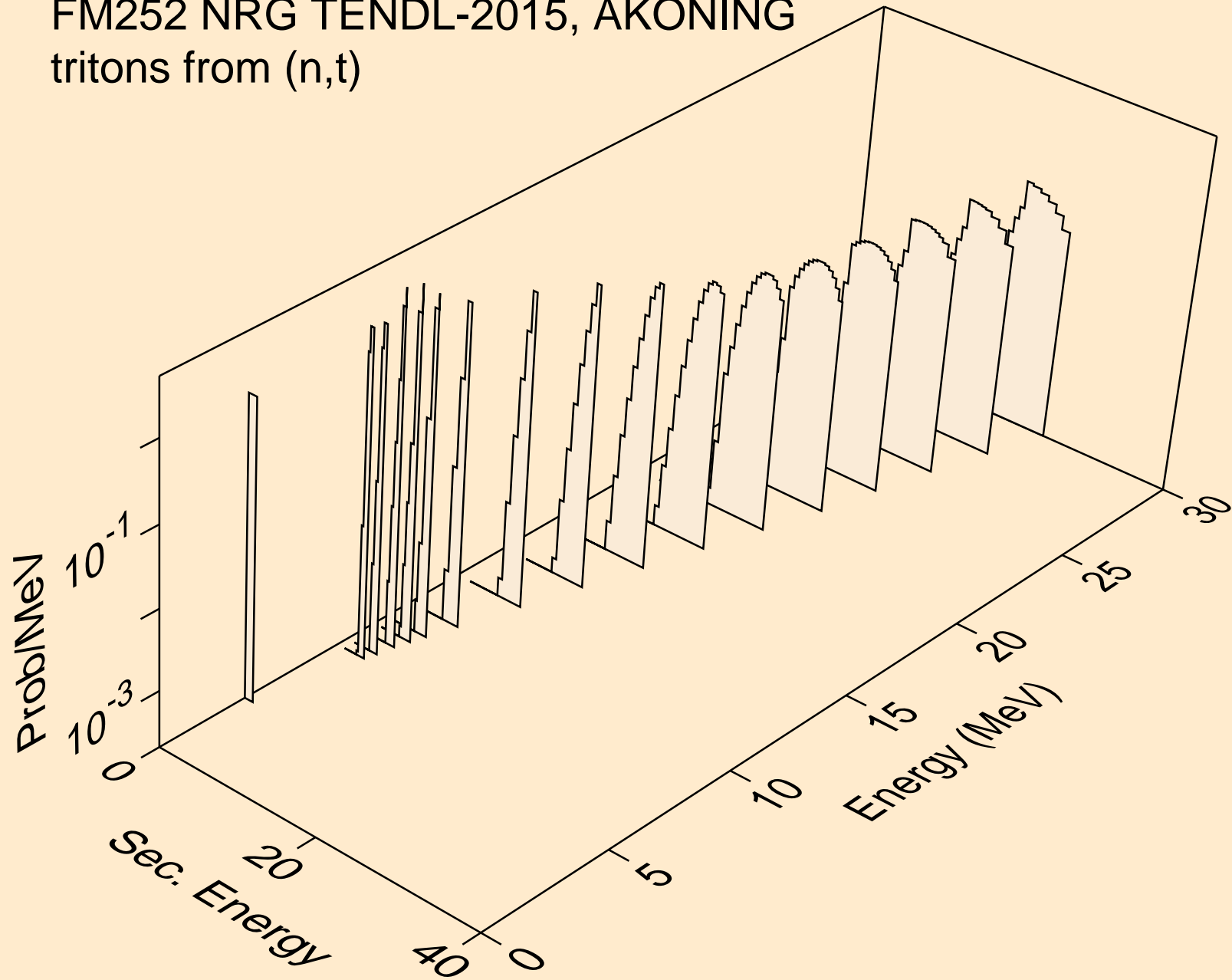
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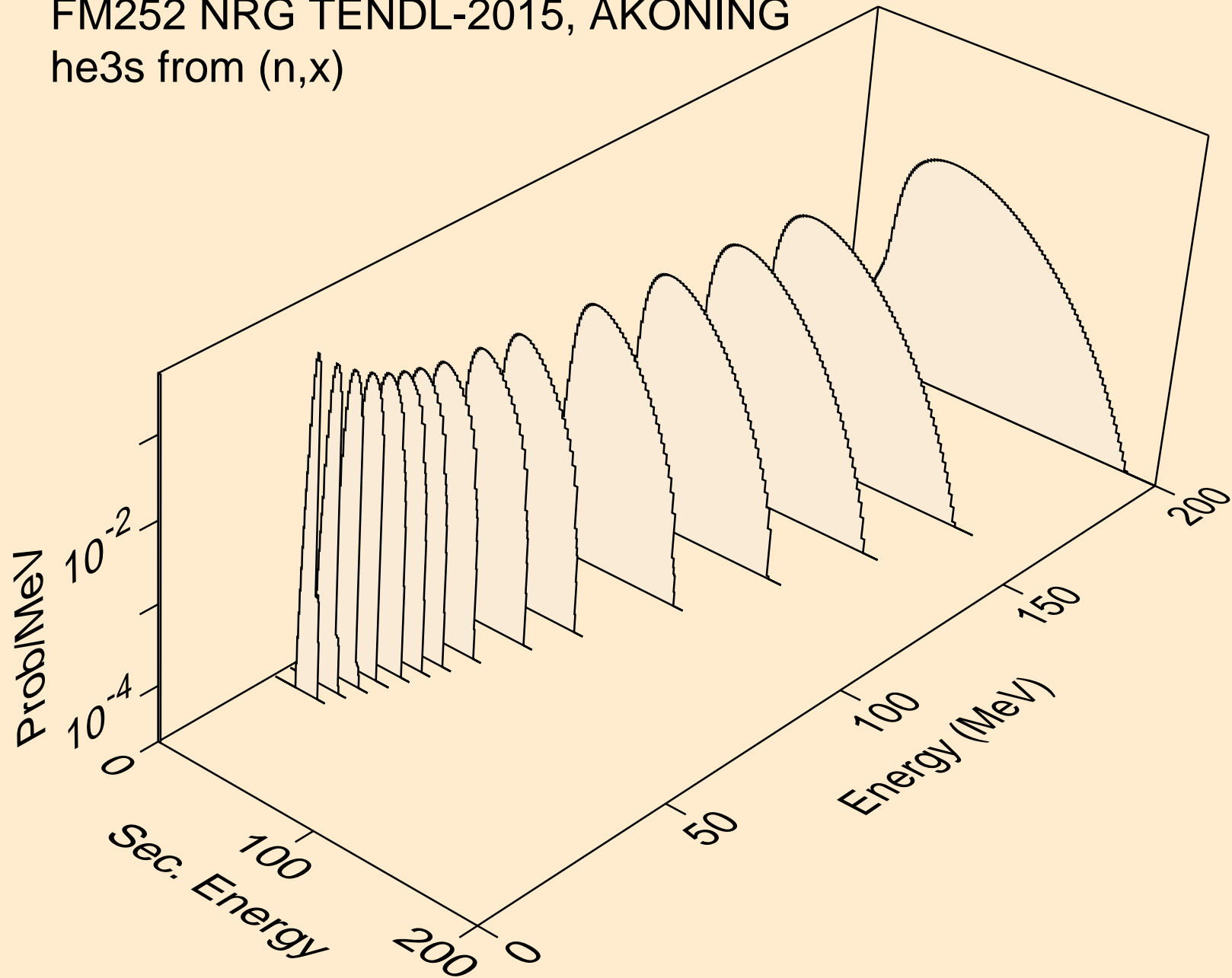
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tritons from (n,n\*)t2a



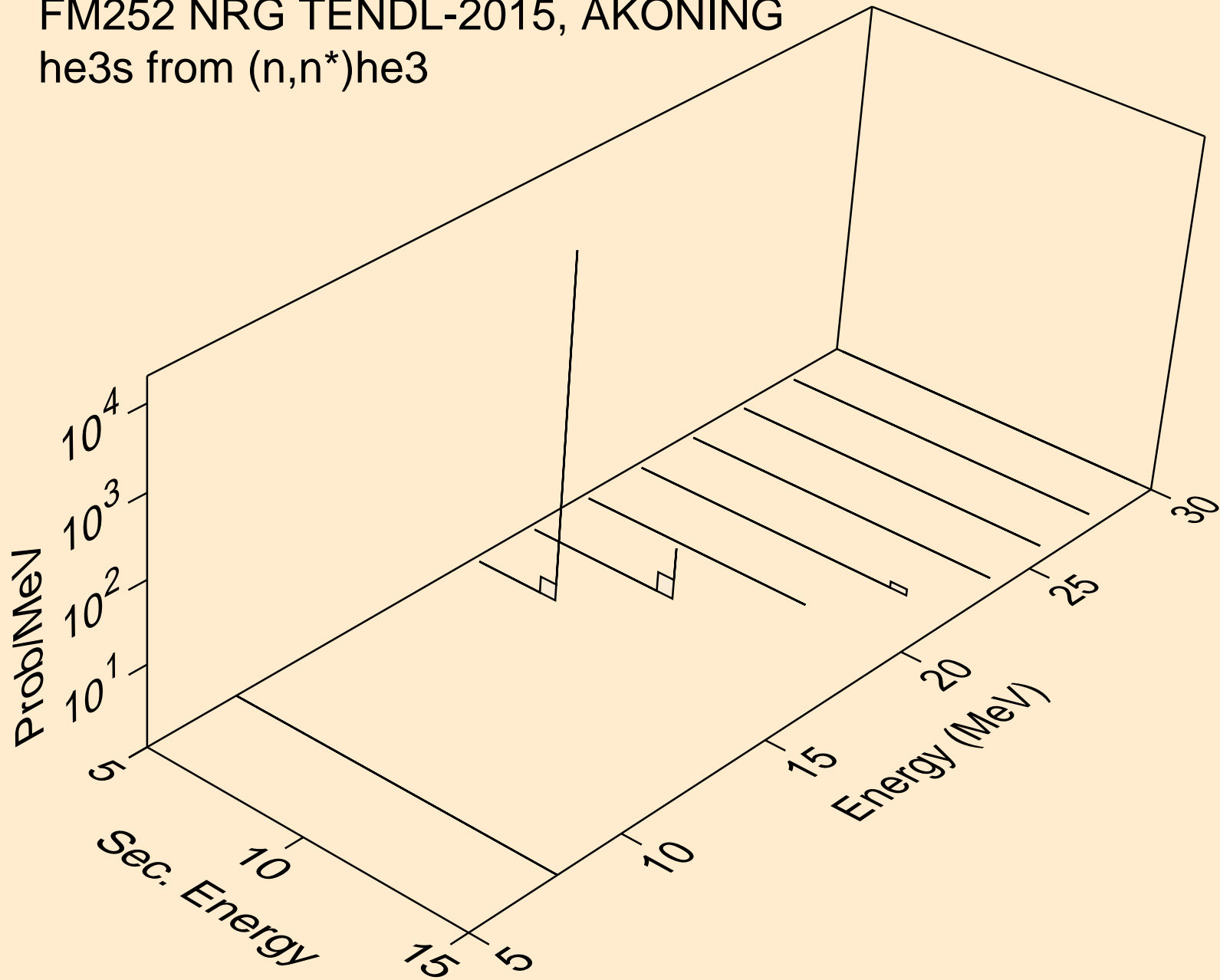
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tritons from (n,t)



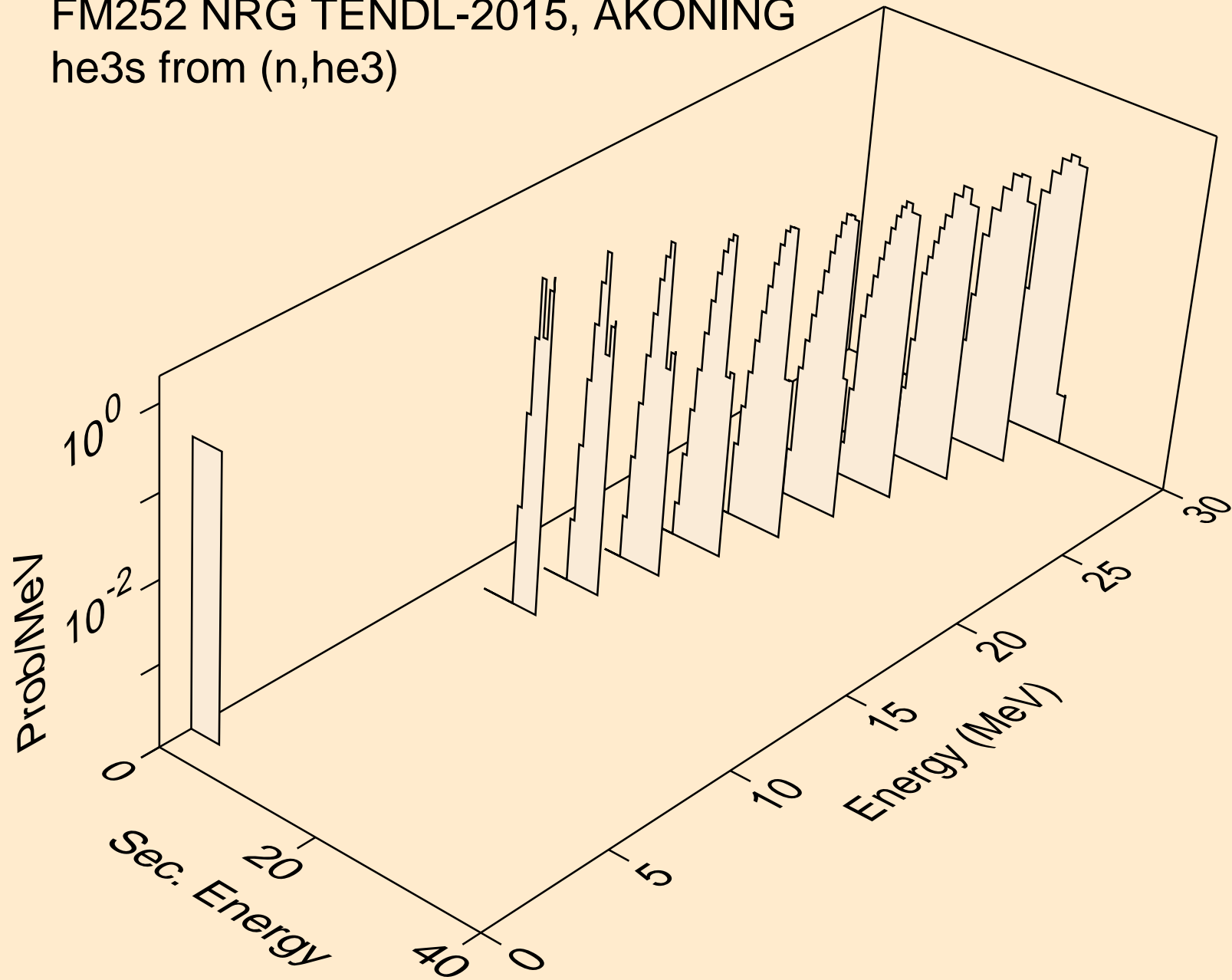
FM252 NRG TENDL-2015, AKONING  
he3s from (n,x)



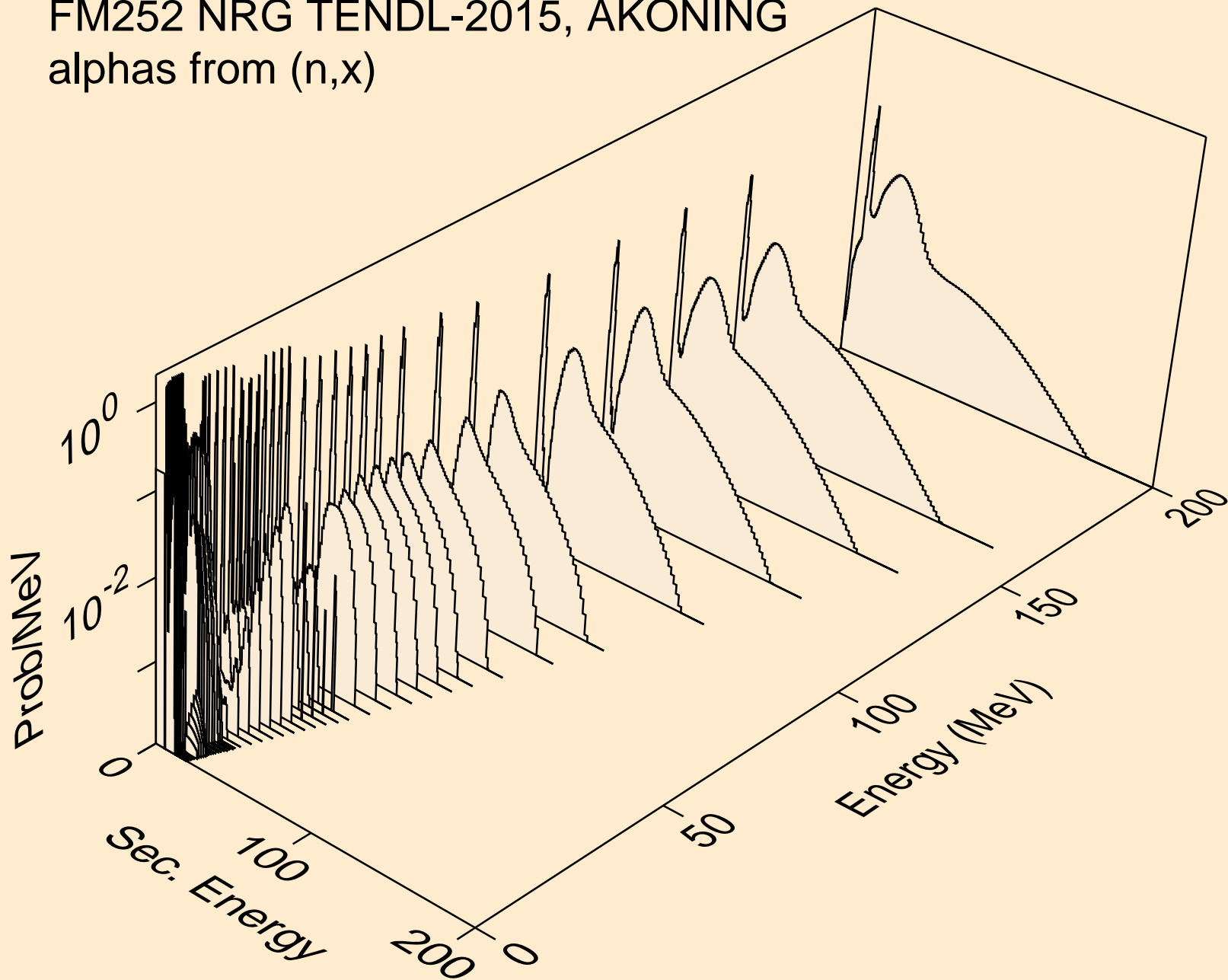
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he3s from (n,n\*)he3



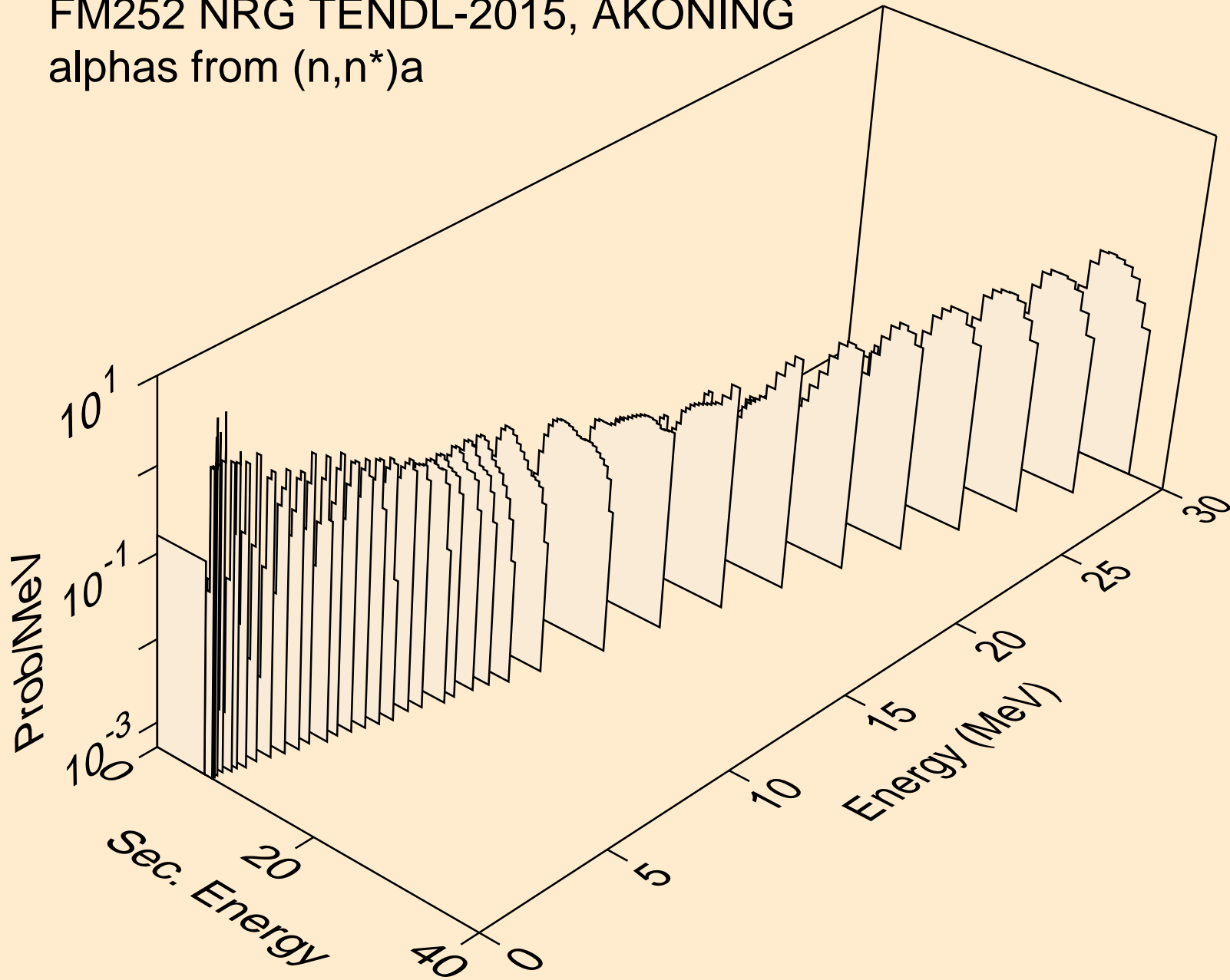
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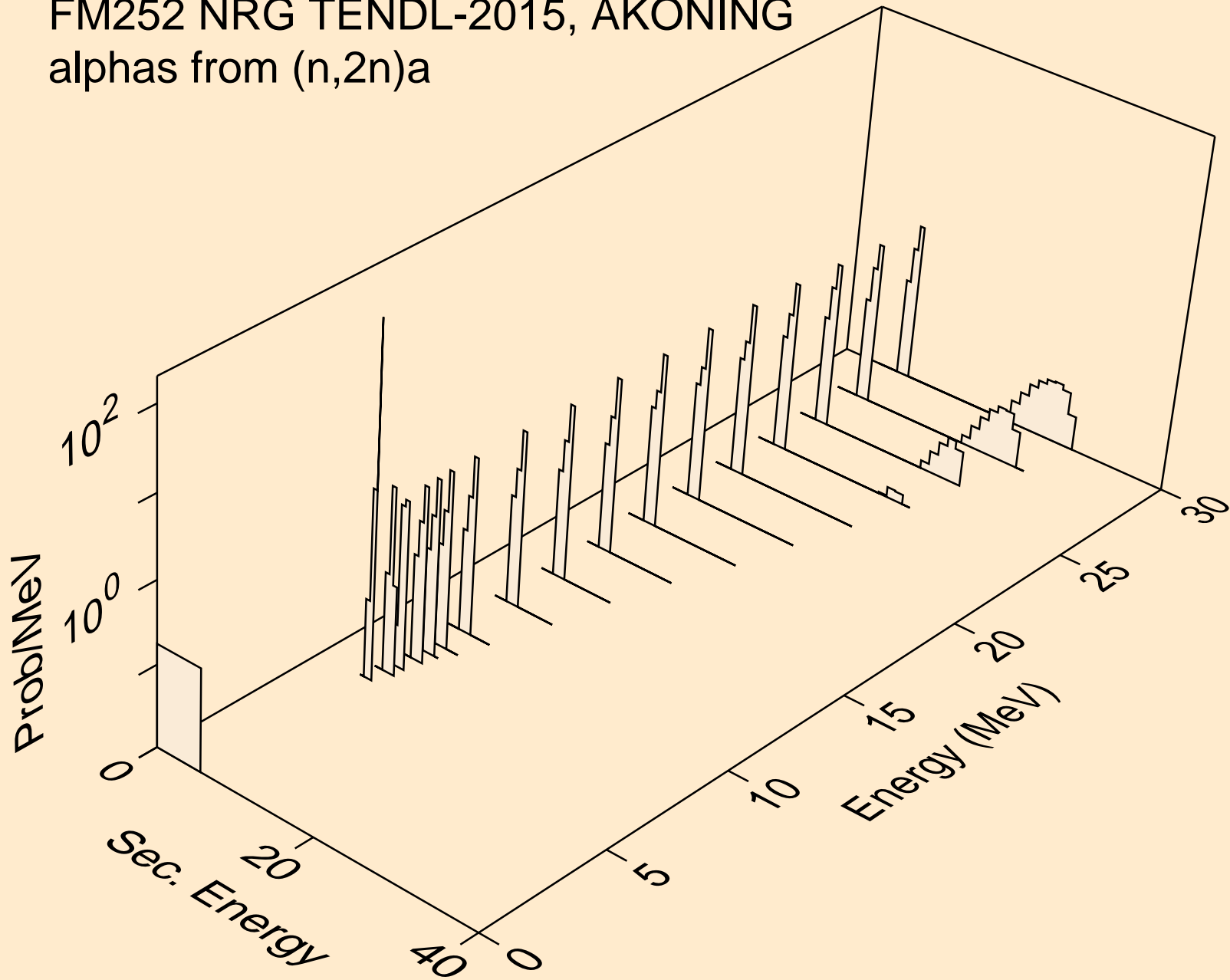
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alphas from (n,x)



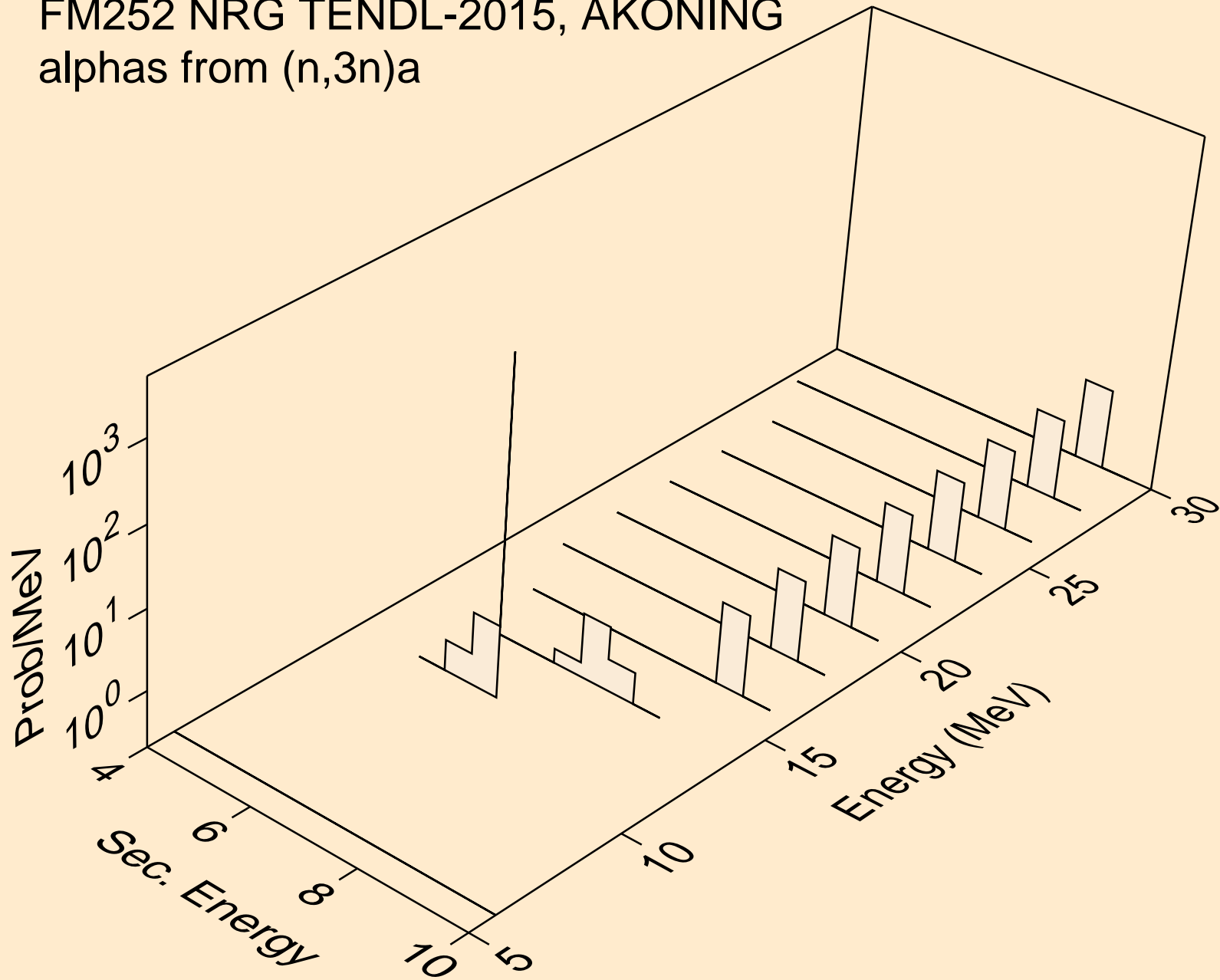
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alphas from (n,n\*)a



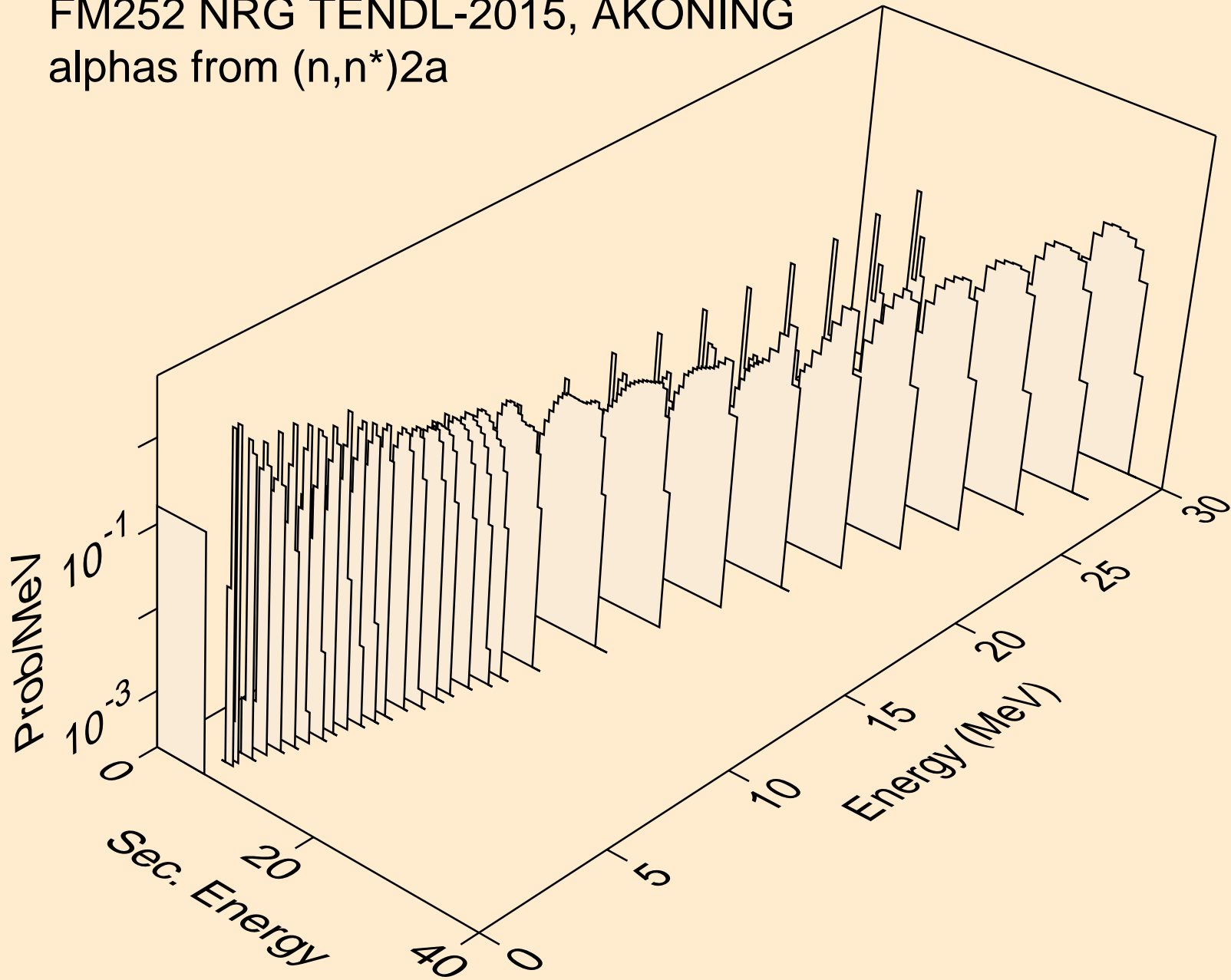
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alphas from (n,2n)a



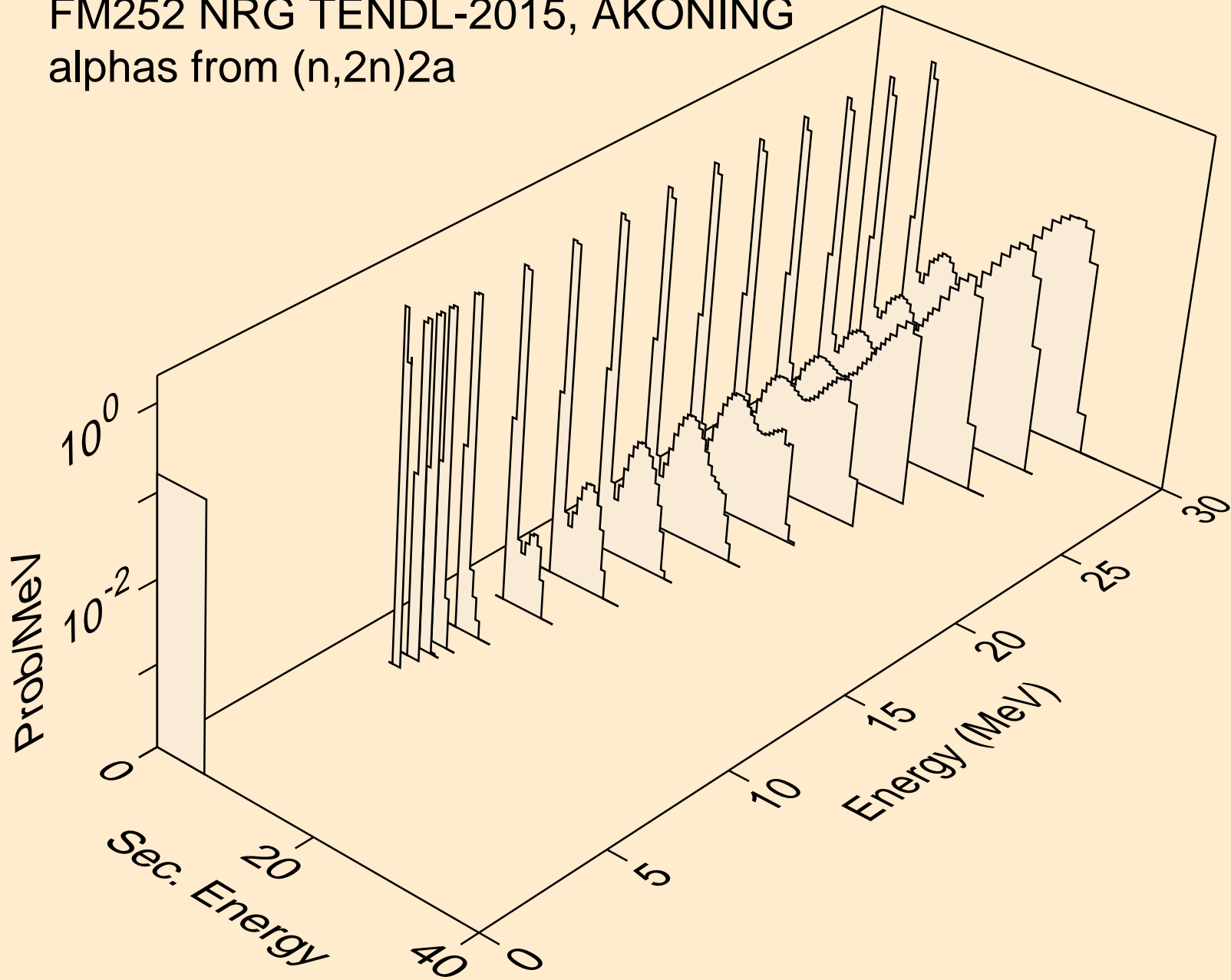
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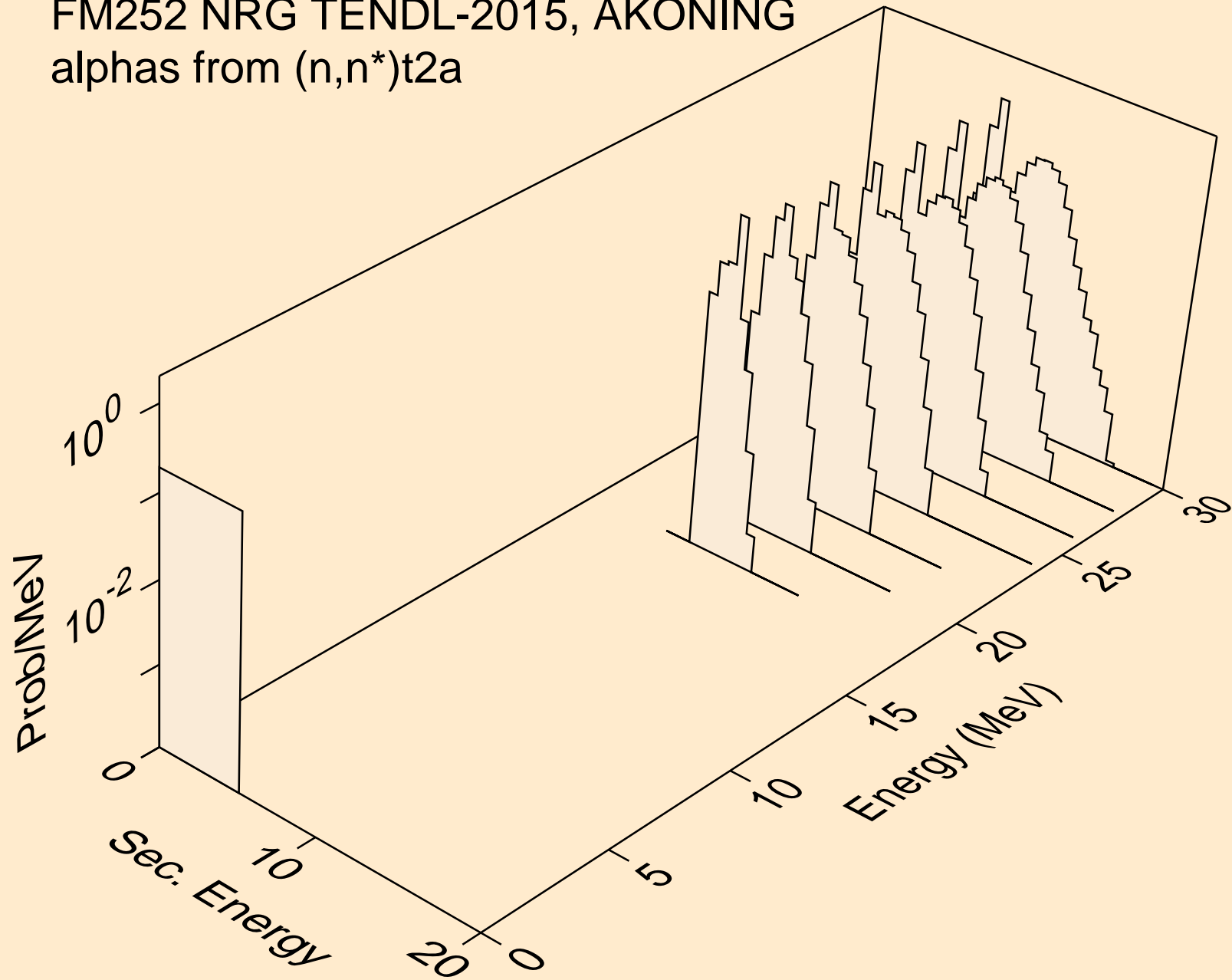
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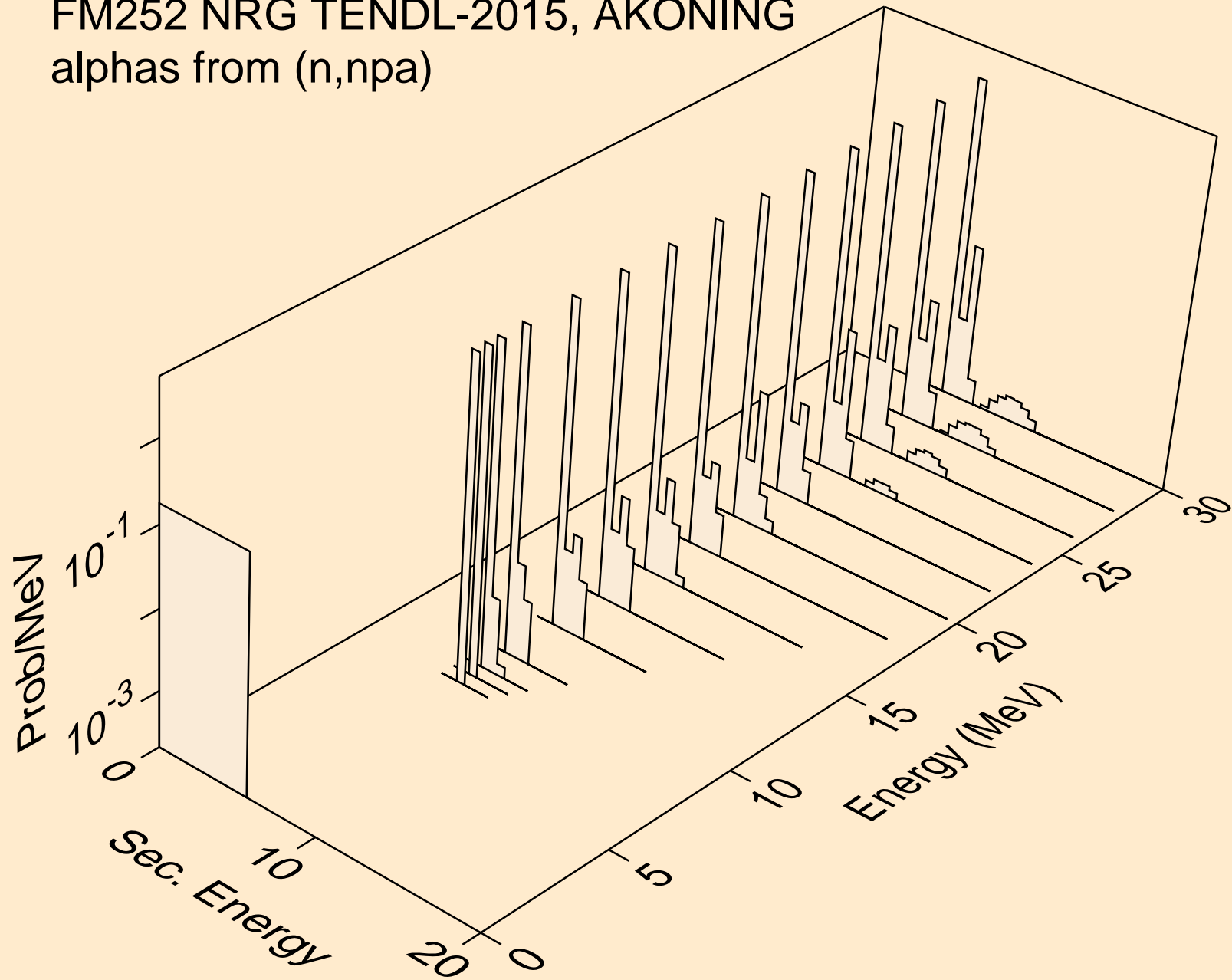
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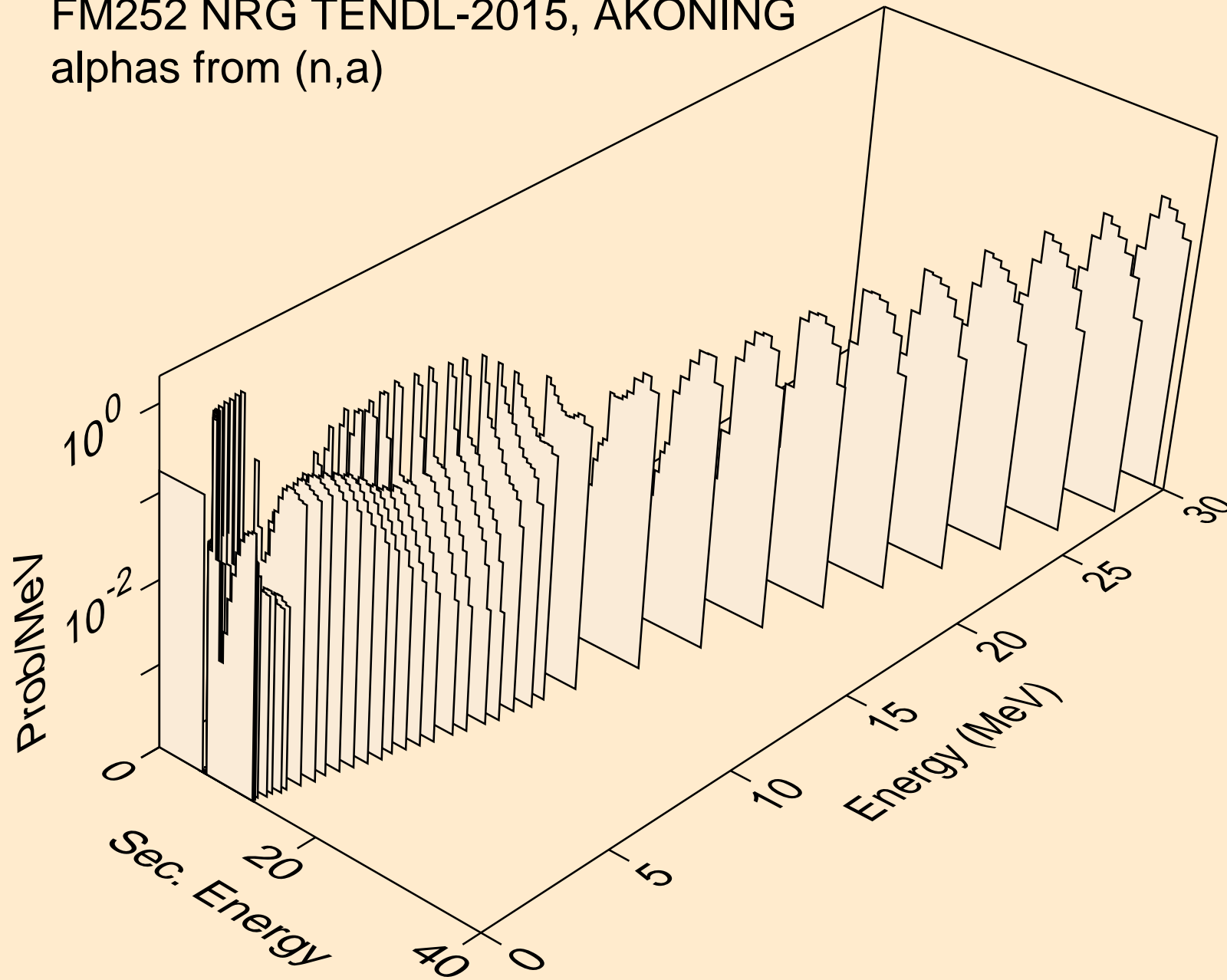
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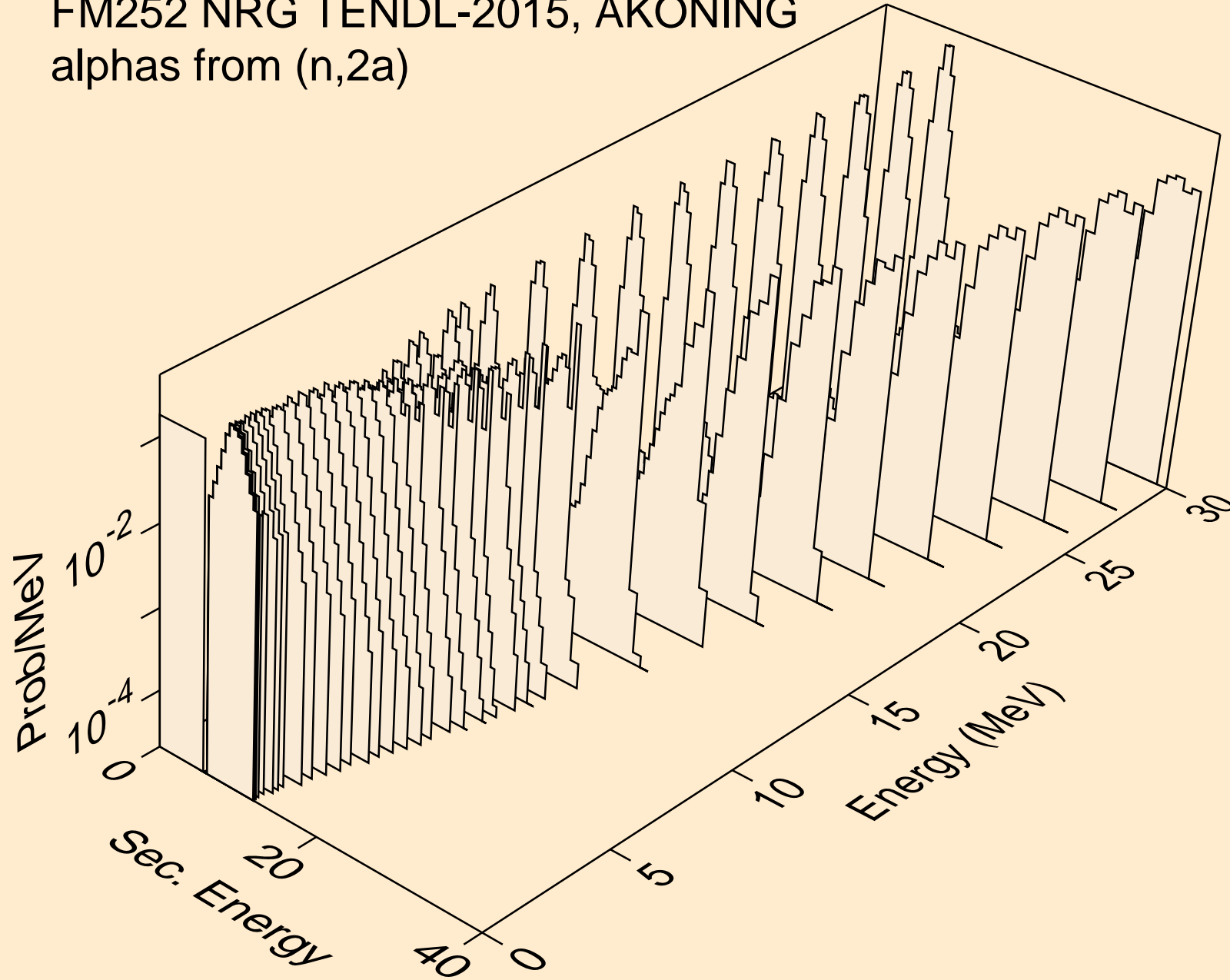
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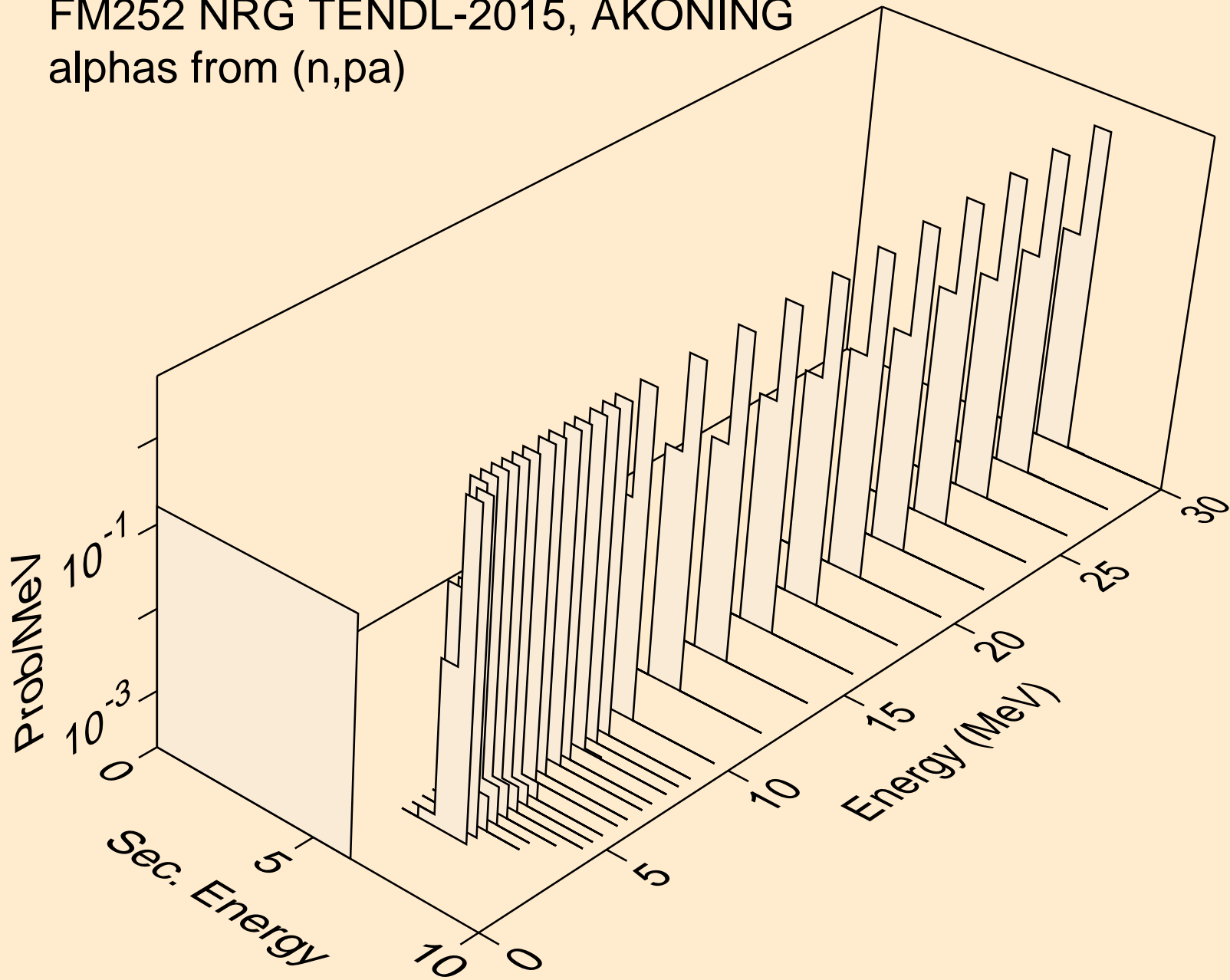
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alphas from (n,a)



FM252 NRG TENDL-2015, AKONING  
alphas from (n,2a)



FM252 NRG TENDL-2015, AKONING  
alphas from (n,pa)



FM252 NRG TENDL-2015, AKONING  
alphas from (n,da)

