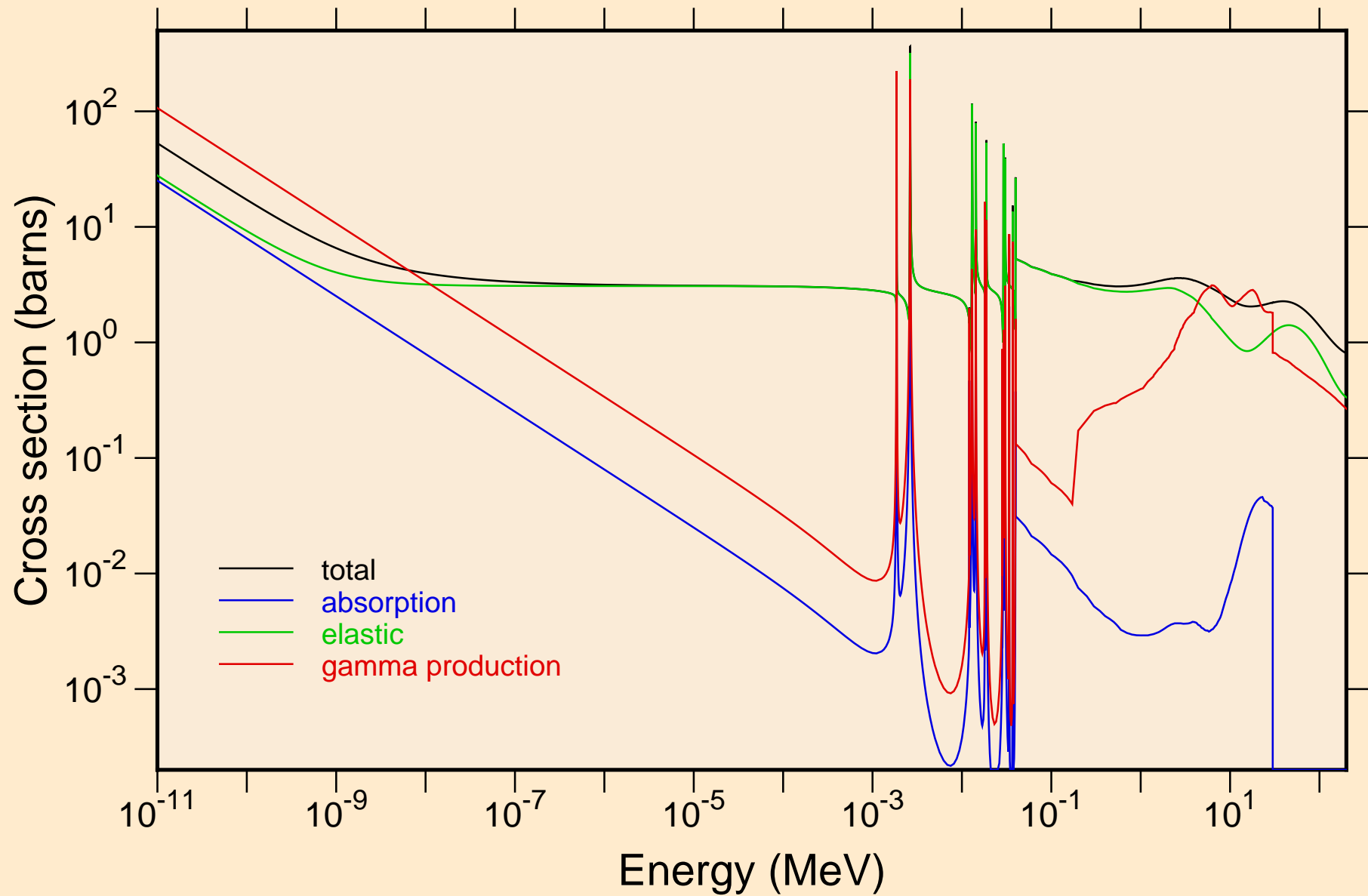


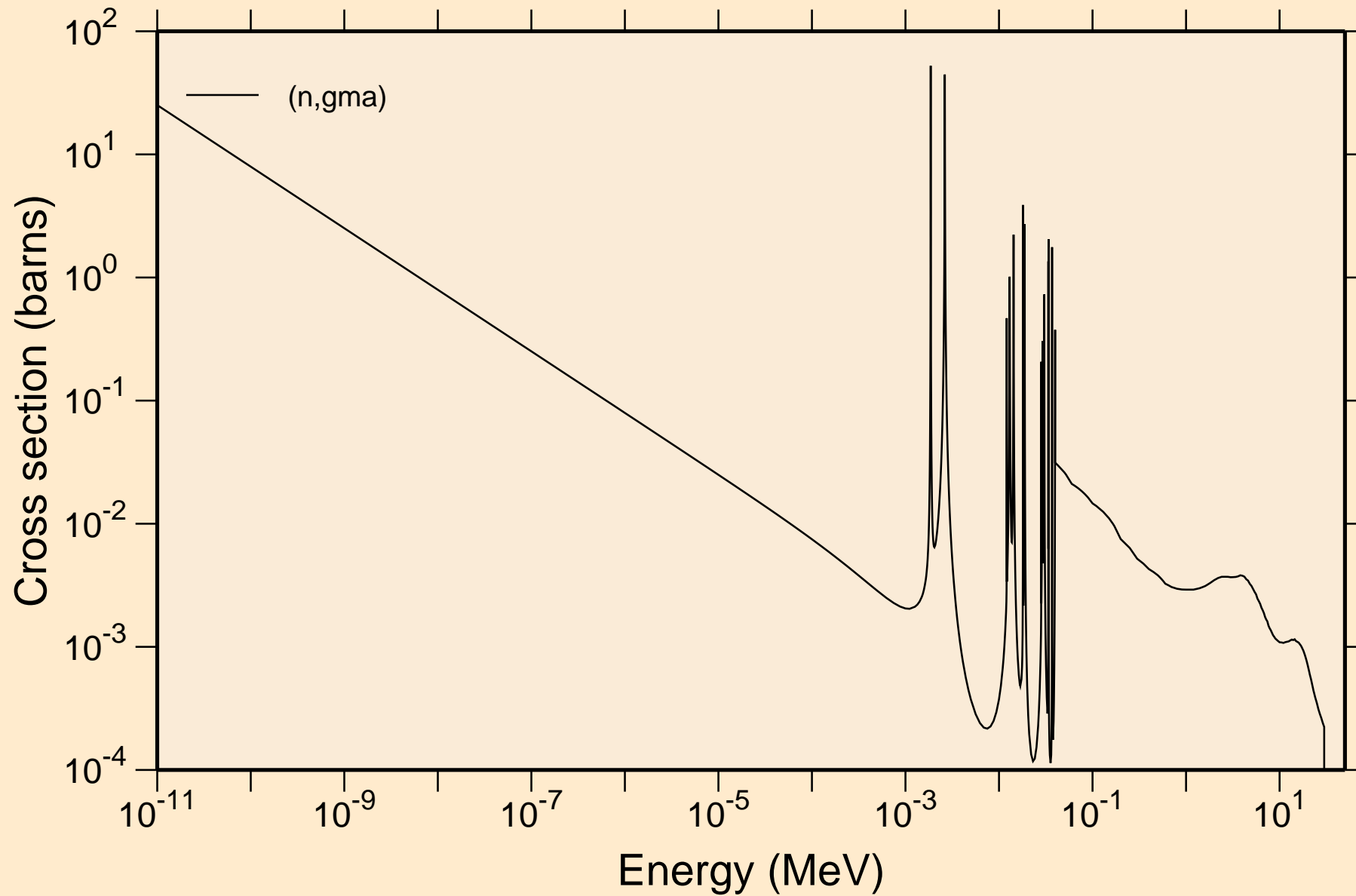
# AR041 NRG TENDL-2015, AKONING

## Principal cross sections



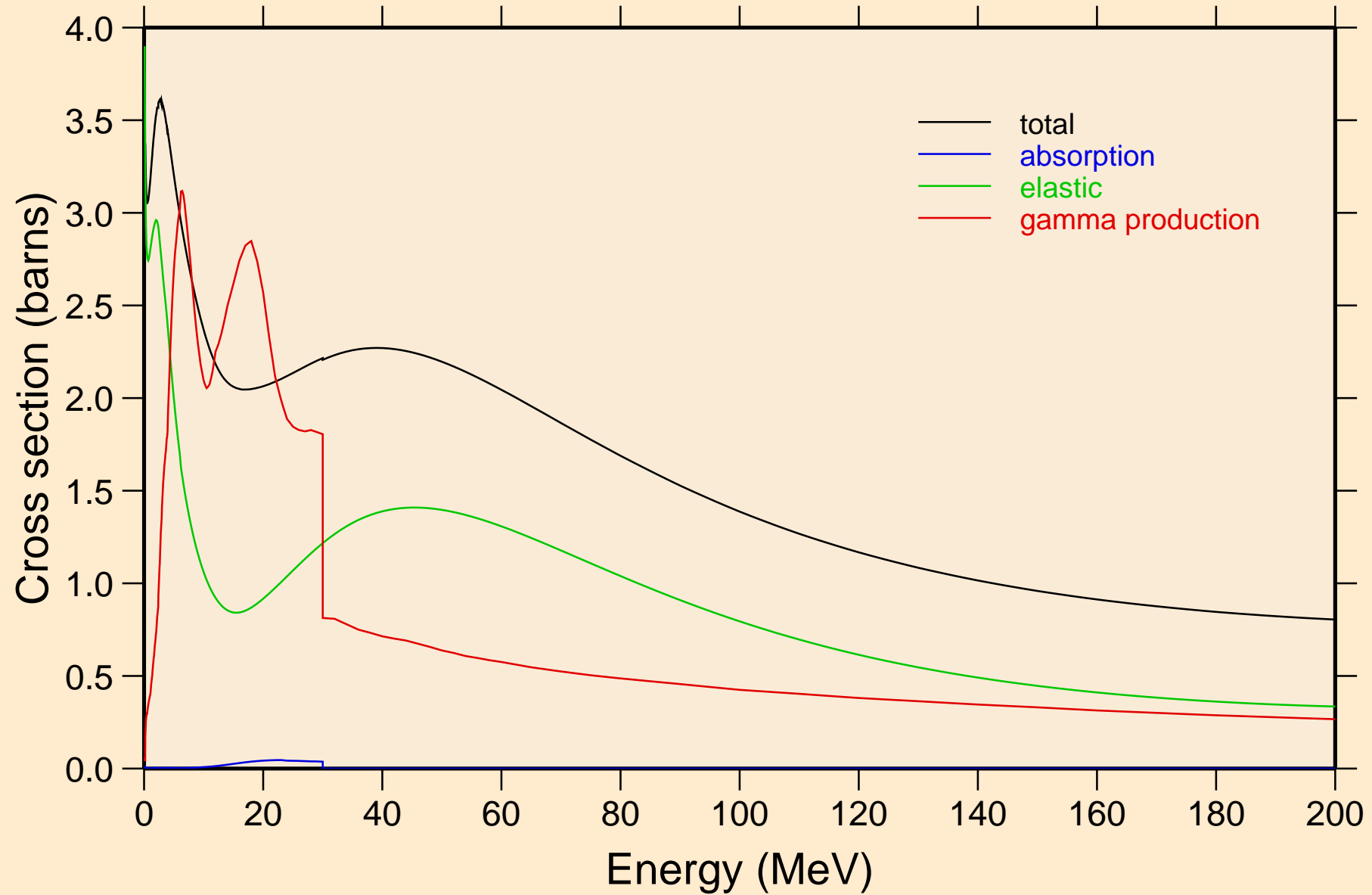
# AR041 NRG TENDL-2015, AKONING

## Non-threshold reactions

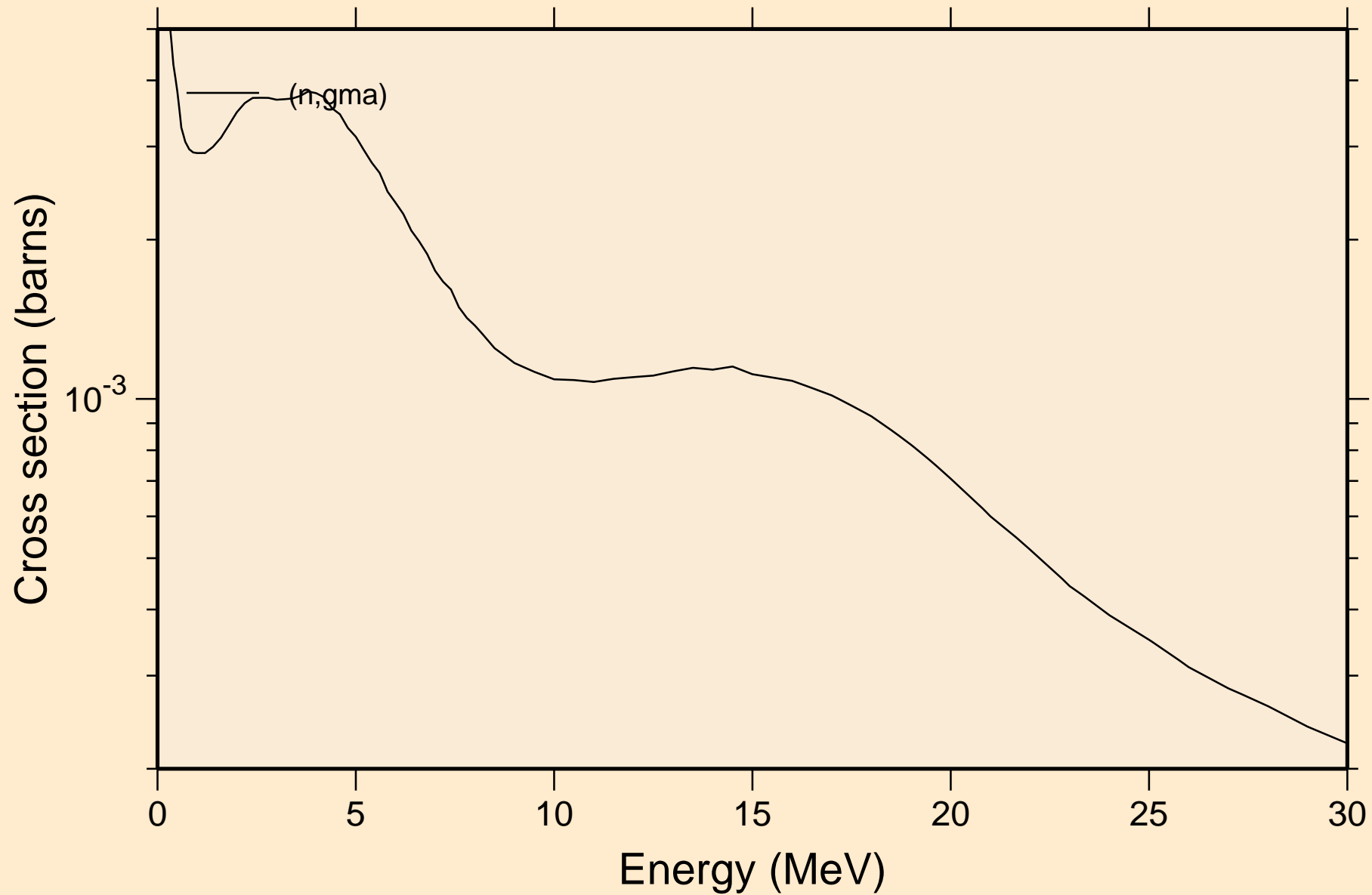


# AR041 NRG TENDL-2015, AKONING

## Principal cross sections

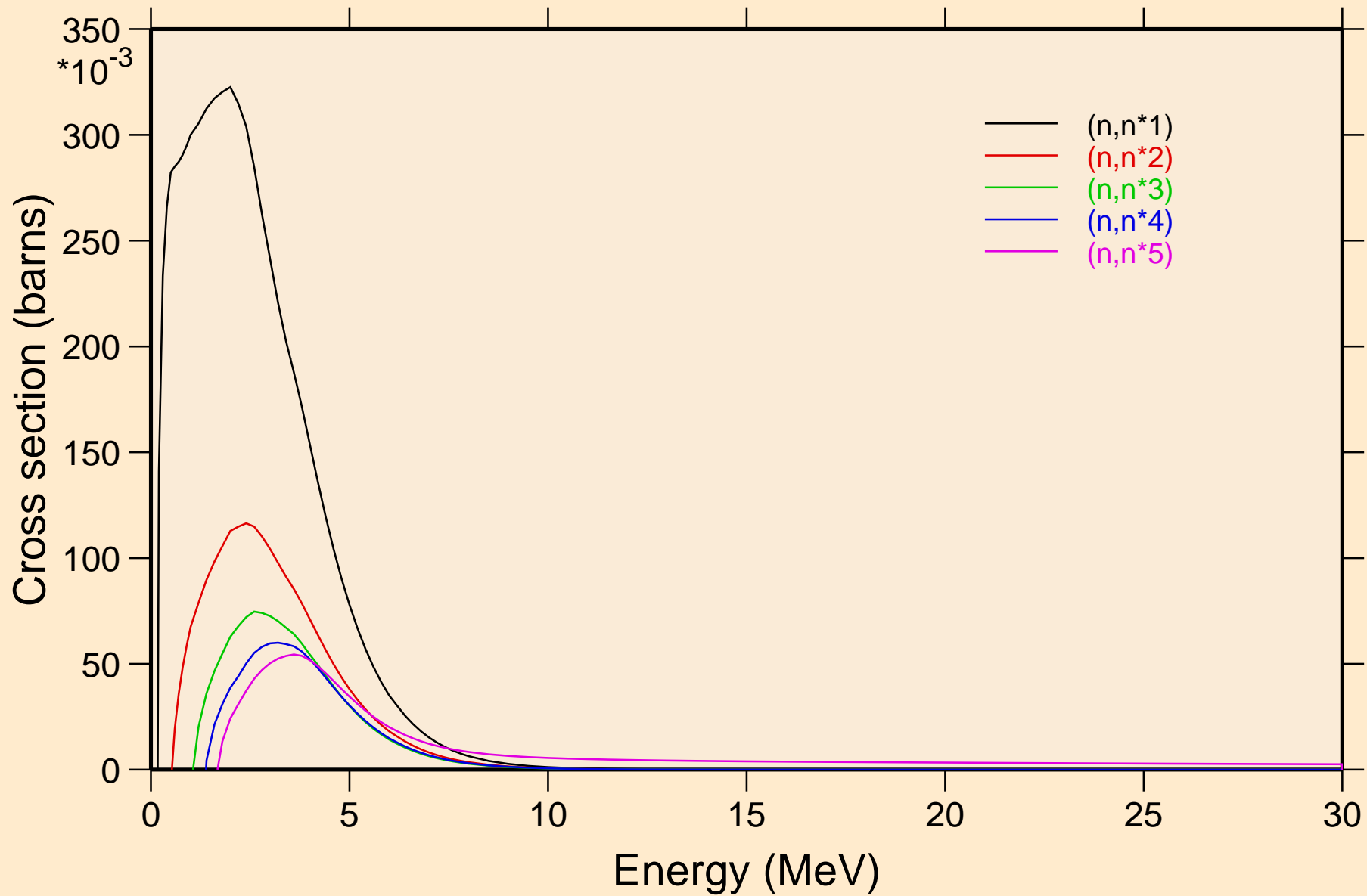


AR041 NRG TENDL-2015, AKONING  
Non-threshold reactions



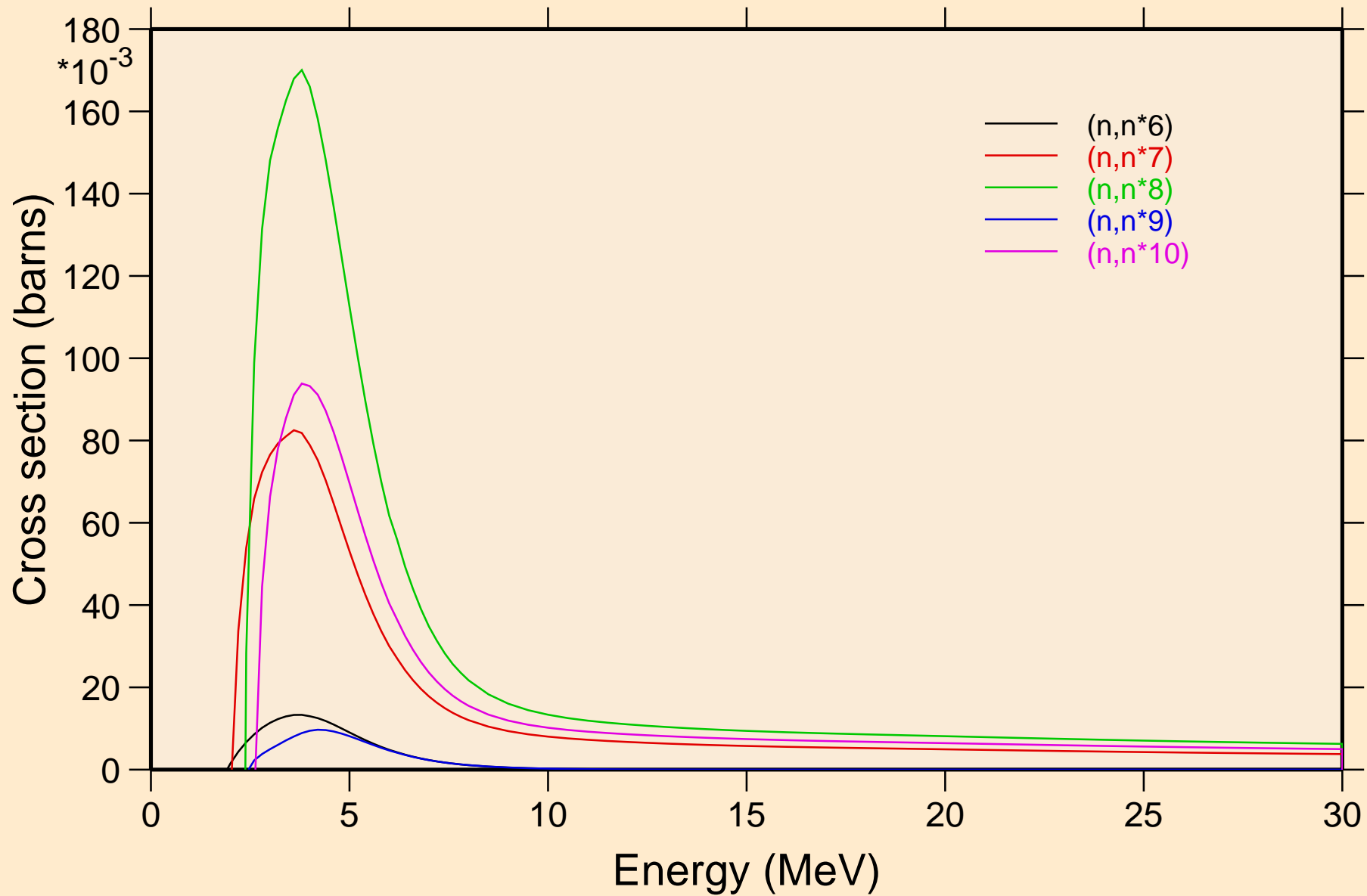
# AR041 NRG TENDL-2015, AKONING

## Inelastic levels



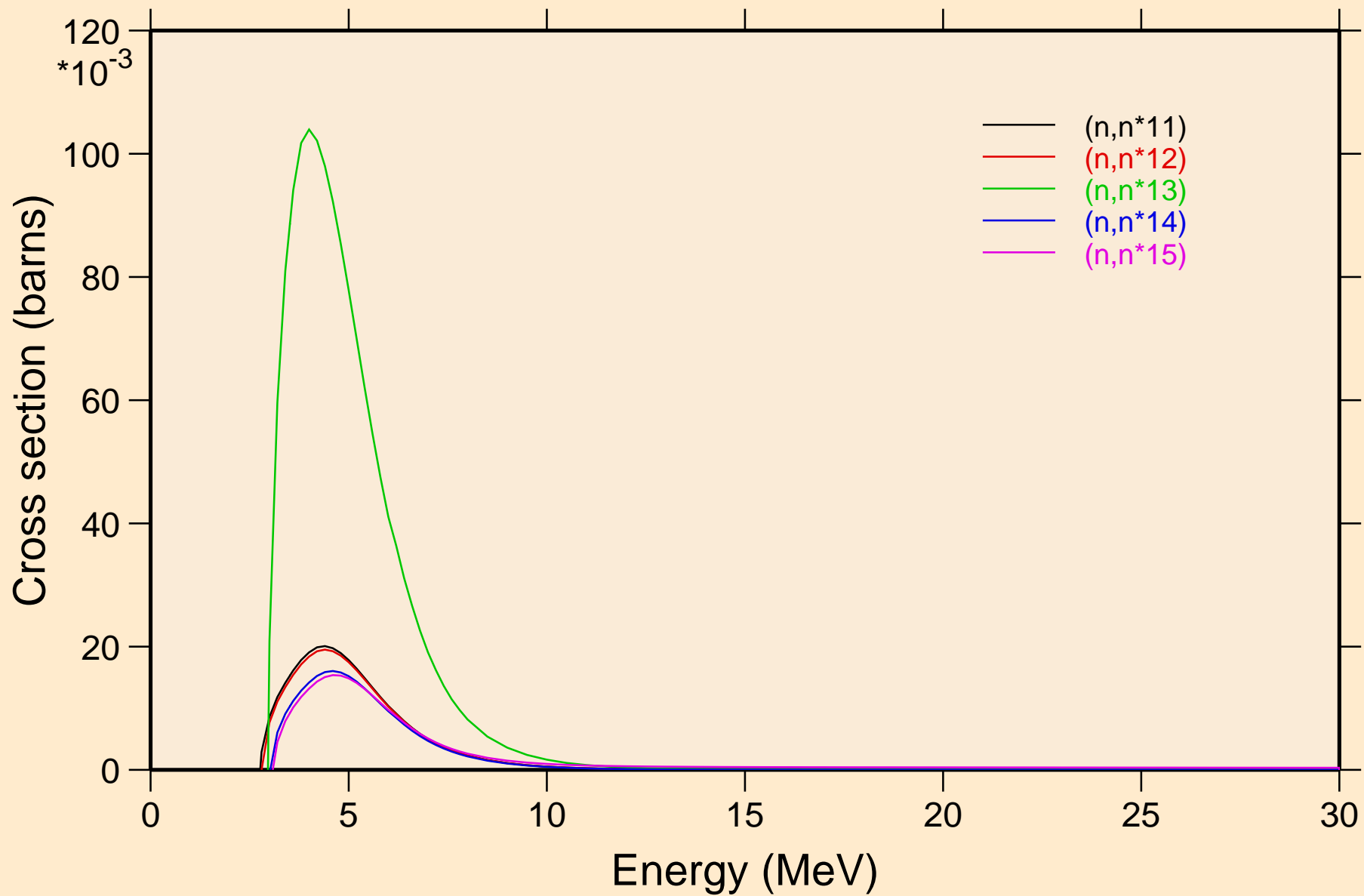
# AR041 NRG TENDL-2015, AKONING

## Inelastic levels



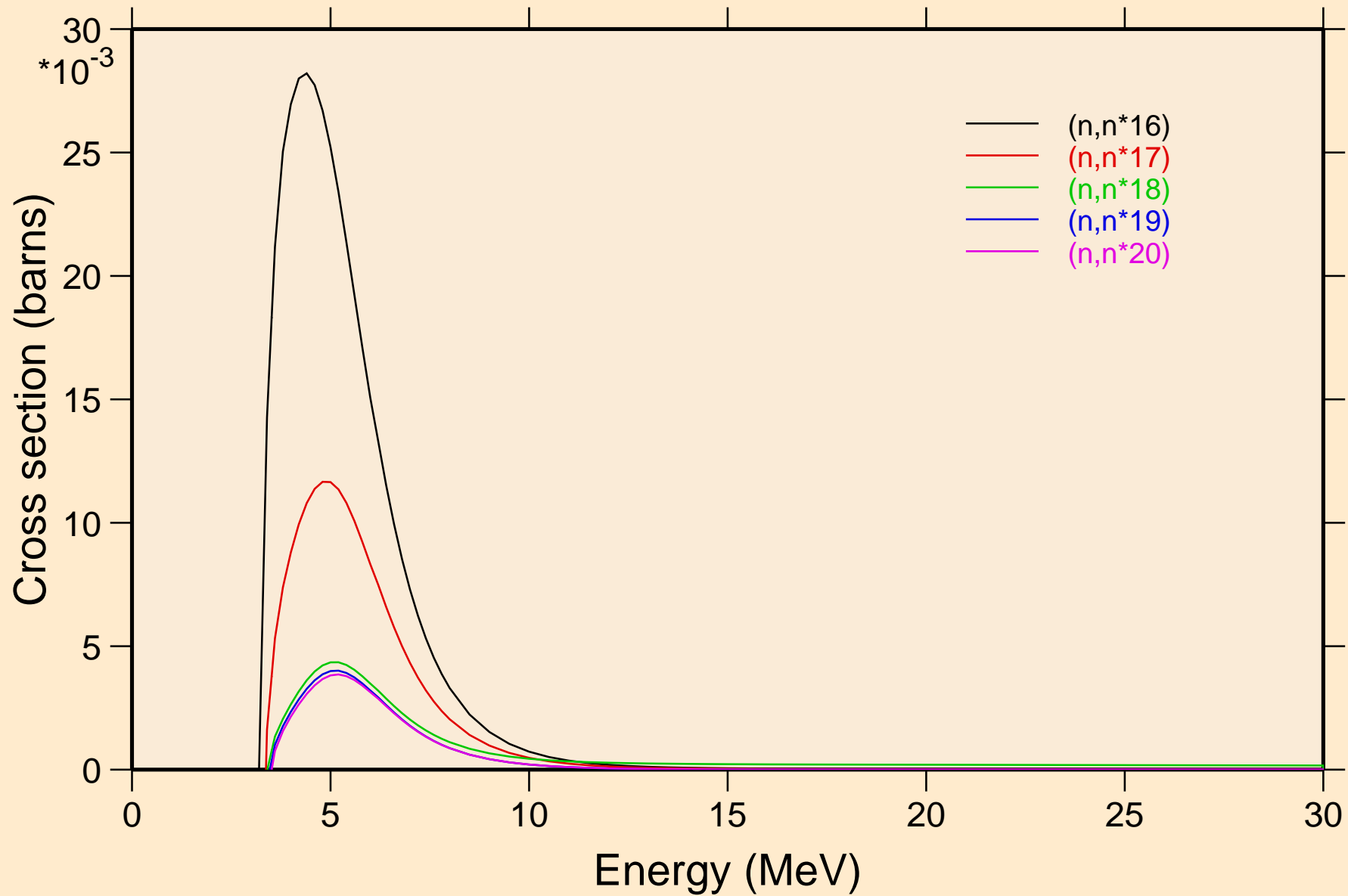
# AR041 NRG TENDL-2015, AKONING

## Inelastic levels



# AR041 NRG TENDL-2015, AKONING

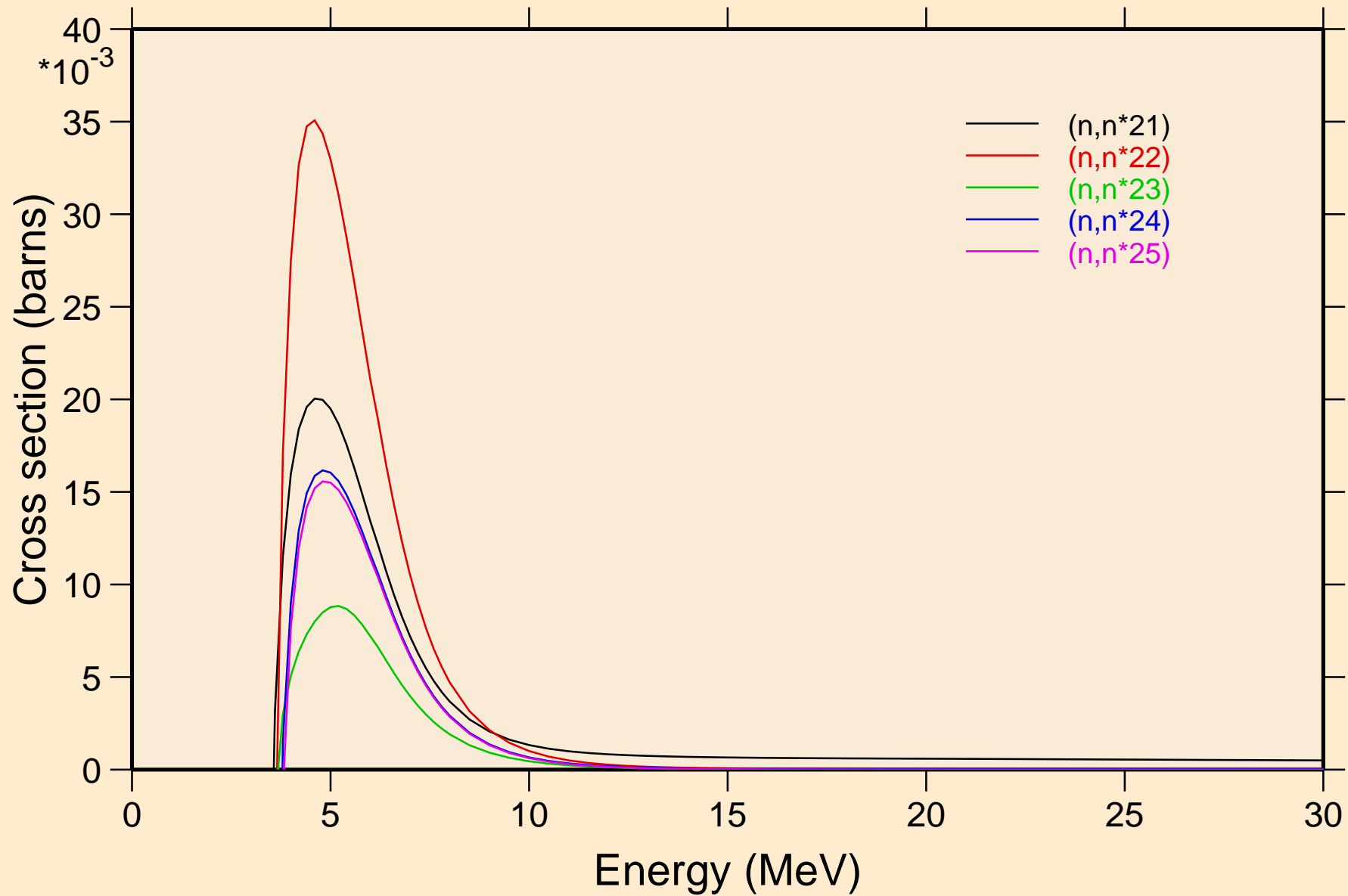
## Inelastic levels





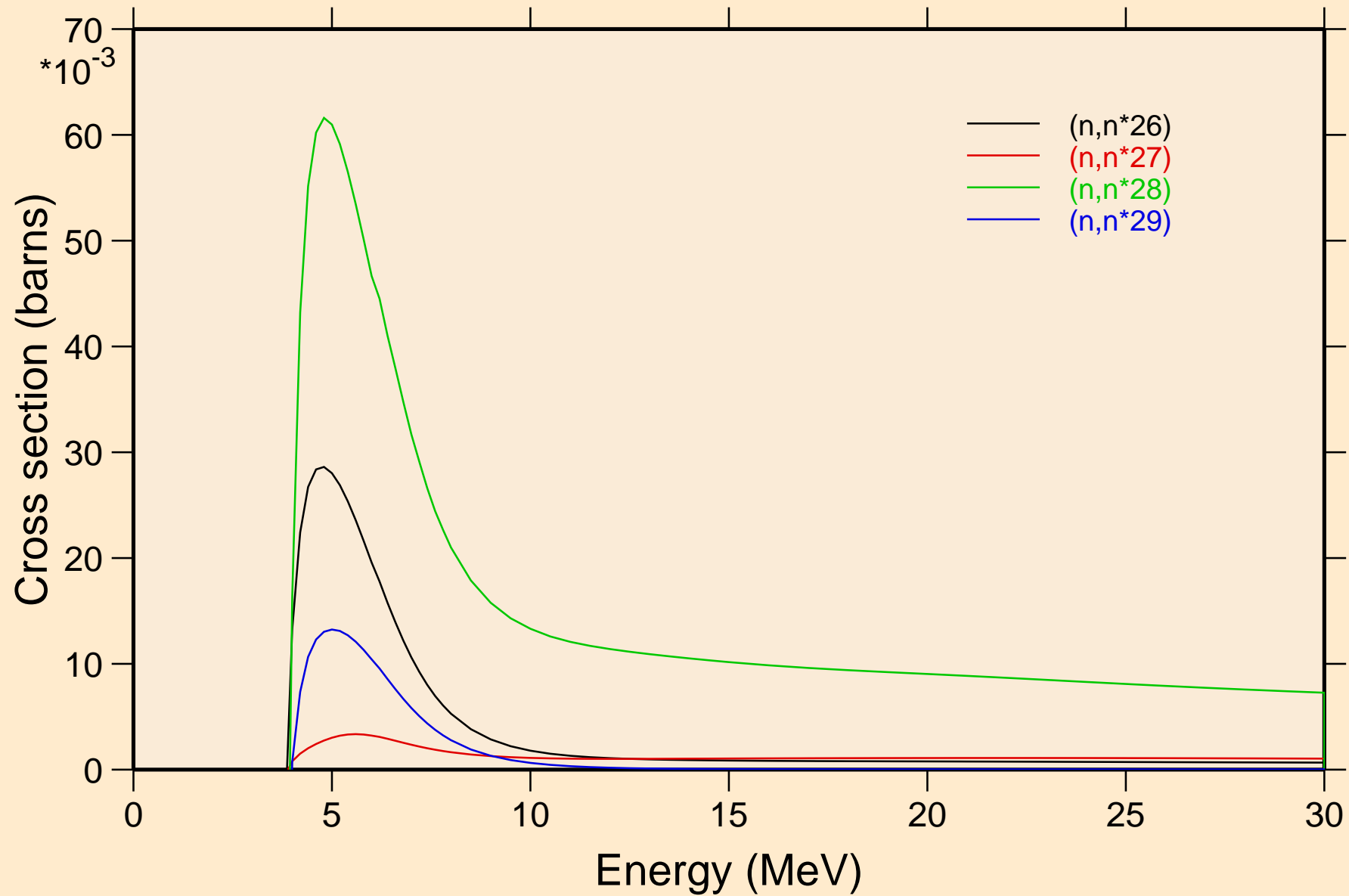
# AR041 NRG TENDL-2015, AKONING

## Inelastic levels



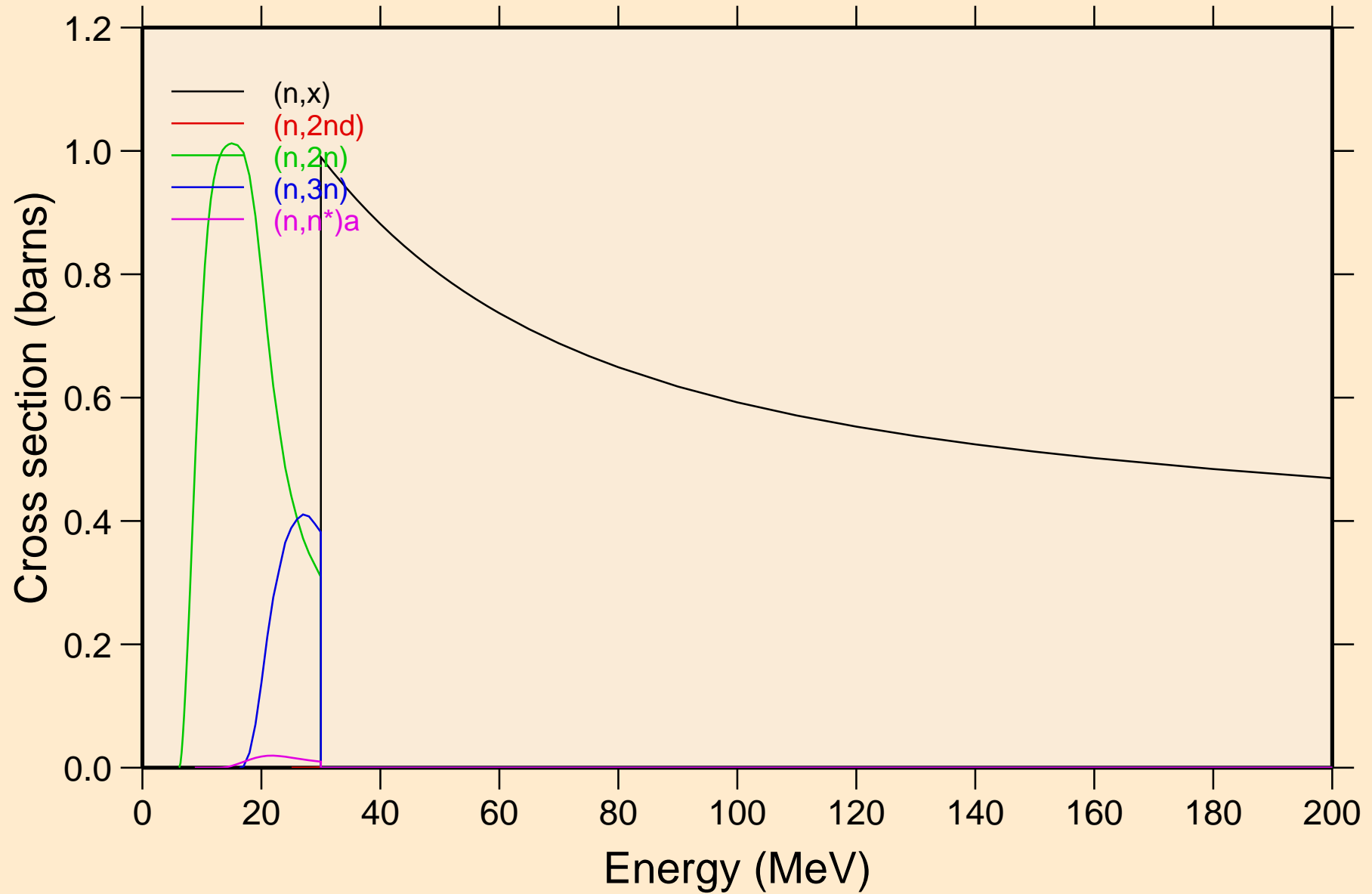
# AR041 NRG TENDL-2015, AKONING

## Inelastic levels



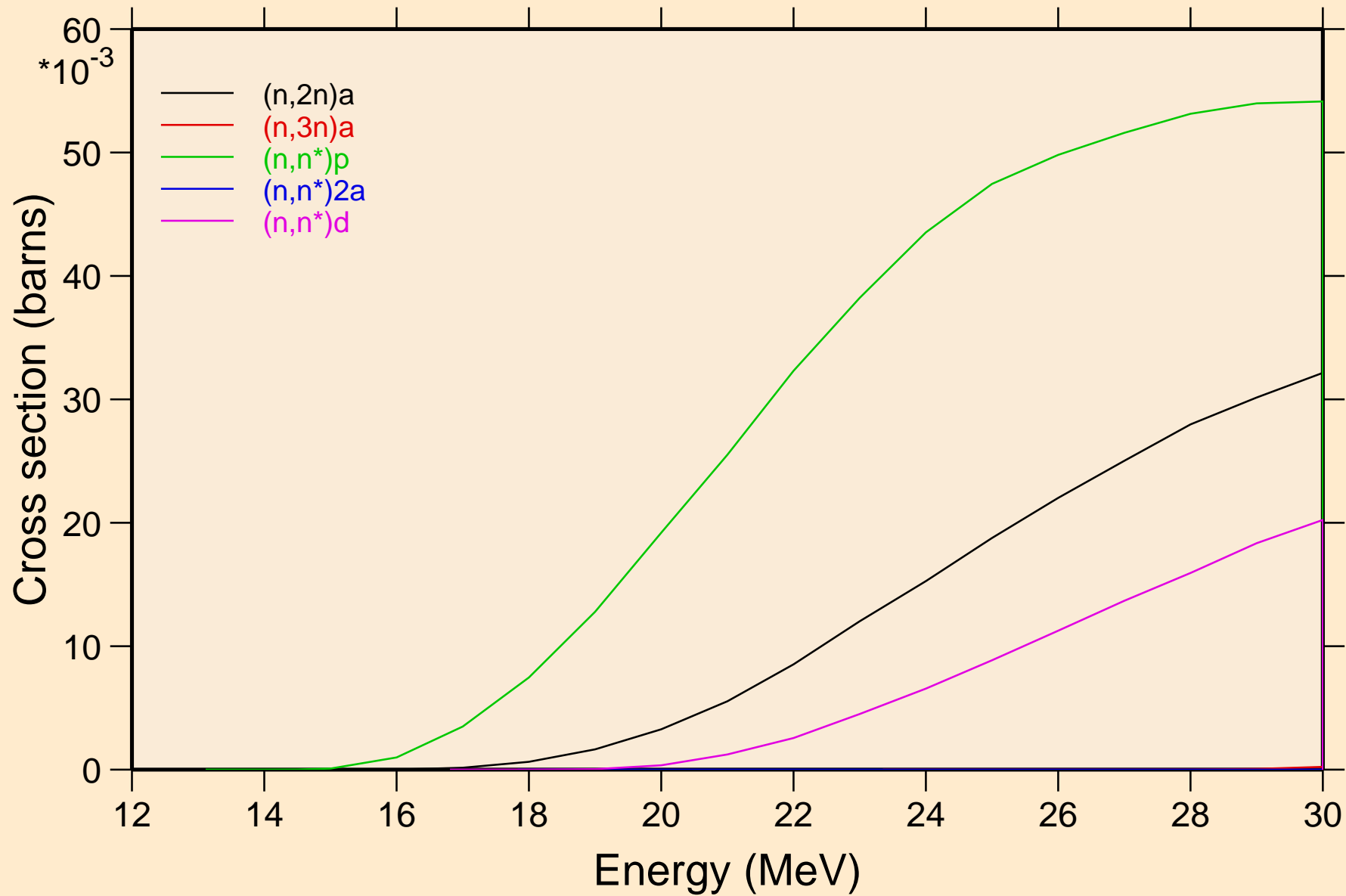
# AR041 NRG TENDL-2015, AKONING

## Threshold reactions



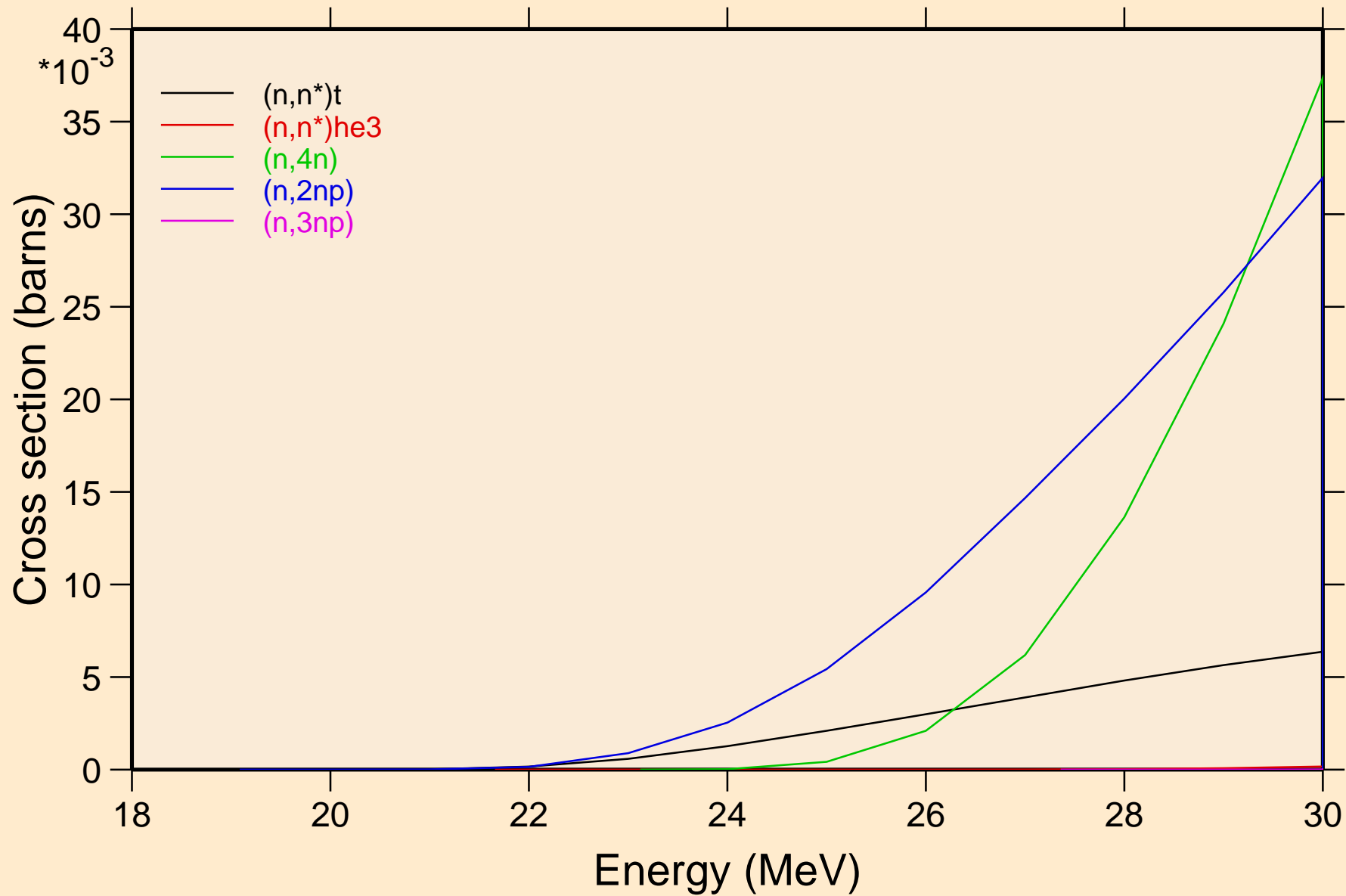
# AR041 NRG TENDL-2015, AKONING

## Threshold reactions



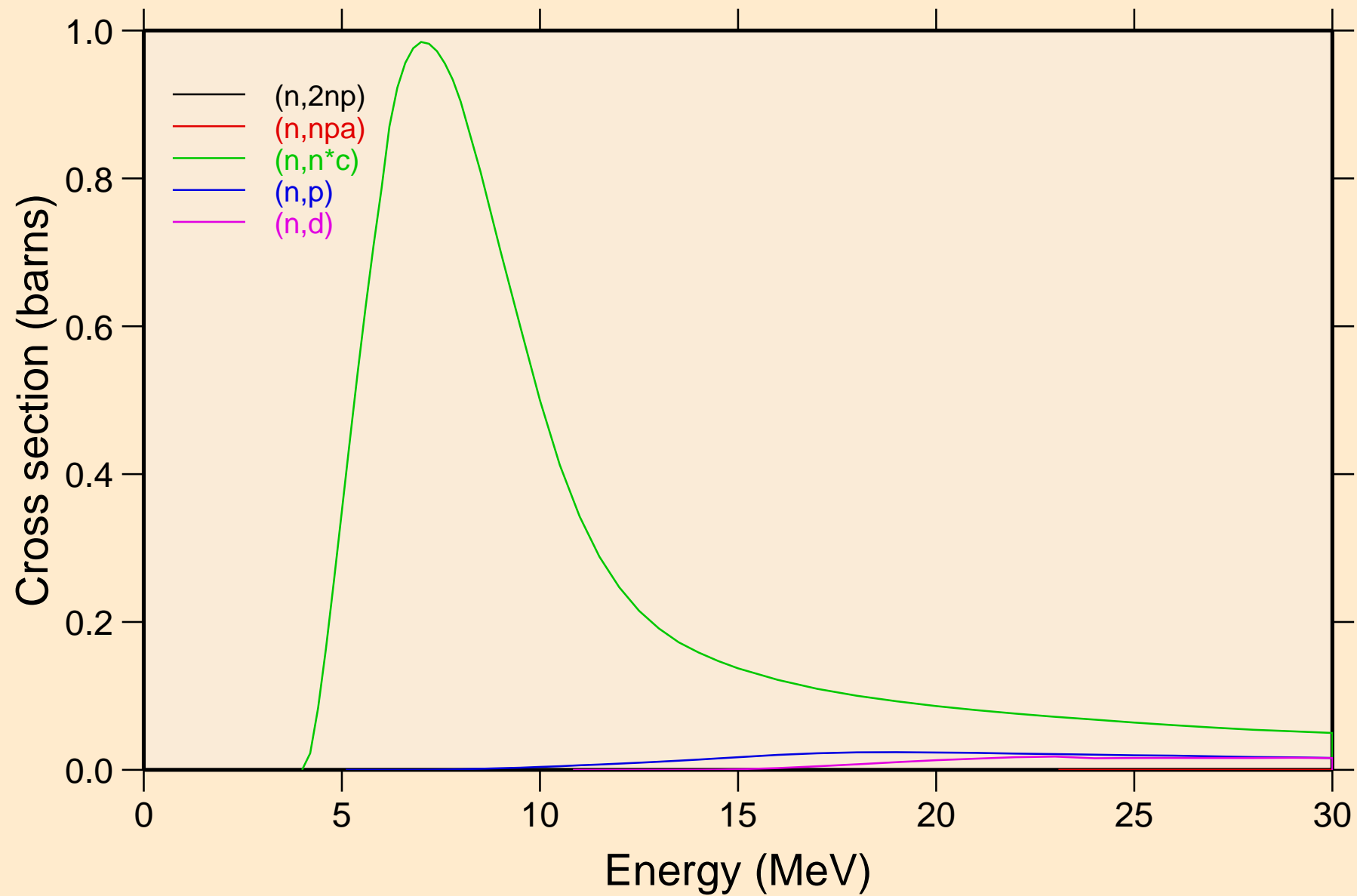
# AR041 NRG TENDL-2015, AKONING

## Threshold reactions



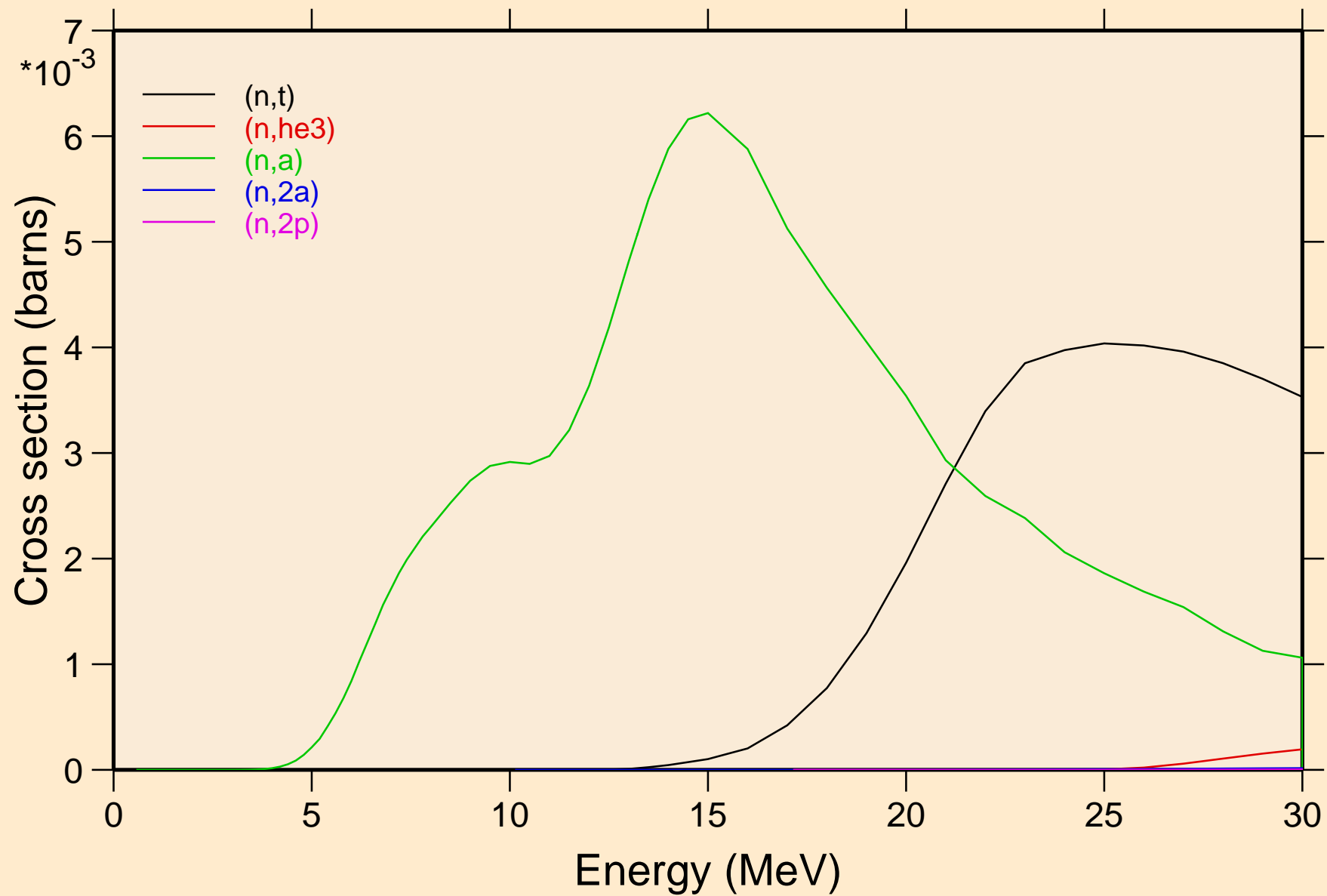
# AR041 NRG TENDL-2015, AKONING

## Threshold reactions



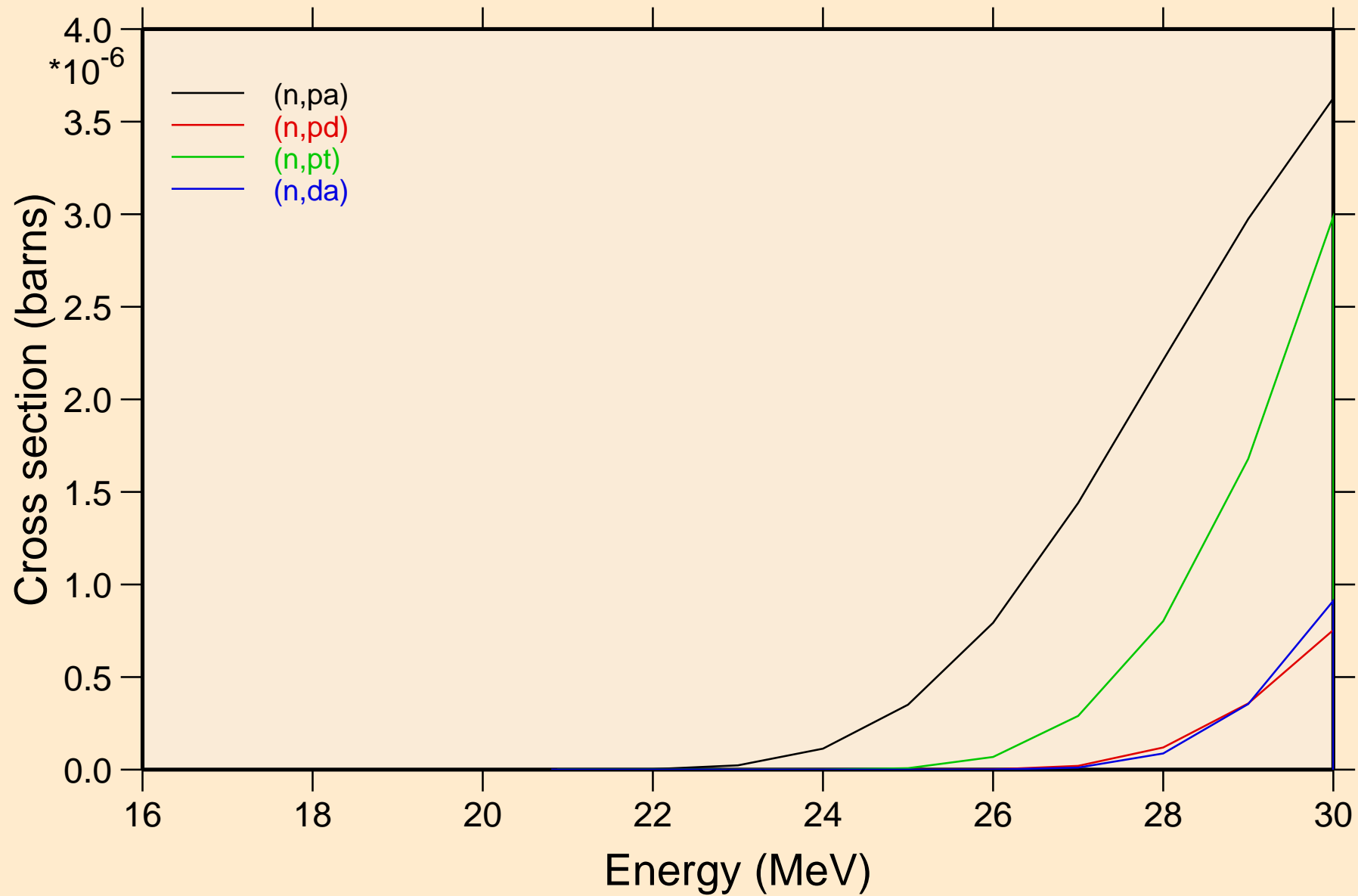
# AR041 NRG TENDL-2015, AKONING

## Threshold reactions



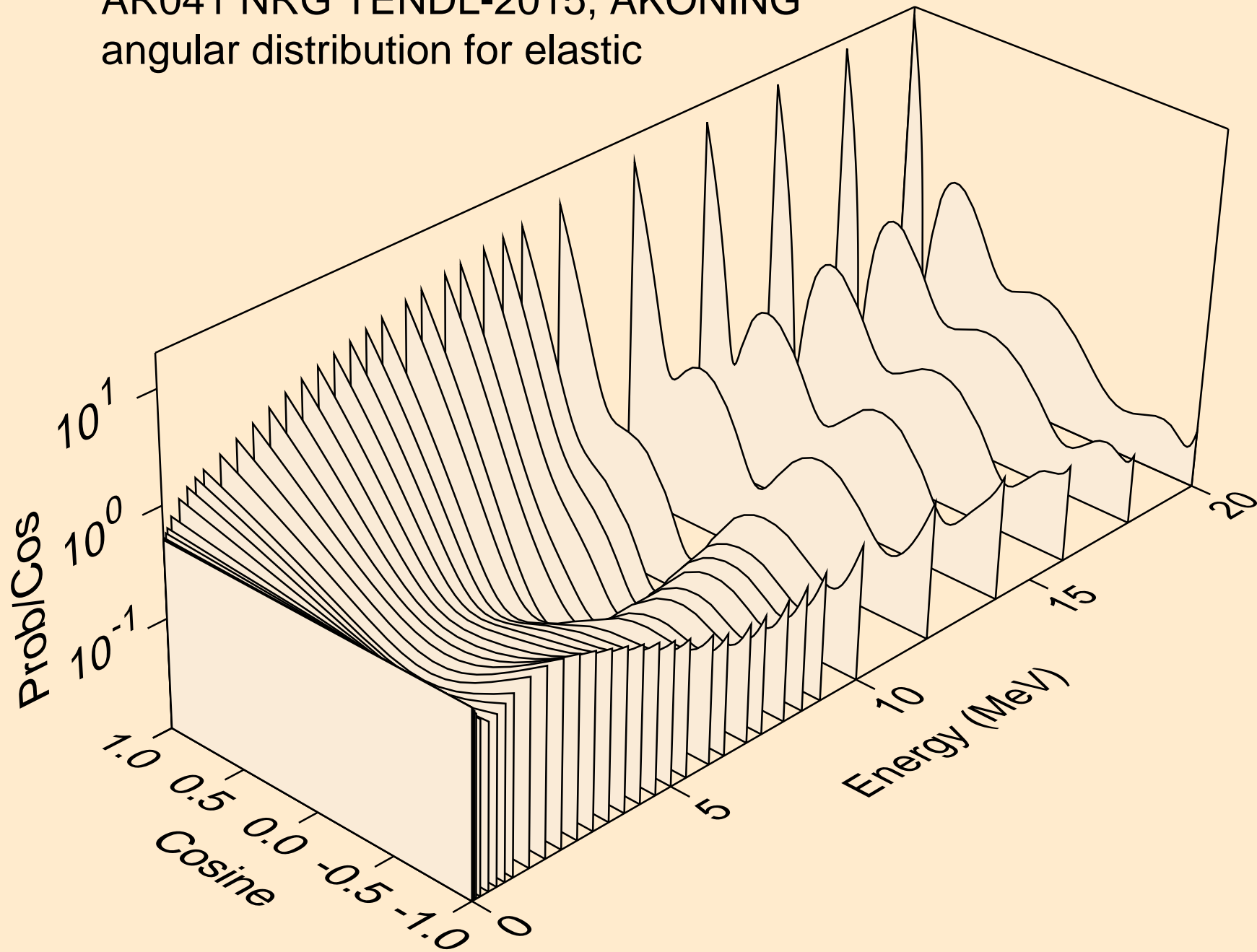
# AR041 NRG TENDL-2015, AKONING

## Threshold reactions

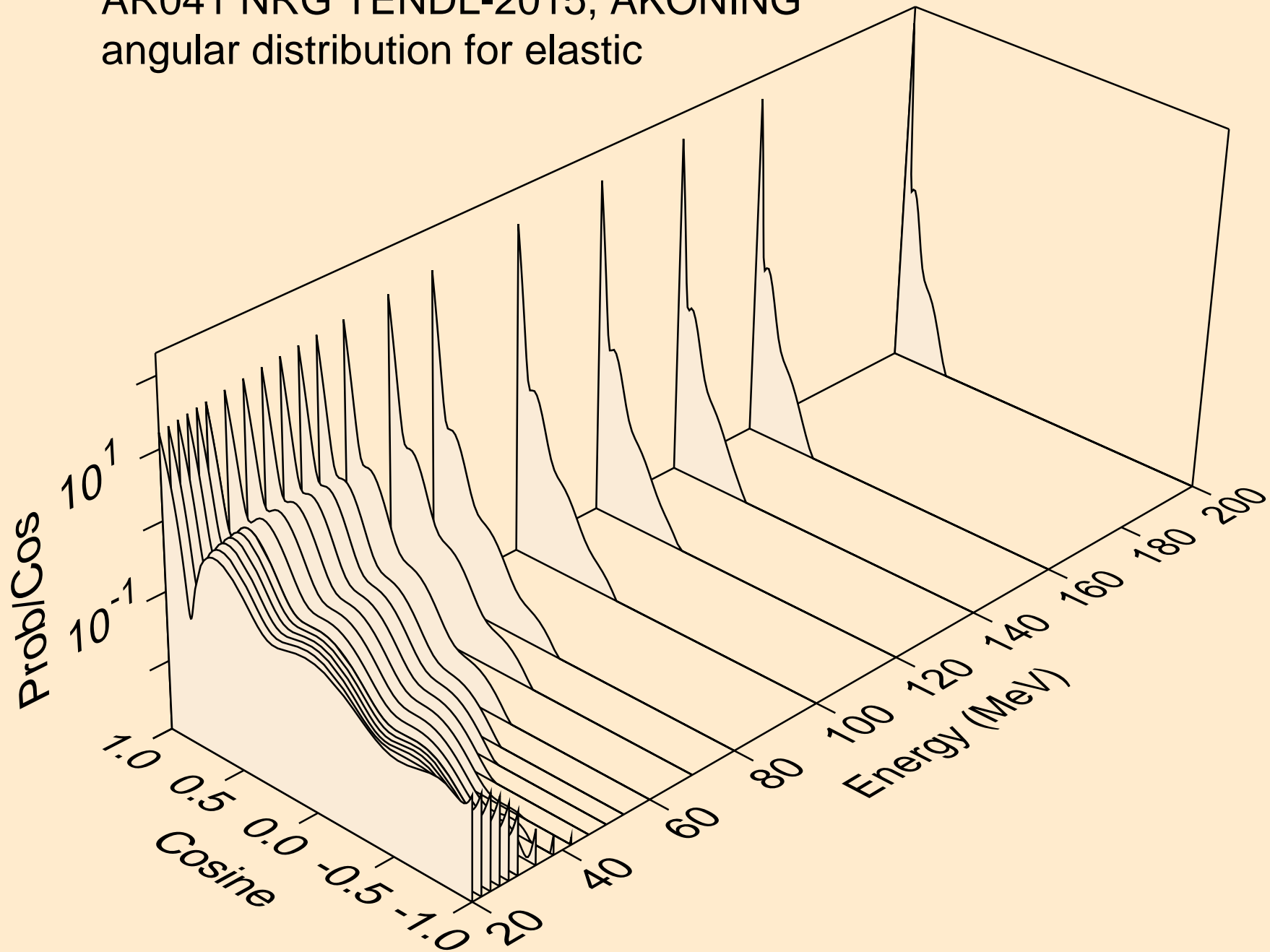




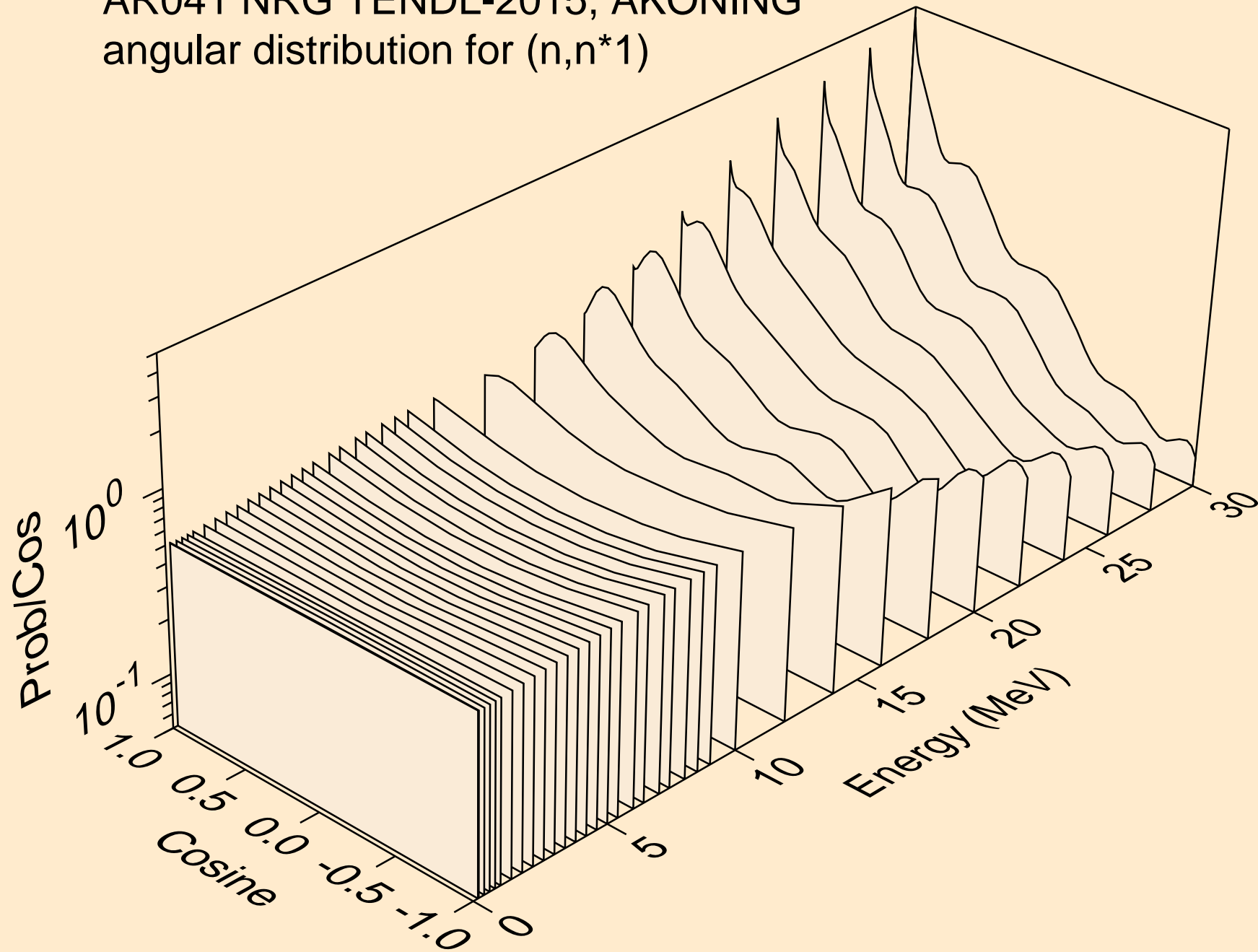
AR041 NRG TENDL-2015, AKONING  
angular distribution for elastic



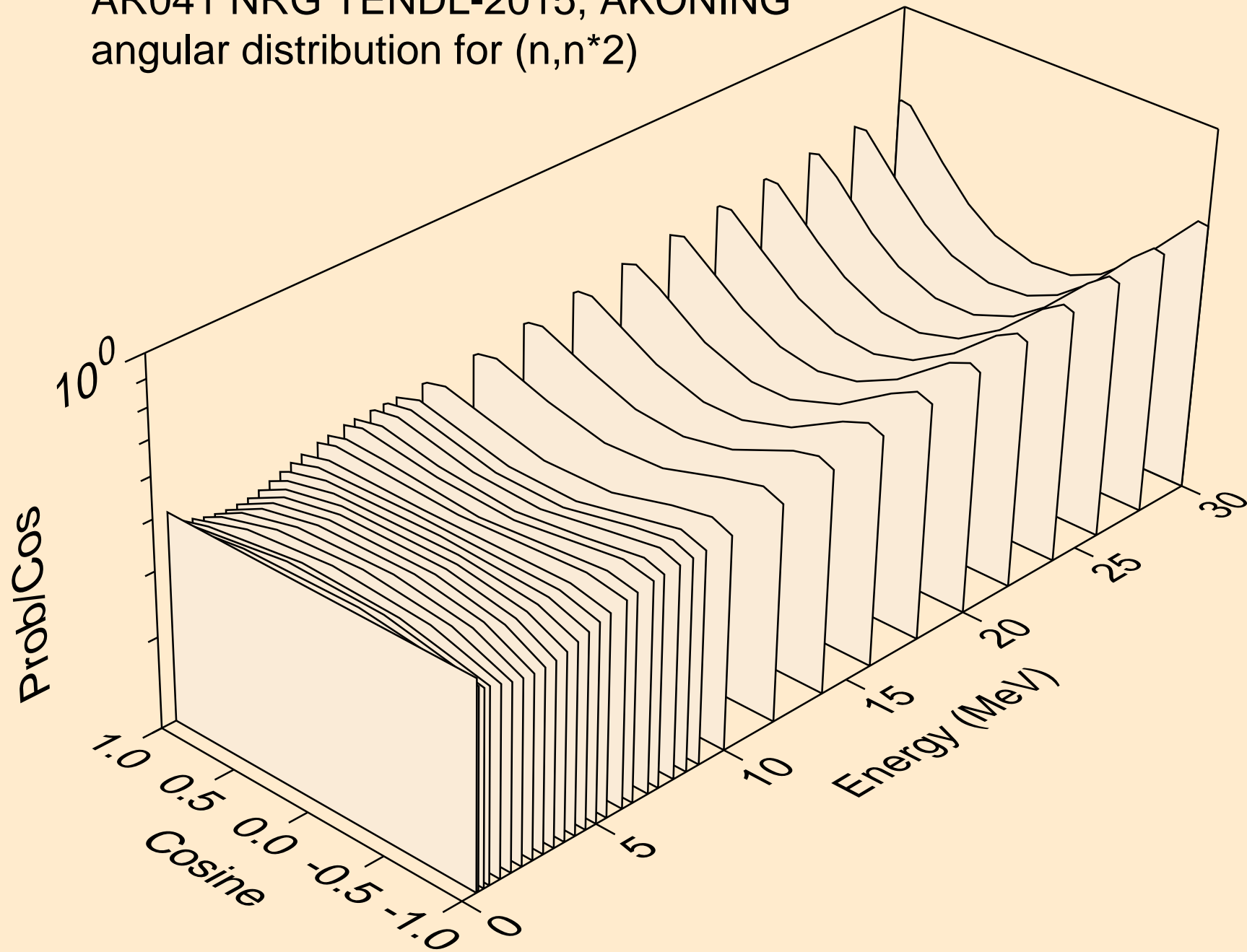
AR041 NRG TENDL-2015, AKONING  
angular distribution for elastic



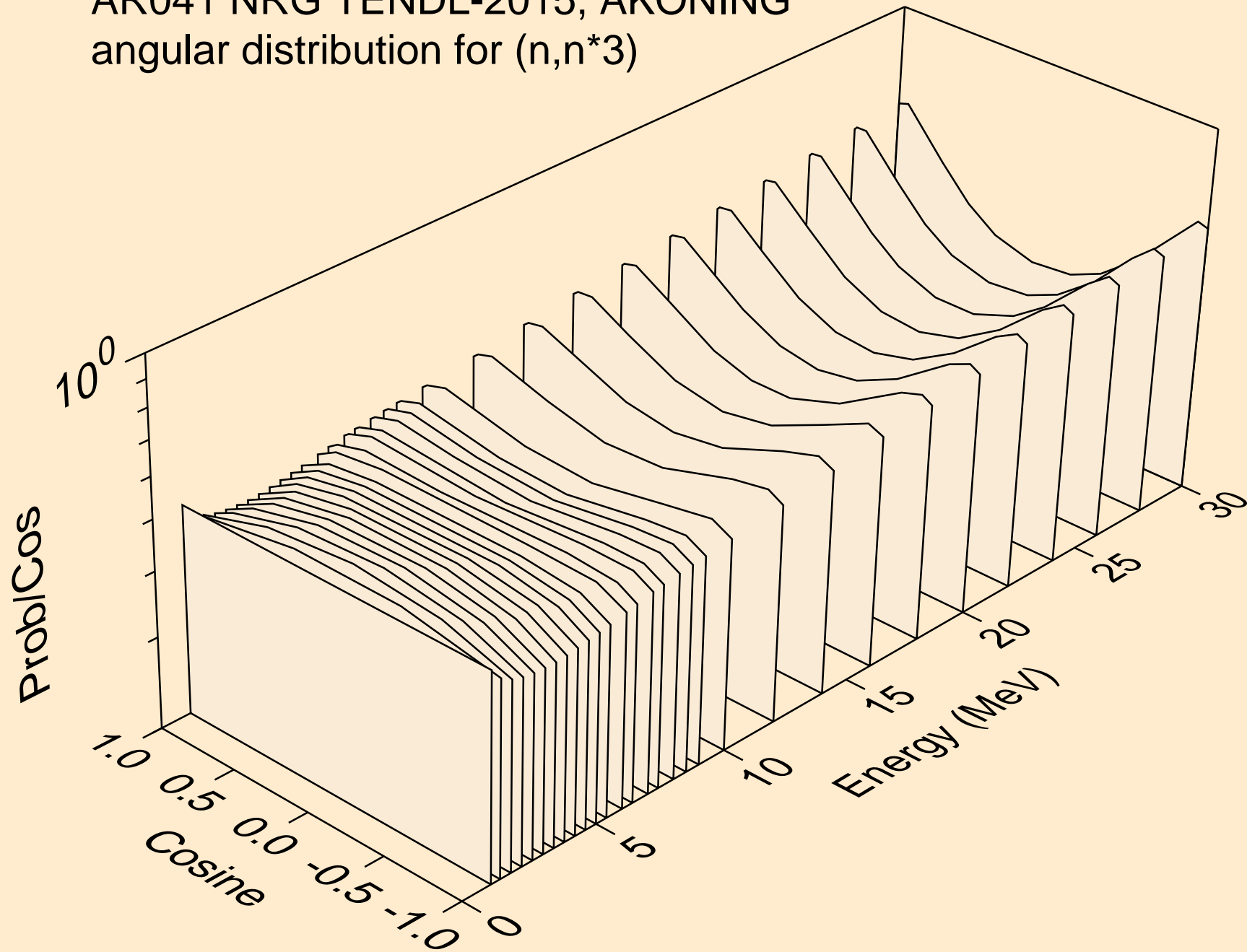
AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



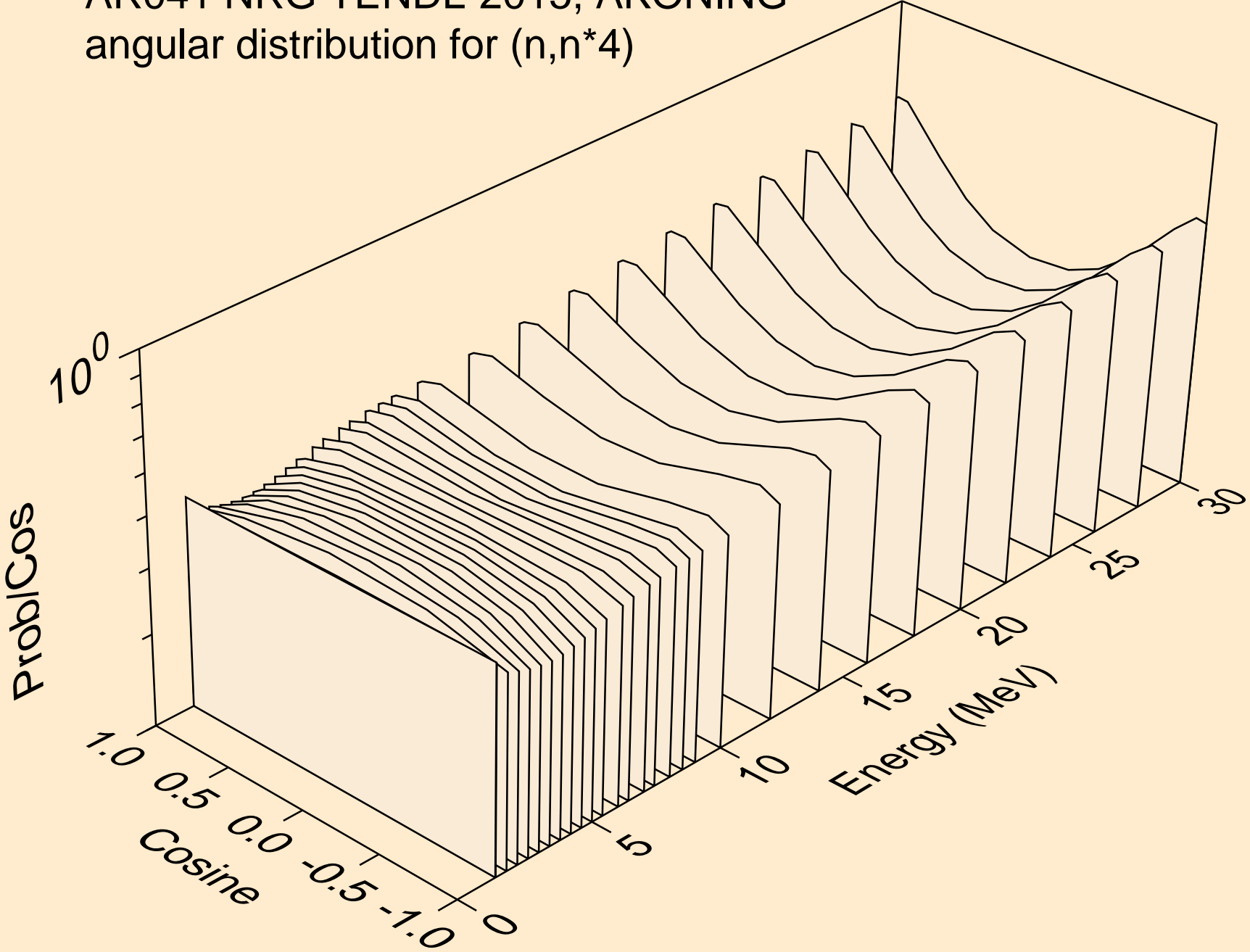
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angular distribution for (n,n\*2)



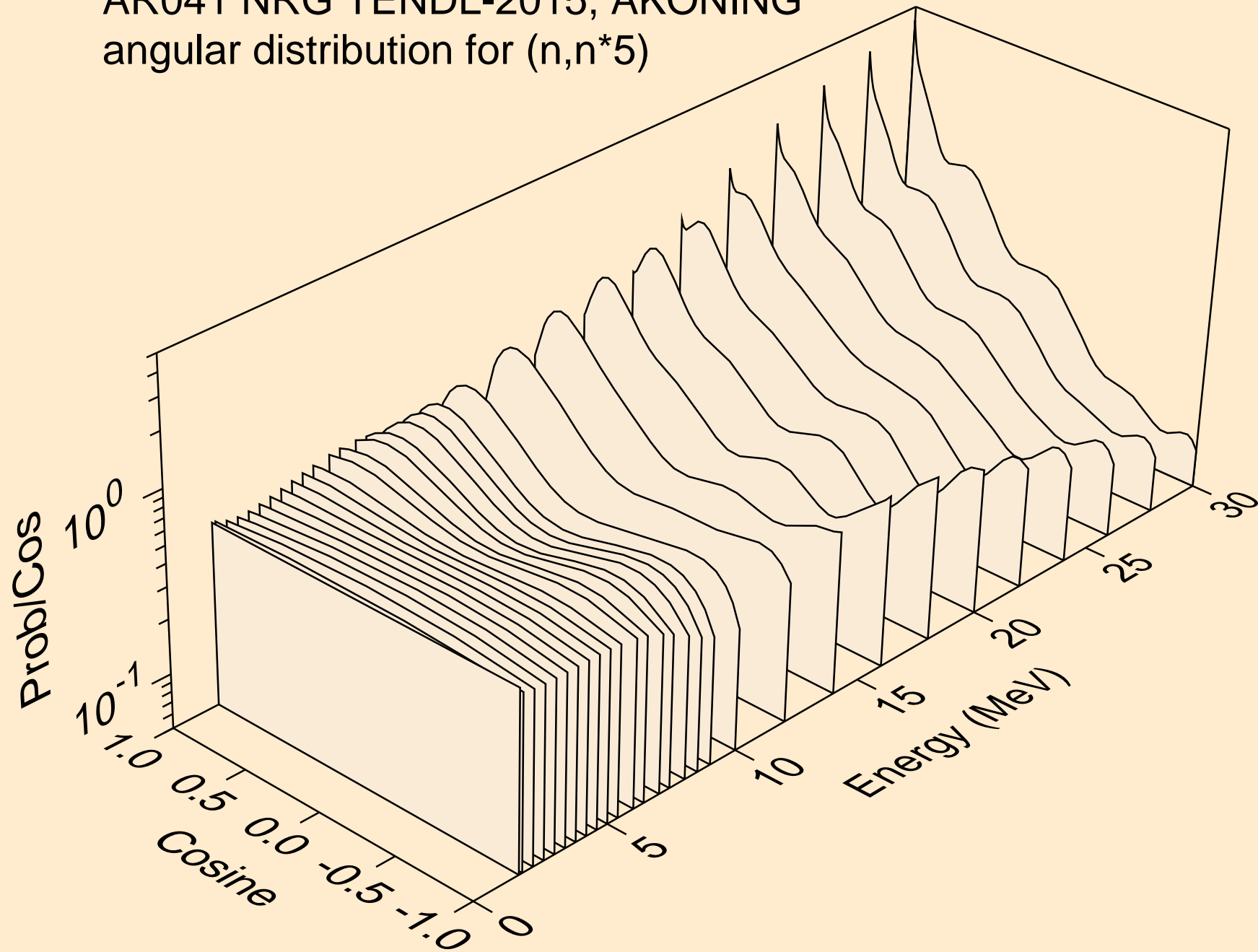
AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



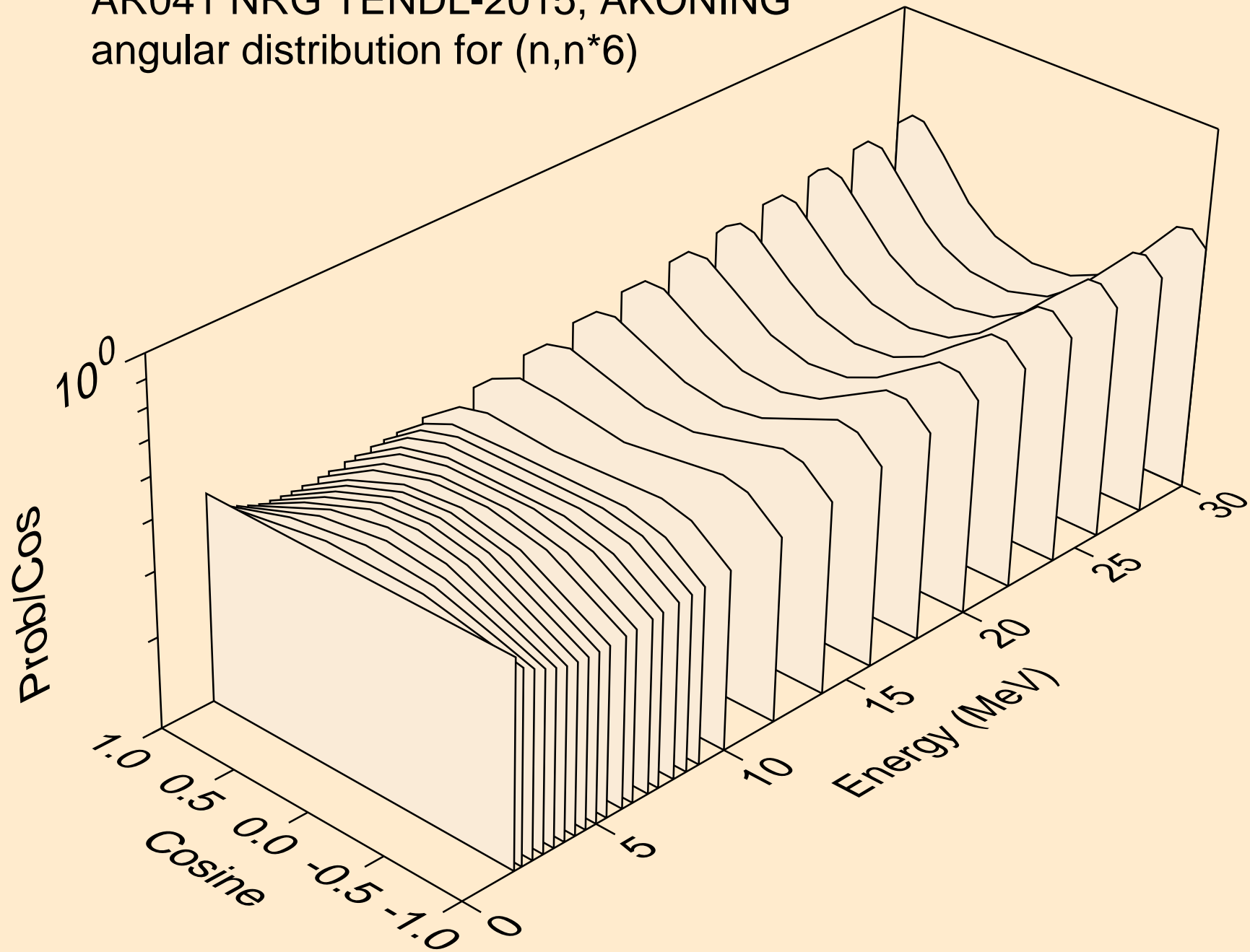
AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

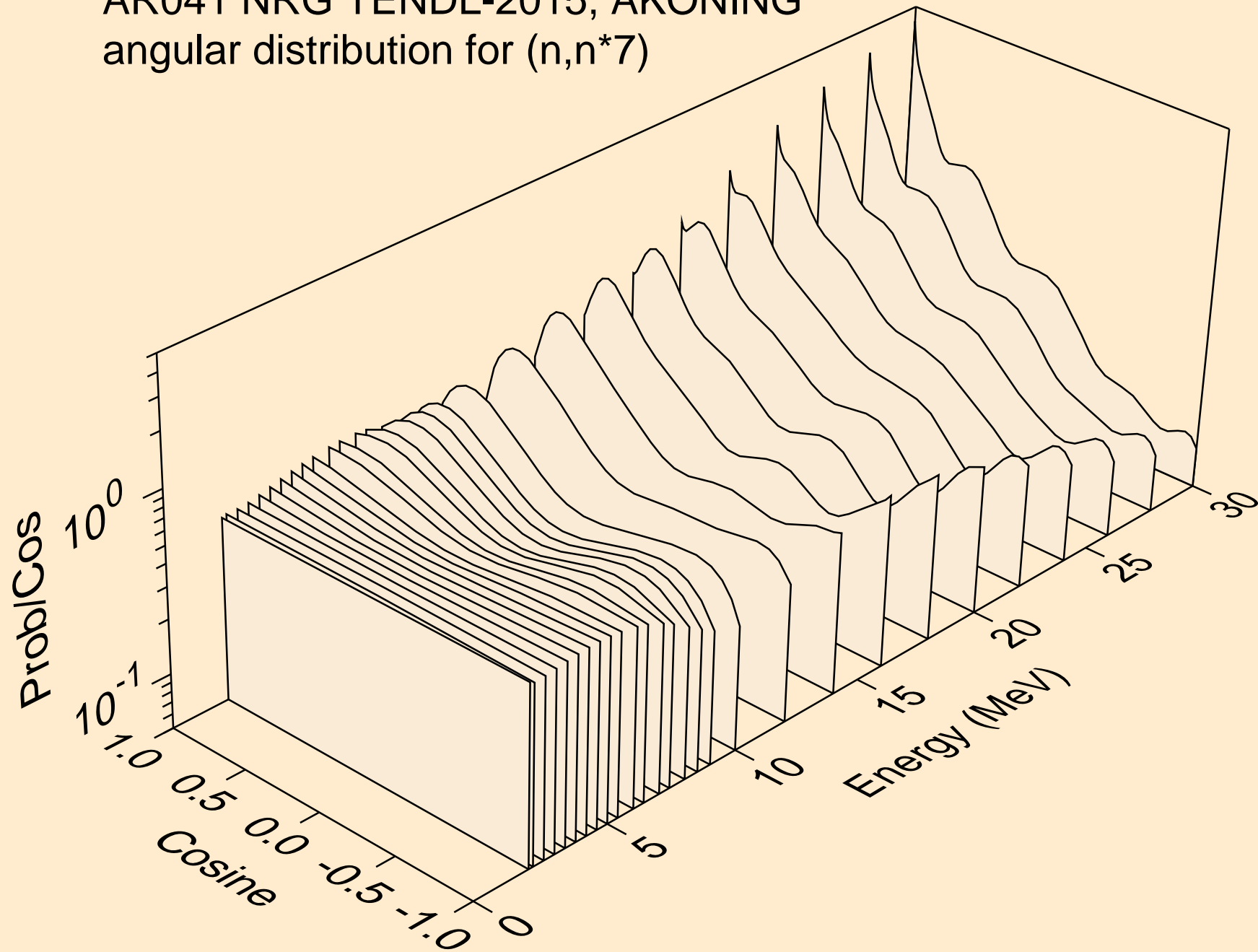


AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

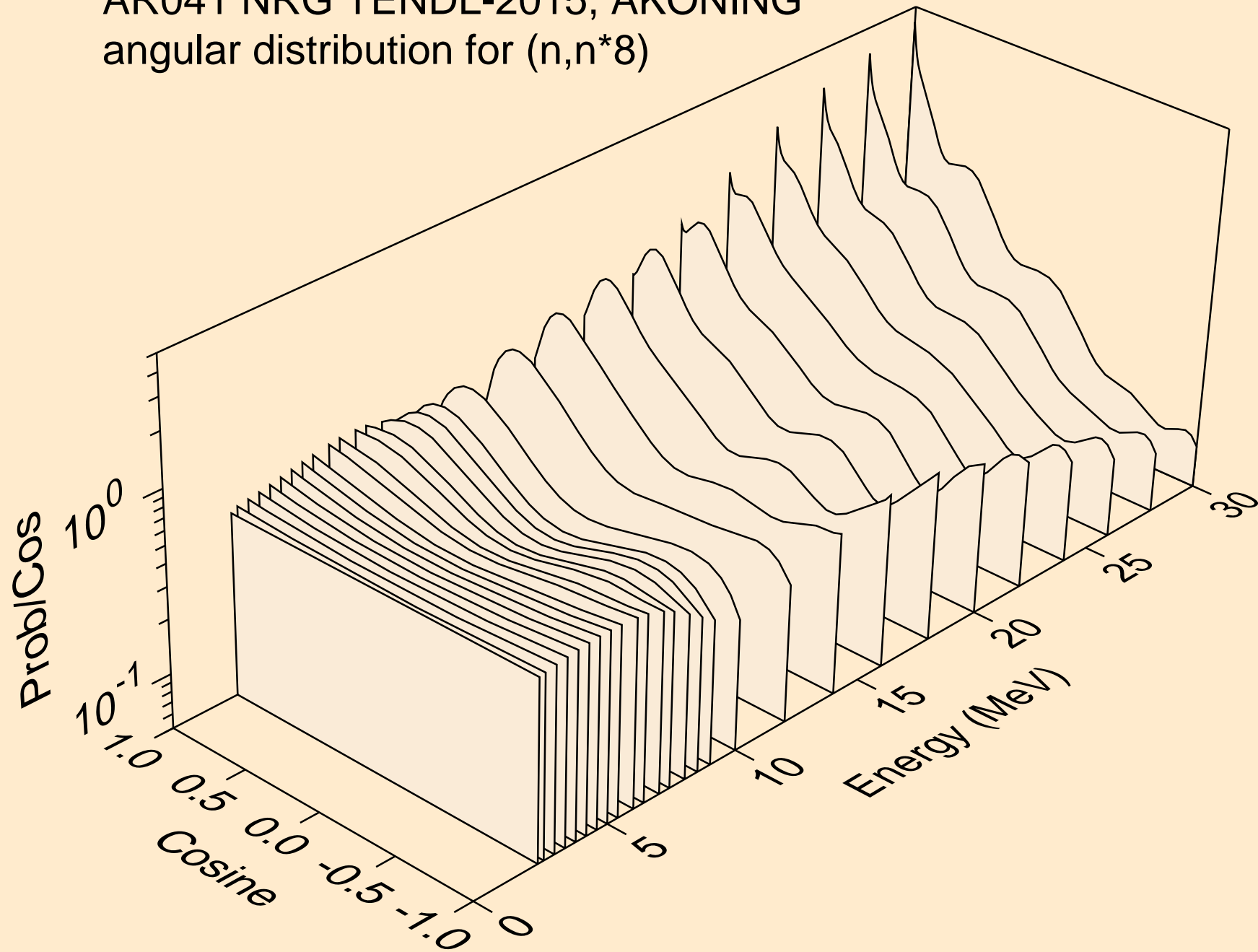




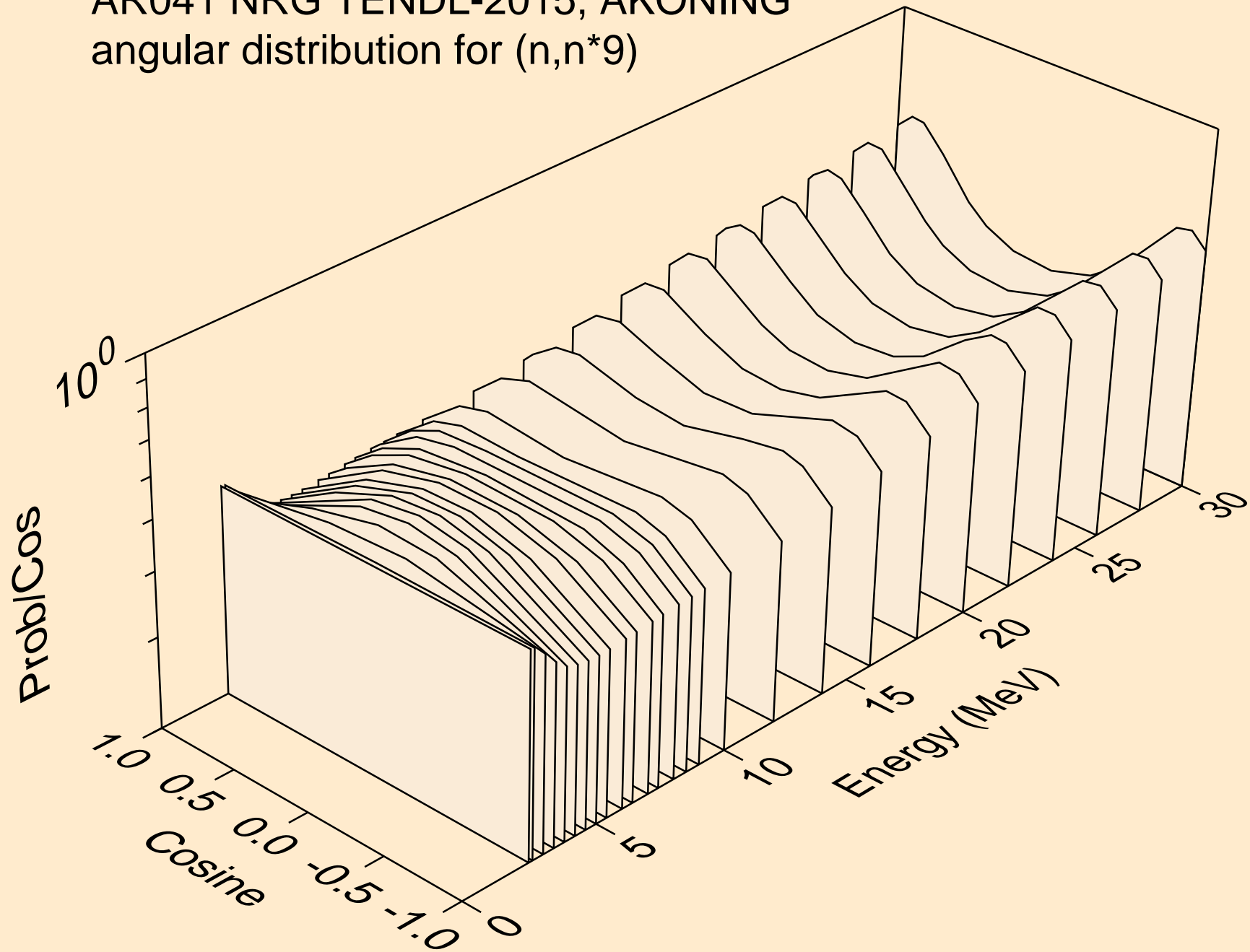
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angular distribution for (n,n\*7)



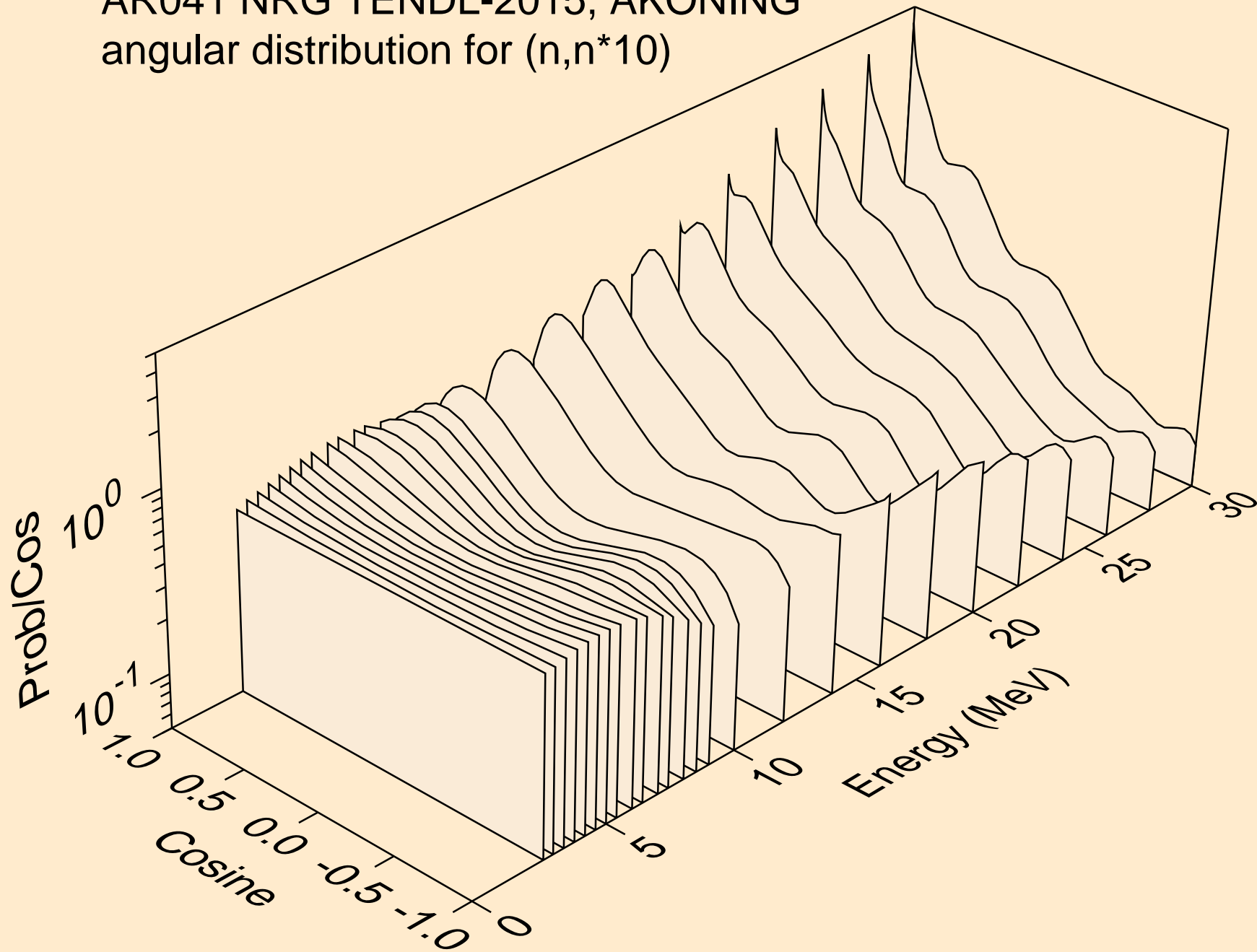
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angular distribution for (n,n\*8)



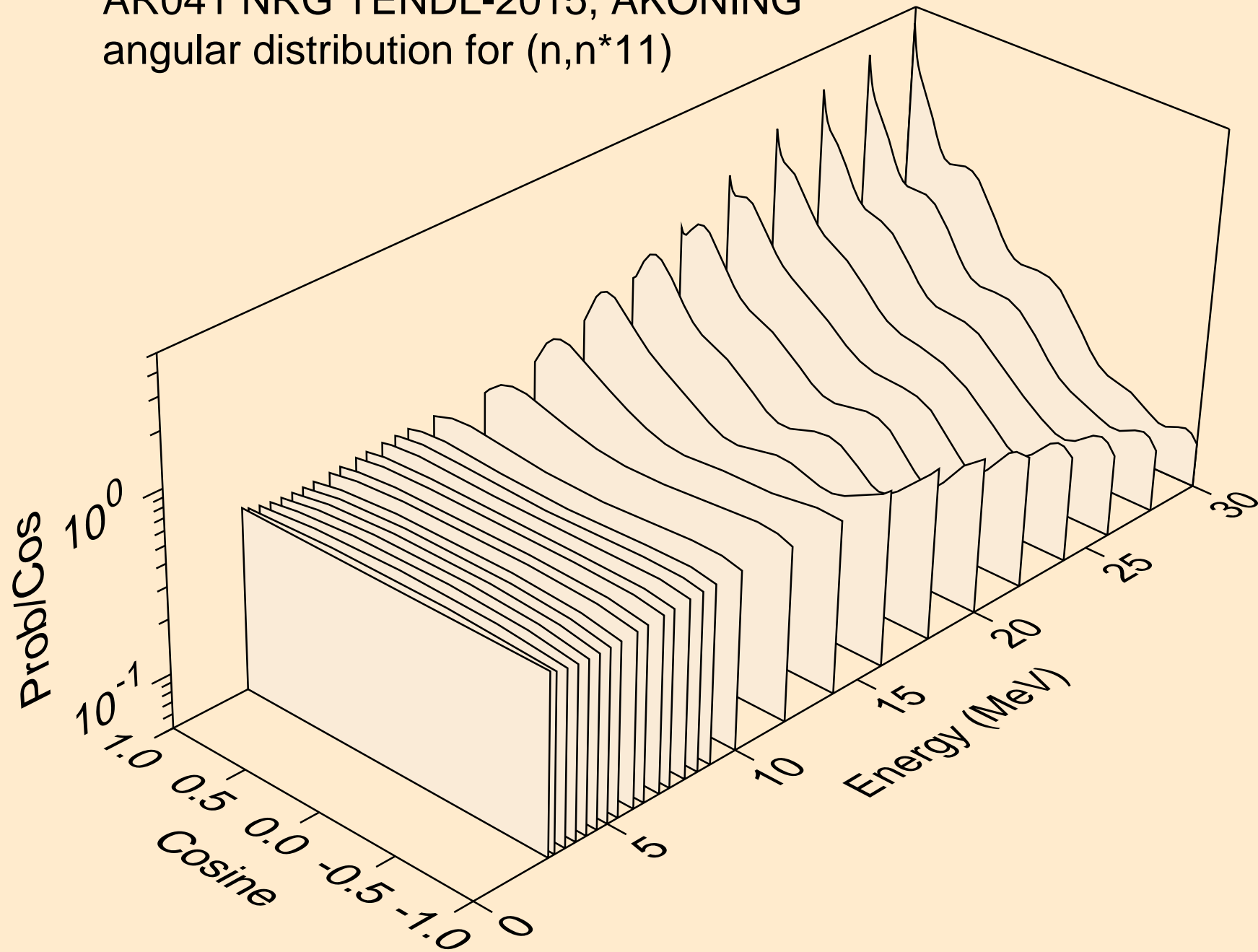
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angular distribution for (n,n\*9)



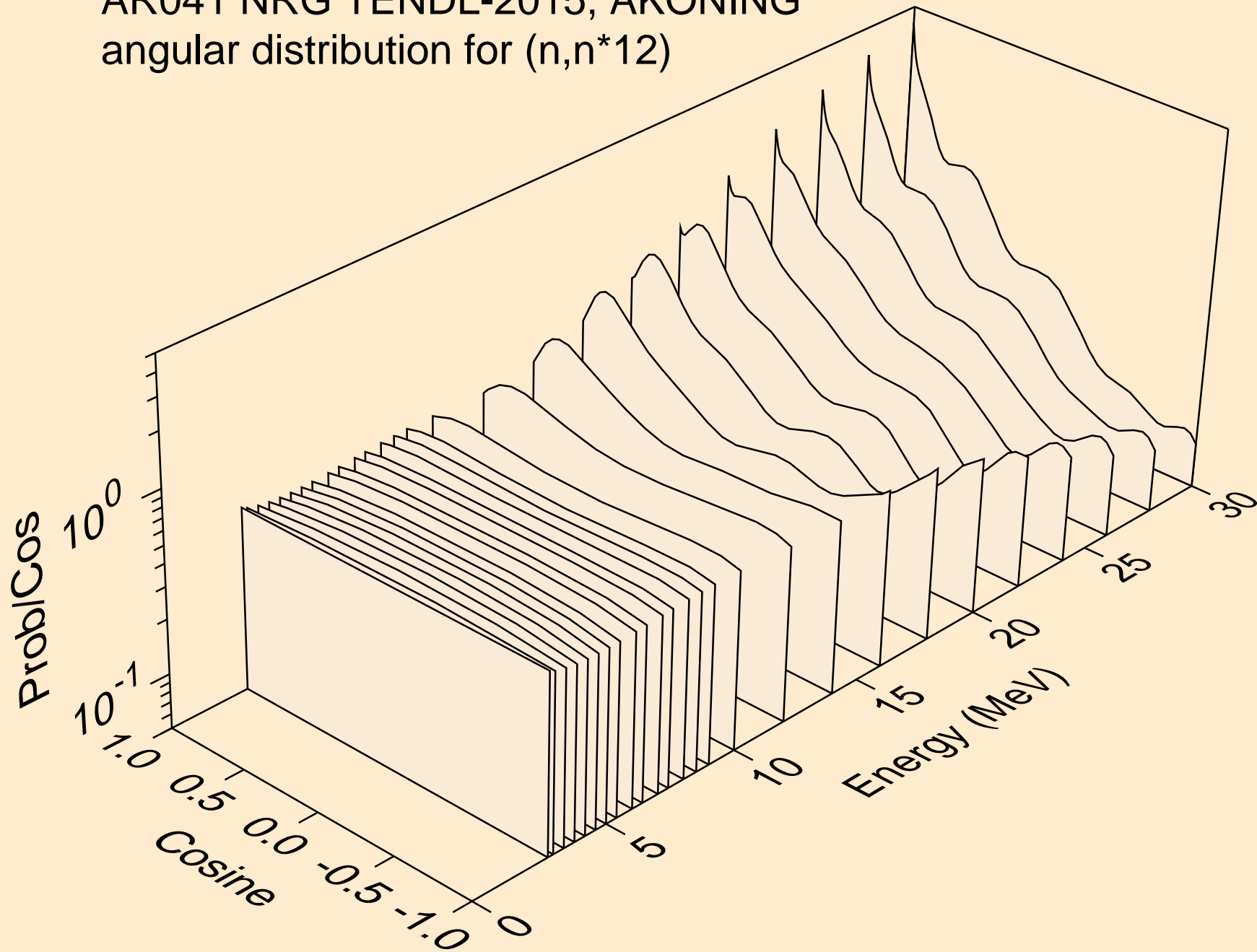
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angular distribution for (n,n\*10)



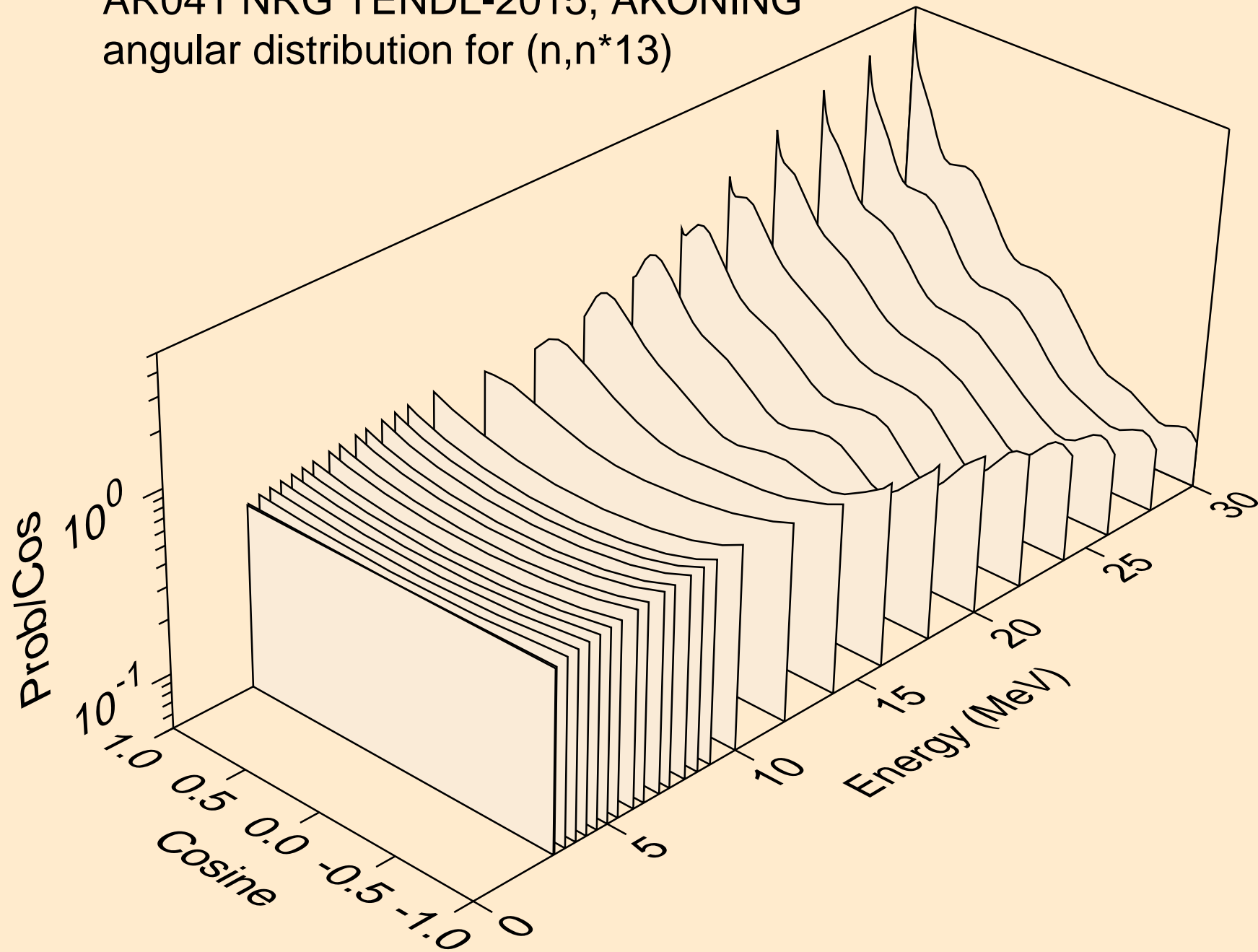
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angular distribution for (n,n\*11)



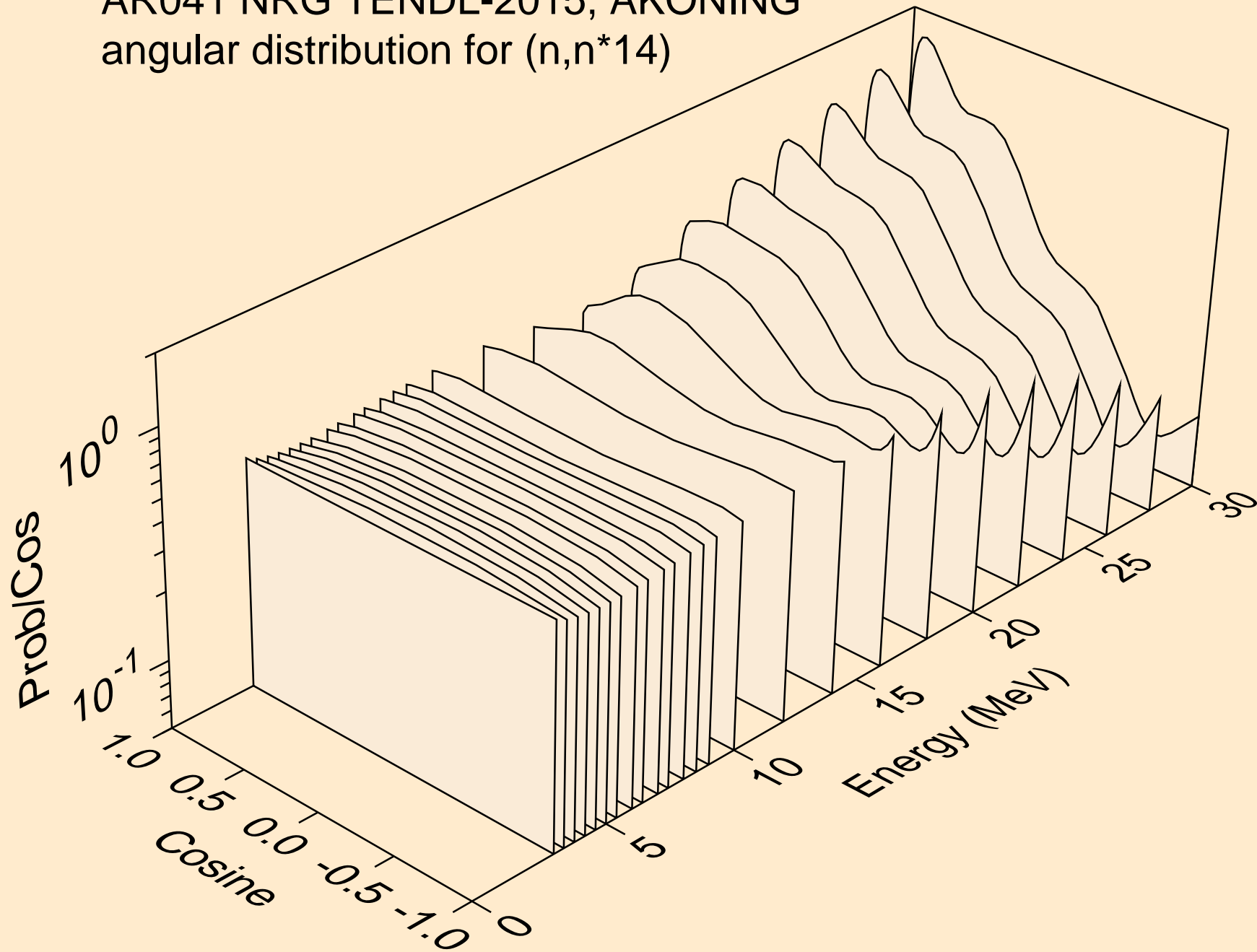
AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

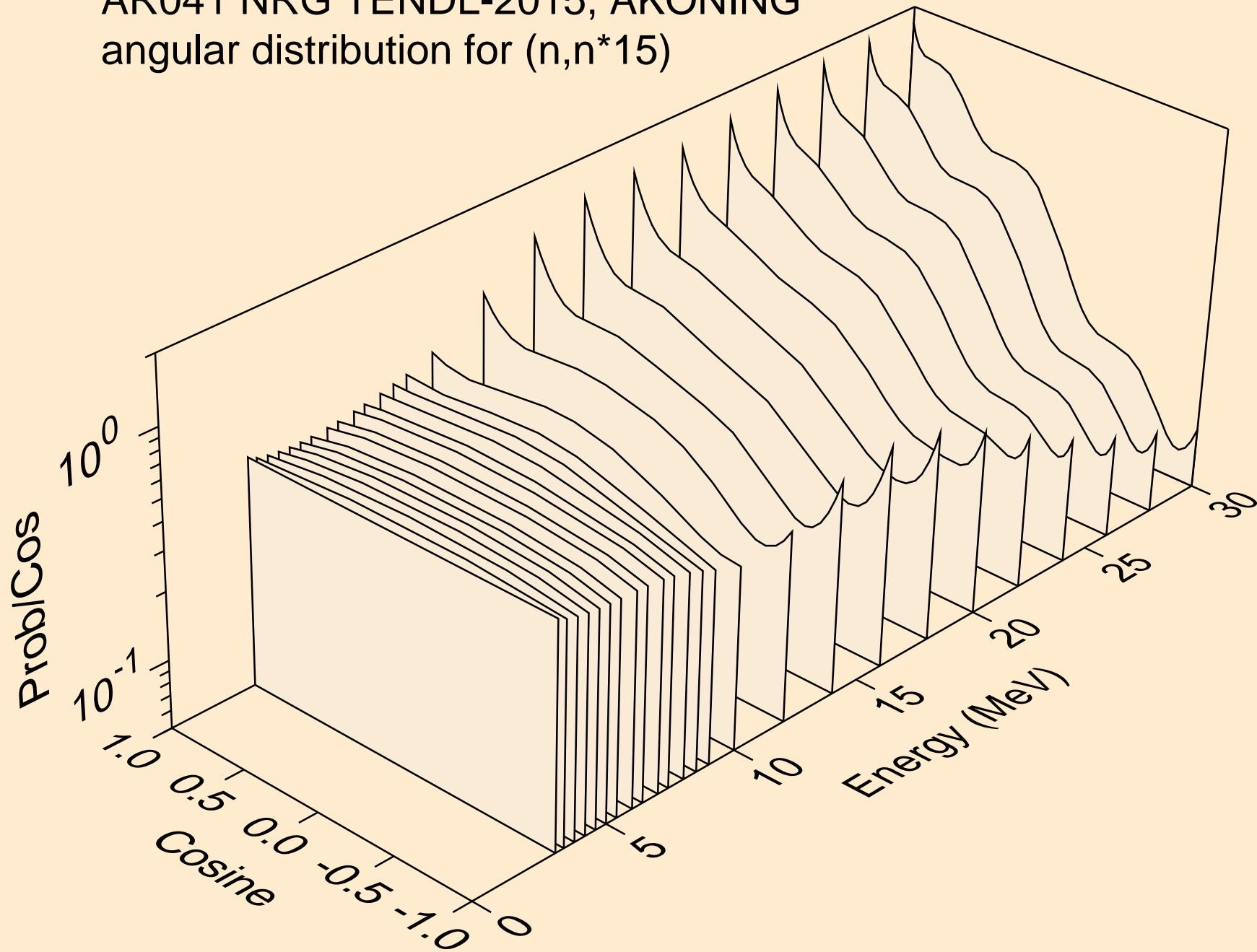


AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

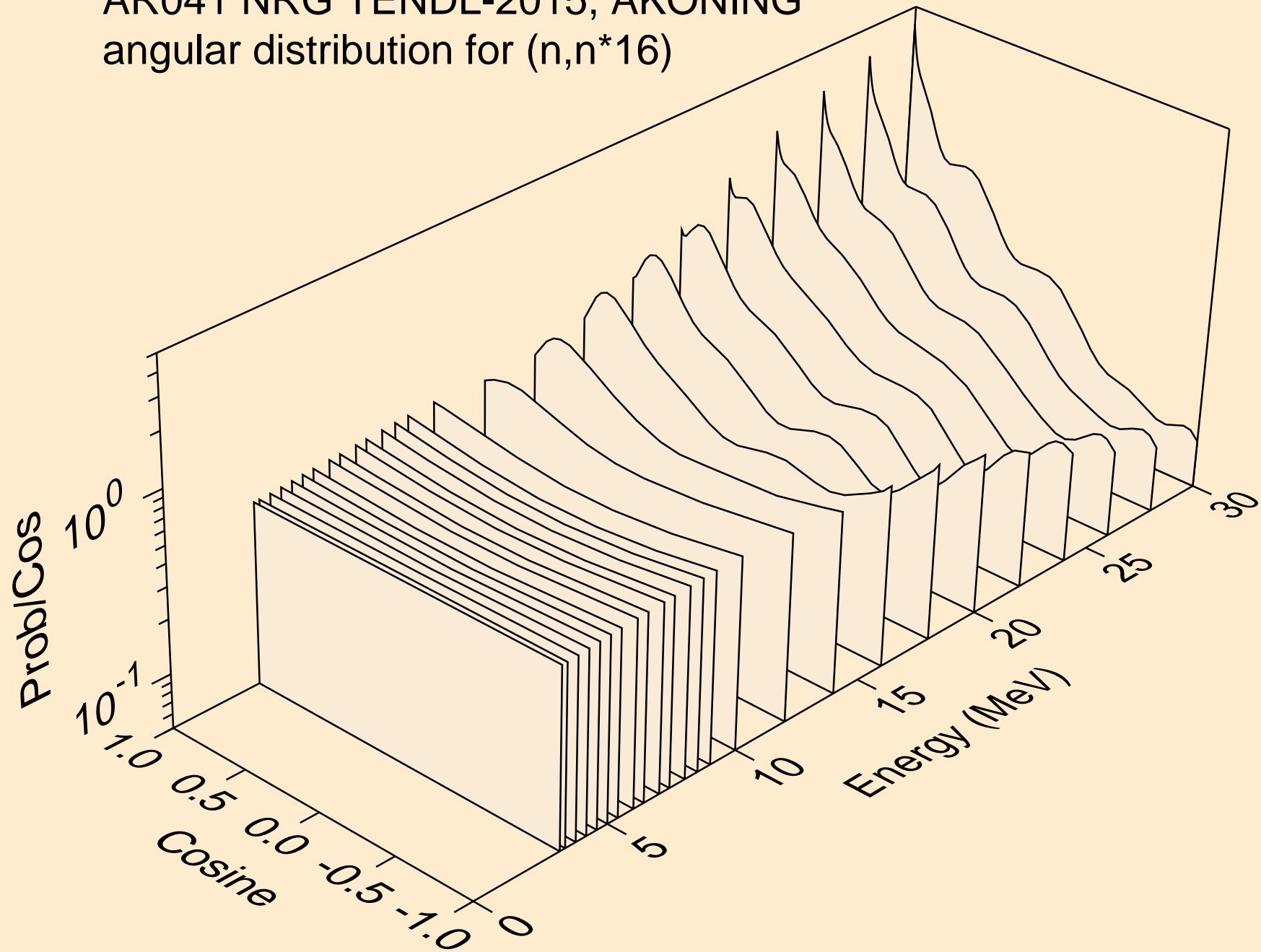




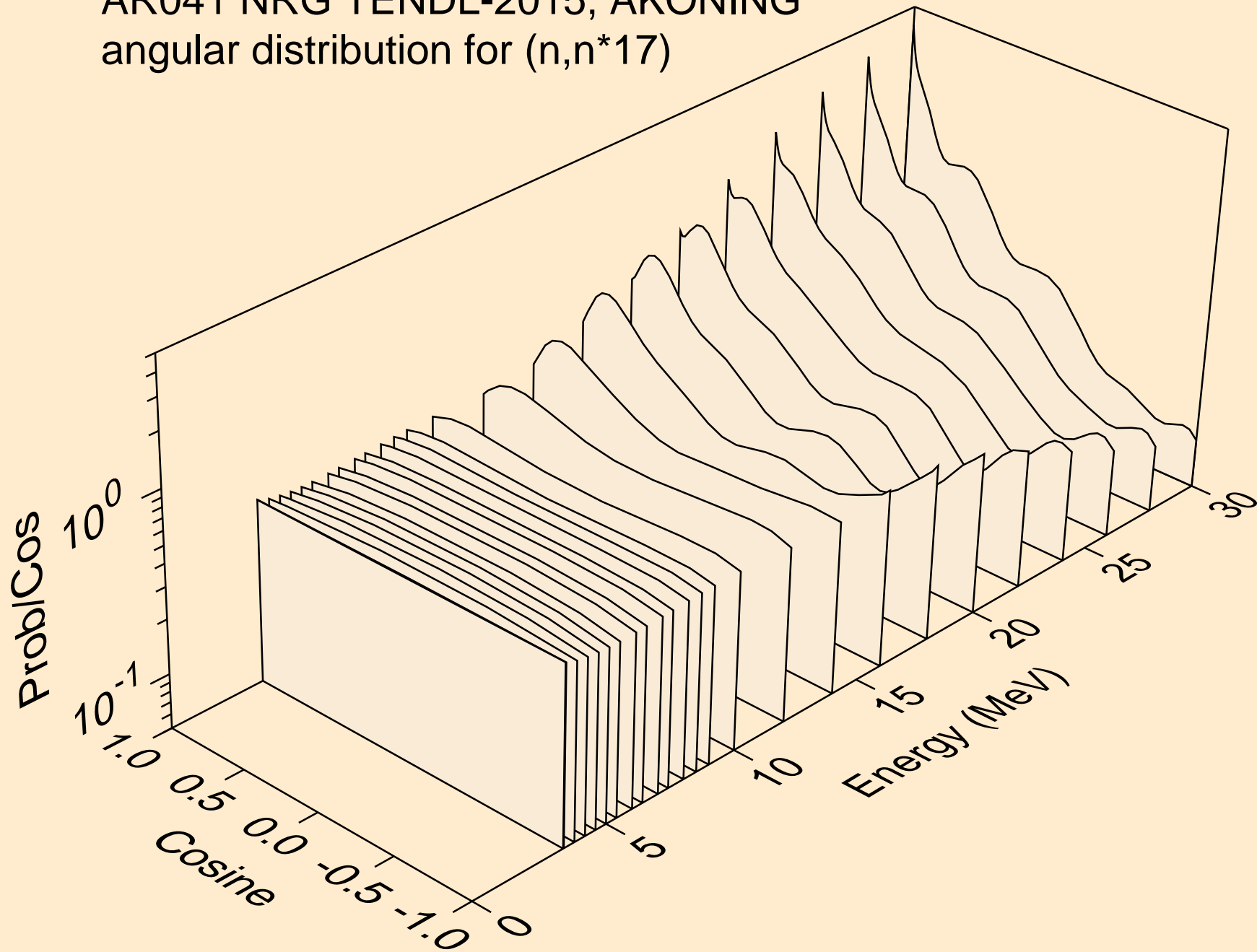
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angular distribution for (n,n\*15)



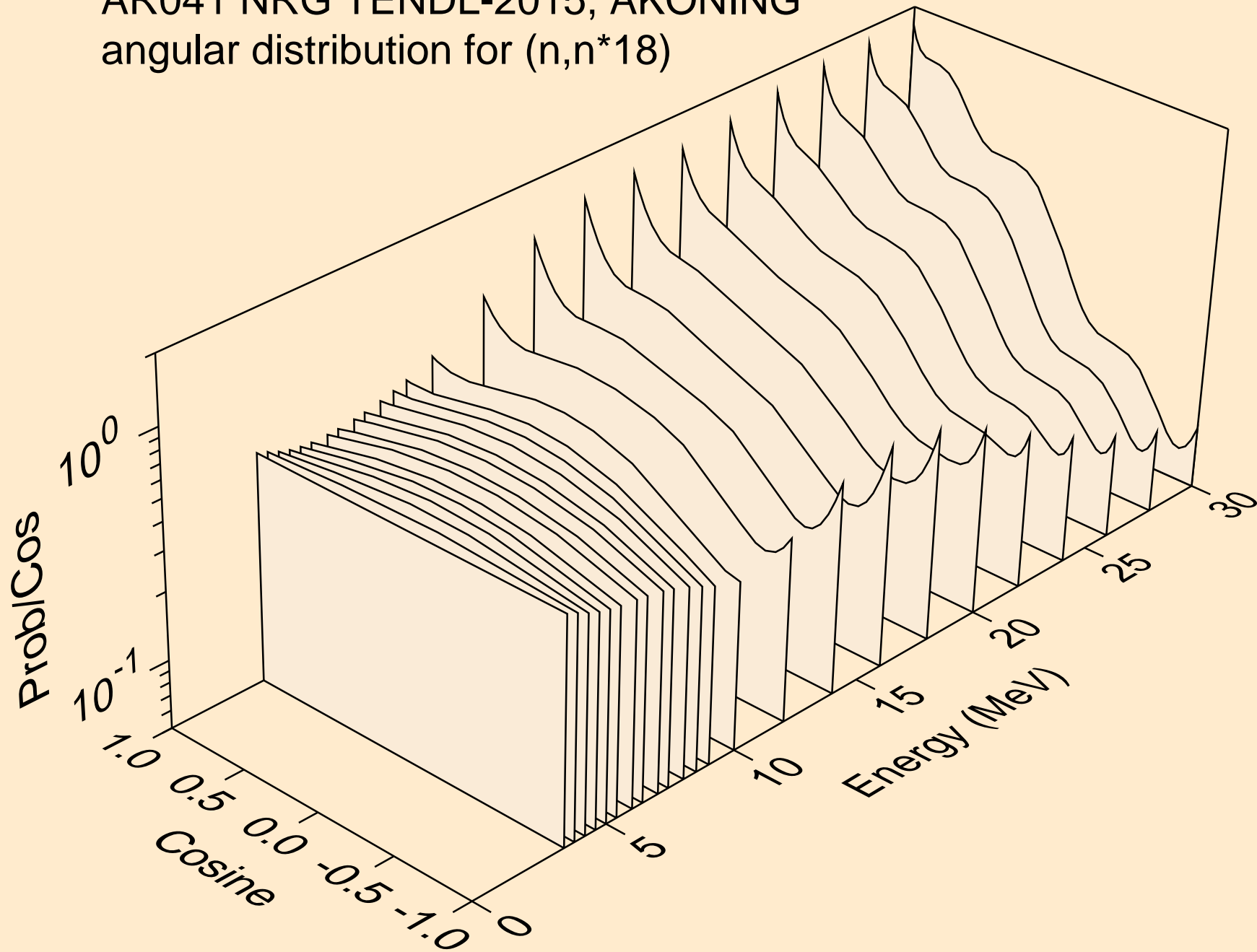
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angular distribution for (n,n\*16)



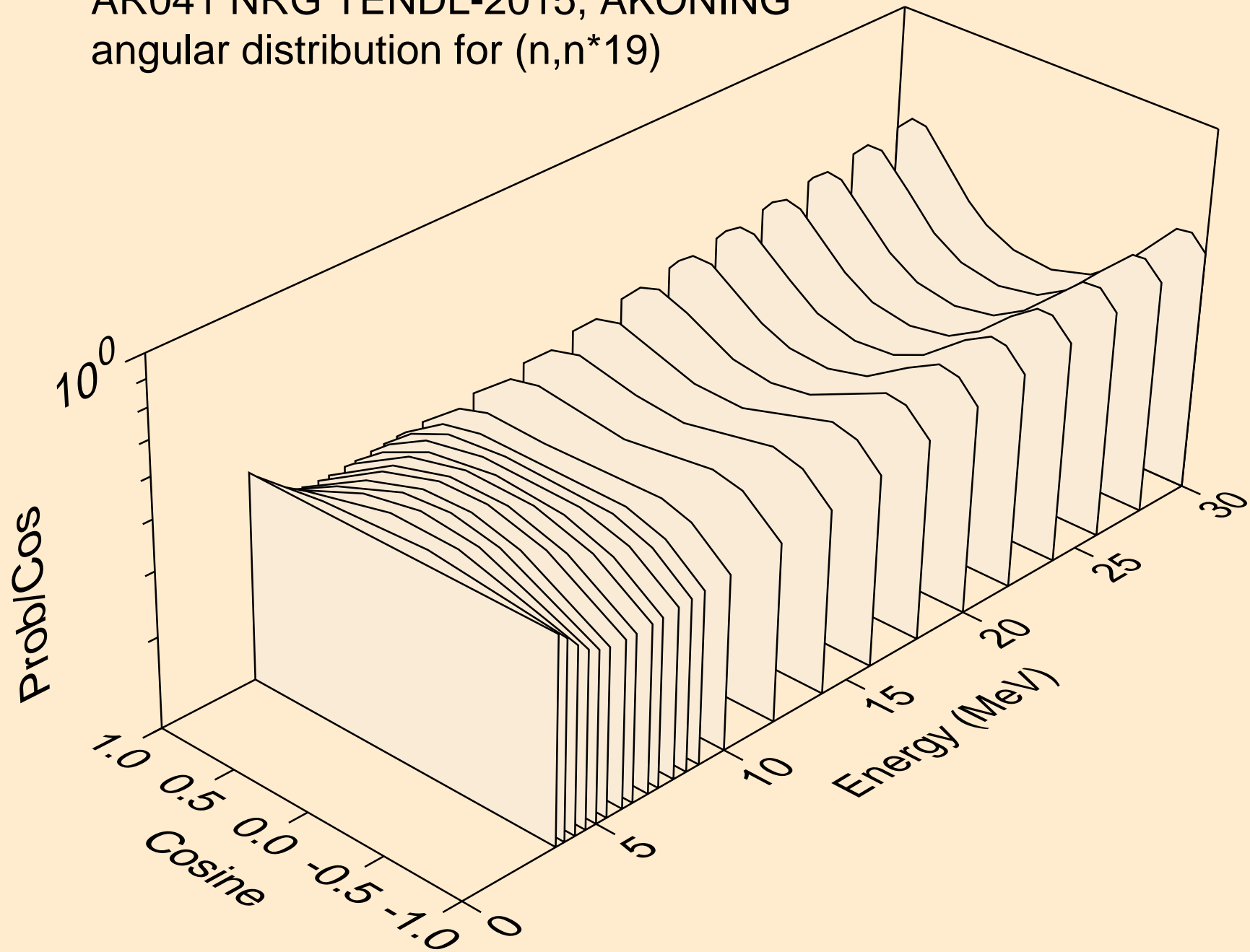
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angular distribution for (n,n\*17)



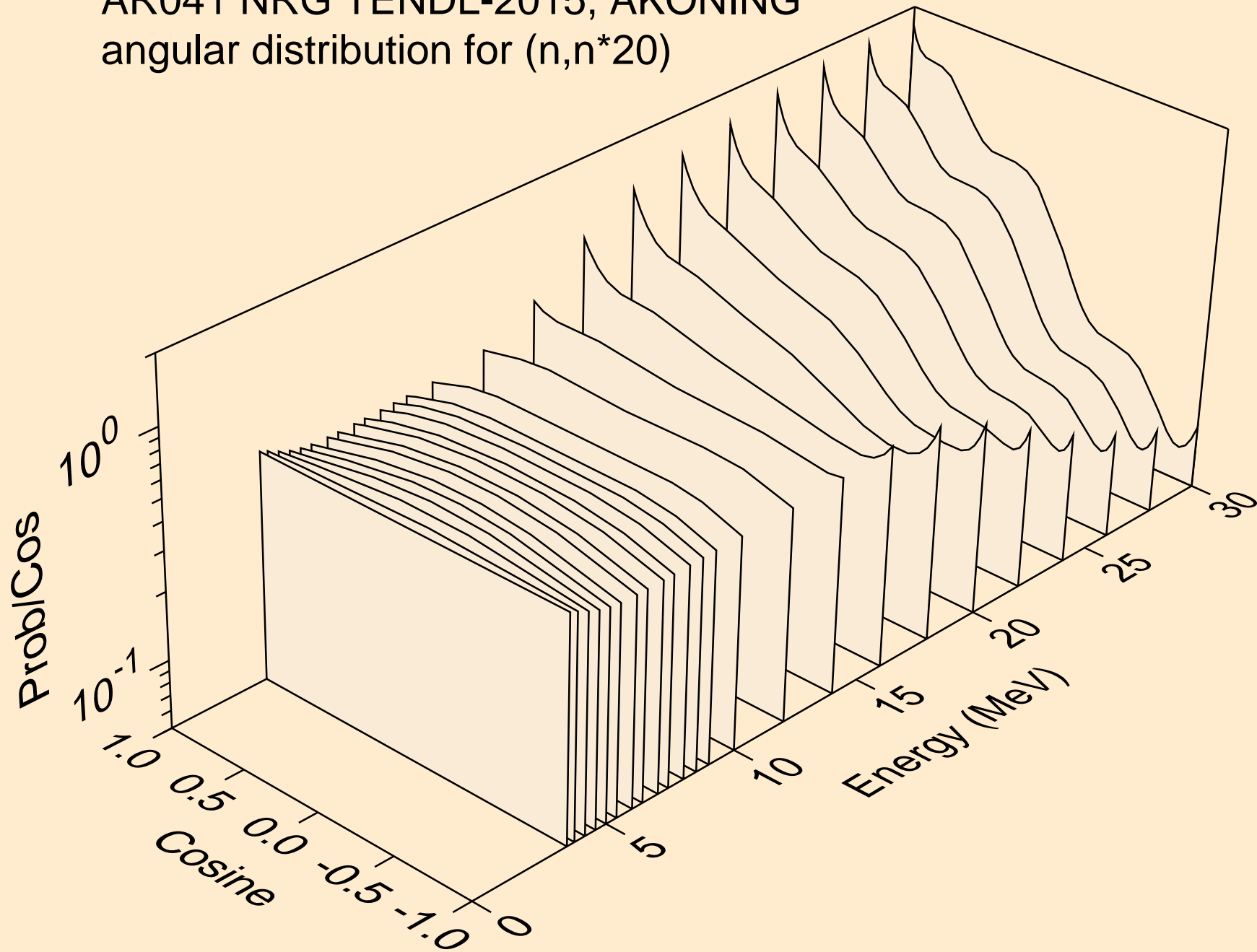
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angular distribution for (n,n\*18)



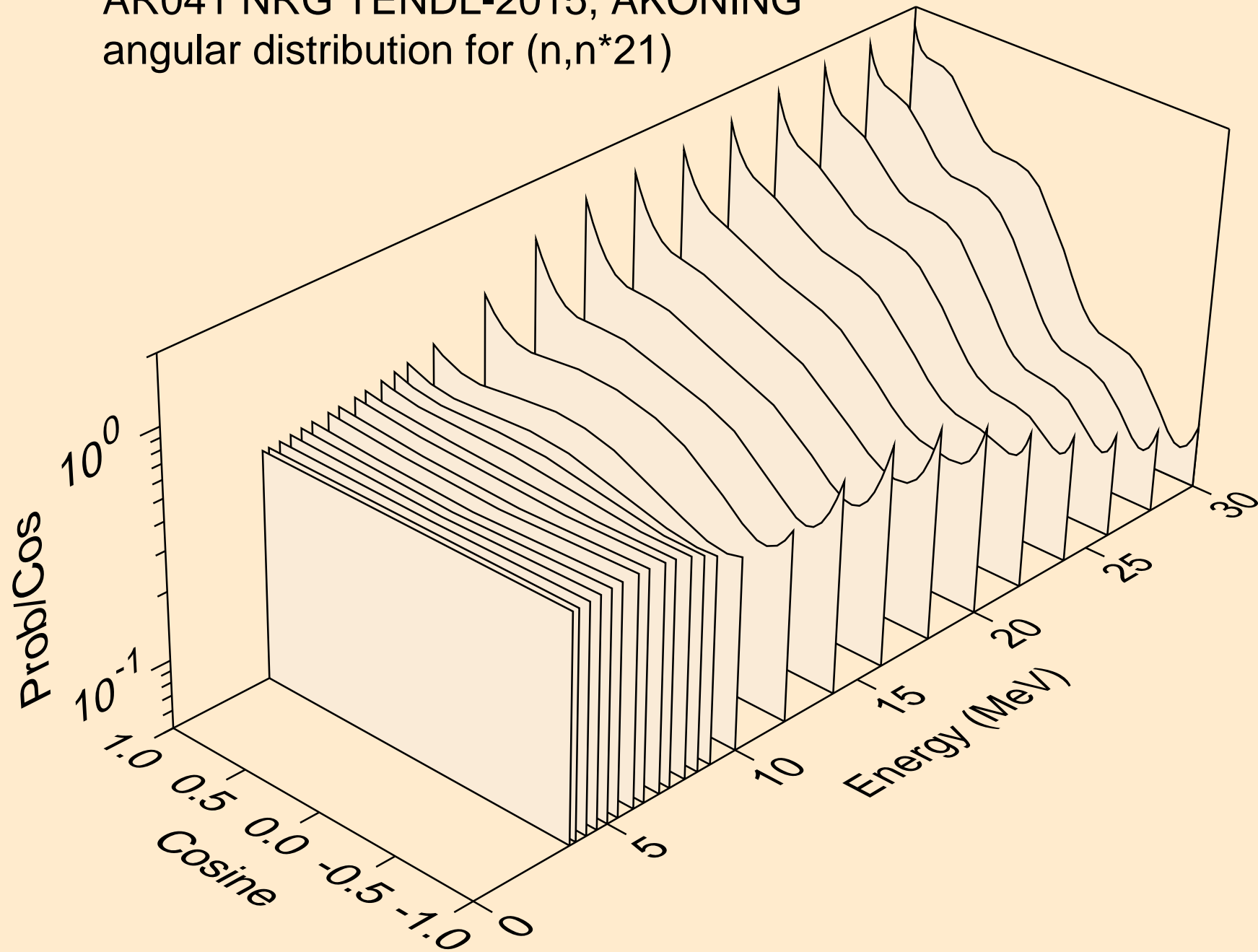
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angular distribution for (n,n\*19)



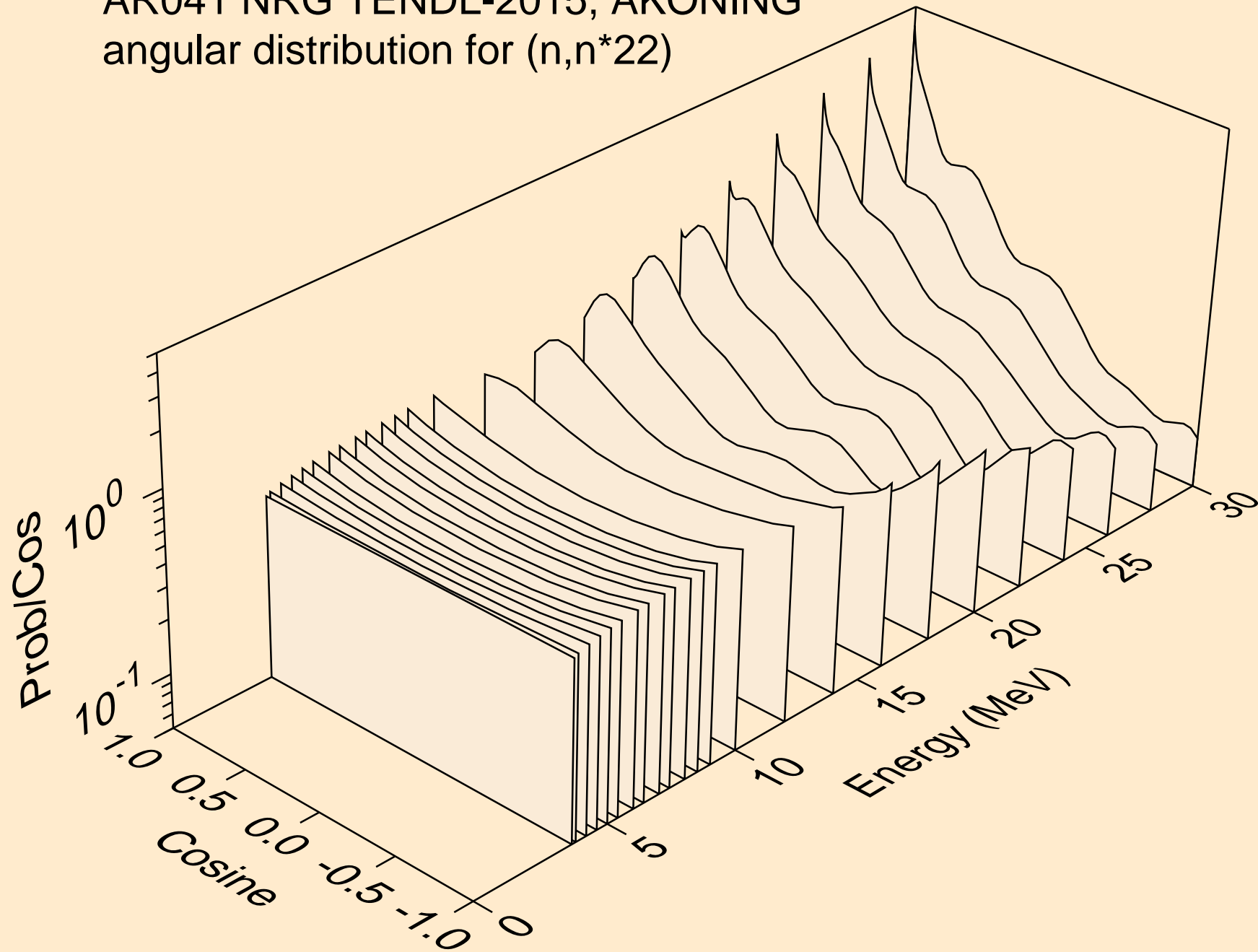
AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

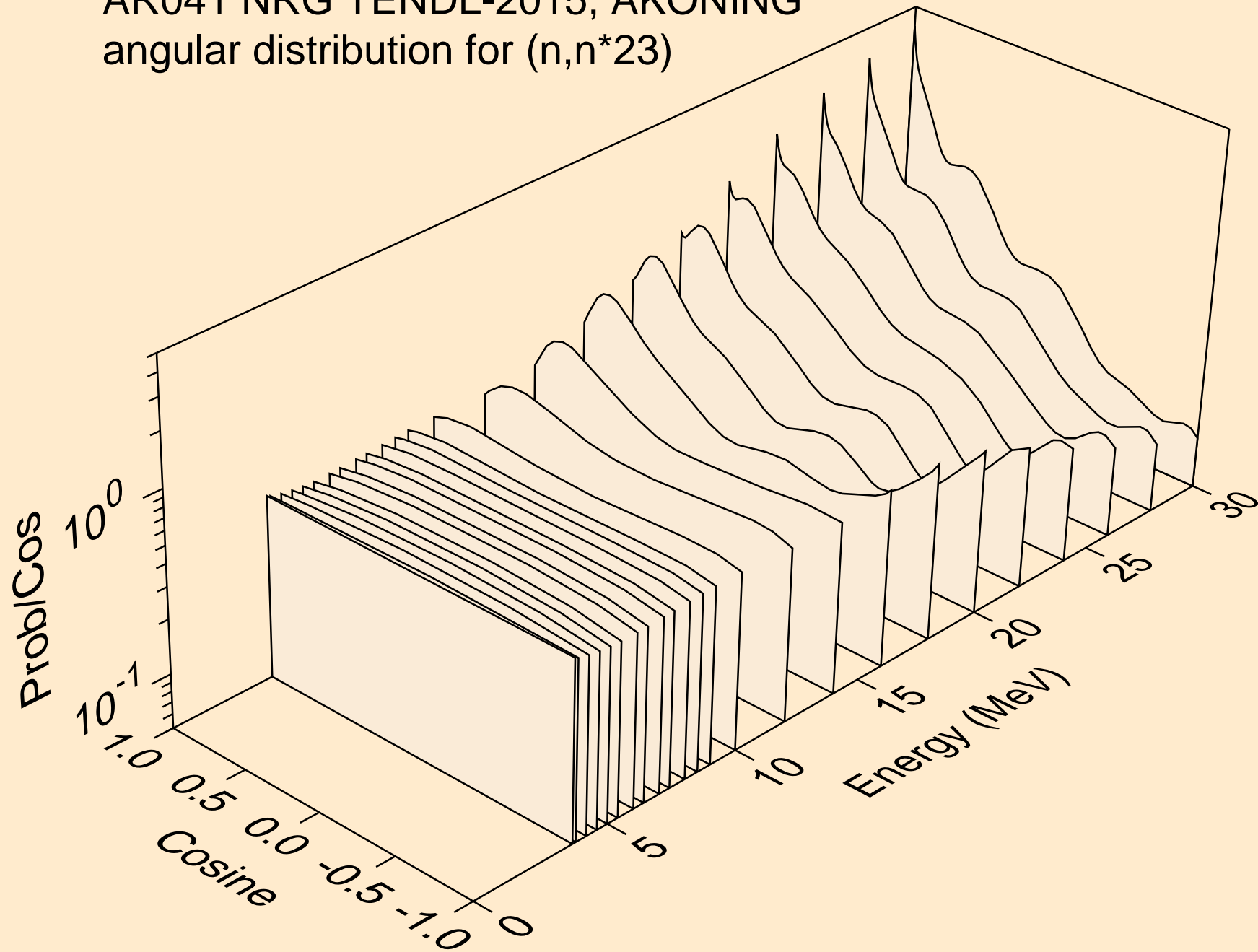


AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

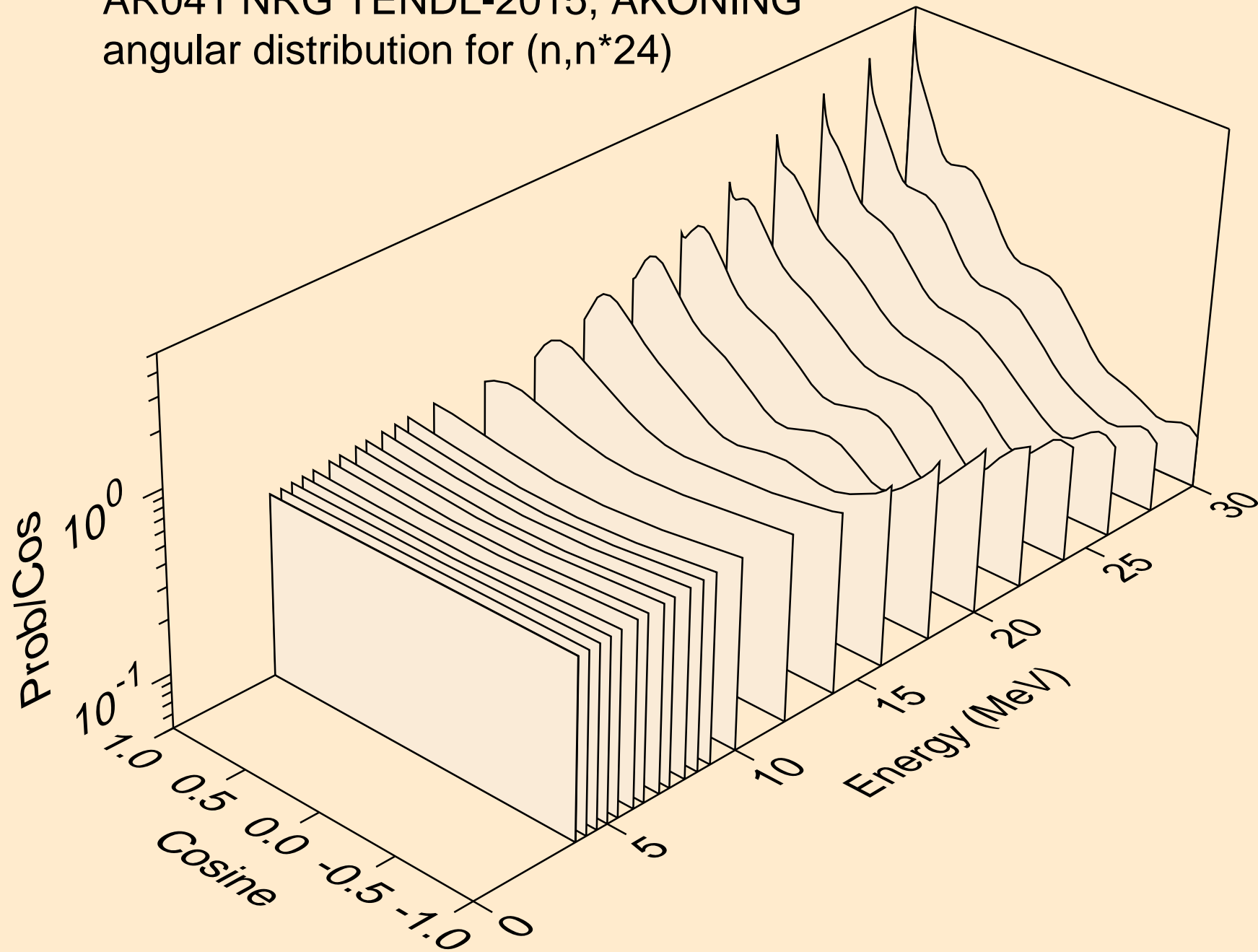




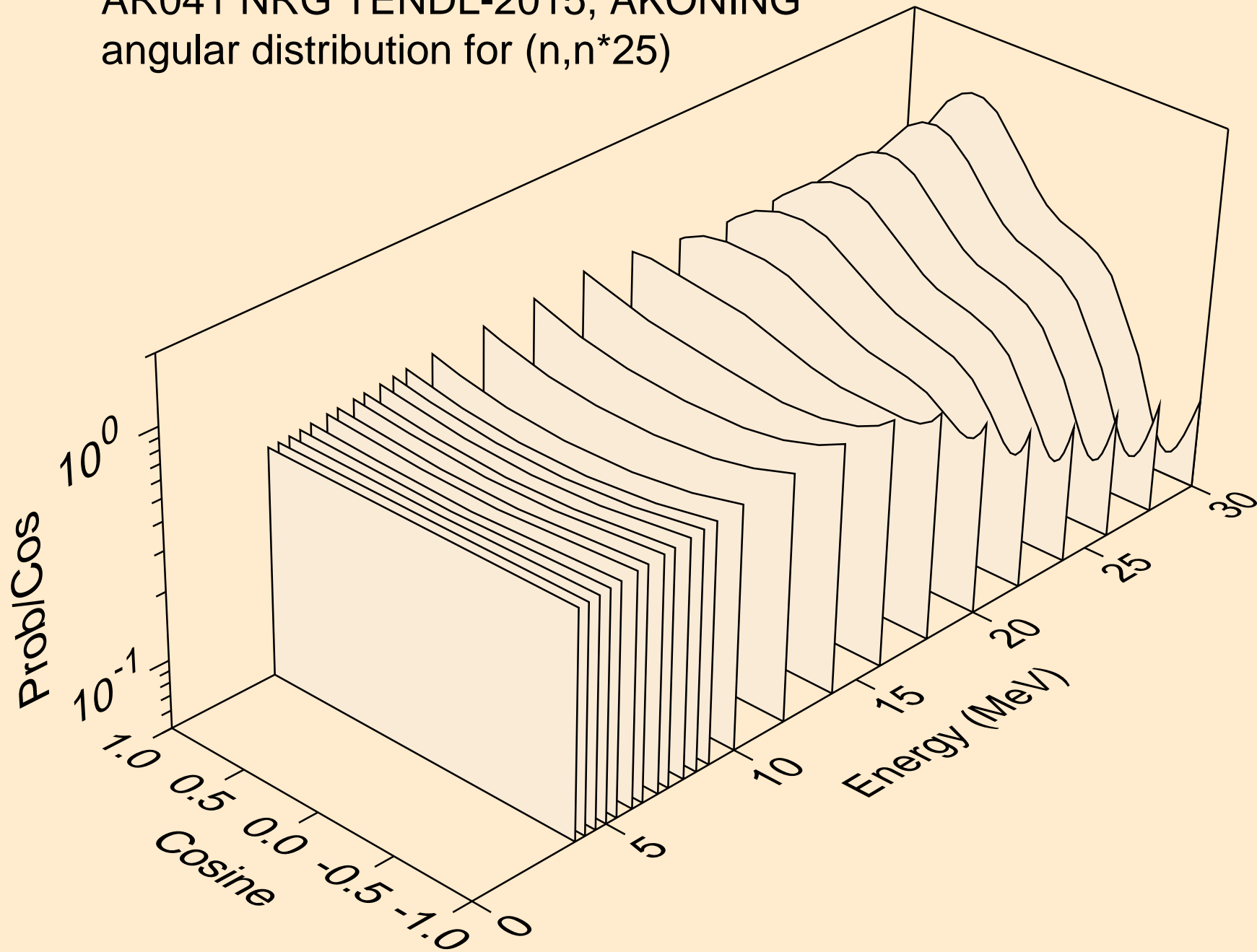
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angular distribution for (n,n\*23)



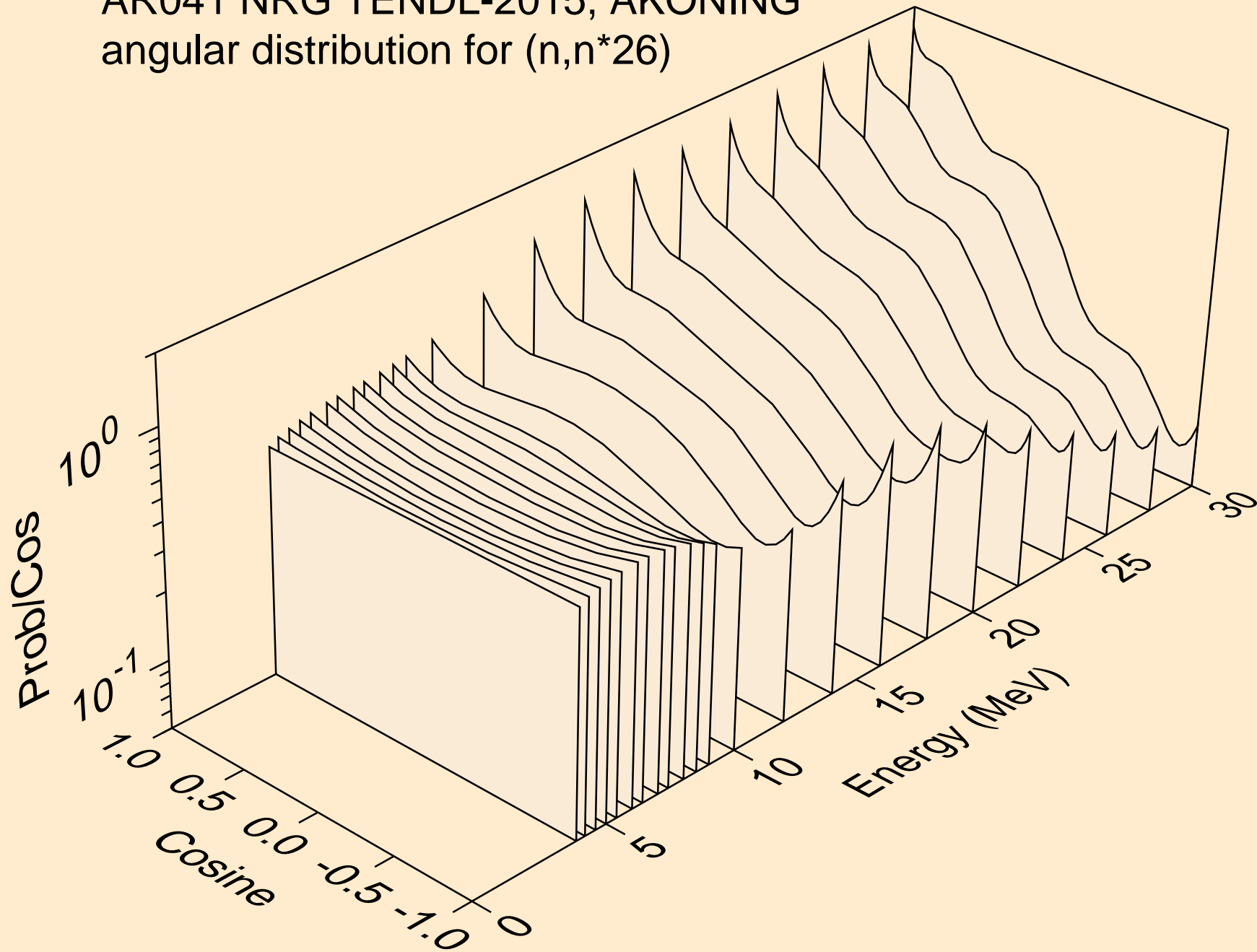
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angular distribution for (n,n\*24)



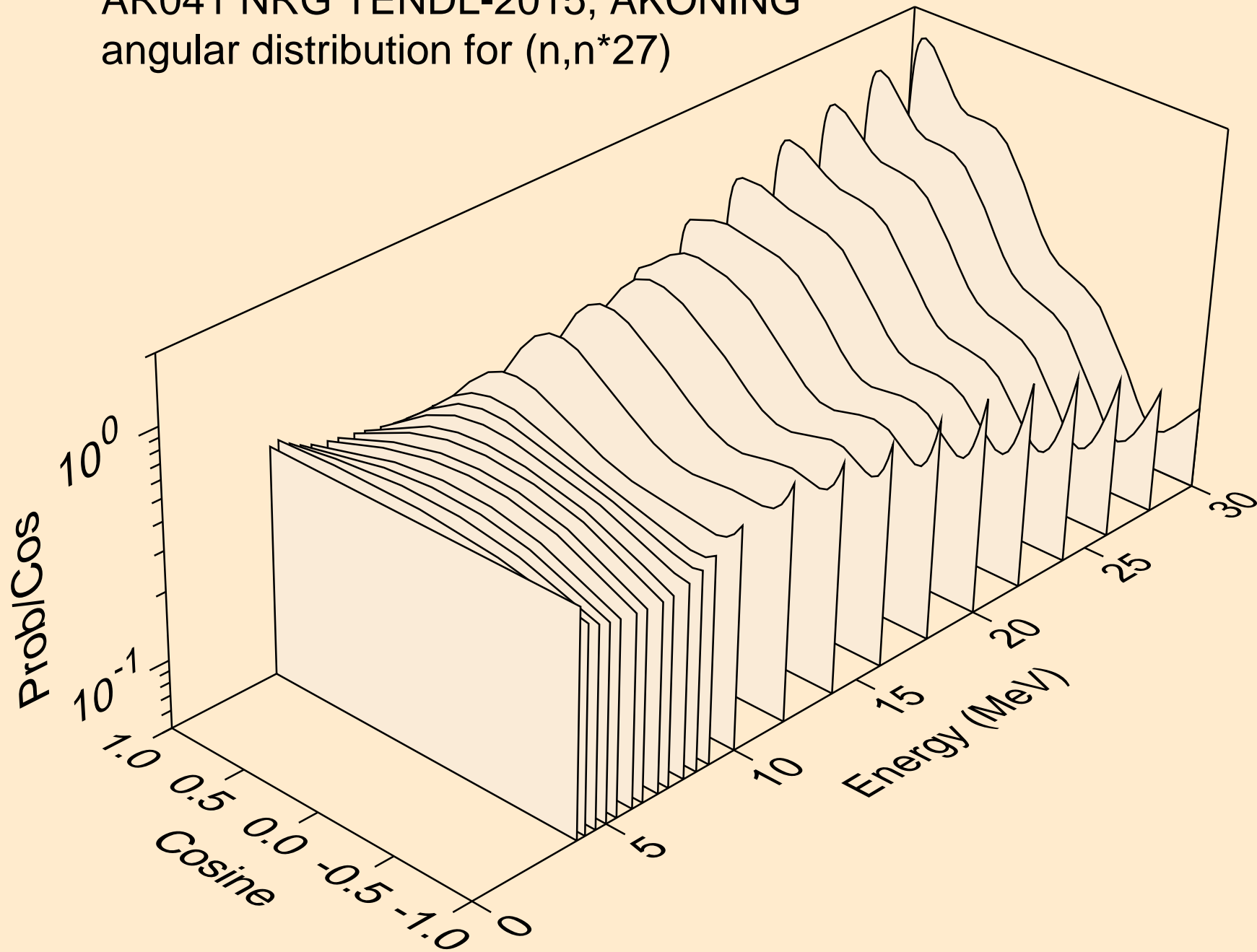
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angular distribution for (n,n\*25)



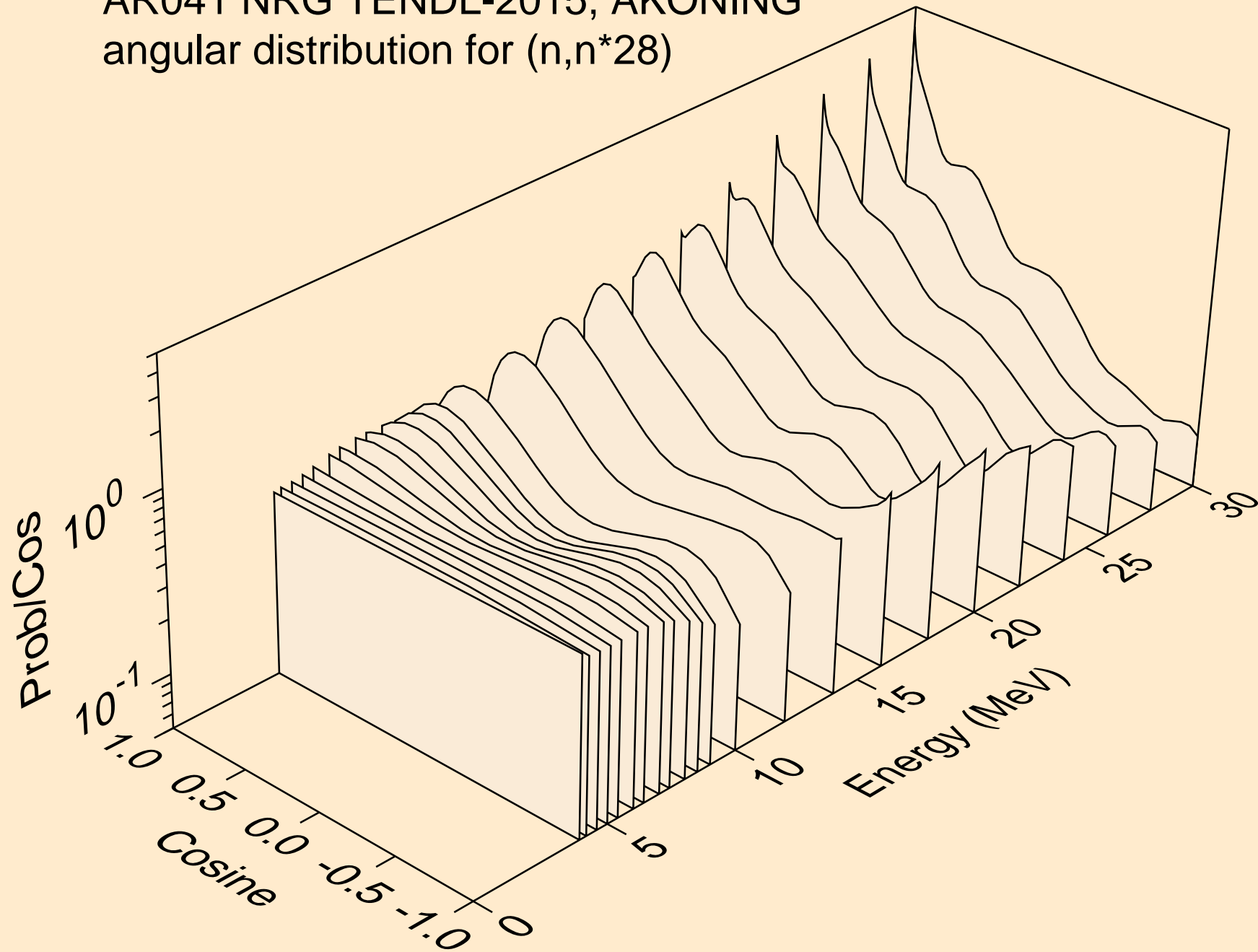
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angular distribution for (n,n\*26)



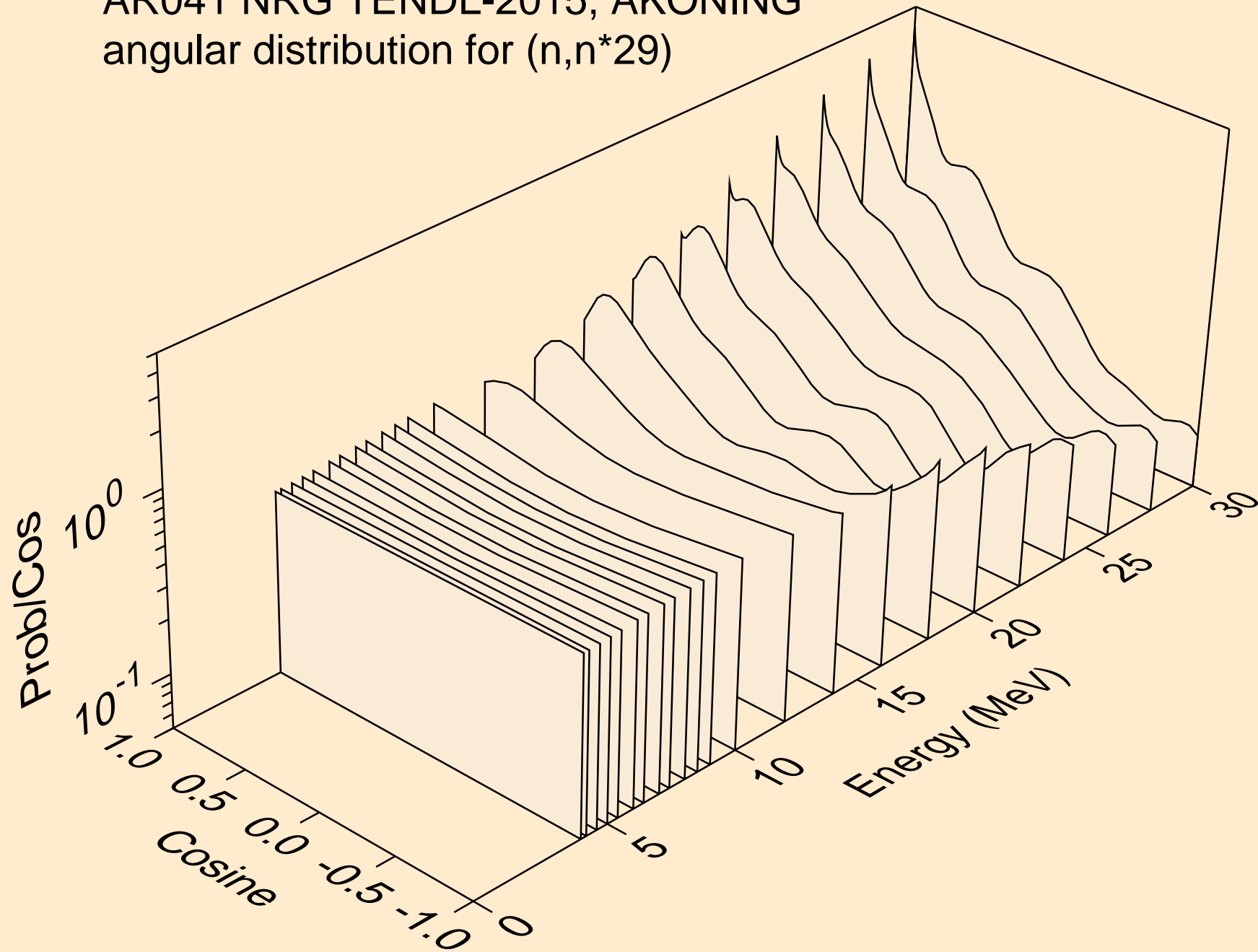
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angular distribution for (n,n\*27)



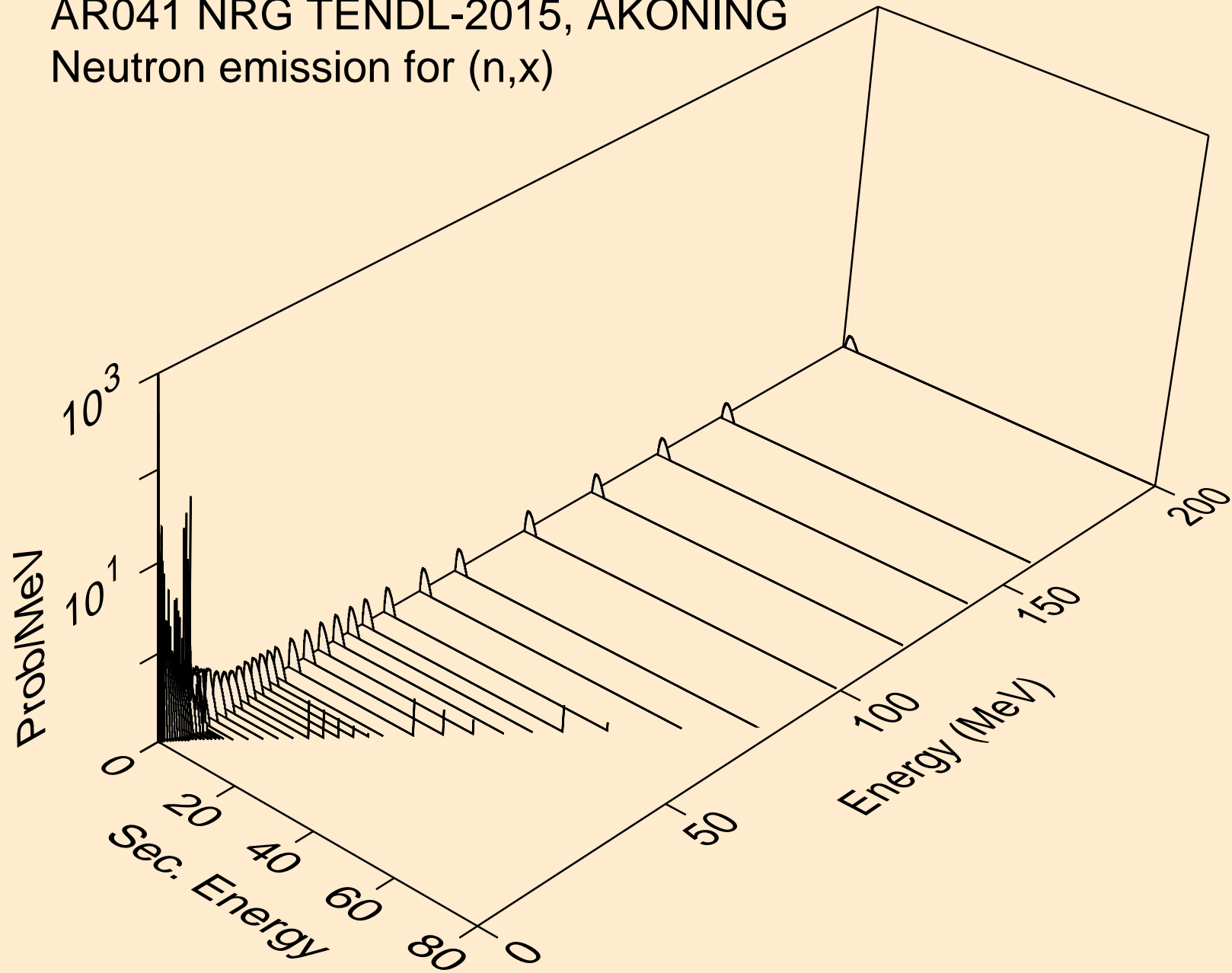
AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



AR041 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

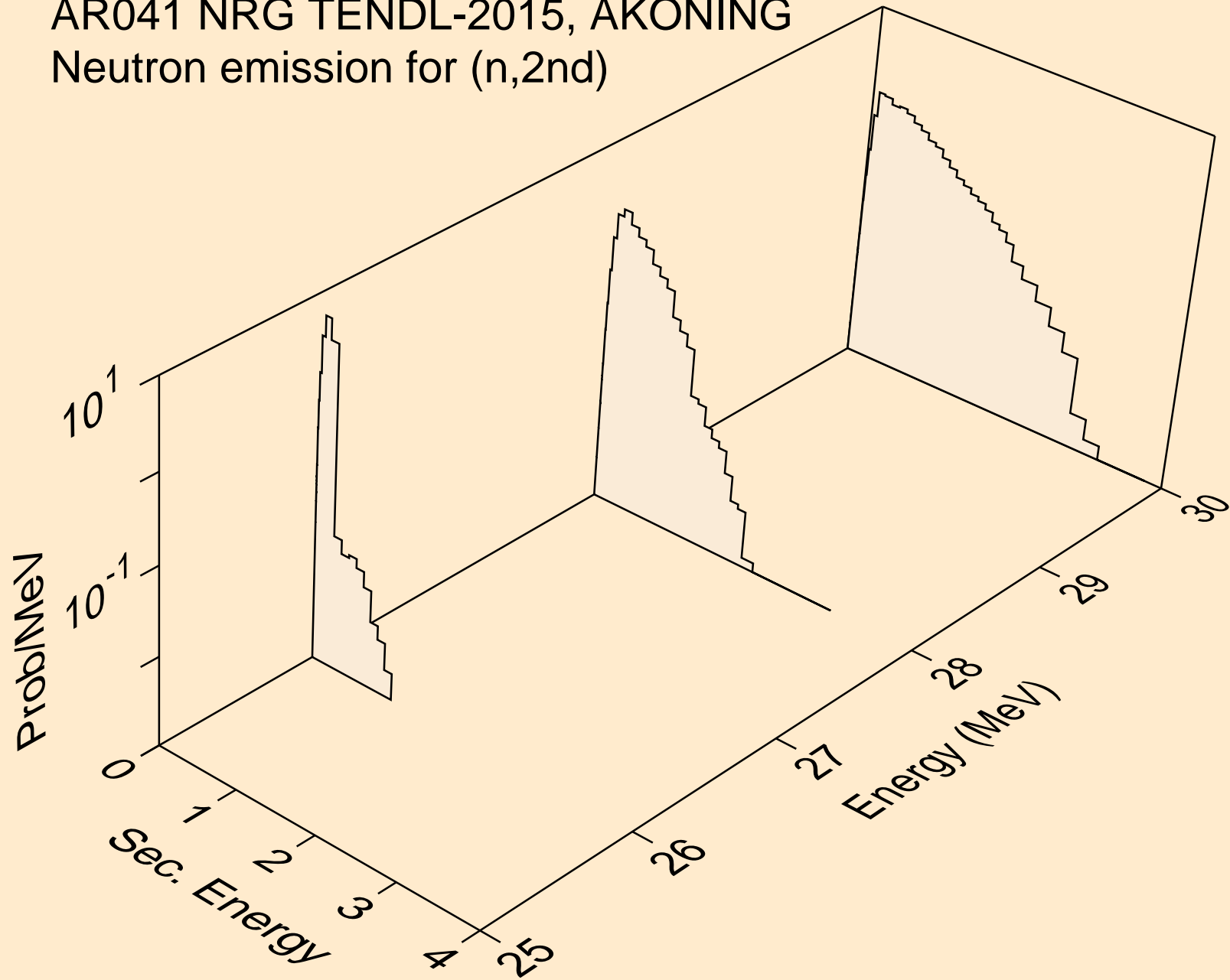


AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

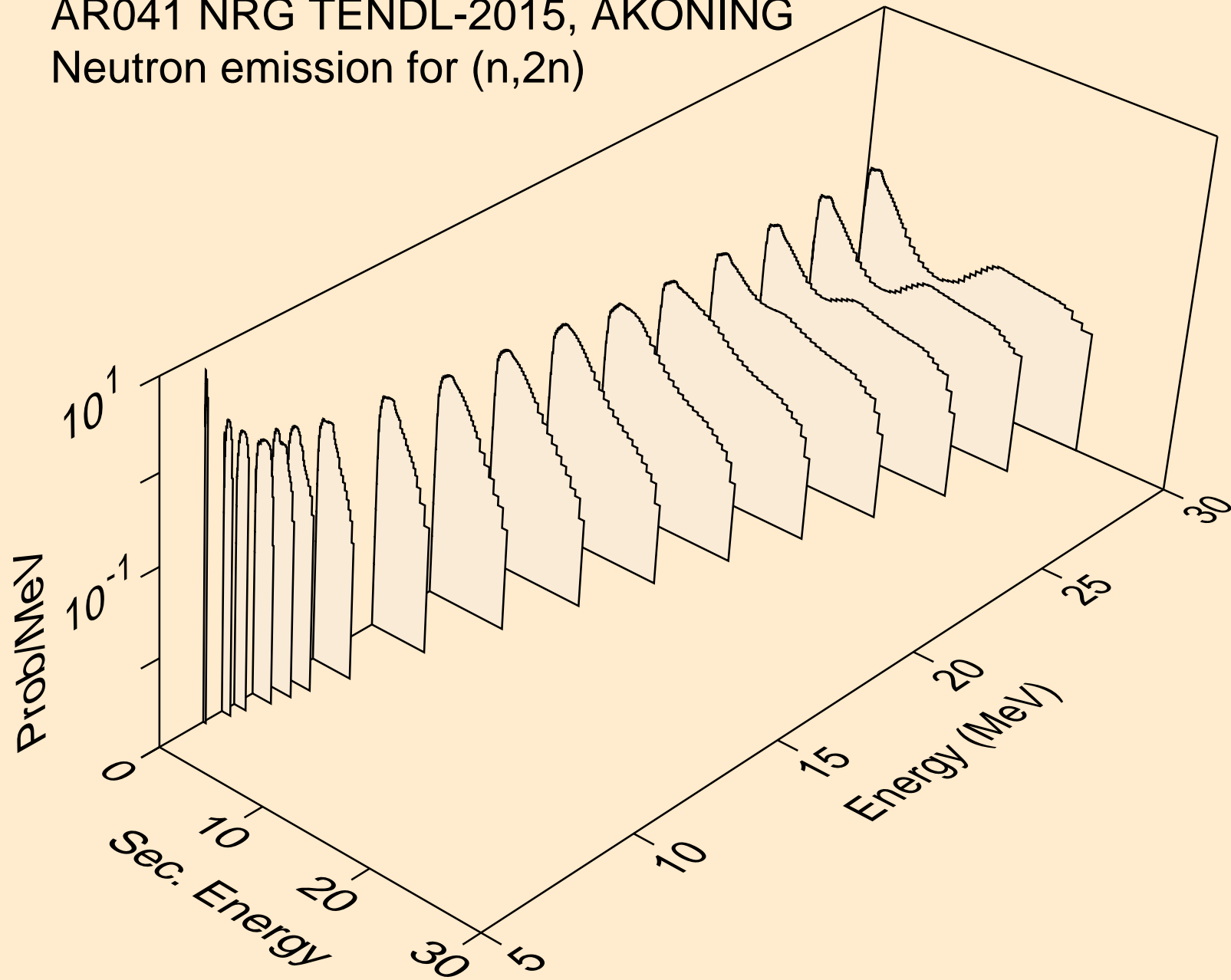




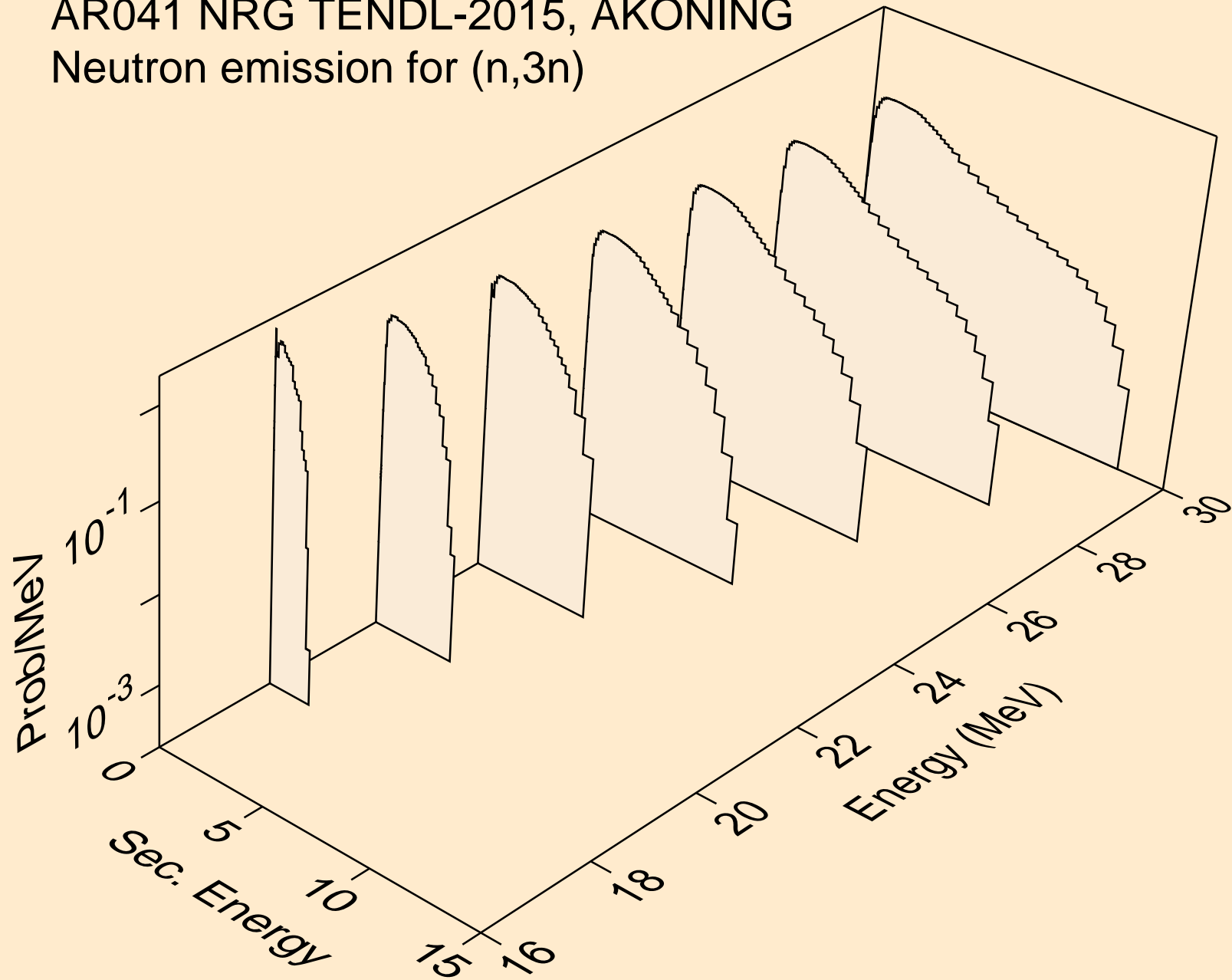
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



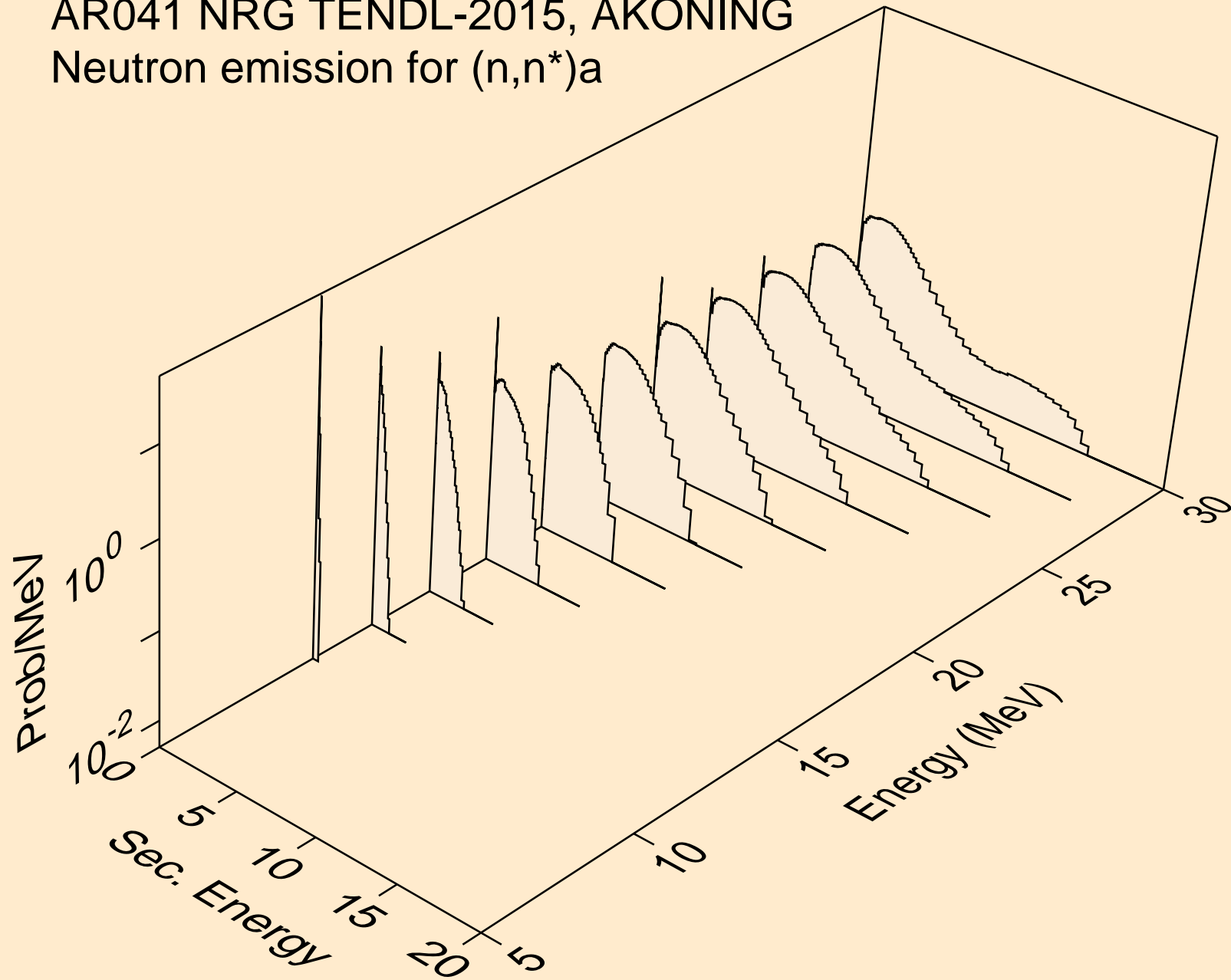
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



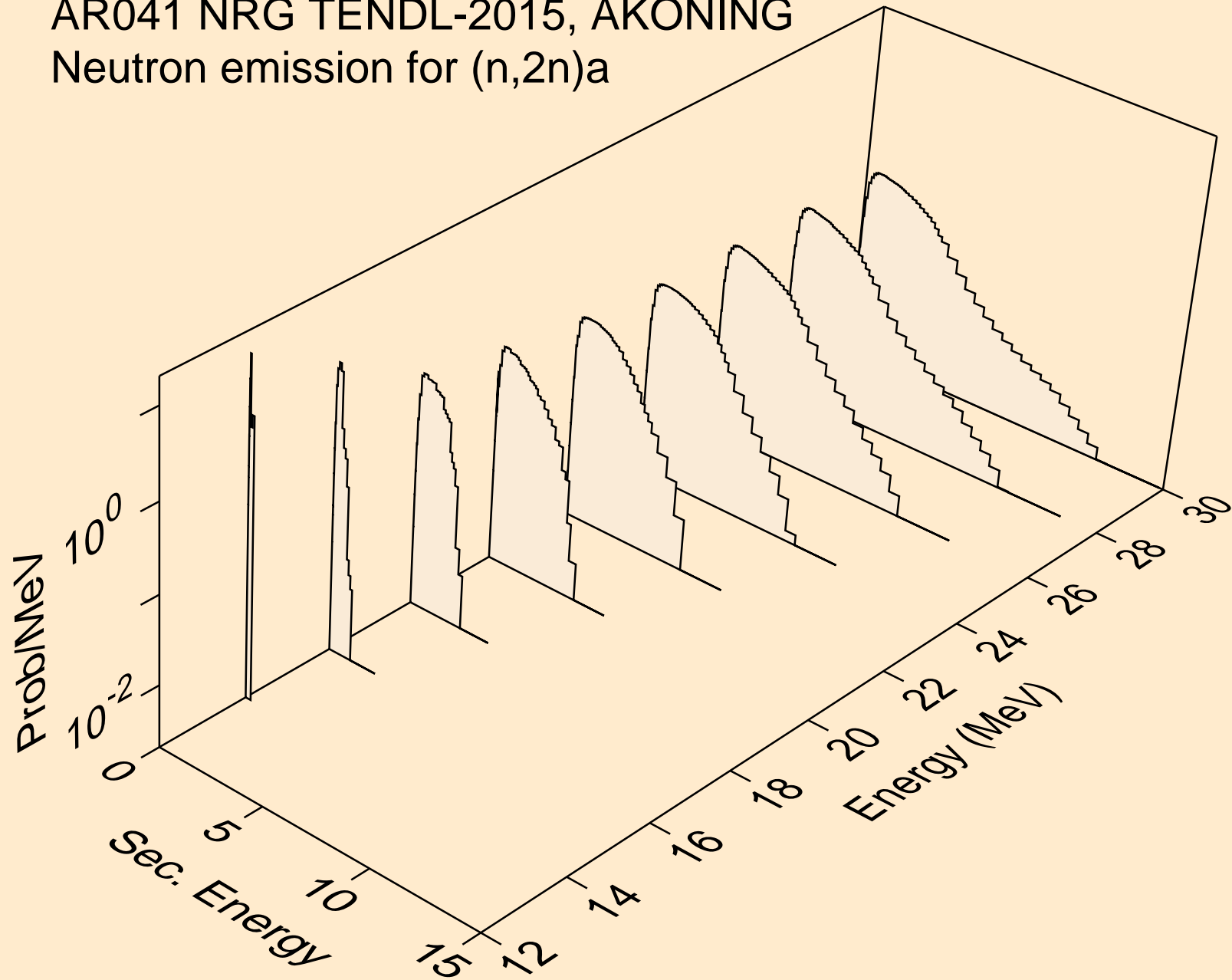
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



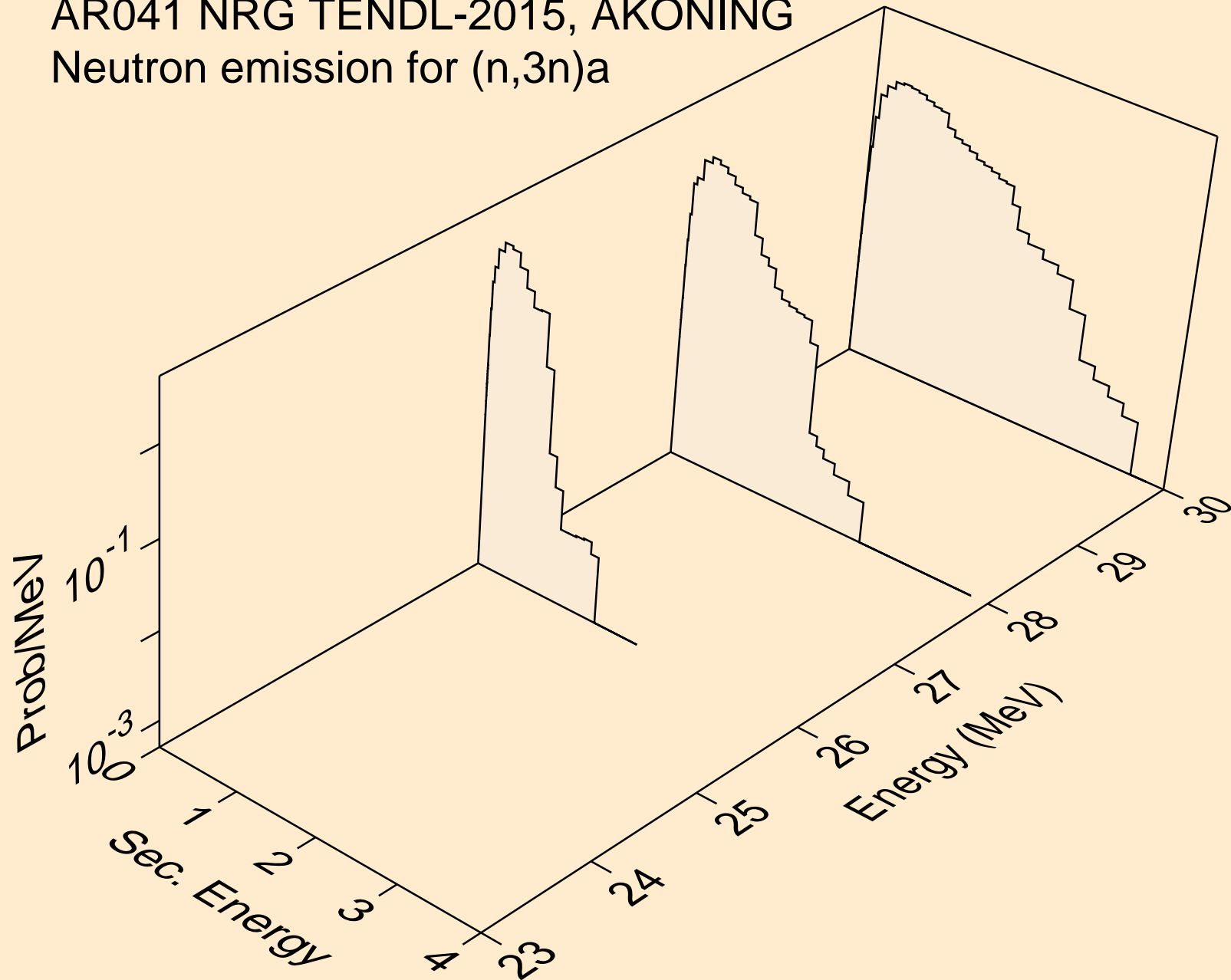
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



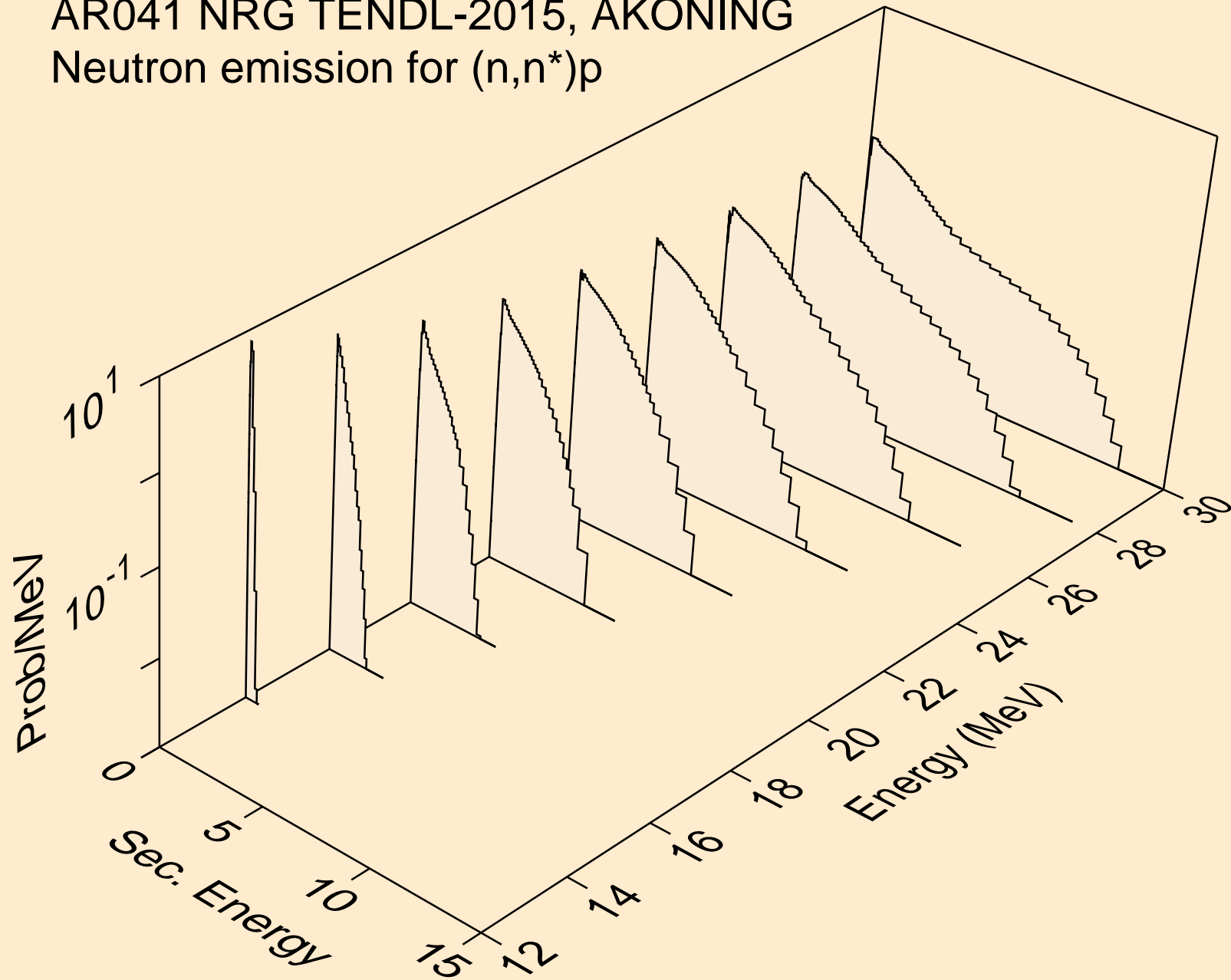
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



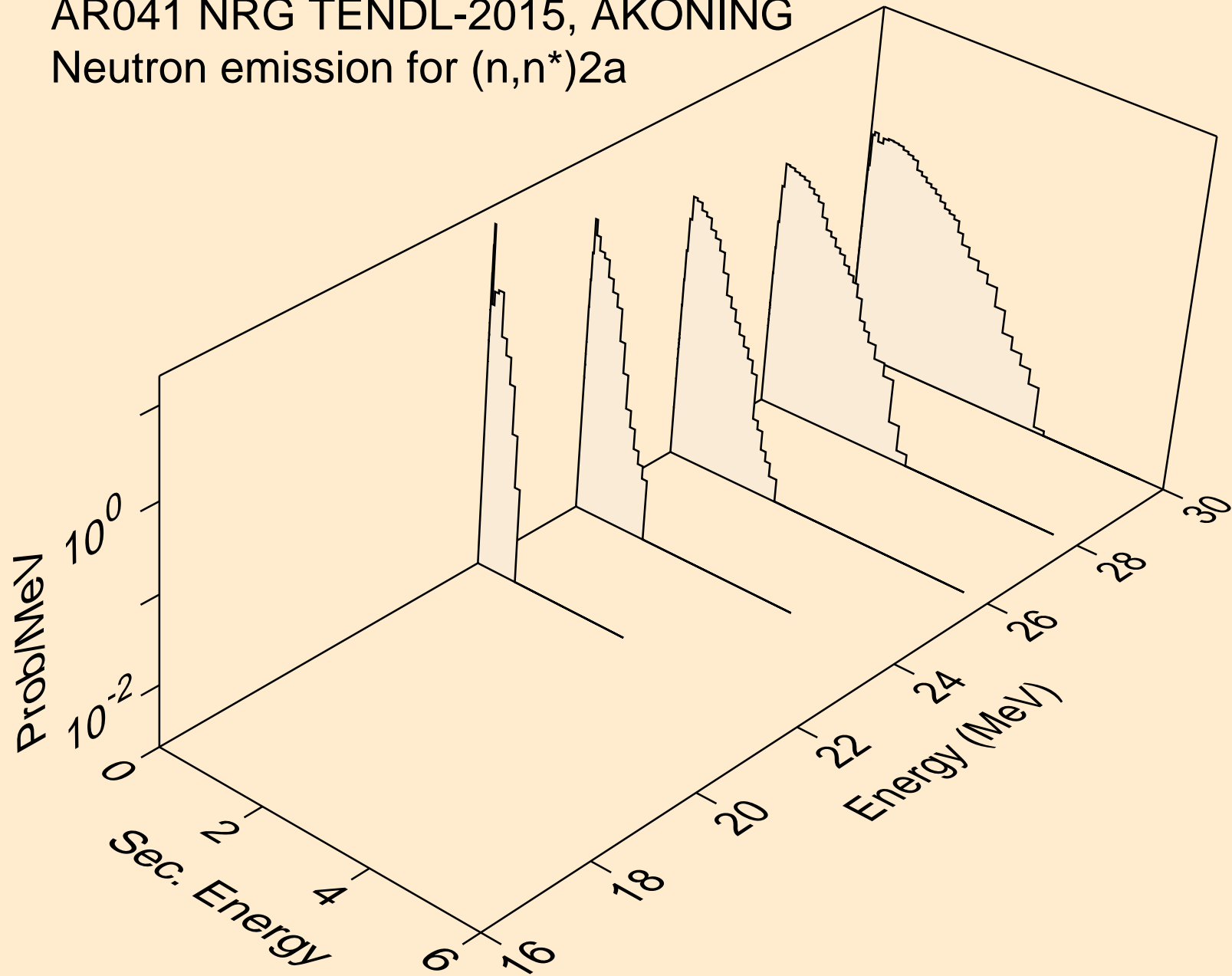
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

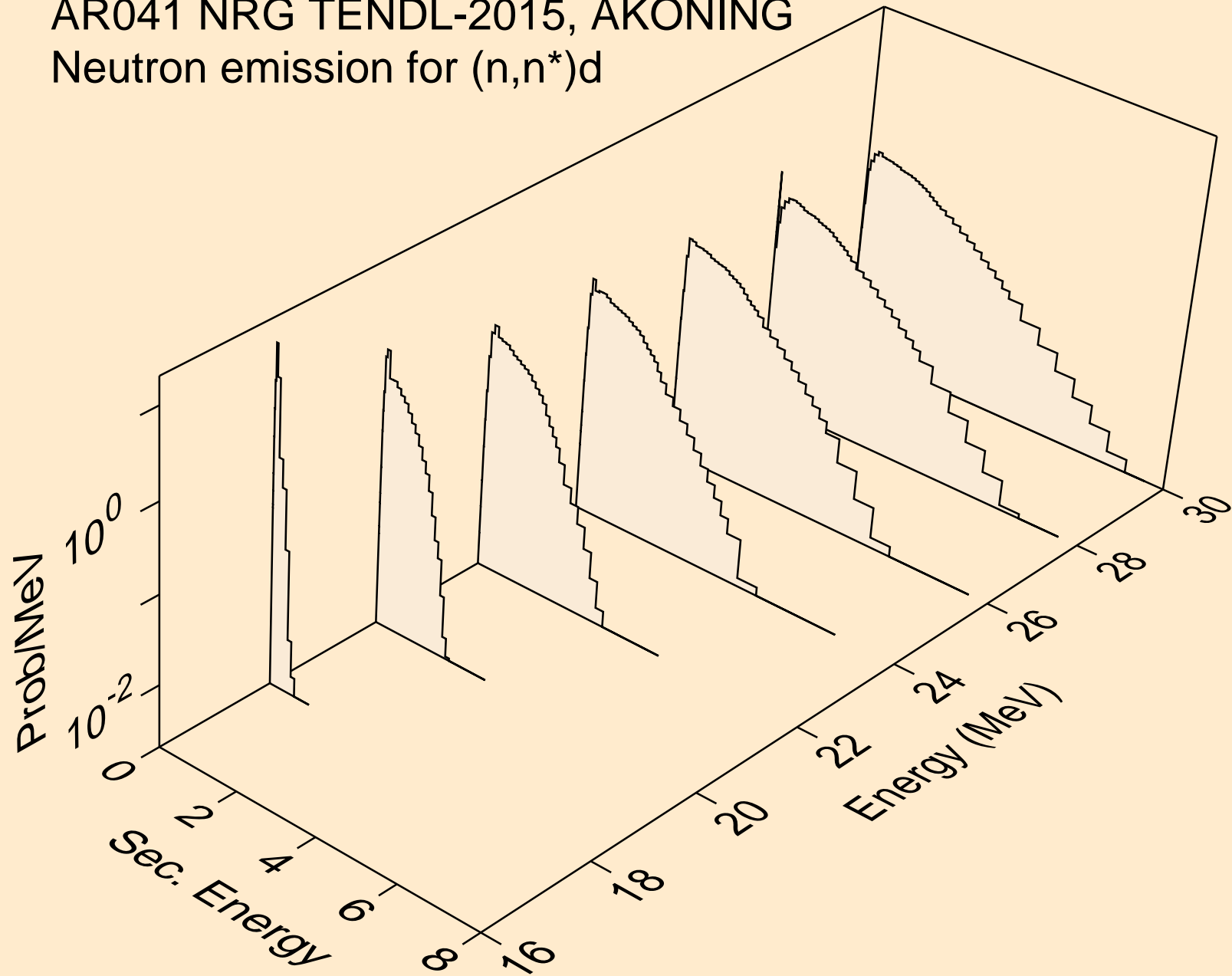


AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

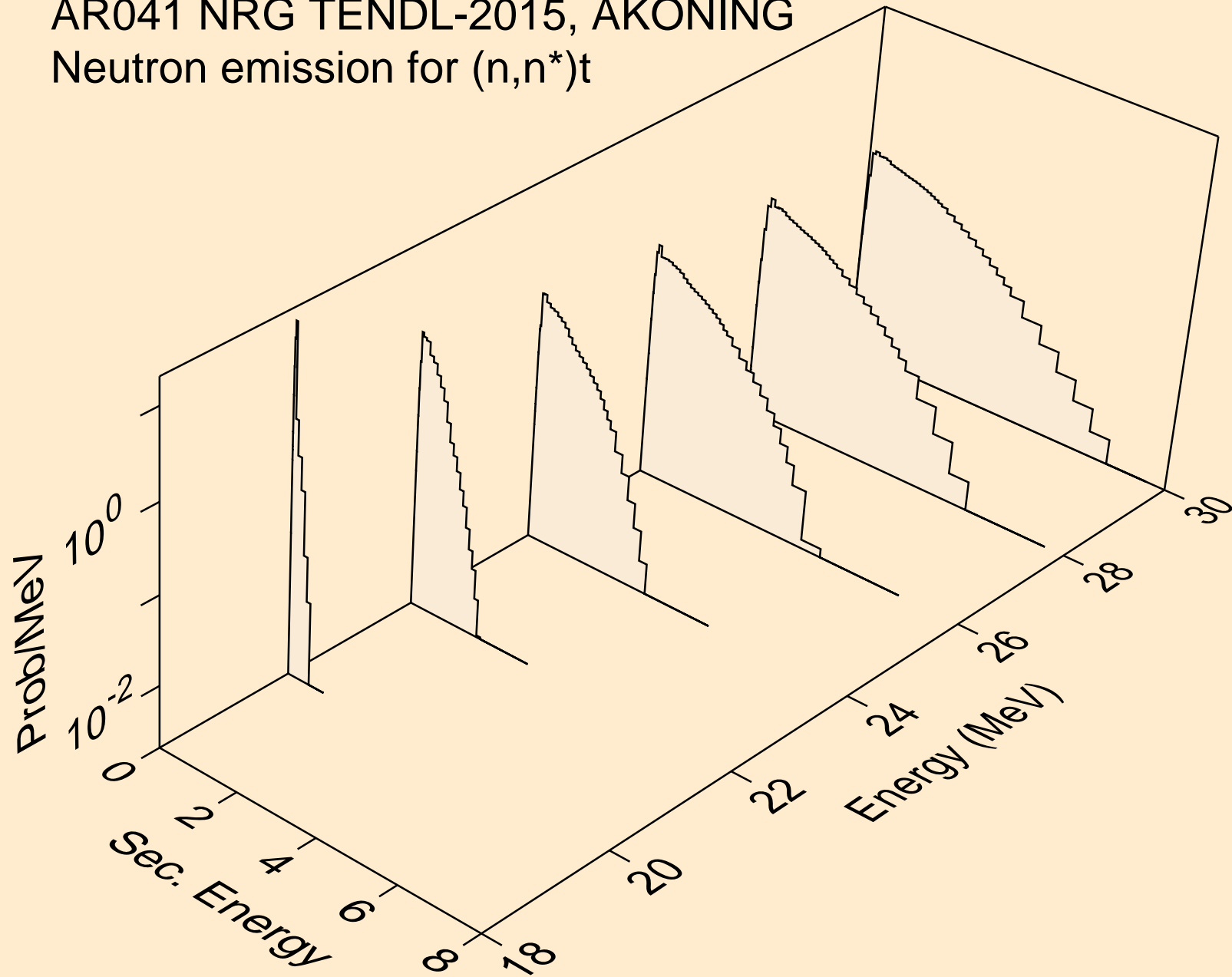




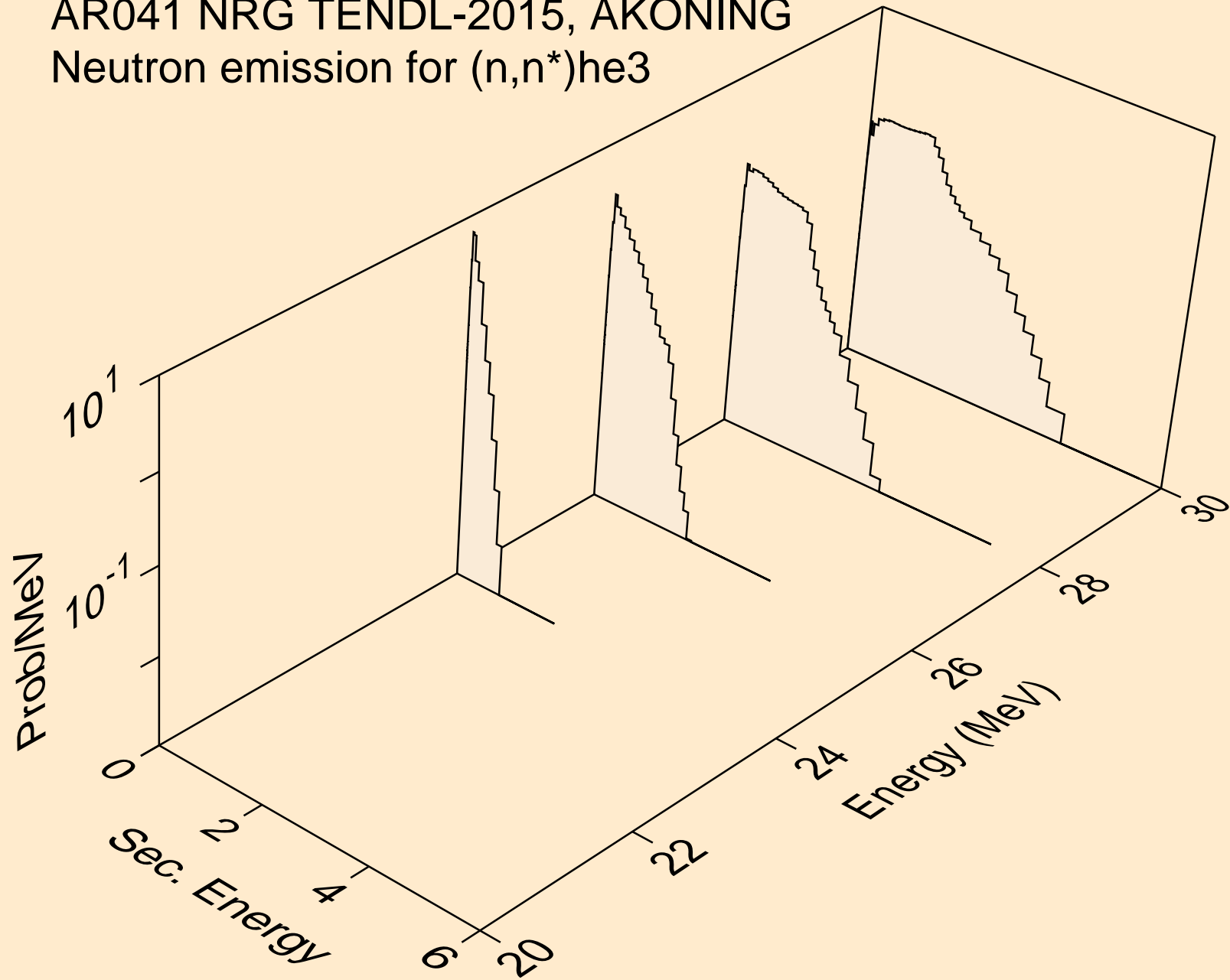
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Neutron emission for (n,n\*)d



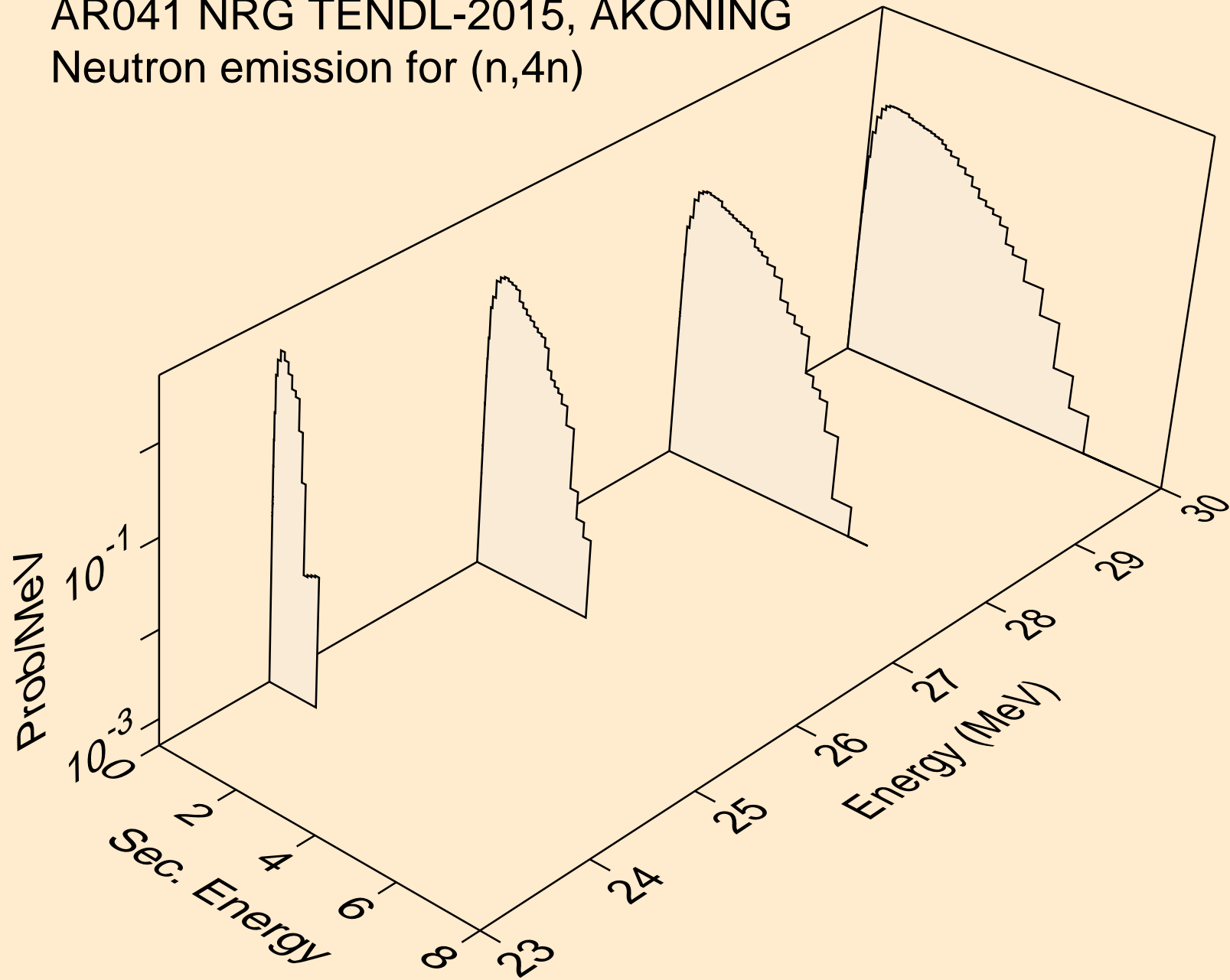
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Neutron emission for (n,n\*)t



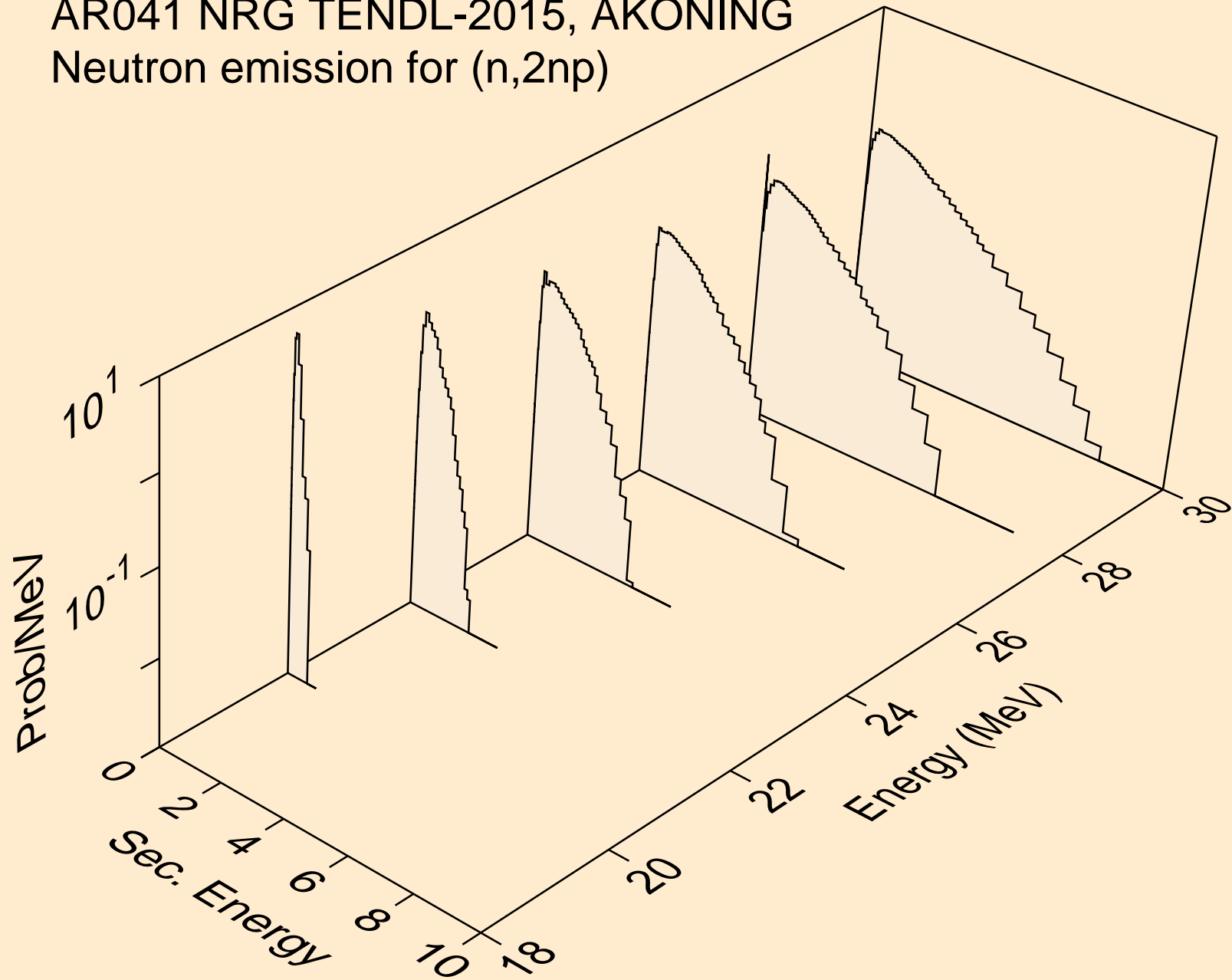
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



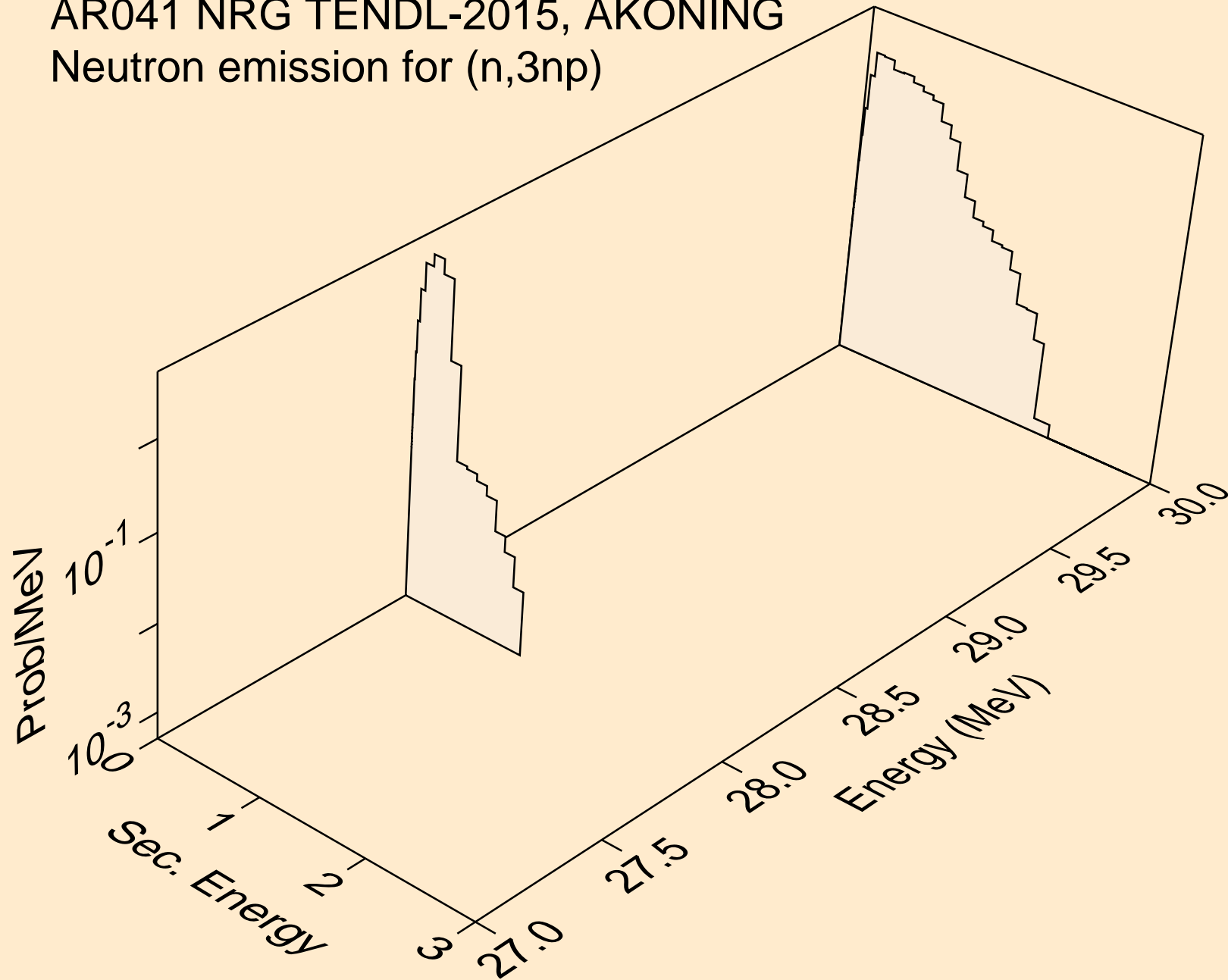
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



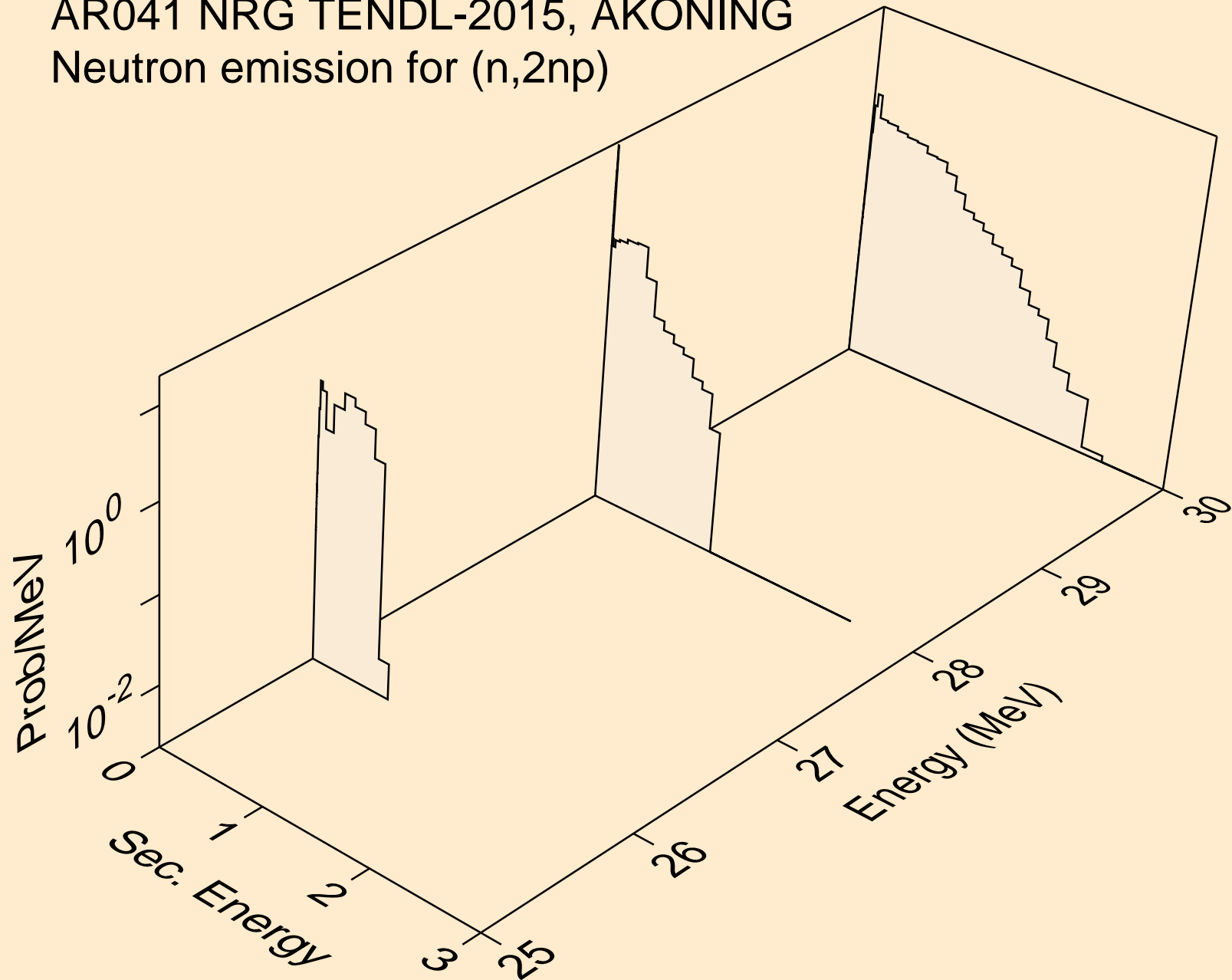
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



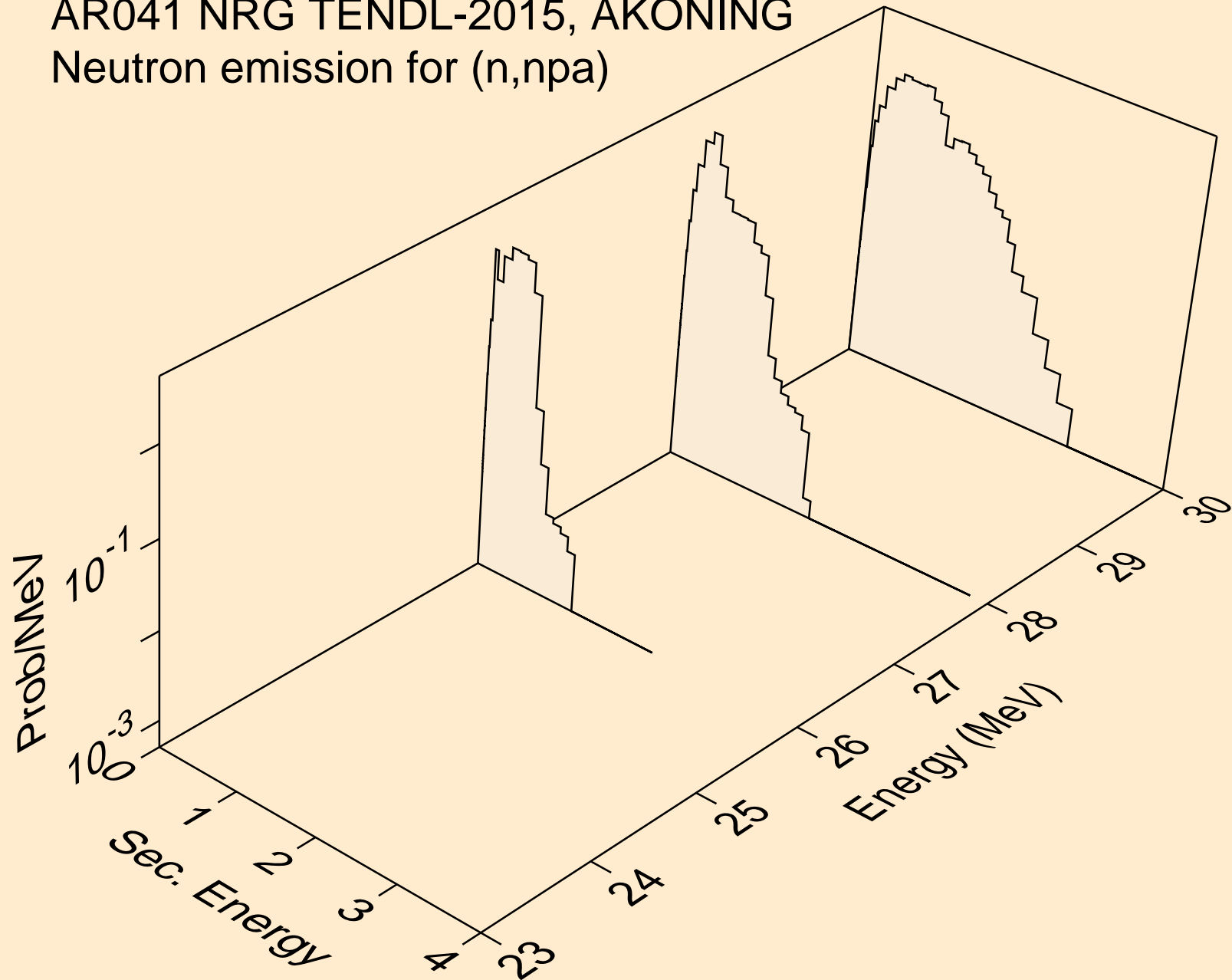
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

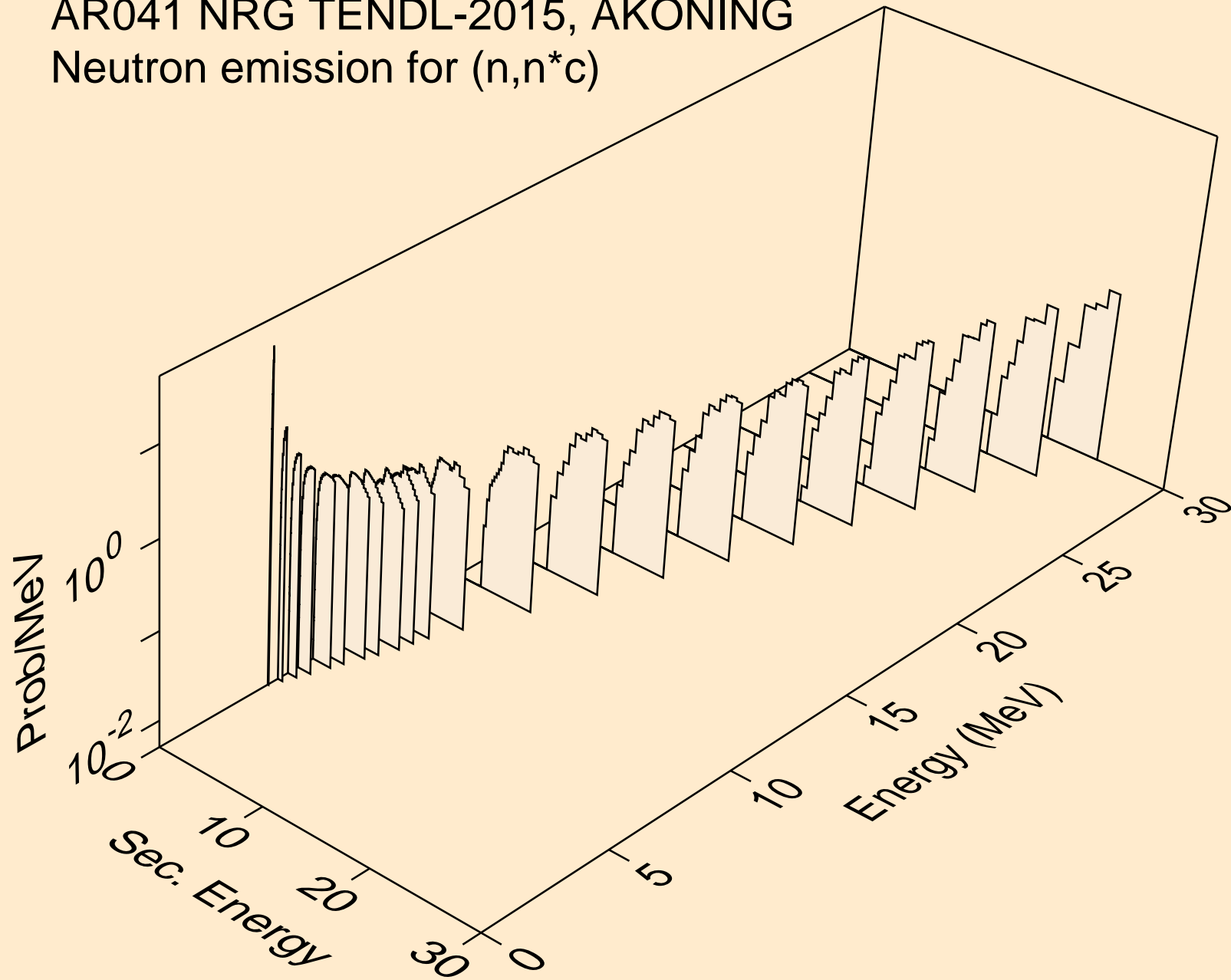


AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

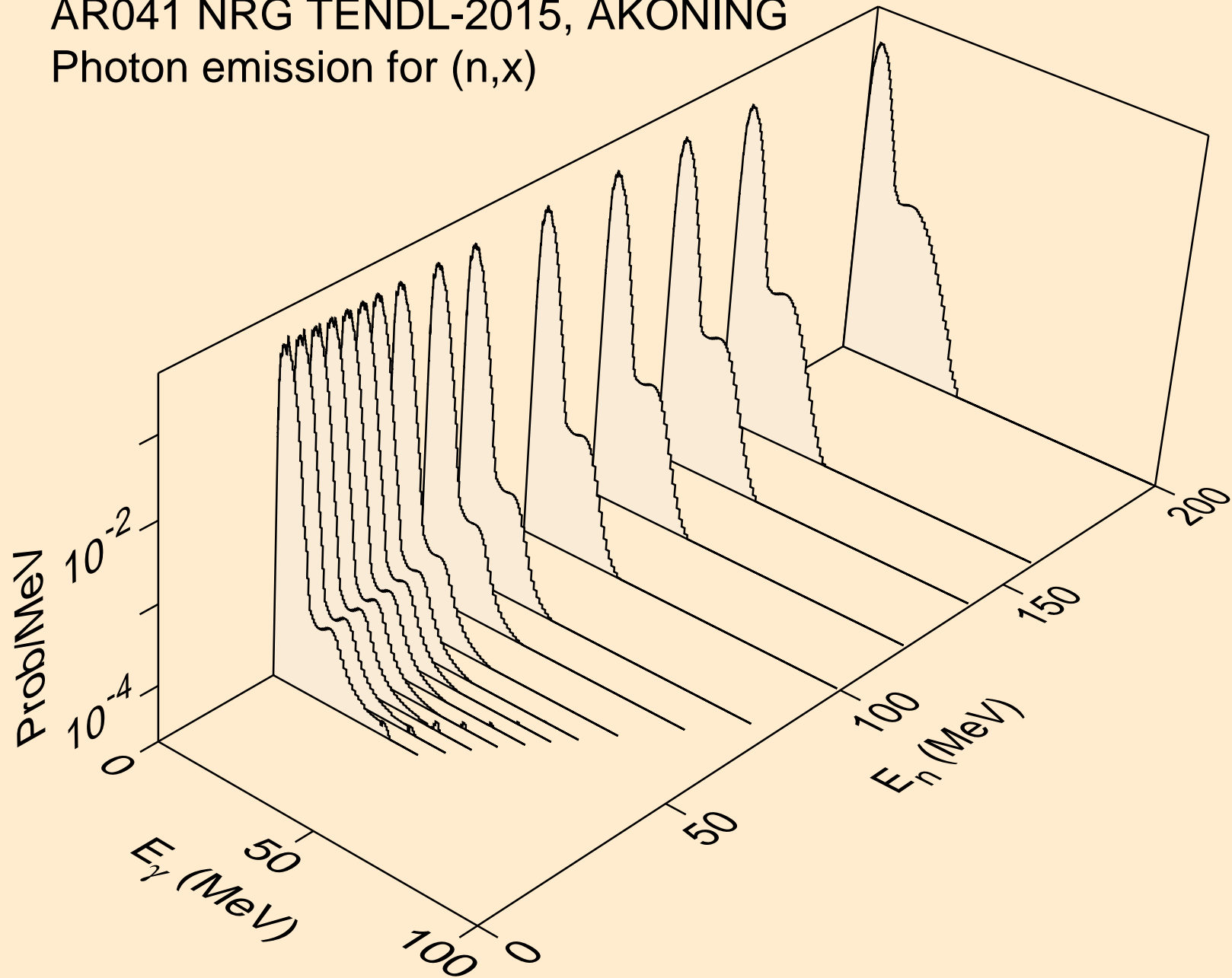




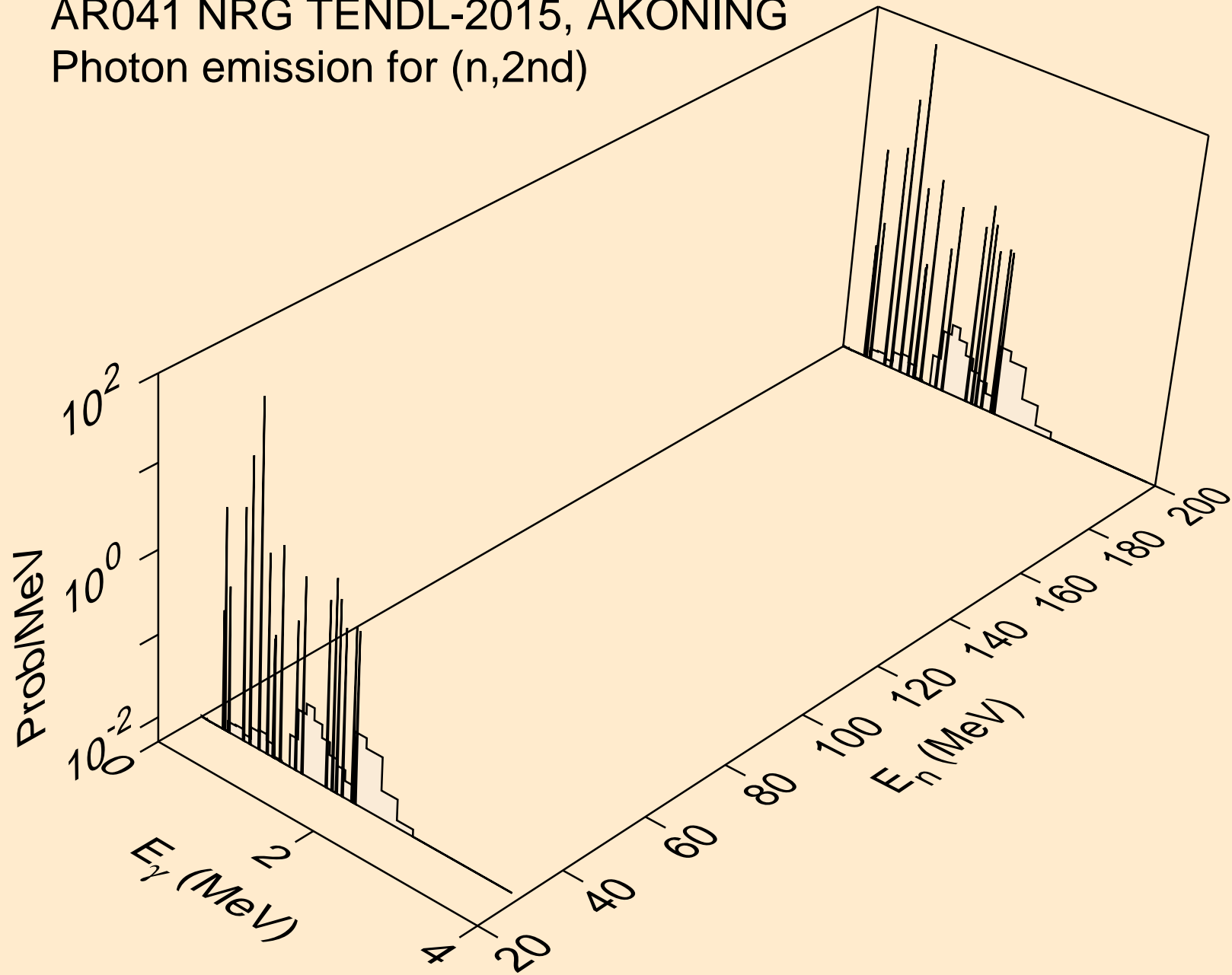
AR041 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



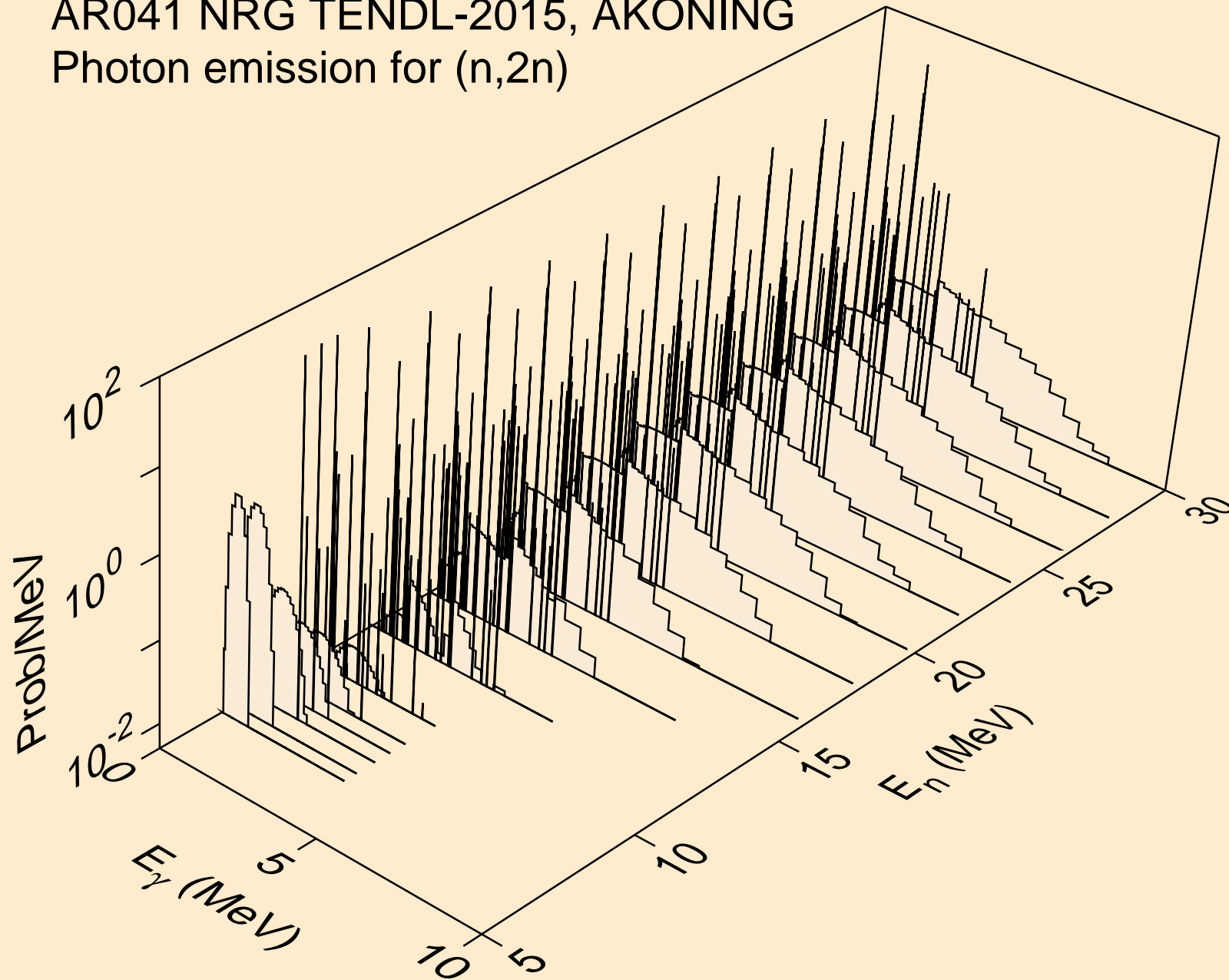
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



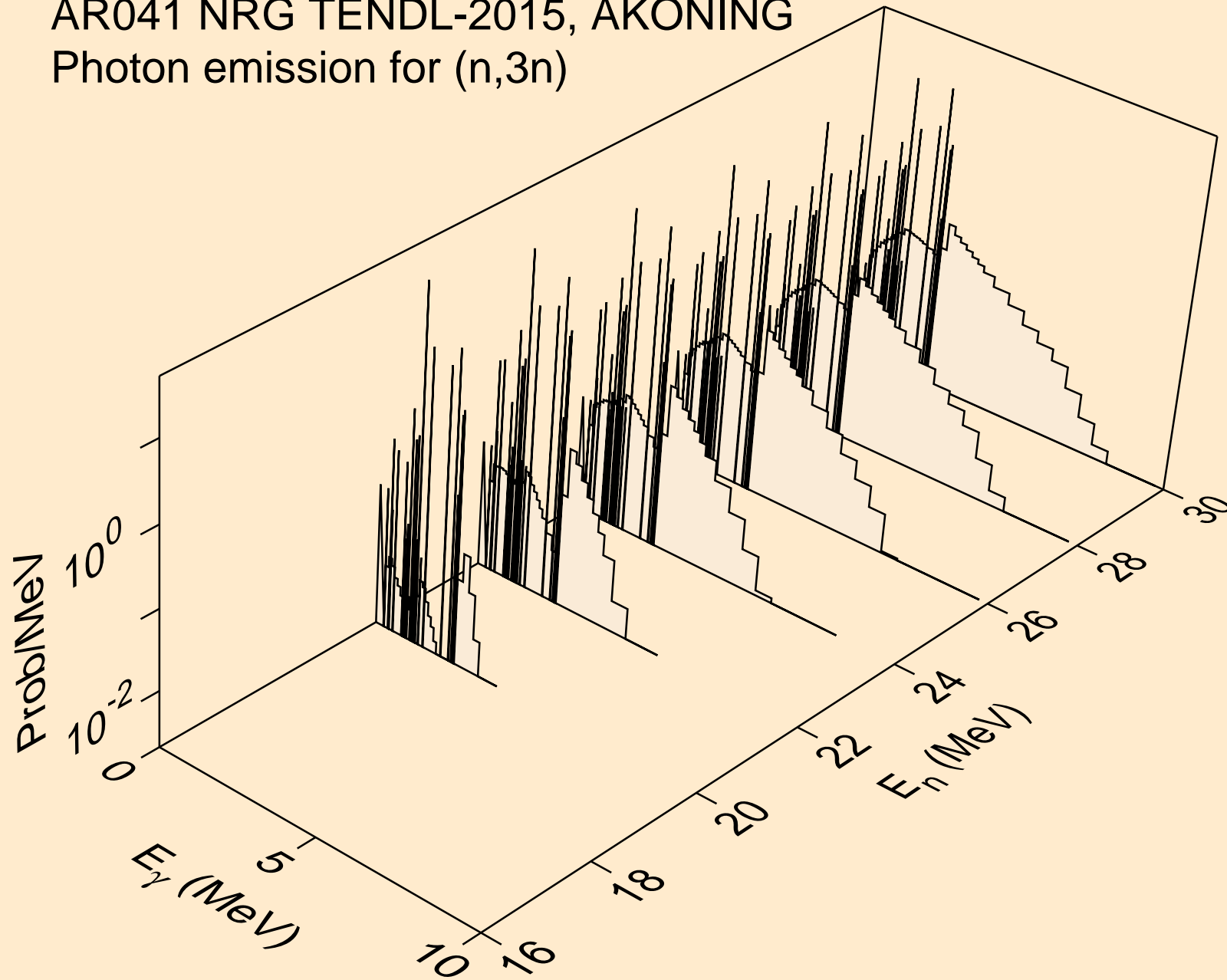
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



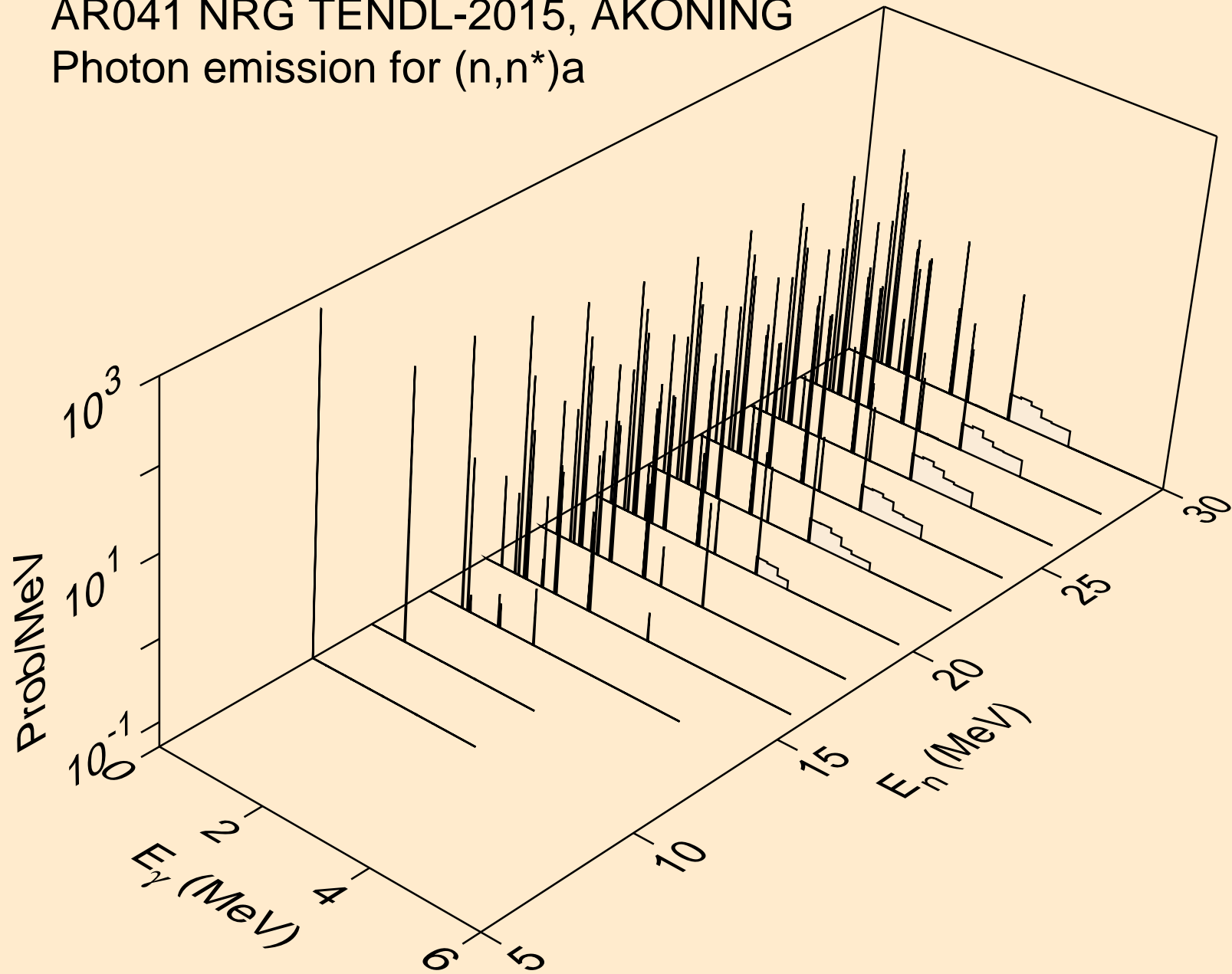
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



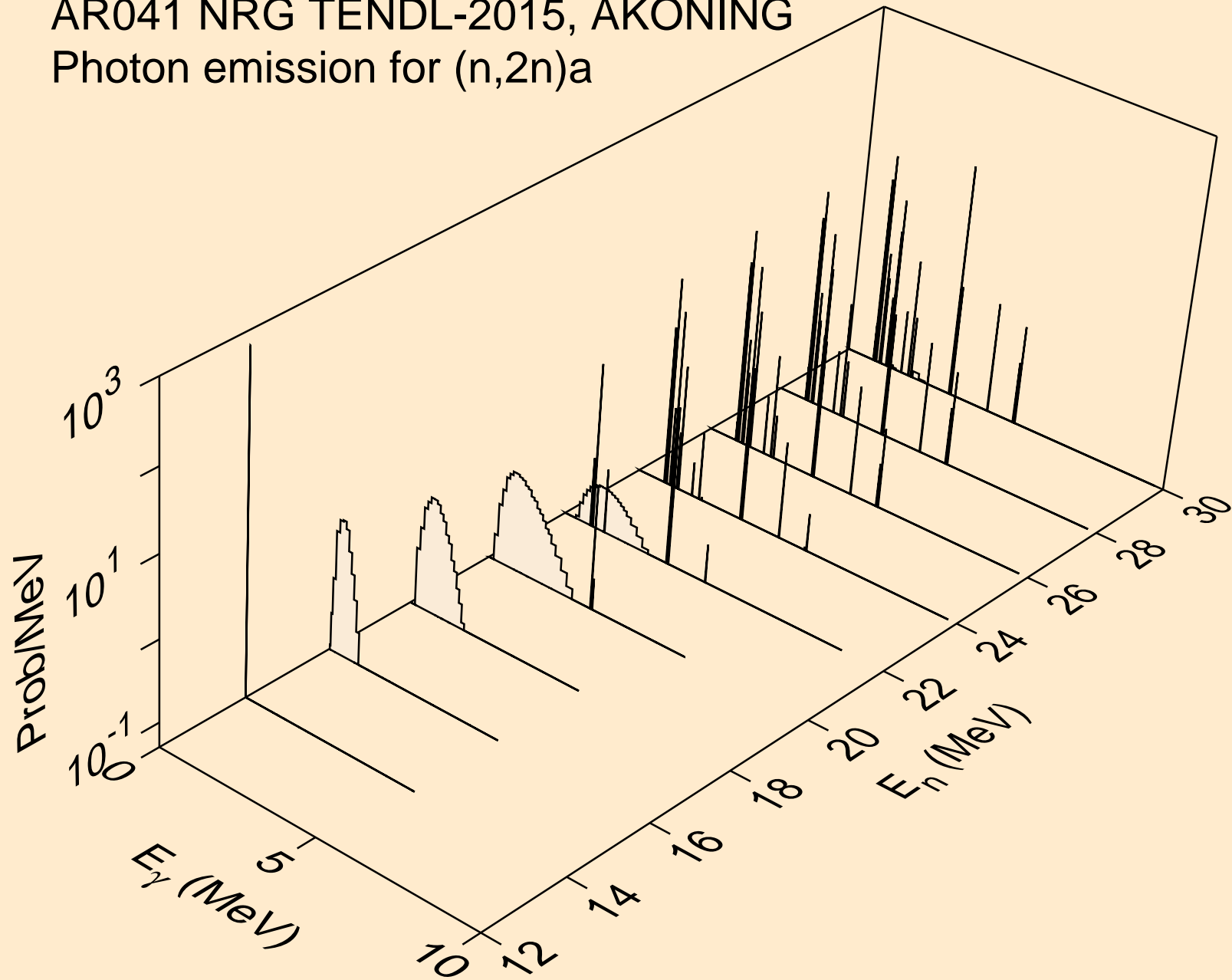
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



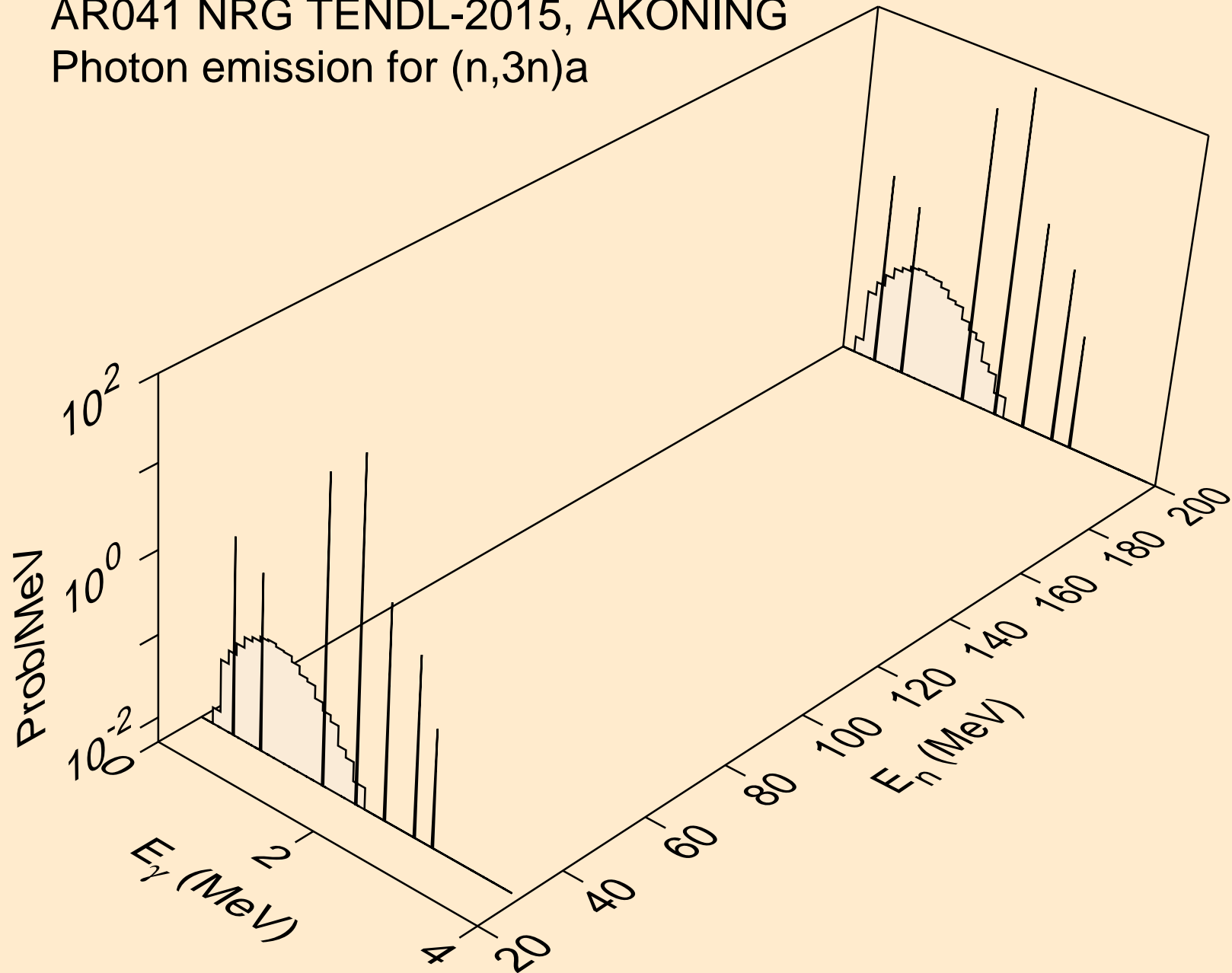
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

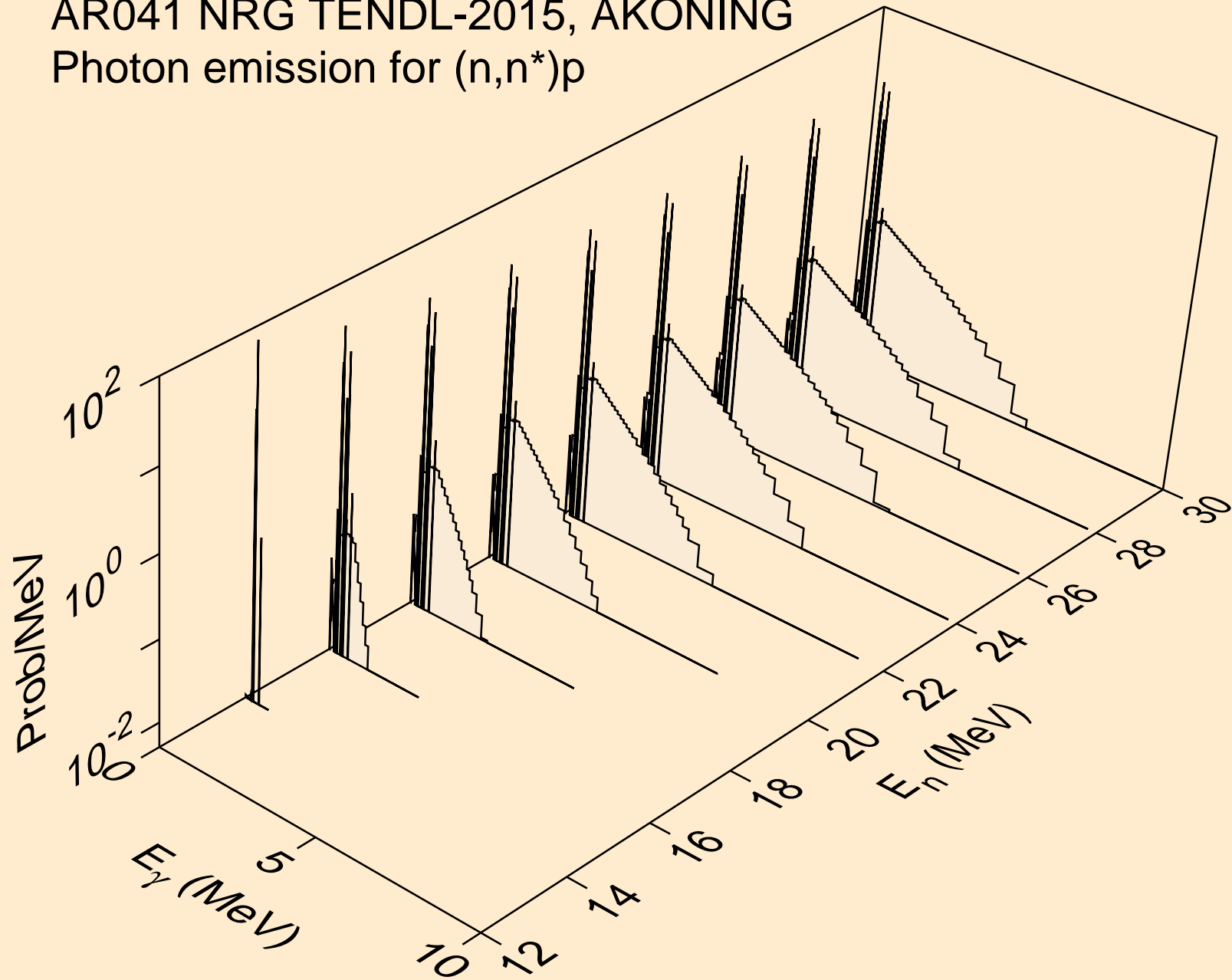


AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

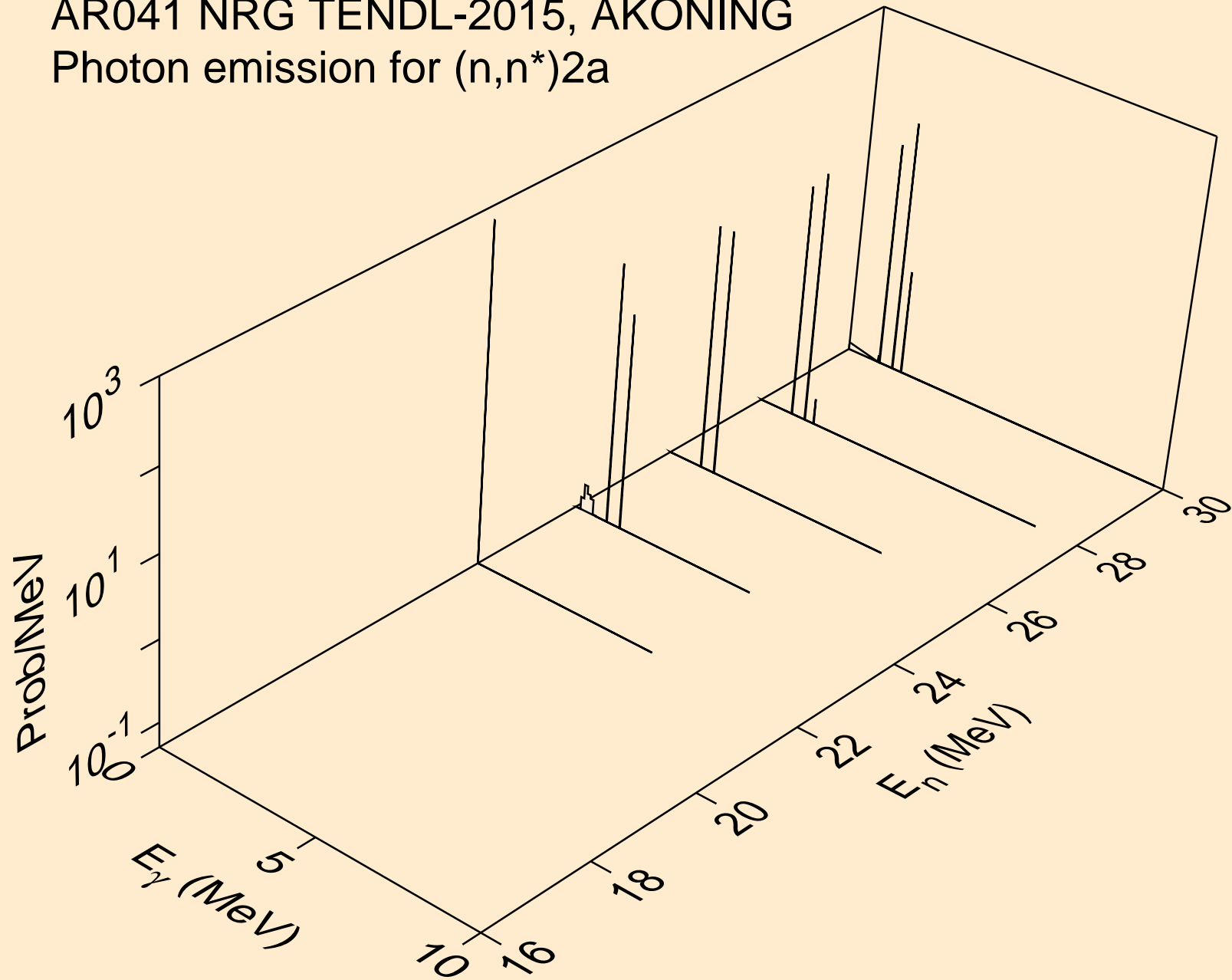




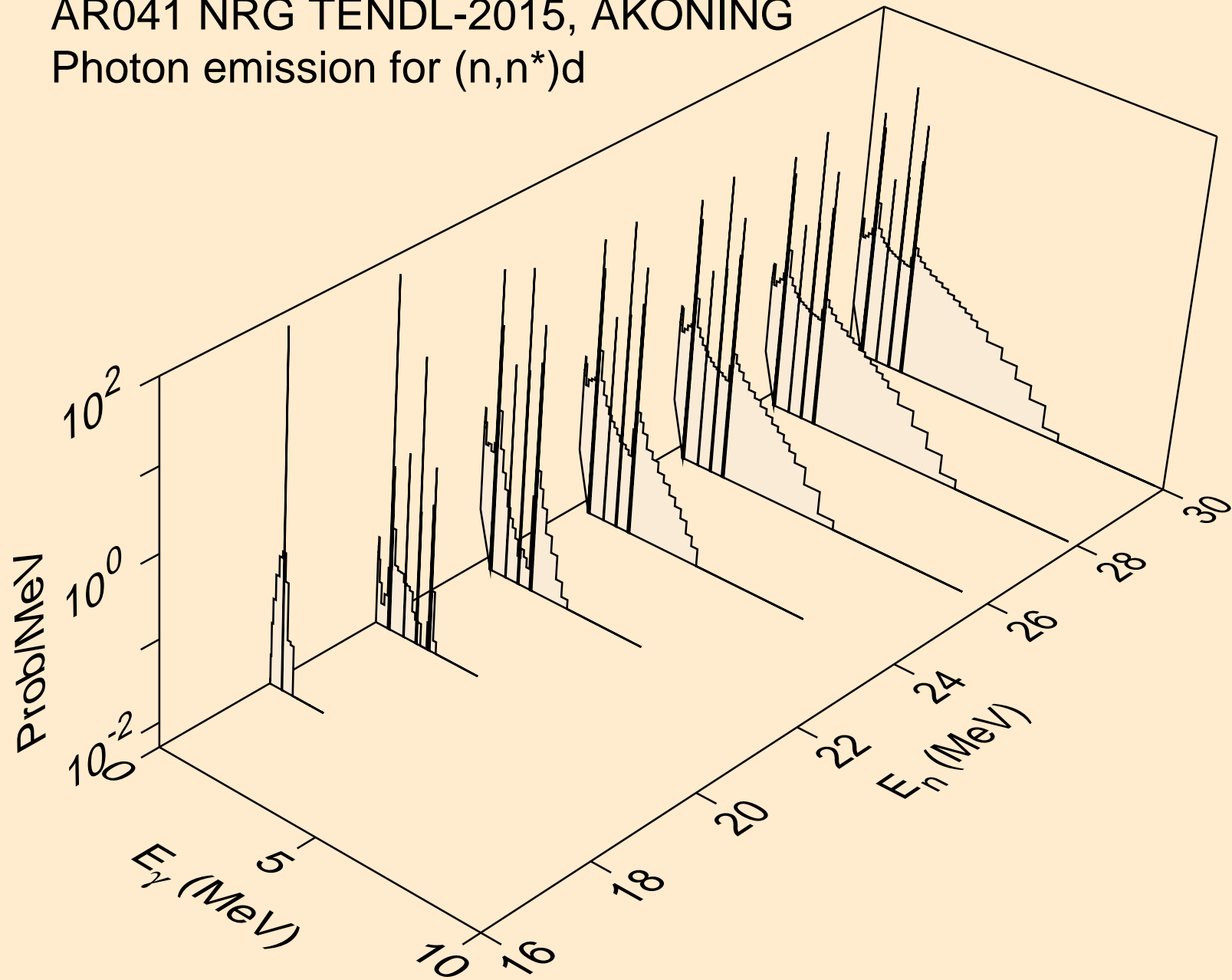
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



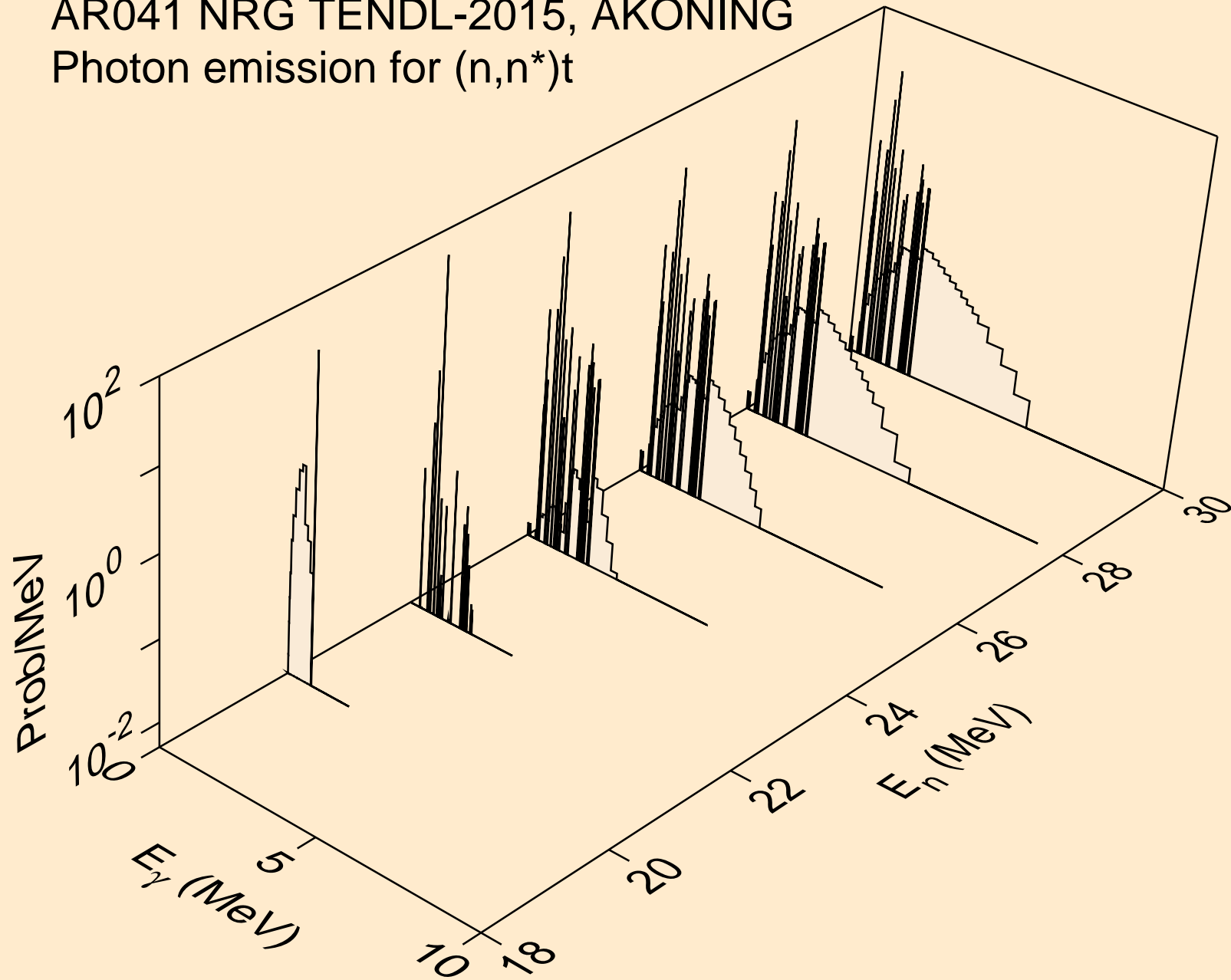
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



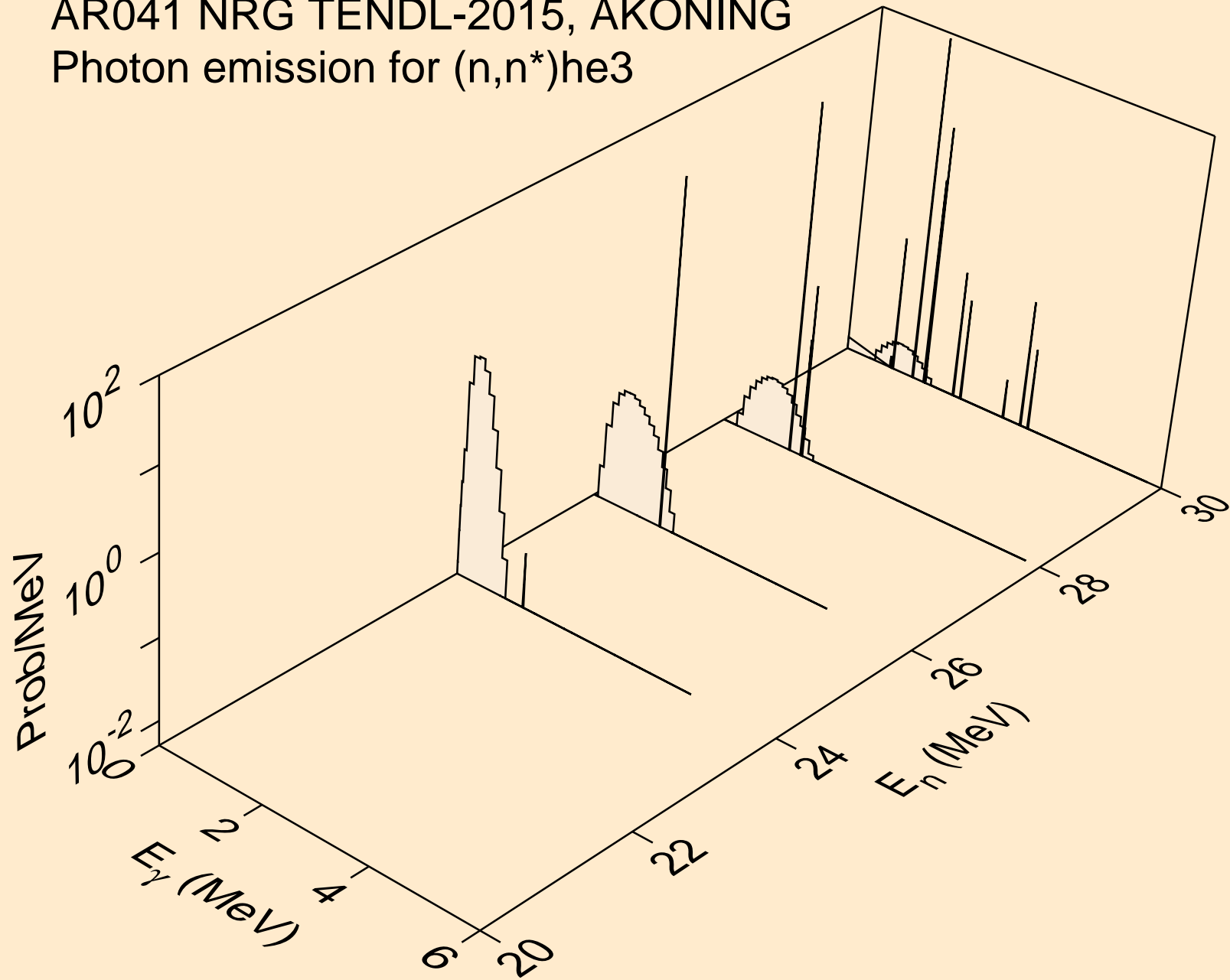
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



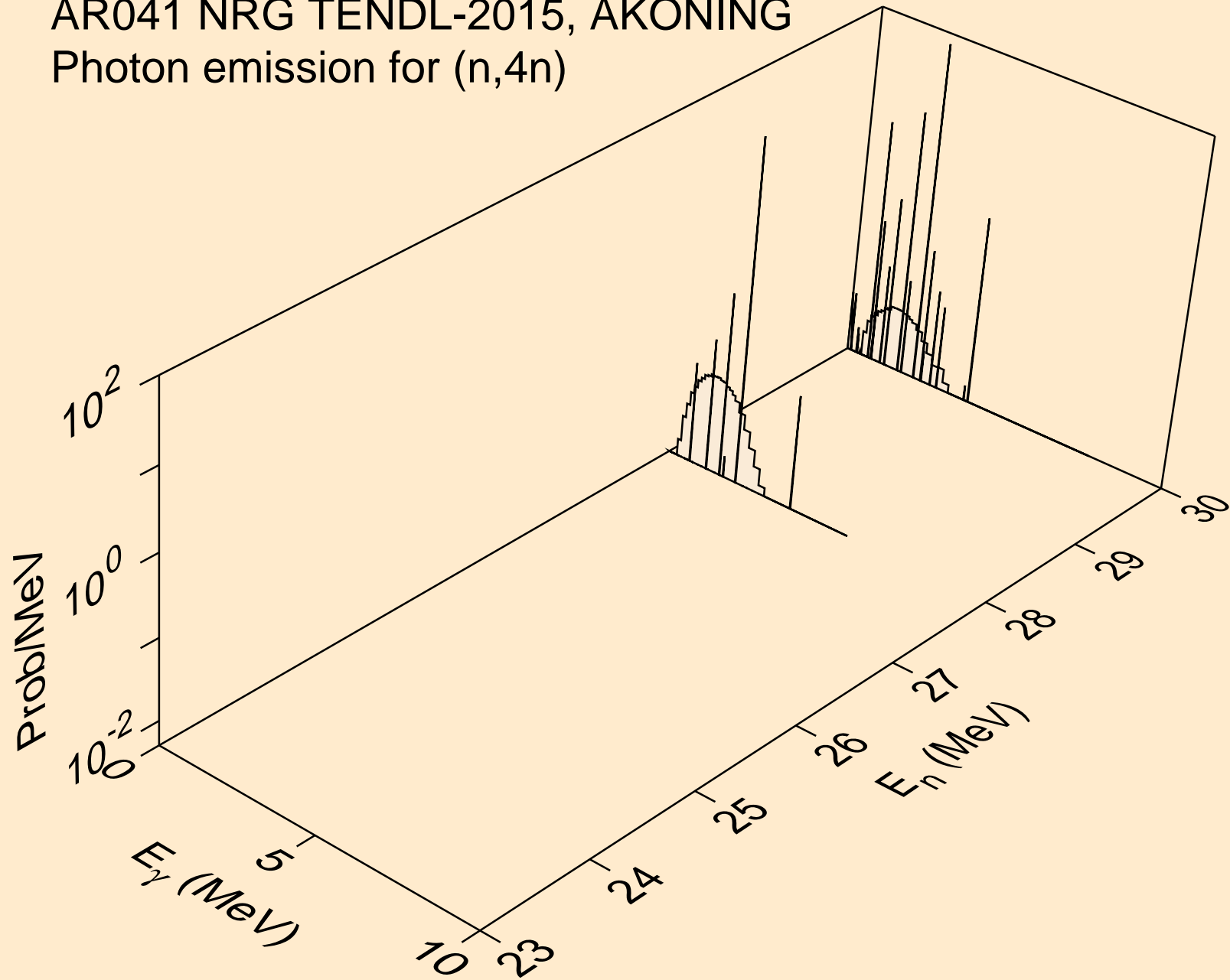
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



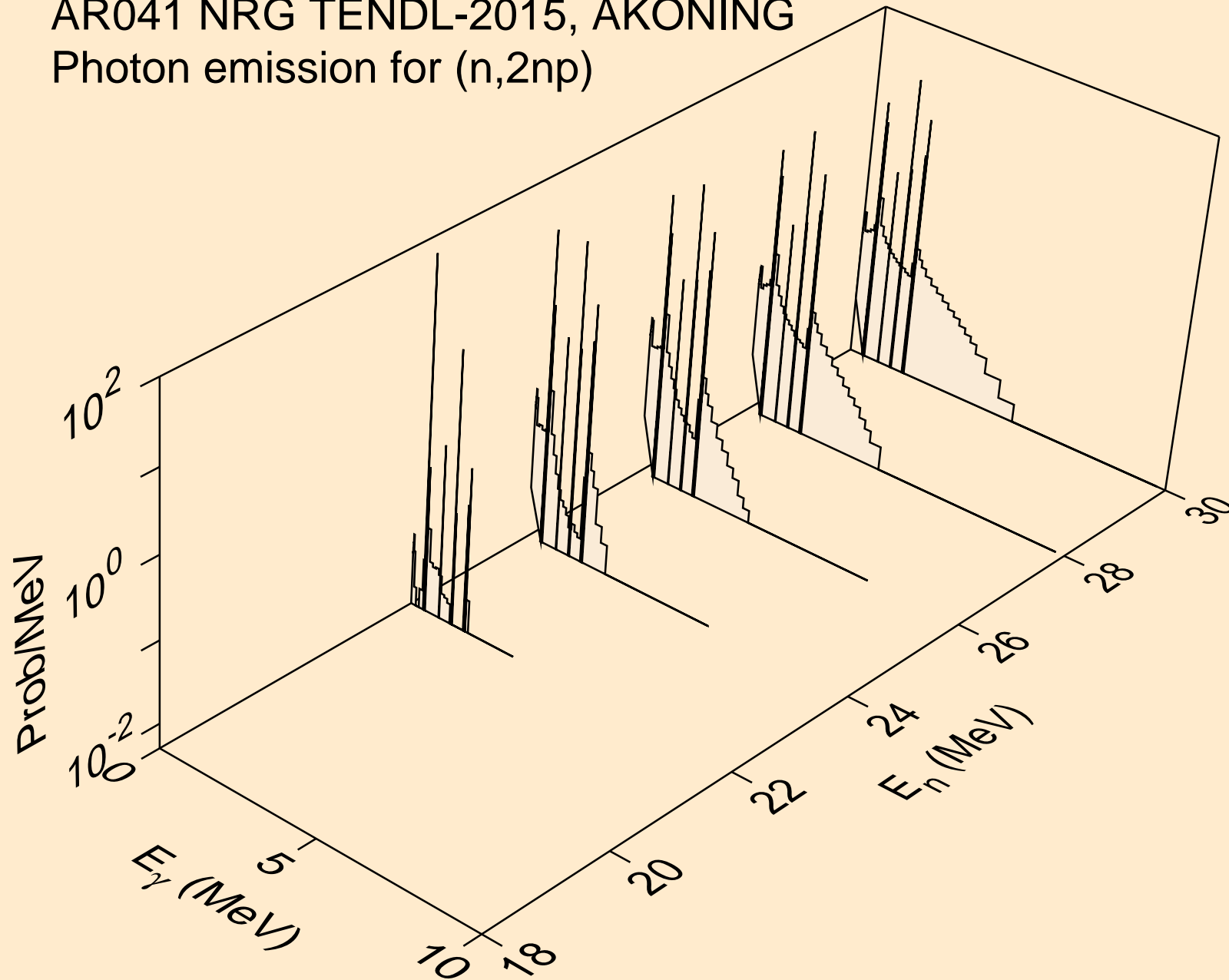
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



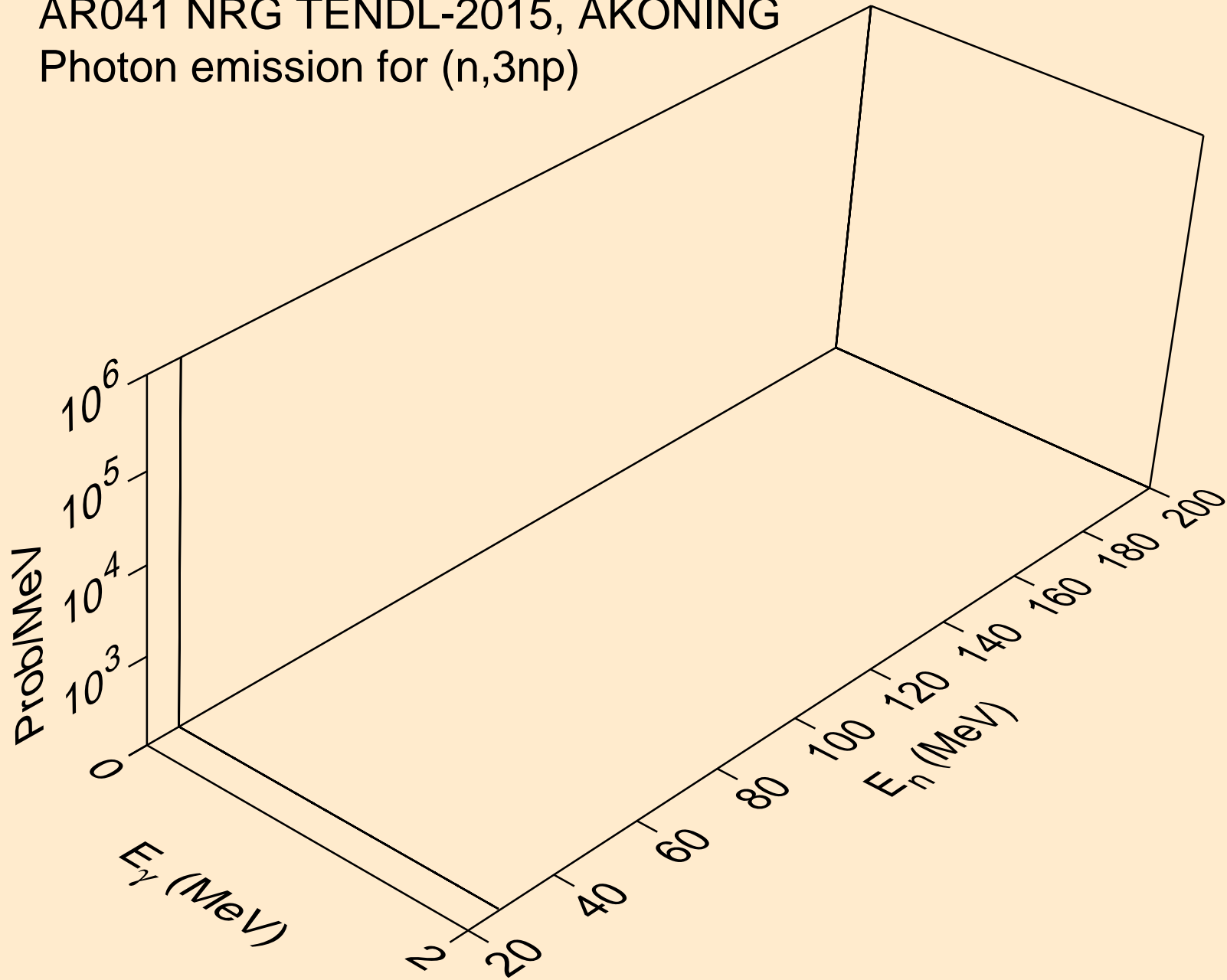
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

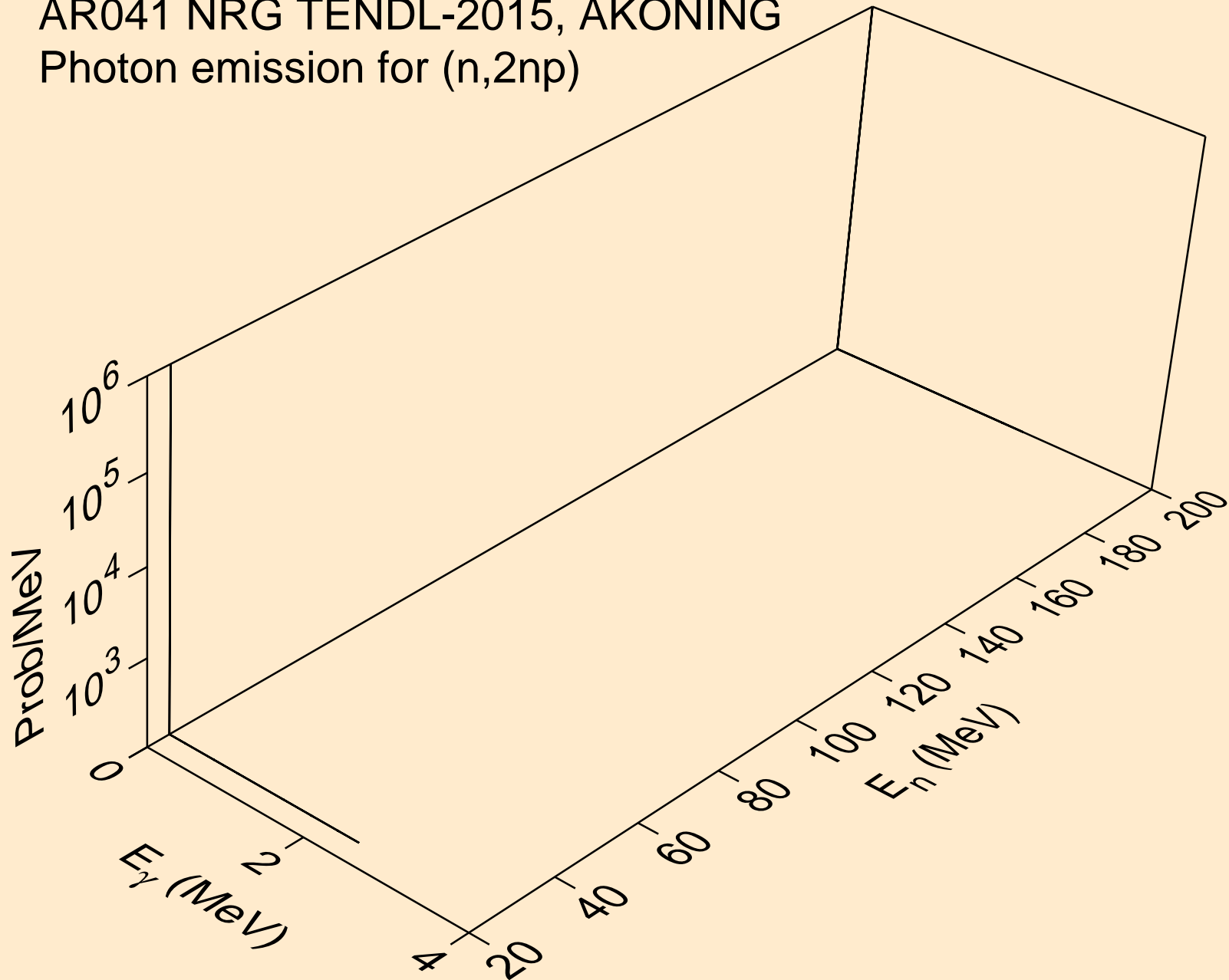


AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

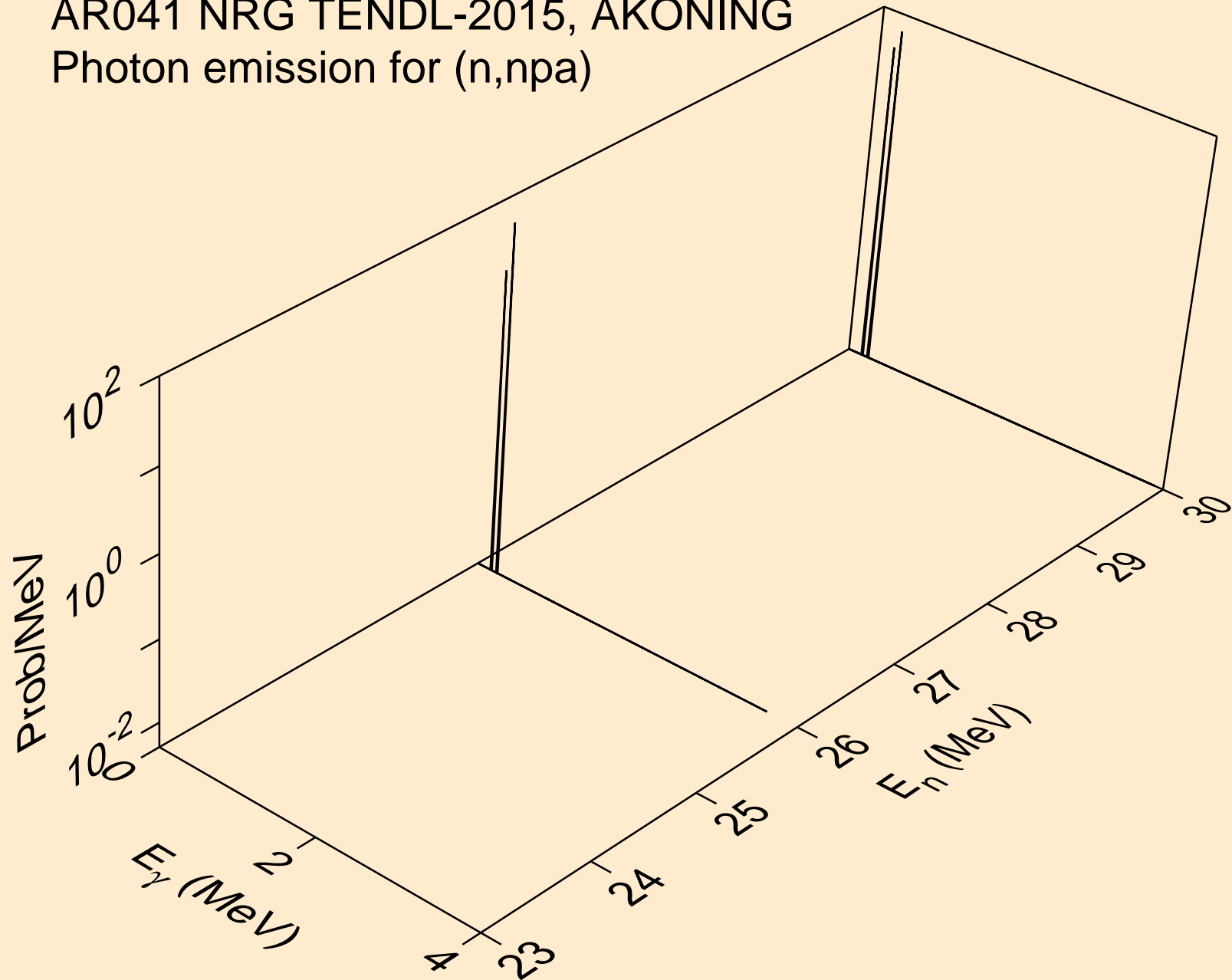




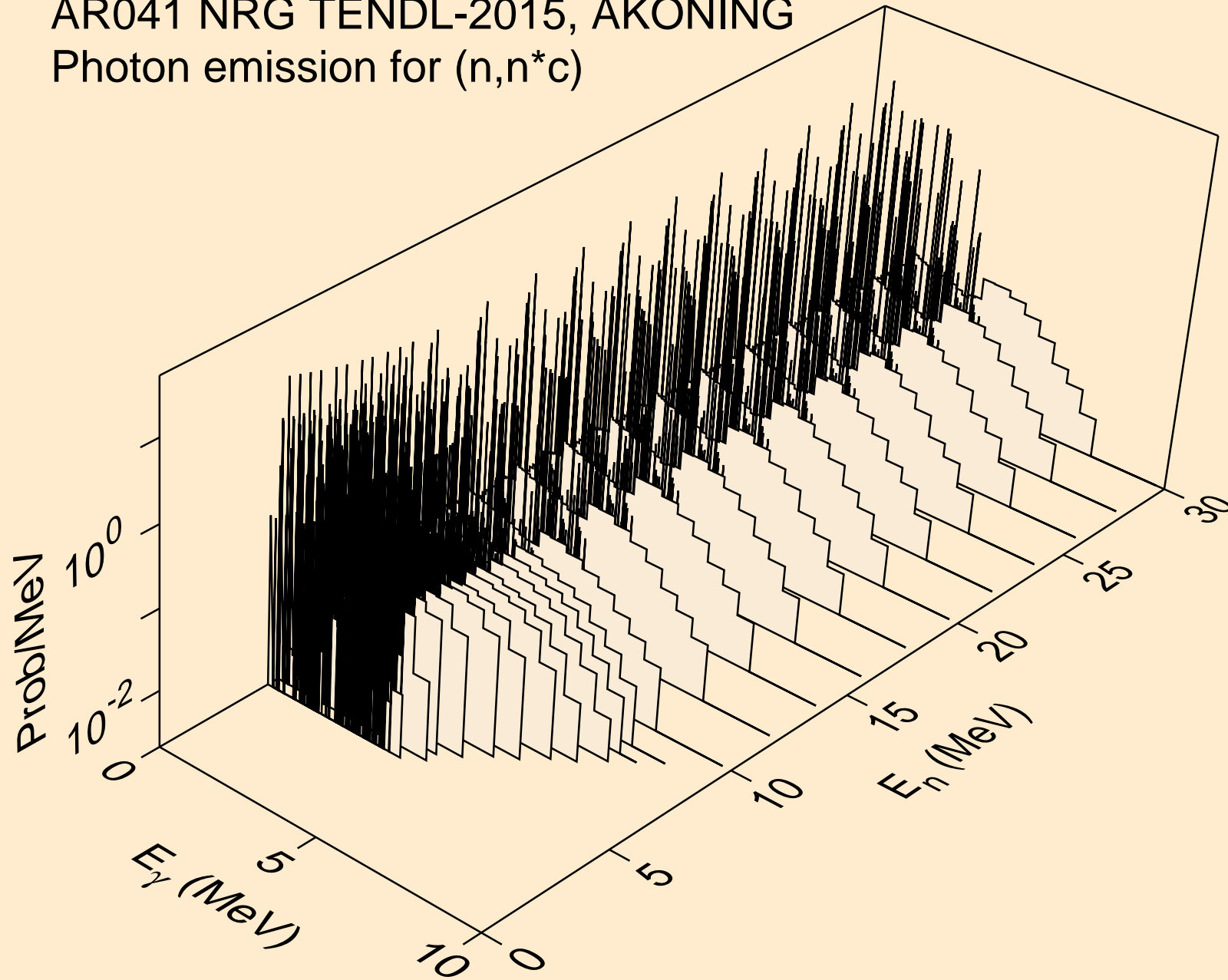
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



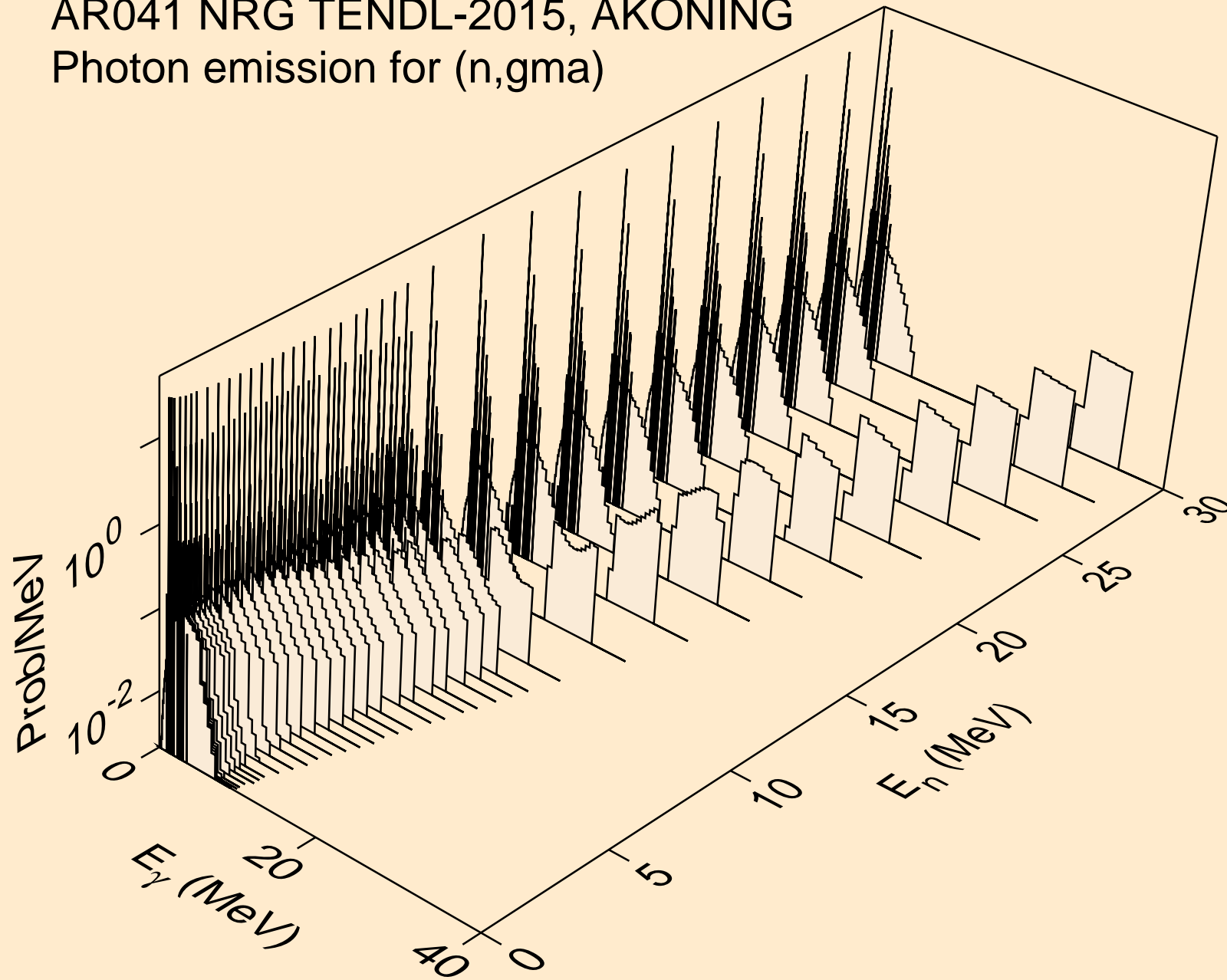
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



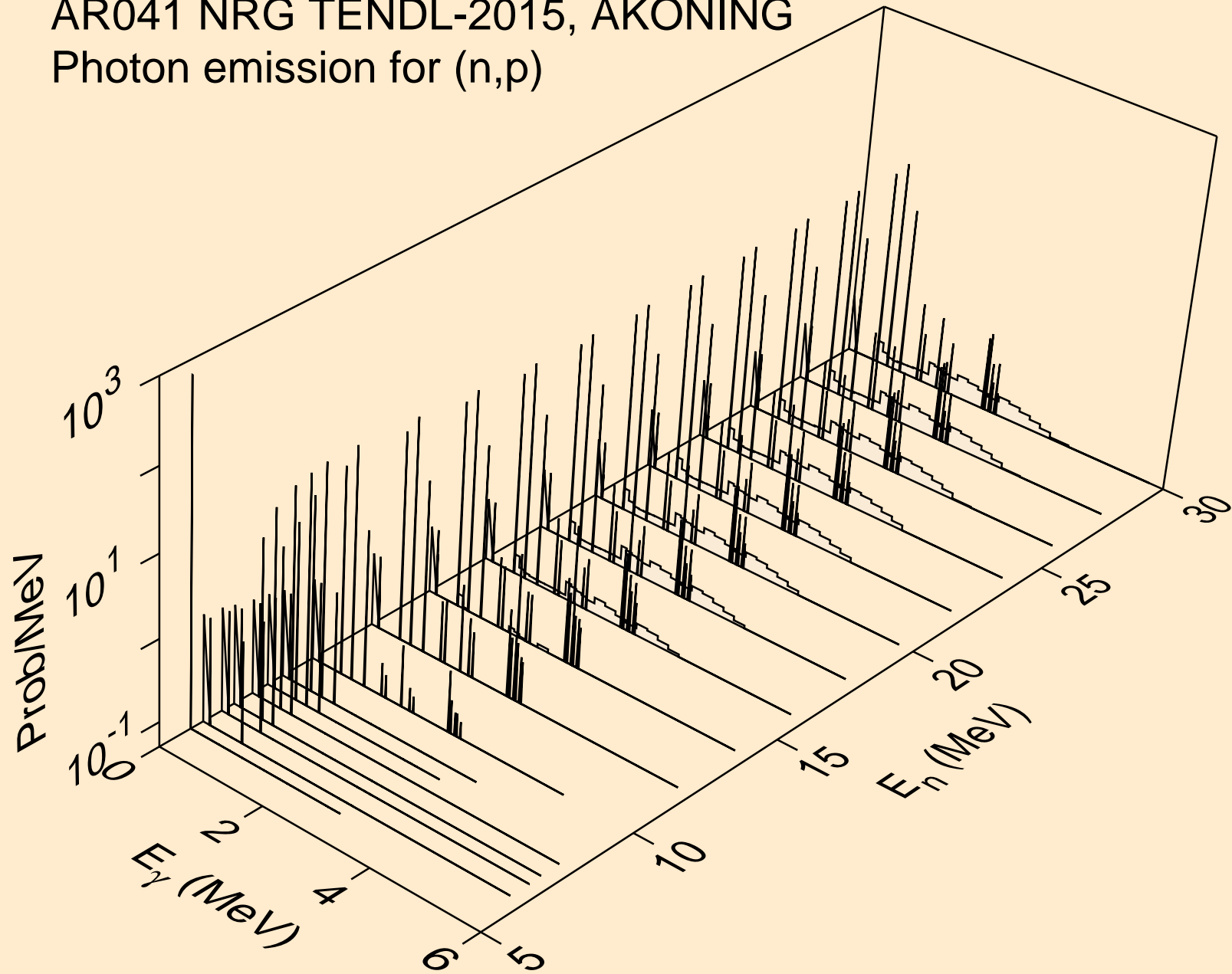
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



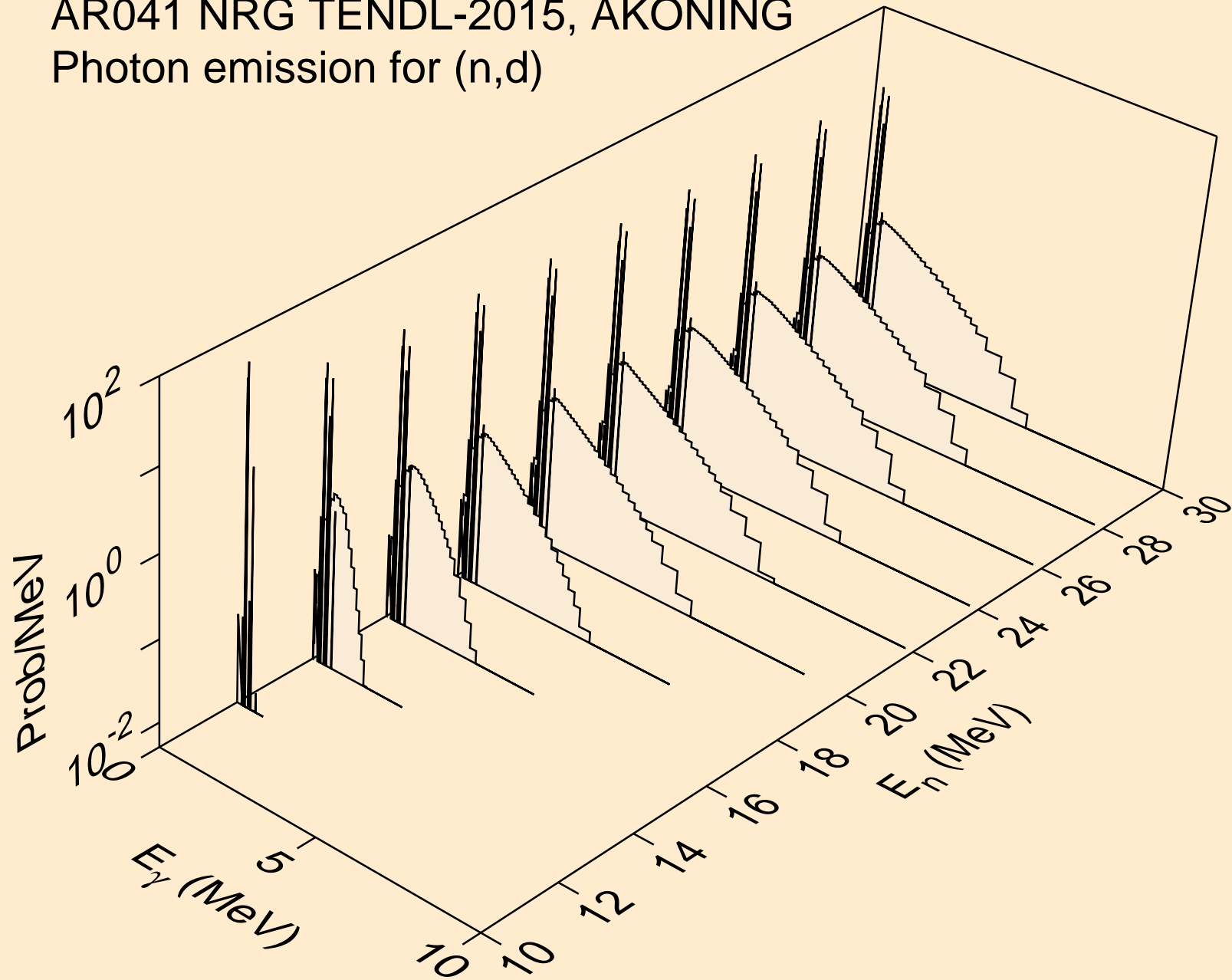
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



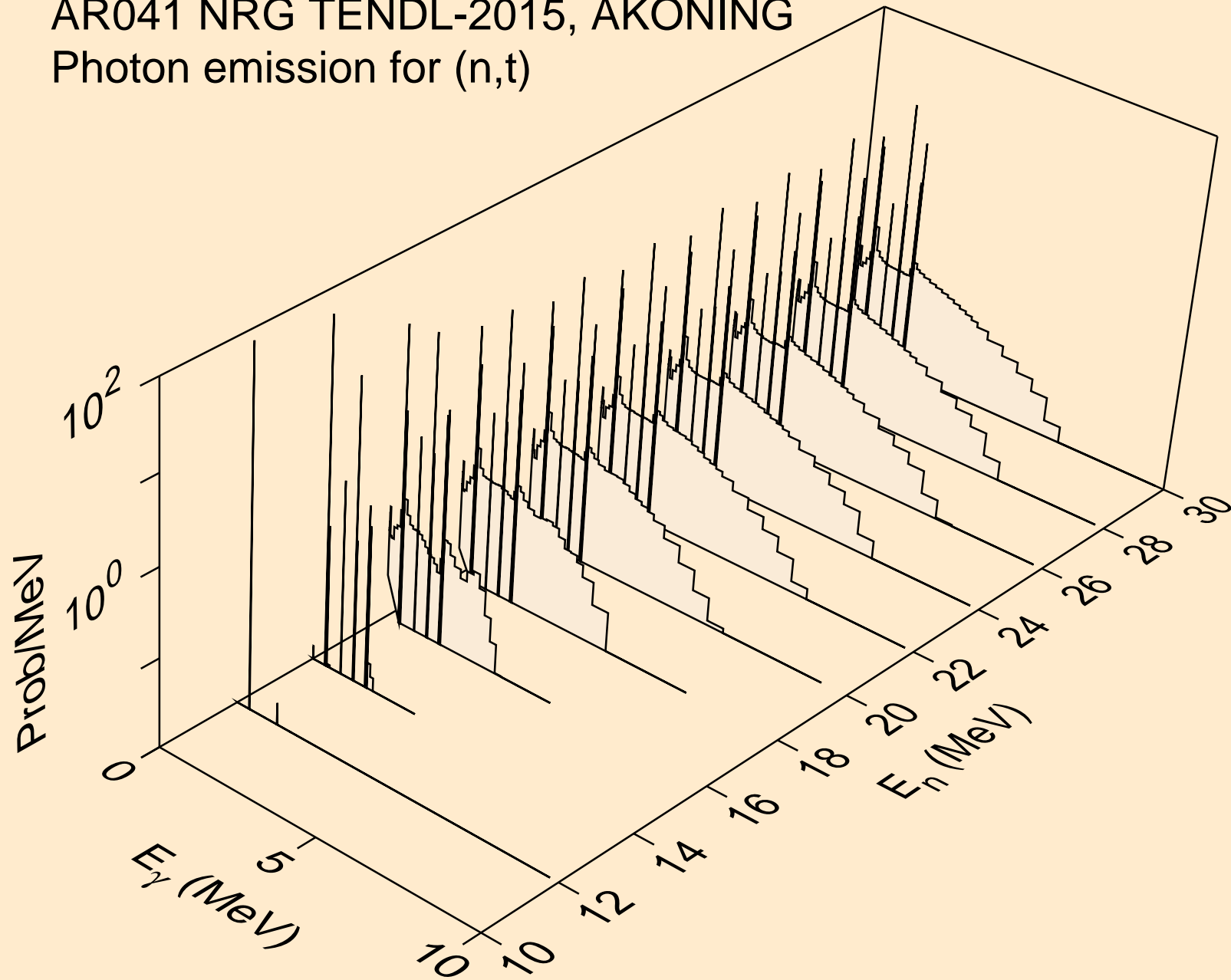
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



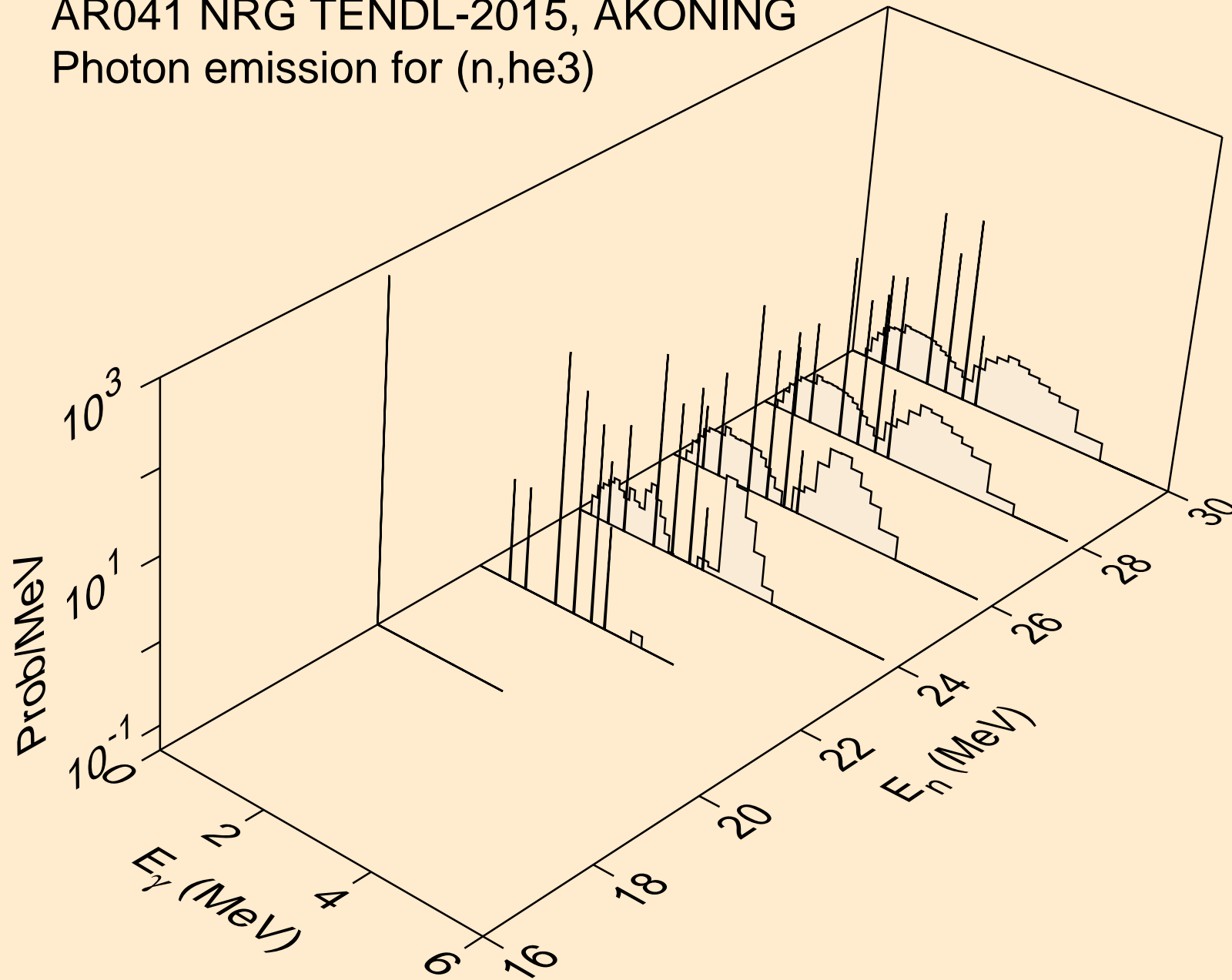
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

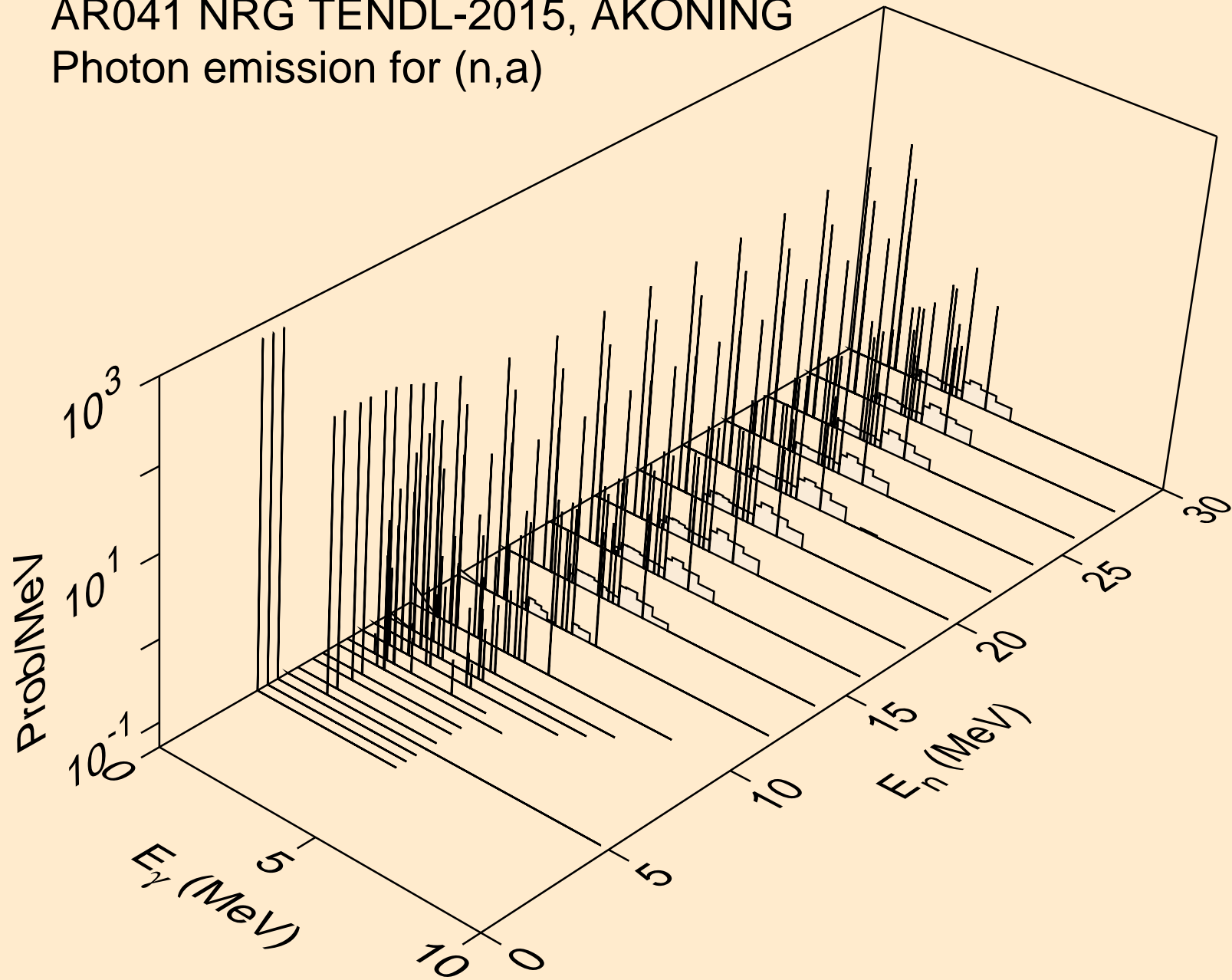


AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

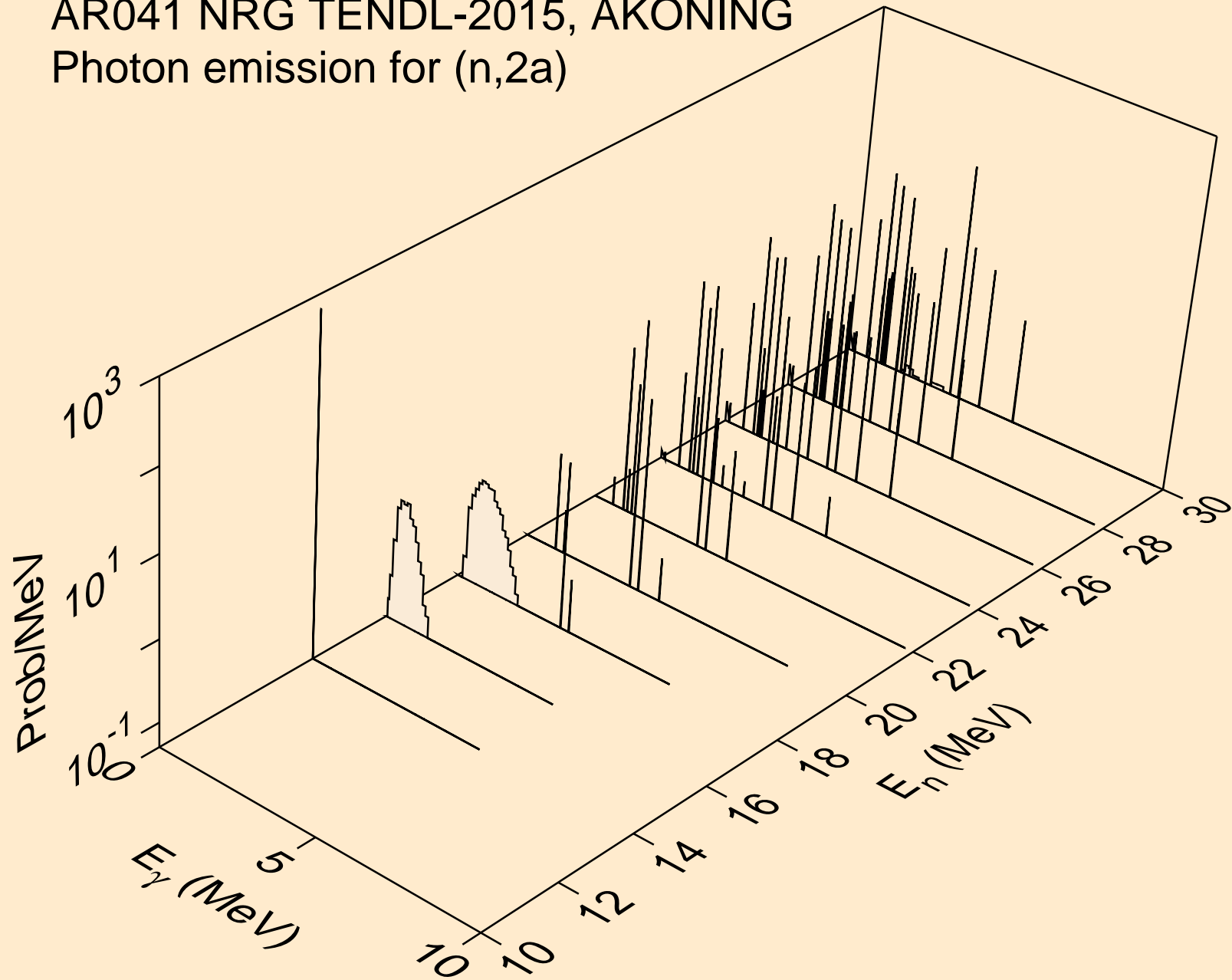




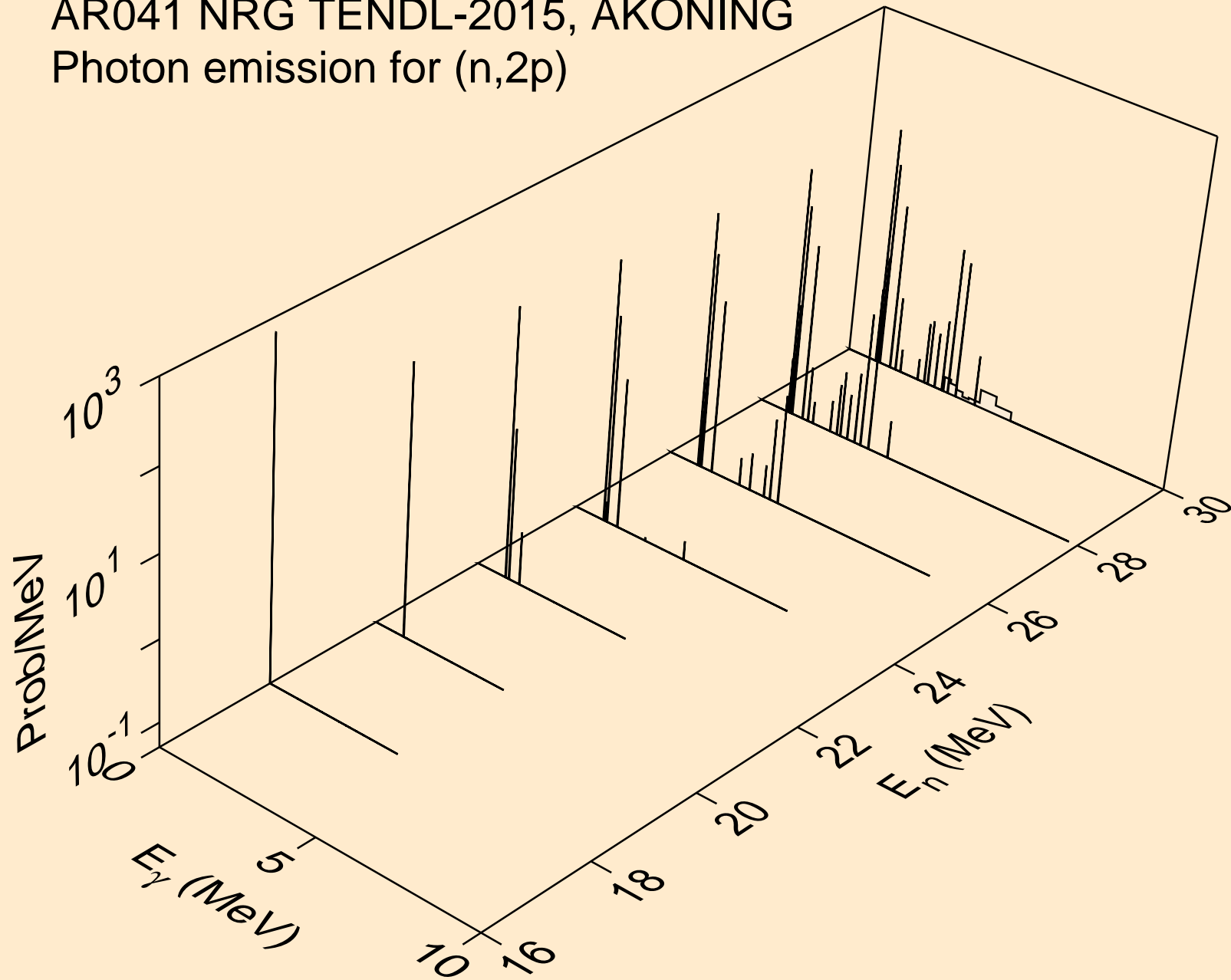
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



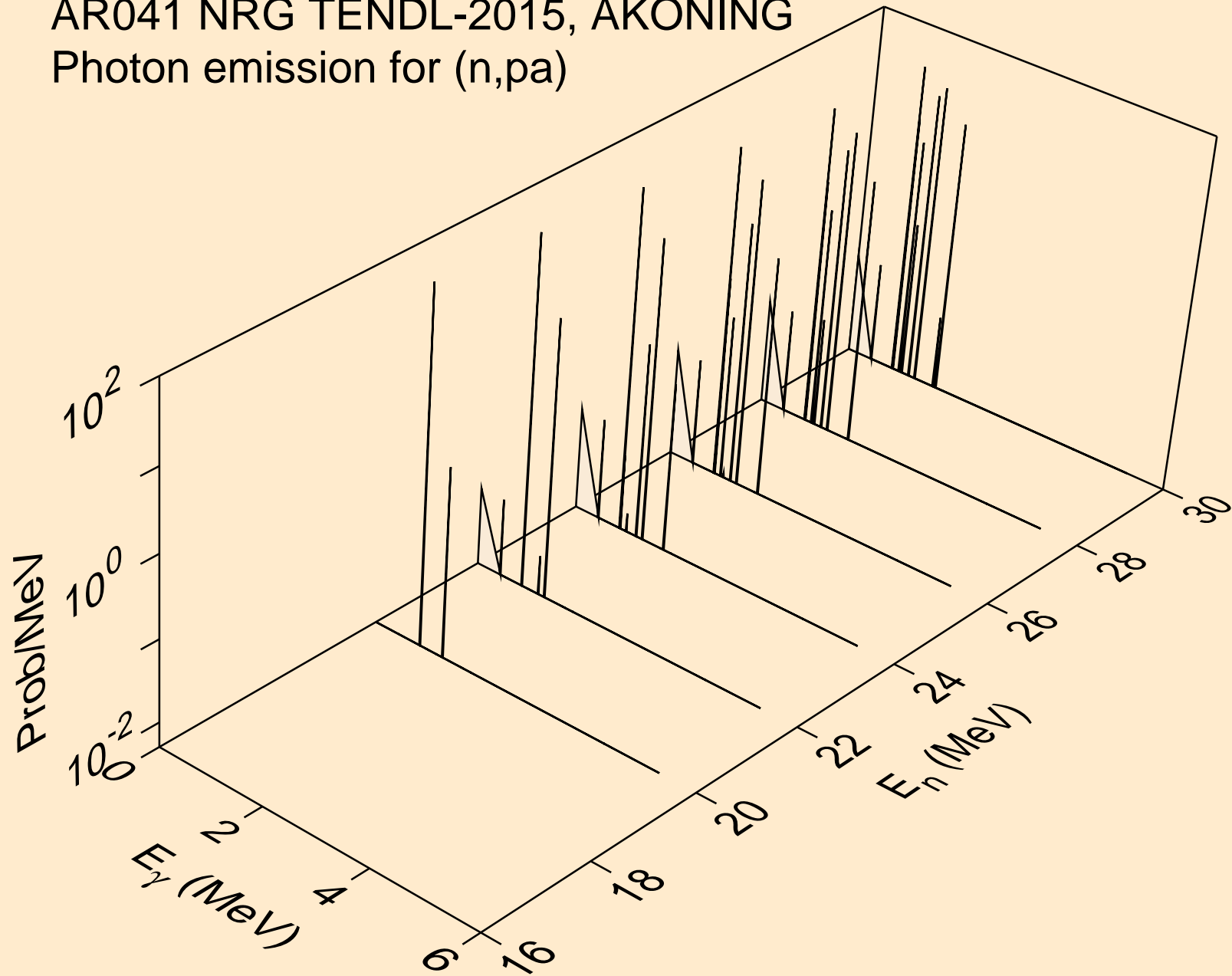
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



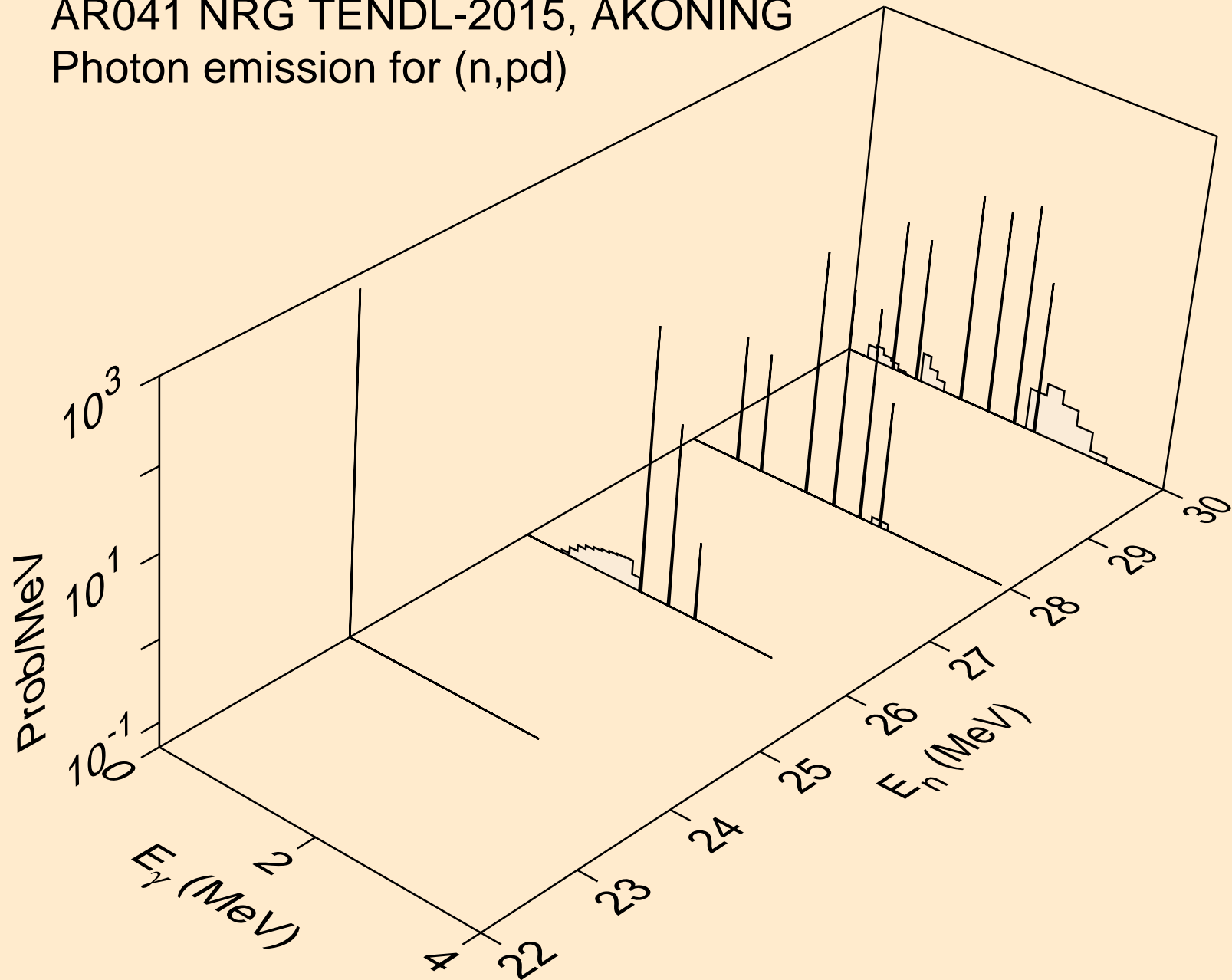
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



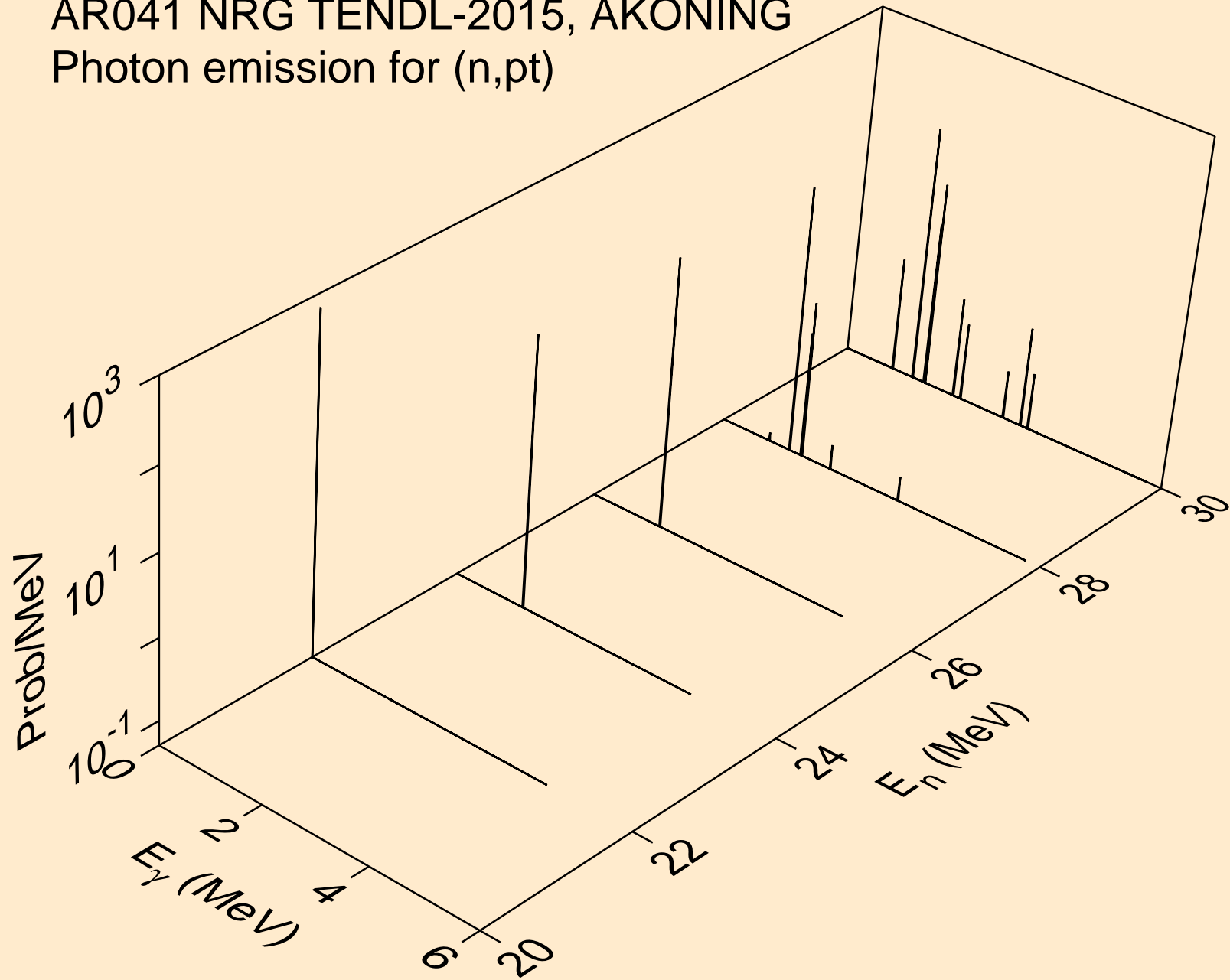
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



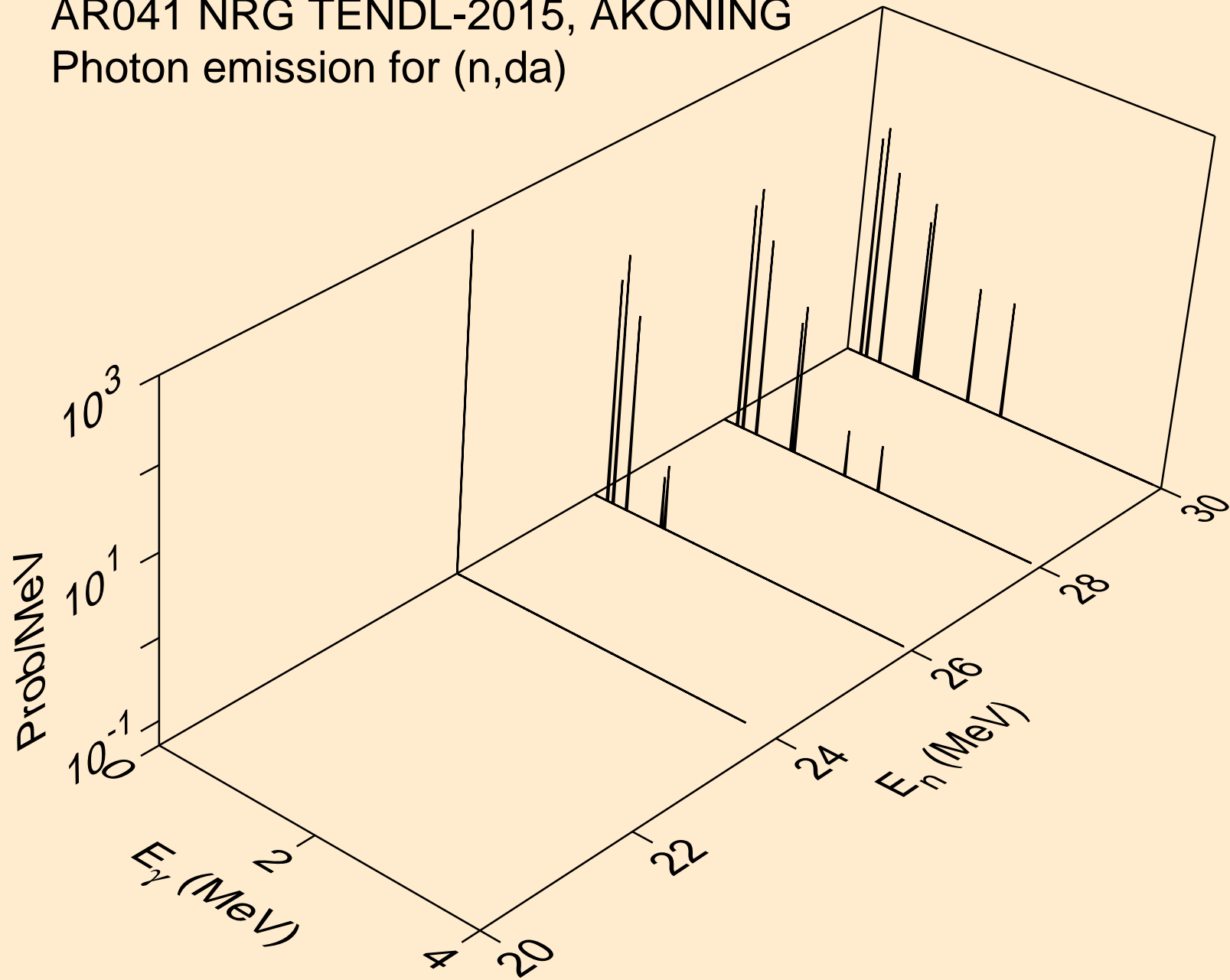
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



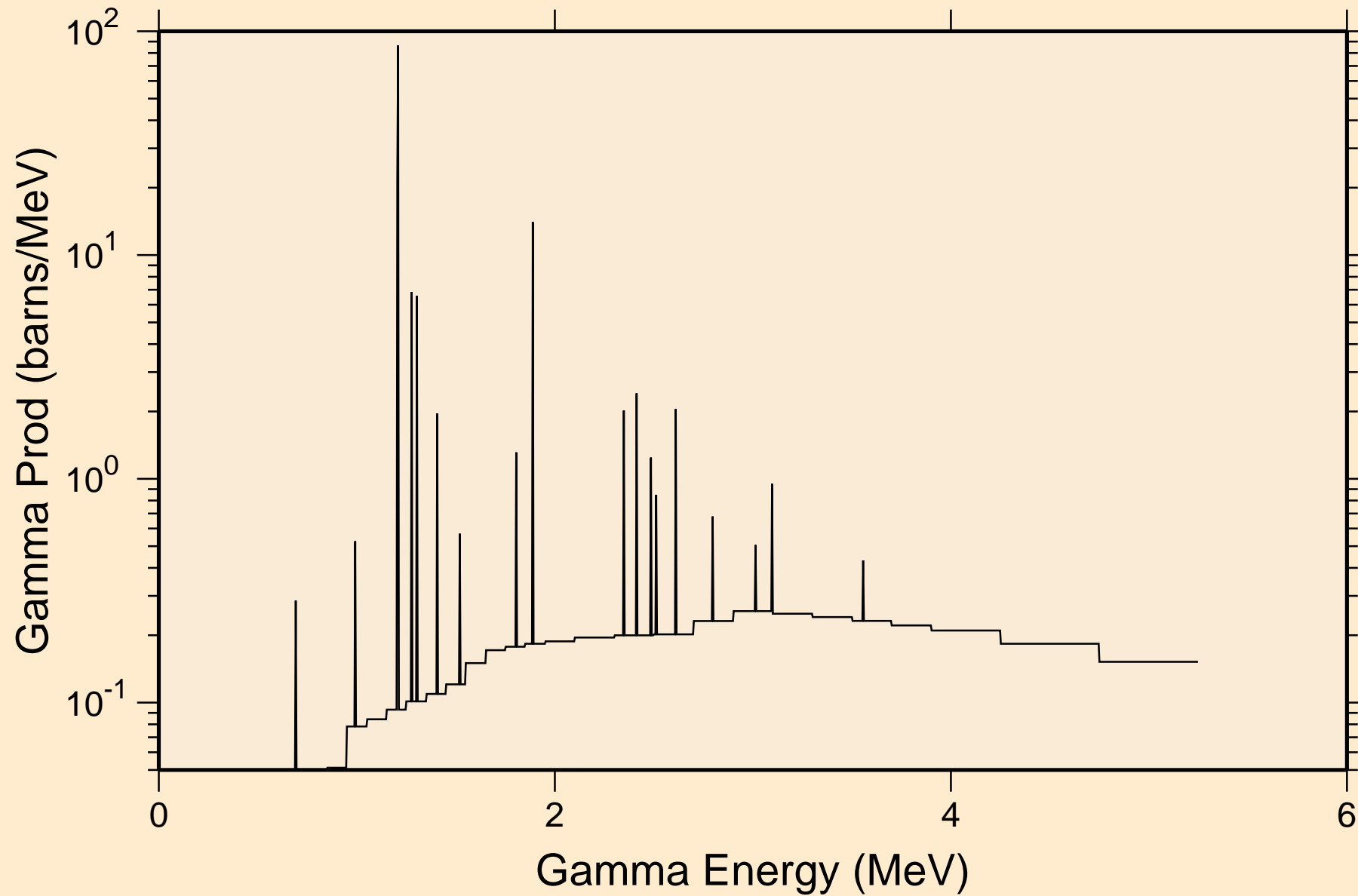
AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



AR041 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

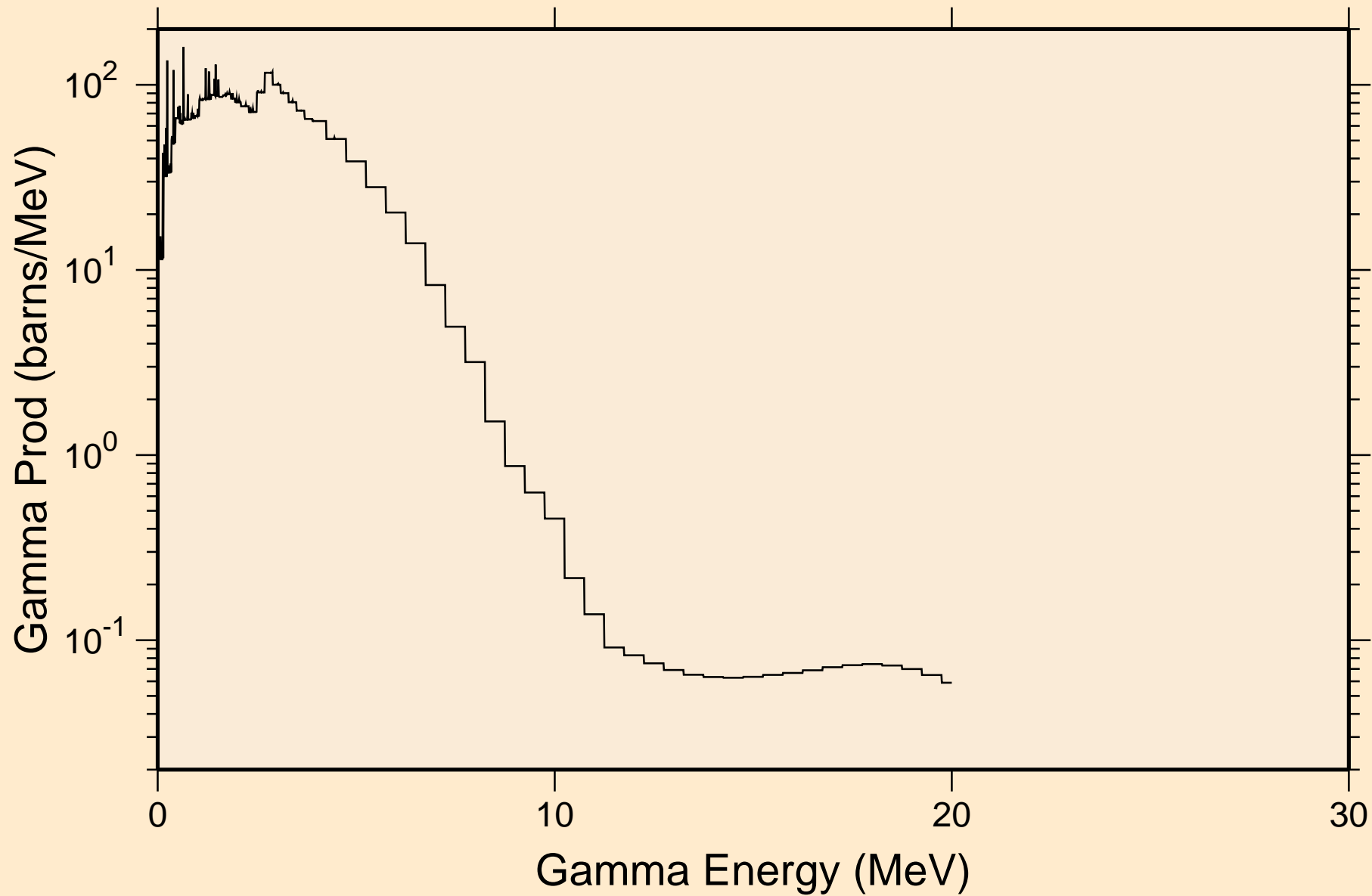


AR041 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



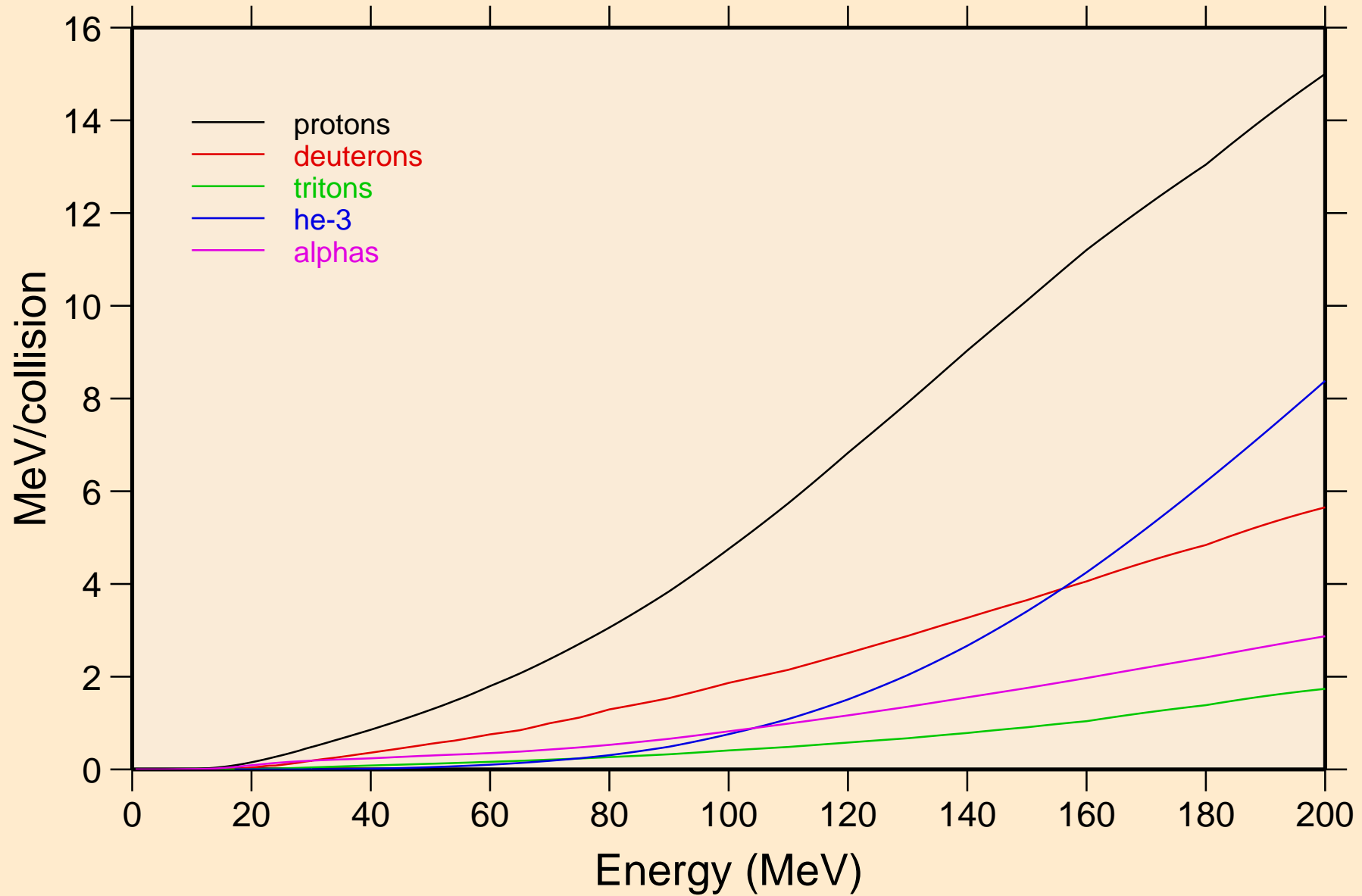


AR041 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



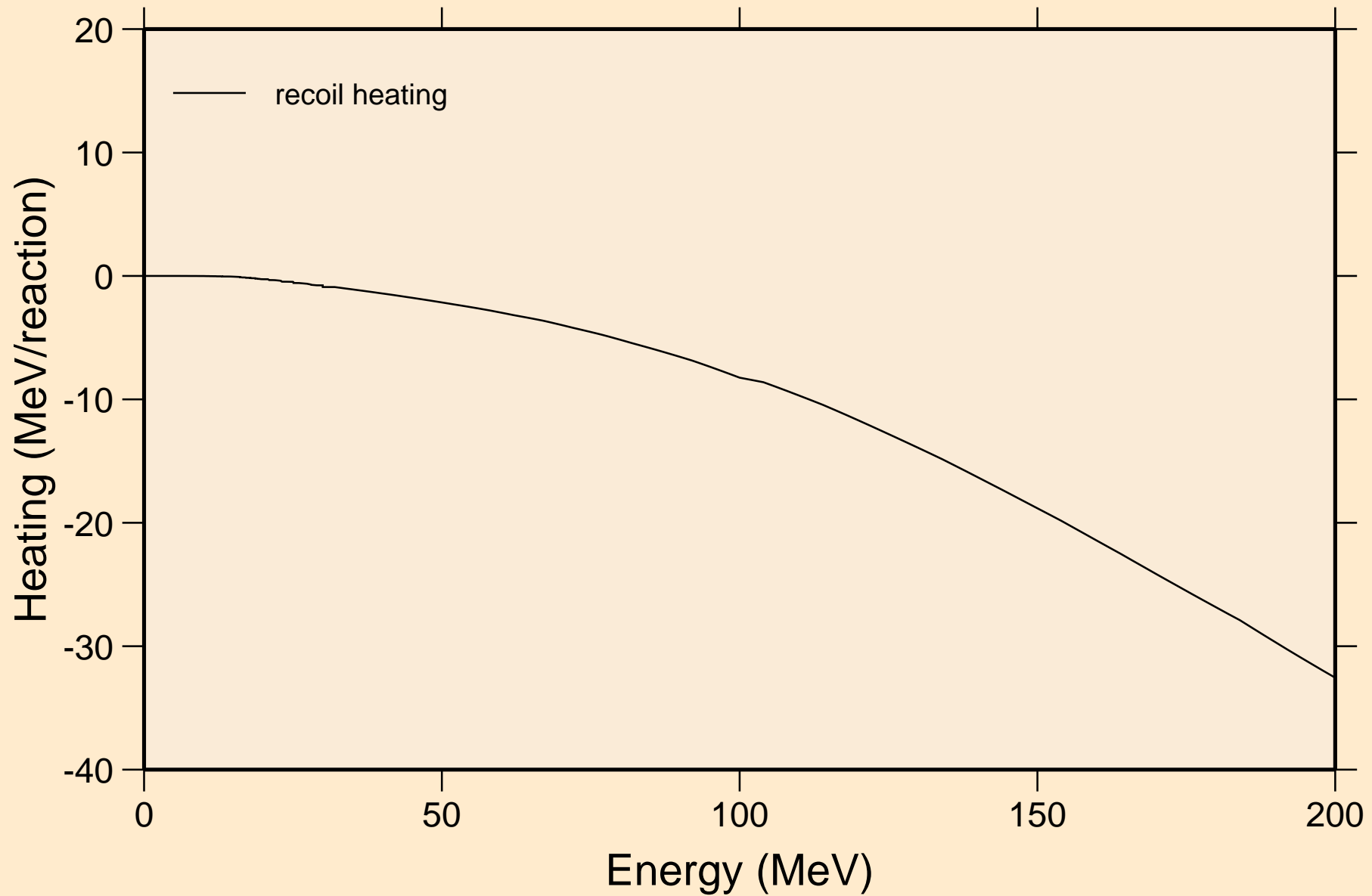
# AR041 NRG TENDL-2015, AKONING

## Particle heating contributions



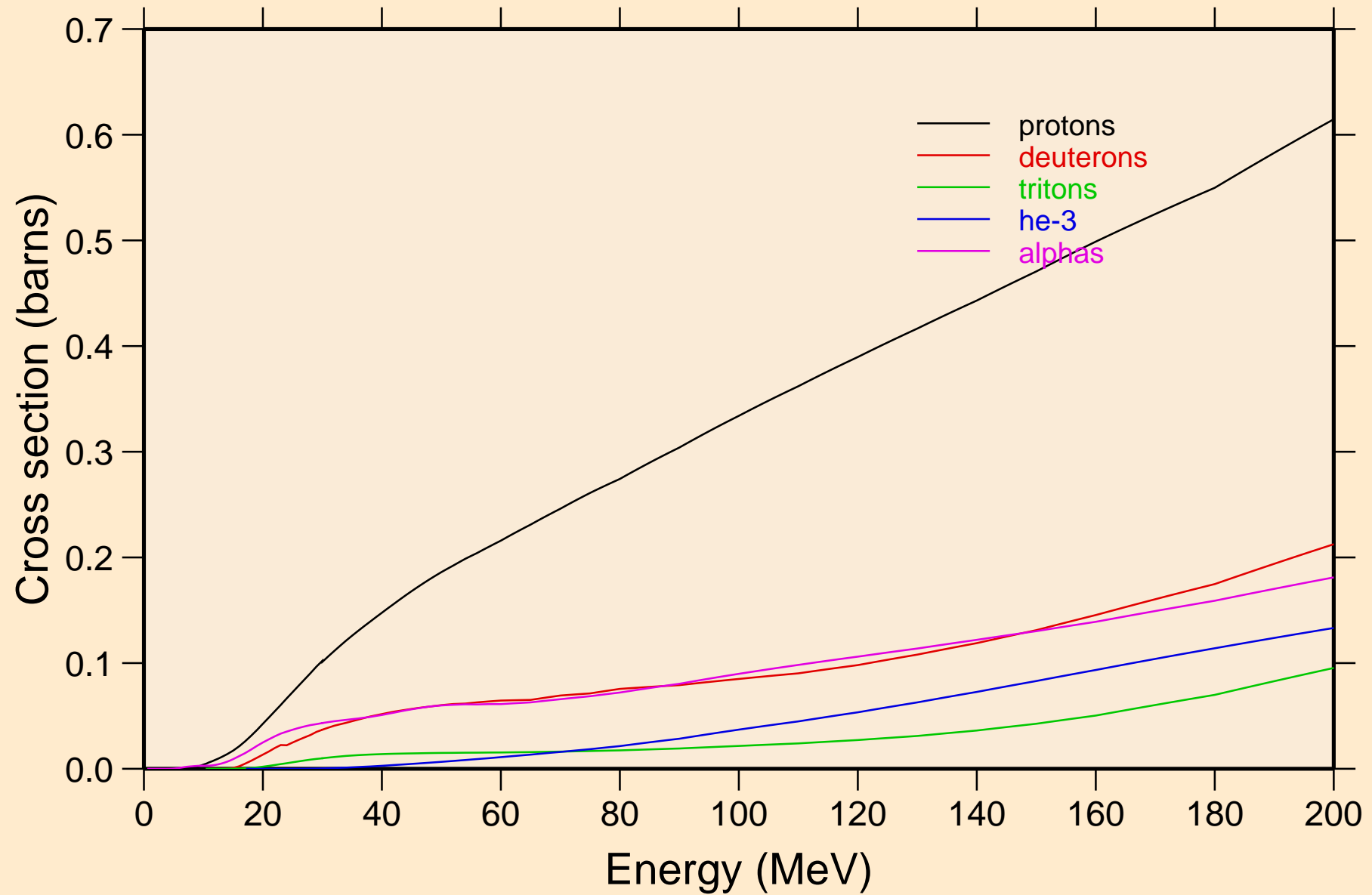
# AR041 NRG TENDL-2015, AKONING

## Recoil Heating

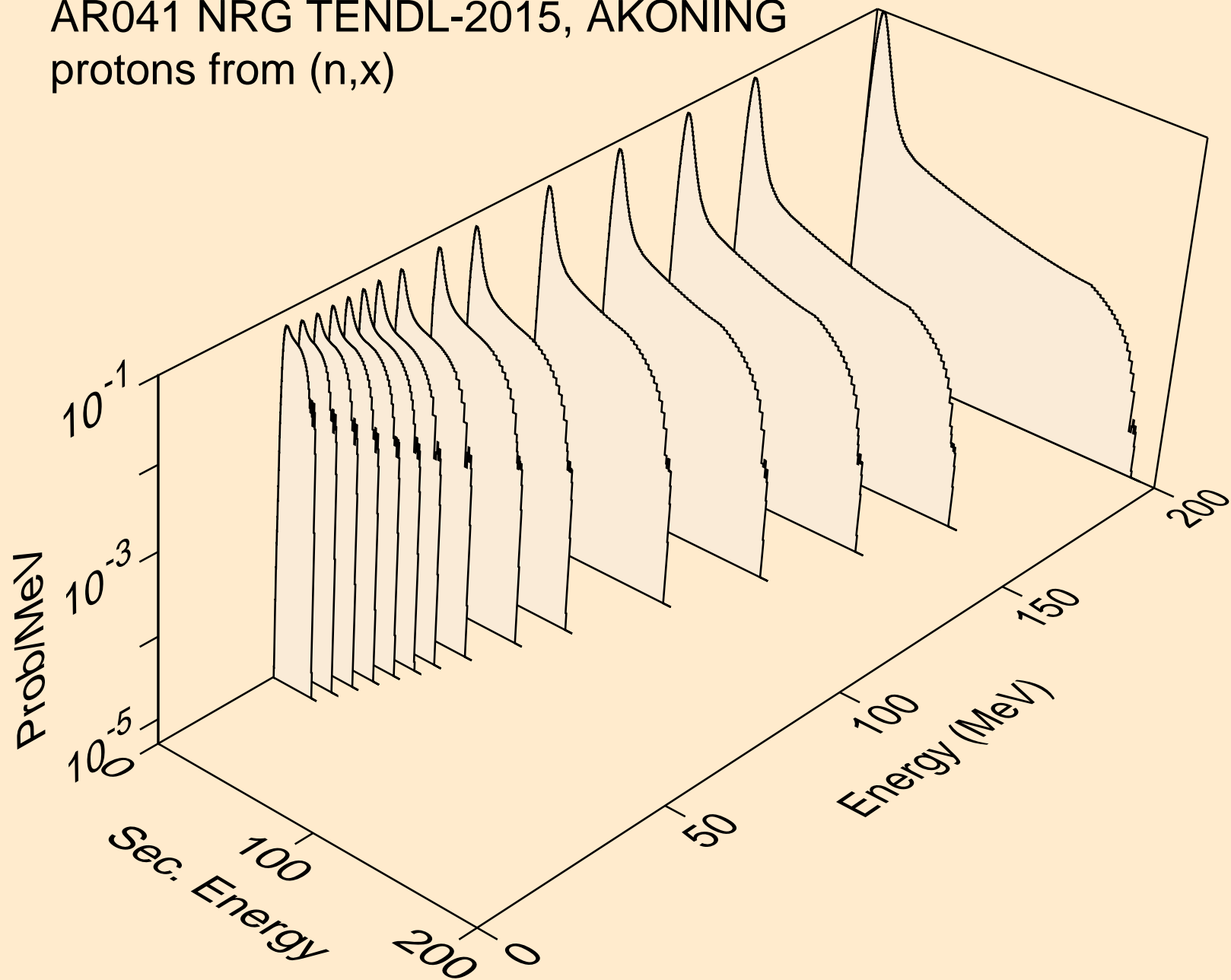


# AR041 NRG TENDL-2015, AKONING

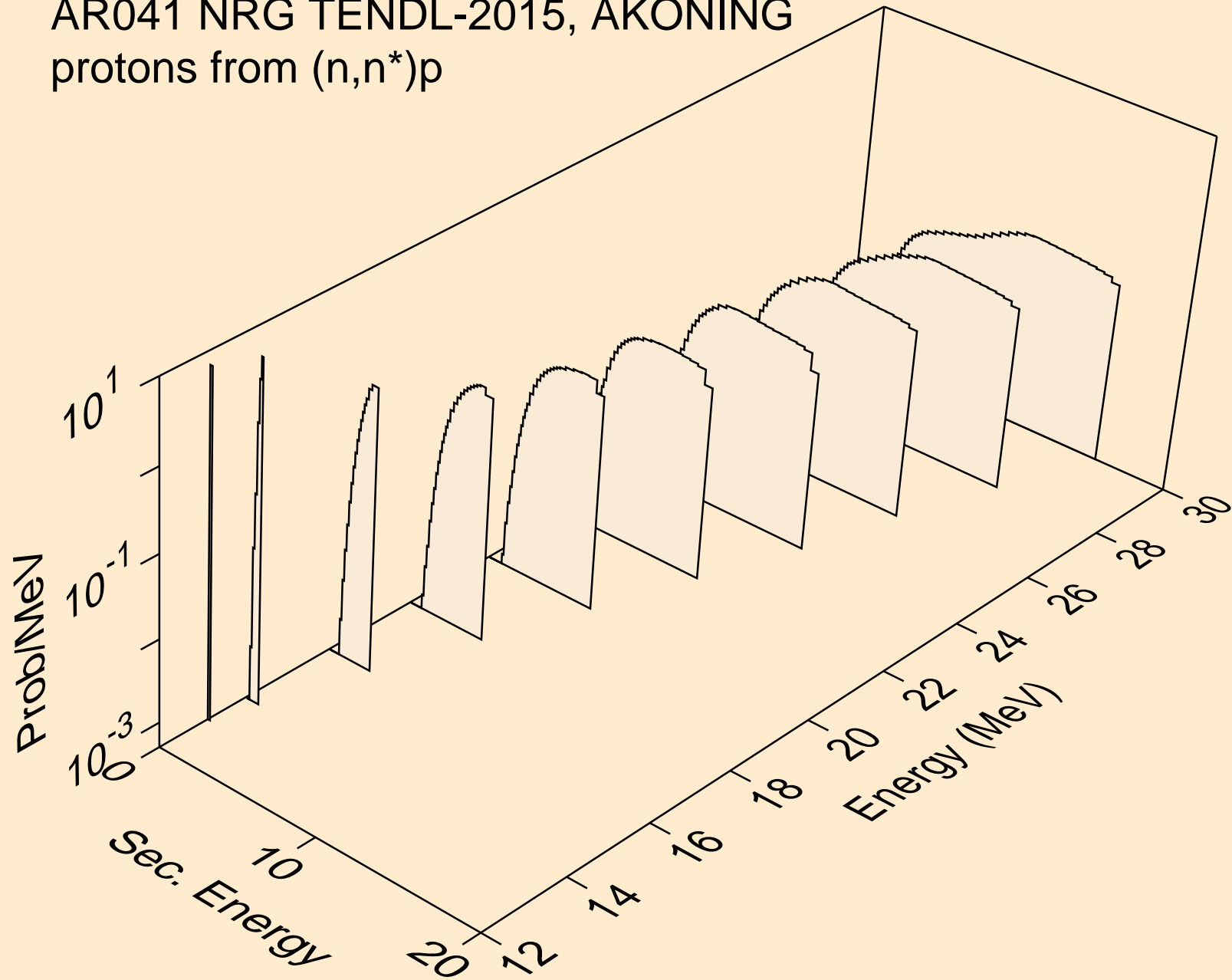
## Particle production cross sections



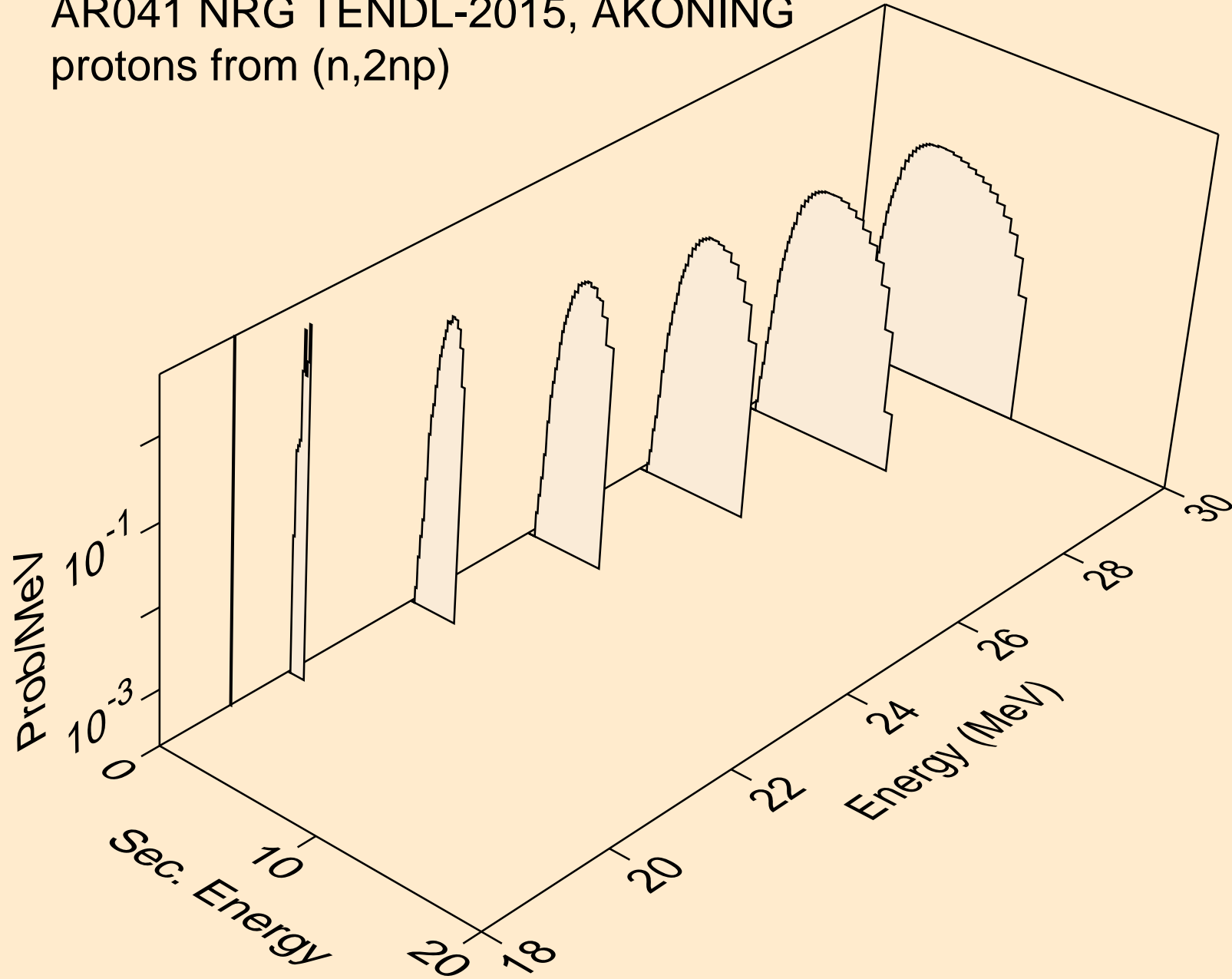
AR041 NRG TENDL-2015, AKONING  
protons from (n,x)



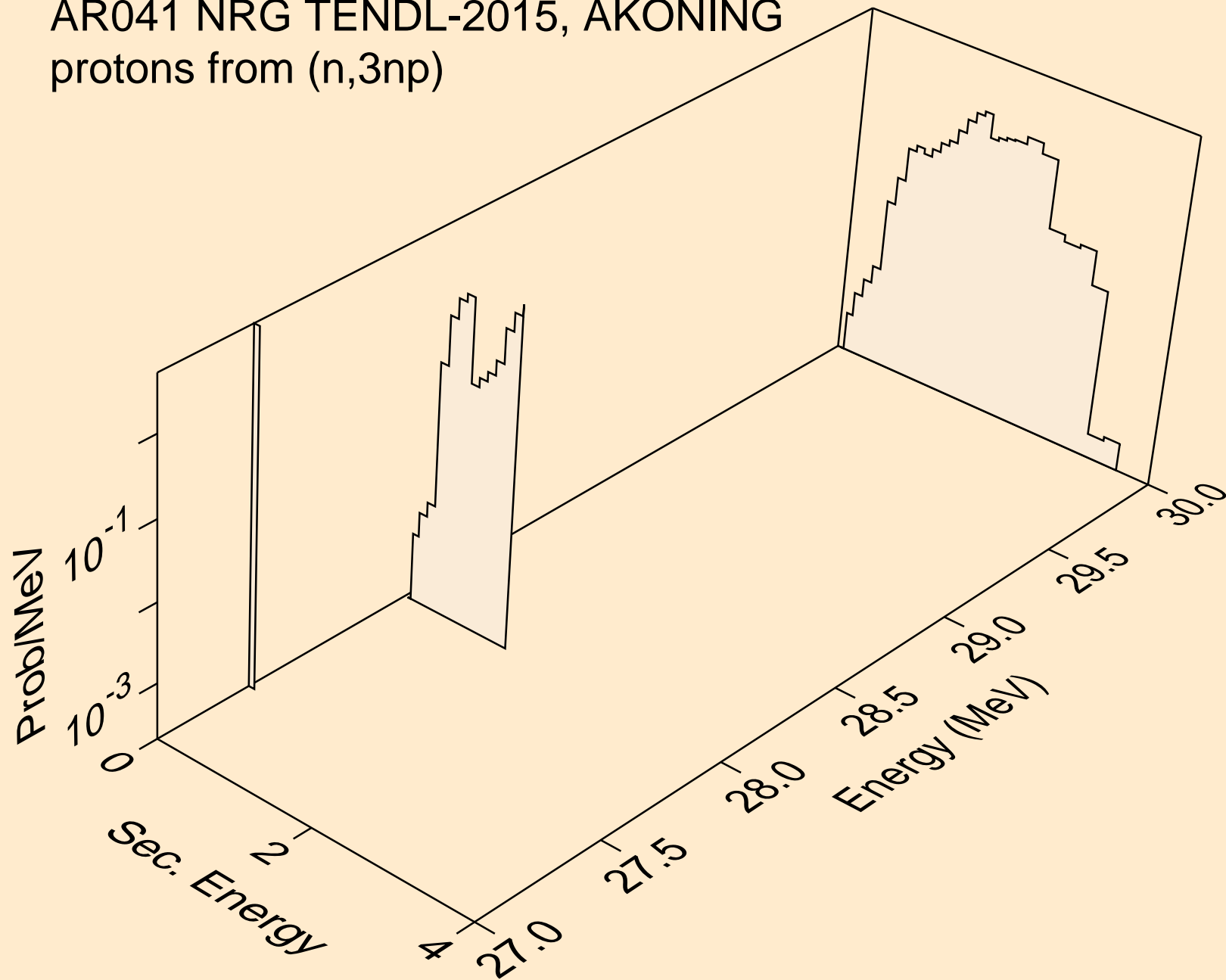
AR041 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



AR041 NRG TENDL-2015, AKONING  
protons from (n,2np)

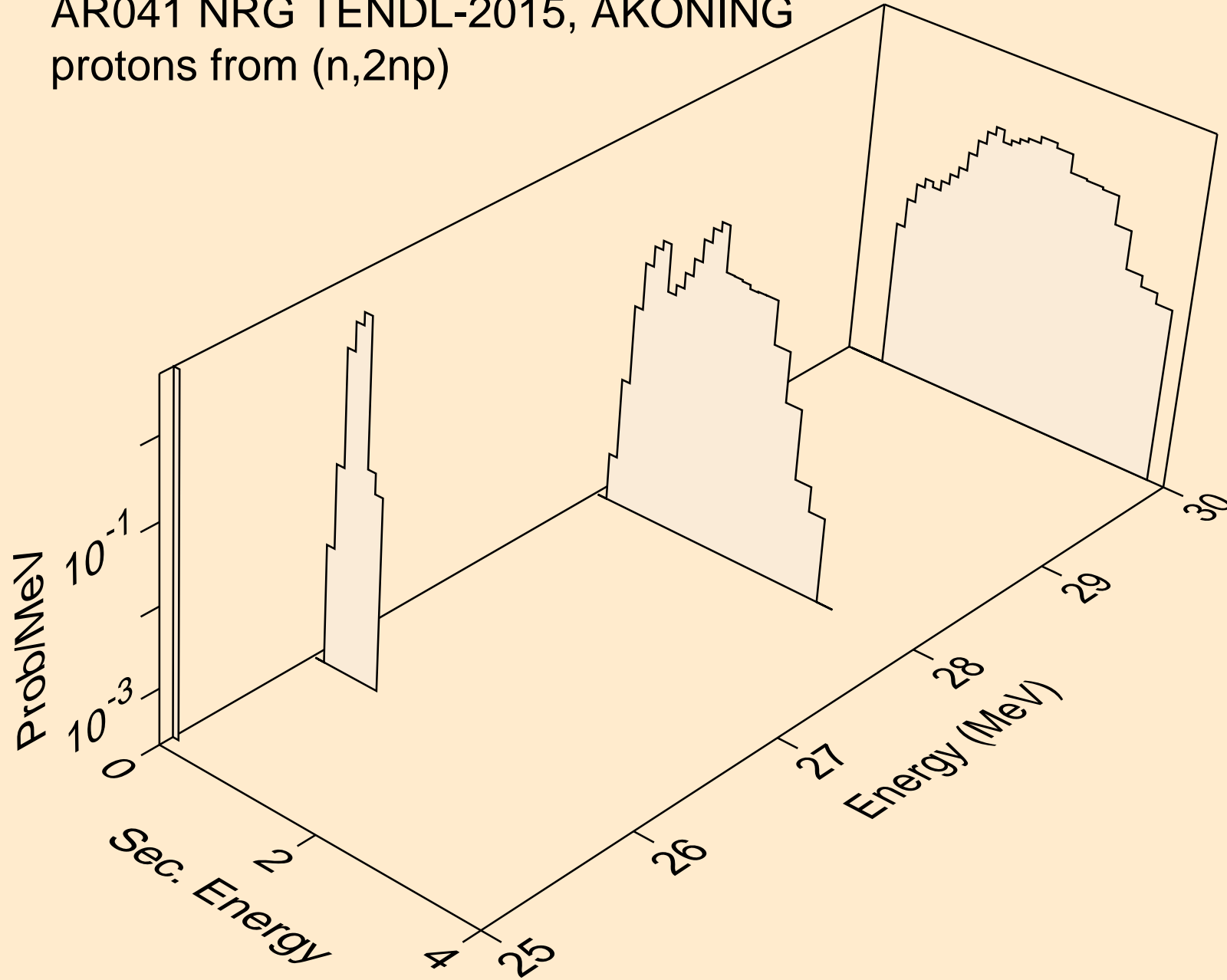


AR041 NRG TENDL-2015, AKONING  
protons from (n,3np)

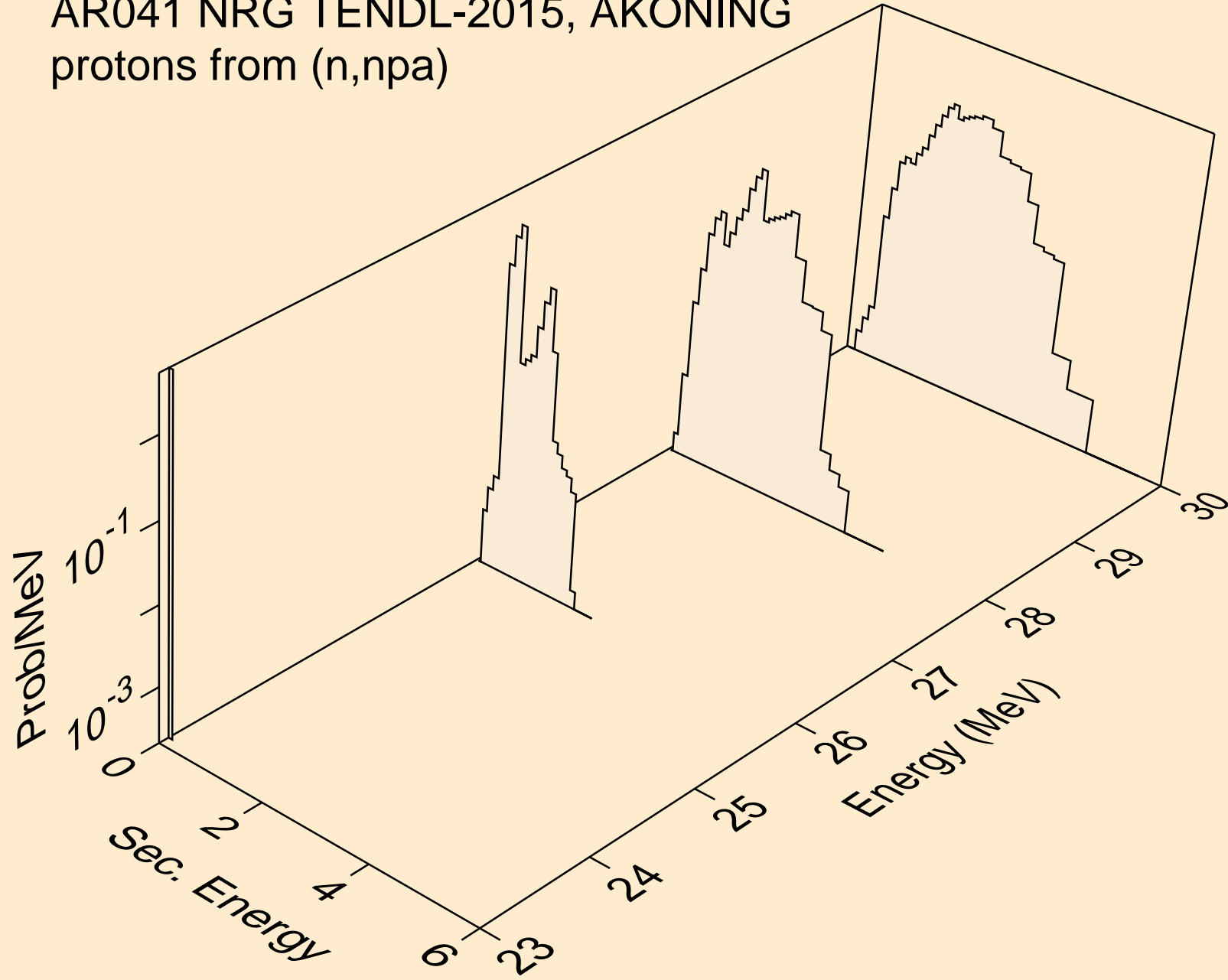




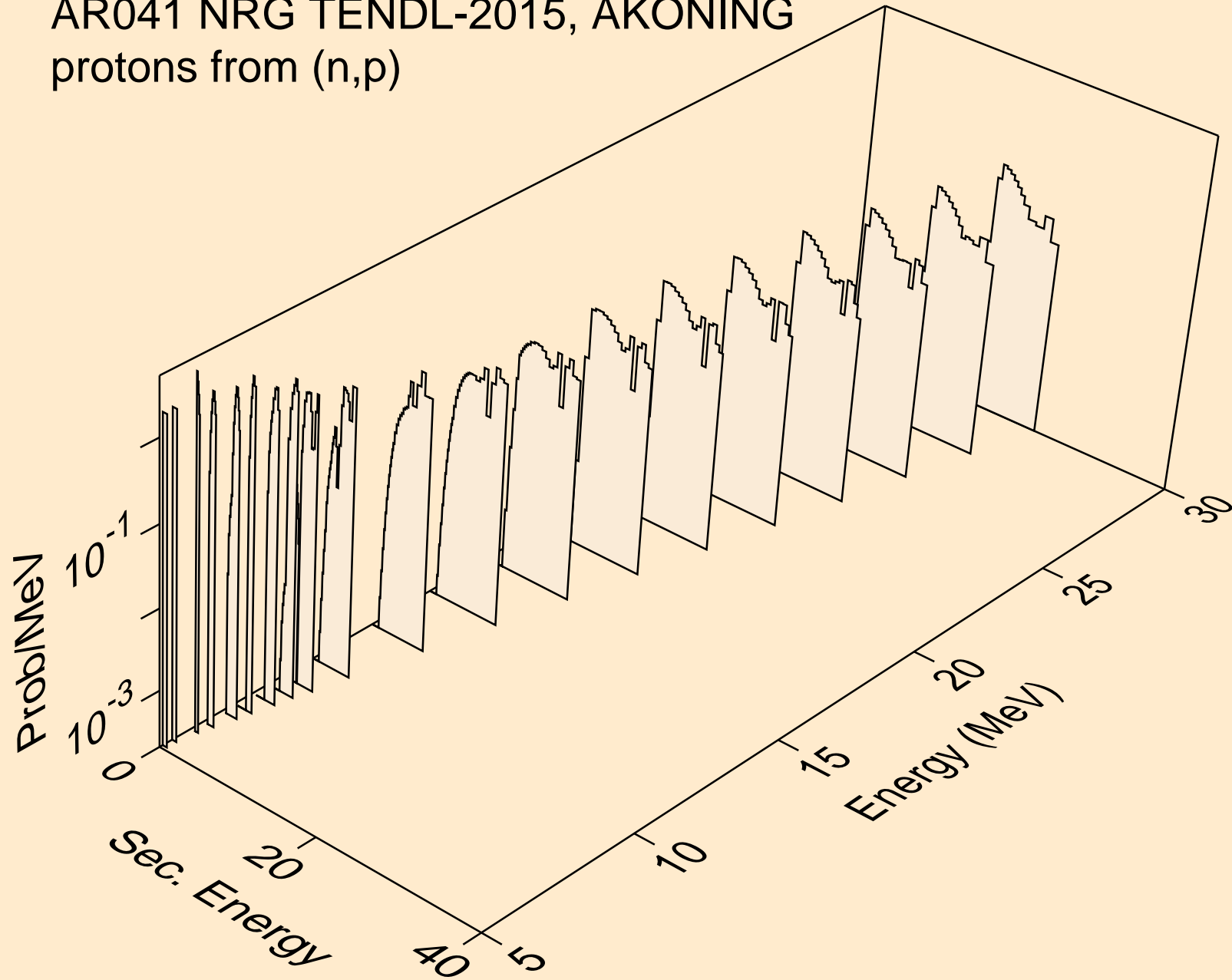
AR041 NRG TENDL-2015, AKONING  
protons from (n,2np)



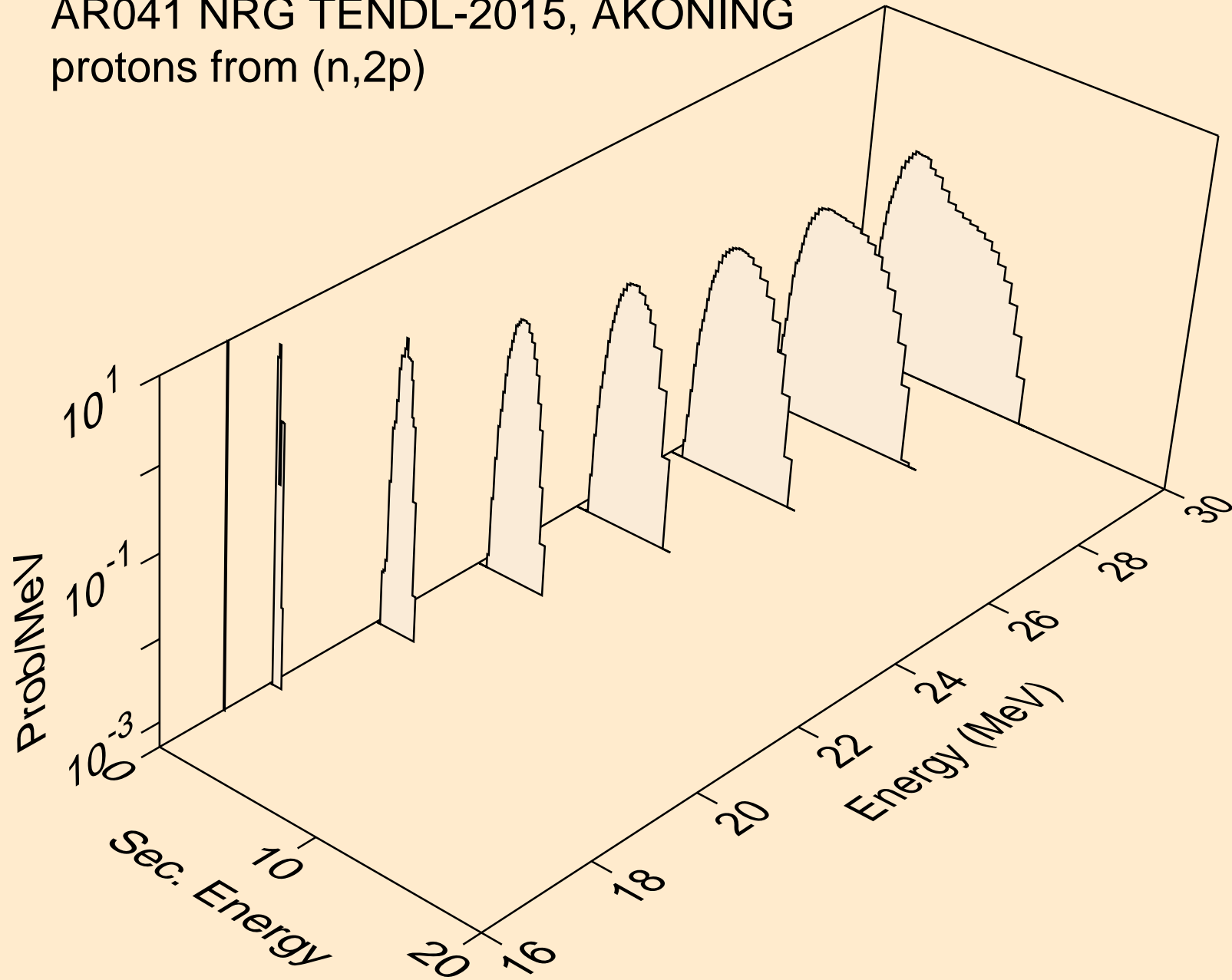
AR041 NRG TENDL-2015, AKONING  
protons from (n,npa)



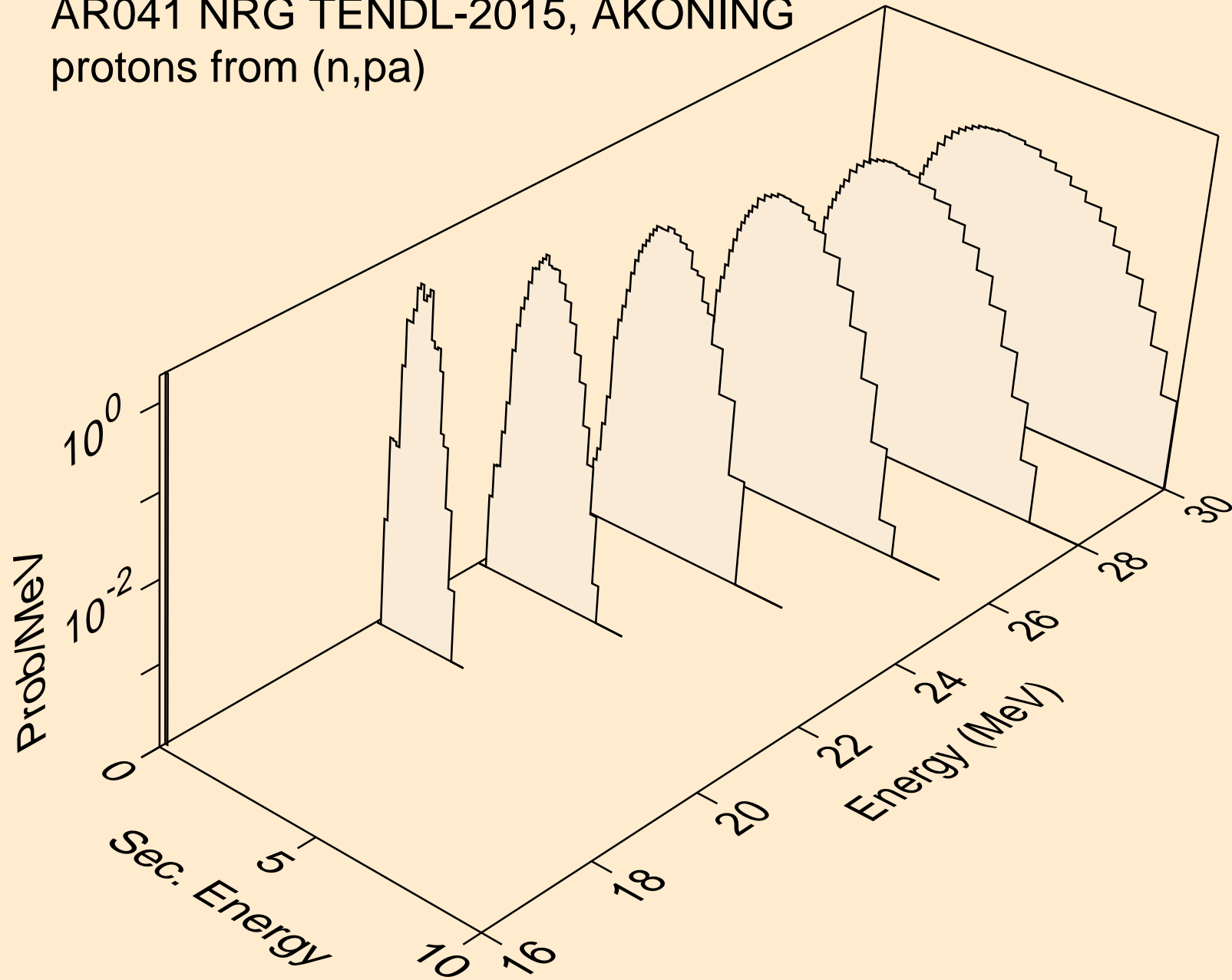
AR041 NRG TENDL-2015, AKONING  
protons from (n,p)



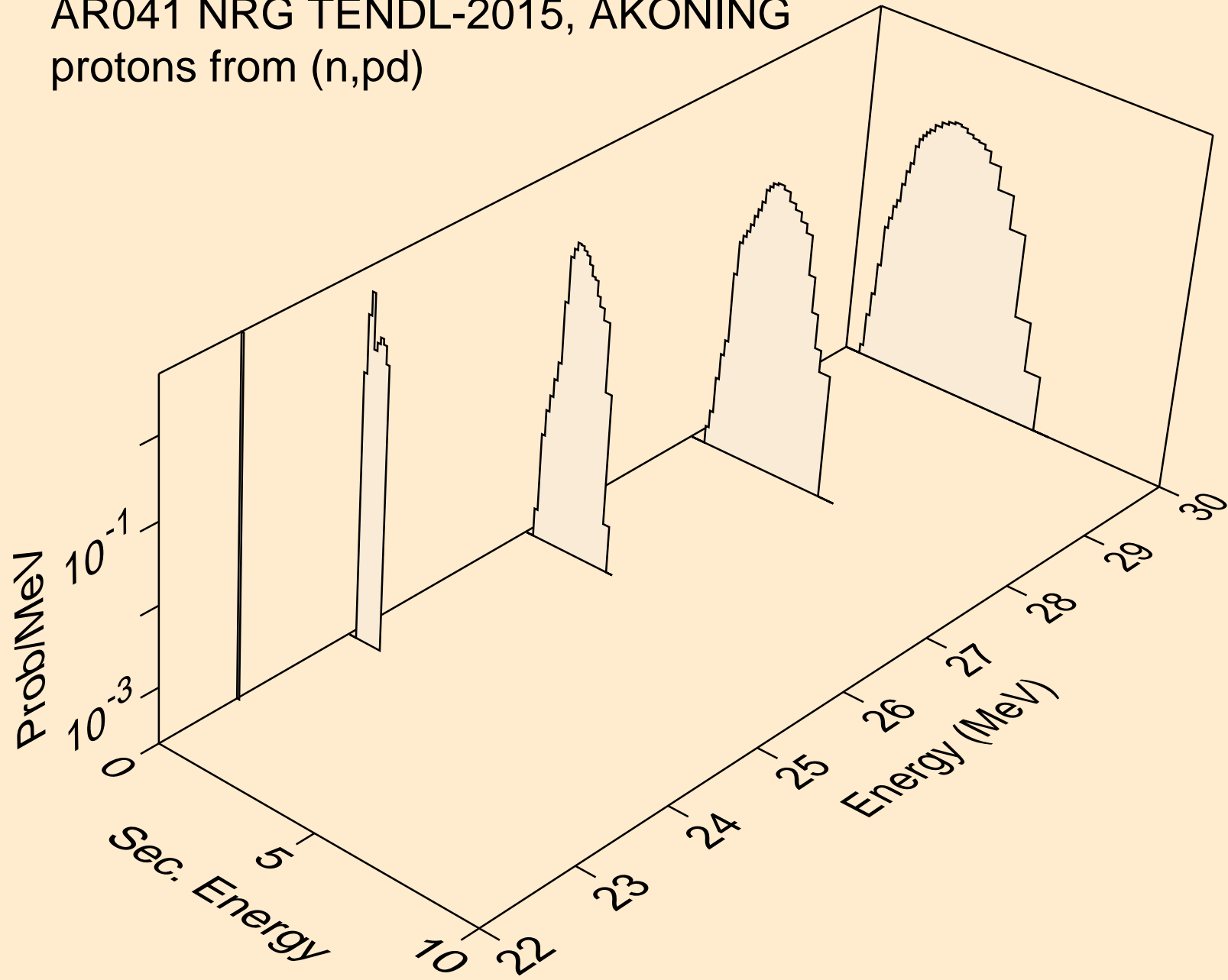
AR041 NRG TENDL-2015, AKONING  
protons from (n,2p)



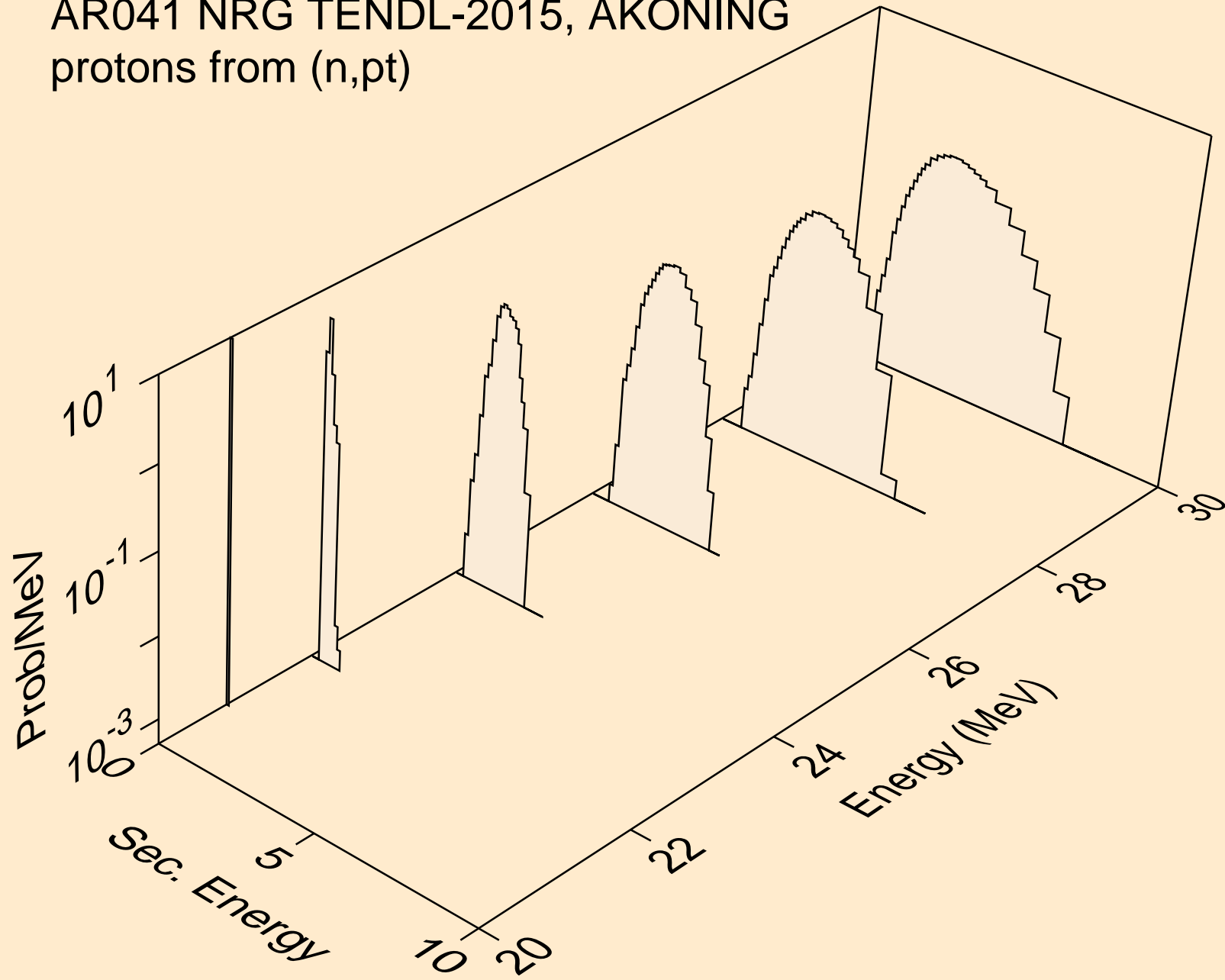
AR041 NRG TENDL-2015, AKONING  
protons from (n,pa)



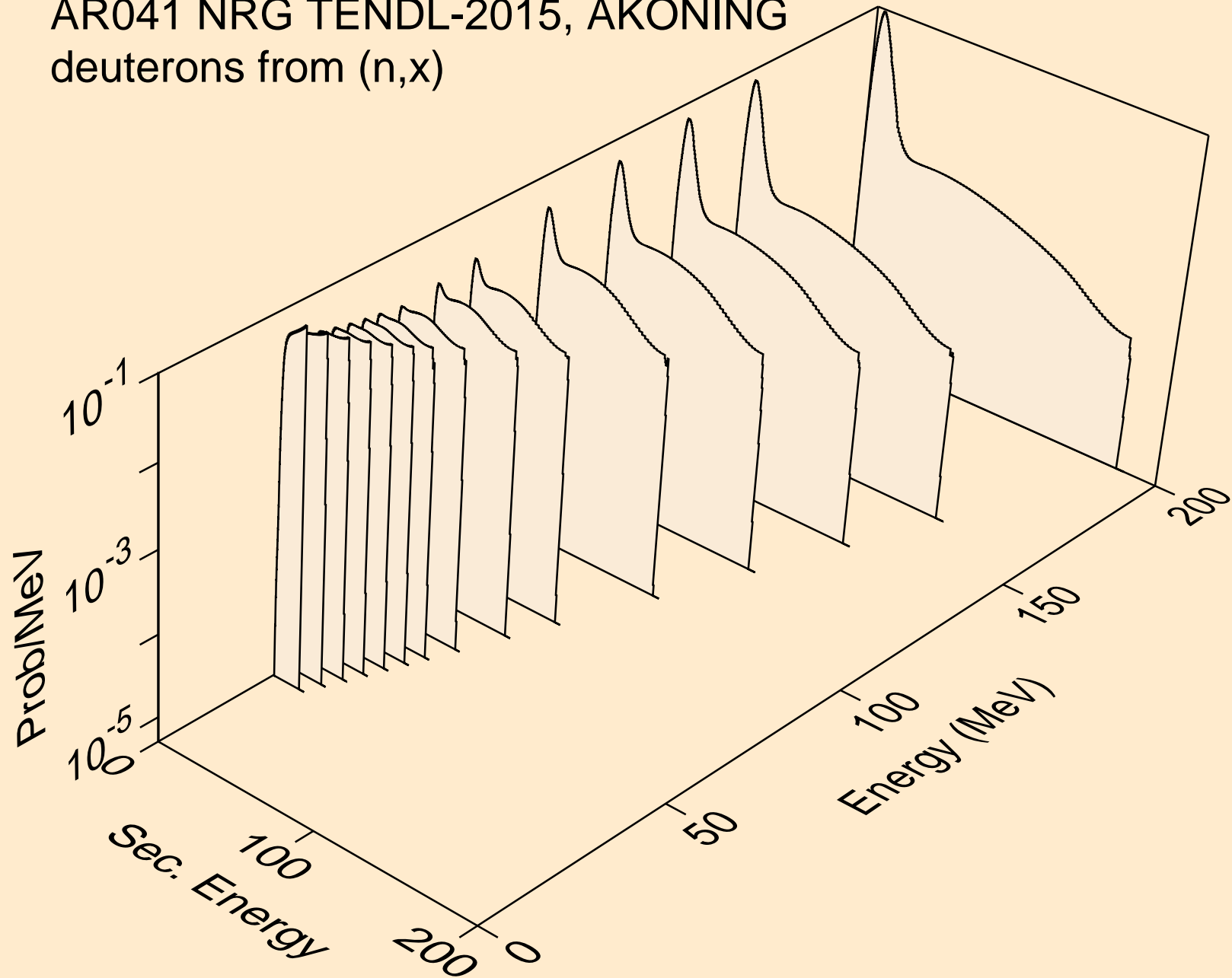
AR041 NRG TENDL-2015, AKONING  
protons from (n,pd)



AR041 NRG TENDL-2015, AKONING  
protons from (n,pt)

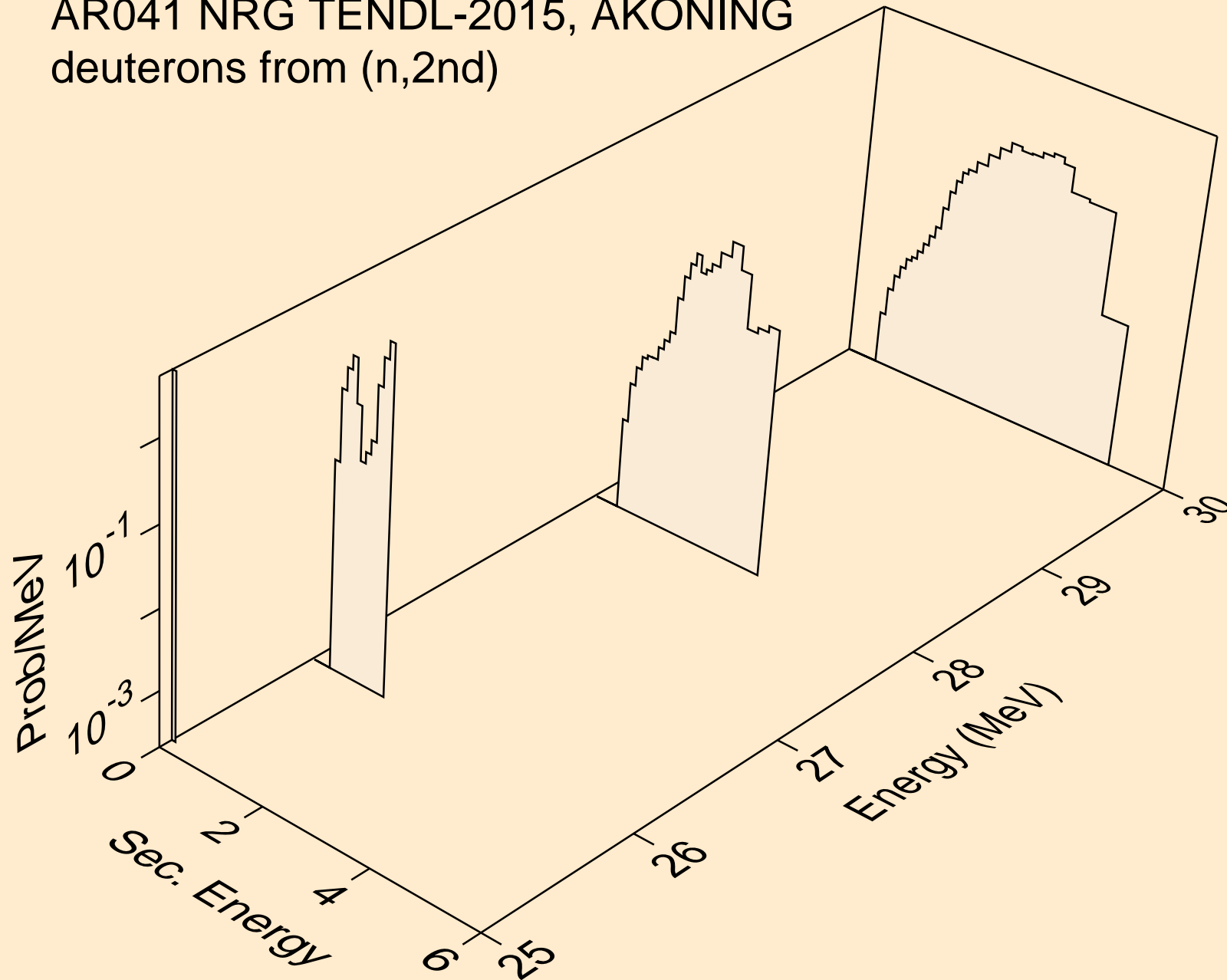


AR041 NRG TENDL-2015, AKONING  
deuterons from (n,x)

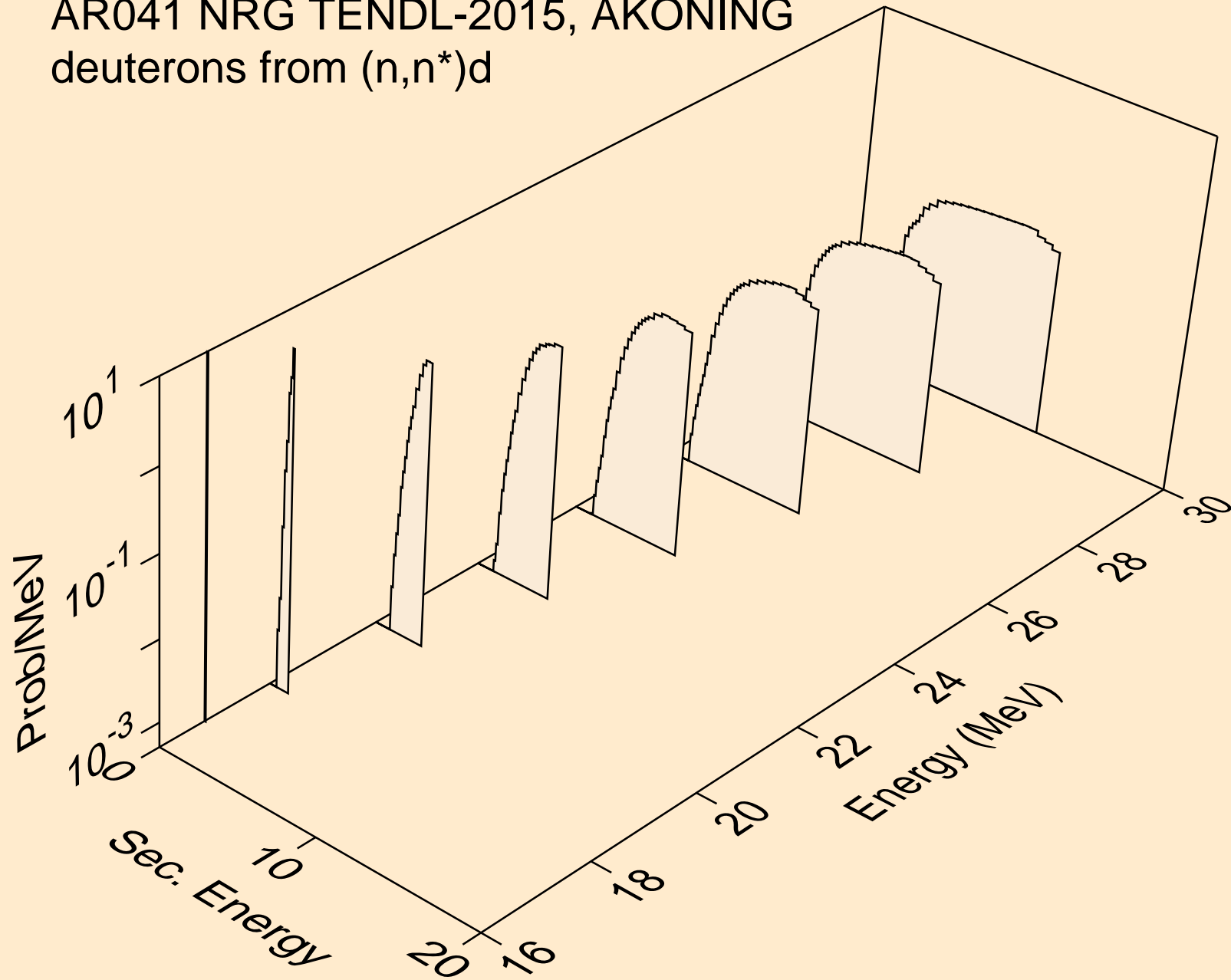




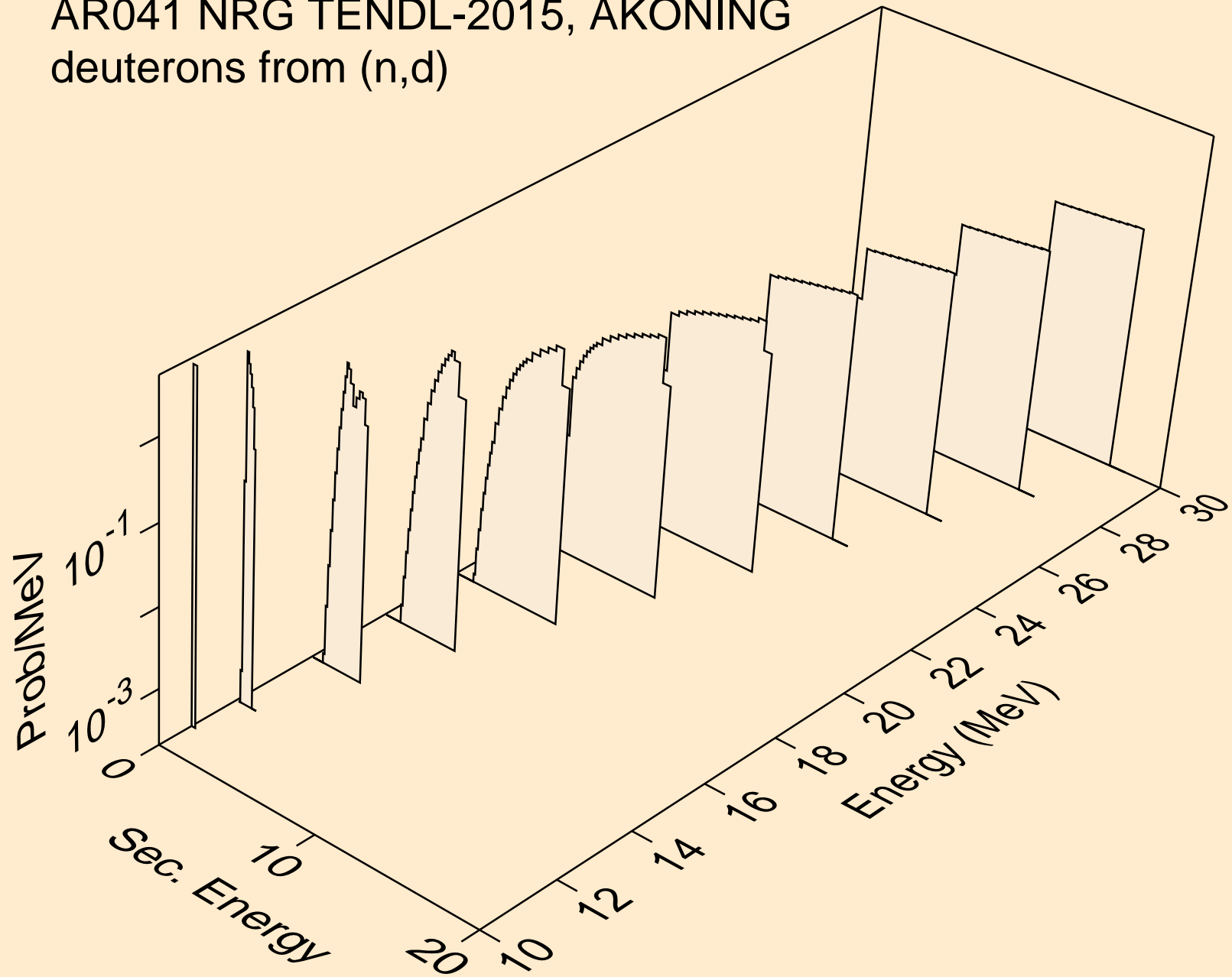
AR041 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



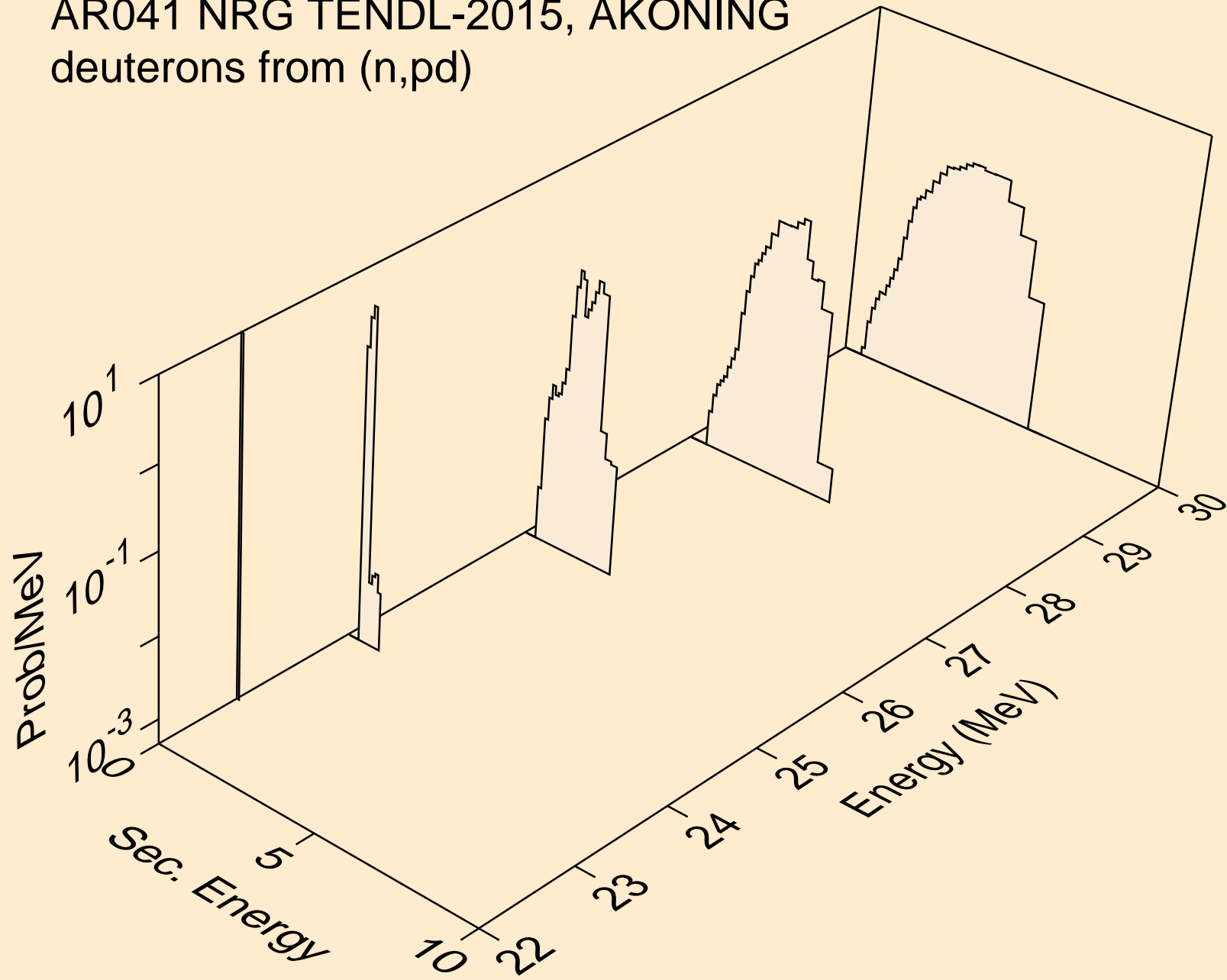
AR041 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



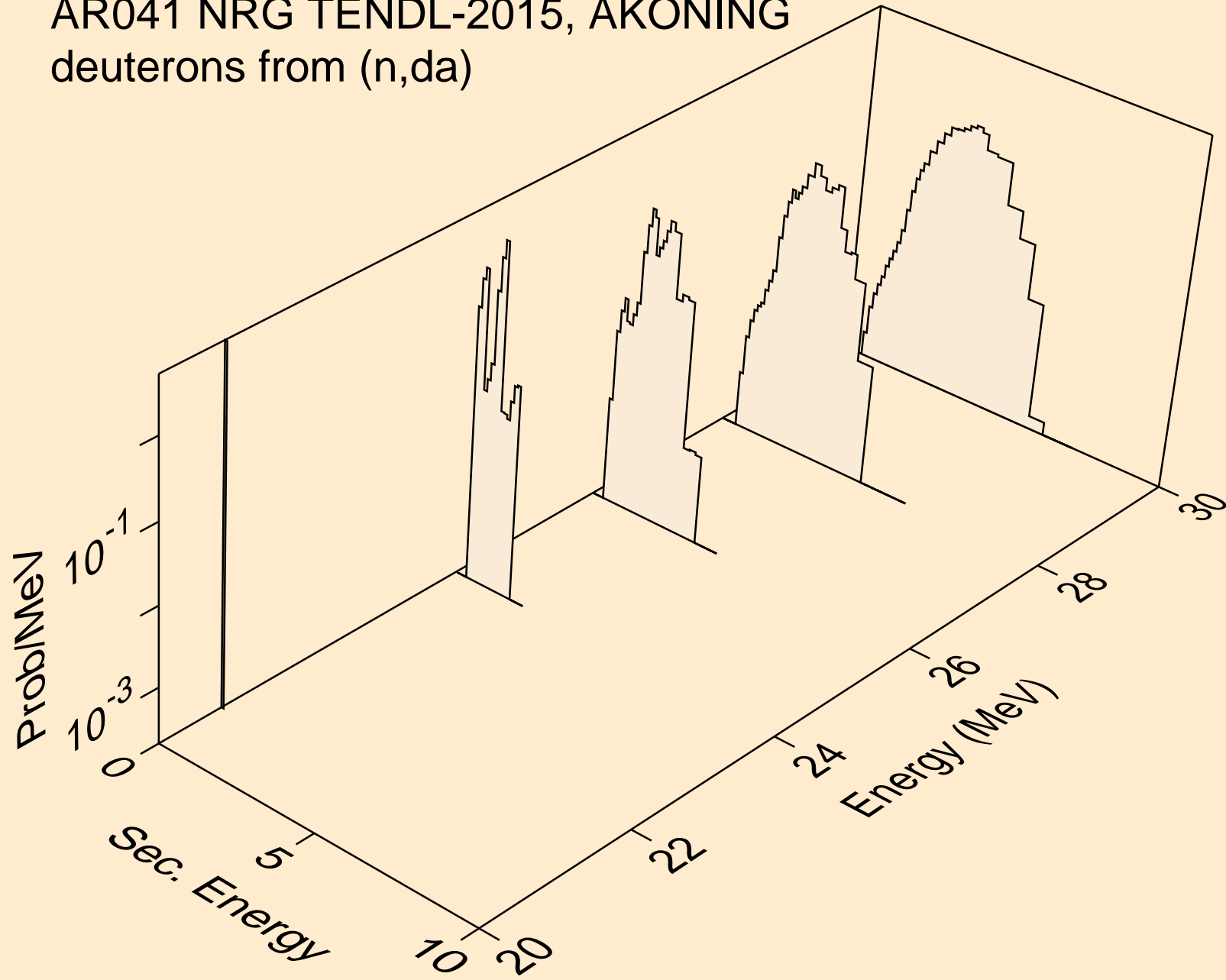
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deuterons from (n,d)



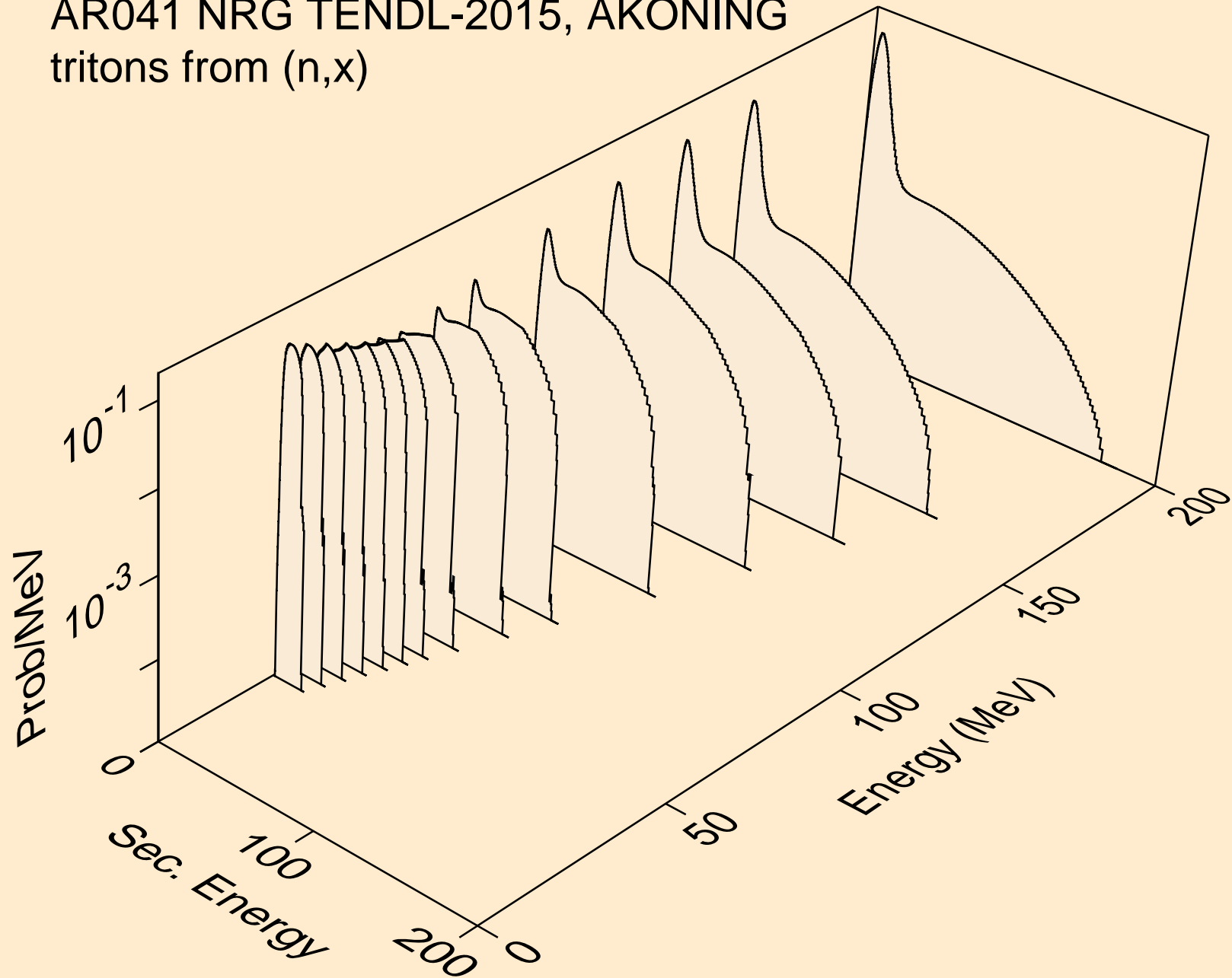
AR041 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



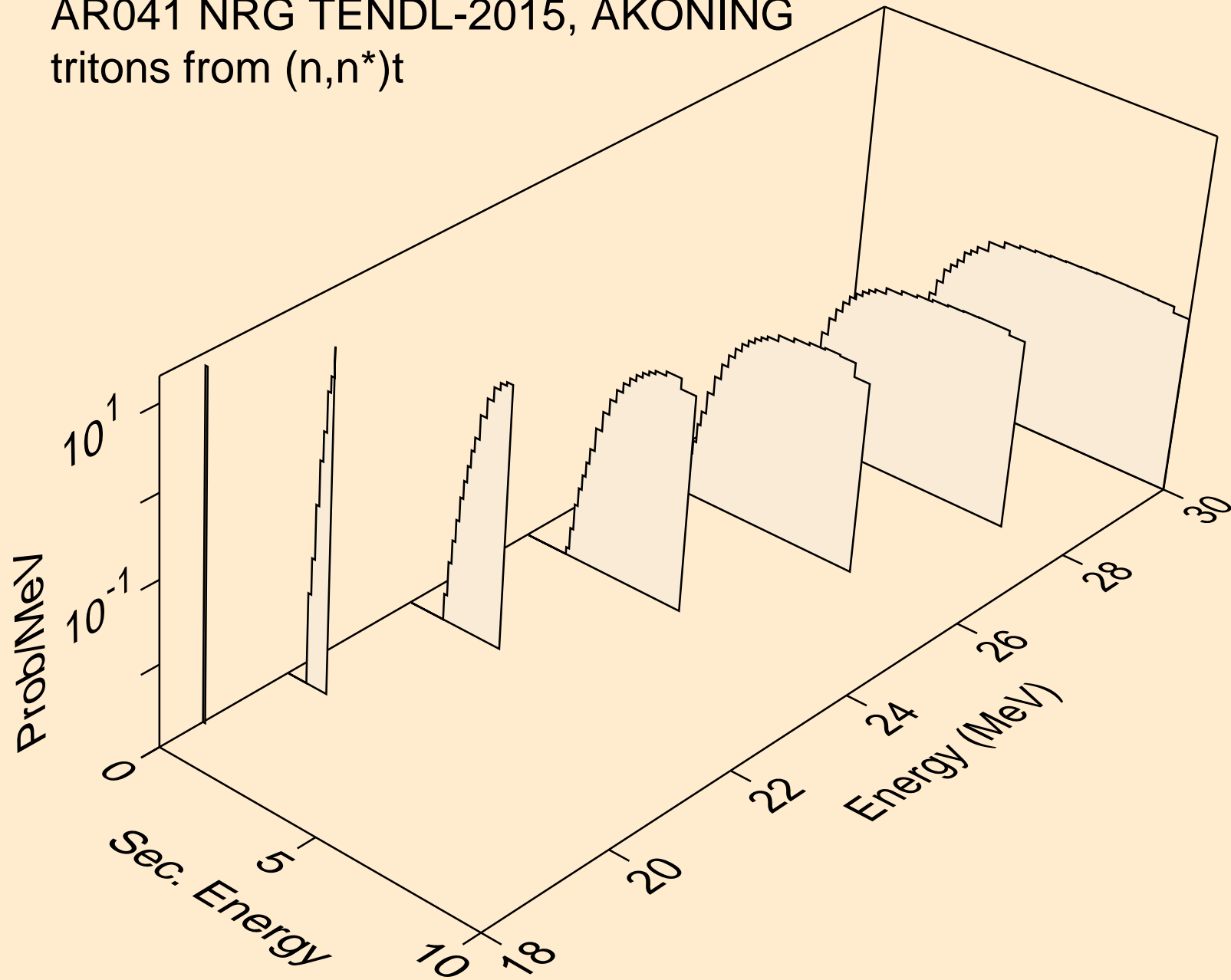
AR041 NRG TENDL-2015, AKONING  
deuterons from (n,da)



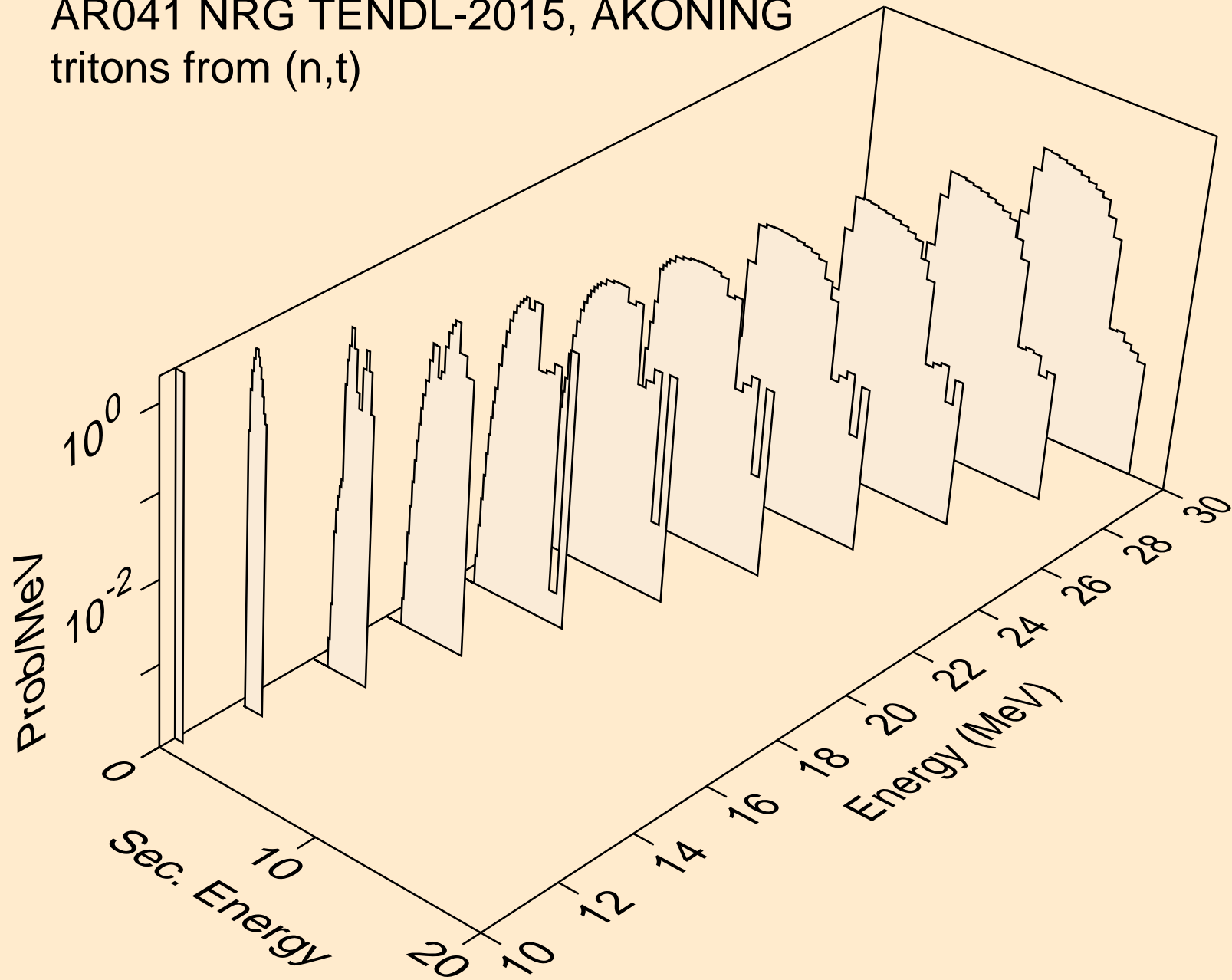
AR041 NRG TENDL-2015, AKONING  
tritons from (n,x)



AR041 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

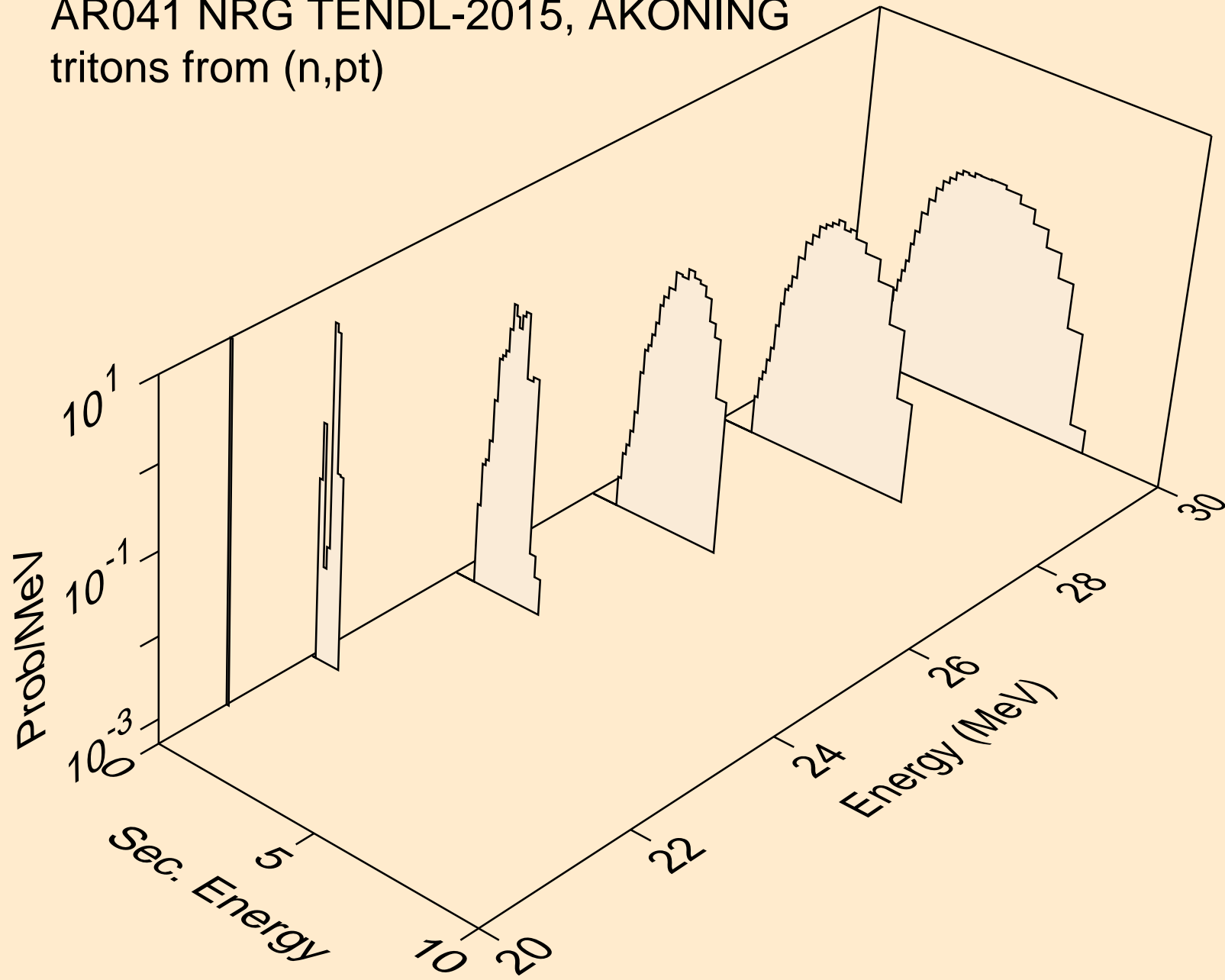


AR041 NRG TENDL-2015, AKONING  
tritons from (n,t)

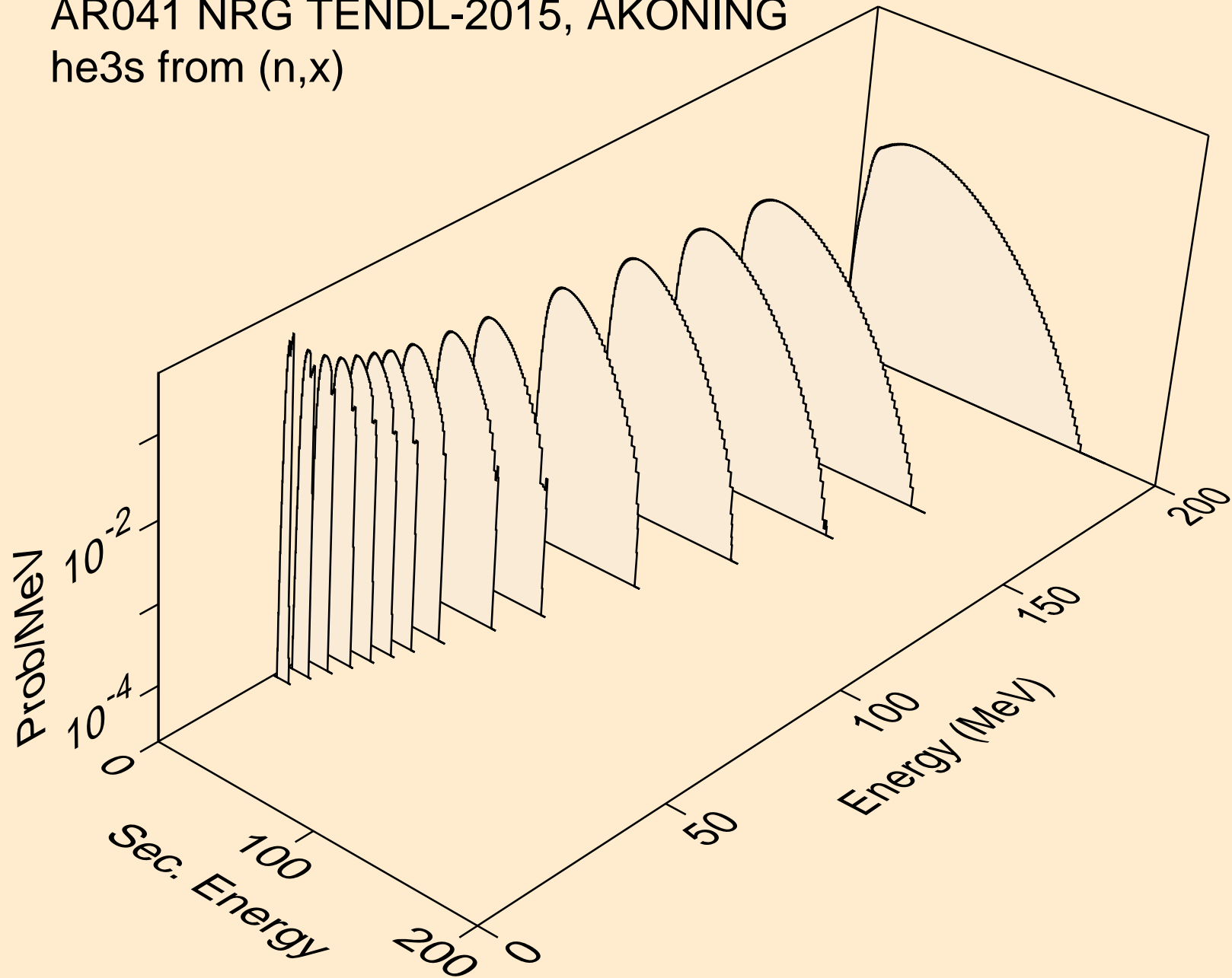




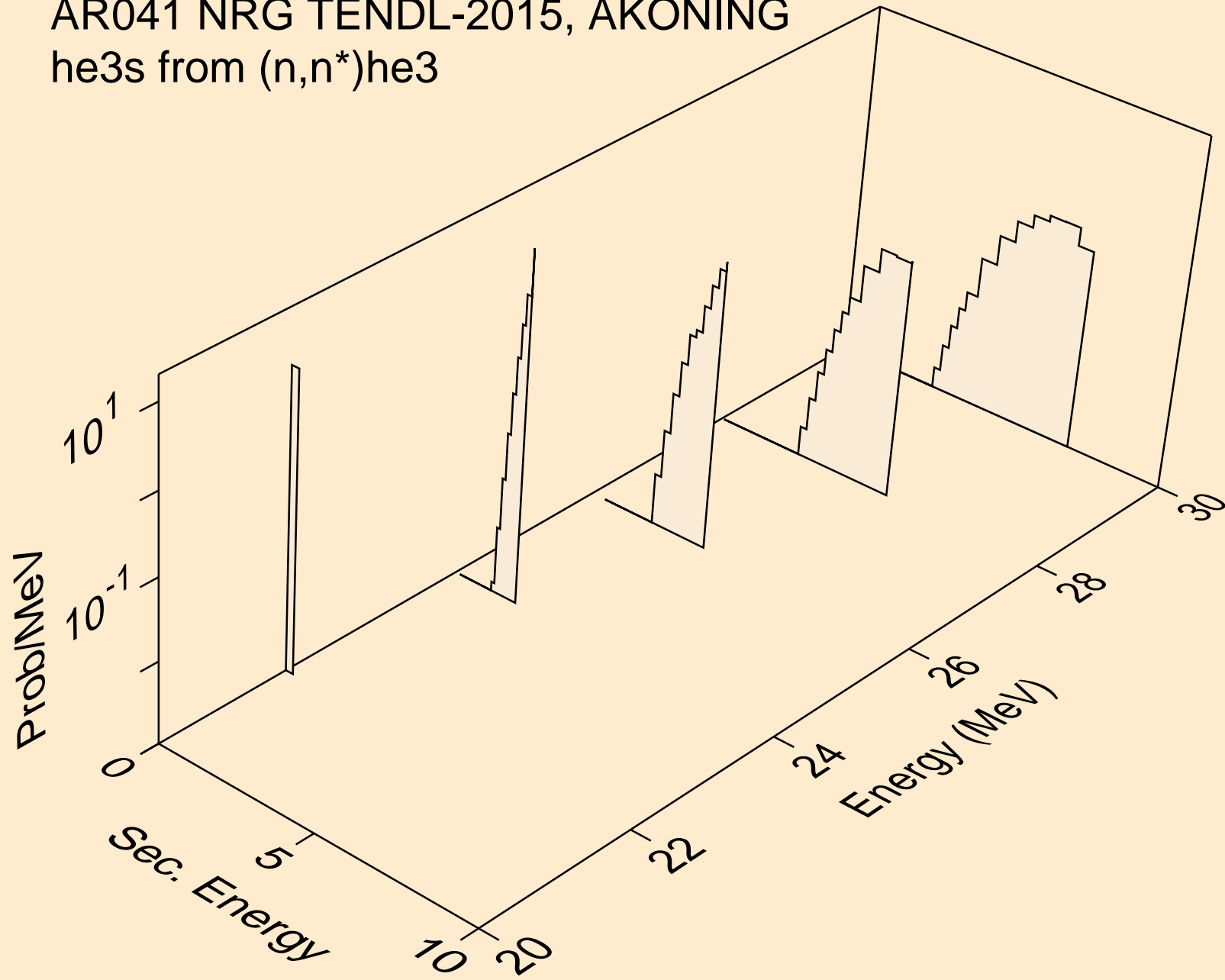
AR041 NRG TENDL-2015, AKONING  
tritons from (n,pt)



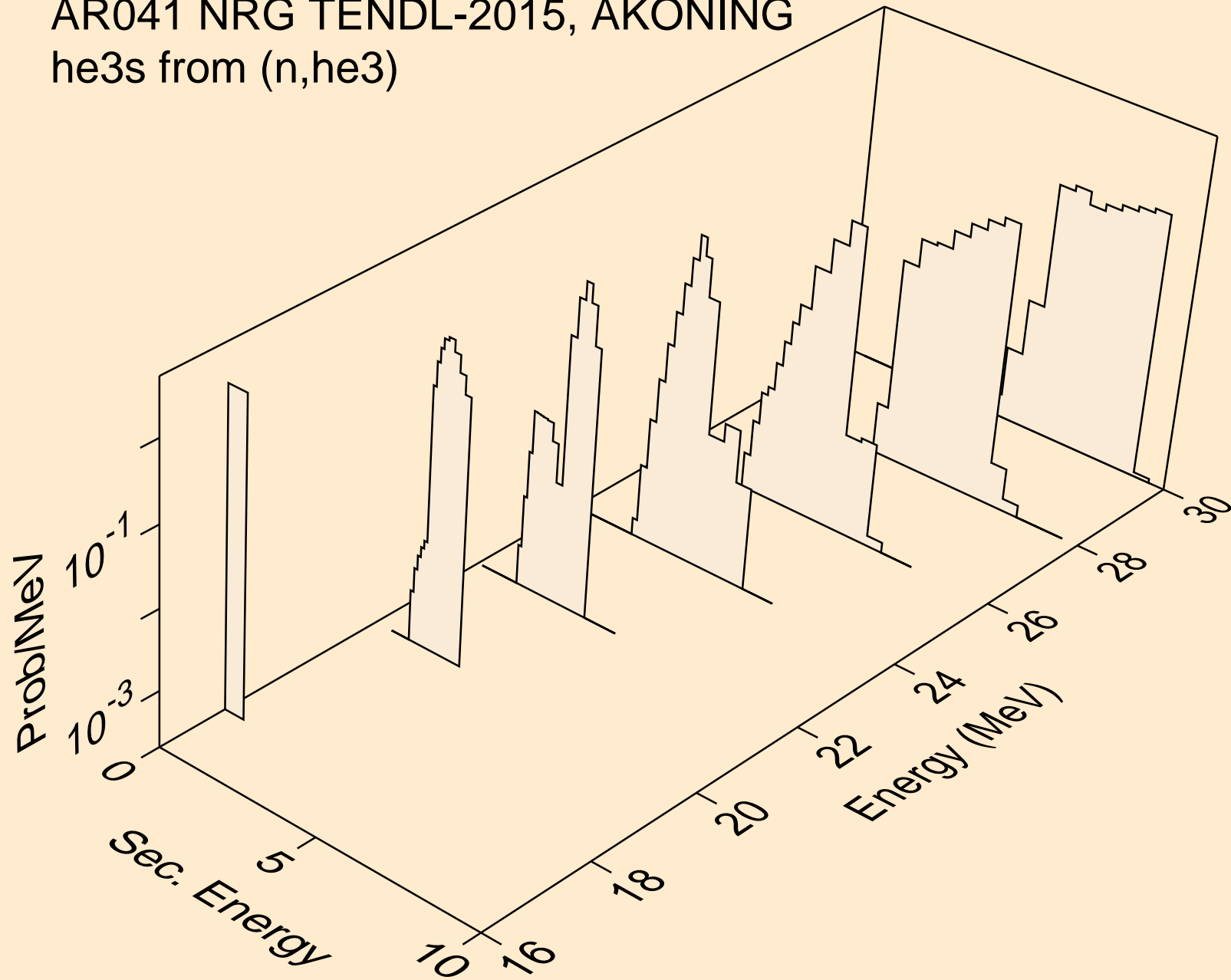
AR041 NRG TENDL-2015, AKONING  
he3s from (n,x)



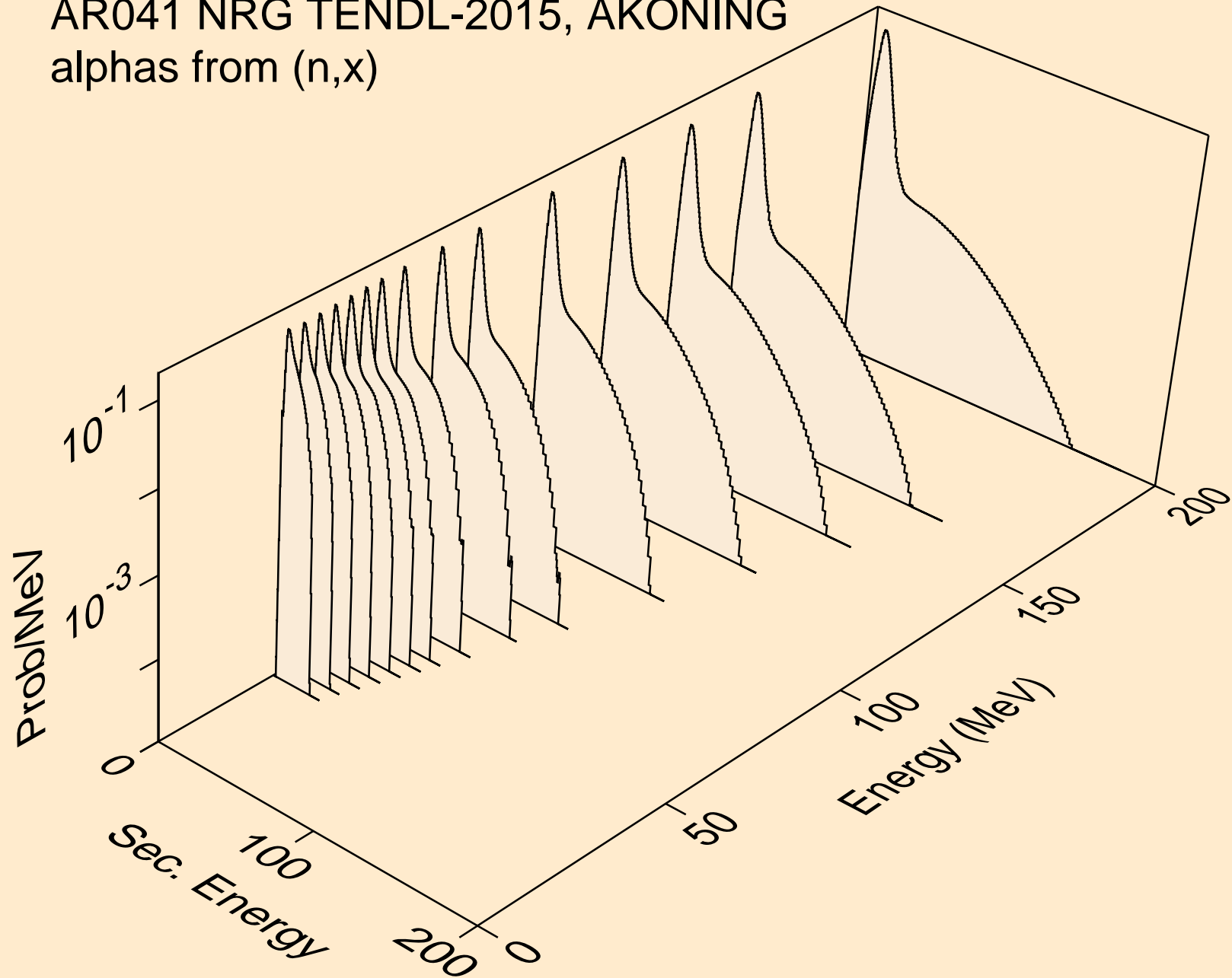
AR041 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



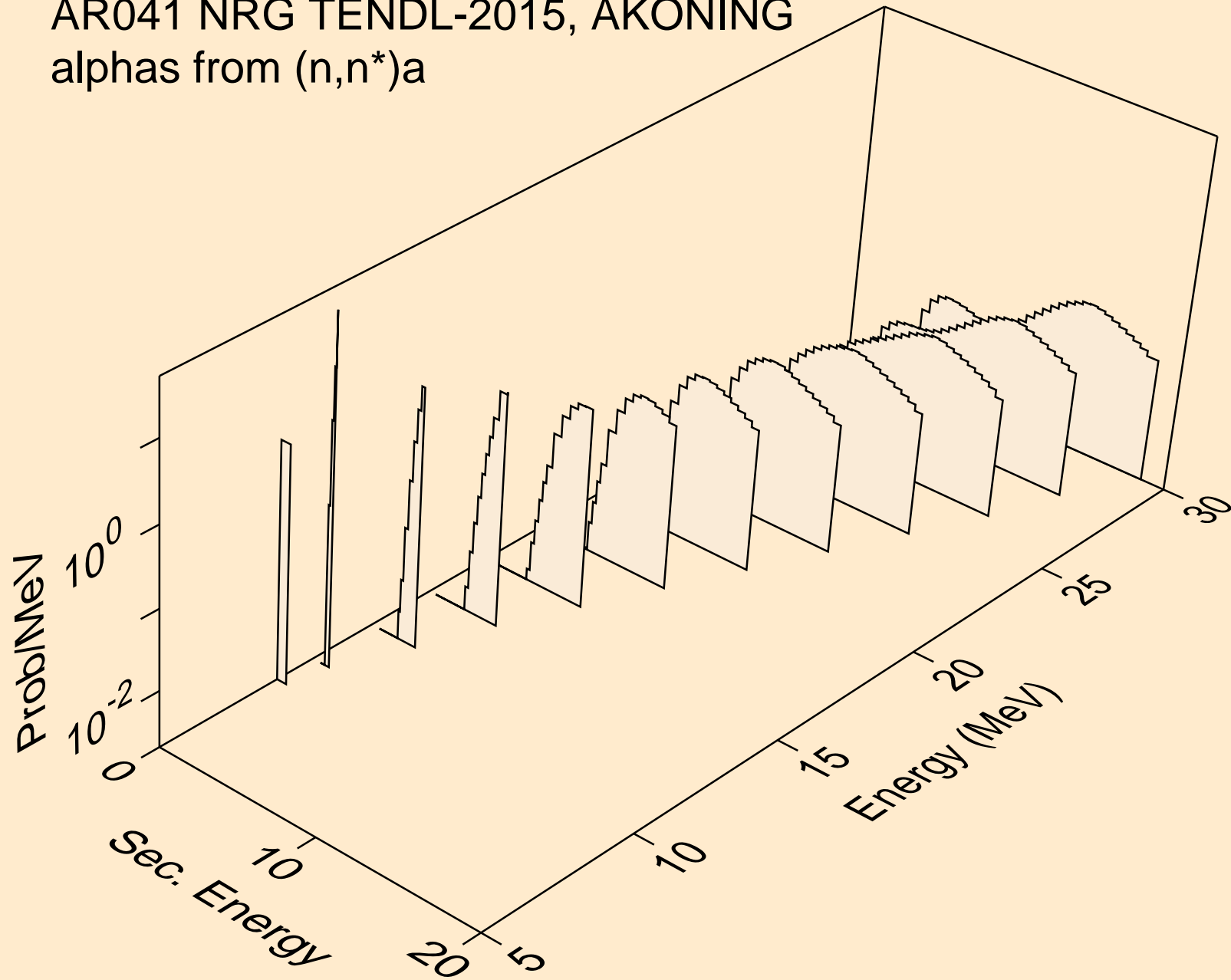
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he3s from (n,he3)



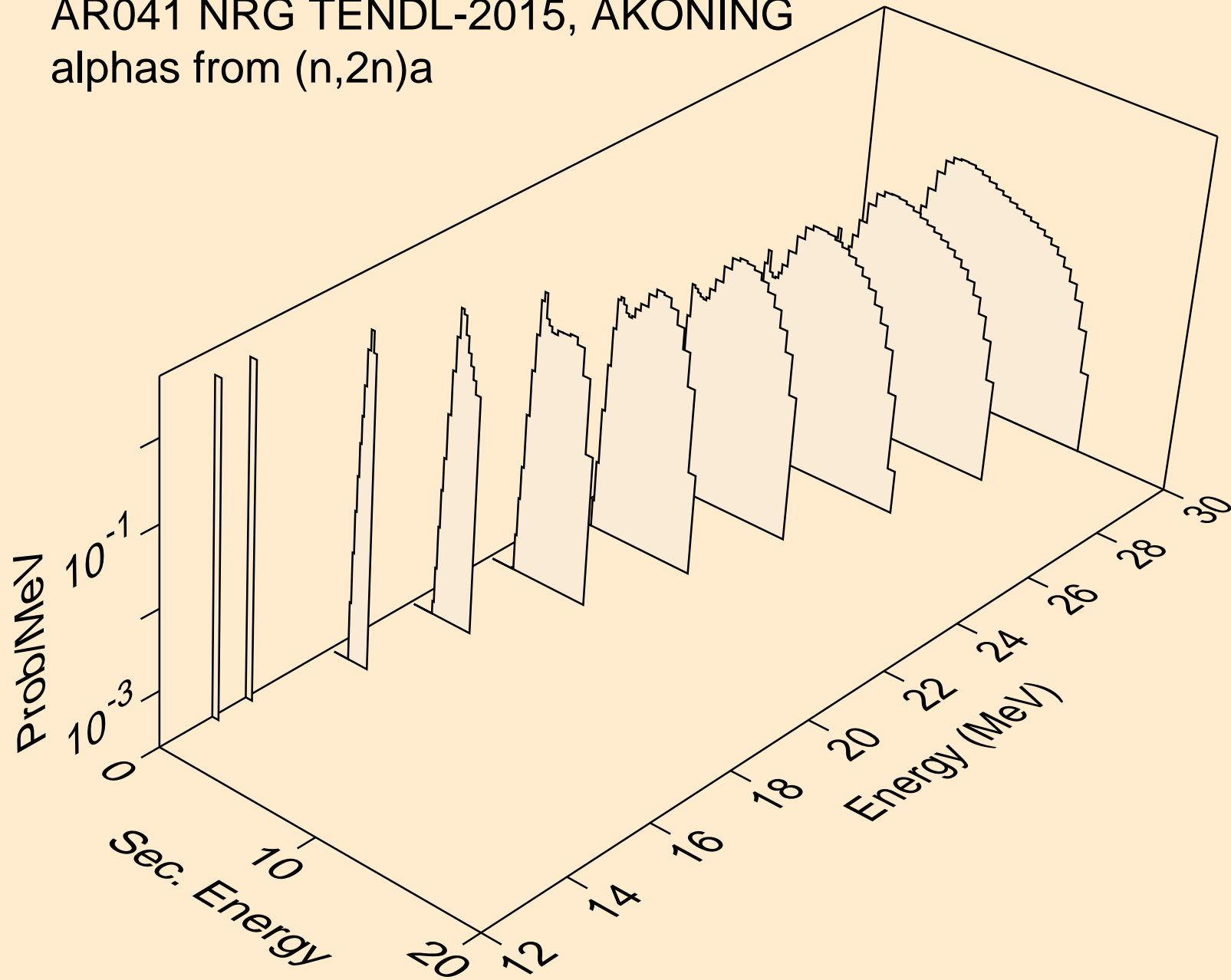
AR041 NRG TENDL-2015, AKONING  
alphas from (n,x)



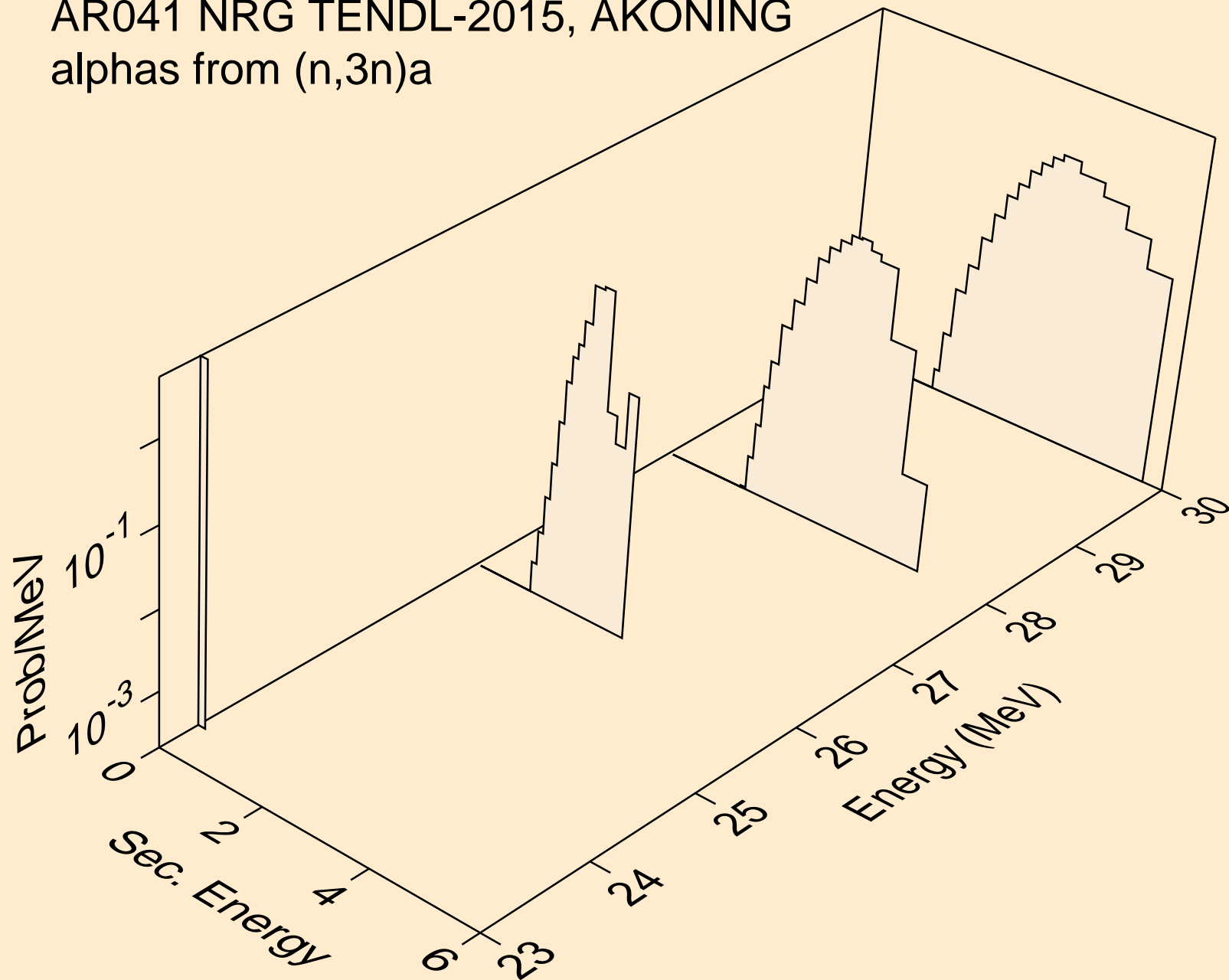
AR041 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



AR041 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

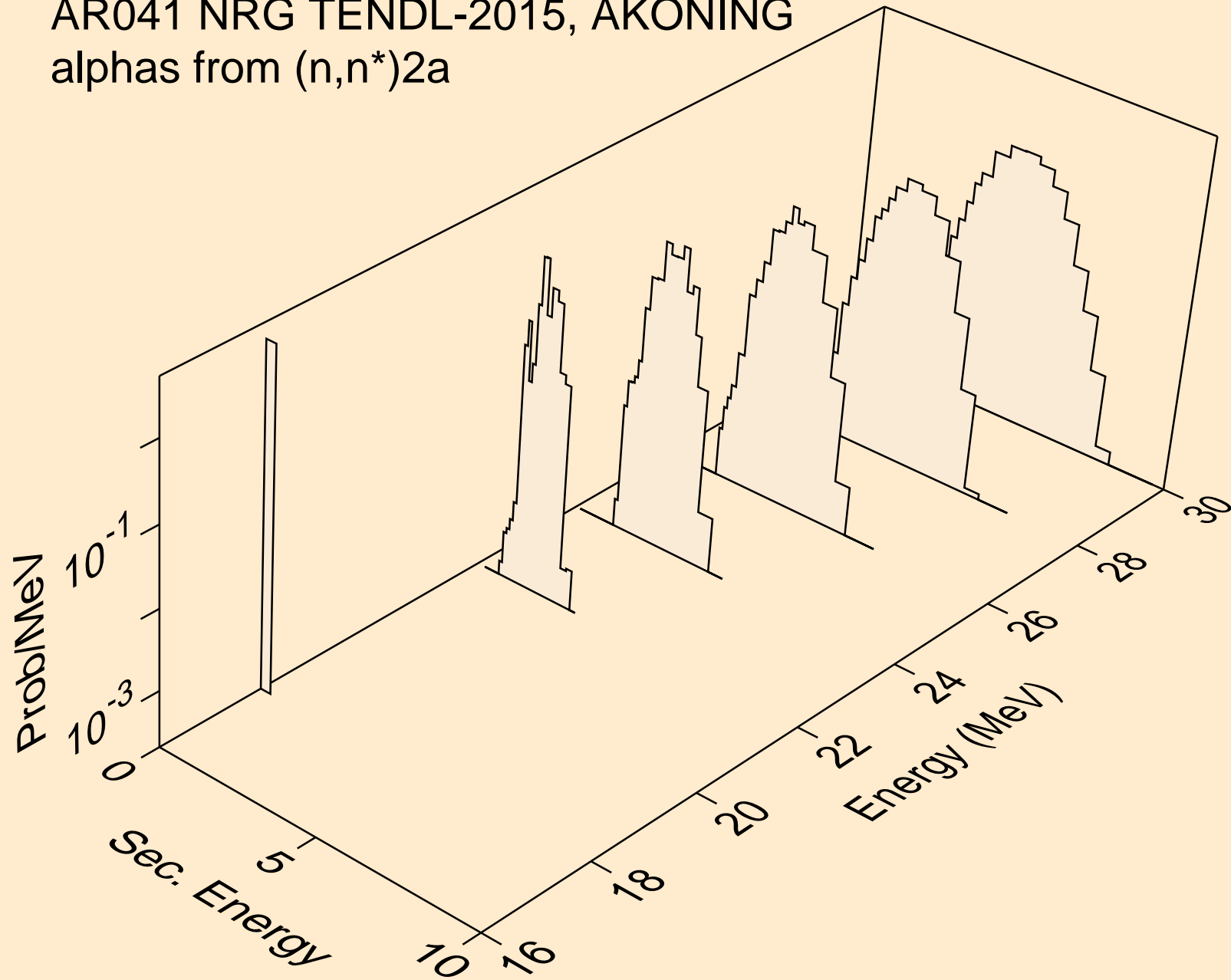


AR041 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

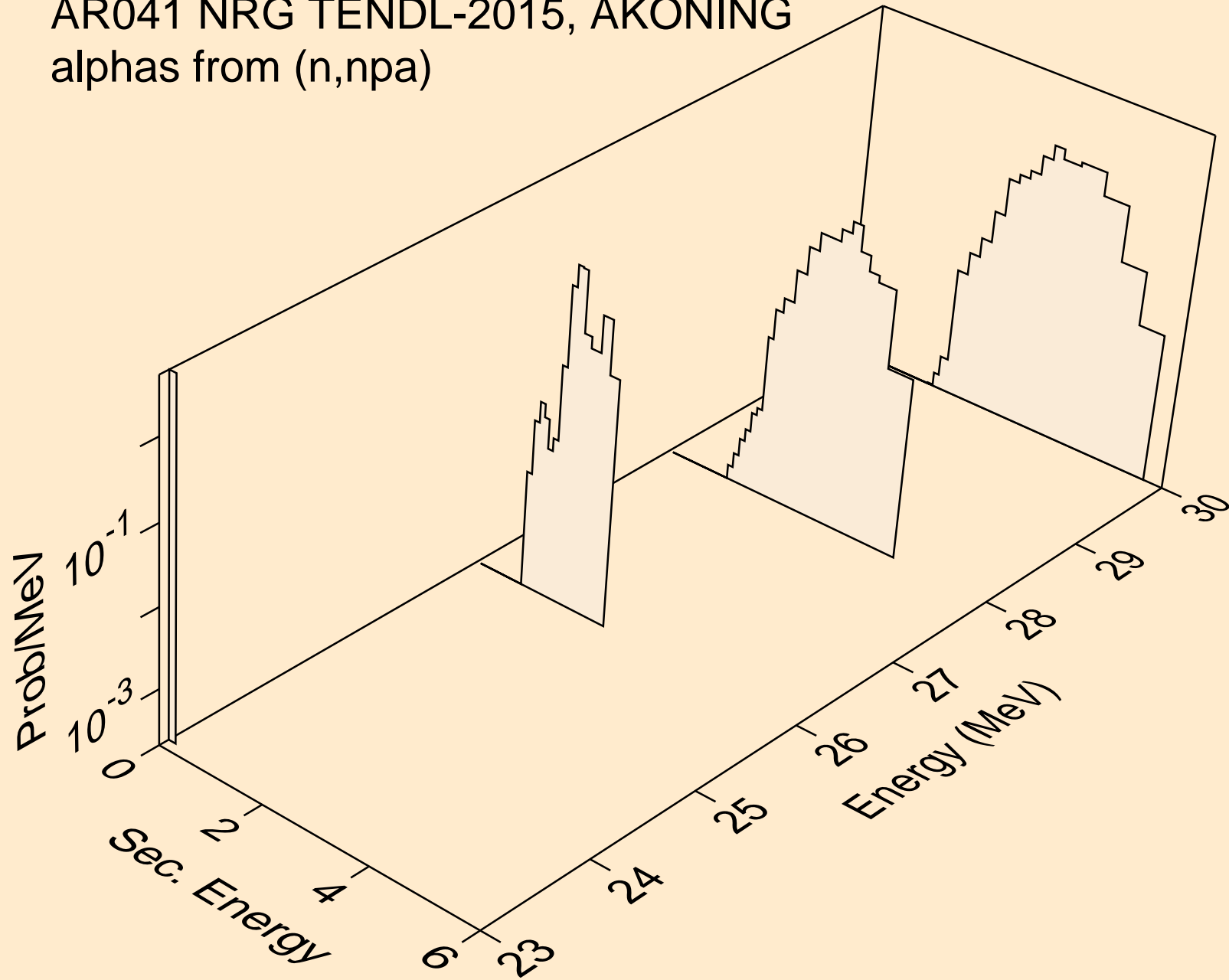




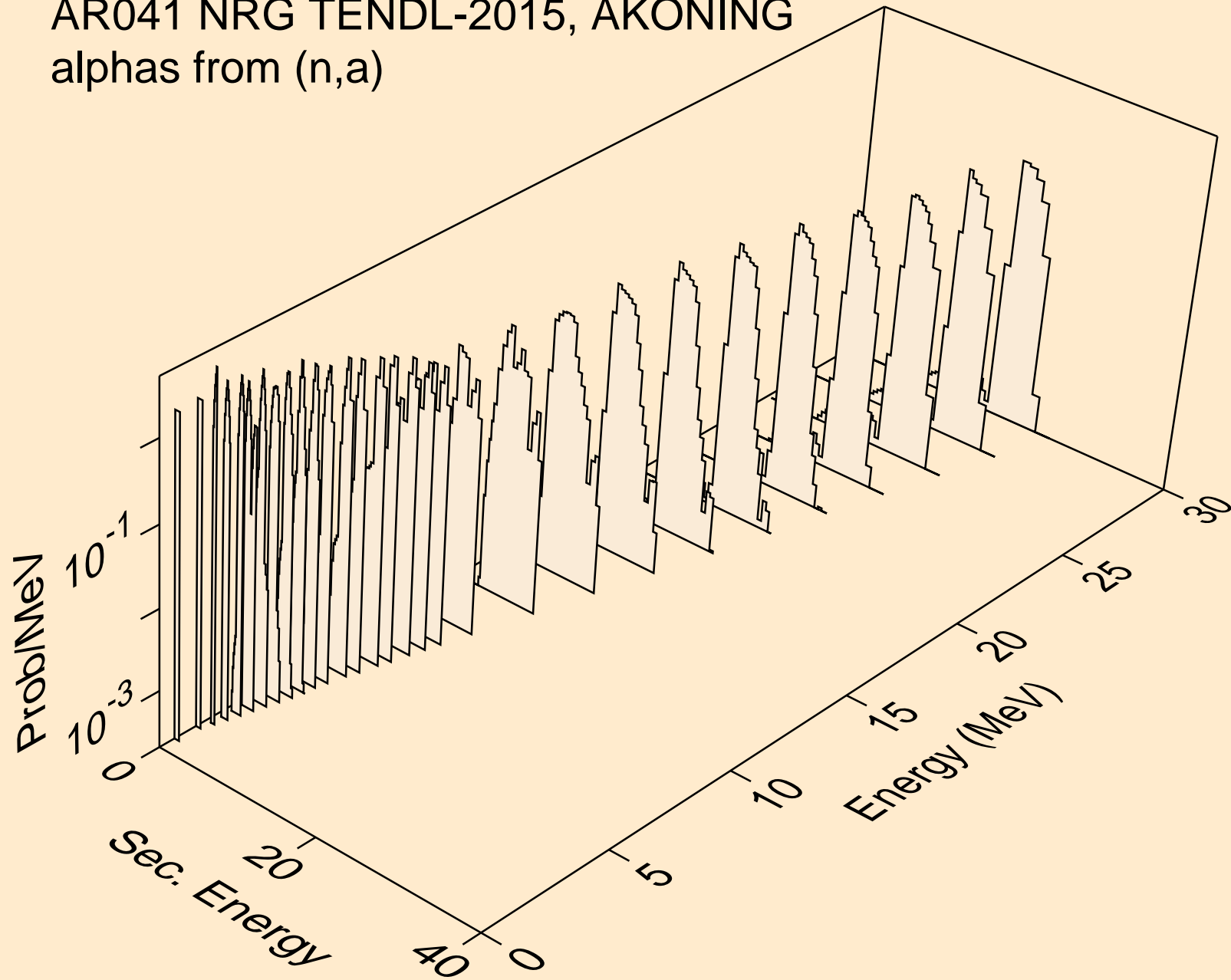
AR041 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



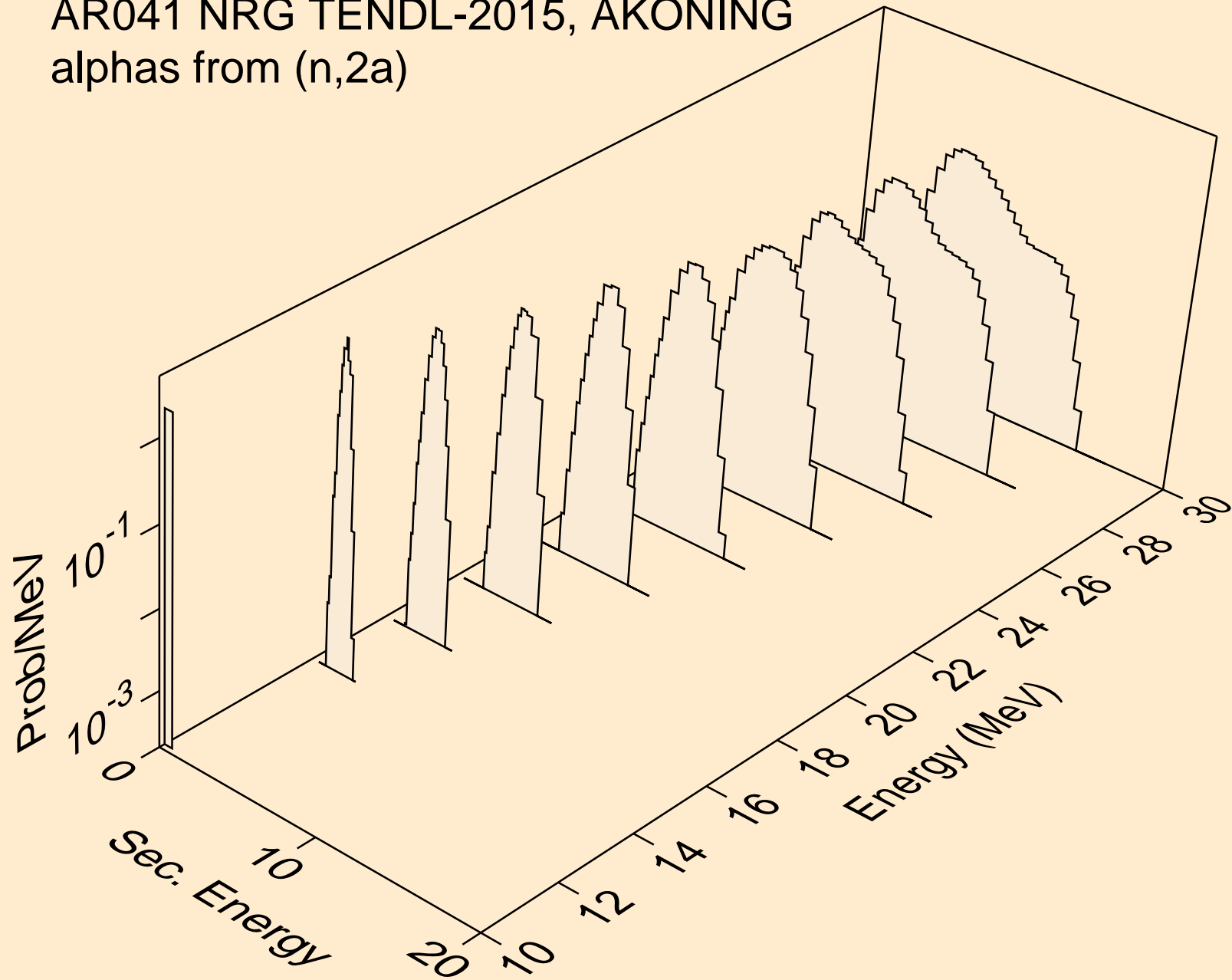
AR041 NRG TENDL-2015, AKONING  
alphas from (n,npa)



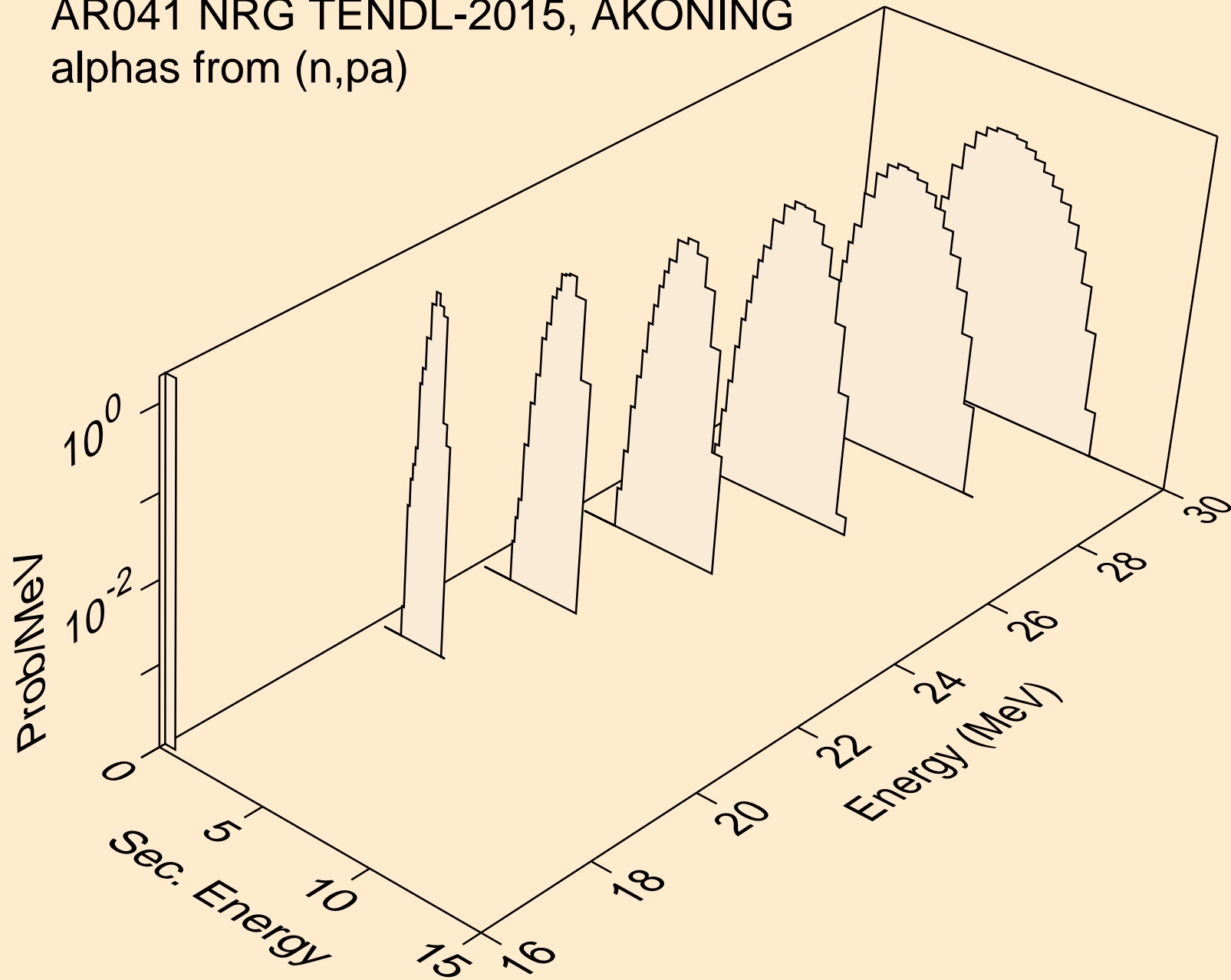
AR041 NRG TENDL-2015, AKONING  
alphas from (n,a)



AR041 NRG TENDL-2015, AKONING  
alphas from (n,2a)



AR041 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AR041 NRG TENDL-2015, AKONING  
alphas from (n,da)

