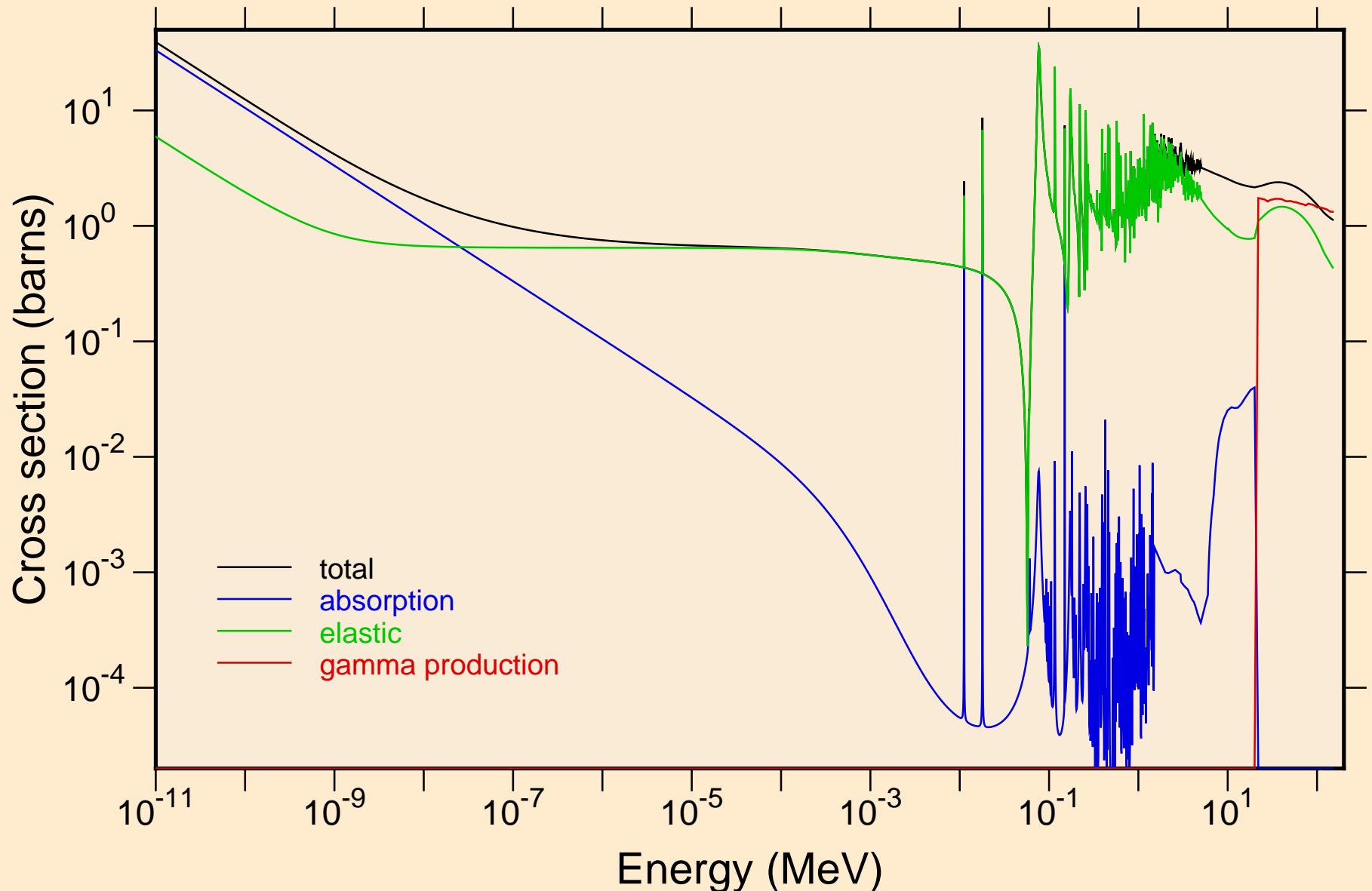
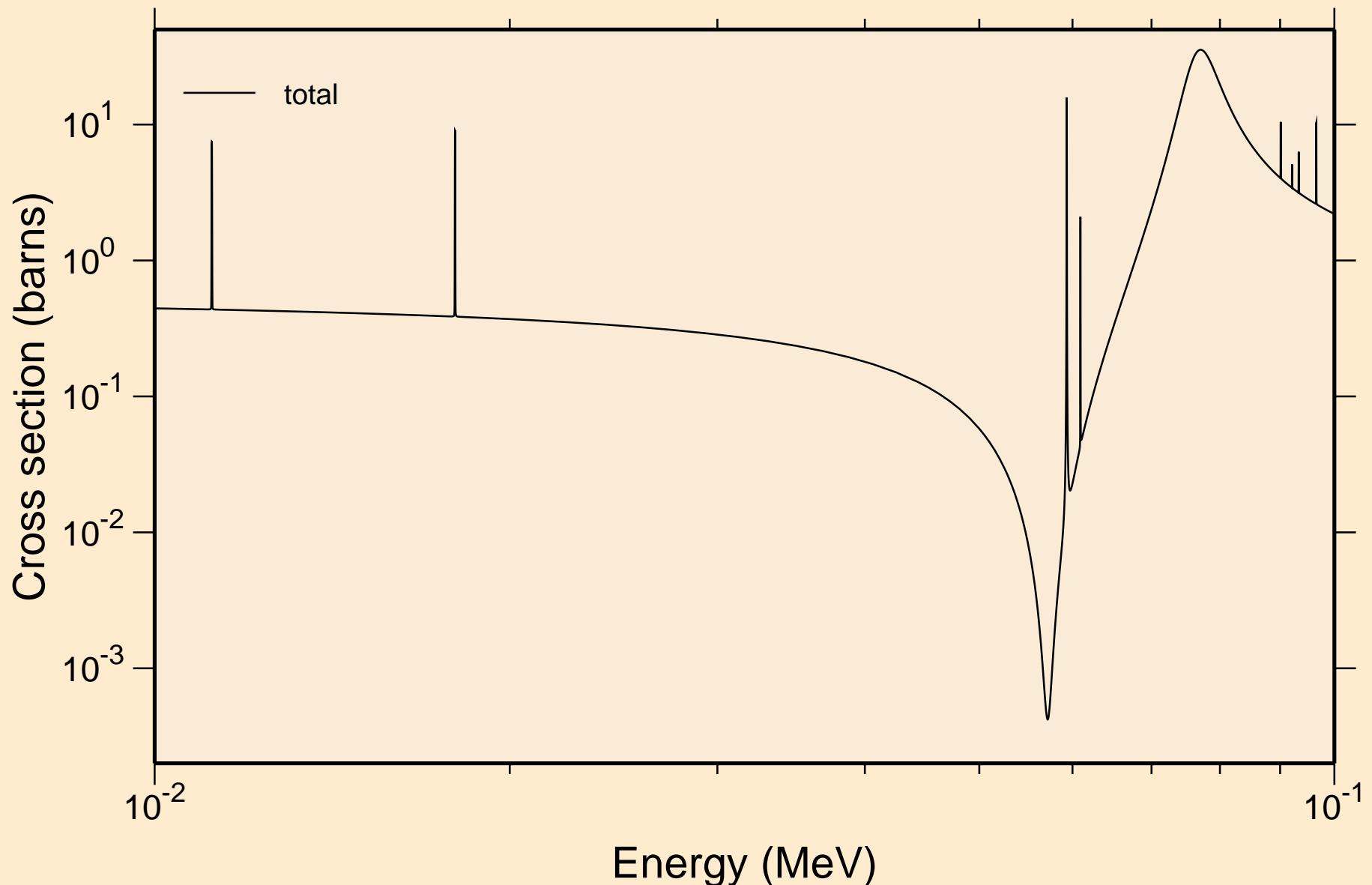


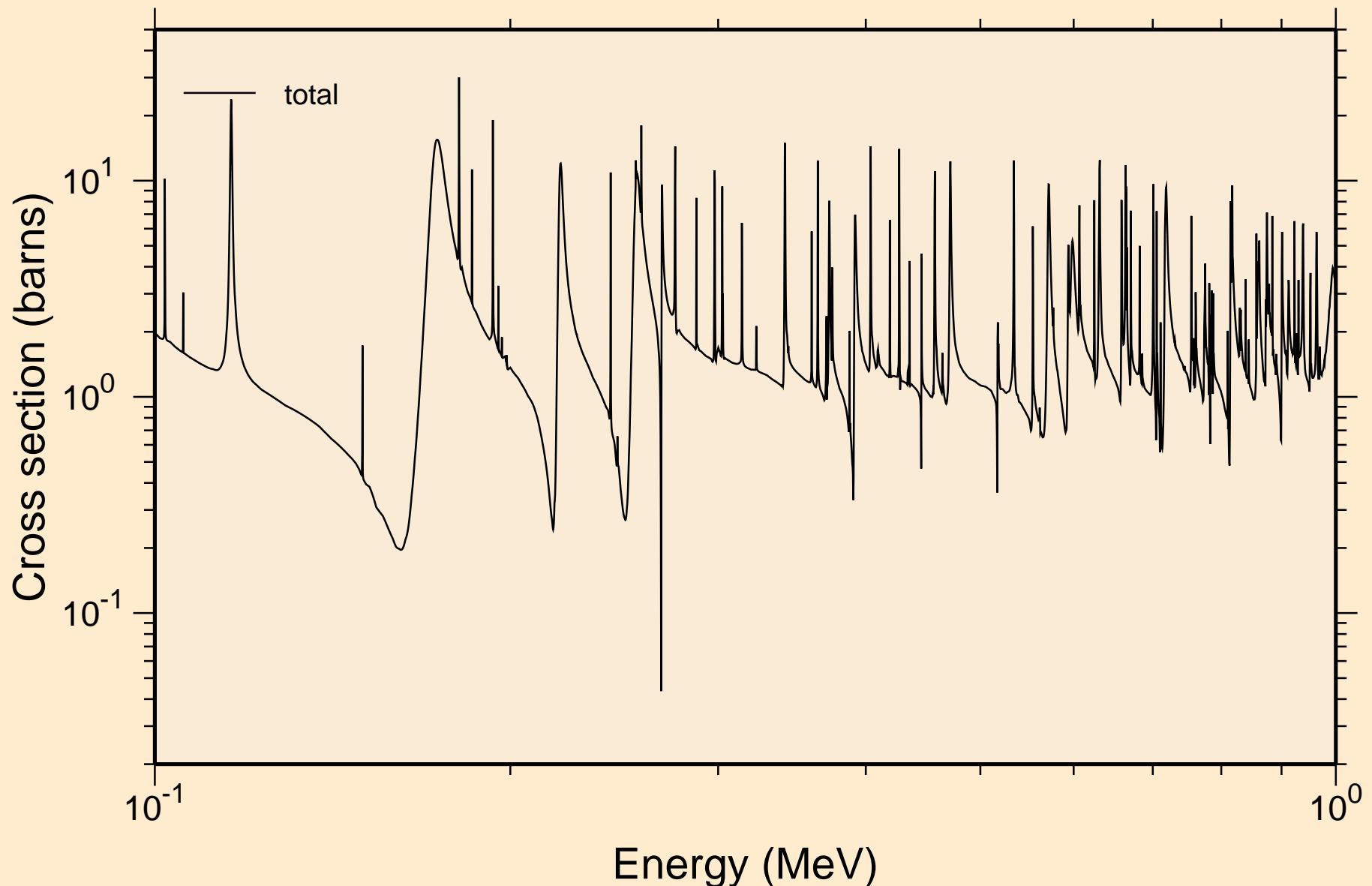
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Principal cross sections



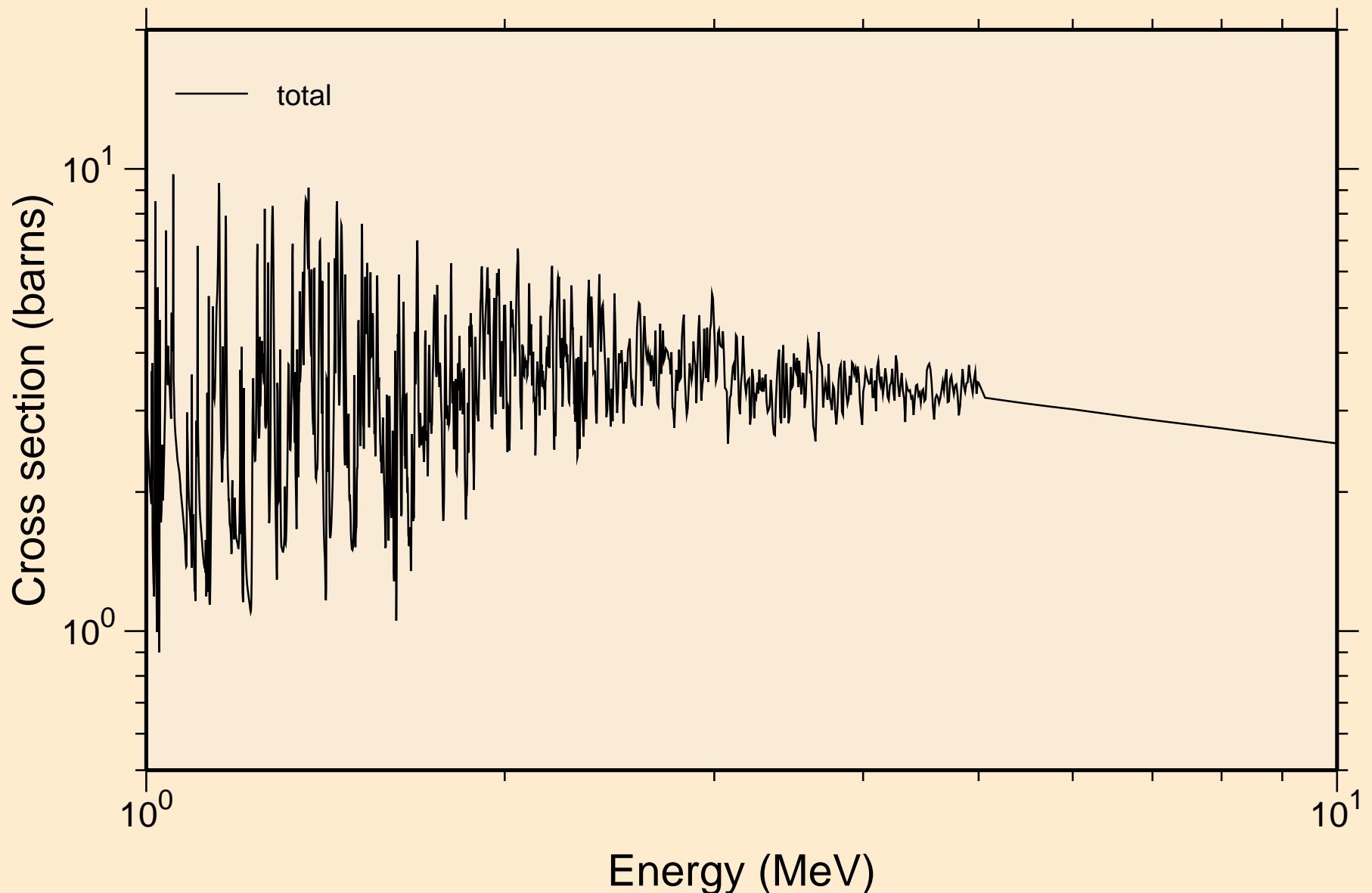
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



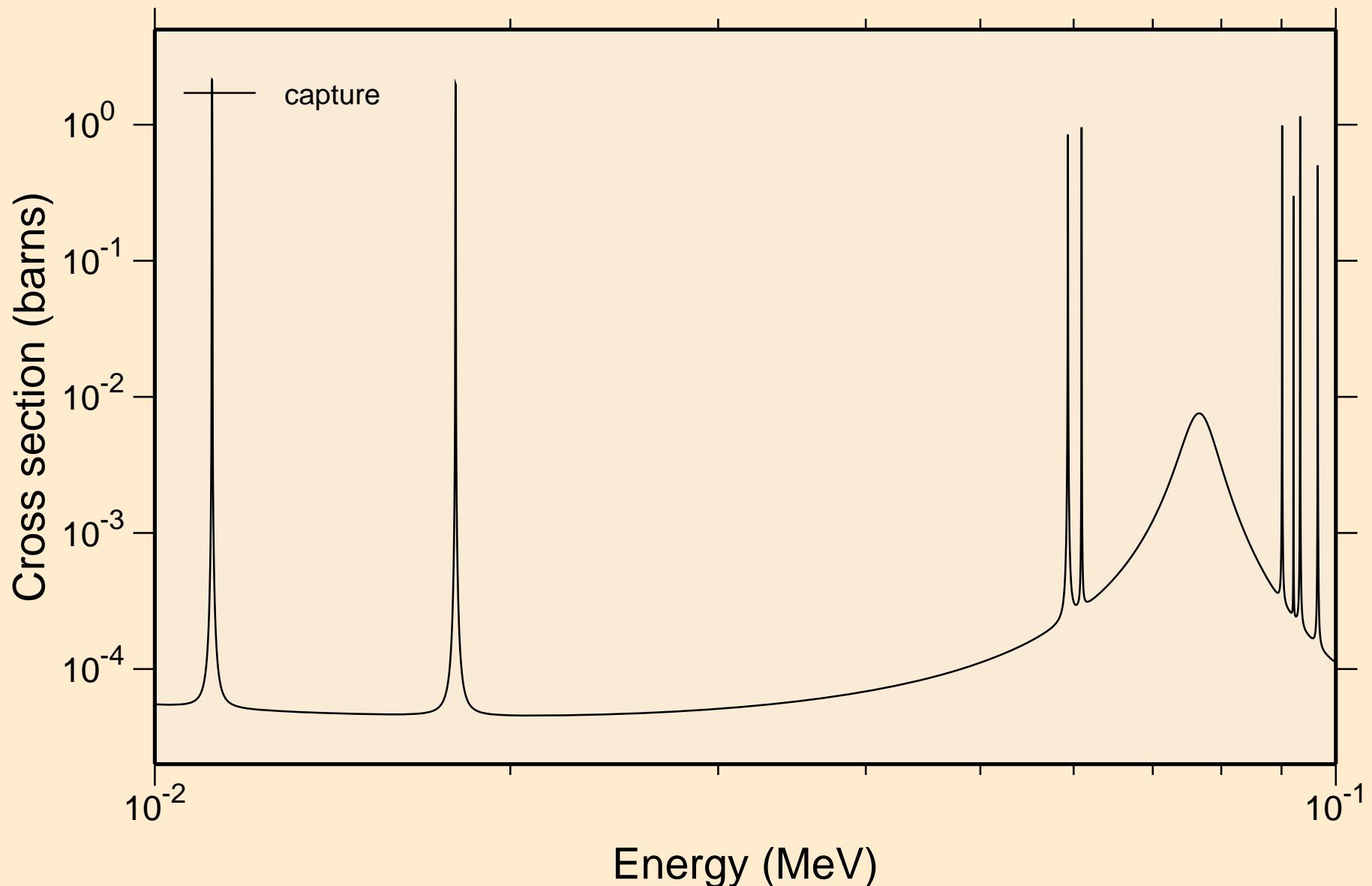
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



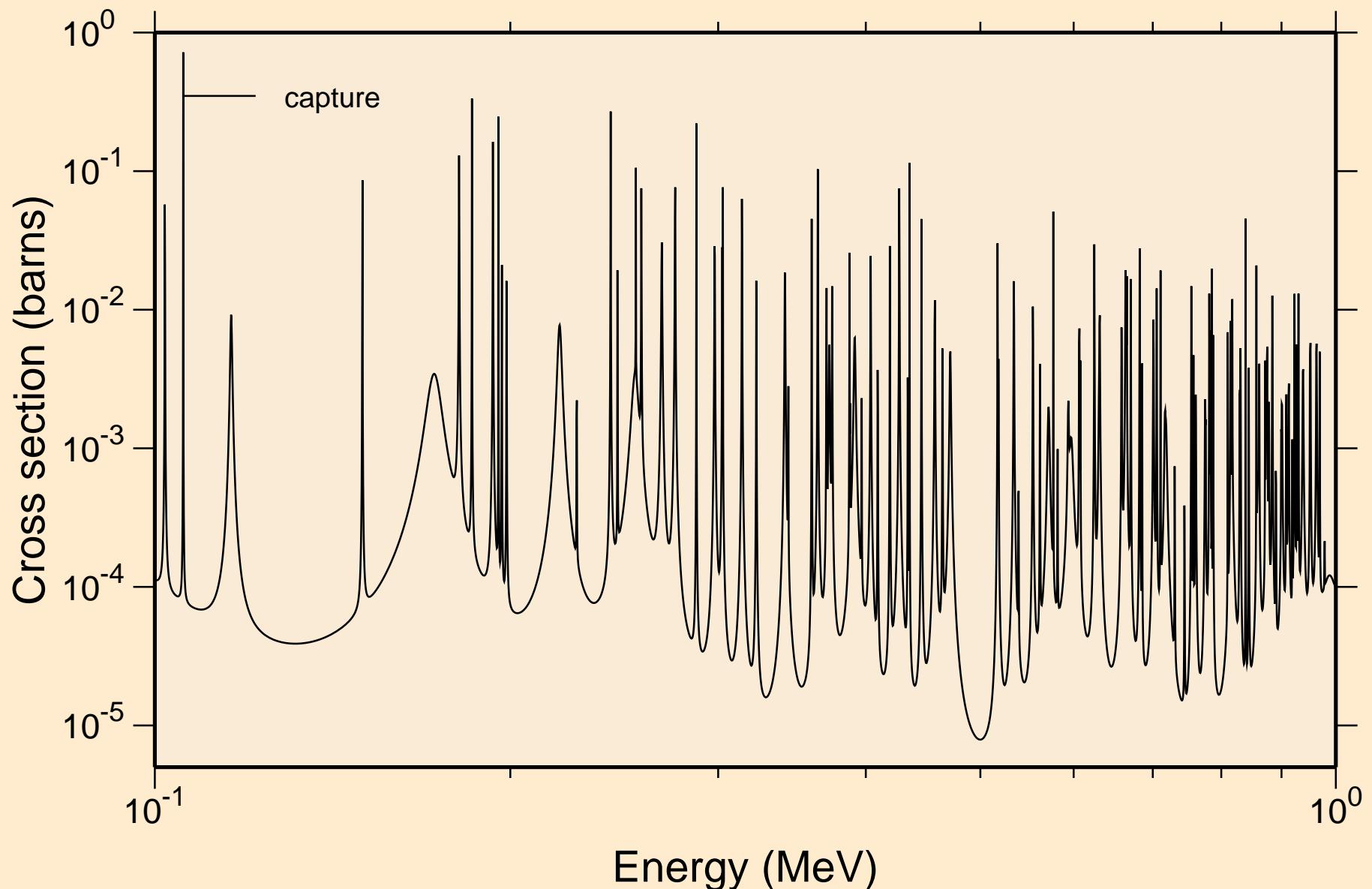
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



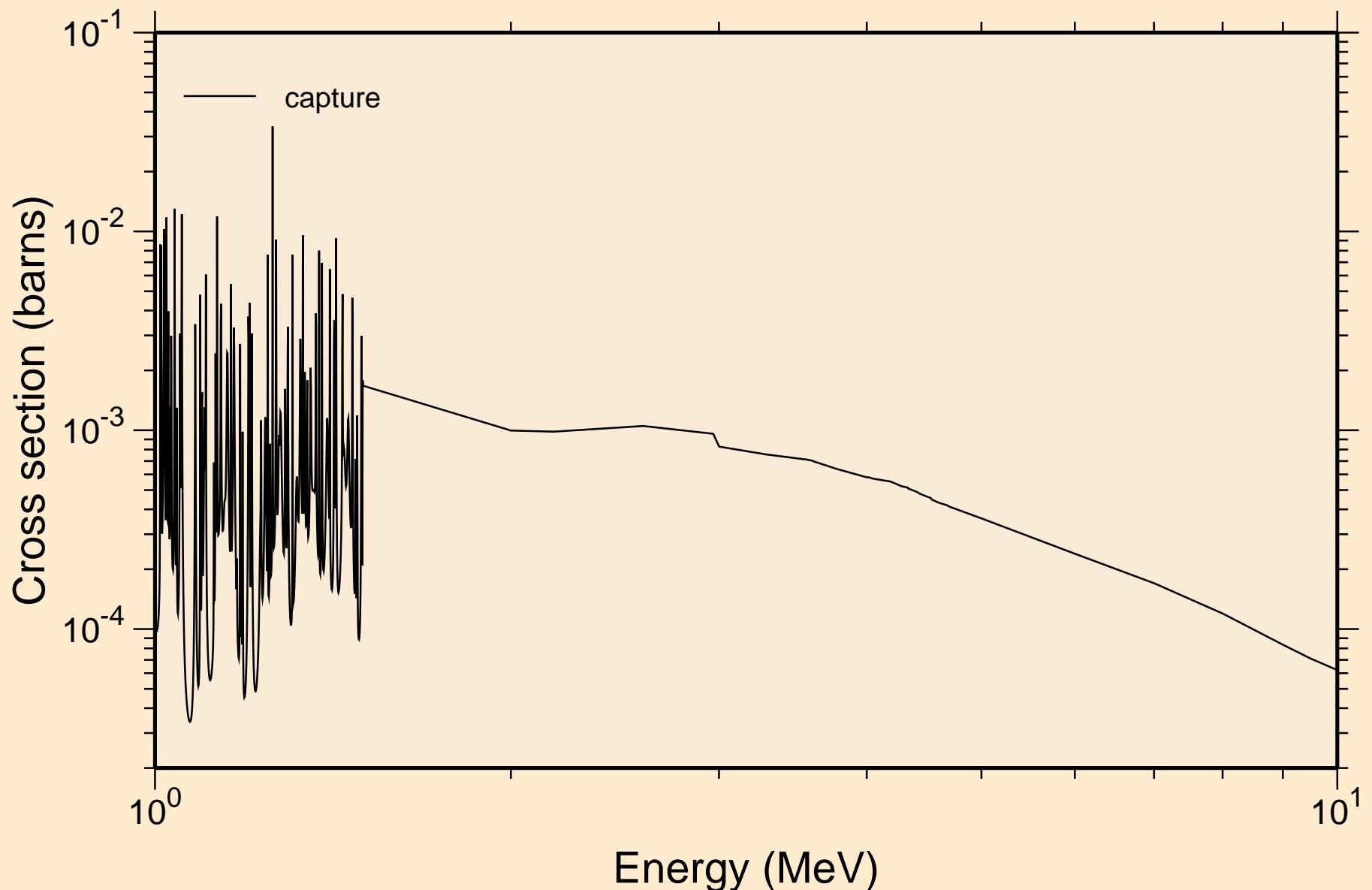
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections



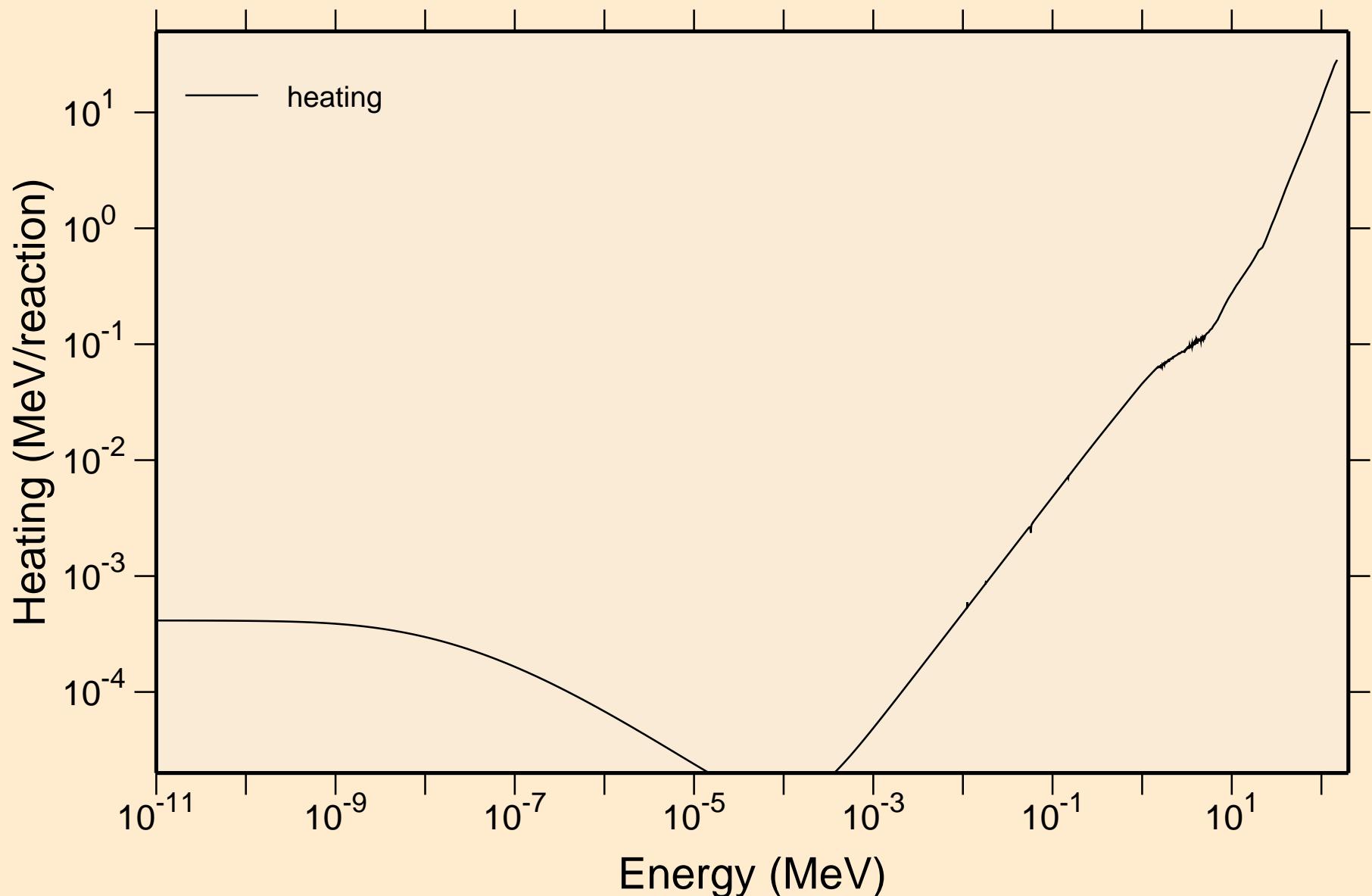
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections



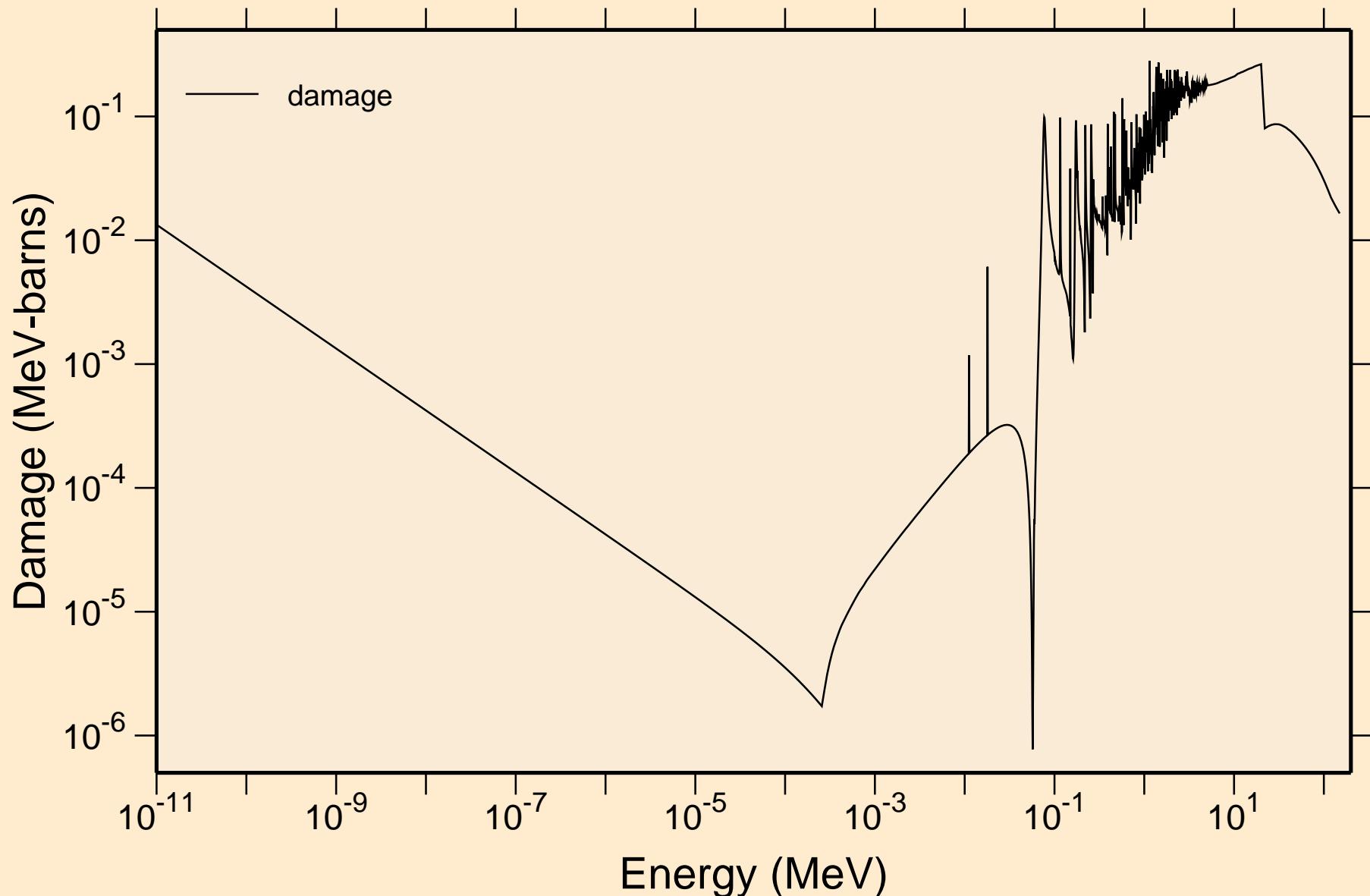
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections



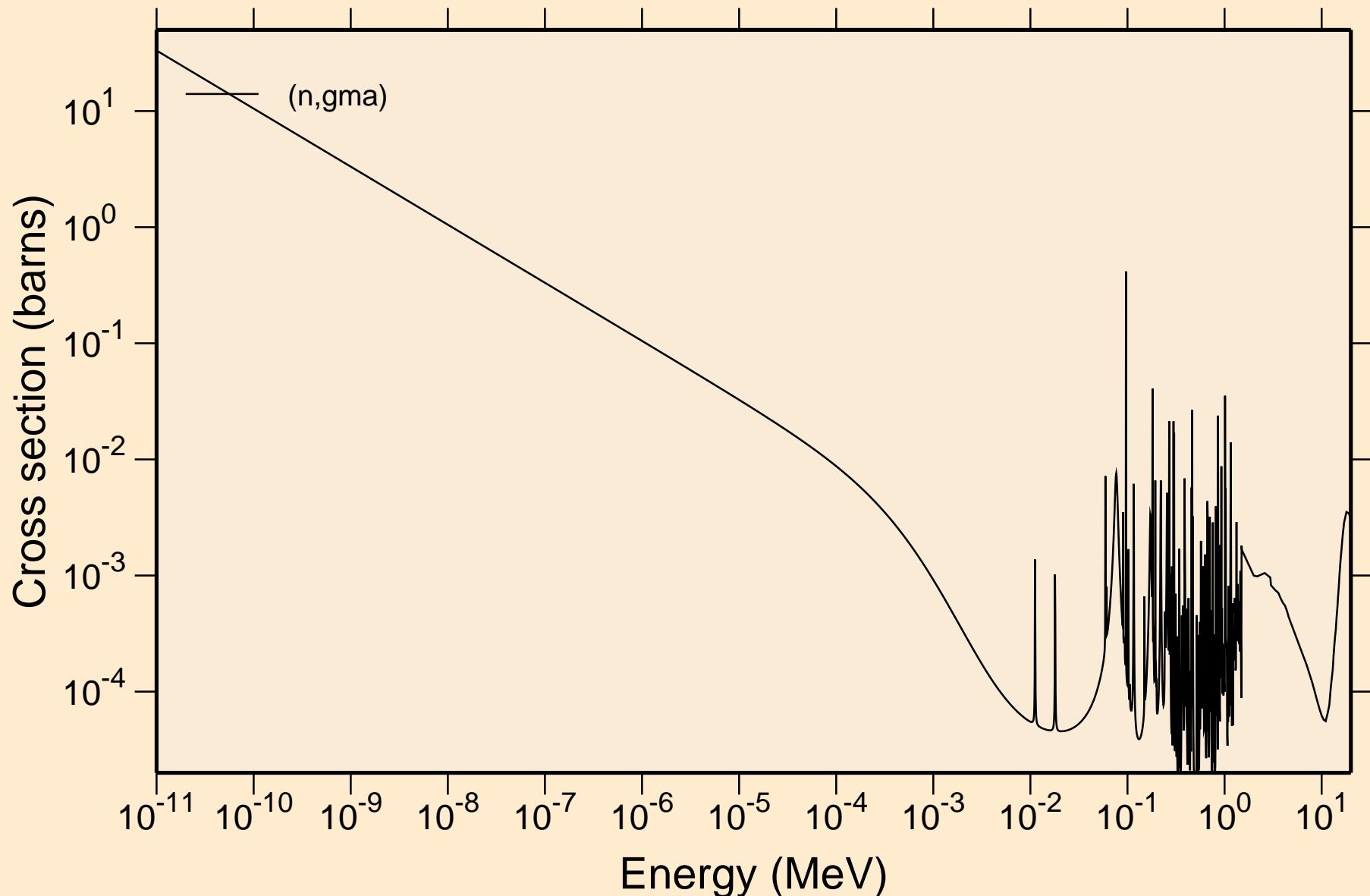
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Heating



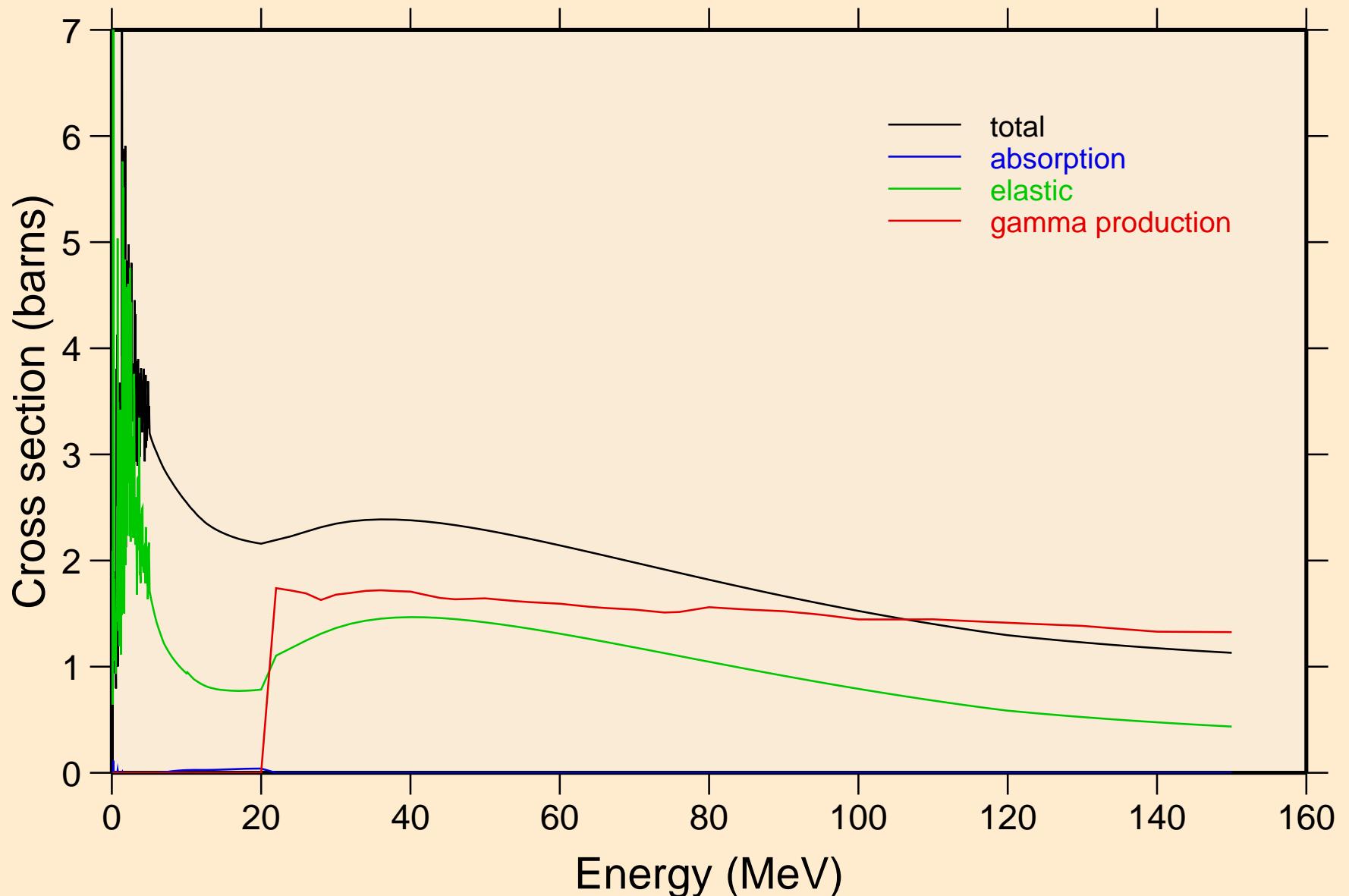
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Damage



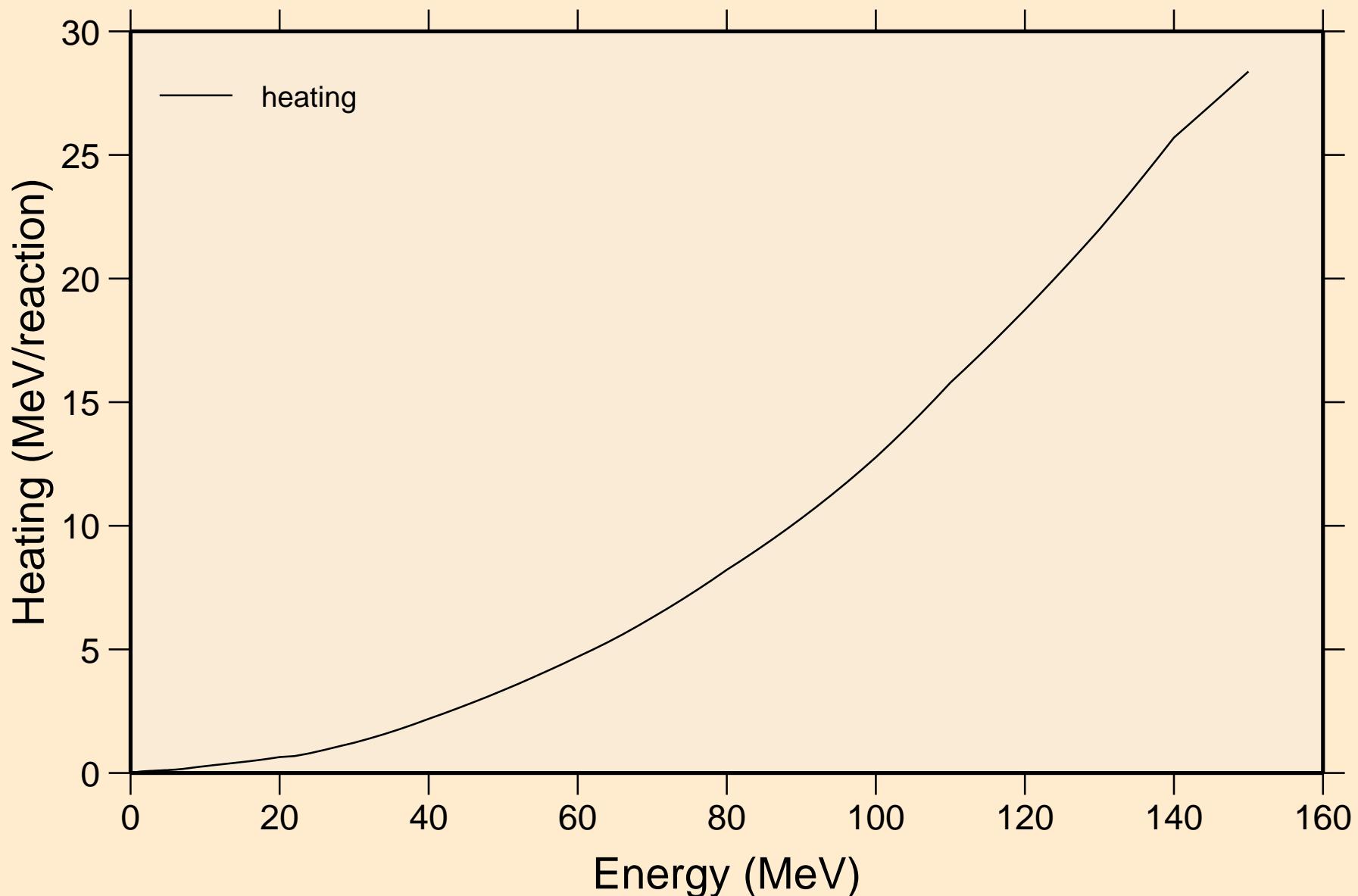
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Non-threshold reactions



18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Principal cross sections

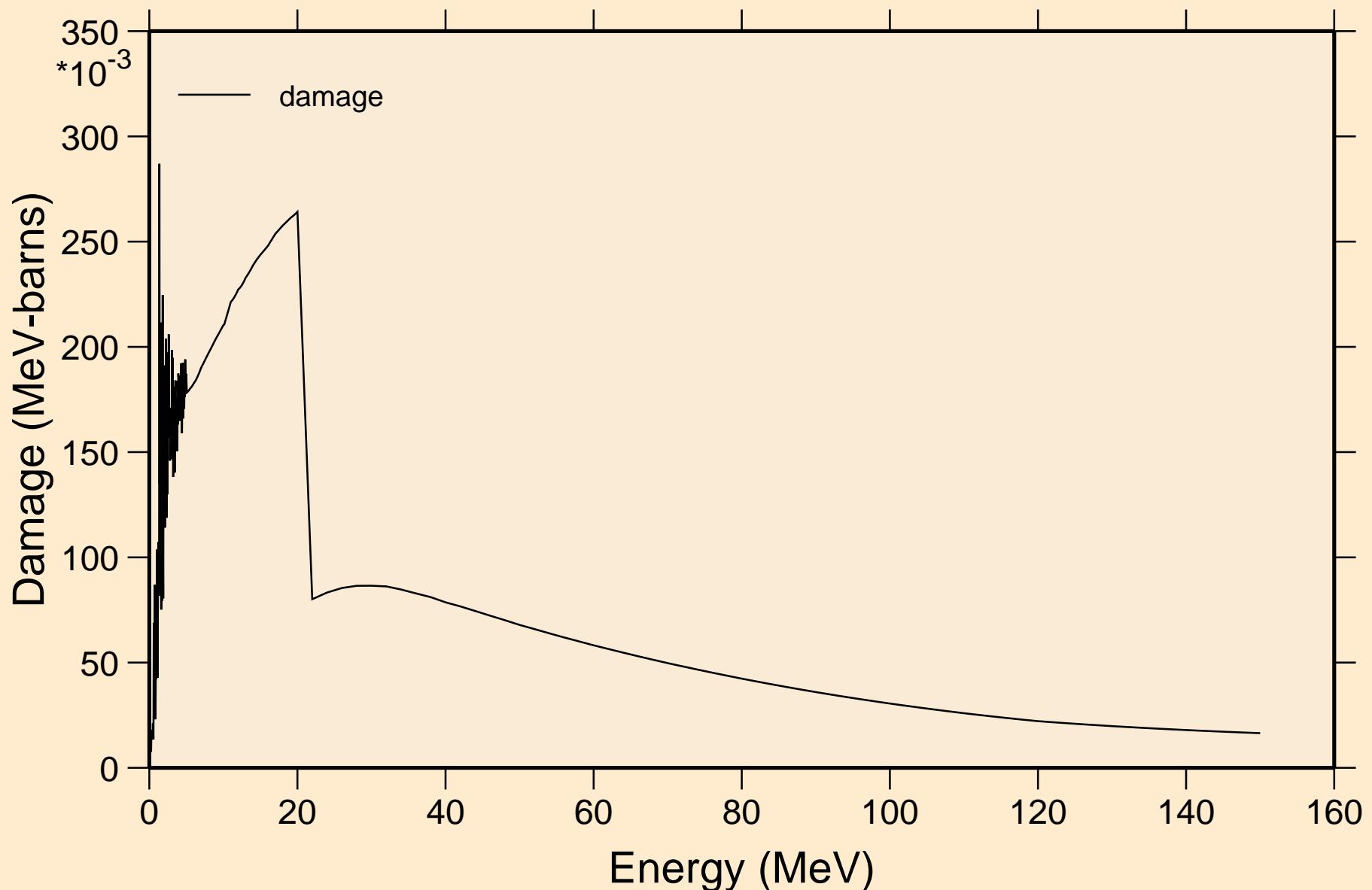


18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Heating

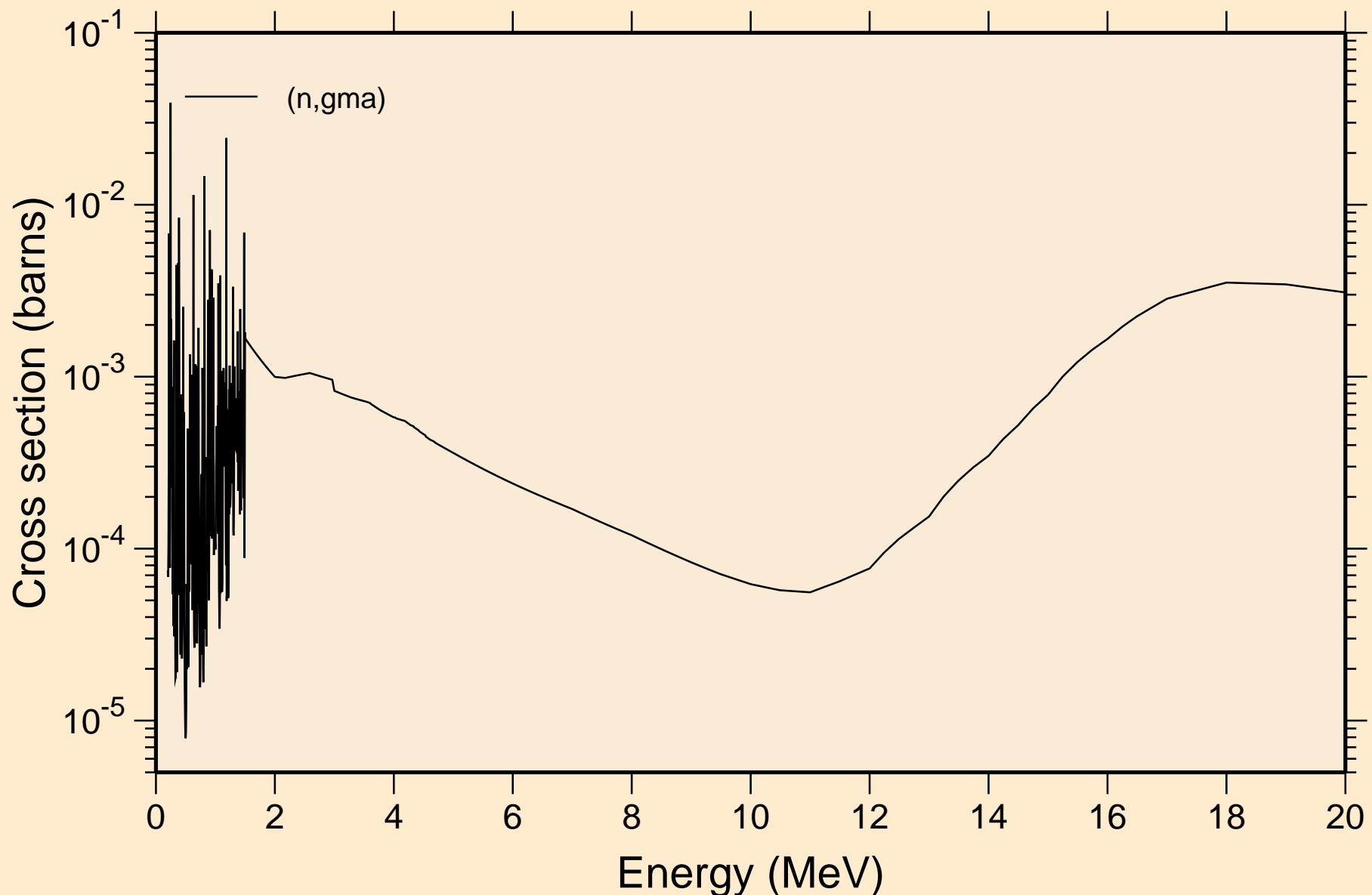


# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Damage

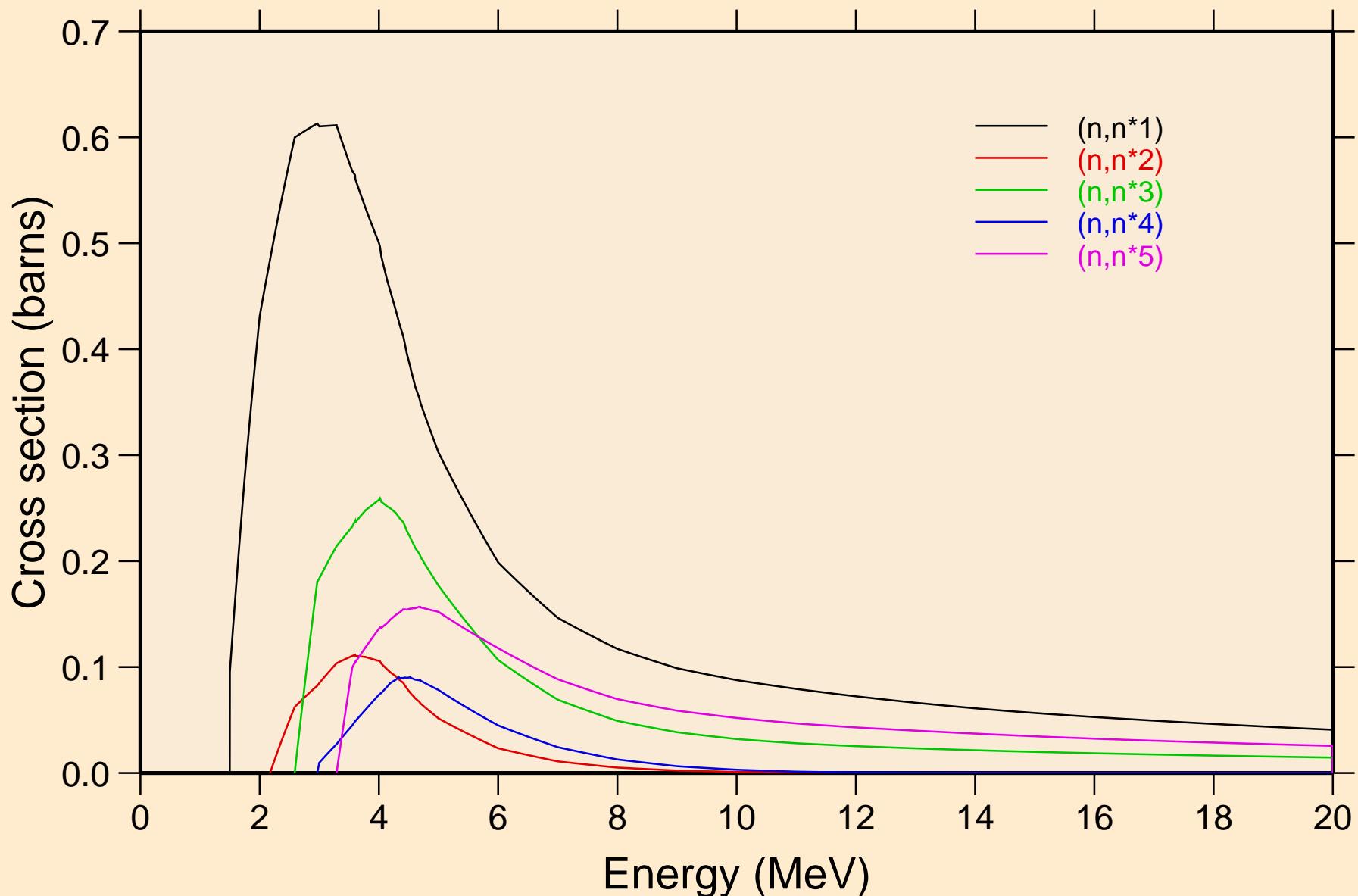


18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Non-threshold reactions



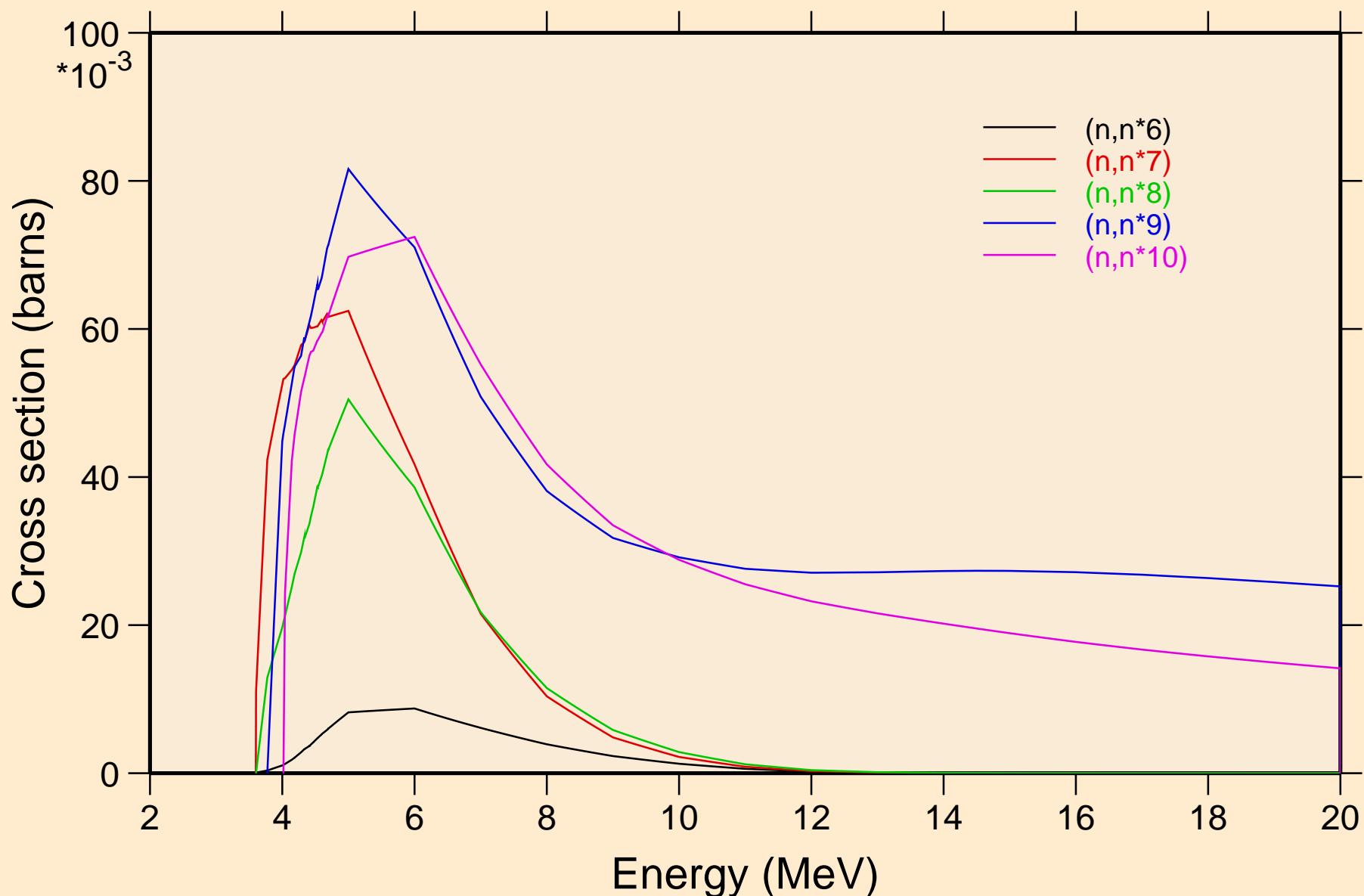
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



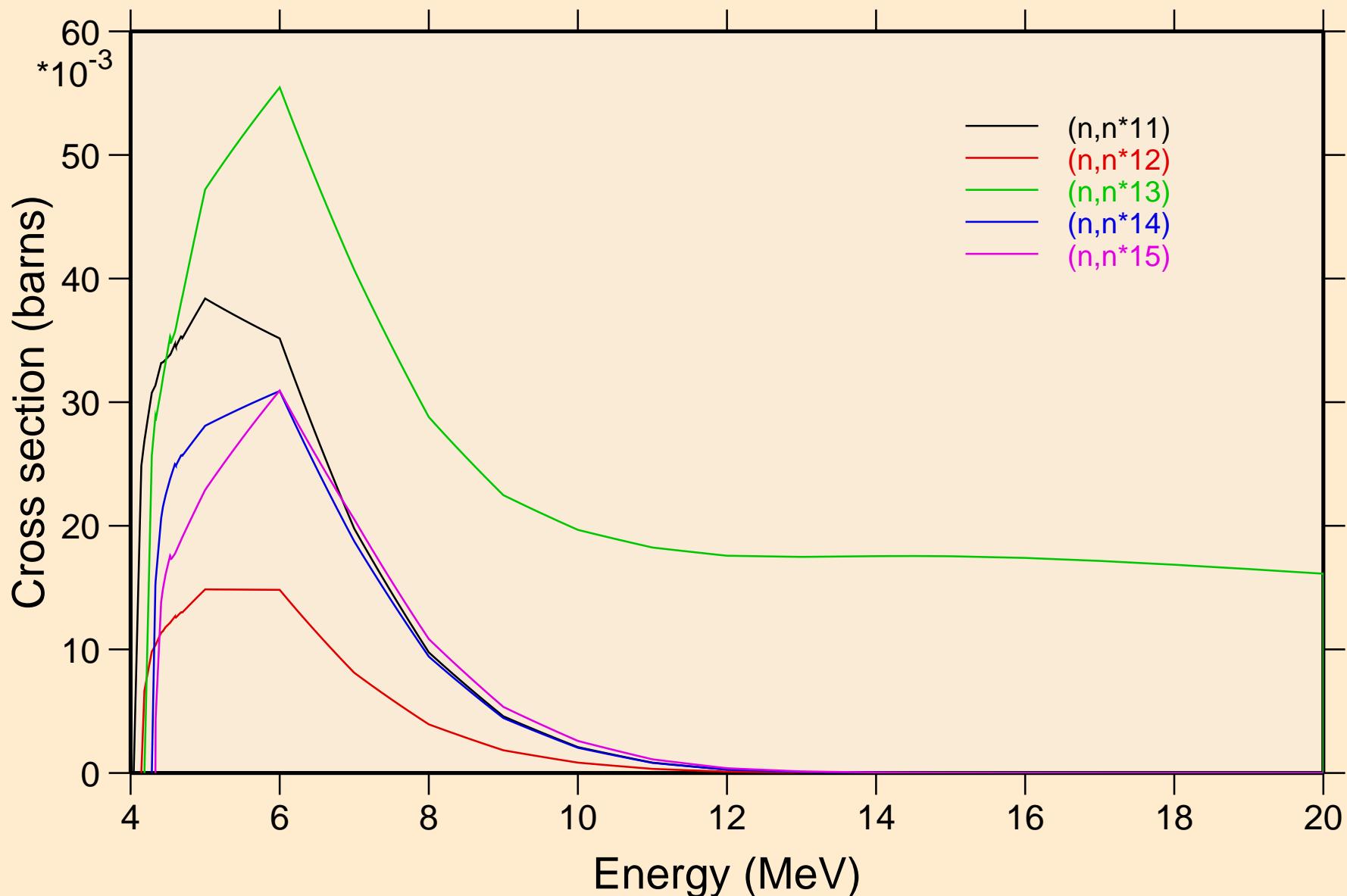
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



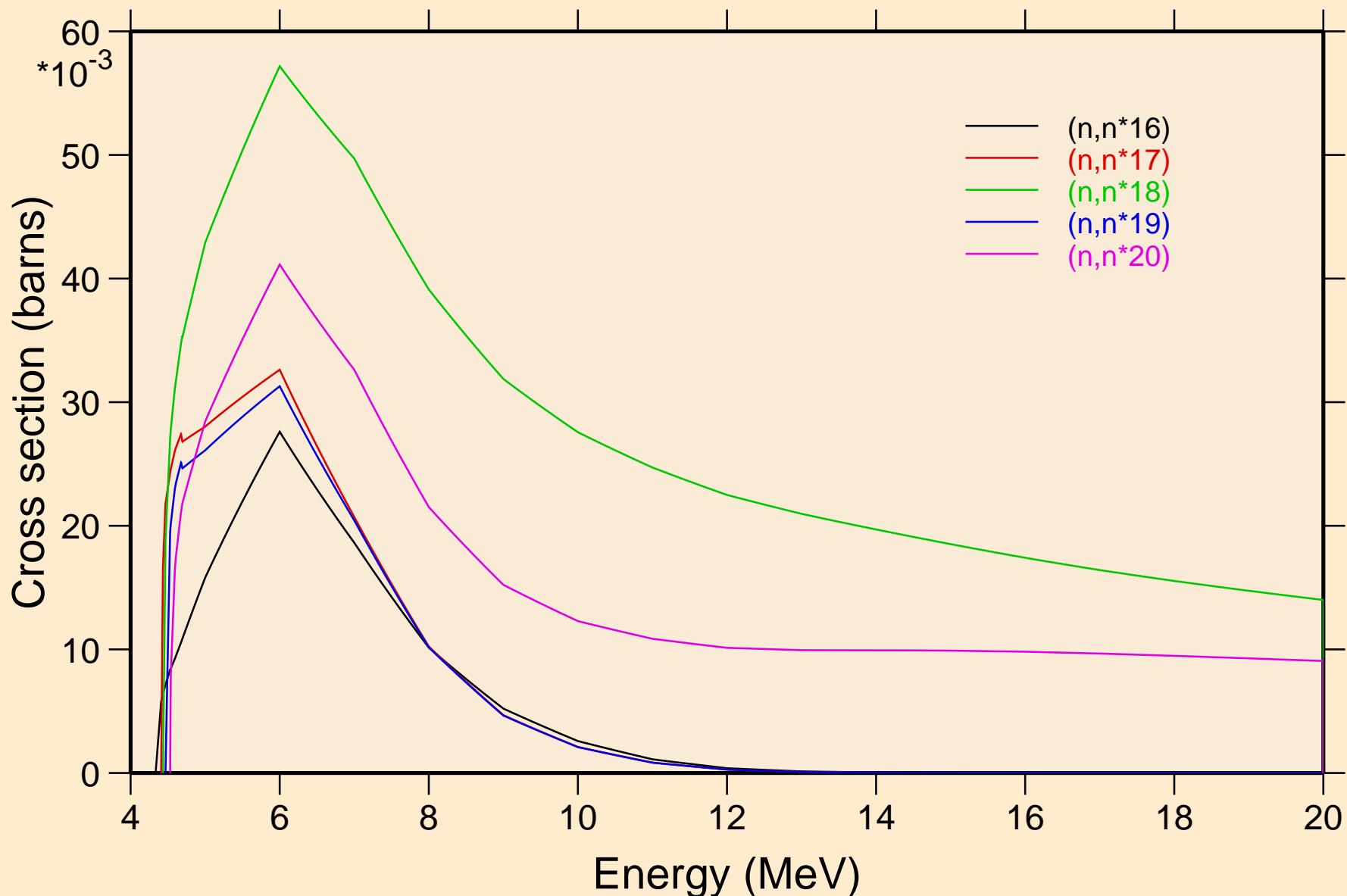
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



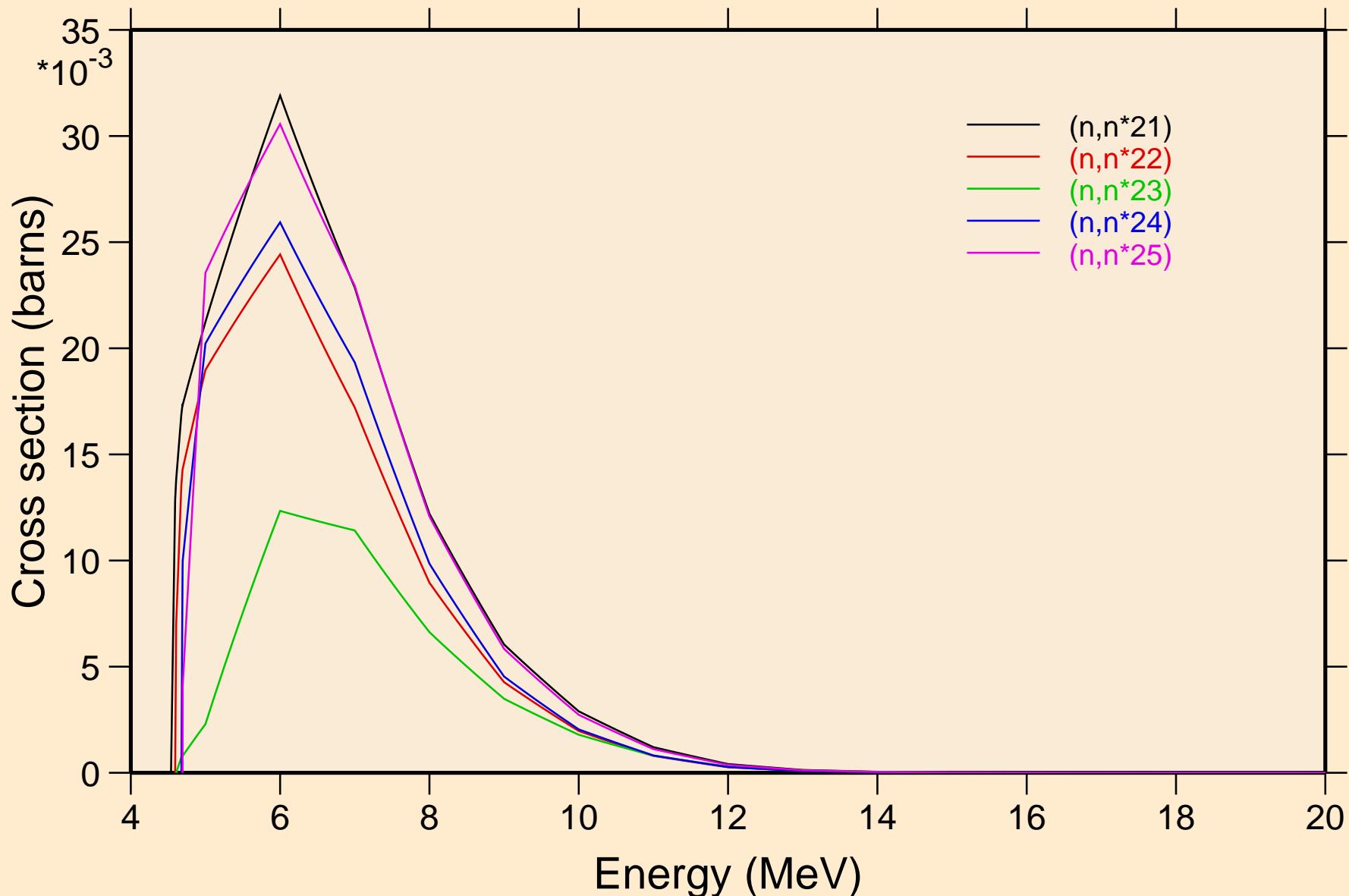
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



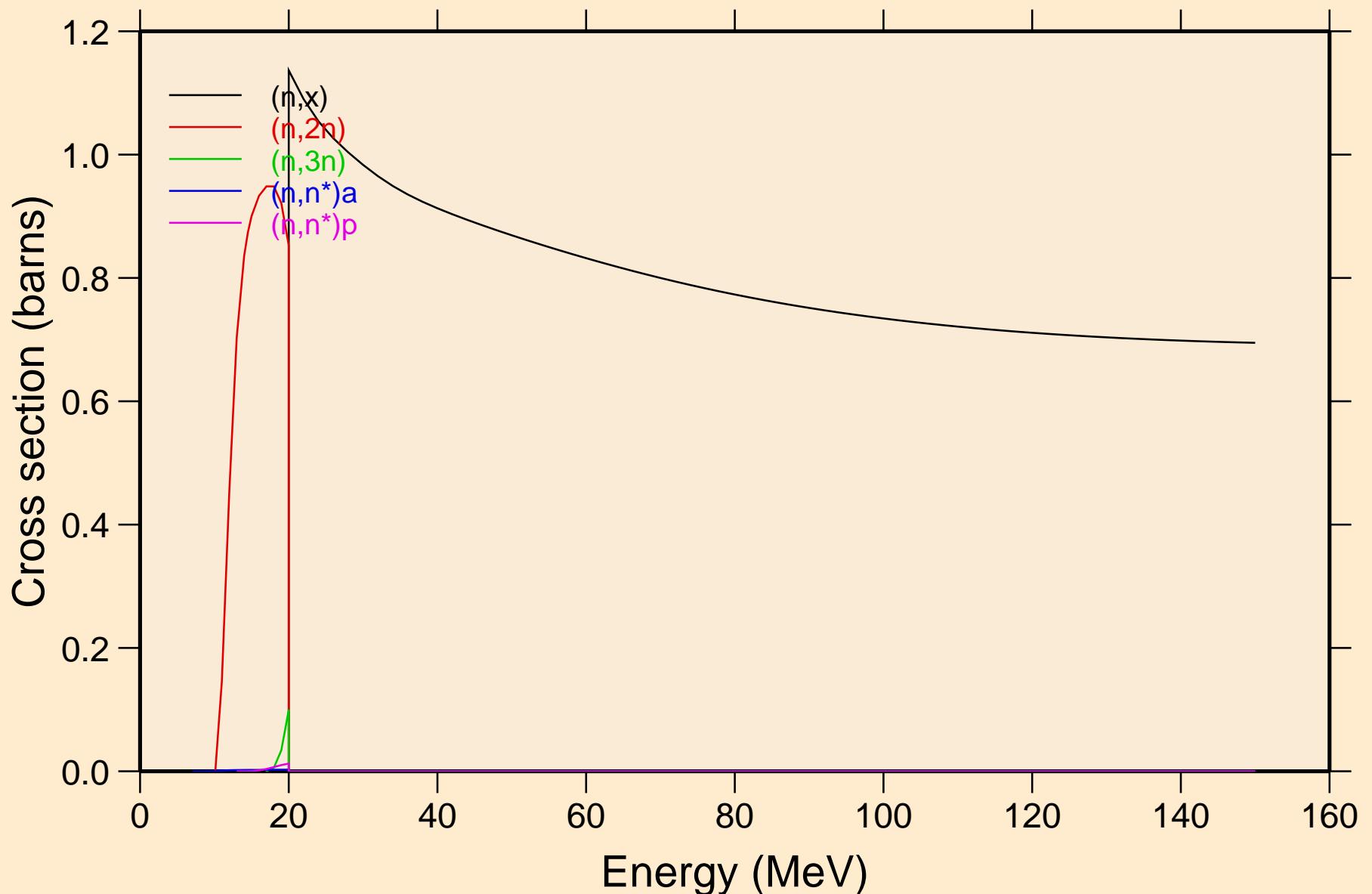
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



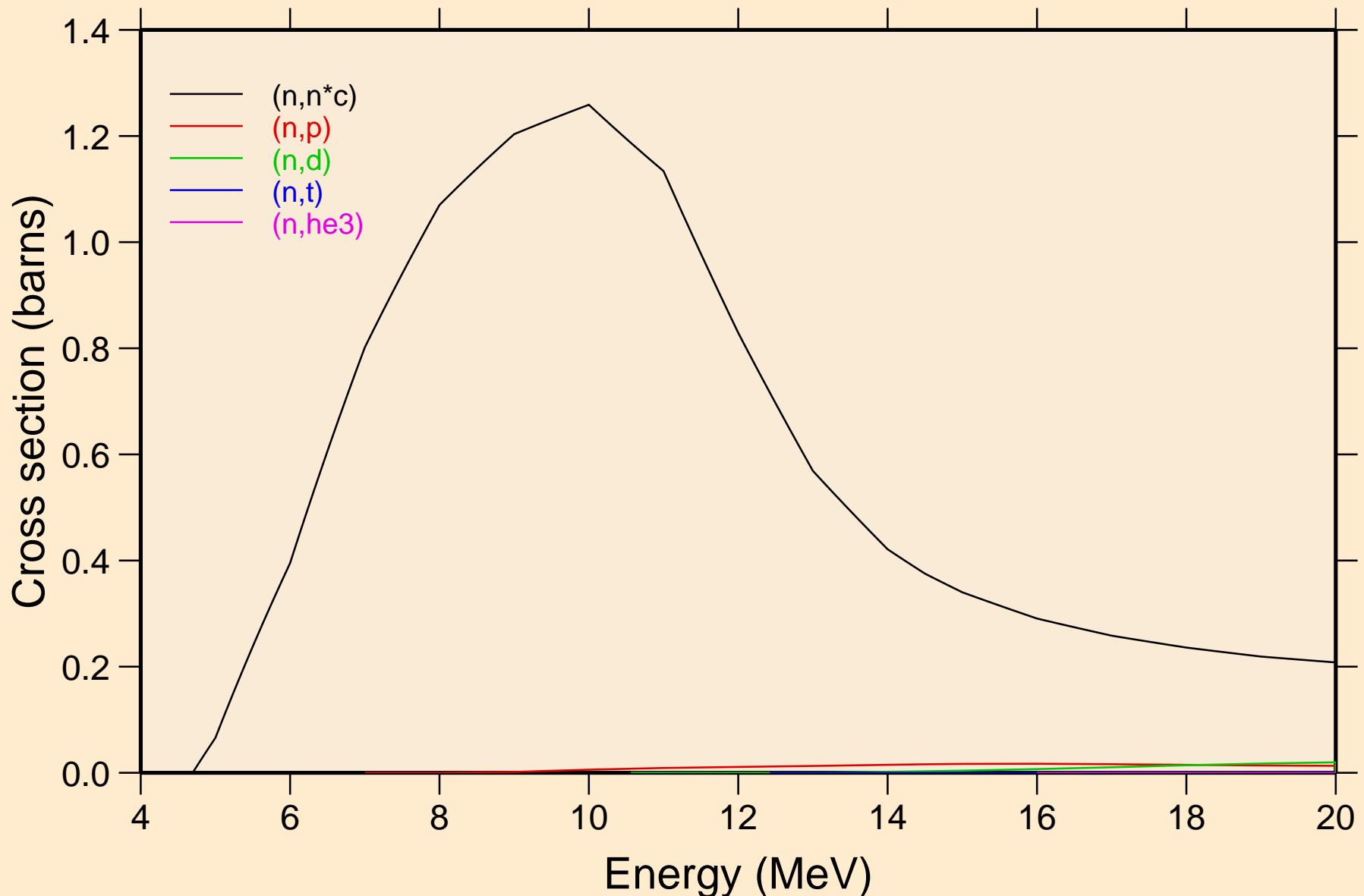
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Threshold reactions



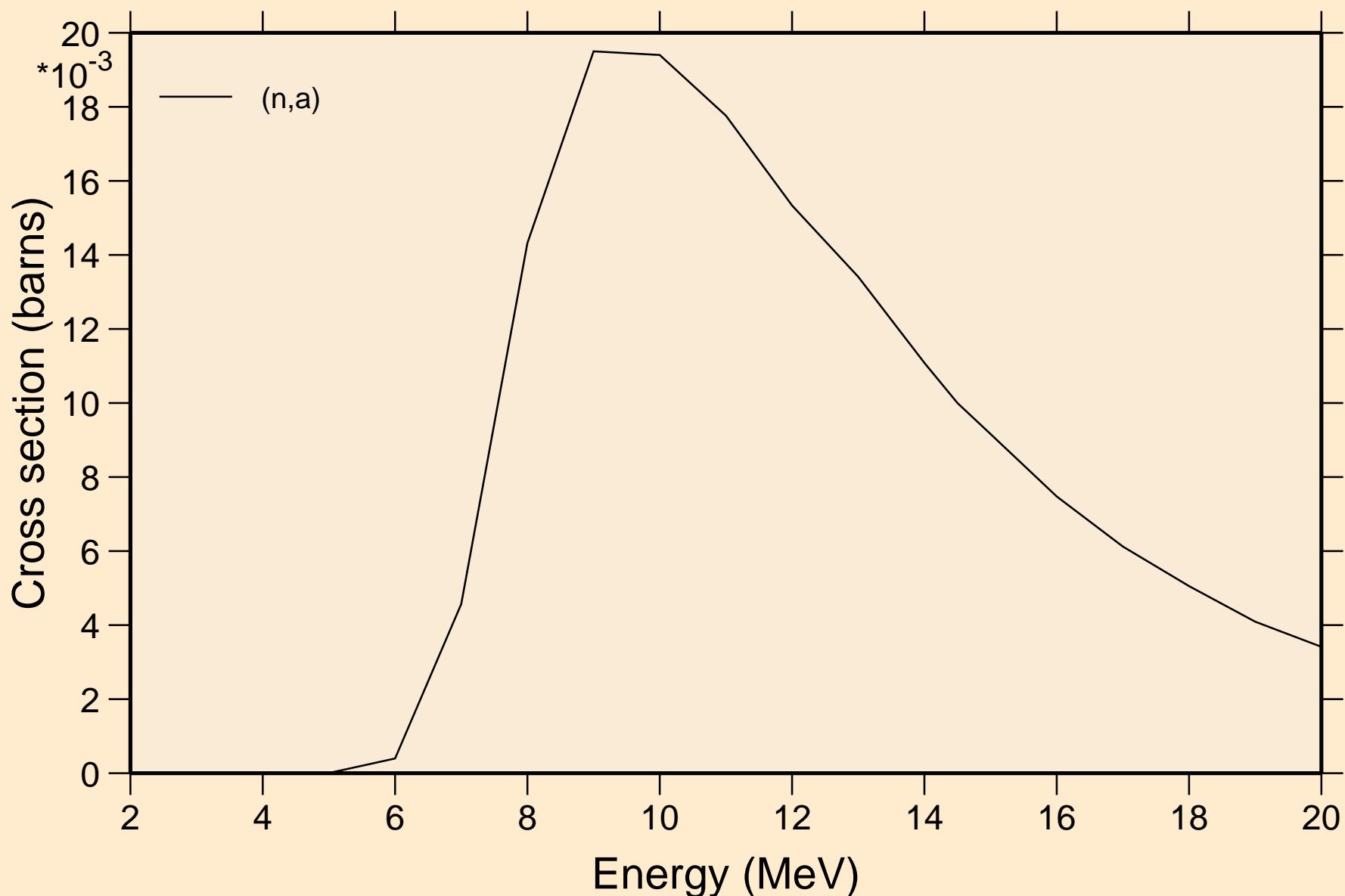
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Threshold reactions



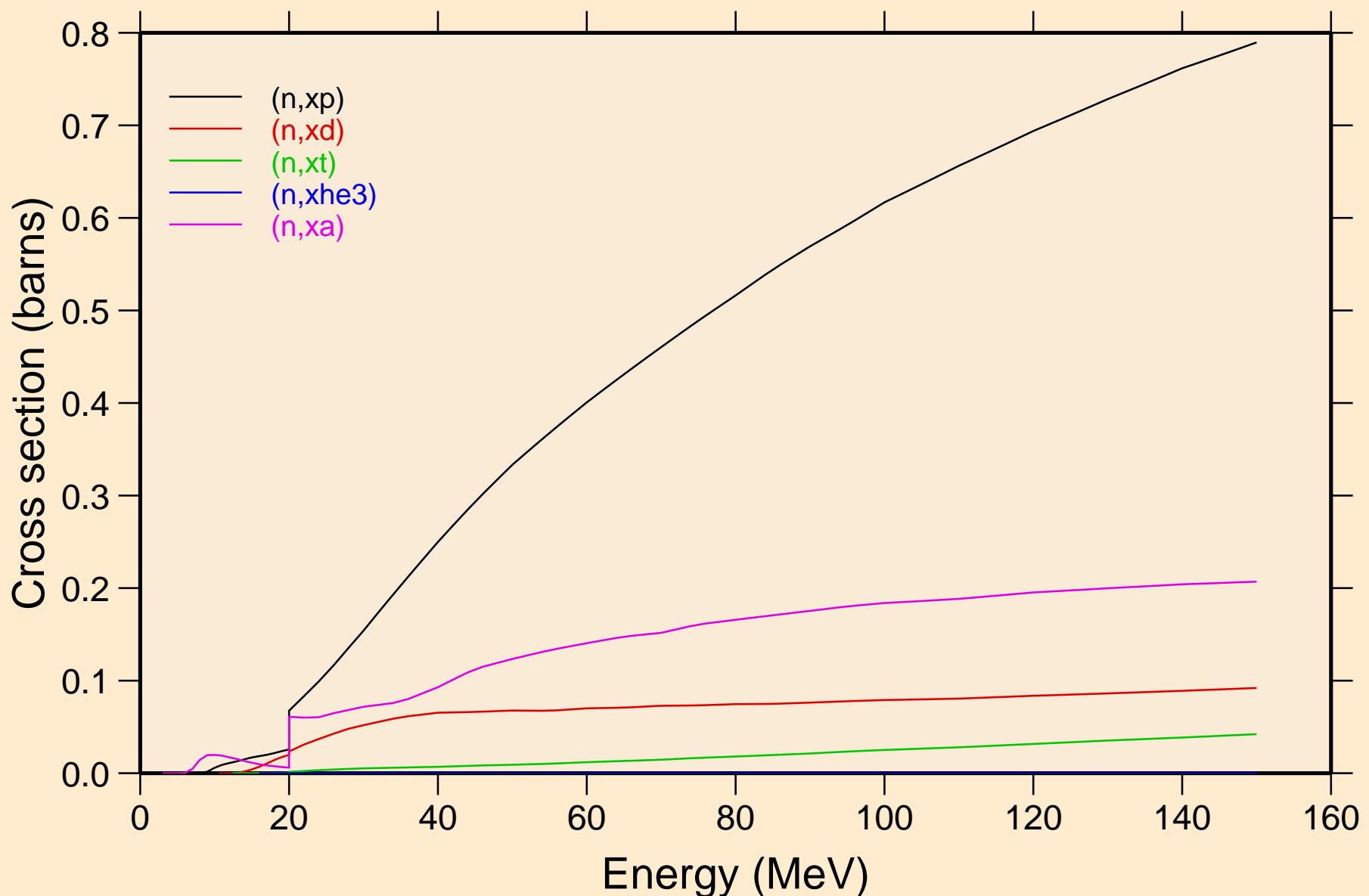
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Threshold reactions

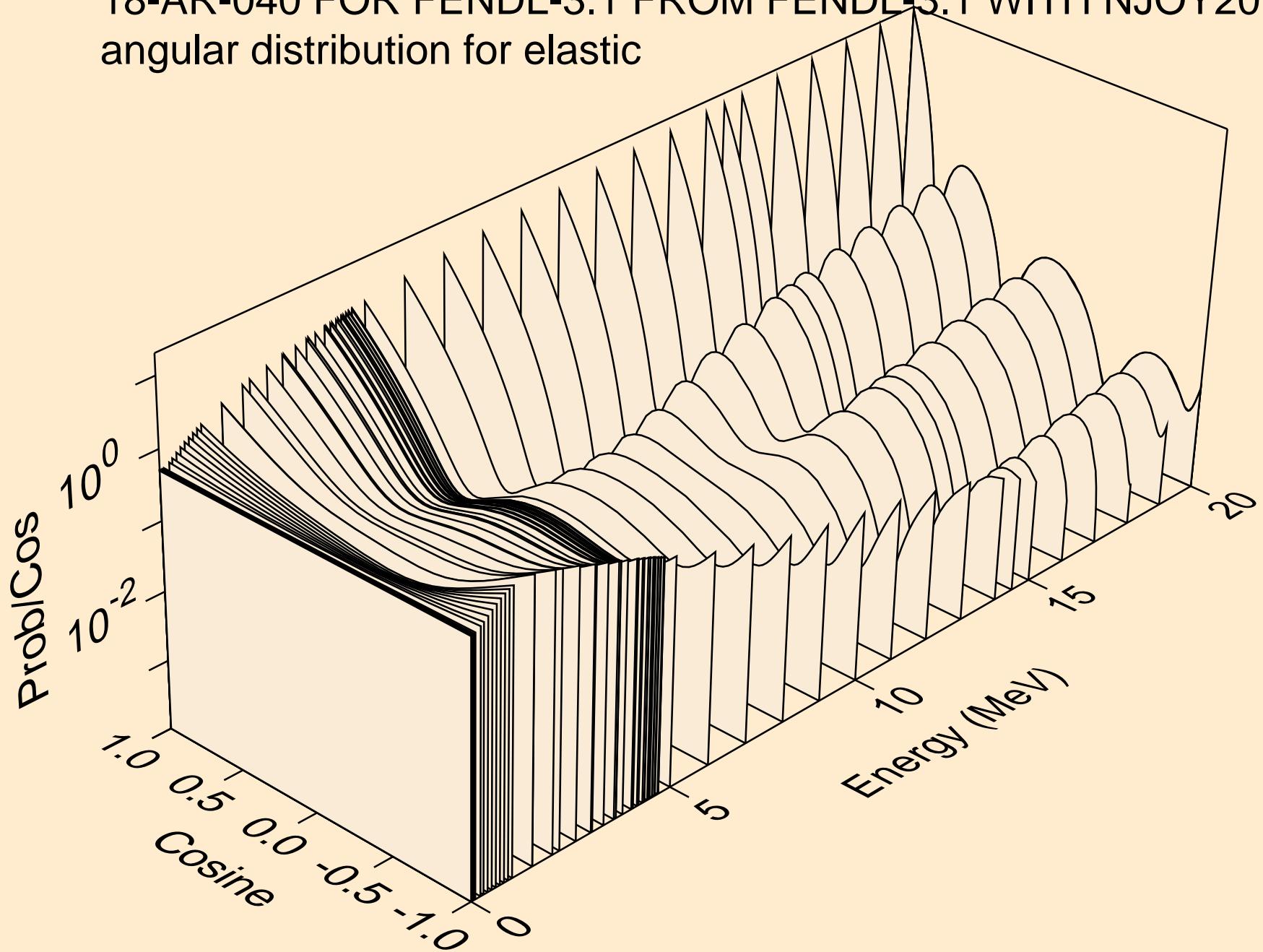


# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

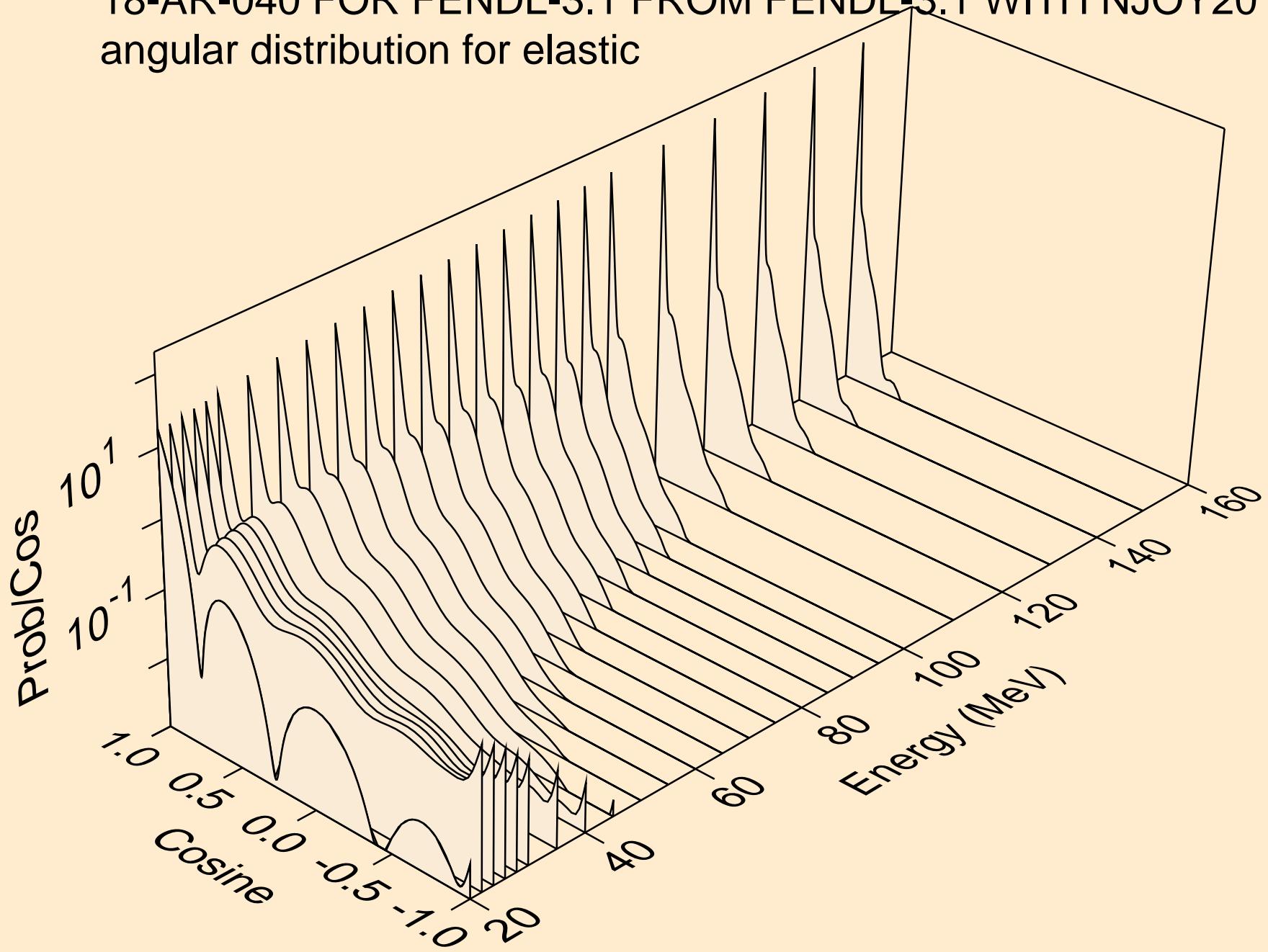
## Threshold reactions



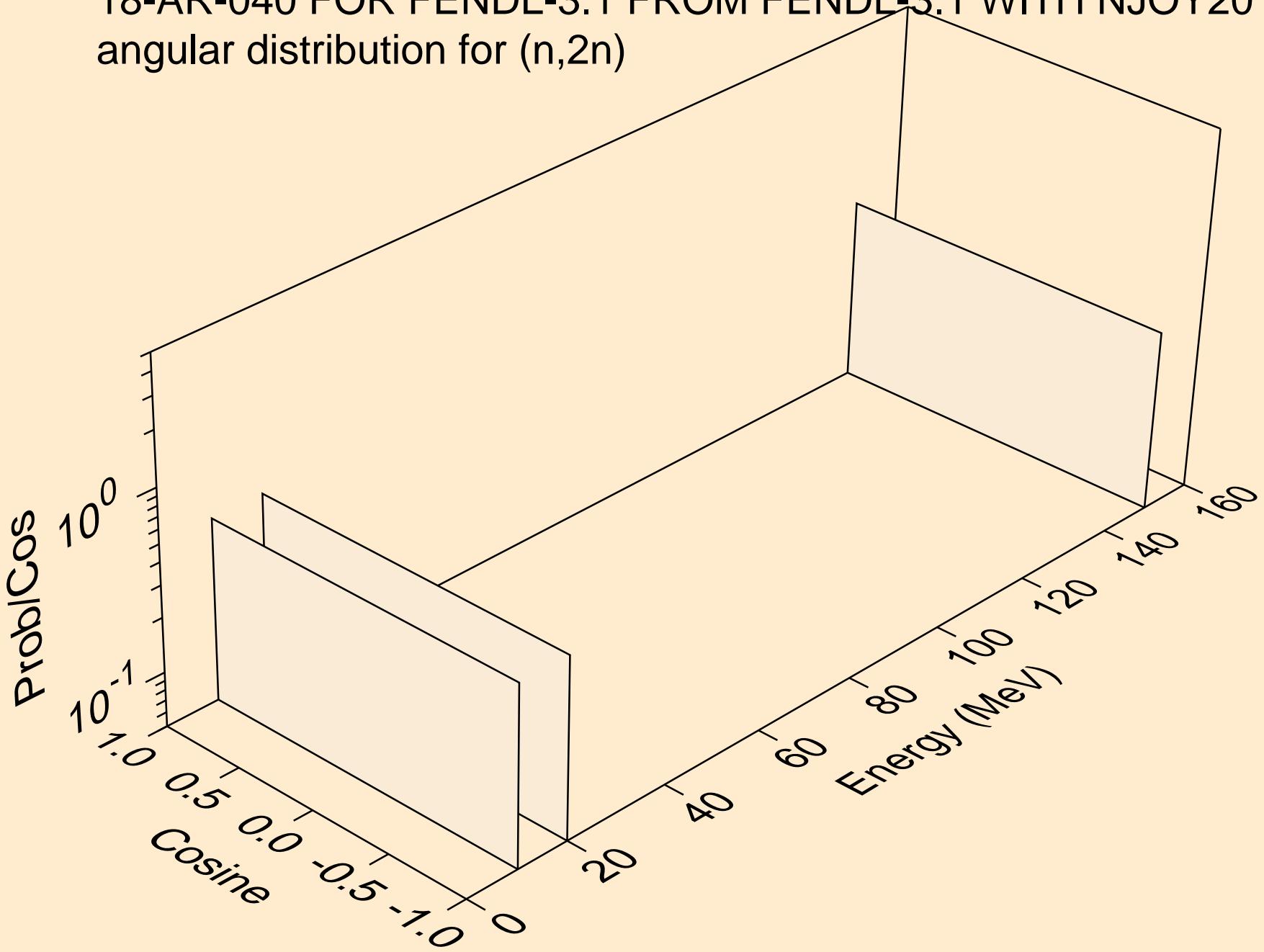
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for elastic



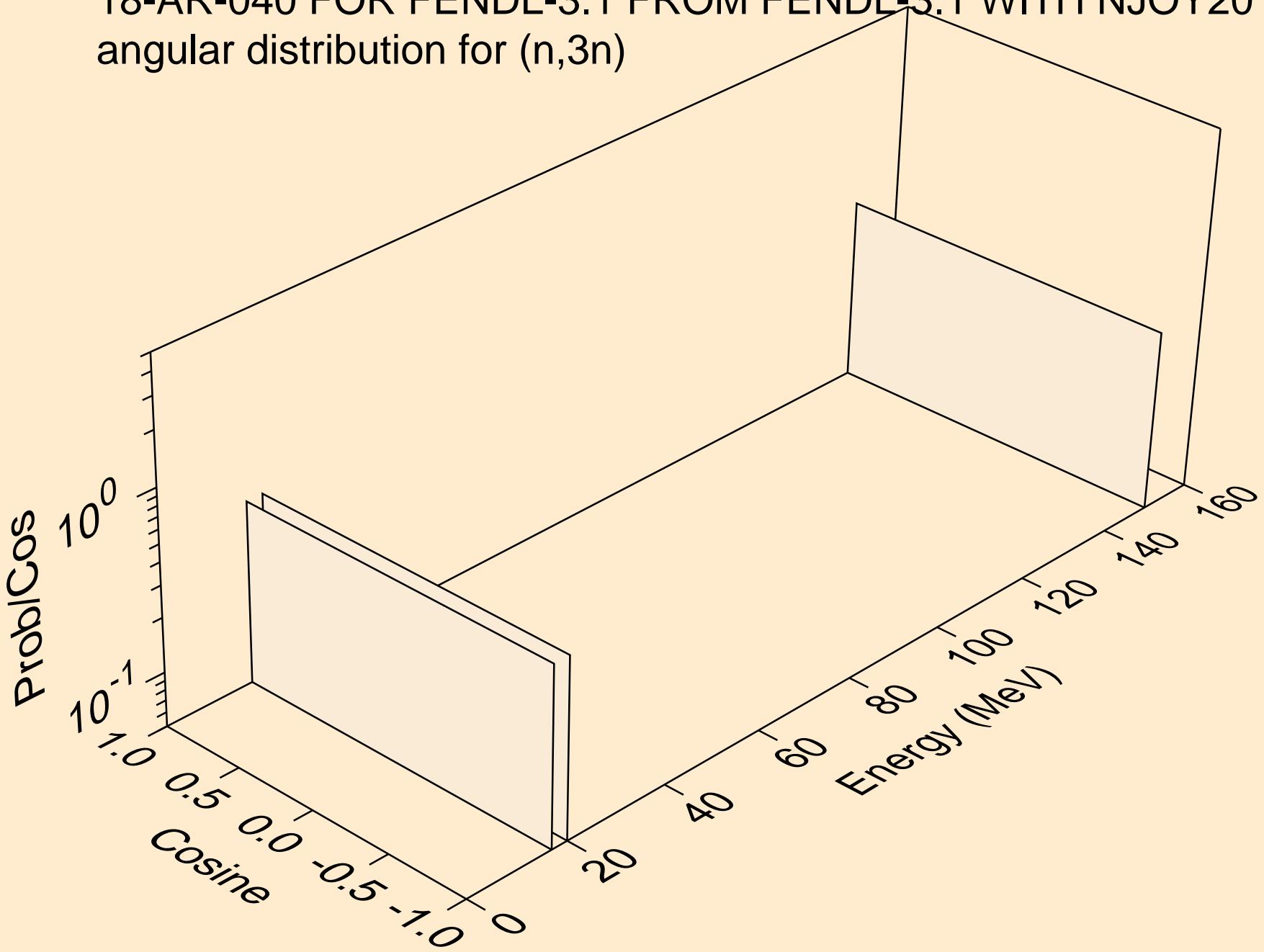
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for elastic



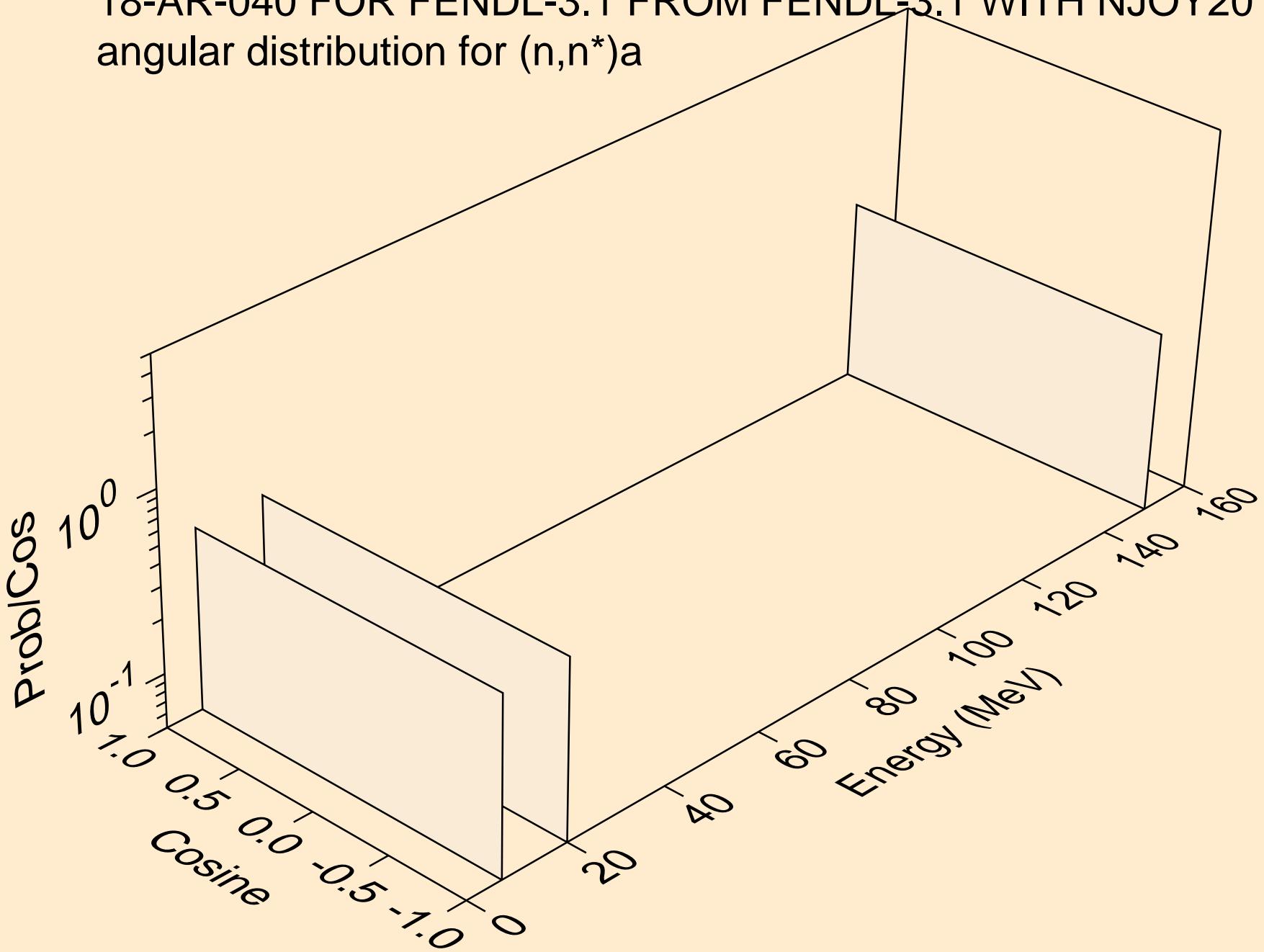
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,2n)



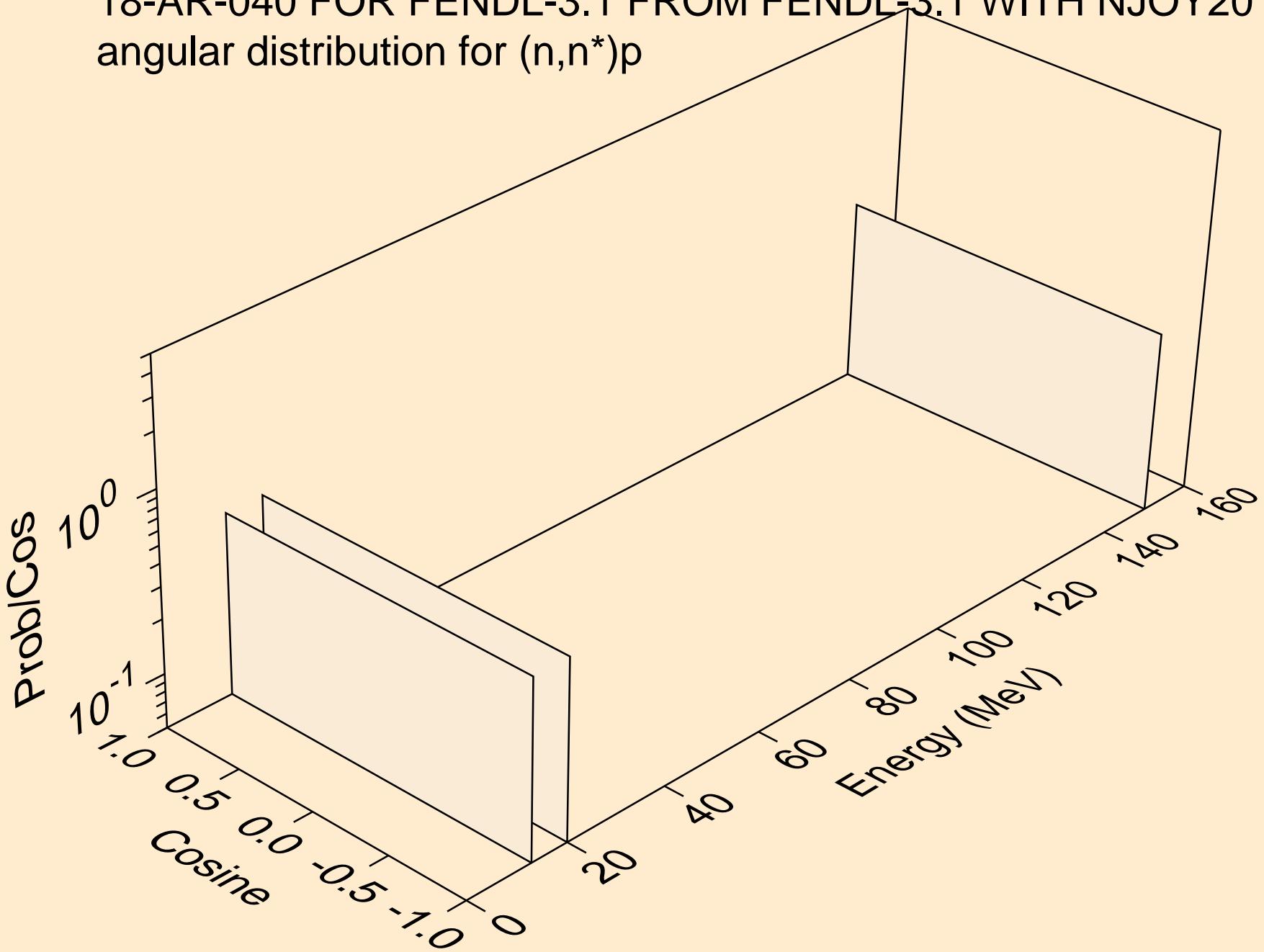
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,3n)



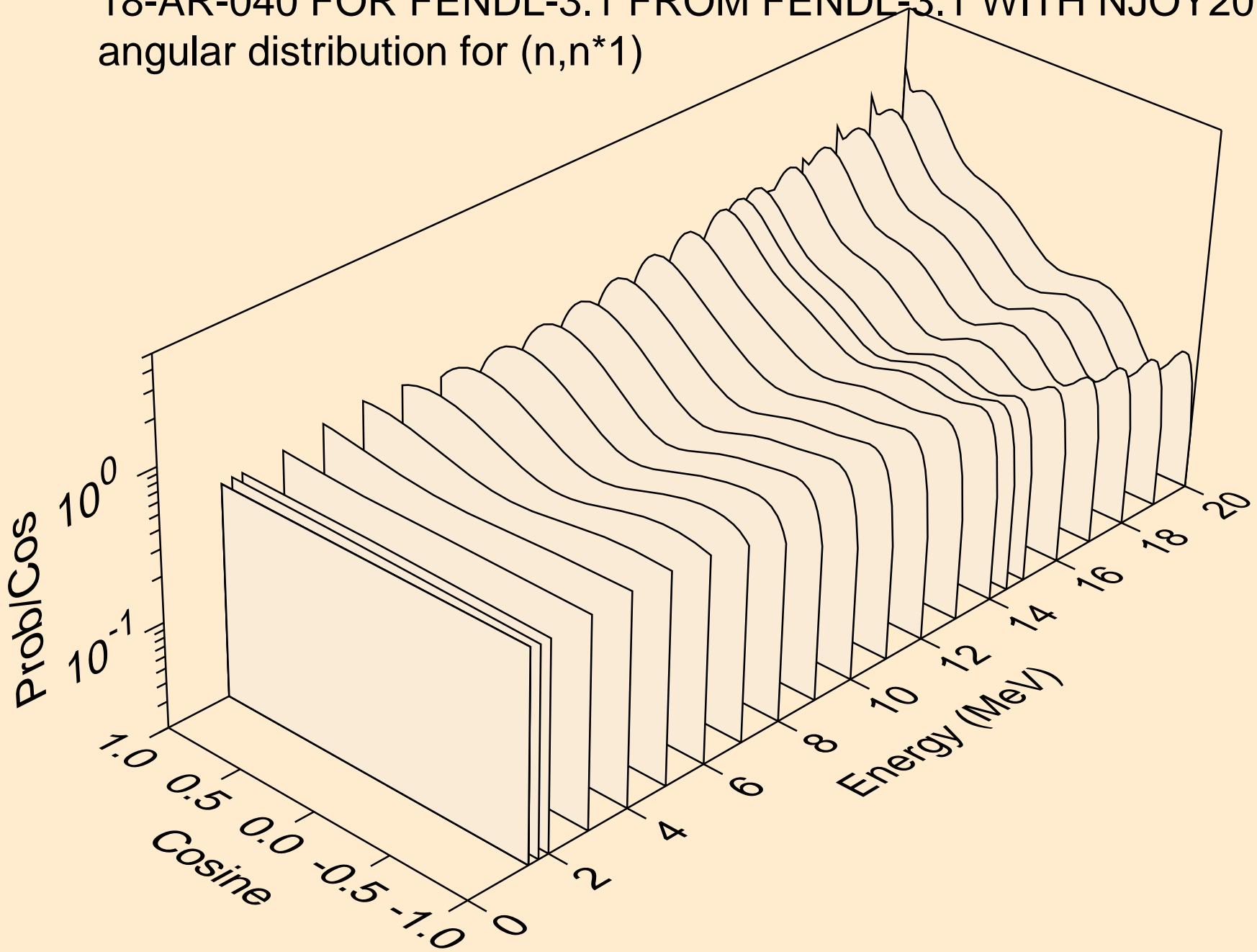
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*)a$



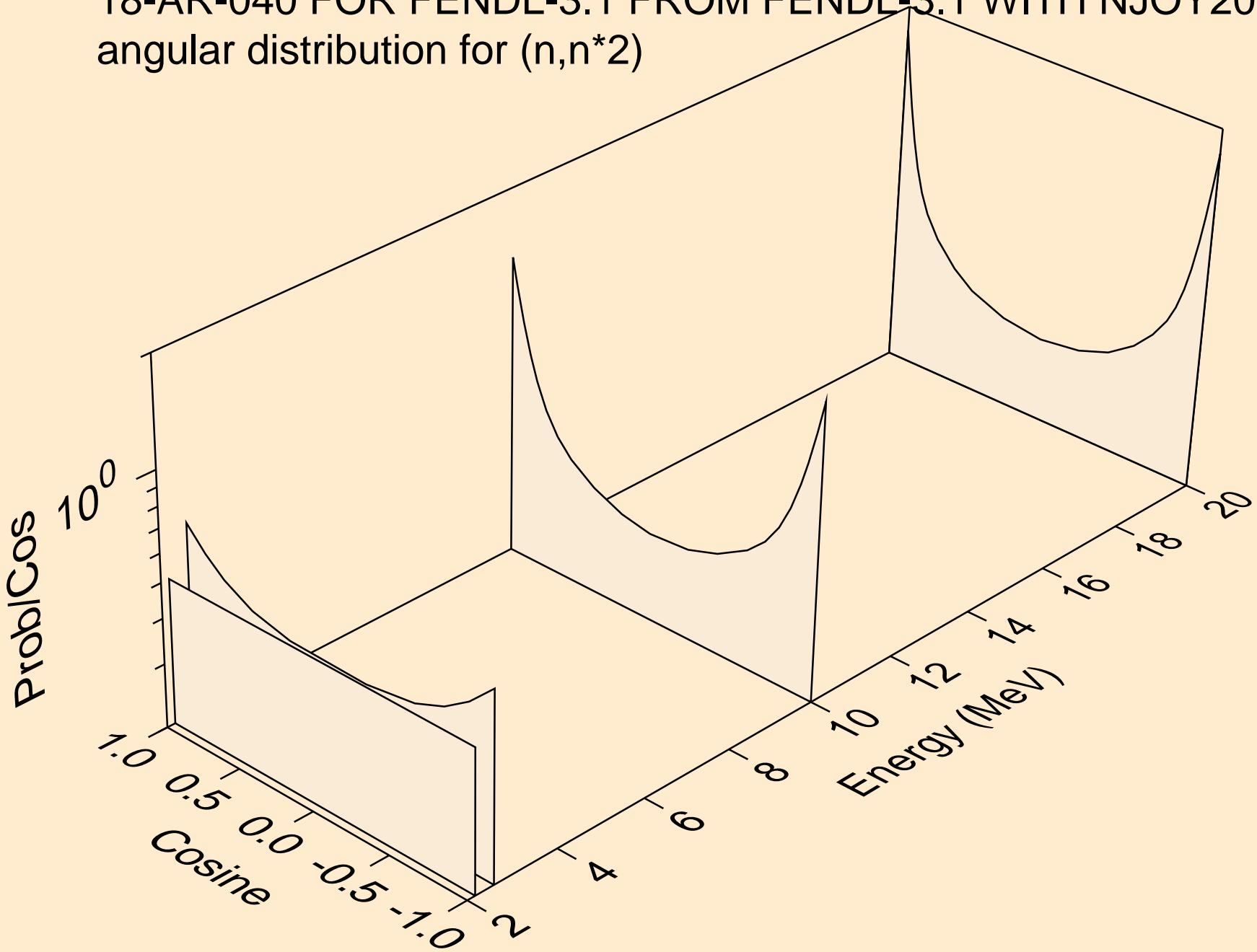
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*)p$



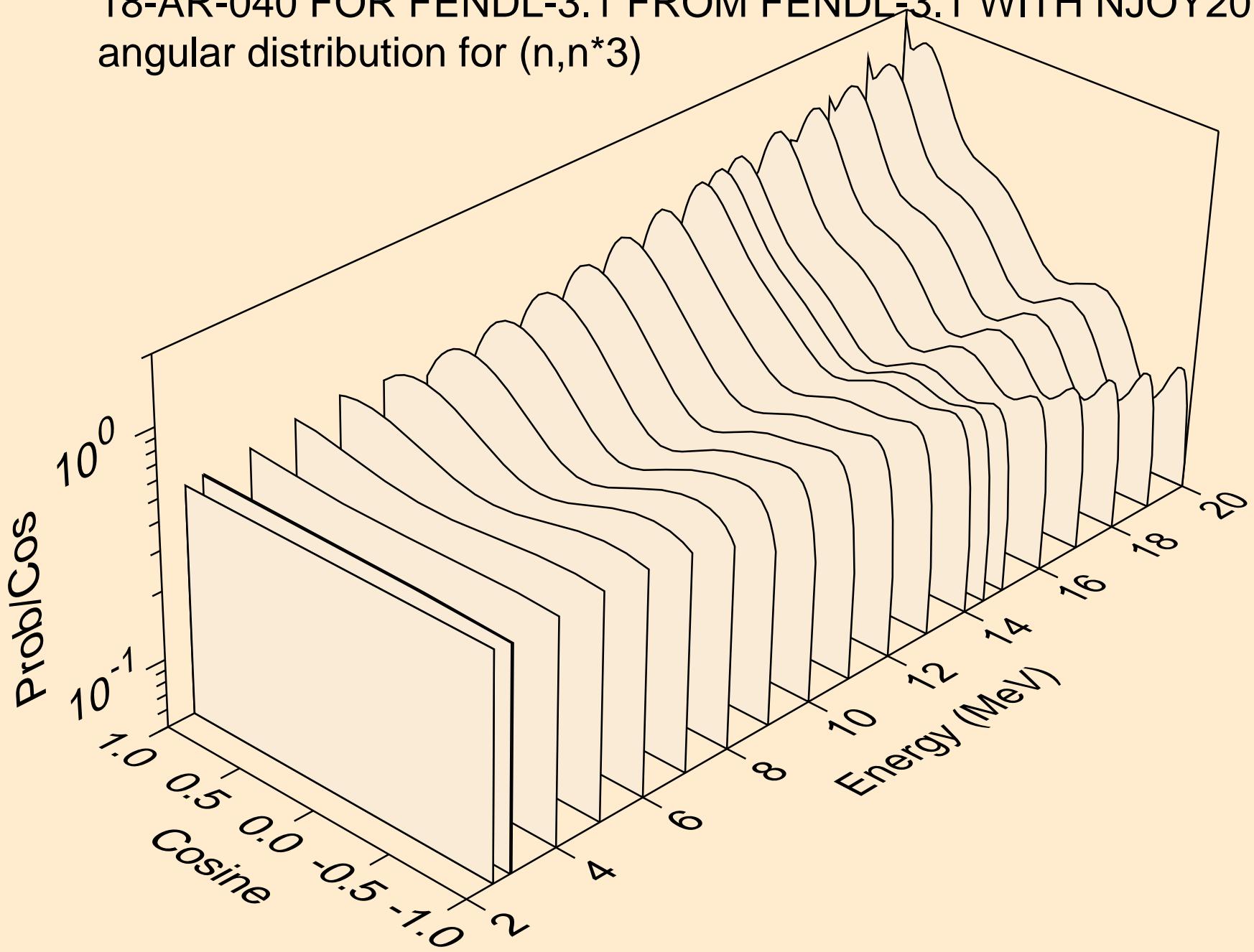
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for ( $n, n^* 1$ )



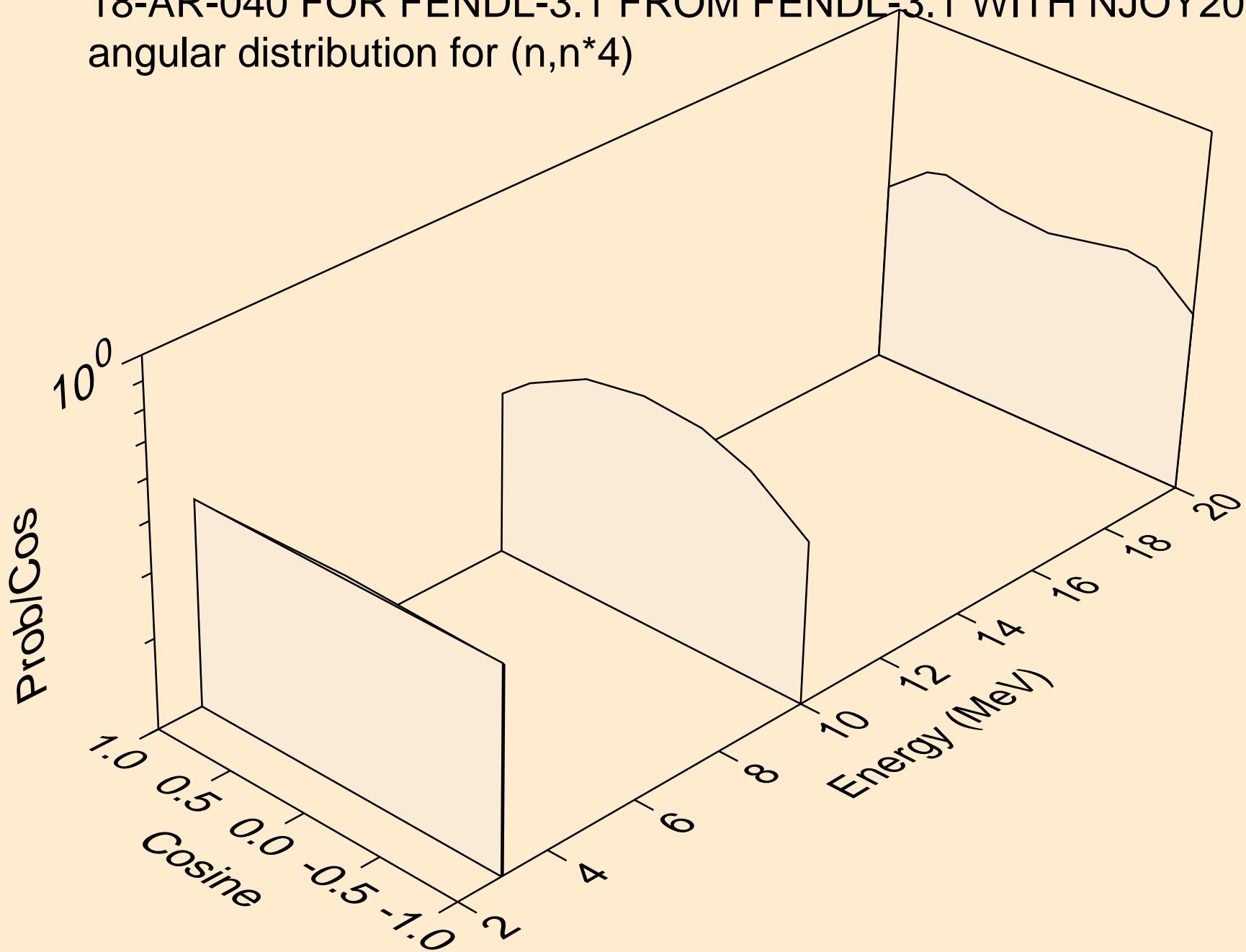
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n, n^*2)$



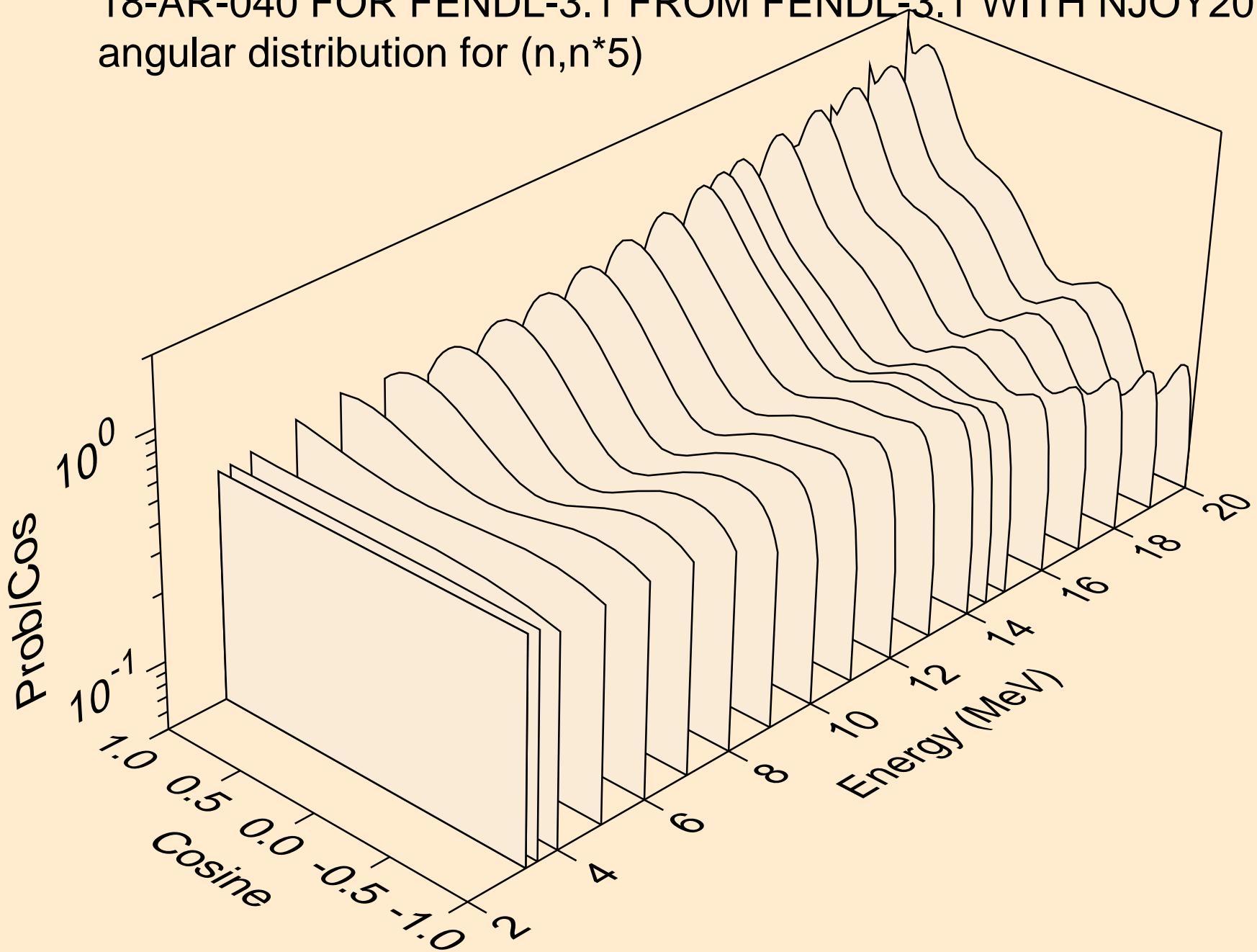
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*3)$



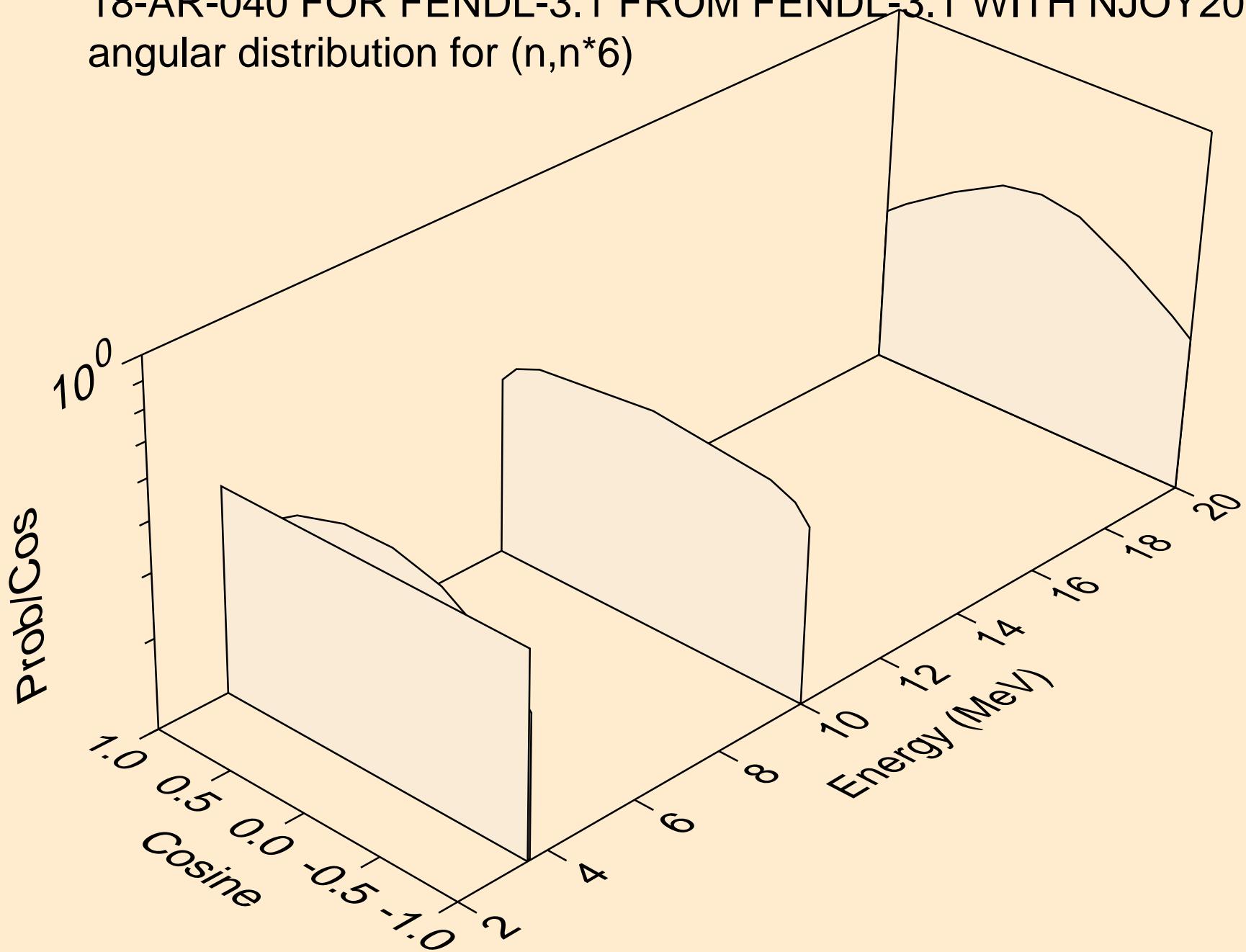
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*4)$



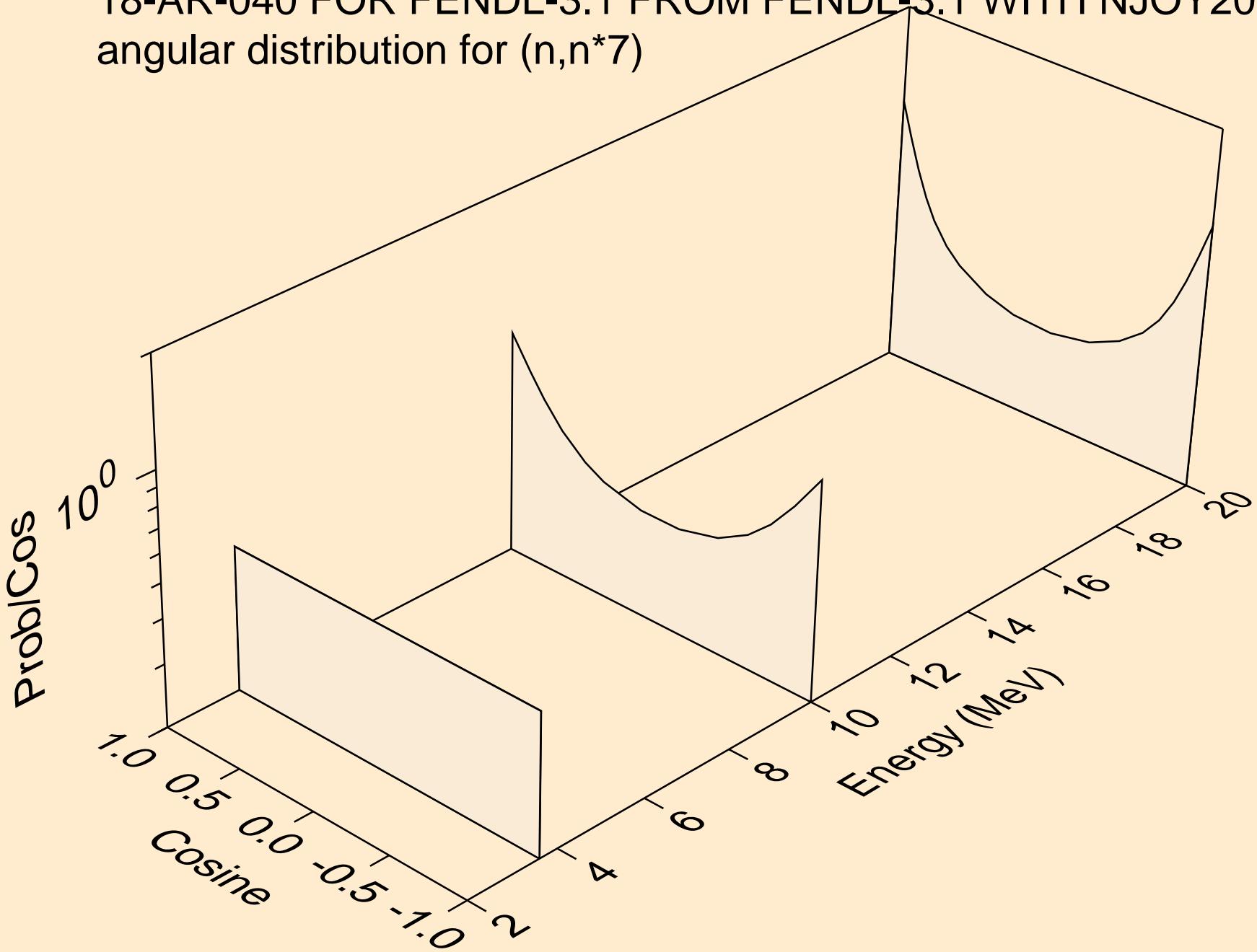
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*)^5$



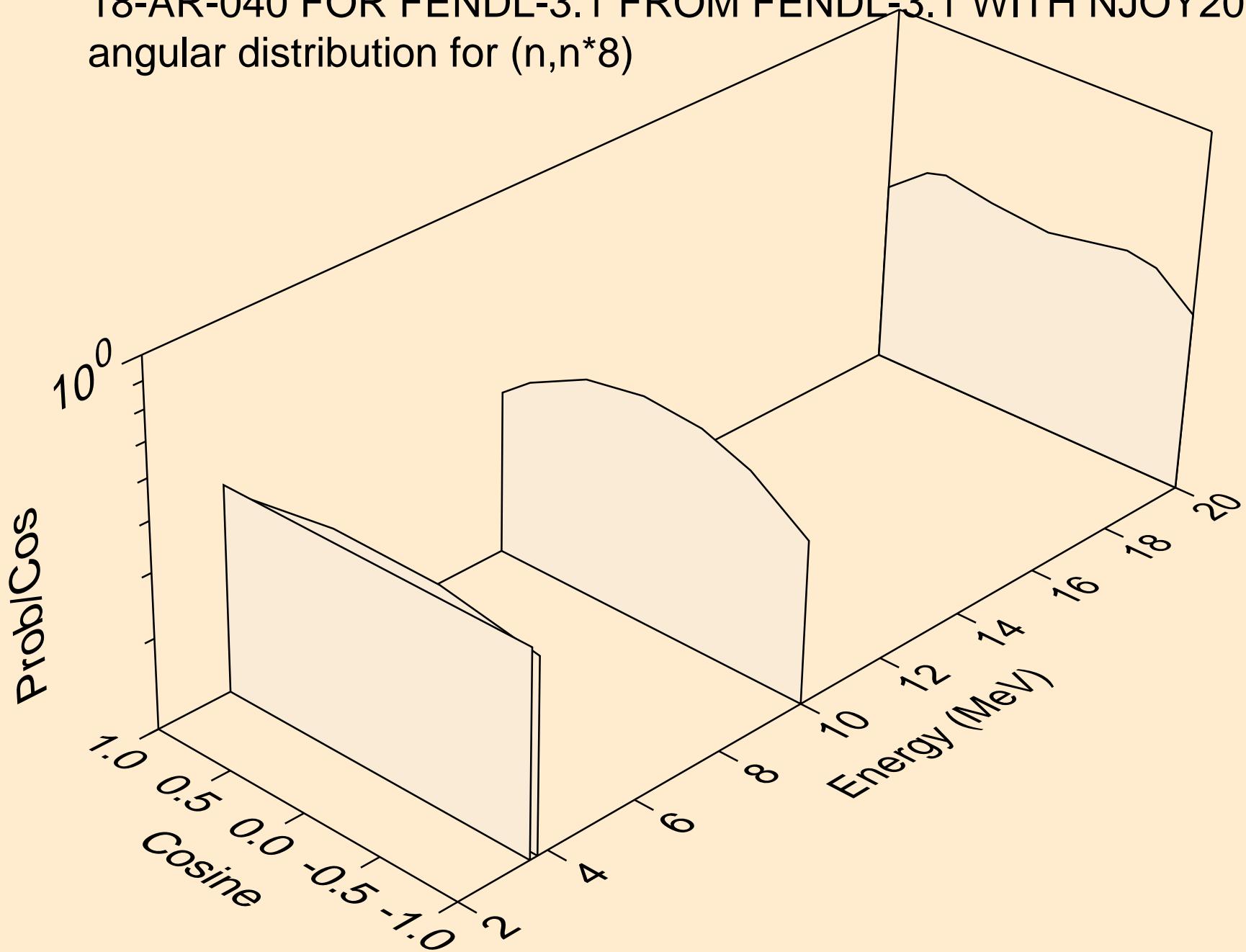
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*6)$



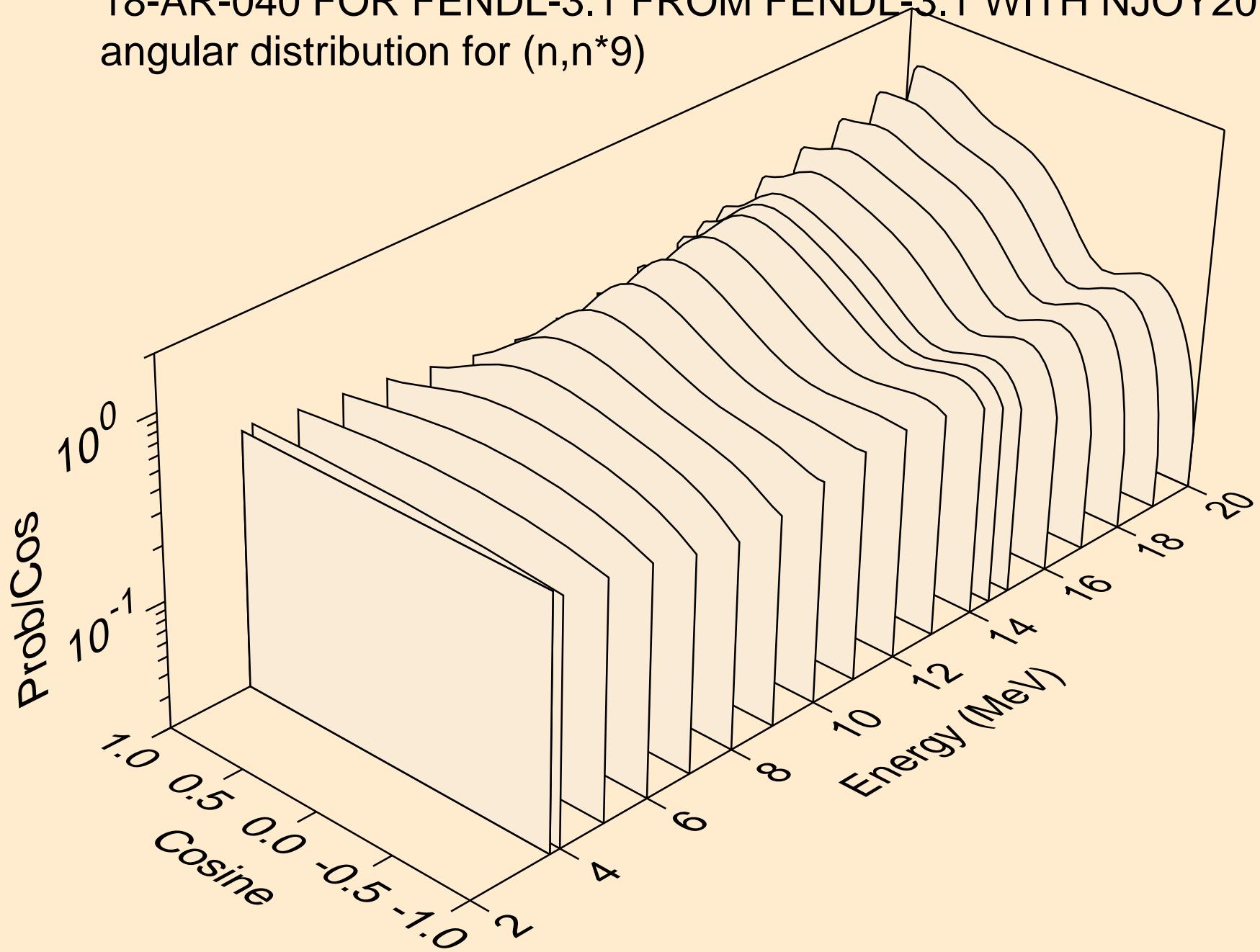
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*7)$



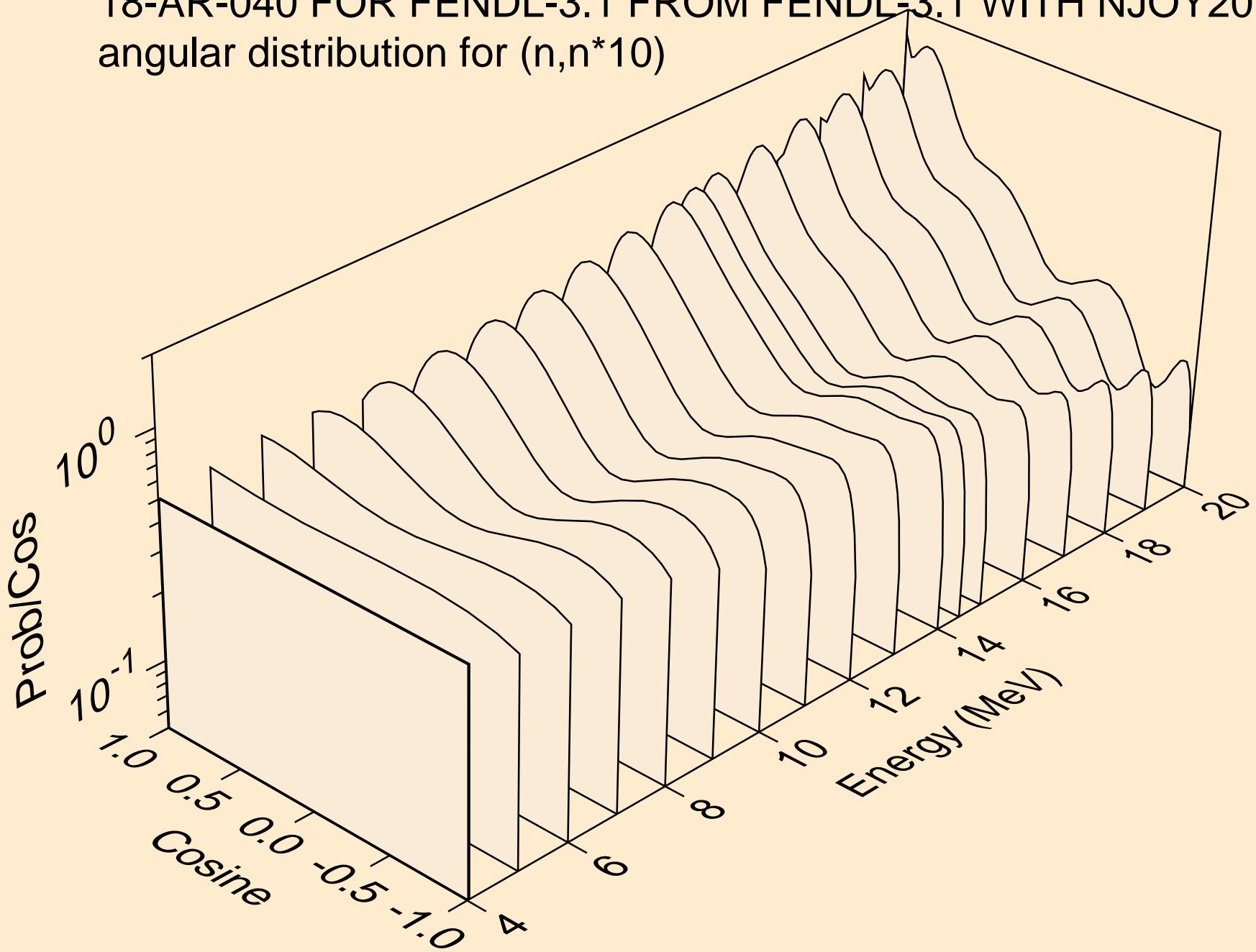
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*)8$



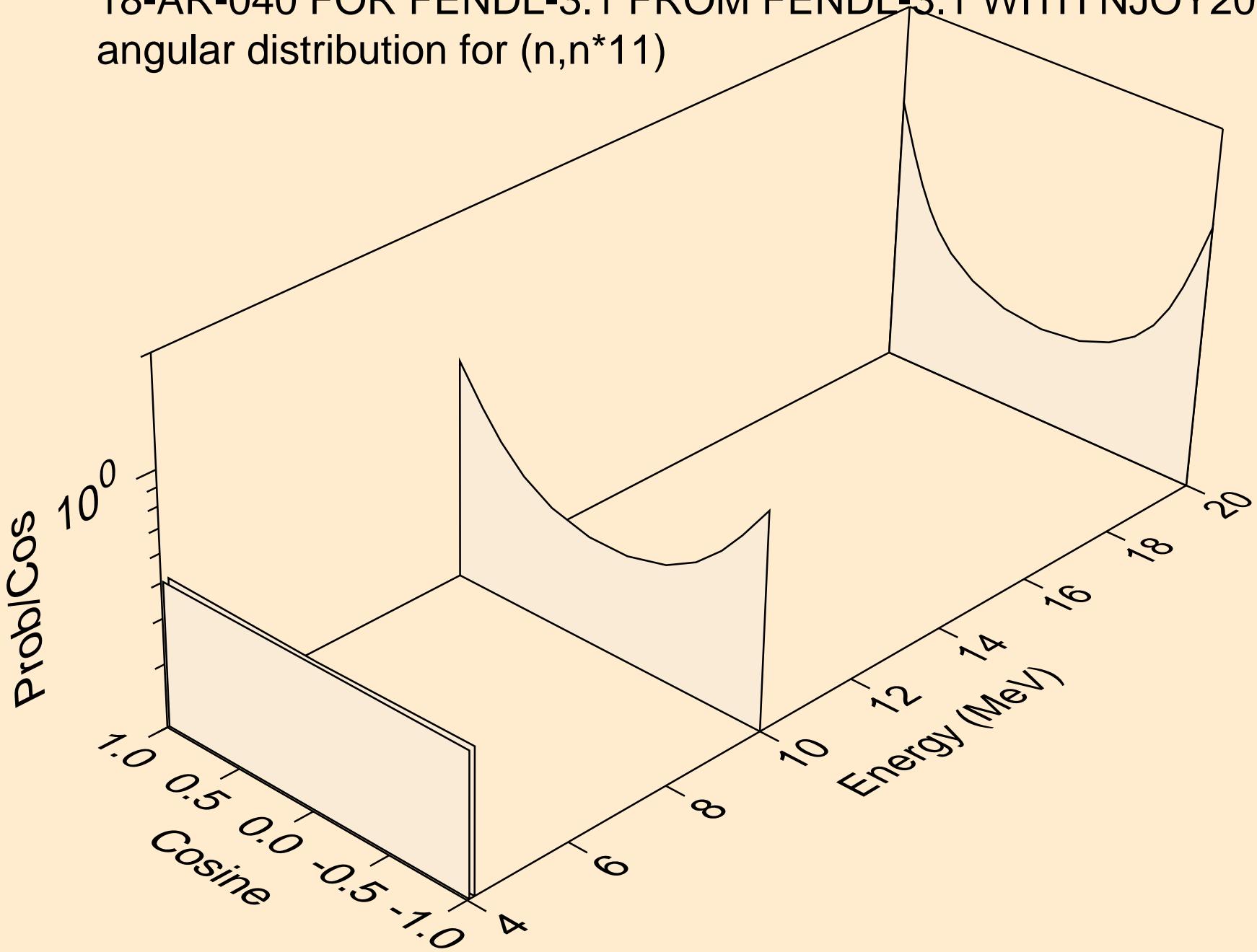
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*)9$



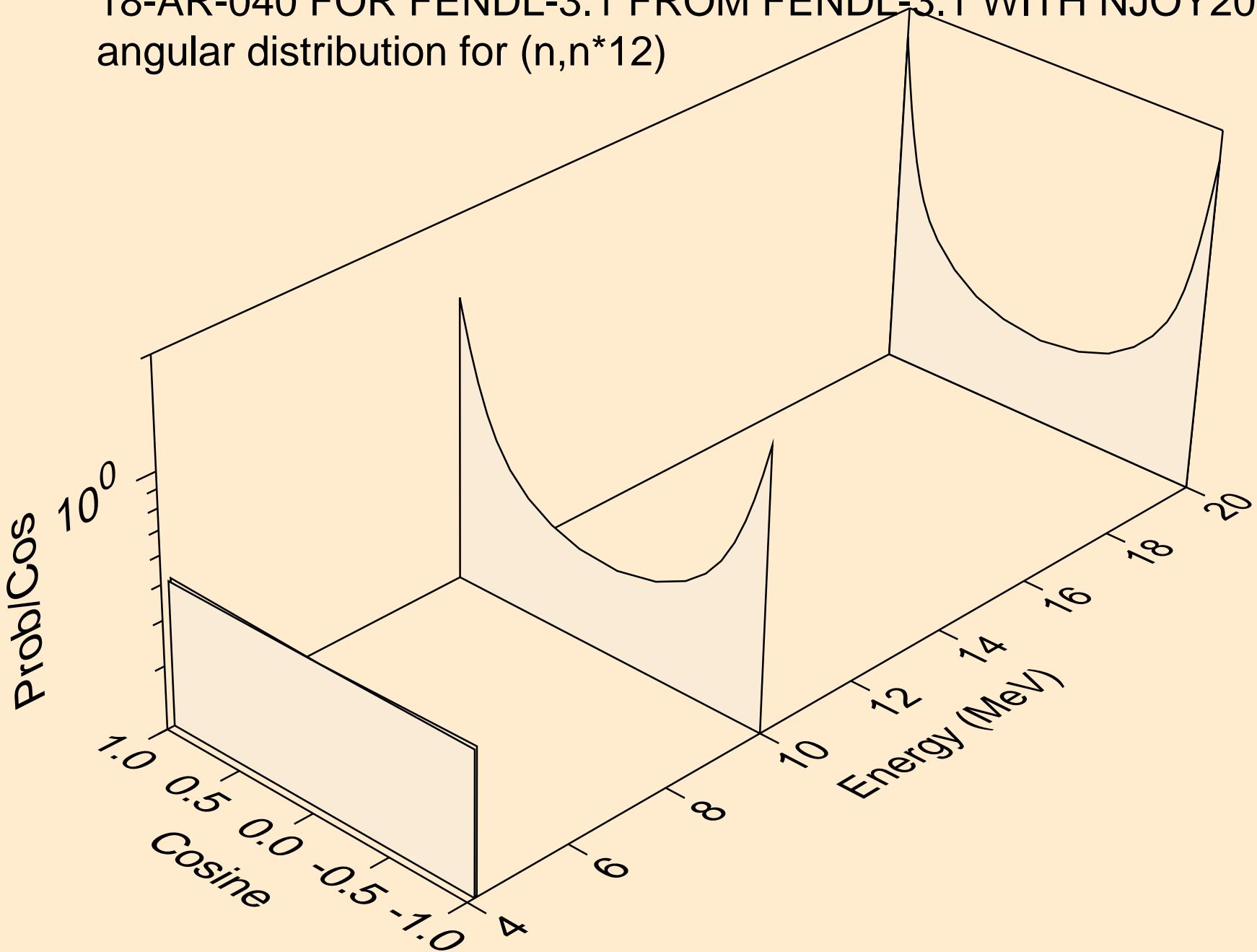
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*10)$



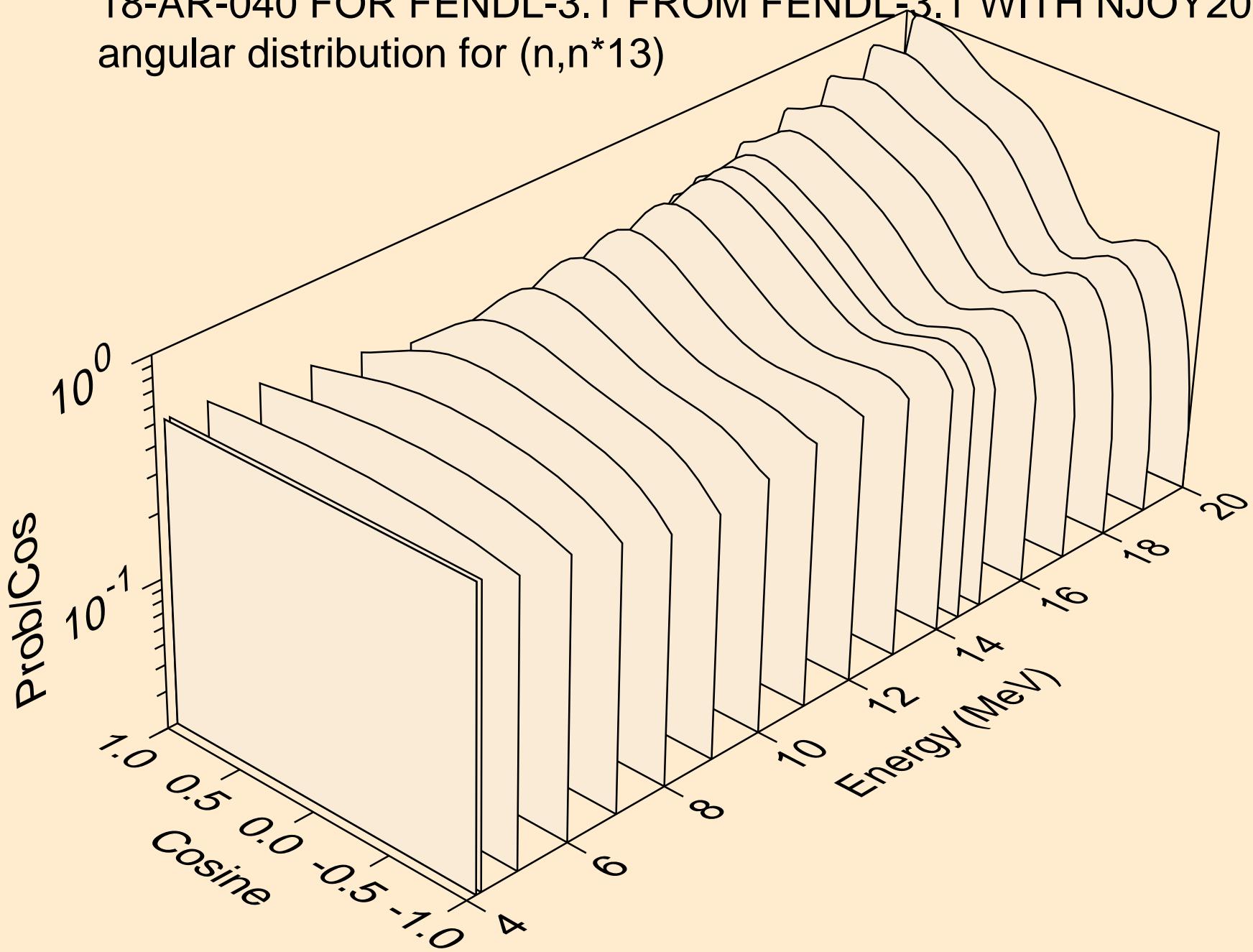
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n, n^* 11)$



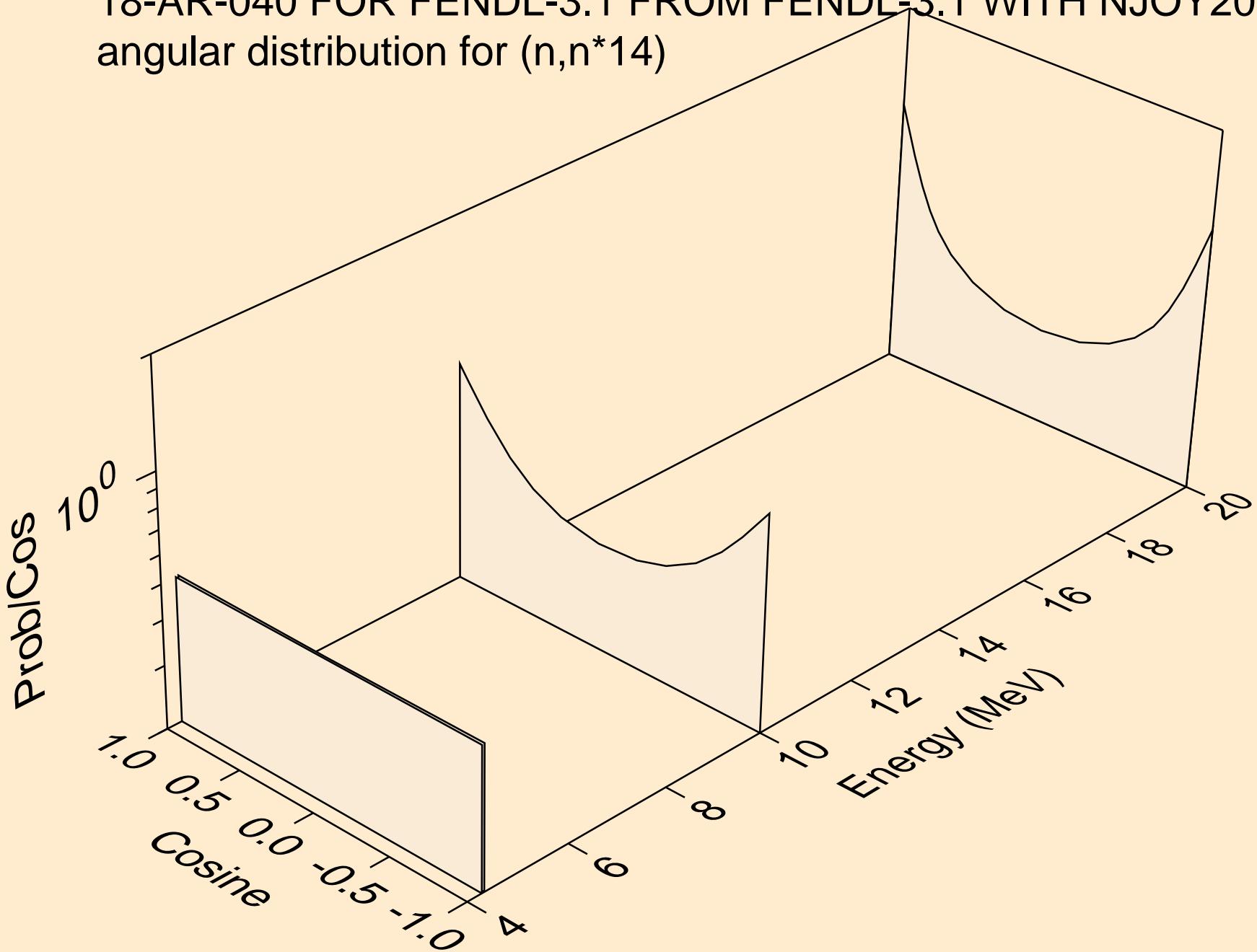
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*12)$



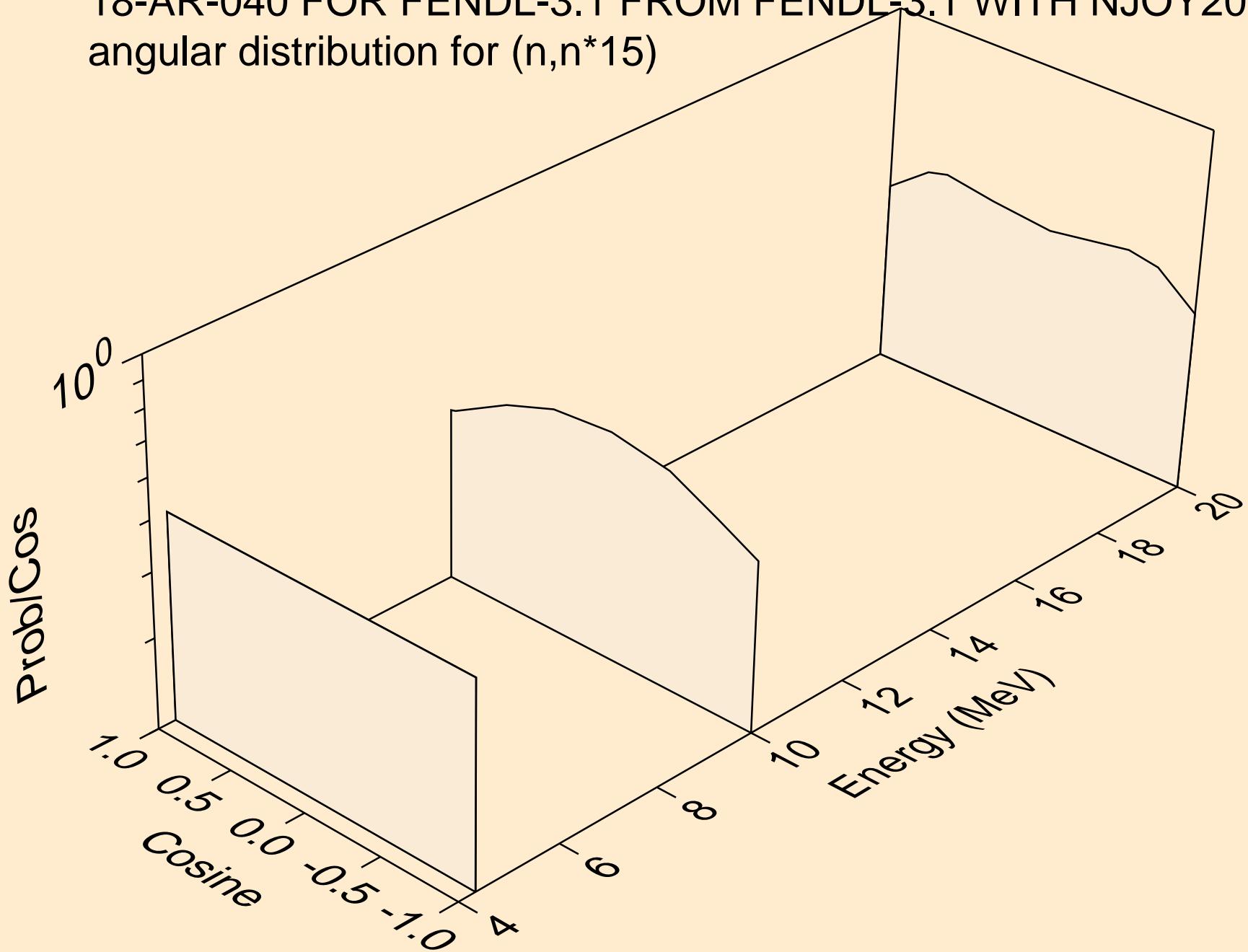
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*13)$



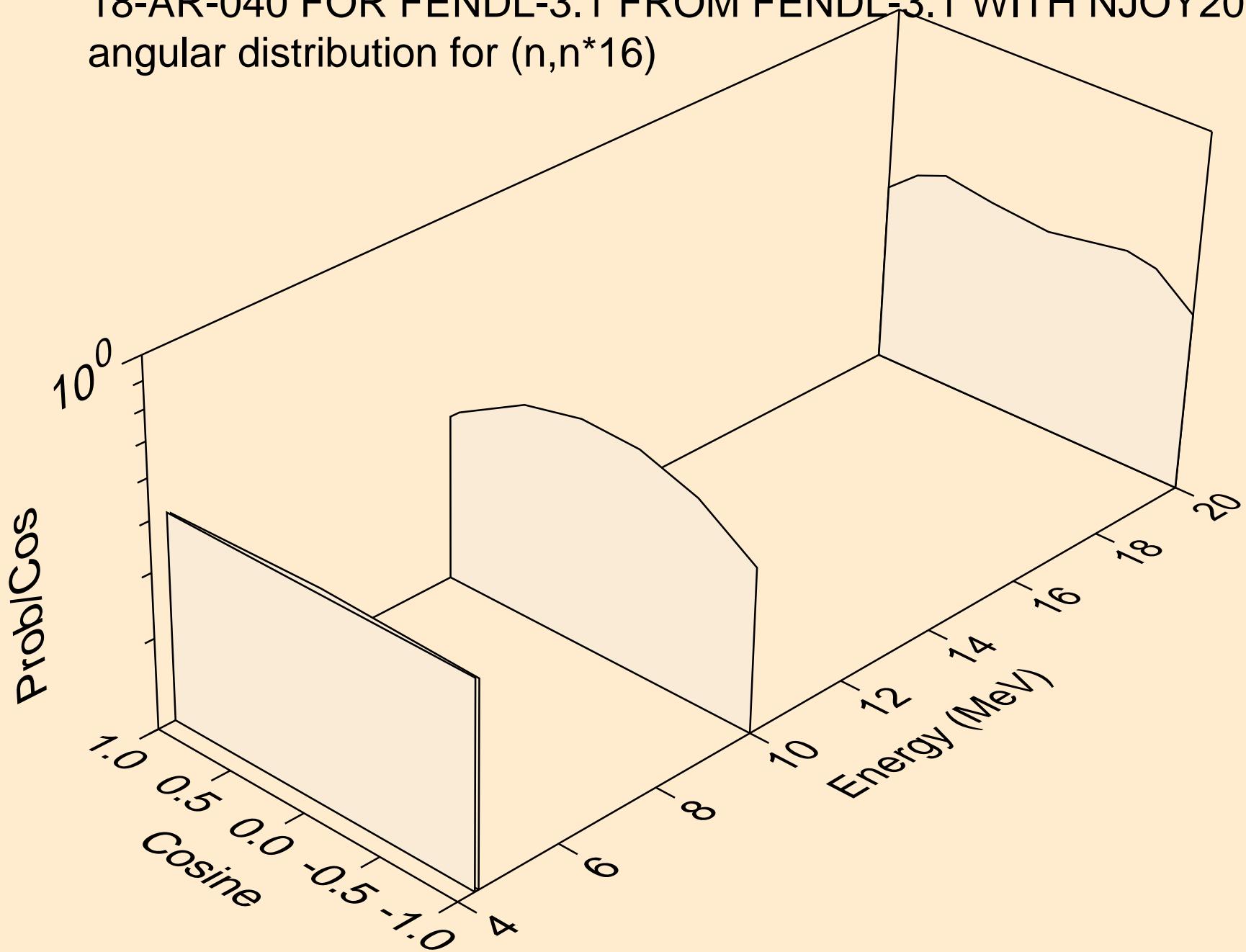
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for ( $n, n^* 14$ )



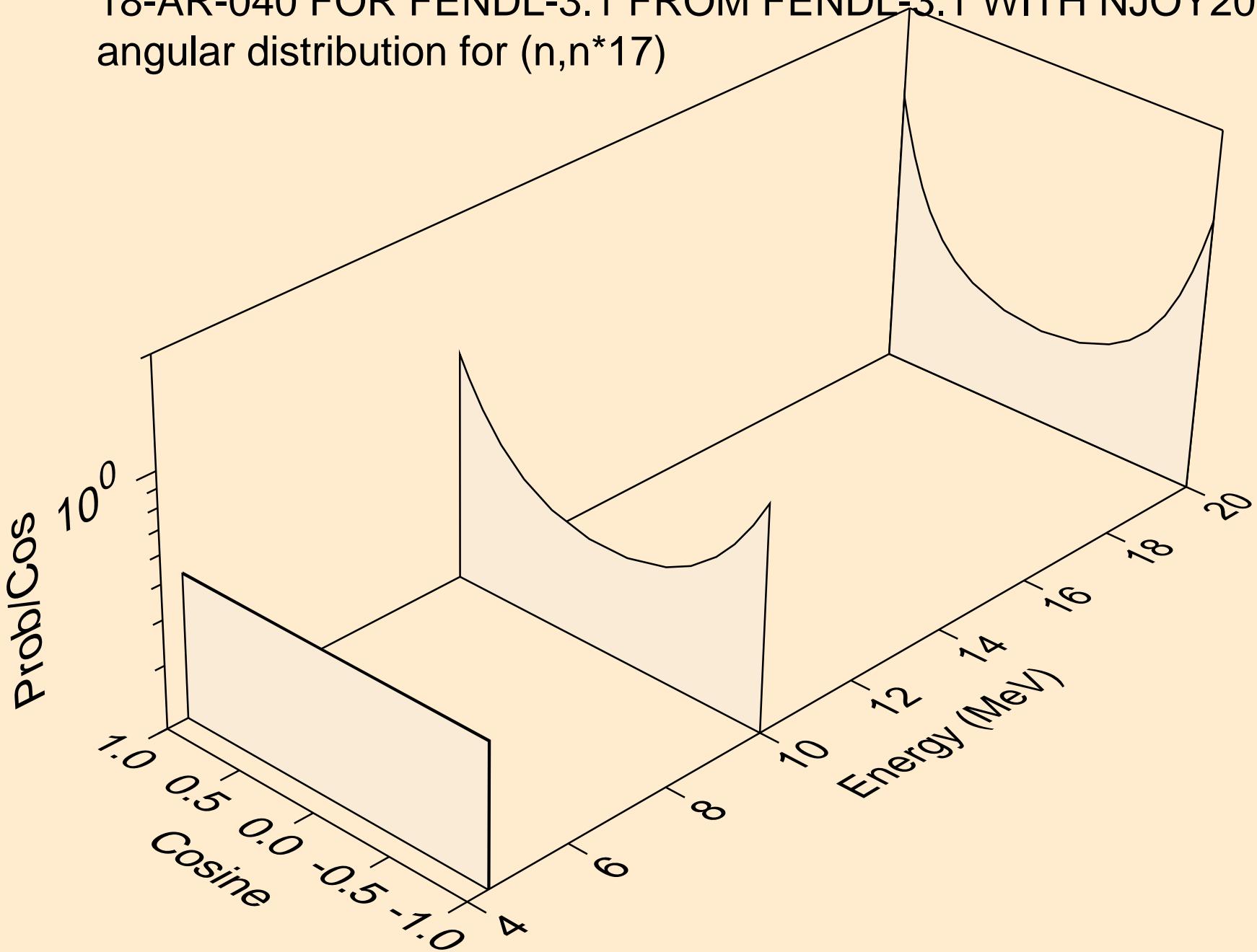
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*15)



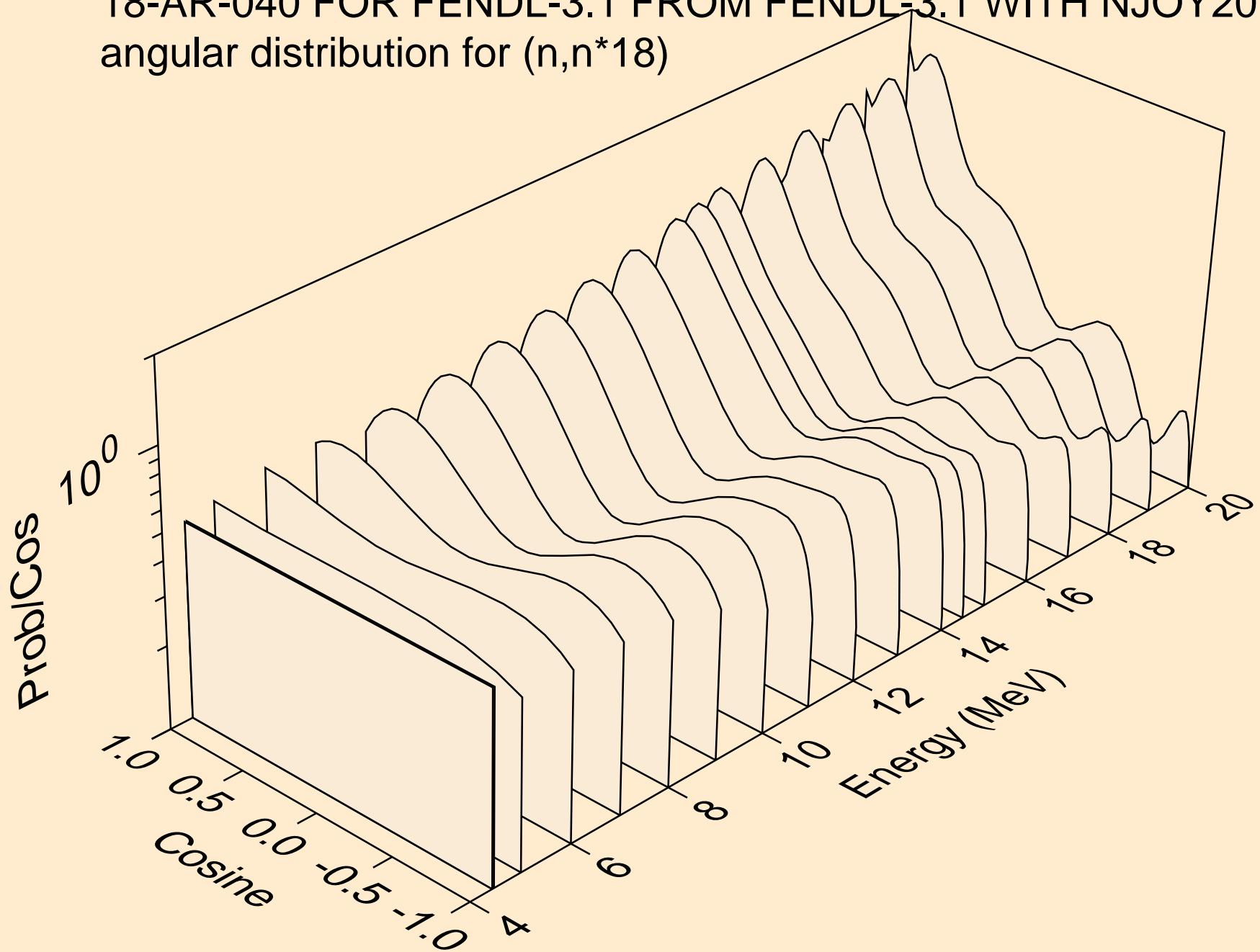
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*16)$



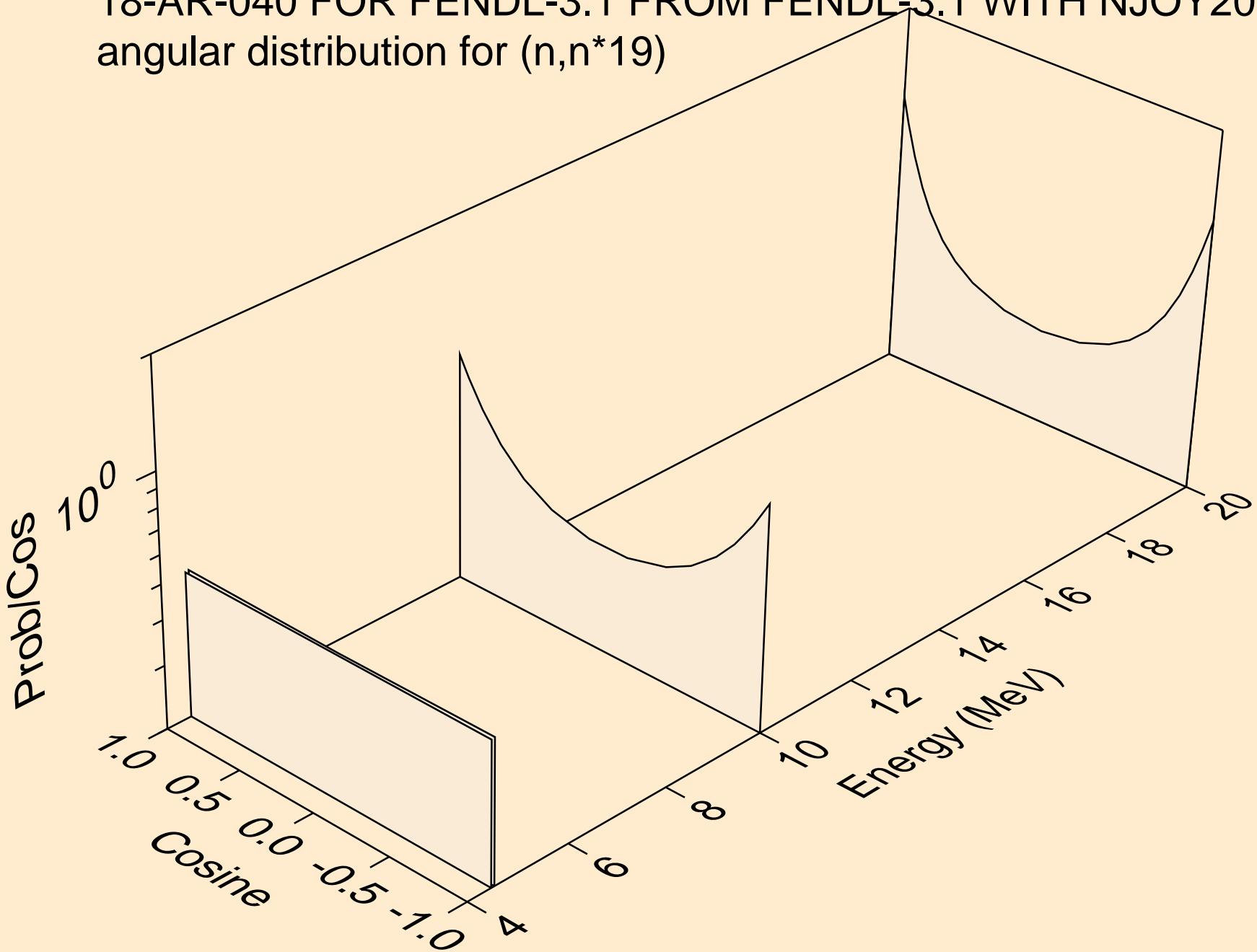
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*17)$



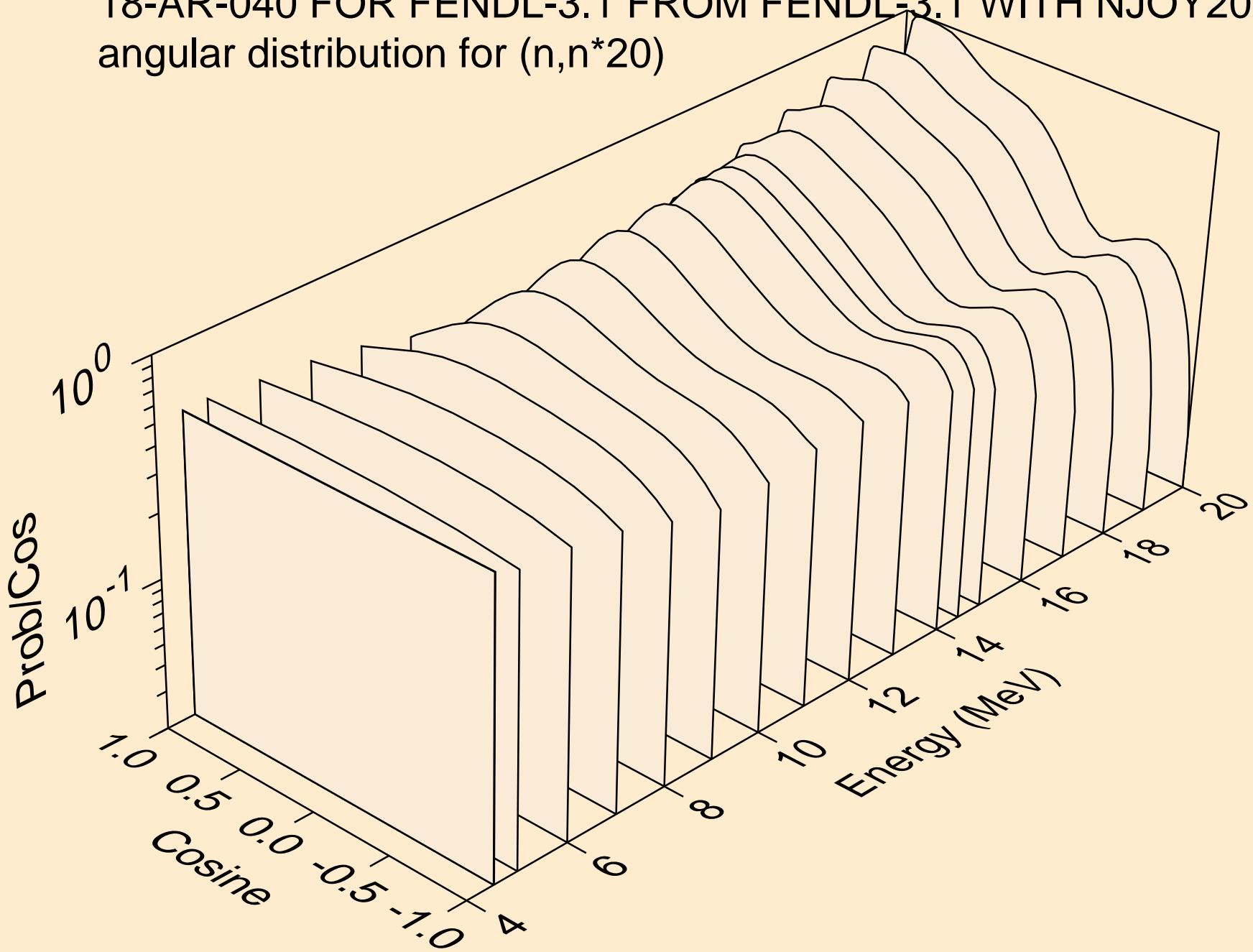
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*18)$



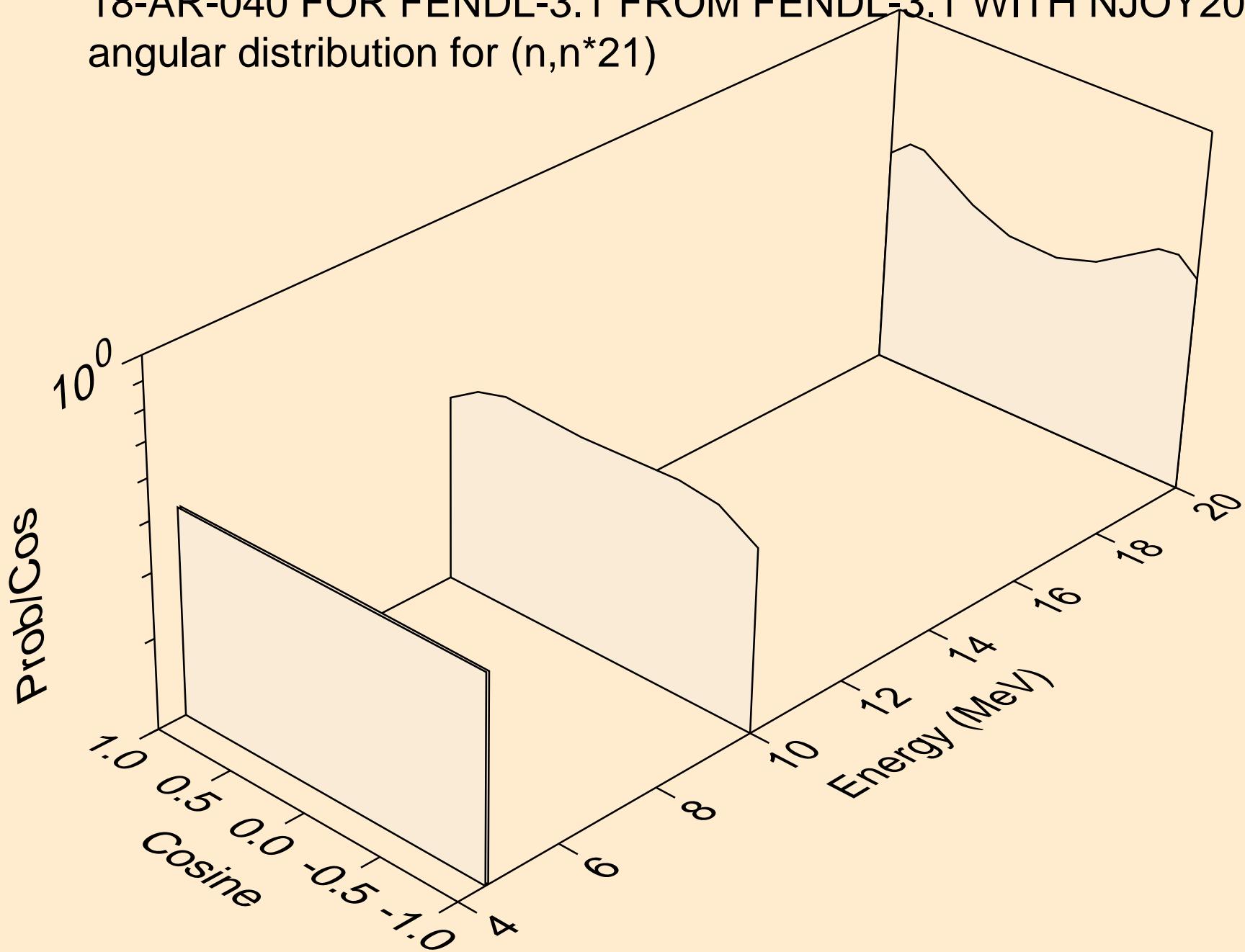
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*19)$



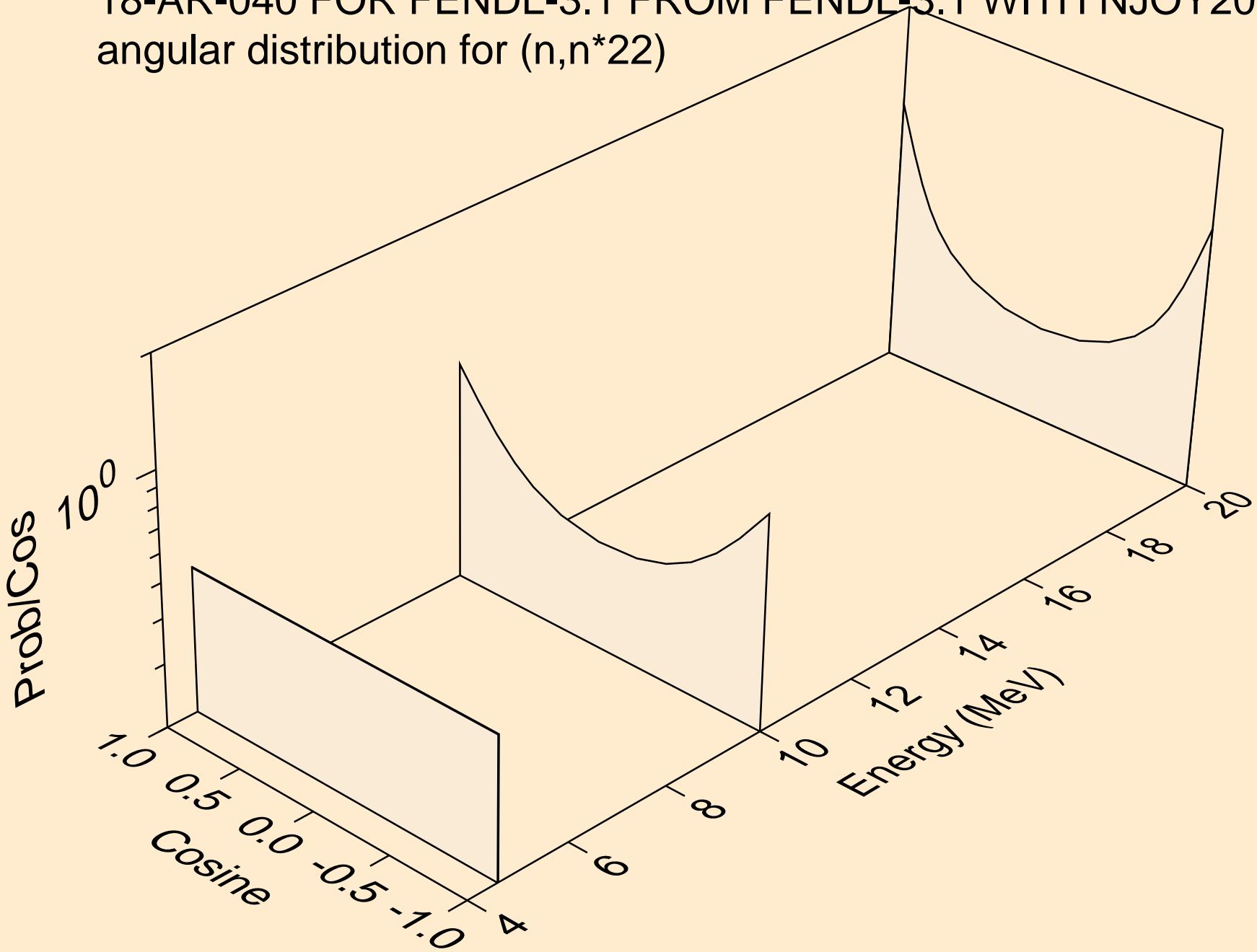
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*)20$



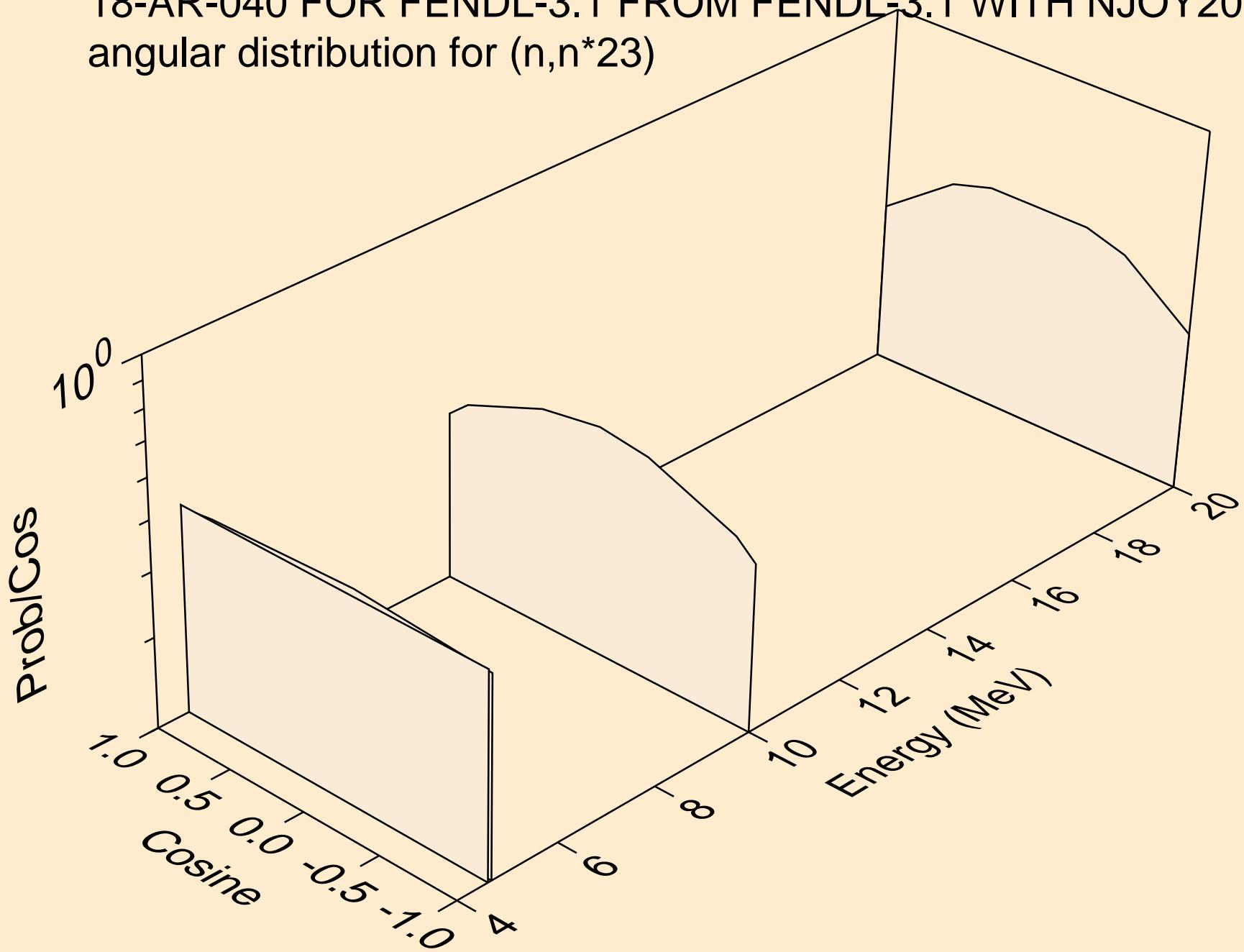
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for ( $n, n^* 21$ )



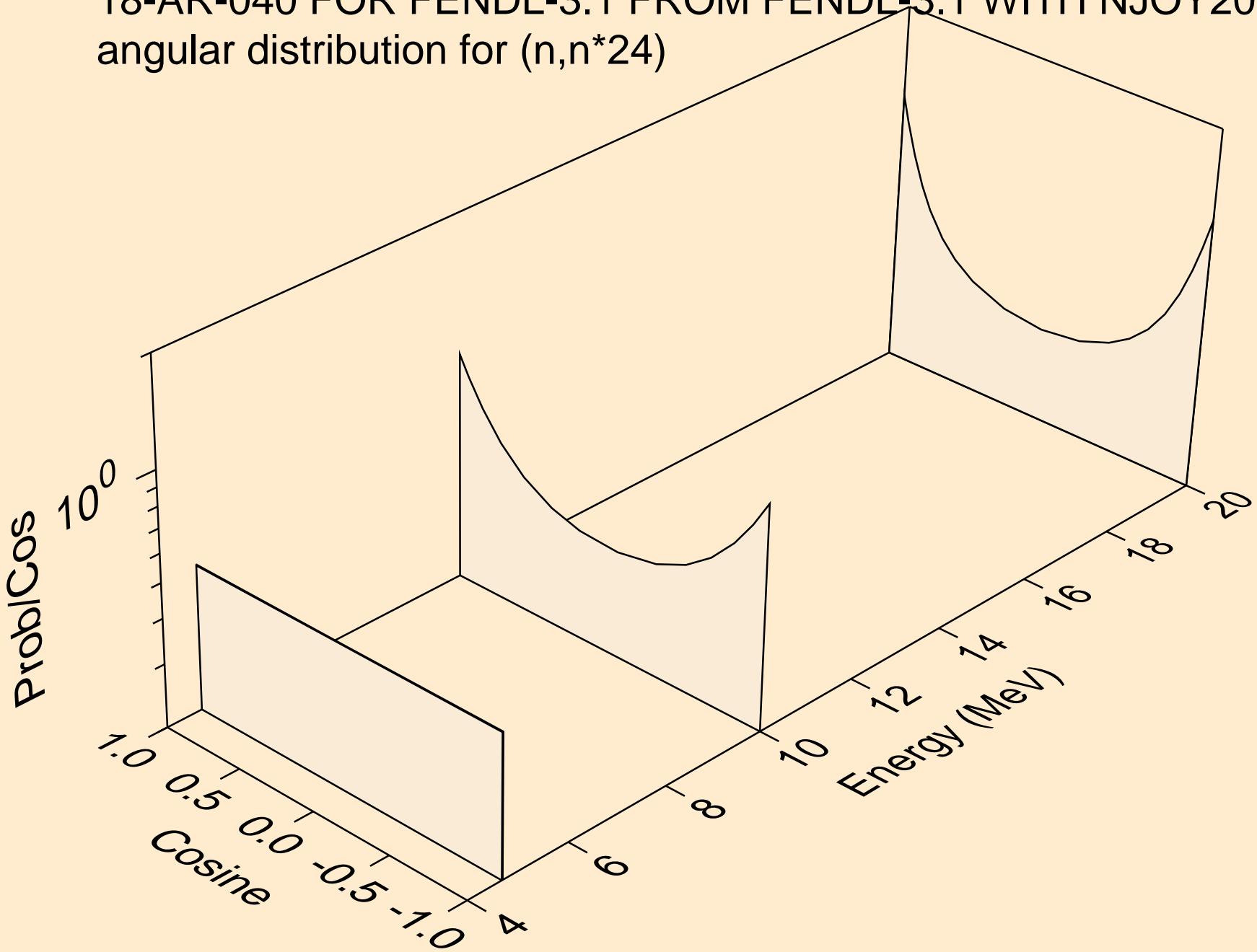
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n,n^*)^{22}$



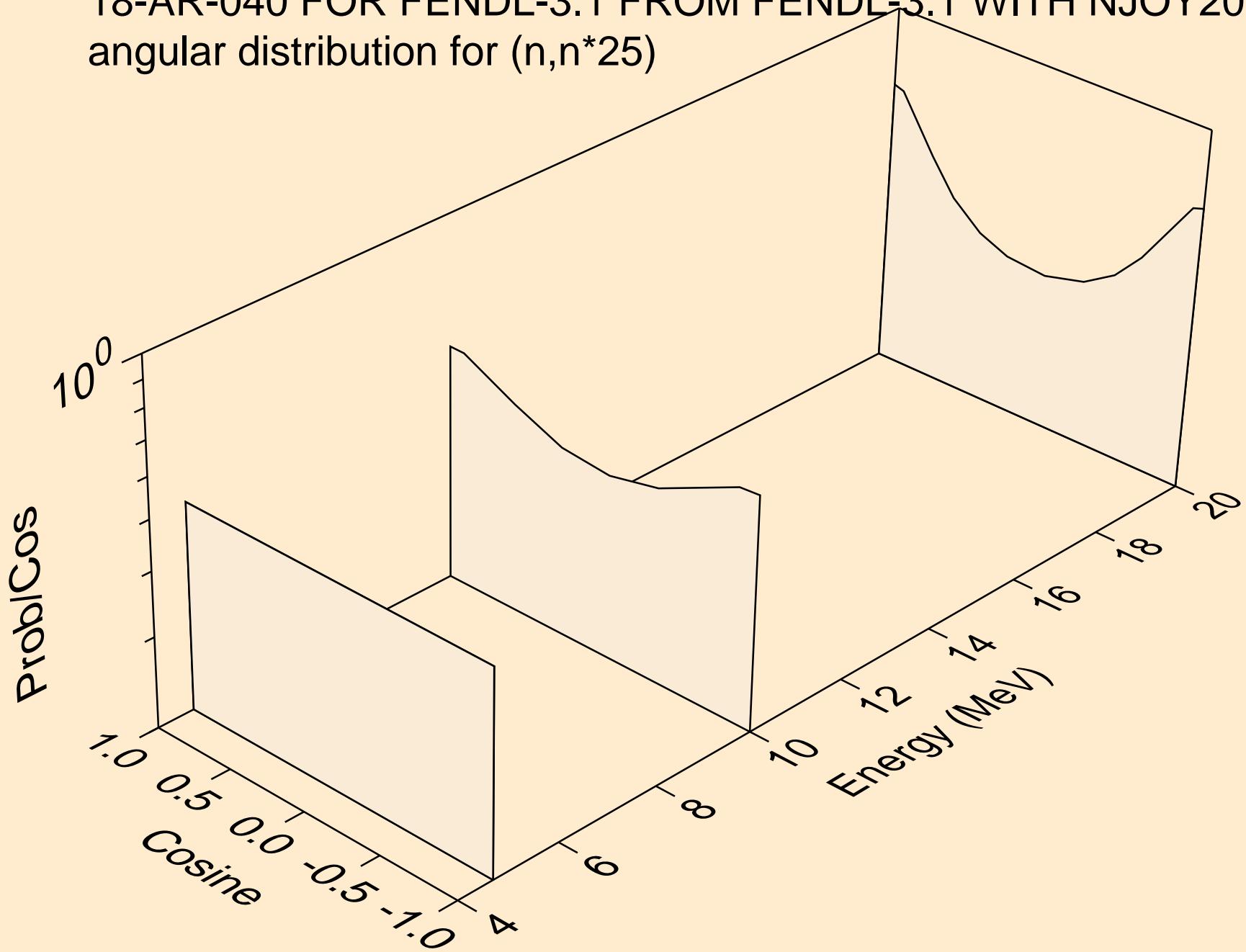
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for ( $n, n^* 23$ )



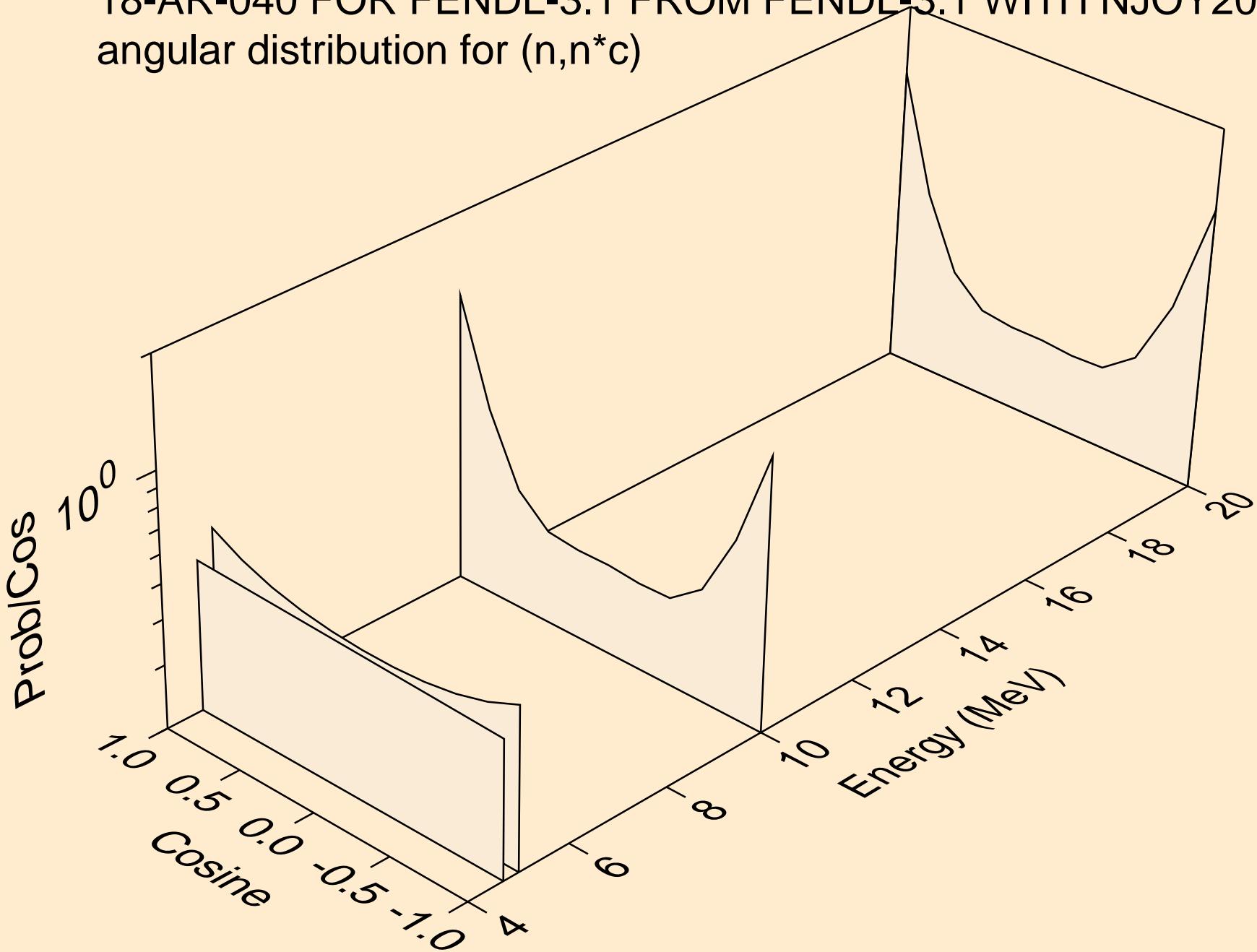
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for ( $n, n^* 24$ )



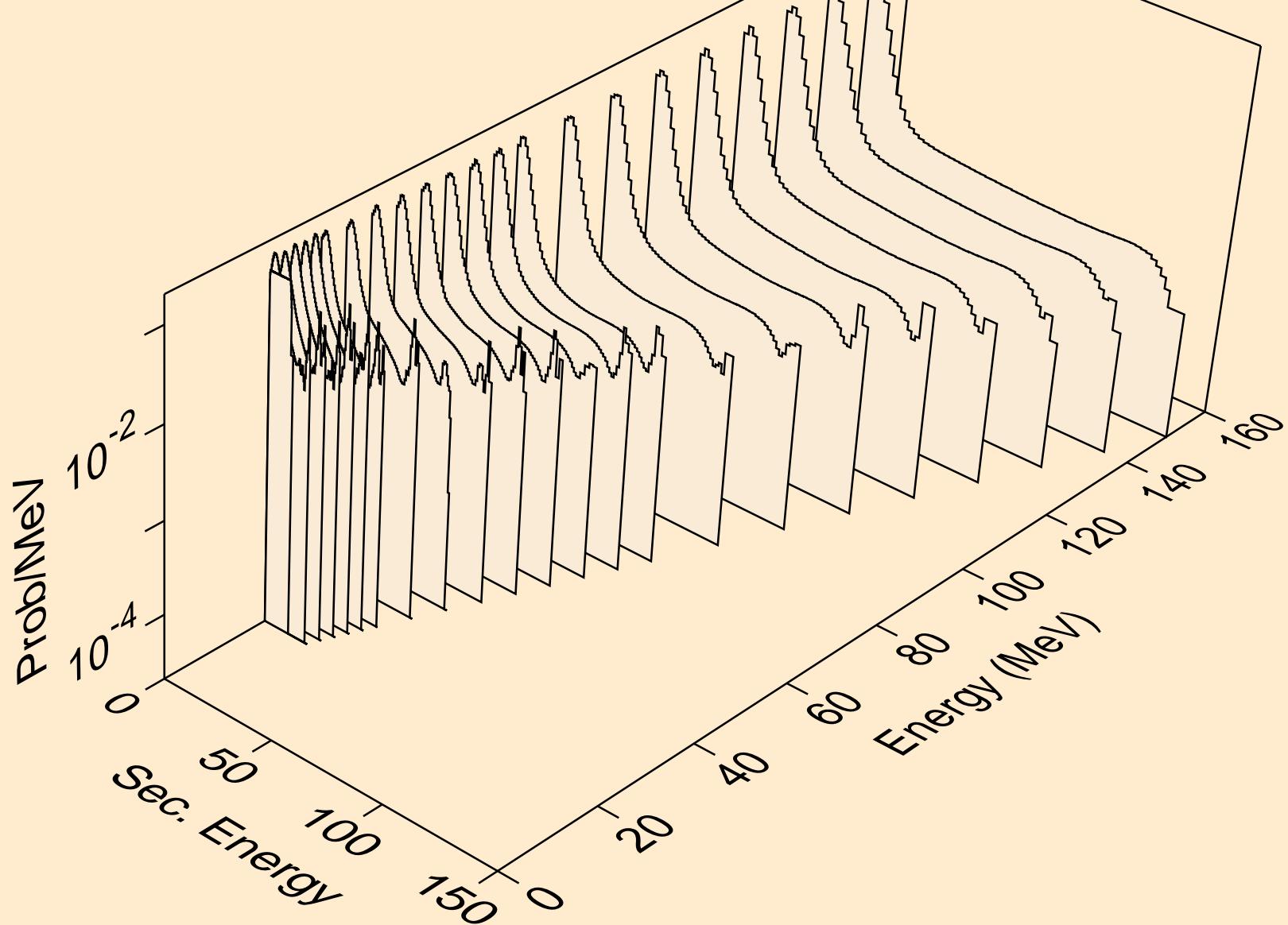
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for ( $n, n^* 25$ )



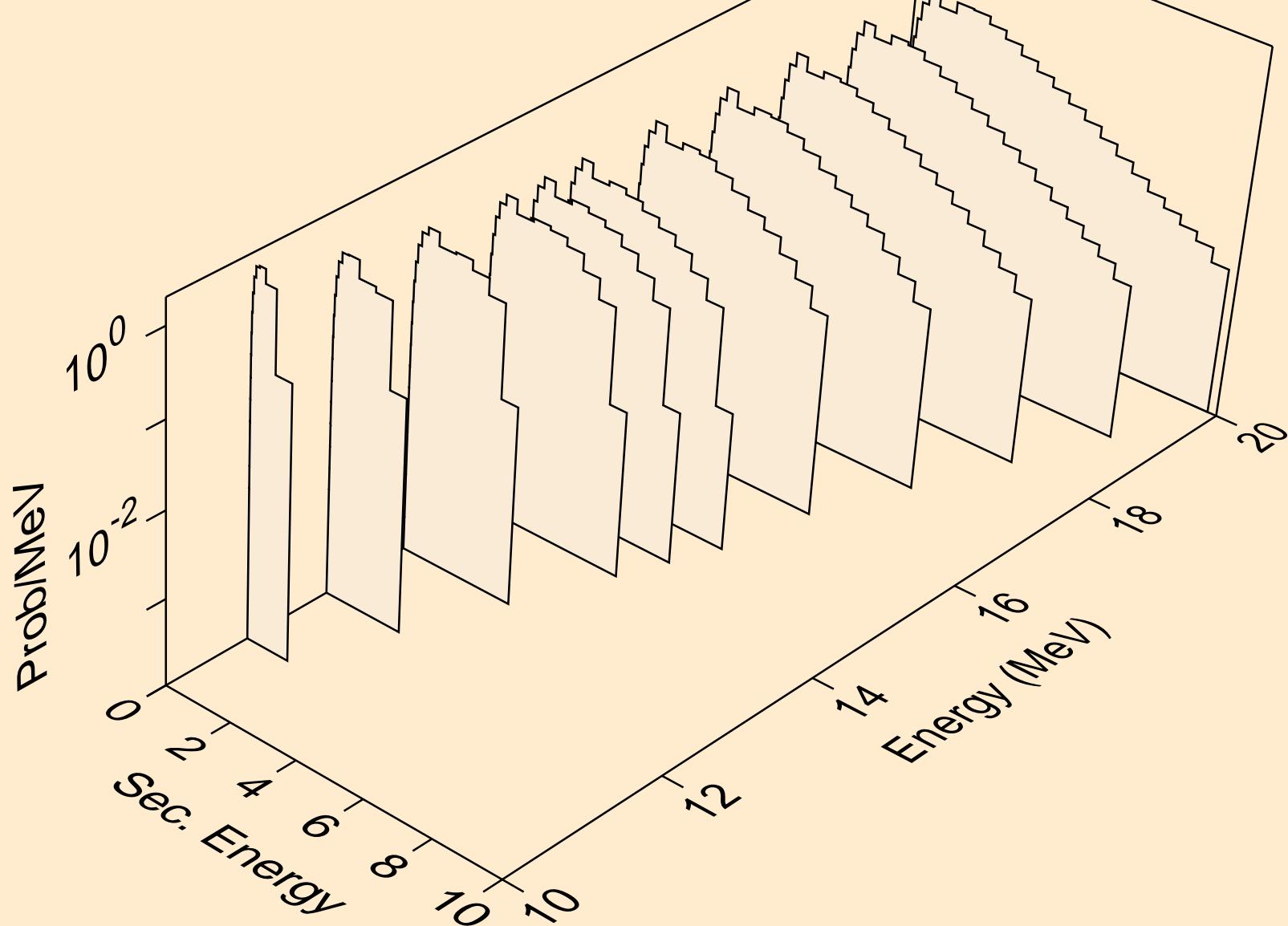
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for  $(n, n^*c)$



18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,x)

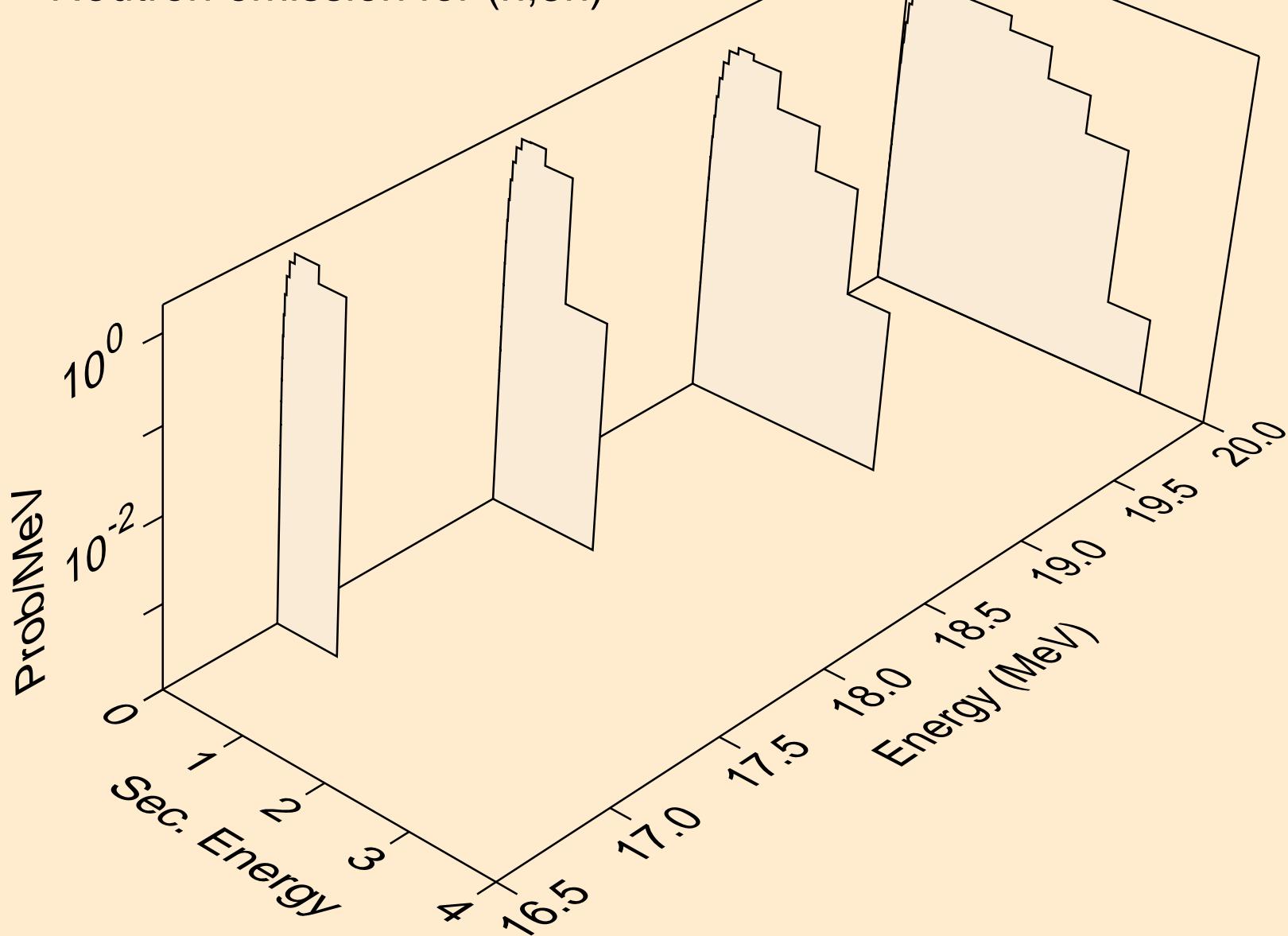


18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,2n)

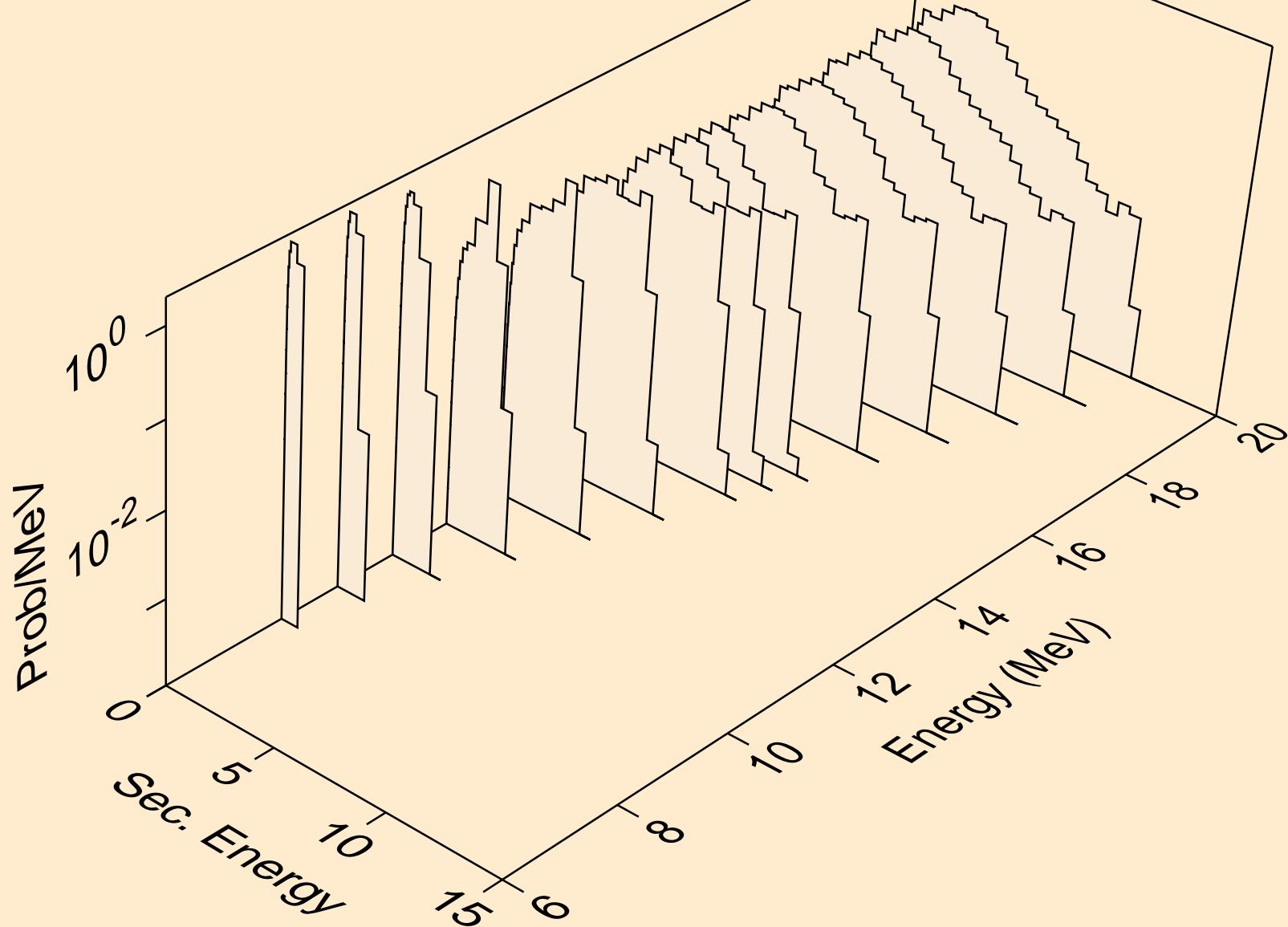


# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

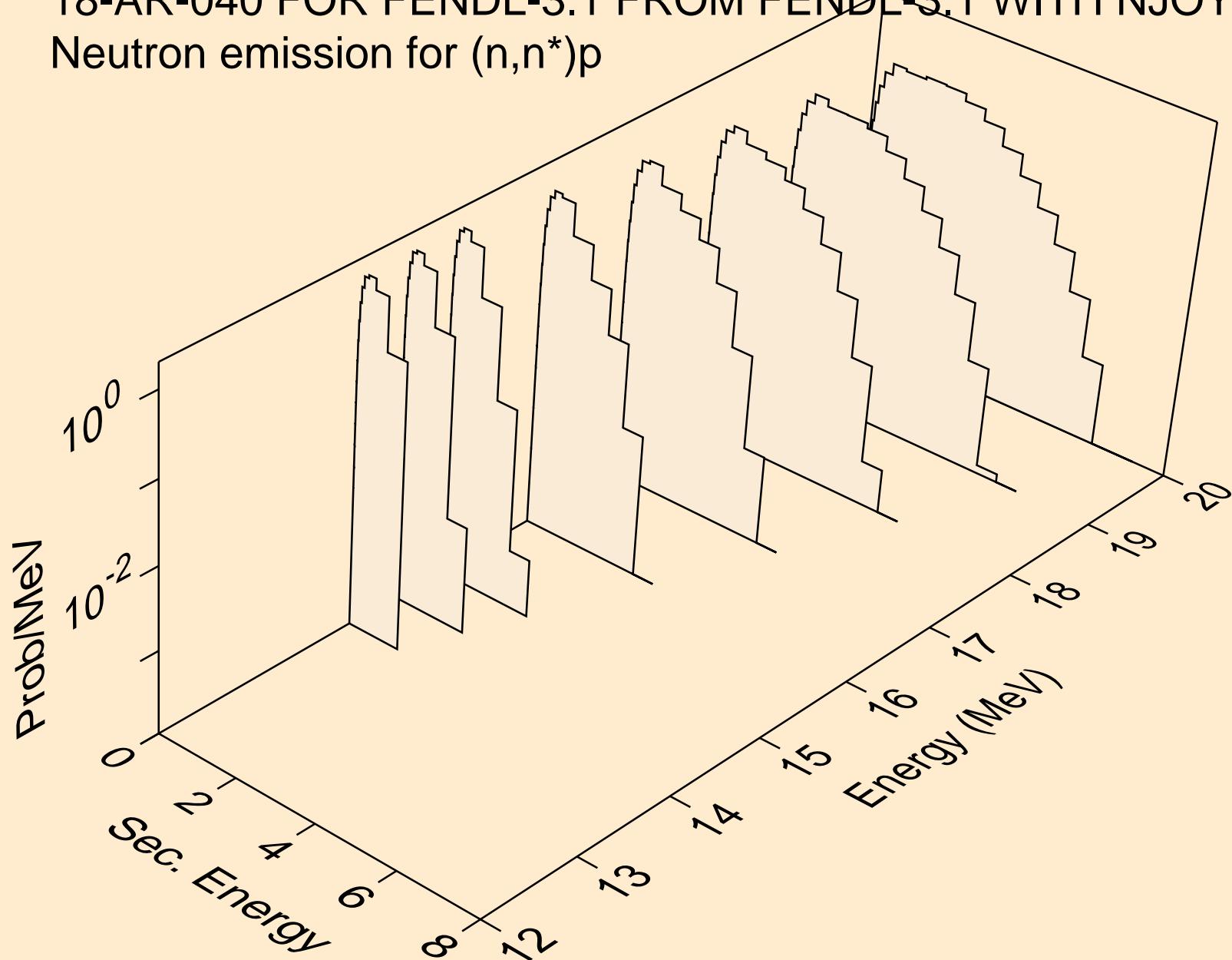
## Neutron emission for (n,3n)



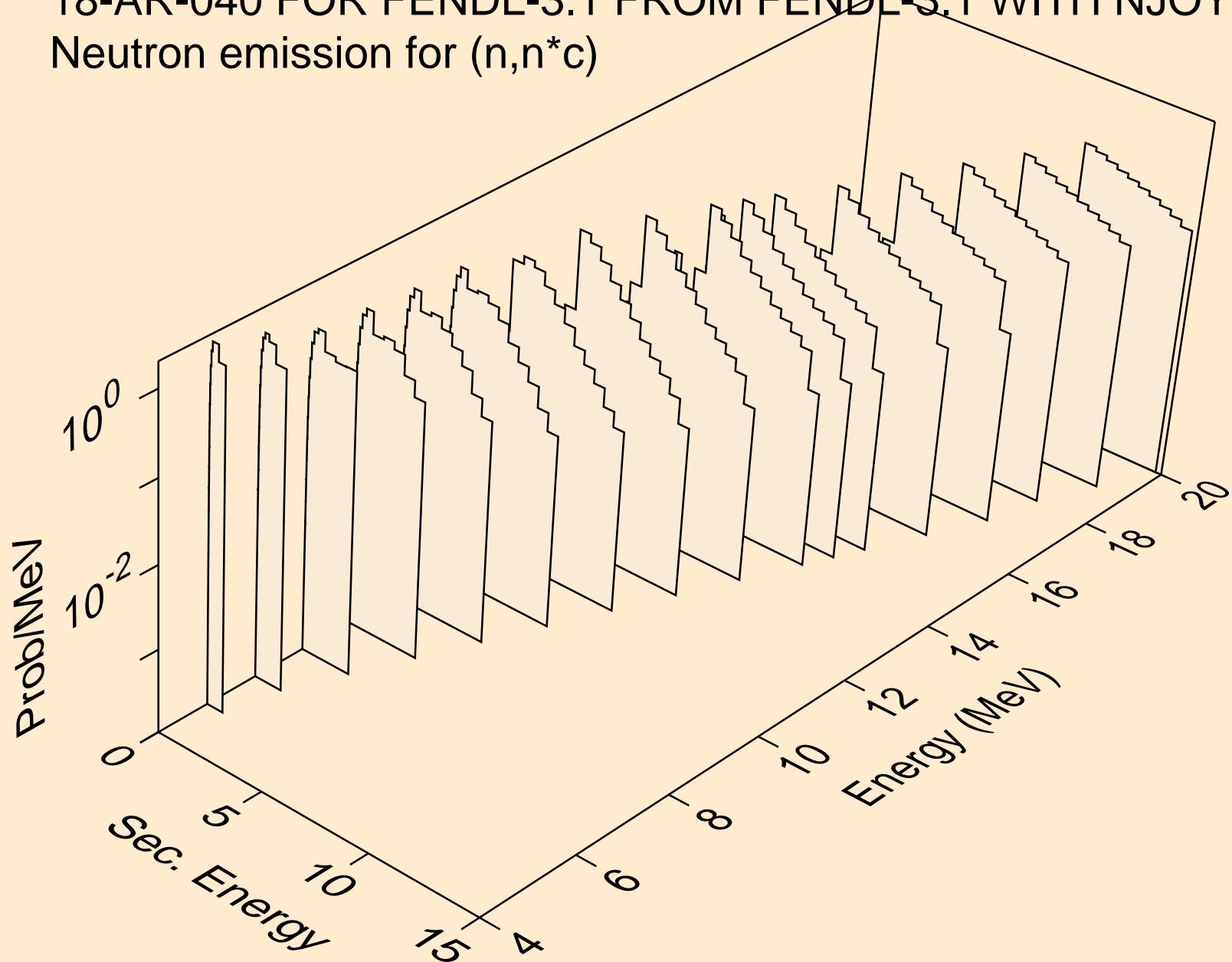
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for  $(n,n^*)a$



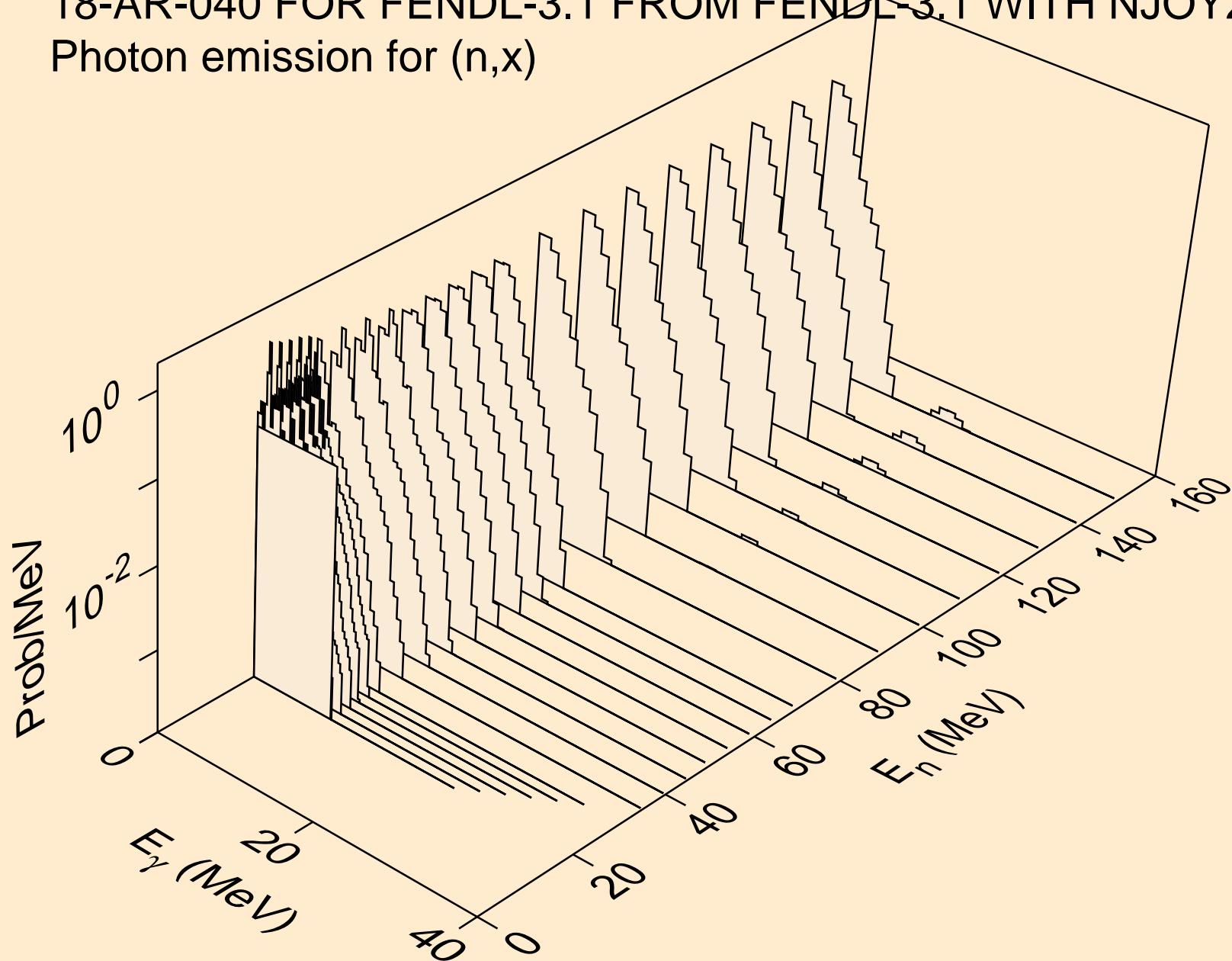
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for  $(n,n^*)p$



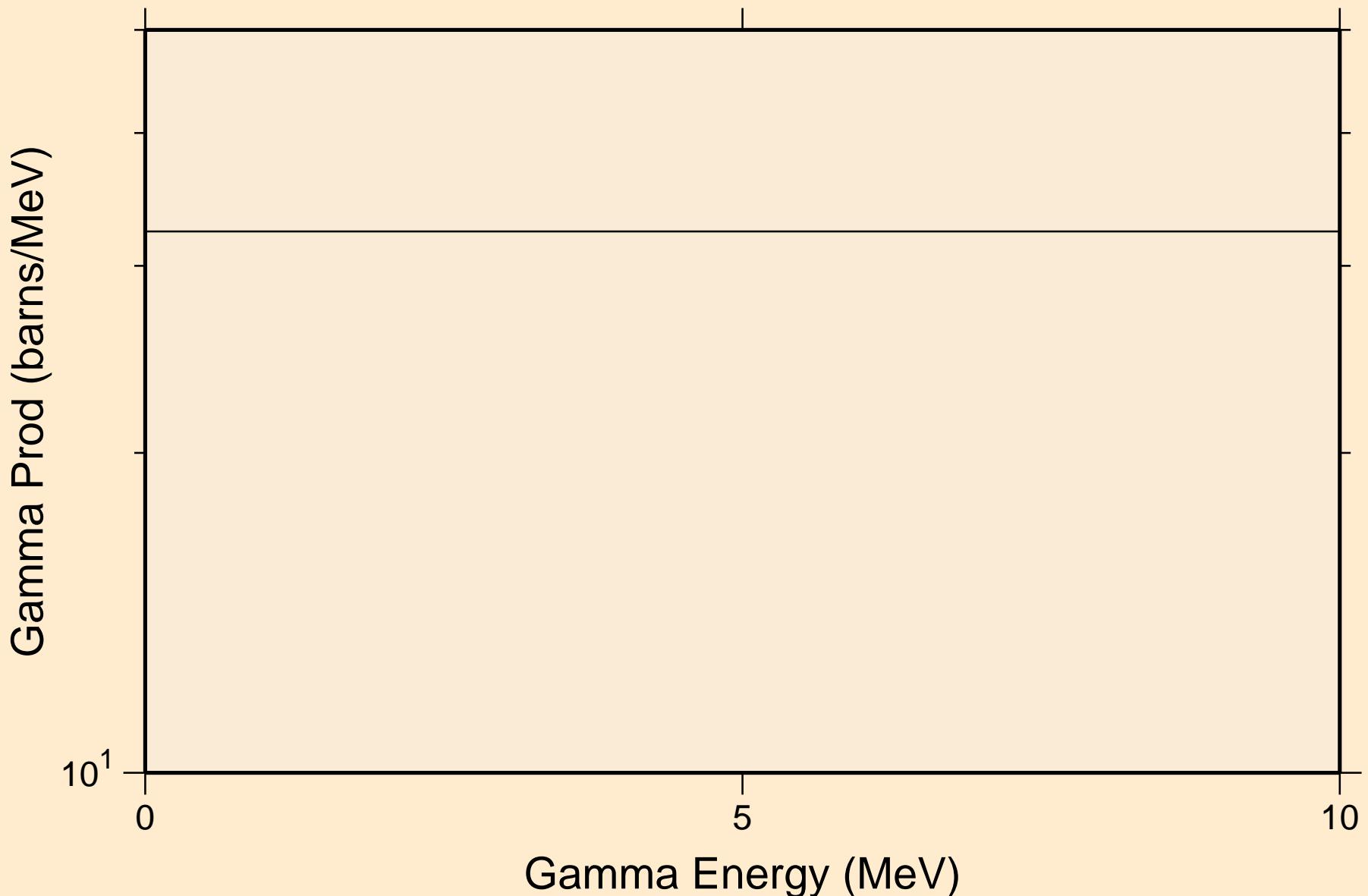
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for  $(n, n^* c)$



18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,x)

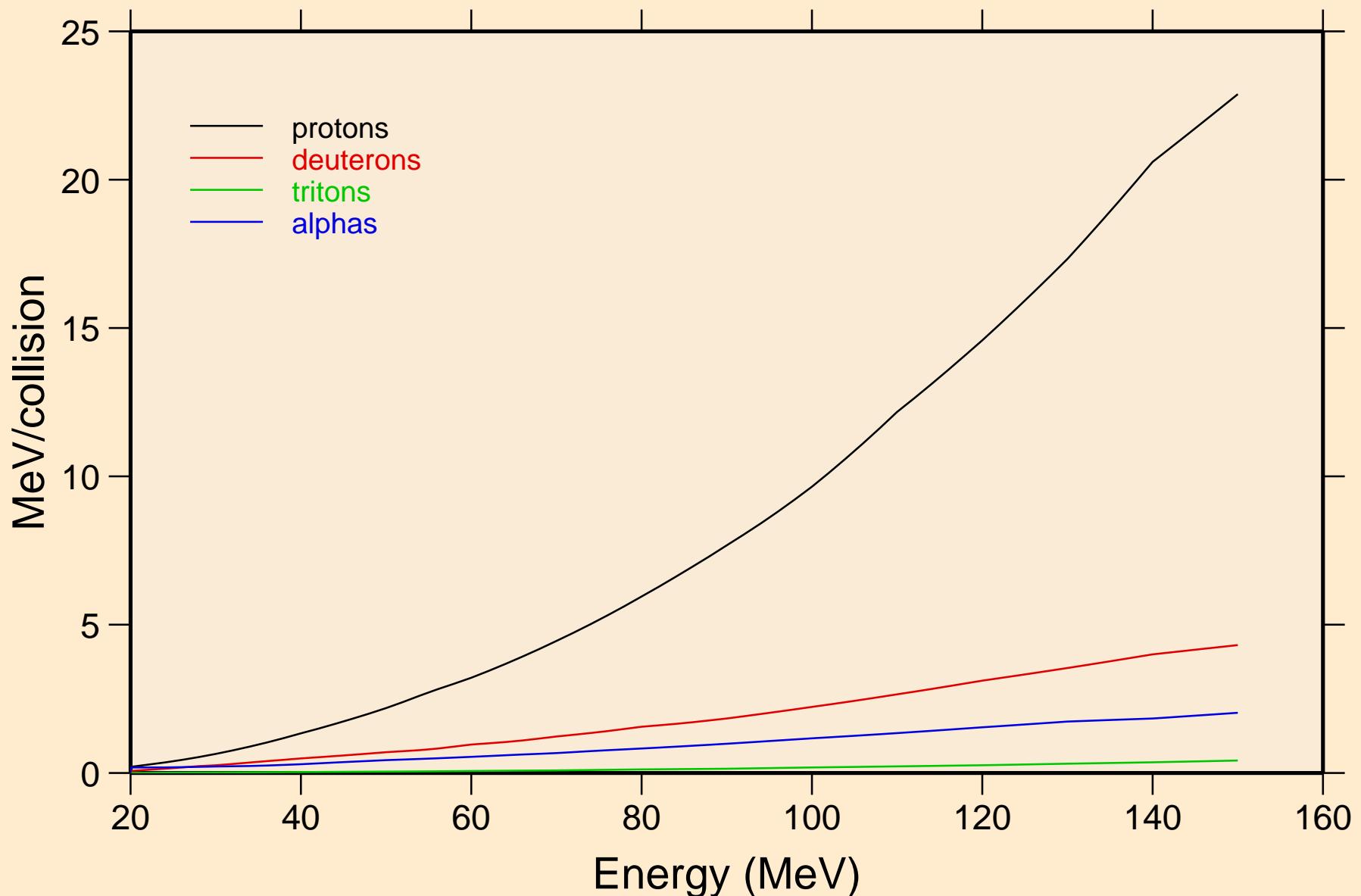


18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
14 MeV photon spectrum



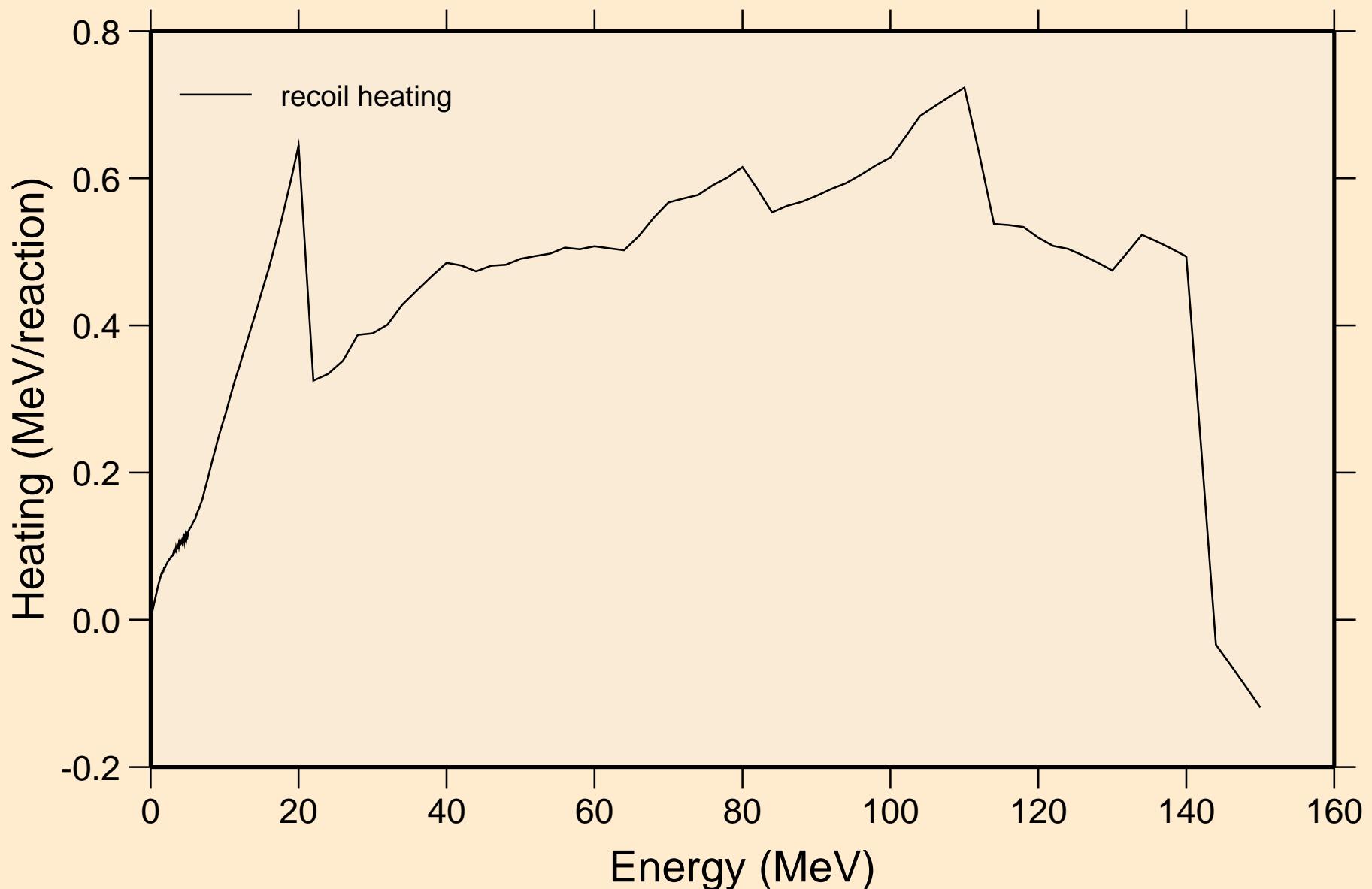
# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Particle heating contributions

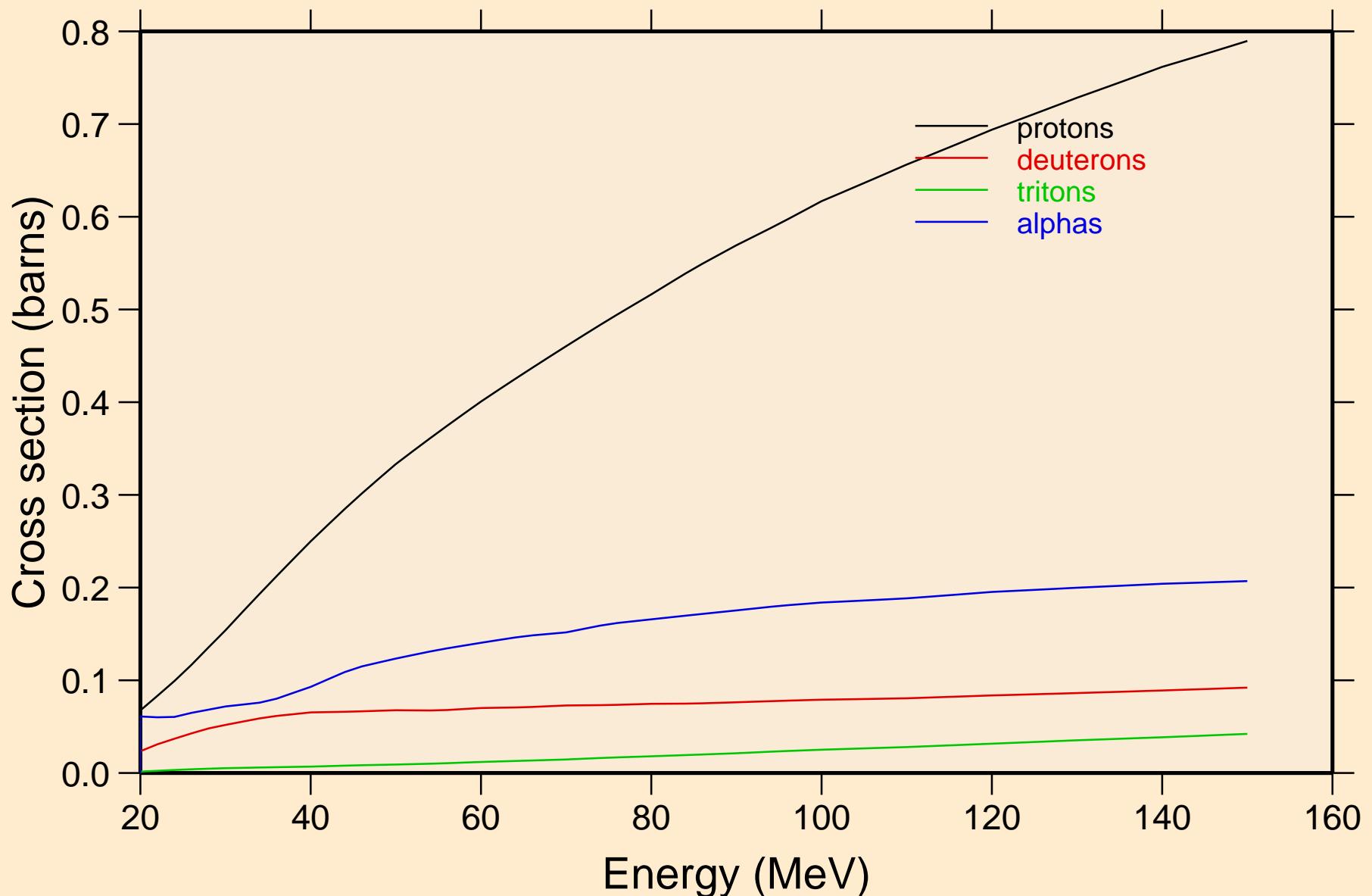


# 18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

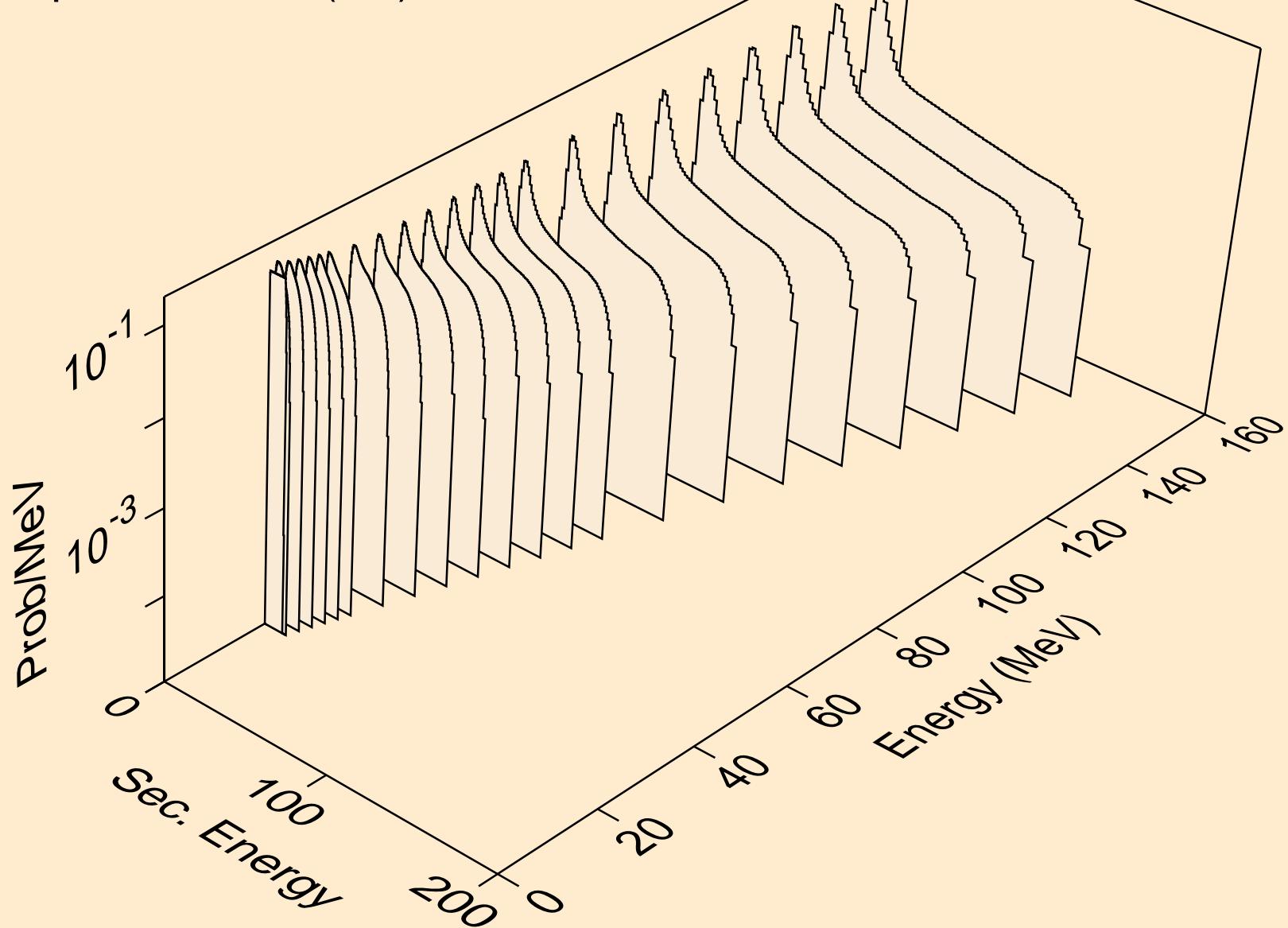
## Recoil Heating



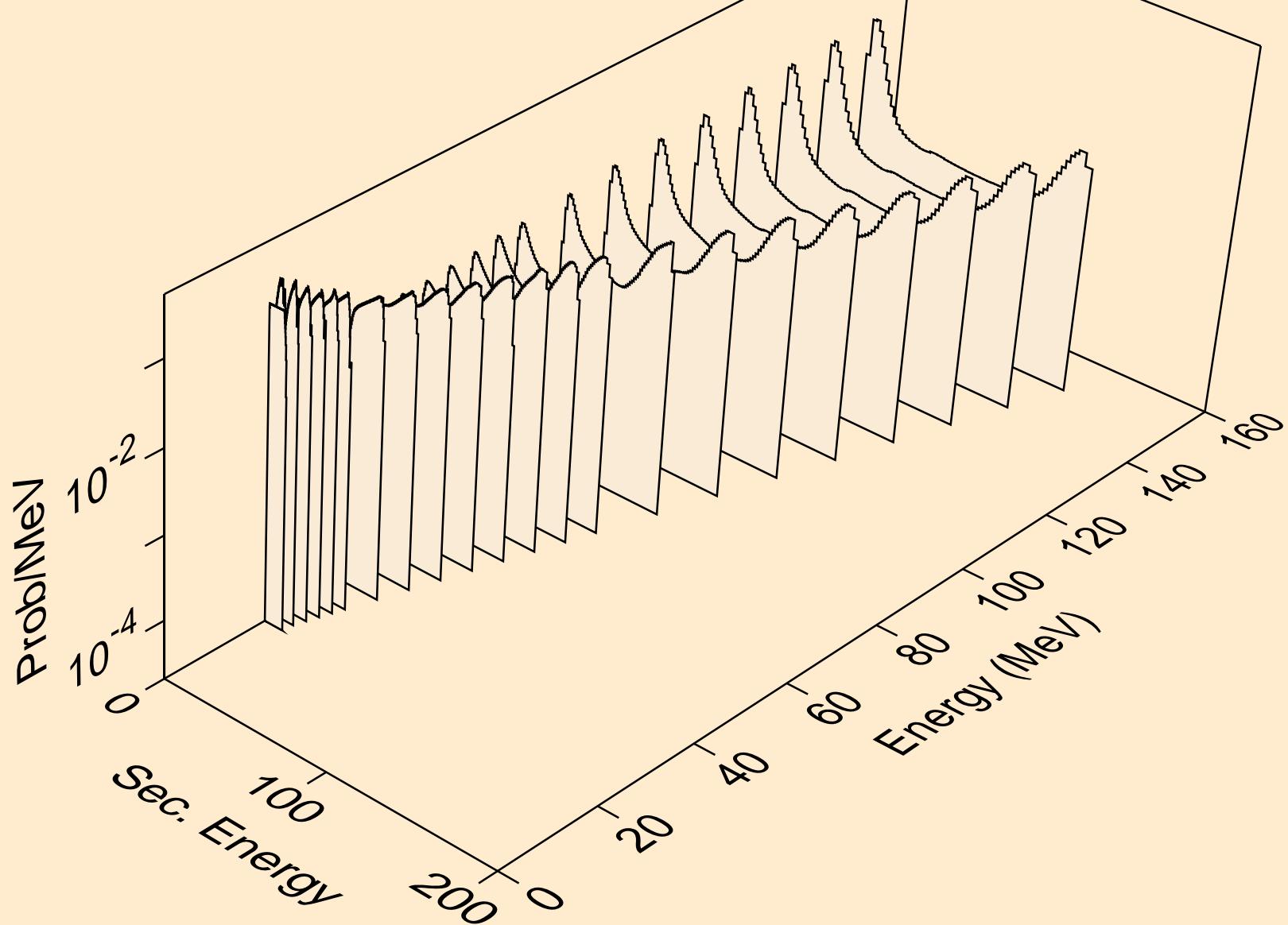
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Particle production cross sections



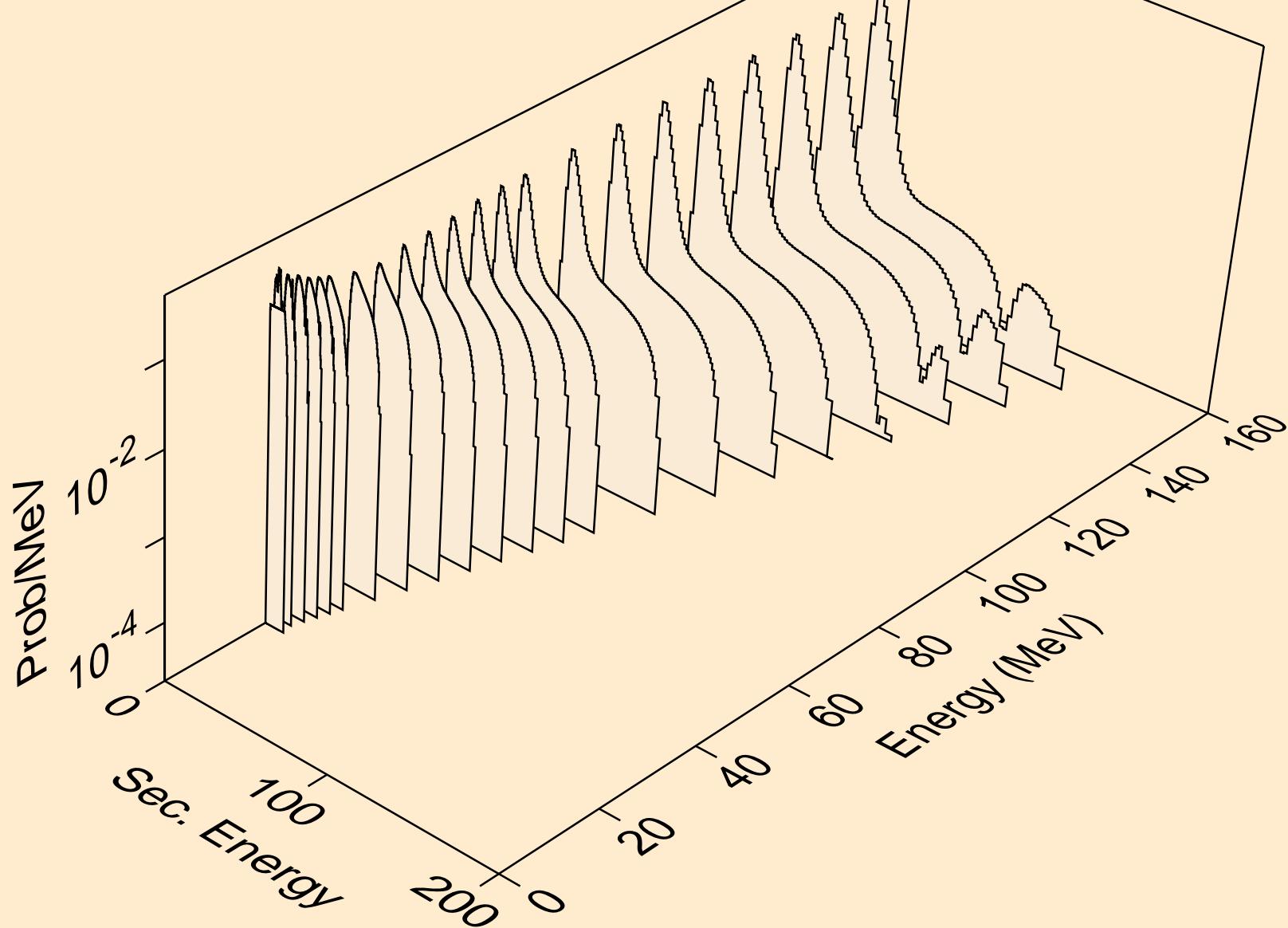
18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
protons from ( $n, x$ )



18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
deuterons from ( $n,x$ )



18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
tritons from (n,x)



18-AR-040 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
alphas from (n,x)

