

Program EVALPLOT  
(Version 2015-2)

by

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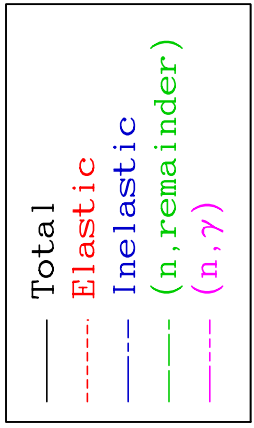
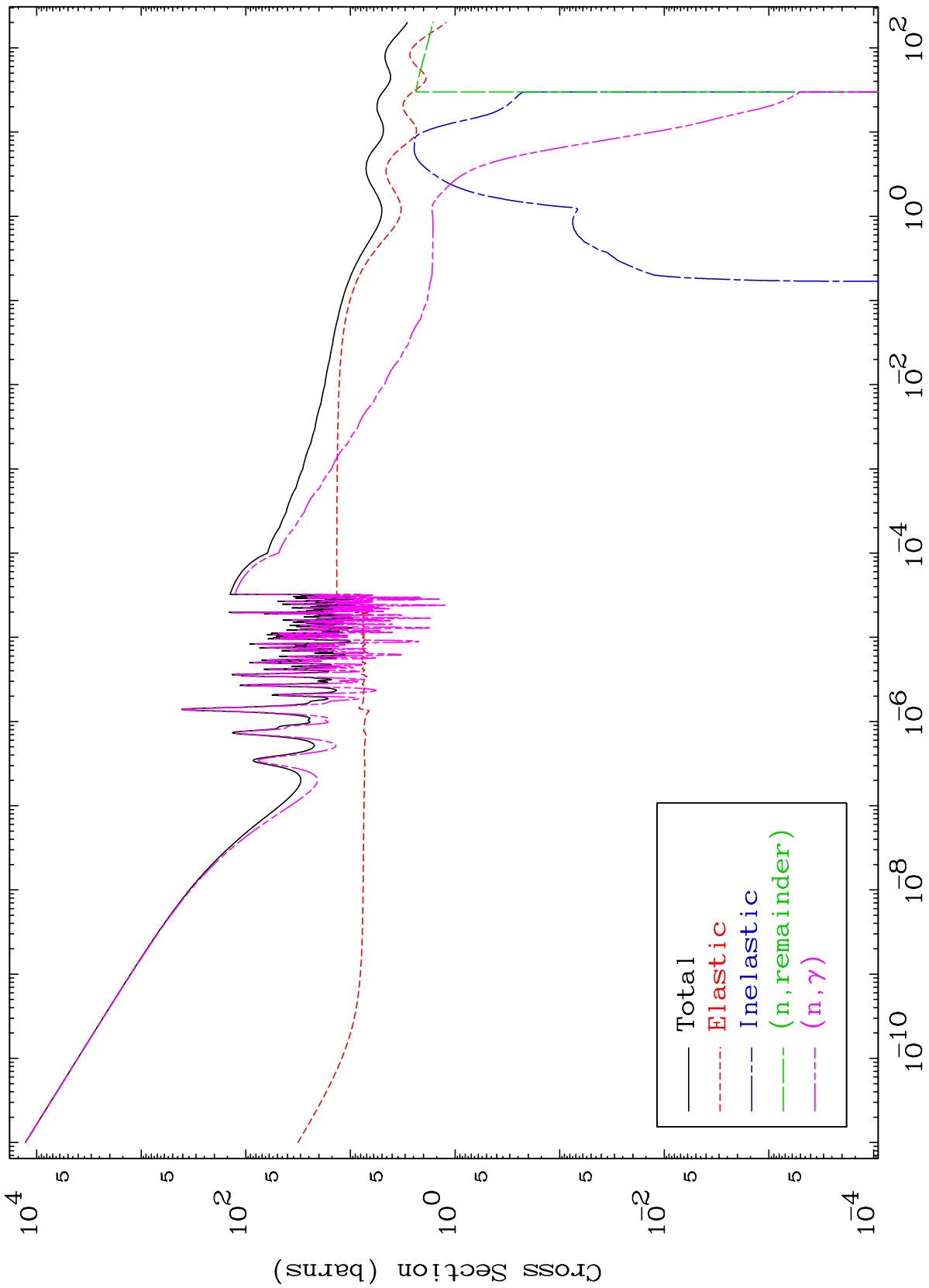
Press Mouse Button to Start

MAT 8092

Major

293 Kelvin Cross Sections

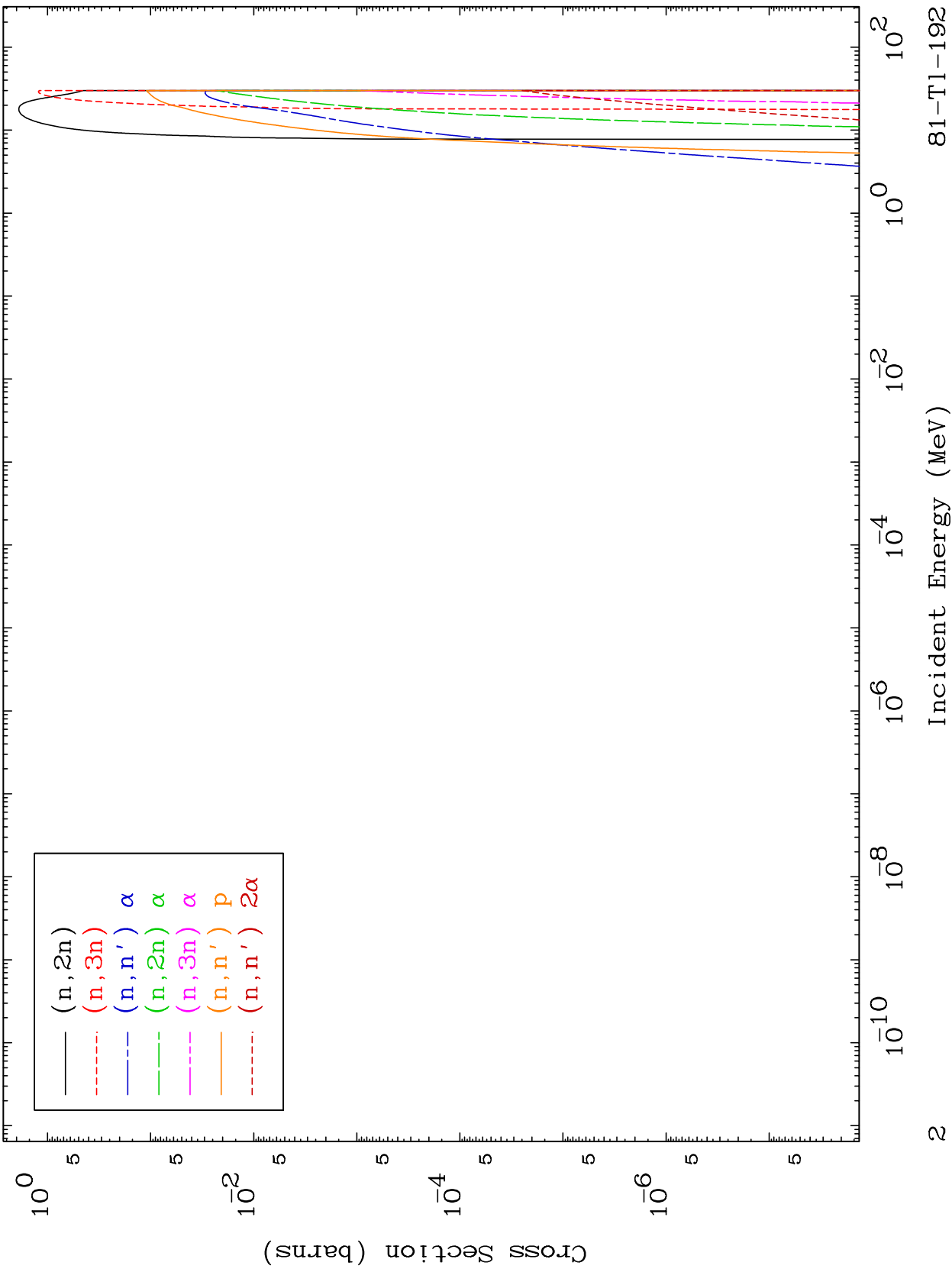
81-T1-192



MAT 8092

Neutron Production  
293 Kelvin Cross Sections

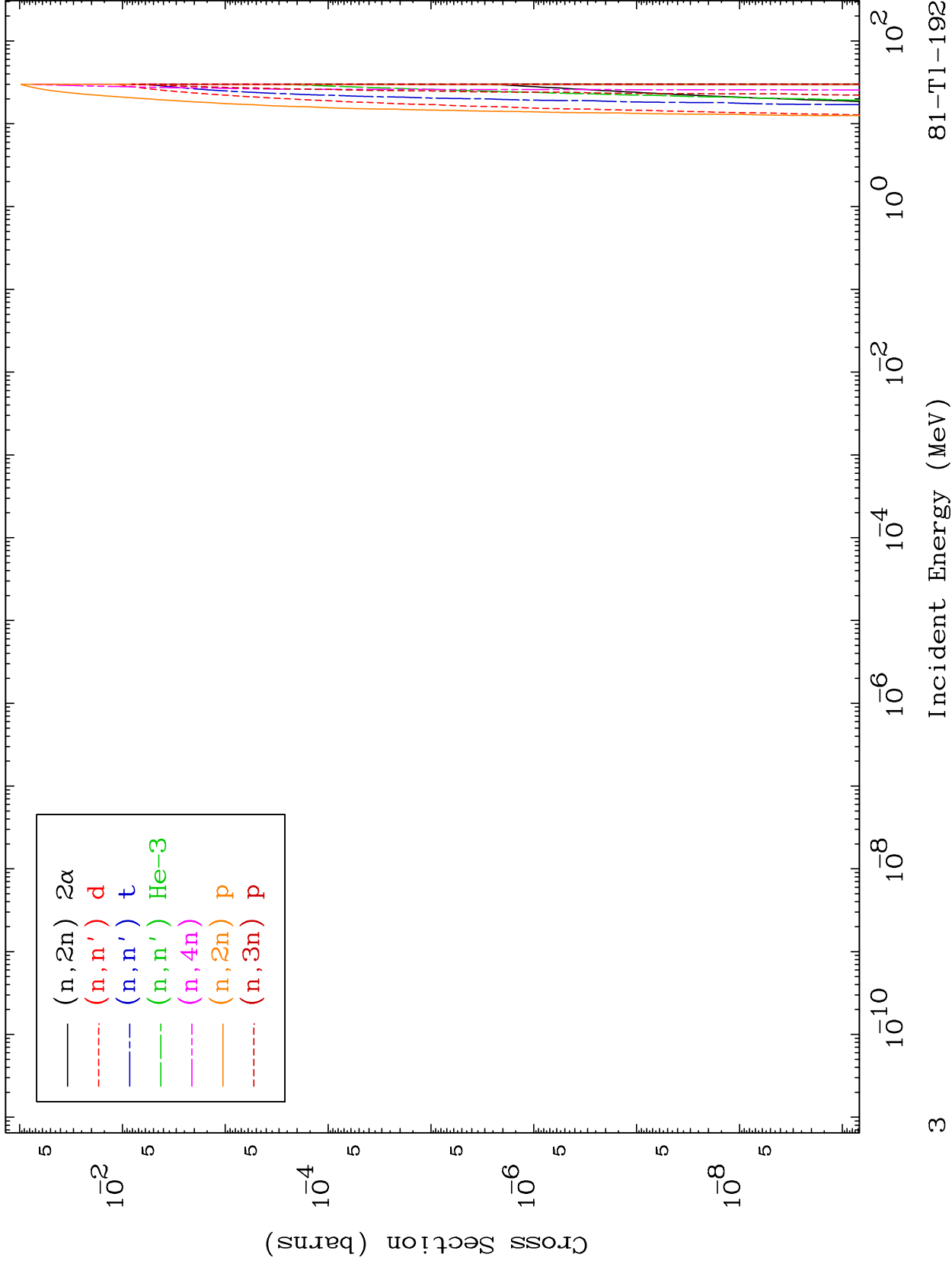
81-Tl-192



MAT 8092

Neutron Production  
293 Kelvin Cross Sections

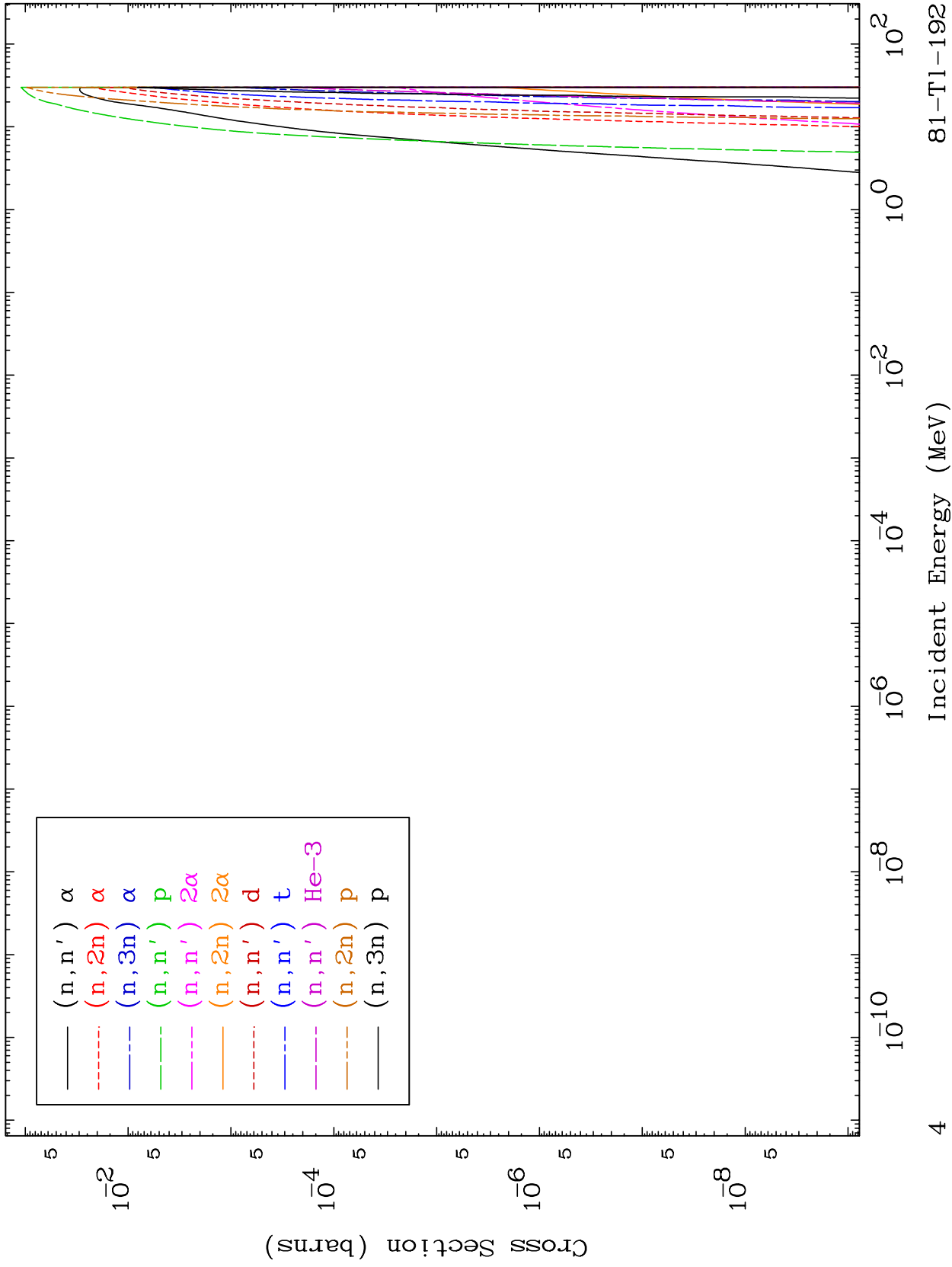
81-Tl-192



MAT 8092

Charged Particle  
293 Kelvin Cross Sections

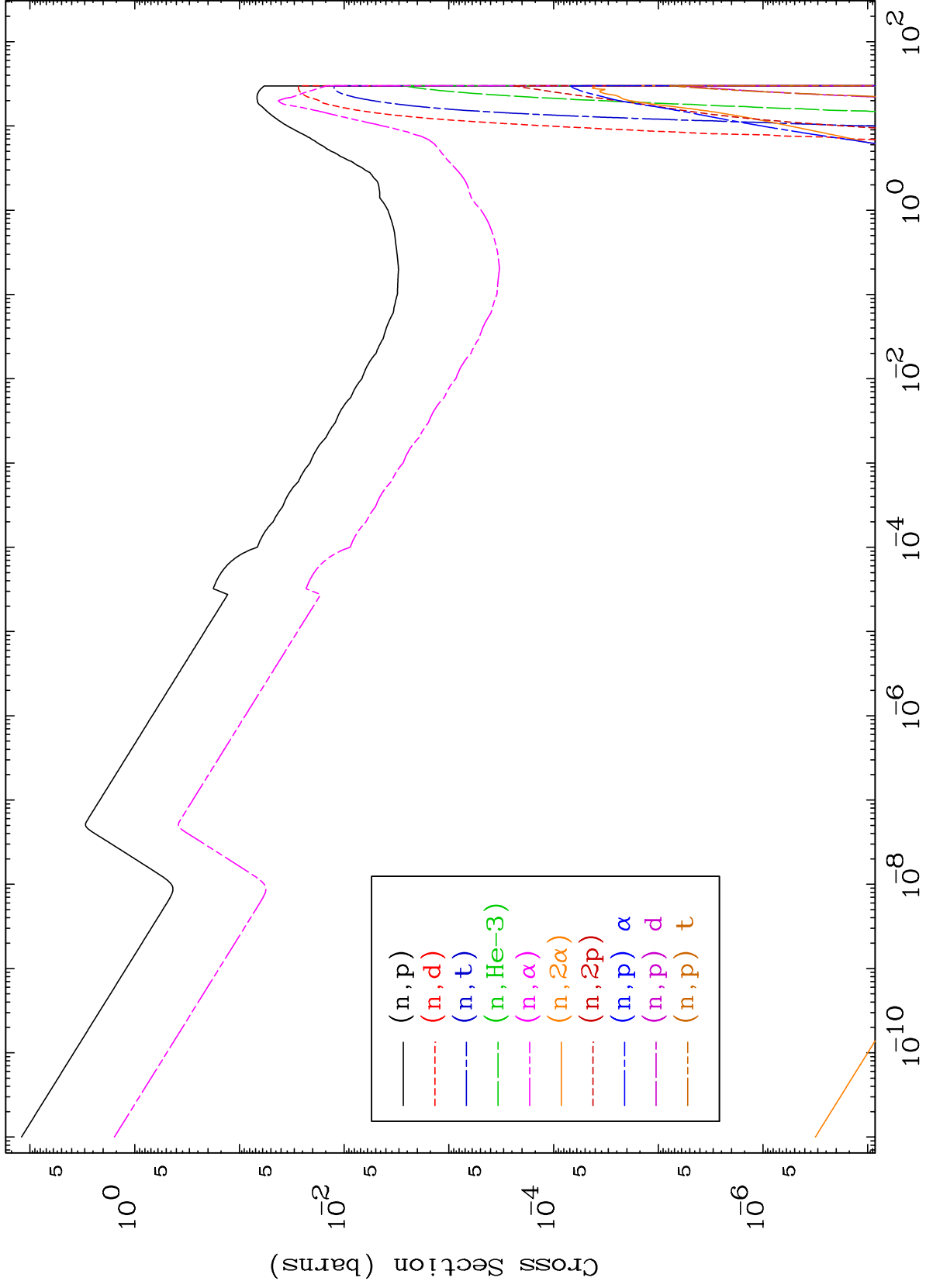
81-Tl-192



MAT 8092

Charged Particle  
293 Kelvin Cross Sections

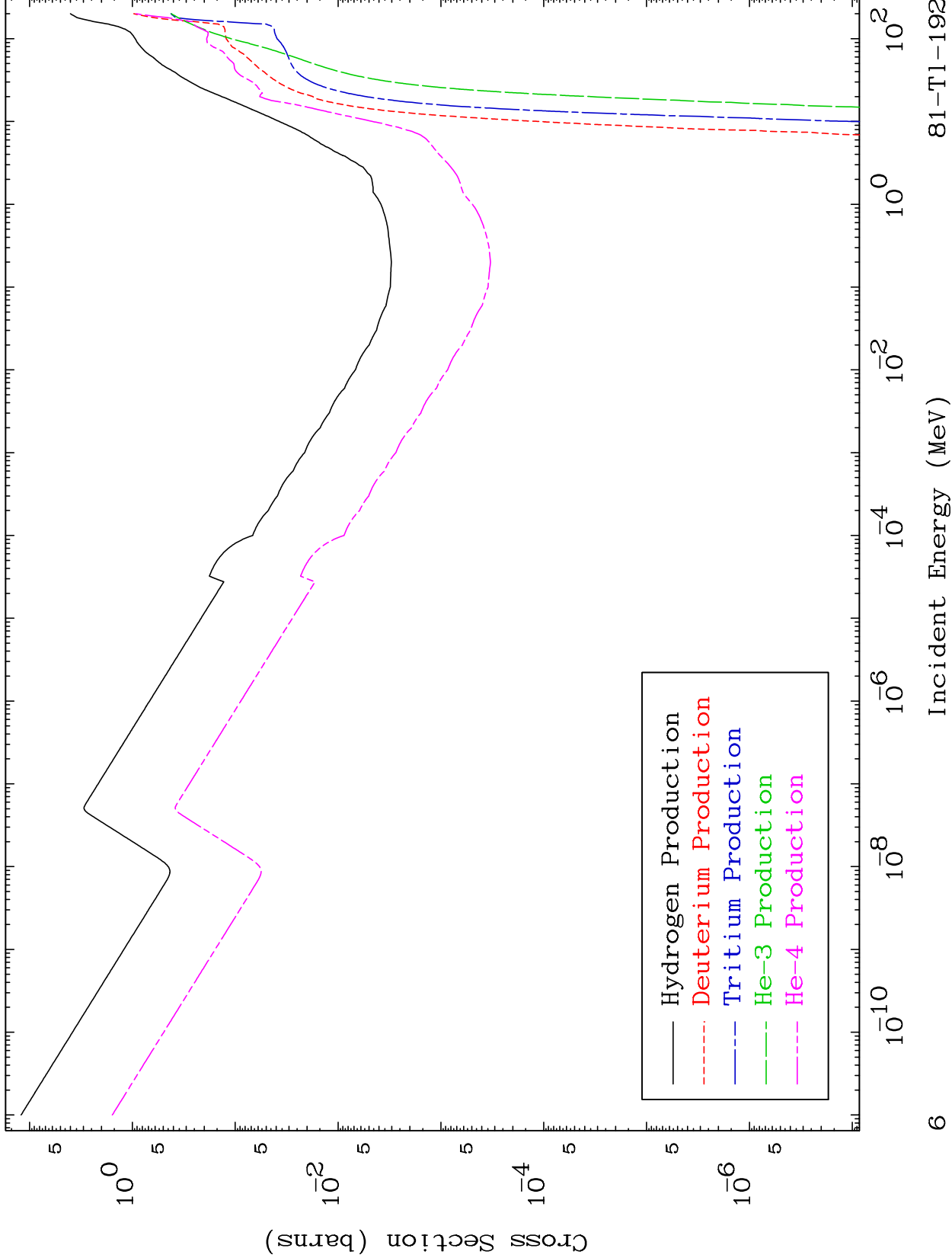
81-T1-192

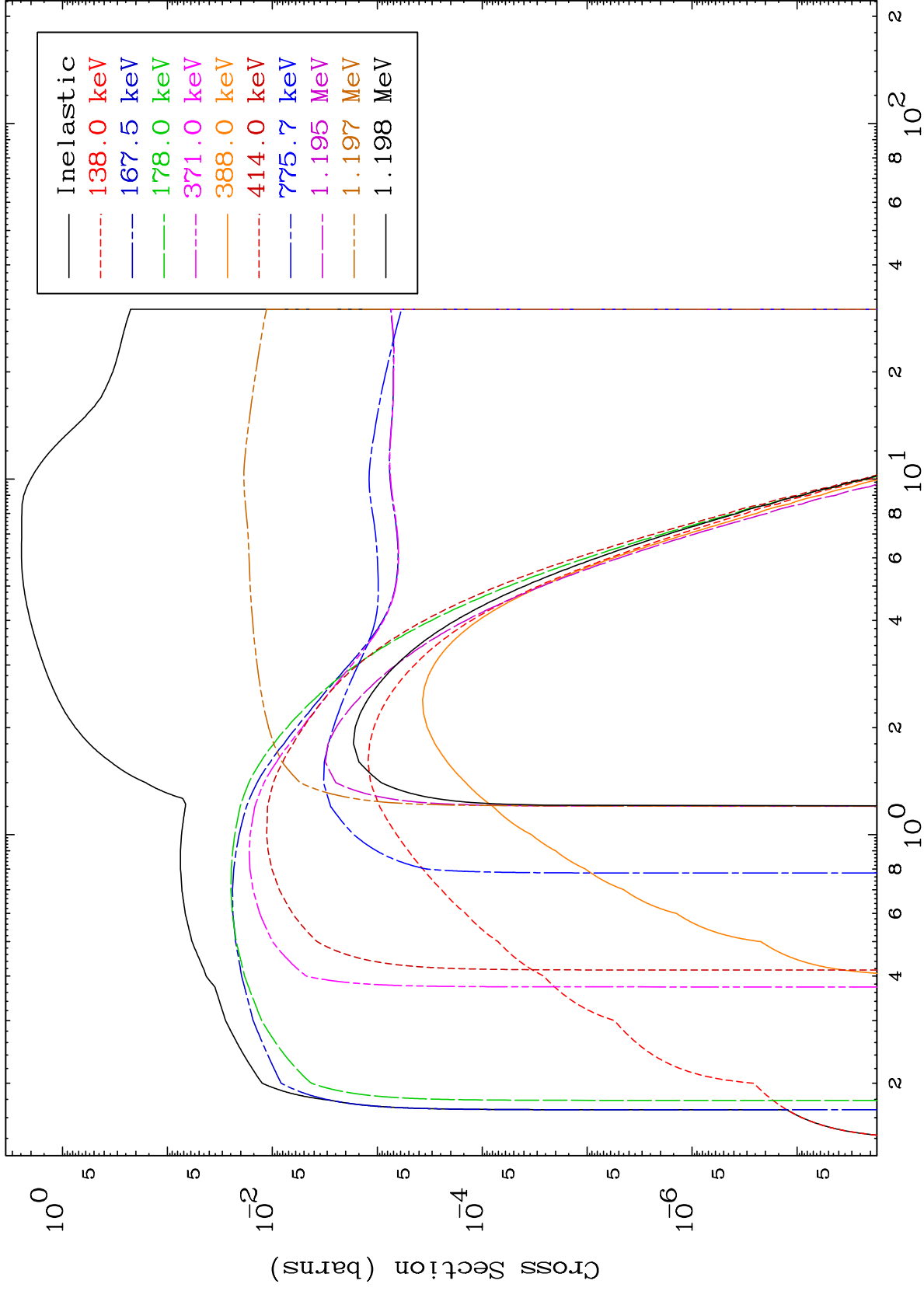


5

Incident Energy (MeV)

81-T1-192





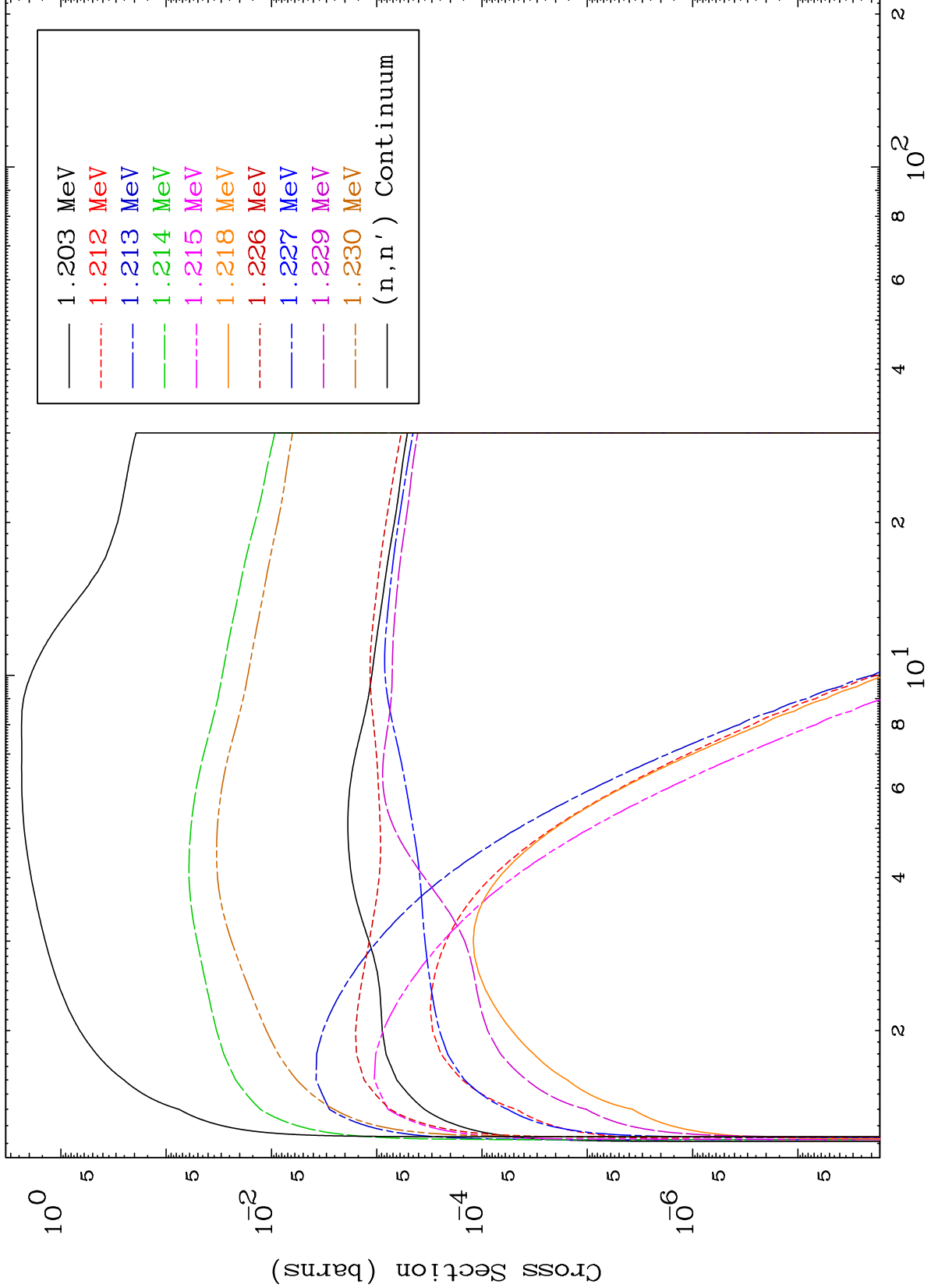


MAT 8092

(n,n') Level

81-Tl-192

293 Kelvin Cross Sections



8

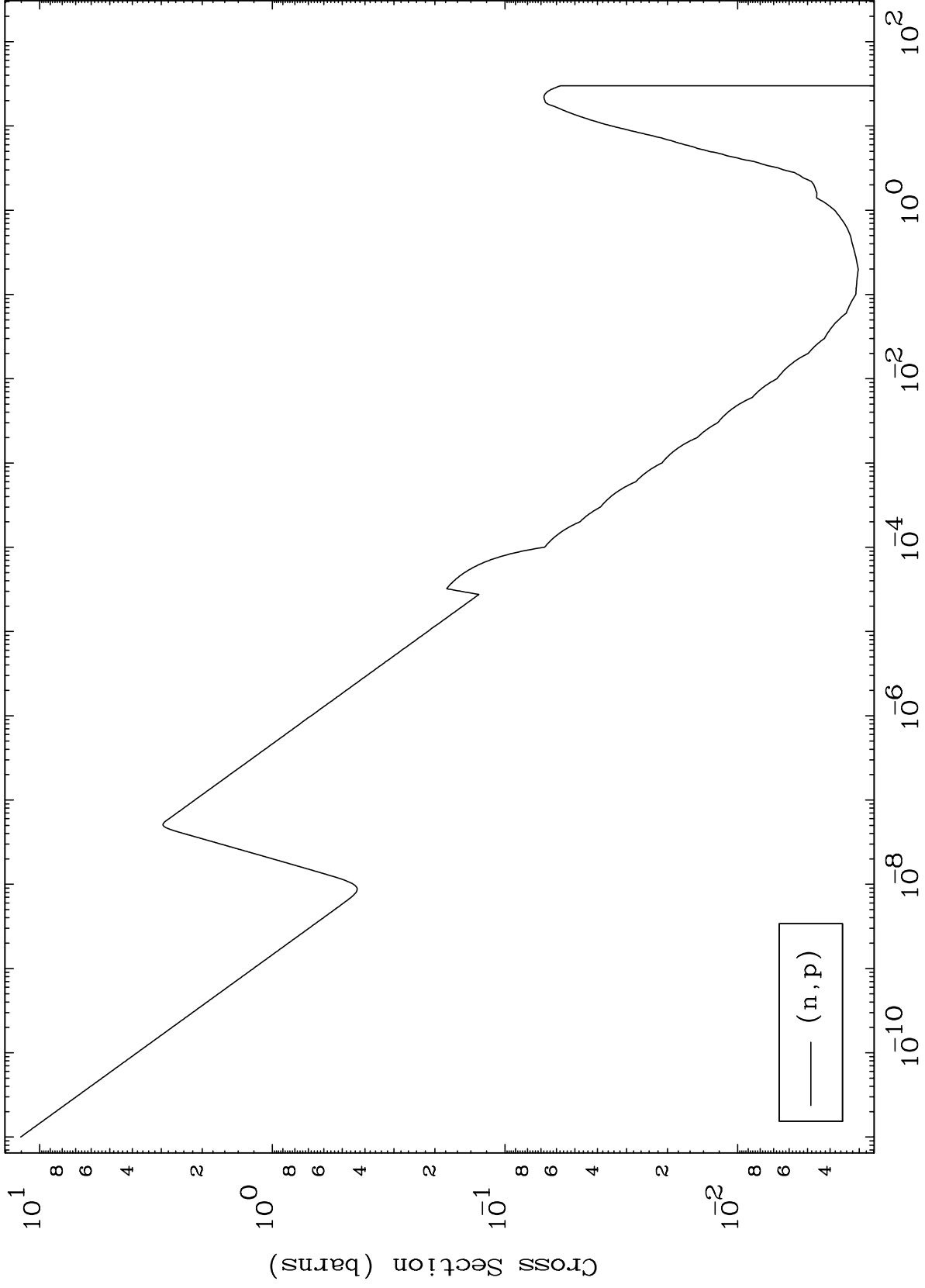
Incident Energy (MeV)

81-Tl-192

MAT 8092

(n,p) Levels  
293 Kelvin Cross Sections

81-T1-192

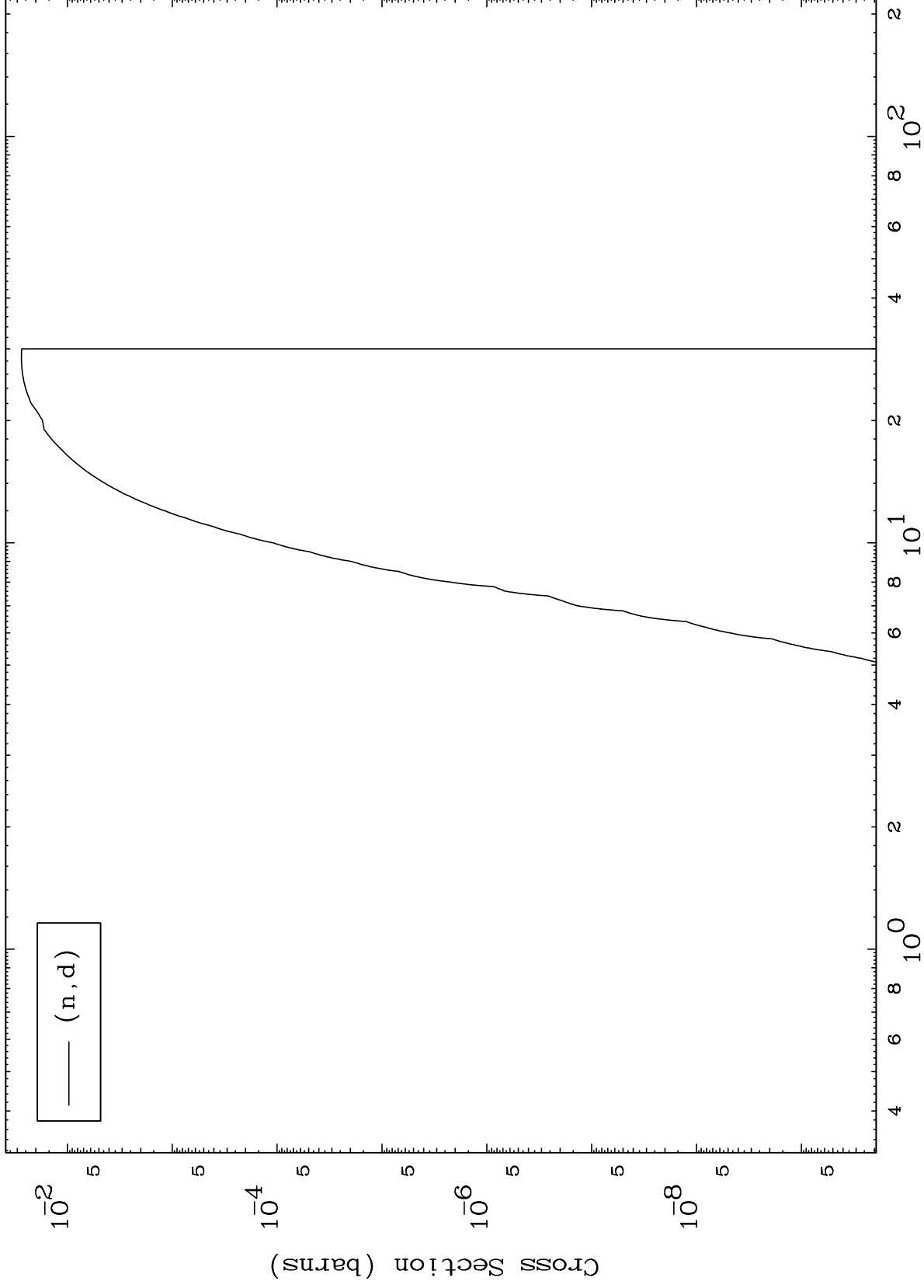


(n,p)

MAT 8092

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-192



10

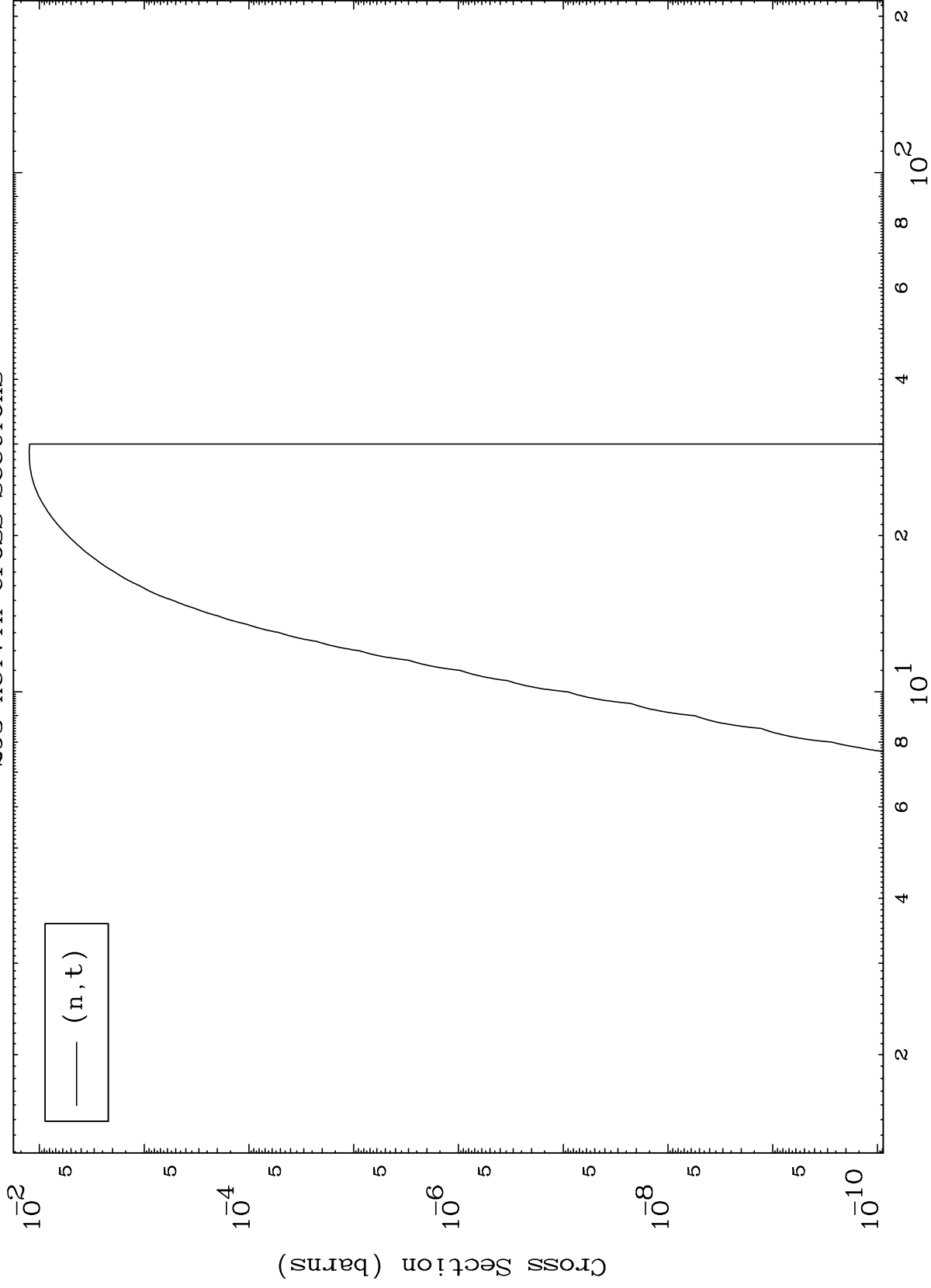
Incident Energy (MeV)

81-Tl-192

MAT 8092

(n,t) Levels  
293 Kelvin Cross Sections

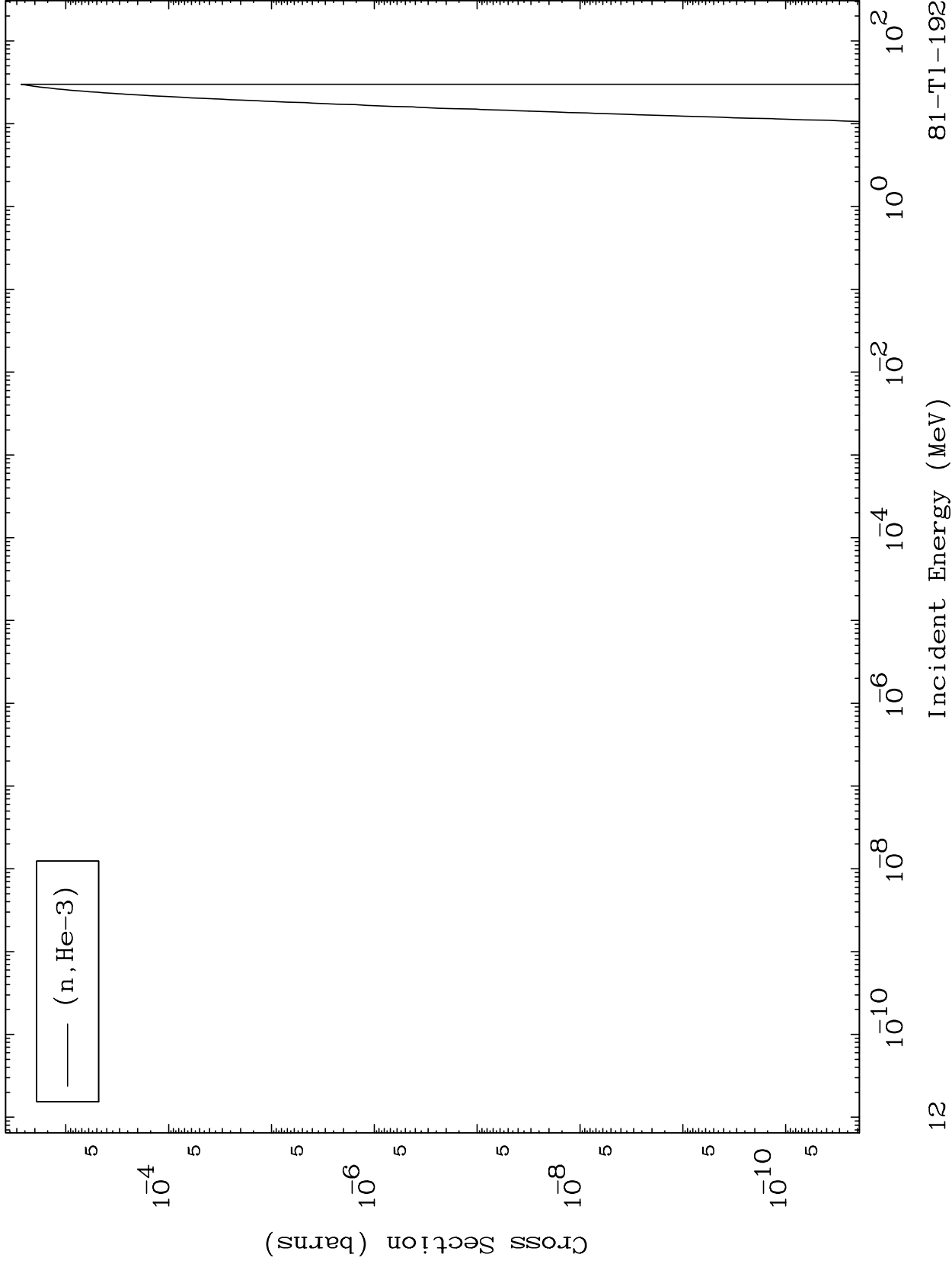
81-Tl-192



MAT 8092

(n,He3) Levels  
293 Kelvin Cross Sections

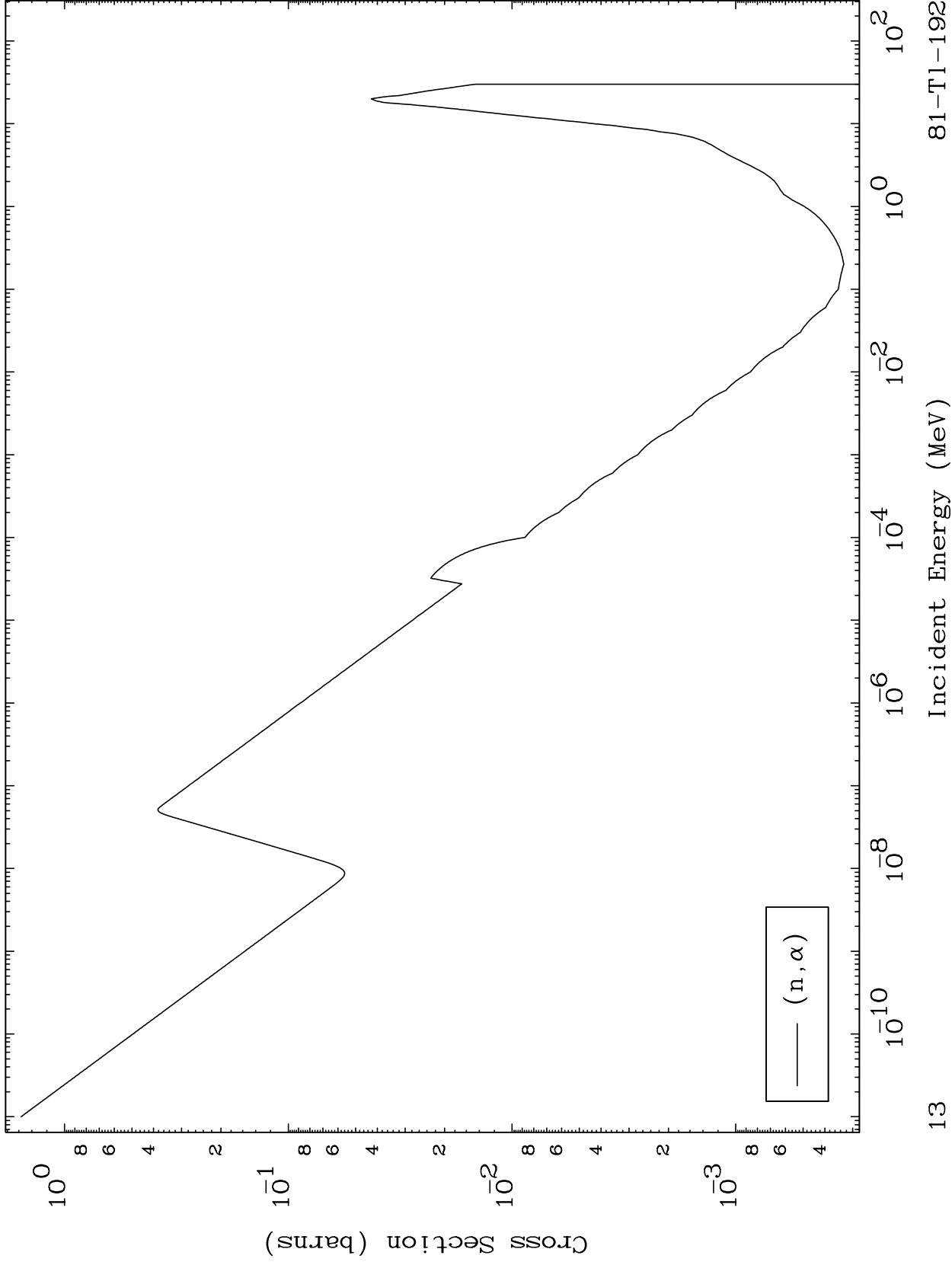
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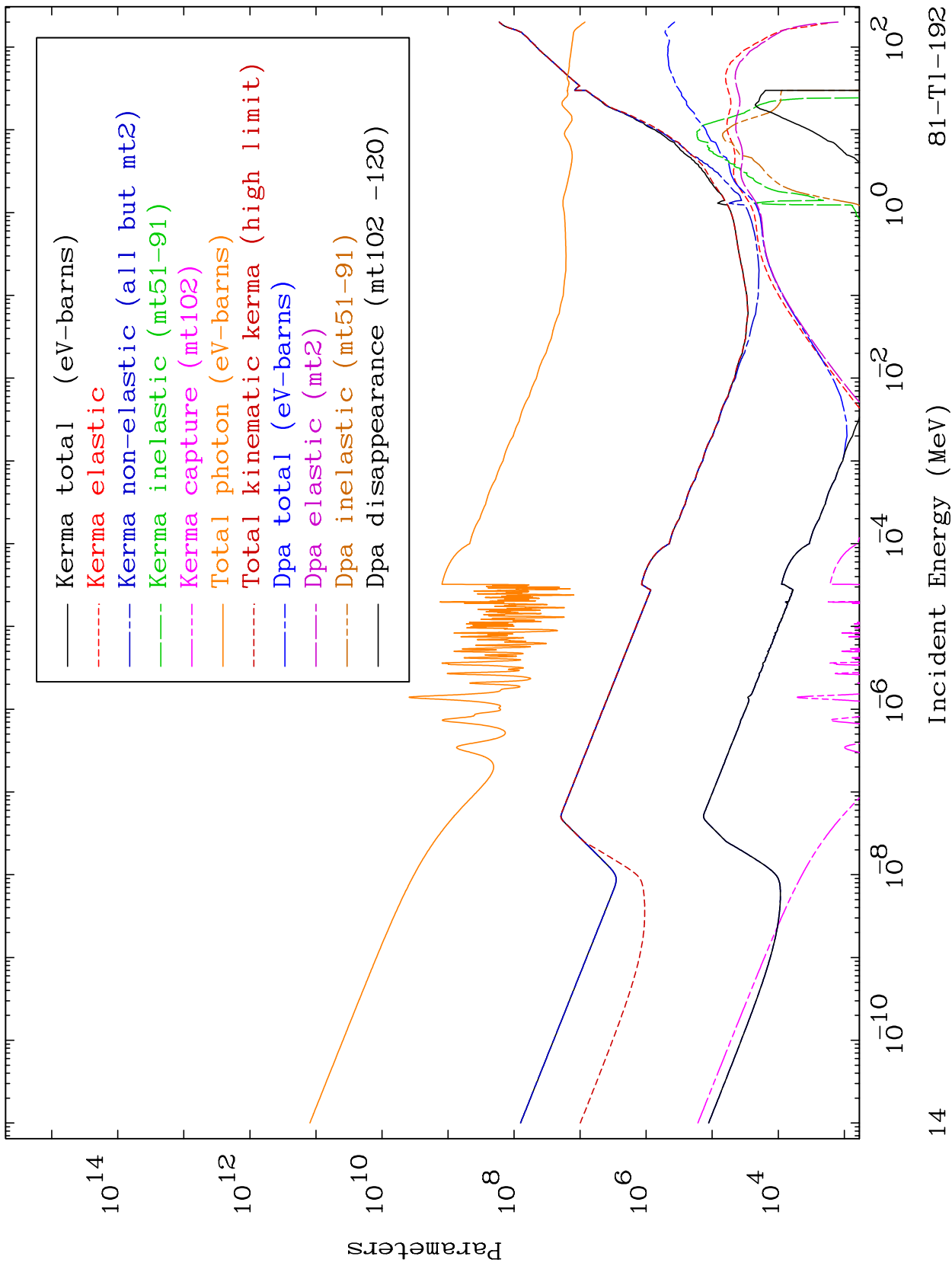


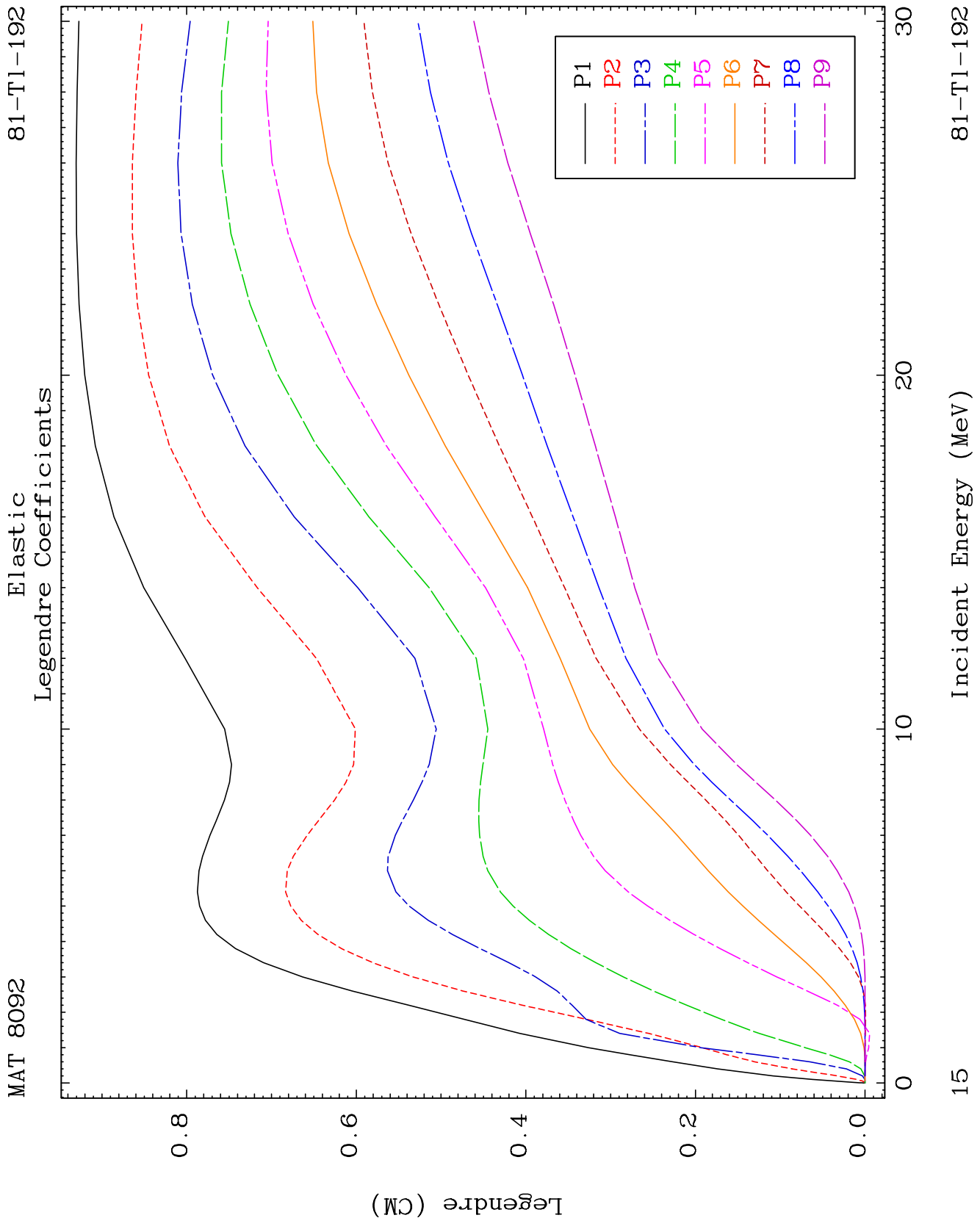
MAT 8092

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

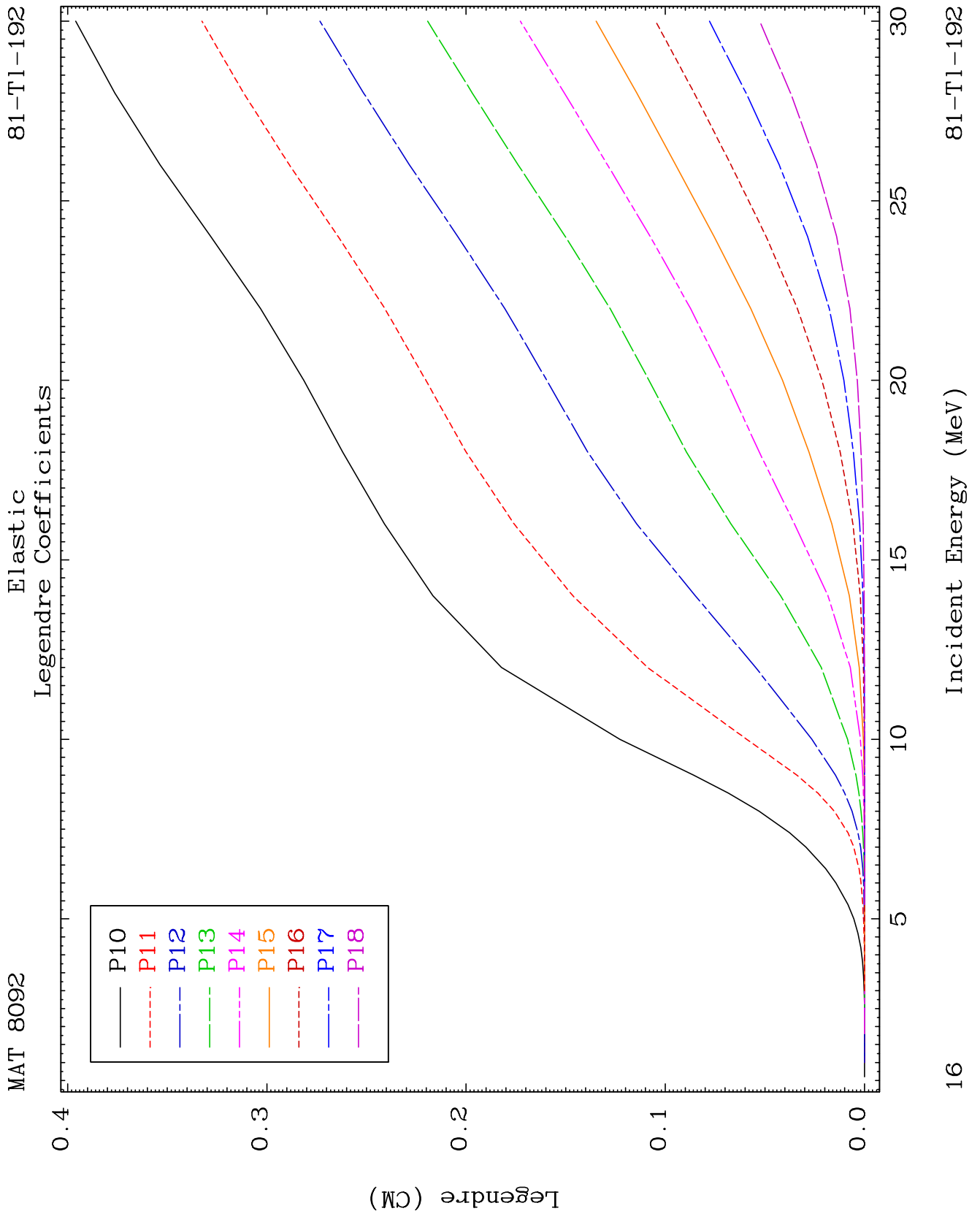
81-T1-192











81-T1-192

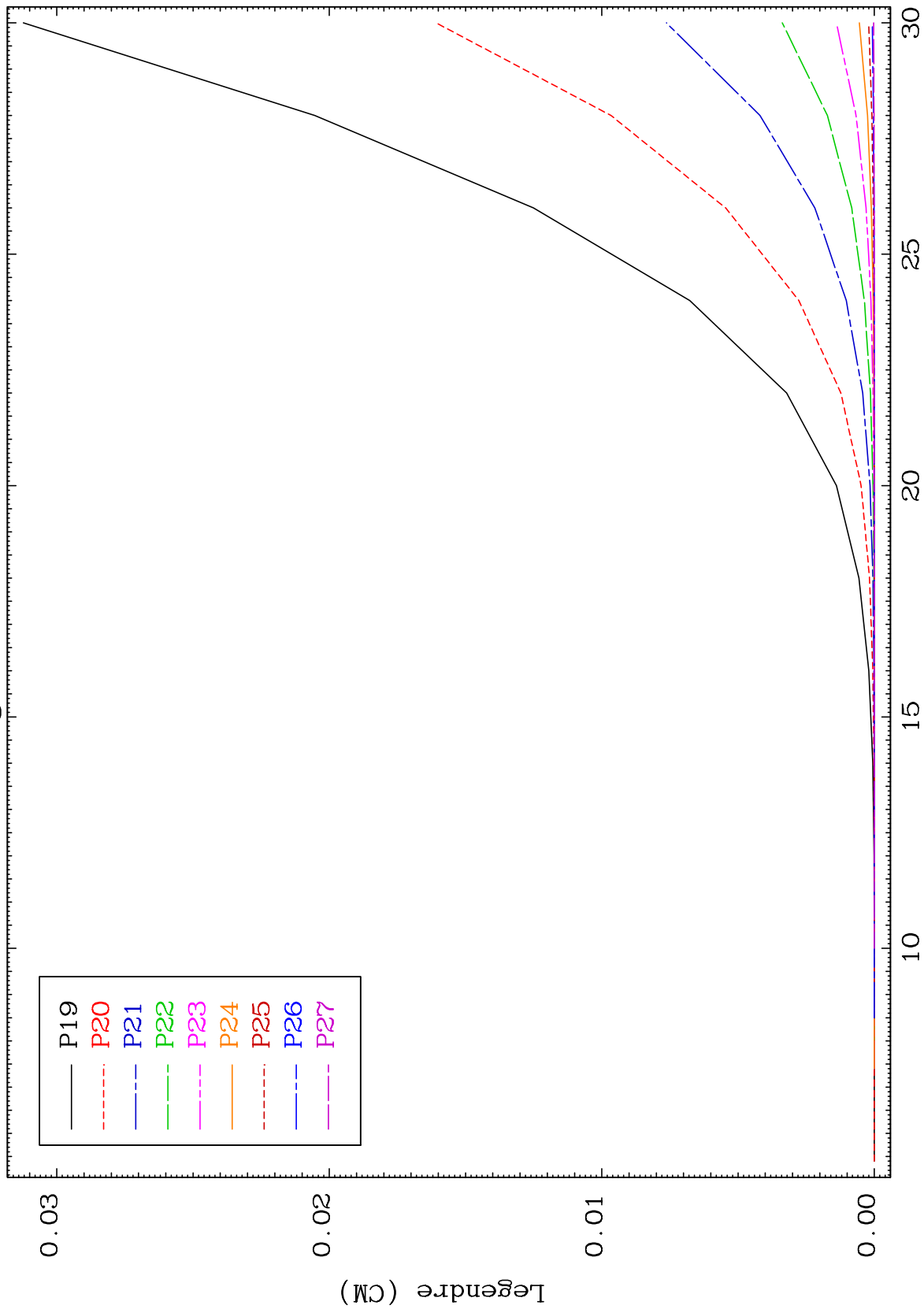
Incident Energy (MeV)

16

MAT 8092

Elastic Legendre Coefficients

81-T1-192



17

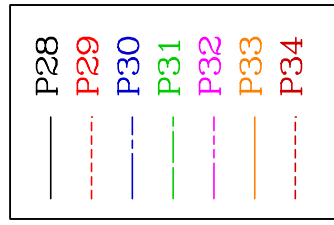
Incident Energy (MeV)

81-T1-192

MAT 8092

Elastic  
Legendre Coefficients

81-T1-192



$\times 10^{-6}$

Legendre (CM)

10

15

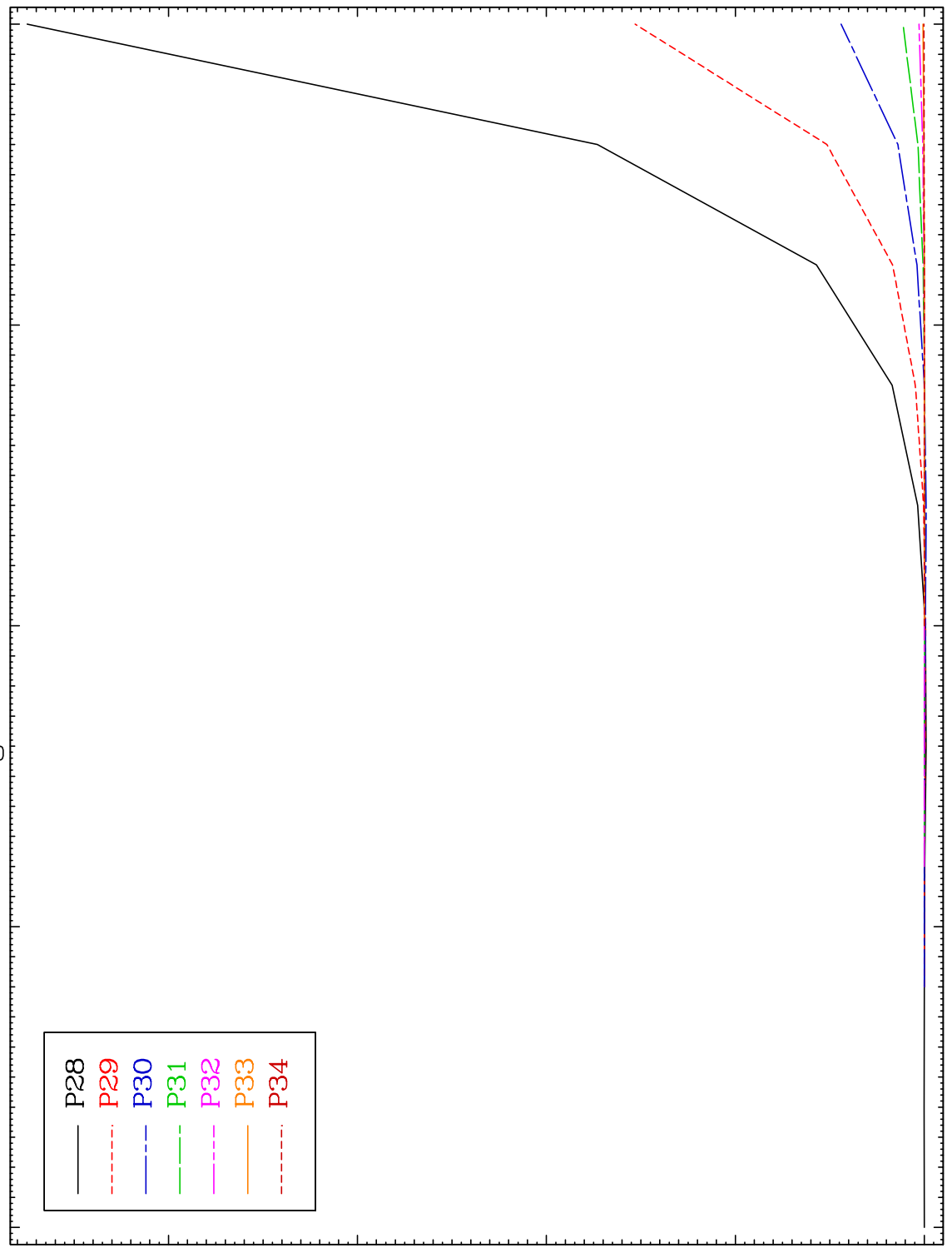
20

25

30

Incident Energy (MeV)

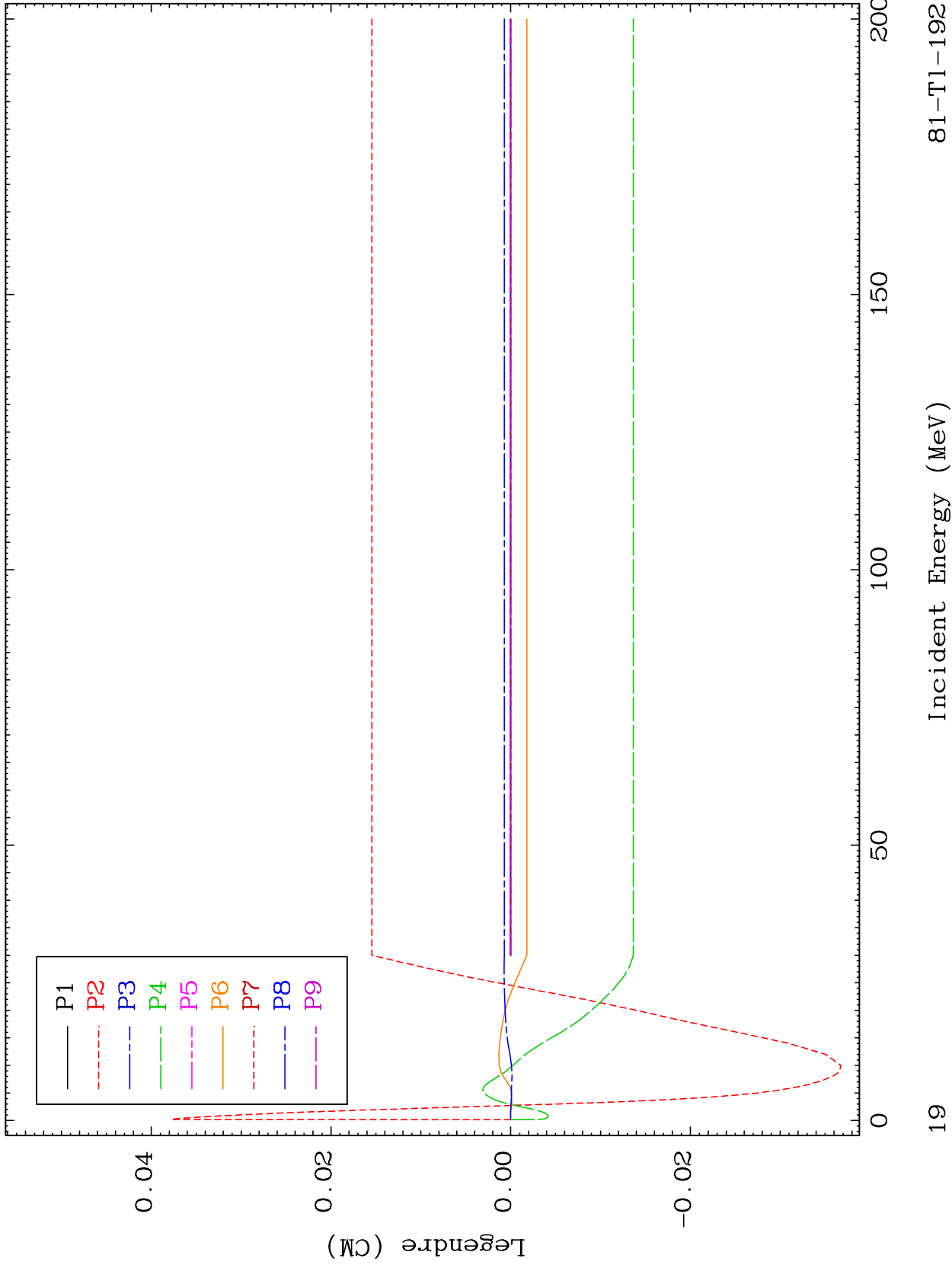
81-T1-192

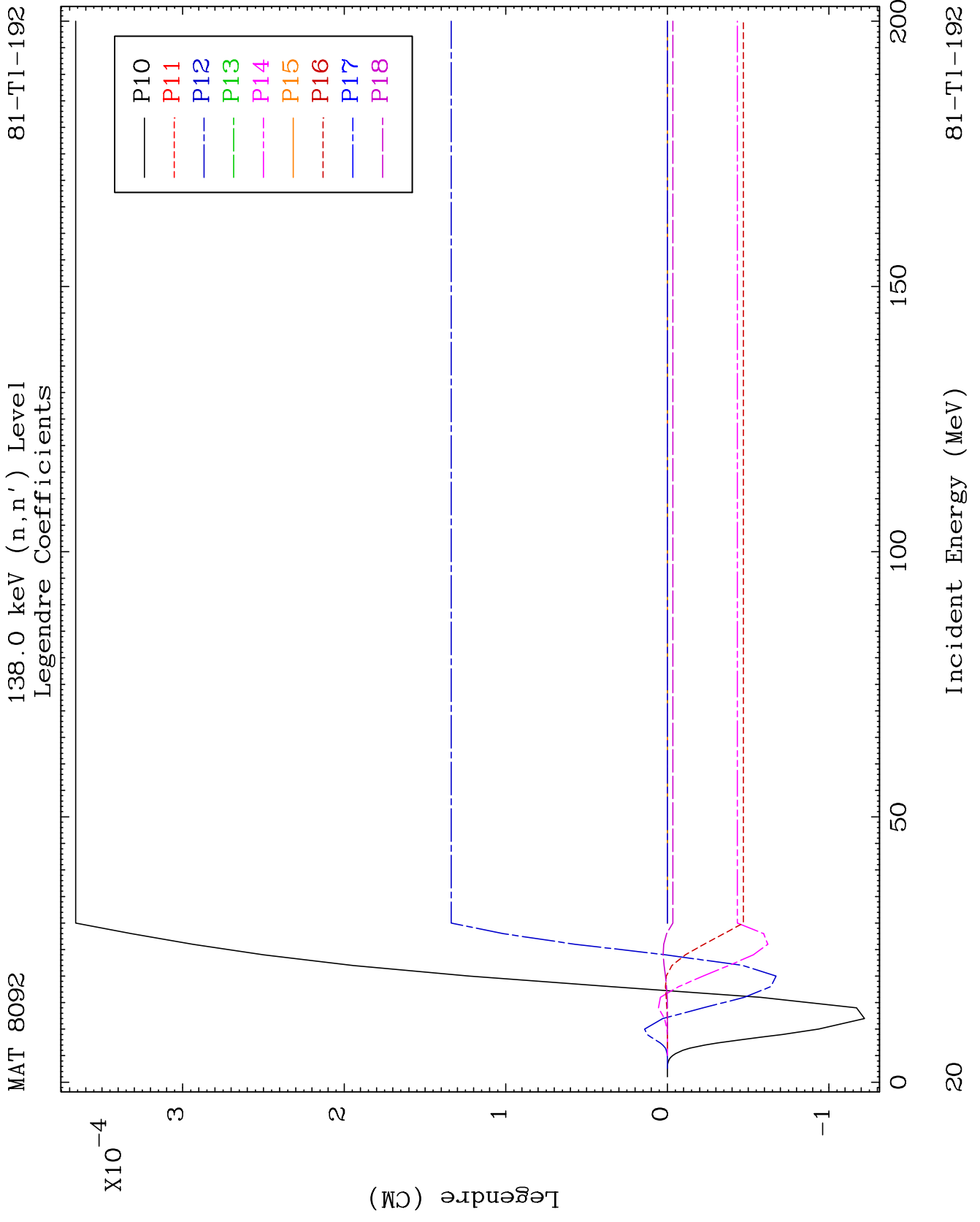


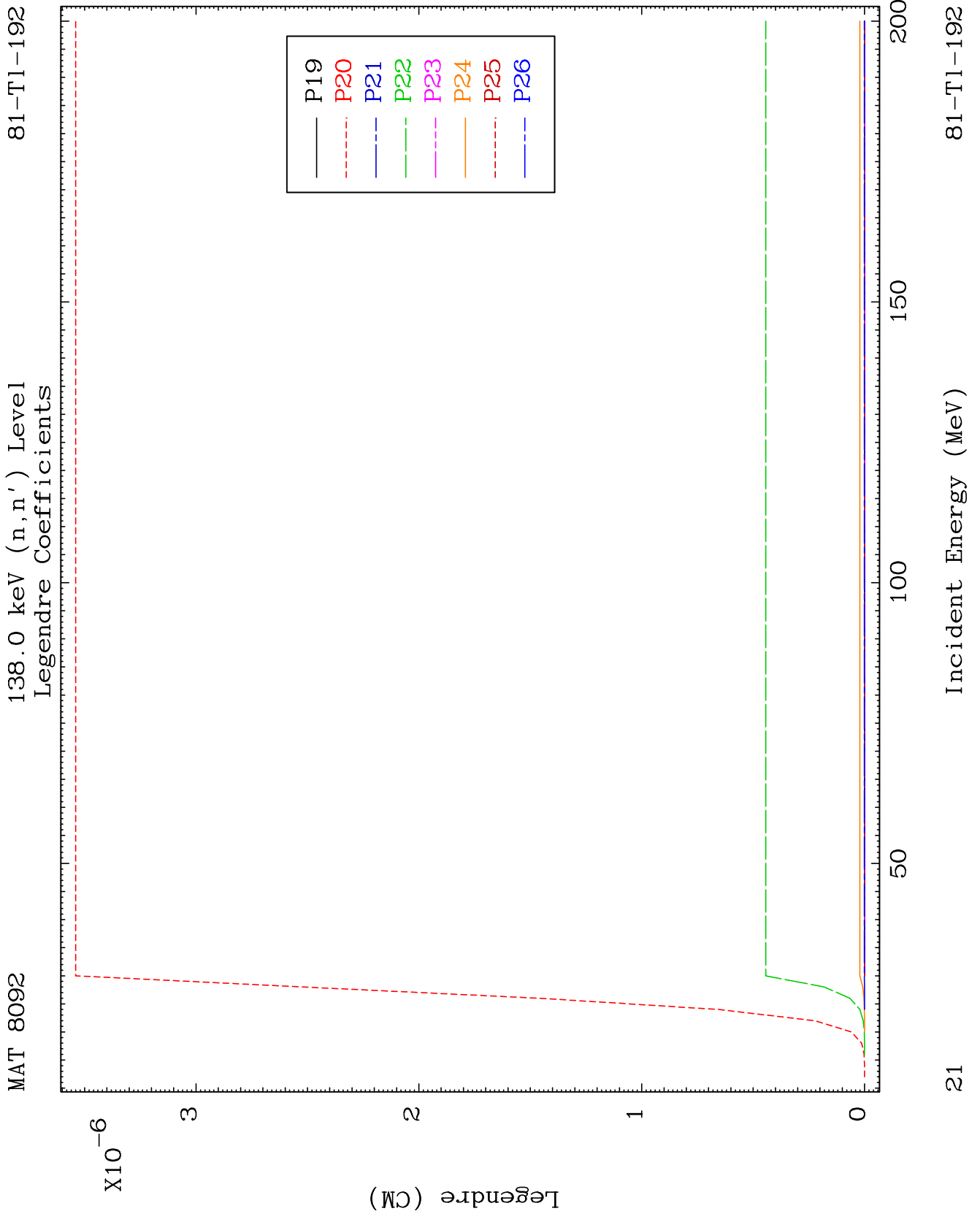
MAT 8092

138.0 keV (n,n') Level  
Legendre Coefficients

81-T1-192



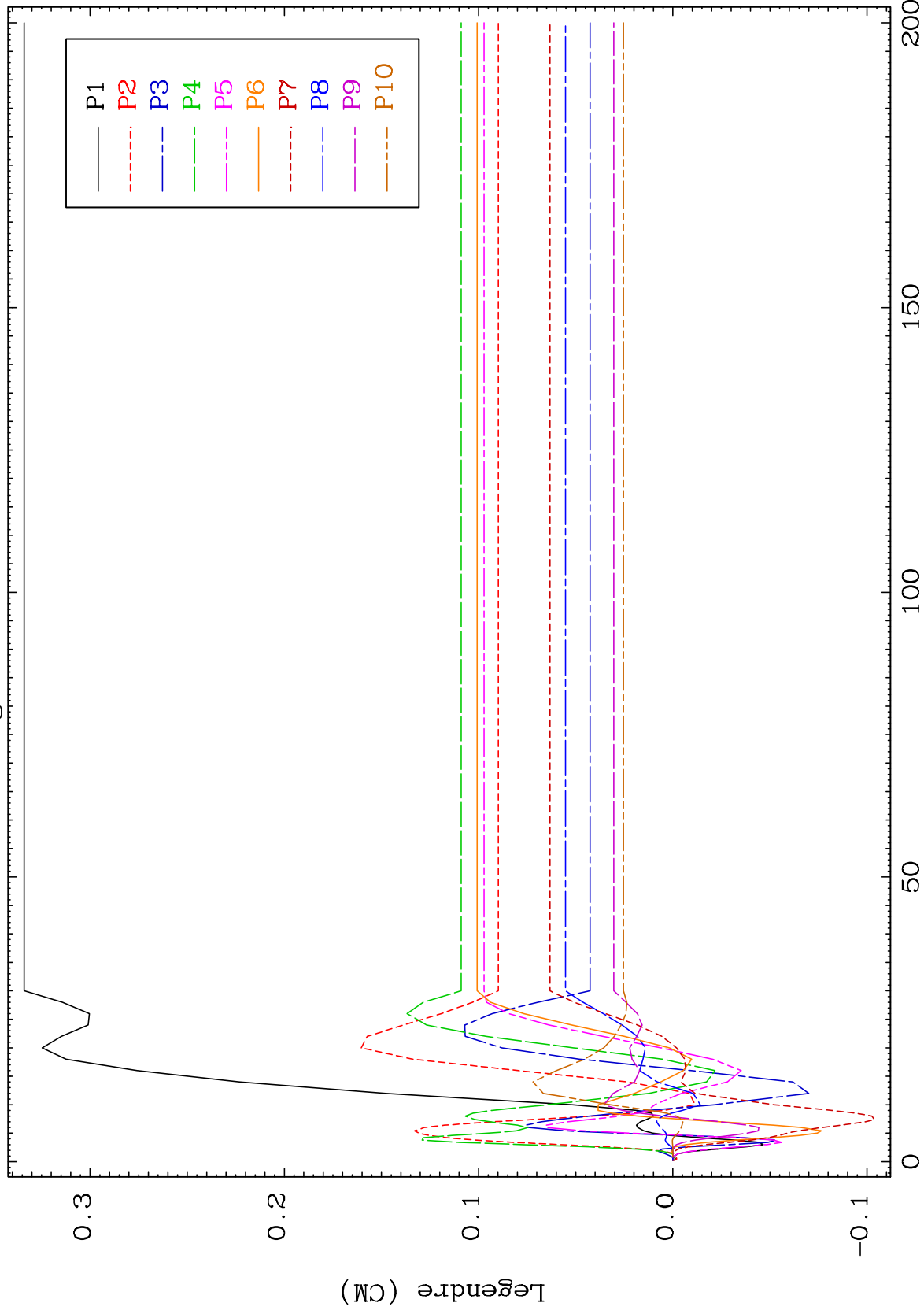




MAT 8092

167.5 keV (n,n') Level  
Legendre Coefficients

81-Tl-192



22

Incident Energy (MeV)

81-Tl-192

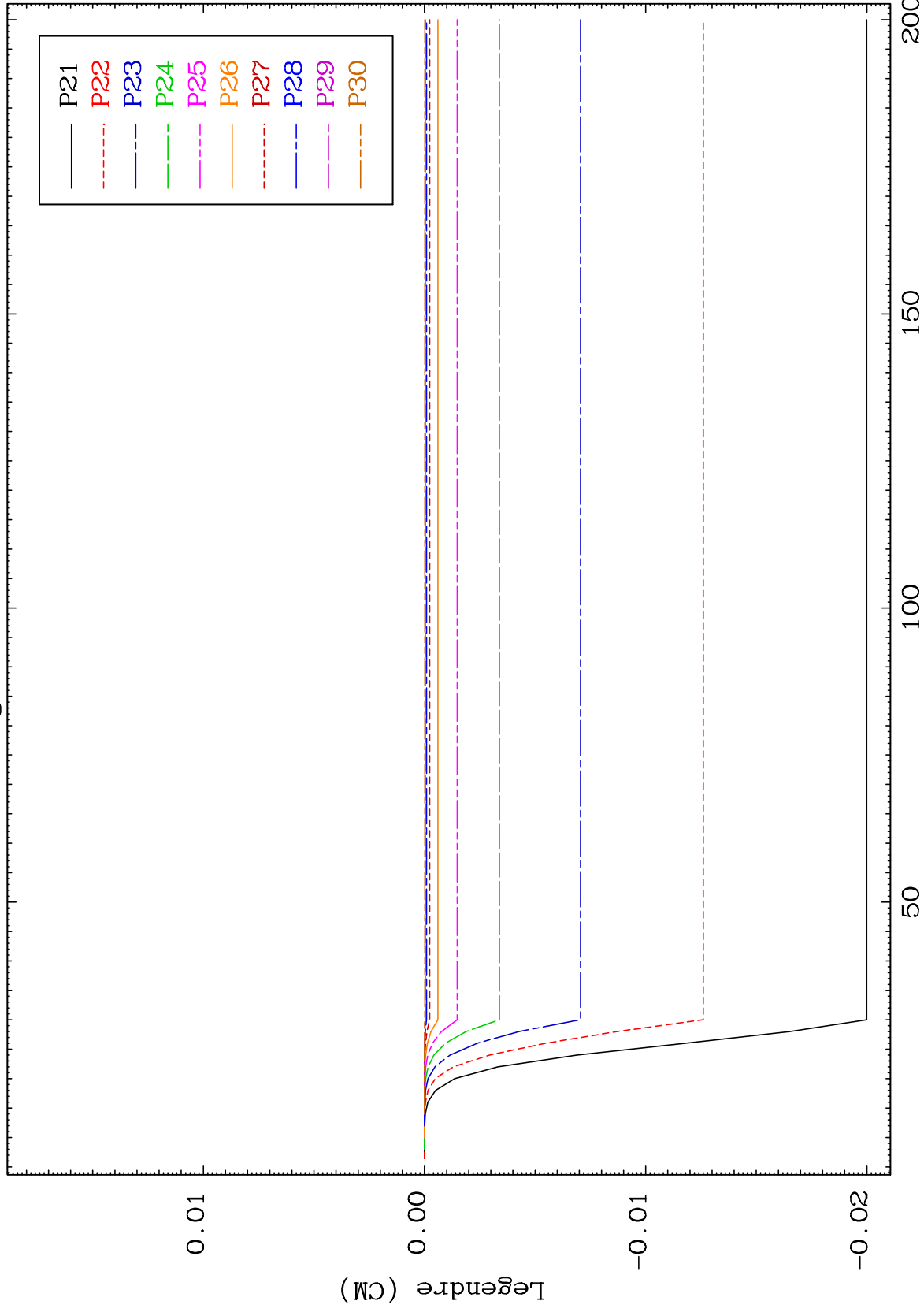




MAT 8092

167.5 keV (n,n') Level  
Legendre Coefficients

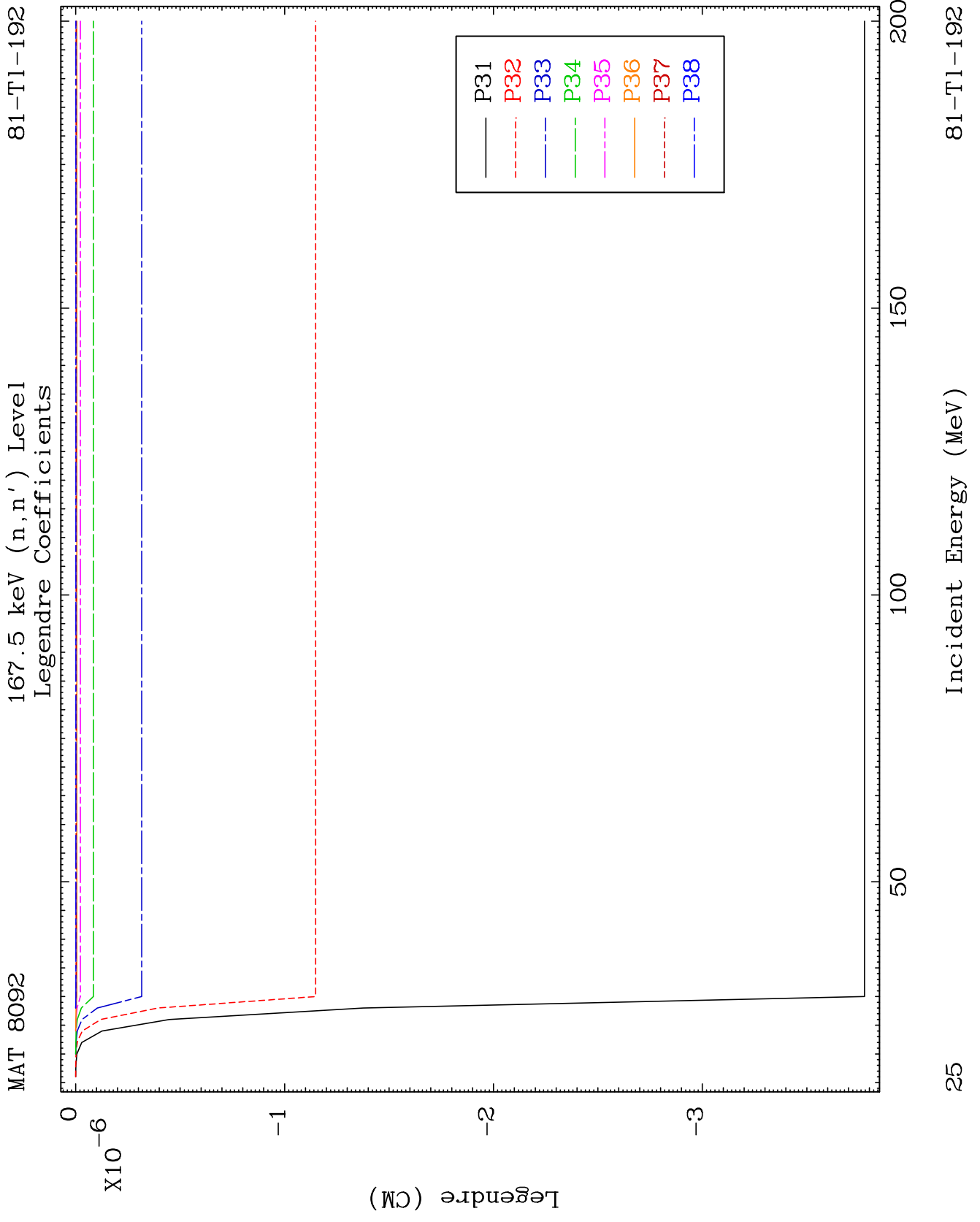
81-T1-192



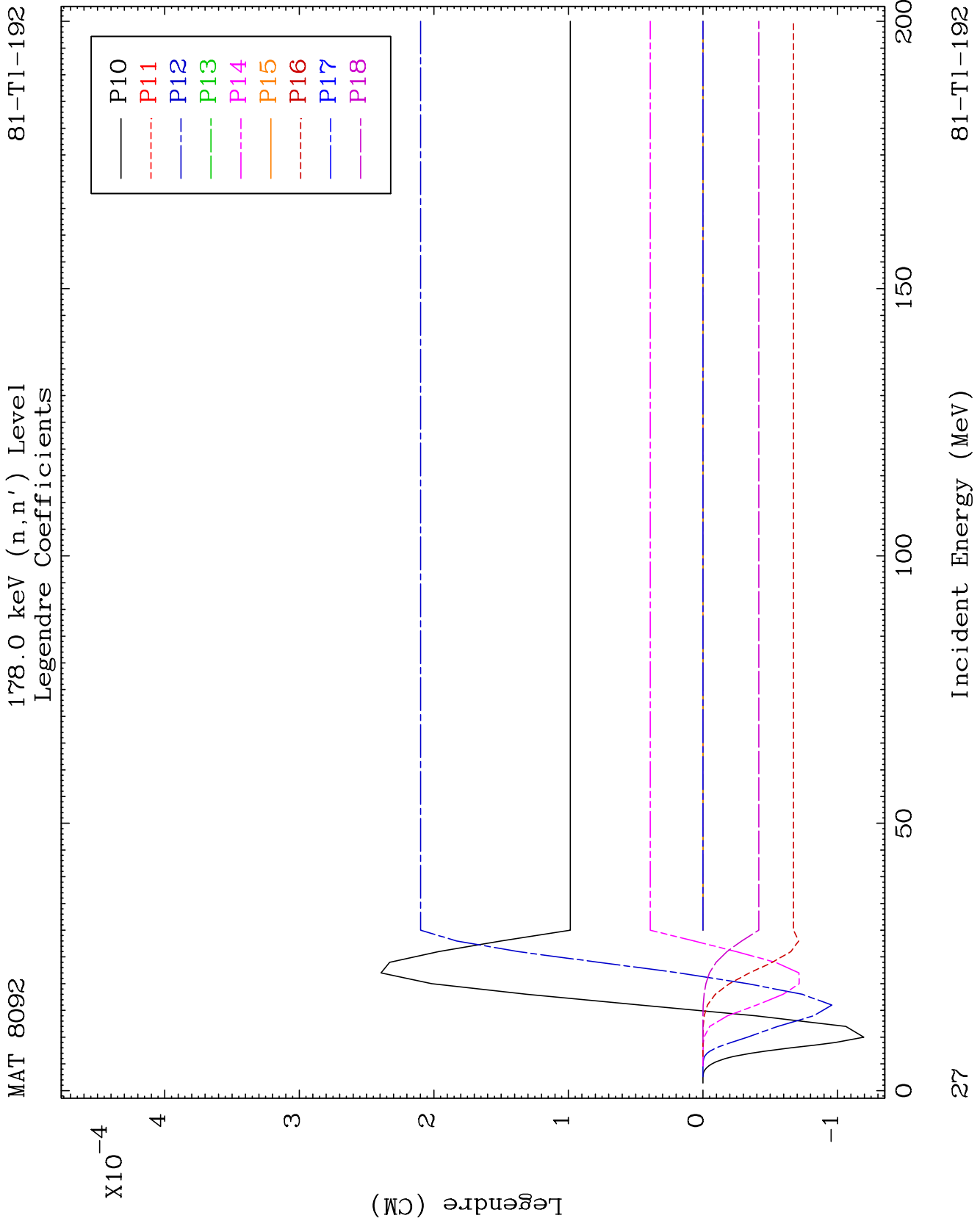
24

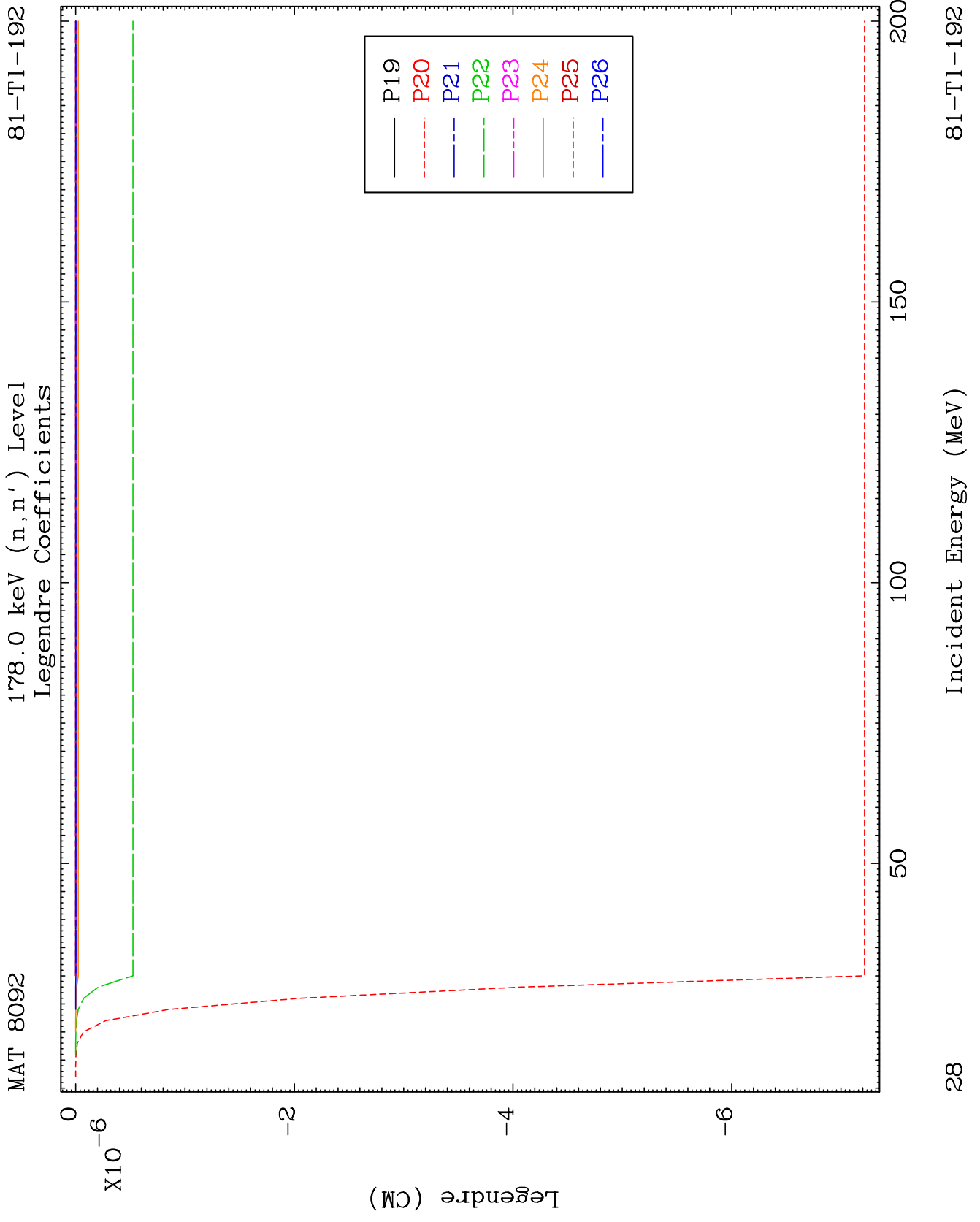
Incident Energy (MeV)

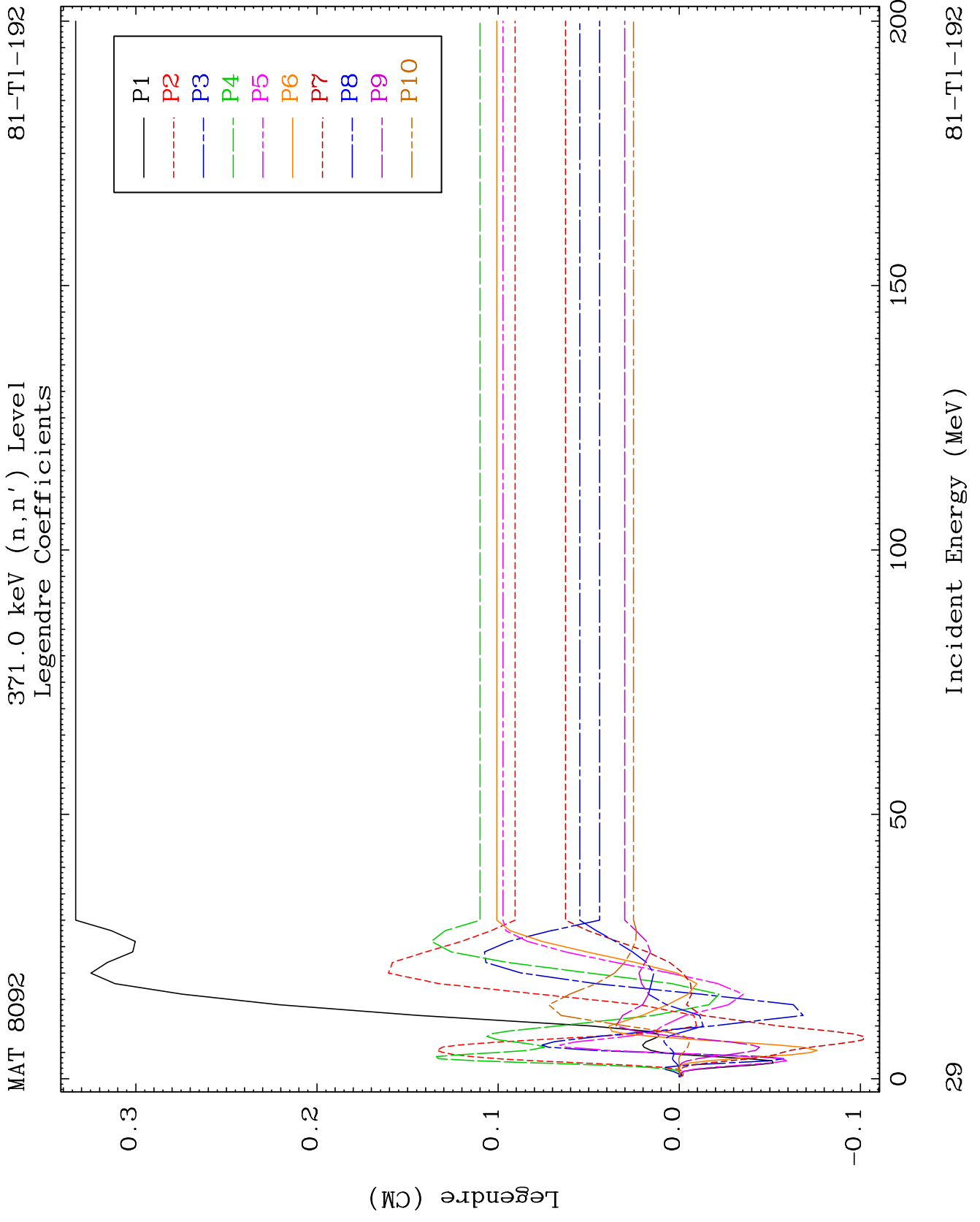
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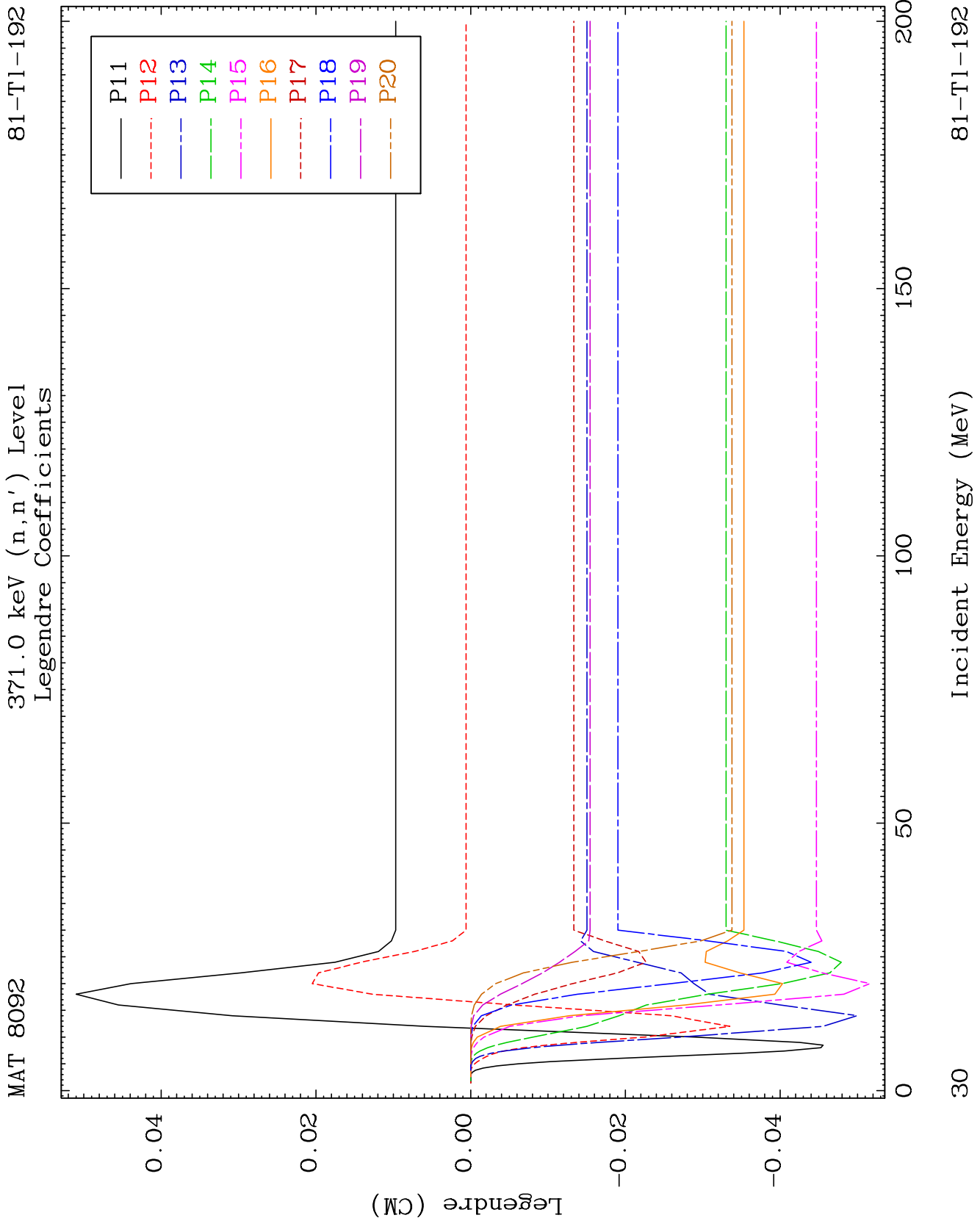


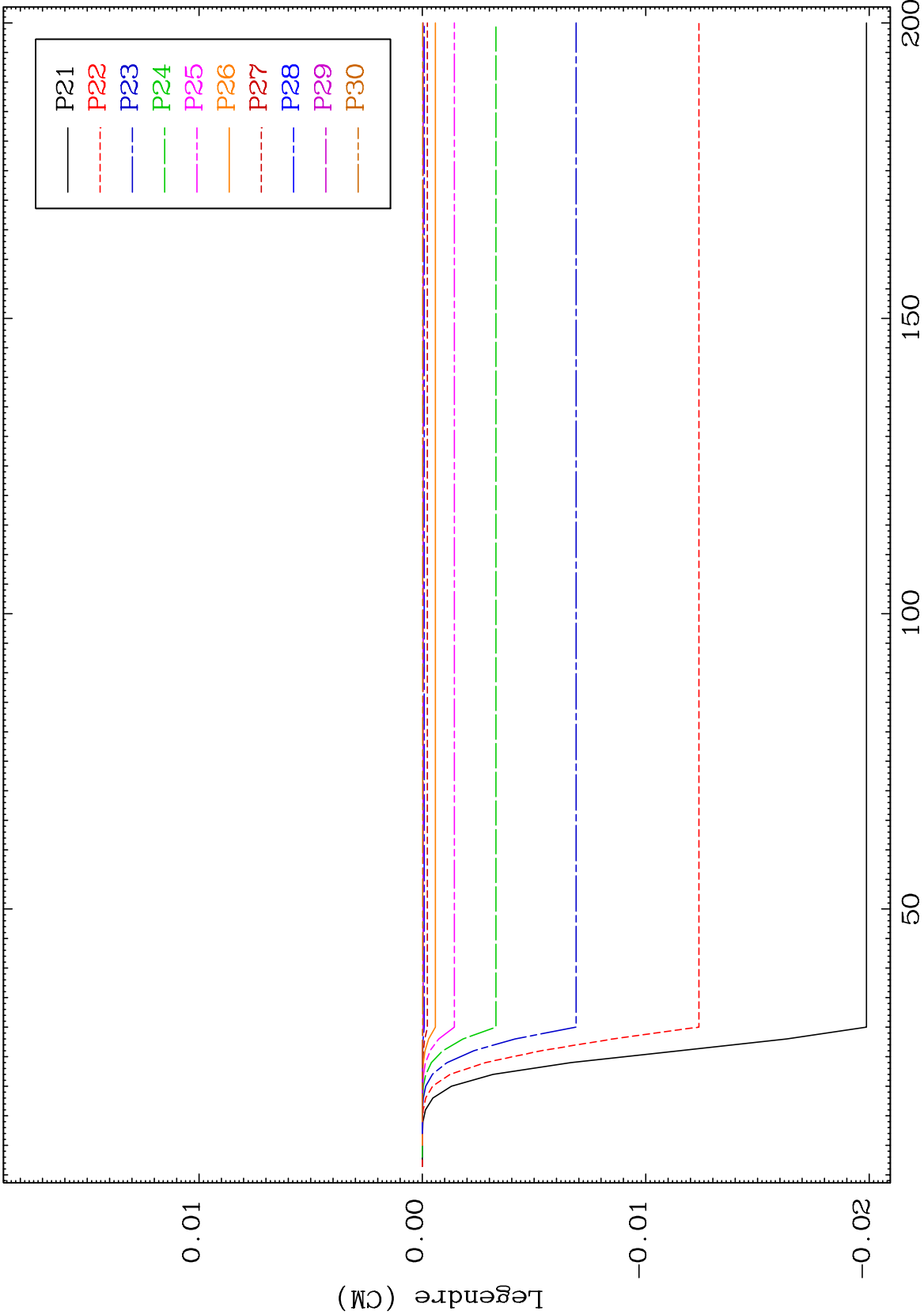




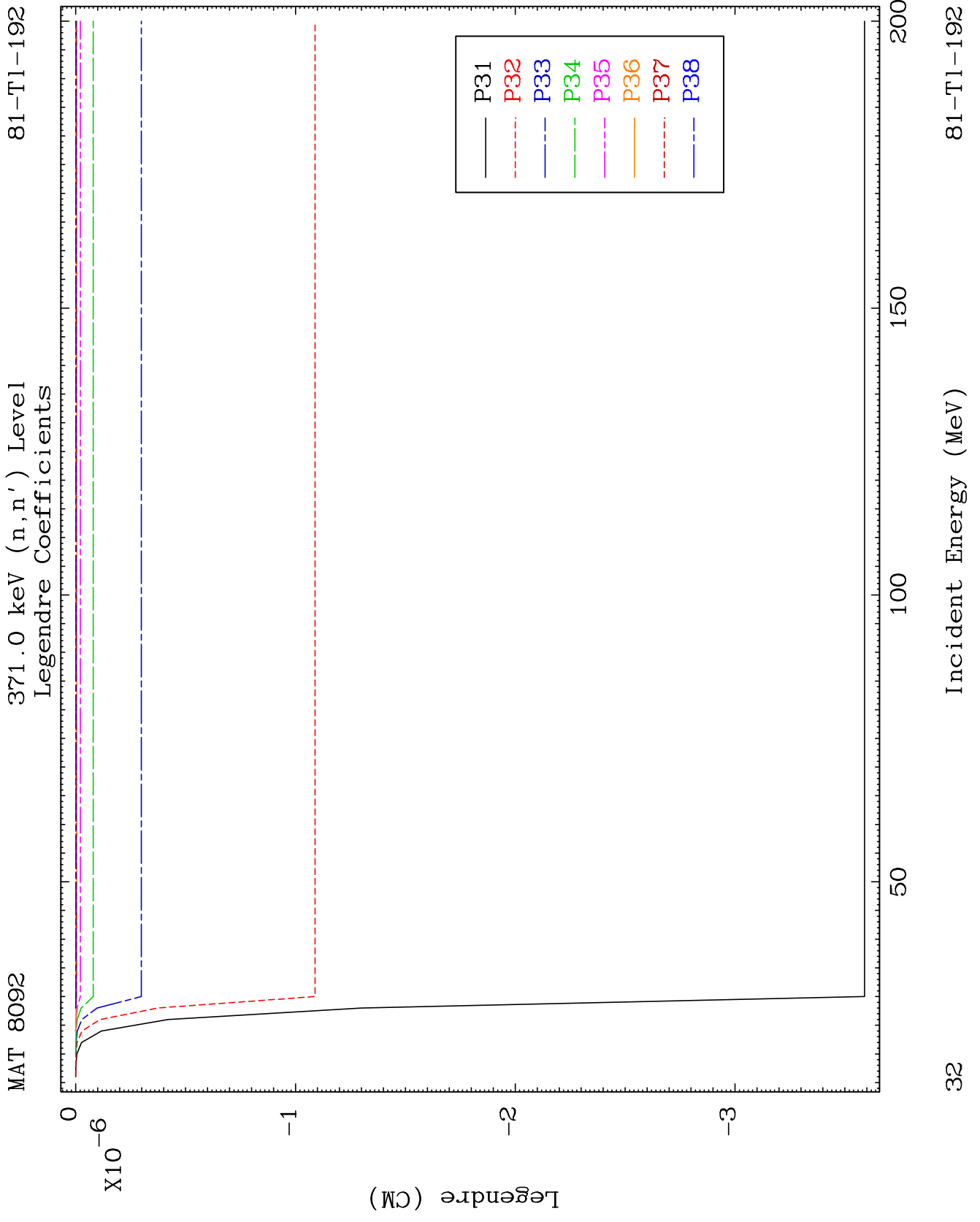








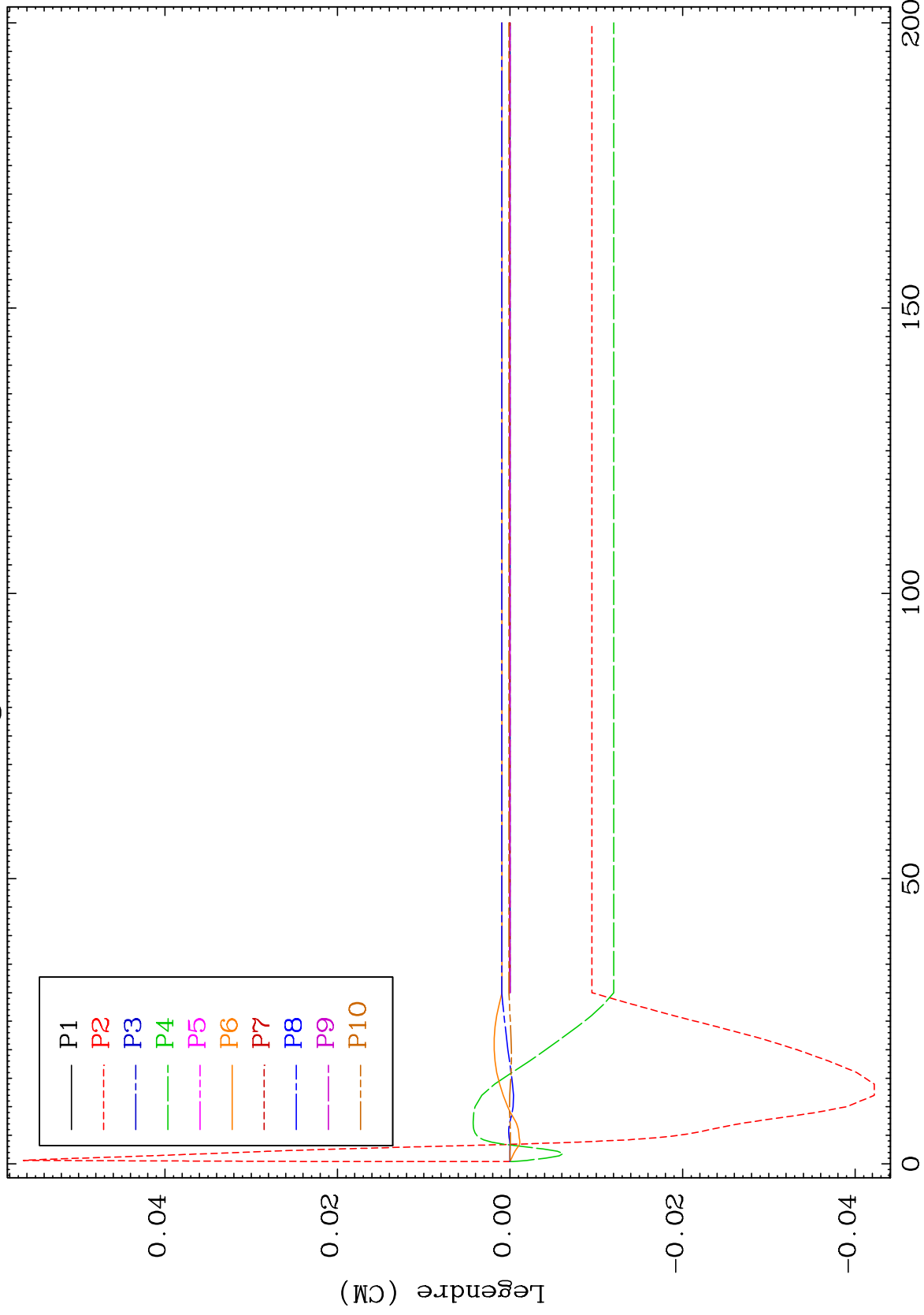




MAT 8092

388.0 keV (n,n') Level  
Legendre Coefficients

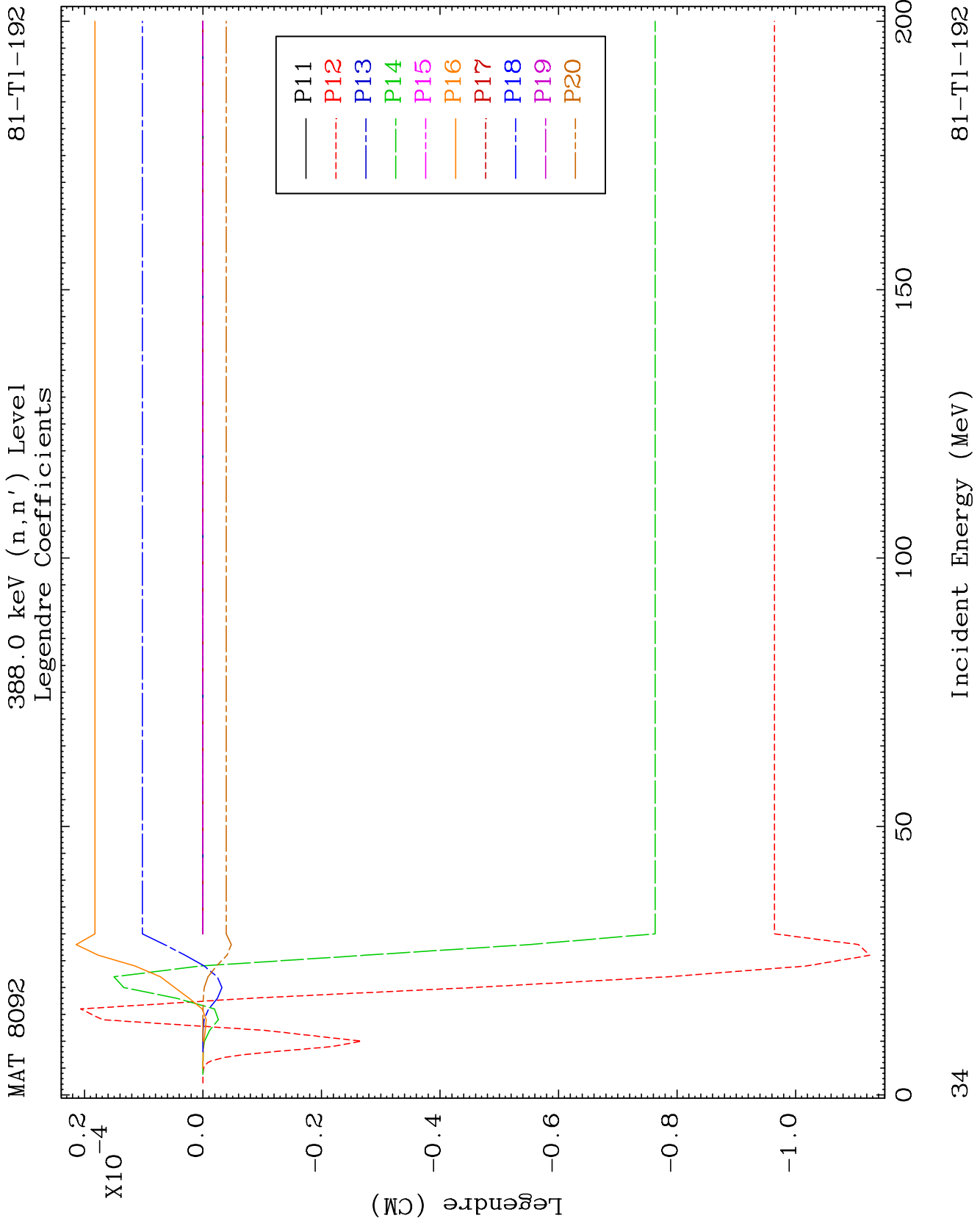
81-T1-192

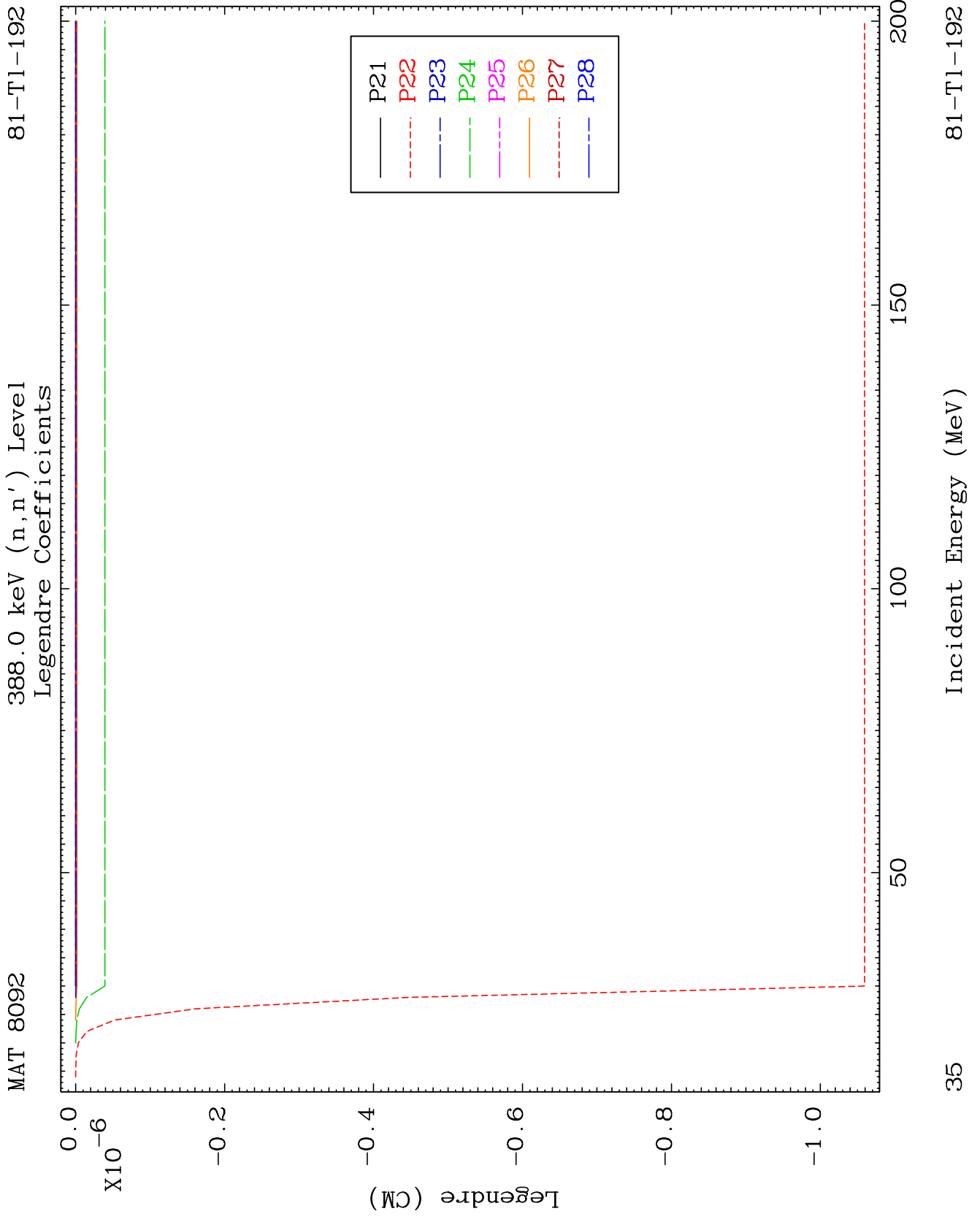


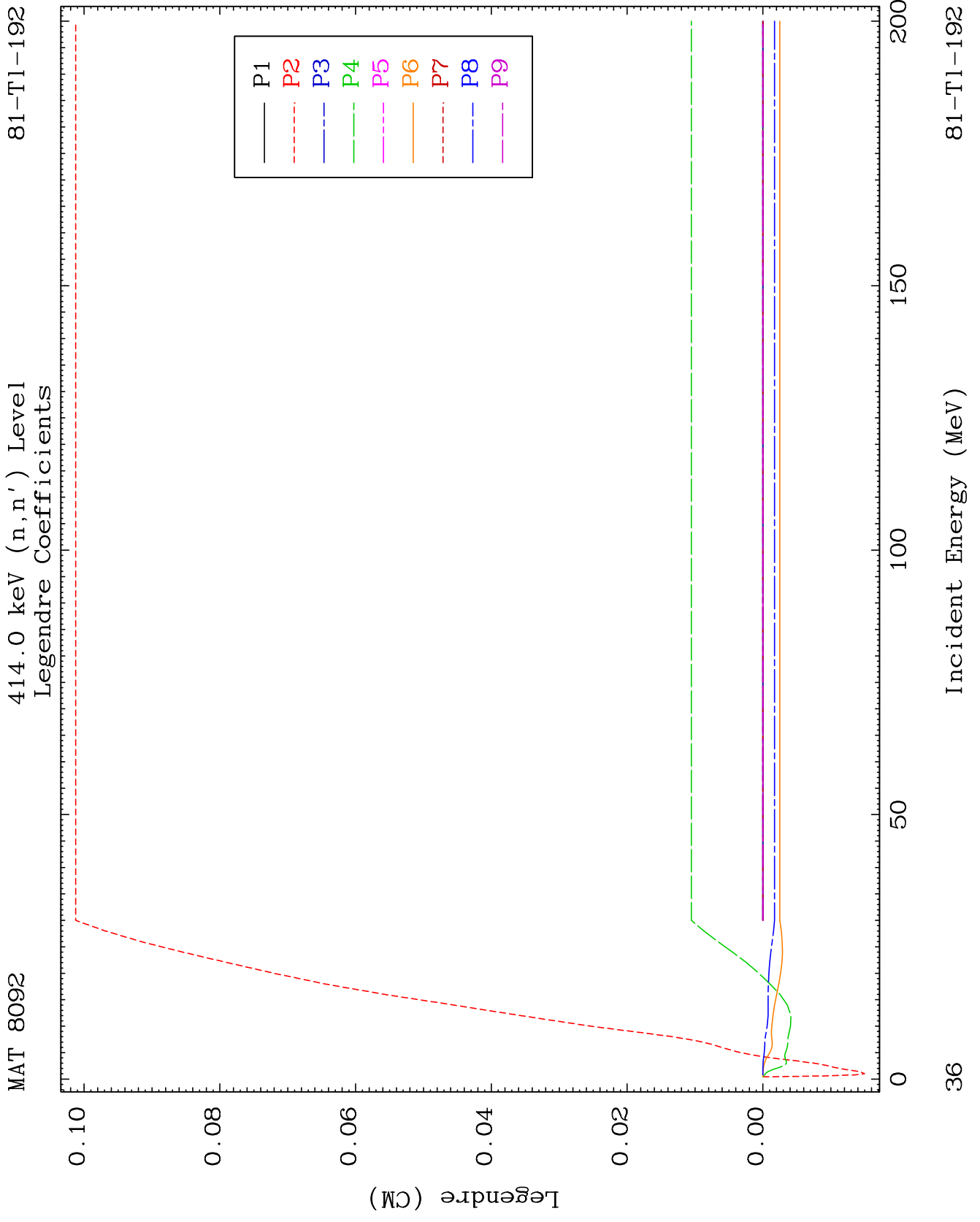
33

Incident Energy (MeV)

81-T1-192



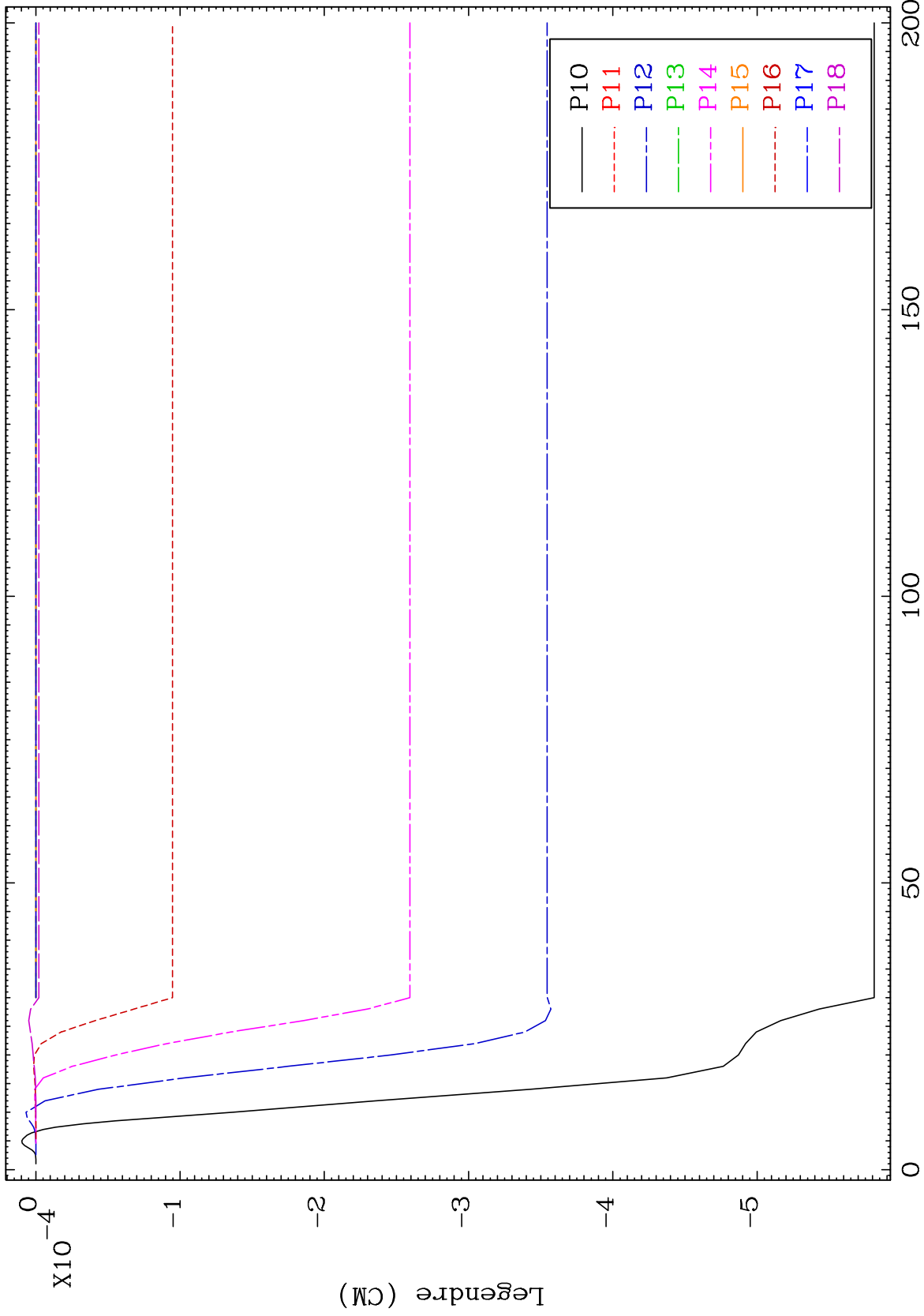




MAT 8092

414.0 keV (n,n') Level  
Legendre Coefficients

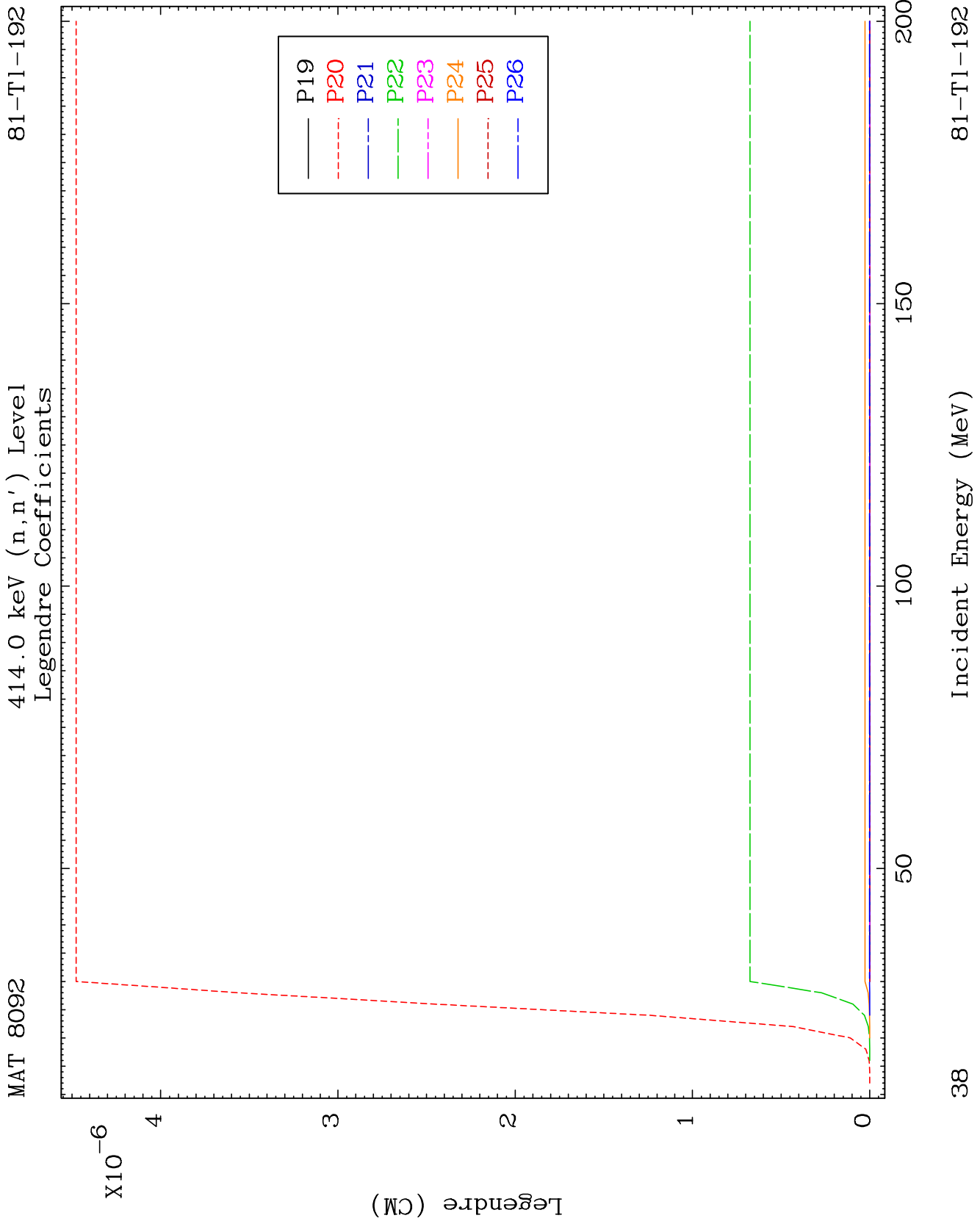
81-Tl-192



37

Incident Energy (MeV)

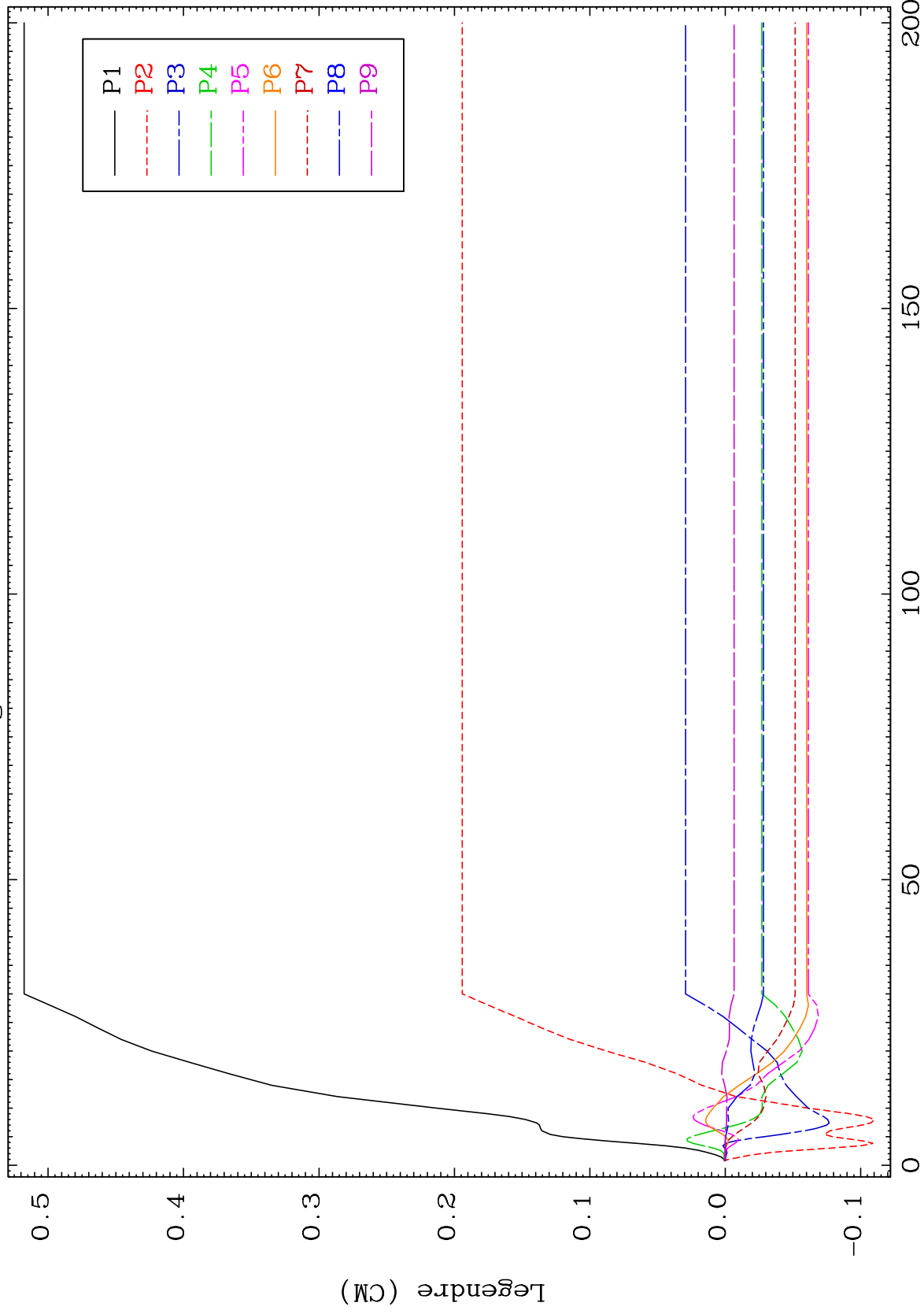
81-Tl-192



MAT 8092

775.7 keV (n,n') Level  
Legendre Coefficients

81-T1-192



39

Incident Energy (MeV)

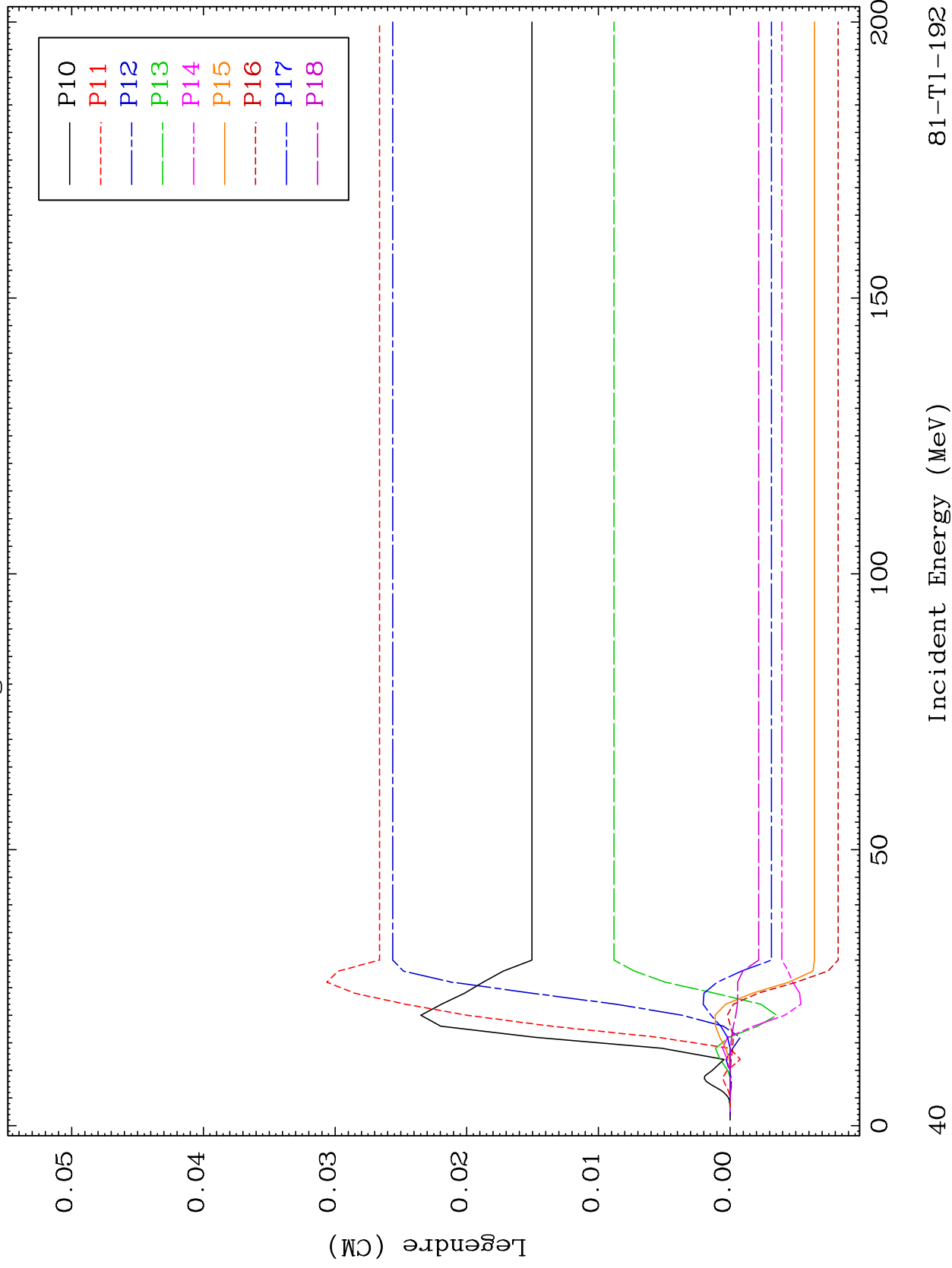
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MAT 8092

775.7 keV (n,n') Level  
Legendre Coefficients

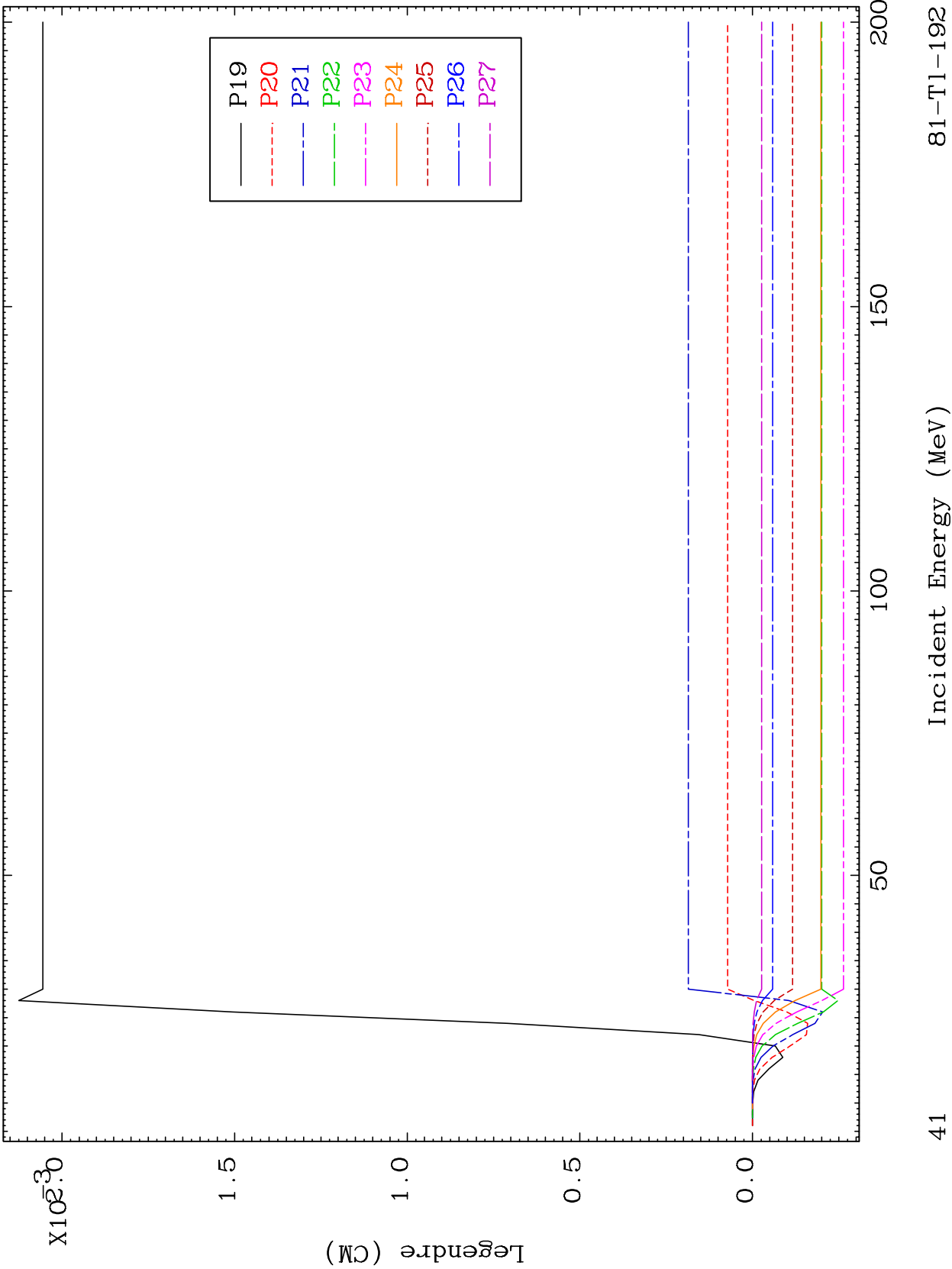
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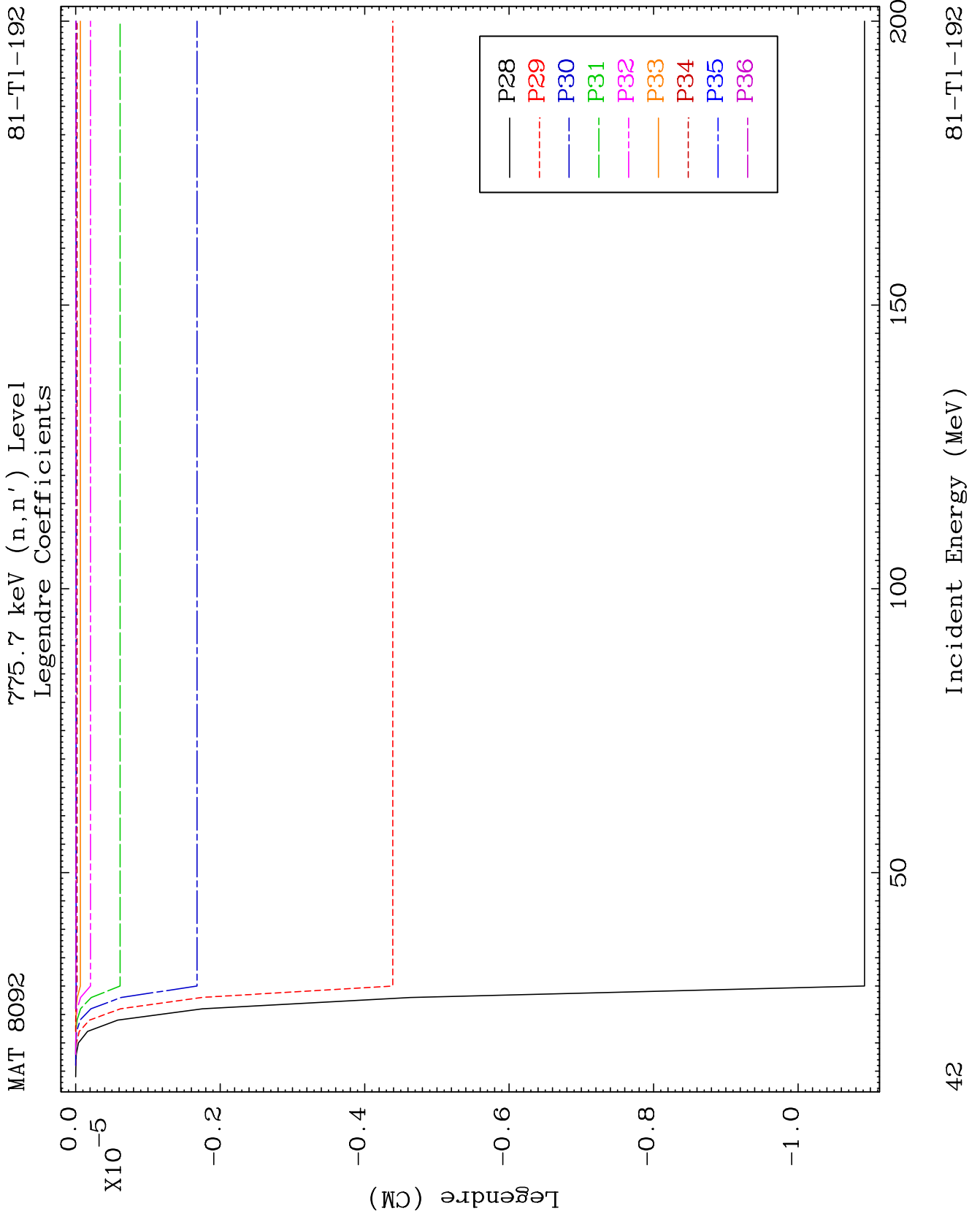


81-T1-192

Incident Energy (MeV)

40

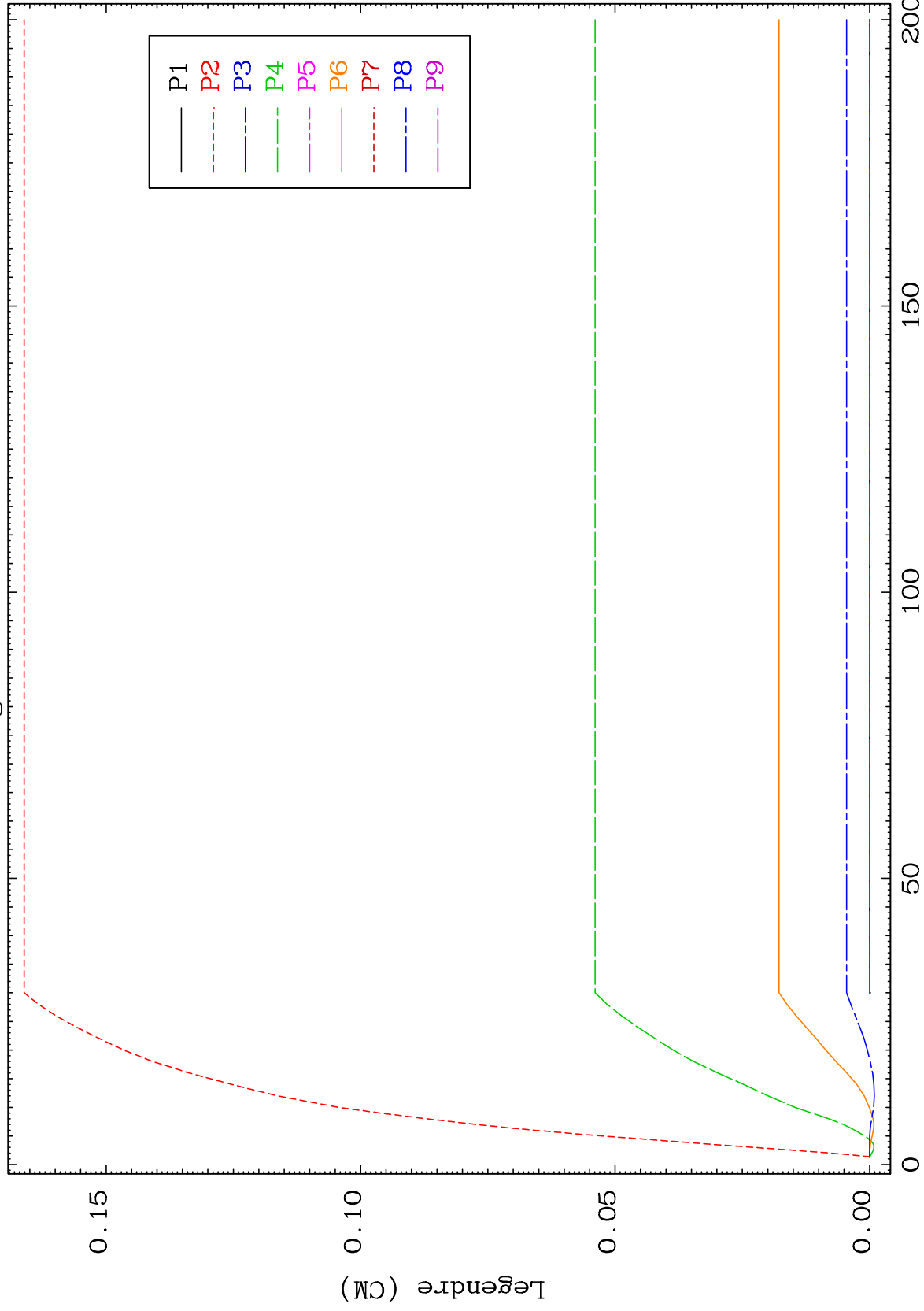




MAT 8092

1.195 MeV (n,n') Level  
Legendre Coefficients

81-T1-192



43

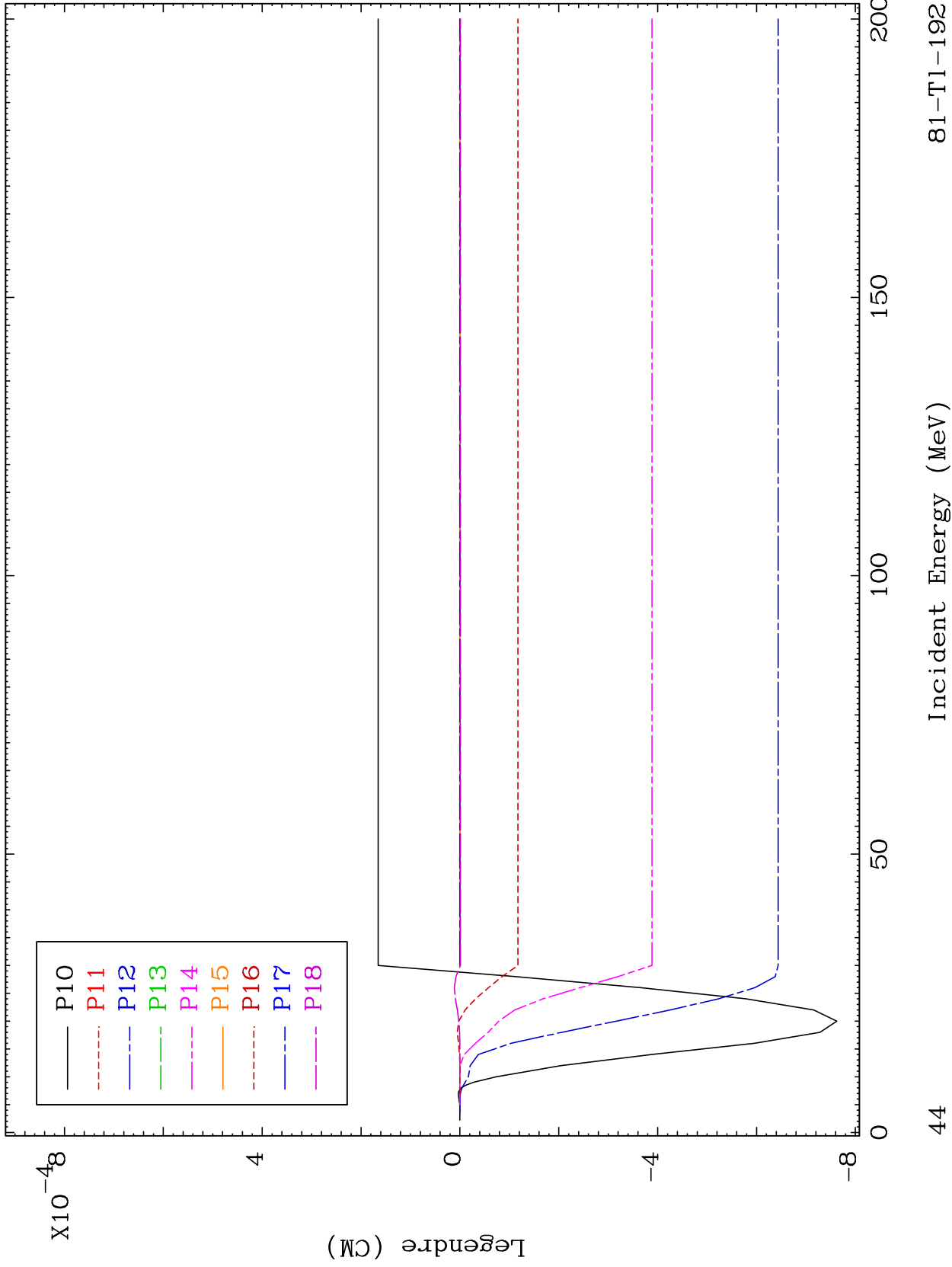
Incident Energy (MeV)

81-T1-192

MAT 8092

1.195 MeV (n,n') Level  
Legendre Coefficients

81-T1-192



44

Incident Energy (MeV)

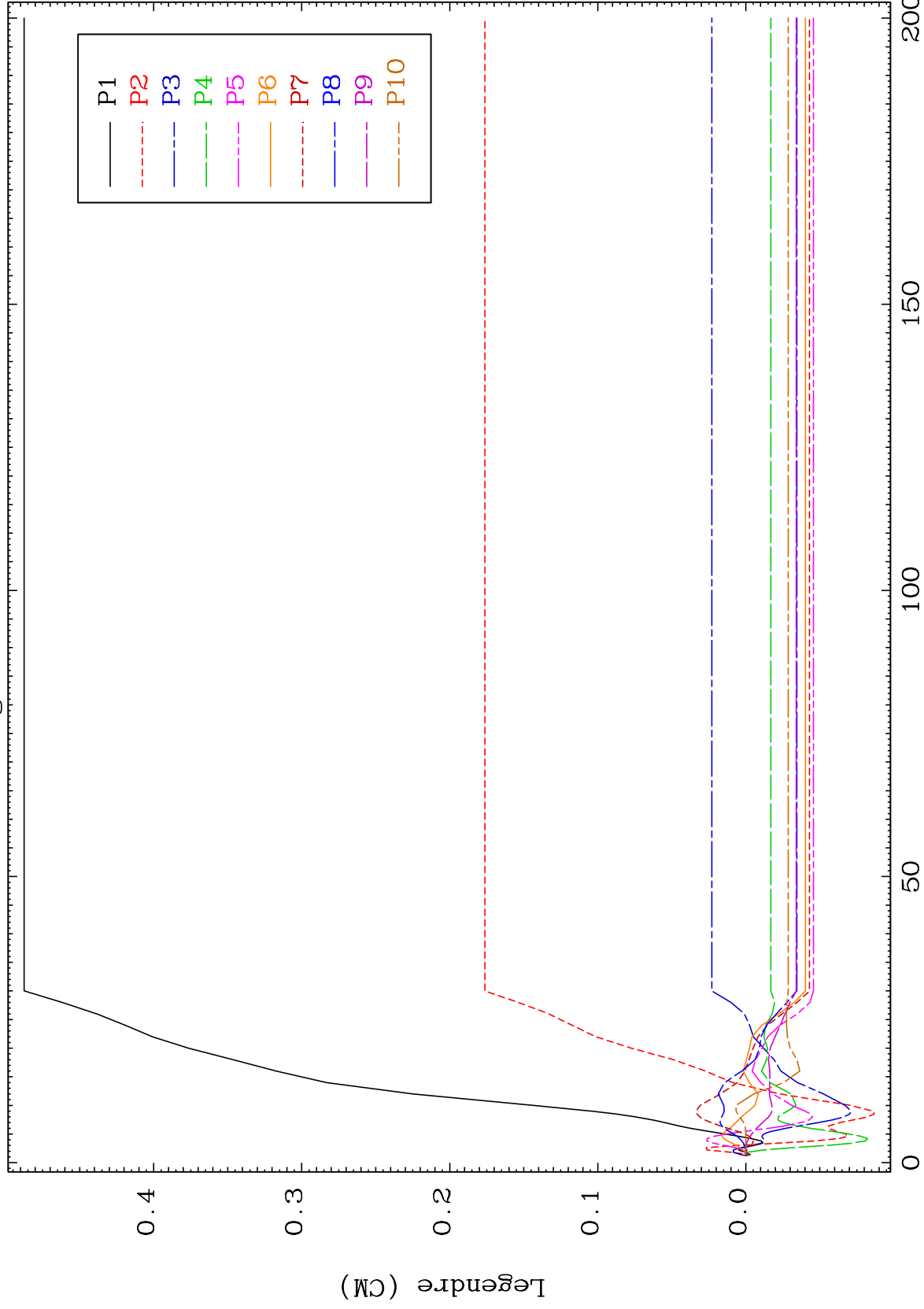
81-T1-192



MAT 8092

1.197 MeV (n,n') Level  
Legendre Coefficients

81-T1-192



46

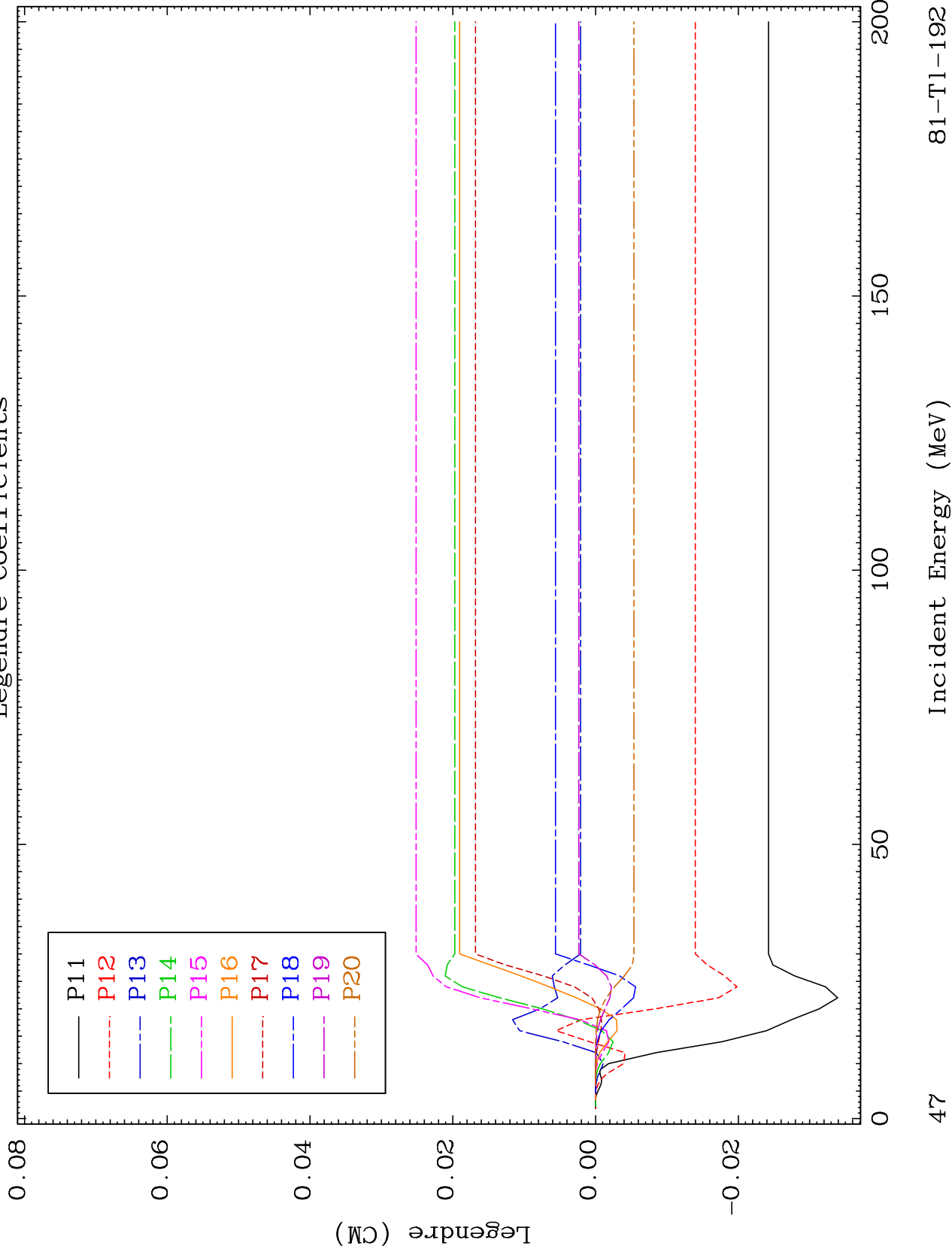
Incident Energy (MeV)

81-T1-192

MAT 8092

1.197 MeV (n,n') Level  
Legendre Coefficients

81-T1-192



47

Incident Energy (MeV)

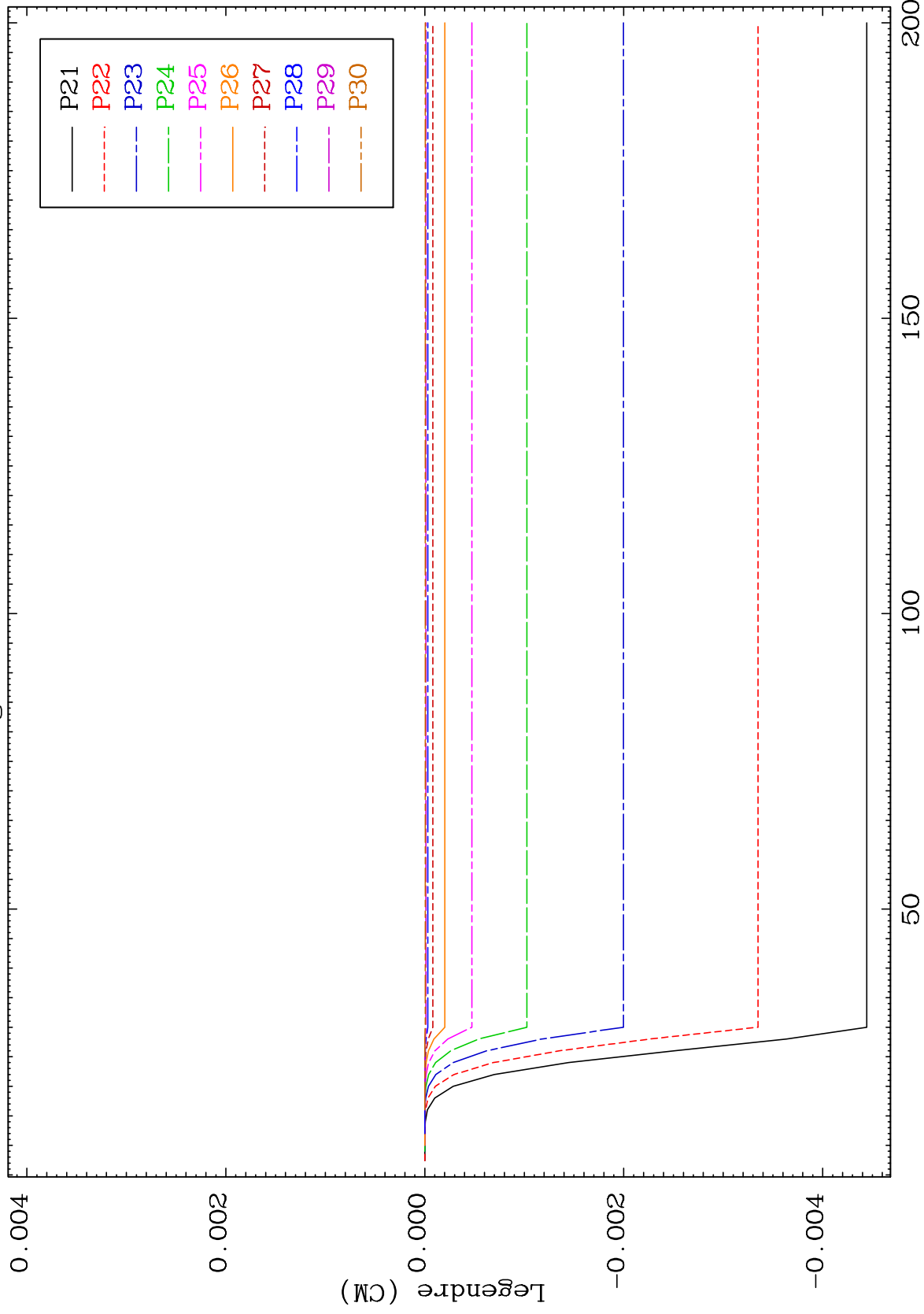
81-T1-192



MAT 8092

1.197 MeV (n,n') Level  
Legendre Coefficients

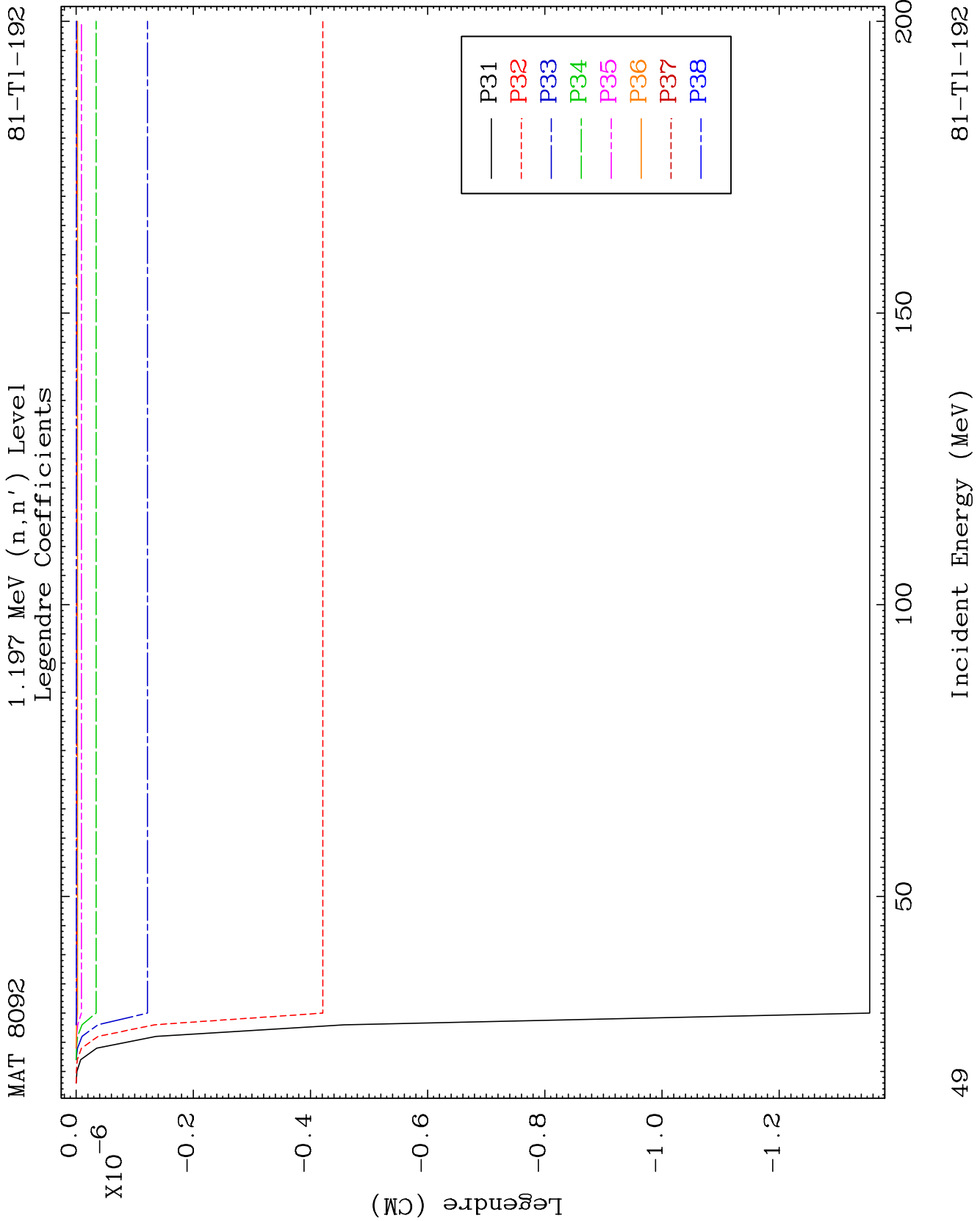
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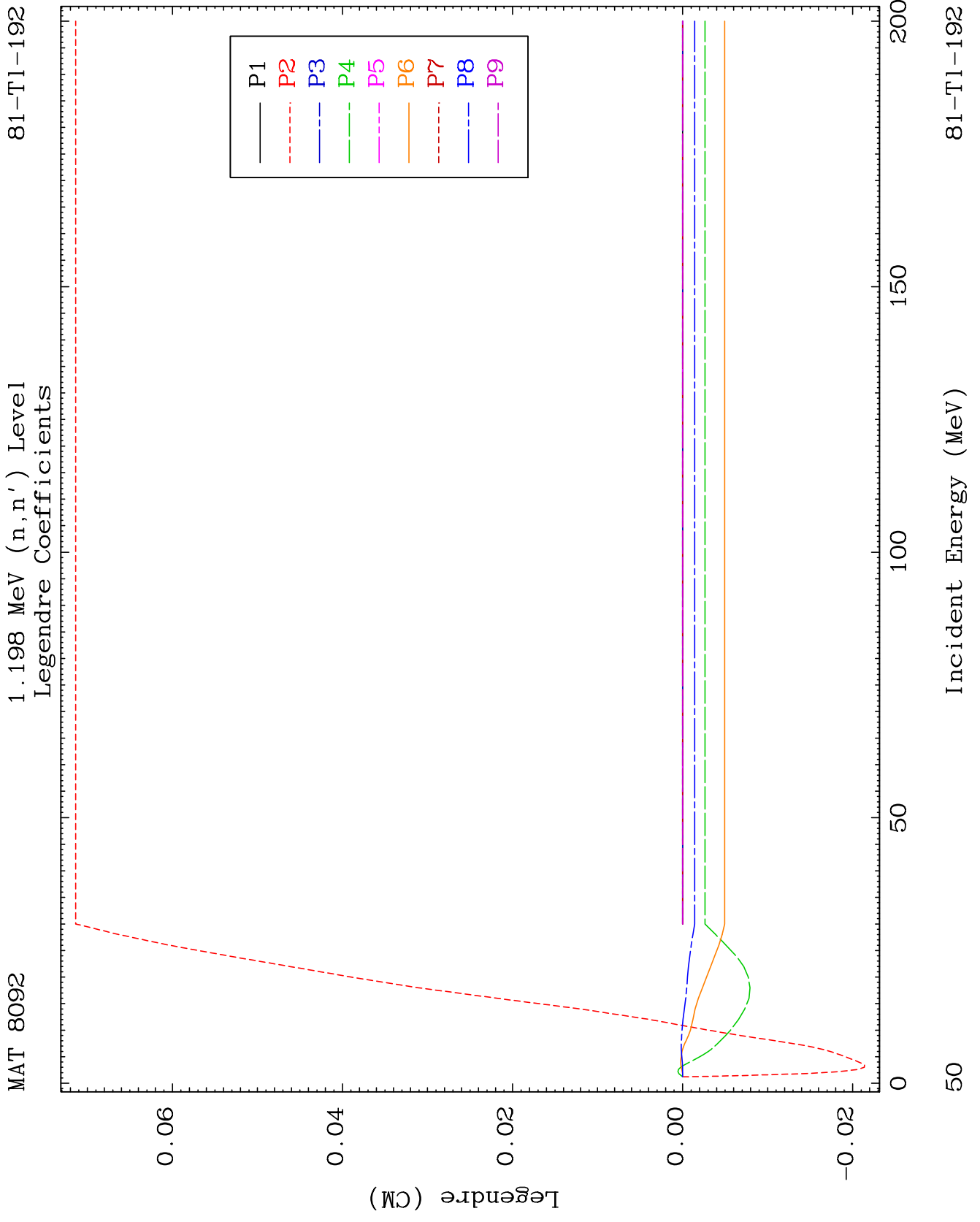


48

Incident Energy (MeV)

81-T1-192

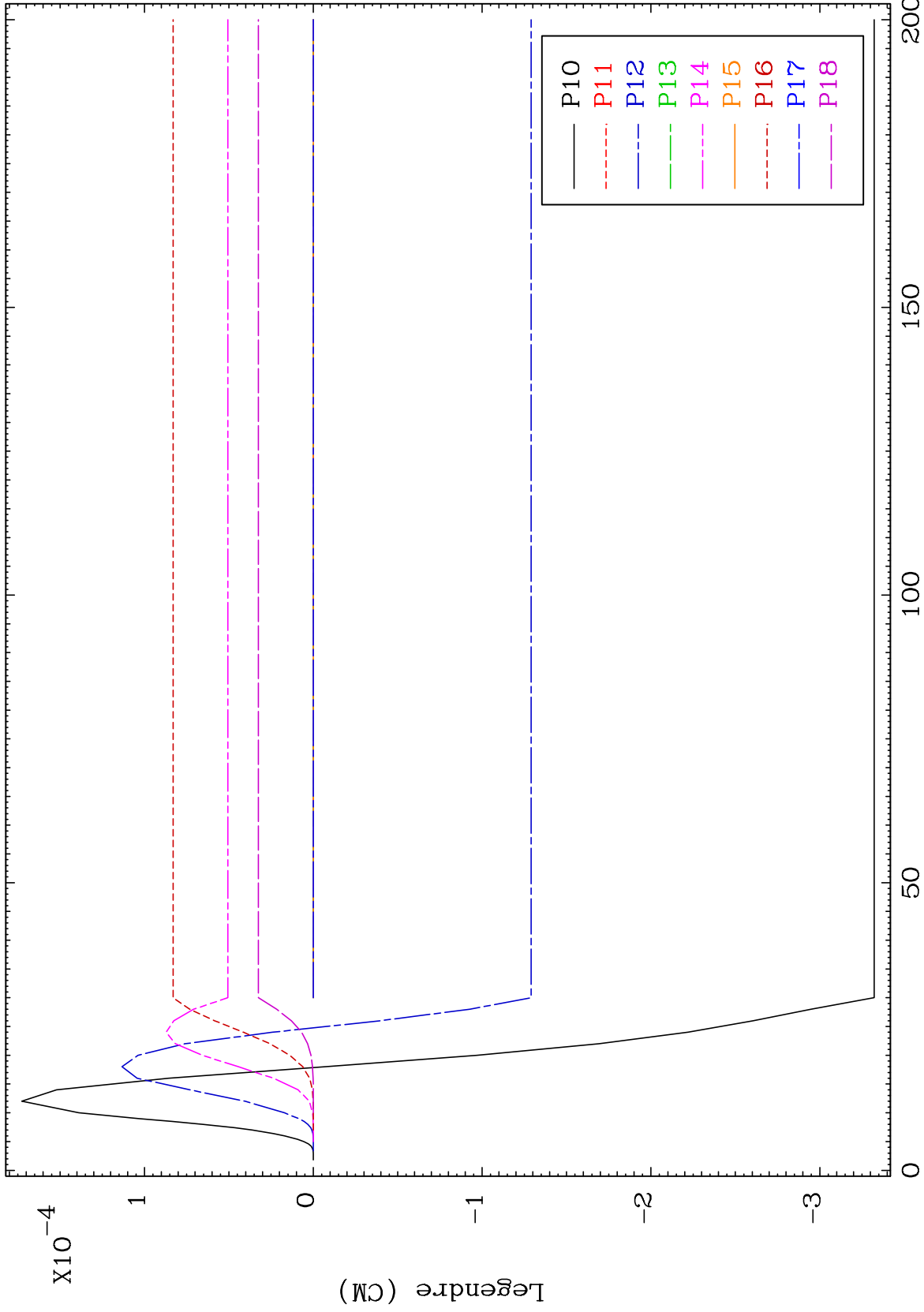




MAT 8092

1.198 MeV (n,n') Level  
Legendre Coefficients

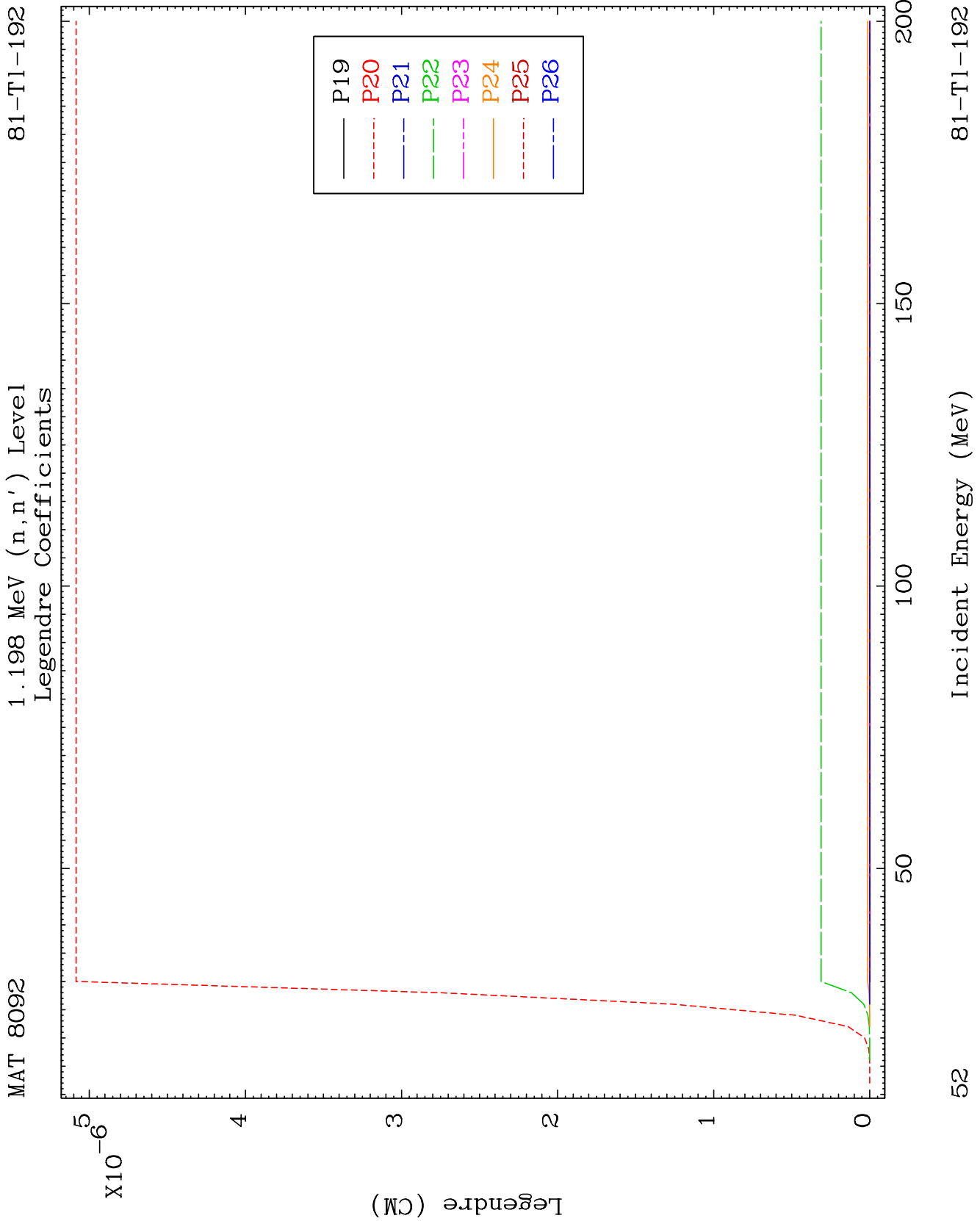
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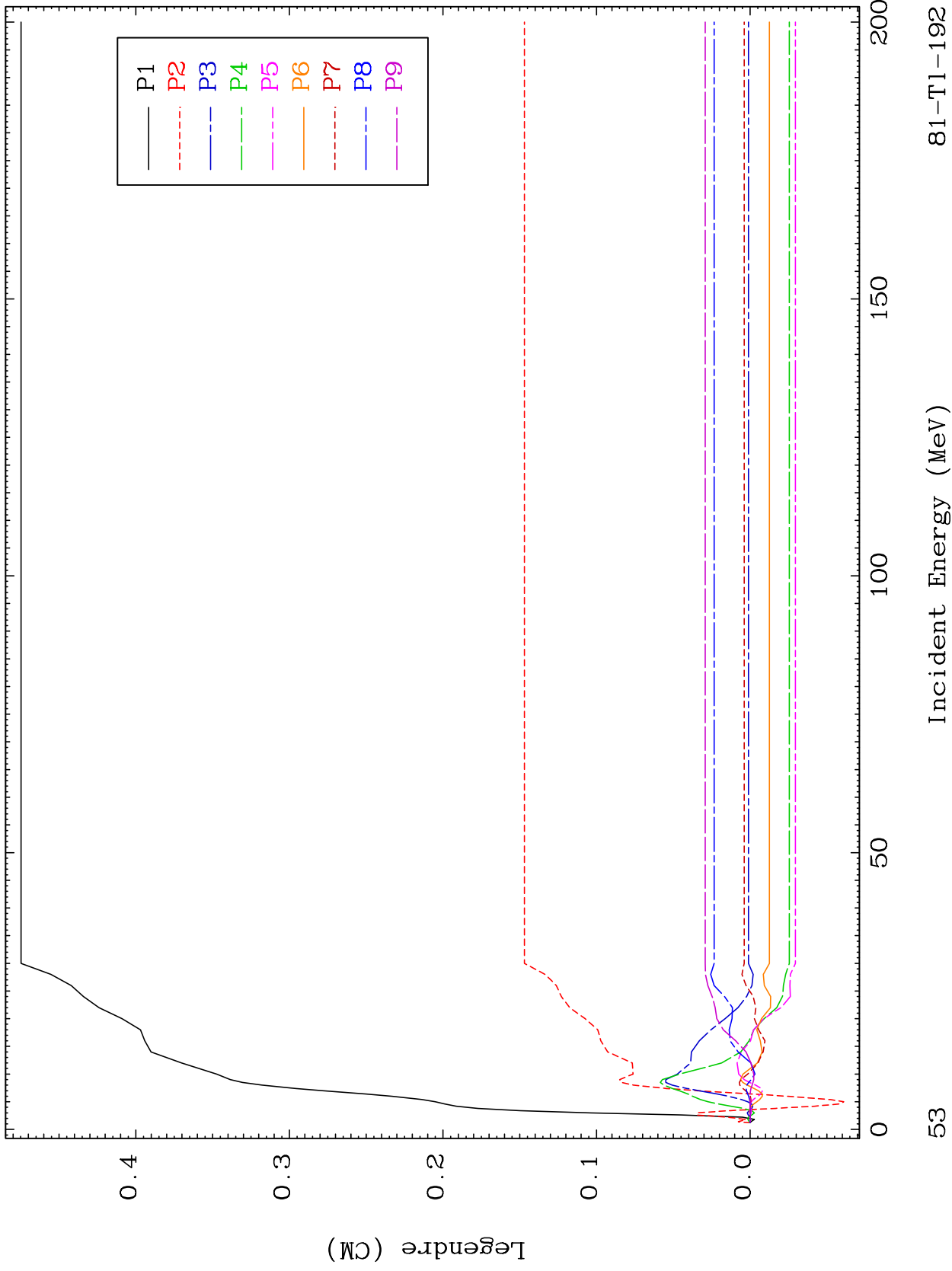


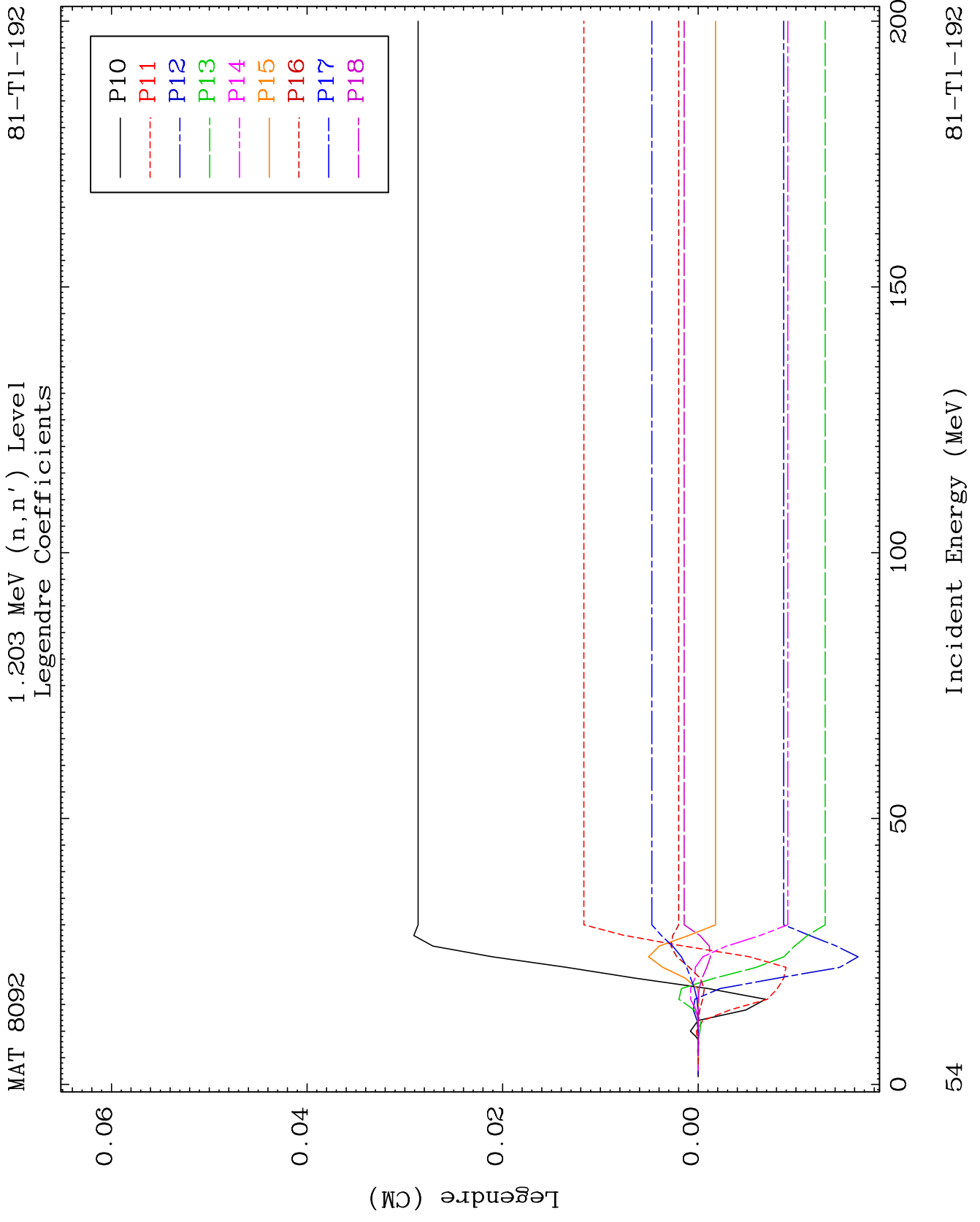
51

Incident Energy (MeV)

81-T1-192



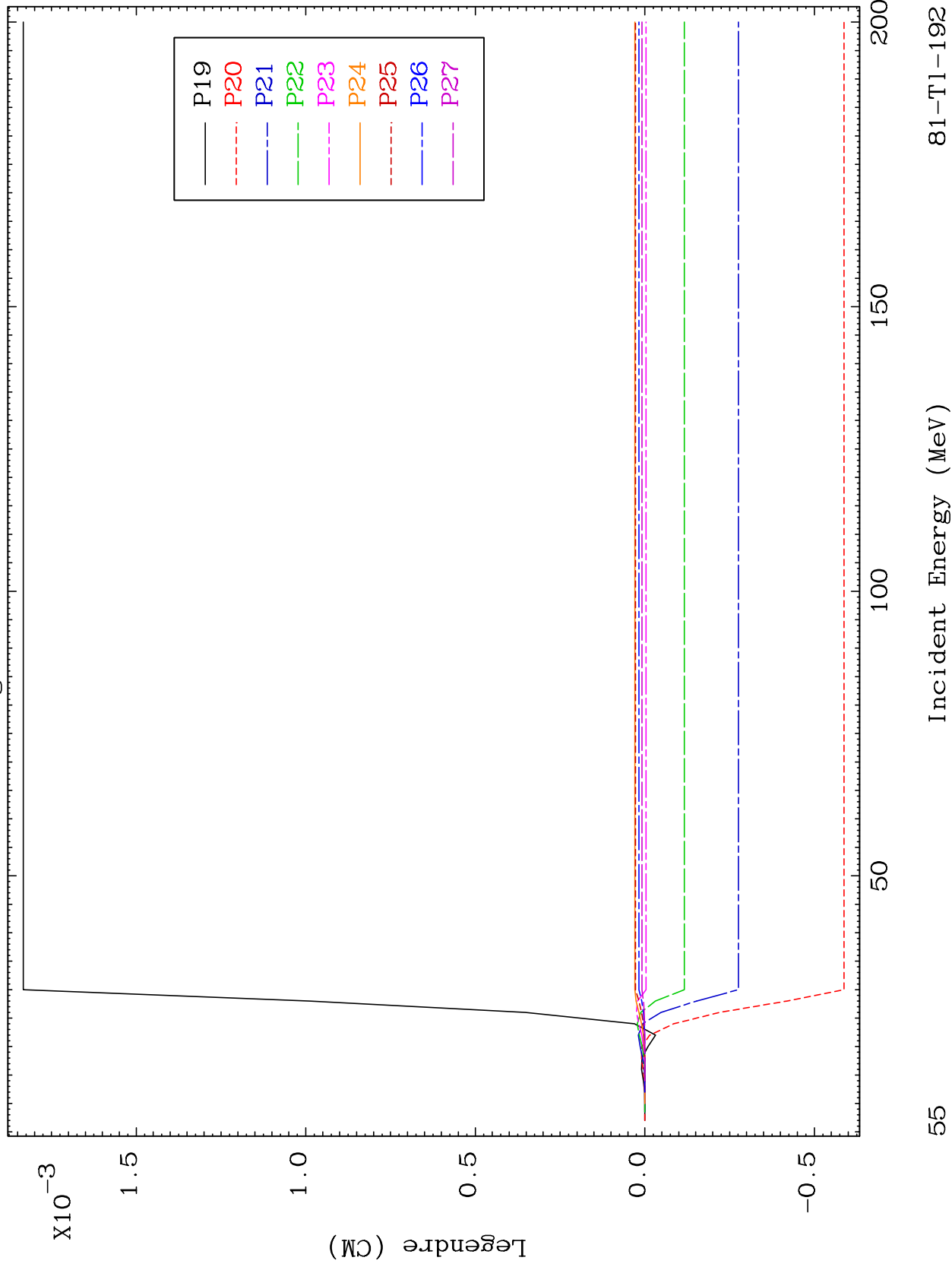




MAT 8092

1.203 MeV (n,n') Level  
Legendre Coefficients

81-Tl-192



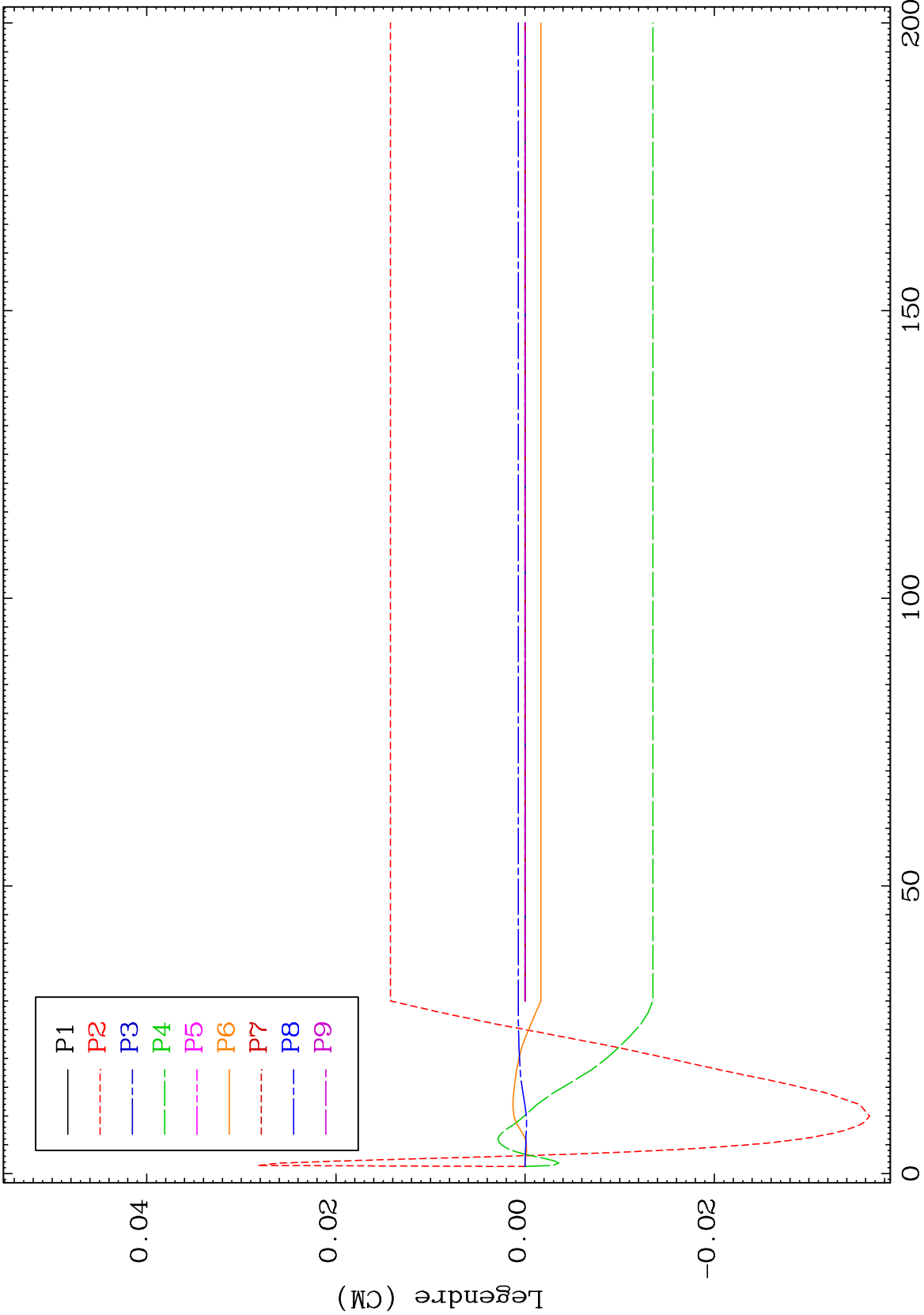
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Incident Energy (MeV)

81-Tl-192



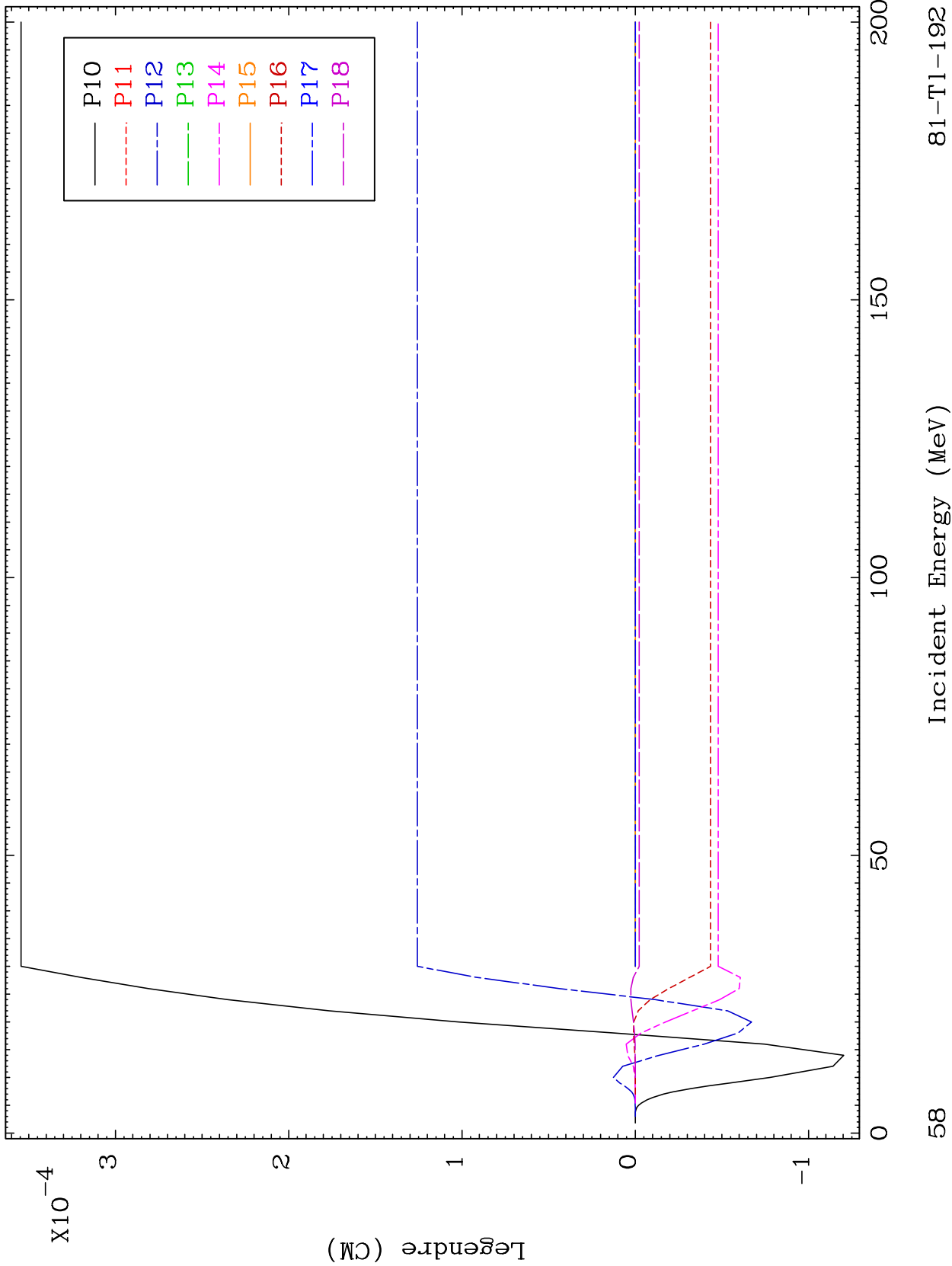




MAT 8092

1.212 MeV (n,n') Level  
Legendre Coefficients

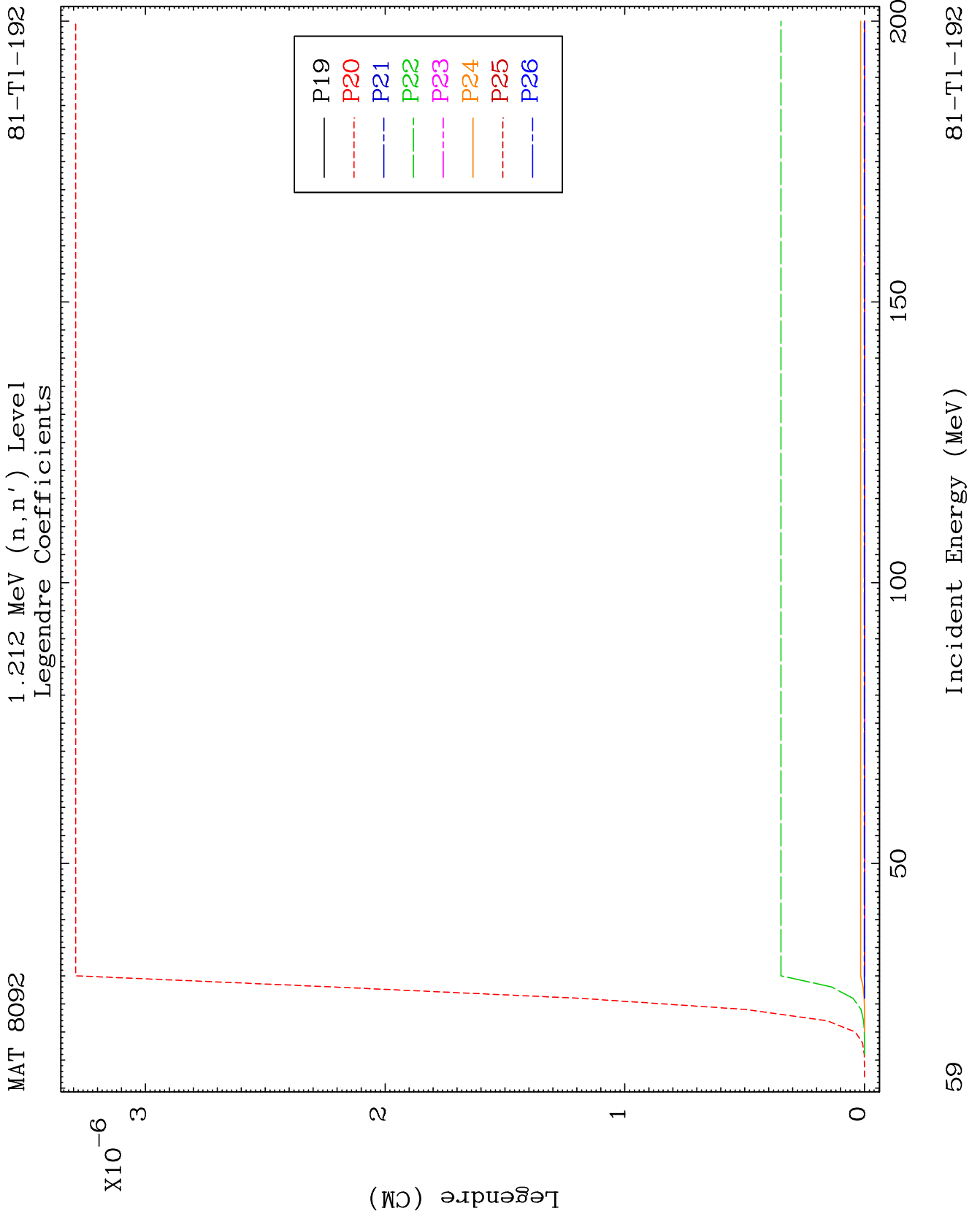
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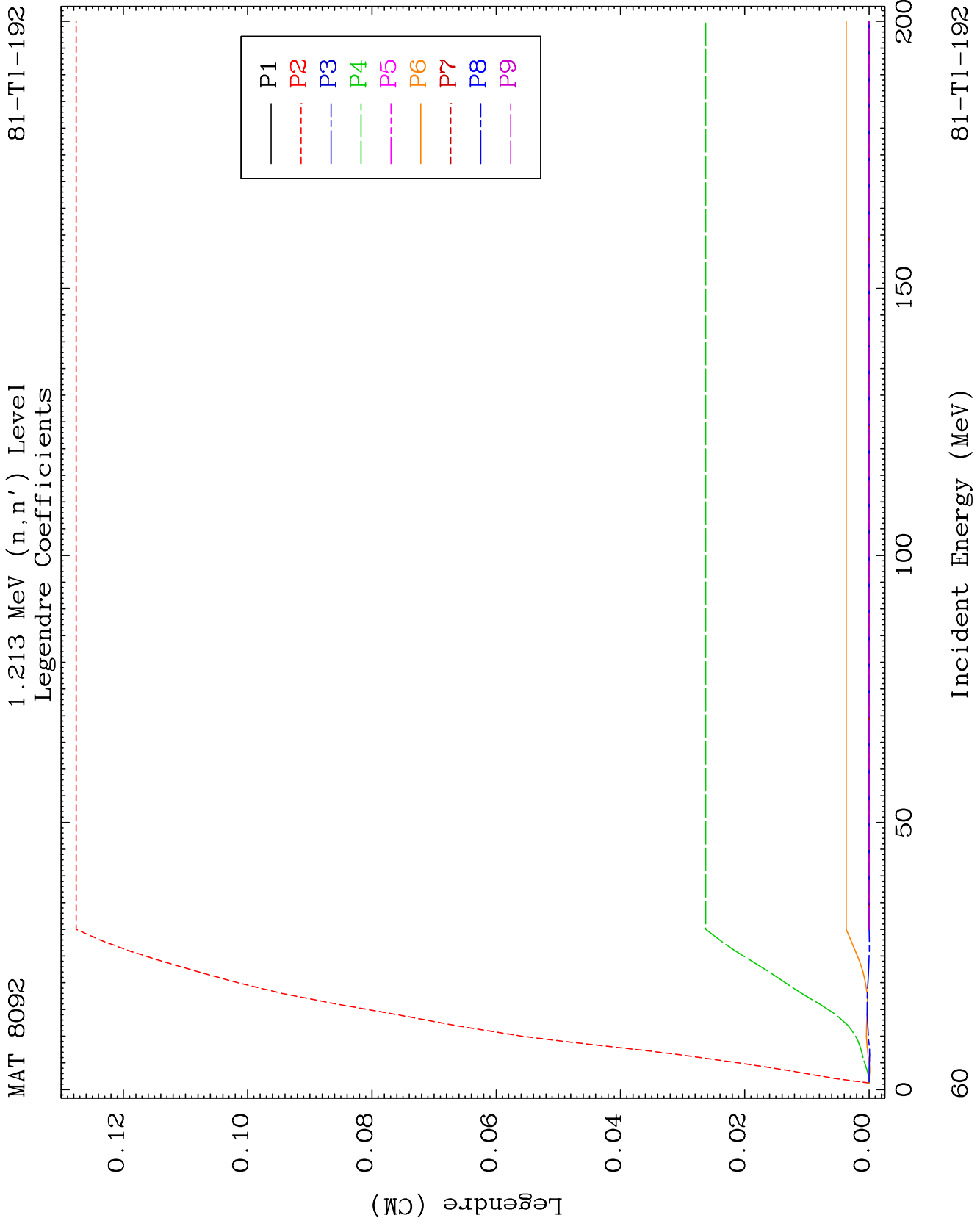


58

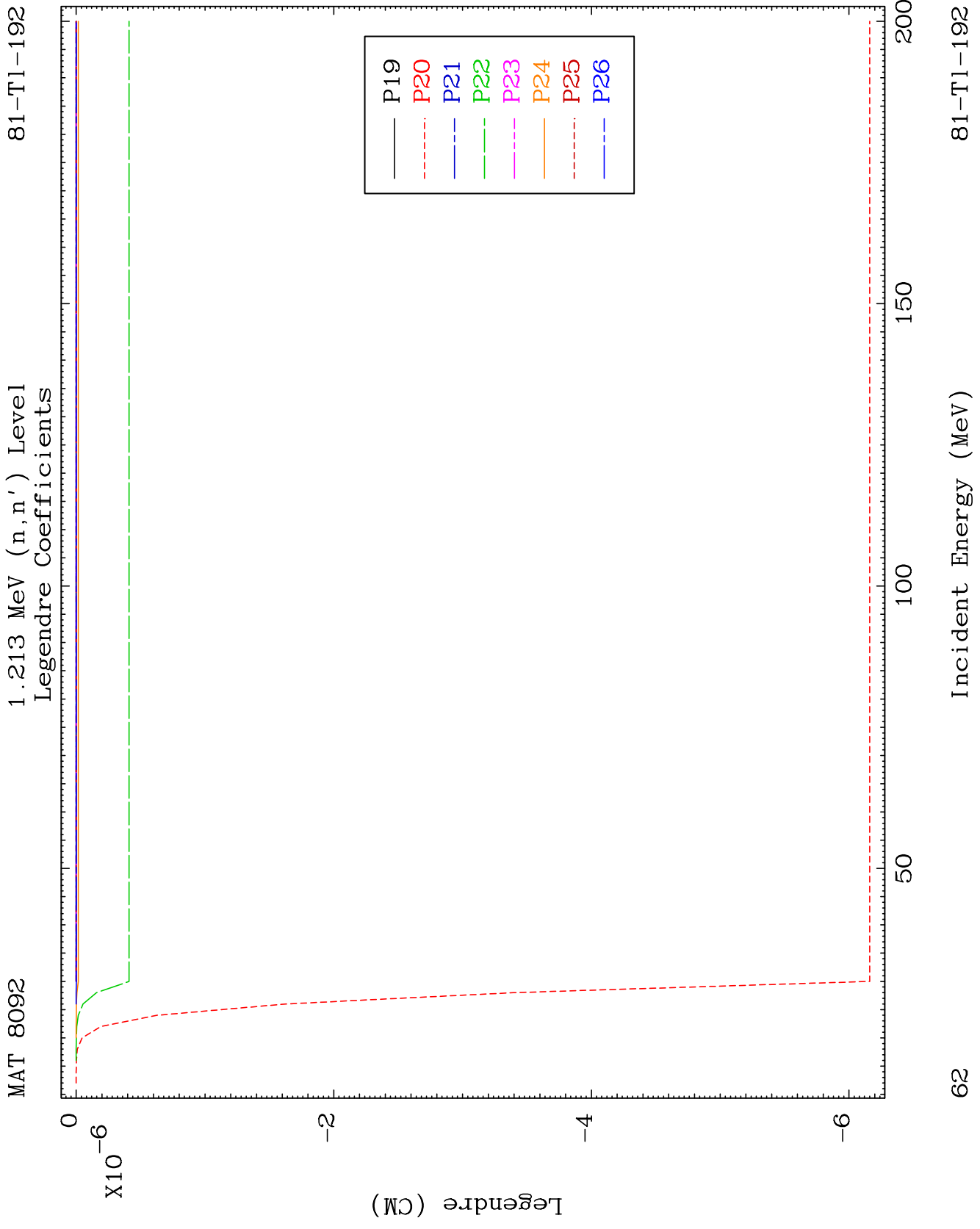
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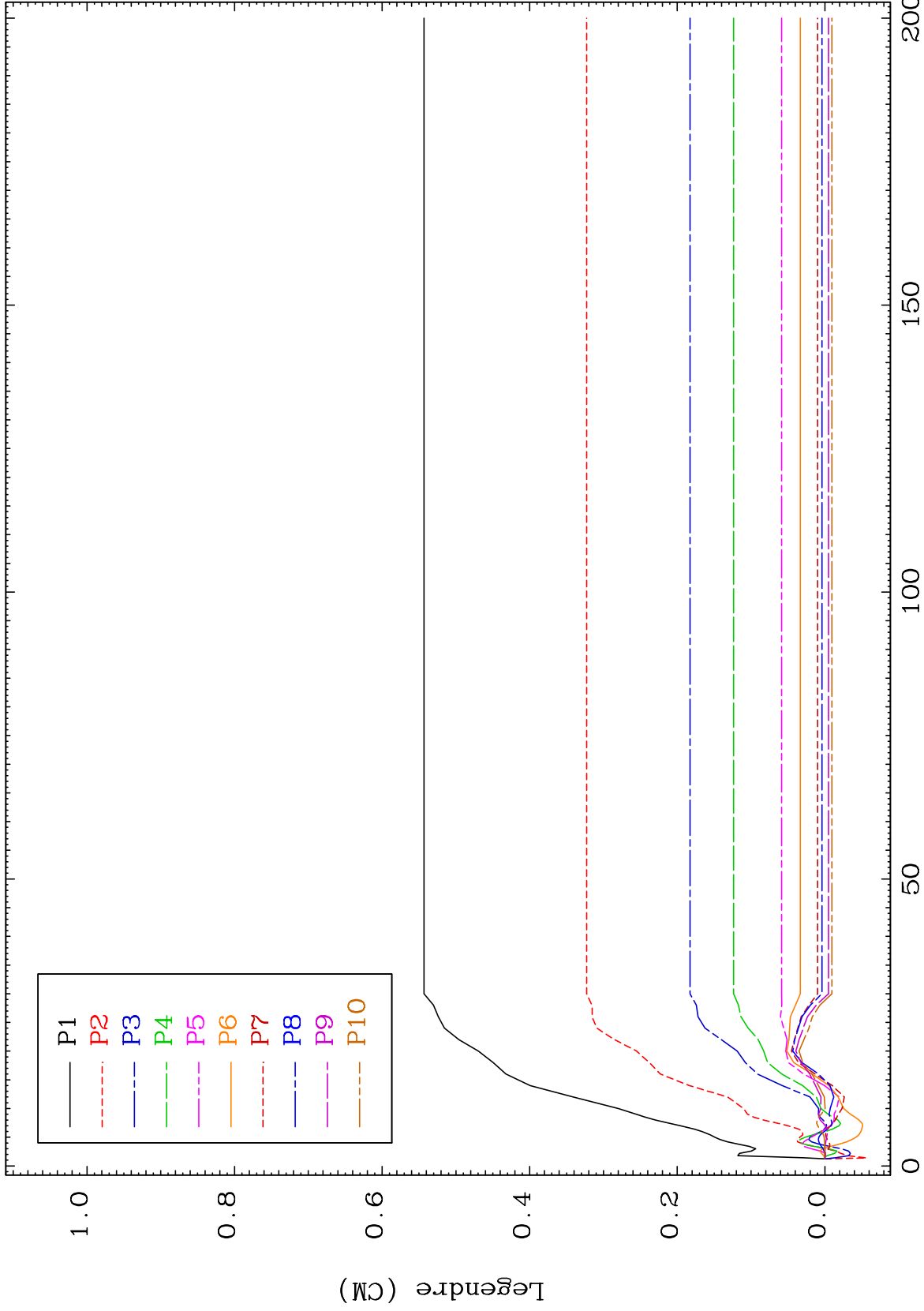
81-Tl-192









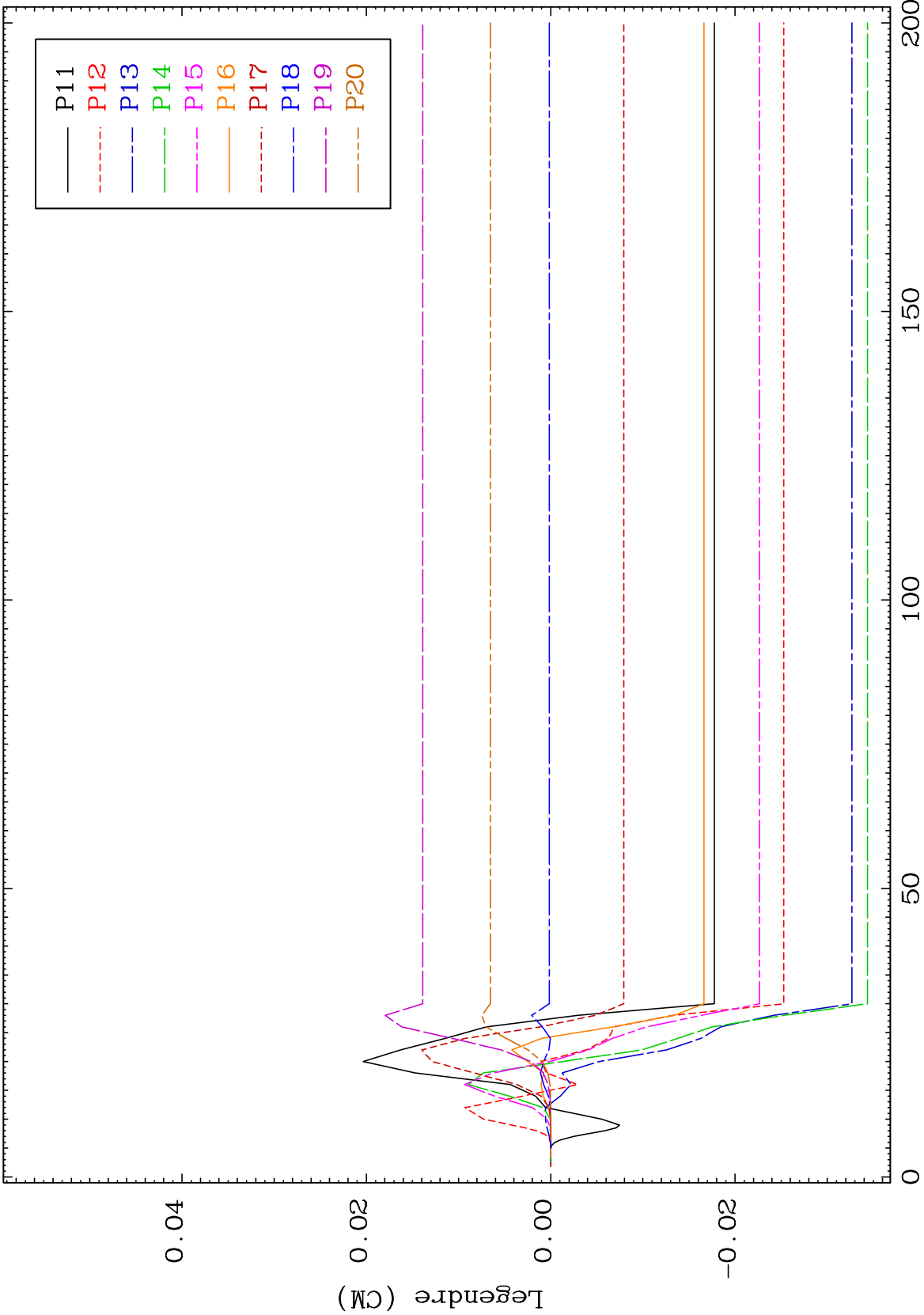




MAT 8092

1.214 MeV (n,n') Level  
Legendre Coefficients

81-T1-192



64

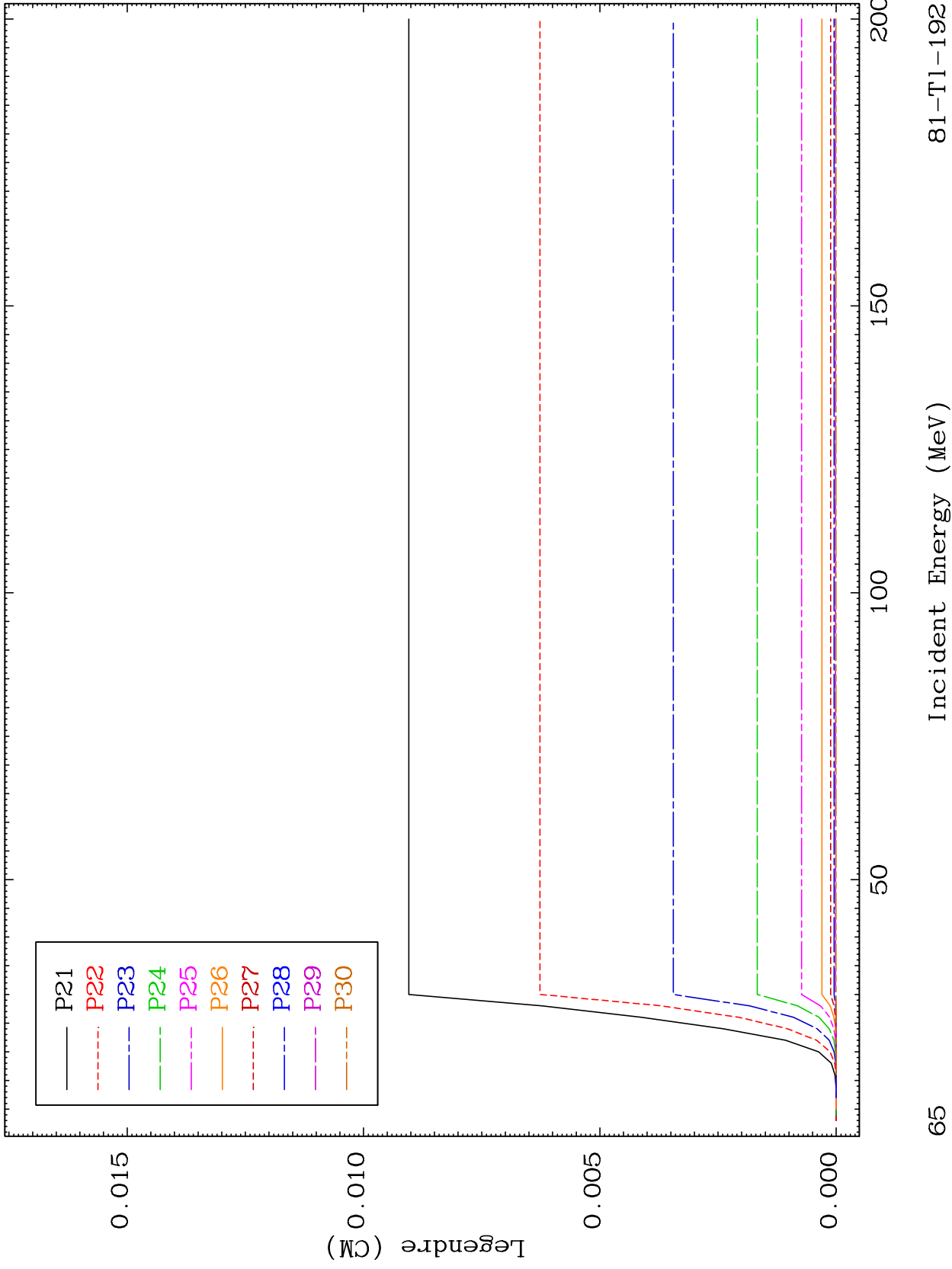
Incident Energy (MeV)

81-T1-192

MAT 8092

1.214 MeV (n,n') Level  
Legendre Coefficients

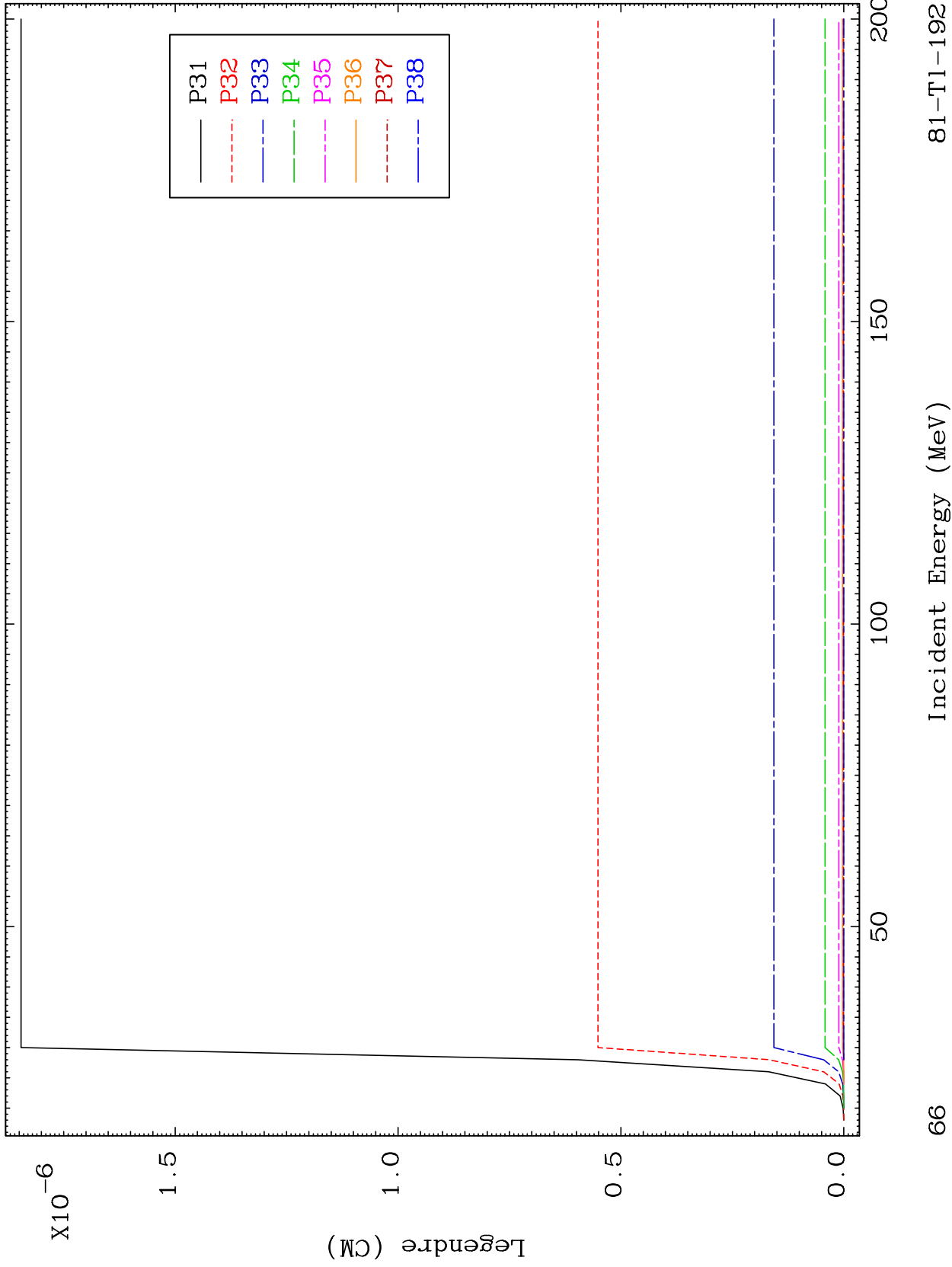
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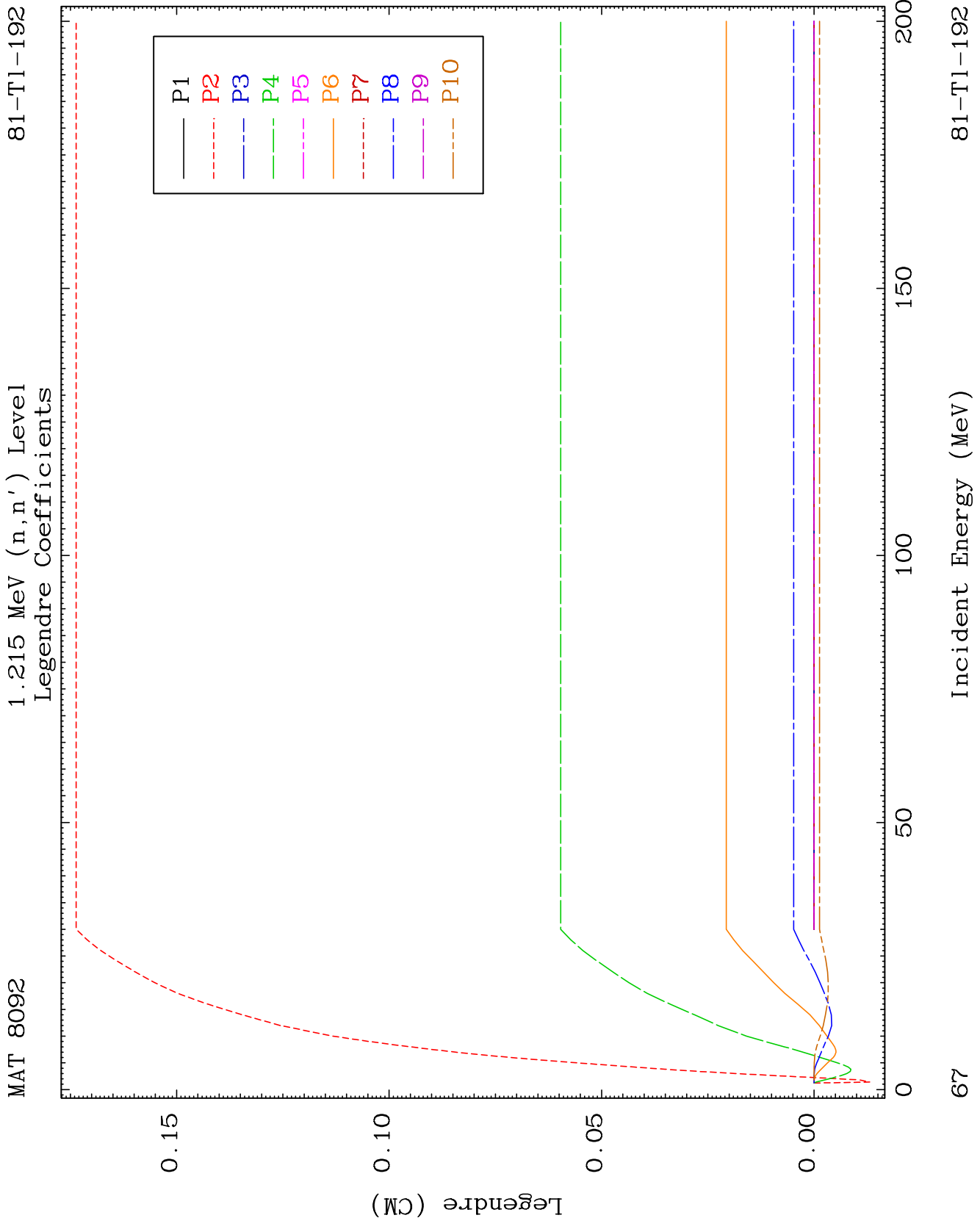


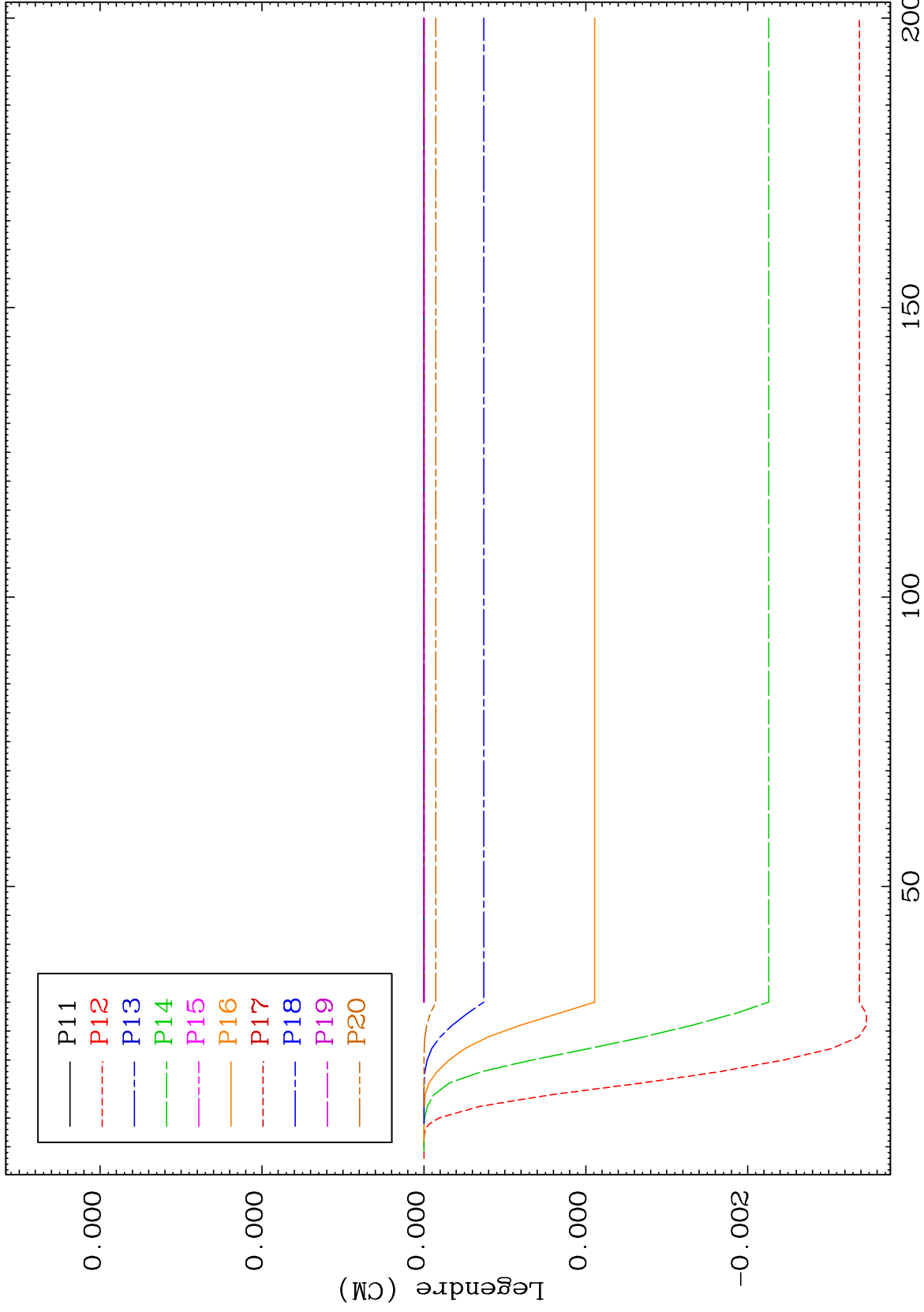
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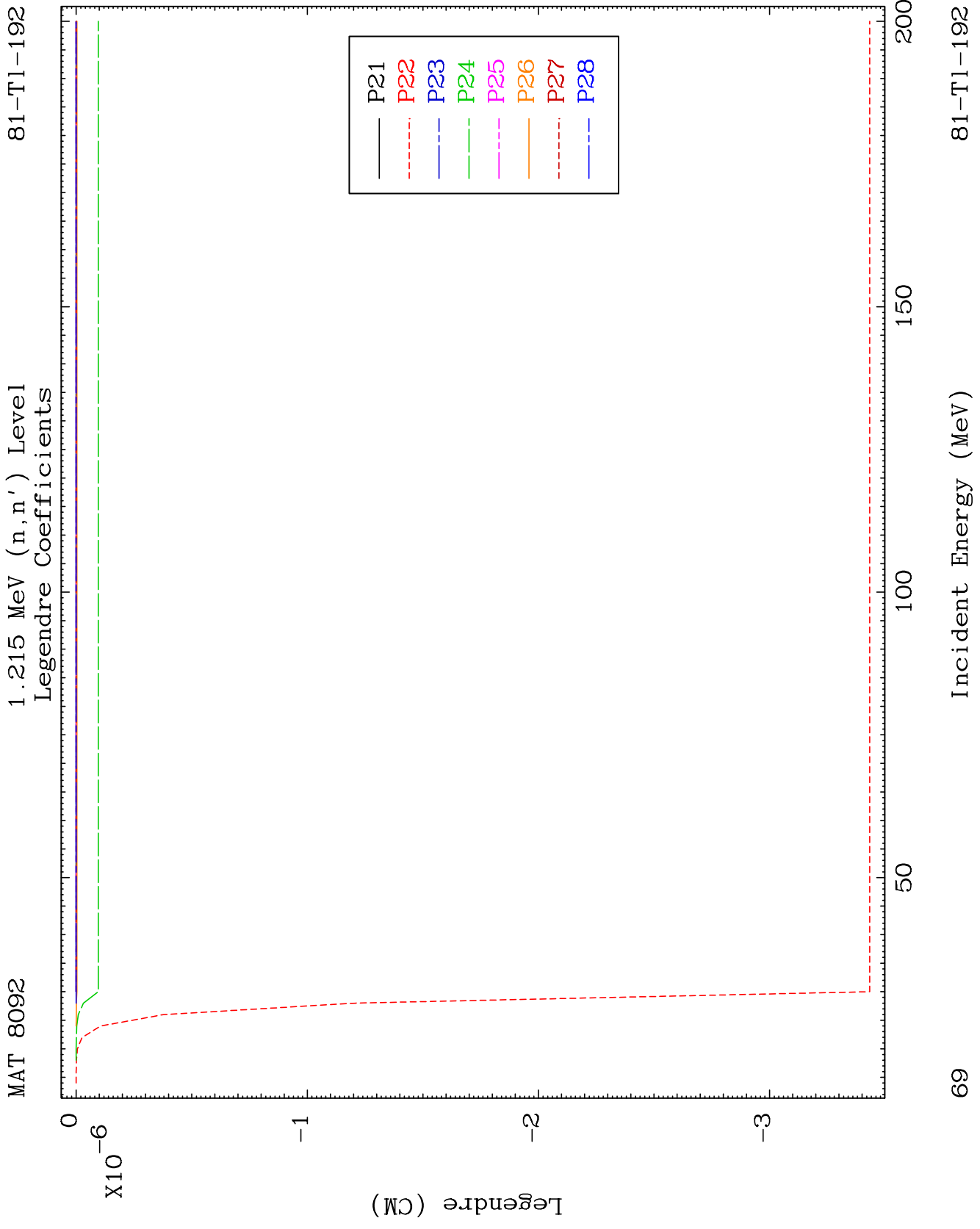
Incident Energy (MeV)

81-T1-192





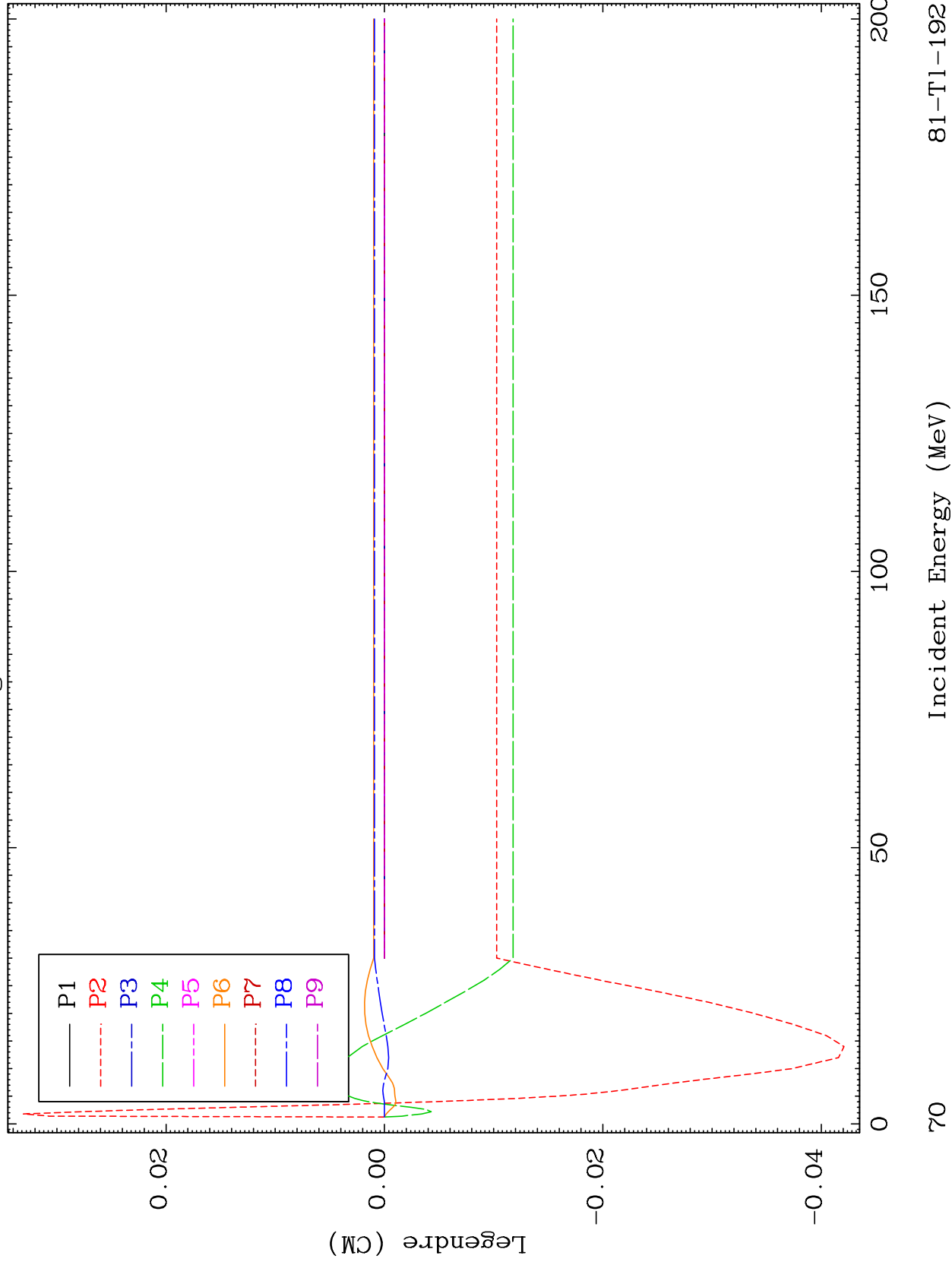




MAT 8092

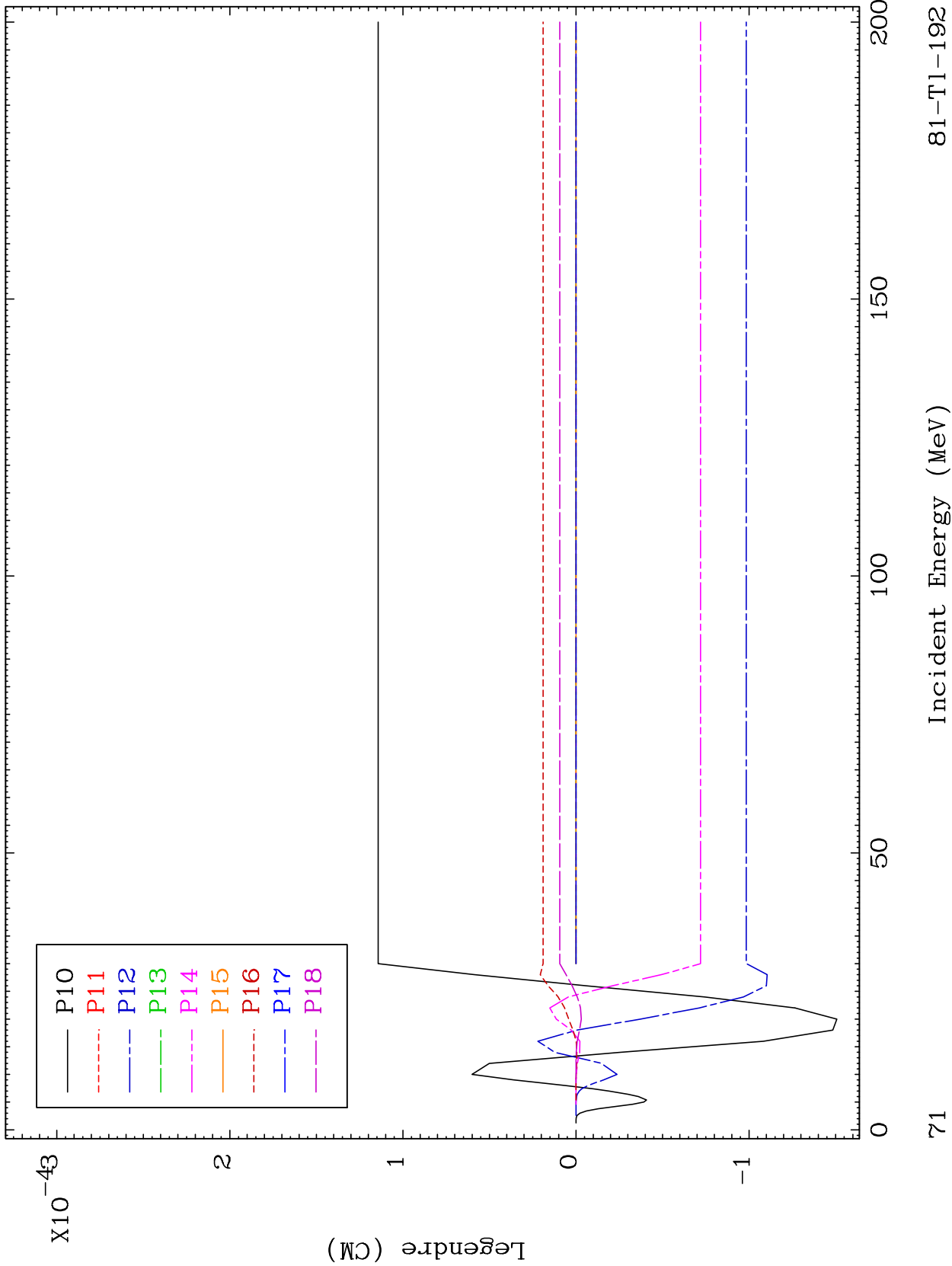
1.218 MeV (n,n') Level  
Legendre Coefficients

81-T1-192

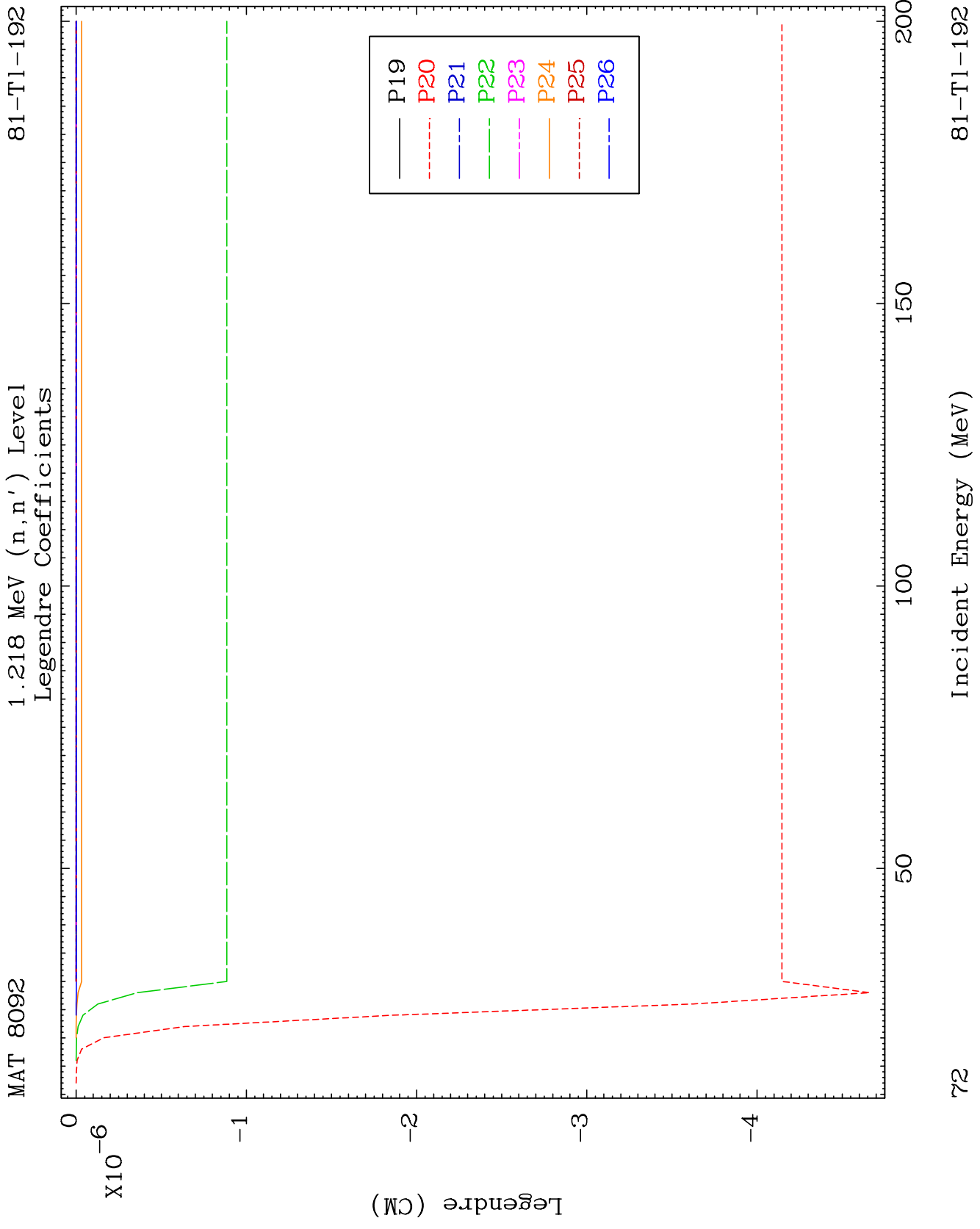


81-T1-192

Incident Energy (MeV)



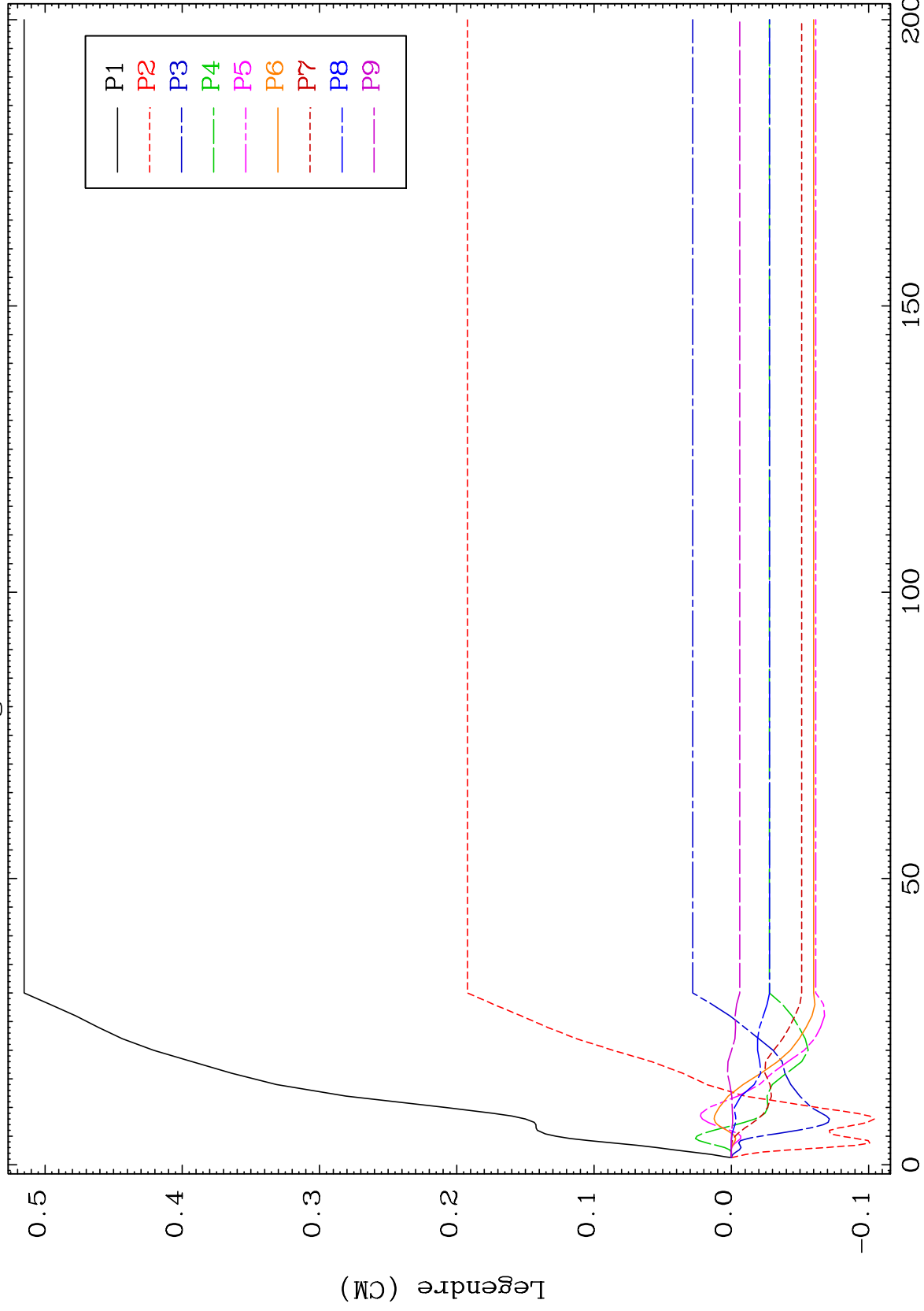




MAT 8092

1.226 MeV (n,n') Level  
Legendre Coefficients

81-Tl-192



73

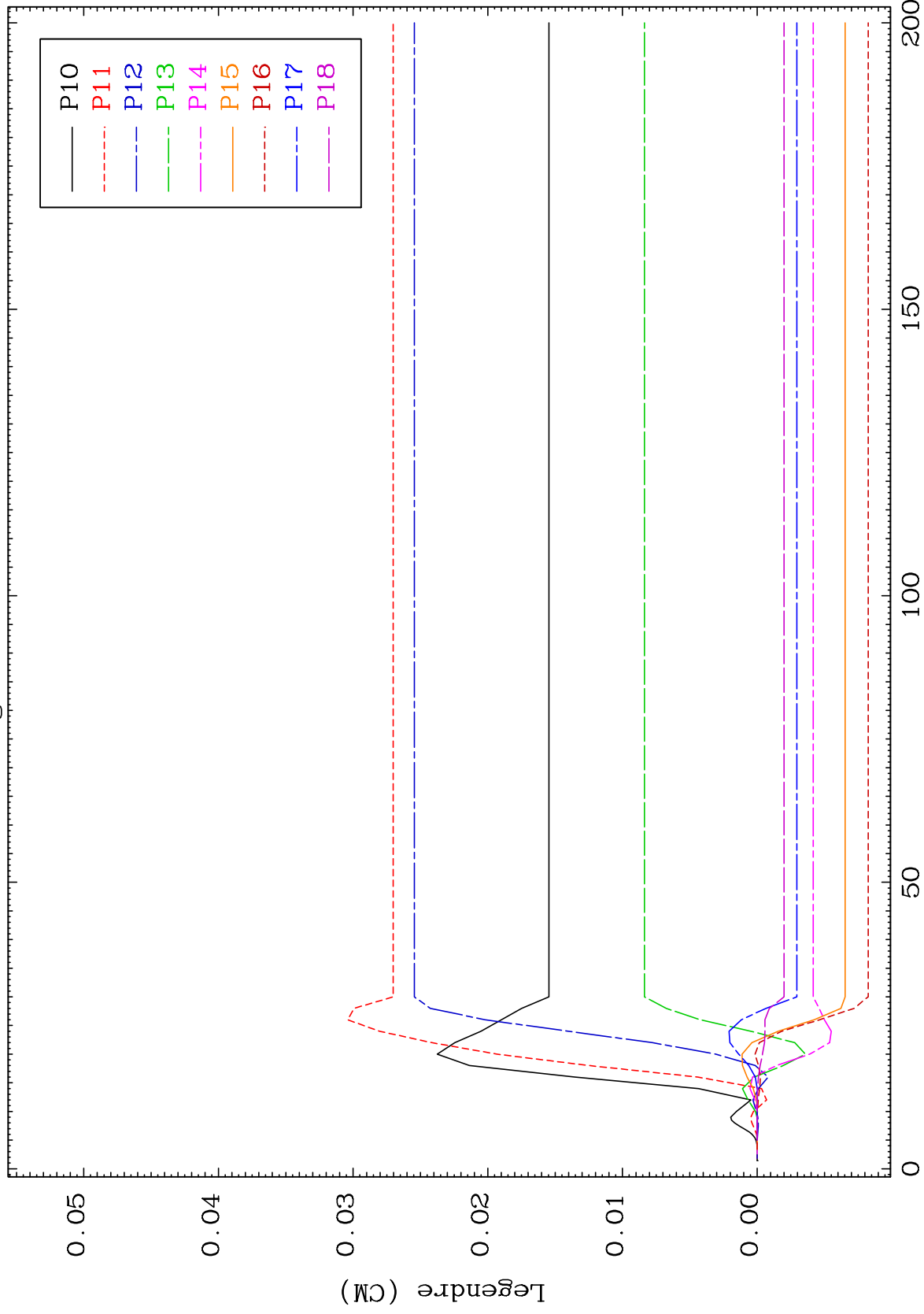
Incident Energy (MeV)

81-Tl-192

MAT 8092

1.226 MeV (n,n') Level  
Legendre Coefficients

81-T1-192



74

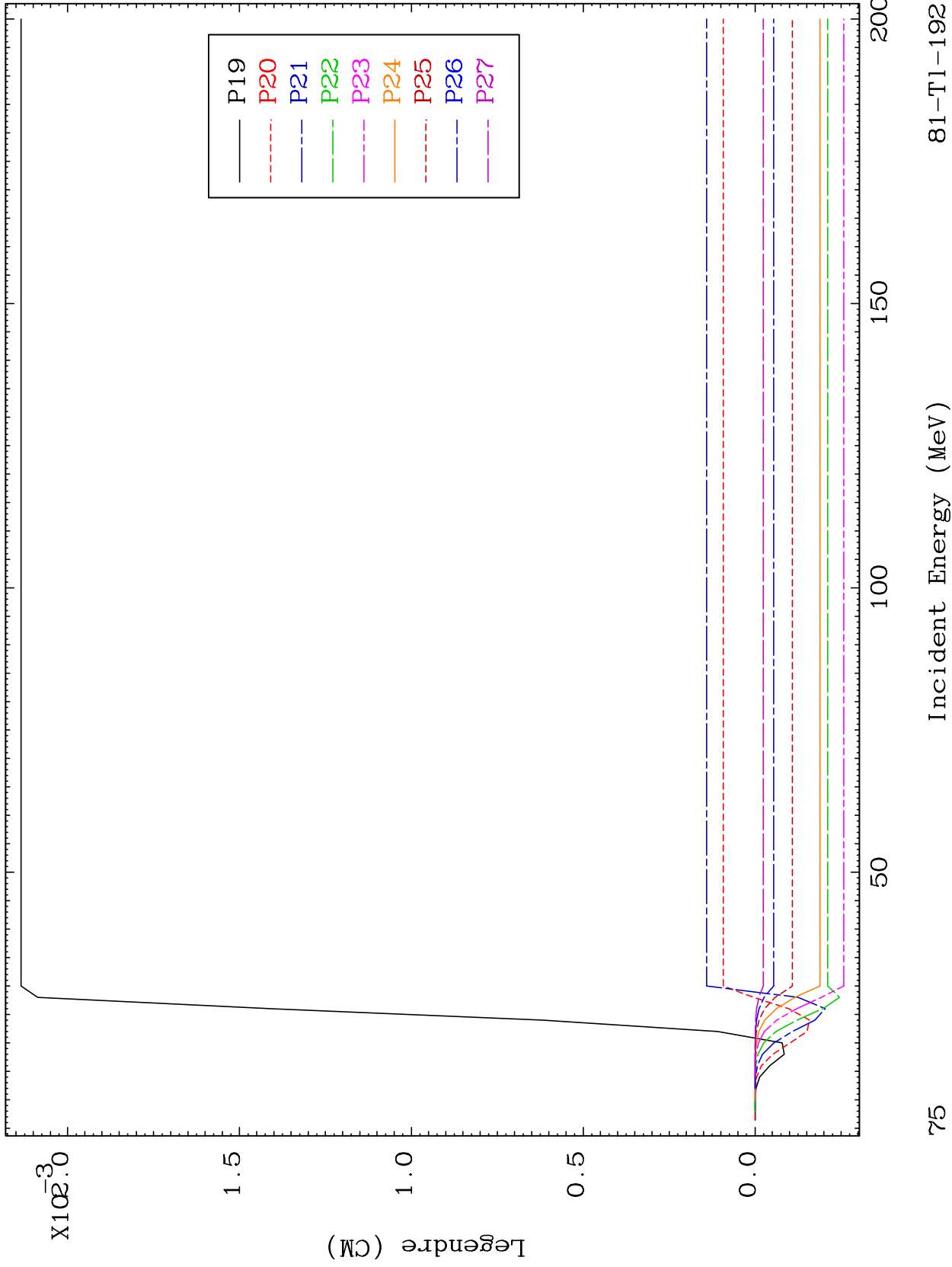
Incident Energy (MeV)

81-T1-192

MAT 8092

1.226 MeV (n,n') Level  
Legendre Coefficients

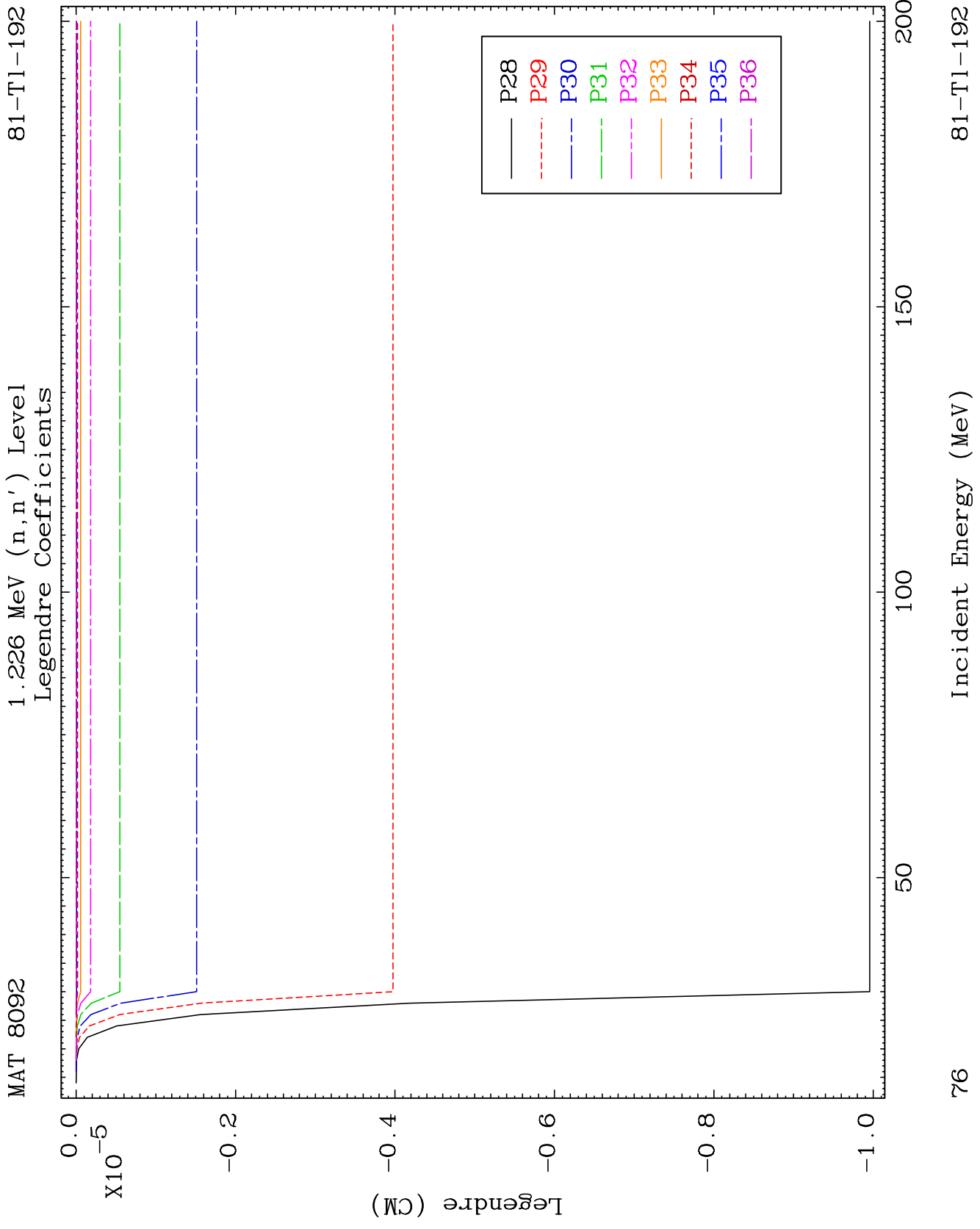
81-Tl-192



75

Incident Energy (MeV)

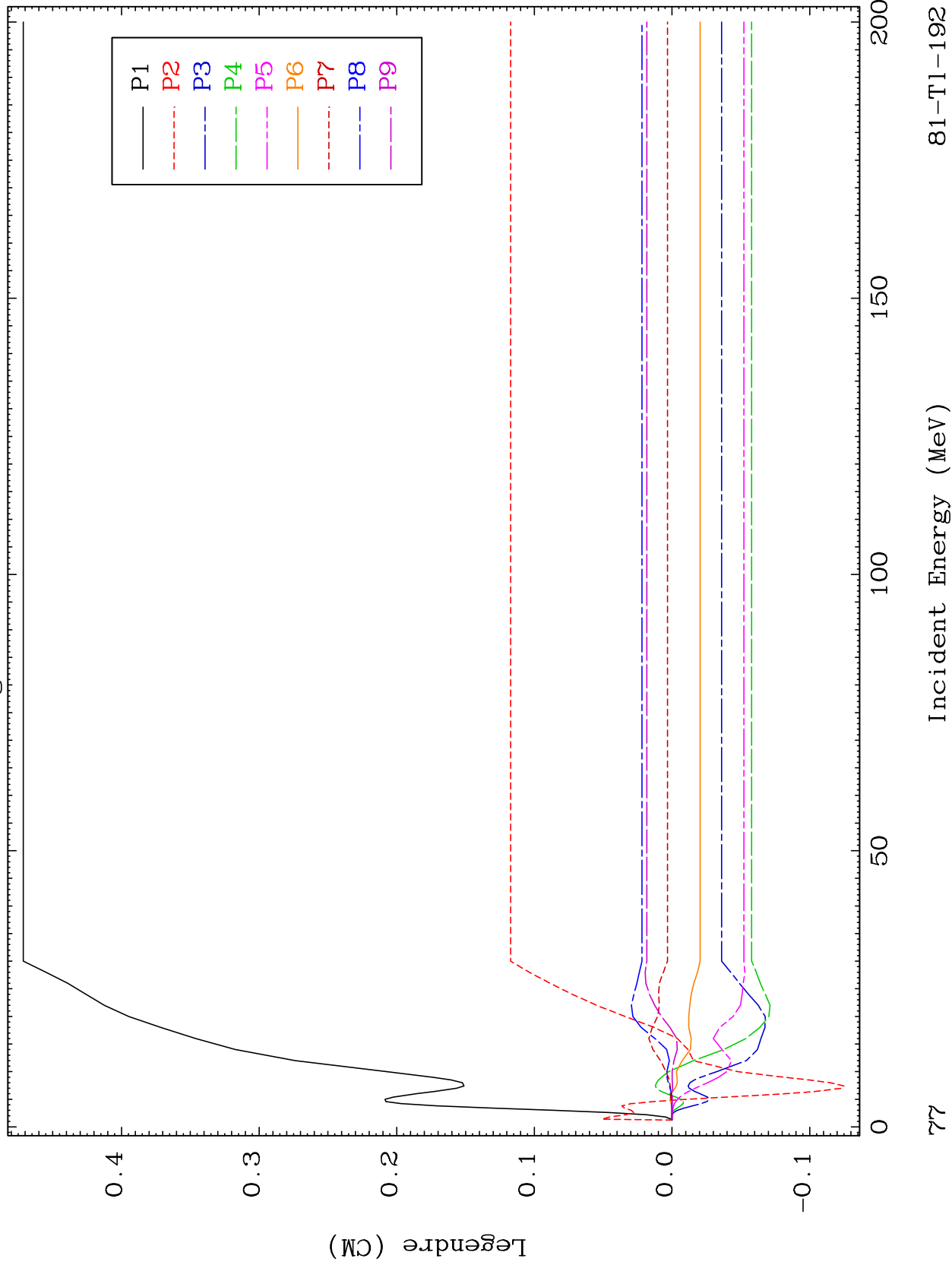
81-Tl-192



MAT 8092

1.227 MeV (n,n') Level  
Legendre Coefficients

81-T1-192



81-T1-192

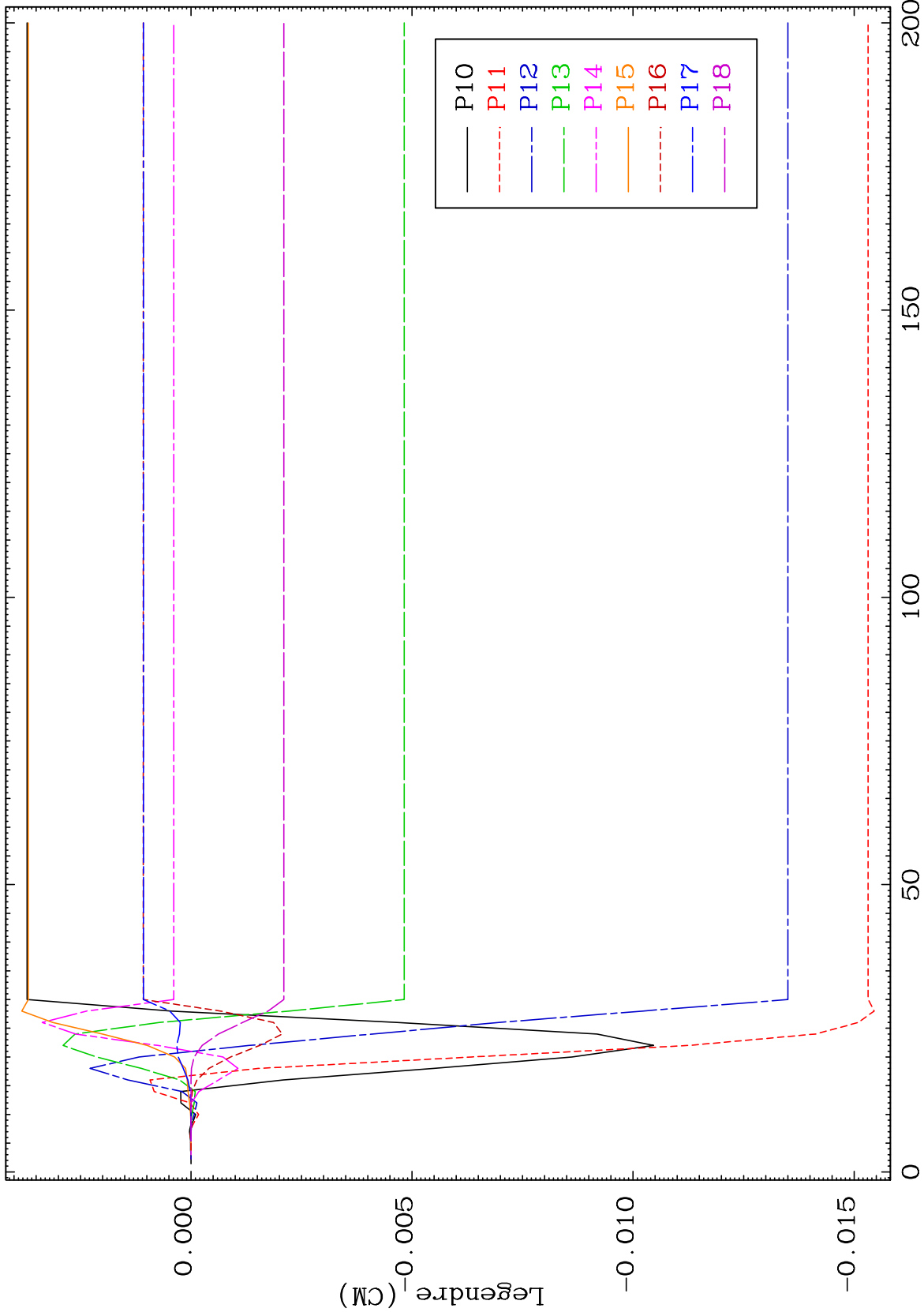
Incident Energy (MeV)

77

MAT 8092

1.227 MeV (n,n') Level  
Legendre Coefficients

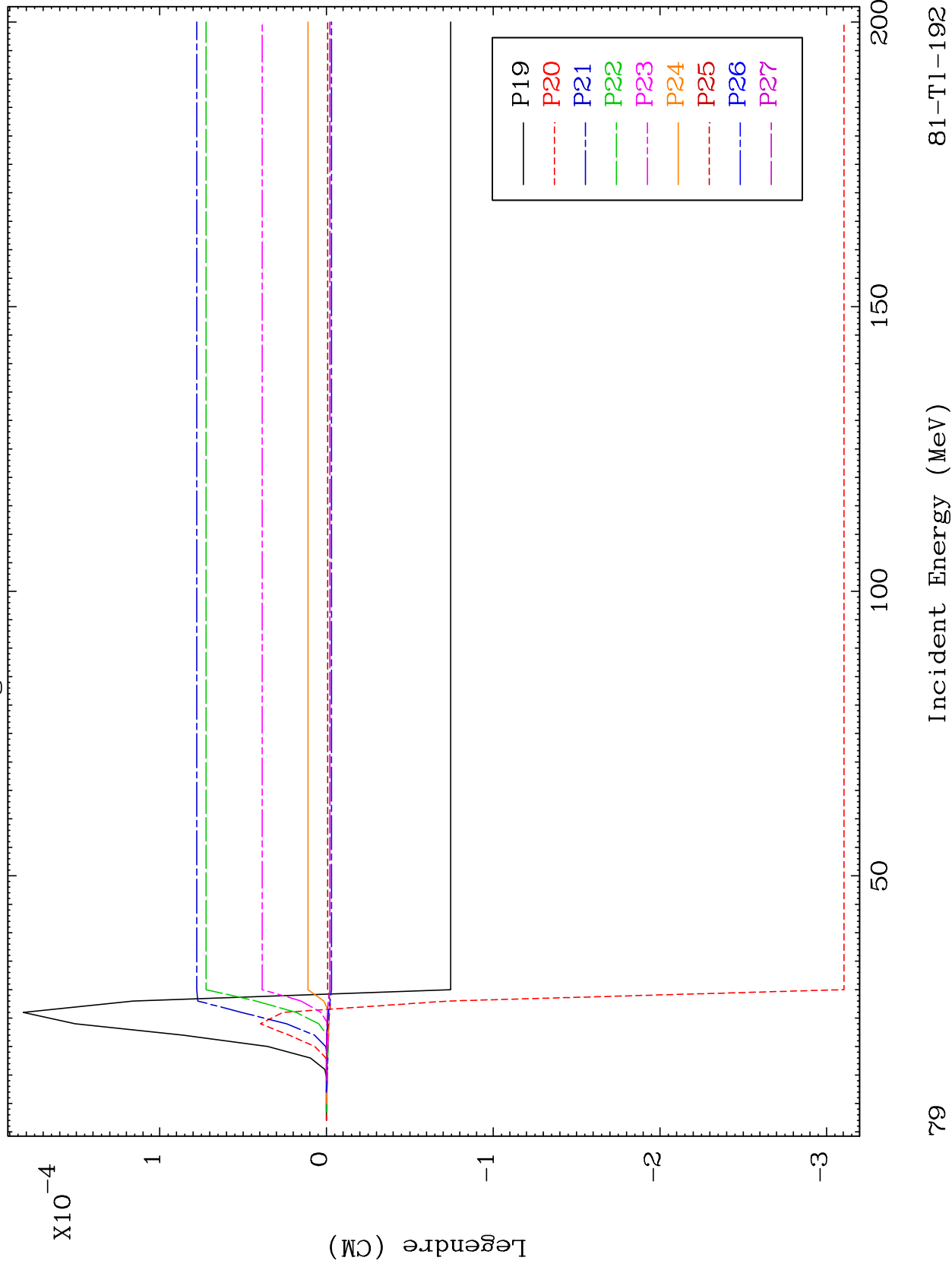
81-Tl-192



78

Incident Energy (MeV)

81-Tl-192



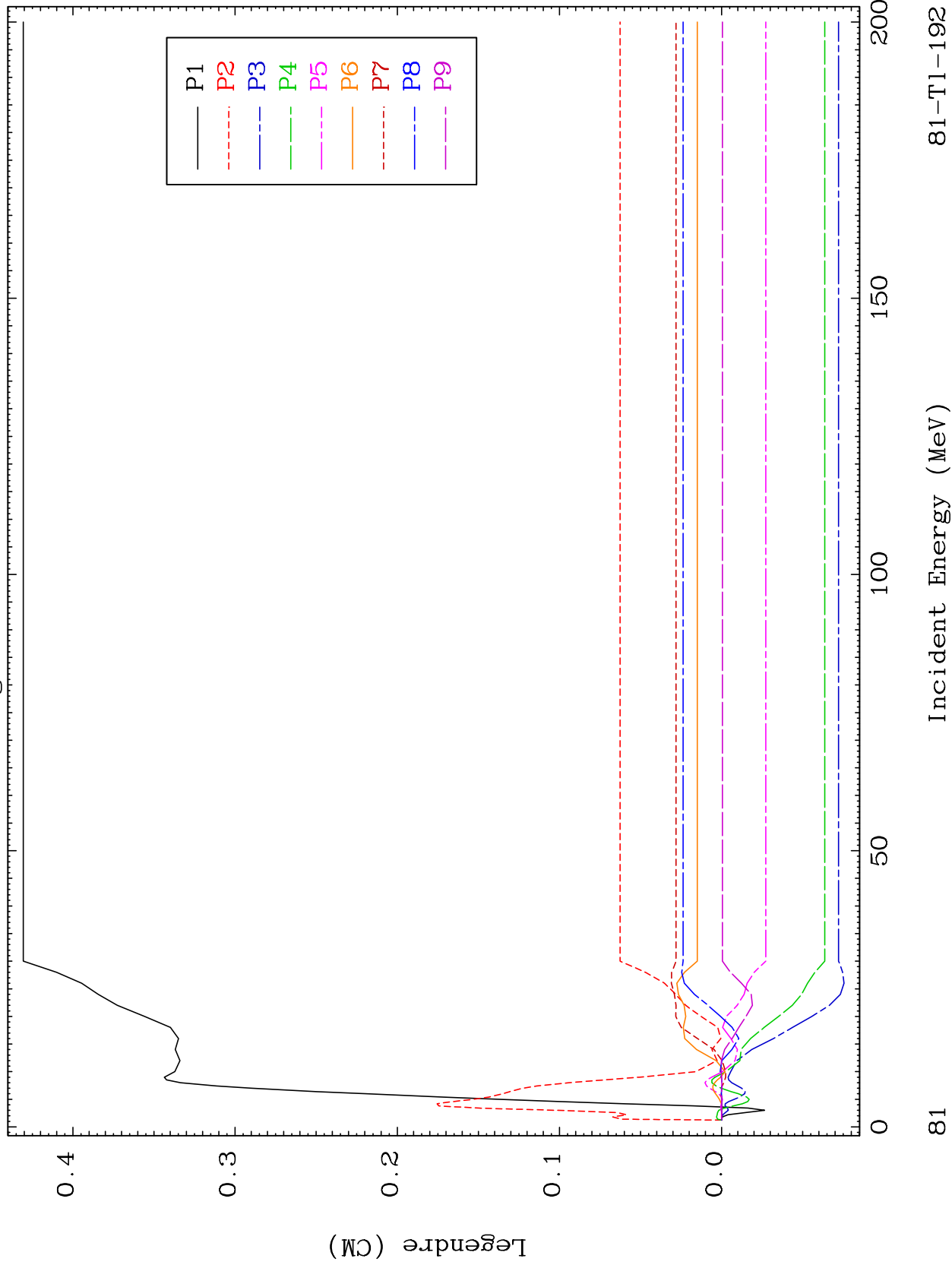




MAT 8092

1.229 MeV (n,n') Level  
Legendre Coefficients

81-T1-192



81

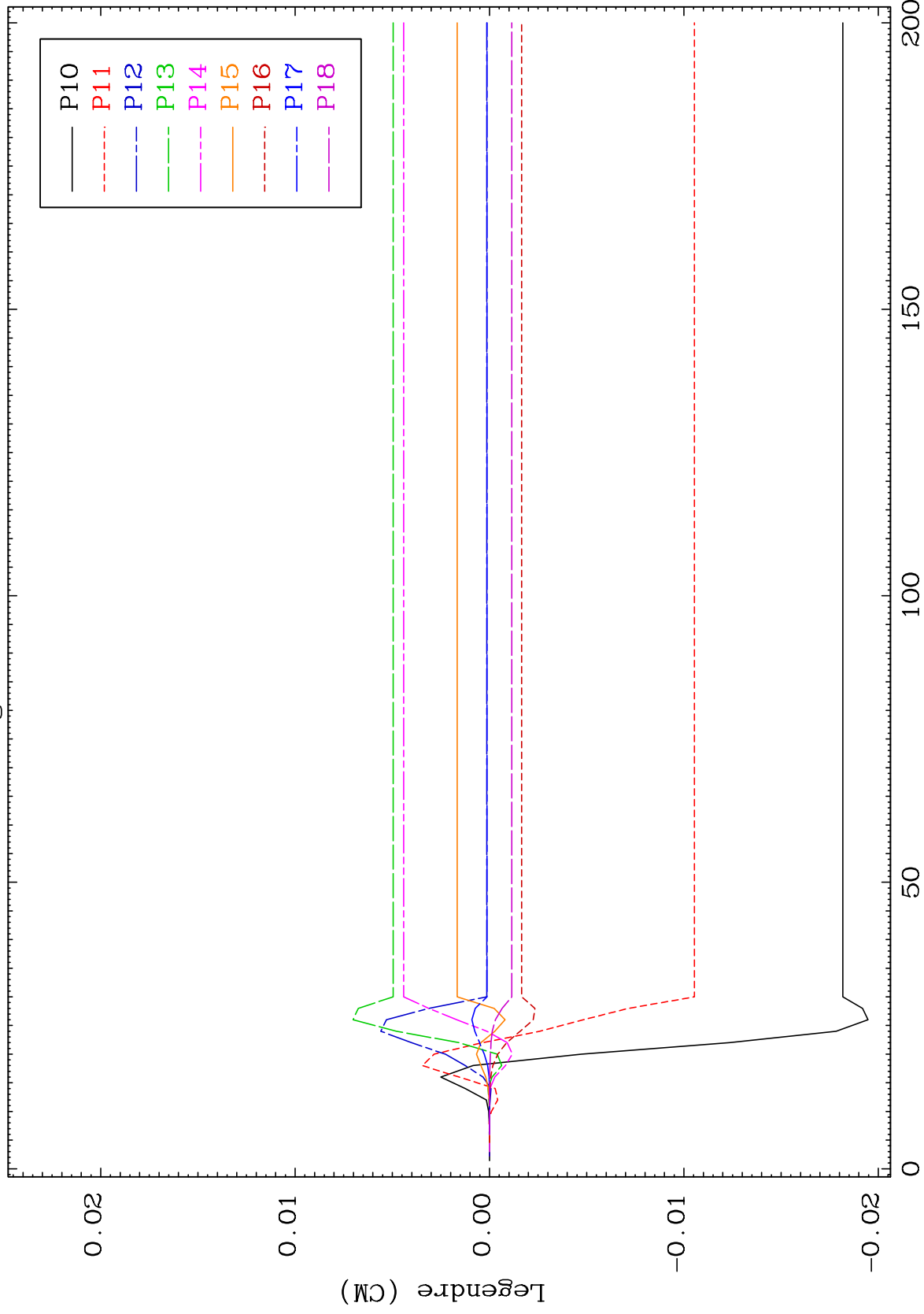
Incident Energy (MeV)

81-T1-192

MAT 8092

1.229 MeV (n,n') Level  
Legendre Coefficients

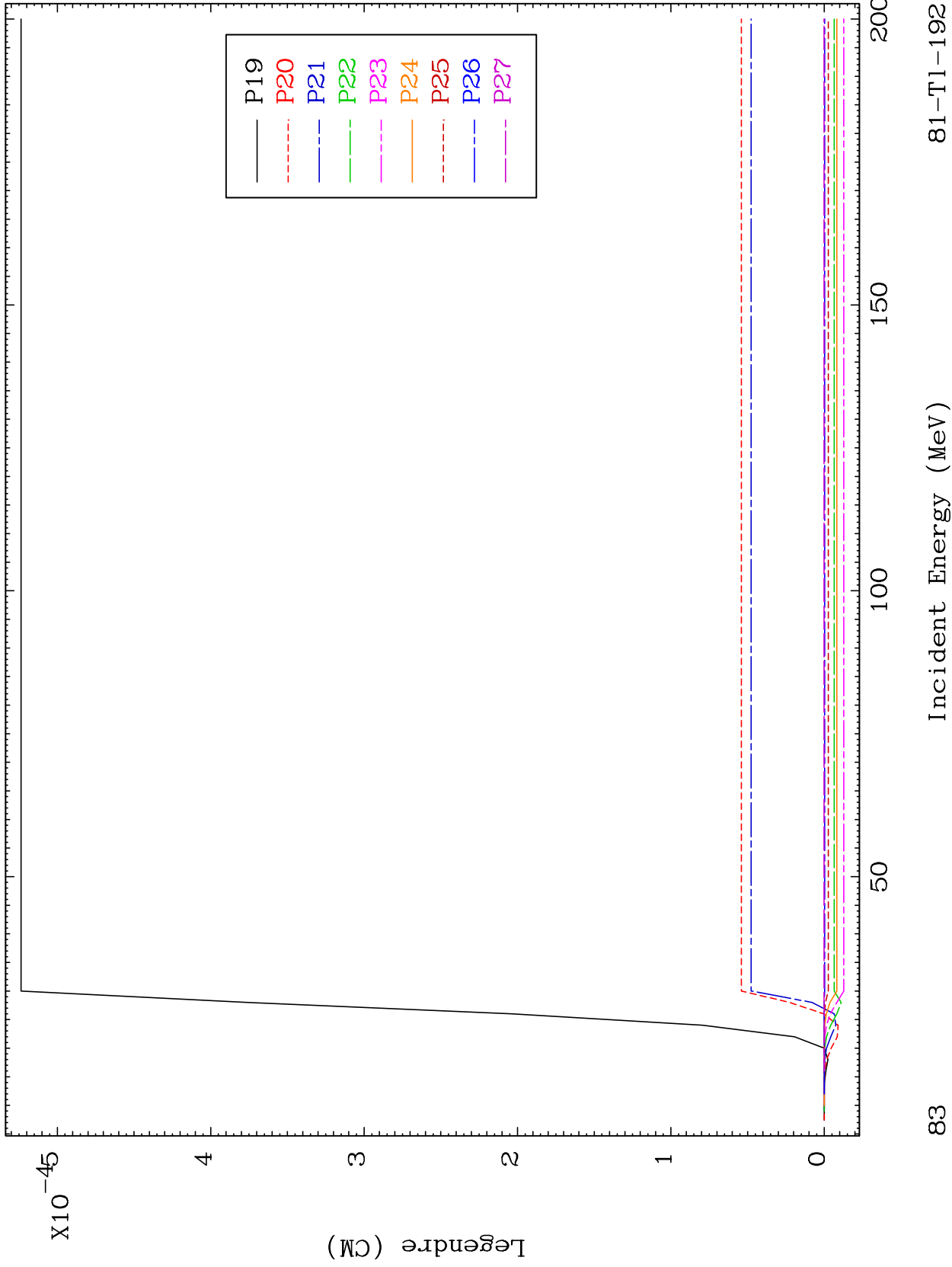
81-T1-192

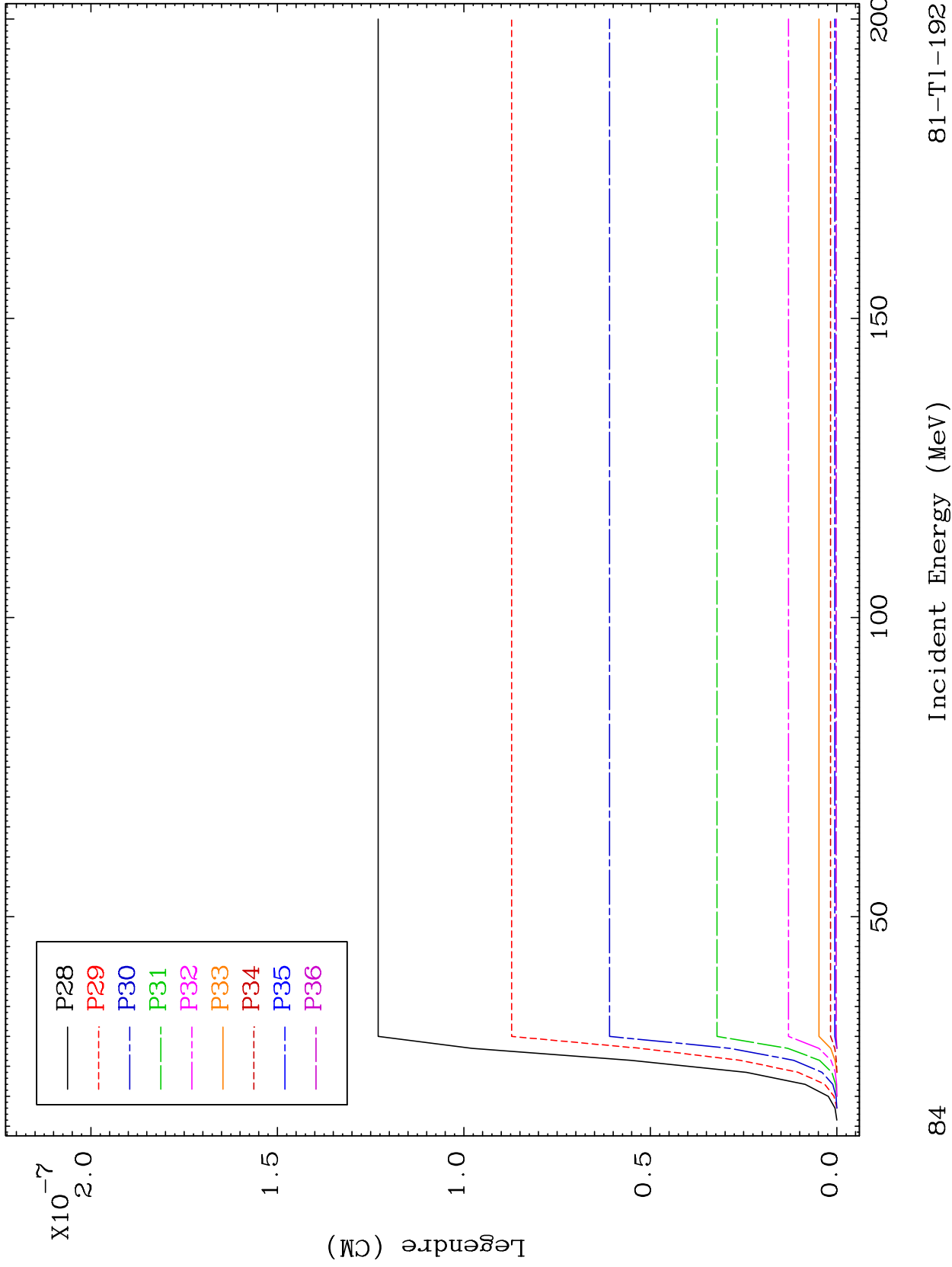


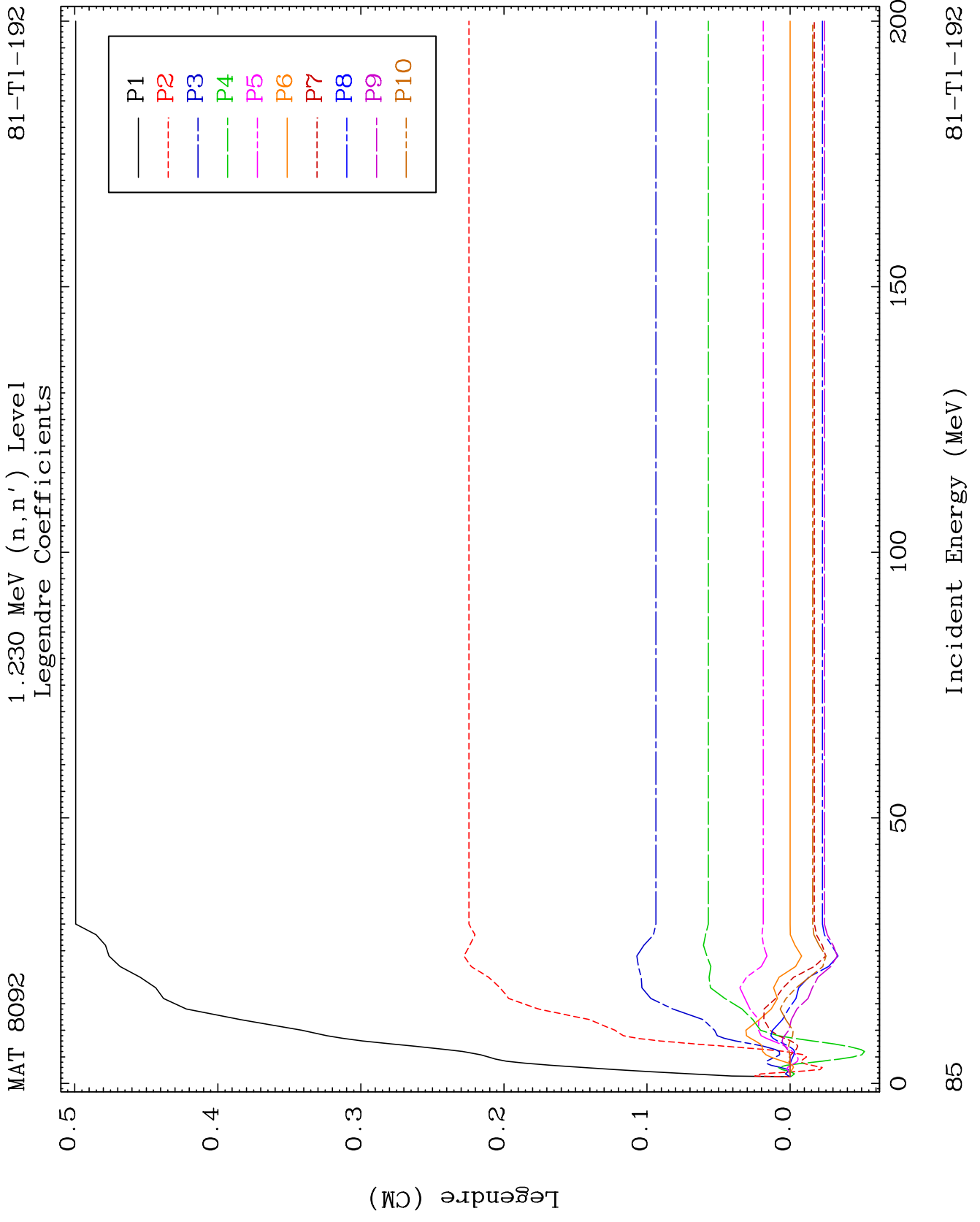
82

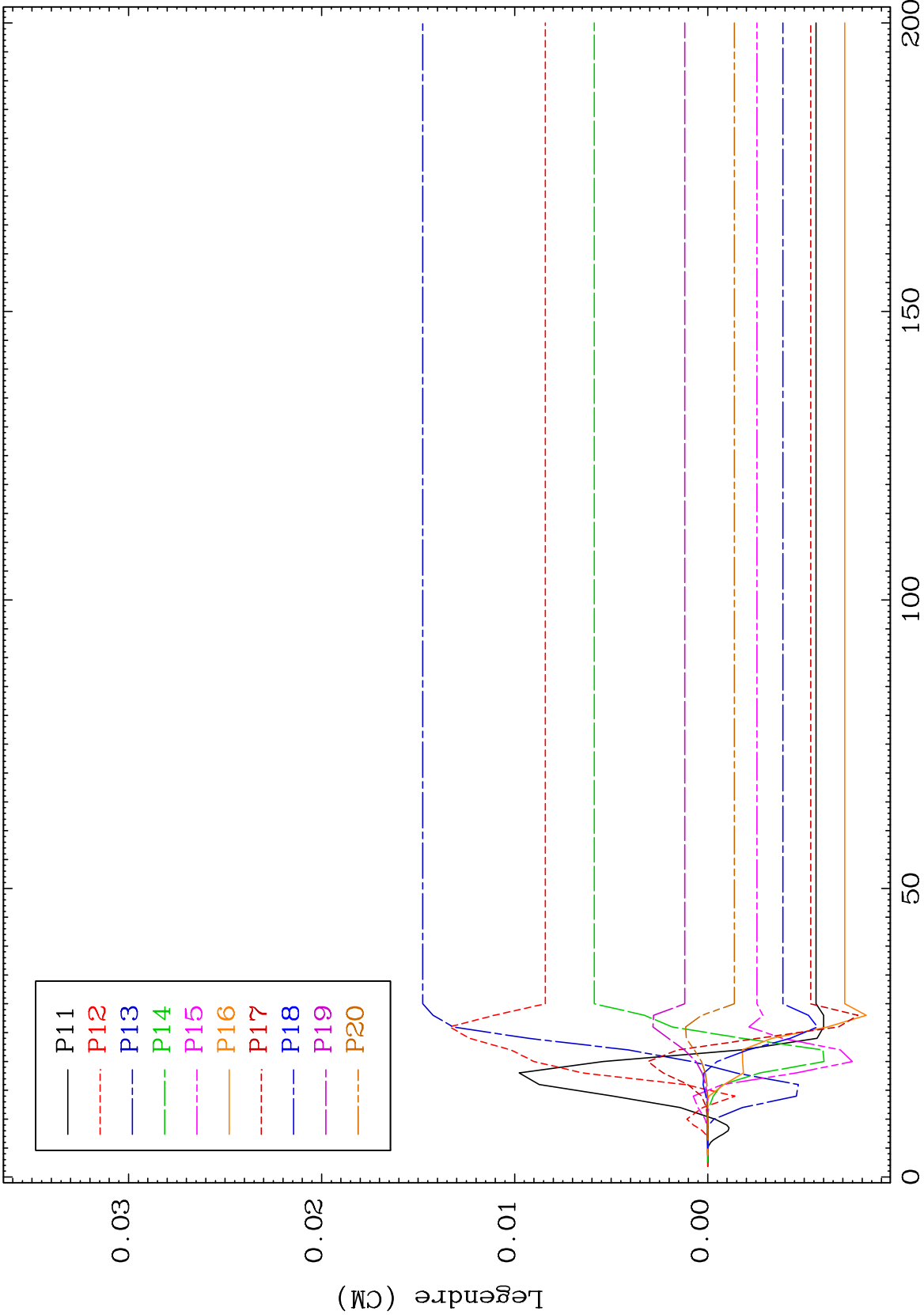
Incident Energy (MeV)

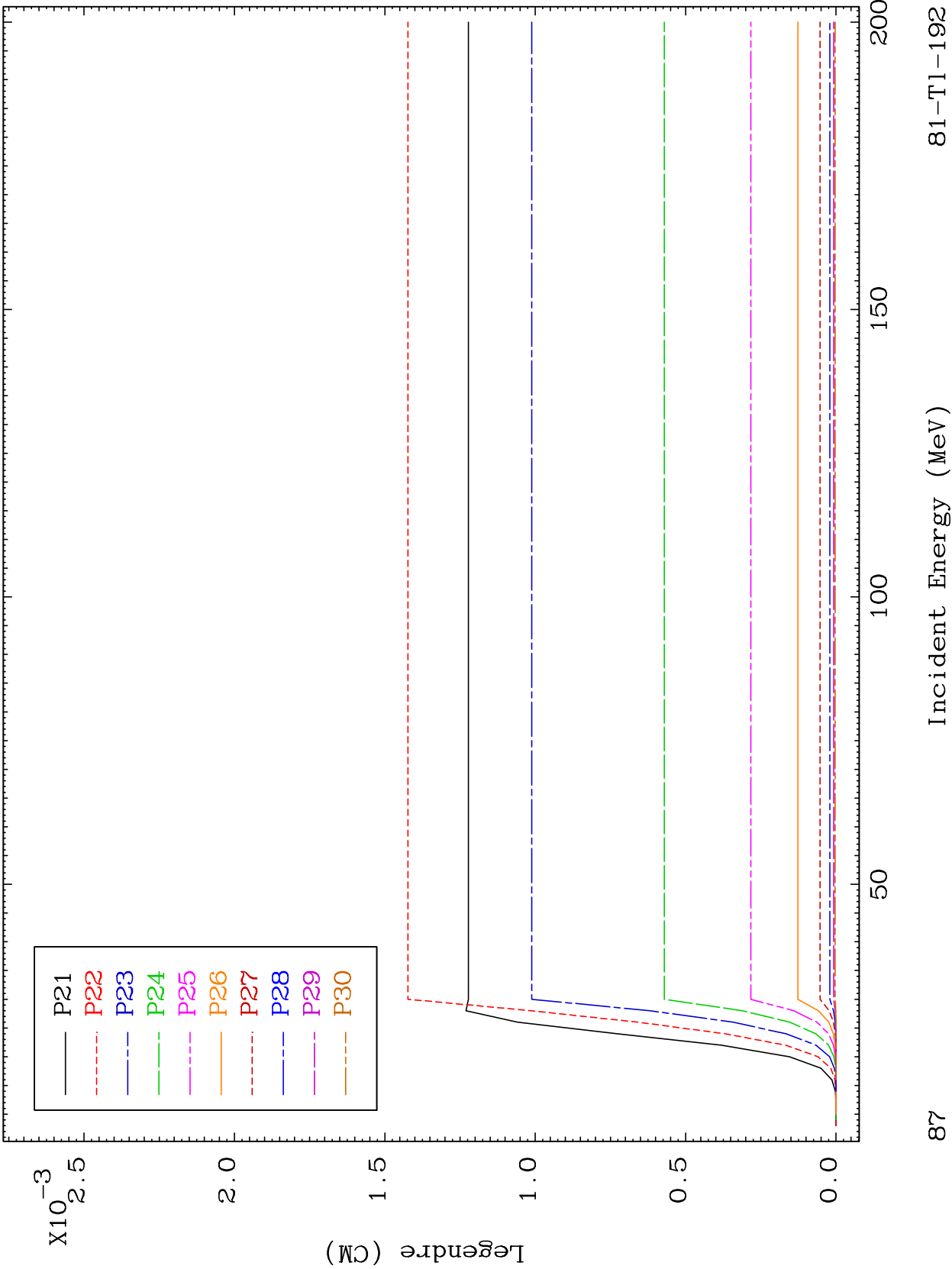
81-T1-192









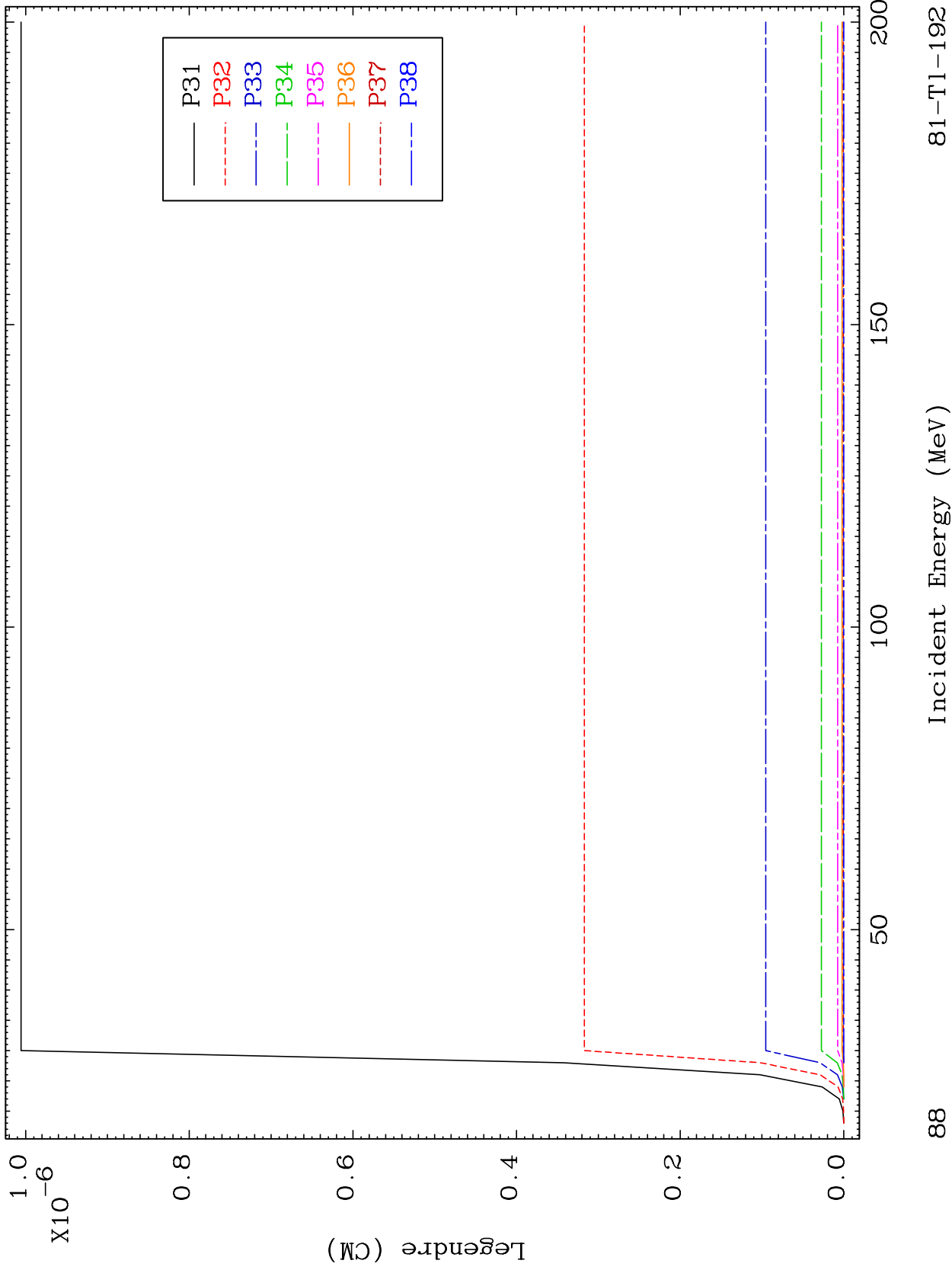




MAT 8092

1.230 MeV (n,n') Level  
Legendre Coefficients

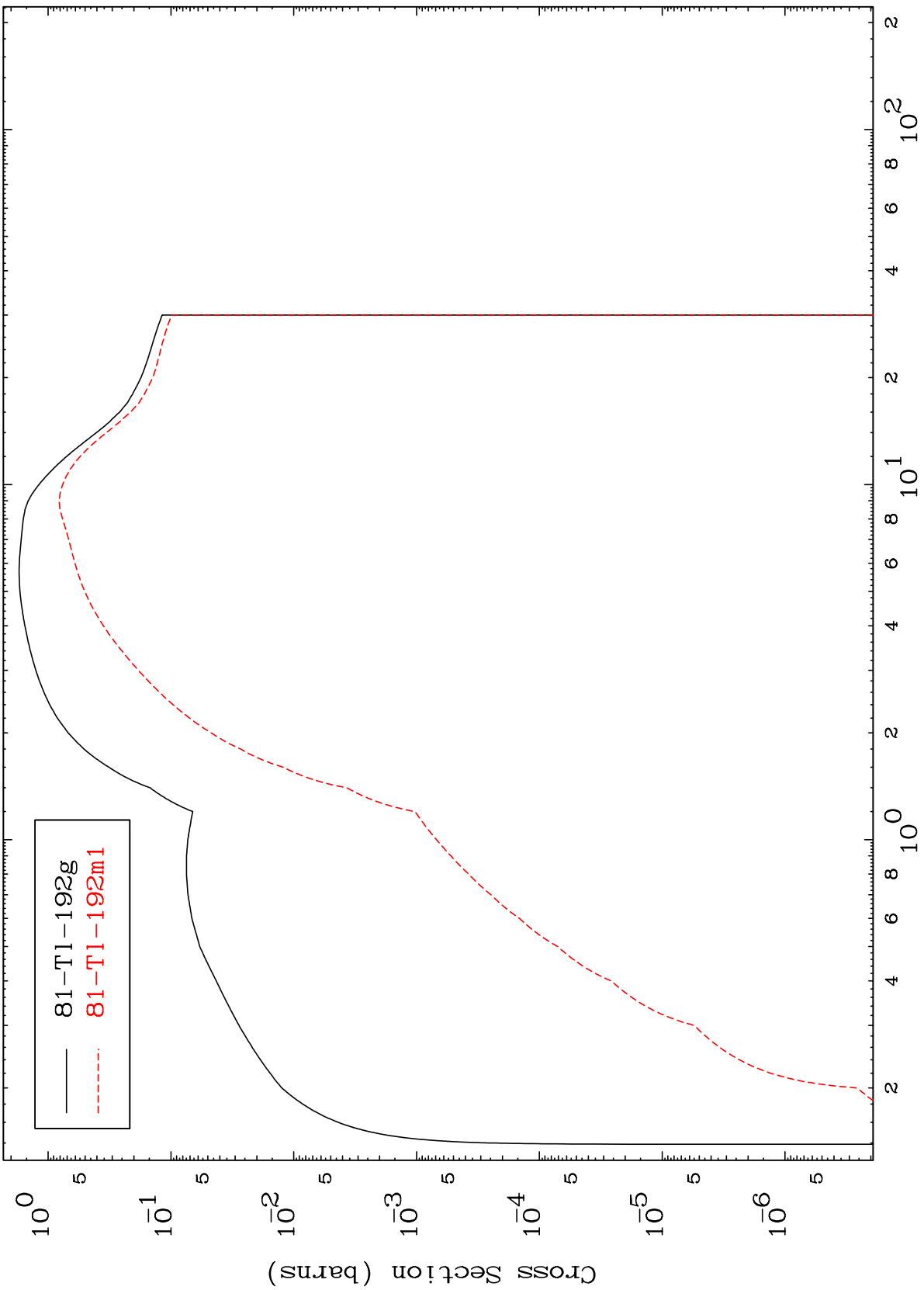
81-T1-192



88

81-T1-192

Inelastic  
Radionuclide Production Cross Section



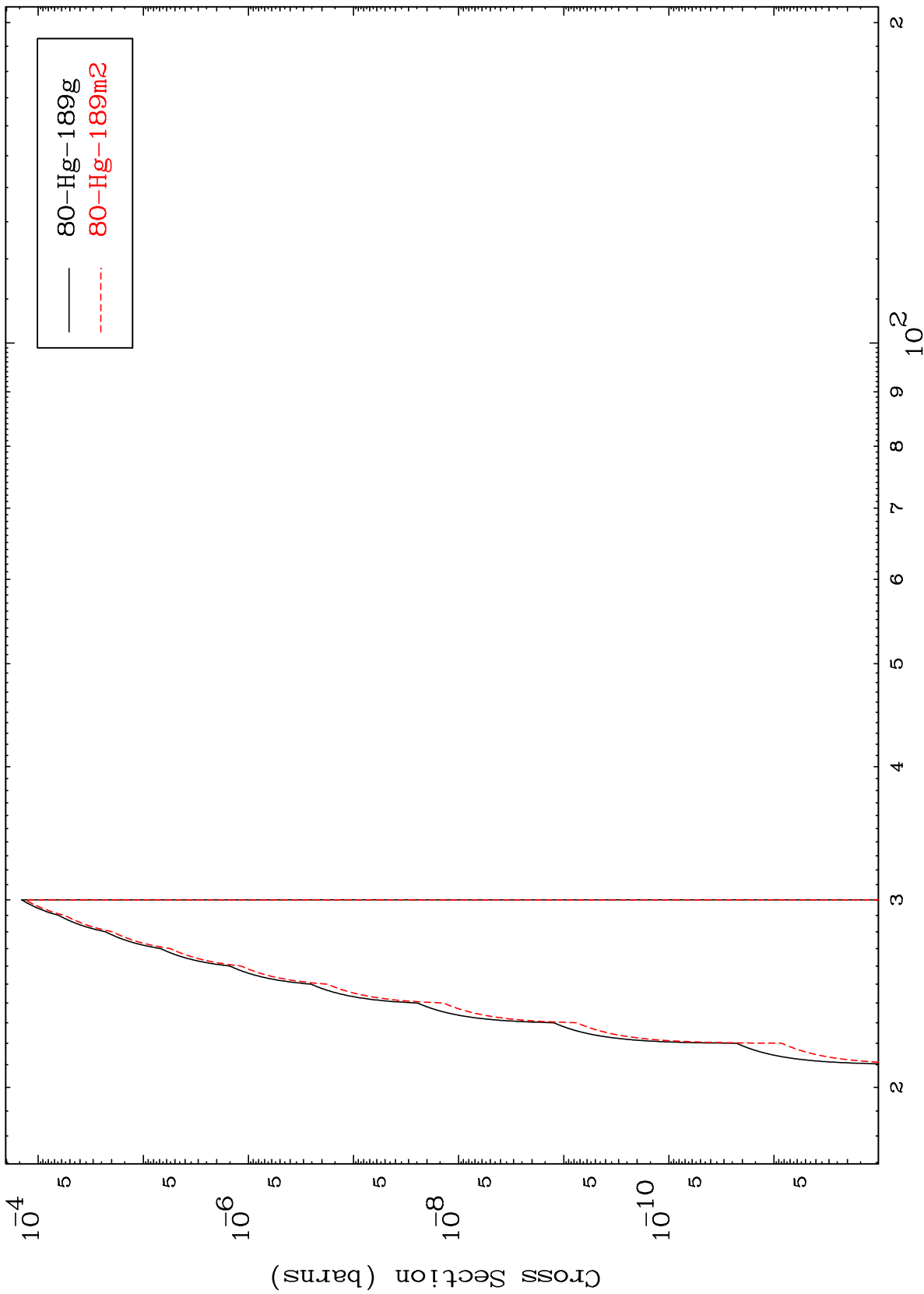
81-Tl-192g  
81-Tl-192m1

MAT 8092

(n,2n) d

81-Tl-192

Radionuclide Production Cross Section



90

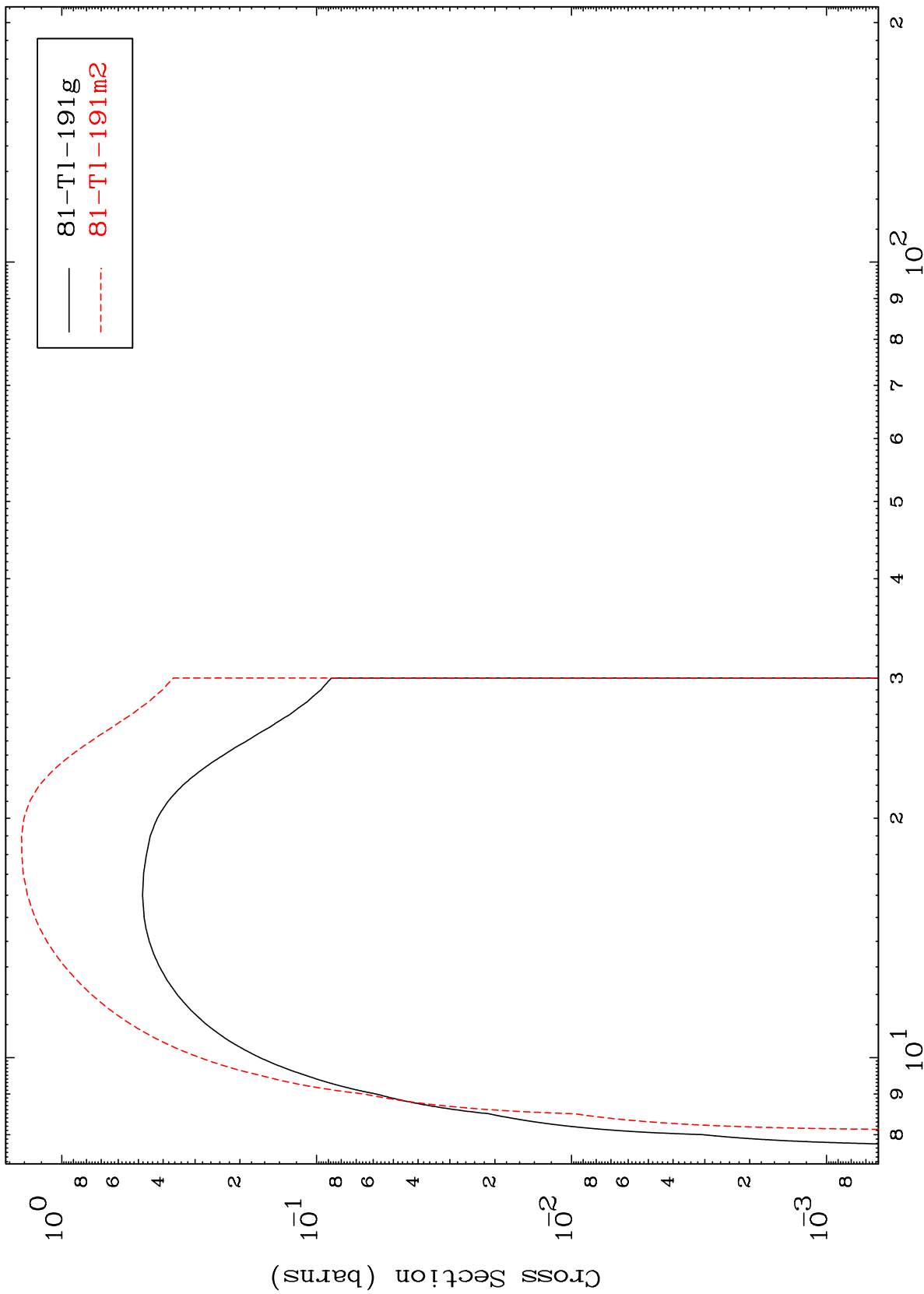
Incident Energy (MeV)

81-Tl-192

MAT 8092

81-Tl-192

(n,2n)  
Radionuclide Production Cross Section



91

Incident Energy (MeV)

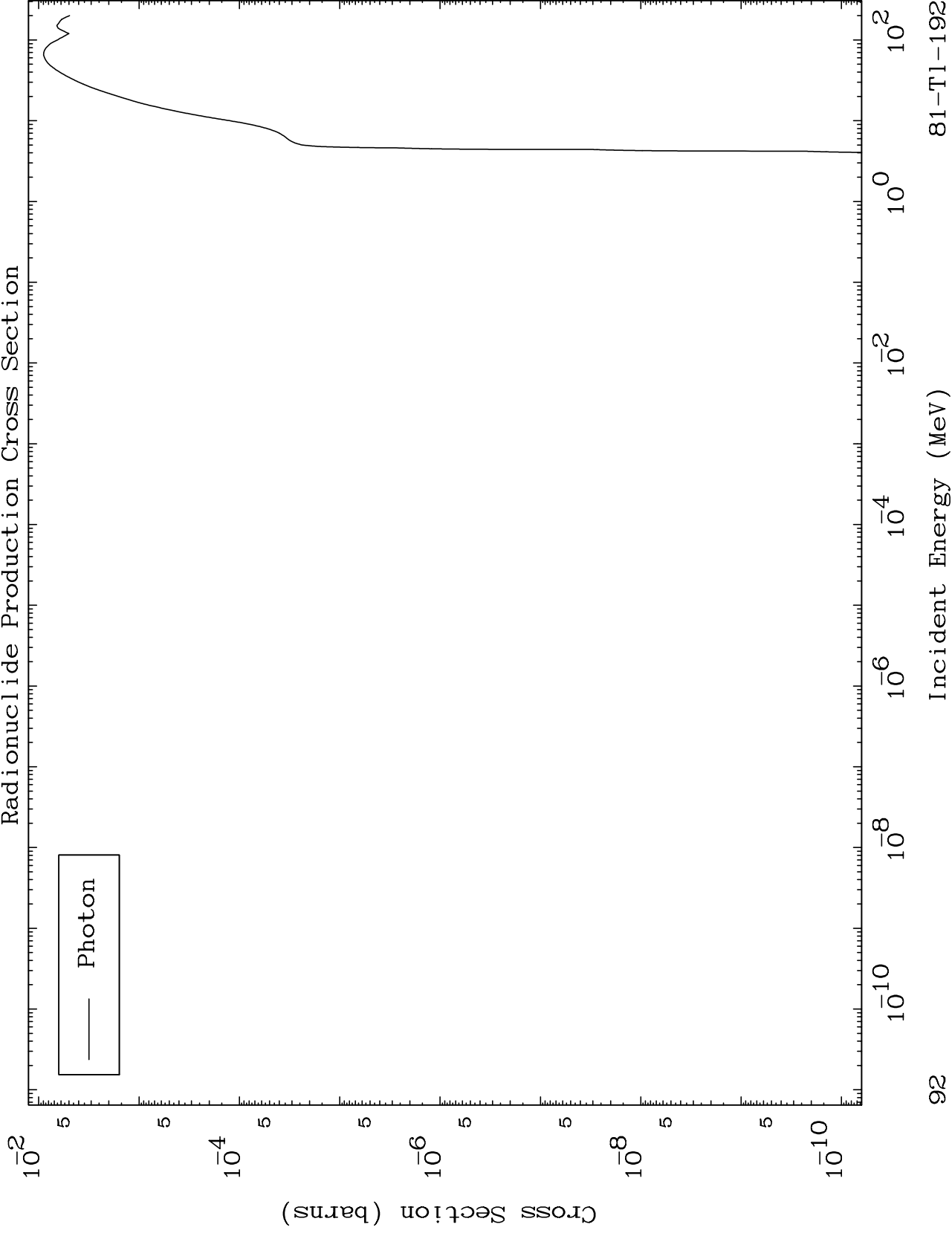
81-Tl-192

MAT 8092

Fission

81-Tl-192

Radionuclide Production Cross Section



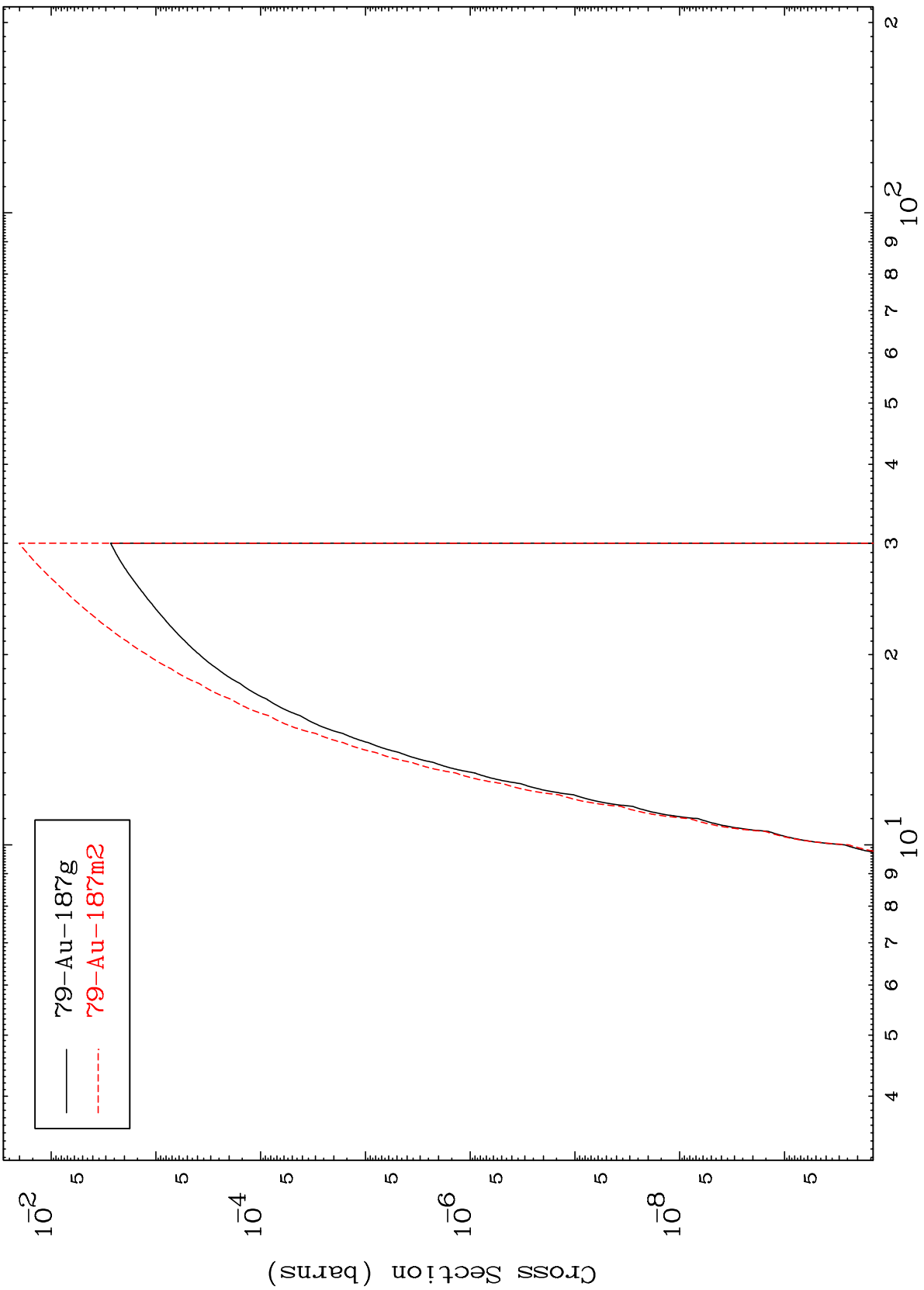
92

Incident Energy (MeV)

81-Tl-192

(n,2n)  $\alpha$

Radionuclide Production Cross Section



Legend:  
—  $^{187}\text{gAu}$   
- - -  $^{187}\text{m2Au}$

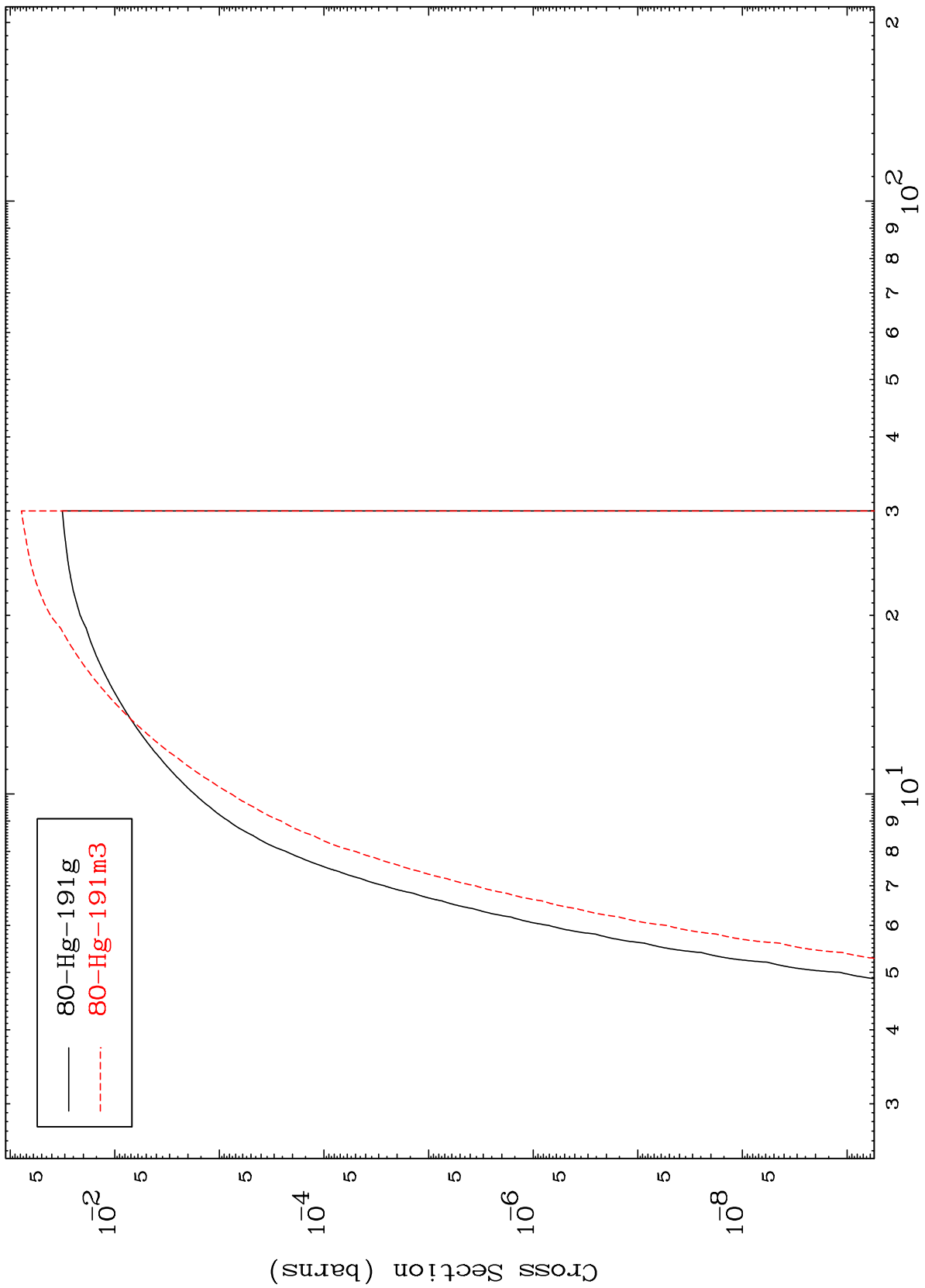
Incident Energy (MeV)

MAT 8092

(n,n') p

81-Tl-192

Radionuclide Production Cross Section



80-Hg-191g  
80-Hg-191m3

94

Incident Energy (MeV)

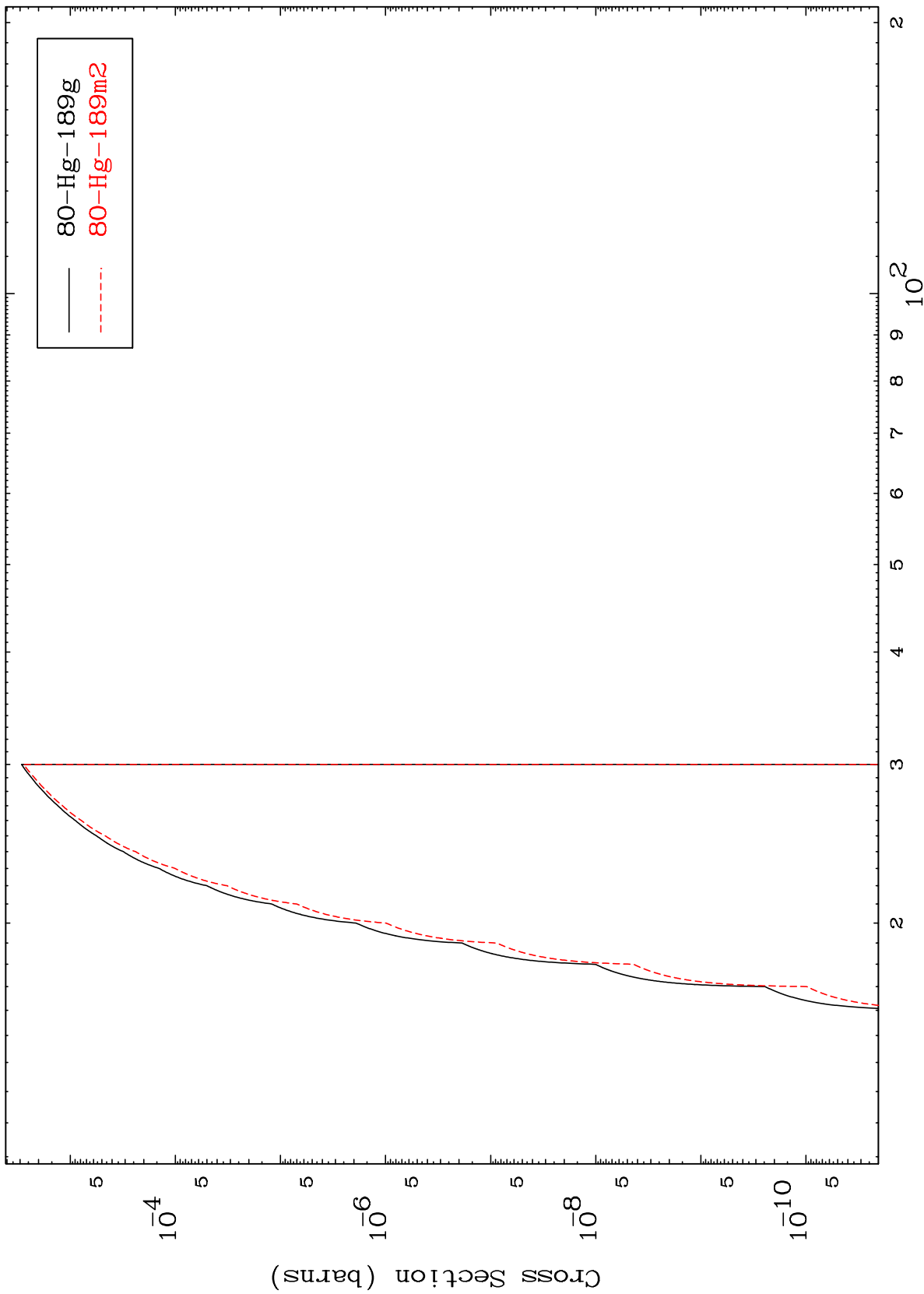
81-Tl-192

MAT 8092

(n,n') t

81-T1-192

Radionuclide Production Cross Section



95

Incident Energy (MeV)

81-T1-192

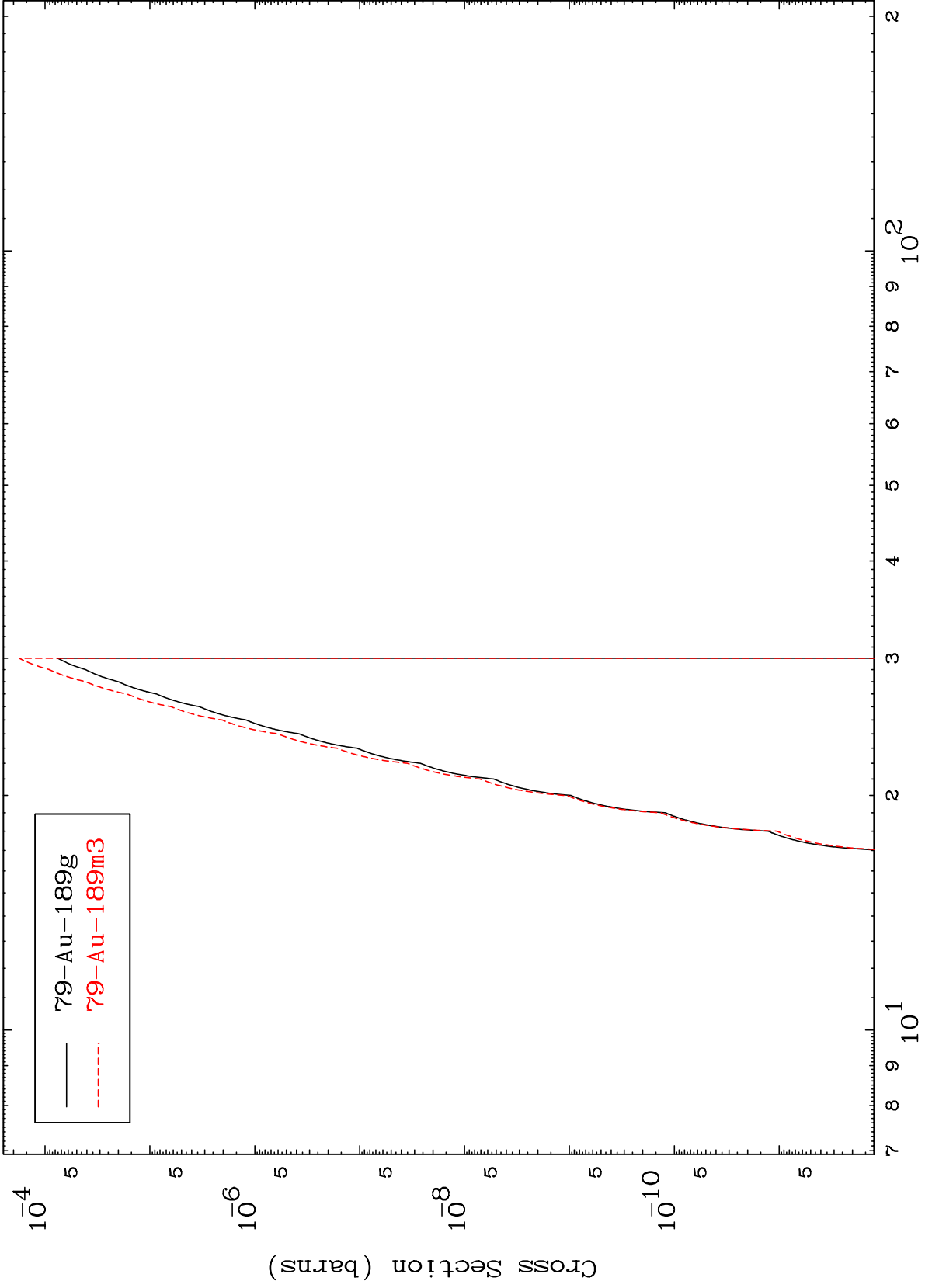


MAT 8092

(n,n') He-3

81-T1-192

Radionuclide Production Cross Section



96

Incident Energy (MeV)

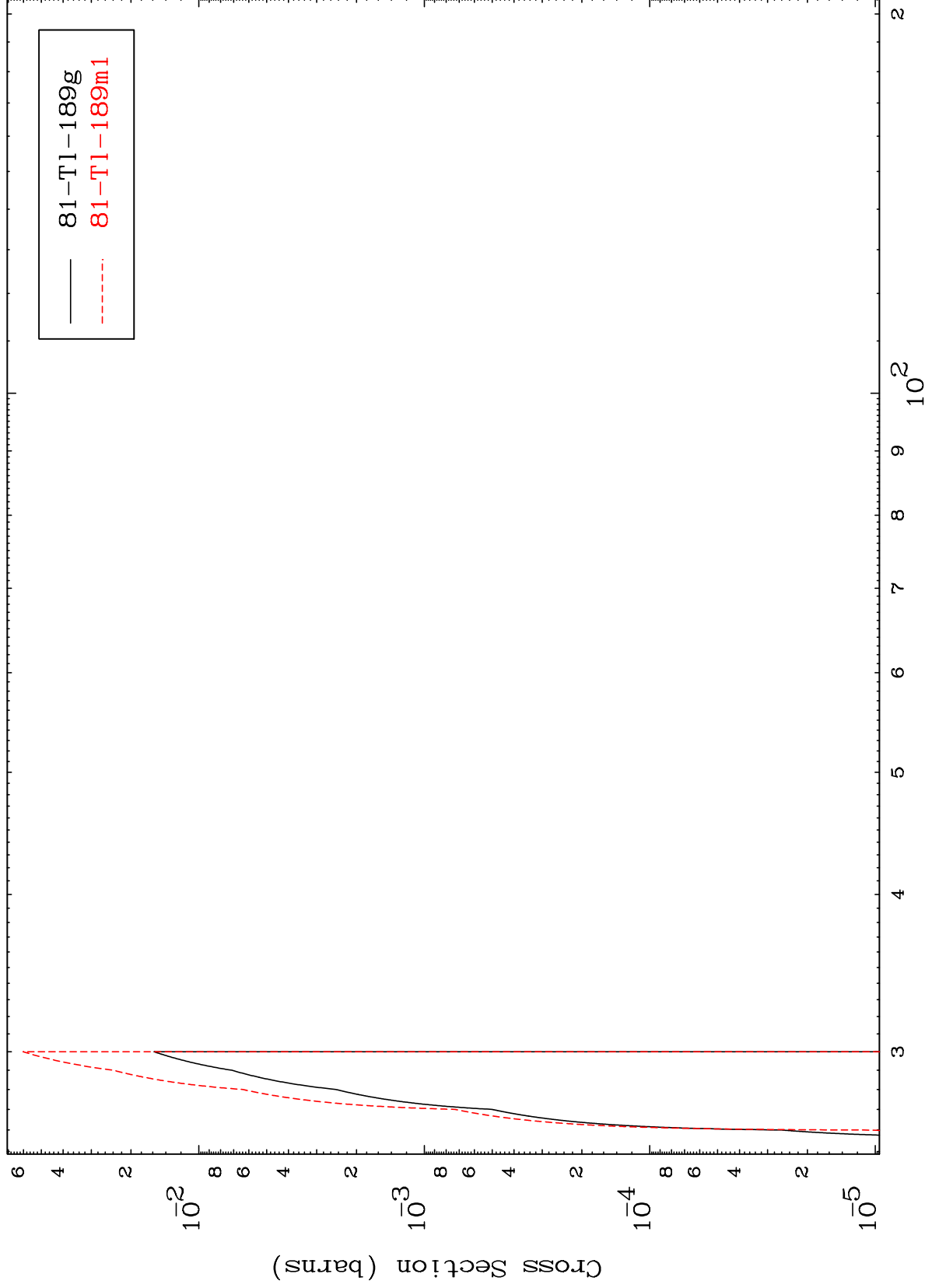
81-T1-192

MAT 8092

(n,4n)

81-Tl-192

Radionuclide Production Cross Section



97

Incident Energy (MeV)

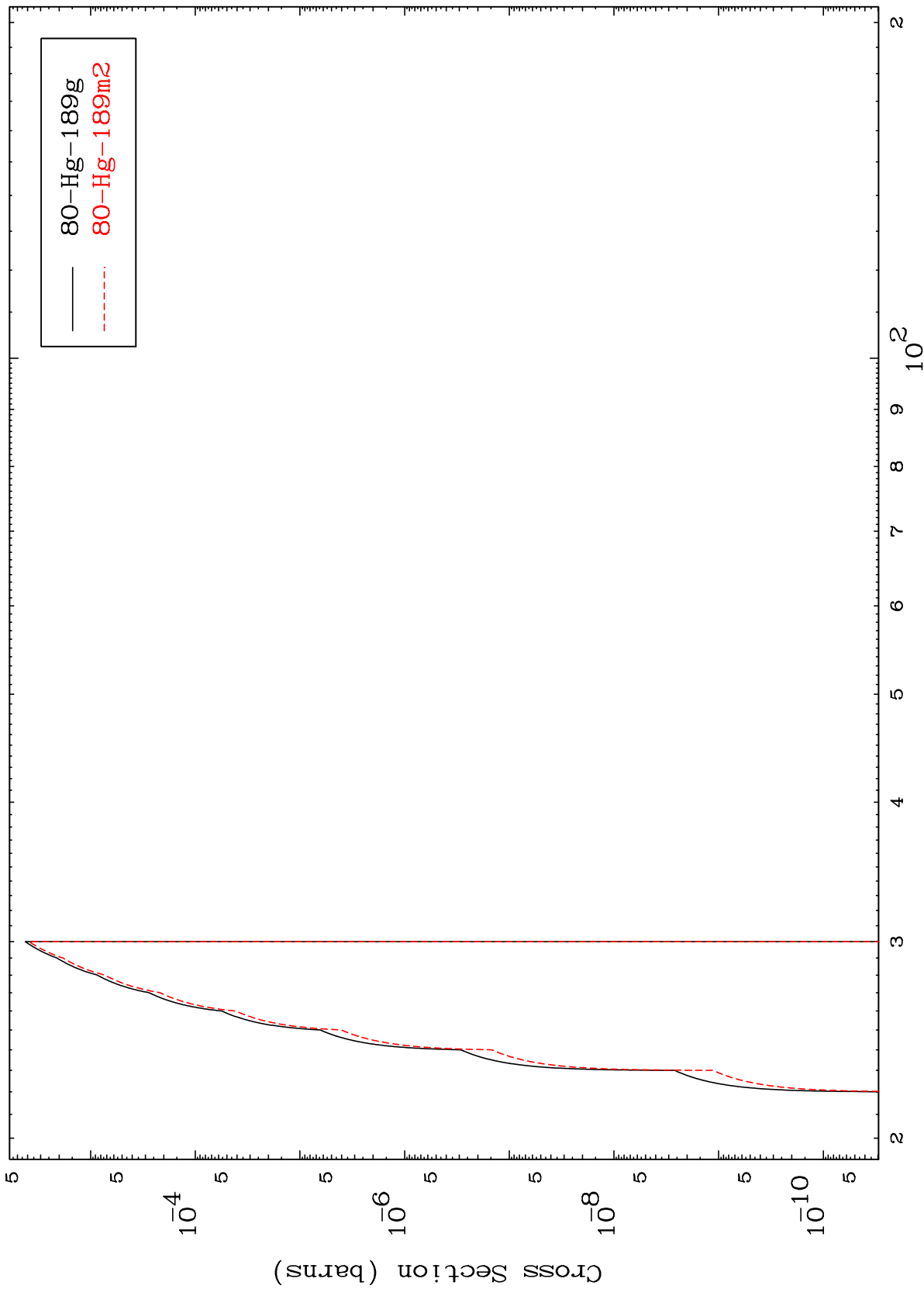
81-Tl-192

MAT 8092

(n,3n) p

81-T1-192

Radionuclide Production Cross Section



98

Incident Energy (MeV)

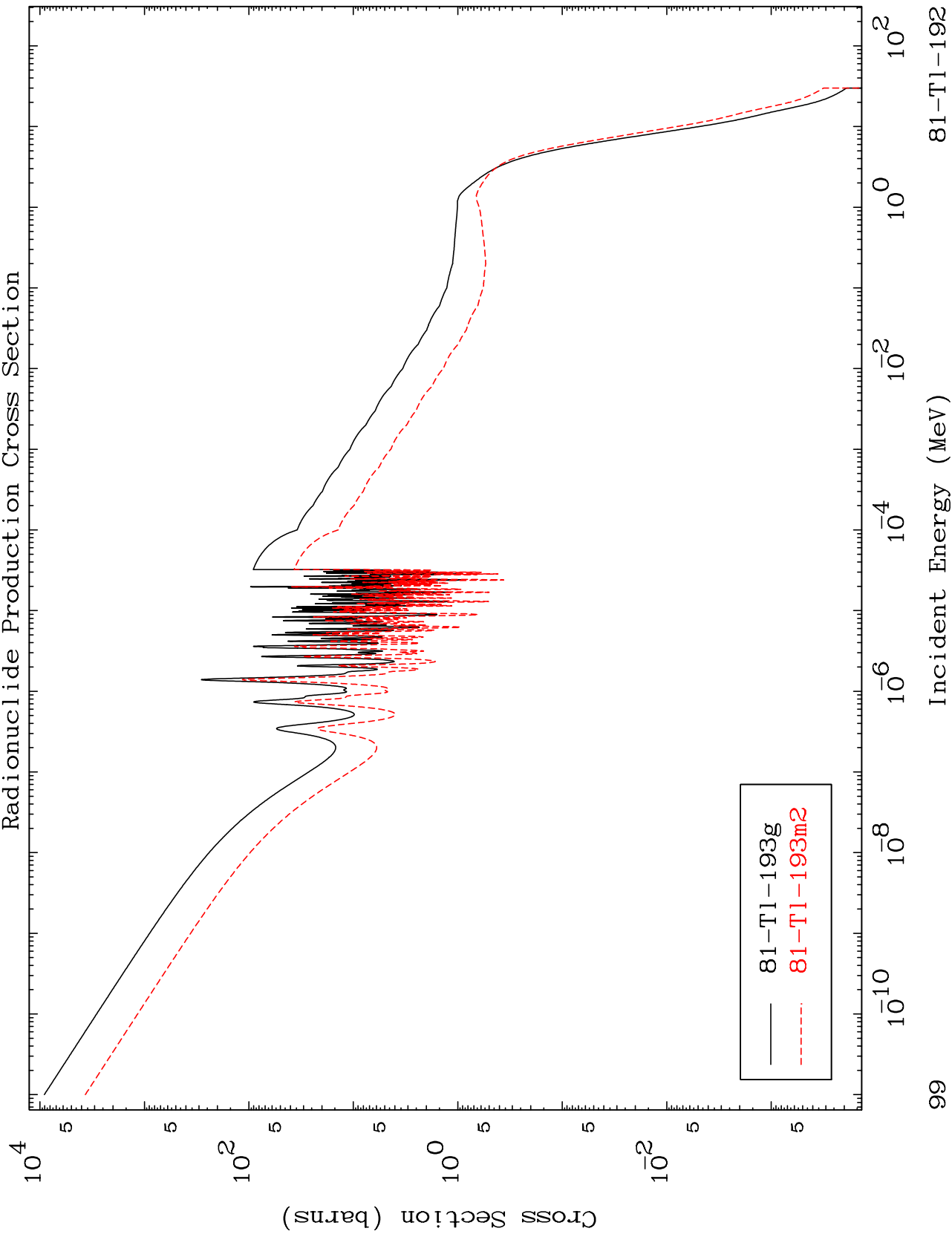
81-T1-192

MAT 8092

81-Tl-192

Radionuclide Production Cross Section

(n,γ)

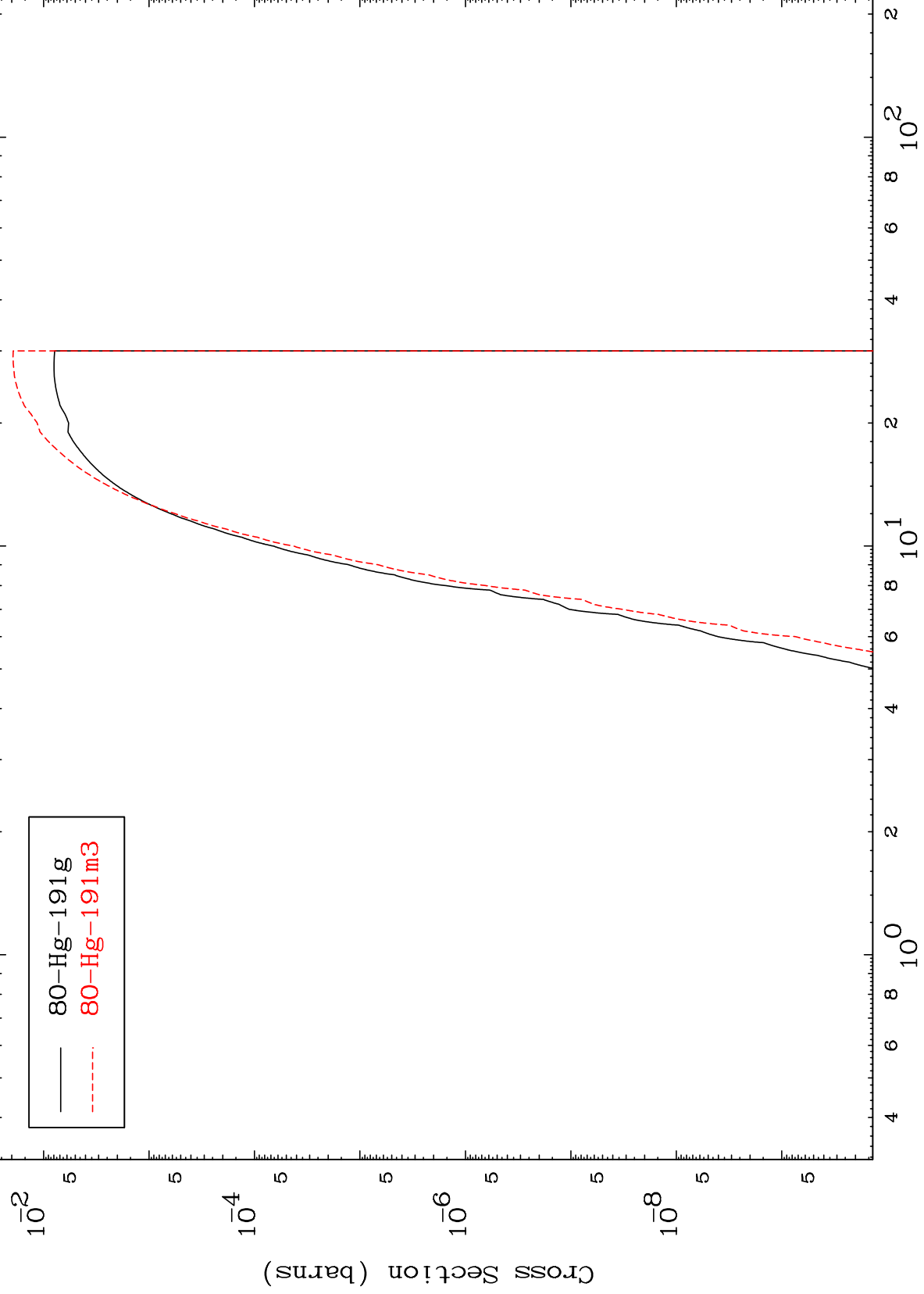


MAT 8092

(n,d)

81-Tl-192

Radionuclide Production Cross Section



100

Incident Energy (MeV)

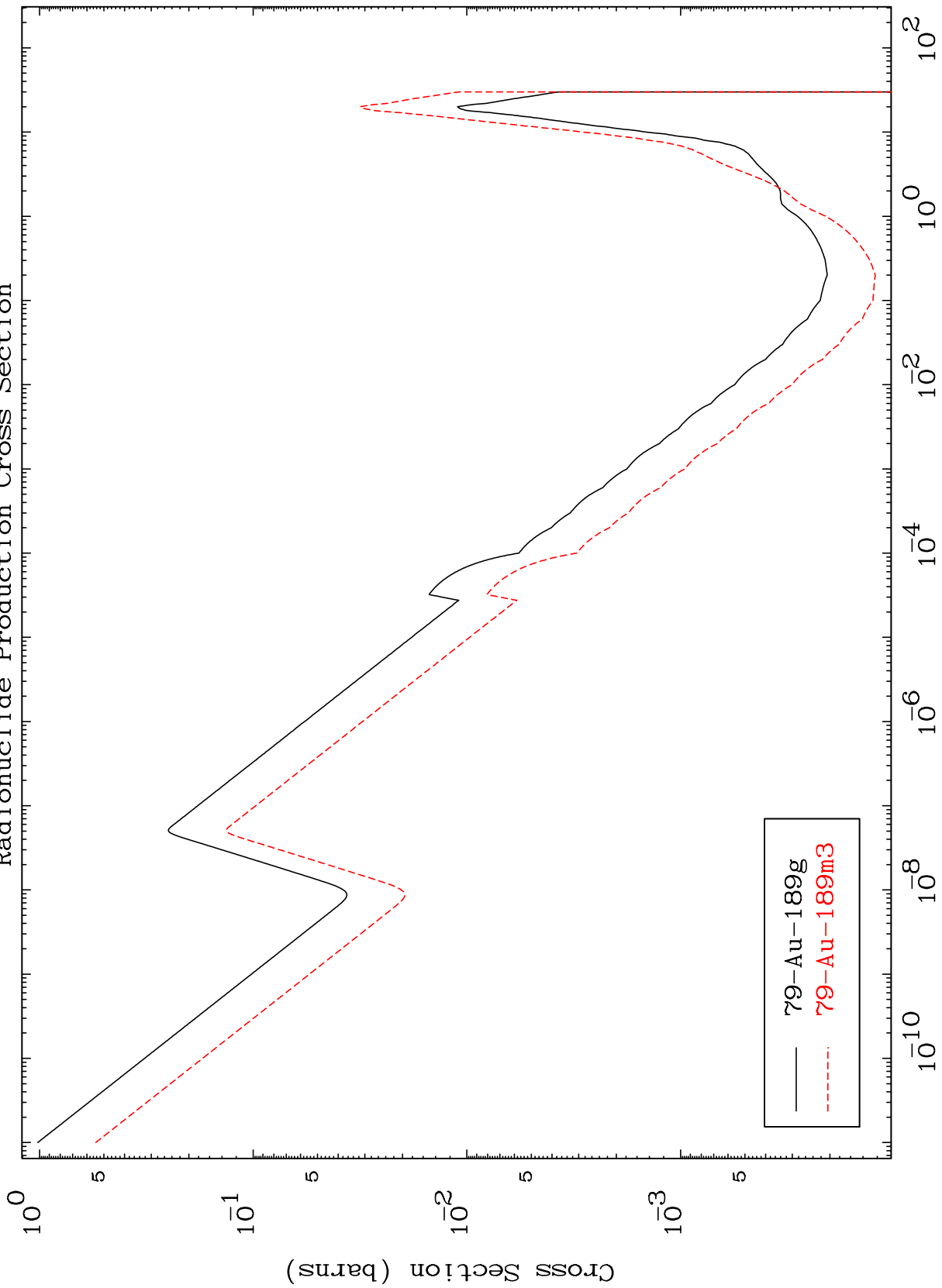
81-Tl-192

MAT 8092

81-Tl-192

Radionuclide Production Cross Section

(n,  $\alpha$ )



101

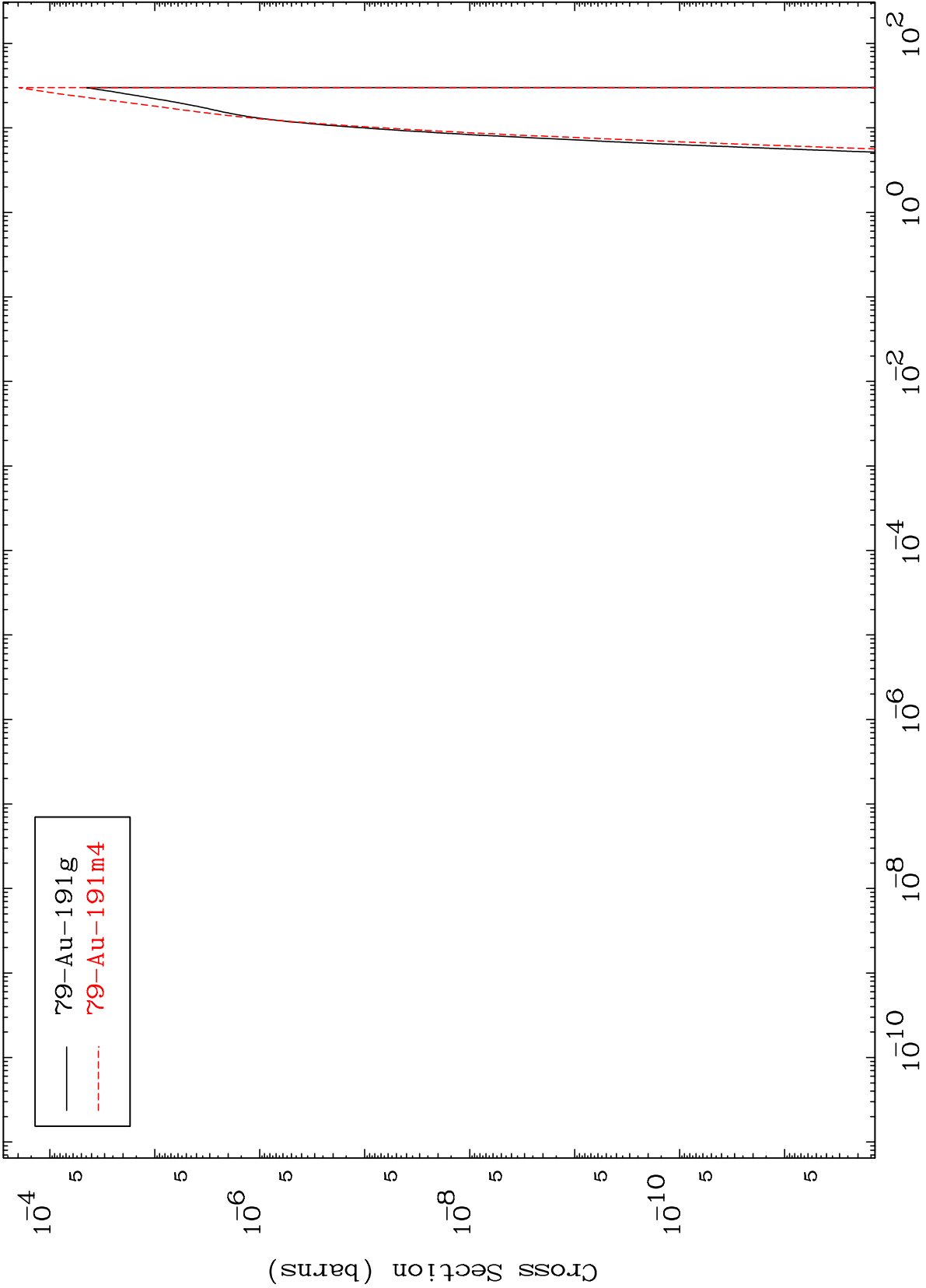
81-Tl-192

MAT 8092

(n,2p)

81-Tl-192

Radionuclide Production Cross Section



—  $^{79}\text{Au-191g}$   
- - -  $^{79}\text{Au-191m4}$

102

Incident Energy (MeV)

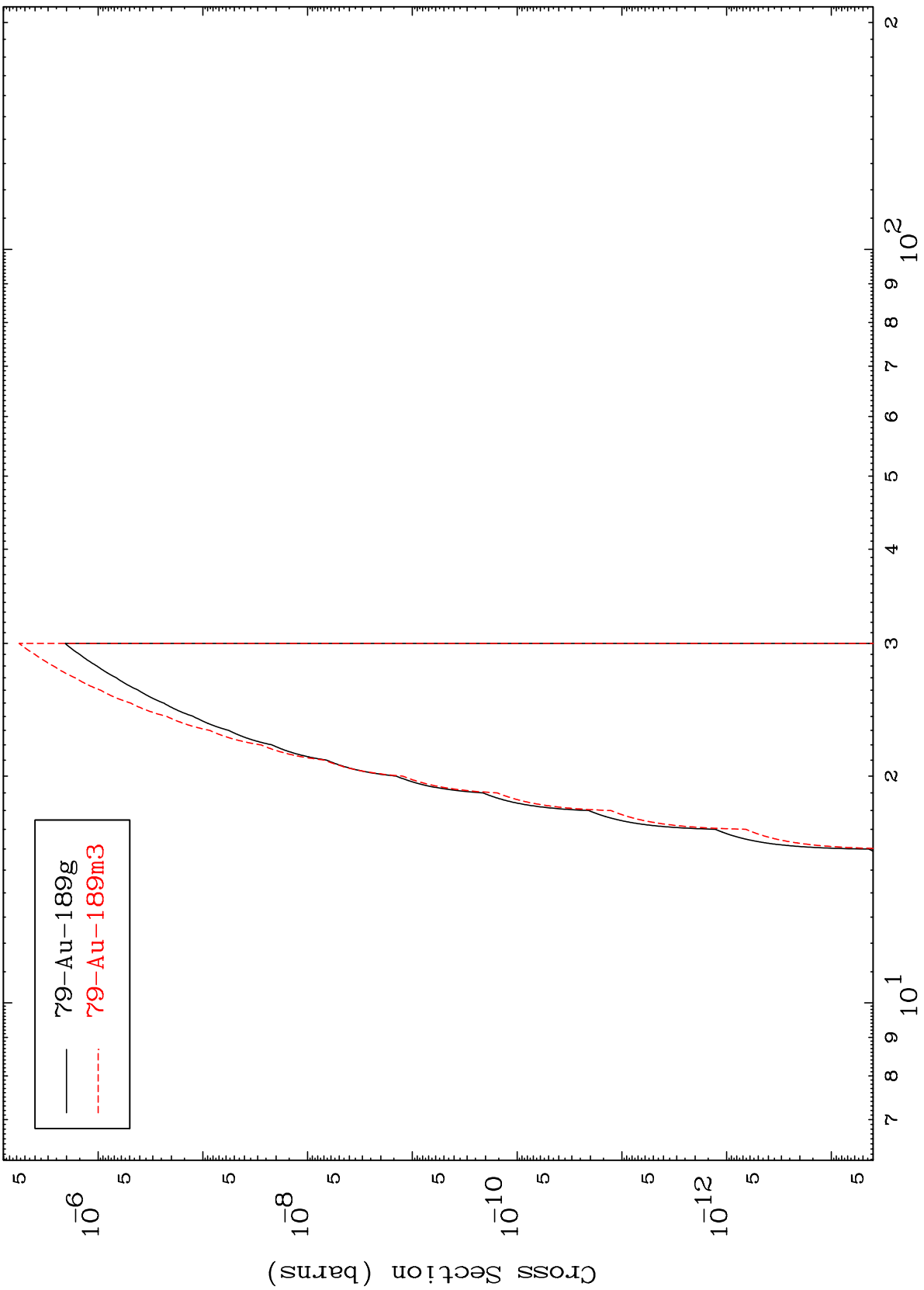
81-Tl-192

MAT 8092

(n,p) t

81-Tl-192

Radionuclide Production Cross Section



103

Incident Energy (MeV)

81-Tl-192