

Program EVALPLOT
(Version 2017-1)

by

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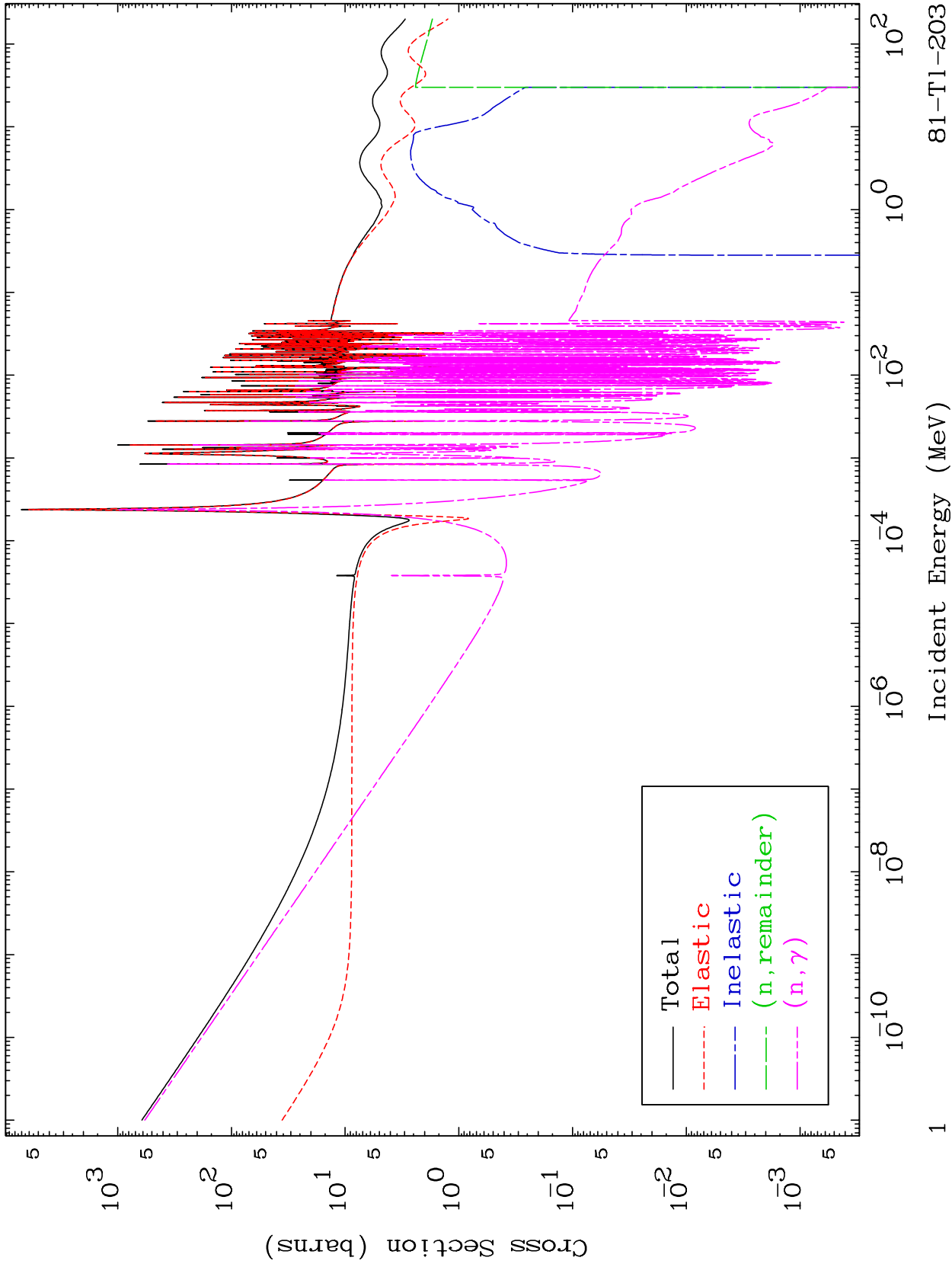
Press Mouse Button to Start

MAT 8125

Major

293 Kelvin Cross Sections

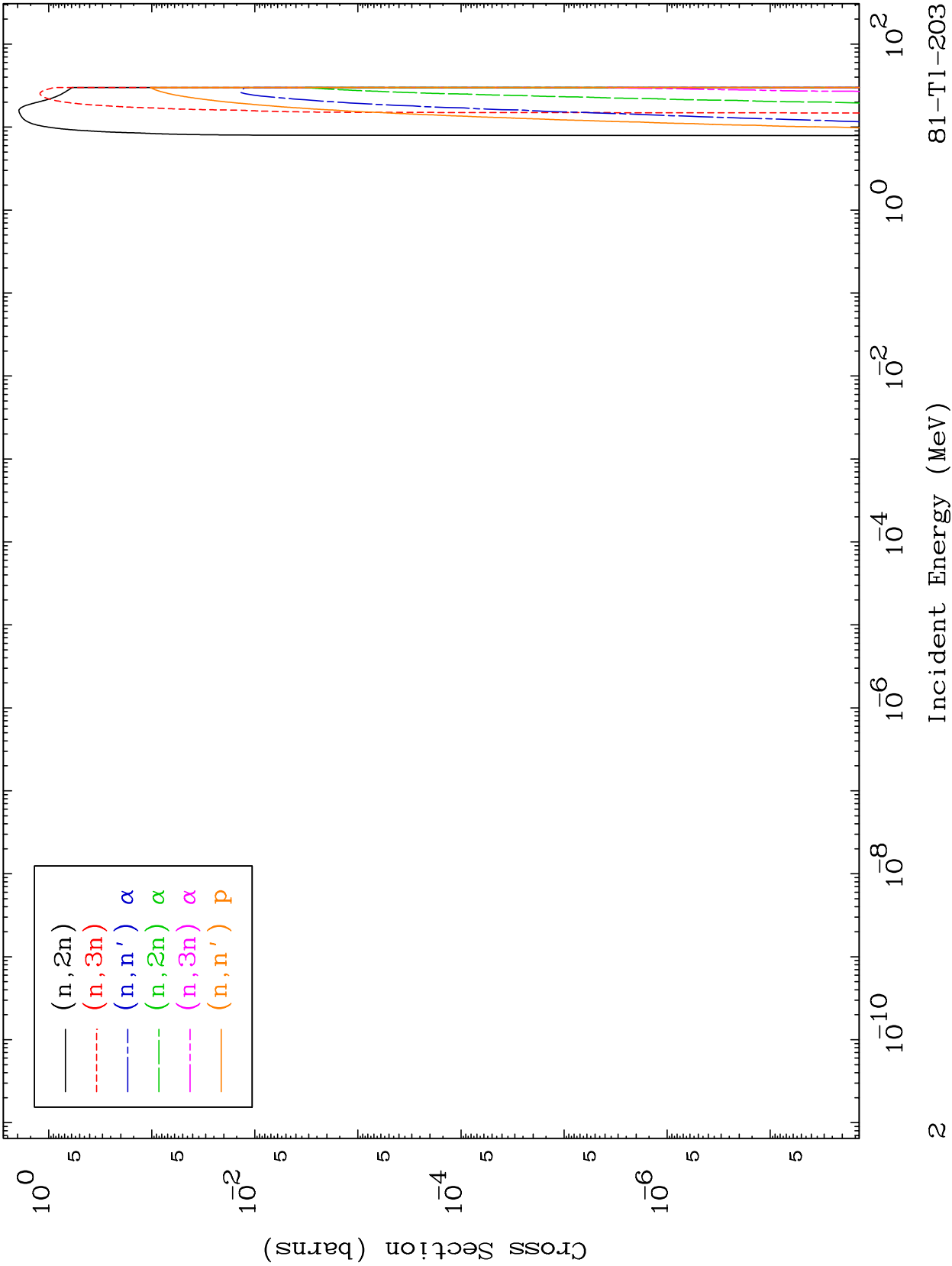
81-Tl-203

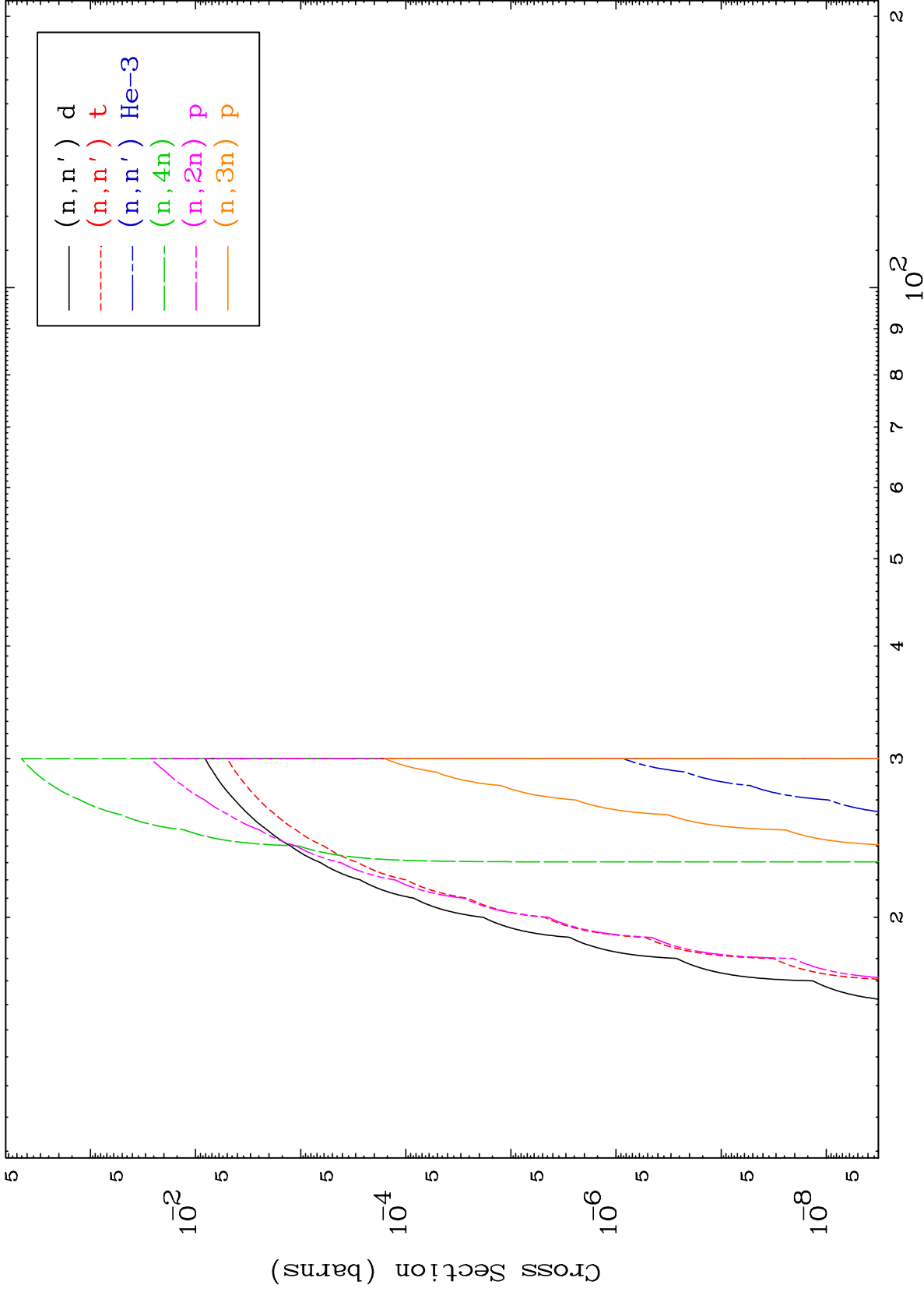


MAT 8125

Neutron Production
293 Kelvin Cross Sections

81-Tl-203

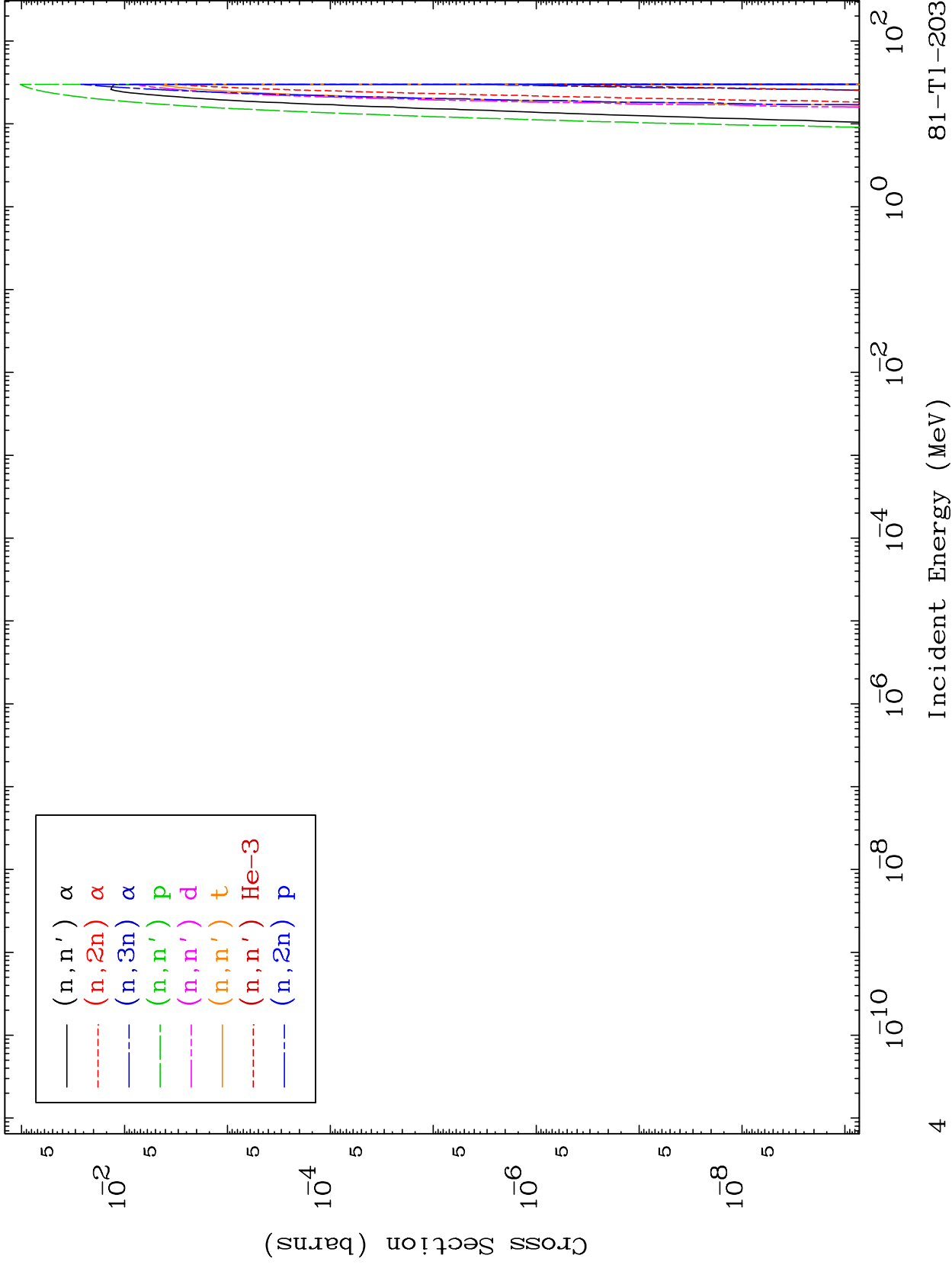




MAT 8125

Charged Particle
293 Kelvin Cross Sections

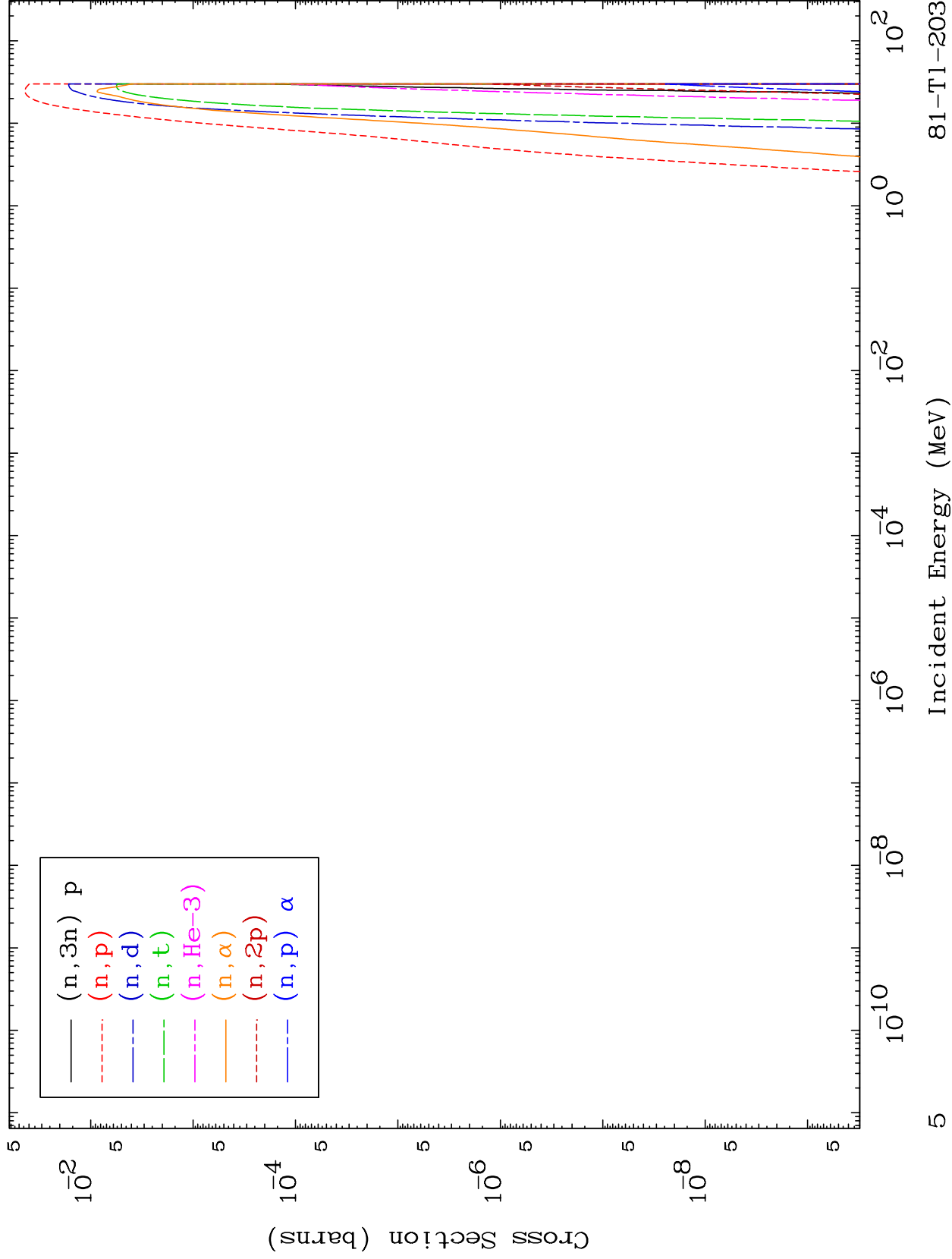
81-Tl-203



MAT 8125

Charged Particle
293 Kelvin Cross Sections

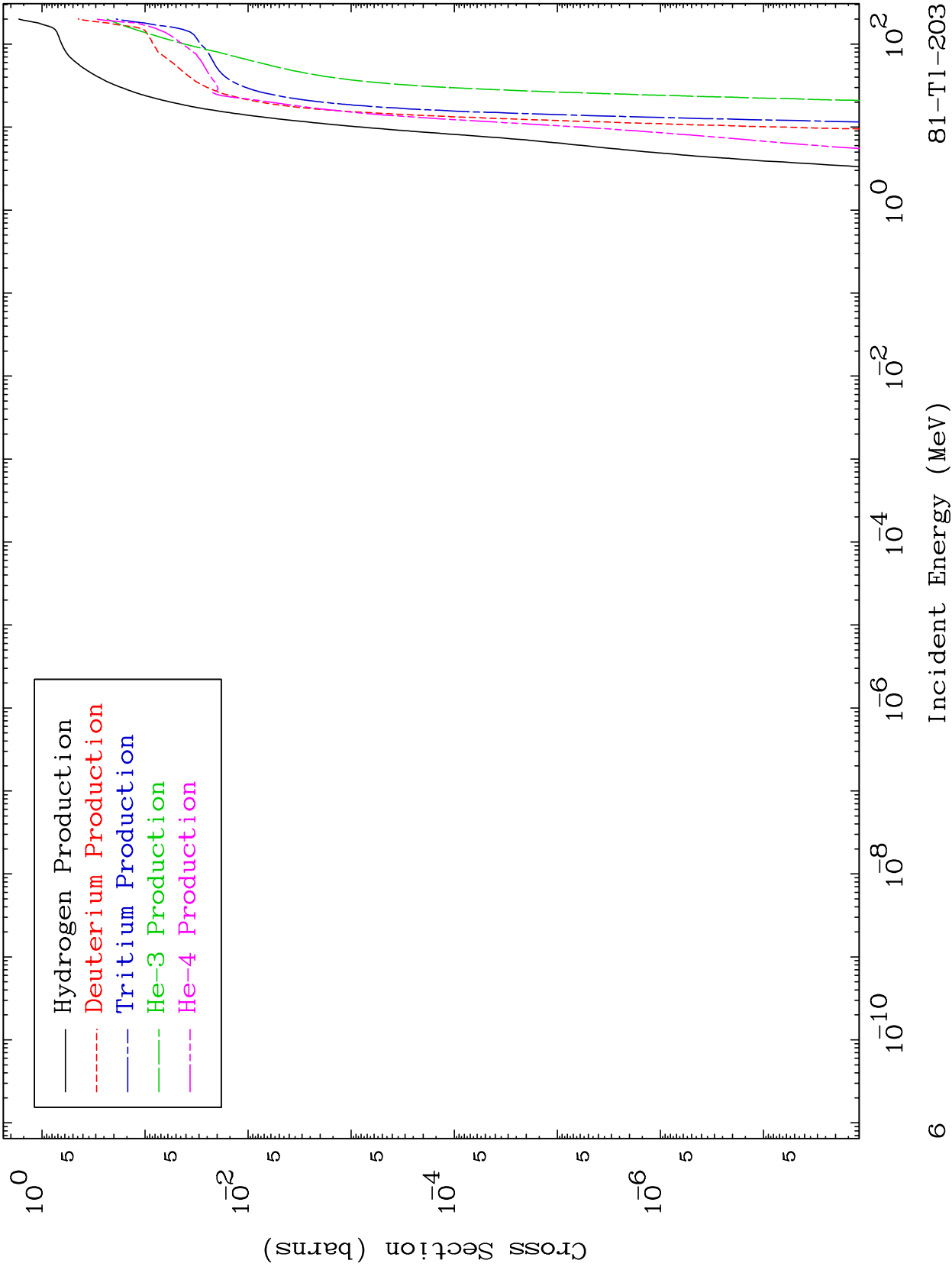
81-Tl-203



MAT 8125

Particle Production
293 Kelvin Cross Sections

81-T1-203

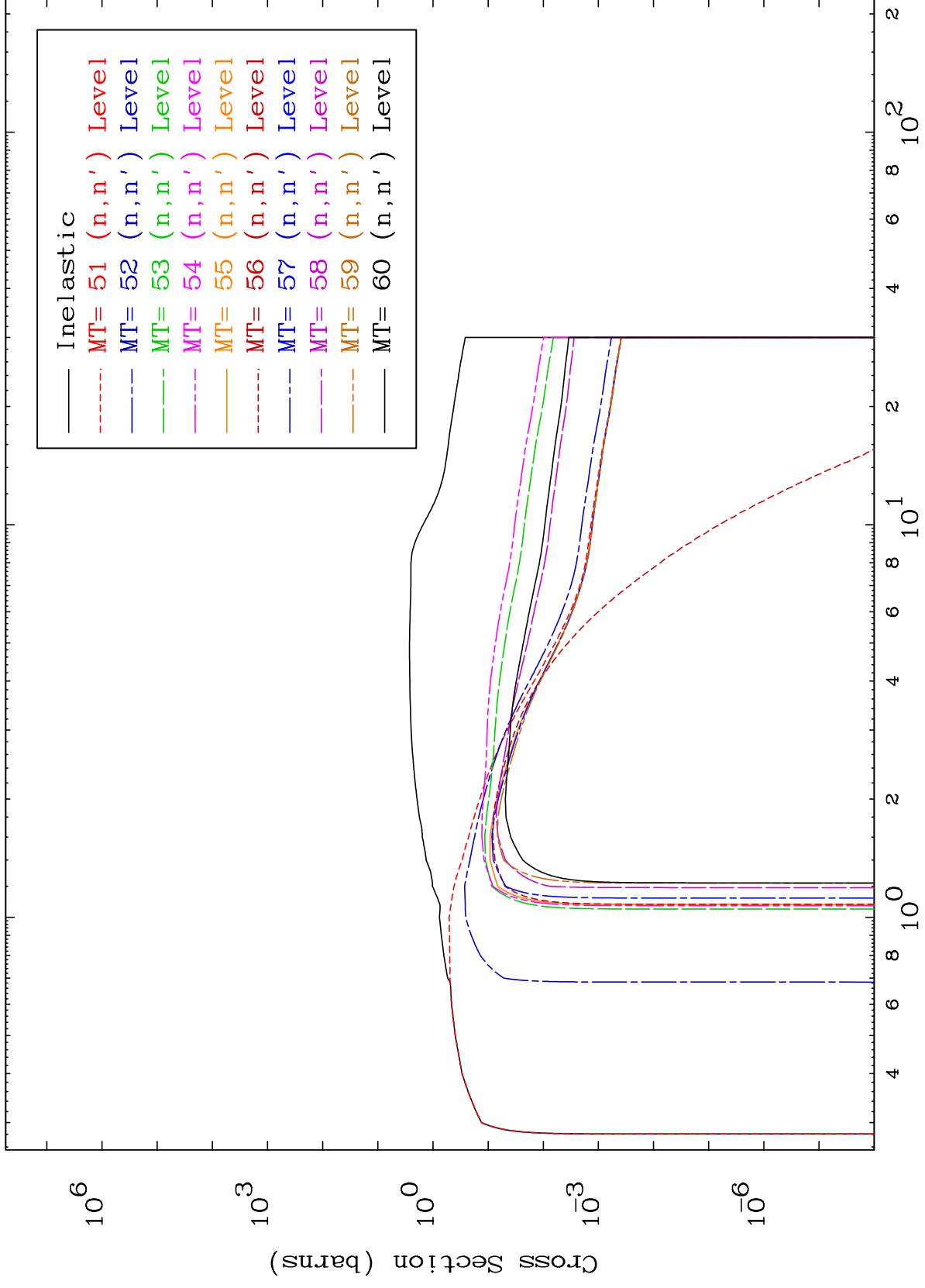


MAT 8125

(n,n') Level

81-T1-203

293 Kelvin Cross Sections

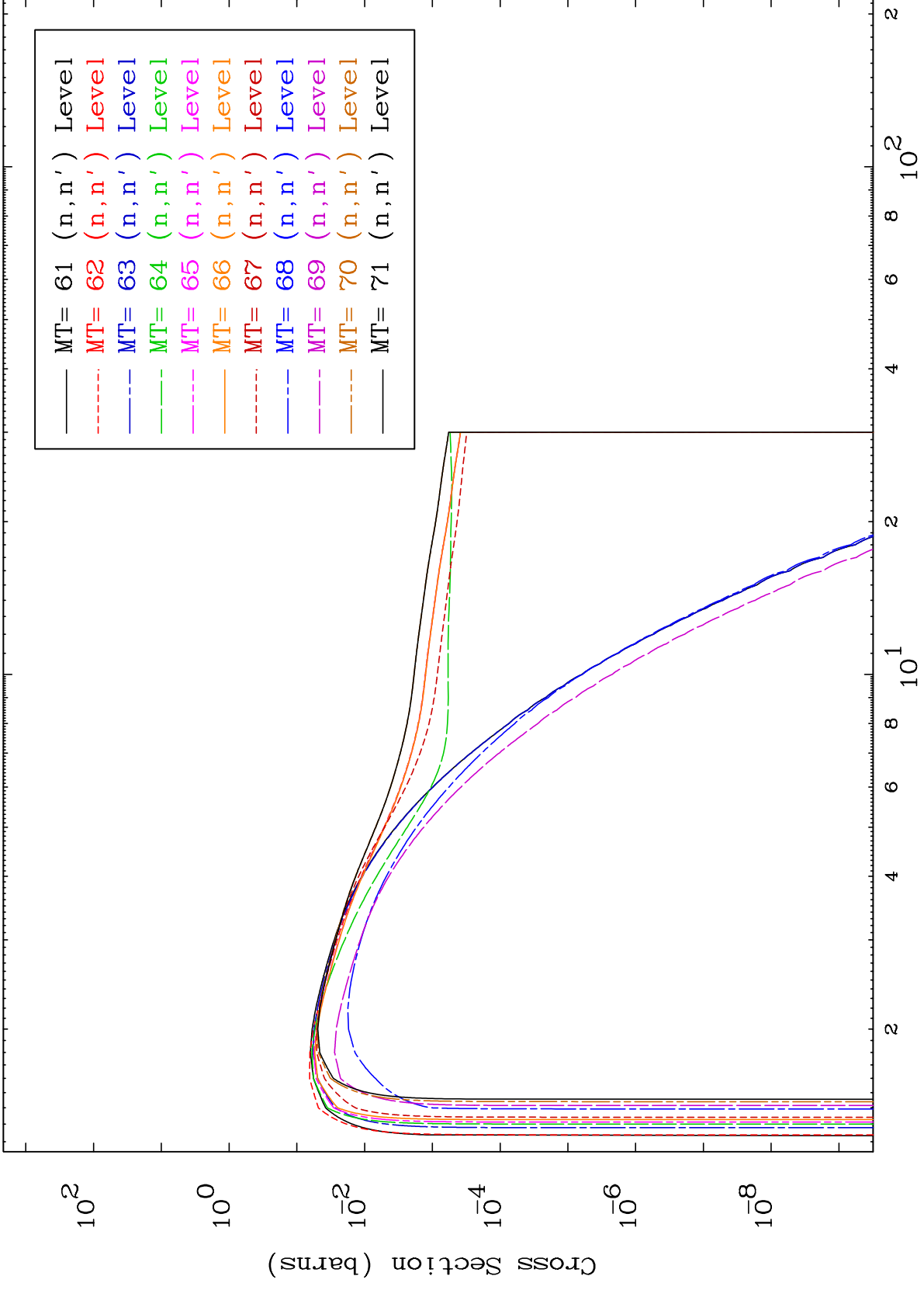


MAT 8125

(n,n') Level

81-T1-203

293 Kelvin Cross Sections



8

Incident Energy (MeV)

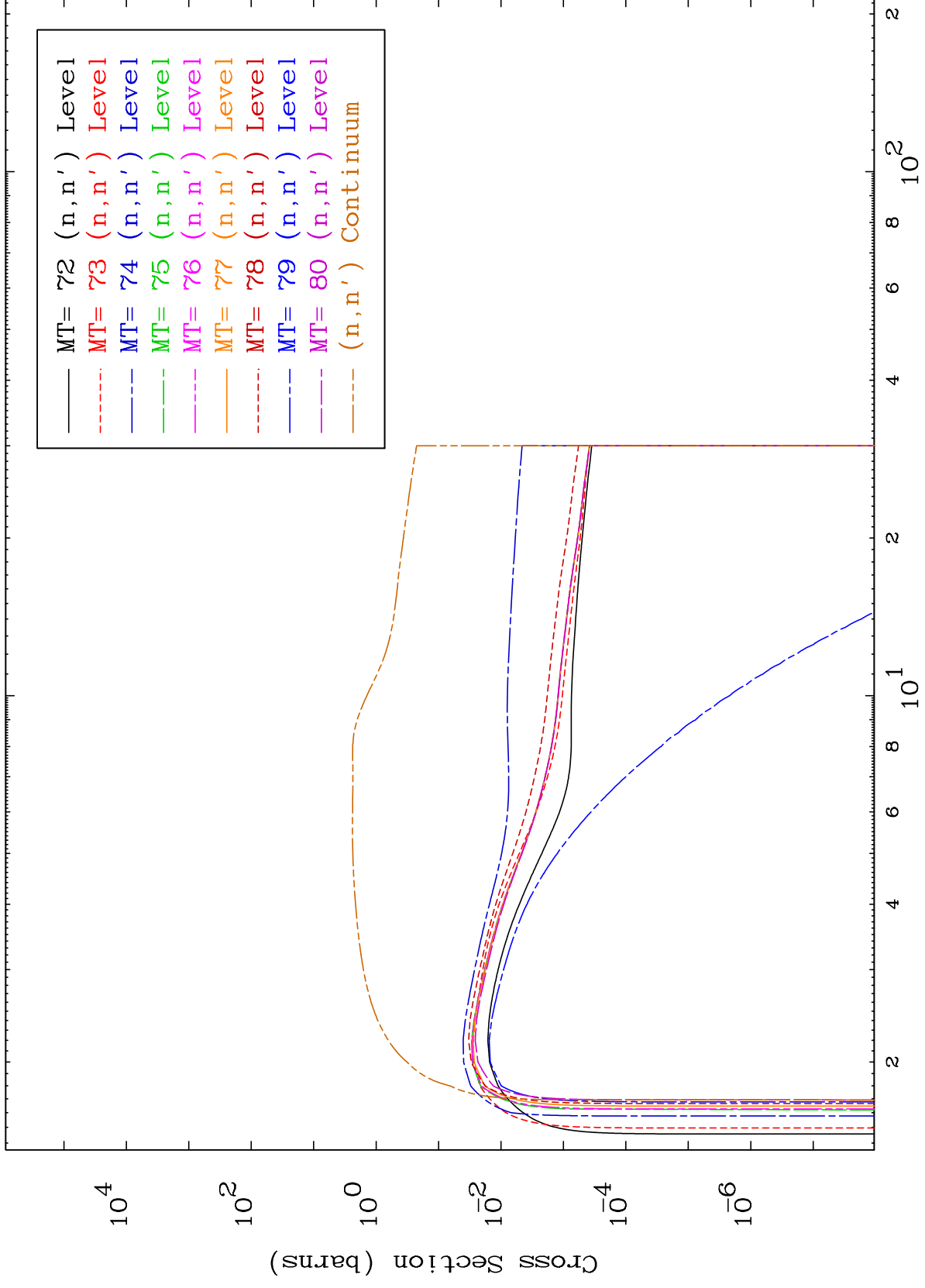
81-T1-203

MAT 8125

(n,n') Level

81-Tl-203

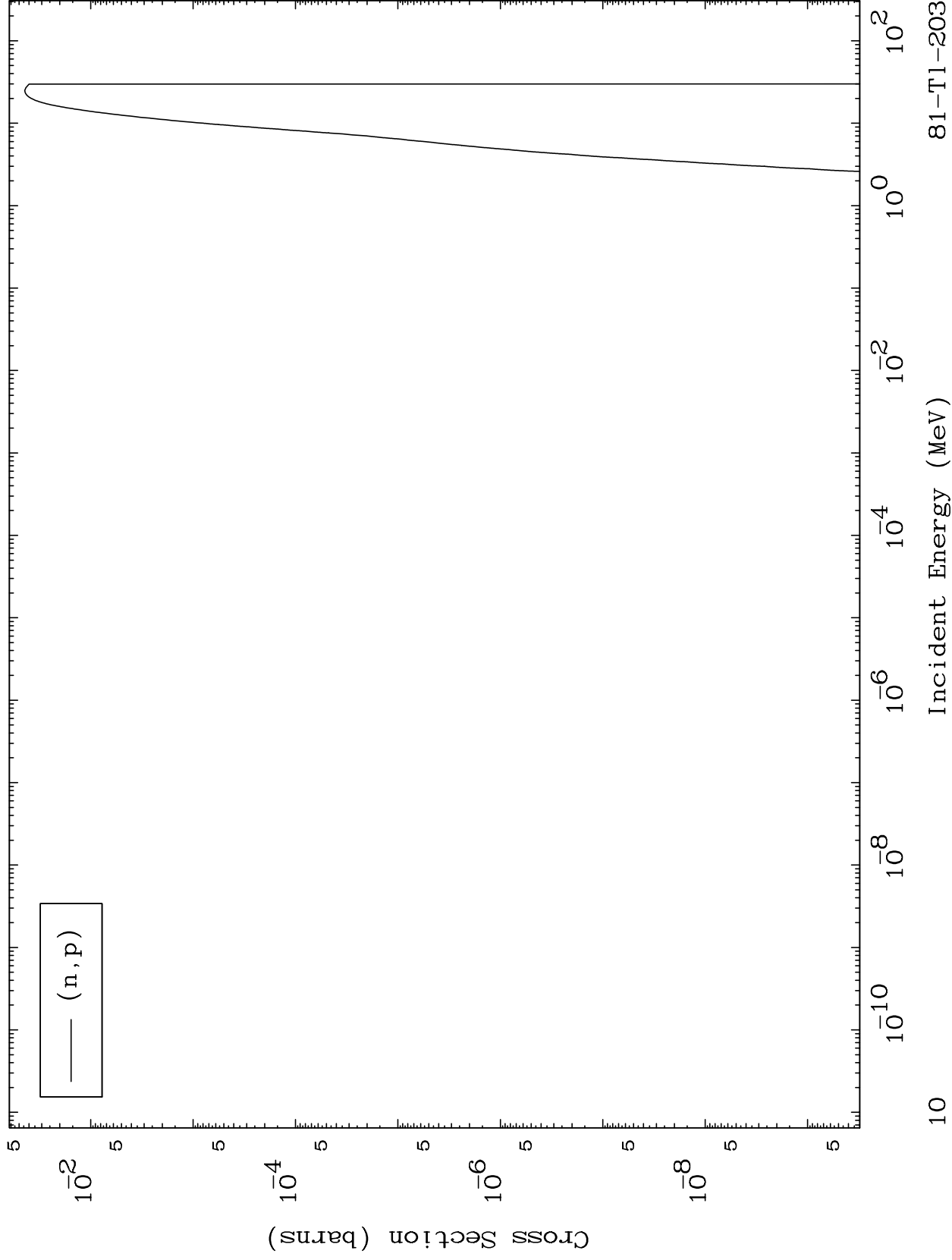
293 Kelvin Cross Sections



MAT 8125

(n,p) Levels
293 Kelvin Cross Sections

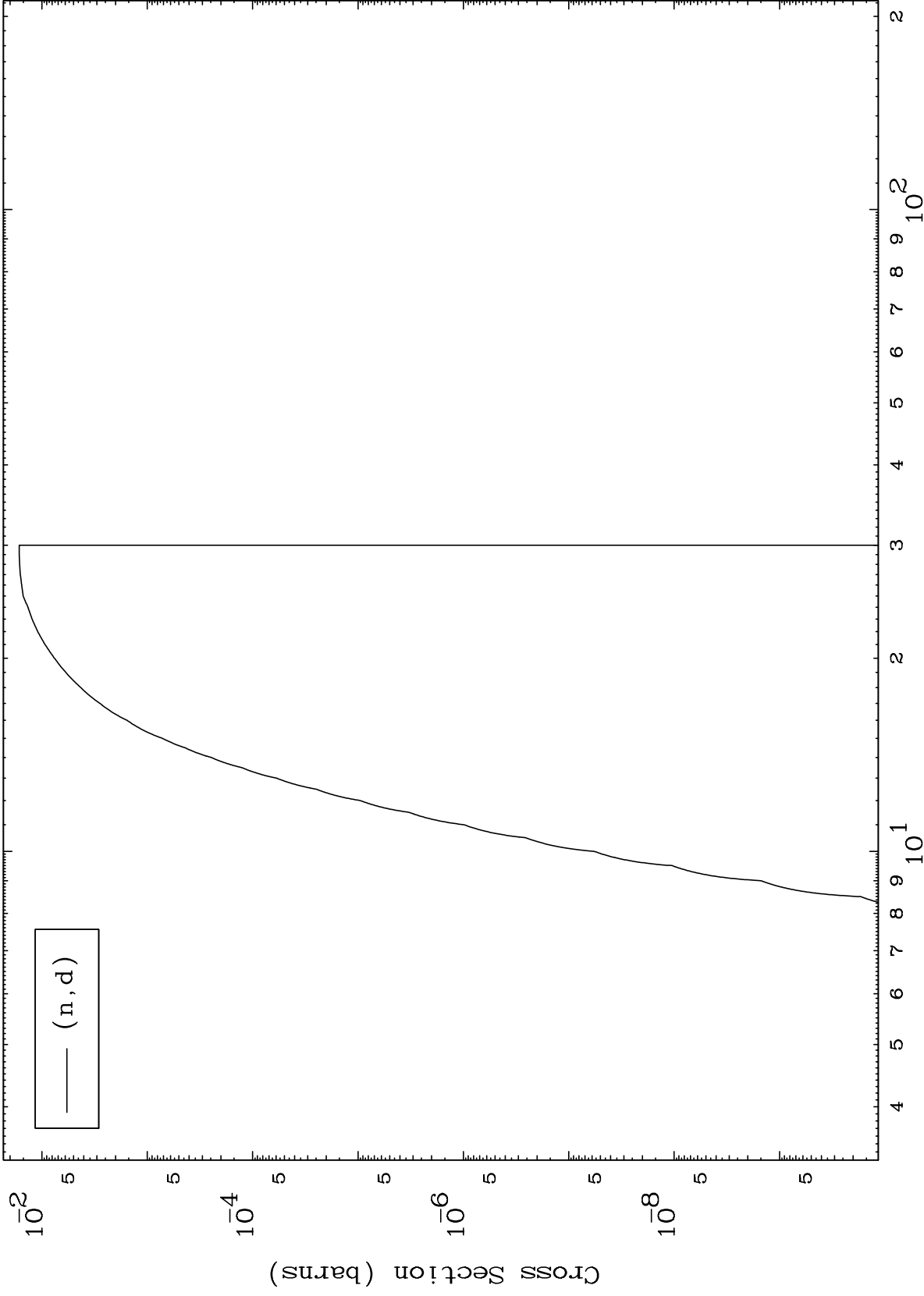
81-Tl-203



MAT 8125

(n,d) Levels
293 Kelvin Cross Sections

81-T1-203



11

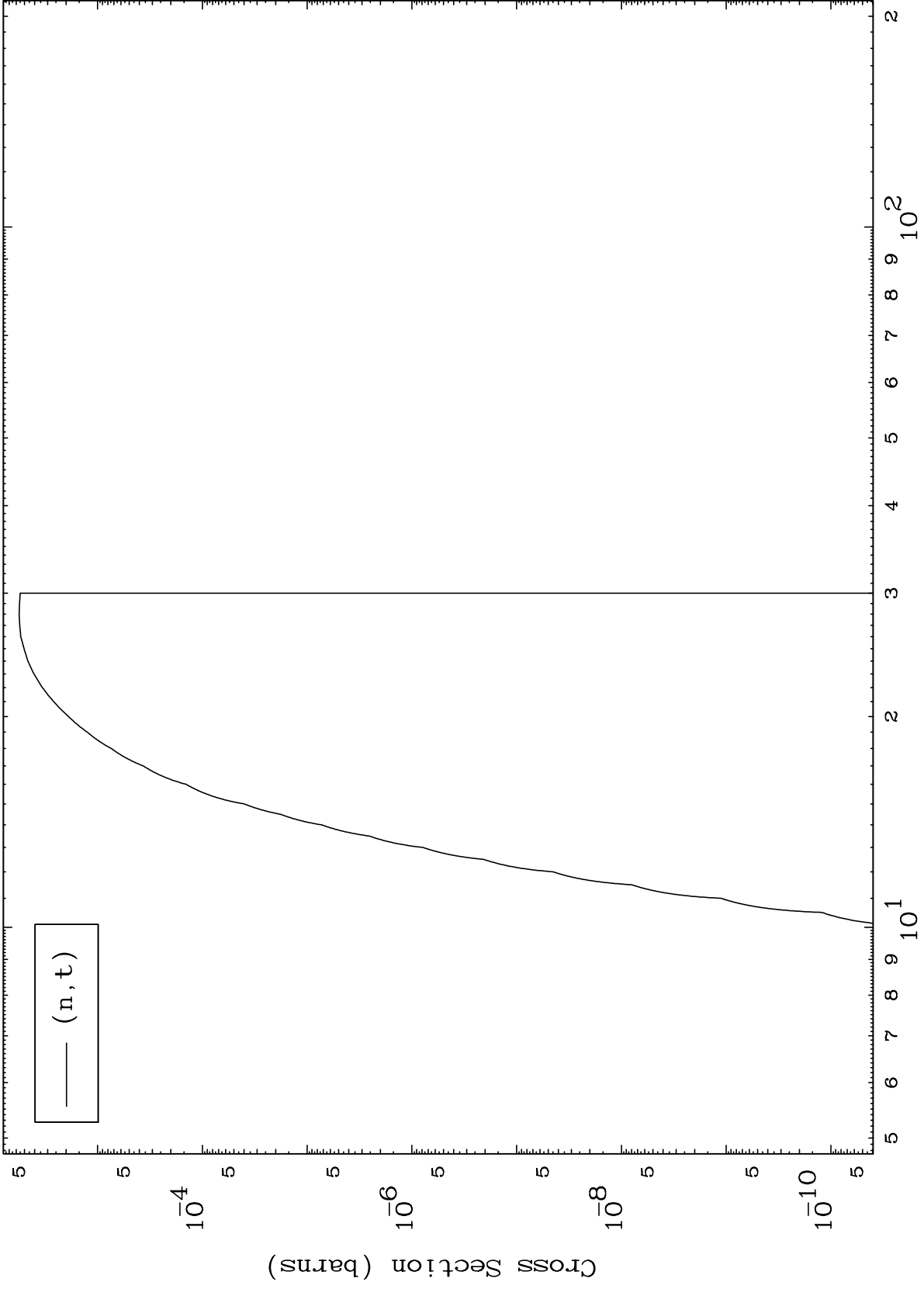
Incident Energy (MeV)

81-T1-203

MAT 8125

(n,t) Levels
293 Kelvin Cross Sections

81-T1-203



12

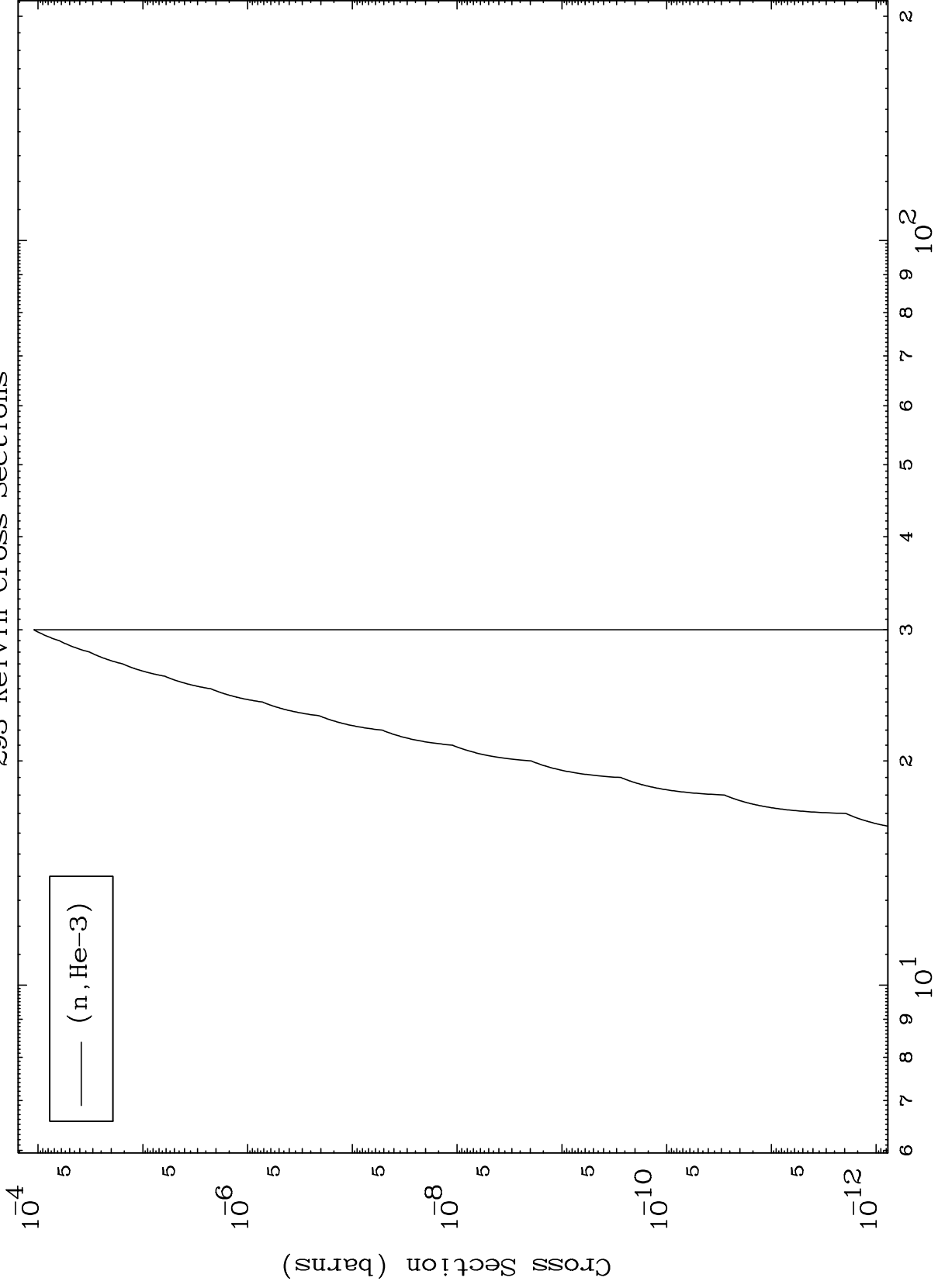
Incident Energy (MeV)

81-T1-203

MAT 8125

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-203



13

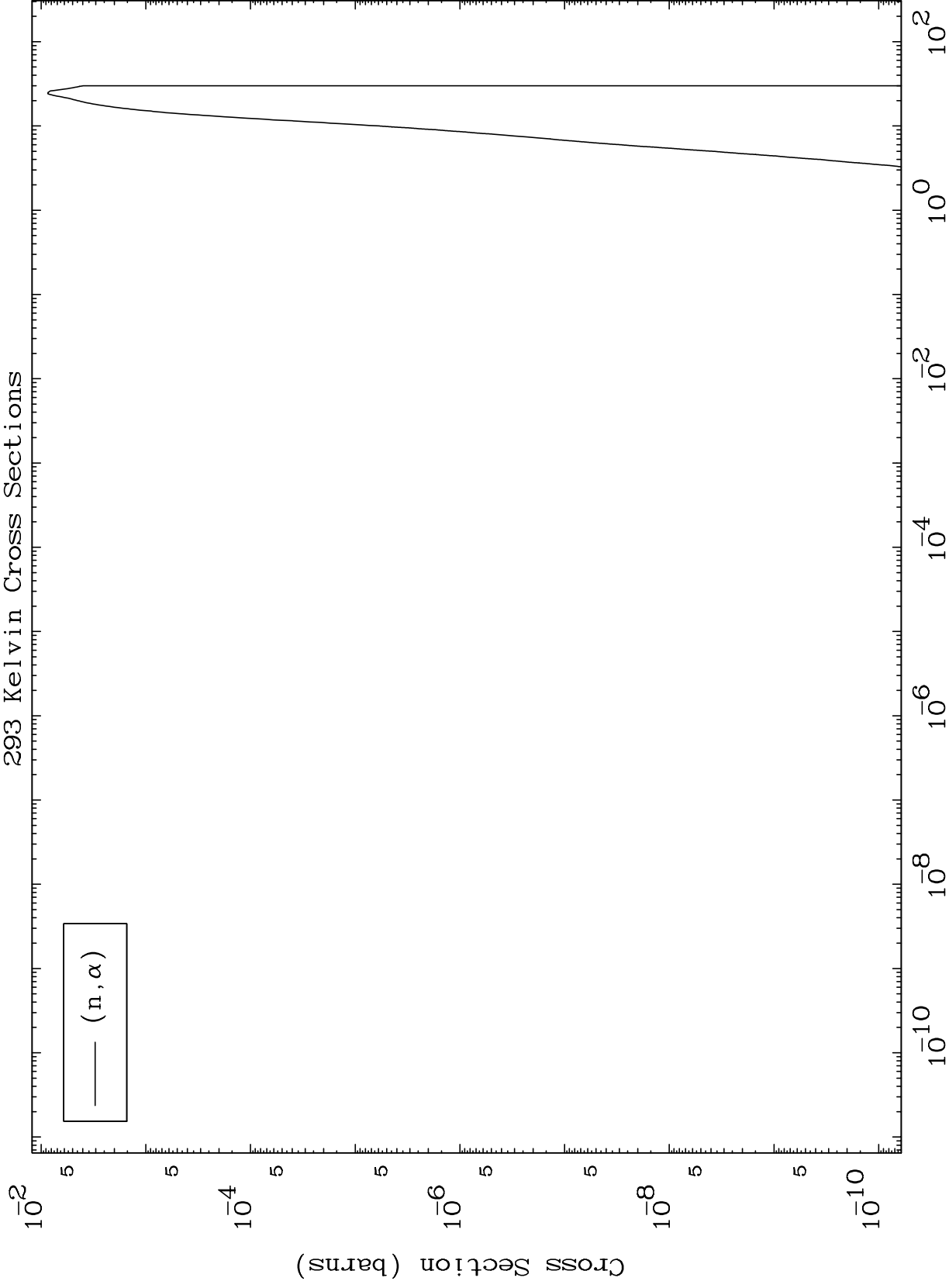
Incident Energy (MeV)

81-T1-203

MAT 8125

(n, α) Levels
293 Kelvin Cross Sections

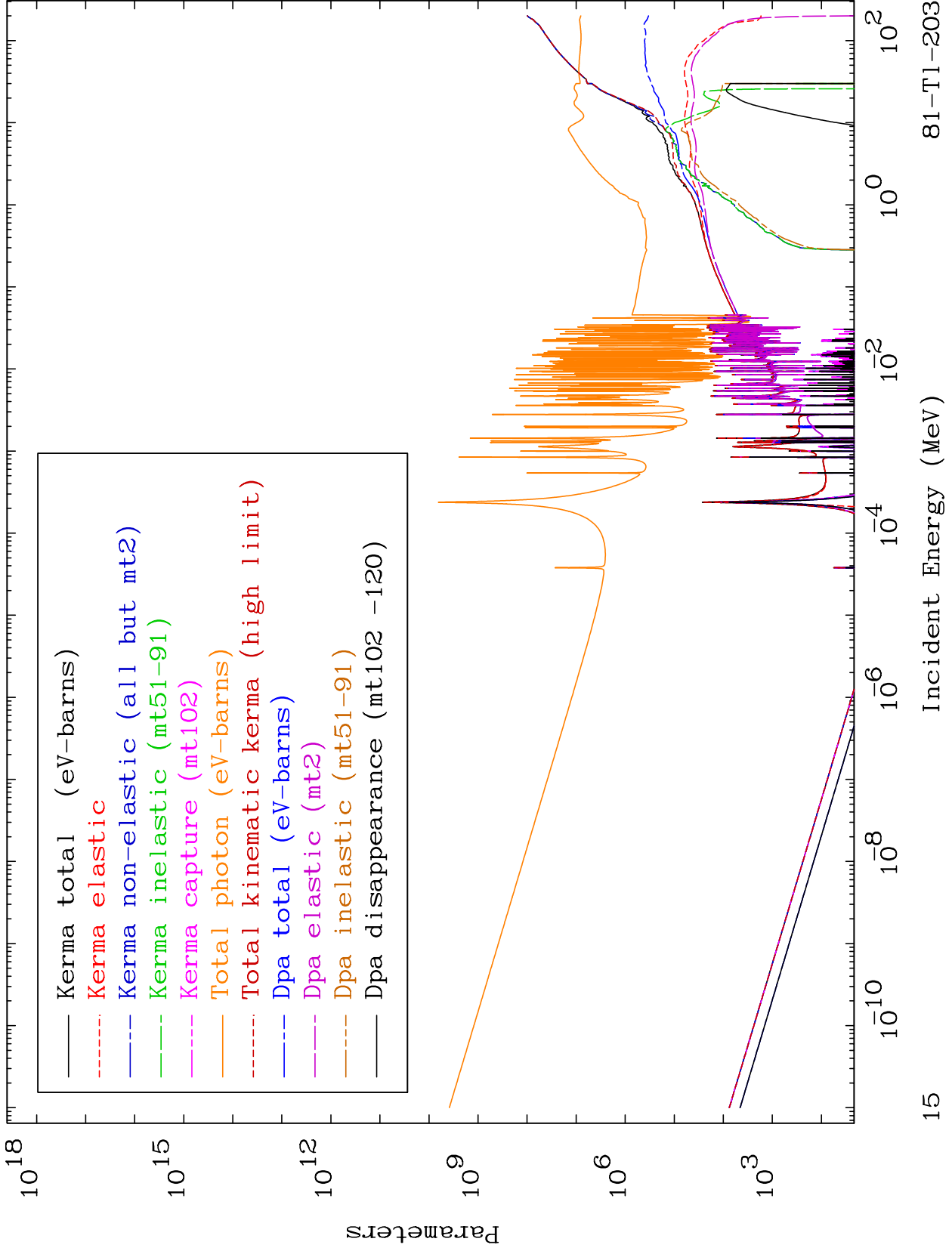
81-Tl-203



14

Incident Energy (MeV)

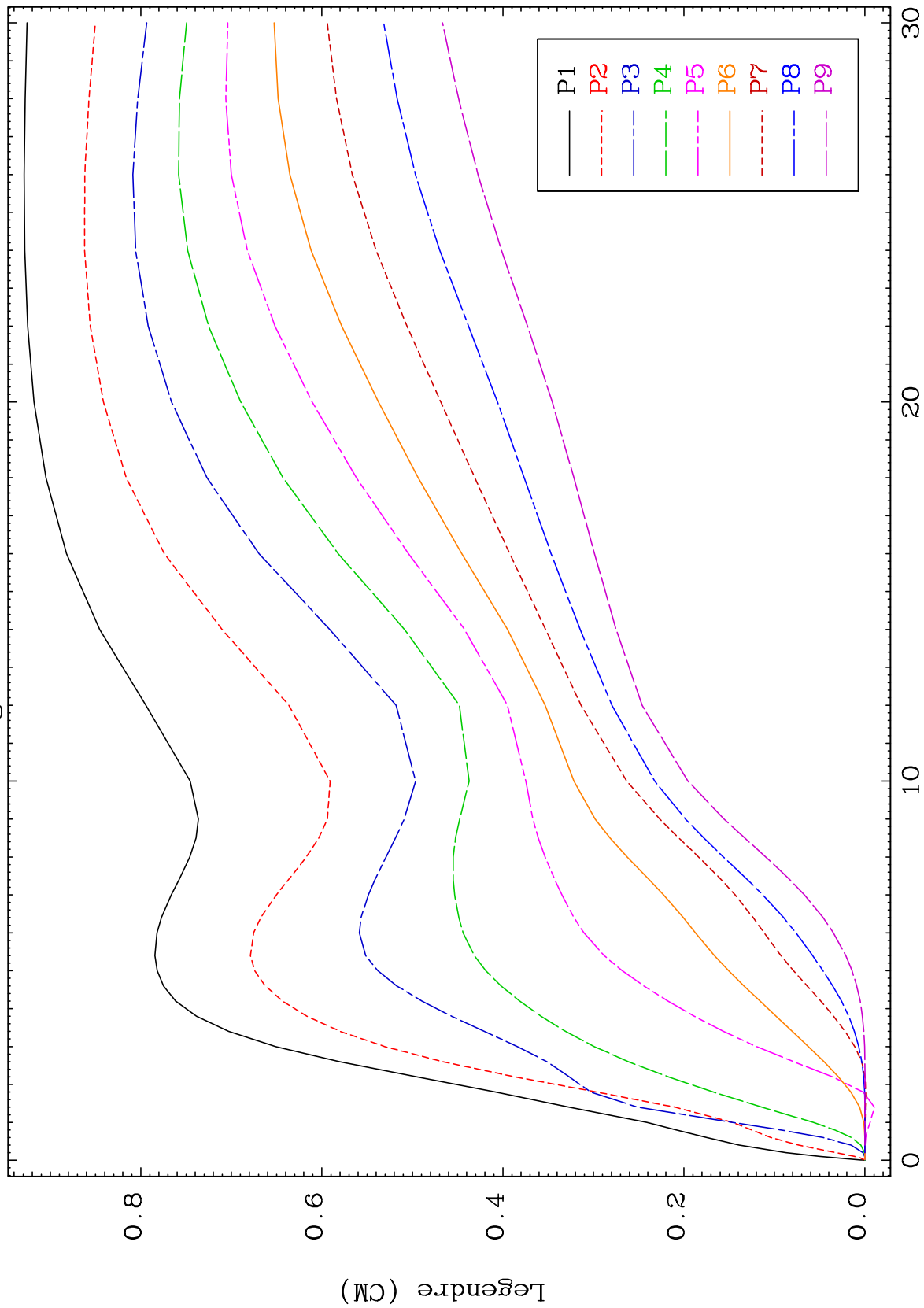
81-Tl-203



MAT 8125

Elastic Legendre Coefficients

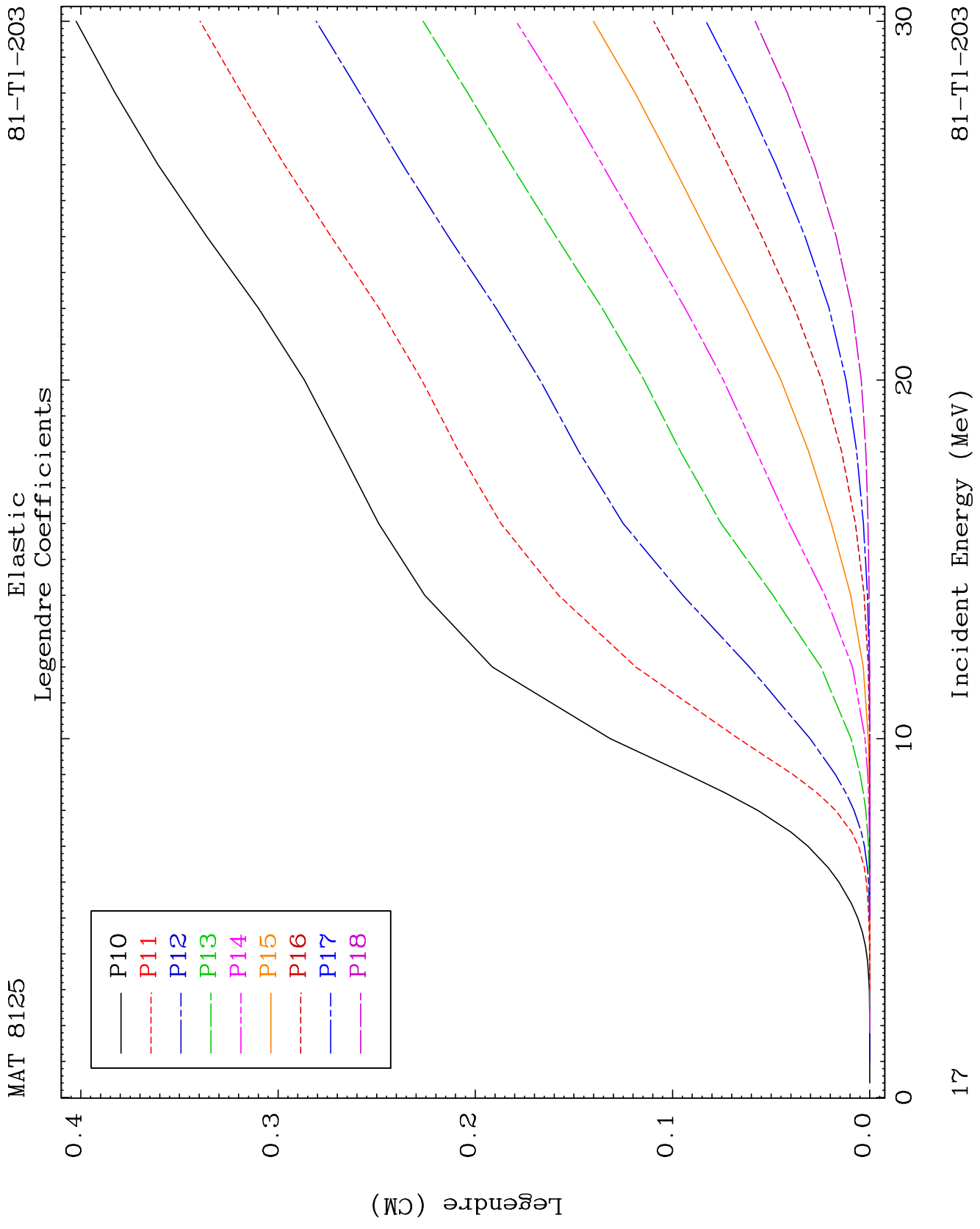
81-T1-203



16

Incident Energy (MeV)

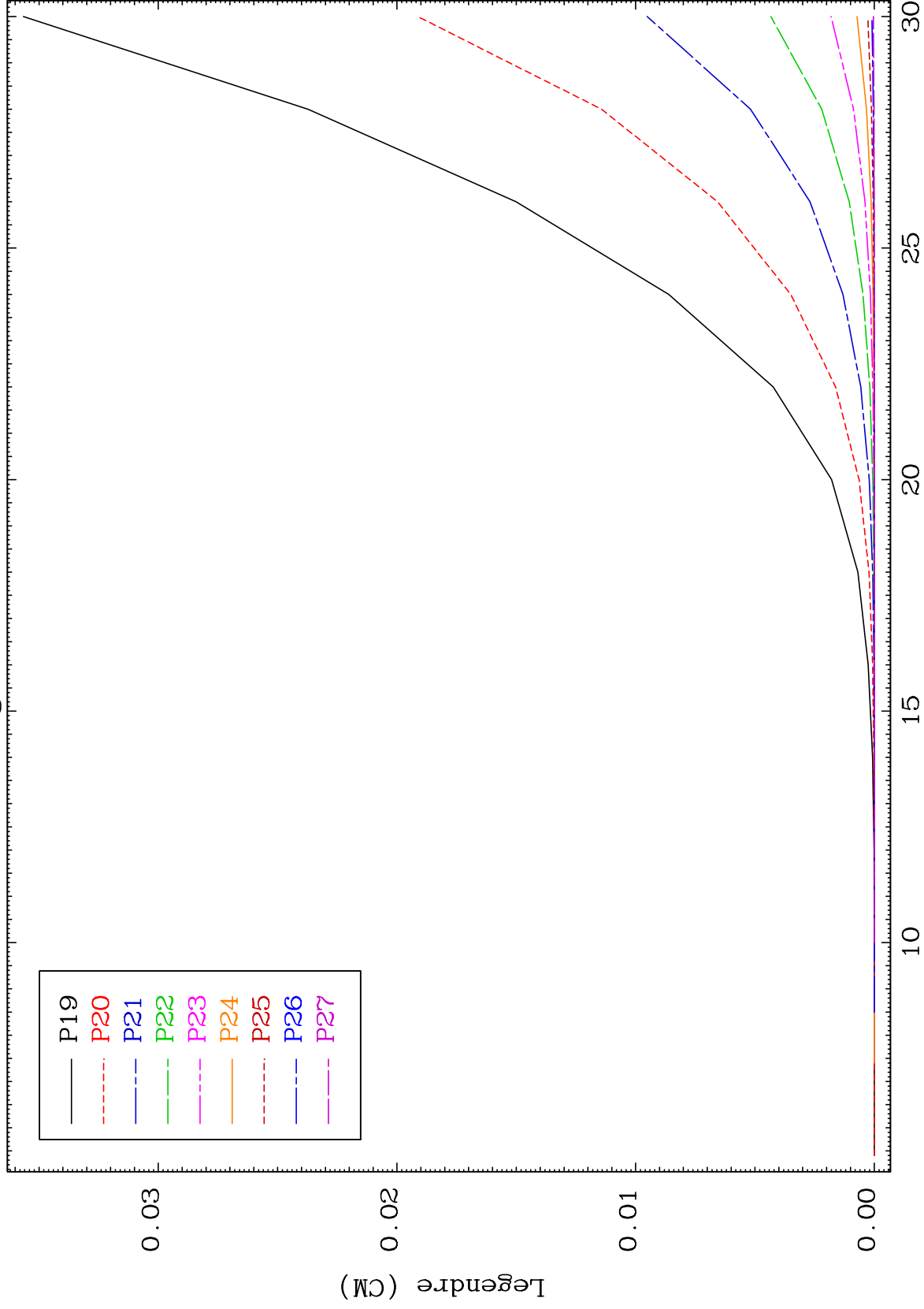
81-T1-203



MAT 8125

Elastic Legendre Coefficients

81-T1-203



18

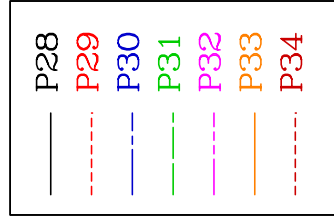
Incident Energy (MeV)

81-T1-203

MAT 8125

Elastic Legendre Coefficients

81-T1-203



$\times 10^{-5}$
1.2

1.0

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

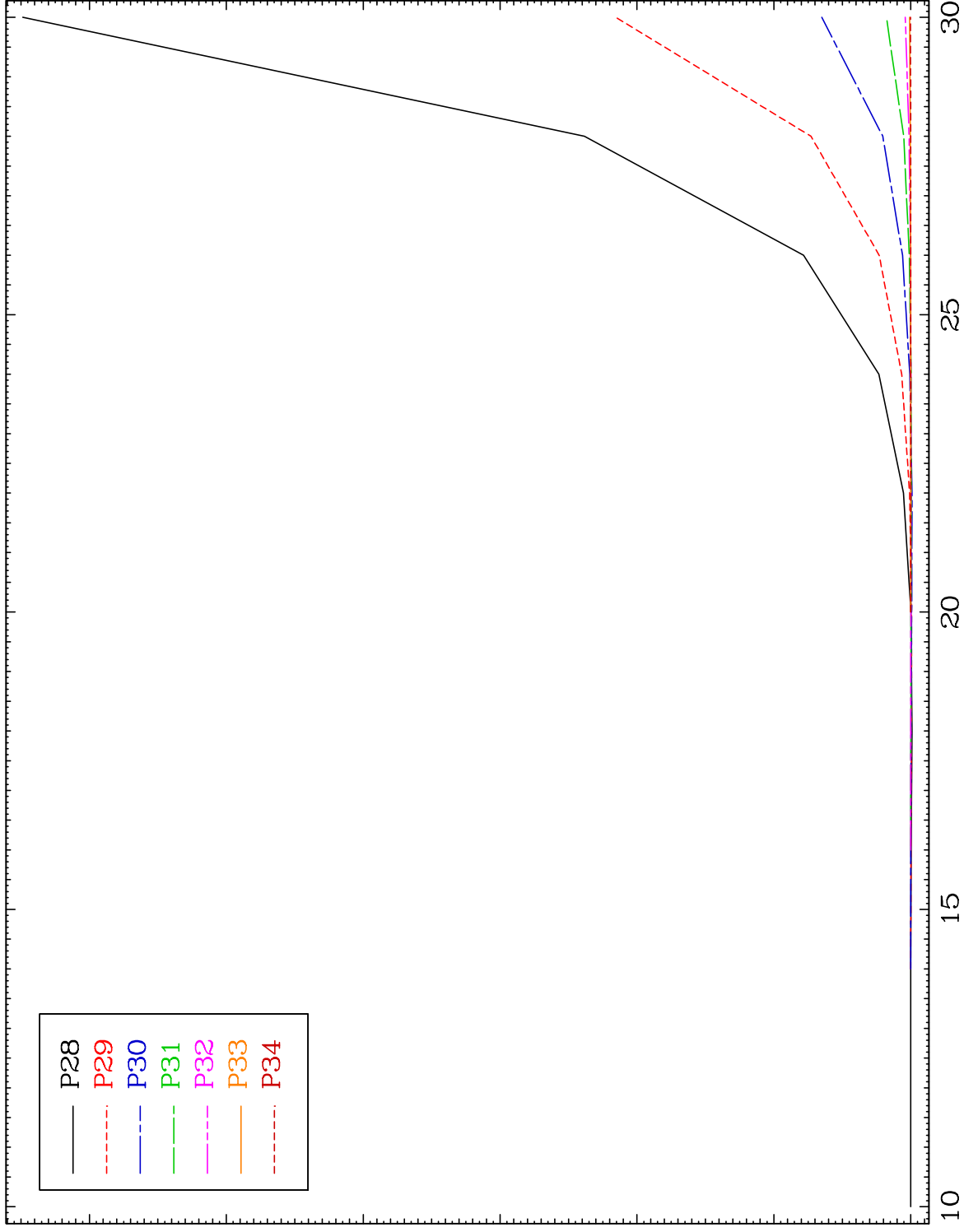
25

30

19

Incident Energy (MeV)

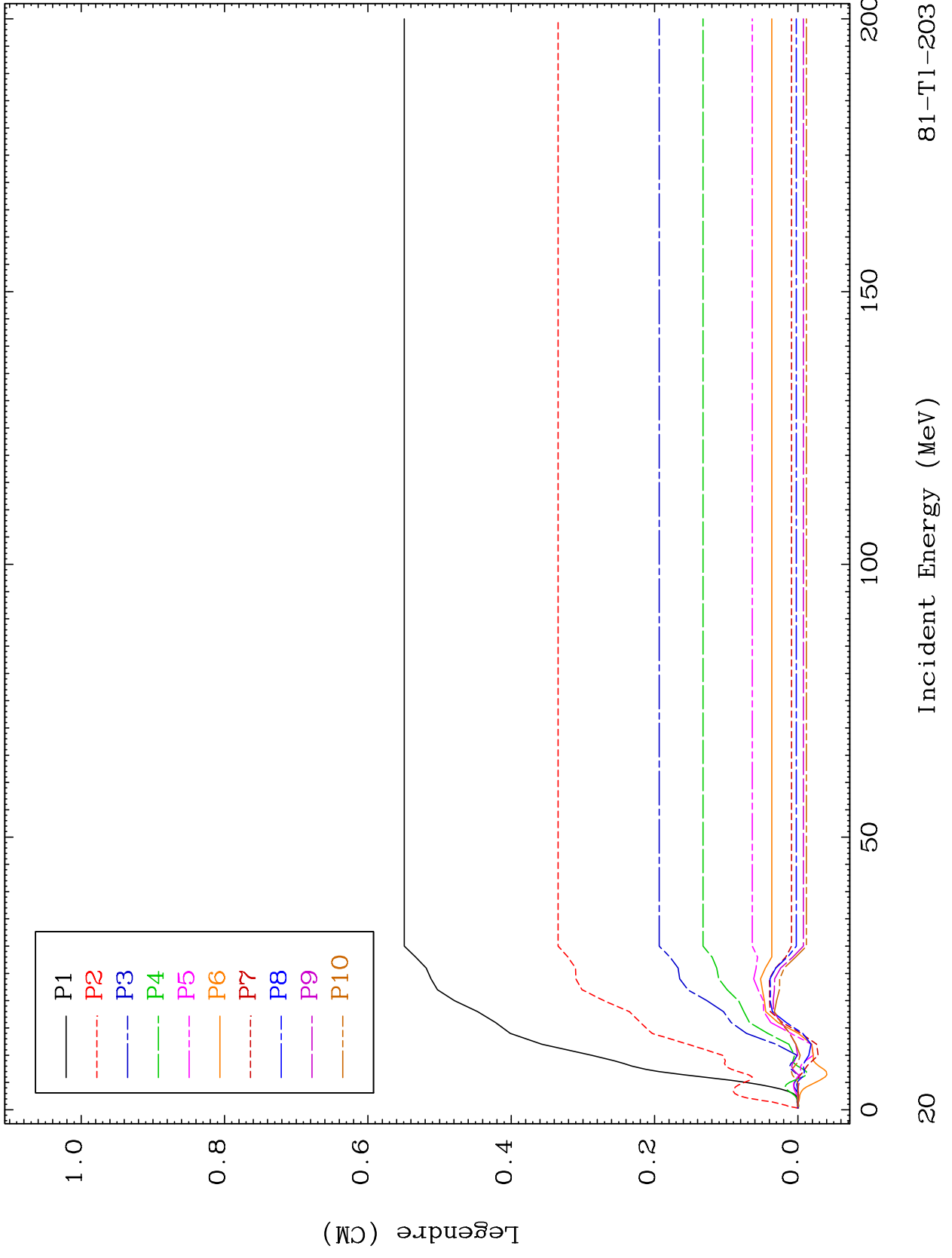
81-T1-203



MAT 8125

MT= 51 (n,n') Level
Legendre Coefficients

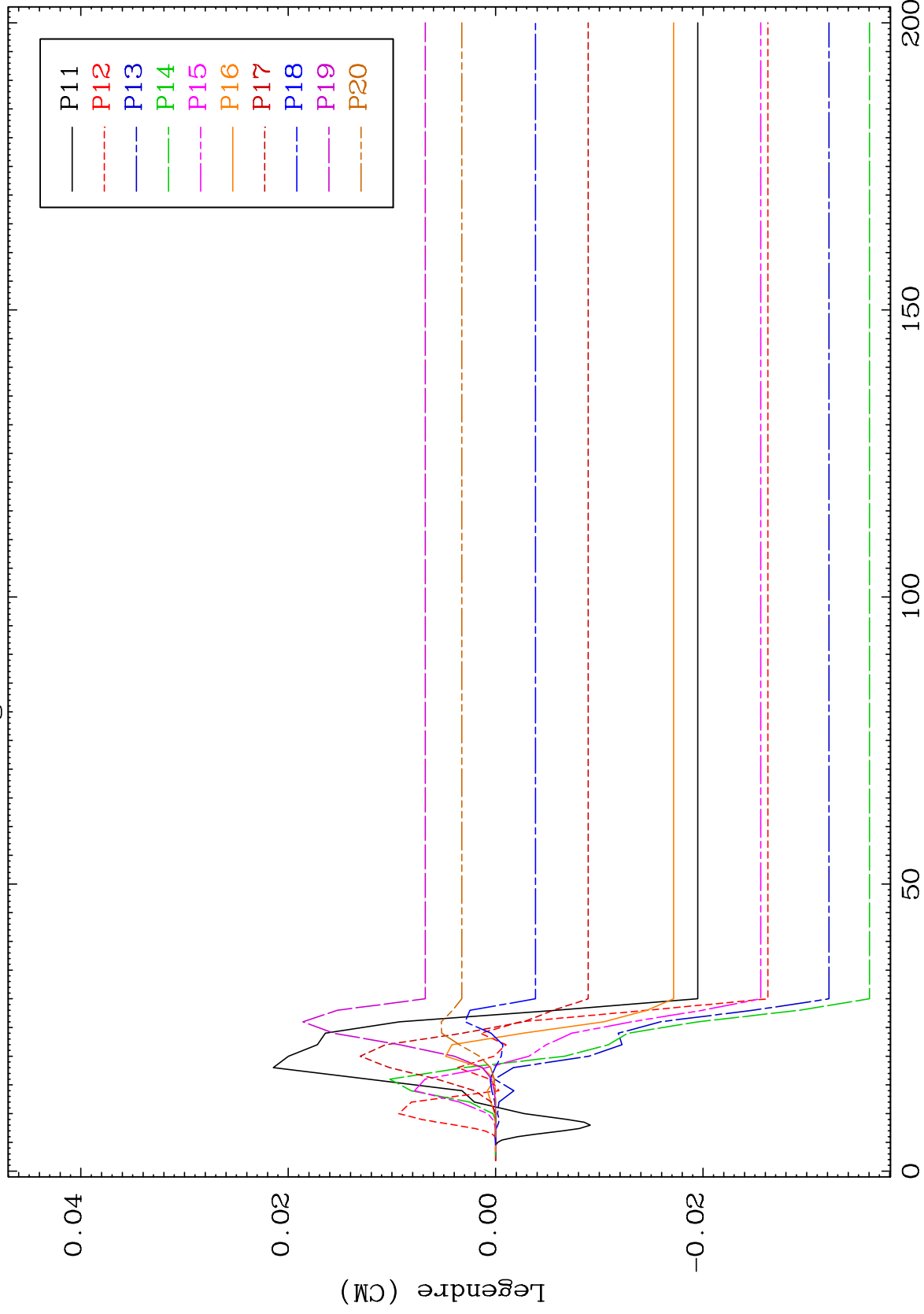
81-T1-203



MAT 8125

MT= 51 (n,n') Level
Legendre Coefficients

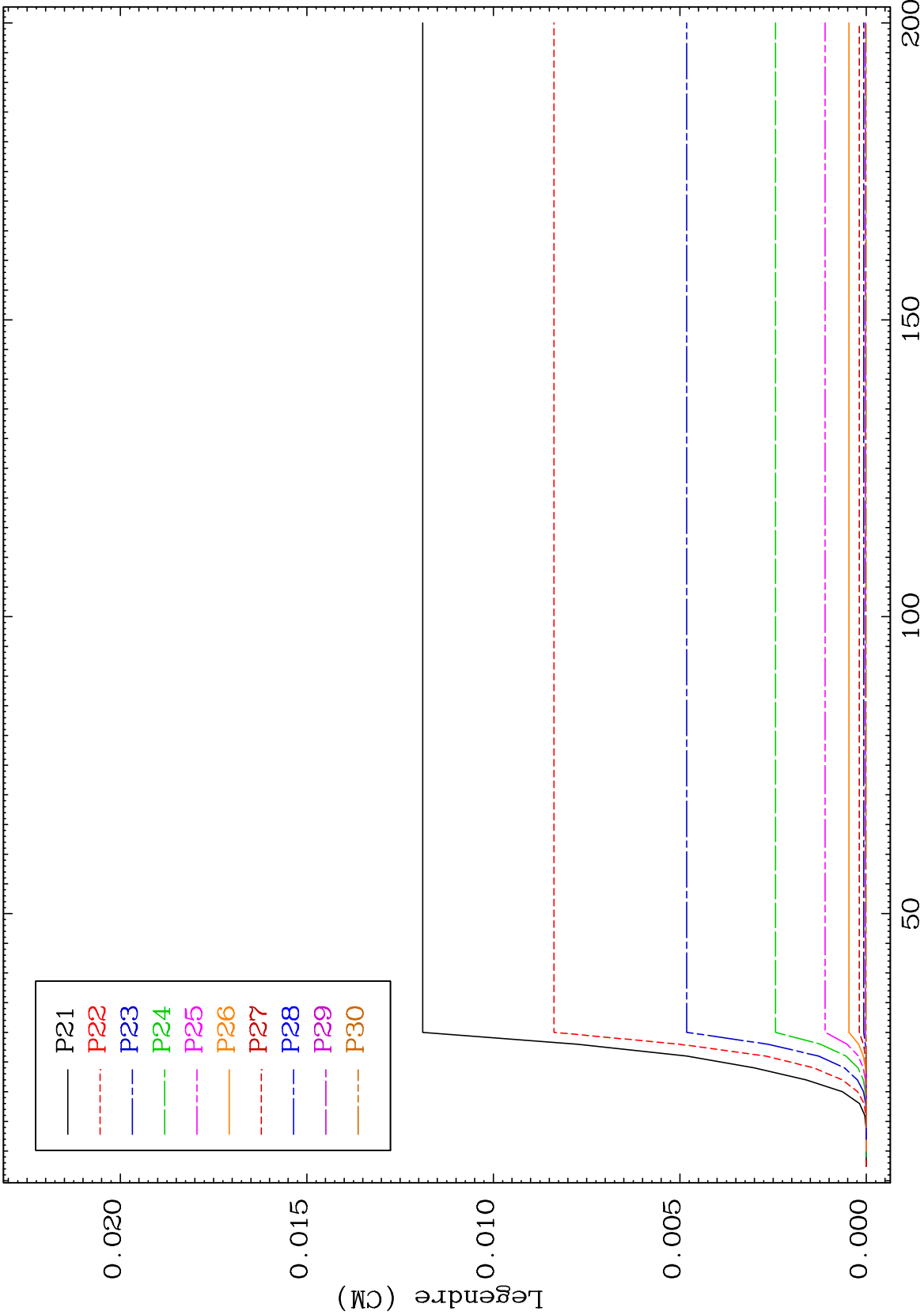
81-T1-203



21

Incident Energy (MeV)

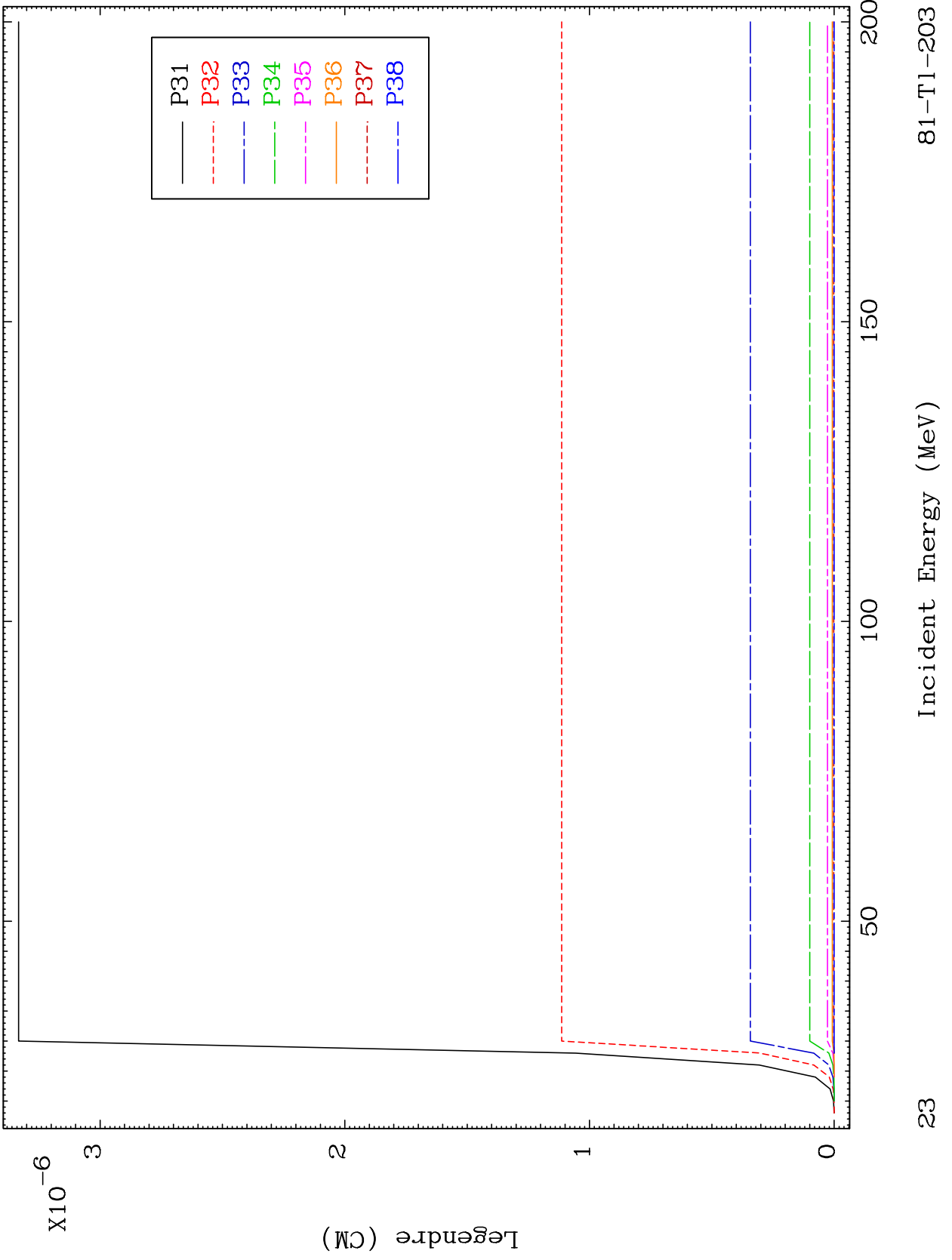
81-T1-203



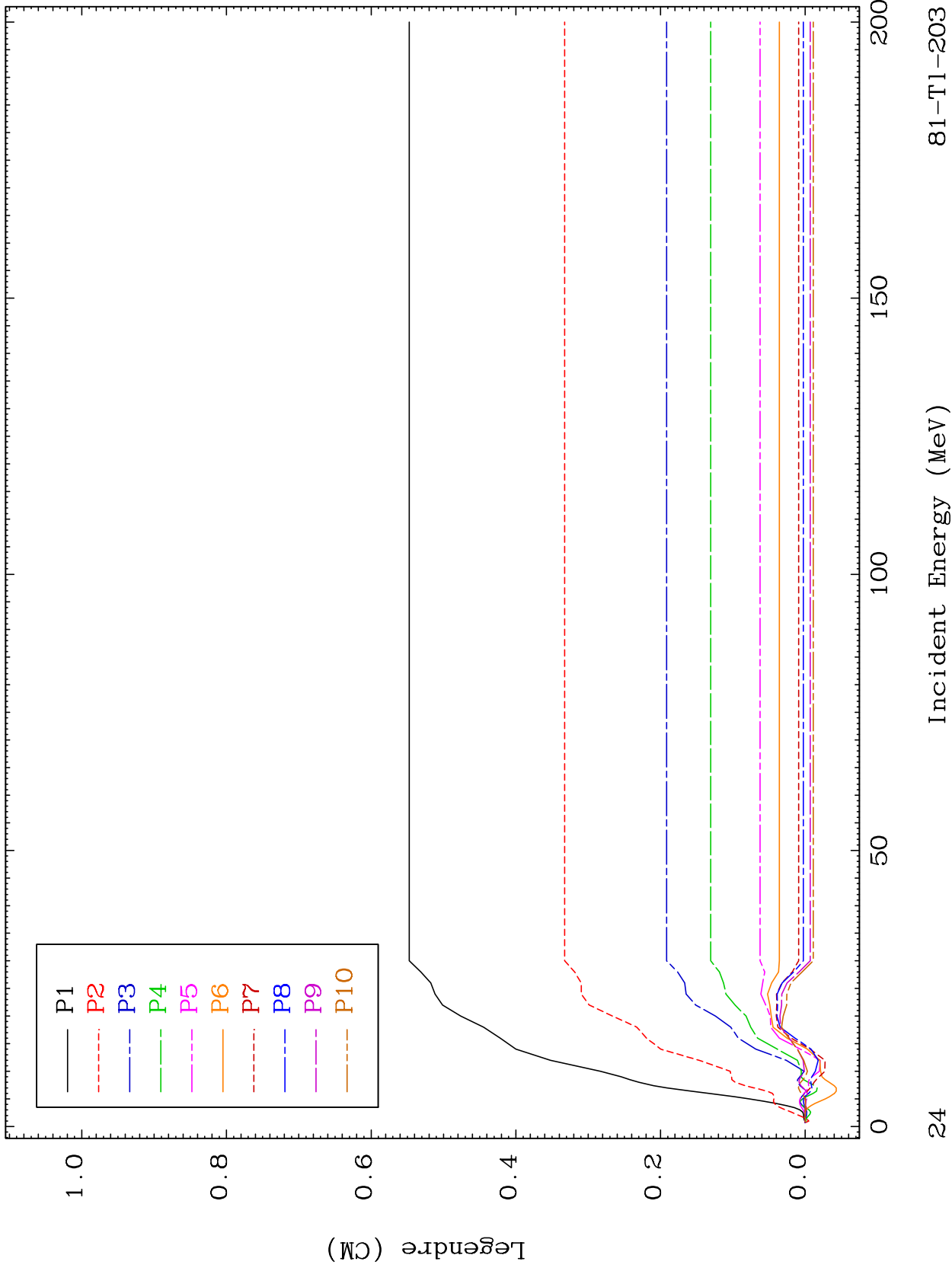
MAT 8125

MT= 51 (n,n') Level
Legendre Coefficients

81-T1-203



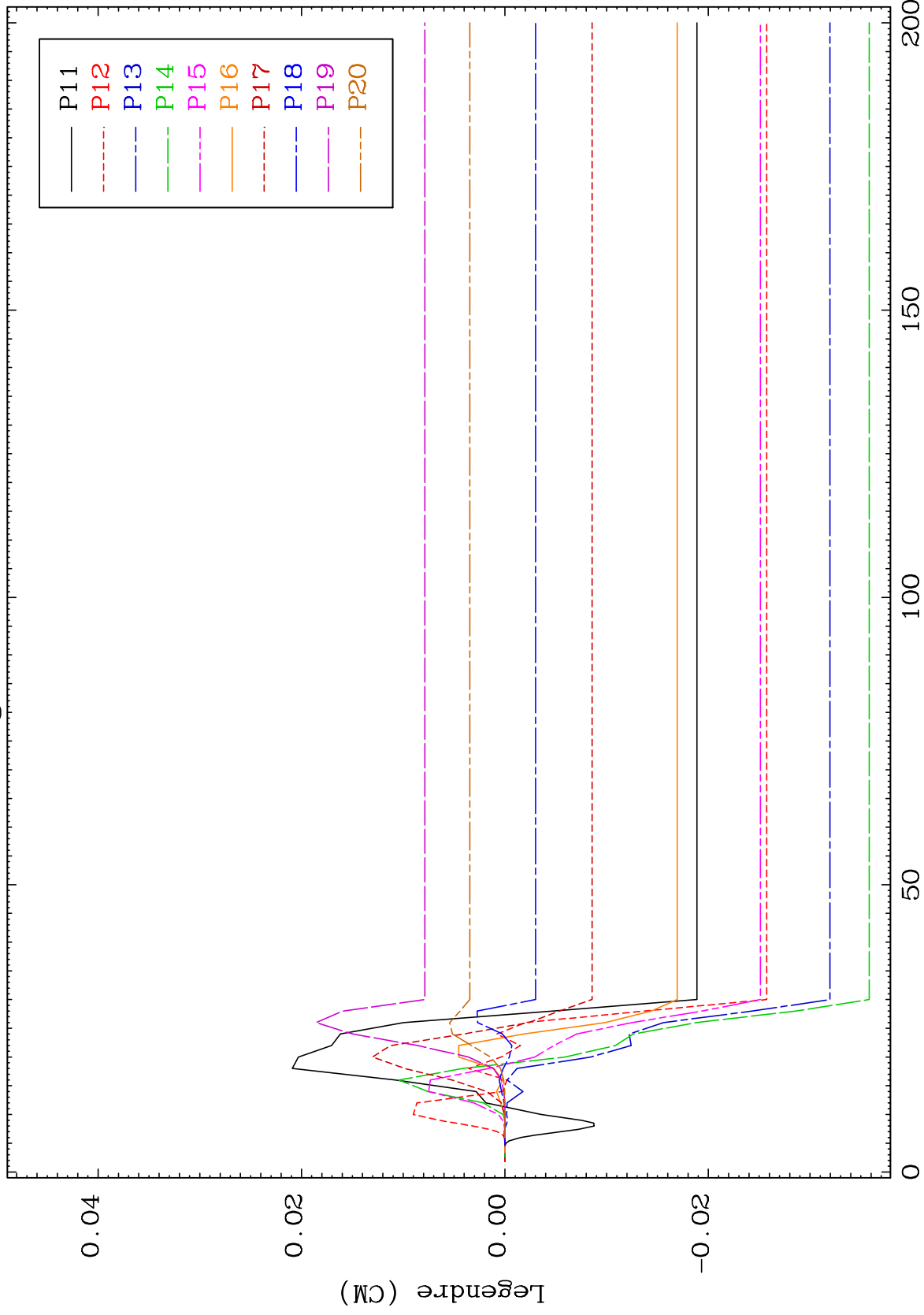
23



MAT 8125

MT= 52 (n,n') Level
Legendre Coefficients

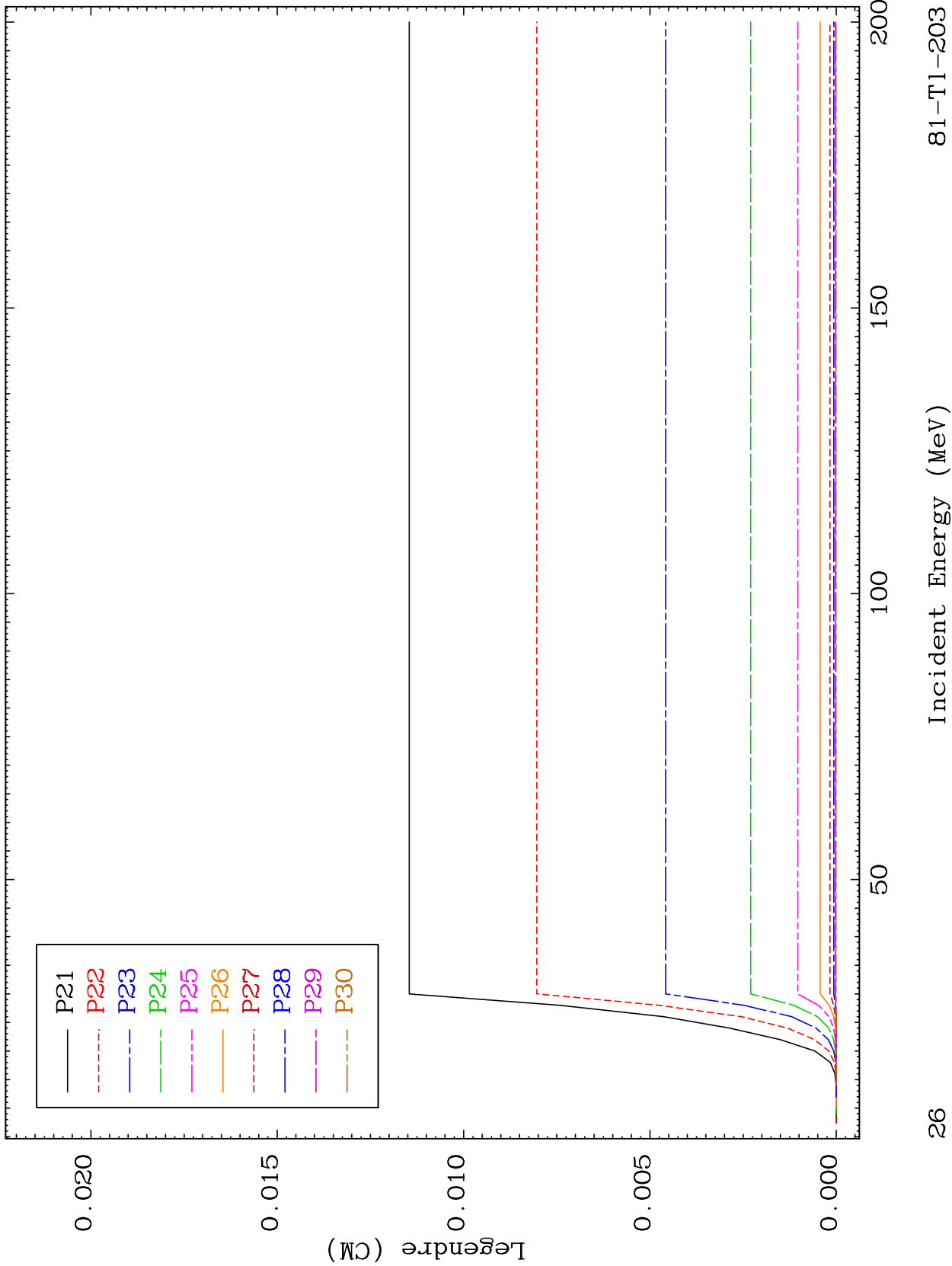
81-T1-203



25

Incident Energy (MeV)

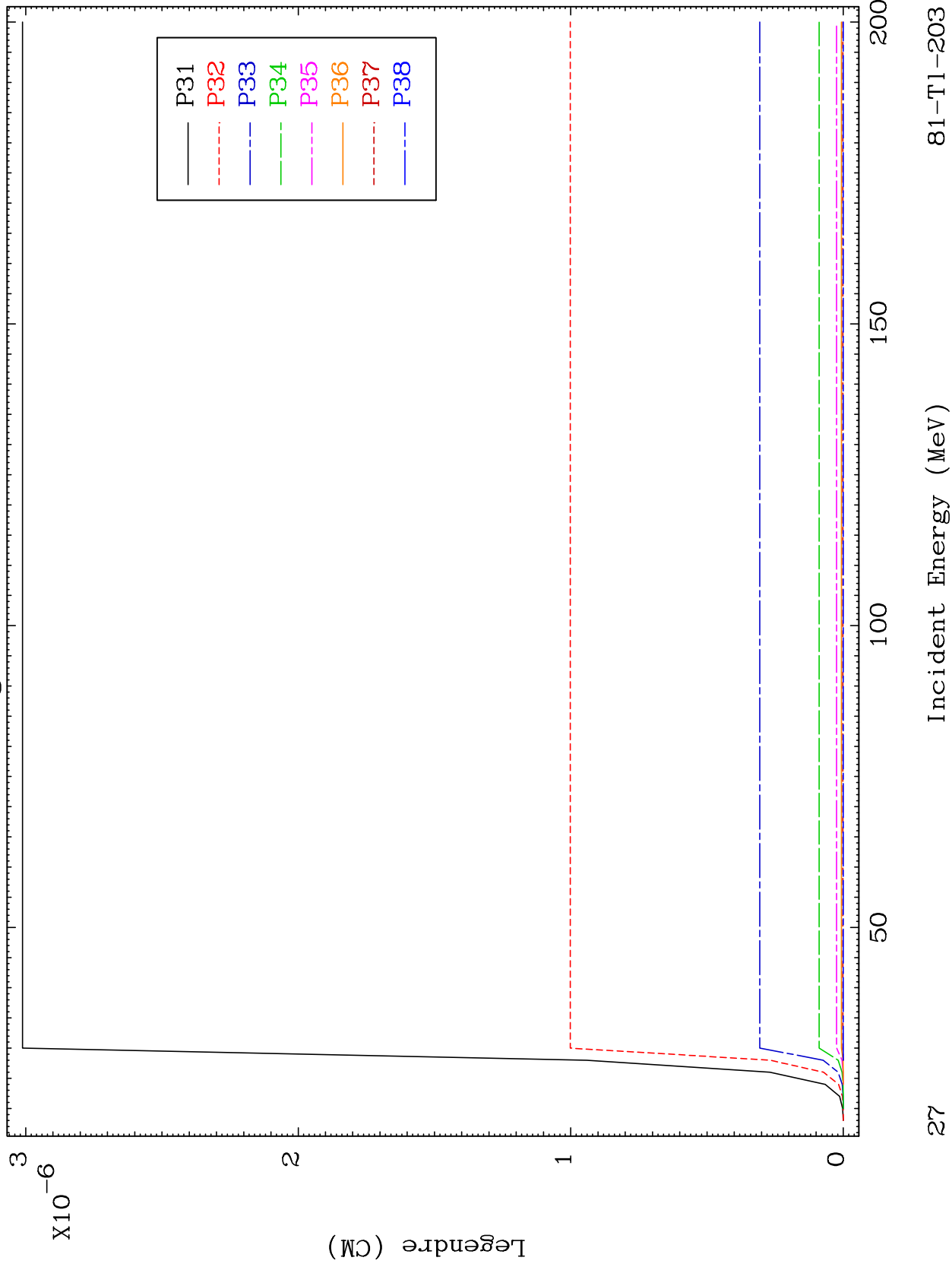
81-T1-203

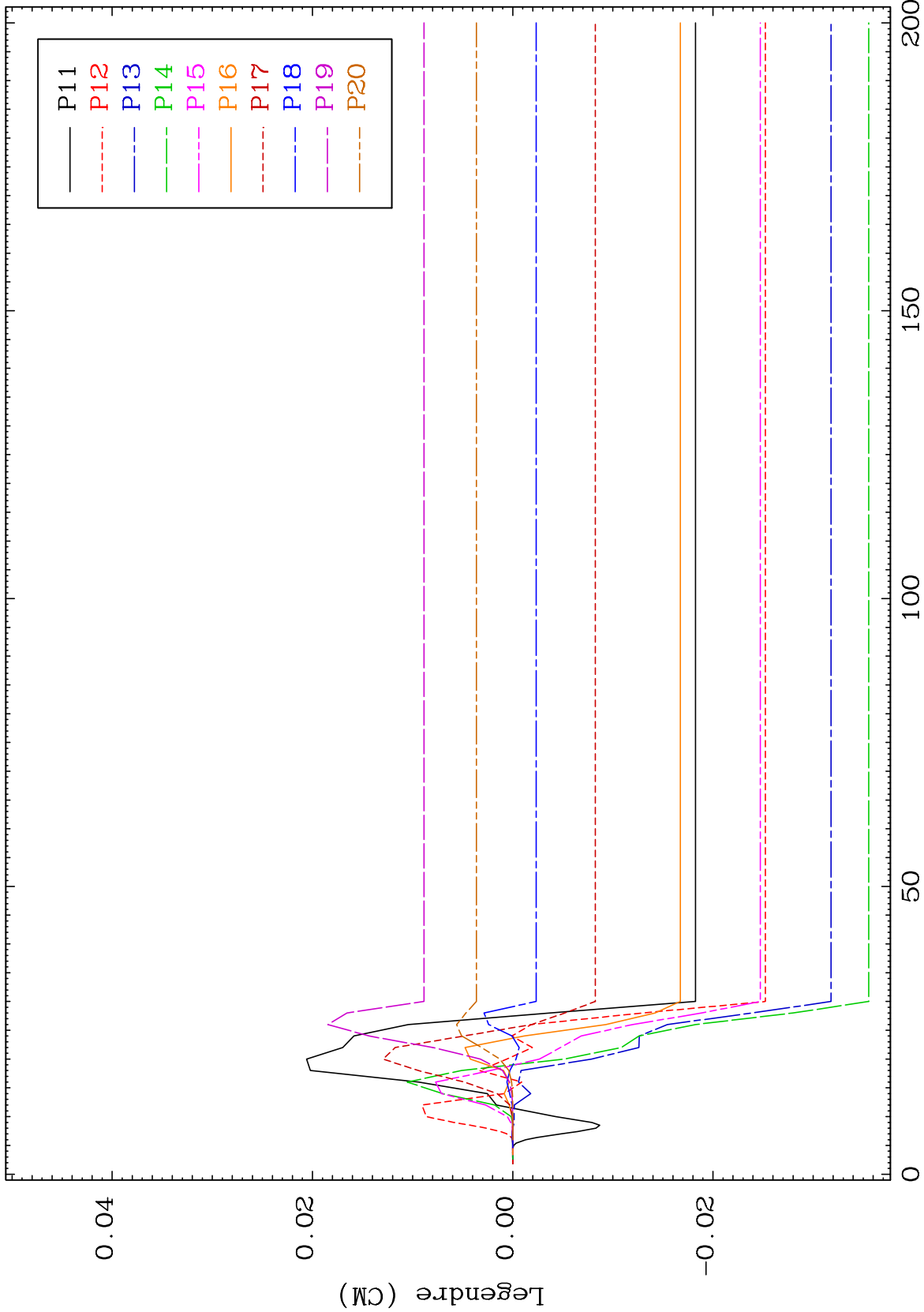


MAT 8125

MT= 52 (n,n') Level
Legendre Coefficients

81-T1-203

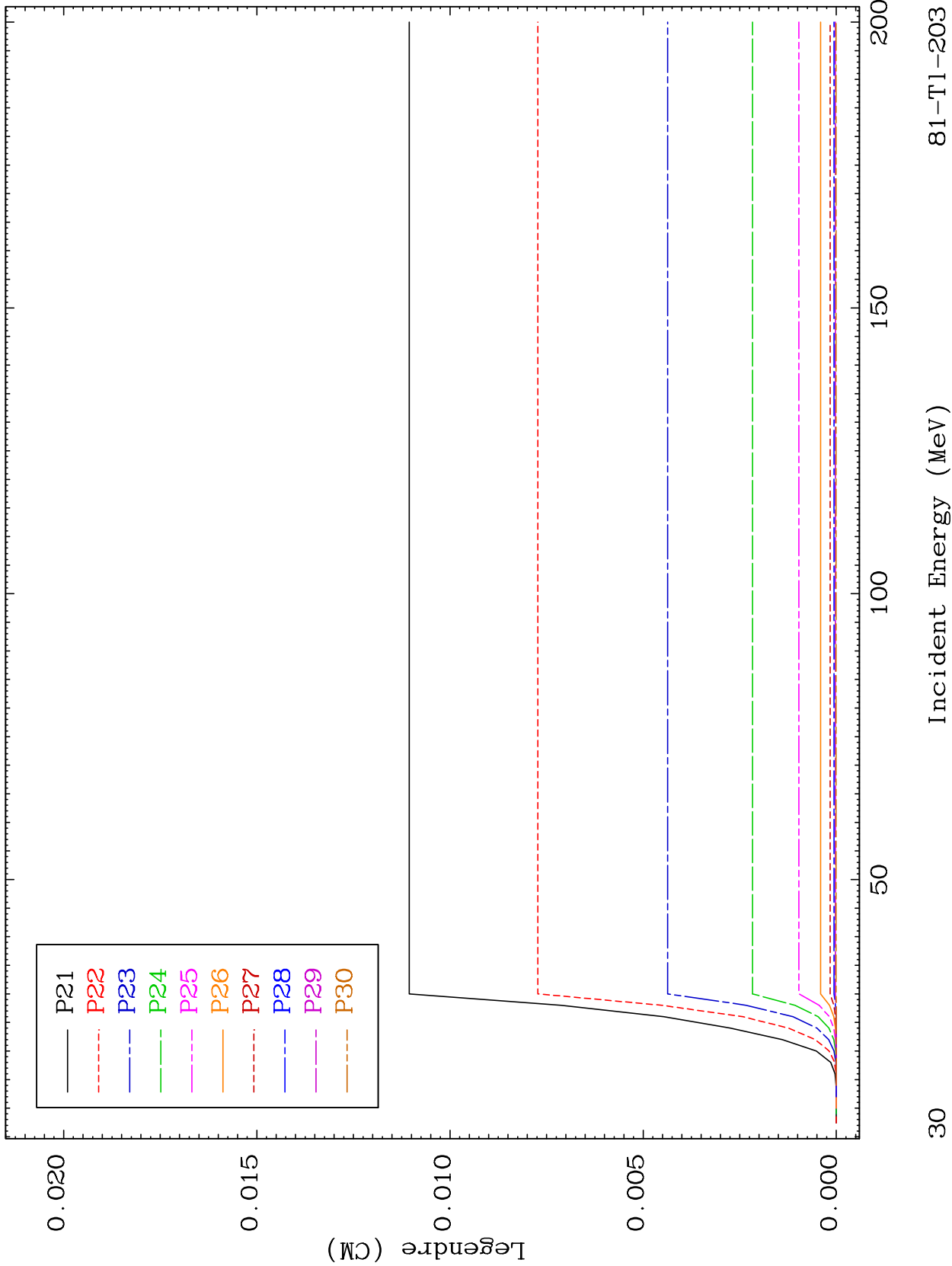




MAT 8125

MT= 53 (n,n') Level
Legendre Coefficients

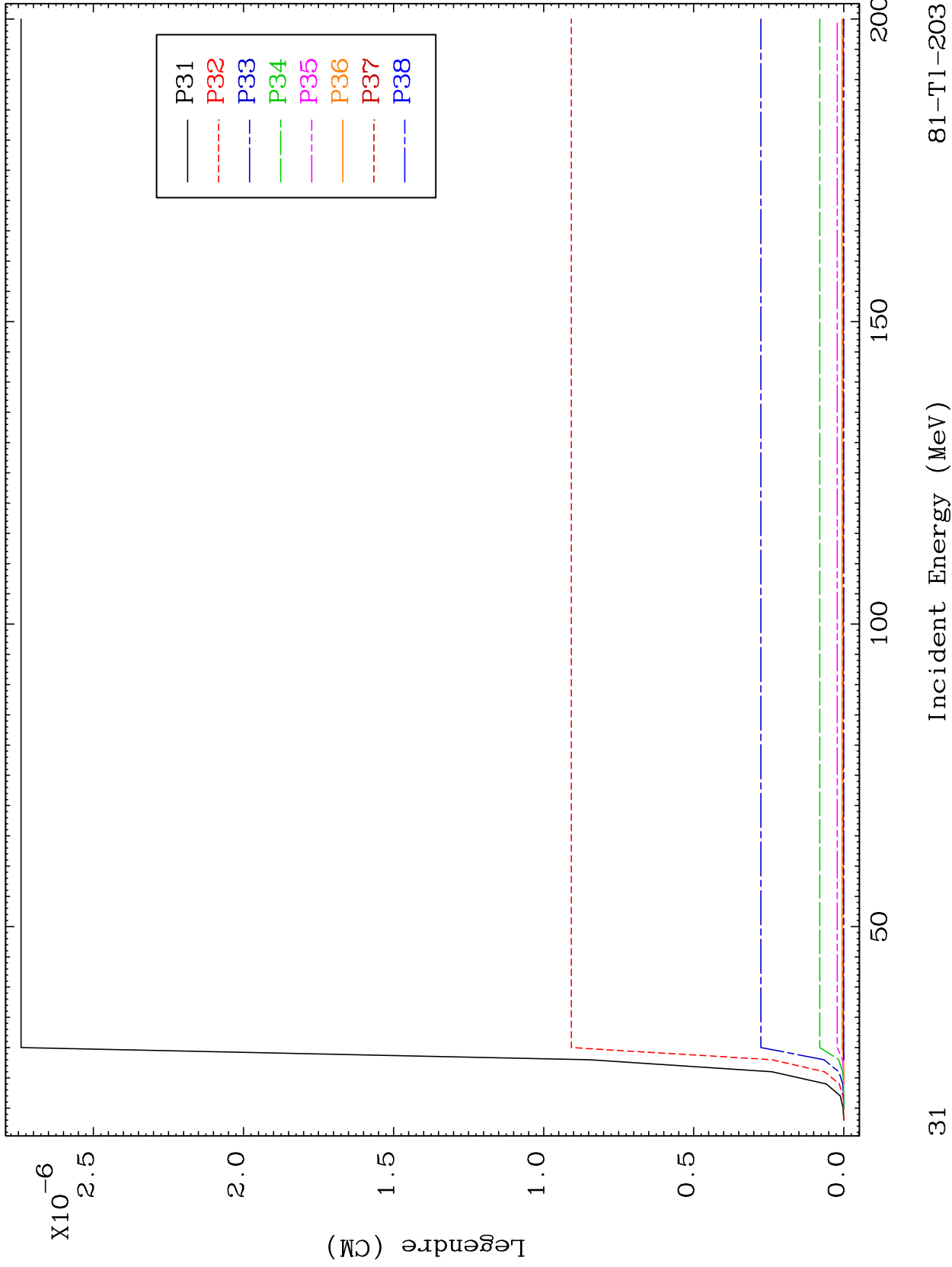
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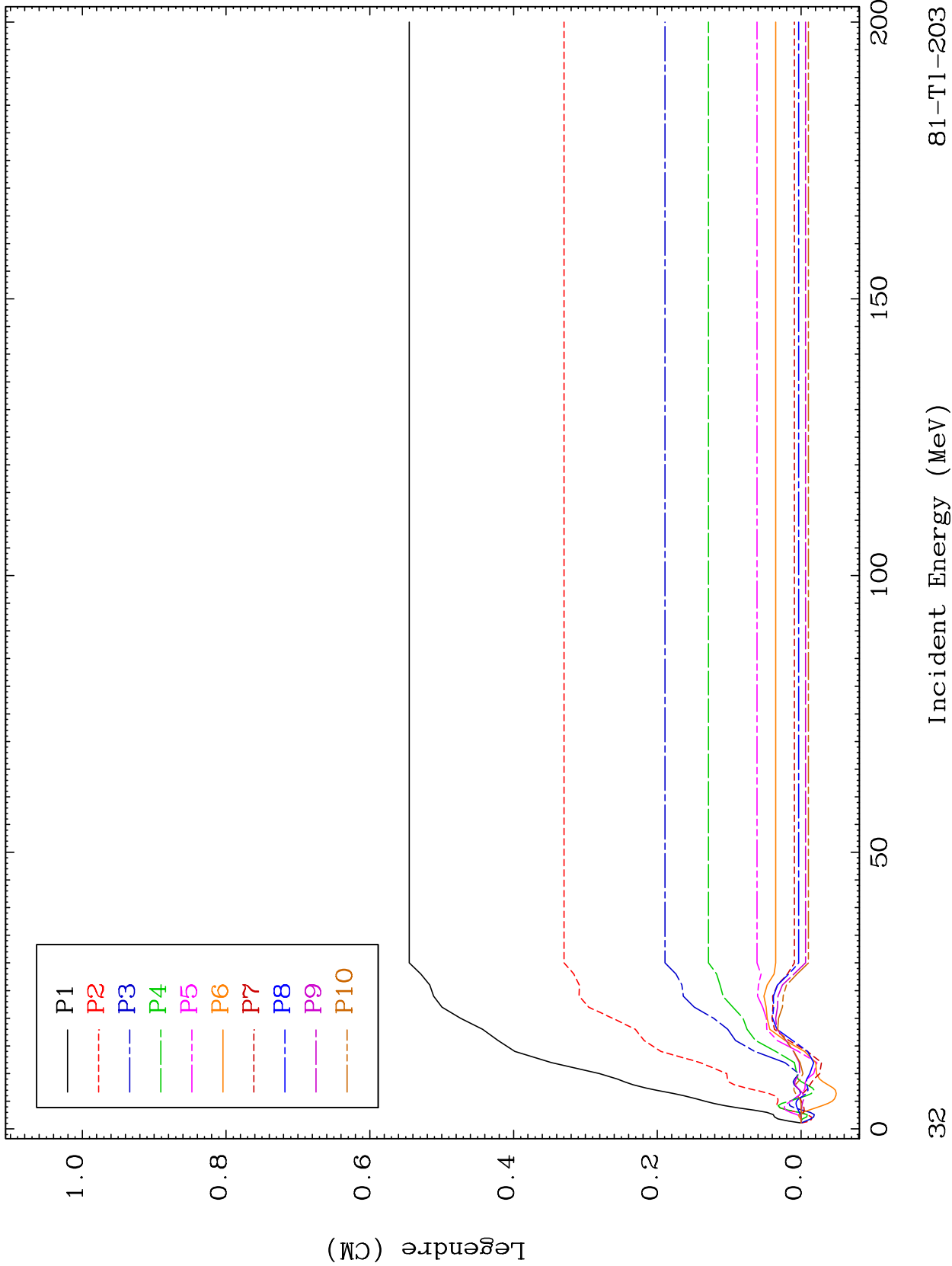


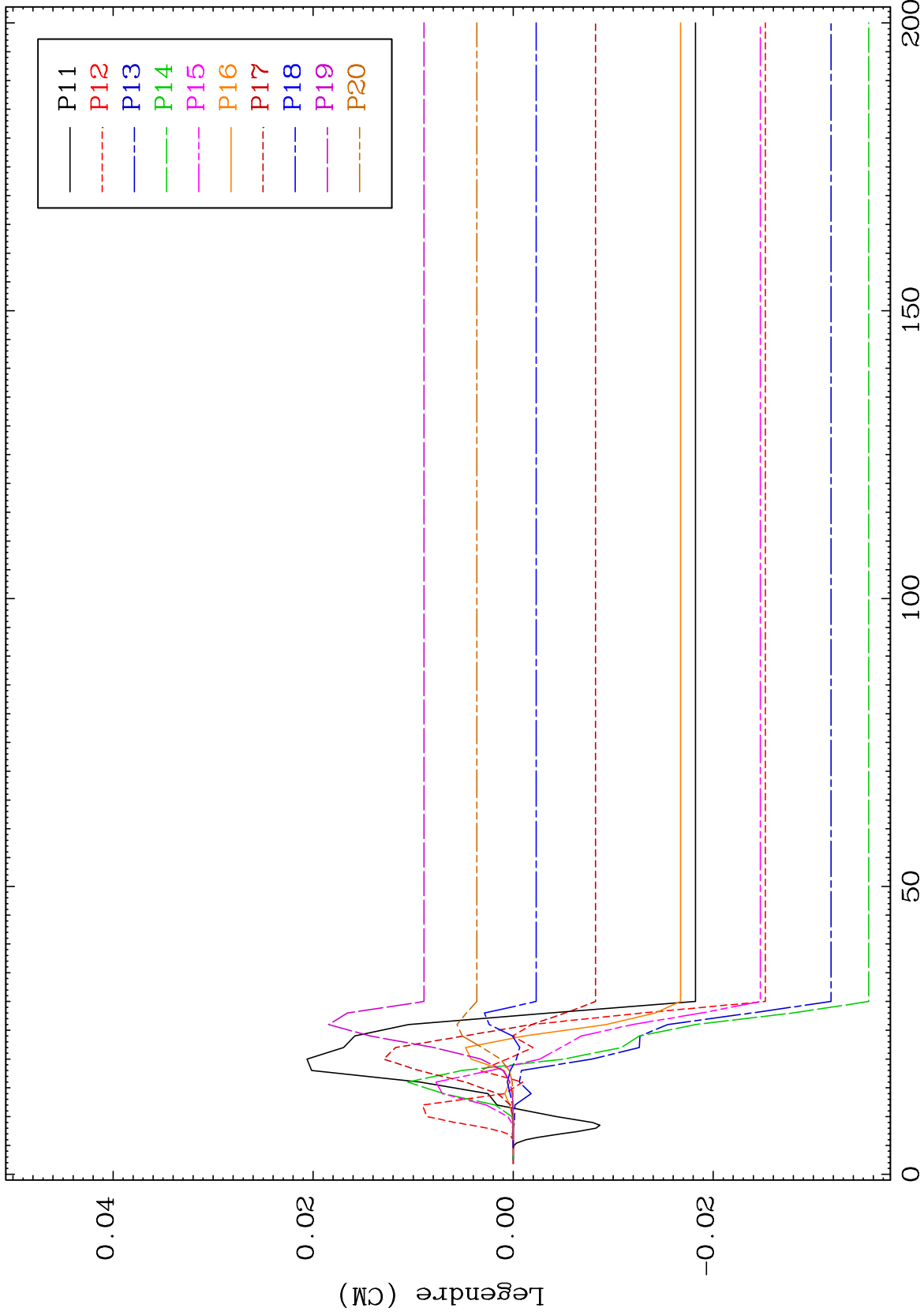
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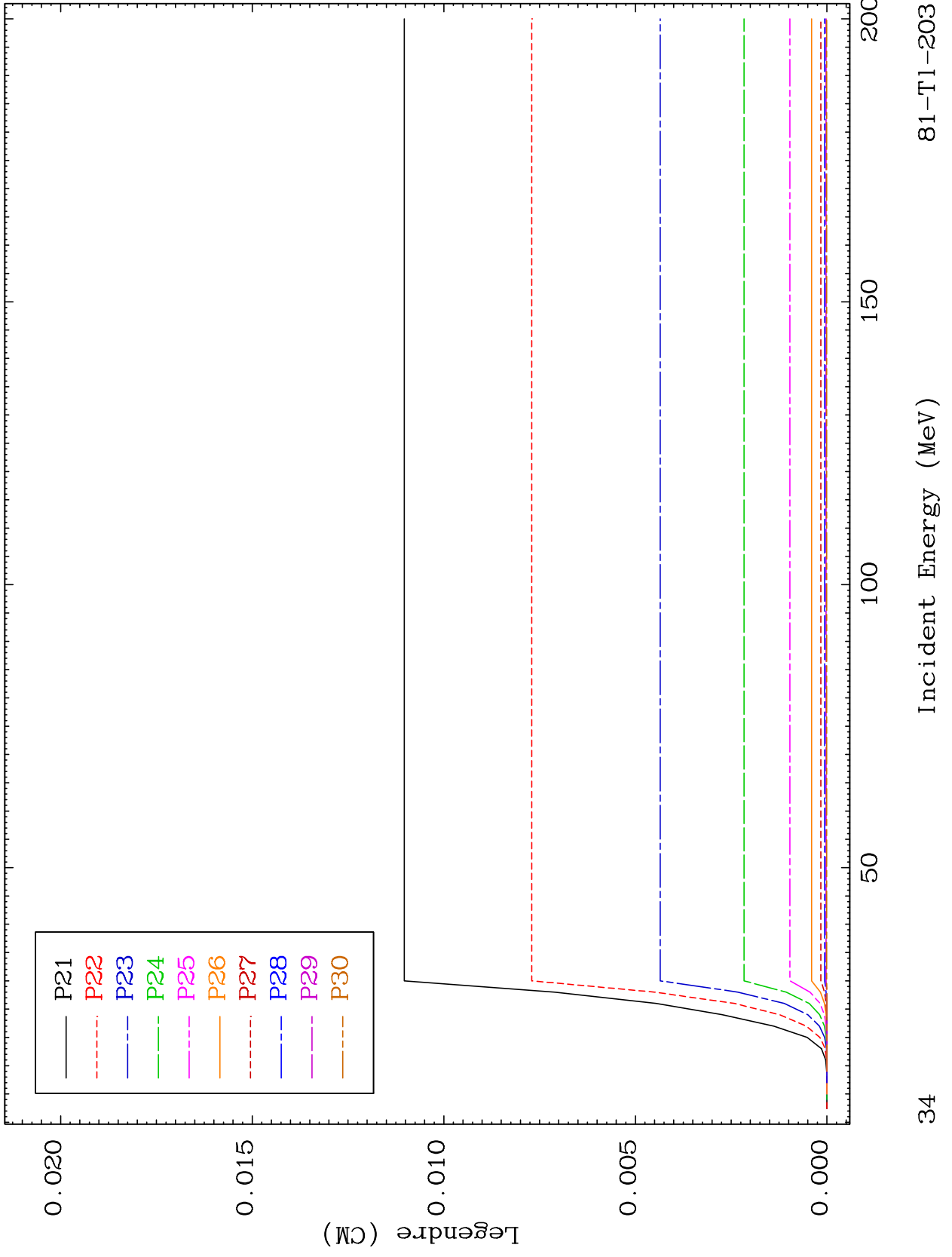
Incident Energy (MeV)

81-T1-203





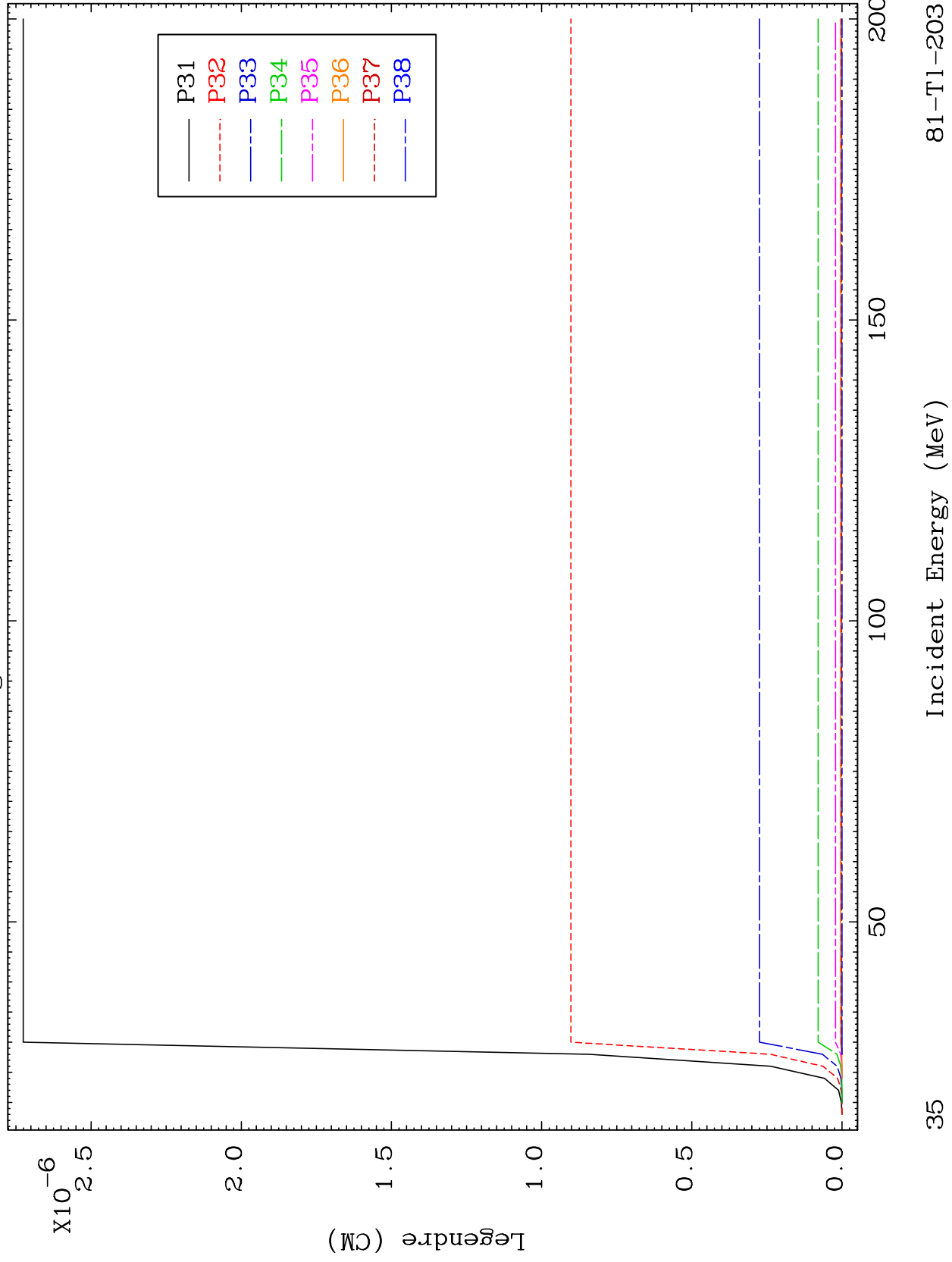




MAT 8125

MT= 54 (n,n') Level
Legendre Coefficients

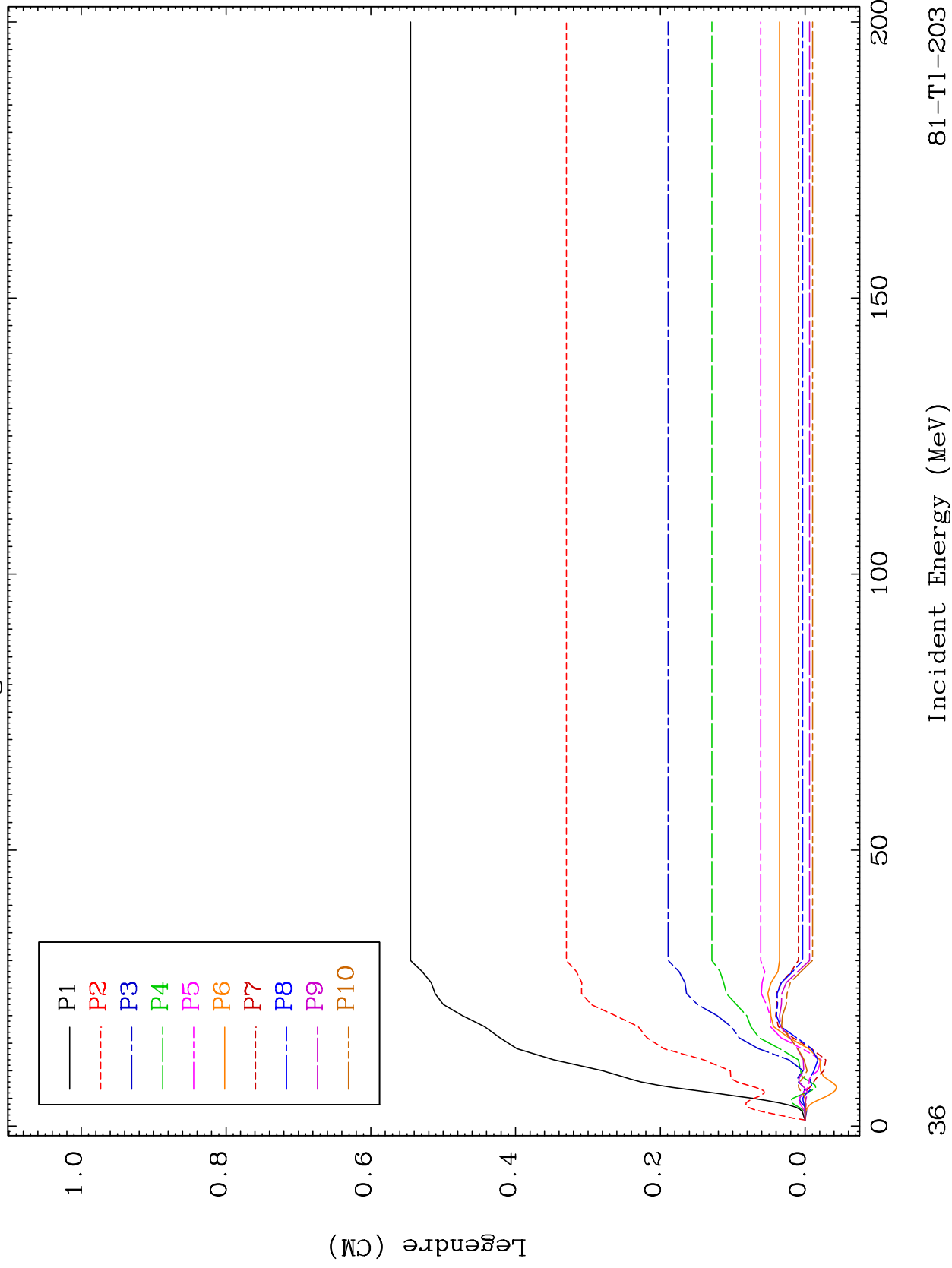
81-T1-203



35

Incident Energy (MeV)

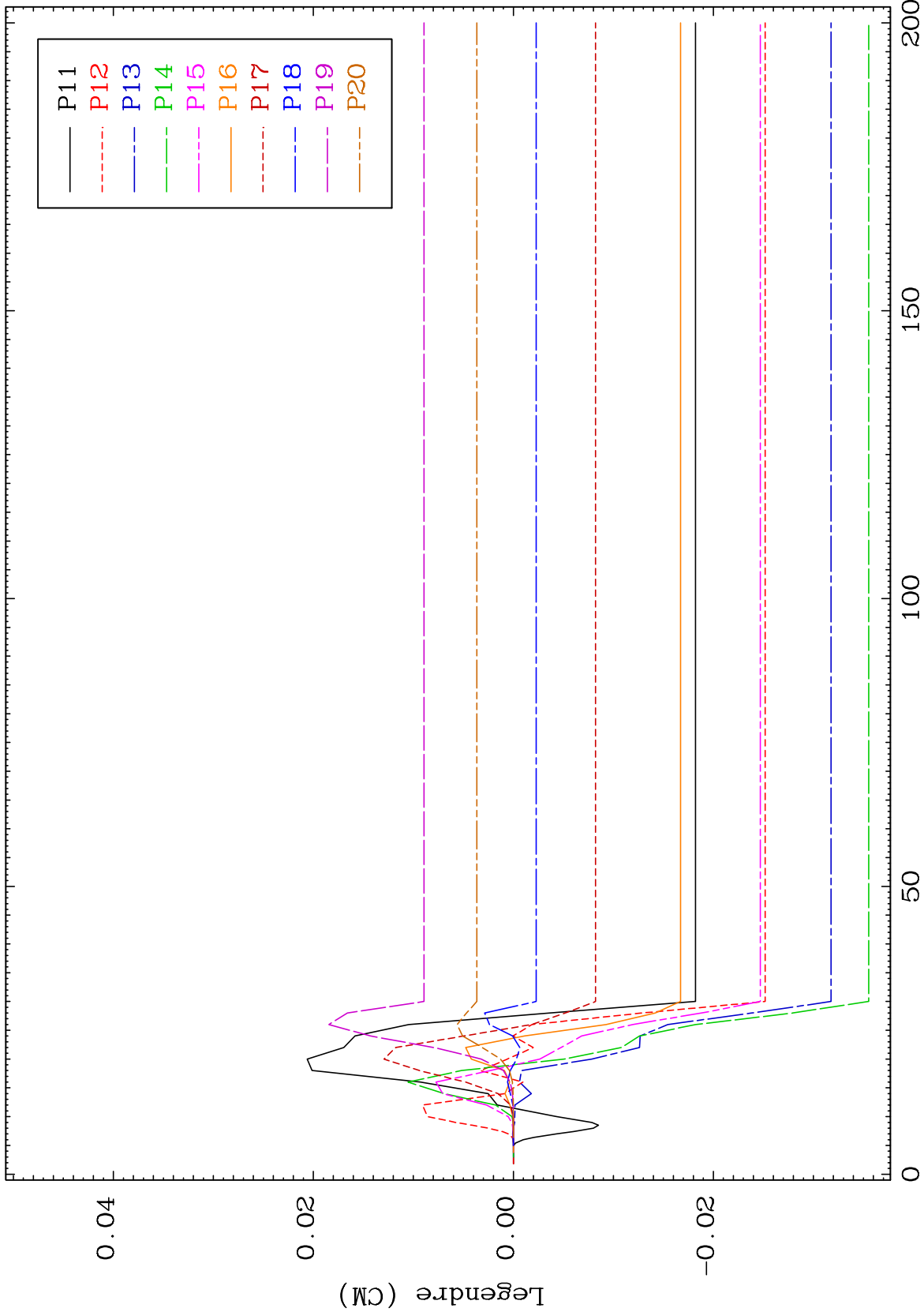
81-T1-203



MAT 8125

MT= 55 (n,n') Level
Legendre Coefficients

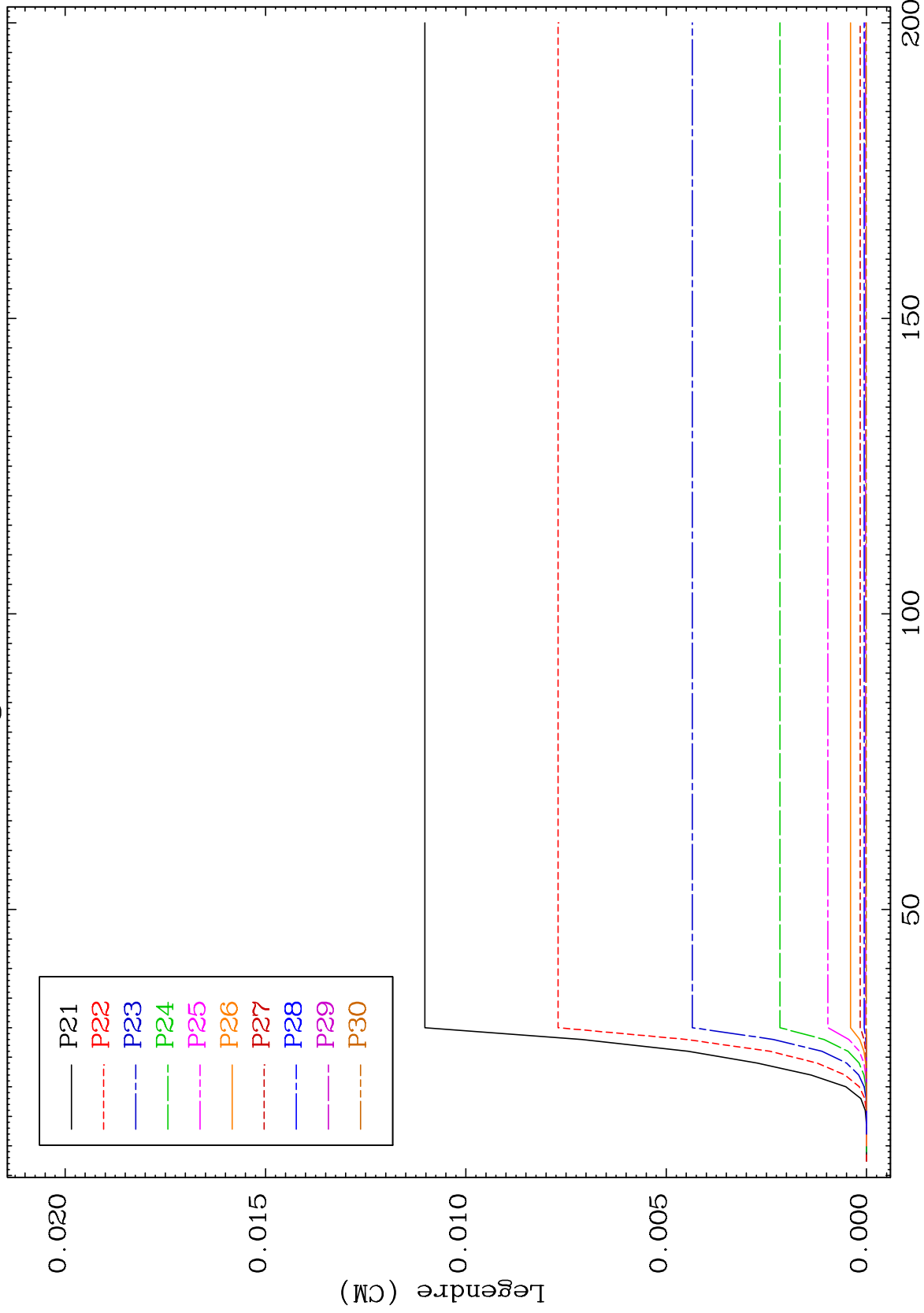
81-T1-203



37

Incident Energy (MeV)

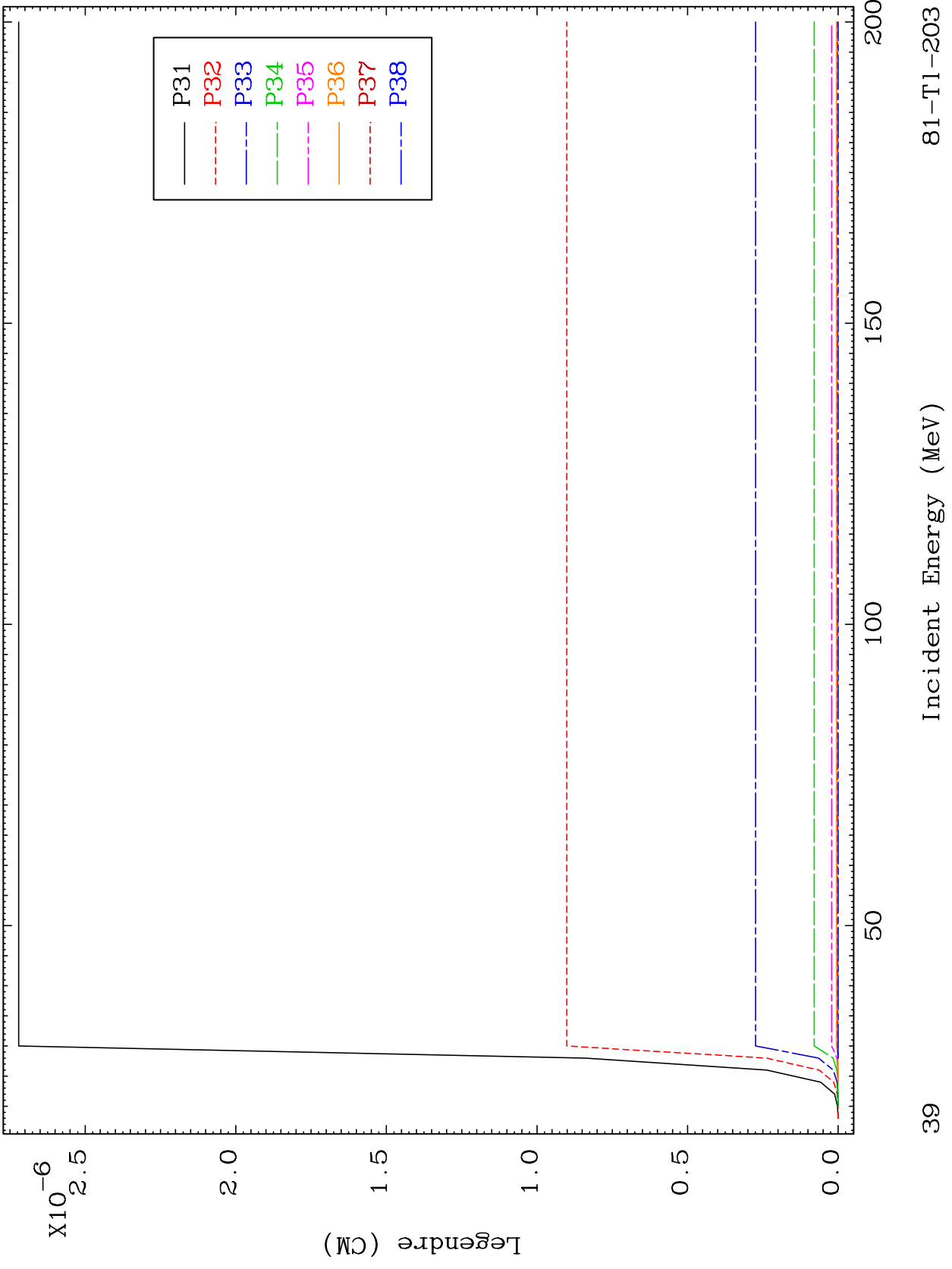
81-T1-203



MAT 8125

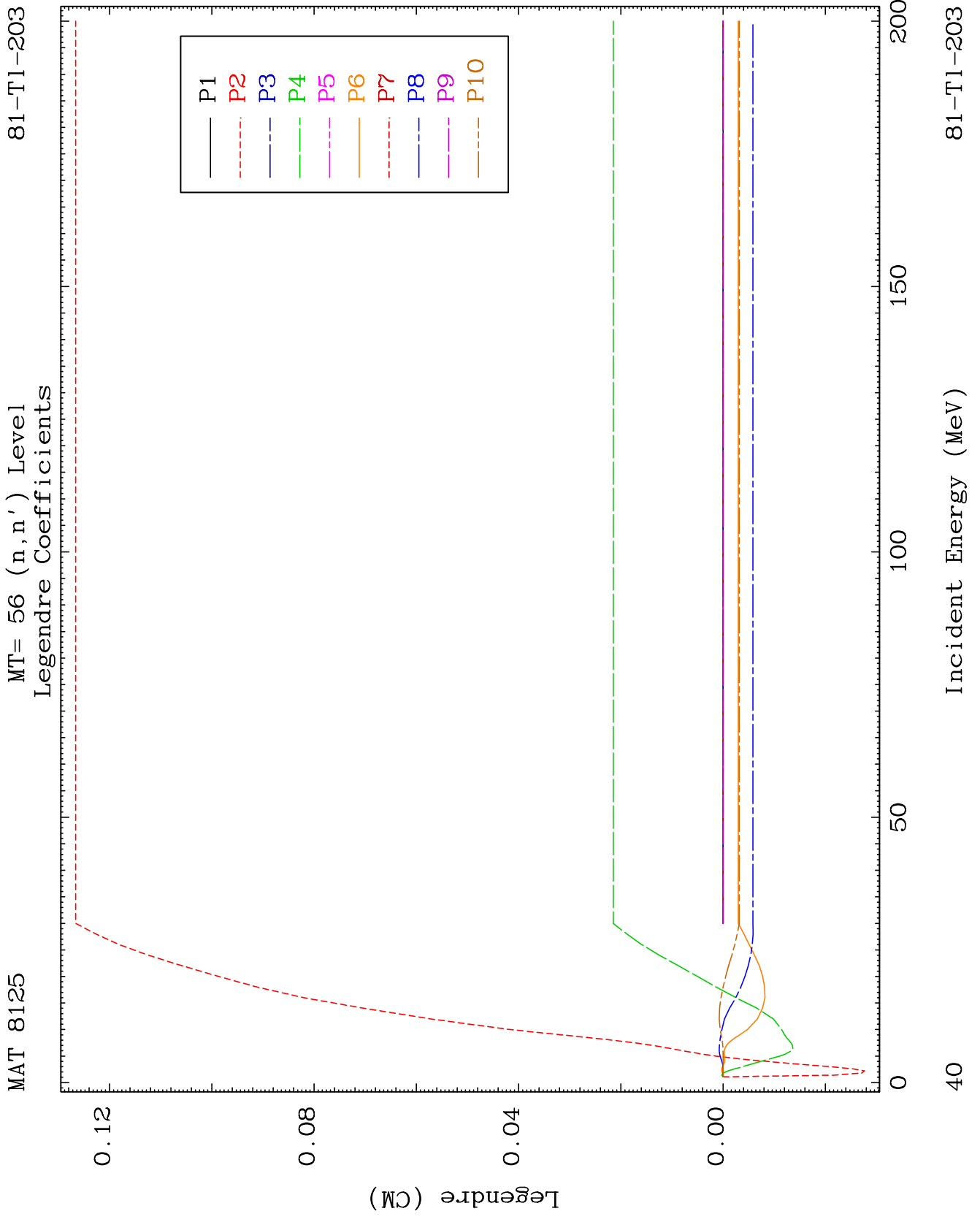
MT= 55 (n,n') Level
Legendre Coefficients

81-T1-203



39

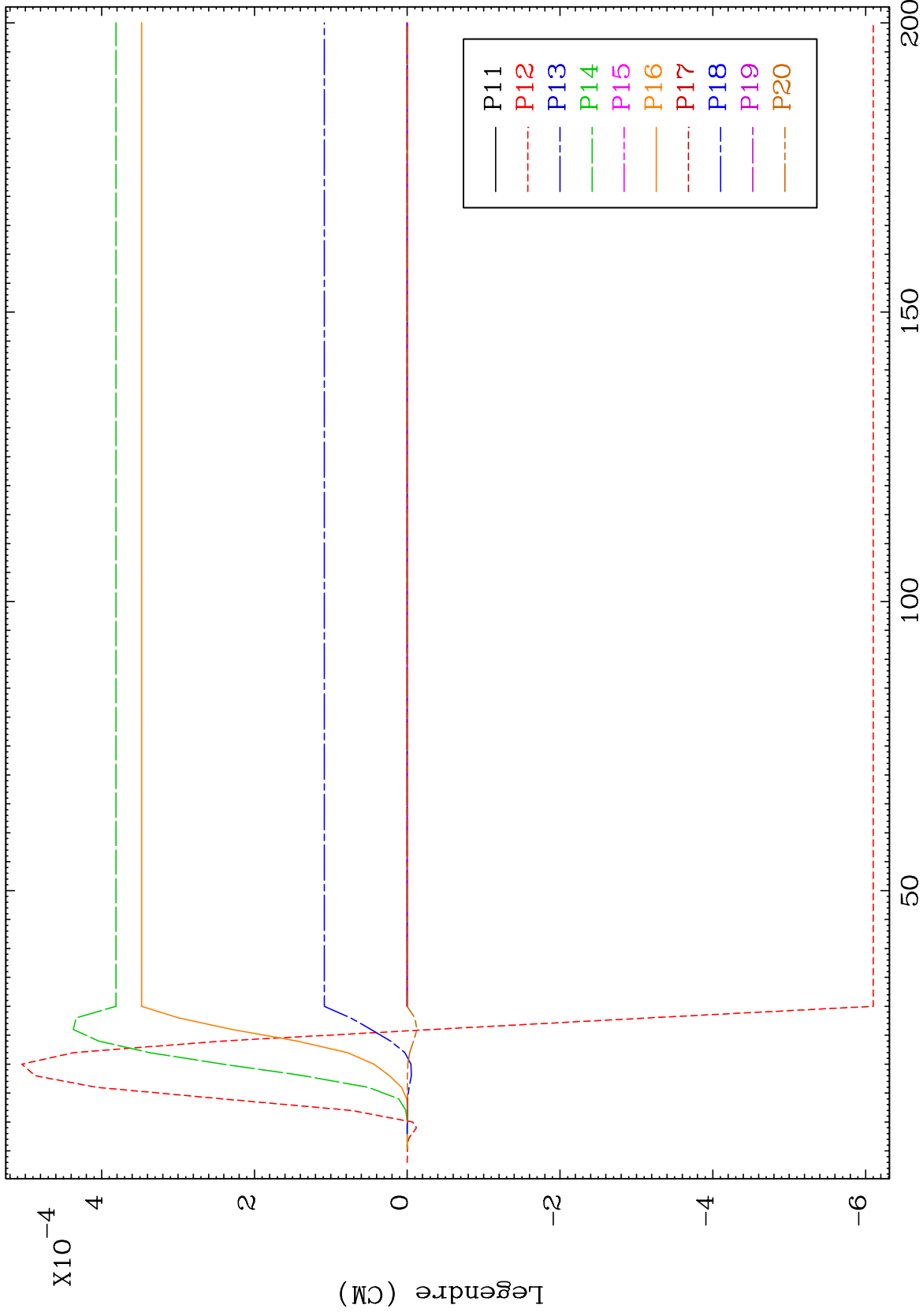
81-T1-203



MAT 8125

MT= 56 (n,n') Level
Legendre Coefficients

81-T1-203



41

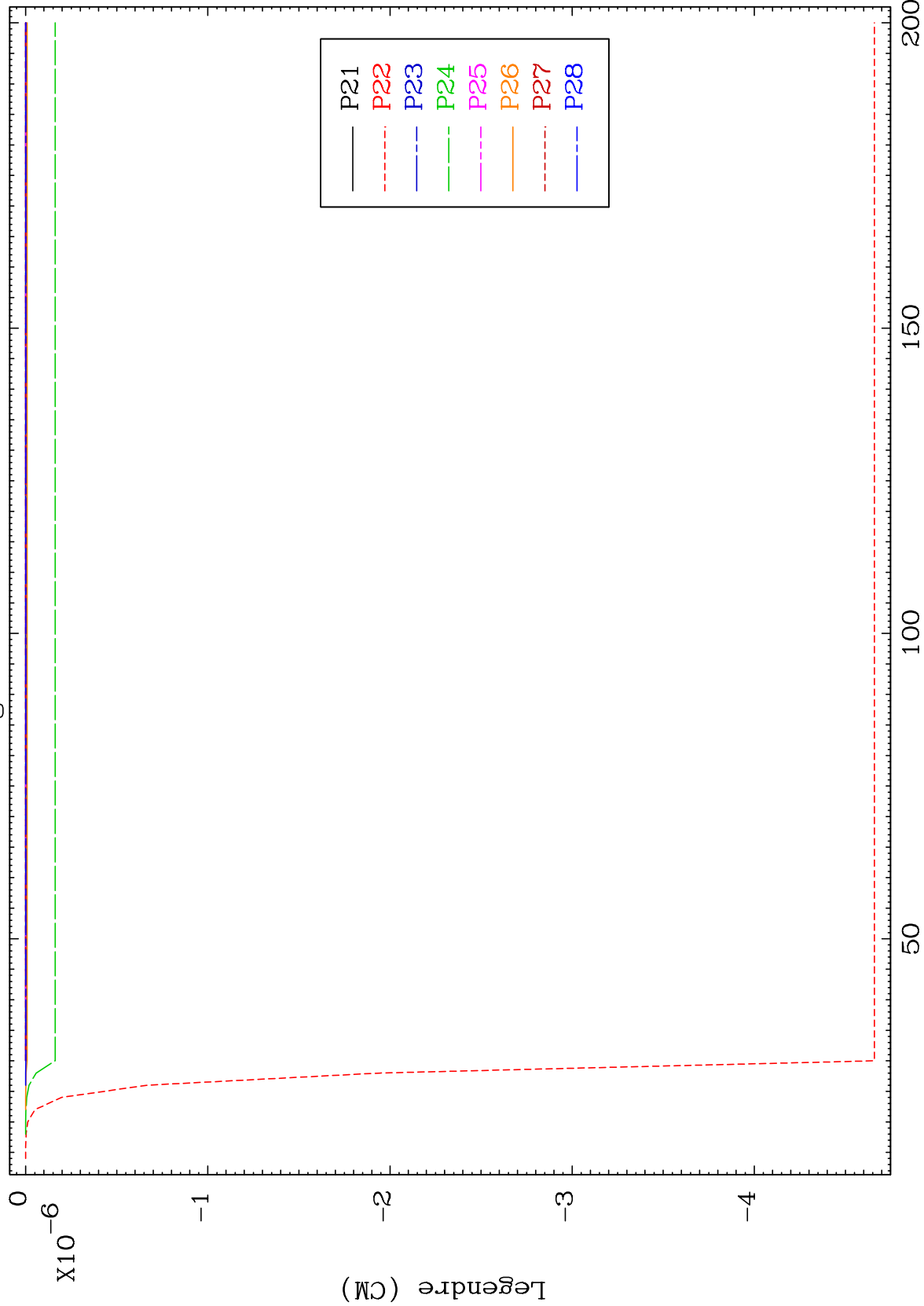
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 56 (n,n') Level
Legendre Coefficients

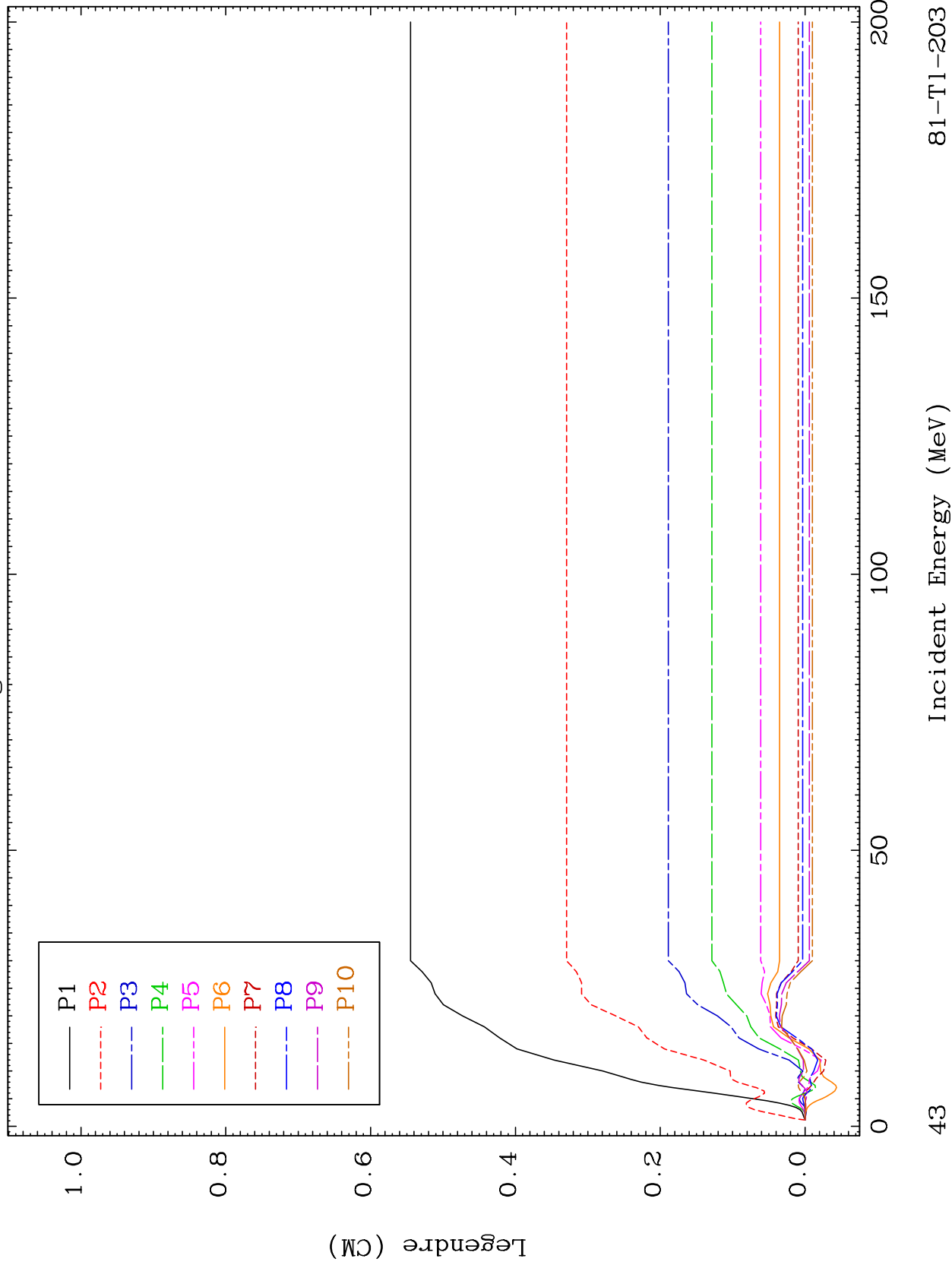
81-T1-203



42

Incident Energy (MeV)

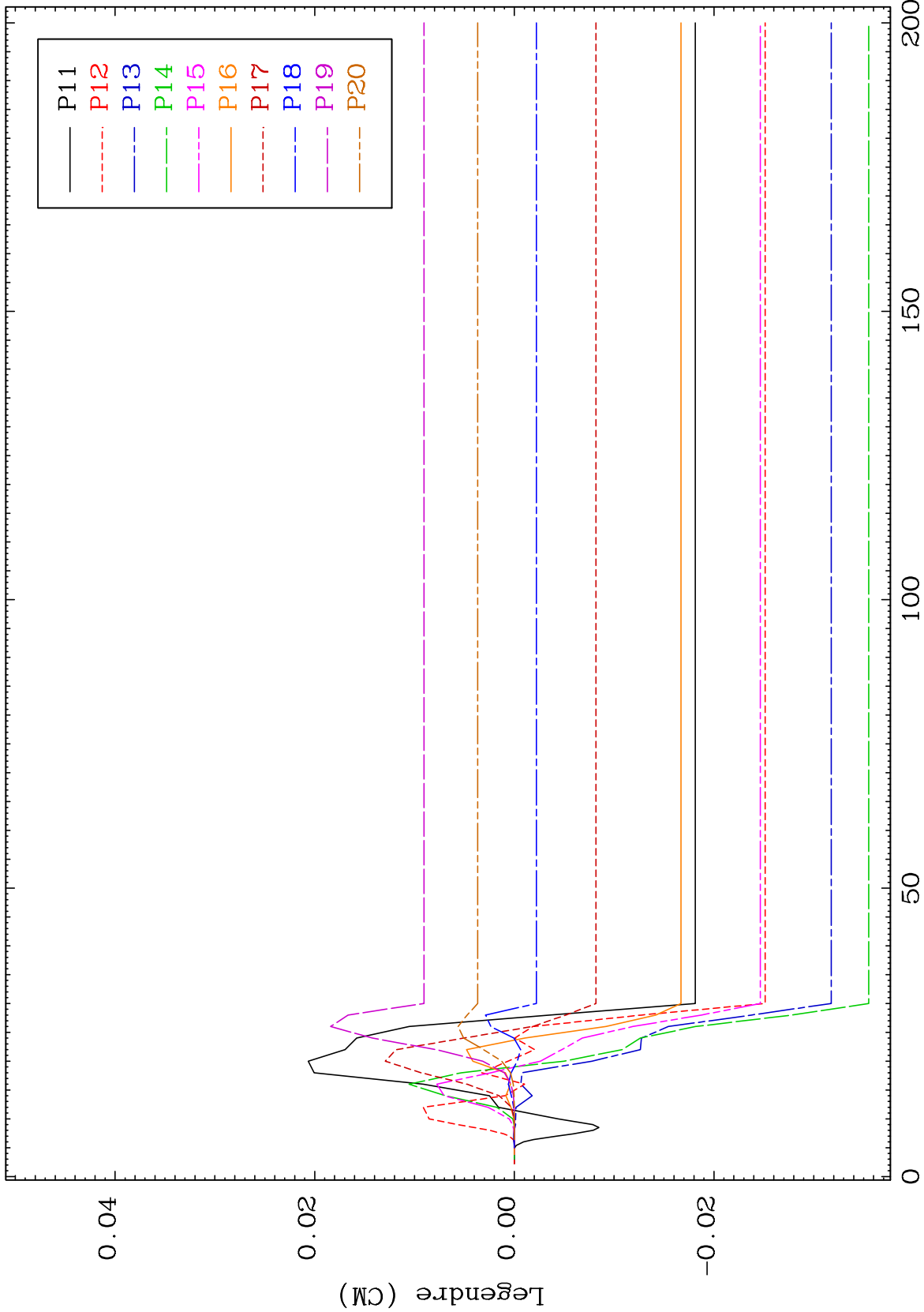
81-T1-203



MAT 8125

MT= 57 (n,n') Level
Legendre Coefficients

81-T1-203



44

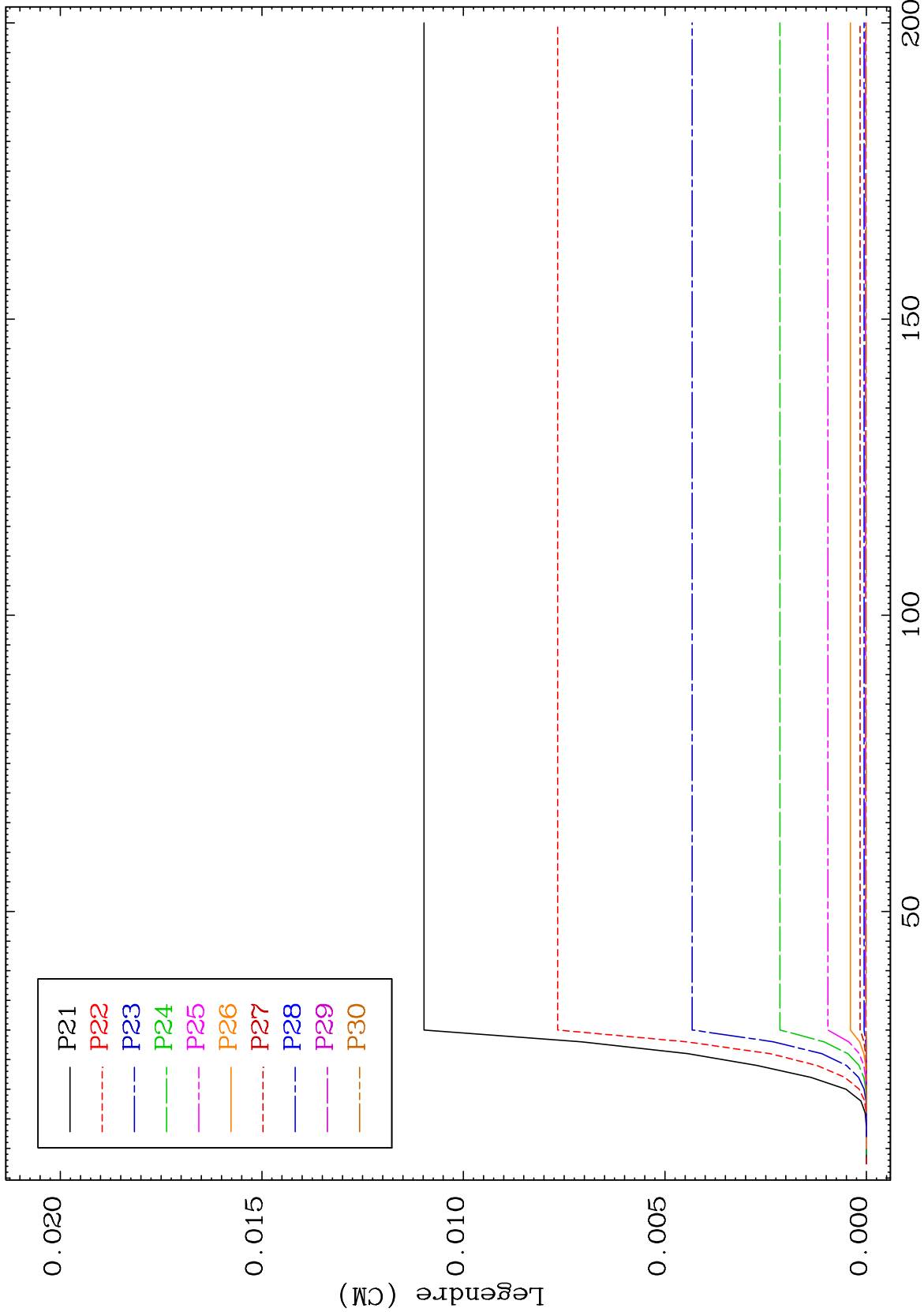
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 57 (n,n') Level
Legendre Coefficients

81-T1-203



45

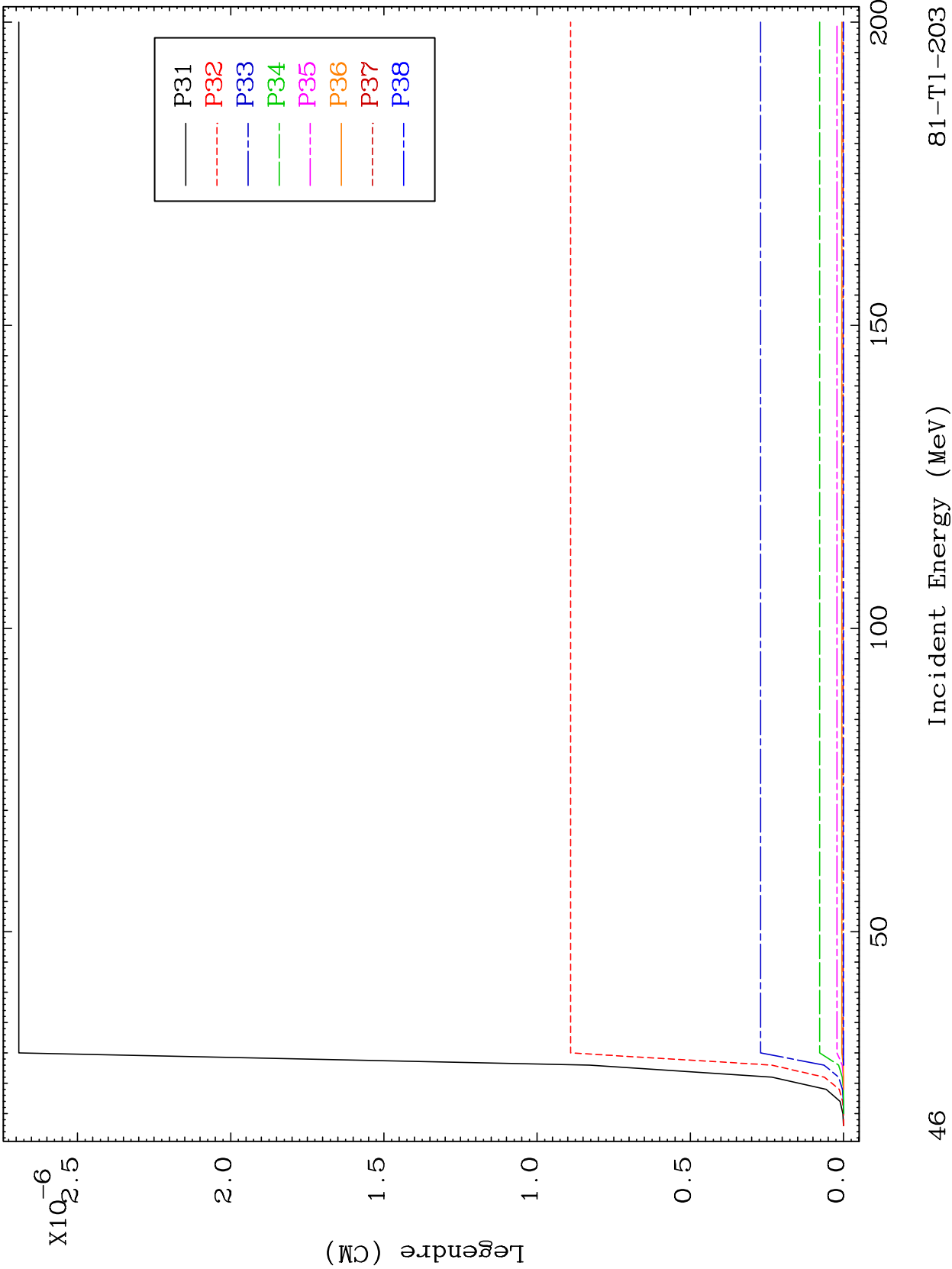
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 57 (n,n') Level
Legendre Coefficients

81-T1-203



46

Incident Energy (MeV)

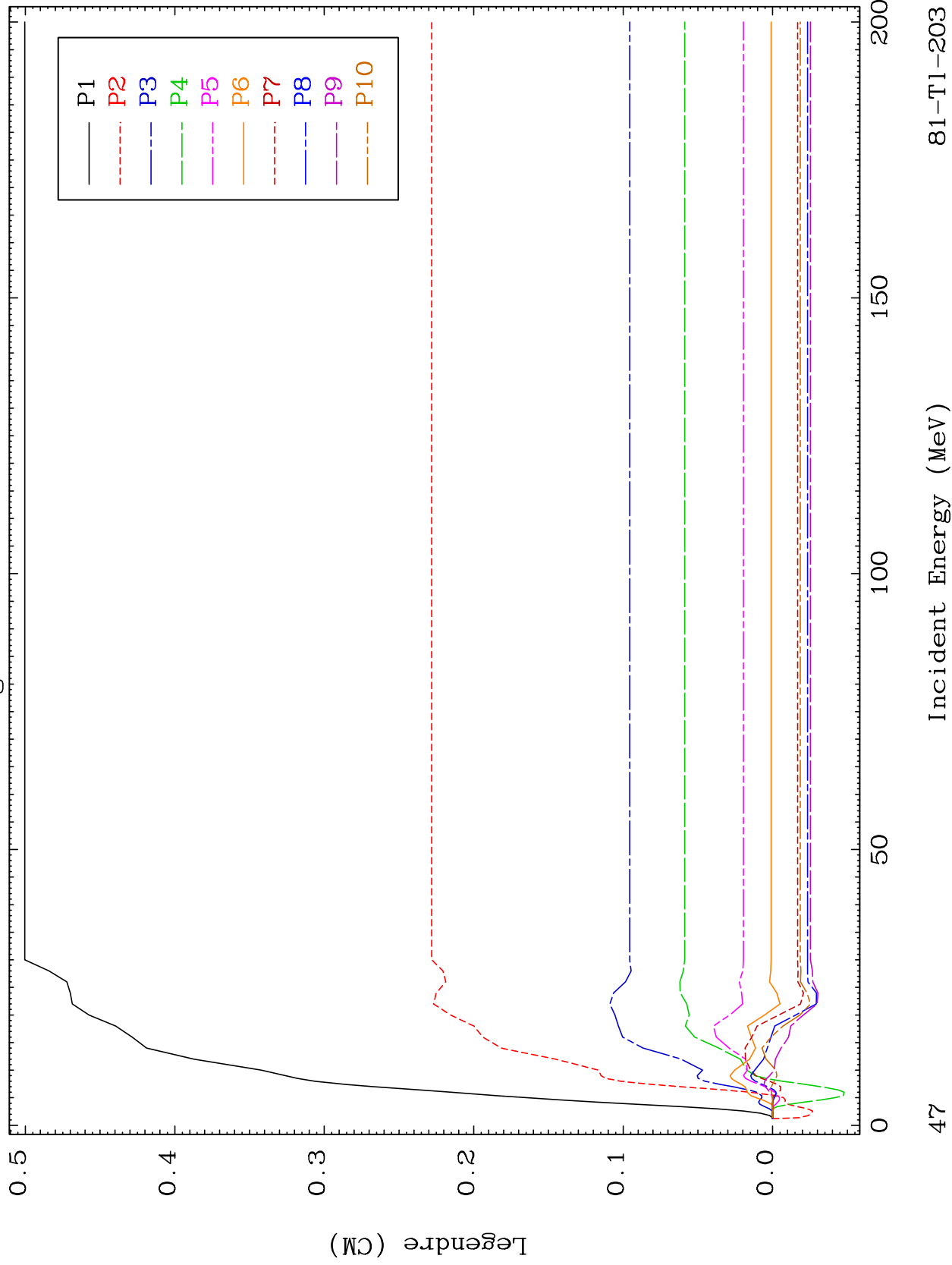
81-T1-203

MAT 8125

MT= 58 (n,n') Level

81-T1-203

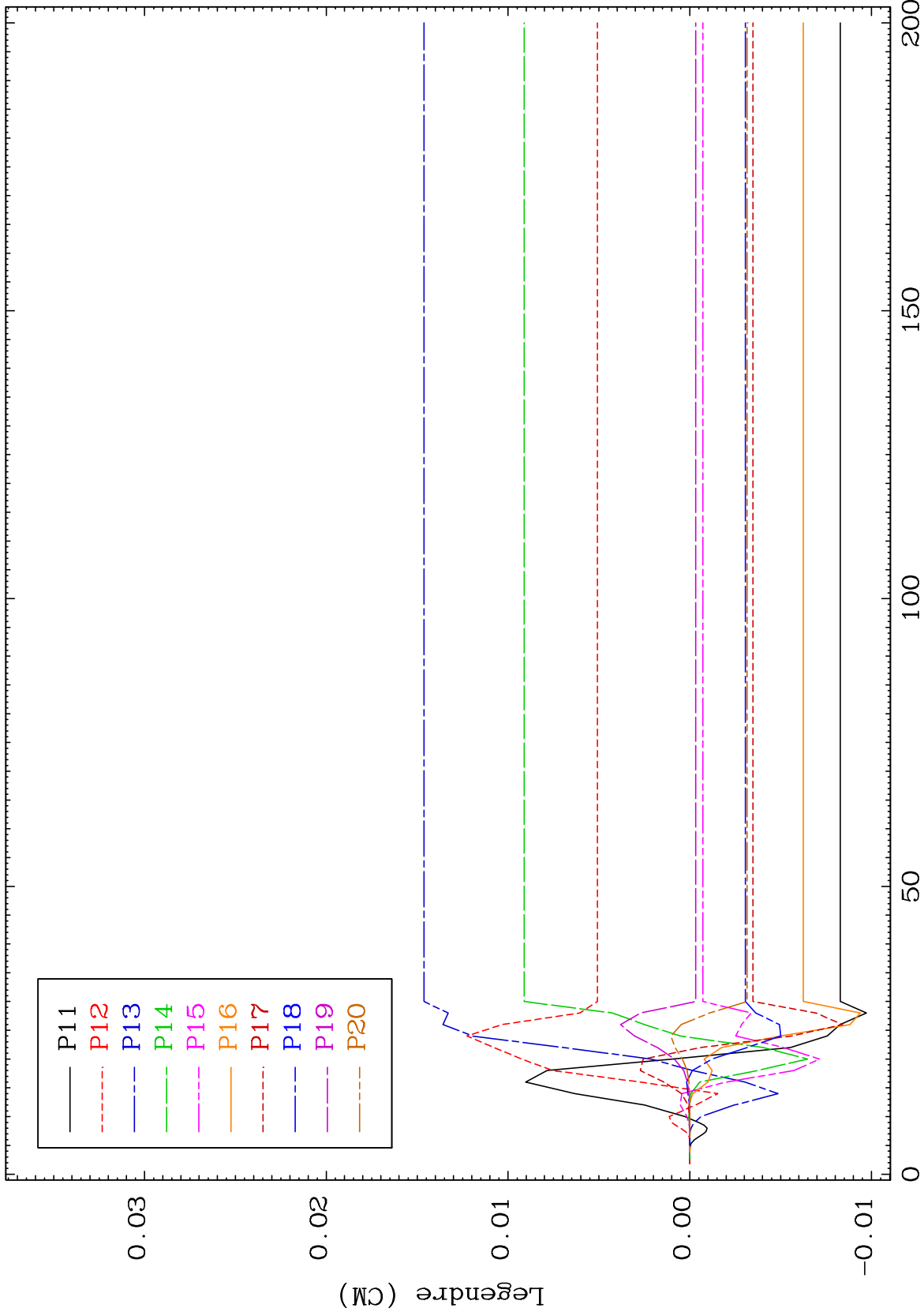
Legendre Coefficients



MAT 8125

MT= 58 (n,n') Level
Legendre Coefficients

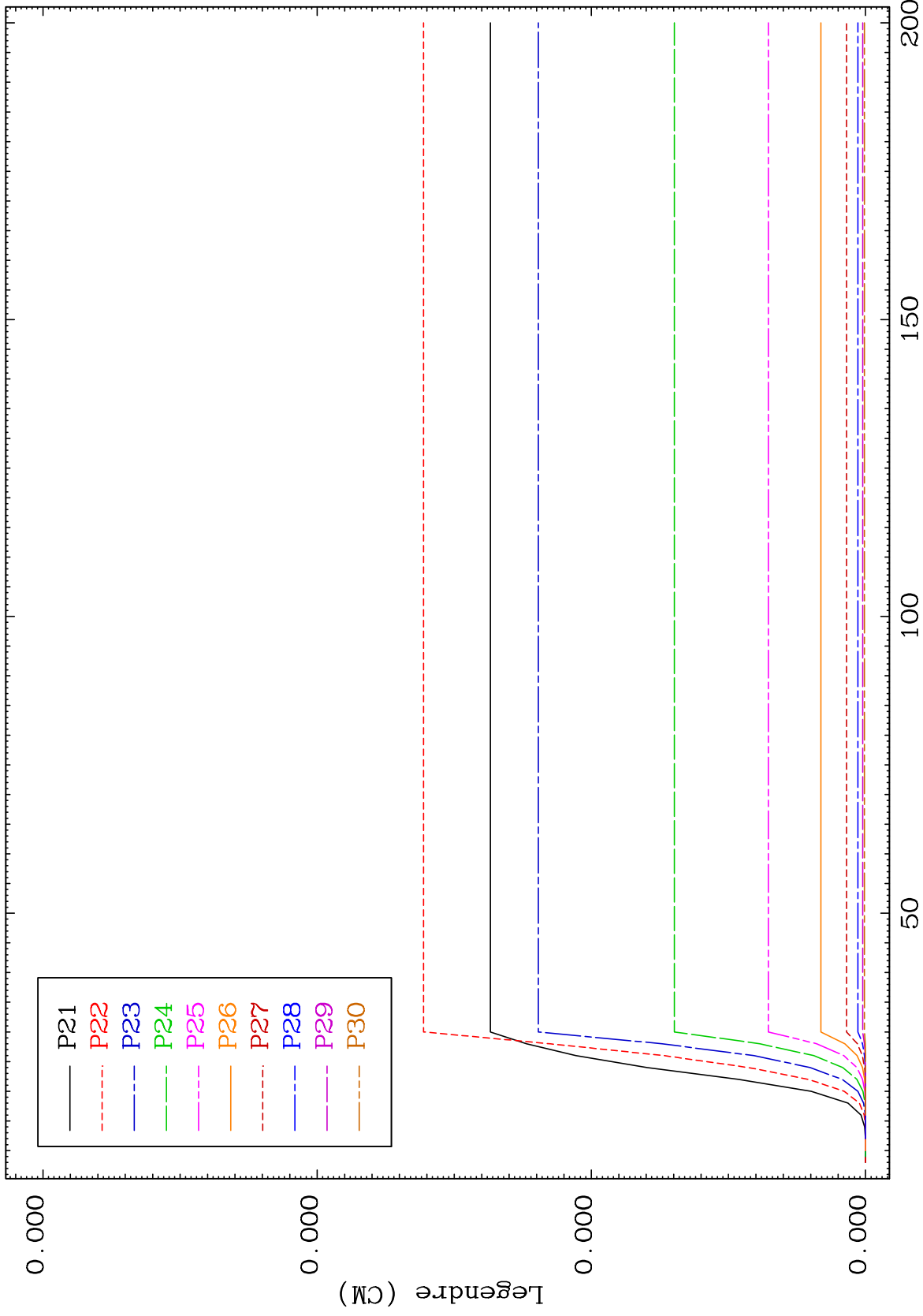
81-T1-203



48

Incident Energy (MeV)

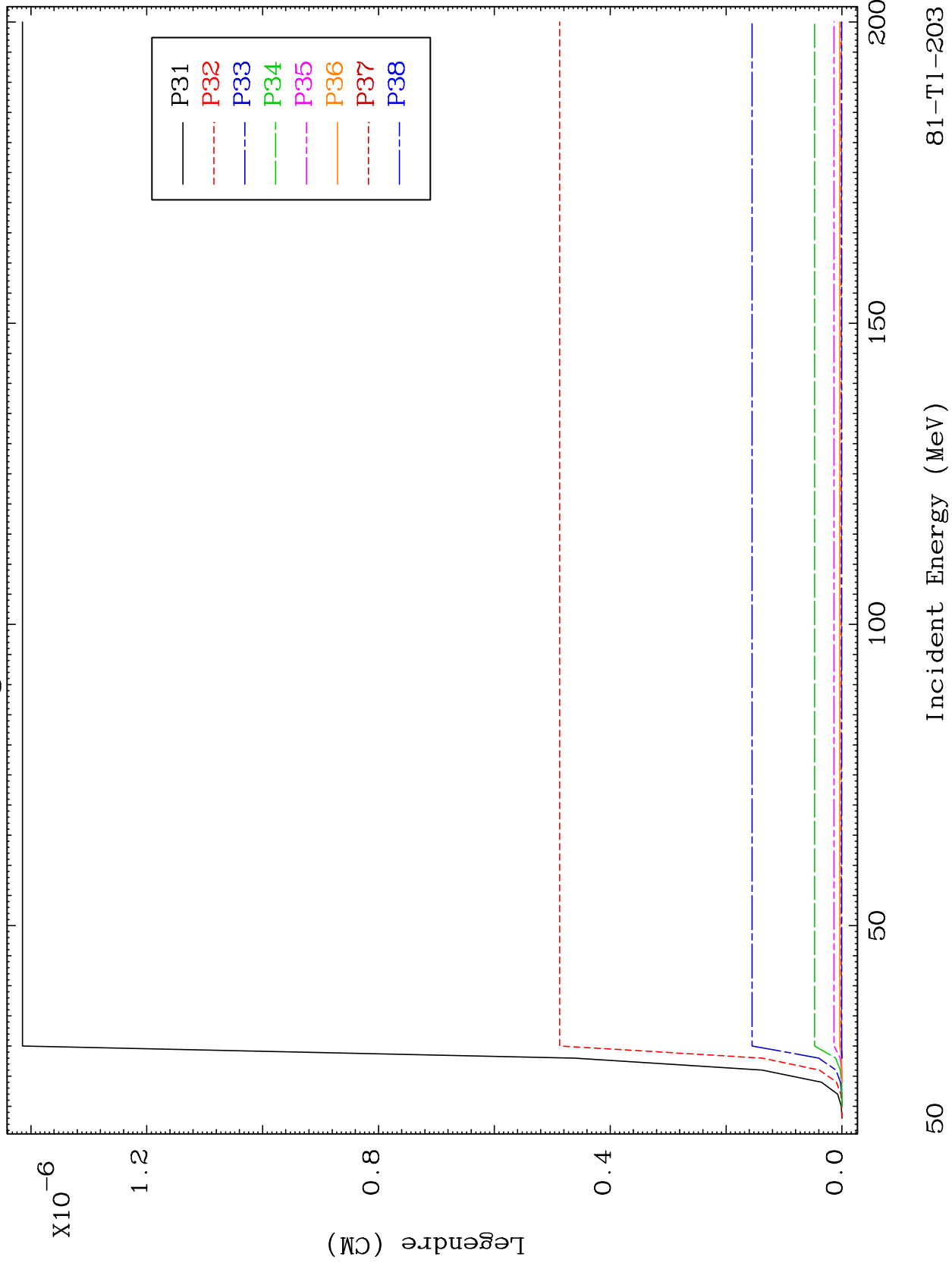
81-T1-203



MAT 8125

MT= 58 (n,n') Level
Legendre Coefficients

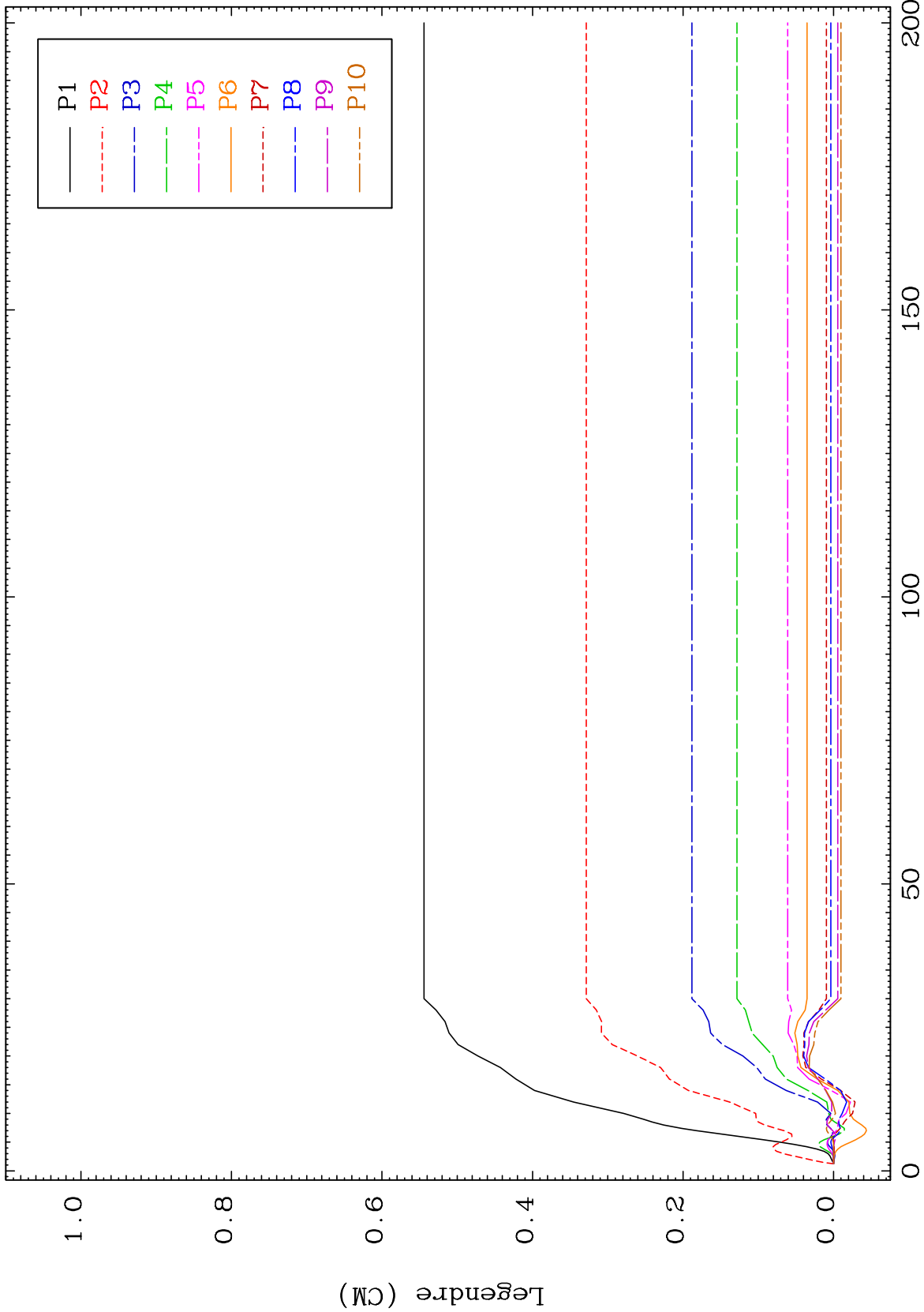
81-T1-203



MAT 8125

MT= 59 (n,n') Level
Legendre Coefficients

81-T1-203



51

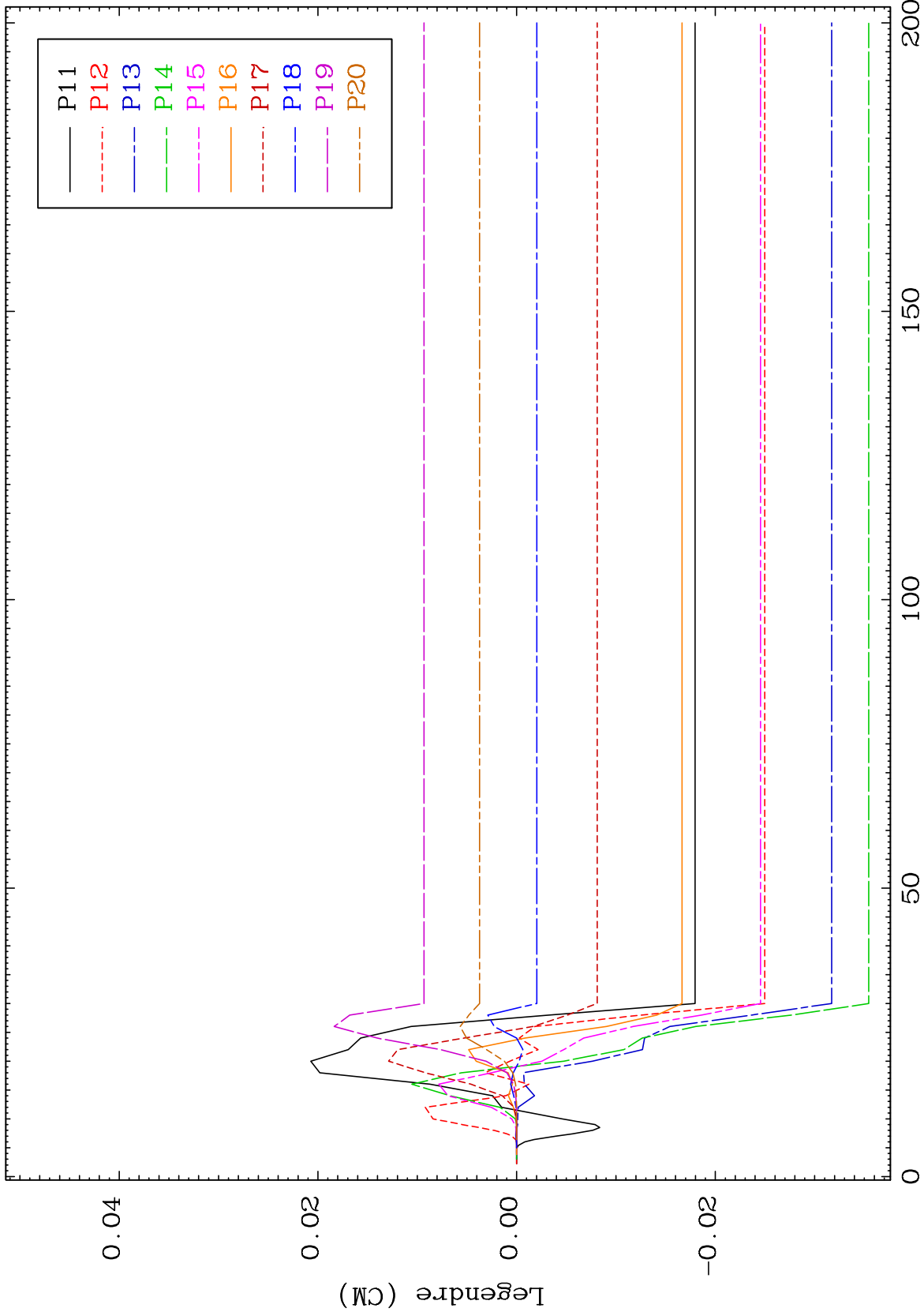
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 59 (n,n') Level
Legendre Coefficients

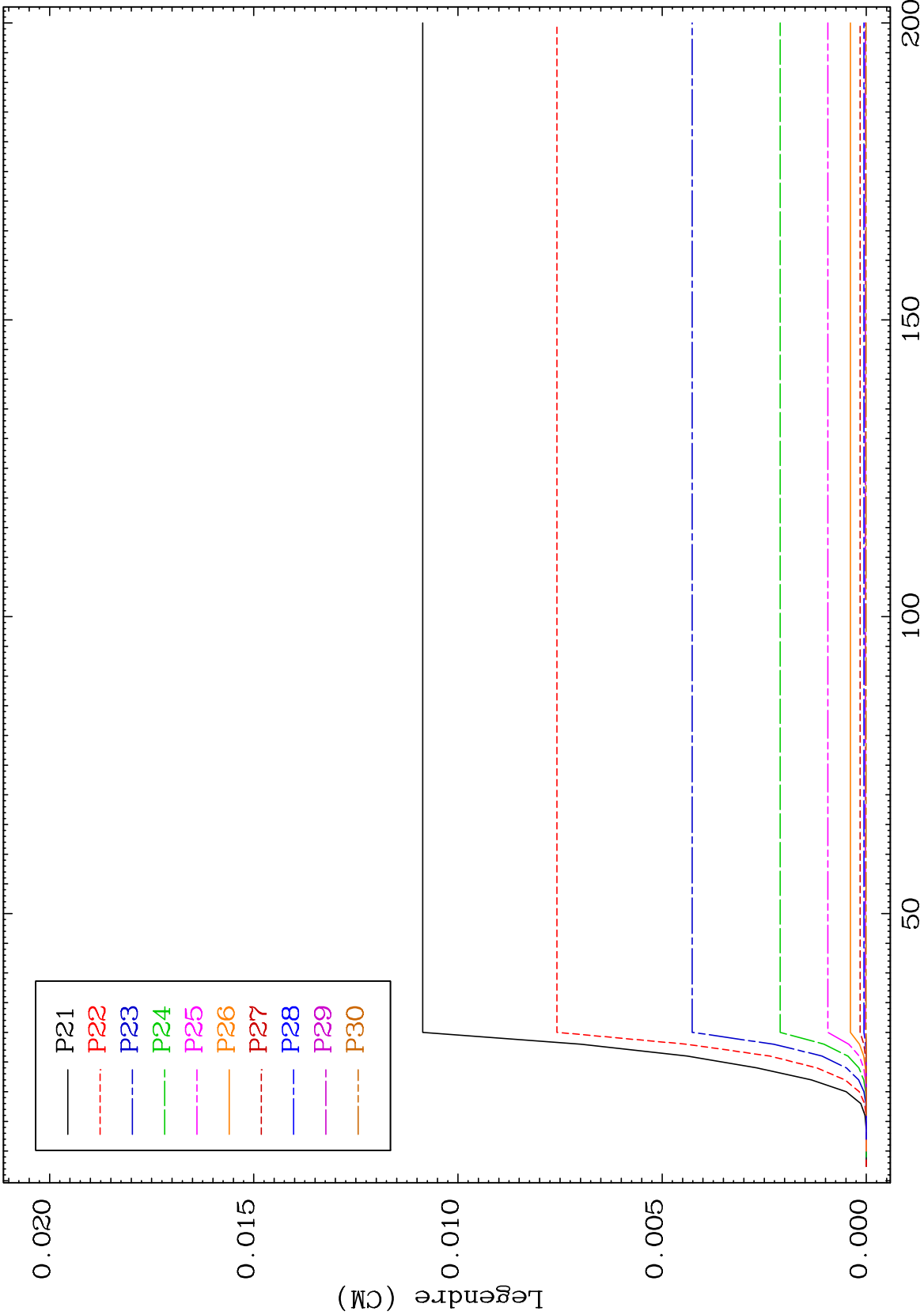
81-T1-203

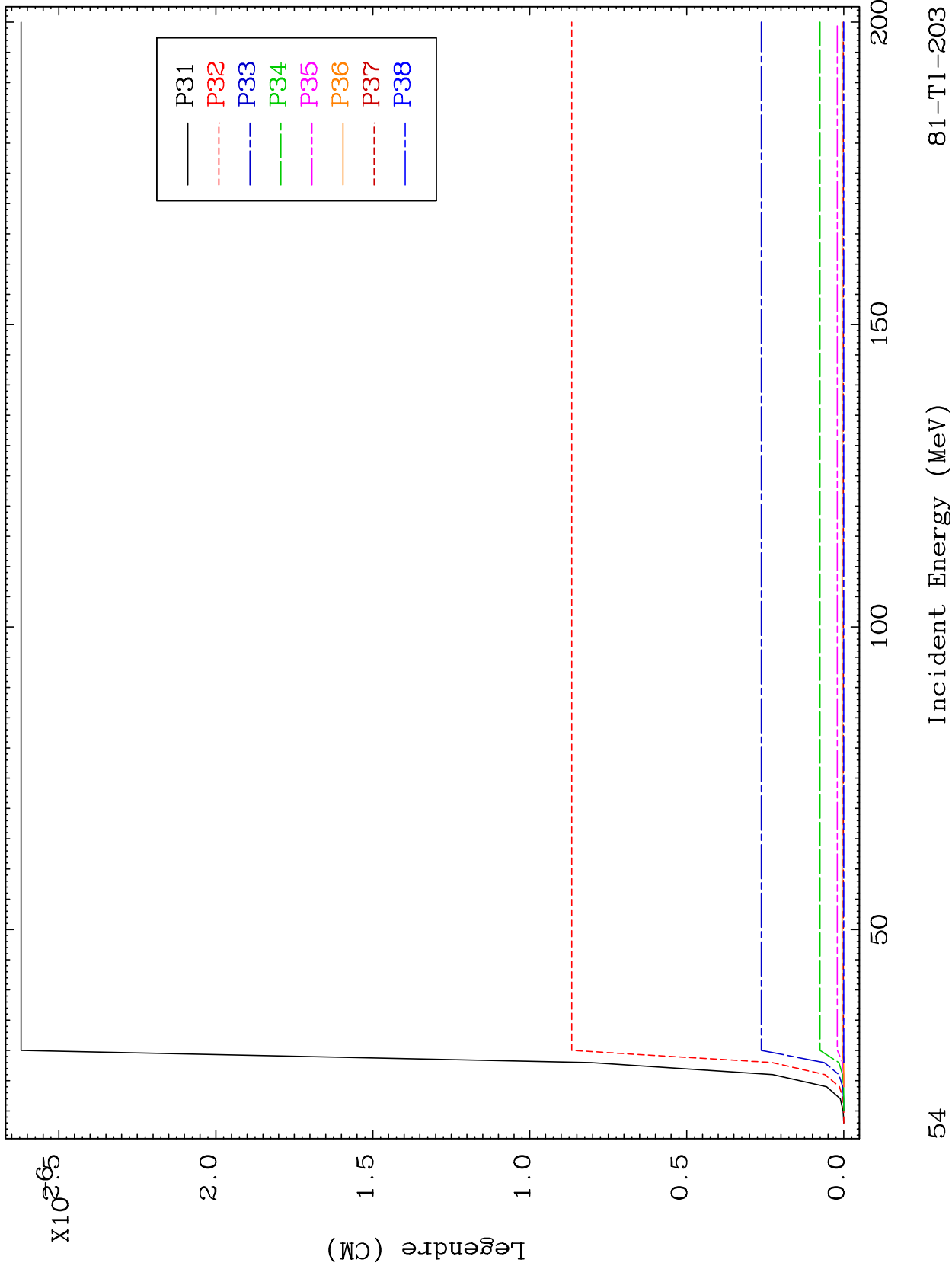


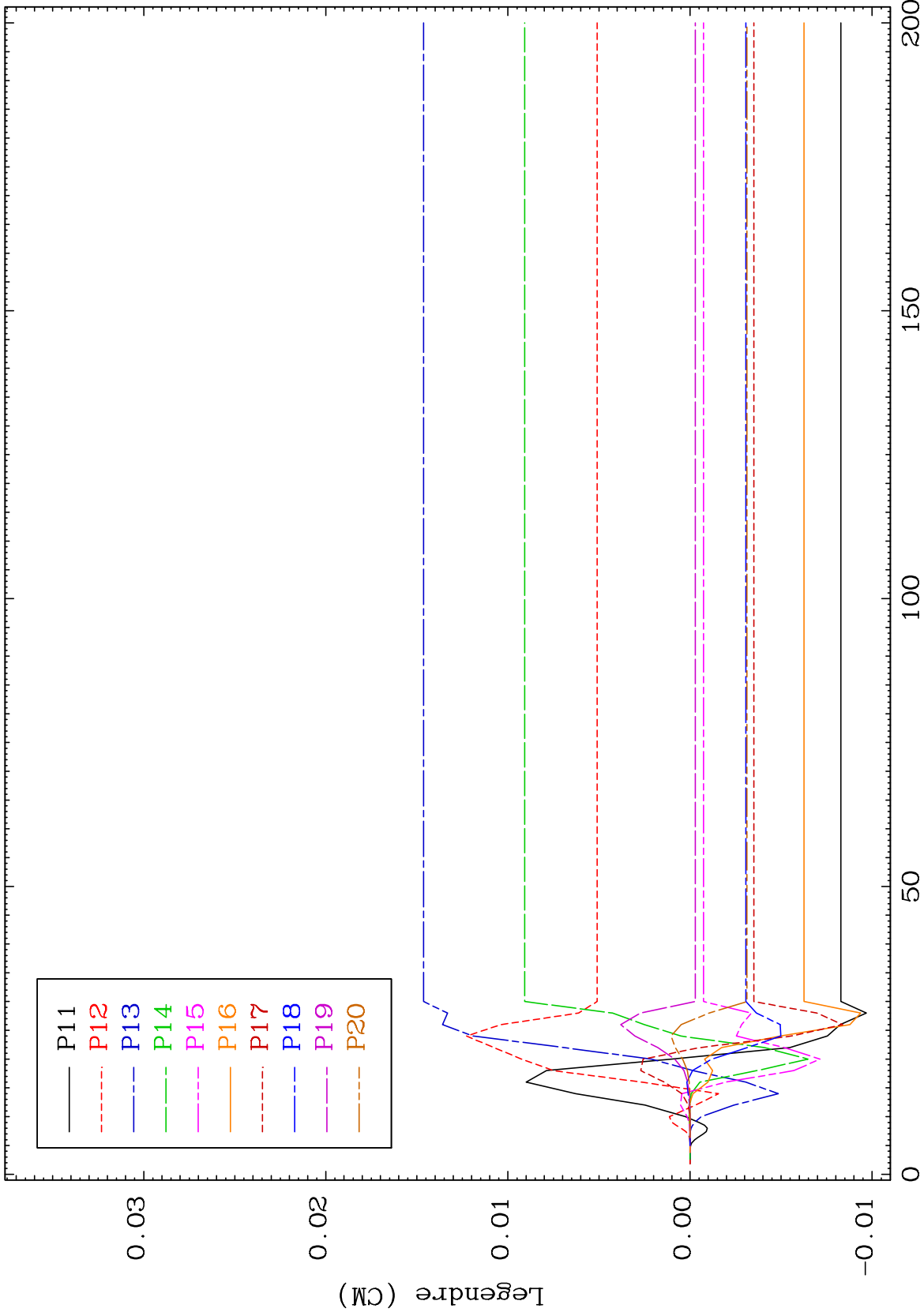
52

Incident Energy (MeV)

81-T1-203



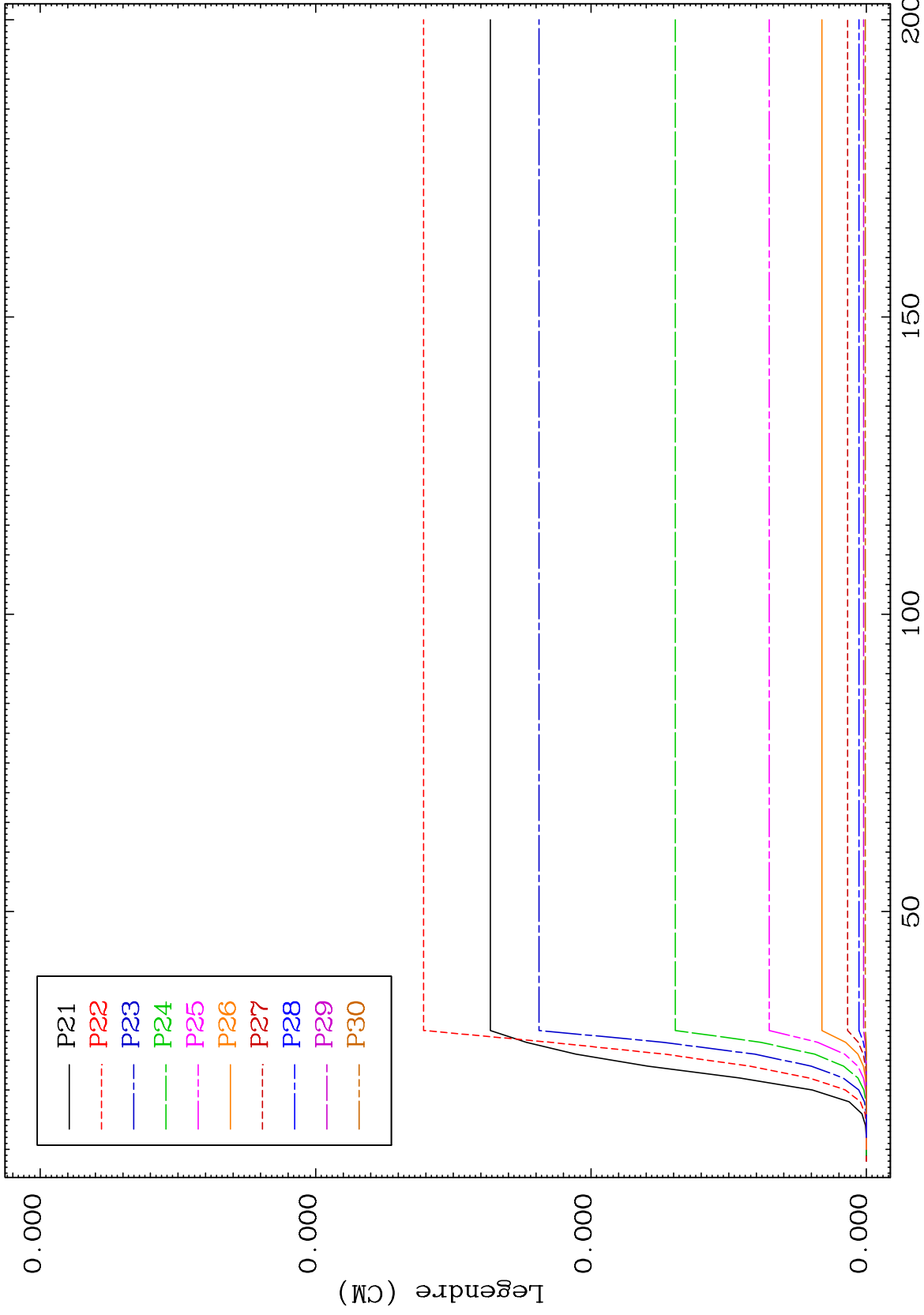




MAT 8125

MT= 60 (n,n') Level
Legendre Coefficients

81-T1-203



57

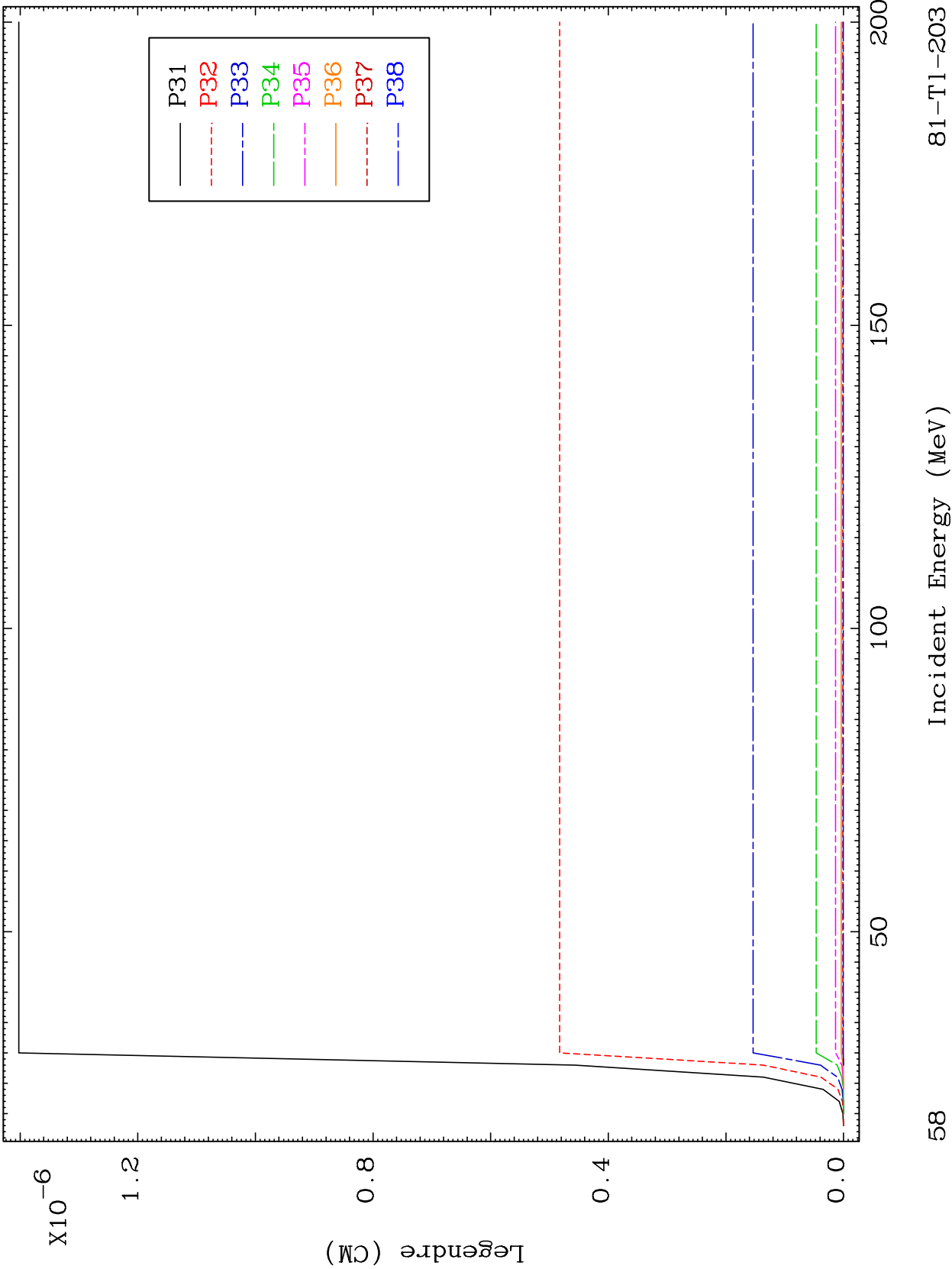
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 60 (n,n') Level
Legendre Coefficients

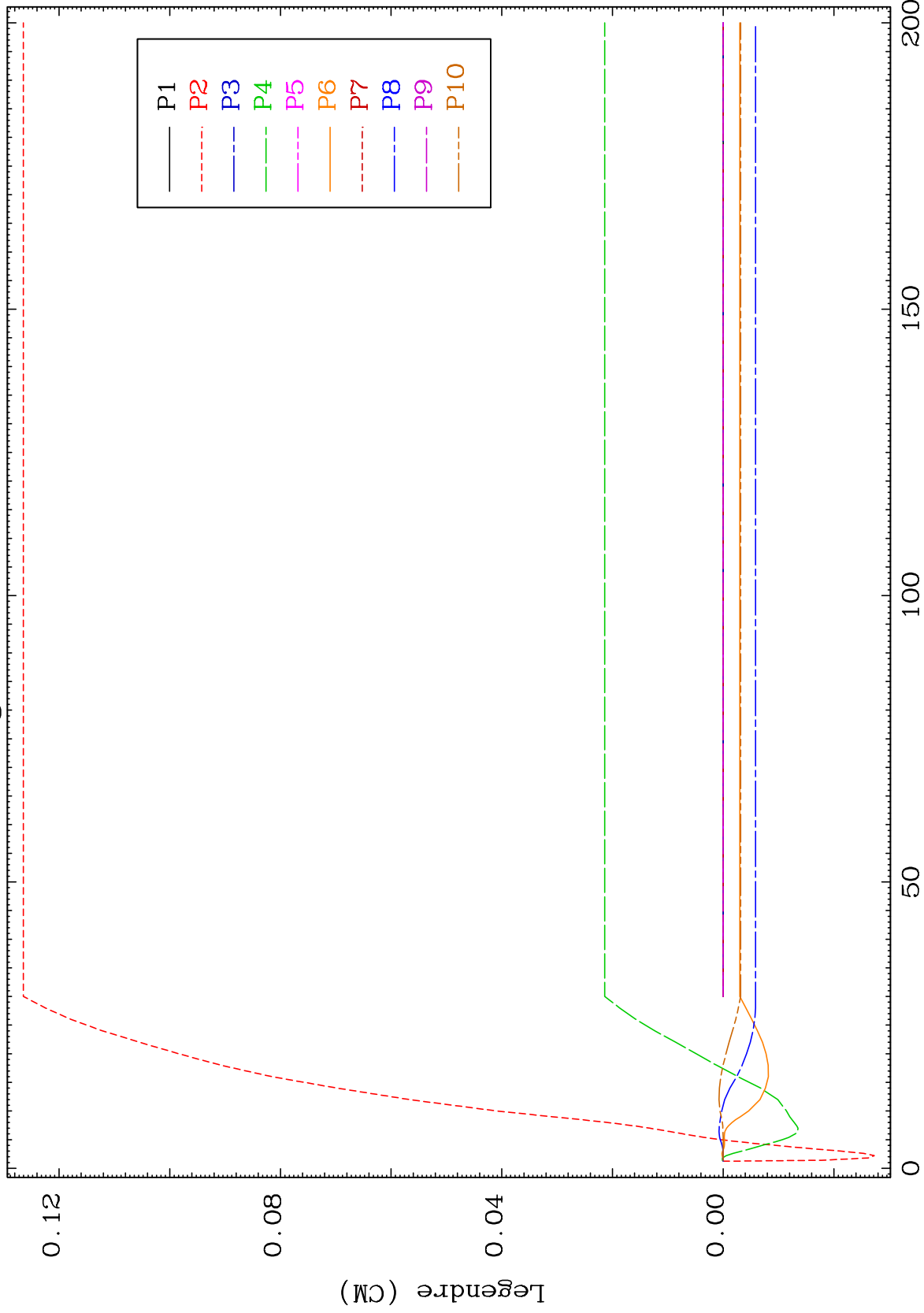
81-T1-203



MAT 8125

MT= 61 (n,n') Level
Legendre Coefficients

81-T1-203



59

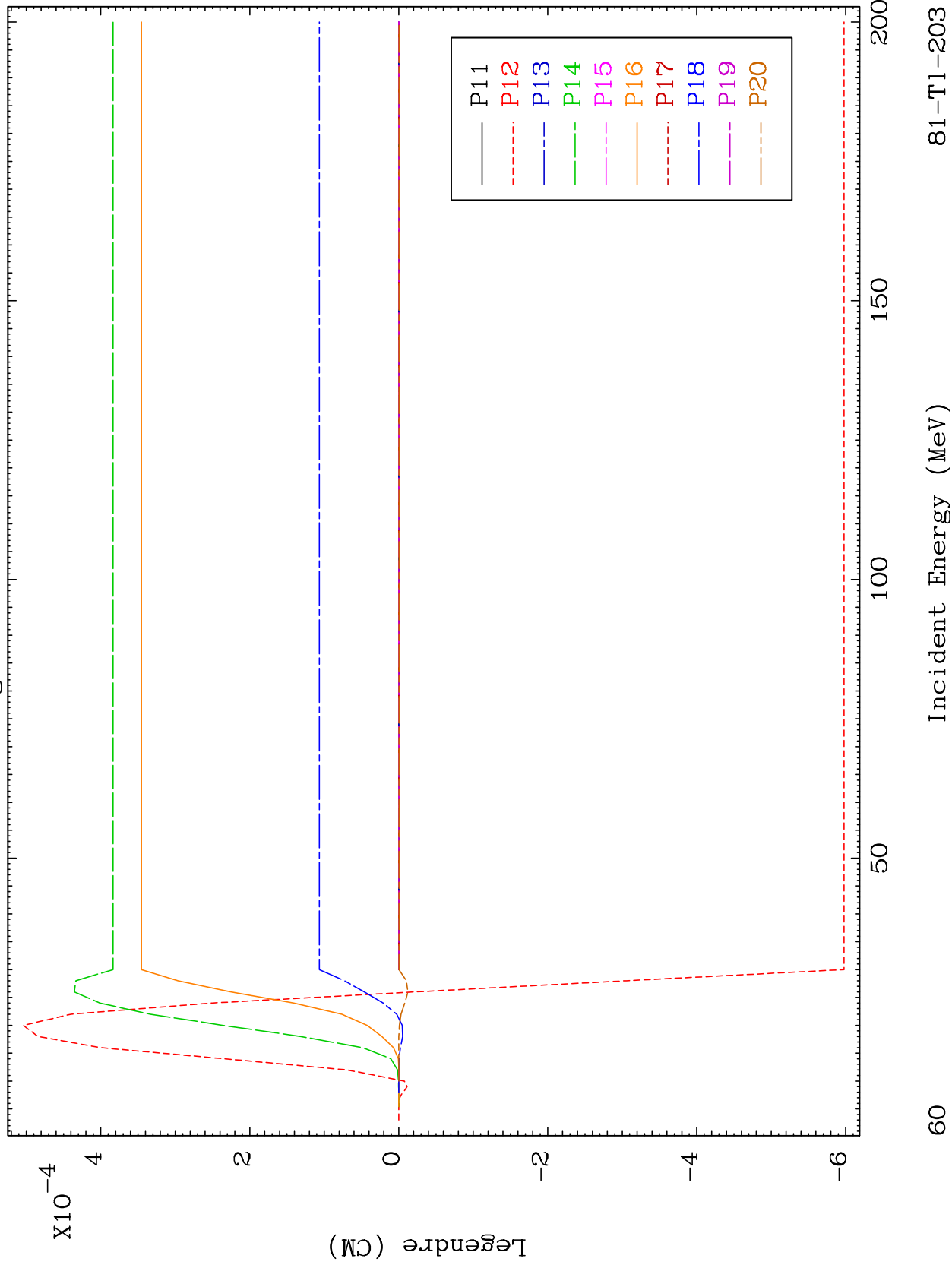
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 61 (n,n') Level
Legendre Coefficients

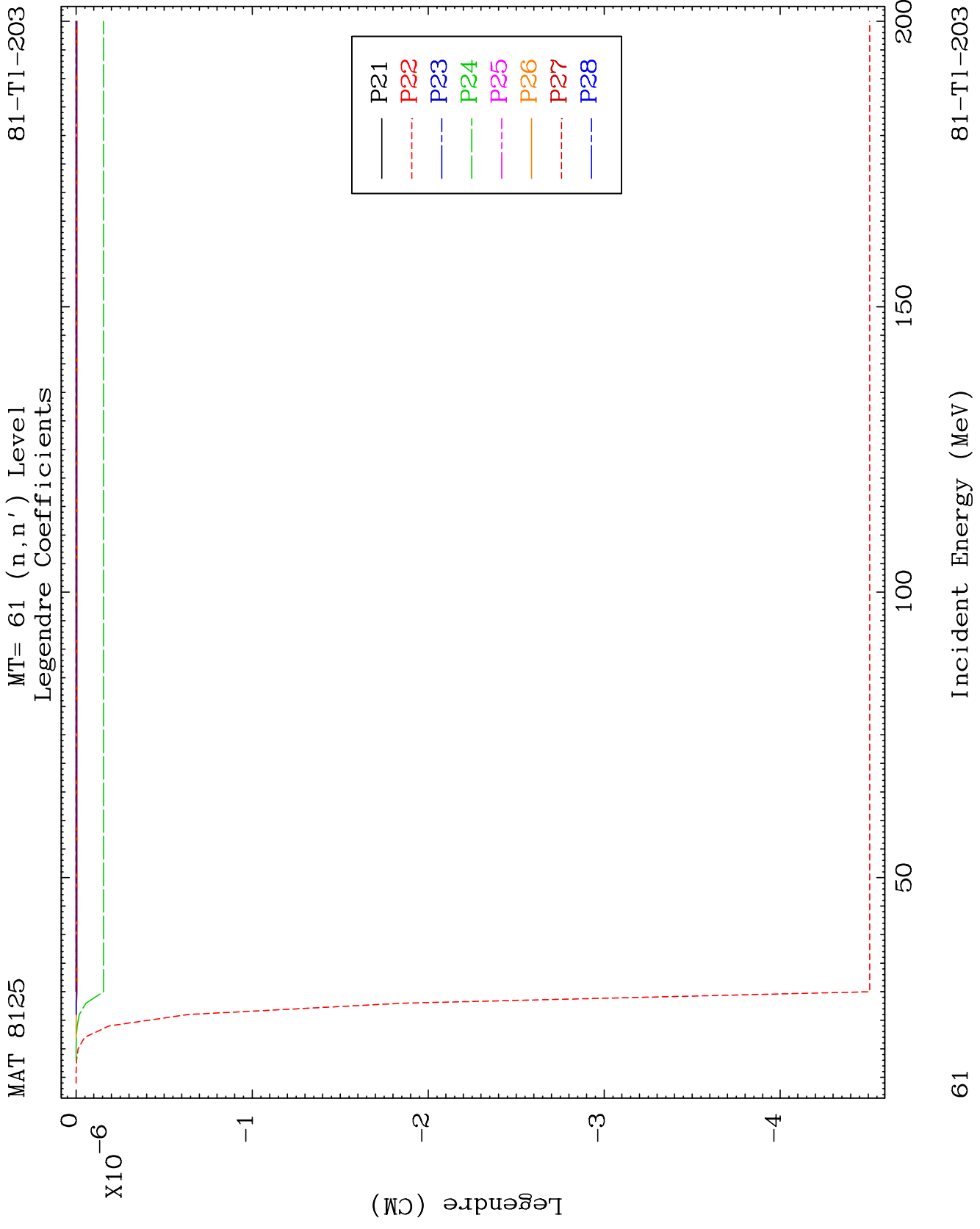
81-T1-203



81-T1-203

Incident Energy (MeV)

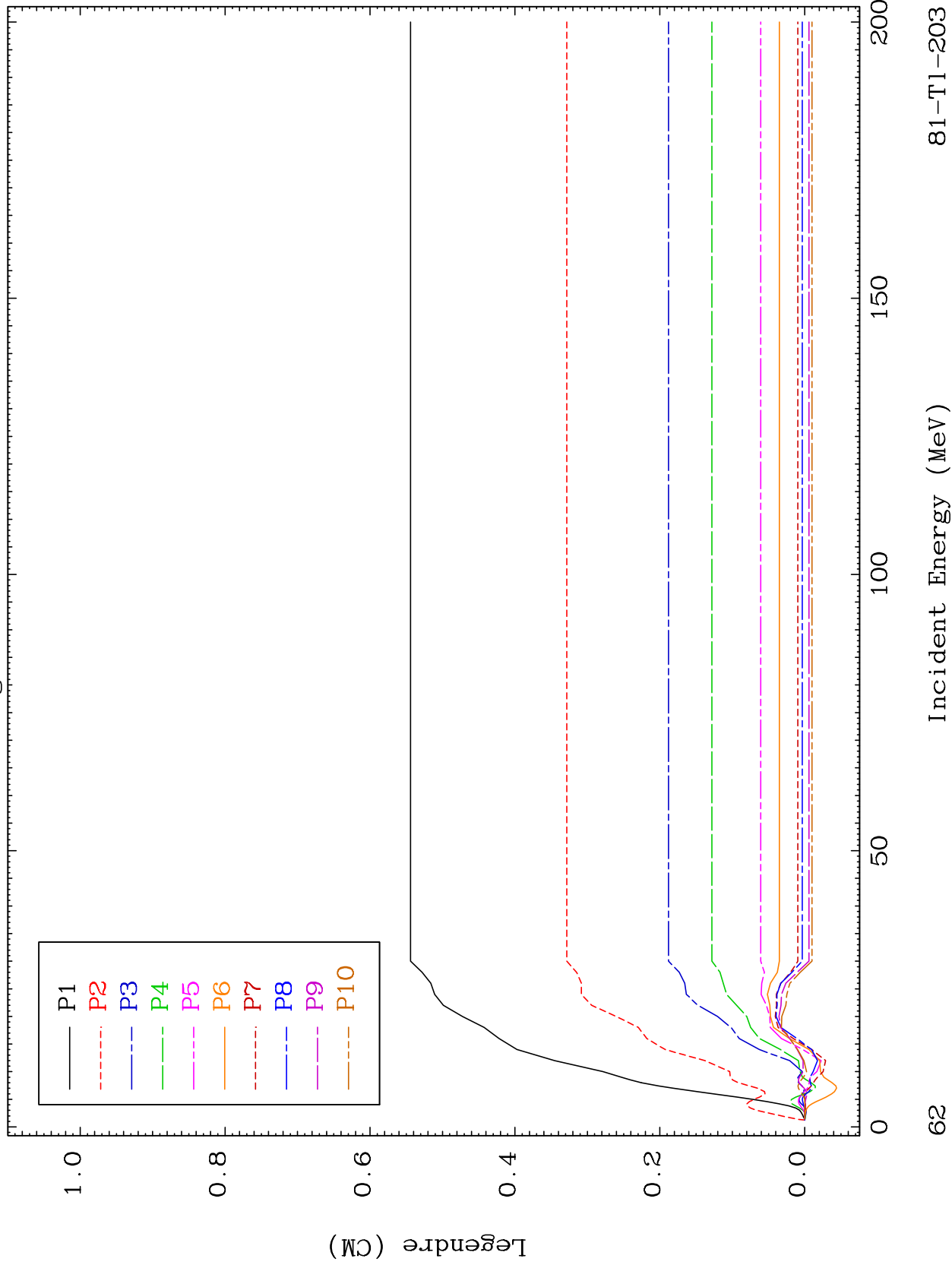
60



MAT 8125

MT= 62 (n,n') Level
Legendre Coefficients

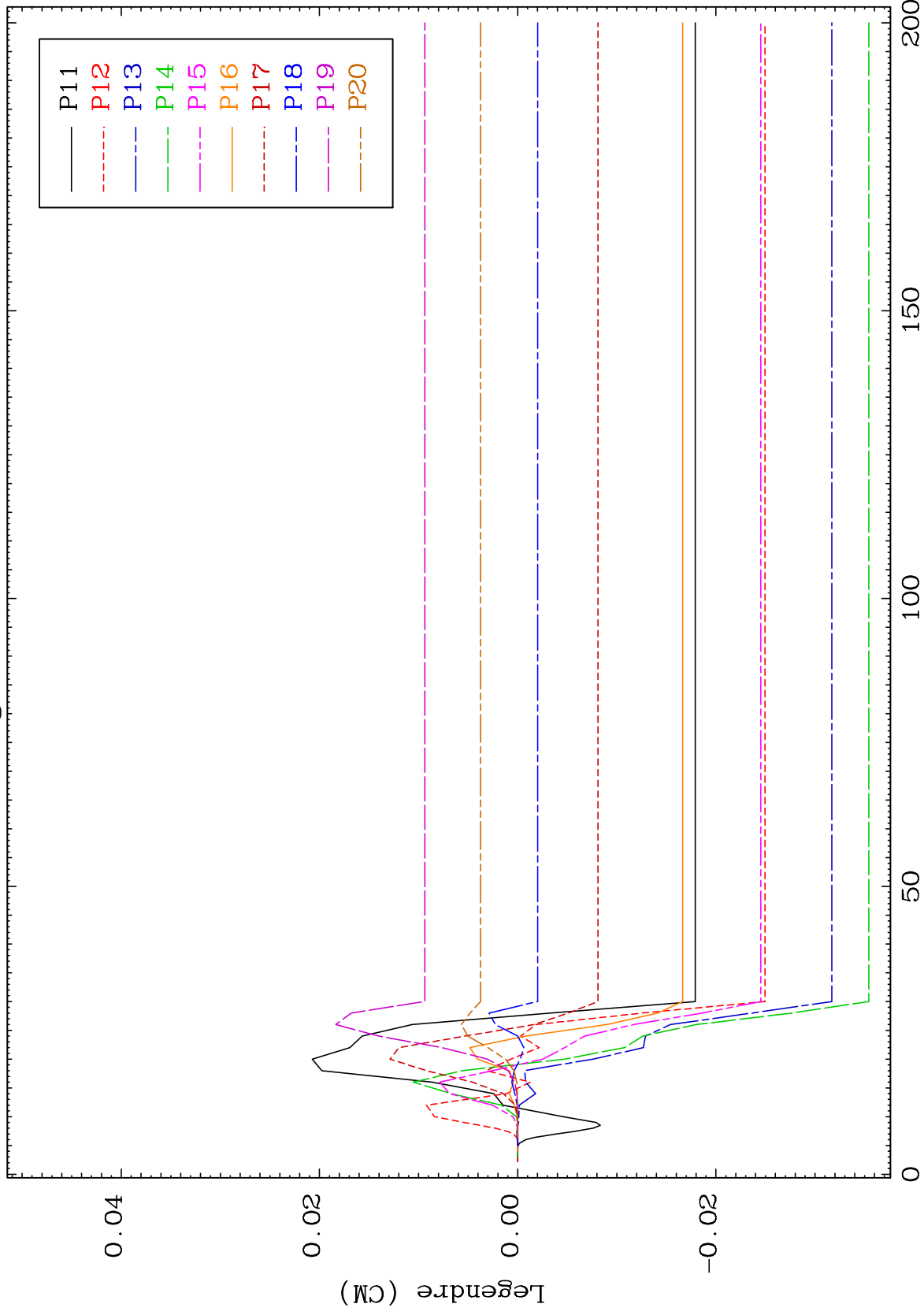
81-T1-203



MAT 8125

MT= 62 (n,n') Level
Legendre Coefficients

81-T1-203



63

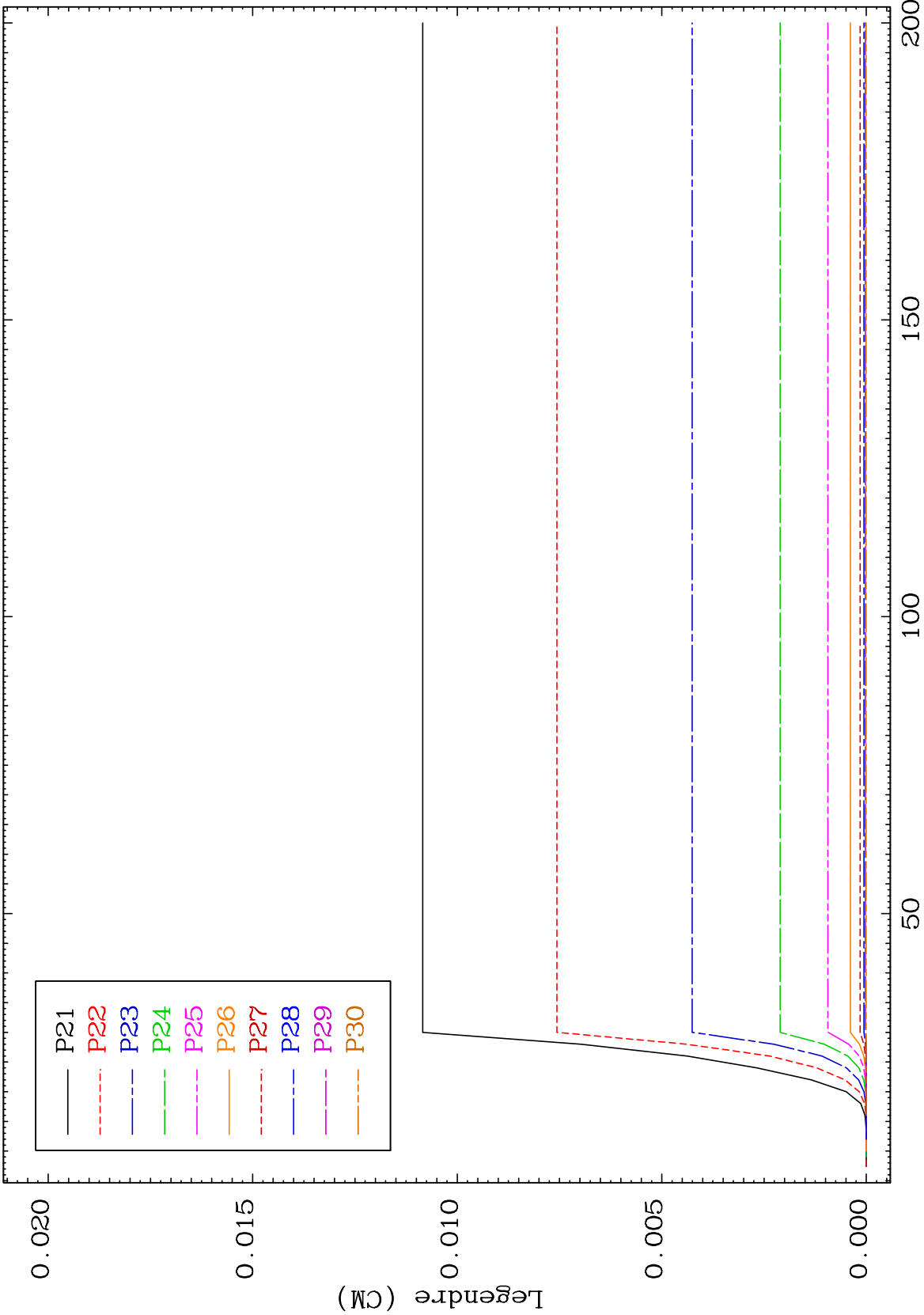
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 62 (n,n') Level
Legendre Coefficients

81-T1-203



64

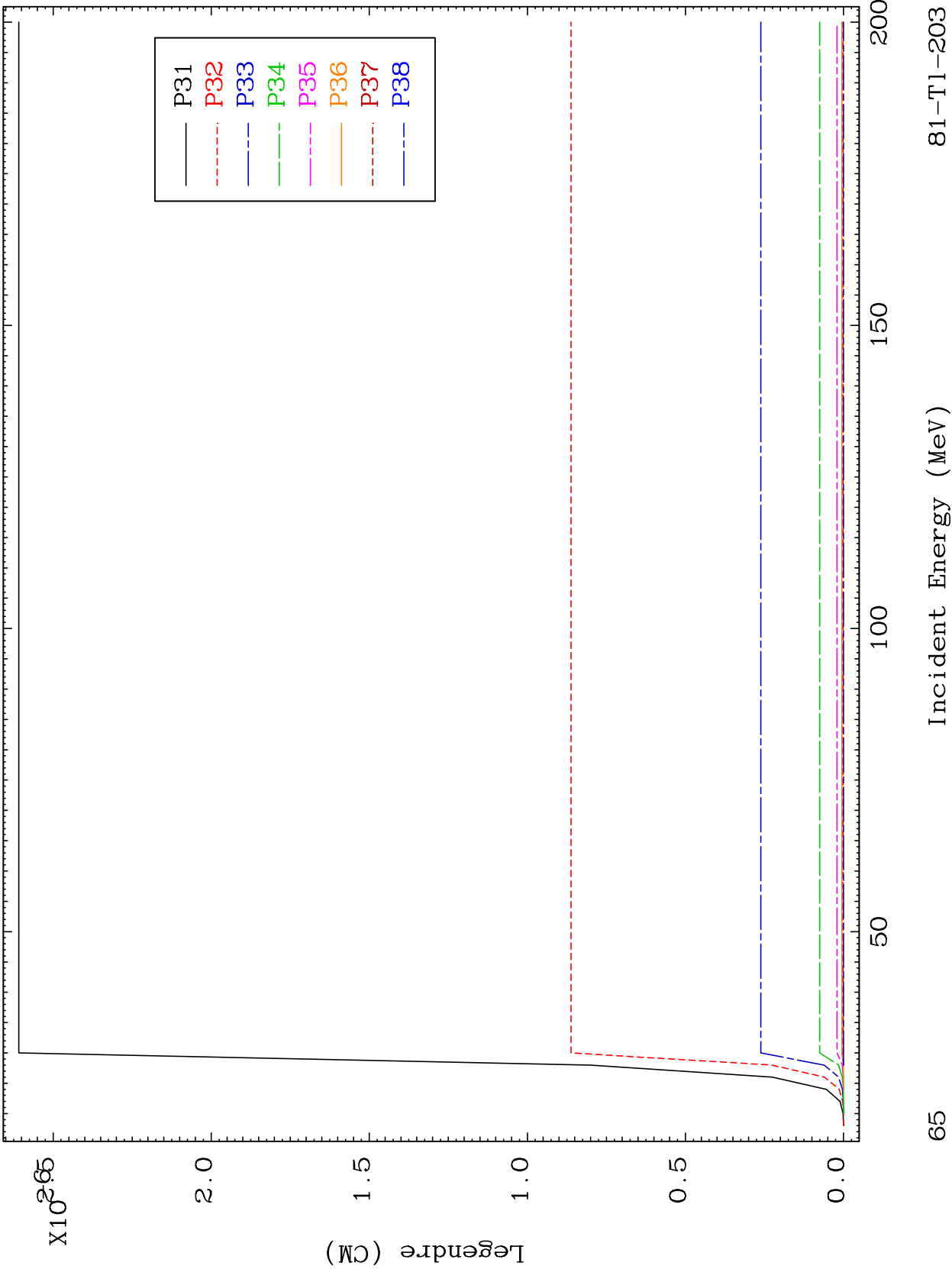
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 62 (n,n') Level
Legendre Coefficients

81-T1-203



65

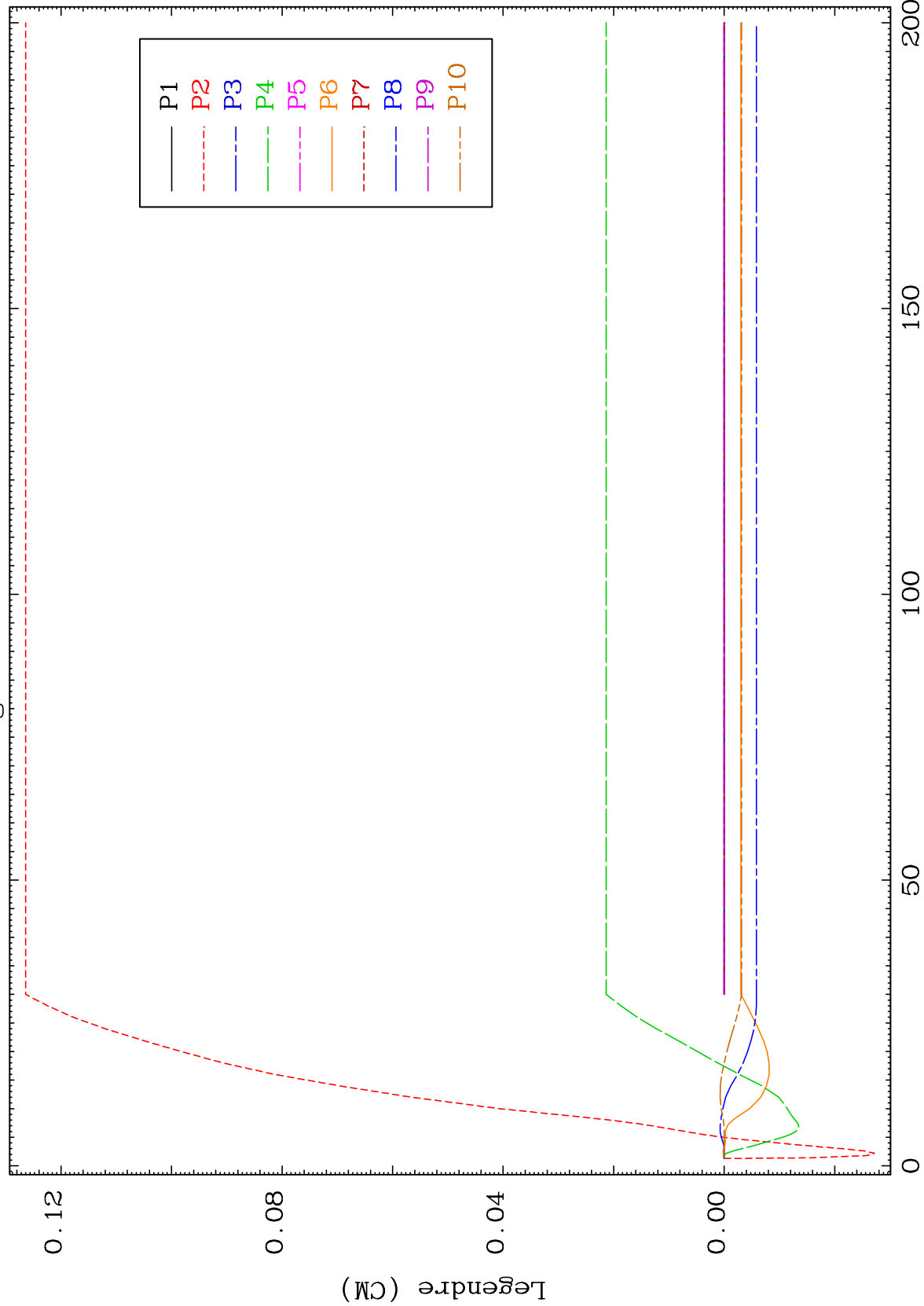
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 63 (n,n') Level
Legendre Coefficients

81-T1-203



66

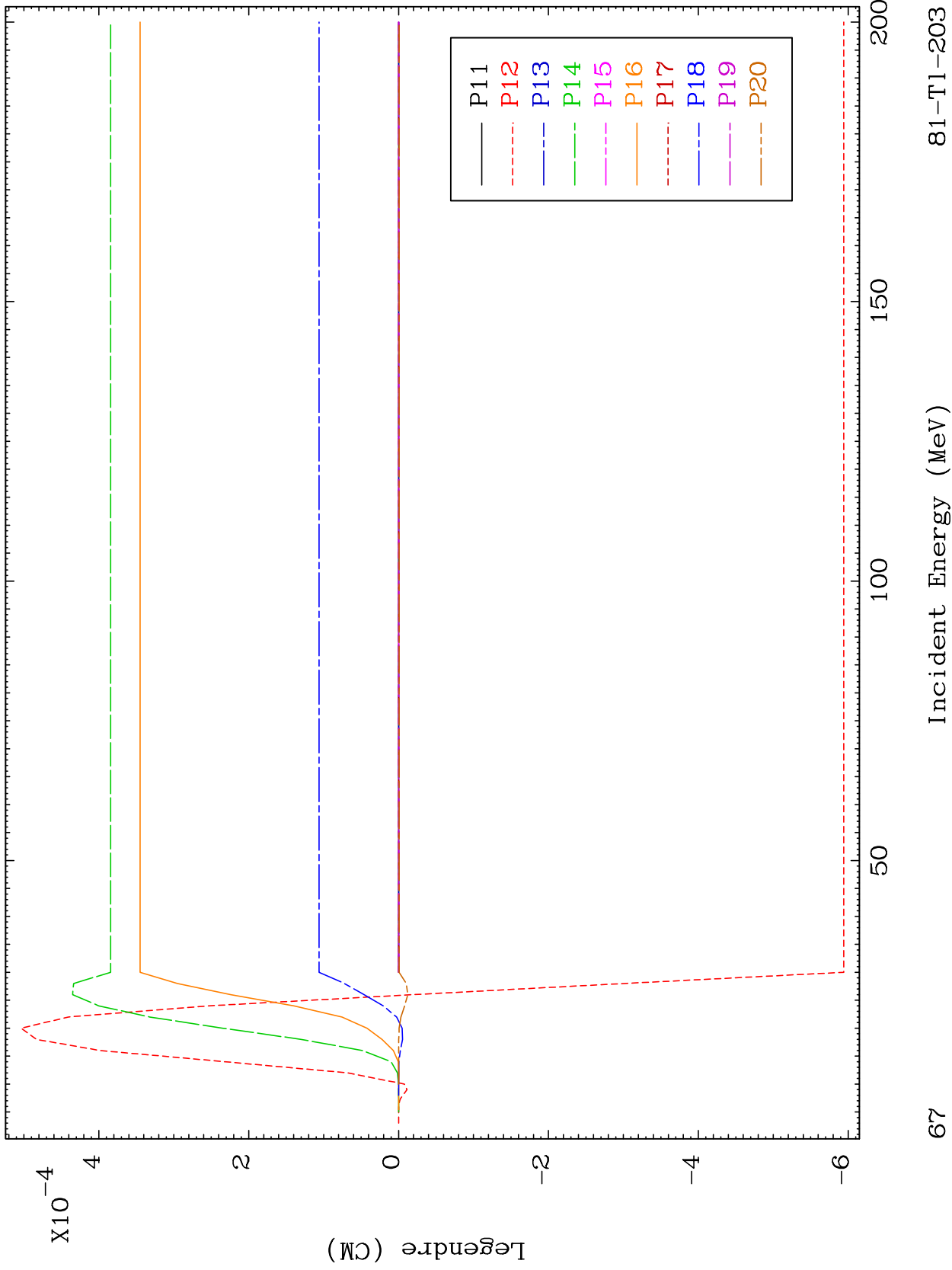
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 63 (n,n') Level
Legendre Coefficients

81-T1-203



67

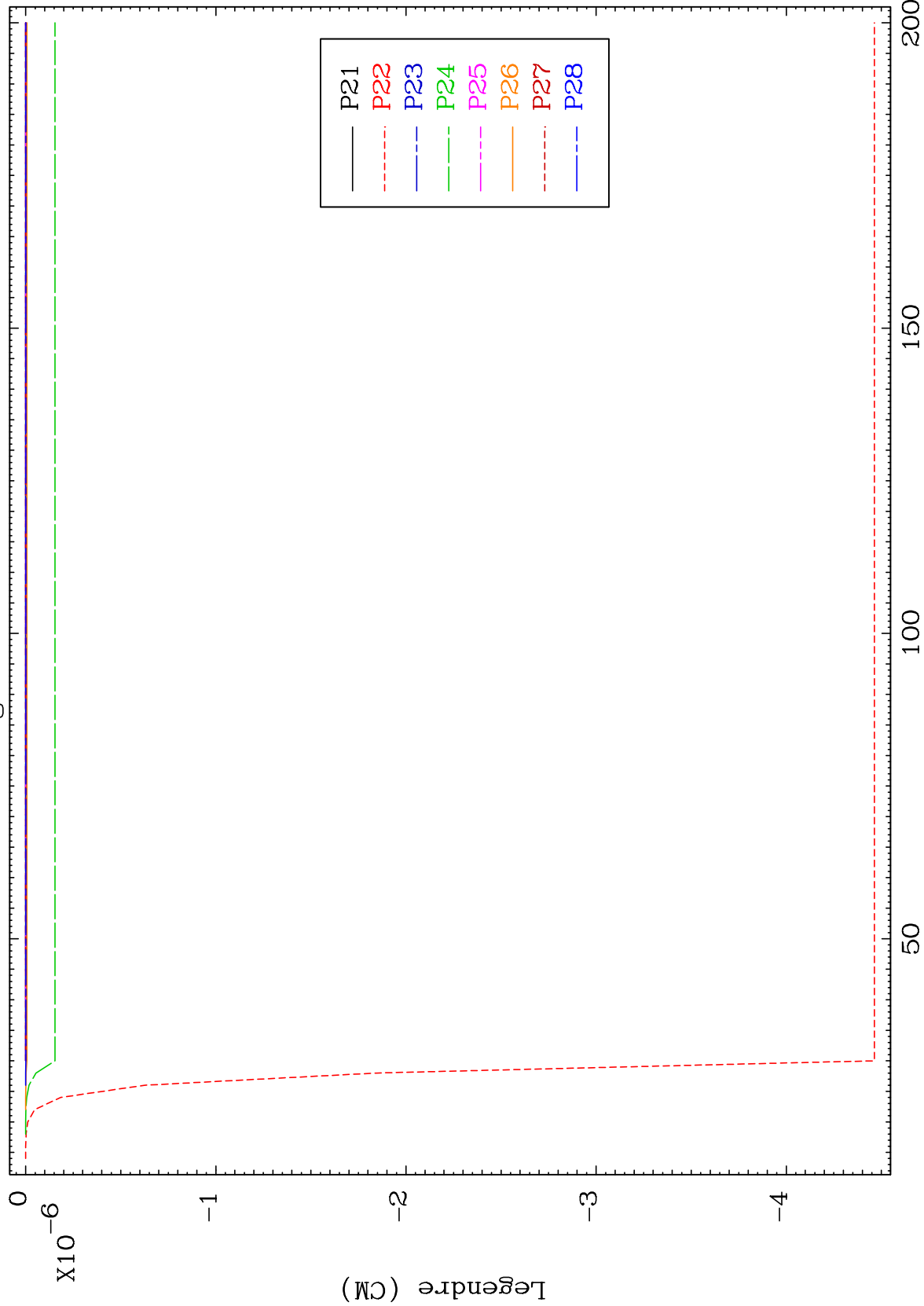
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 63 (n,n') Level
Legendre Coefficients

81-T1-203



68

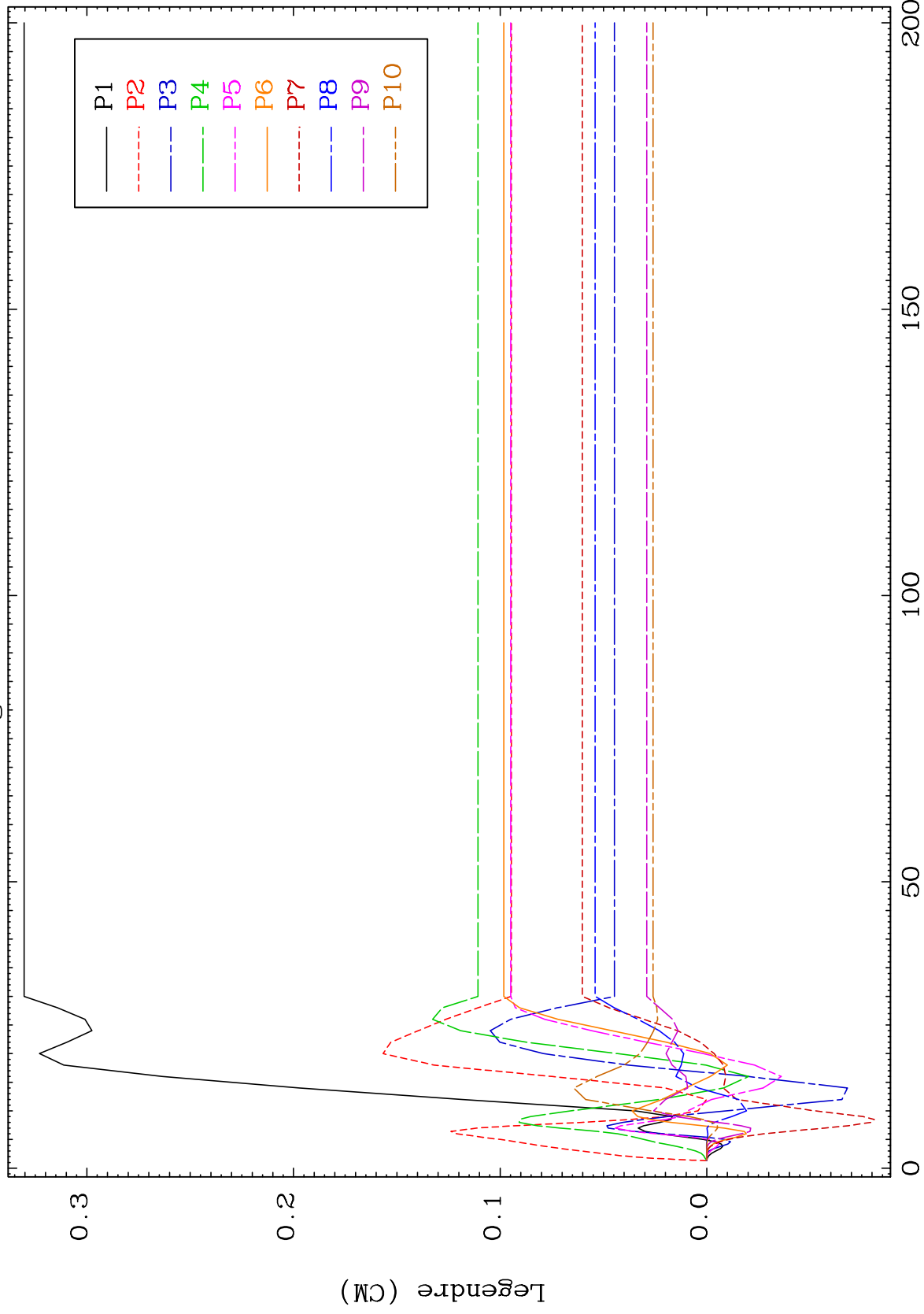
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 64 (n,n') Level
Legendre Coefficients

81-T1-203



69

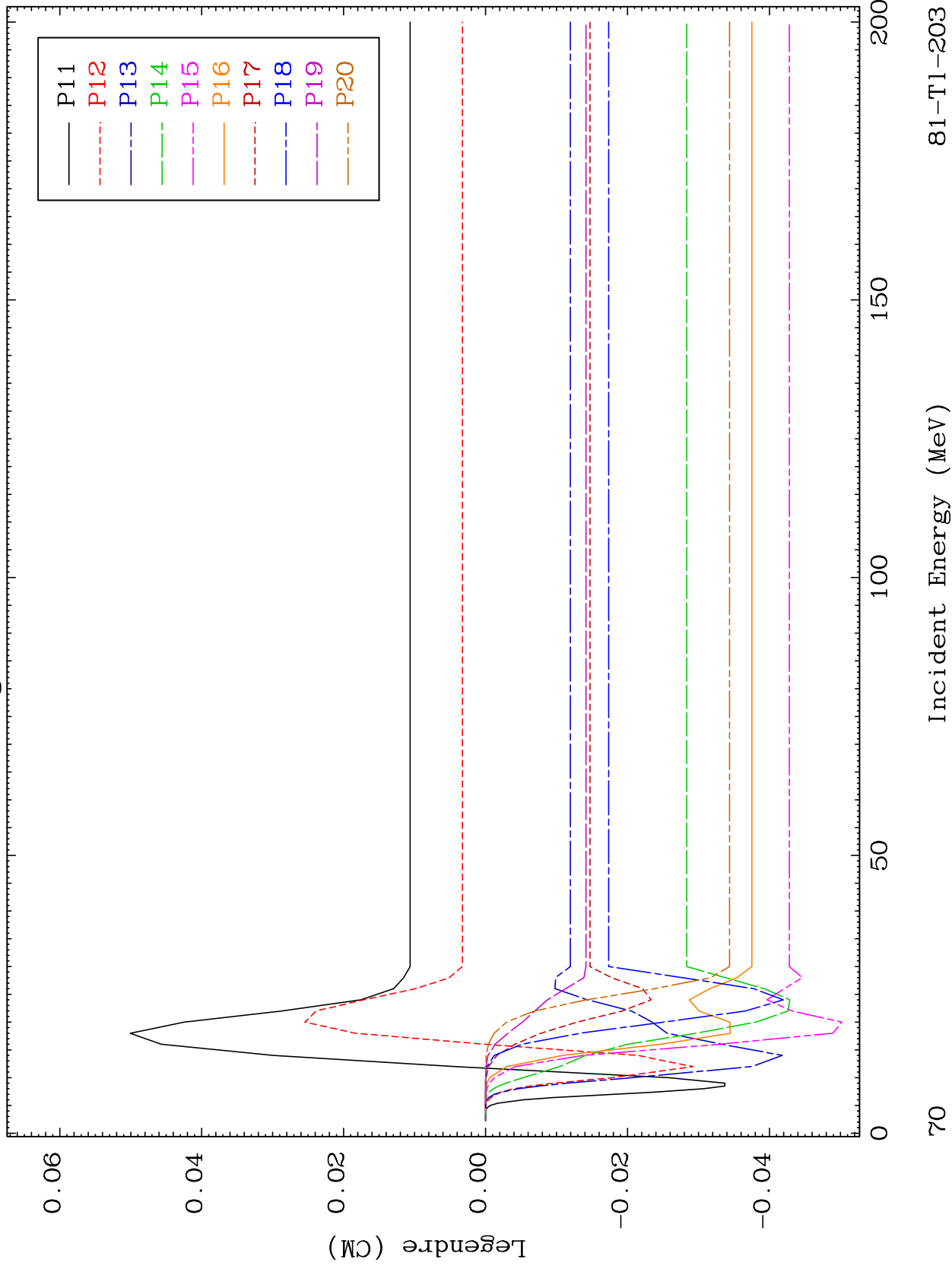
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 64 (n,n') Level
Legendre Coefficients

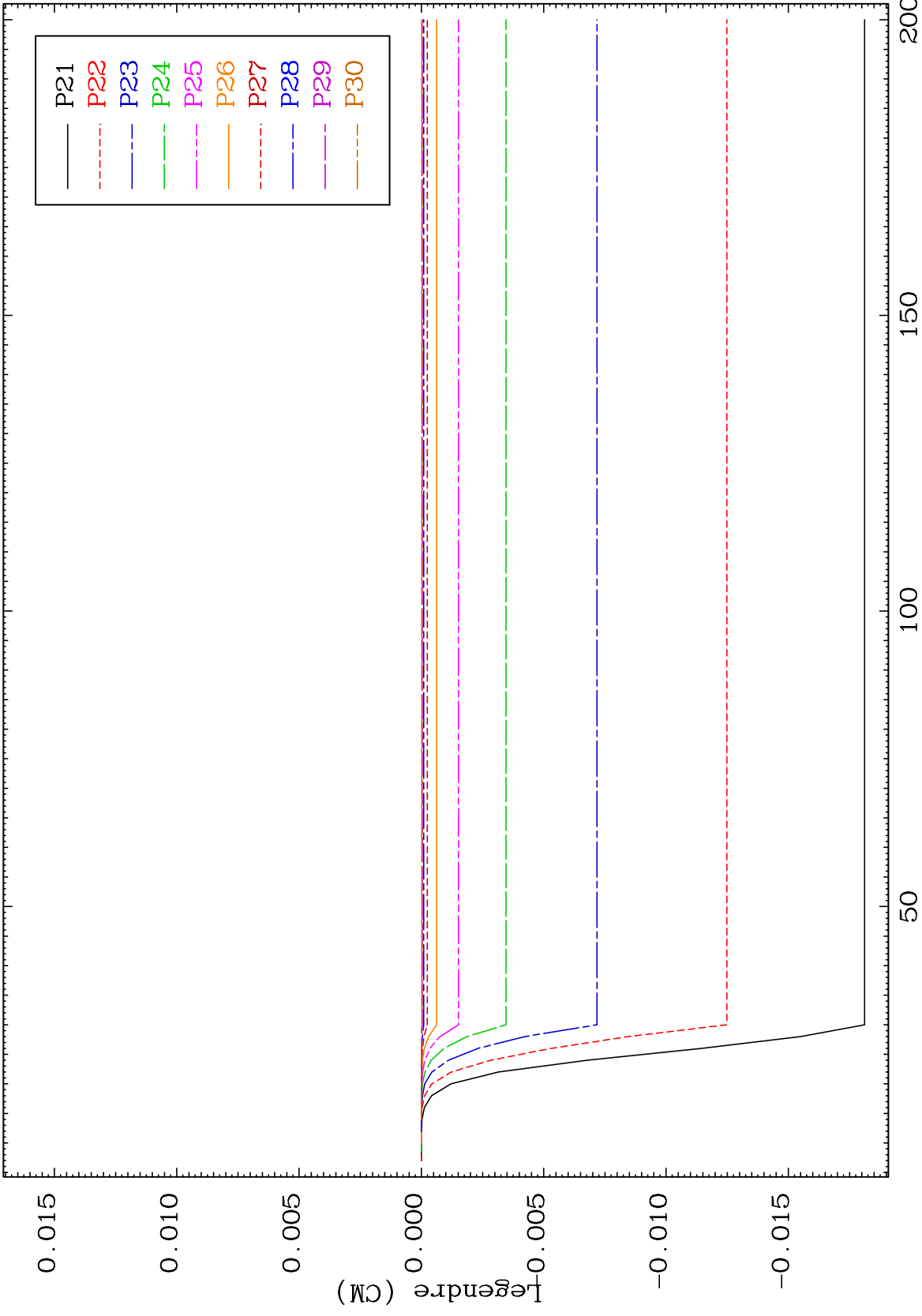
81-T1-203



MAT 8125

MT= 64 (n,n') Level
Legendre Coefficients

81-T1-203



71

Incident Energy (MeV)

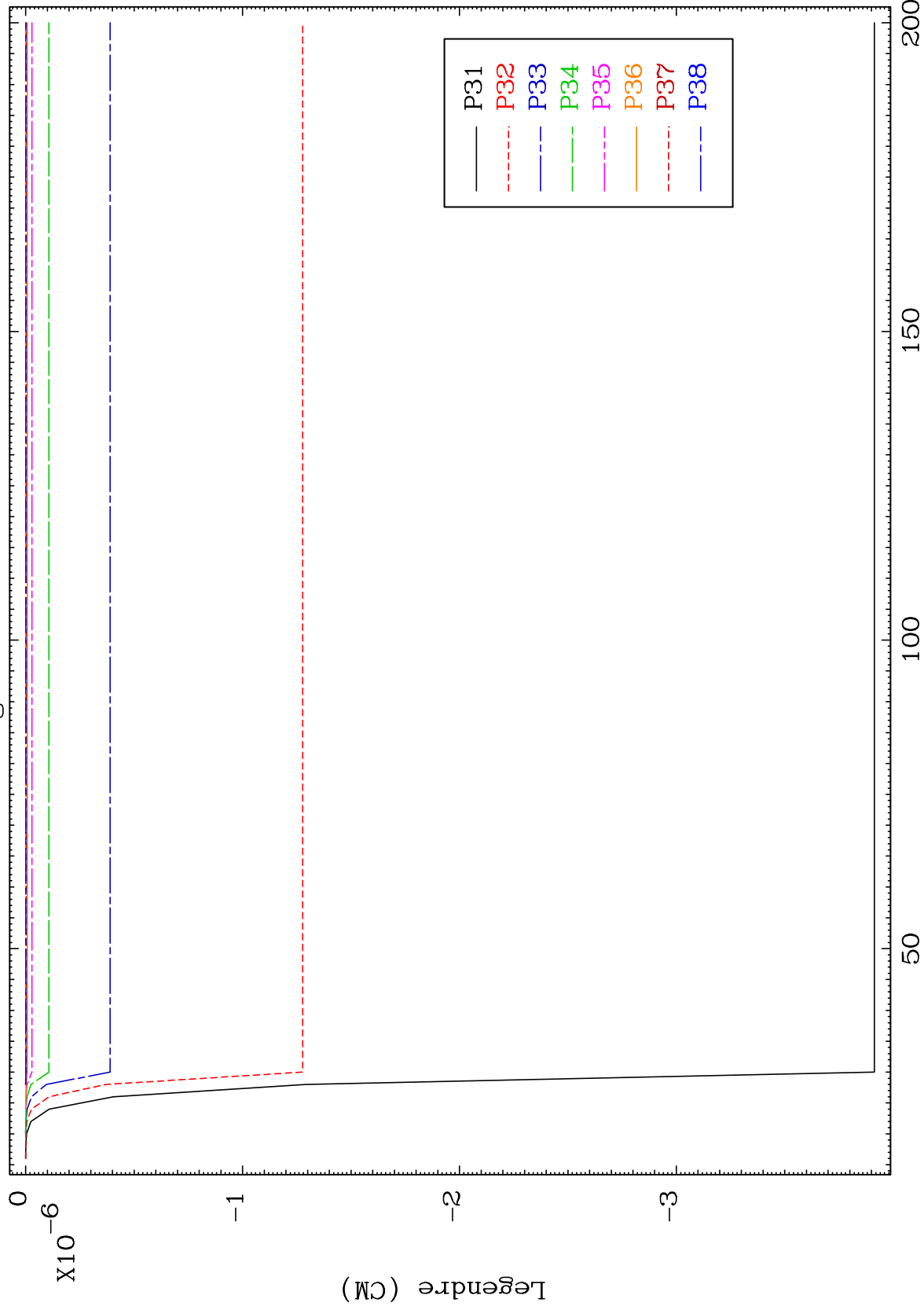
81-T1-203

MAT 8125

MT= 64 (n,n') Level

81-T1-203

Legendre Coefficients



72

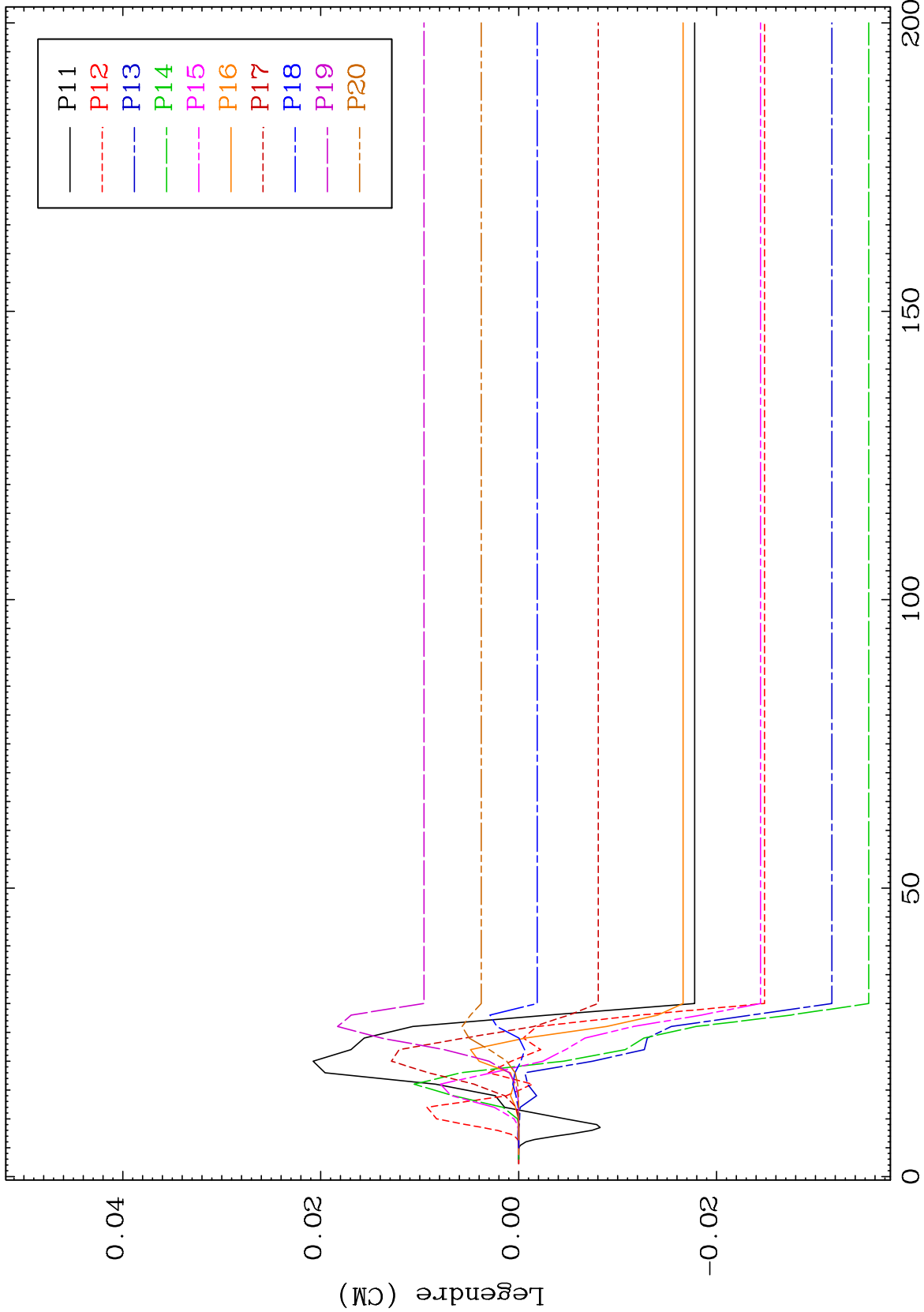
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 65 (n,n') Level
Legendre Coefficients

81-T1-203



74

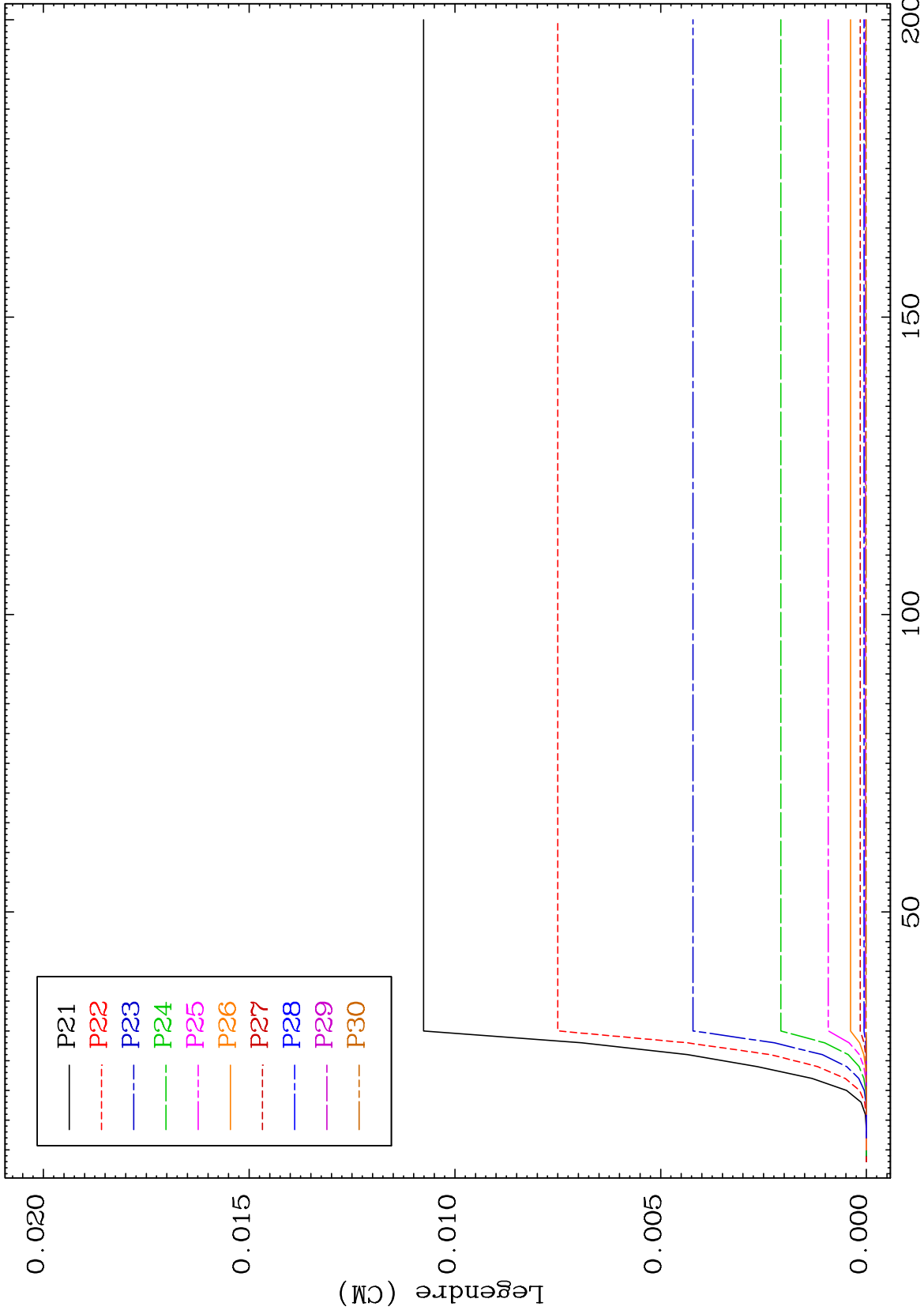
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 65 (n,n') Level
Legendre Coefficients

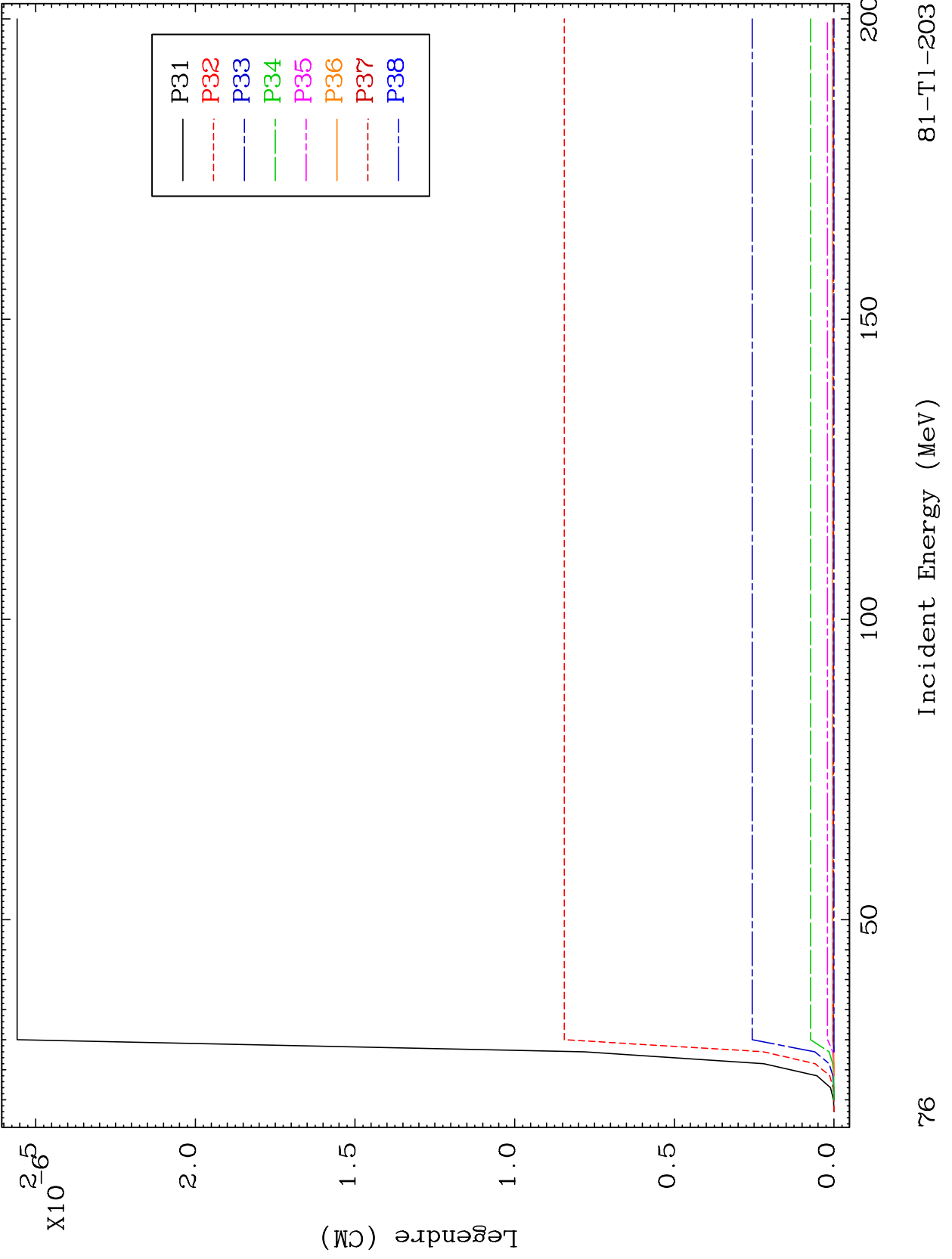
81-T1-203

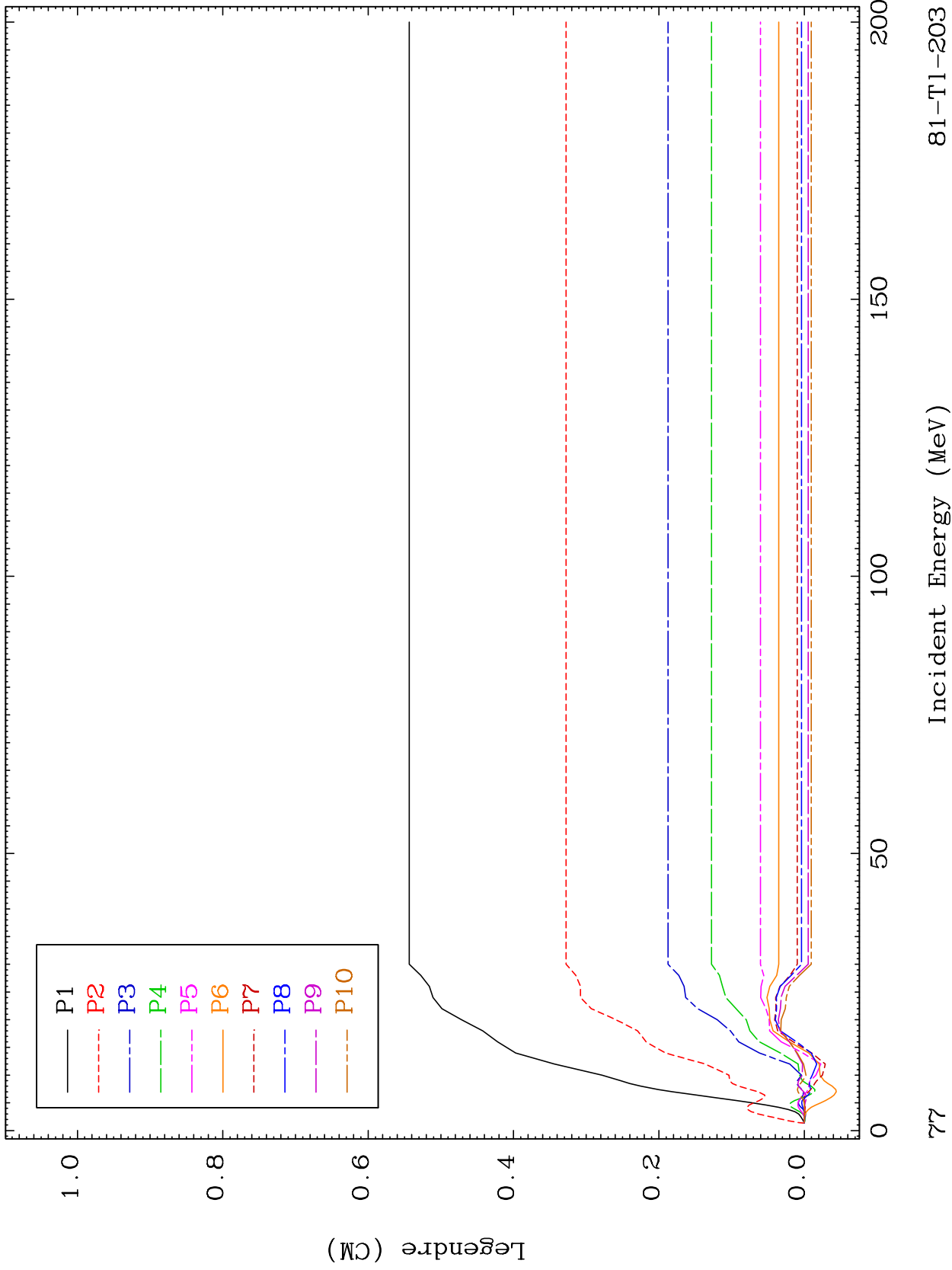


75

Incident Energy (MeV)

81-T1-203

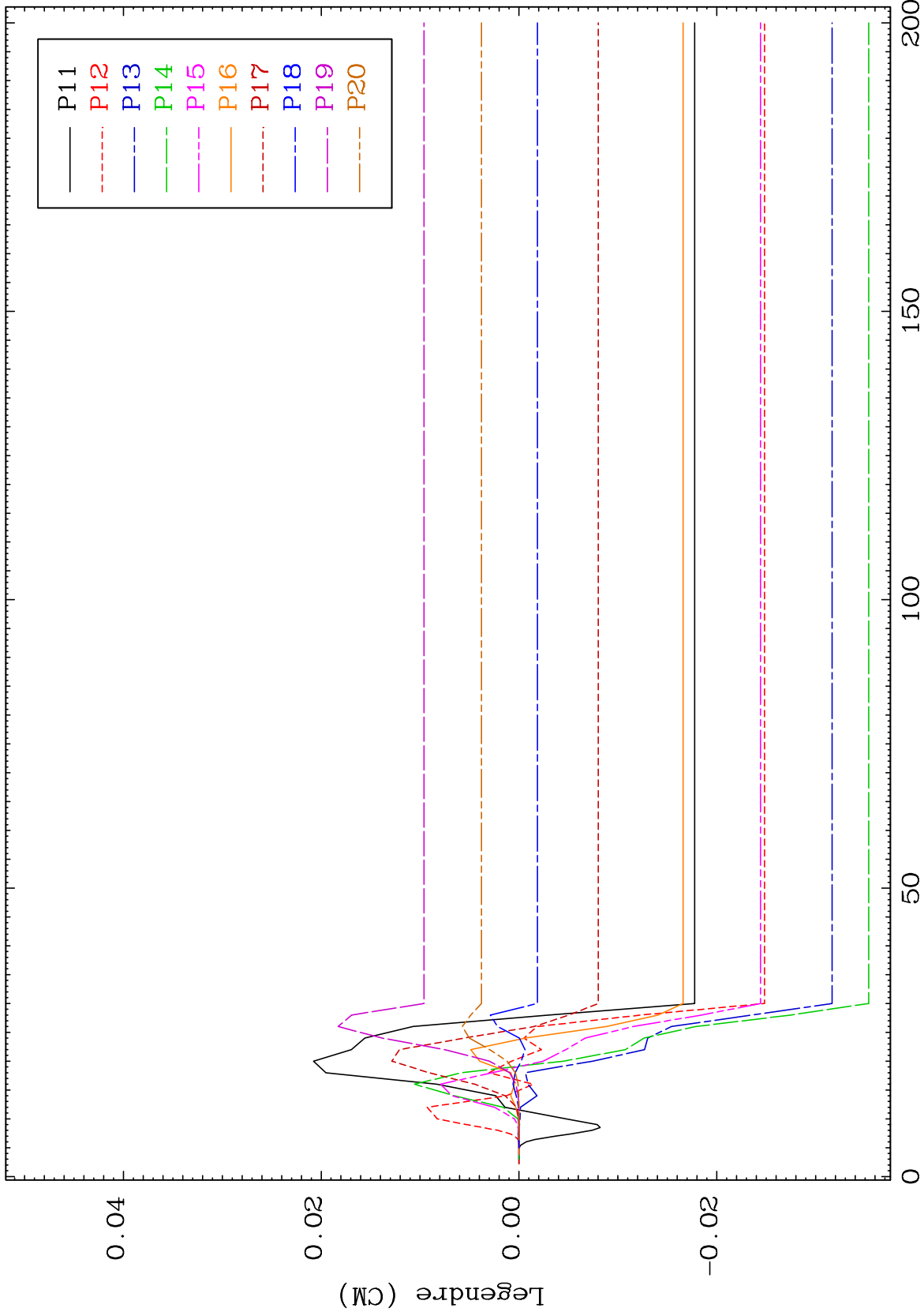




MAT 8125

MT= 66 (n,n') Level
Legendre Coefficients

81-T1-203



78

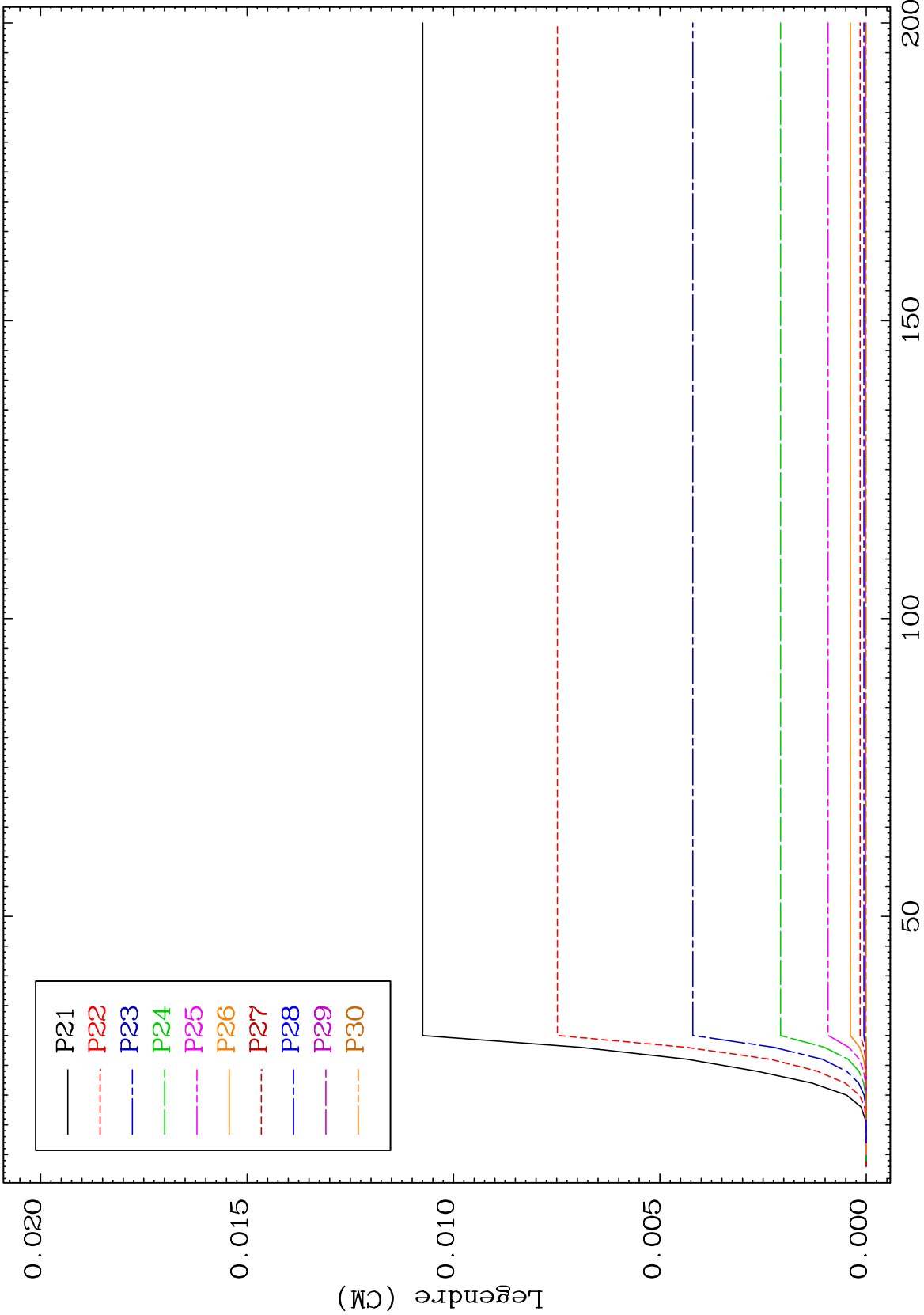
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 66 (n,n') Level
Legendre Coefficients

81-T1-203



79

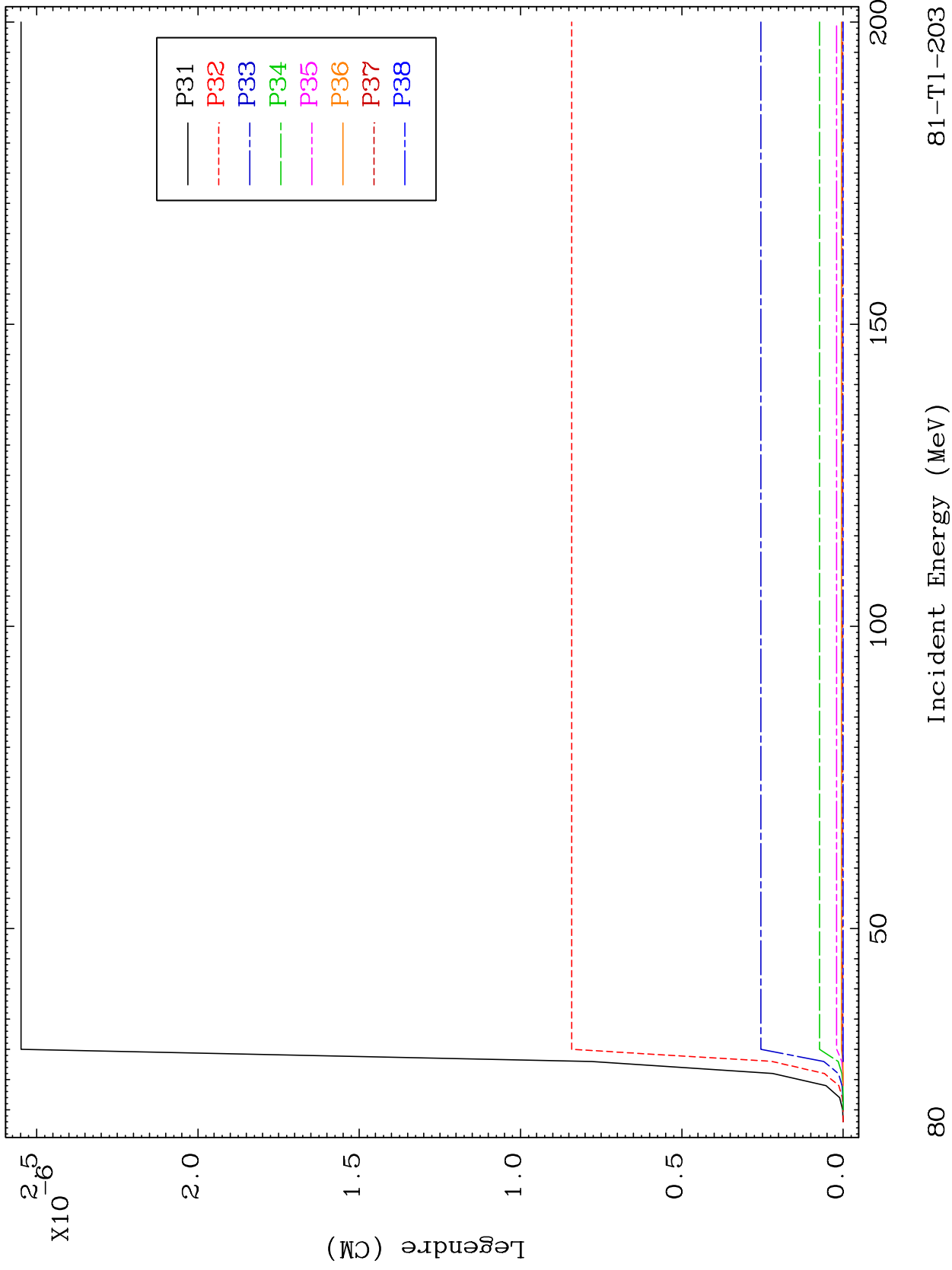
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 66 (n,n') Level
Legendre Coefficients

81-T1-203



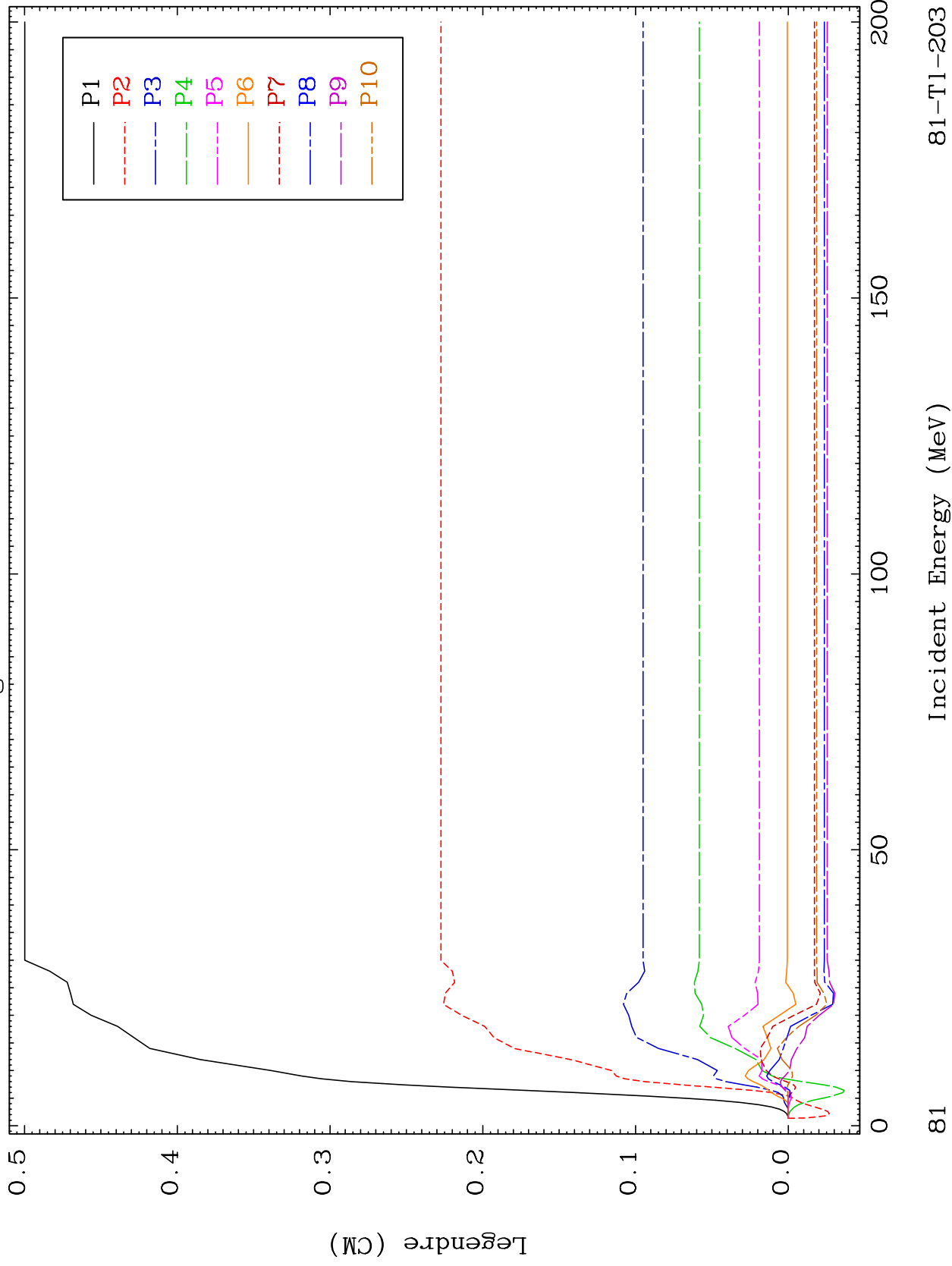
81-T1-203

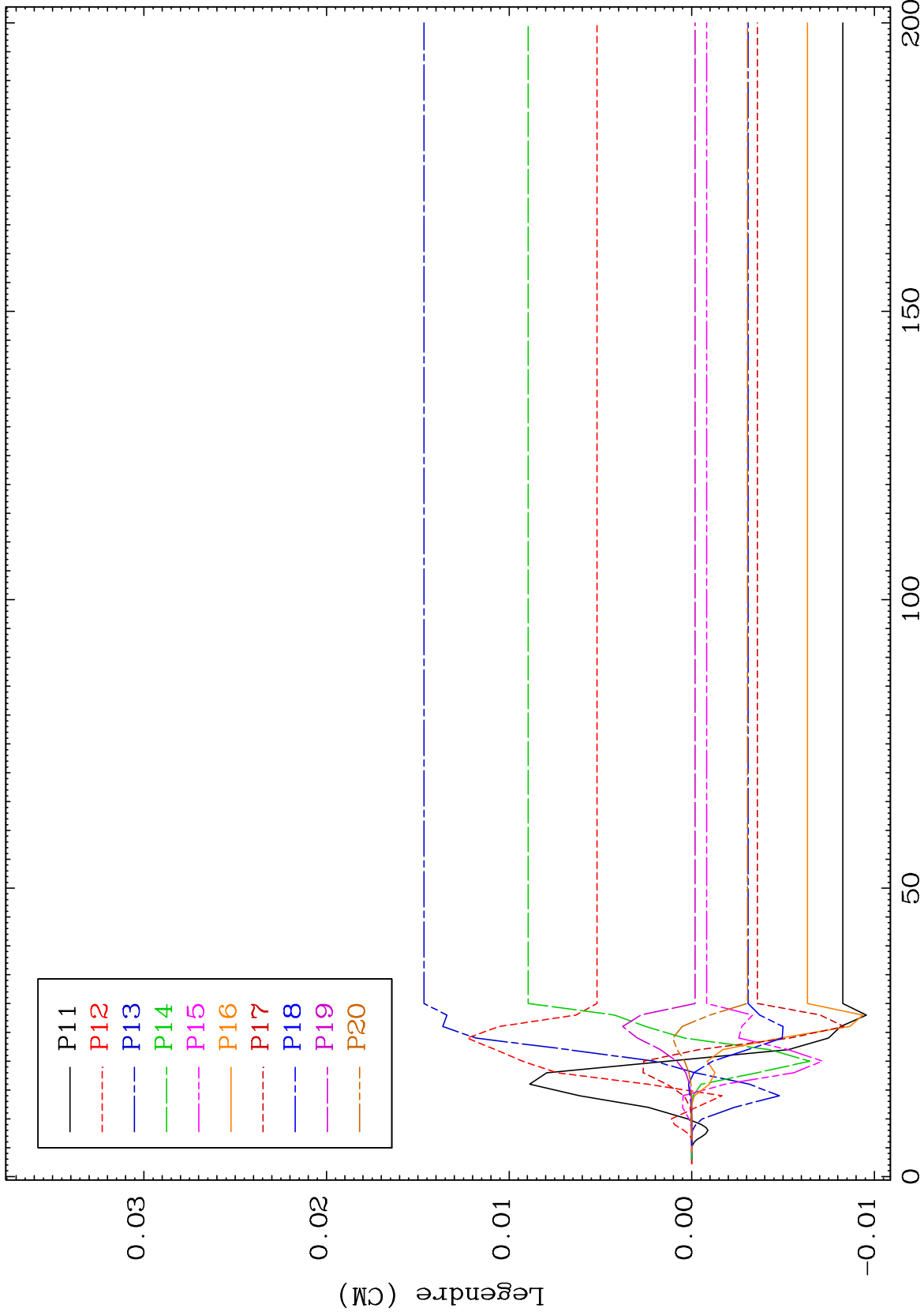
MAT 8125

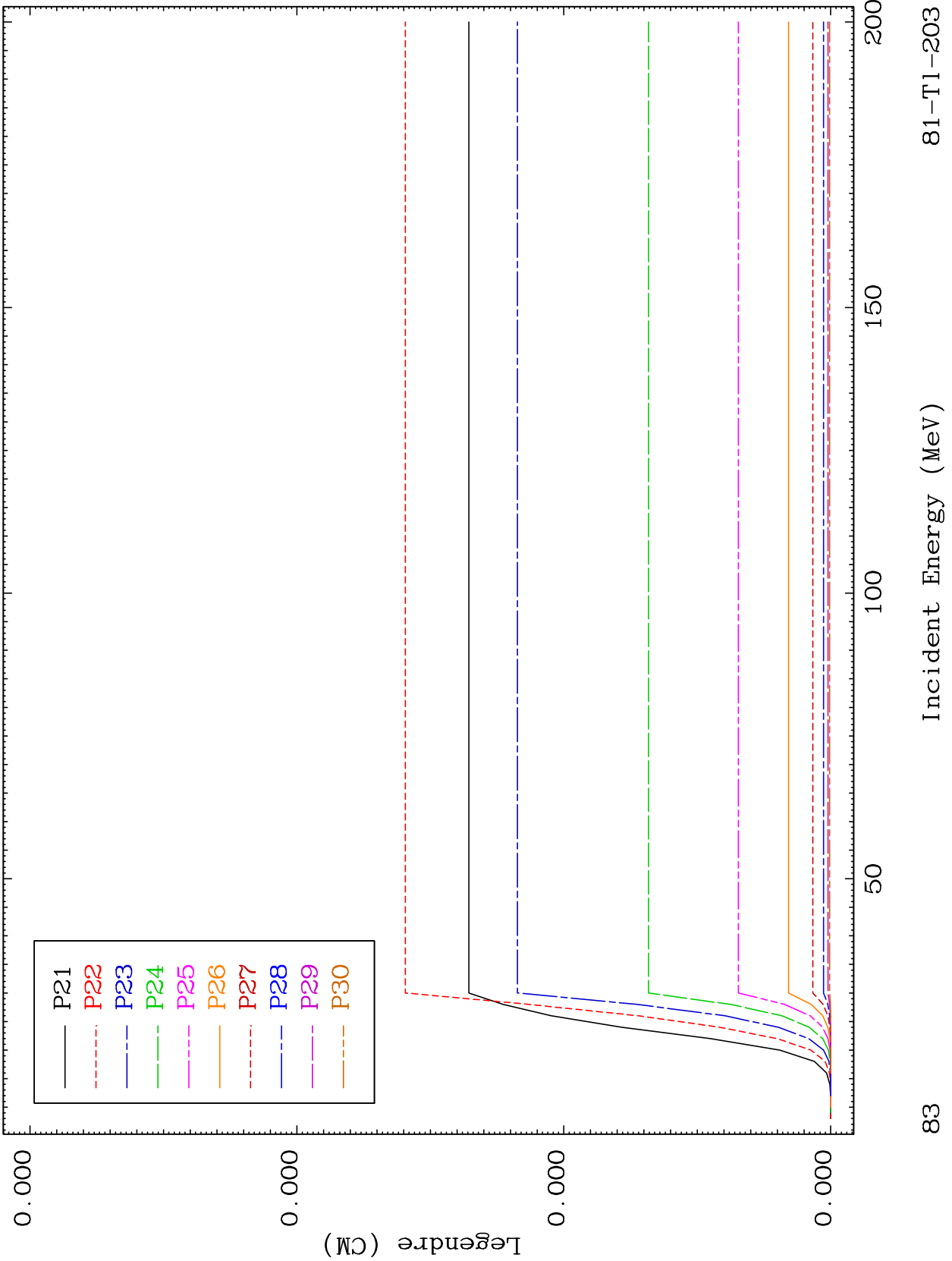
MT= 67 (n,n') Level

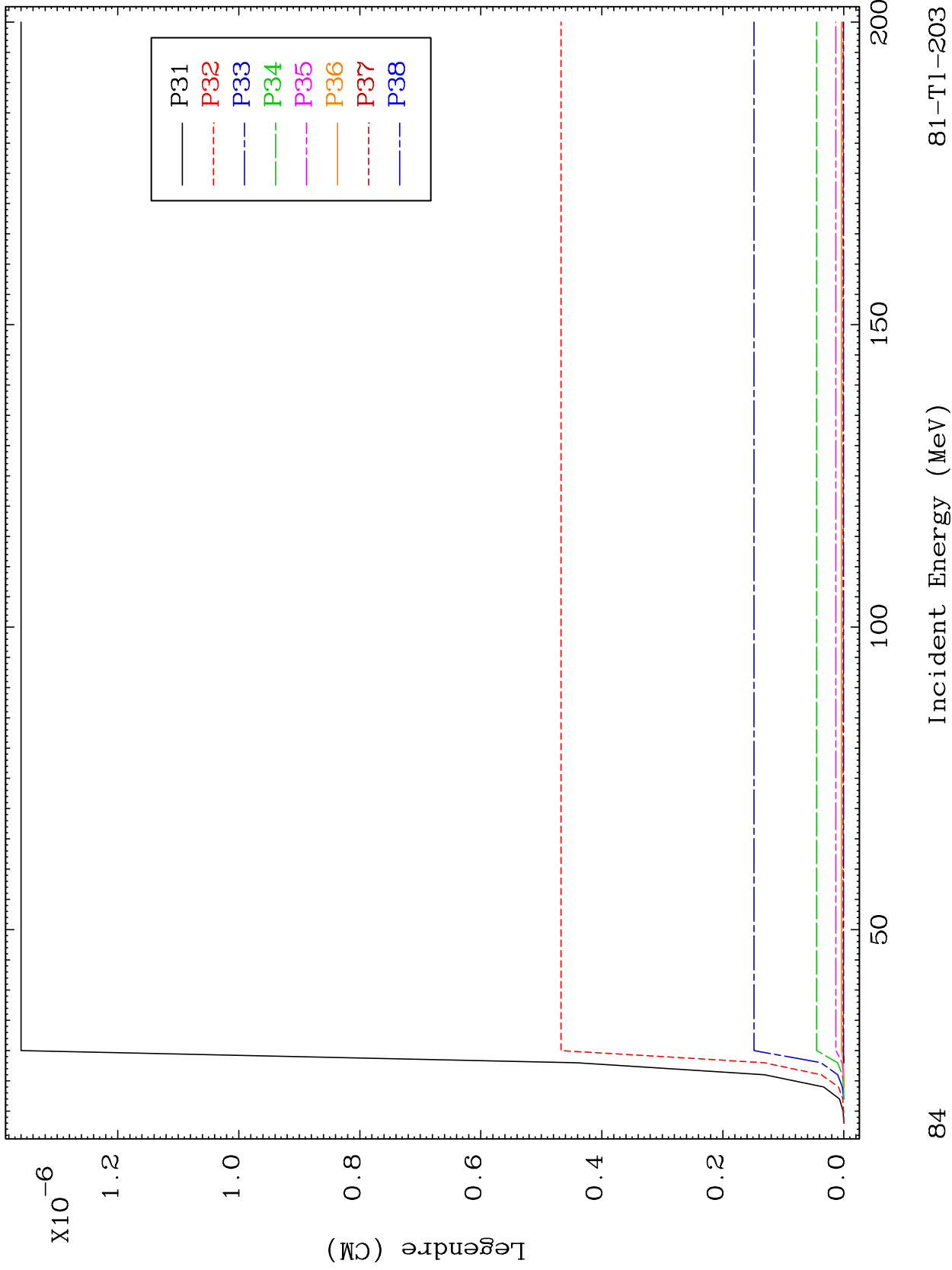
81-T1-203

Legendre Coefficients





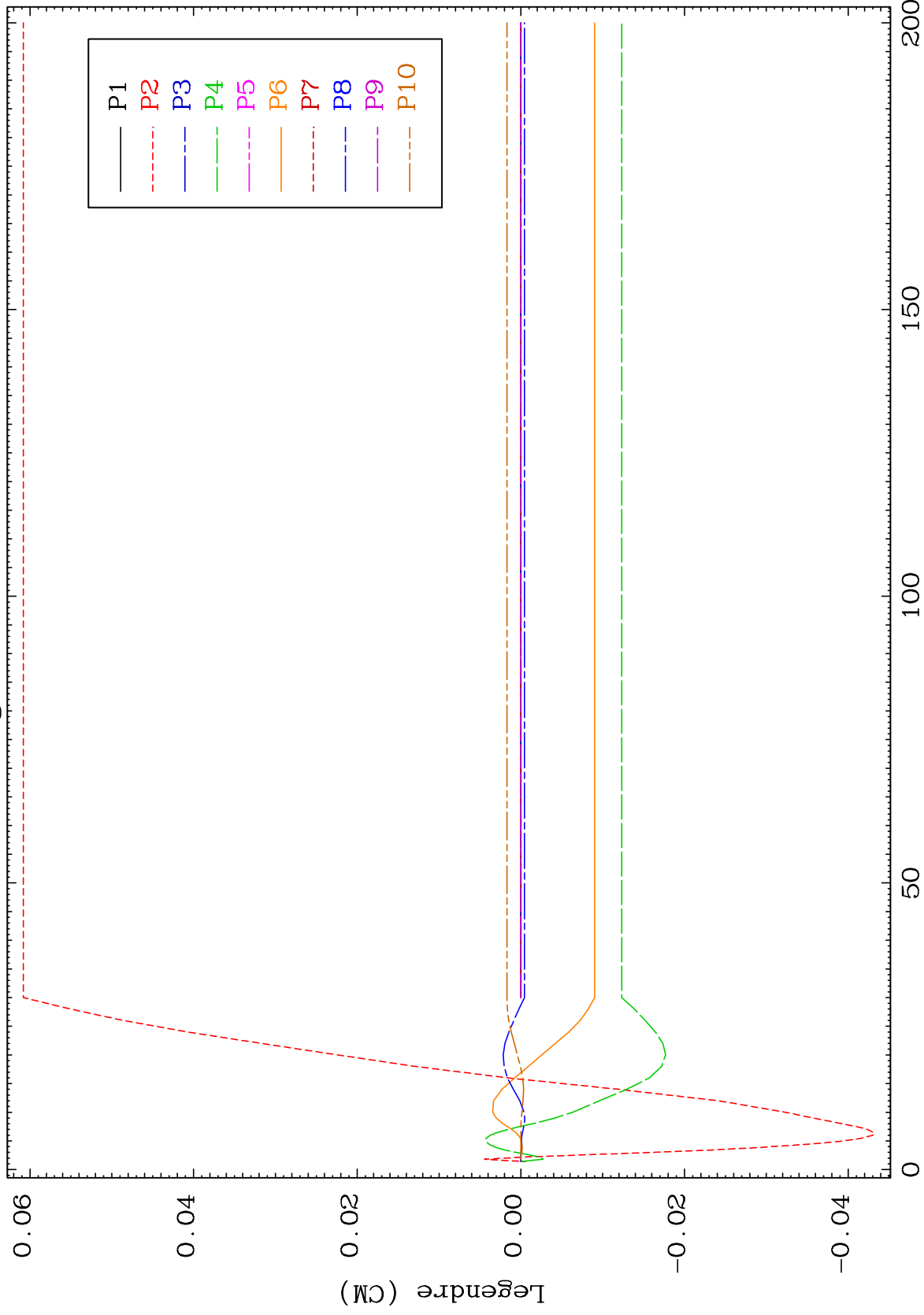




MAT 8125

MT= 68 (n,n') Level
Legendre Coefficients

81-T1-203



85

Incident Energy (MeV)

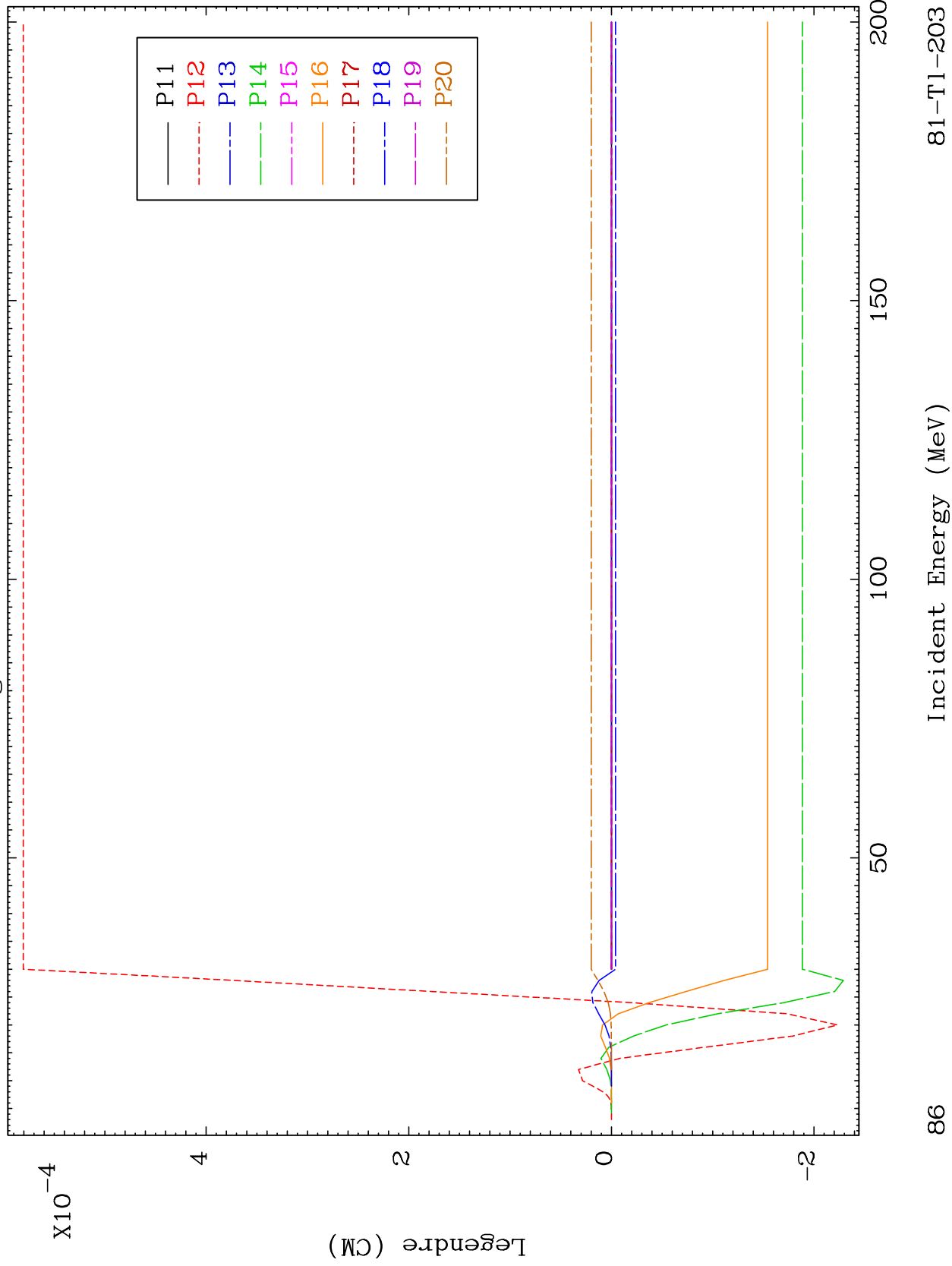
81-T1-203

MAT 8125

MT= 68 (n,n') Level

81-T1-203

Legendre Coefficients



86

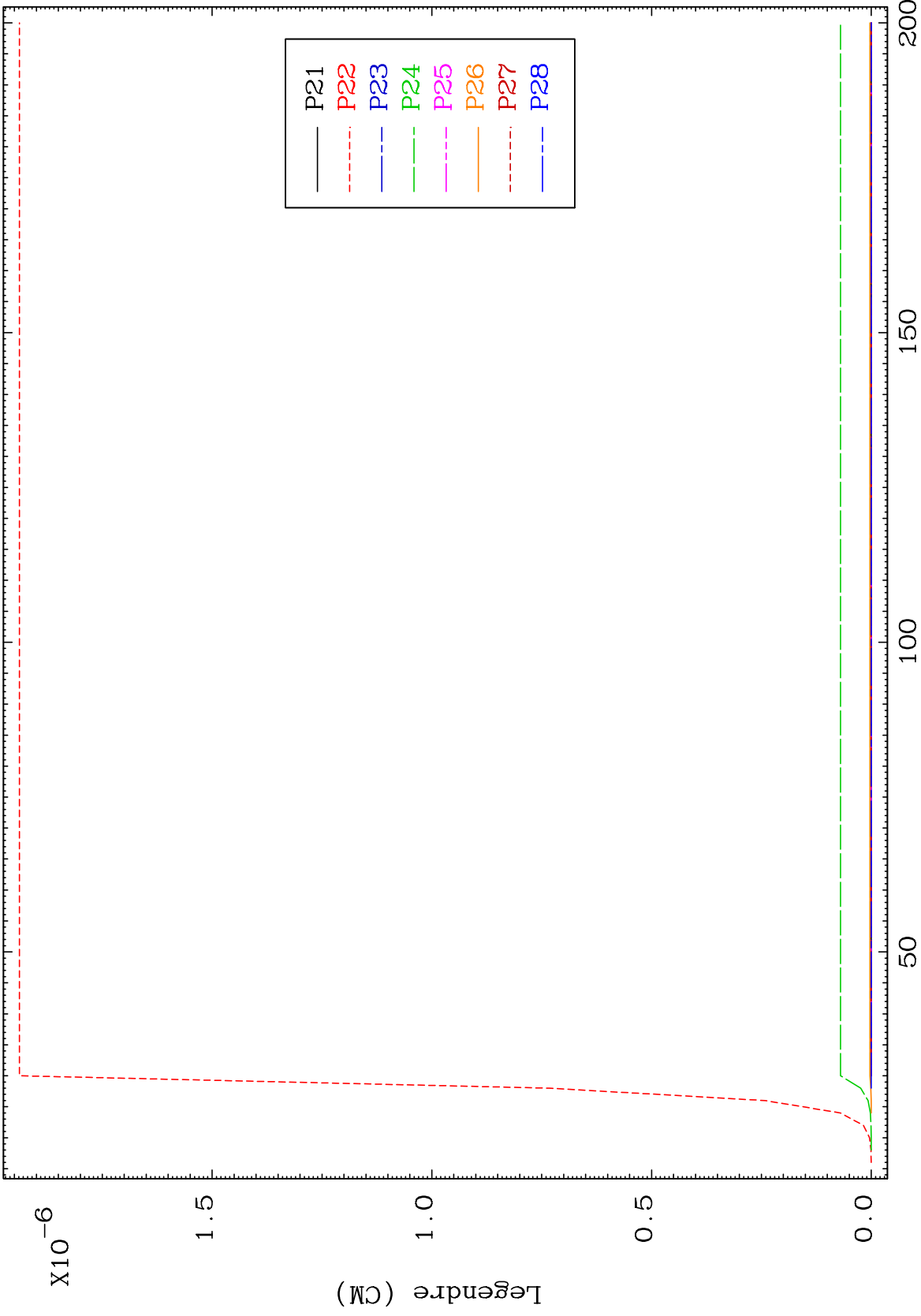
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 68 (n,n') Level
Legendre Coefficients

81-T1-203



87

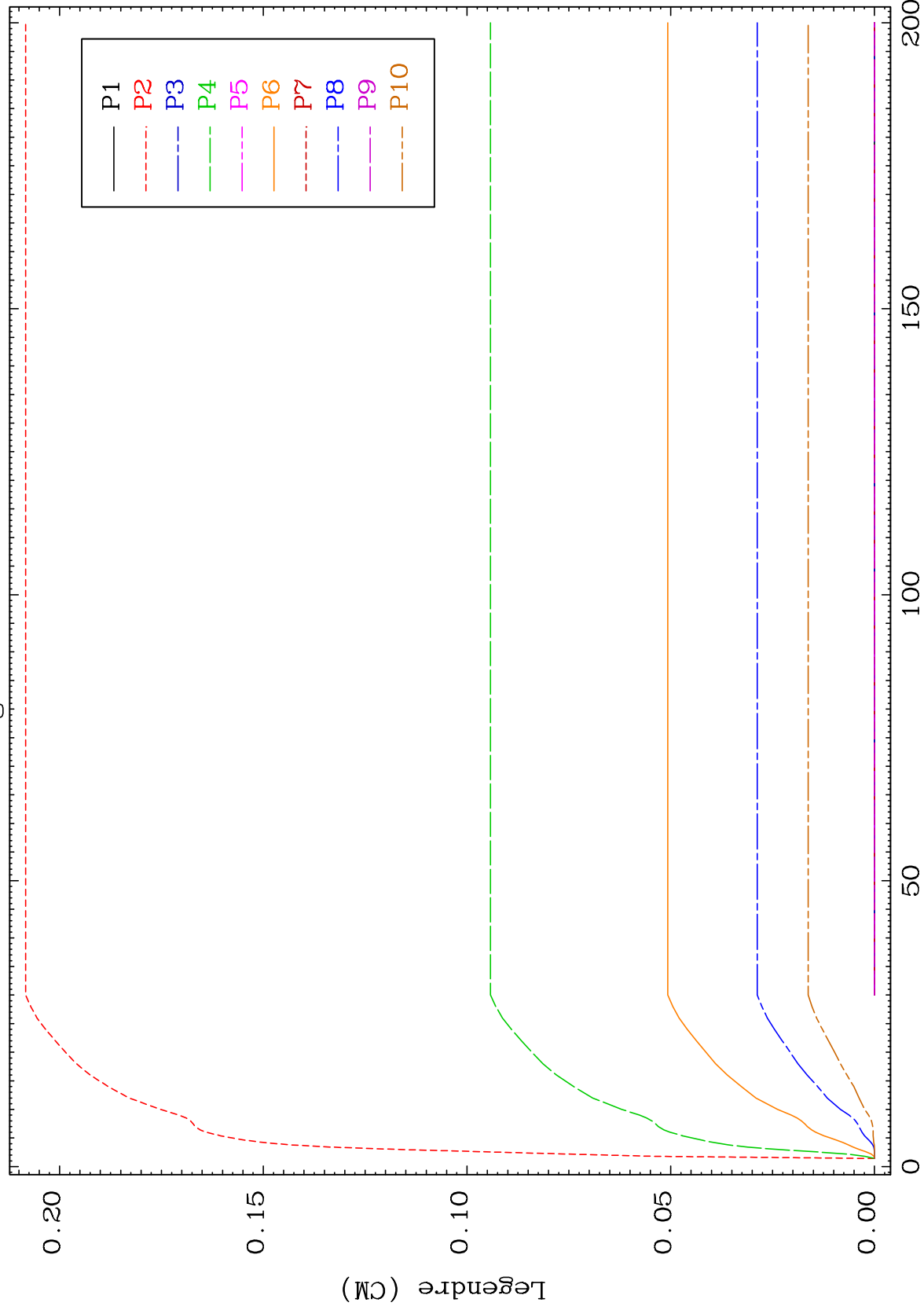
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 69 (n,n') Level
Legendre Coefficients

81-T1-203



88

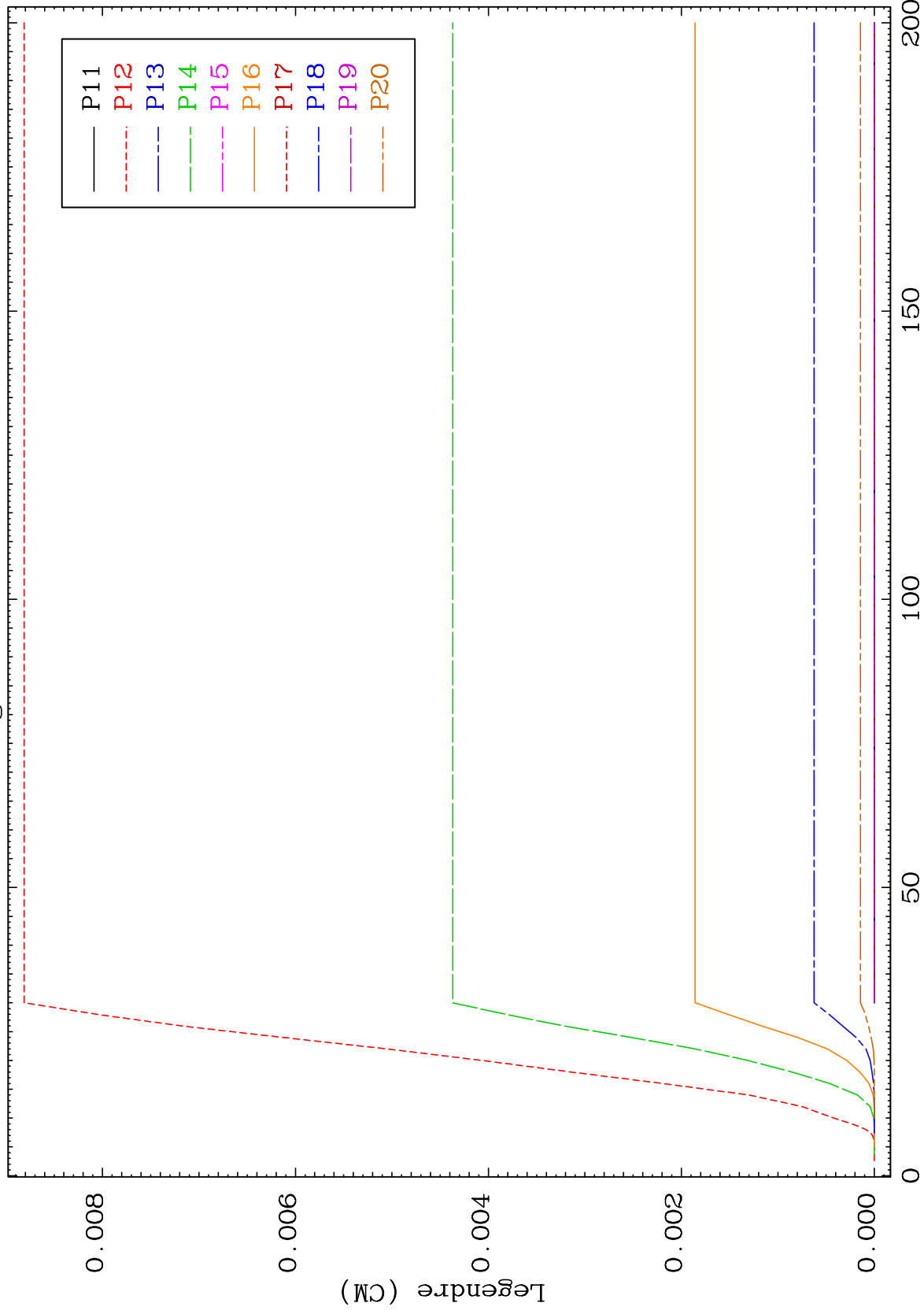
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 69 (n,n') Level
Legendre Coefficients

81-T1-203



89

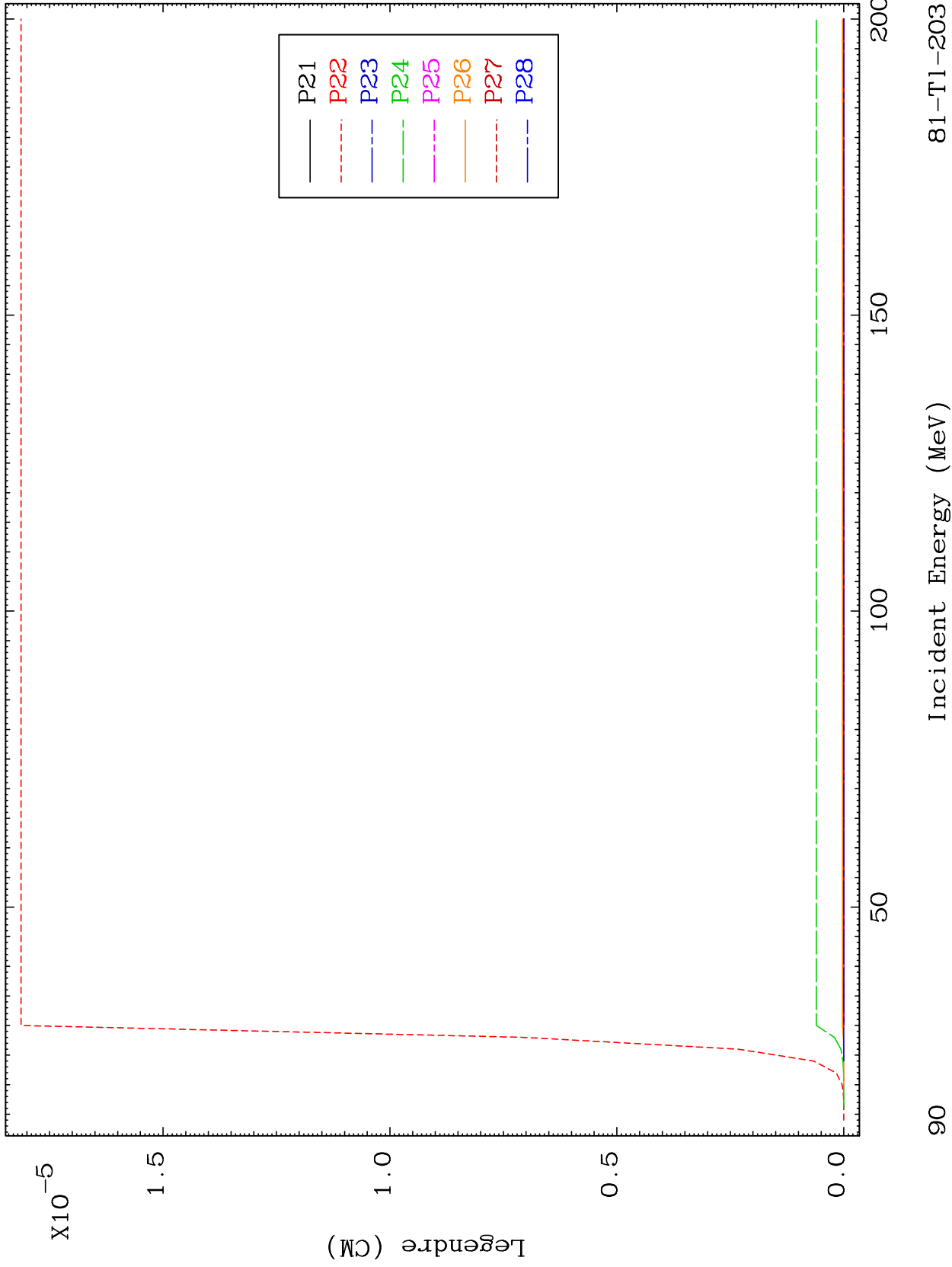
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 69 (n,n') Level
Legendre Coefficients

81-T1-203

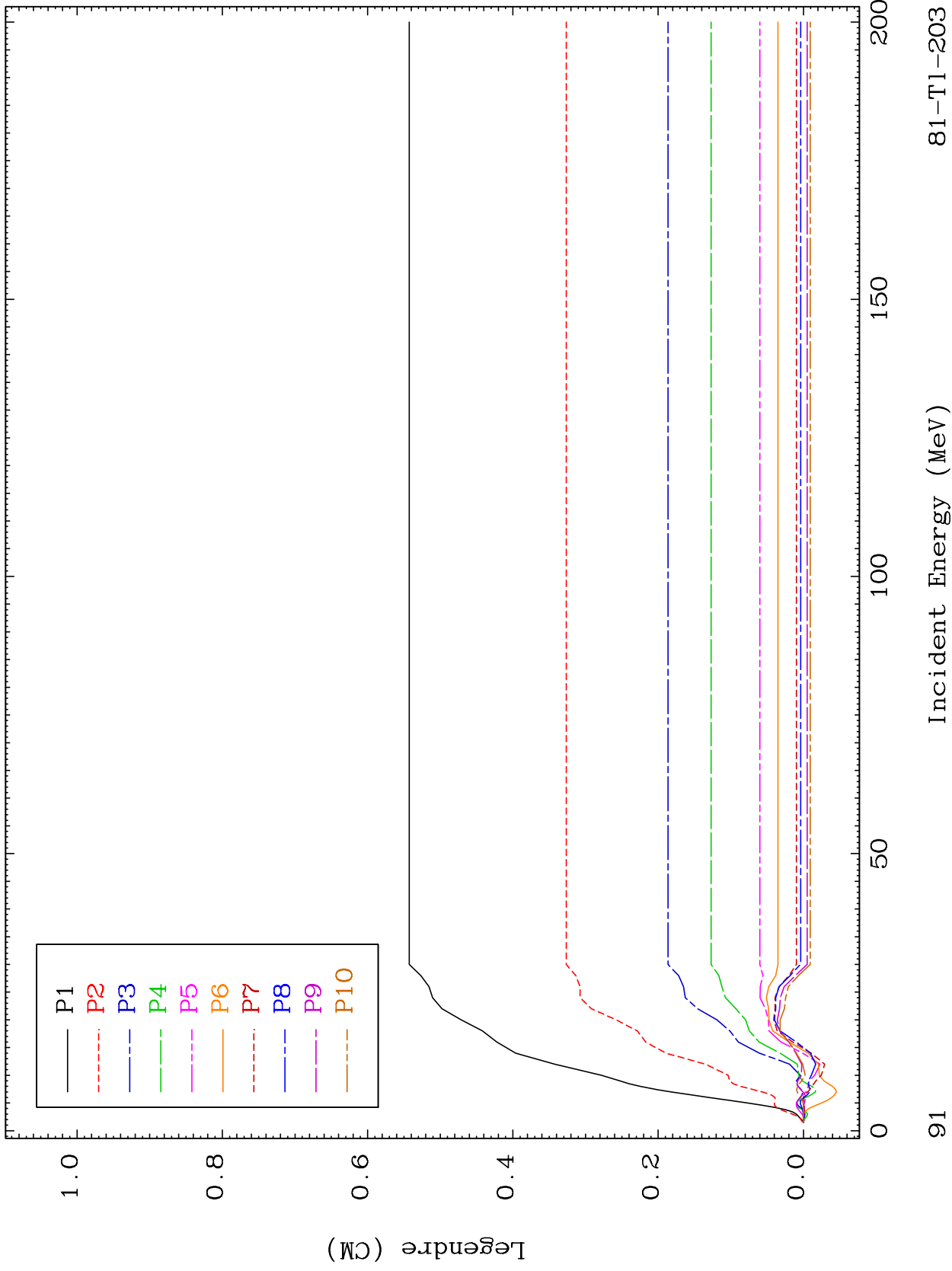


81-T1-203

MAT 8125

MT= 70 (n,n') Level
Legendre Coefficients

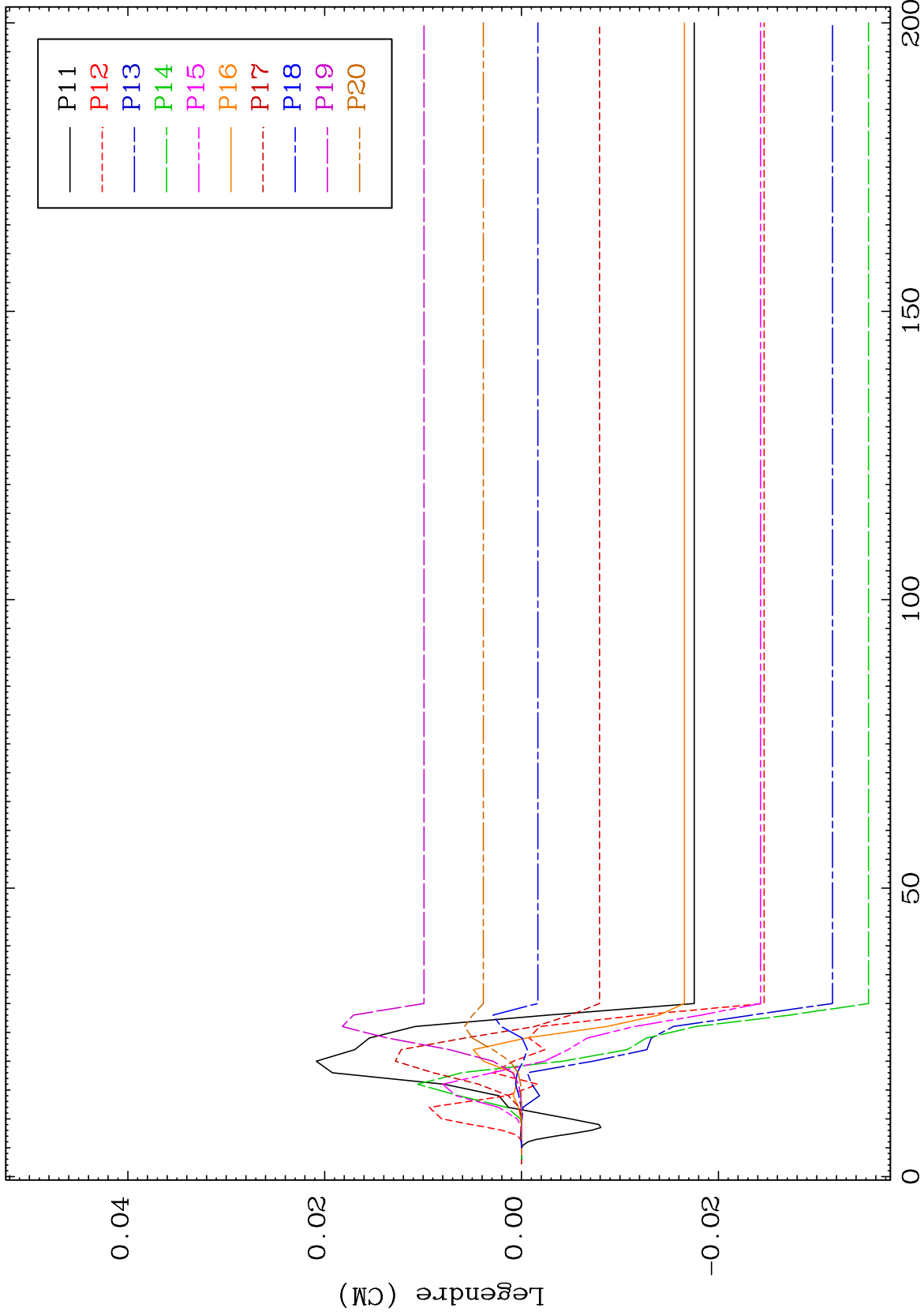
81-T1-203



MAT 8125

MT= 70 (n,n') Level
Legendre Coefficients

81-T1-203



92

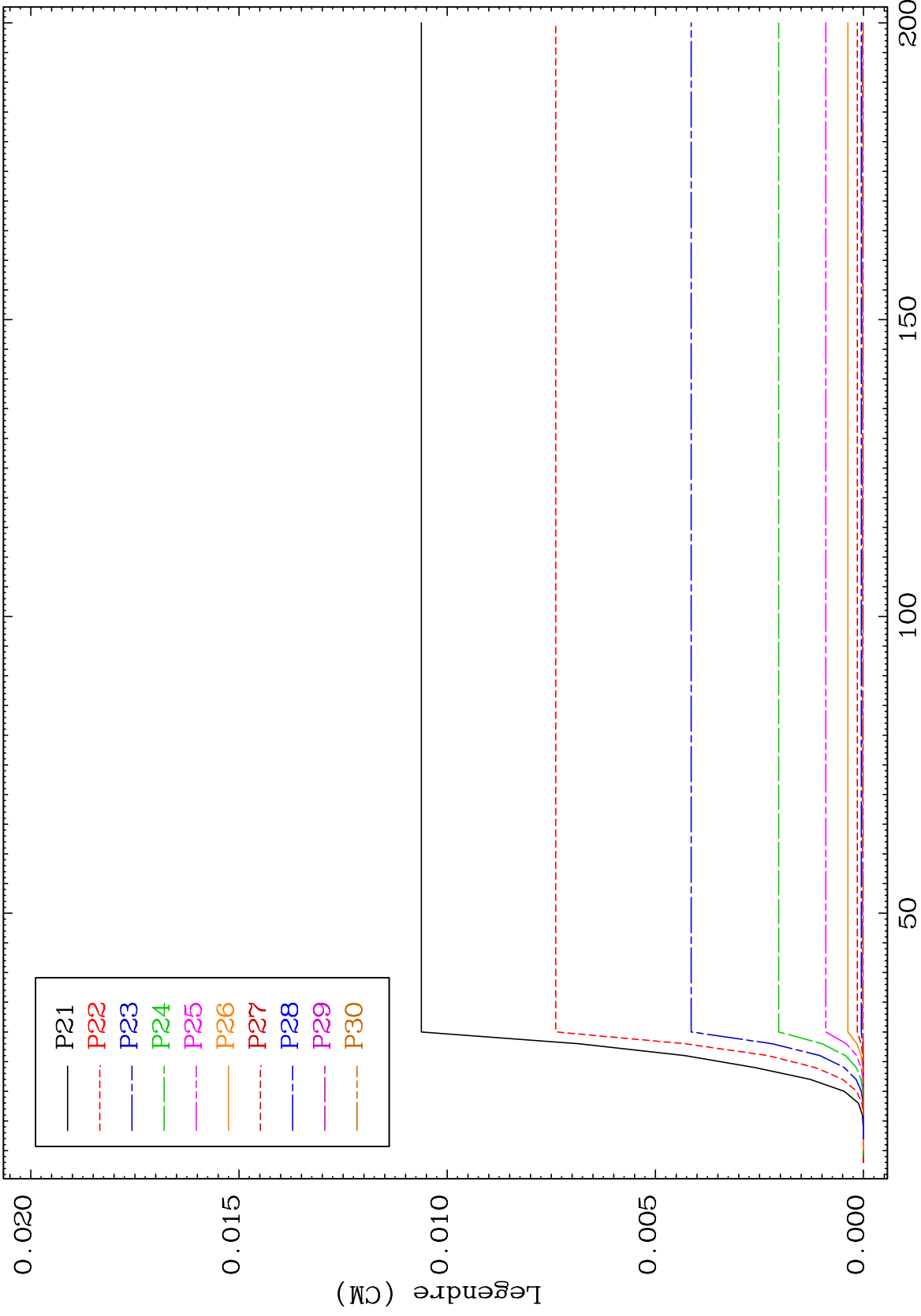
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 70 (n,n') Level
Legendre Coefficients

81-T1-203



93

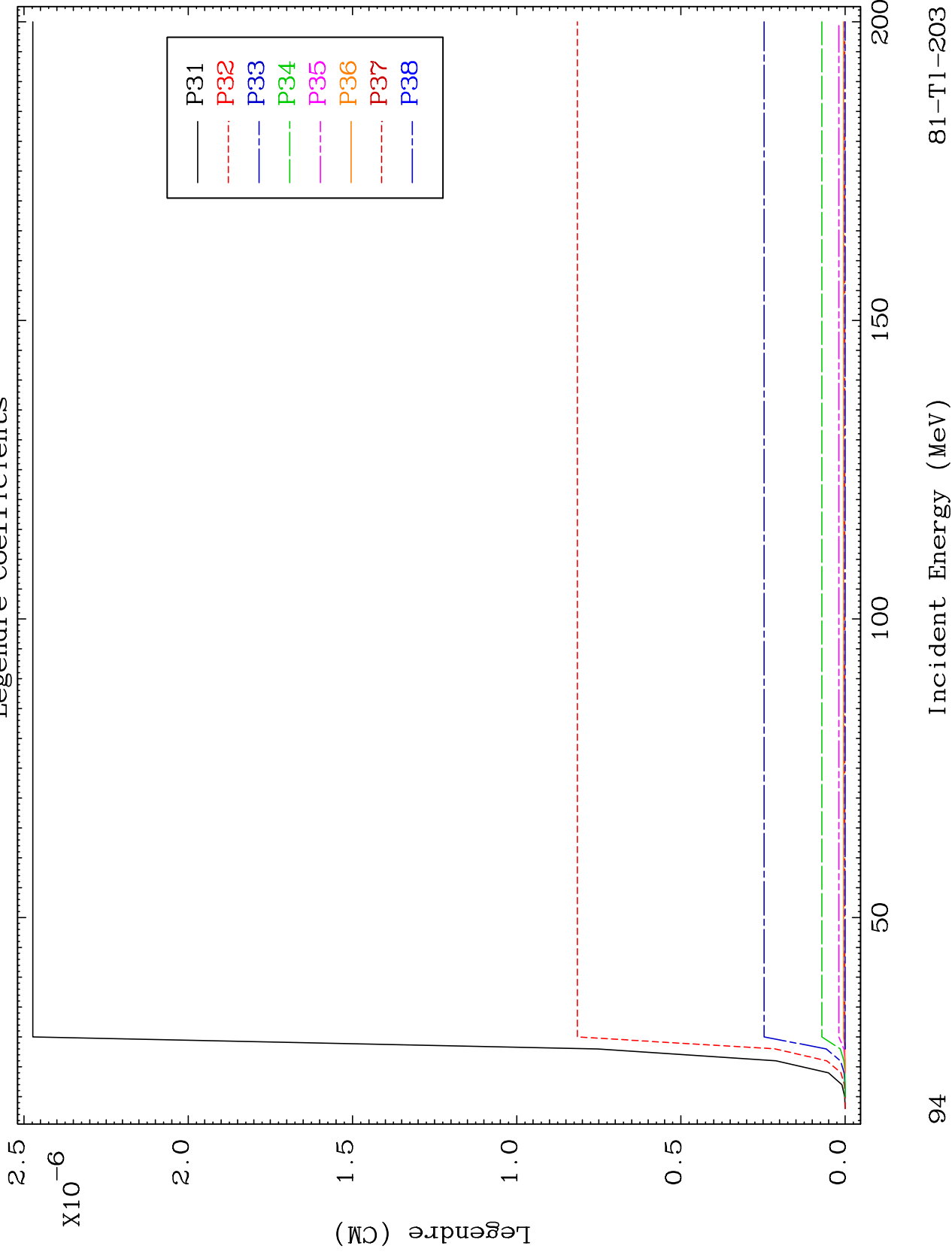
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 70 (n,n') Level
Legendre Coefficients

81-T1-203



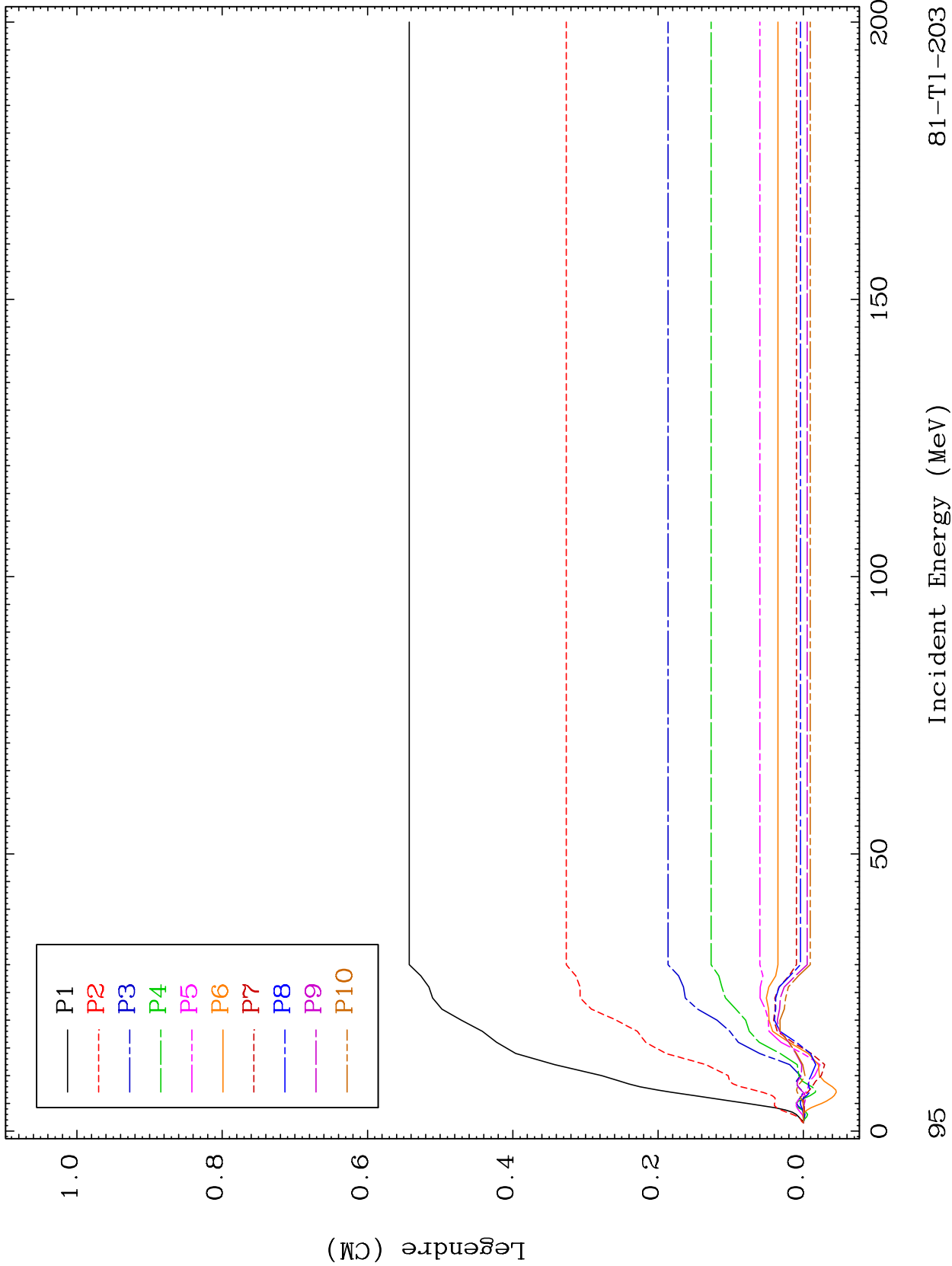
94

81-T1-203

MAT 8125

MT= 71 (n,n') Level
Legendre Coefficients

81-T1-203



81-T1-203

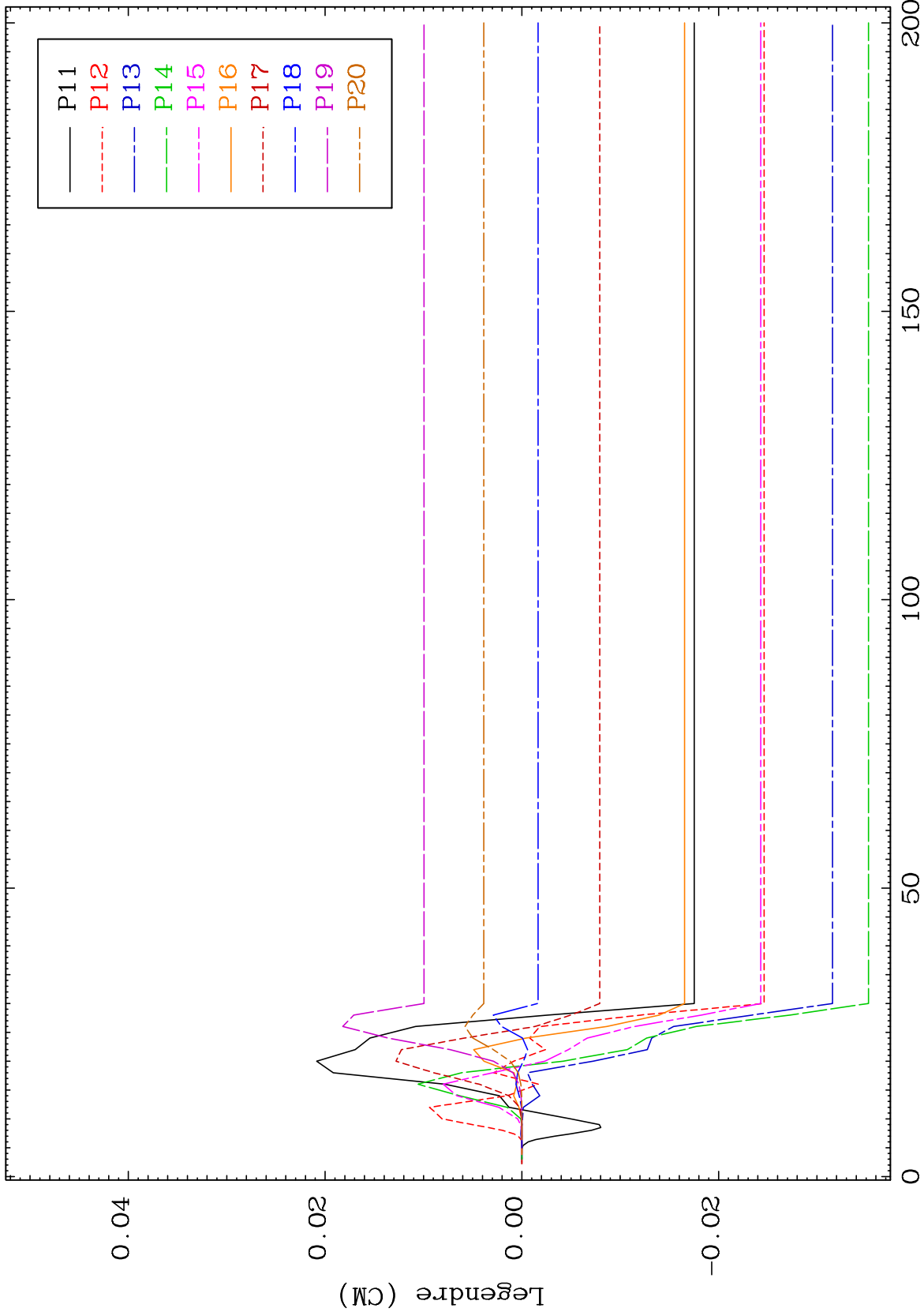
Incident Energy (MeV)

95

MAT 8125

MT= 71 (n,n') Level
Legendre Coefficients

81-T1-203



96

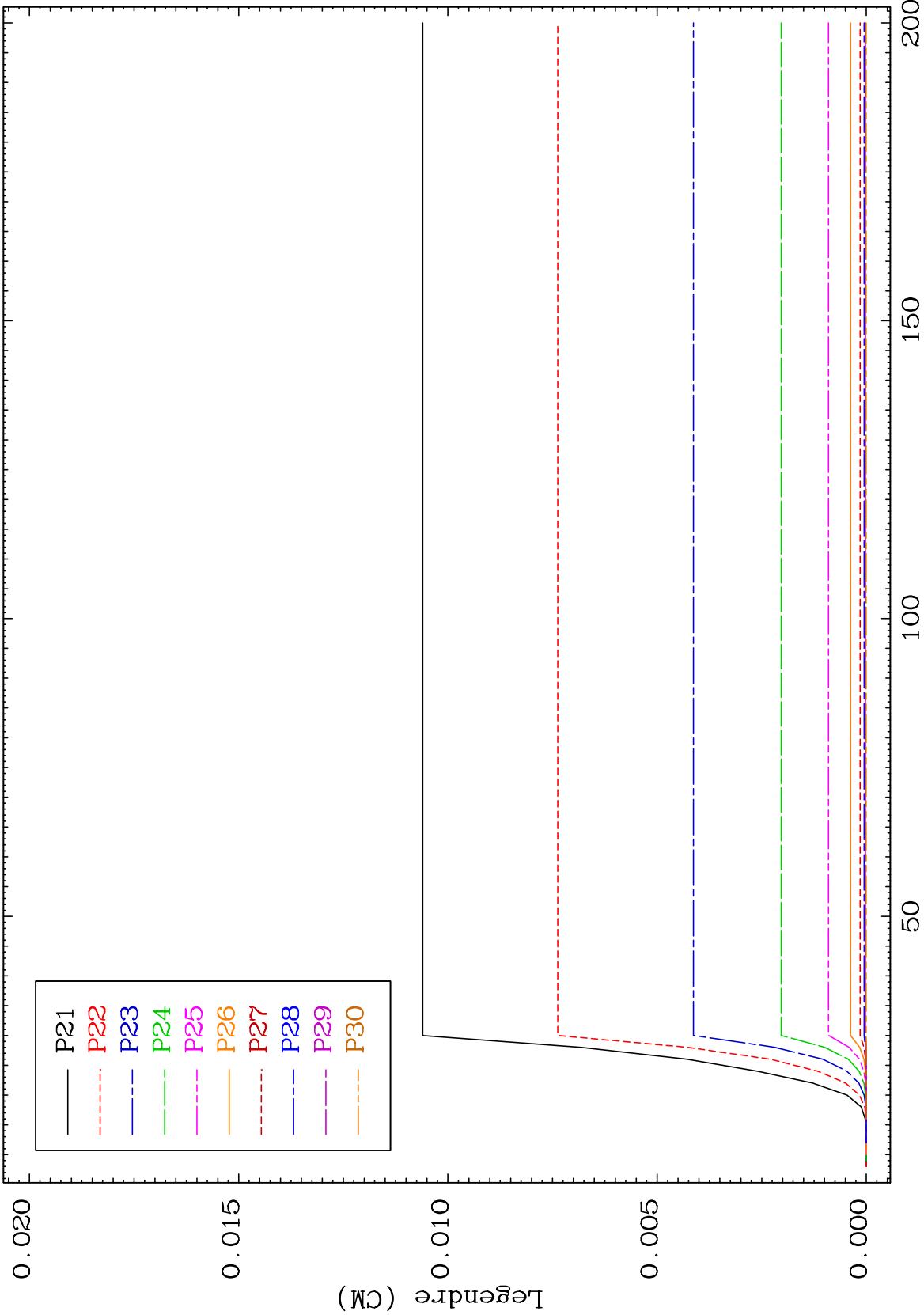
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 71 (n,n') Level
Legendre Coefficients

81-T1-203



97

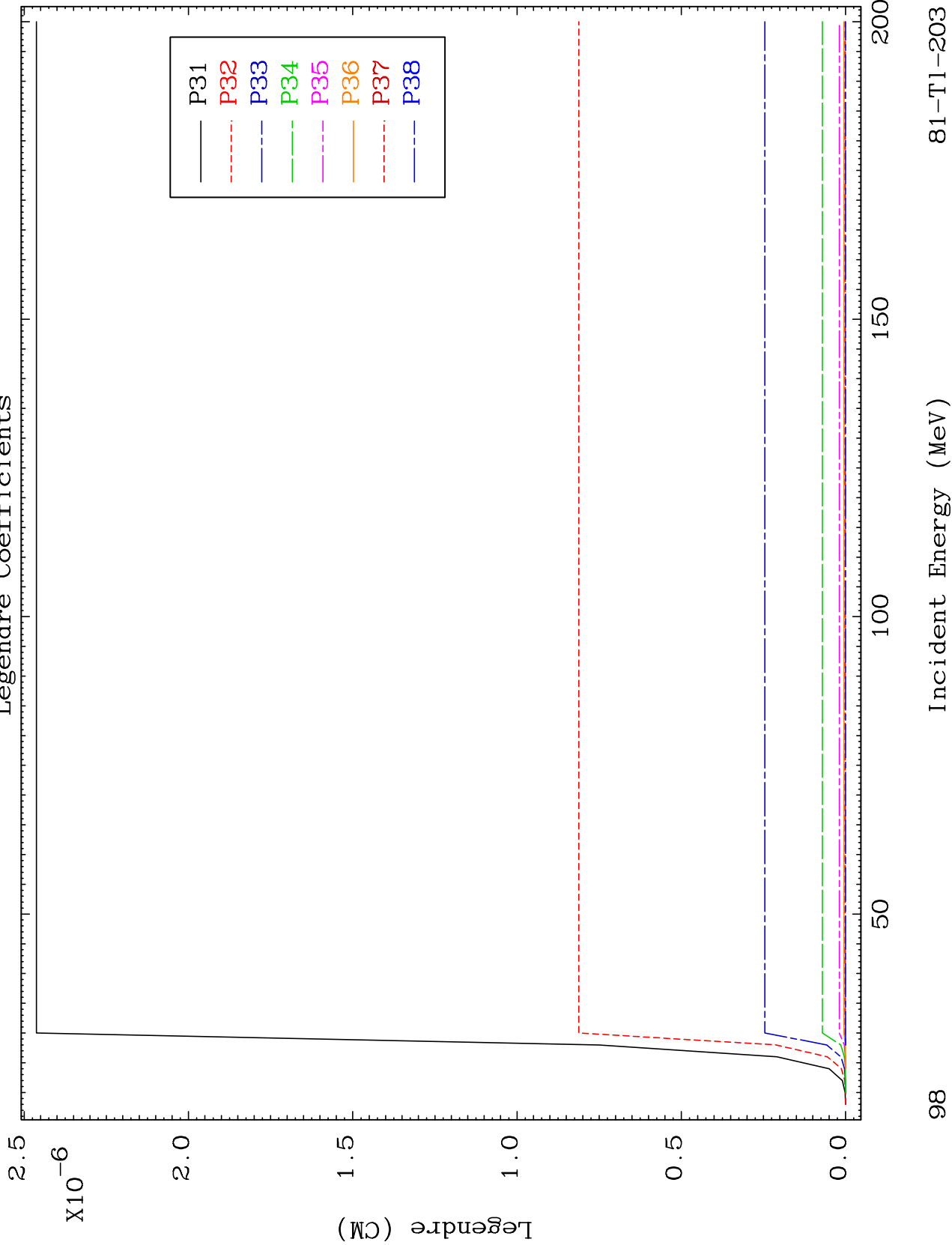
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 71 (n,n') Level
Legendre Coefficients

81-T1-203



98

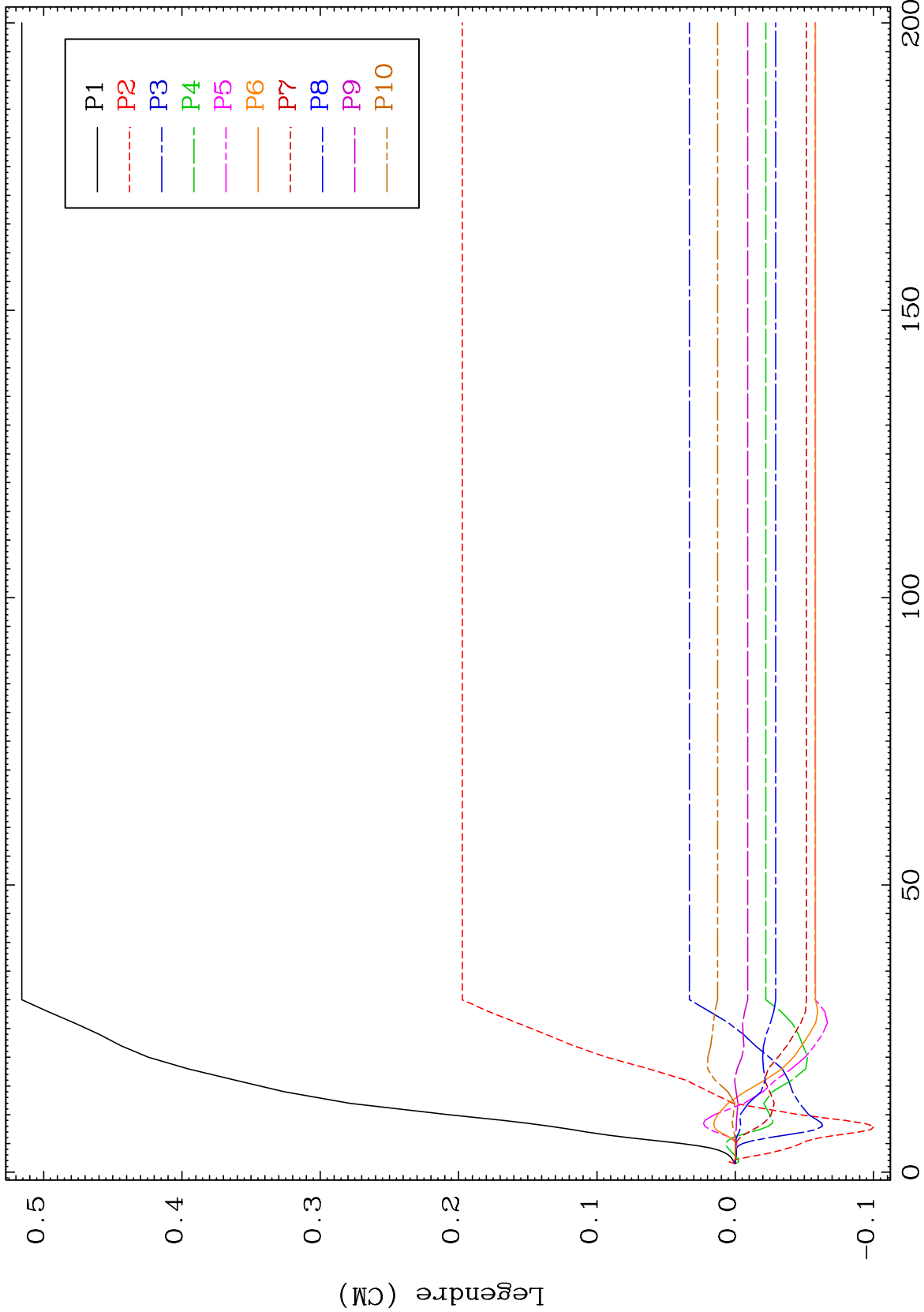
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 72 (n,n') Level
Legendre Coefficients

81-T1-203



99

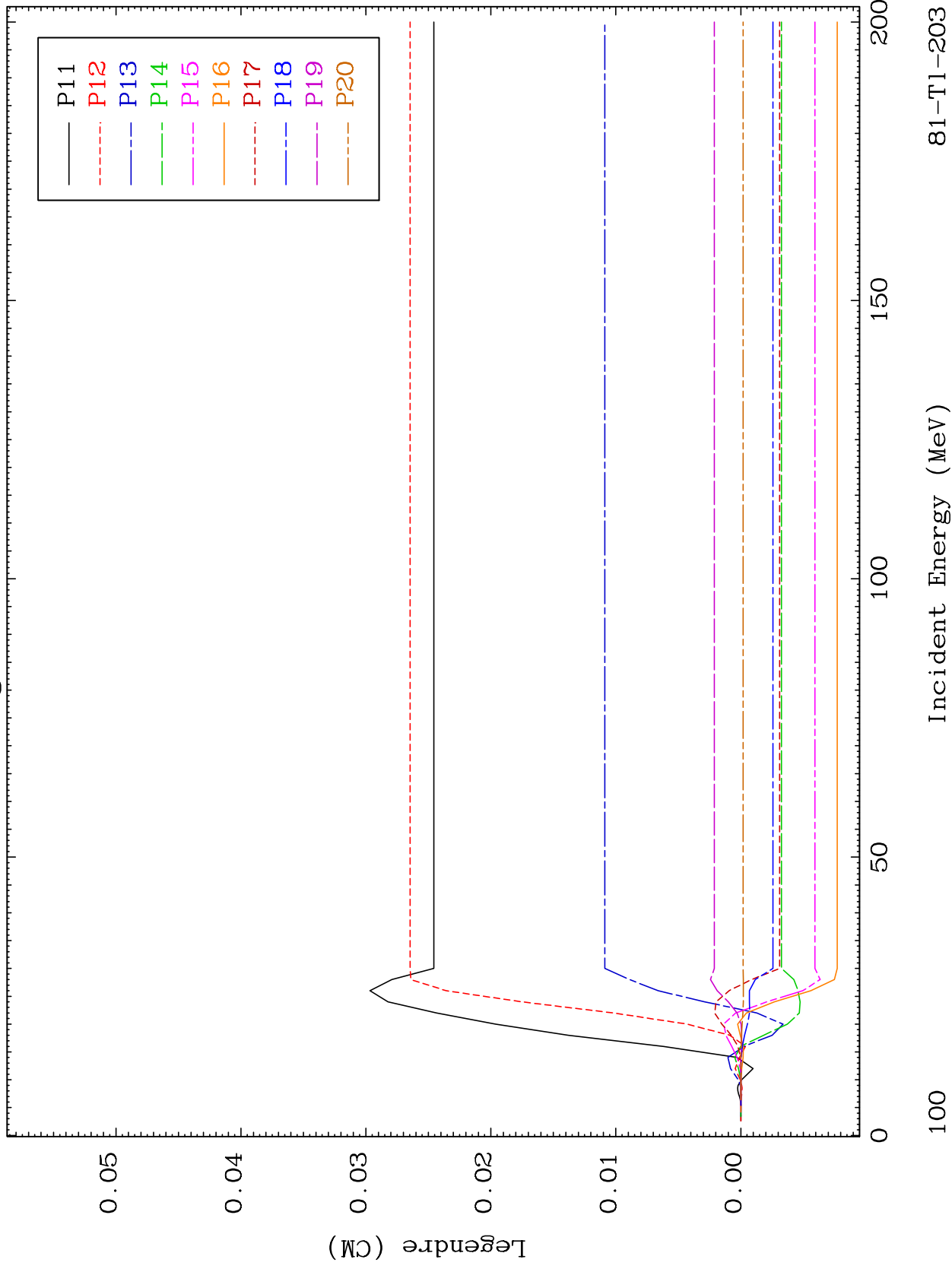
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 72 (n,n') Level
Legendre Coefficients

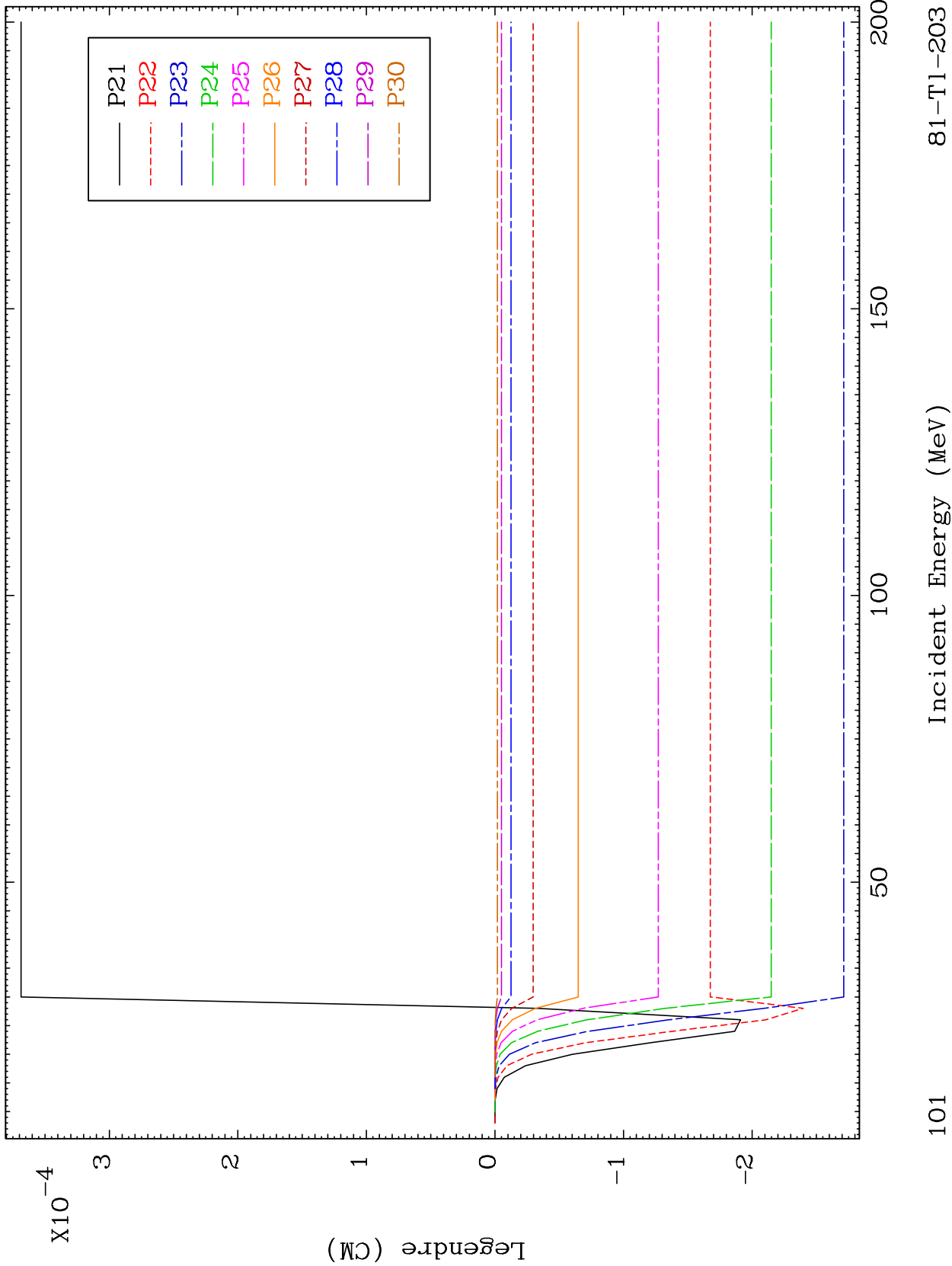
81-T1-203



MAT 8125

MT= 72 (n,n') Level
Legendre Coefficients

81-T1-203



101

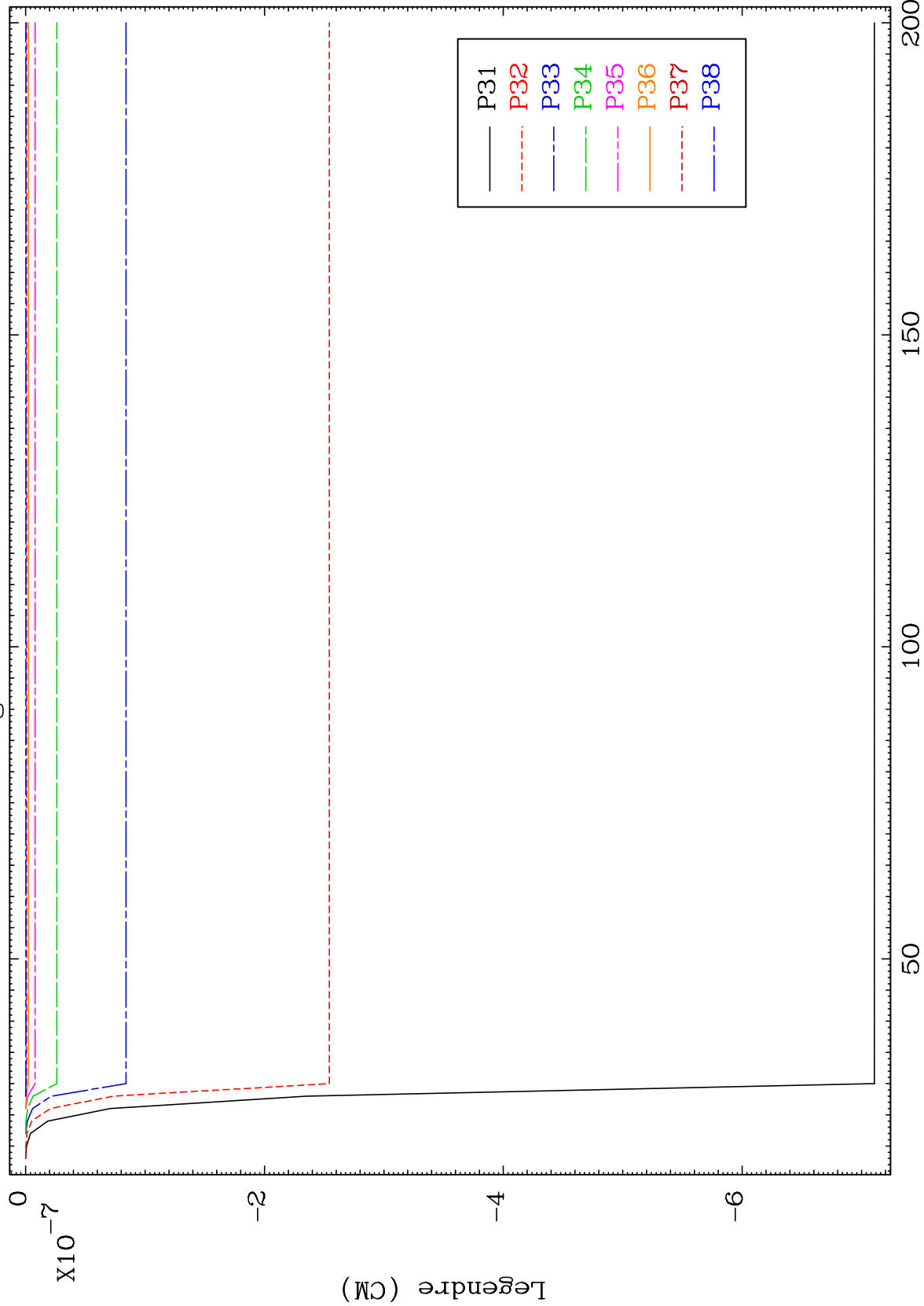
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 72 (n,n') Level
Legendre Coefficients

81-T1-203



102

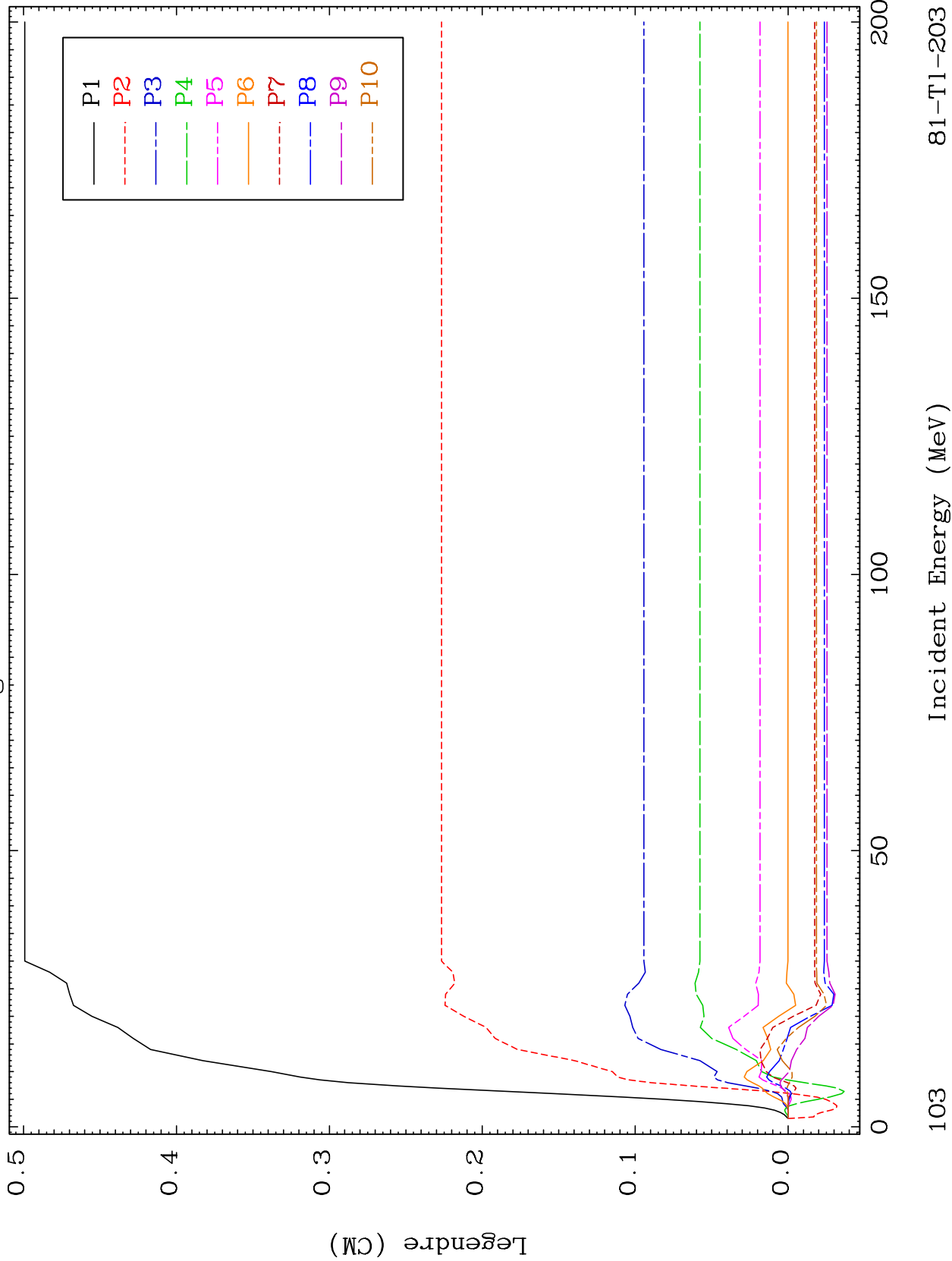
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 73 (n,n') Level
Legendre Coefficients

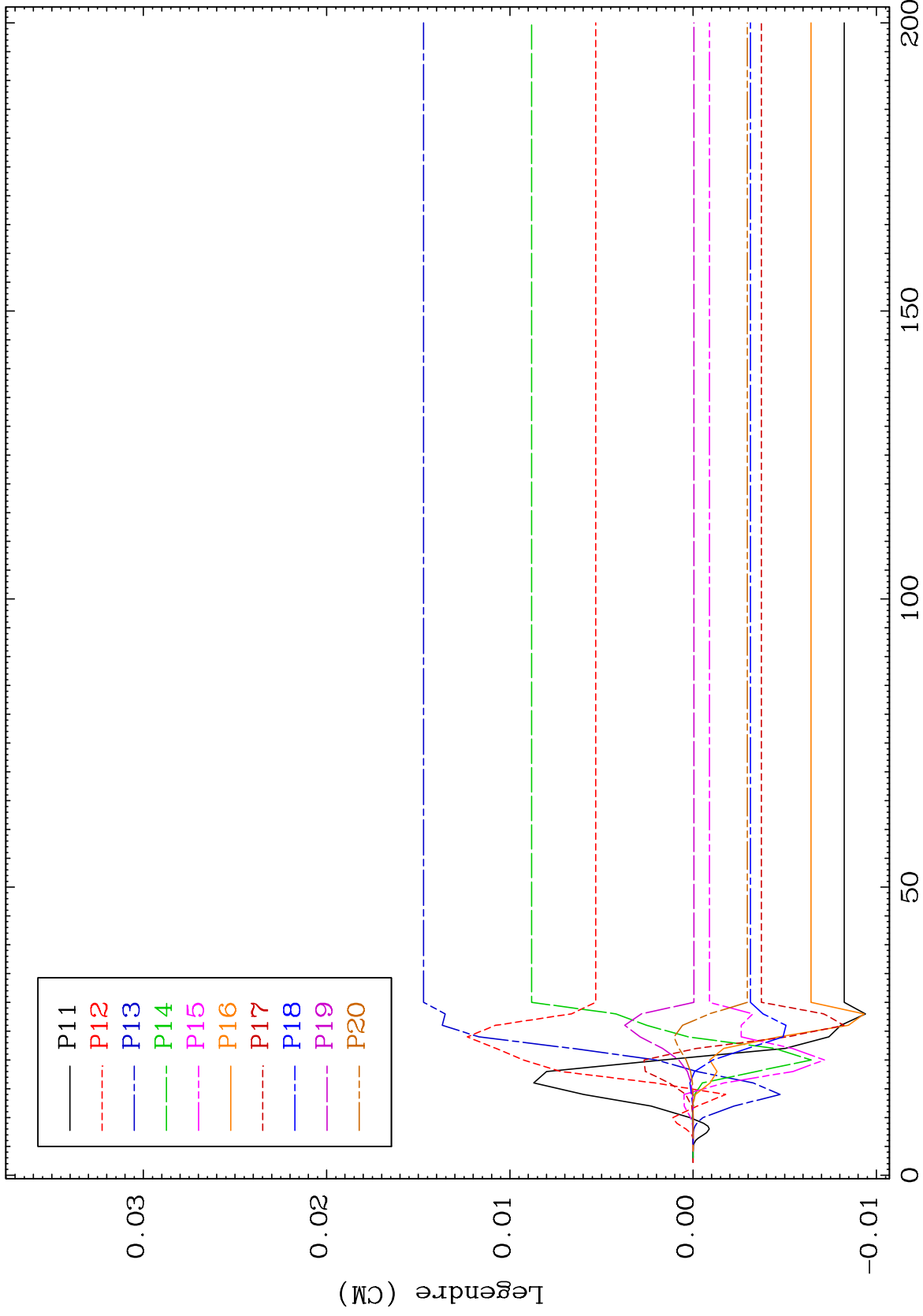
81-T1-203



MAT 8125

MT= 73 (n,n') Level
Legendre Coefficients

81-T1-203



104

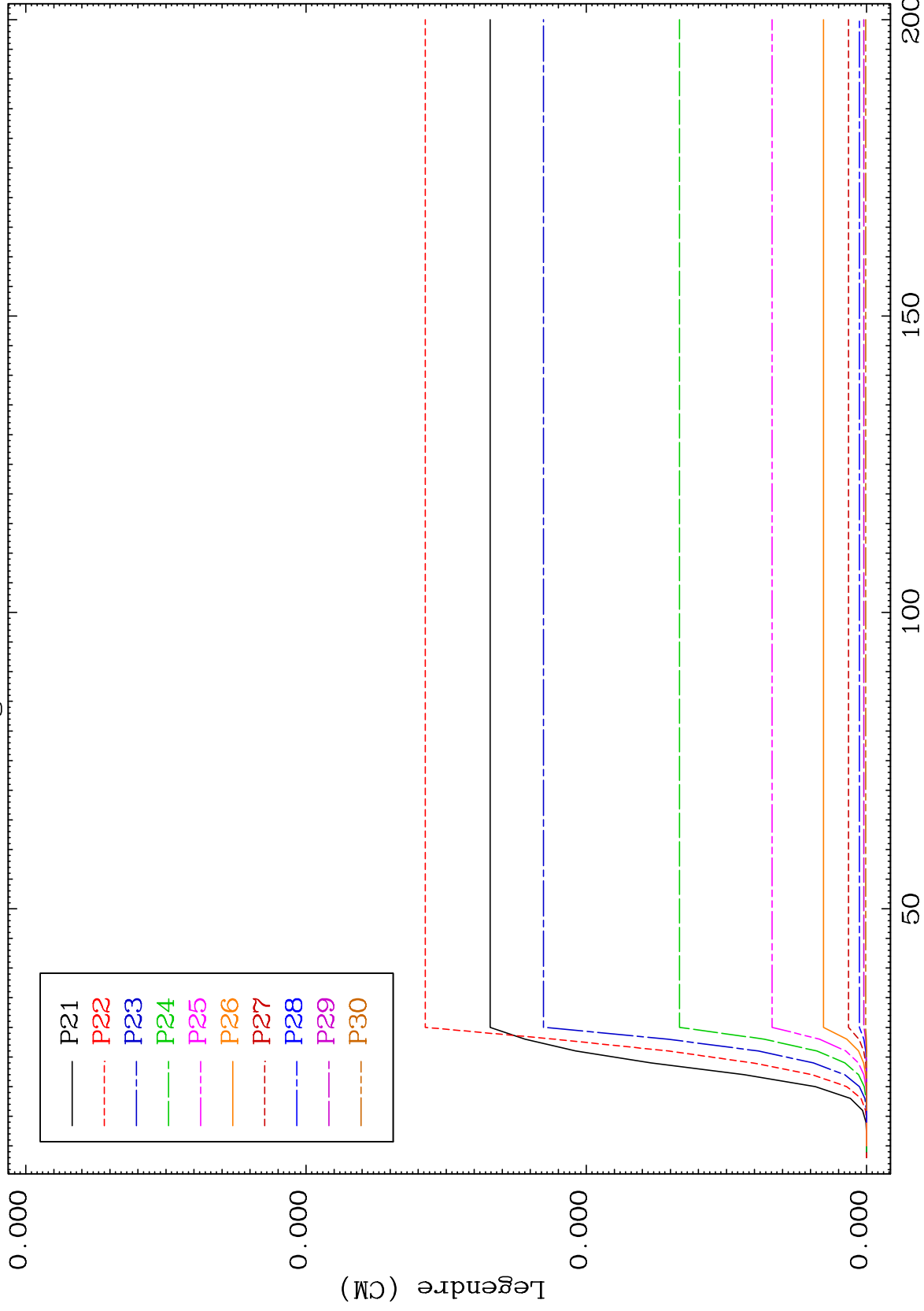
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 73 (n,n') Level
Legendre Coefficients

81-T1-203



105

Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 73 (n,n') Level
Legendre Coefficients

81-T1-203

$\times 10^{-6}$
1.2

1.0

0.8

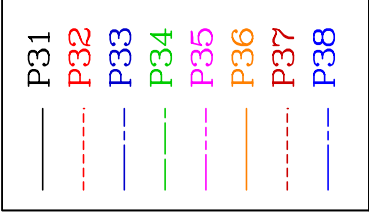
0.6

0.4

0.2

0.0

Legendre (CM)



50

100

150

200

106

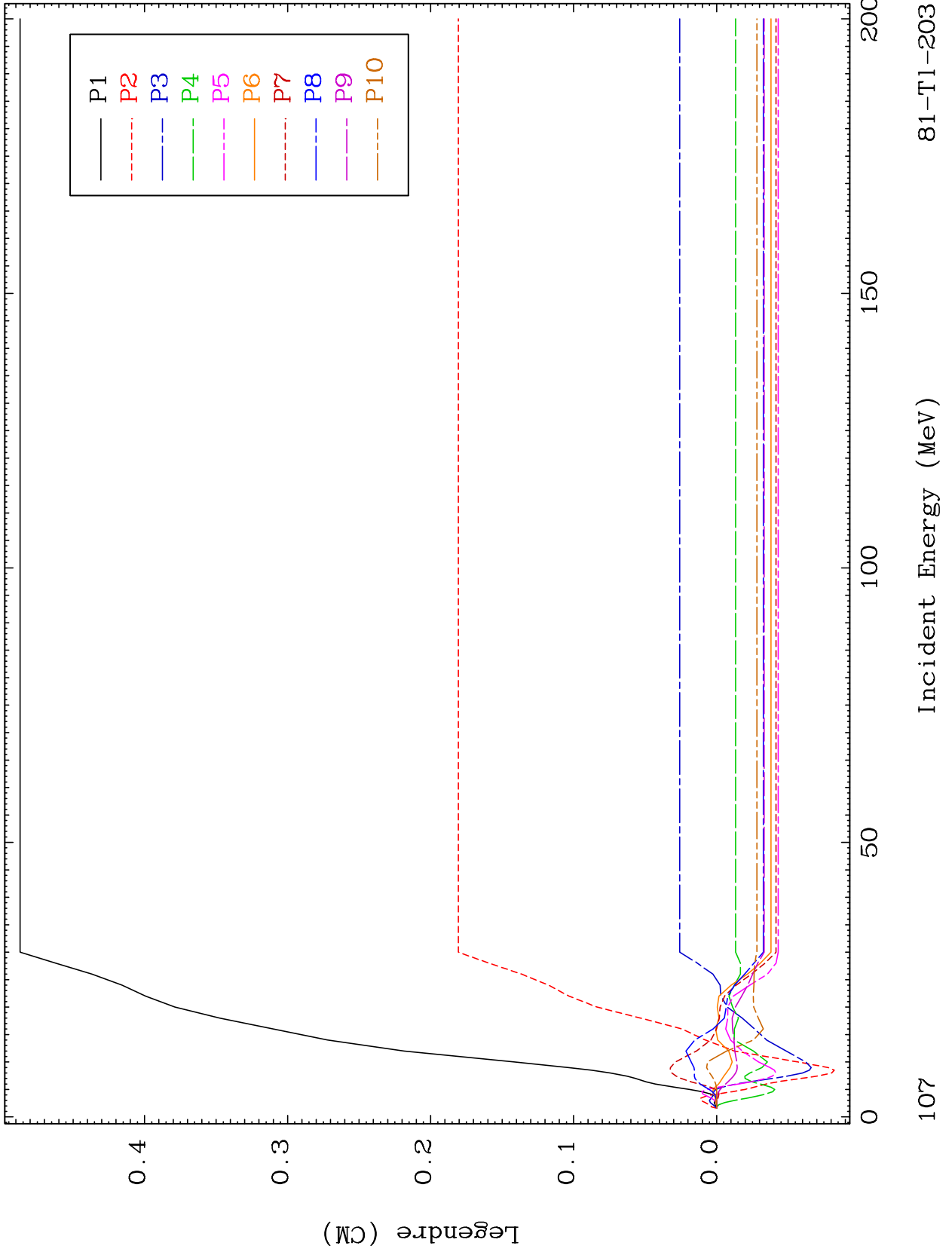
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 74 (n,n') Level
Legendre Coefficients

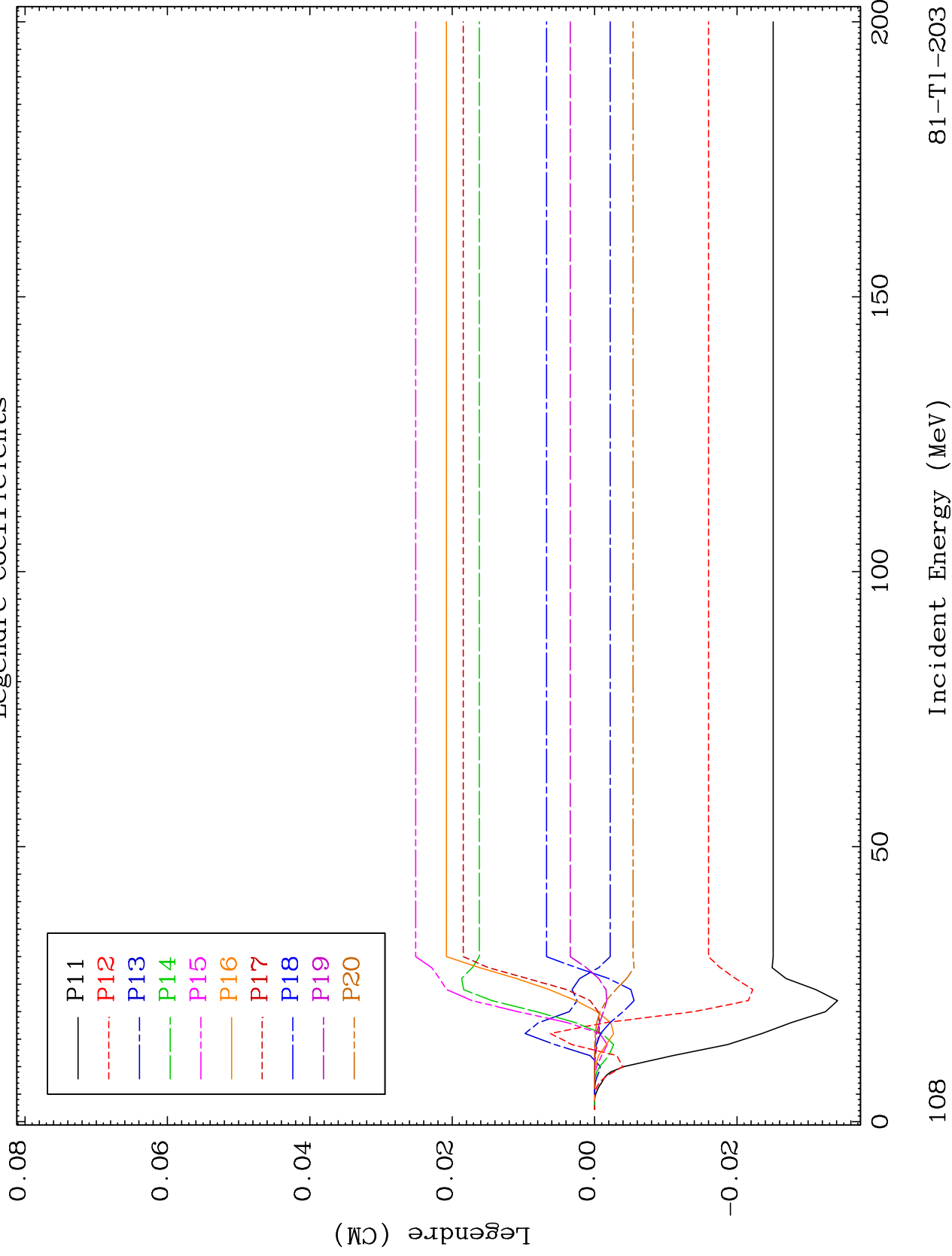
81-T1-203



MAT 8125

MT= 74 (n,n') Level
Legendre Coefficients

81-T1-203



108

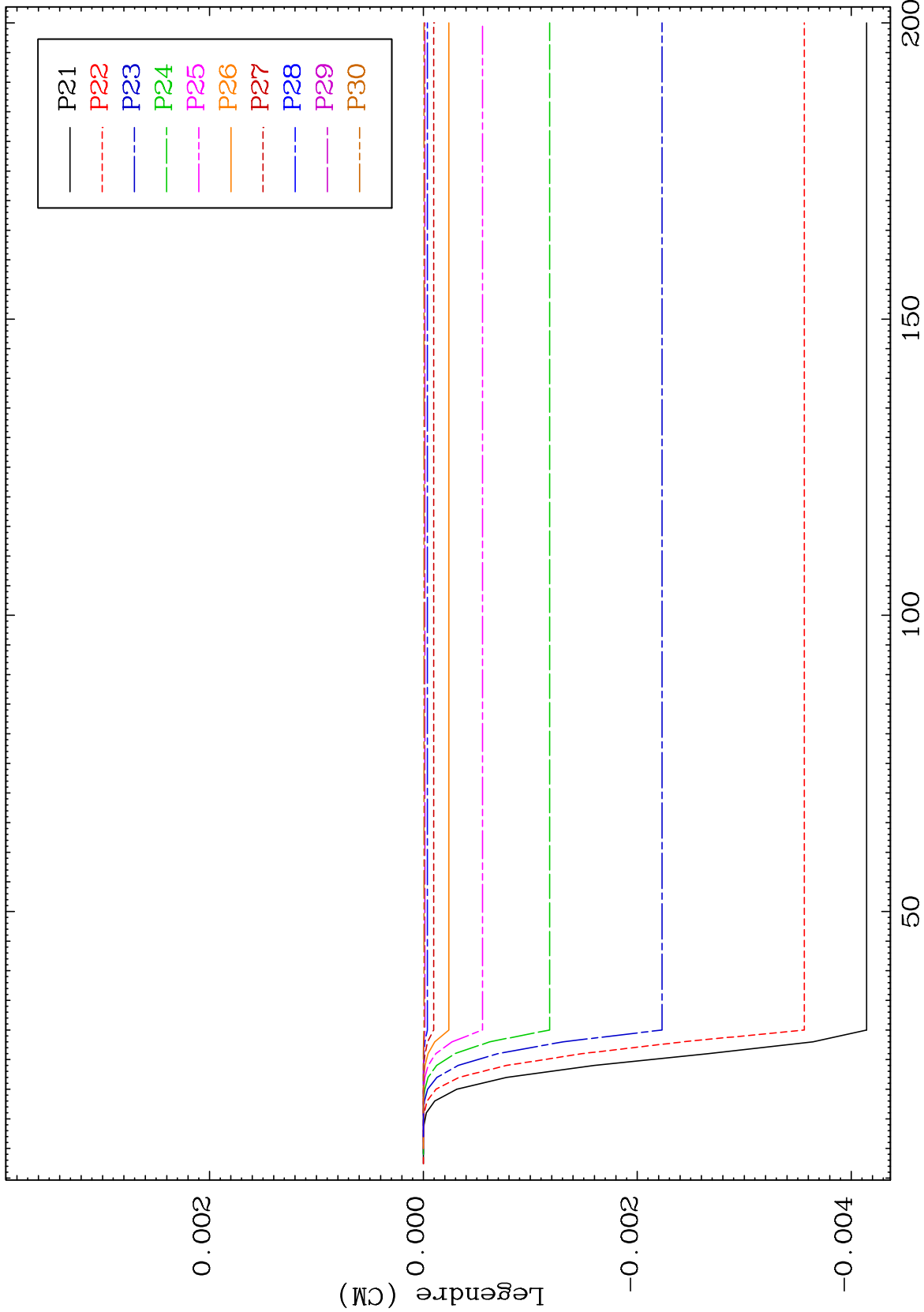
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 74 (n,n') Level
Legendre Coefficients

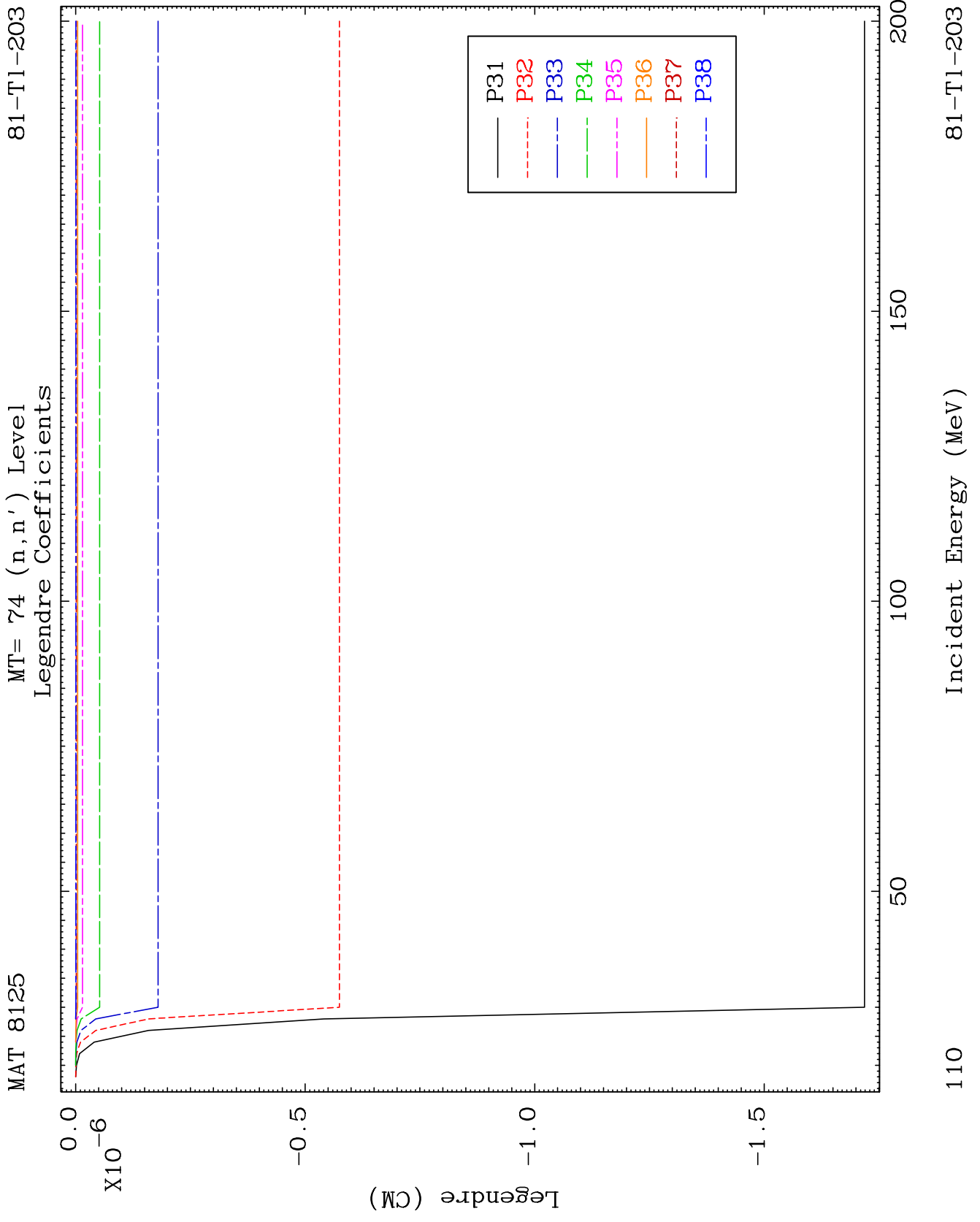
81-T1-203

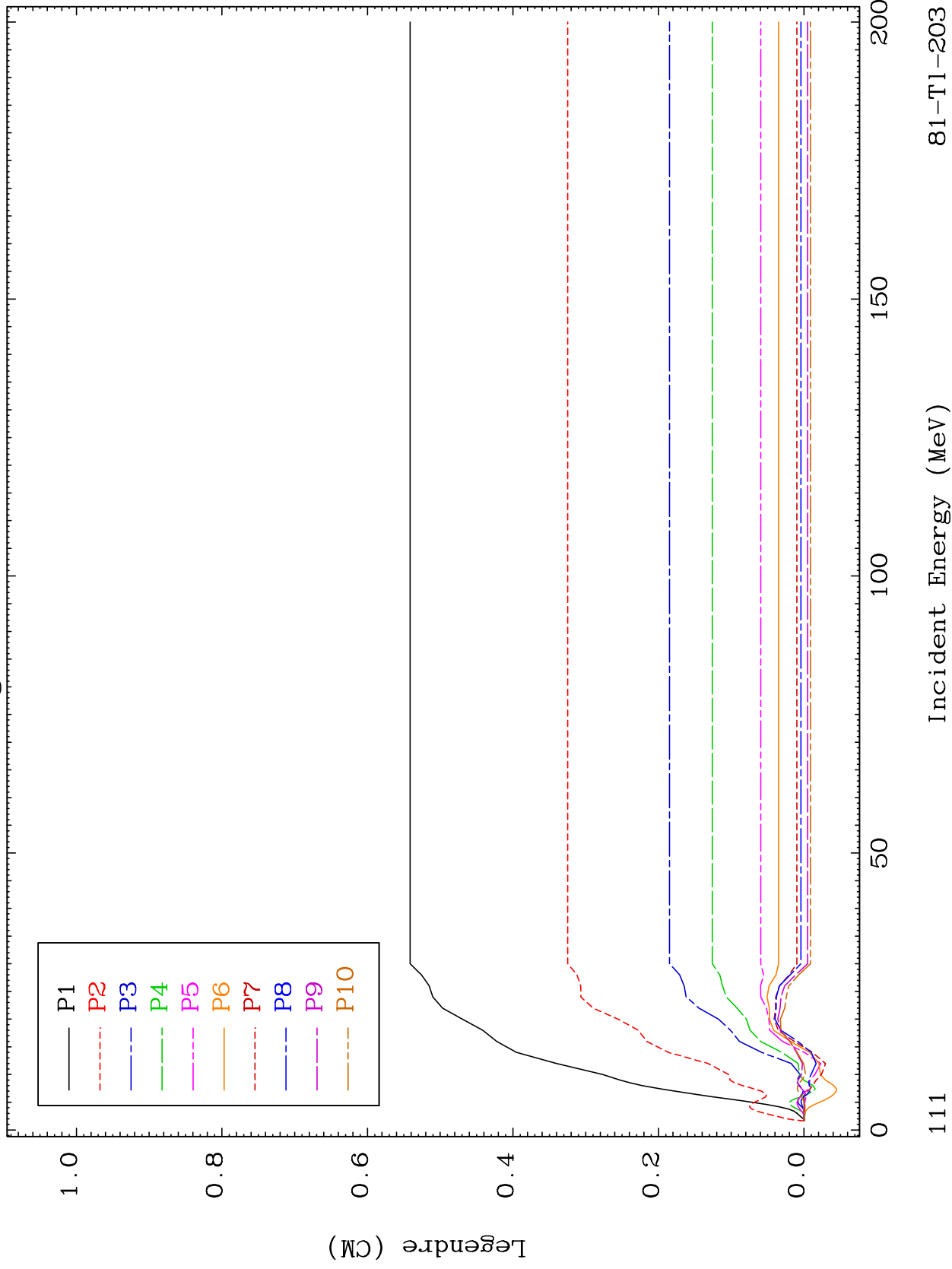


109

Incident Energy (MeV)

81-T1-203

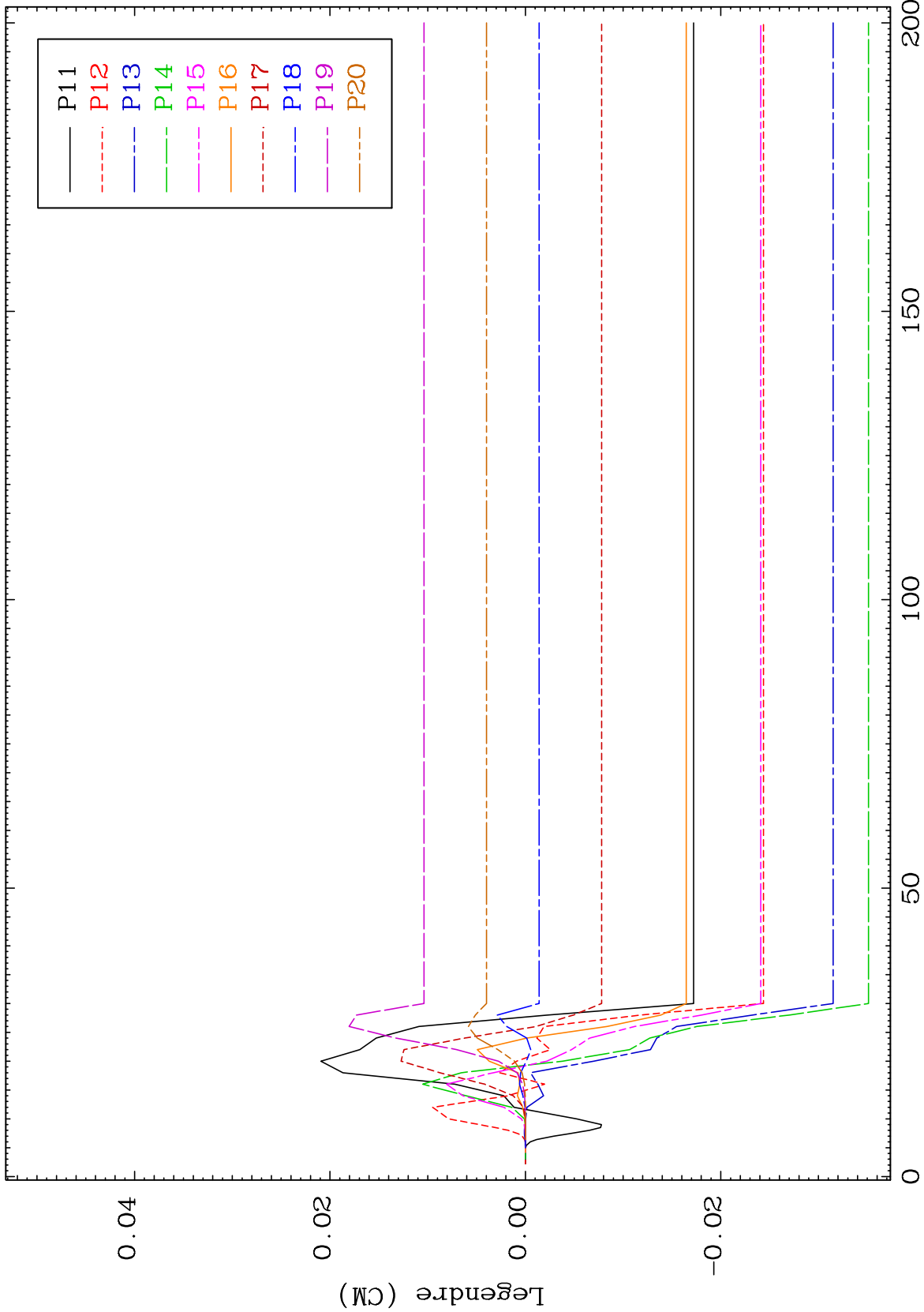




MAT 8125

MT= 75 (n,n') Level
Legendre Coefficients

81-T1-203



112

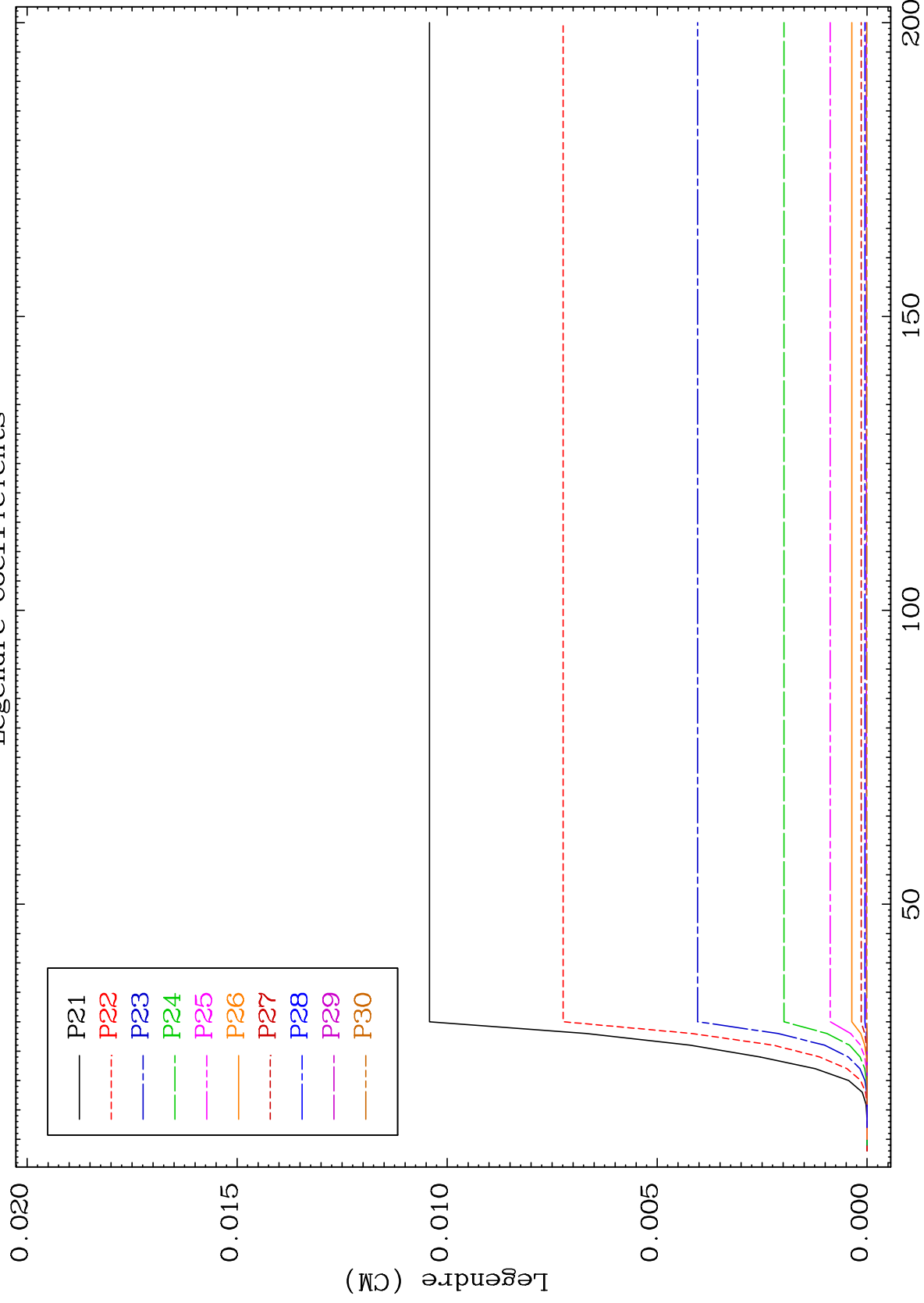
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 75 (n,n') Level
Legendre Coefficients

81-T1-203



113

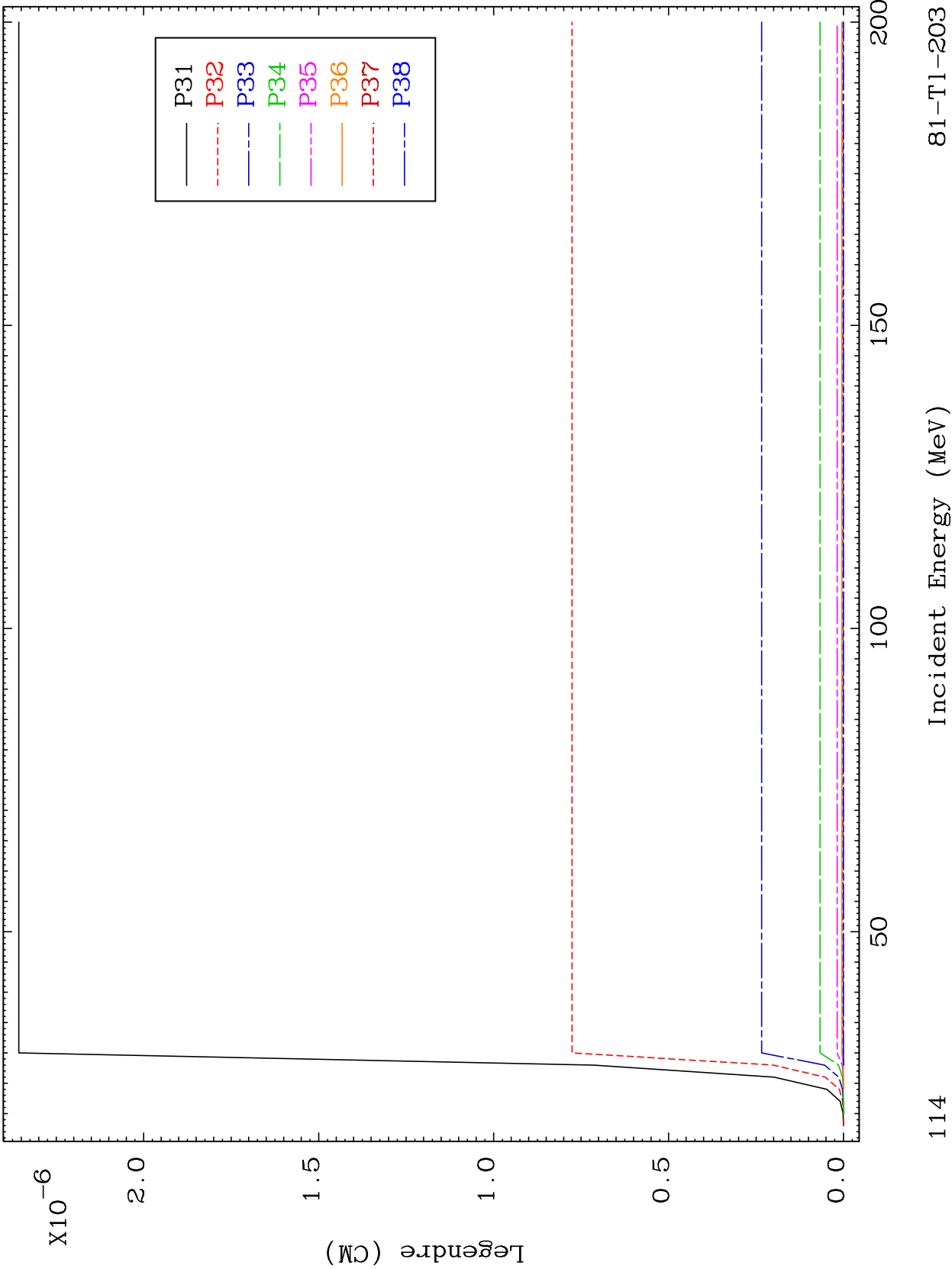
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 75 (n,n') Level
Legendre Coefficients

81-T1-203



114

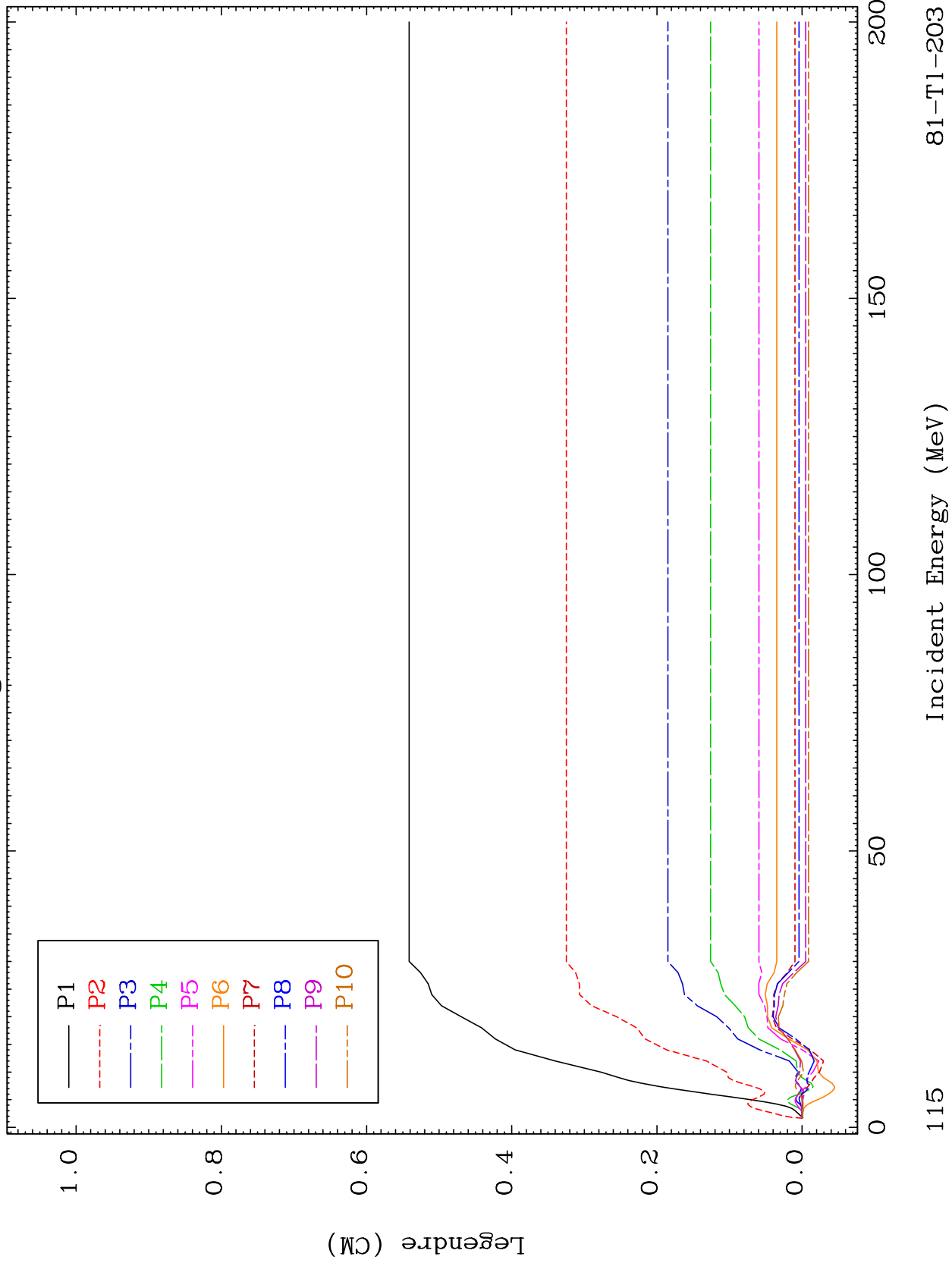
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 76 (n,n') Level
Legendre Coefficients

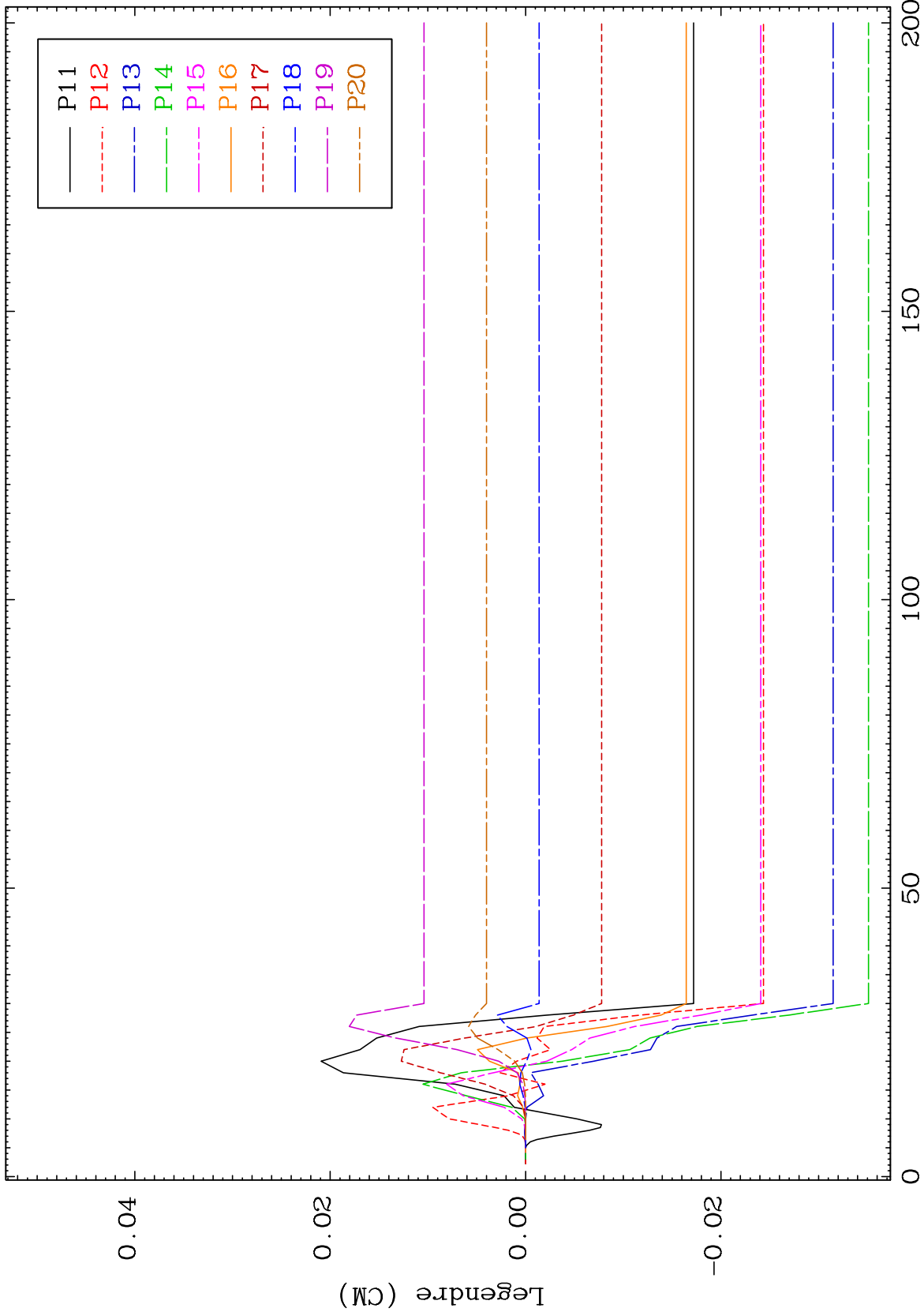
81-T1-203



MAT 8125

MT= 76 (n,n') Level
Legendre Coefficients

81-T1-203



116

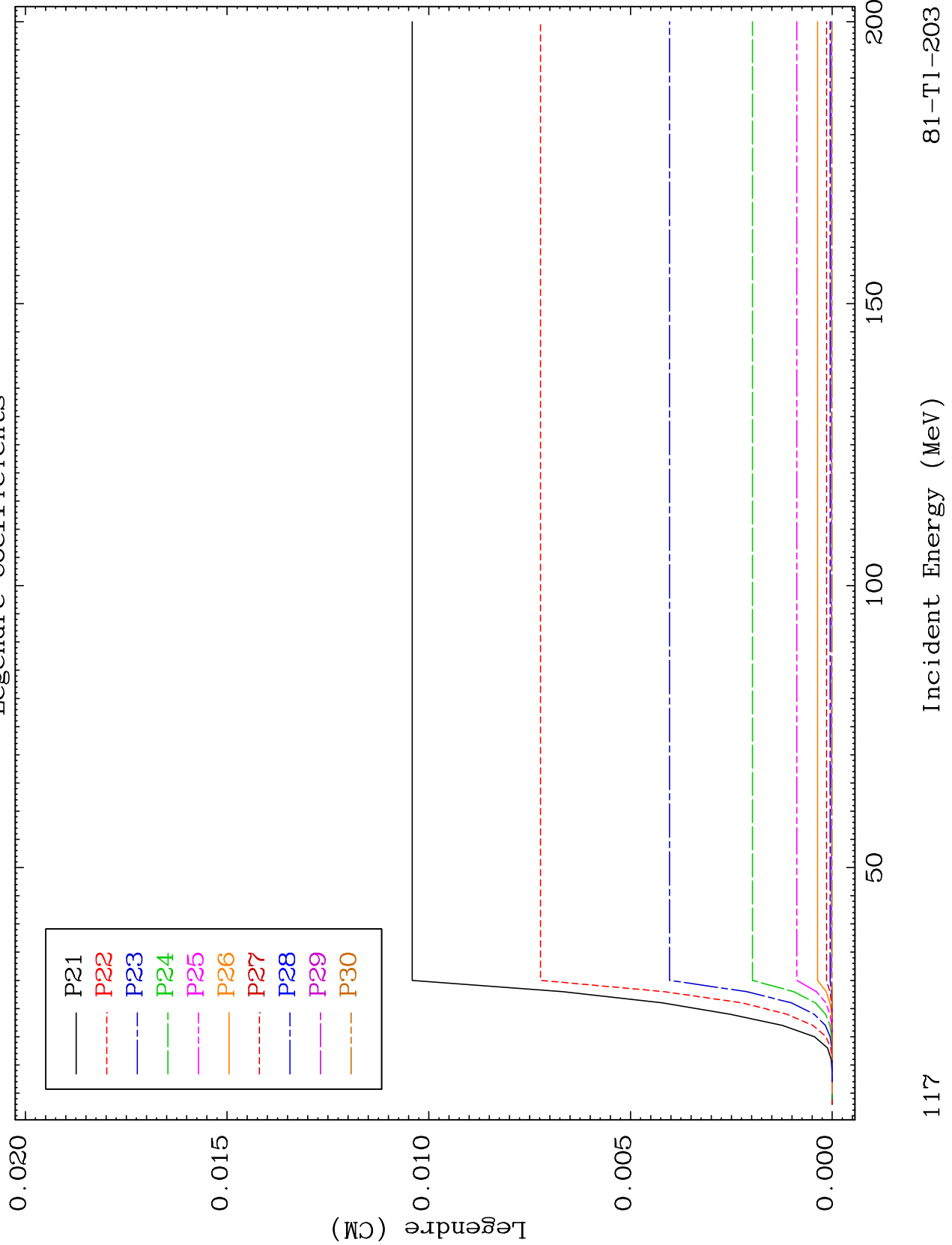
Incident Energy (MeV)

81-T1-203

MAT 8125

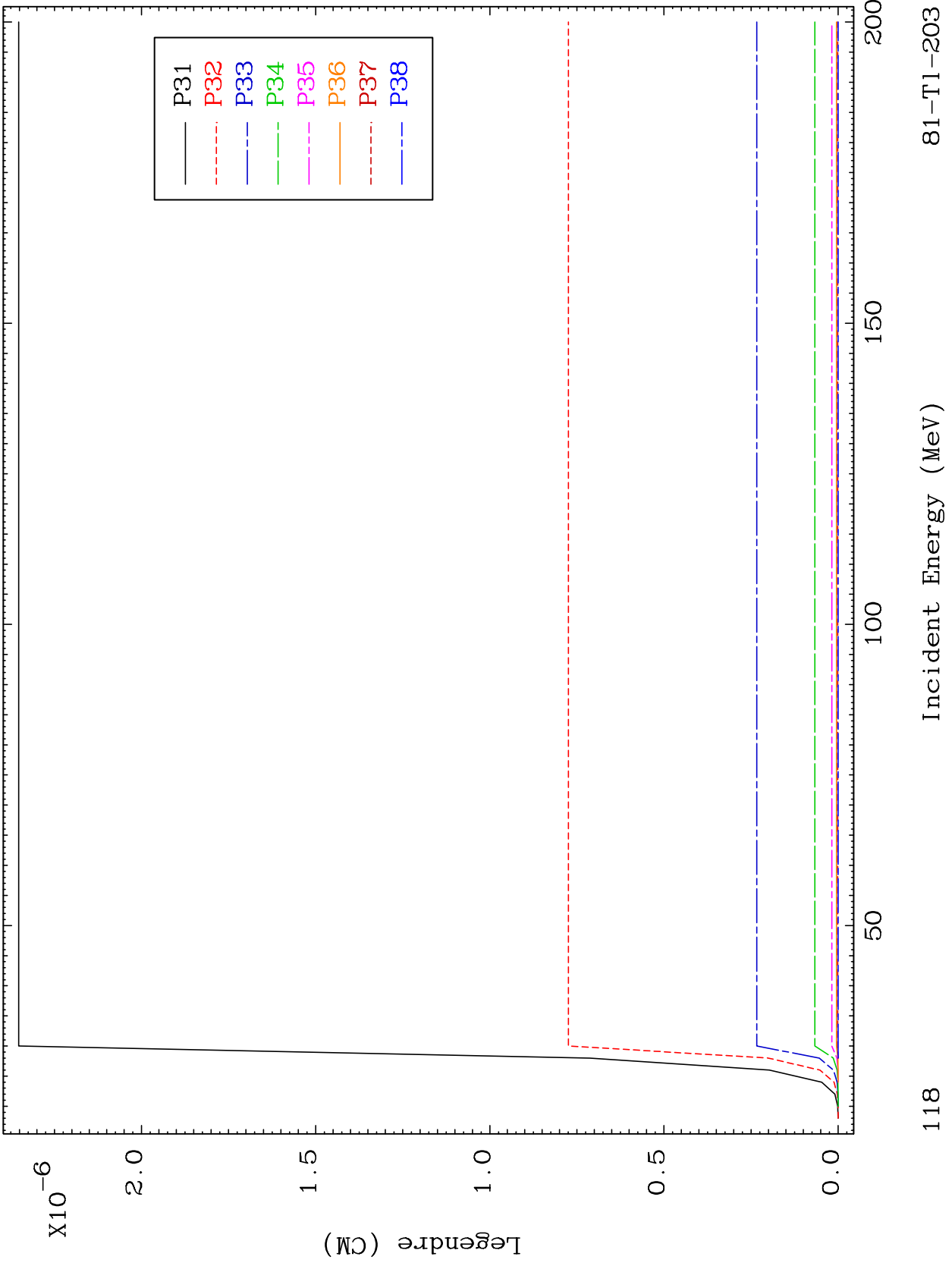
MT= 76 (n,n') Level
Legendre Coefficients

81-T1-203



117

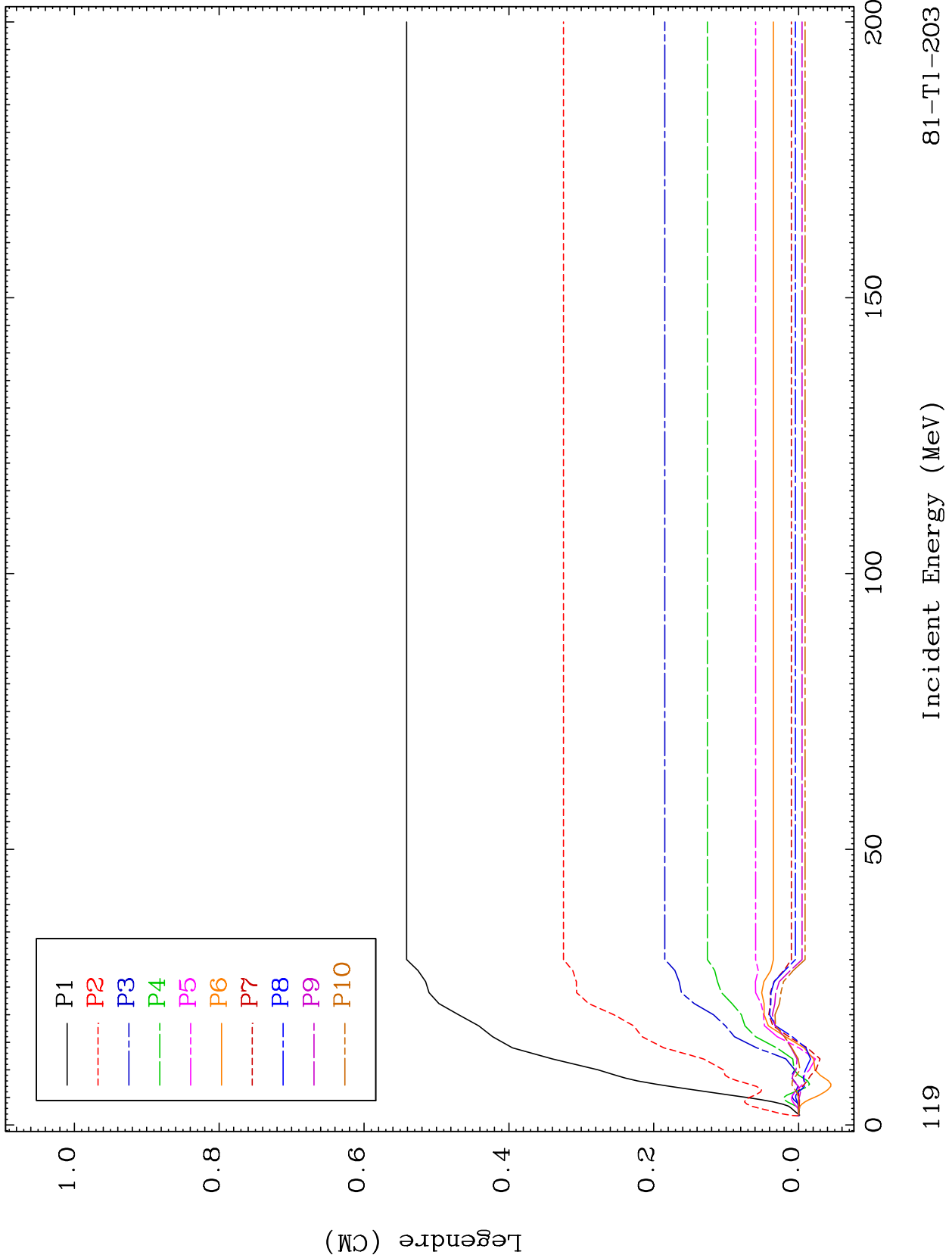
81-T1-203



MAT 8125

MT= 77 (n,n') Level
Legendre Coefficients

81-T1-203



119

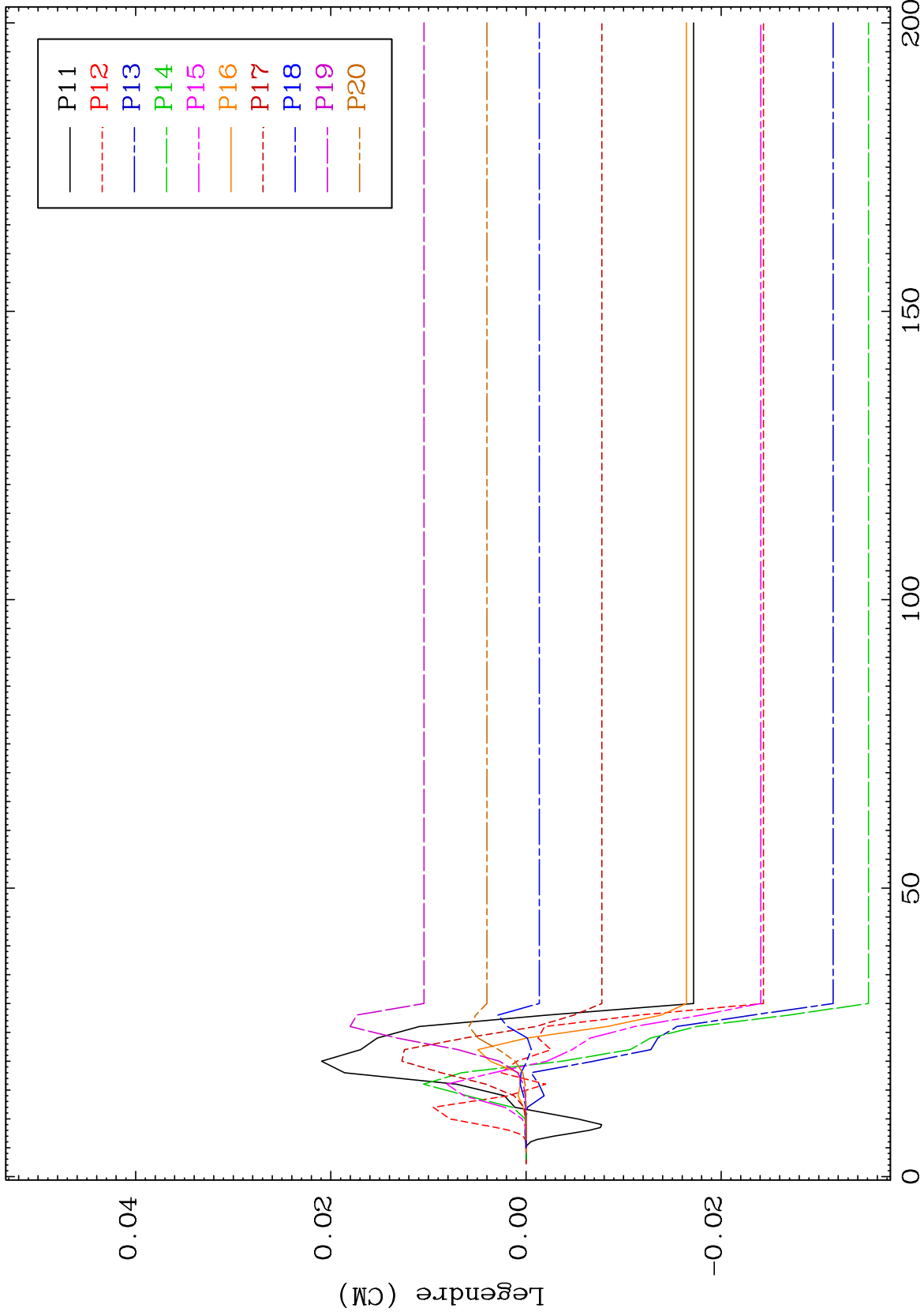
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 77 (n,n') Level
Legendre Coefficients

81-T1-203



81-T1-203

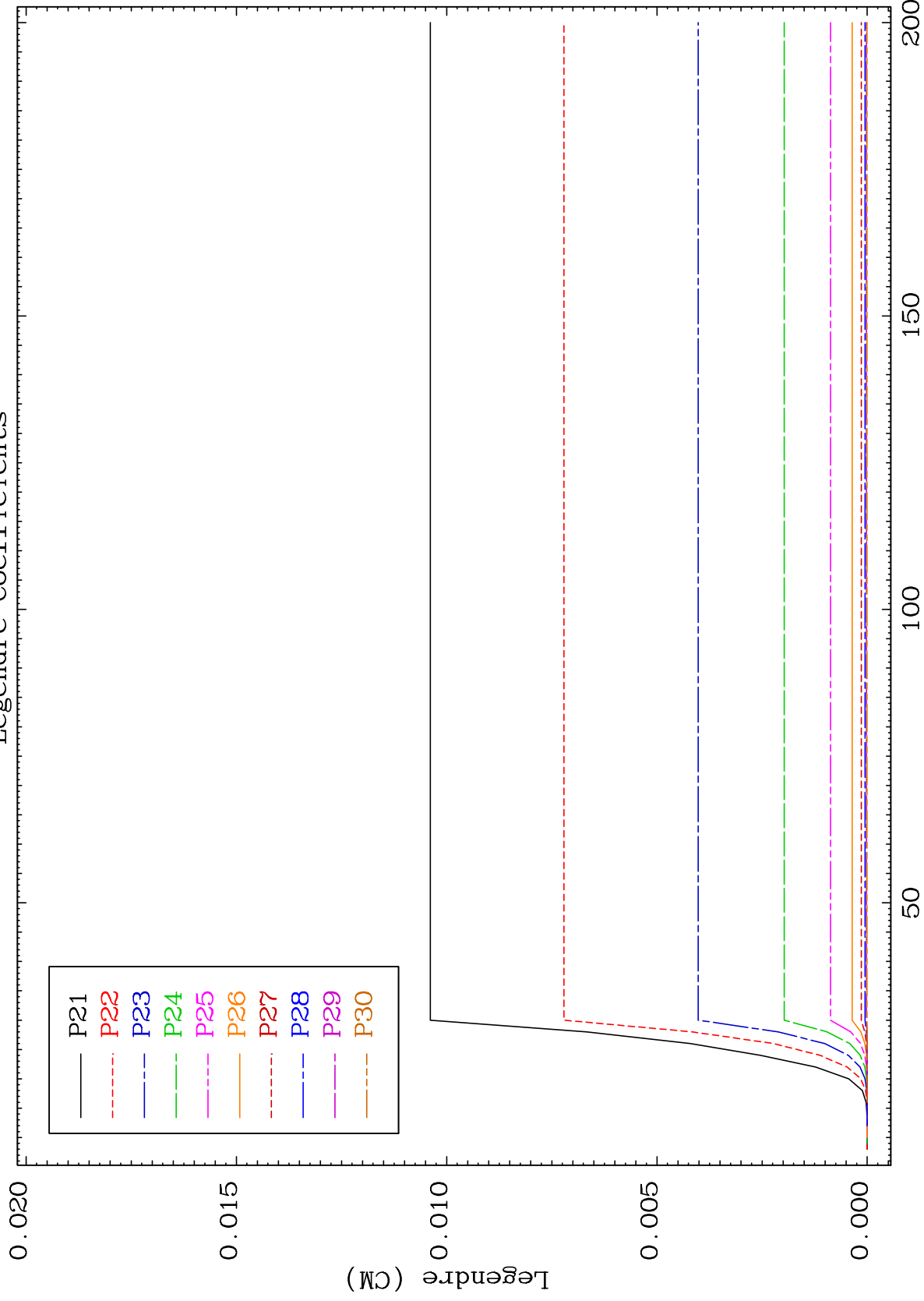
Incident Energy (MeV)

120

MAT 8125

MT= 77 (n,n') Level
Legendre Coefficients

81-T1-203



121

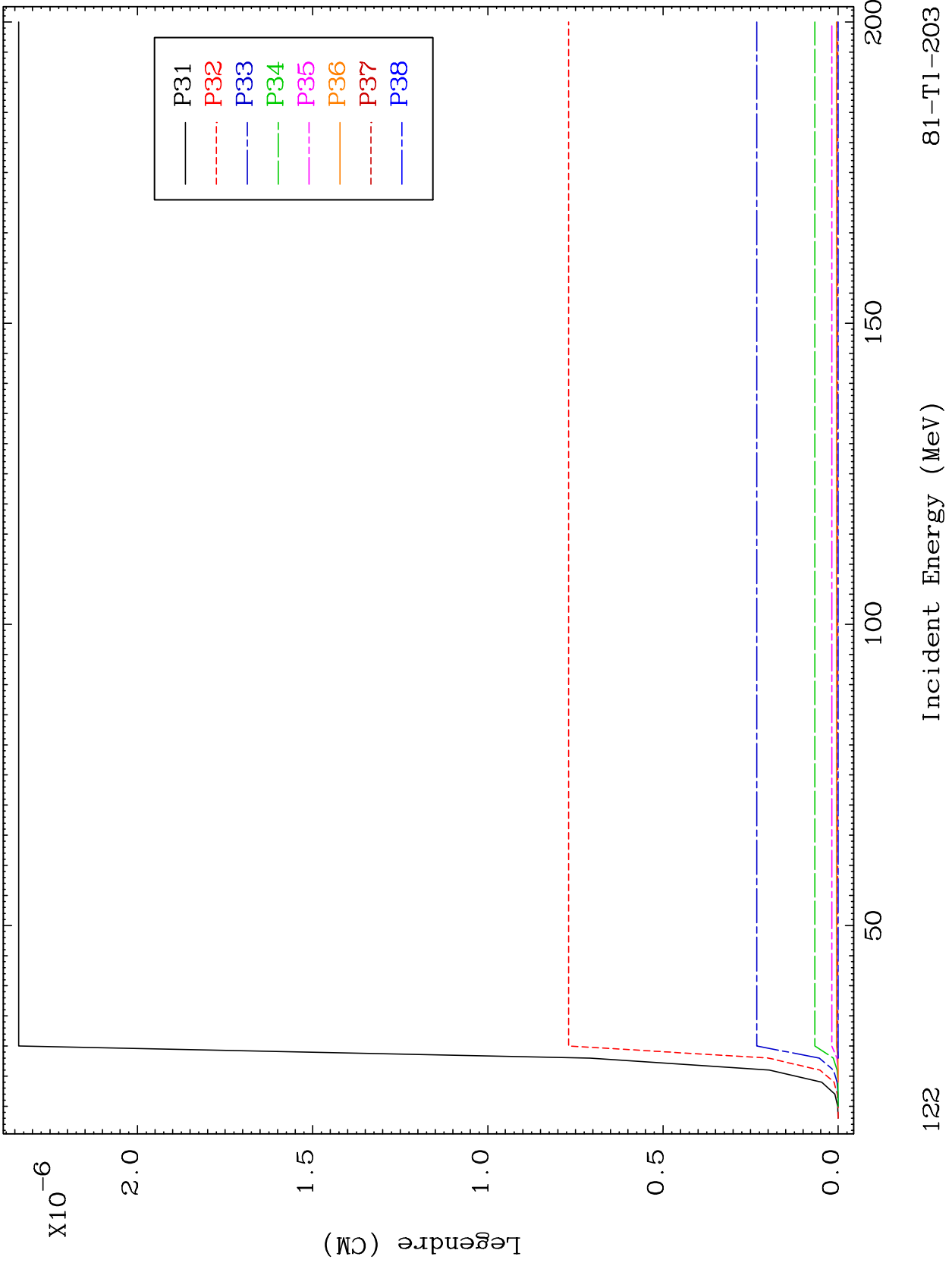
Incident Energy (MeV)

81-T1-203

MAT 8125

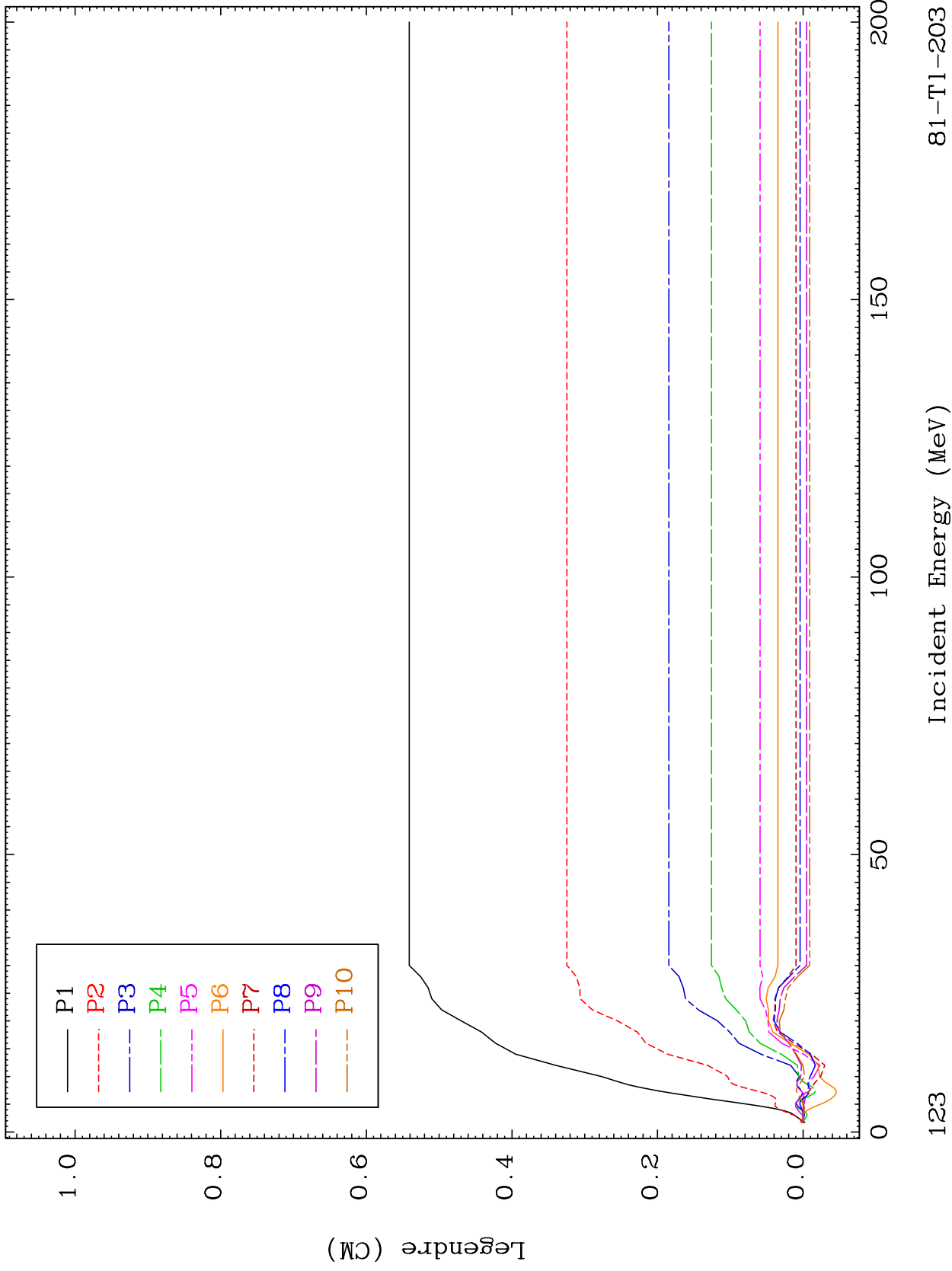
MT= 77 (n,n') Level
Legendre Coefficients

81-T1-203



122

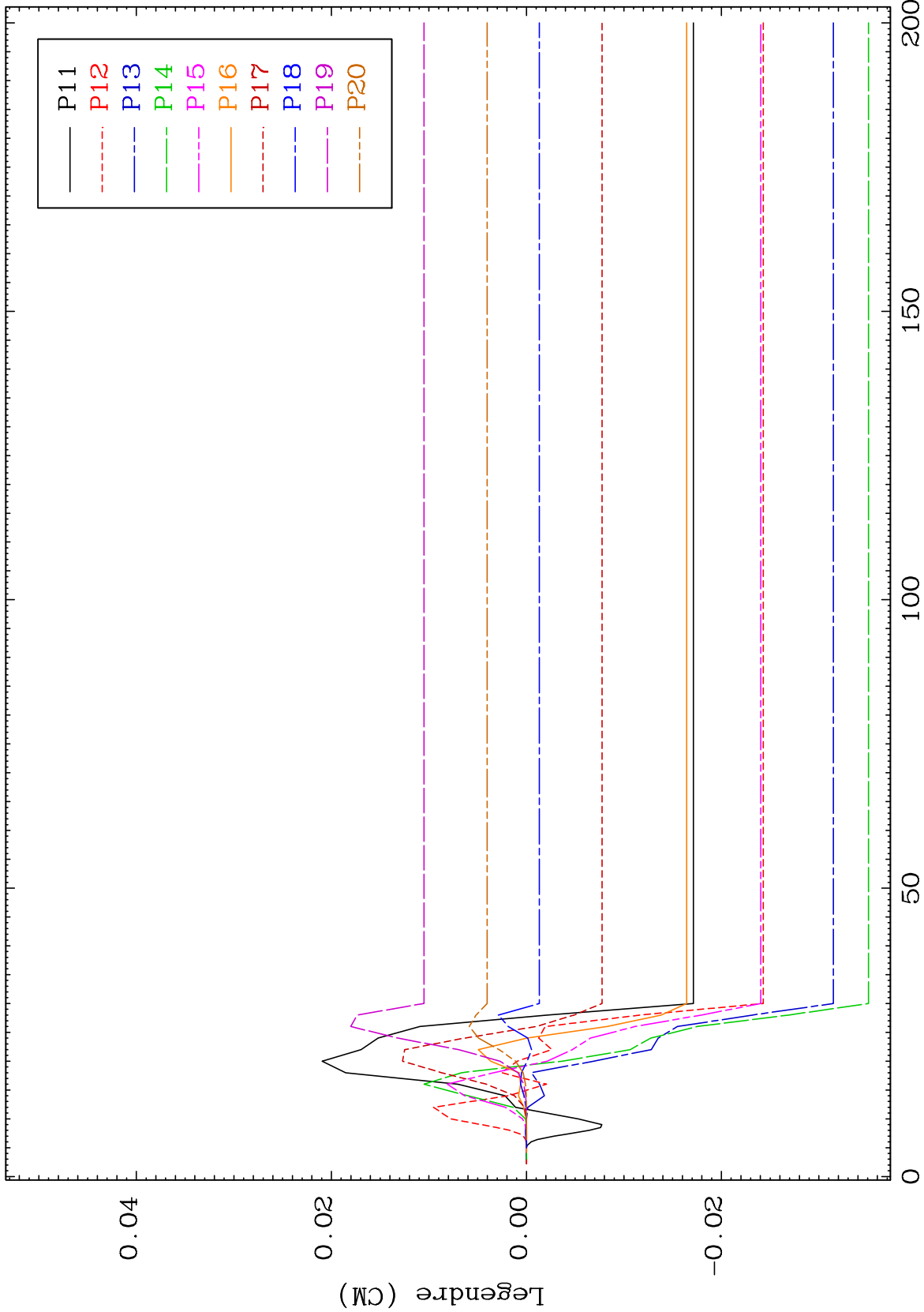
81-T1-203



MAT 8125

MT= 78 (n,n') Level
Legendre Coefficients

81-T1-203



124

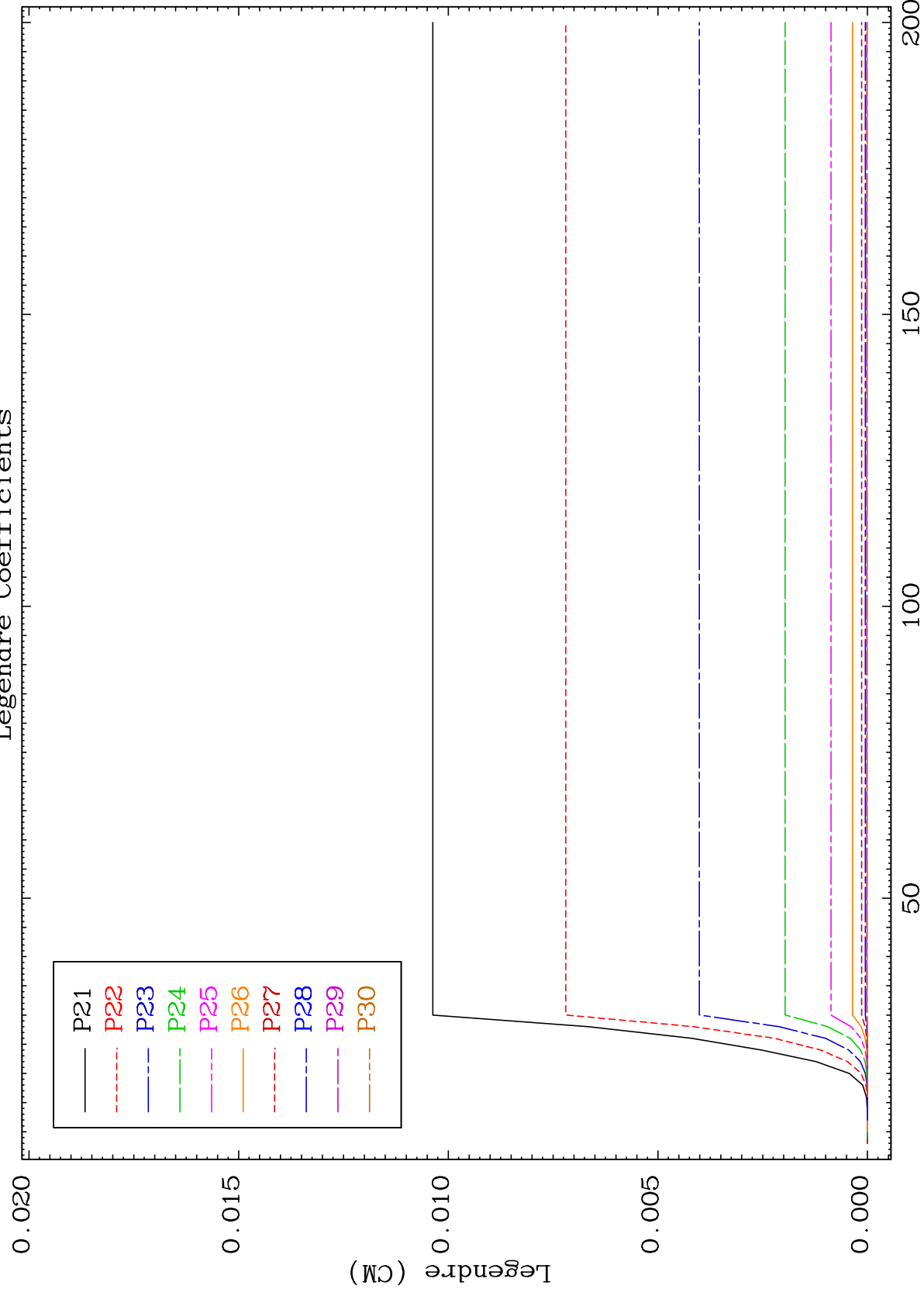
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 78 (n,n') Level
Legendre Coefficients

81-T1-203



125

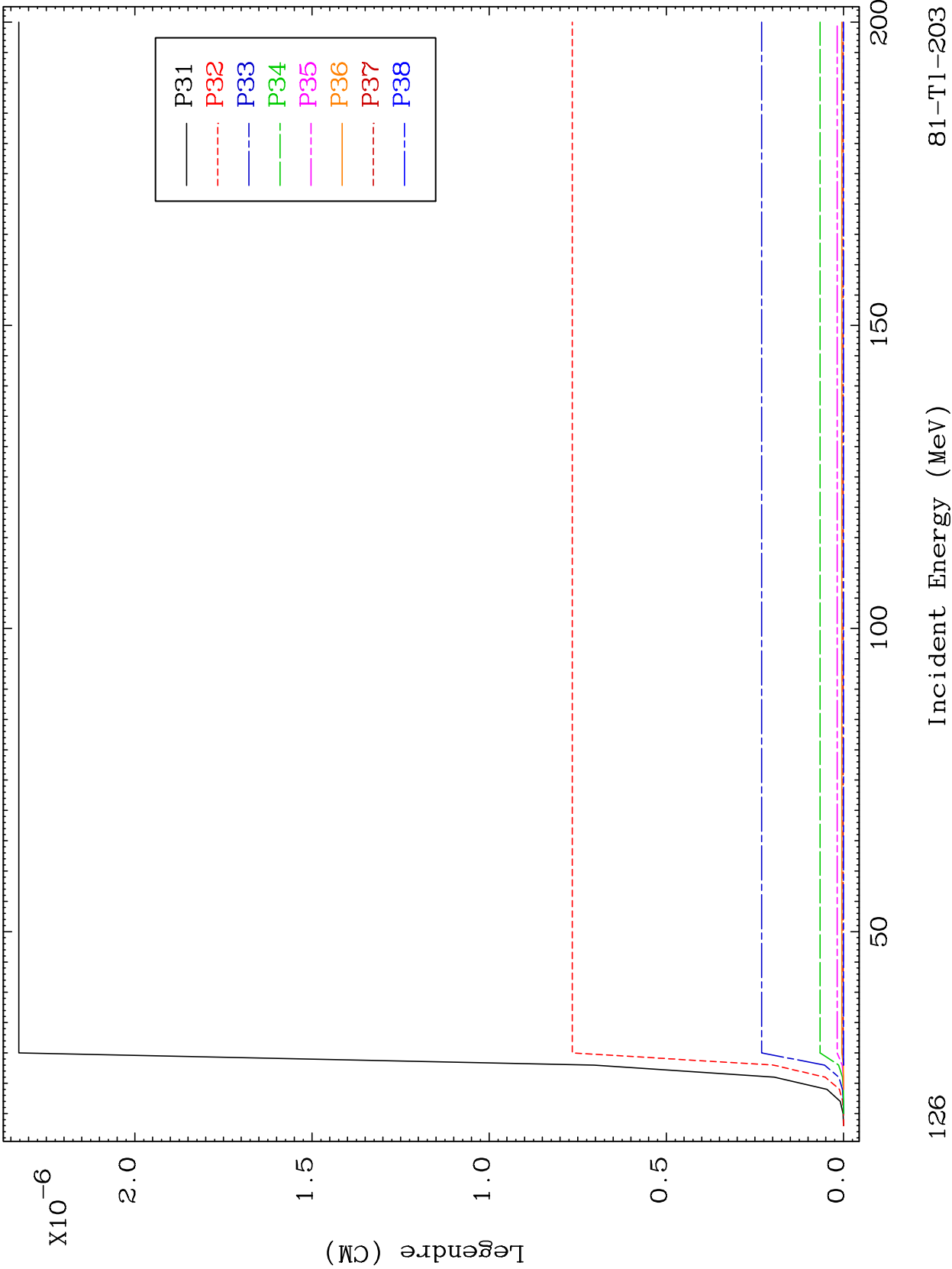
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 78 (n,n') Level
Legendre Coefficients

81-T1-203



126

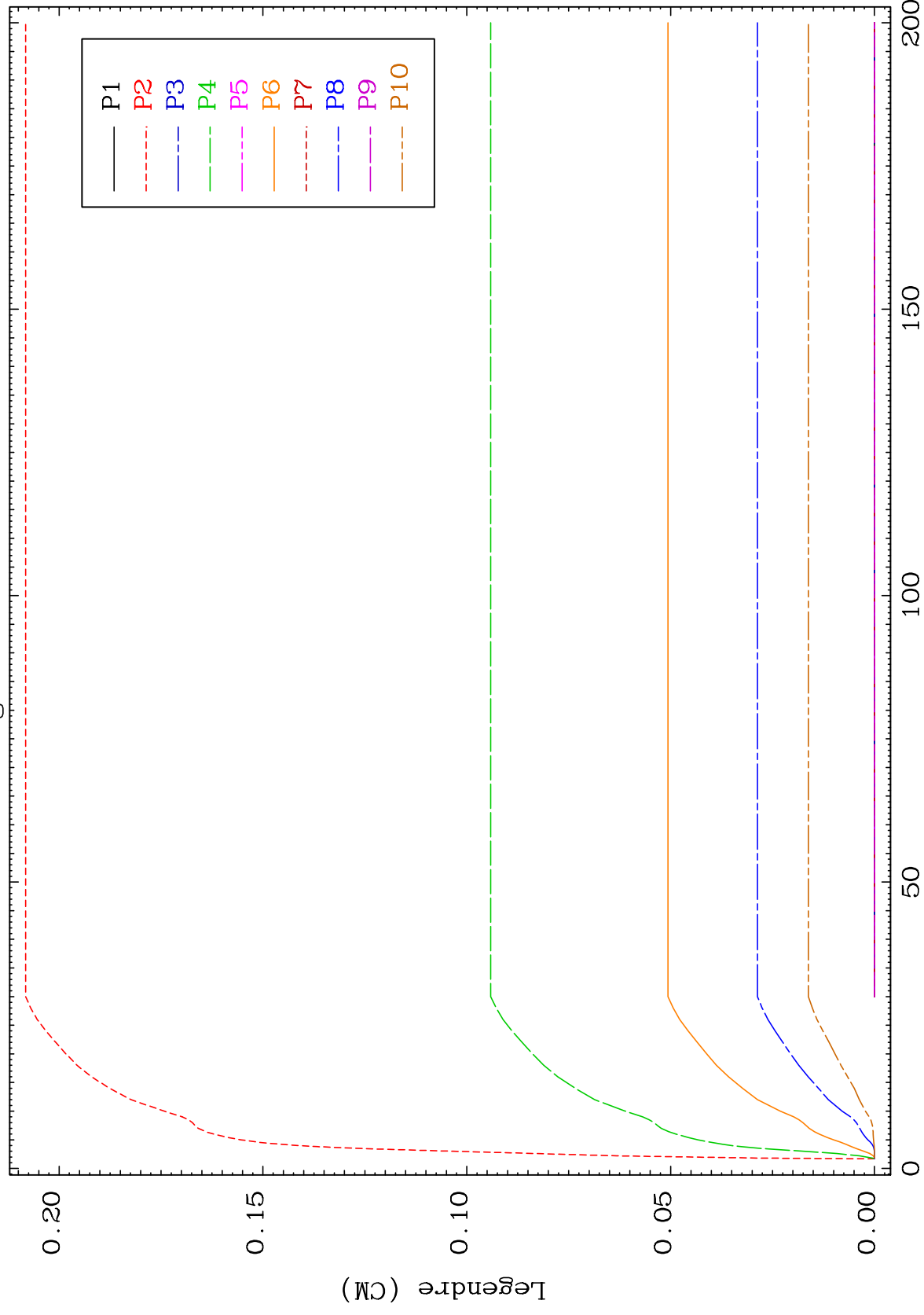
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 79 (n,n') Level
Legendre Coefficients

81-T1-203



127

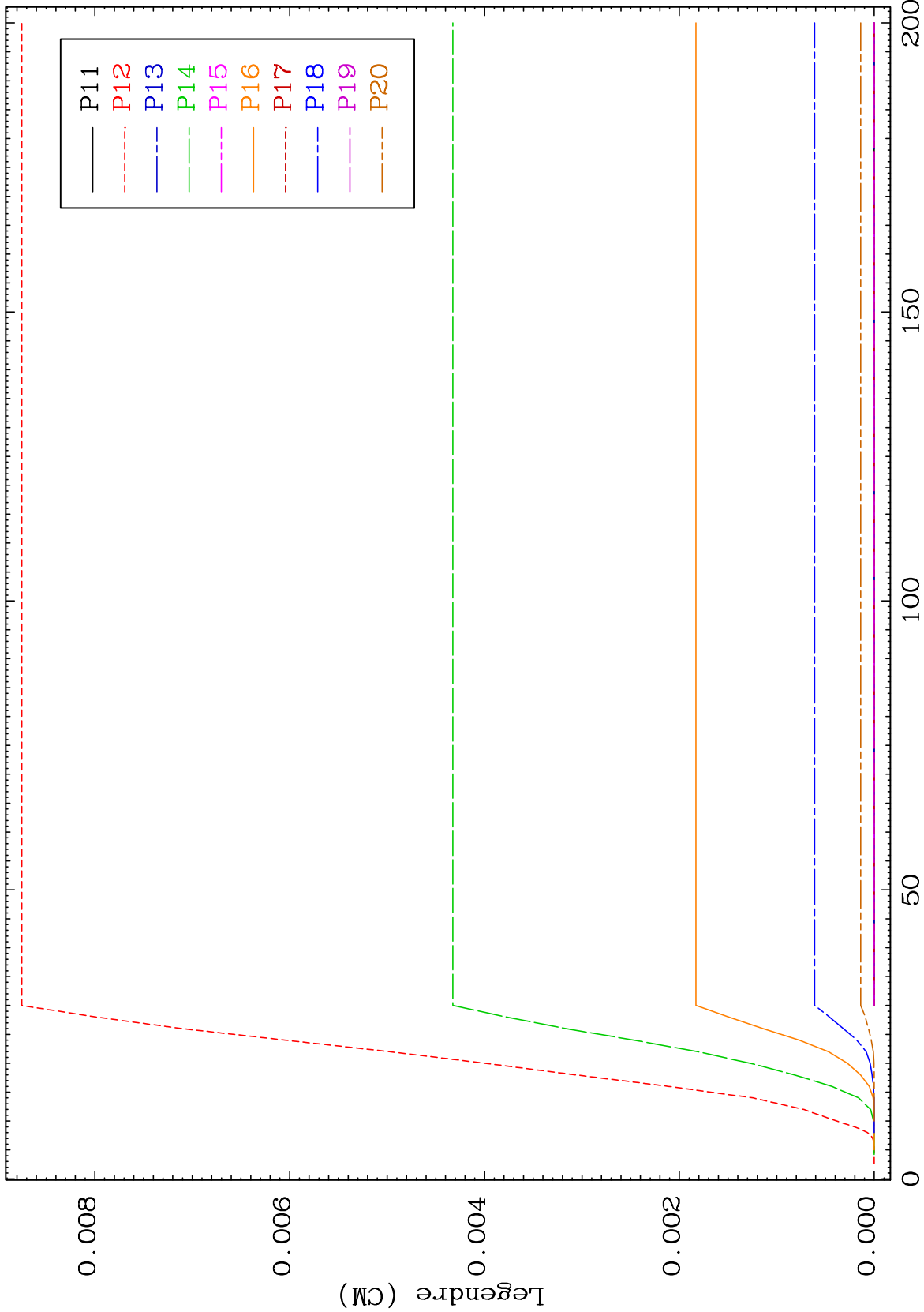
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 79 (n,n') Level
Legendre Coefficients

81-T1-203



128

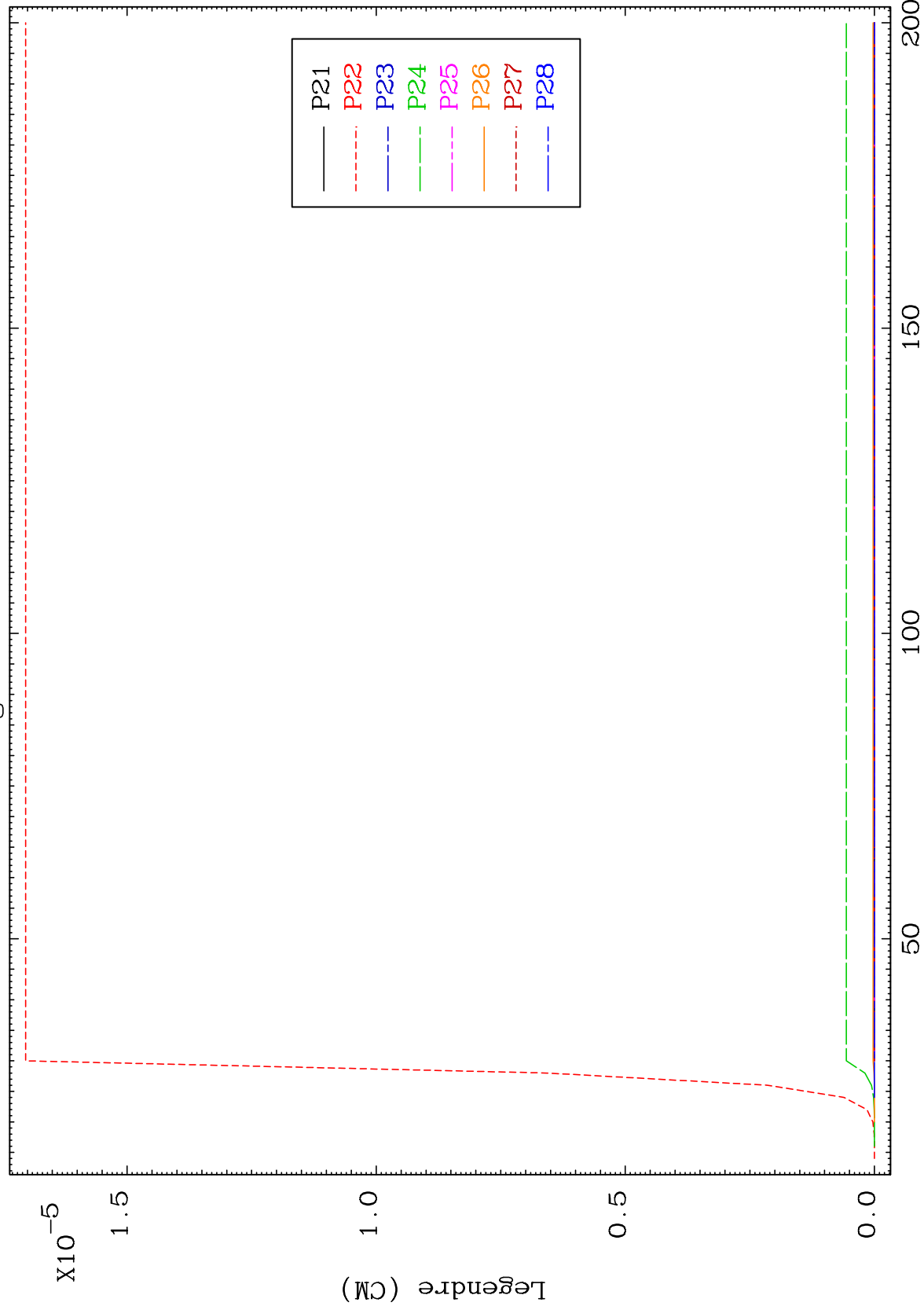
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 79 (n,n') Level
Legendre Coefficients

81-T1-203



129

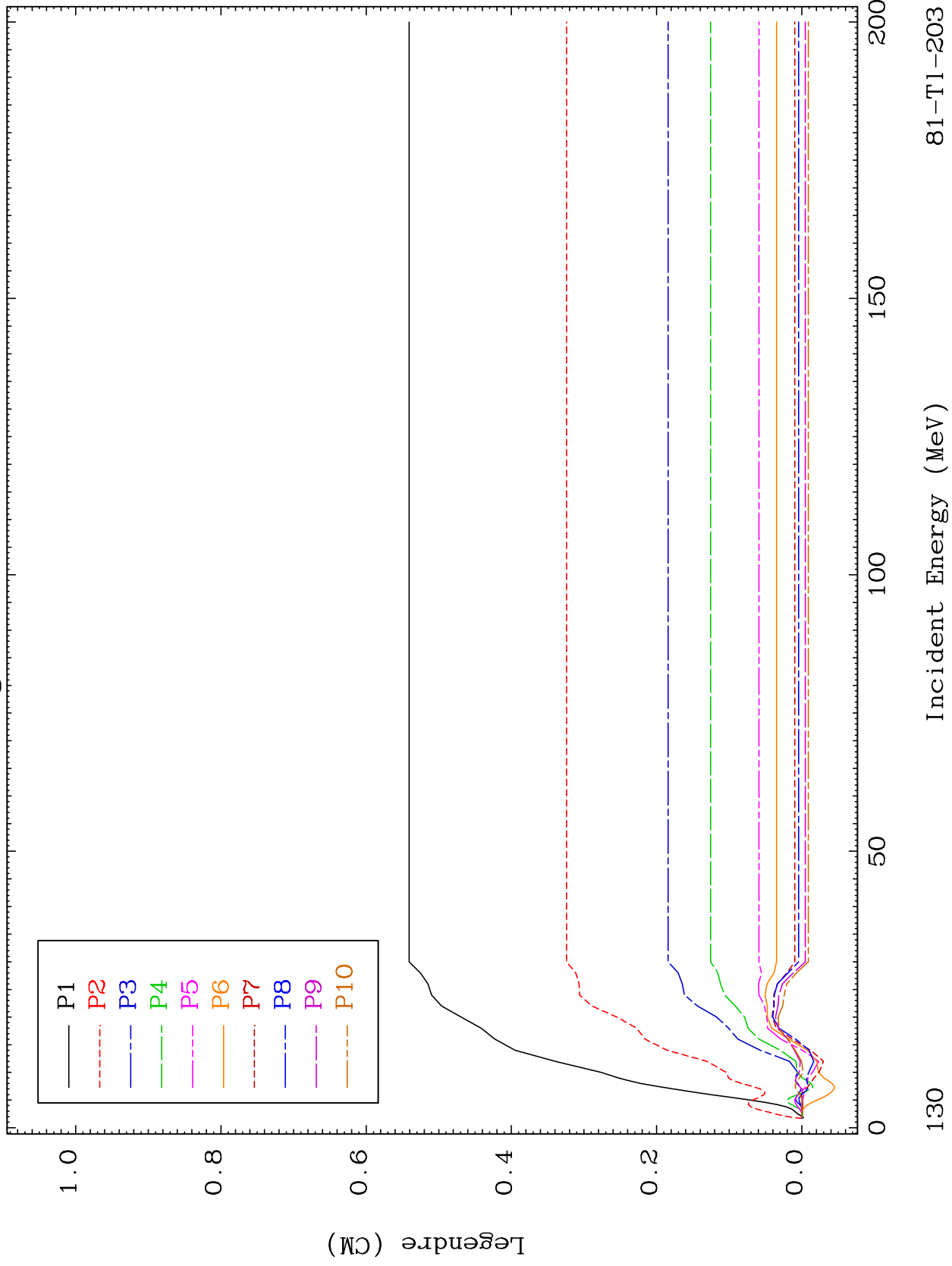
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 80 (n,n') Level
Legendre Coefficients

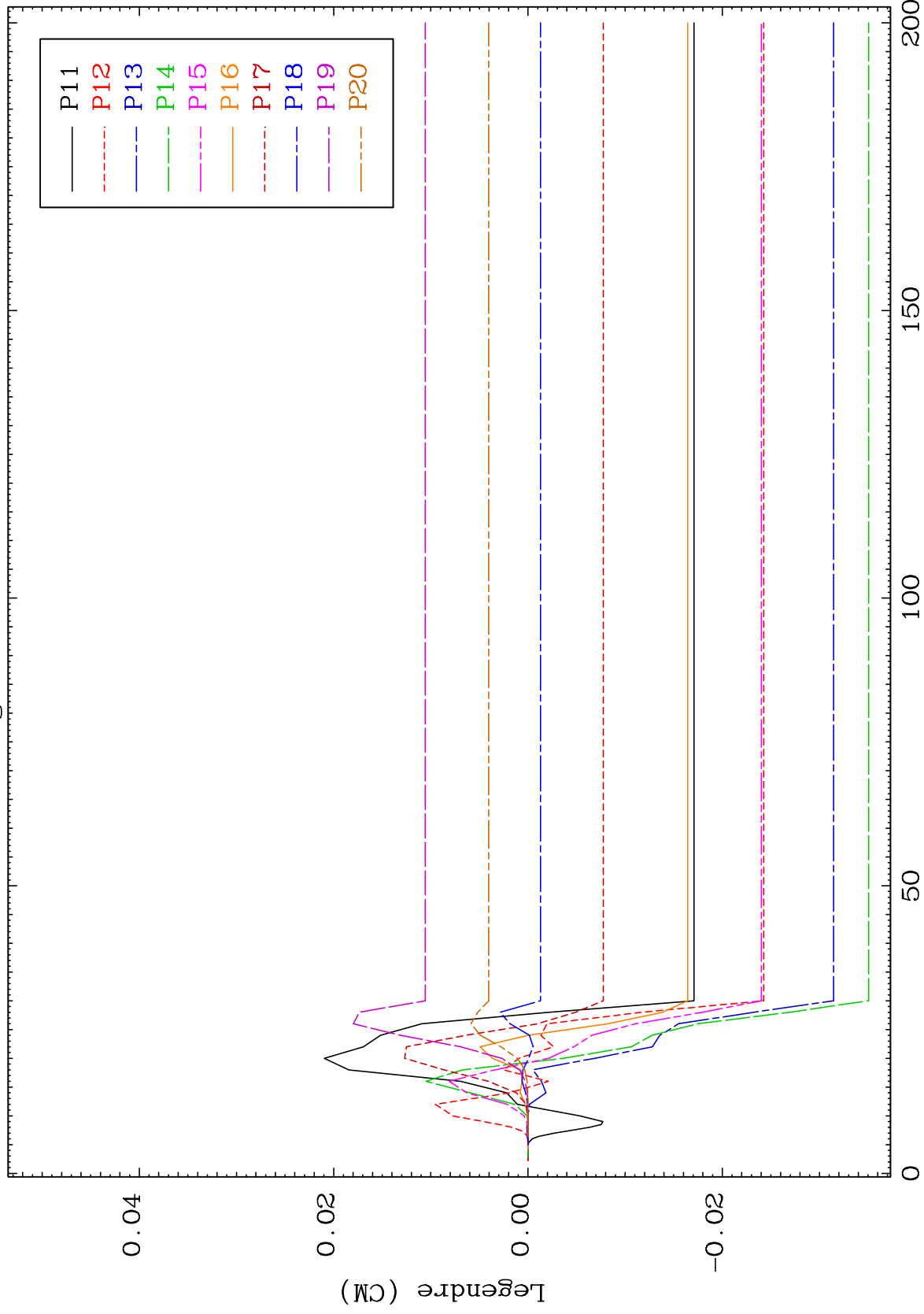
81-T1-203



MAT 8125

MT= 80 (n,n') Level
Legendre Coefficients

81-T1-203



131

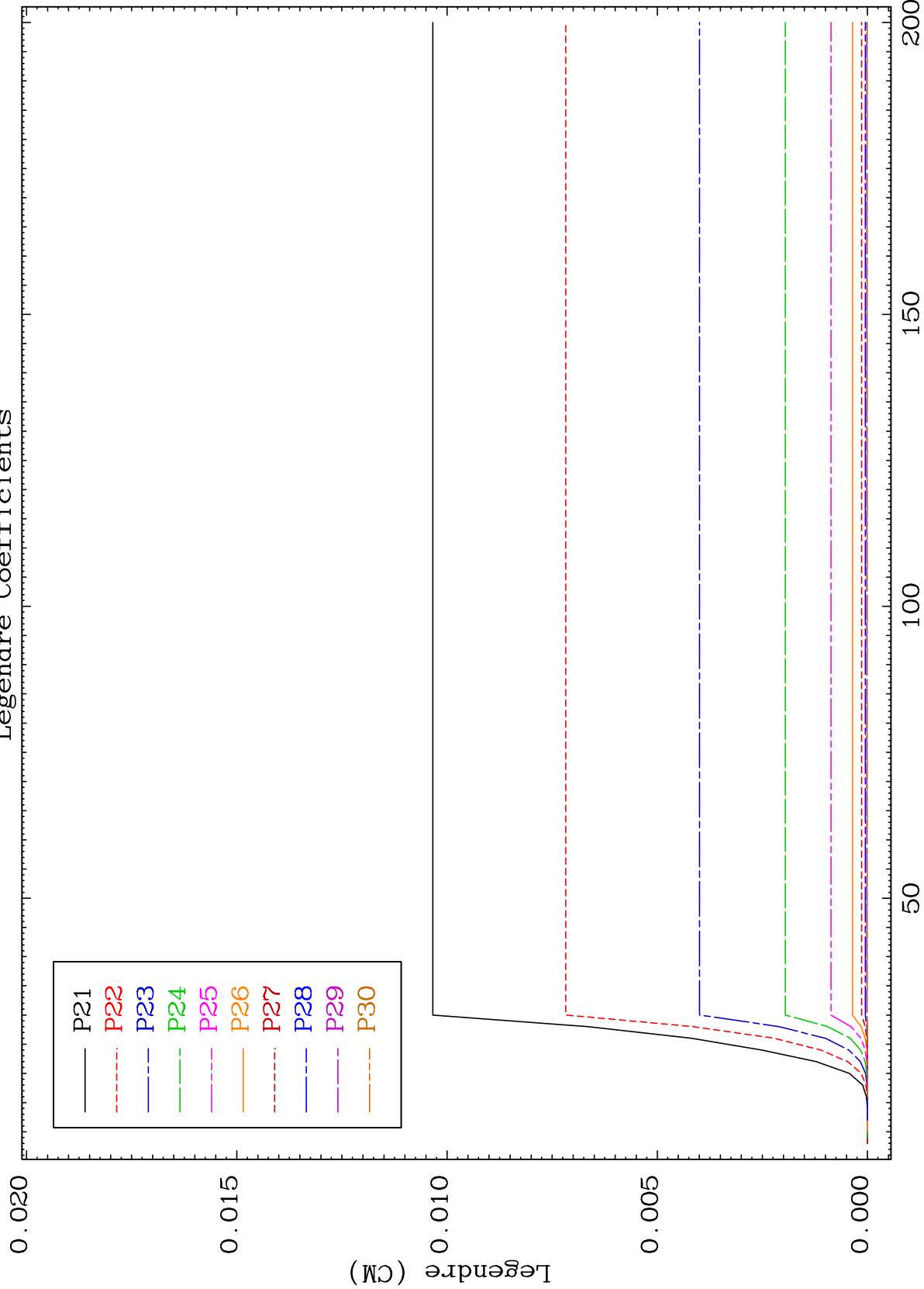
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 80 (n,n') Level
Legendre Coefficients

81-T1-203



132

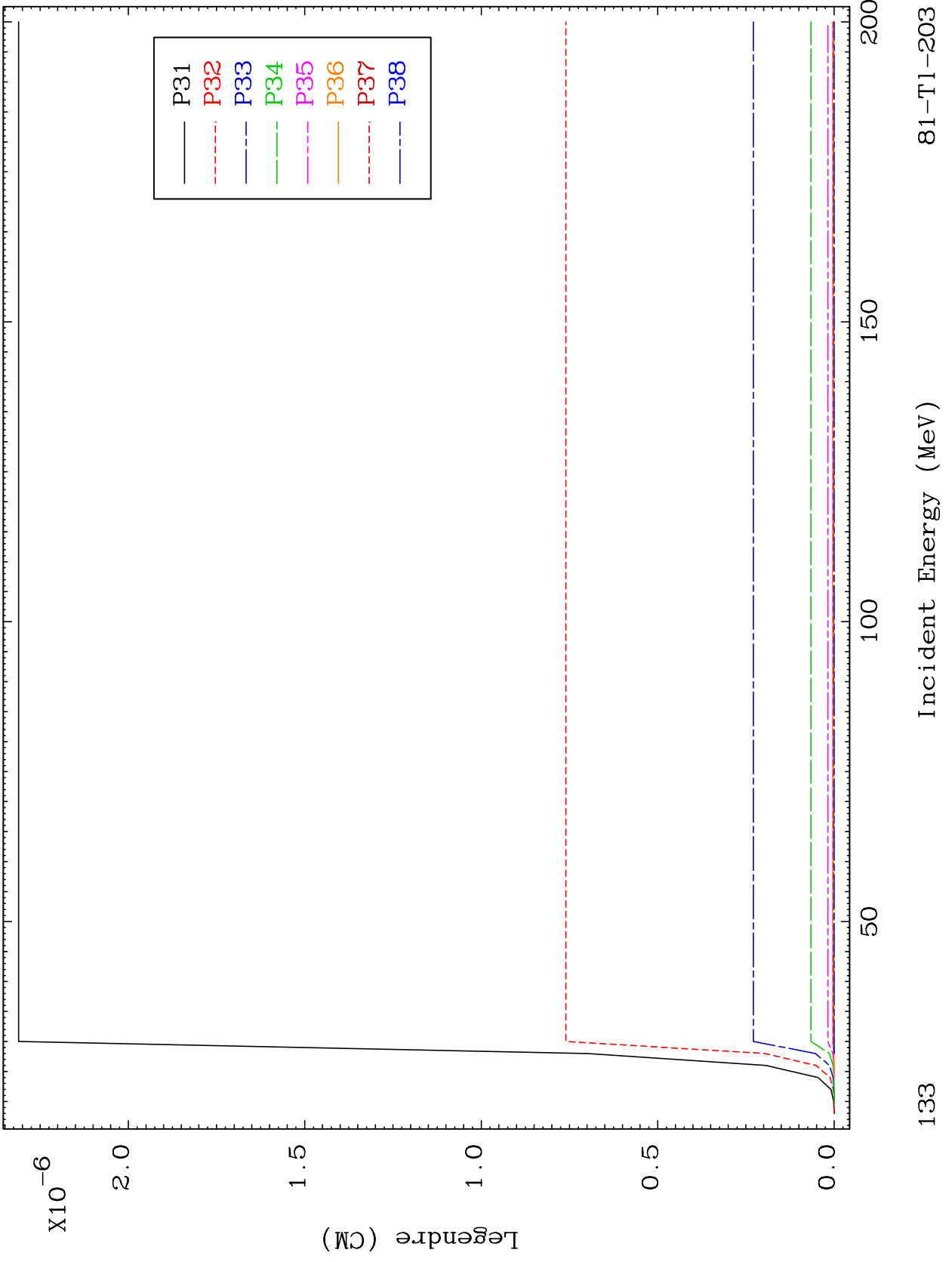
Incident Energy (MeV)

81-T1-203

MAT 8125

MT= 80 (n,n') Level
Legendre Coefficients

81-T1-203



133

Incident Energy (MeV)

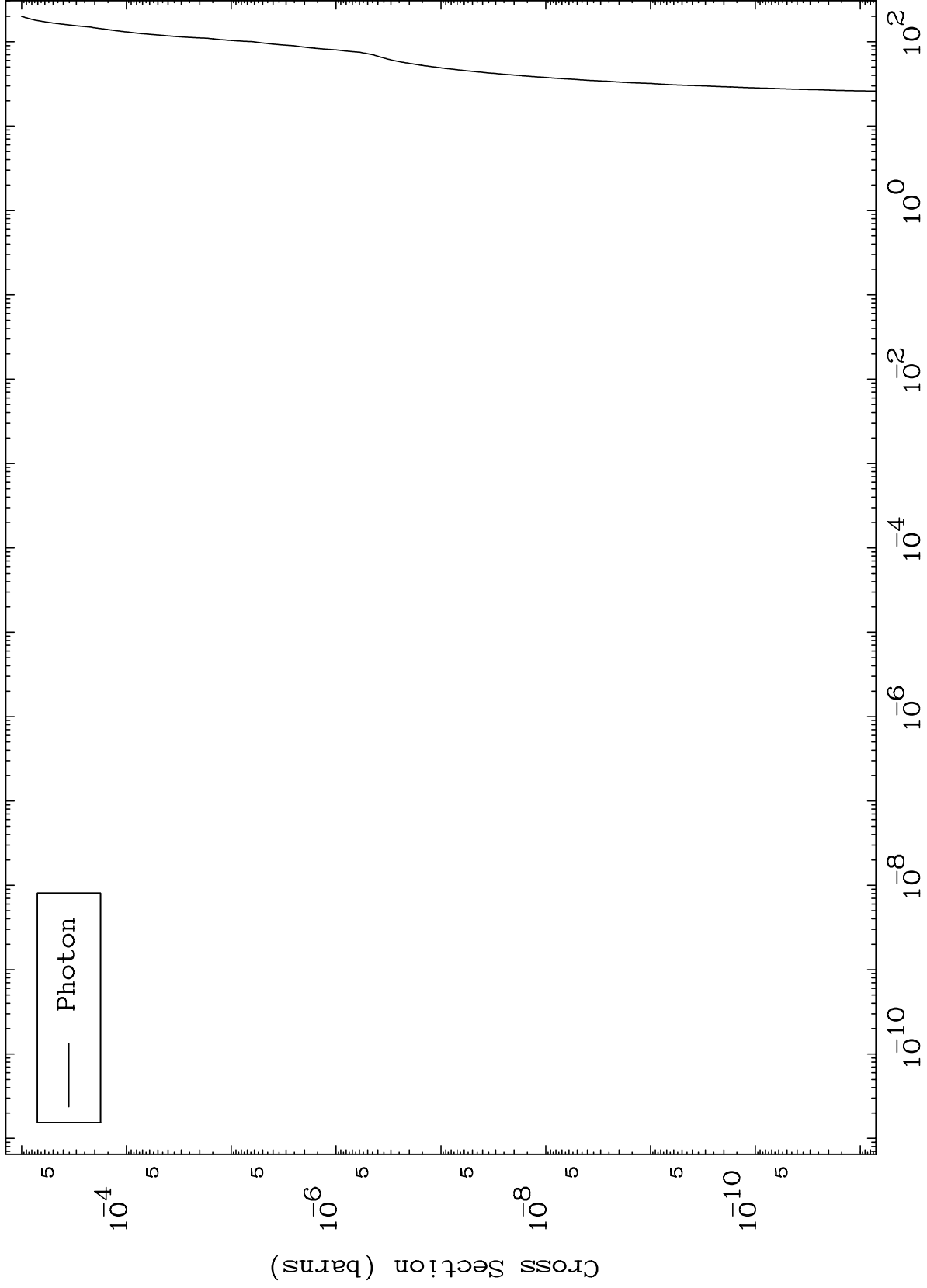
81-T1-203

MAT 8125

Fission

81-Tl-203

Radionuclide Production Cross Section



134

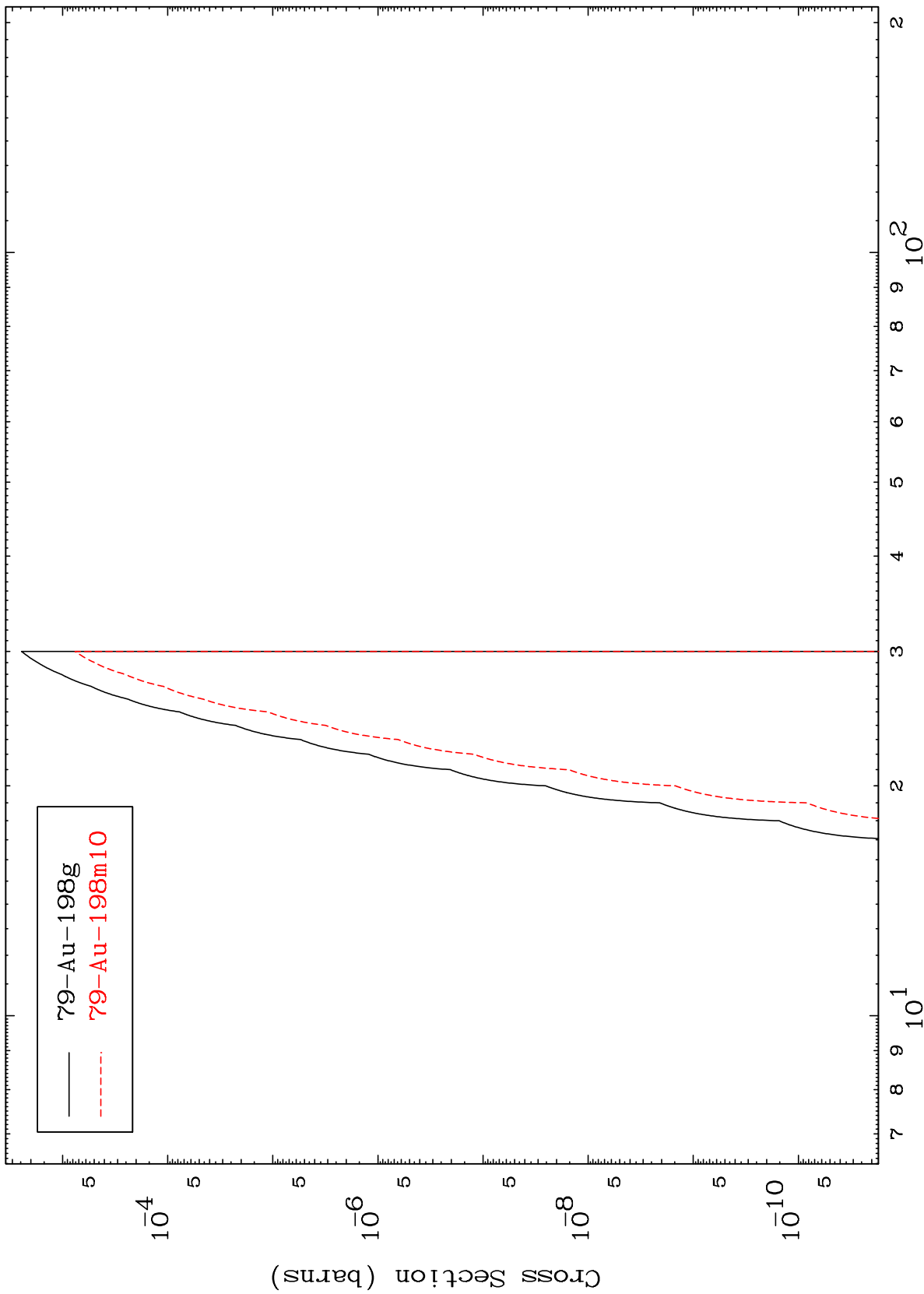
Incident Energy (MeV)

81-Tl-203

MAT 8125

81-T1-203

(n,2n) α
Radionuclide Production Cross Section



135

Incident Energy (MeV)

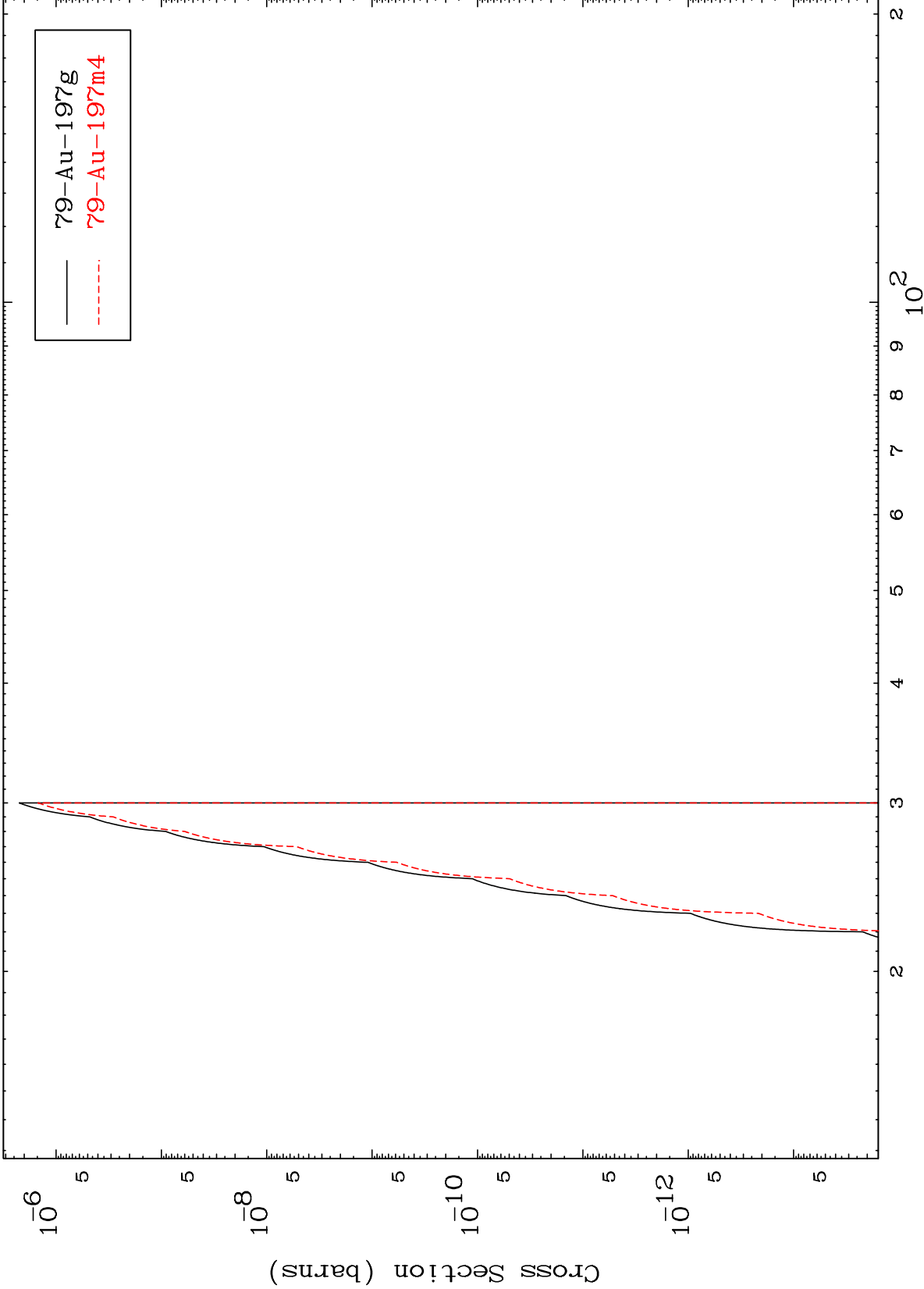
81-T1-203

MAT 8125

(n,3n) α

81-Tl-203

Radionuclide Production Cross Section



136

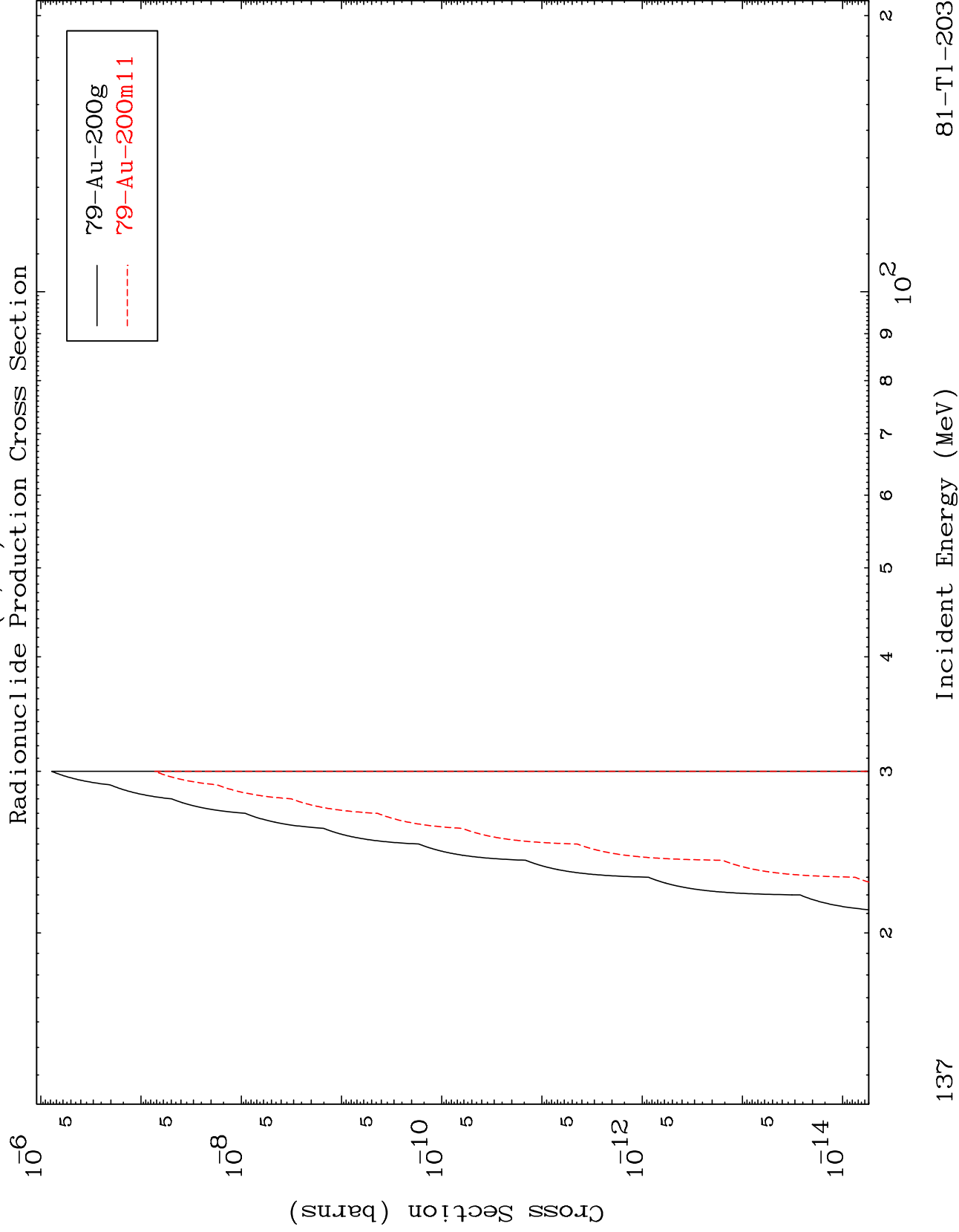
Incident Energy (MeV)

81-Tl-203

MAT 8125

(n,n') He-3

81-T1-203



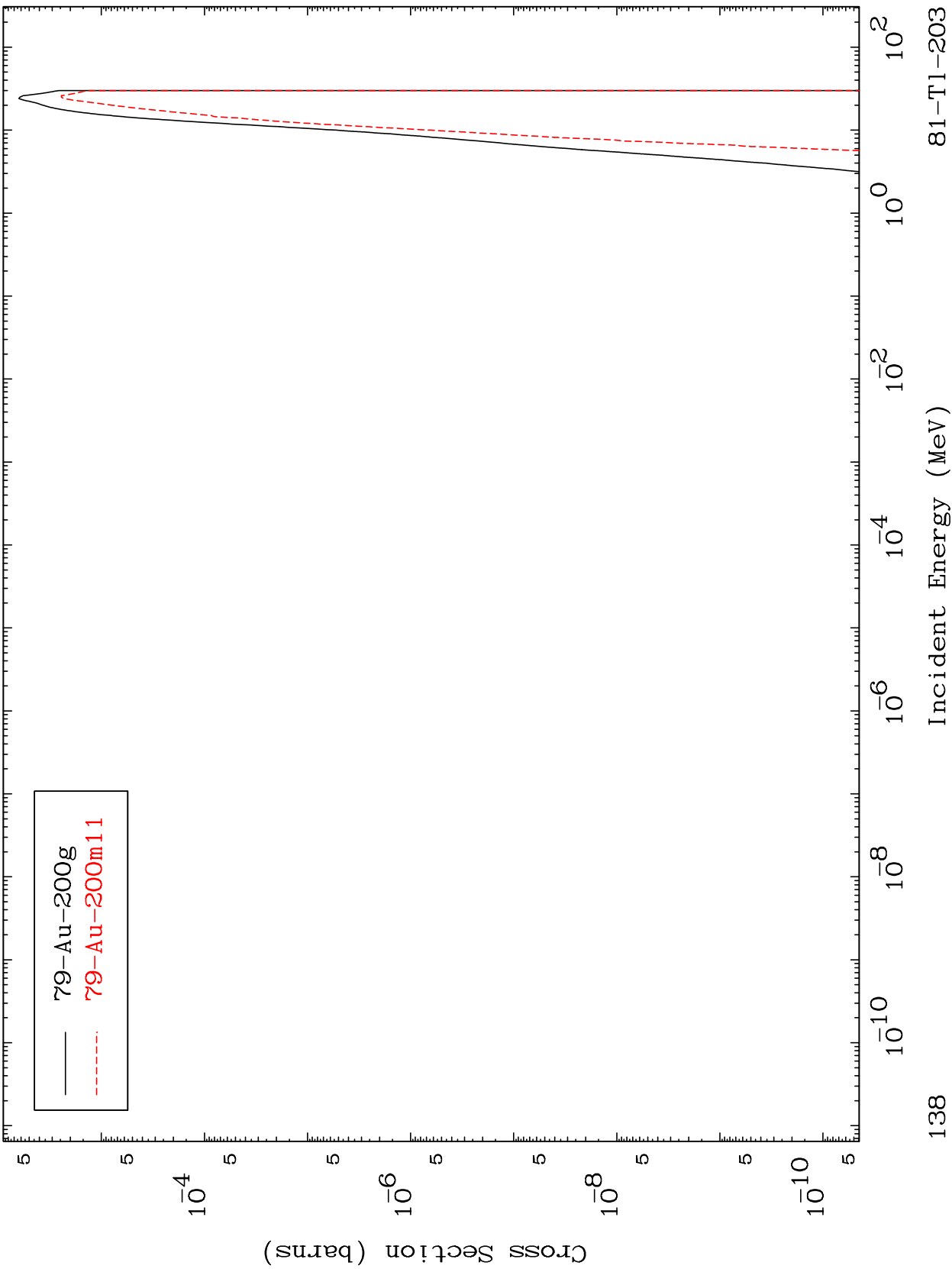
137

MAT 8125

(n, α)

81-Tl-203

Radionuclide Production Cross Section



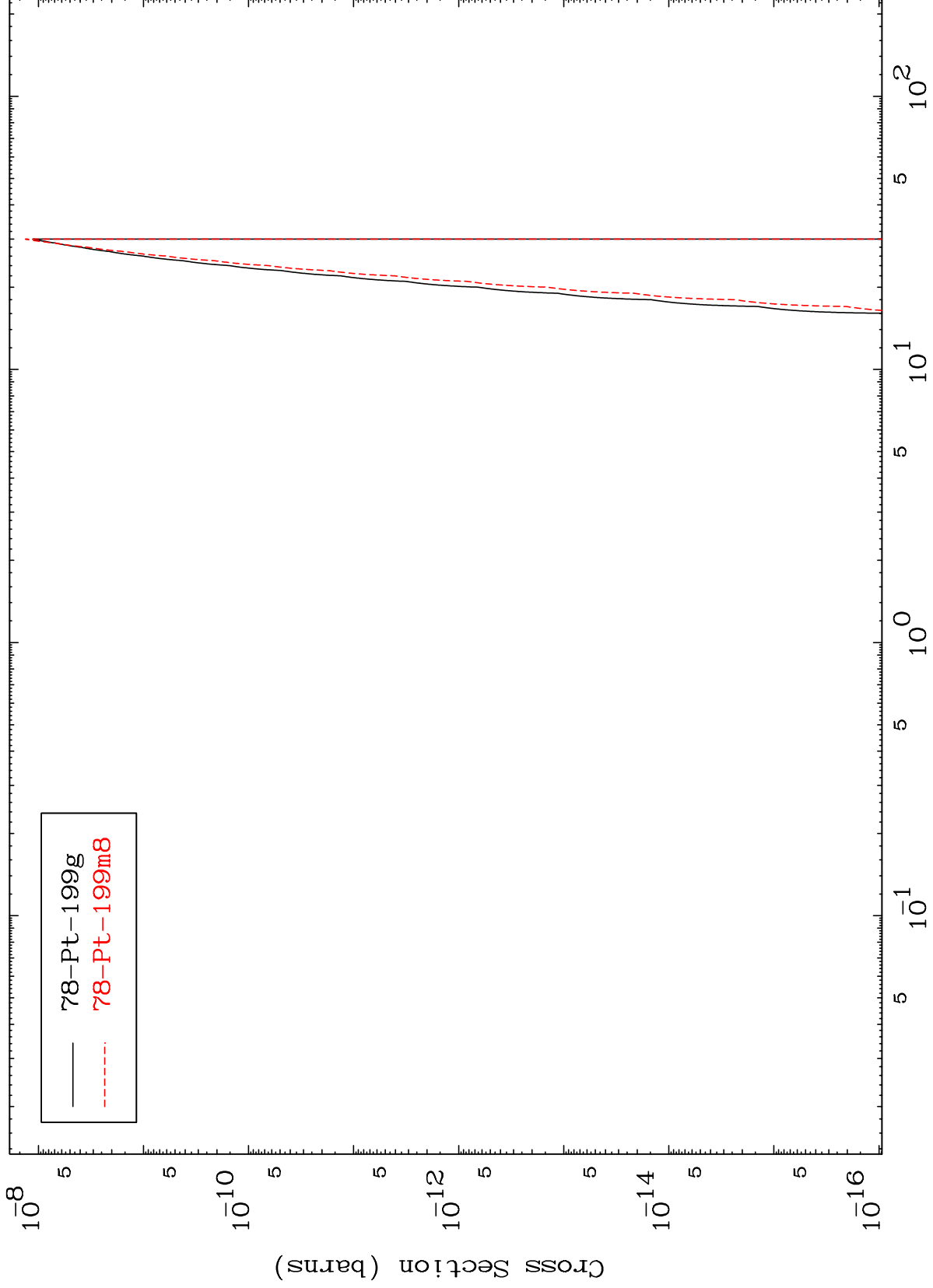
— 79-Au-200g
- - - 79-Au-200m11

MAT 8125

(n,p) α

81-Tl-203

Radionuclide Production Cross Section



139

Incident Energy (MeV)

81-Tl-203