

Program EVALPLOT
(Version 2015-2)

by

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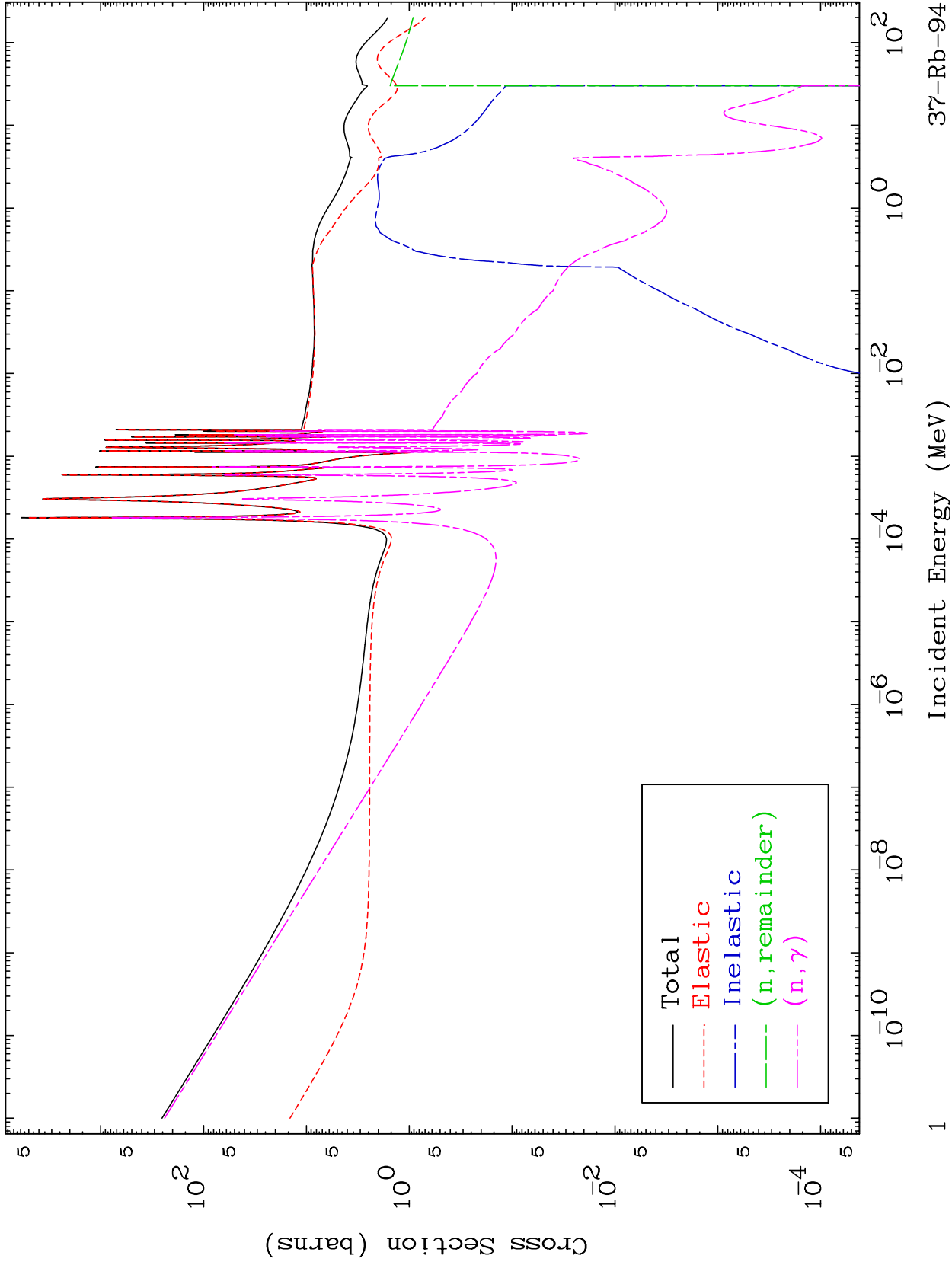
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3752

Major
293 Kelvin Cross Sections

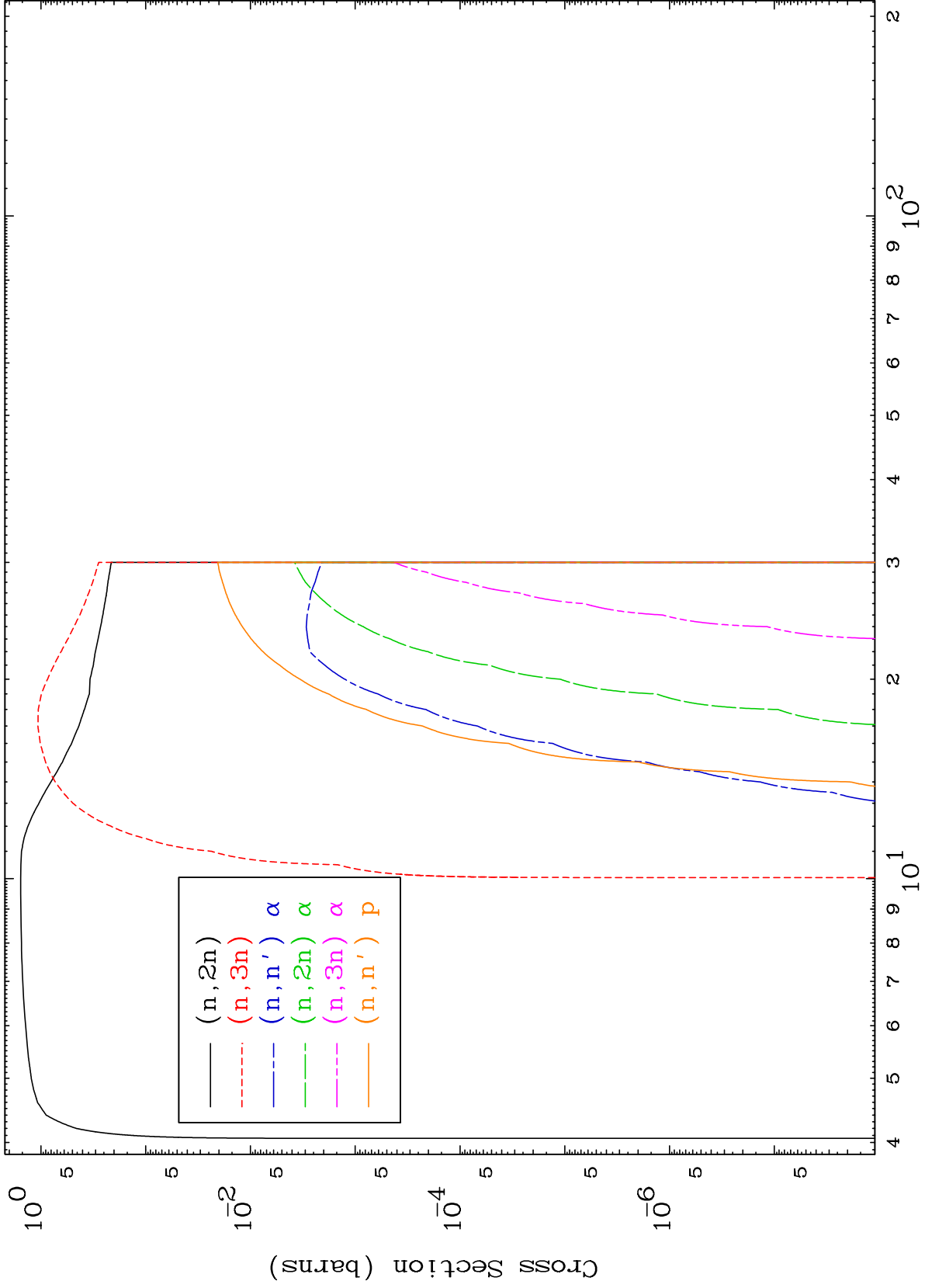
37-Rb-94



MAT 3752

Neutron Production
293 Kelvin Cross Sections

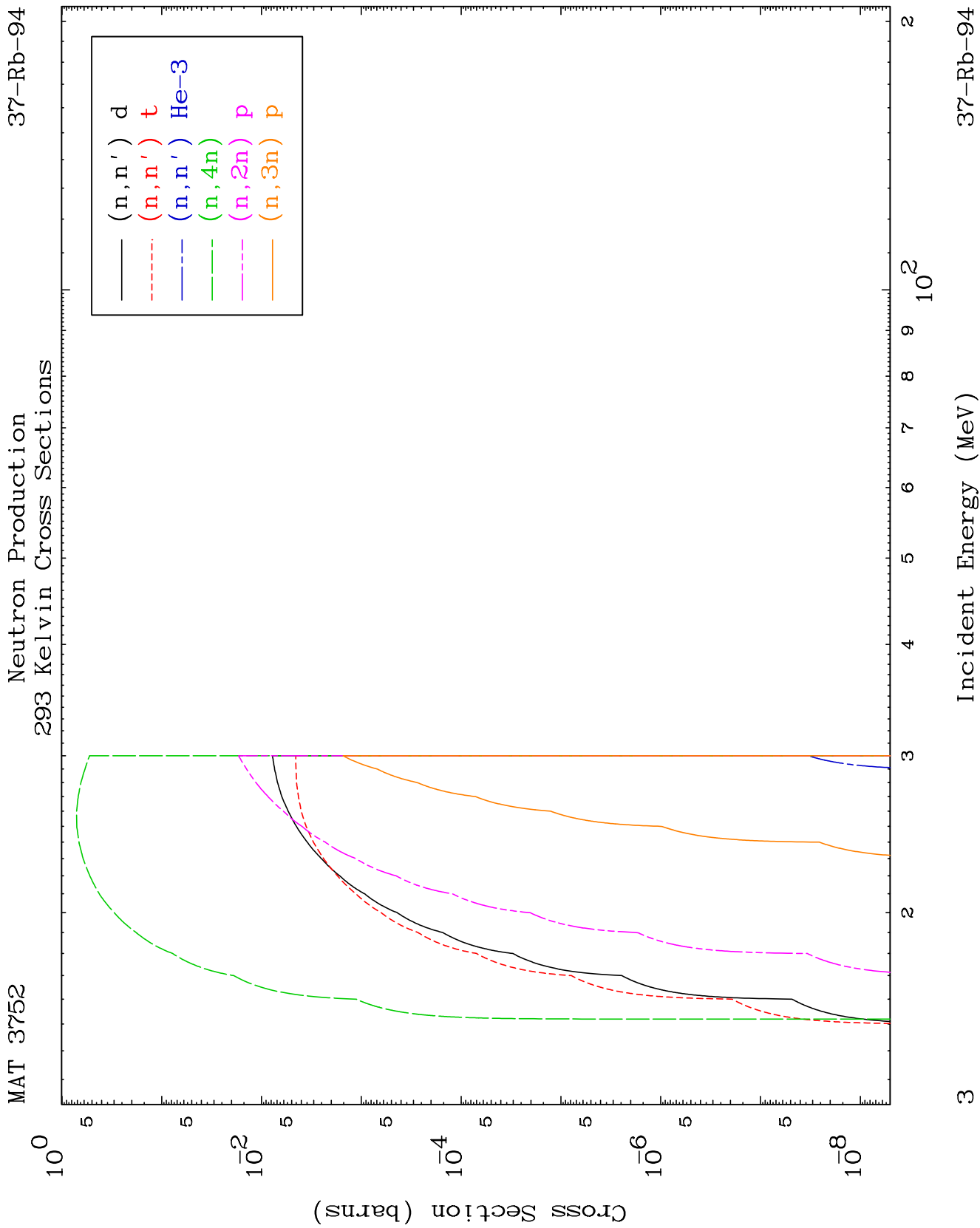
37-Rb-94



2

Incident Energy (MeV)

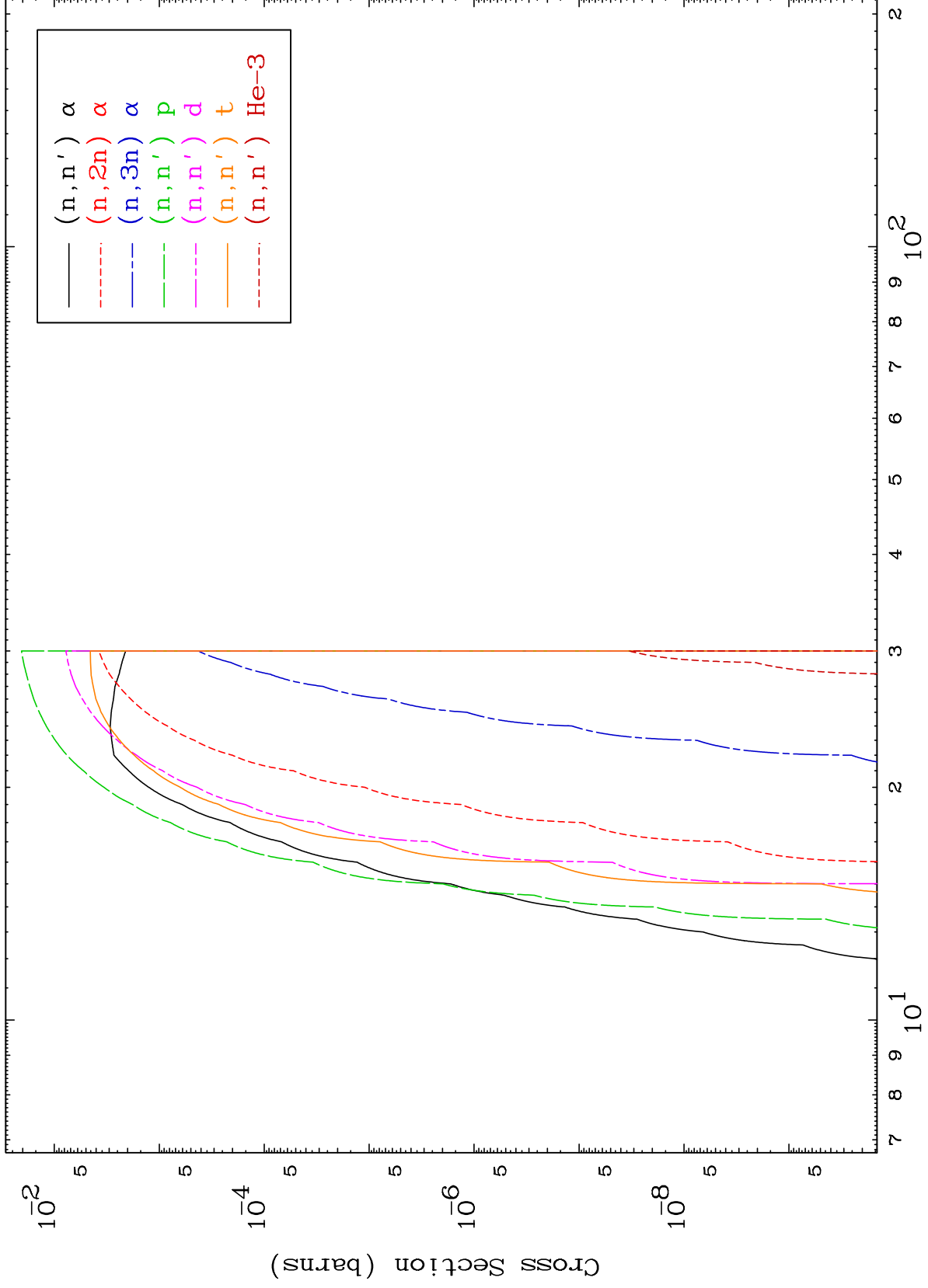
37-Rb-94



MAT 3752

Charged Particle
293 Kelvin Cross Sections

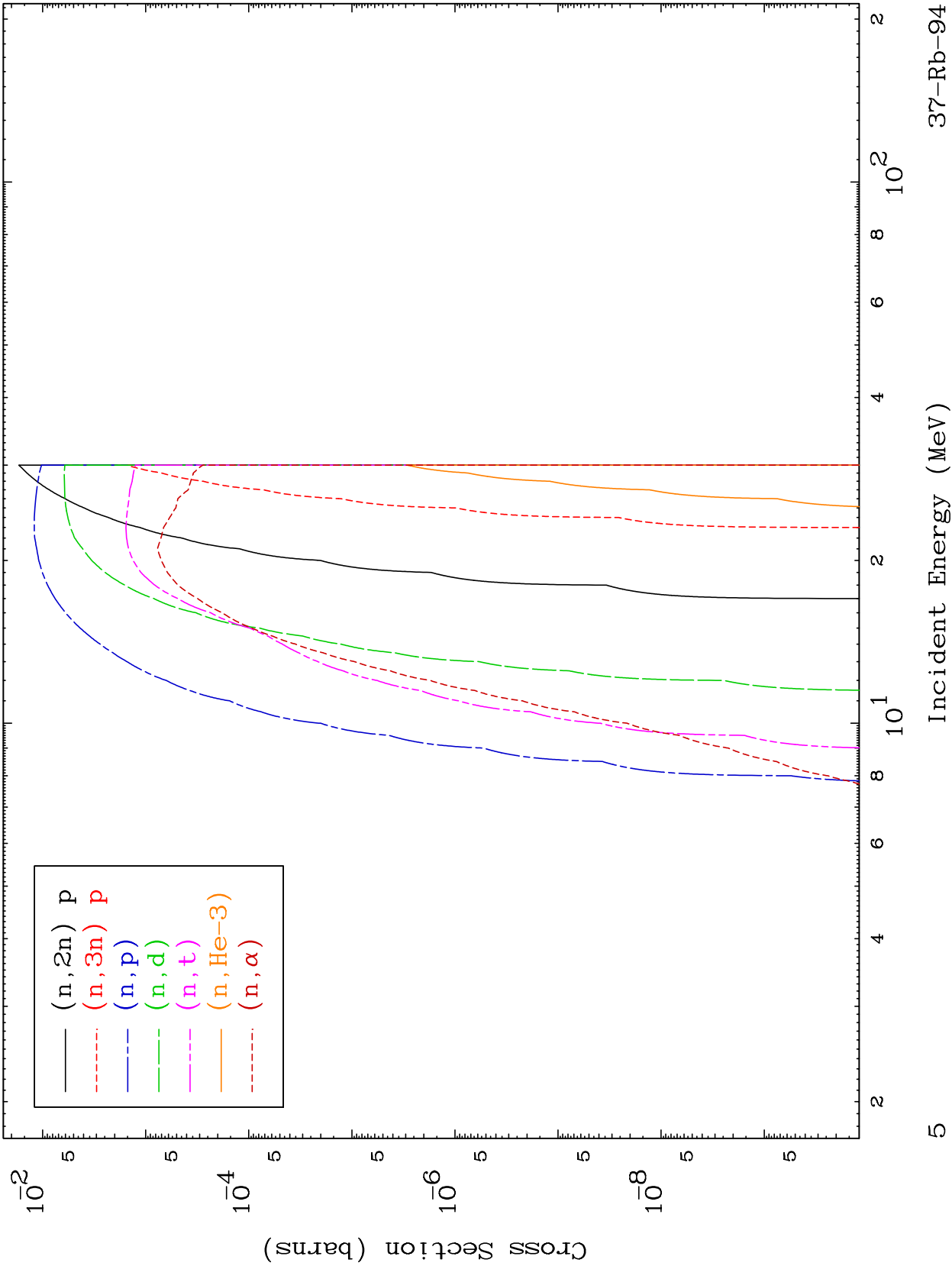
37-Rb-94



4

Incident Energy (MeV)

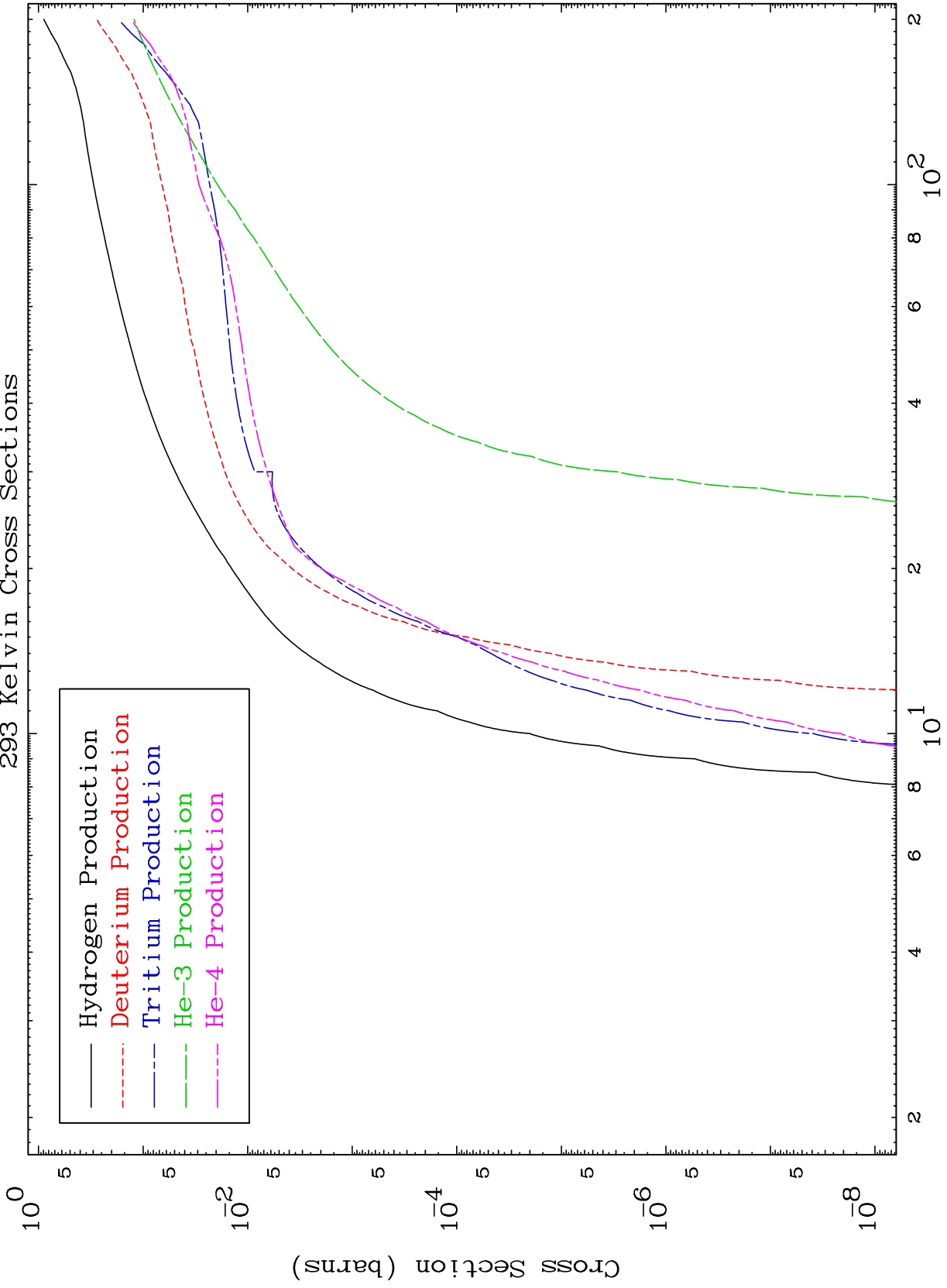
37-Rb-94



MAT 3752

Particle Production
293 Kelvin Cross Sections

37-Rb-94



Legend:
— Hydrogen Production
- - - Deuterium Production
- . - Tritium Production
- - - He-3 Production
- - - He-4 Production

6

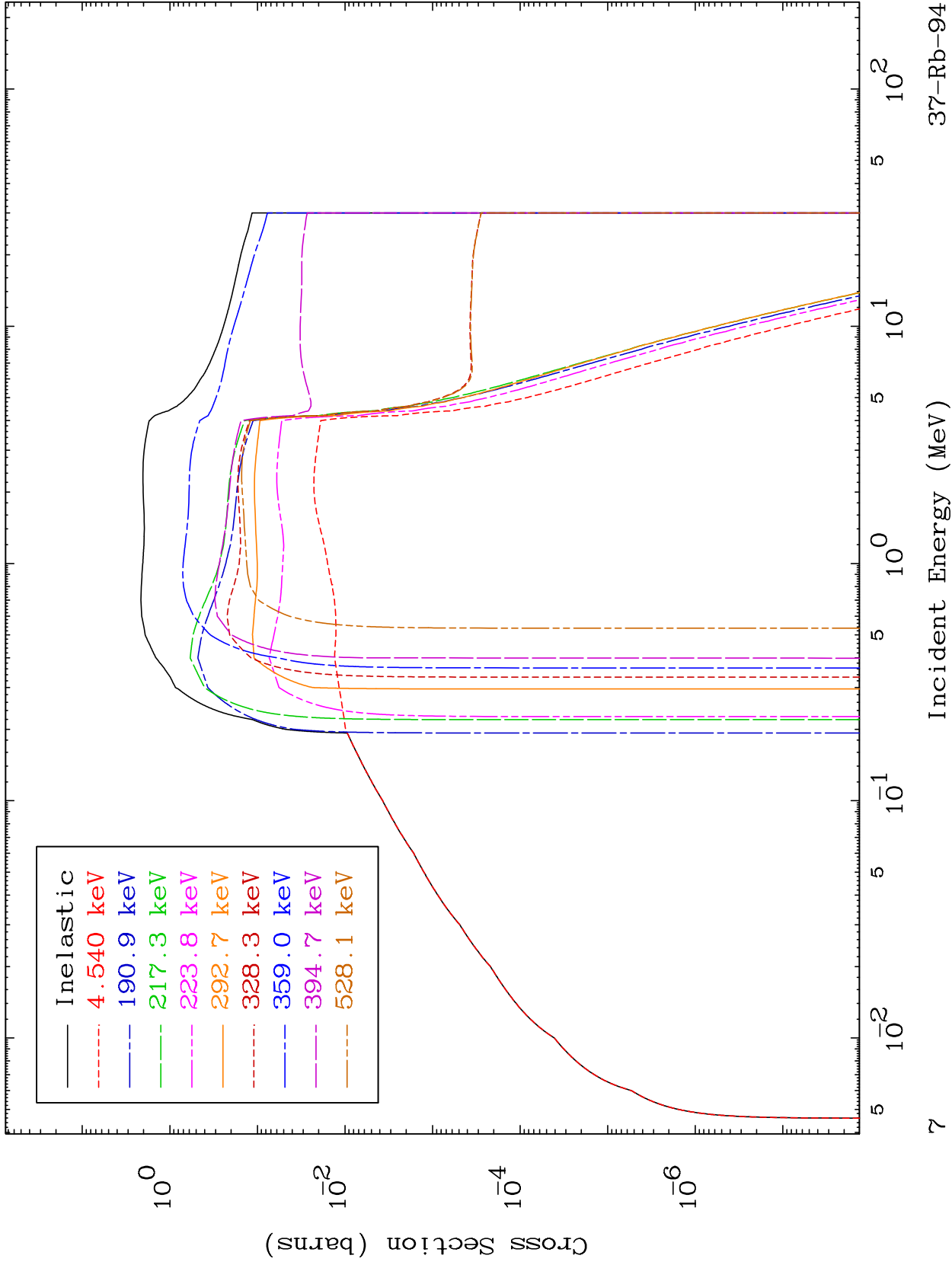
Incident Energy (MeV)

37-Rb-94

MAT 3752

(n,n') Level
293 Kelvin Cross Sections

37-Rb-94



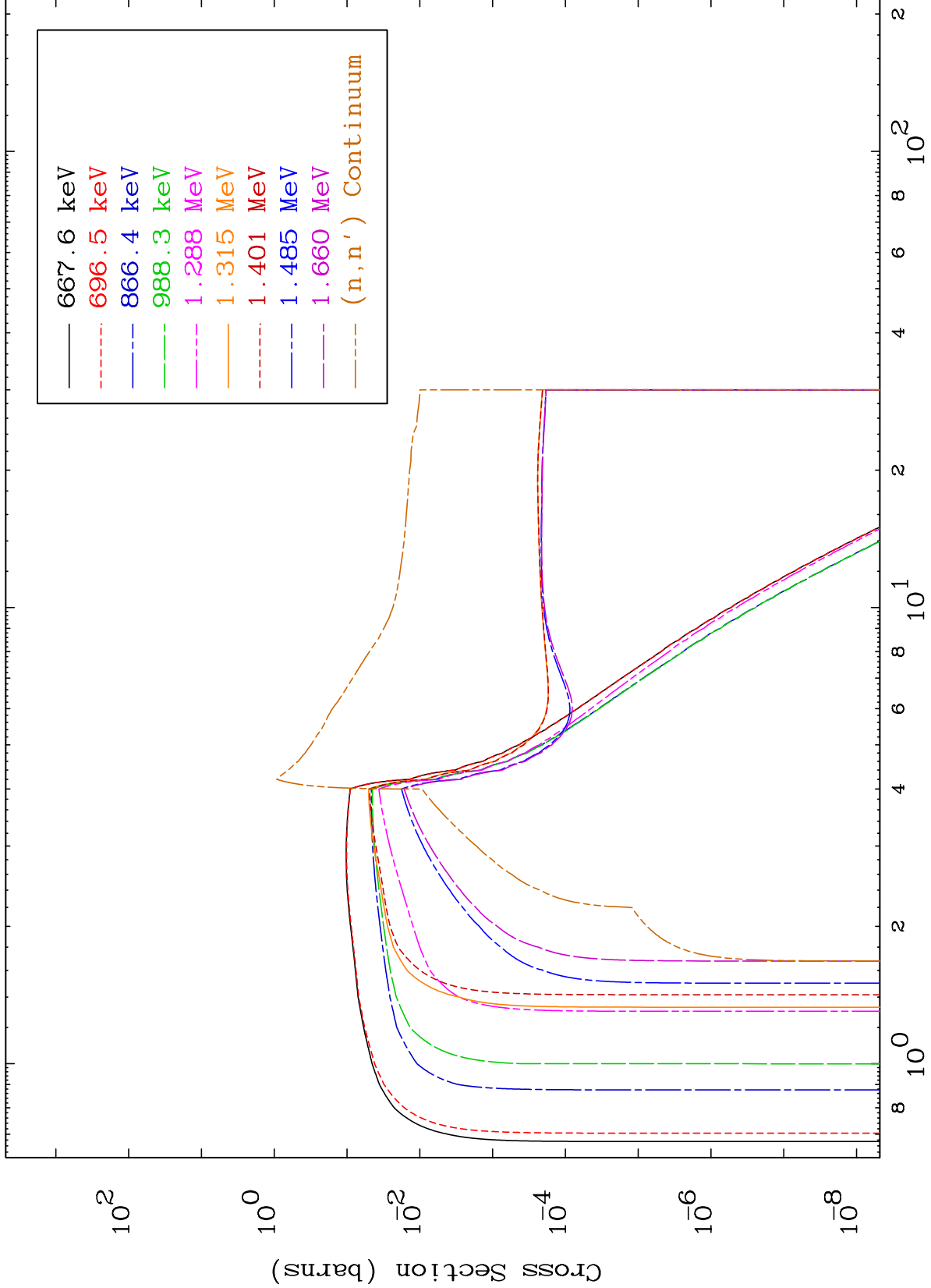
7

37-Rb-94

MAT 3752

(n,n') Level
293 Kelvin Cross Sections

37-Rb-94



8

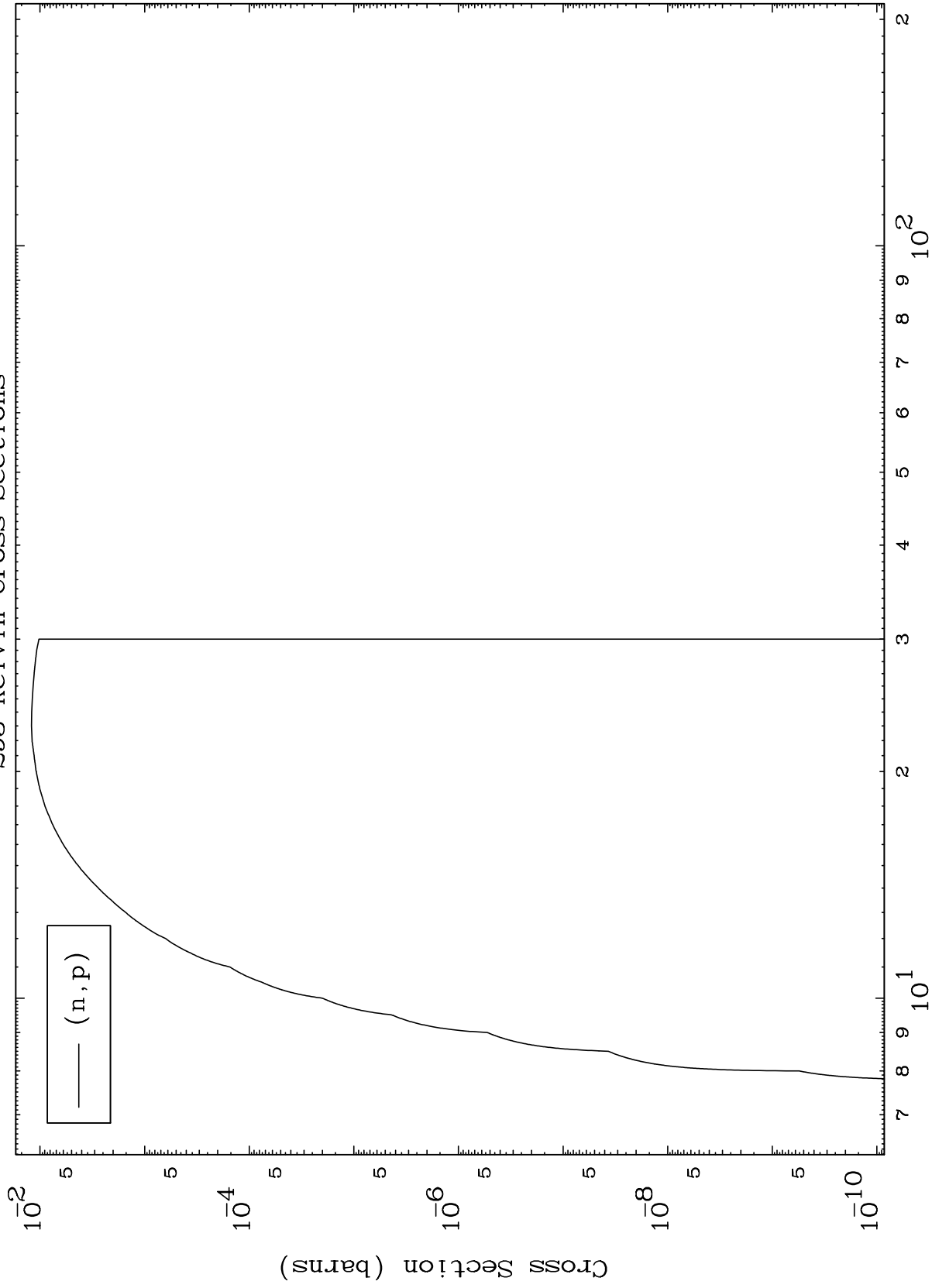
Incident Energy (MeV)

37-Rb-94

MAT 3752

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-94



9

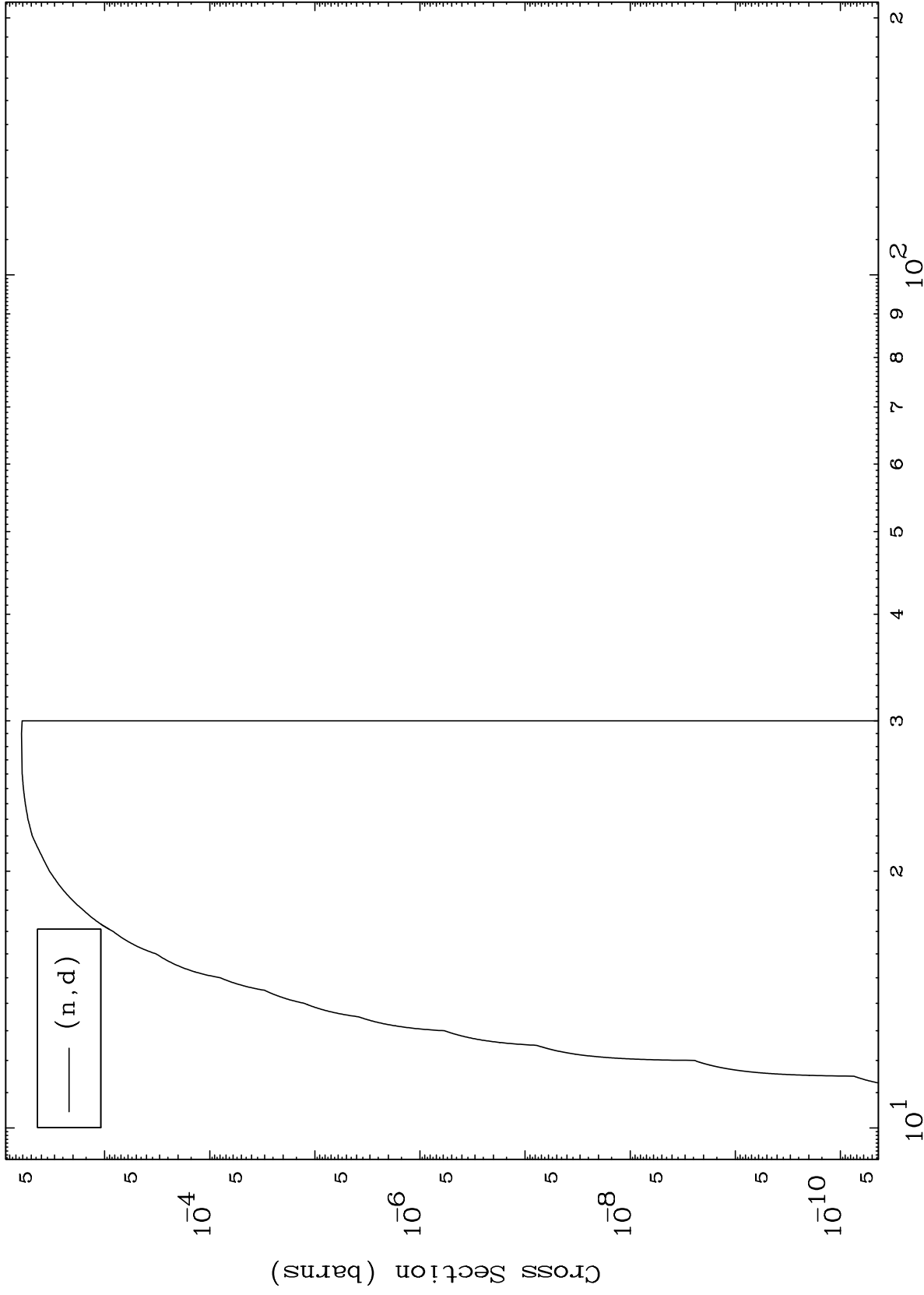
Incident Energy (MeV)

37-Rb-94

MAT 3752

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-94



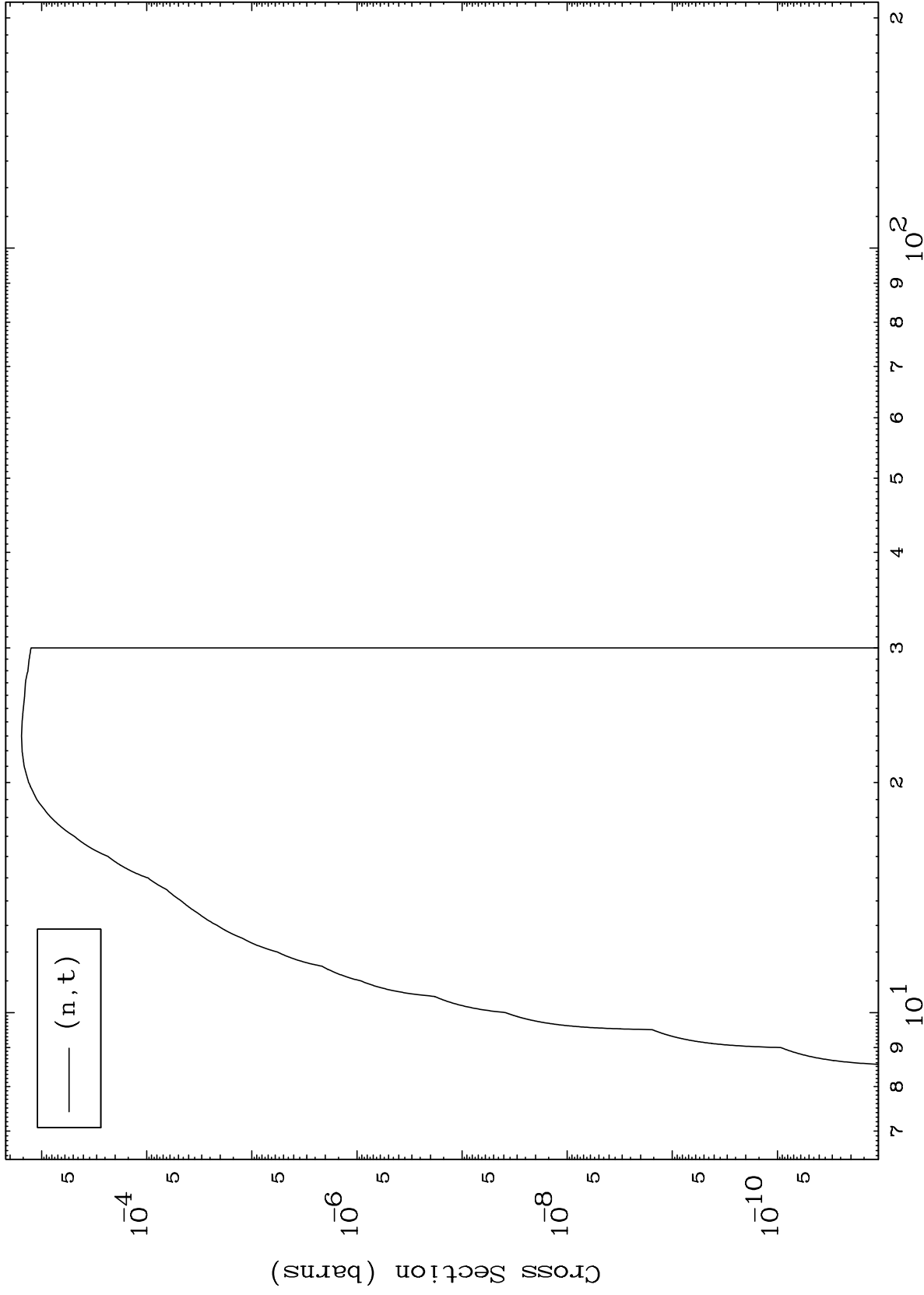
Incident Energy (MeV)

37-Rb-94

MAT 3752

(n,t) Levels
293 Kelvin Cross Sections

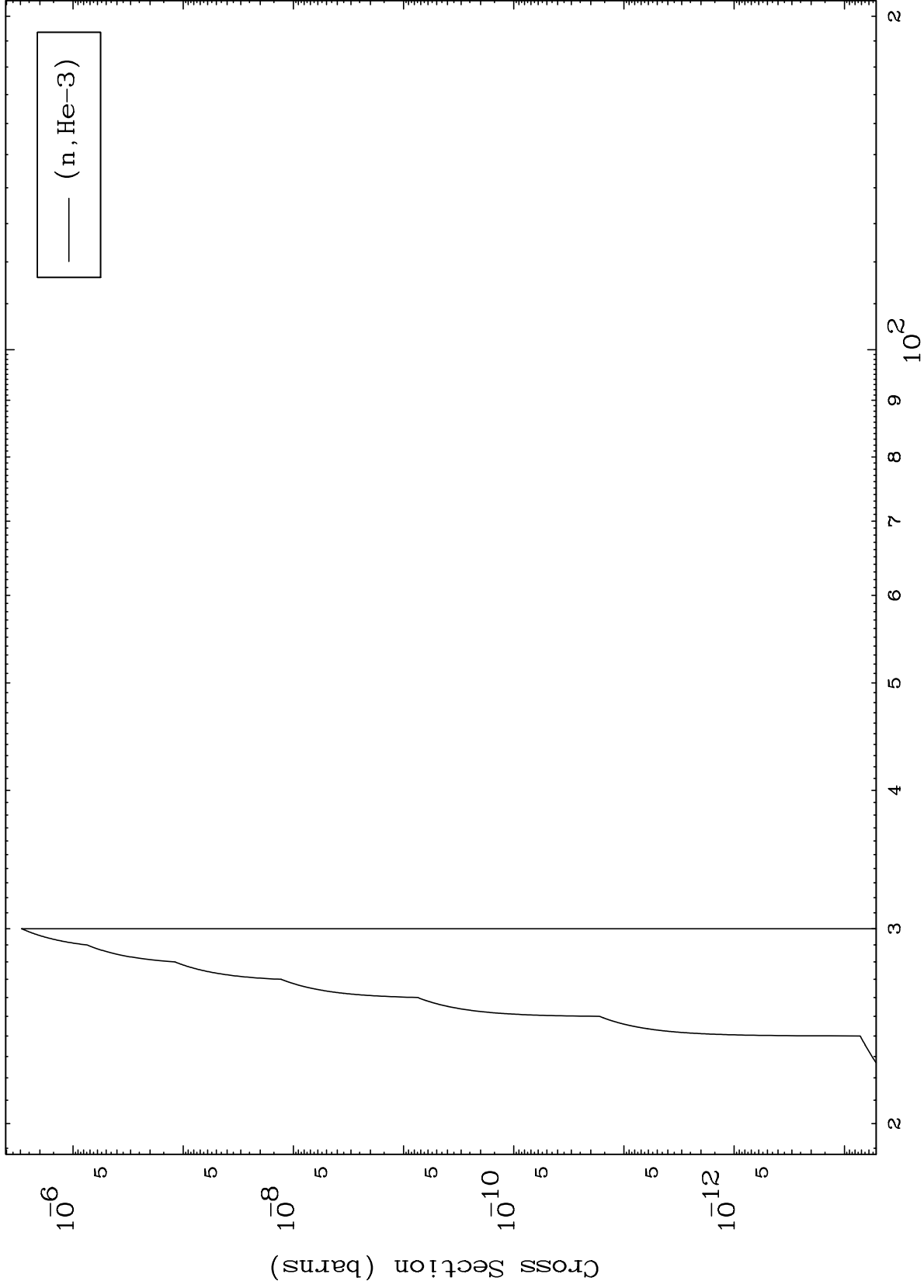
37-Rb-94



MAT 3752

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-94



12

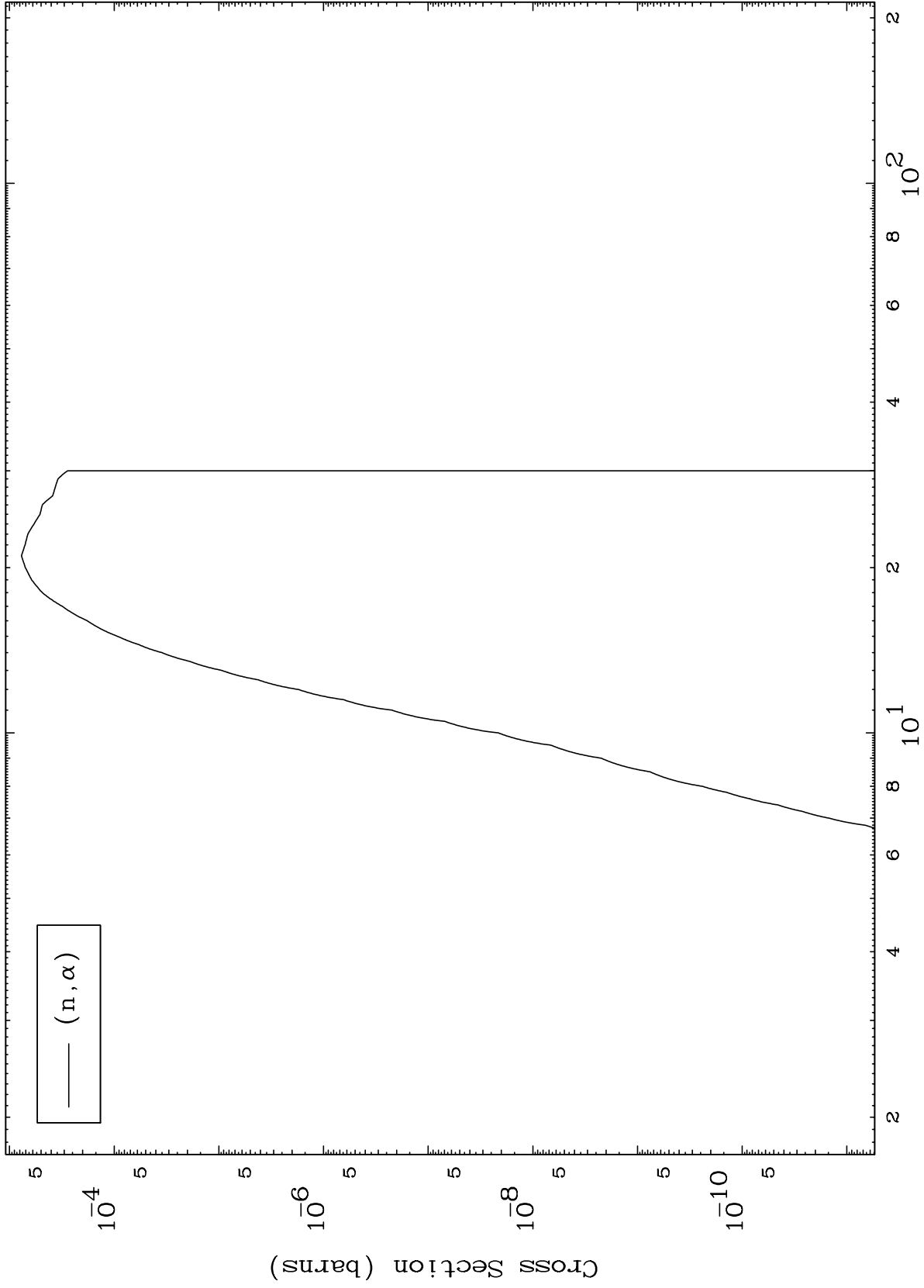
Incident Energy (MeV)

37-Rb-94

MAT 3752

(n, α) Levels
293 Kelvin Cross Sections

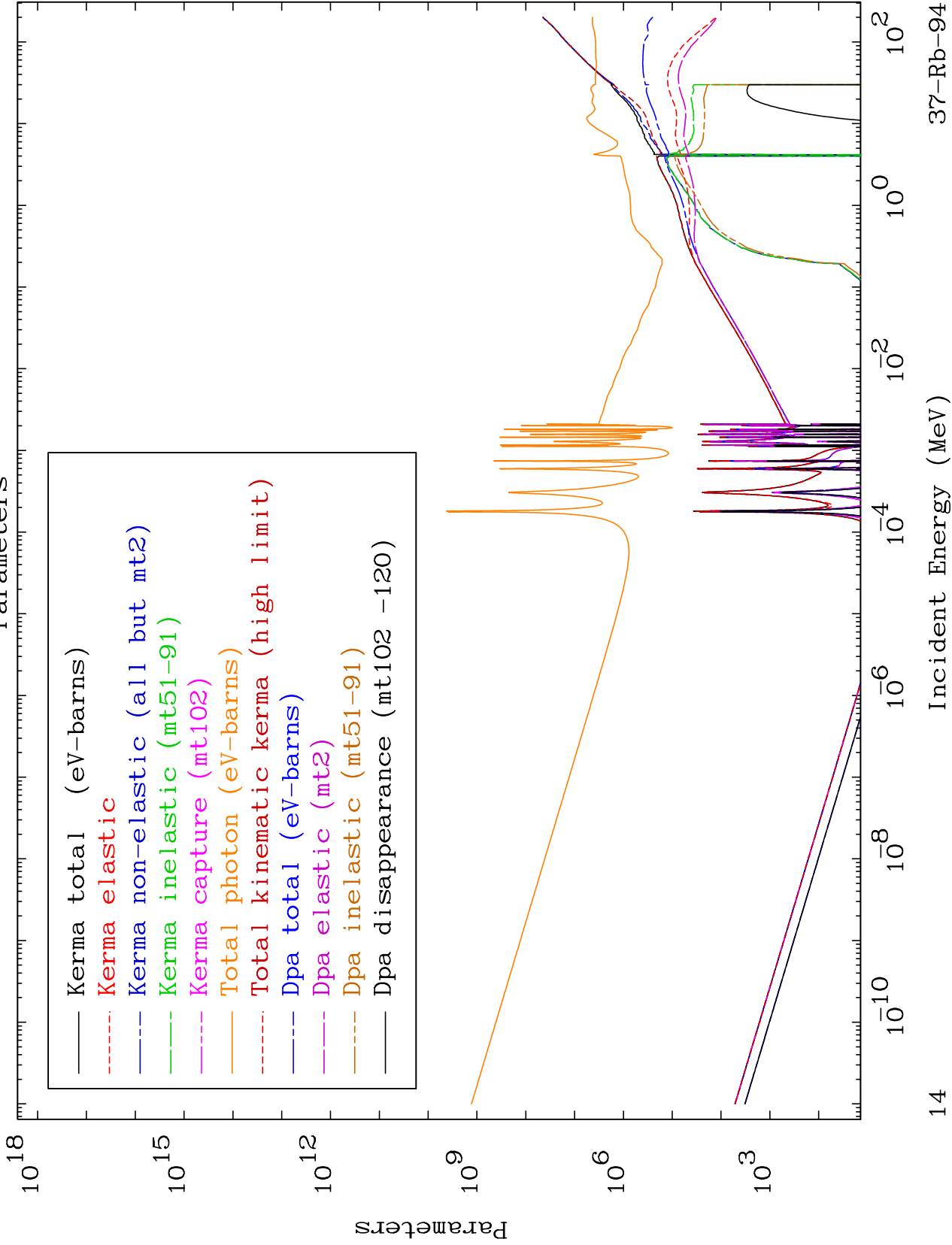
37-Rb-94



13

Incident Energy (MeV)

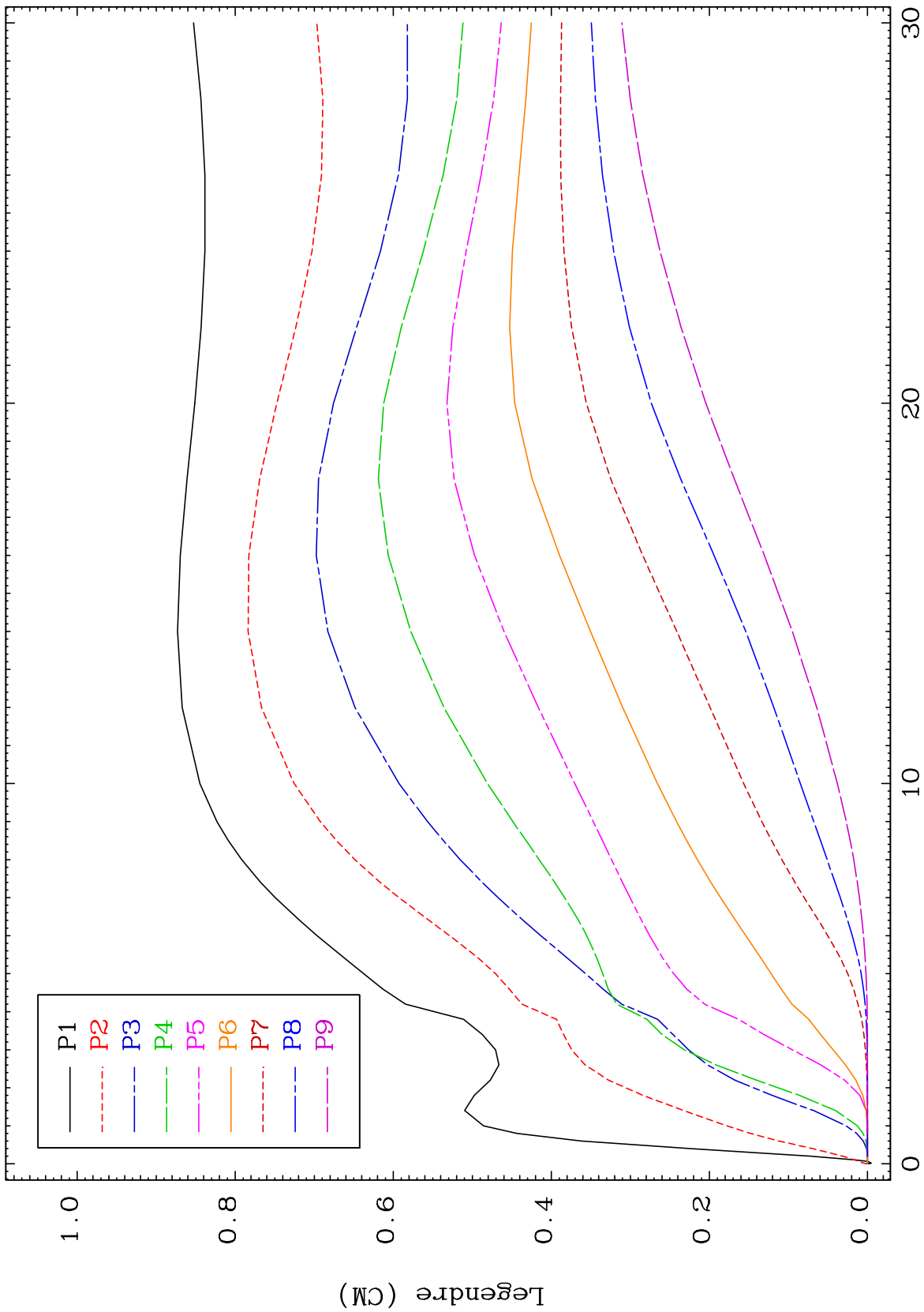
37-Rb-94



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Elastic Legendre Coefficients

³⁷Rb-94



15

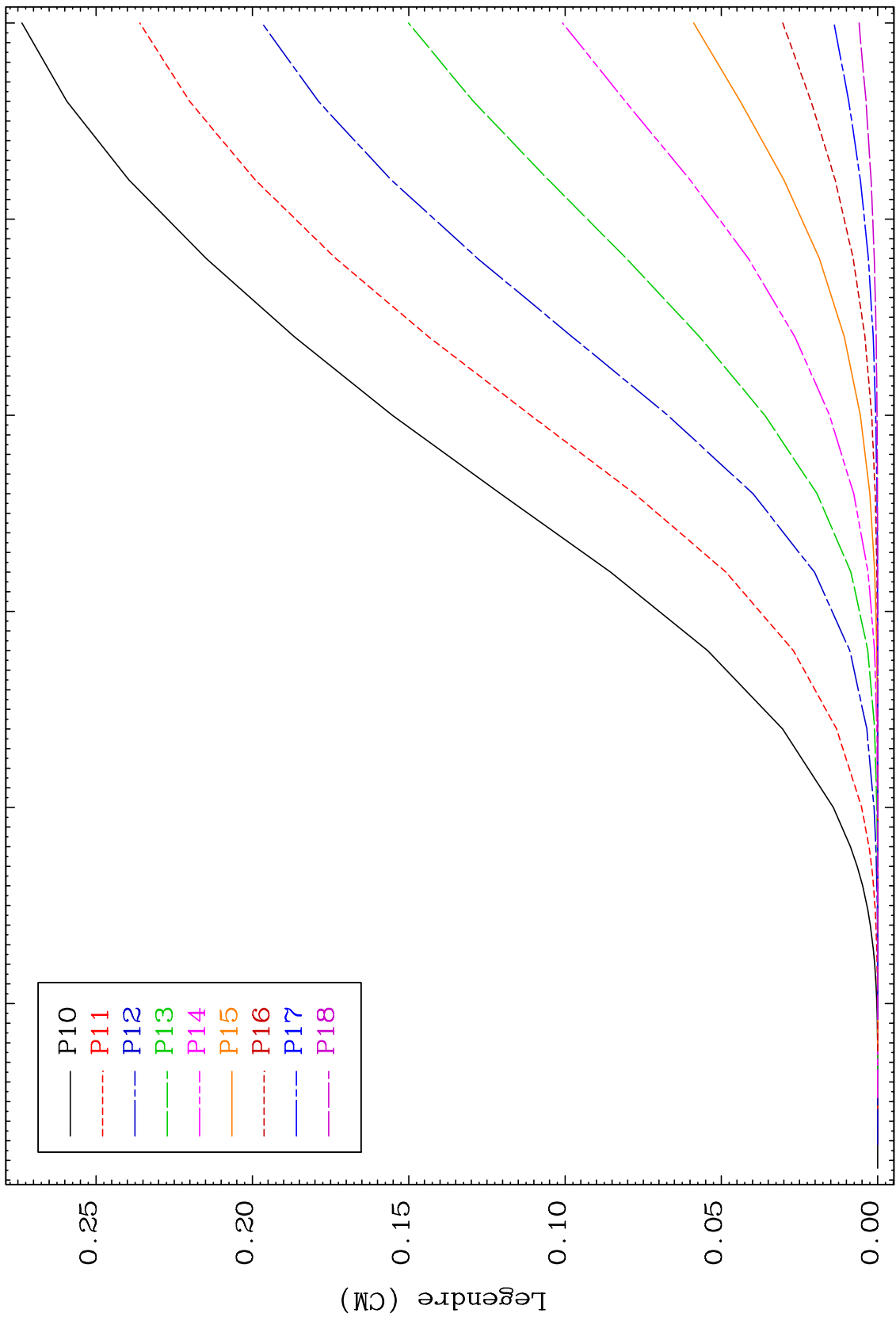
Incident Energy (MeV)

³⁷Rb-94

MAT 3752

Elastic Legendre Coefficients

³⁷Rb-94



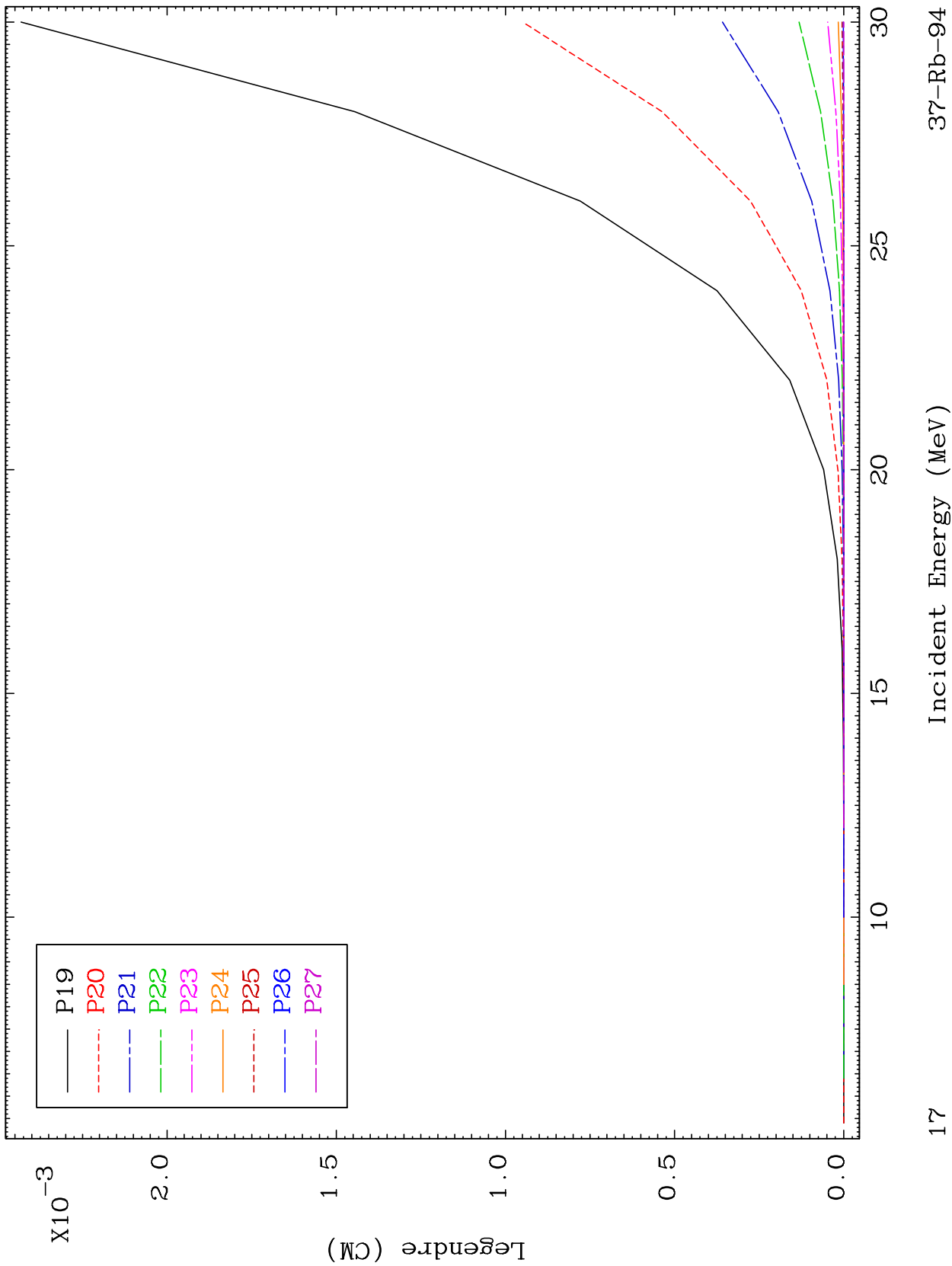
16

³⁷Rb-94

MAT 3752

Elastic Legendre Coefficients

37-Rb-94



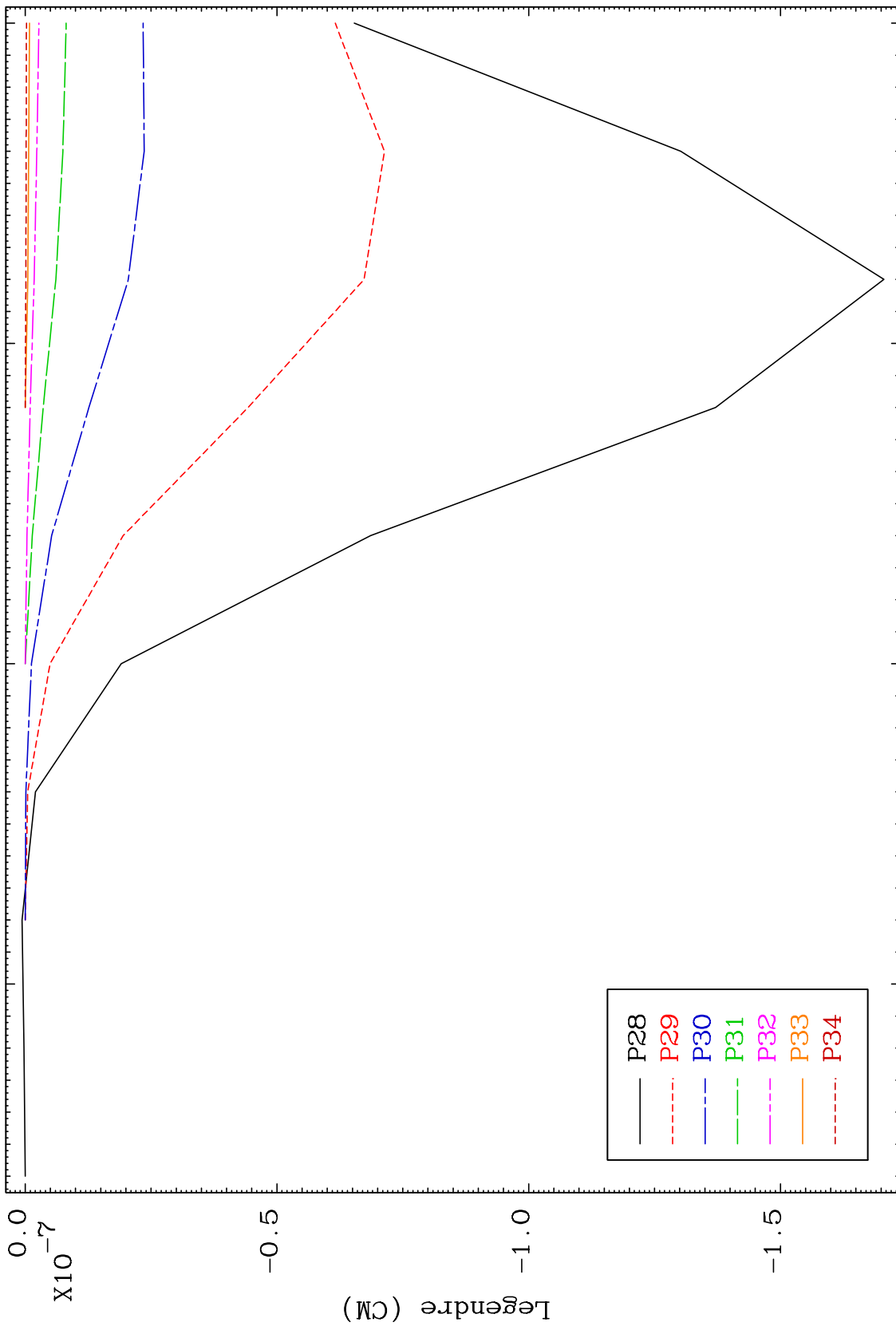
17

37-Rb-94

MAT 3752

37-Rb-94

Elastic Legendre Coefficients



18

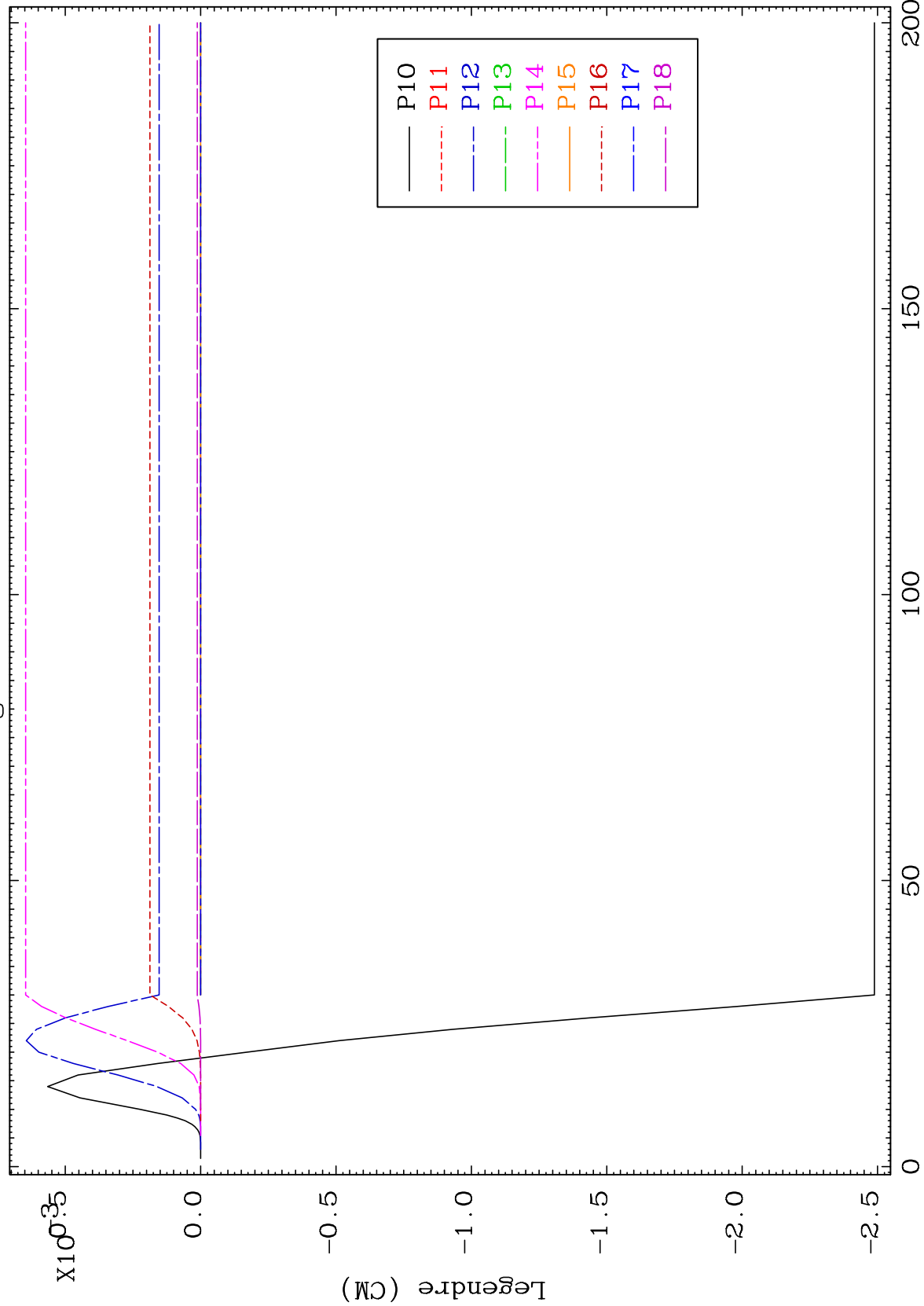
Incident Energy (MeV)

37-Rb-94

MAT 3752

4.540 keV (n,n') Level
Legendre Coefficients

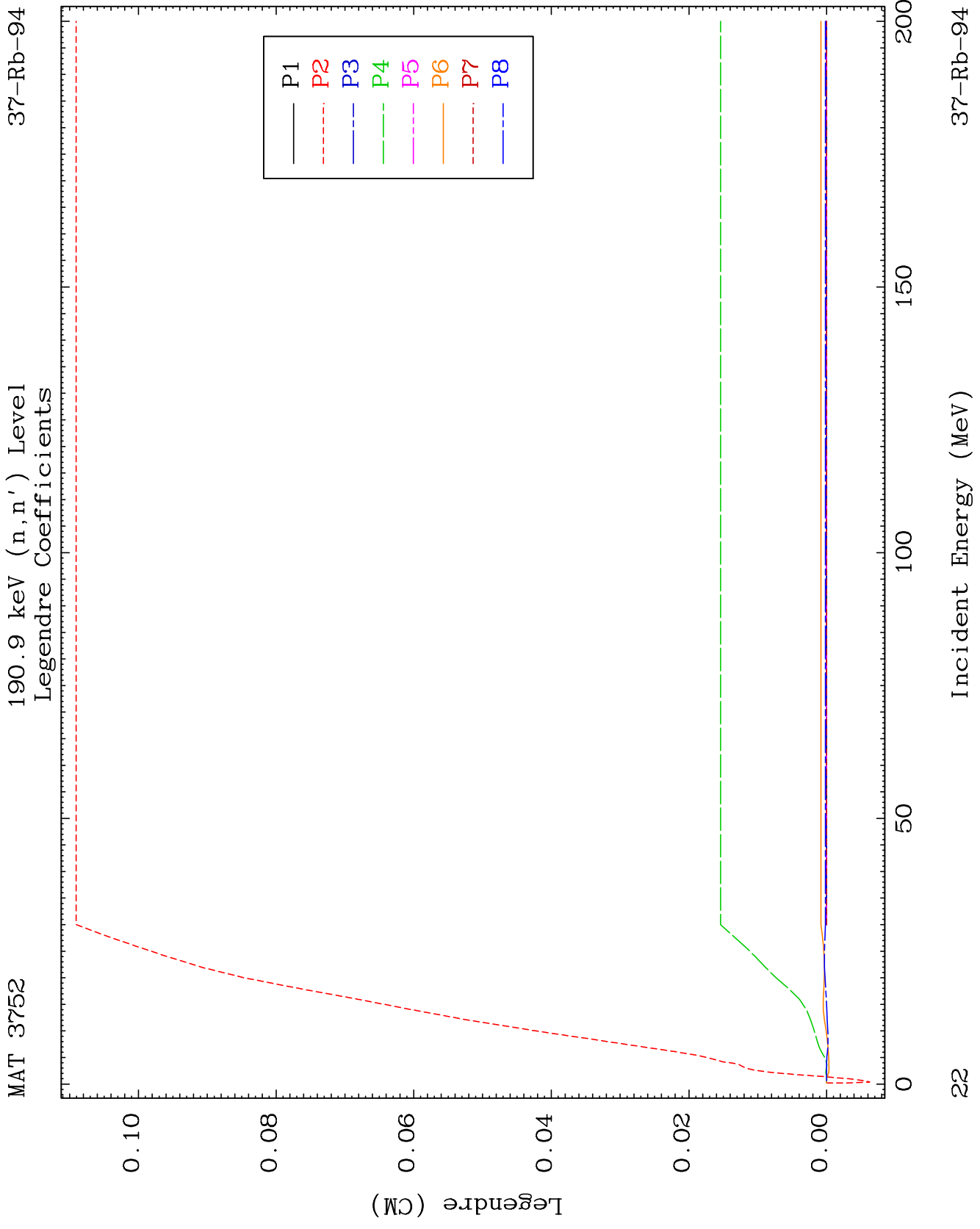
37-Rb-94

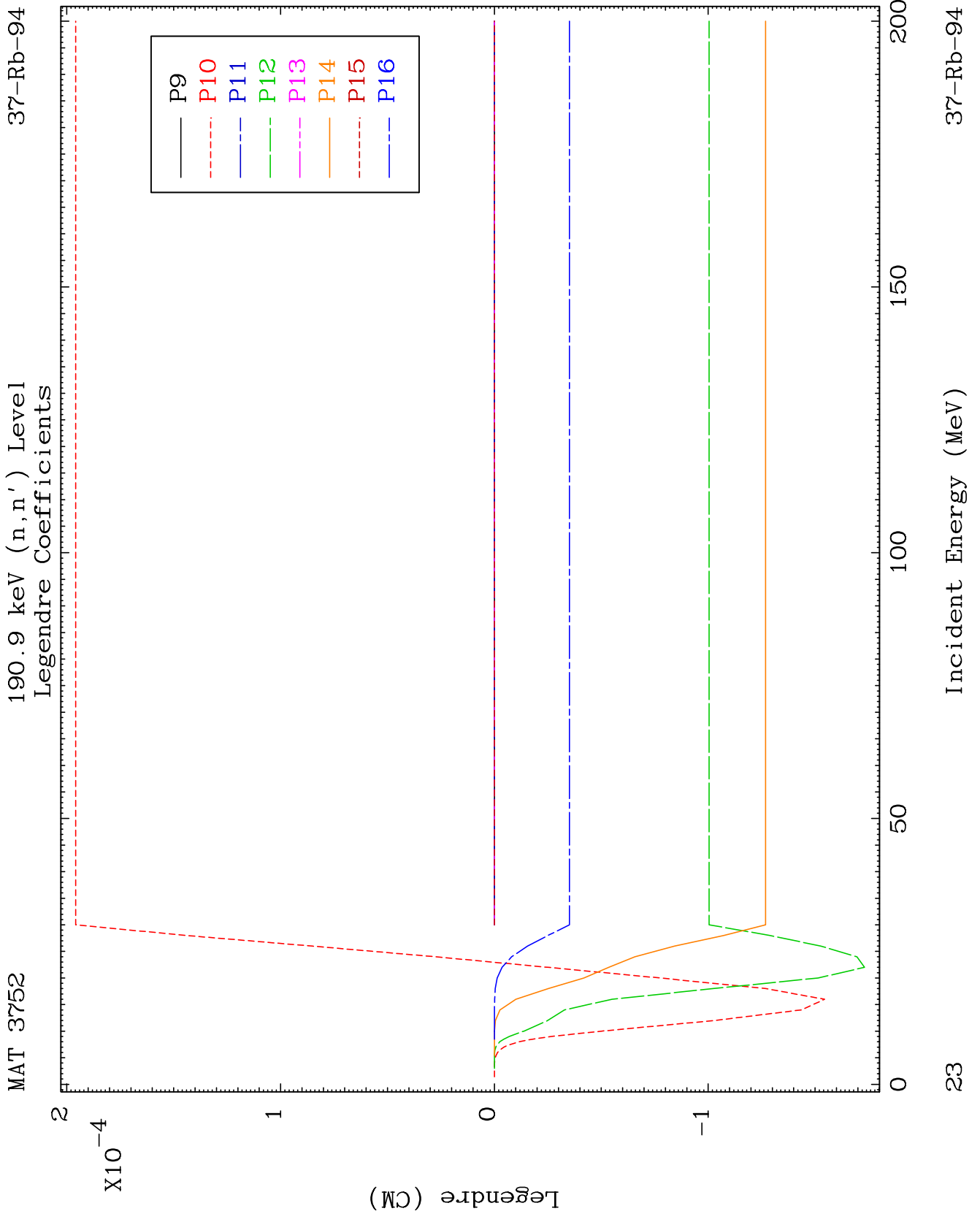


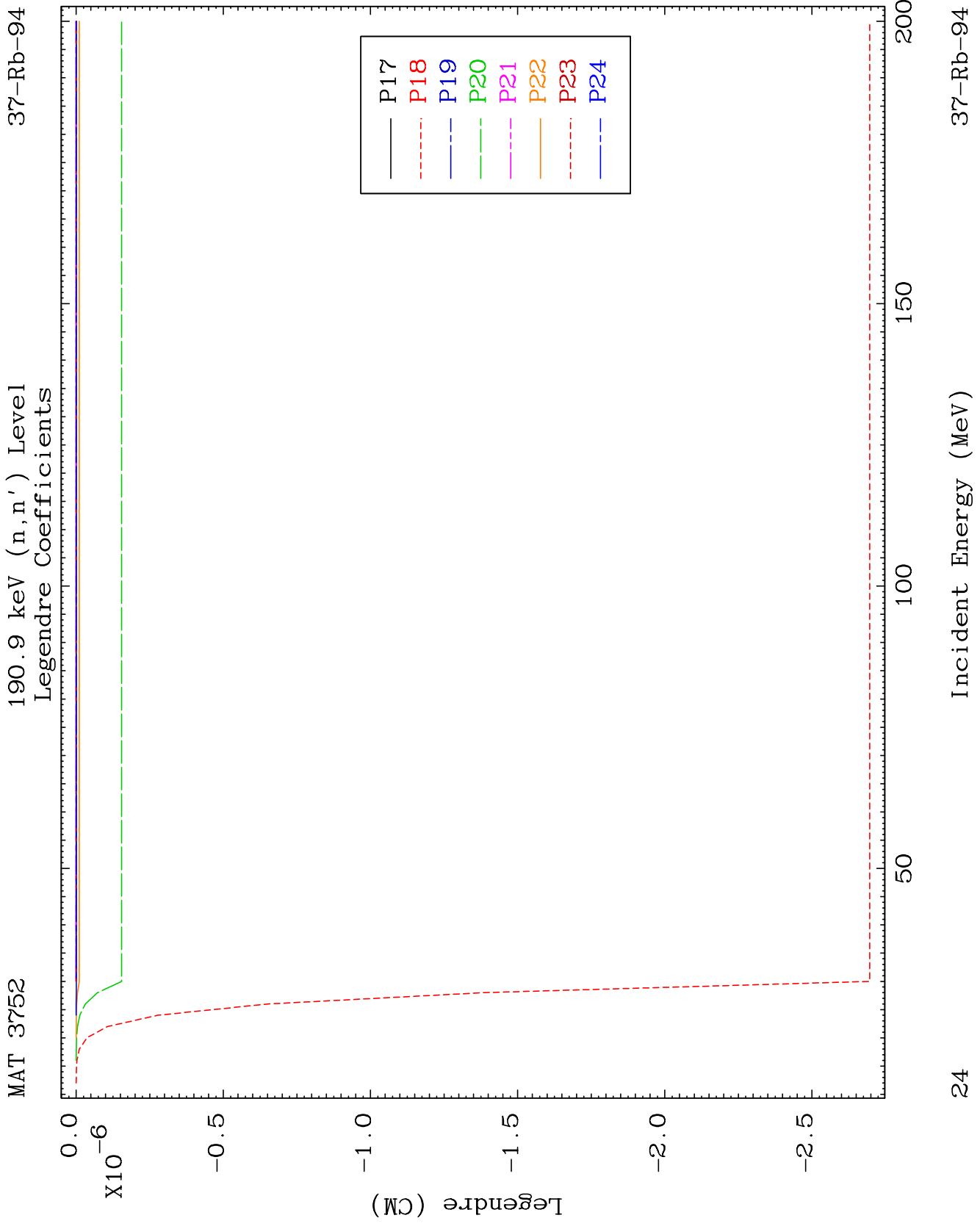
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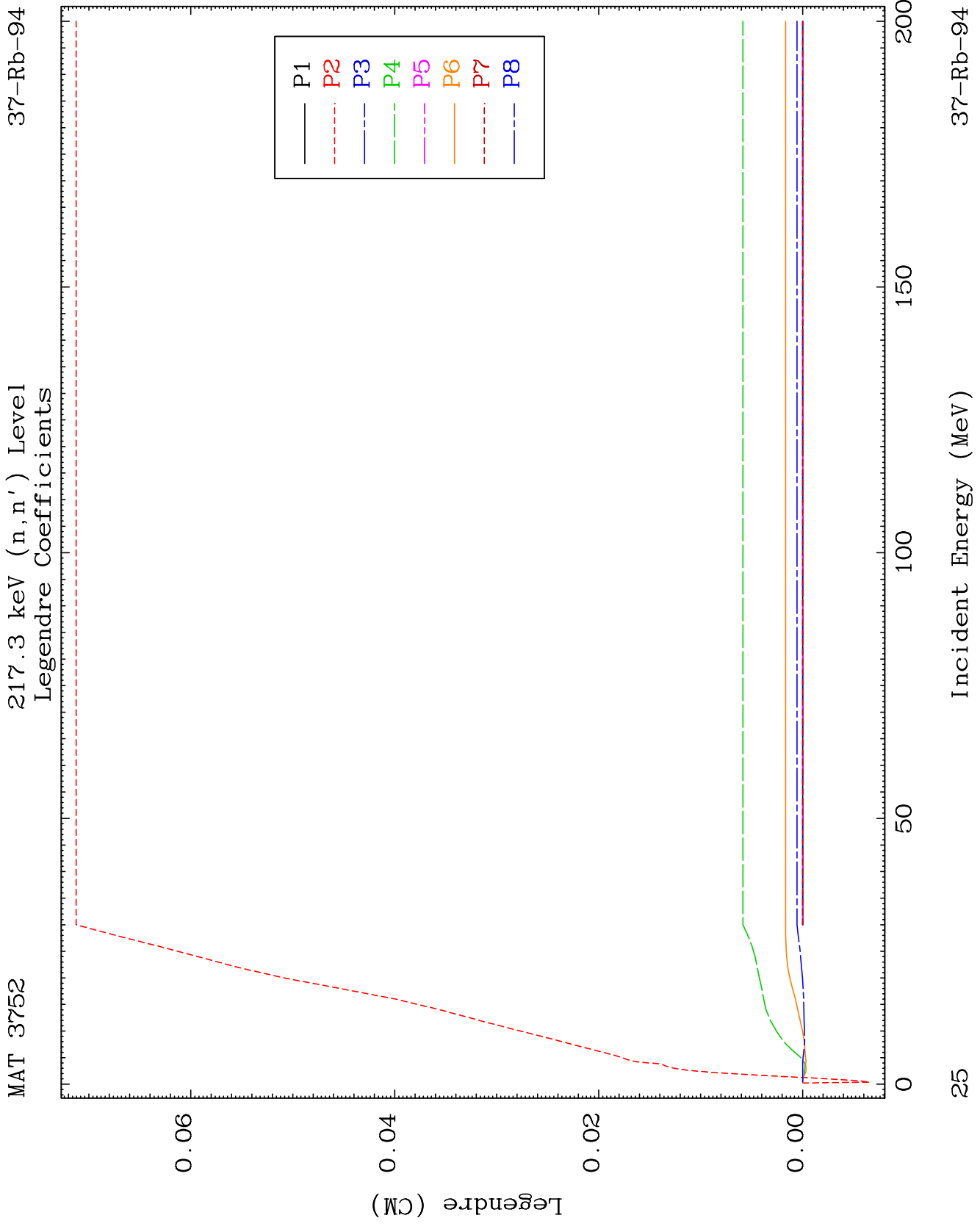
Incident Energy (MeV)

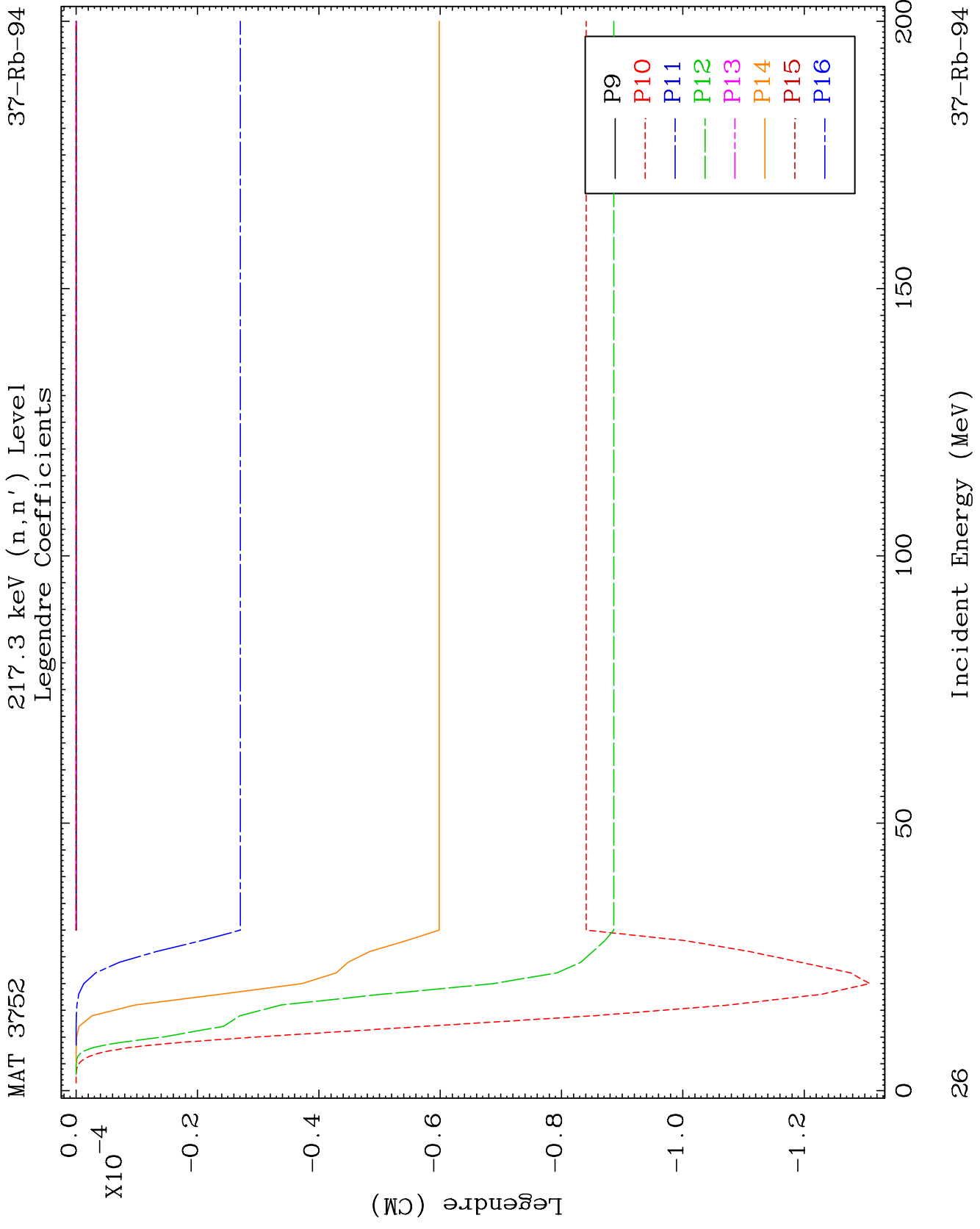
37-Rb-94

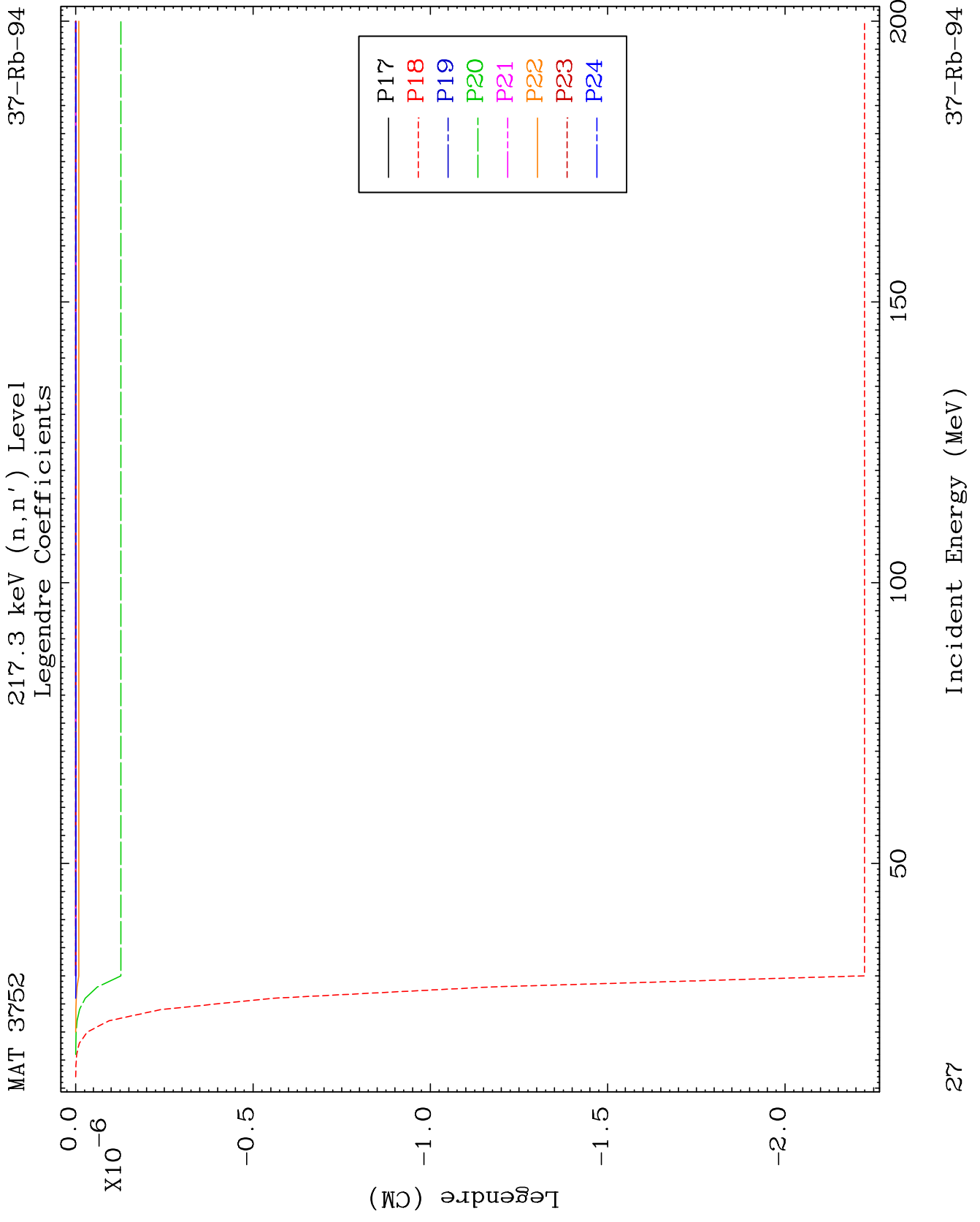


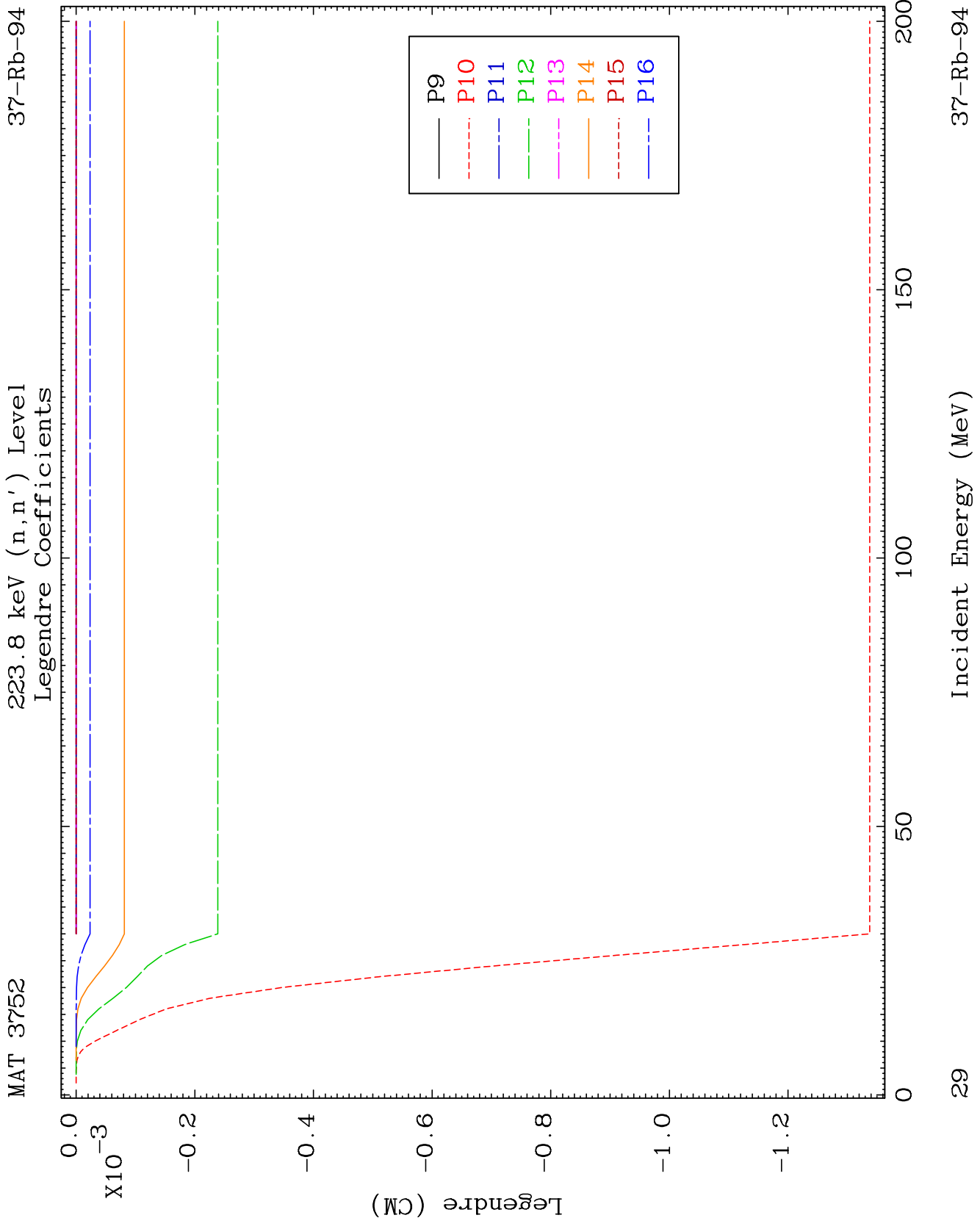


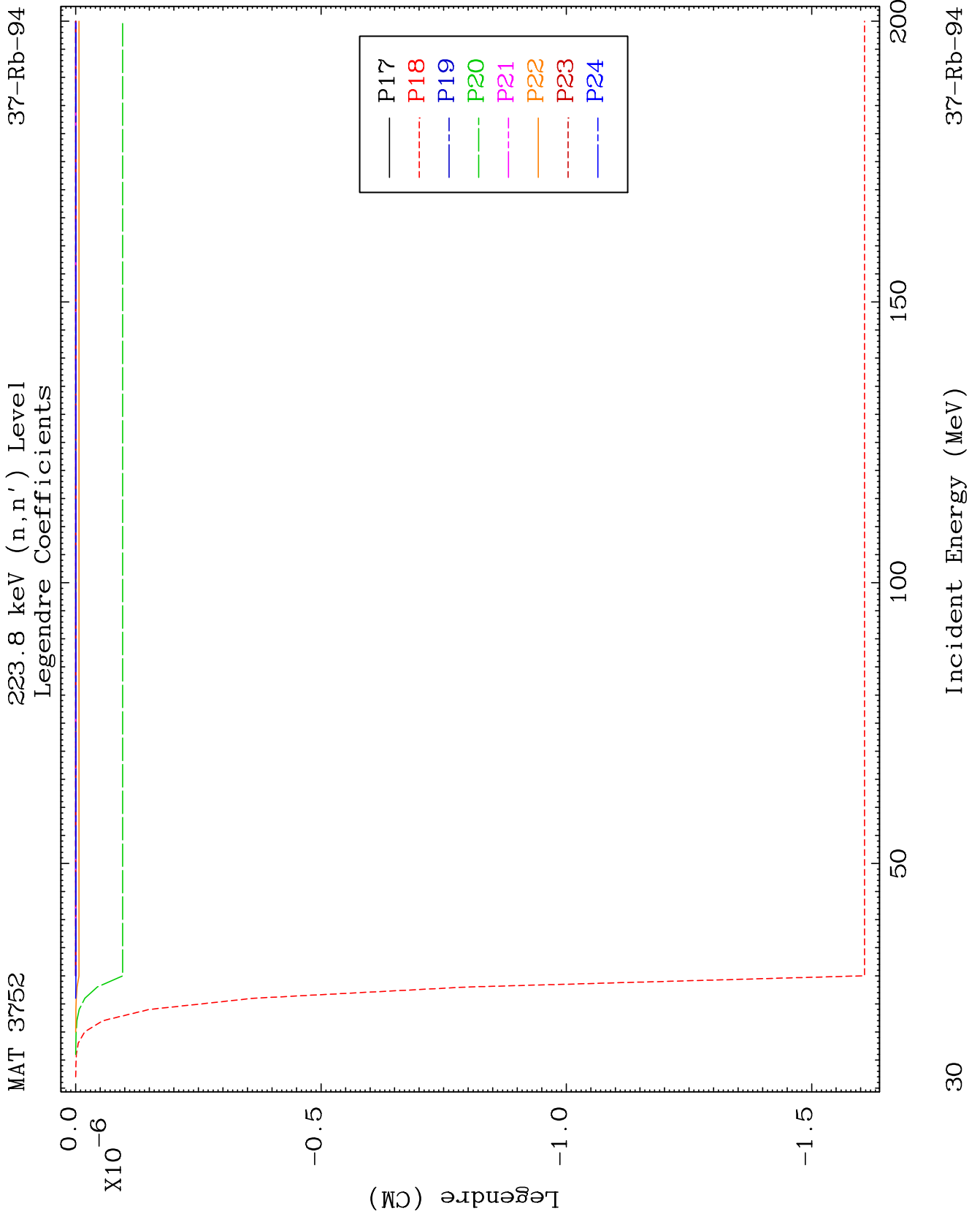








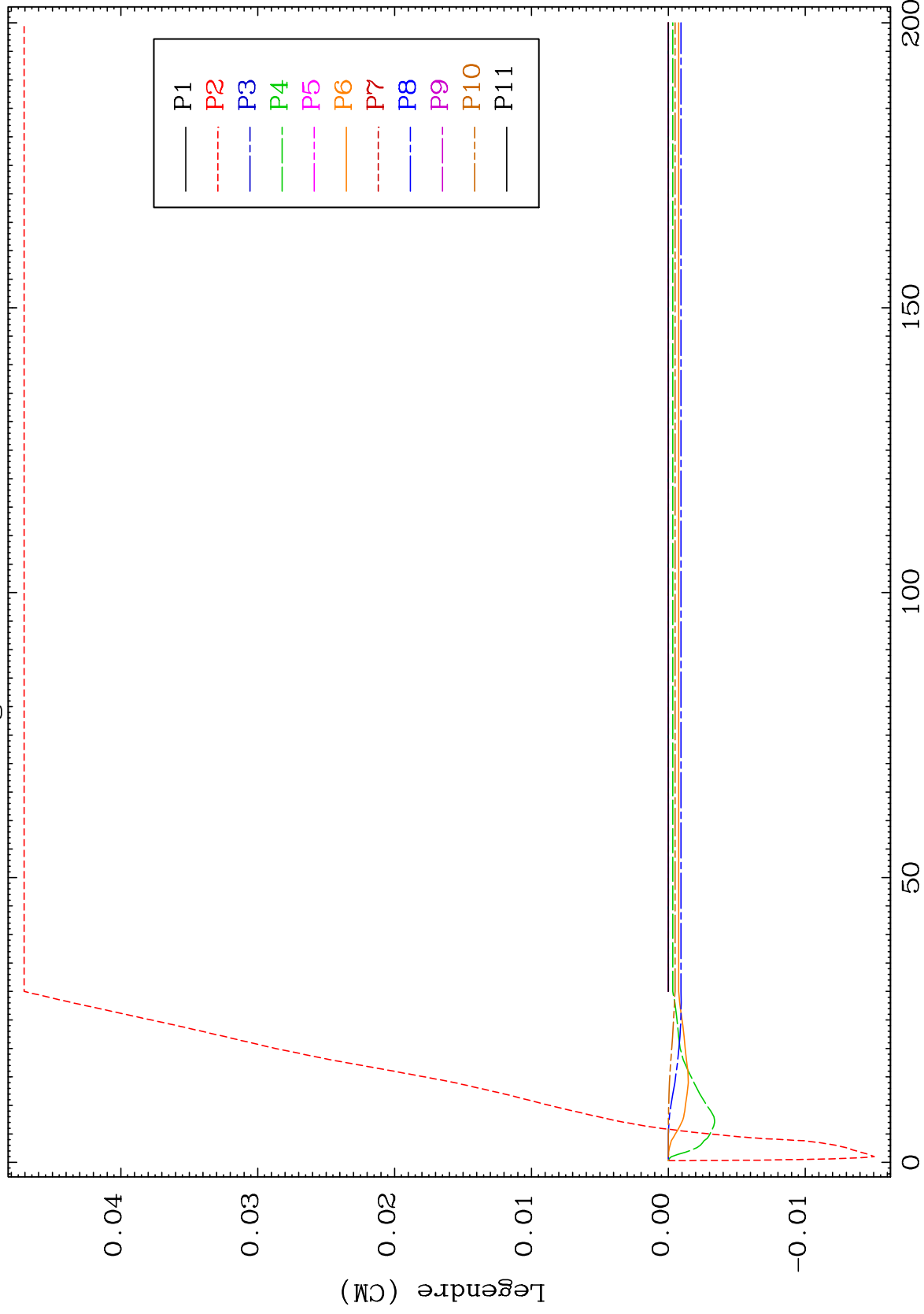




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292.7 keV (n,n') Level
Legendre Coefficients

37-Rb-94



31

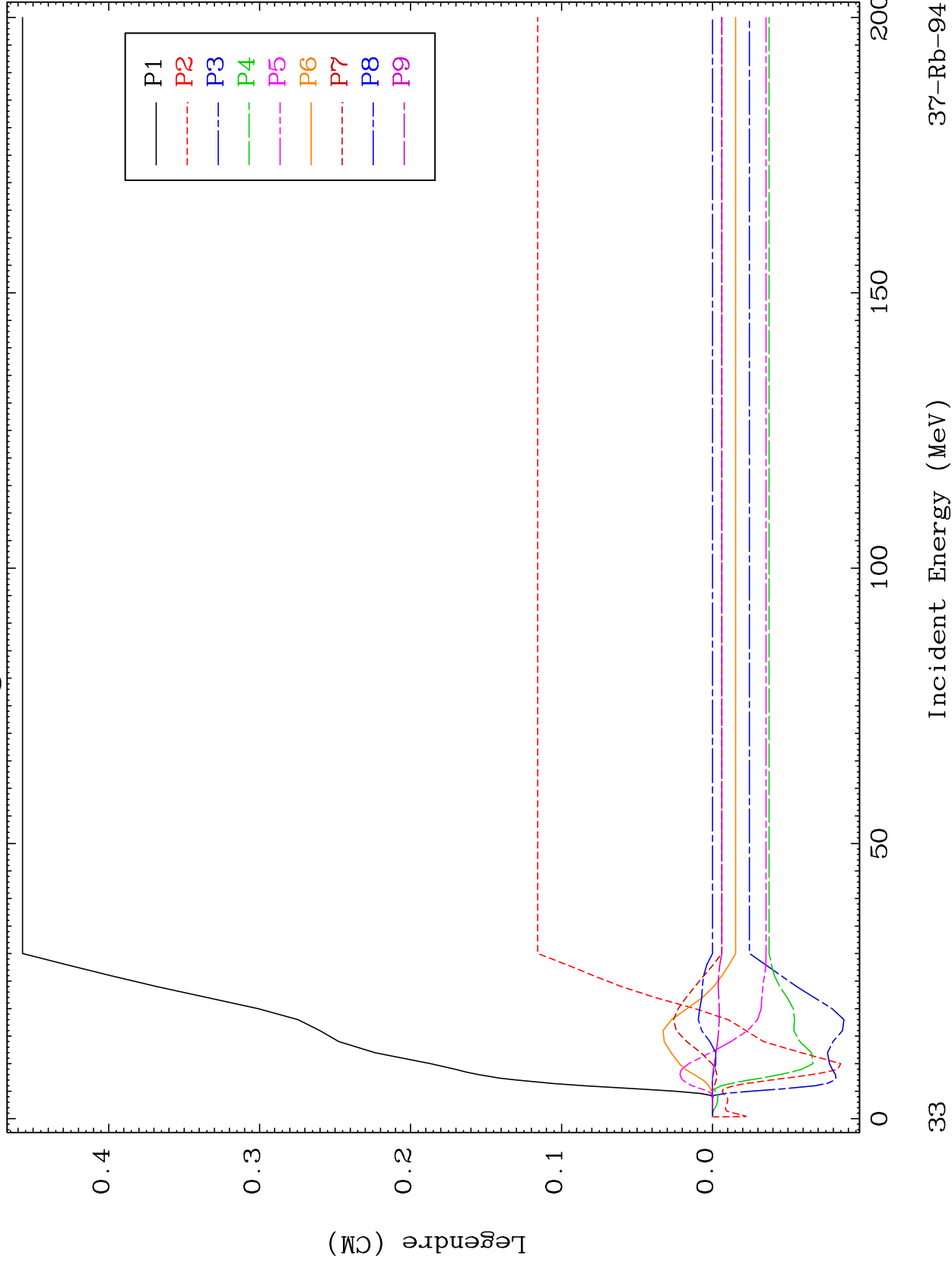
Incident Energy (MeV)

37-Rb-94

MAT 3752

328.3 keV (n,n') Level
Legendre Coefficients

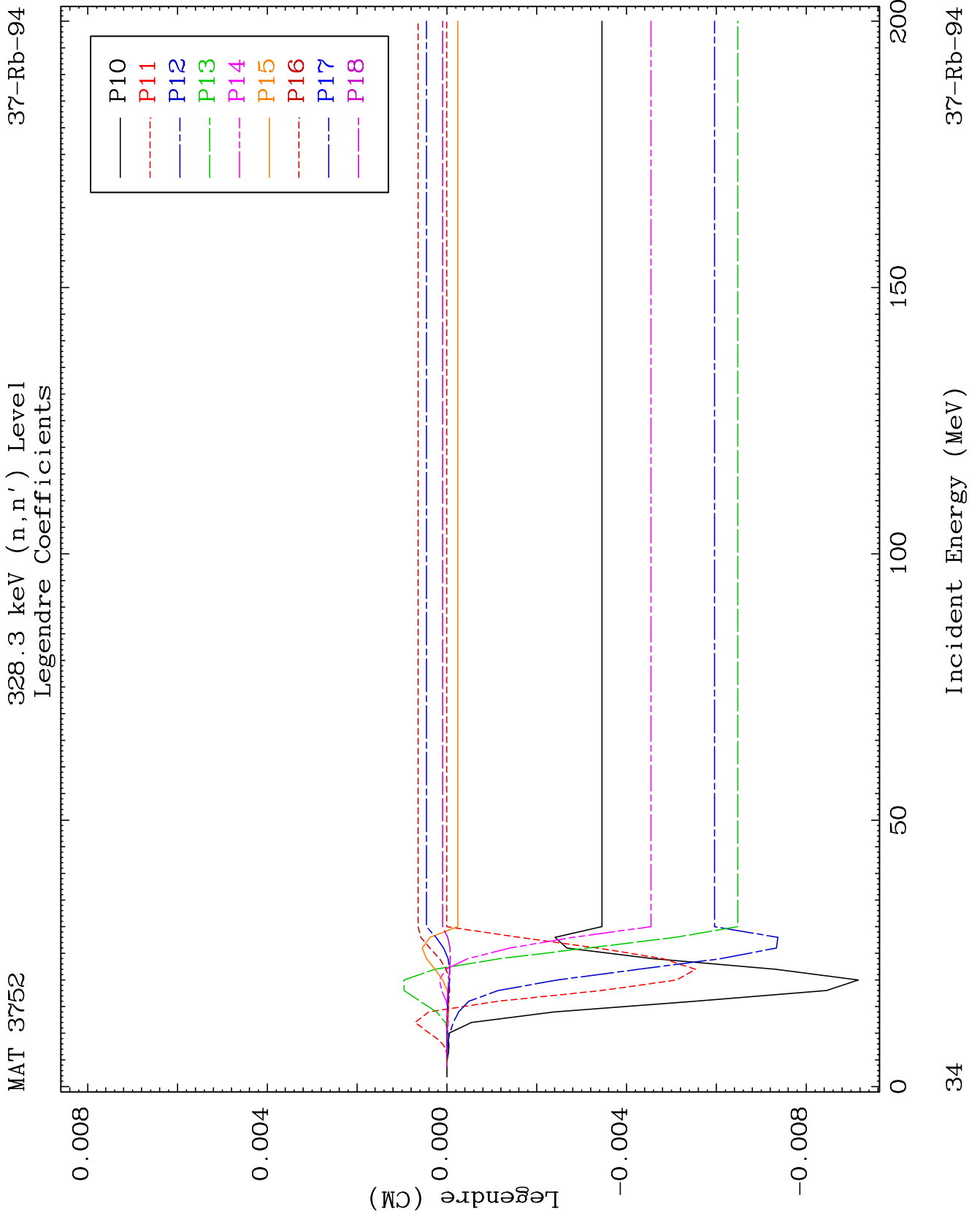
37-Rb-94



37-Rb-94

Incident Energy (MeV)

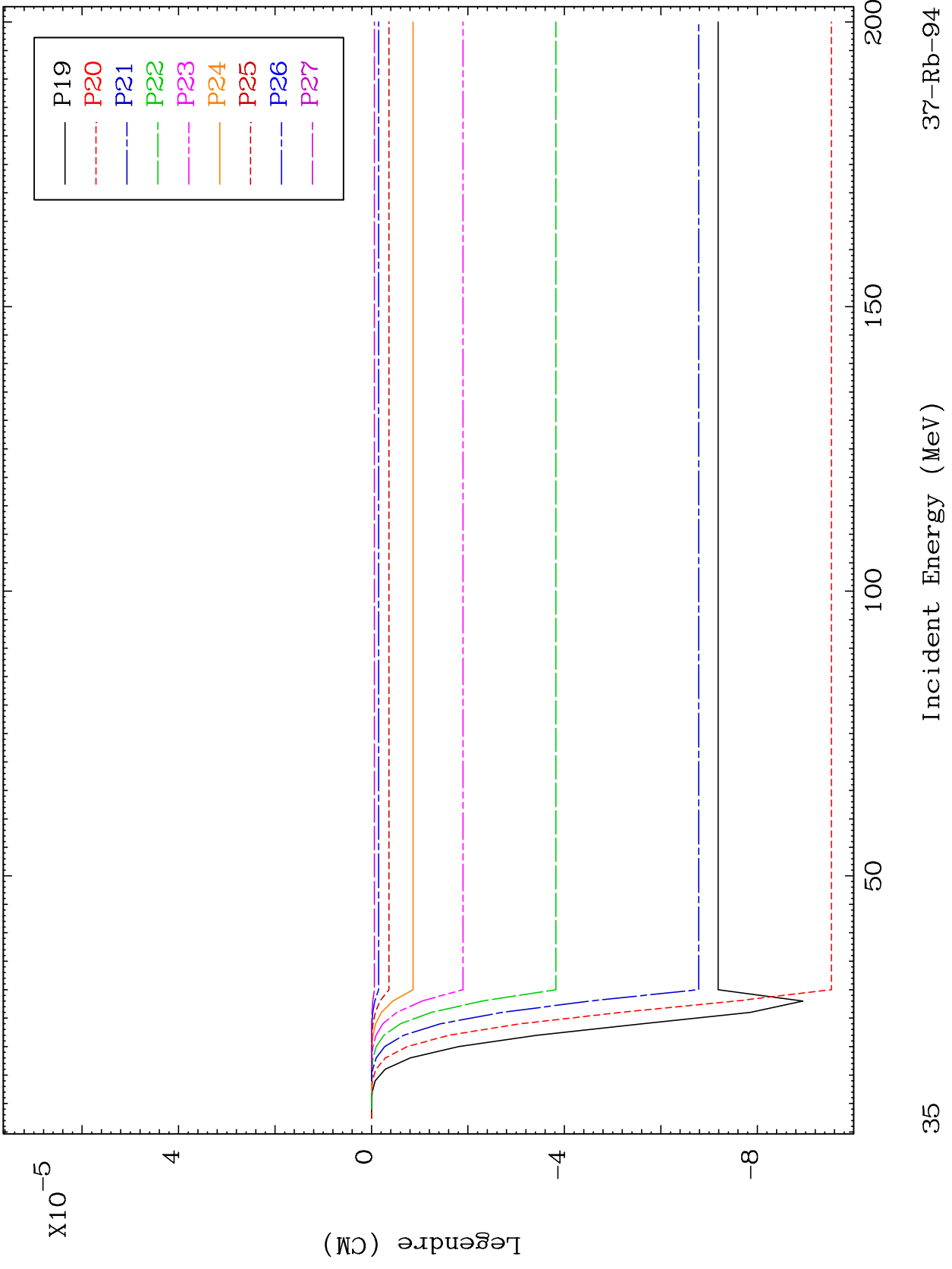
33



MAT 3752

328.3 keV (n,n') Level
Legendre Coefficients

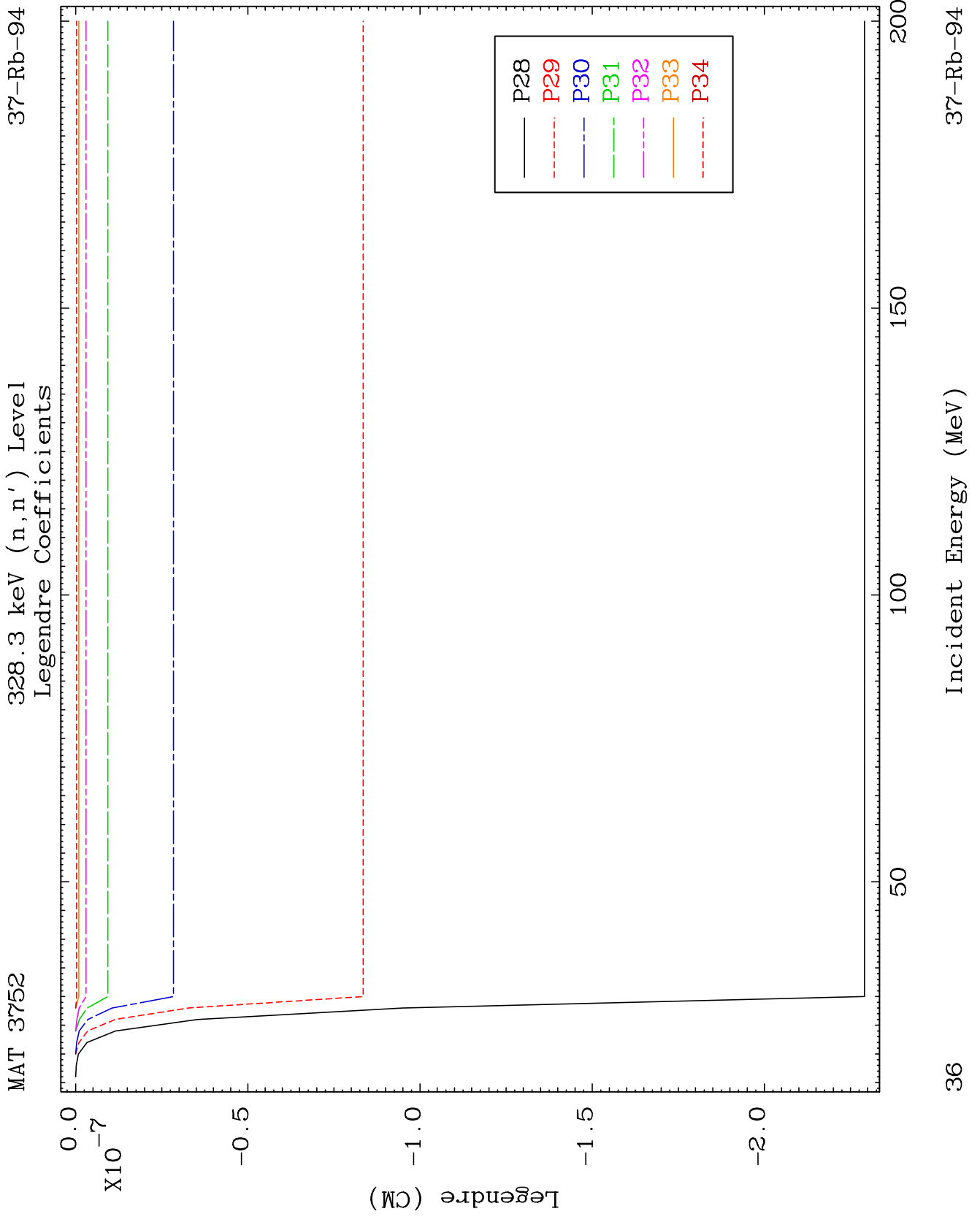
37-Rb-94



35

Incident Energy (MeV)

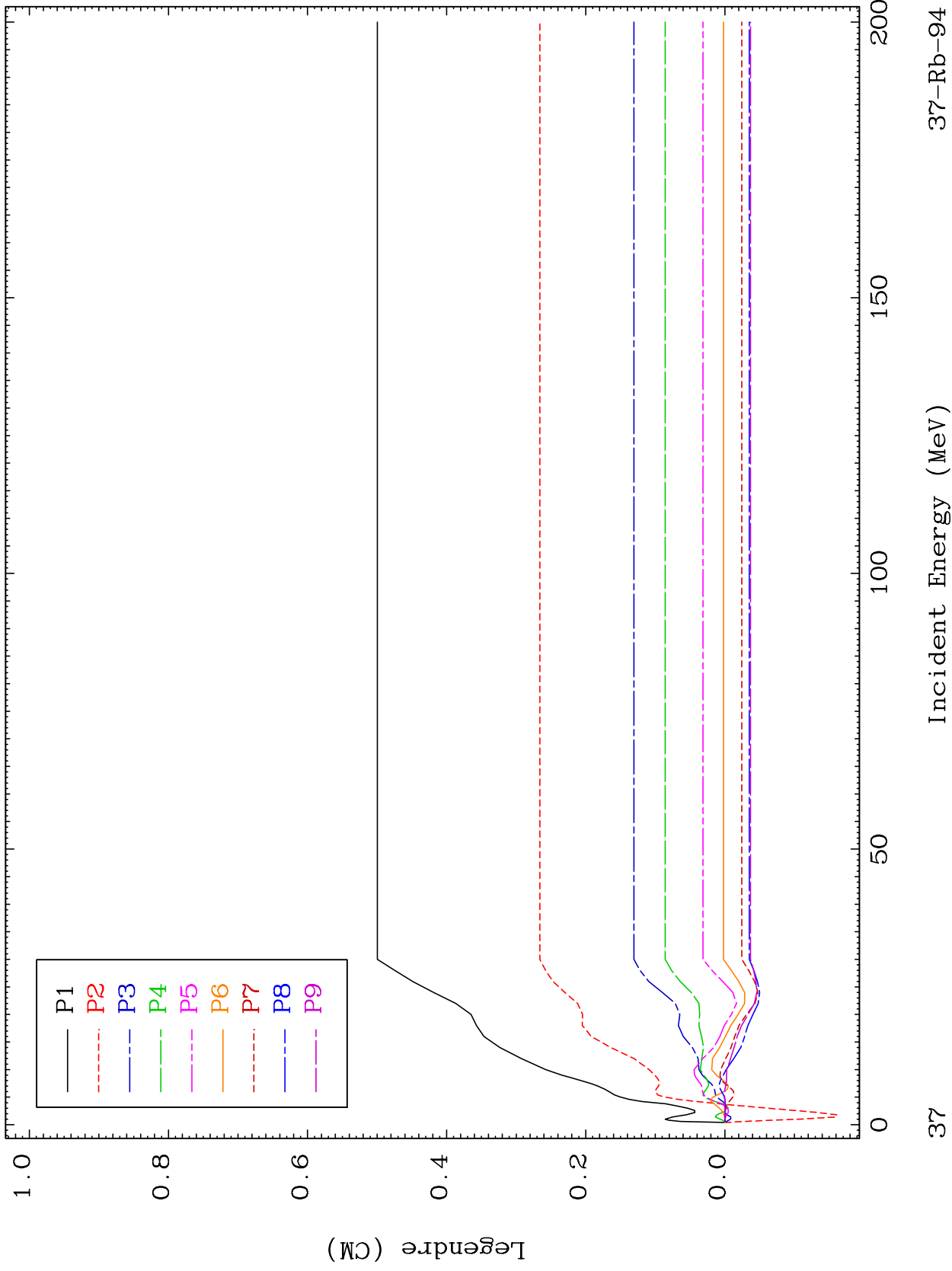
37-Rb-94



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359.0 keV (n,n') Level
Legendre Coefficients

37-Rb-94



37

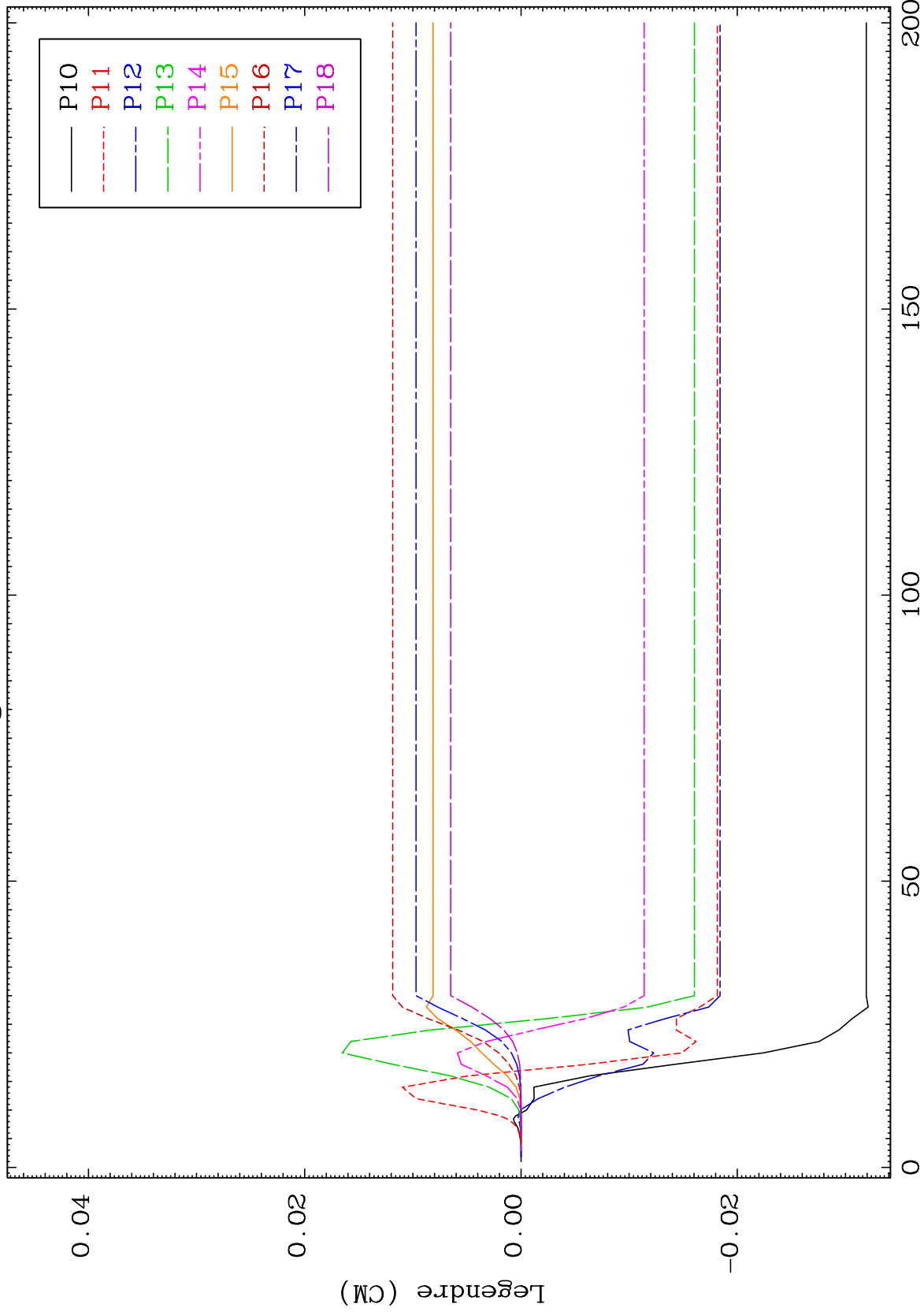
Incident Energy (MeV)

37-Rb-94

MAT 3752

359.0 keV (n,n') Level
Legendre Coefficients

37-Rb-94



38

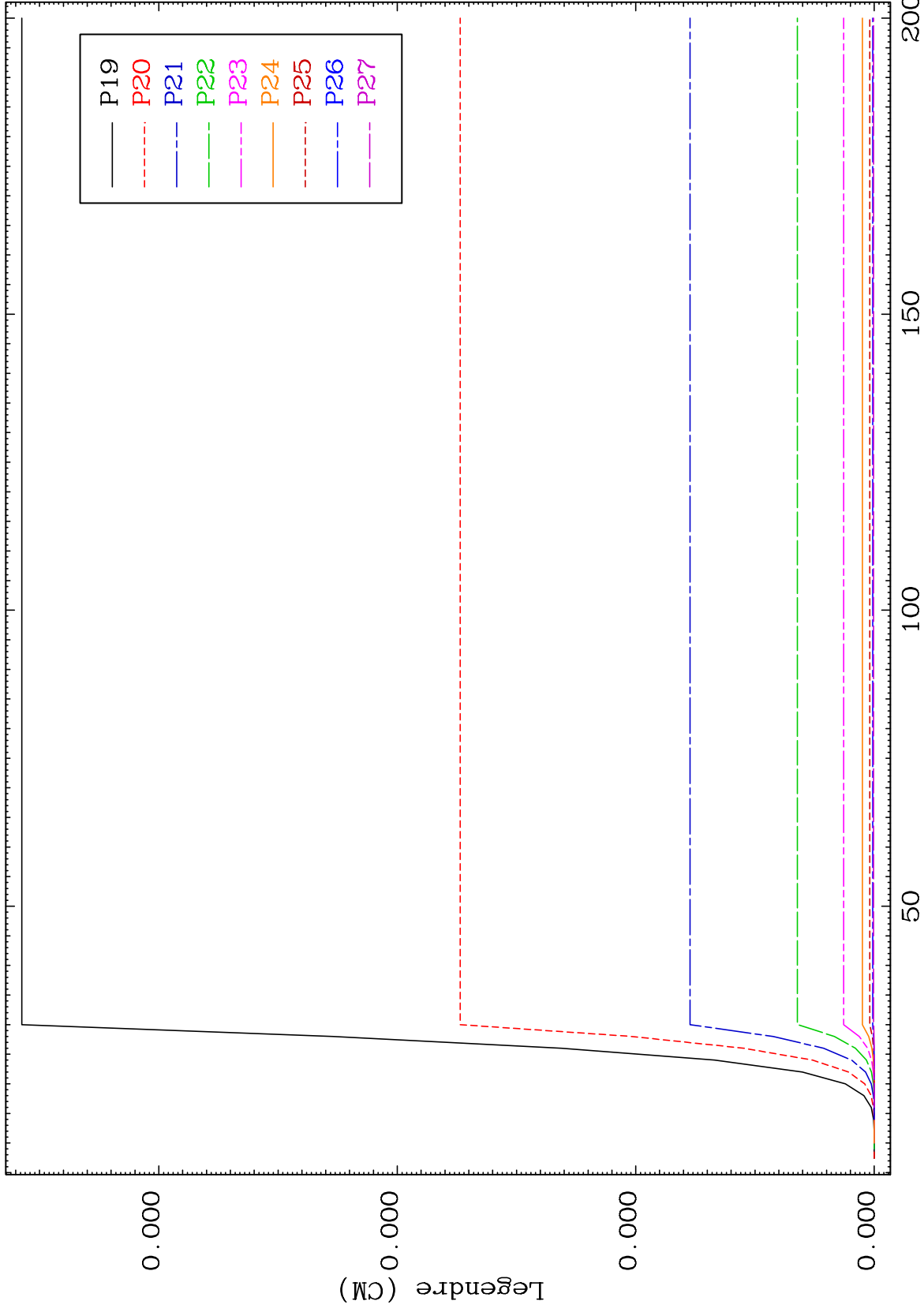
Incident Energy (MeV)

37-Rb-94

MAT 3752

359.0 keV (n,n') Level
Legendre Coefficients

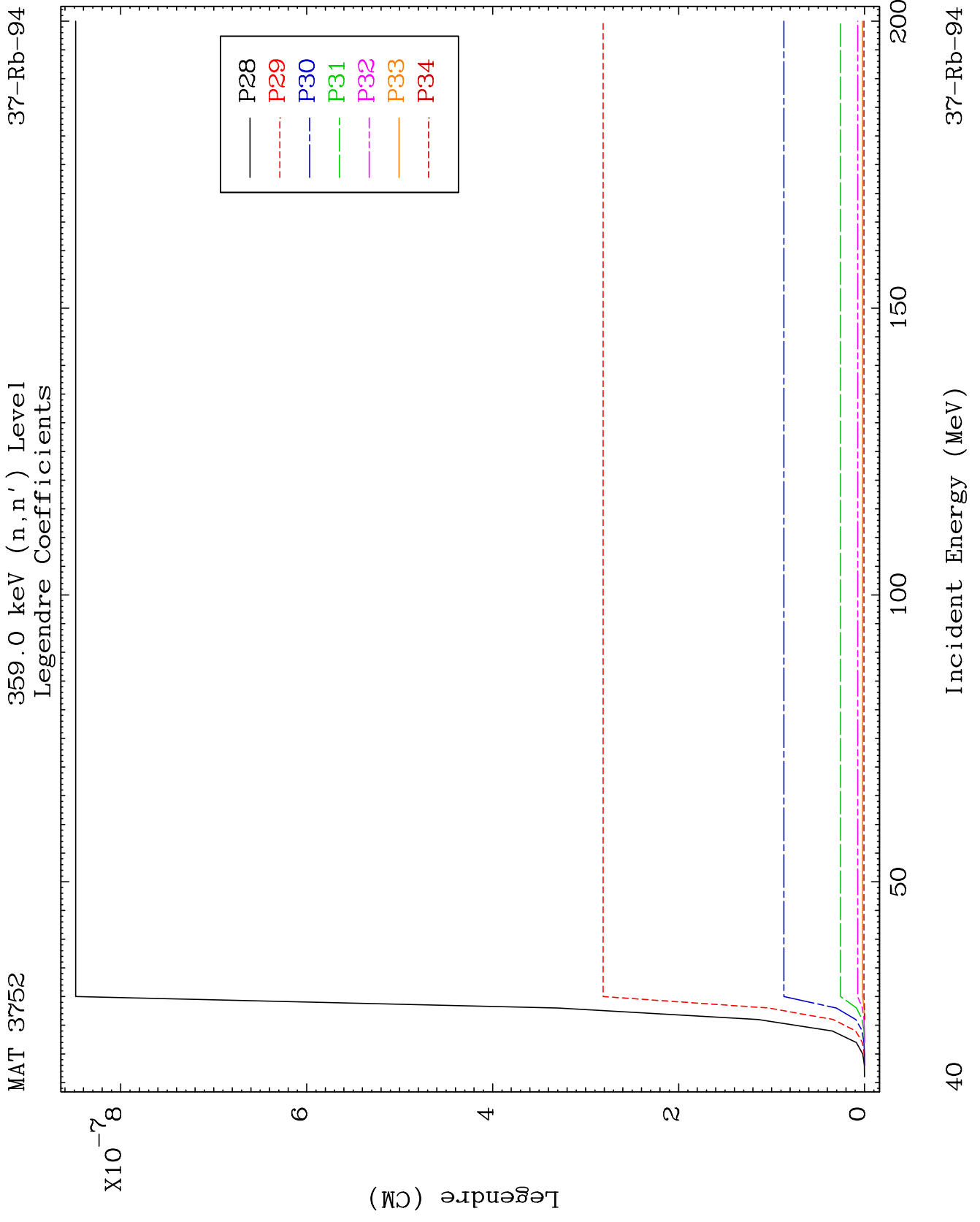
37-Rb-94



39

Incident Energy (MeV)

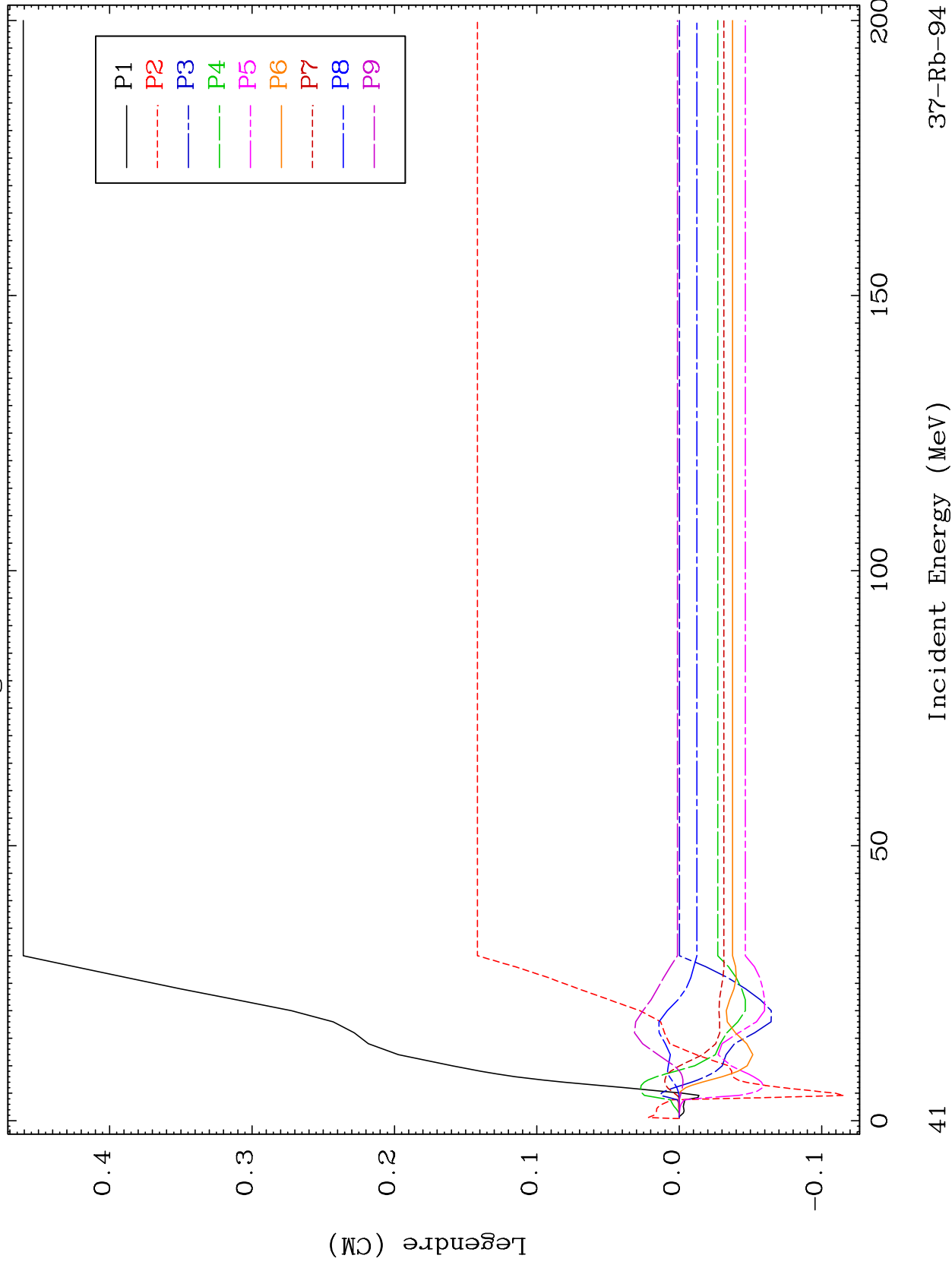
37-Rb-94



MAT 3752

394.7 keV (n,n') Level
Legendre Coefficients

37-Rb-94



41

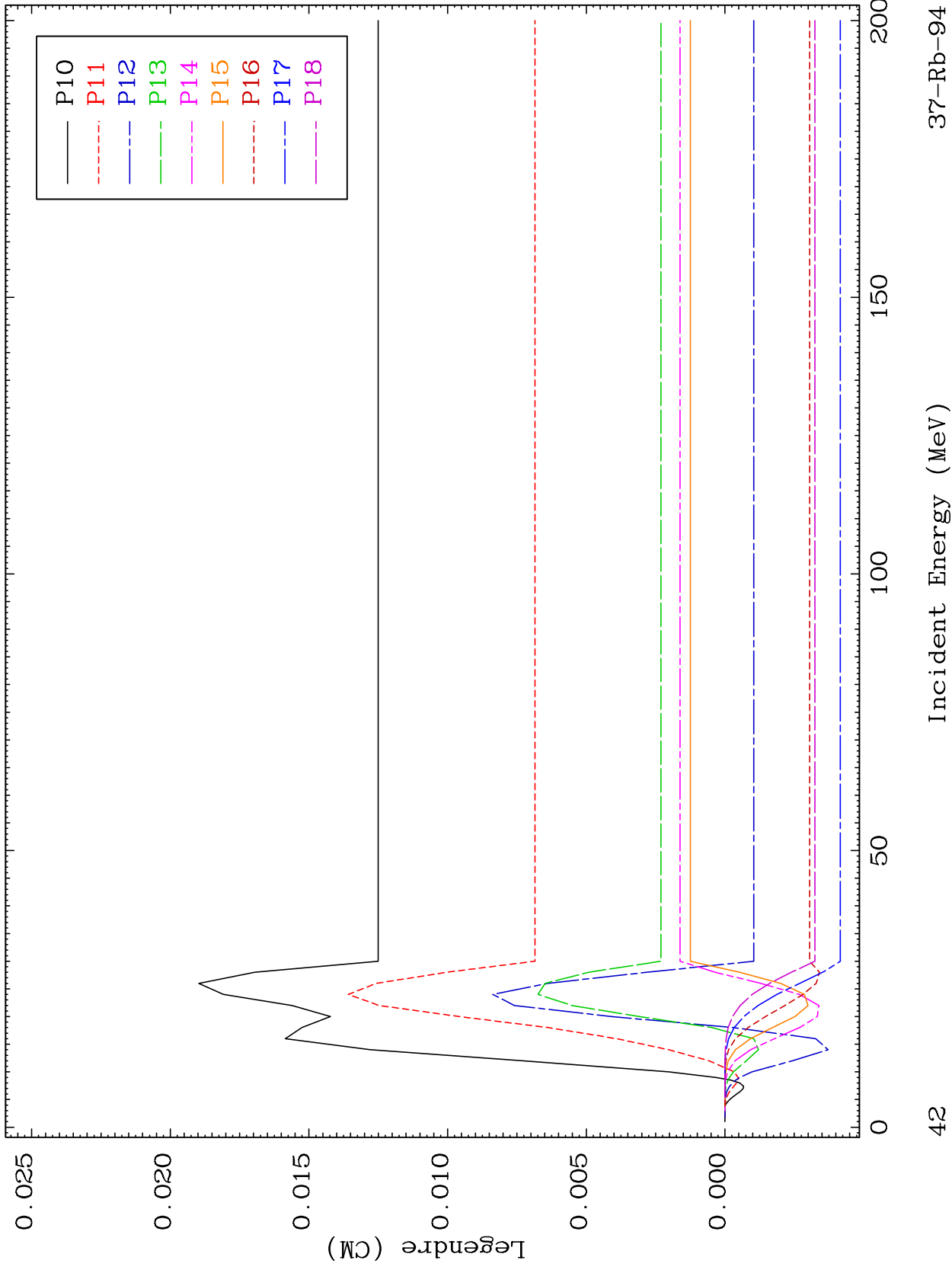
Incident Energy (MeV)

37-Rb-94

MAT 3752

394.7 keV (n,n') Level
Legendre Coefficients

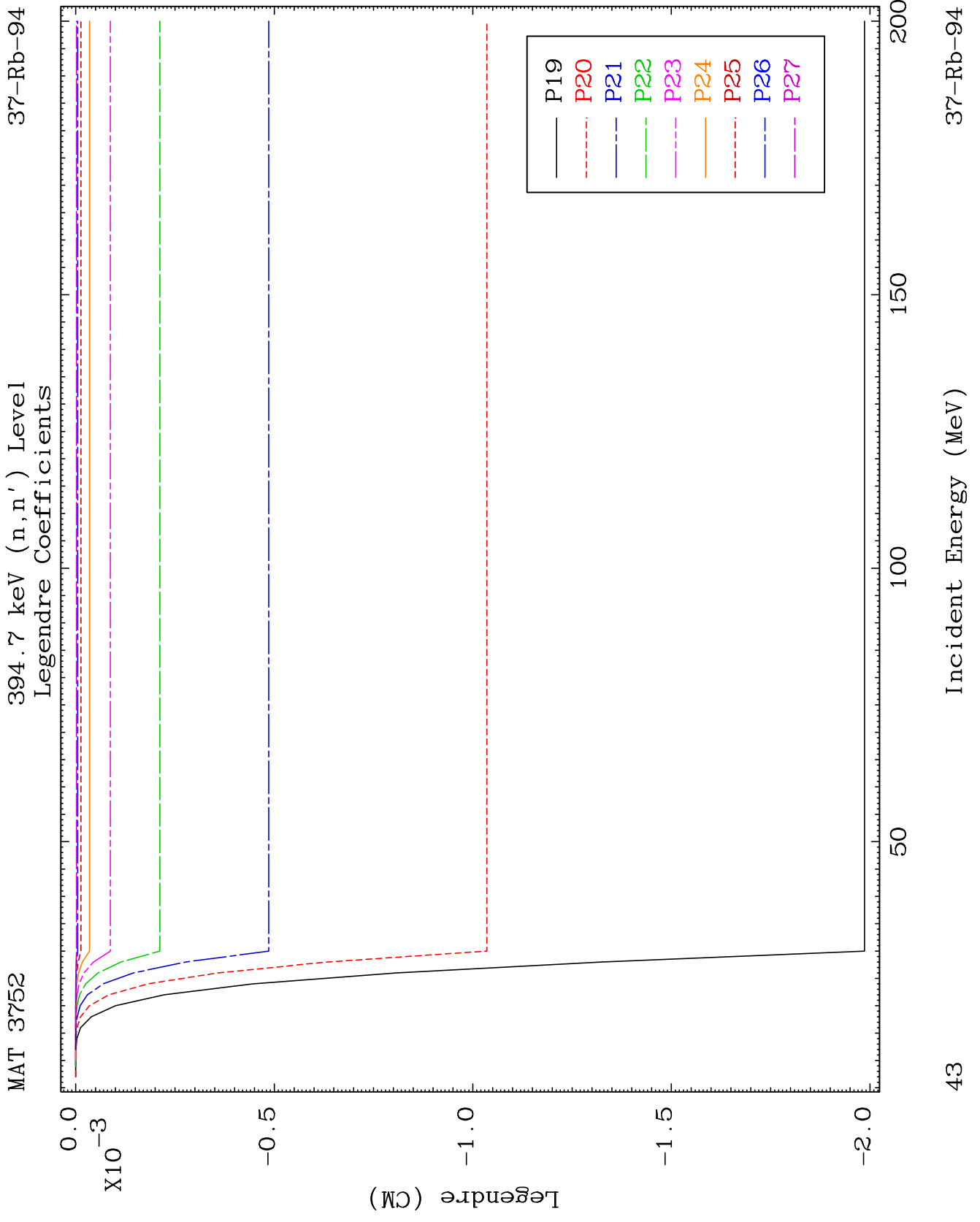
37-Rb-94

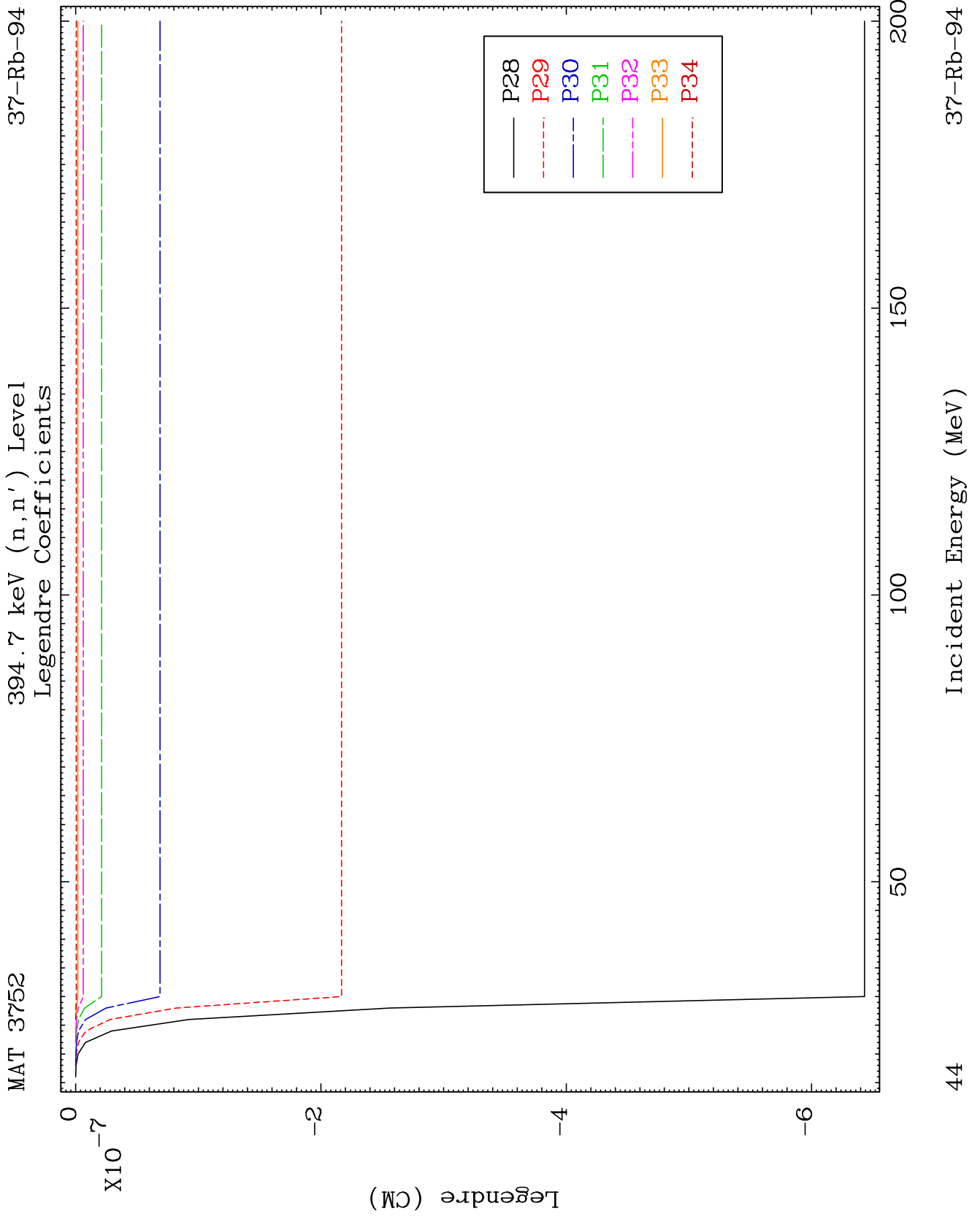


37-Rb-94

Incident Energy (MeV)

42

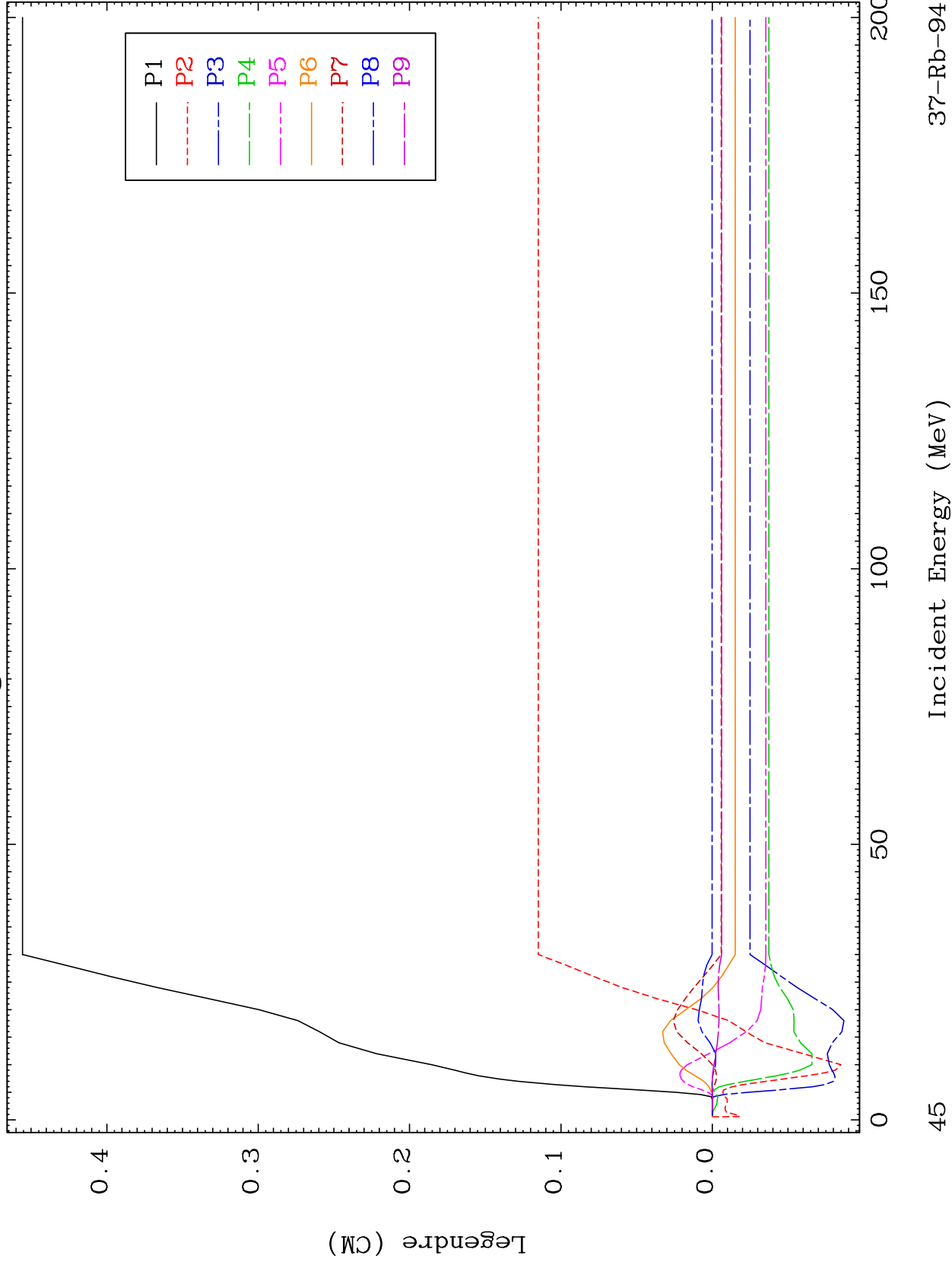




MAT 3752

528.1 keV (n,n') Level
Legendre Coefficients

37-Rb-94

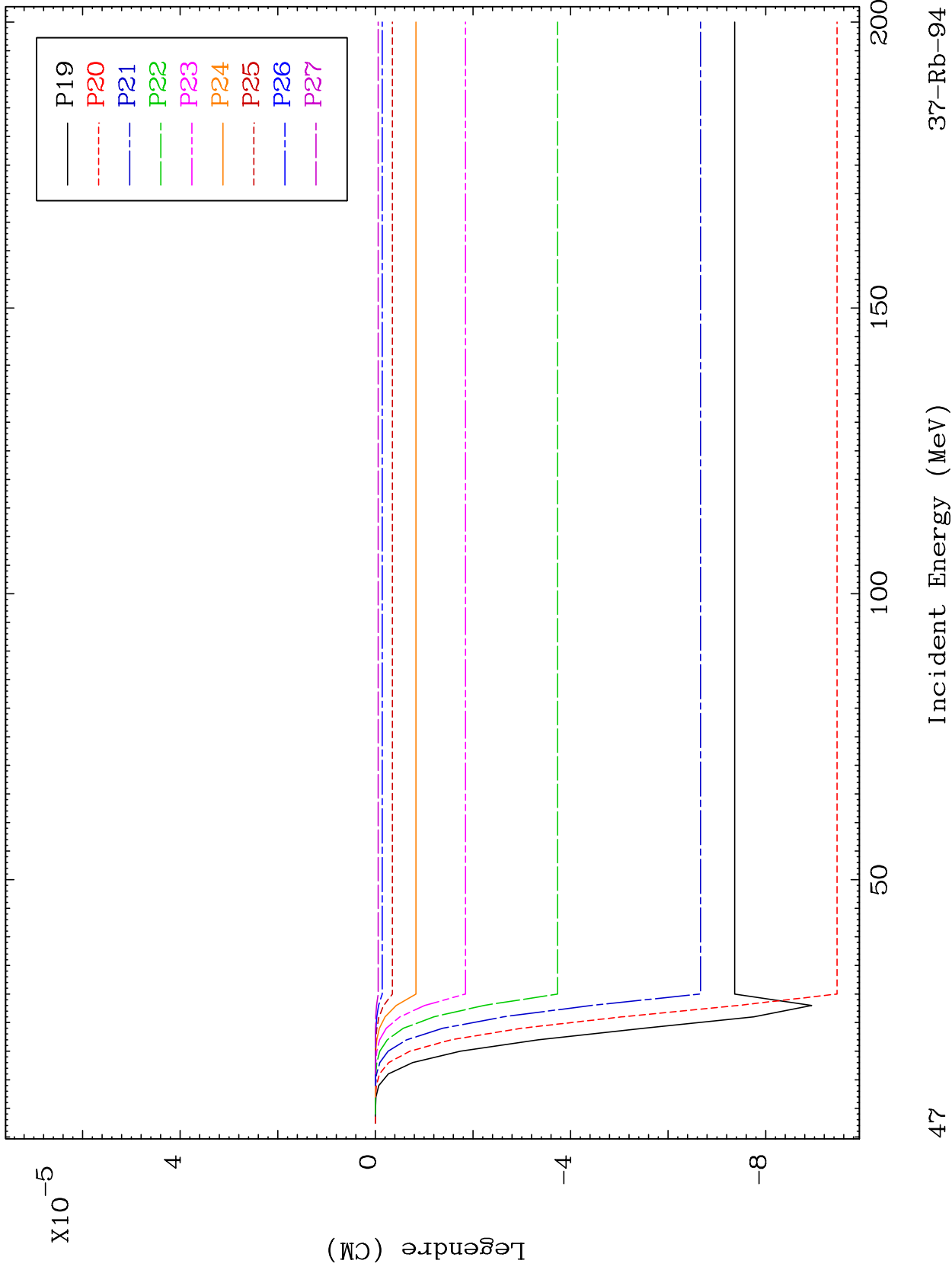


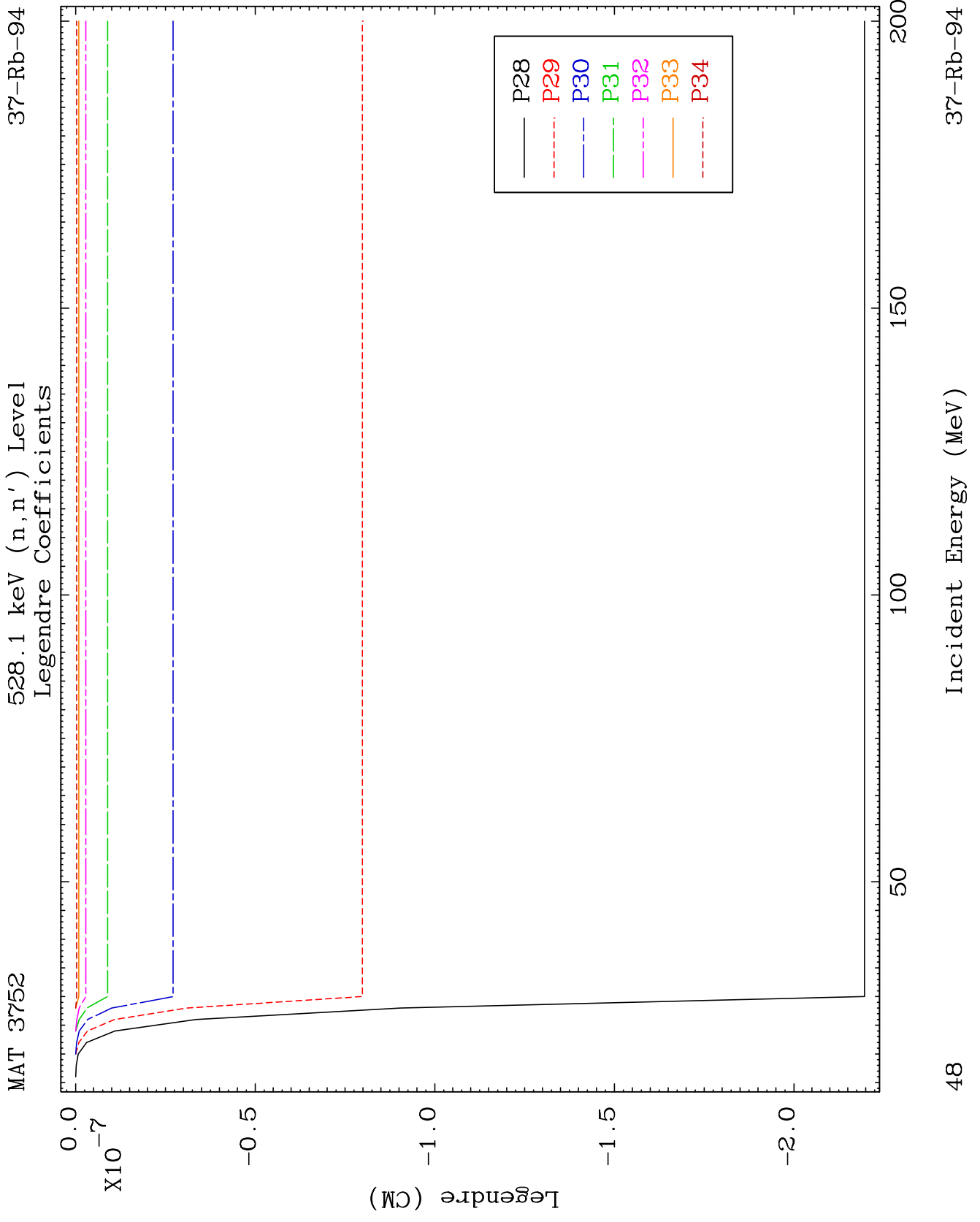
37-Rb-94

MAT 3752

528.1 keV (n,n') Level
Legendre Coefficients

37-Rb-94

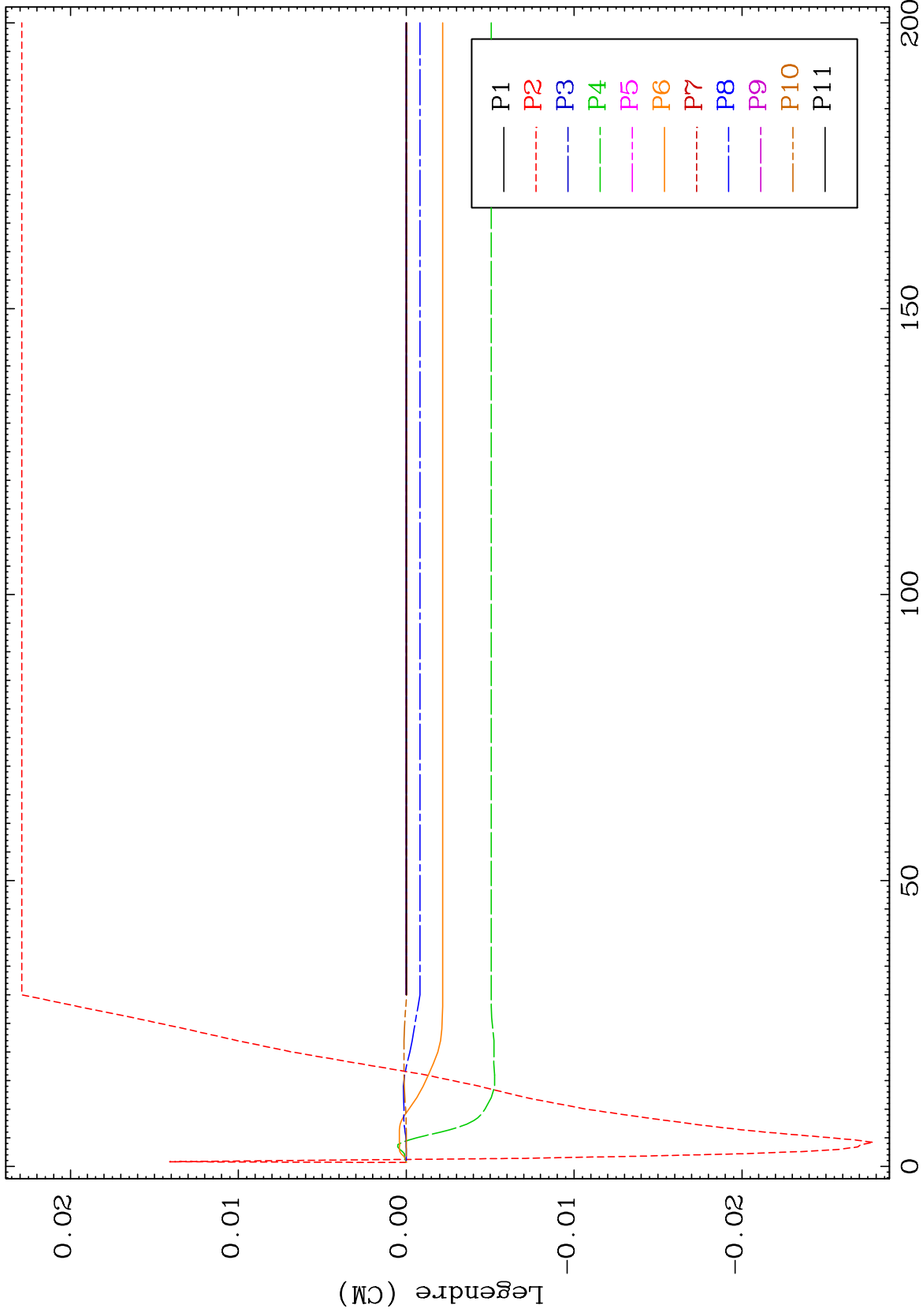




MAT 3752

667.6 keV (n,n') Level
Legendre Coefficients

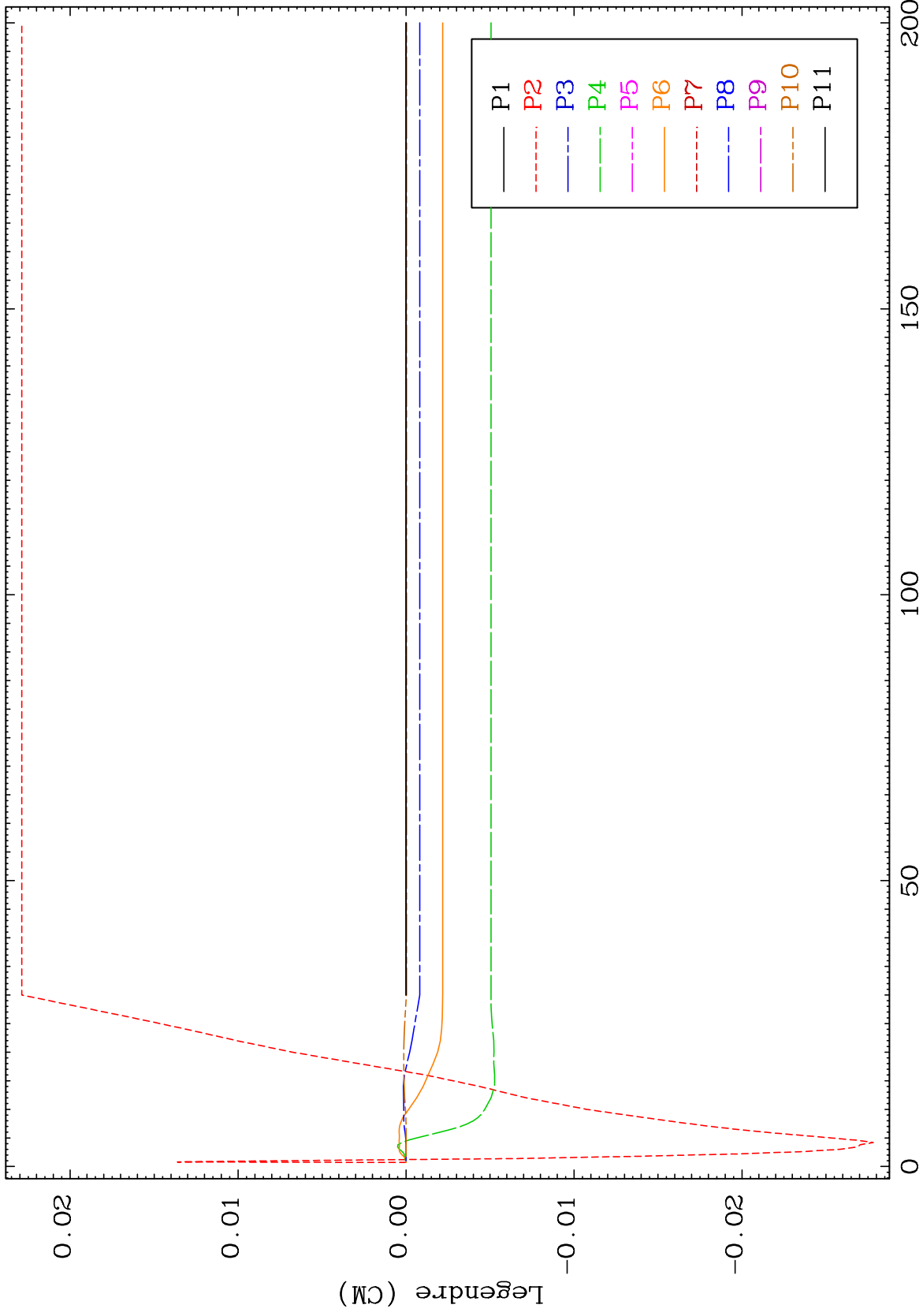
37-Rb-94

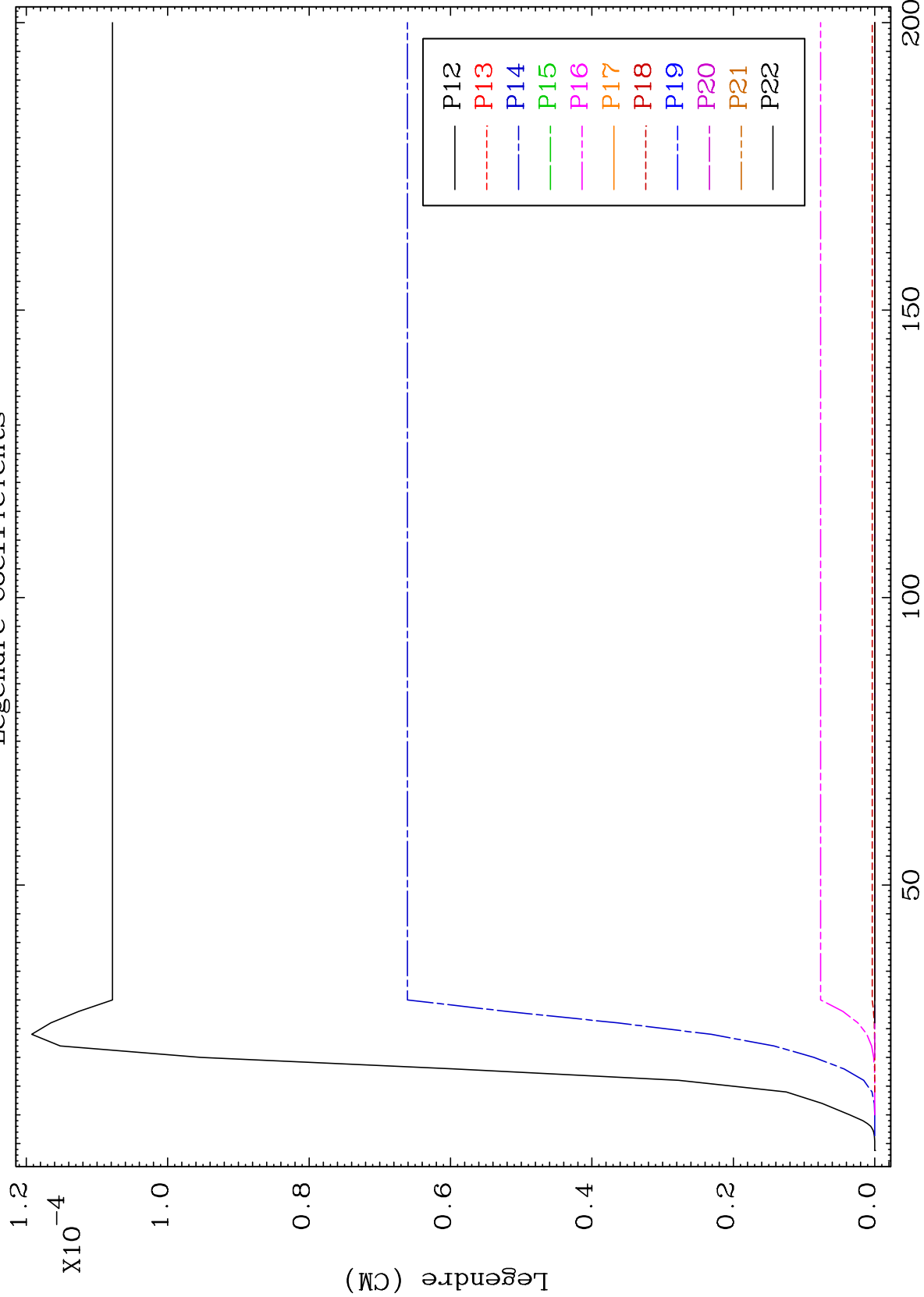


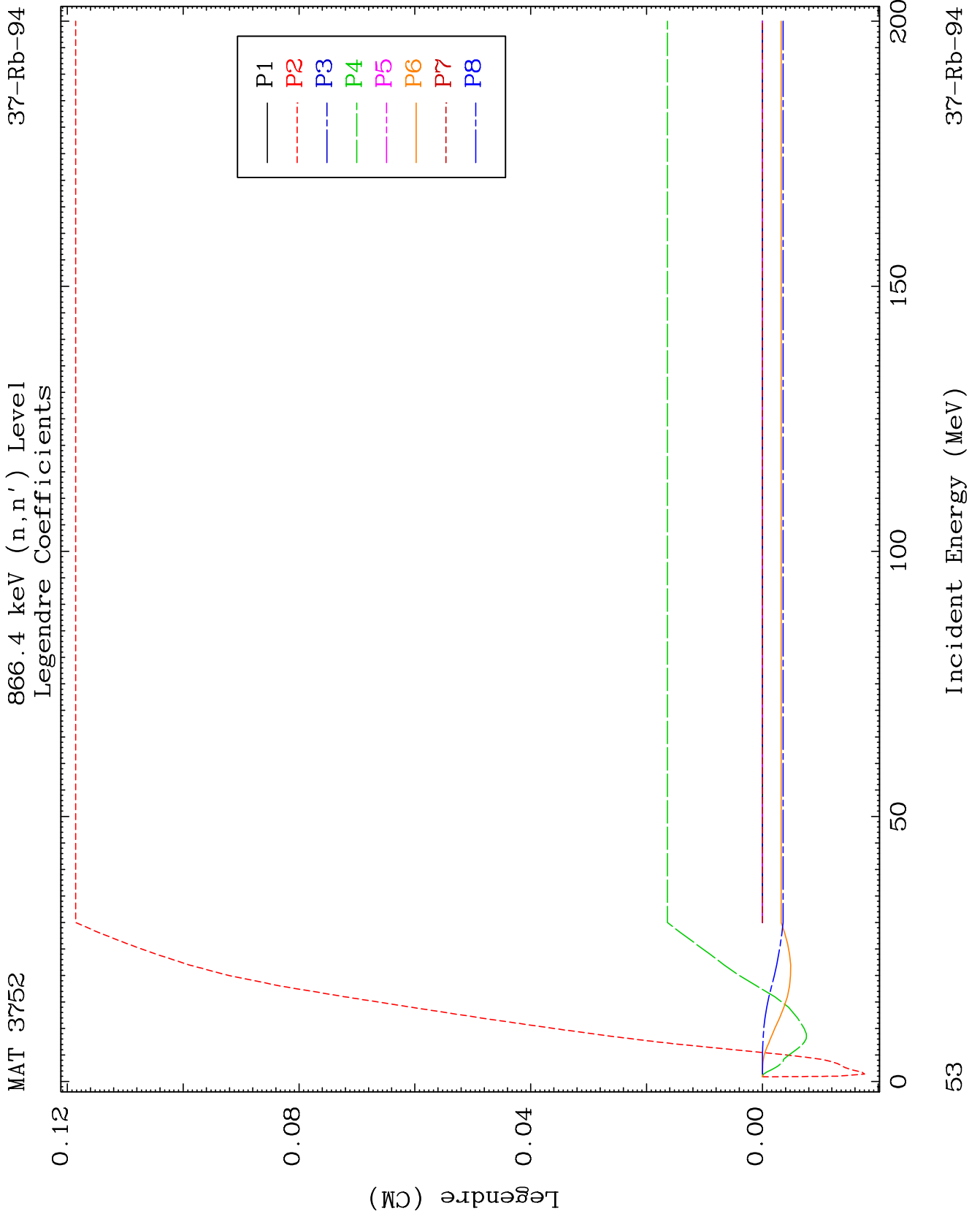
49

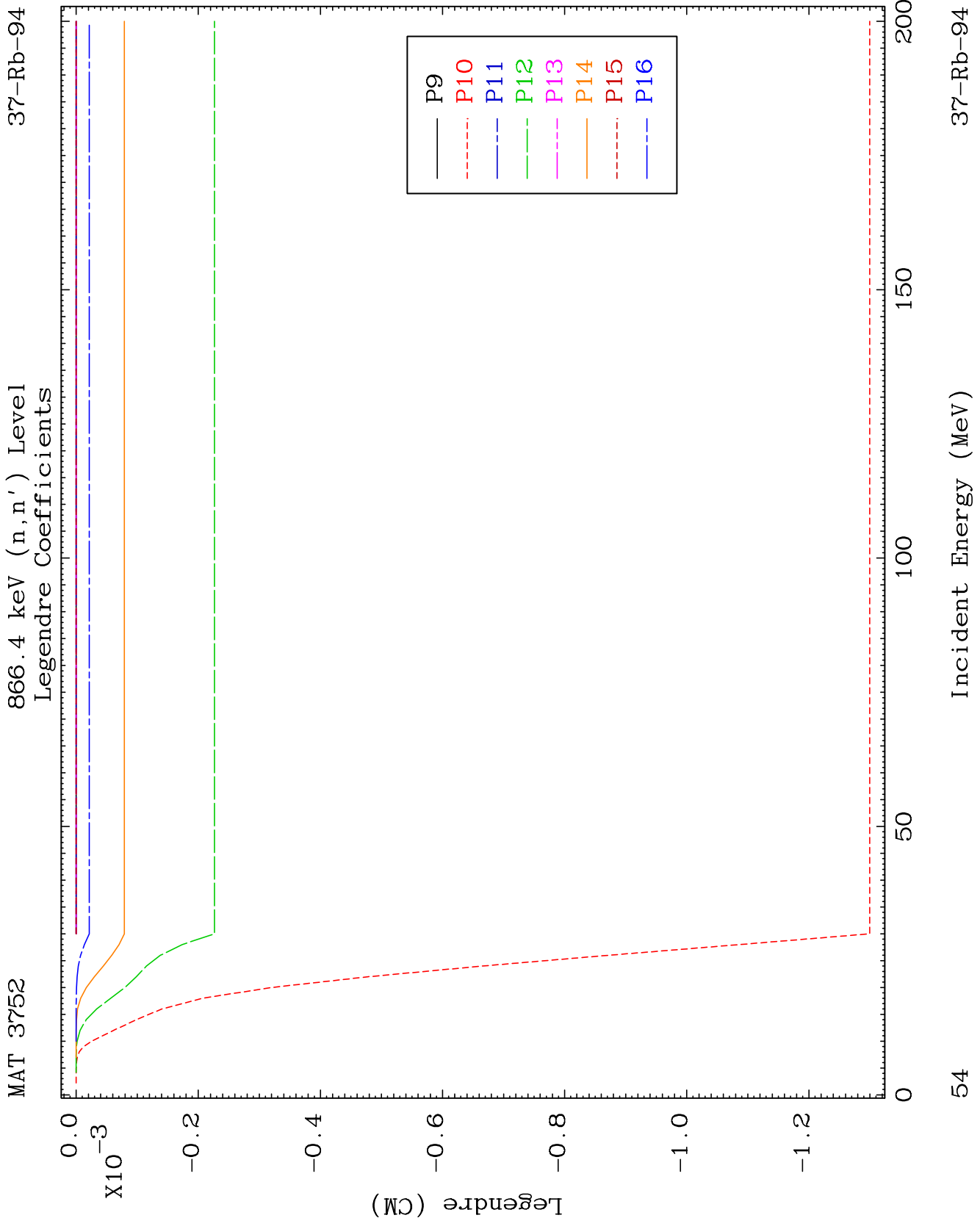
Incident Energy (MeV)

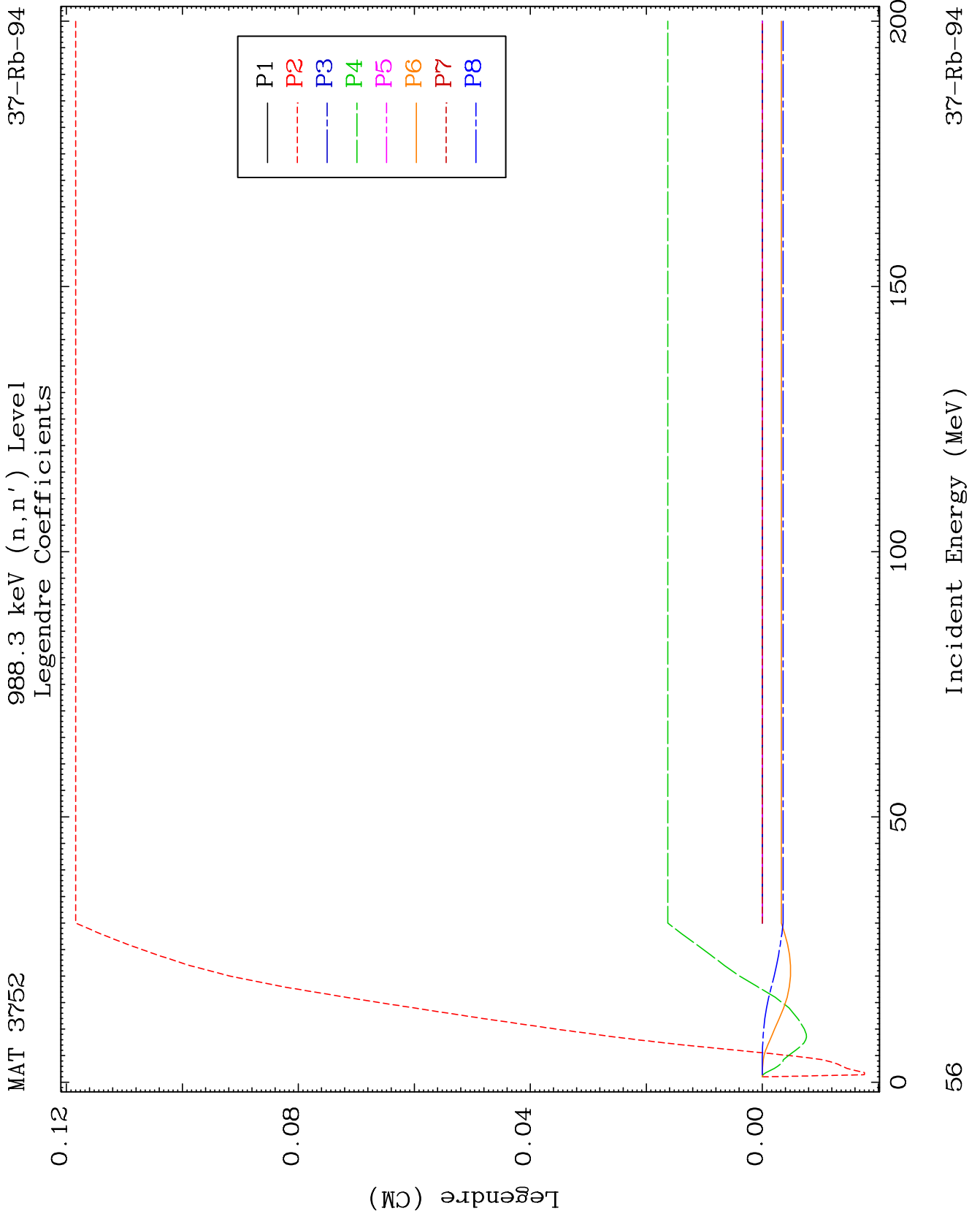
37-Rb-94

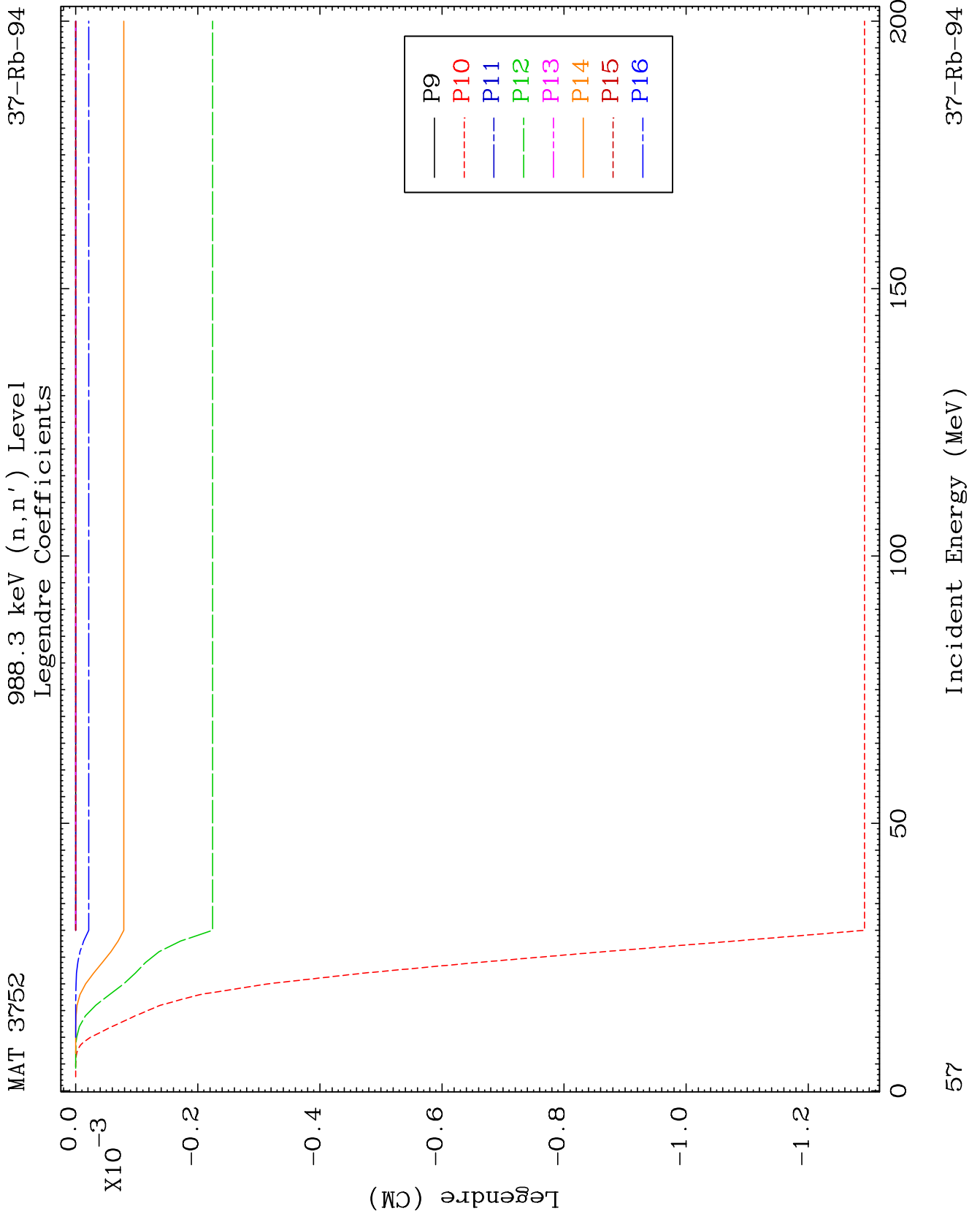


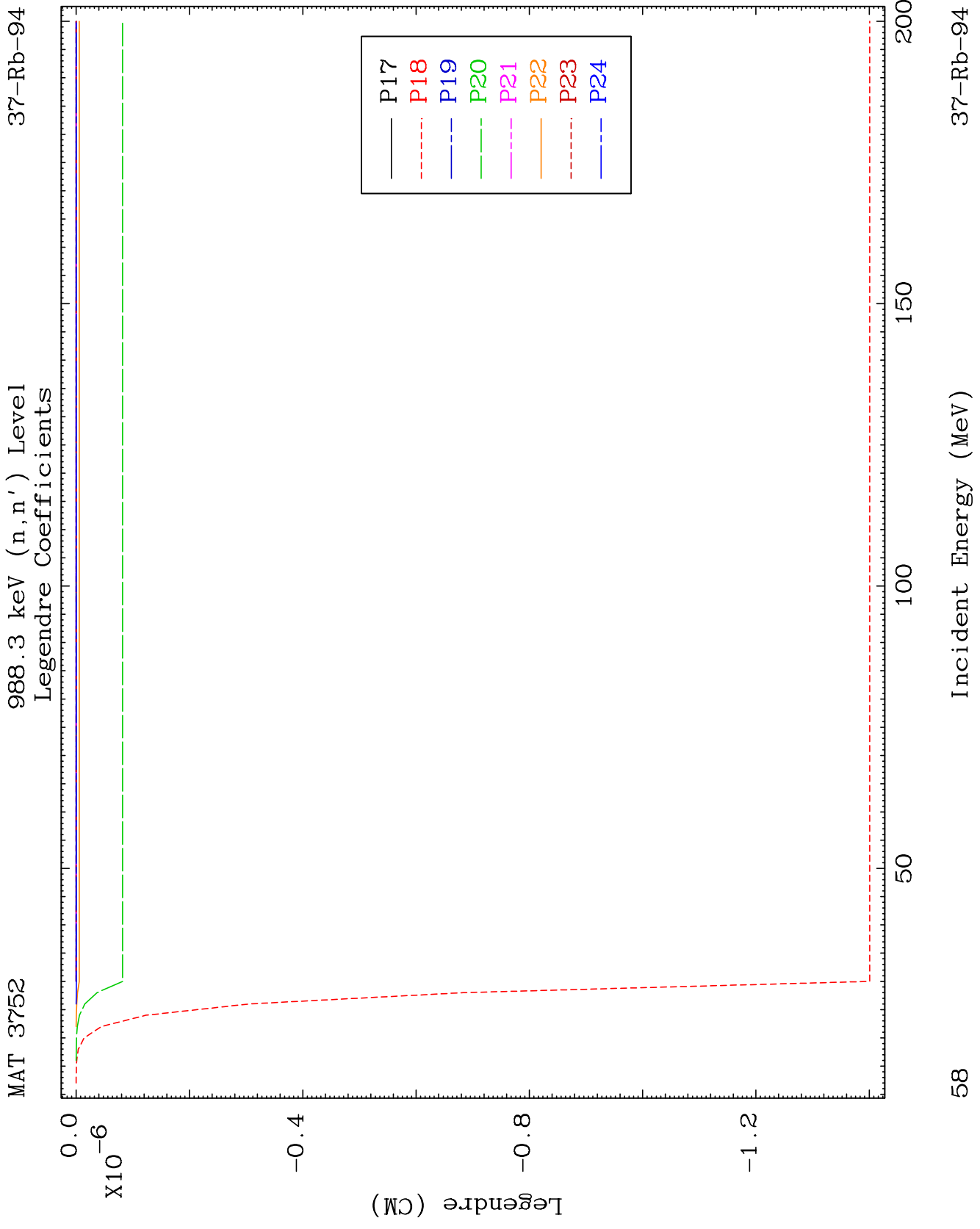


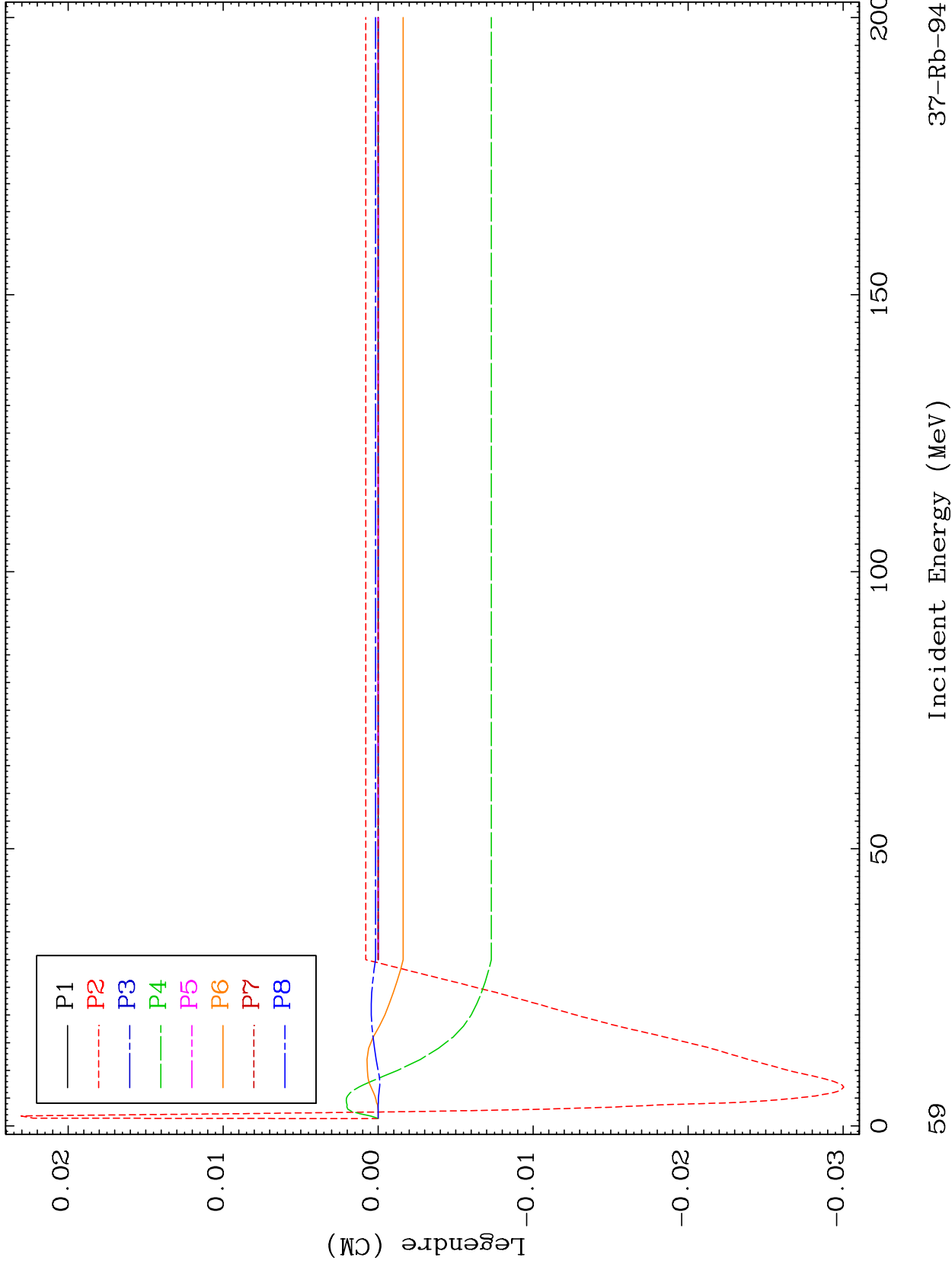


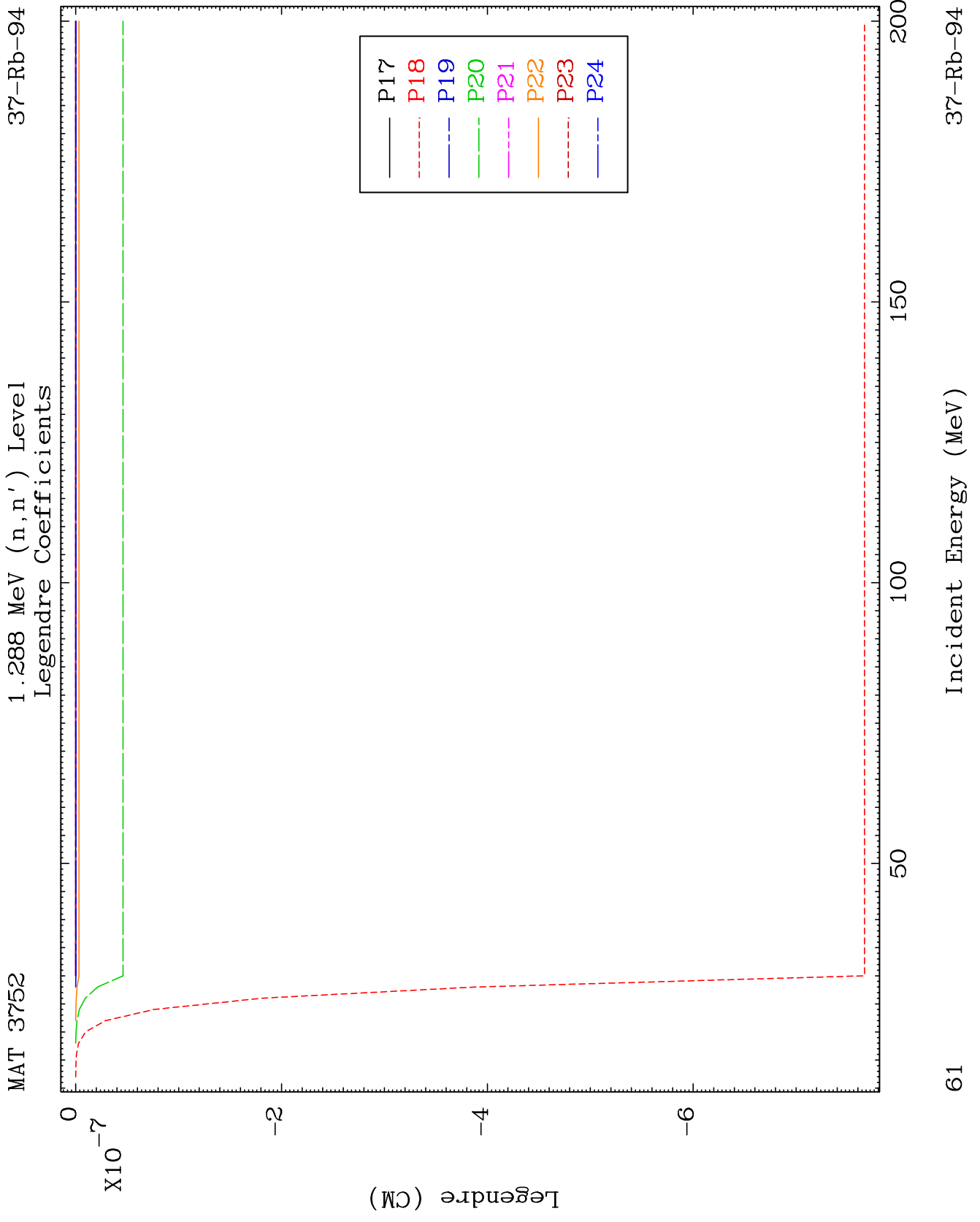








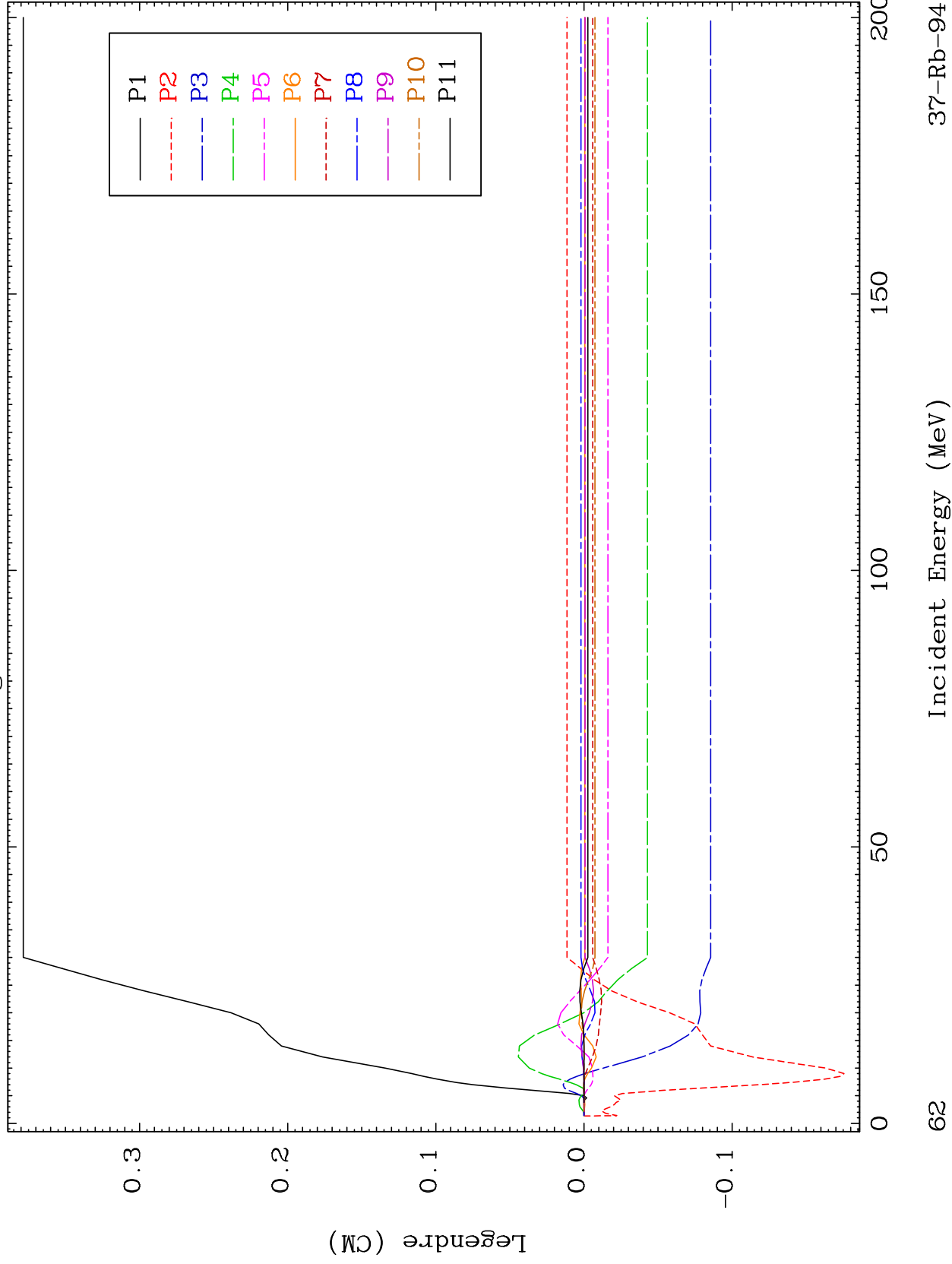




MAT 3752

1.315 MeV (n,n') Level
Legendre Coefficients

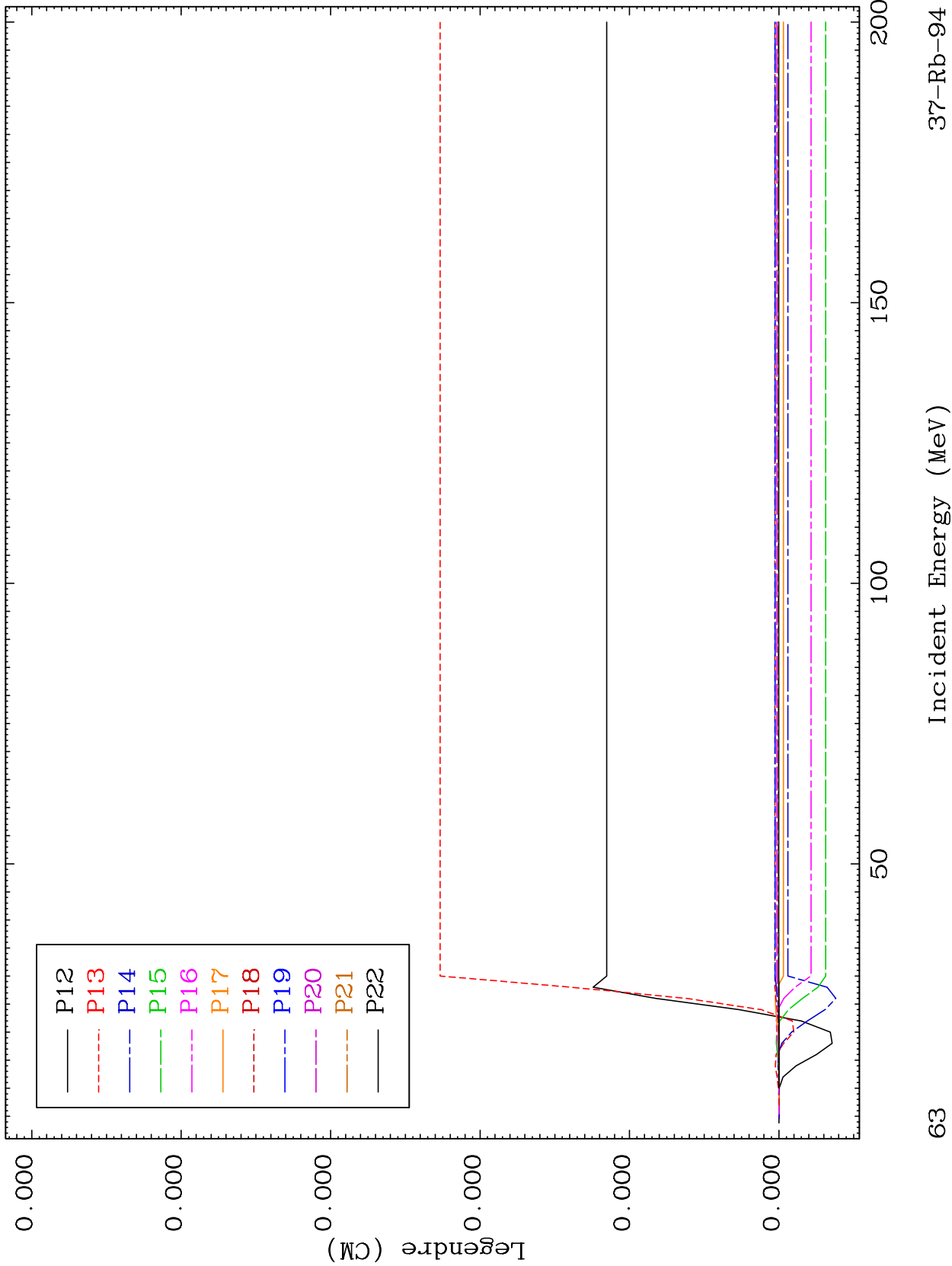
37-Rb-94



37-Rb-94

Incident Energy (MeV)

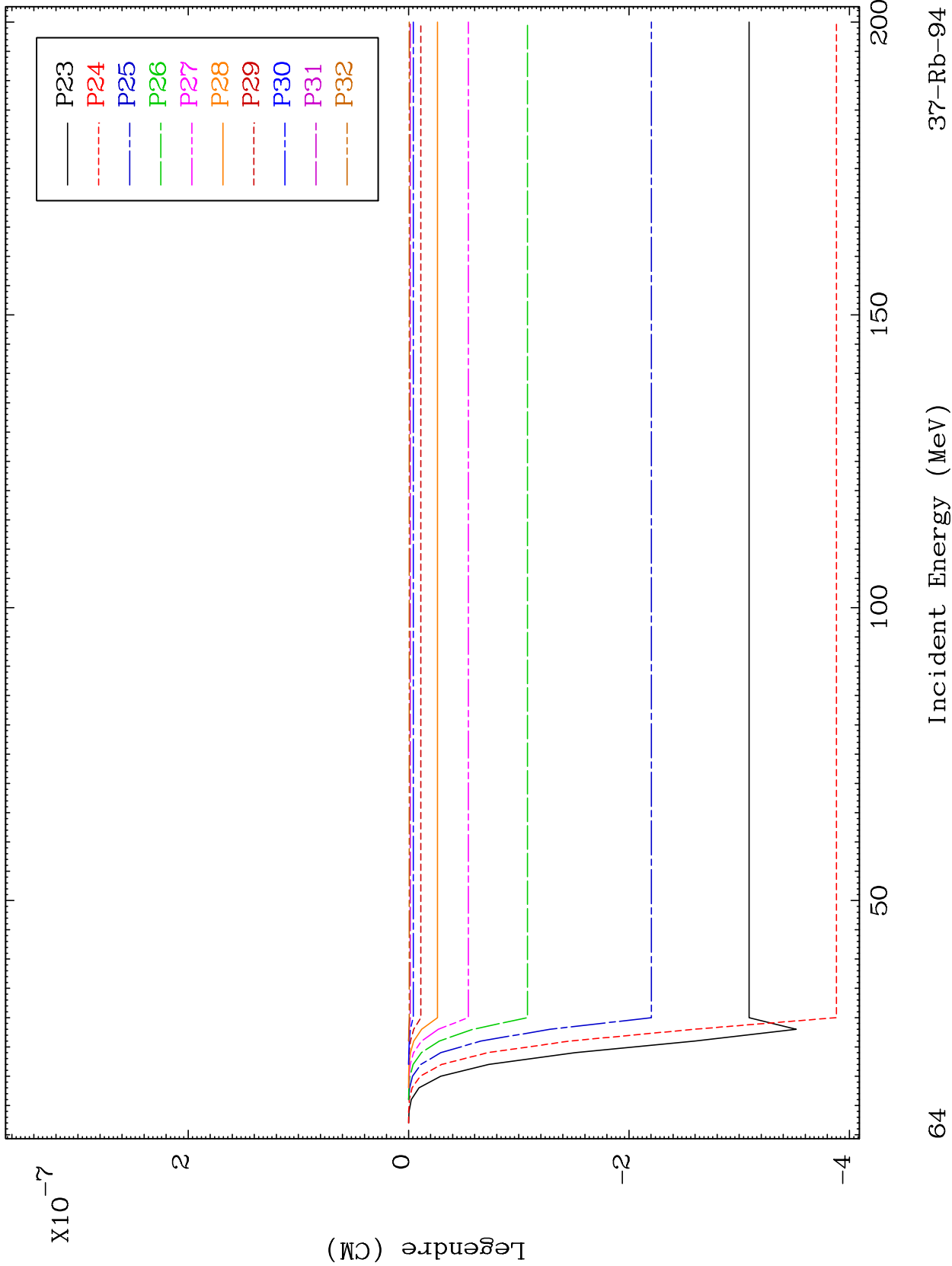
62



MAT 3752

1.315 MeV (n,n') Level
Legendre Coefficients

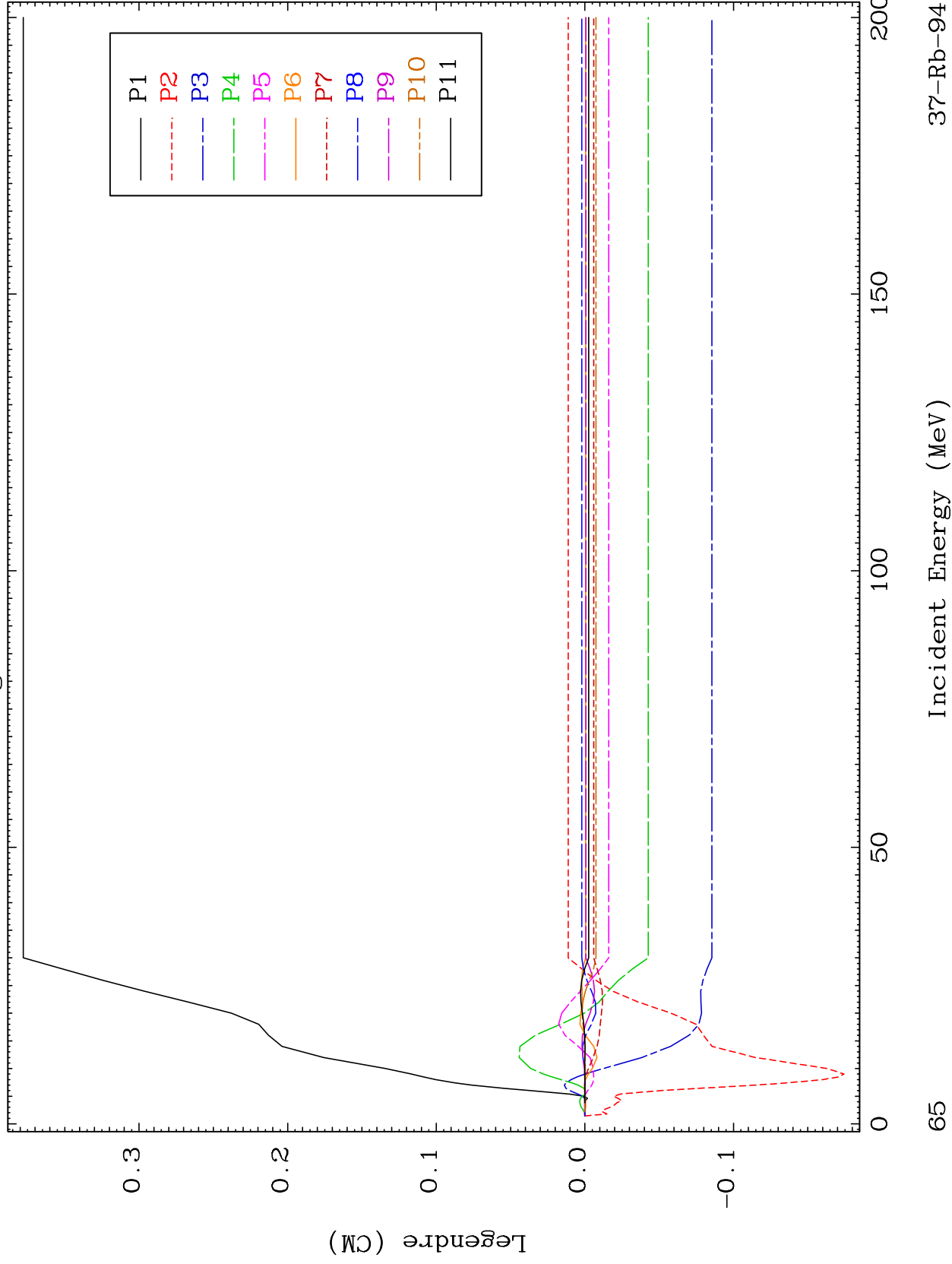
37-Rb-94



MAT 3752

1.401 MeV (n,n') Level
Legendre Coefficients

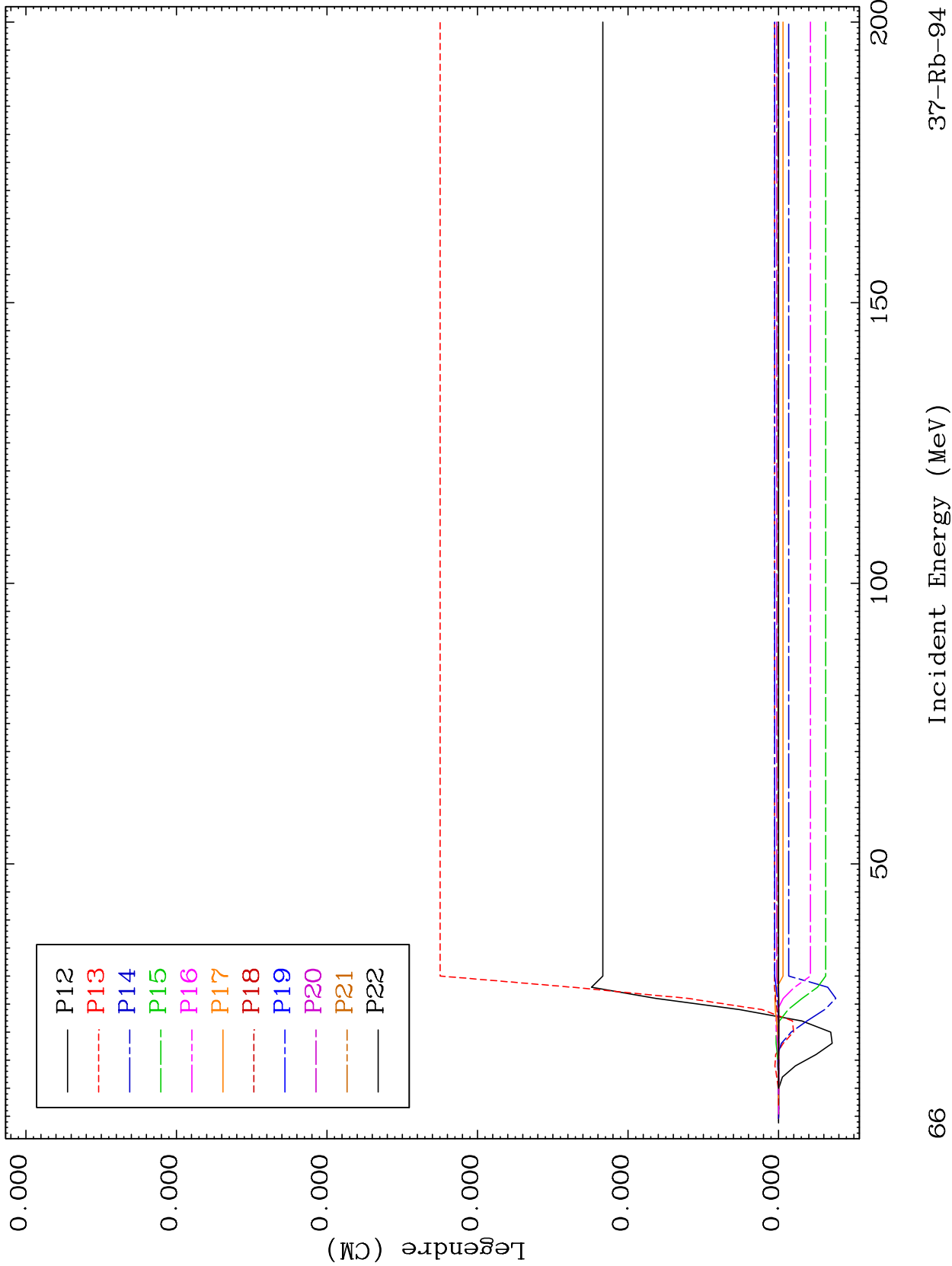
37-Rb-94



37-Rb-94

Incident Energy (MeV)

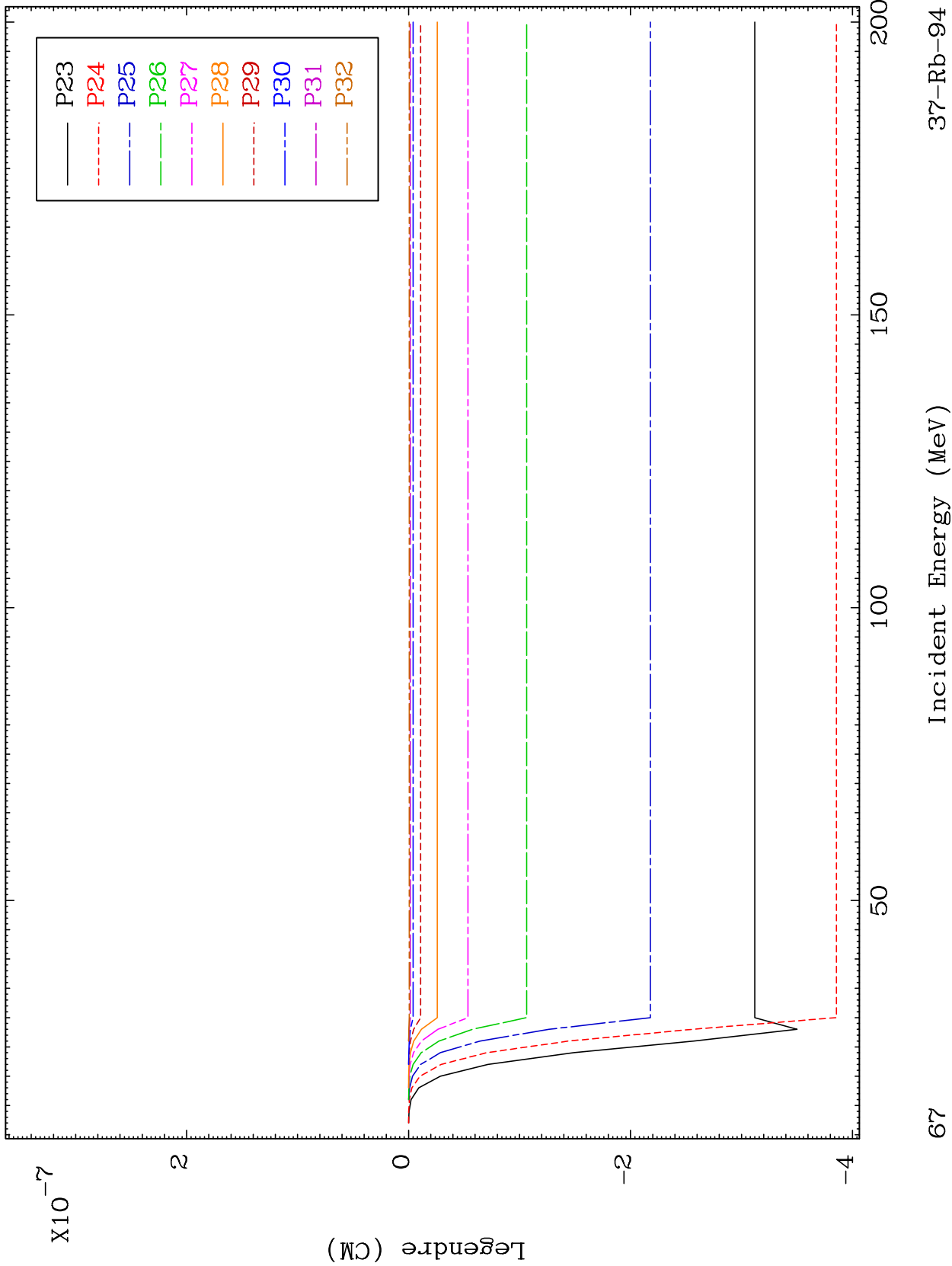
65



MAT 3752

1.401 MeV (n,n') Level
Legendre Coefficients

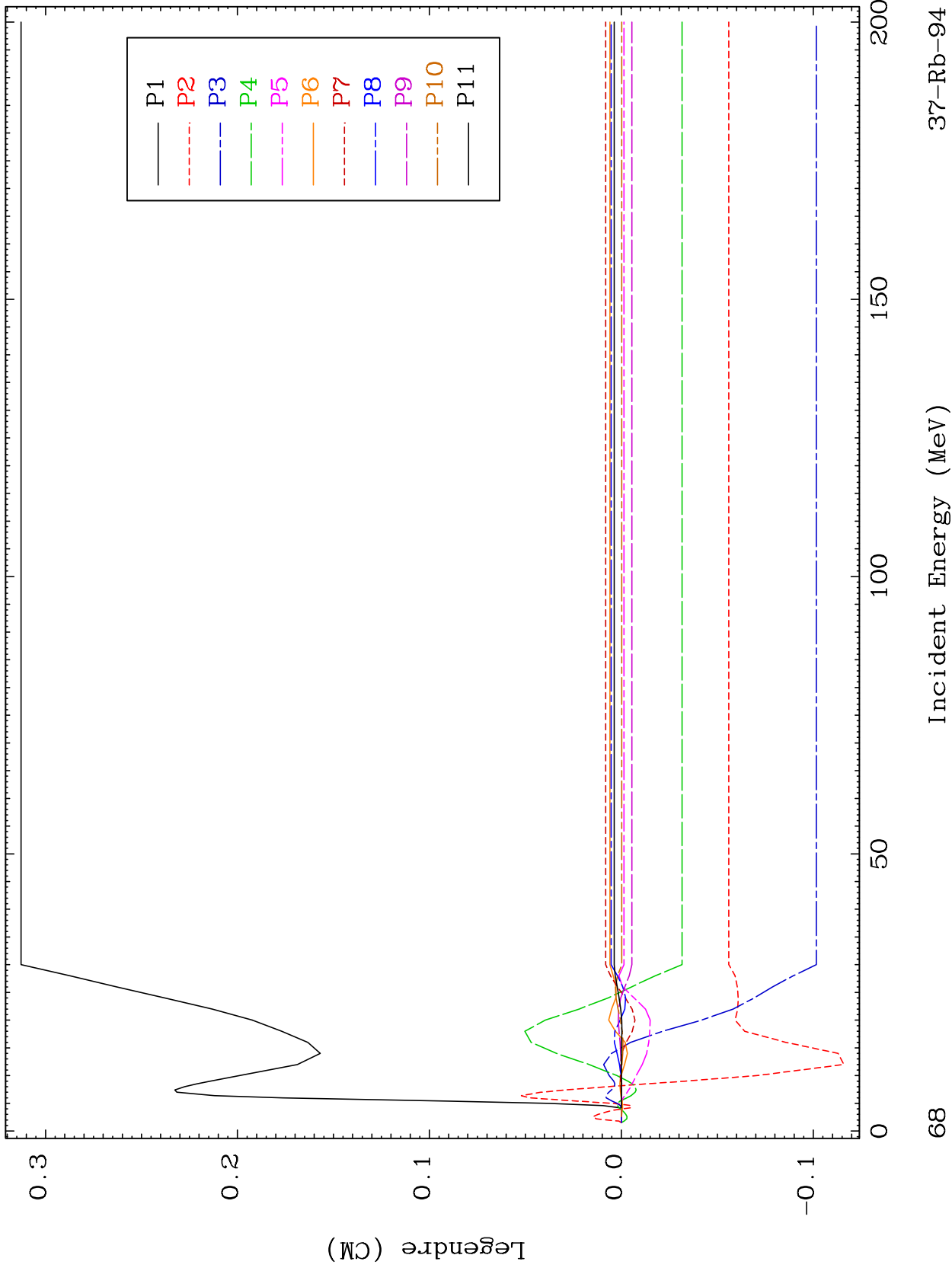
37-Rb-94



MAT 3752

1.485 MeV (n,n') Level
Legendre Coefficients

37-Rb-94



37-Rb-94

Incident Energy (MeV)

68

