

Program EVALPLOT
(Version 2021-1)

by

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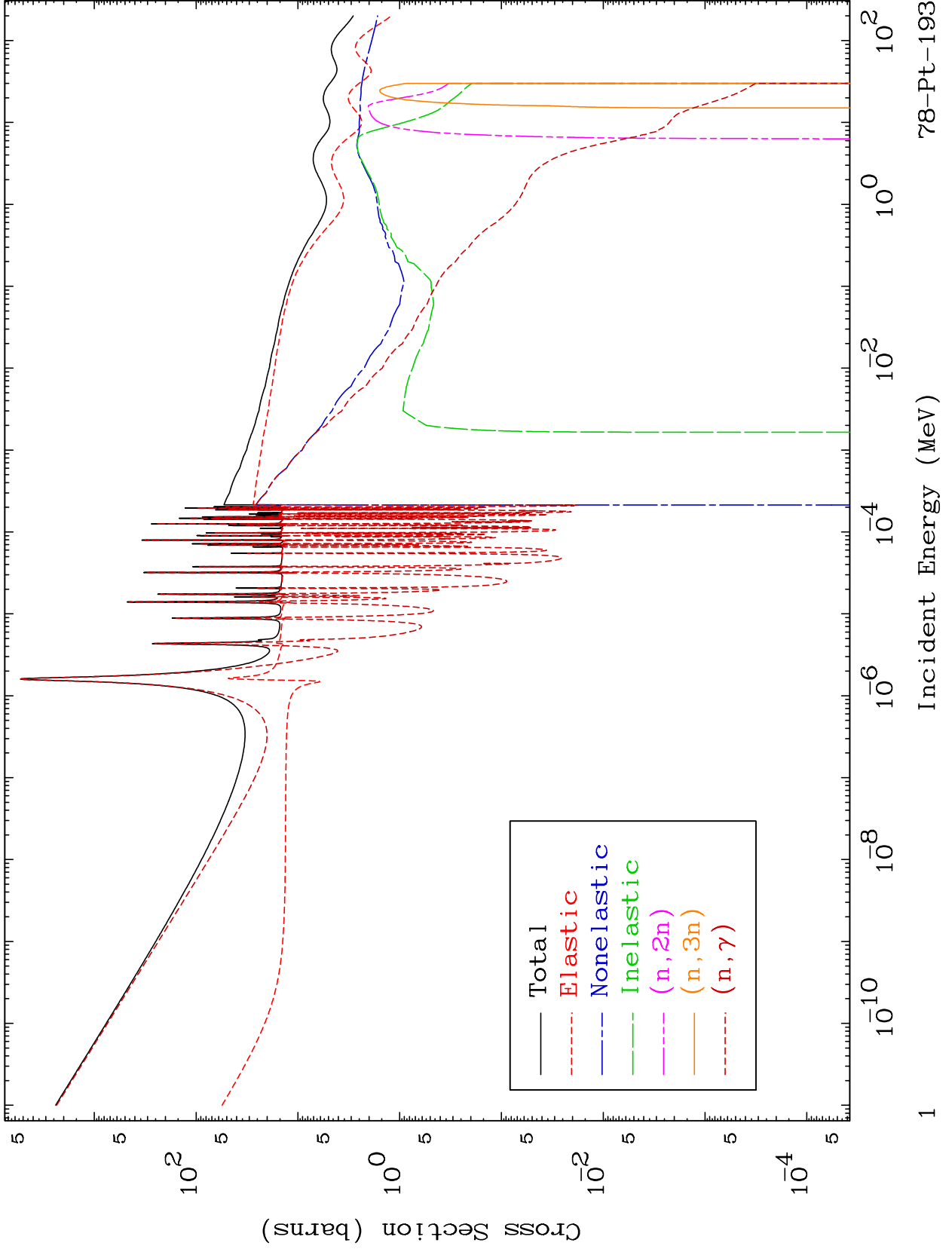
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7834

Neutron Major
293 Kelvin Cross Sections

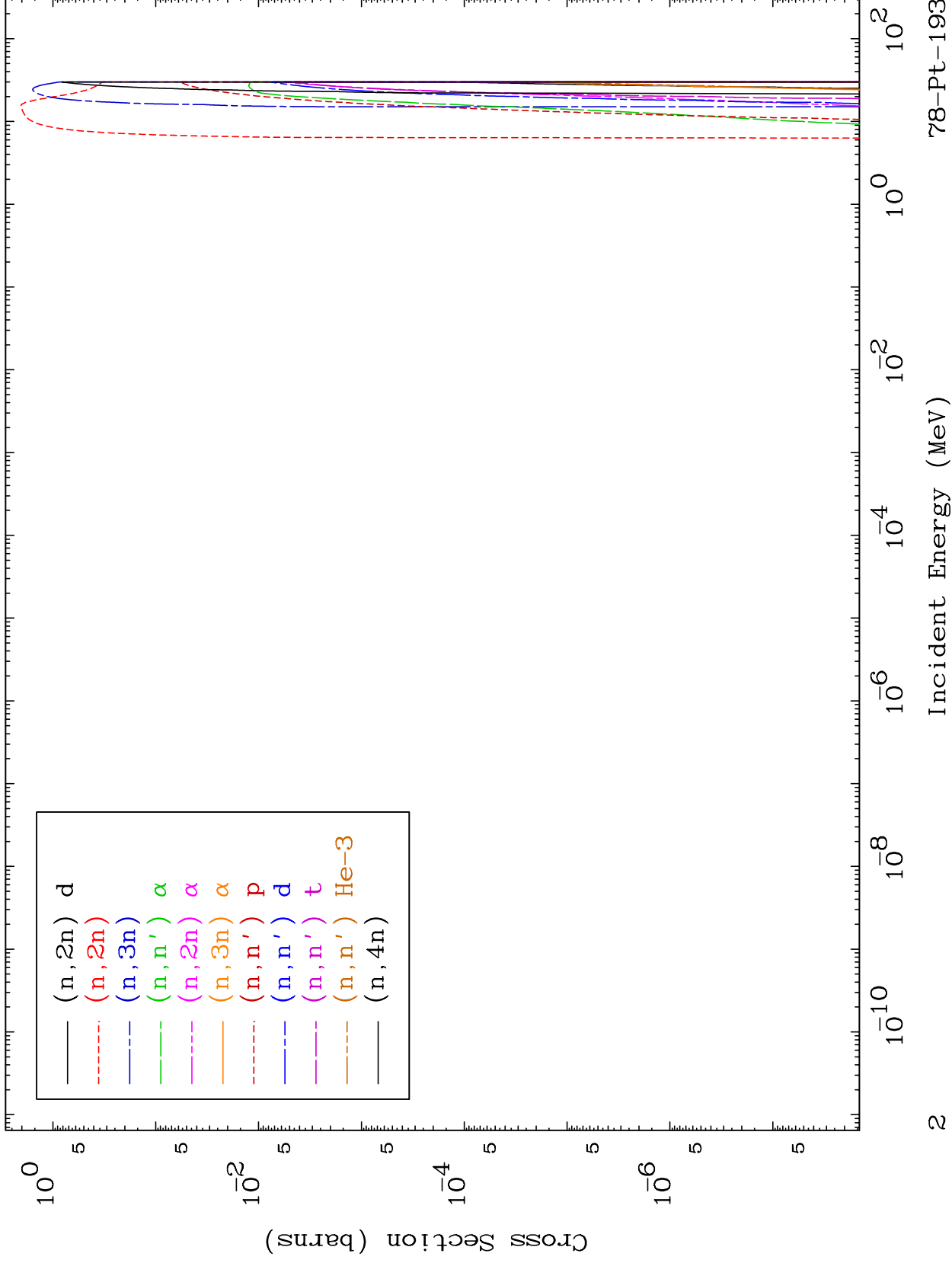
78-Pt-193

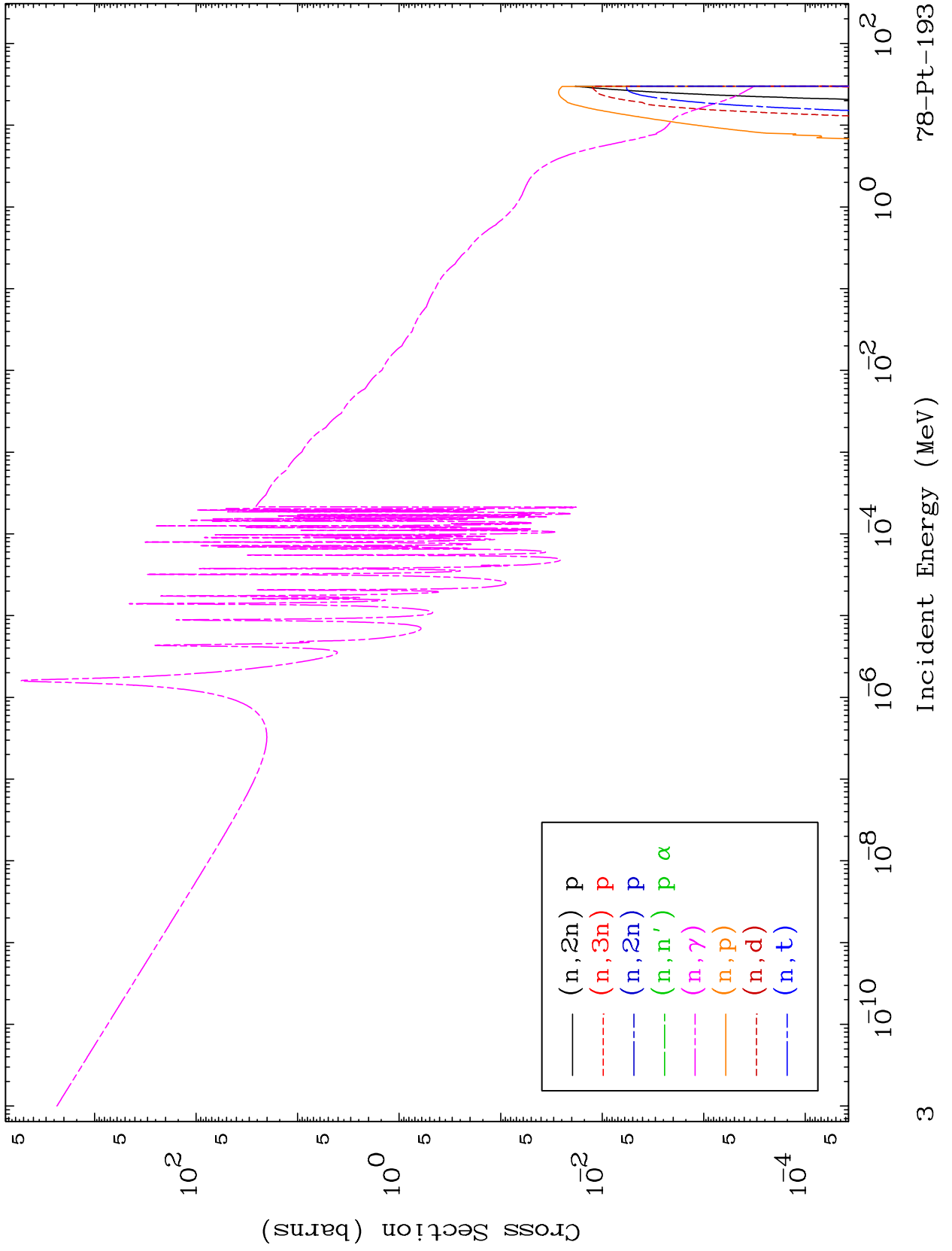


MAT 7834

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-193

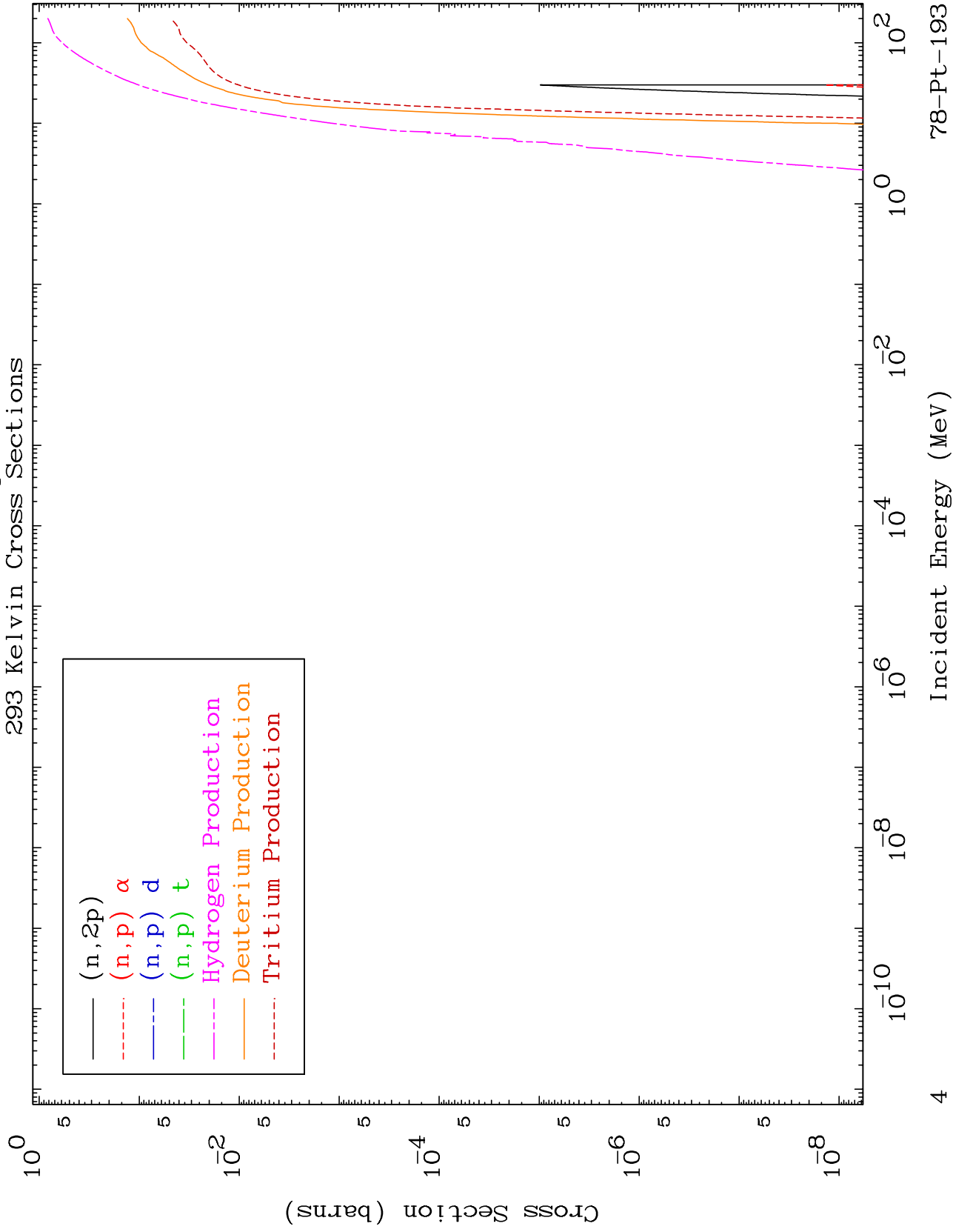


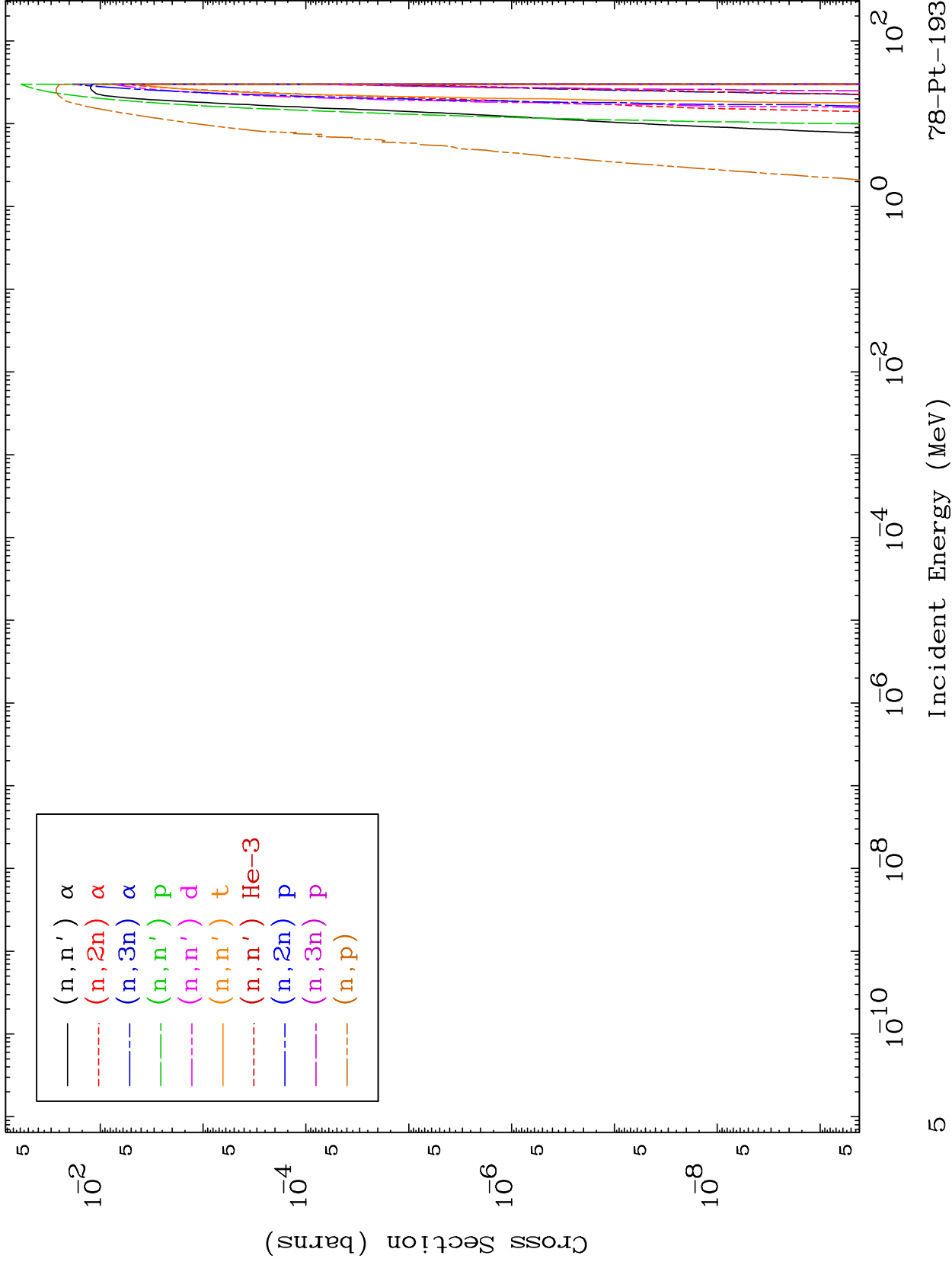


MAT 7834

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-193

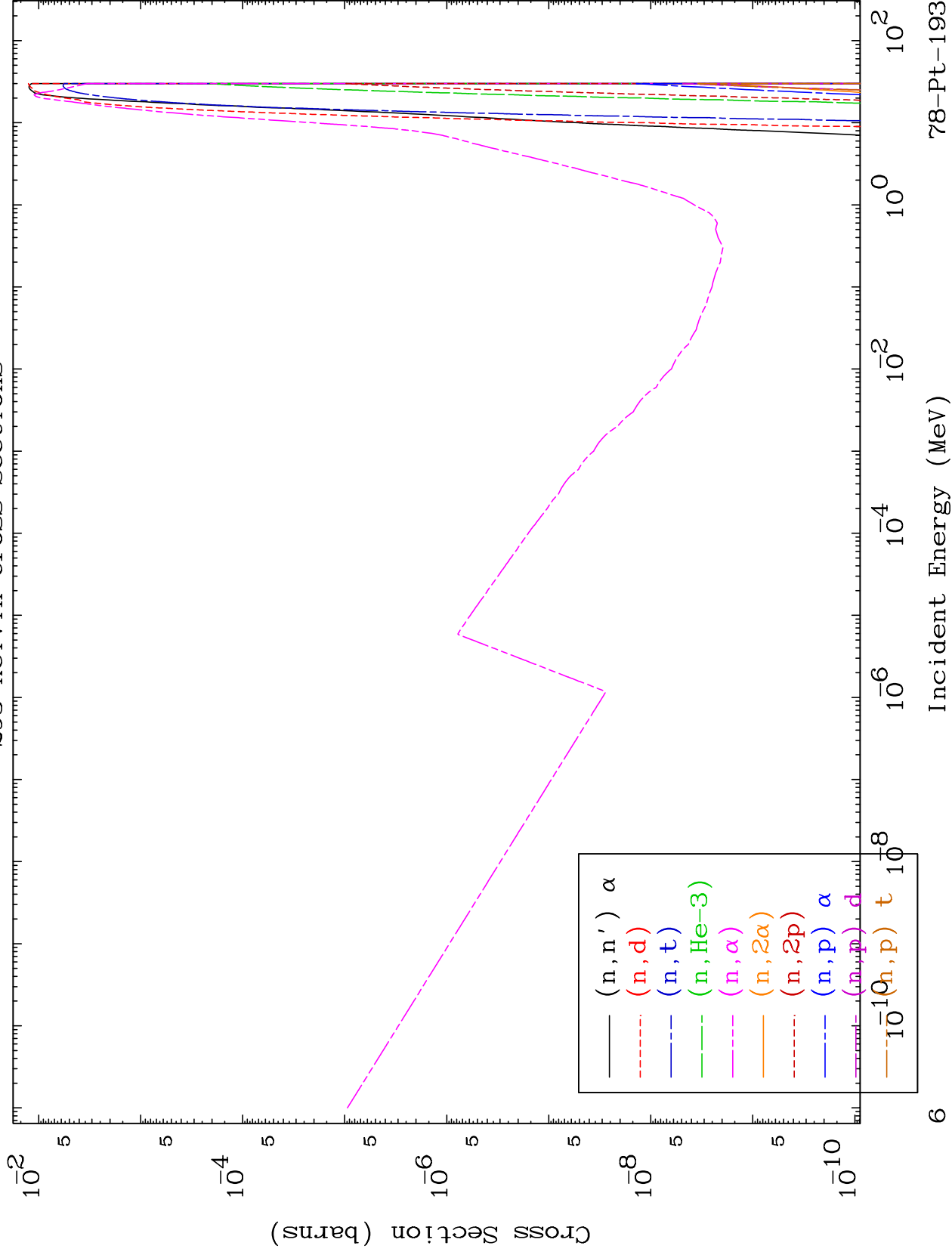




MAT 7834

Charged Particle
293 Kelvin Cross Sections

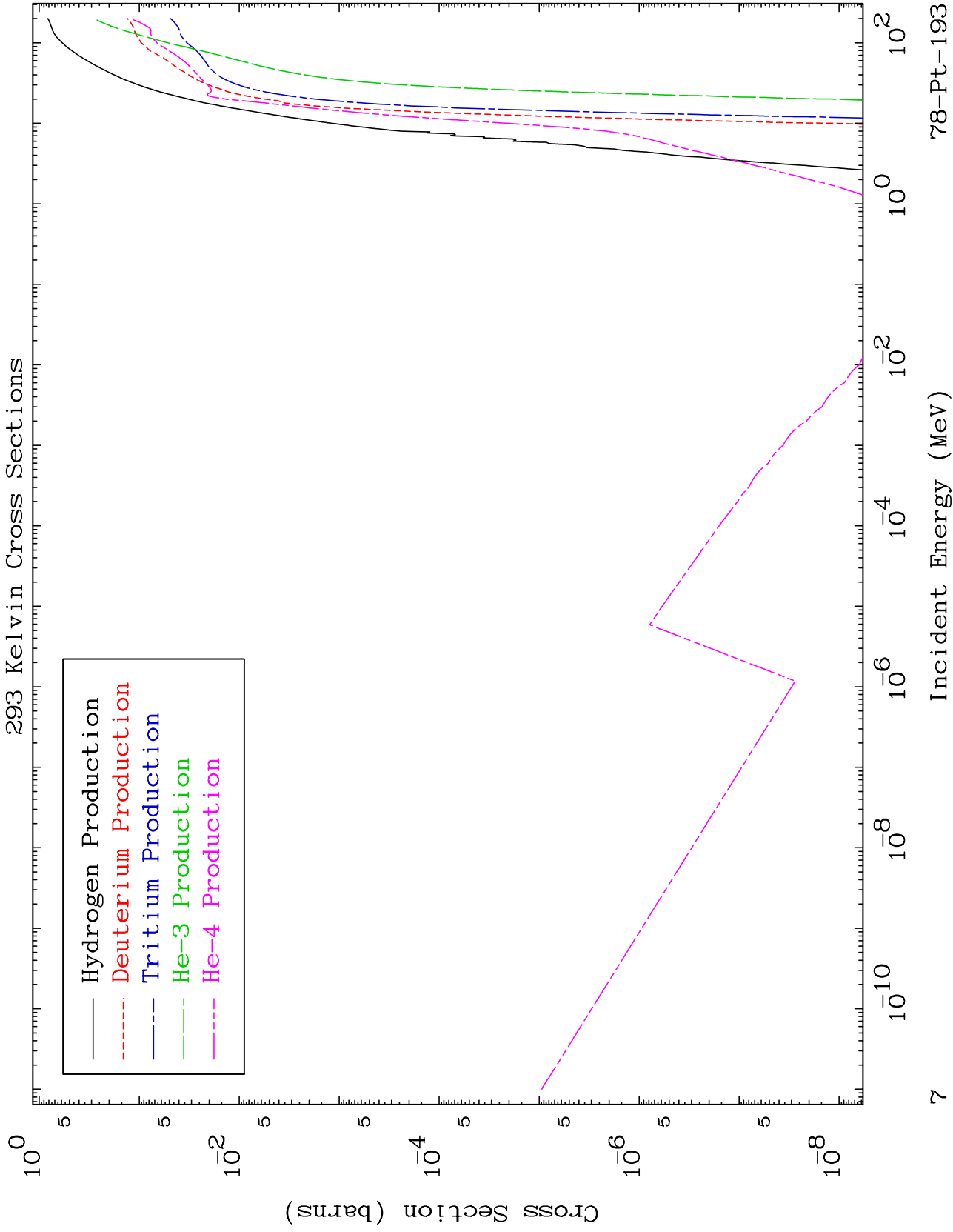
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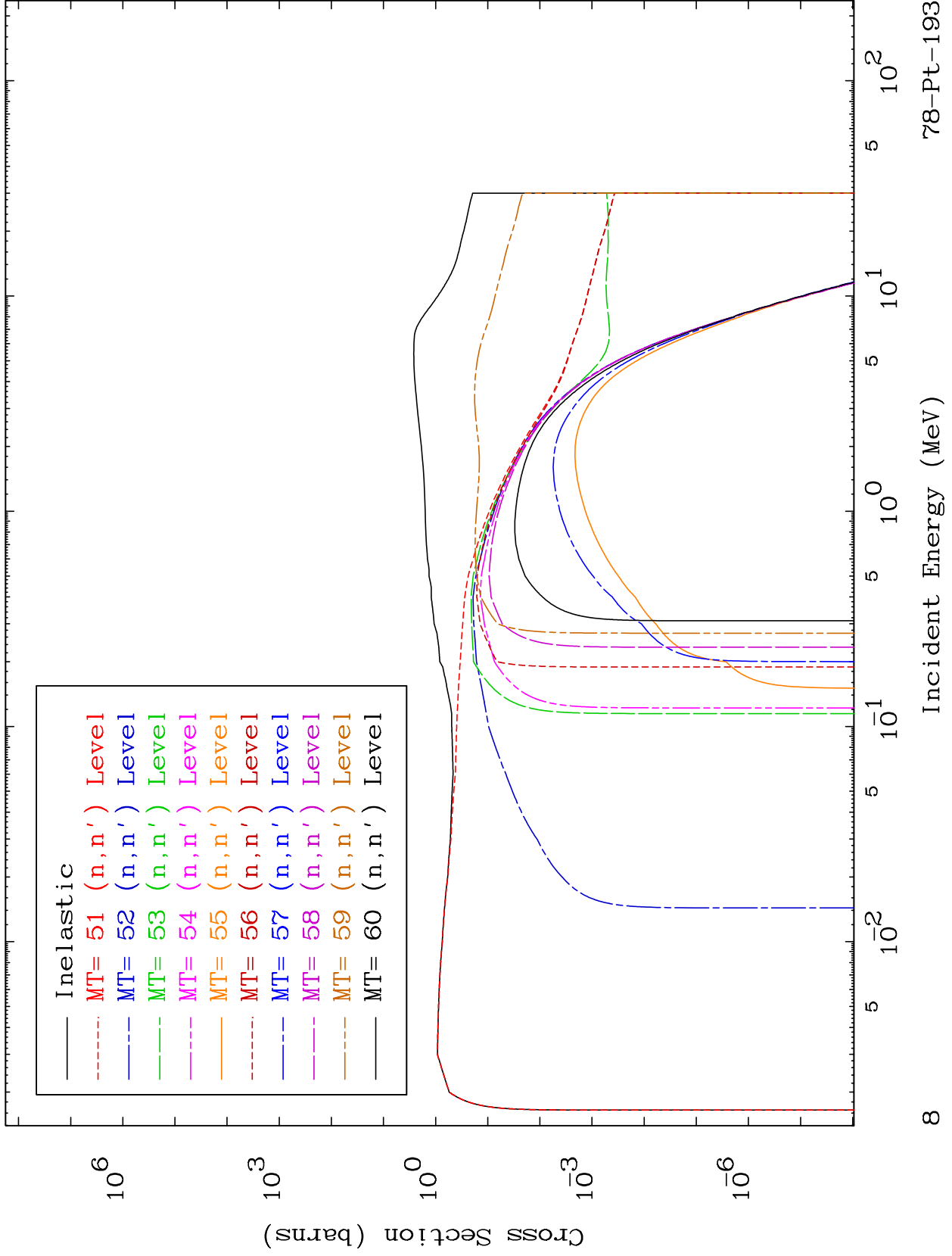


MAT 7834

Particle Production
293 Kelvin Cross Sections

78-Pt-193

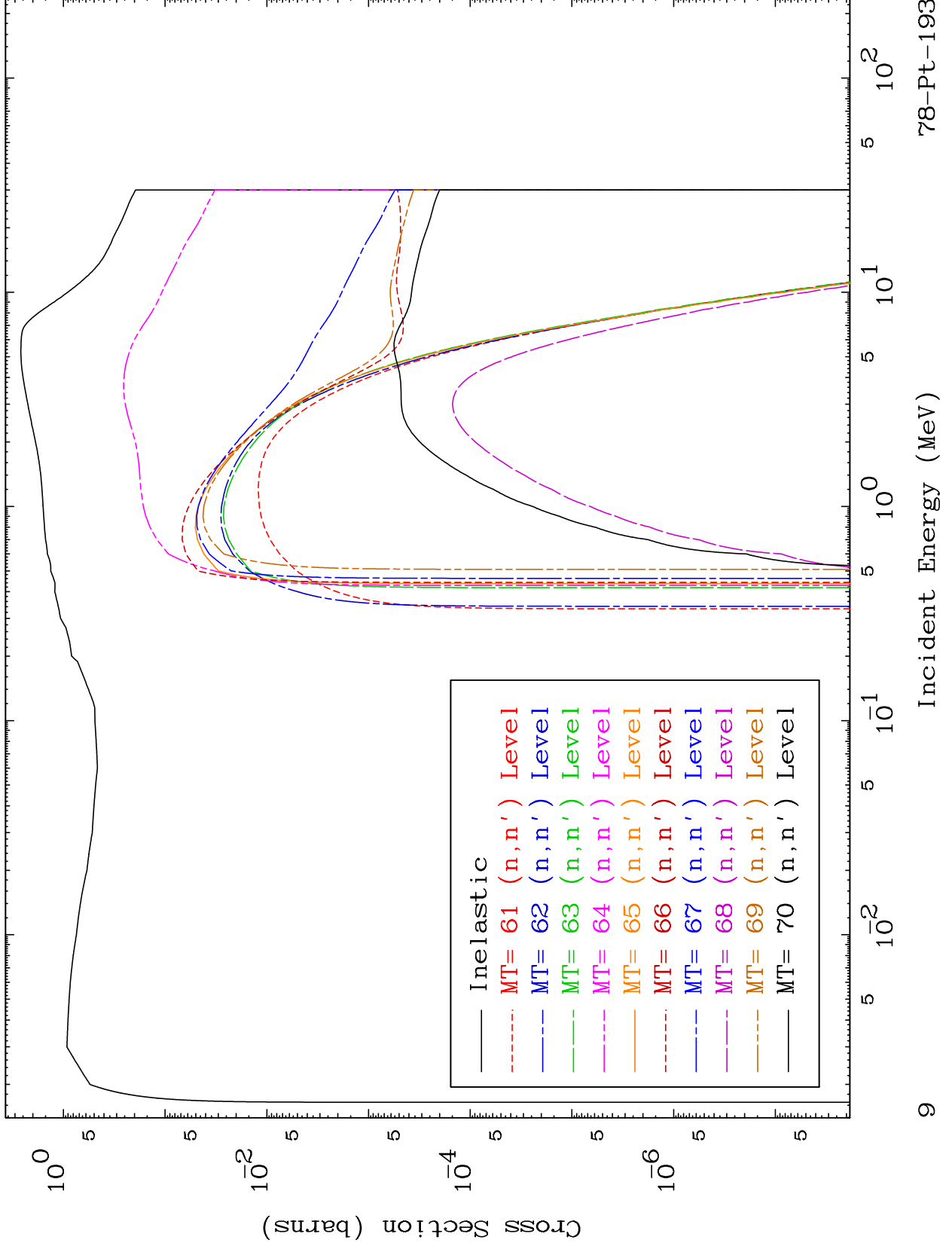




MAT 7834

(n,n') Levels
293 Kelvin Cross Sections

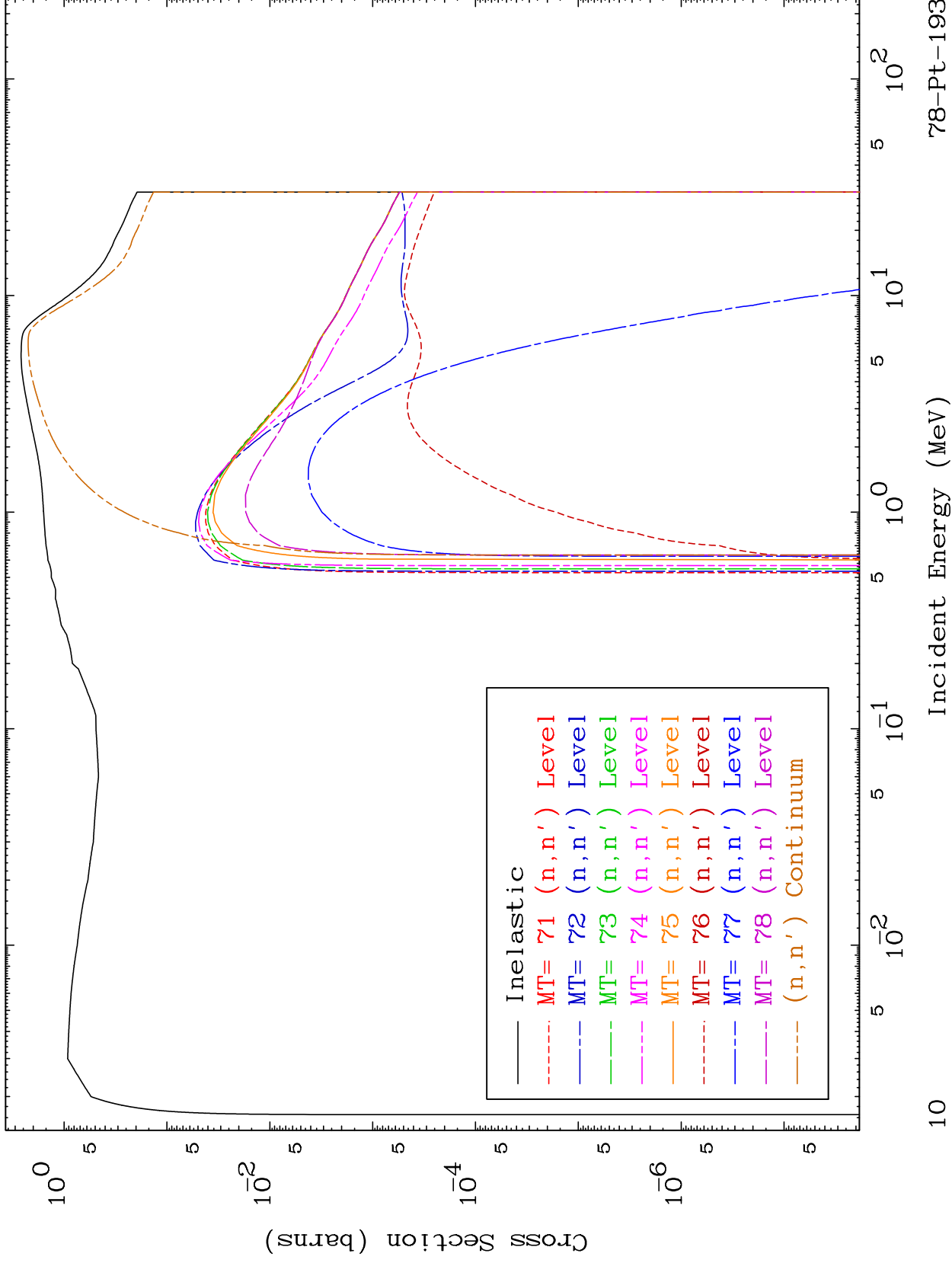
78-Pt-193



MAT 7834

78-Pt-193

(n,n') Levels
293 Kelvin Cross Sections



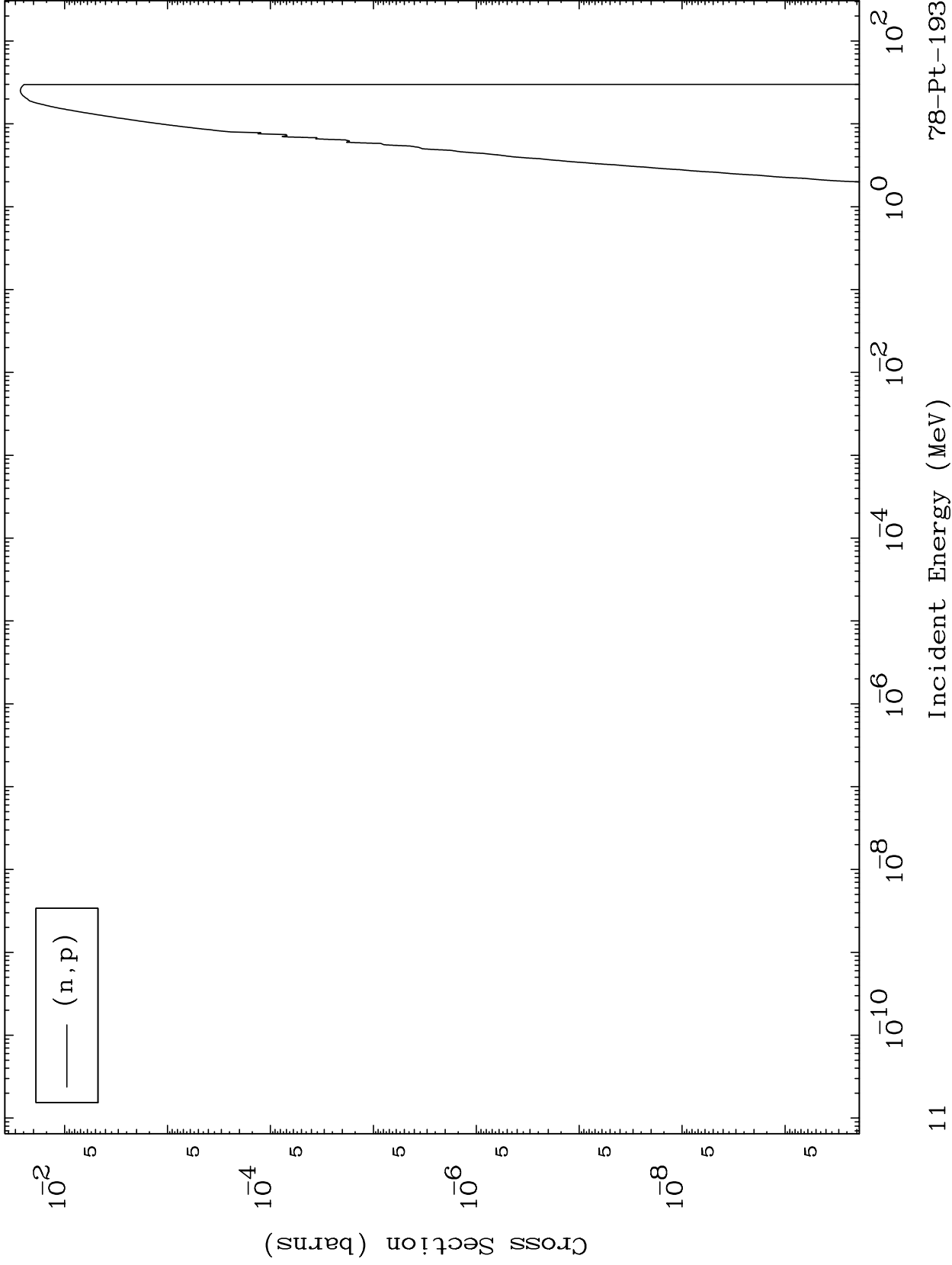
10

78-Pt-193

MAT 7834

(n,p) Levels
293 Kelvin Cross Sections

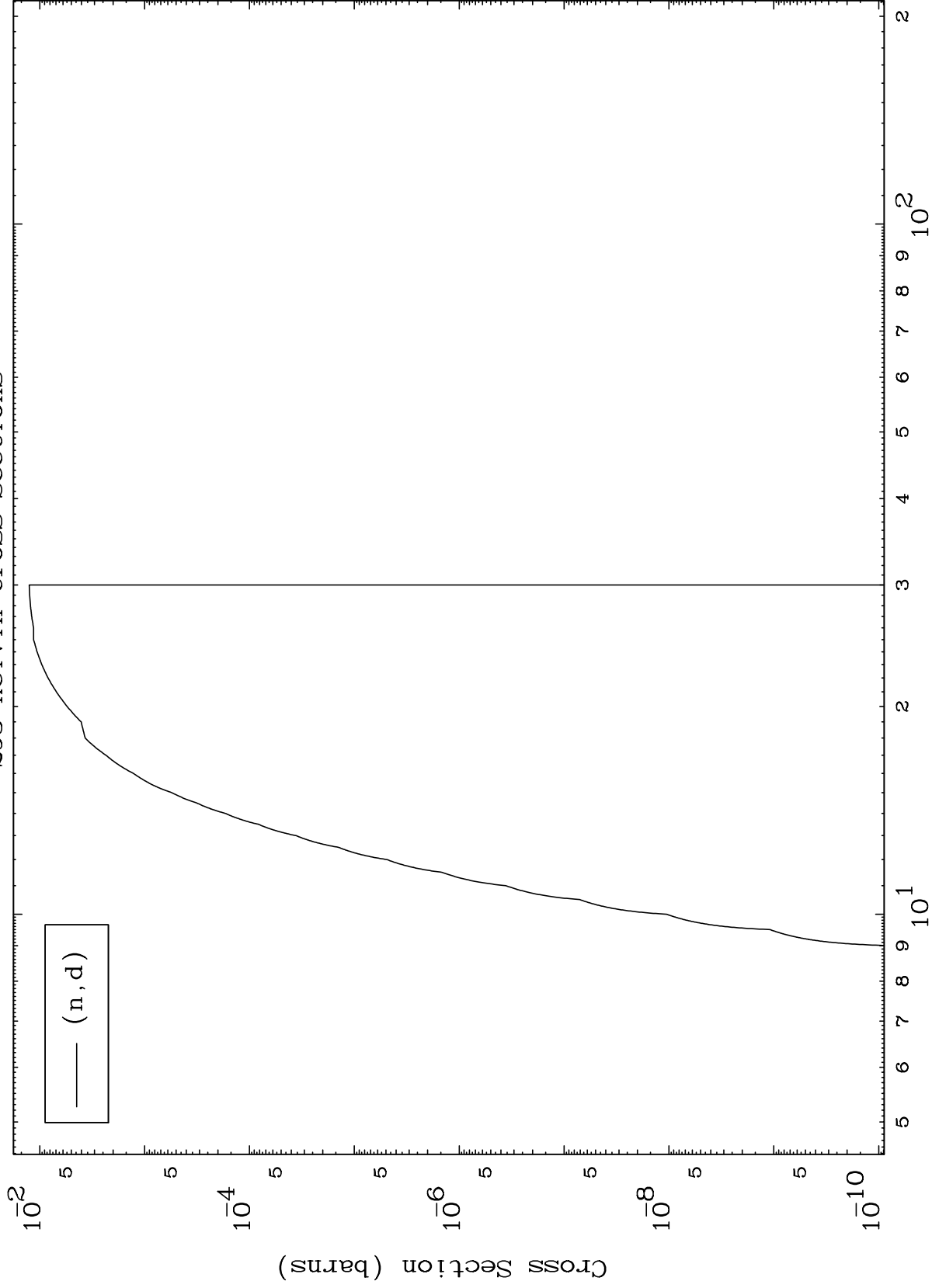
78-Pt-193



MAT 7834

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-193



12

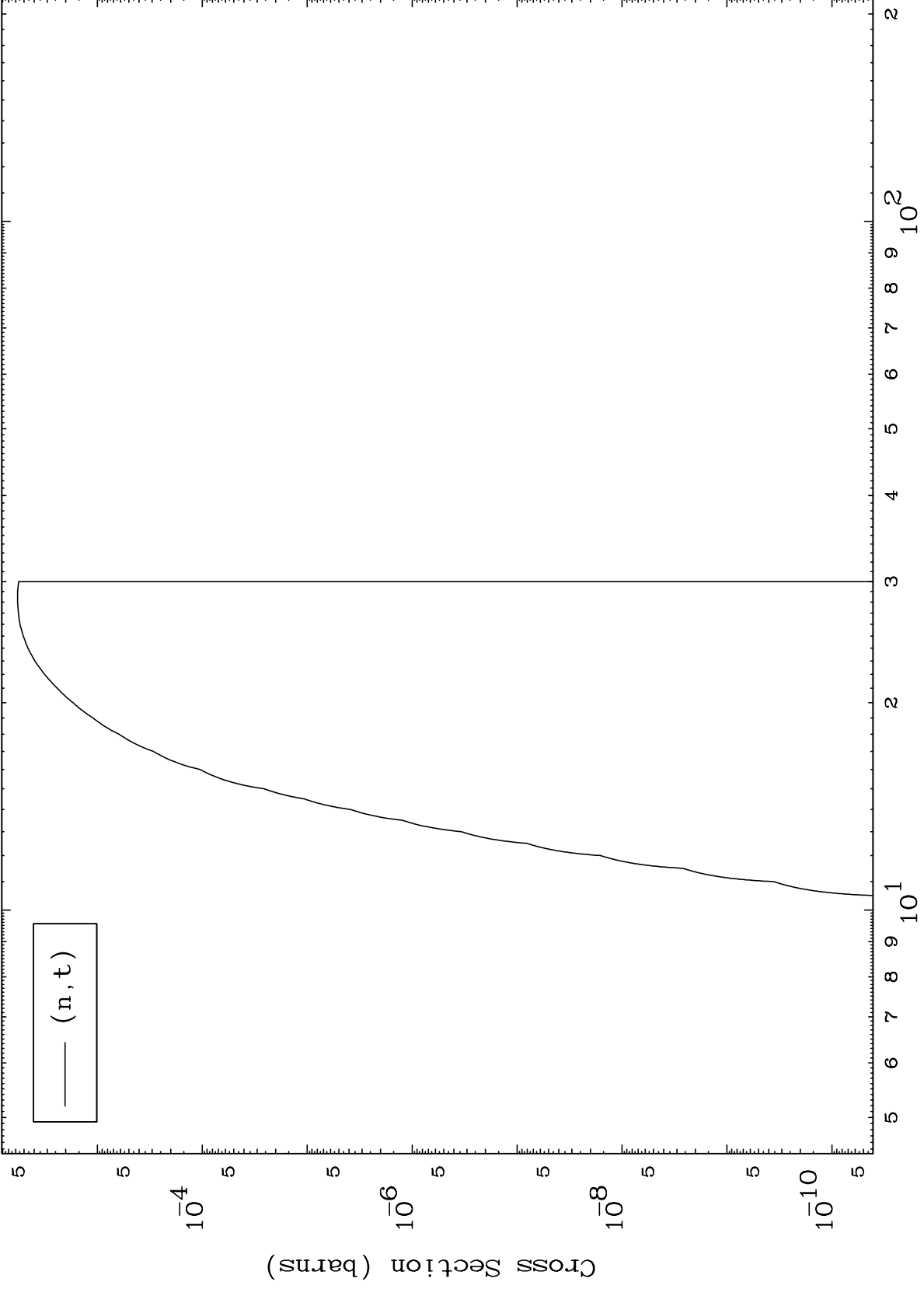
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-193



13

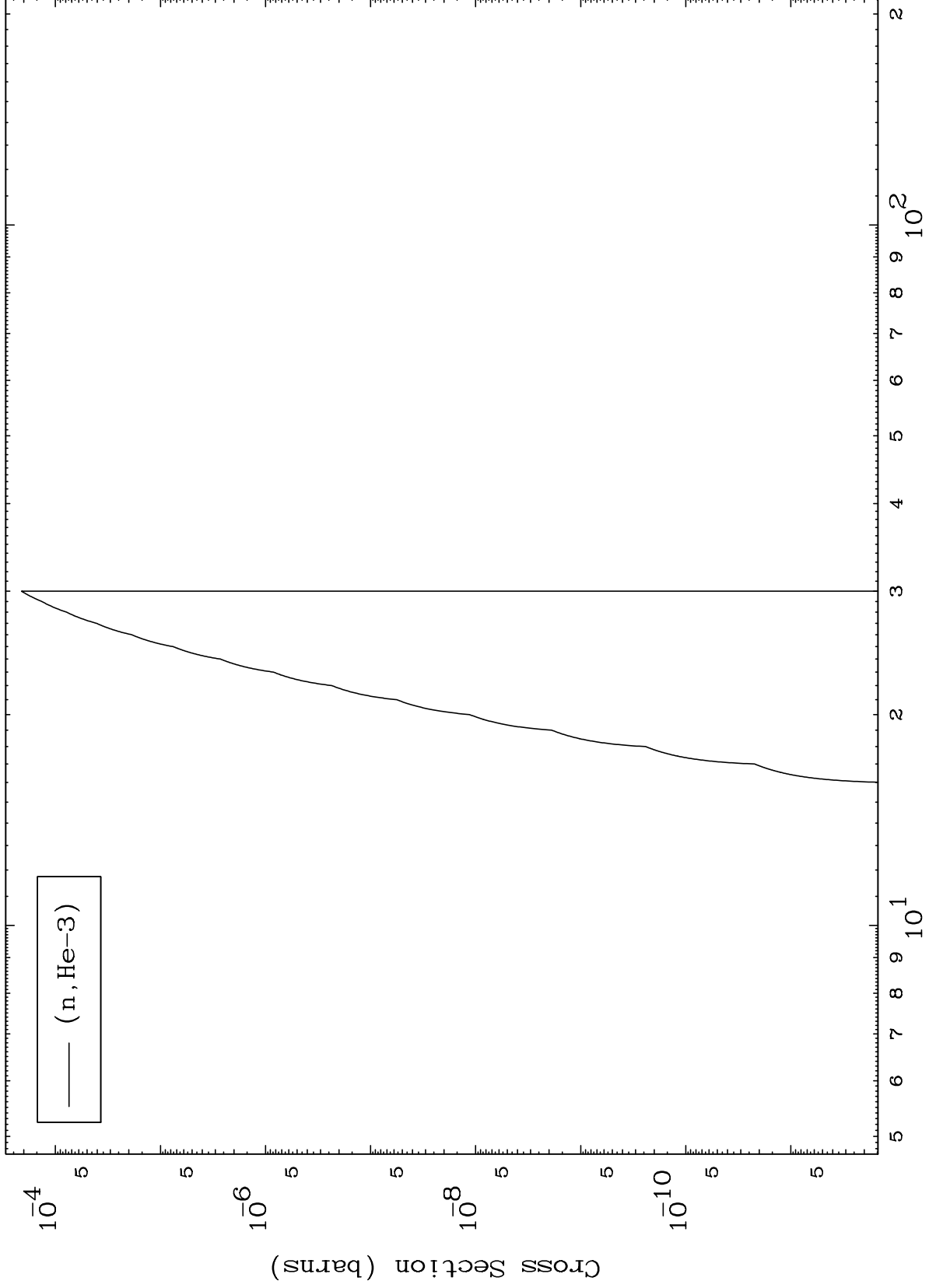
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-193



14

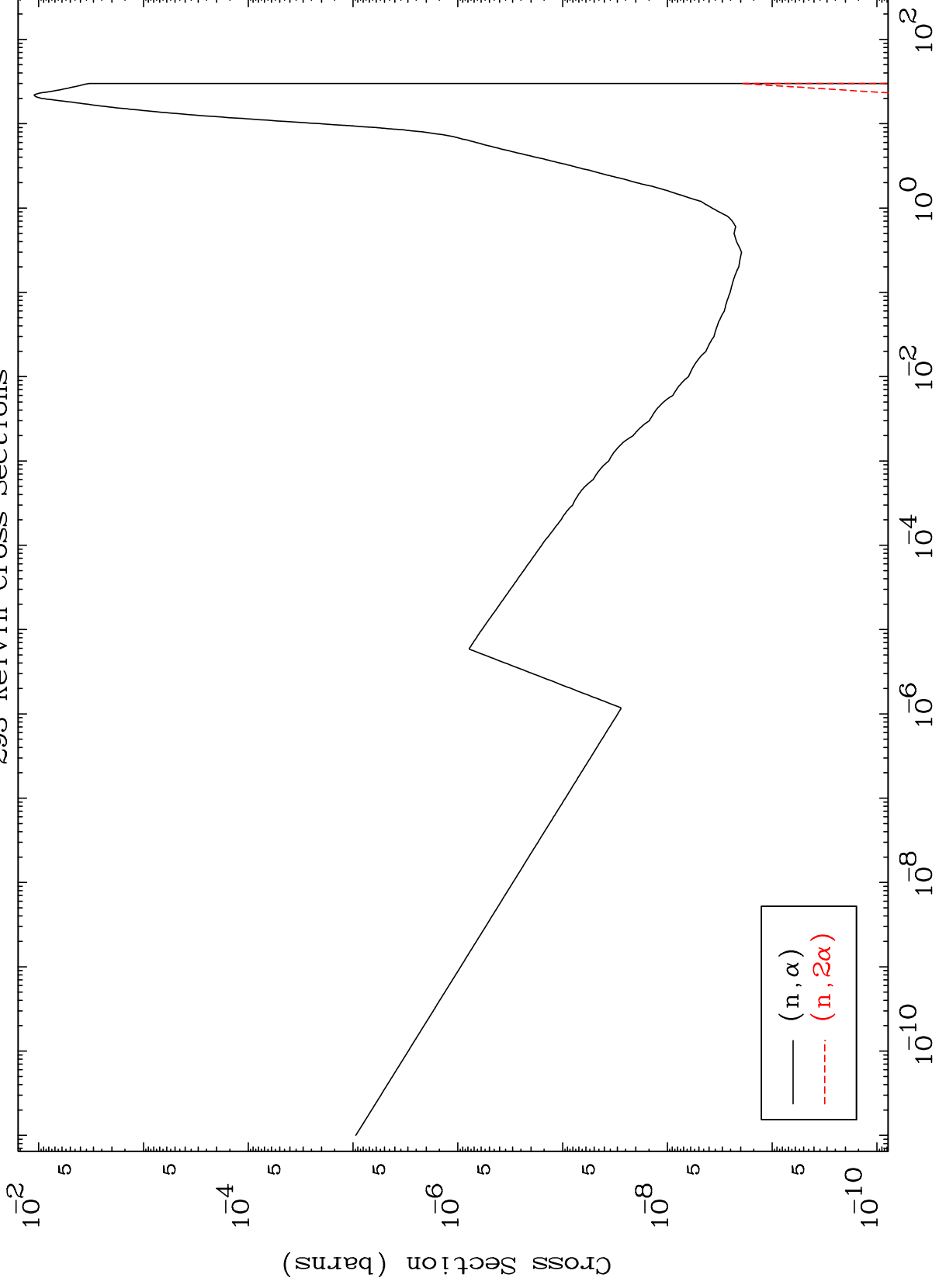
Incident Energy (MeV)

78-Pt-193

MAT 7834

(n, α) Levels
293 Kelvin Cross Sections

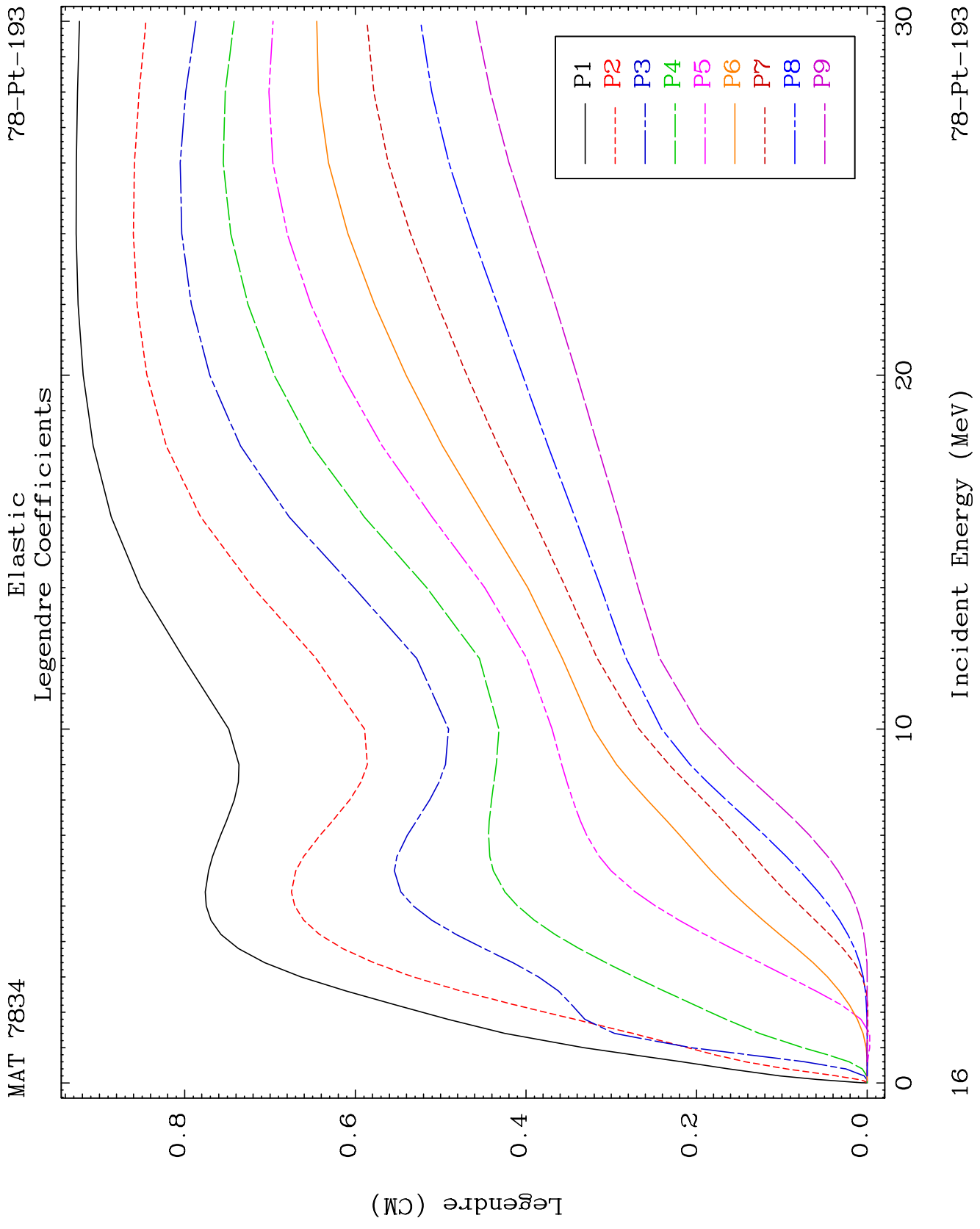
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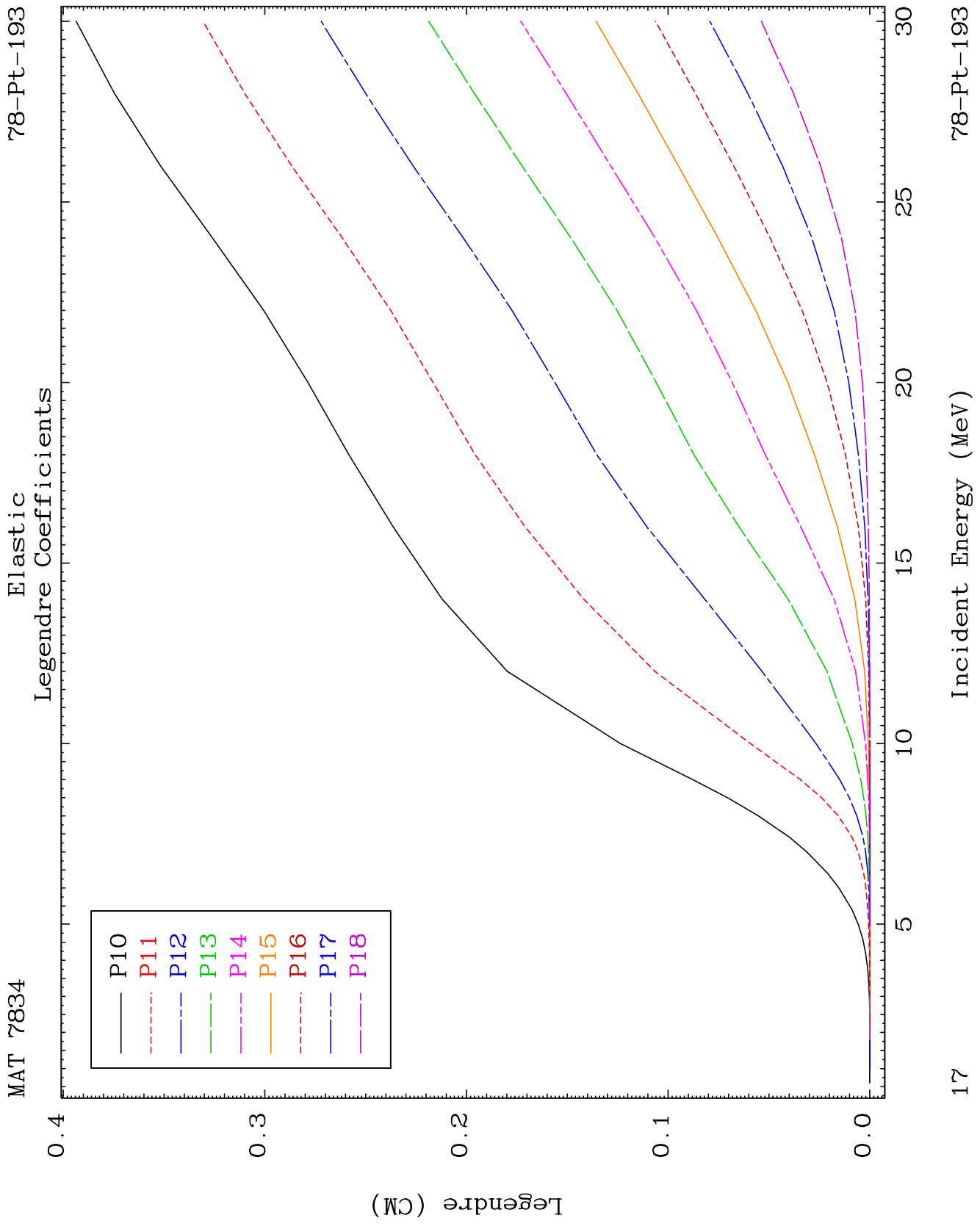


15

Incident Energy (MeV)

78-Pt-193

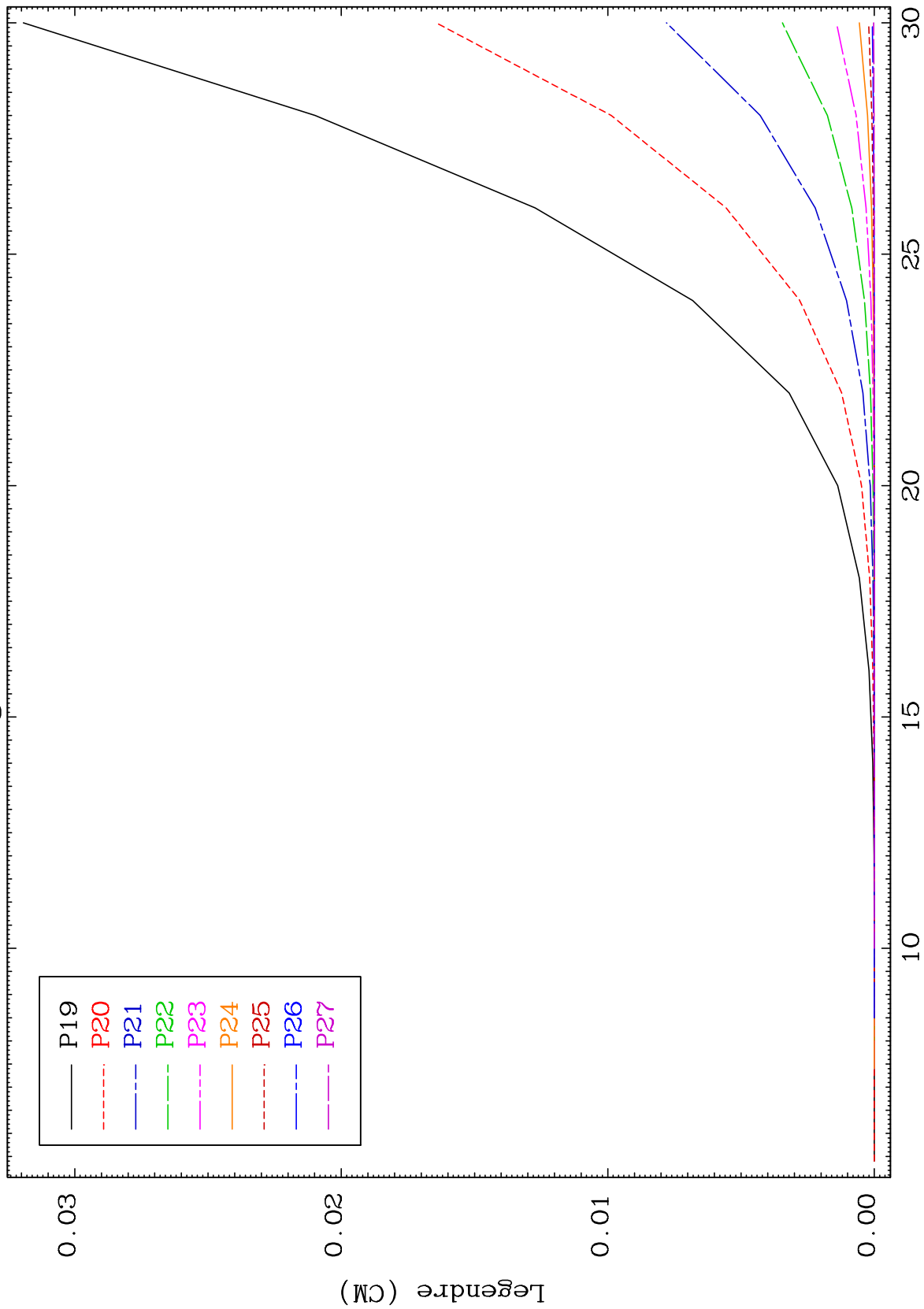




MAT 7834

Elastic Legendre Coefficients

78-Pt-193



18

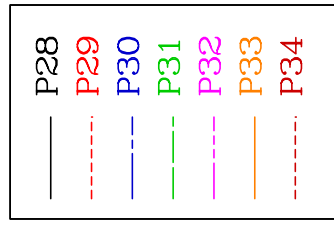
Incident Energy (MeV)

78-Pt-193

MAT 7834

Elastic
Legendre Coefficients

78-Pt-193



$\times 10^{-6}$

Legendre (CM)

8

6

4

2

0

15

20

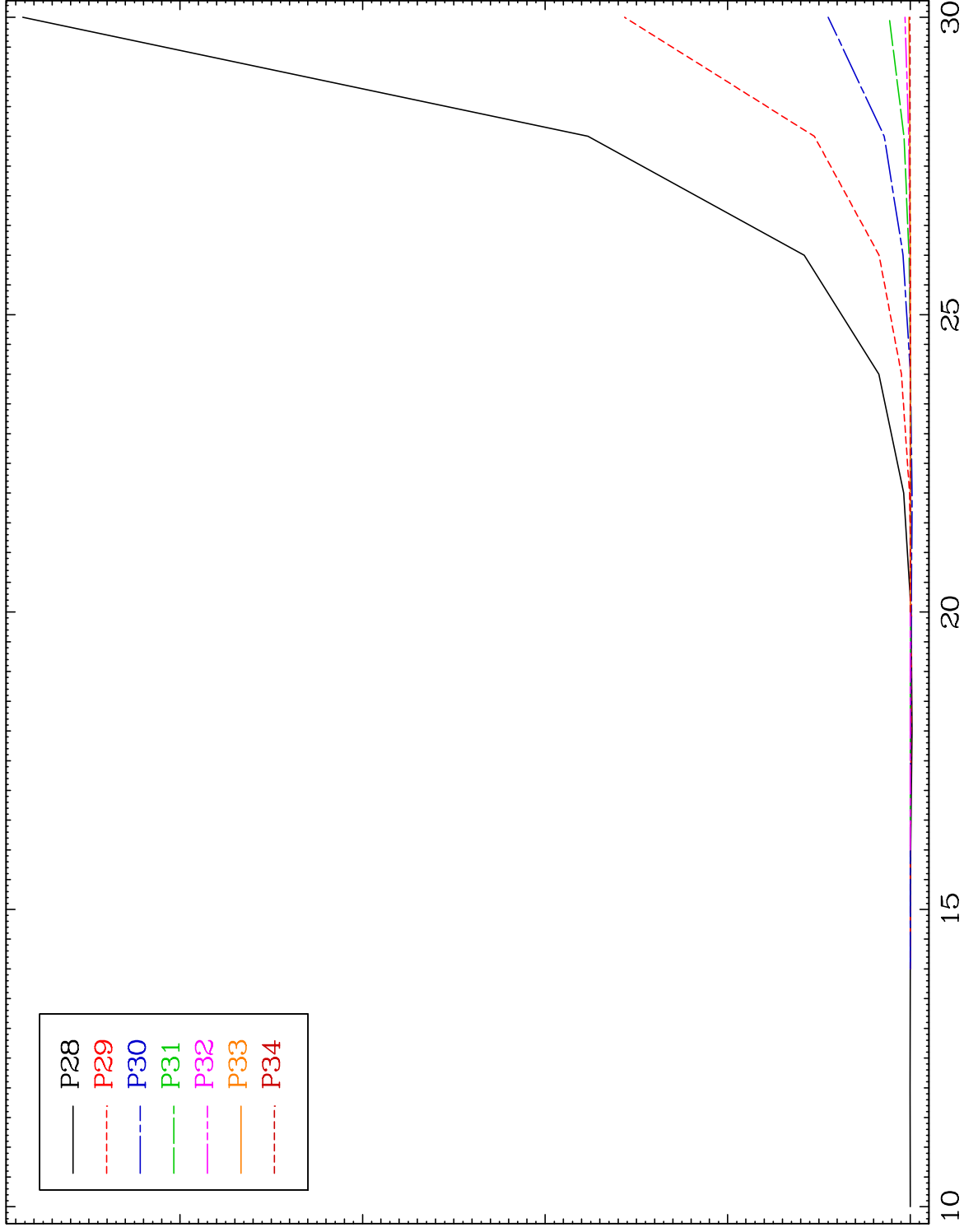
25

30

19

Incident Energy (MeV)

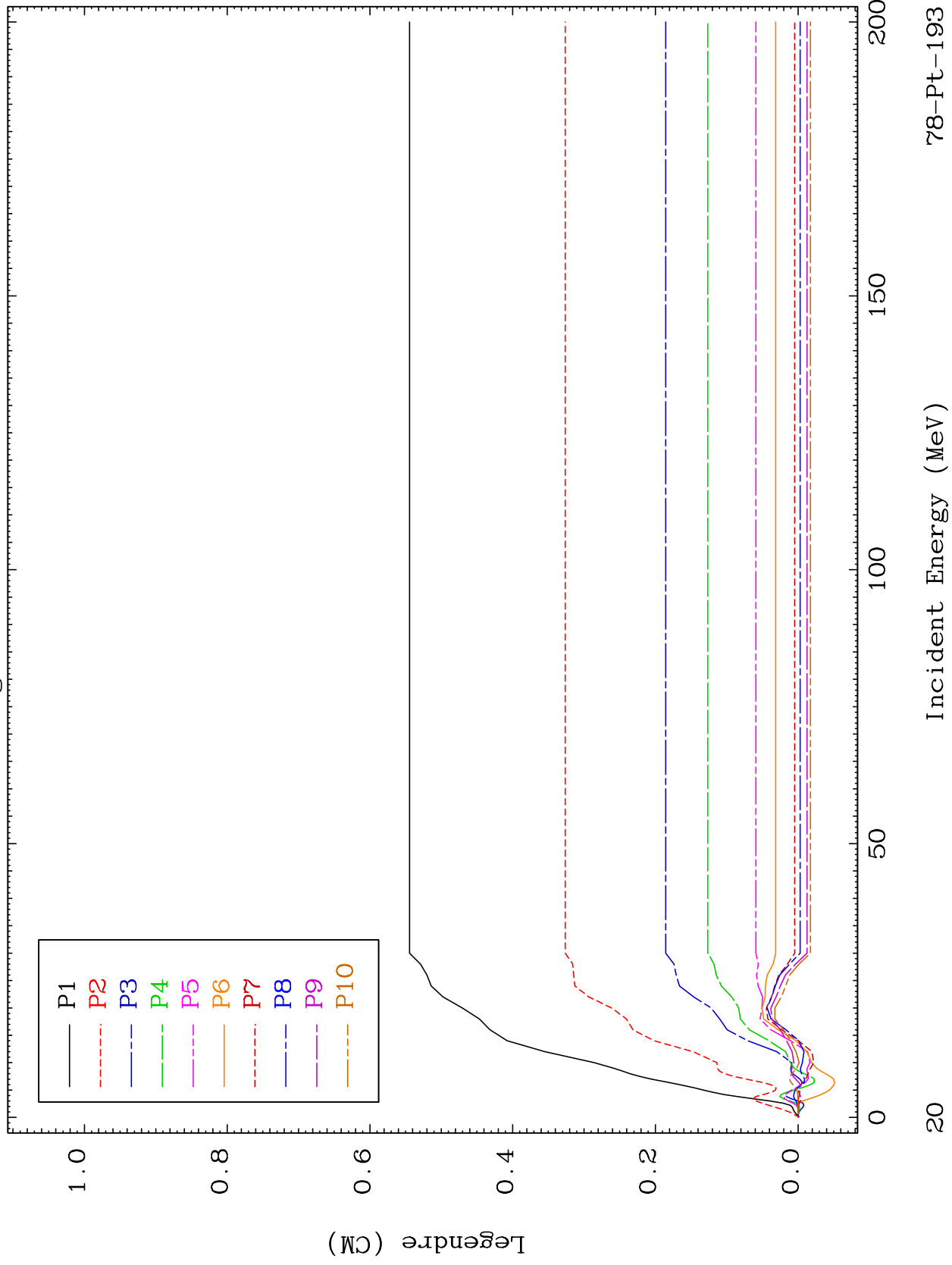
78-Pt-193



MAT 7834

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

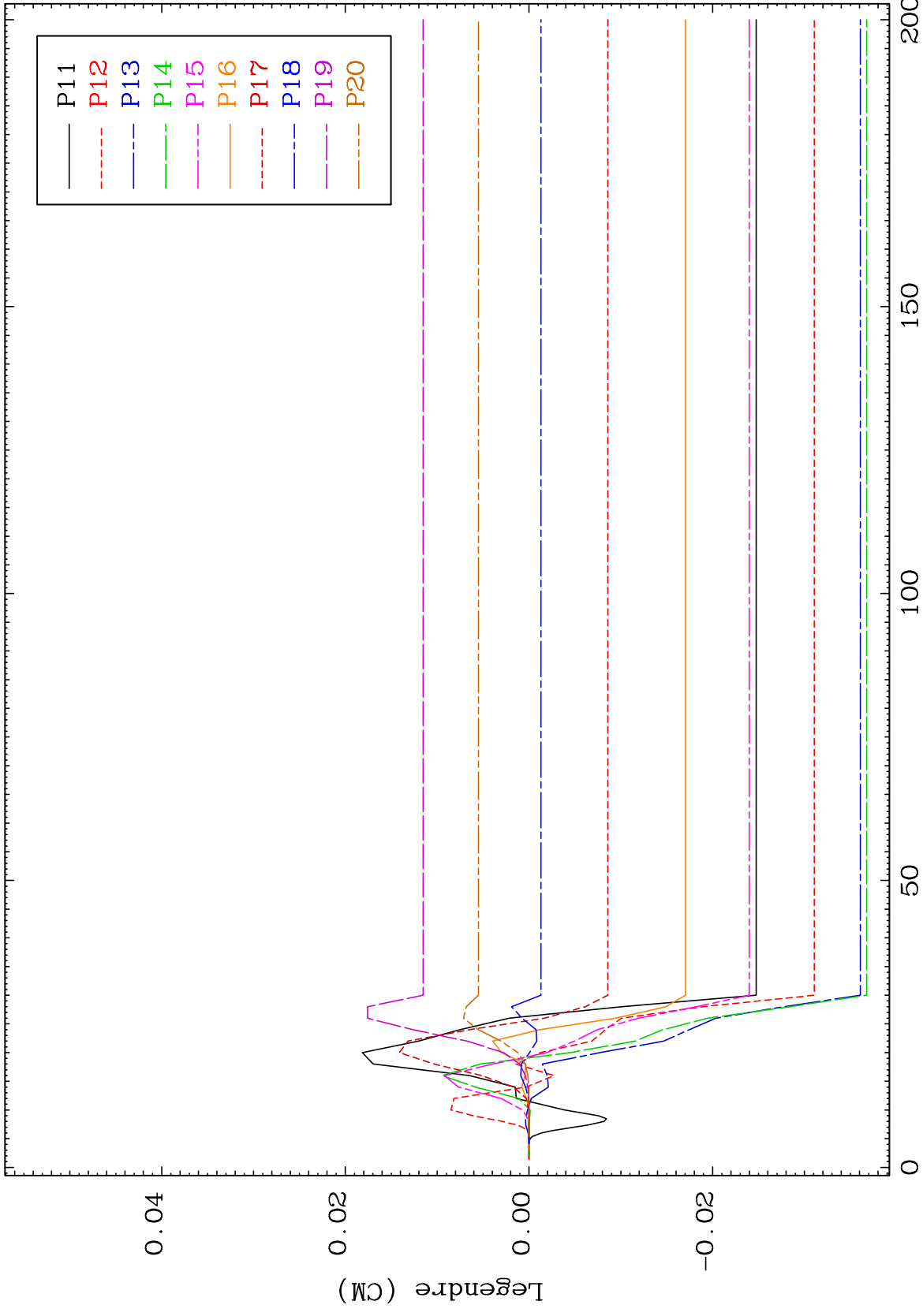
78-Pt-193



MAT 7834

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

78-Pt-193



21

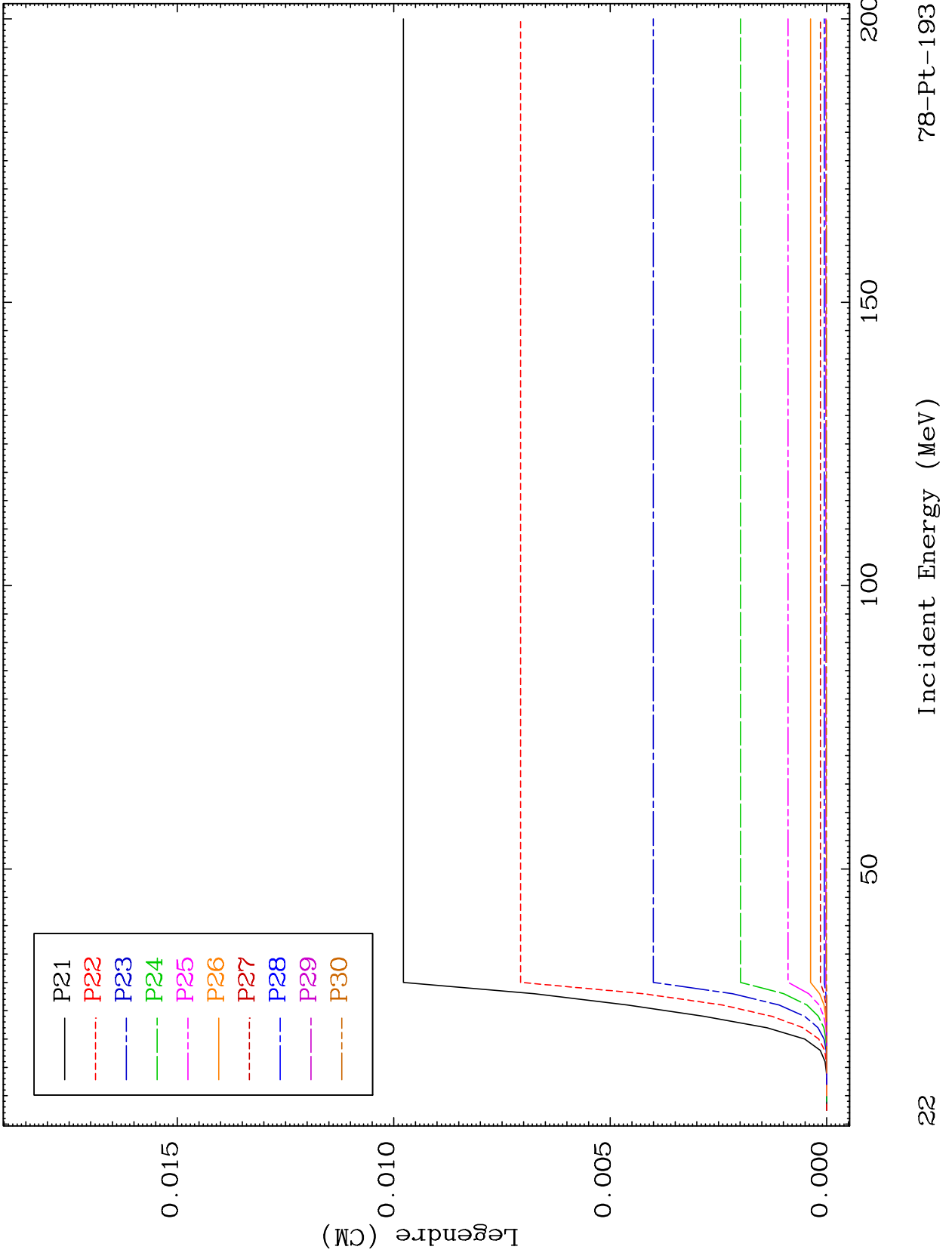
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

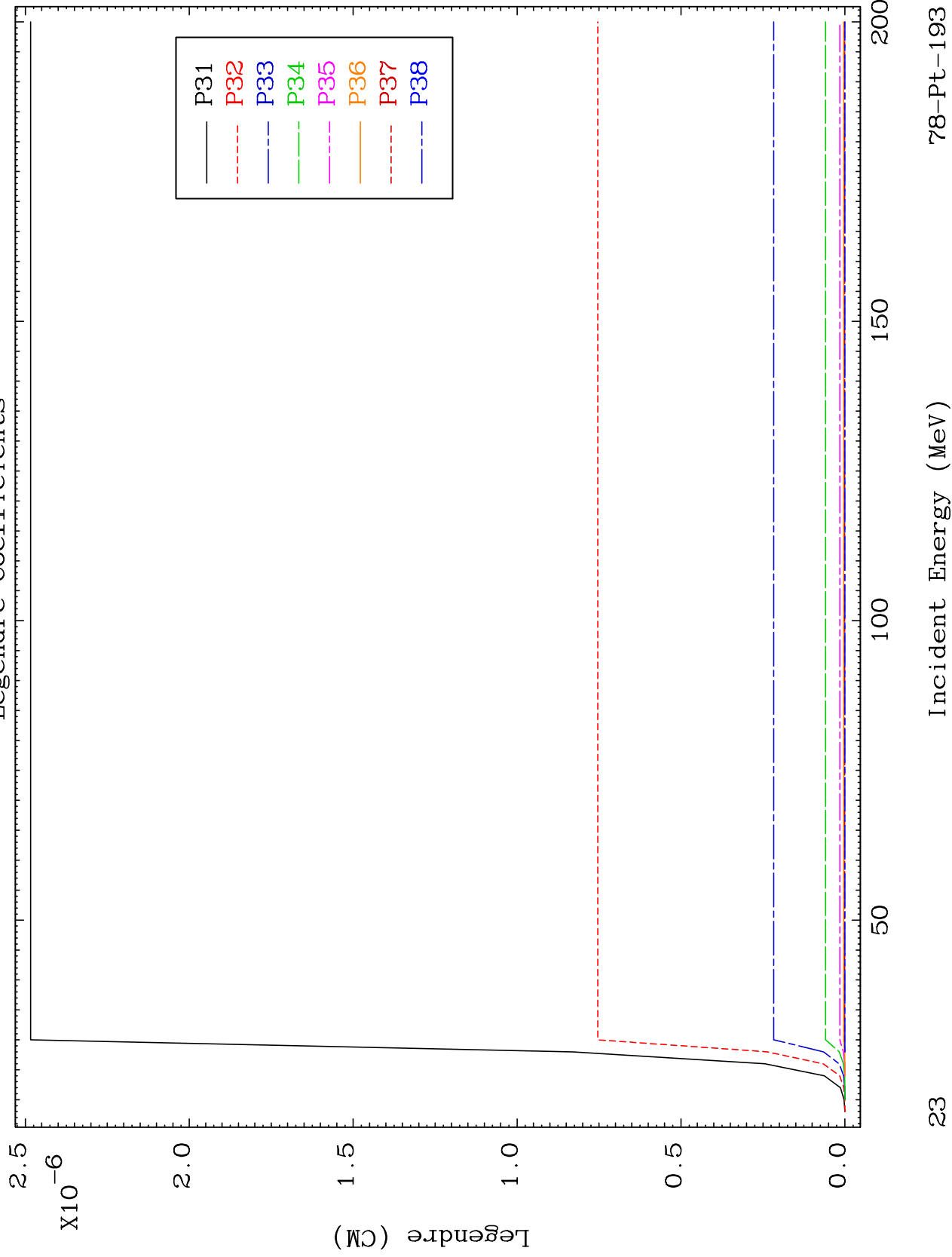
78-Pt-193



22

Incident Energy (MeV)

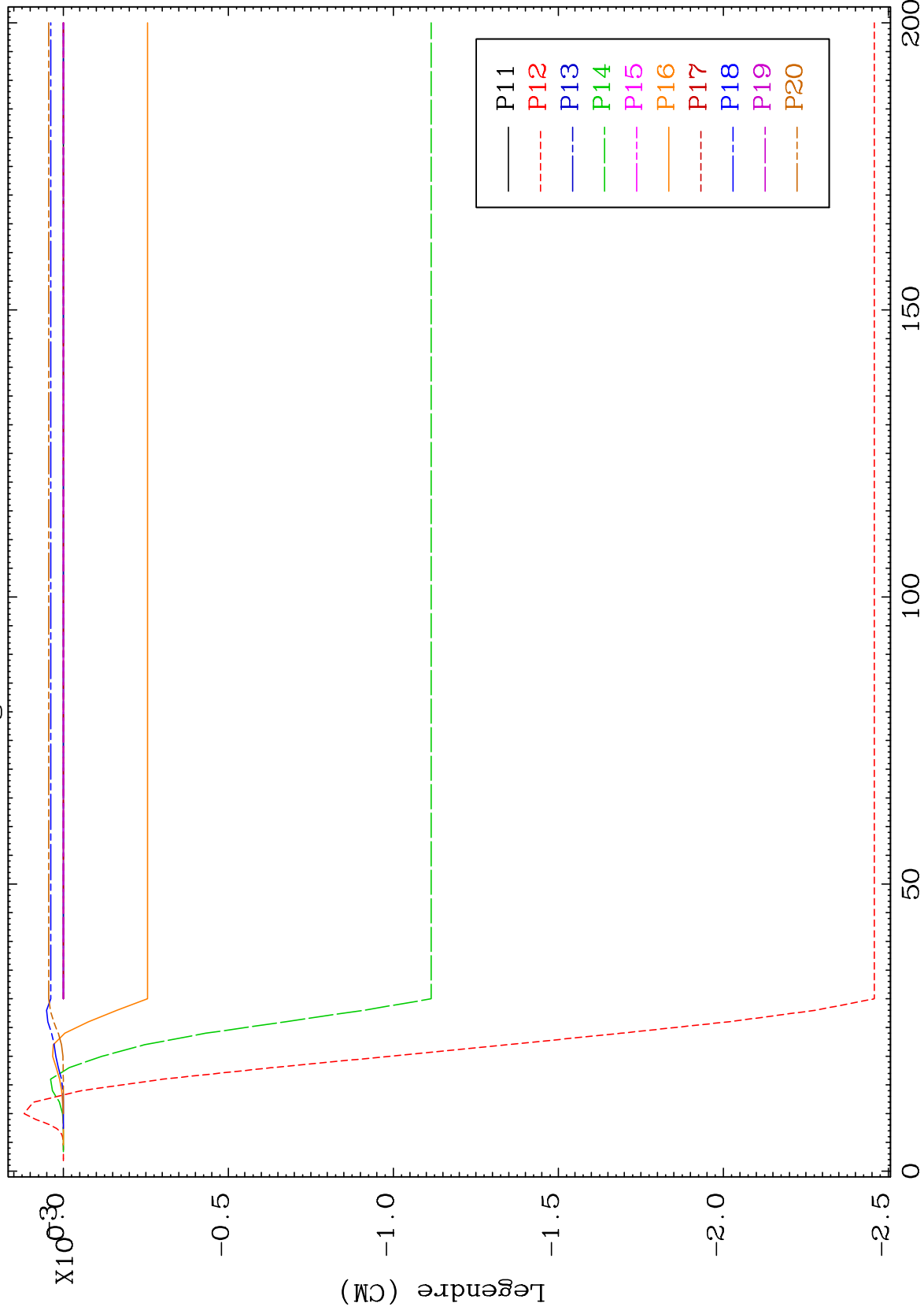
78-Pt-193



MAT 7834

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

78-Pt-193



25

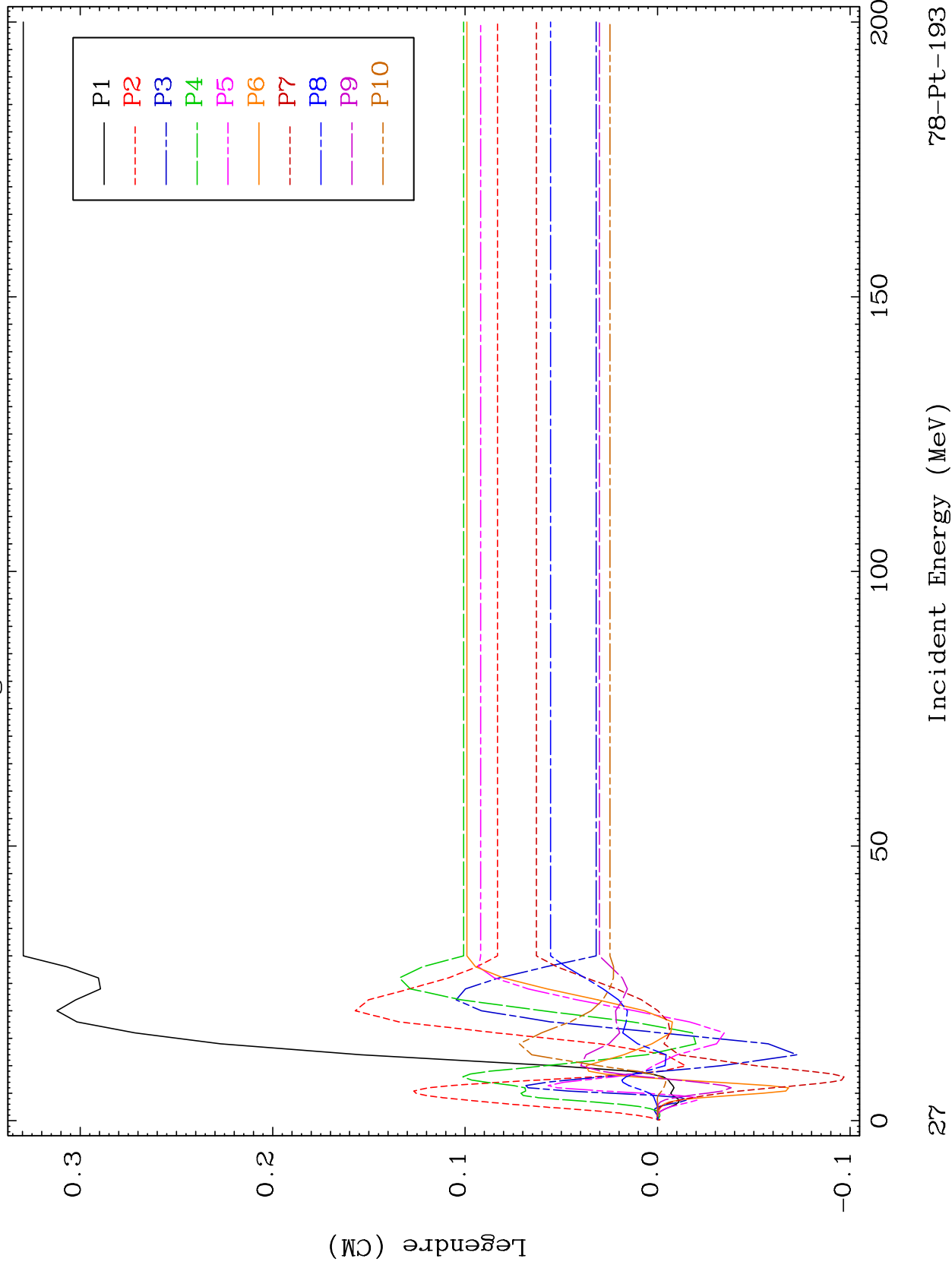
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

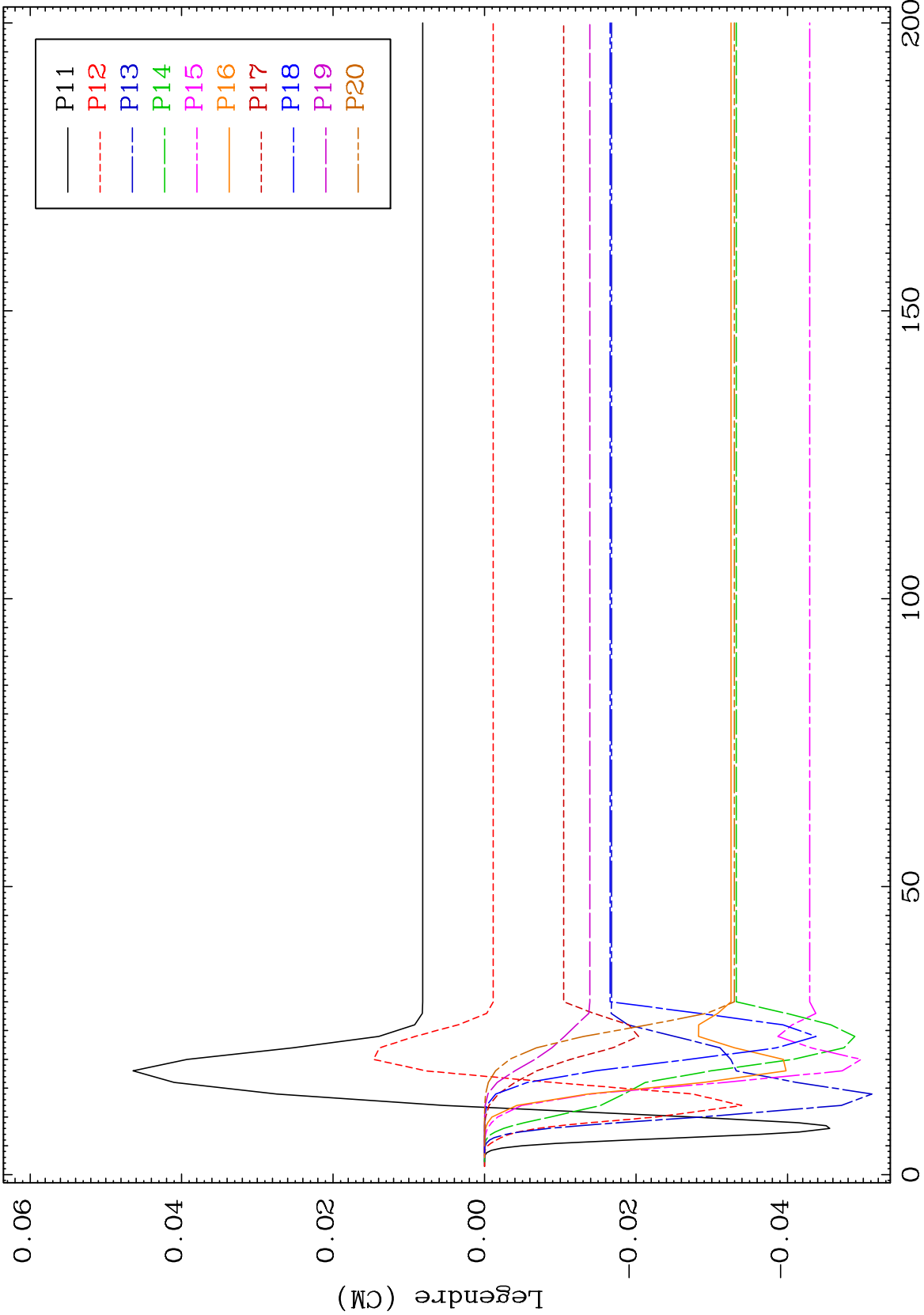
Incident Energy (MeV)

27

MAT 7834

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

78-Pt-193



28

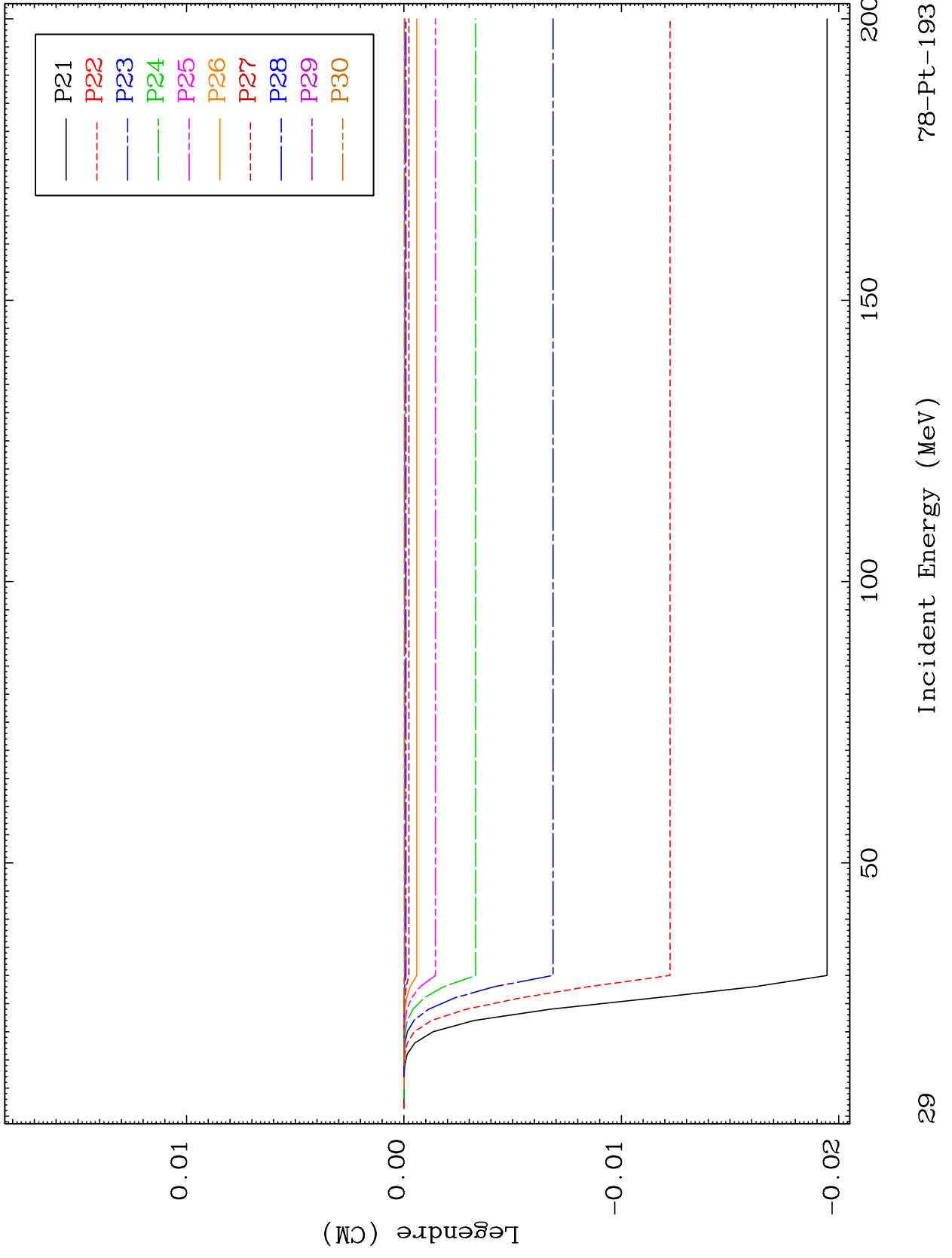
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

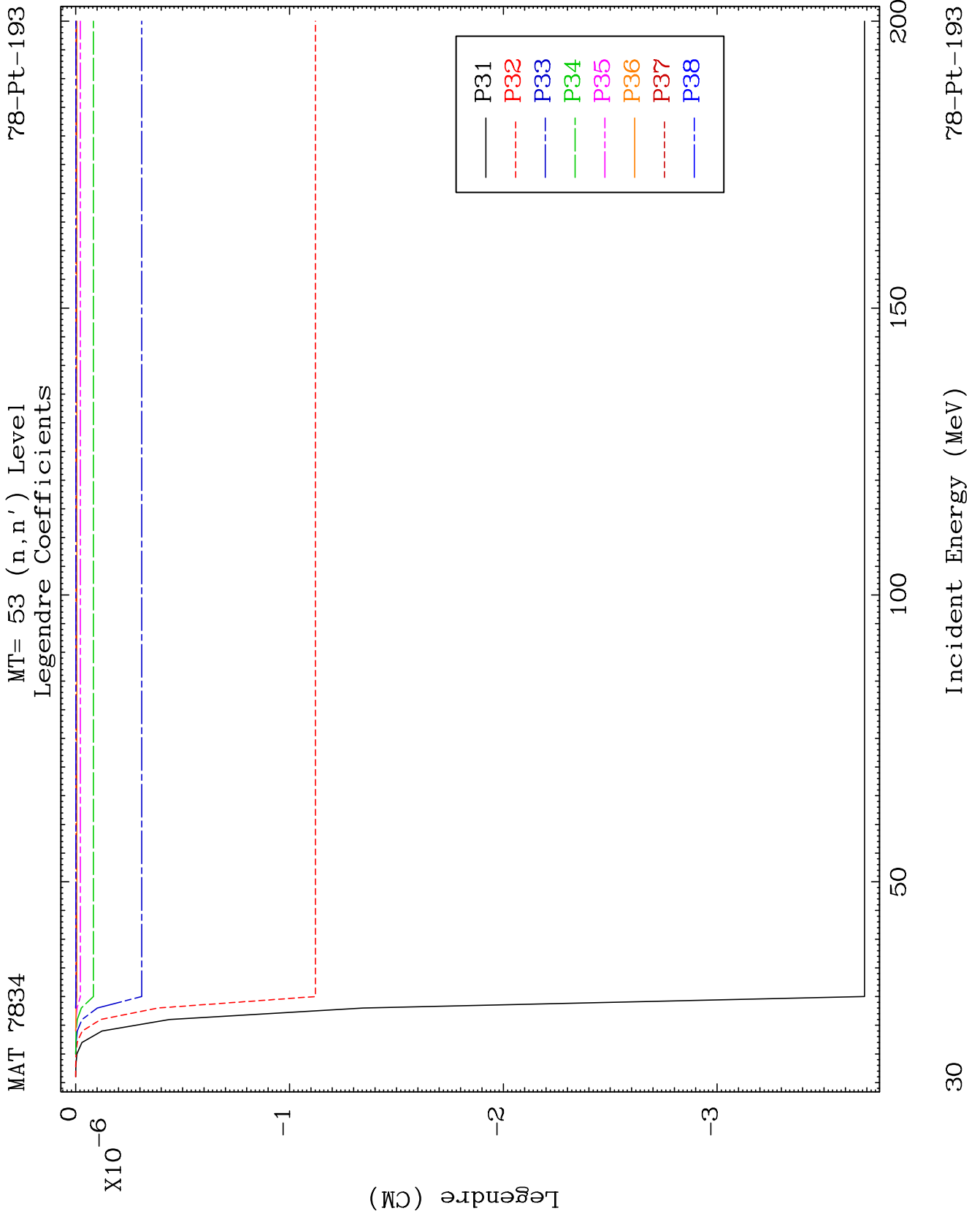
78-Pt-193



29

Incident Energy (MeV)

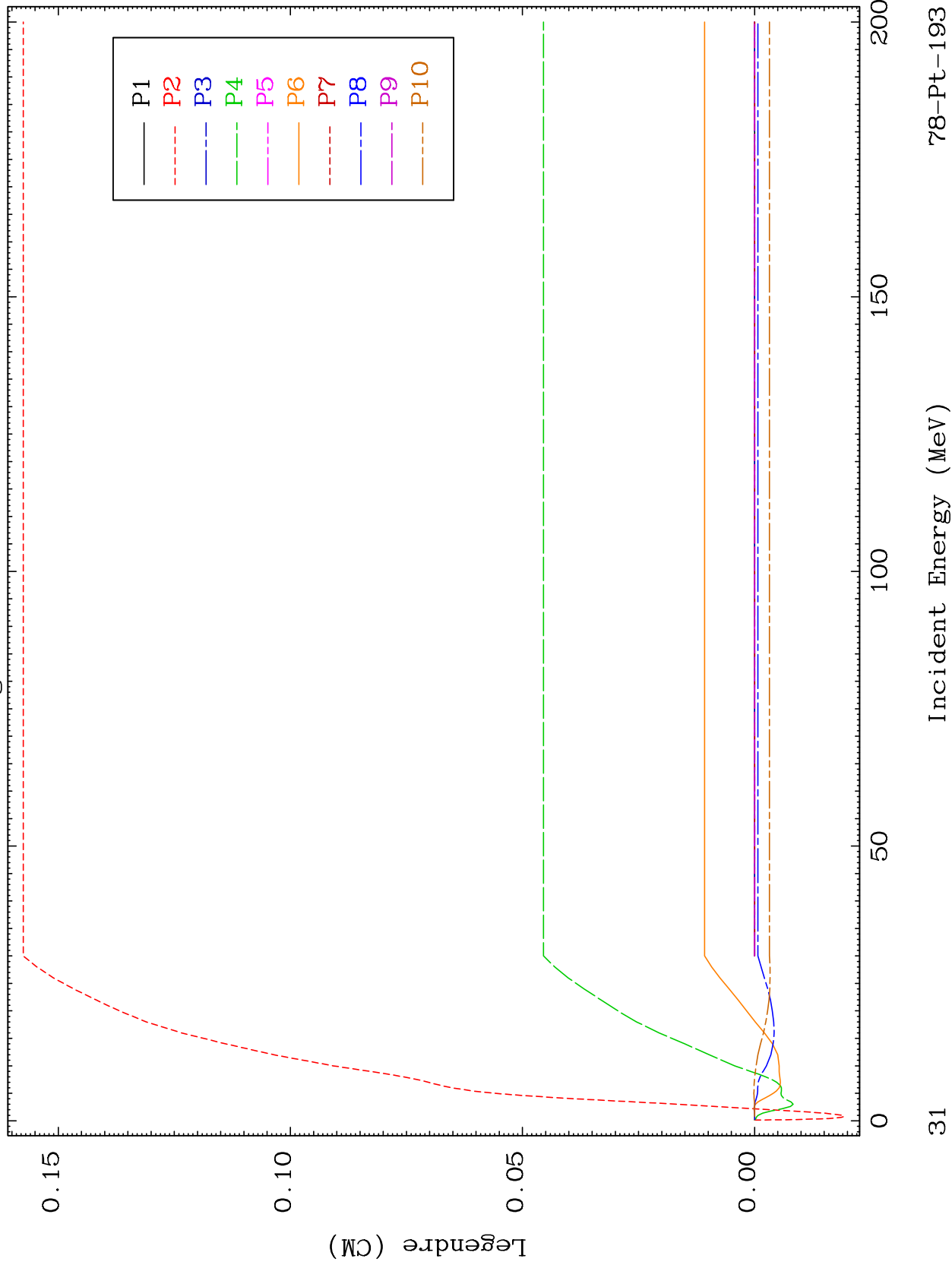
78-Pt-193



MAT 7834

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

78-Pt-193



31

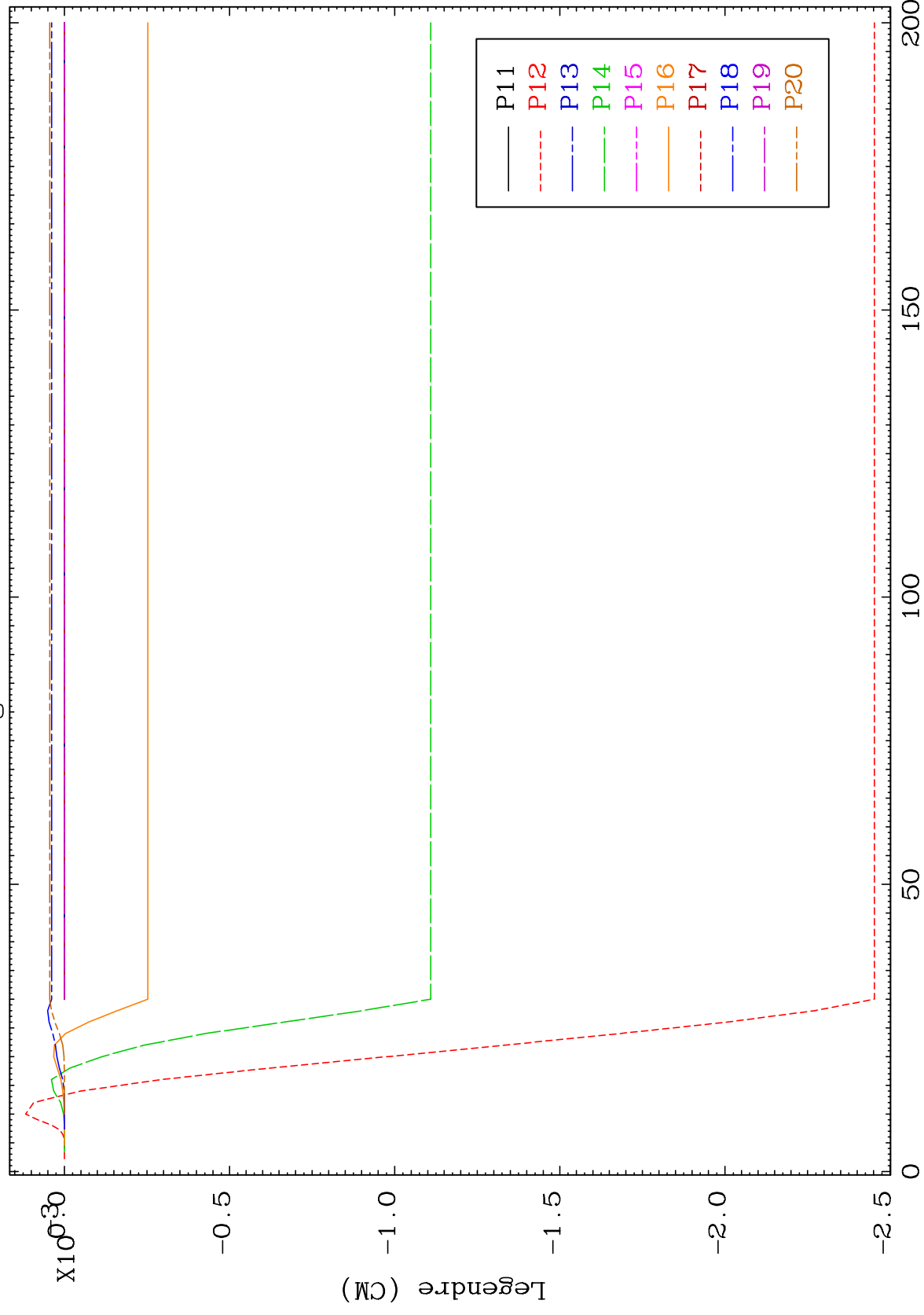
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



32

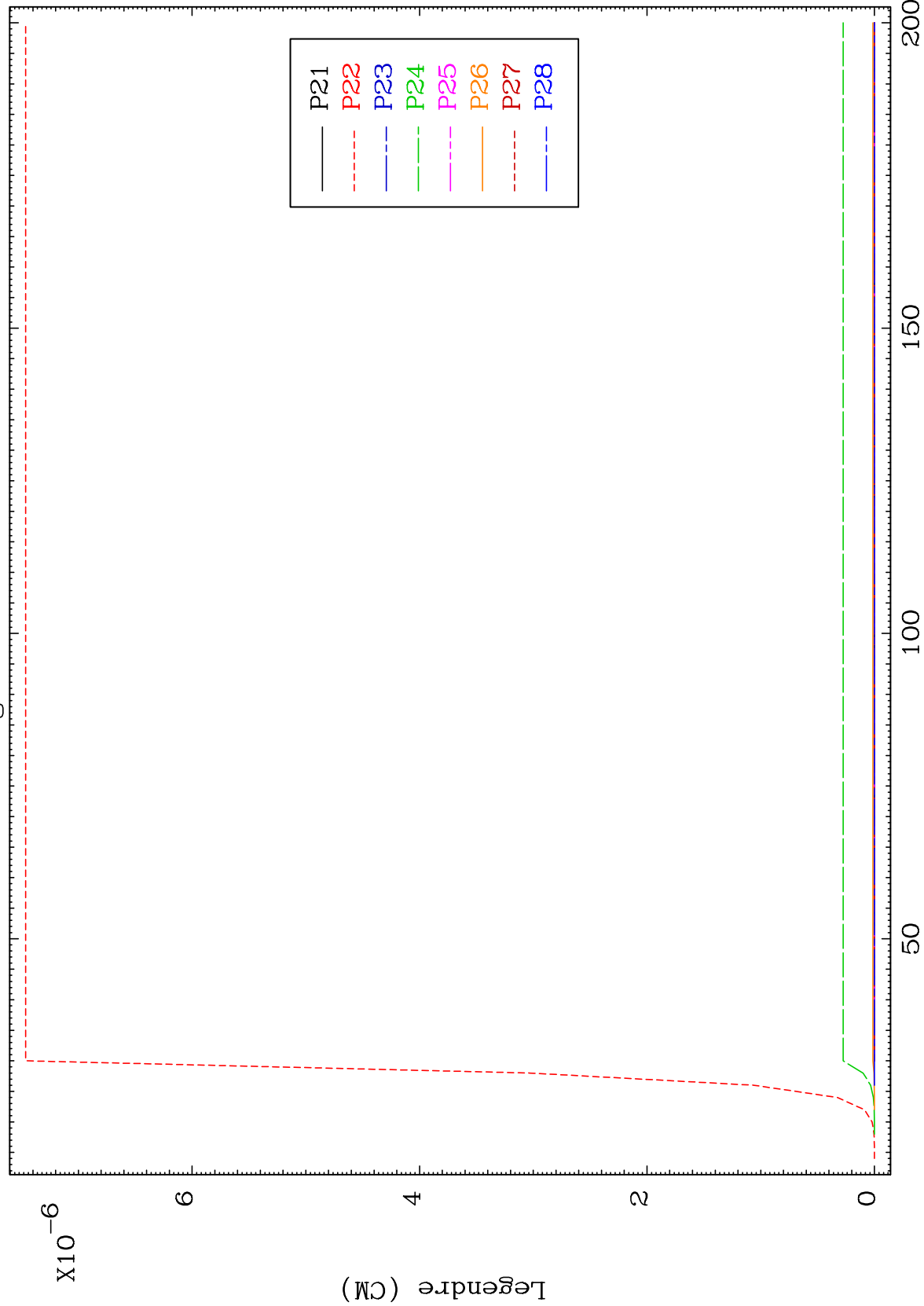
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



33

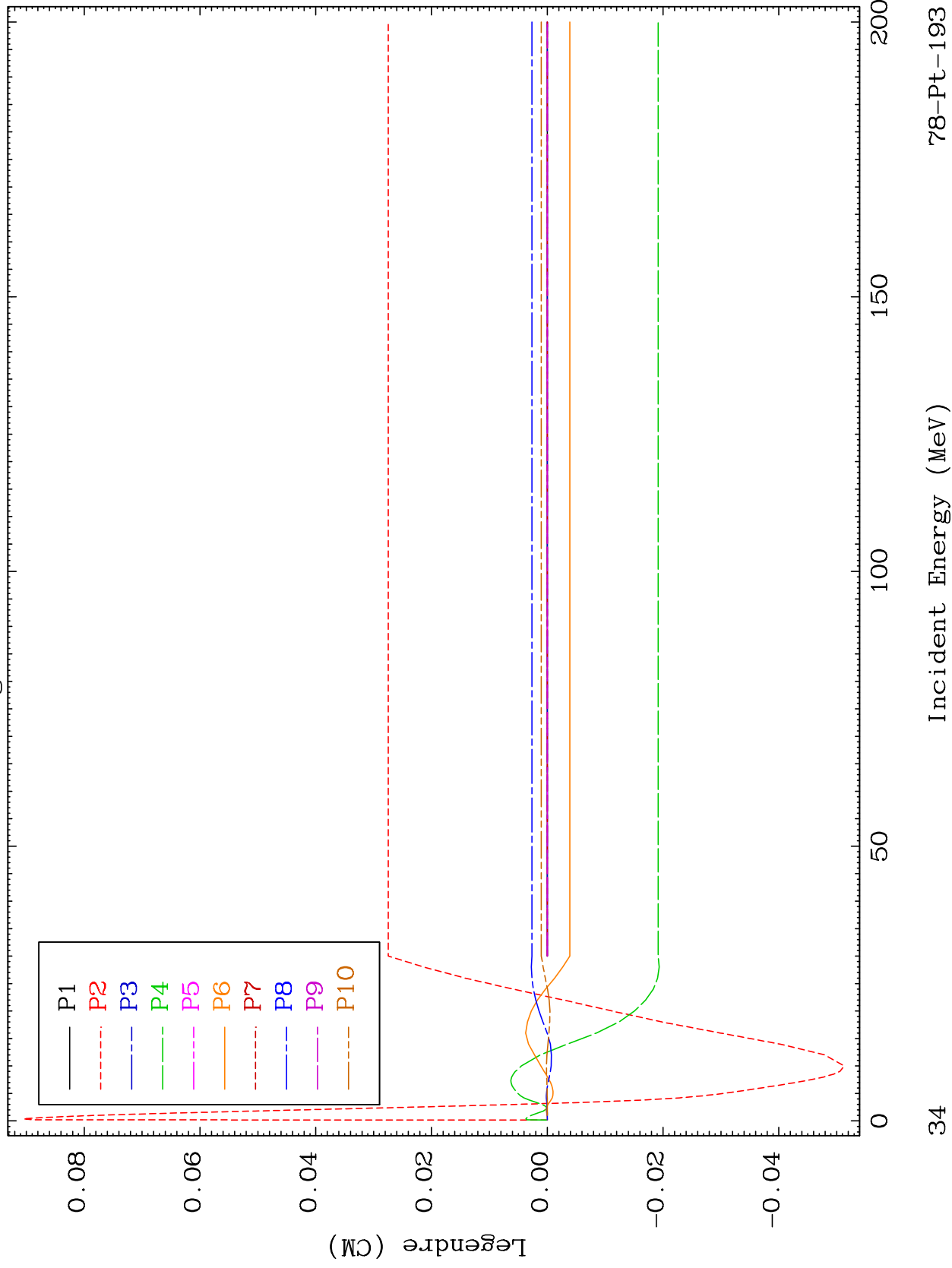
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

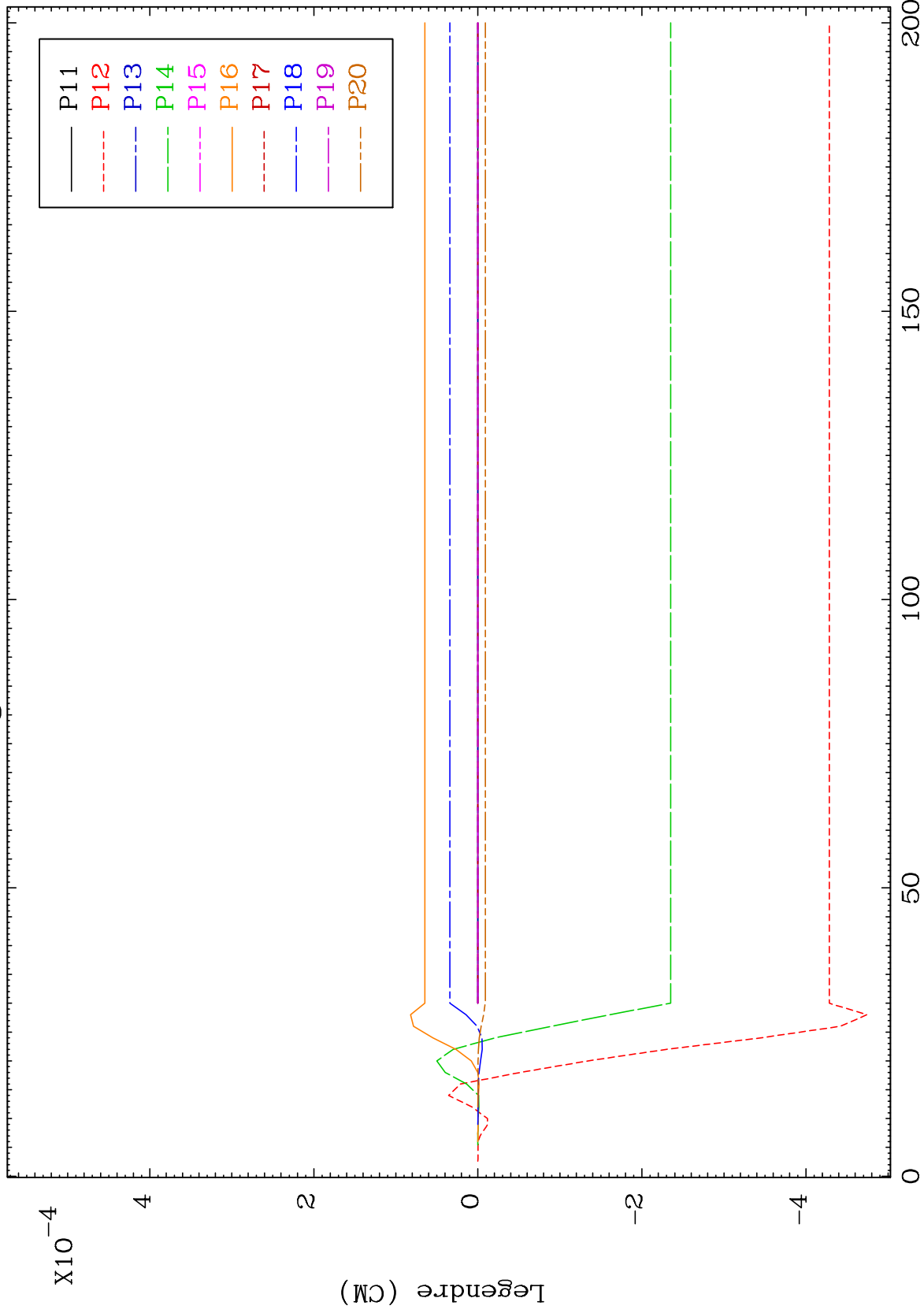
Incident Energy (MeV)

34

MAT 7834

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

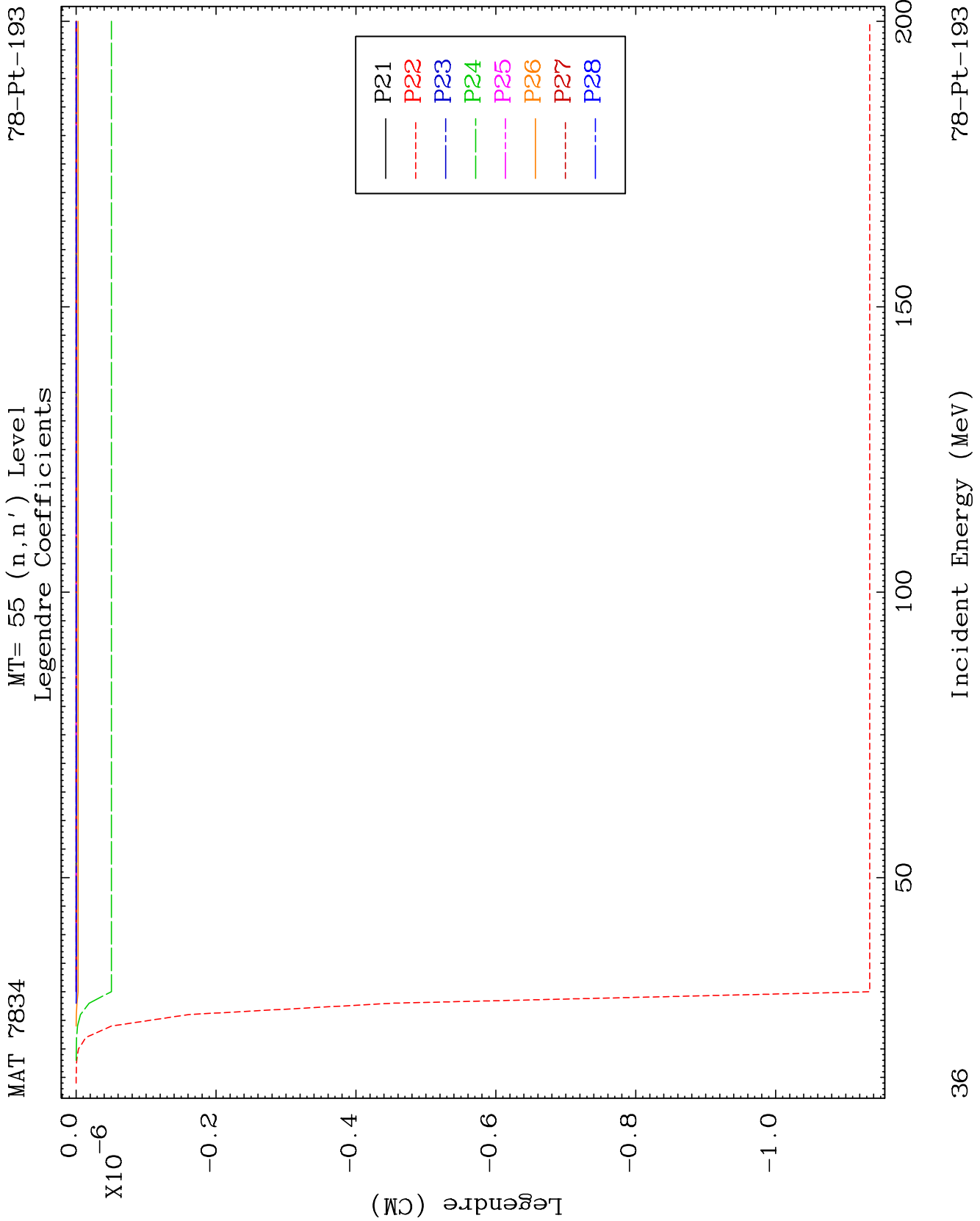
78-Pt-193



35

Incident Energy (MeV)

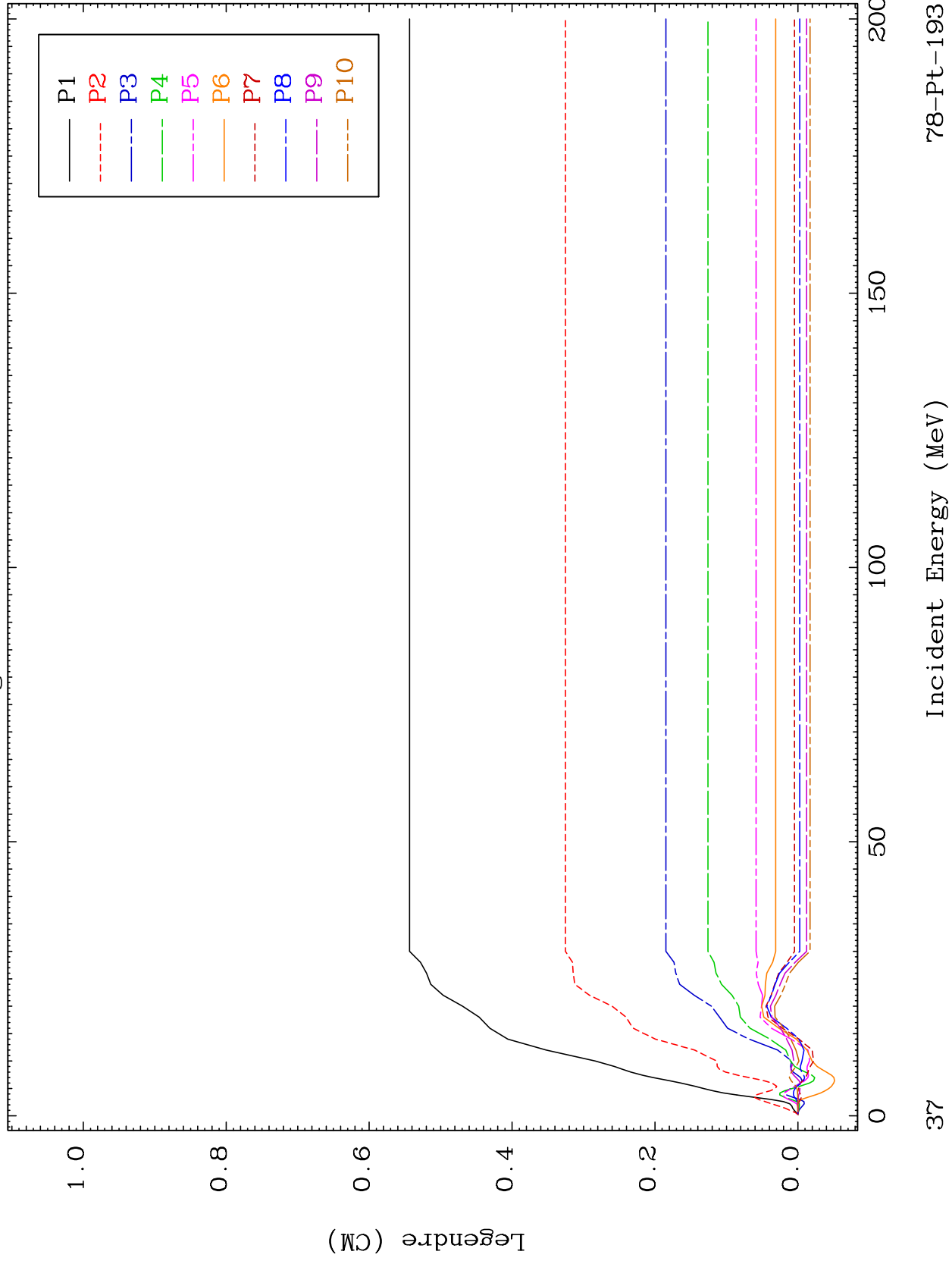
78-Pt-193



MAT 7834

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

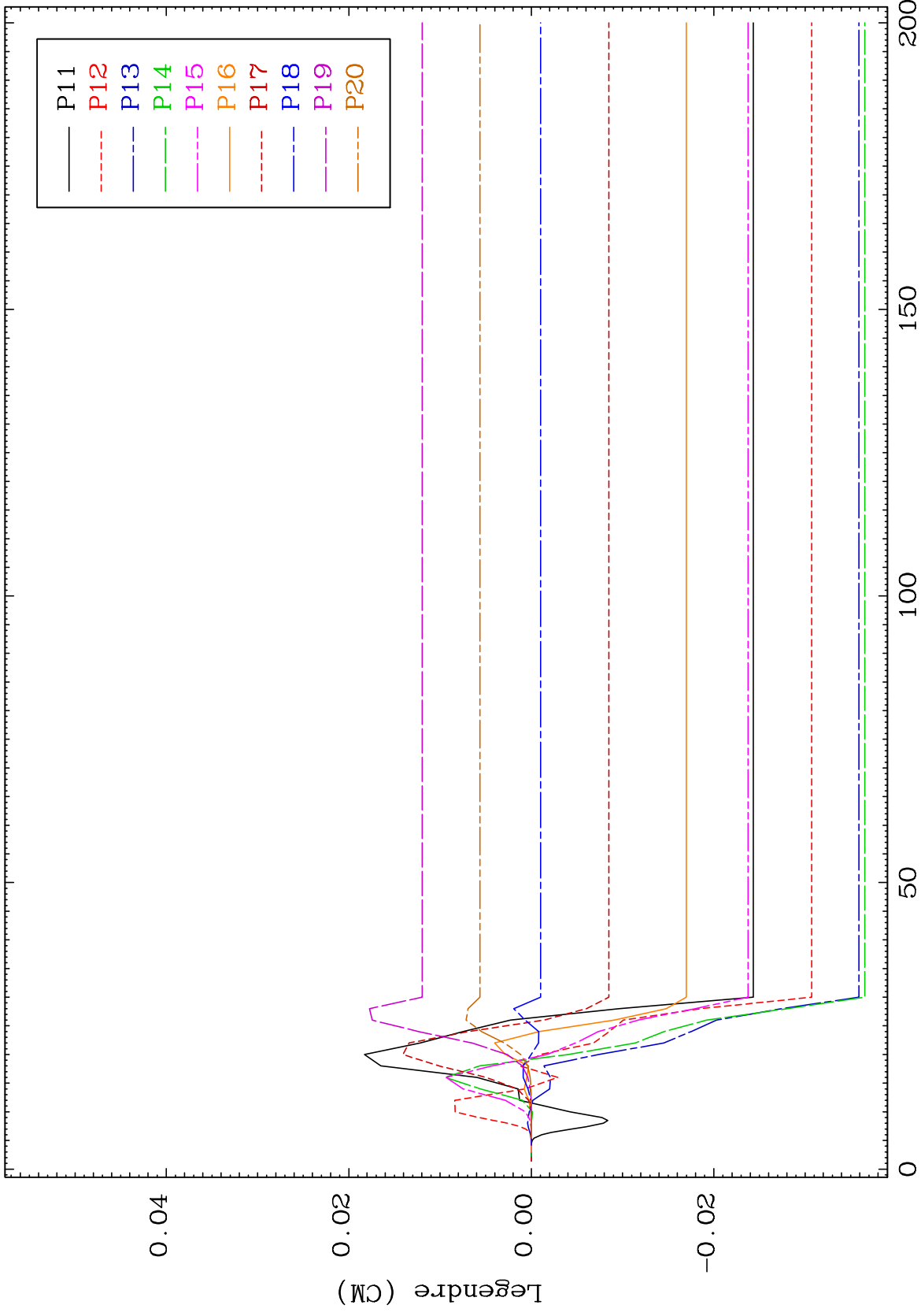
78-Pt-193



MAT 7834

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

78-Pt-193



38

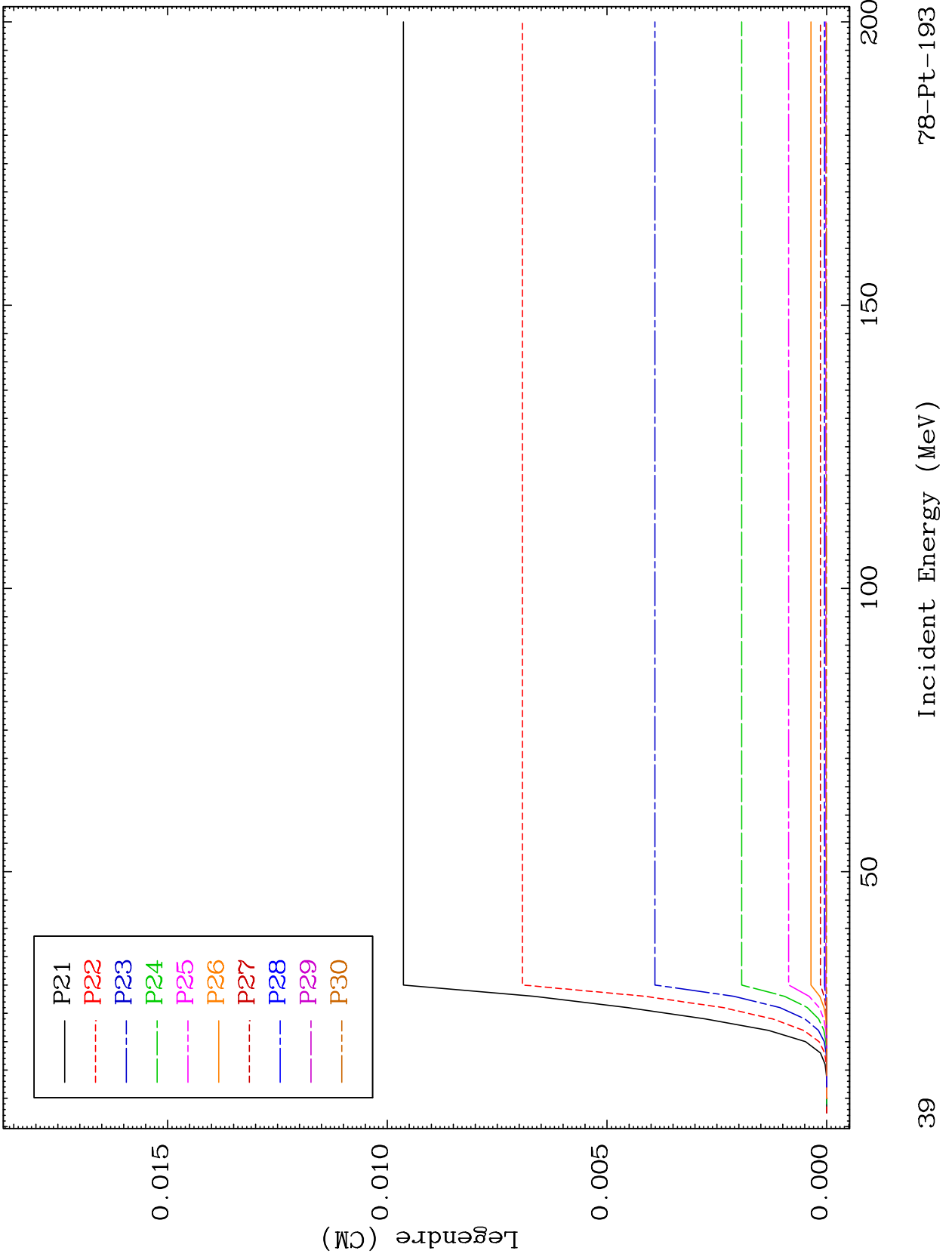
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



39

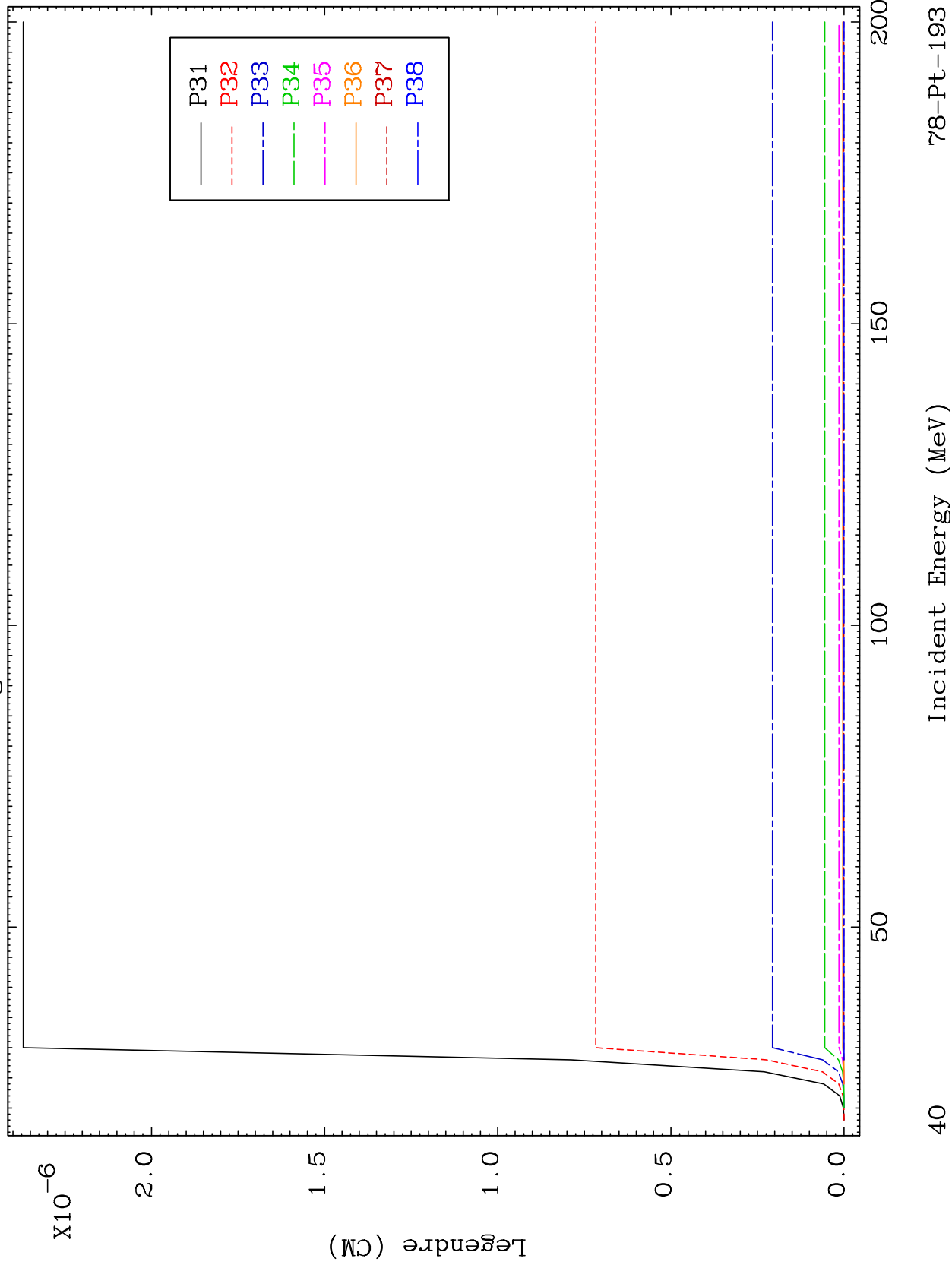
Incident Energy (MeV)

78-Pt-193

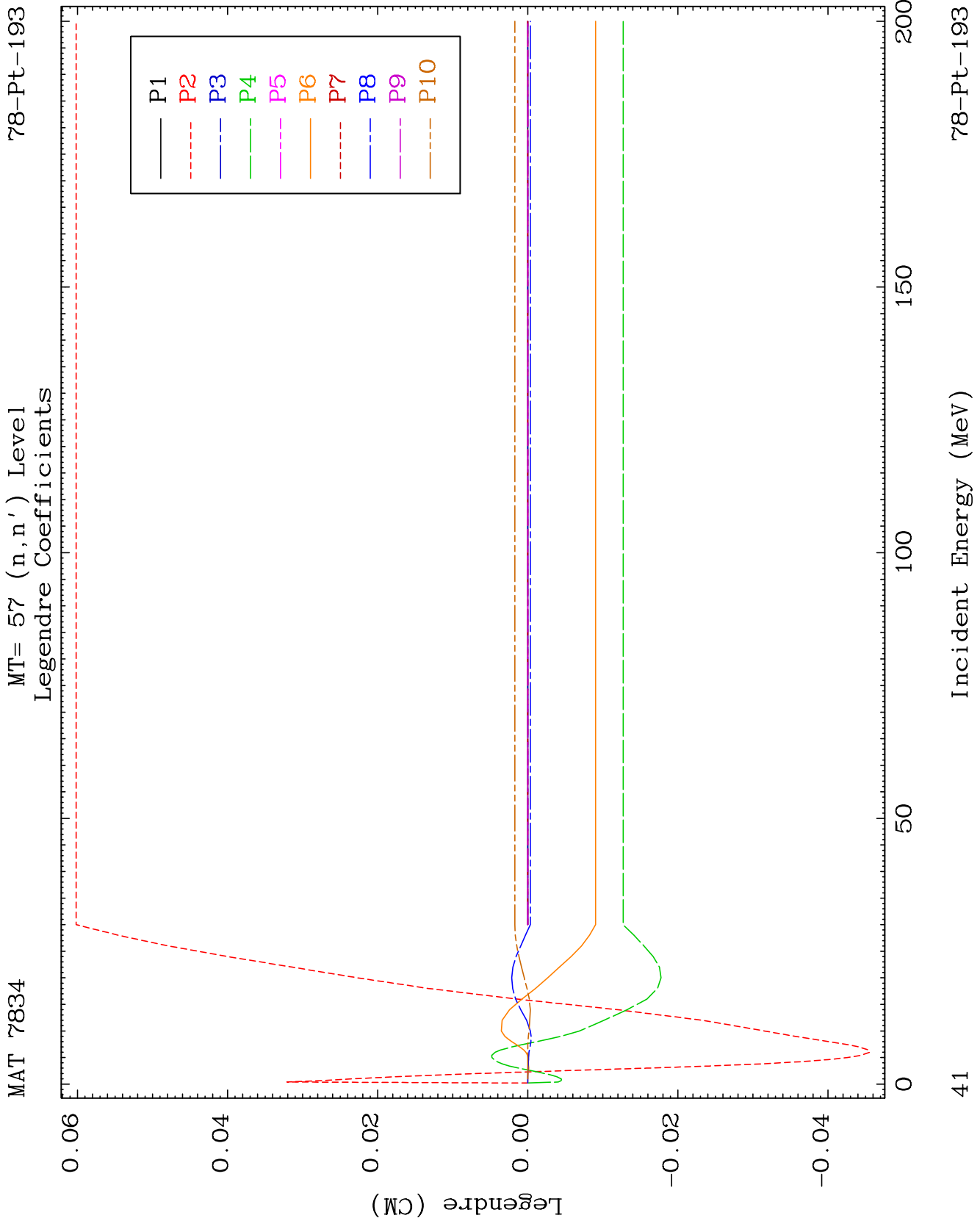
MAT 7834

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

78-Pt-193



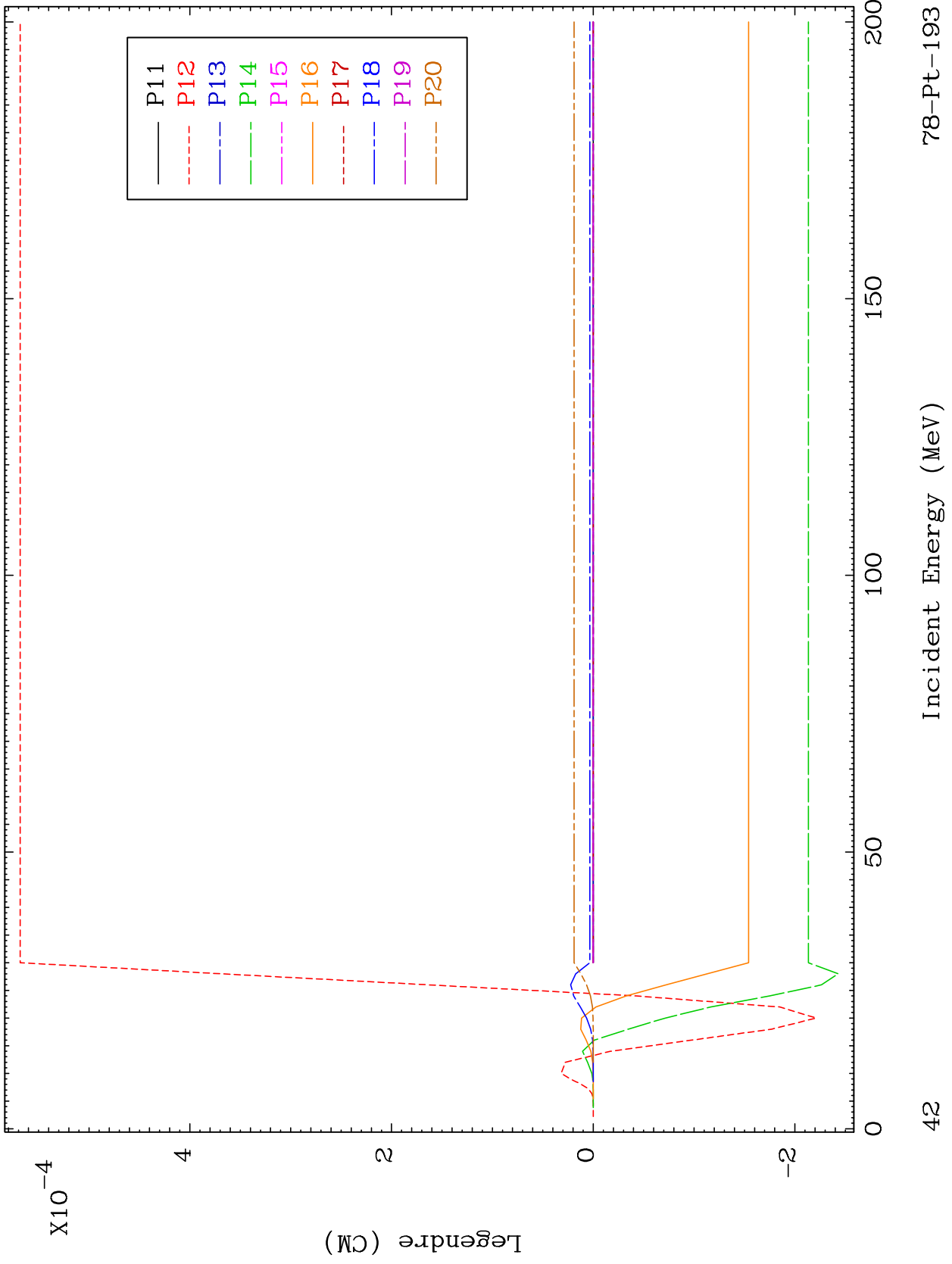
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MAT 7834

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

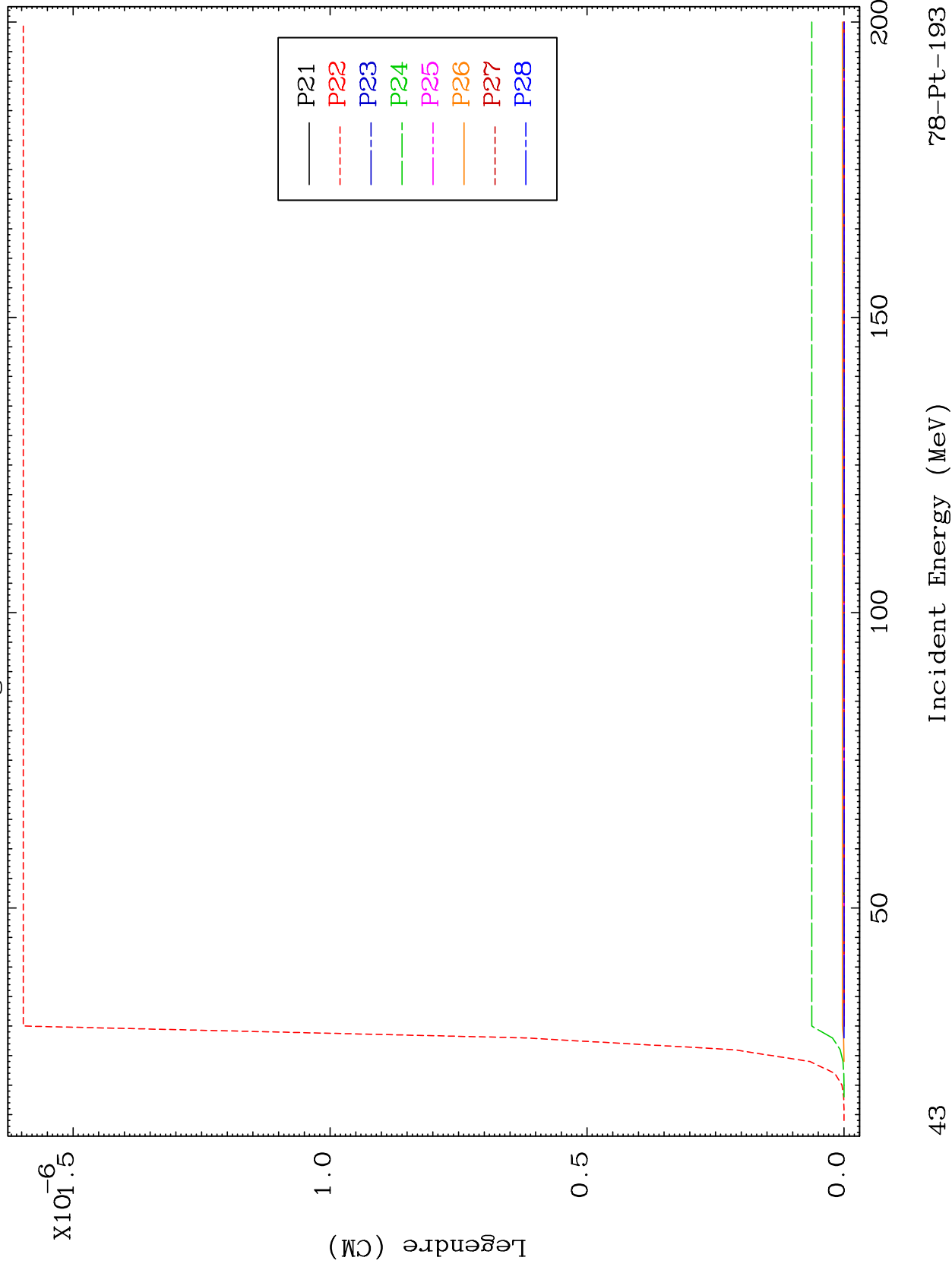
78-Pt-193



MAT 7834

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

78-Pt-193



43

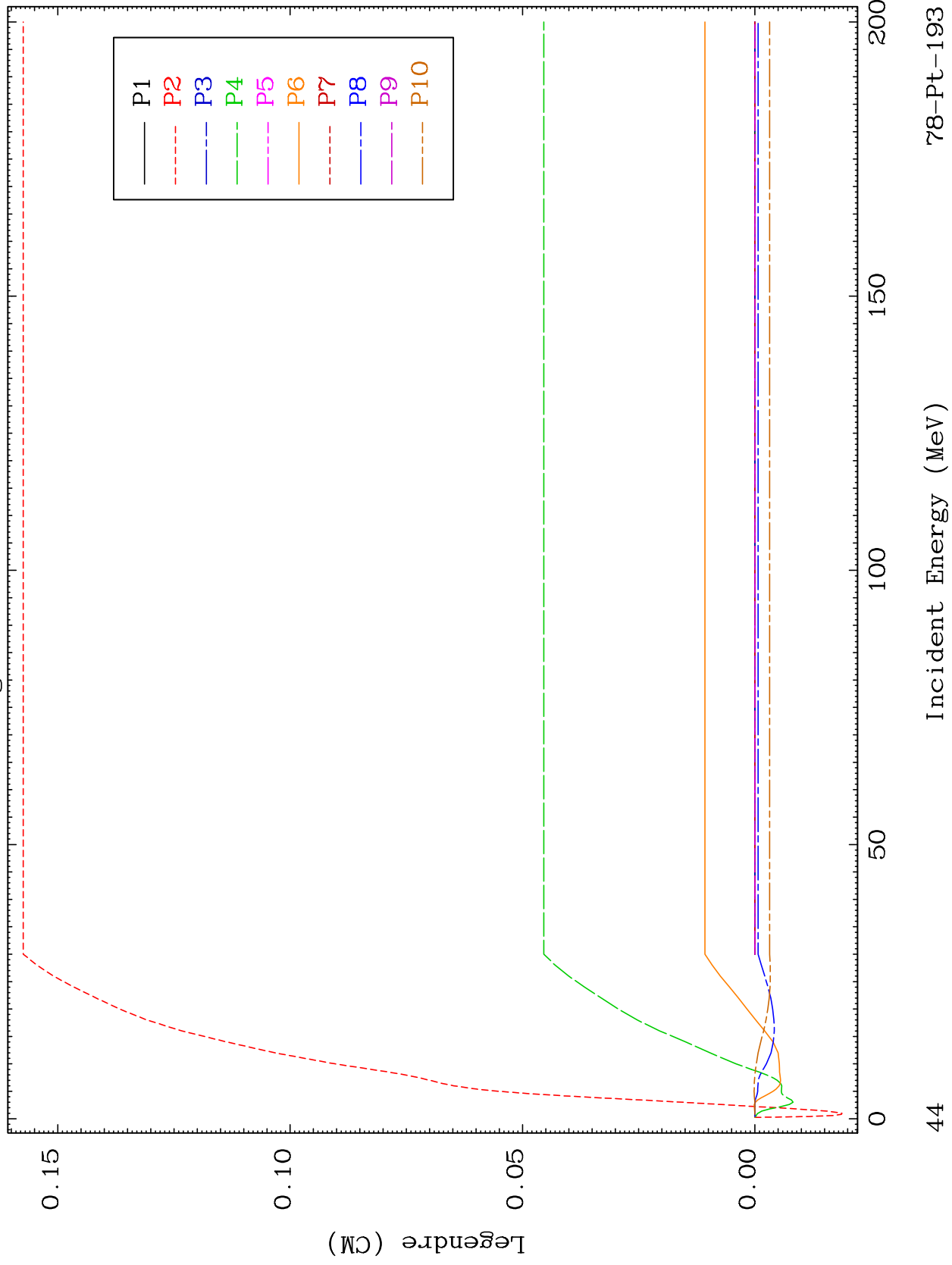
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193

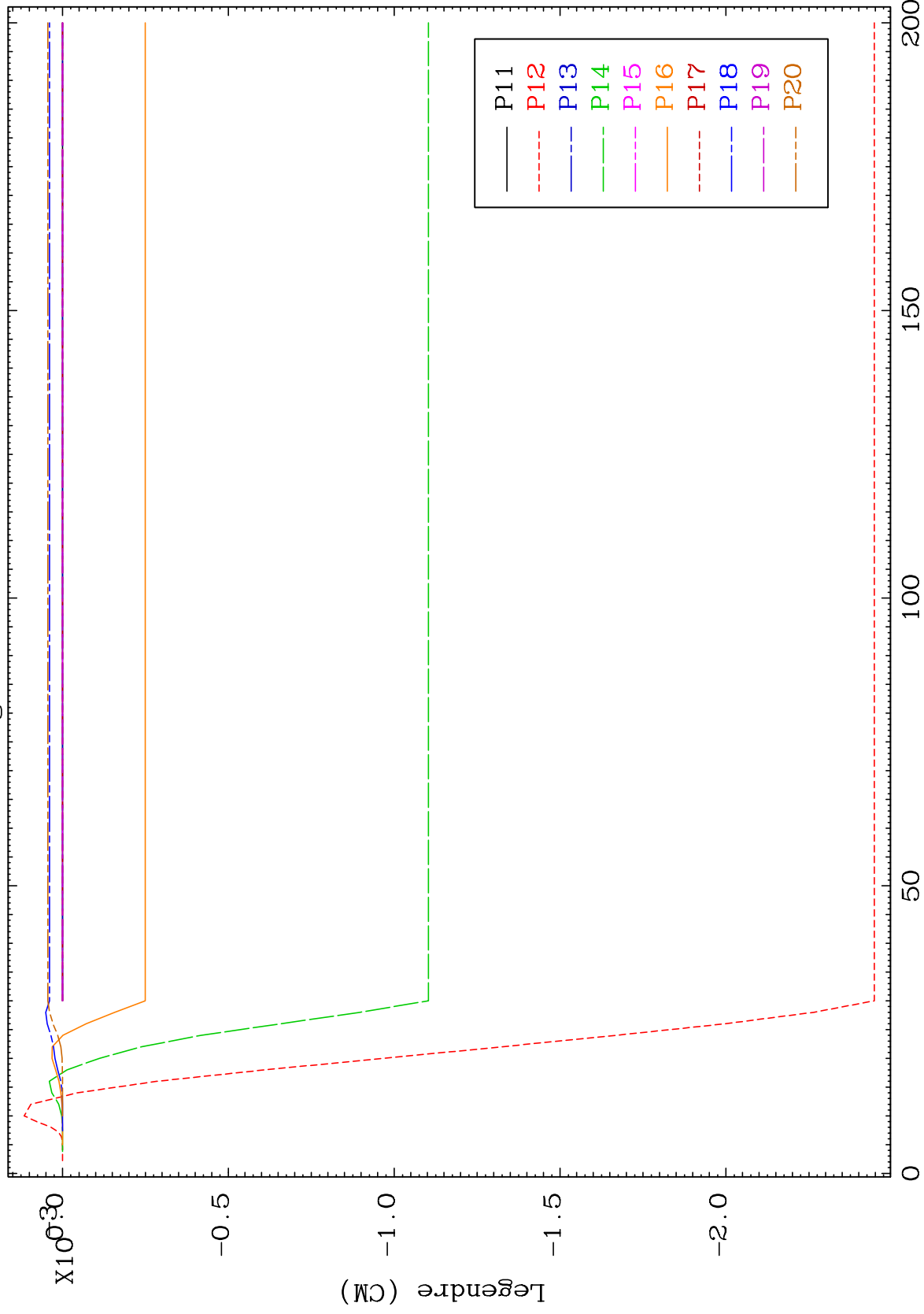


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MAT 7834

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

78-Pt-193



45

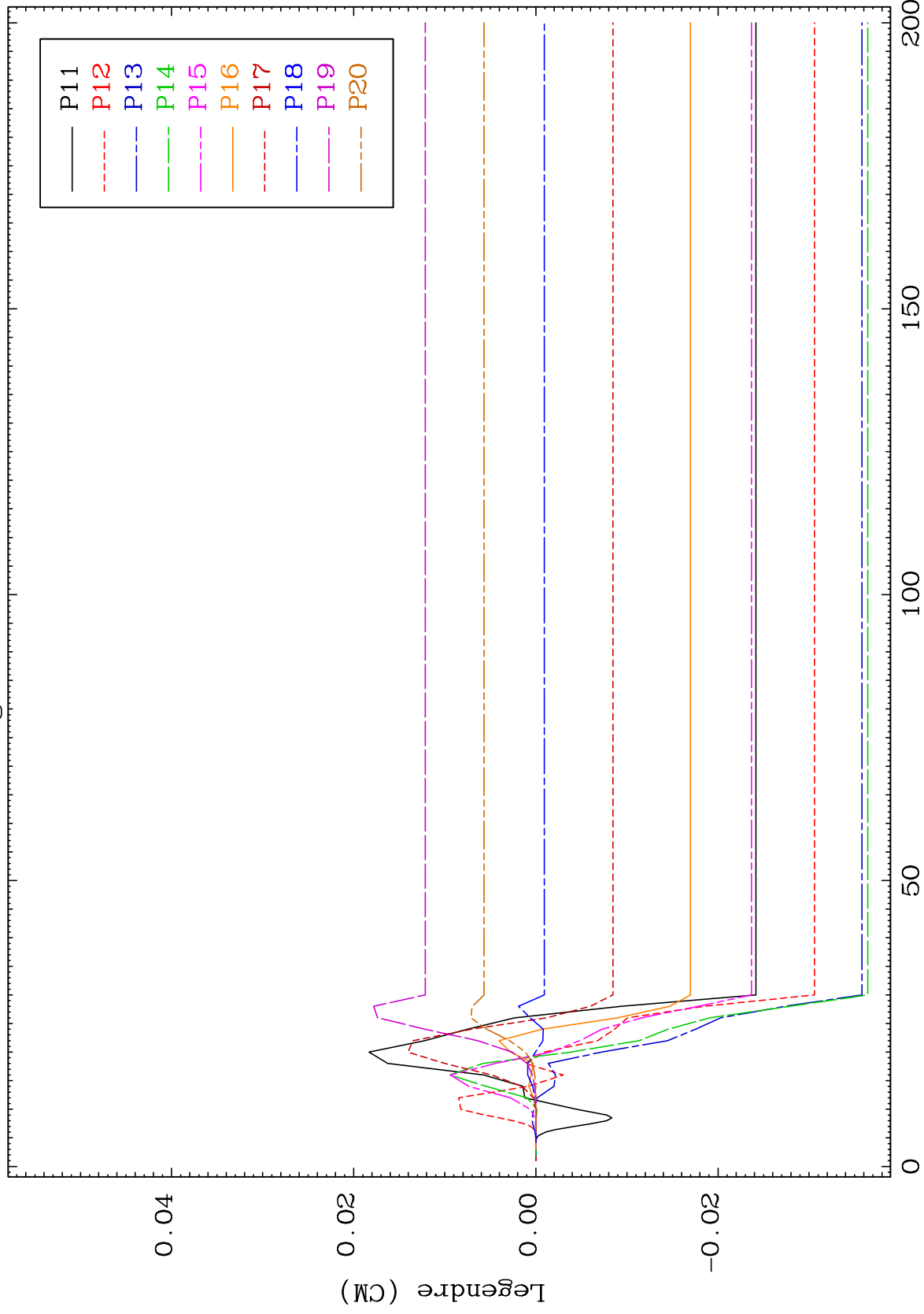
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



48

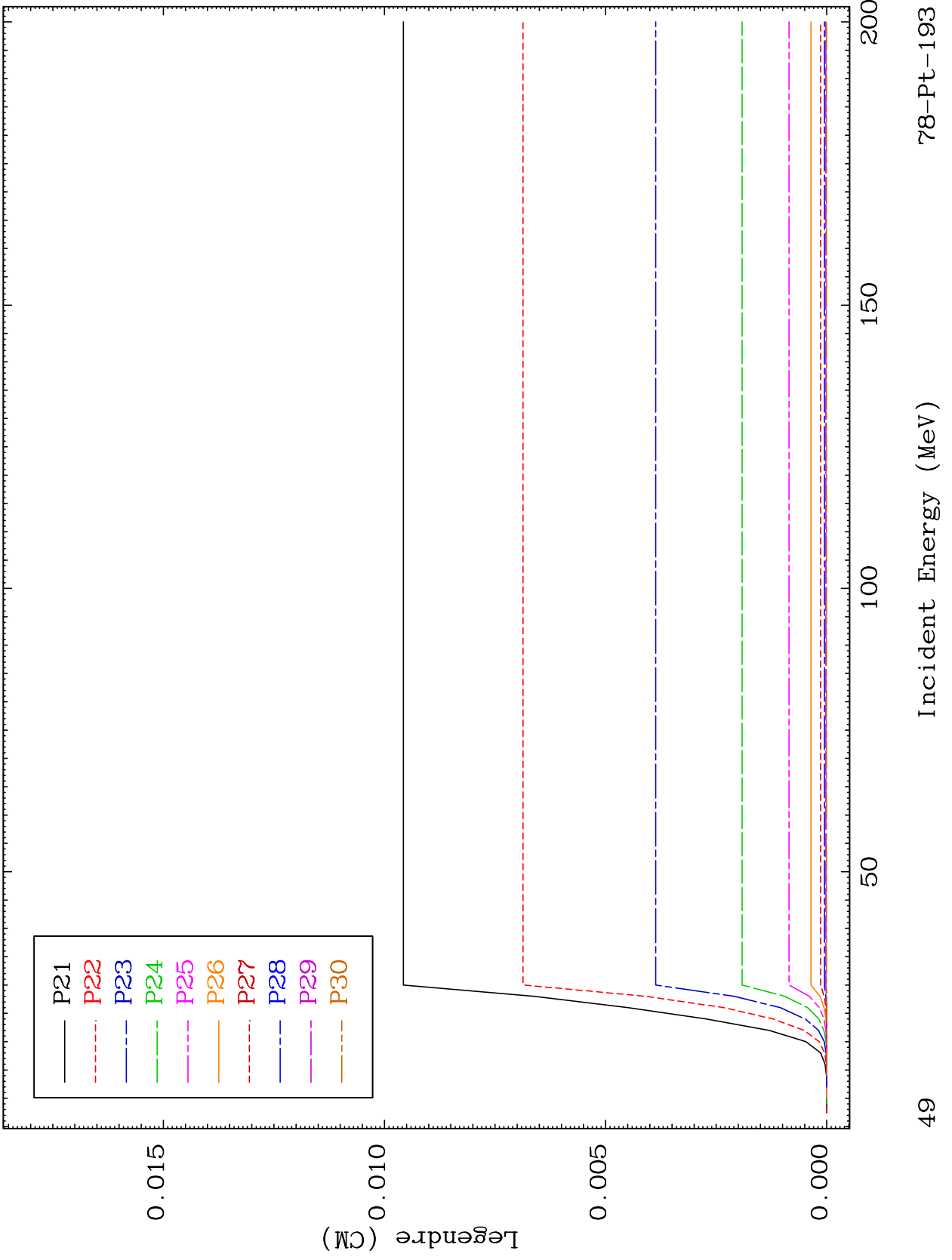
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



49

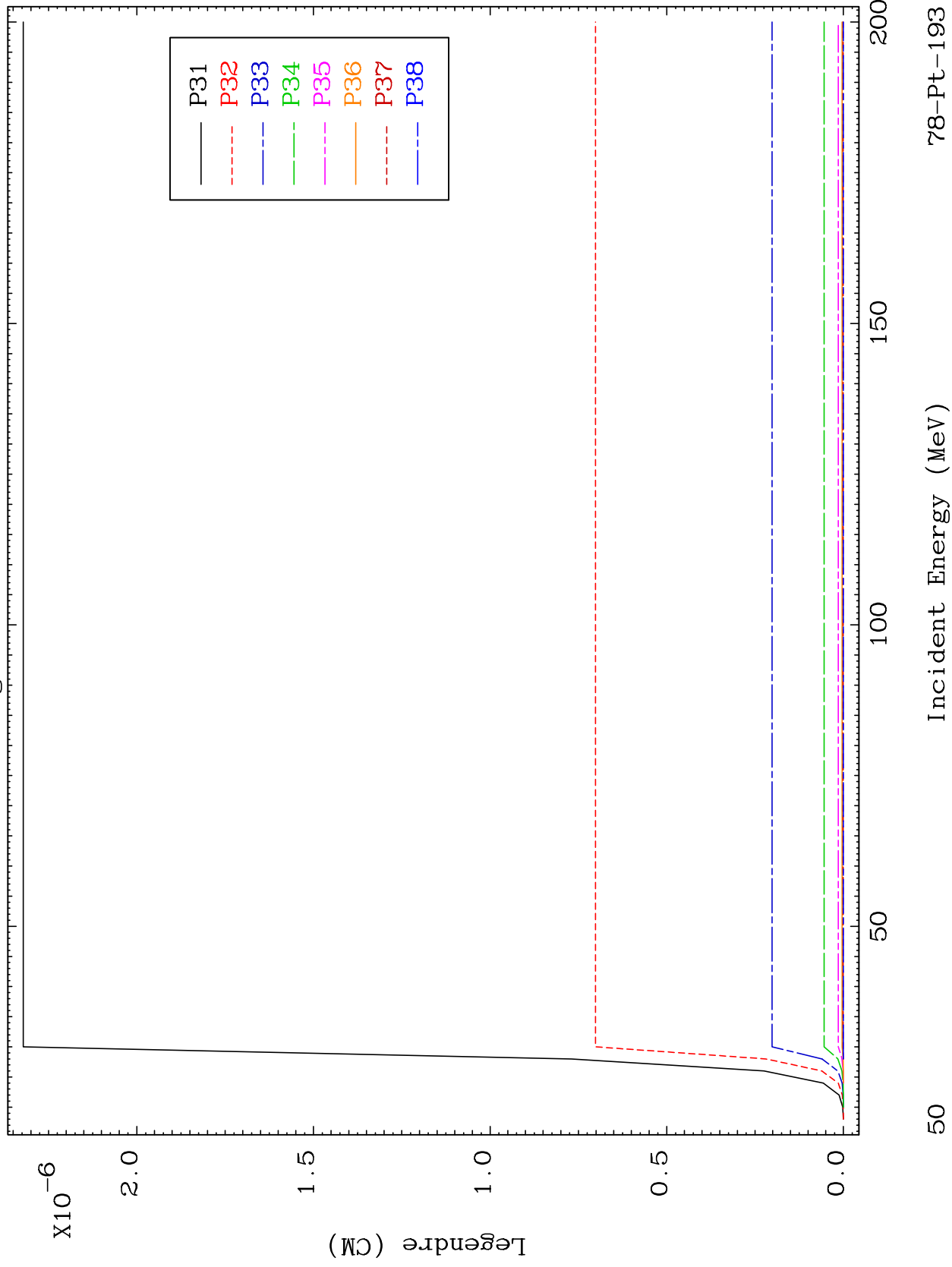
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193

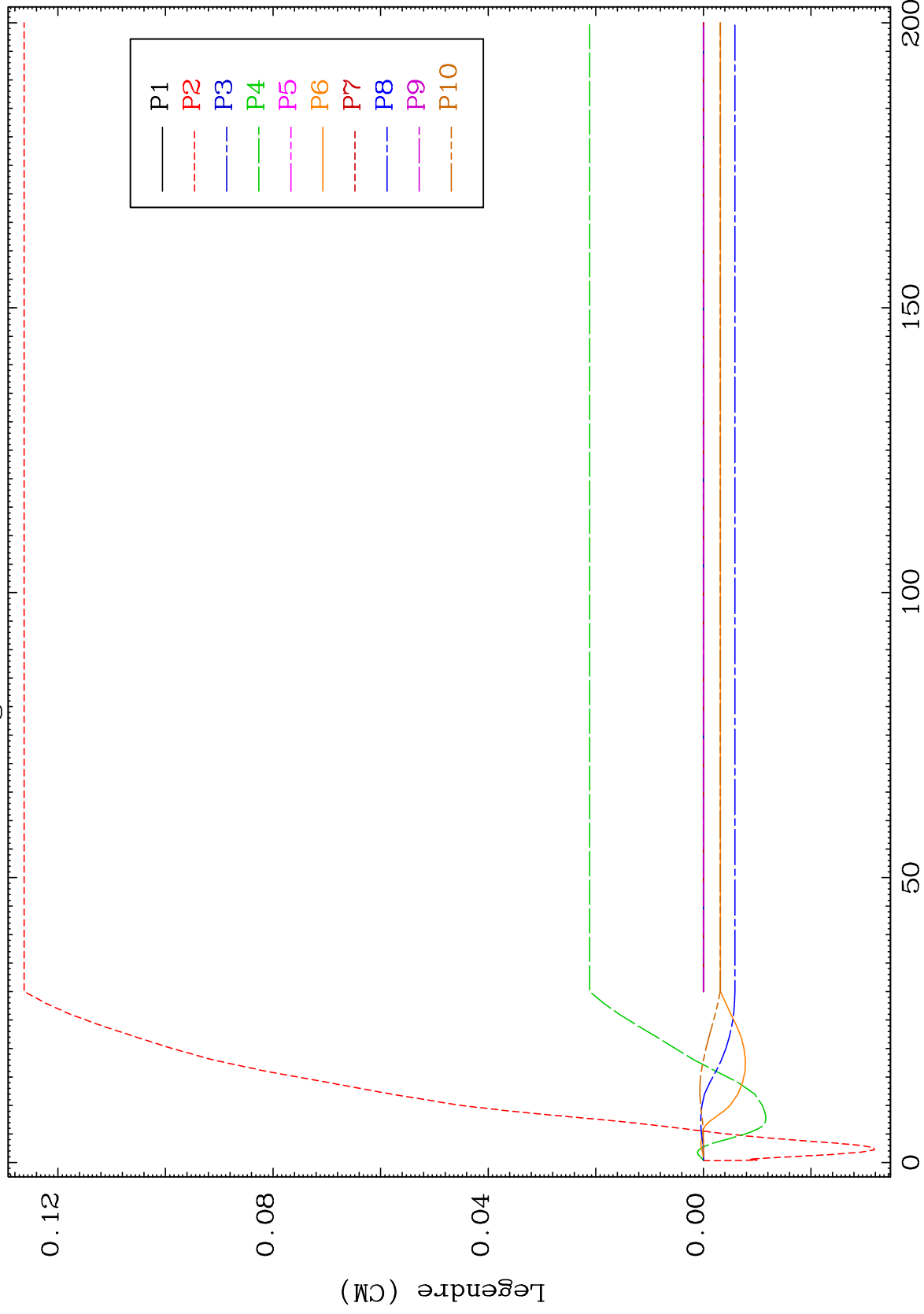


78-Pt-193

MAT 7834

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

78-Pt-193



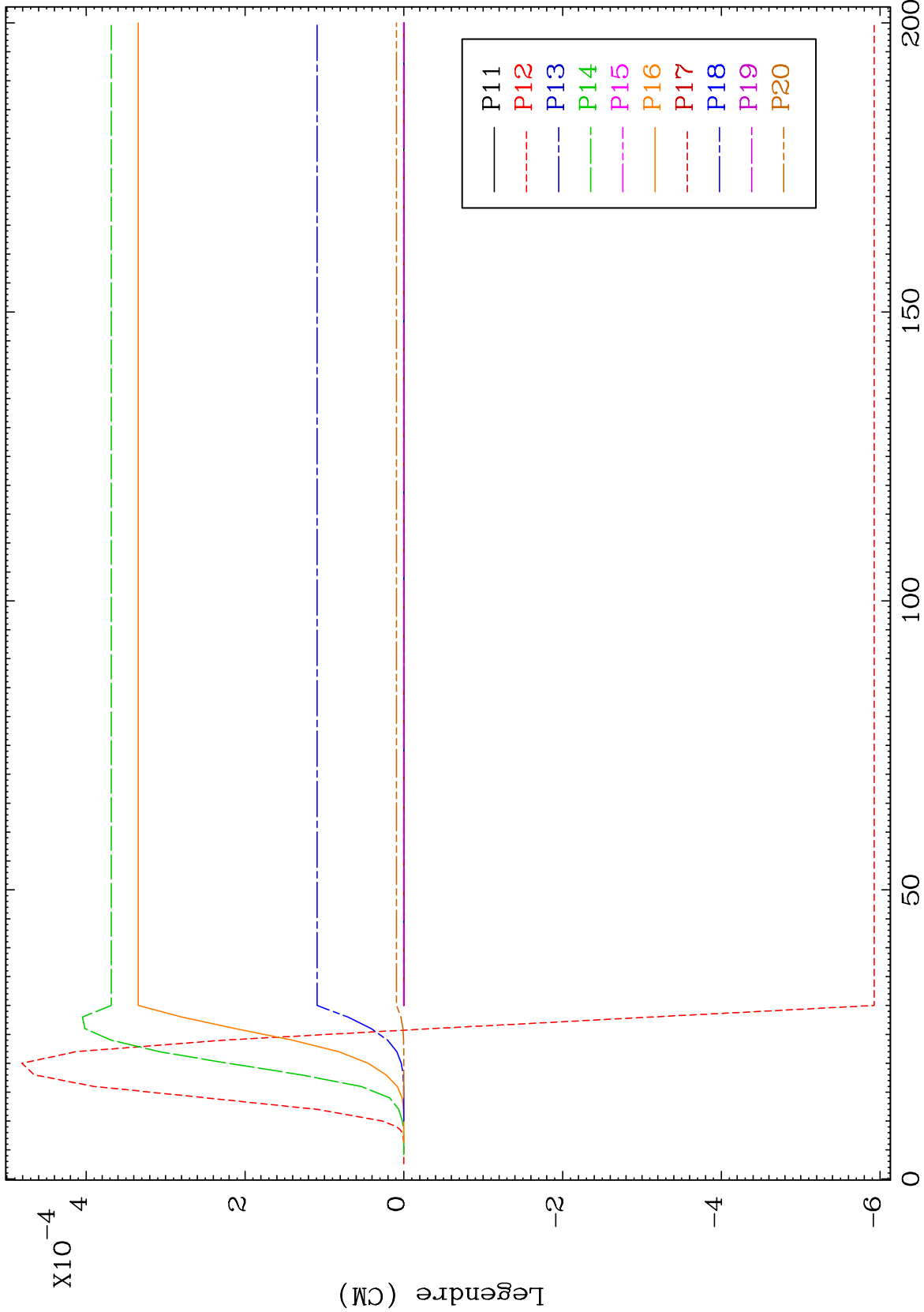
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78-Pt-193

MAT 7834

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

78-Pt-193



52

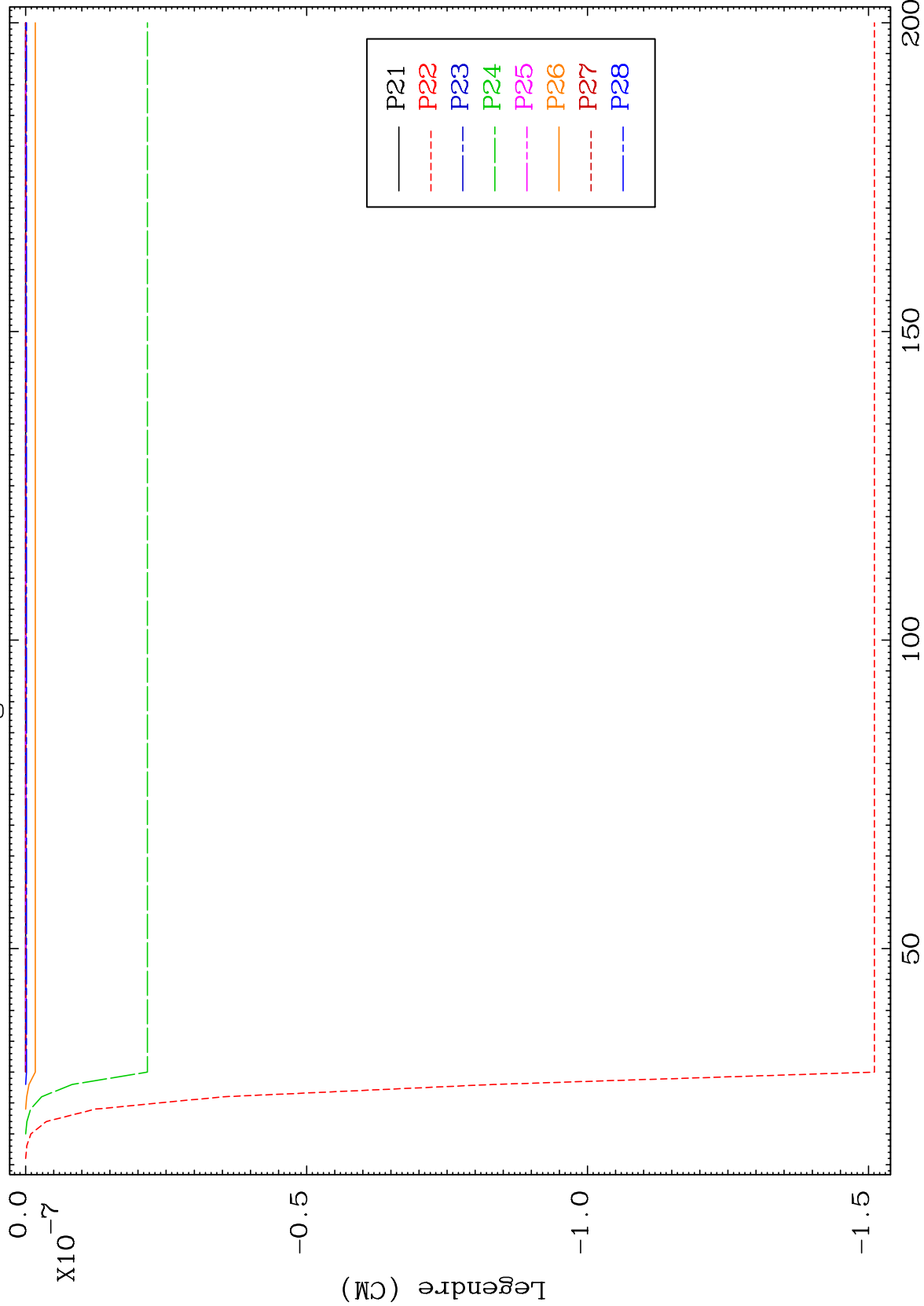
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

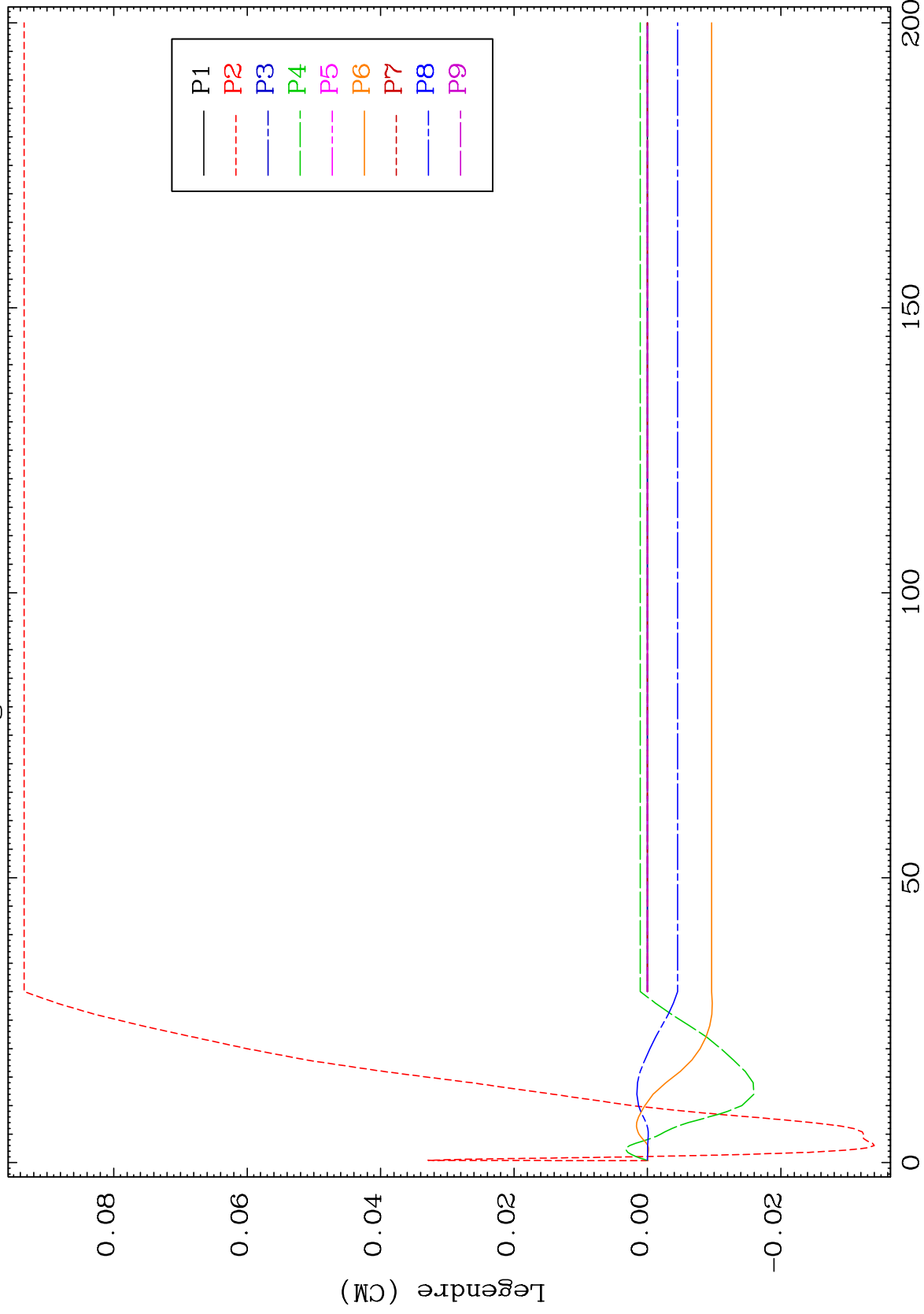
Incident Energy (MeV)

53

MAT 7834

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

78-Pt-193



54

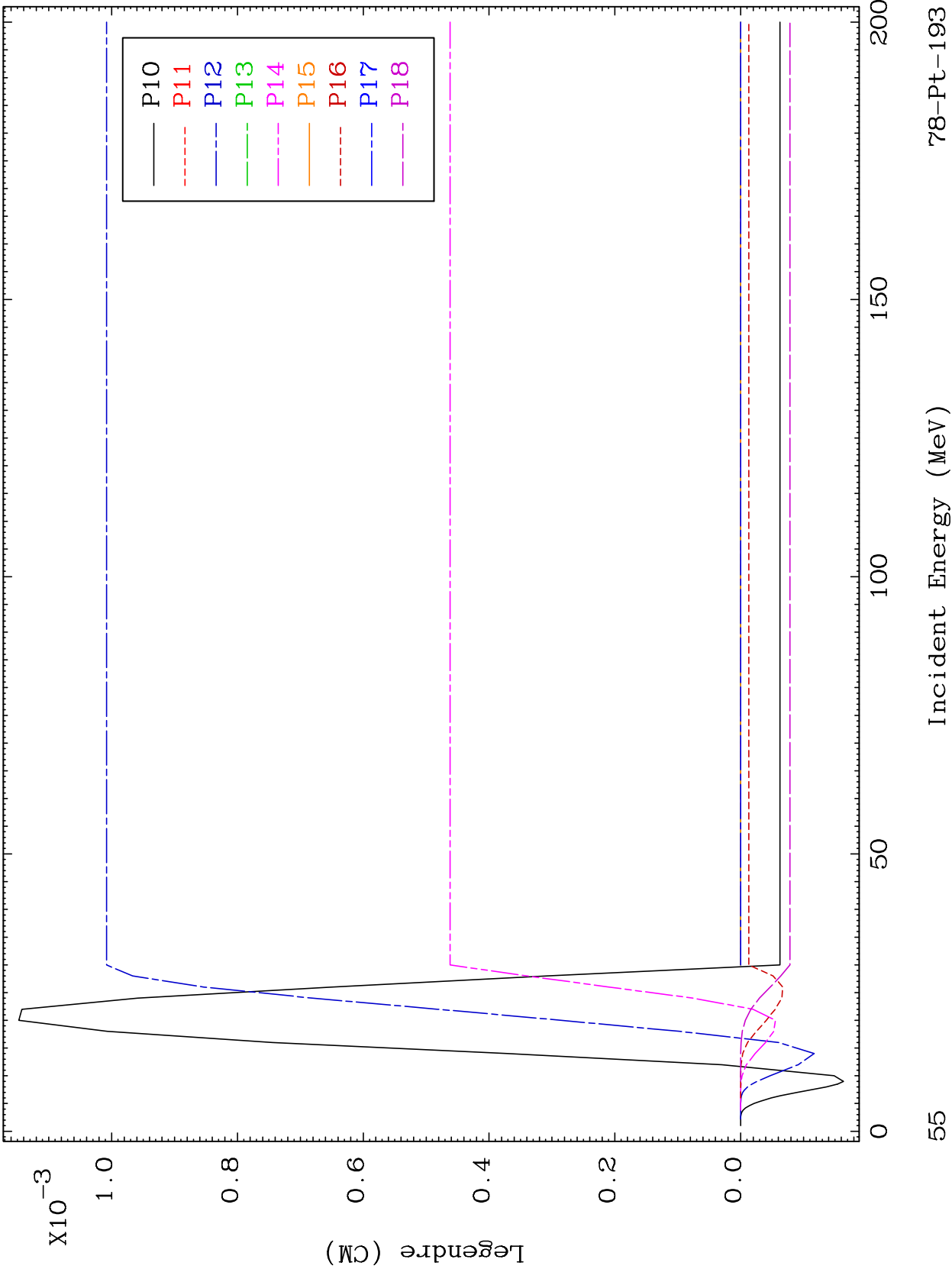
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

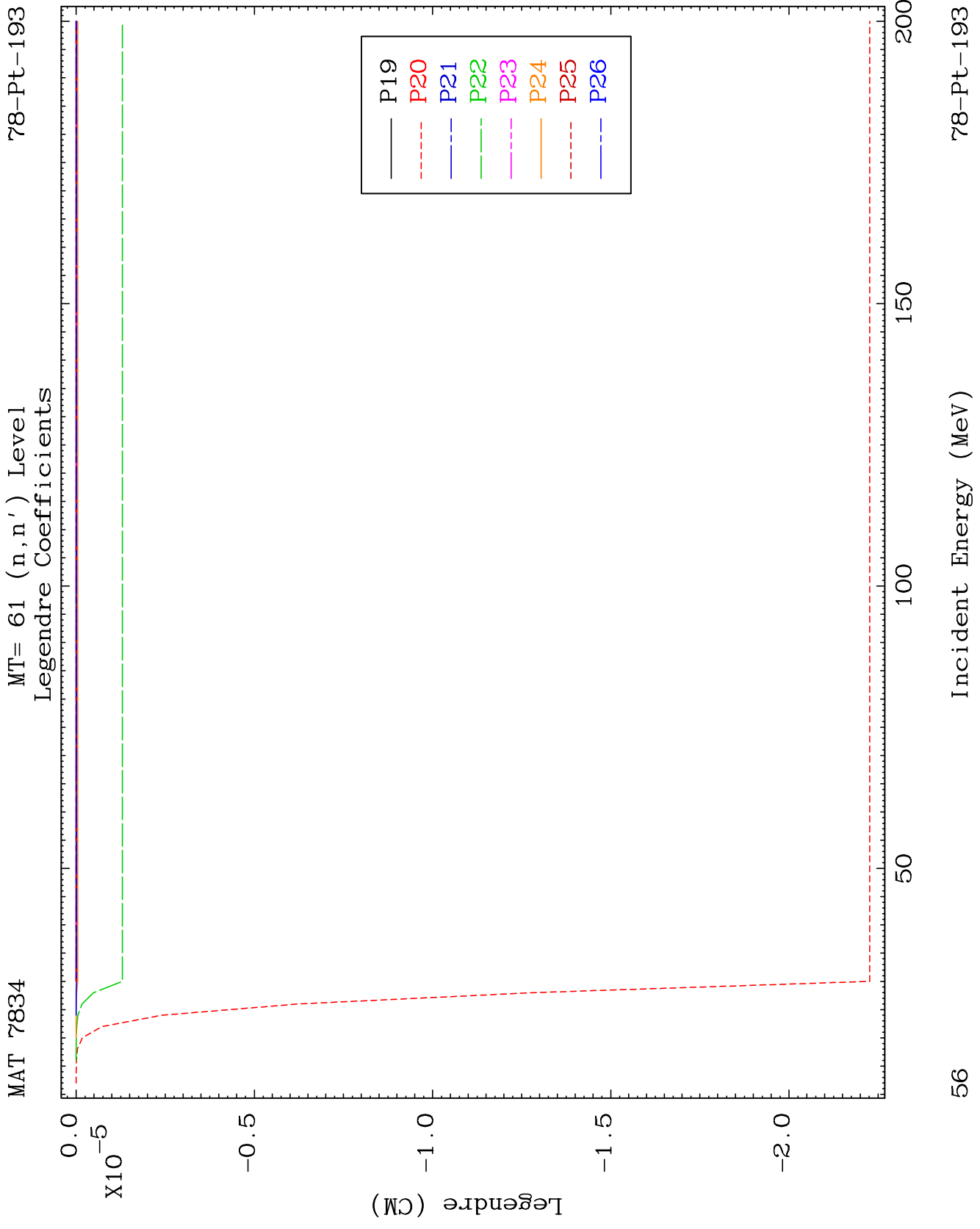
78-Pt-193



78-Pt-193

Incident Energy (MeV)

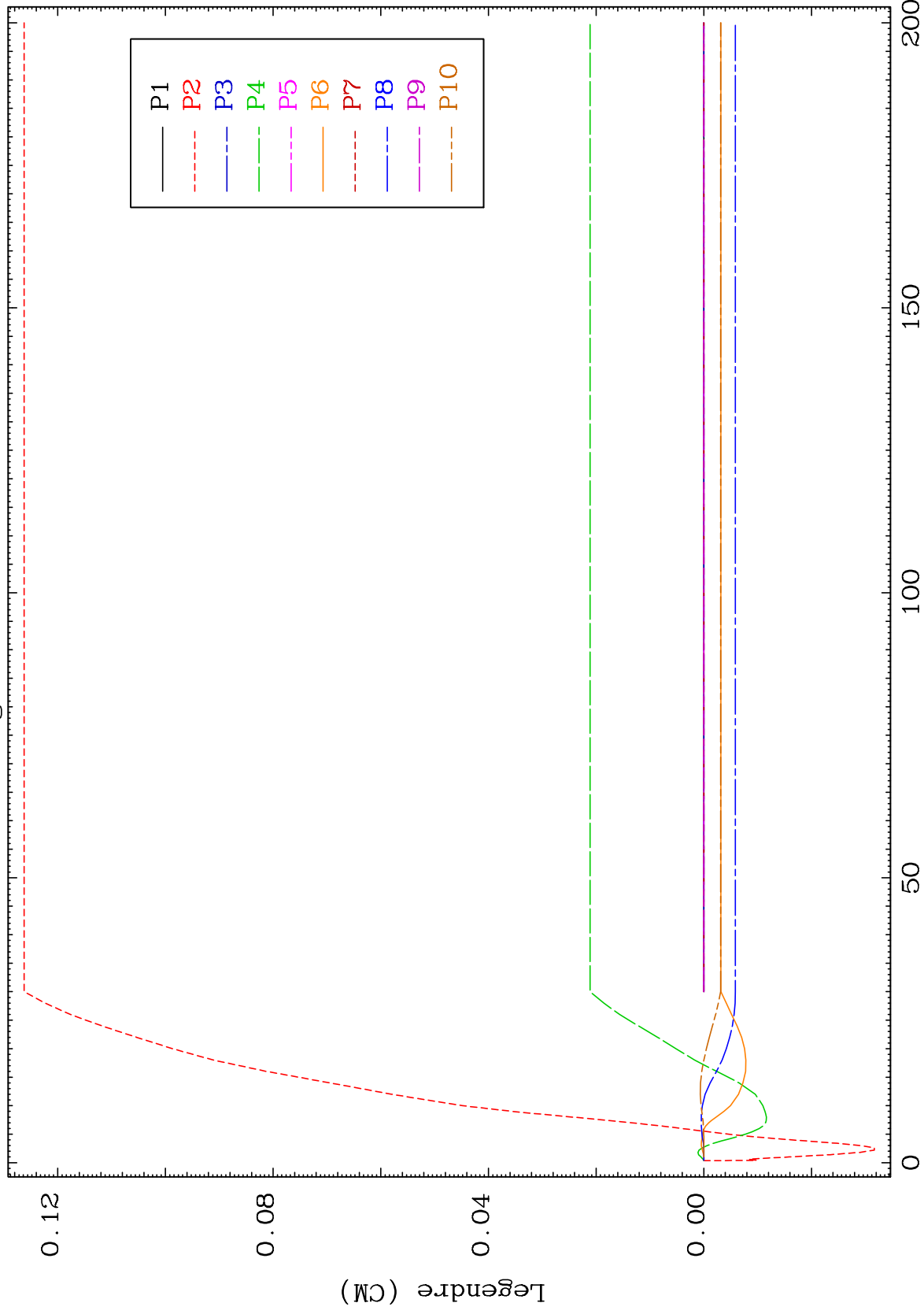
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MAT 7834

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

78-Pt-193



57

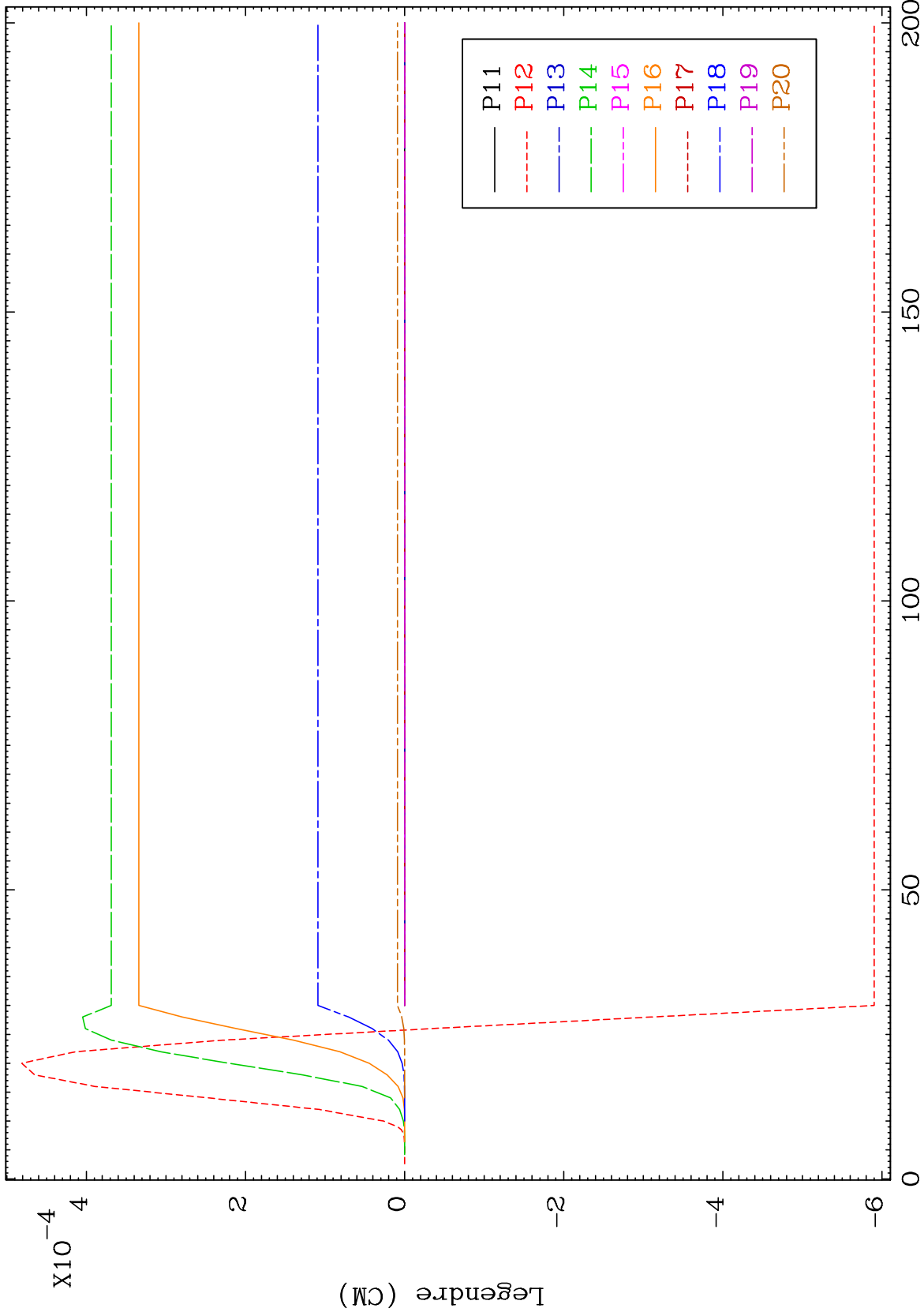
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



58

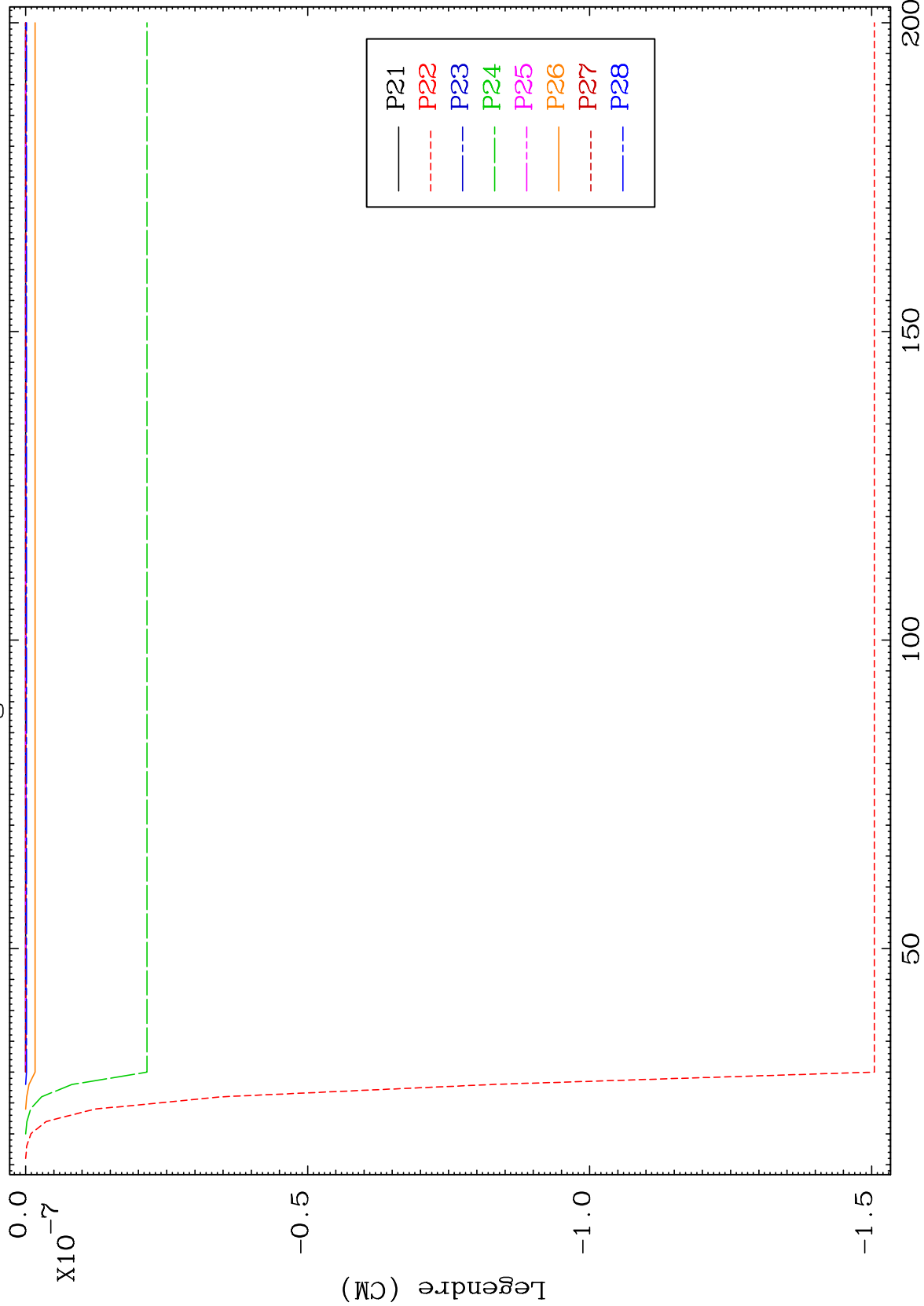
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

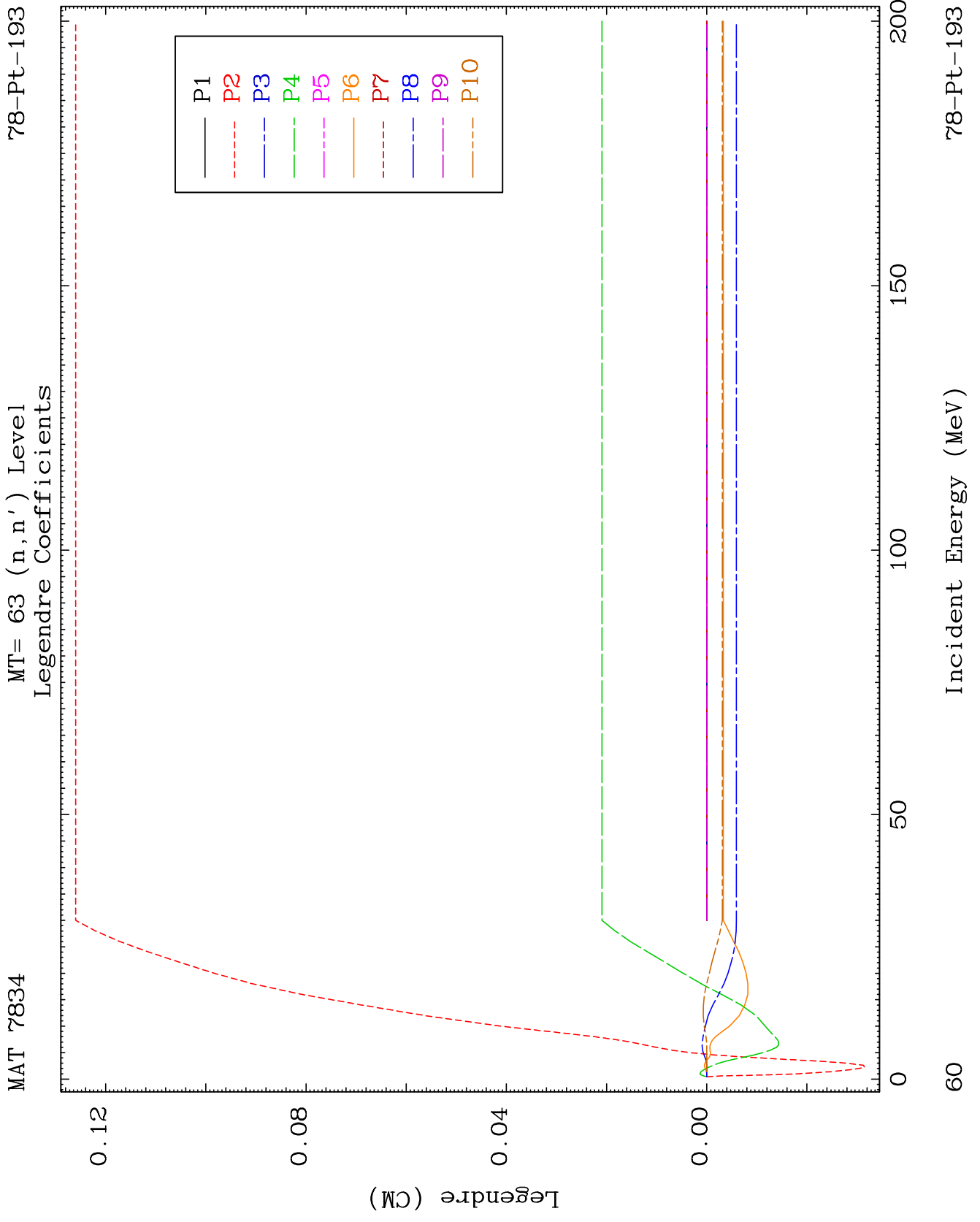
78-Pt-193



78-Pt-193

Incident Energy (MeV)

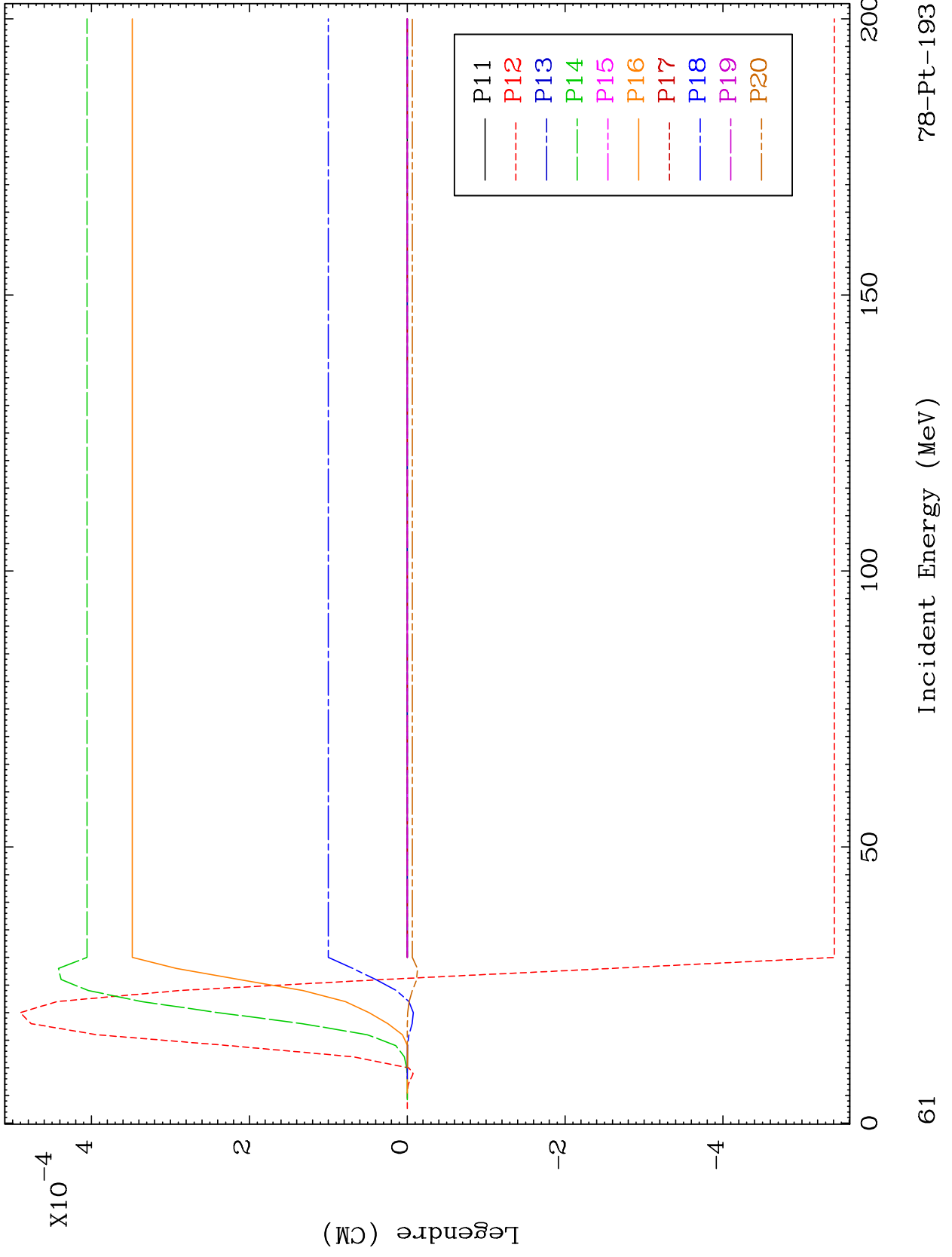
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MAT 7834

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

78-Pt-193



61

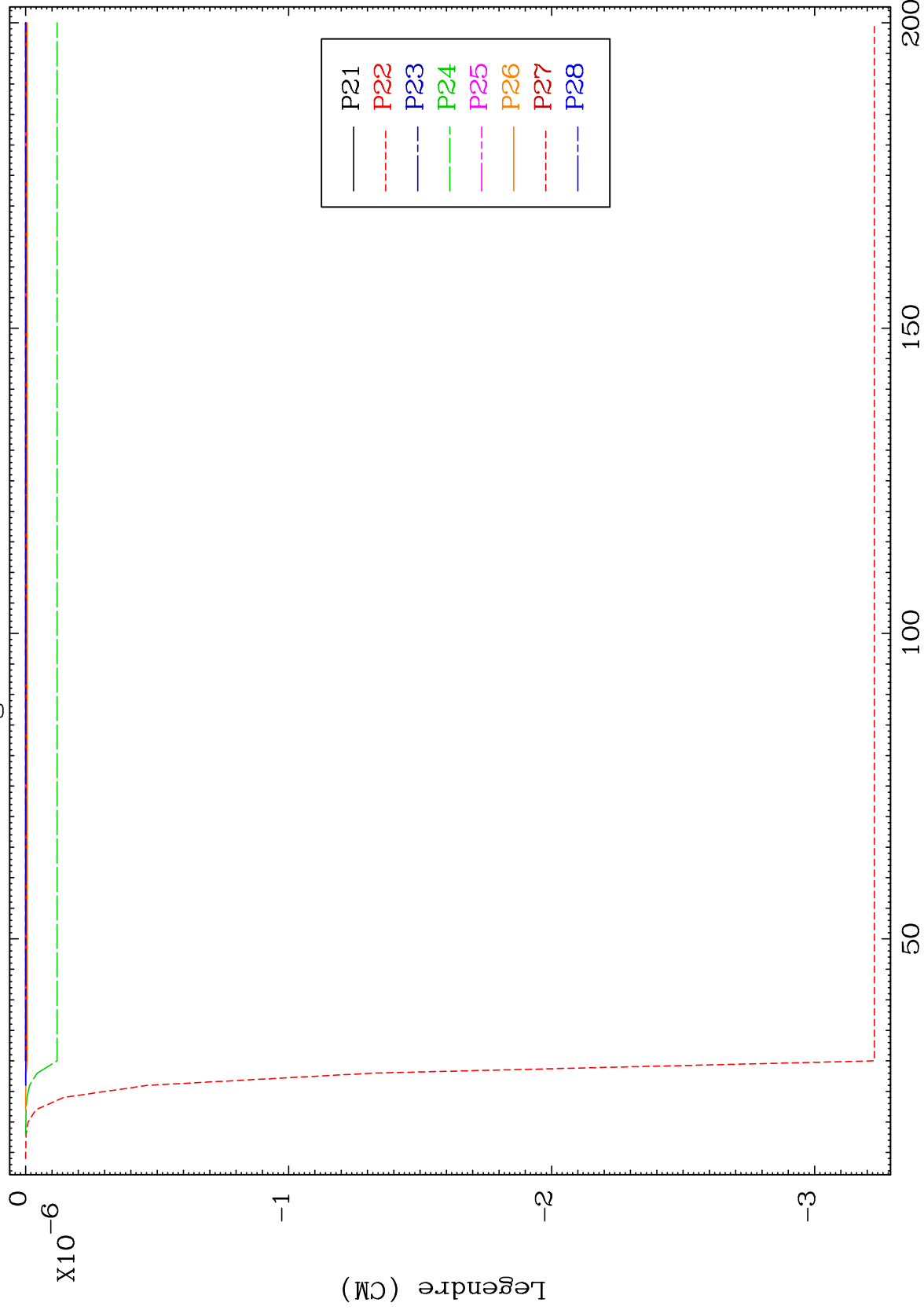
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



62

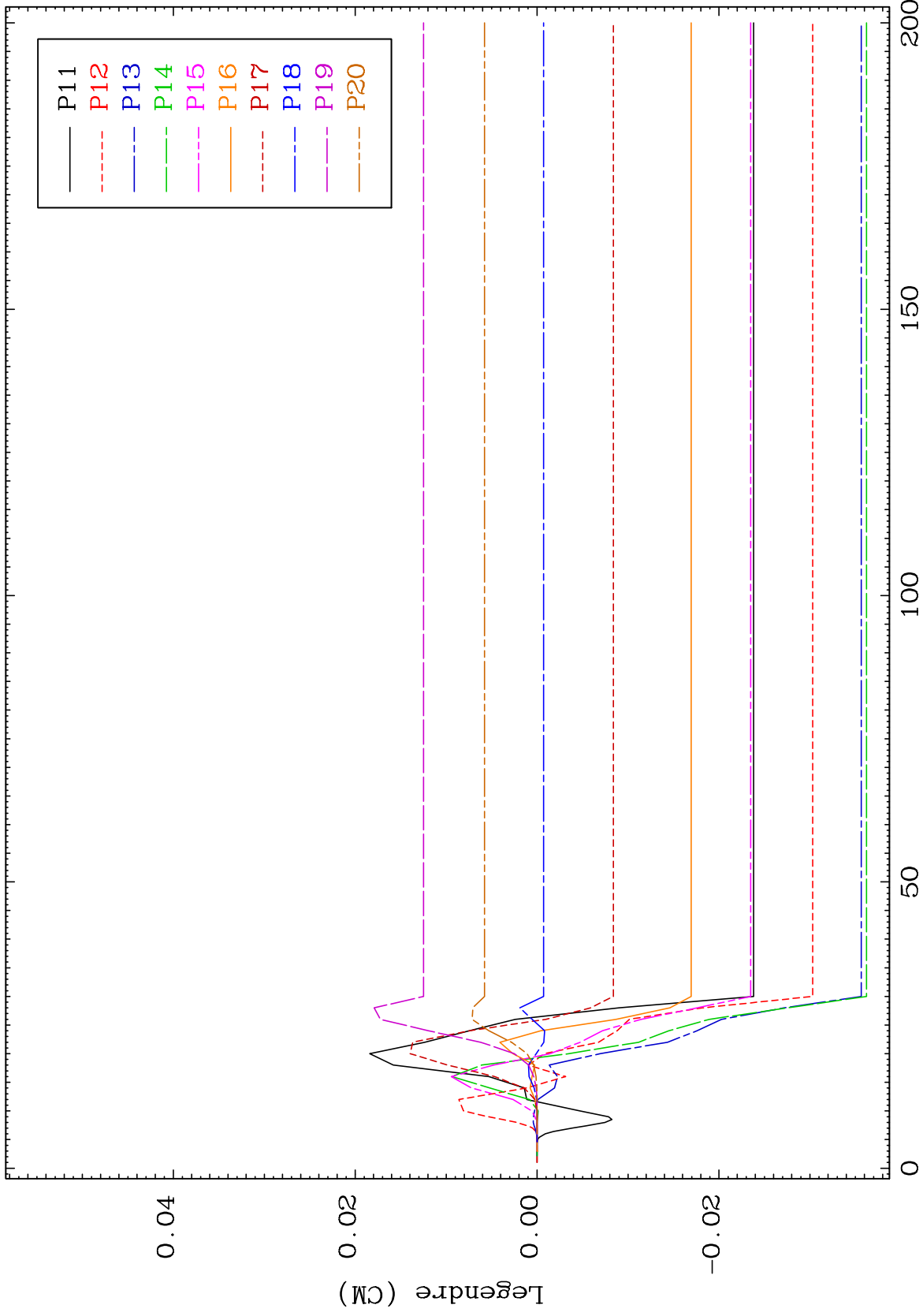
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



64

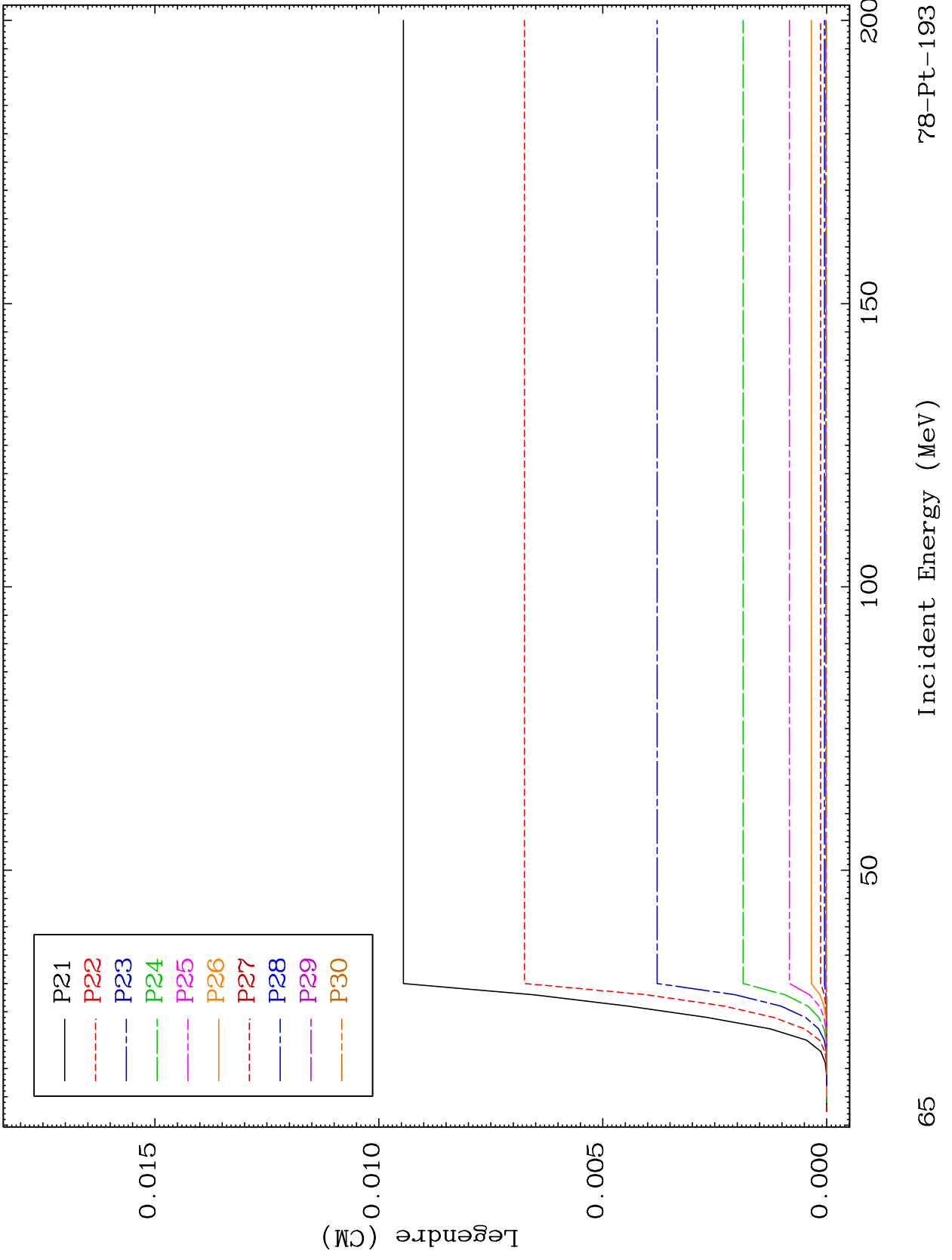
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



65

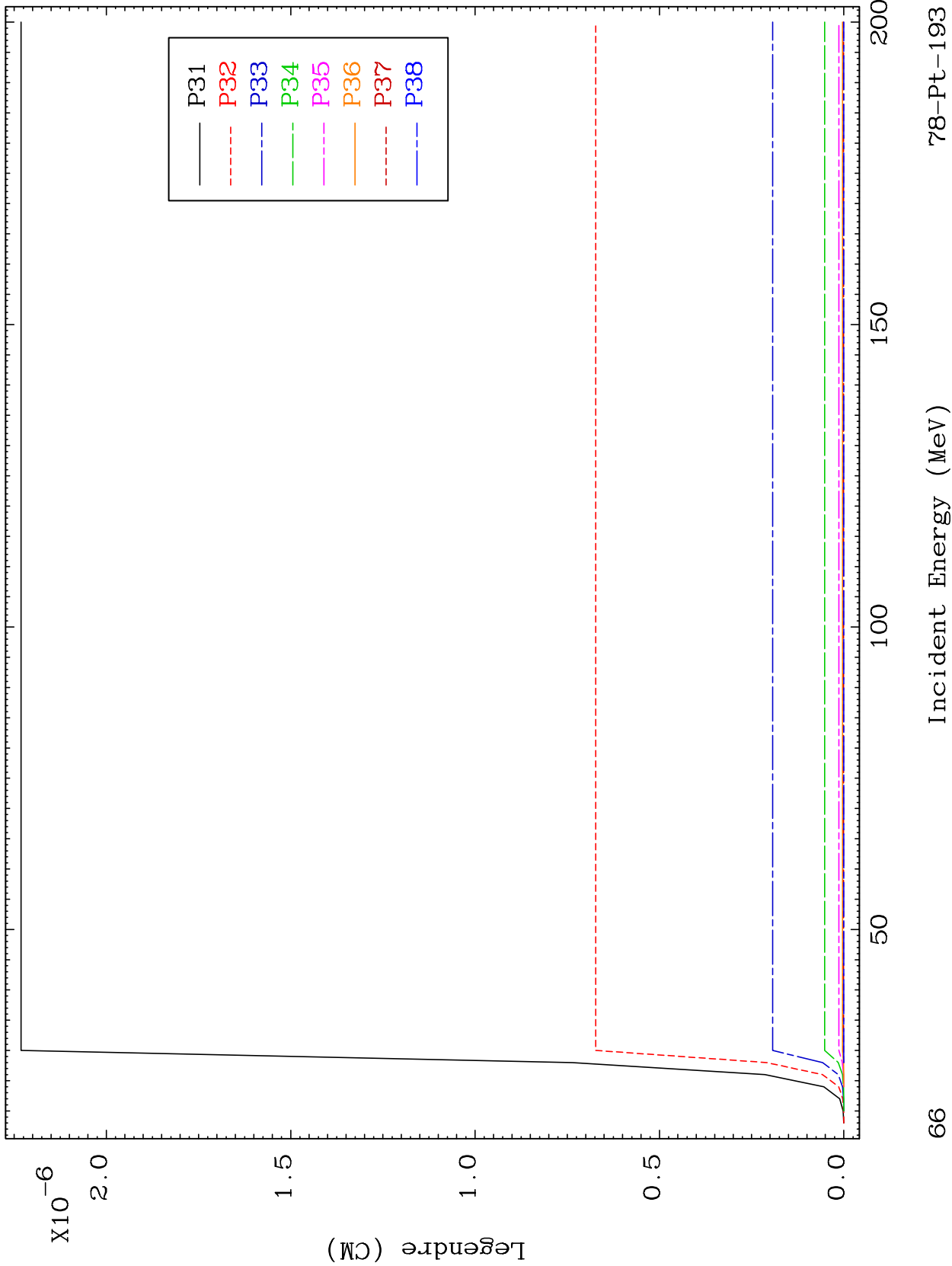
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



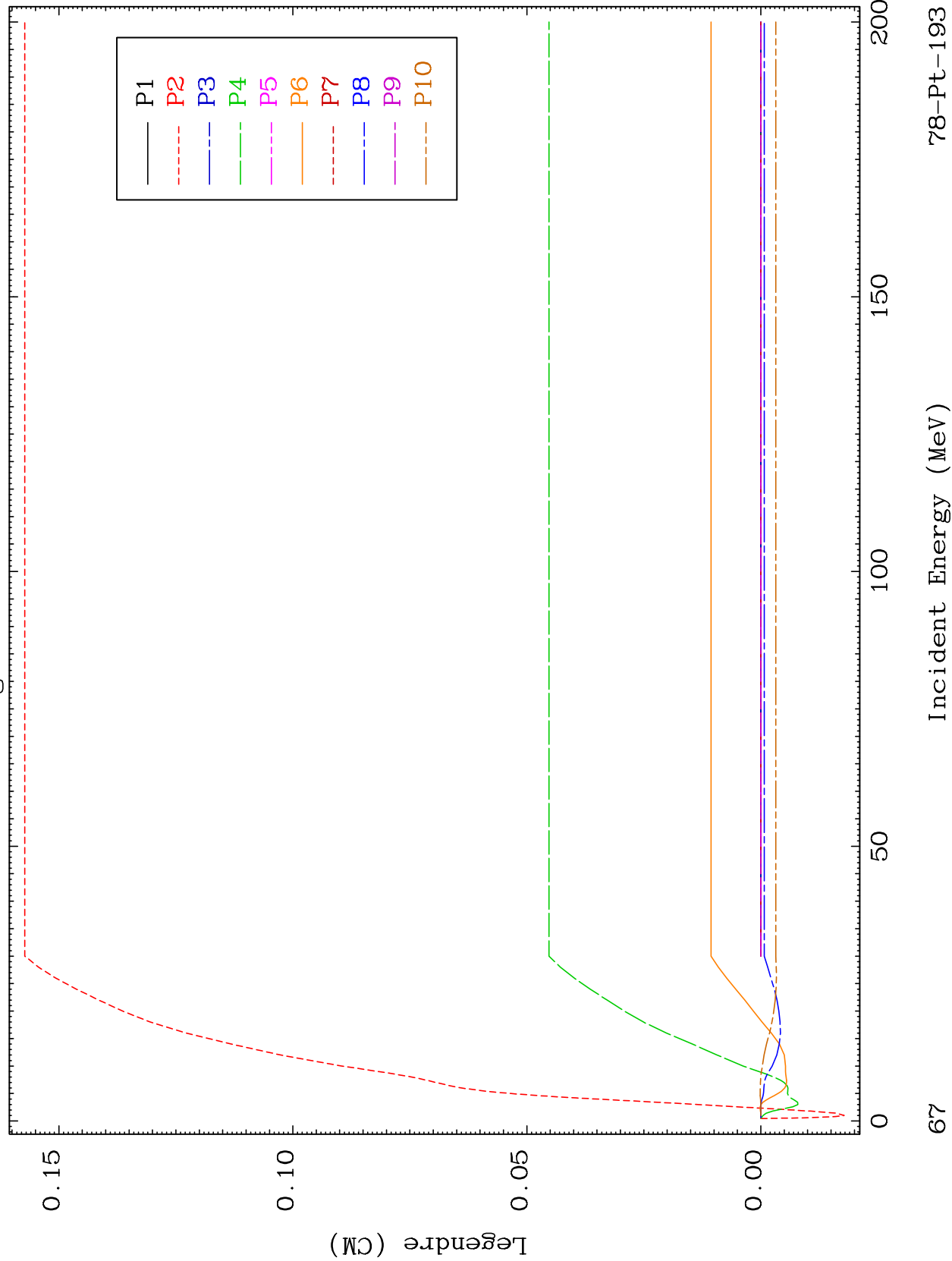
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78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

Incident Energy (MeV)

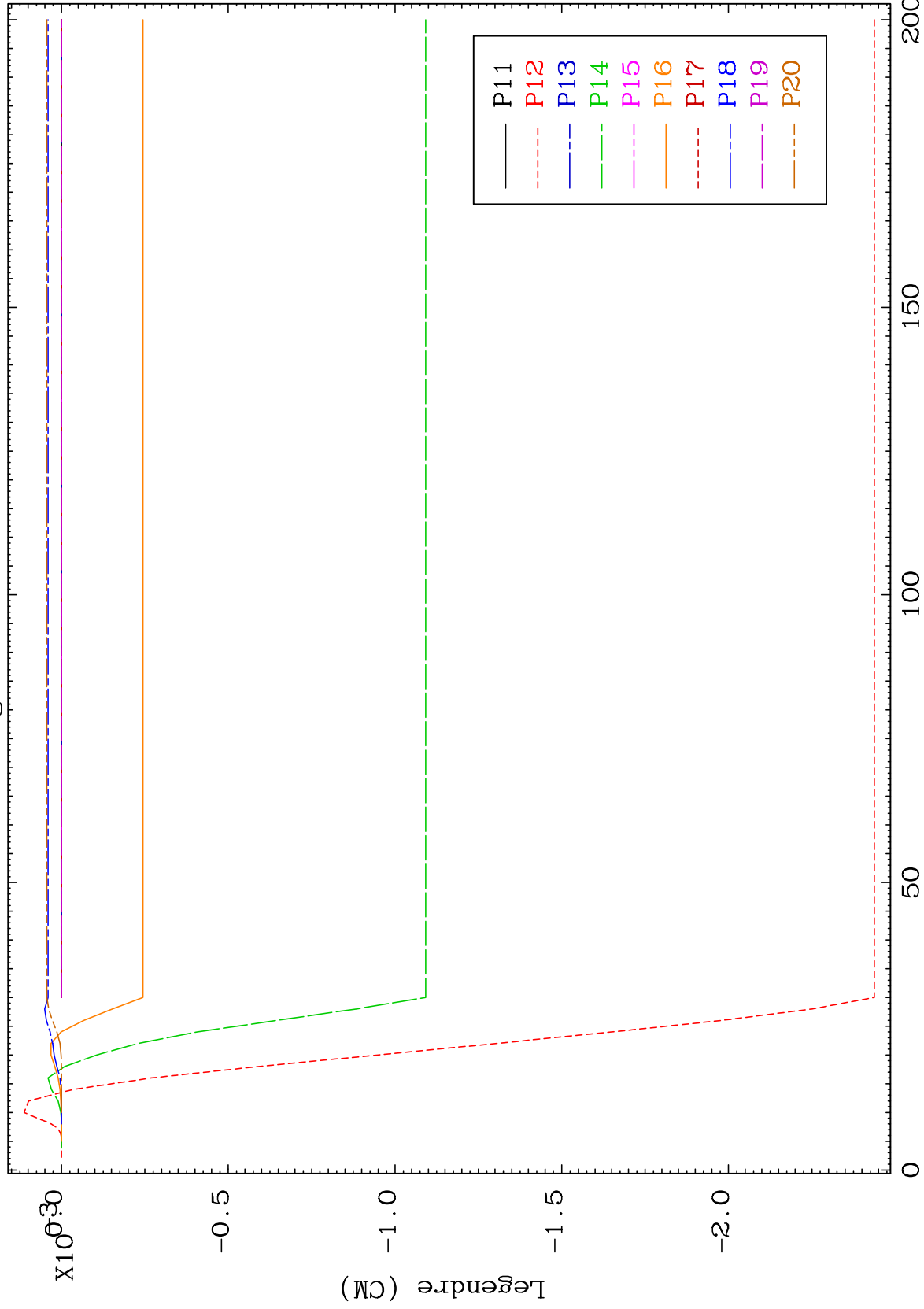
67

MAT 7834

MT= 65 (n,n') Level

78-Pt-193

Legendre Coefficients



68

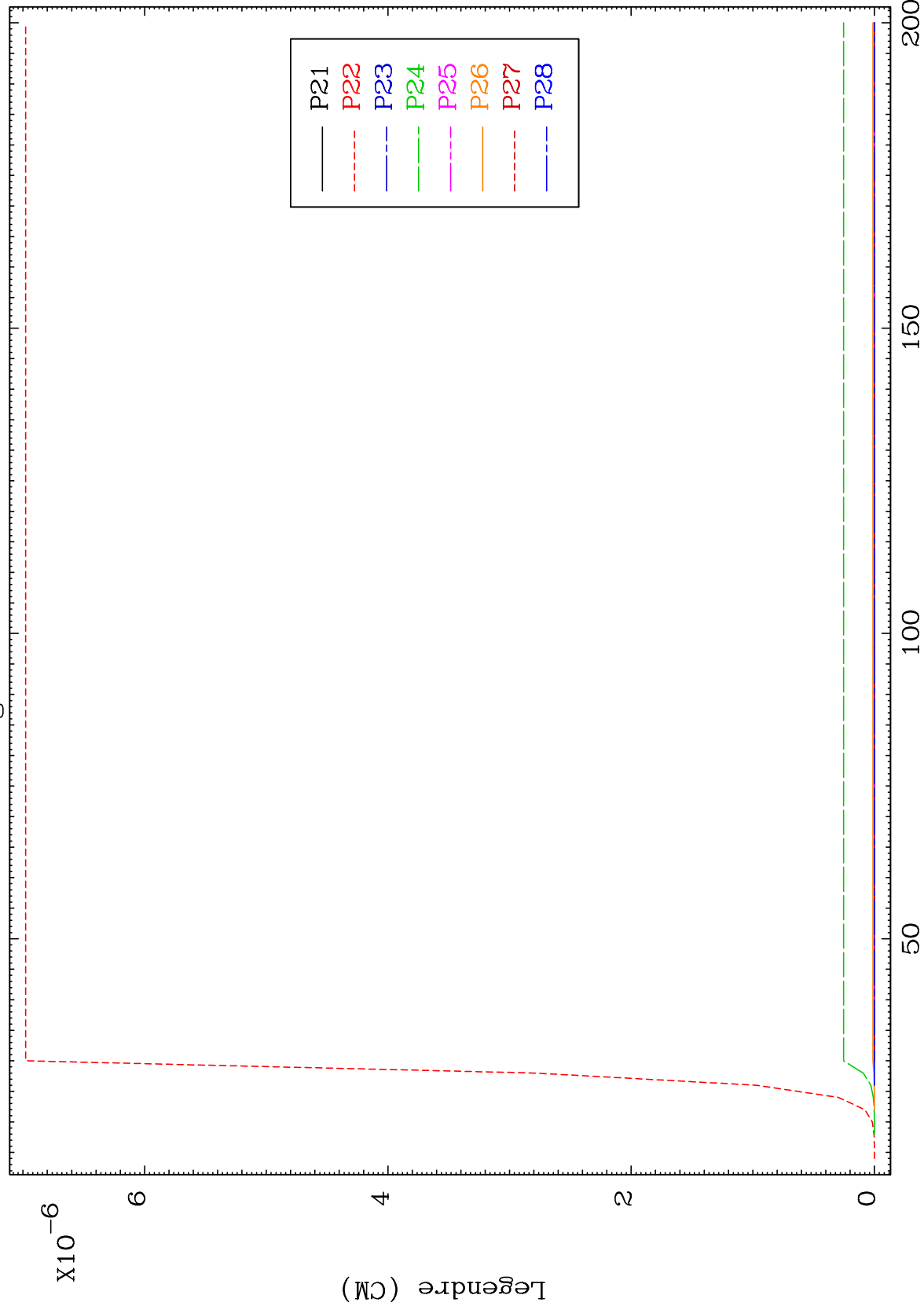
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



69

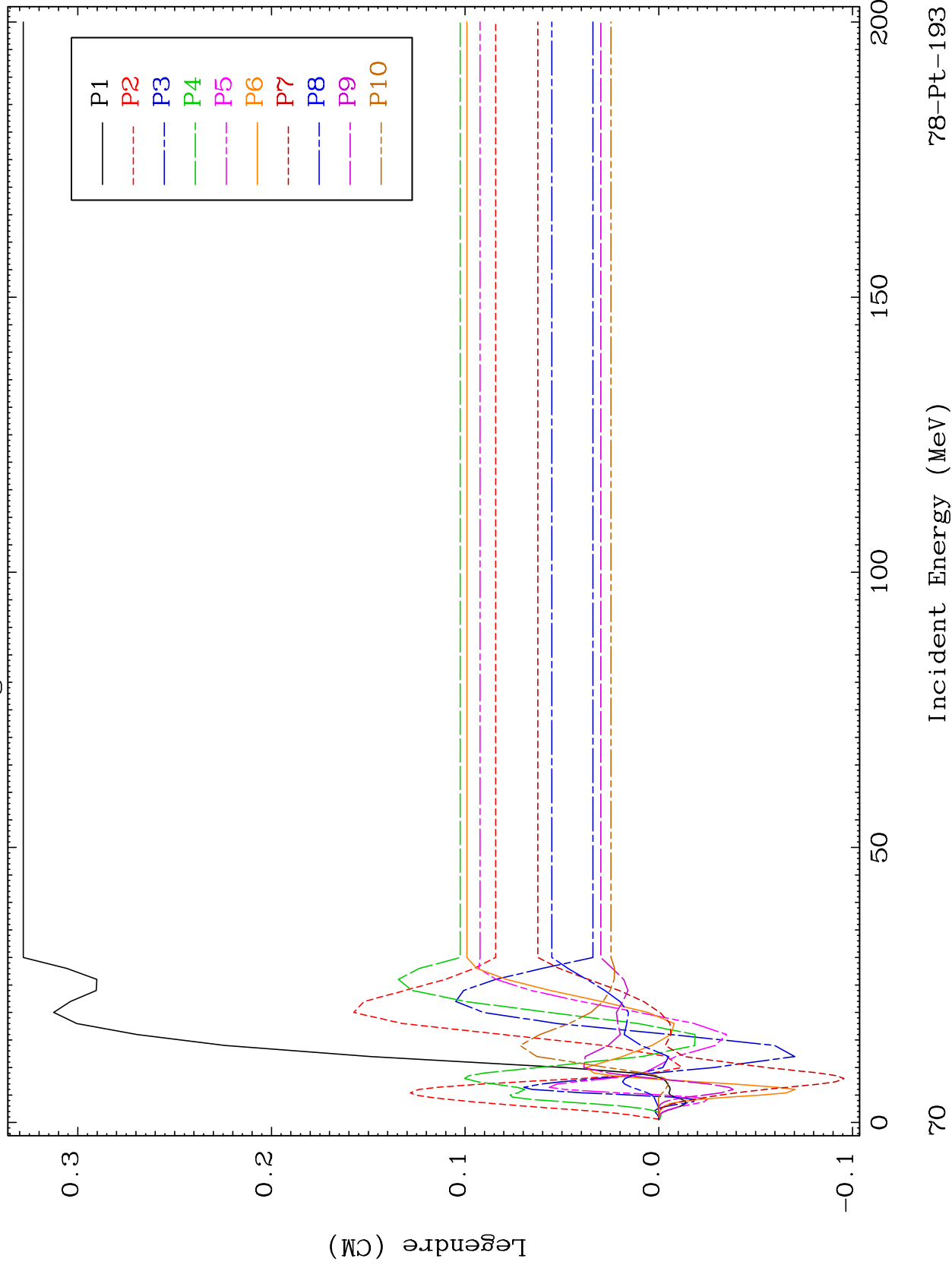
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193

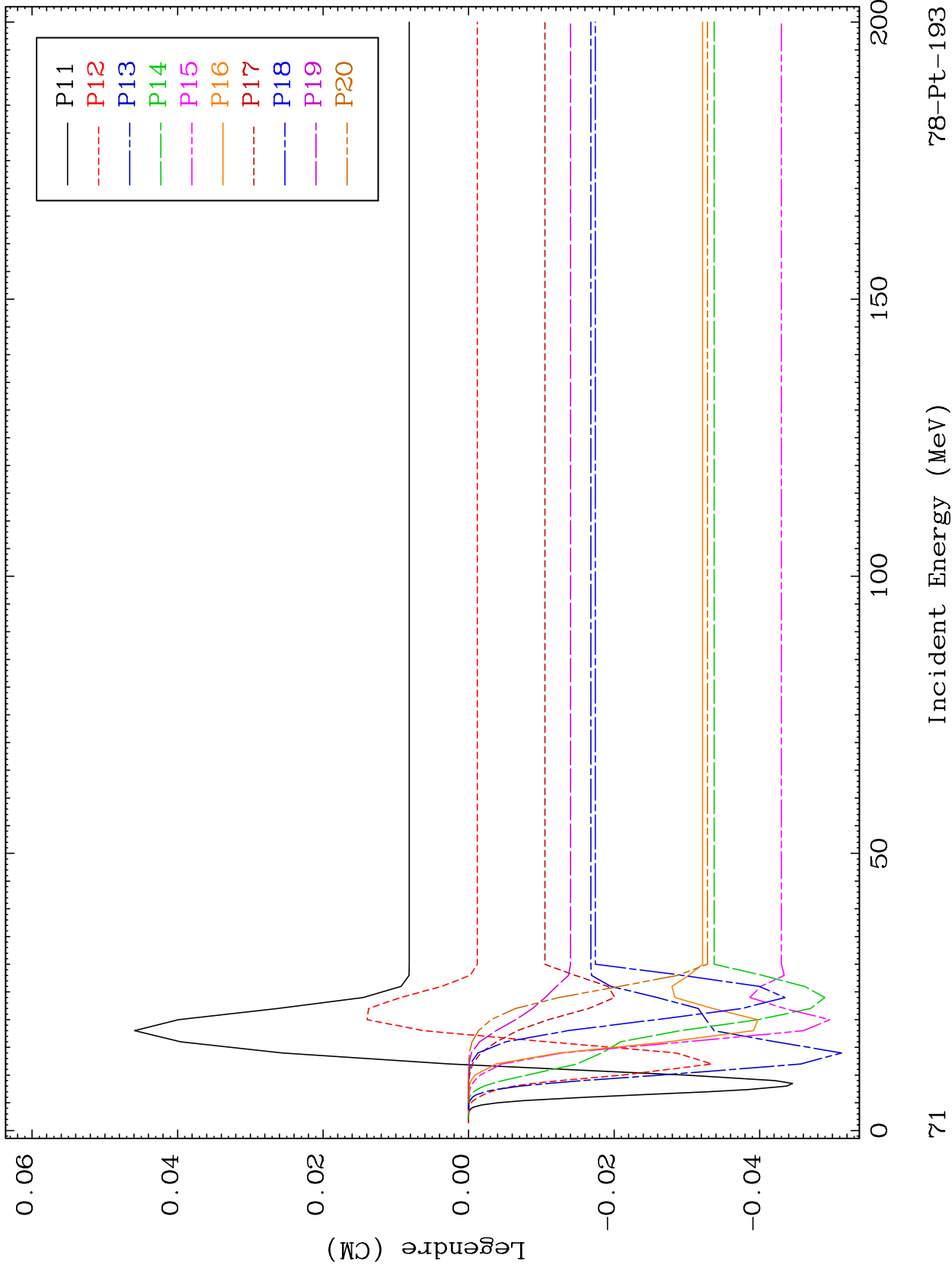


78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

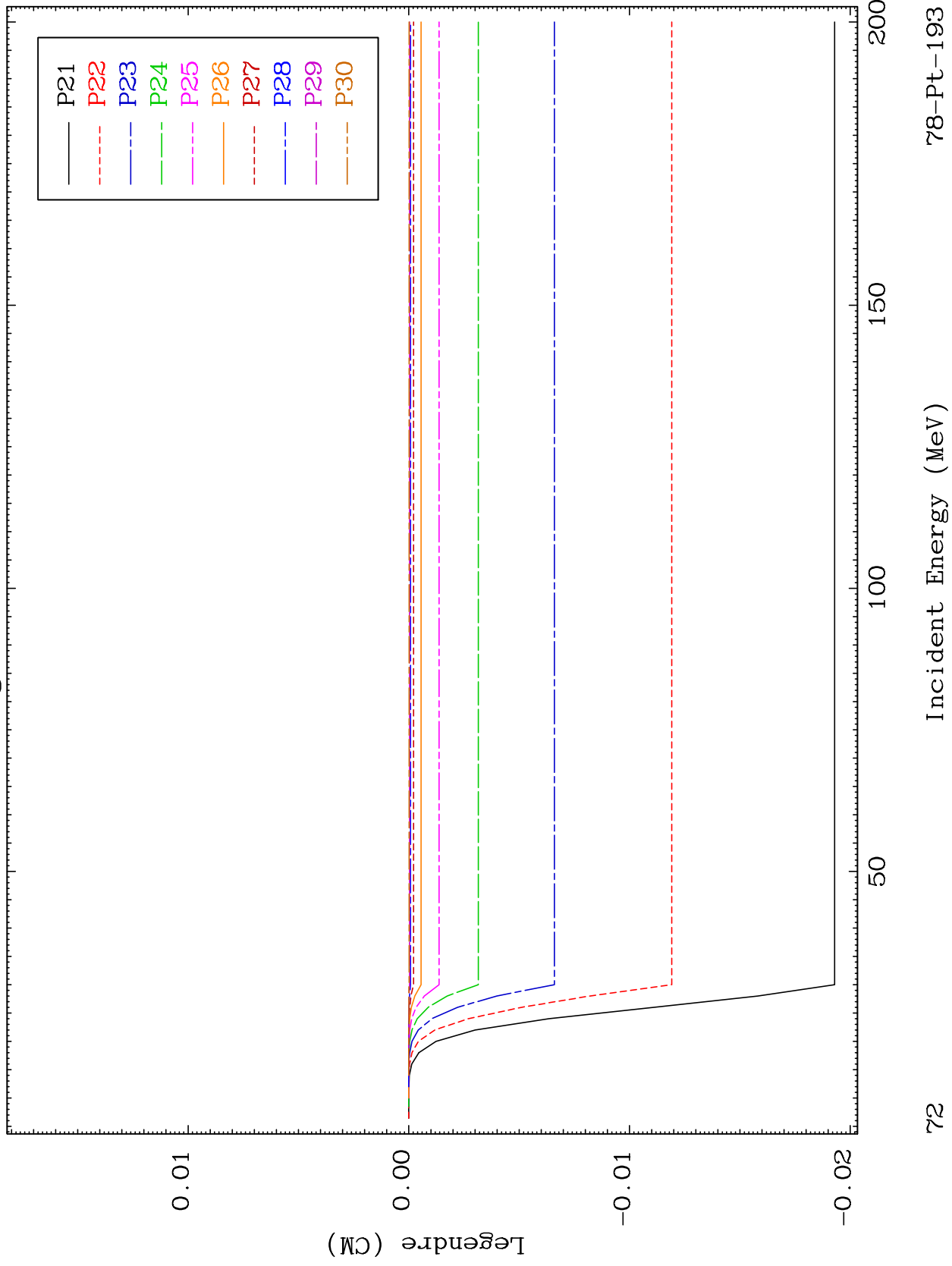
Incident Energy (MeV)

71

MAT 7834

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

78-Pt-193



72

Incident Energy (MeV)

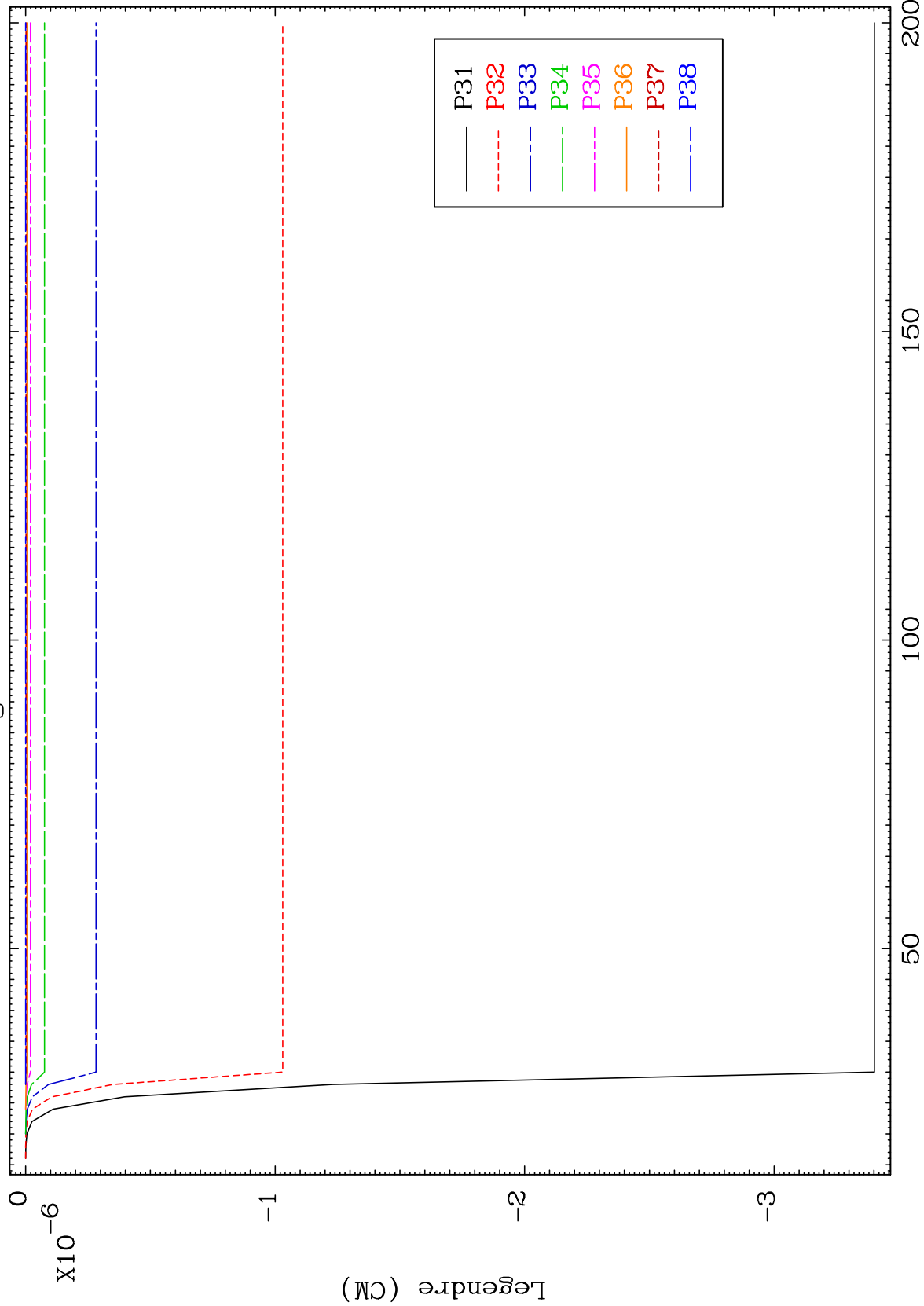
78-Pt-193

MAT 7834

MT= 66 (n,n') Level

78-Pt-193

Legendre Coefficients



73

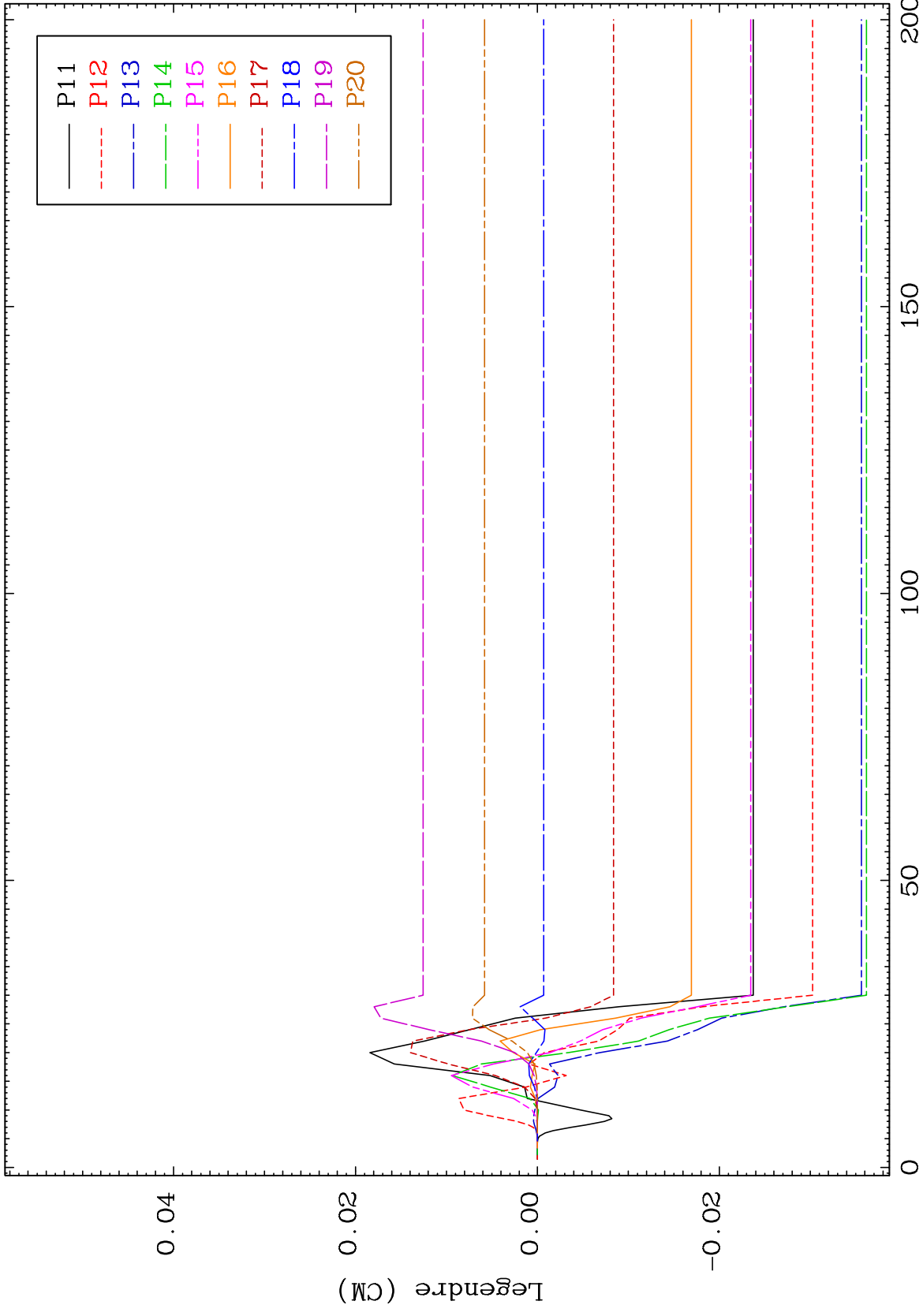
Incident Energy (MeV)

78-Pt-193

MAT 7834

MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-193



75

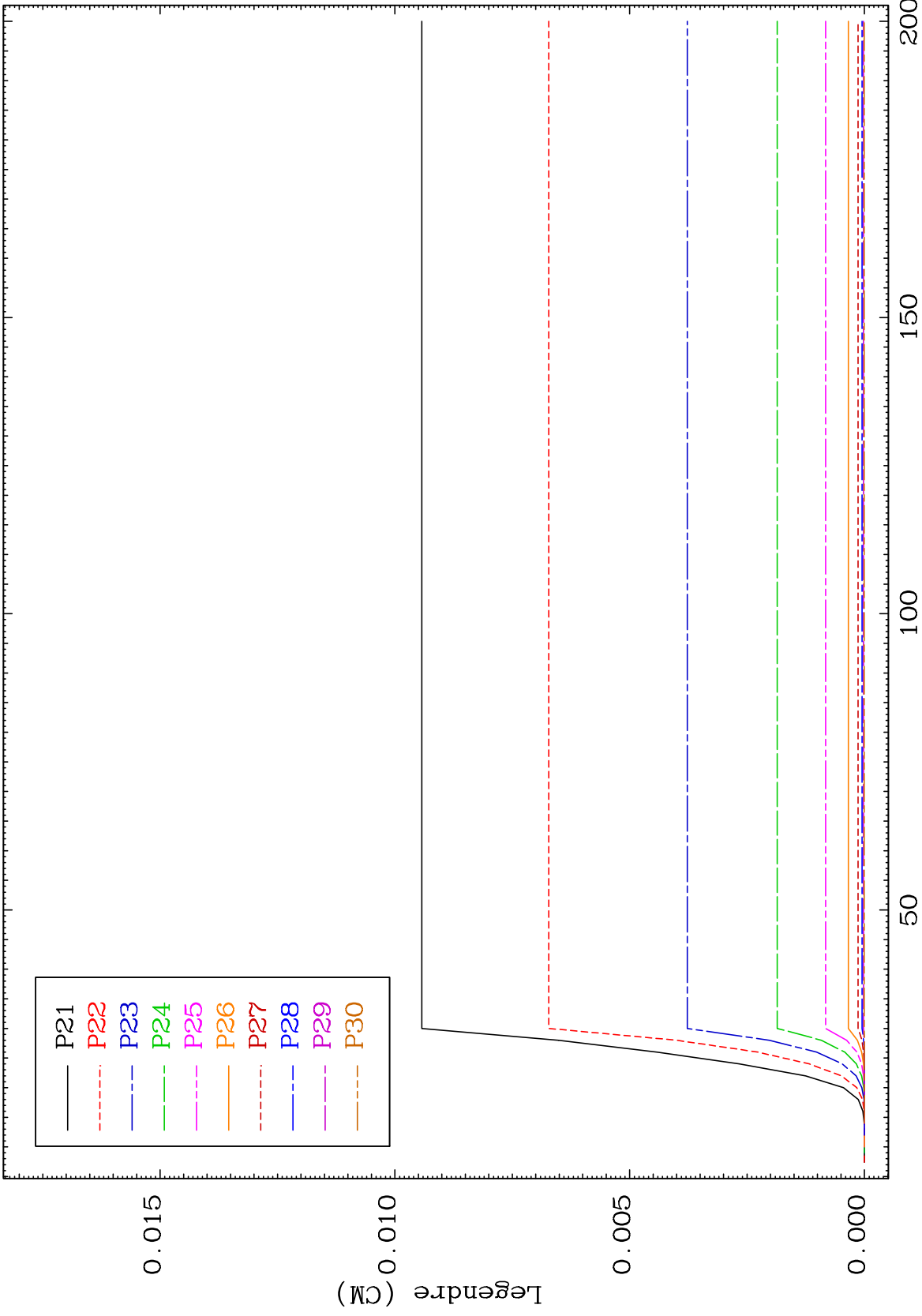
Incident Energy (MeV)

78-Pt-193

MAT 7834

MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-193



76

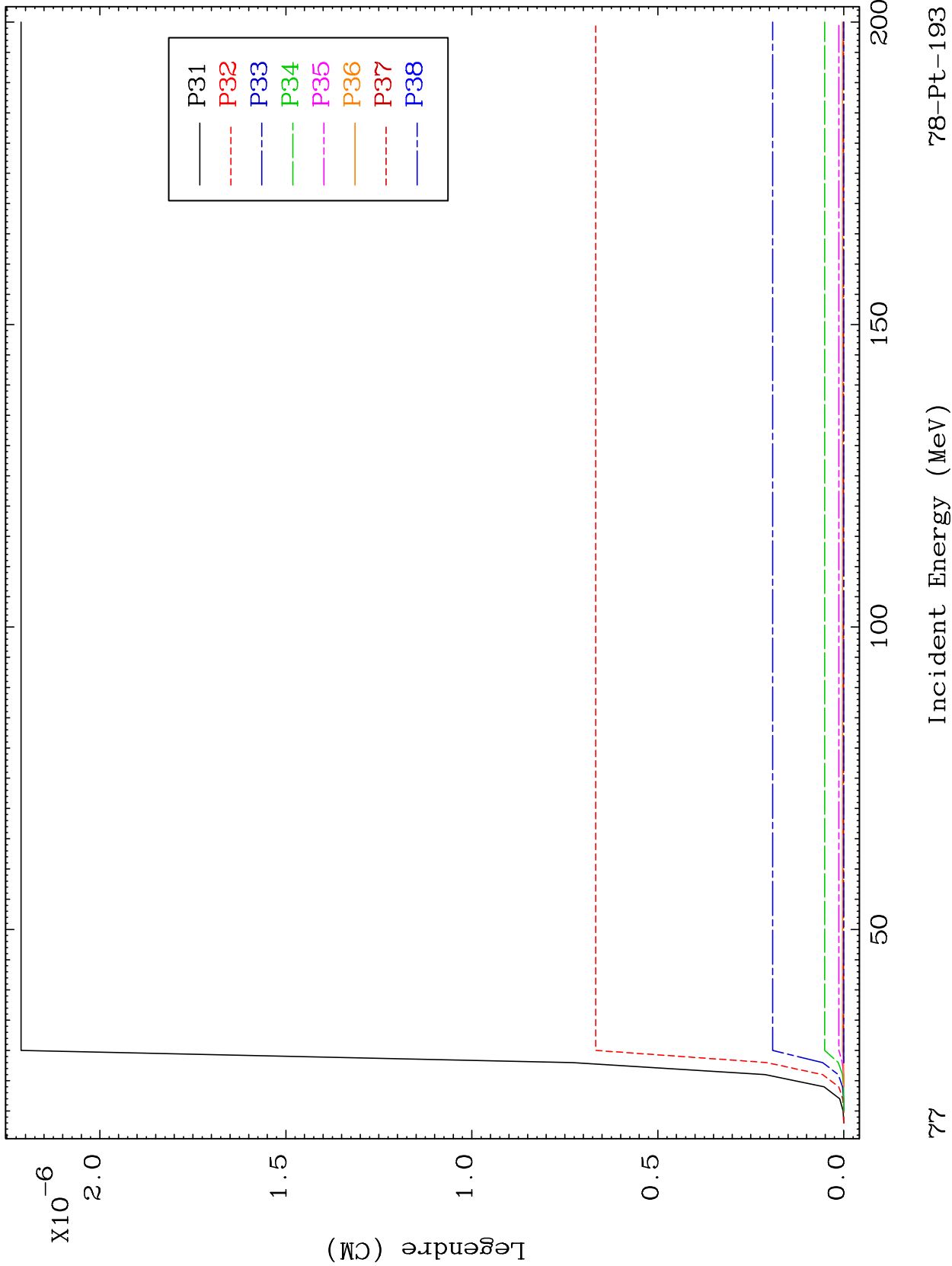
Incident Energy (MeV)

78-Pt-193

MAT 7834

MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-193



77

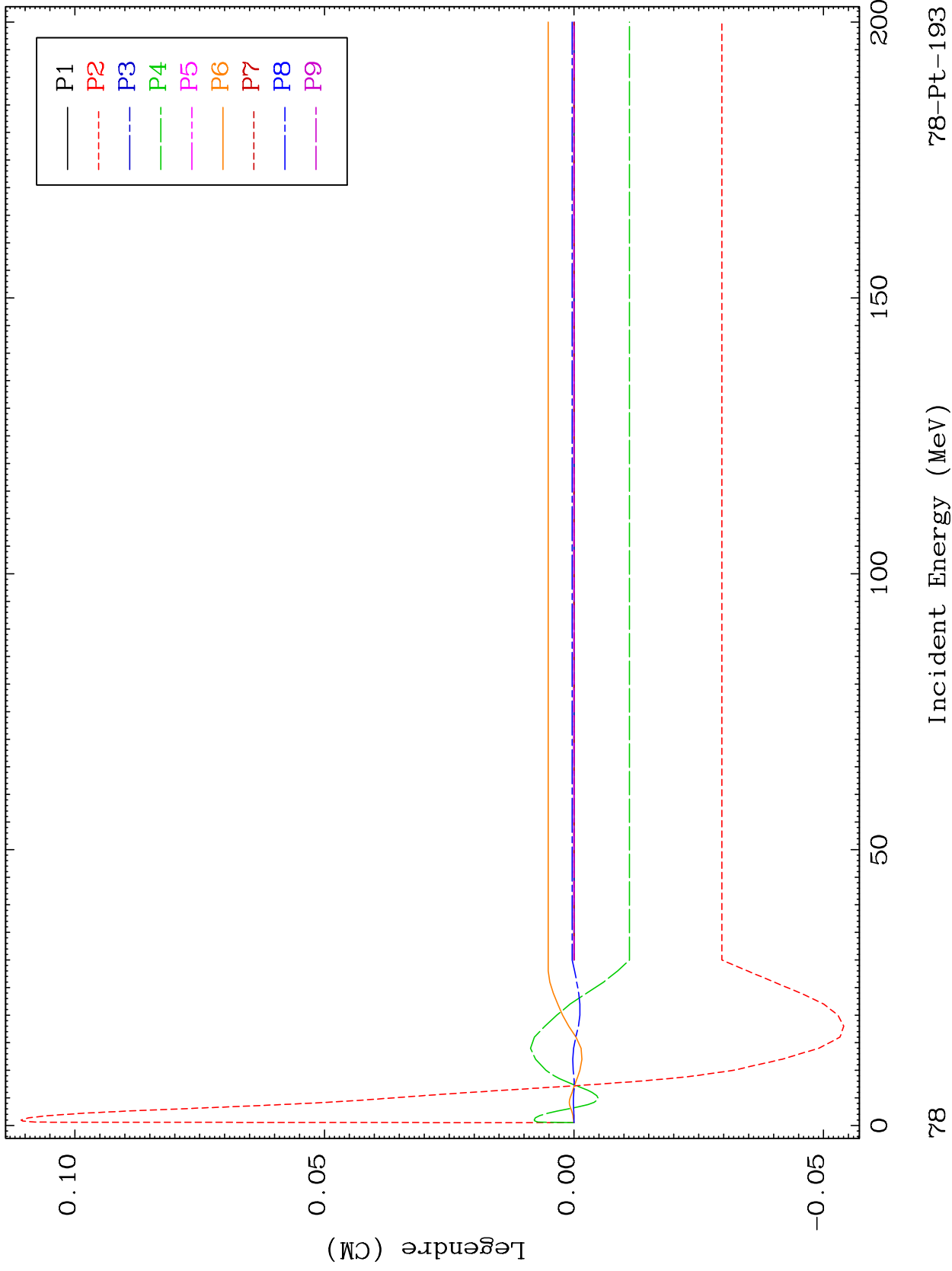
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

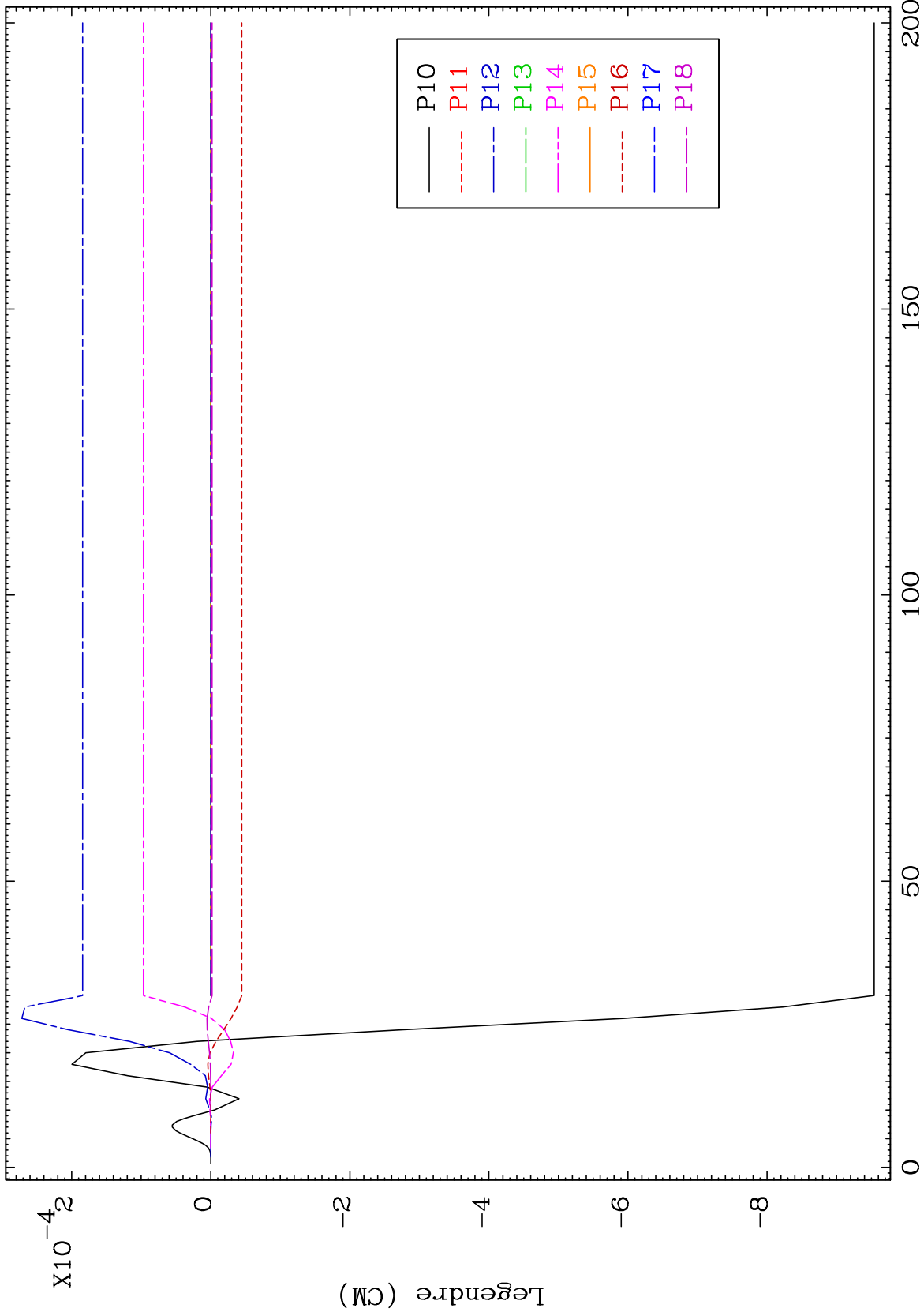
Incident Energy (MeV)

78

MAT 7834

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

78-Pt-193



79

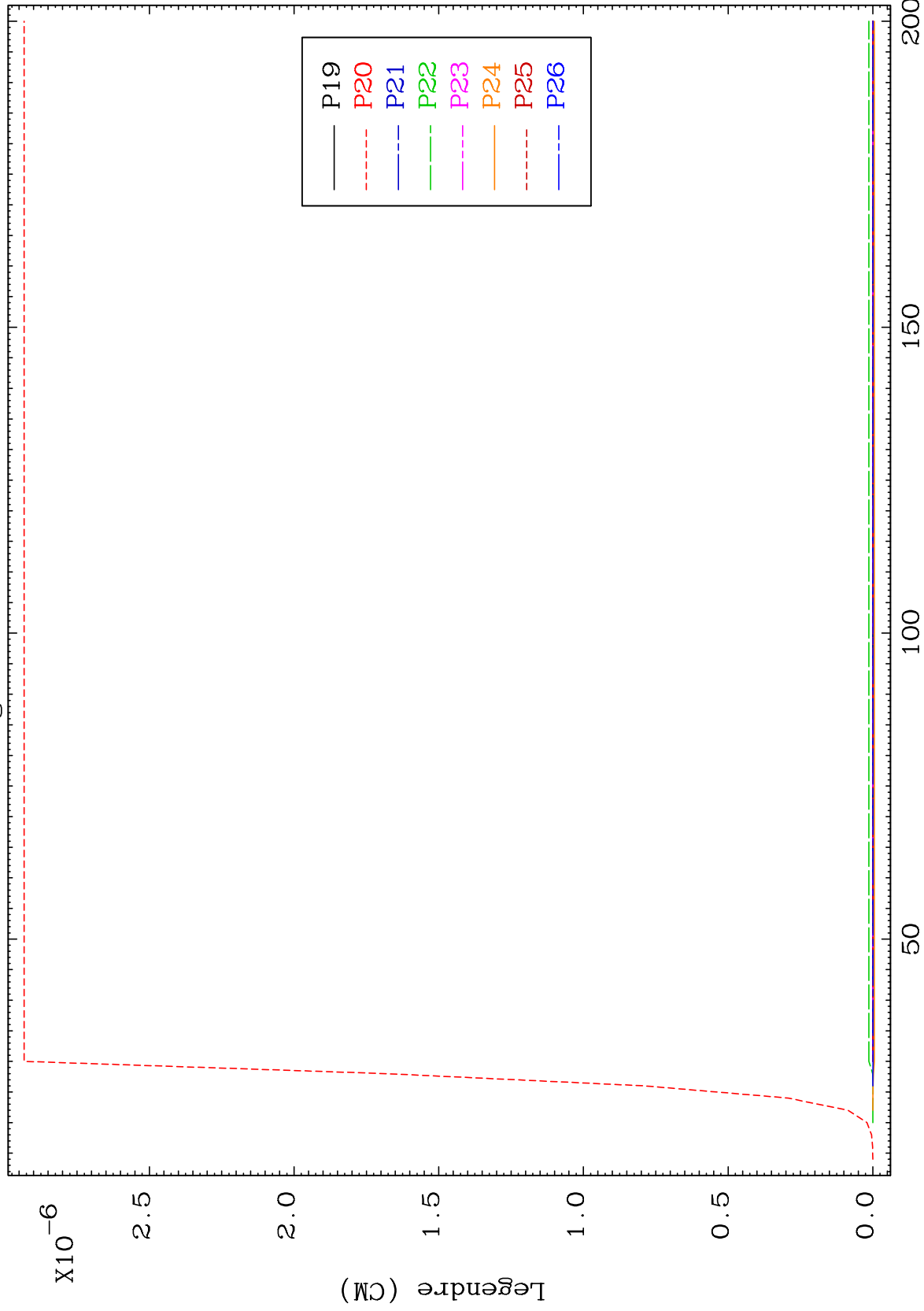
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

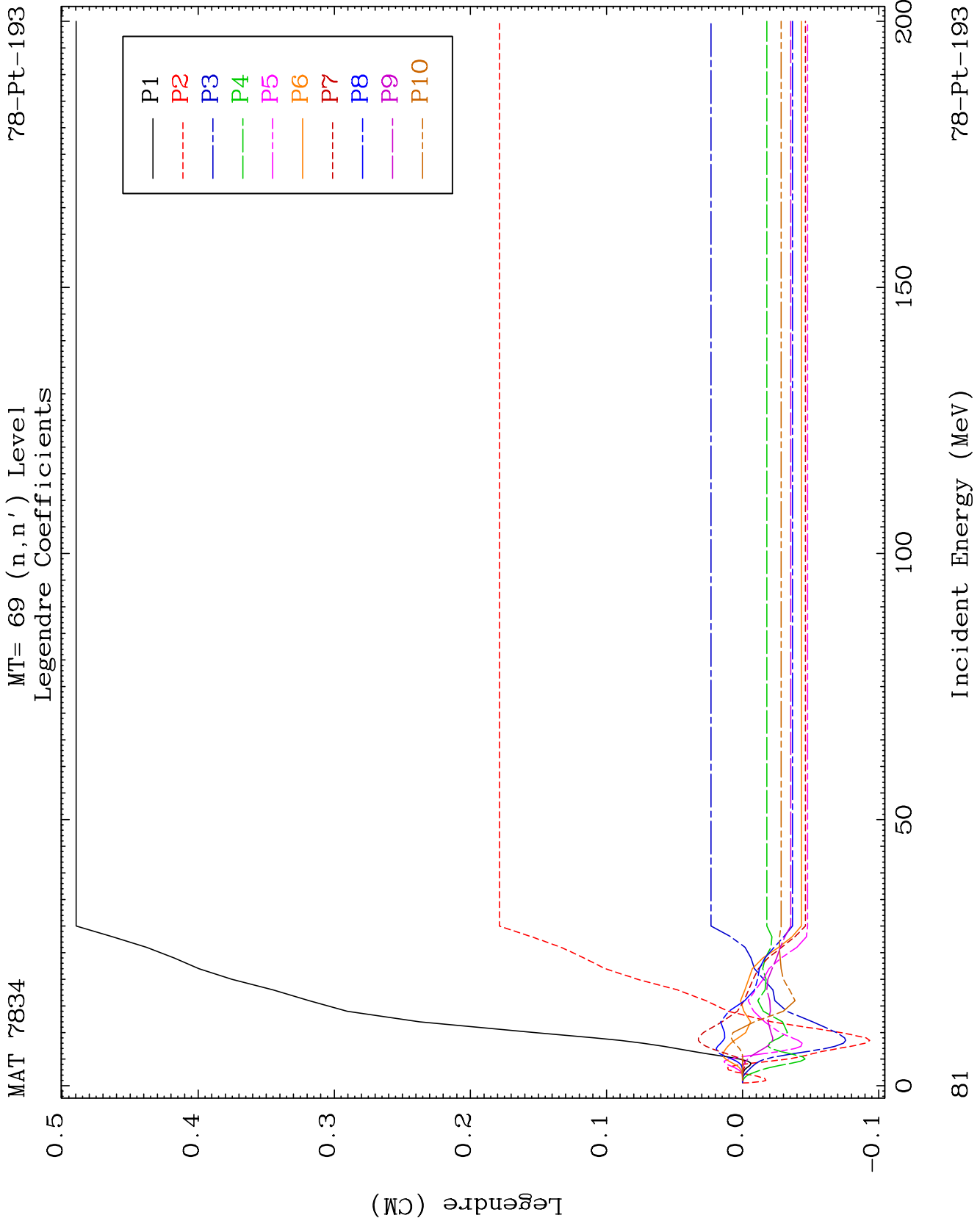
78-Pt-193



80

Incident Energy (MeV)

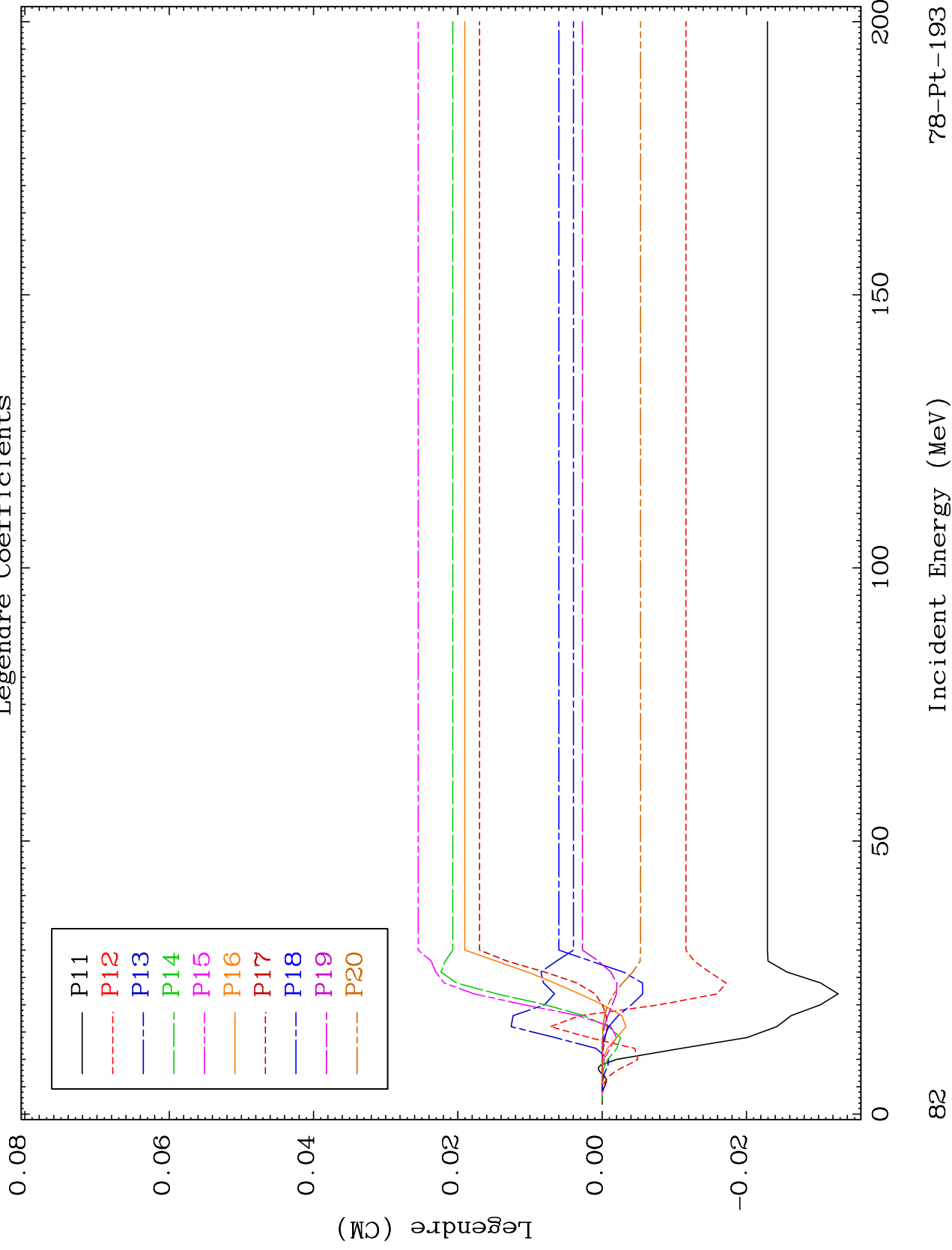
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

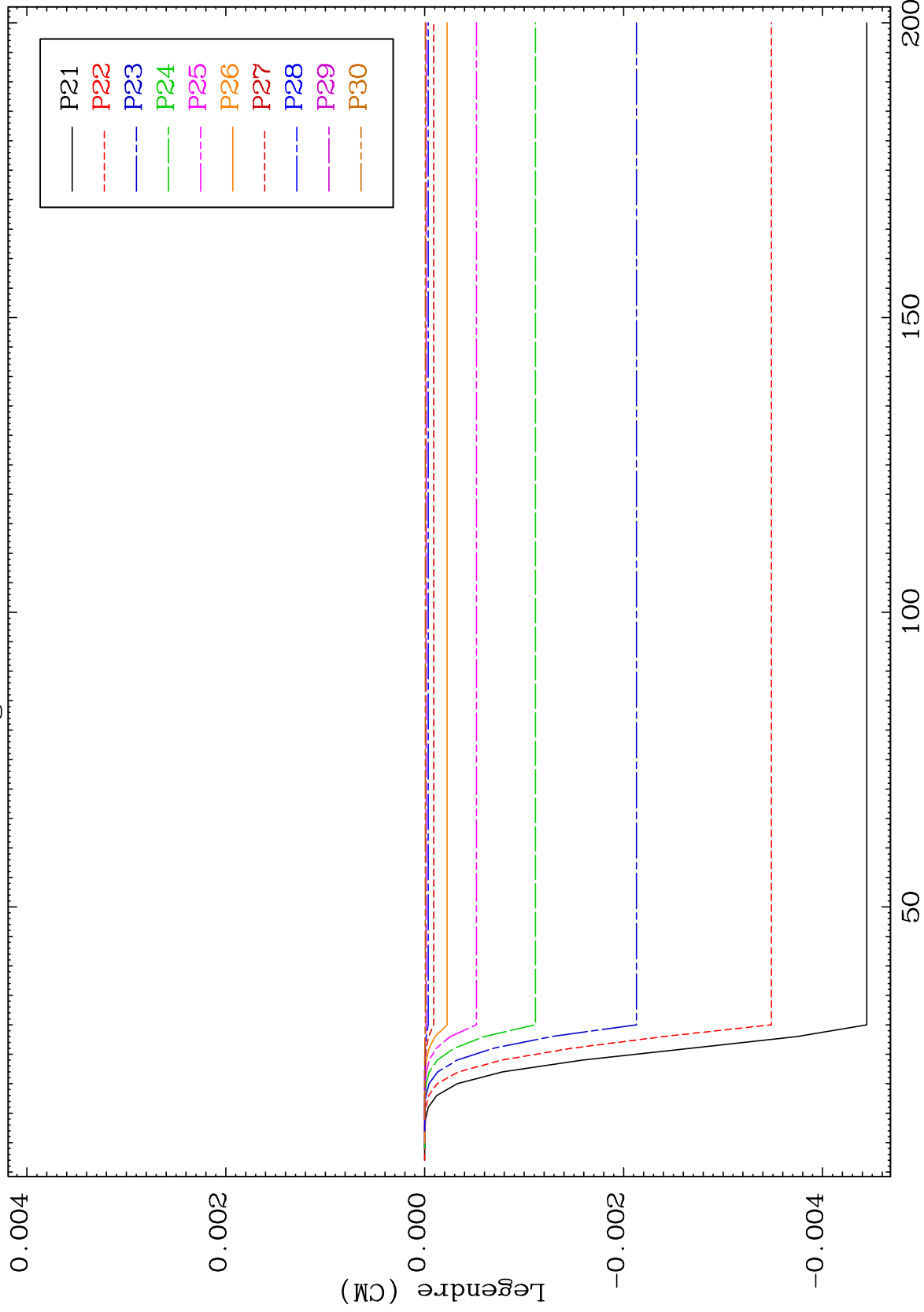
Incident Energy (MeV)

82

MAT 7834

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

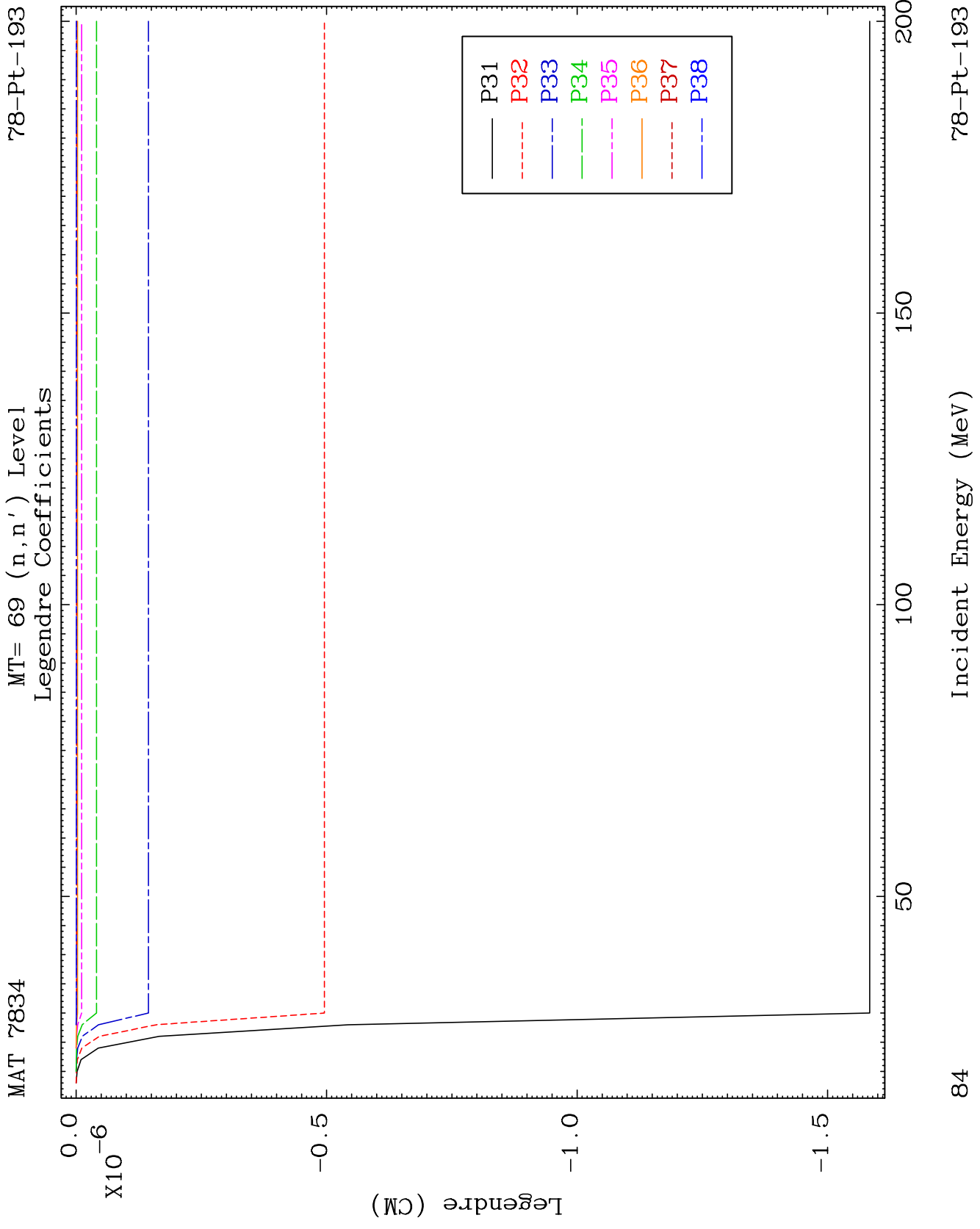
78-Pt-193



83

Incident Energy (MeV)

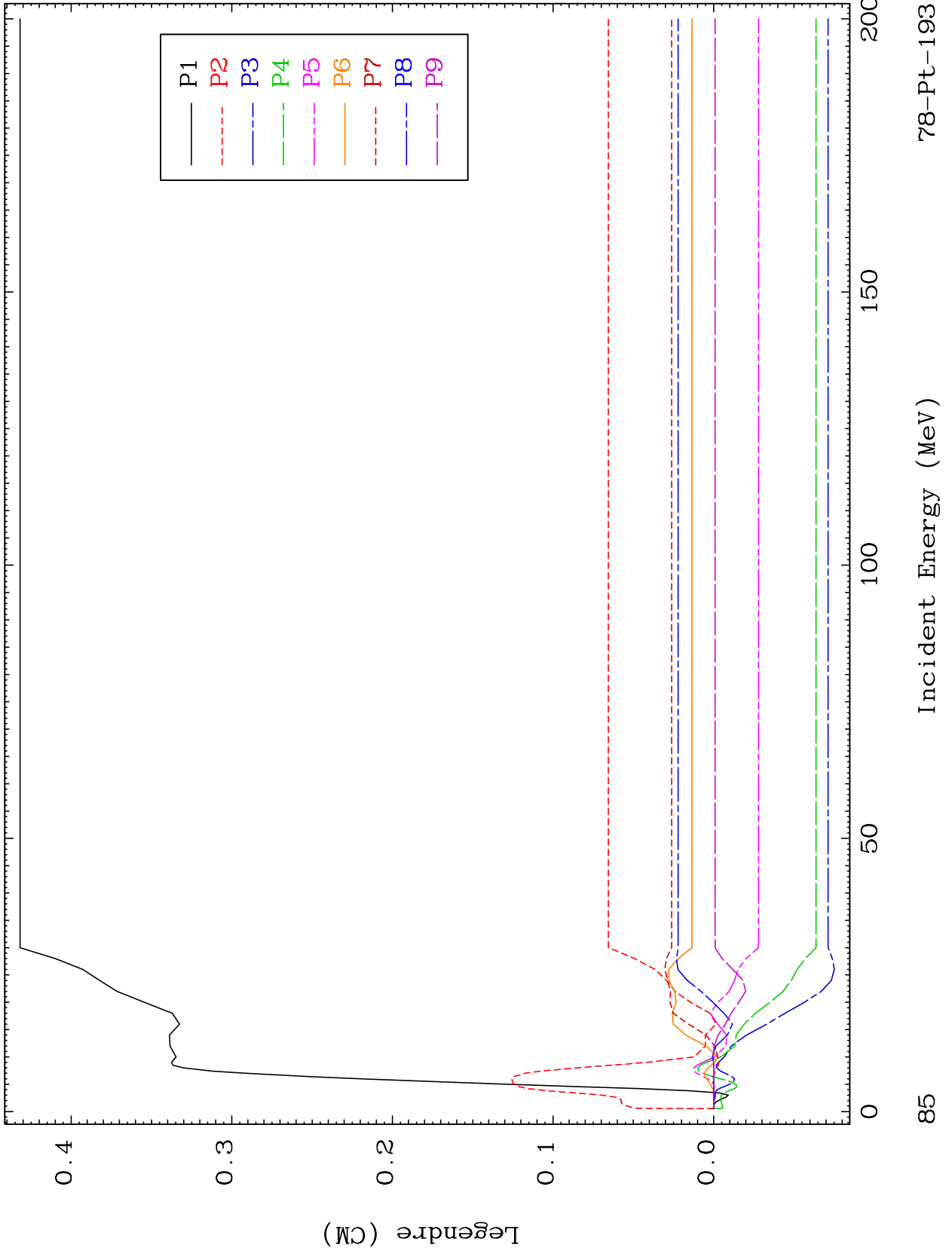
78-Pt-193



MAT 7834

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

78-Pt-193



78-Pt-193

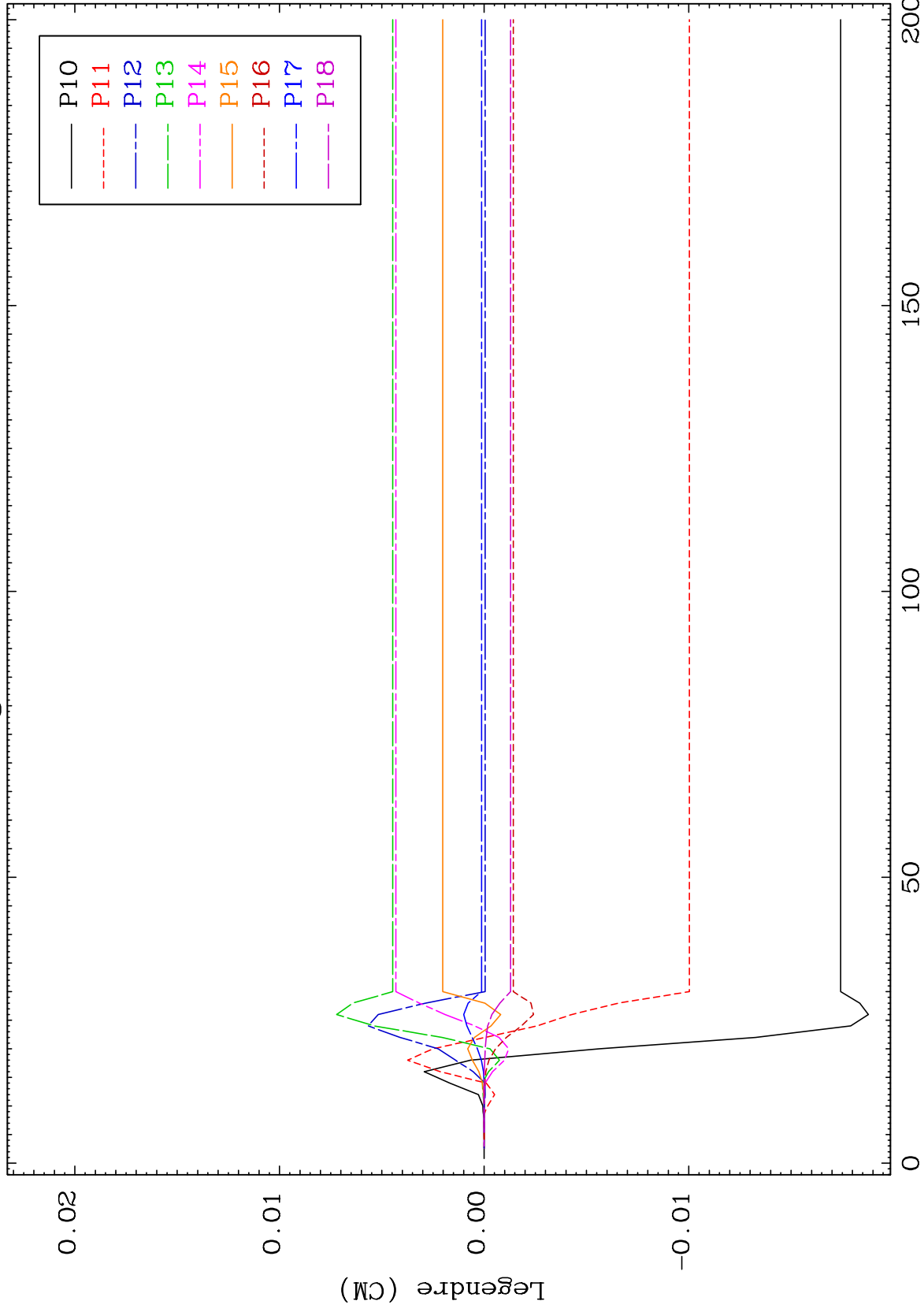
Incident Energy (MeV)

85

MAT 7834

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

78-Pt-193



86

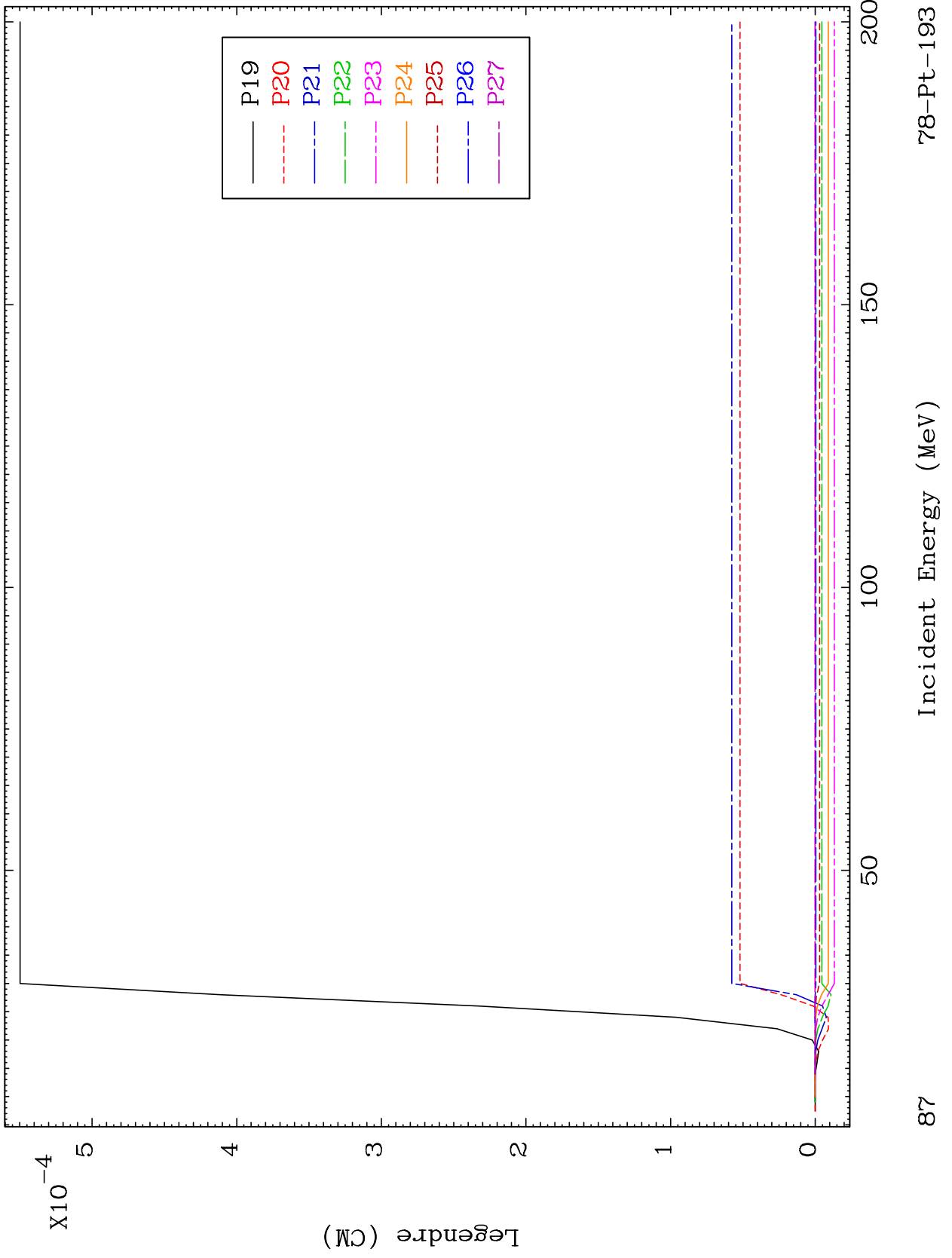
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

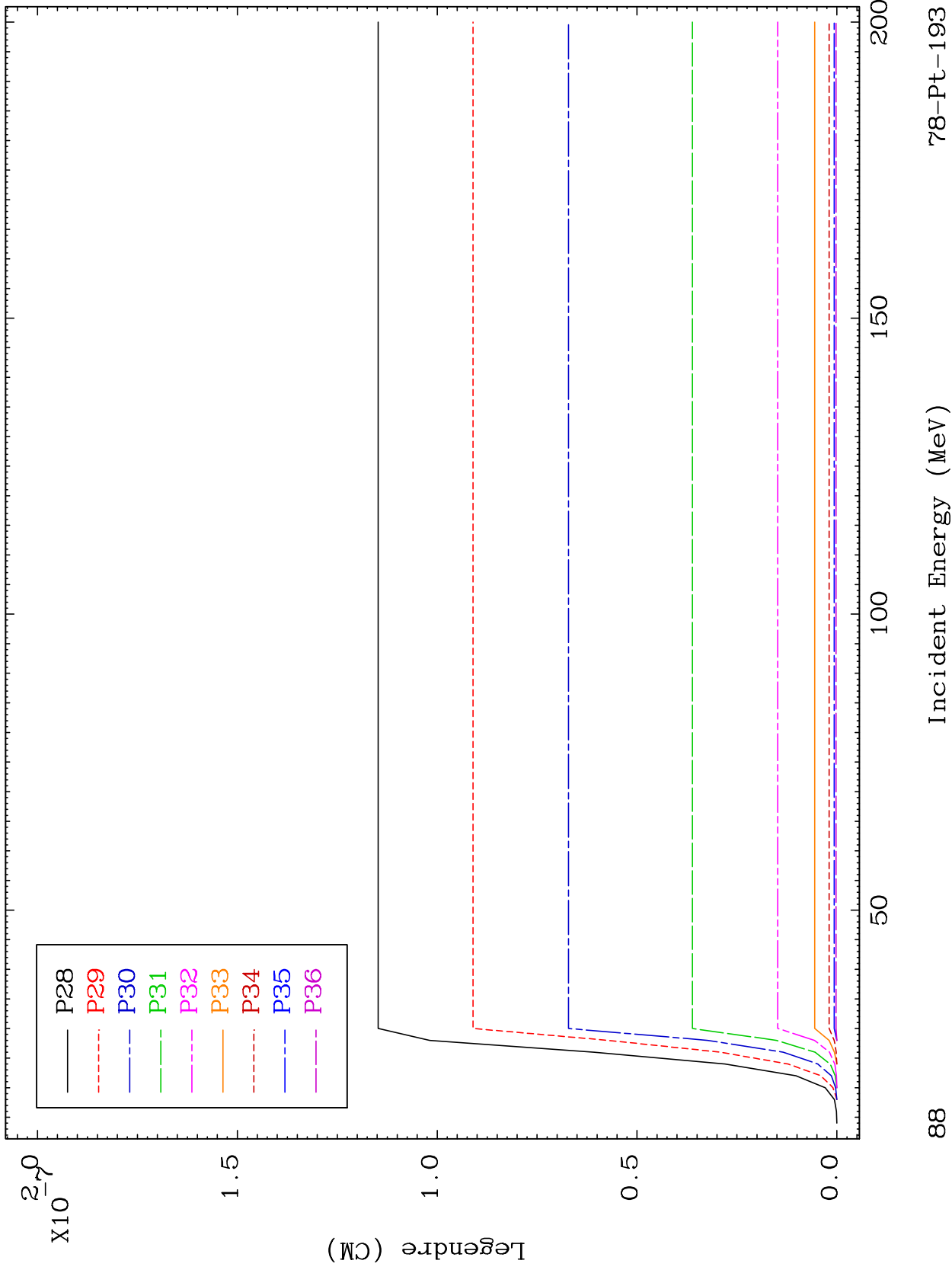
78-Pt-193



MAT 7834

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

78-Pt-193



88

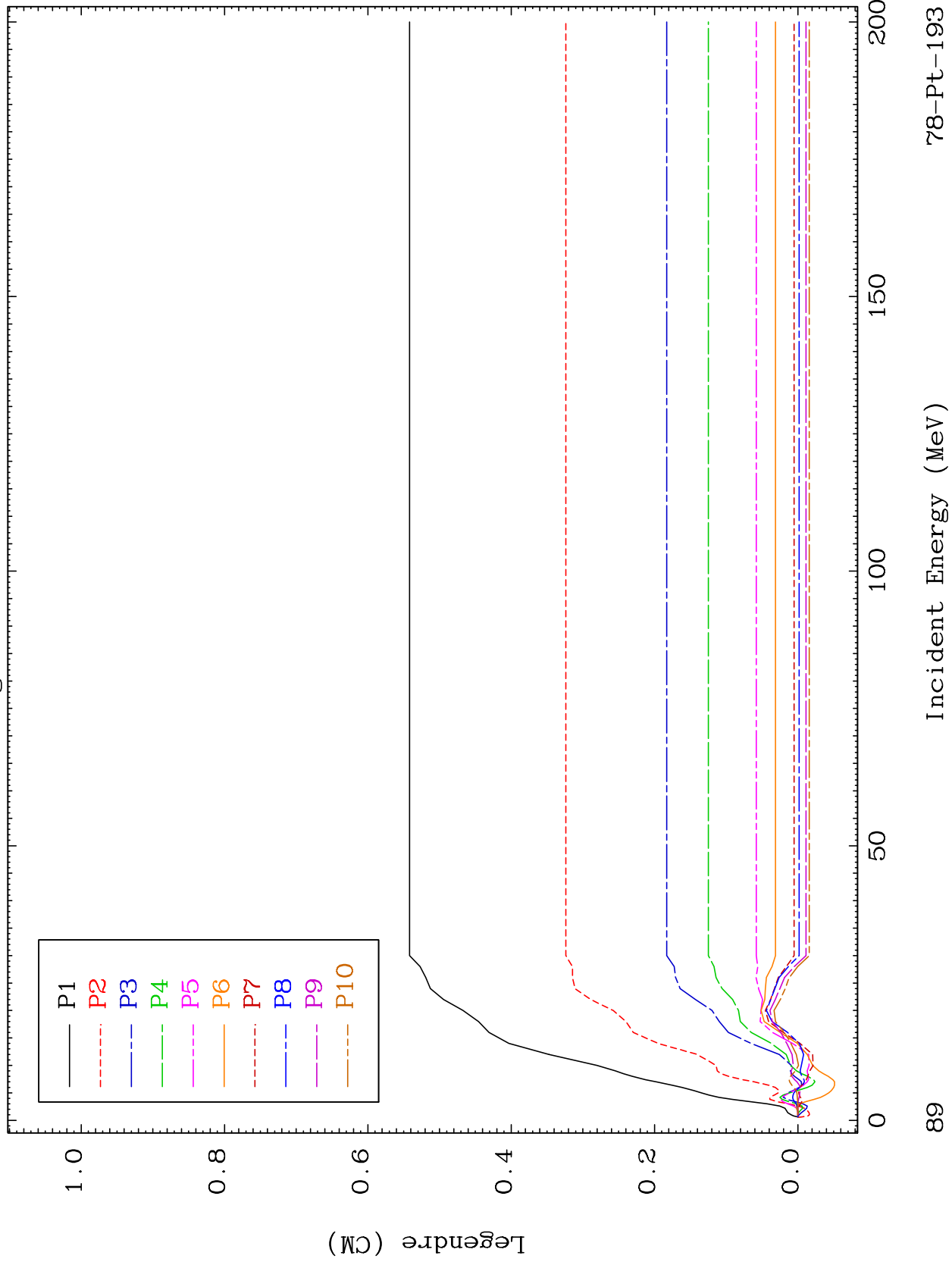
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193

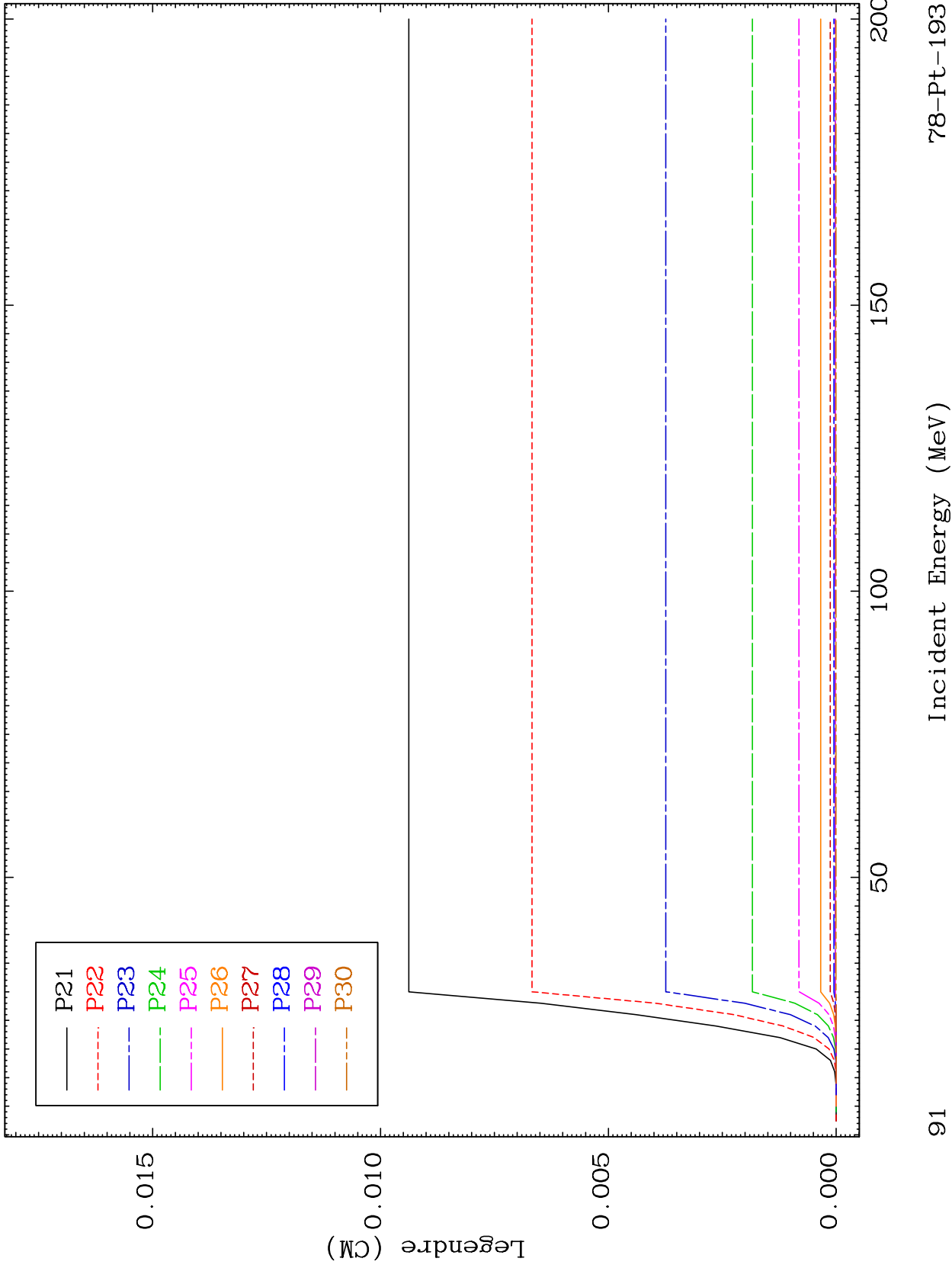


89

MAT 7834

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

78-Pt-193



91

Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193

$\times 10^{-6}$
2.0

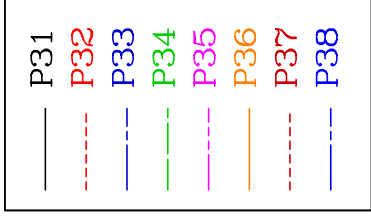
1.5

1.0

0.5

0.0

Legendre (CM)



50

100

150

200

92

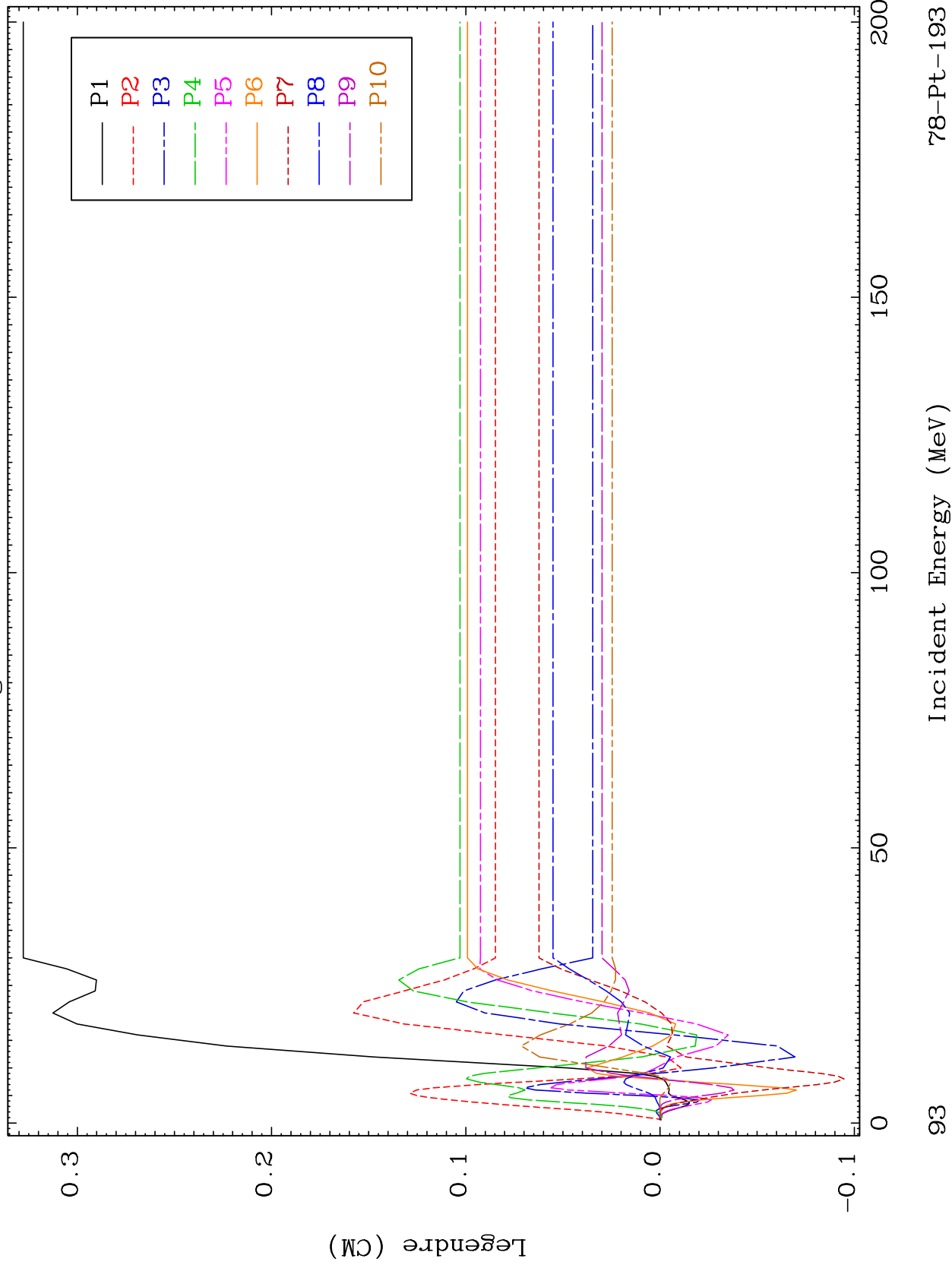
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

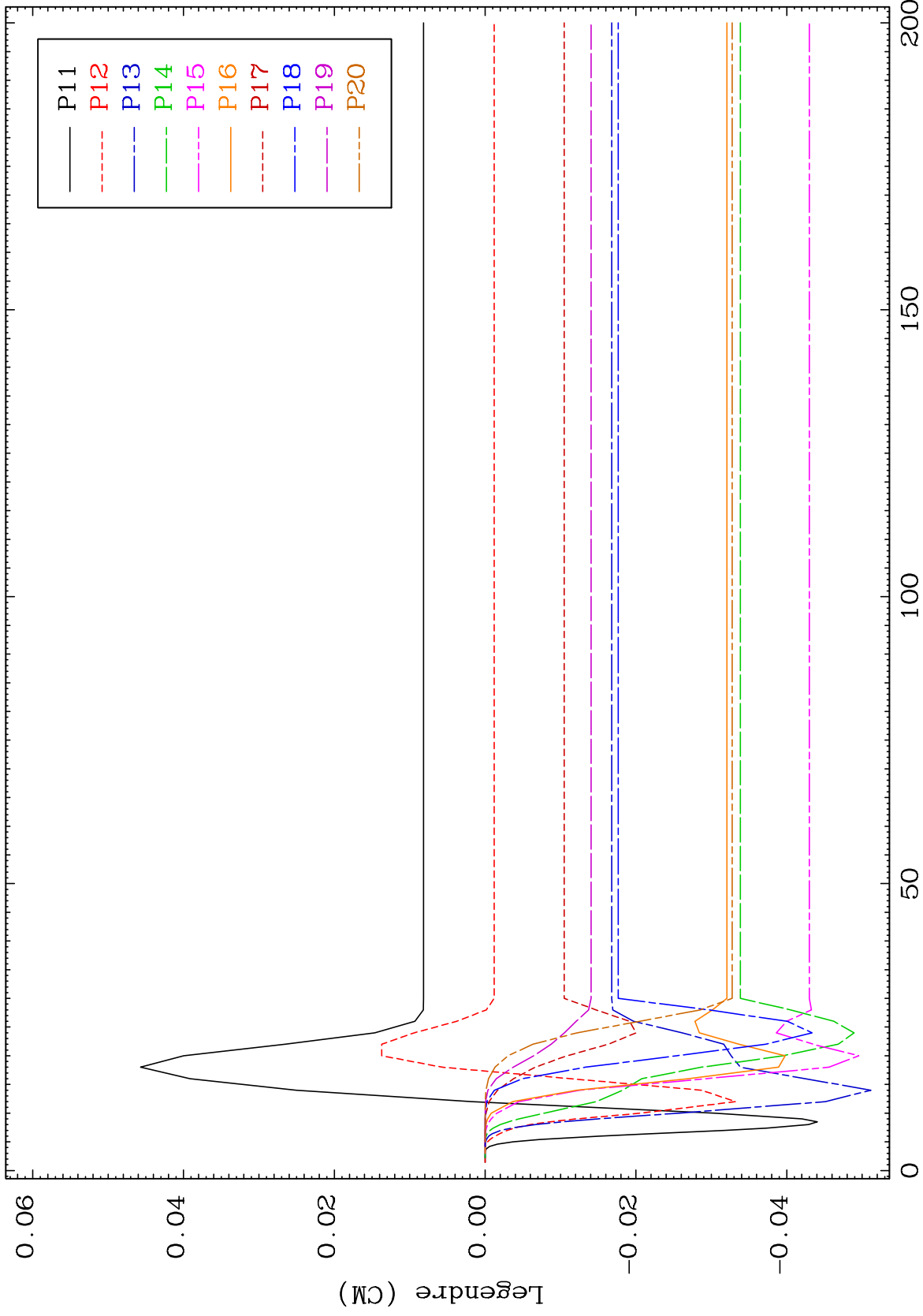
Incident Energy (MeV)

93

MAT 7834

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

78-Pt-193



94

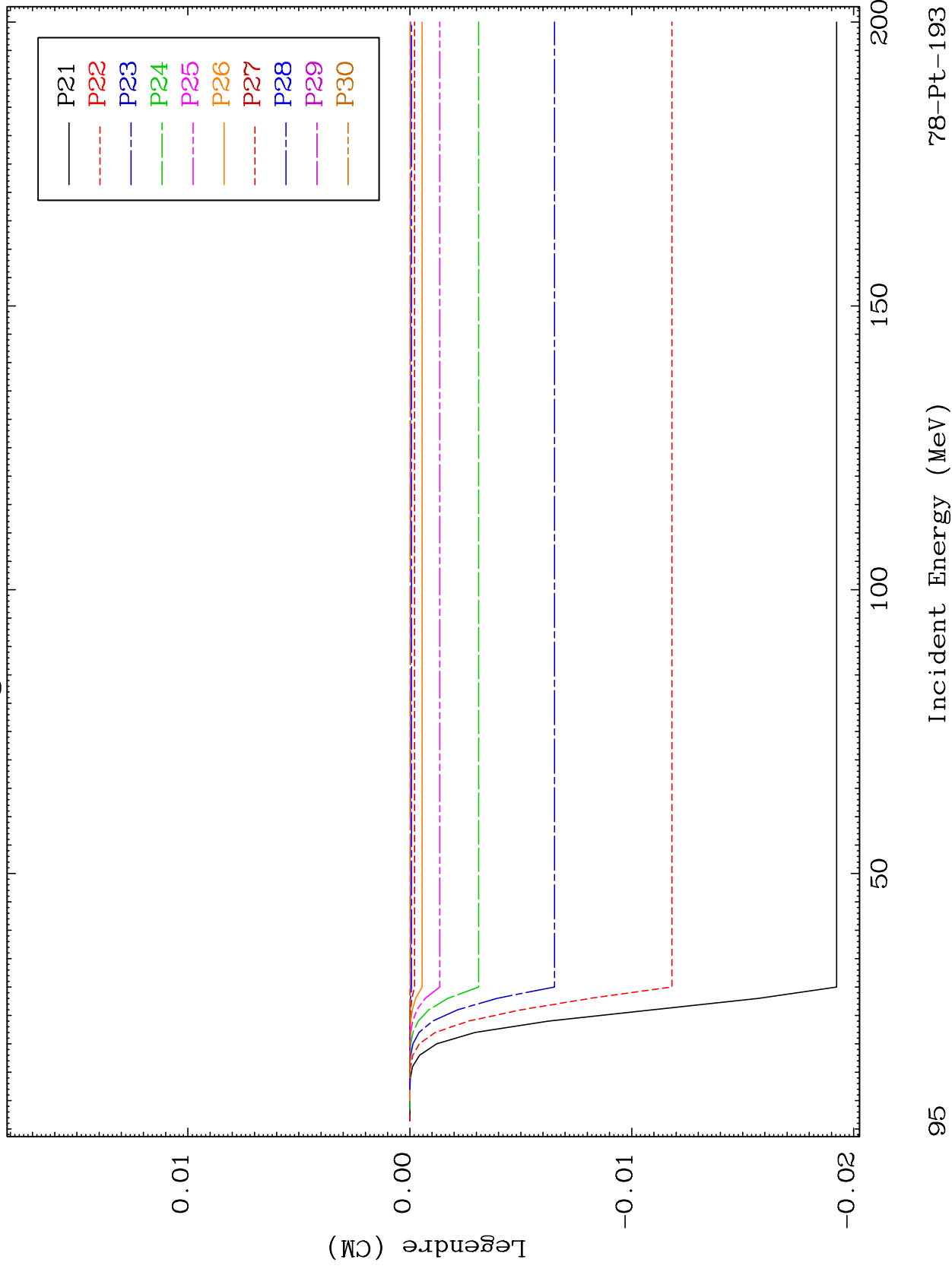
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



95

Incident Energy (MeV)

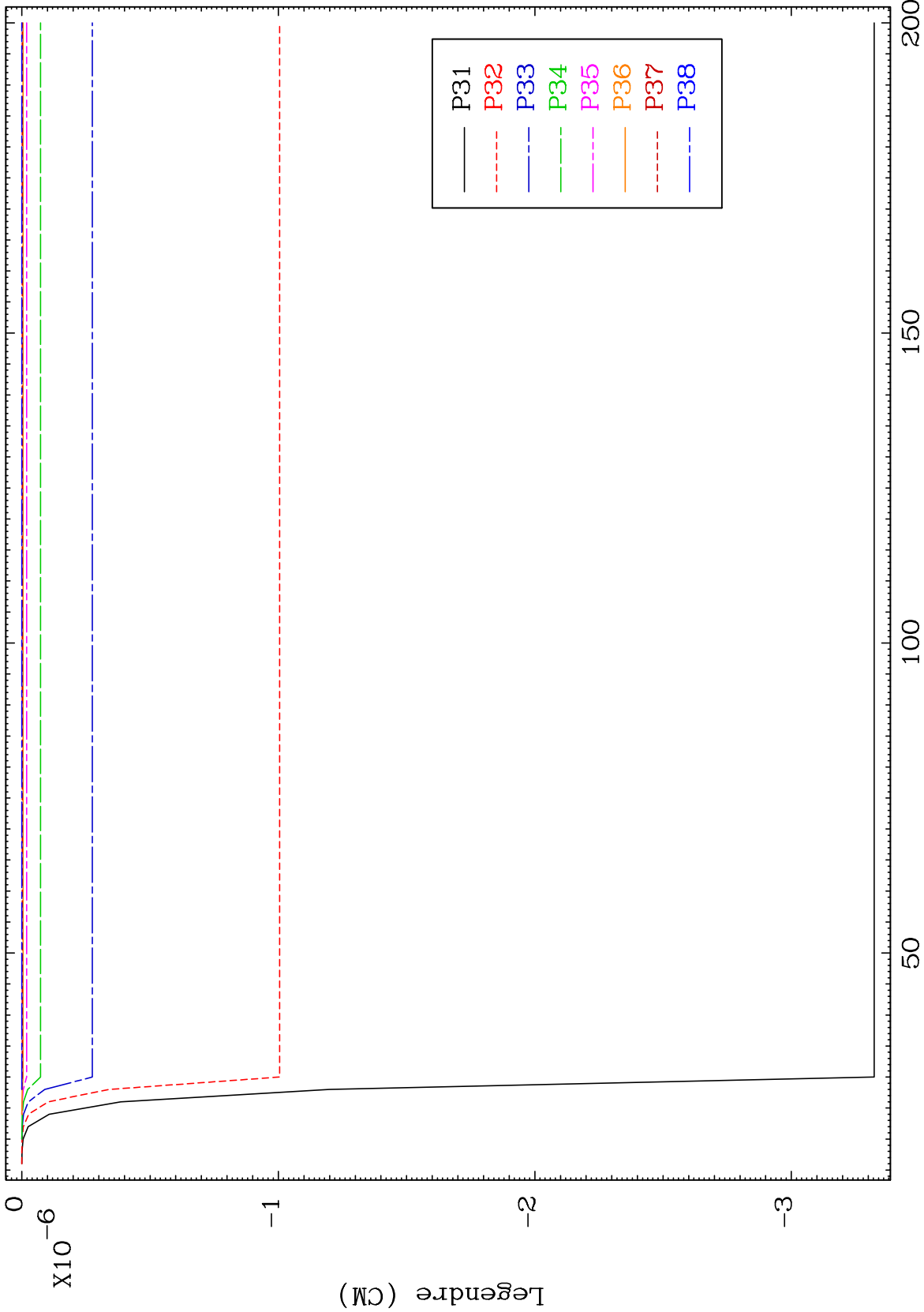
78-Pt-193

MAT 7834

MT= 72 (n,n') Level

78-Pt-193

Legendre Coefficients



96

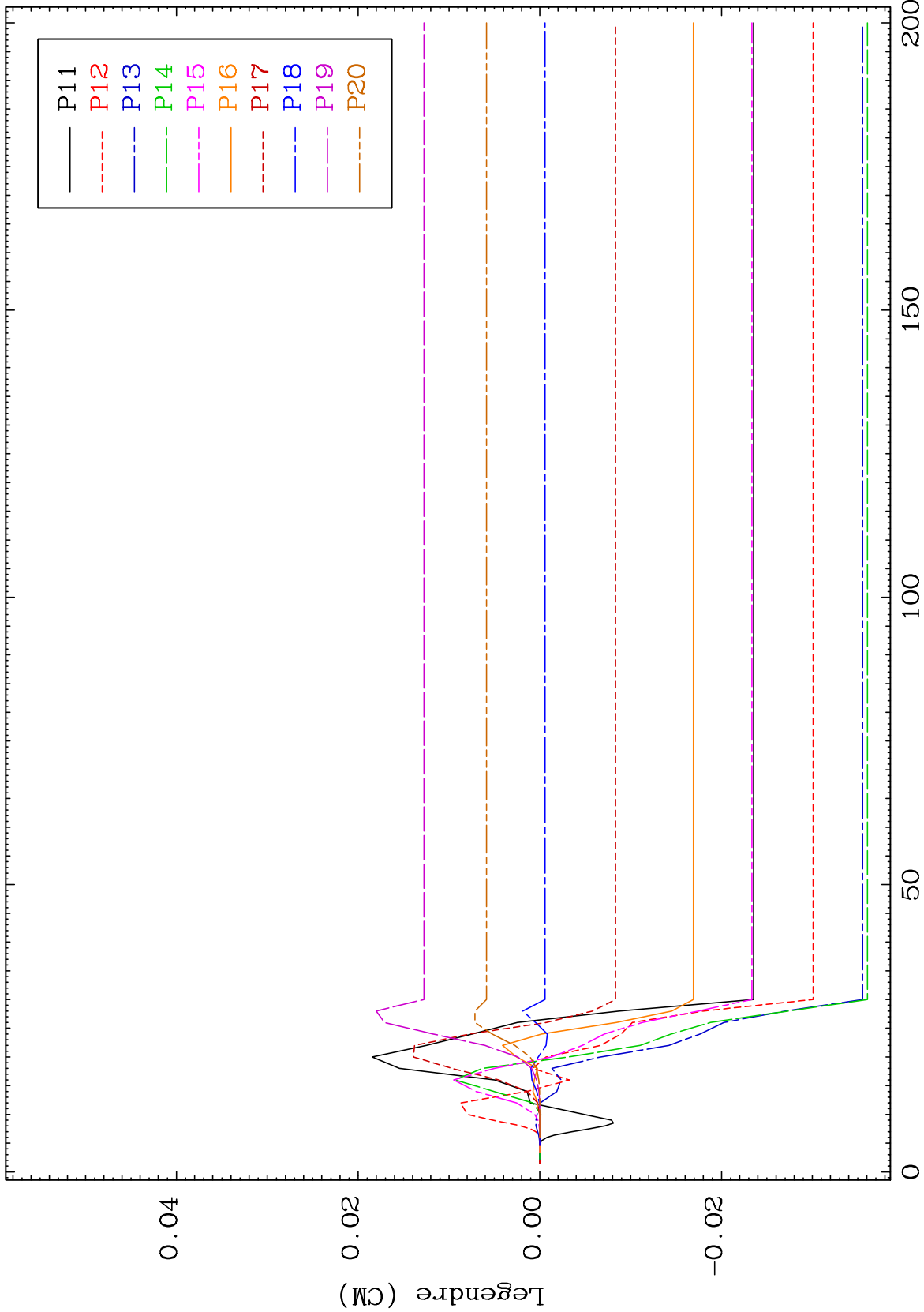
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



98

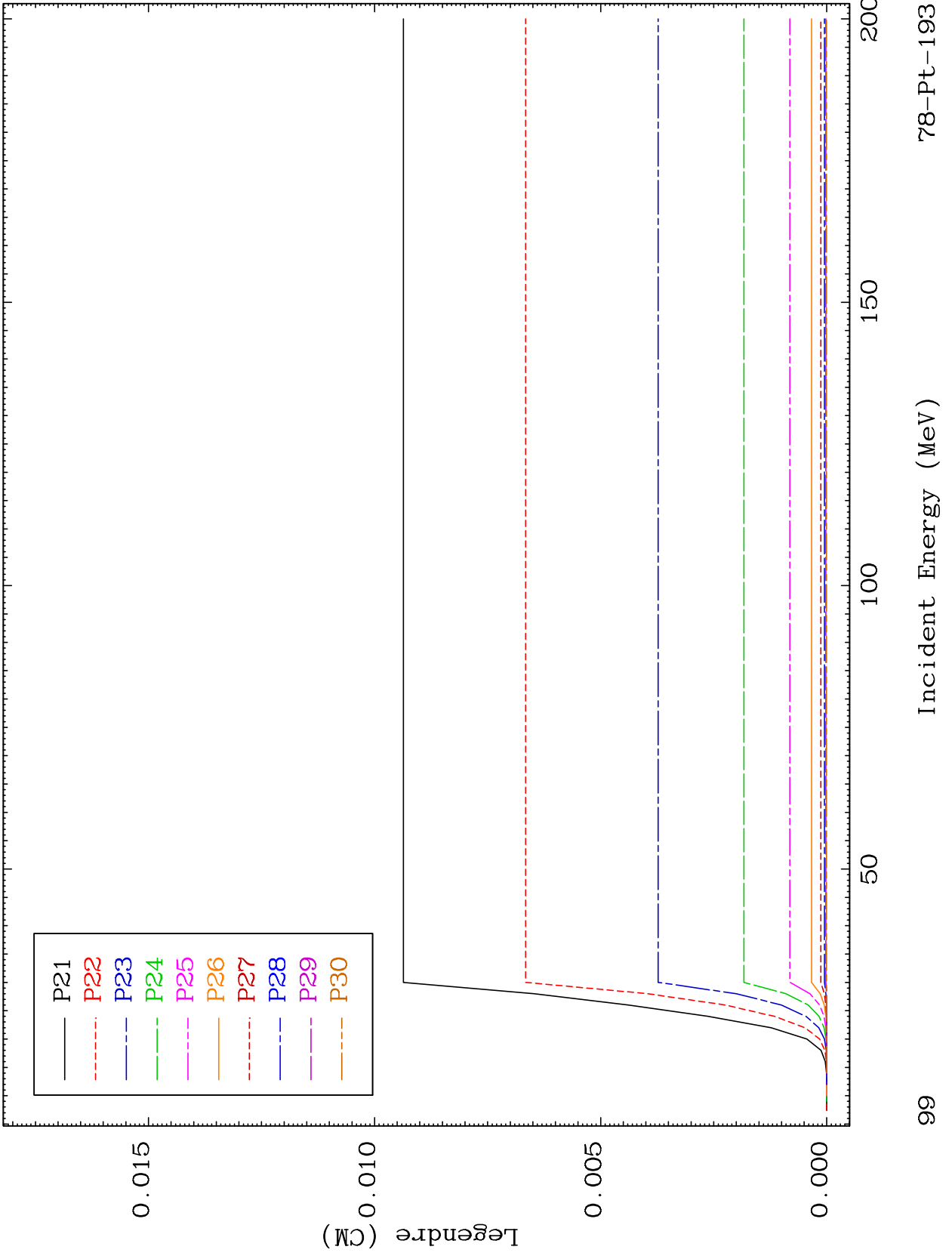
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



99

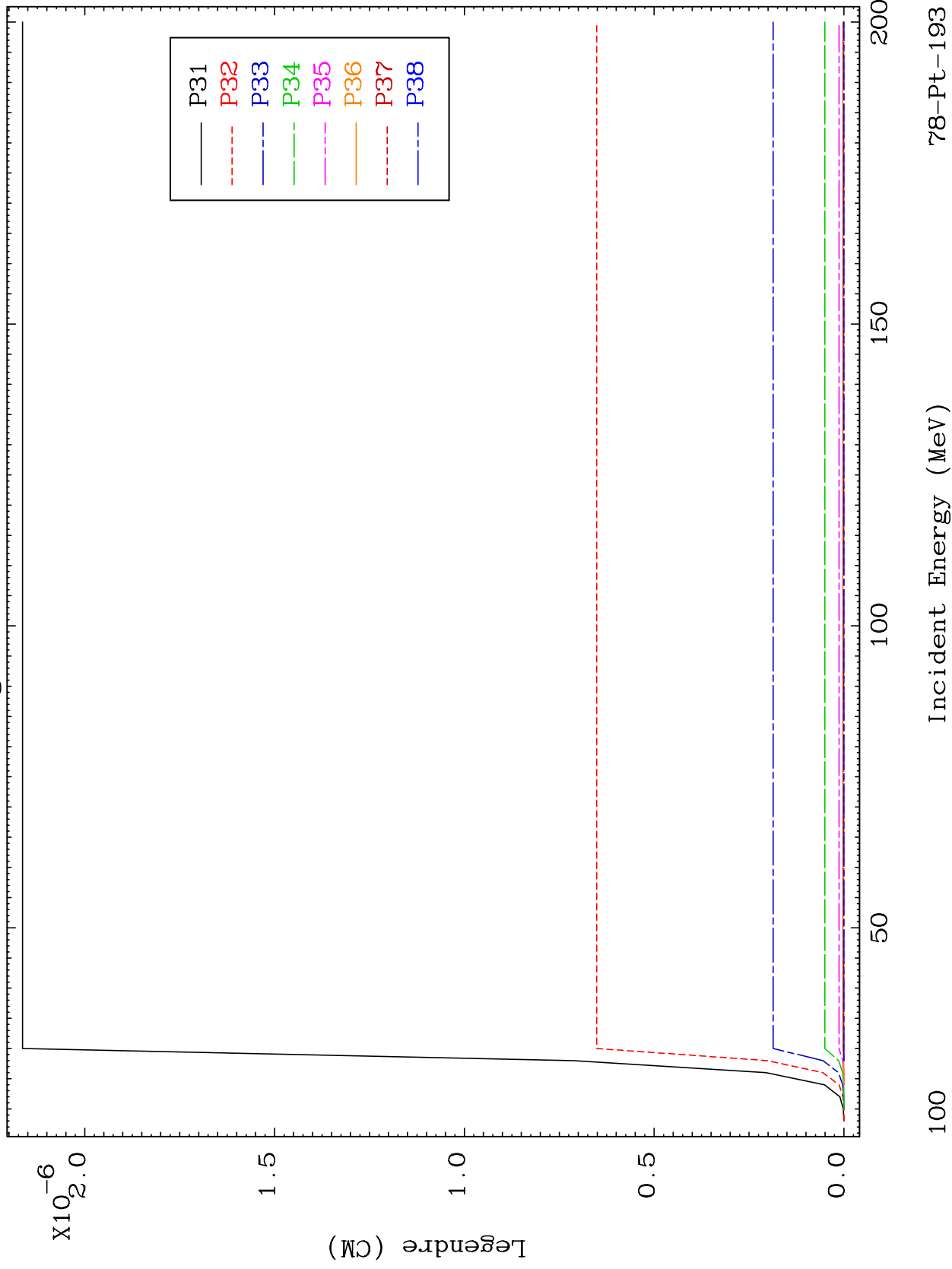
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193

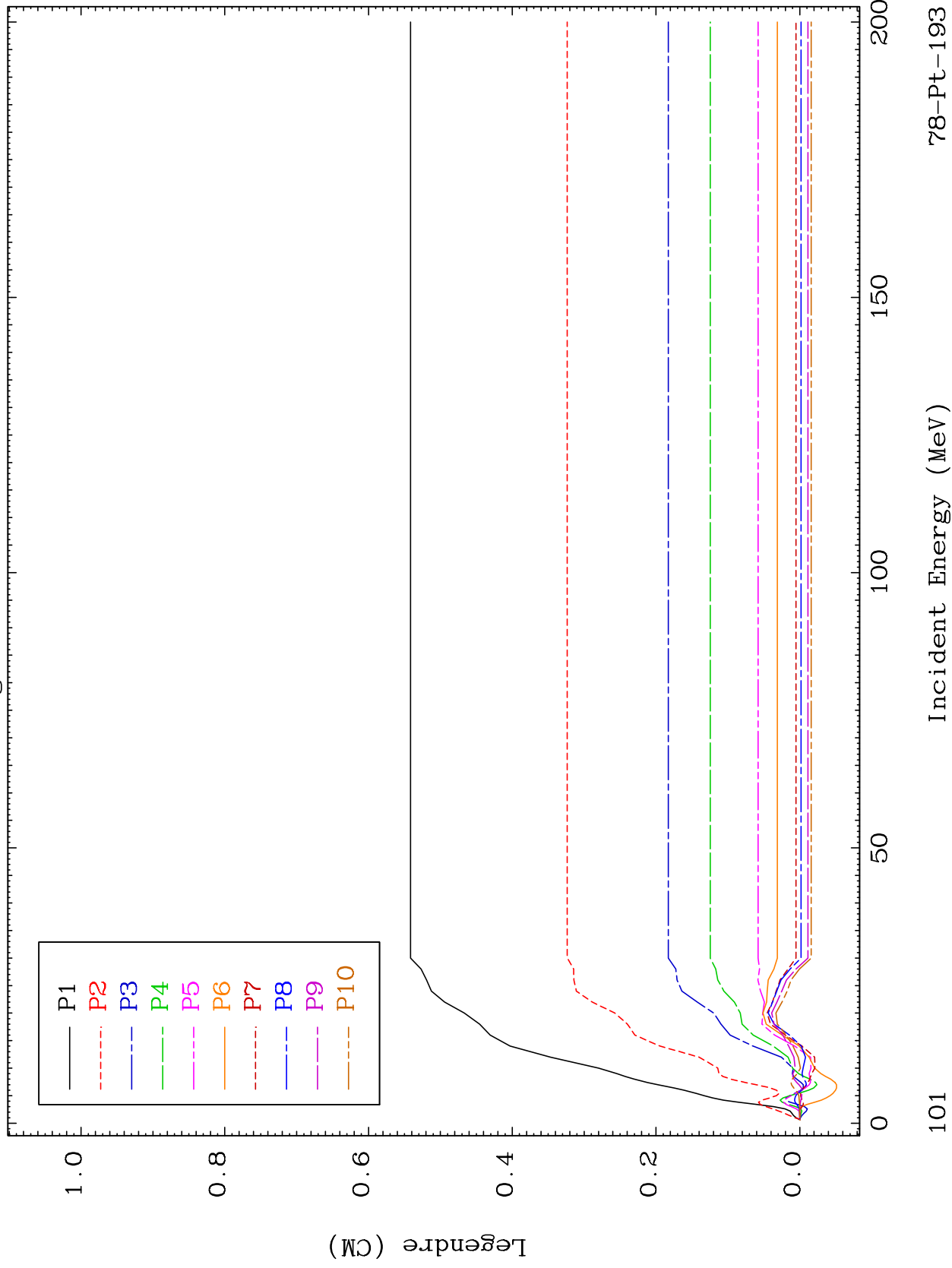


78-Pt-193

MAT 7834

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

78-Pt-193

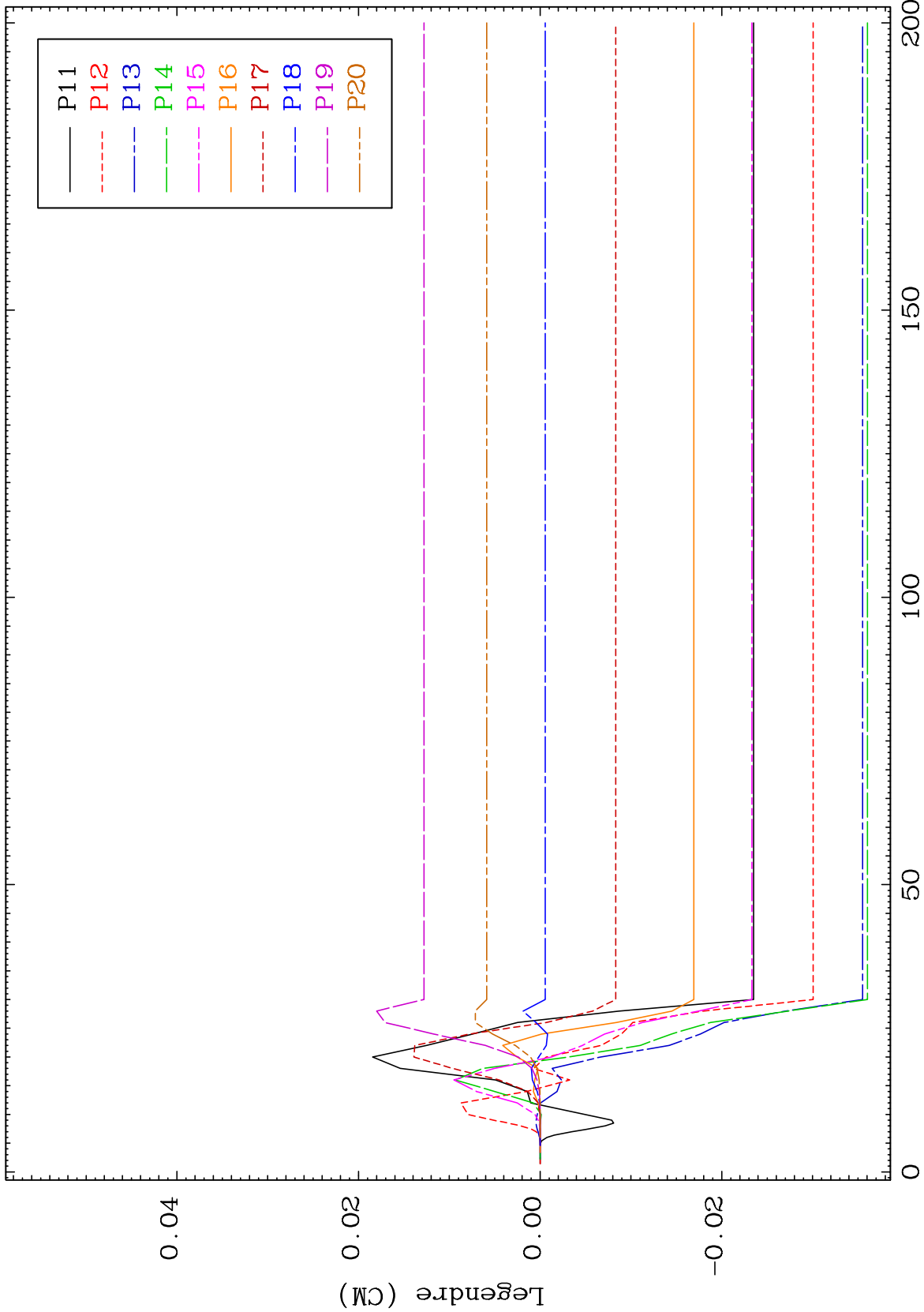


101

MAT 7834

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

78-Pt-193



102

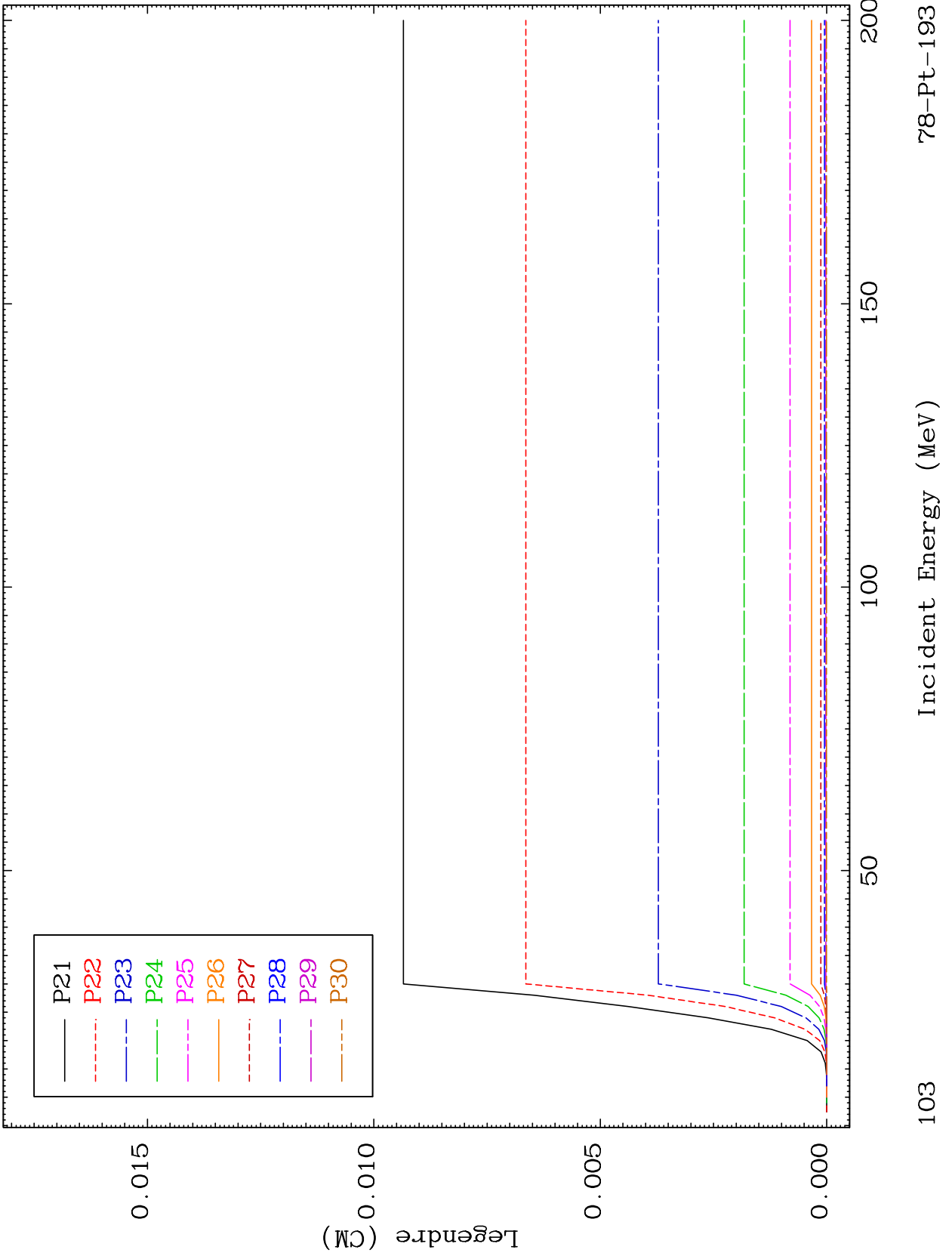
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



103

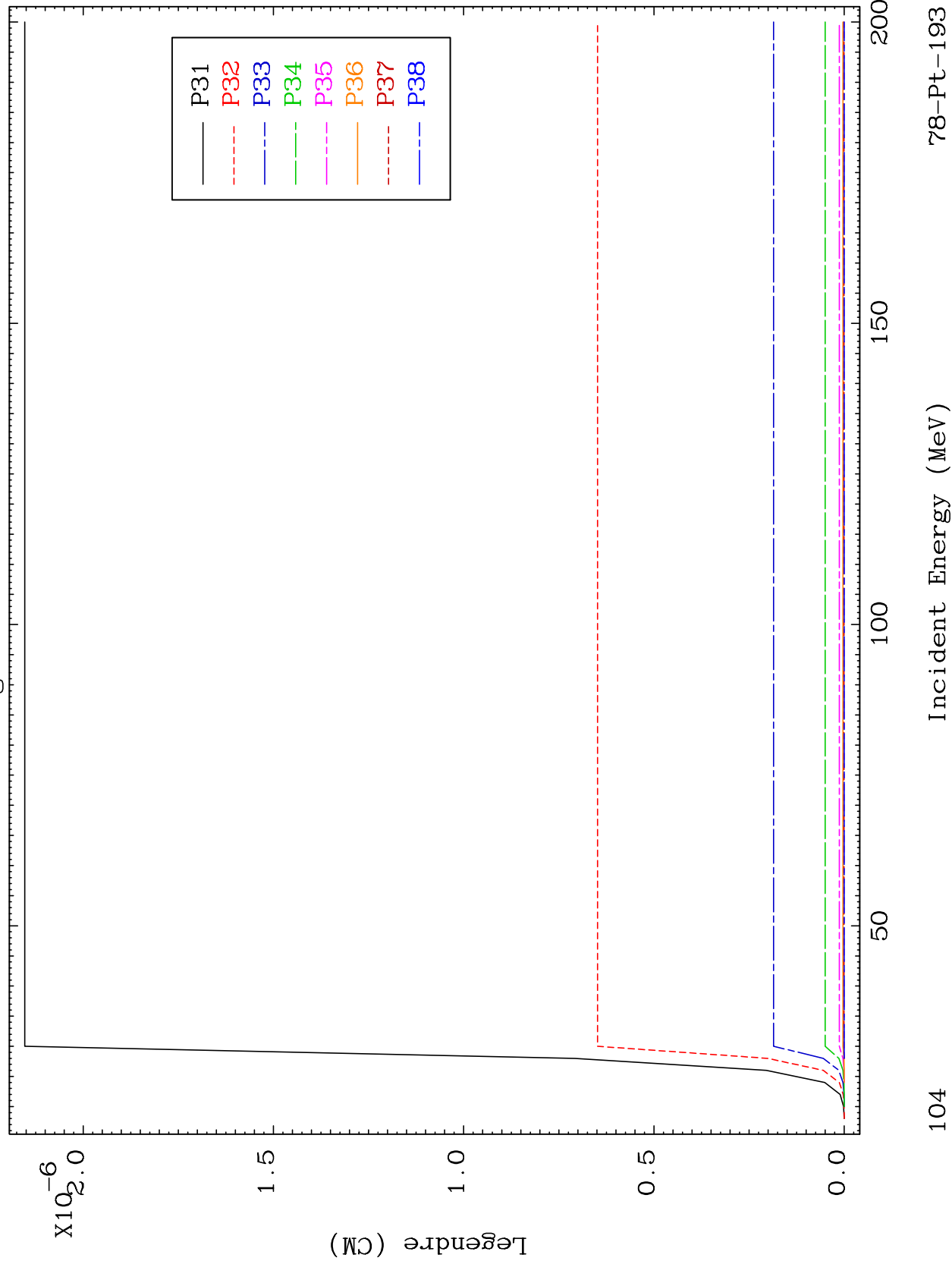
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



104

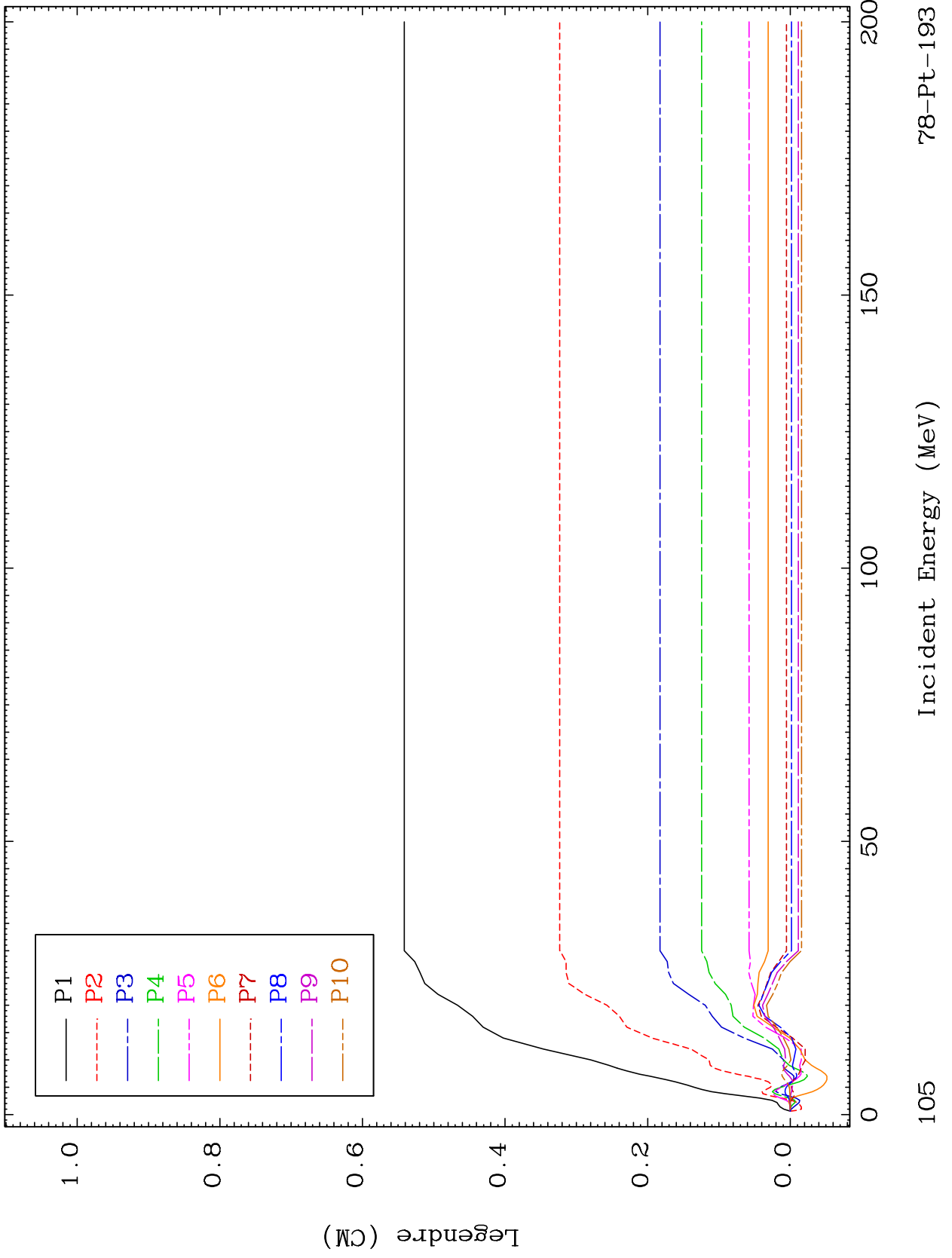
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

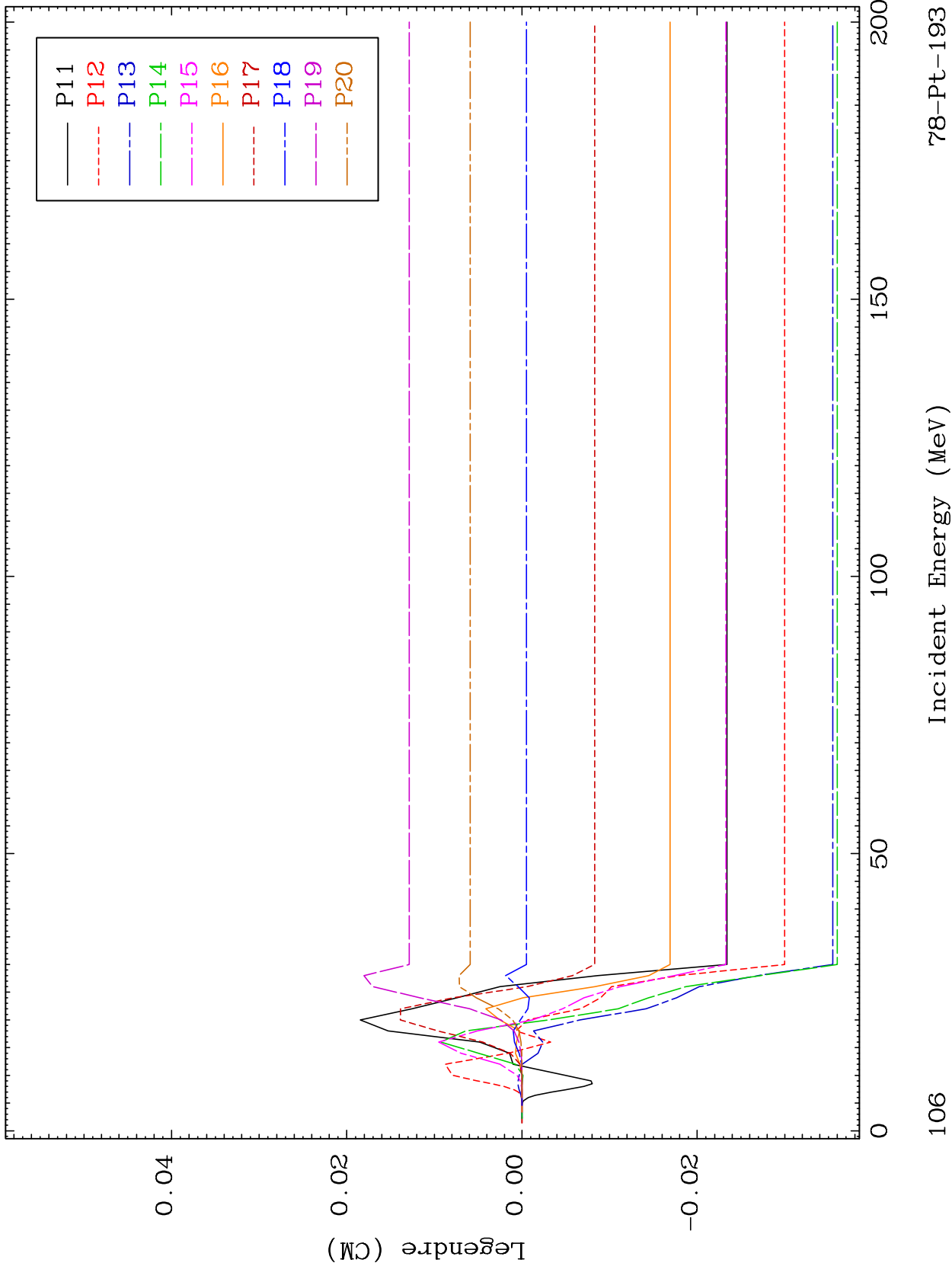
78-Pt-193



MAT 7834

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

78-Pt-193



106

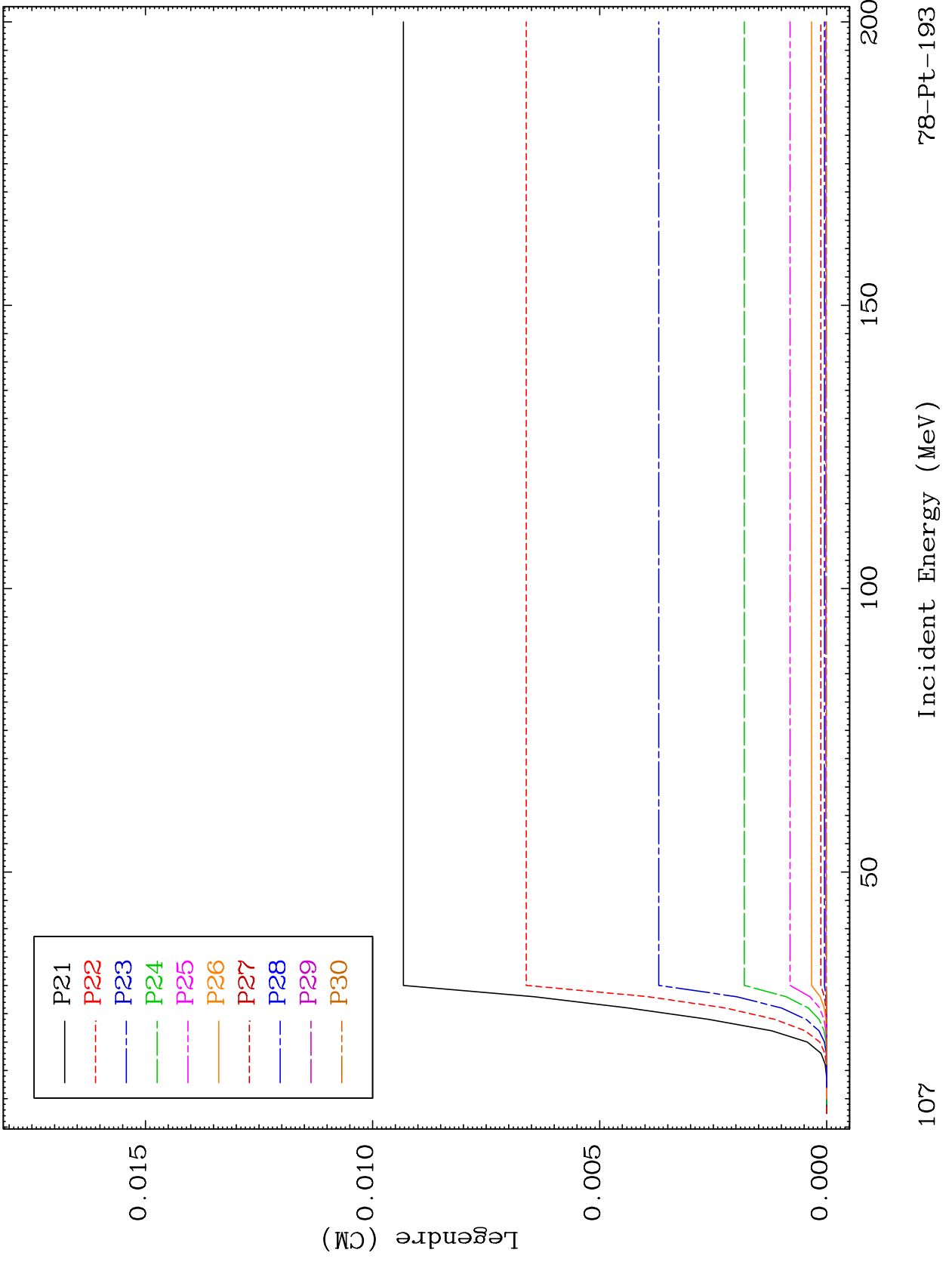
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



107

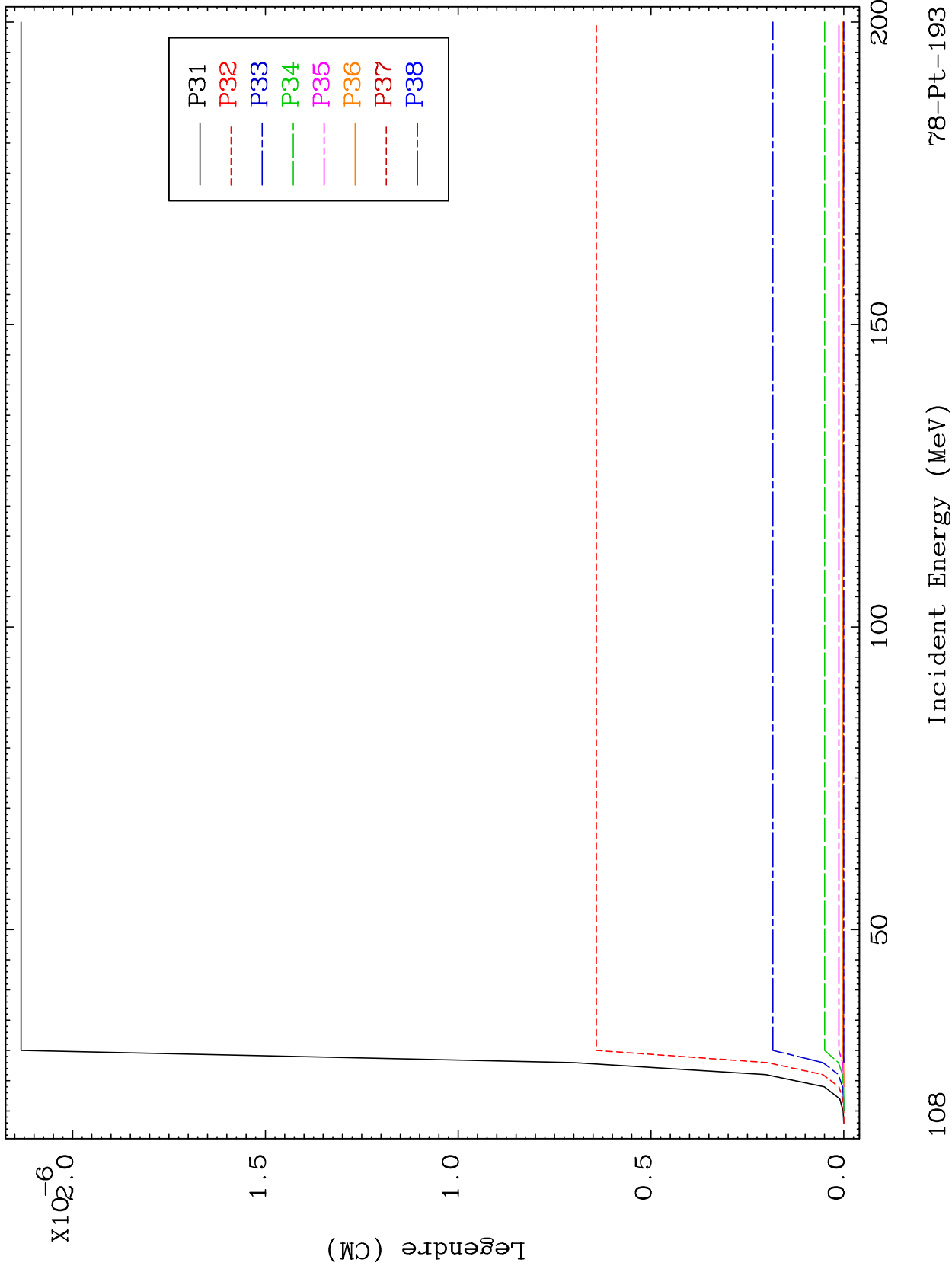
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



108

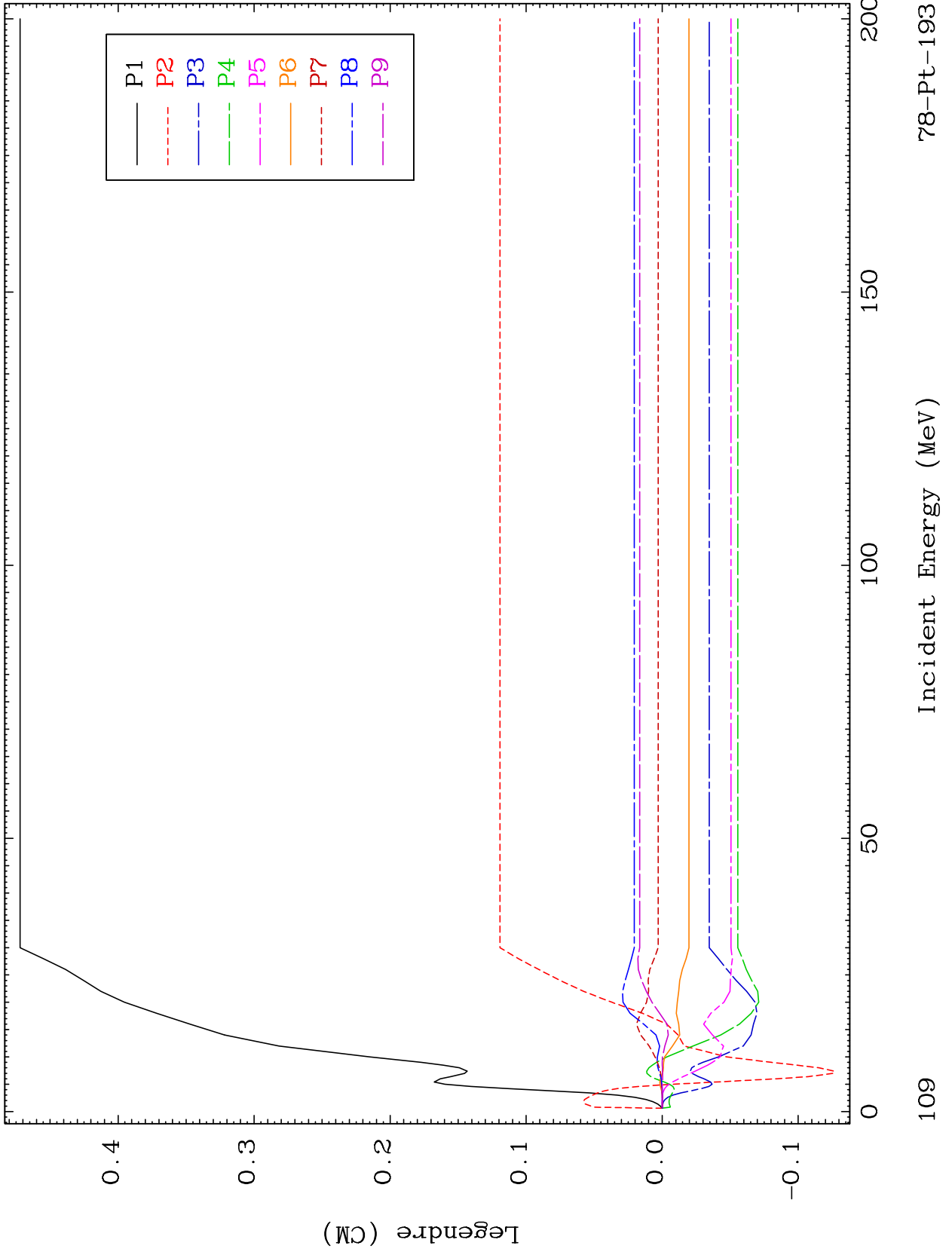
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



78-Pt-193

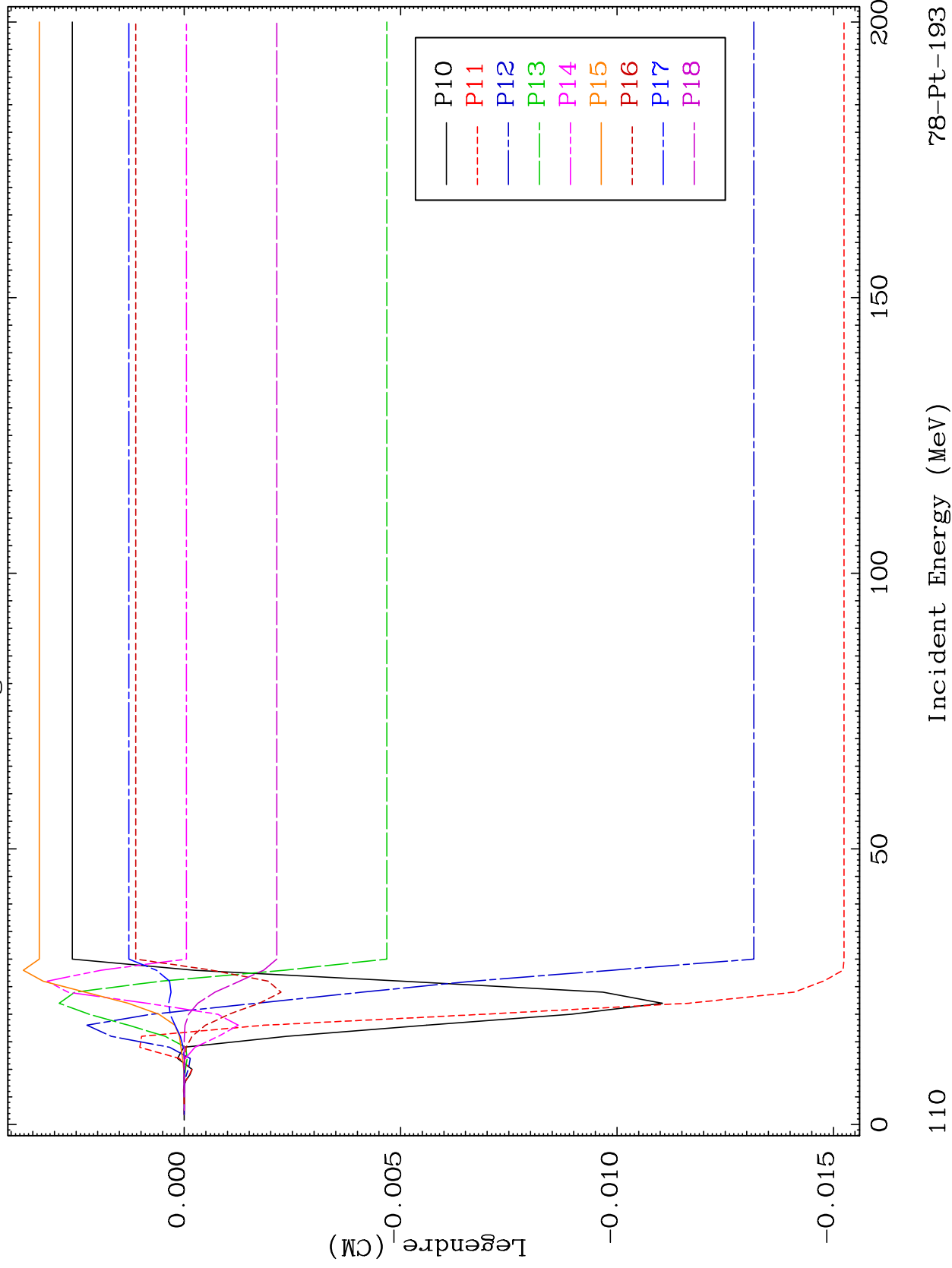
Incident Energy (MeV)

109

MAT 7834

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

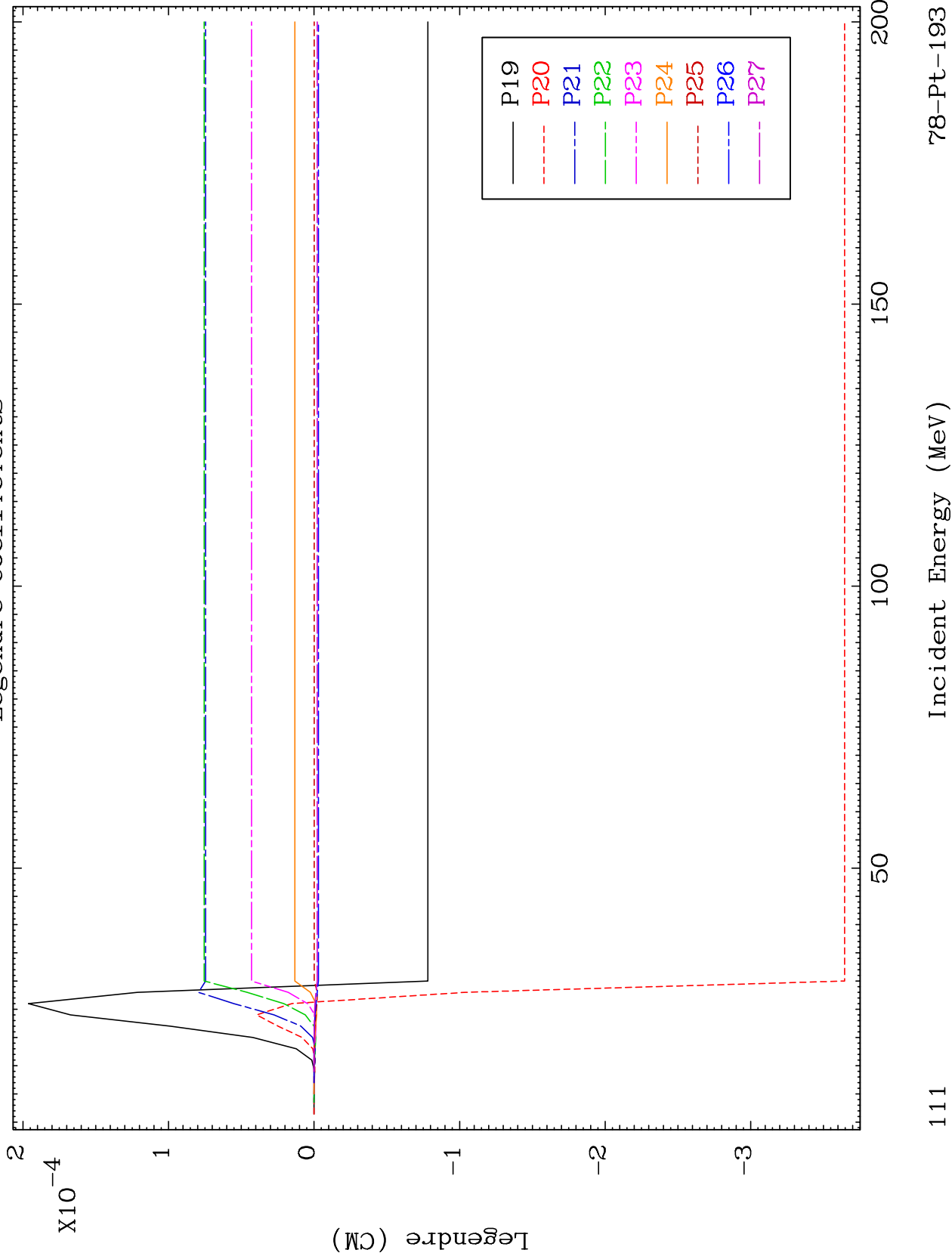
78-Pt-193

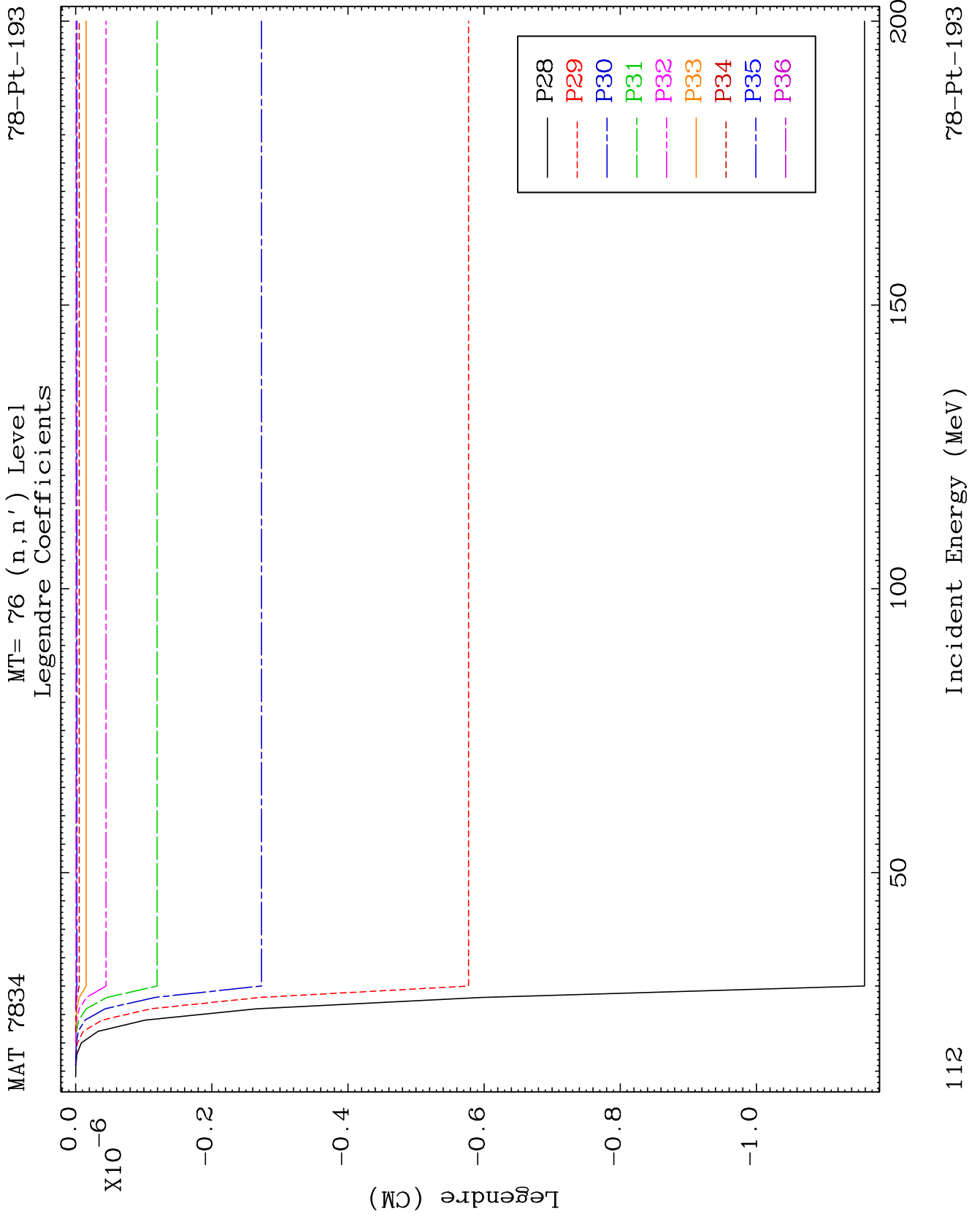


78-Pt-193

Incident Energy (MeV)

110

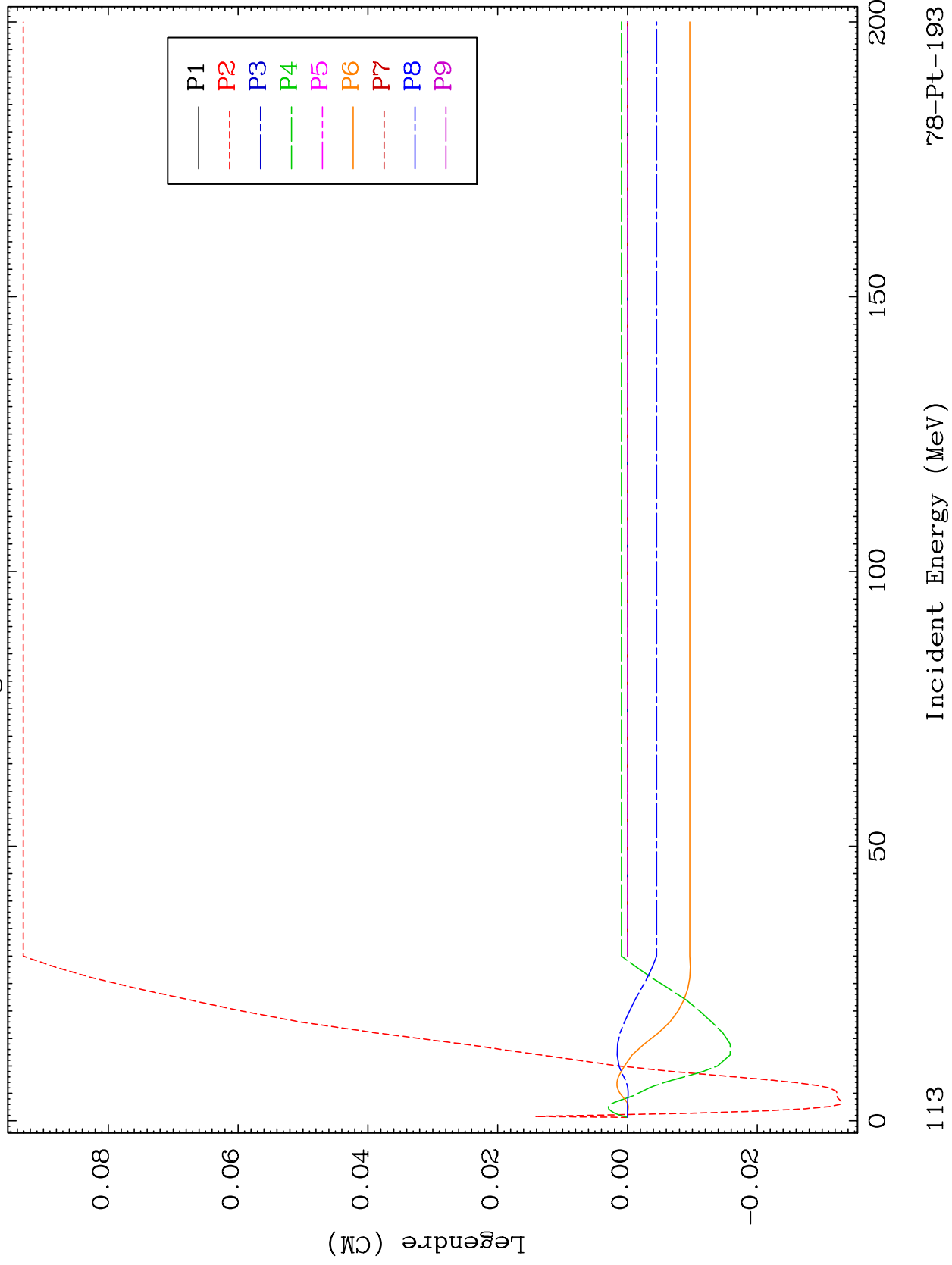




MAT 7834

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

78-Pt-193



78-Pt-193

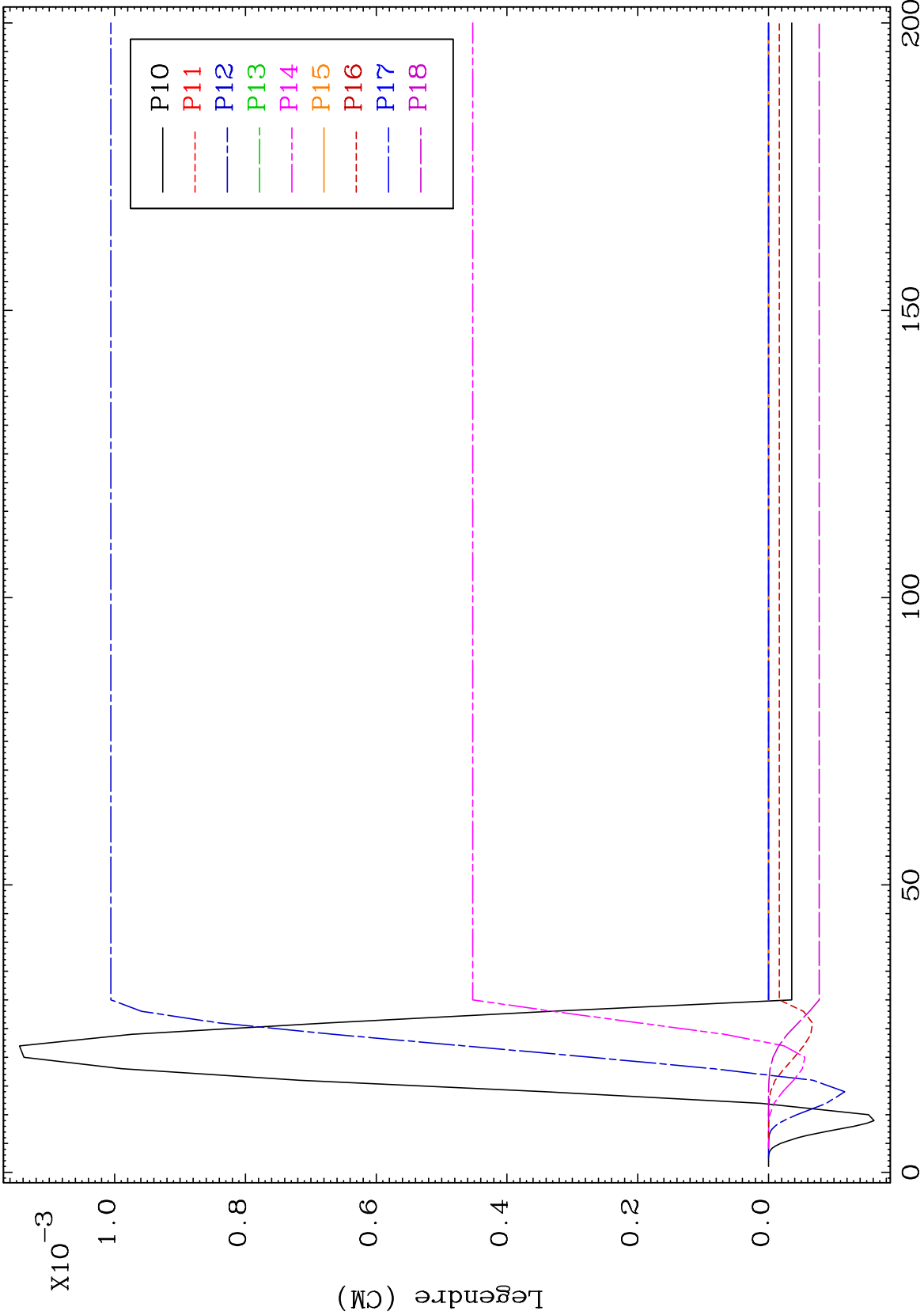
Incident Energy (MeV)

113

MAT 7834

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

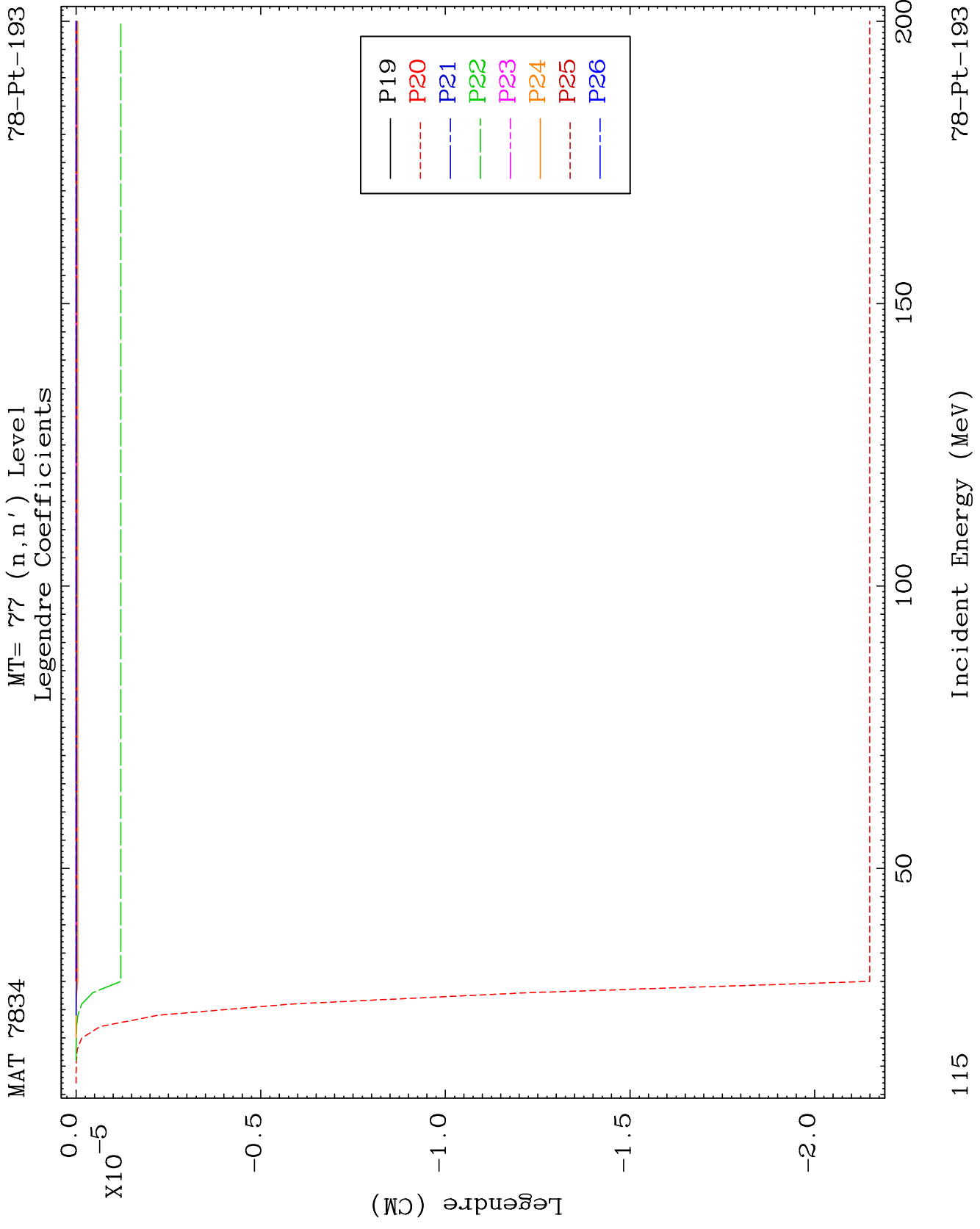
78-Pt-193



114

Incident Energy (MeV)

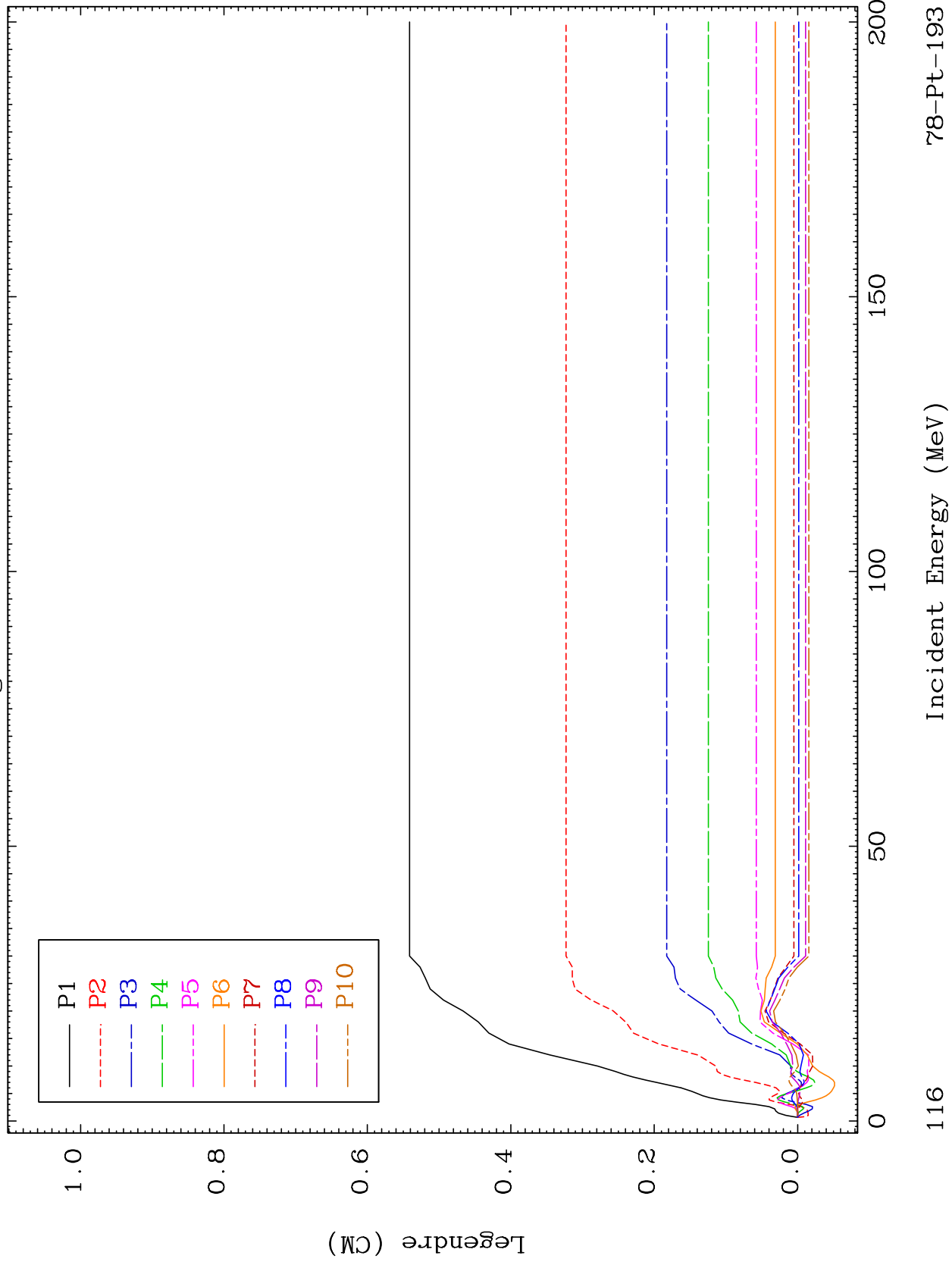
78-Pt-193



MAT 7834

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

78-Pt-193



116

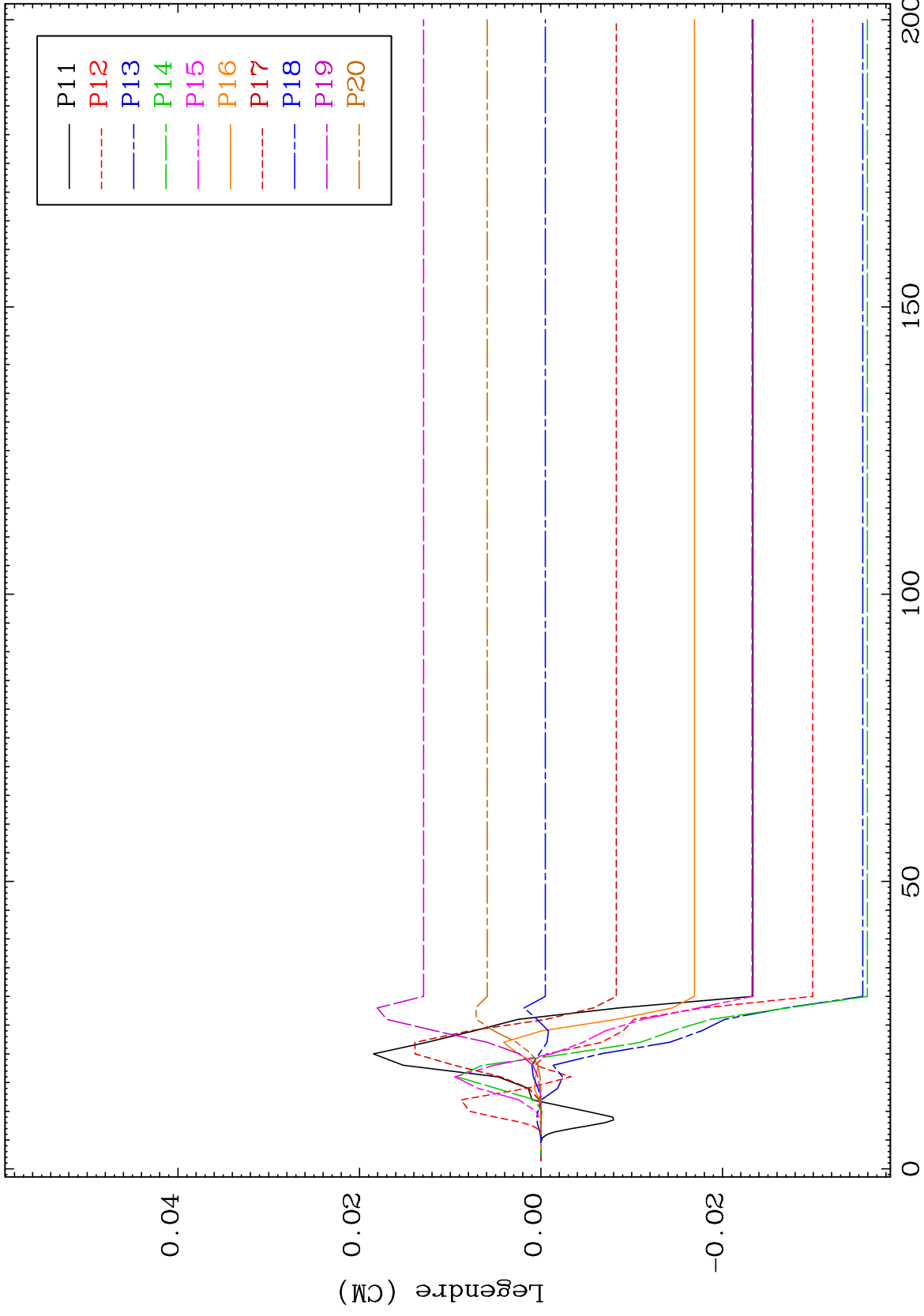
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

78-Pt-193



117

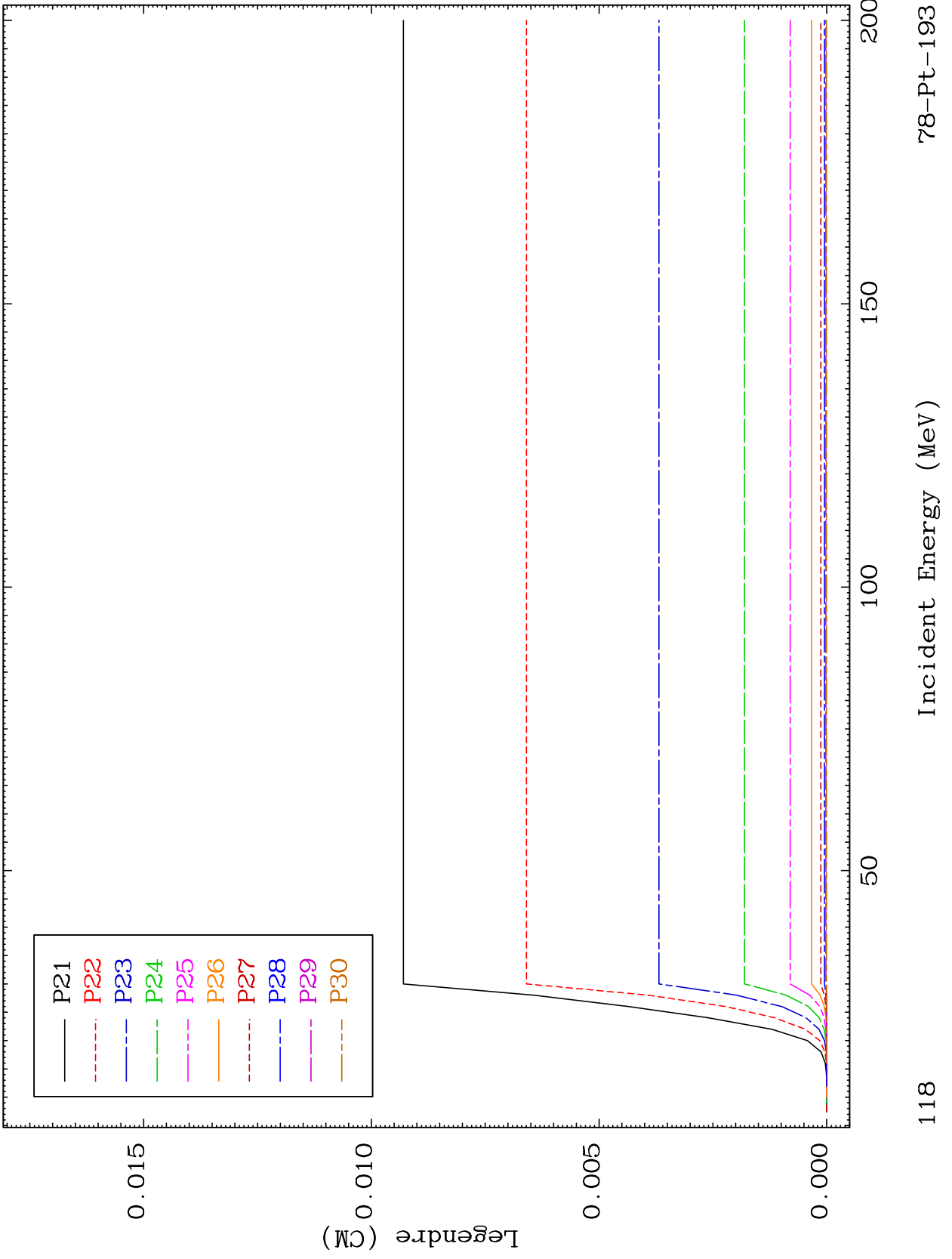
Incident Energy (MeV)

78-Pt-193

MAT 7834

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

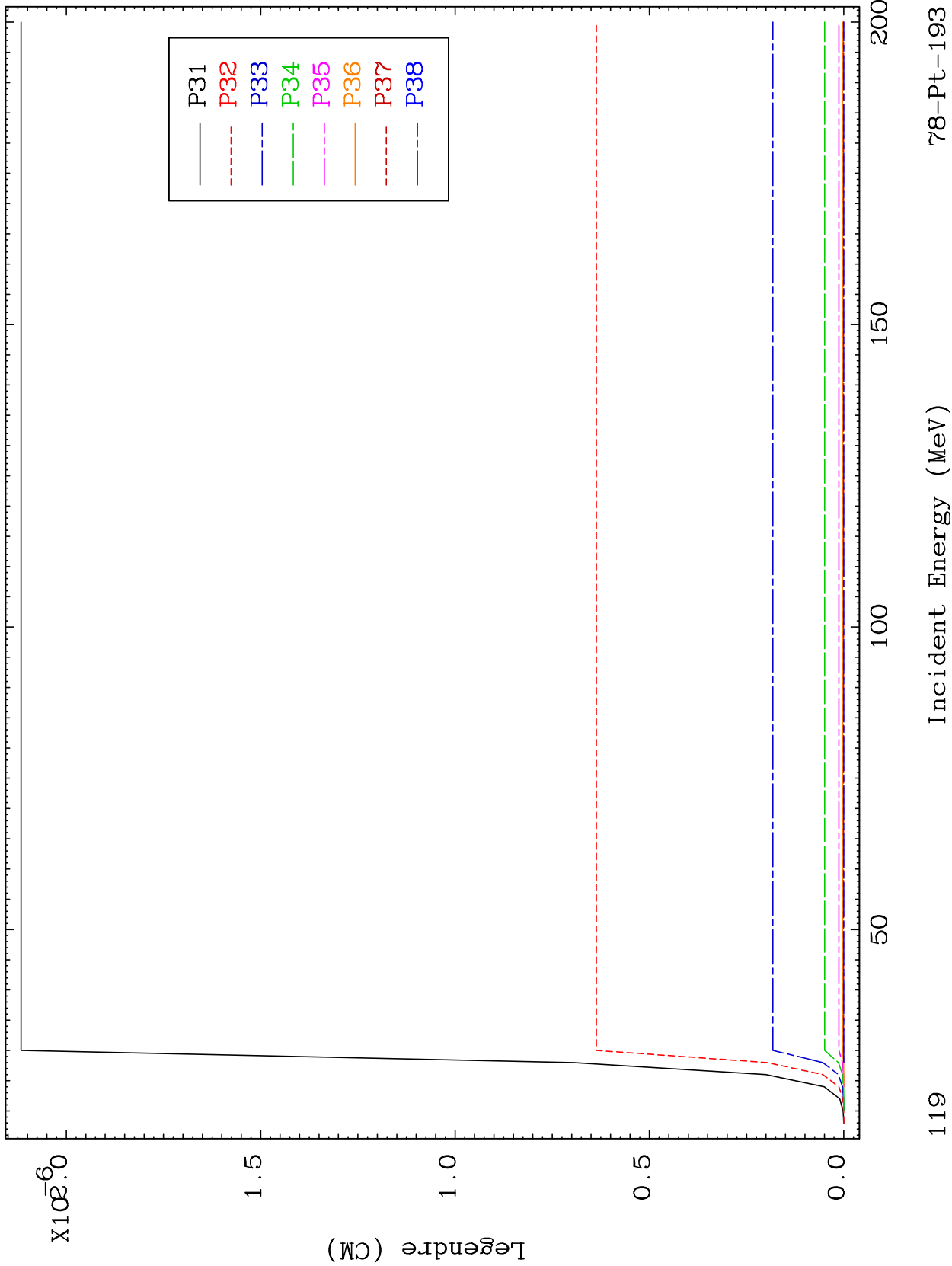
78-Pt-193



MAT 7834

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

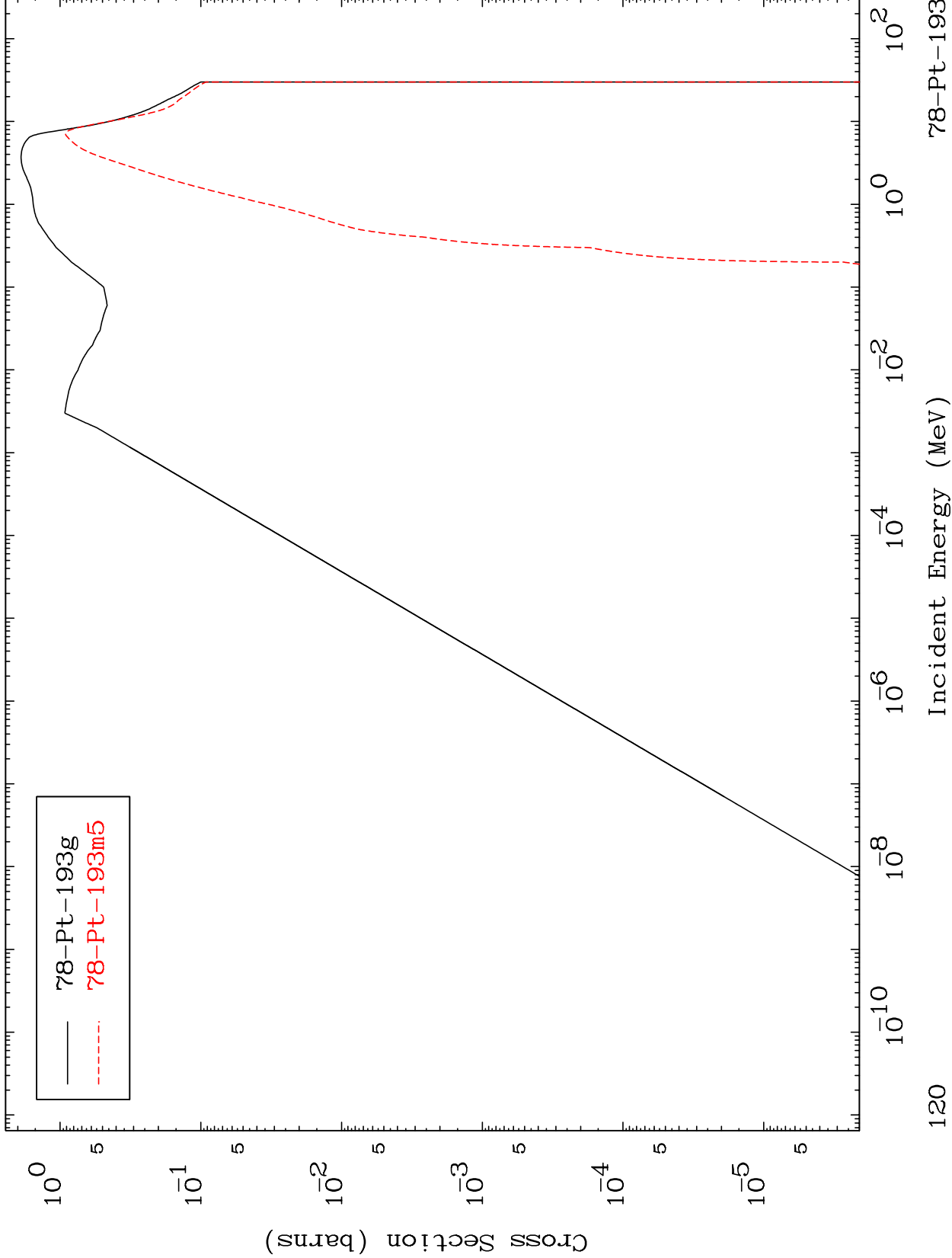
78-Pt-193



MAT 7834

Inelastic
Radionuclide Production Cross Section

78-Pt-193

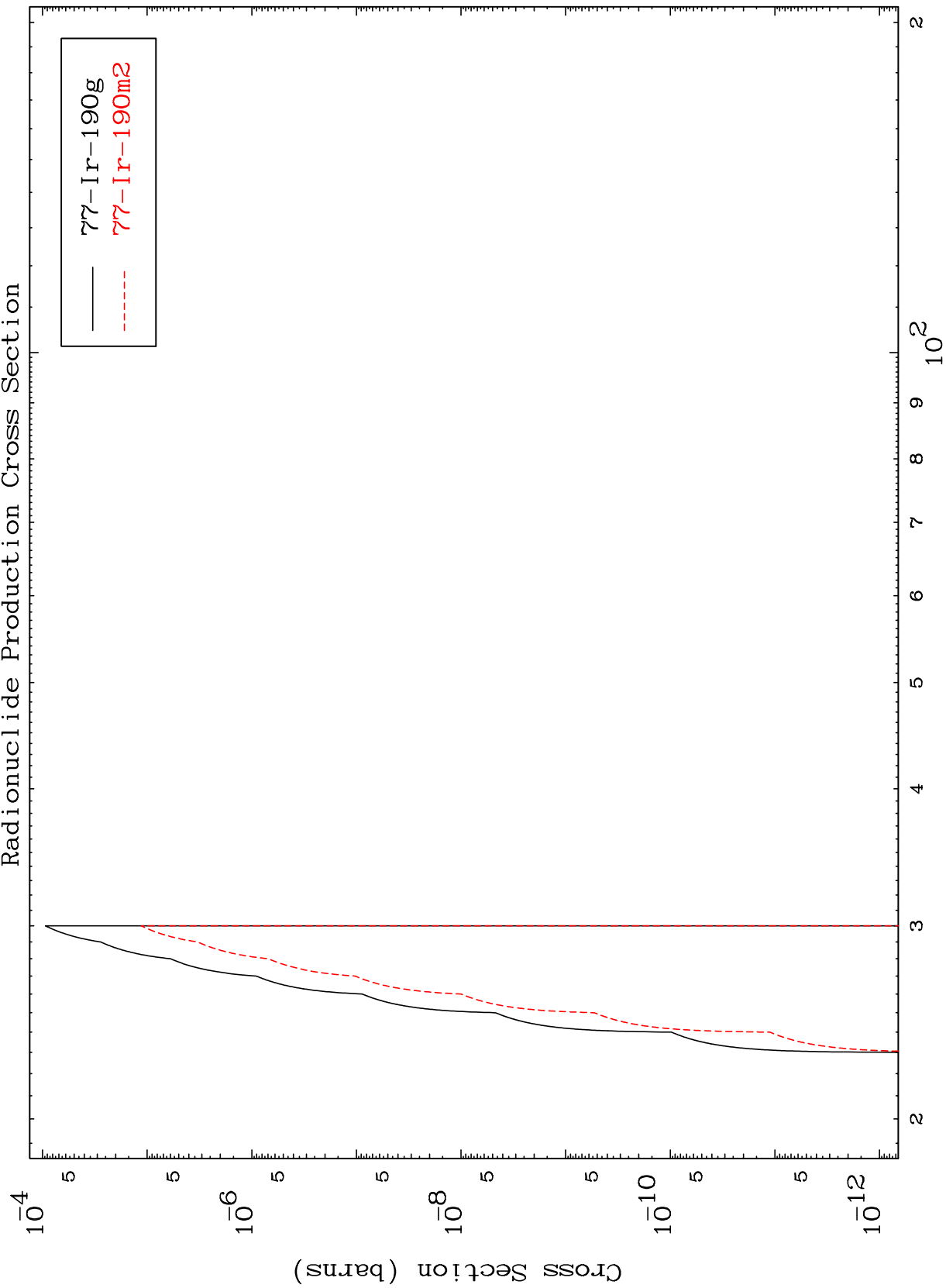


MAT 7834

(n,2n) d

78-Pt-193

Radionuclide Production Cross Section



77-Ir-190g
77-Ir-190m2

121

Incident Energy (MeV)

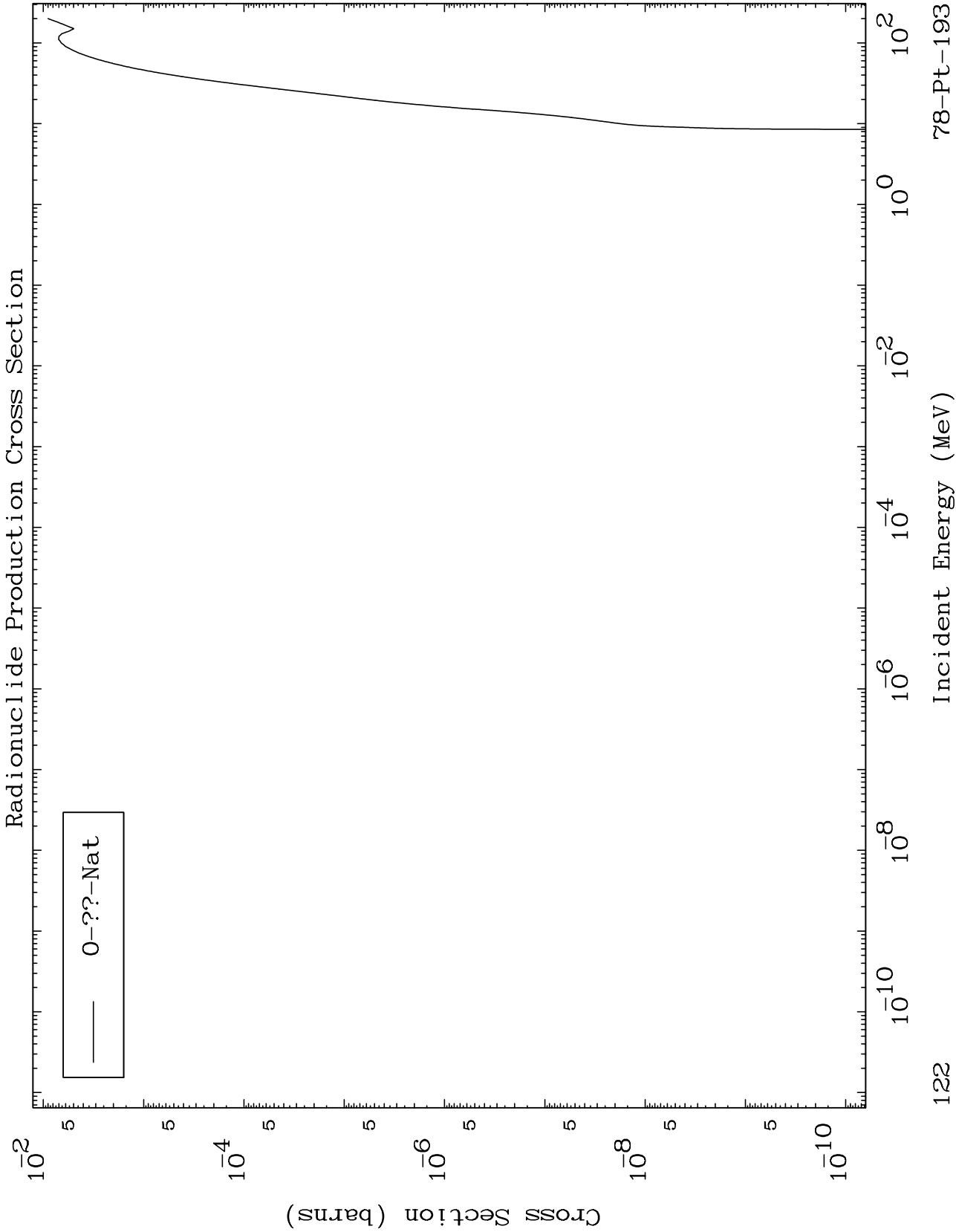
78-Pt-193

MAT 7834

Fission

78-Pt-193

Radionuclide Production Cross Section



122

Incident Energy (MeV)

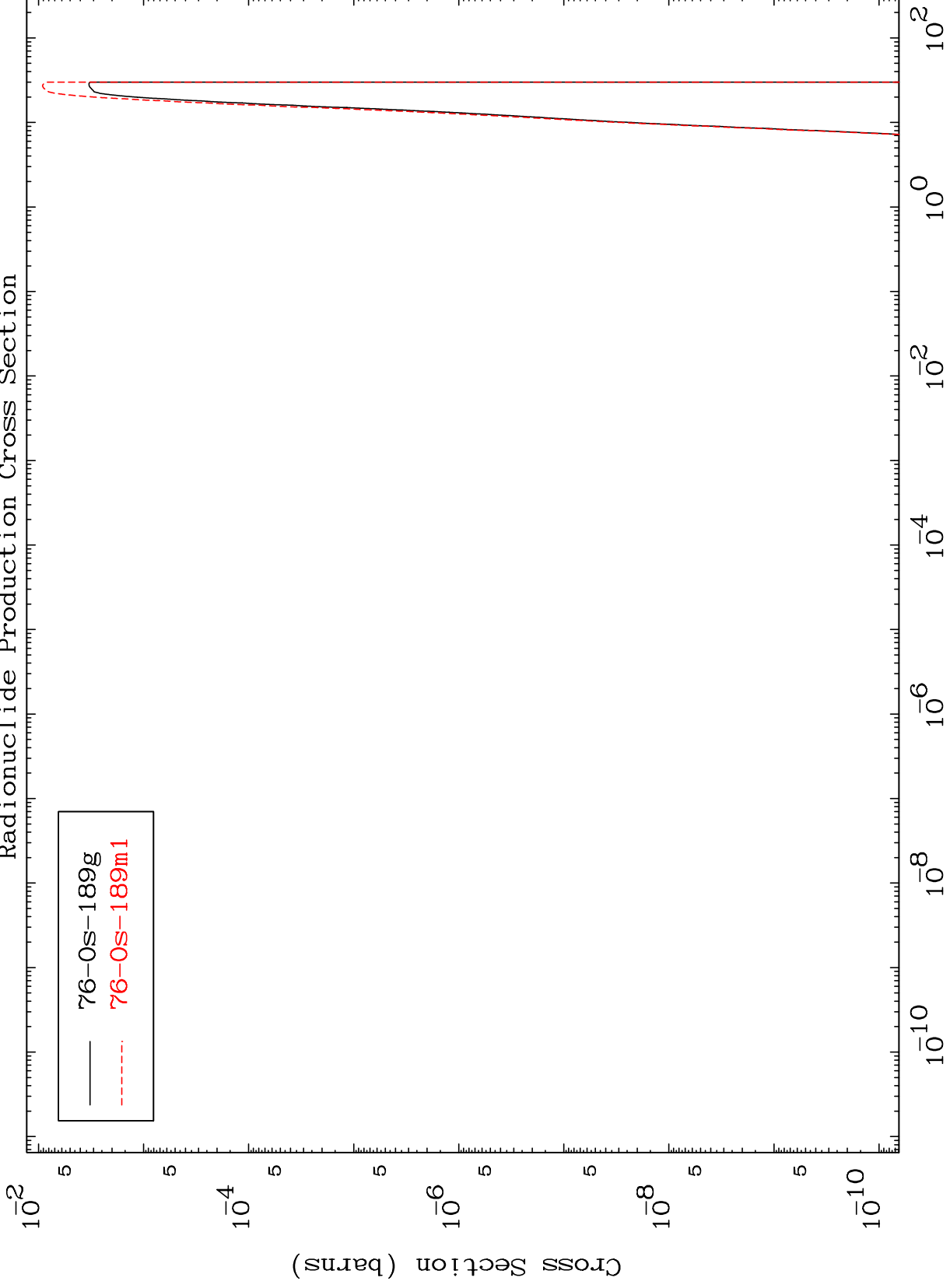
78-Pt-193

MAT 7834

$(n, n') \alpha$

78-Pt-193

Radionuclide Production Cross Section

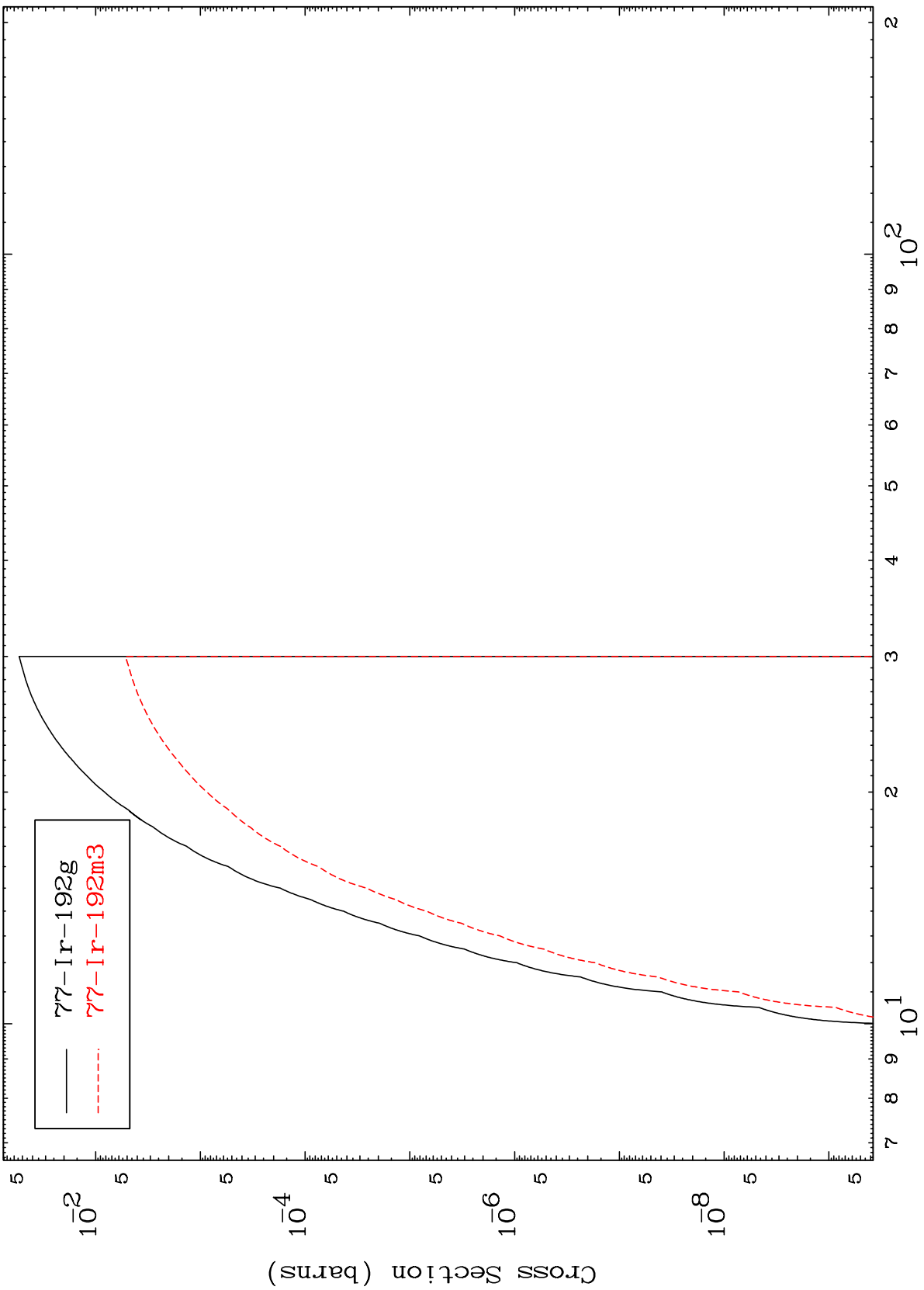


MAT 7834

(n,n') p

78-Pt-193

Radionuclide Production Cross Section



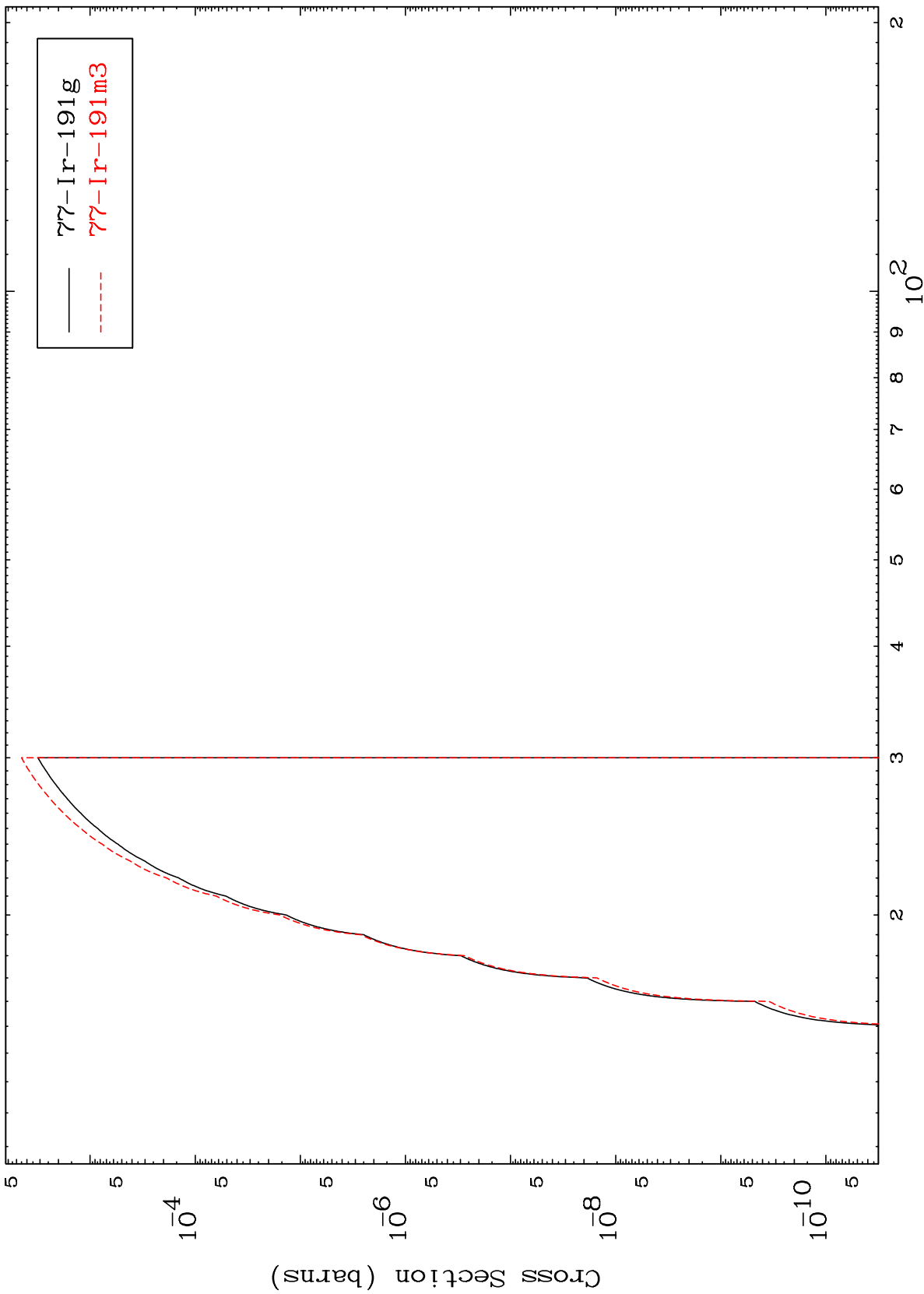
— $^{77}\text{Ir-192g}$
- - - $^{77}\text{Ir-192m3}$

124

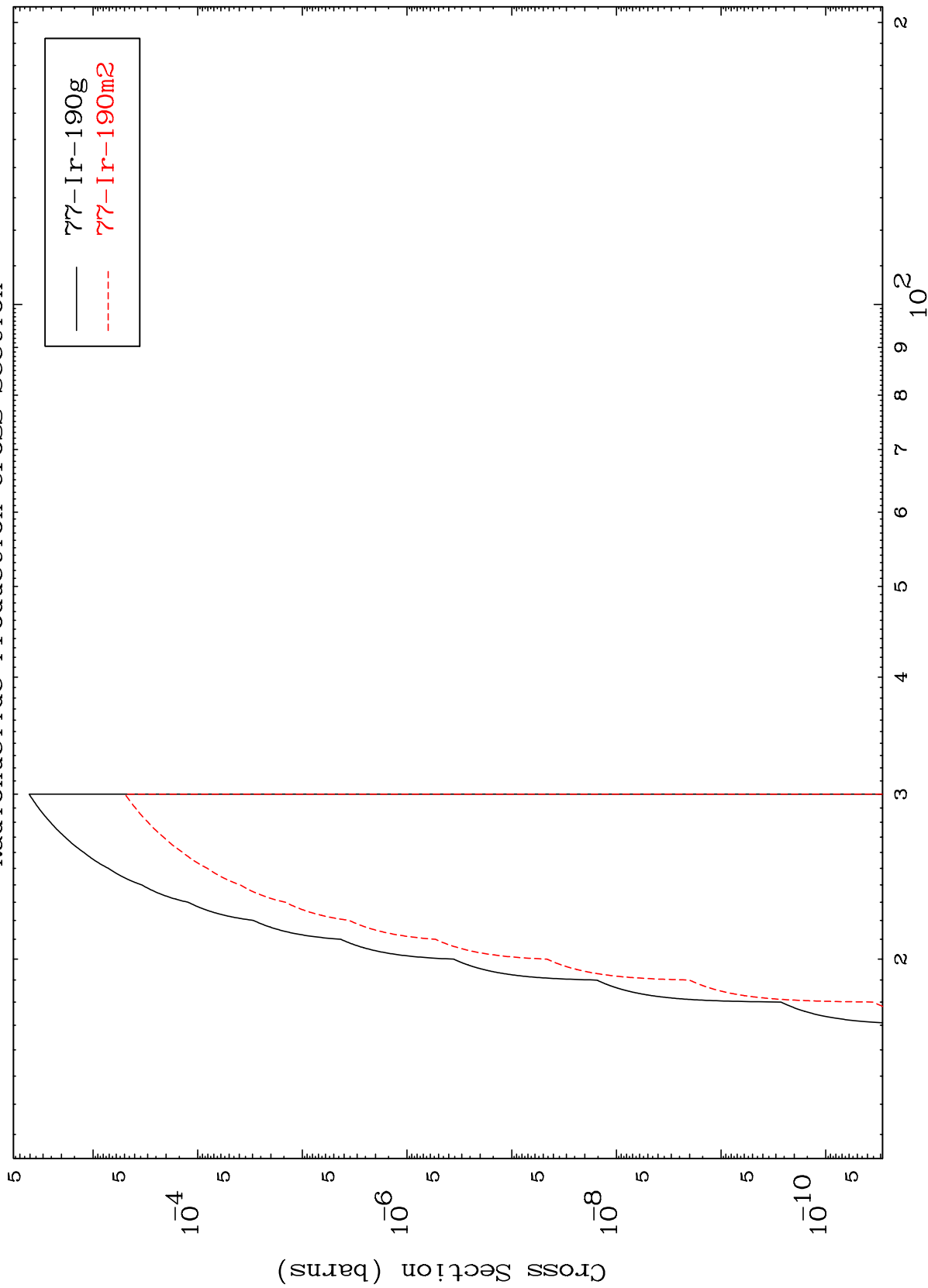
Incident Energy (MeV)

78-Pt-193

Radionuclide Production Cross Section



Radionuclide Production Cross Section

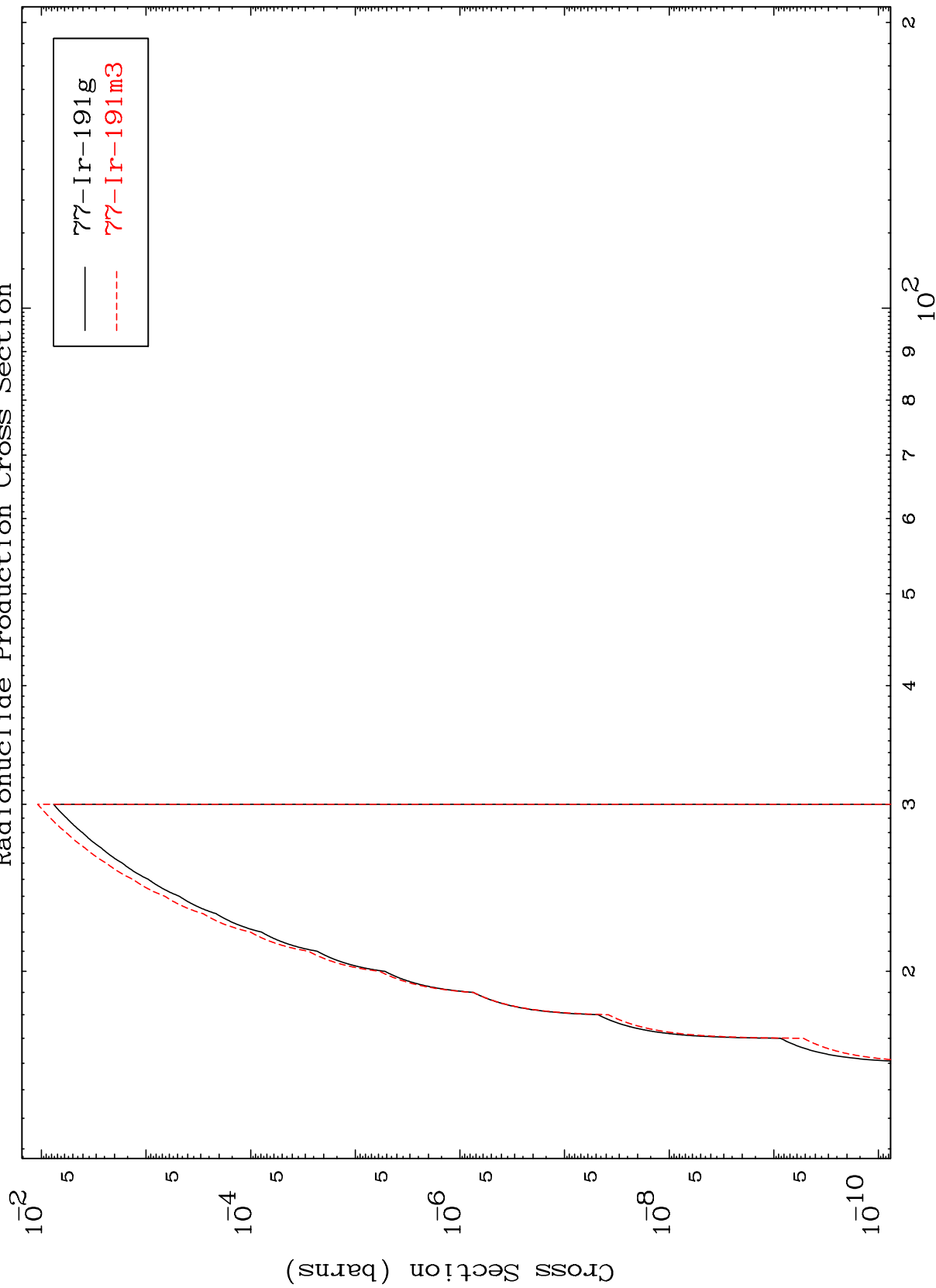


MAT 7834

(n,2n) p

78-Pt-193

Radionuclide Production Cross Section



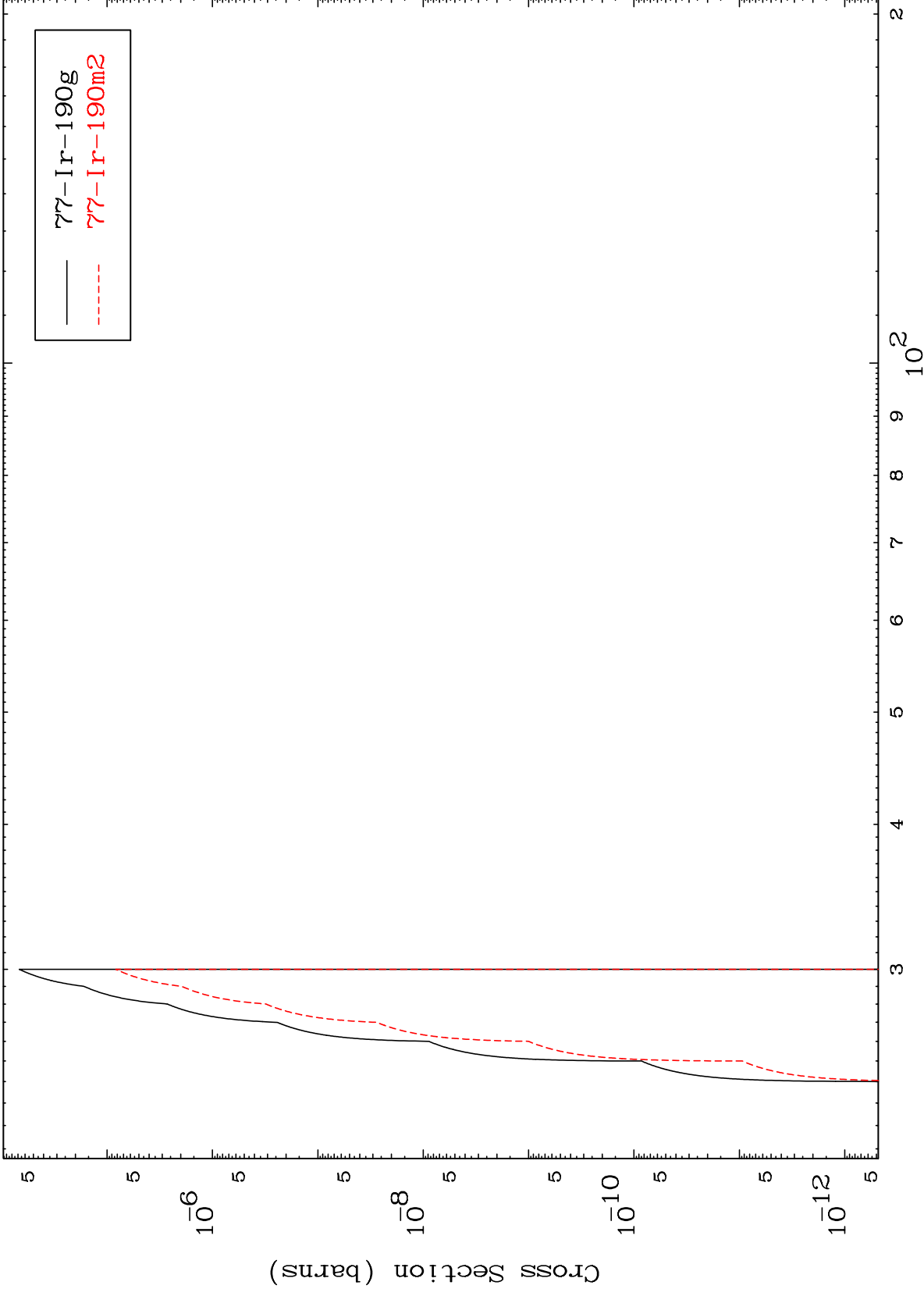
77-Ir-191g
77-Ir-191m3

127

Incident Energy (MeV)

78-Pt-193

Radionuclide Production Cross Section

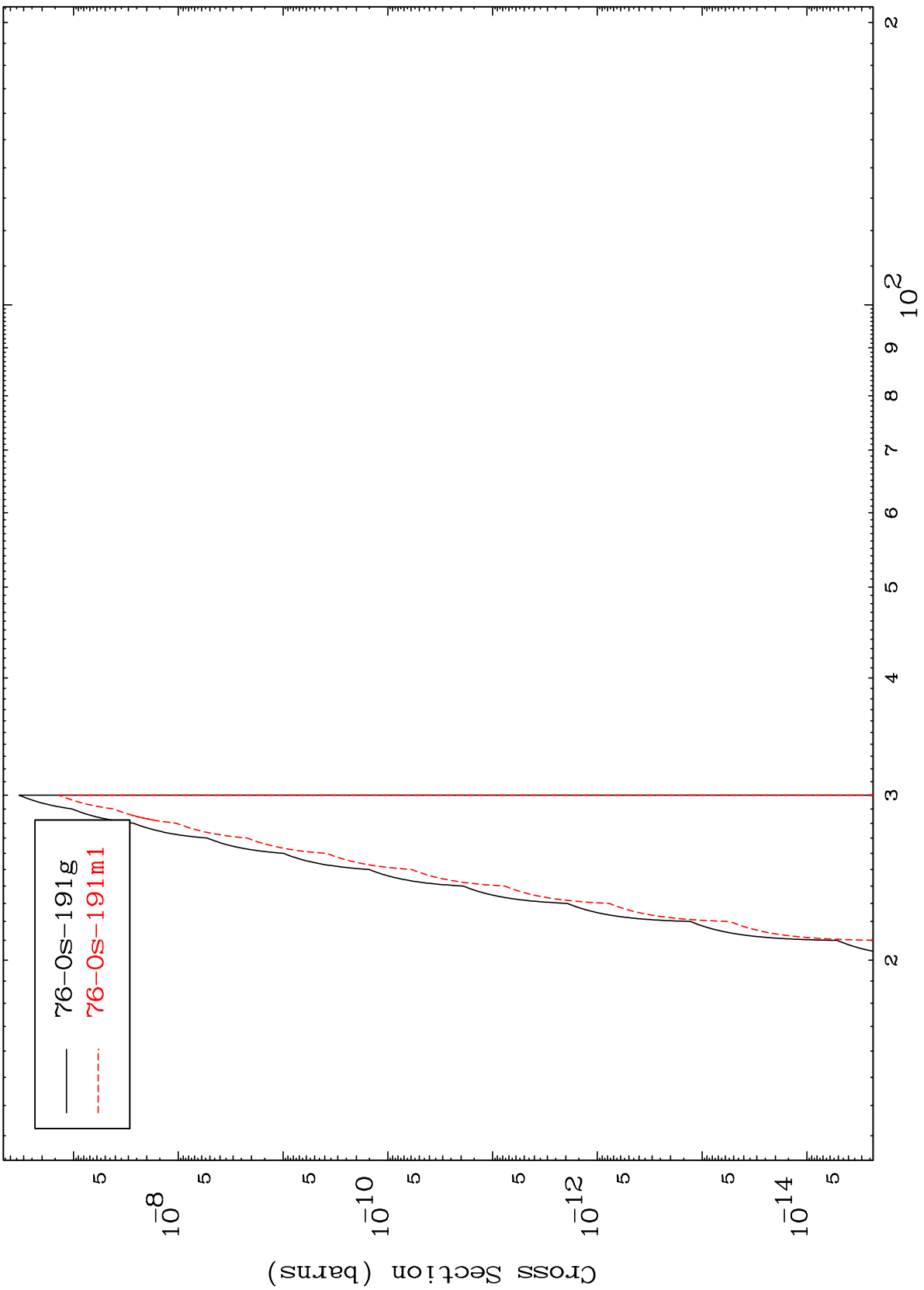


MAT 7834

(n,2n) p

78-Pt-193

Radionuclide Production Cross Section



129

Incident Energy (MeV)

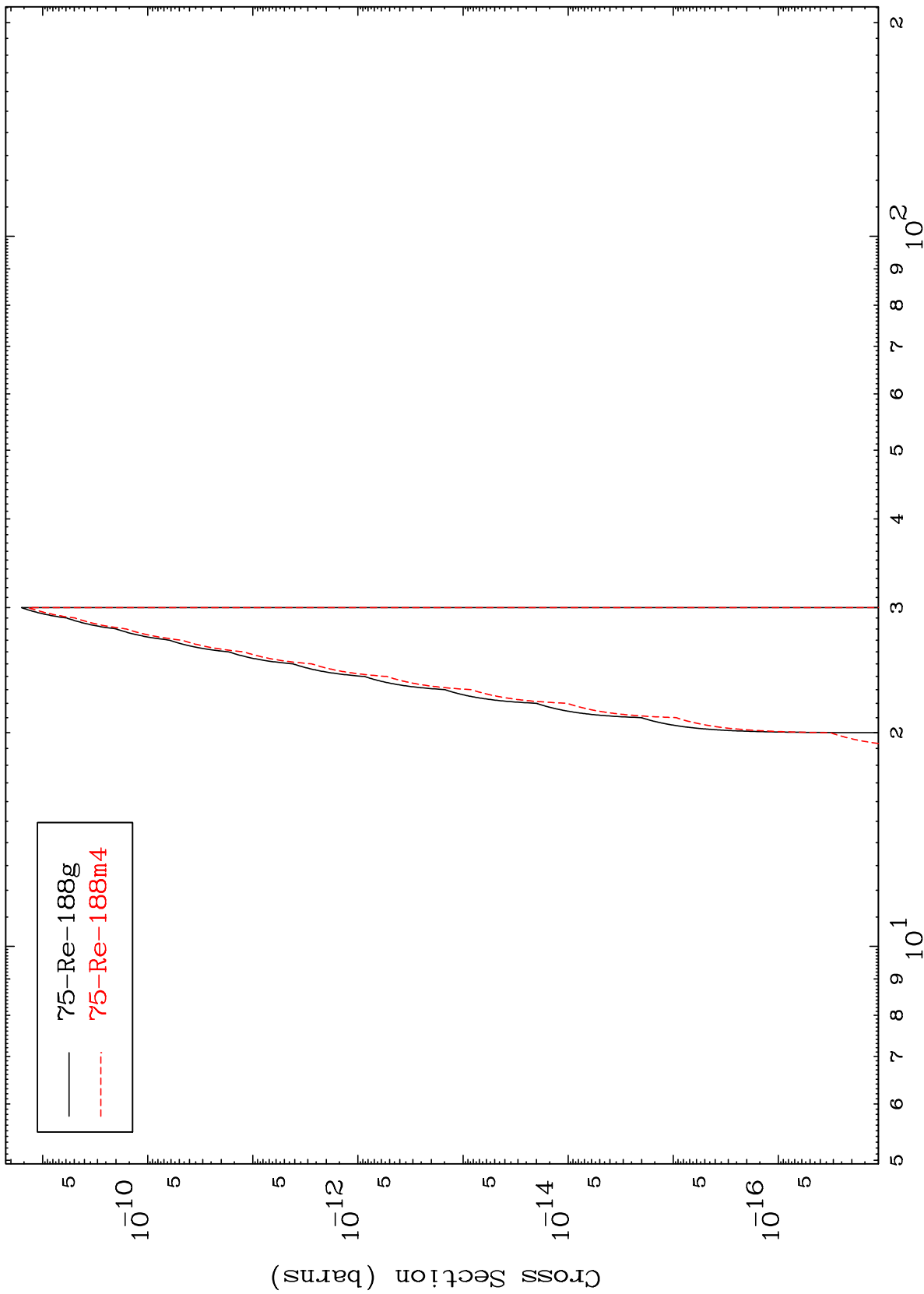
78-Pt-193

MAT 7834

(n,n') p α

78-Pt-193

Radionuclide Production Cross Section



130

Incident Energy (MeV)

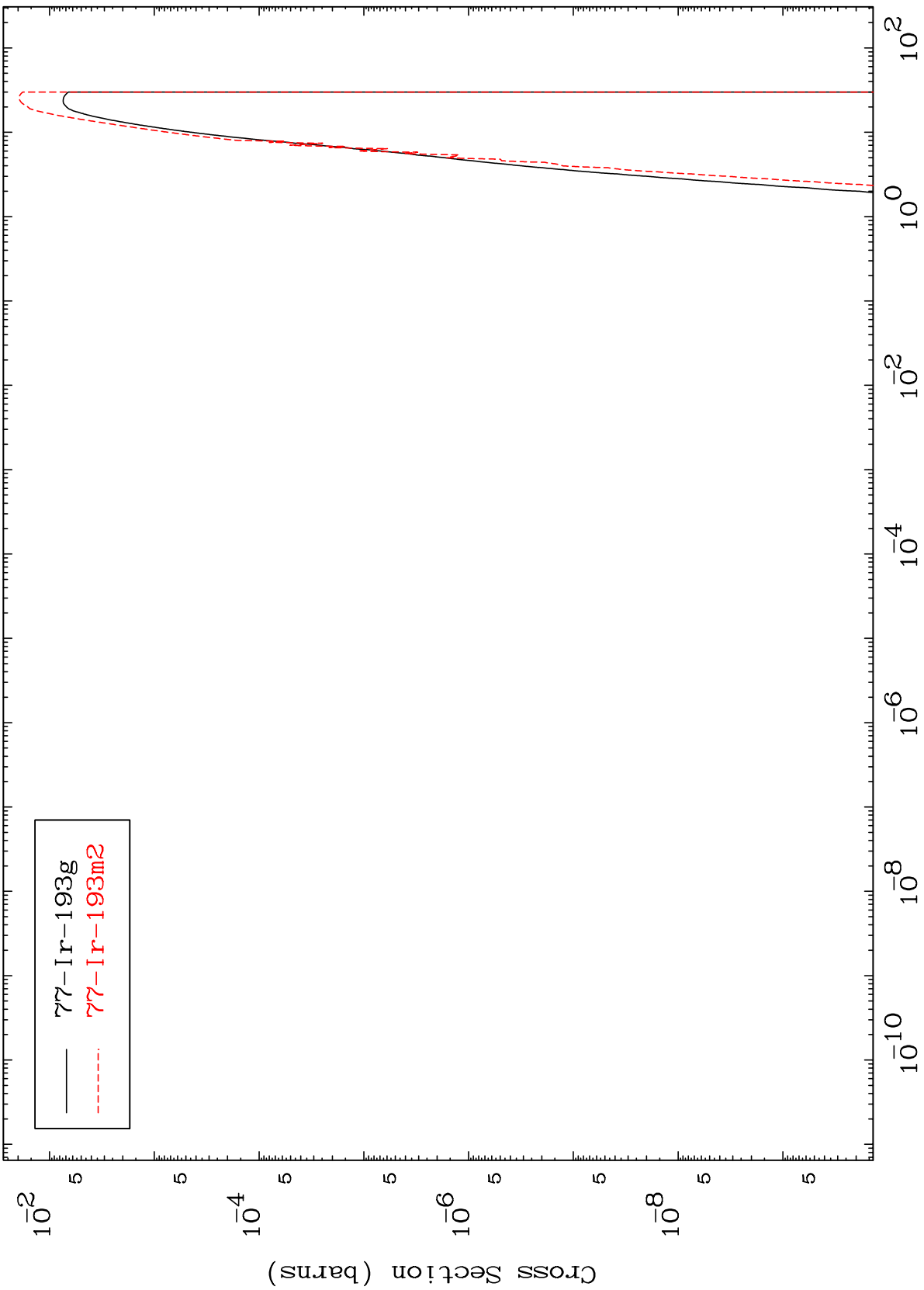
78-Pt-193

MAT 7834

(n,p)

78-Pt-193

Radionuclide Production Cross Section



131

Incident Energy (MeV)

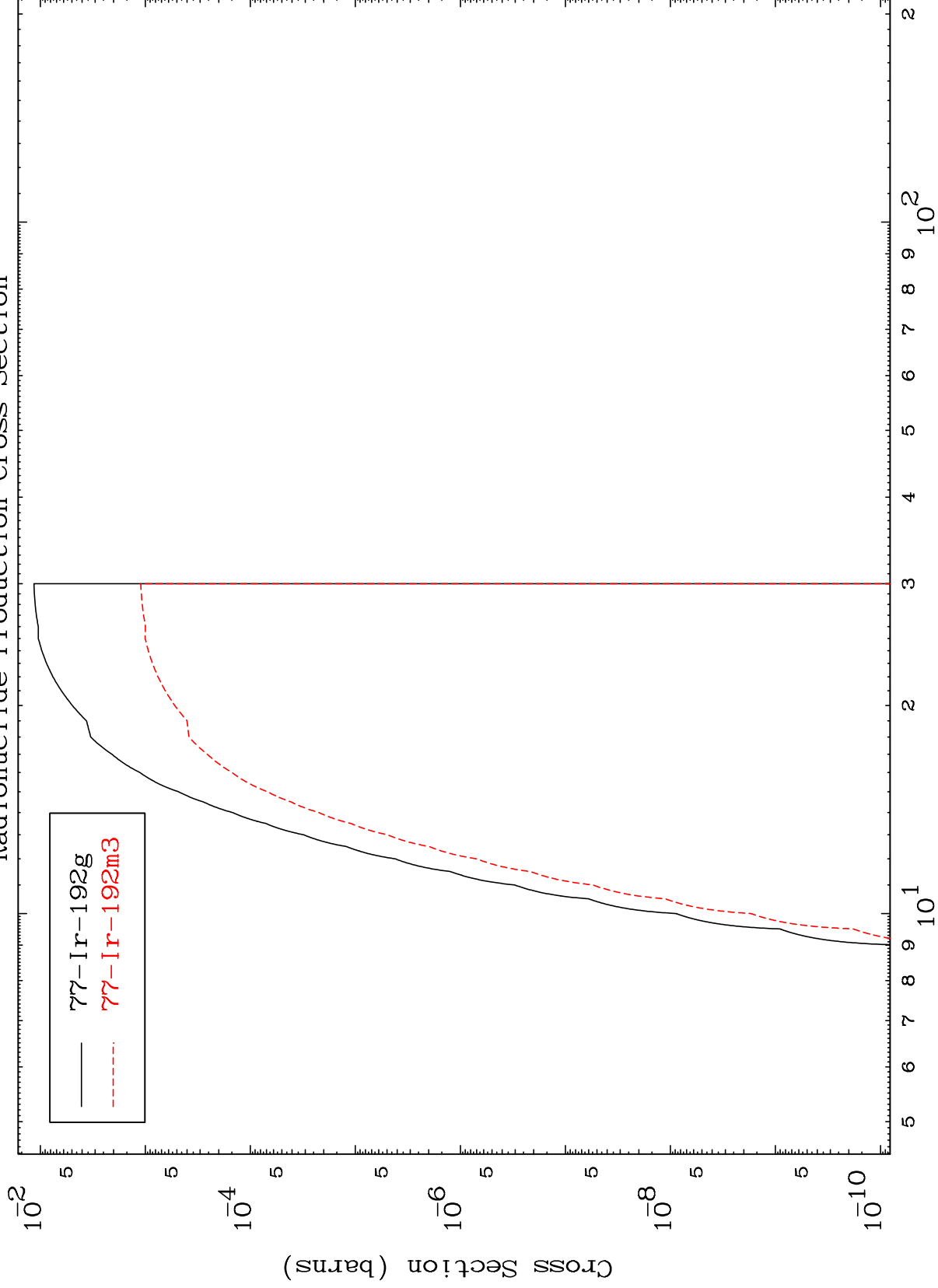
78-Pt-193

MAT 7834

(n,d)

78-Pt-193

Radionuclide Production Cross Section

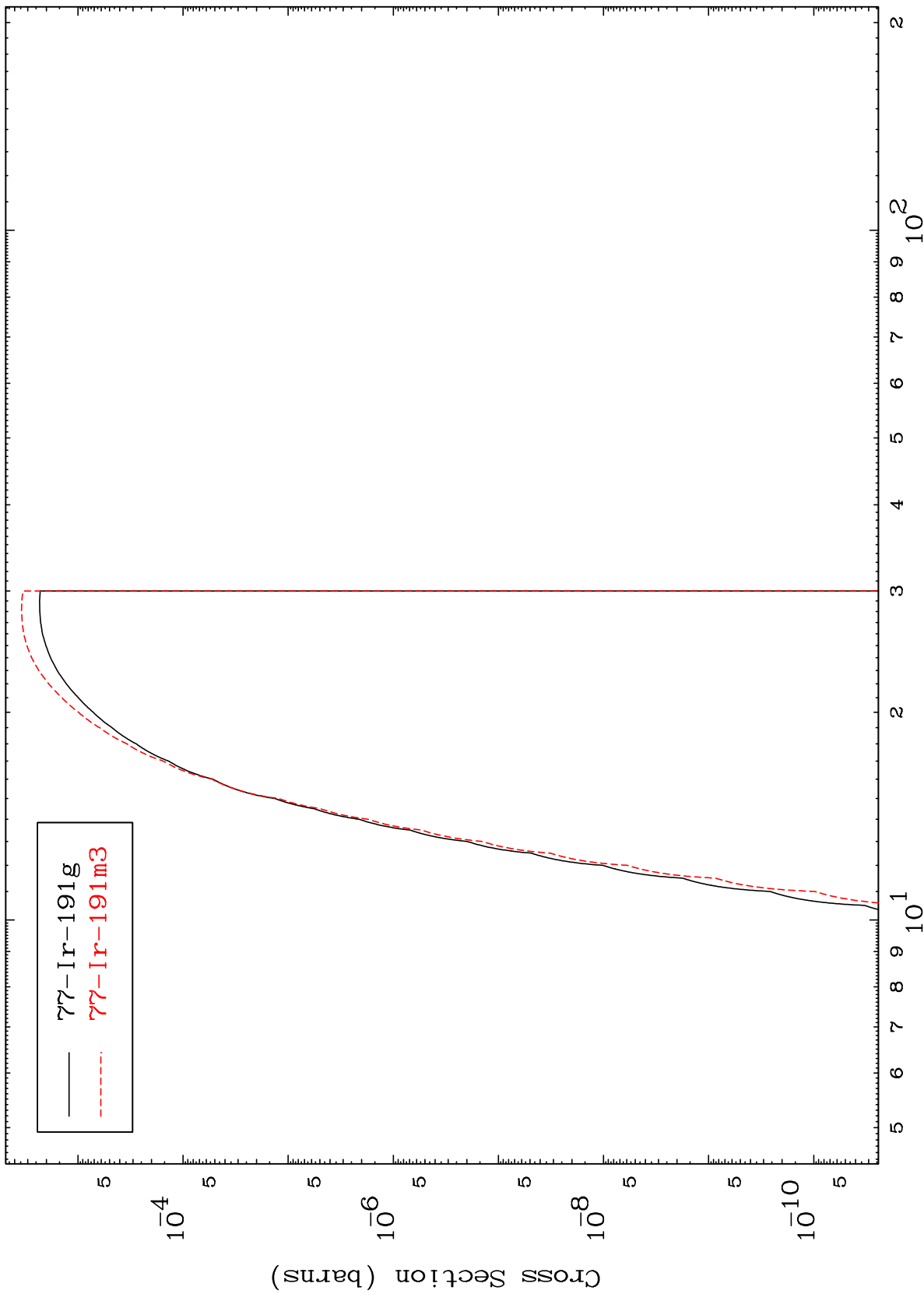


132

Incident Energy (MeV)

78-Pt-193

(n, t)
Radionuclide Production Cross Section

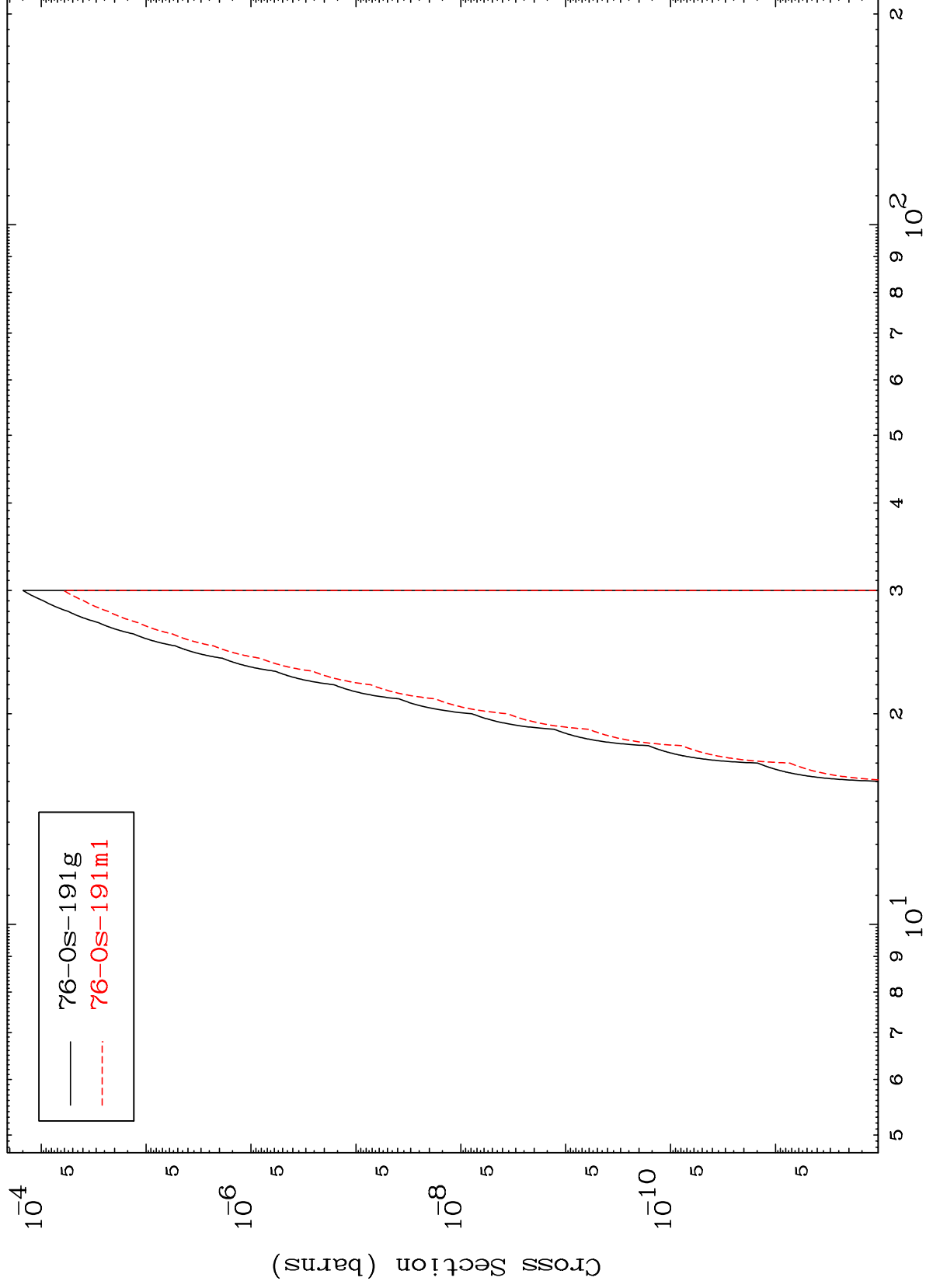


MAT 7834

(n,He-3)

78-Pt-193

Radionuclide Production Cross Section



134

Incident Energy (MeV)

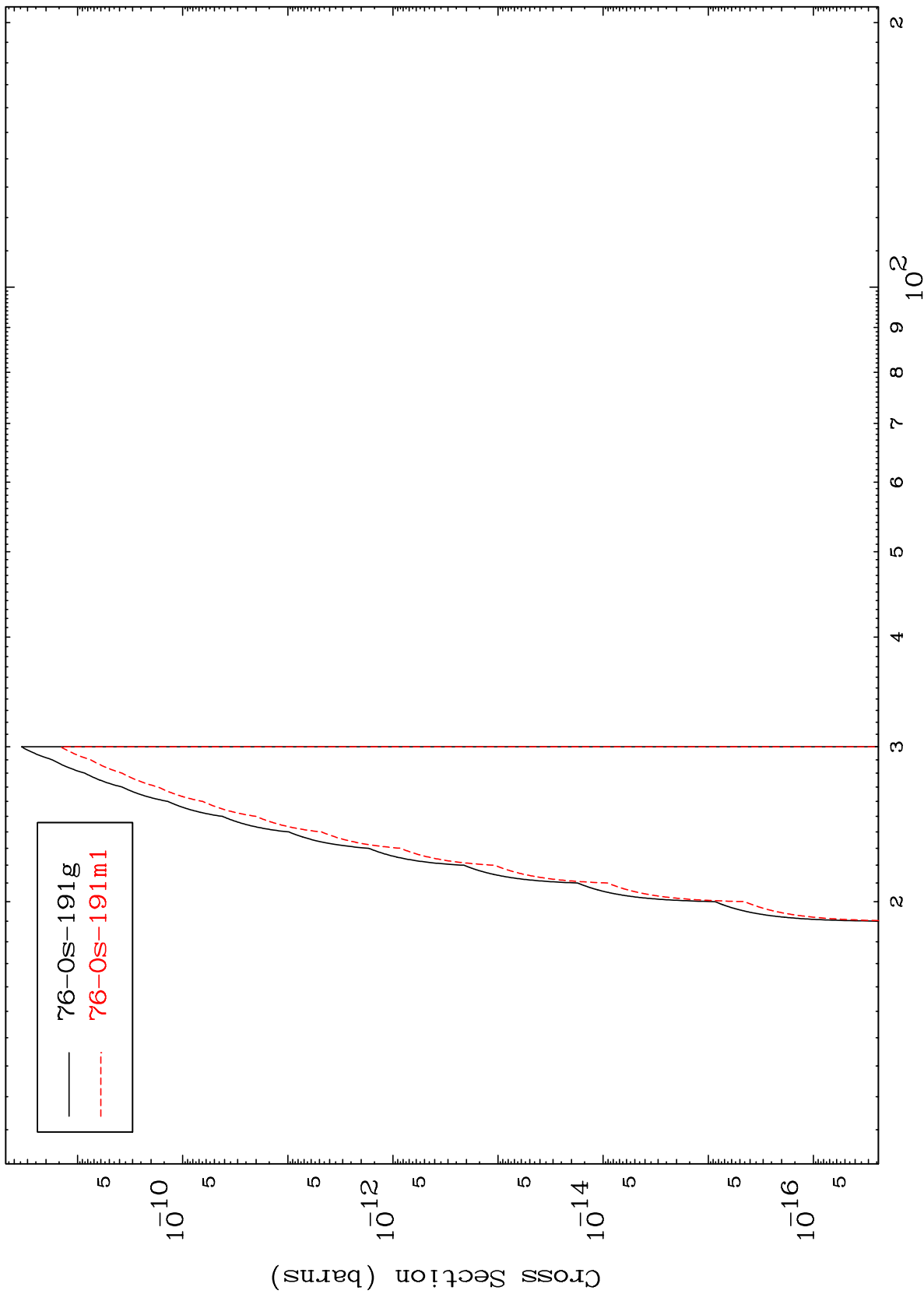
78-Pt-193

MAT 7834

(n,p) d

78-Pt-193

Radionuclide Production Cross Section



135

Incident Energy (MeV)

78-Pt-193