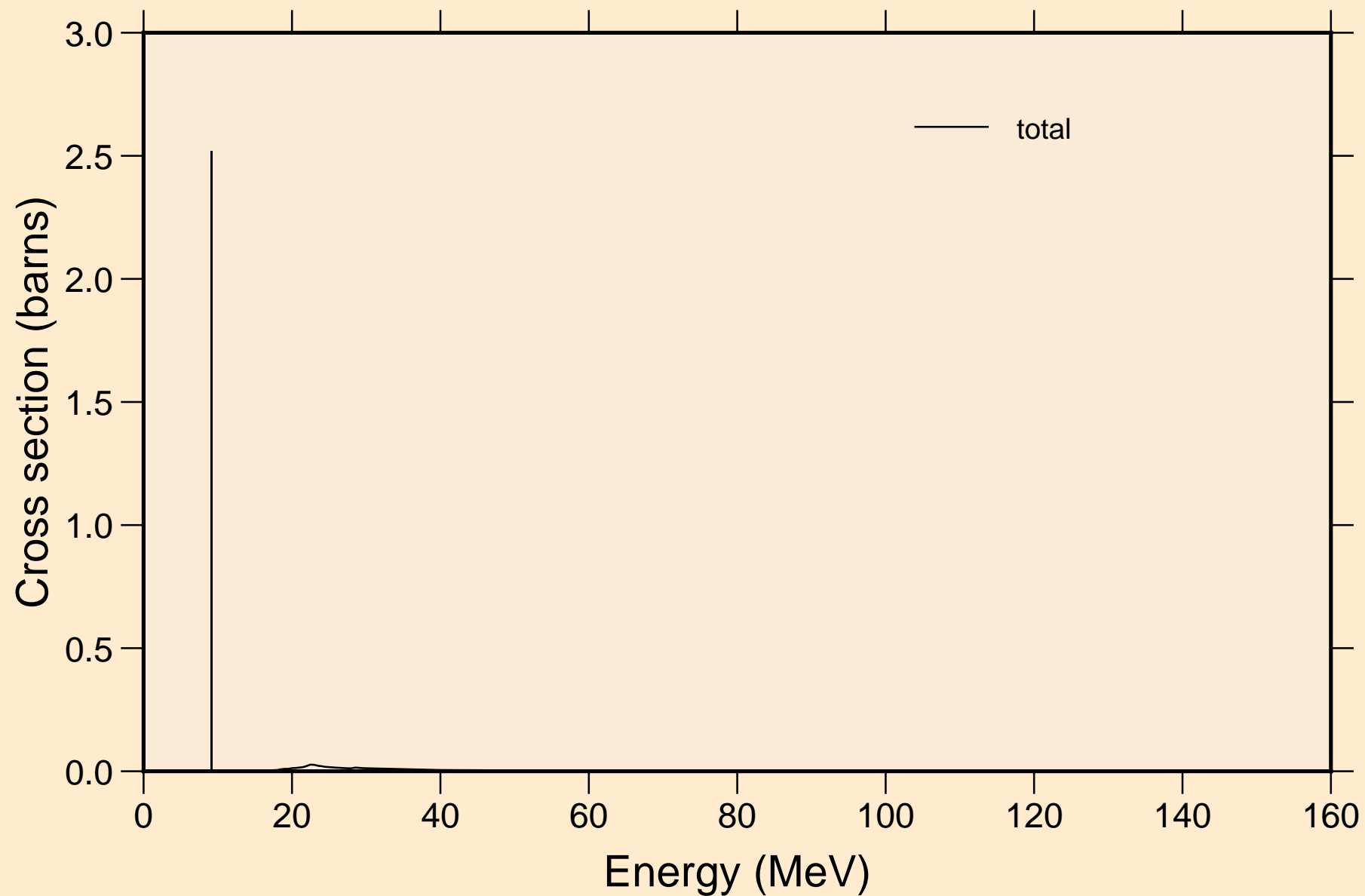
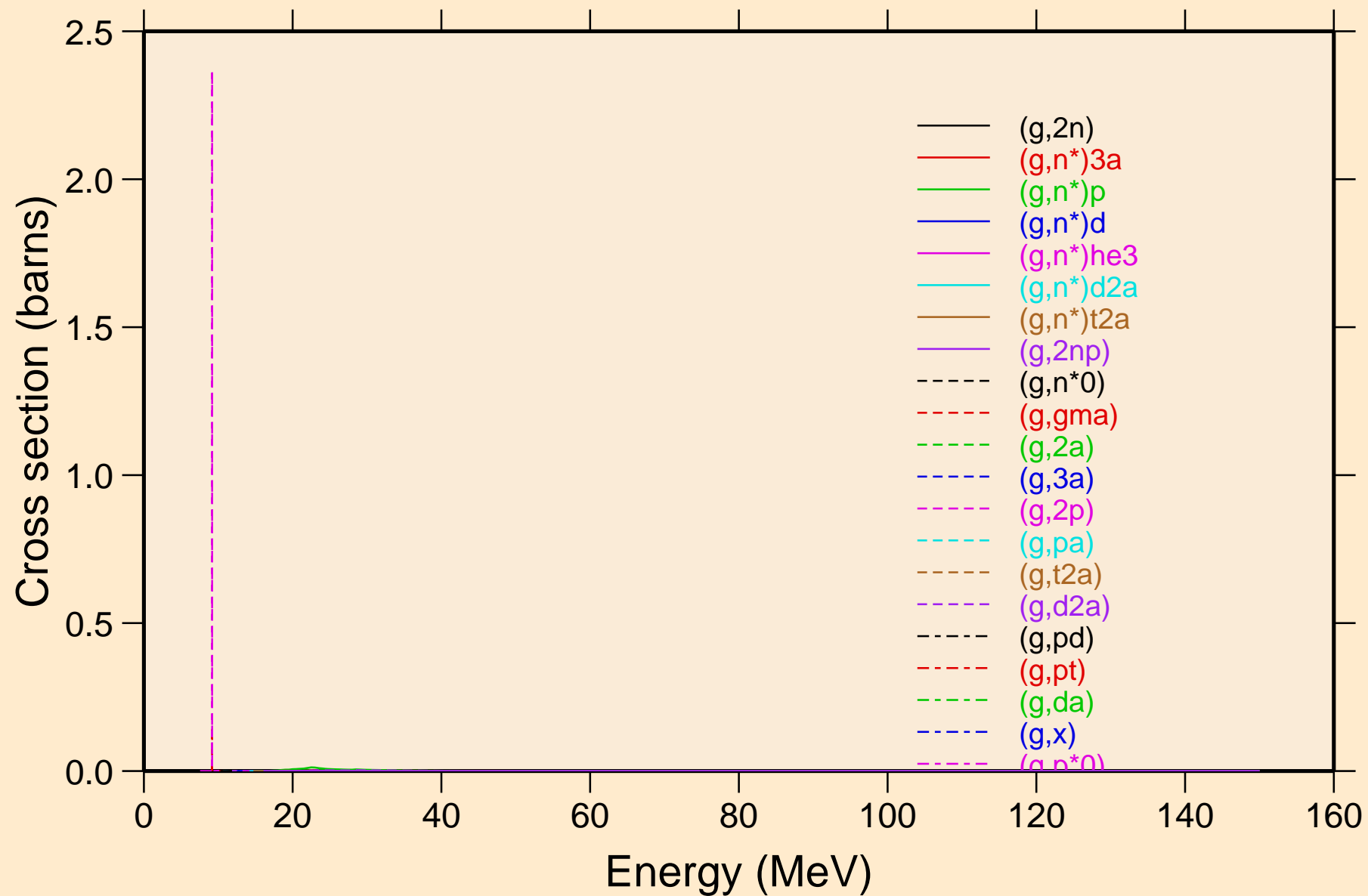


N014 IAEA-PD NJOY2016.58 IAEA

Principal cross sections

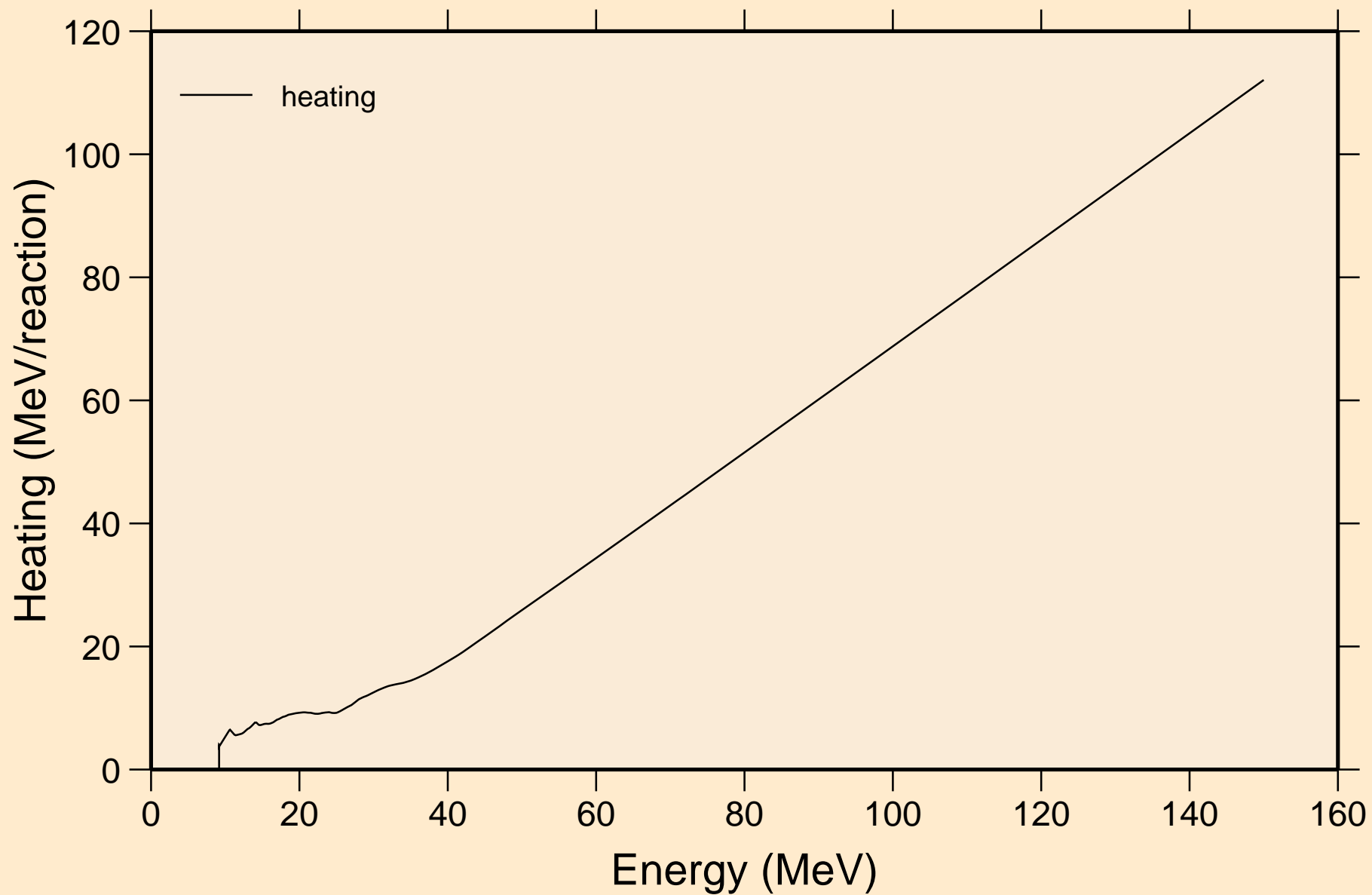


## Partial cross sections



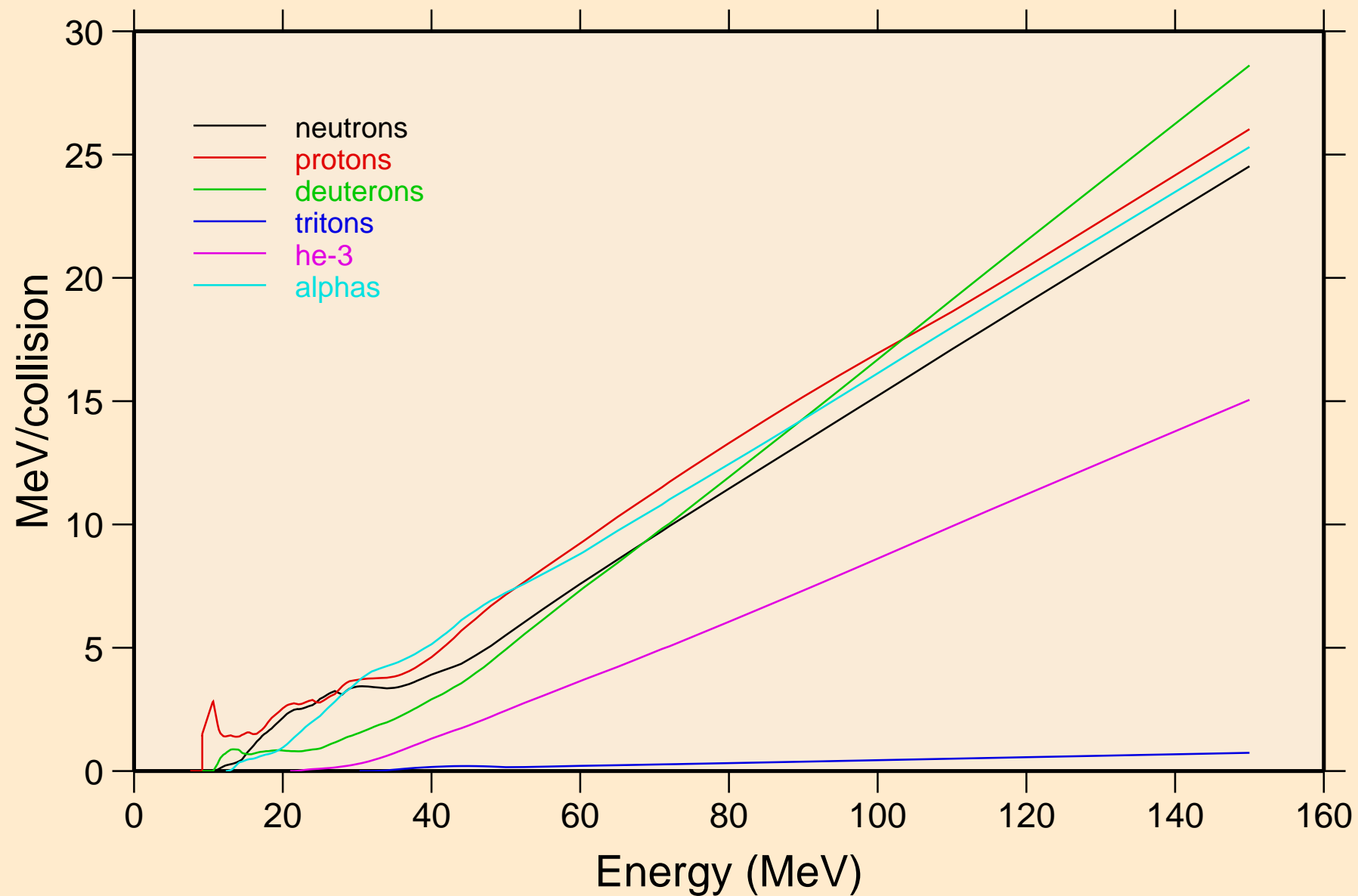
N014 IAEA-PD NJOY2016.58 IAEA

Heating



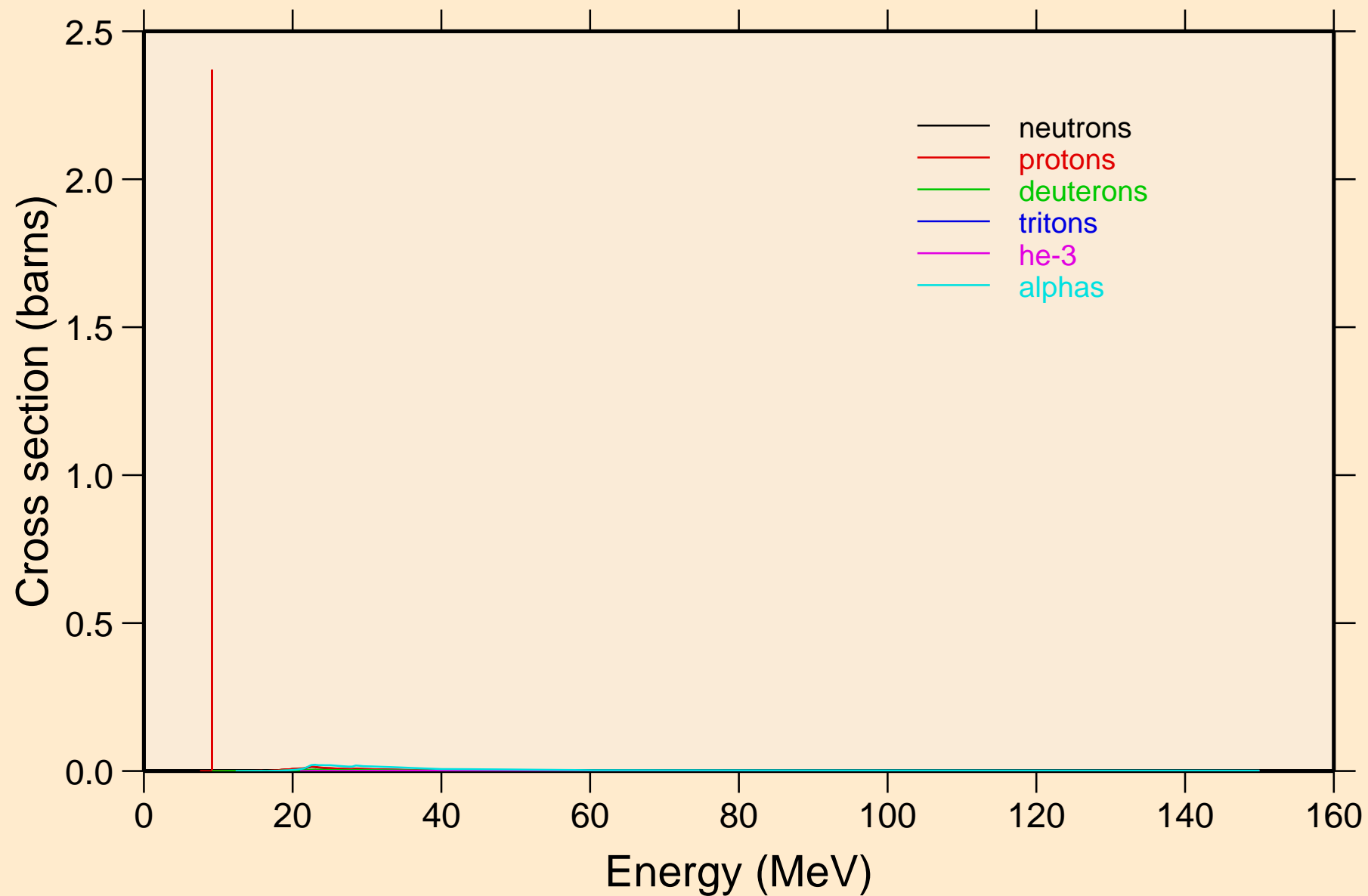
N014 IAEA-PD NJOY2016.58 IAEA

## Particle heating contributions

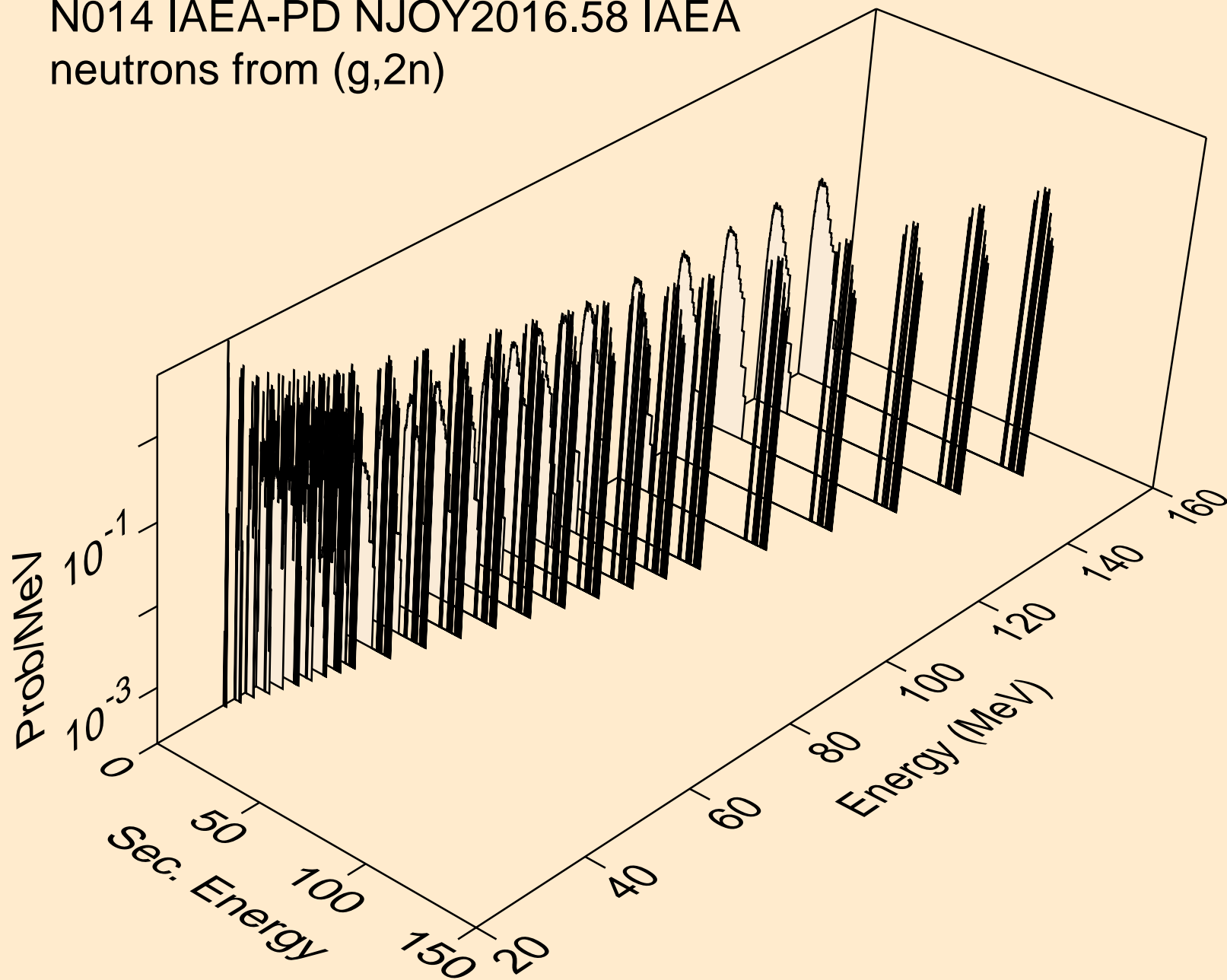


N014 IAEA-PD NJOY2016.58 IAEA

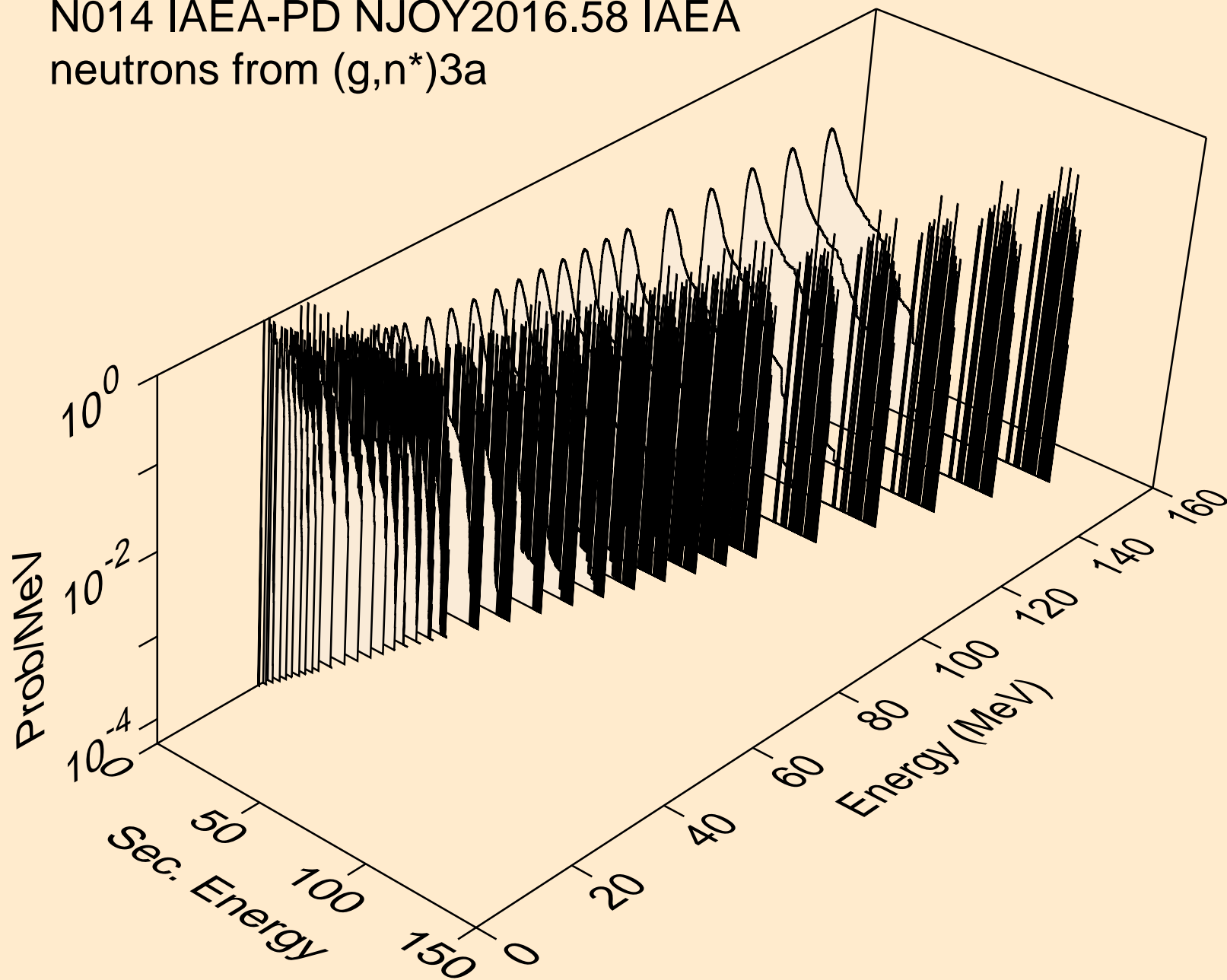
## Particle production cross sections



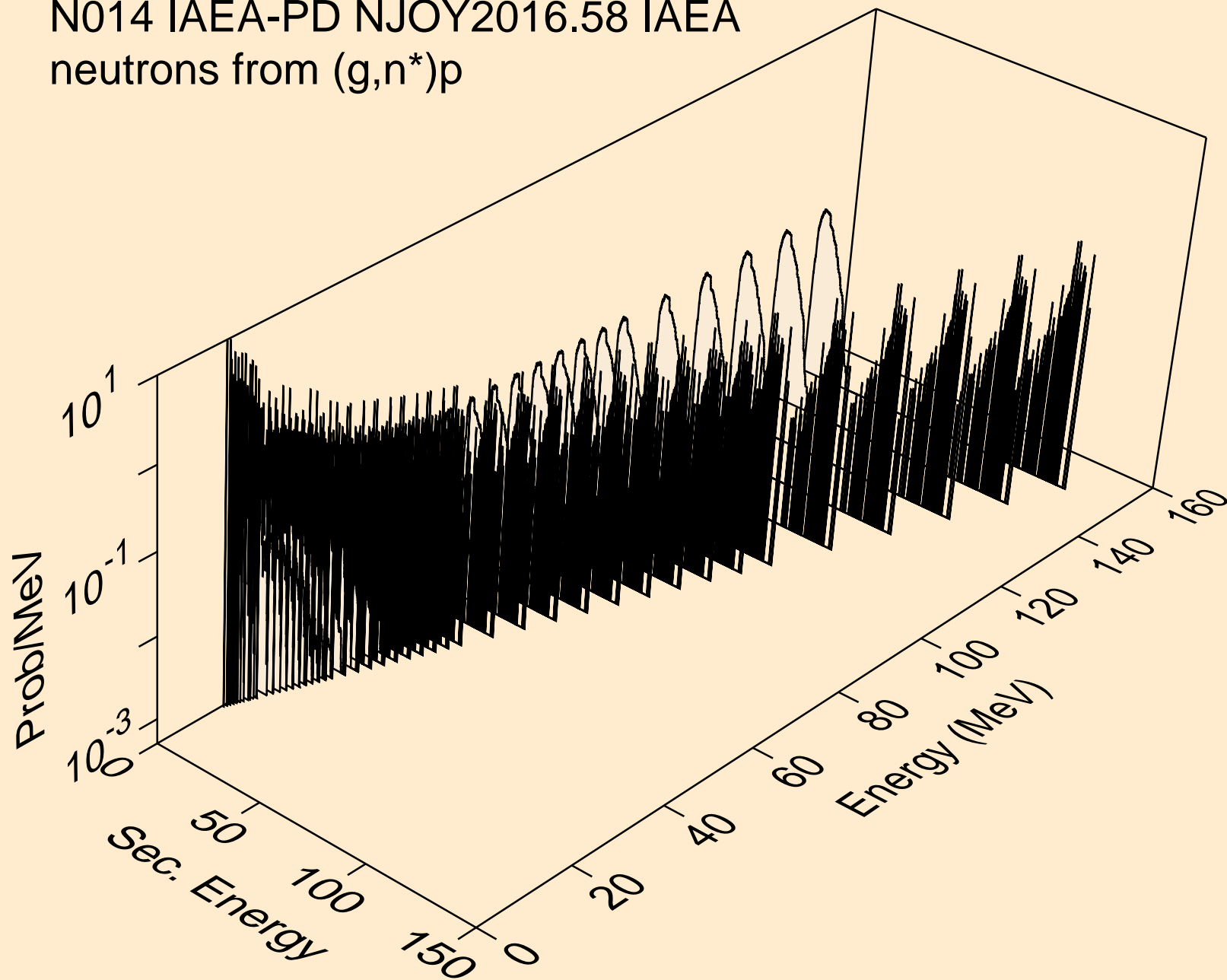
N014 IAEA-PD NJOY2016.58 IAEA  
neutrons from (g,2n)



N014 IAEA-PD NJOY2016.58 IAEA  
neutrons from (g,n\*)3a

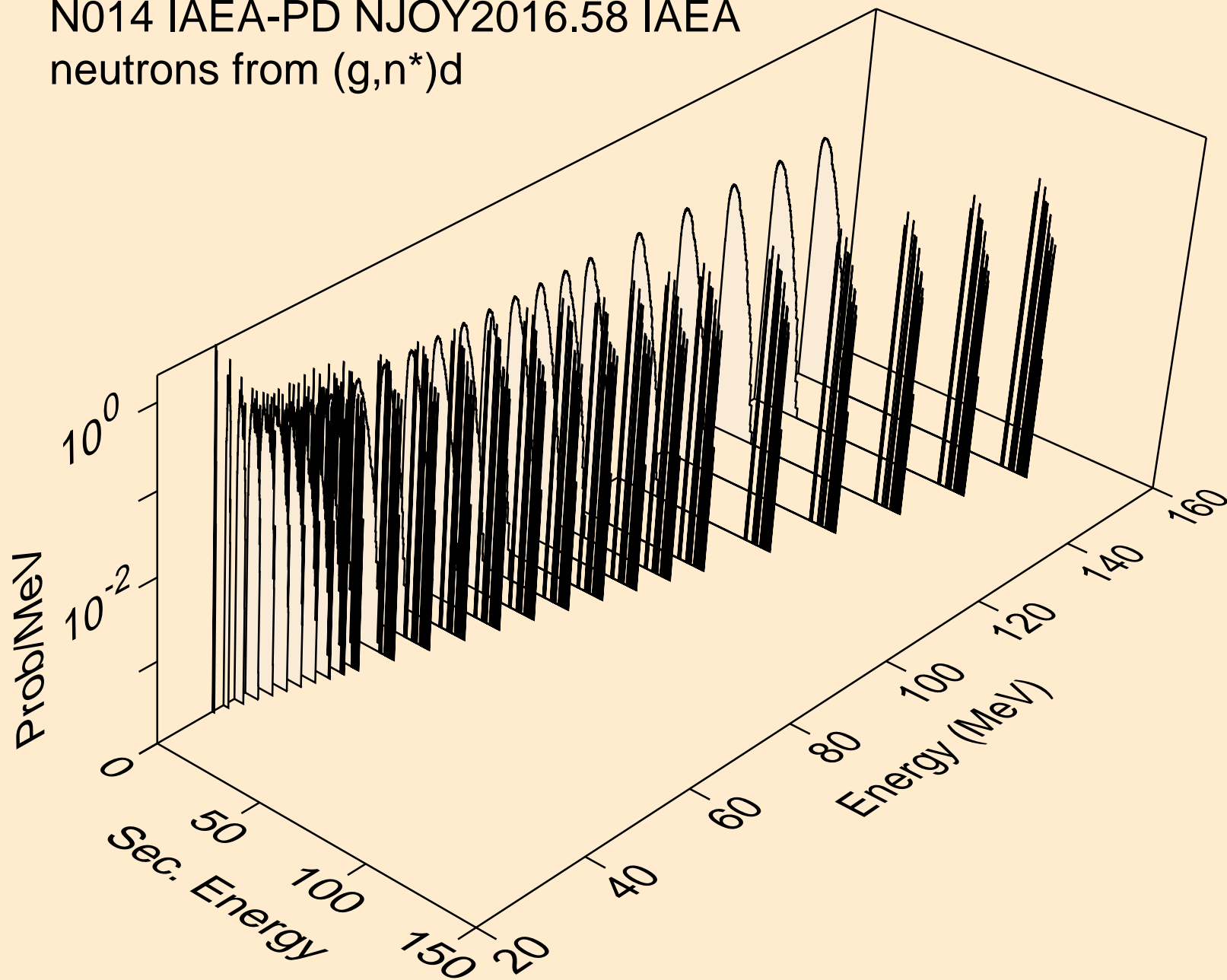


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neutrons from  $(g,n^*)p$

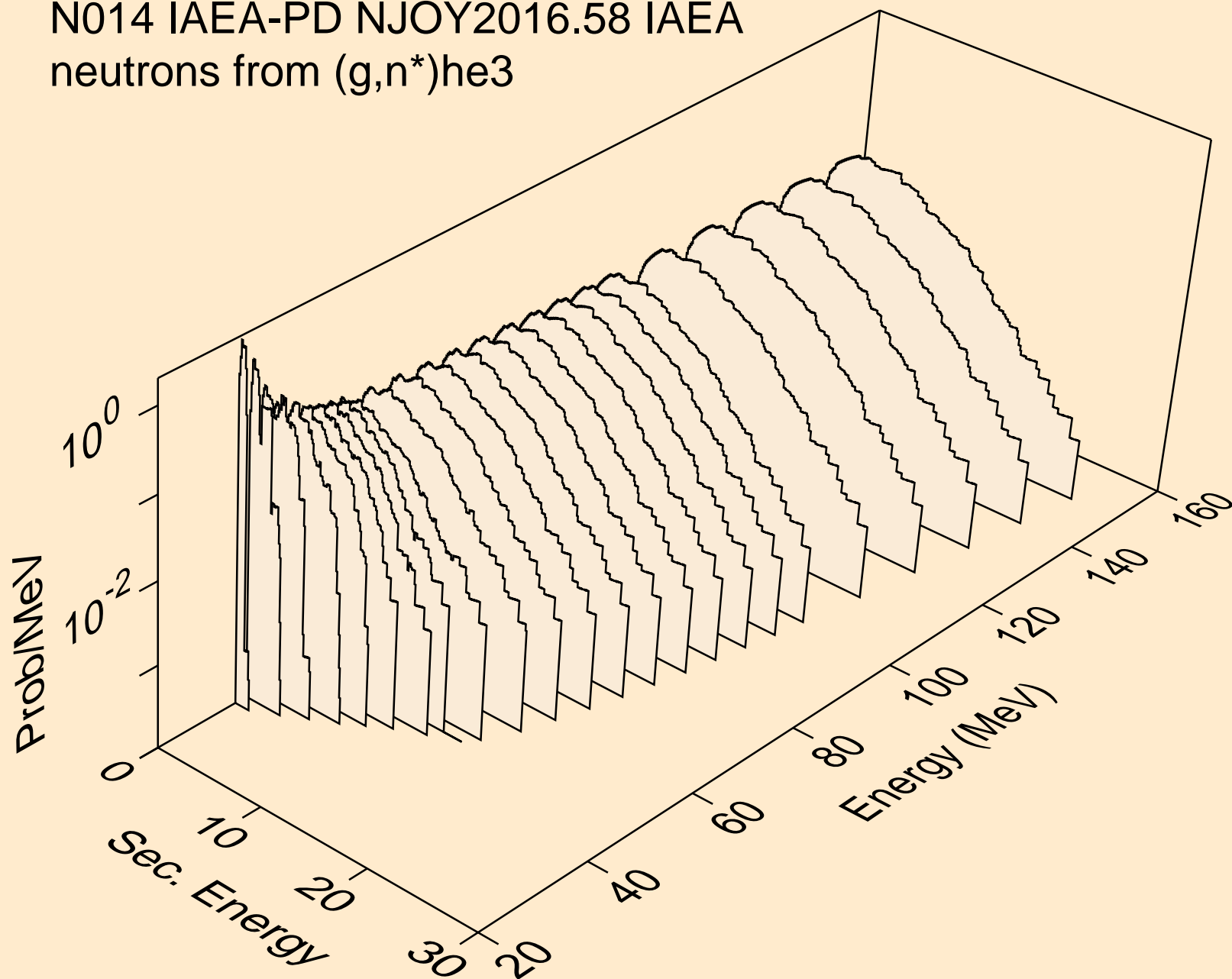




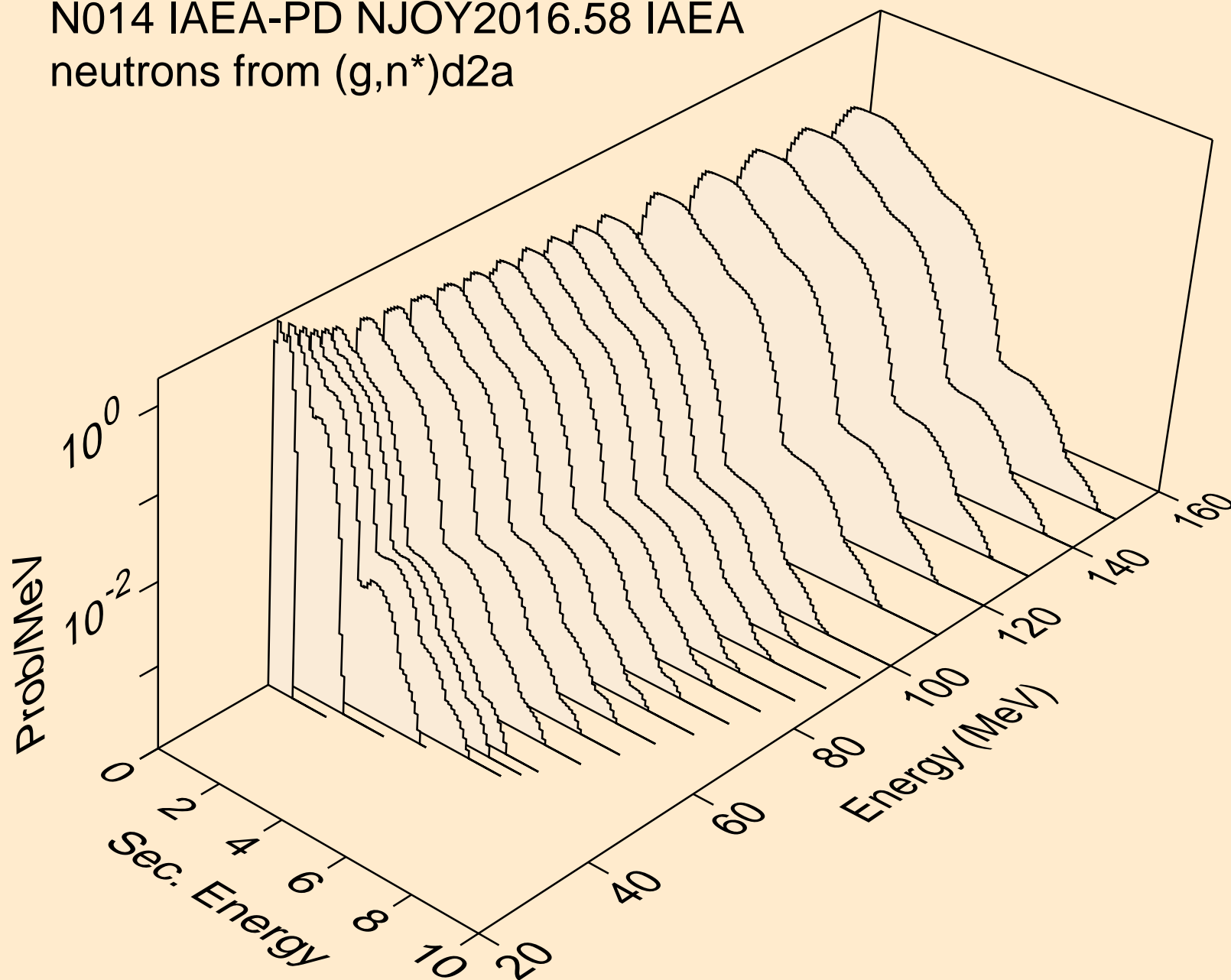
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neutrons from (g,n\*)d



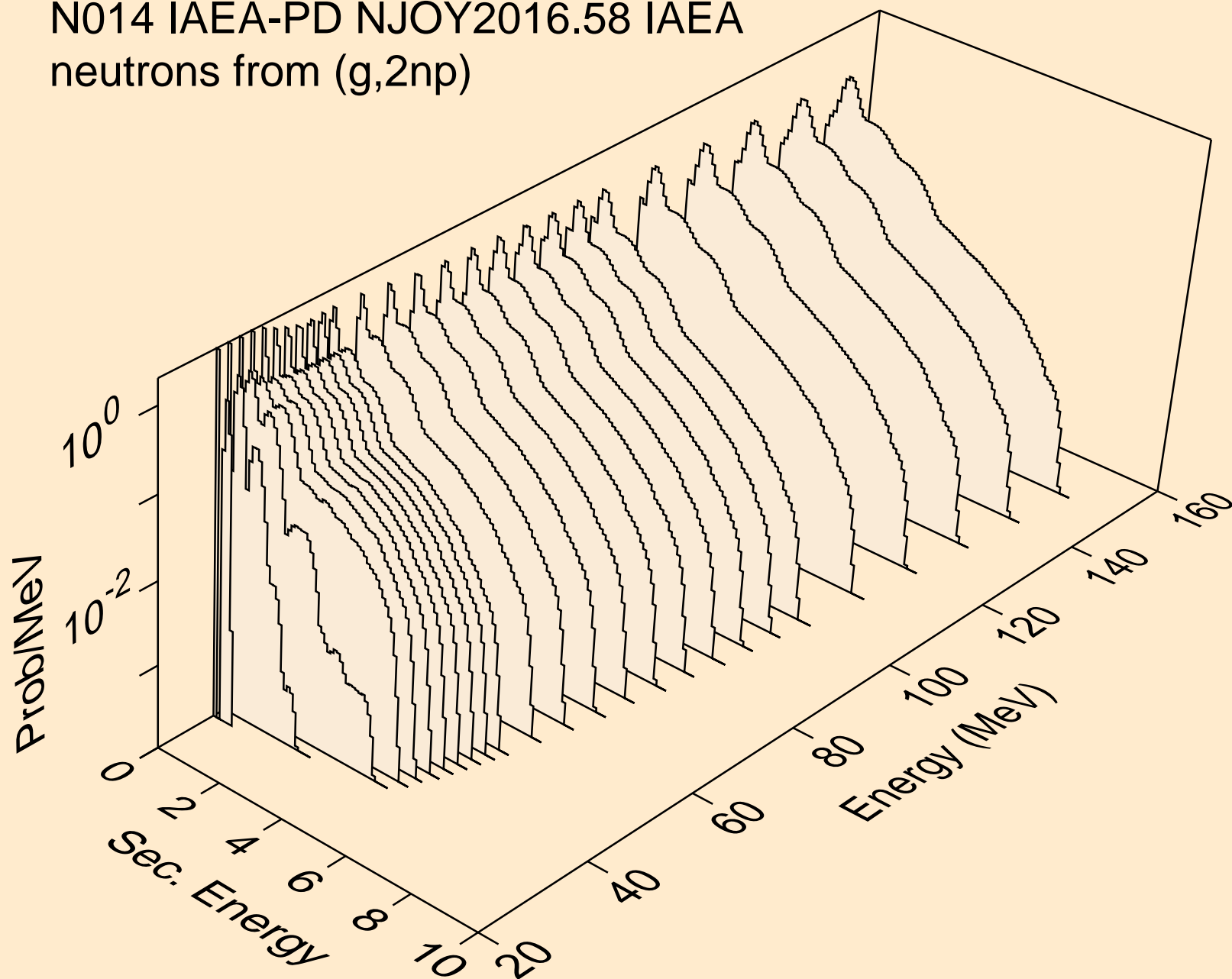
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neutrons from  $(g,n^*)\text{he3}$



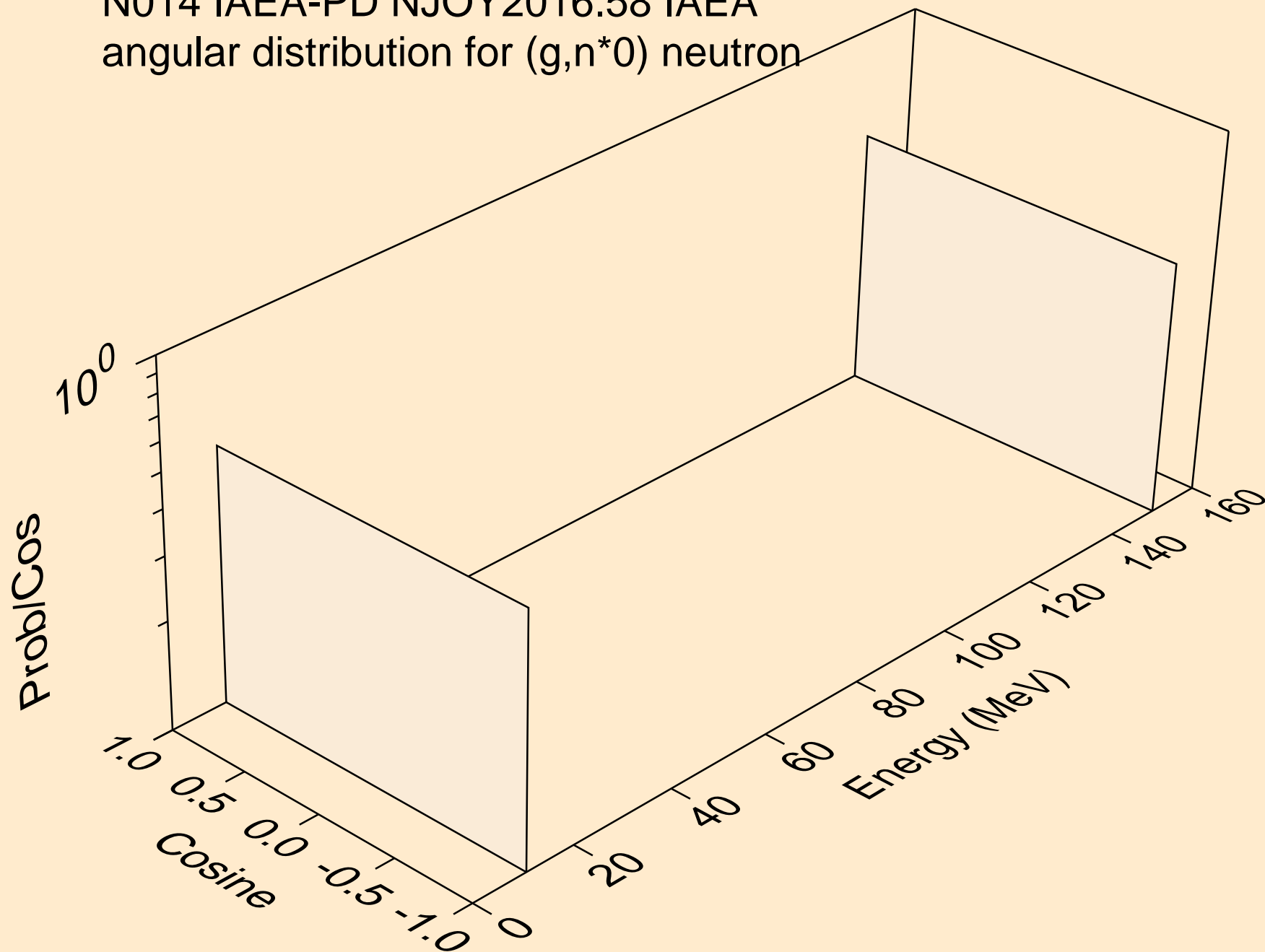
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neutrons from (g,n\*)d2a



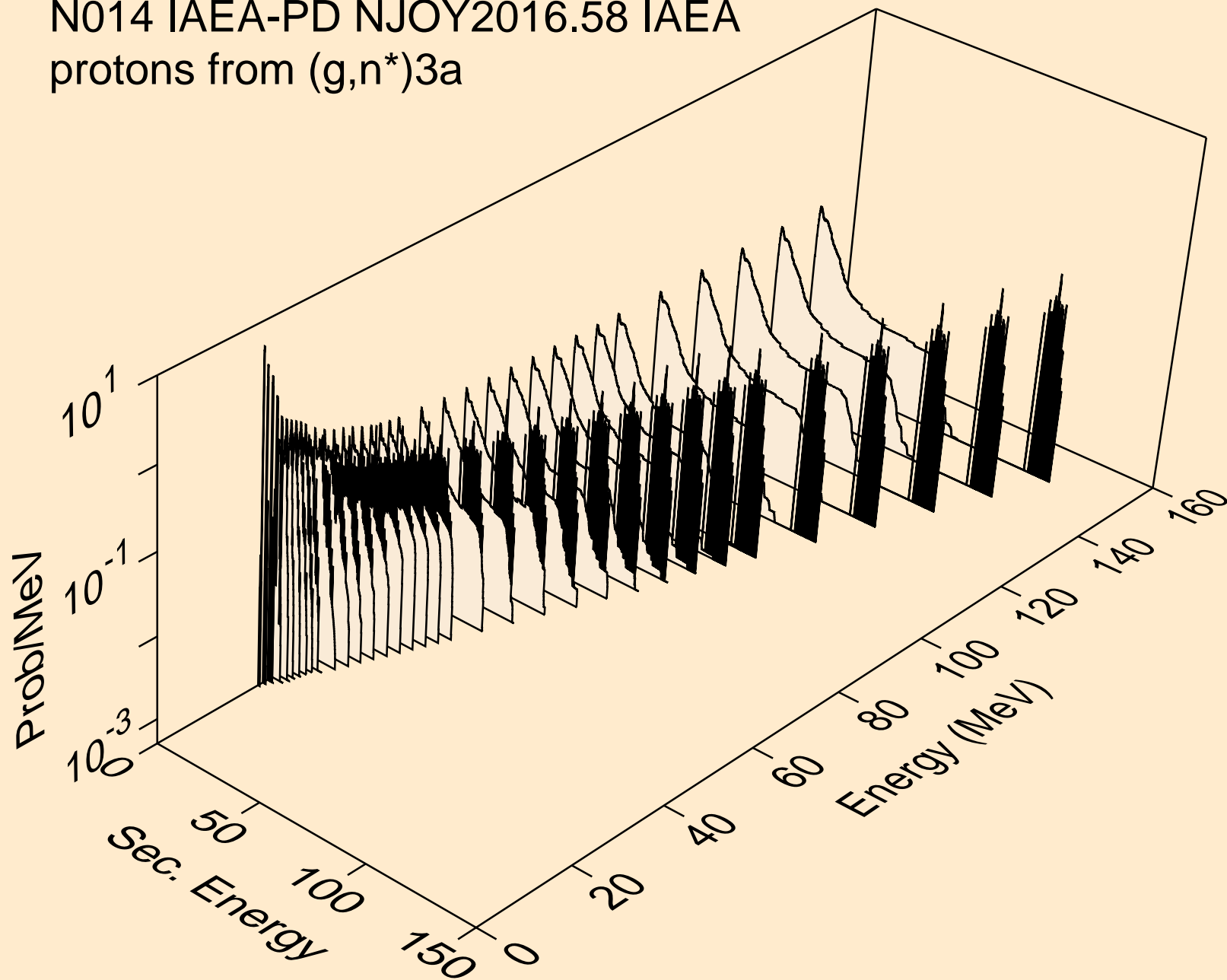
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neutrons from (g,2np)



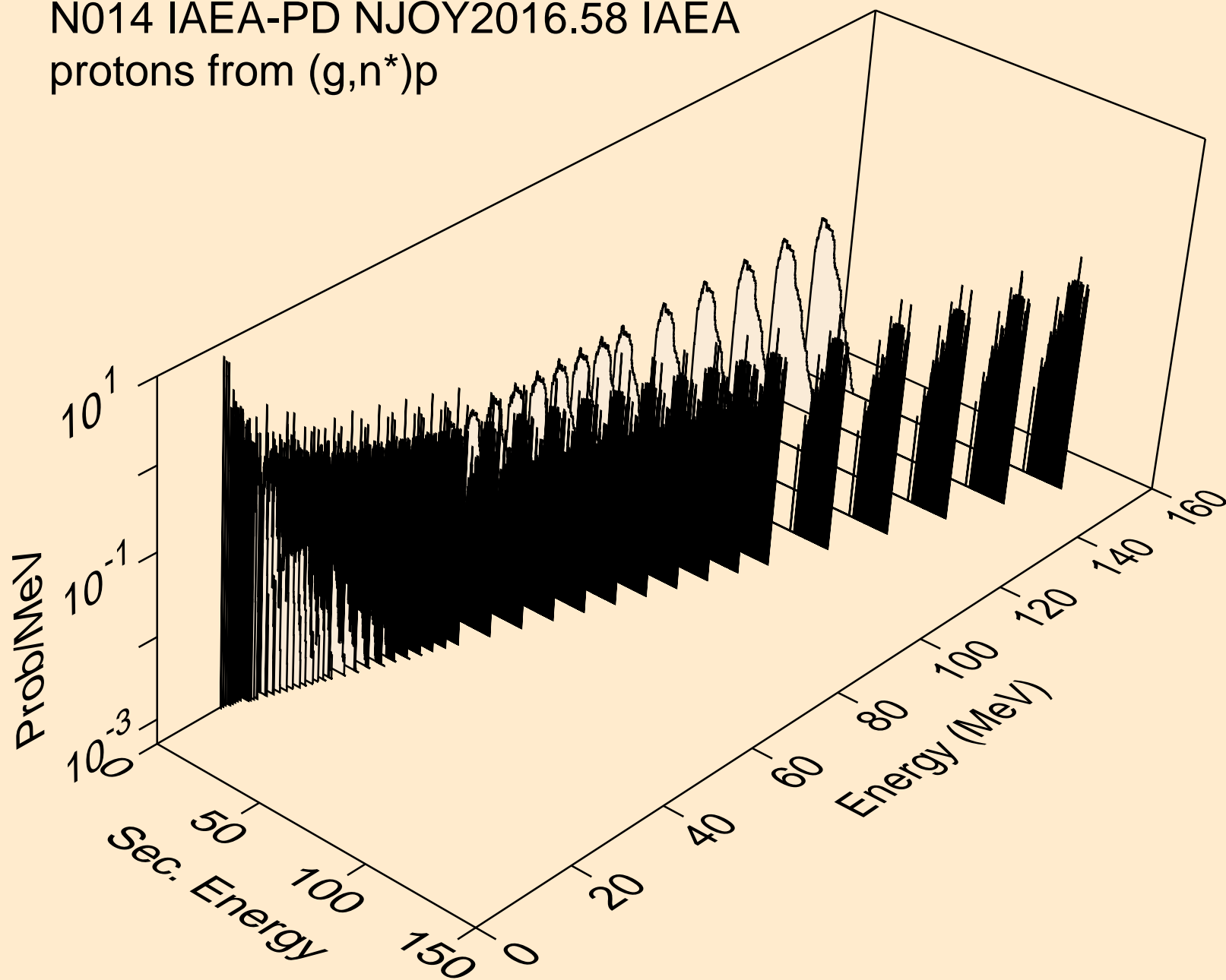
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angular distribution for (g,n\*0) neutron



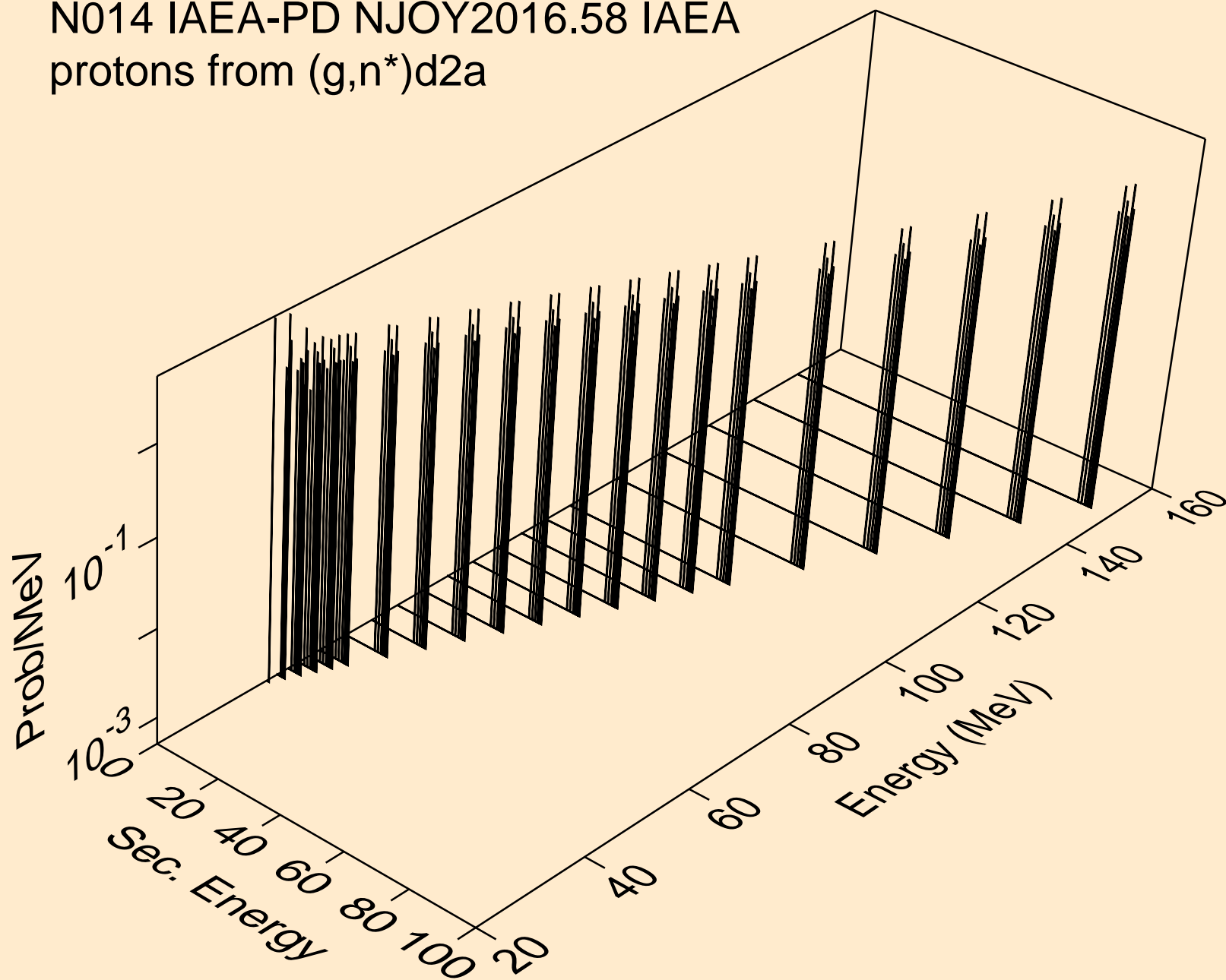
N014 IAEA-PD NJOY2016.58 IAEA  
protons from (g,n\*)3a



N014 IAEA-PD NJOY2016.58 IAEA  
protons from  $(g,n^*)p$

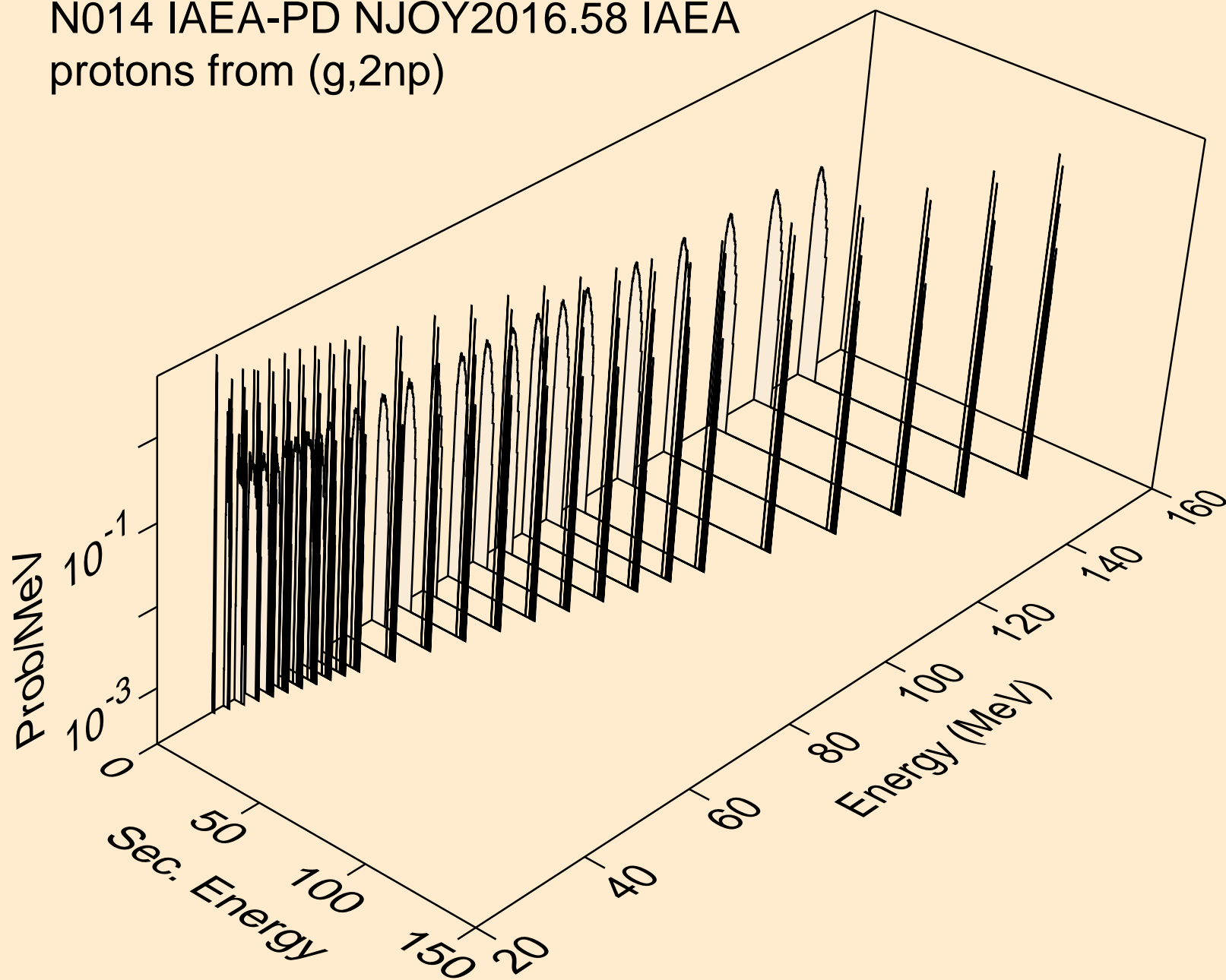


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protons from (g,n\*)d2a

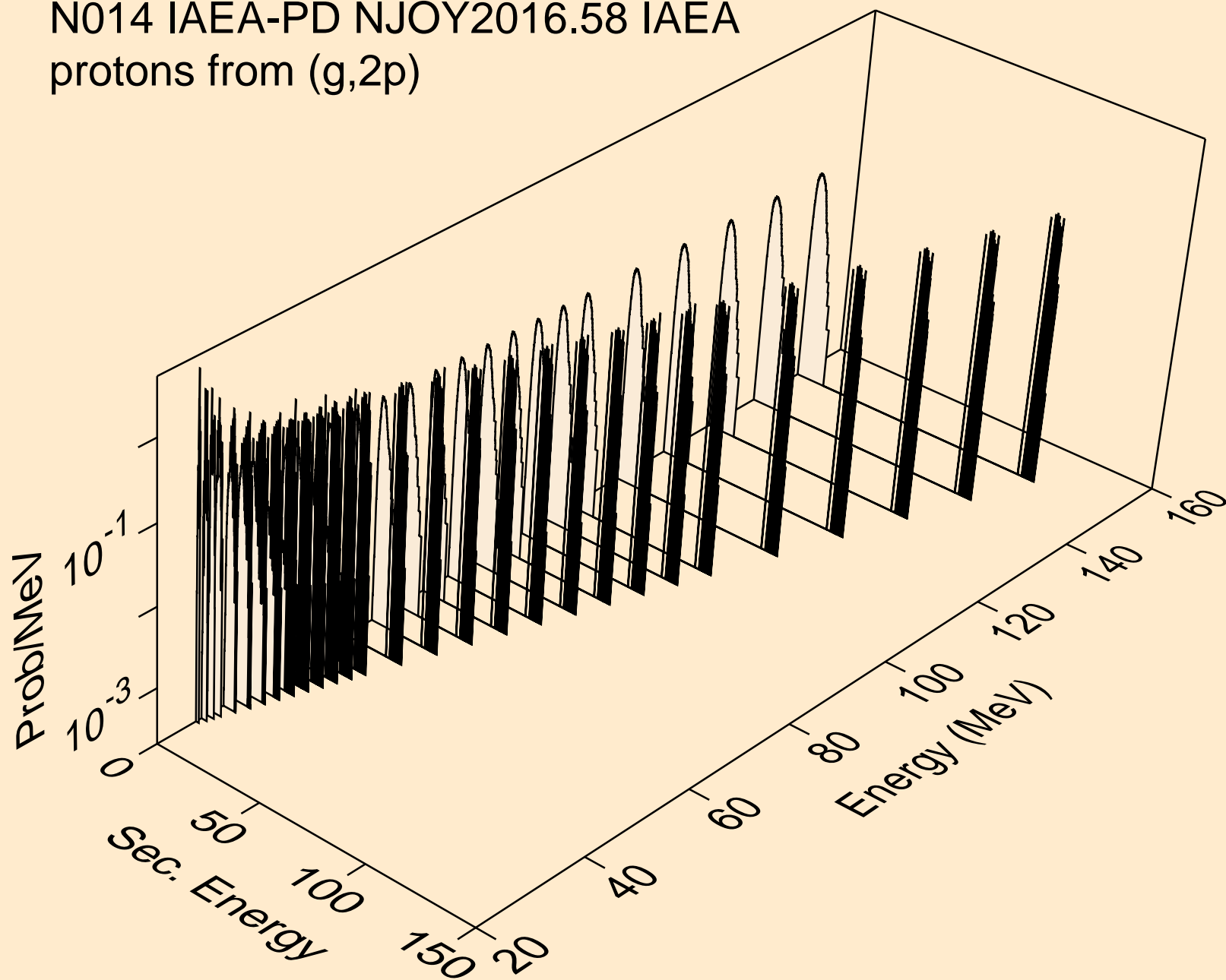




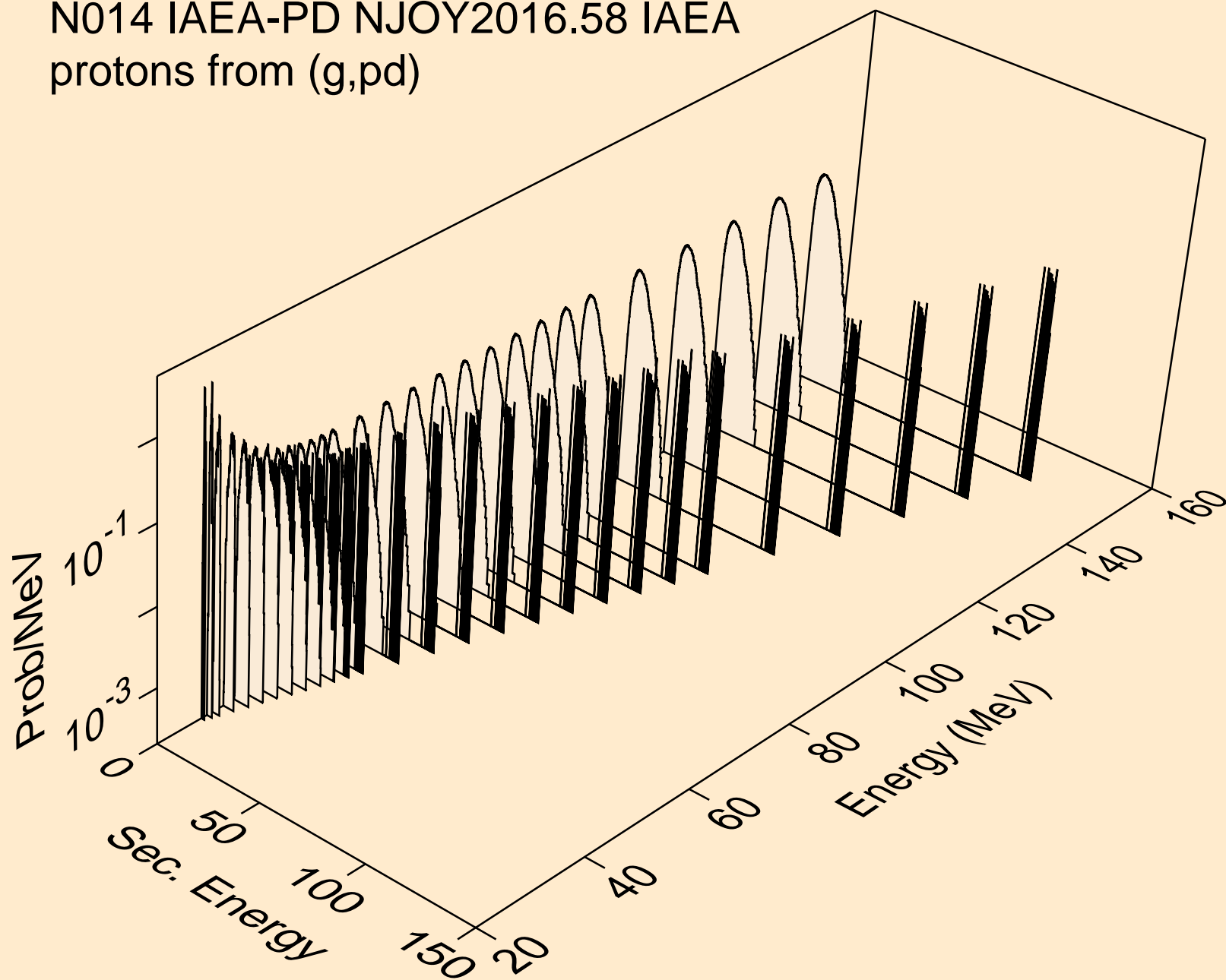
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protons from (g,2np)



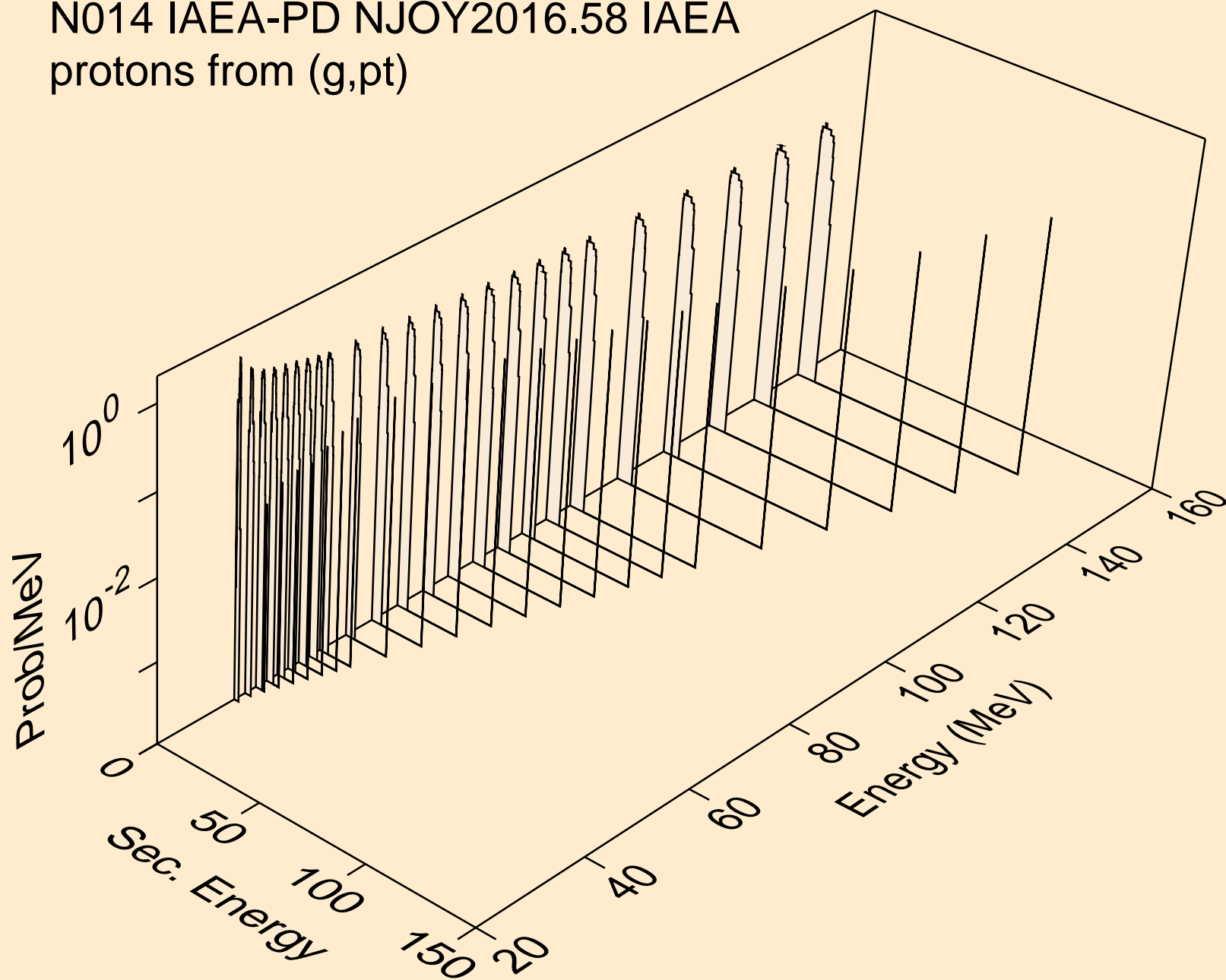
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protons from (g,2p)



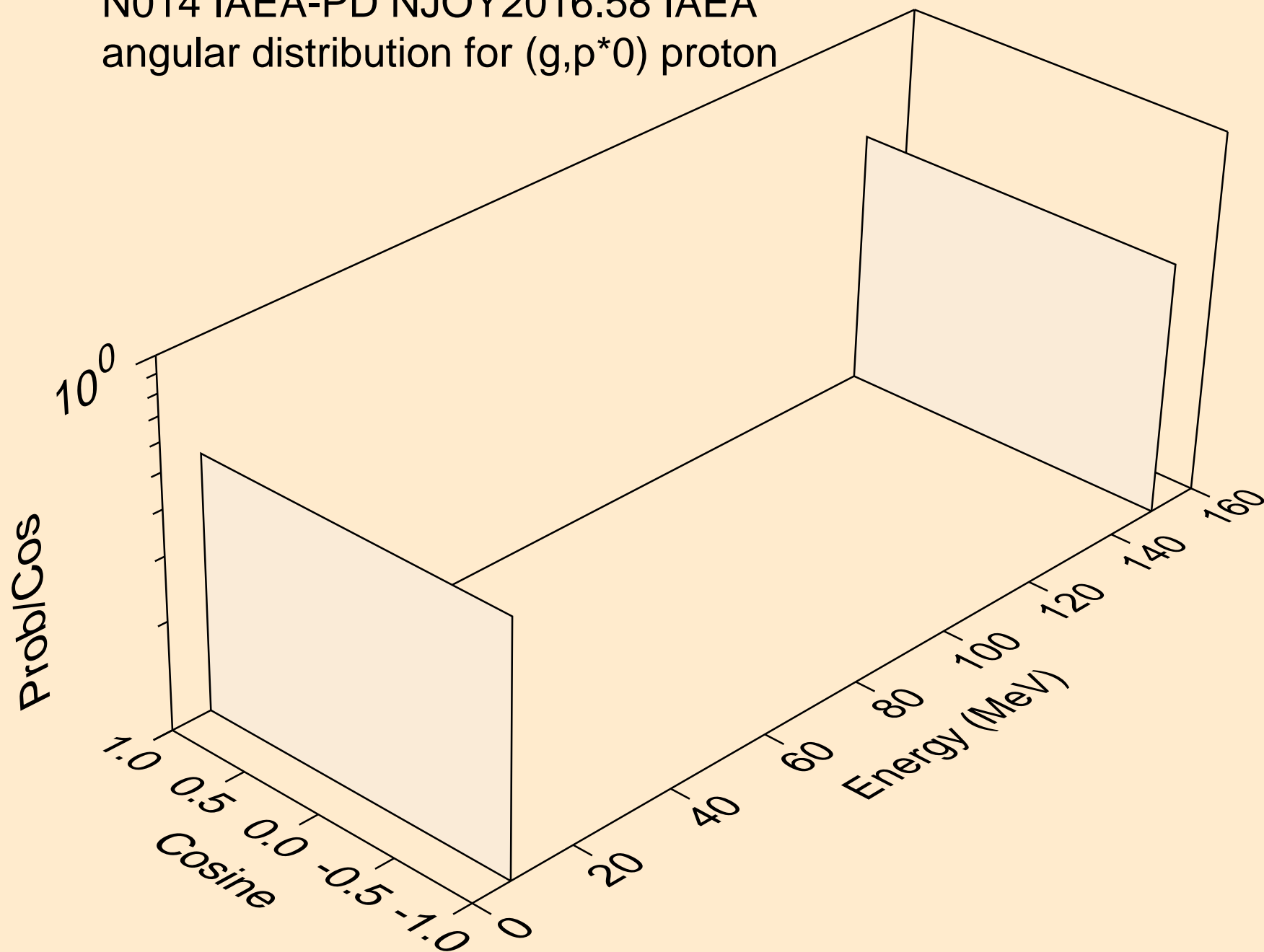
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protons from (g,pd)



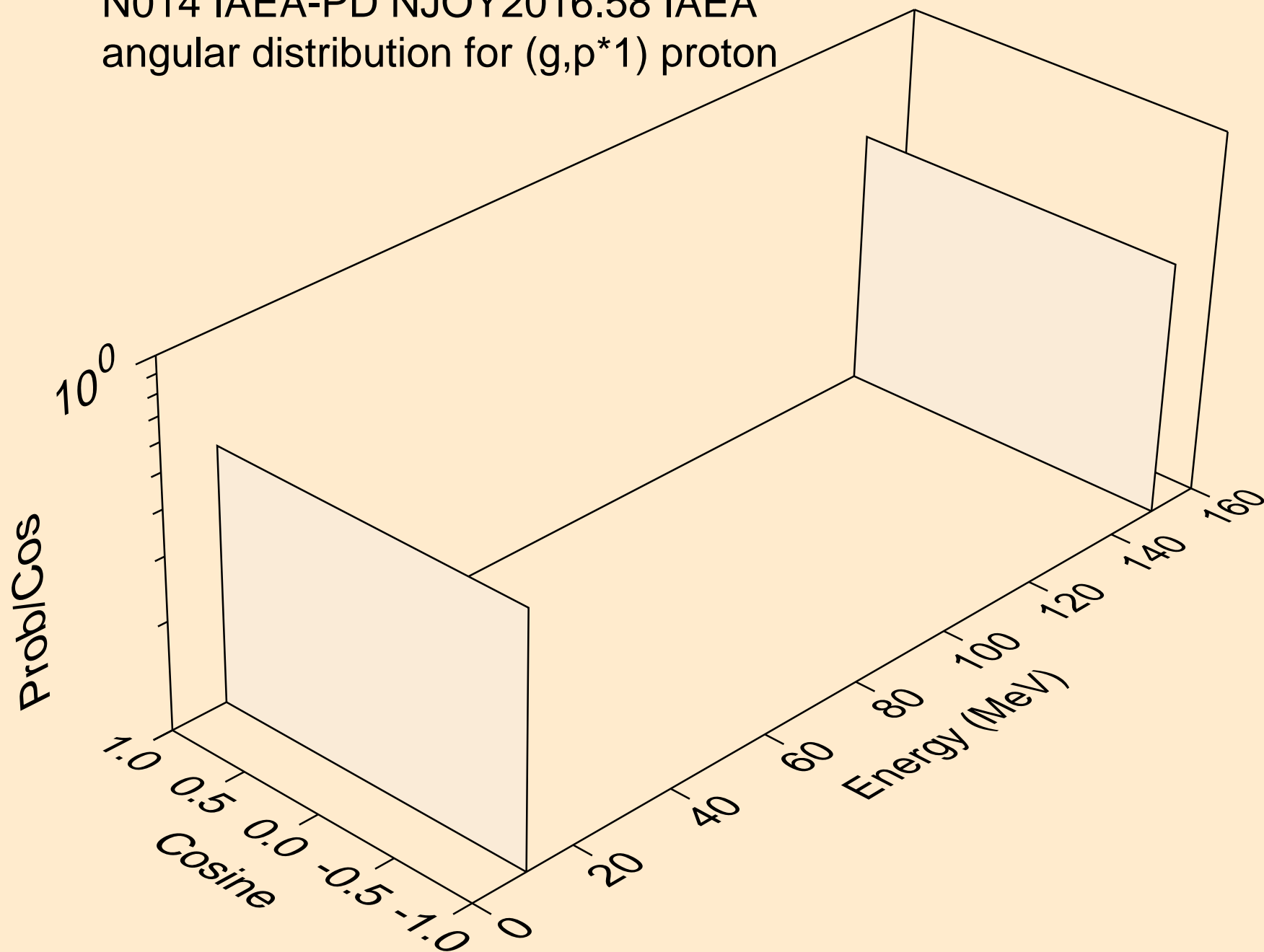
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protons from (g,pt)



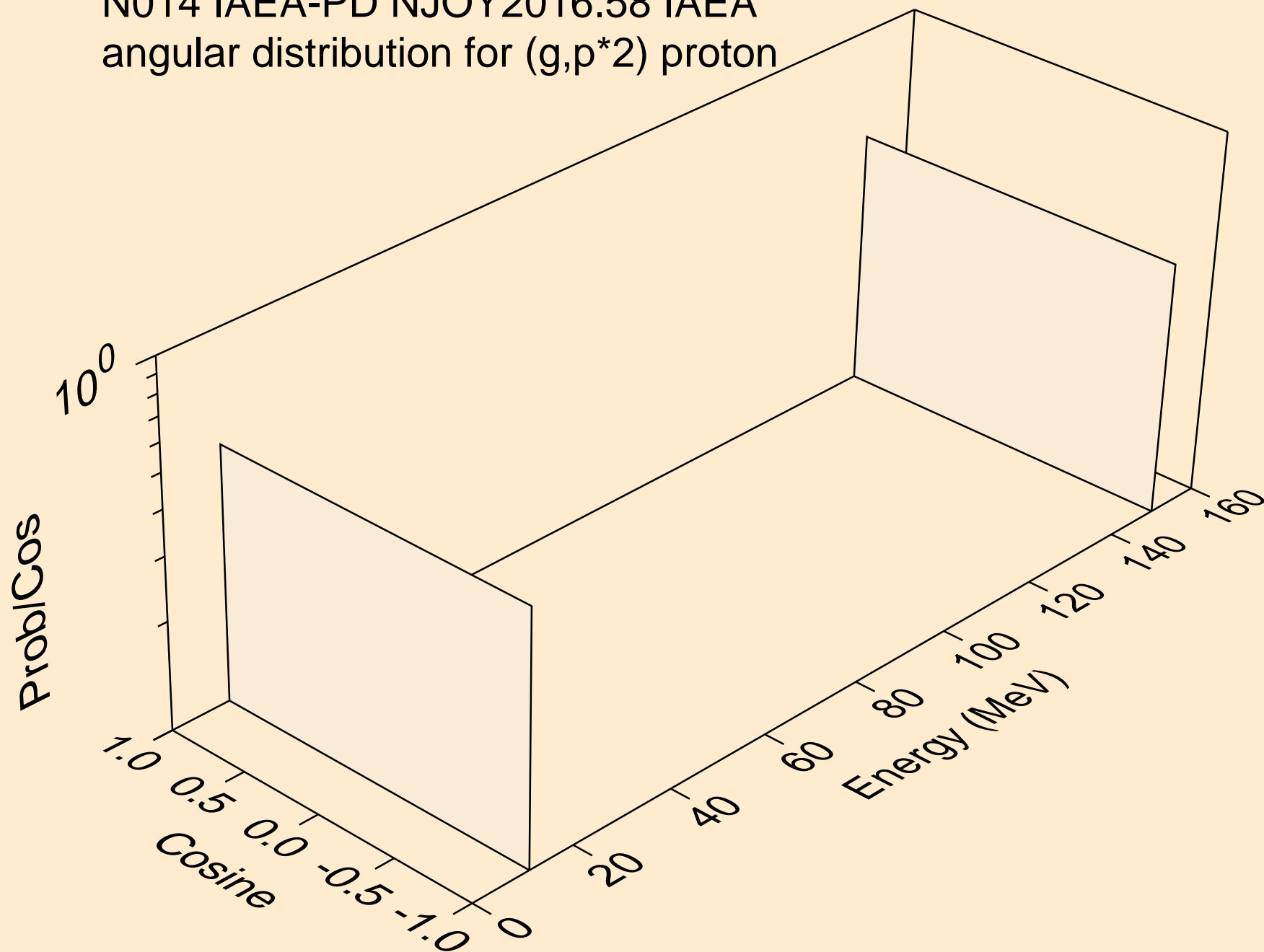
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angular distribution for (g,p\*0) proton



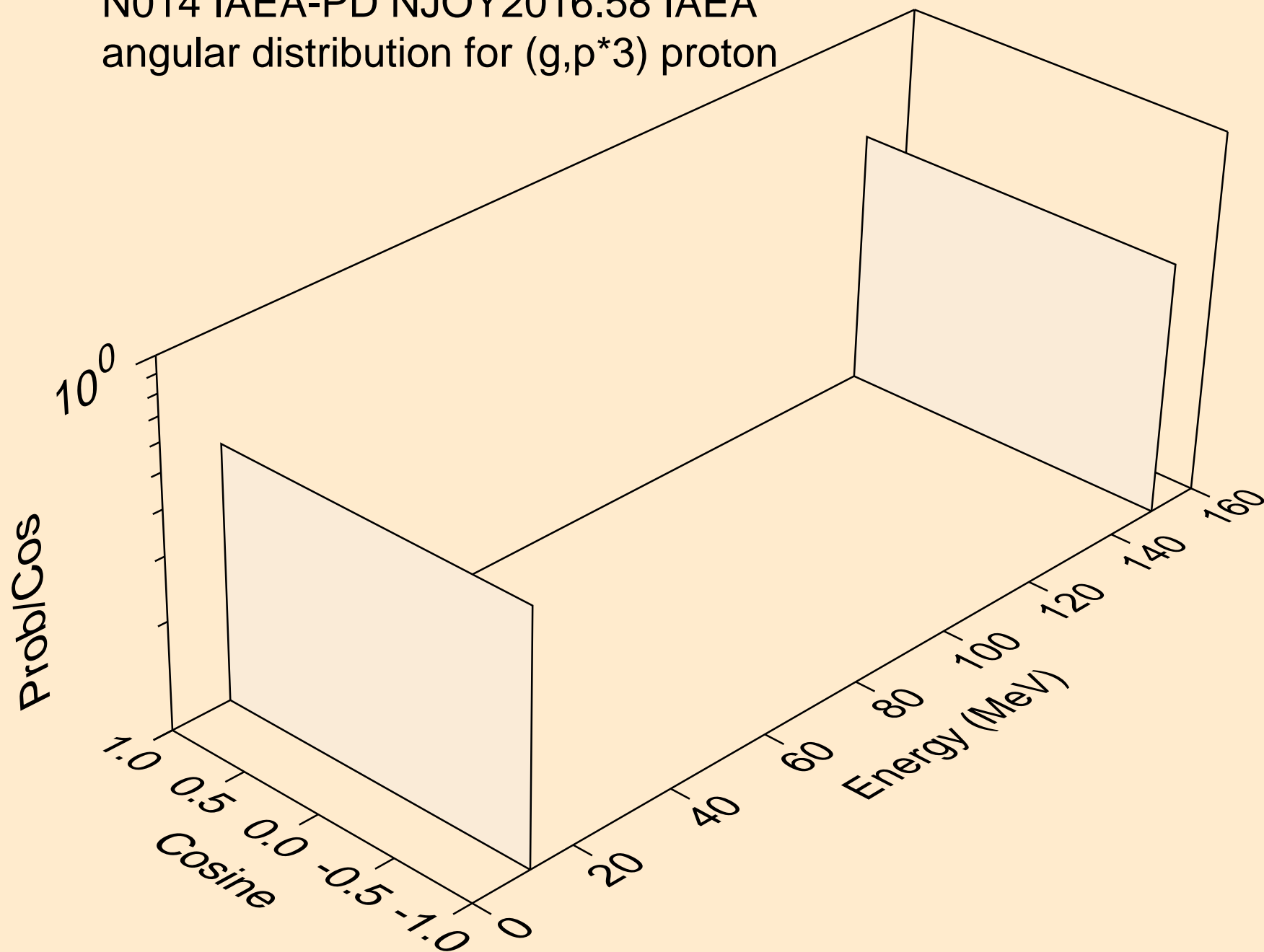
N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,p\*1) proton



N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,p\*2) proton

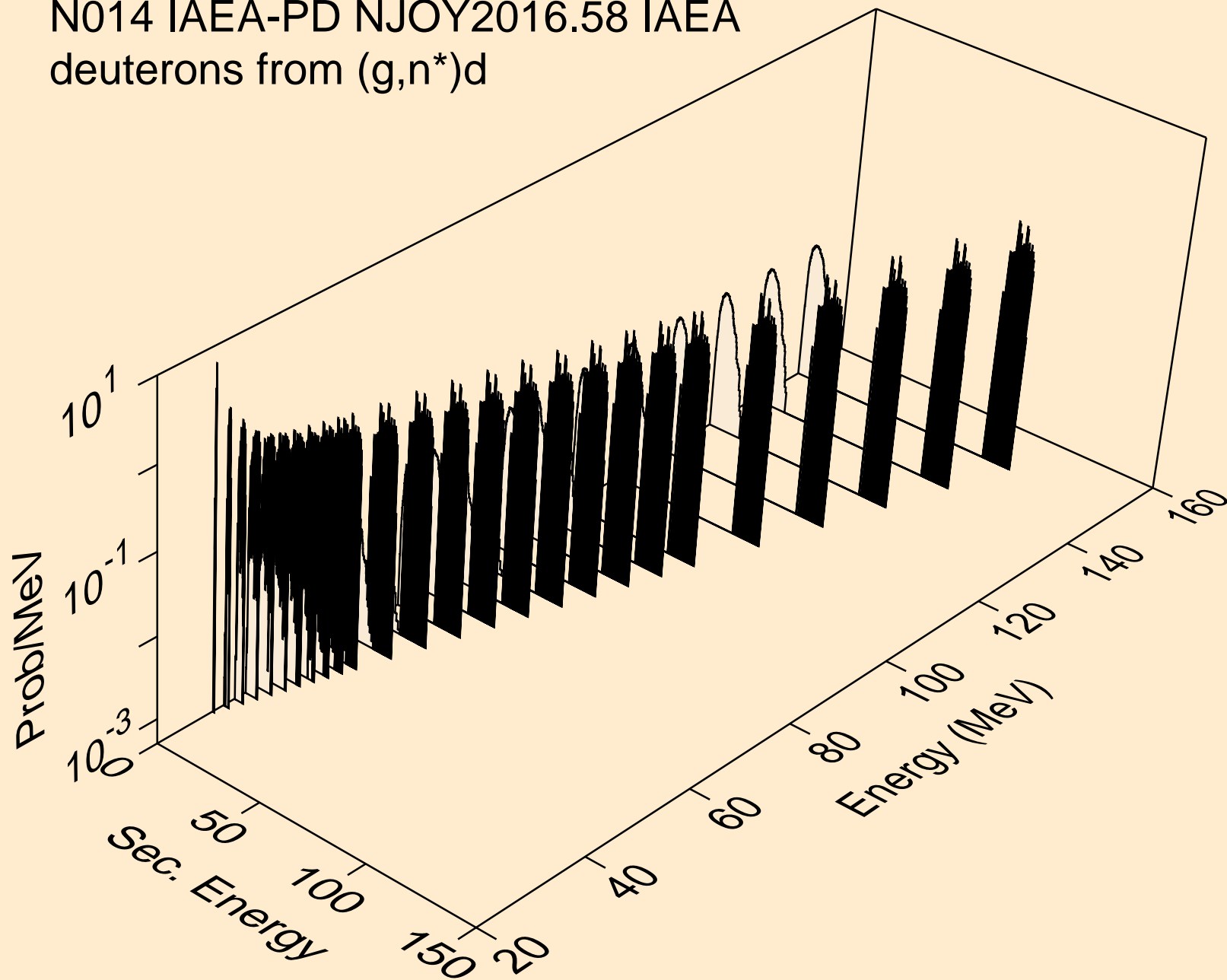


N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,p\*3) proton

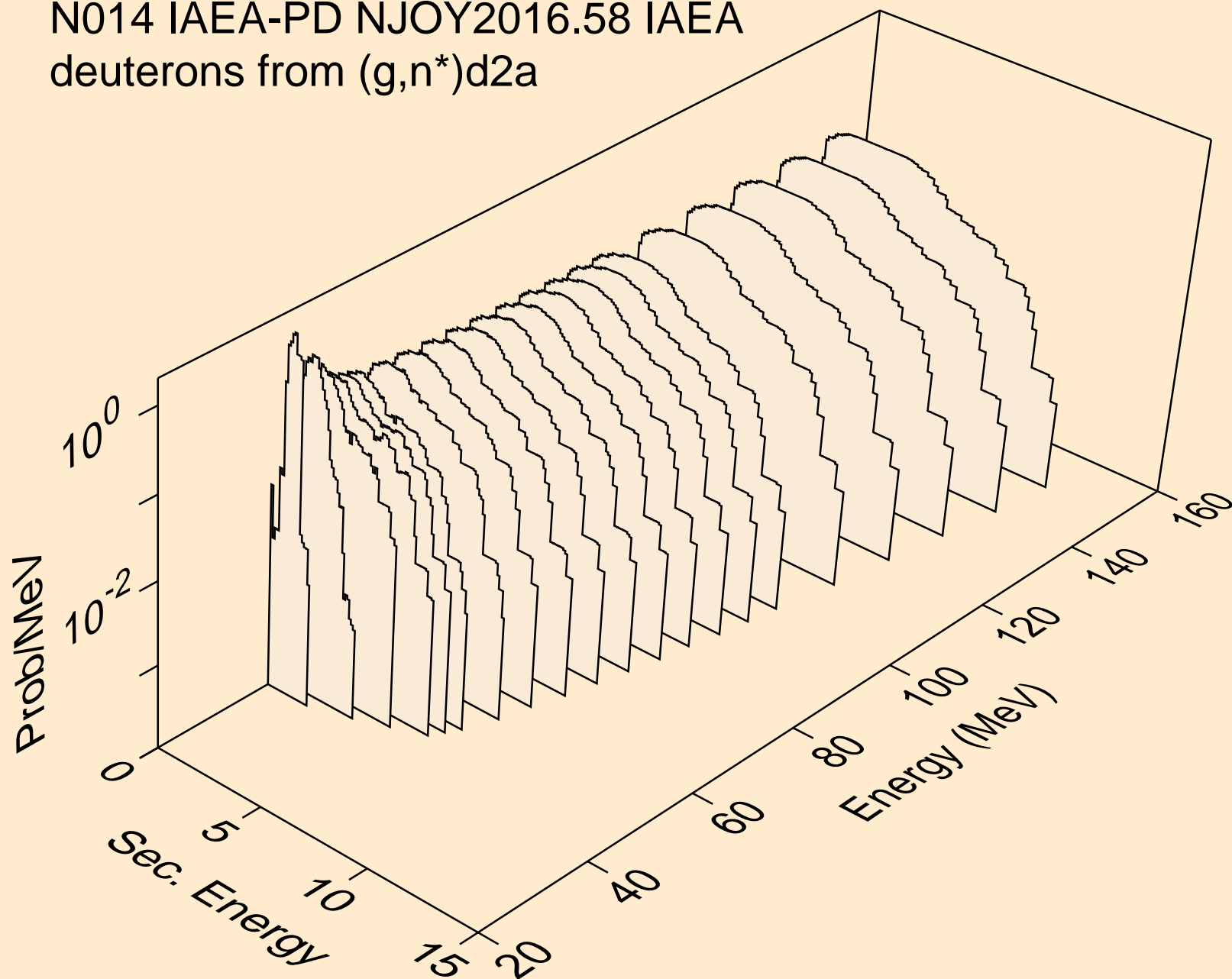




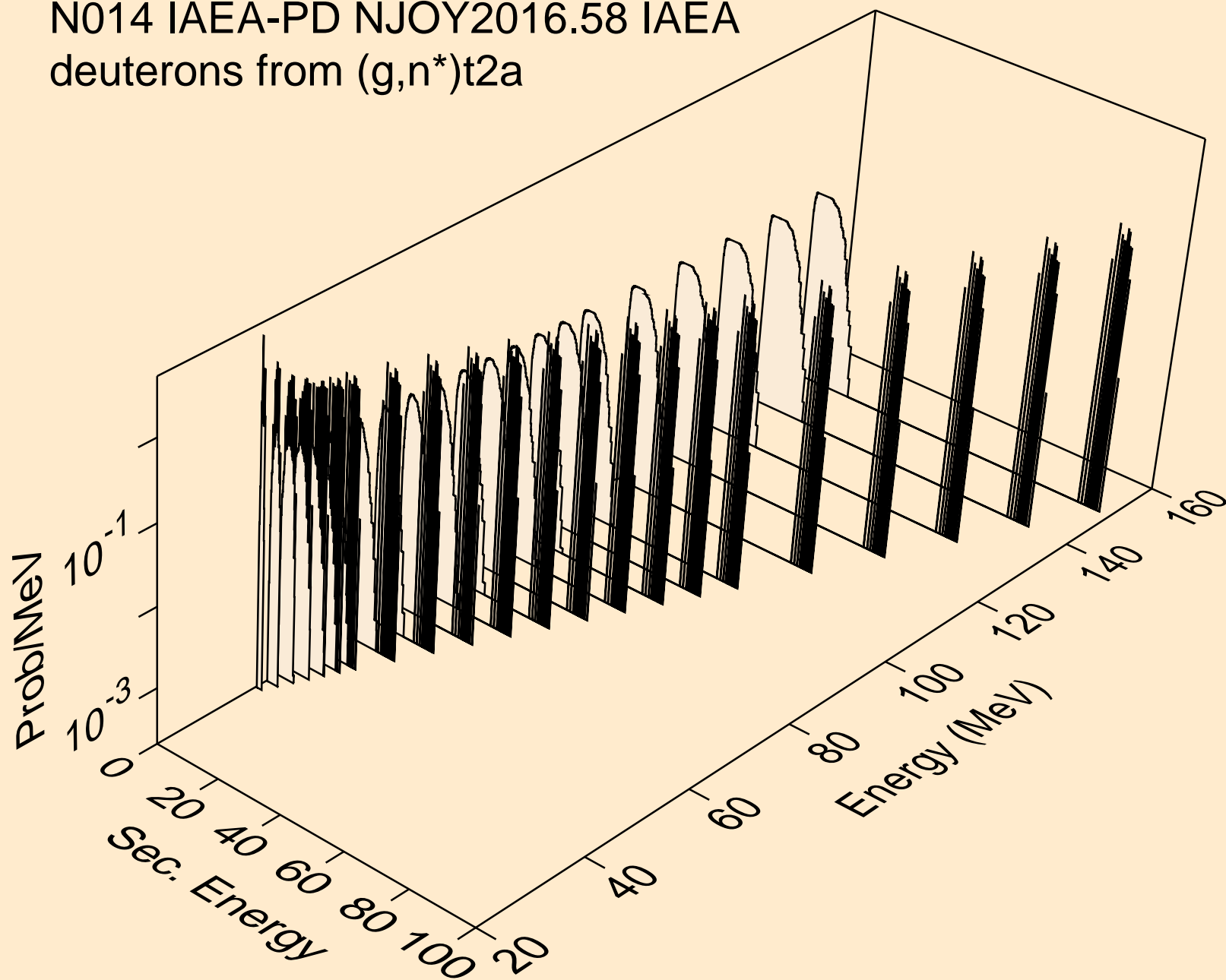
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deuterons from  $(g,n^*)d$



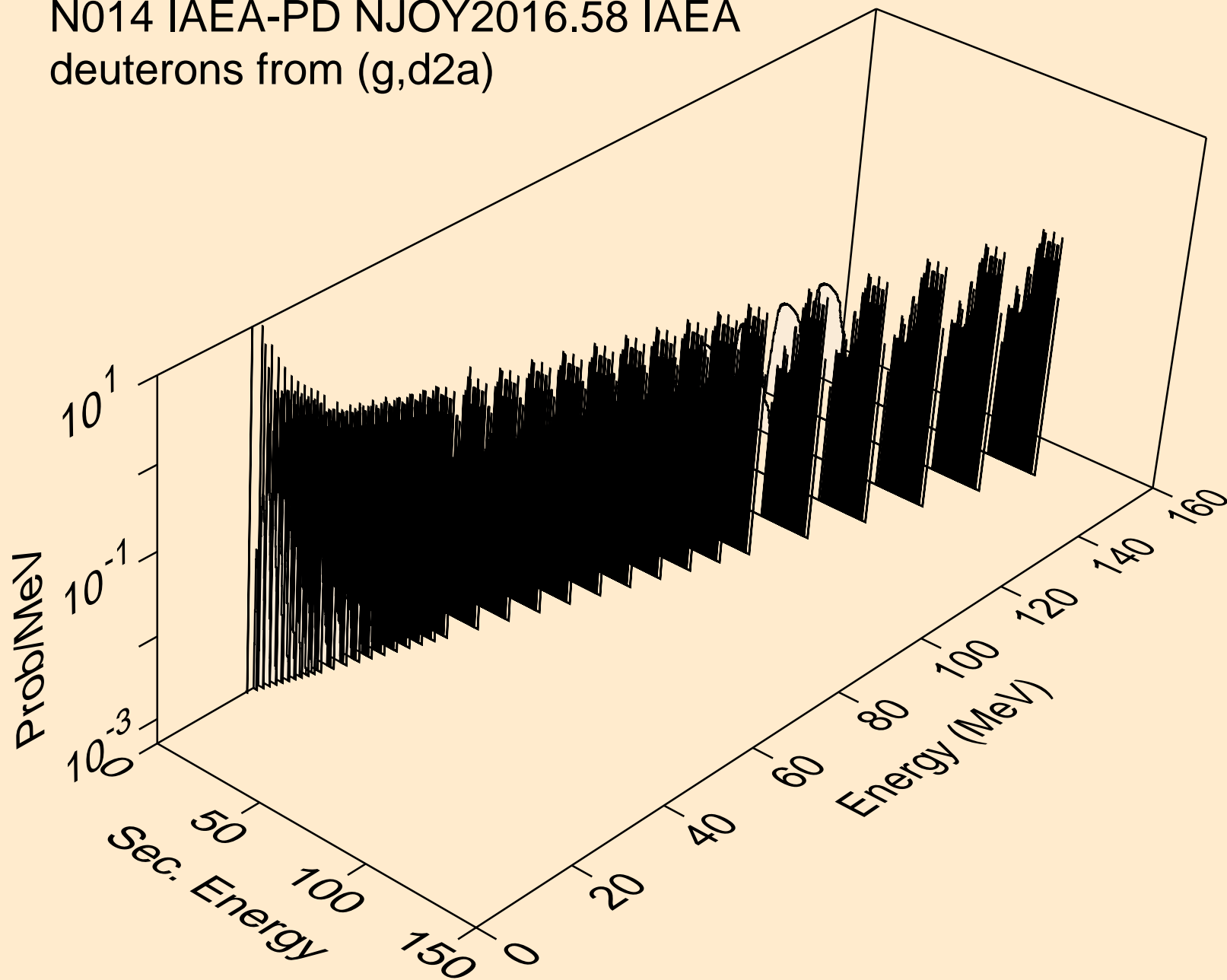
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deuterons from (g,n\*)d2a



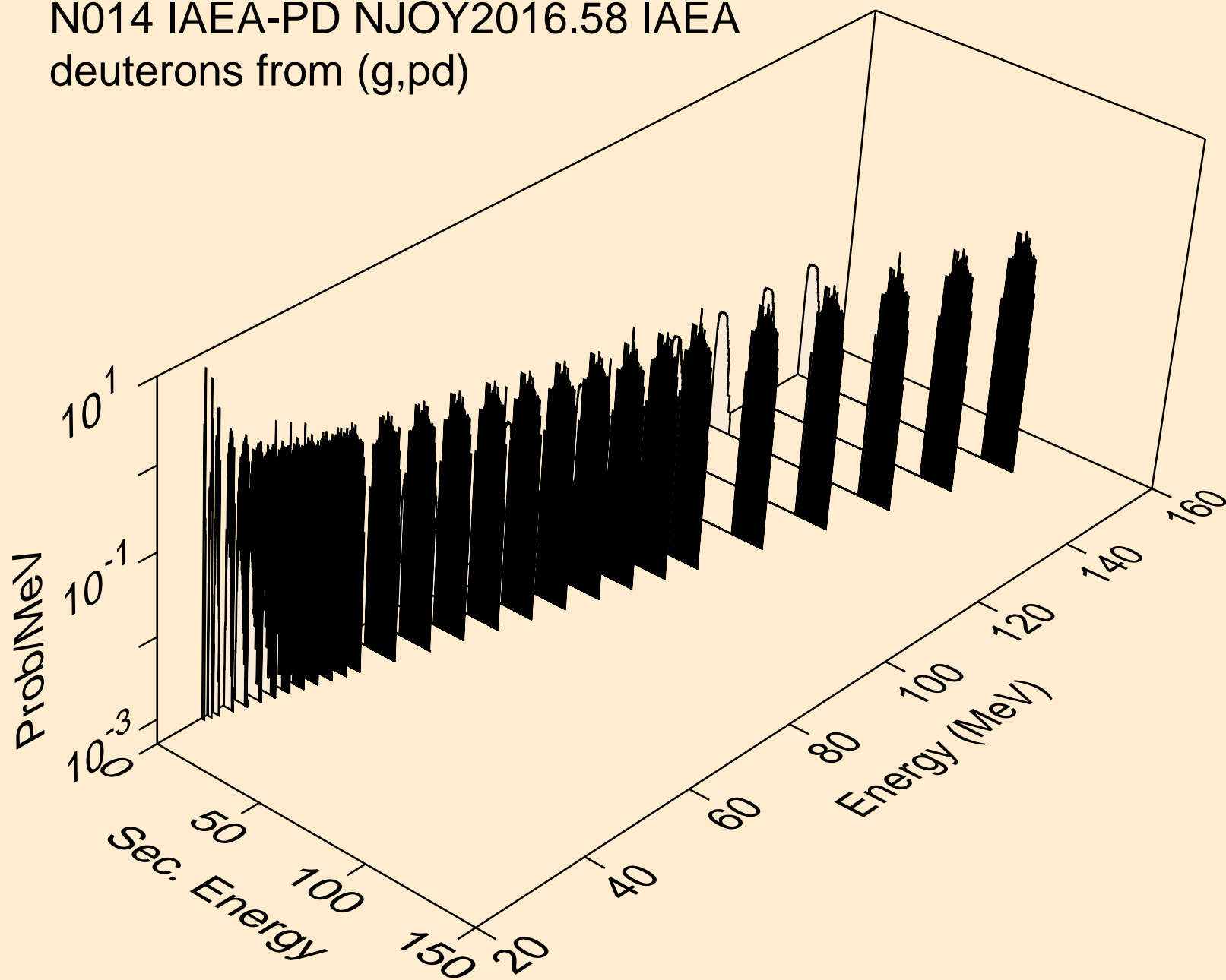
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deuterons from (g,n\*)t2a



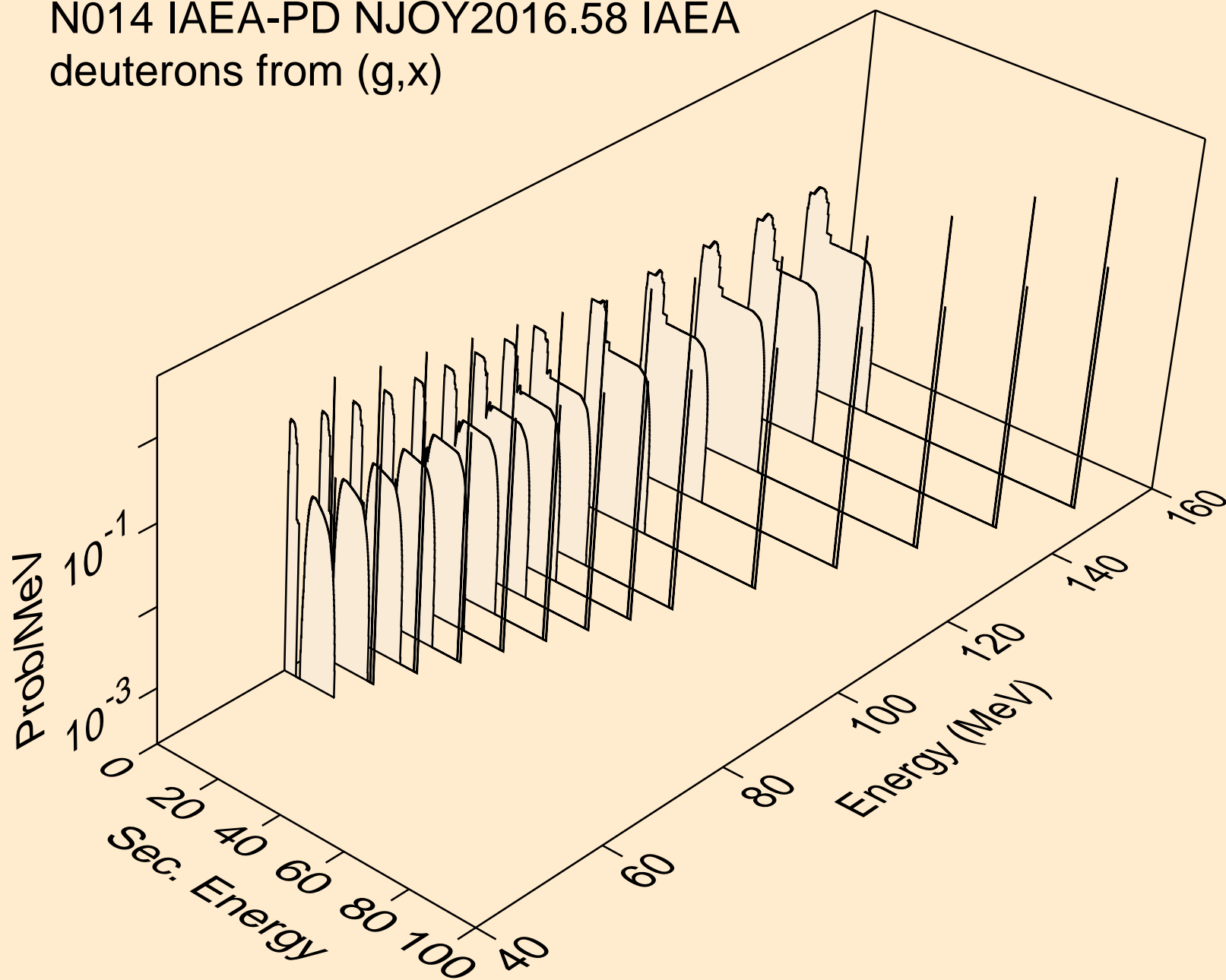
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deuterons from (g,d2a)



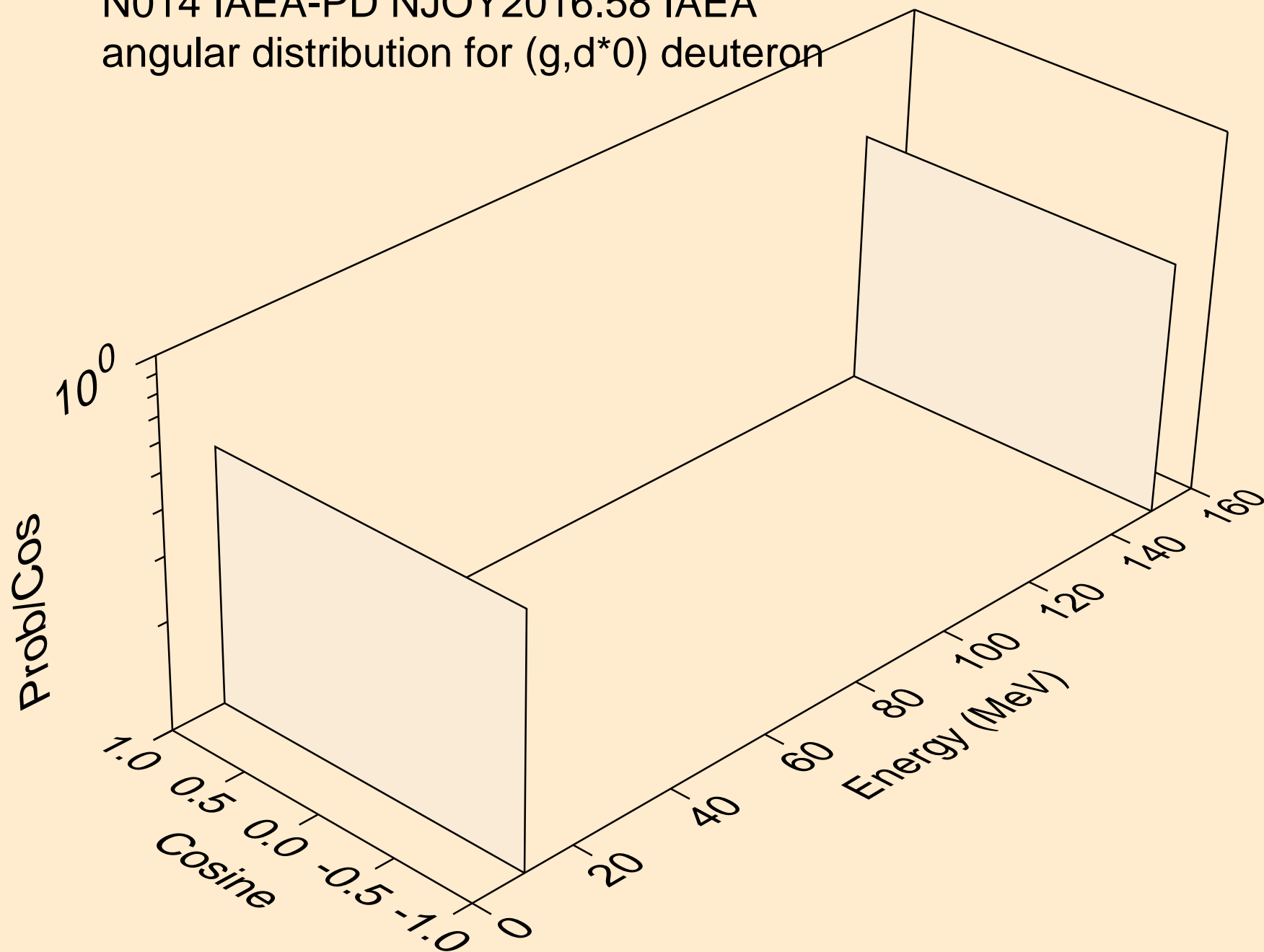
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deuterons from (g,pd)



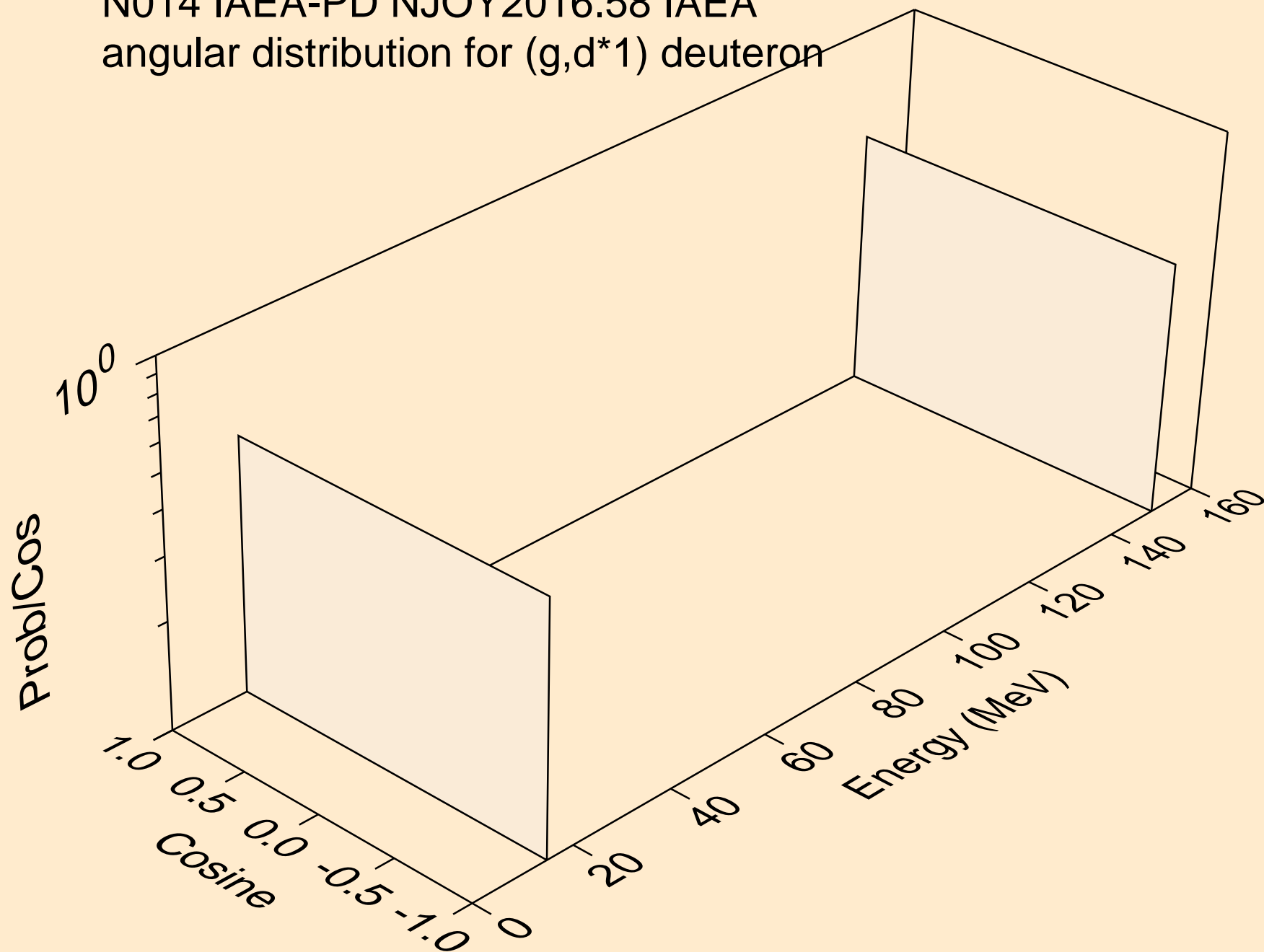
N014 IAEA-PD NJOY2016.58 IAEA  
deuterons from (g,x)



N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,d\*0) deuteron

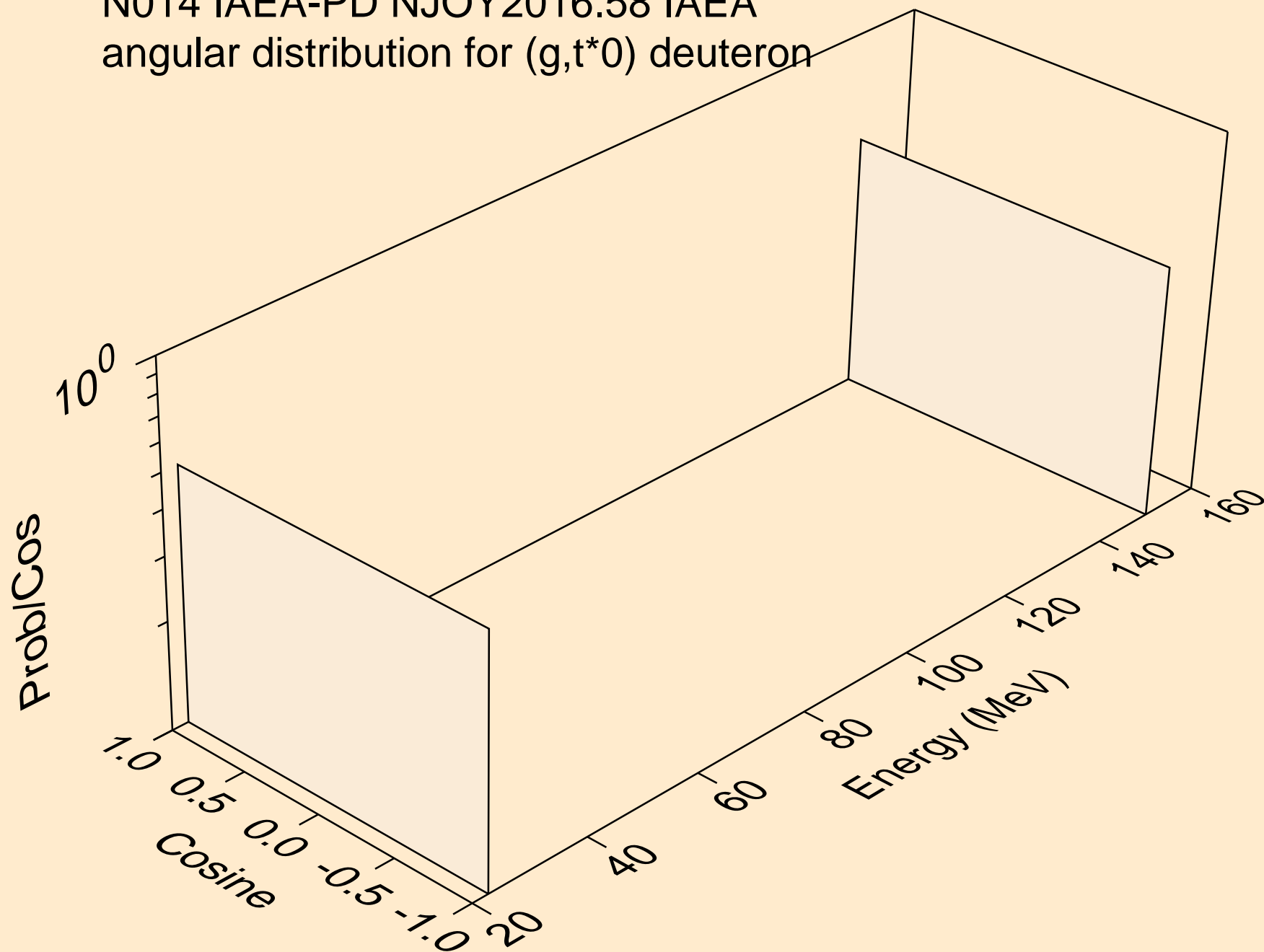


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angular distribution for (g,d\*1) deuteron

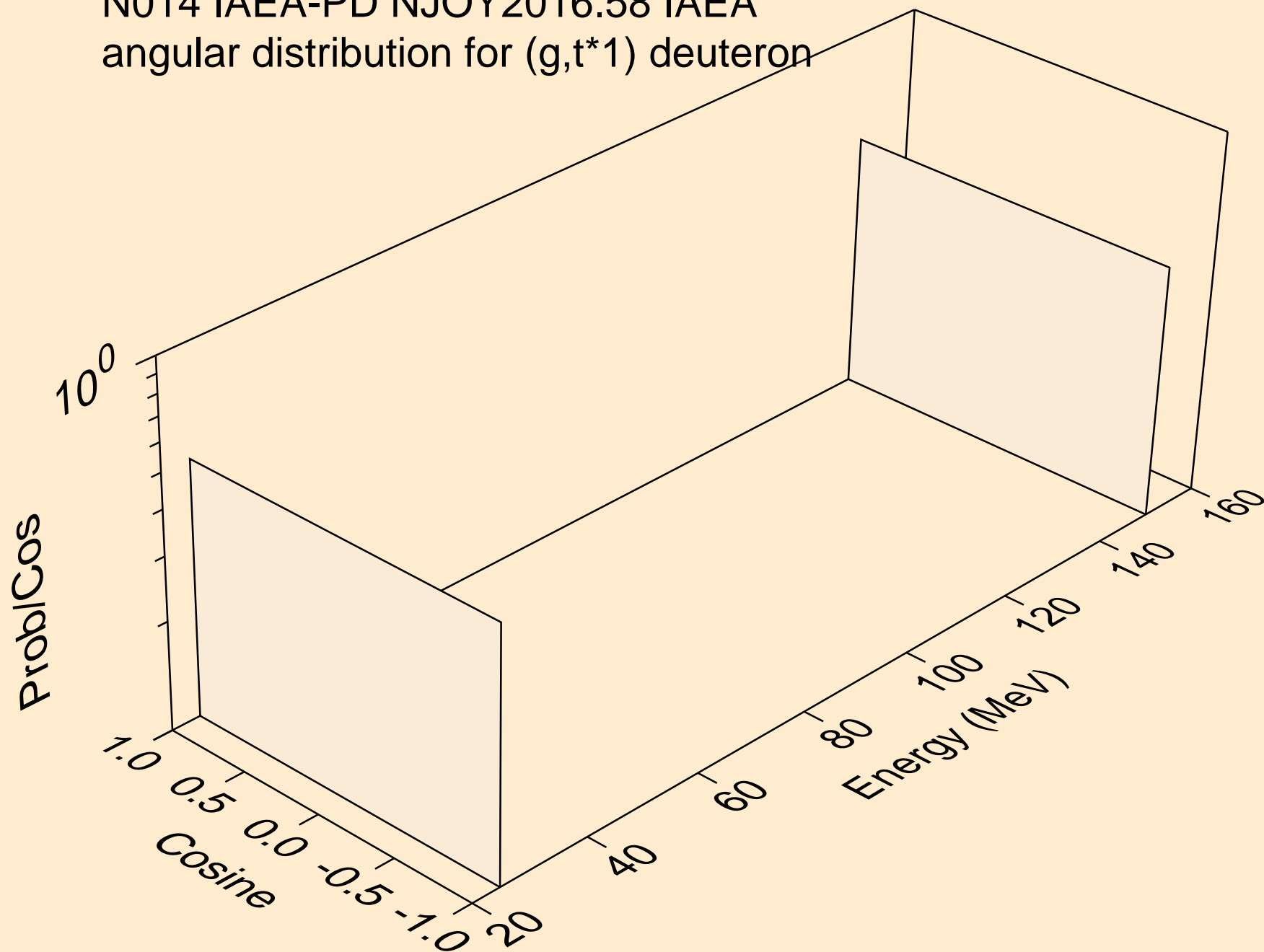




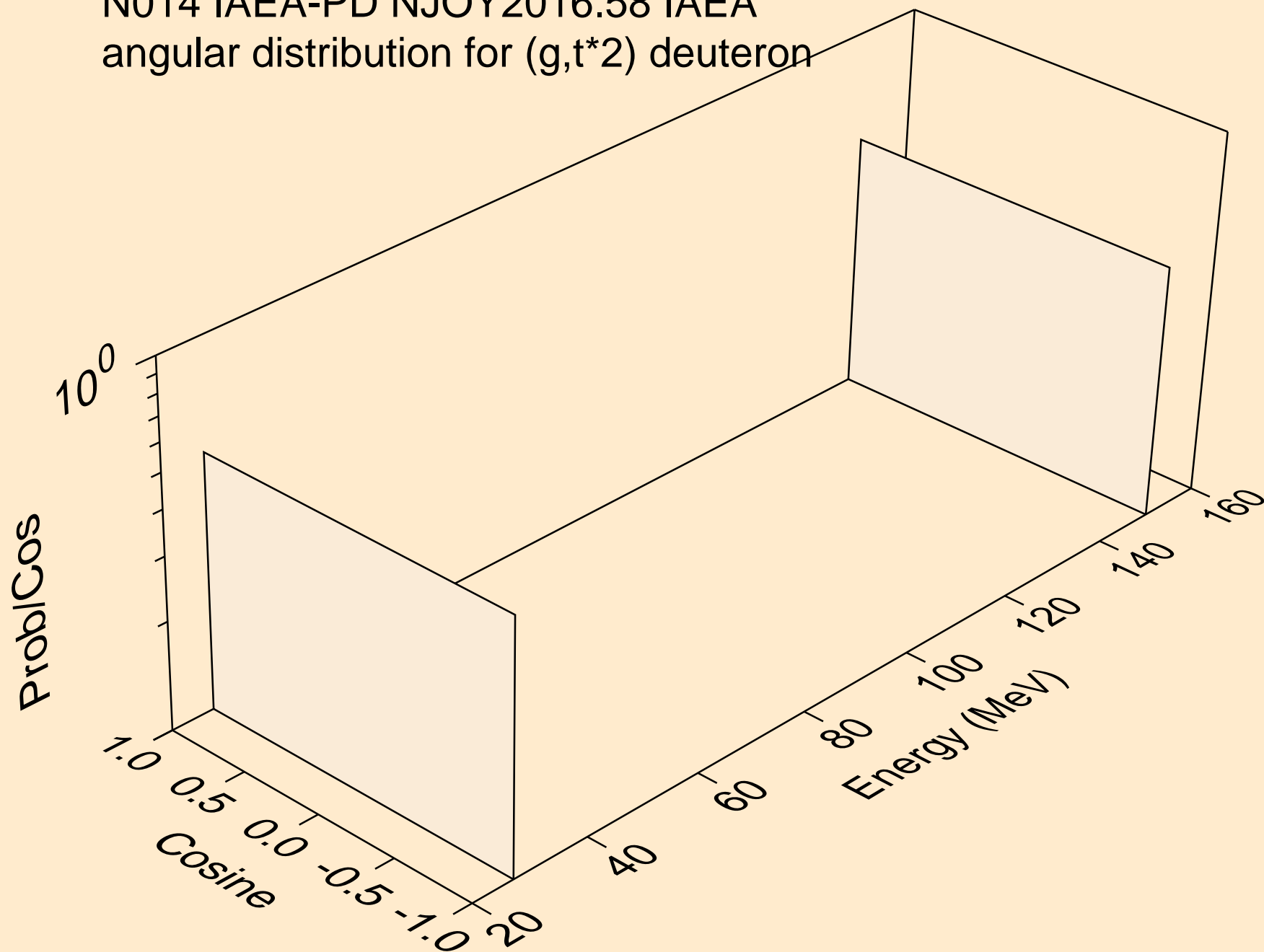
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angular distribution for (g,t\*0) deuteron



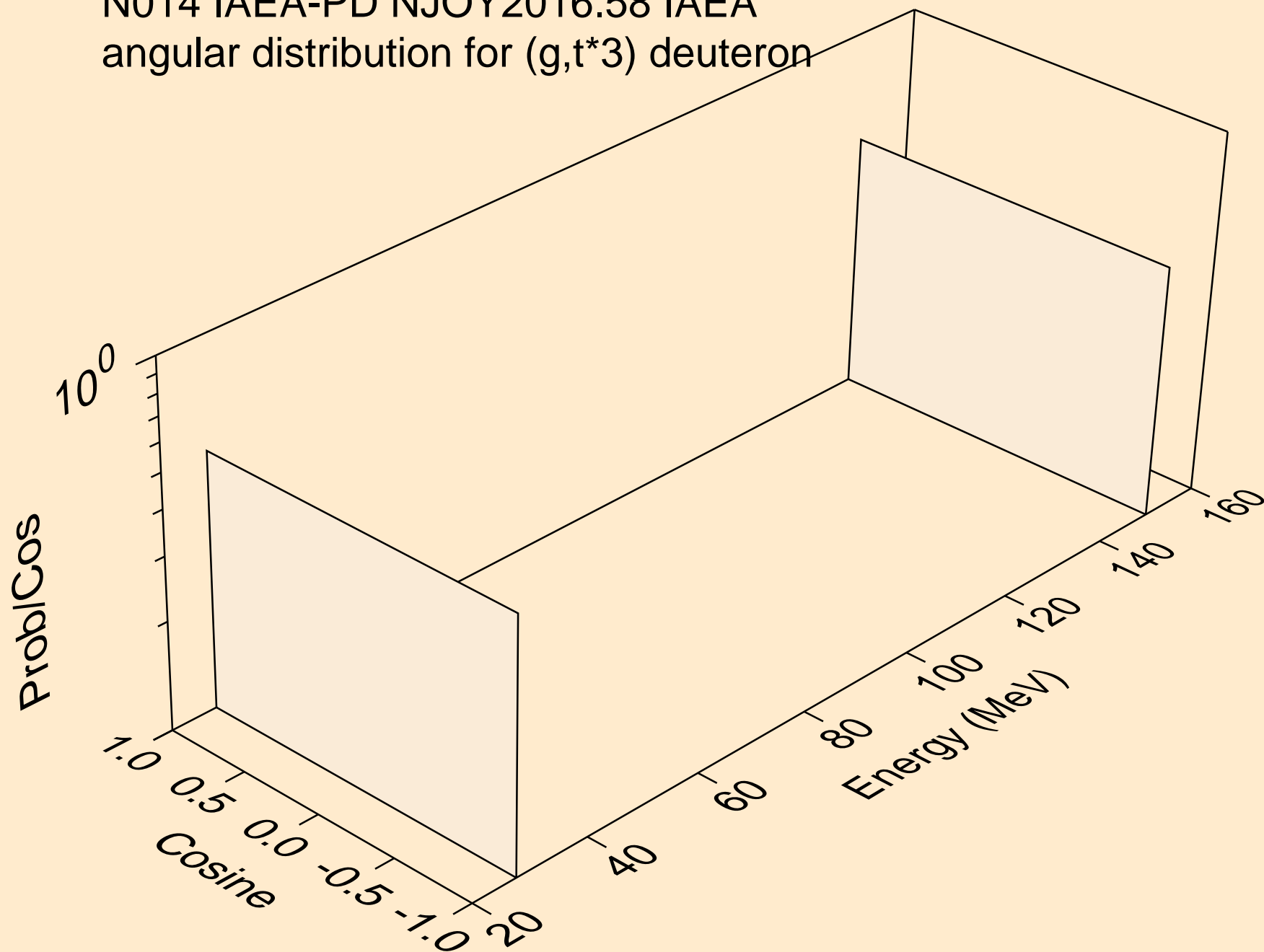
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angular distribution for (g,t\*1) deuteron



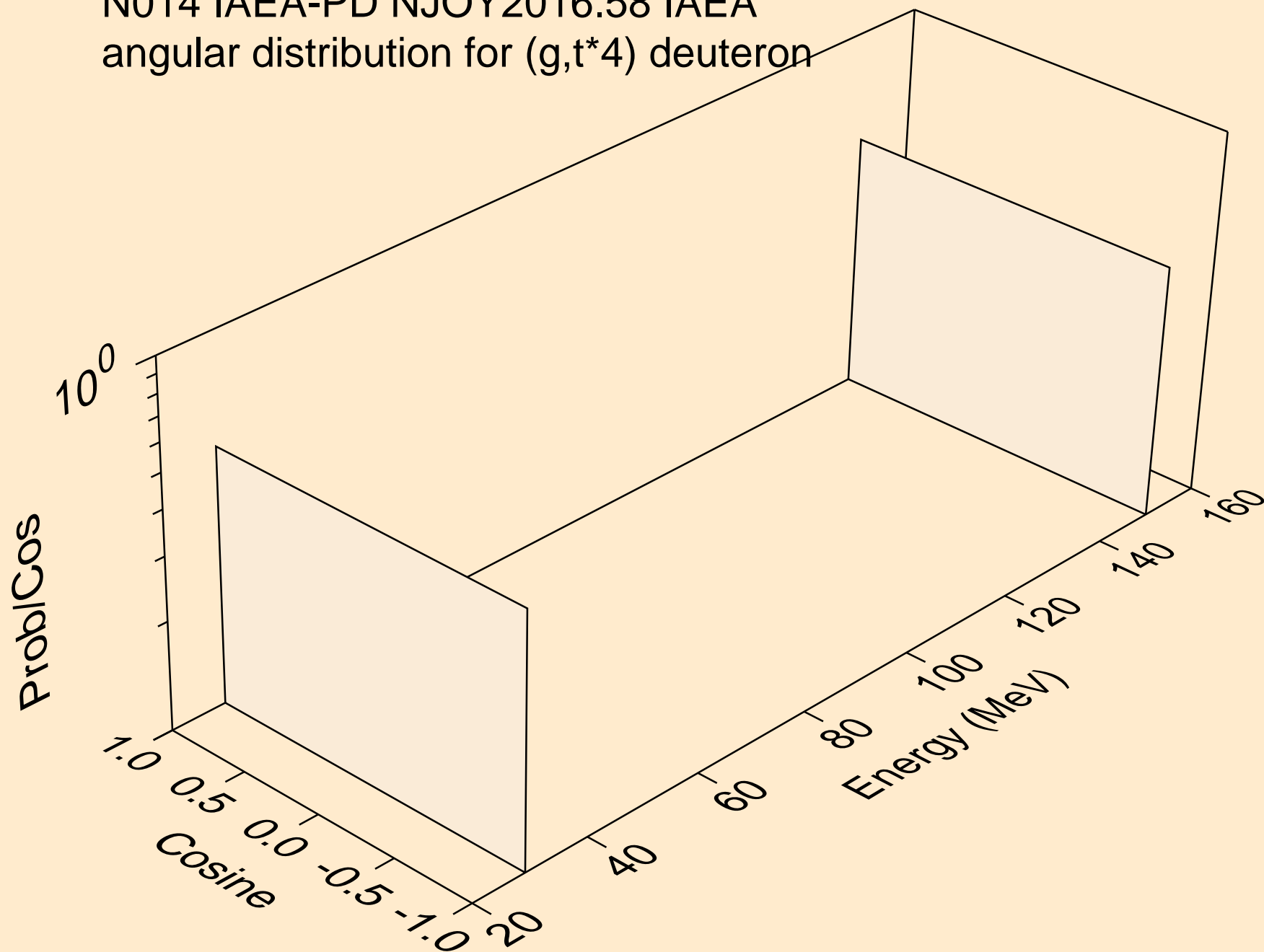
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angular distribution for (g,t\*2) deuteron



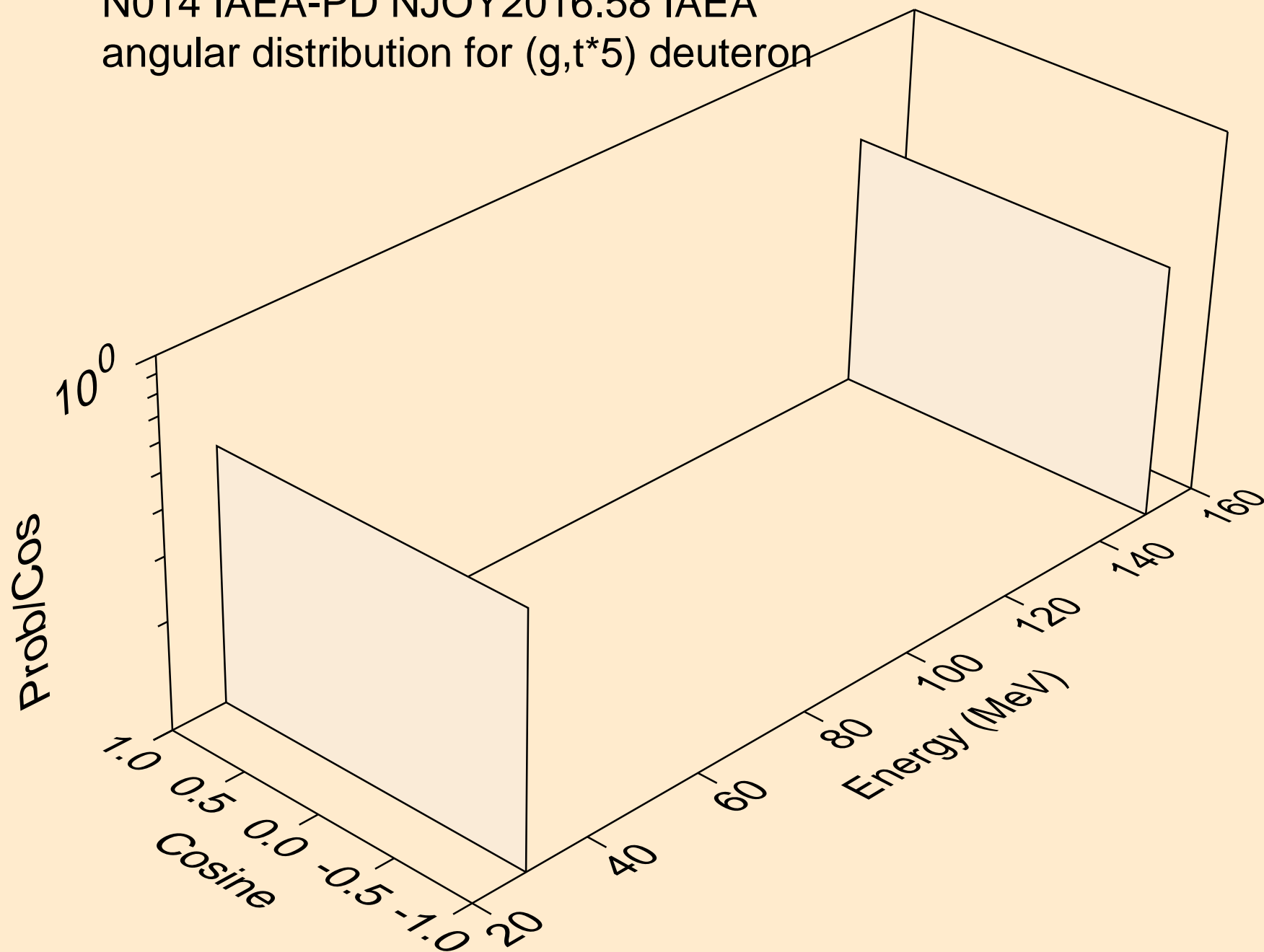
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angular distribution for (g,t\*3) deuteron



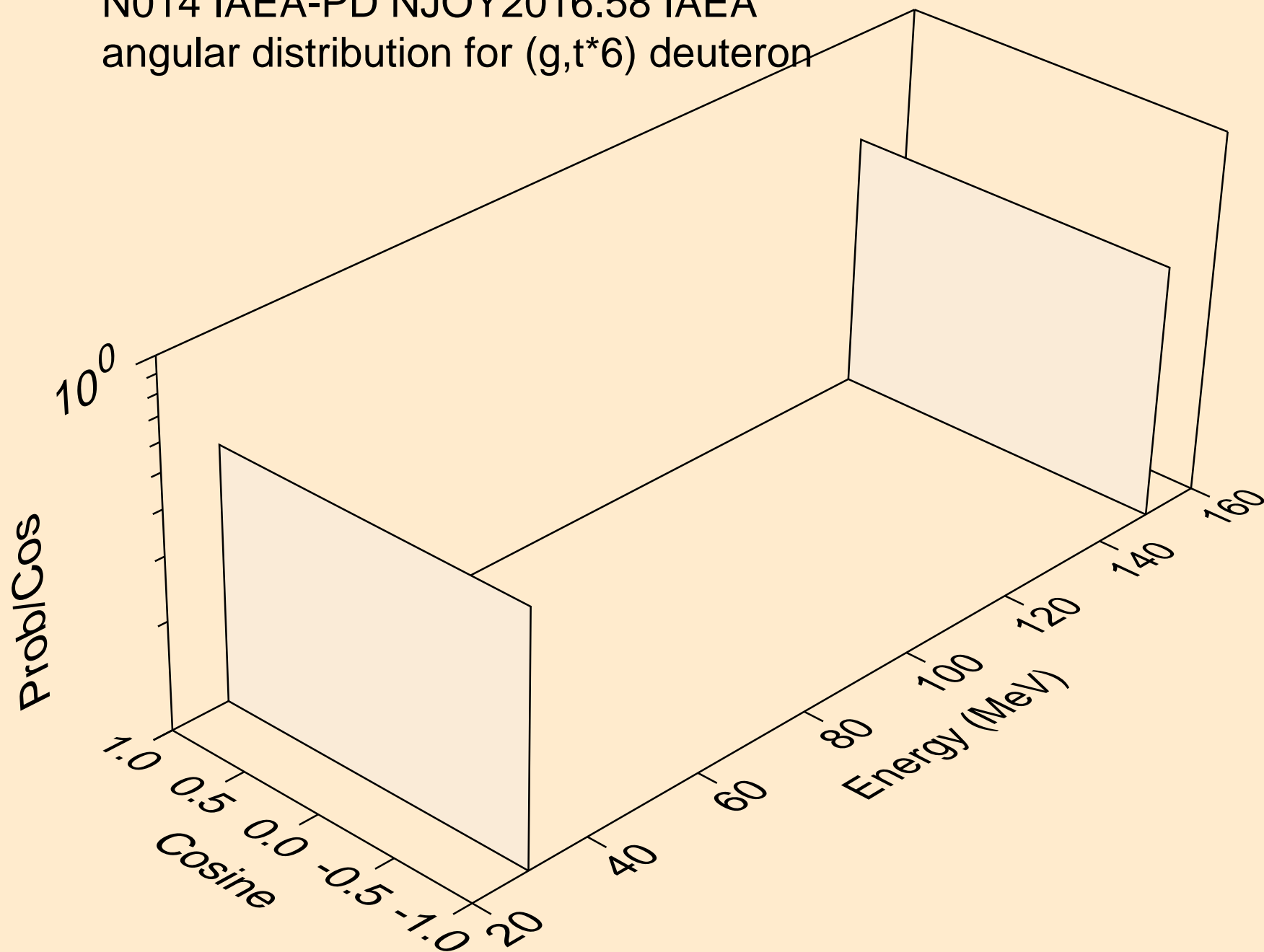
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angular distribution for (g,t\*4) deuteron



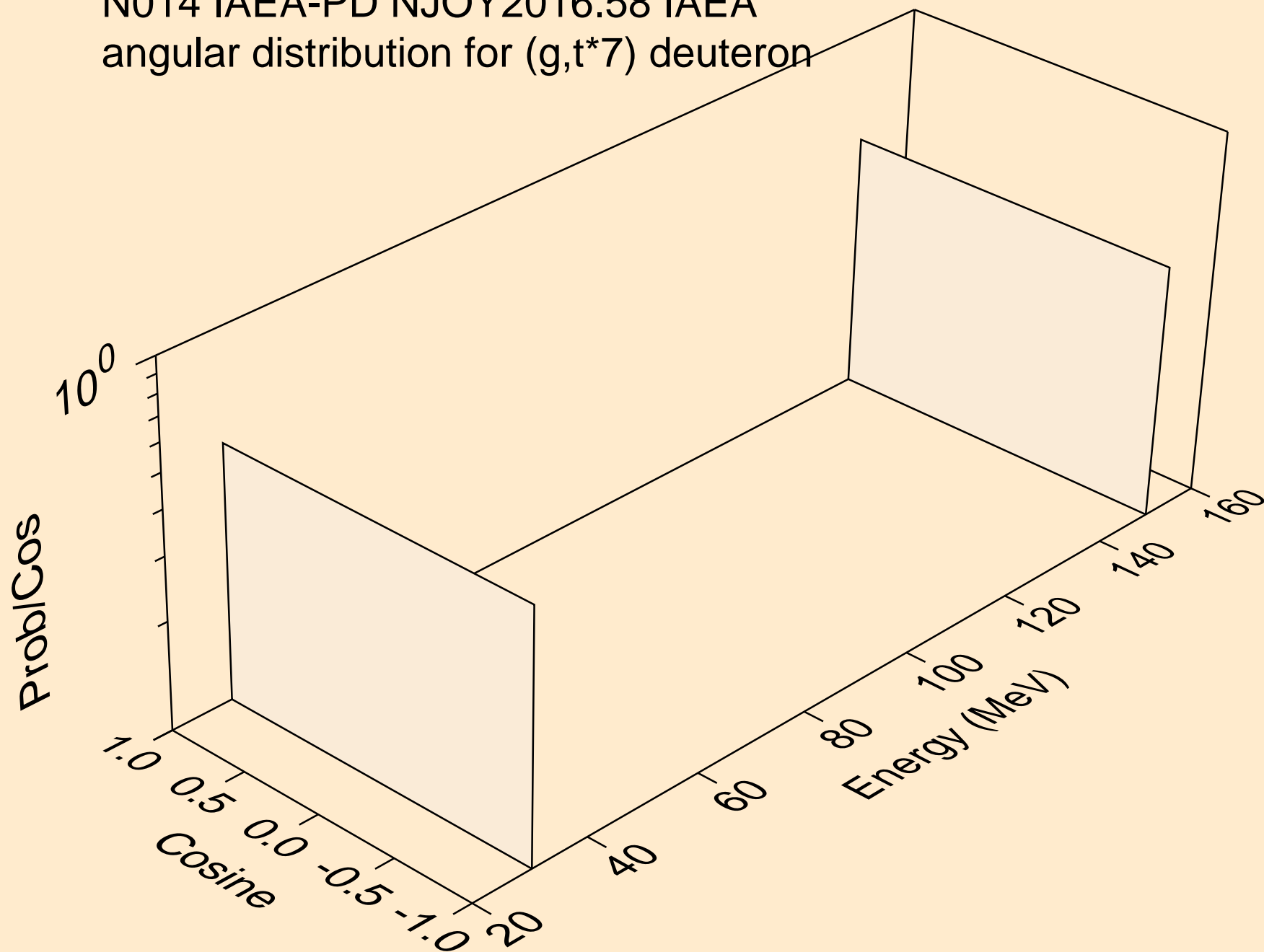
N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,t\*5) deuteron



N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,t\*6) deuteron

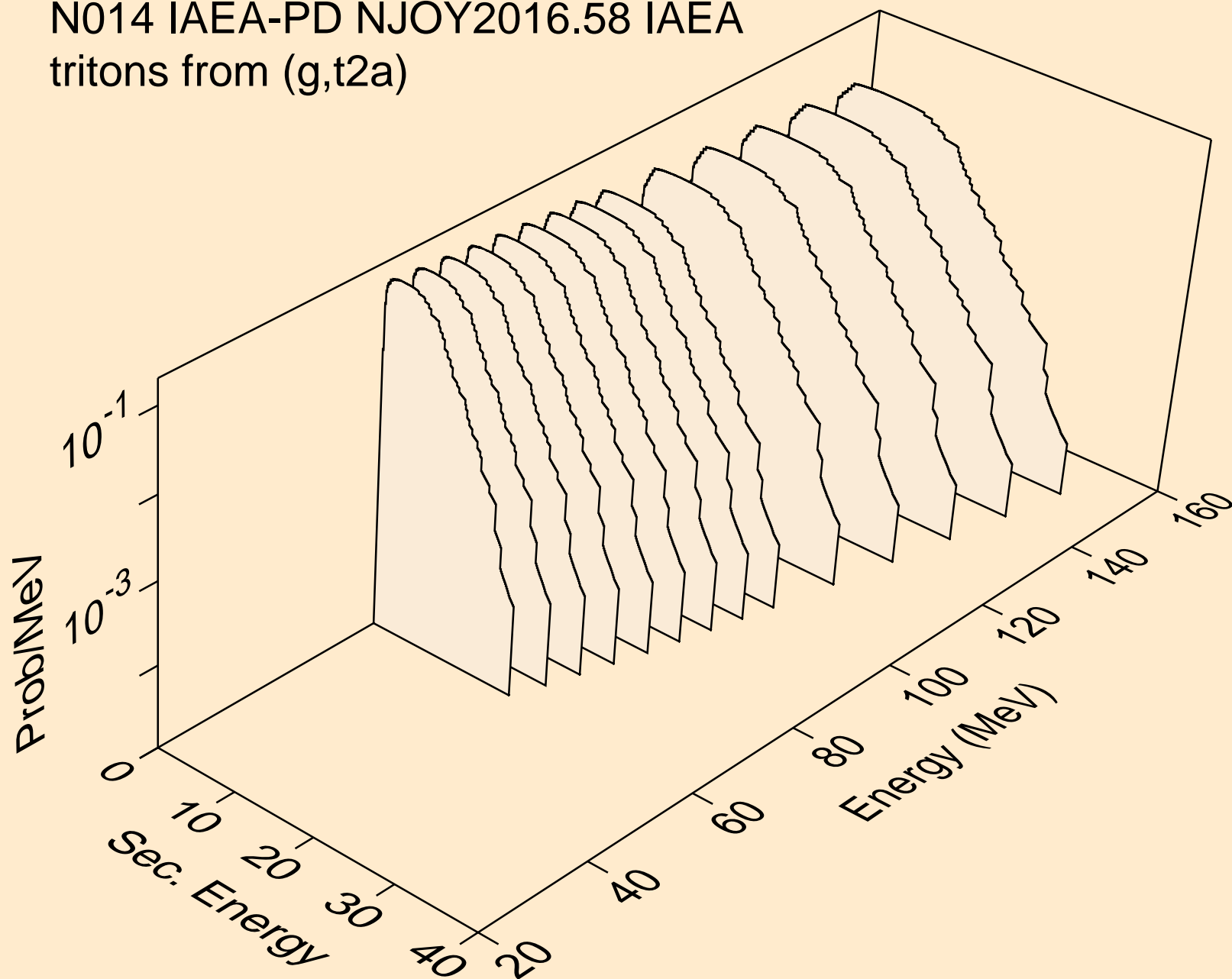


N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,t\*7) deuteron

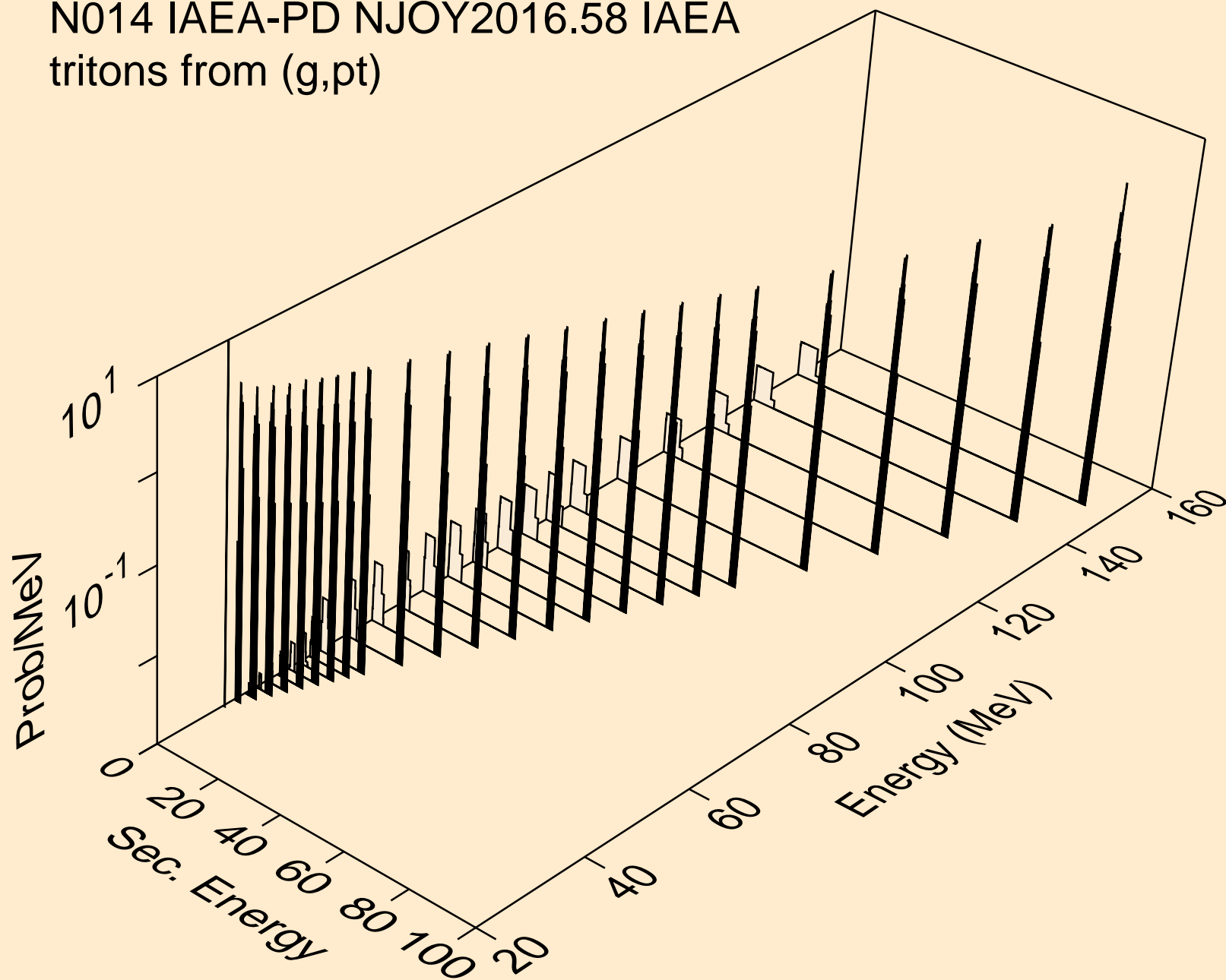




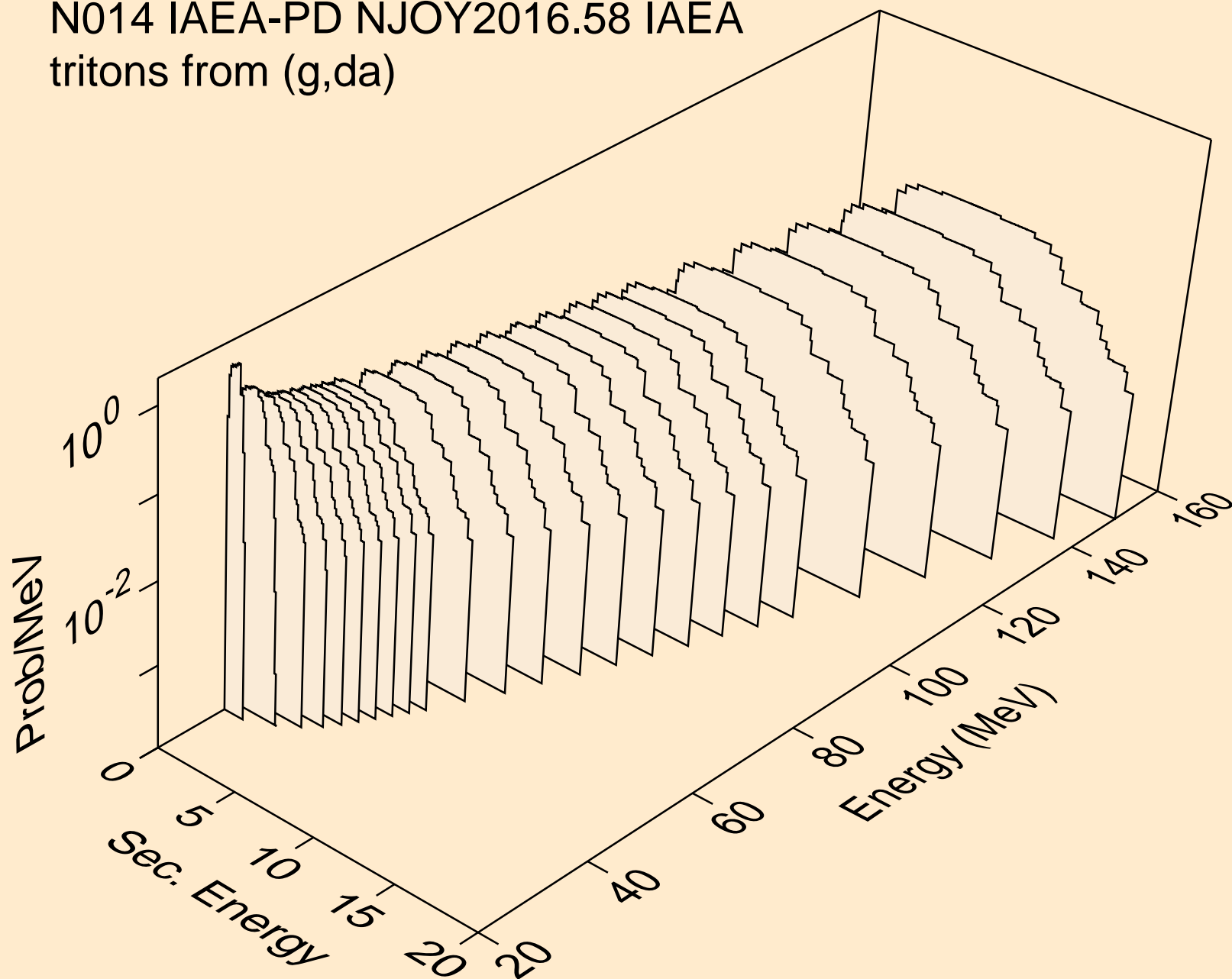
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tritons from (g,t2a)



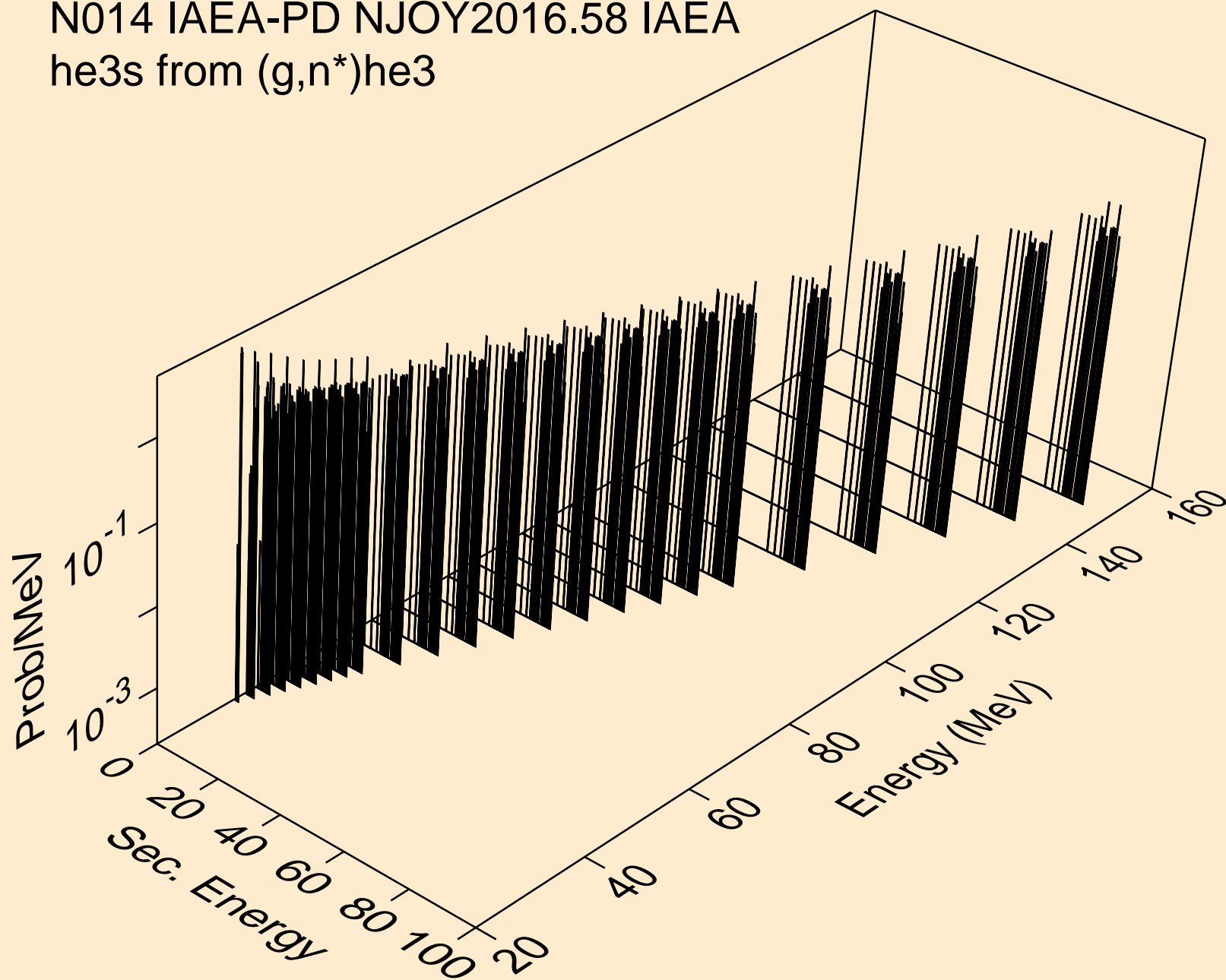
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tritons from (g,pt)



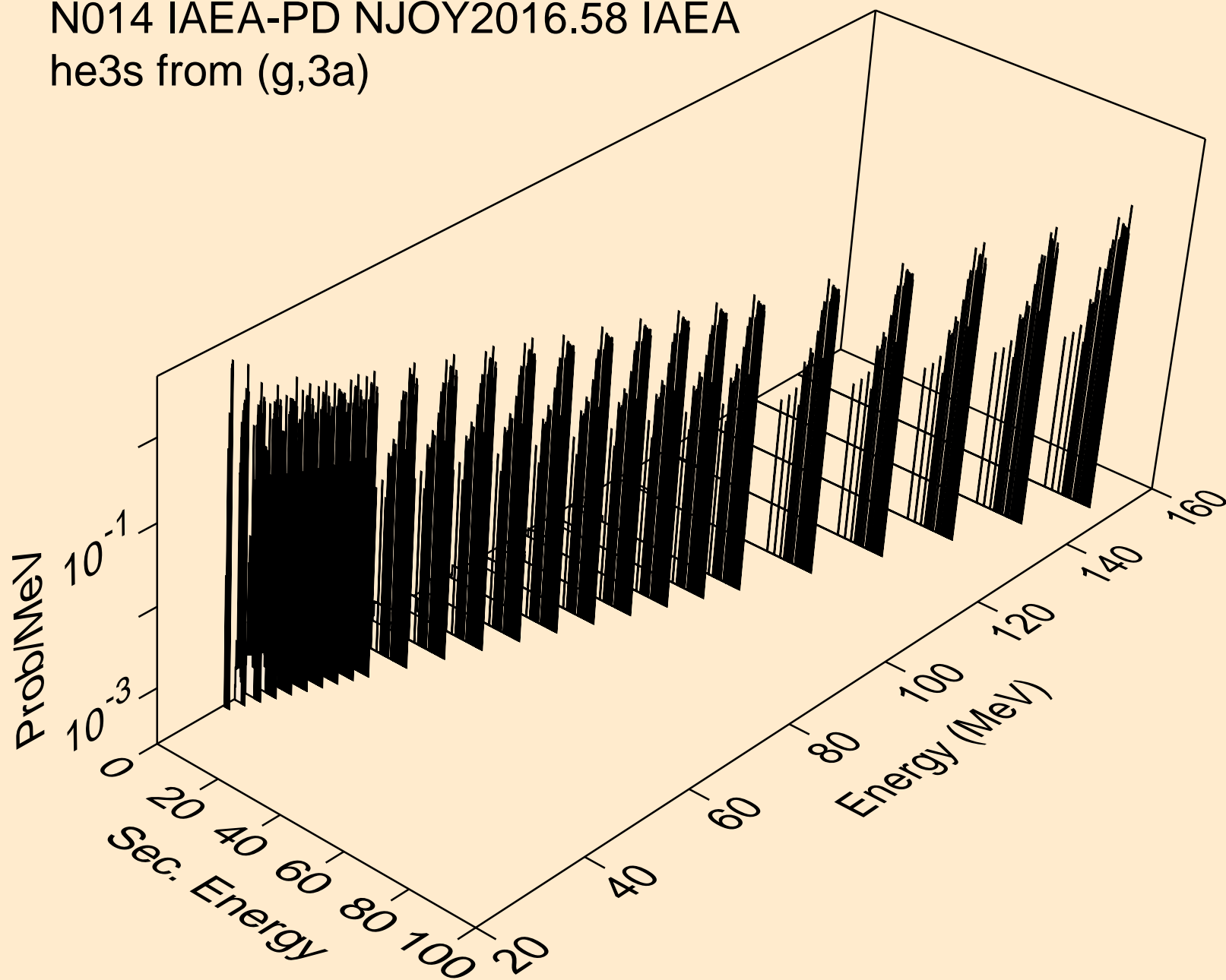
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tritons from (g,da)



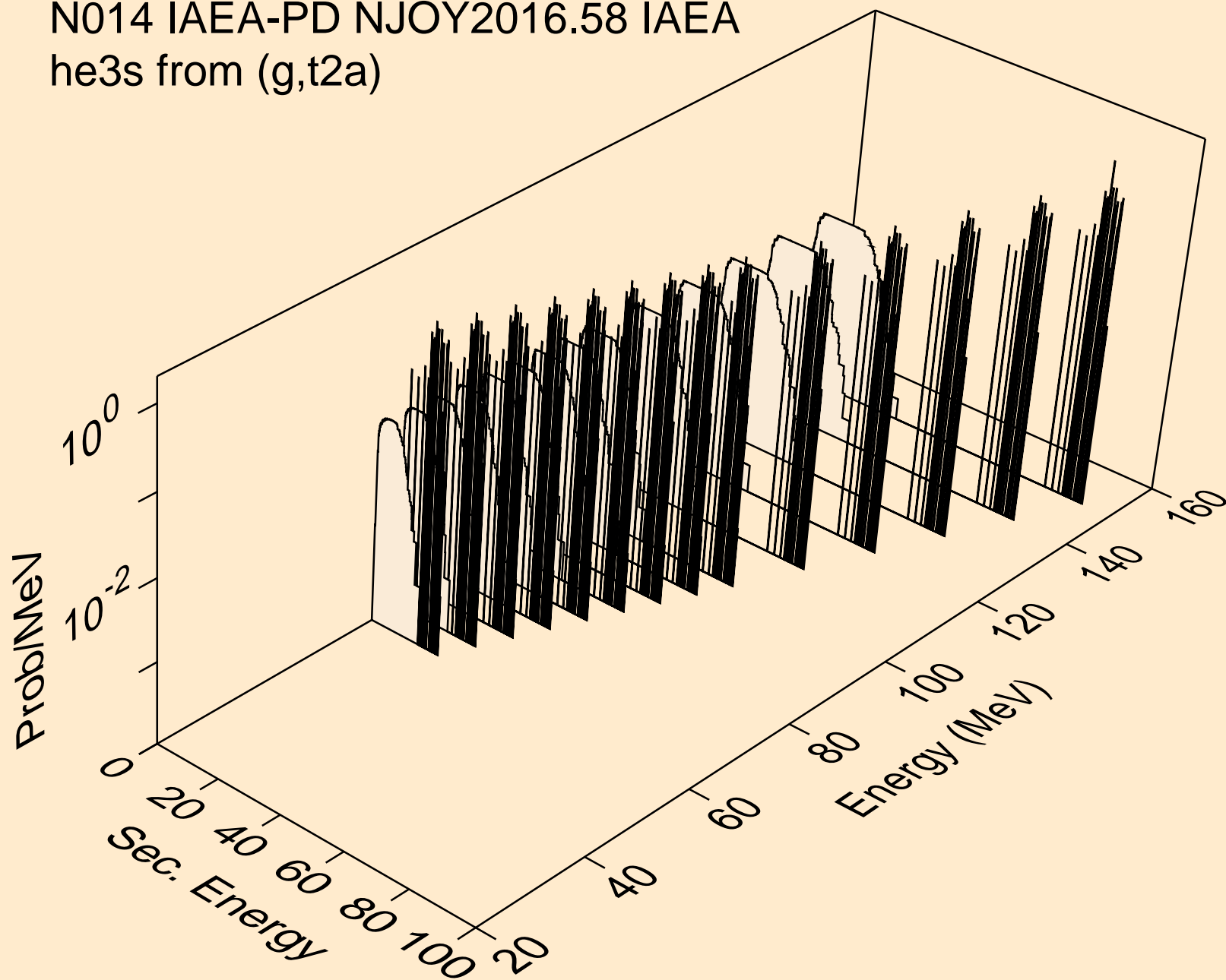
N014 IAEA-PD NJOY2016.58 IAEA  
he3s from (g,n\*)he3



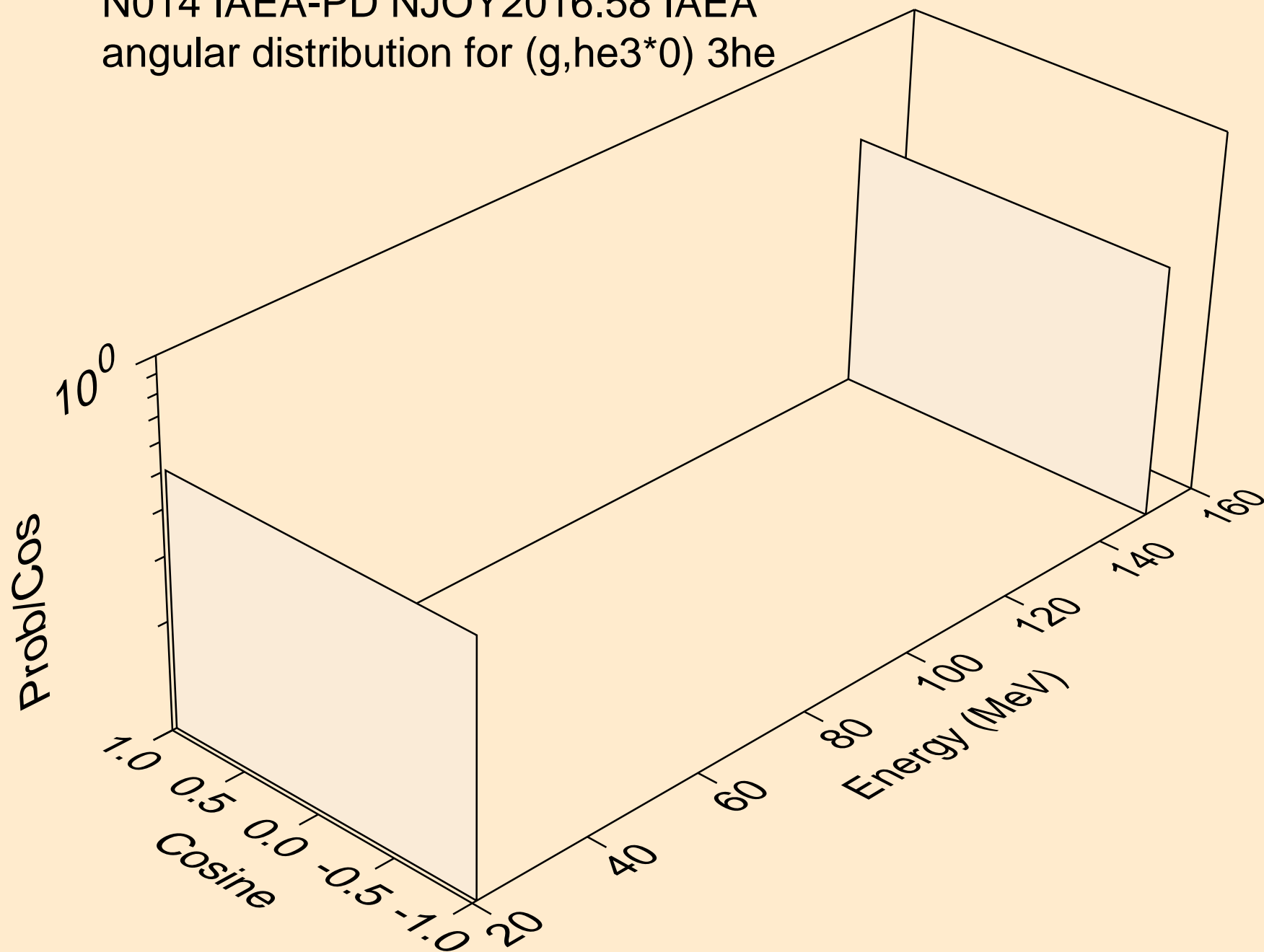
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he3s from (g,3a)



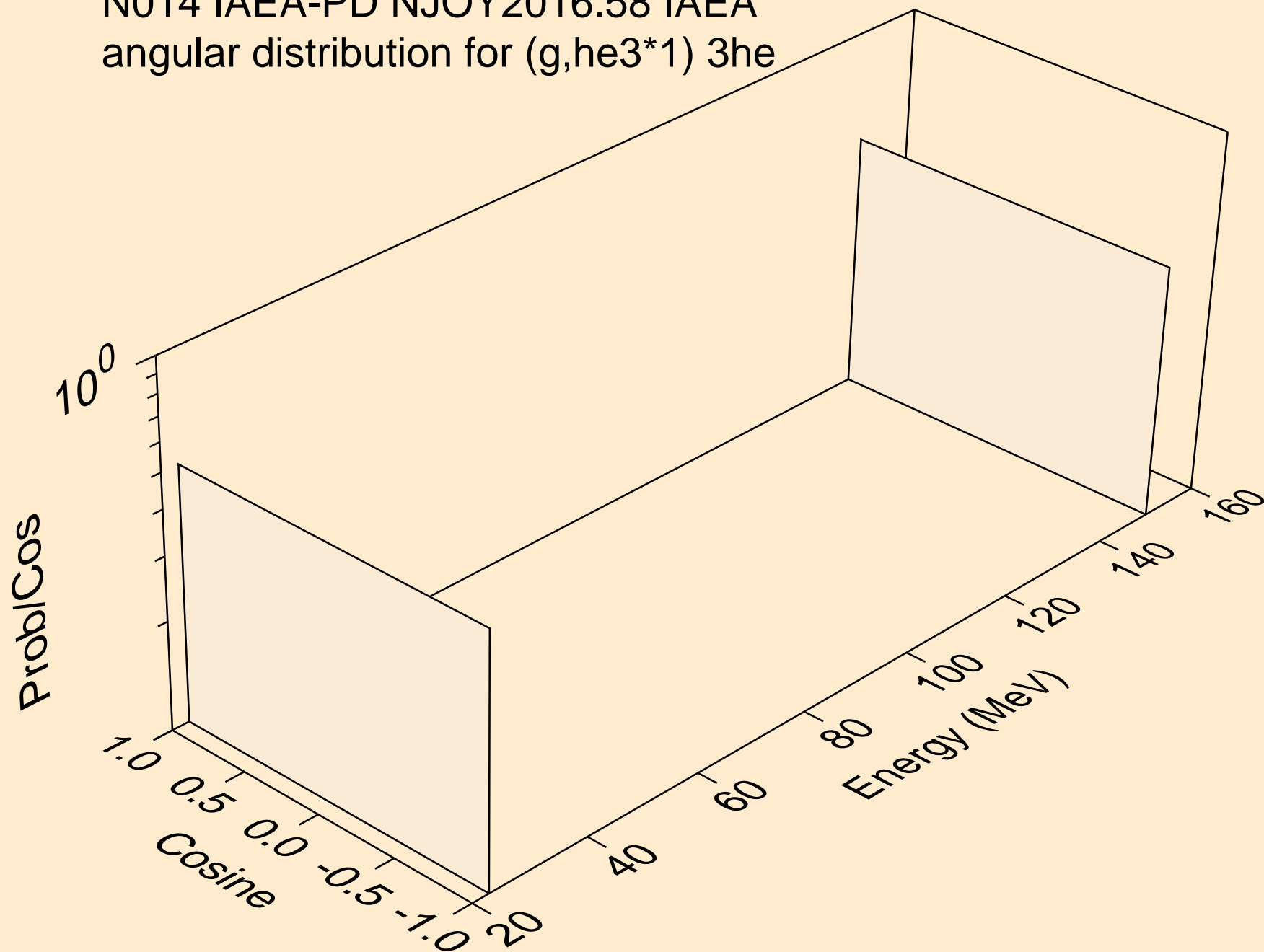
N014 IAEA-PD NJOY2016.58 IAEA  
he3s from (g,t2a)



N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,he3\*0) 3he

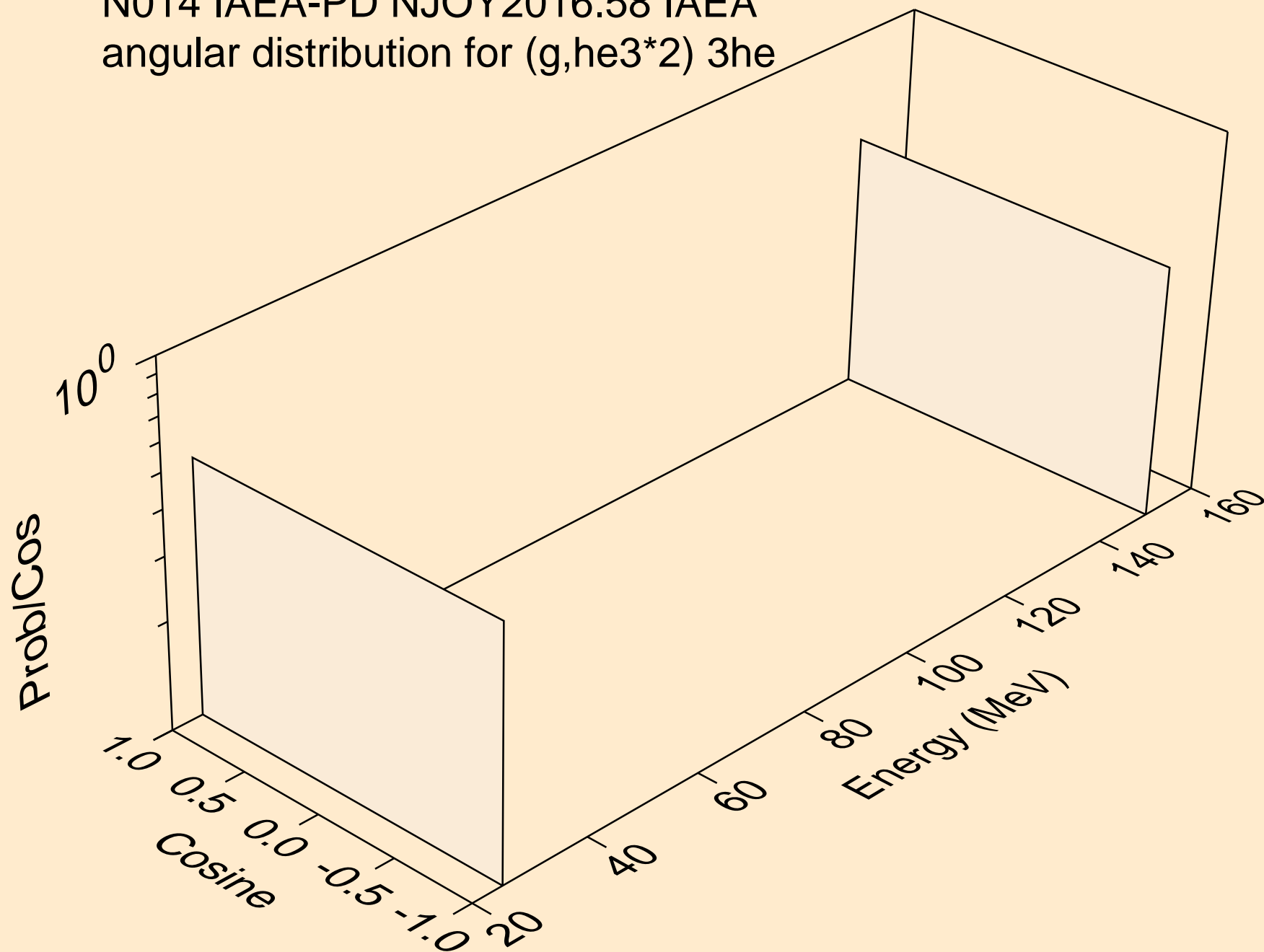


N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,he3\*1) 3he

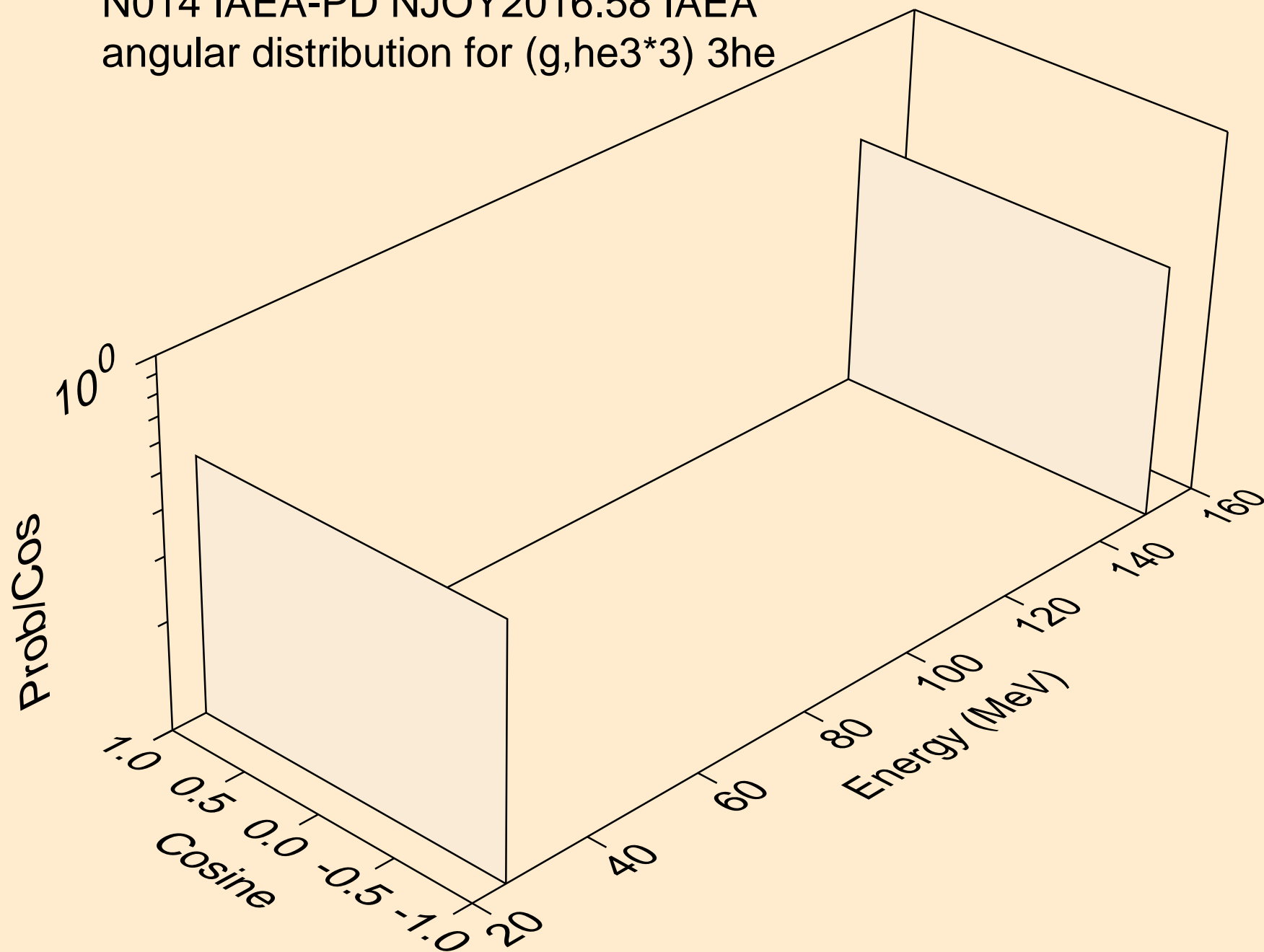




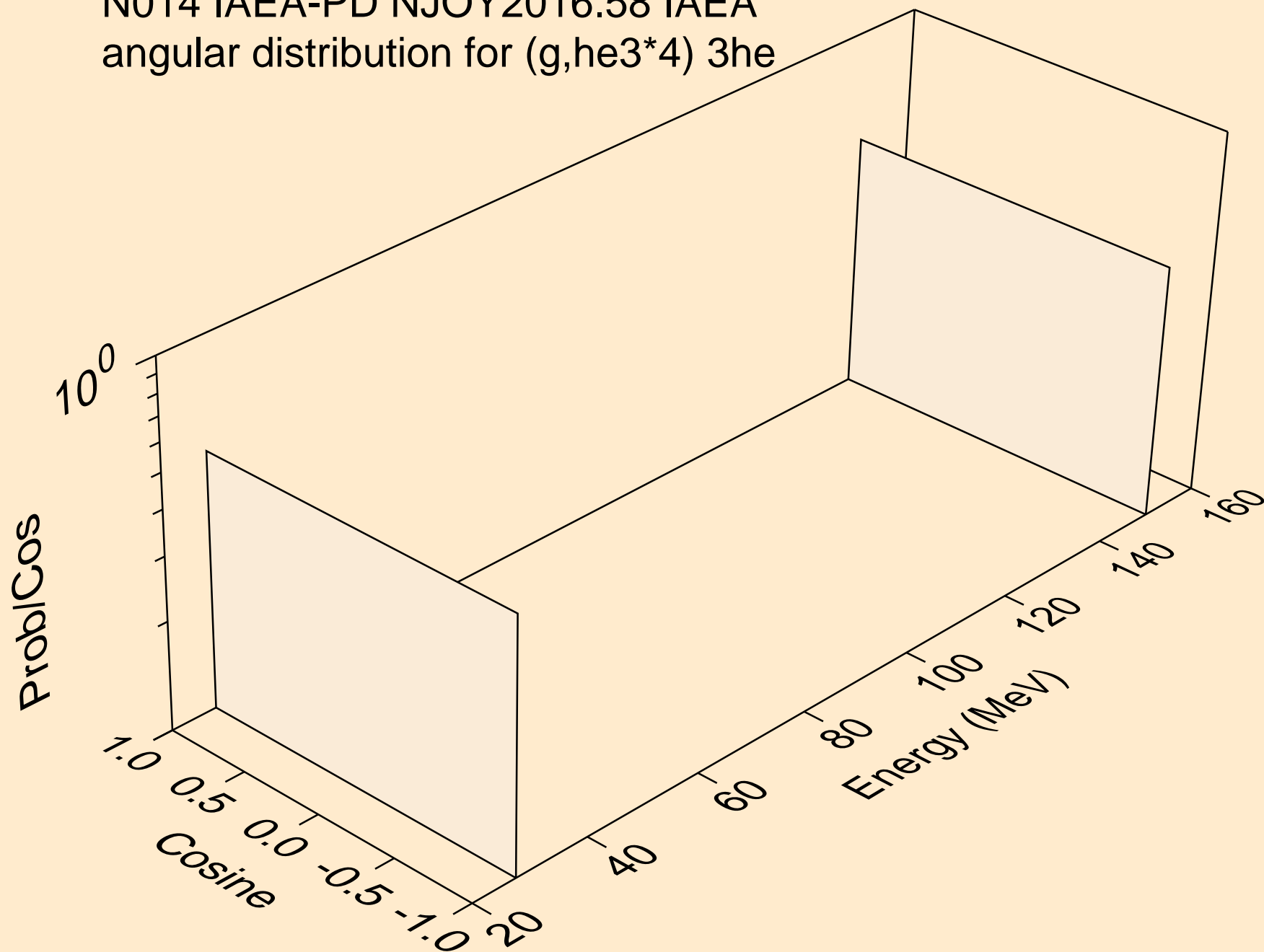
N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,he3\*2) 3he



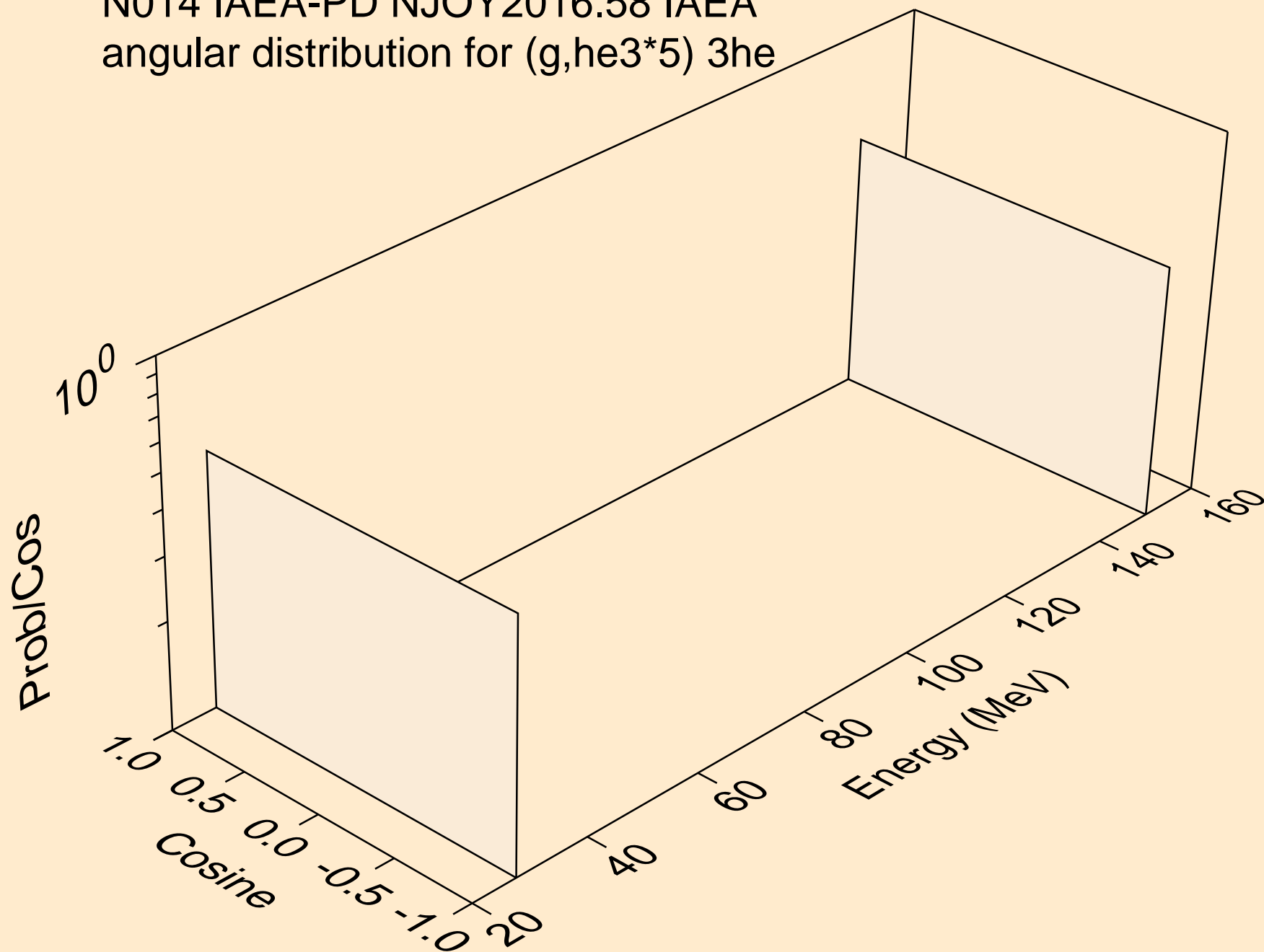
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angular distribution for (g,he3\*3) 3he



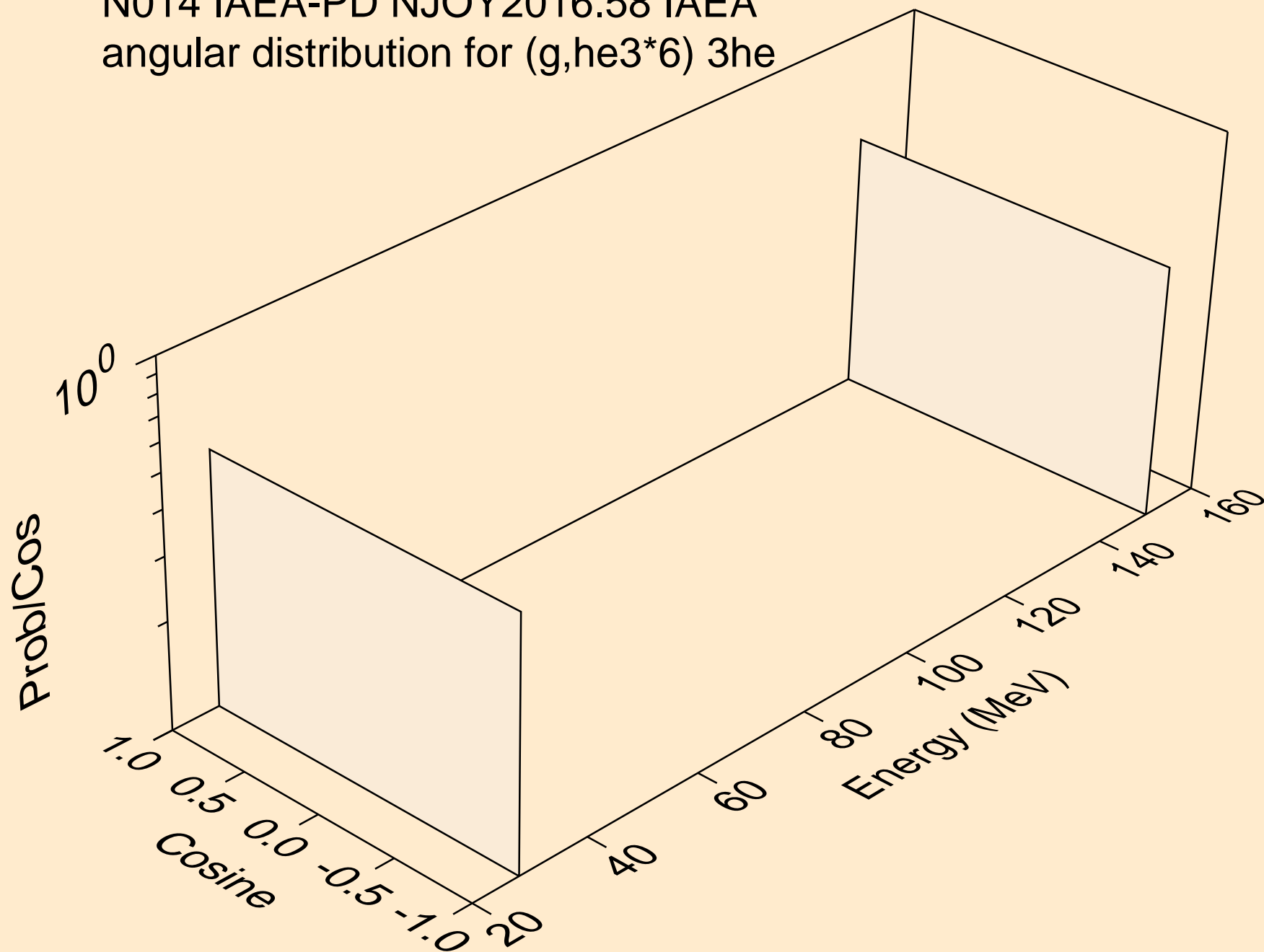
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angular distribution for (g,he3\*4) 3he



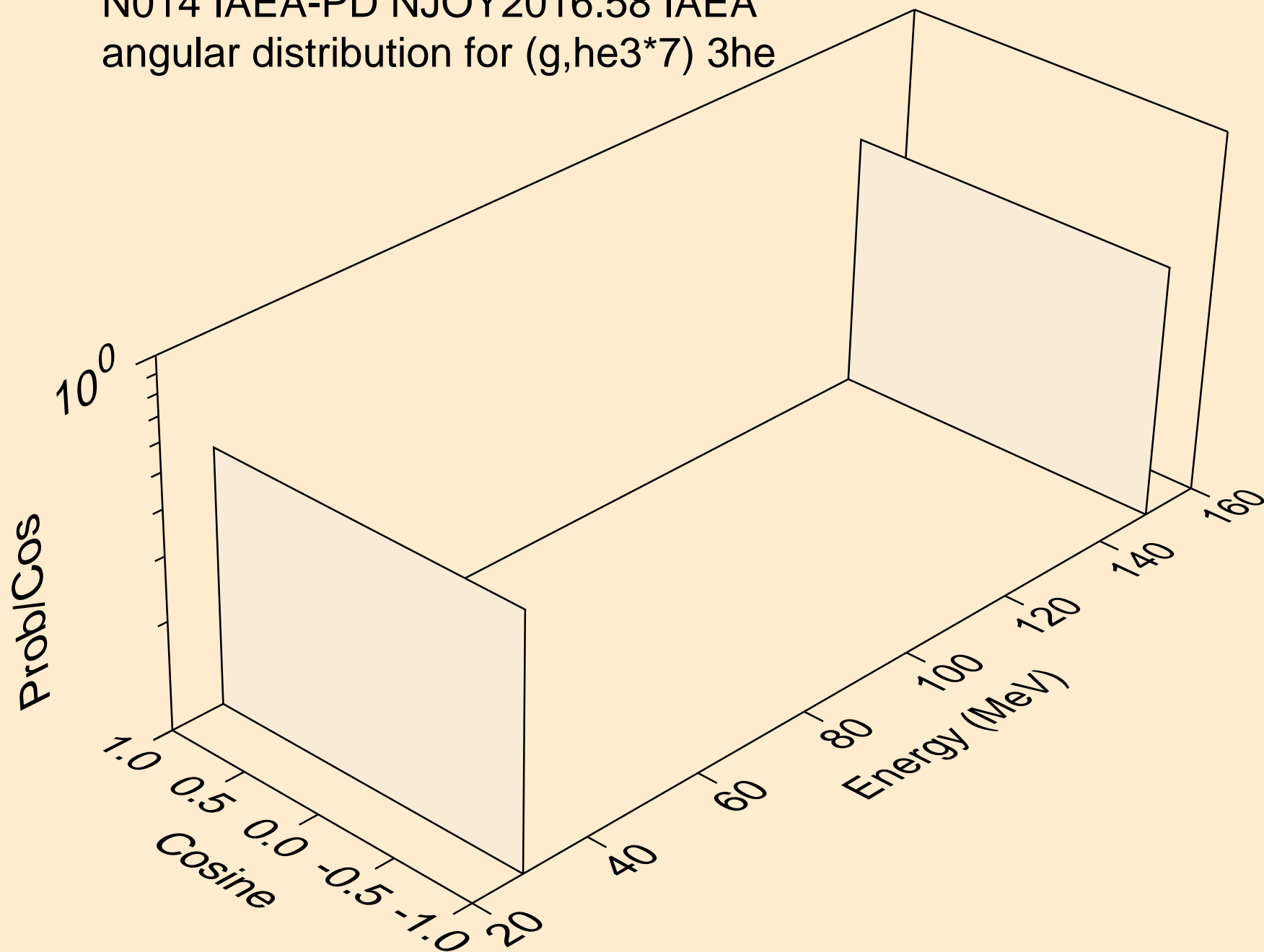
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angular distribution for (g,he3\*5) 3he



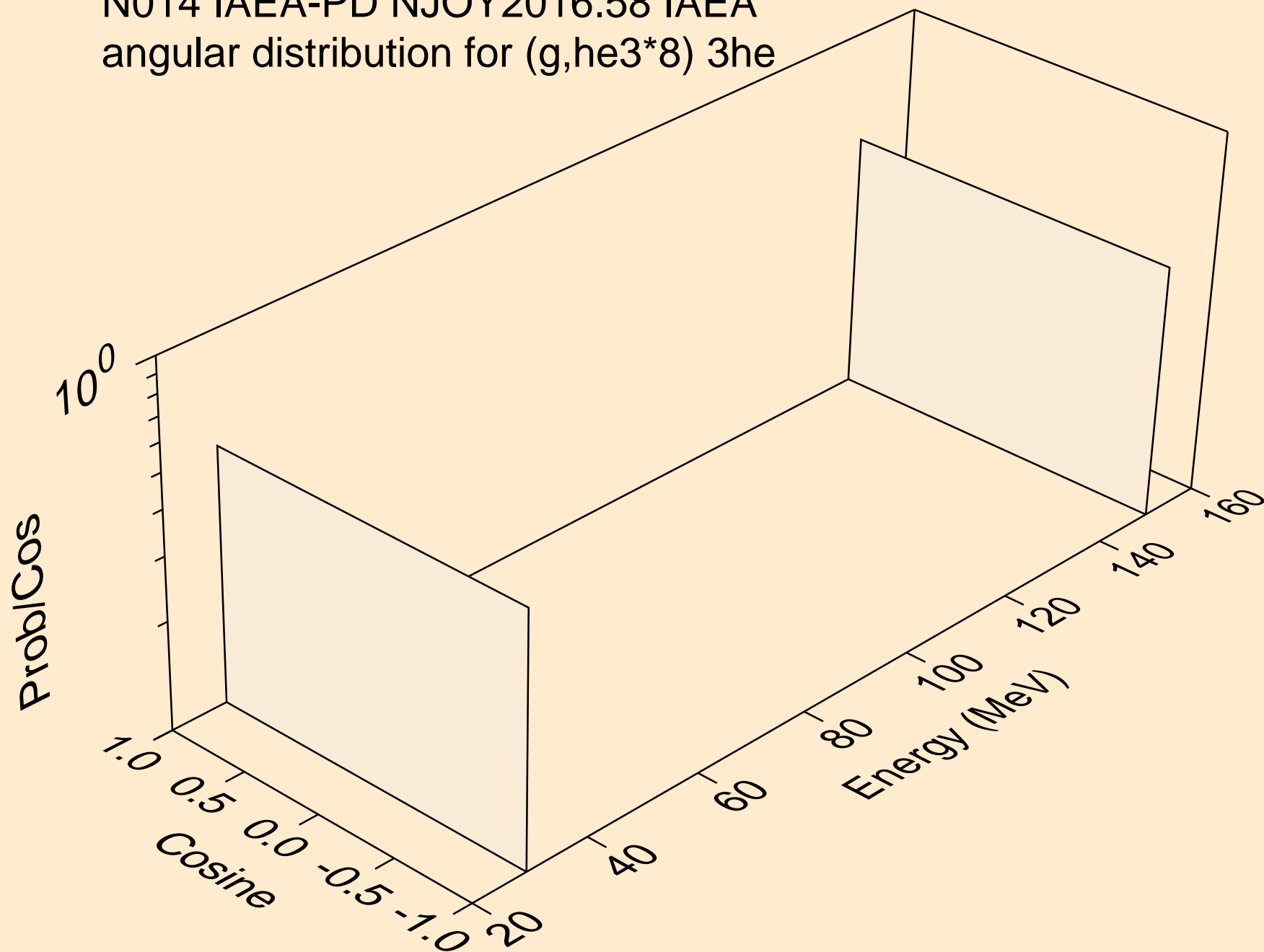
N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,he3\*6) 3he



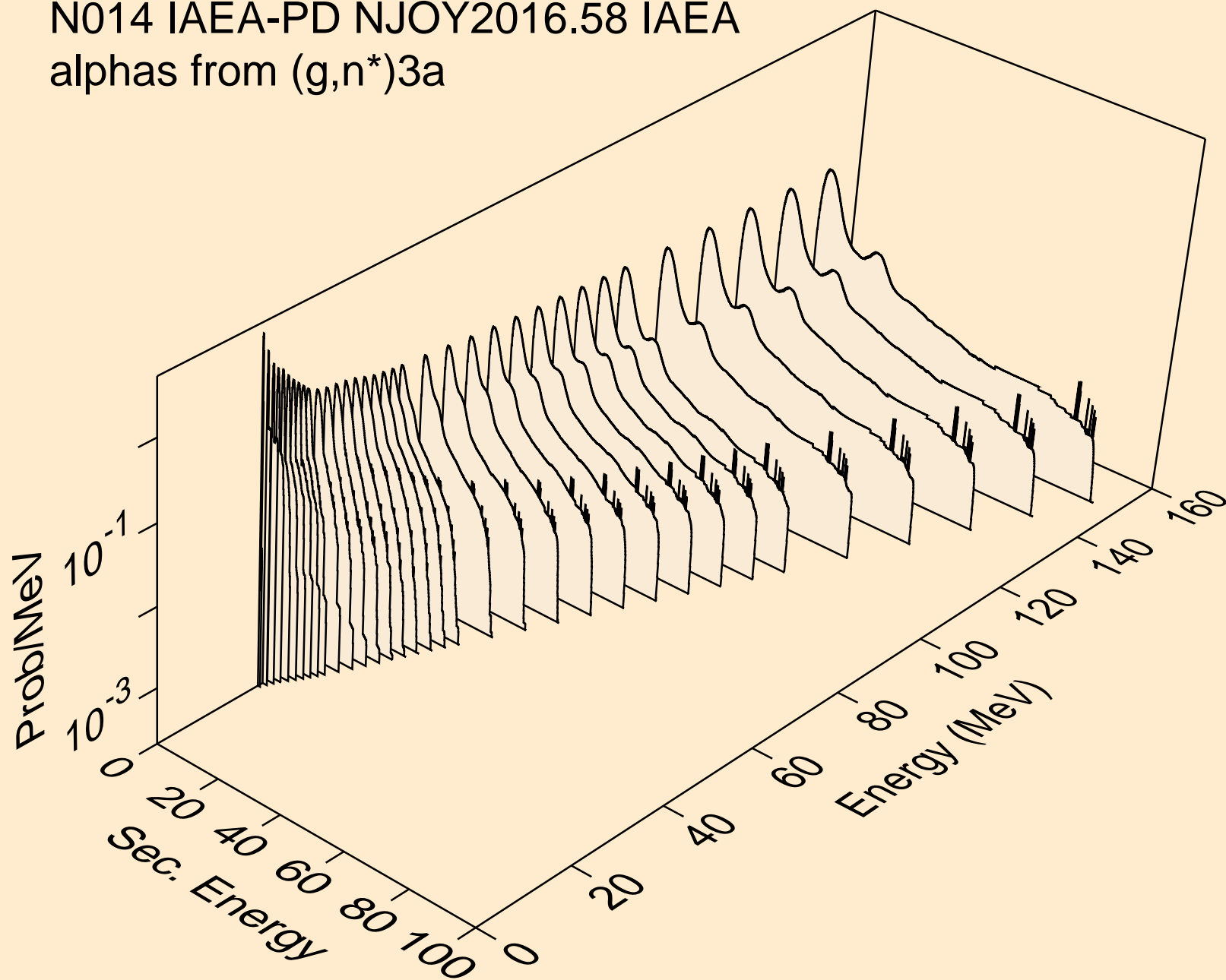
N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,he3\*7) 3he



N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,he3\*8) 3he

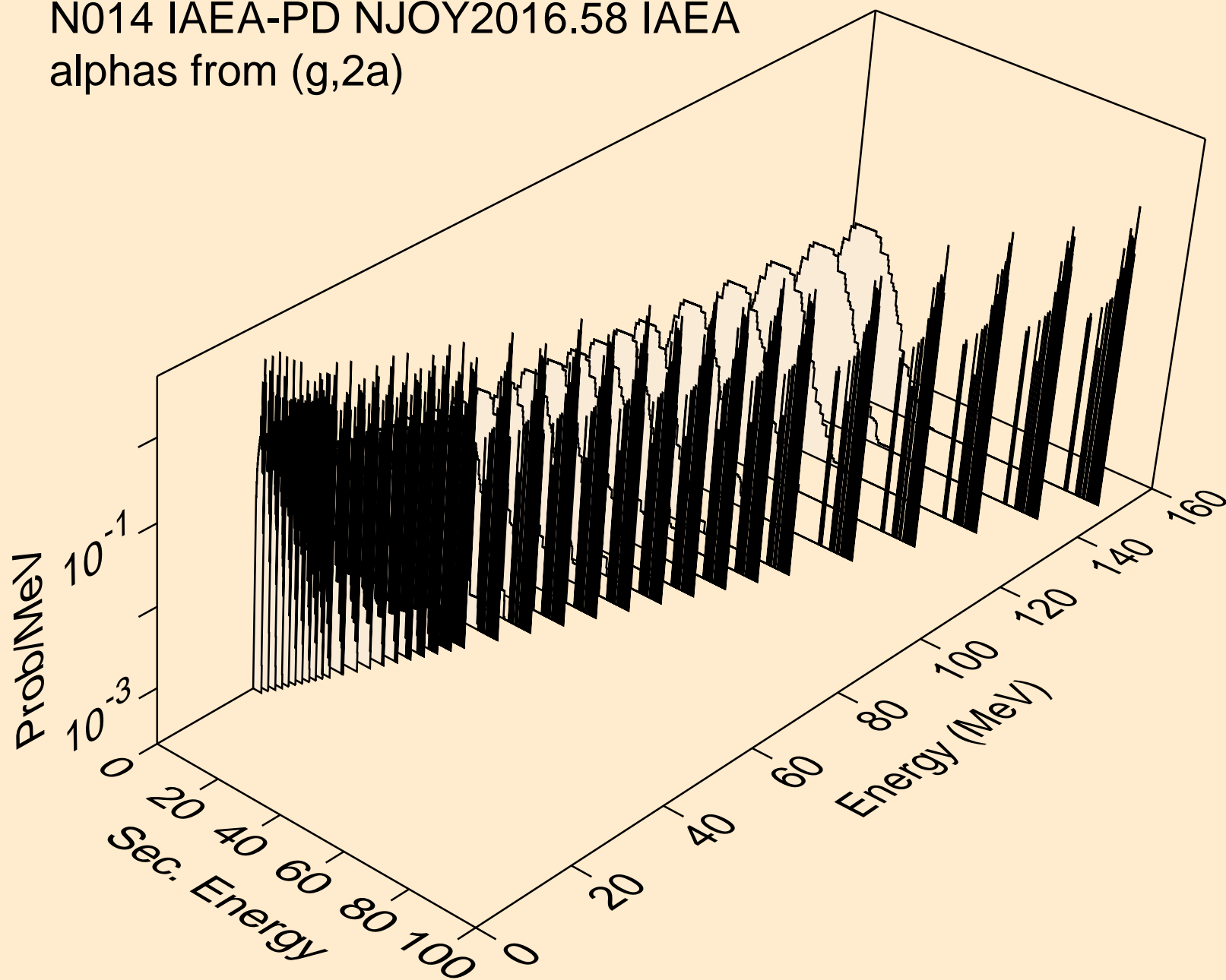


N014 IAEA-PD NJOY2016.58 IAEA  
alphas from (g,n\*)3a

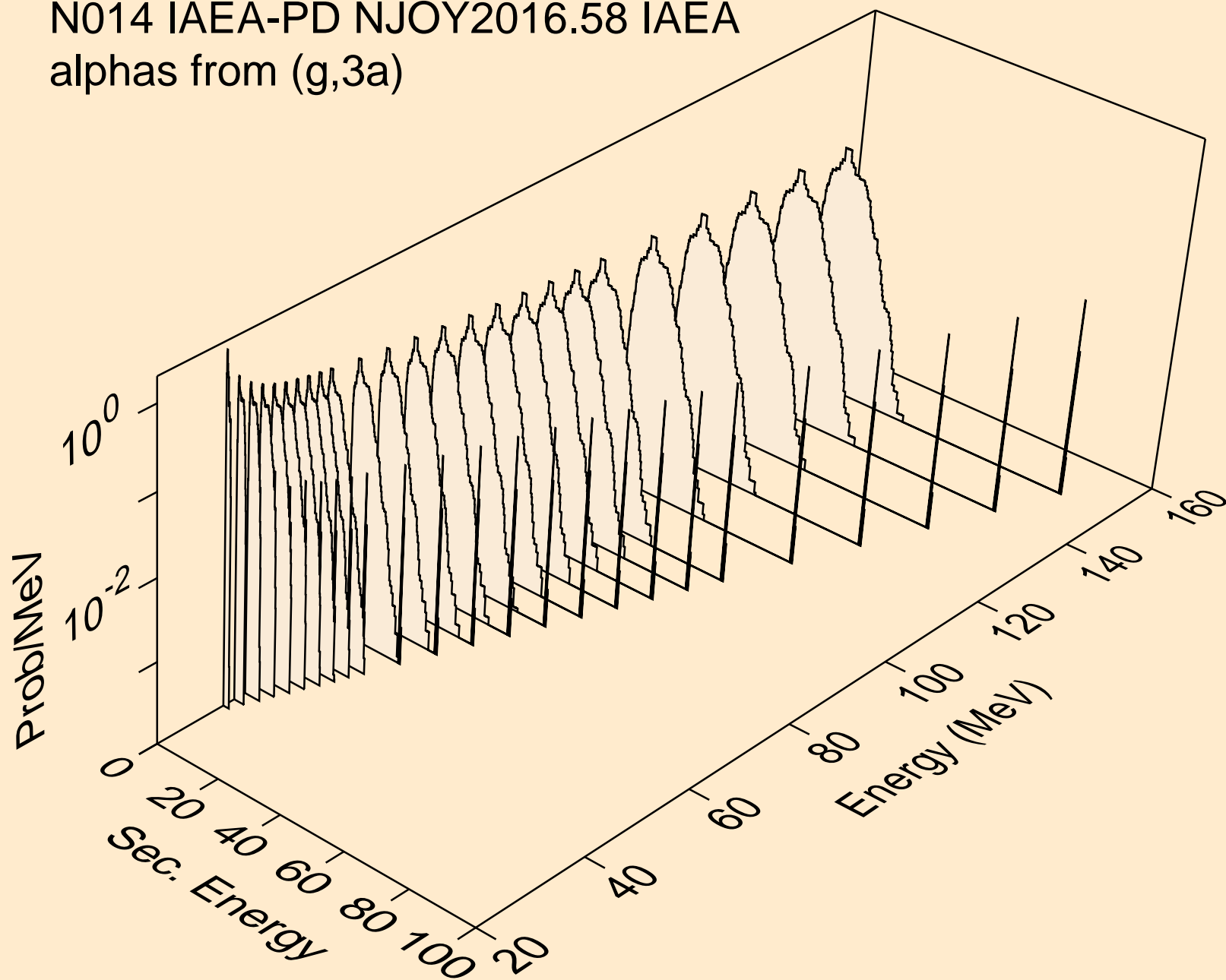




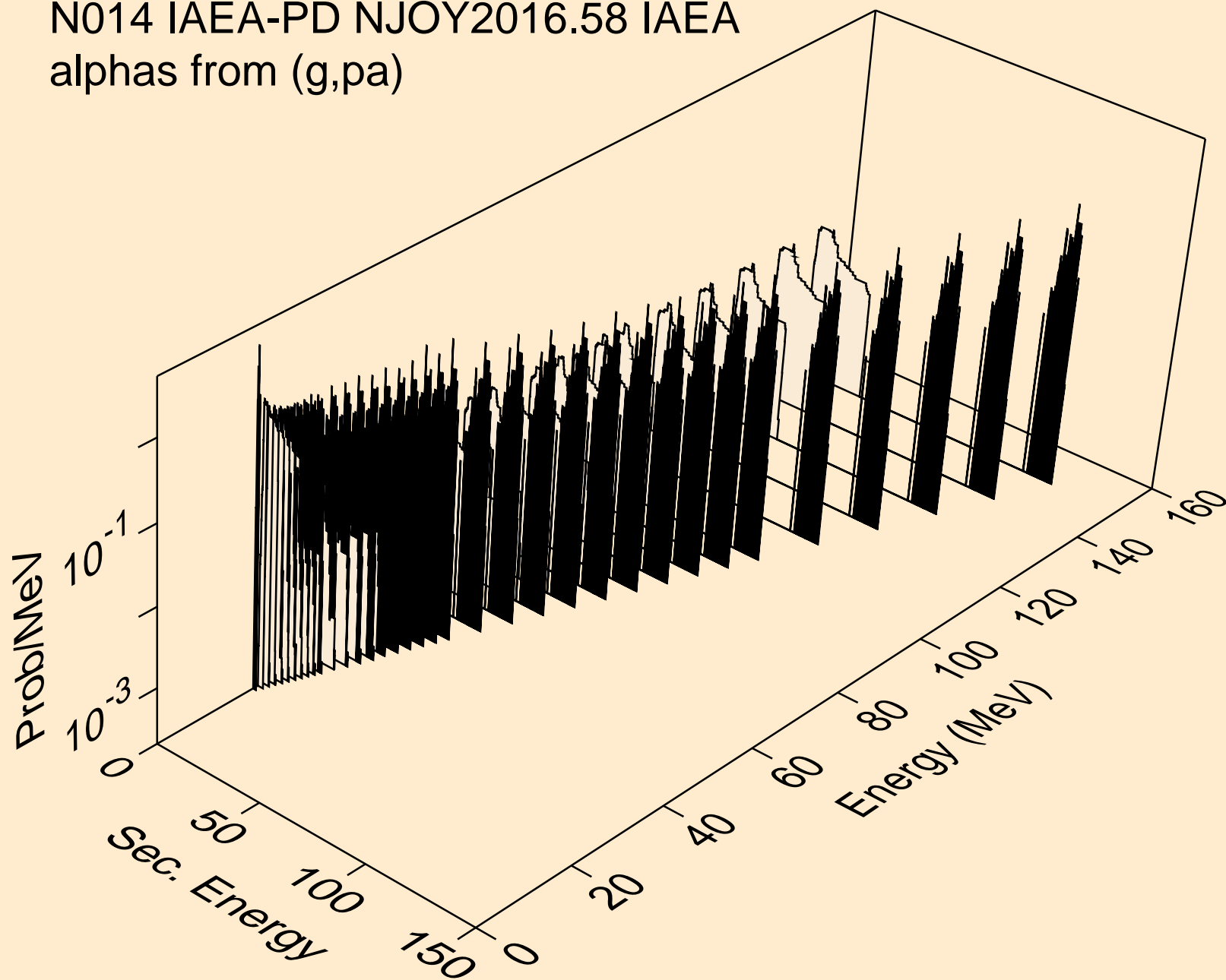
N014 IAEA-PD NJOY2016.58 IAEA  
alphas from (g,2a)



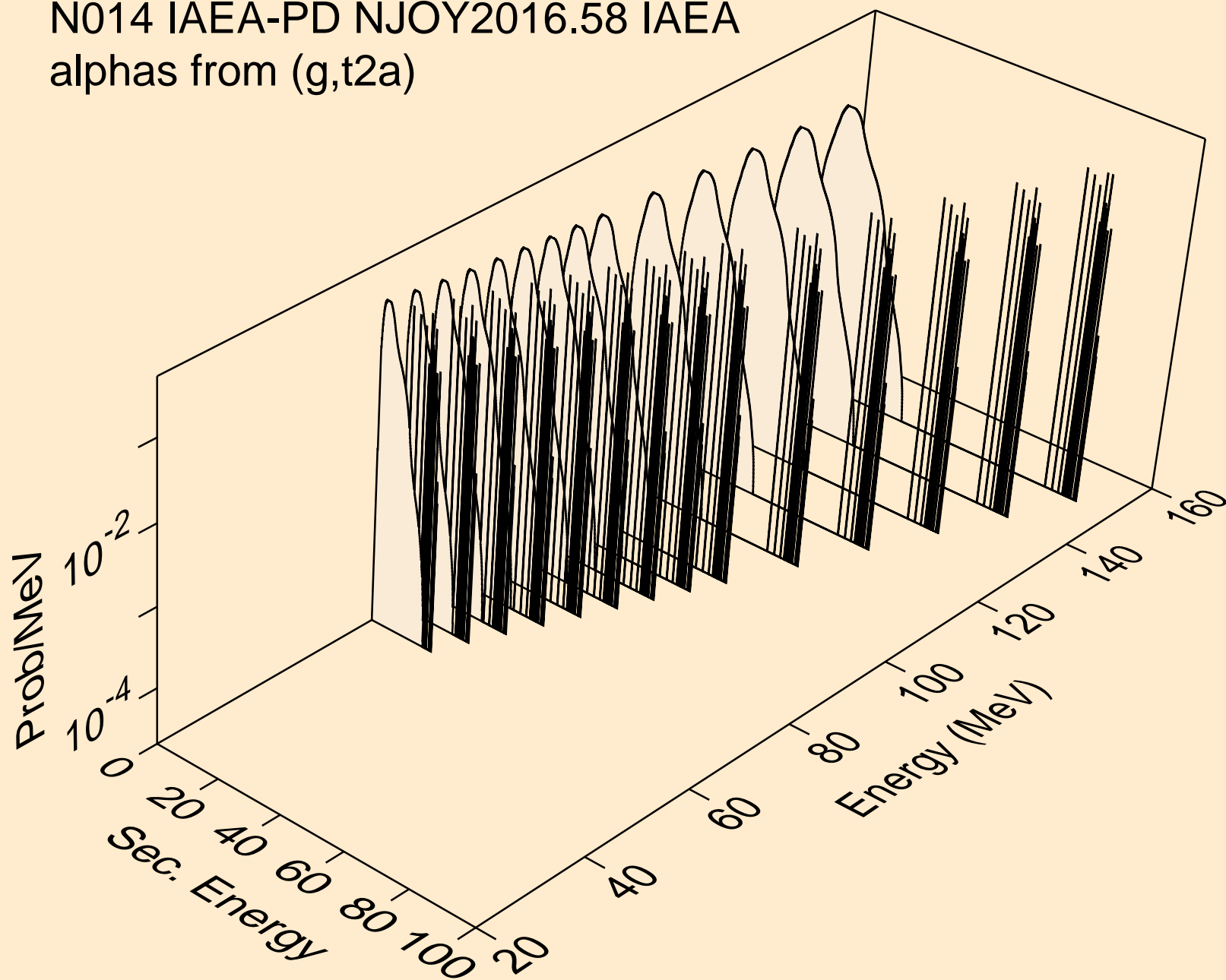
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alphas from (g,3a)



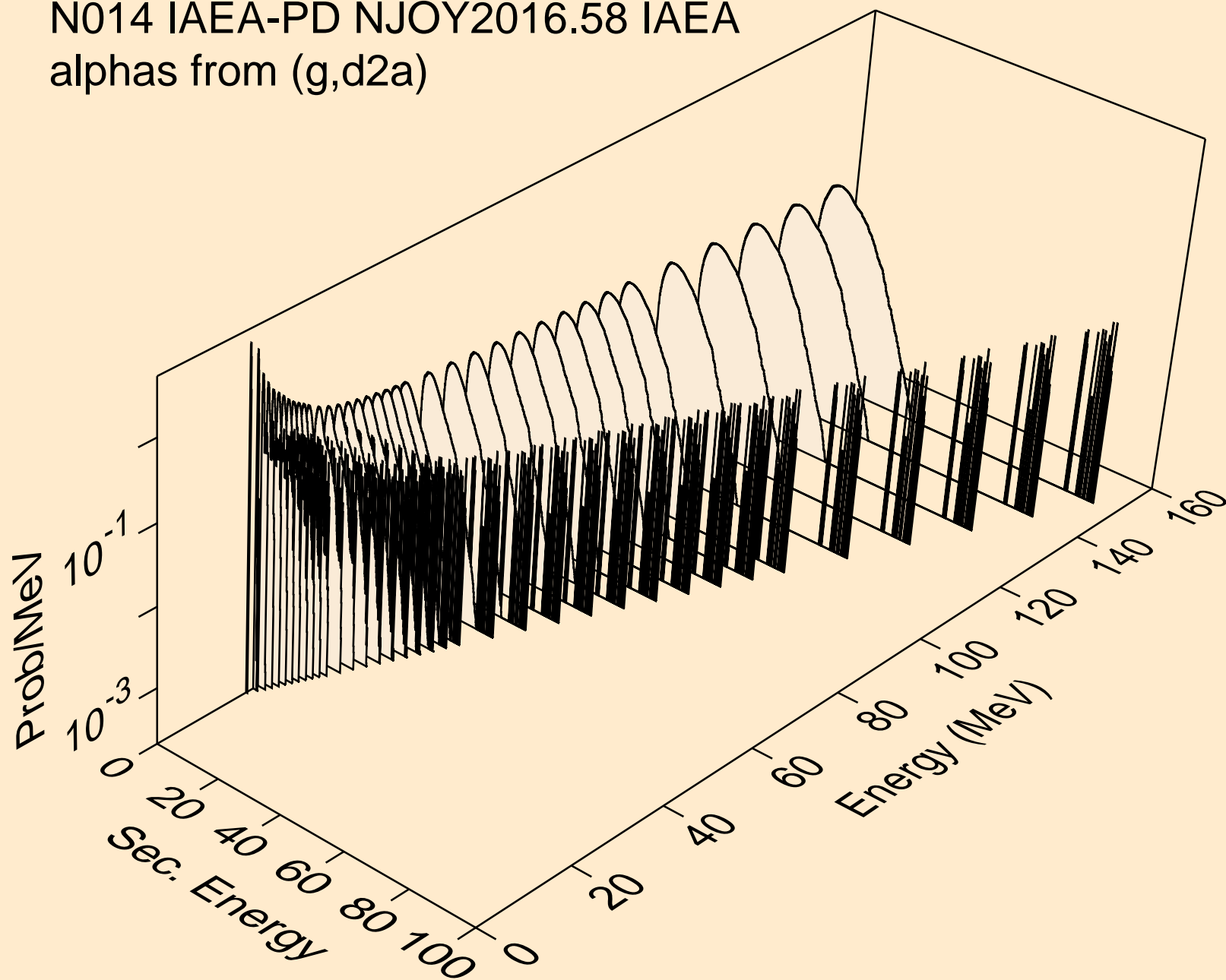
N014 IAEA-PD NJOY2016.58 IAEA  
alphas from (g,pa)



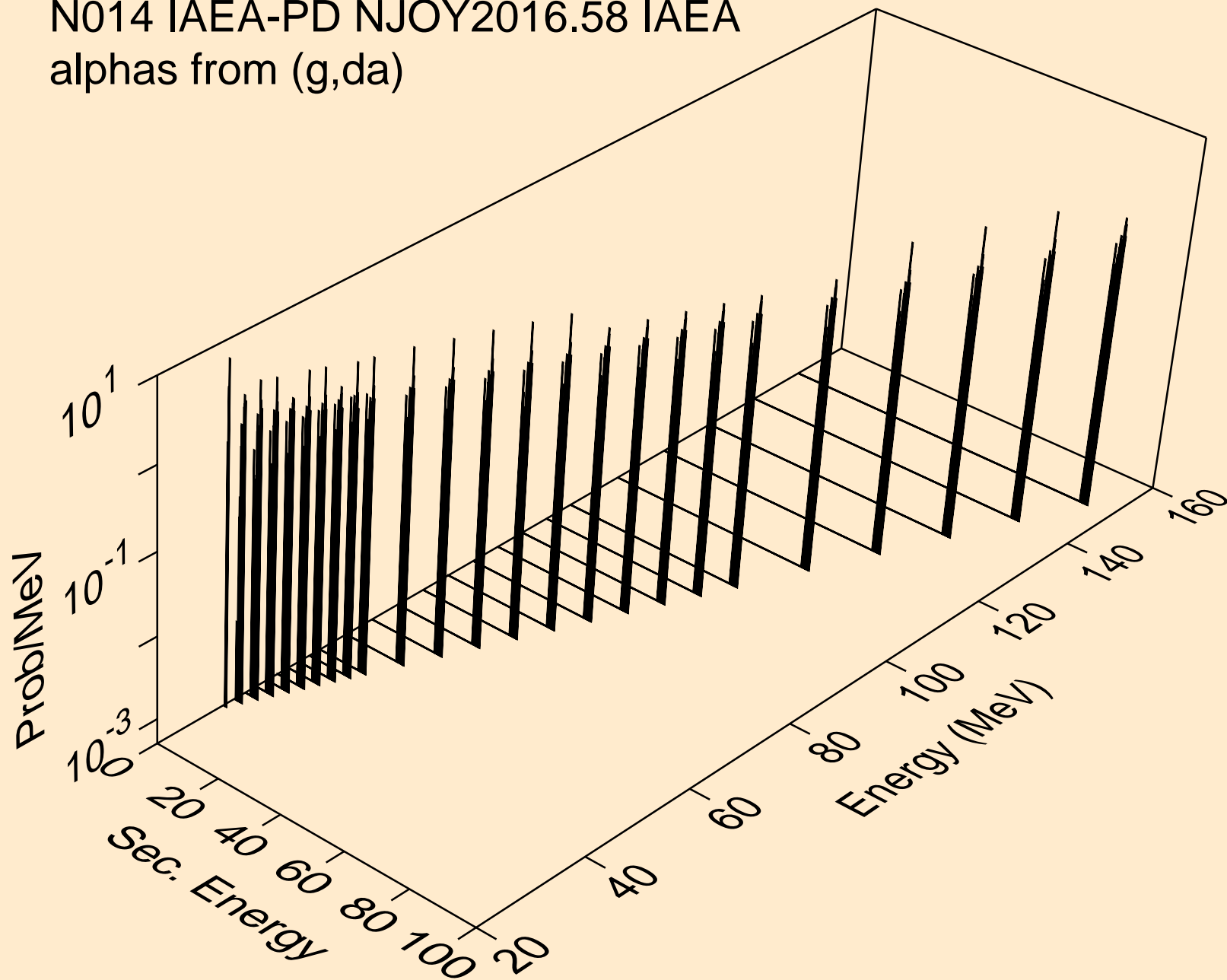
N014 IAEA-PD NJOY2016.58 IAEA  
alphas from (g,t2a)



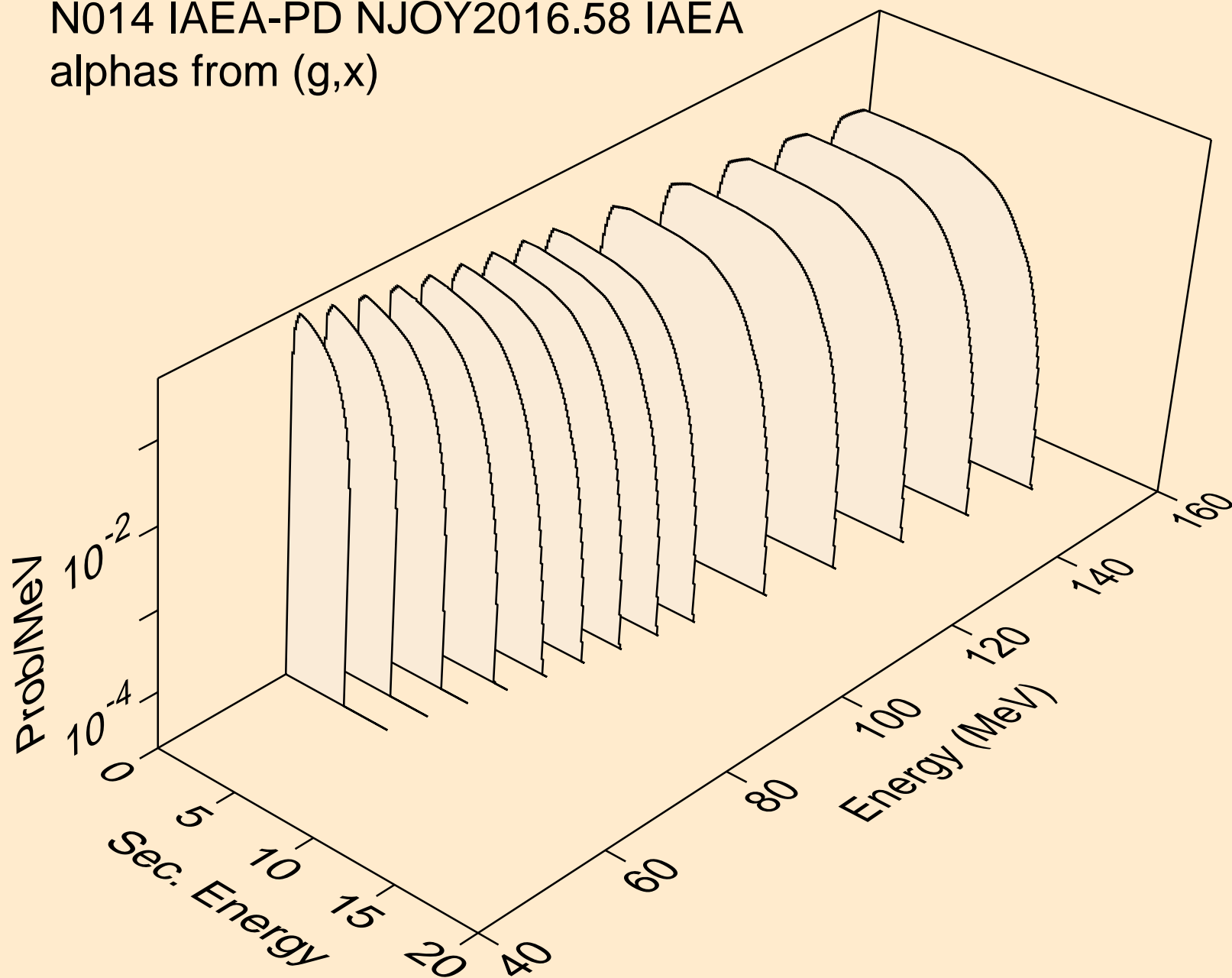
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alphas from (g,d2a)



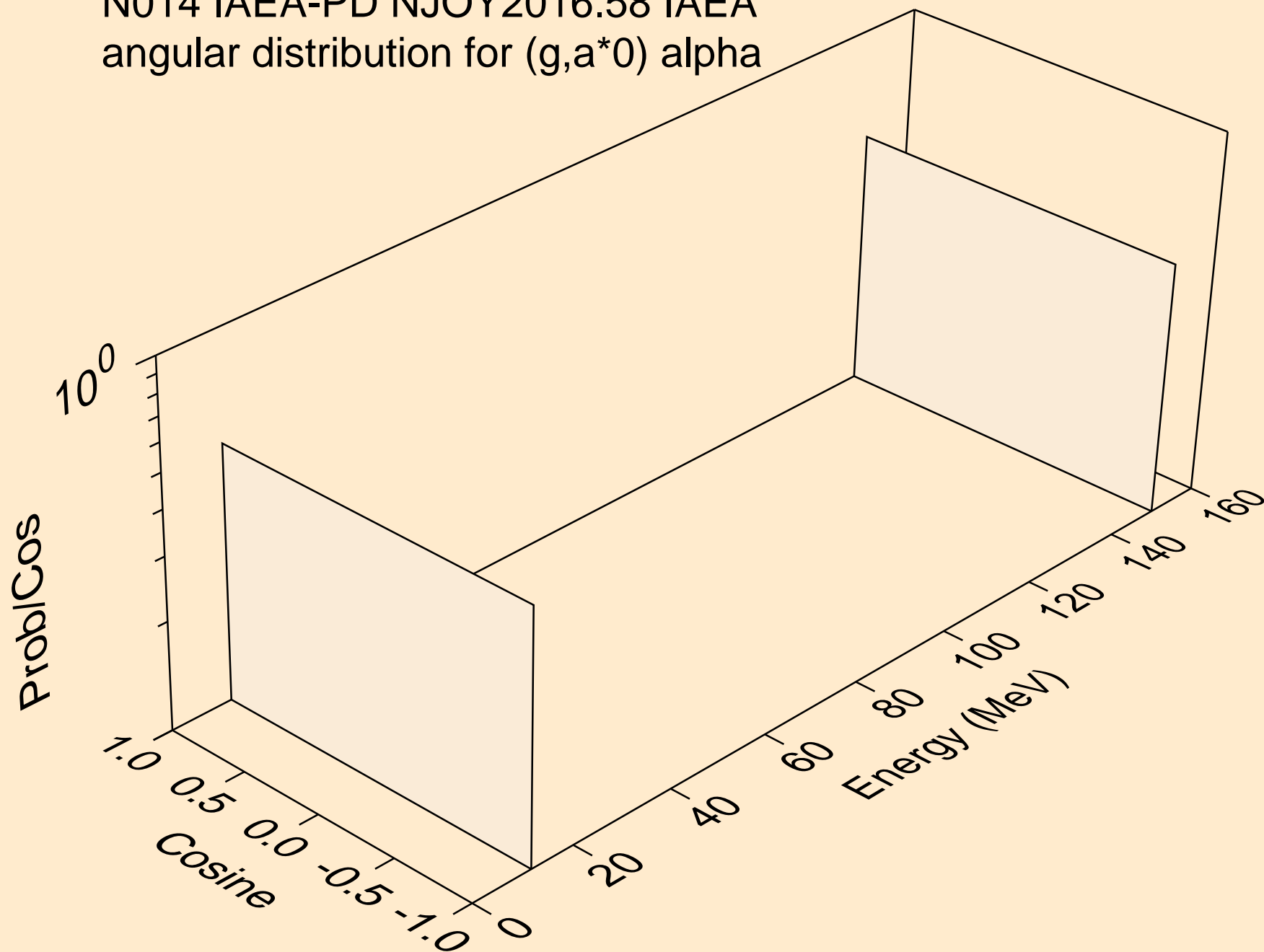
N014 IAEA-PD NJOY2016.58 IAEA  
alphas from (g,da)



N014 IAEA-PD NJOY2016.58 IAEA  
alphas from (g,x)

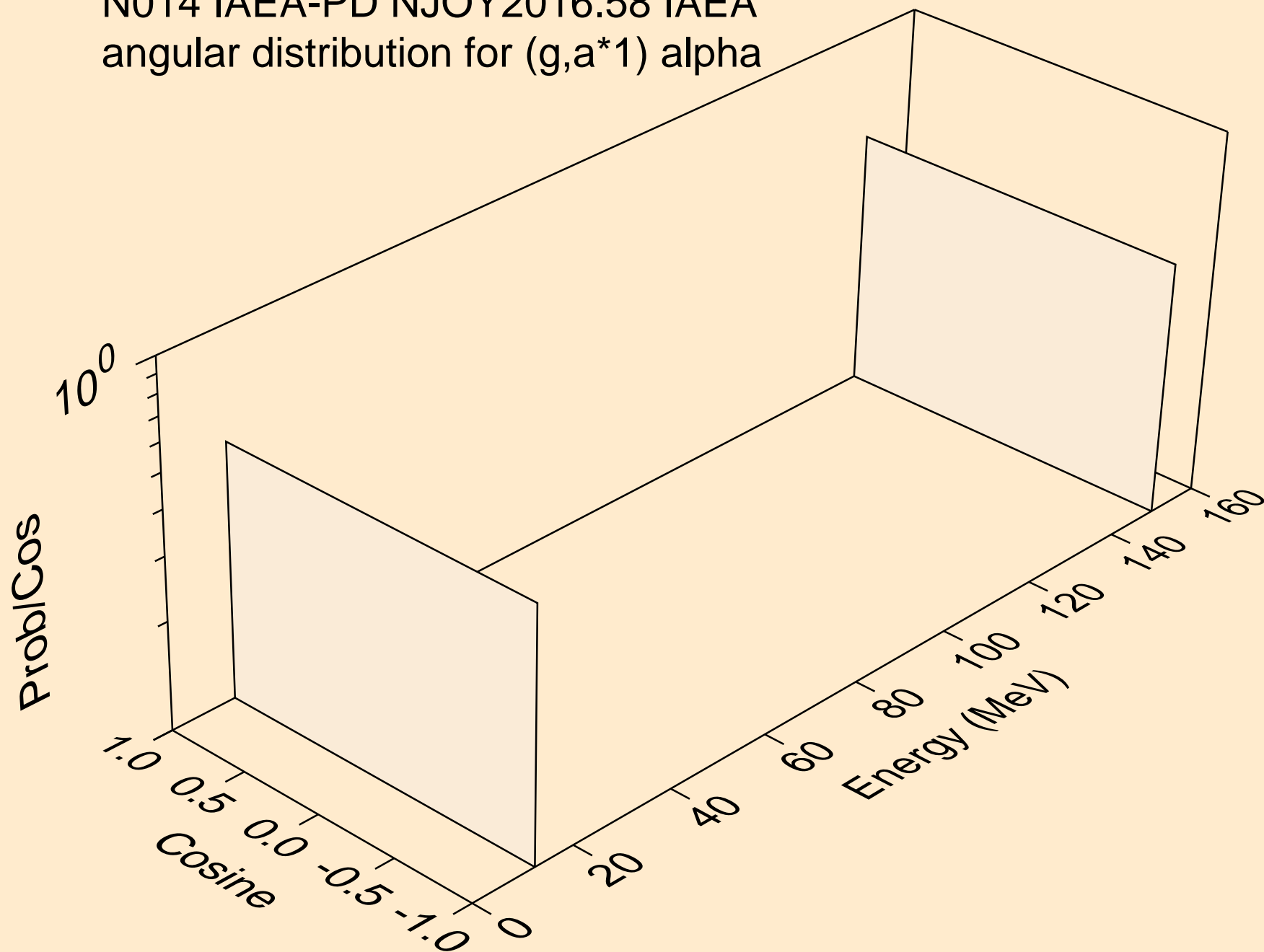


N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,a\*0) alpha

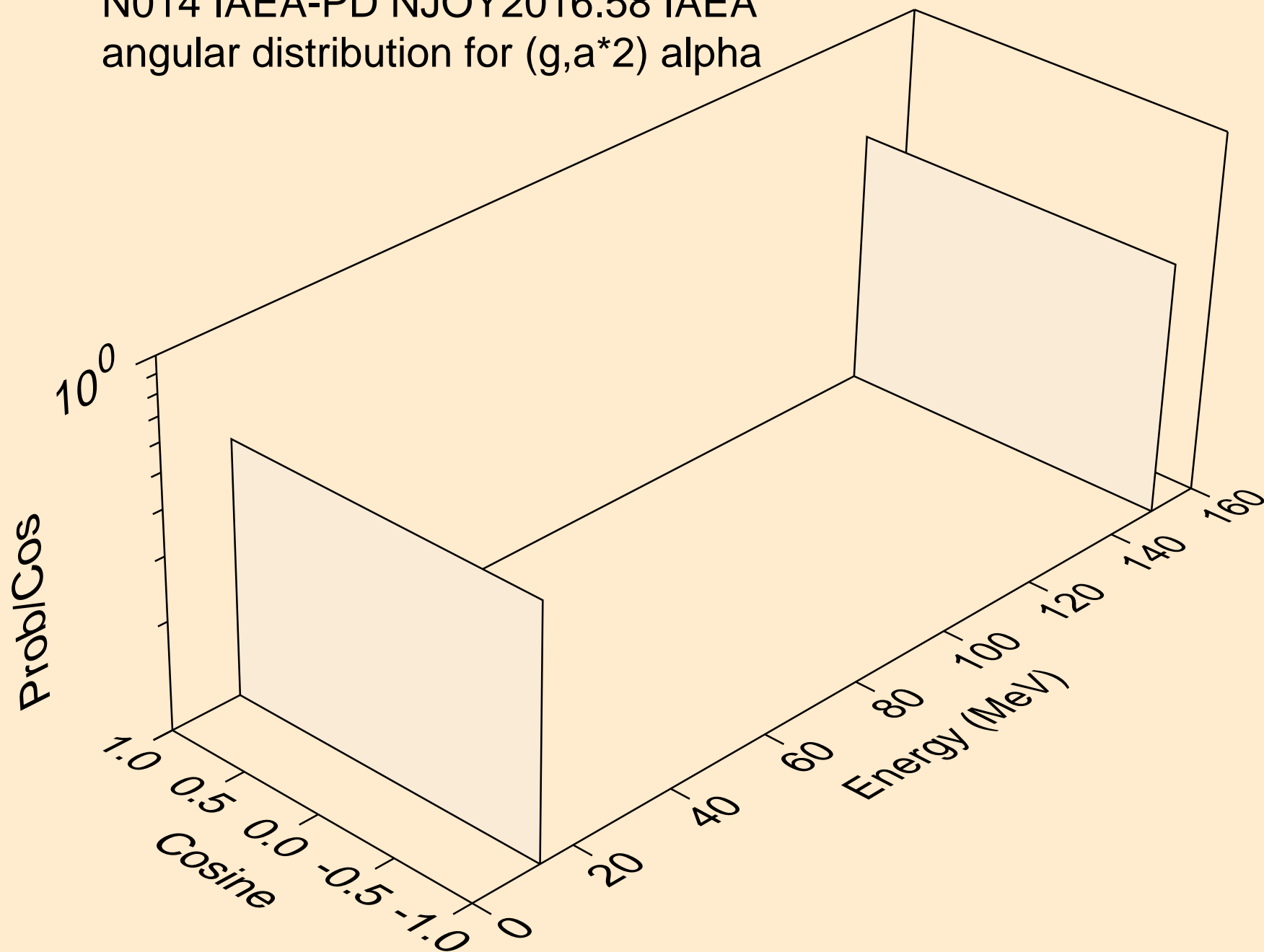




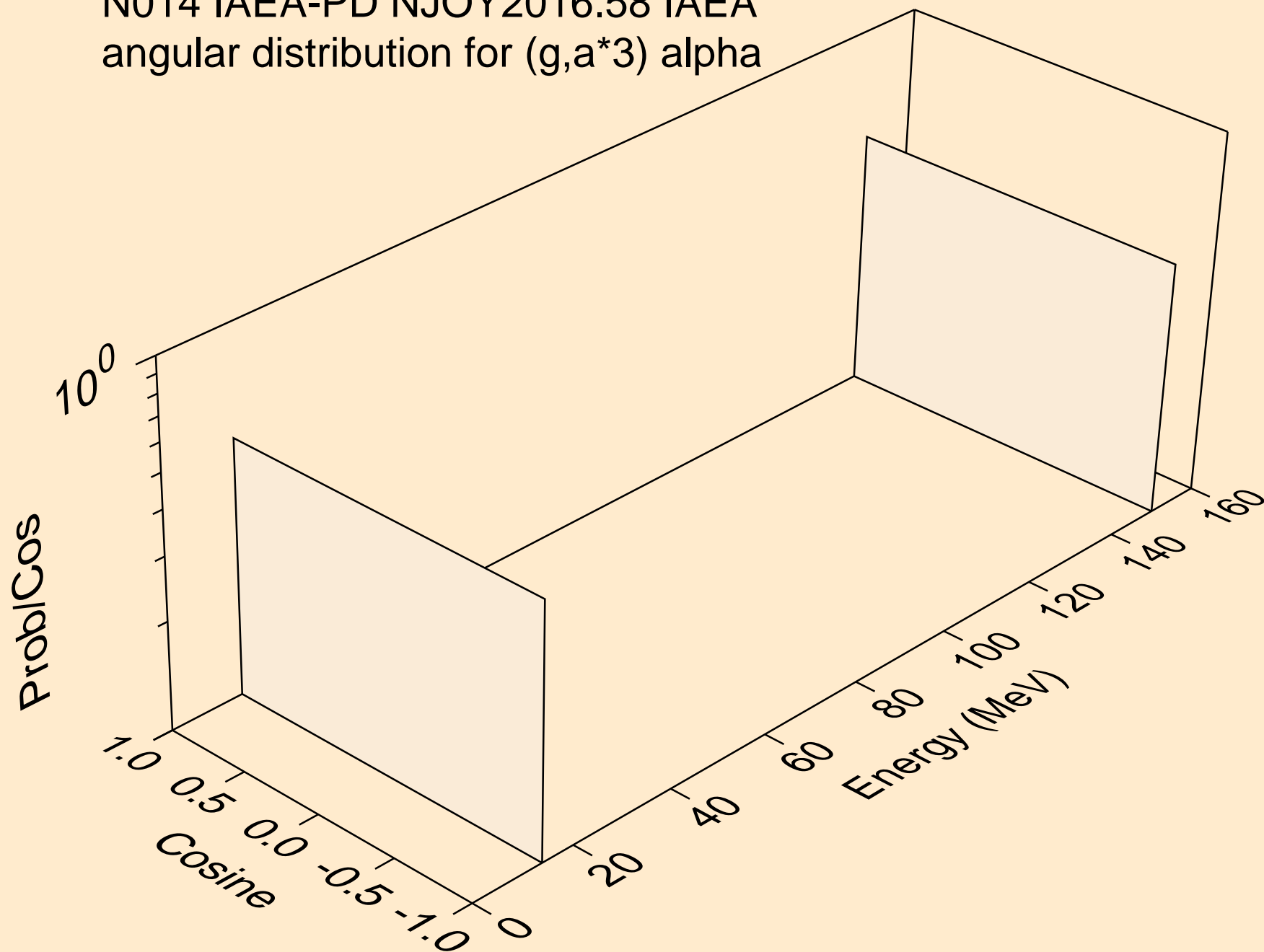
N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,a\*1) alpha



N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,a\*2) alpha



N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,a\*3) alpha



N014 IAEA-PD NJOY2016.58 IAEA  
angular distribution for (g,a\*4) alpha

