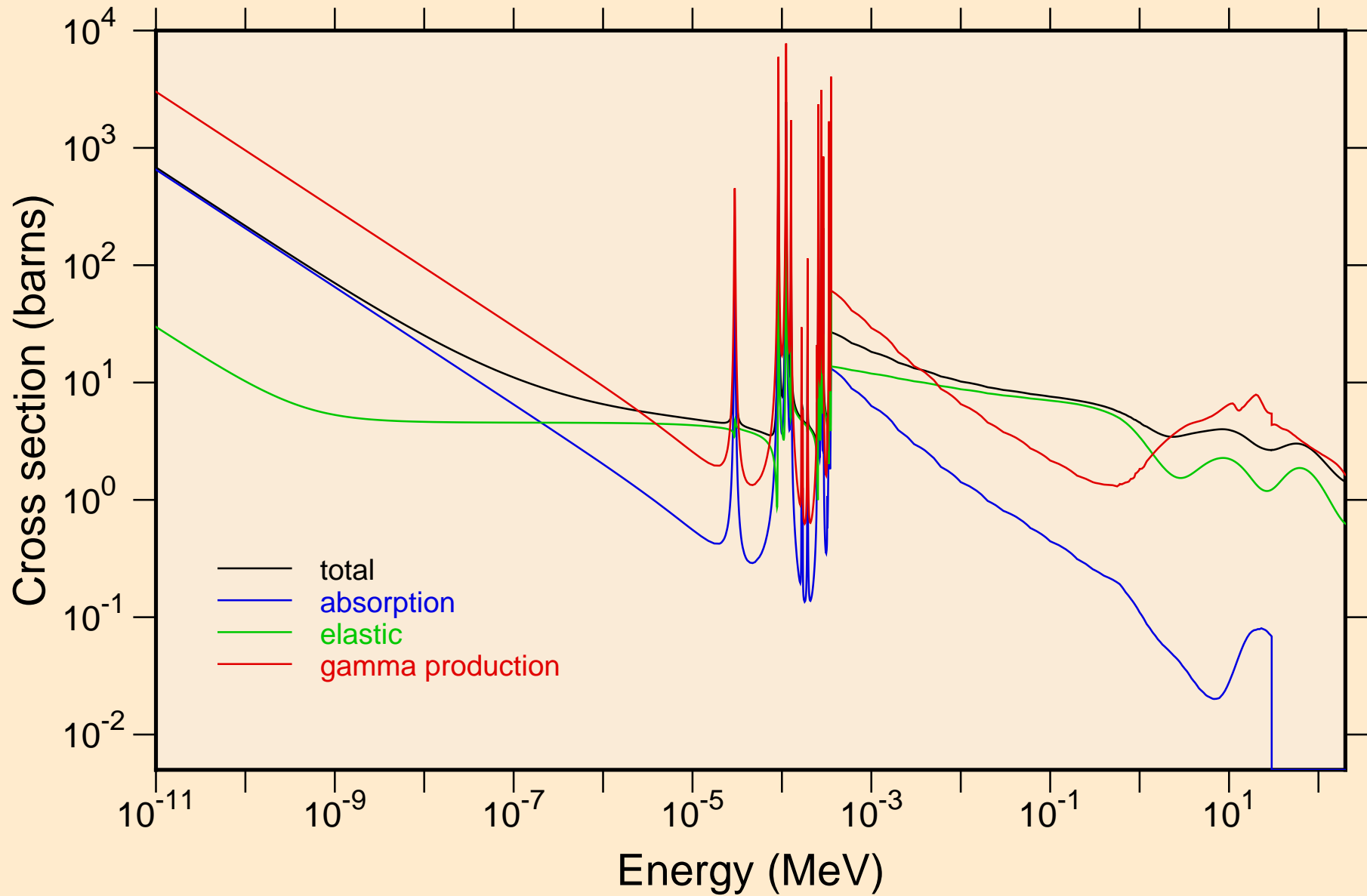
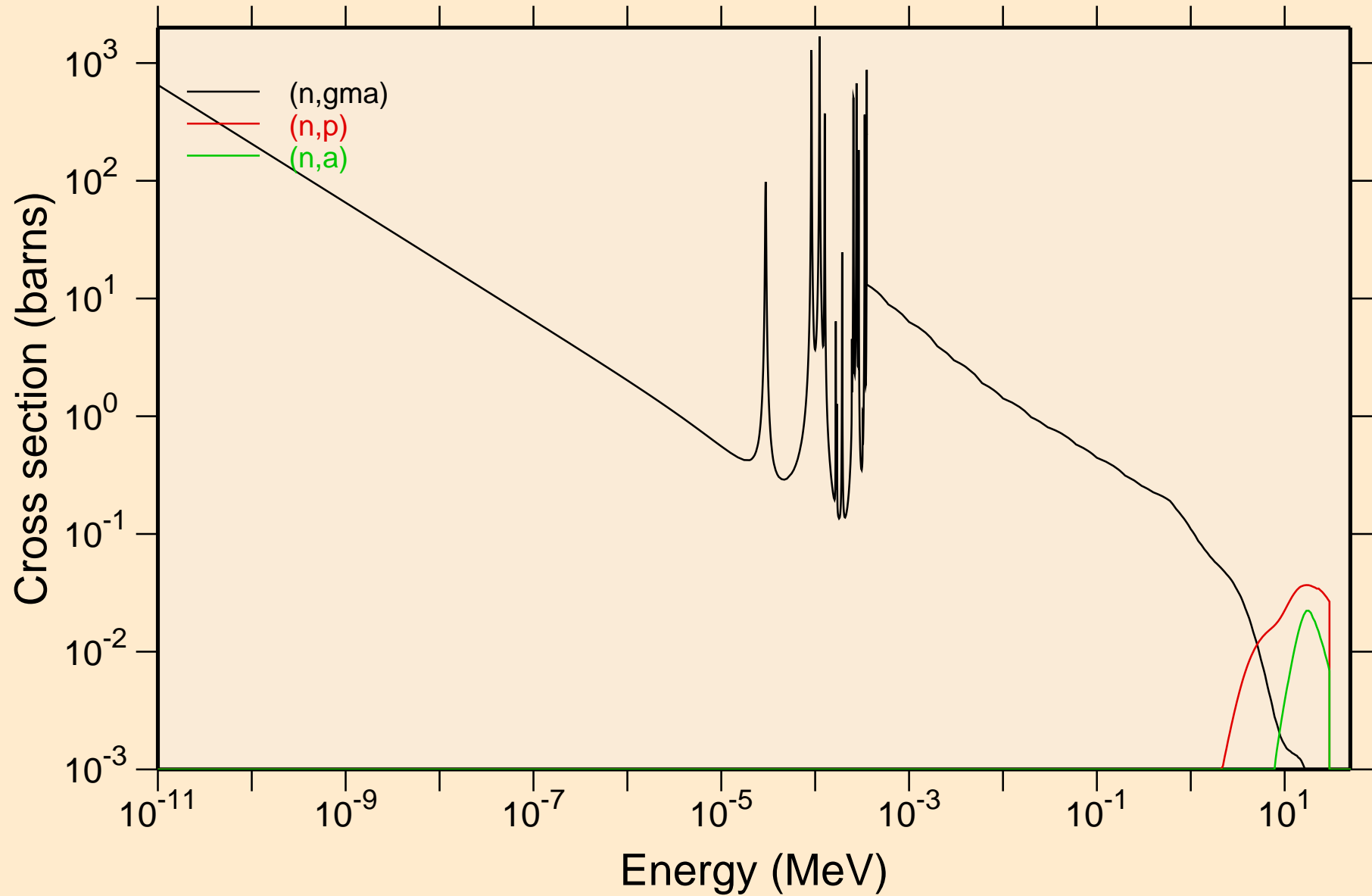


# BR079M NRG TENDL-2015, AKONING

## Principal cross sections

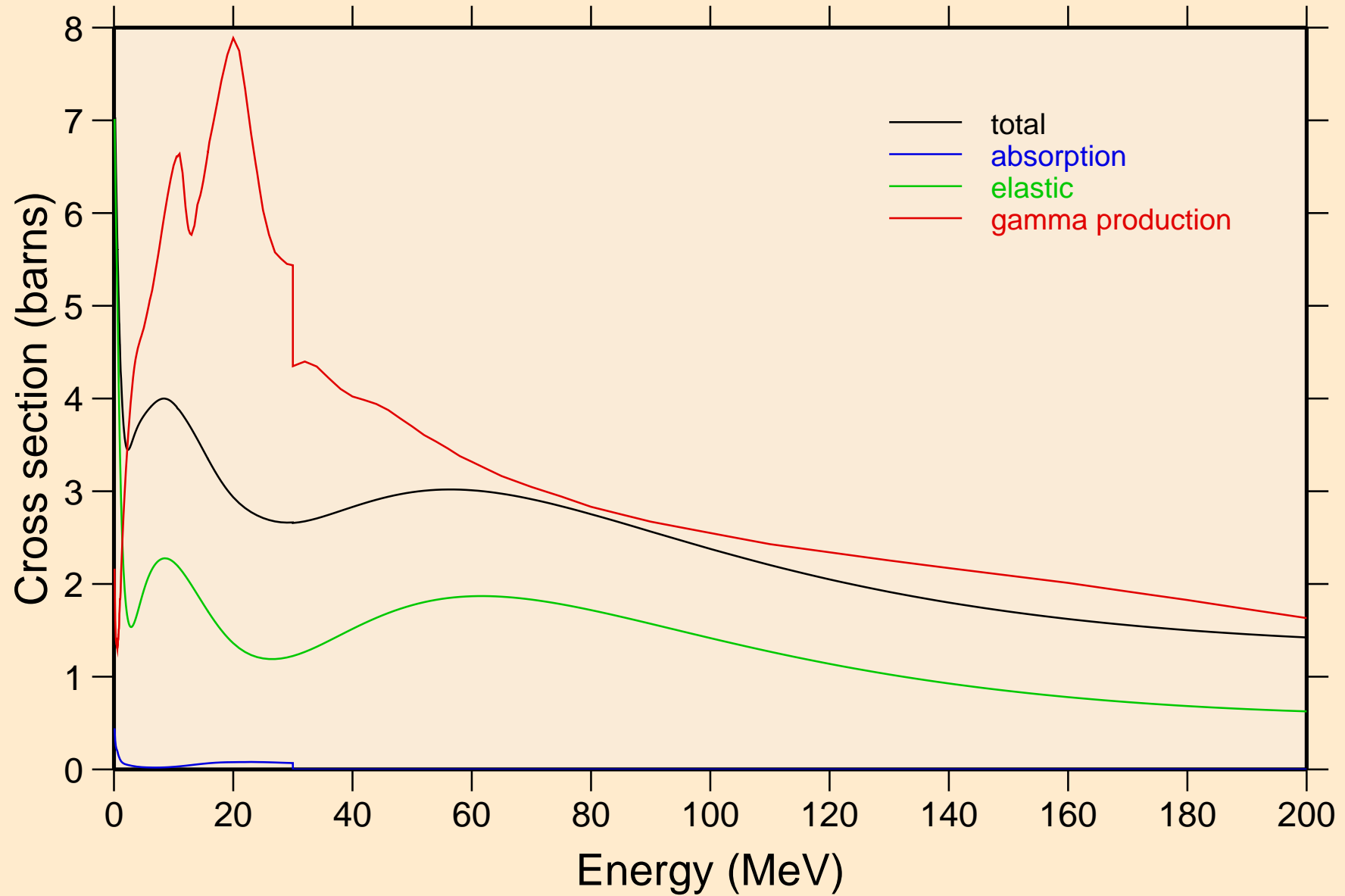


BR079M NRG TENDL-2015, AKONING  
Non-threshold reactions



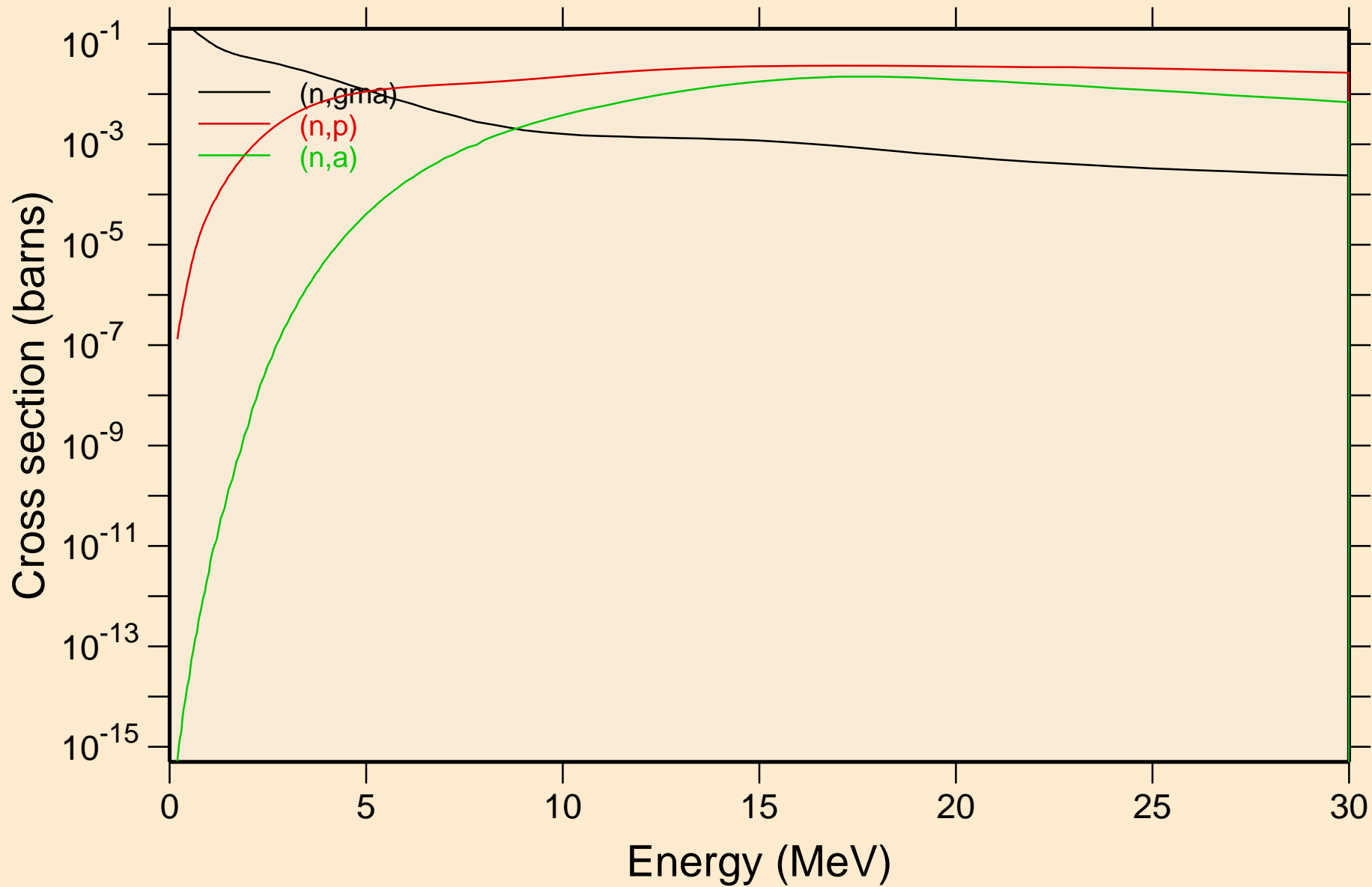
# BR079M NRG TENDL-2015, AKONING

## Principal cross sections

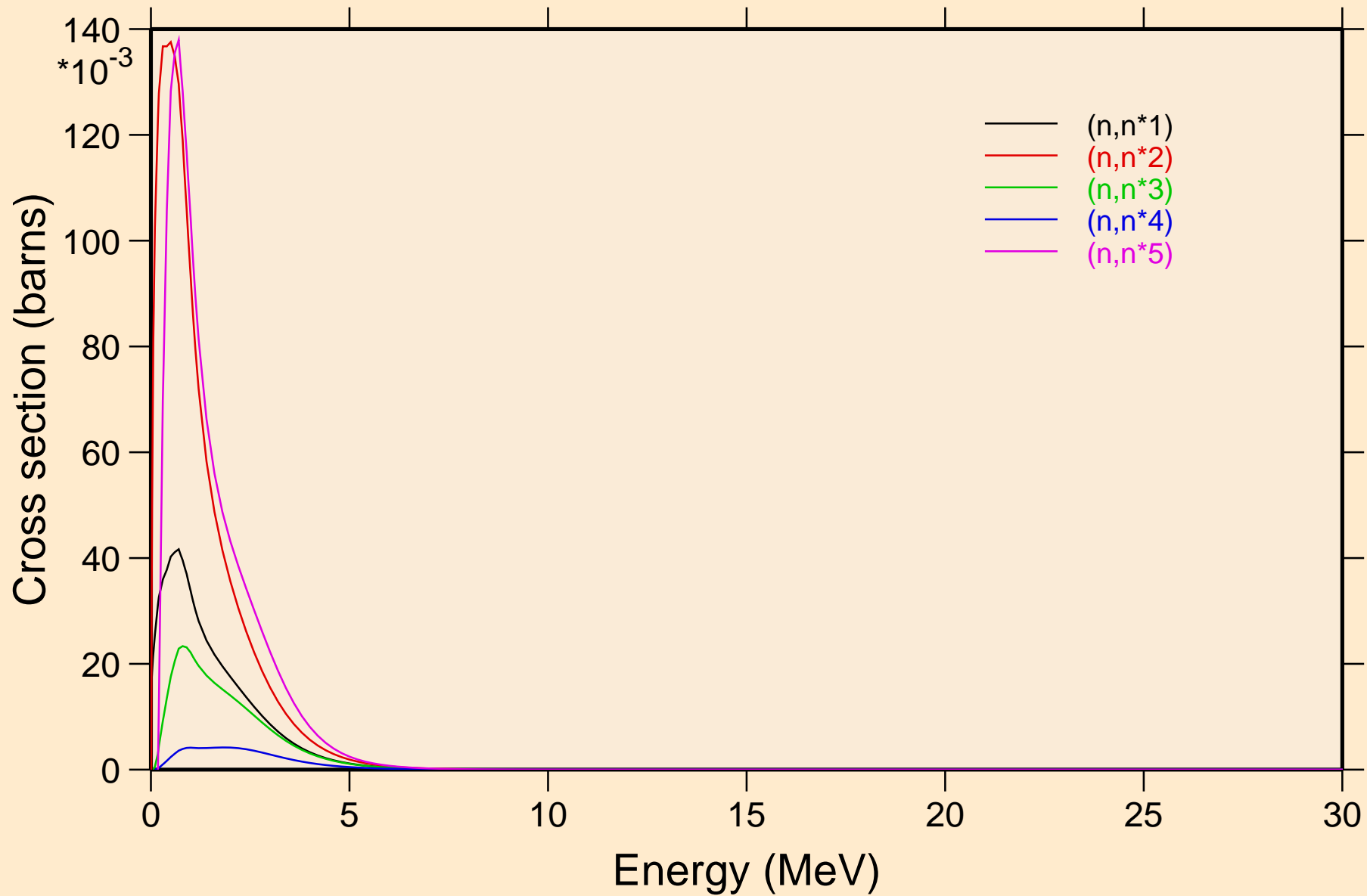


# BR079M NRG TENDL-2015, AKONING

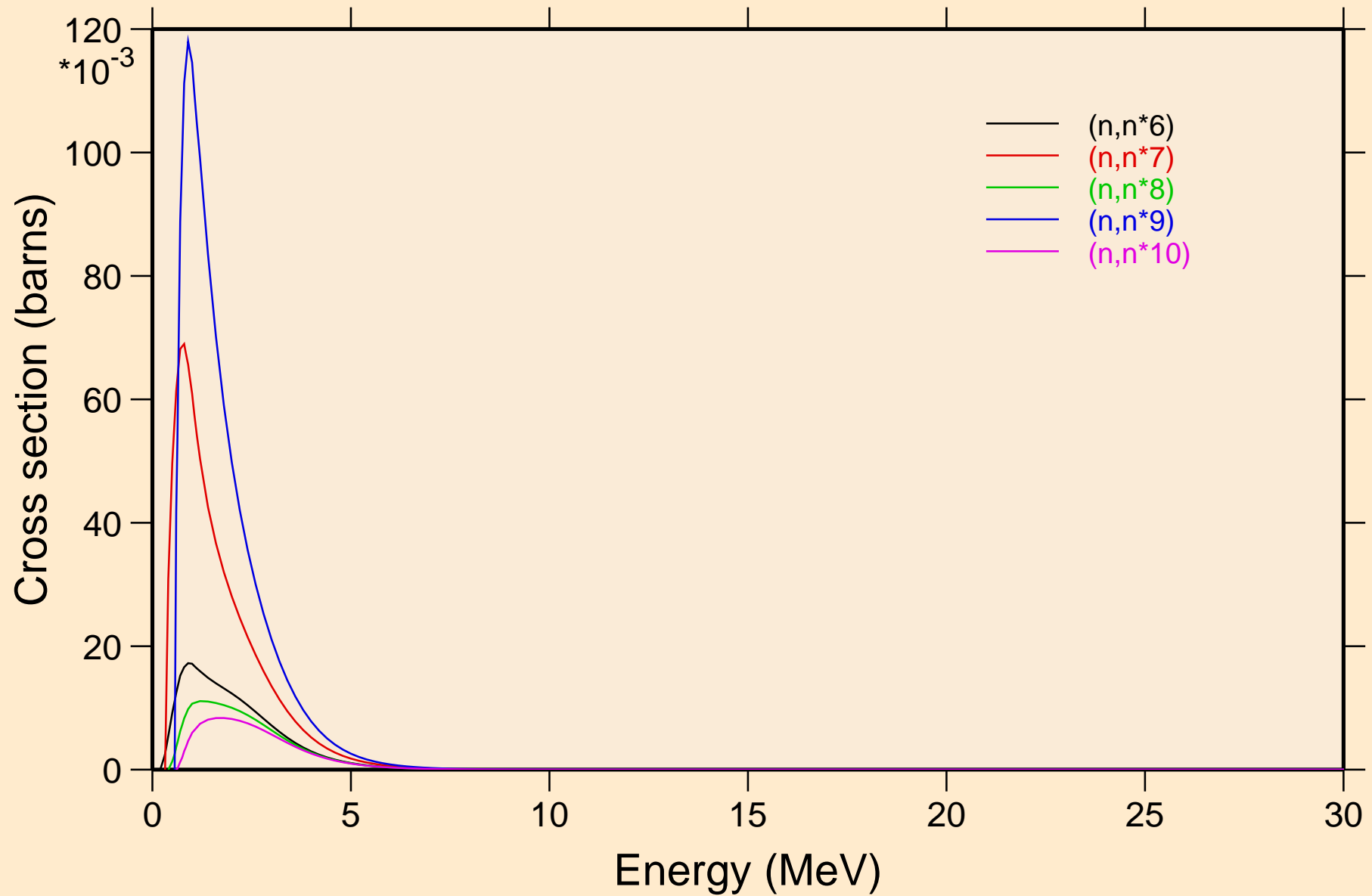
## Non-threshold reactions



BR079M NRG TENDL-2015, AKONING  
Inelastic levels

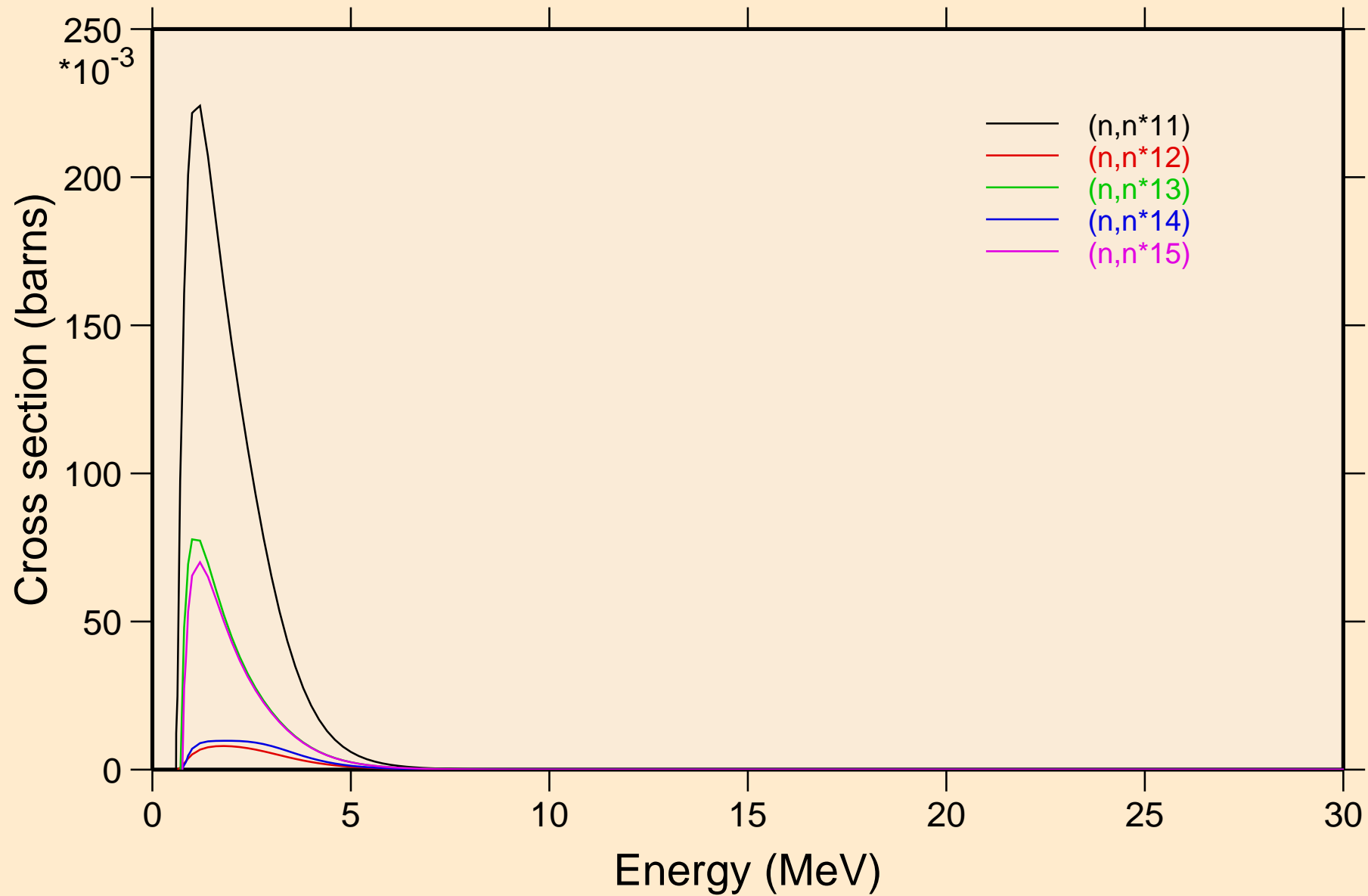


BR079M NRG TENDL-2015, AKONING  
Inelastic levels

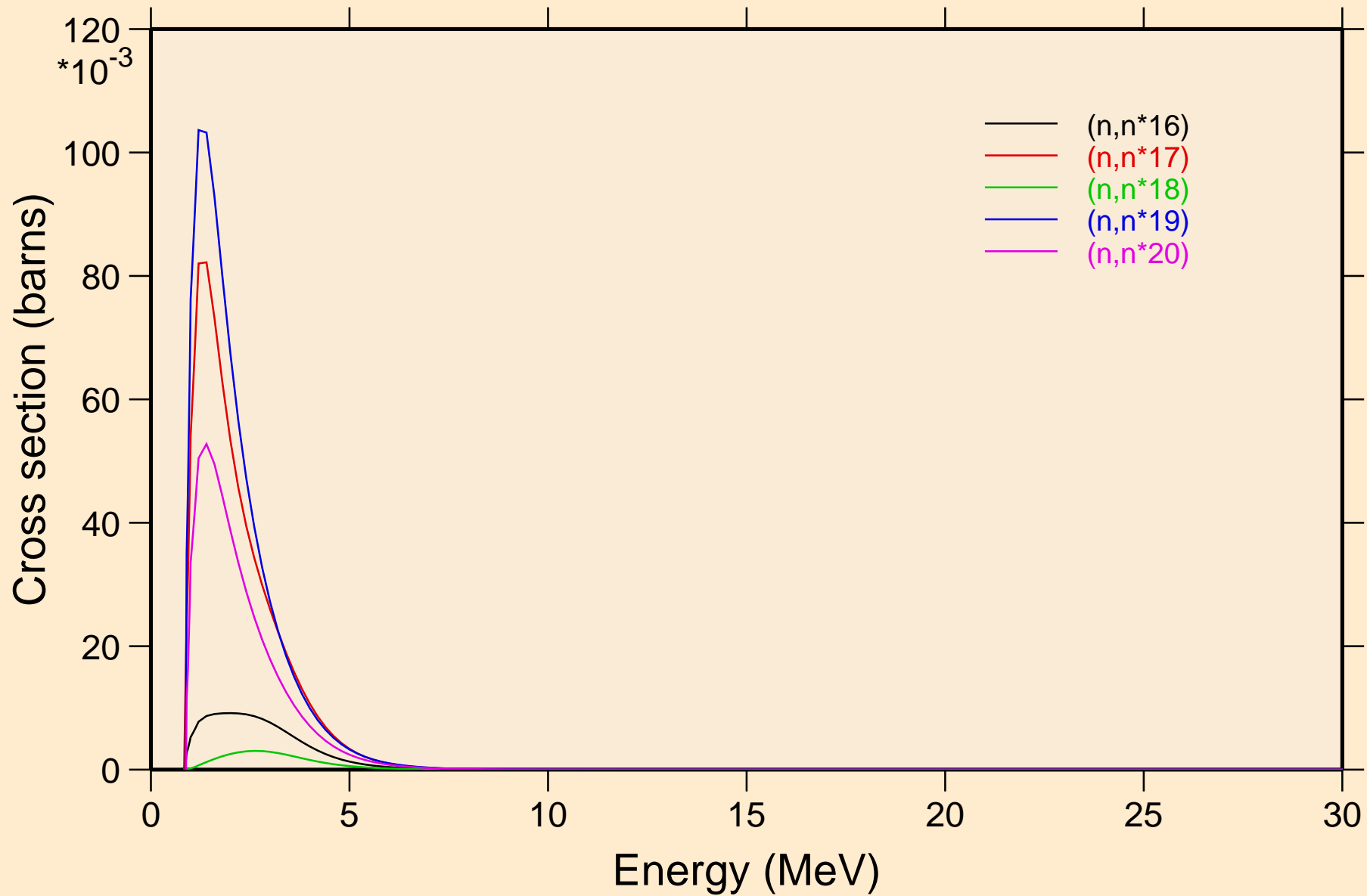


# BR079M NRG TENDL-2015, AKONING

## Inelastic levels



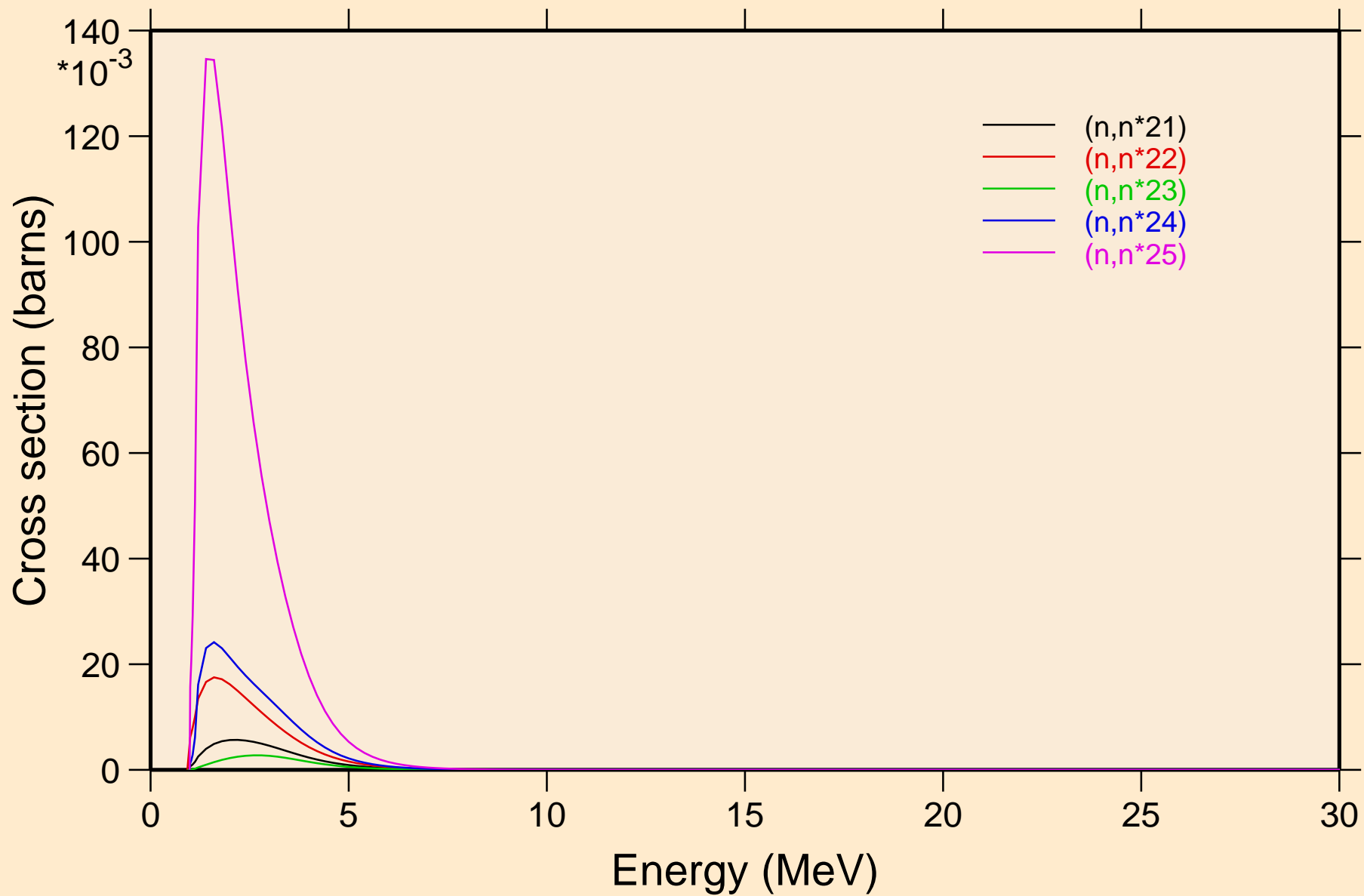
BR079M NRG TENDL-2015, AKONING  
Inelastic levels



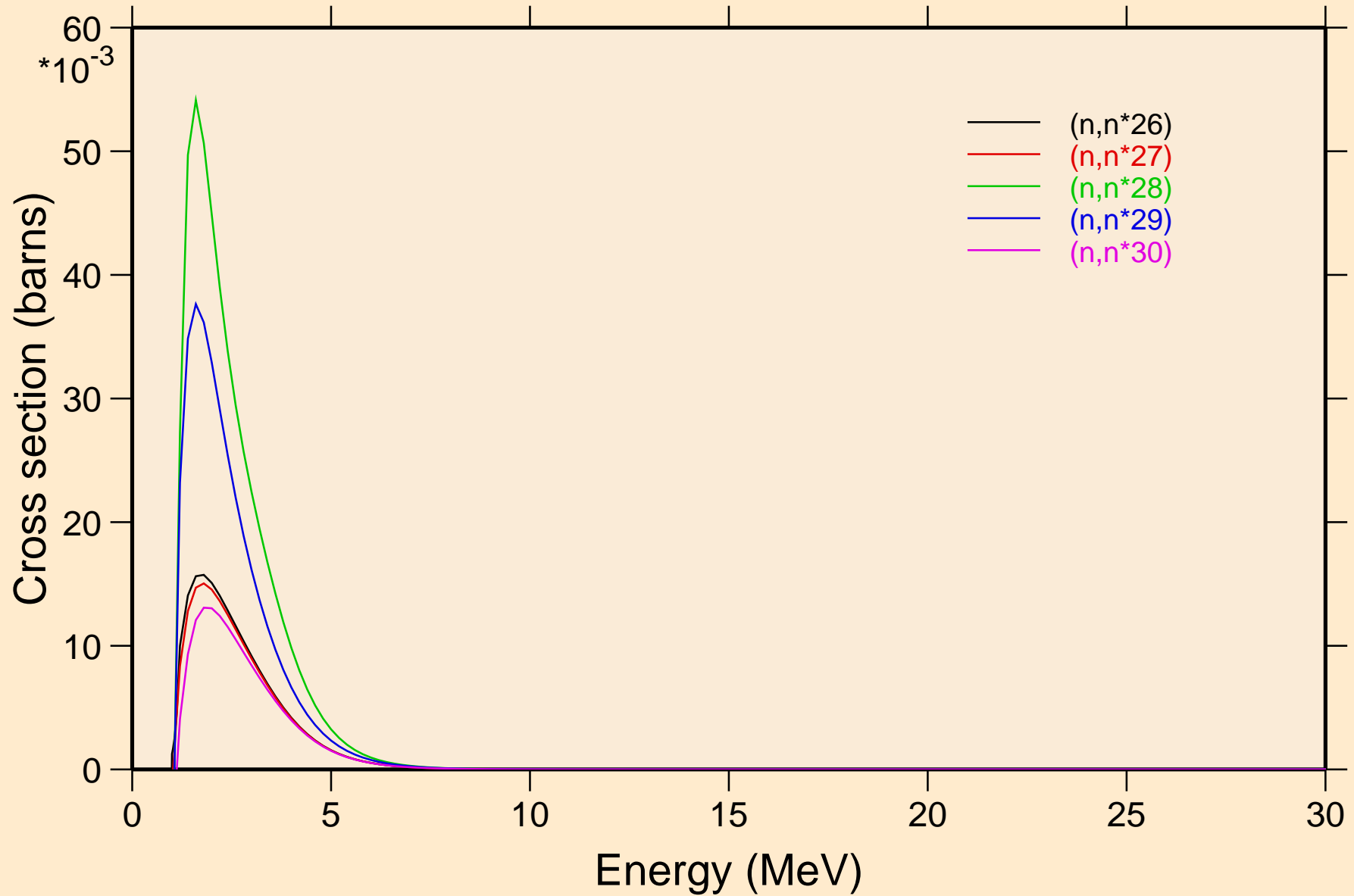


# BR079M NRG TENDL-2015, AKONING

## Inelastic levels

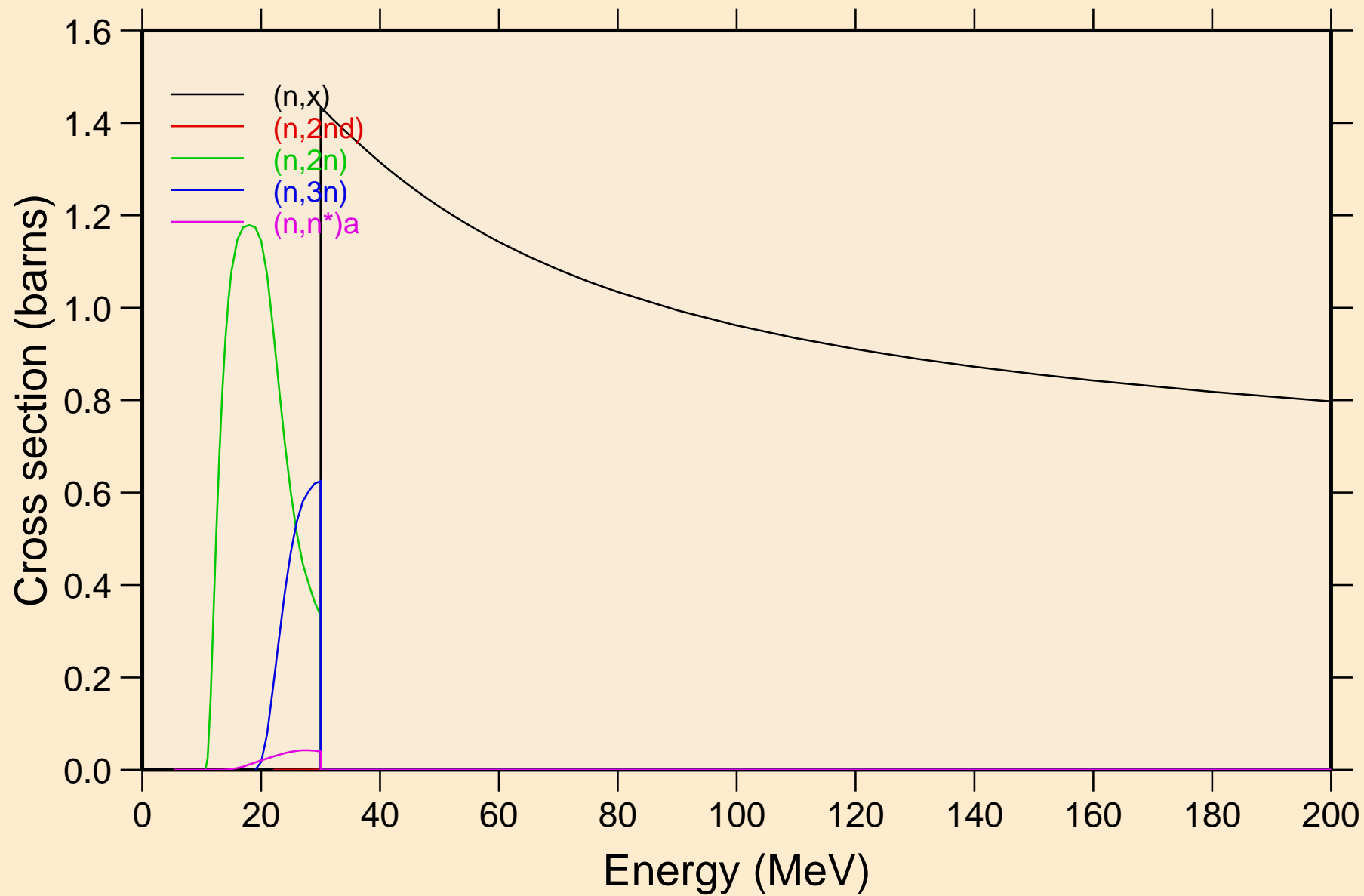


BR079M NRG TENDL-2015, AKONING  
Inelastic levels



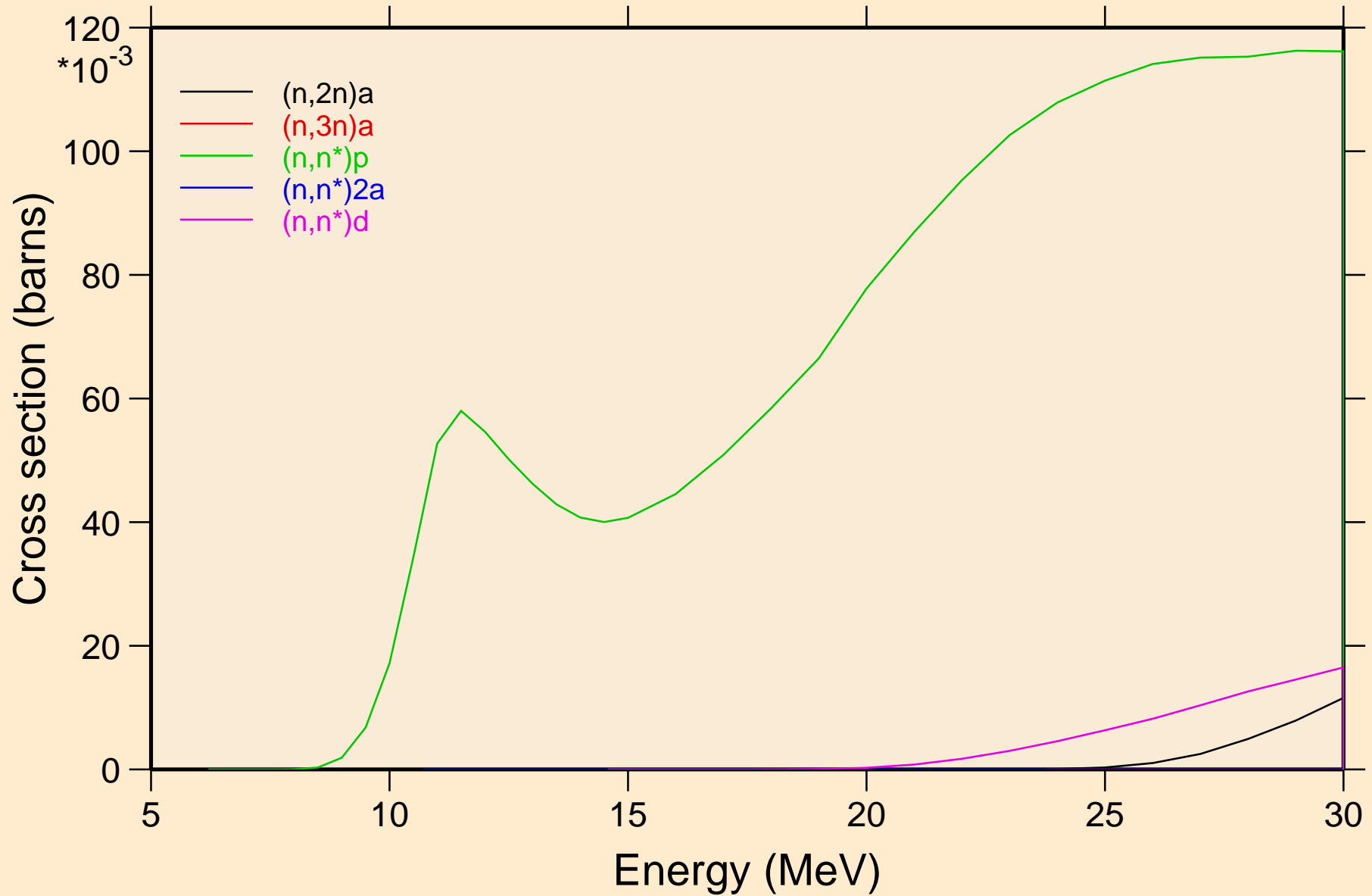
# BR079M NRG TENDL-2015, AKONING

## Threshold reactions



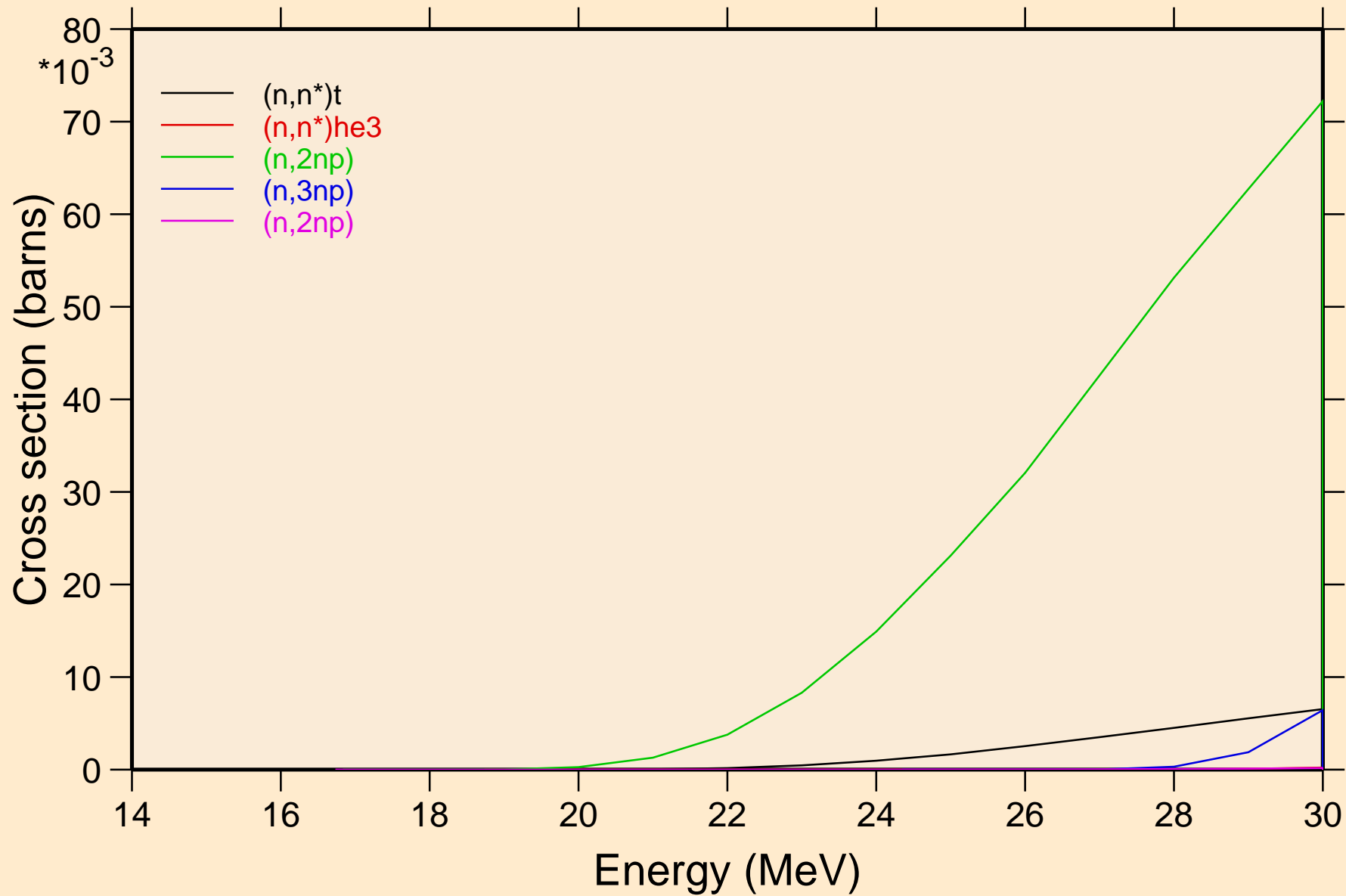
# BR079M NRG TENDL-2015, AKONING

## Threshold reactions



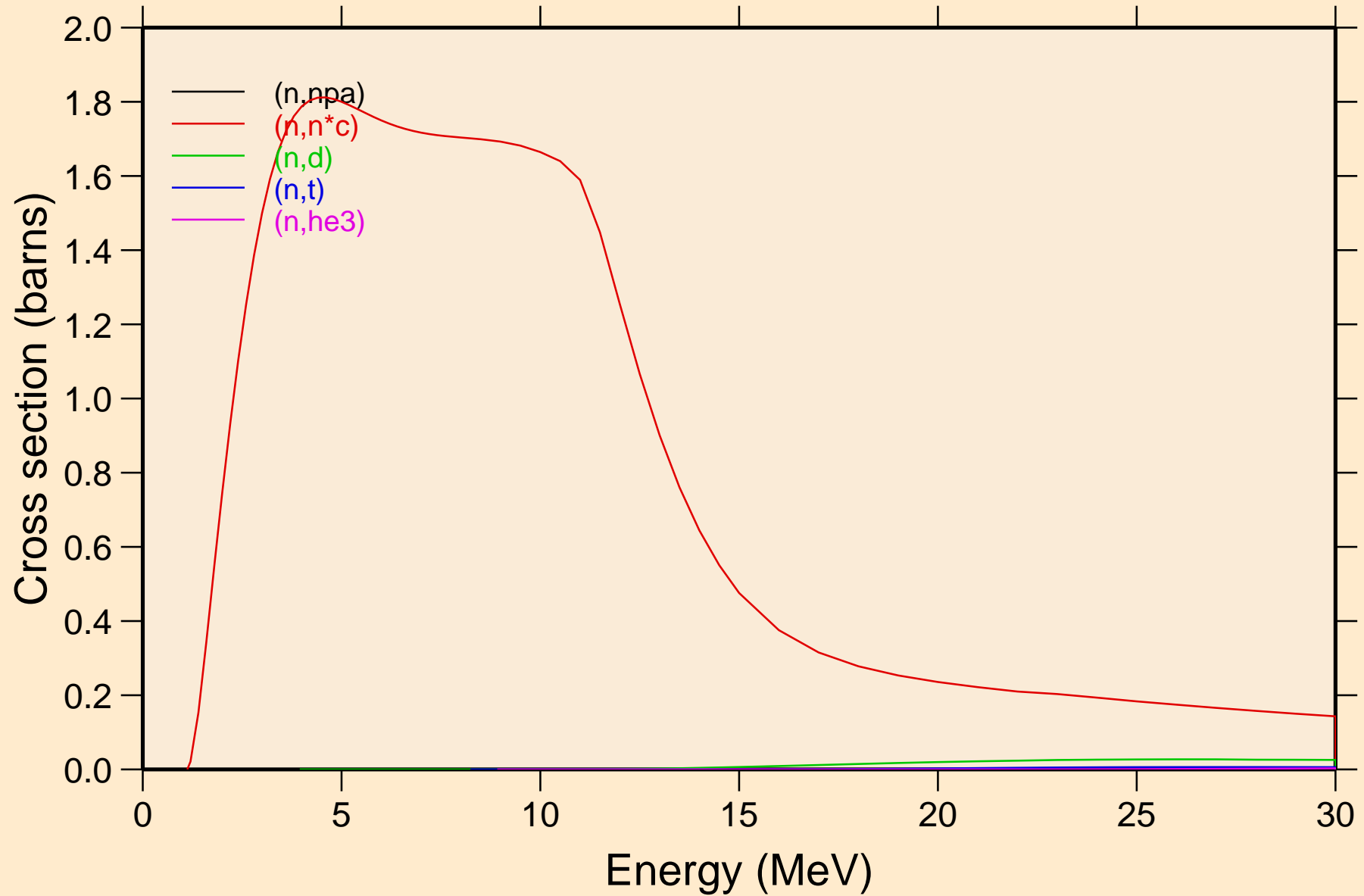
# BR079M NRG TENDL-2015, AKONING

## Threshold reactions



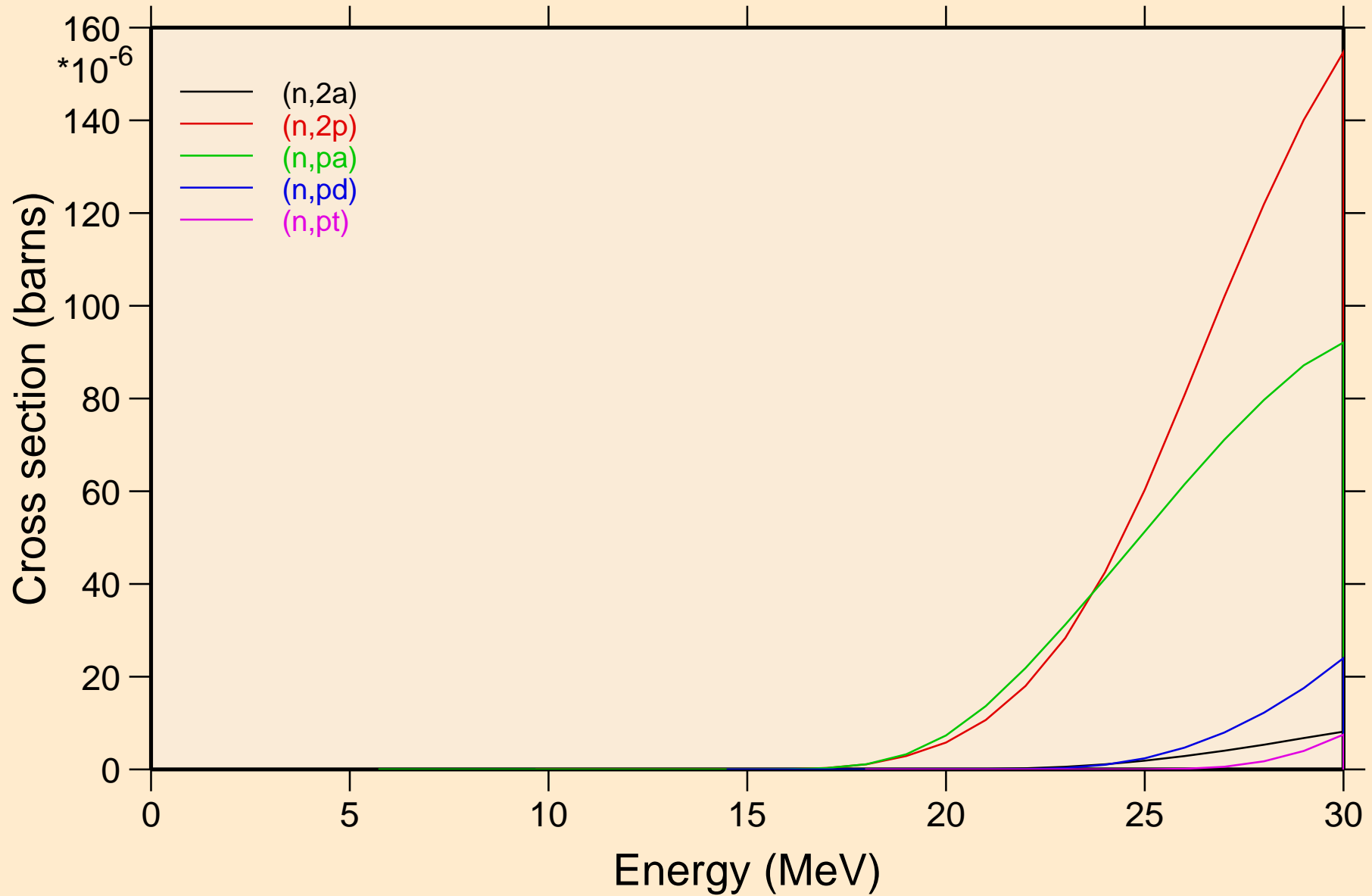
# BR079M NRG TENDL-2015, AKONING

## Threshold reactions

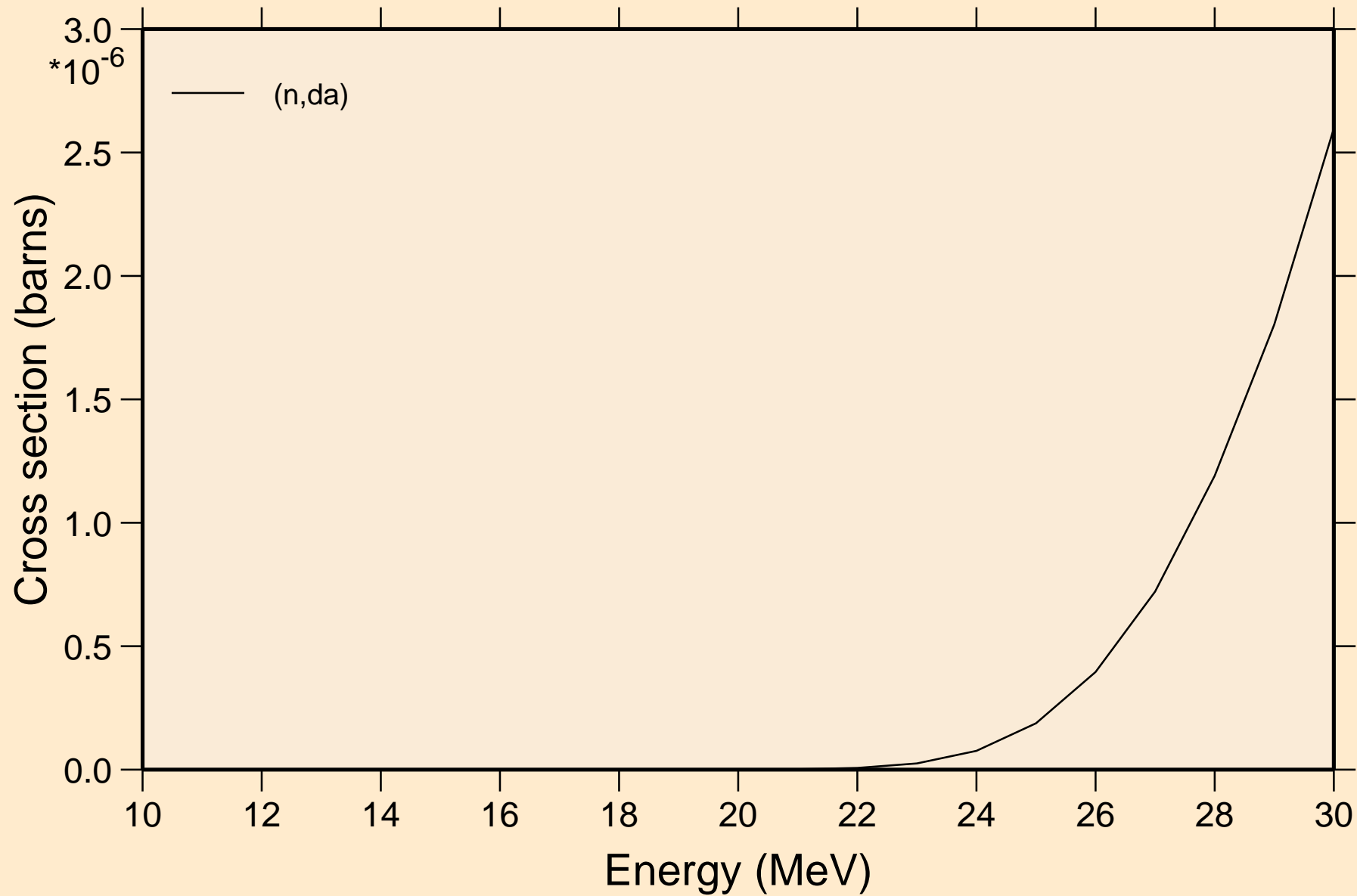


# BR079M NRG TENDL-2015, AKONING

## Threshold reactions

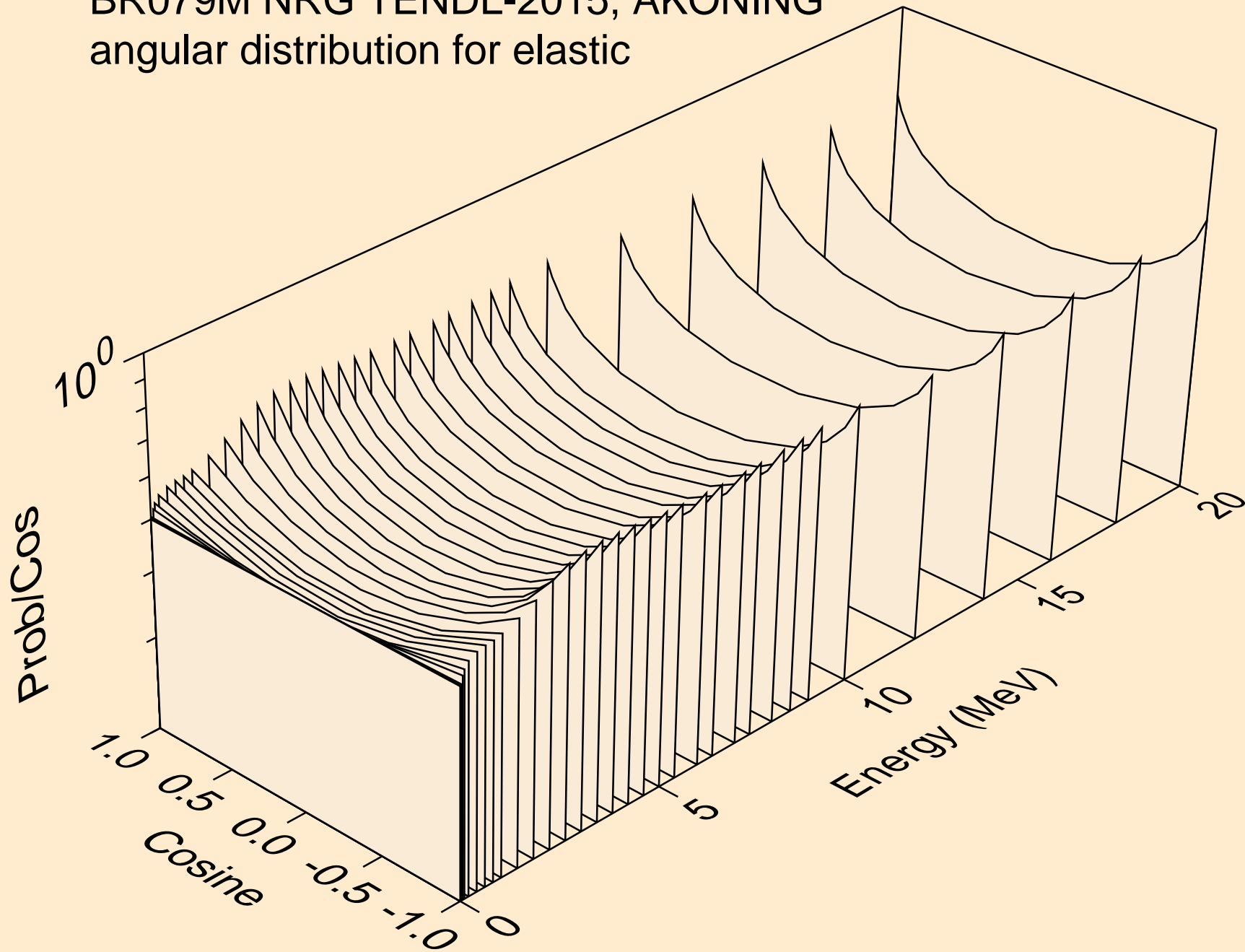


BR079M NRG TENDL-2015, AKONING  
Threshold reactions

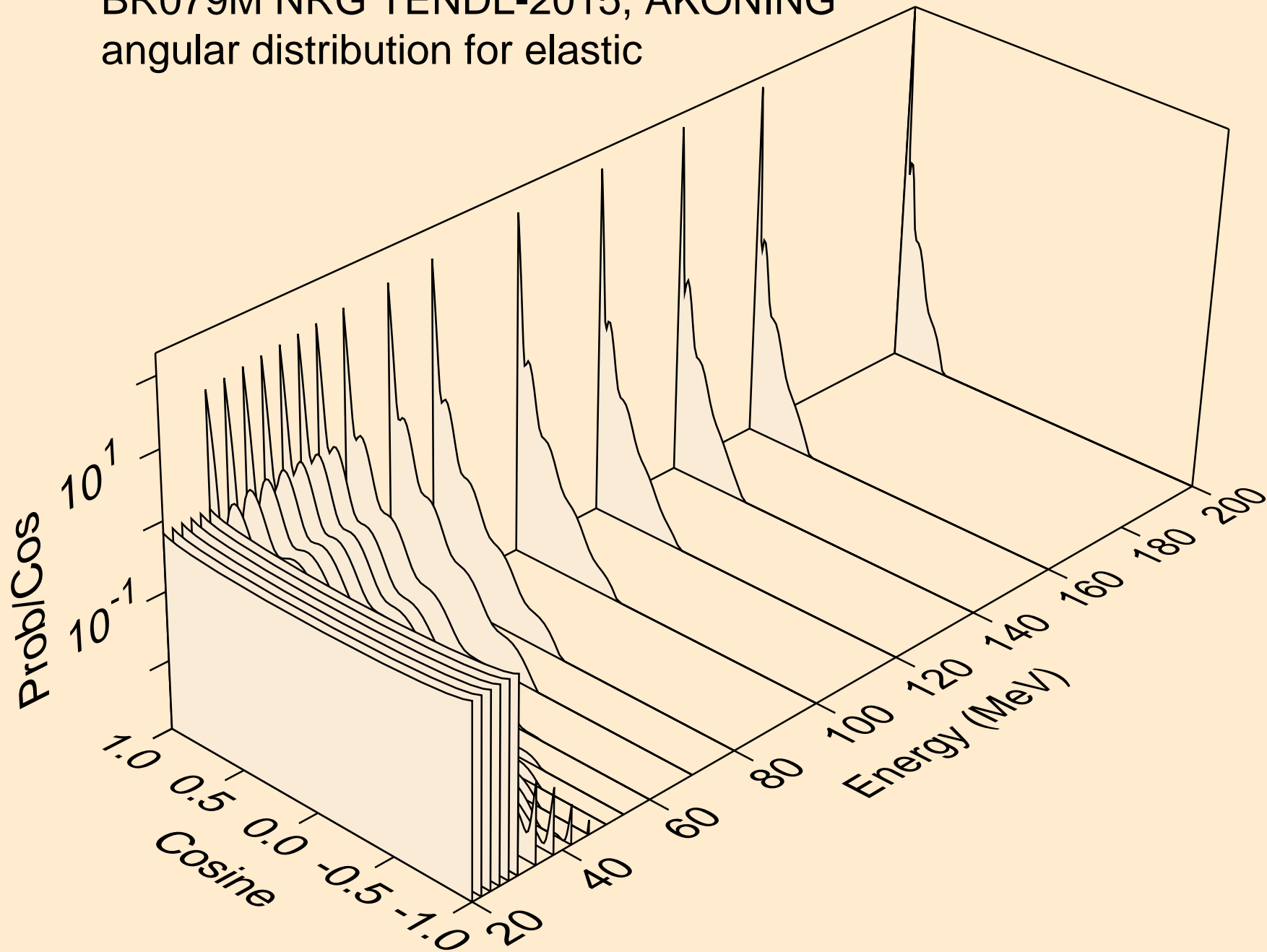




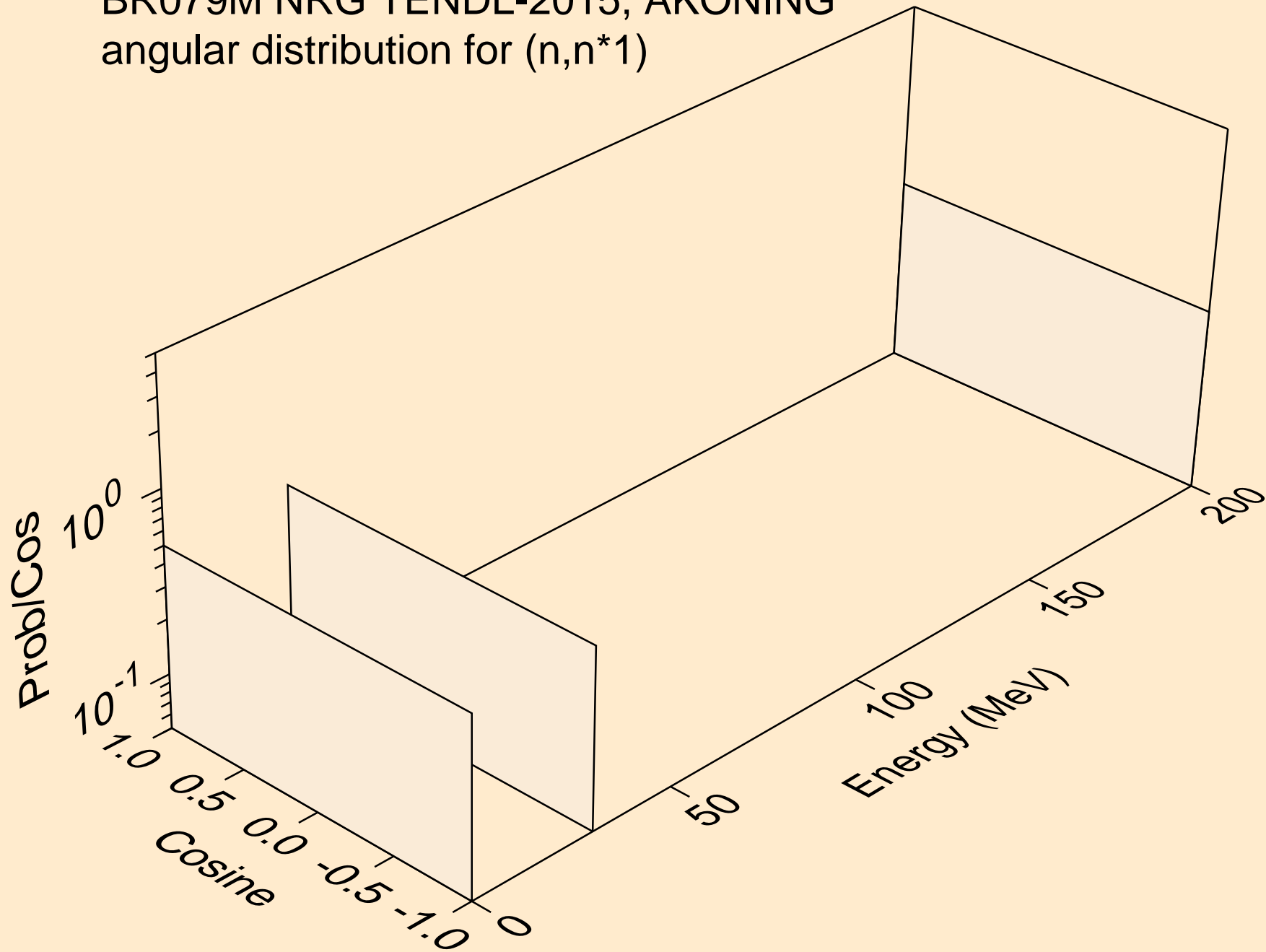
BR079M NRG TENDL-2015, AKONING  
angular distribution for elastic



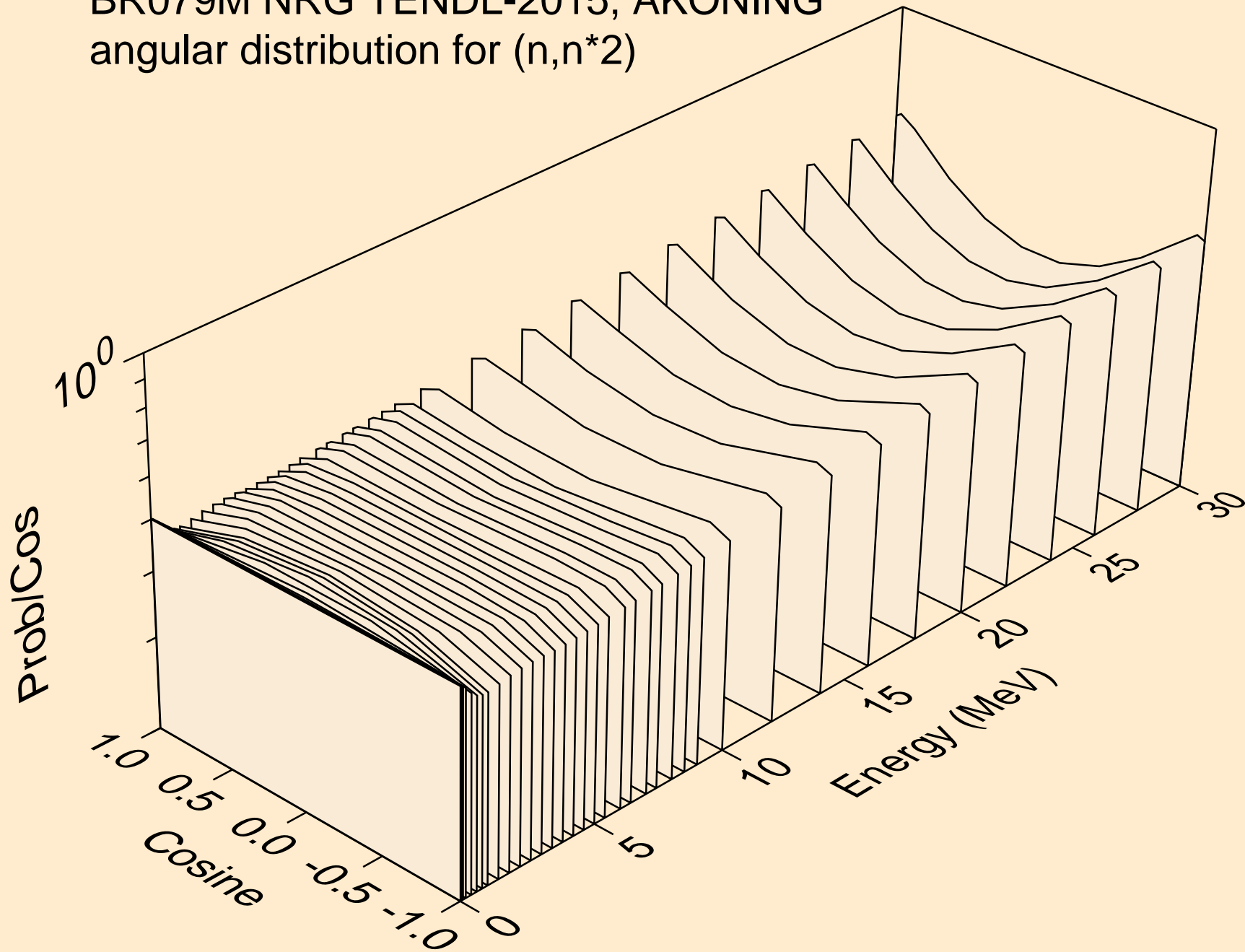
BR079M NRG TENDL-2015, AKONING  
angular distribution for elastic



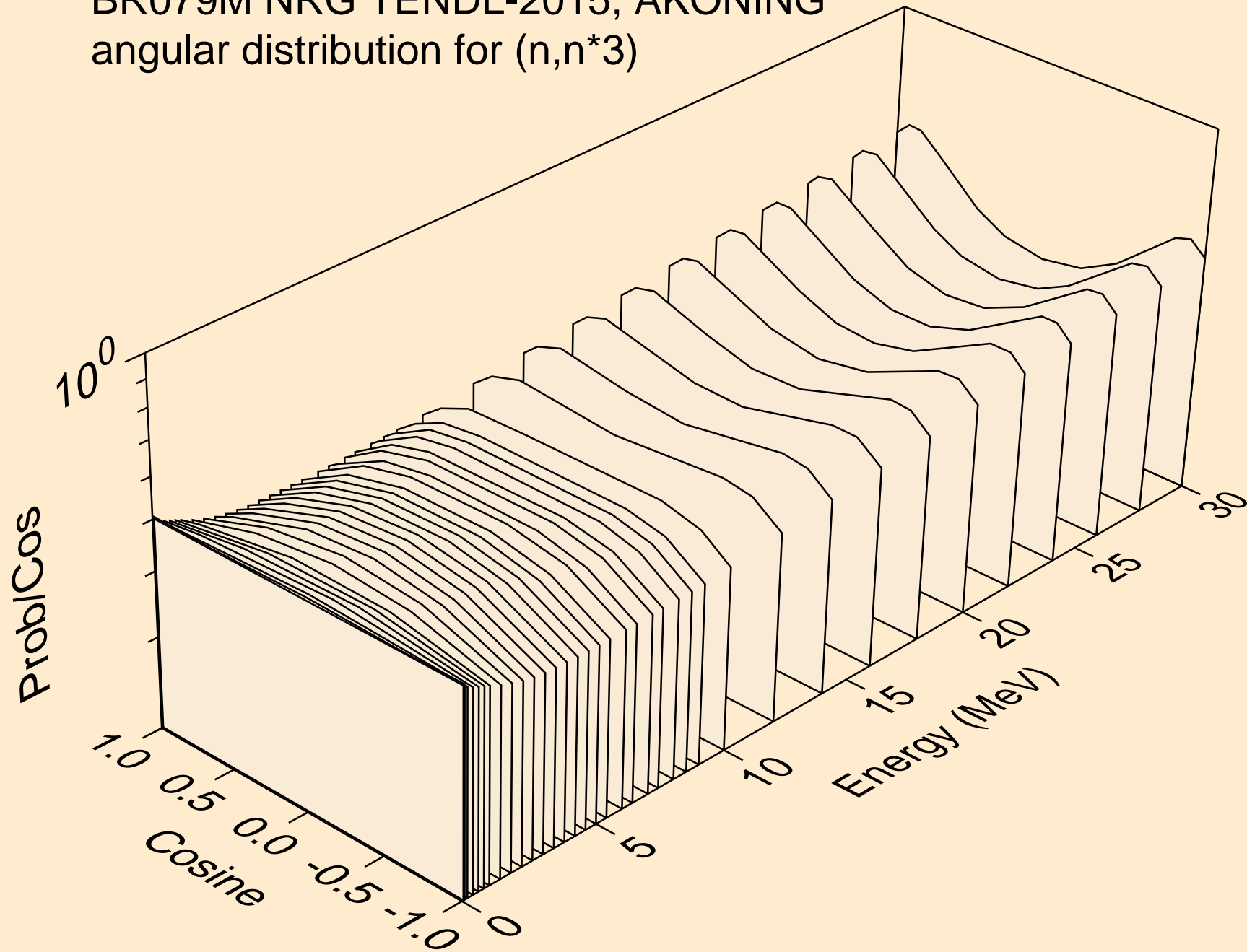
BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



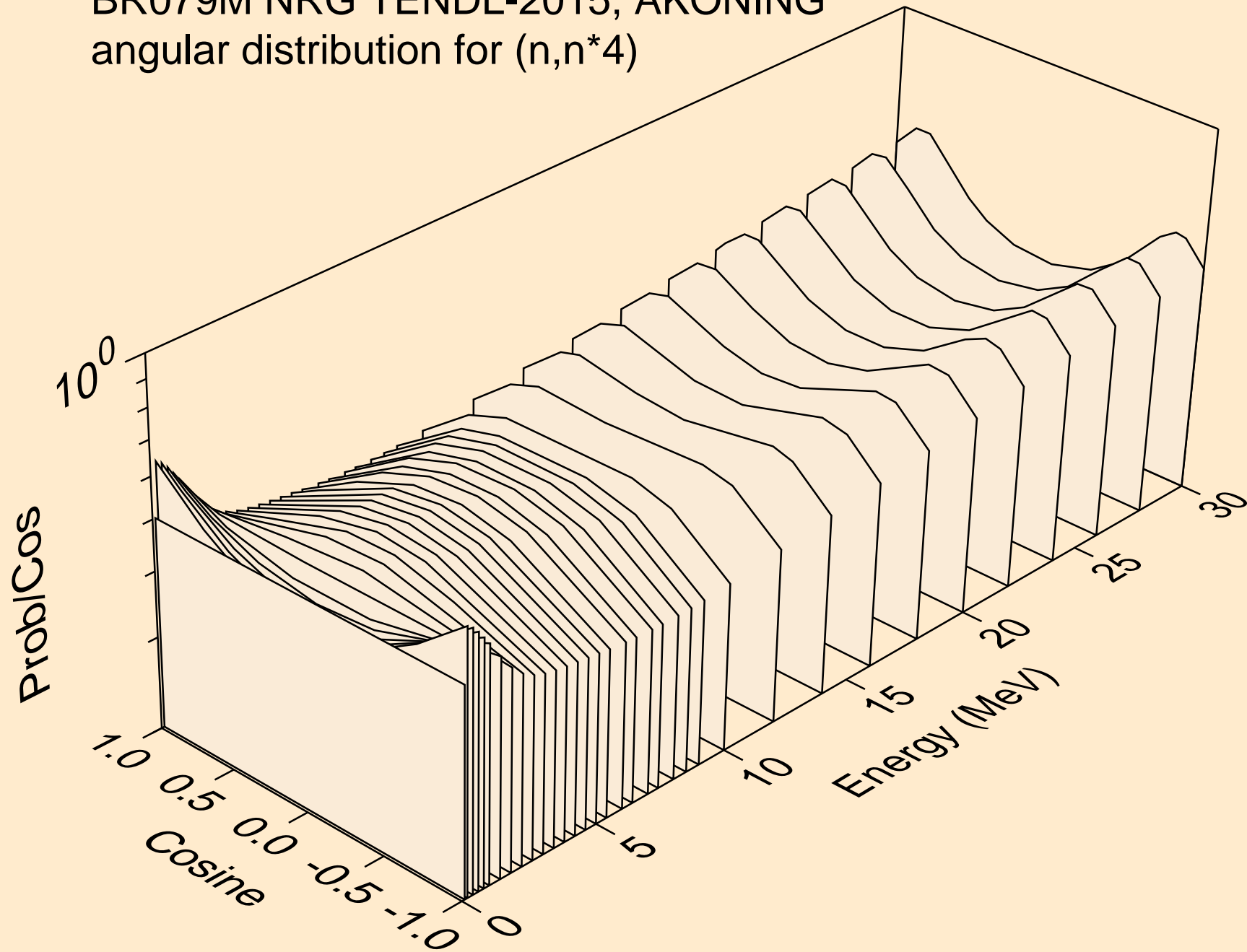
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angular distribution for (n,n\*2)



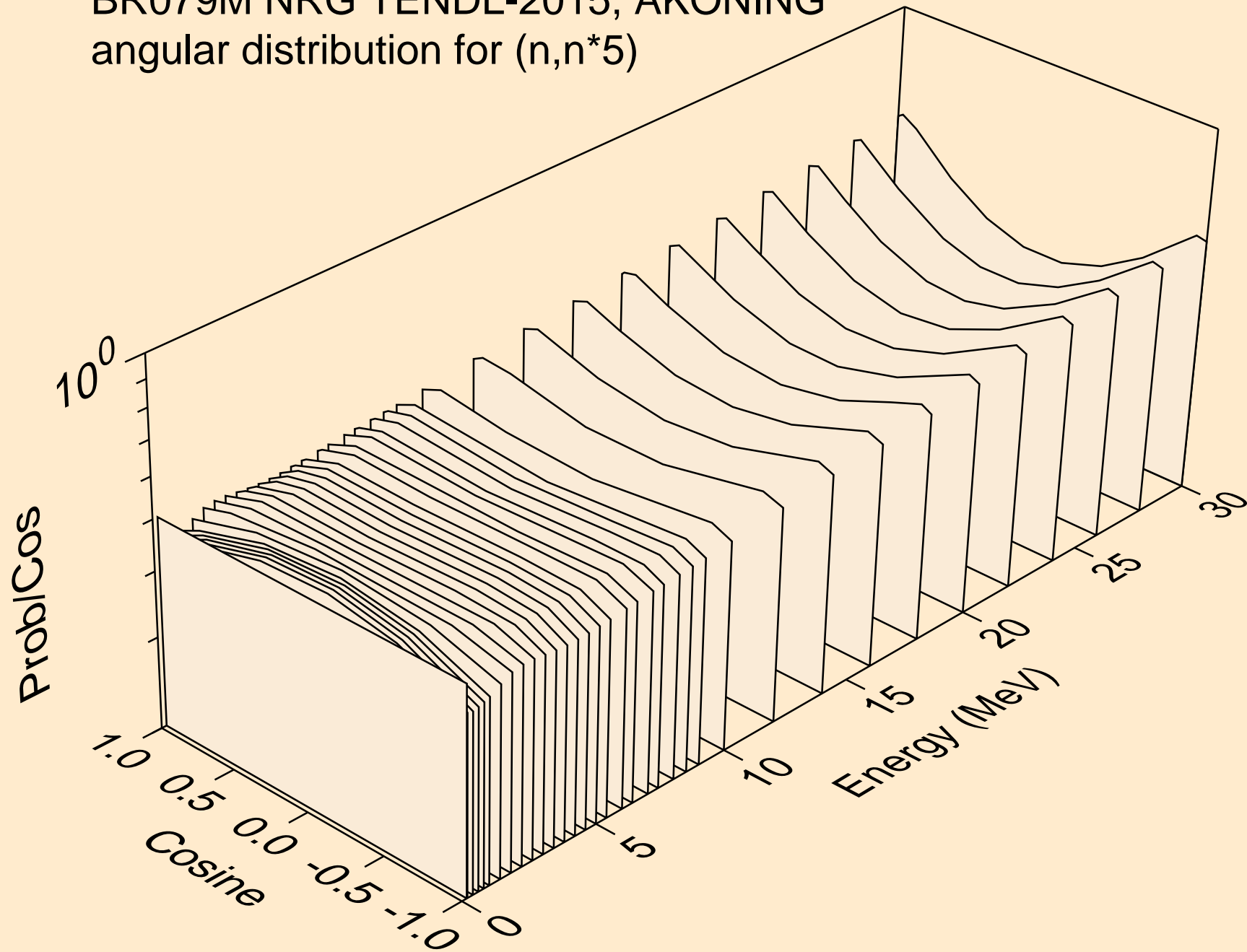
BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



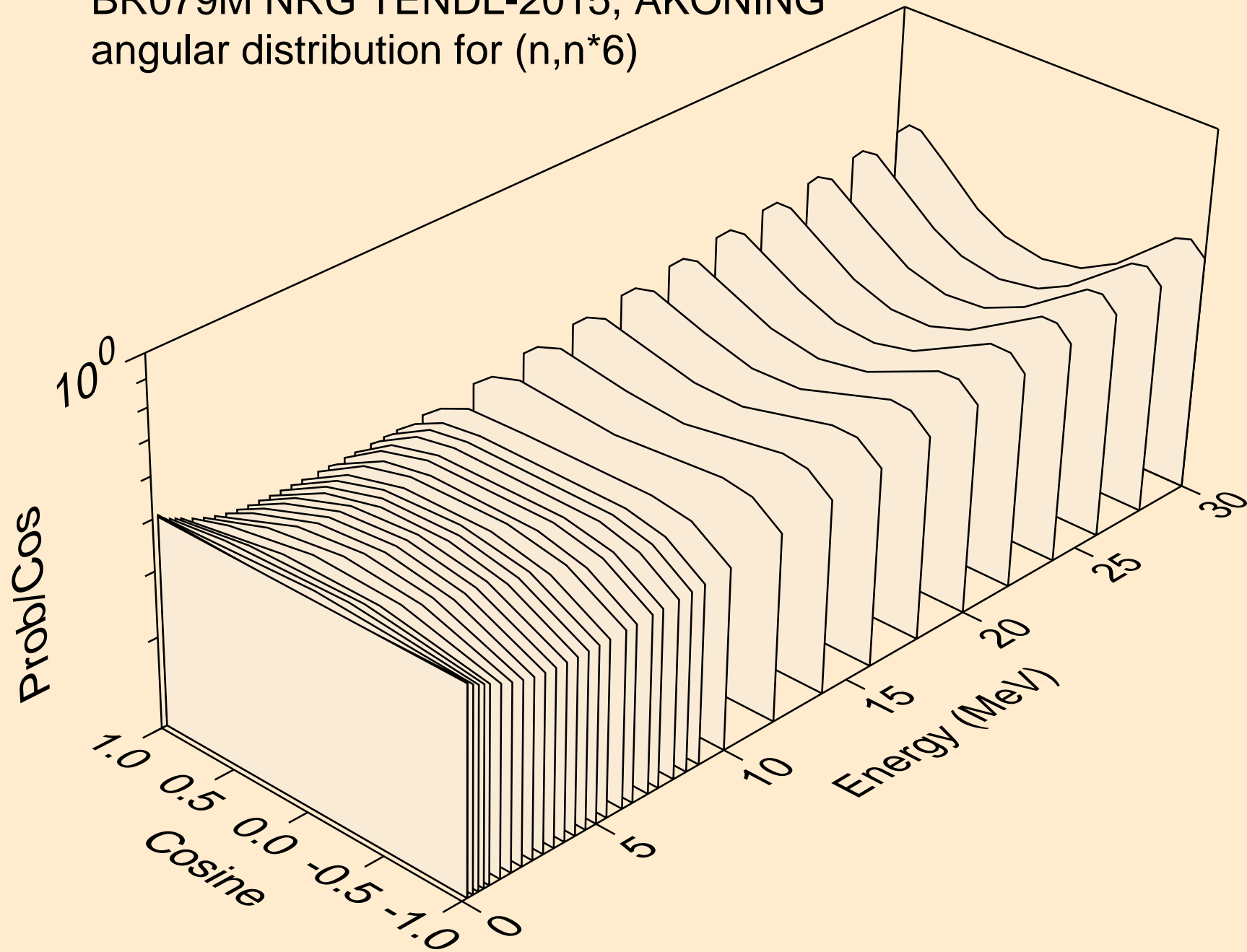
BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

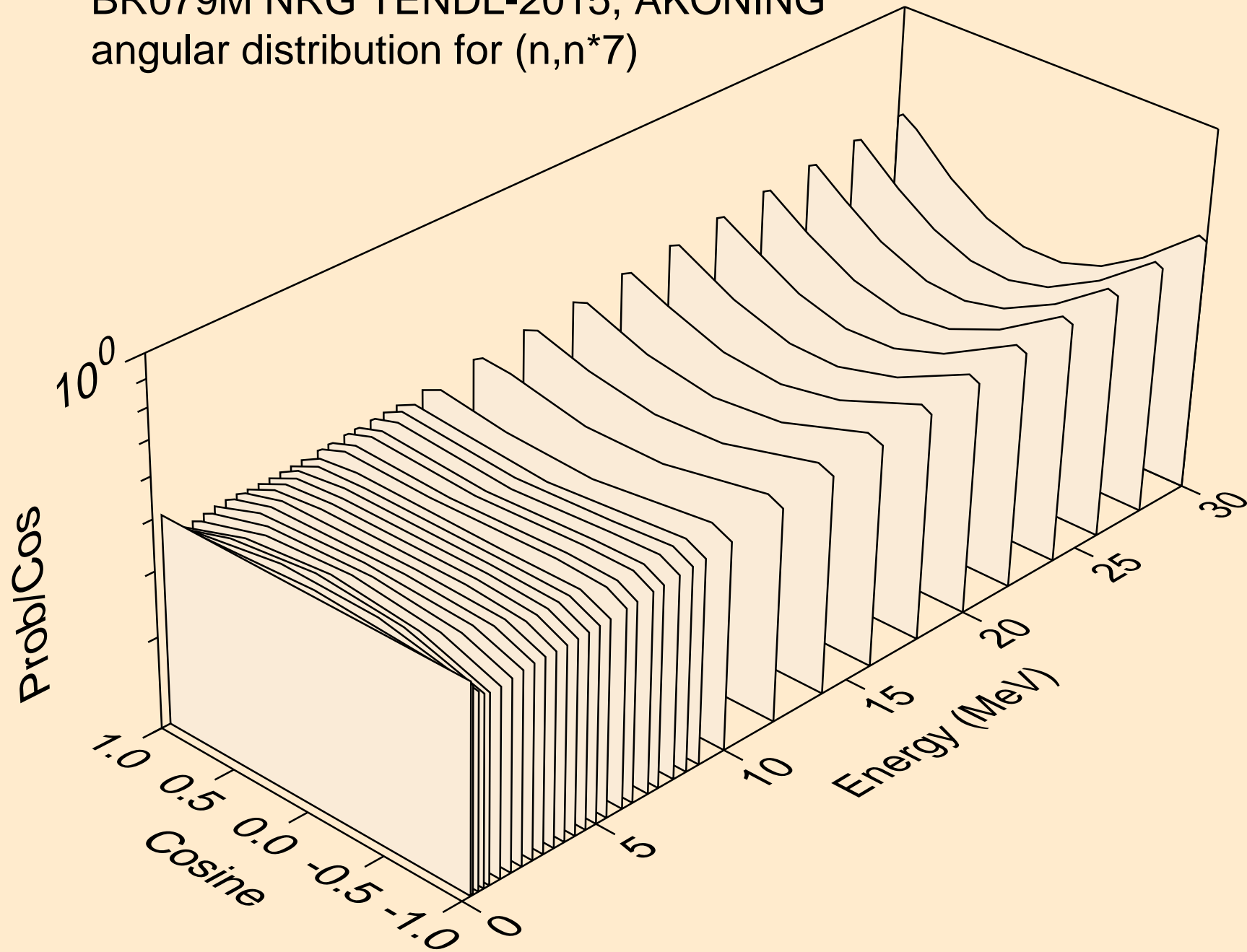


BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

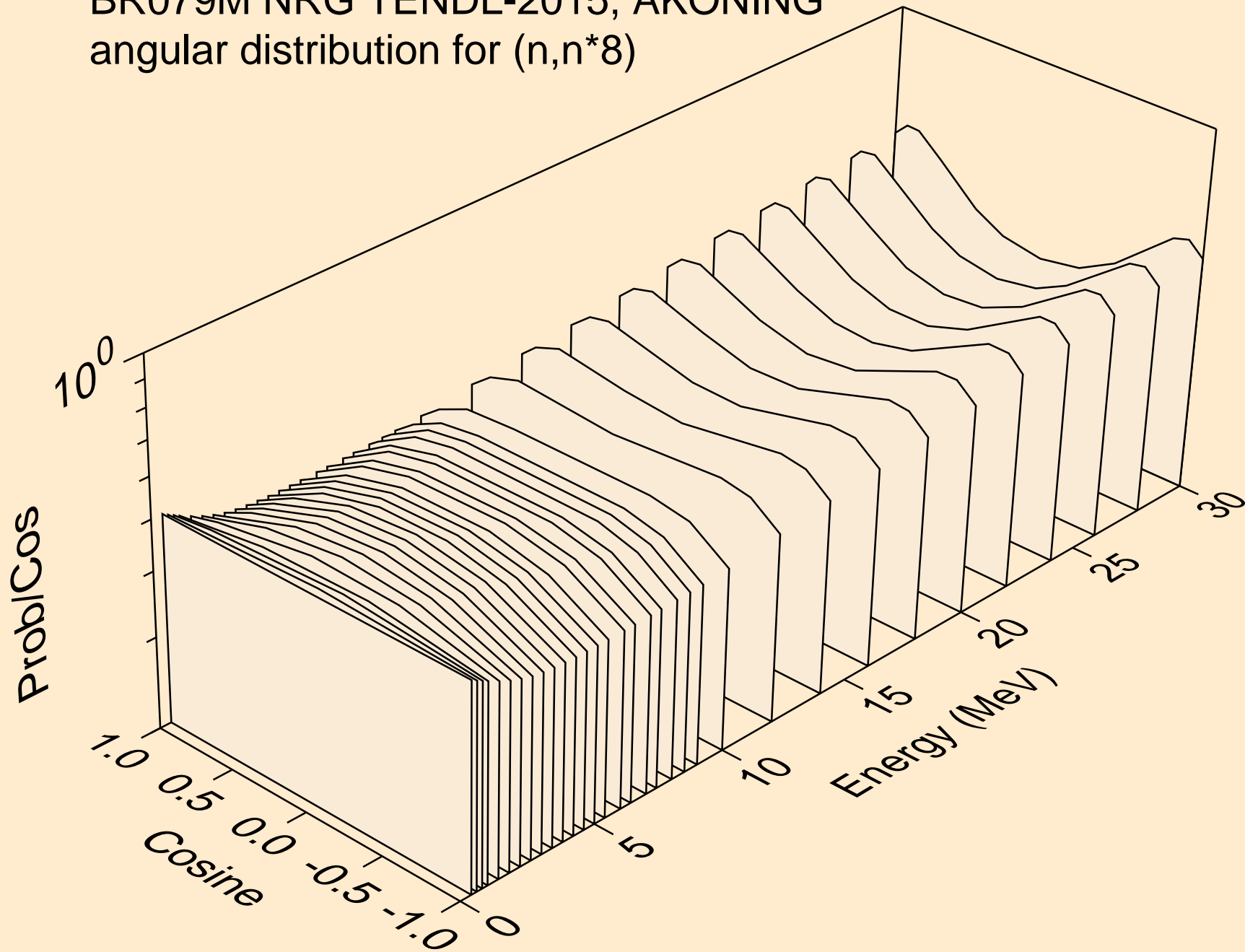




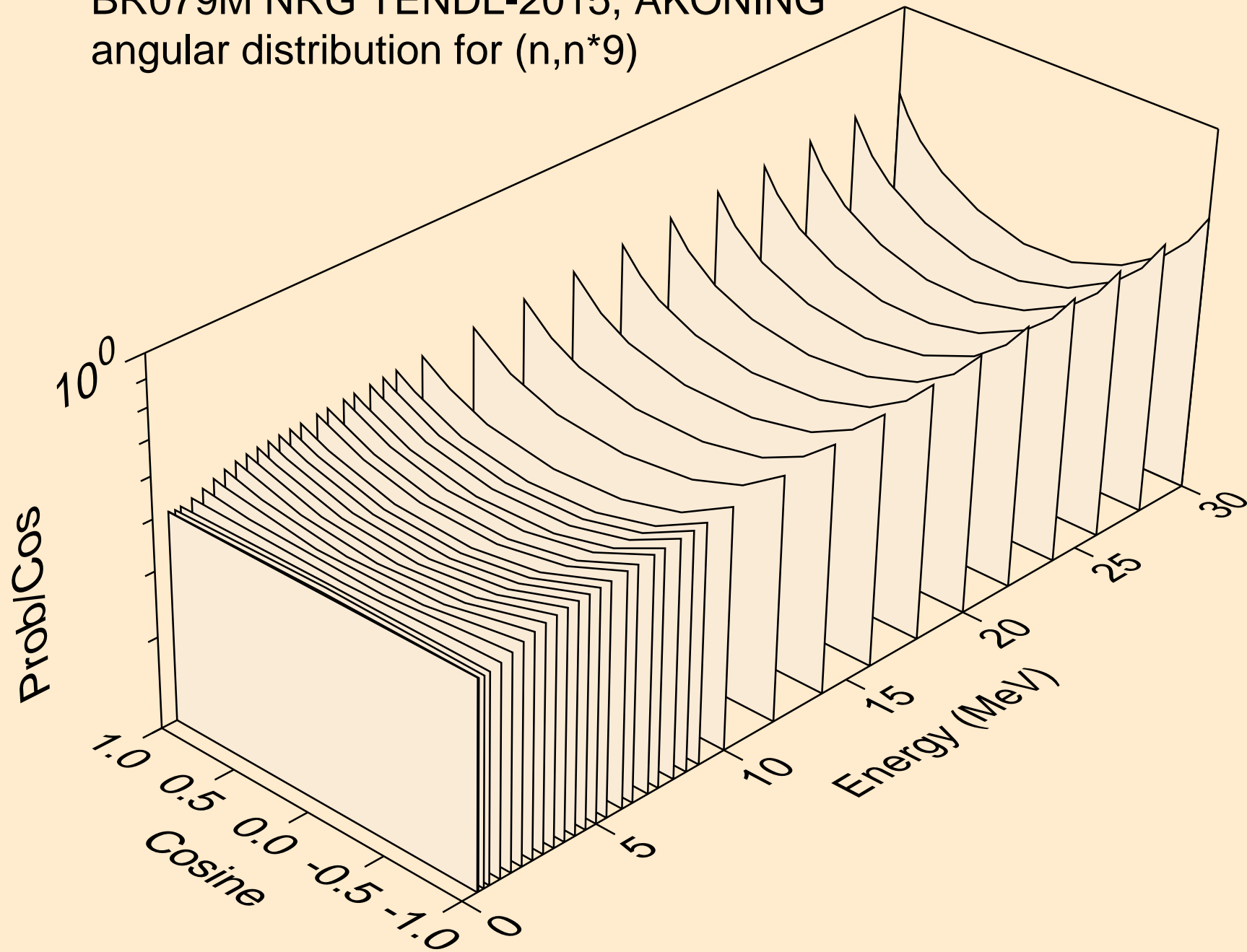
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angular distribution for (n,n\*7)



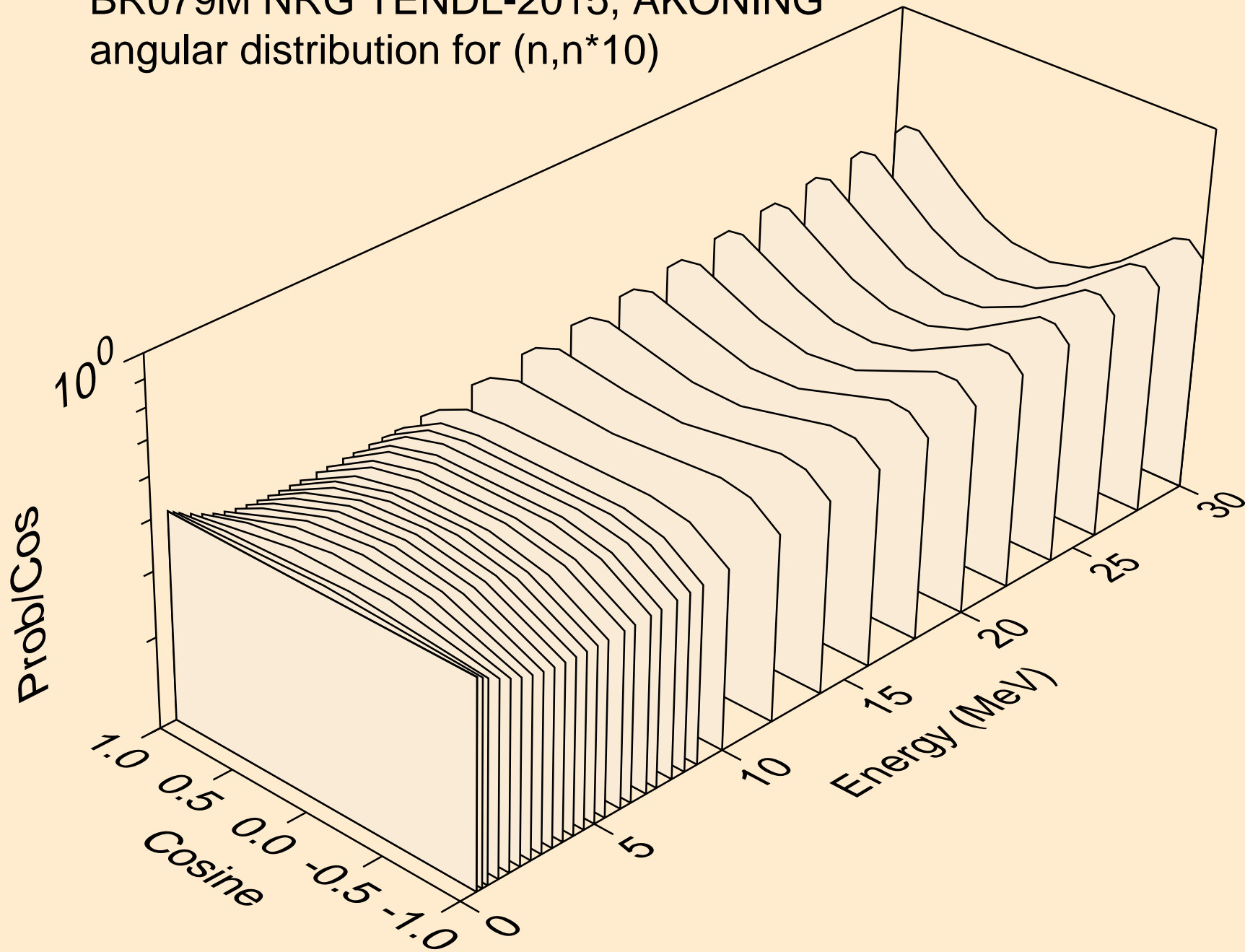
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angular distribution for (n,n\*8)



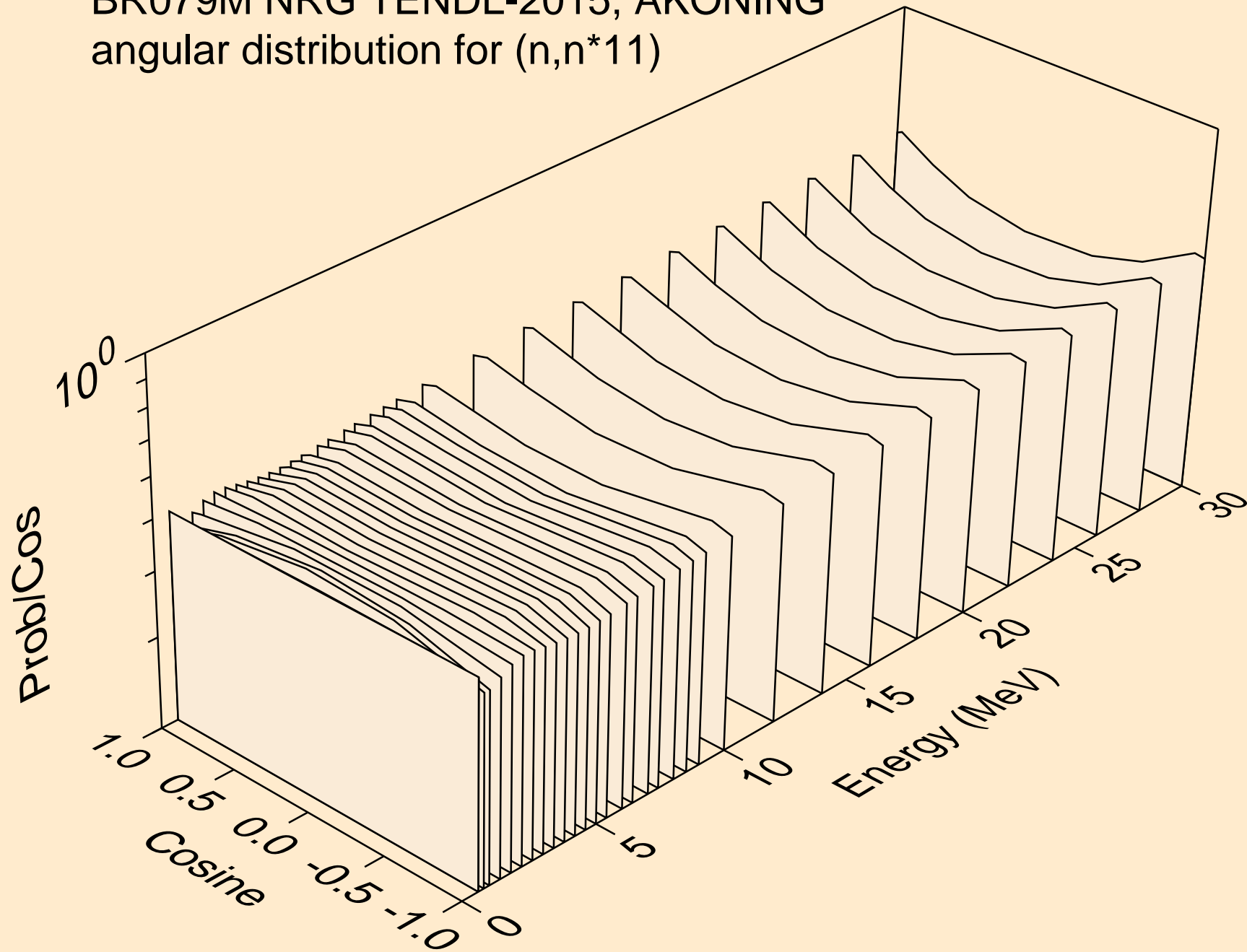
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angular distribution for (n,n\*9)



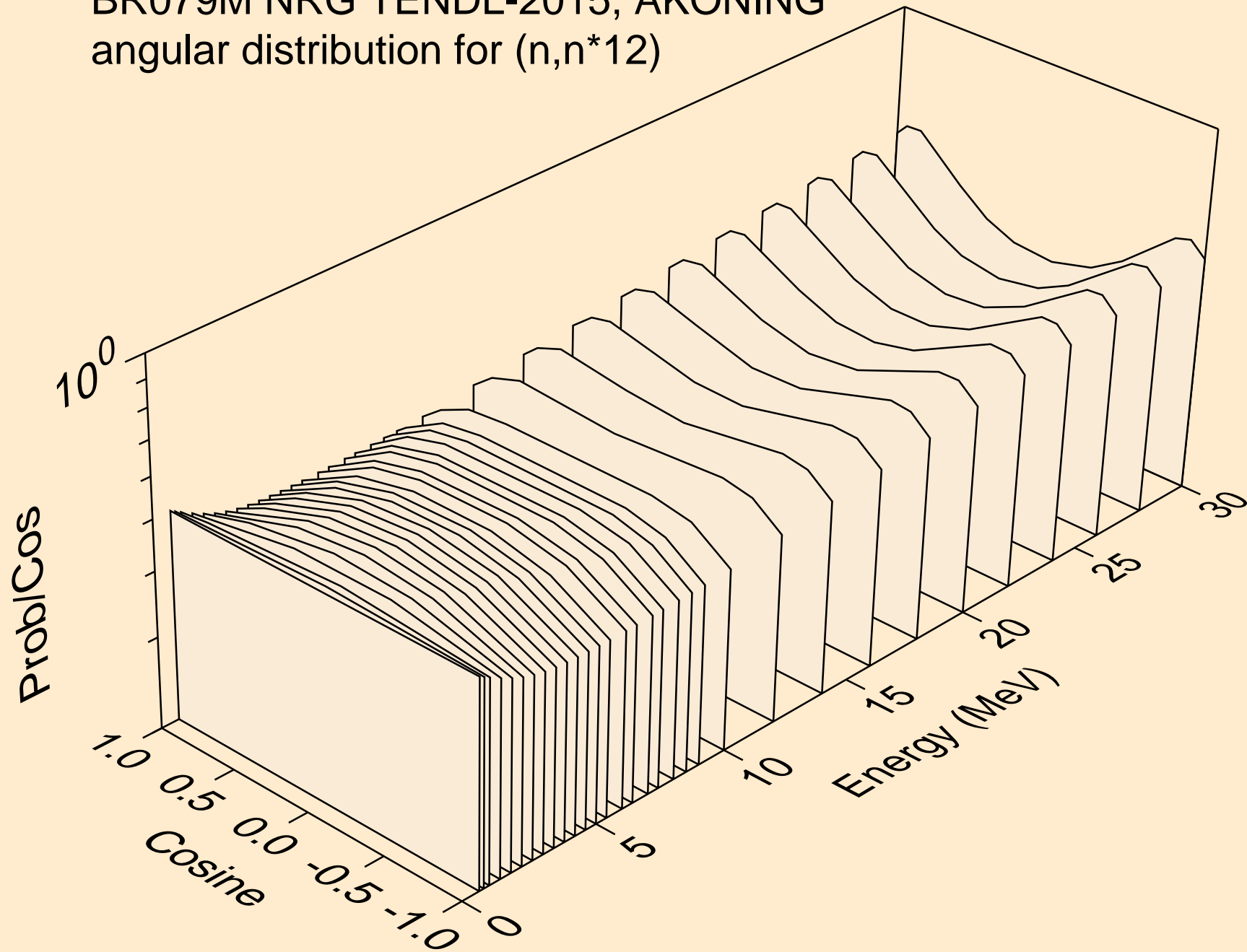
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angular distribution for (n,n\*10)



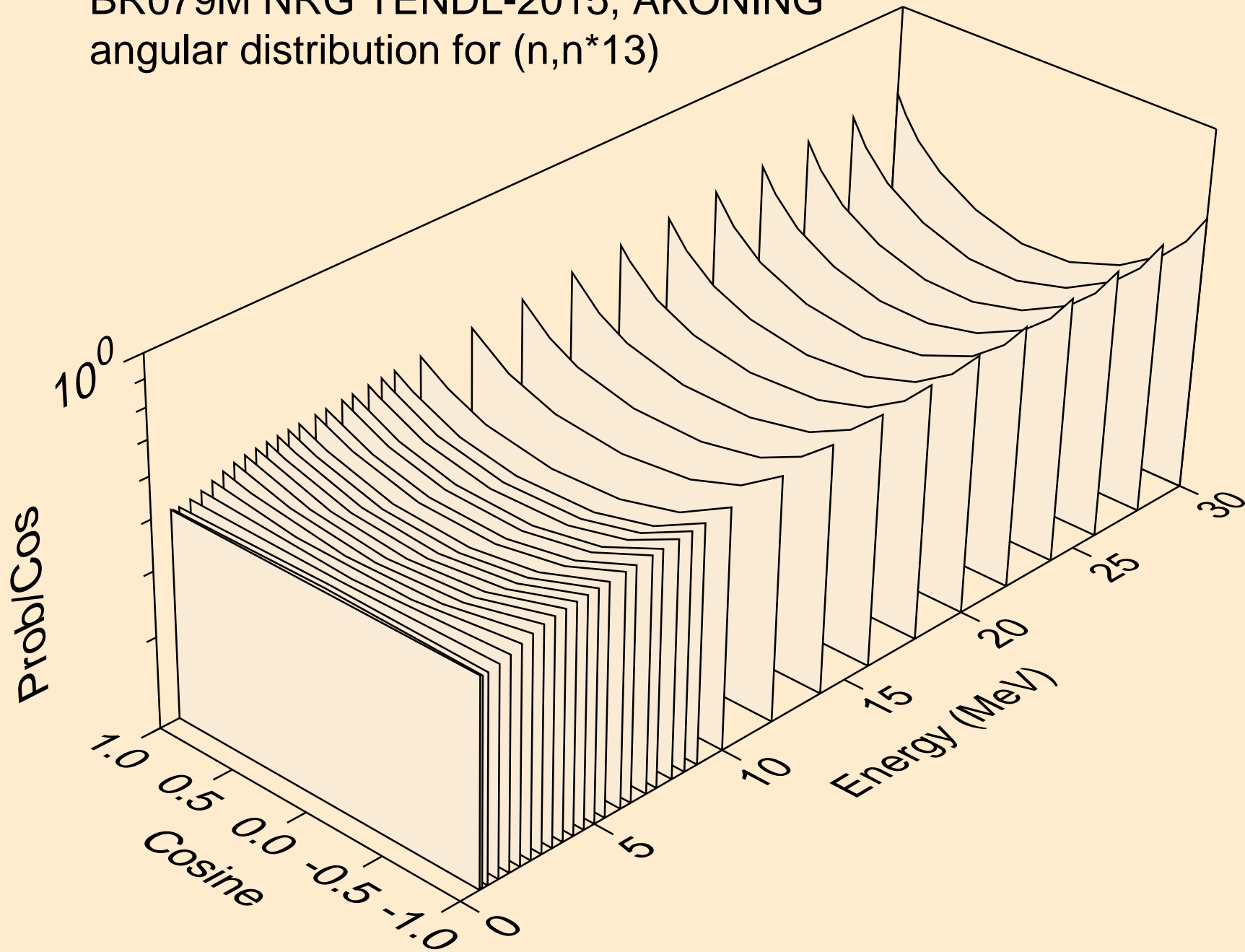
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angular distribution for (n,n\*11)



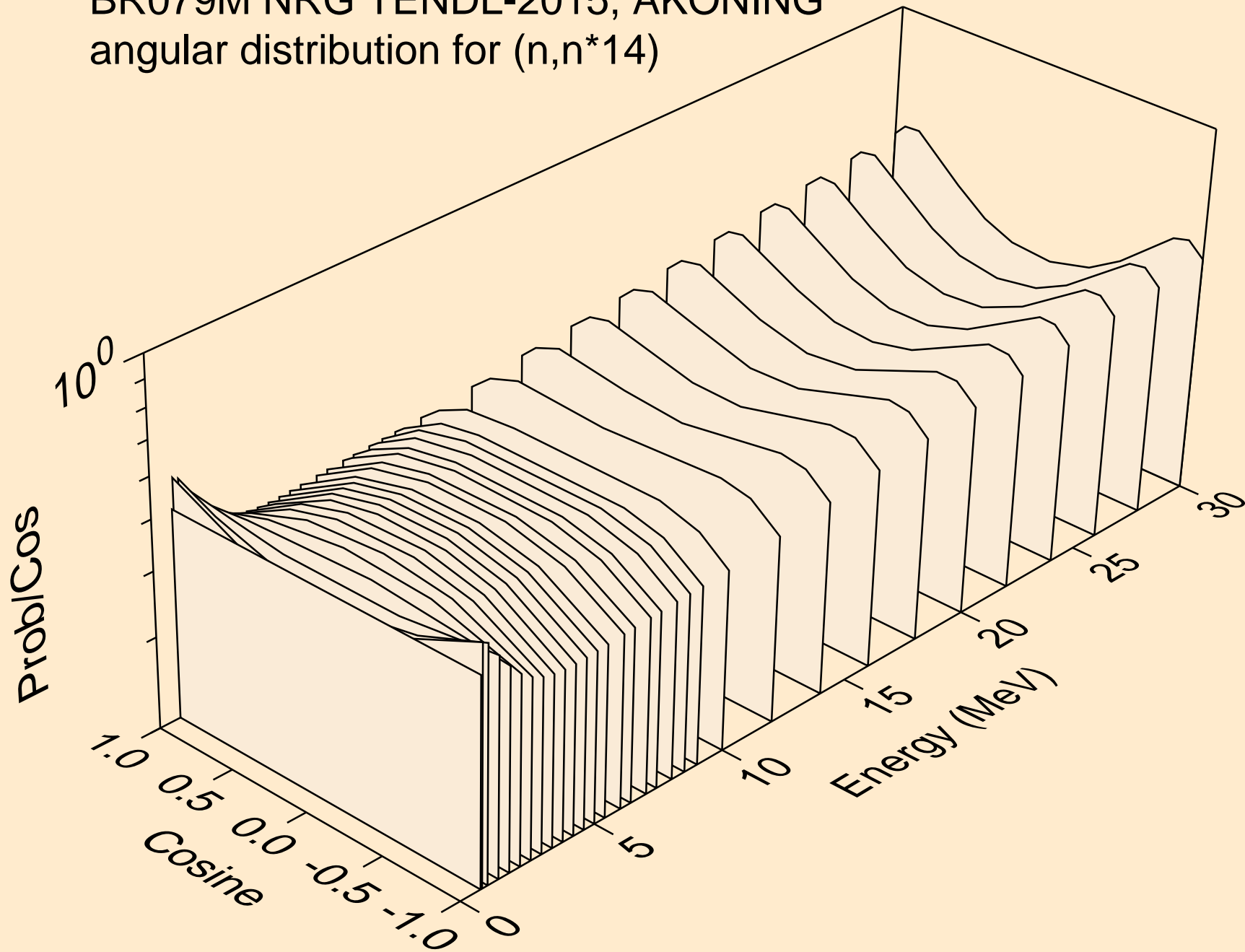
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angular distribution for (n,n\*12)



BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

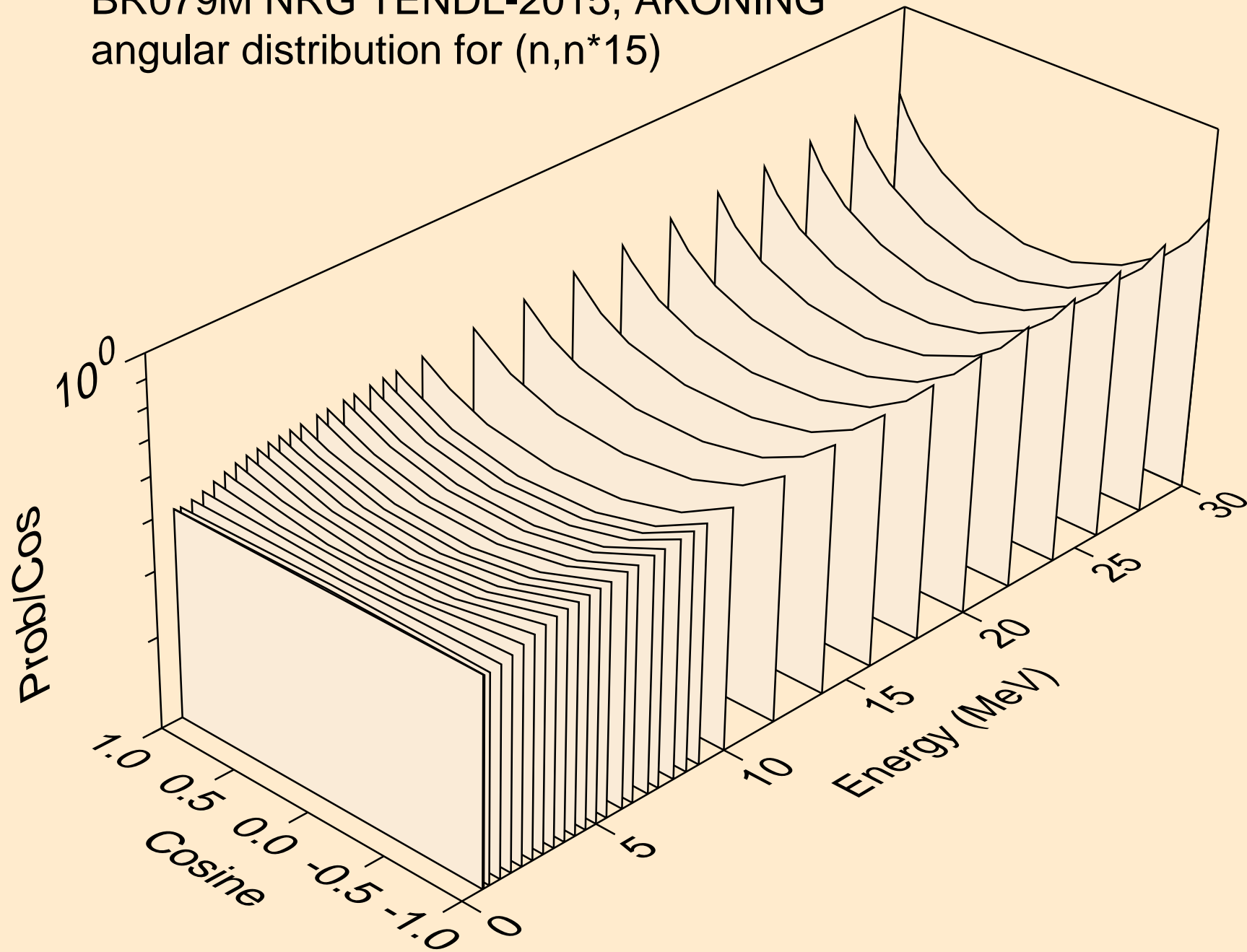


BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

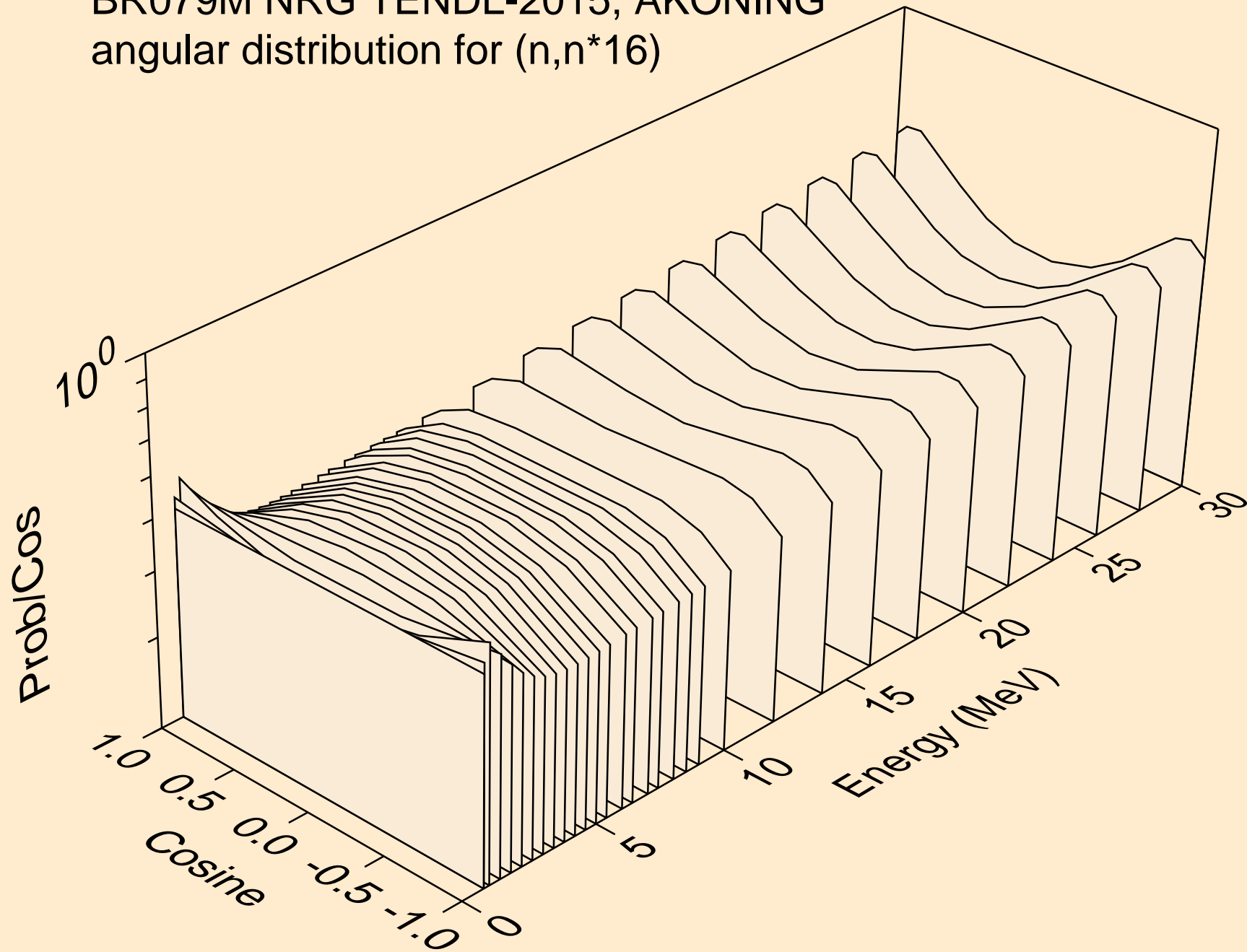




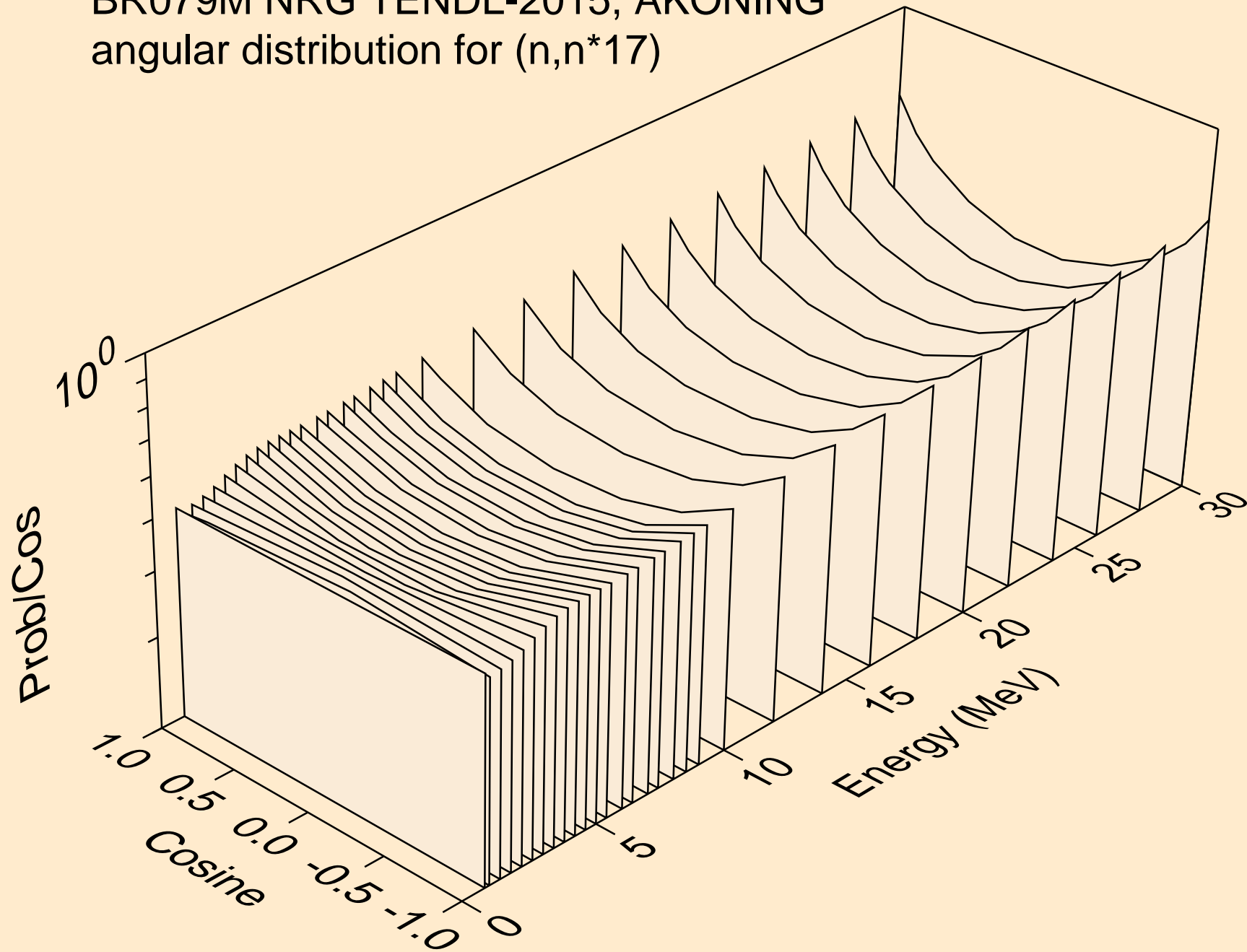
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angular distribution for (n,n\*15)



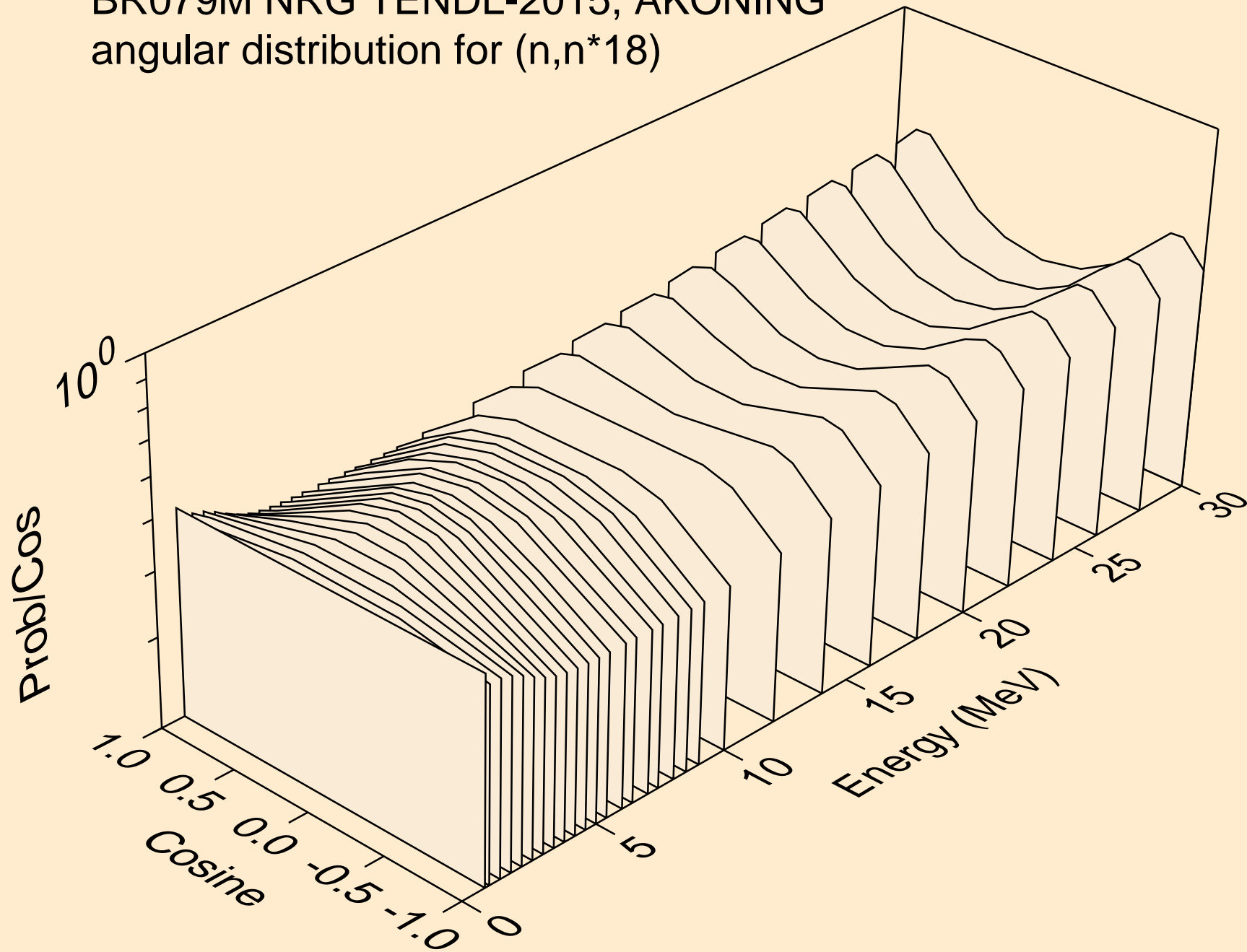
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angular distribution for (n,n\*16)



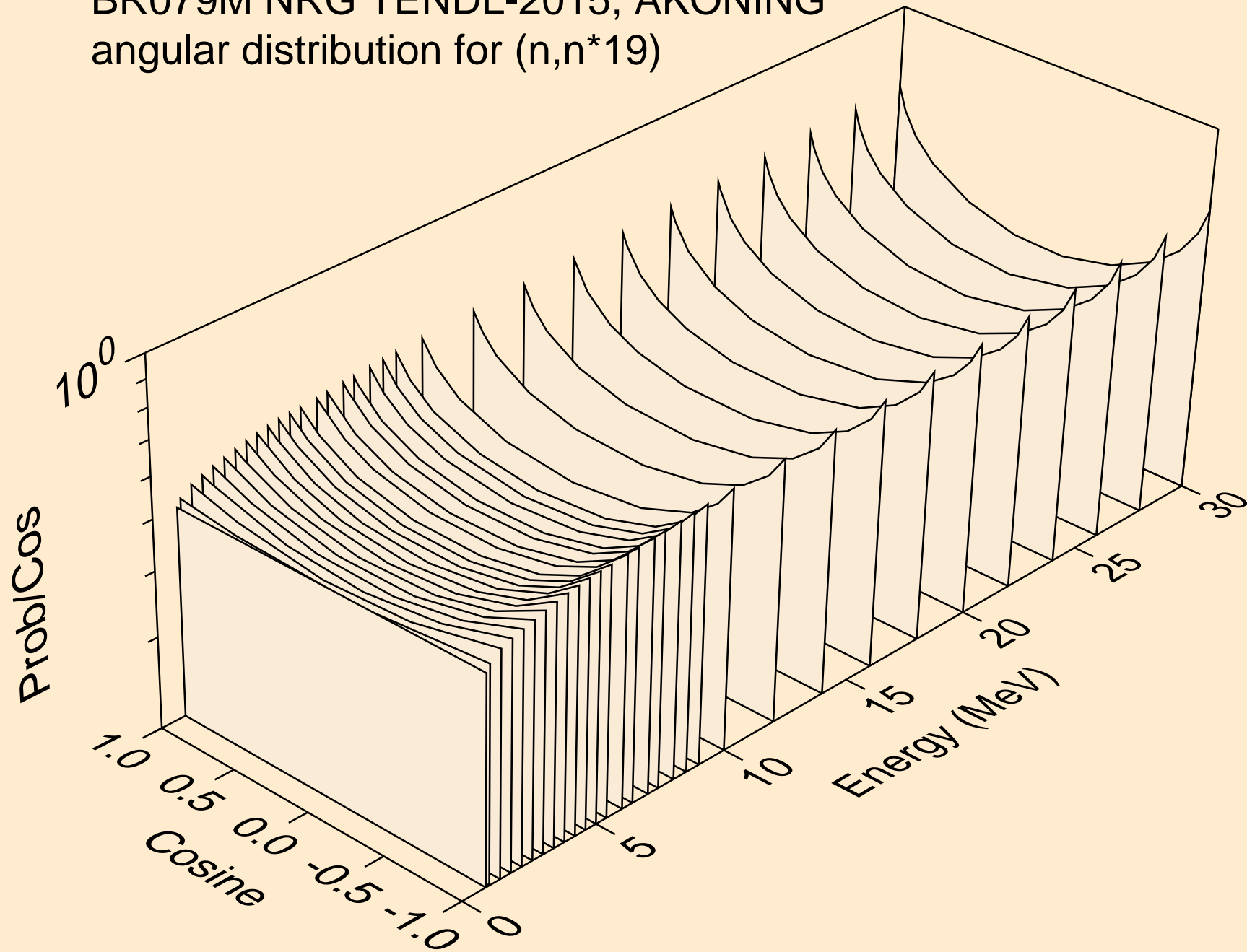
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angular distribution for (n,n\*17)



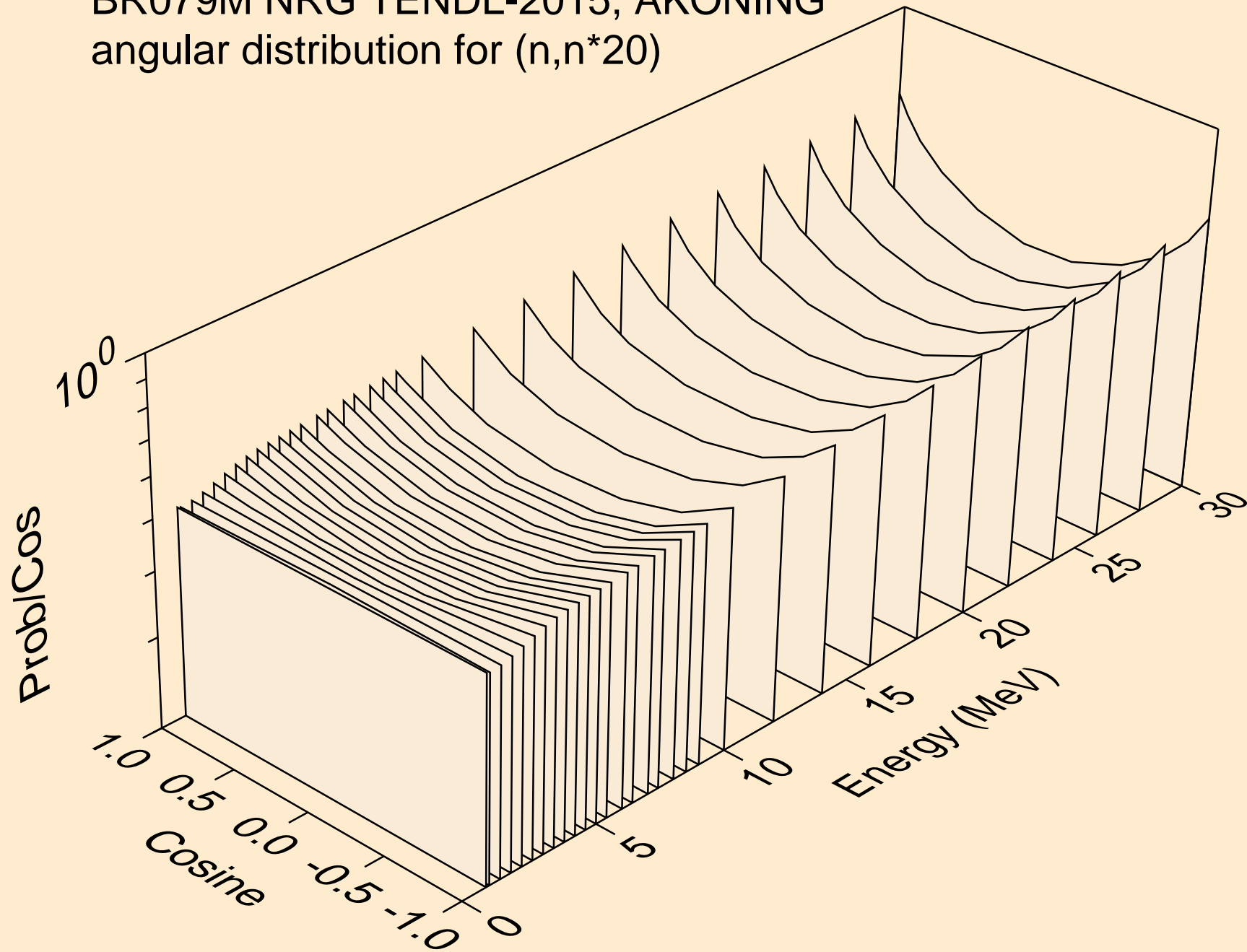
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angular distribution for (n,n\*18)



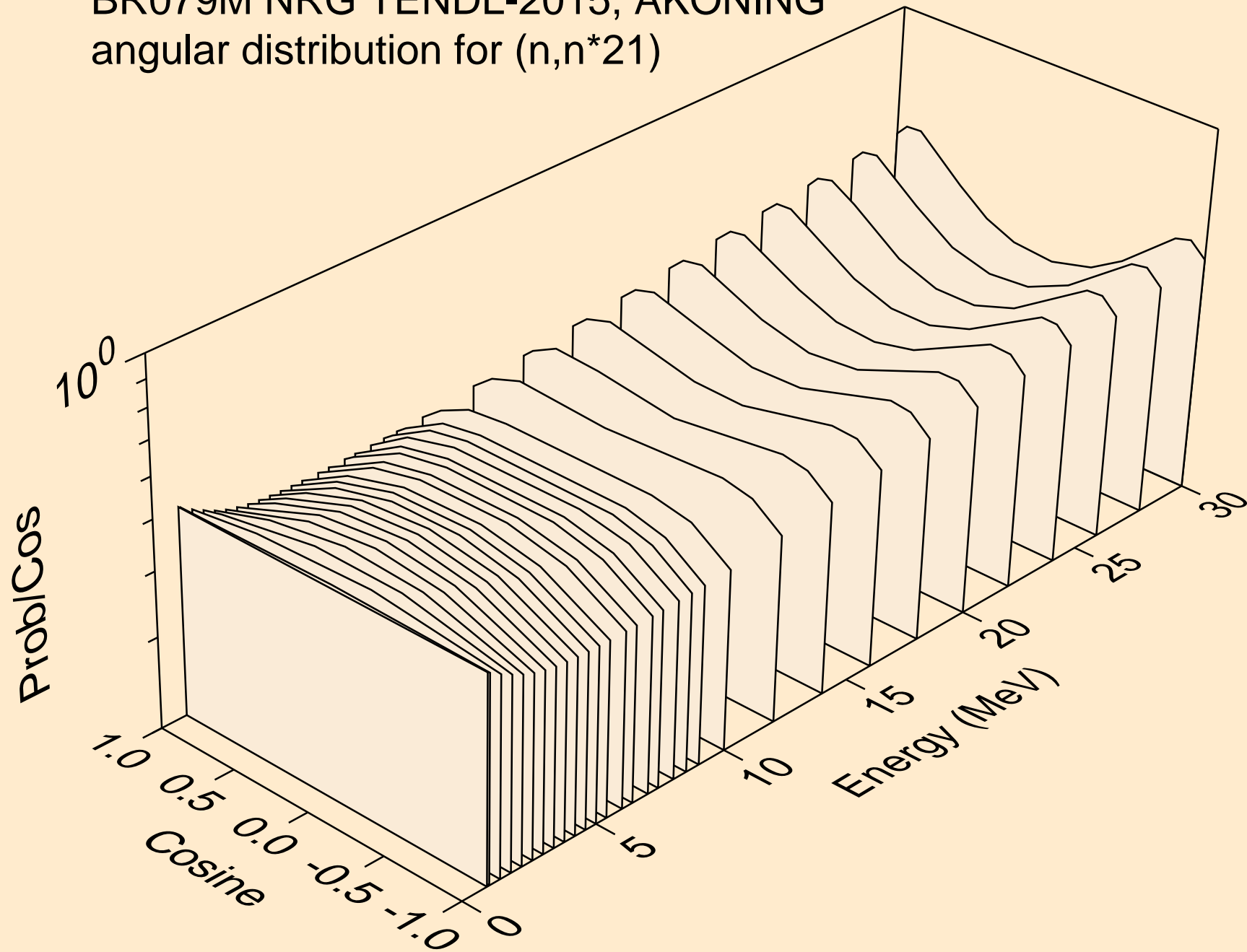
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angular distribution for (n,n\*19)



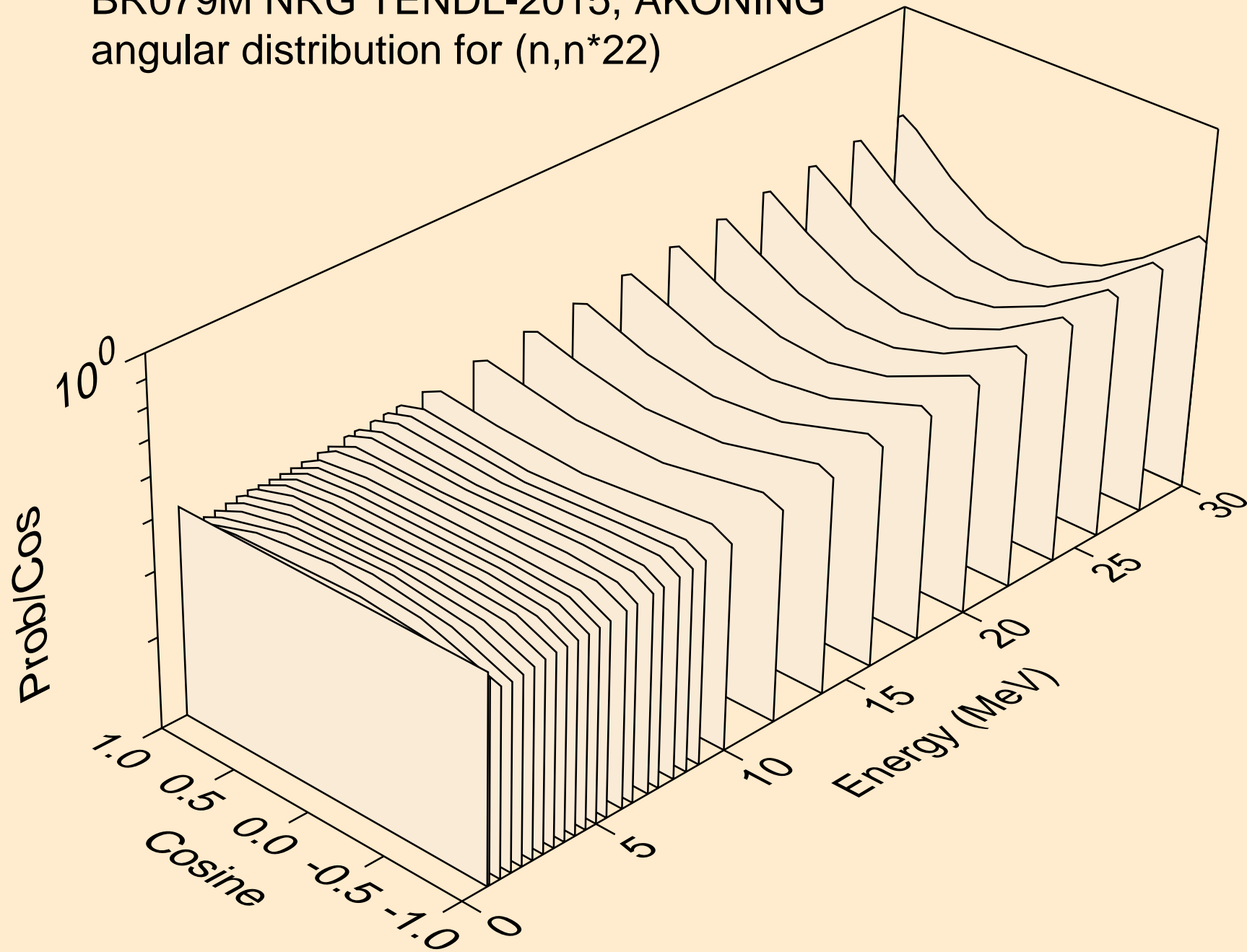
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angular distribution for (n,n\*20)



BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

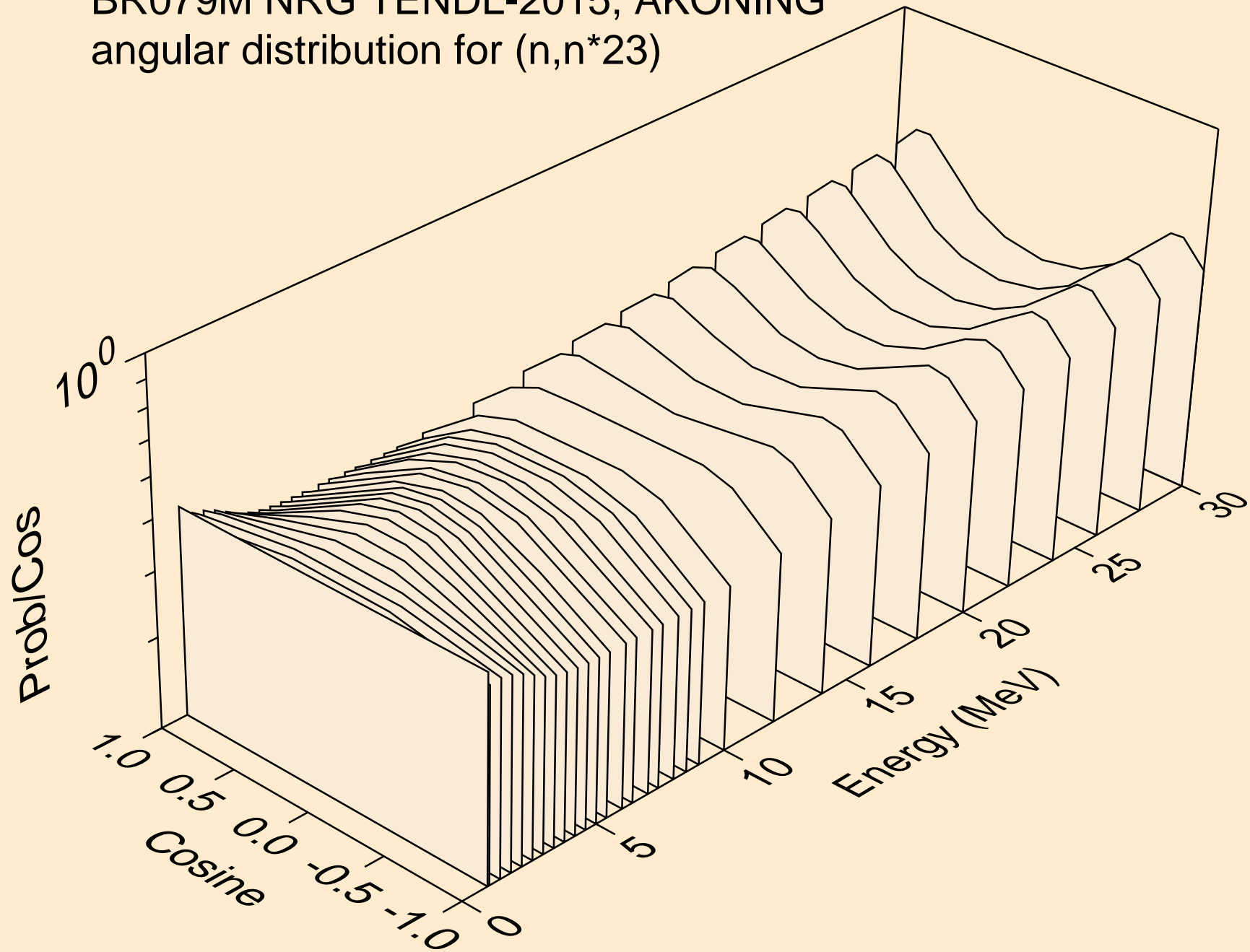


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angular distribution for (n,n\*22)

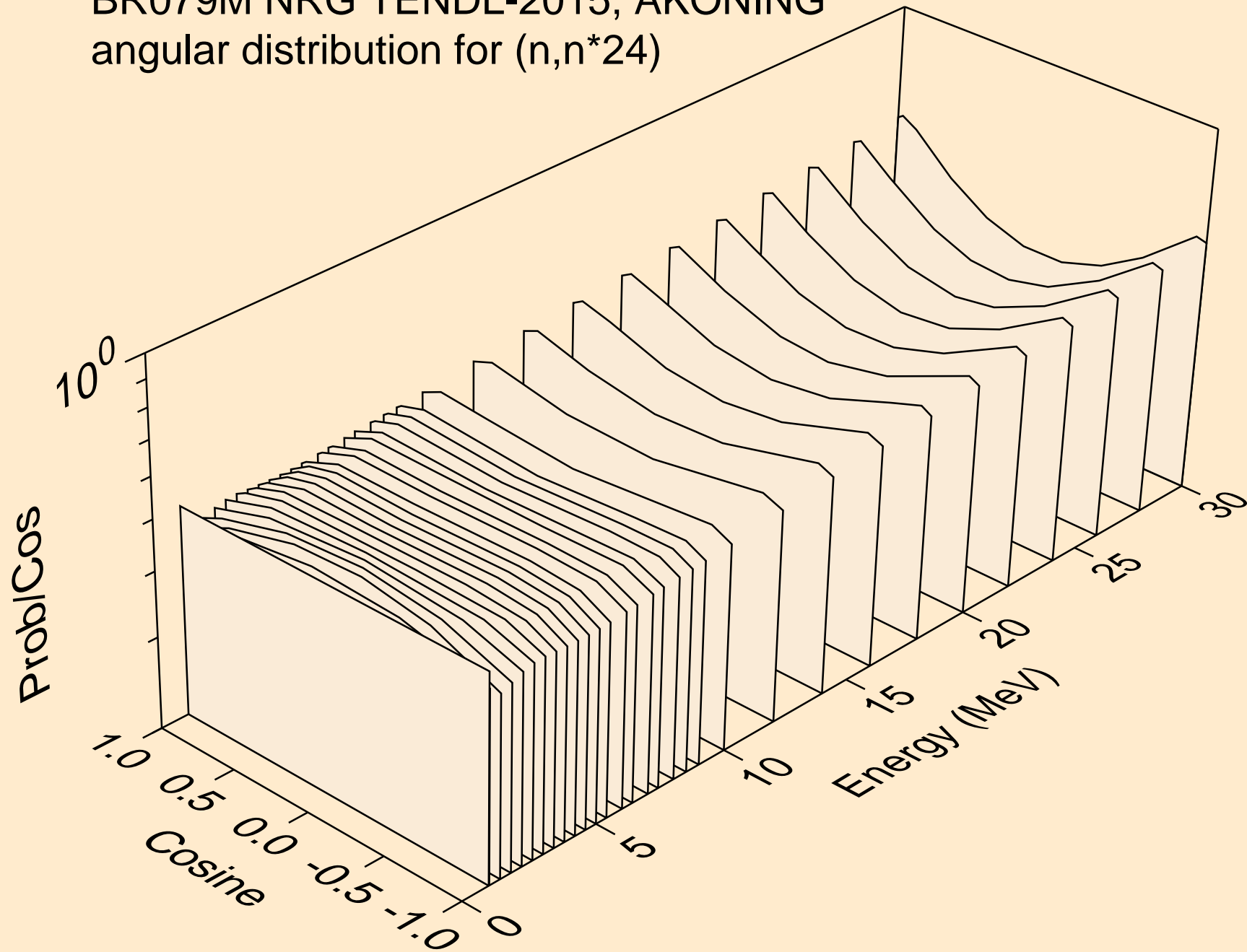




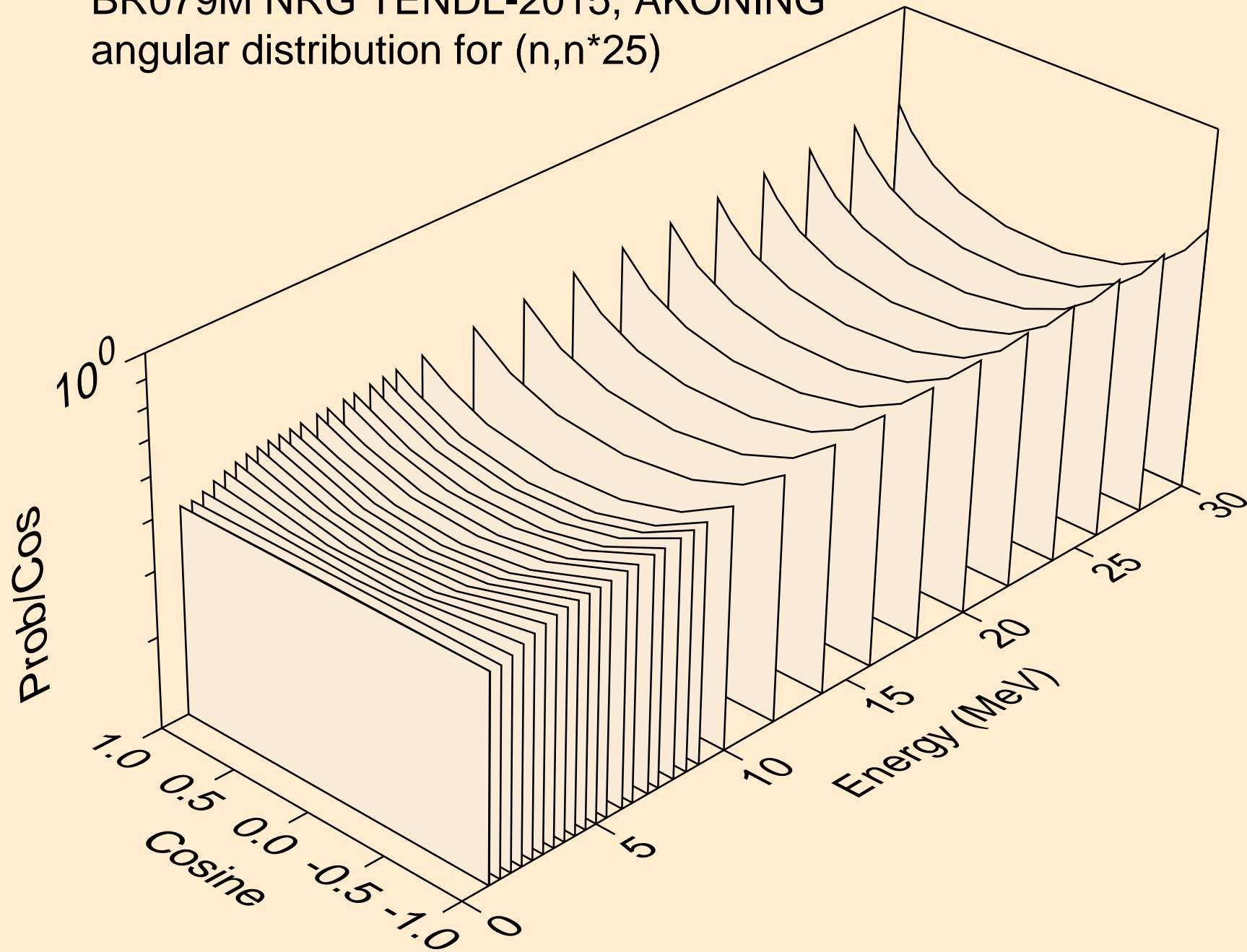
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angular distribution for (n,n\*23)



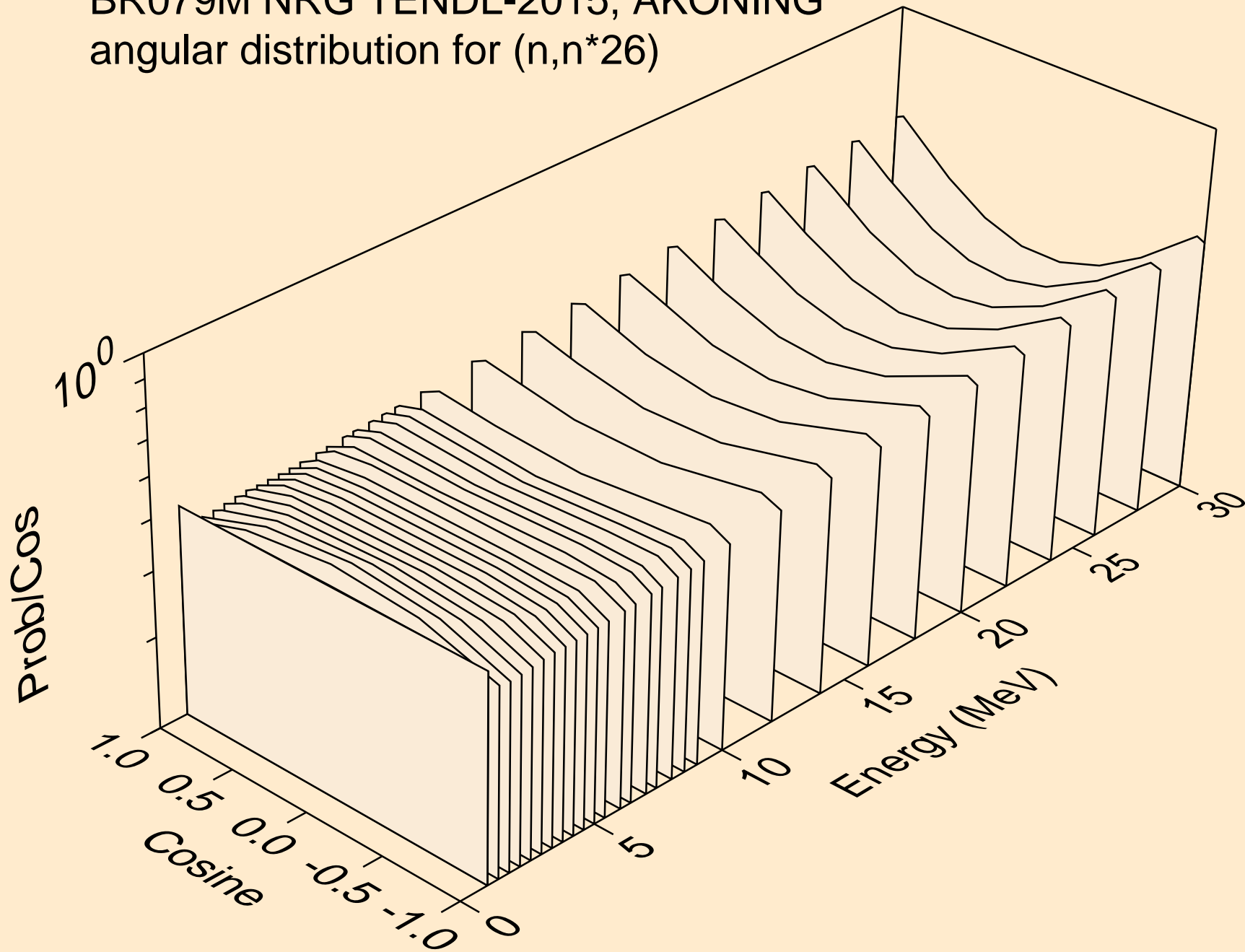
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angular distribution for (n,n\*24)



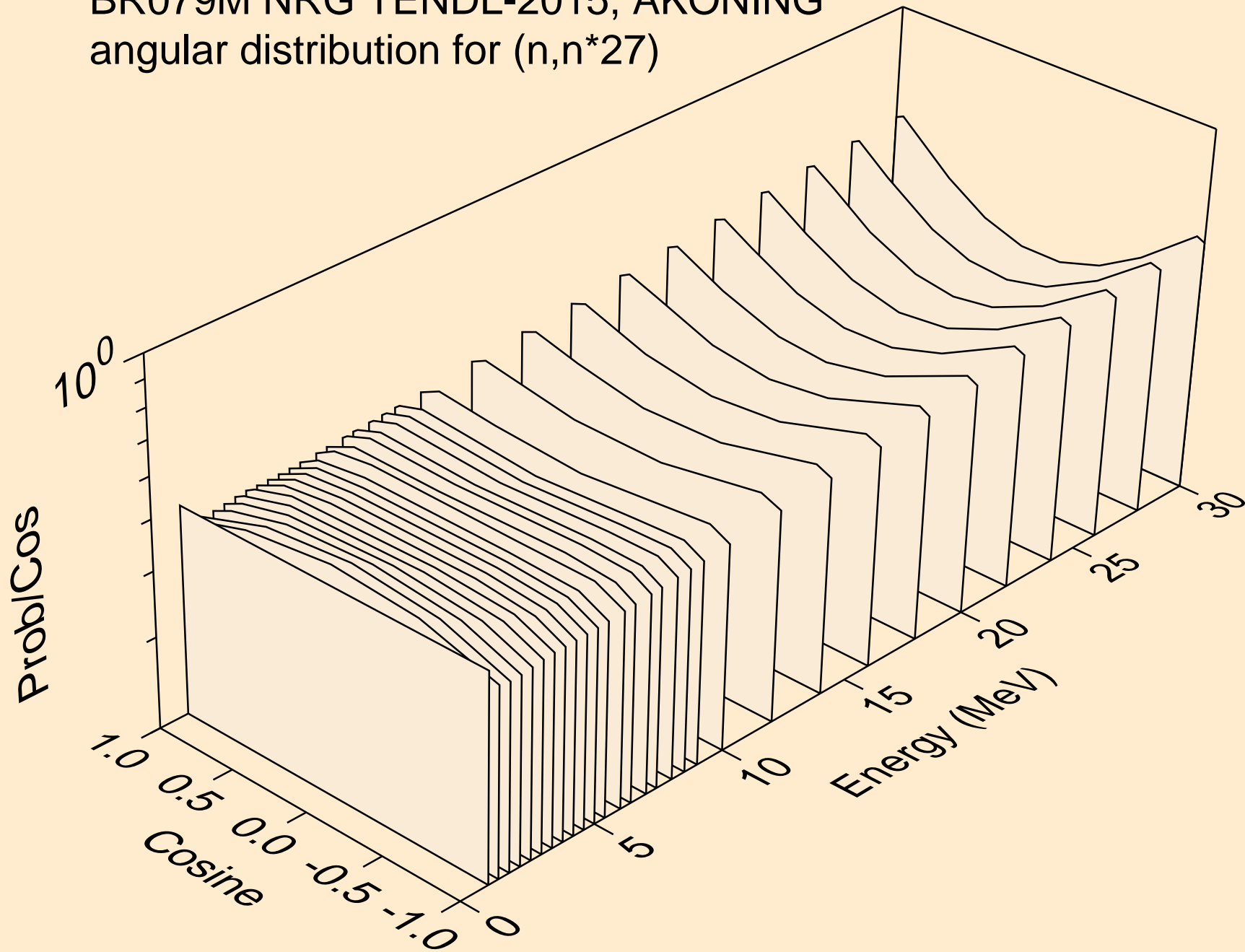
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angular distribution for (n,n\*25)



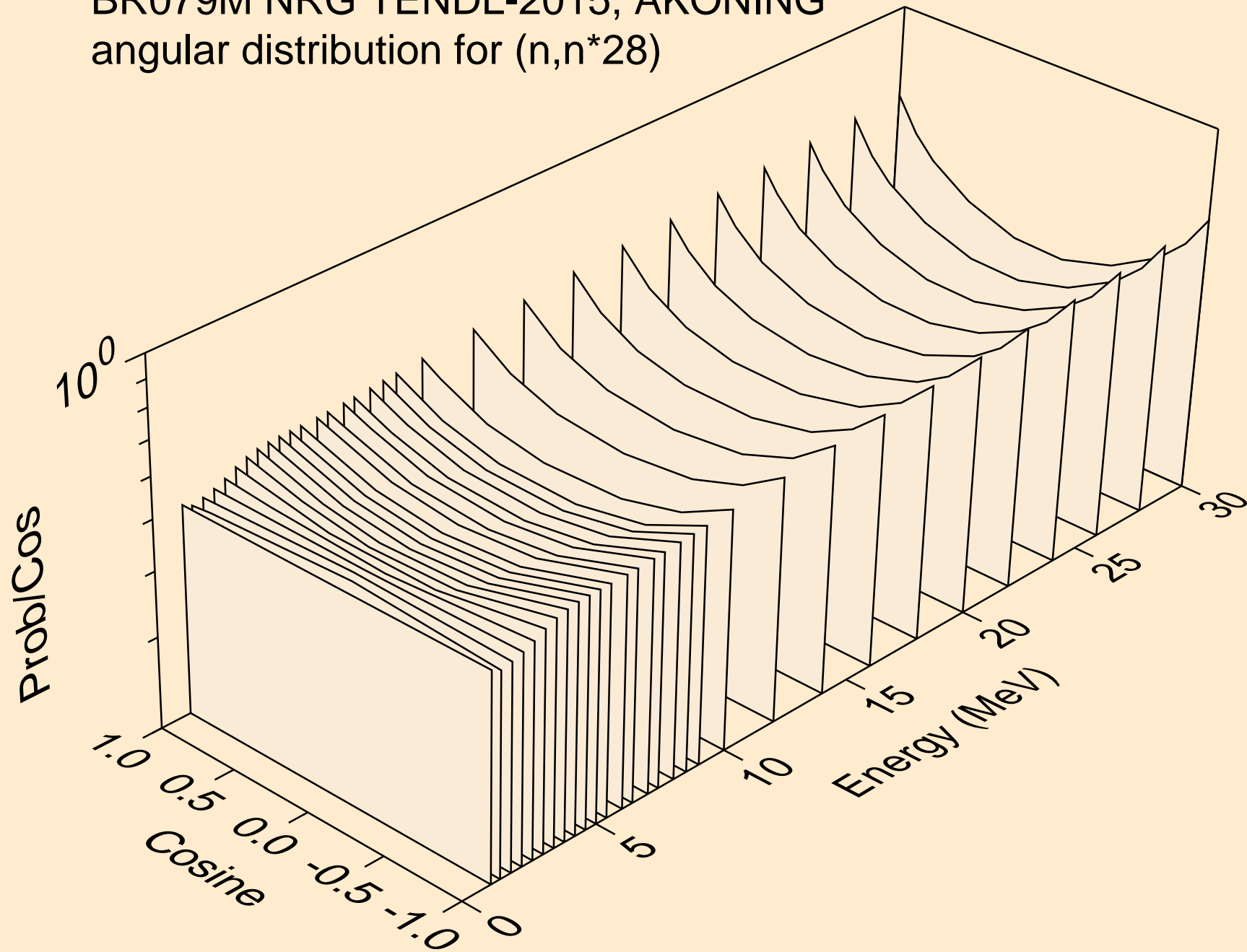
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angular distribution for (n,n\*26)



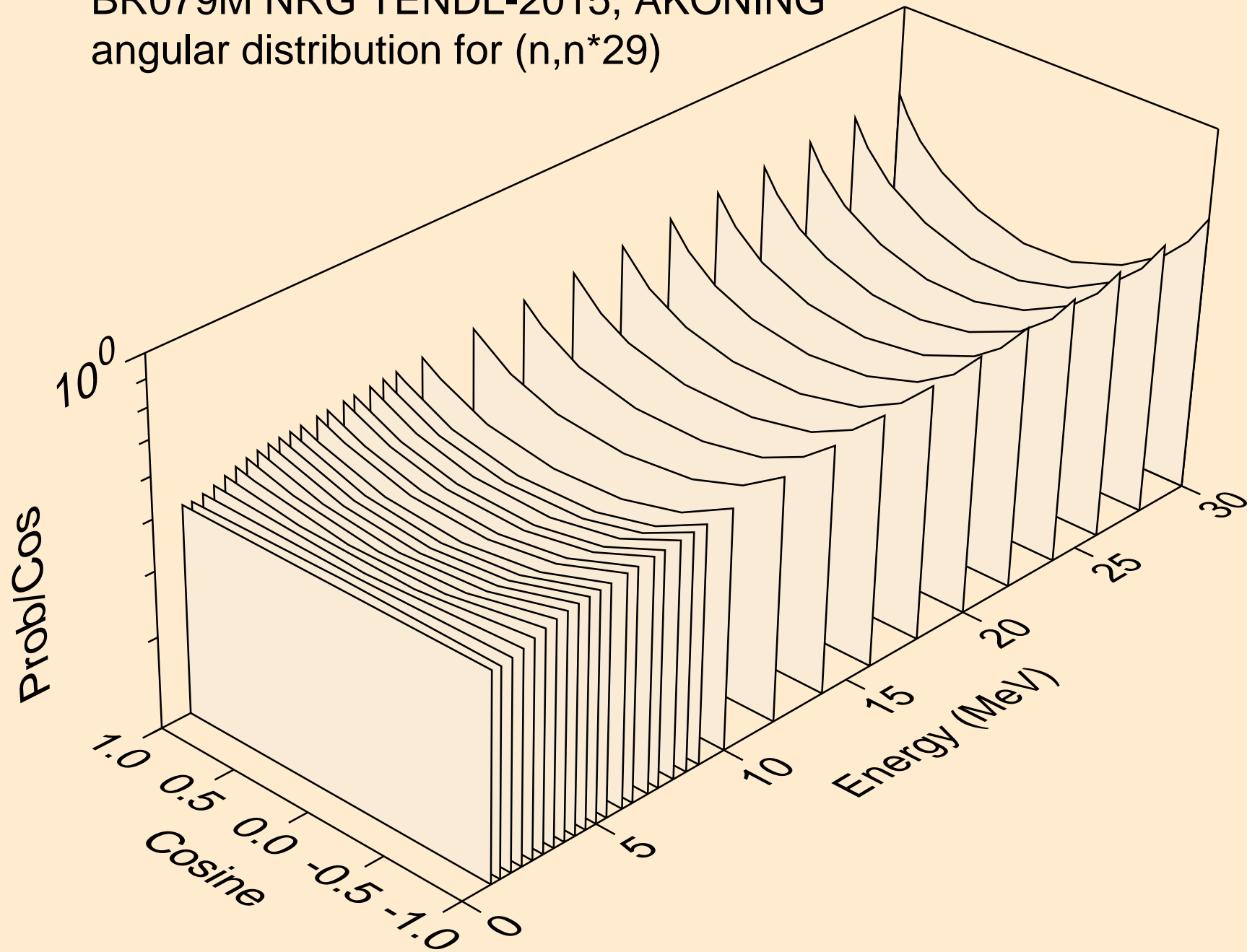
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angular distribution for (n,n\*27)



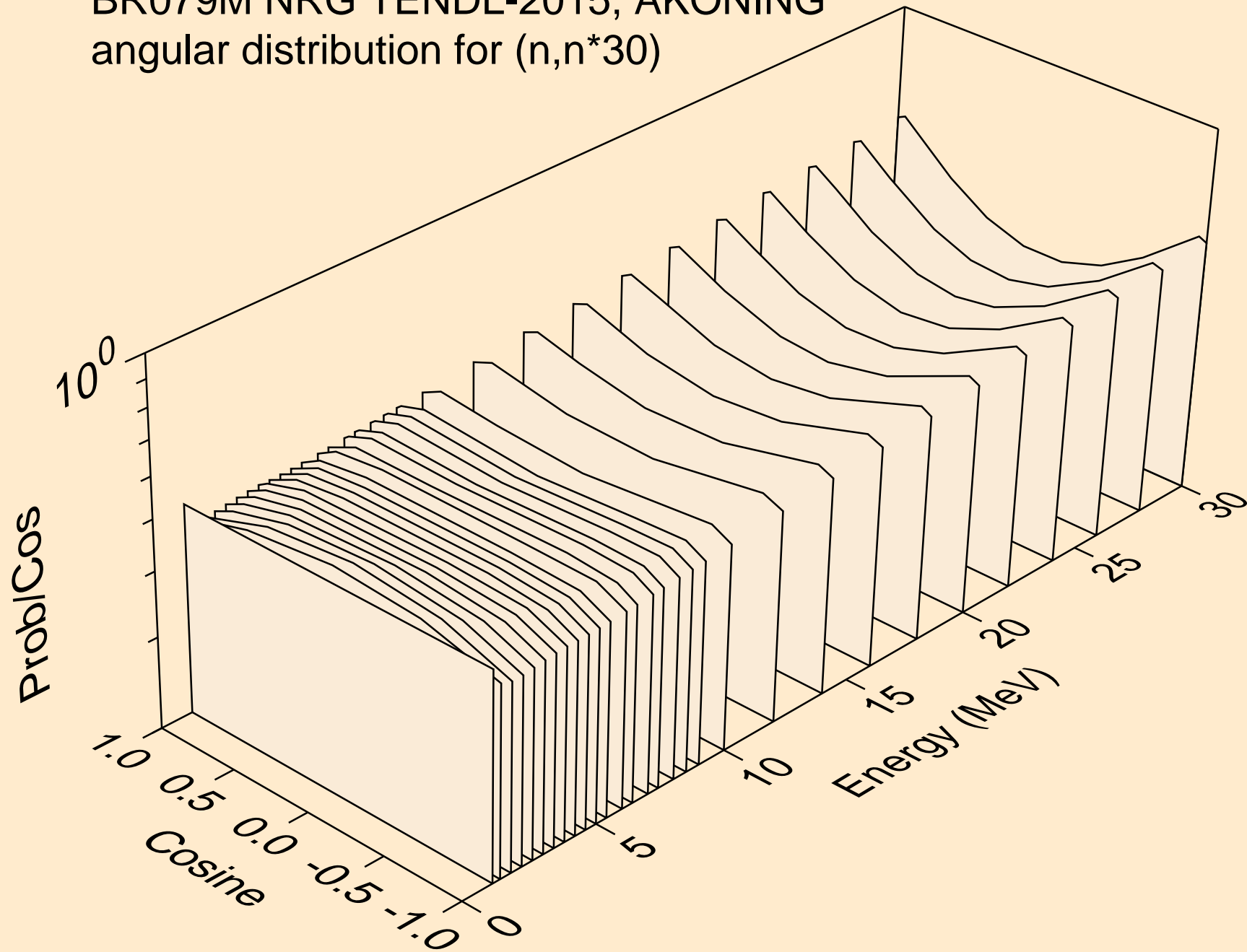
BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

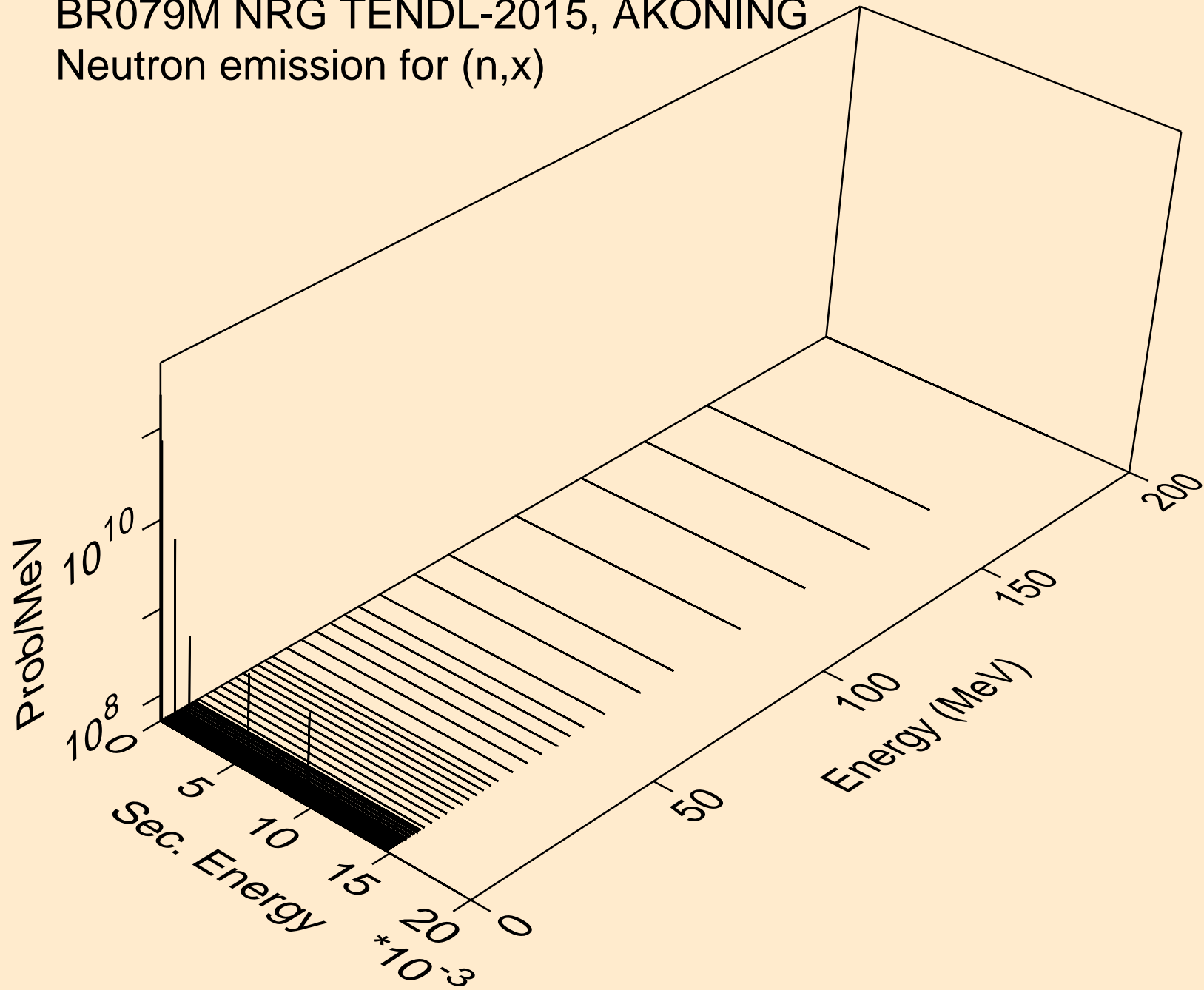


BR079M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

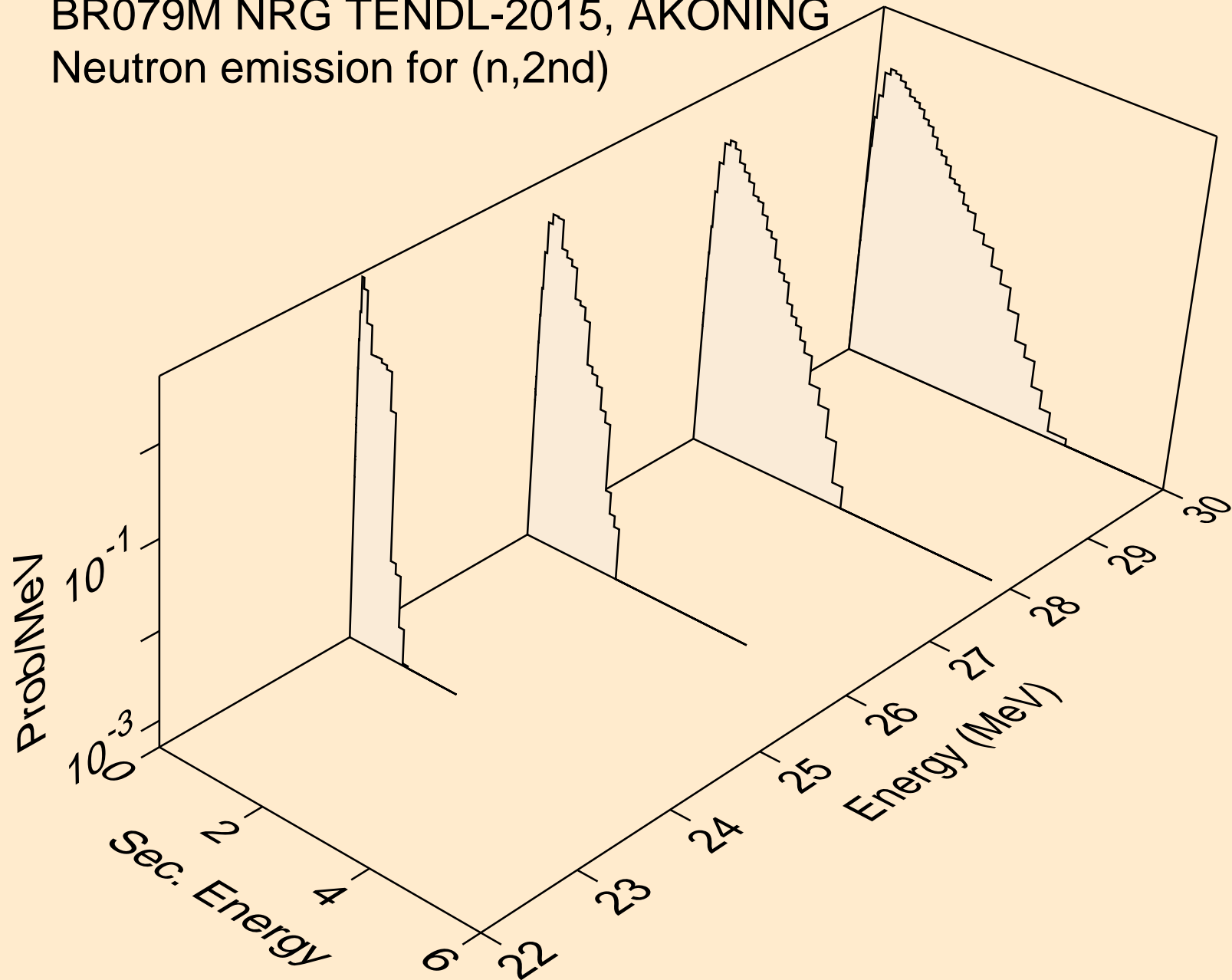




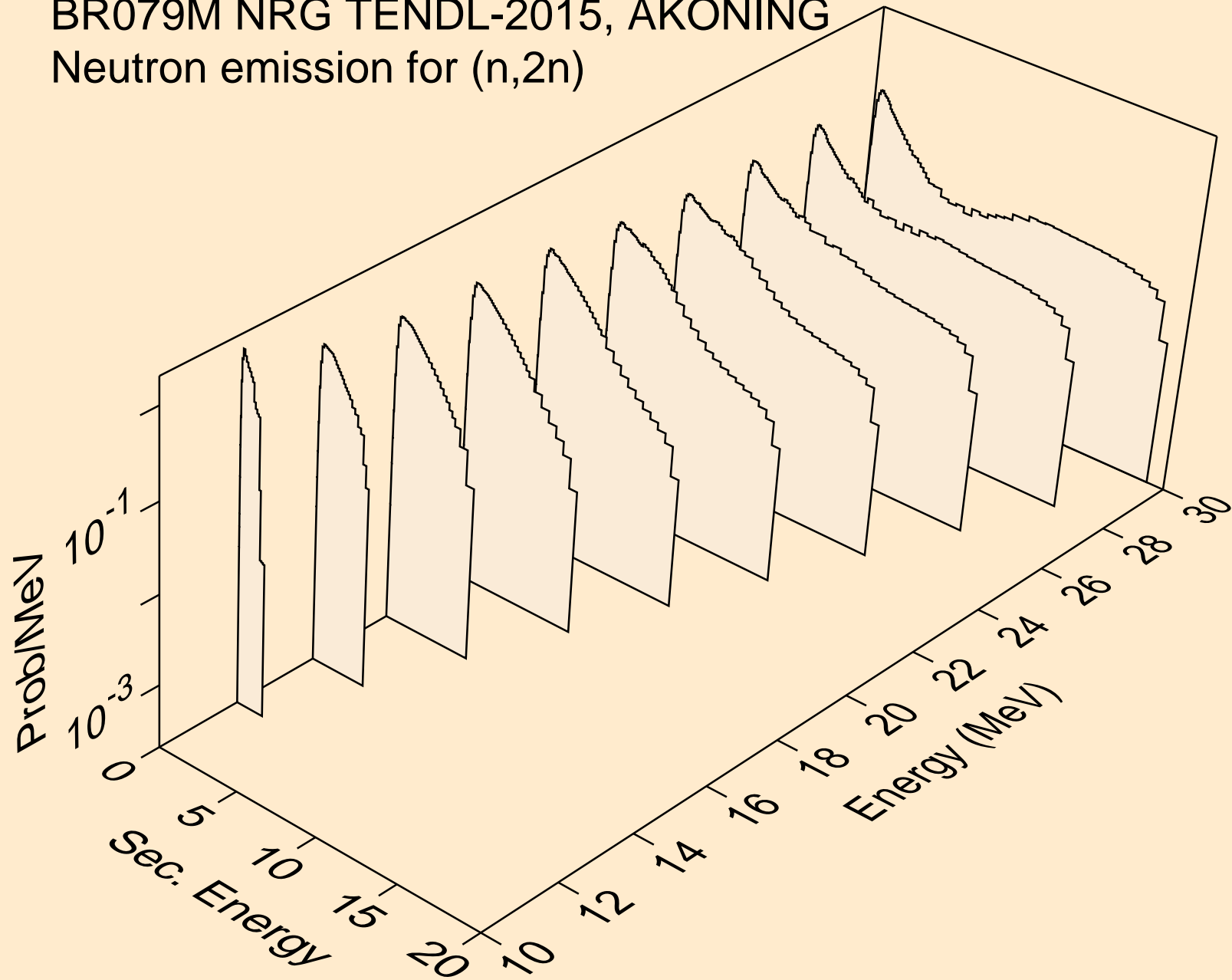
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



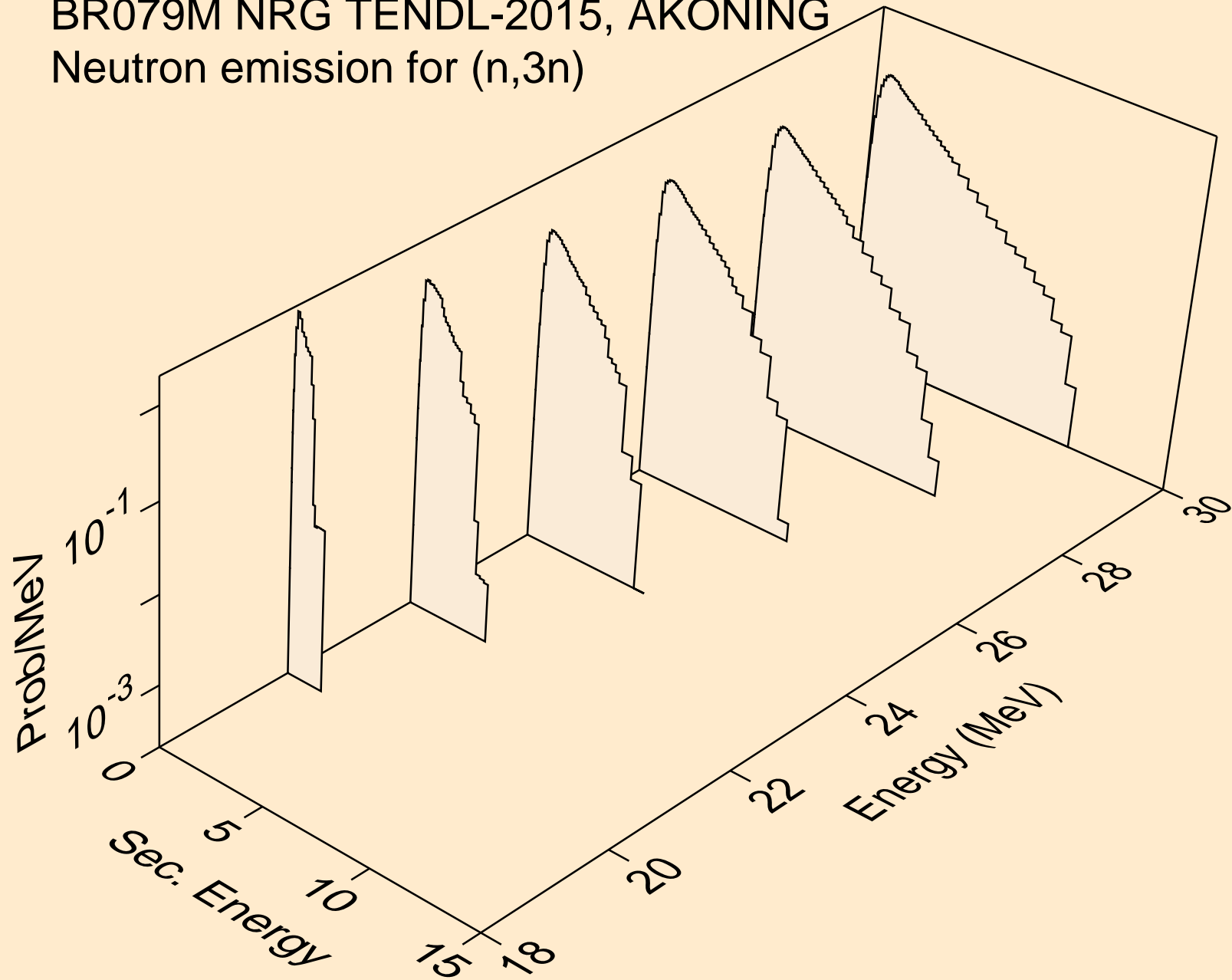
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



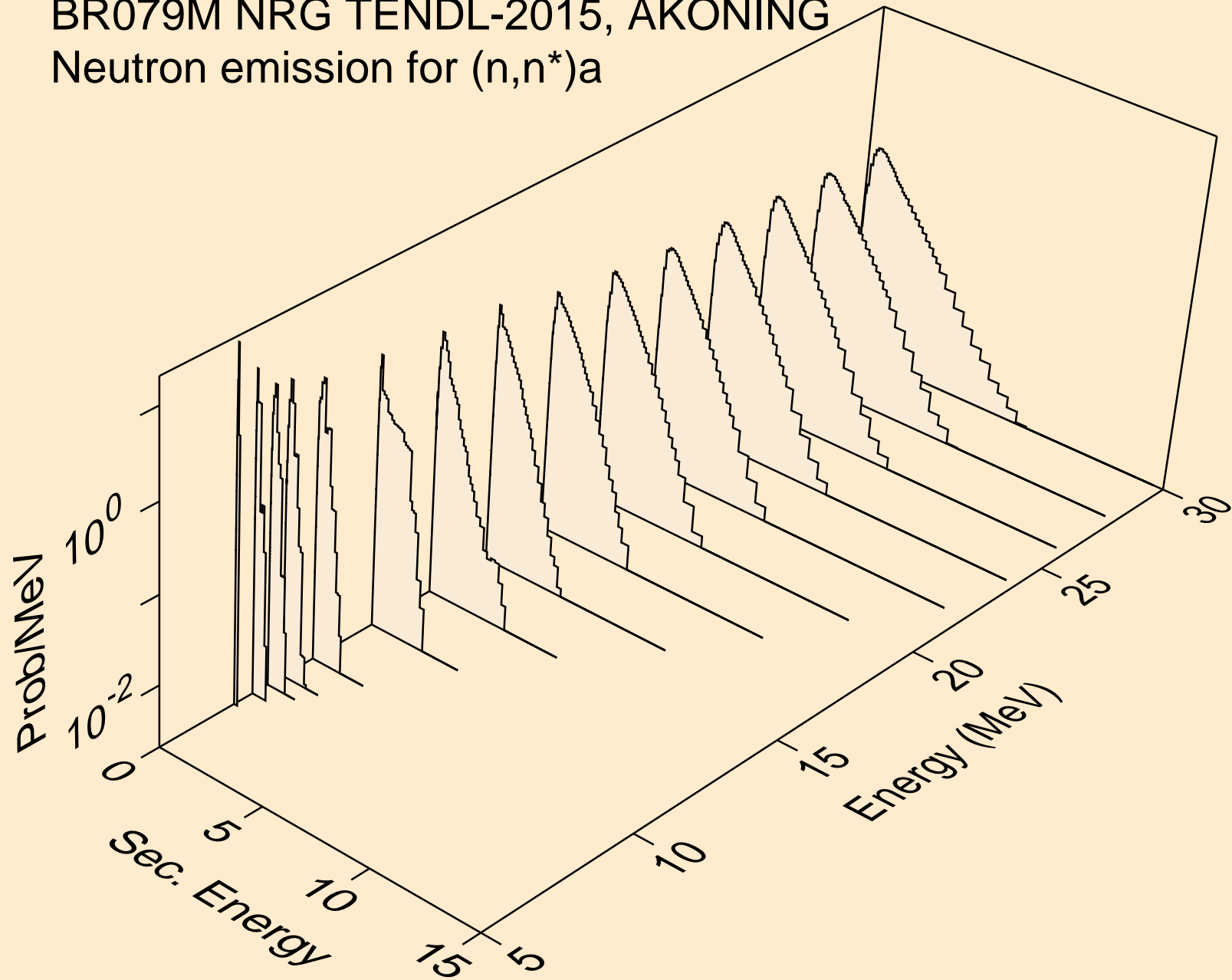
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



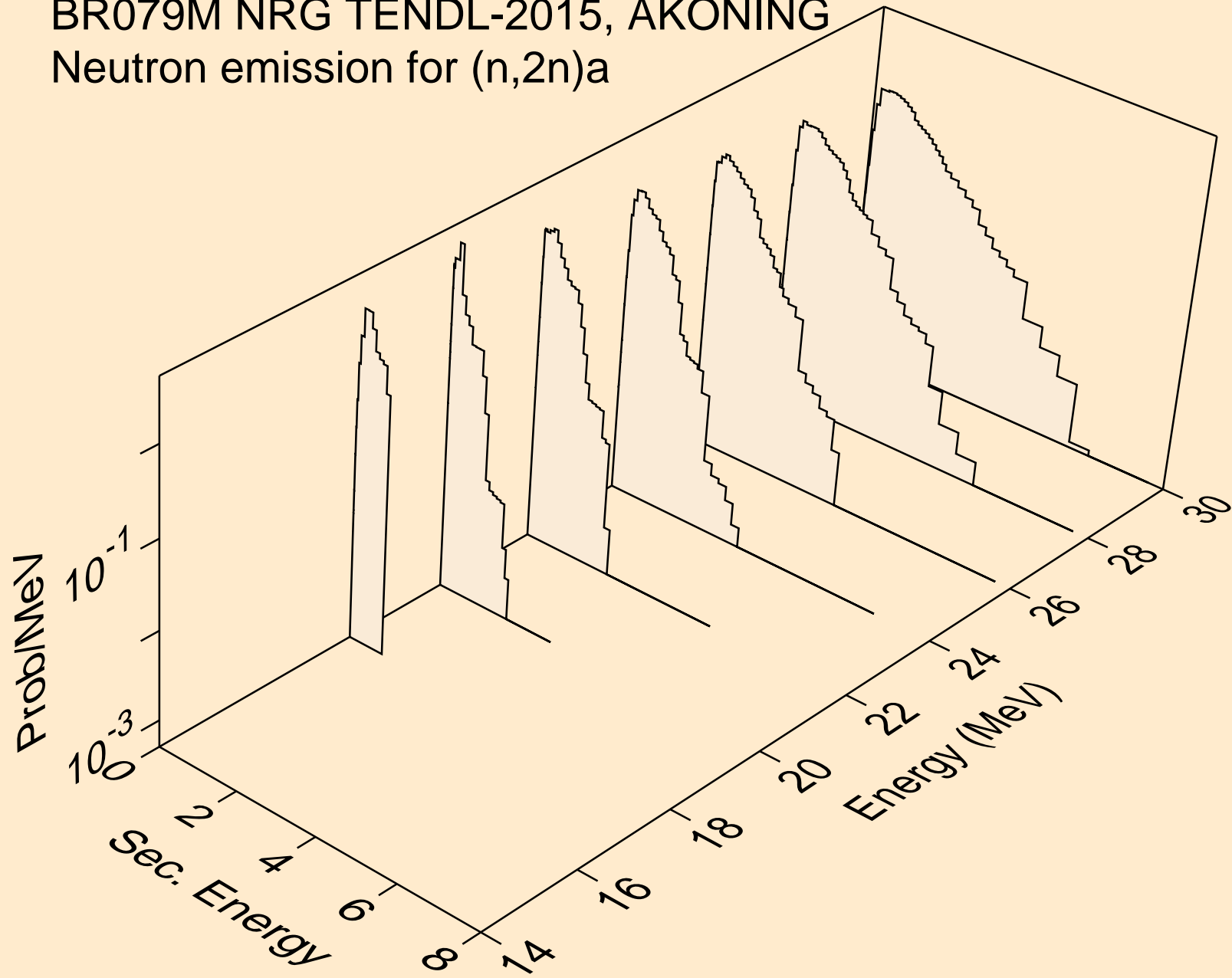
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



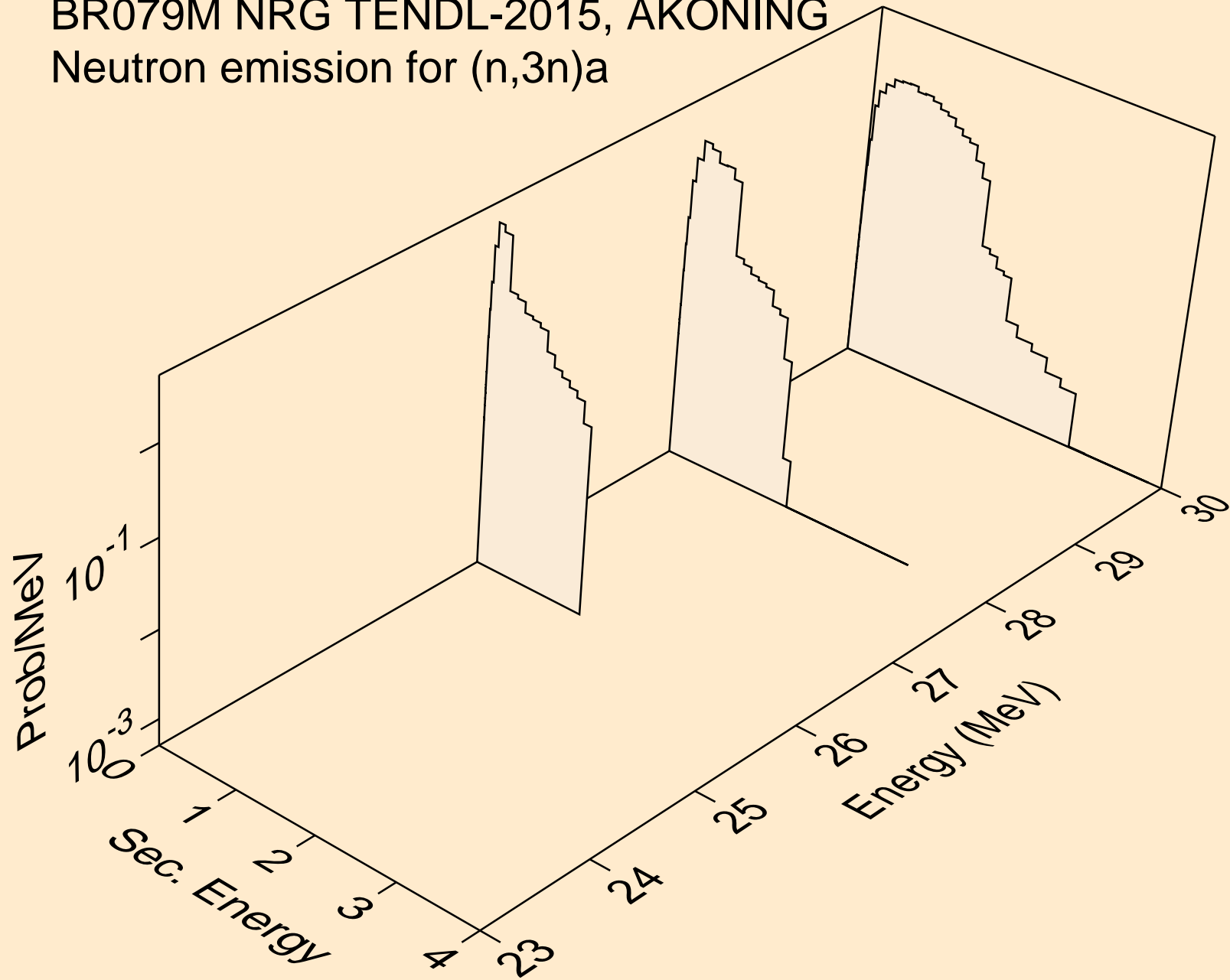
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



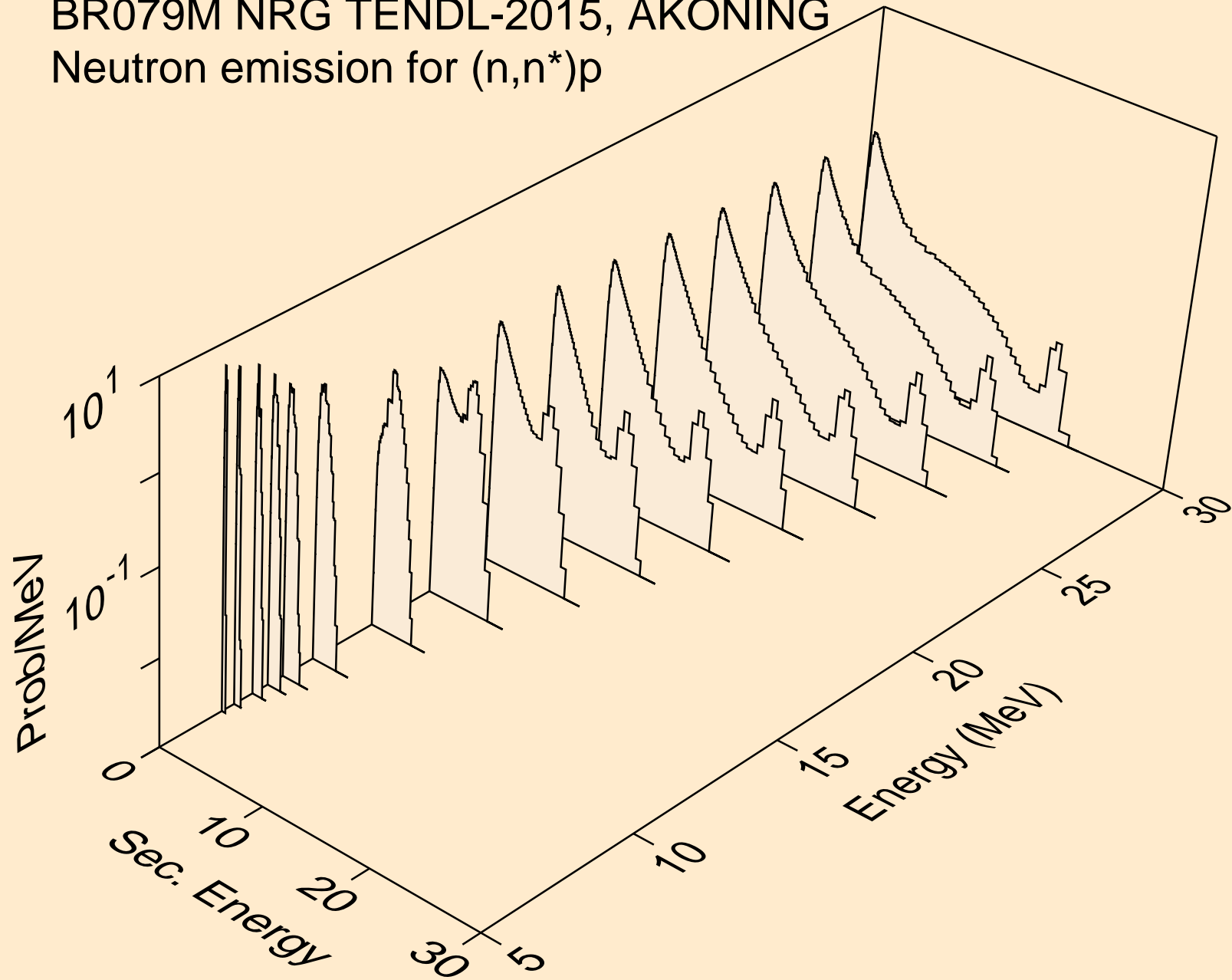
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Neutron emission for (n,2n)a



BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

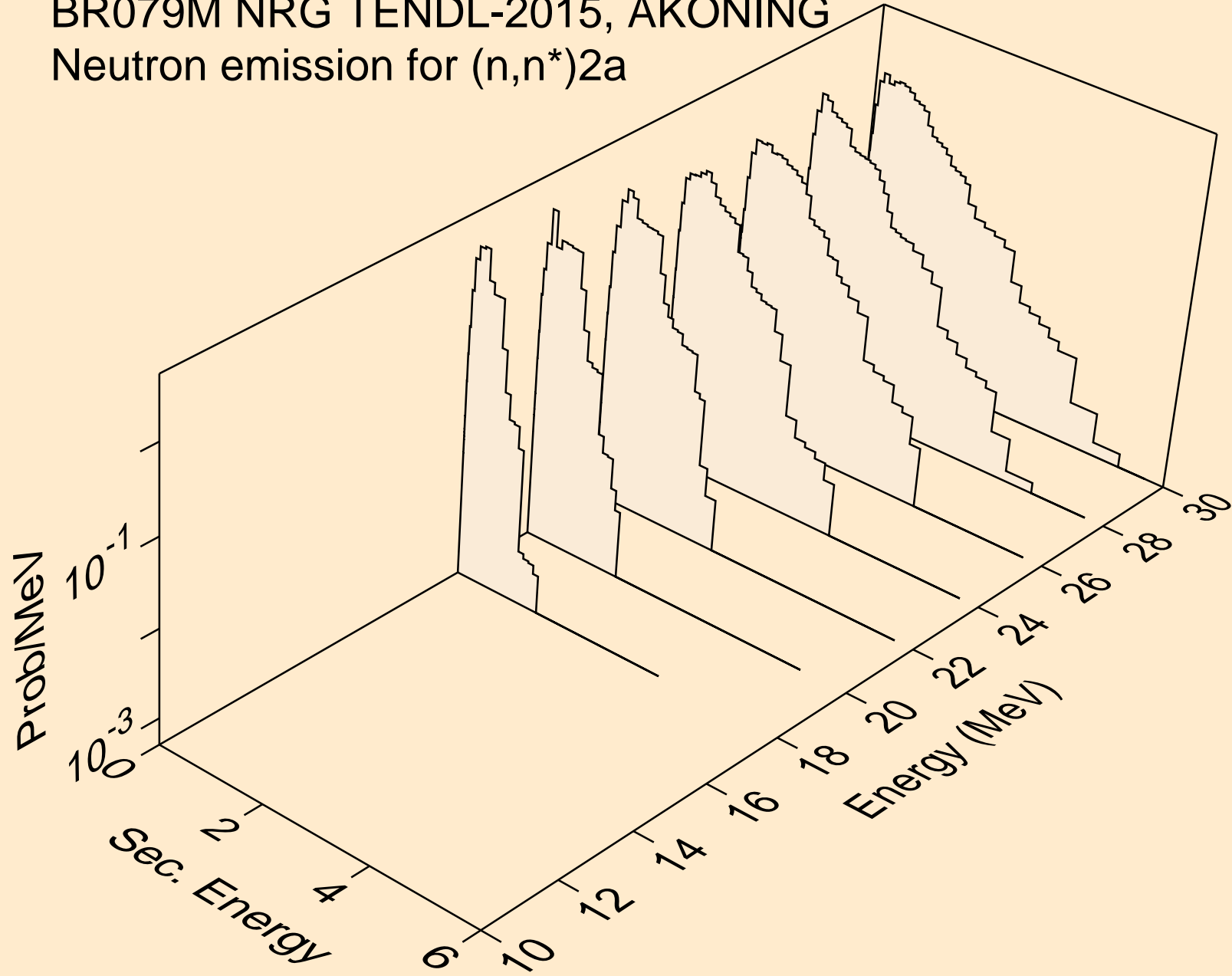


BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

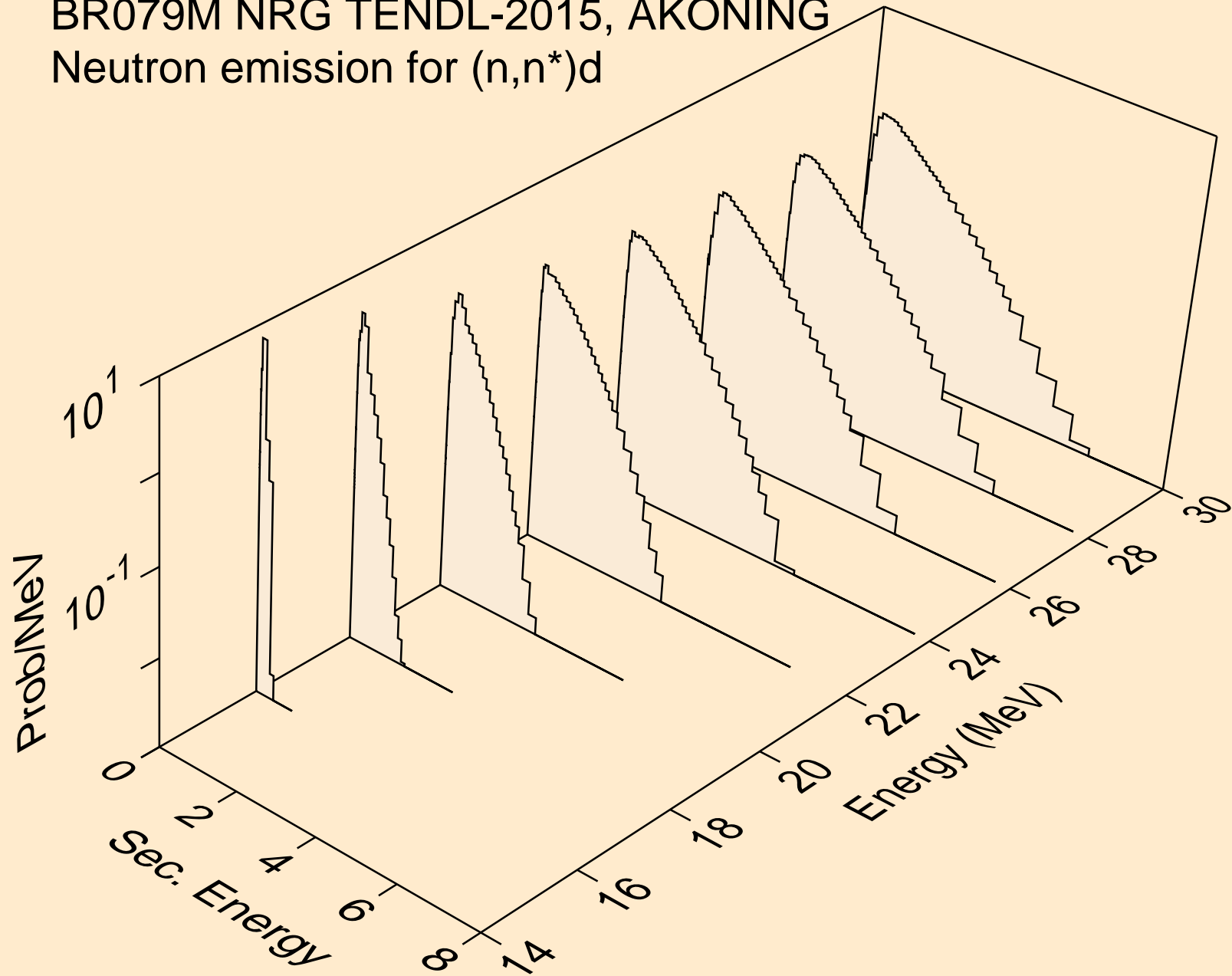




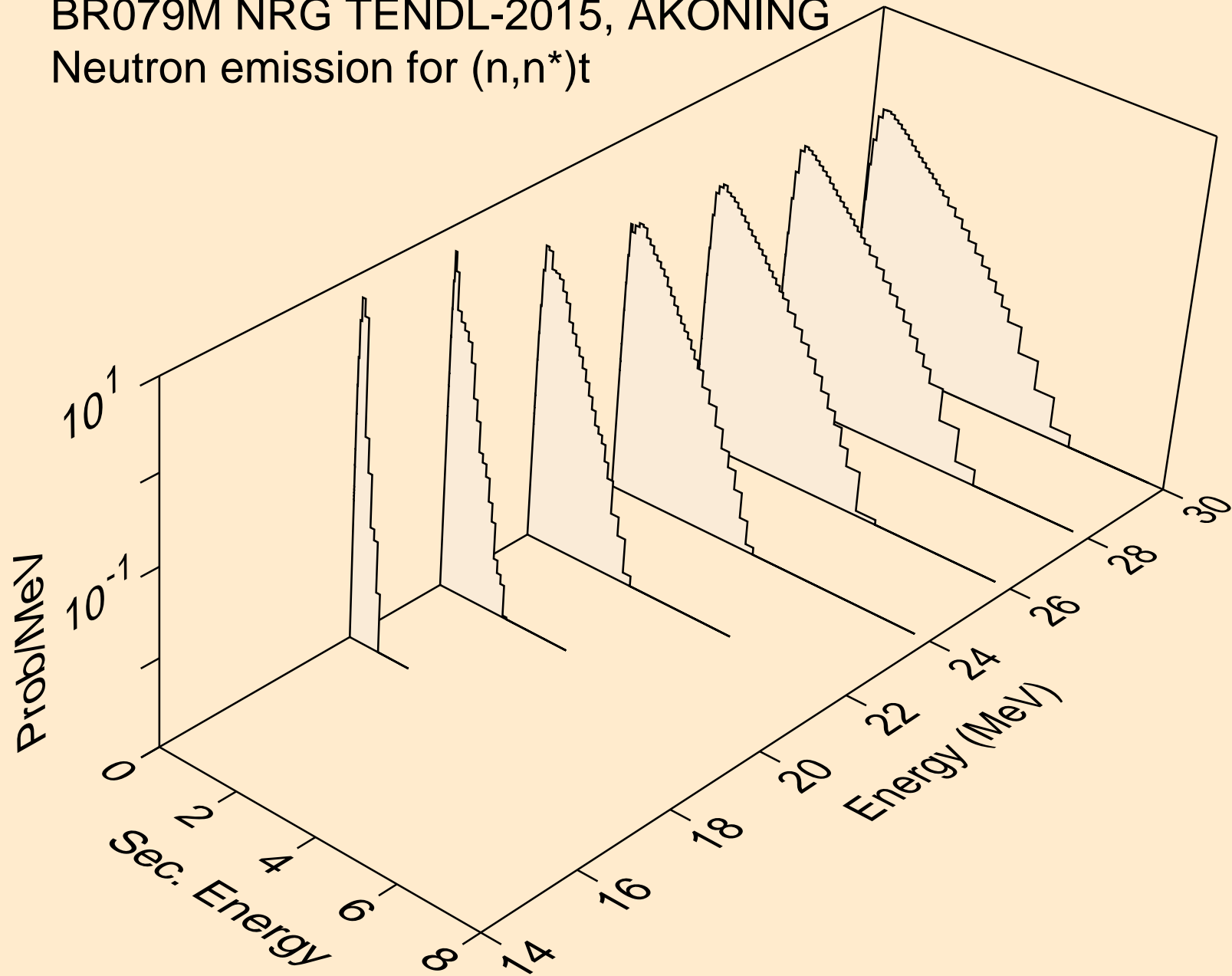
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



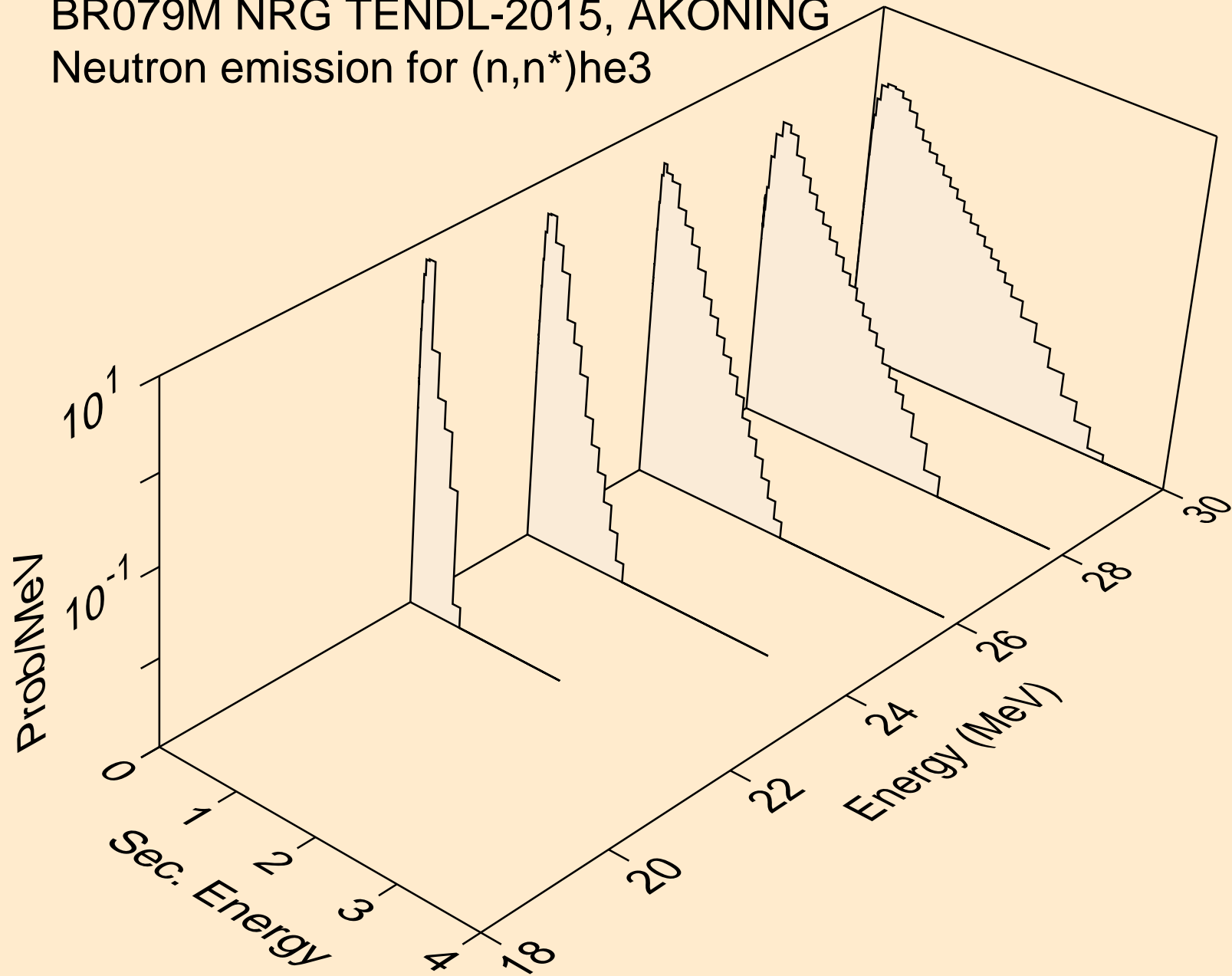
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Neutron emission for (n,n\*)d



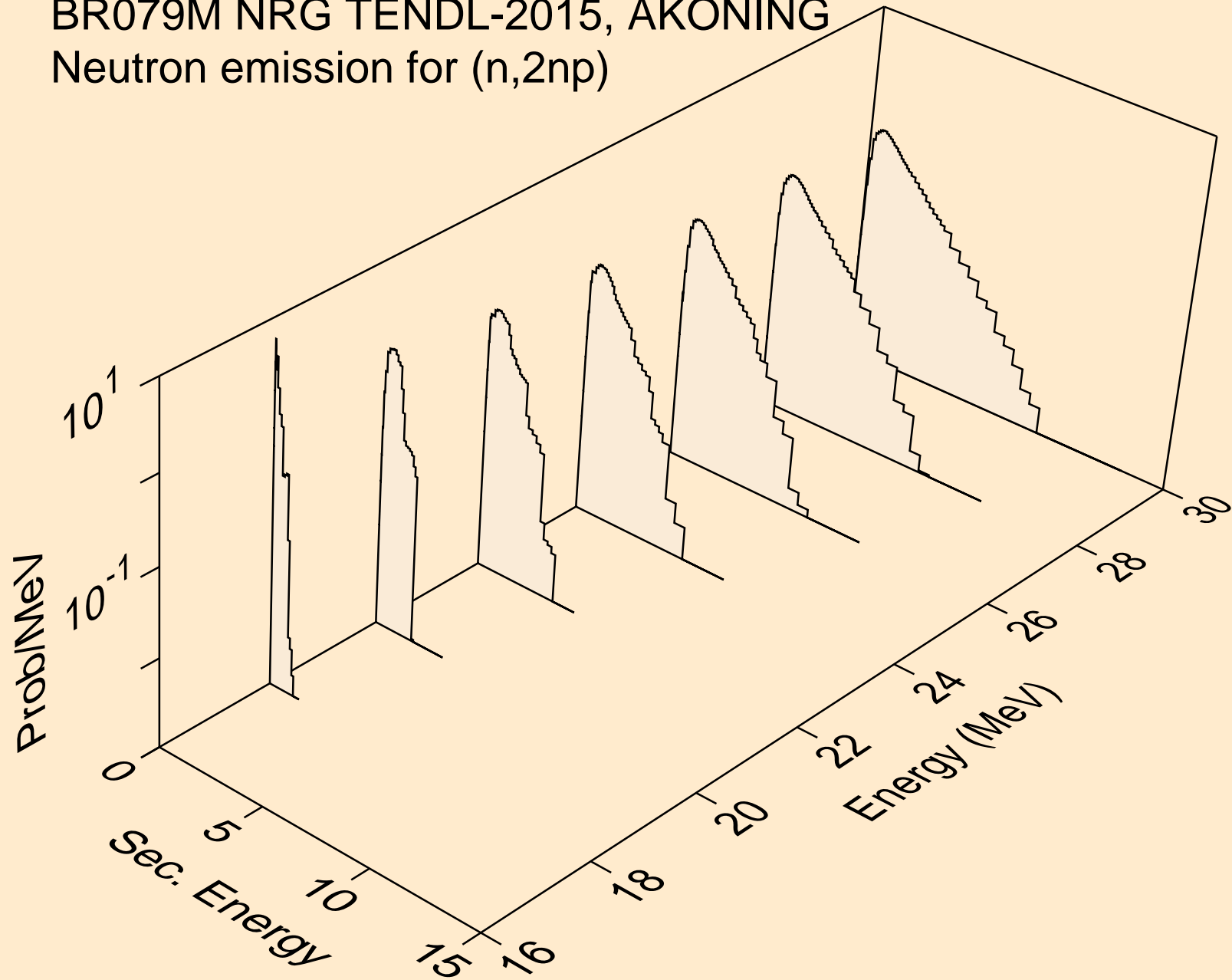
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Neutron emission for (n,n\*)t



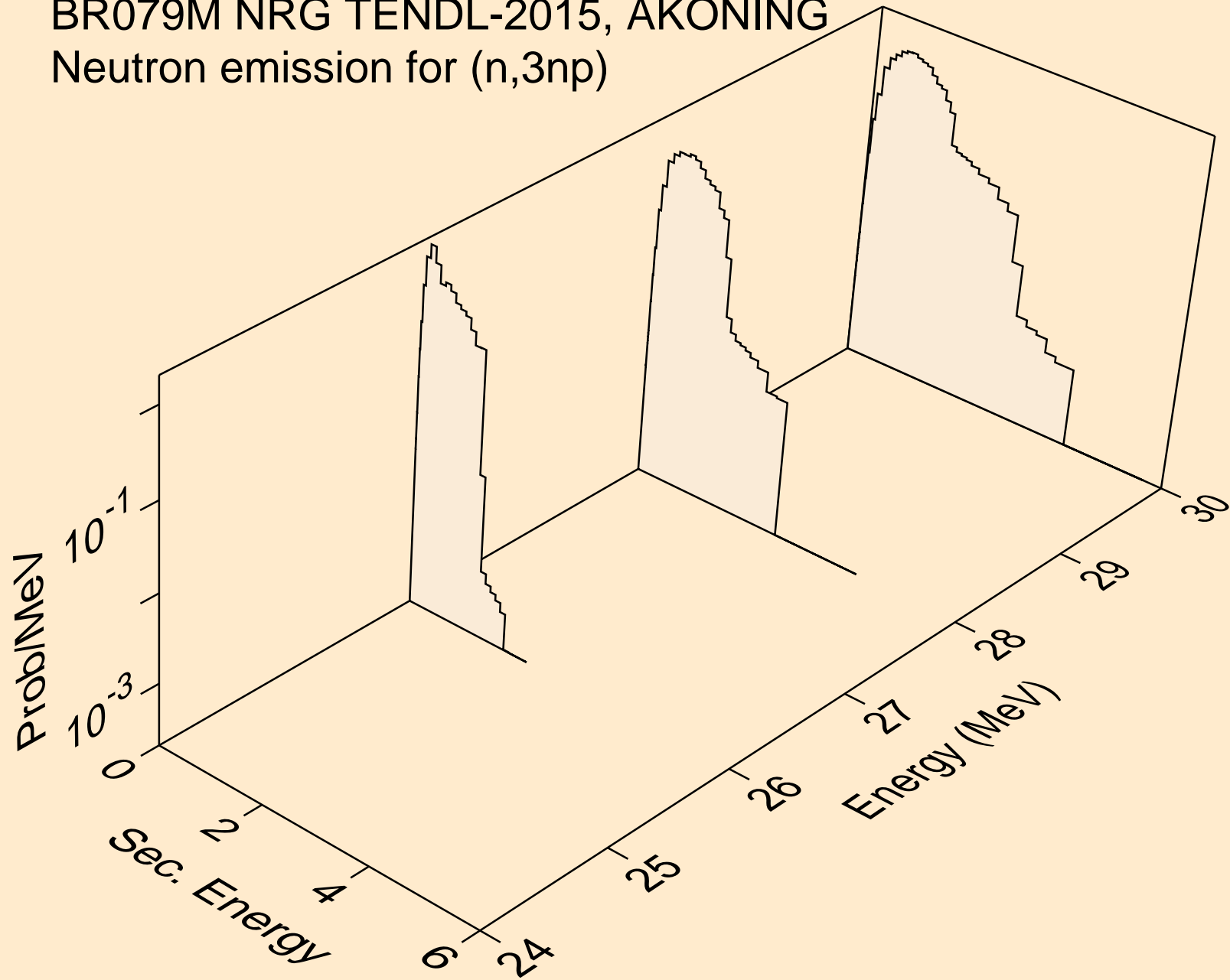
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



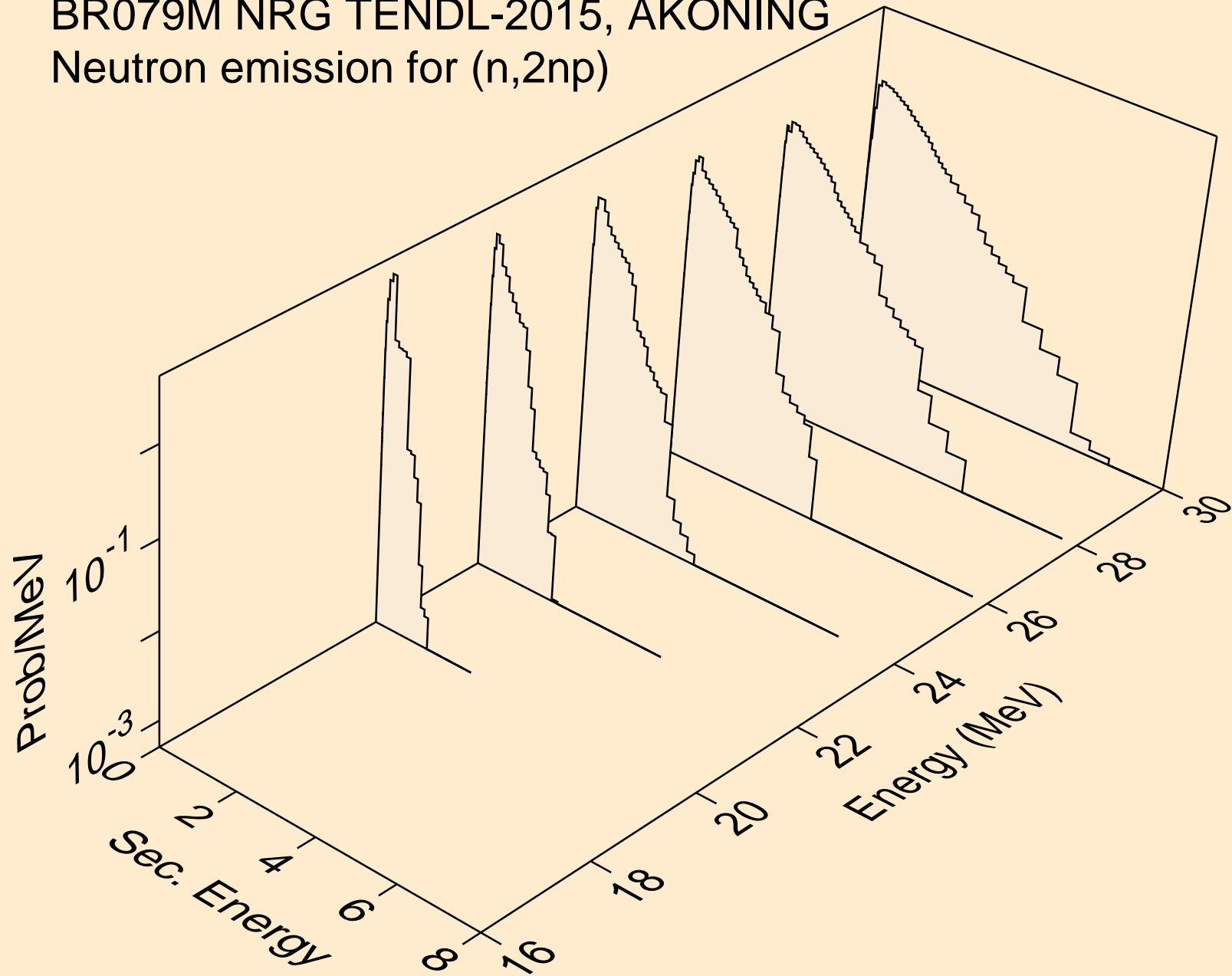
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



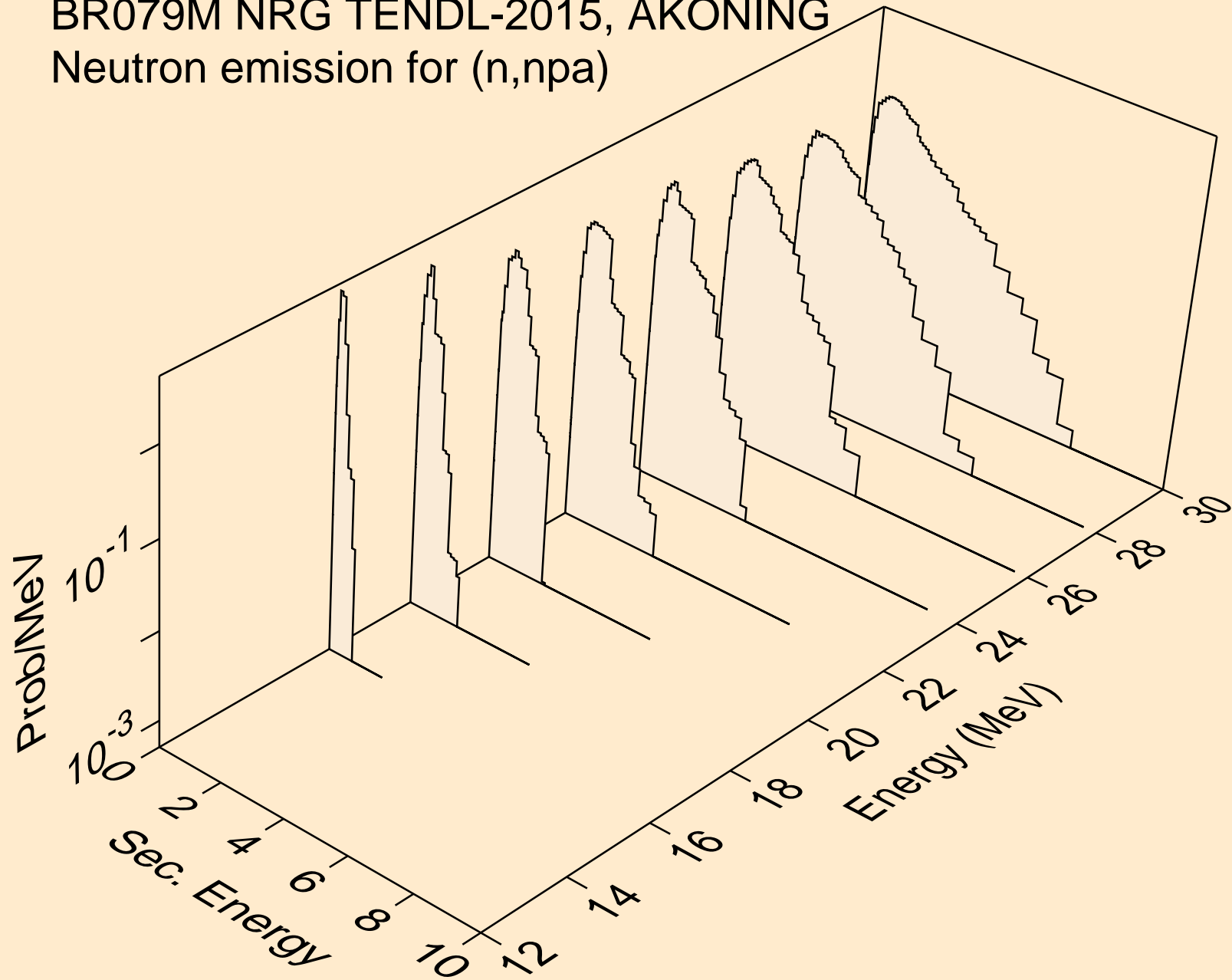
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

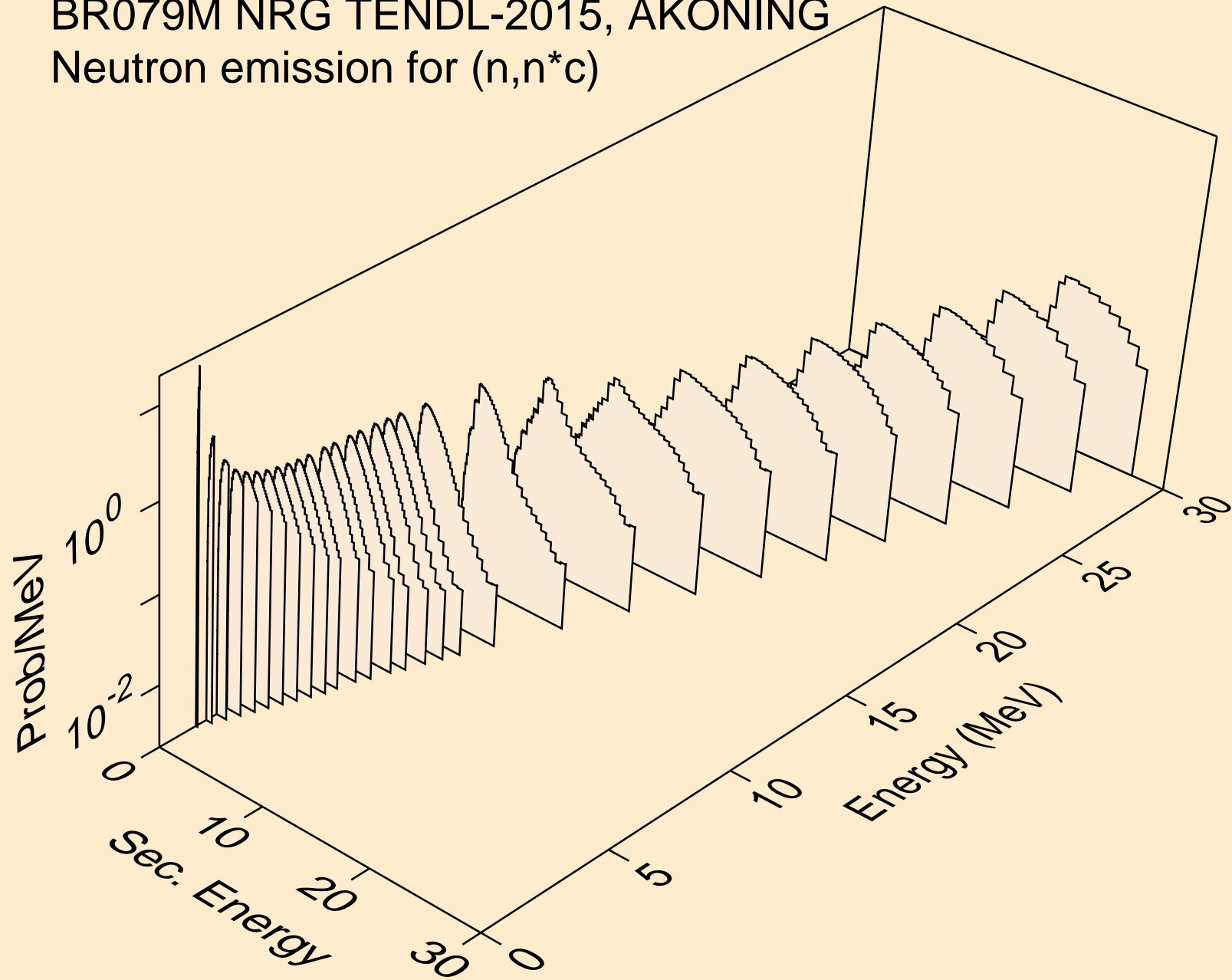


BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

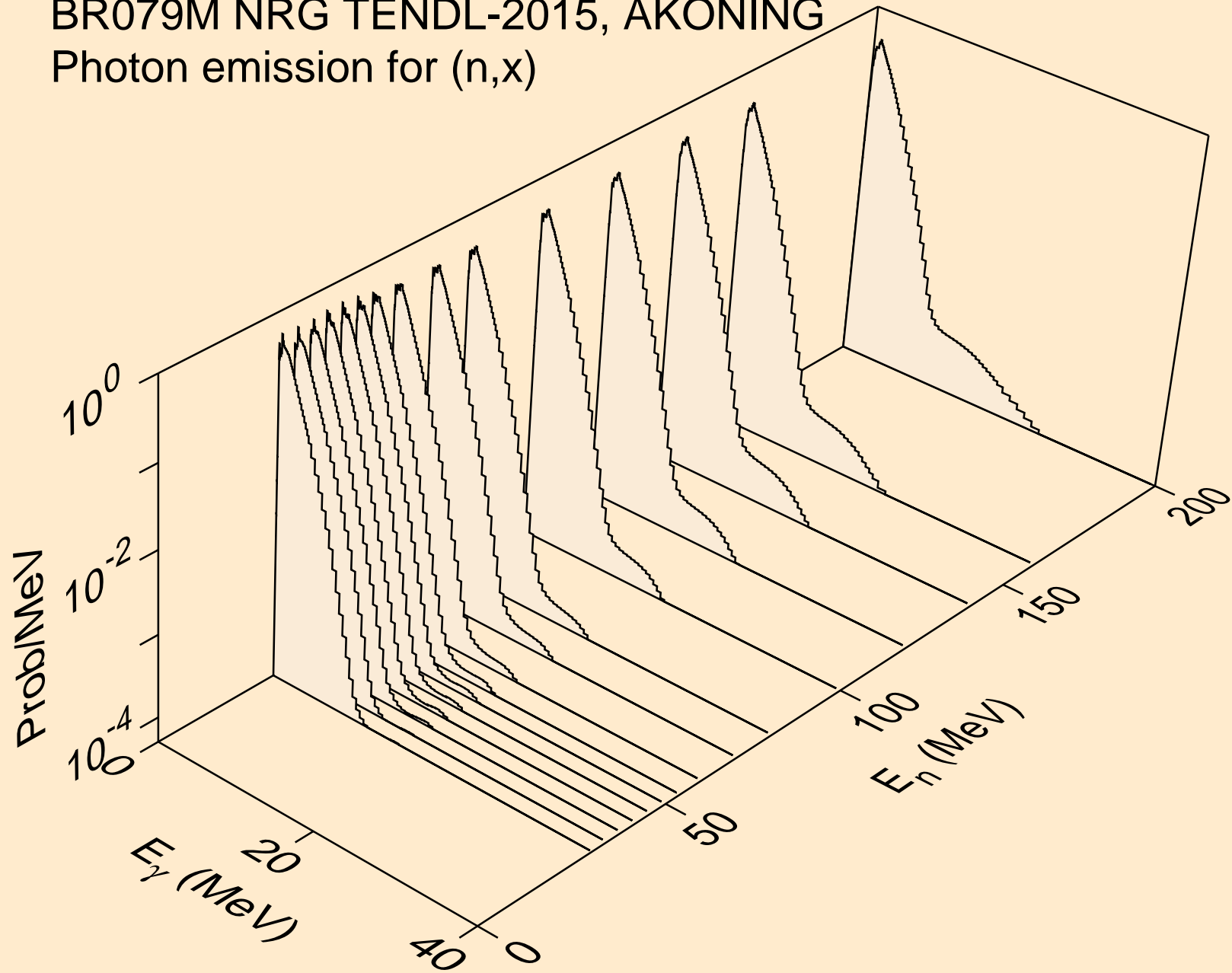




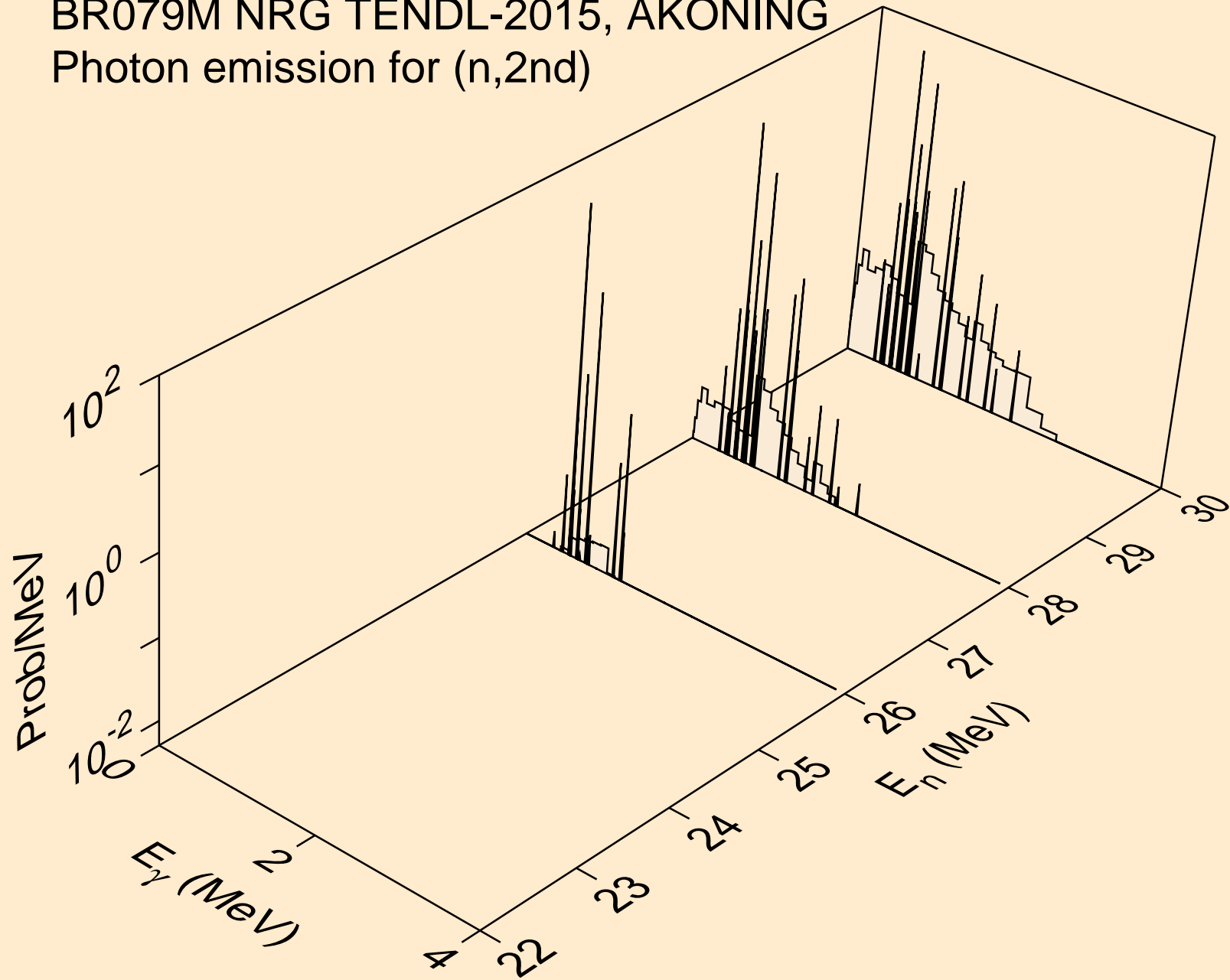
BR079M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



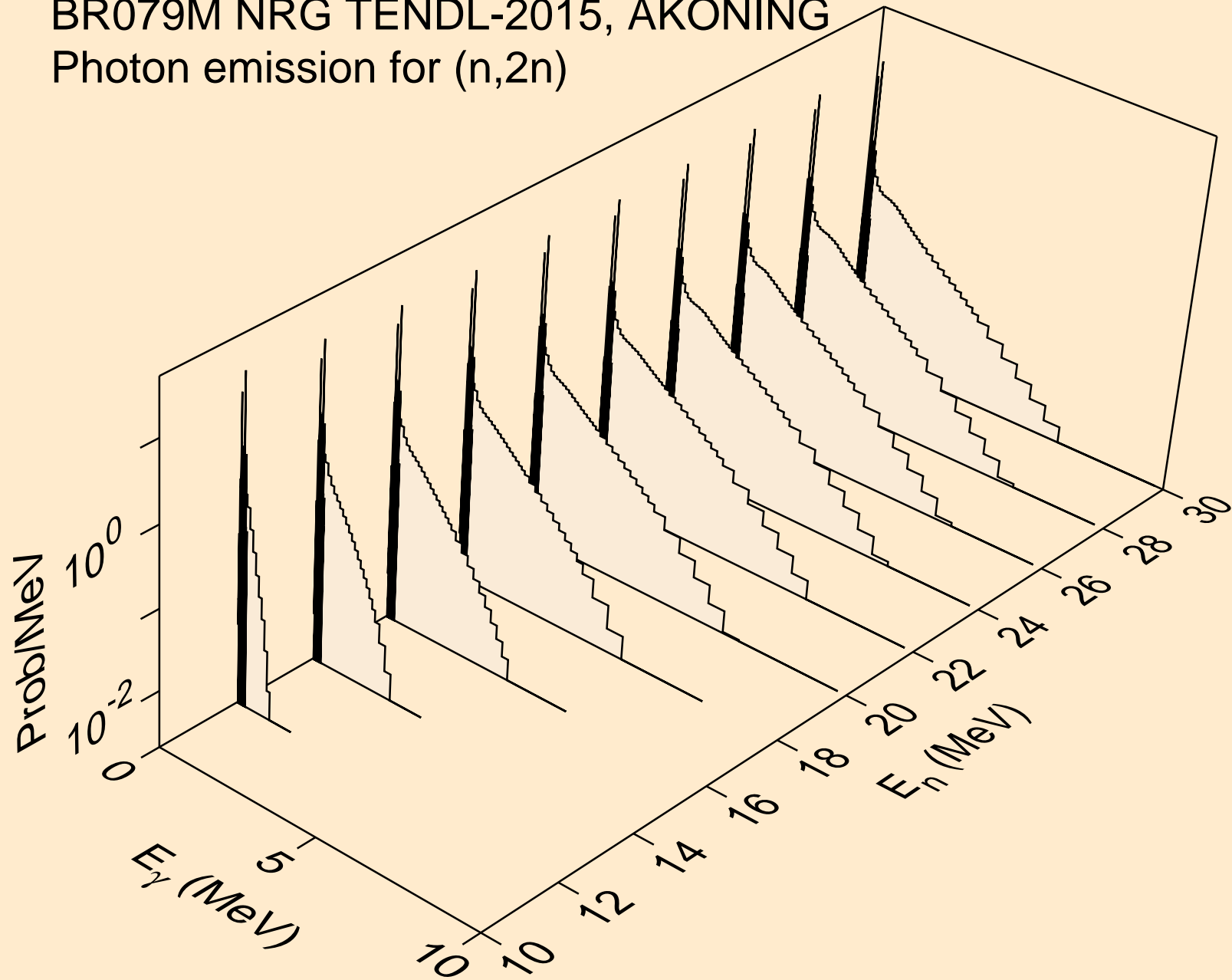
BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



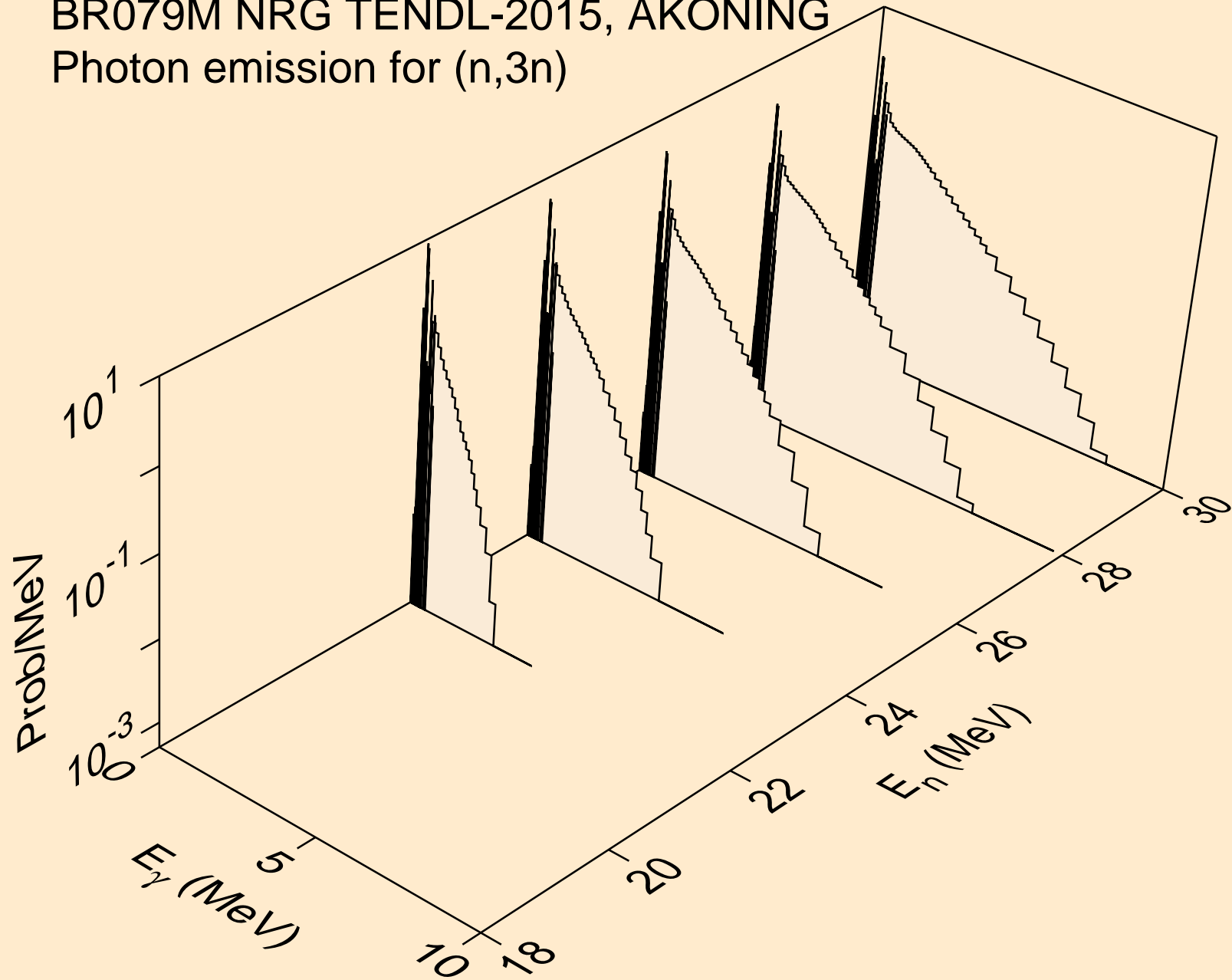
BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



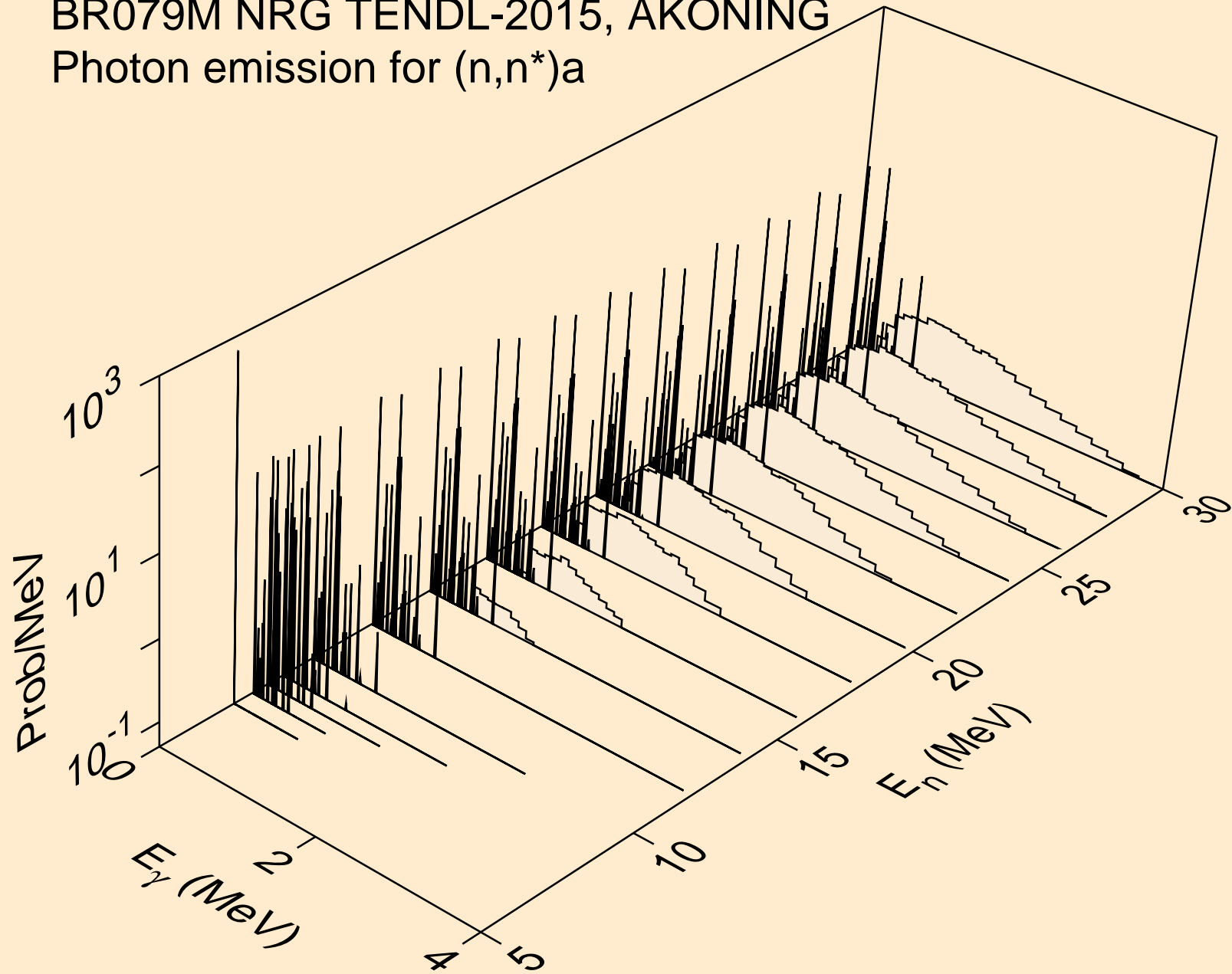
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Photon emission for (n,2n)



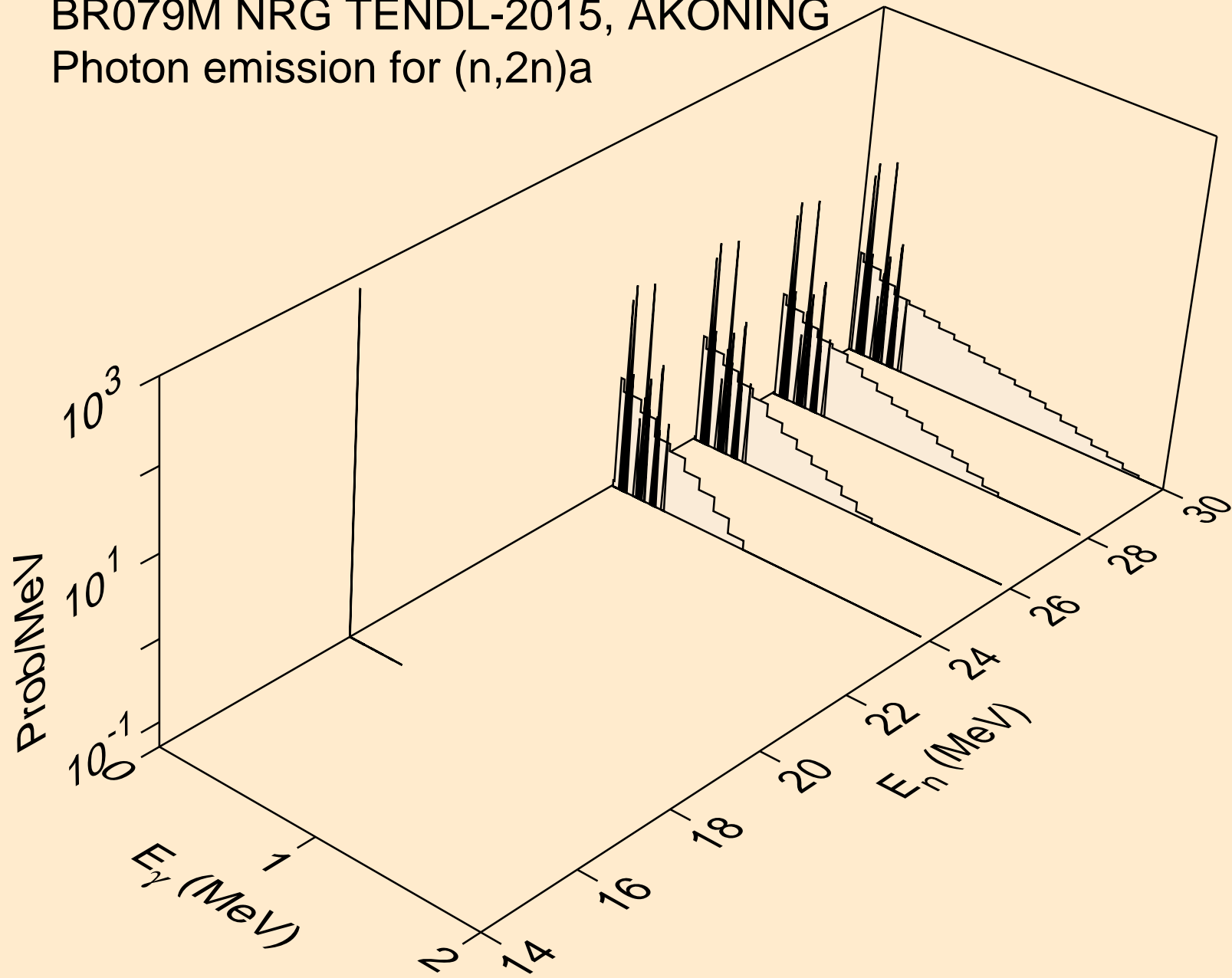
BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



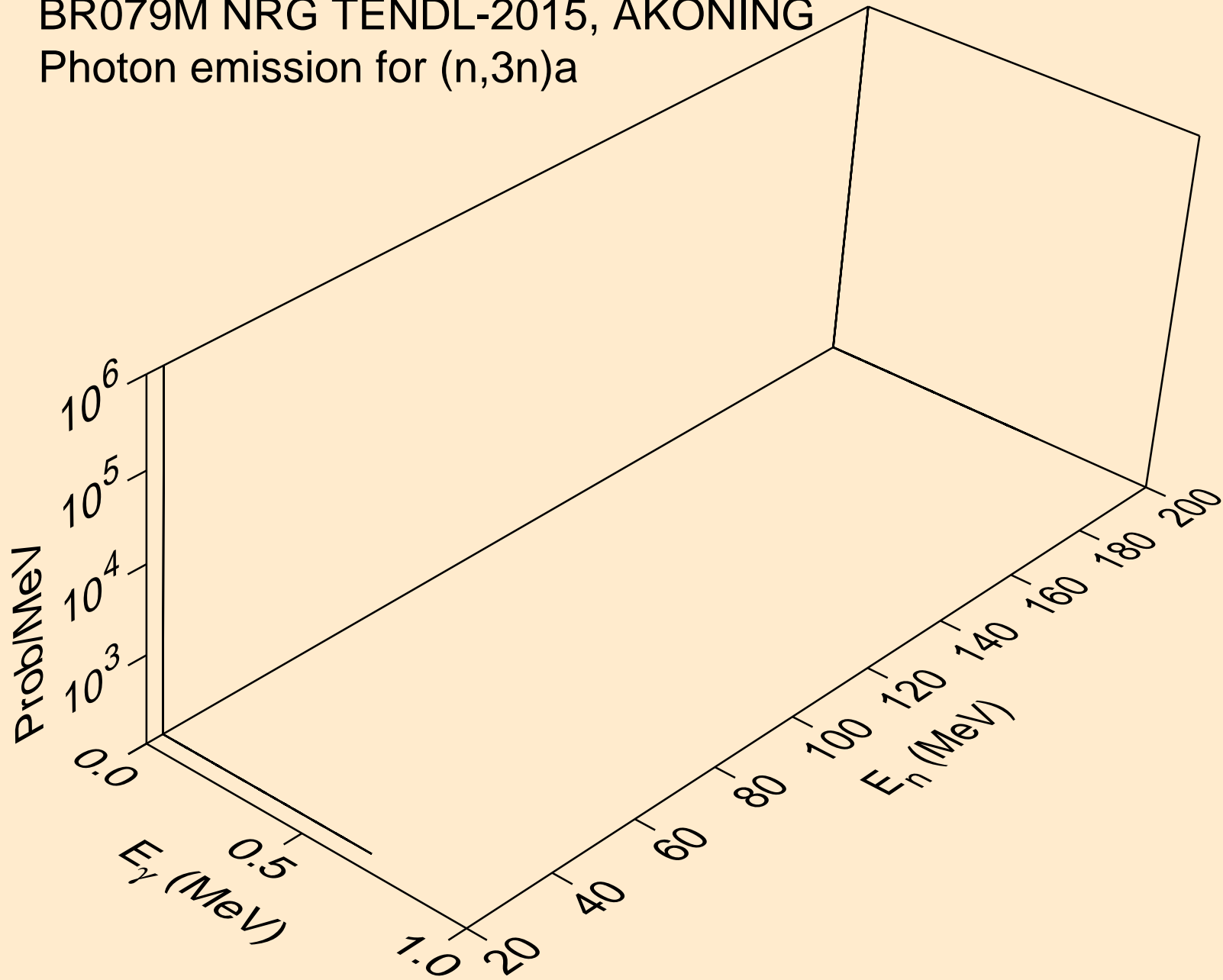
BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

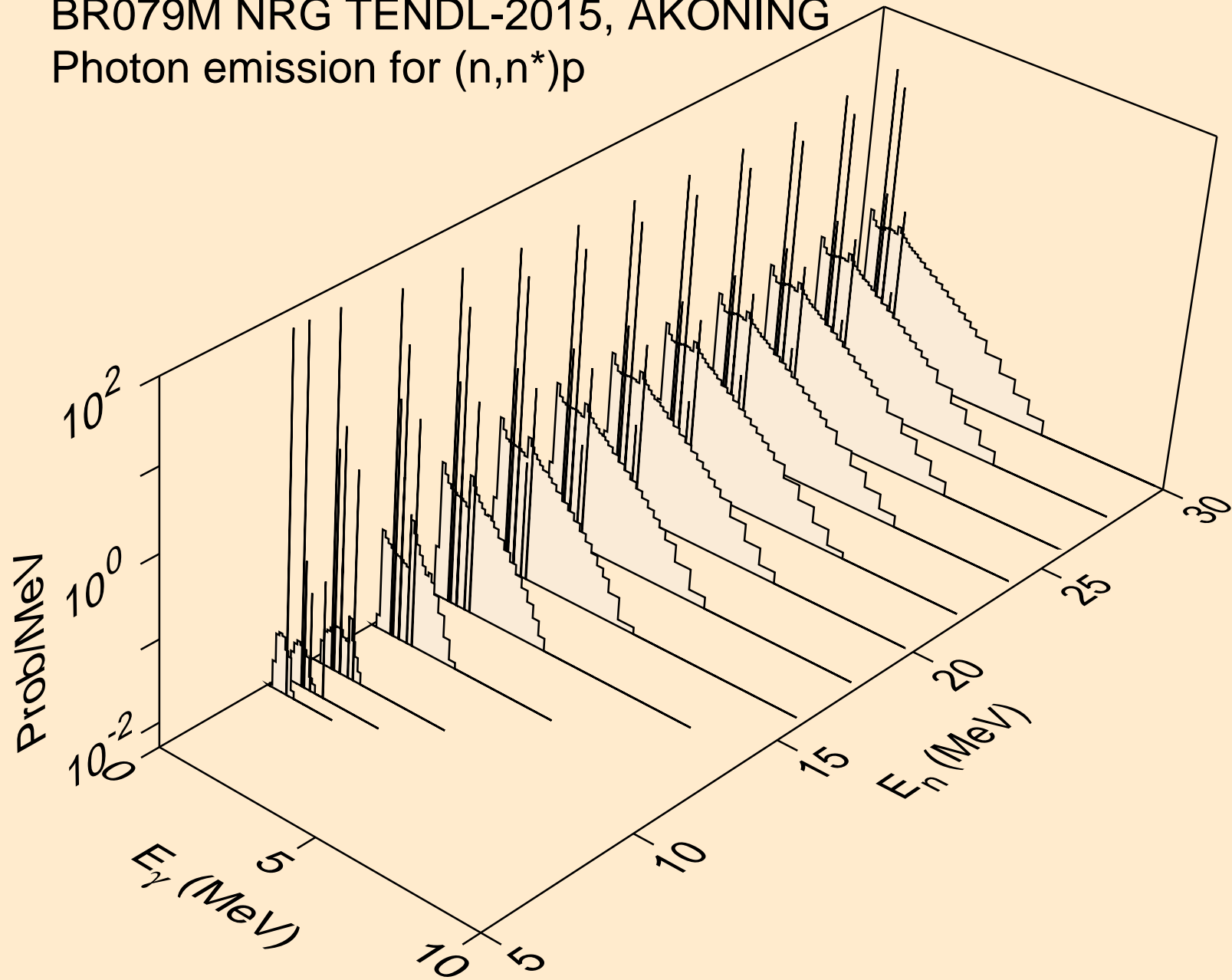


BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

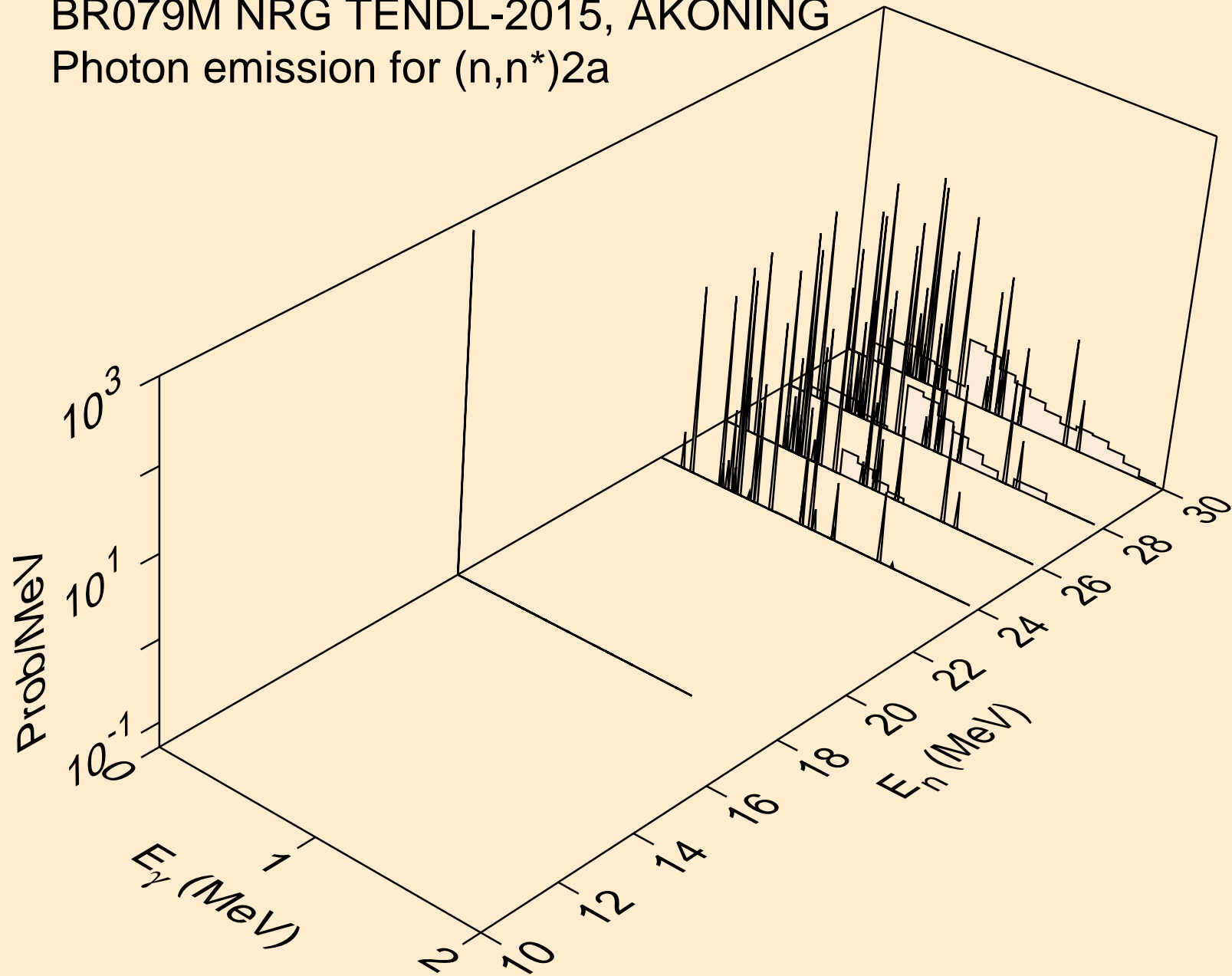




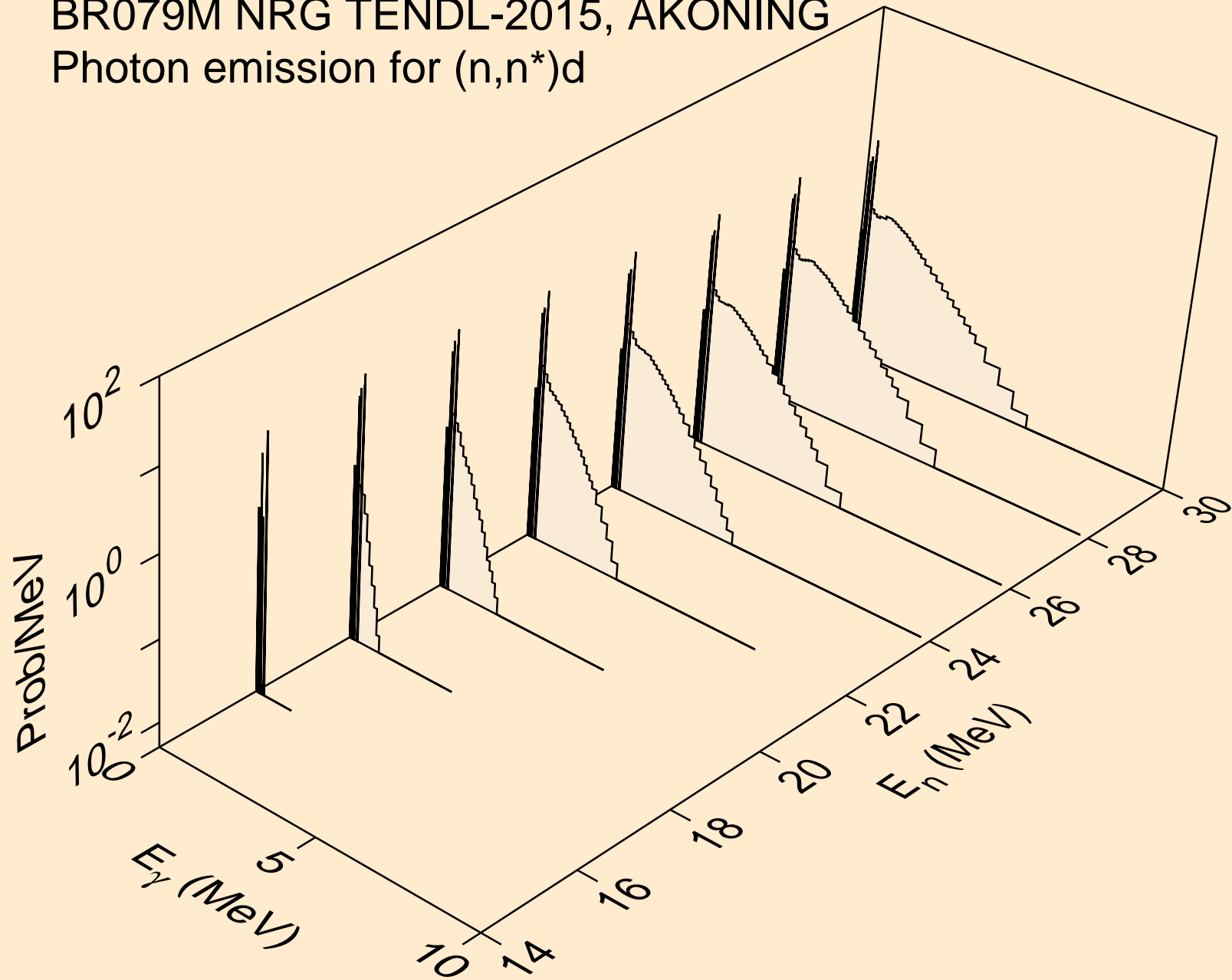
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Photon emission for (n,n\*)p



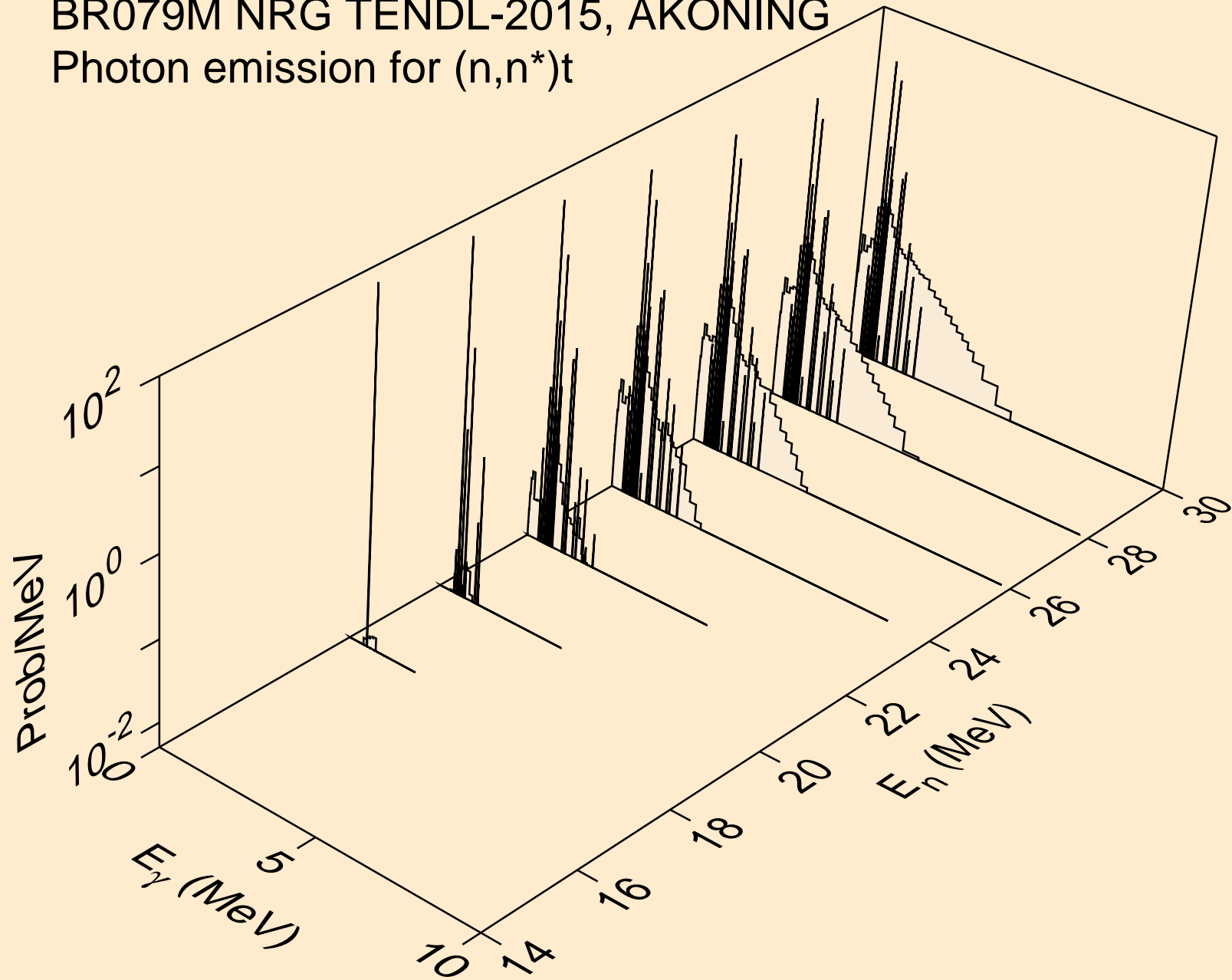
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Photon emission for (n,n\*)2a



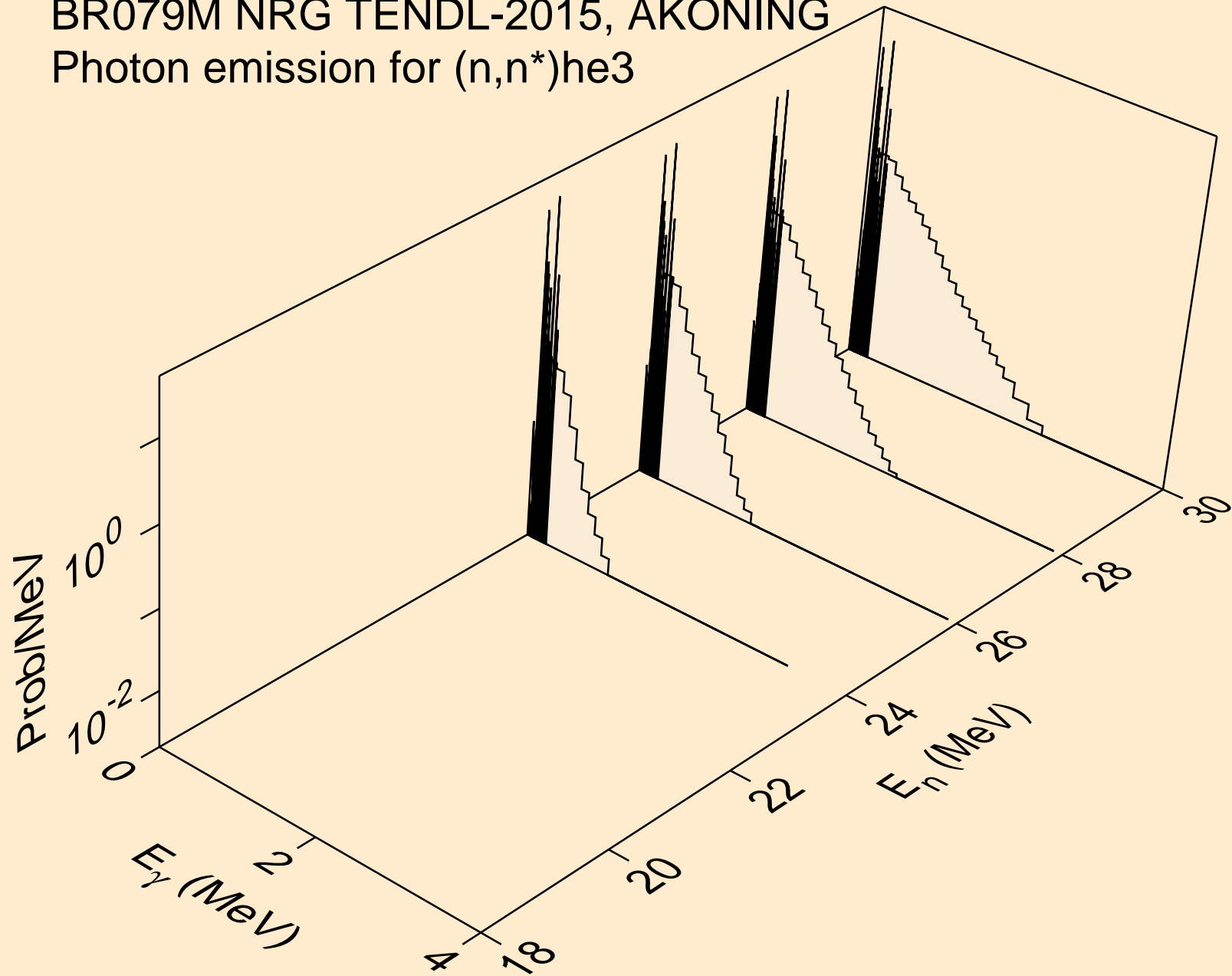
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Photon emission for (n,n\*)d



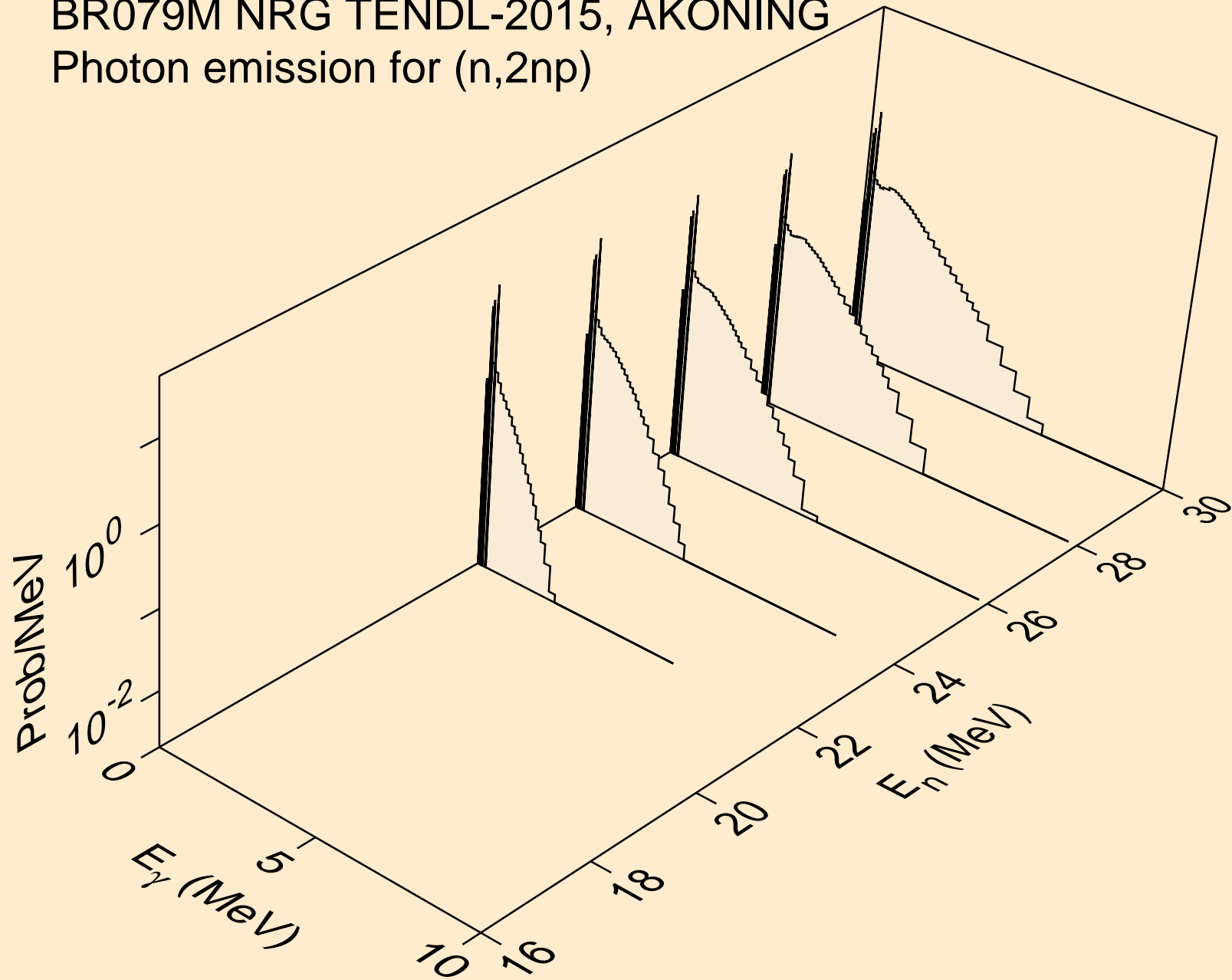
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Photon emission for (n,n\*)t



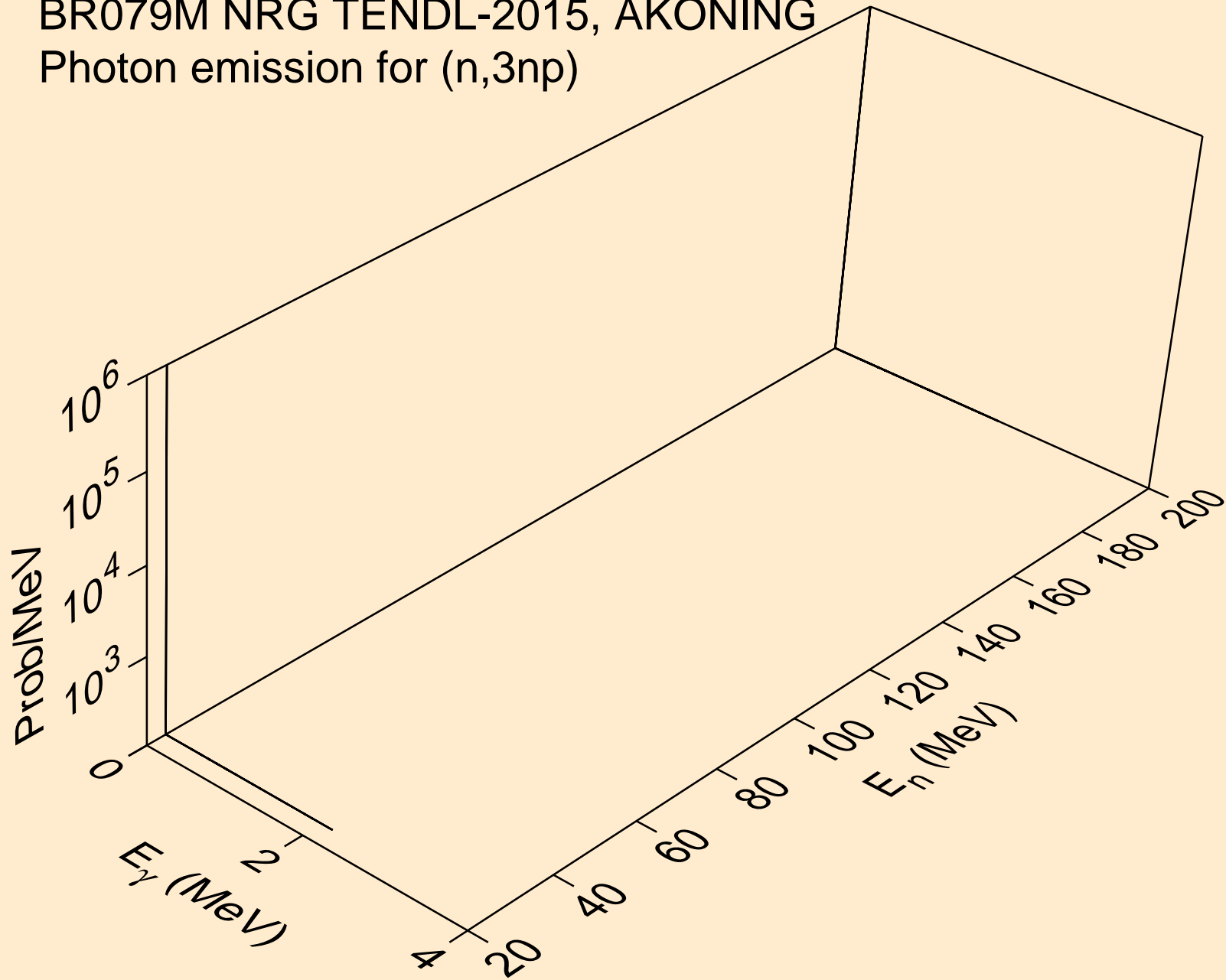
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Photon emission for (n,n\*)he3



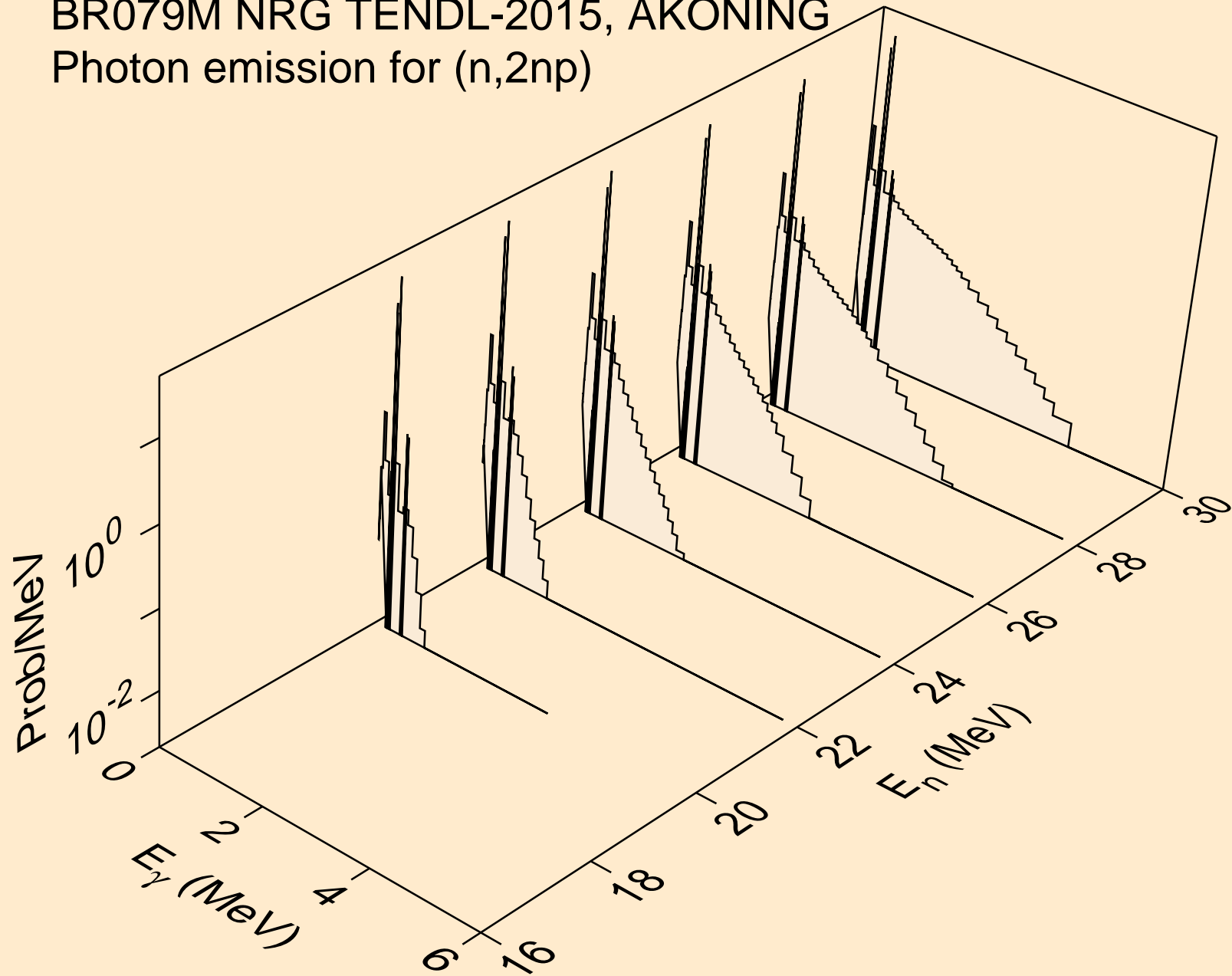
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Photon emission for (n,2np)



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Photon emission for (n,3np)

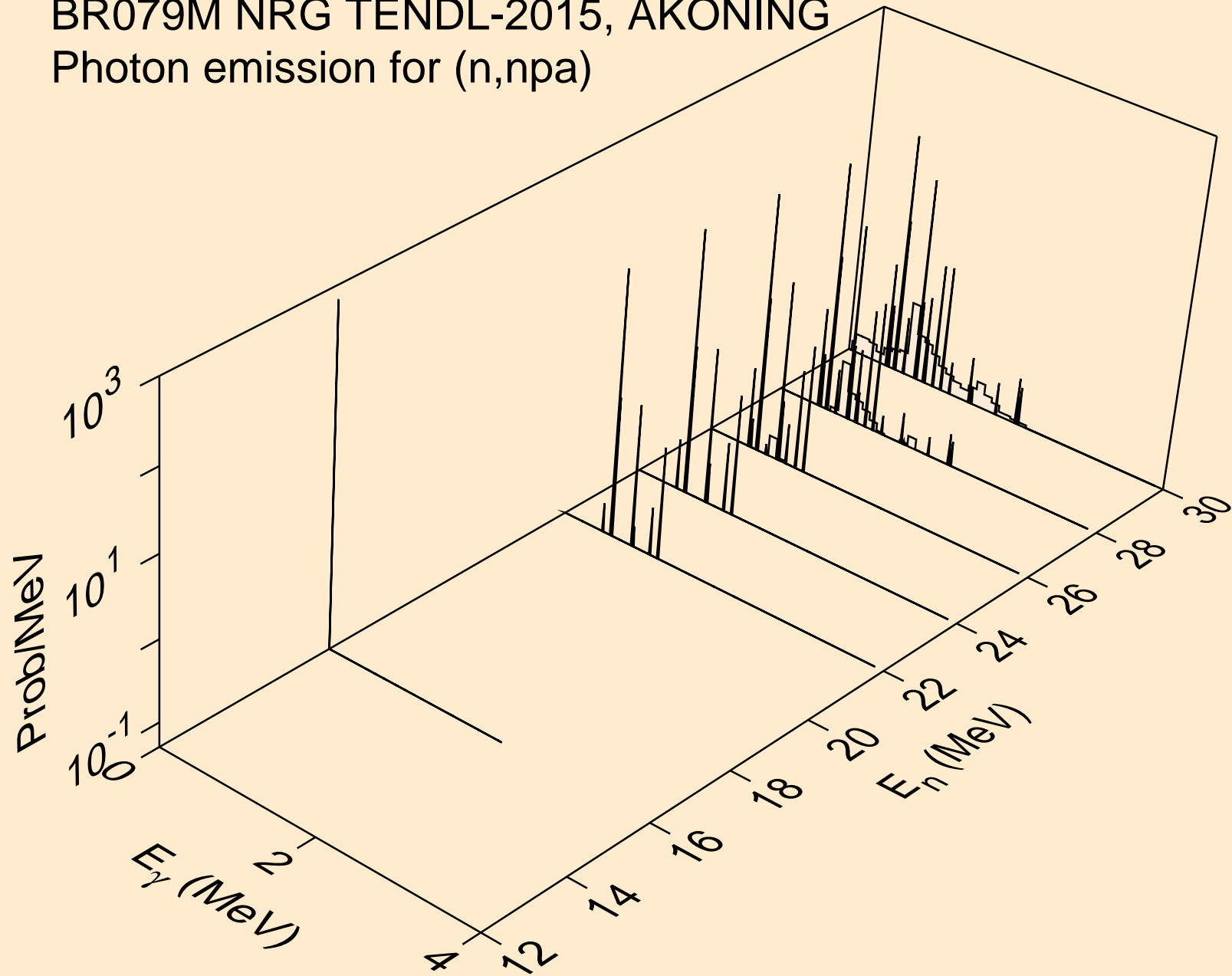


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Photon emission for (n,2np)

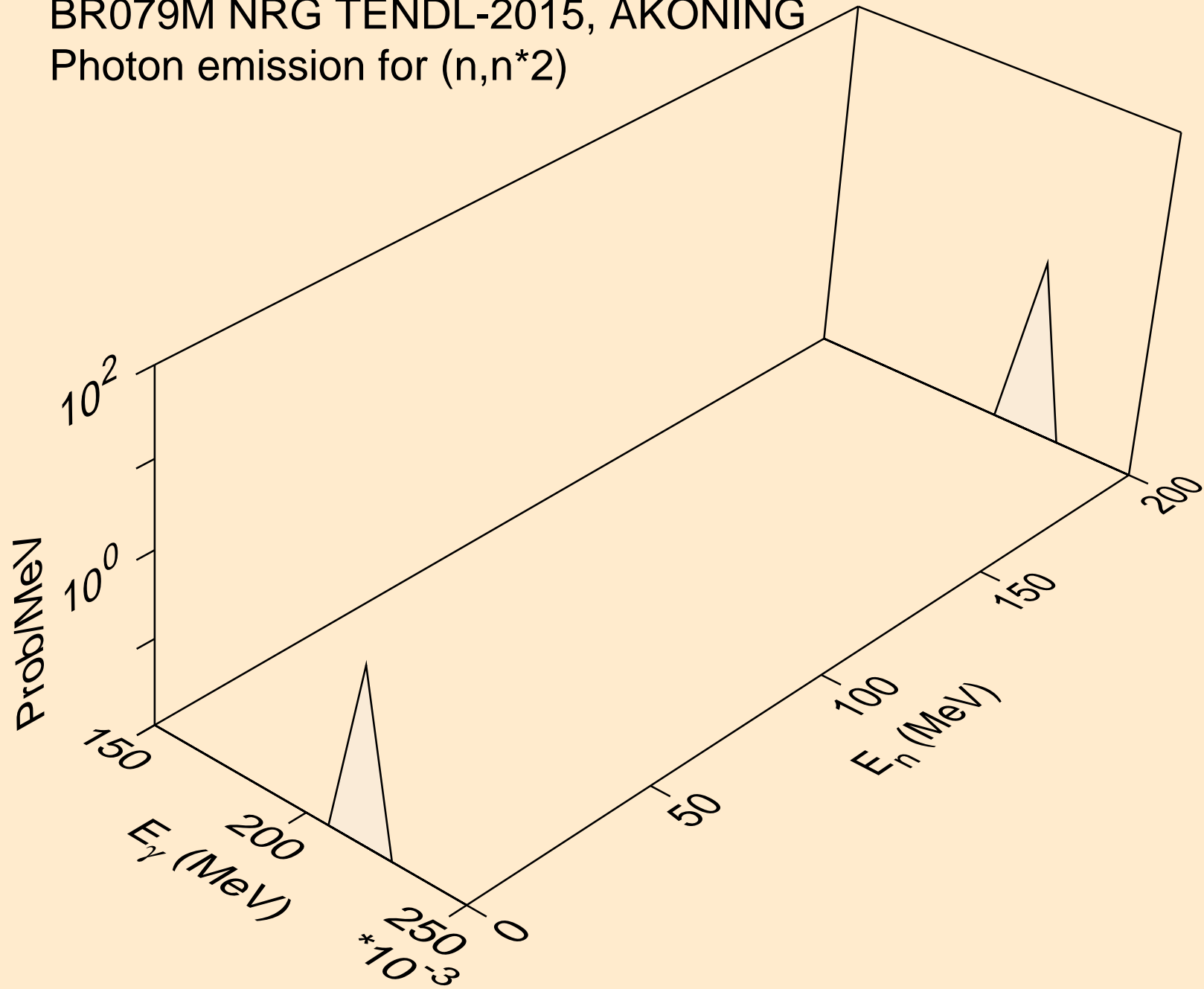




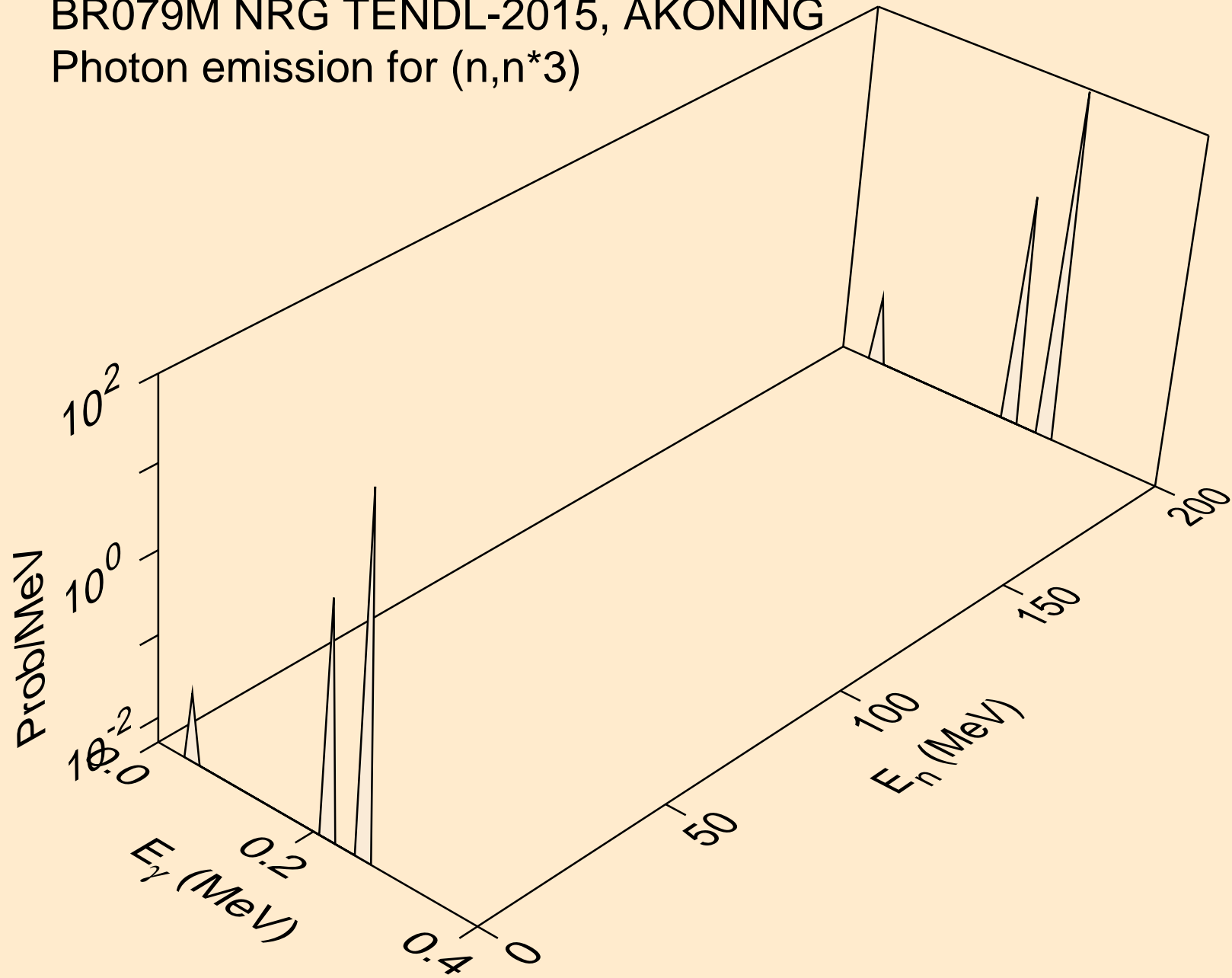
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Photon emission for (n,npa)



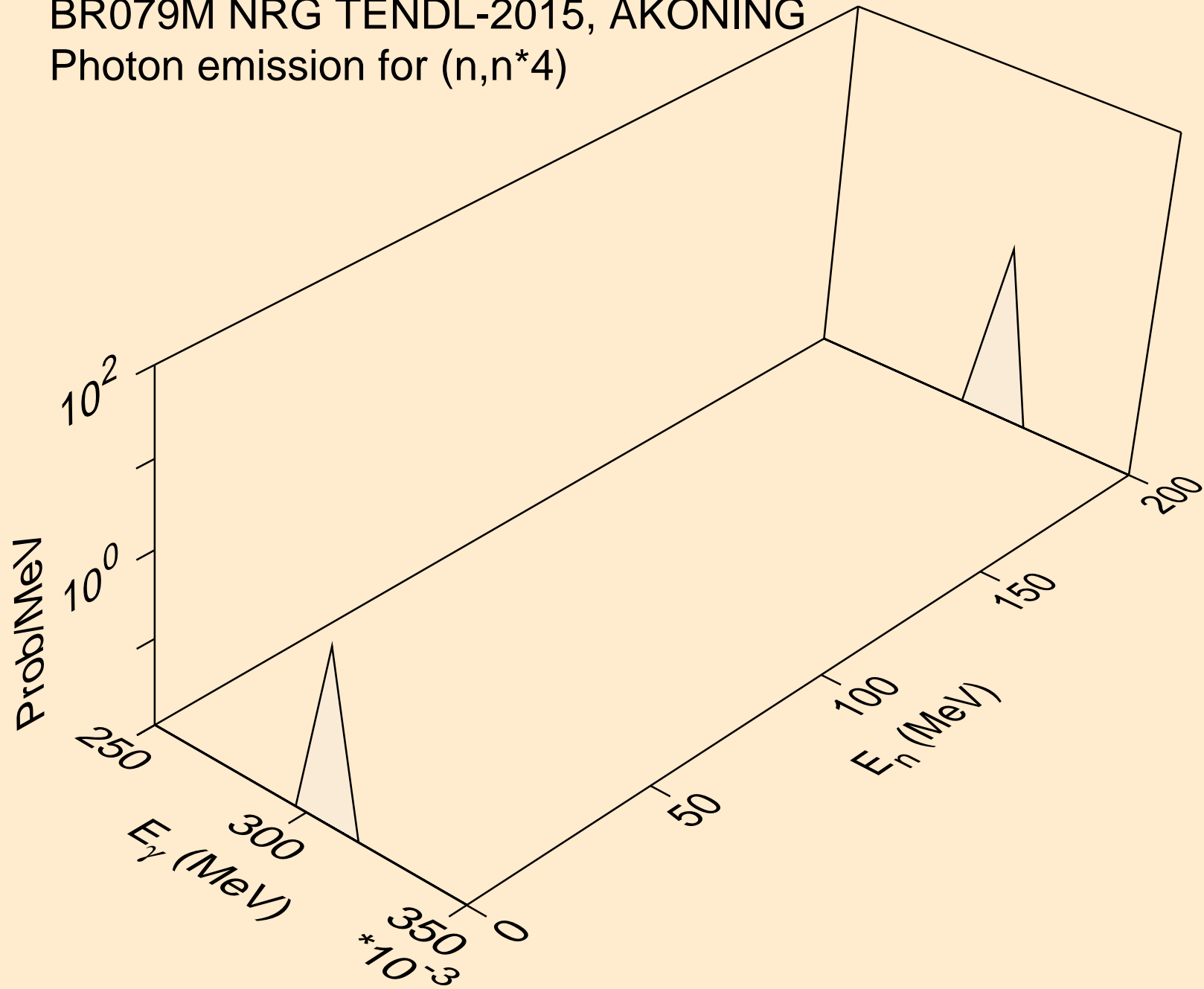
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Photon emission for (n,n\*2)



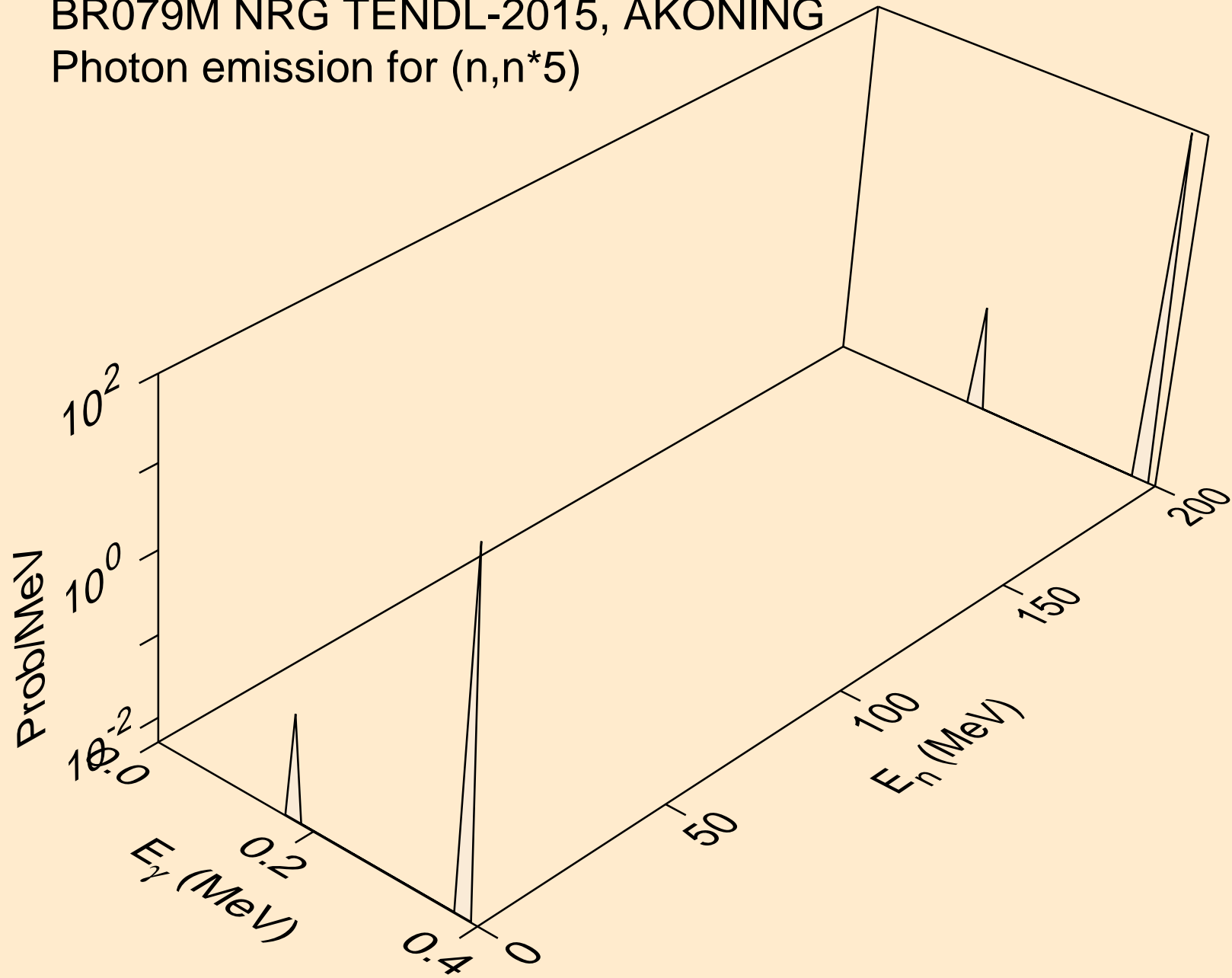
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Photon emission for (n,n\*3)



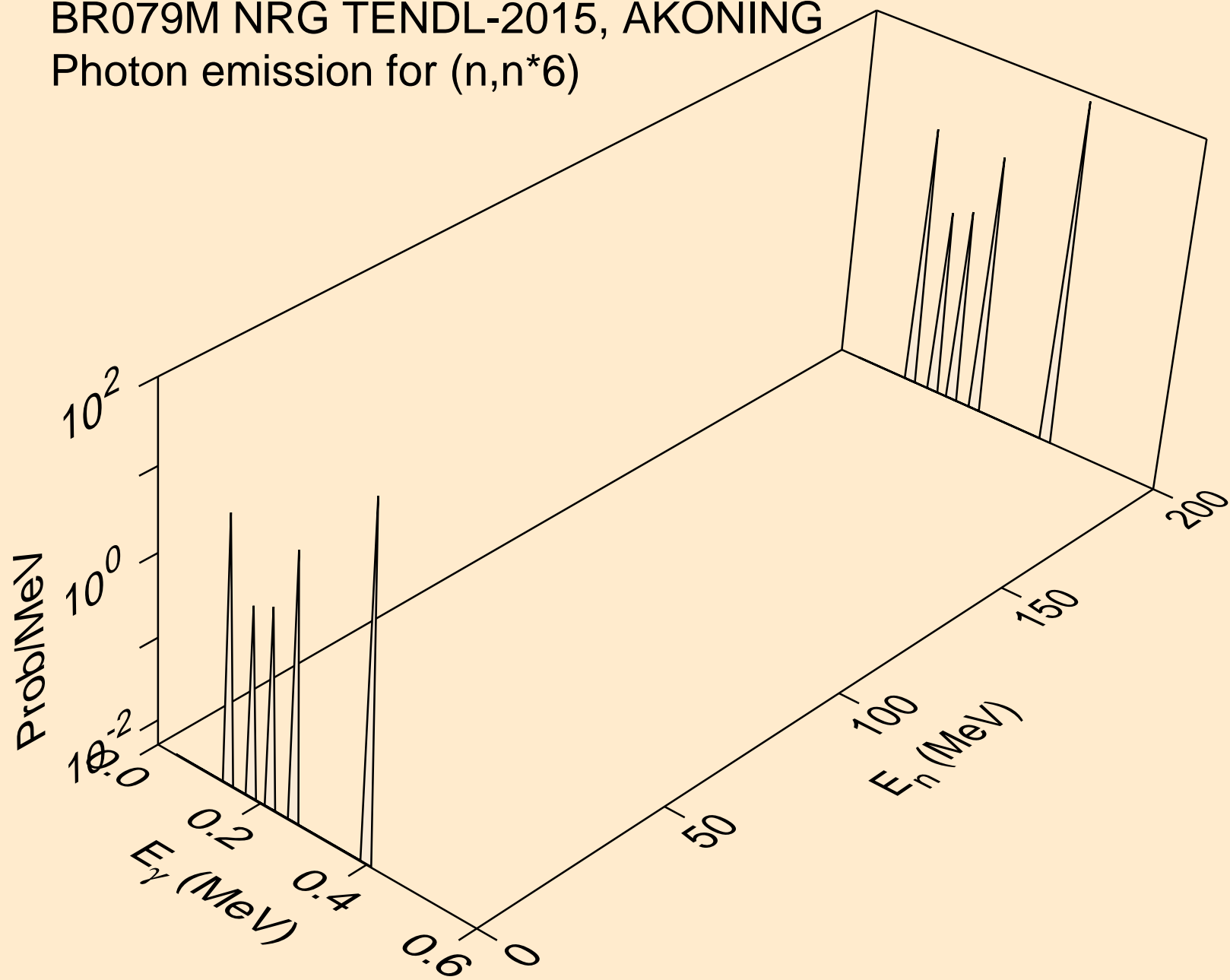
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Photon emission for (n,n\*4)



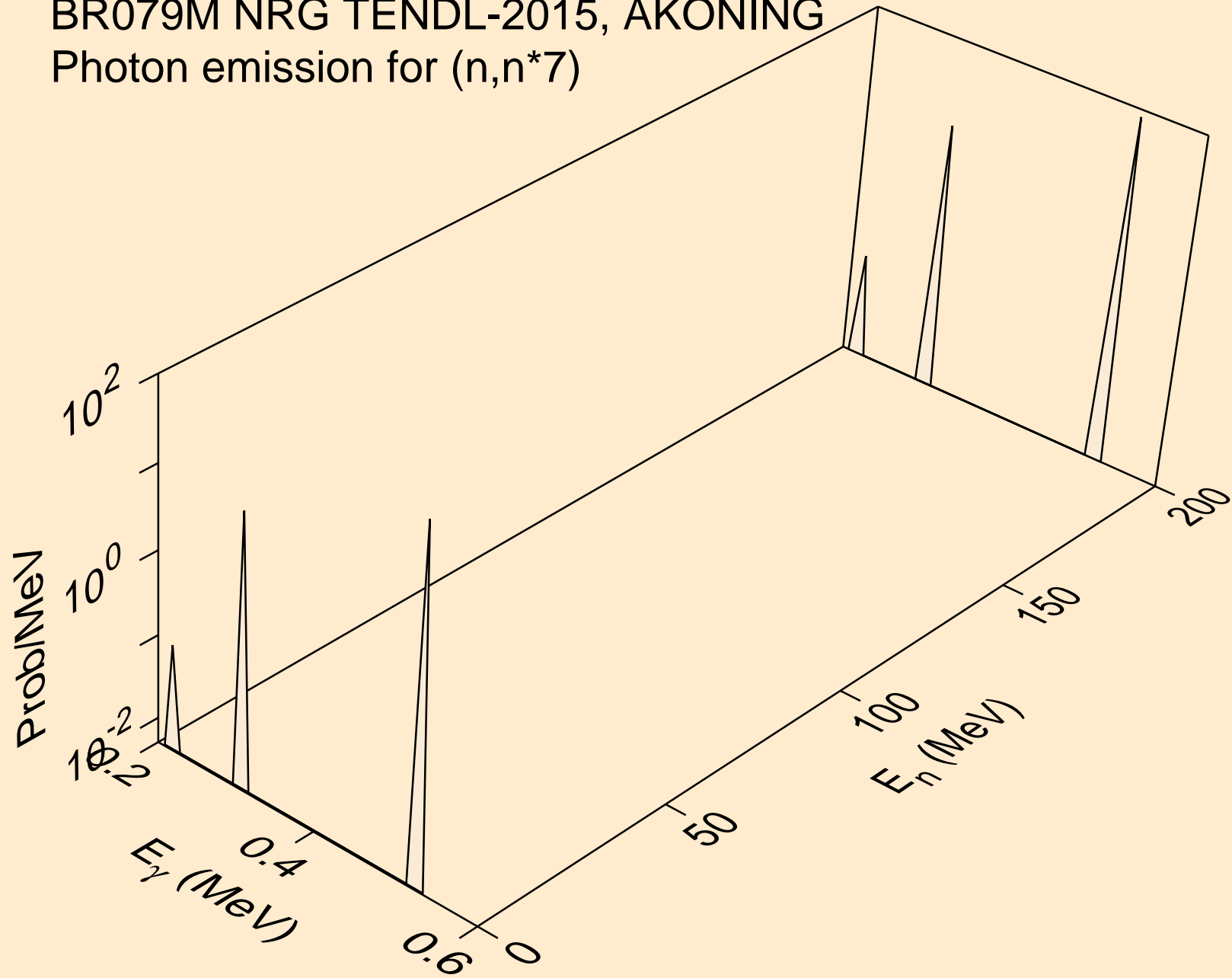
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Photon emission for (n,n\*5)



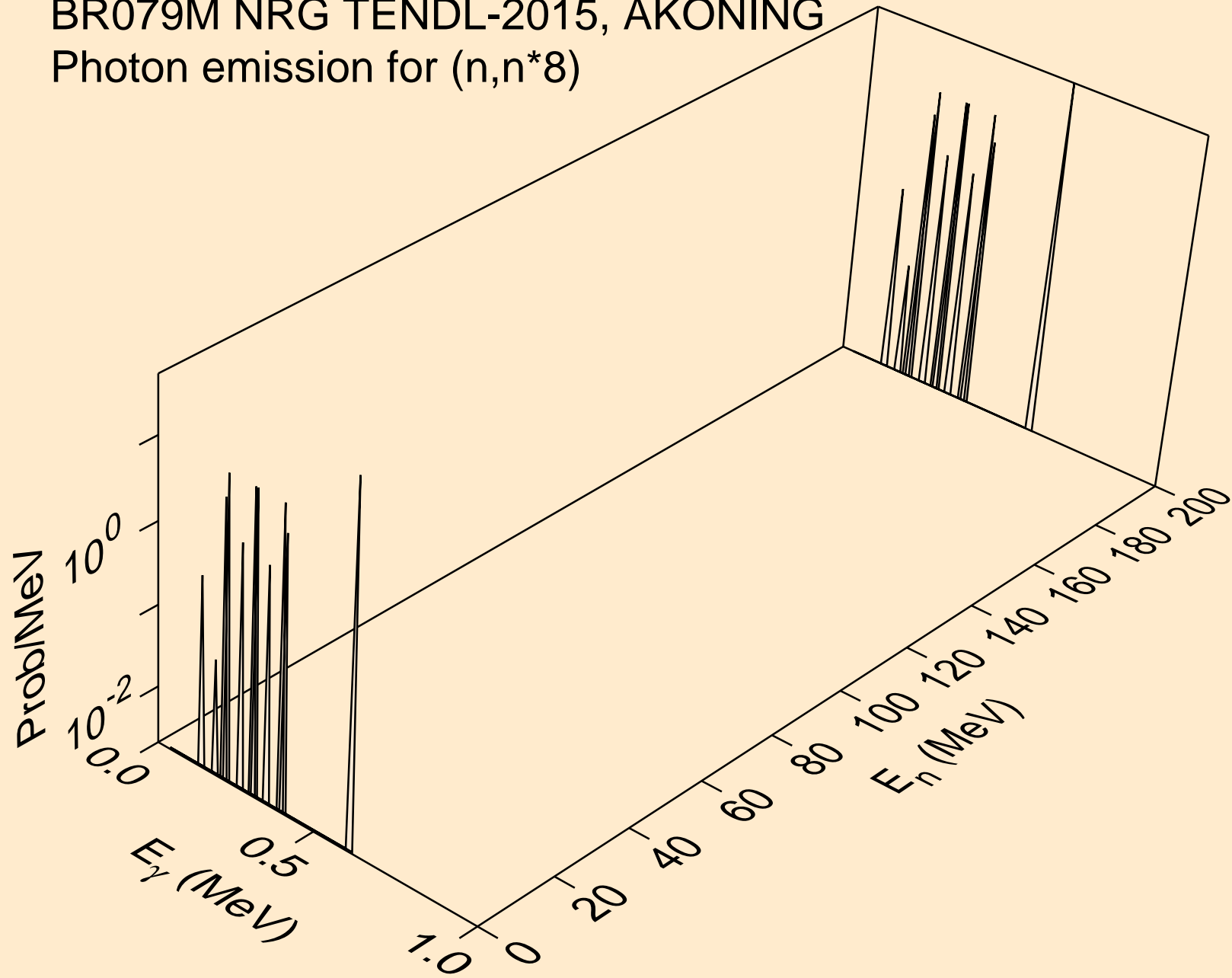
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Photon emission for (n,n\*6)



BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)

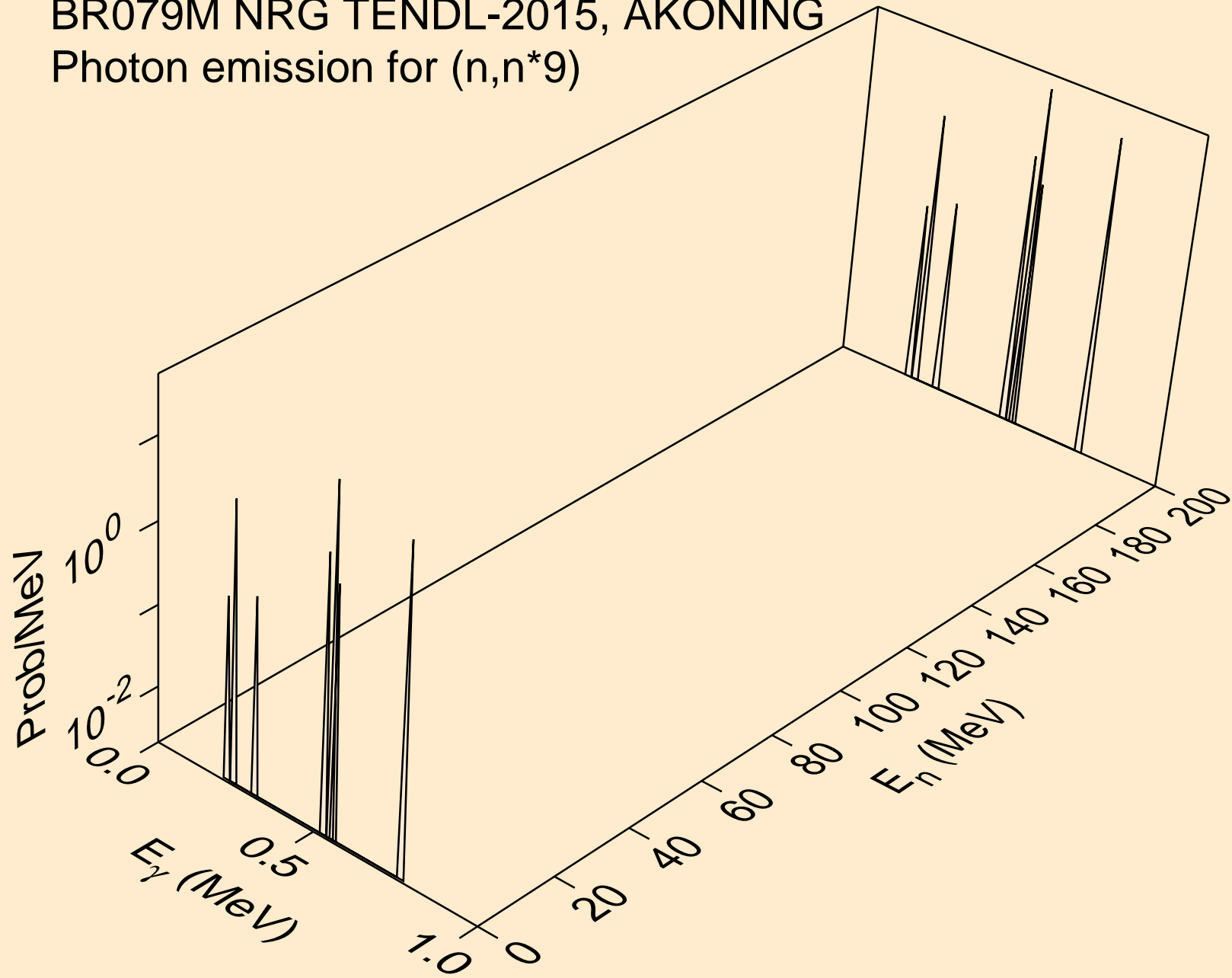


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Photon emission for (n,n\*8)

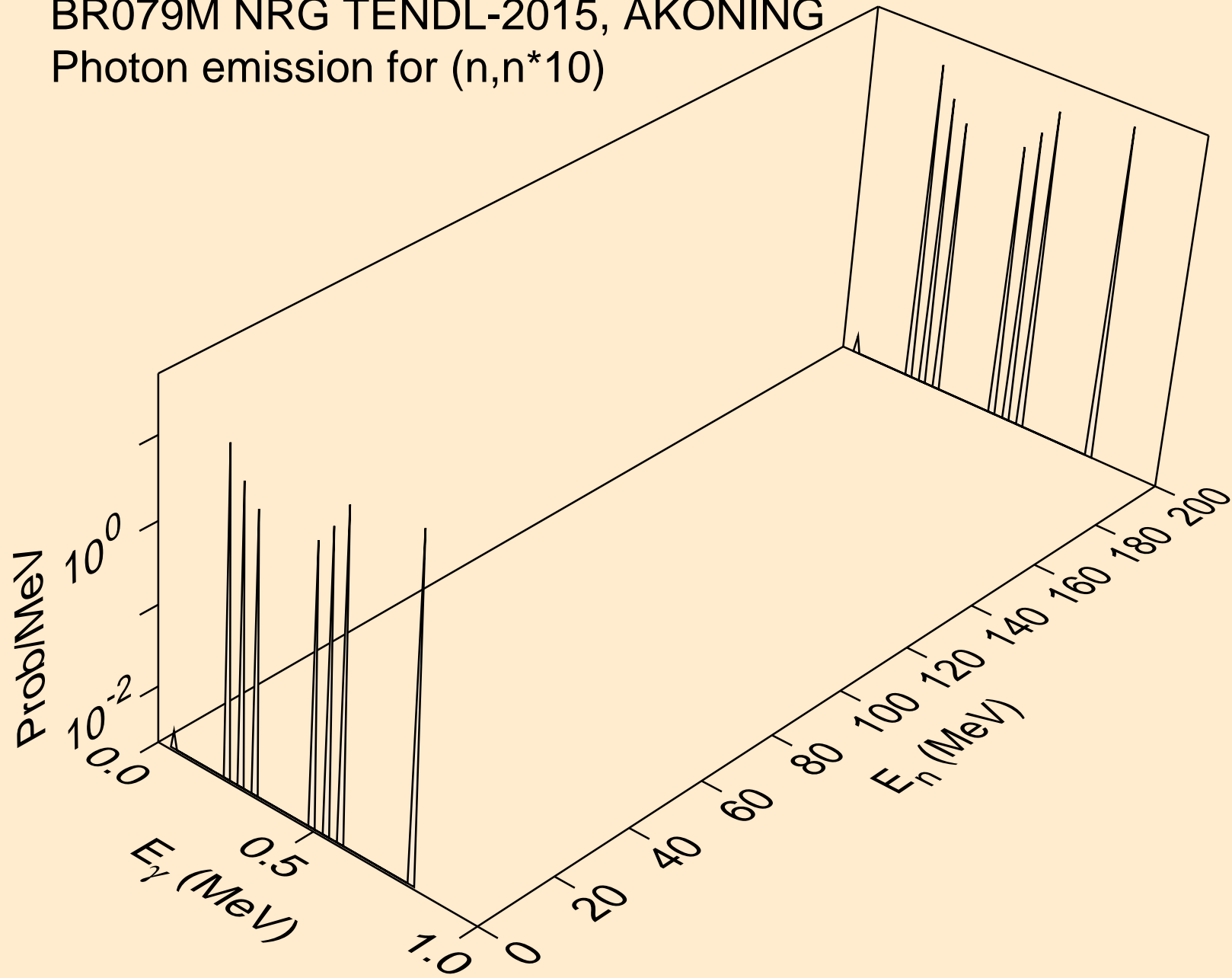




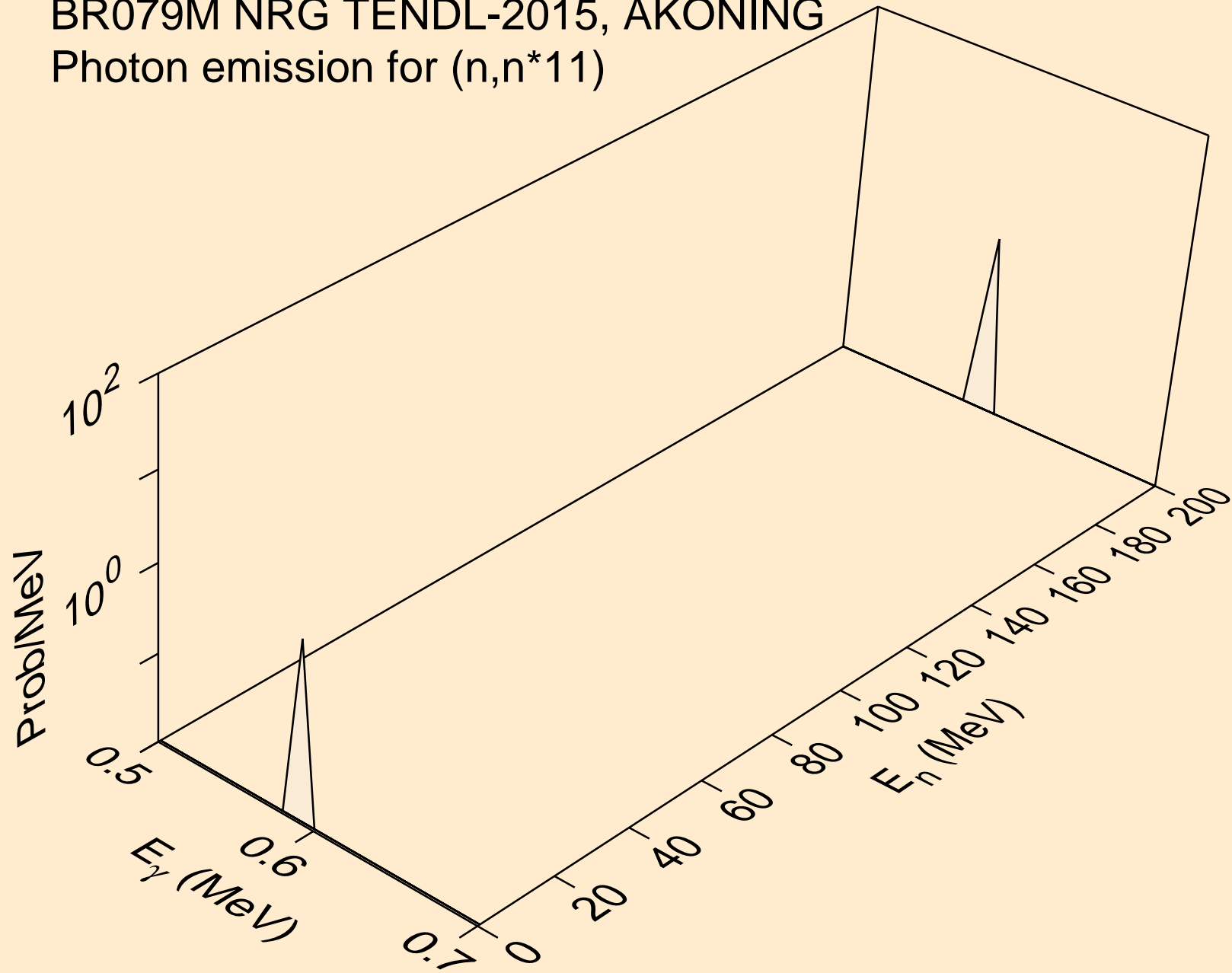
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Photon emission for (n,n\*9)



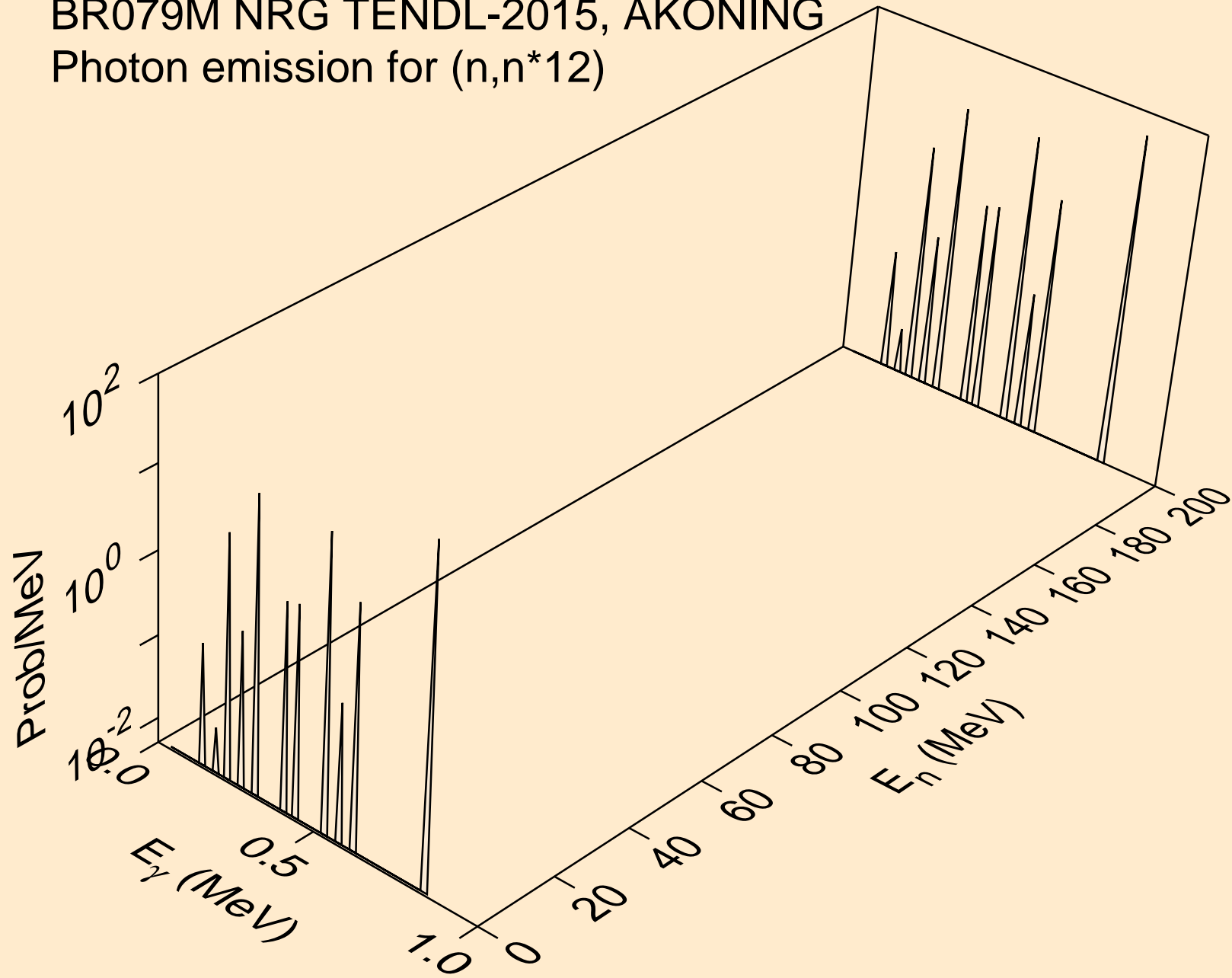
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Photon emission for (n,n\*10)



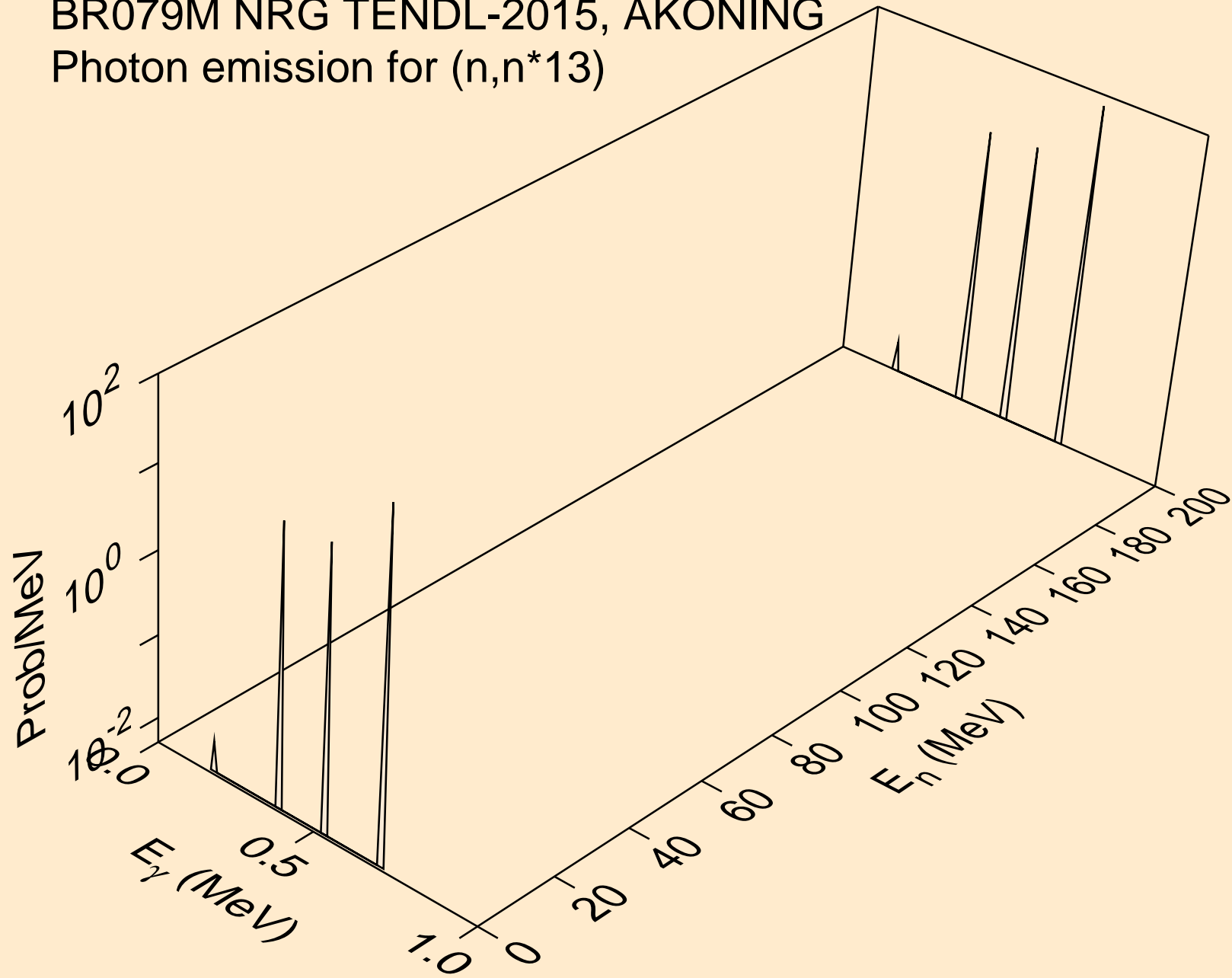
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Photon emission for (n,n\*11)



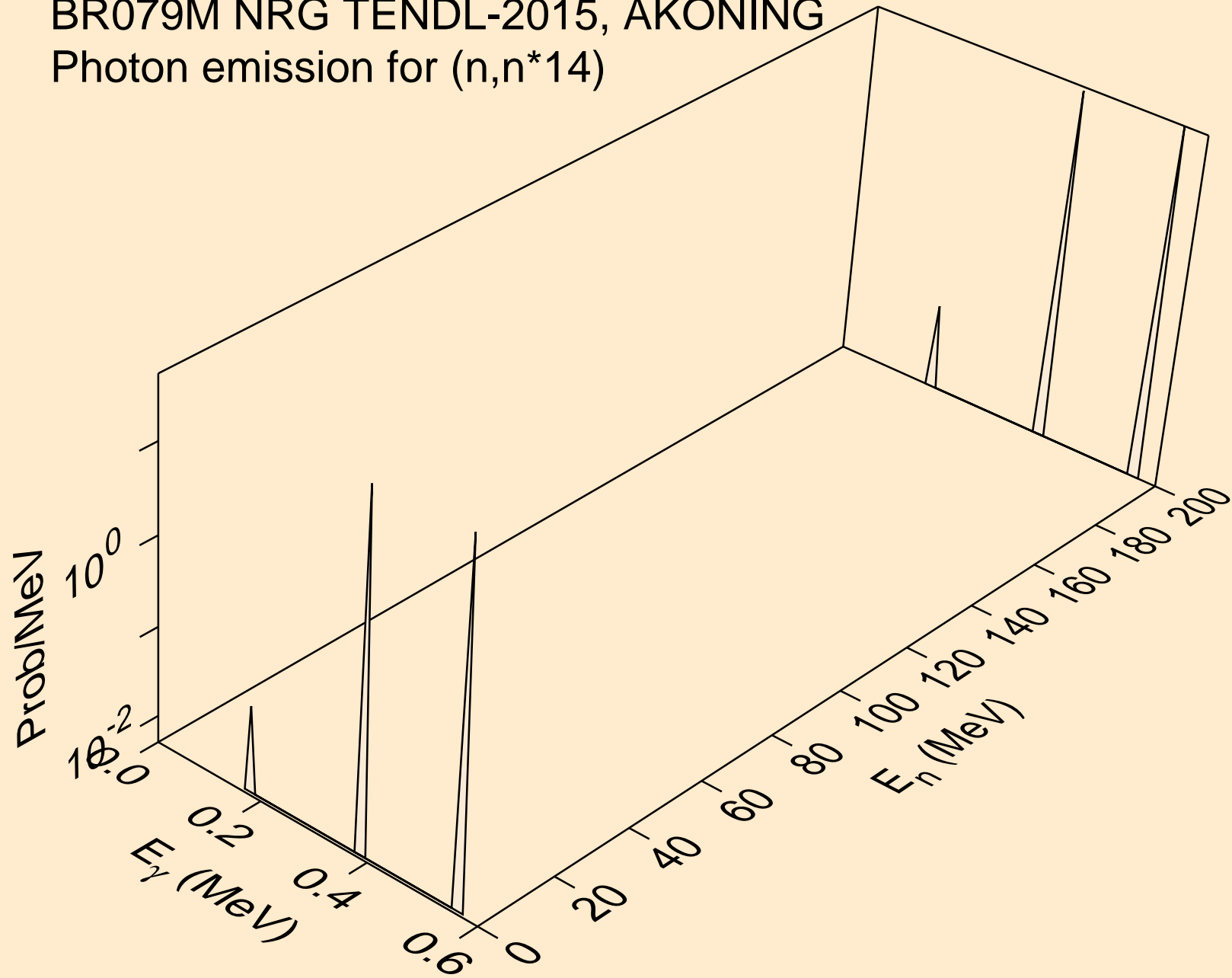
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Photon emission for (n,n\*12)



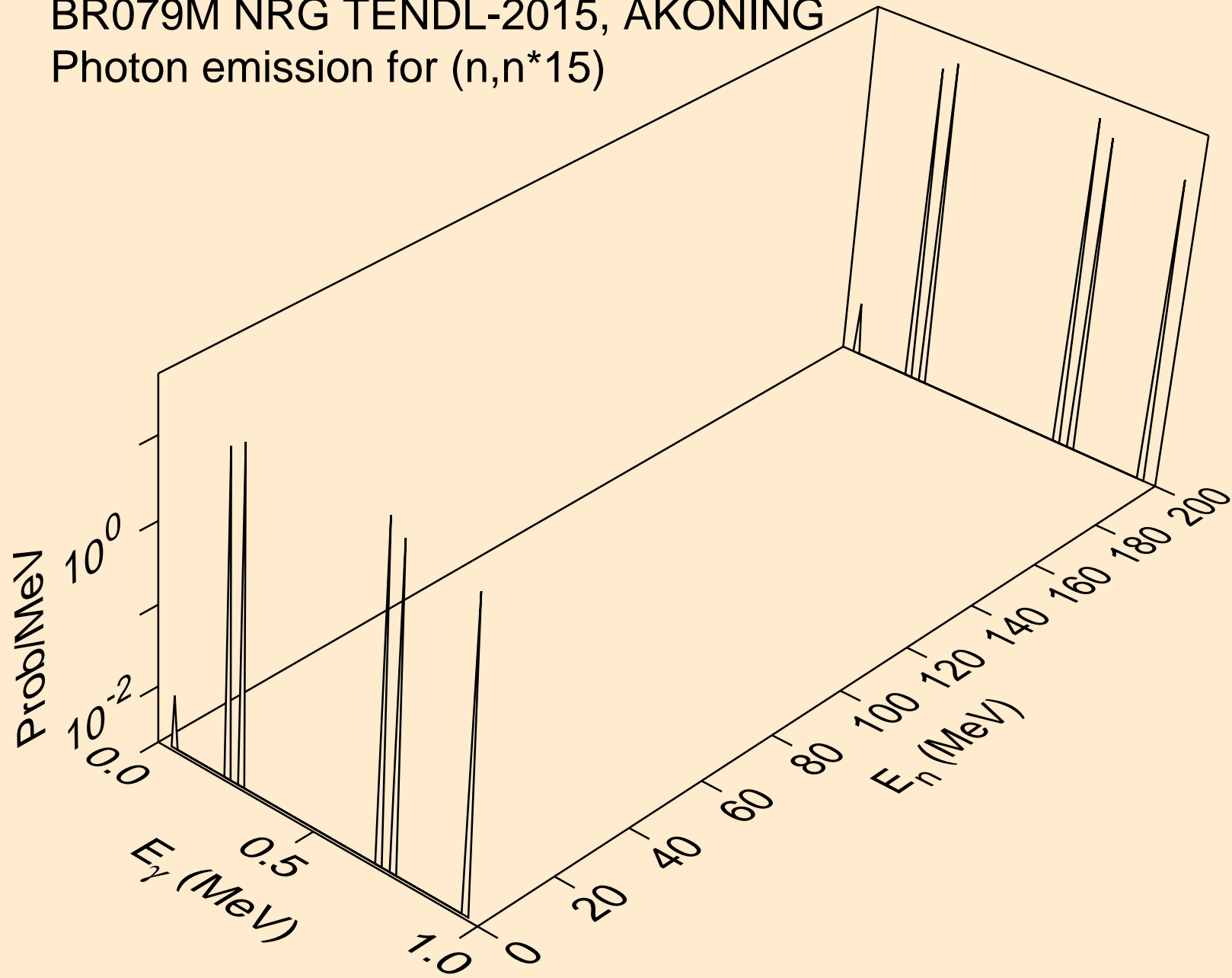
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Photon emission for (n,n\*13)



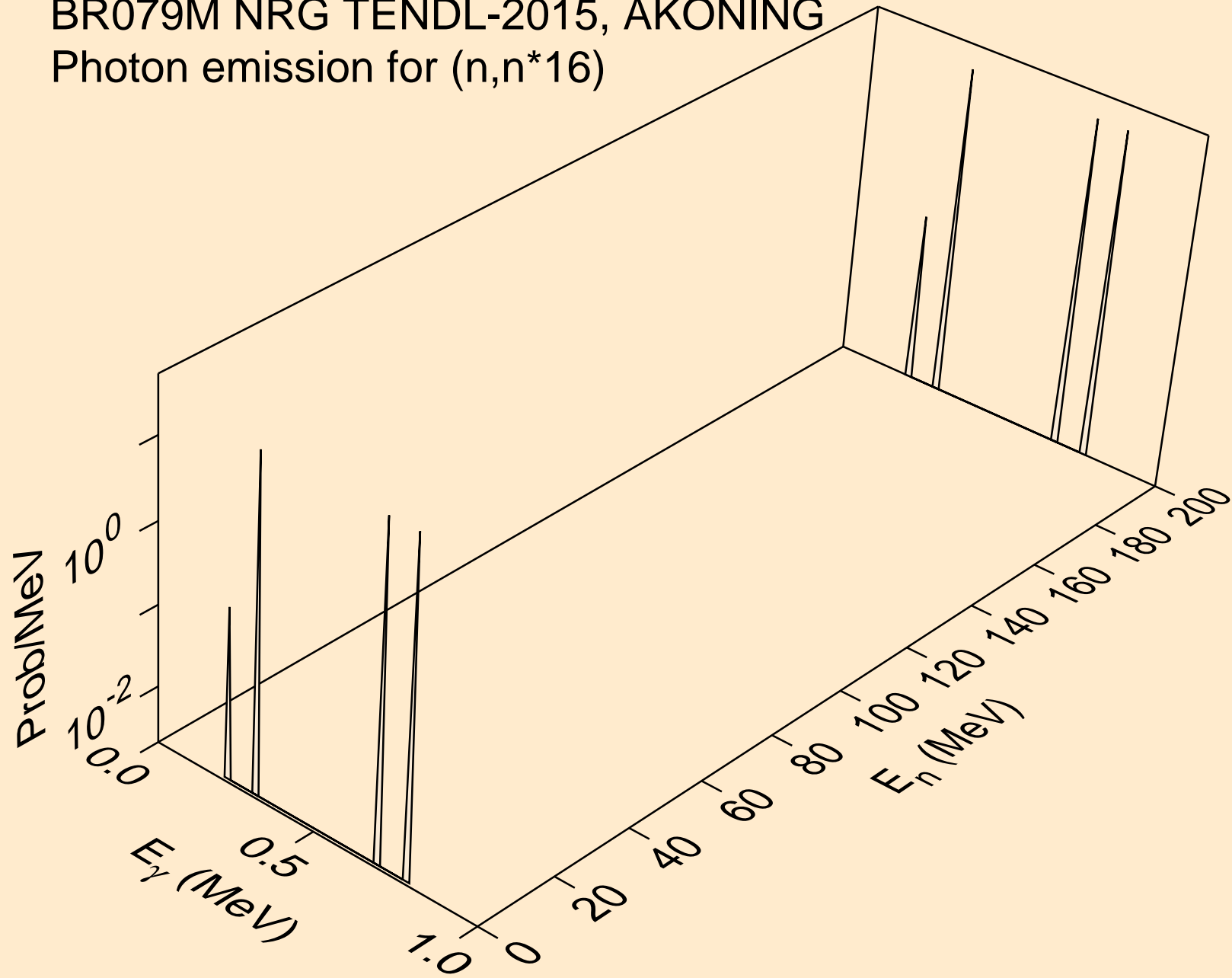
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Photon emission for (n,n\*14)



BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)

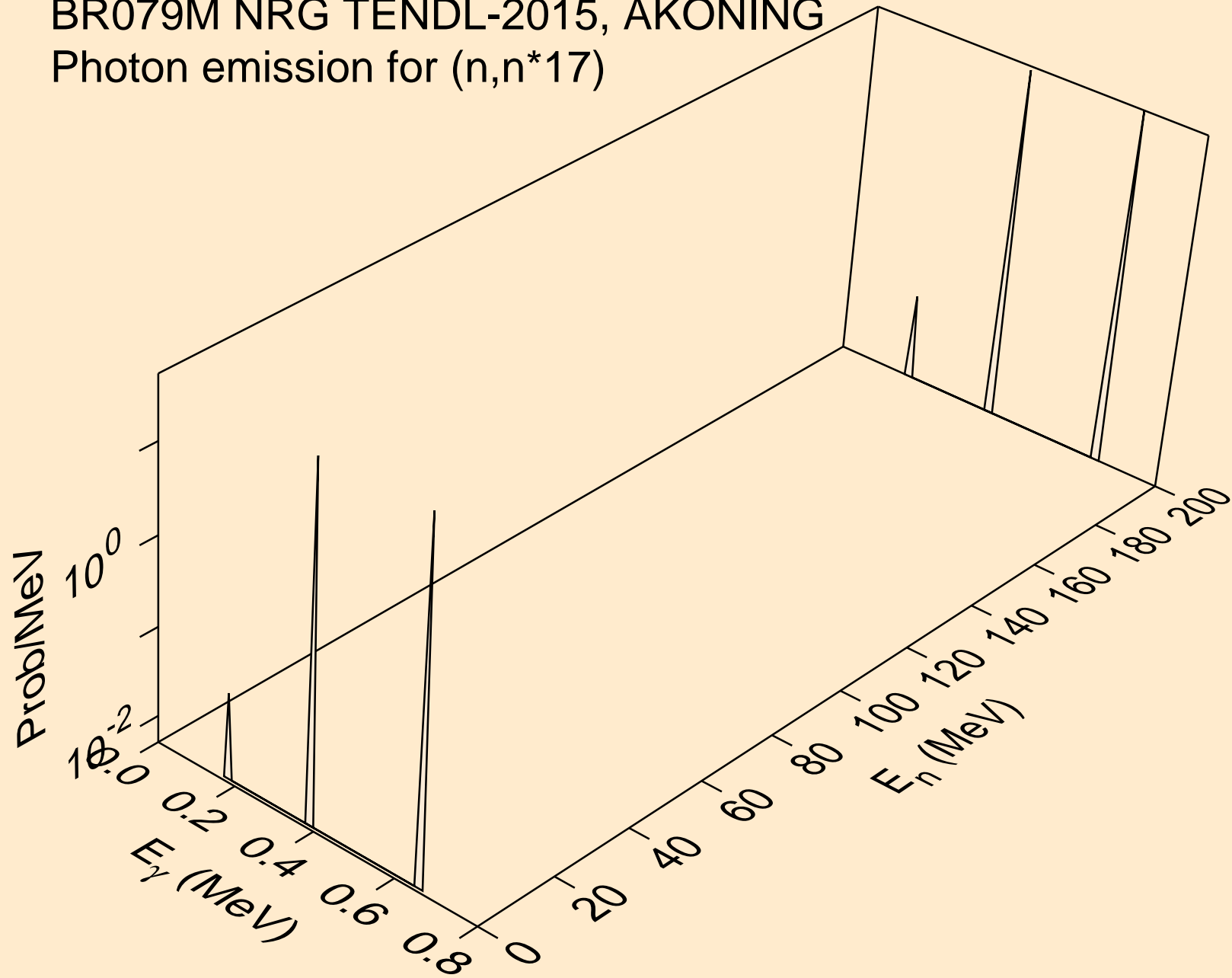


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Photon emission for (n,n\*16)

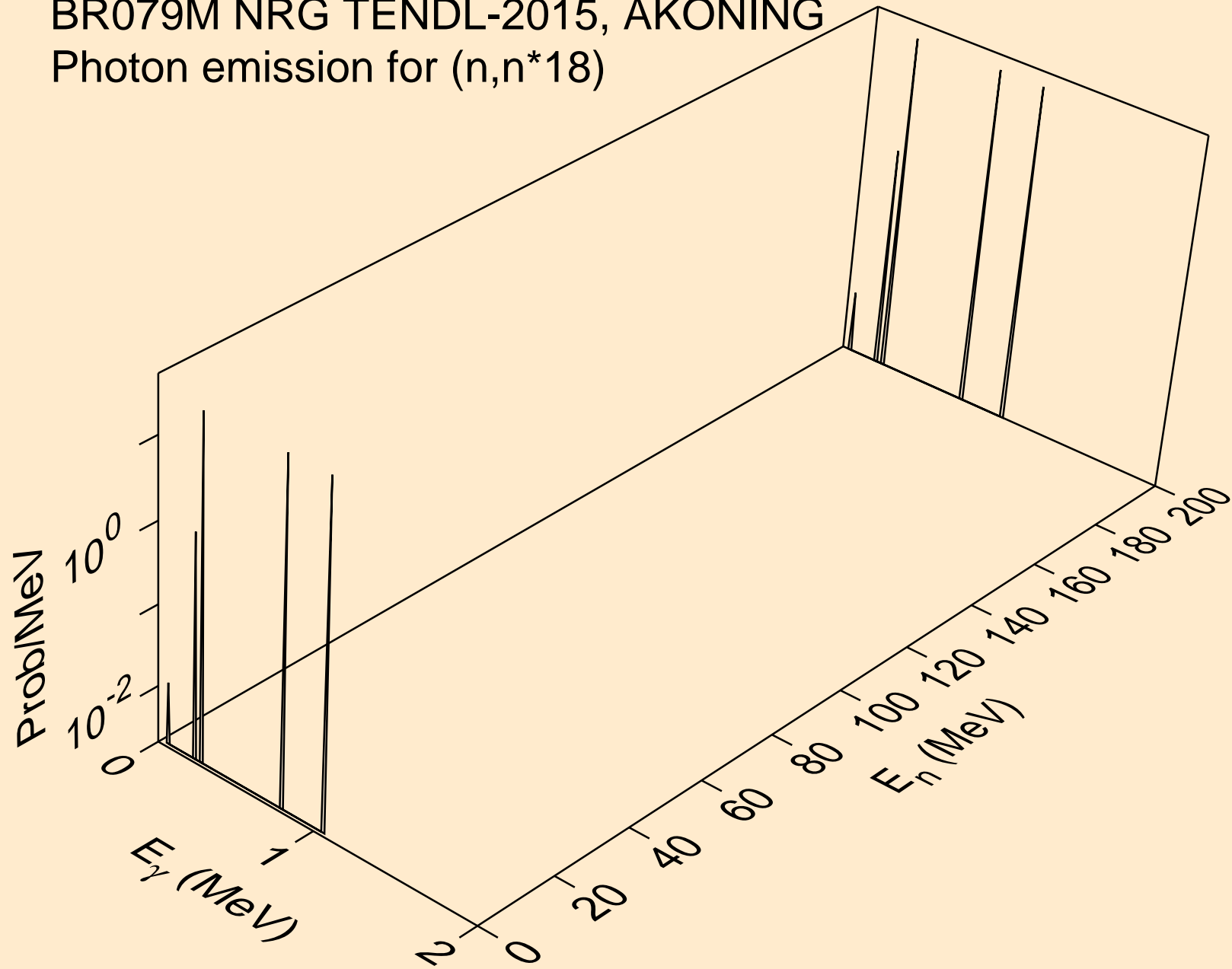




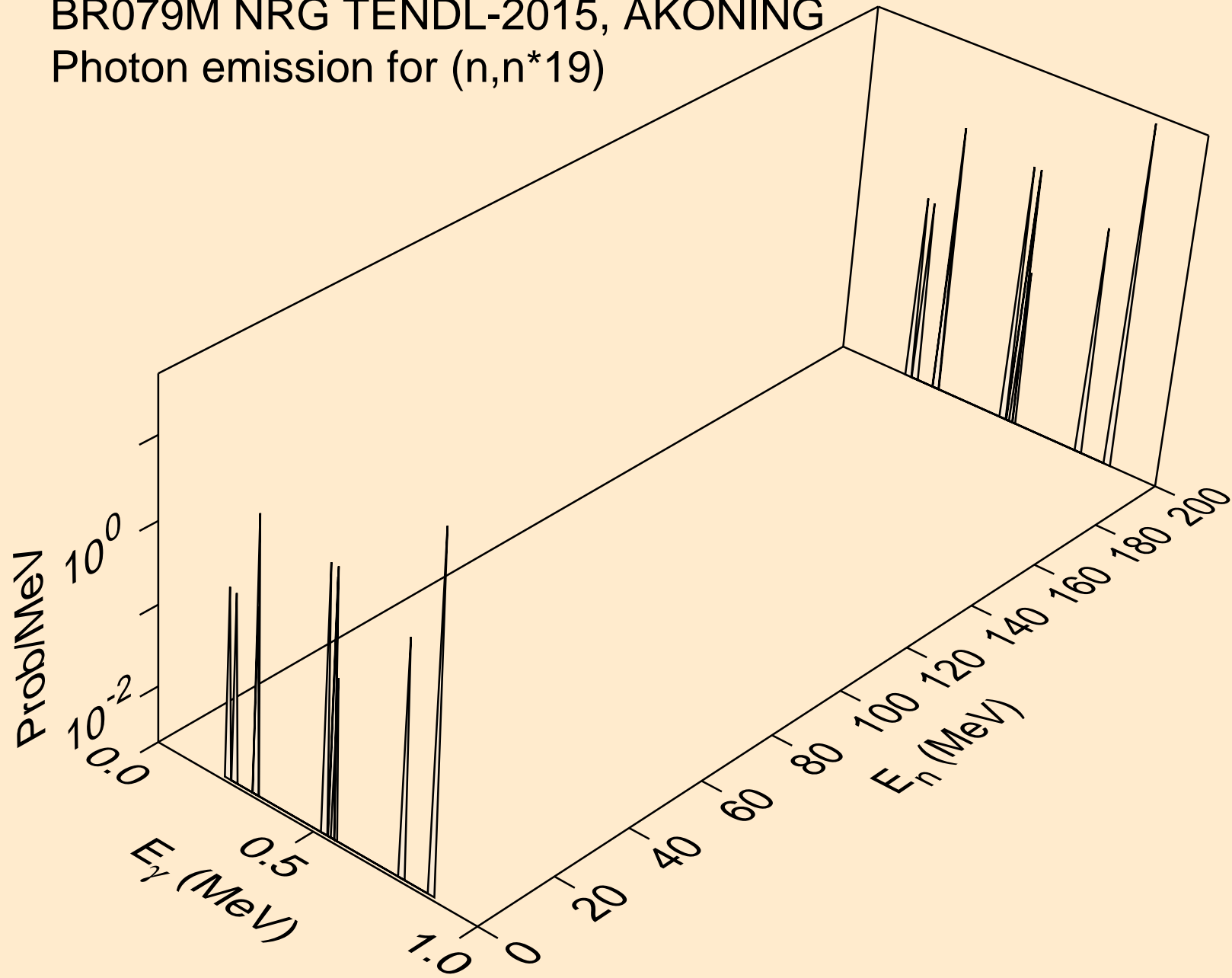
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Photon emission for (n,n\*17)



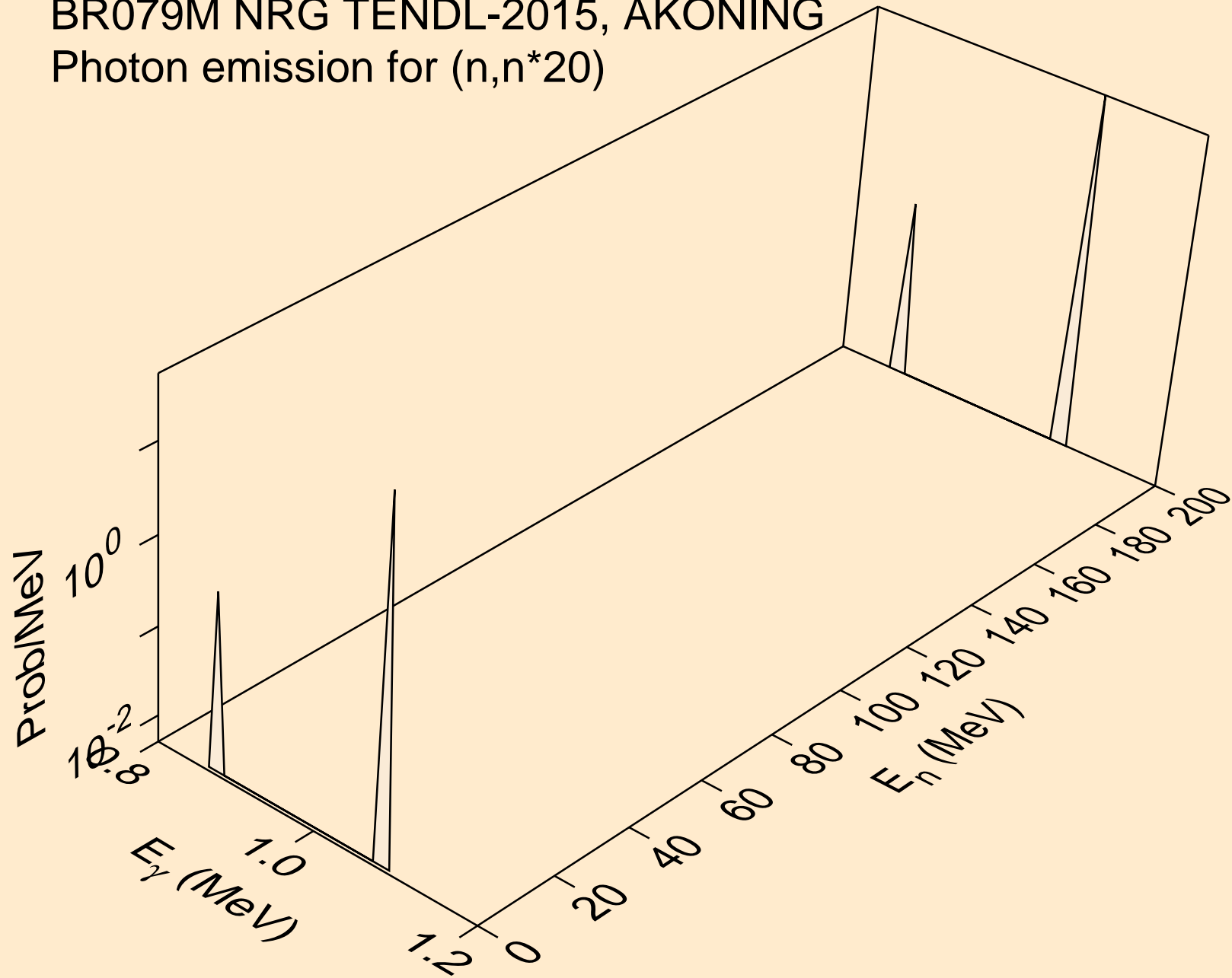
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Photon emission for (n,n\*18)



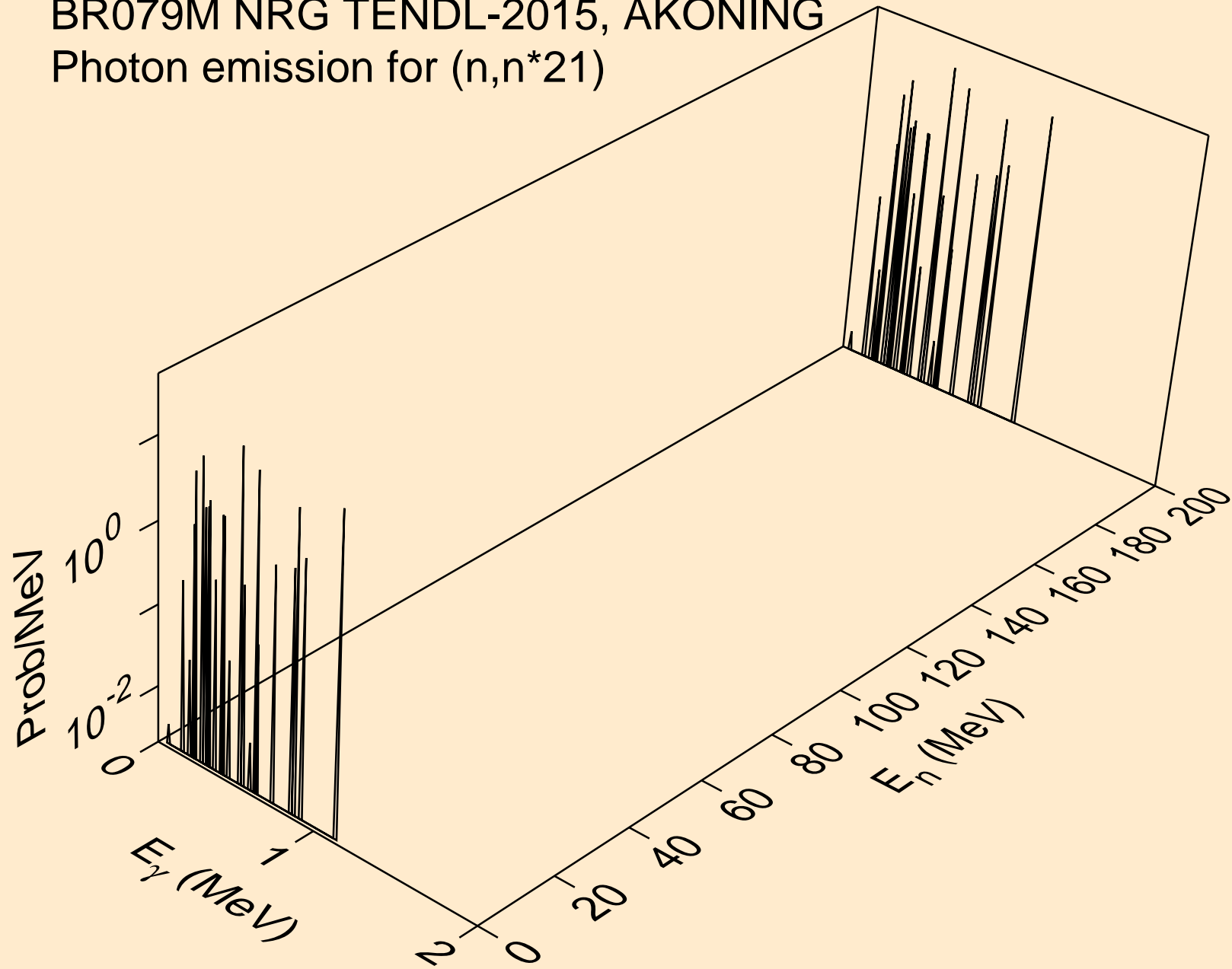
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Photon emission for (n,n\*19)



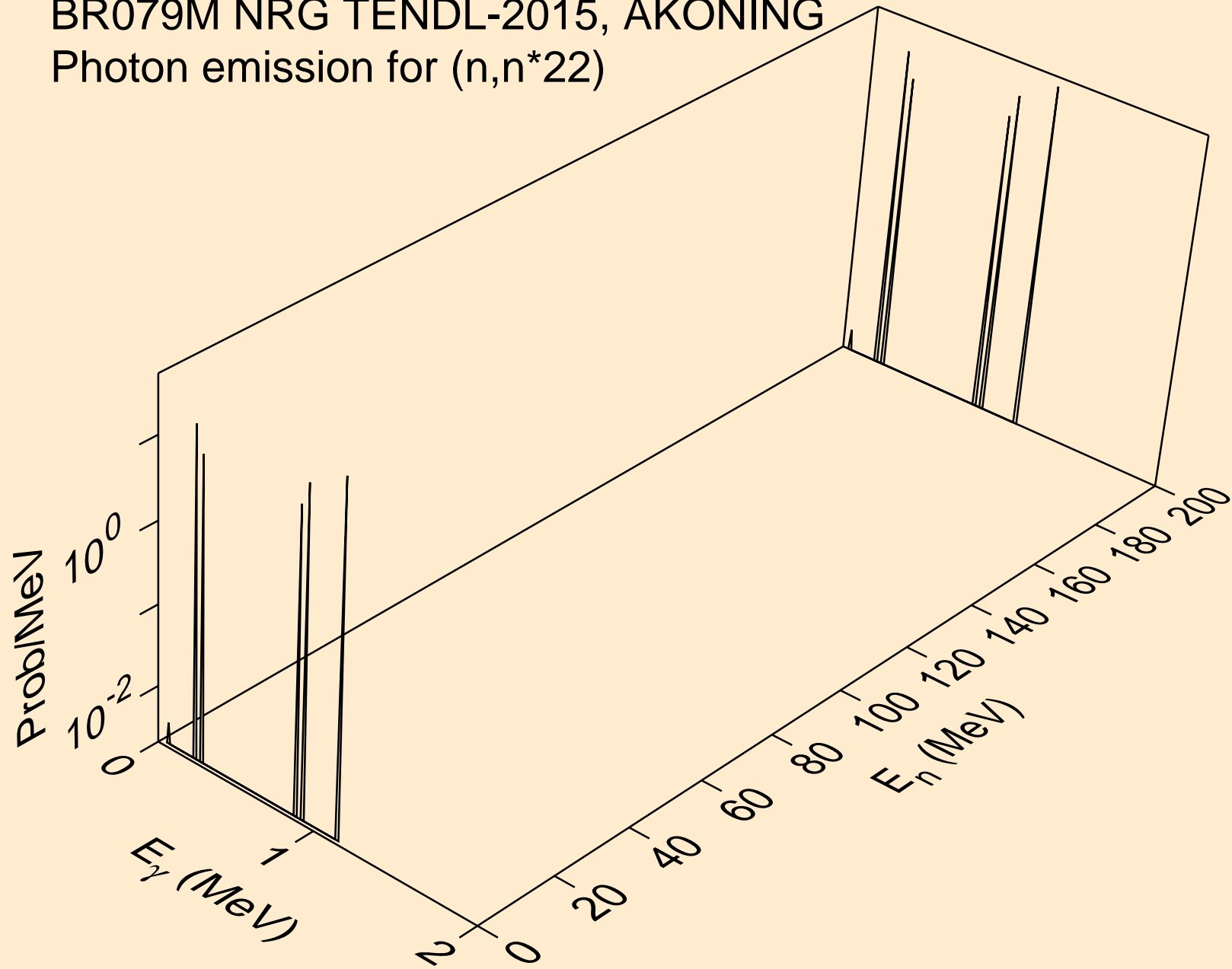
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Photon emission for (n,n\*20)



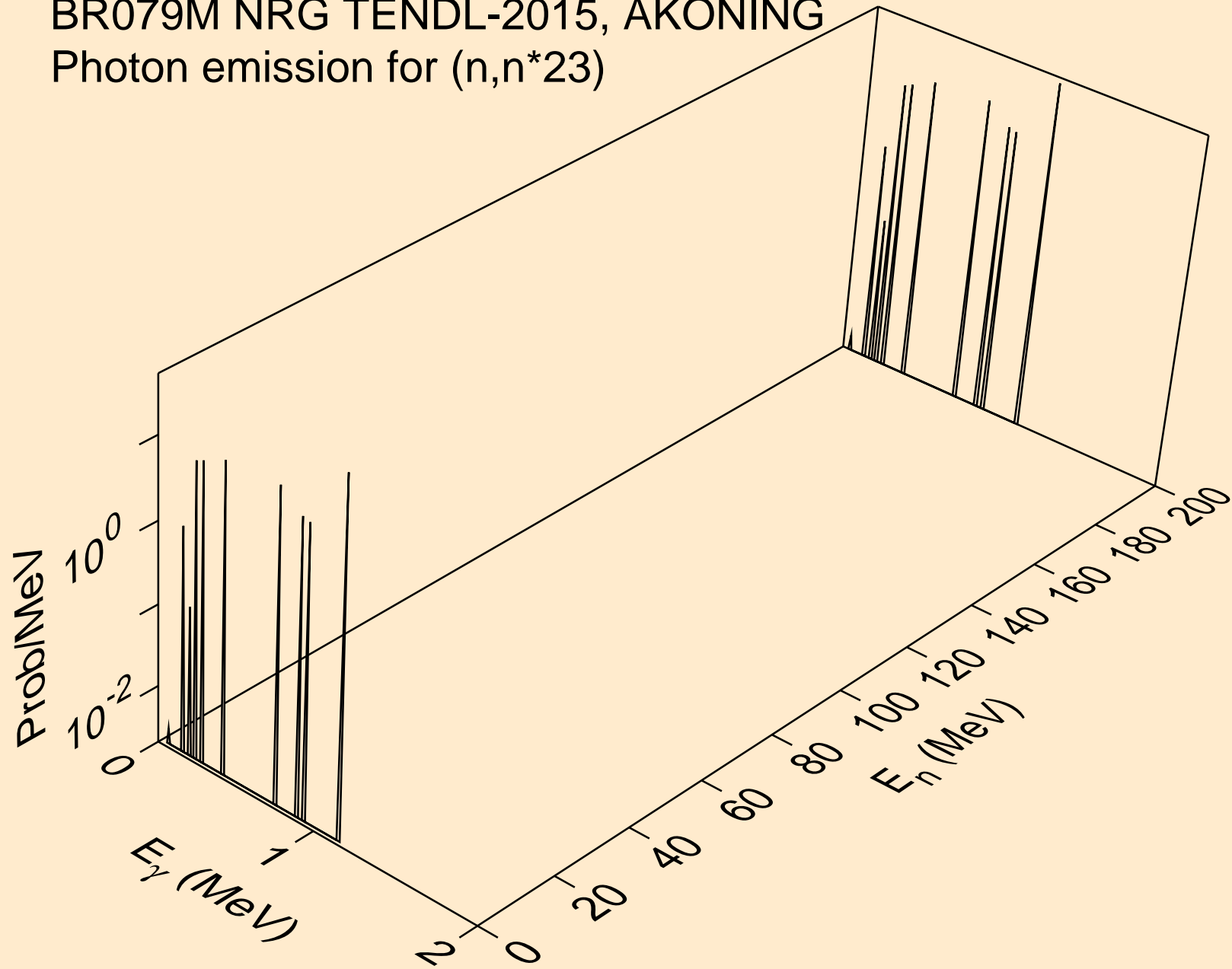
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Photon emission for (n,n\*21)



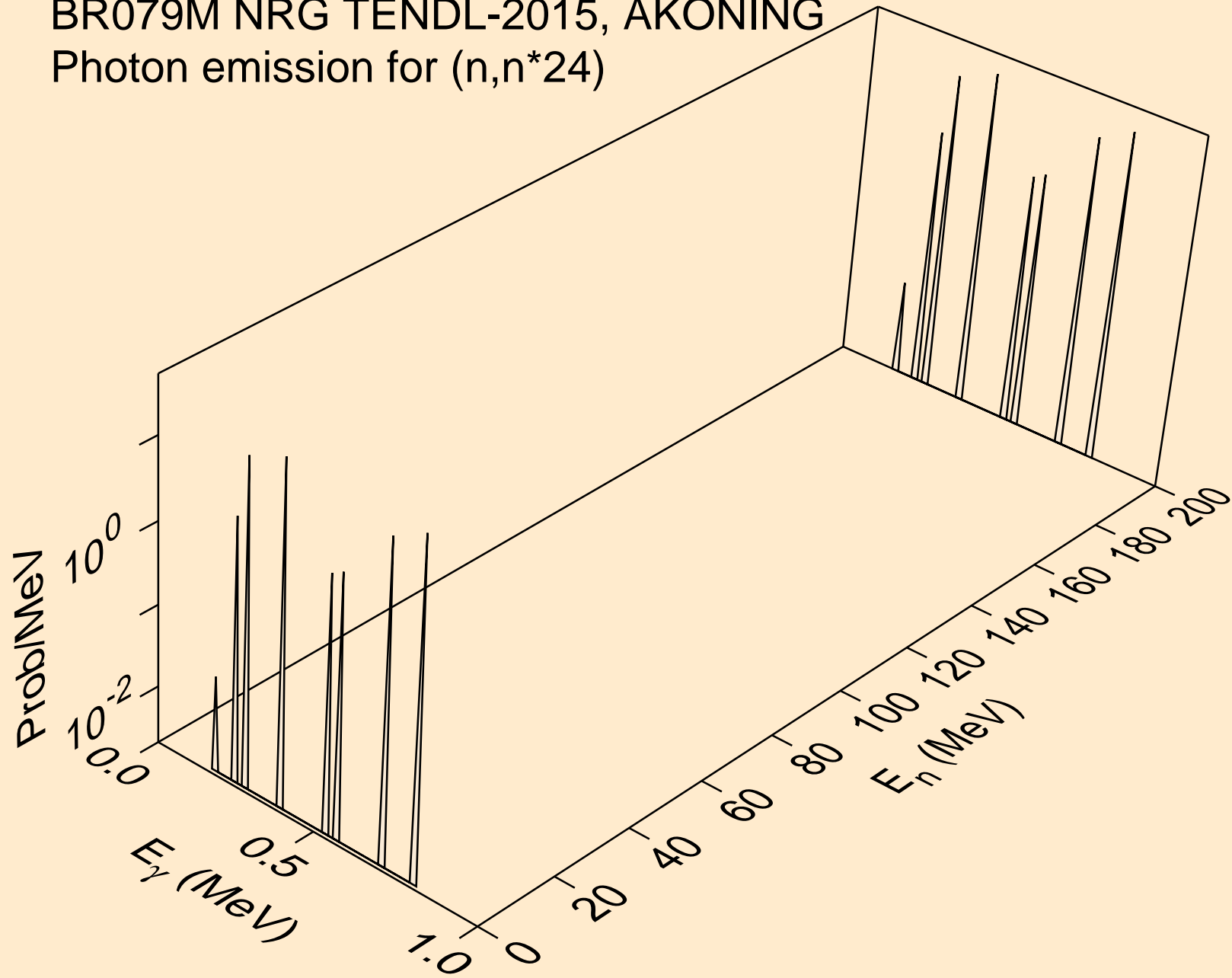
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Photon emission for (n,n\*22)



BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)

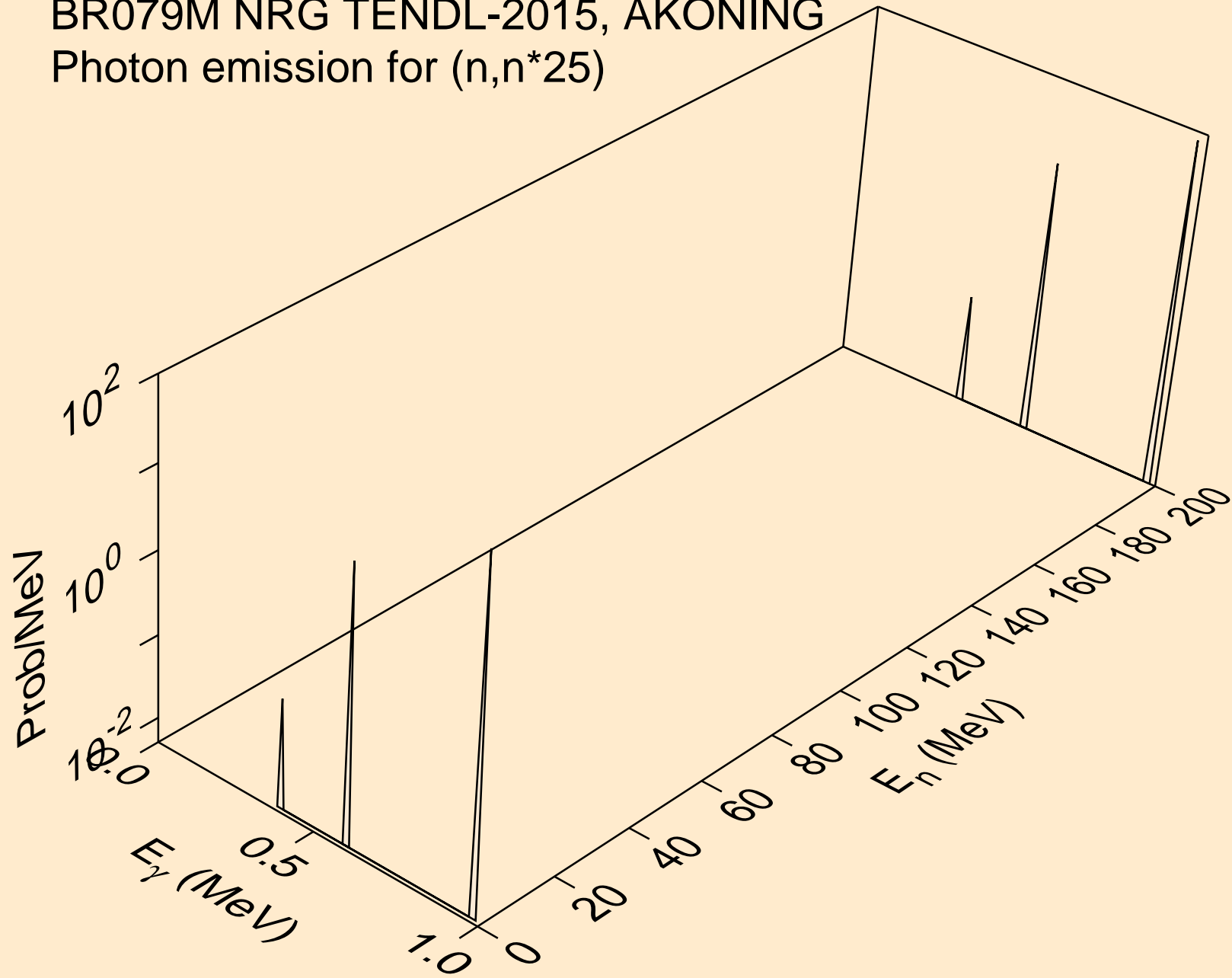


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Photon emission for (n,n\*24)

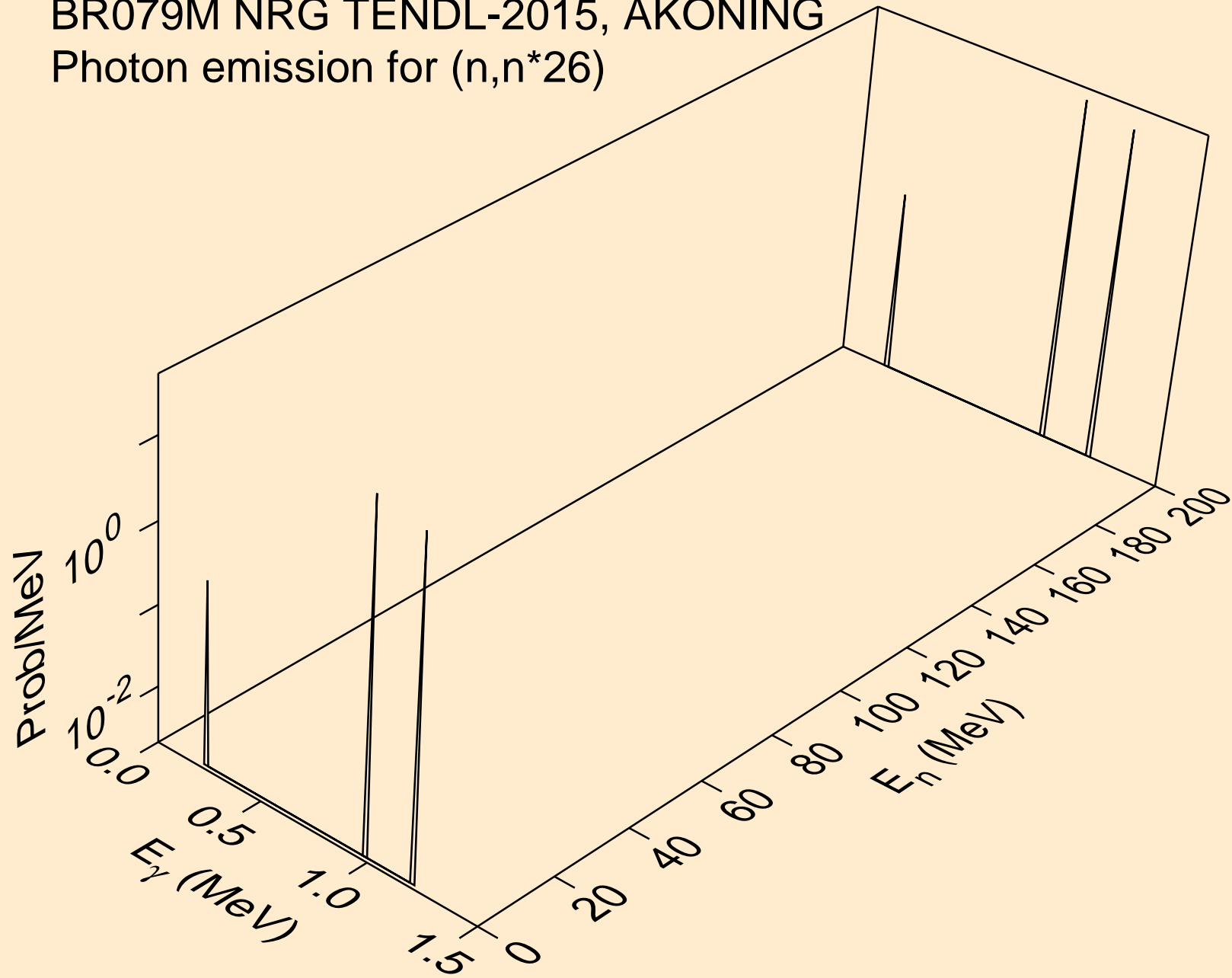




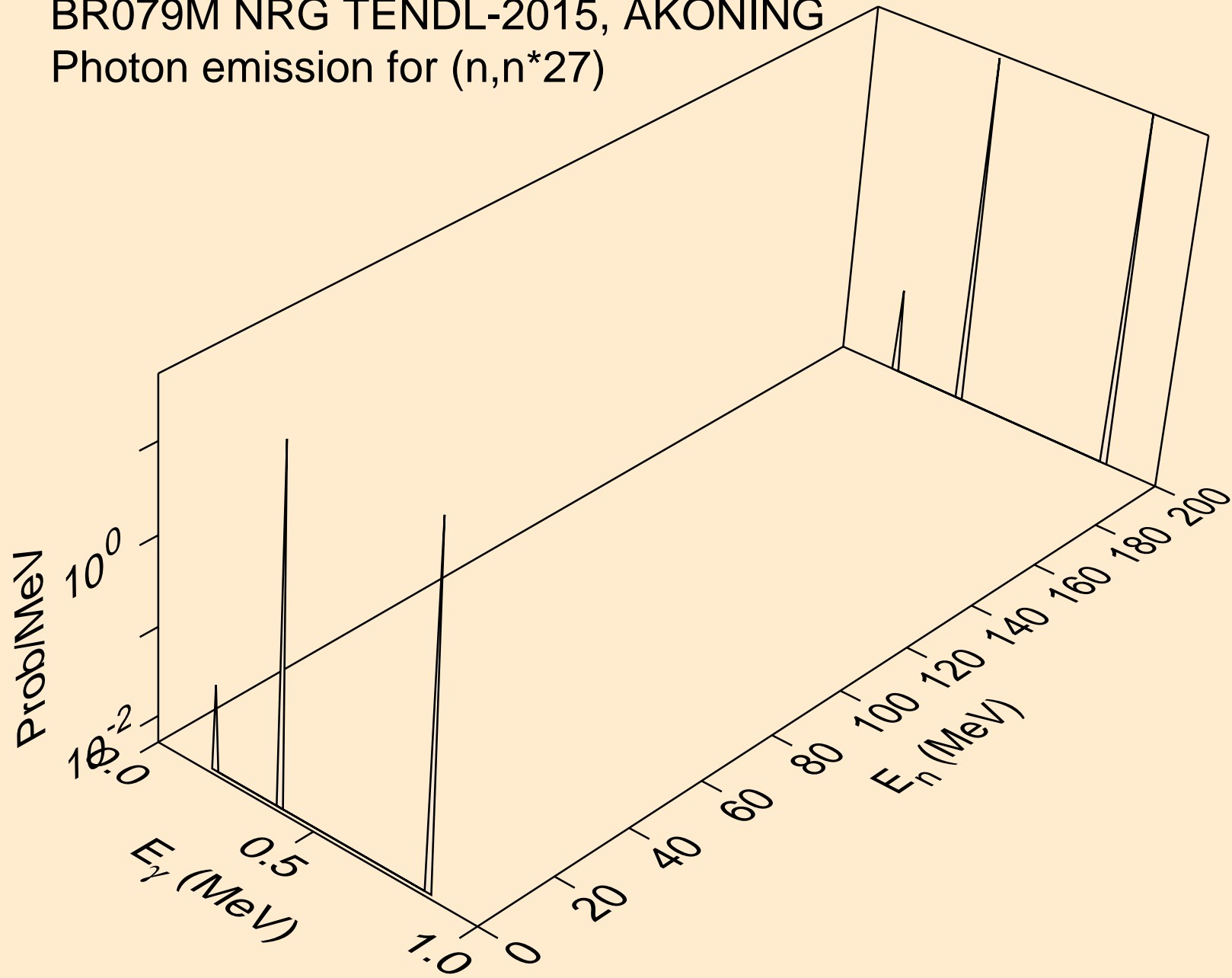
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Photon emission for (n,n\*25)



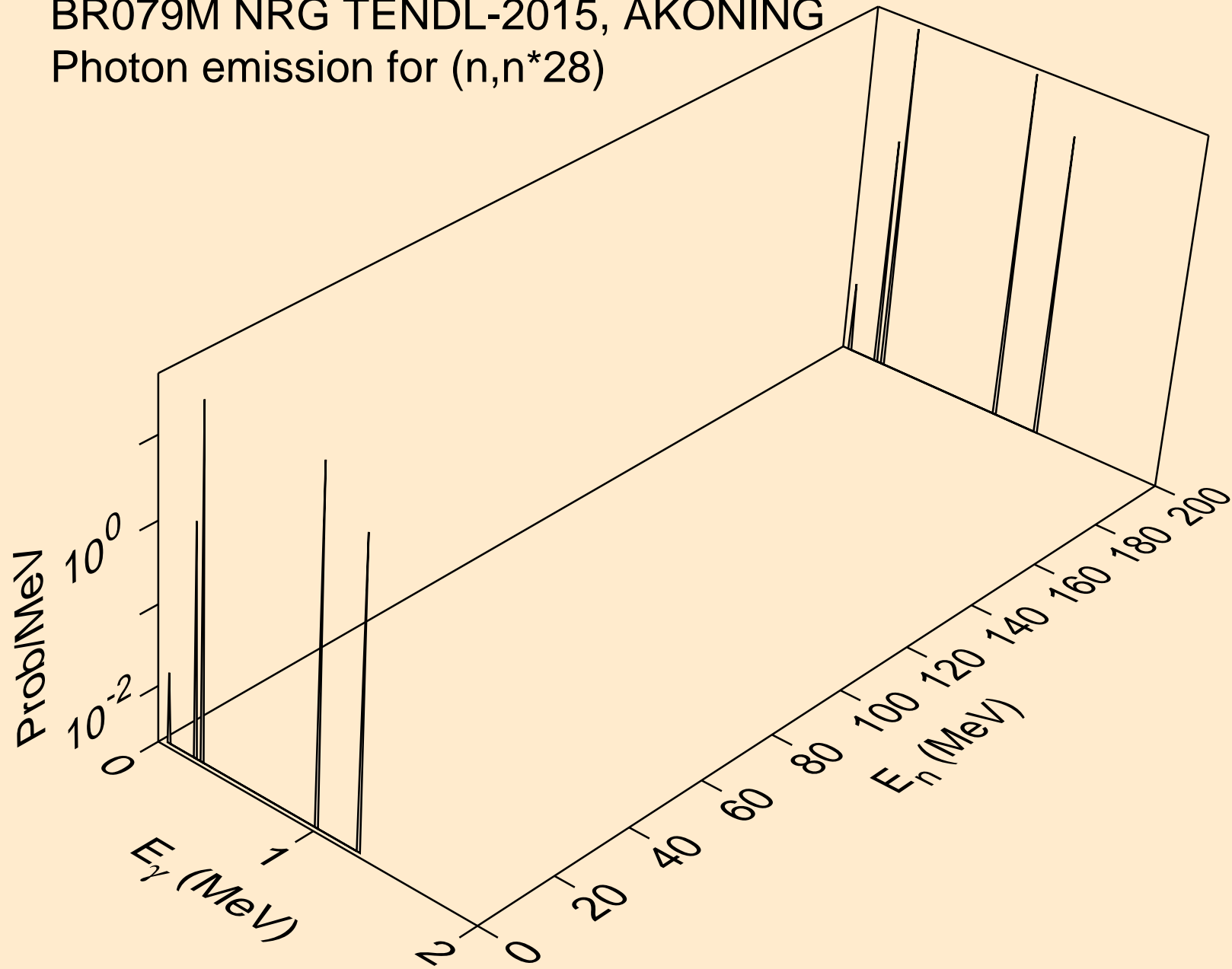
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Photon emission for (n,n\*26)



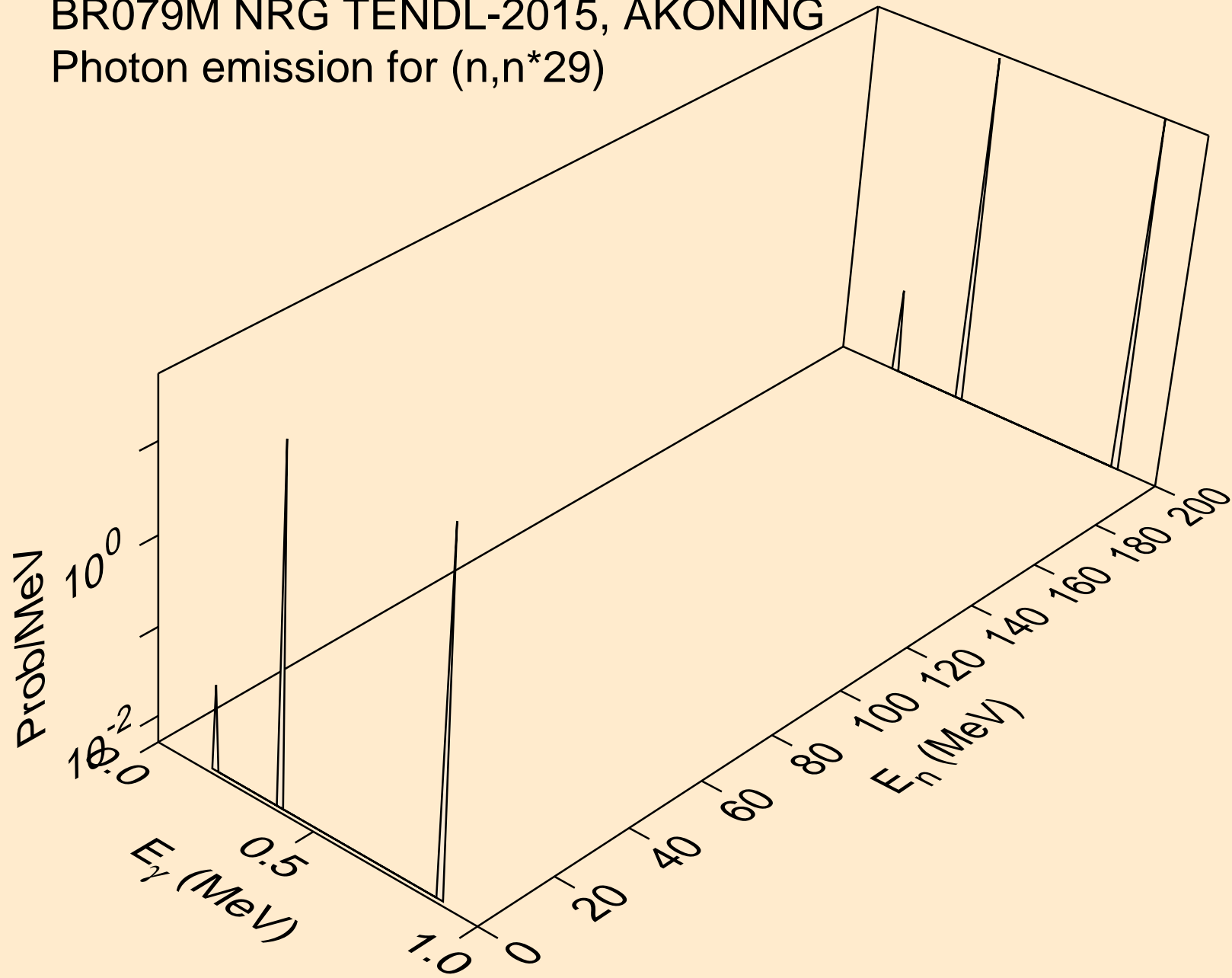
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Photon emission for (n,n\*27)



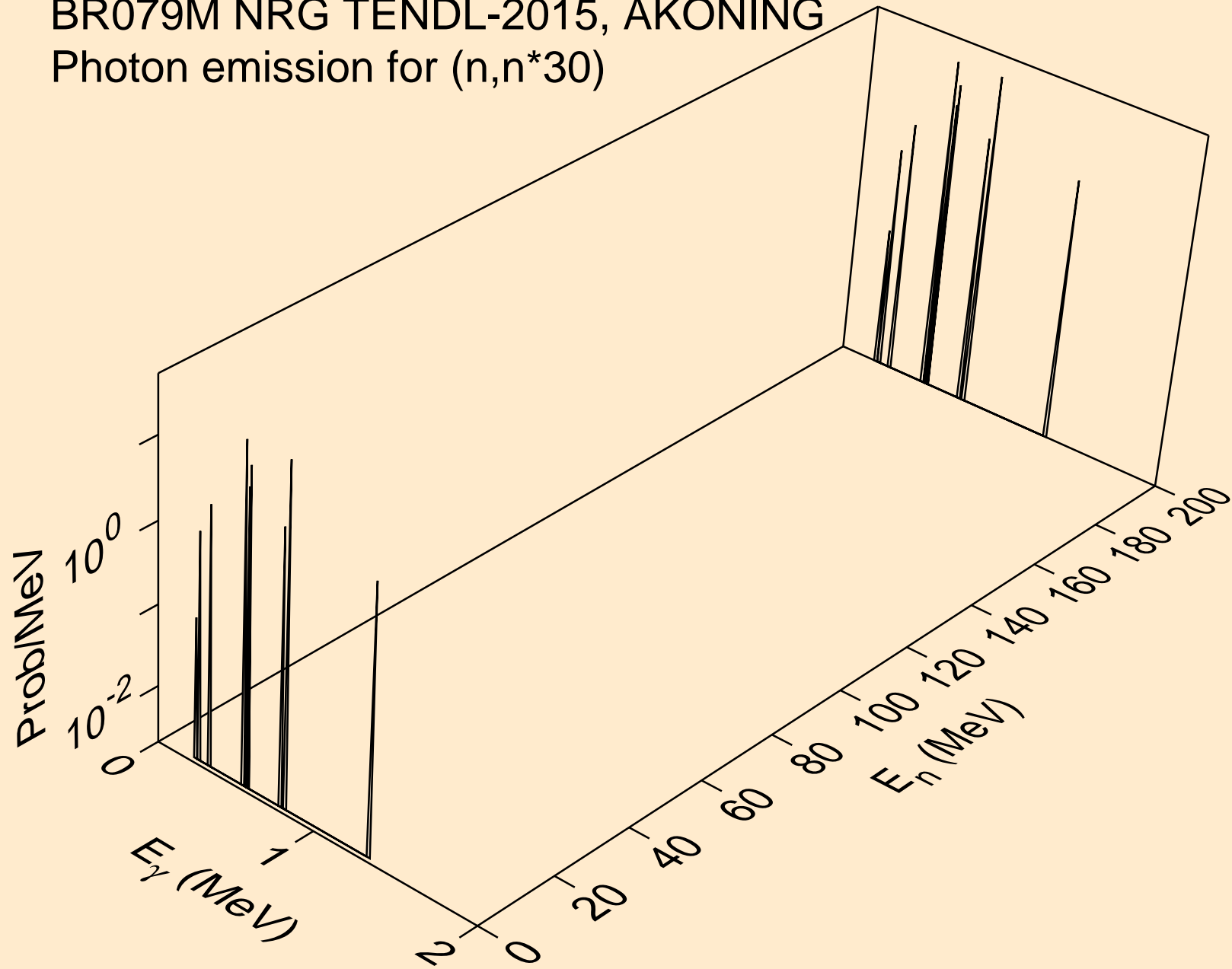
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Photon emission for (n,n\*28)



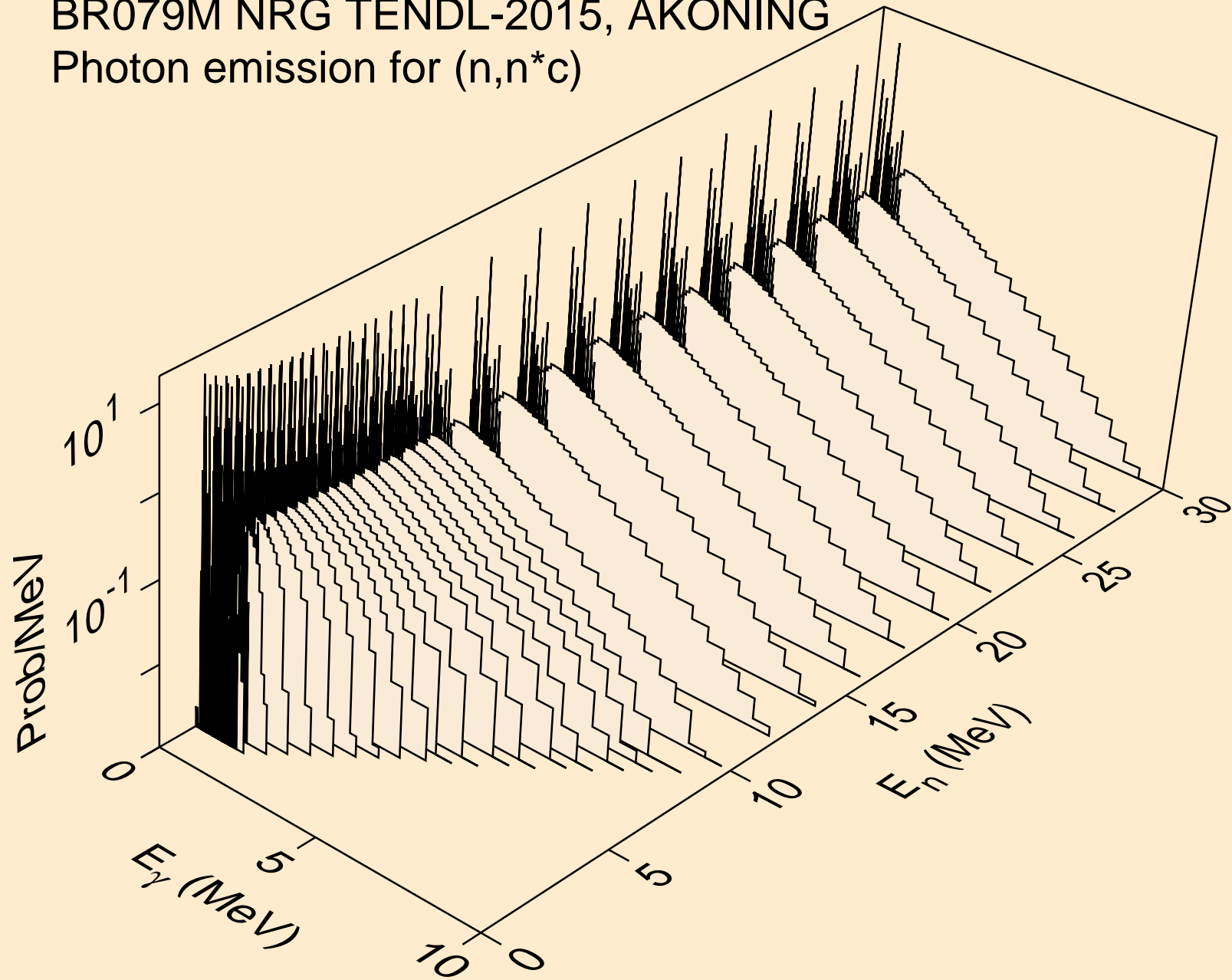
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Photon emission for (n,n\*29)



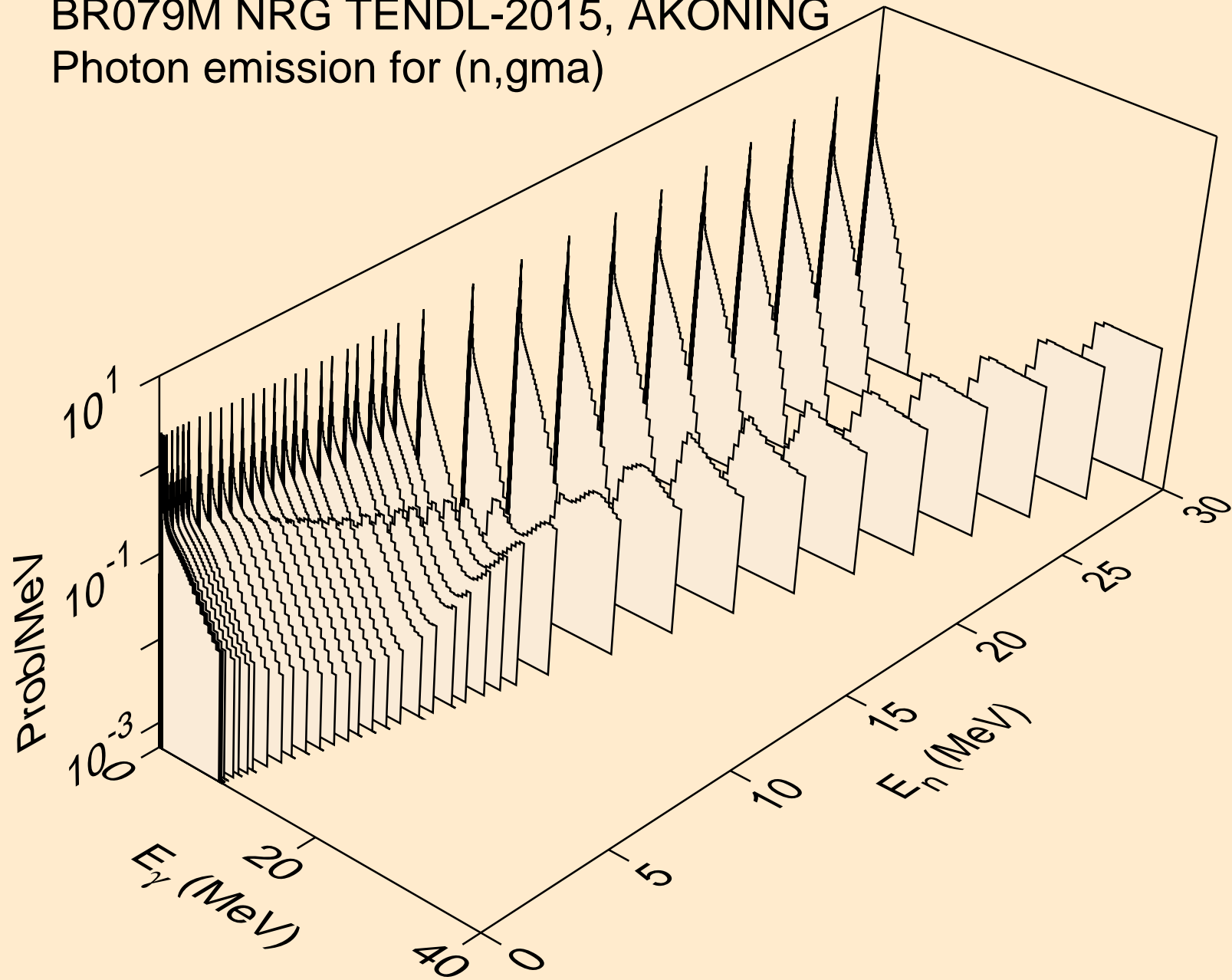
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Photon emission for (n,n\*30)



BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

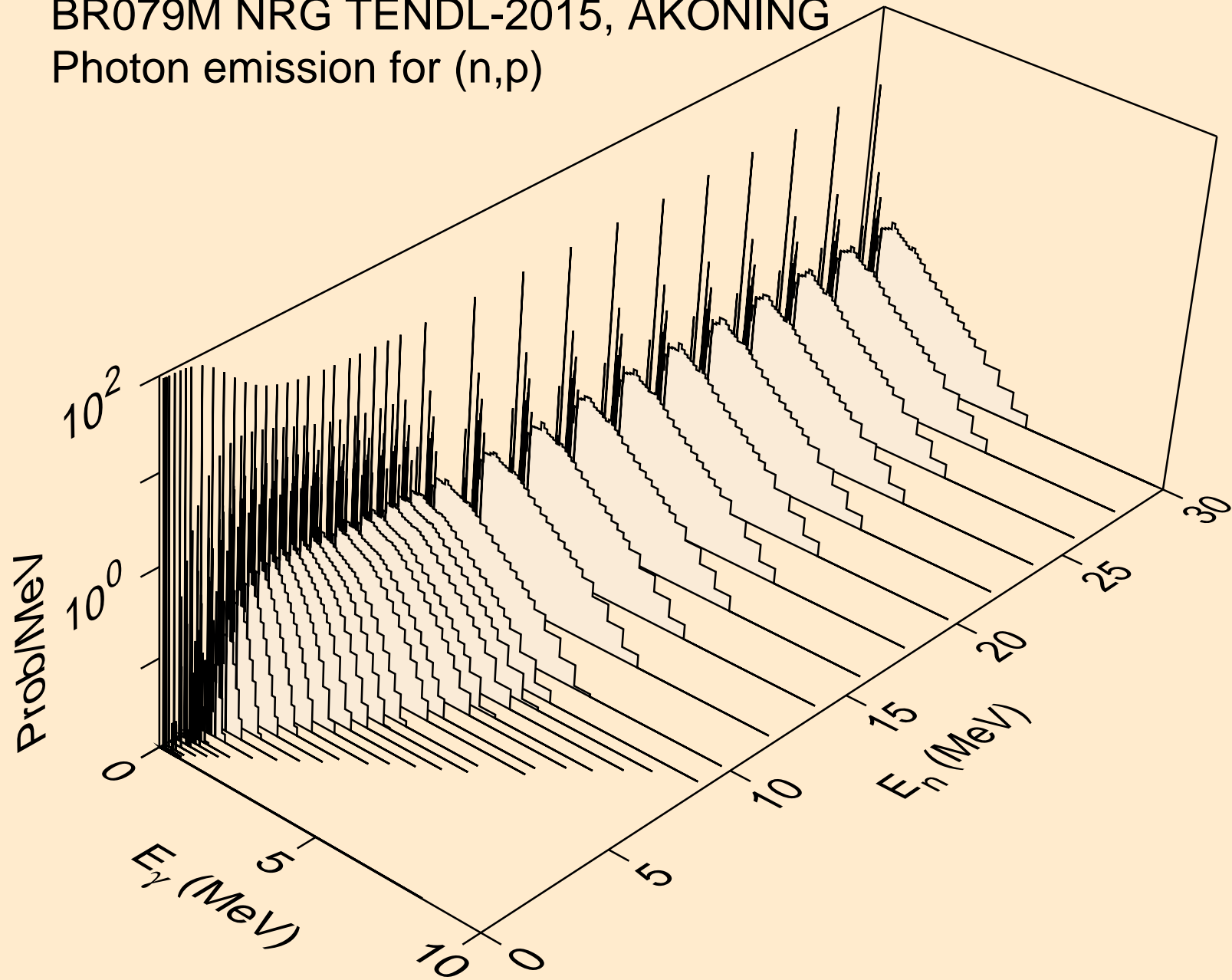


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Photon emission for (n,gma)

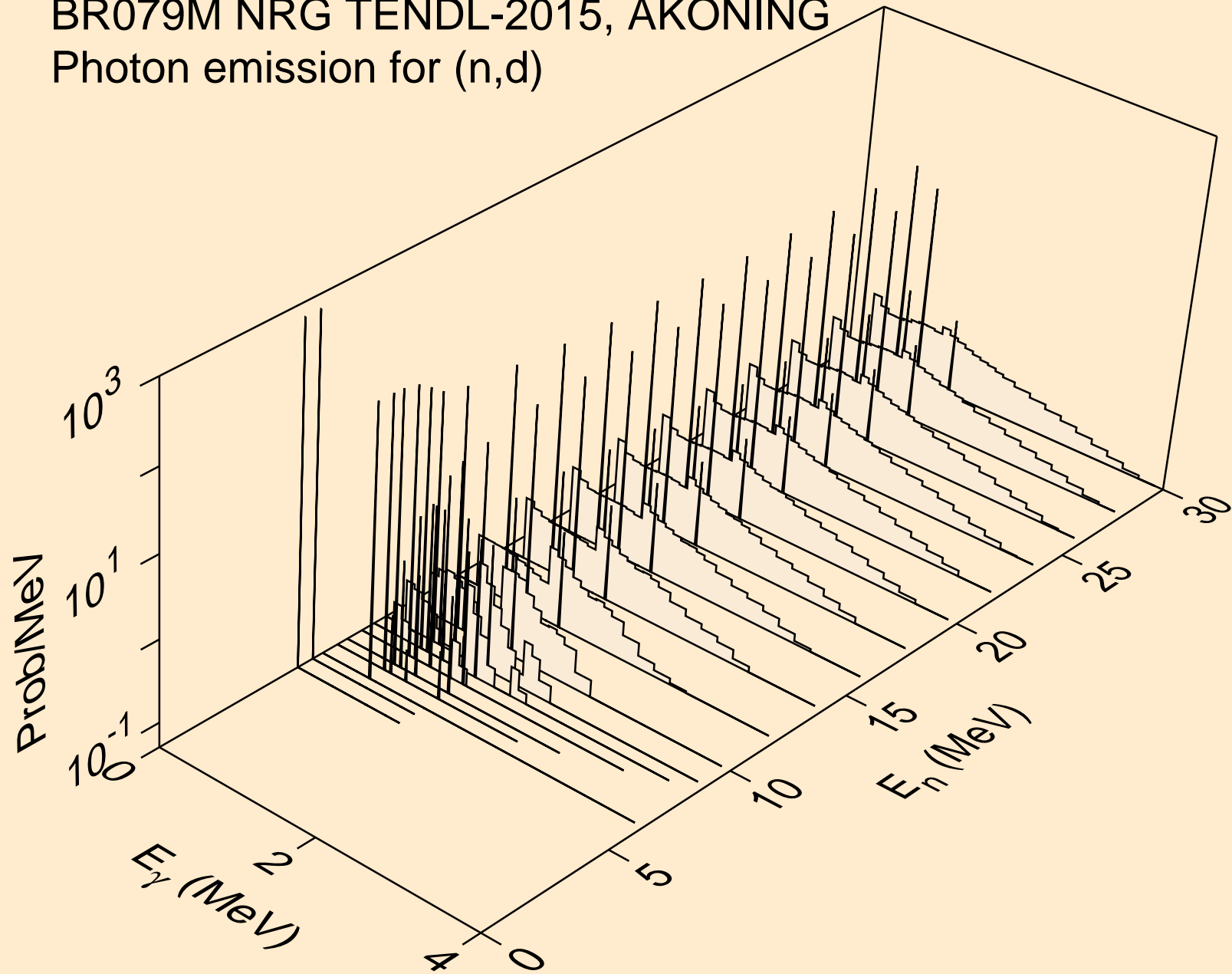




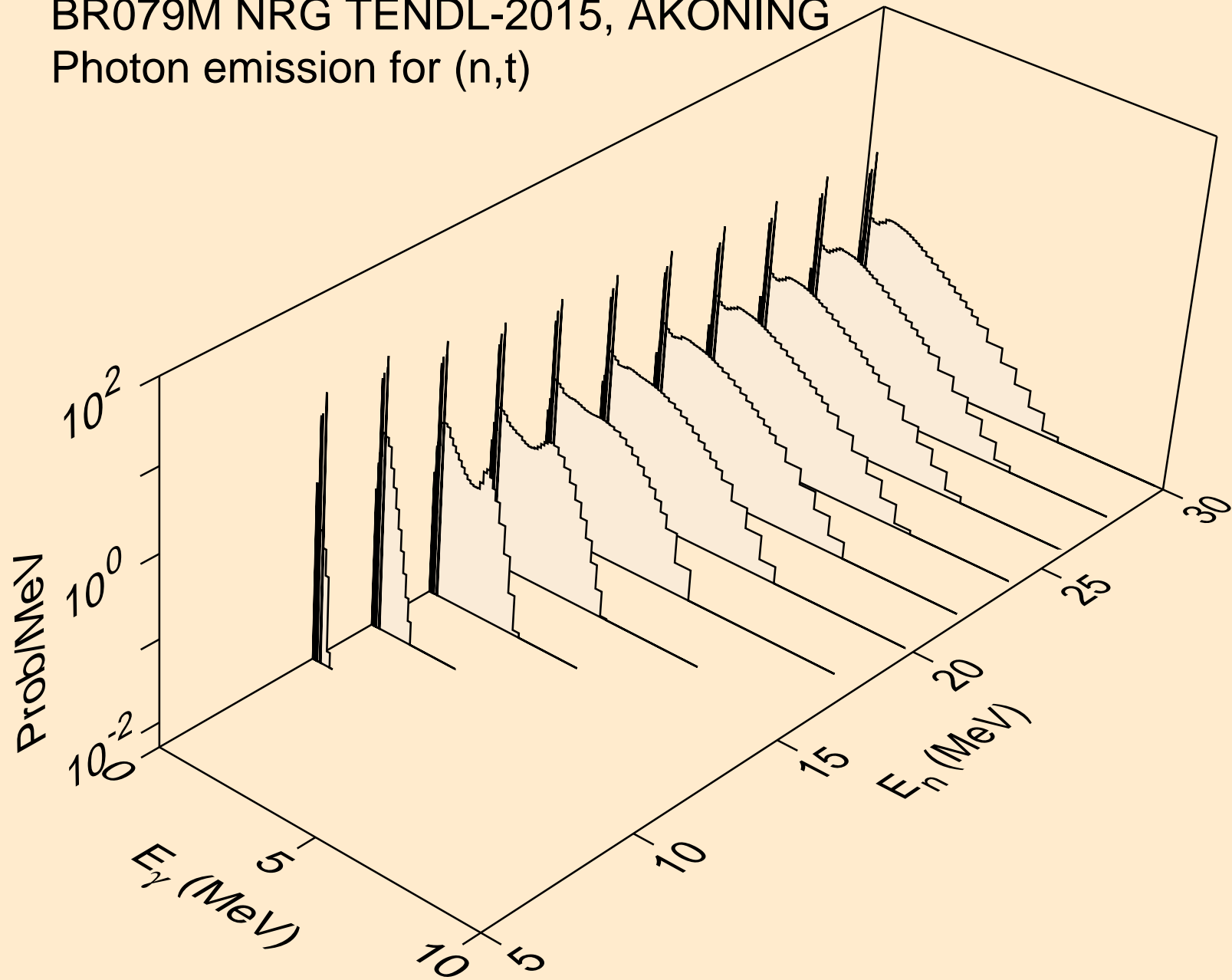
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Photon emission for (n,p)



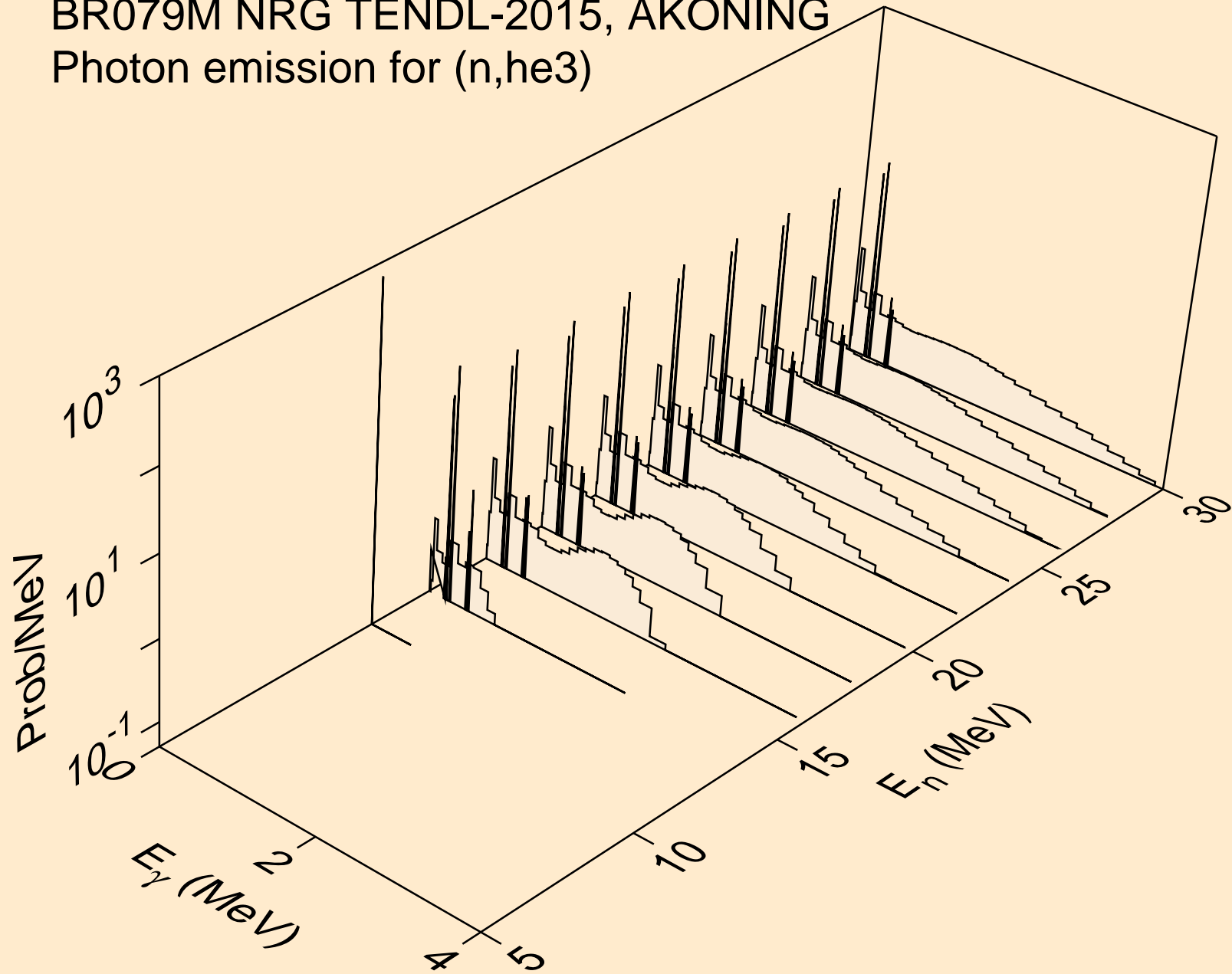
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Photon emission for (n,d)



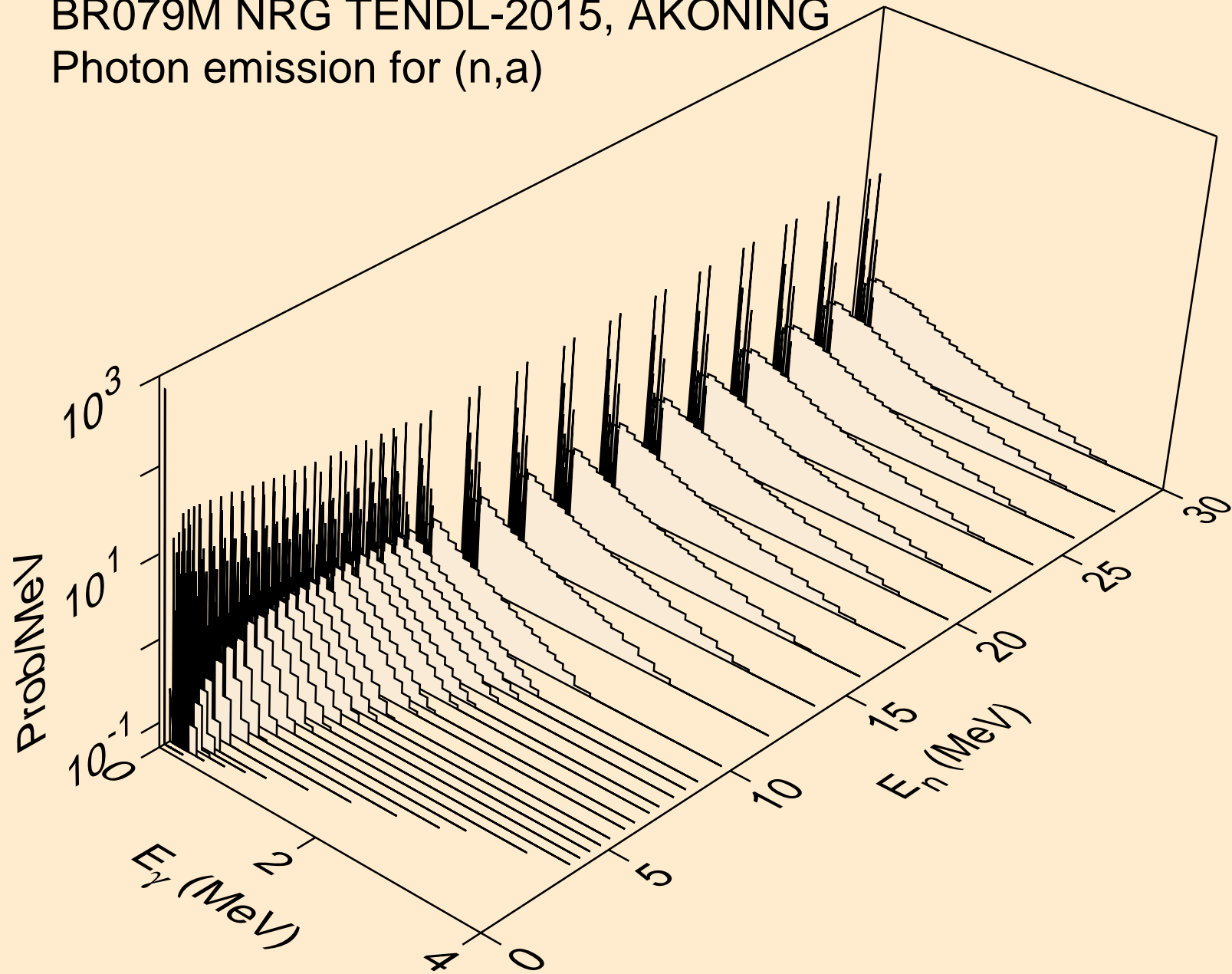
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Photon emission for (n,t)



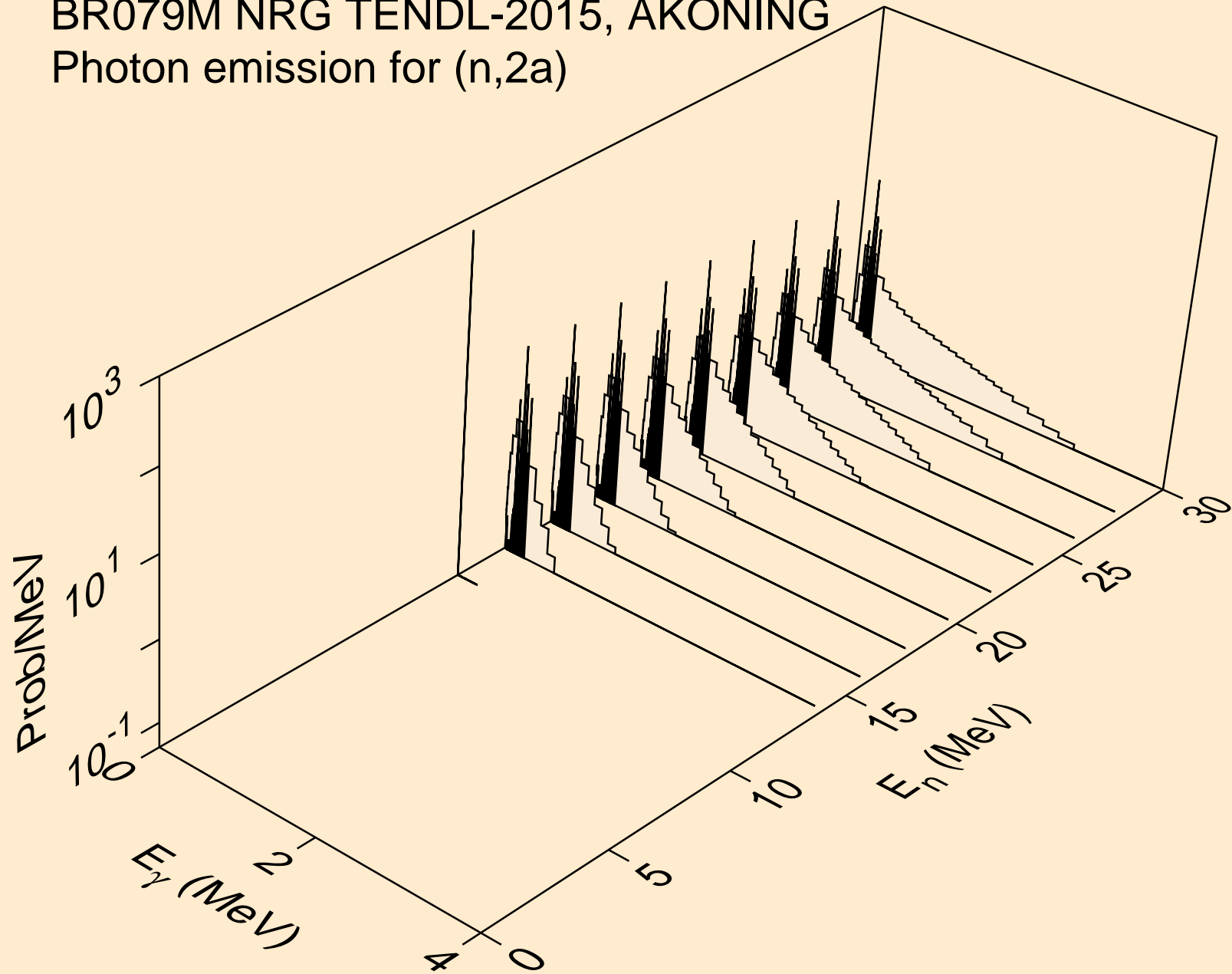
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Photon emission for (n,he3)



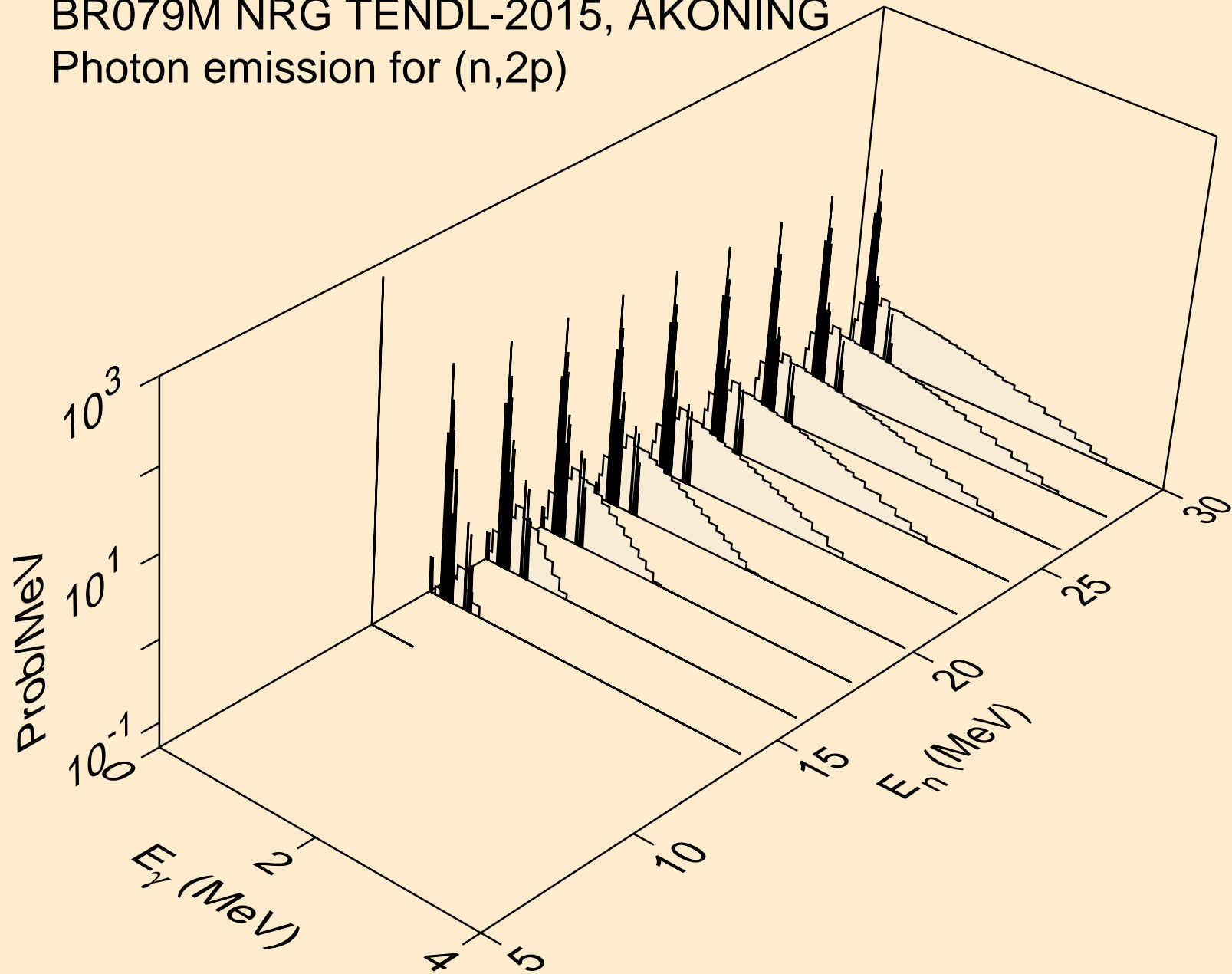
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Photon emission for (n,a)



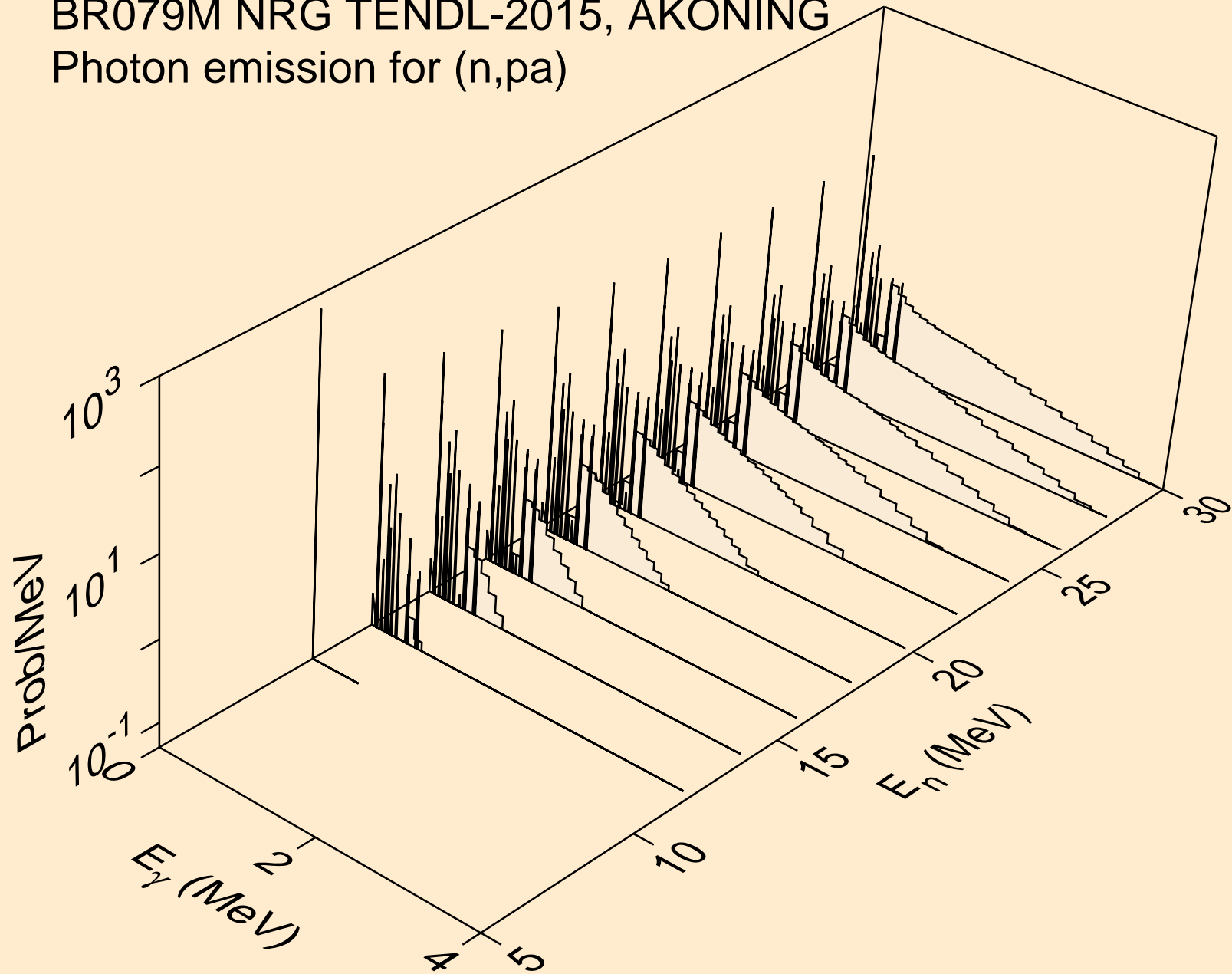
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Photon emission for (n,2a)



BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

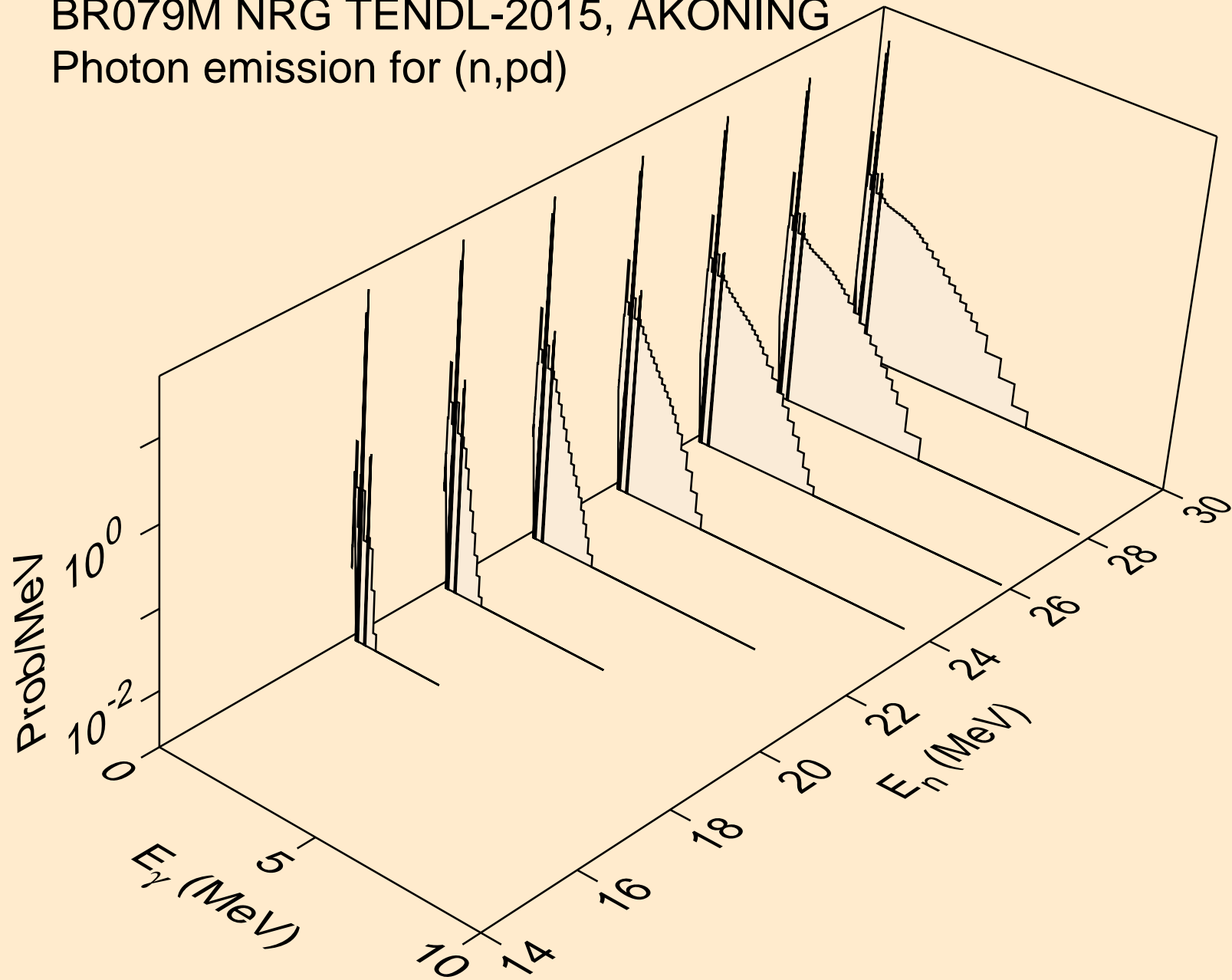


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Photon emission for (n,pa)

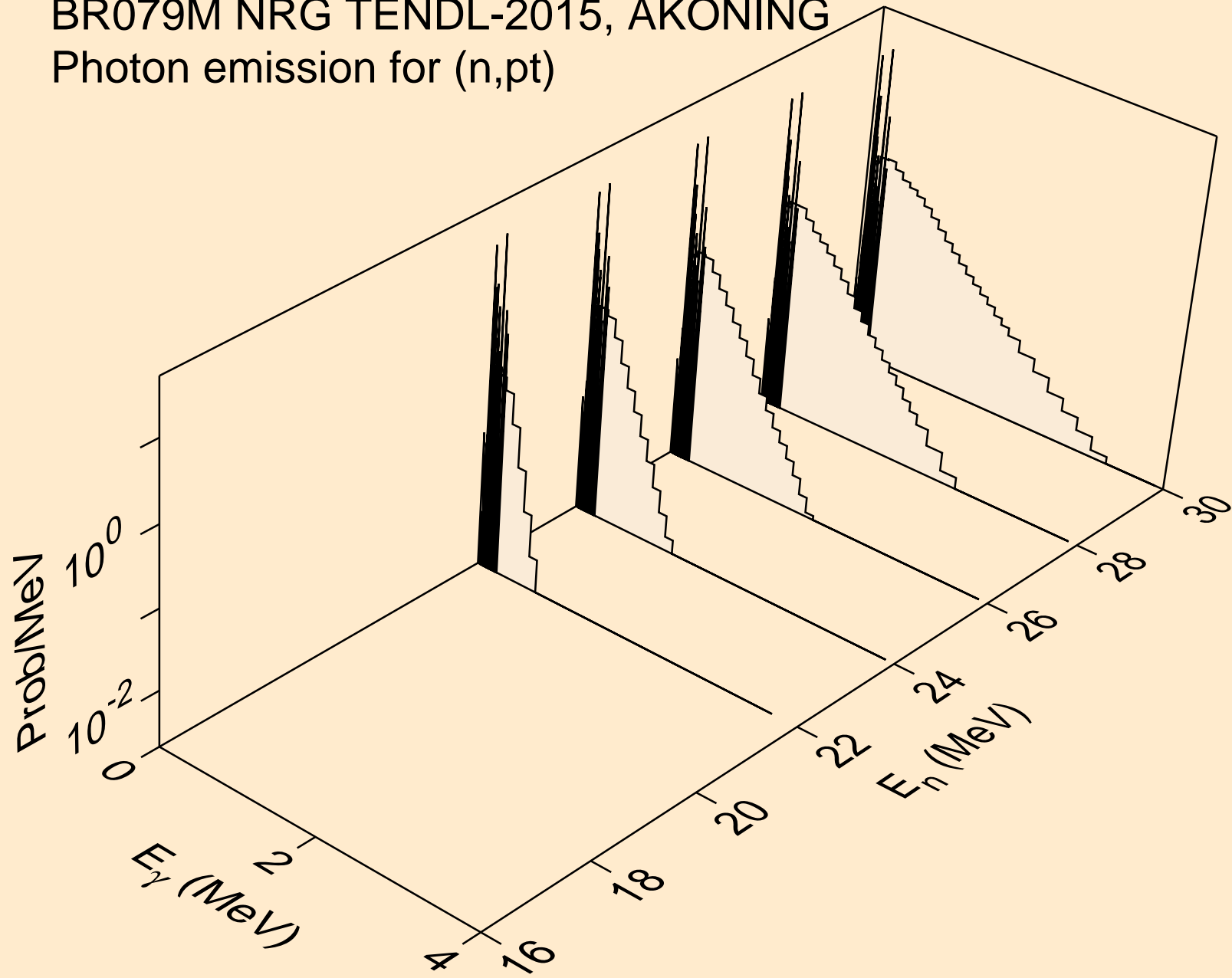




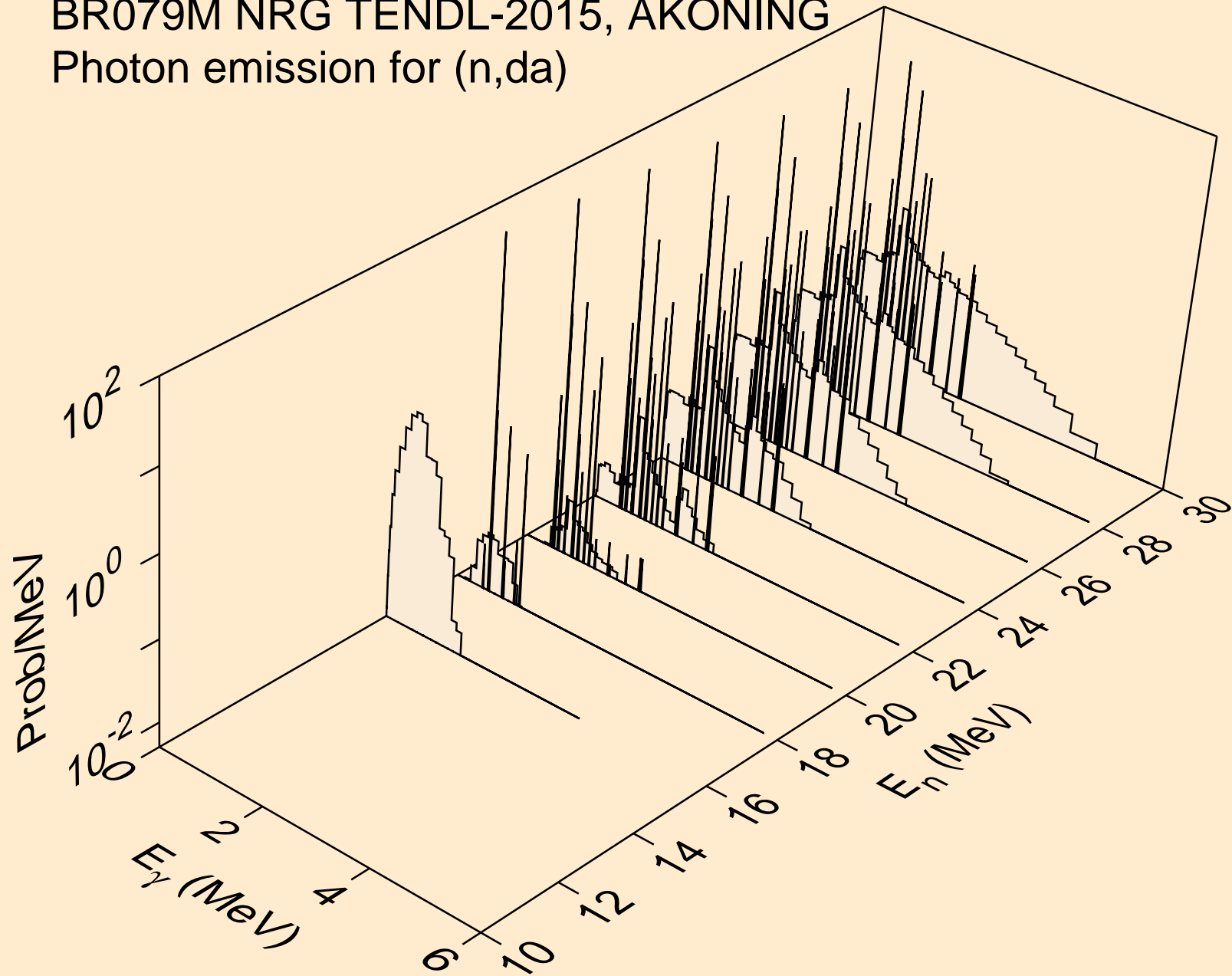
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Photon emission for (n,pd)



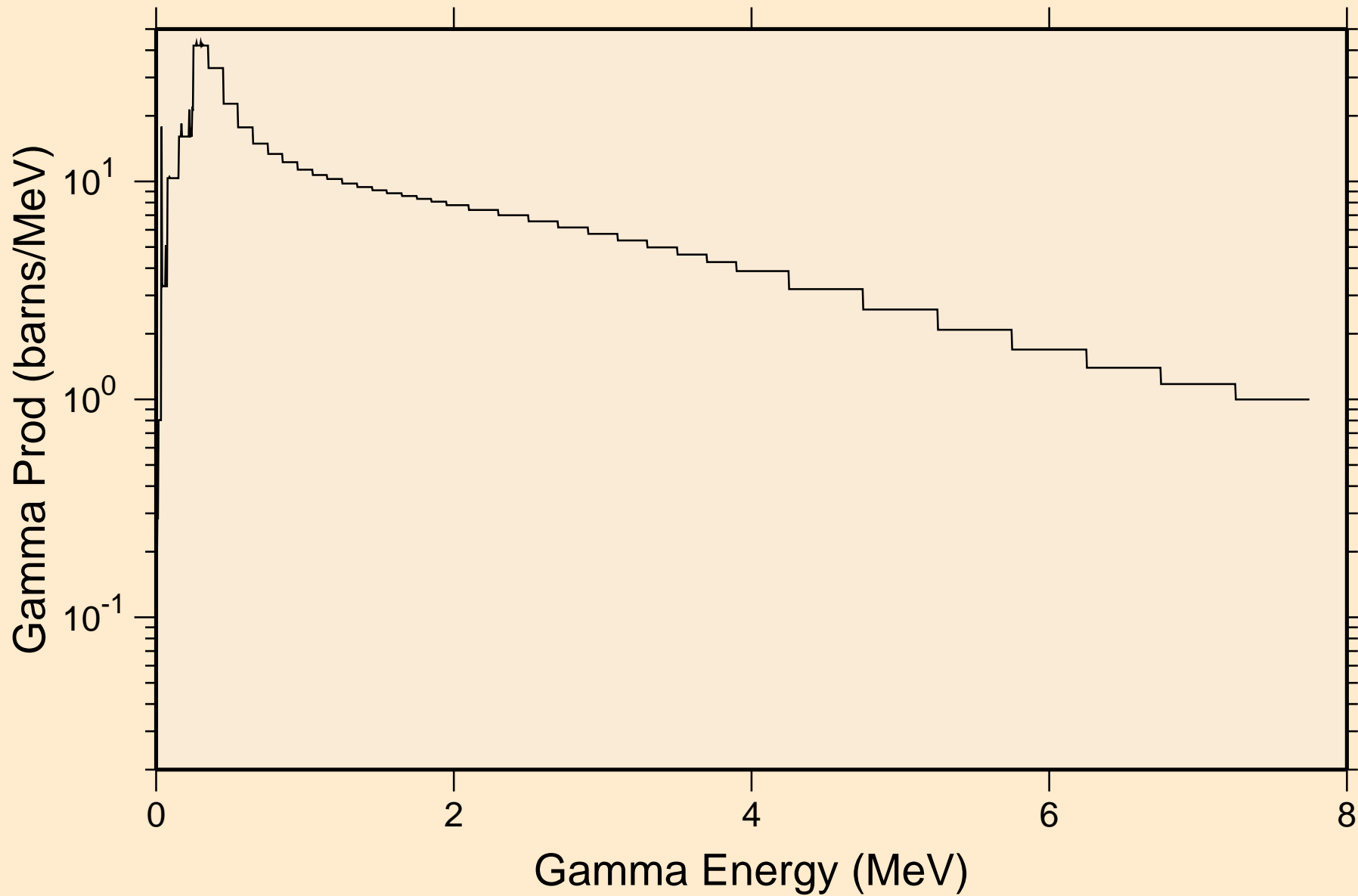
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Photon emission for (n,pt)



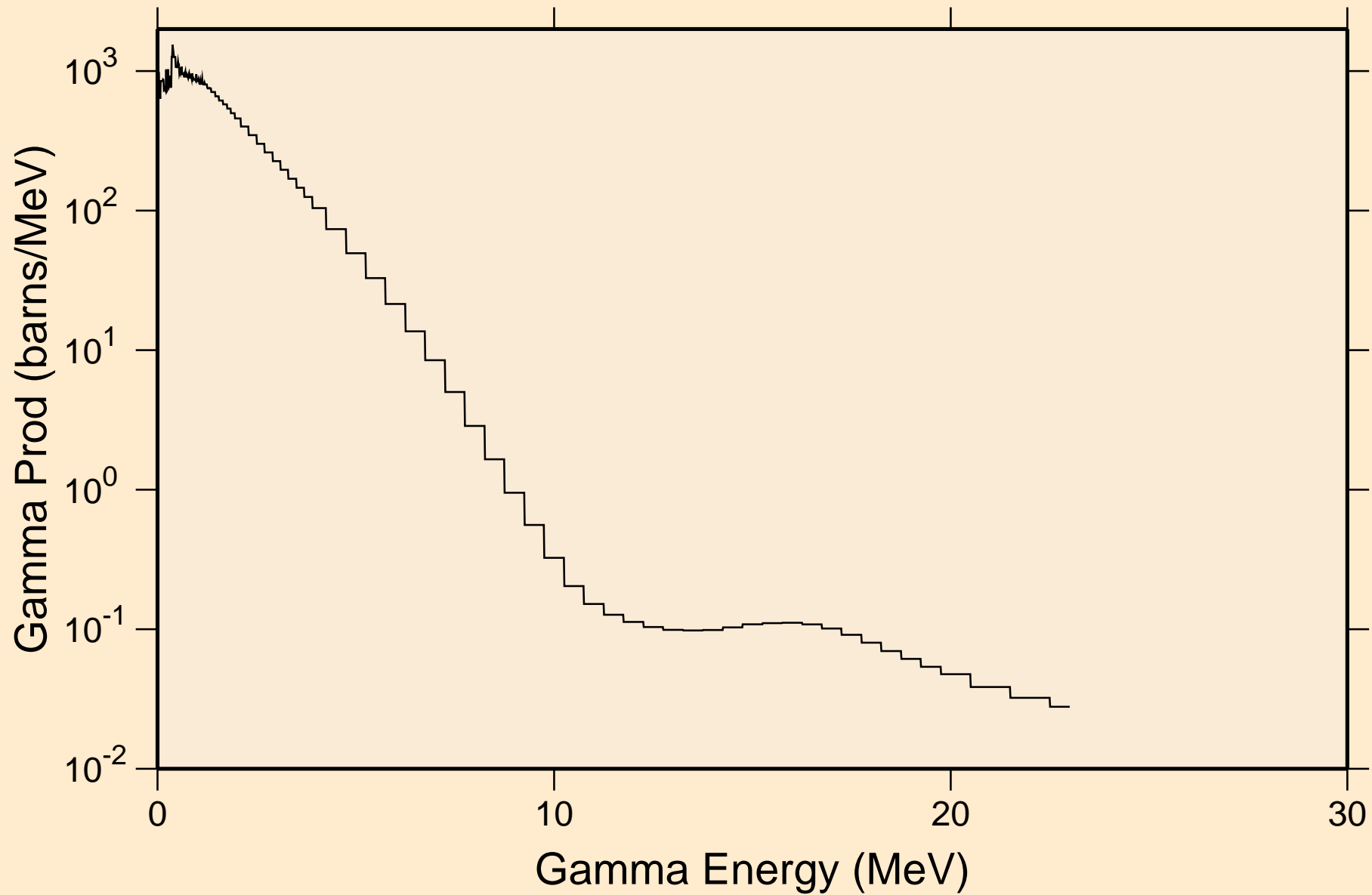
BR079M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BR079M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

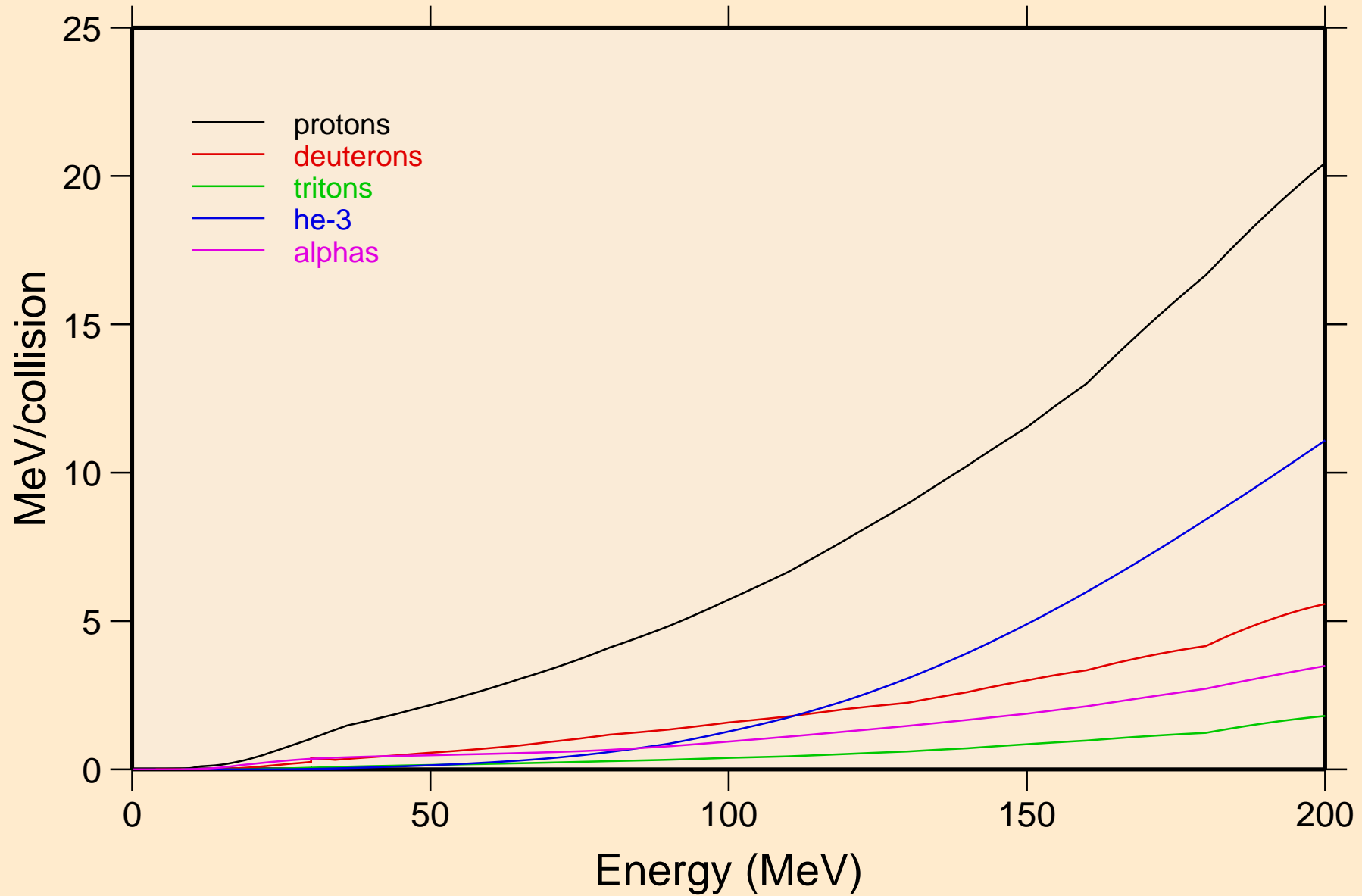


BR079M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



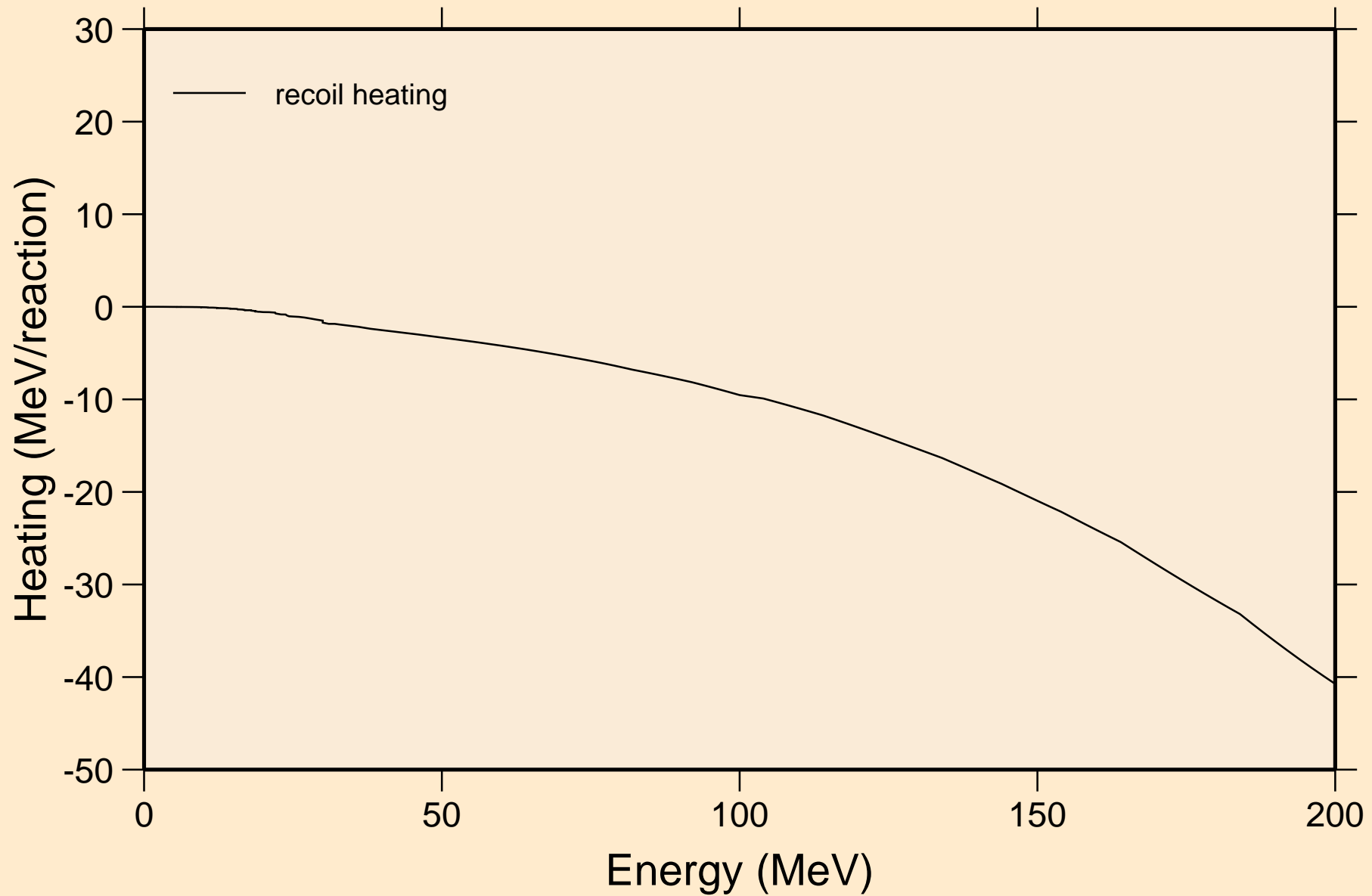
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## Particle heating contributions



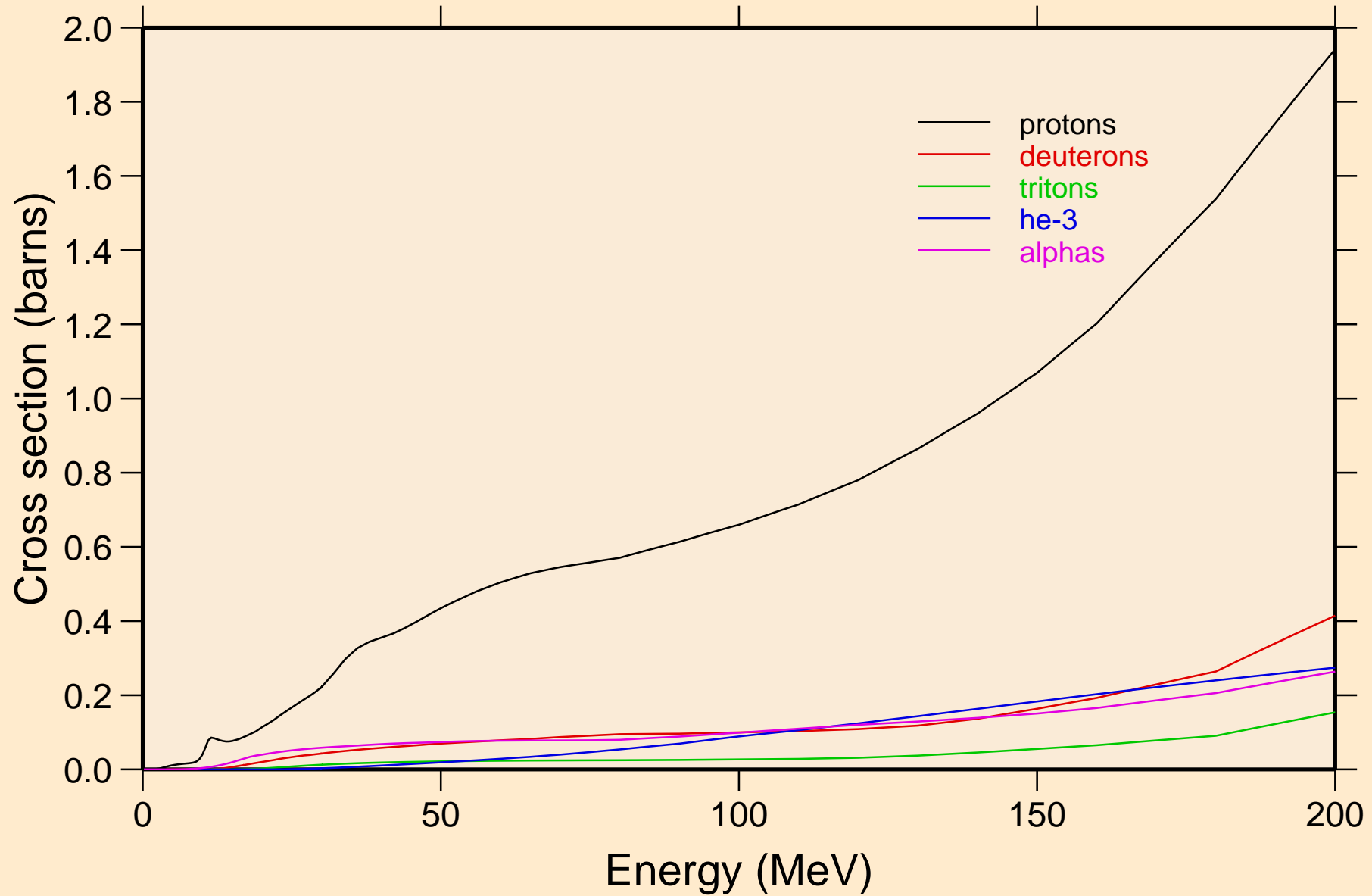
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## Recoil Heating



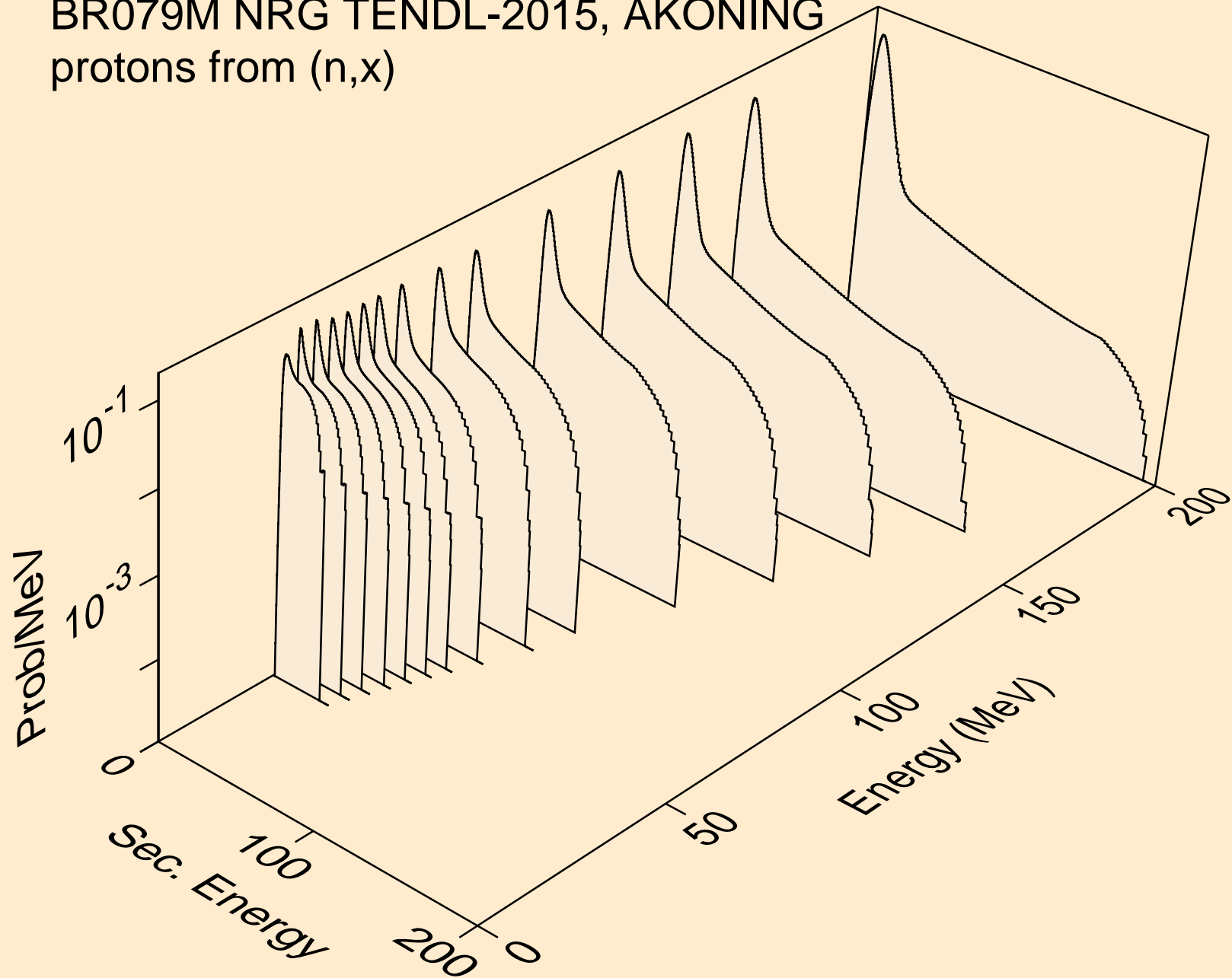
# BR079M NRG TENDL-2015, AKONING

## Particle production cross sections

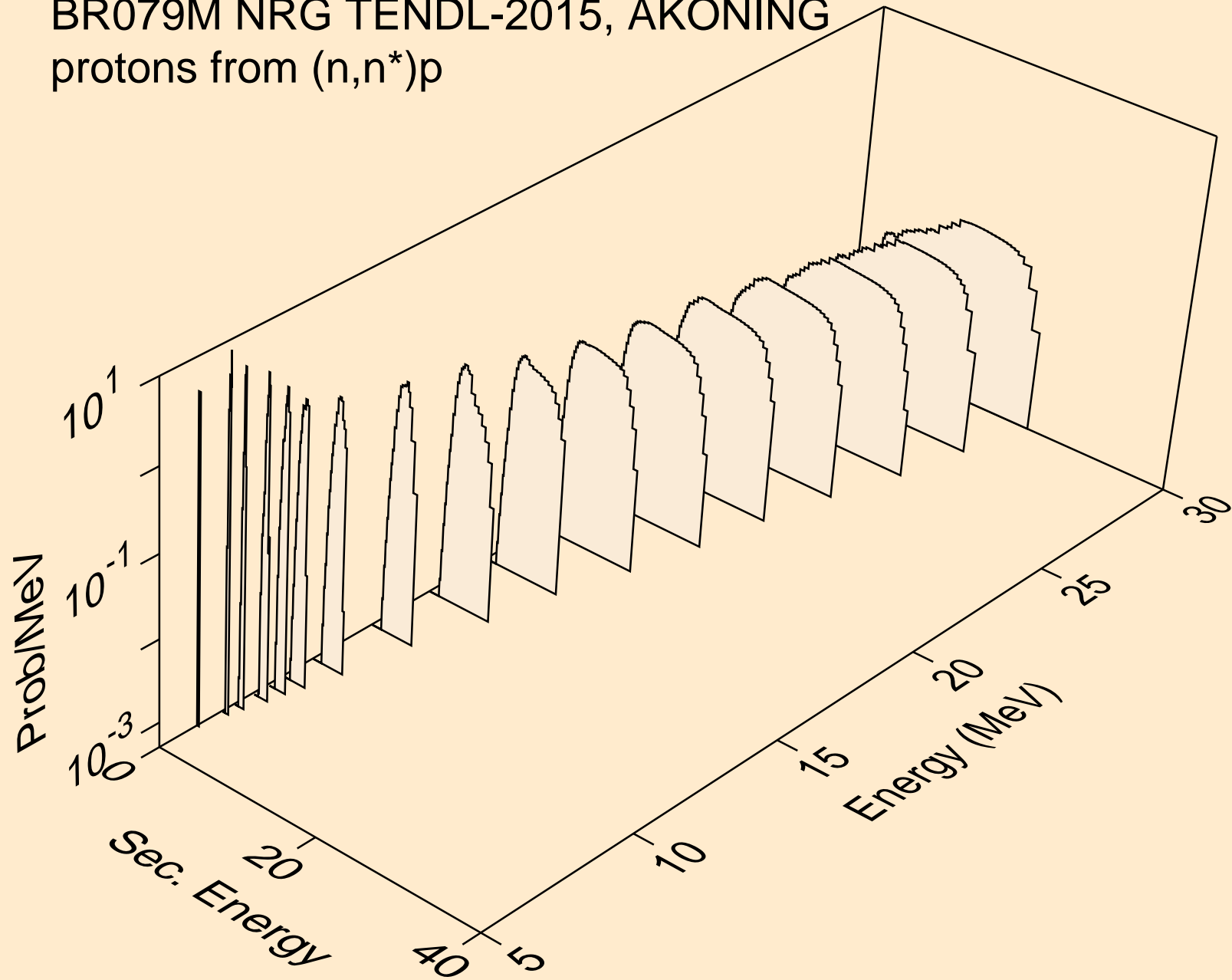




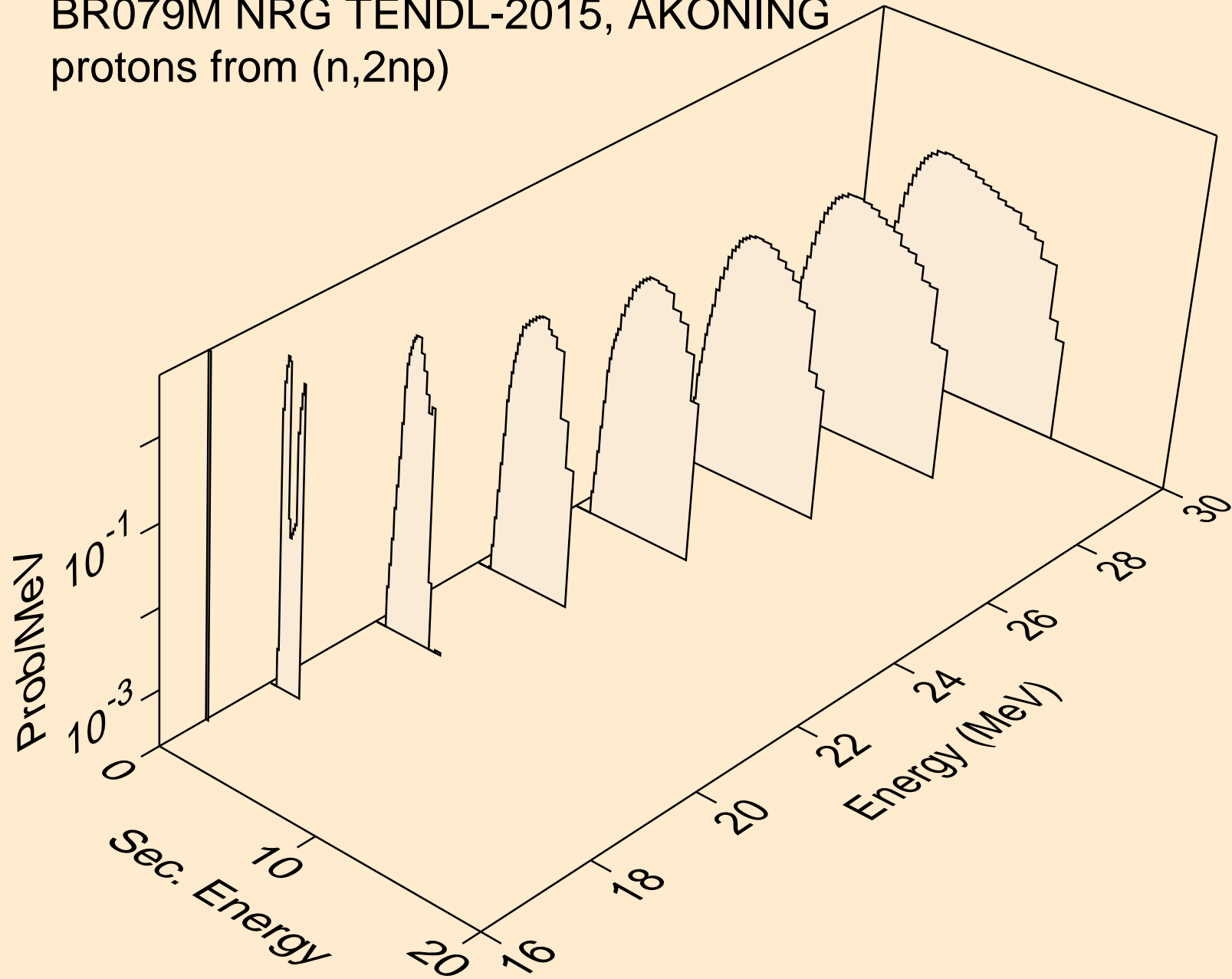
BR079M NRG TENDL-2015, AKONING  
protons from (n,x)



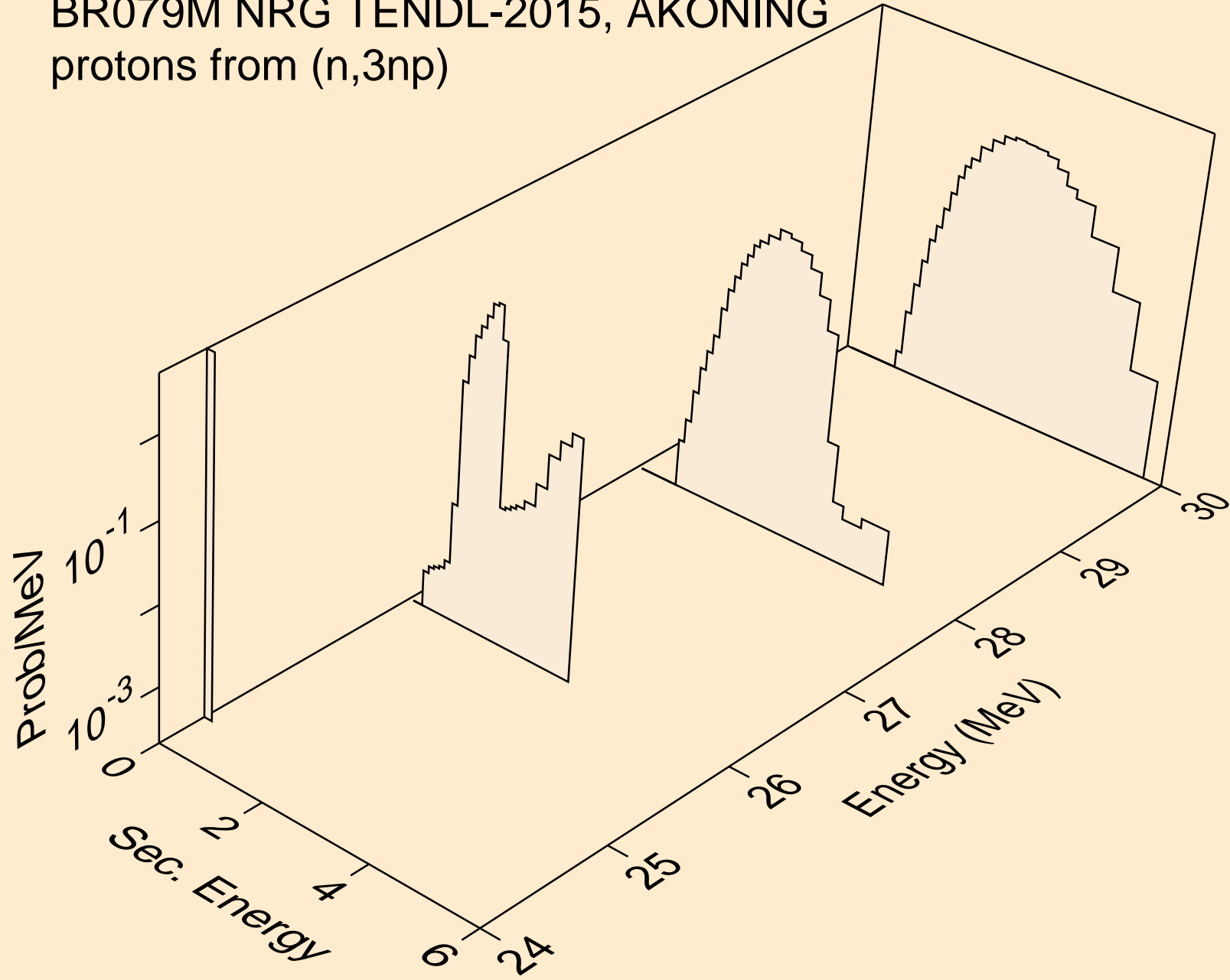
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protons from (n,n\*)p



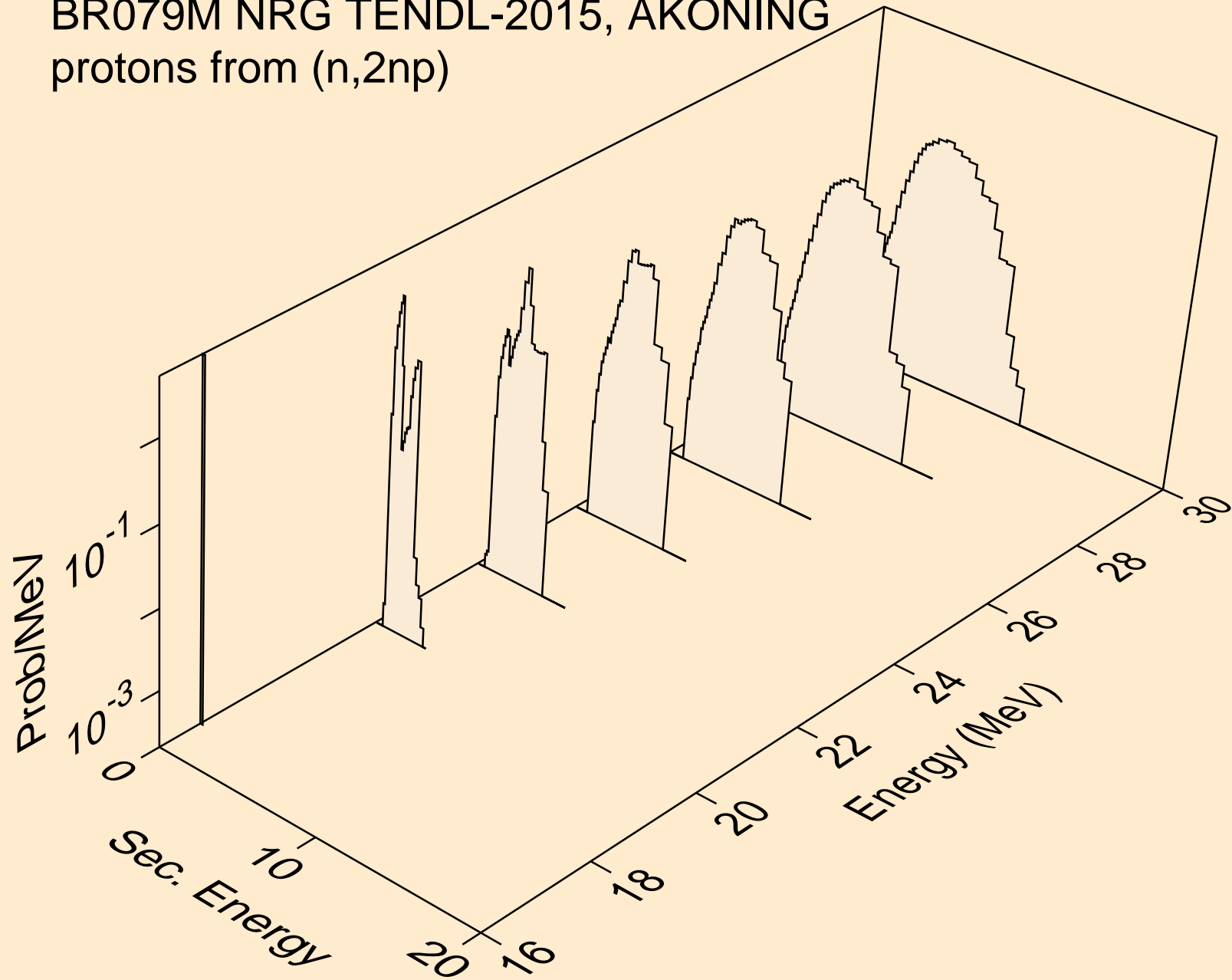
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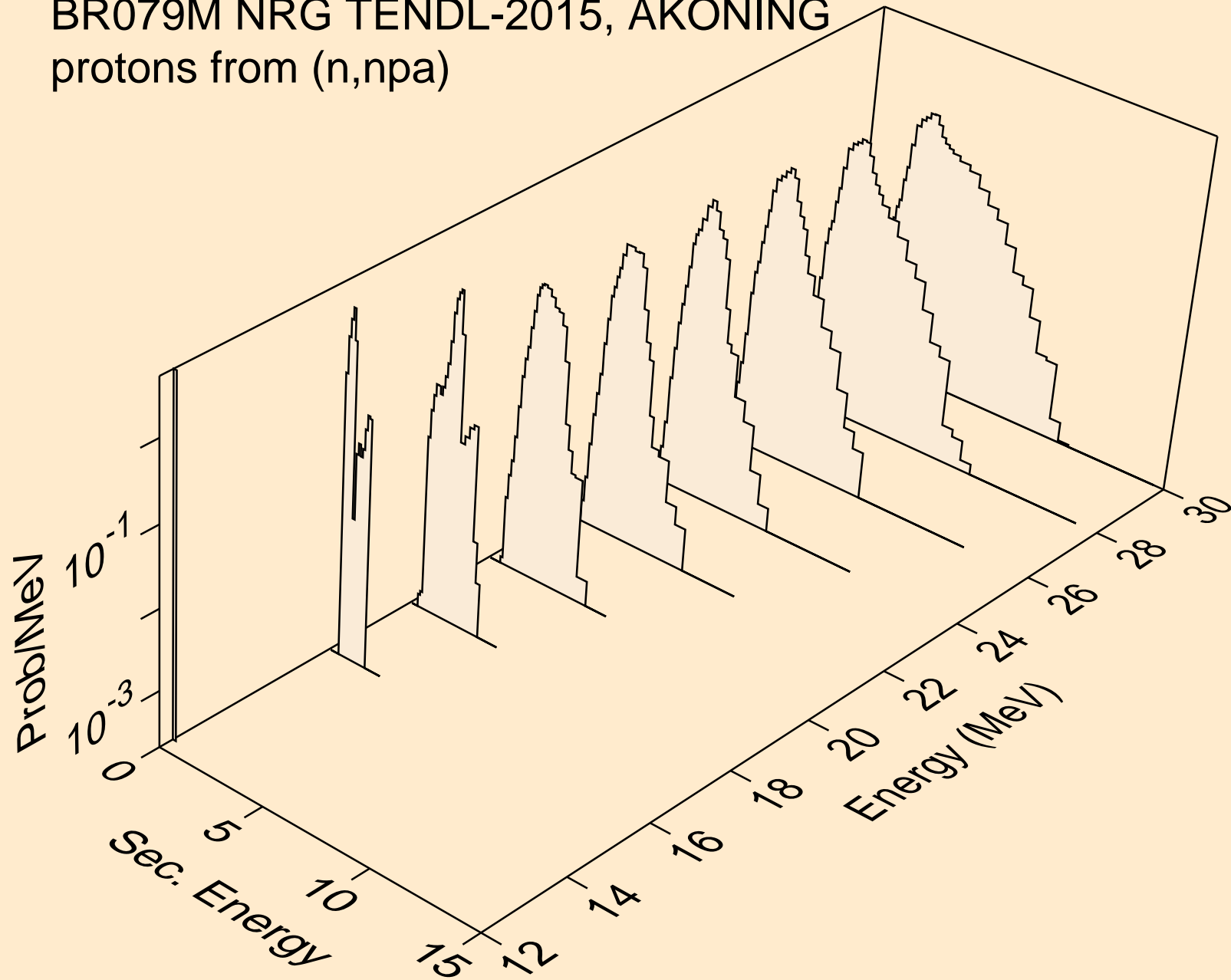
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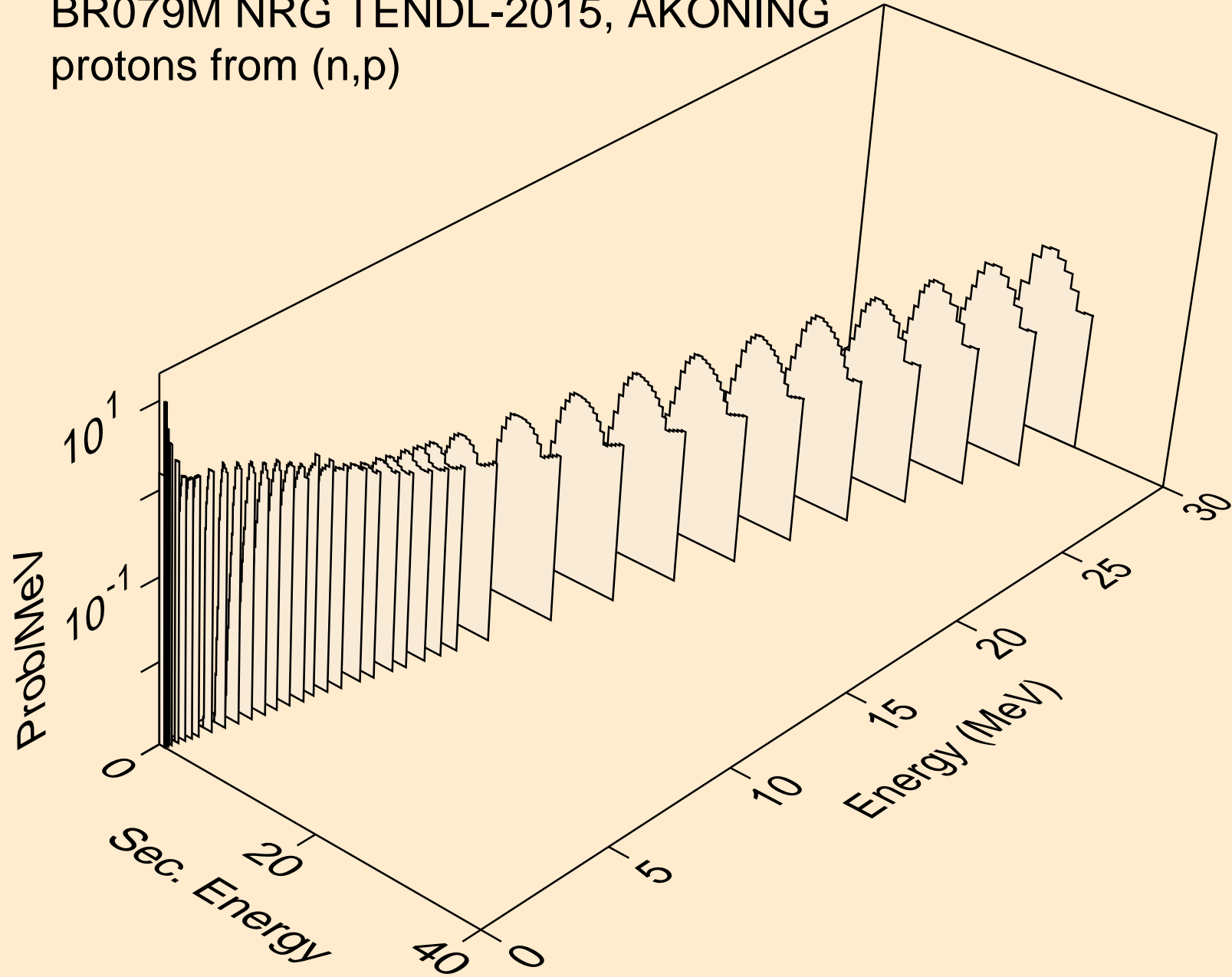
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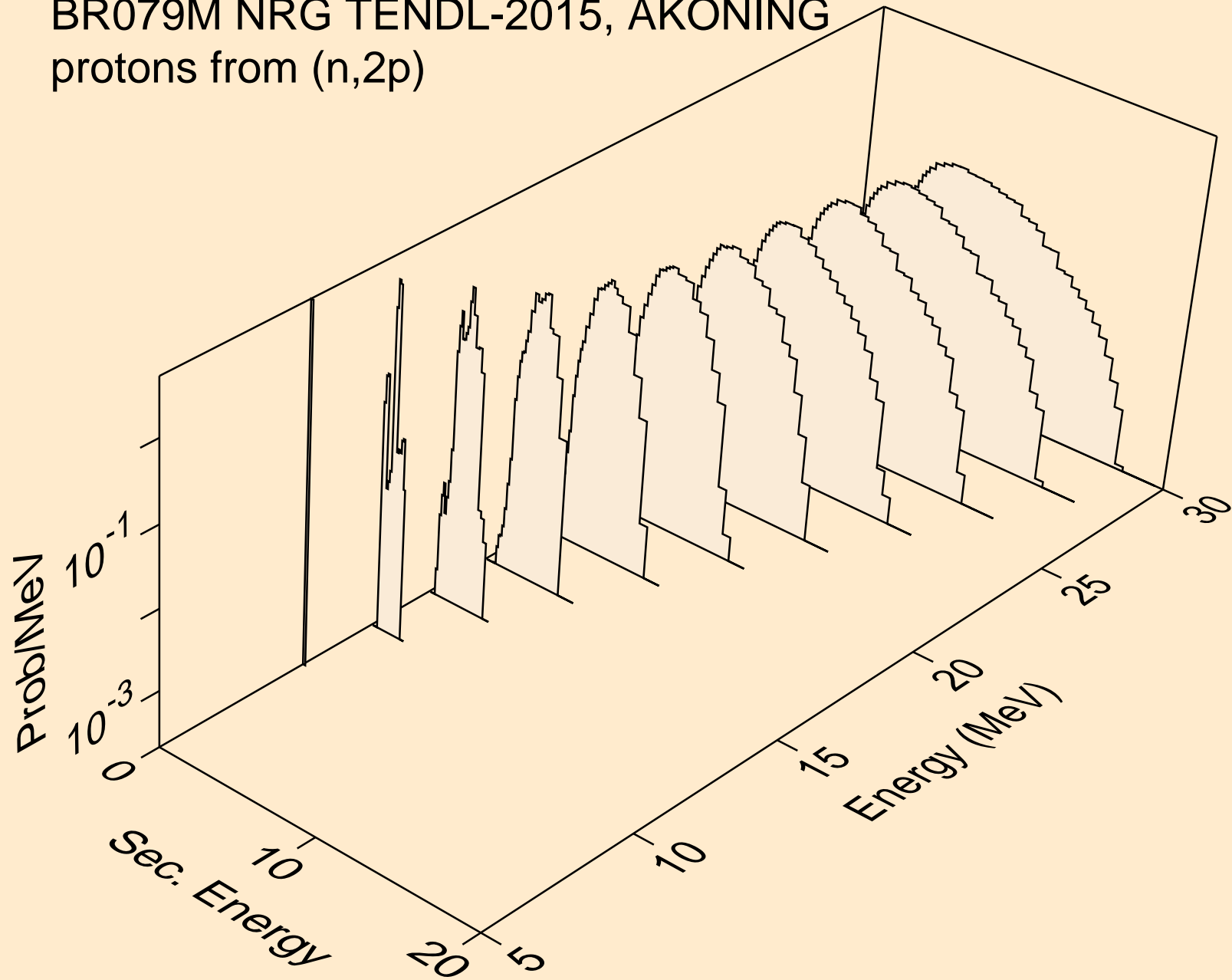
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protons from (n,npa)



BR079M NRG TENDL-2015, AKONING  
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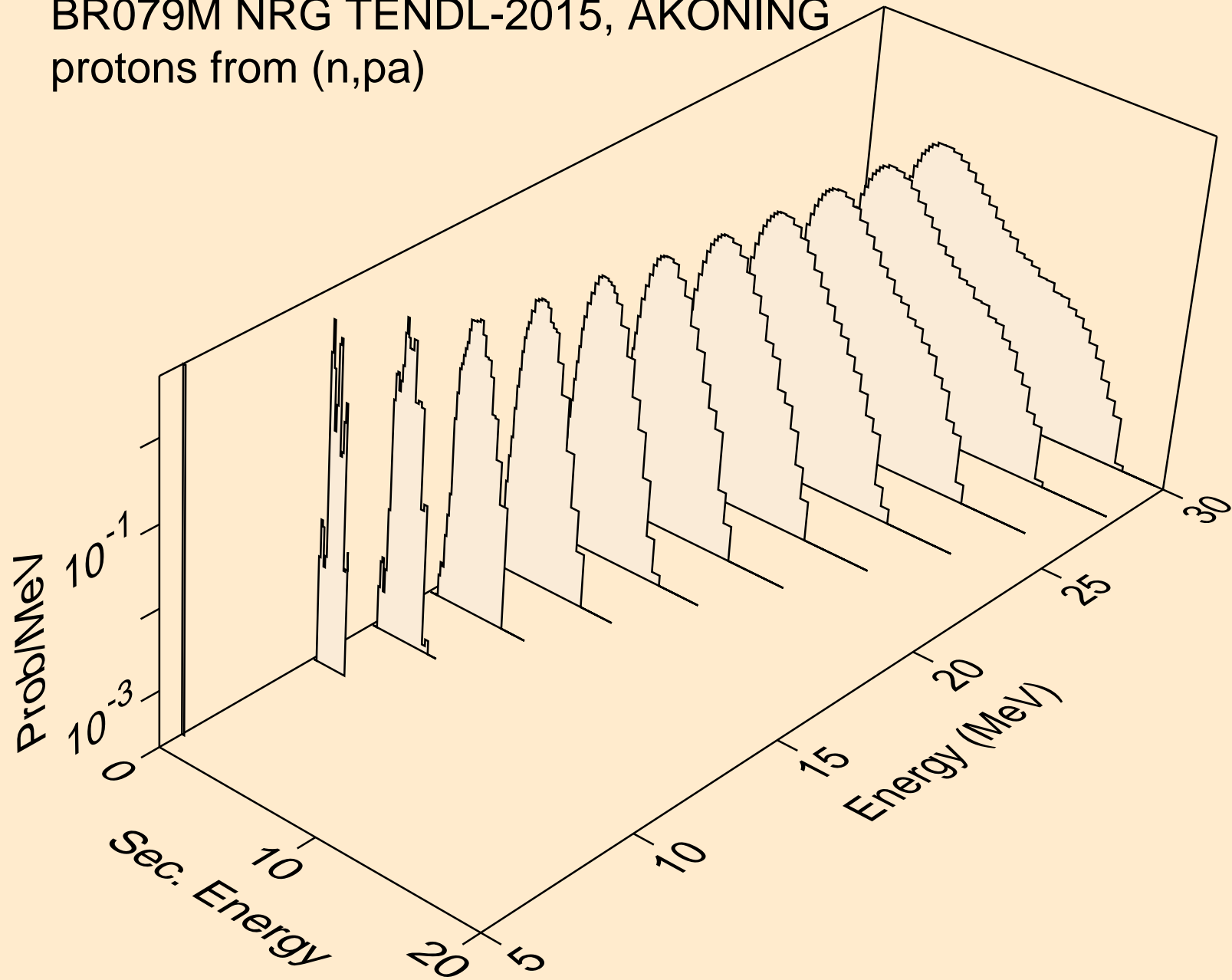


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protons from (n,2p)

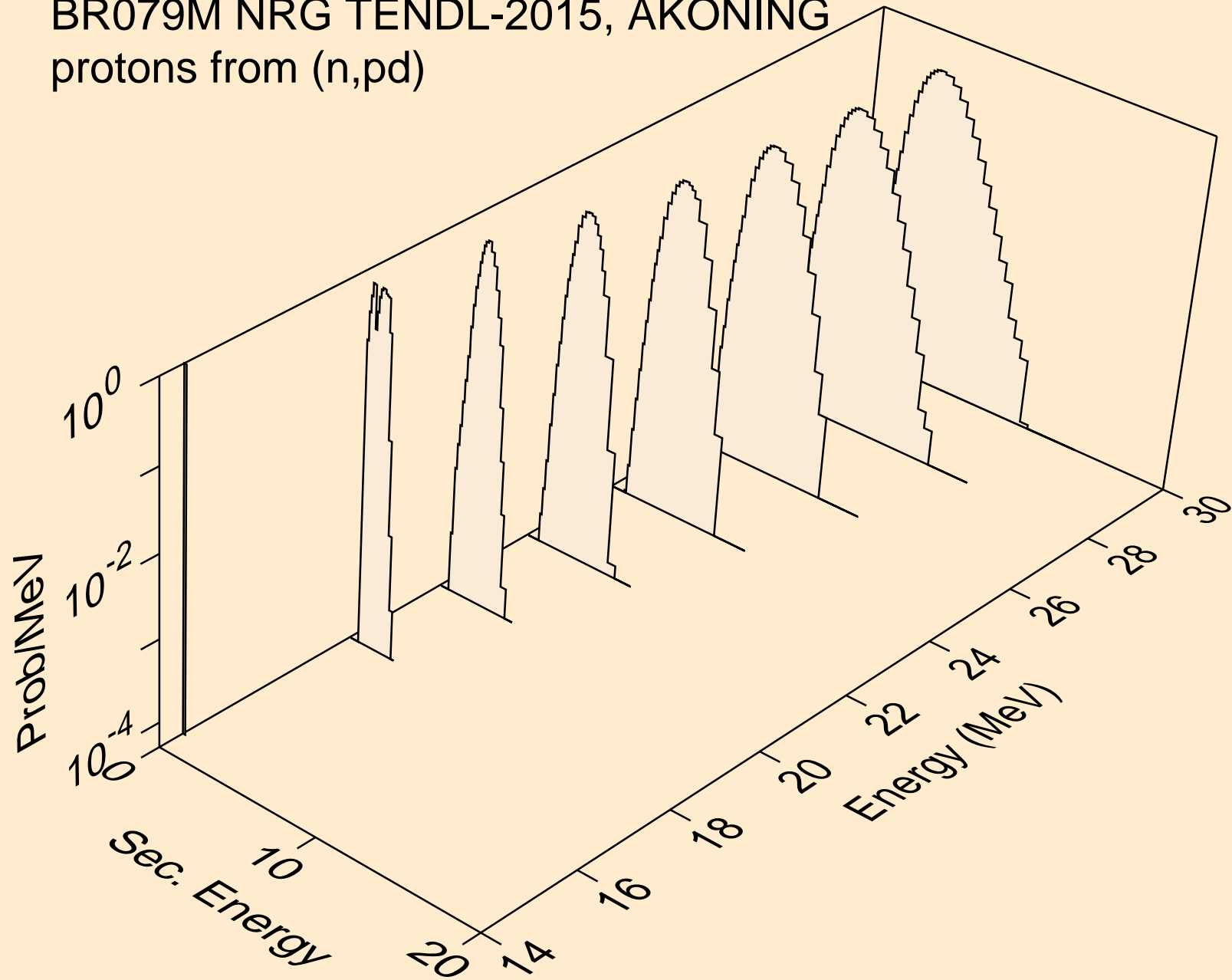




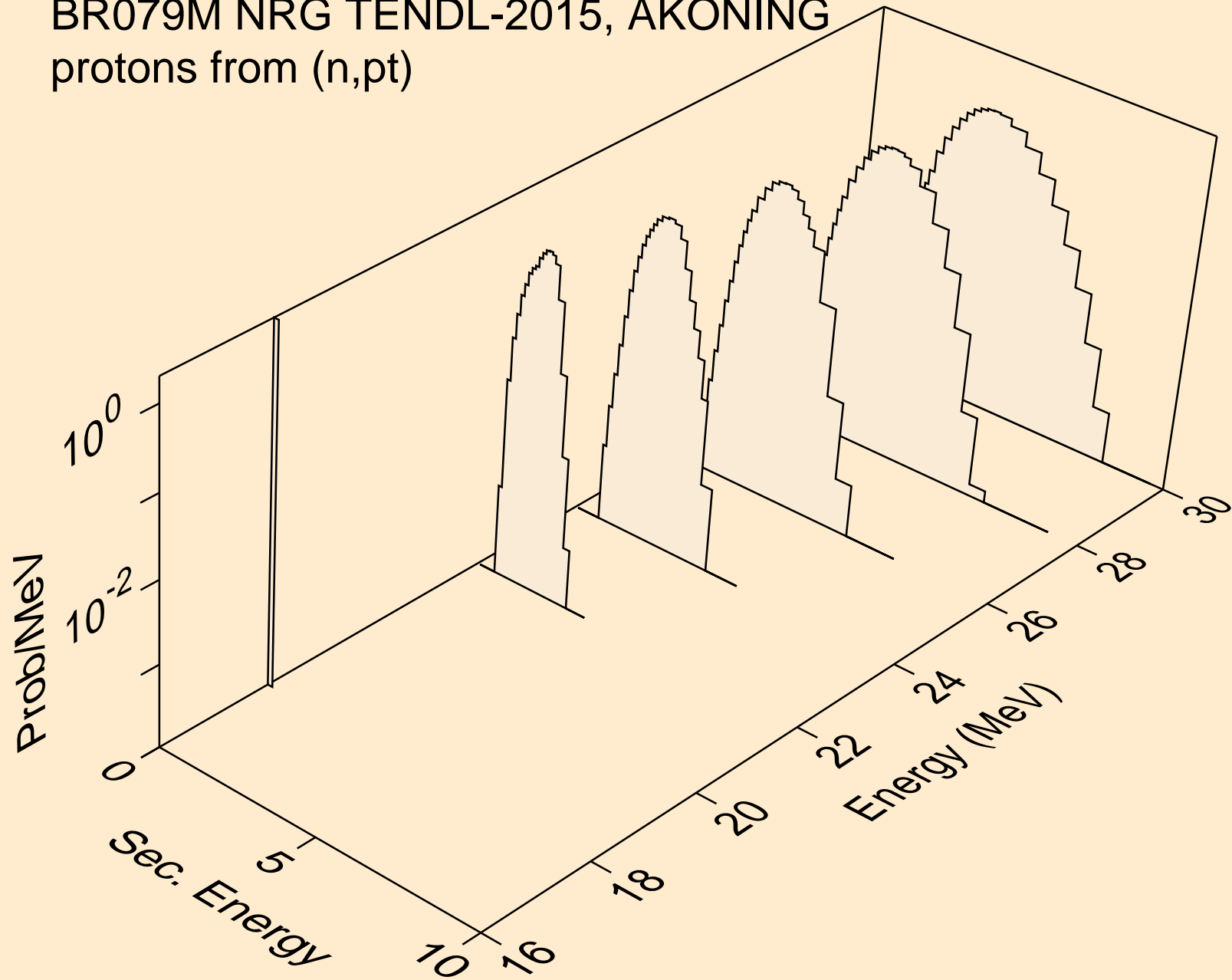
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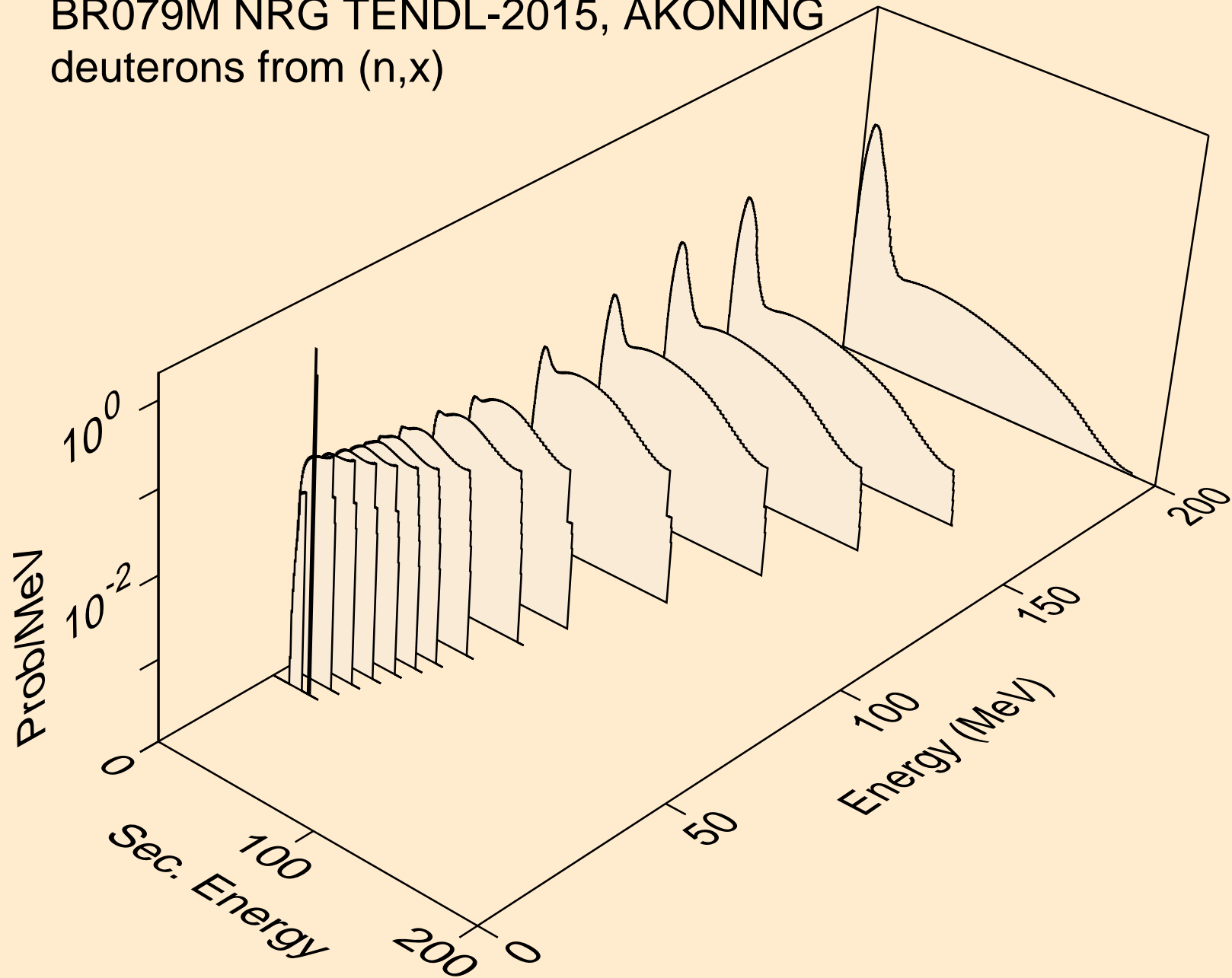
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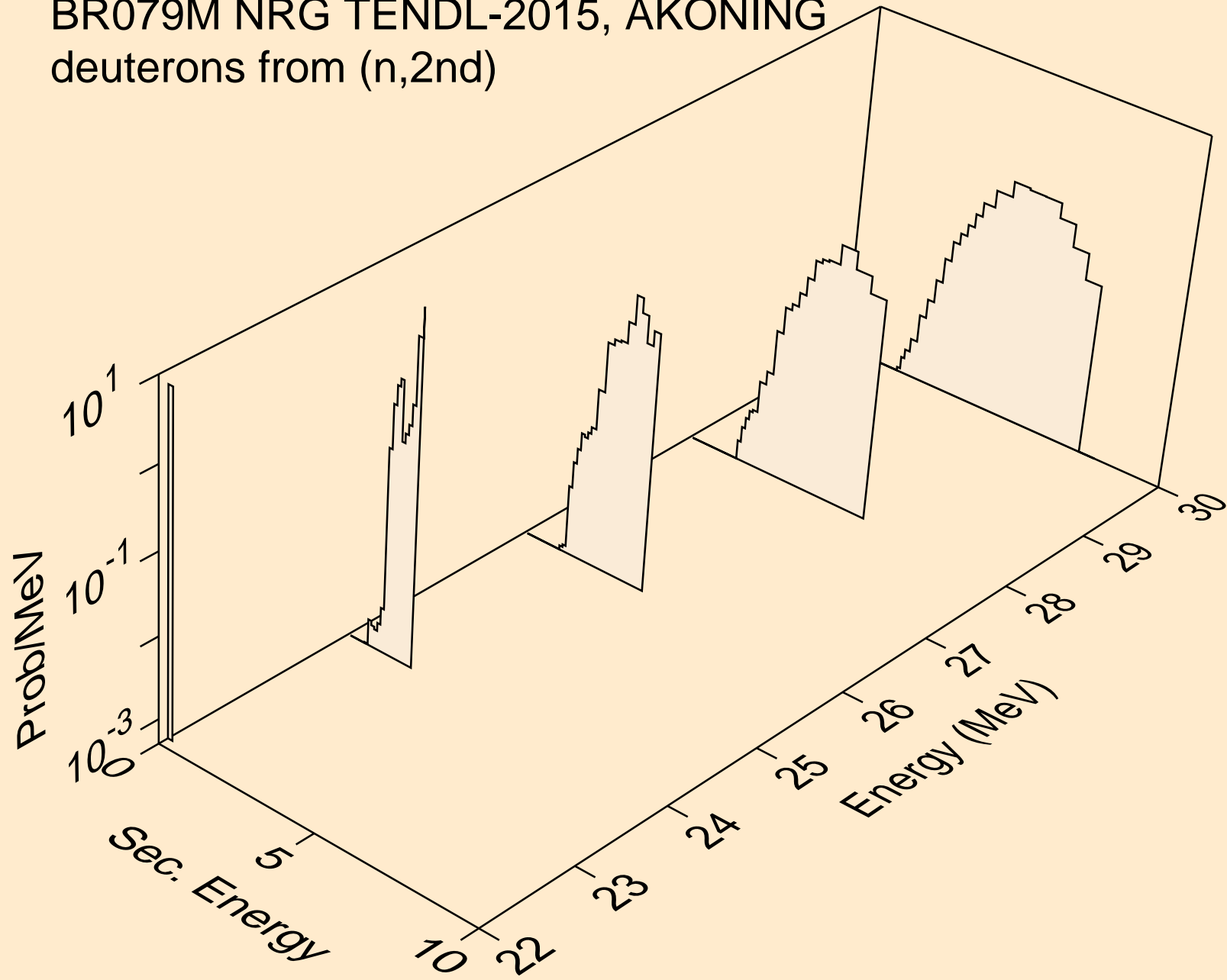
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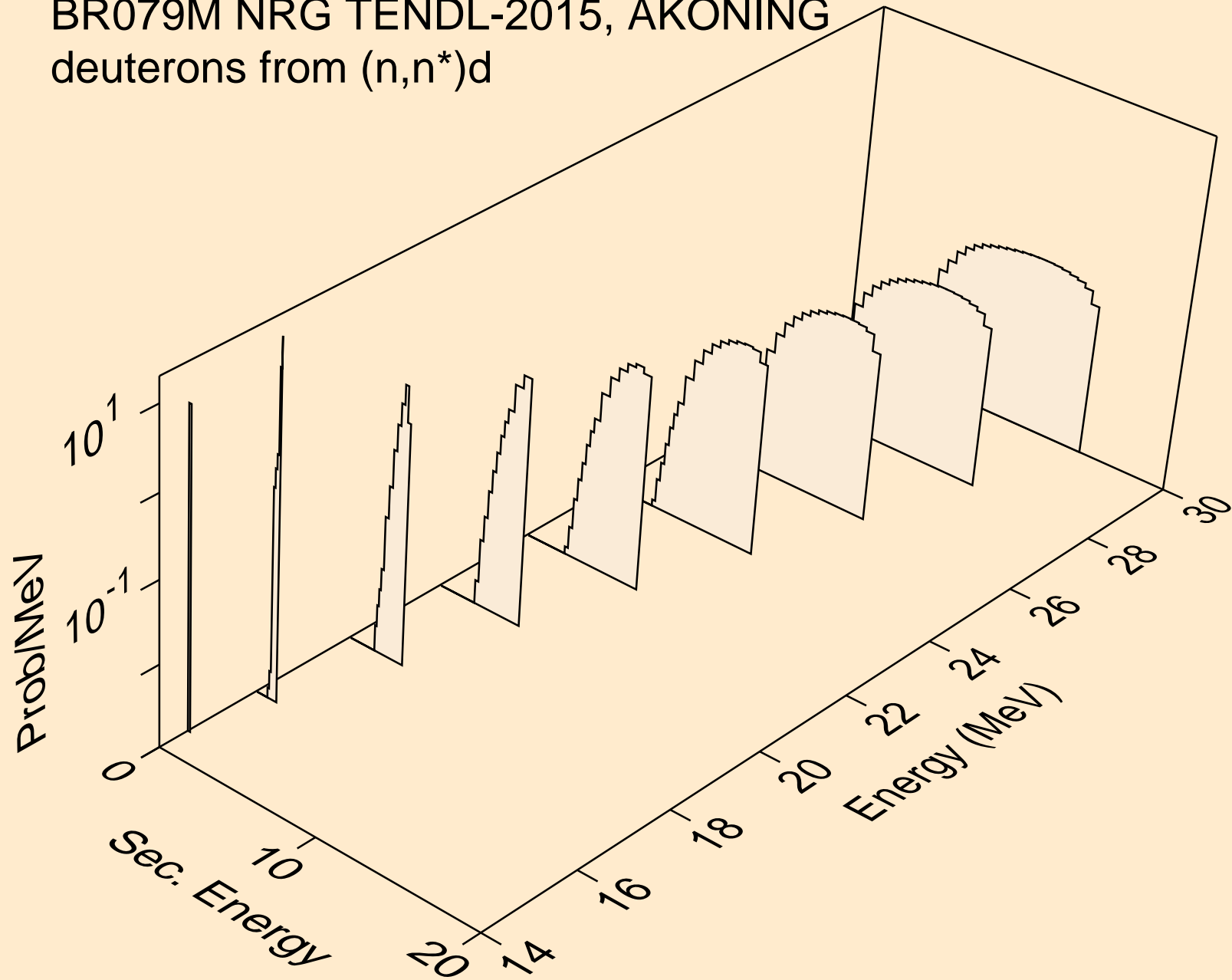
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deuterons from (n,x)



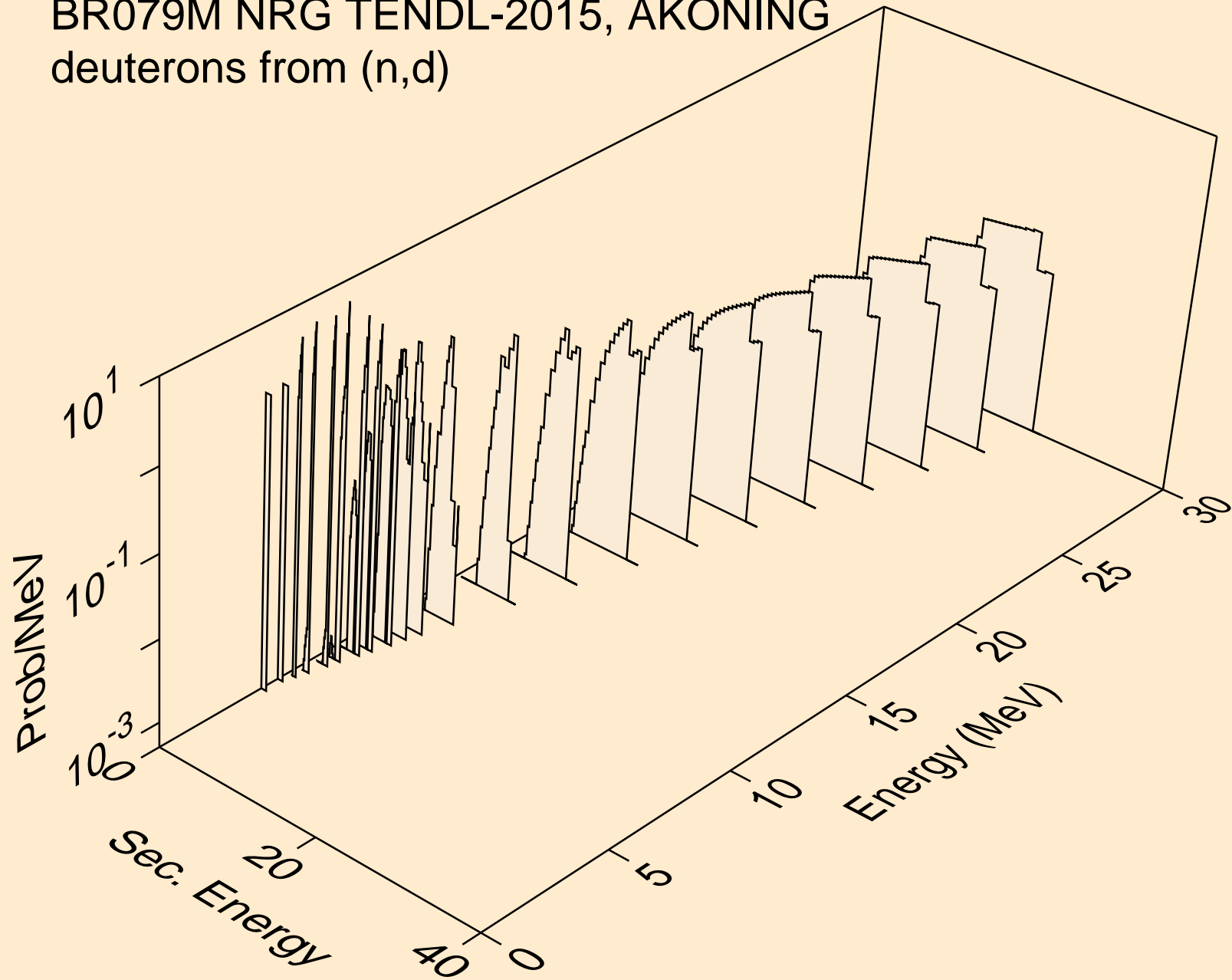
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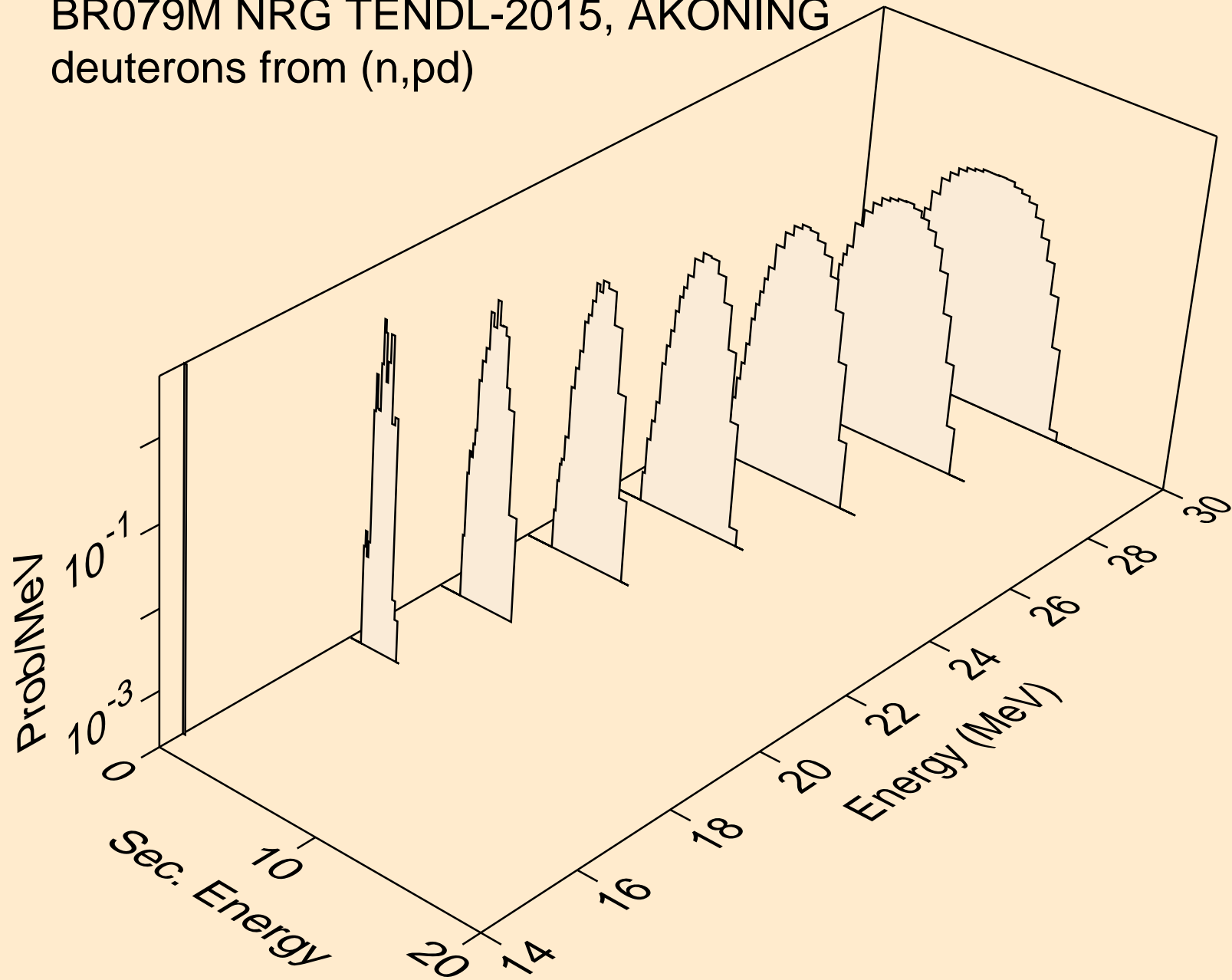
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deuterons from (n,n\*)d



BR079M NRG TENDL-2015, AKONING  
deuterons from (n,d)

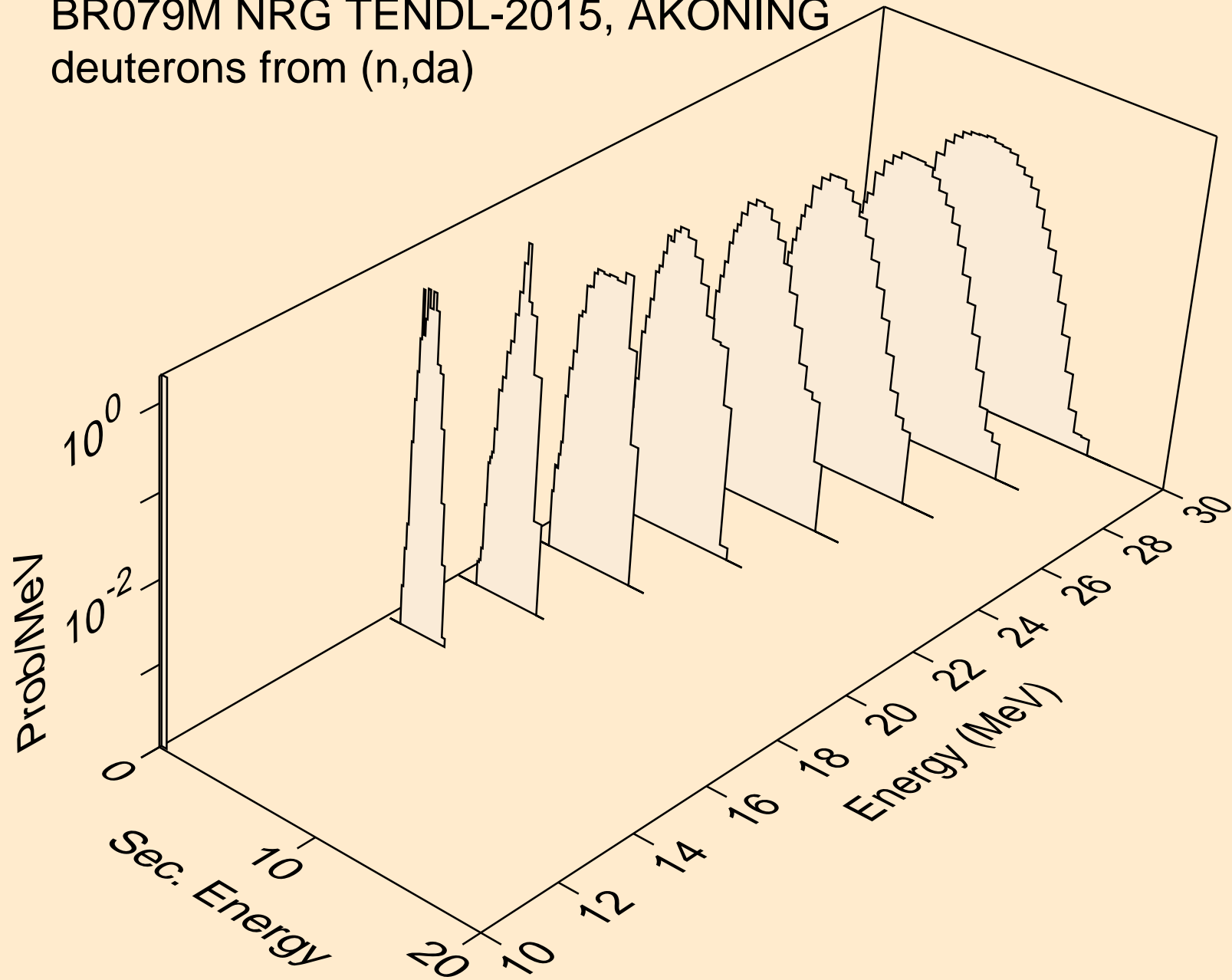


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deuterons from (n,pd)

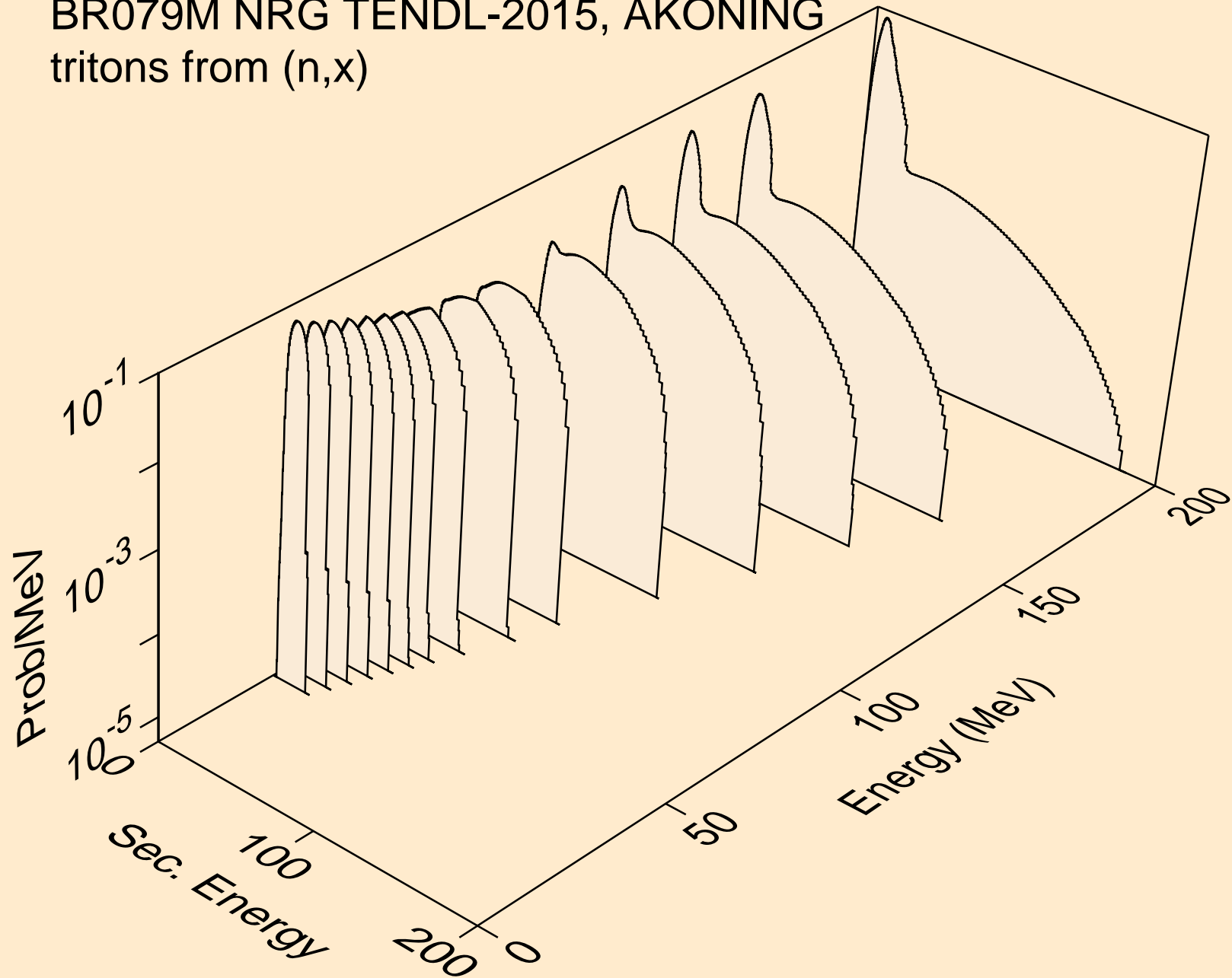




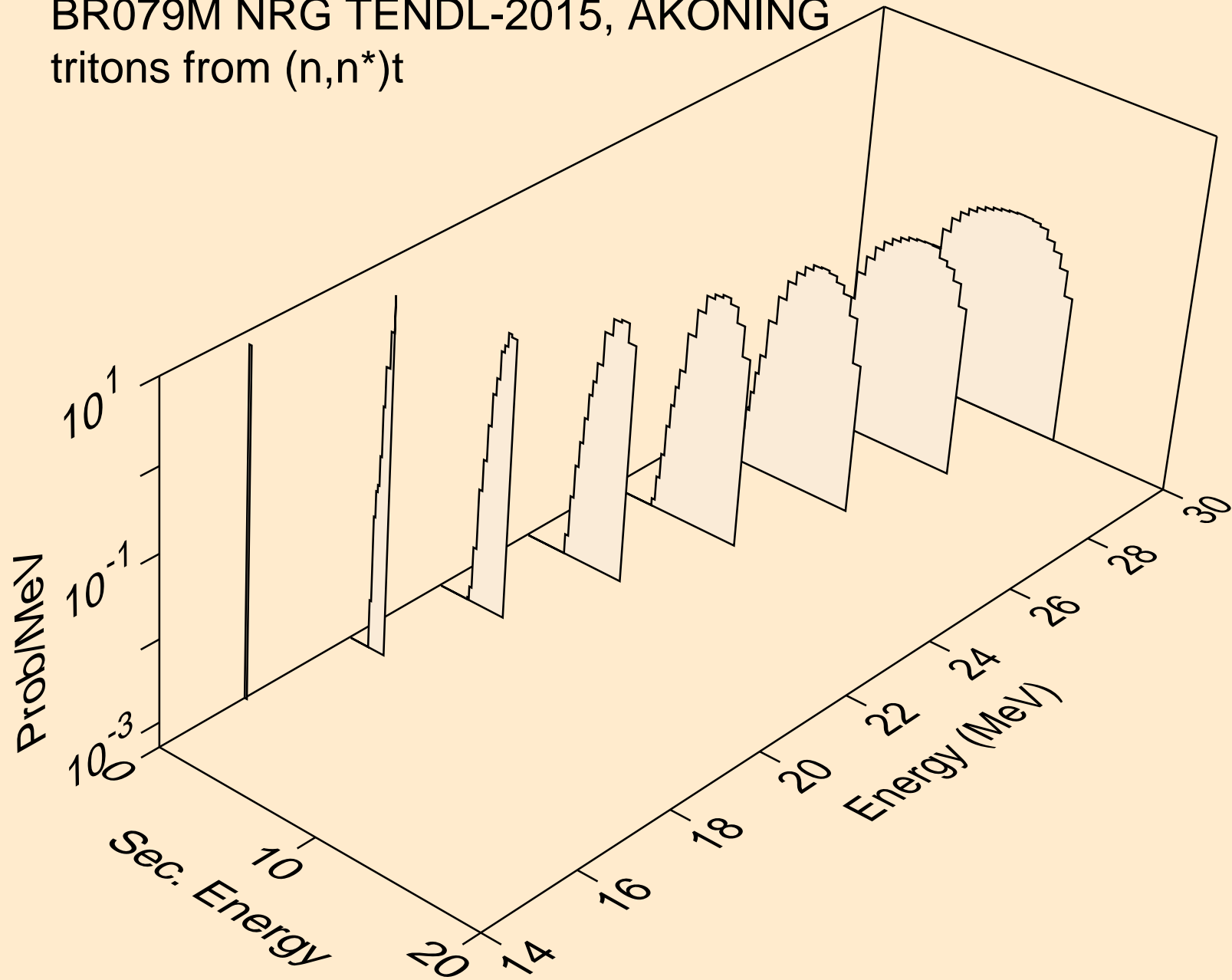
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deuterons from (n,da)



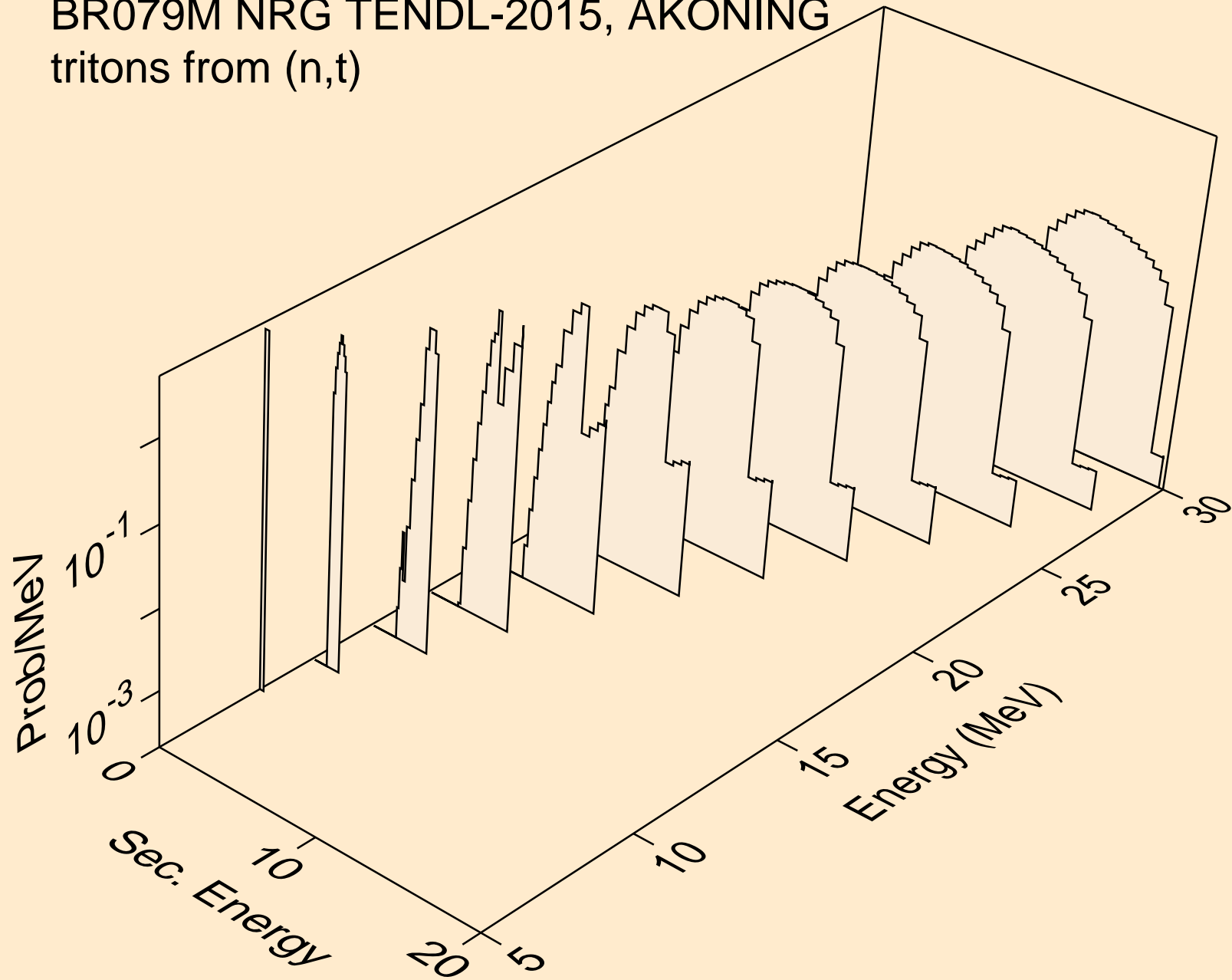
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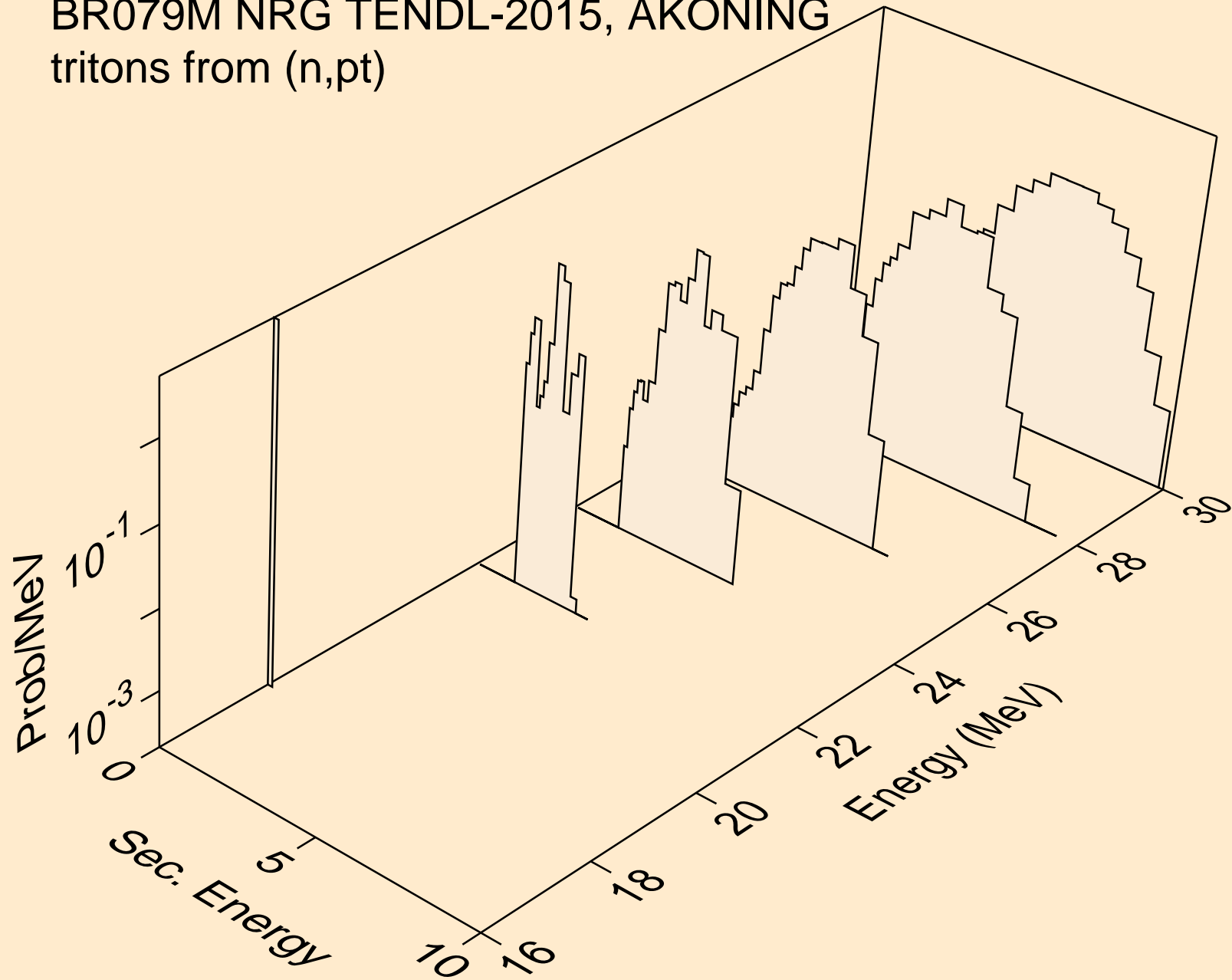
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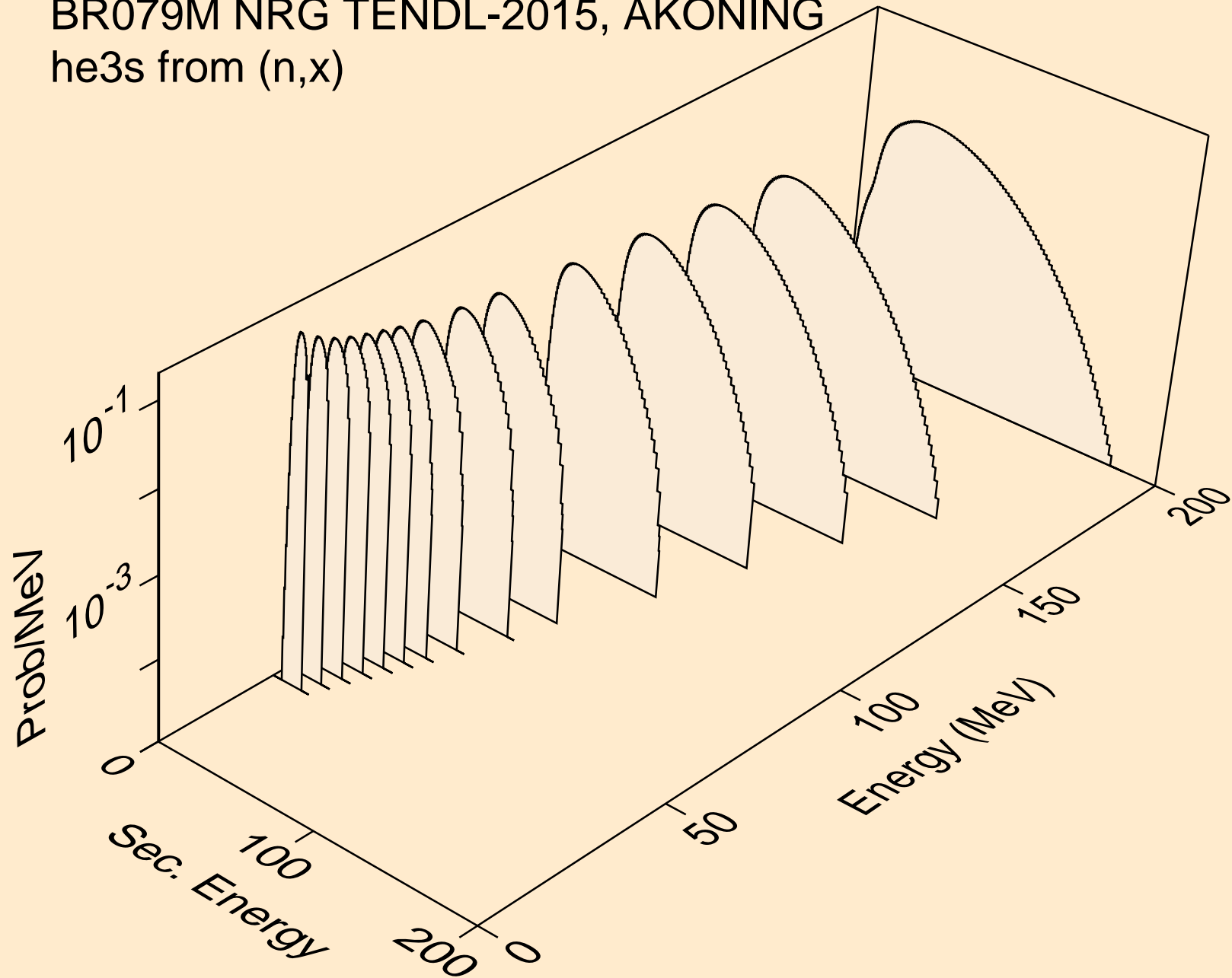
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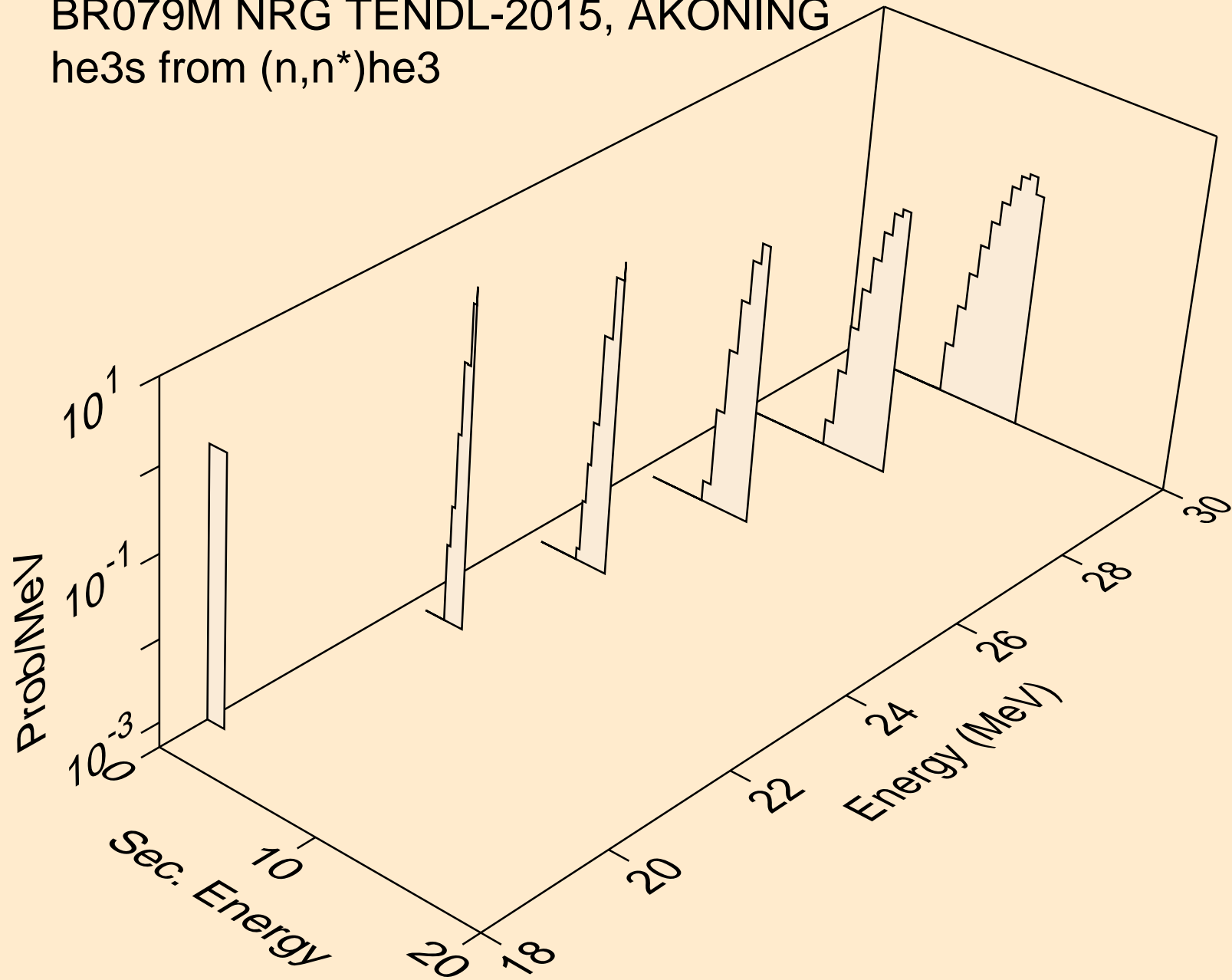
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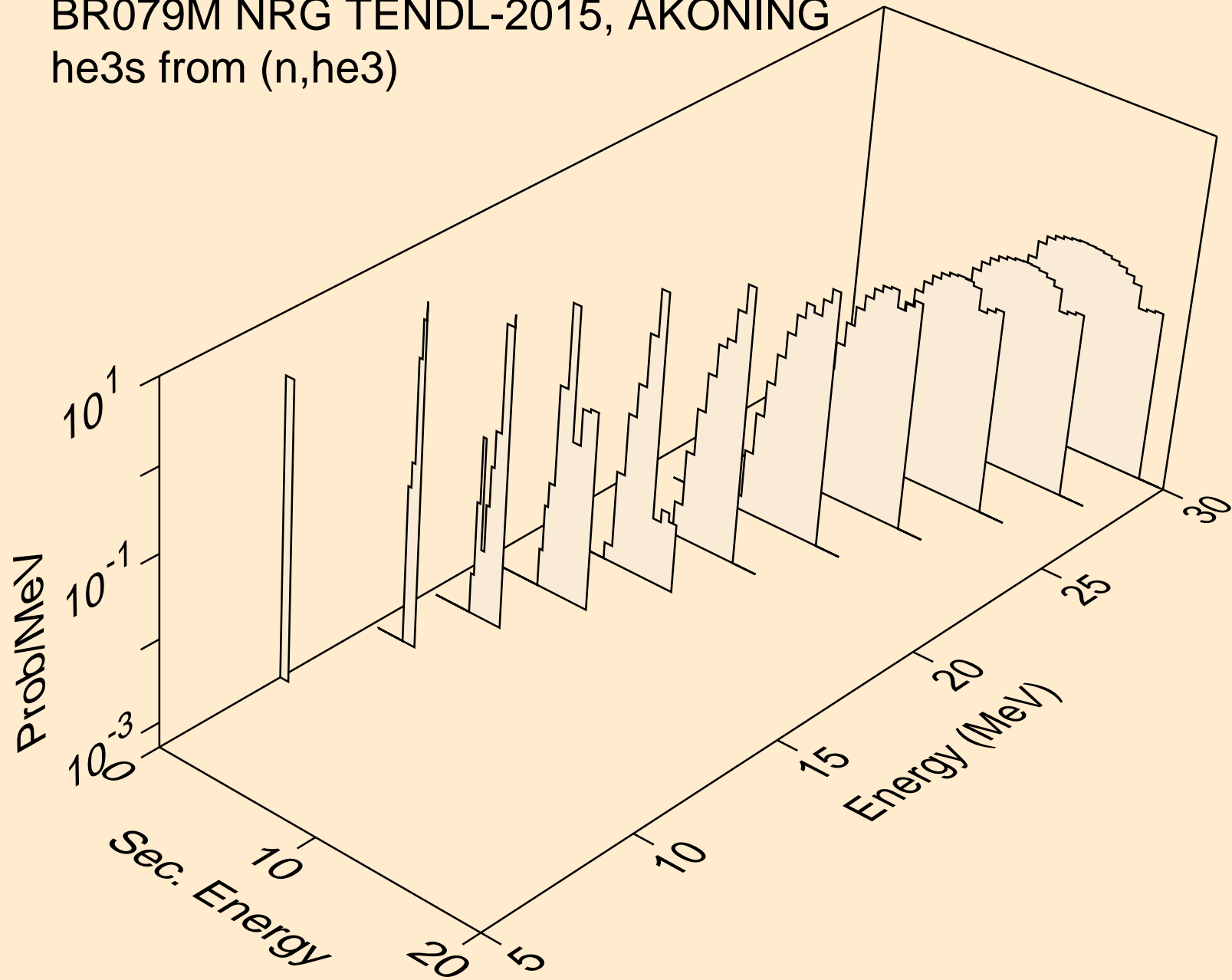
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he3s from (n,x)



BR079M NRG TENDL-2015, AKONING  
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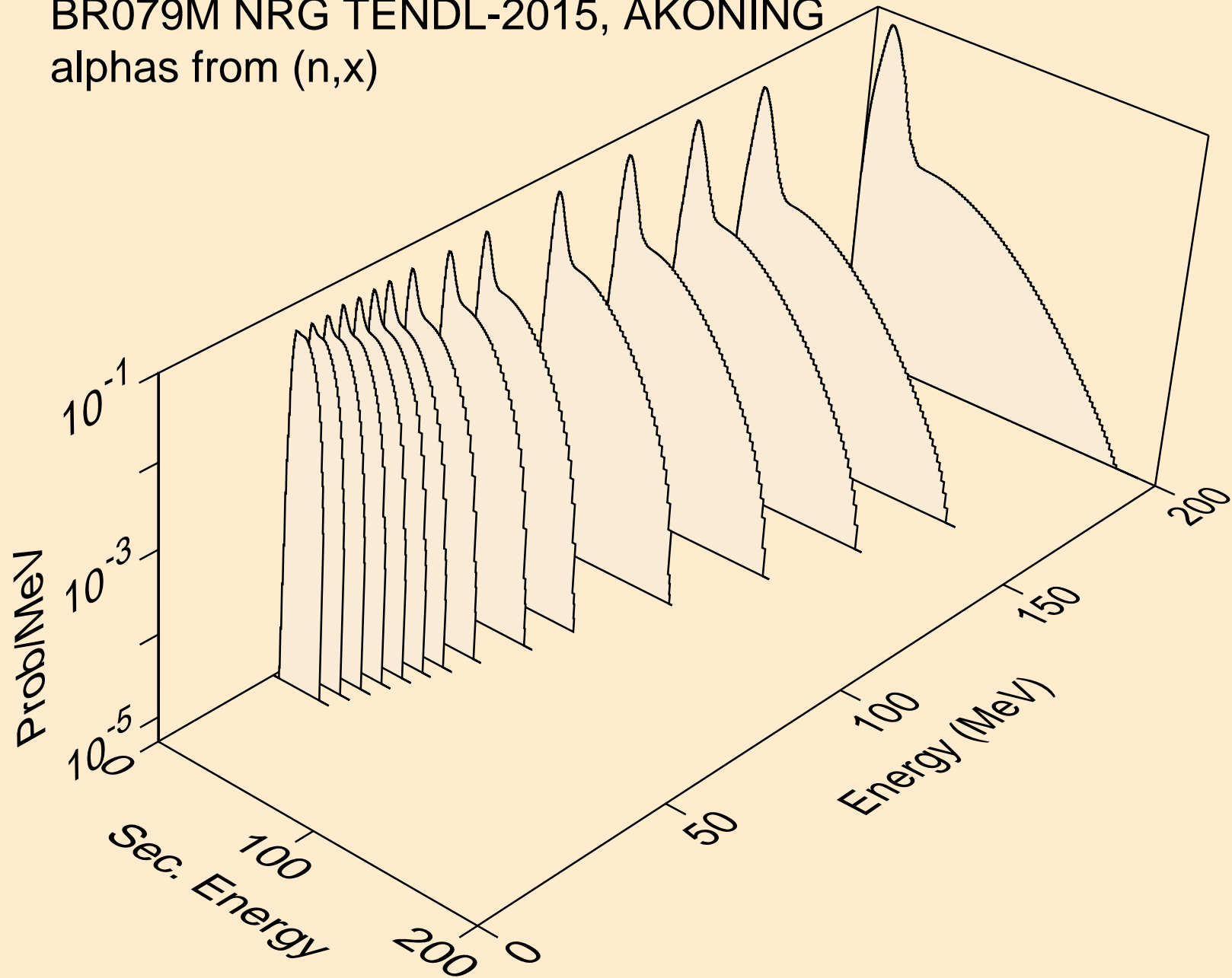


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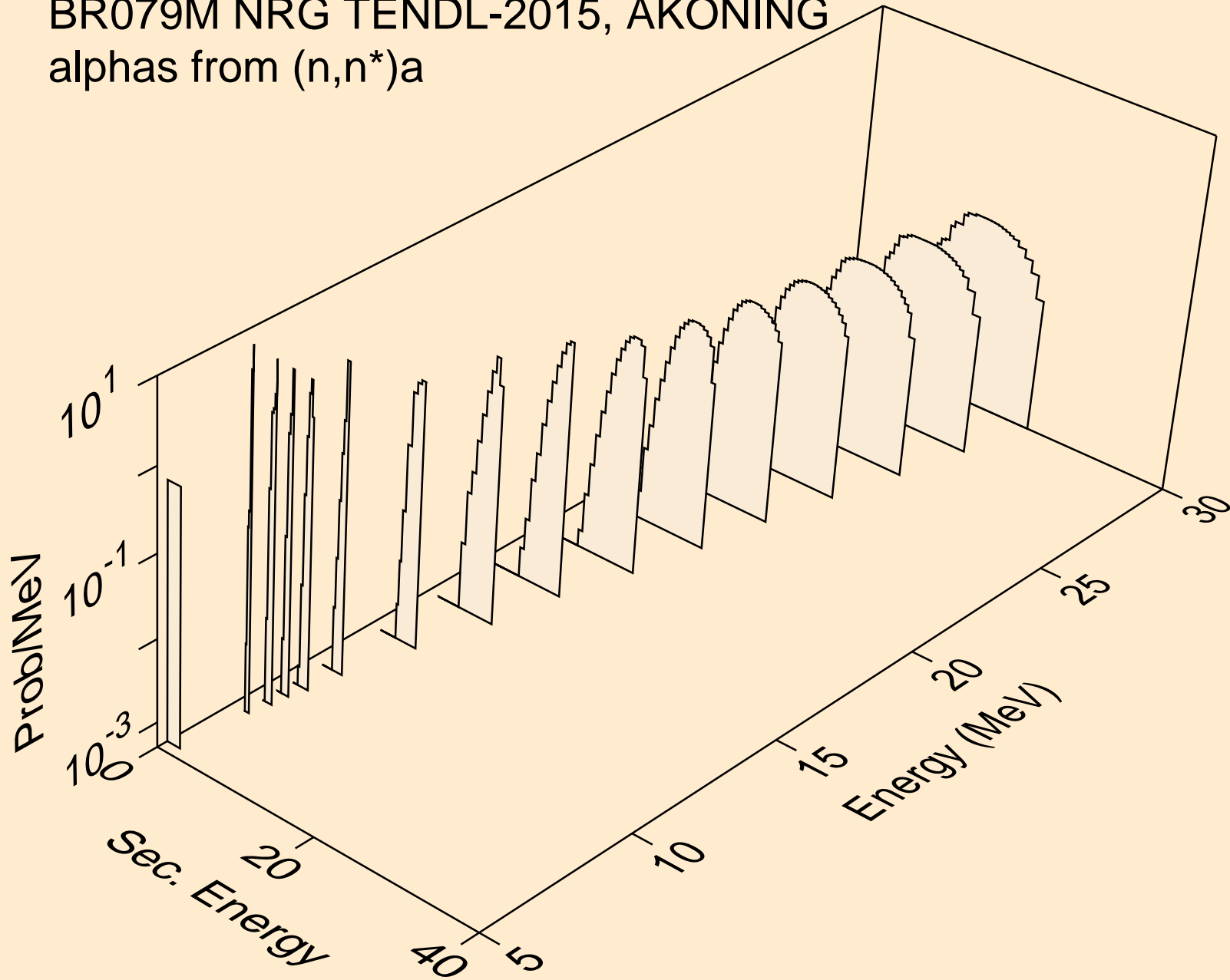




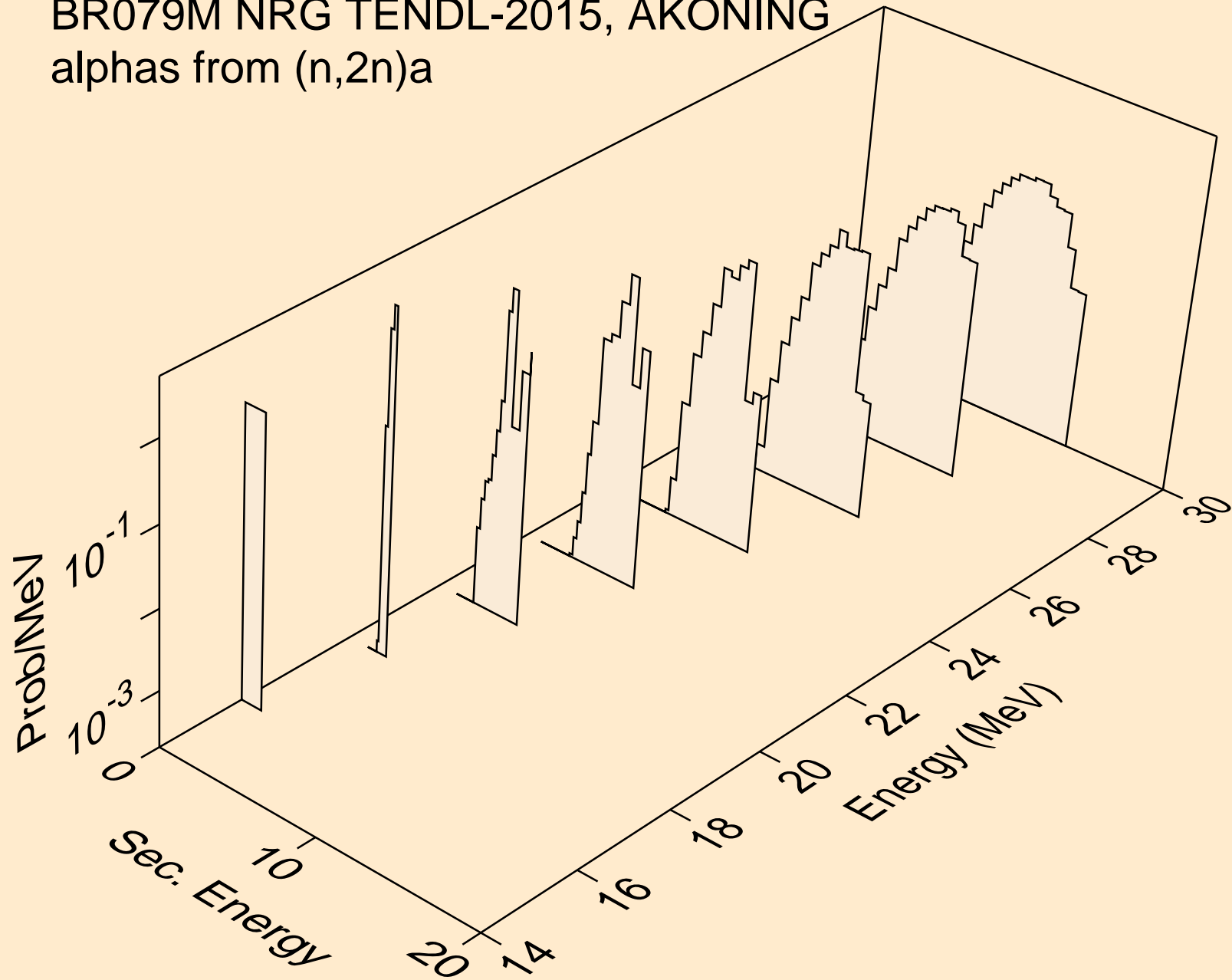
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alphas from (n,x)



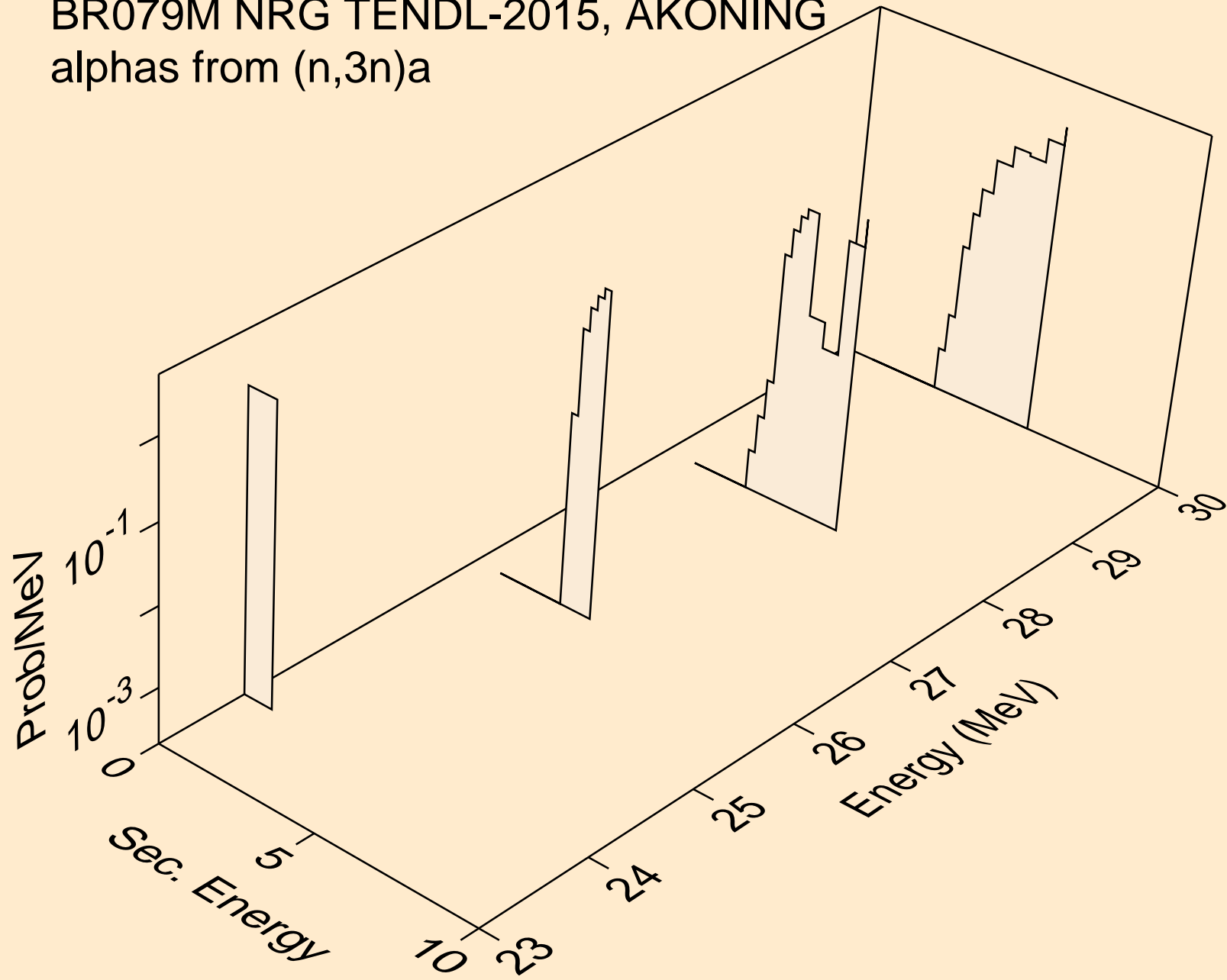
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alphas from (n,n\*)a



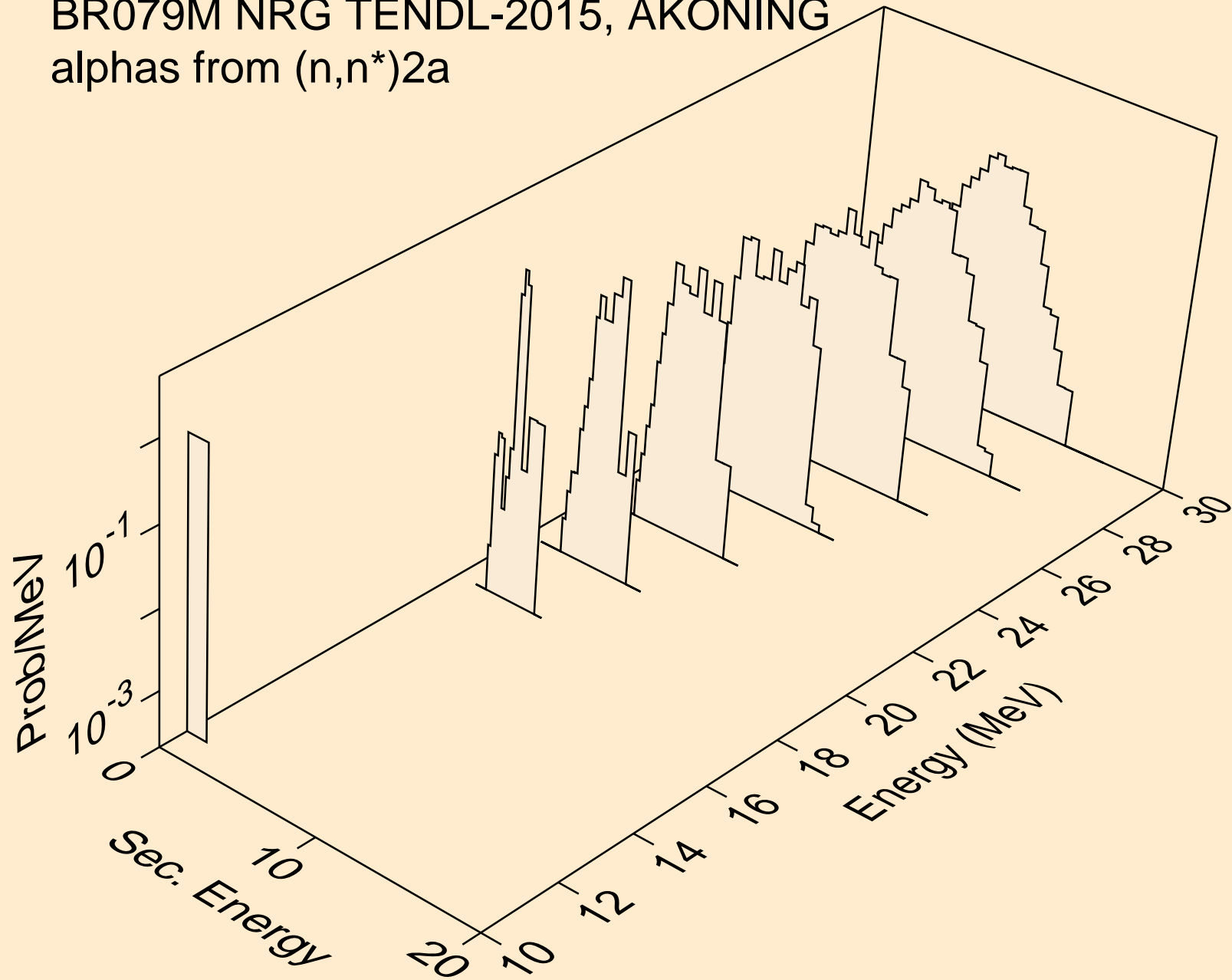
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alphas from (n,2n)a



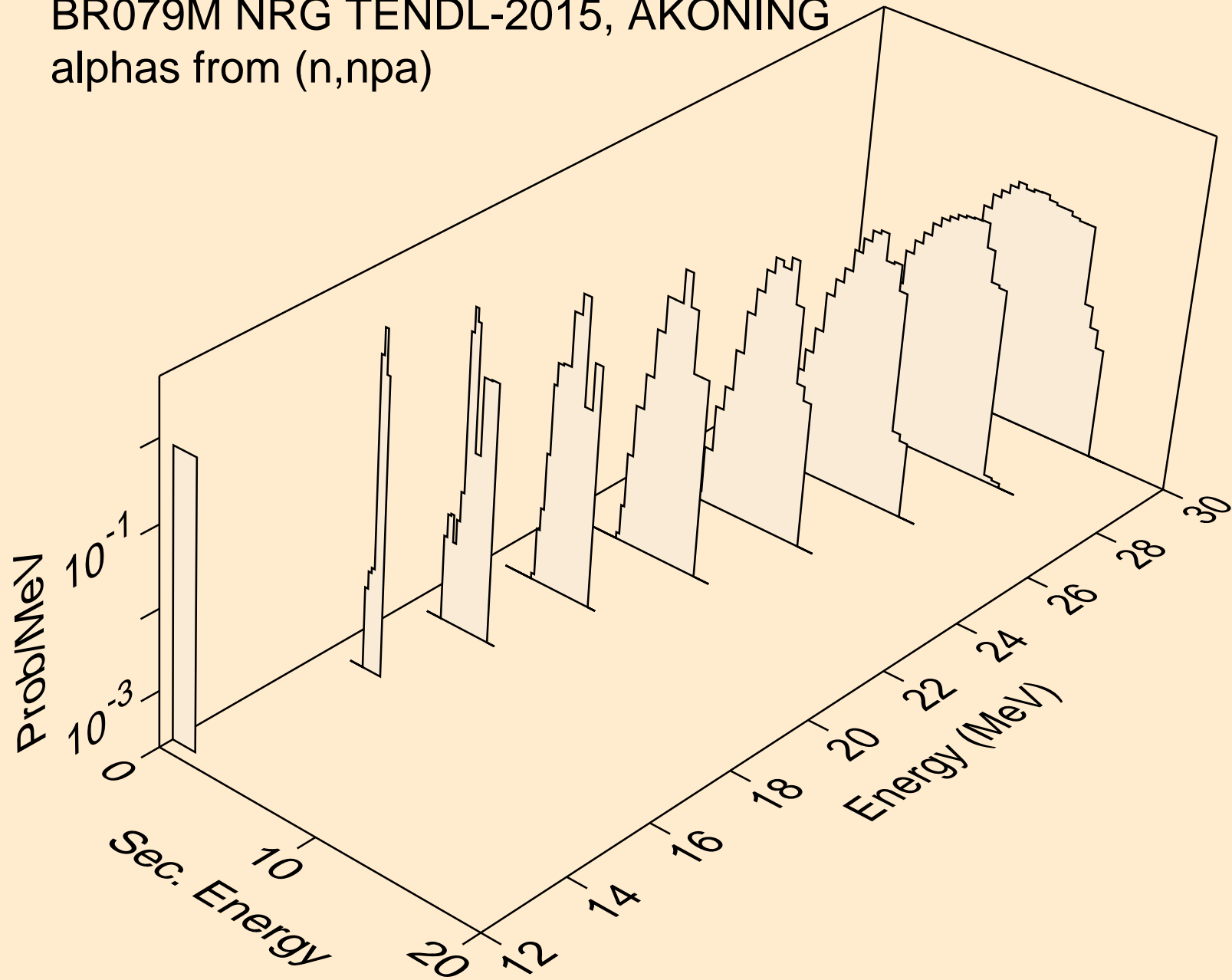
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alphas from (n,3n)a



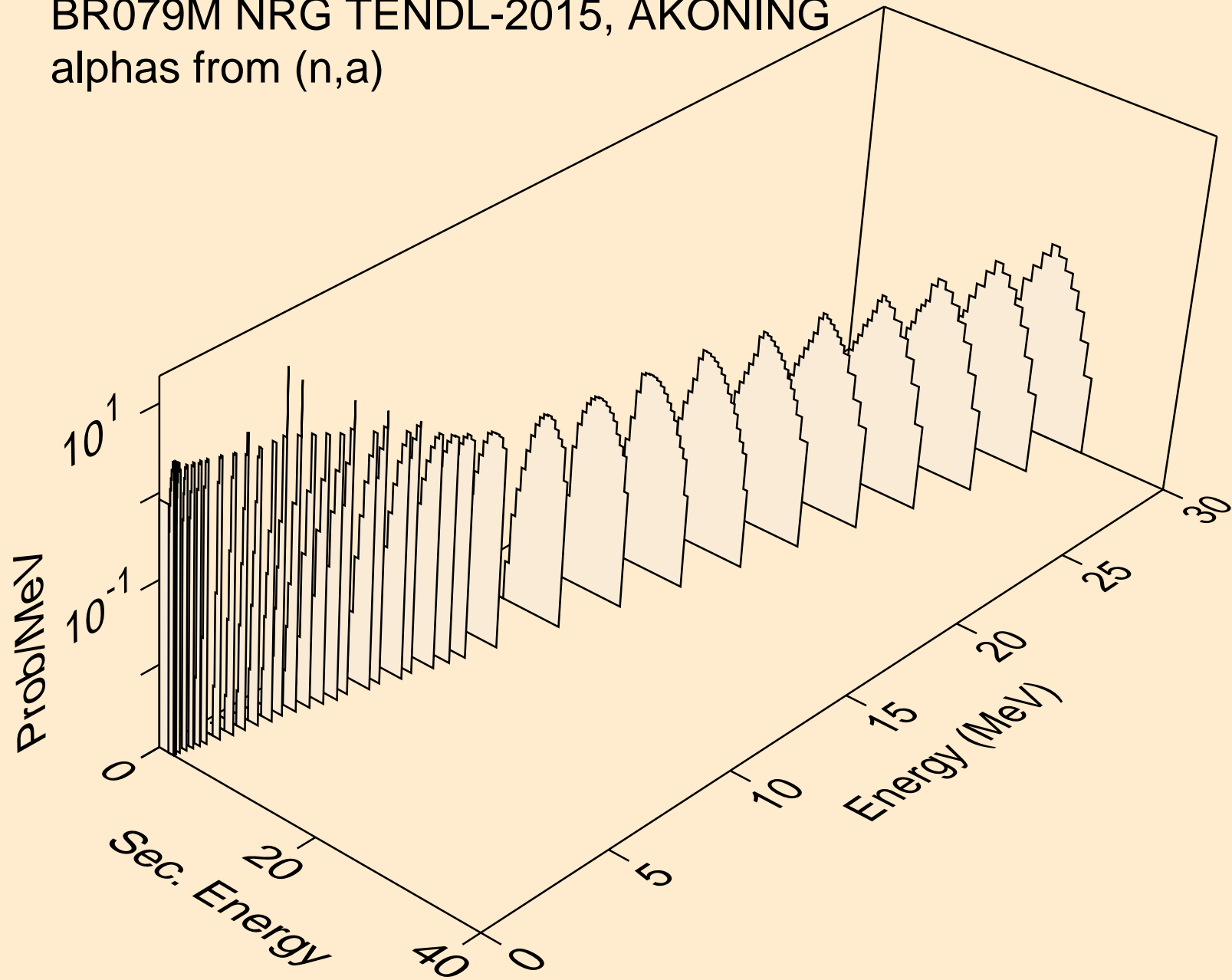
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alphas from (n,n\*)2a



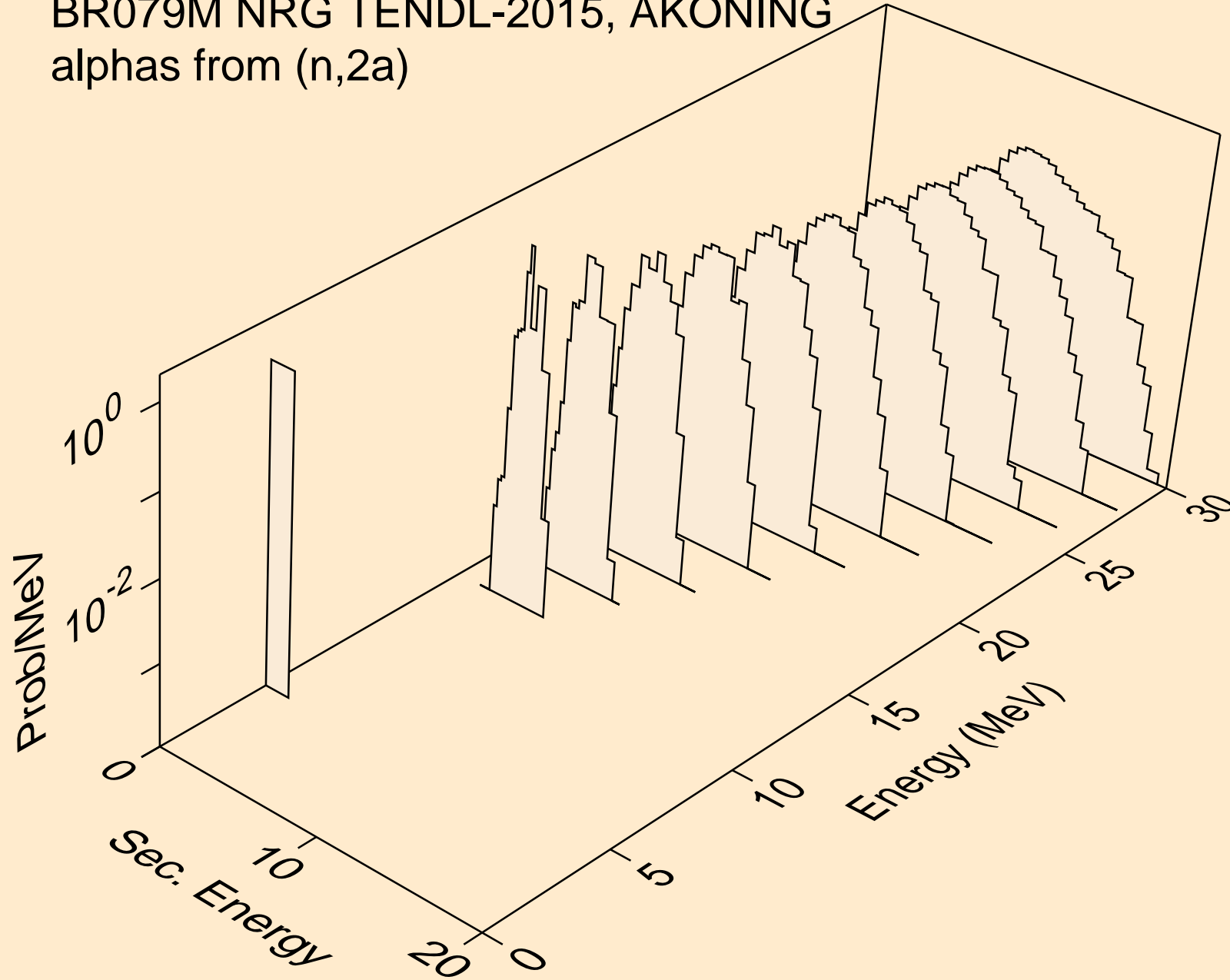
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alphas from (n,npa)



BR079M NRG TENDL-2015, AKONING  
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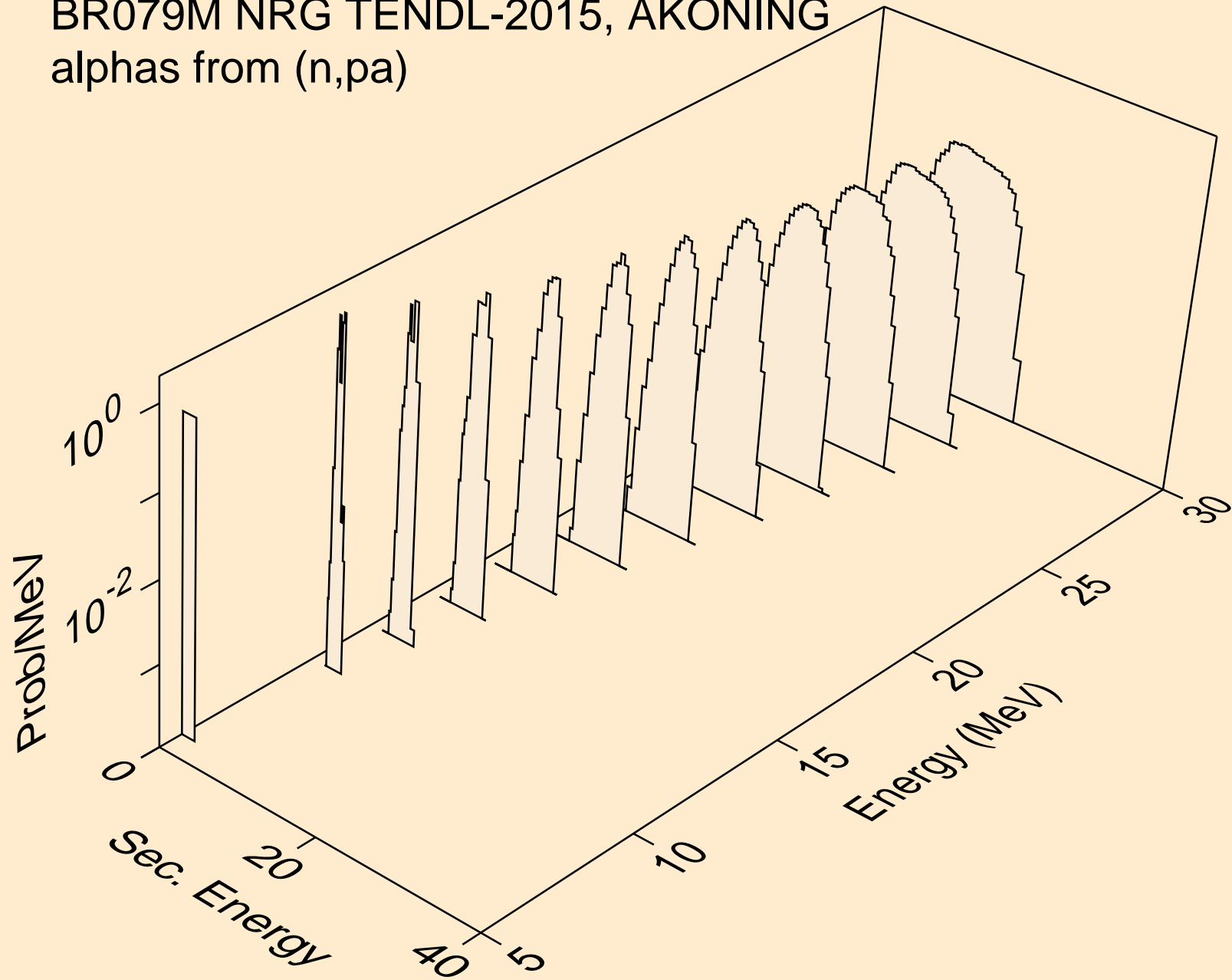


BR079M NRG TENDL-2015, AKONING  
alphas from (n,2a)





BR079M NRG TENDL-2015, AKONING  
alphas from (n,pa)



BR079M NRG TENDL-2015, AKONING  
alphas from (n,da)

