

Program EVALPLOT
(Version 2015-2)

by

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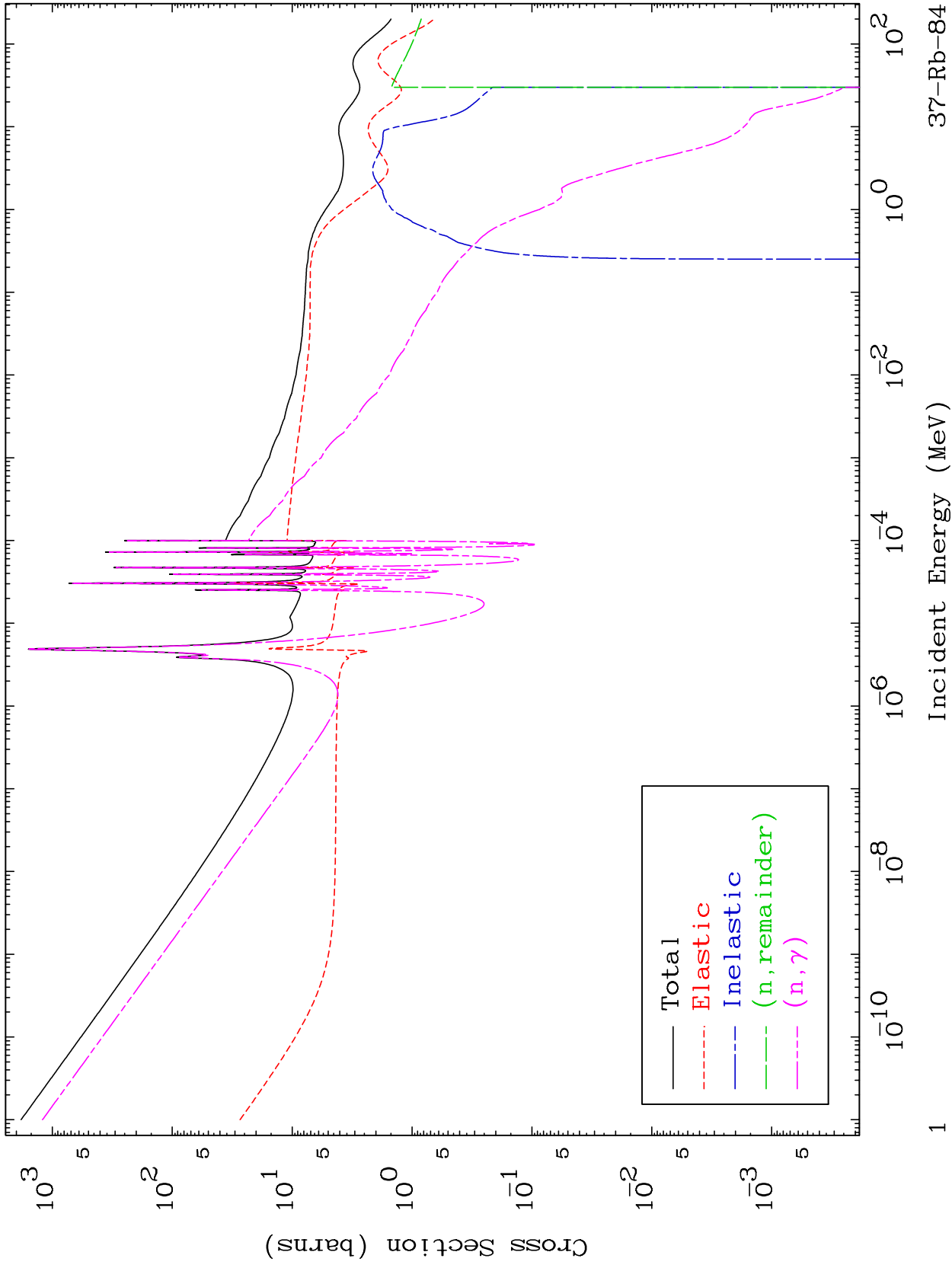
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3722

Major
293 Kelvin Cross Sections

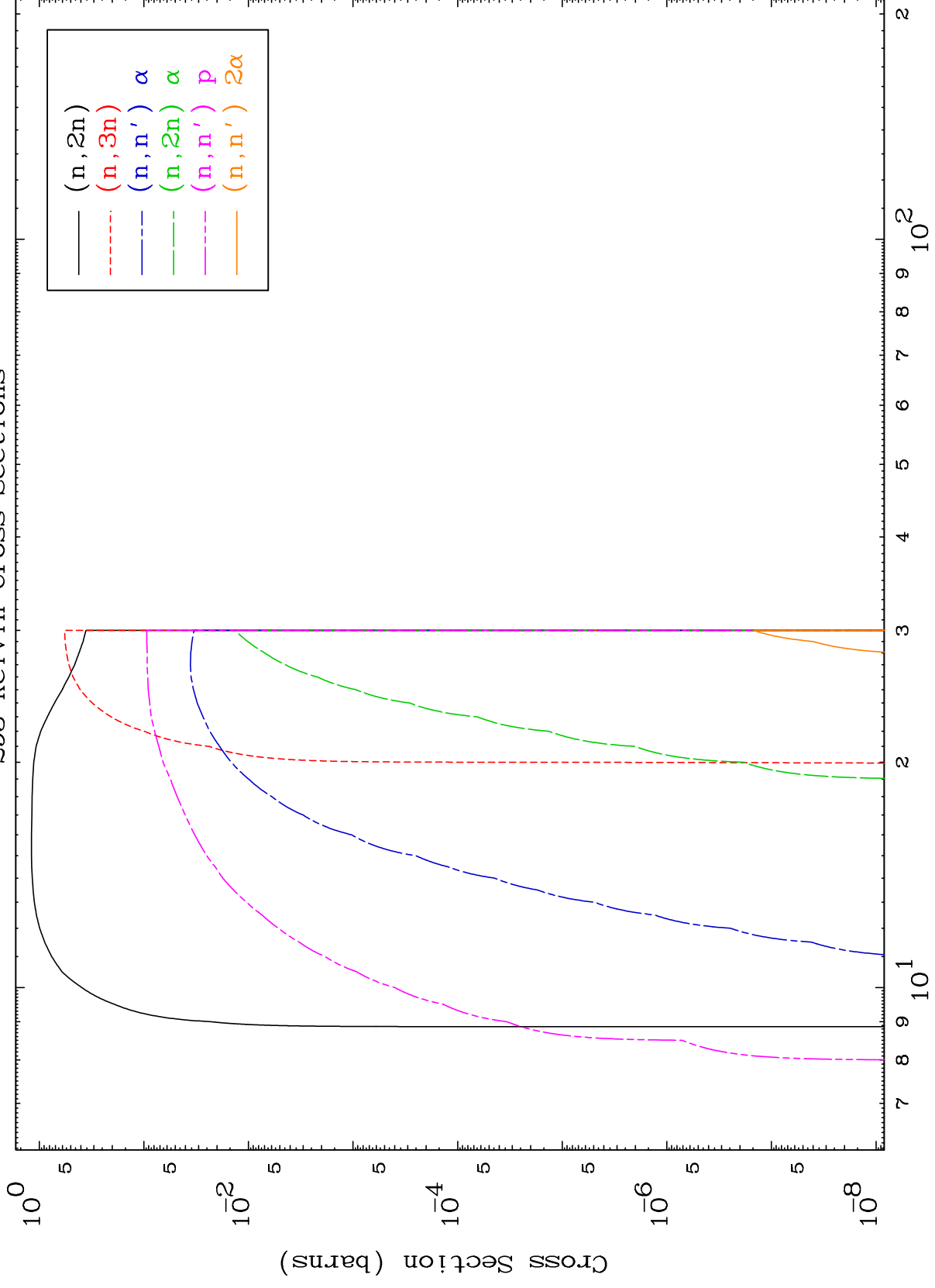
37-Rb-84

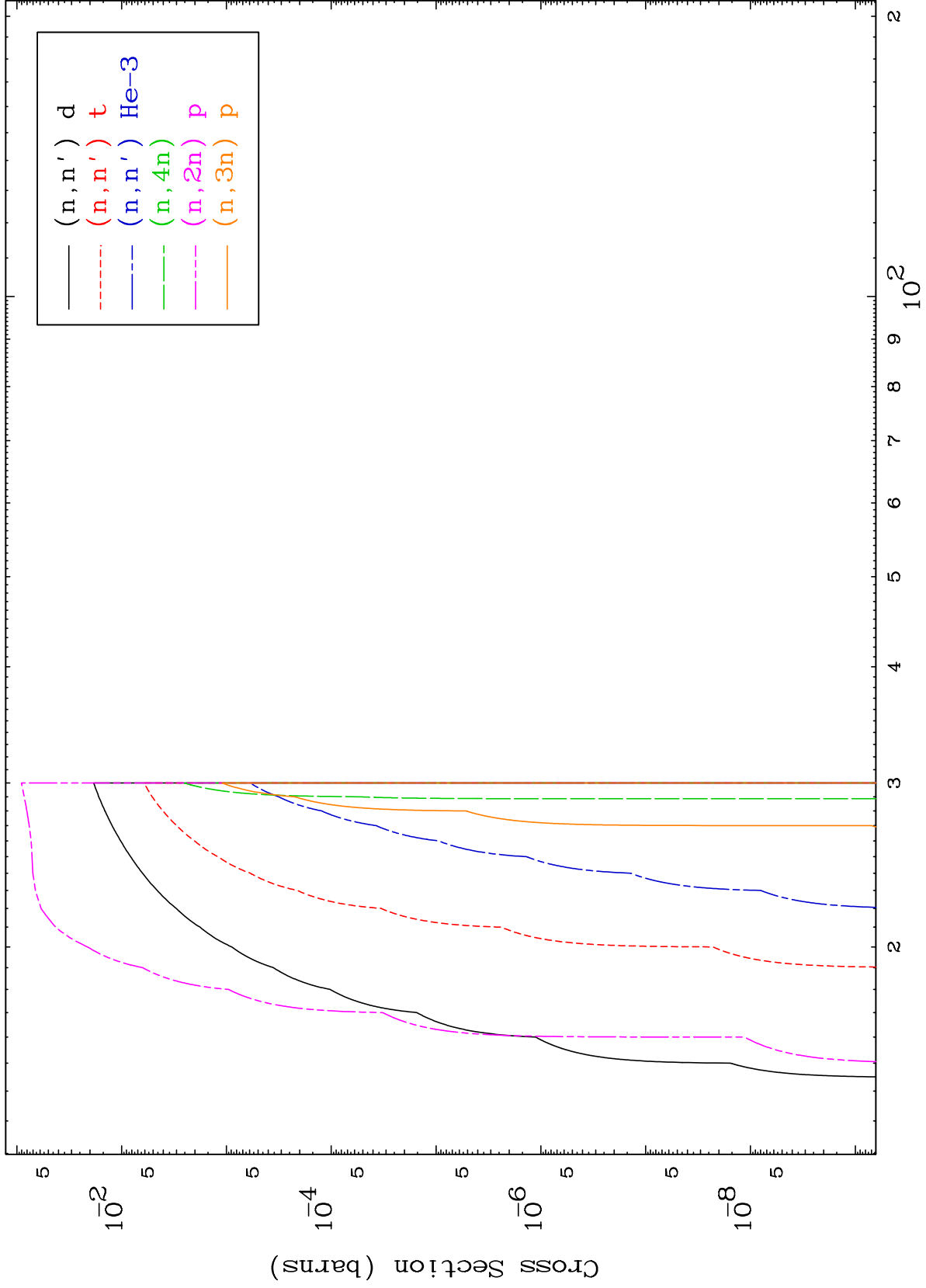


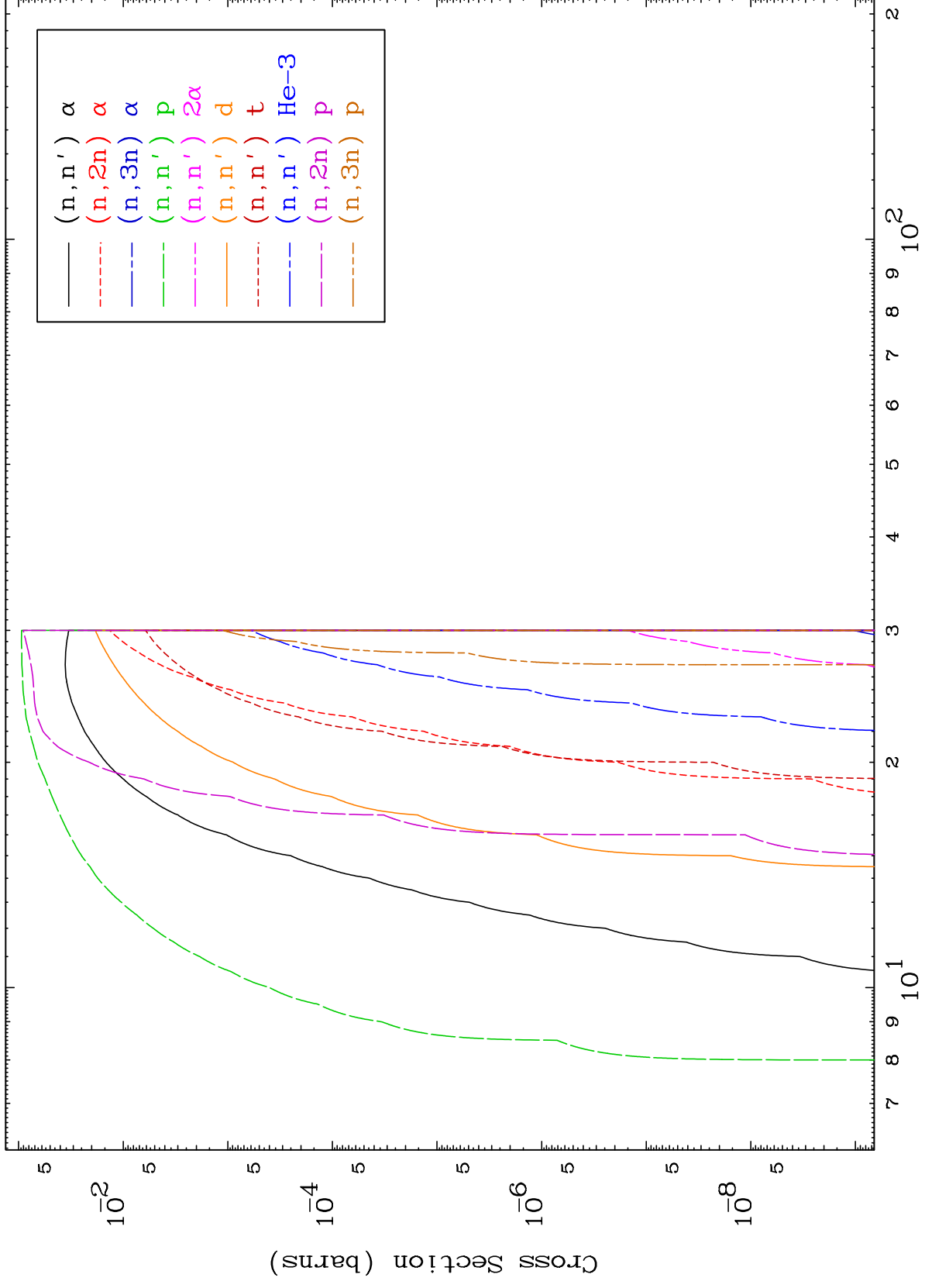
1

Incident Energy (MeV)

37-Rb-84



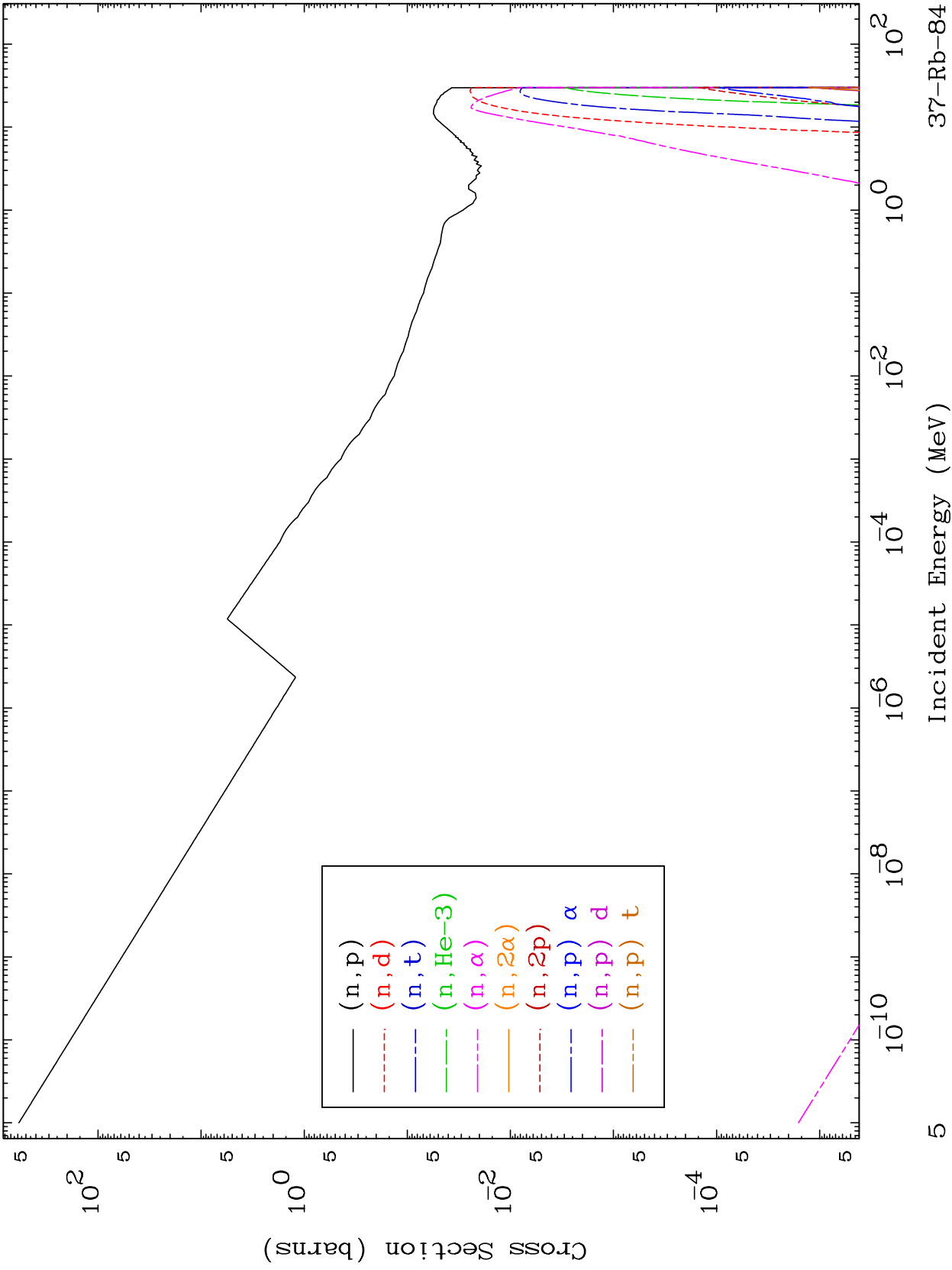




MAT 3722

Charged Particle
293 Kelvin Cross Sections

37-Rb-84



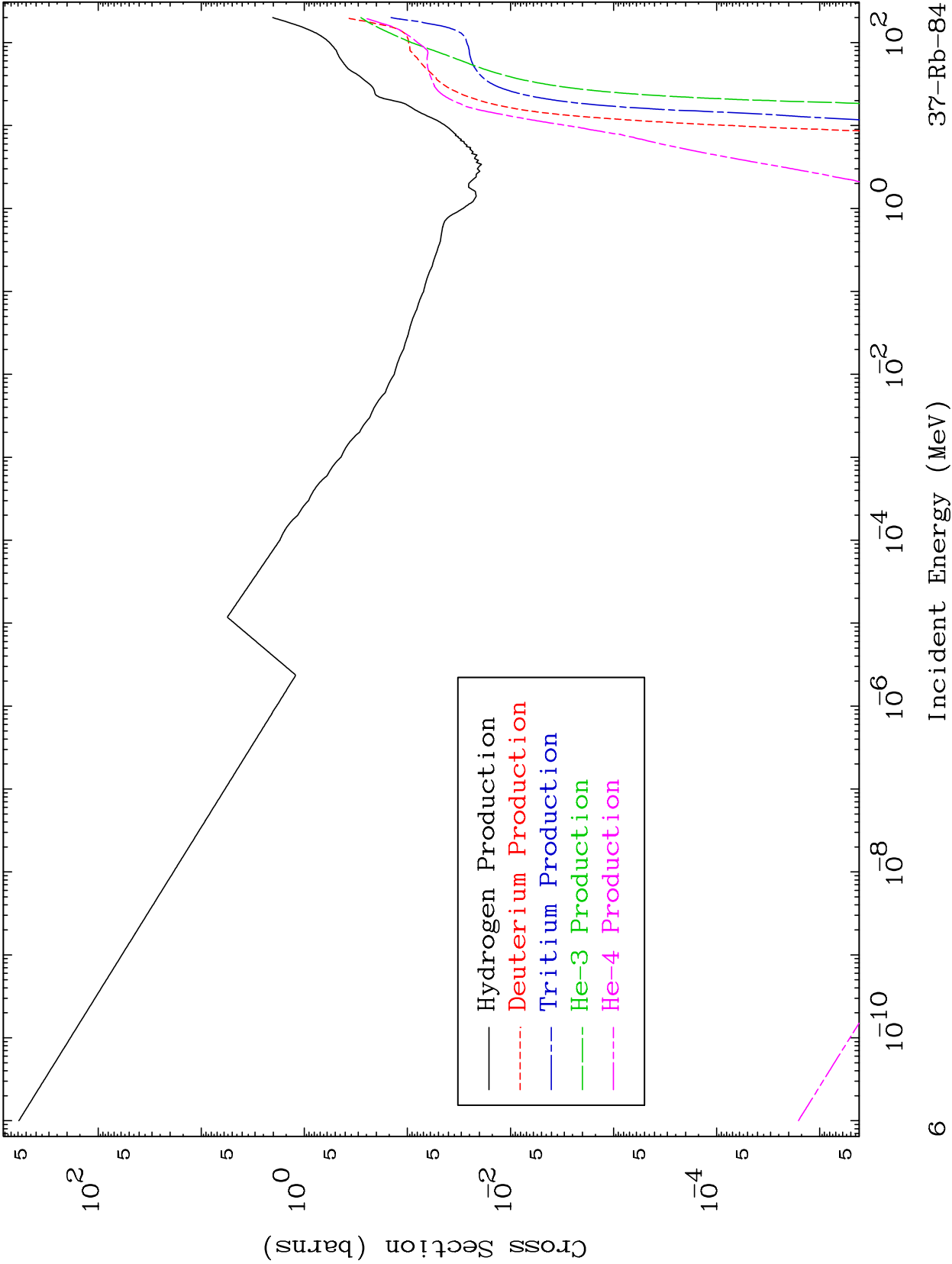
5

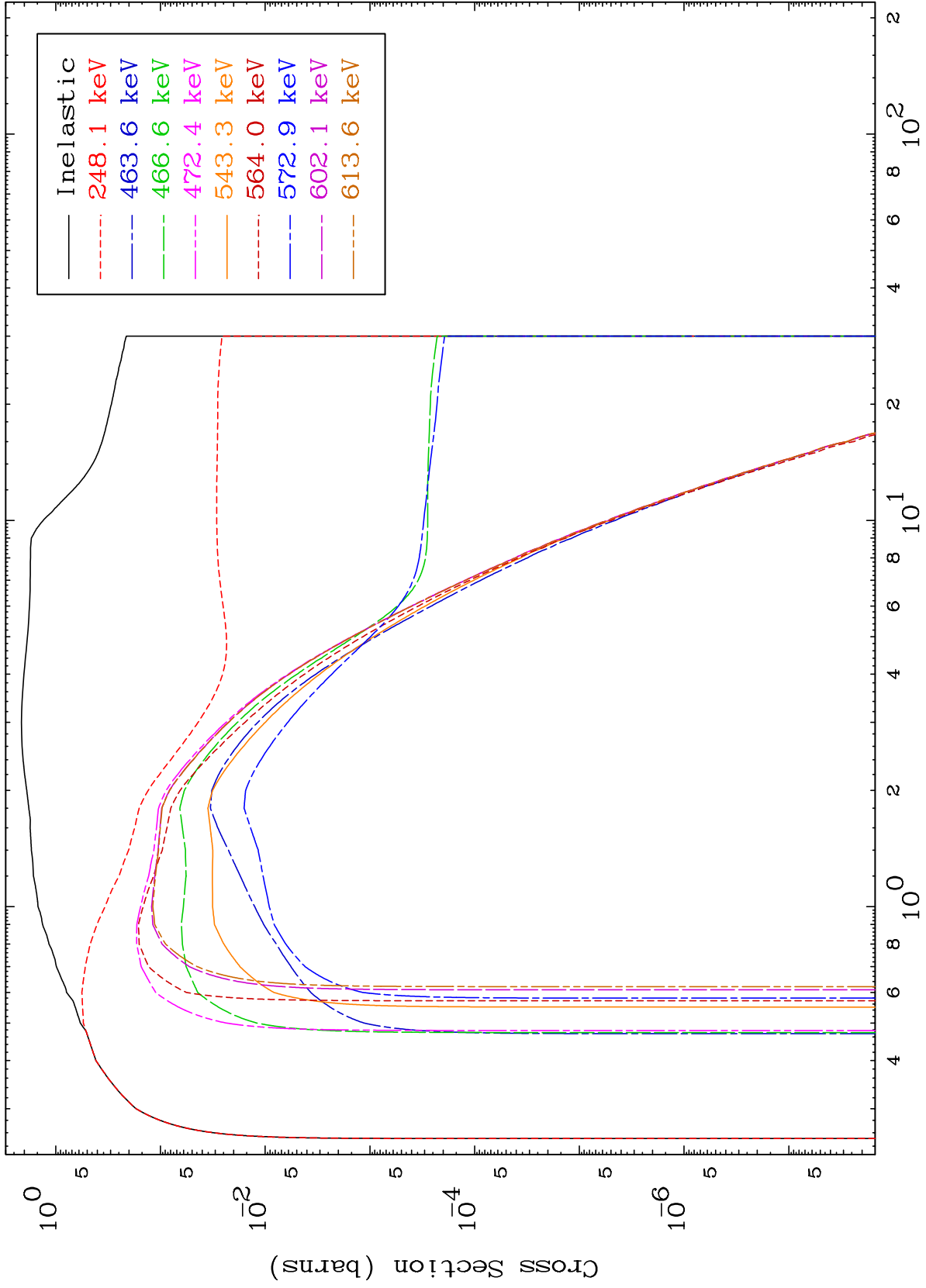
37-Rb-84

MAT 3722

Particle Production
293 Kelvin Cross Sections

37-Rb-84

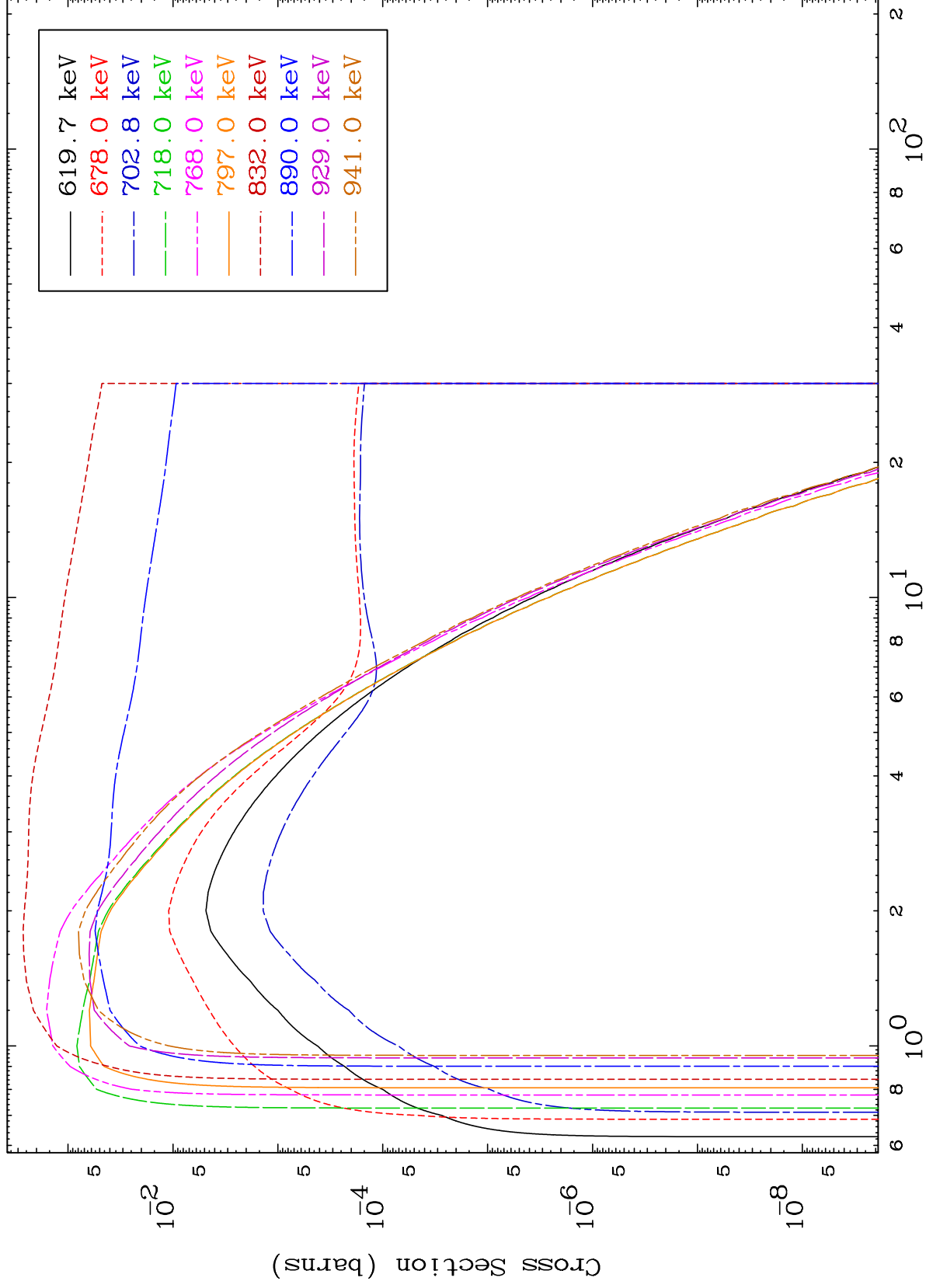




MAT 3722

(n,n') Level
293 Kelvin Cross Sections

37-Rb-84



8

Incident Energy (MeV)

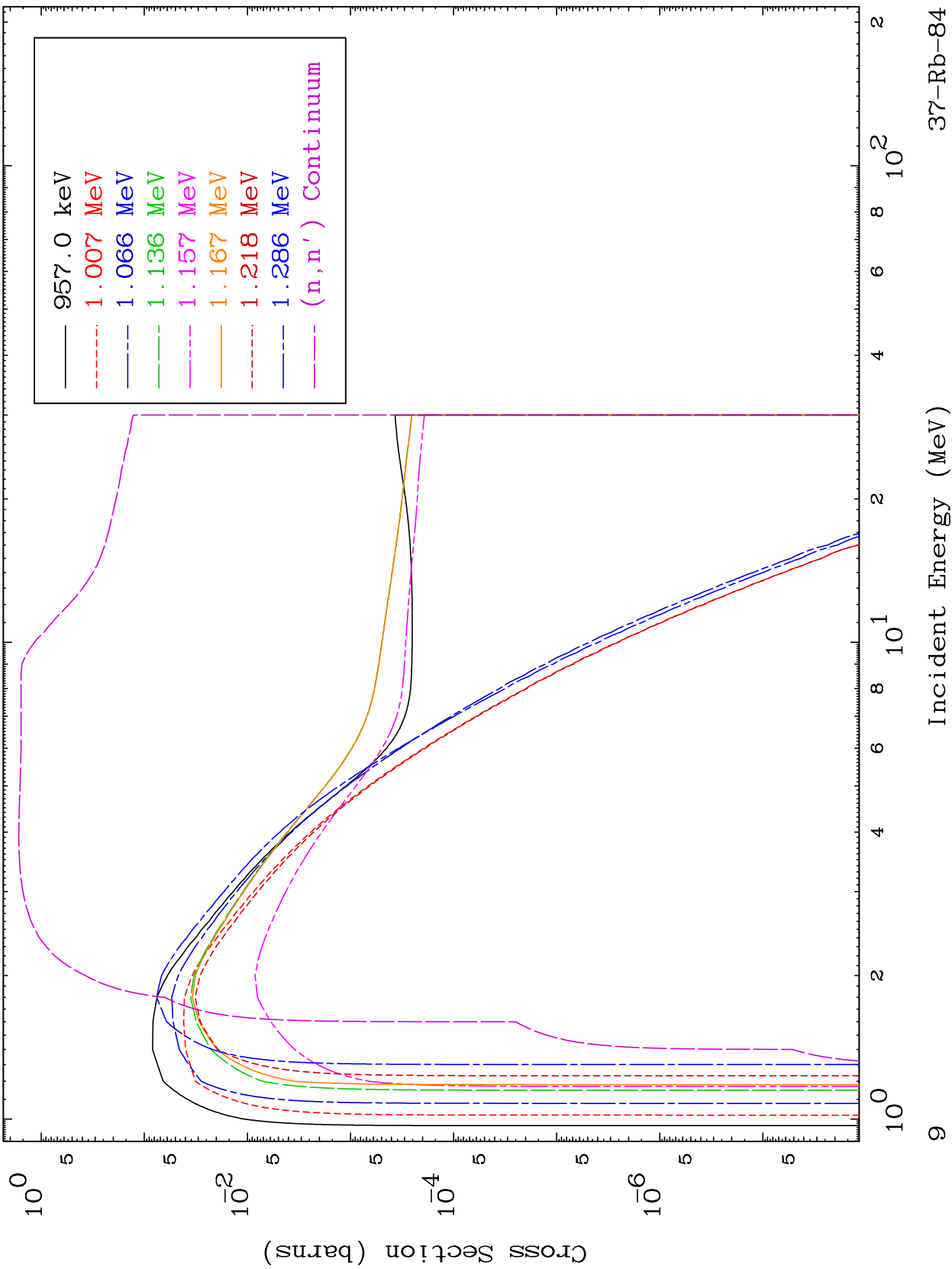
37-Rb-84

MAT 3722

(n,n') Level

37-Rb-84

293 Kelvin Cross Sections



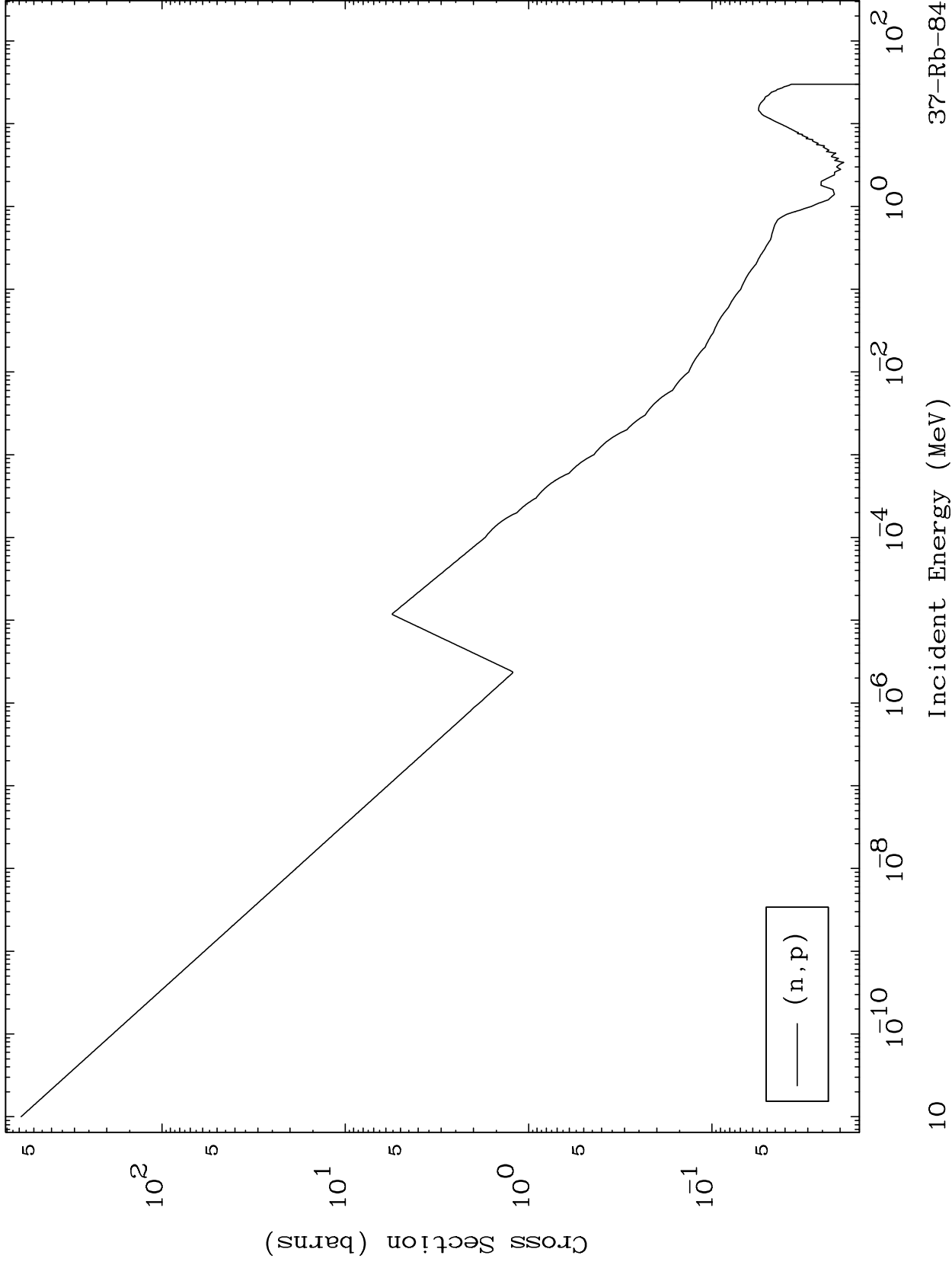
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-84



10

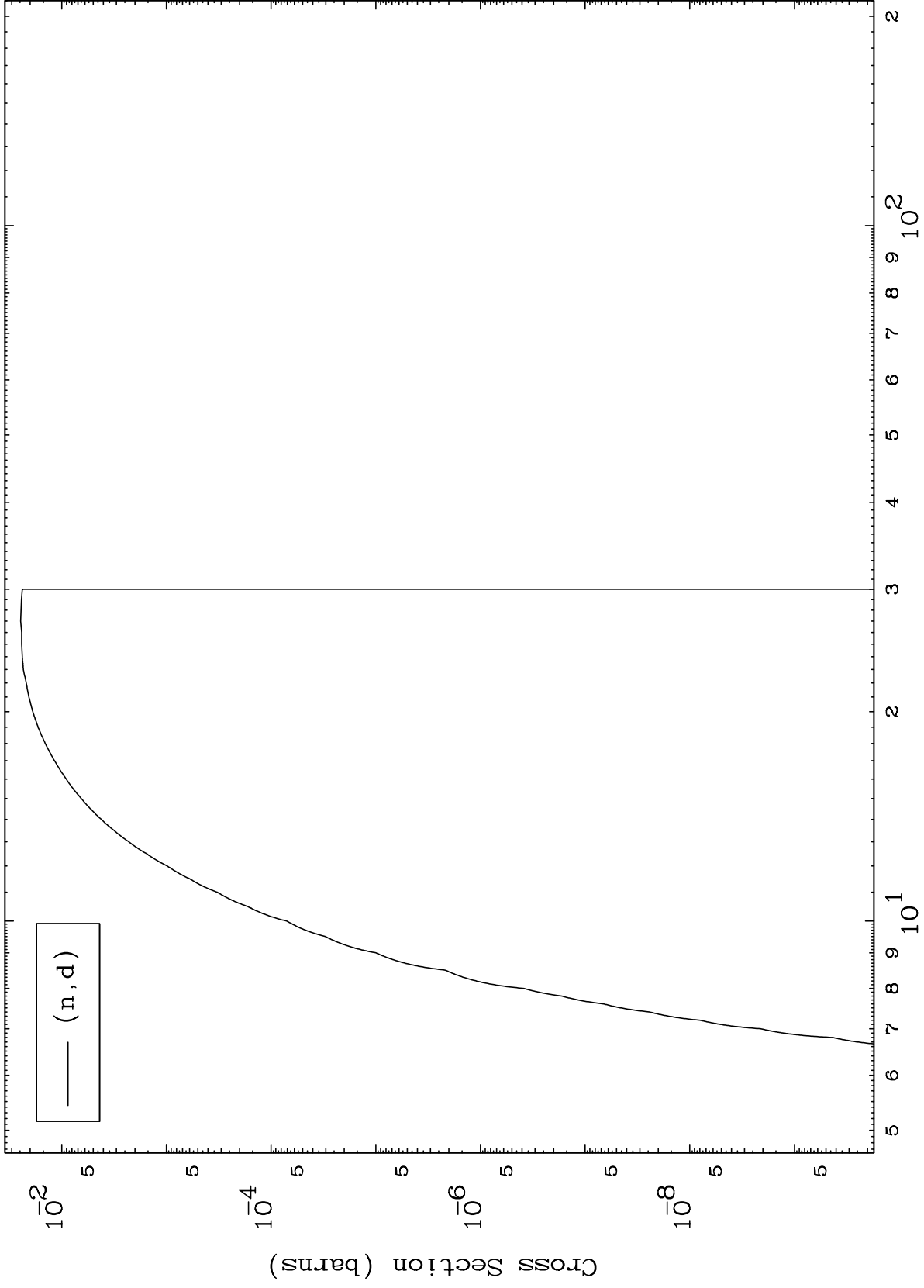
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-84

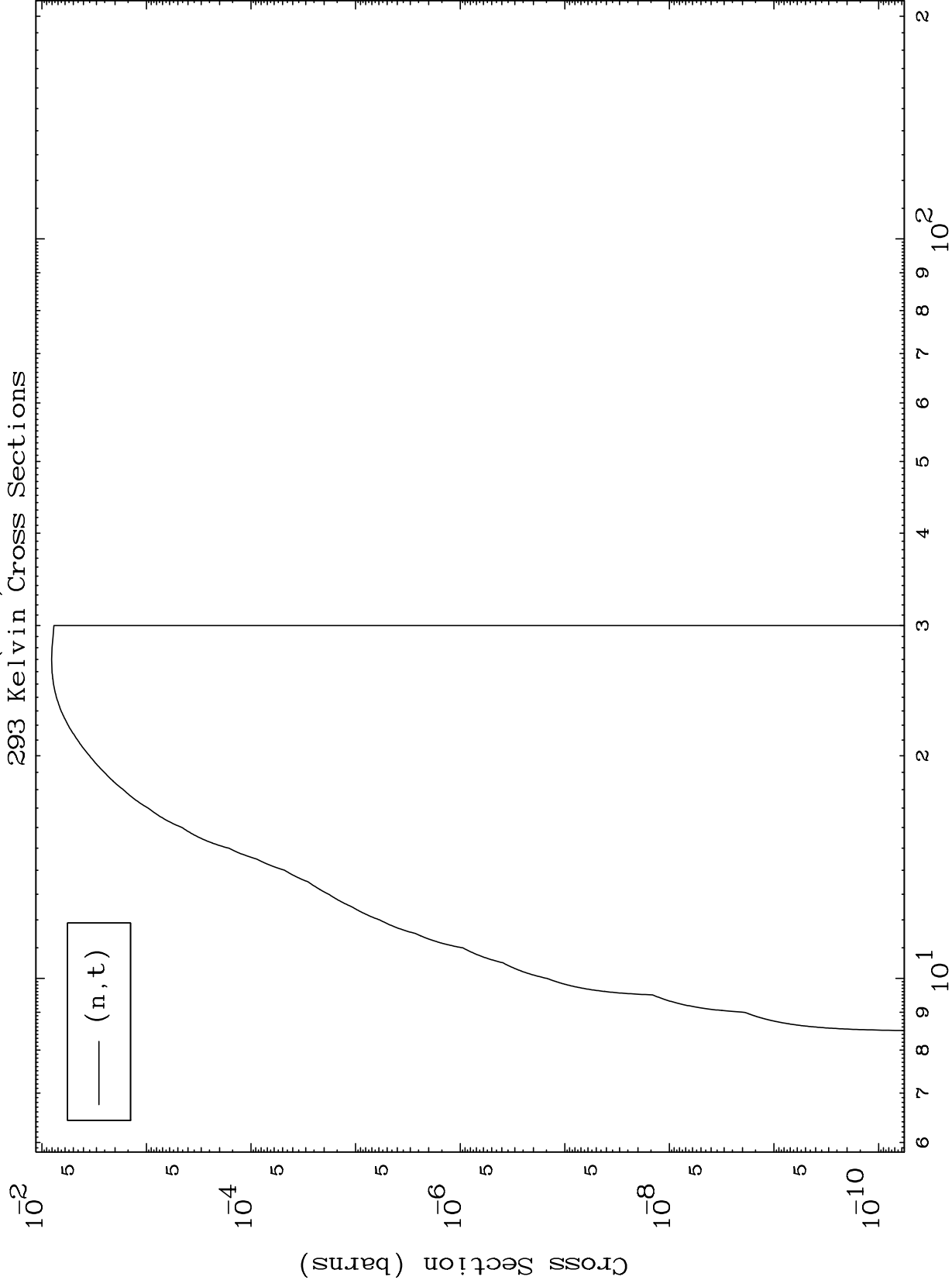


— (n,d)

MAT 3722

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-84



12

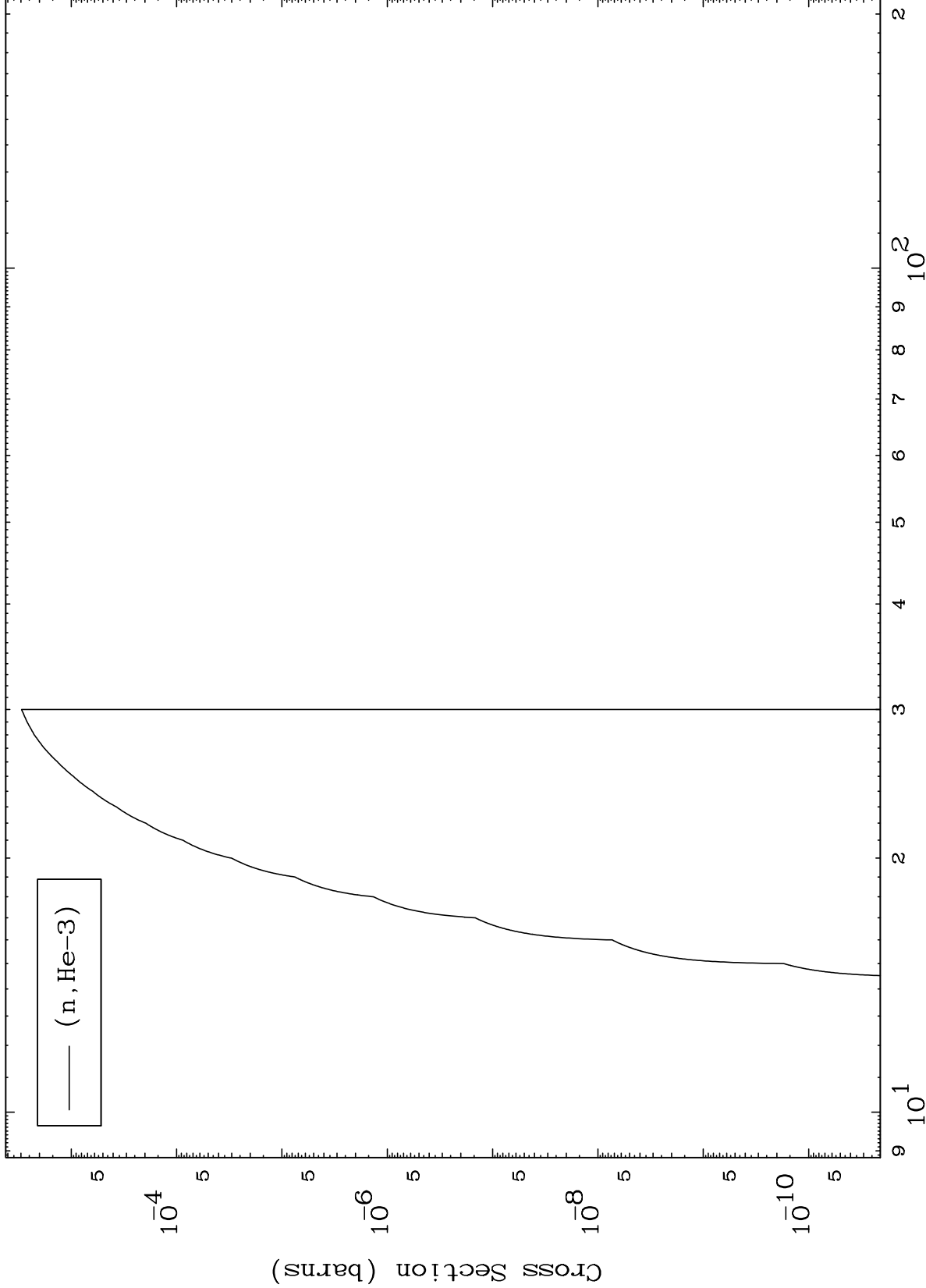
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-84



13

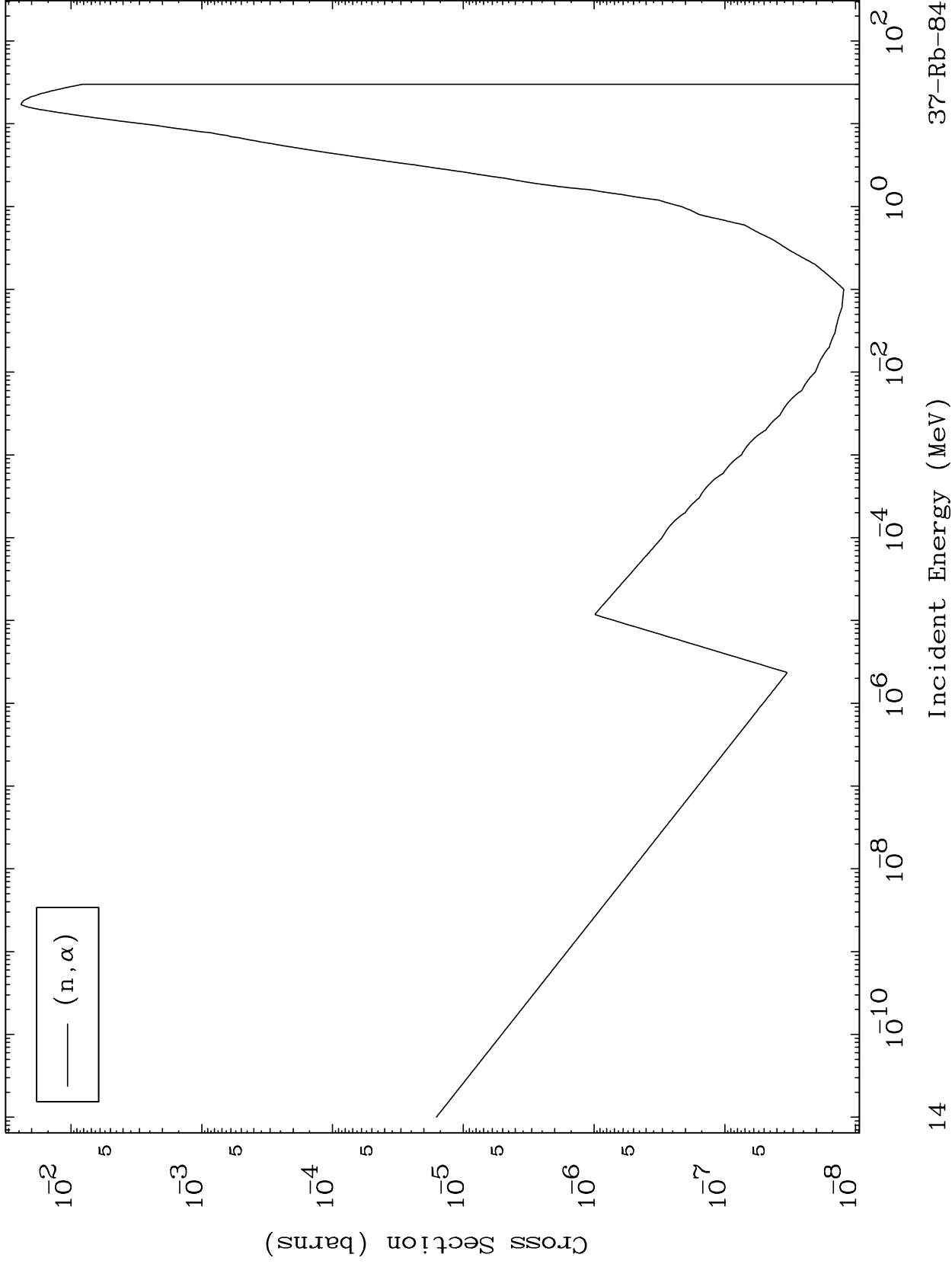
Incident Energy (MeV)

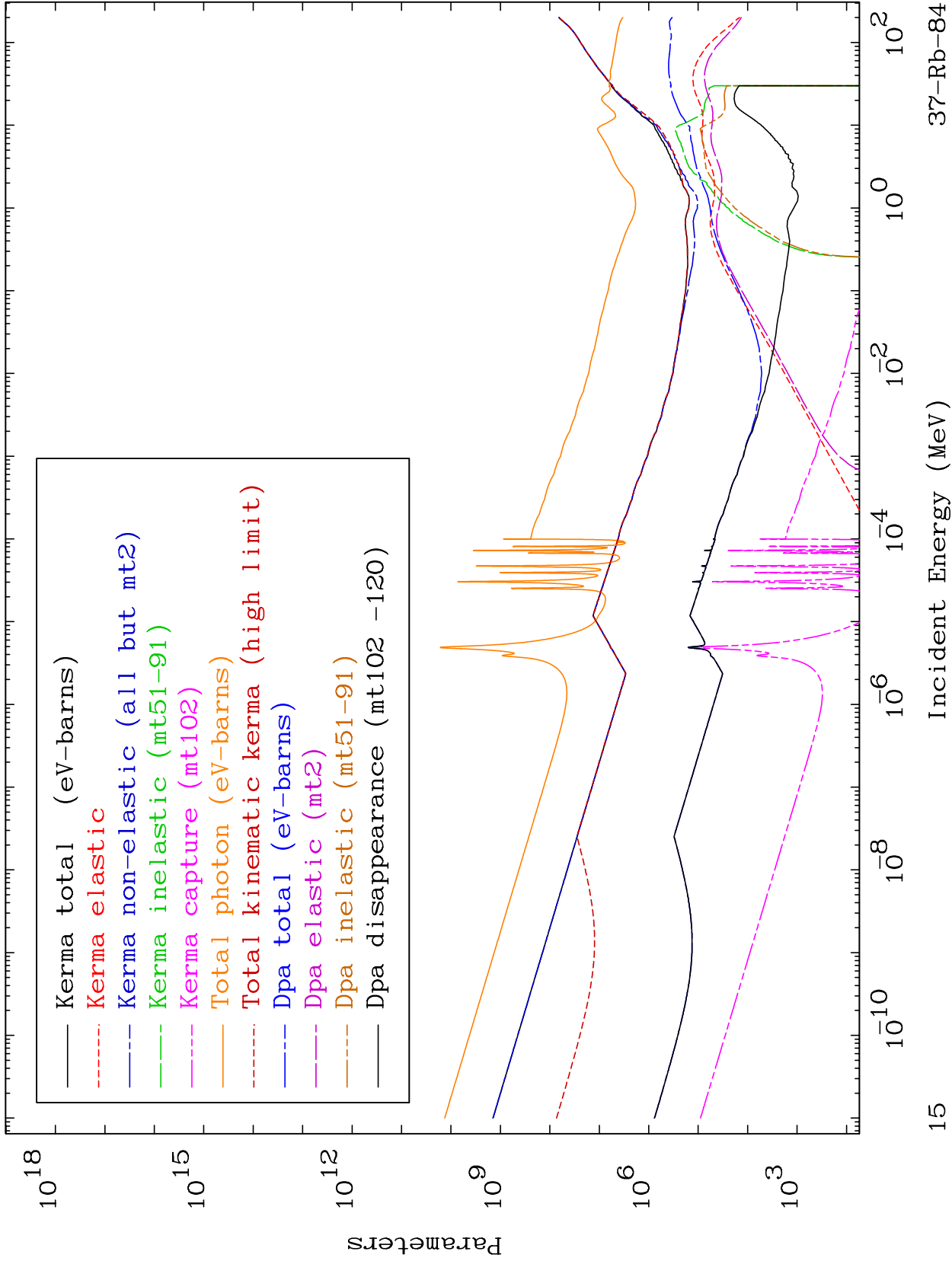
37-Rb-84

MAT 3722

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-84

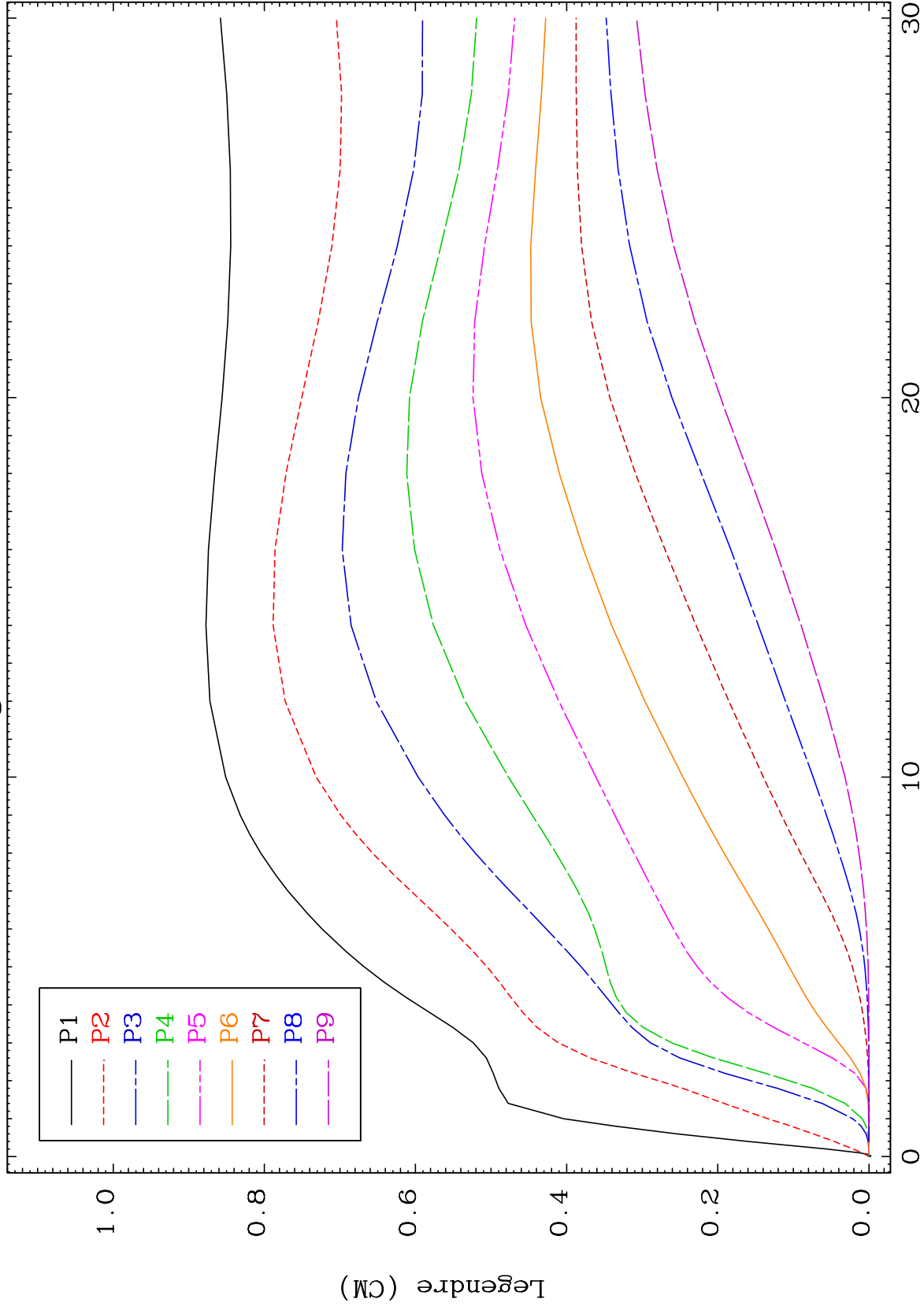




MAT 3722

Elastic Legendre Coefficients

³⁷Rb-84



16

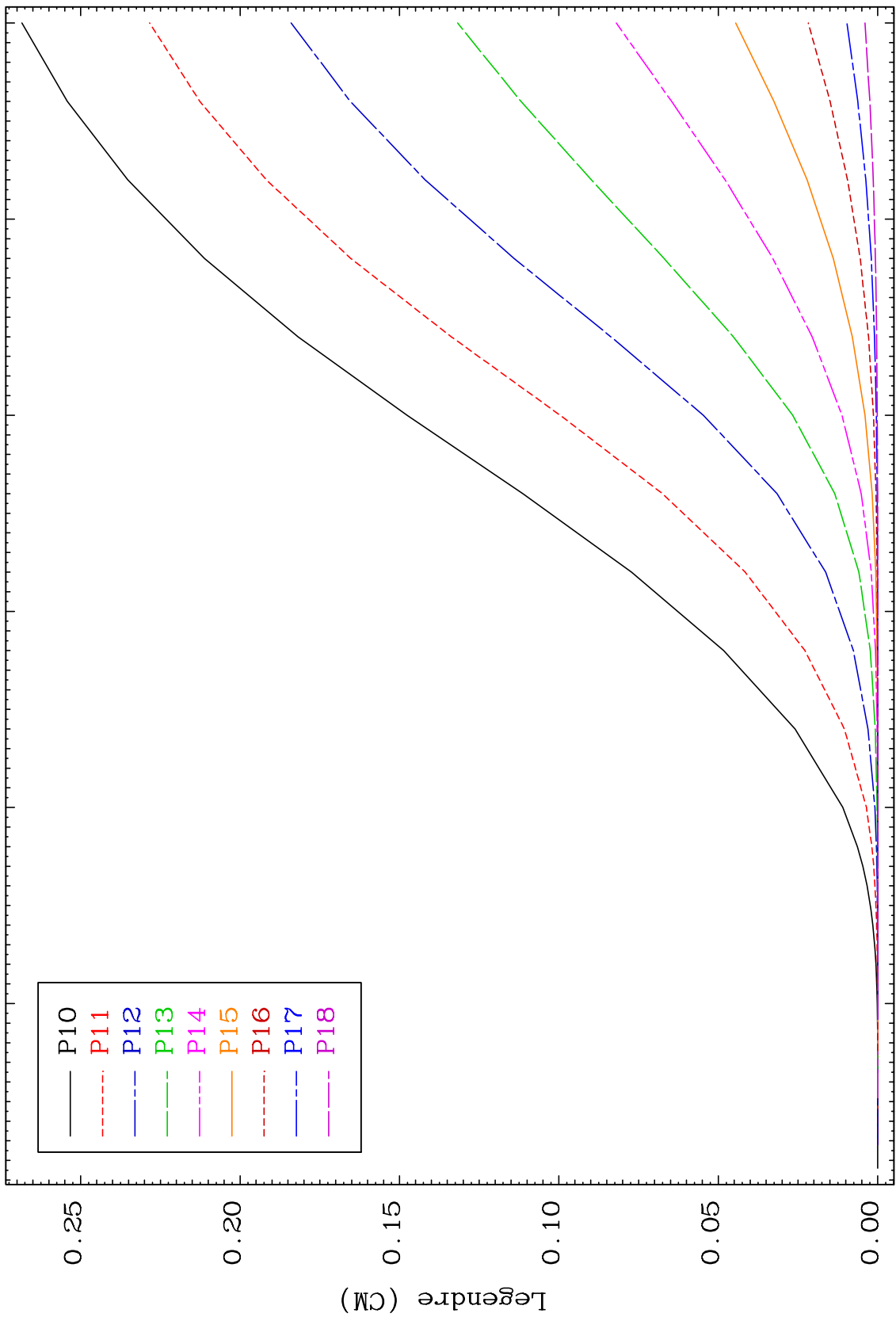
Incident Energy (MeV)

³⁷Rb-84

MAT 3722

Elastic Legendre Coefficients

37-Rb-84



17

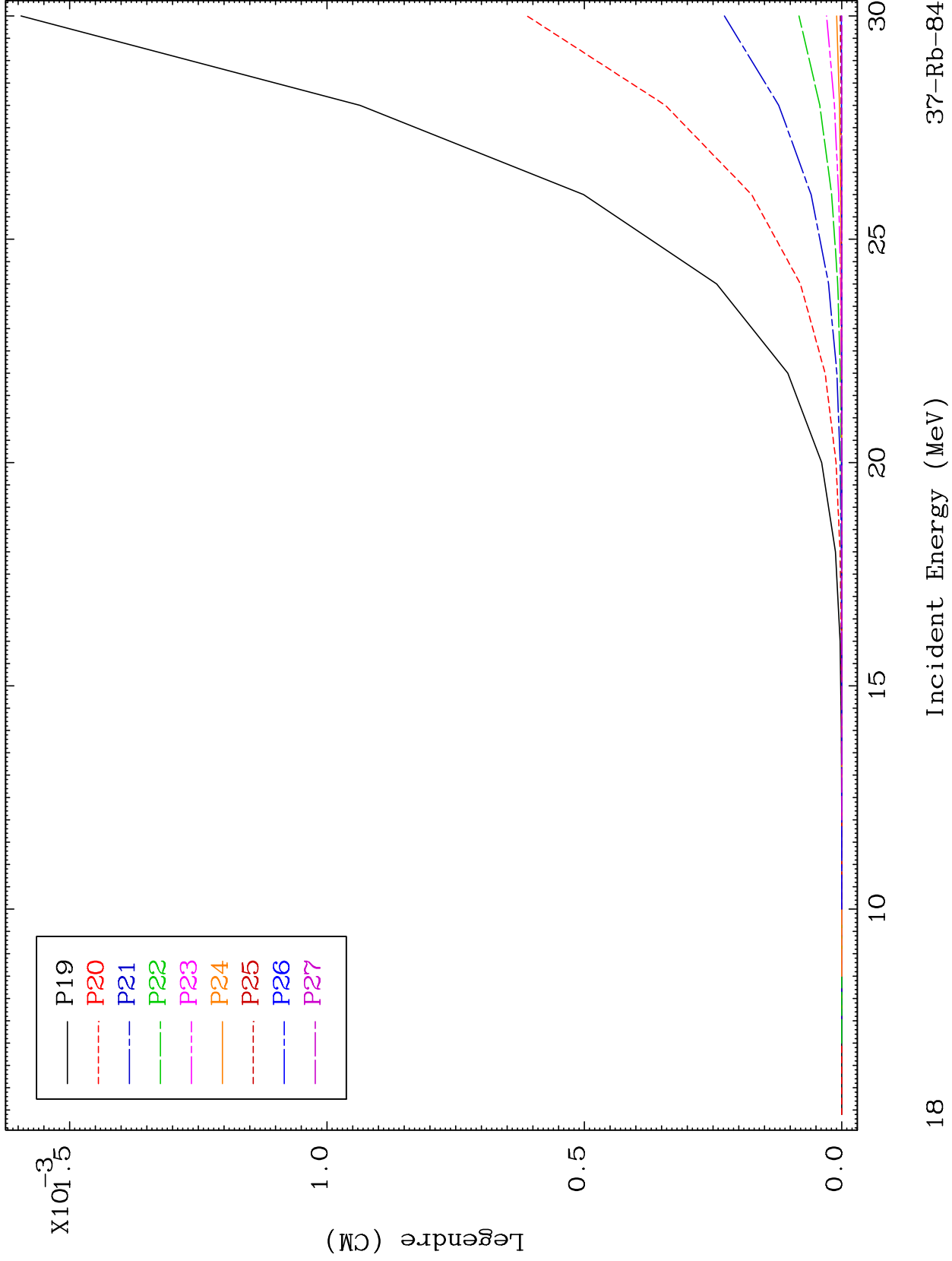
37-Rb-84

Incident Energy (MeV)

MAT 3722

Elastic Legendre Coefficients

37-Rb-84



18

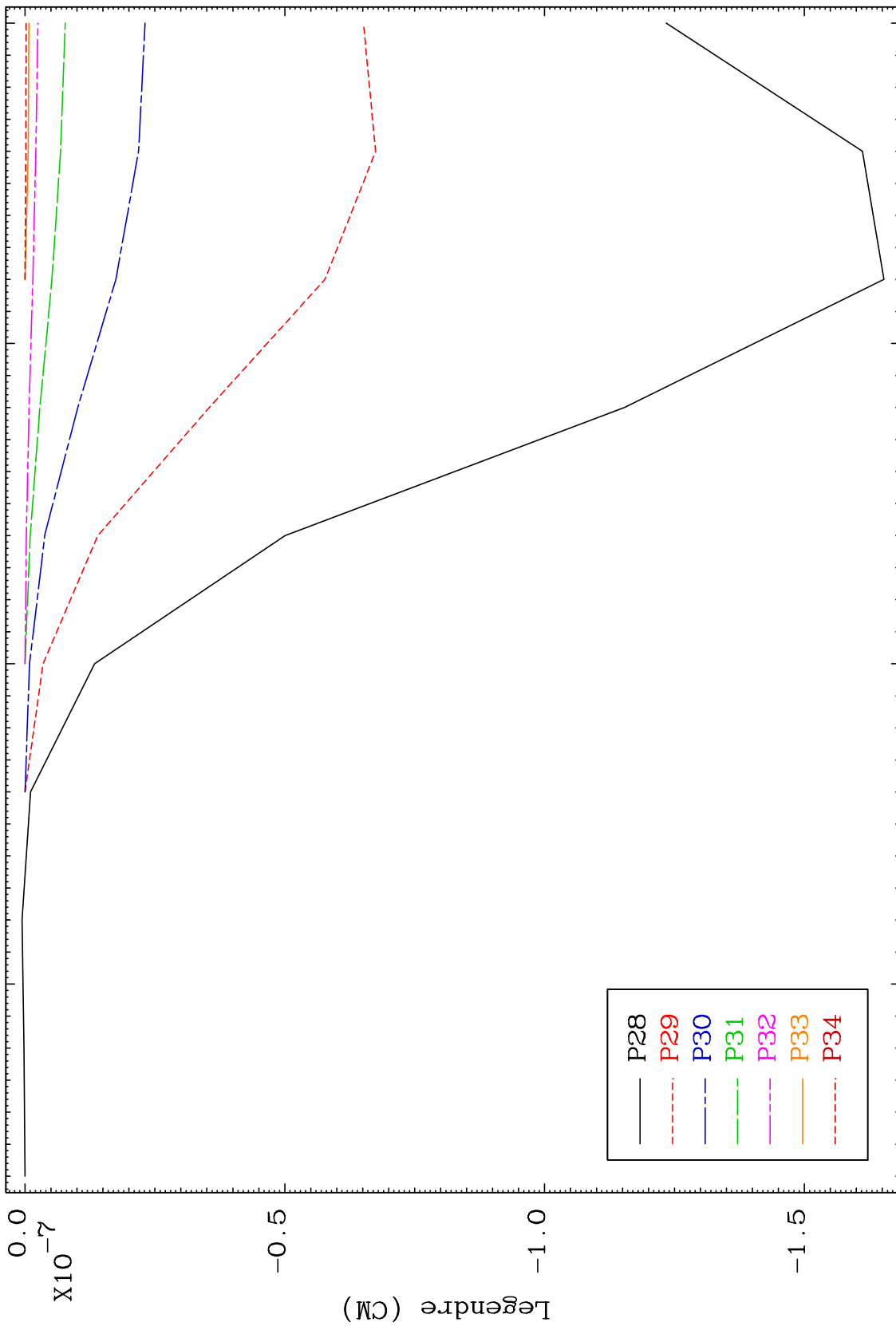
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

Elastic Legendre Coefficients



19

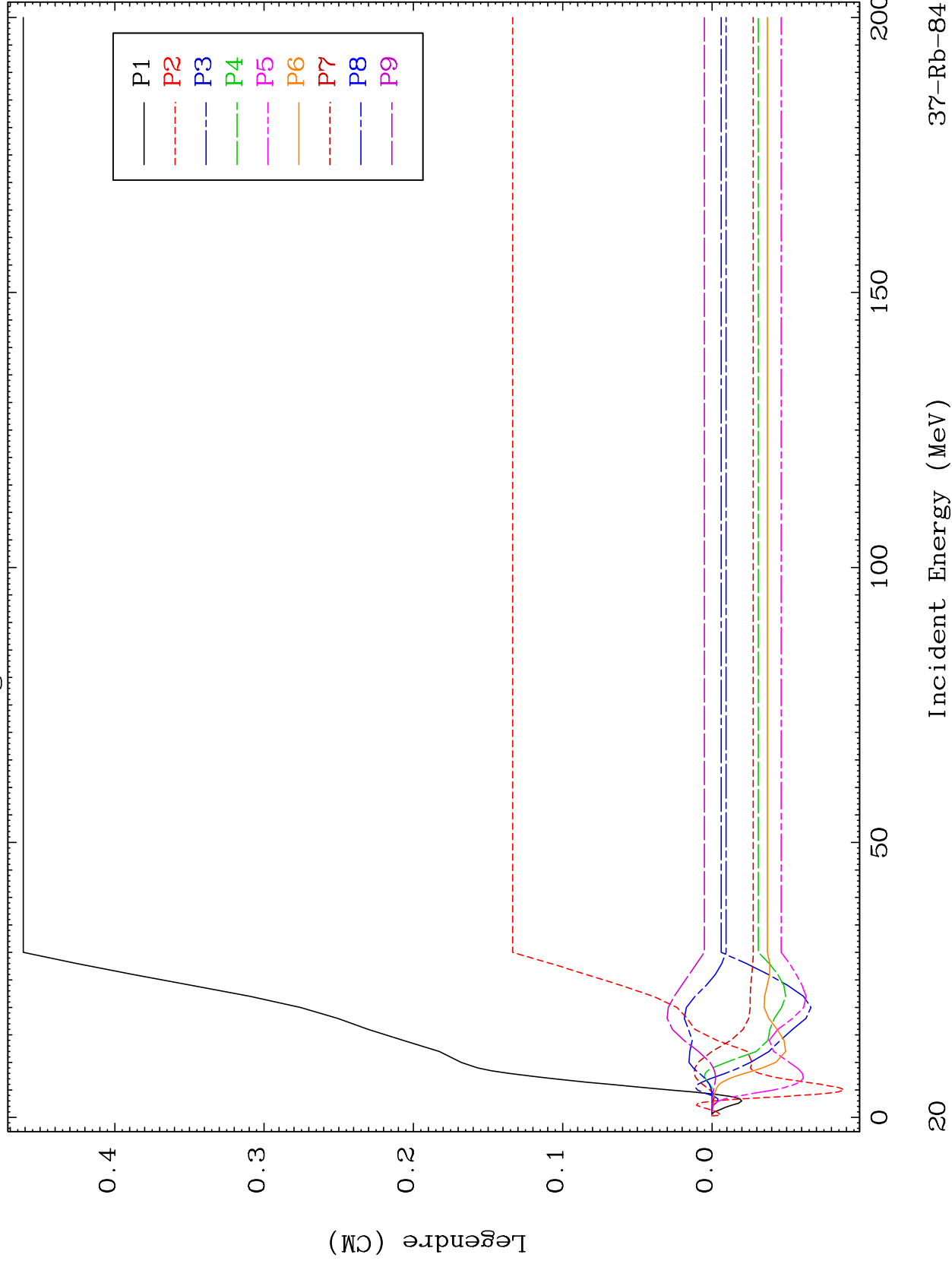
Incident Energy (MeV)

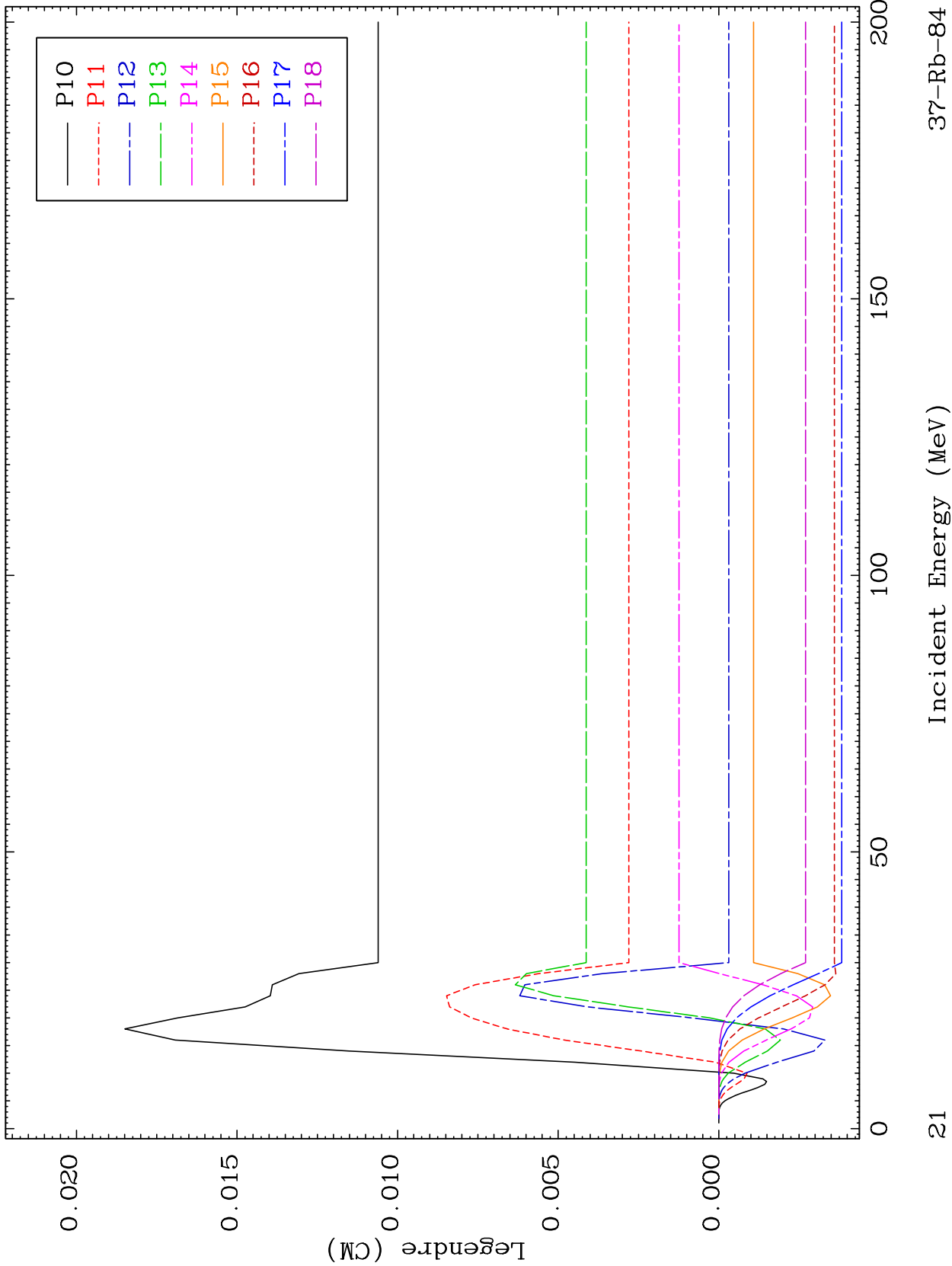
37-Rb-84

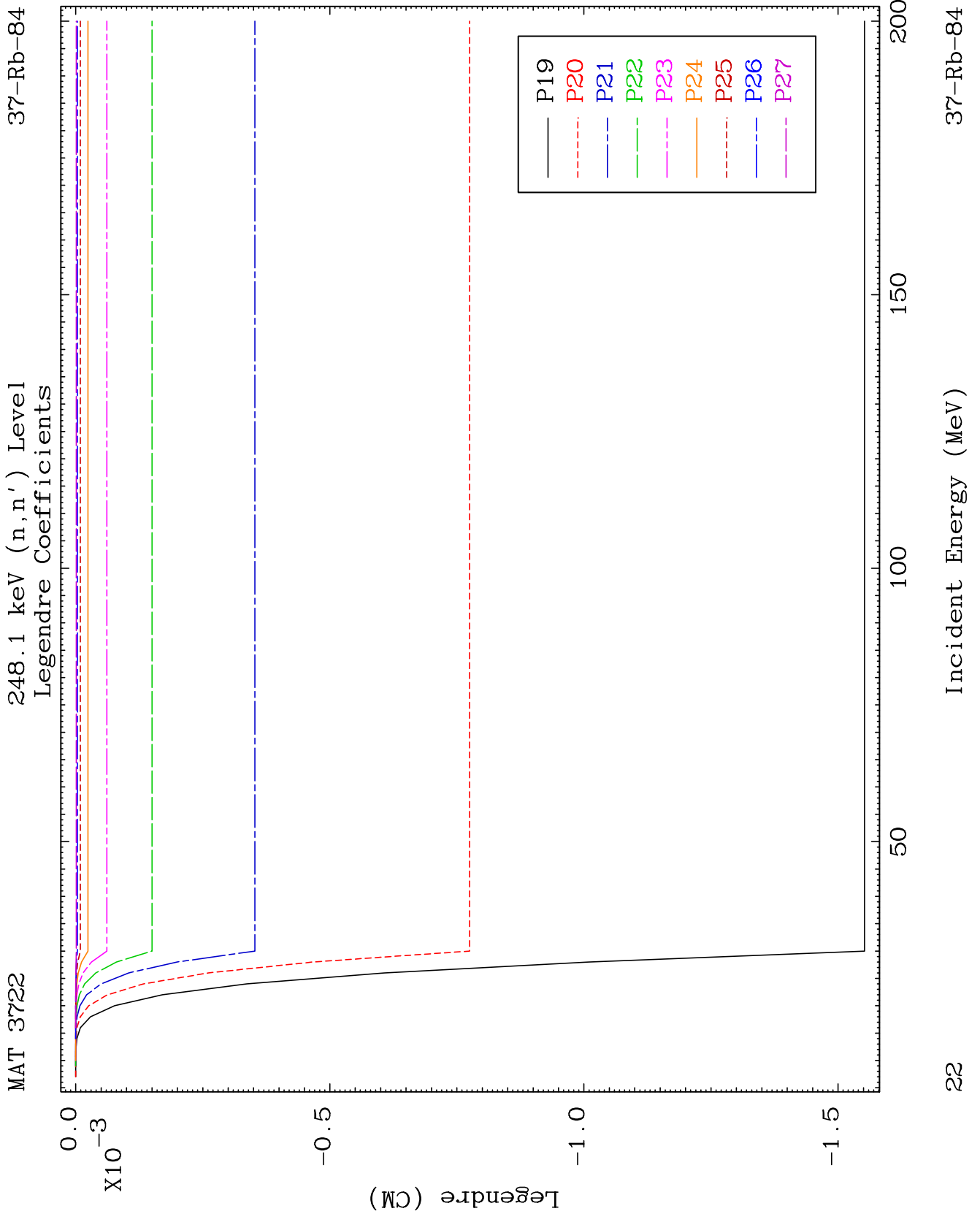
MAT 3722

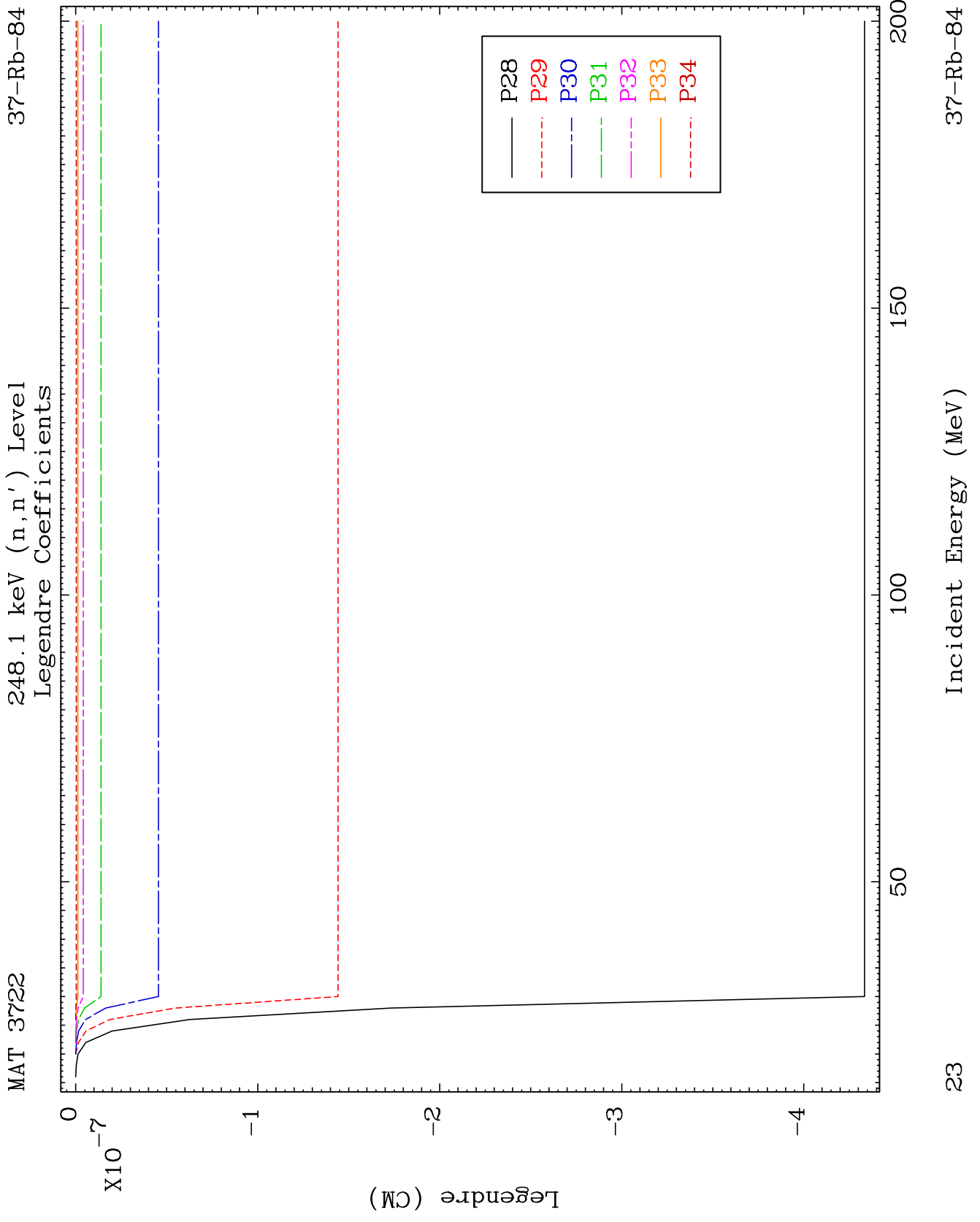
248.1 keV (n,n') Level
Legendre Coefficients

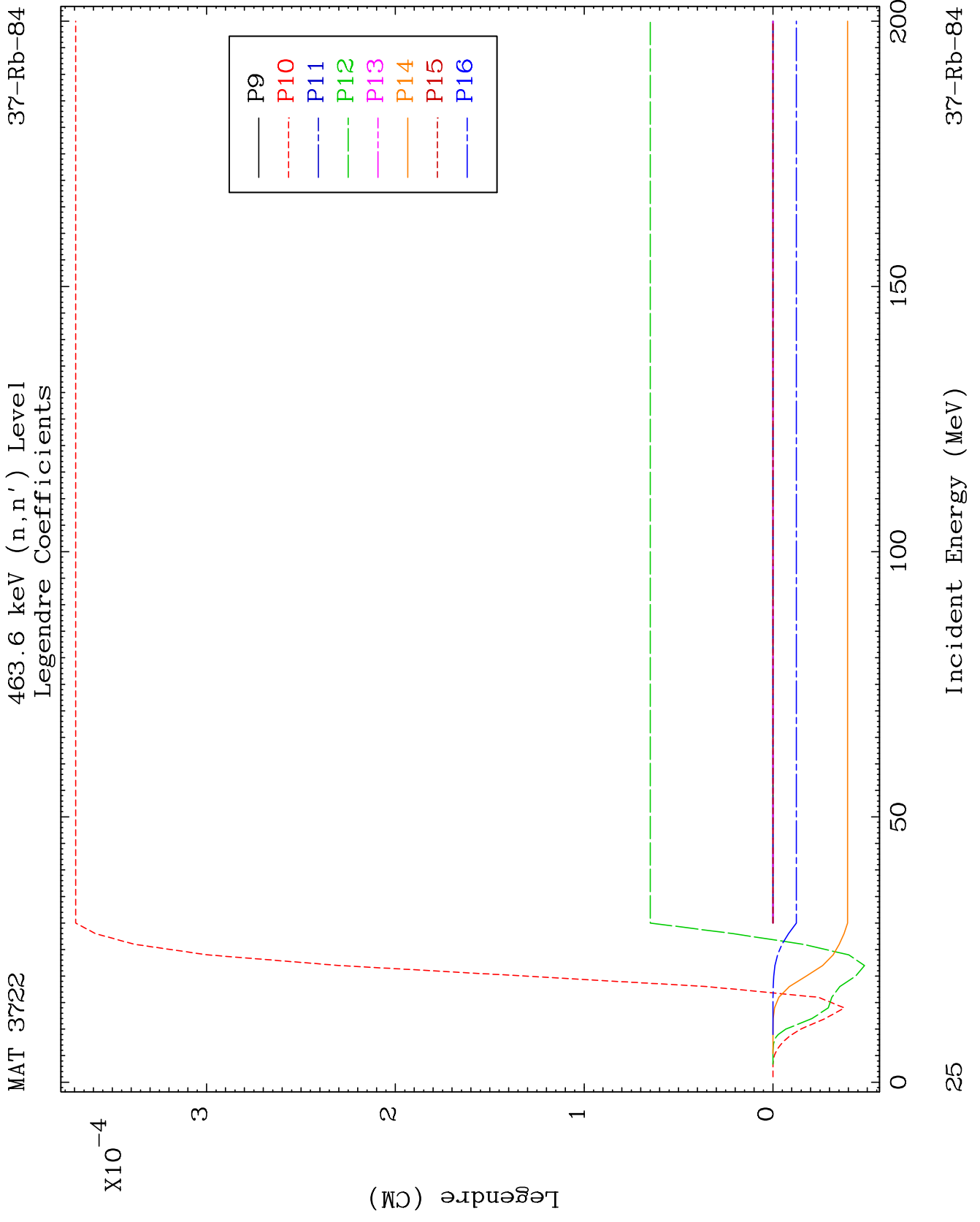
37-Rb-84

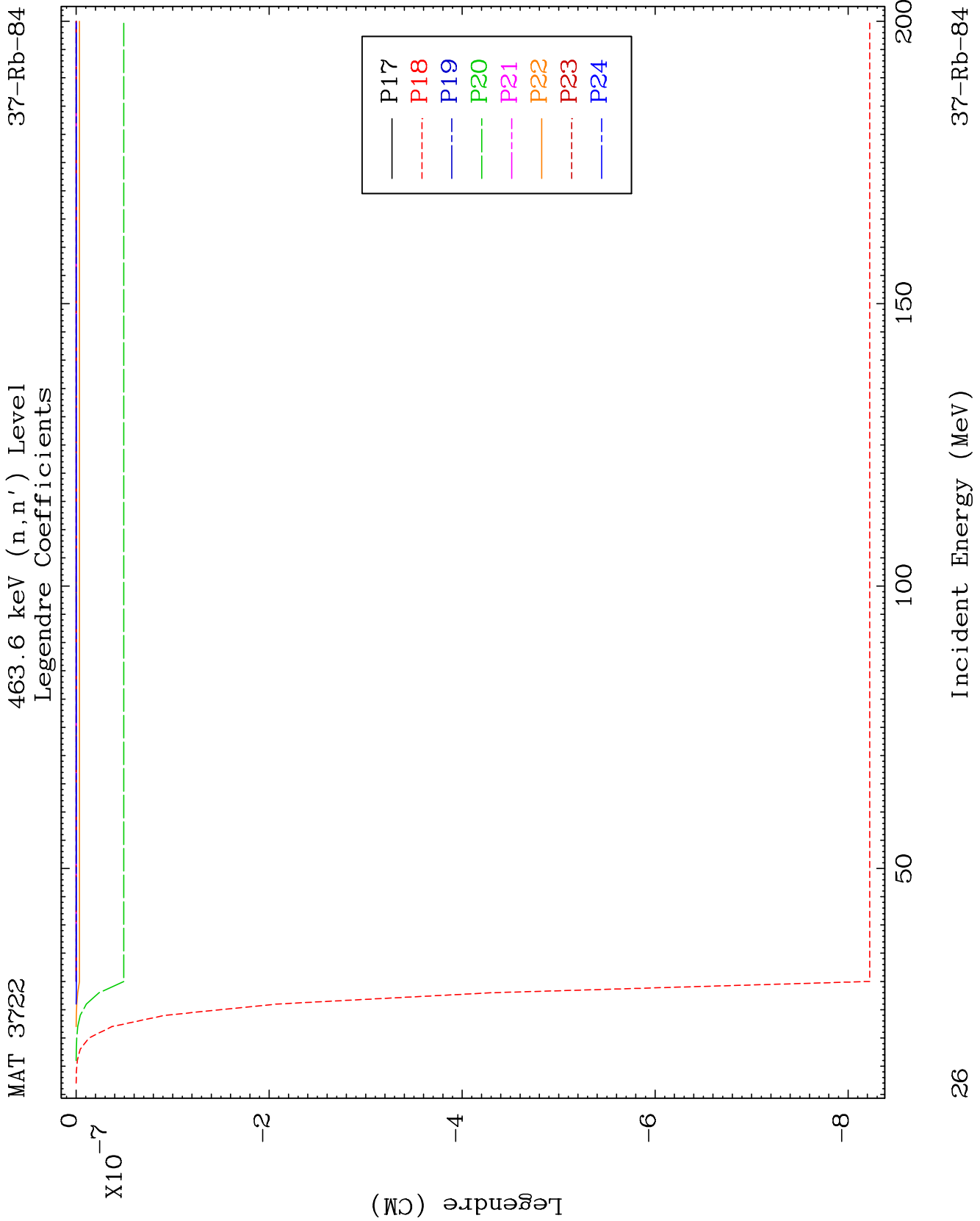








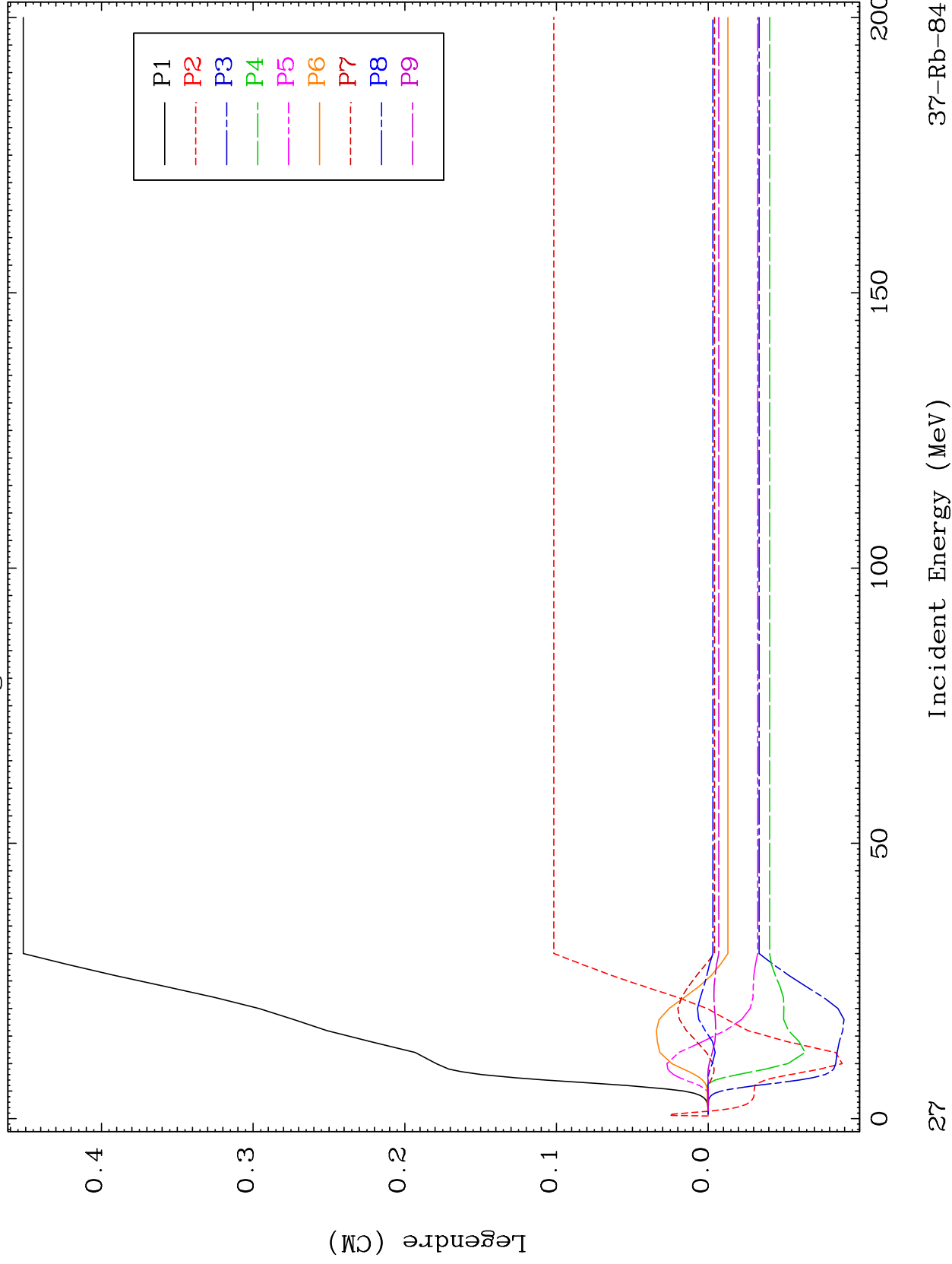




MAT 3722

466.6 keV (n,n') Level
Legendre Coefficients

37-Rb-84



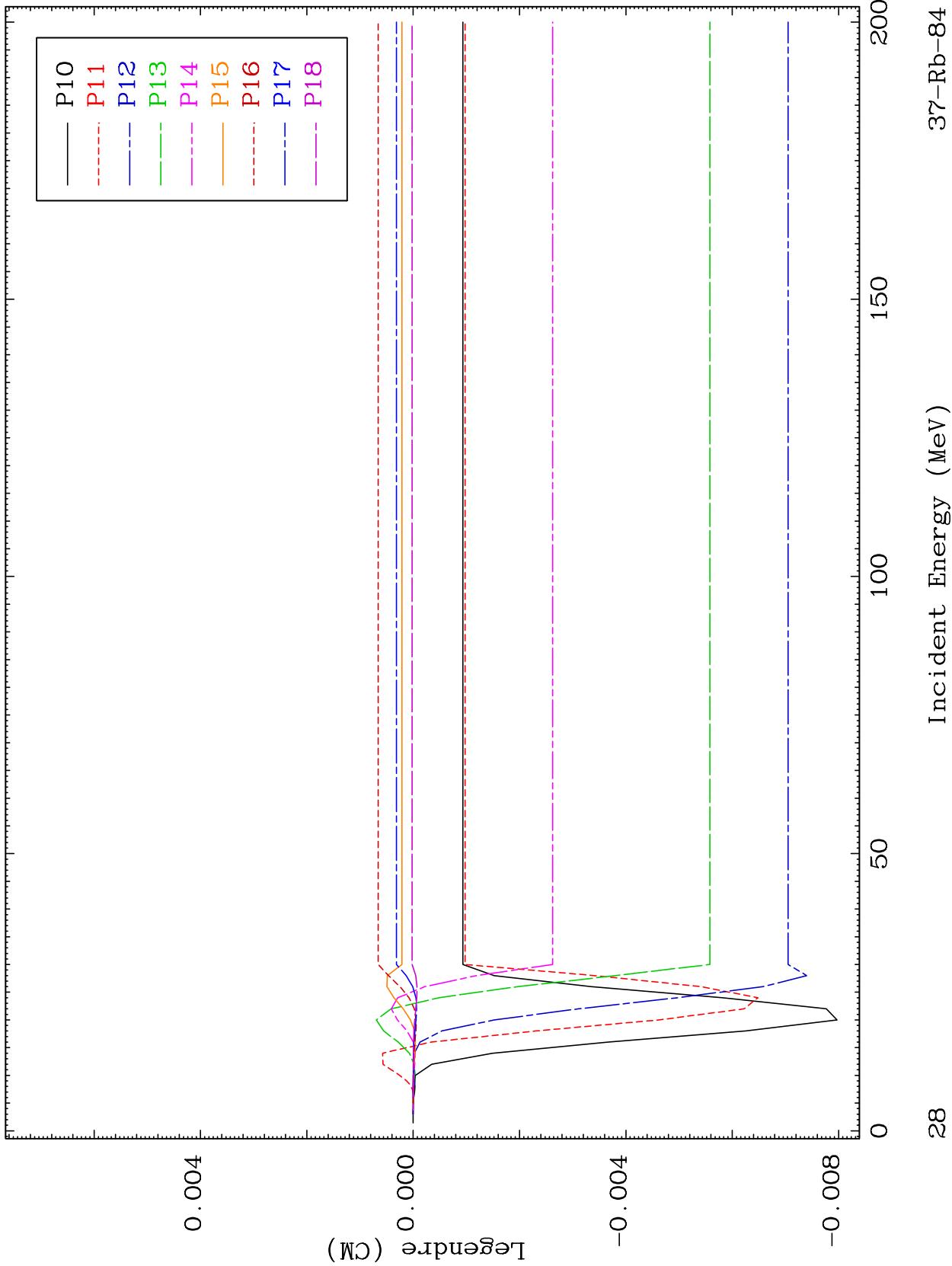
27

37-Rb-84

MAT 3722

466.6 keV (n,n') Level
Legendre Coefficients

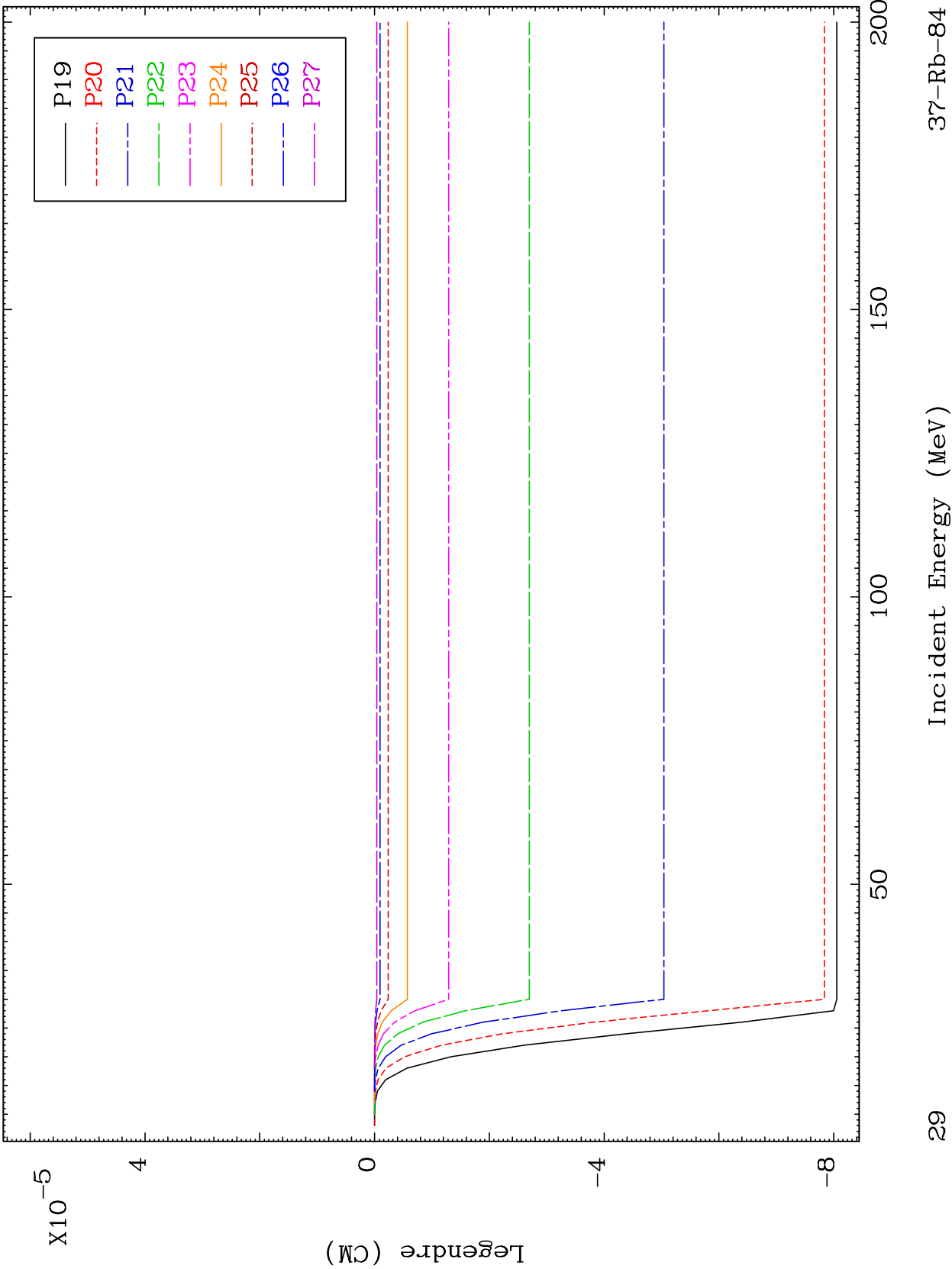
37-Rb-84

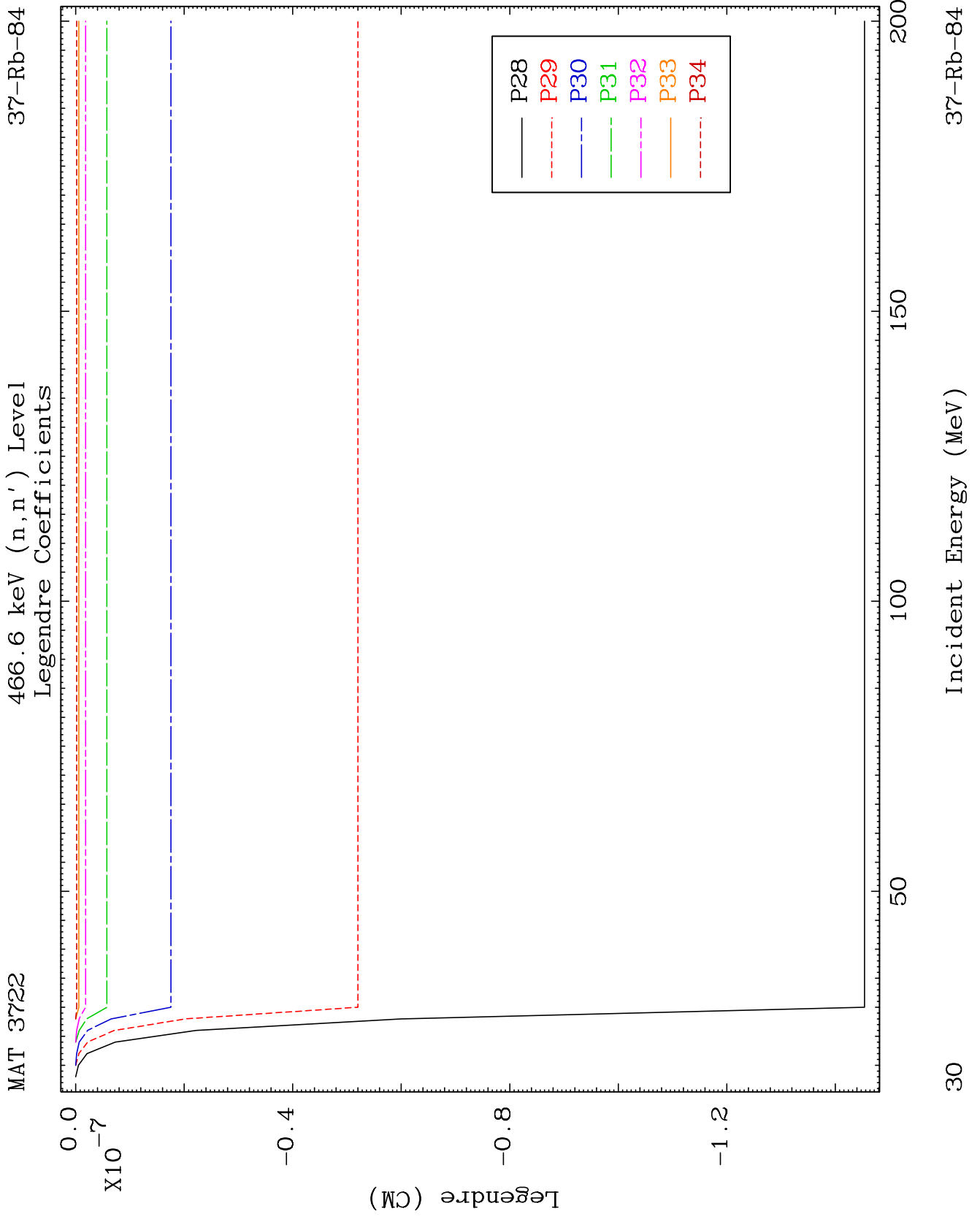


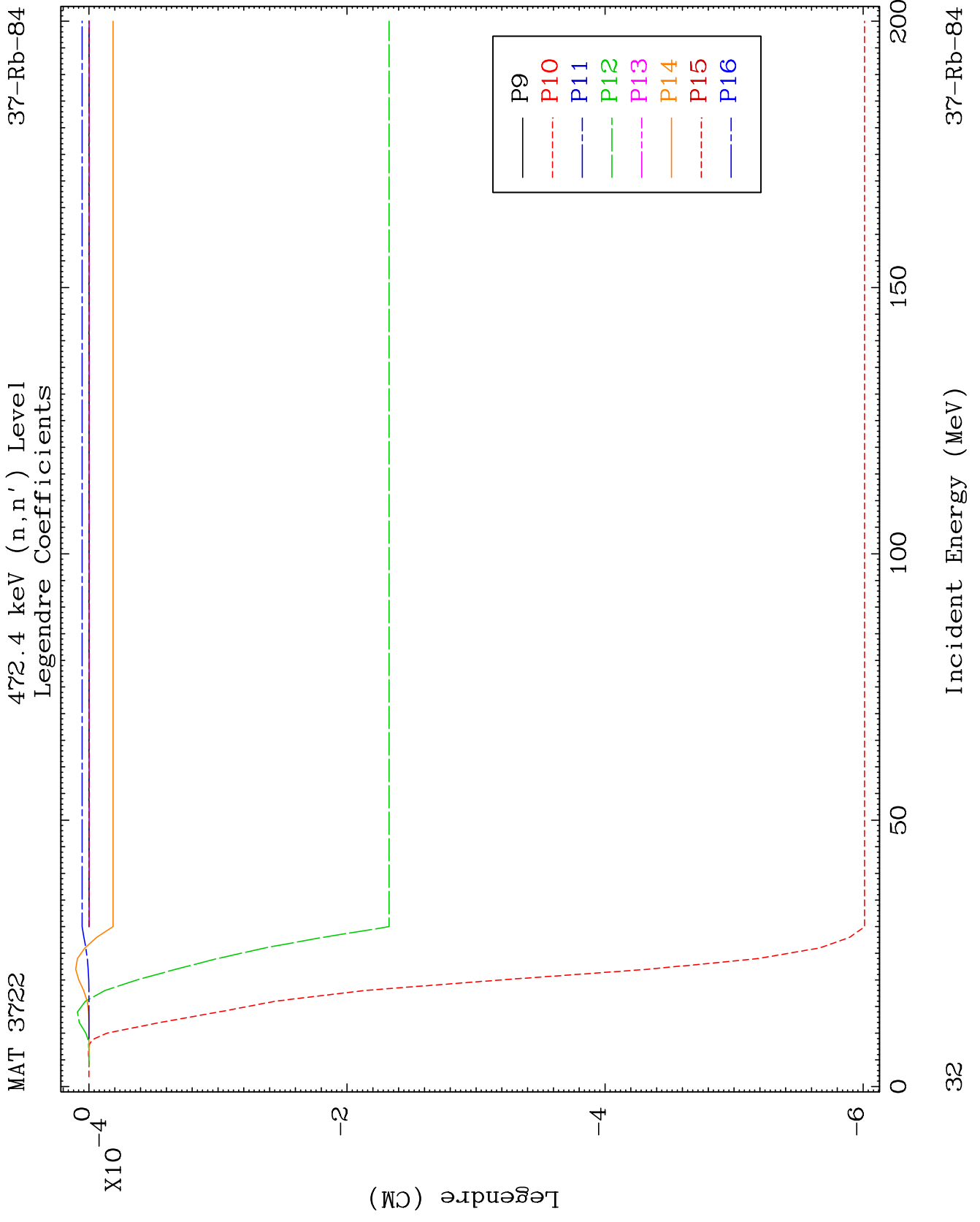
37-Rb-84

Incident Energy (MeV)

28



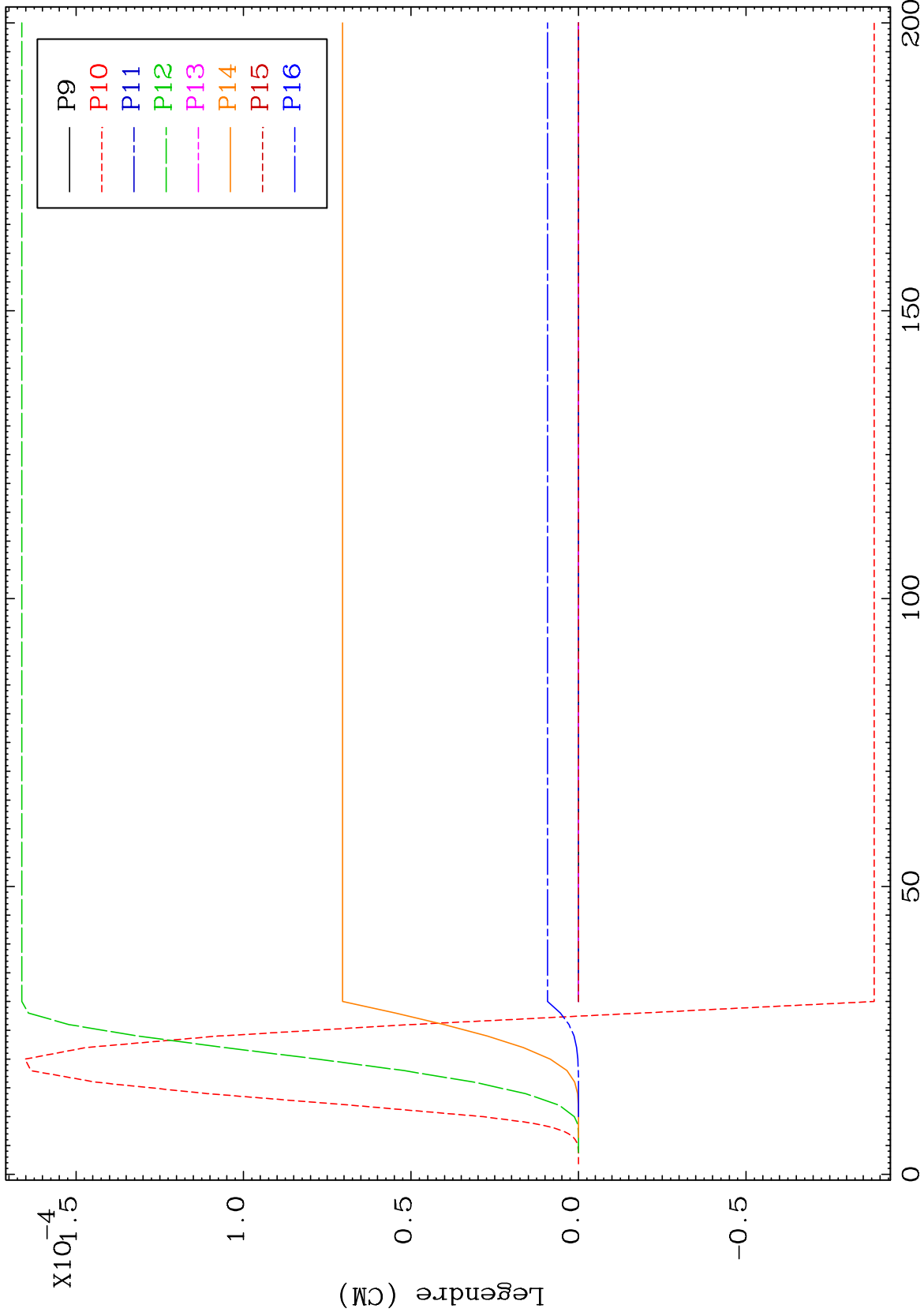




MAT 3722

543.3 keV (n, n') Level
Legendre Coefficients

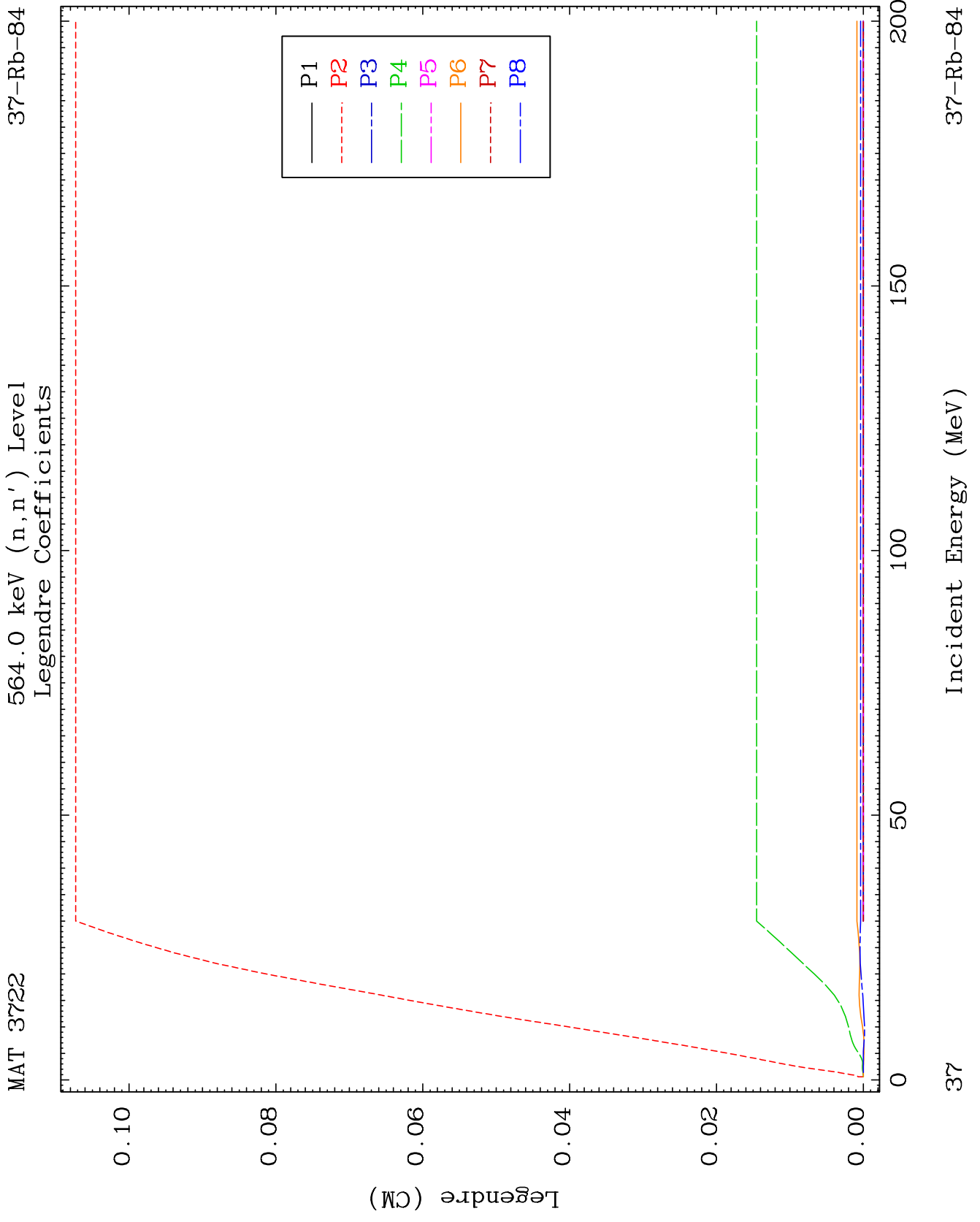
37-Rb-84

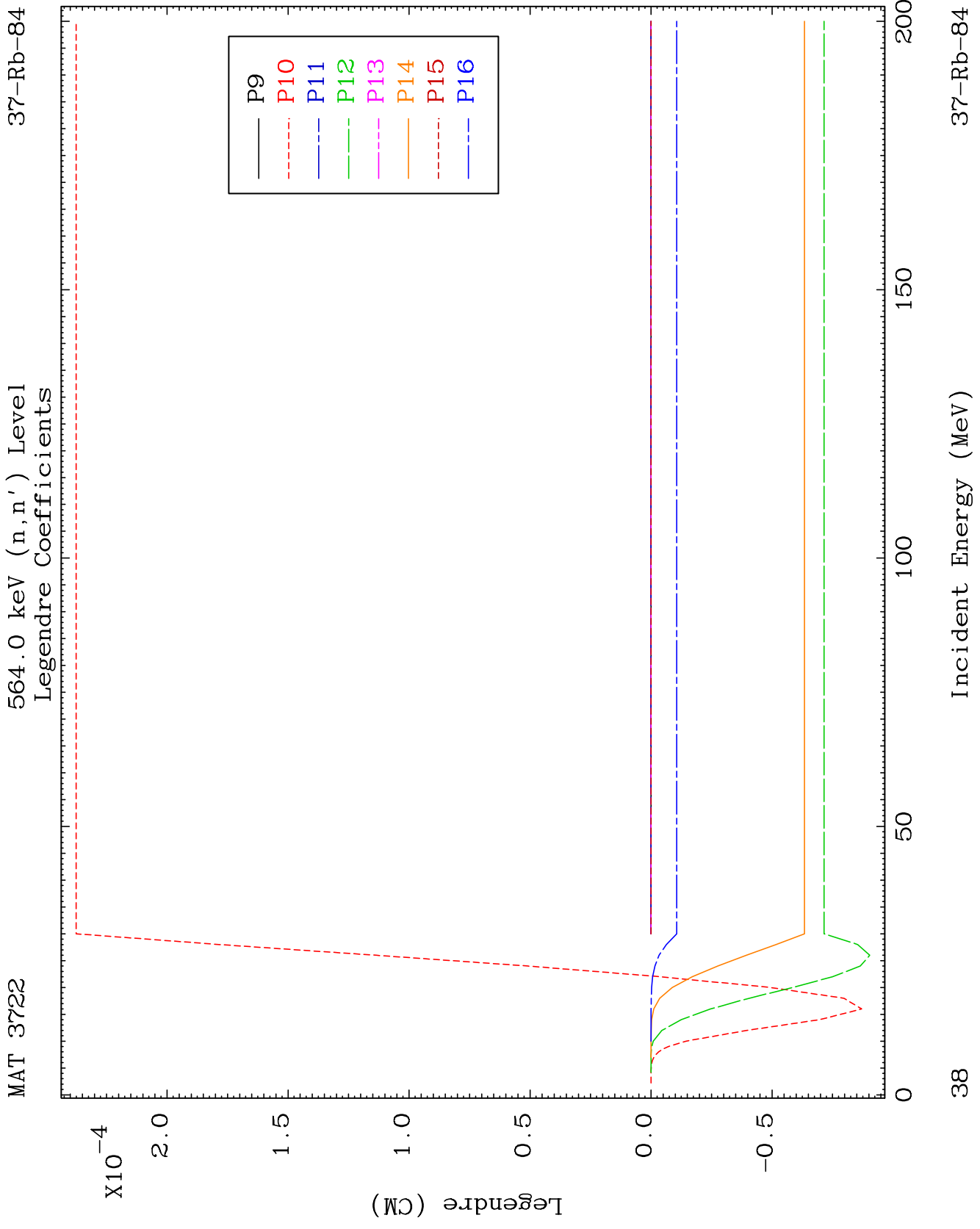


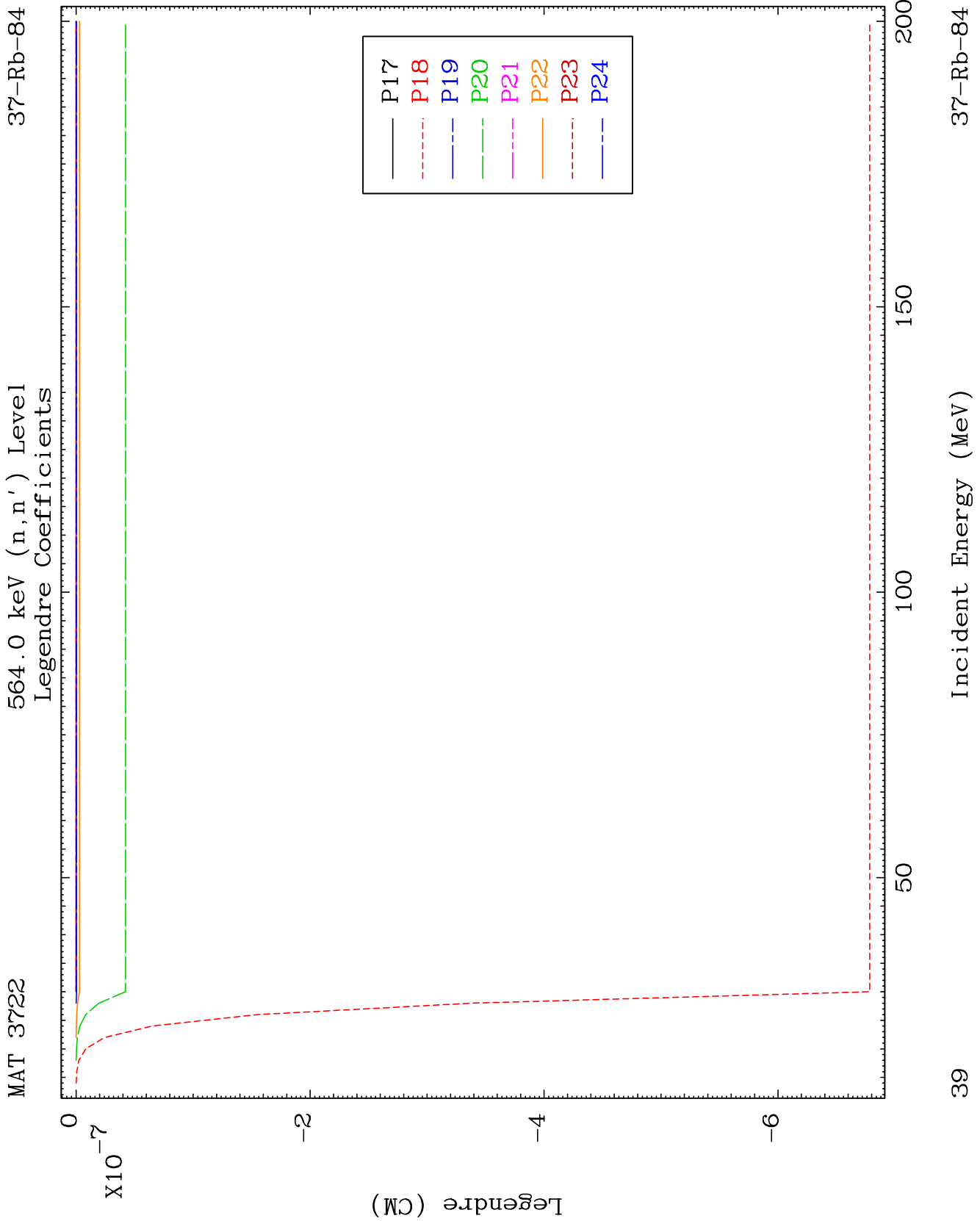
35

Incident Energy (MeV)

37-Rb-84



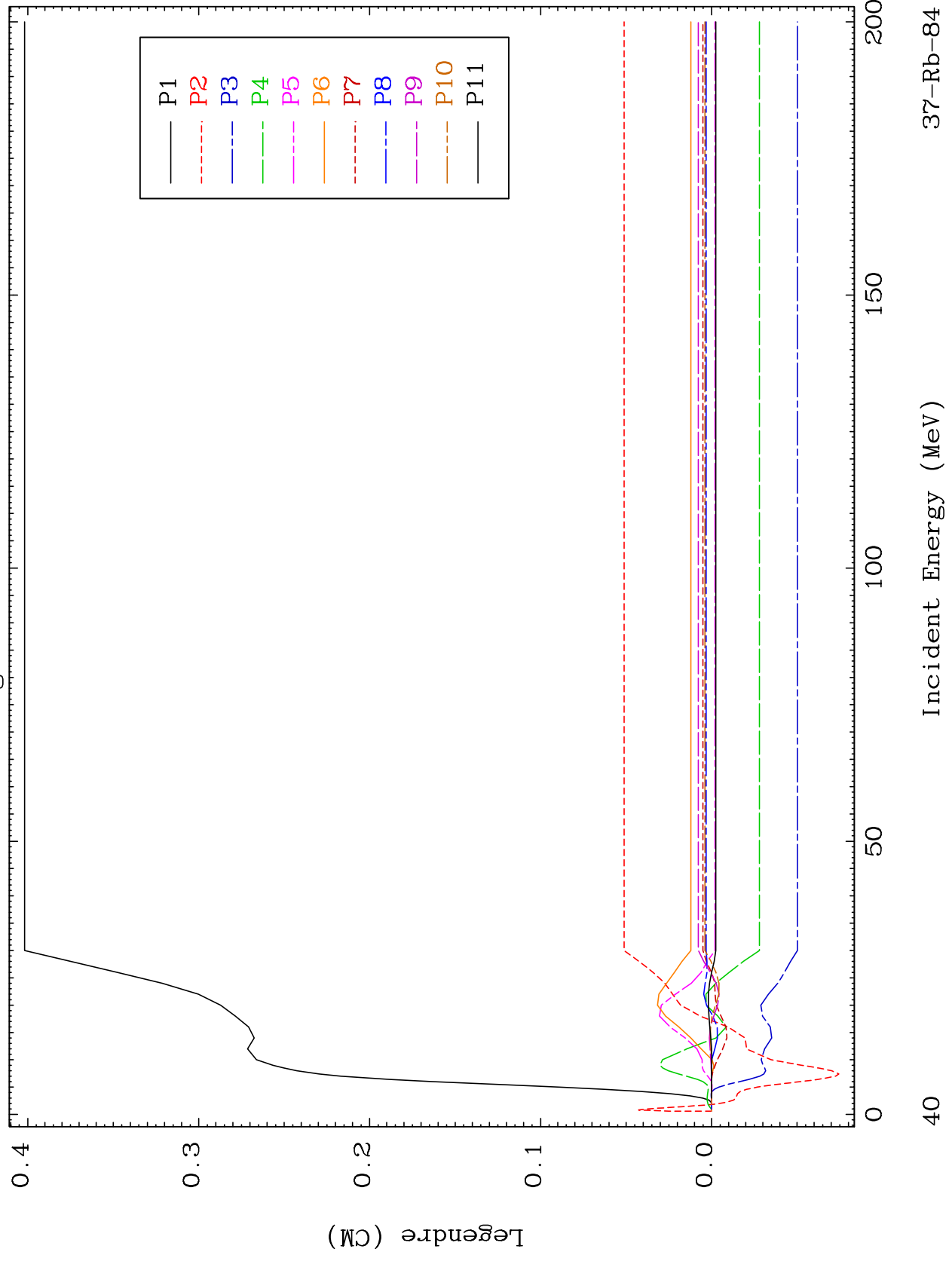




MAT 3722

572.9 keV (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

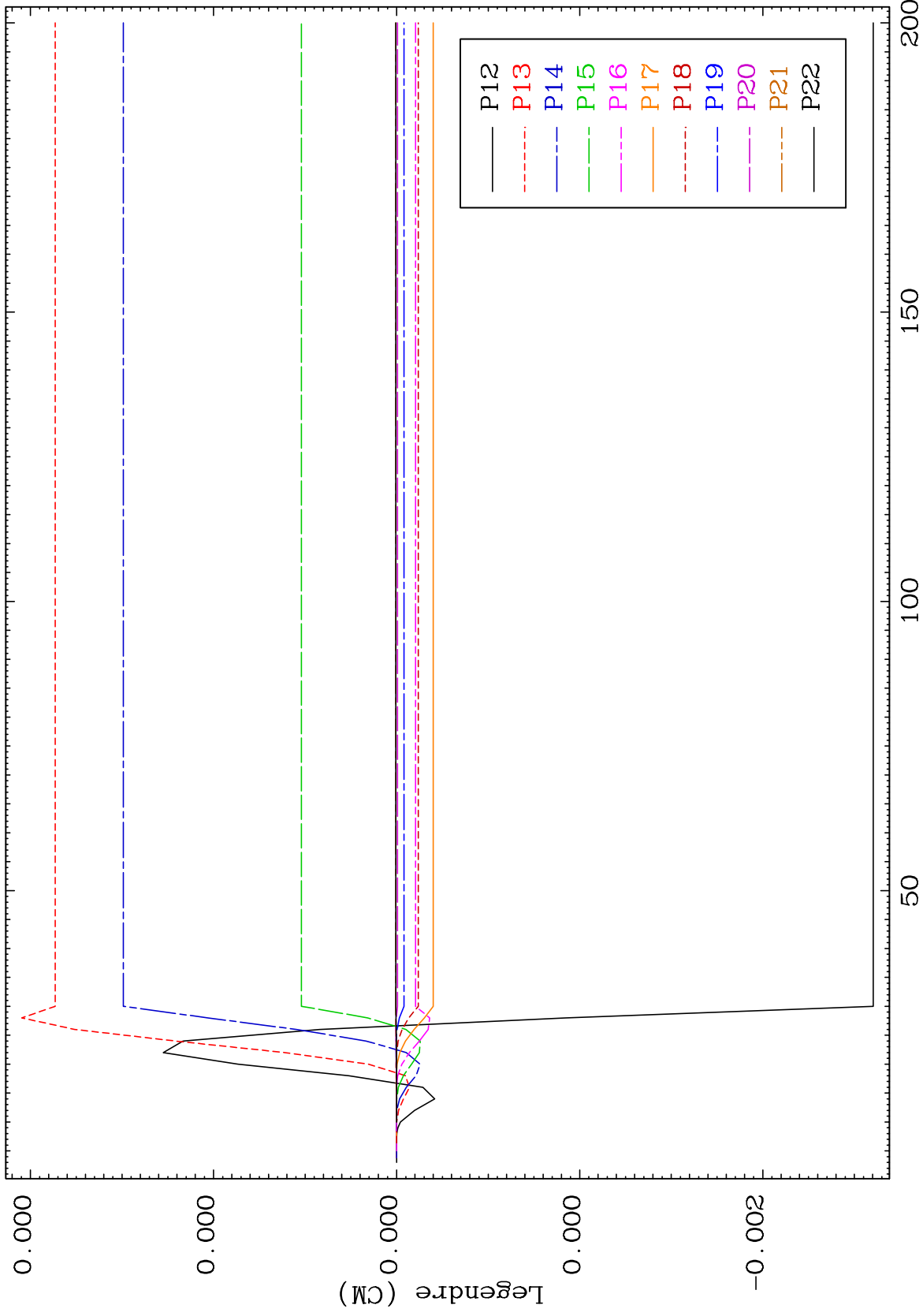
Incident Energy (MeV)

40

MAT 3722

572.9 keV (n,n') Level
Legendre Coefficients

37-Rb-84



41

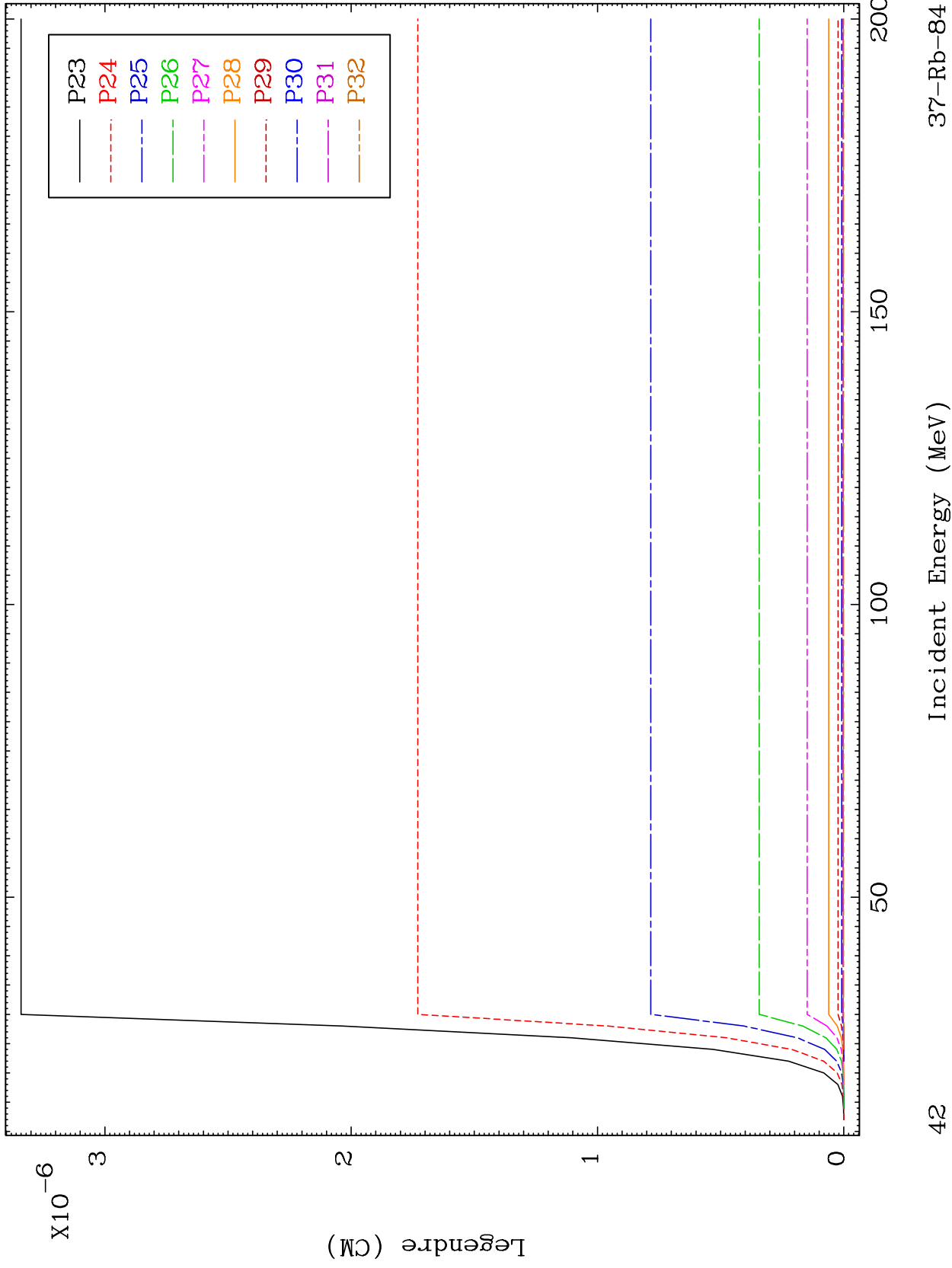
Incident Energy (MeV)

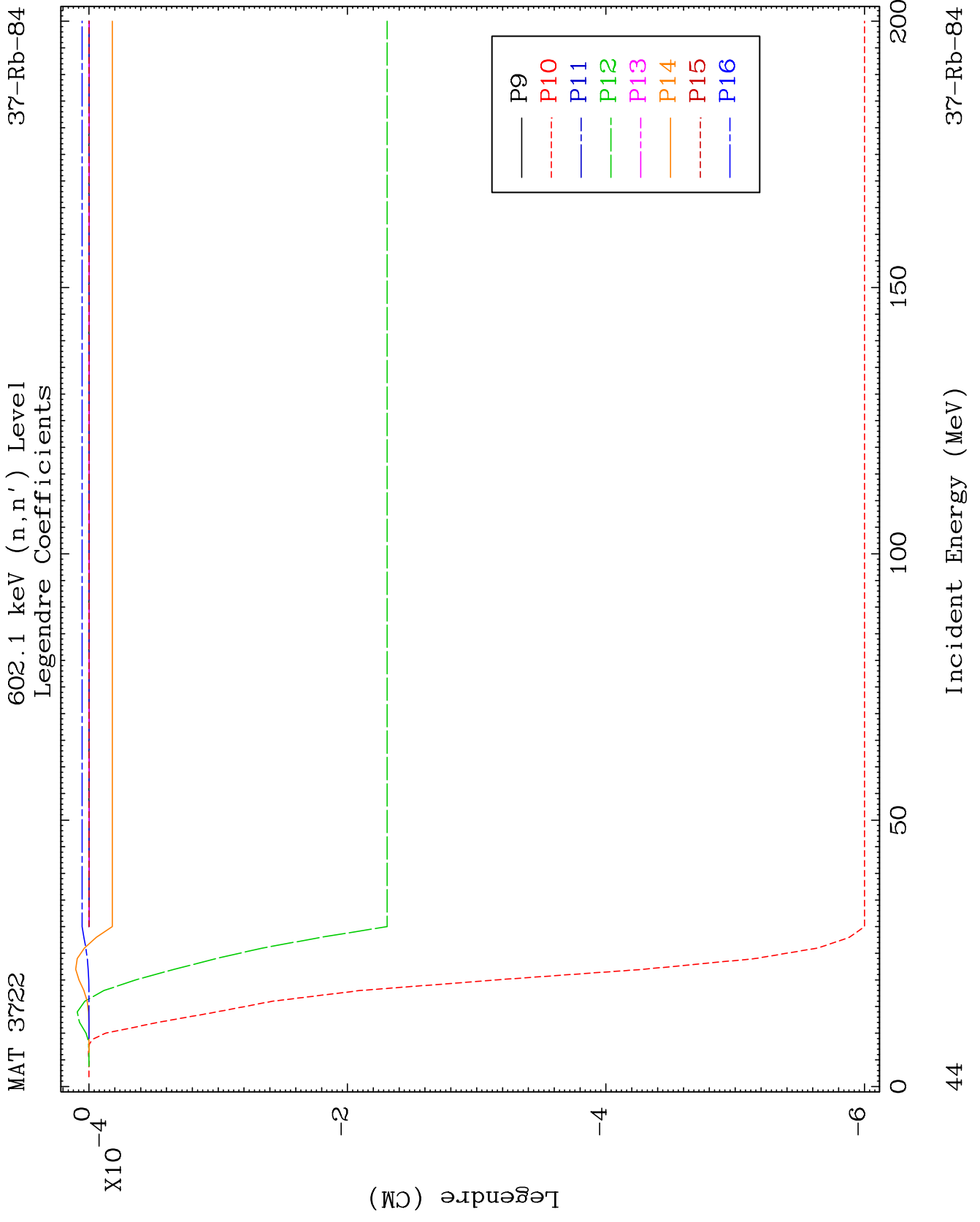
37-Rb-84

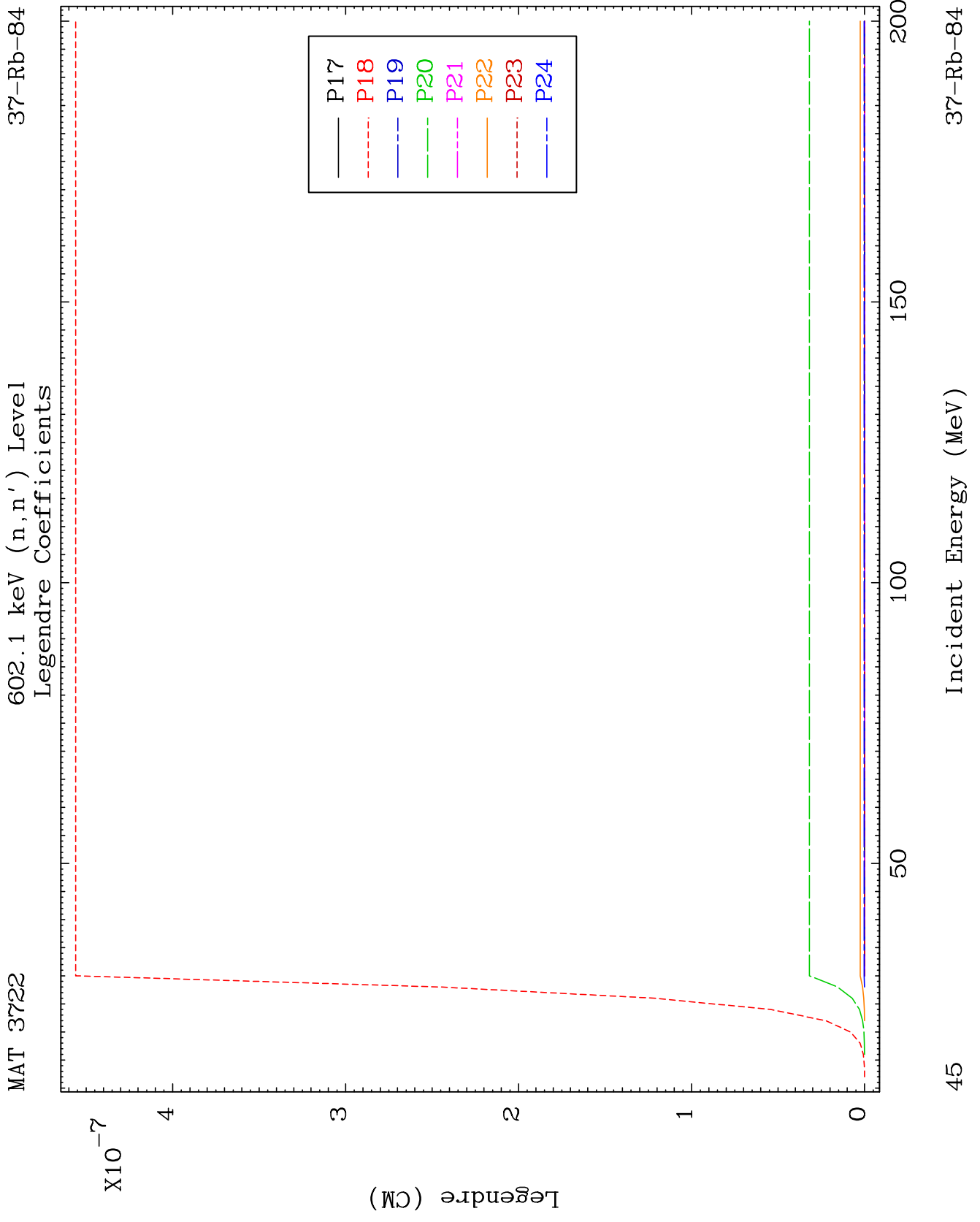
MAT 3722

572.9 keV (n,n') Level
Legendre Coefficients

37-Rb-84



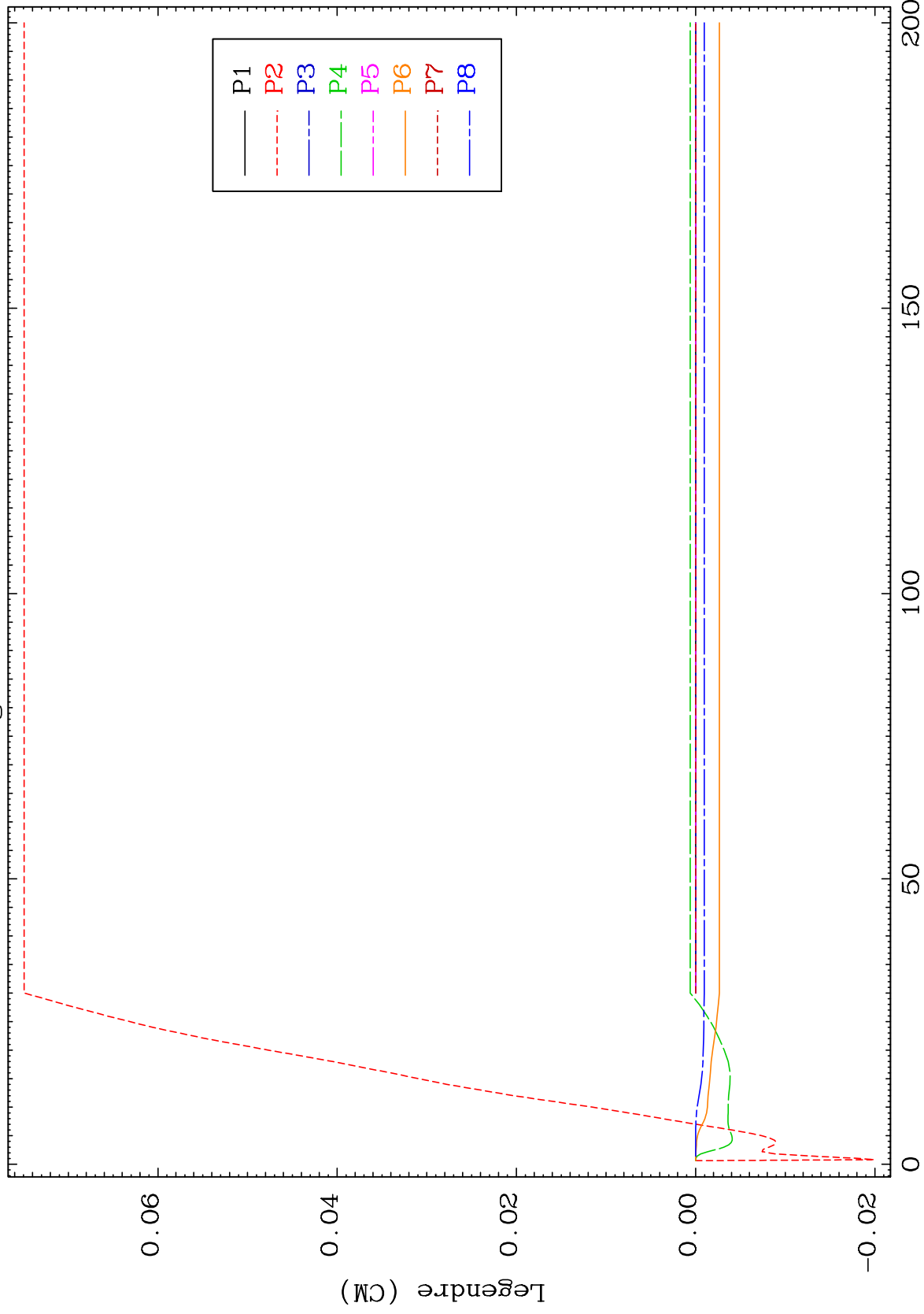




MAT 3722

613.6 keV (n,n') Level
Legendre Coefficients

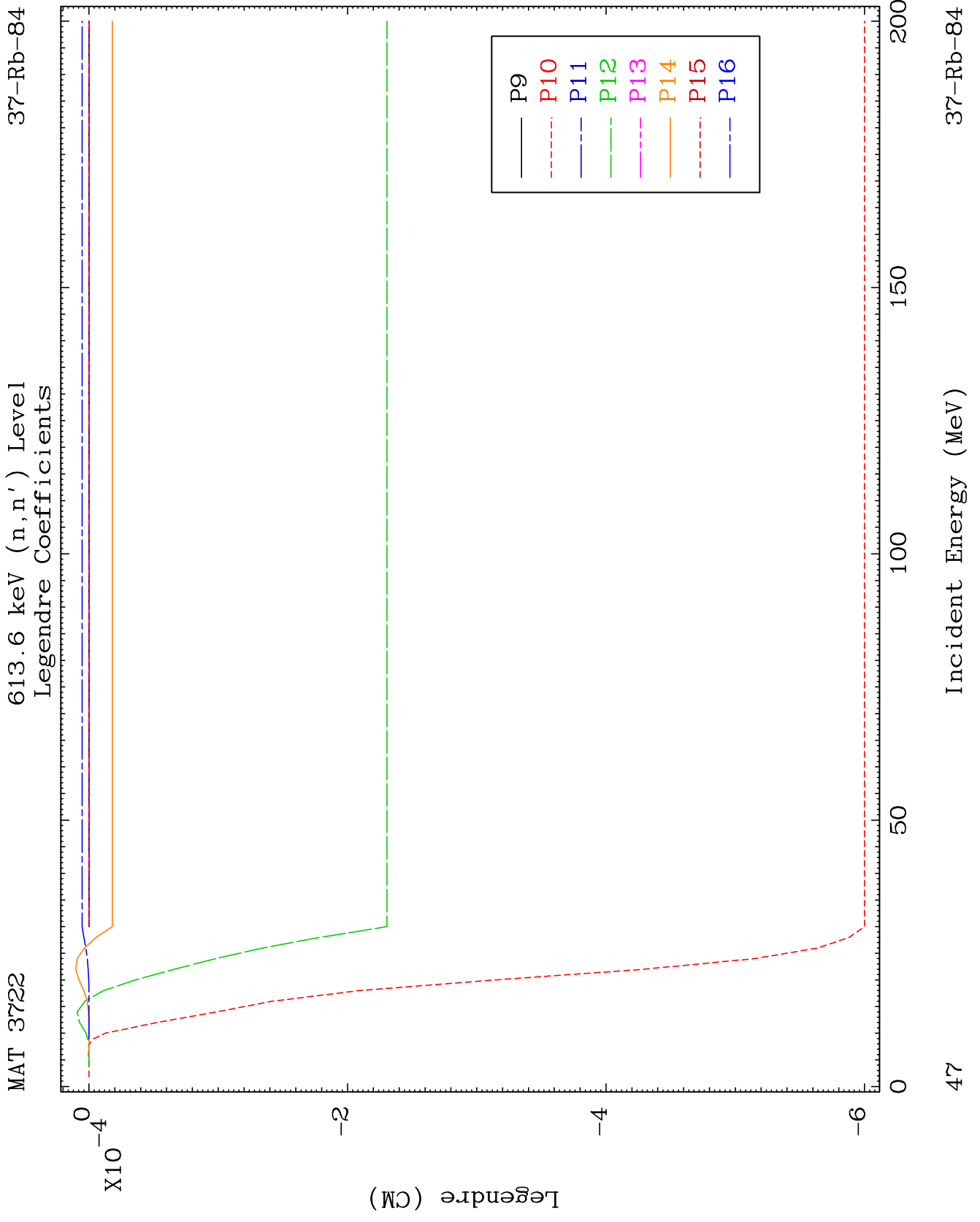
37-Rb-84



46

Incident Energy (MeV)

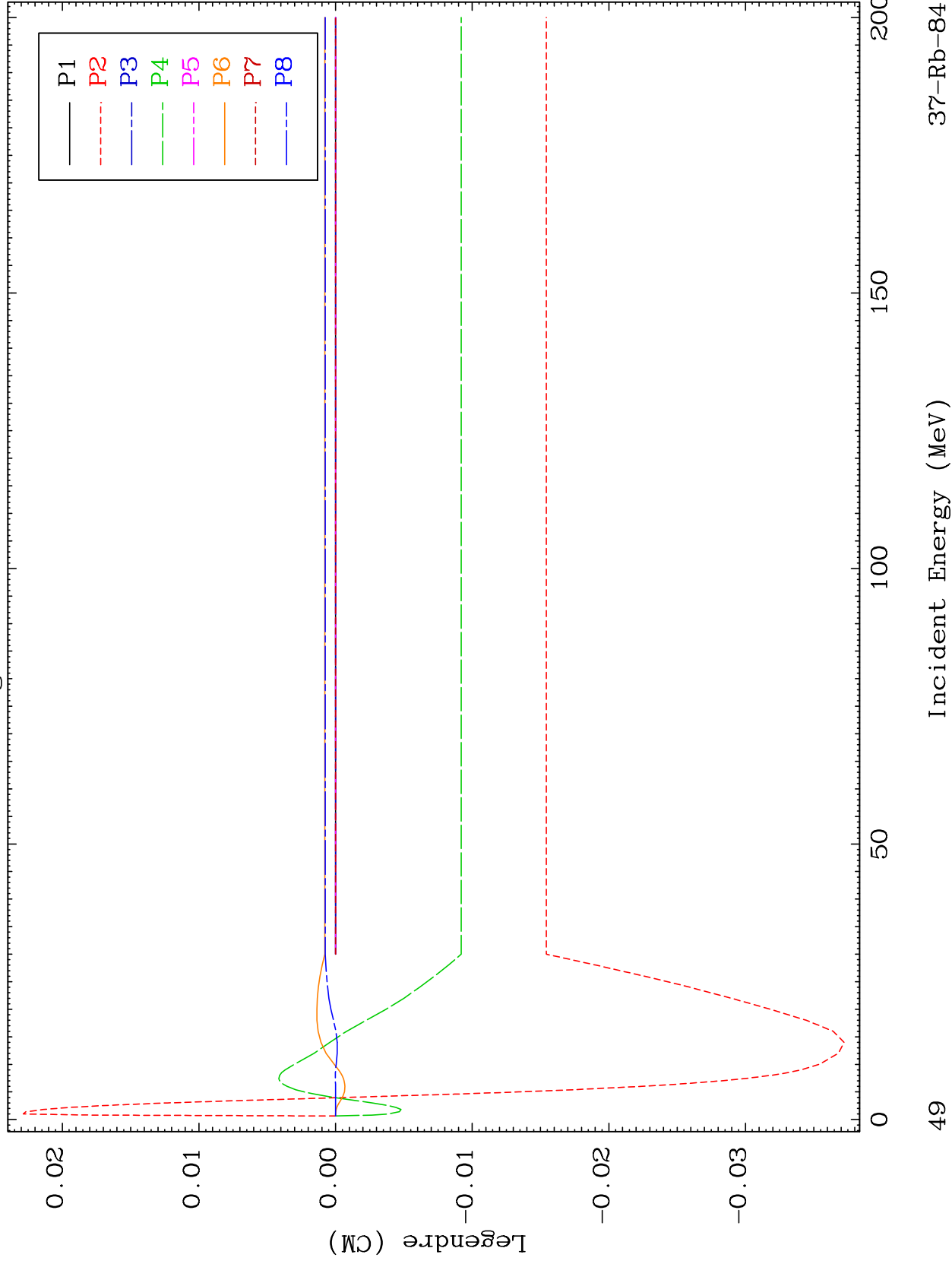
37-Rb-84



MAT 3722

619.7 keV (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

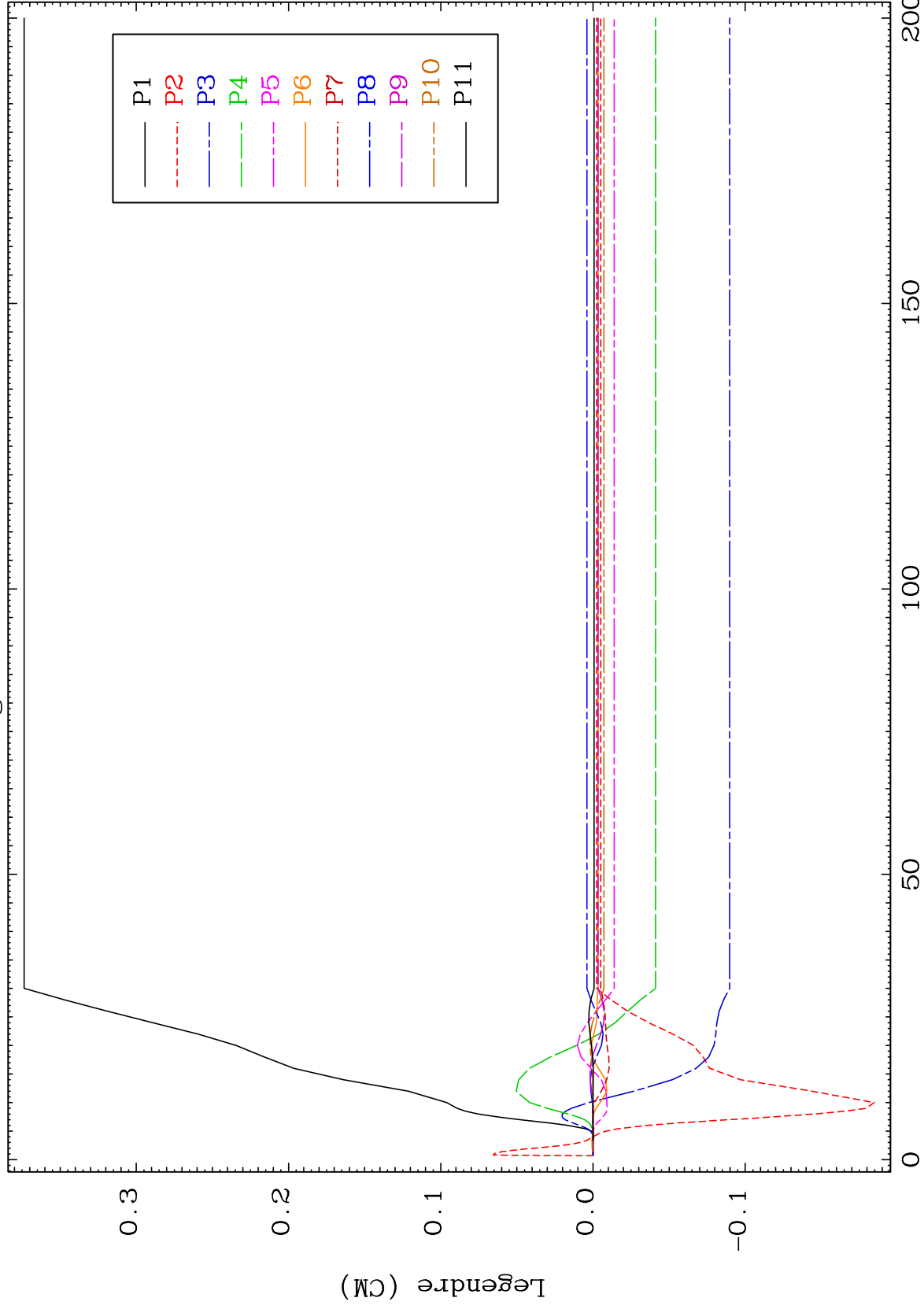
Incident Energy (MeV)

49

MAT 3722

678.0 keV (n,n') Level
Legendre Coefficients

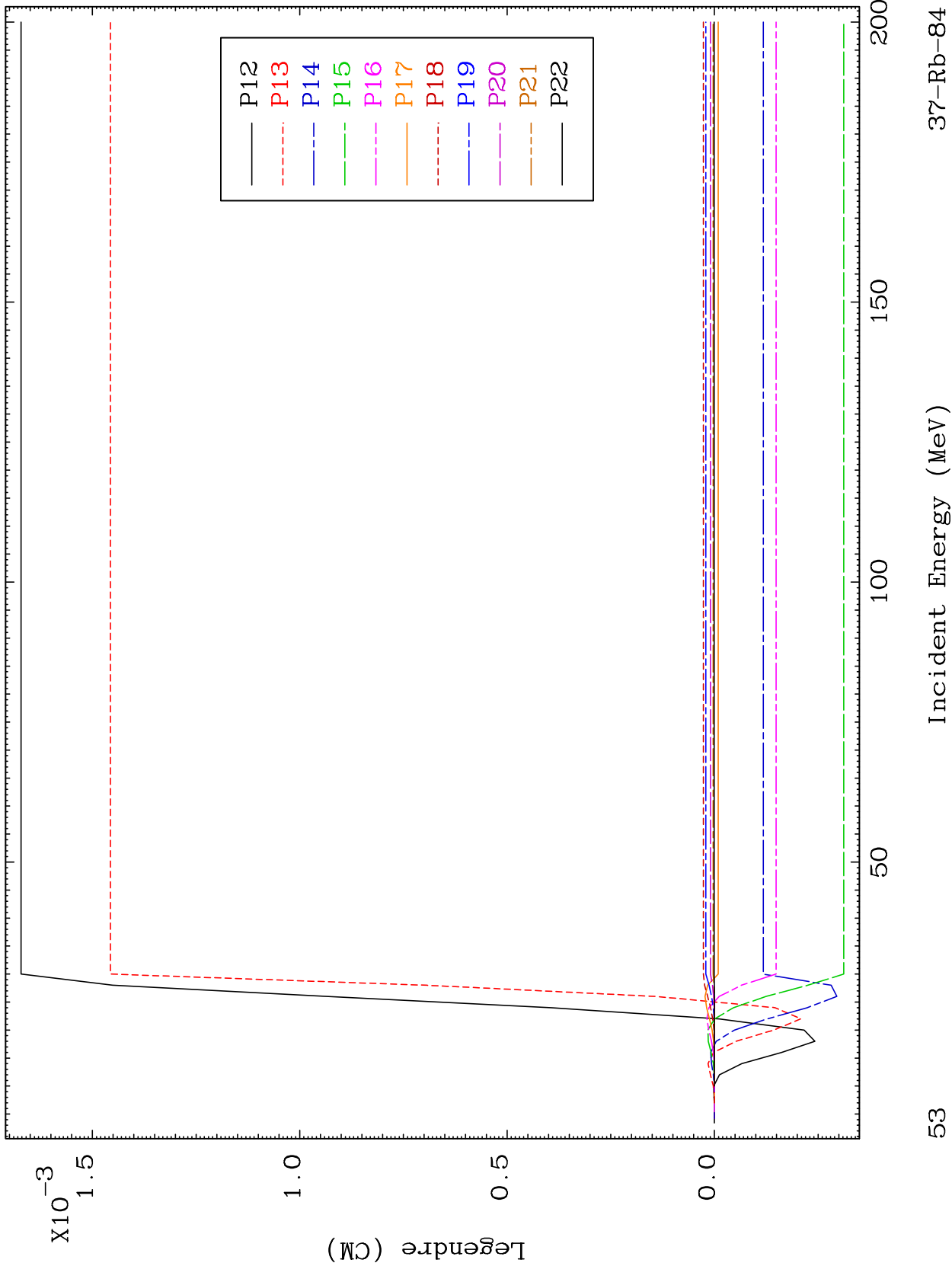
37-Rb-84

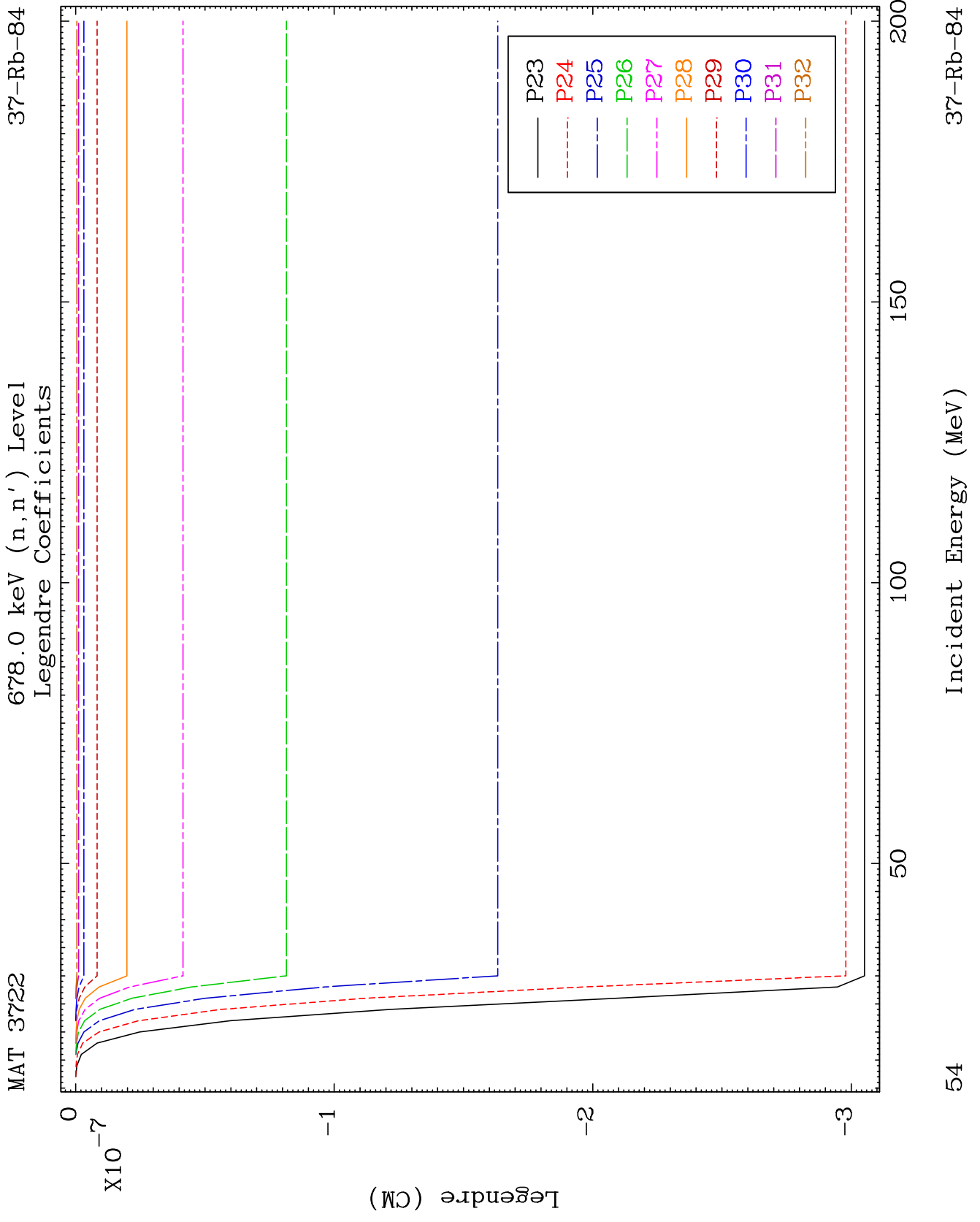


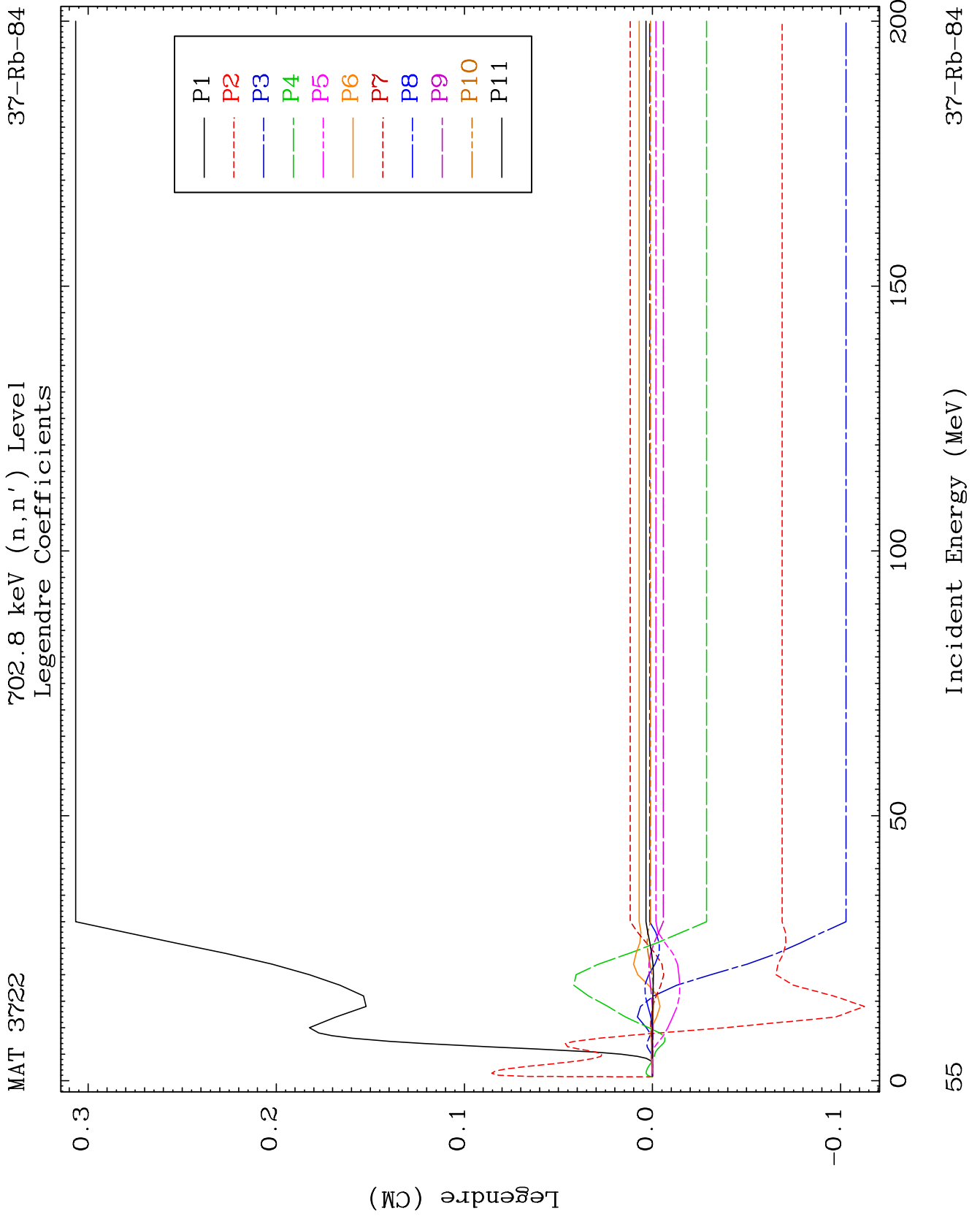
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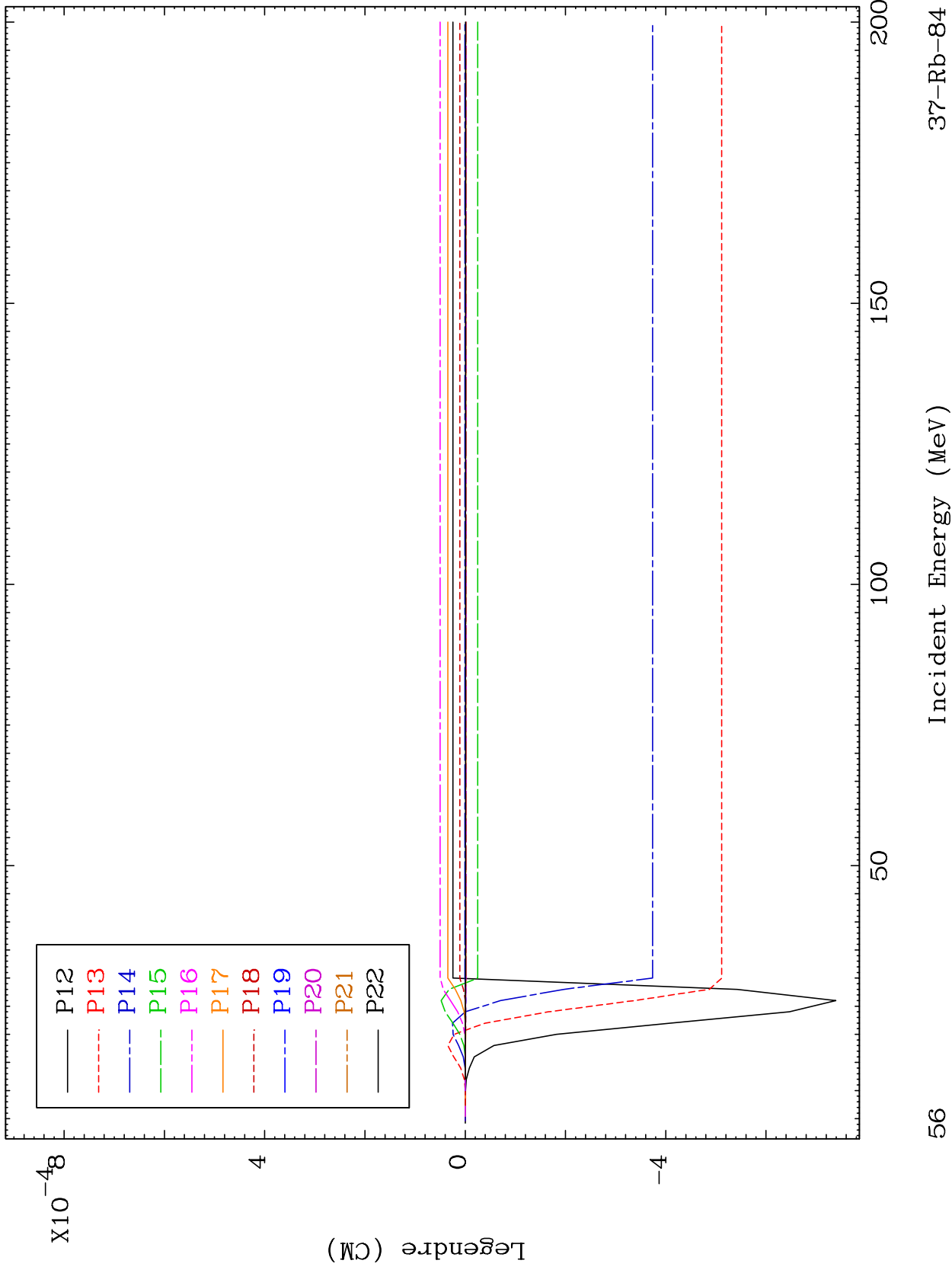
Incident Energy (MeV)

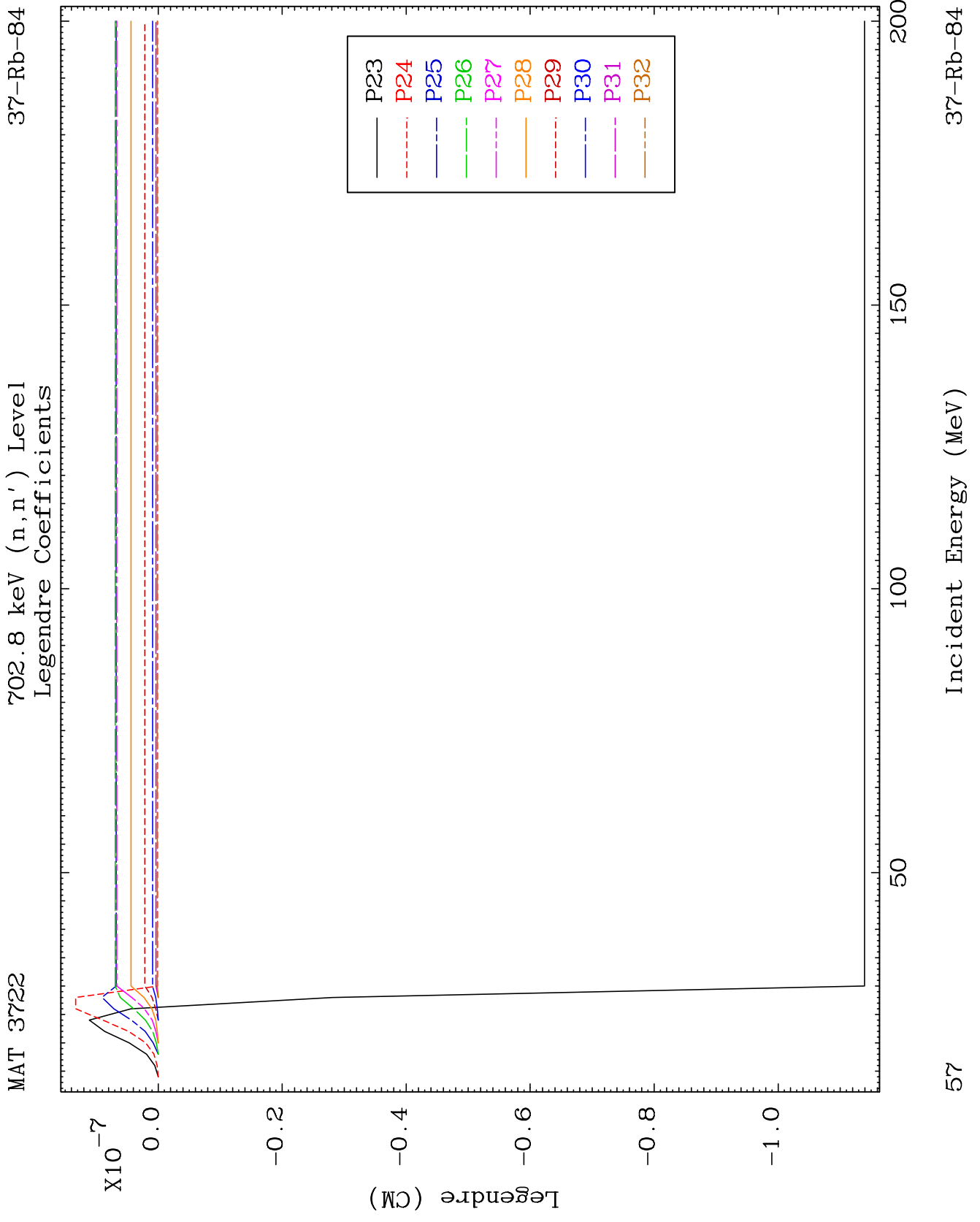
37-Rb-84

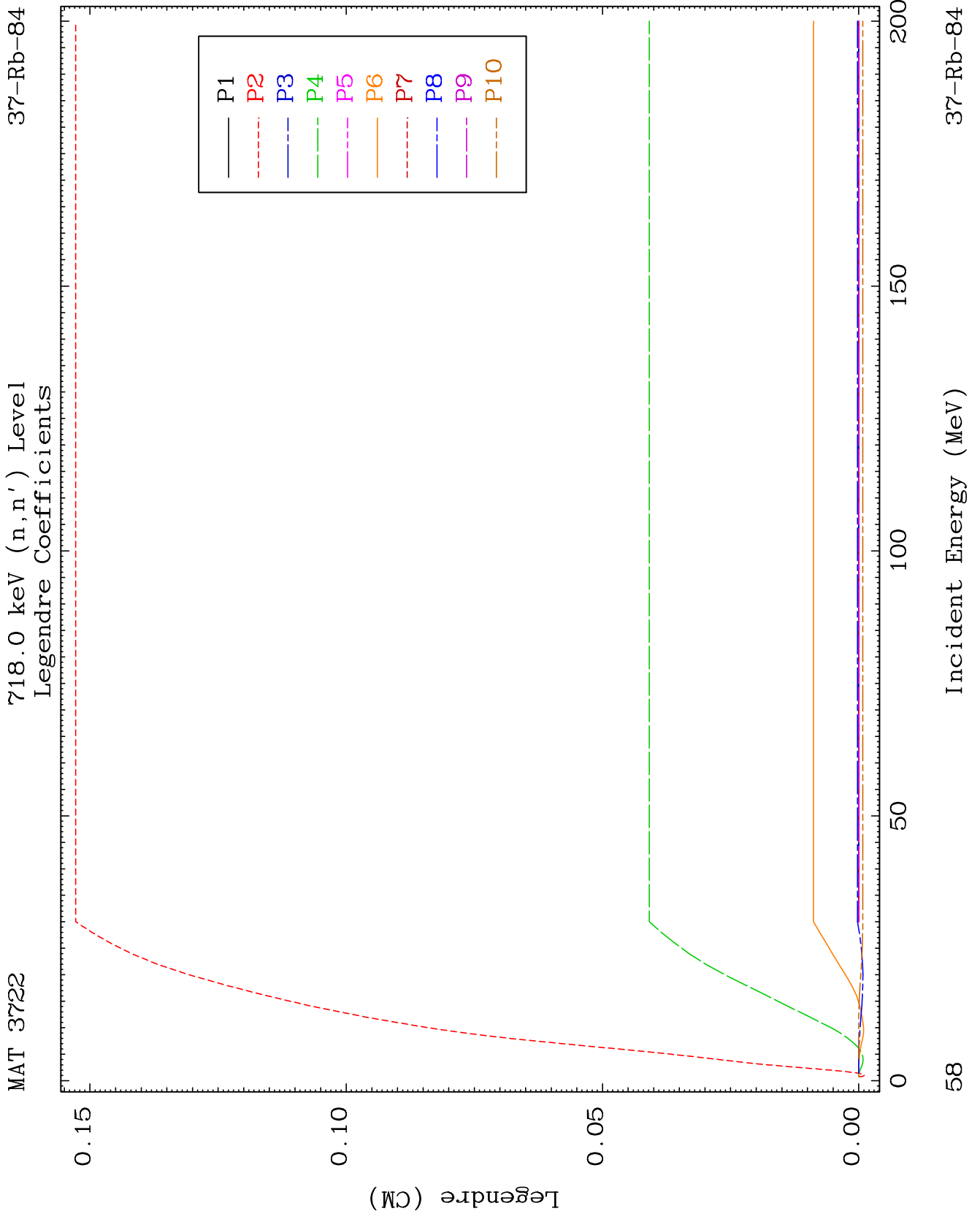








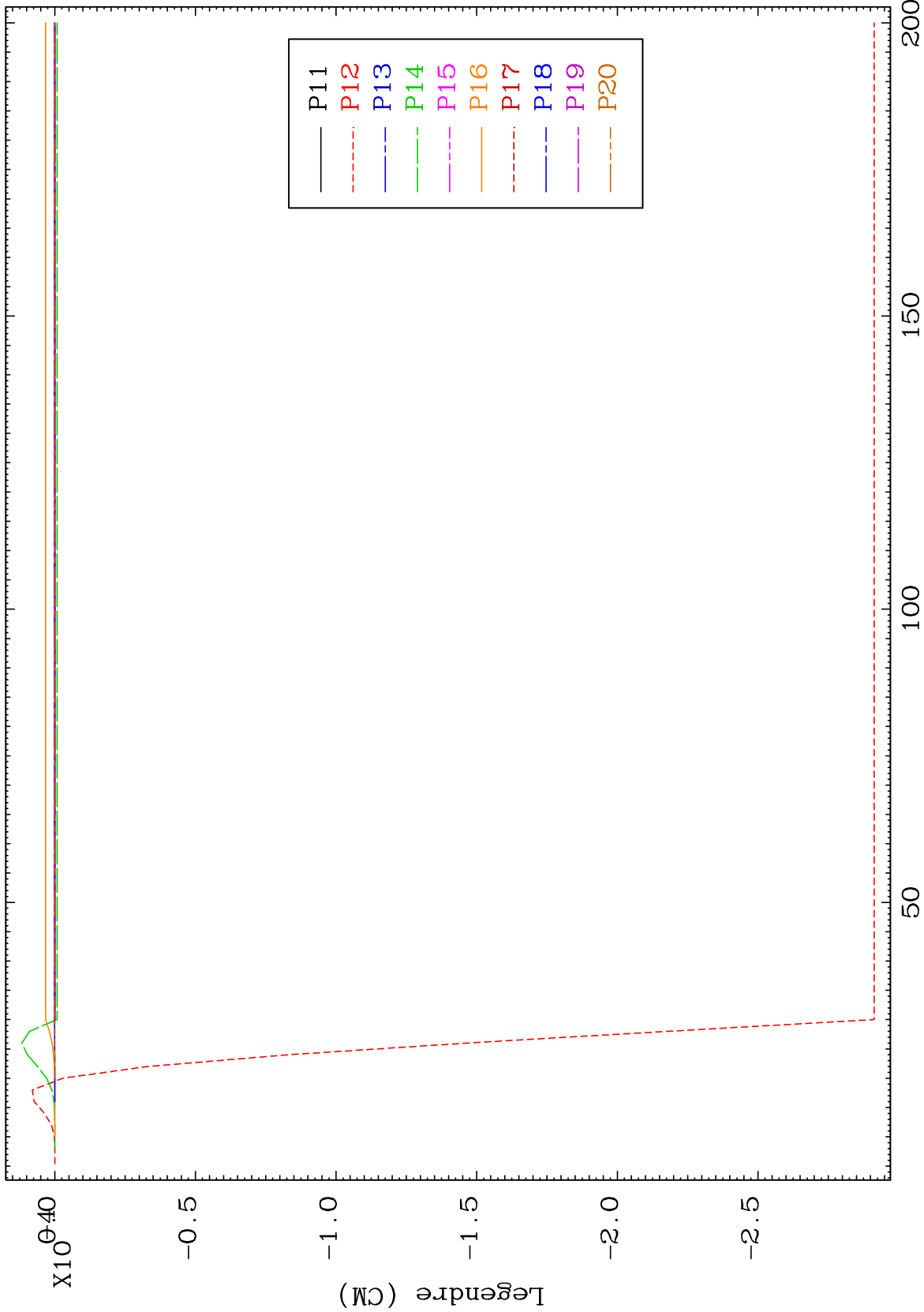




MAT 3722

718.0 keV (n,n') Level
Legendre Coefficients

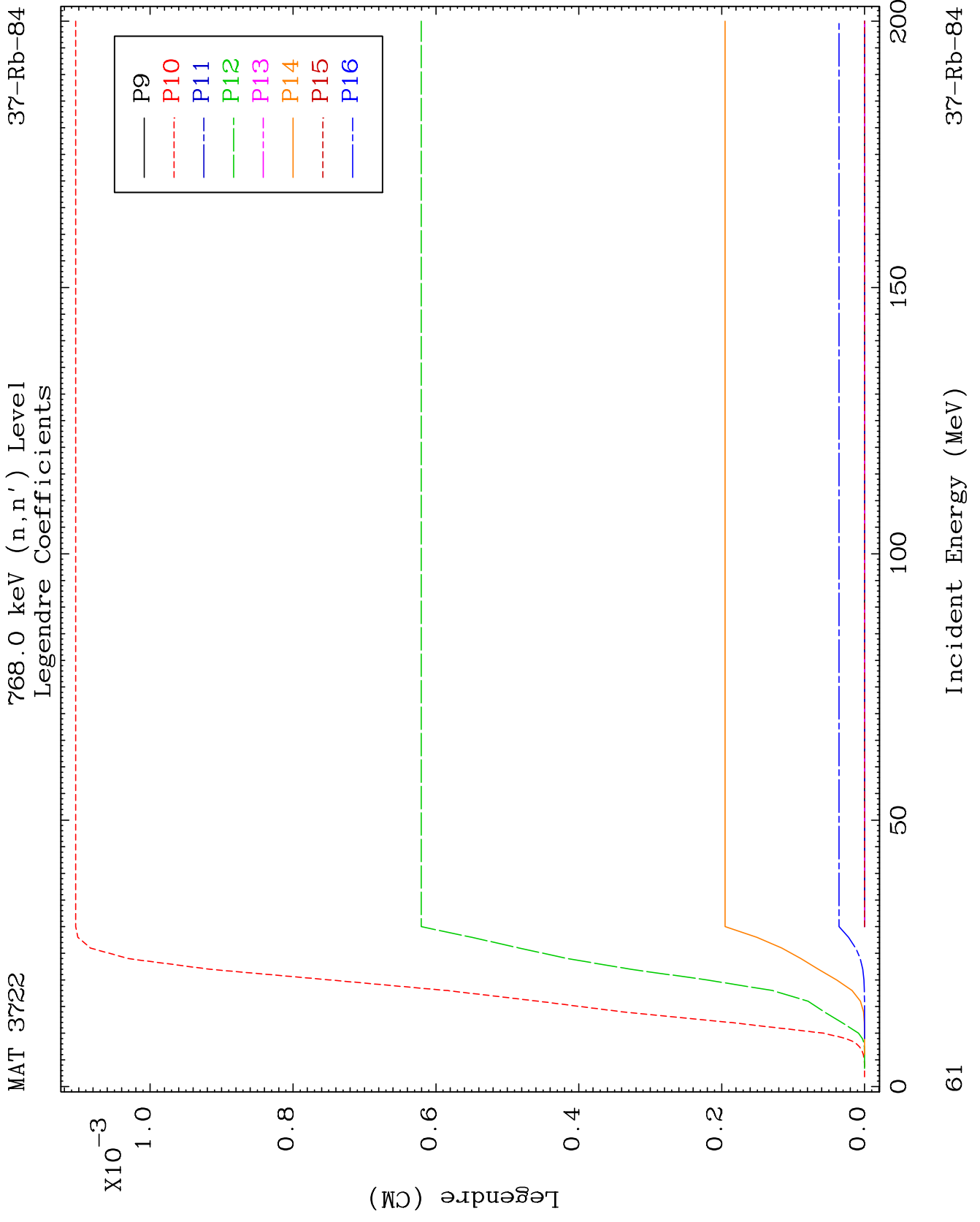
37-Rb-84

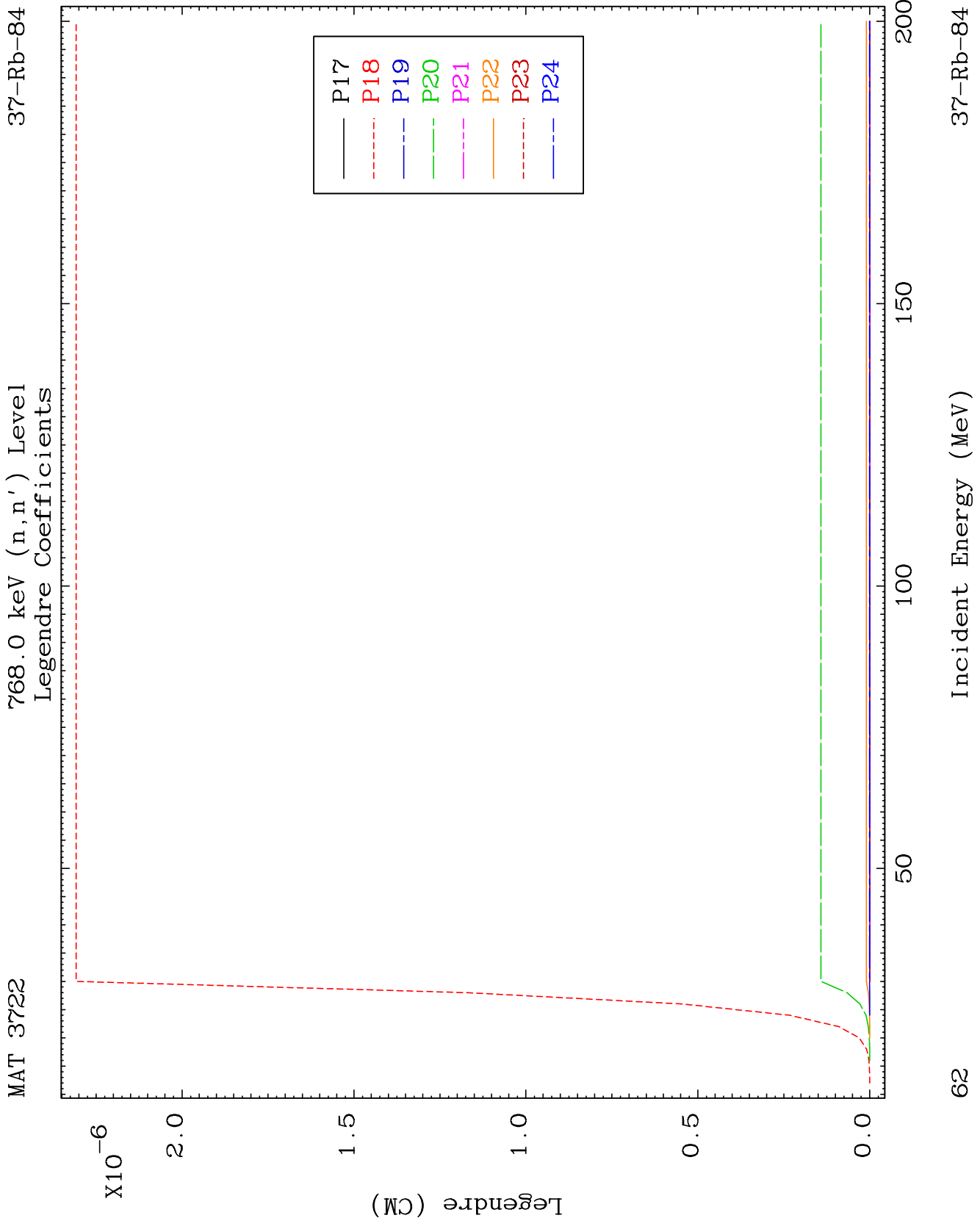


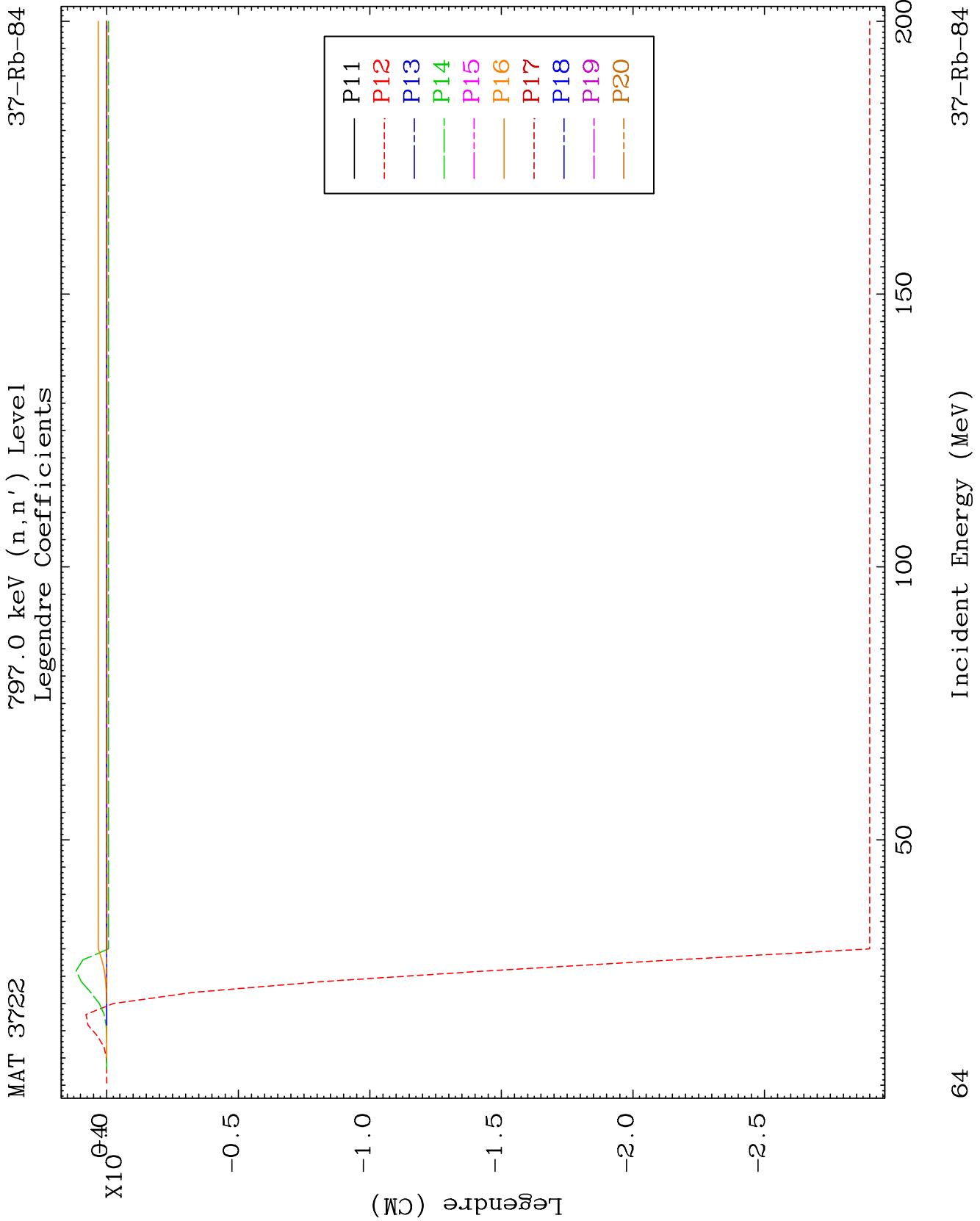
59

Incident Energy (MeV)

37-Rb-84



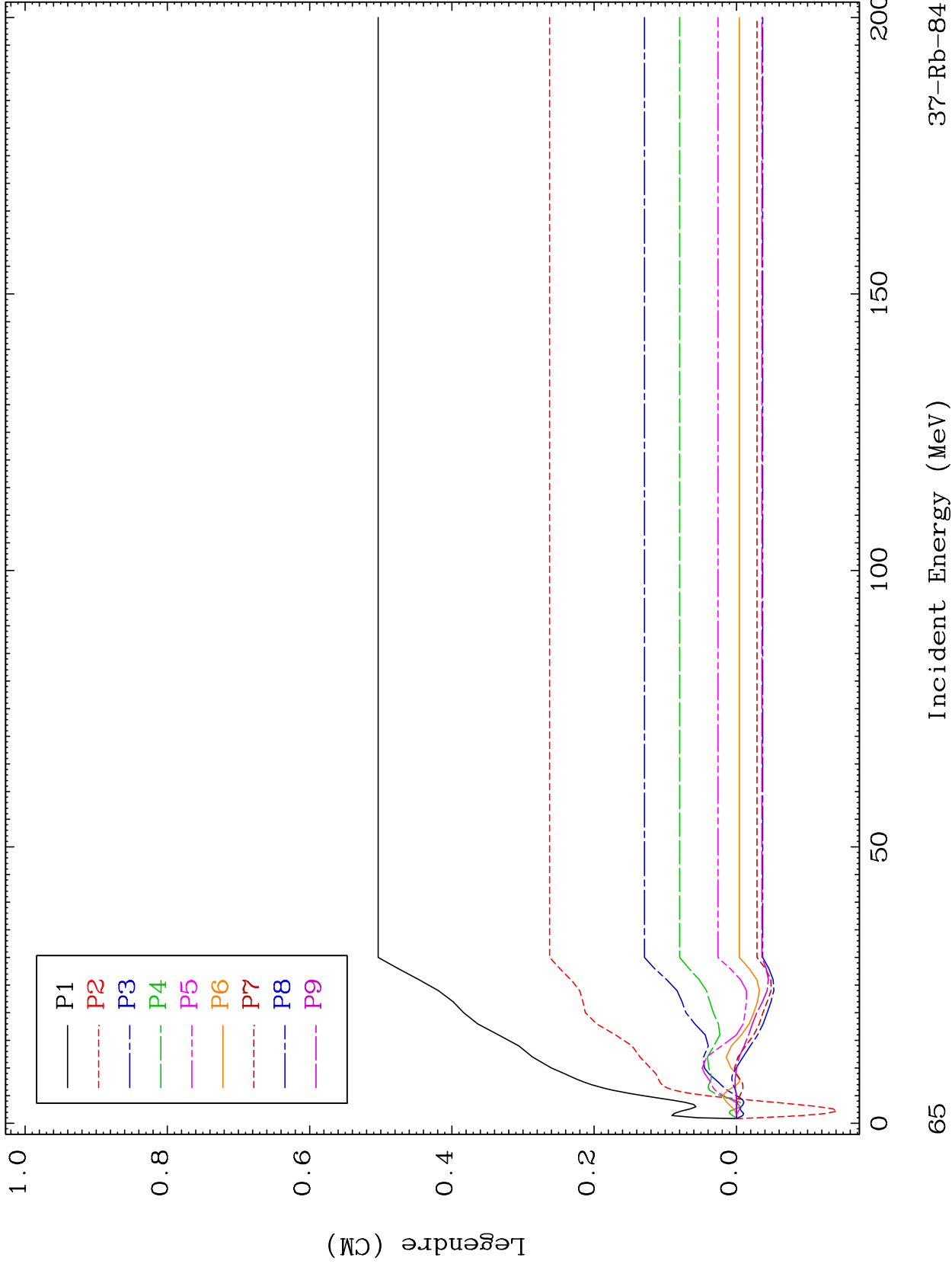




MAT 3722

832.0 keV (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

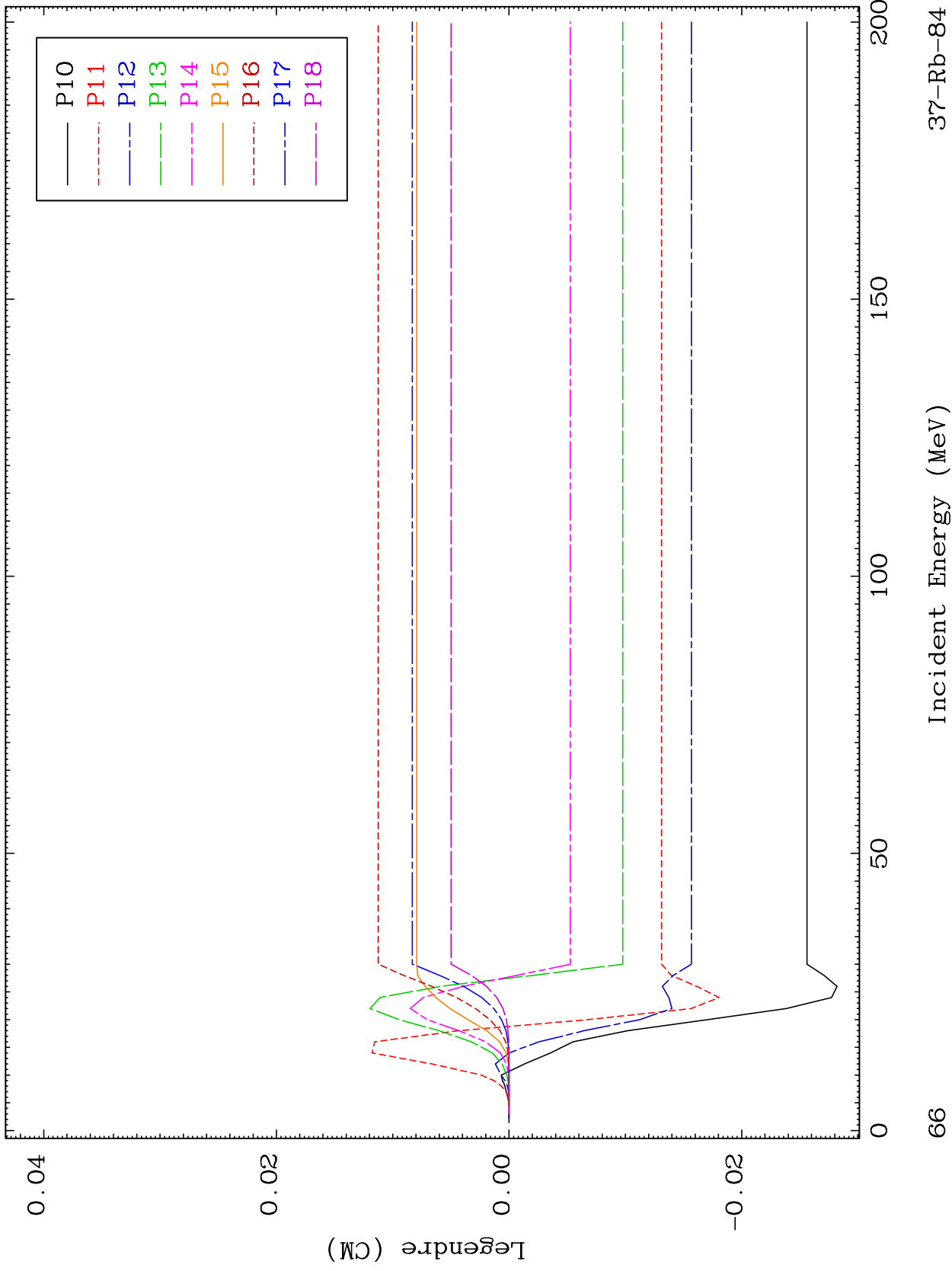
Incident Energy (MeV)

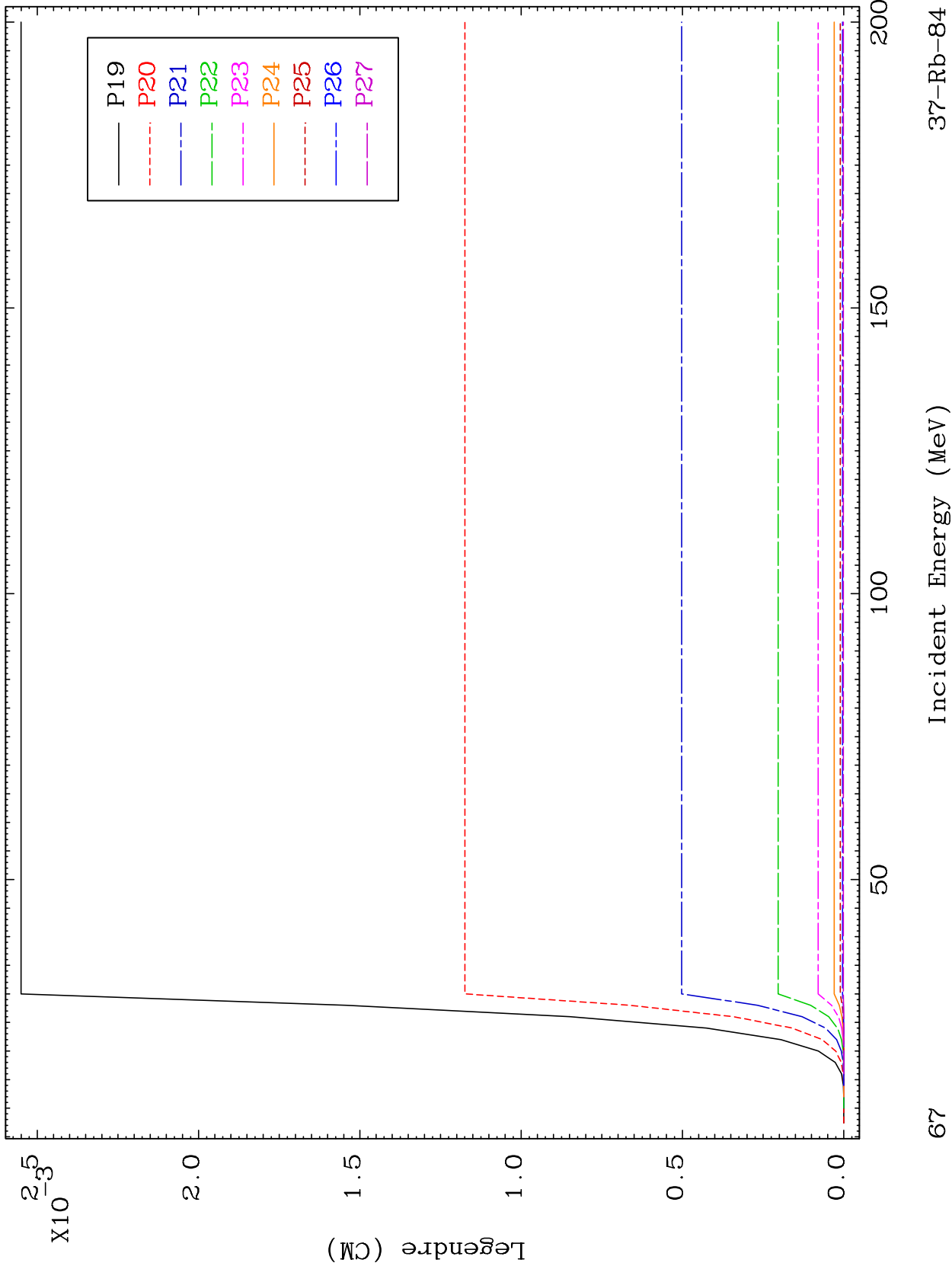
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MAT 3722

832.0 keV (n,n') Level
Legendre Coefficients

37-Rb-84

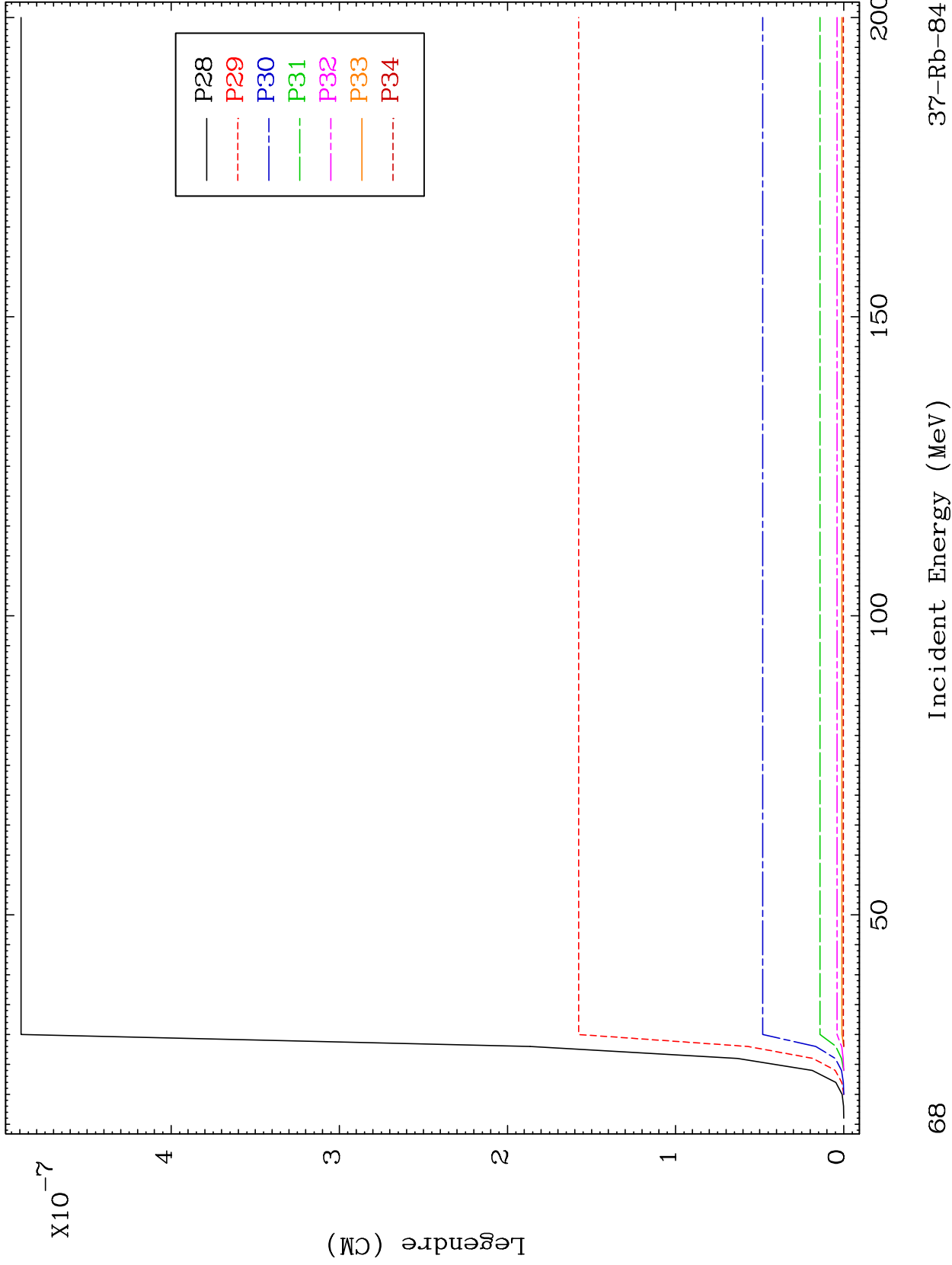




MAT 3722

832.0 keV (n,n') Level
Legendre Coefficients

37-Rb-84



68

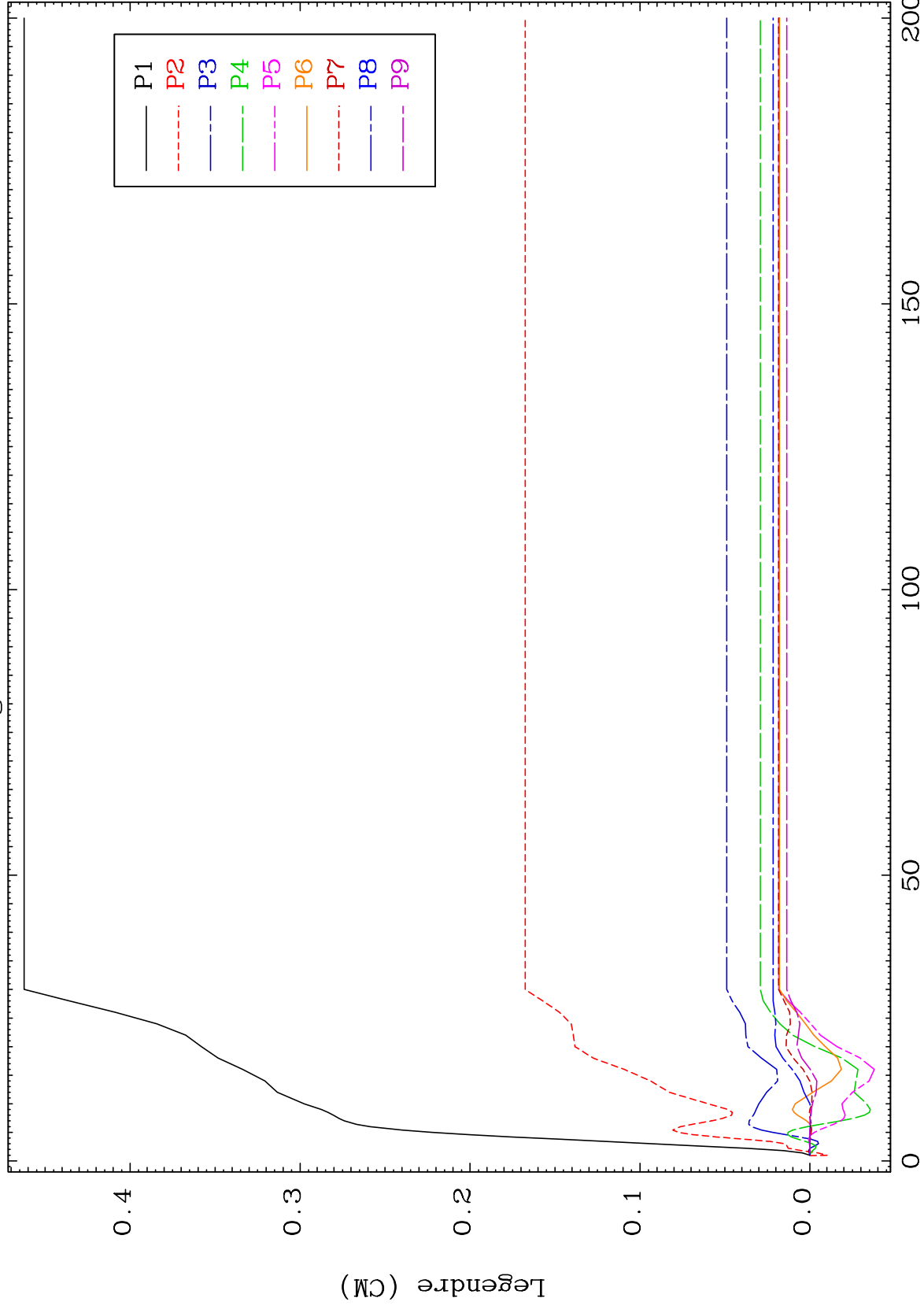
Incident Energy (MeV)

37-Rb-84

MAT 3722

890.0 keV (n,n') Level
Legendre Coefficients

37-Rb-84



69

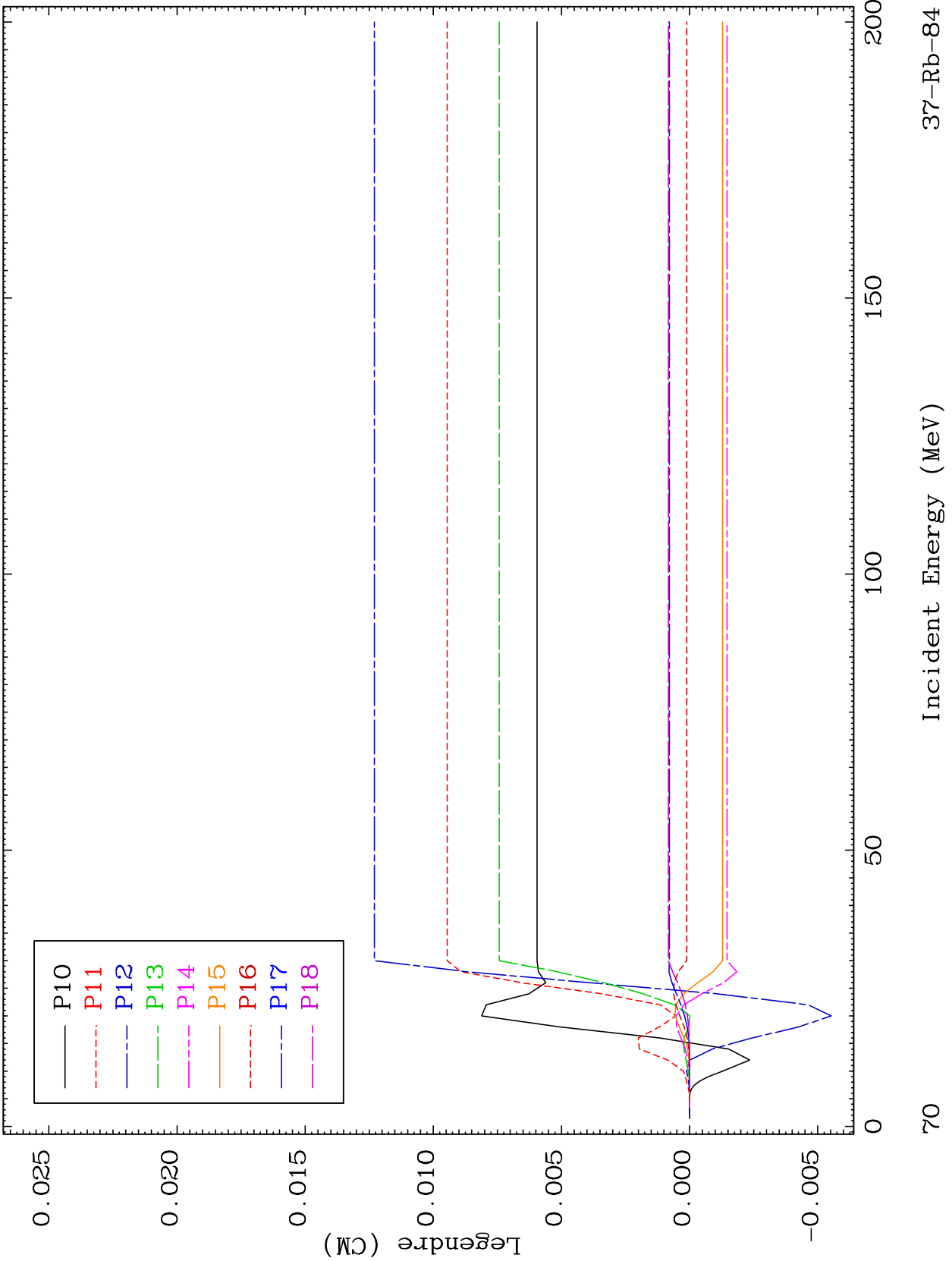
Incident Energy (MeV)

37-Rb-84

MAT 3722

890.0 keV (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

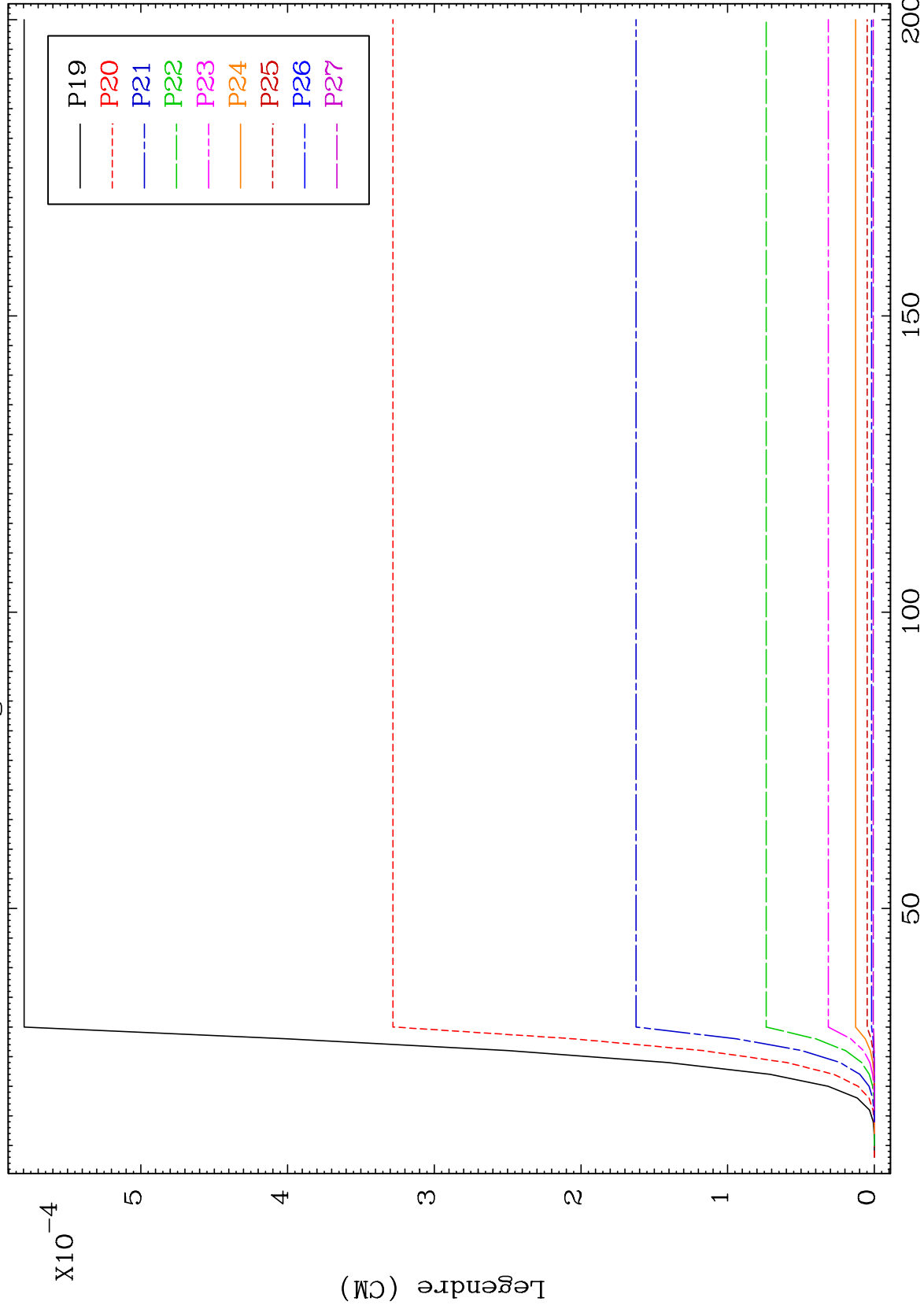
Incident Energy (MeV)

70

MAT 3722

890.0 keV (n,n') Level
Legendre Coefficients

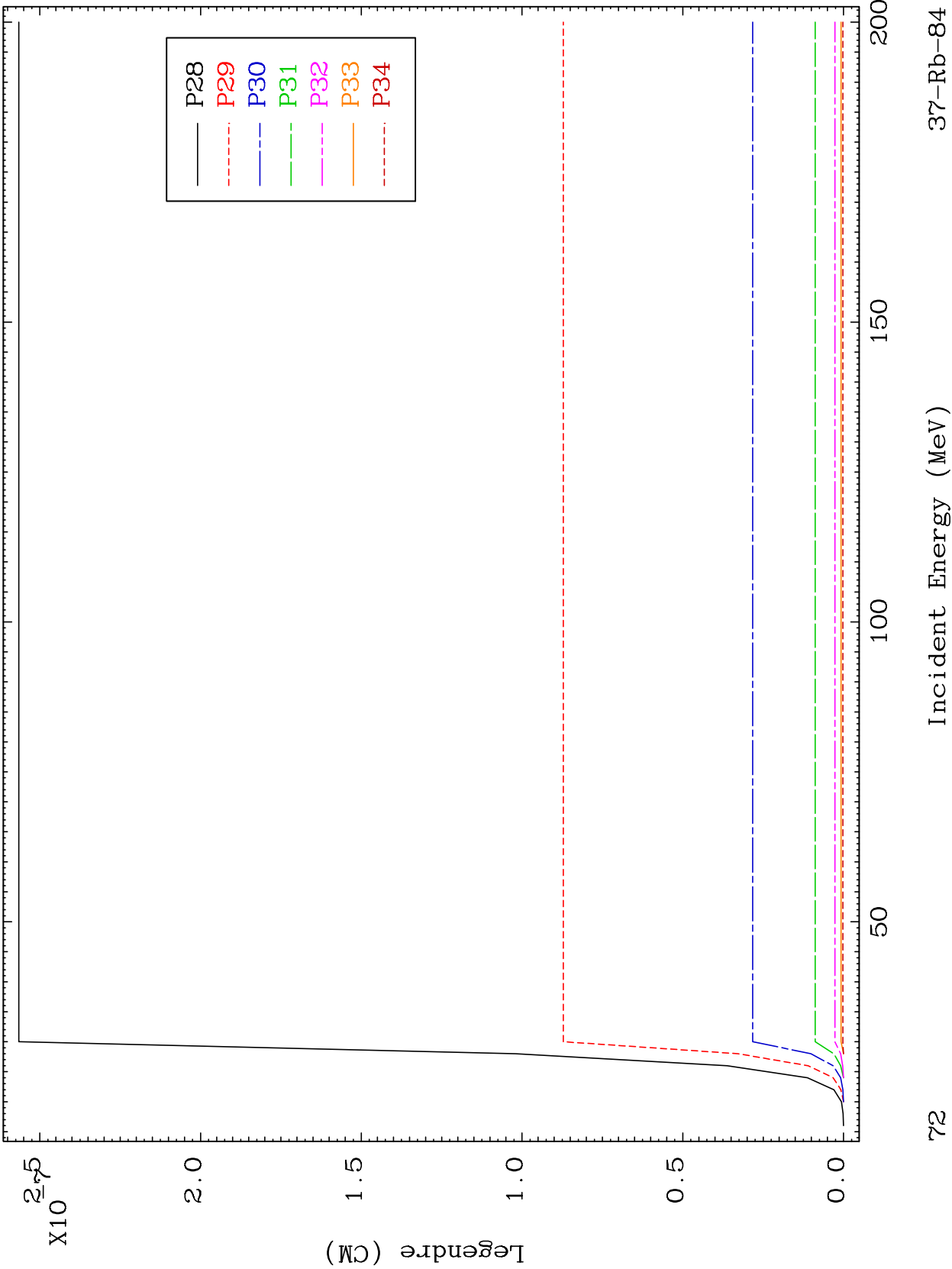
37-Rb-84



71

Incident Energy (MeV)

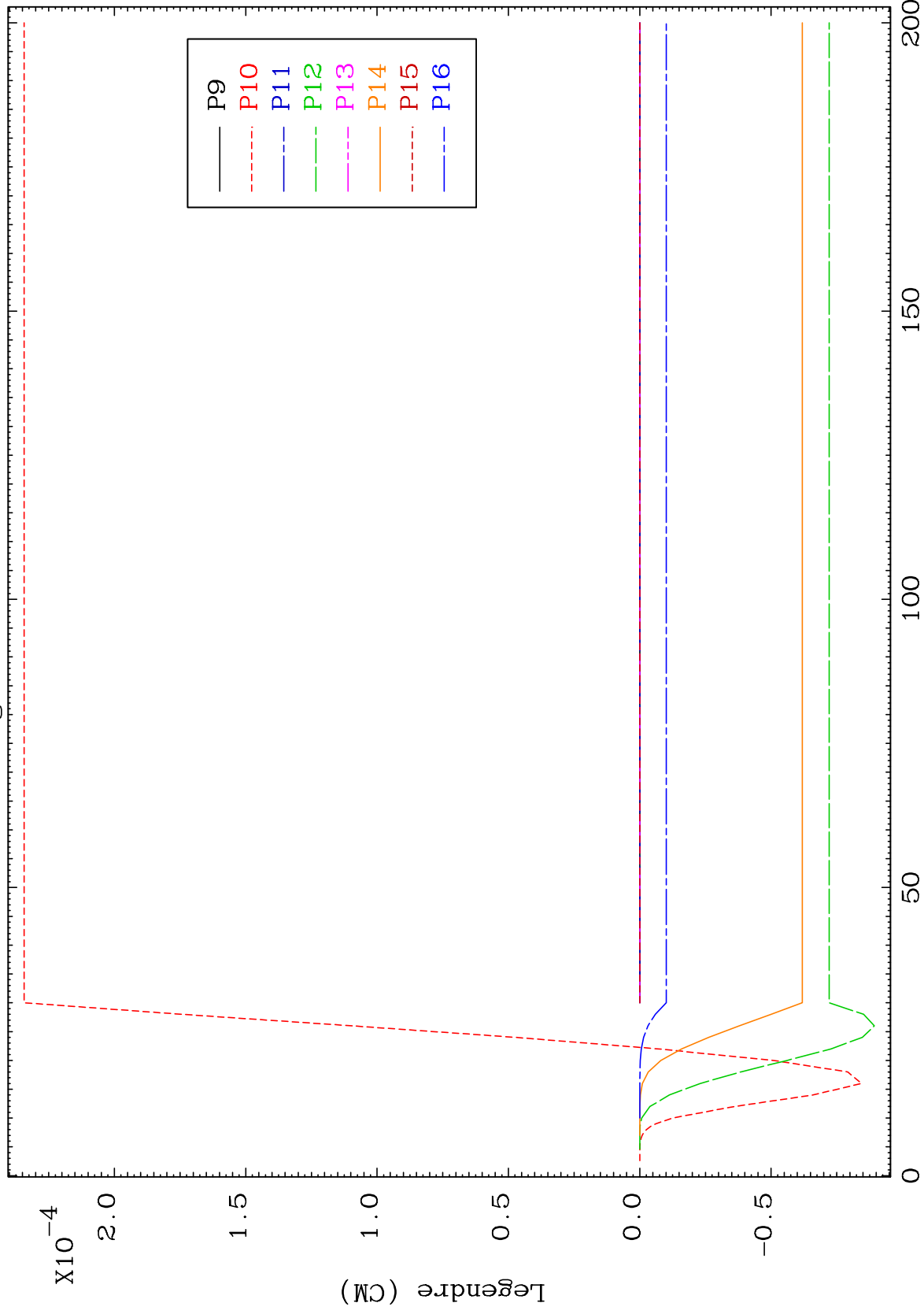
37-Rb-84



MAT 3722

929.0 keV (n,n') Level
Legendre Coefficients

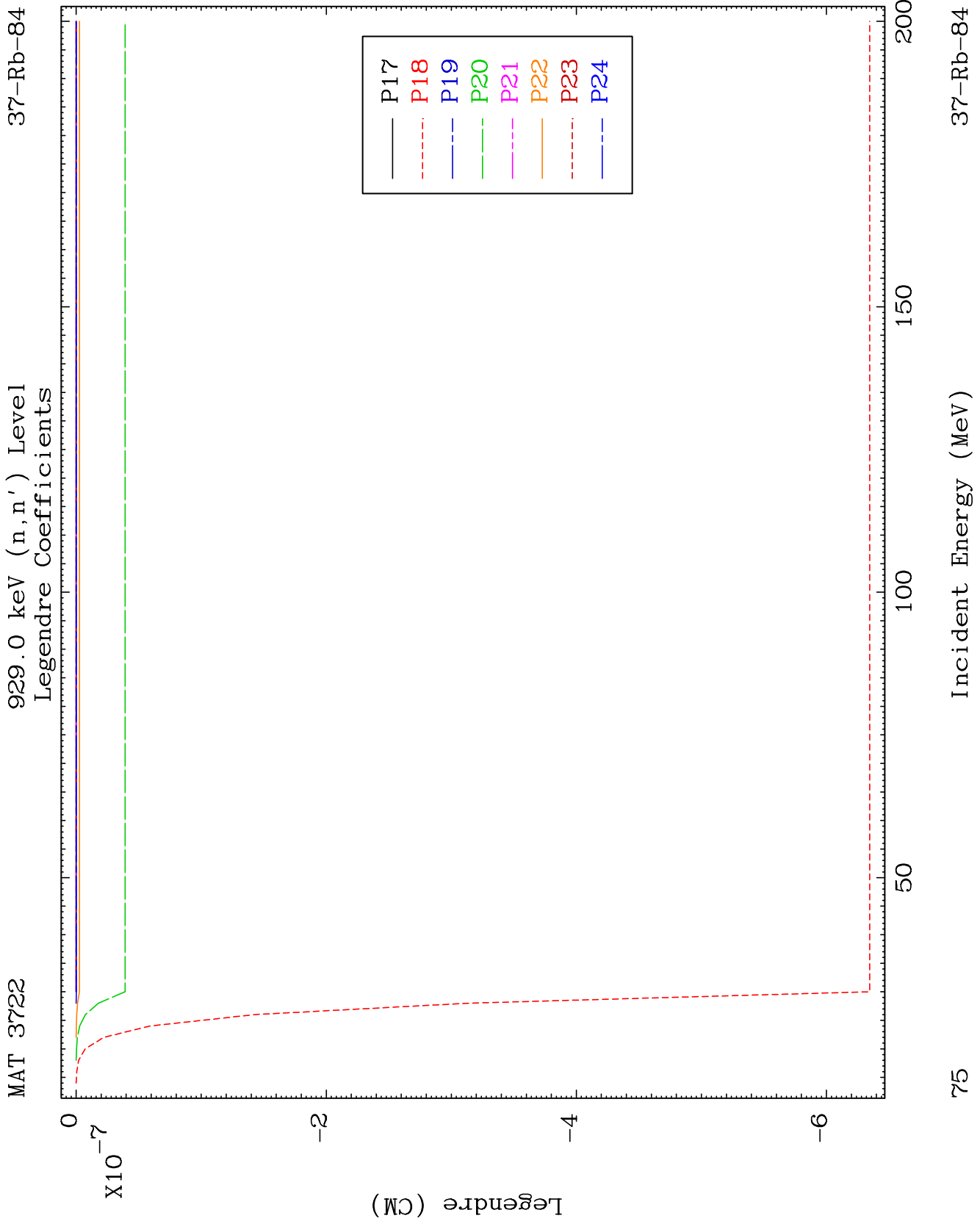
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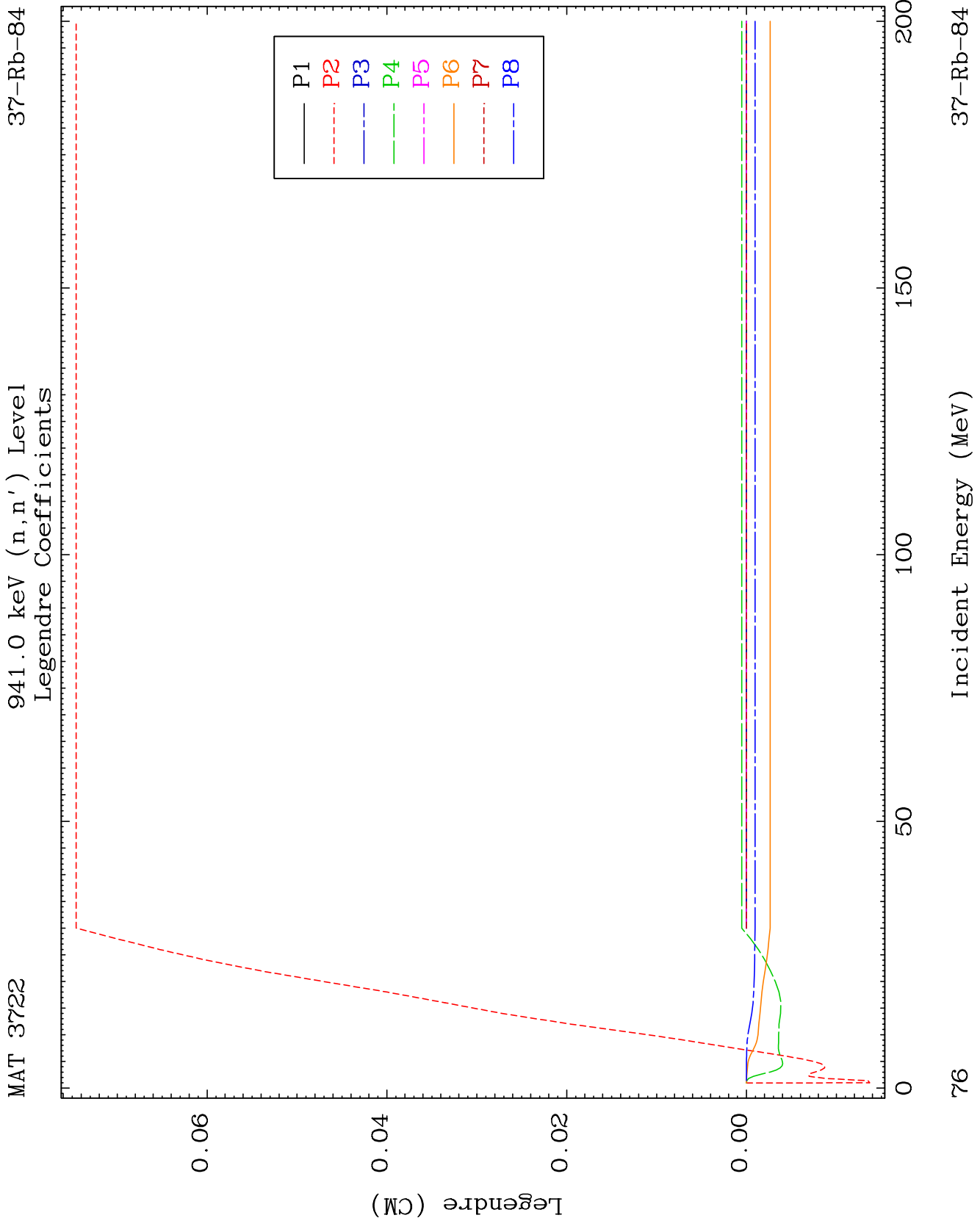


74

Incident Energy (MeV)

37-Rb-84

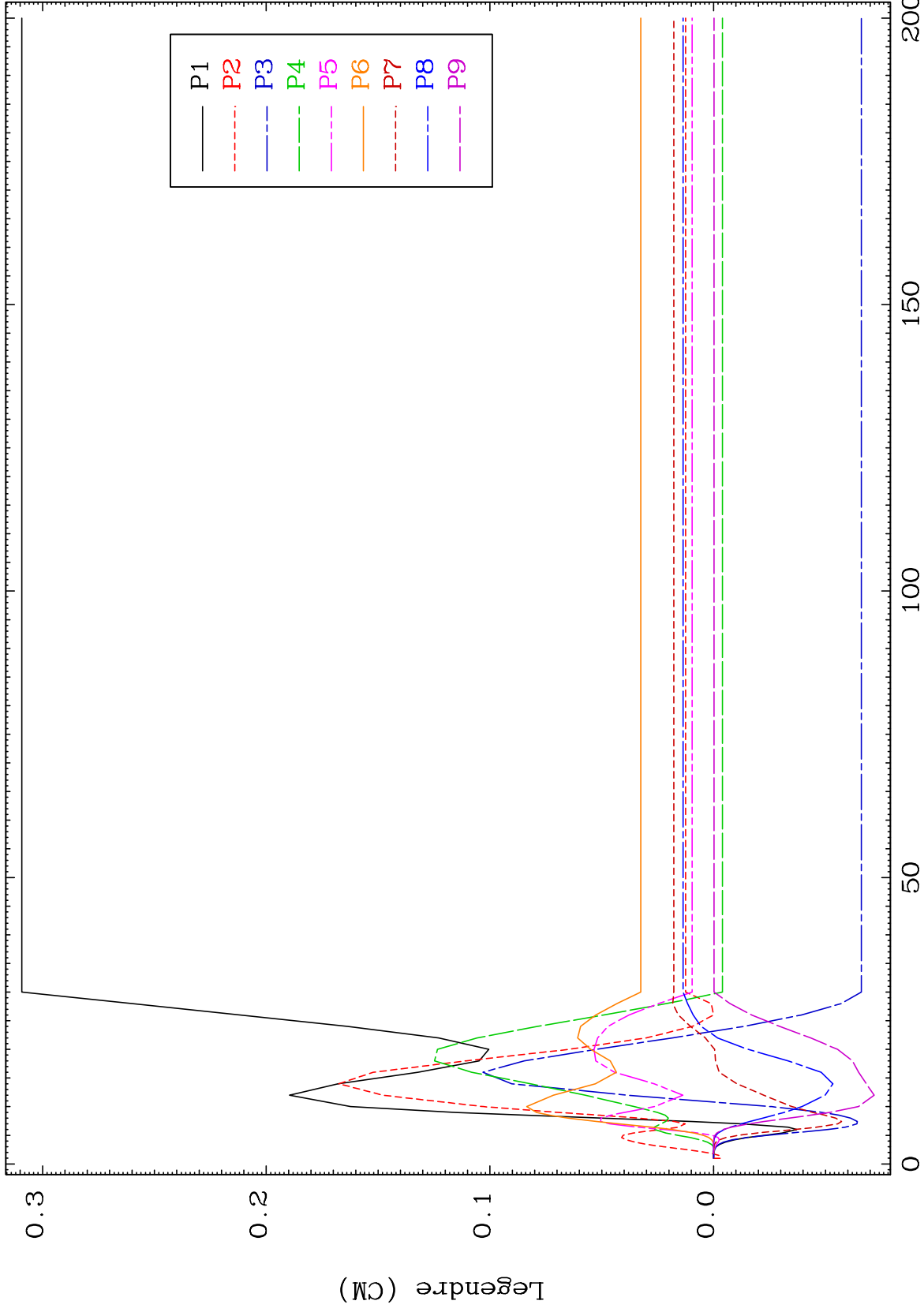




MAT 3722

957.0 keV (n,n') Level
Legendre Coefficients

37-Rb-84



79

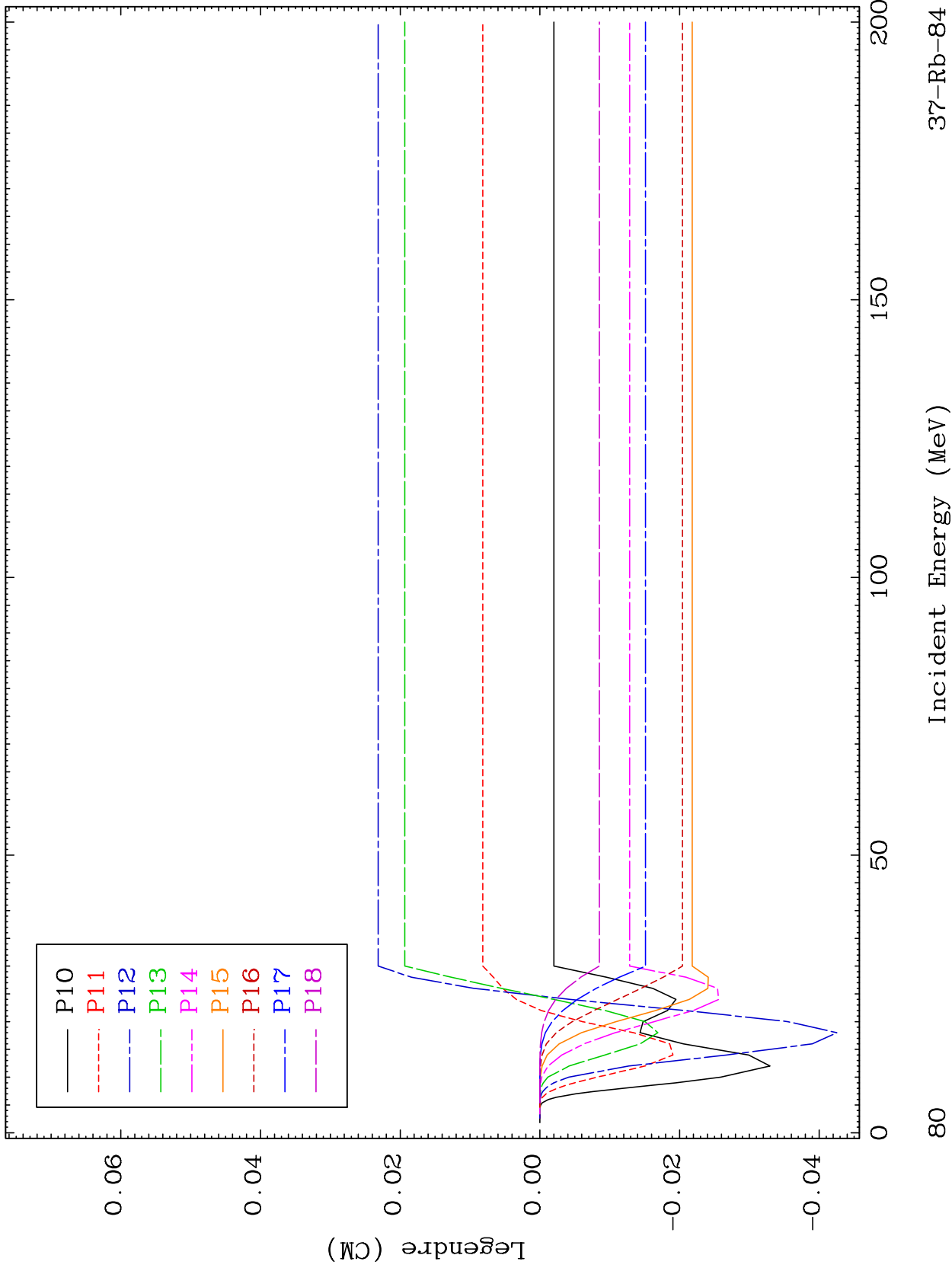
Incident Energy (MeV)

37-Rb-84

MAT 3722

957.0 keV (n,n') Level
Legendre Coefficients

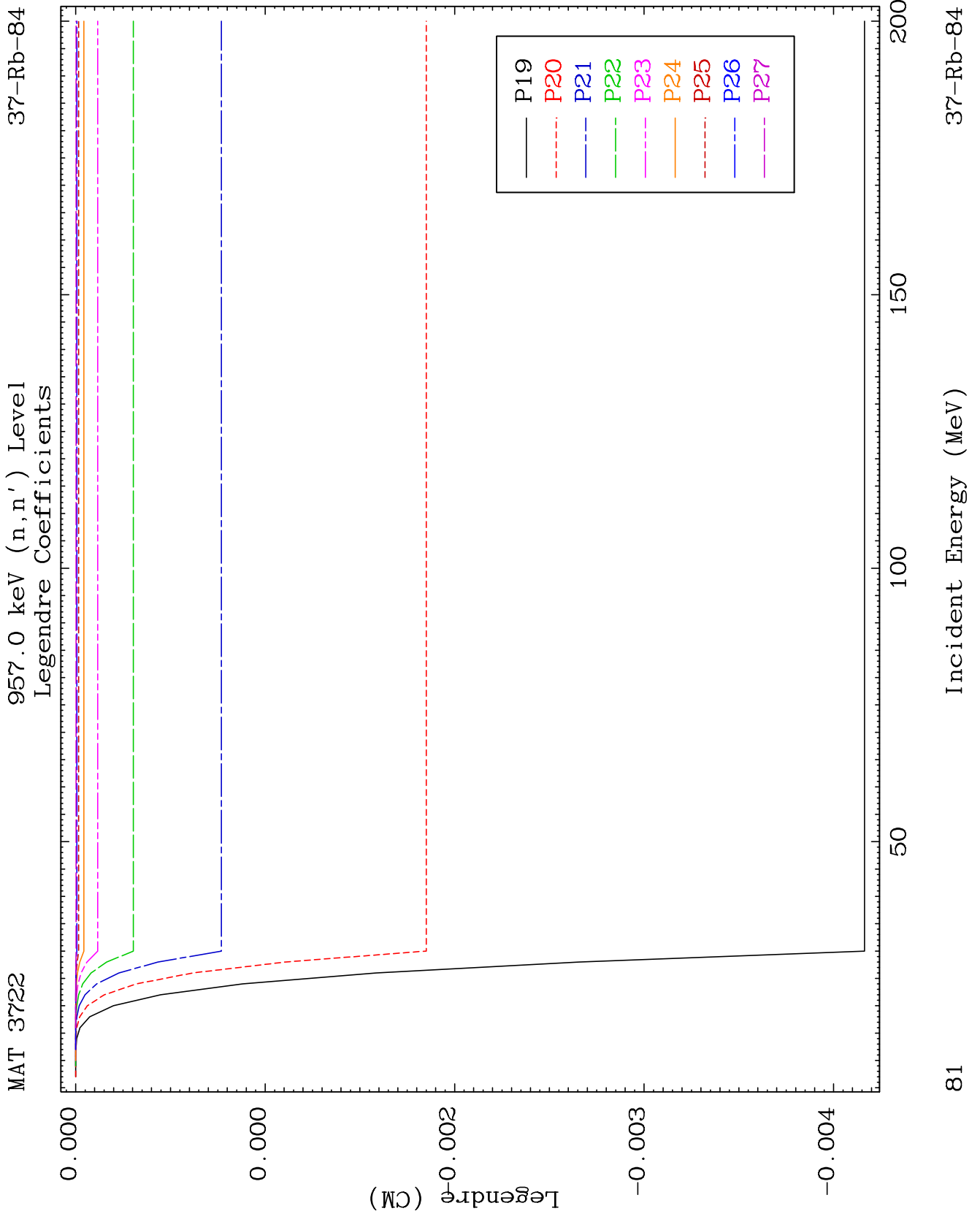
37-Rb-84

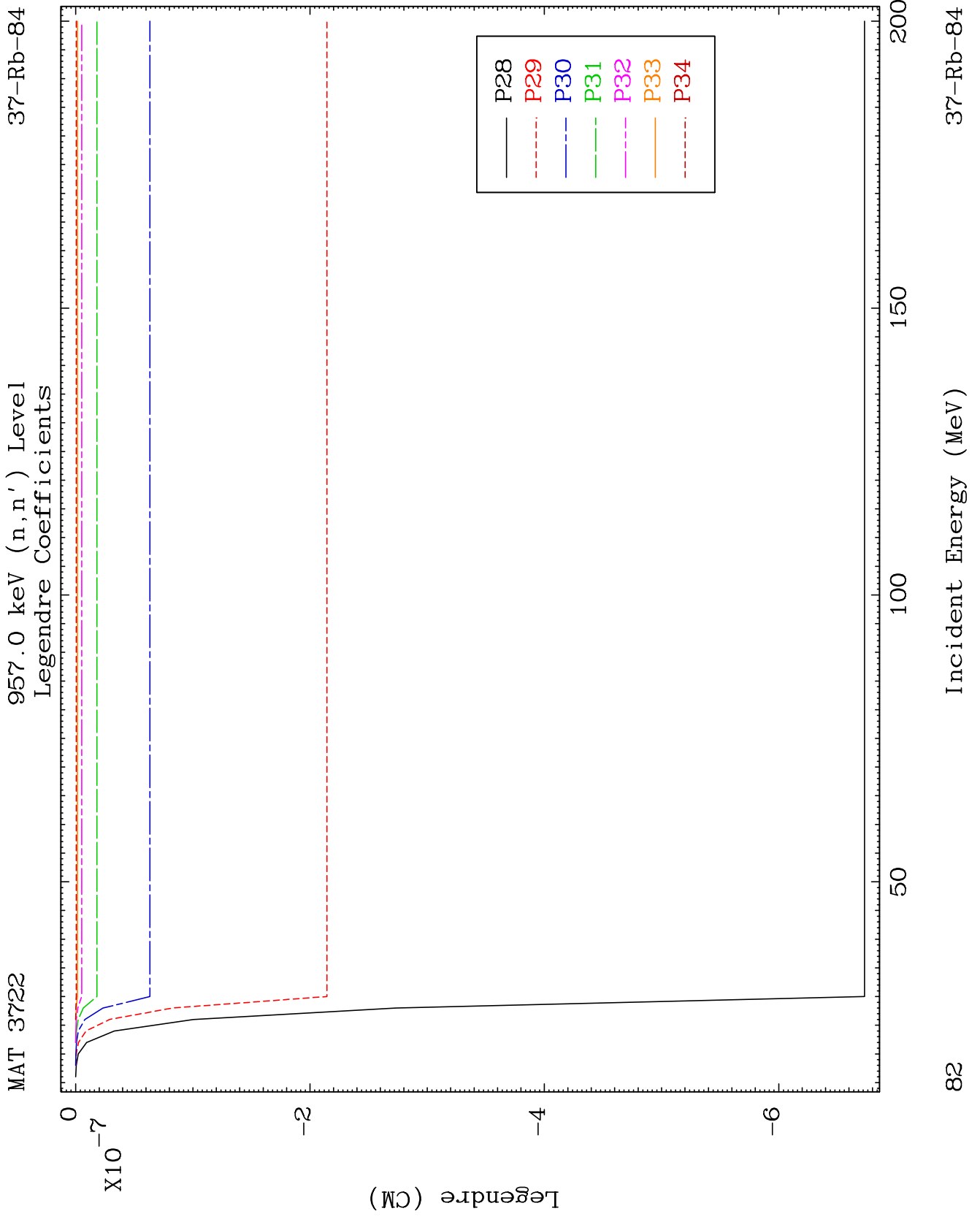


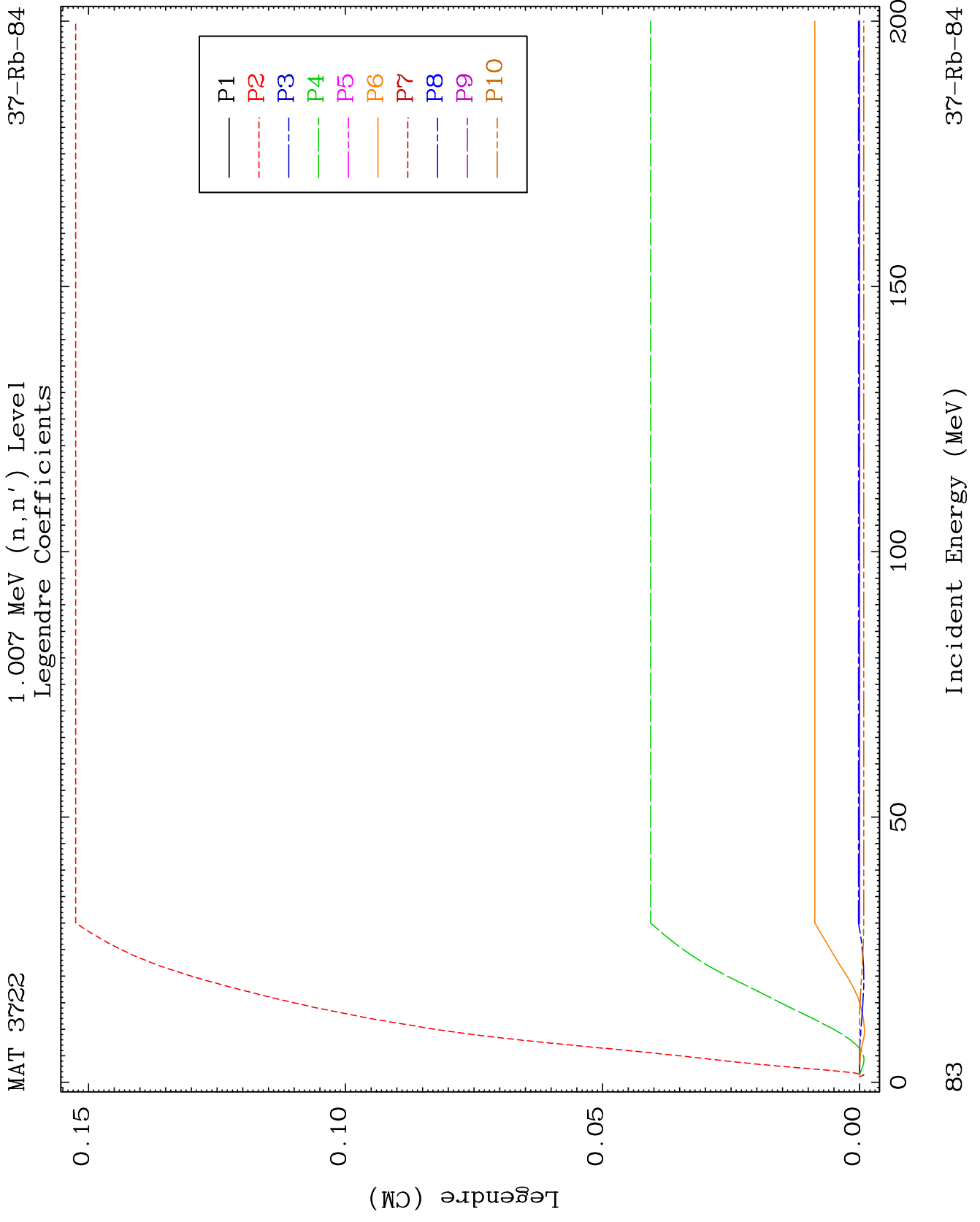
37-Rb-84

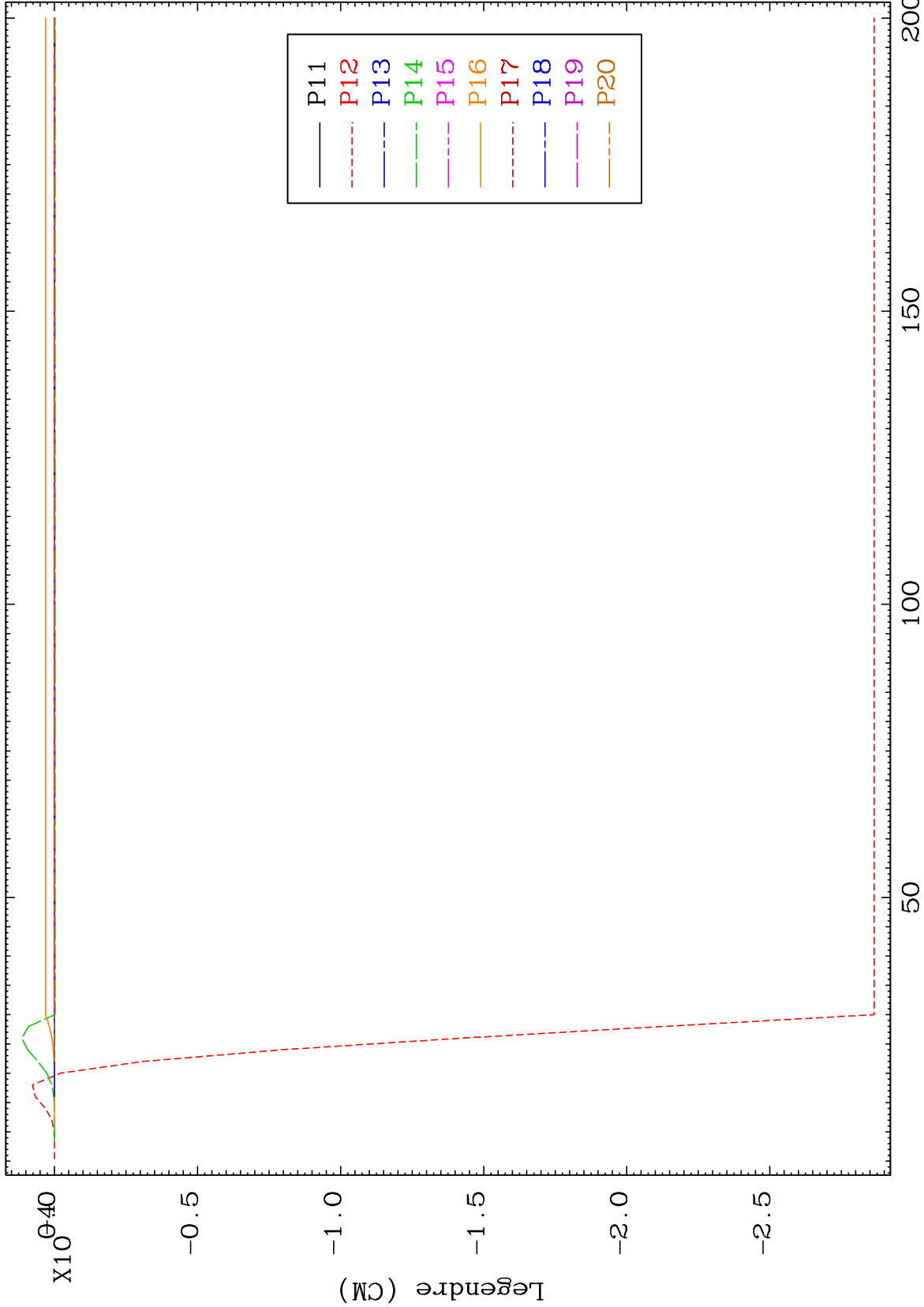
Incident Energy (MeV)

80





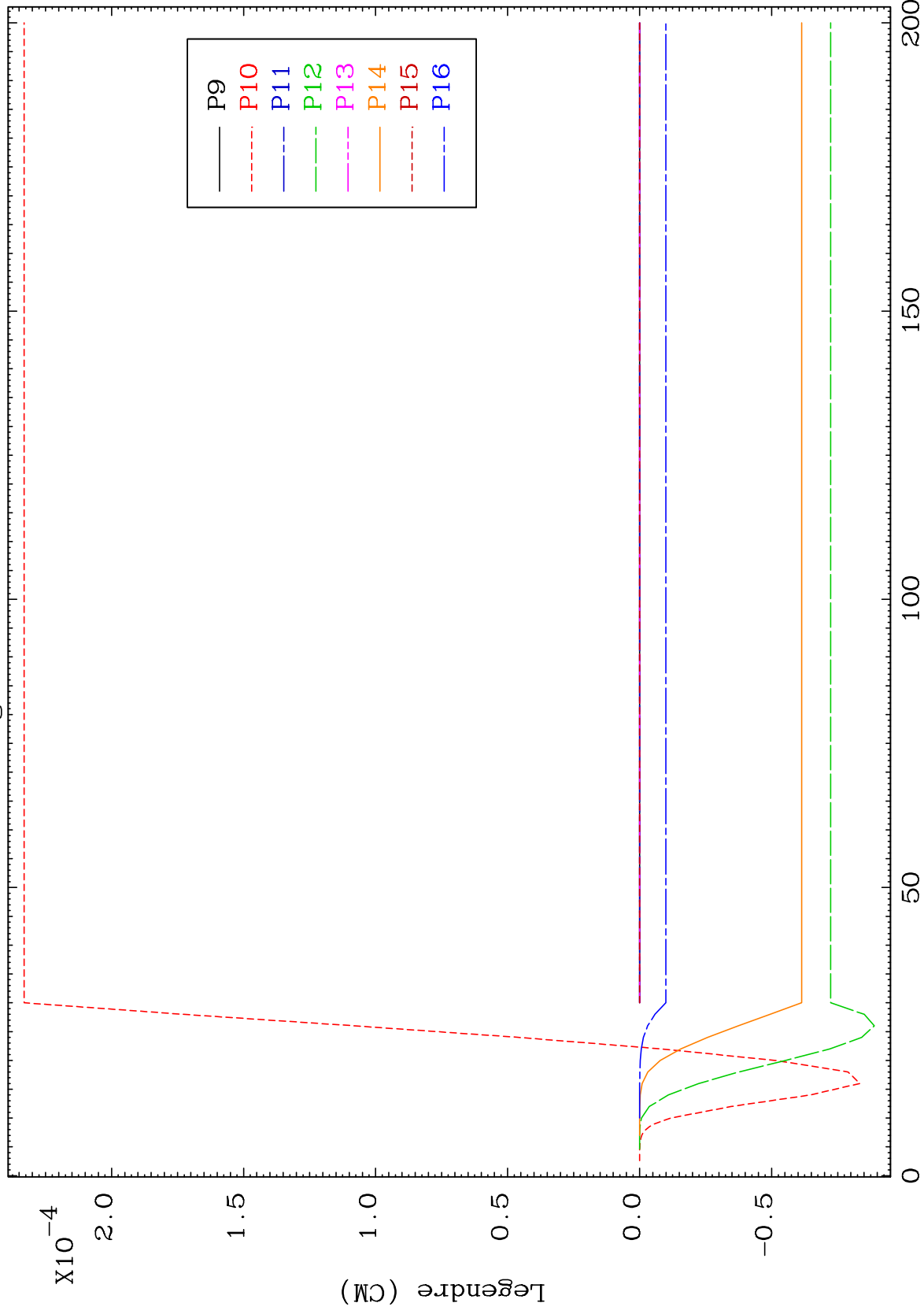




MAT 3722

1.066 MeV (n,n') Level
Legendre Coefficients

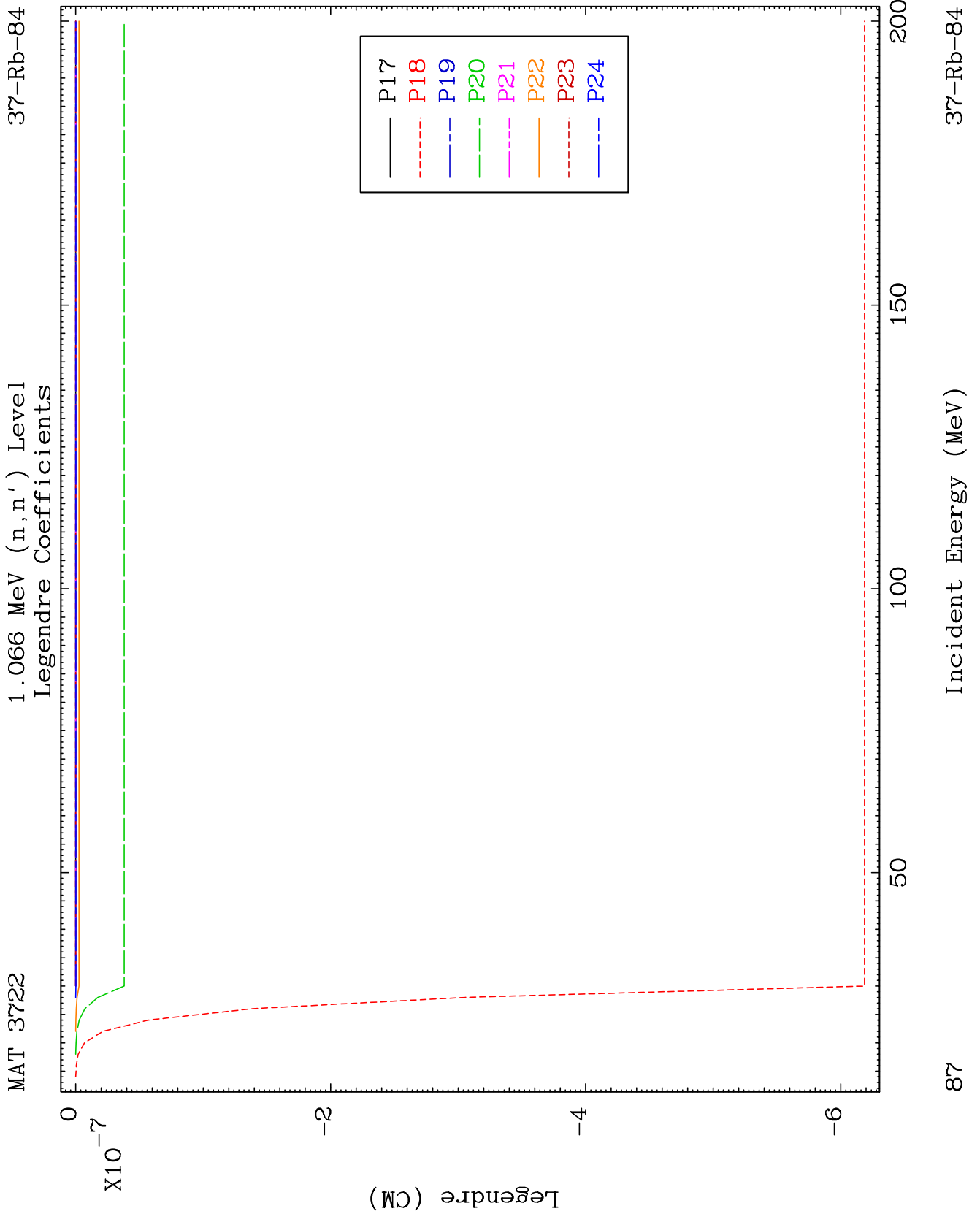
37-Rb-84



86

Incident Energy (MeV)

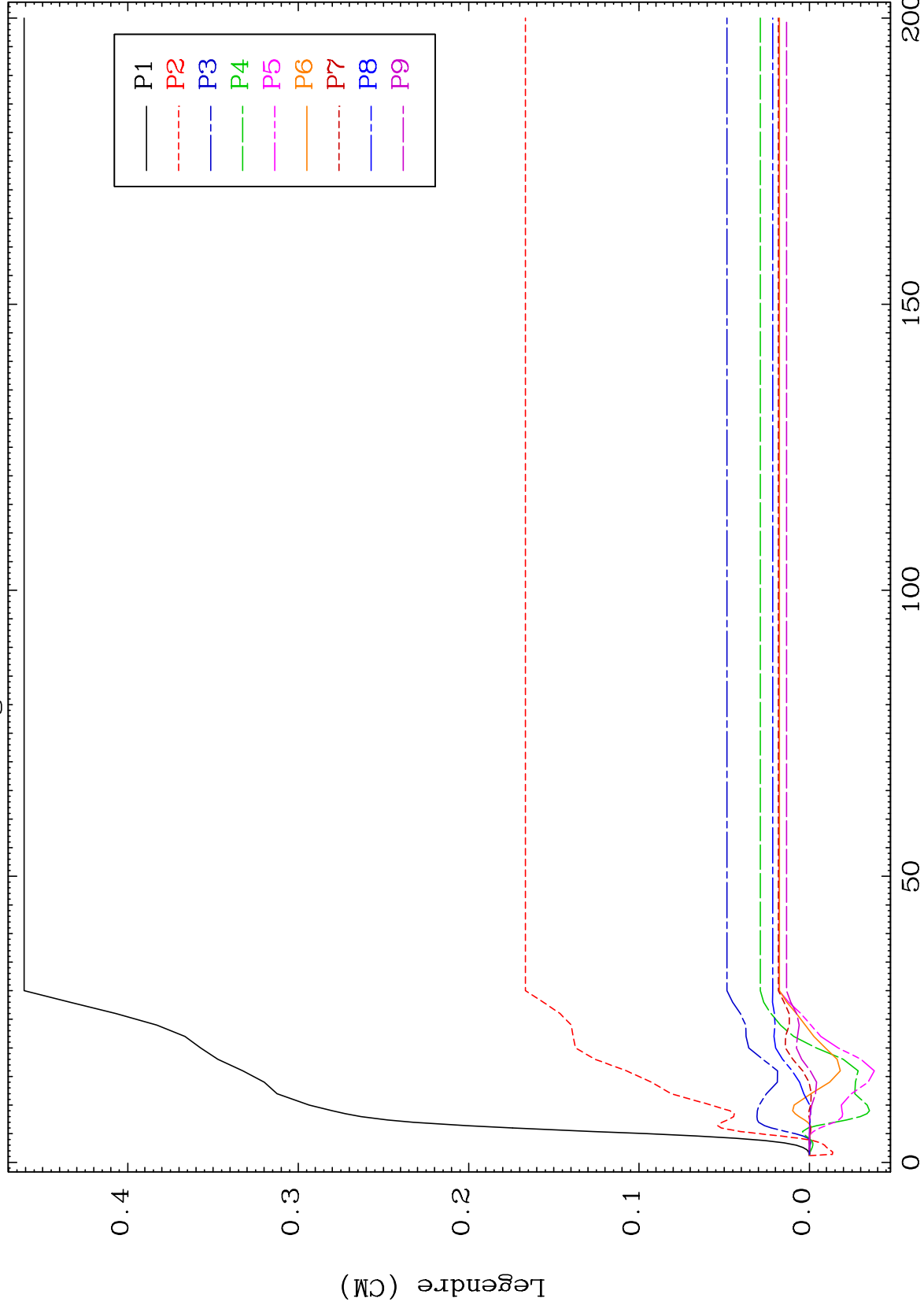
37-Rb-84



MAT 3722

1.136 MeV (n,n') Level
Legendre Coefficients

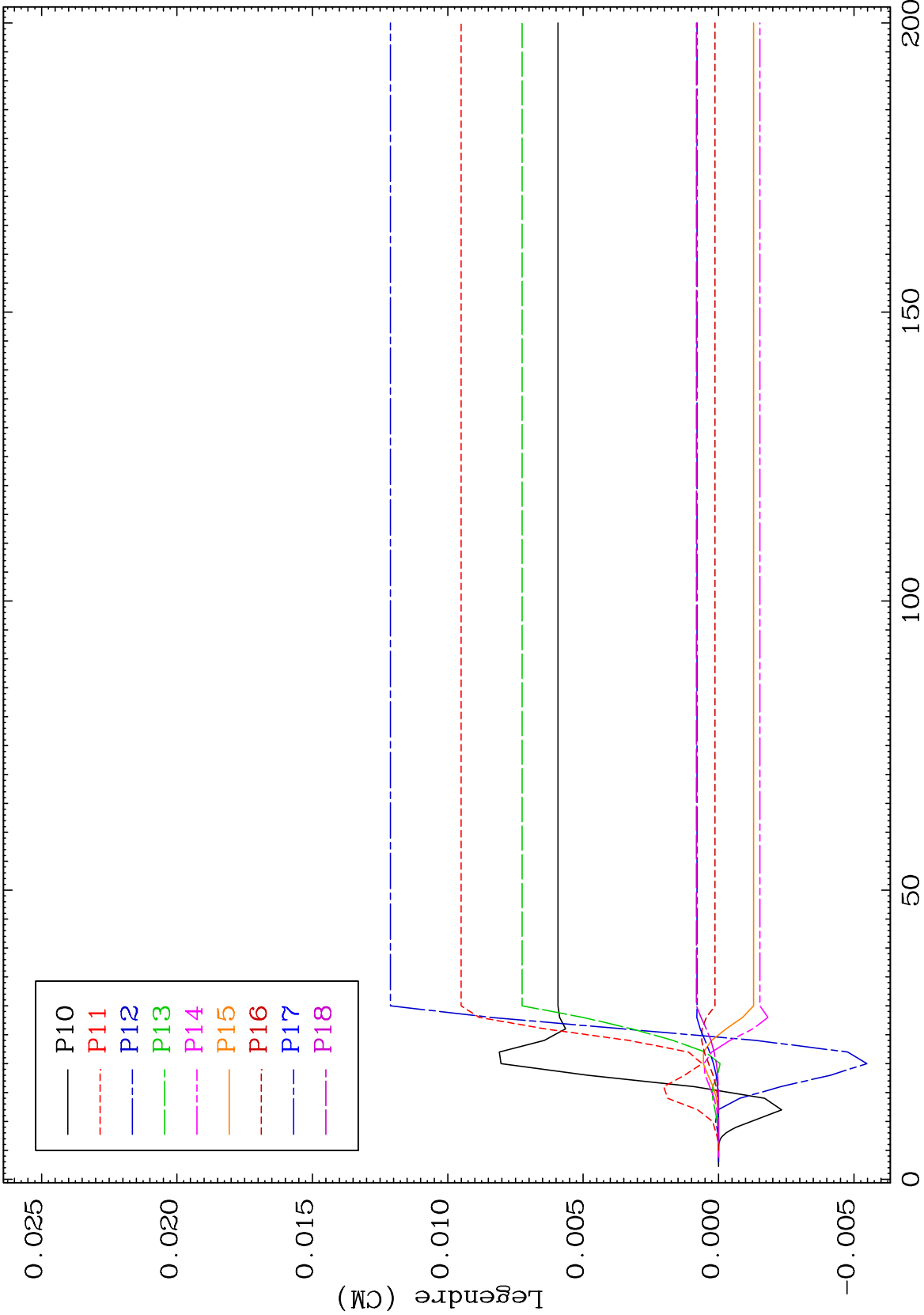
37-Rb-84



88

Incident Energy (MeV)

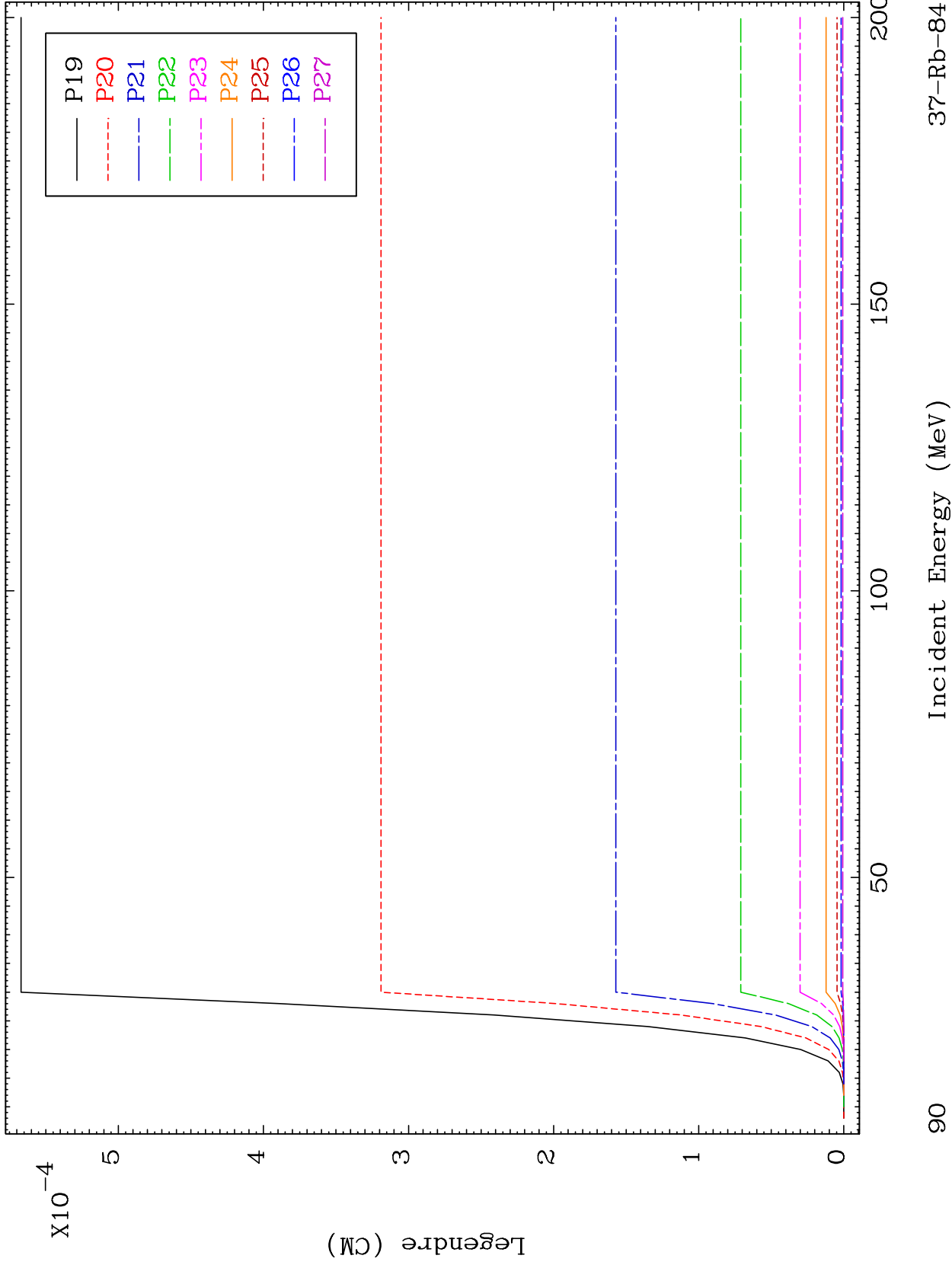
37-Rb-84

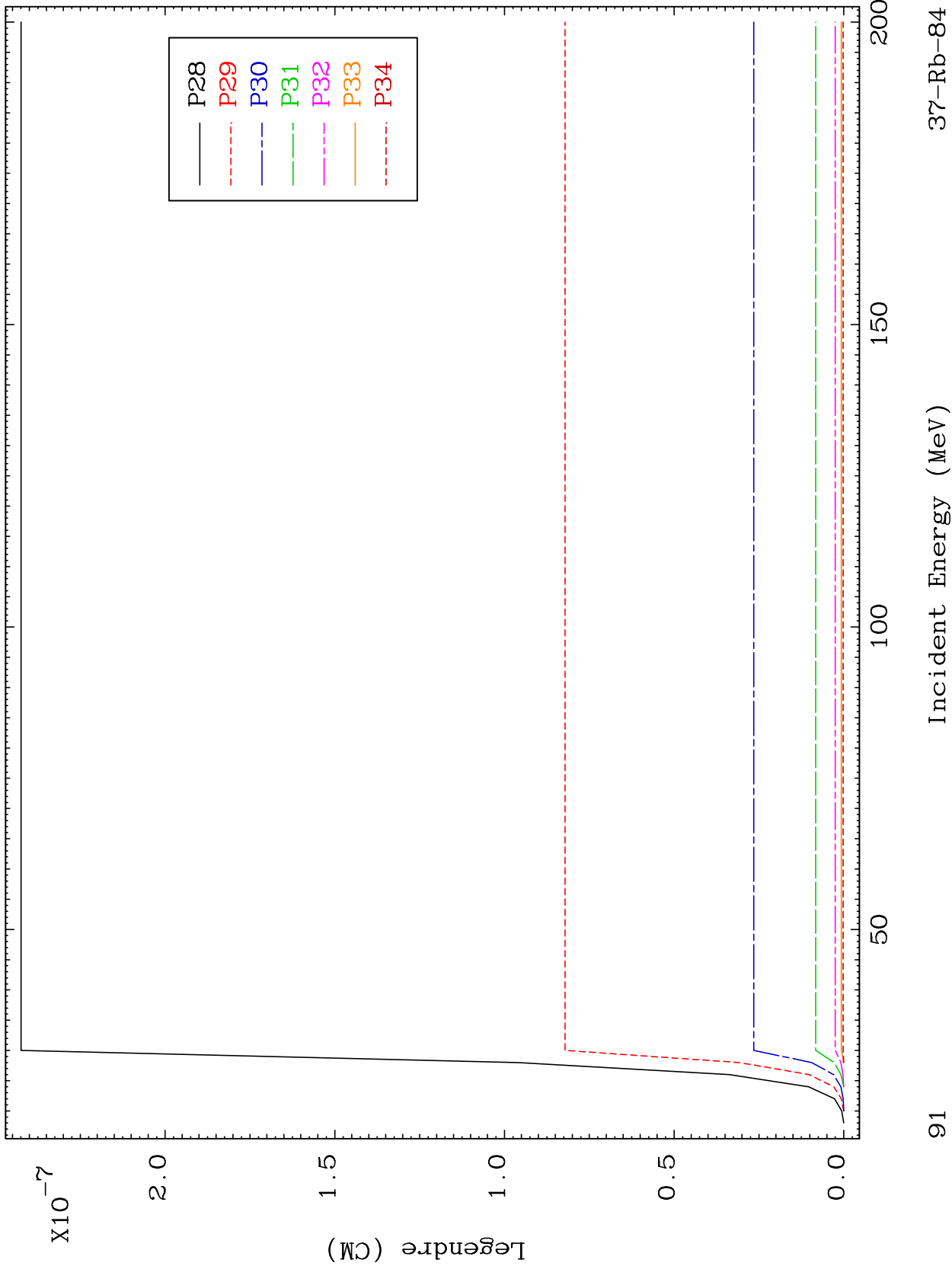


MAT 3722

1.136 MeV (n,n') Level
Legendre Coefficients

37-Rb-84

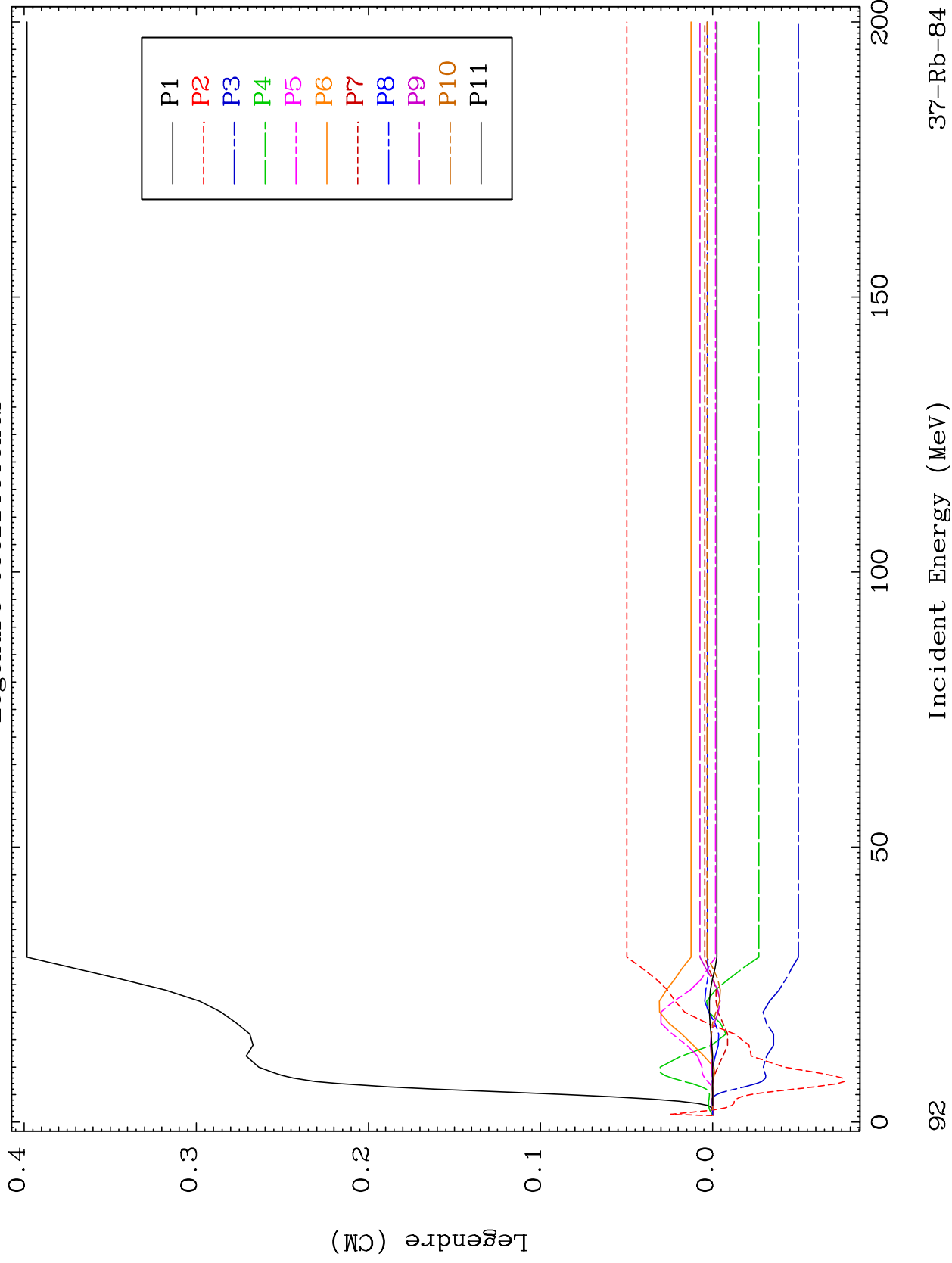




MAT 3722

1.157 MeV (n,n') Level
Legendre Coefficients

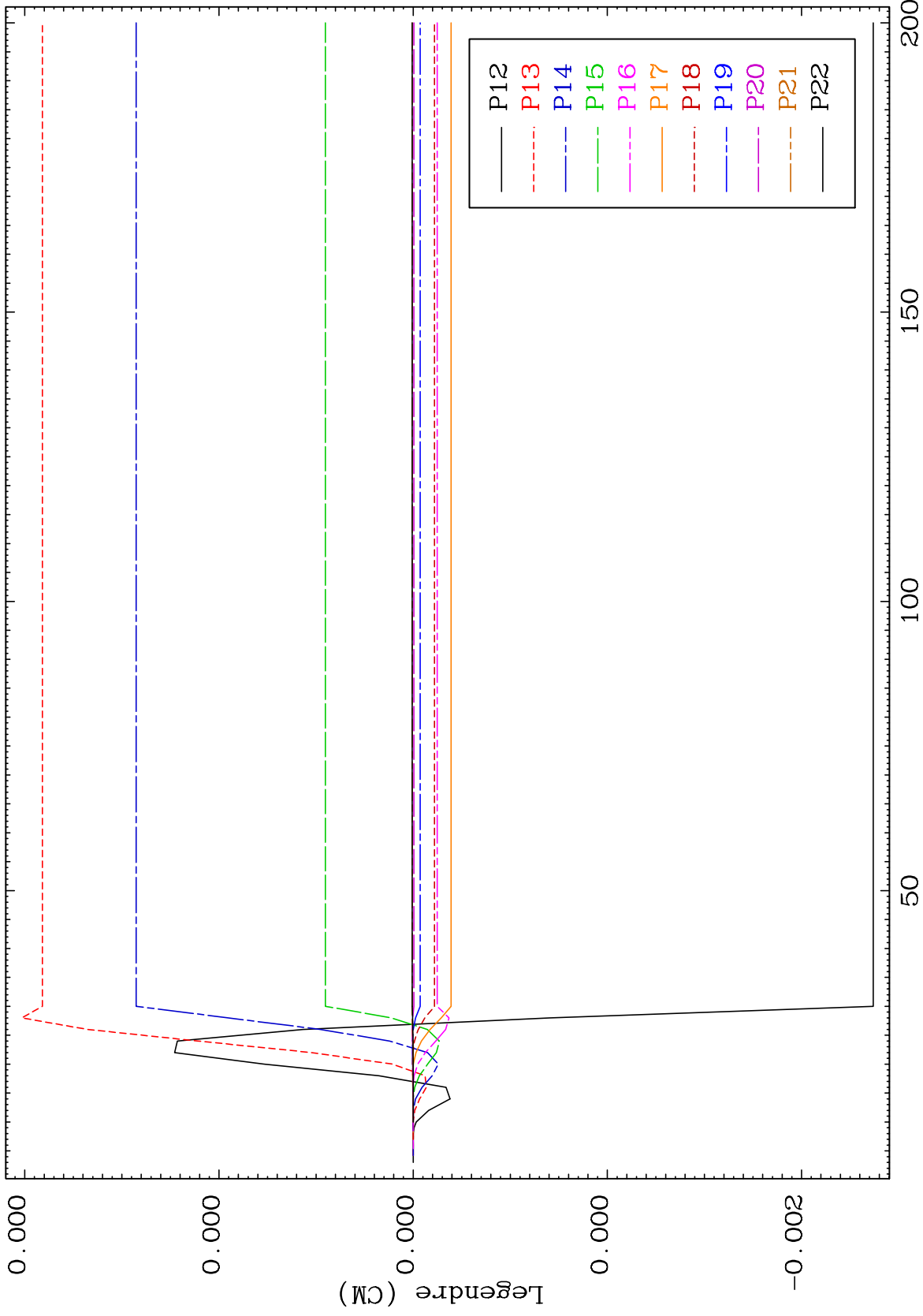
37-Rb-84



92

Incident Energy (MeV)

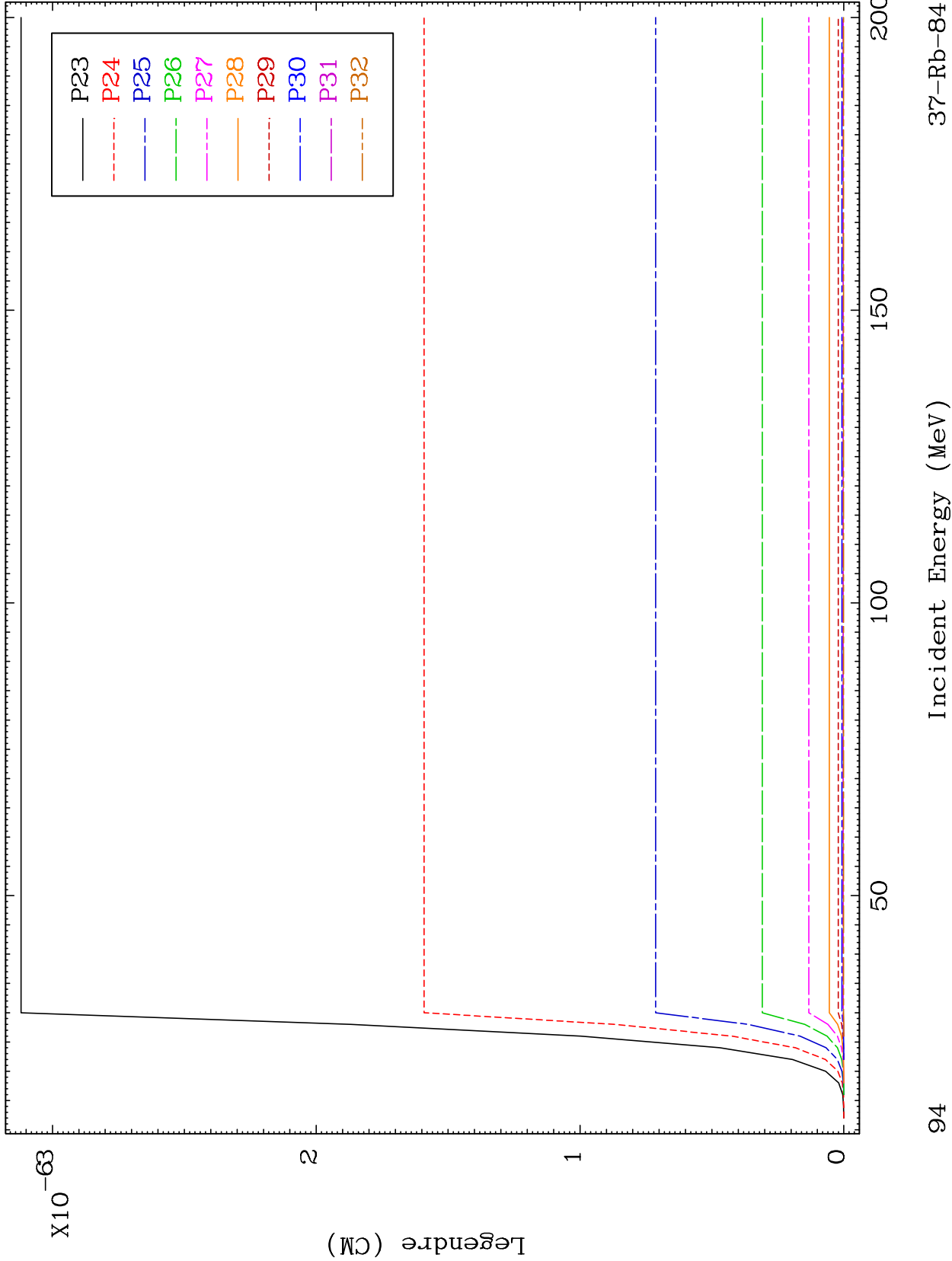
37-Rb-84



MAT 3722

1.157 MeV (n, n') Level
Legendre Coefficients

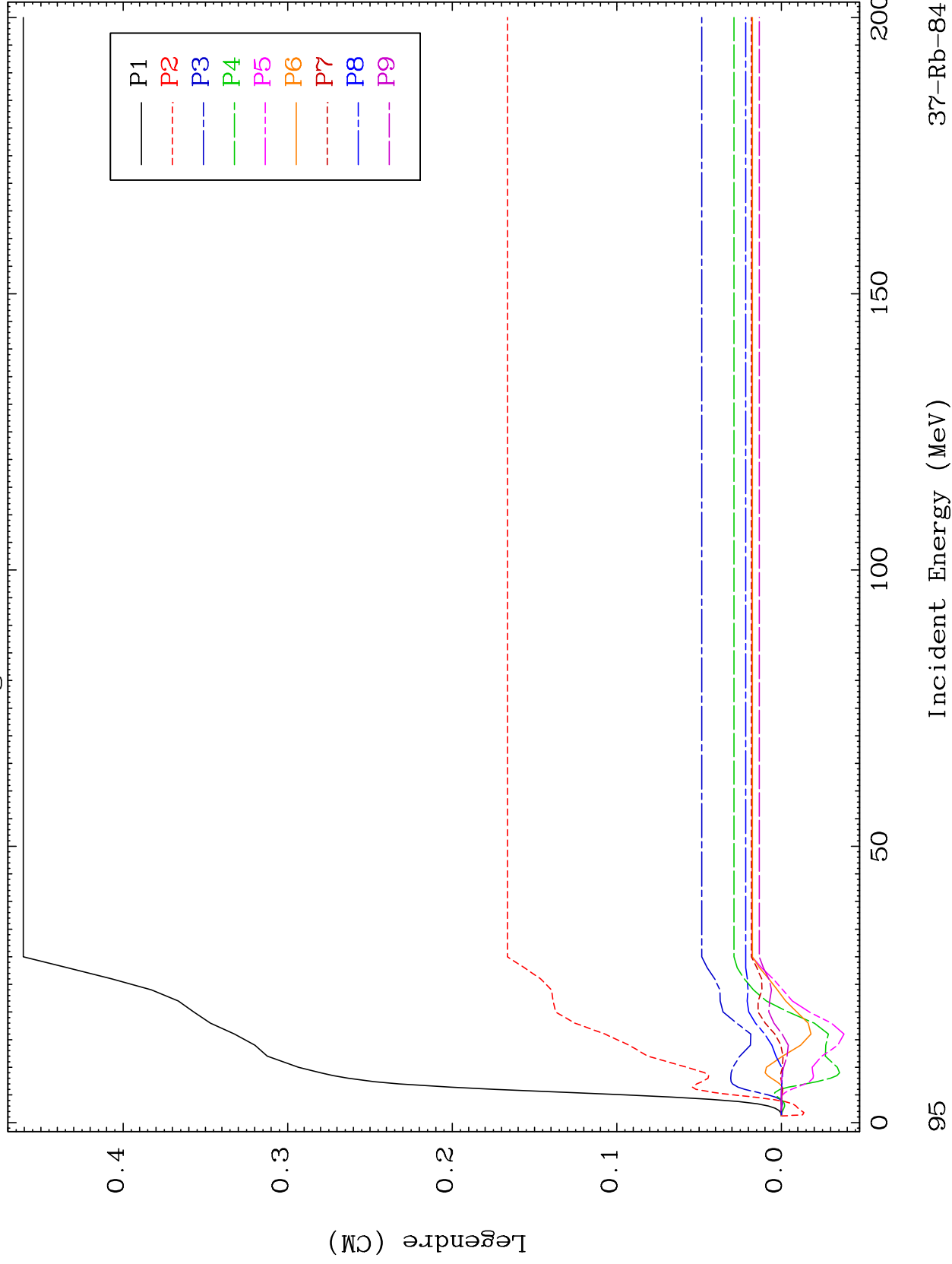
37-Rb-84



MAT 3722

1.167 MeV (n,n') Level
Legendre Coefficients

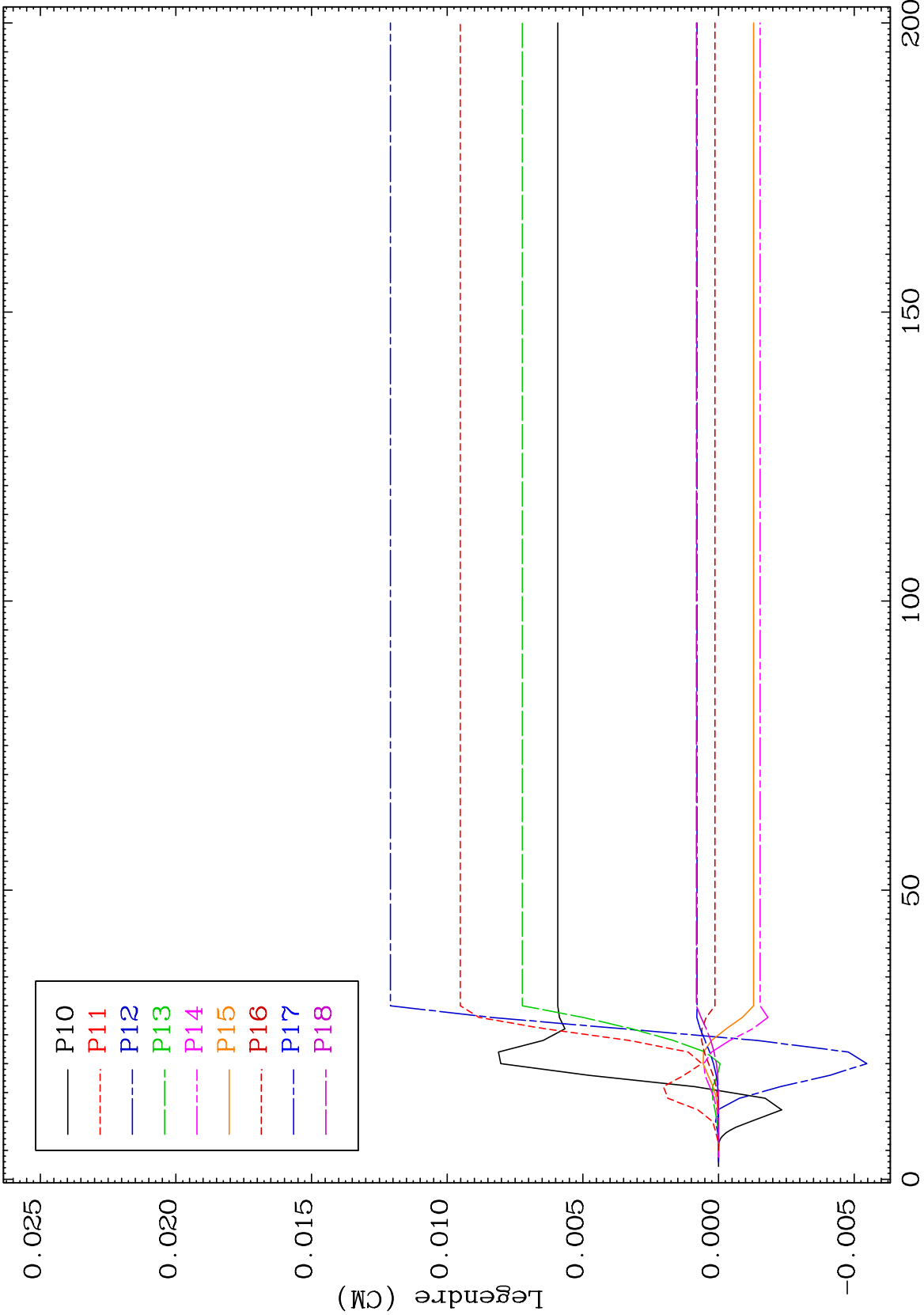
37-Rb-84



95

Incident Energy (MeV)

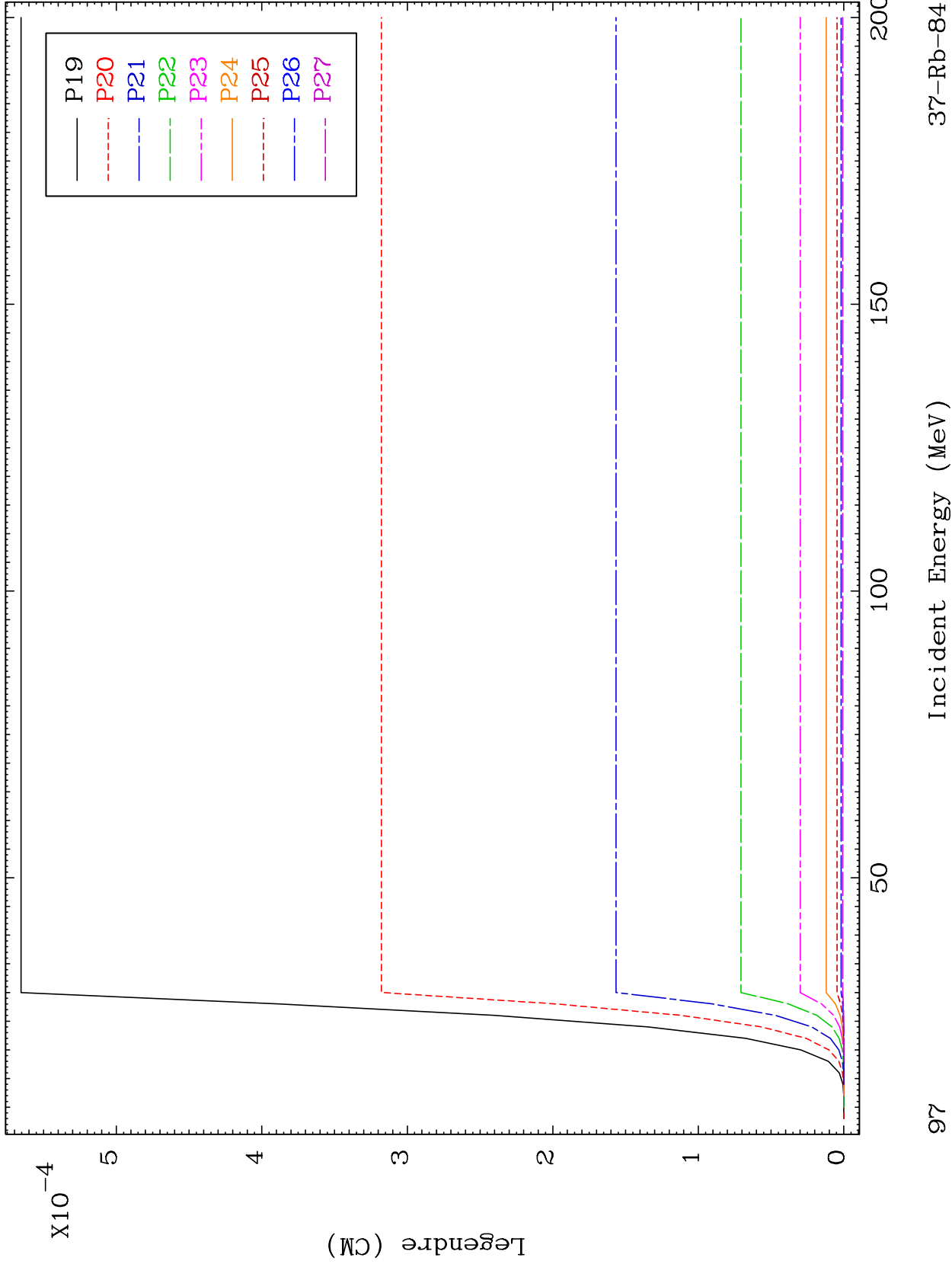
37-Rb-84

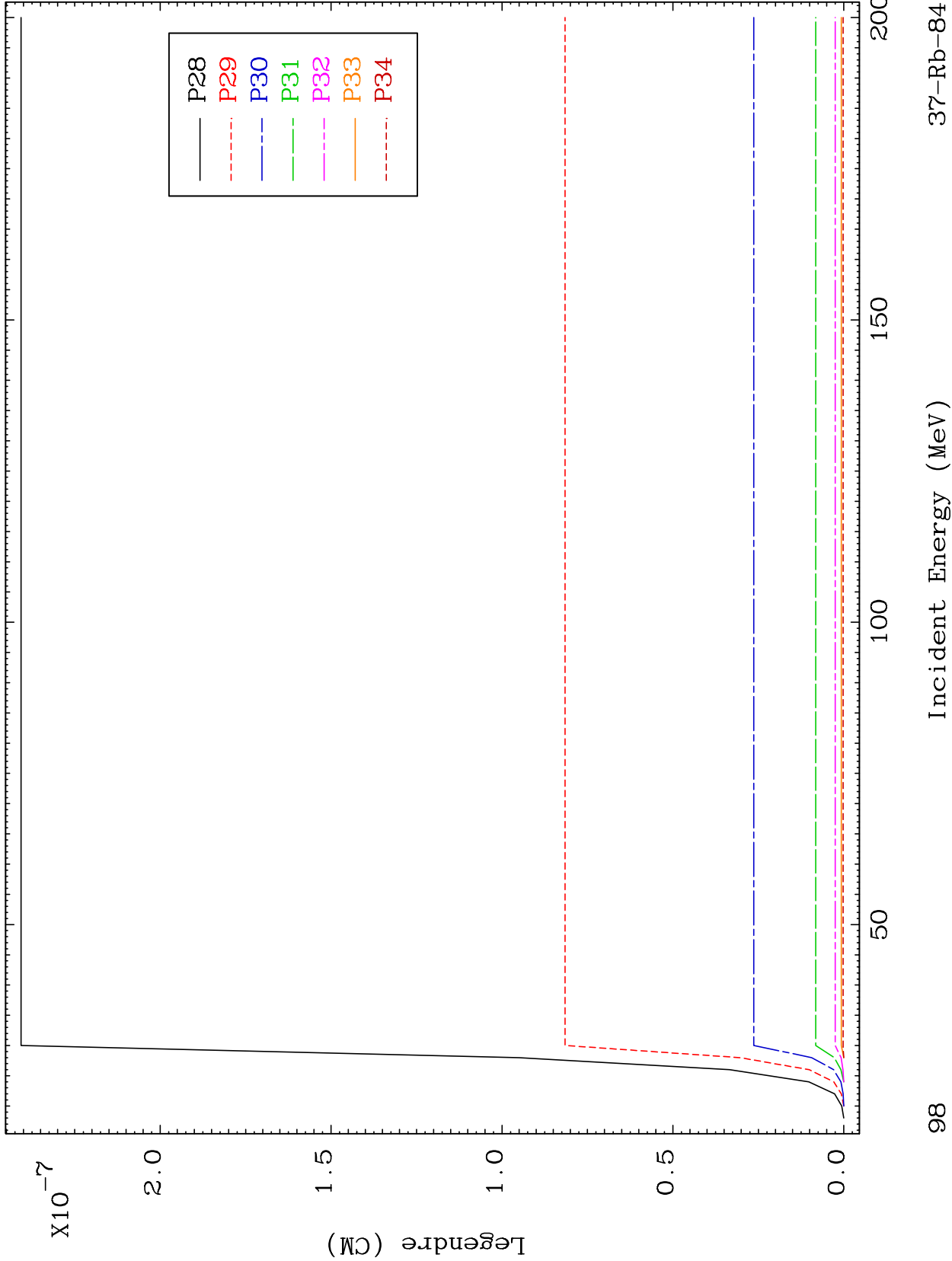


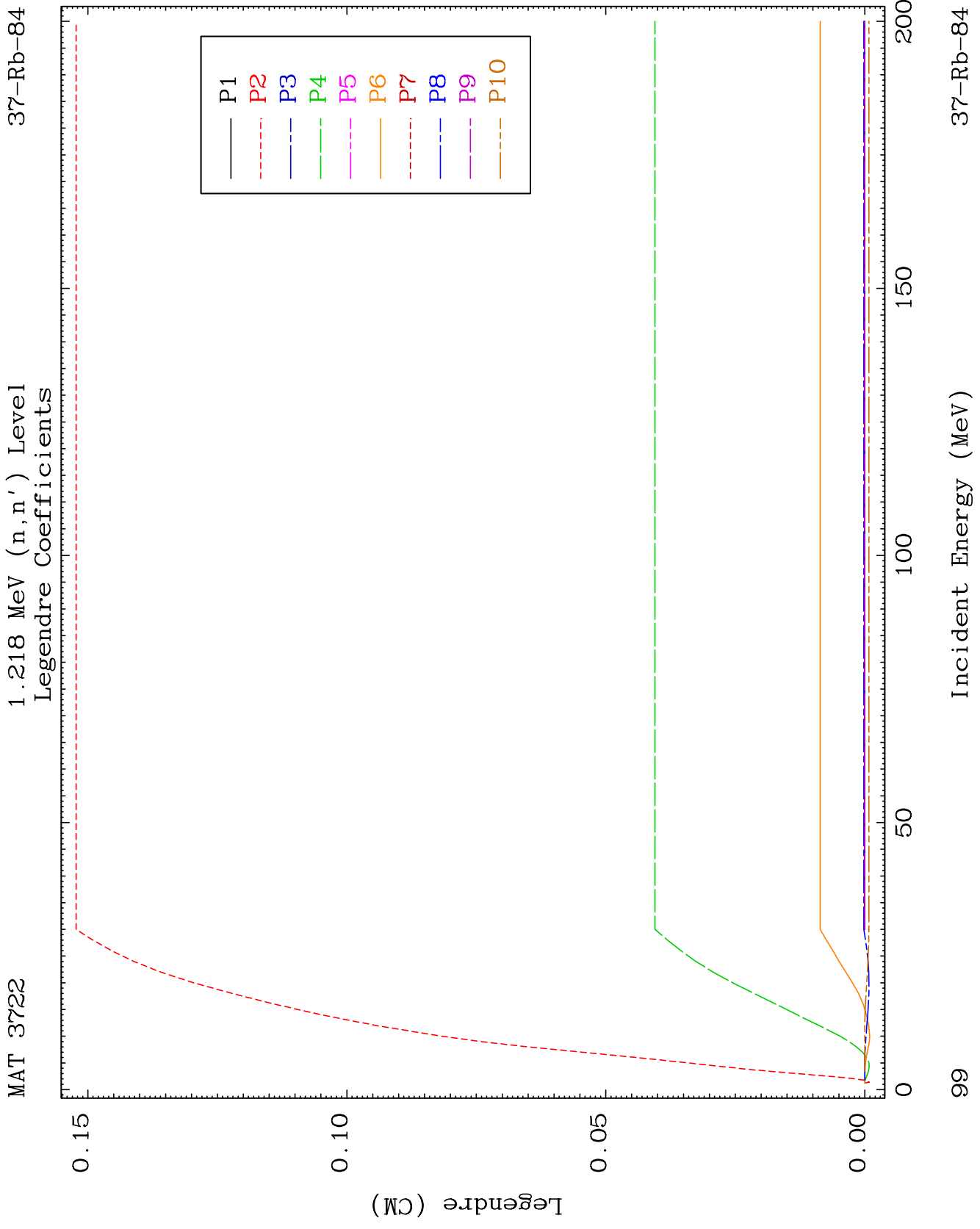
MAT 3722

1.167 MeV (n,n') Level
Legendre Coefficients

37-Rb-84



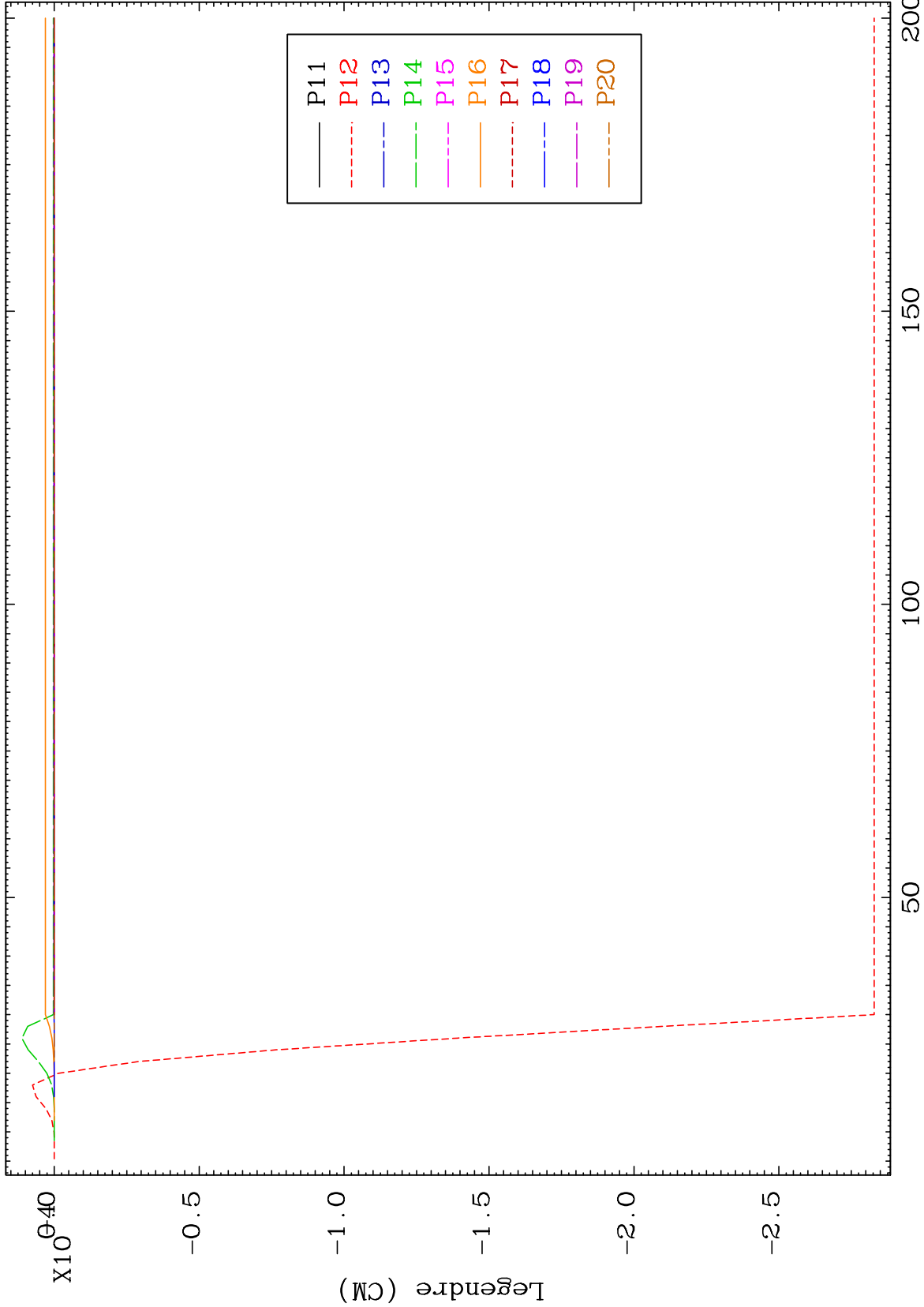




MAT 3722

1.218 MeV (n,n') Level
Legendre Coefficients

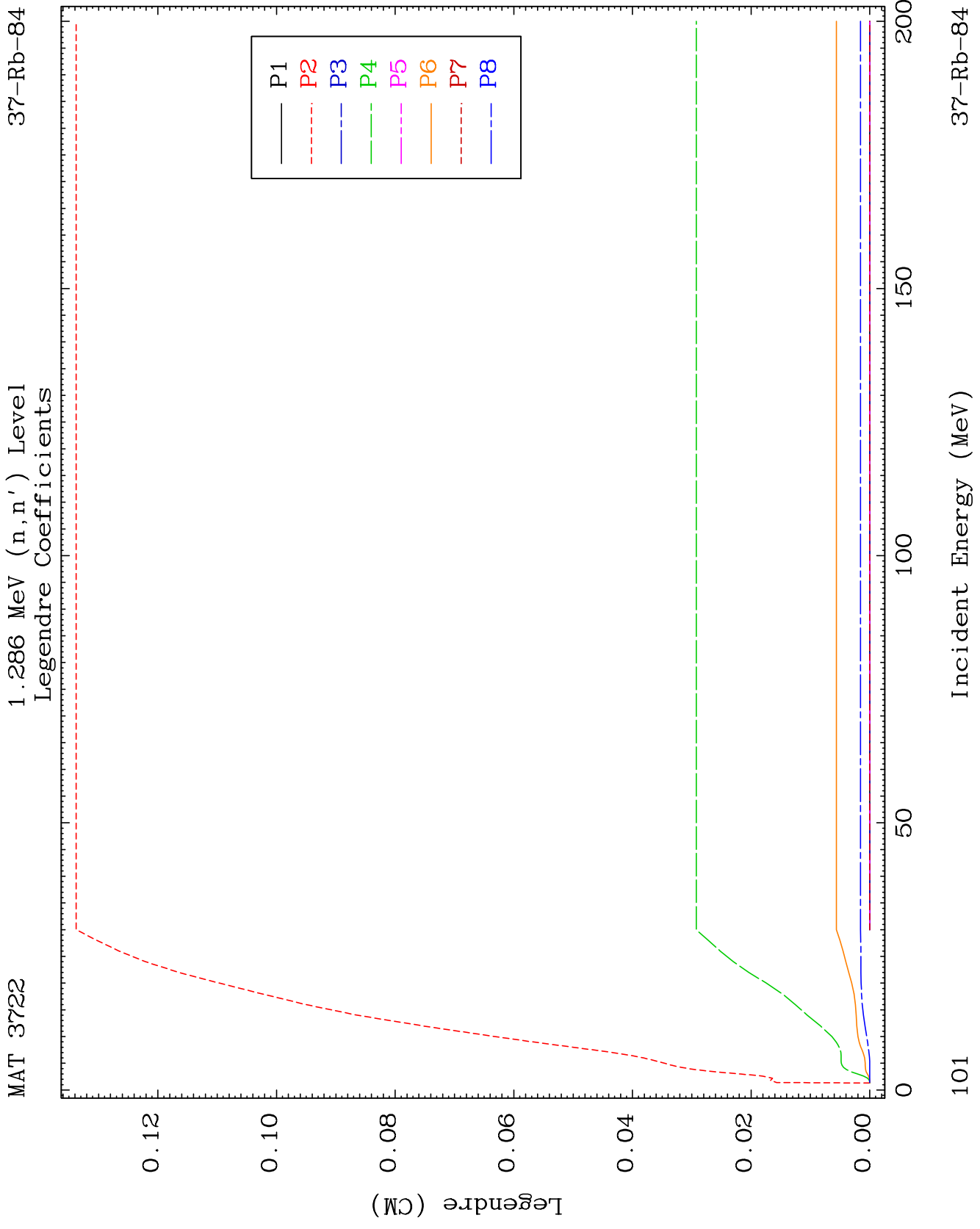
37-Rb-84

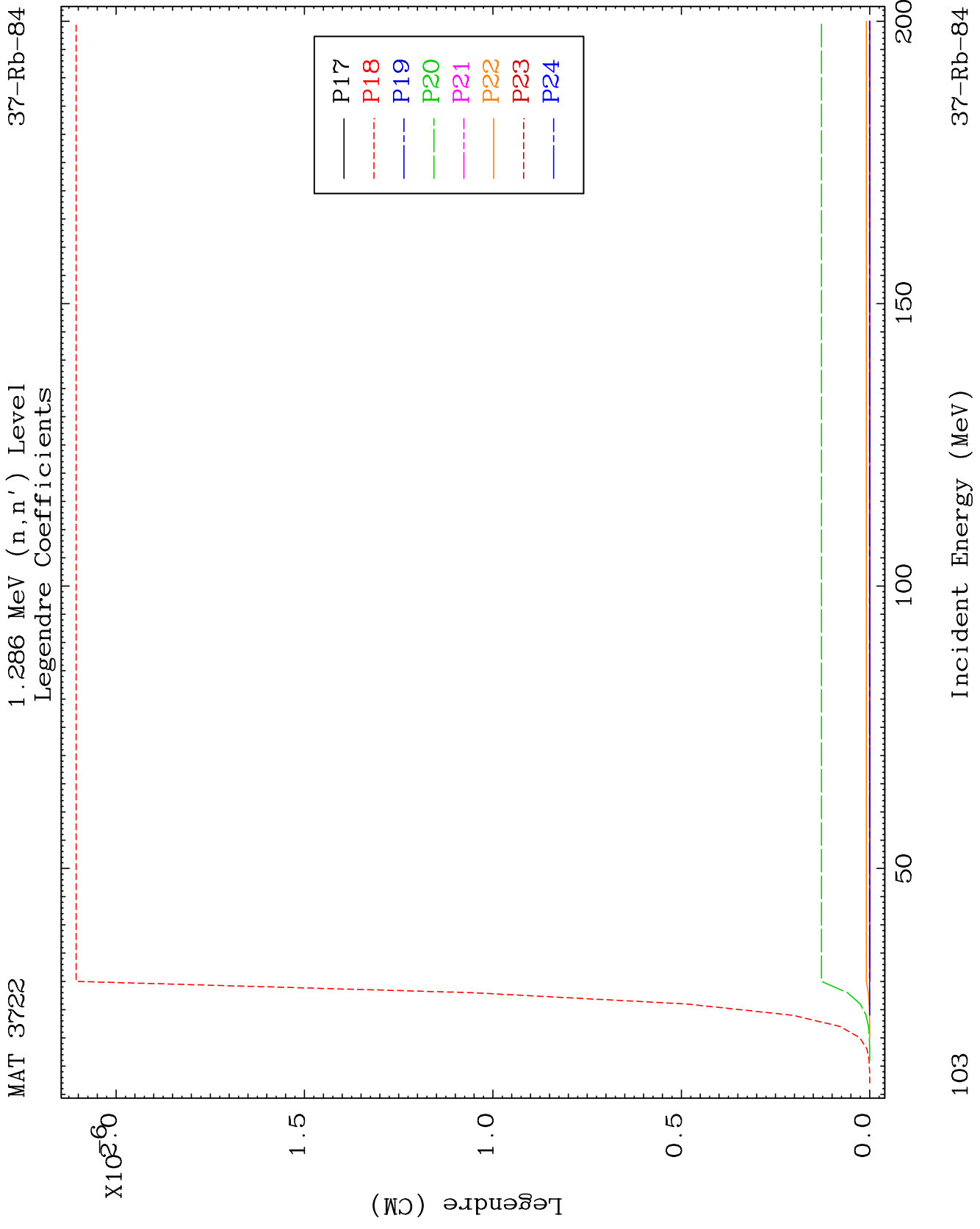


100

Incident Energy (MeV)

37-Rb-84

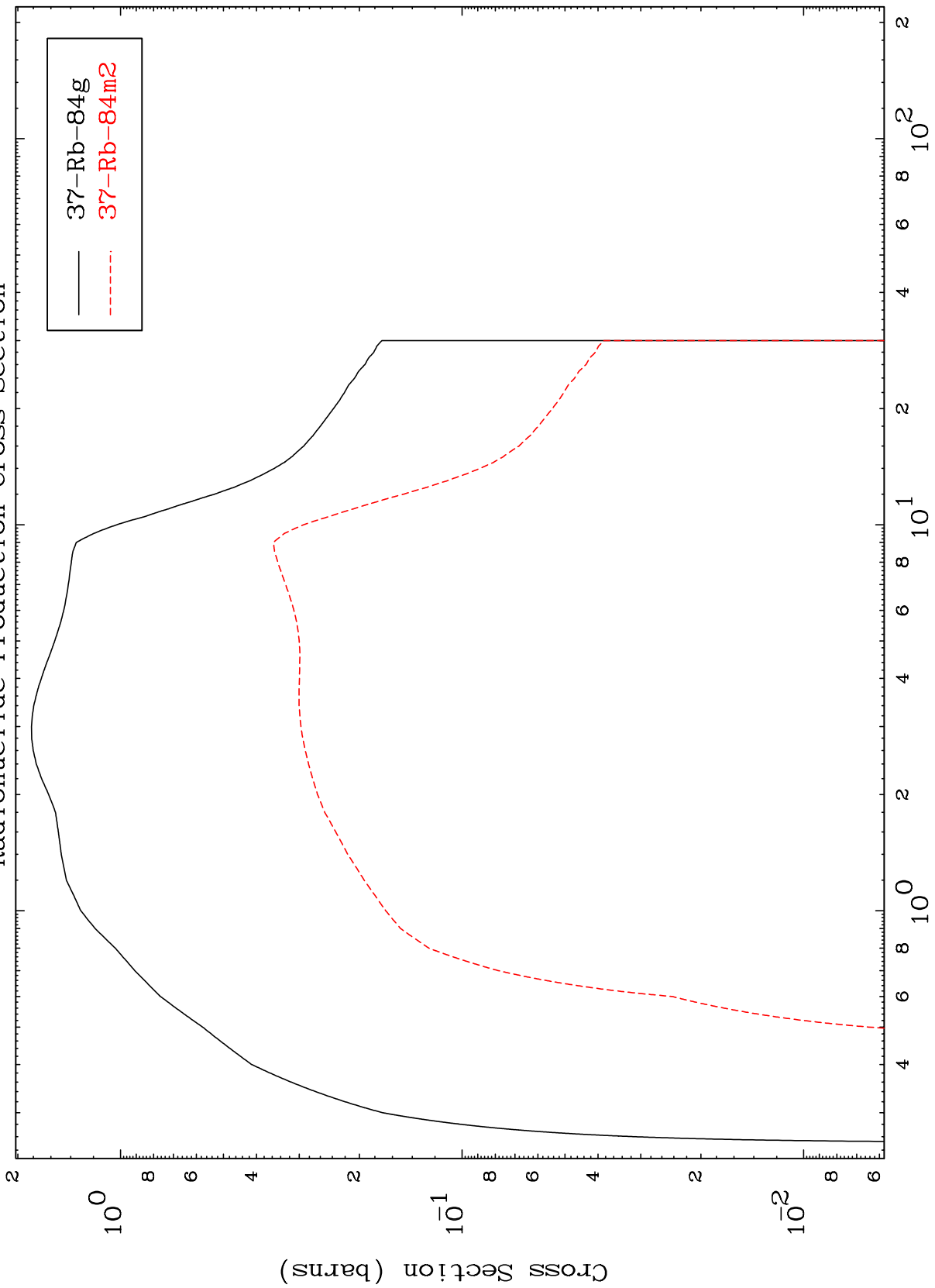




MAT 3722

37-Rb-84

Inelastic
Radionuclide Production Cross Section



104

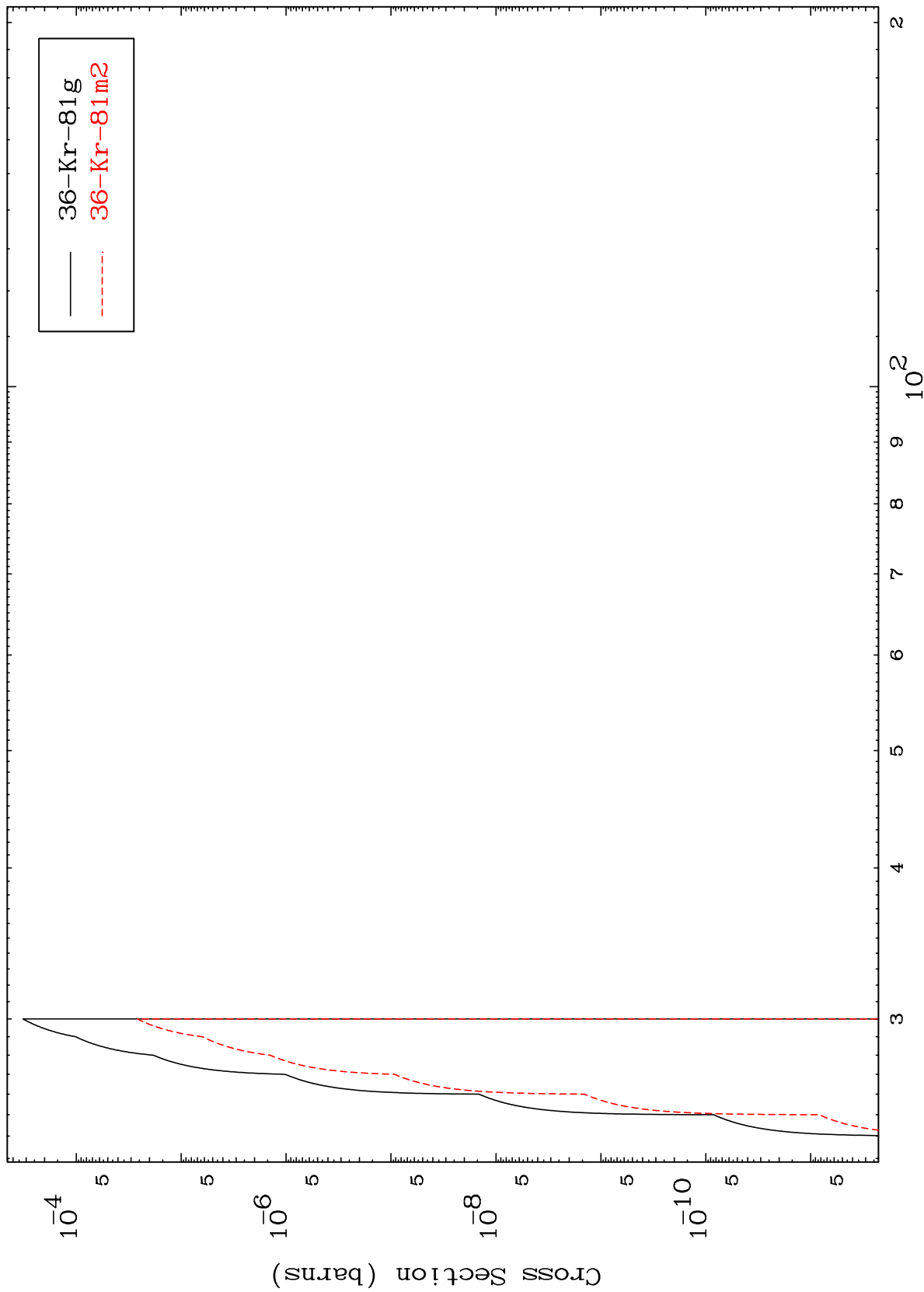
37-Rb-84

MAT 3722

(n,2n) d

37-Rb-84

Radionuclide Production Cross Section

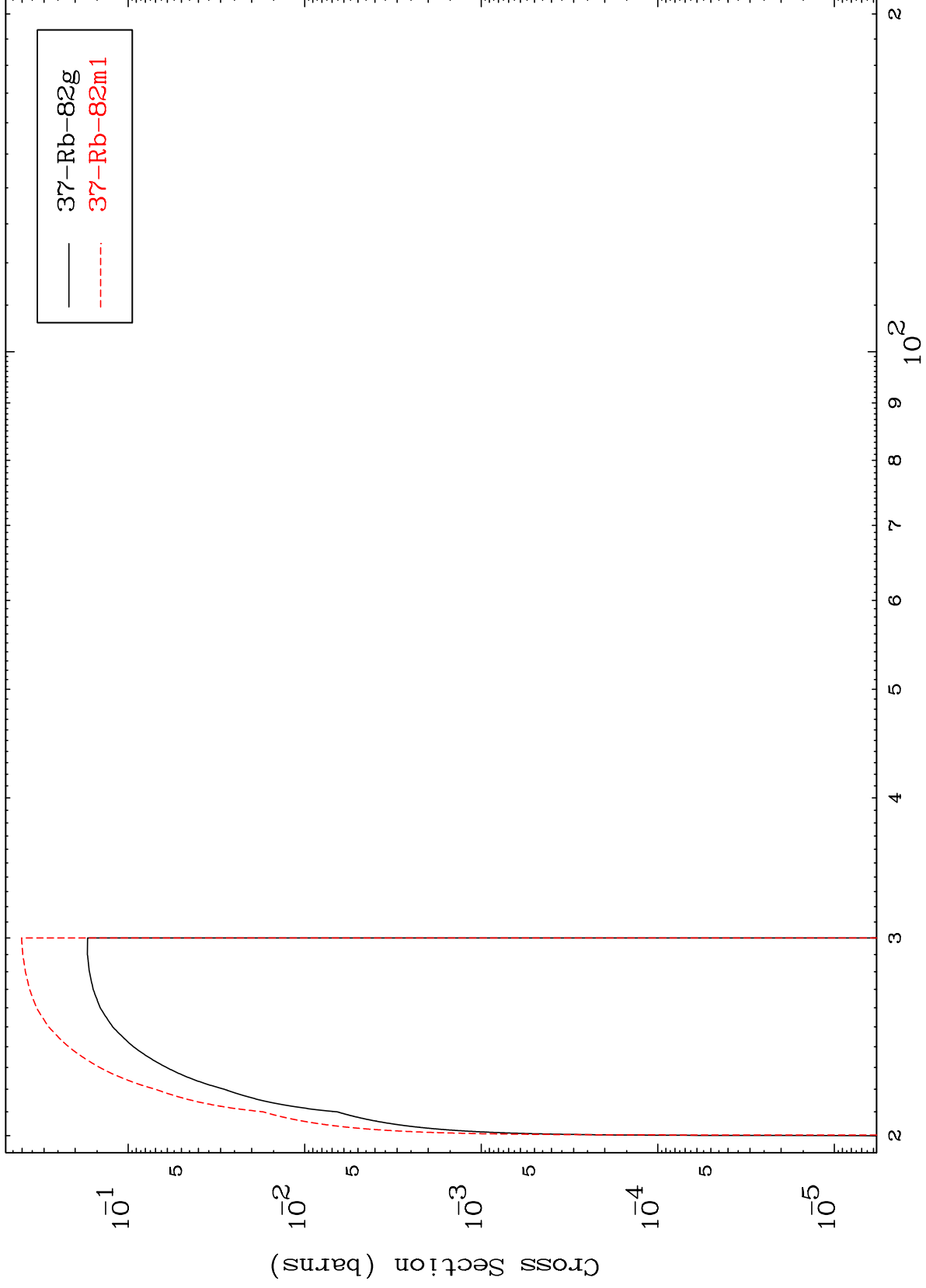


105

Incident Energy (MeV)

37-Rb-84

(n,3n)
Radionuclide Production Cross Section

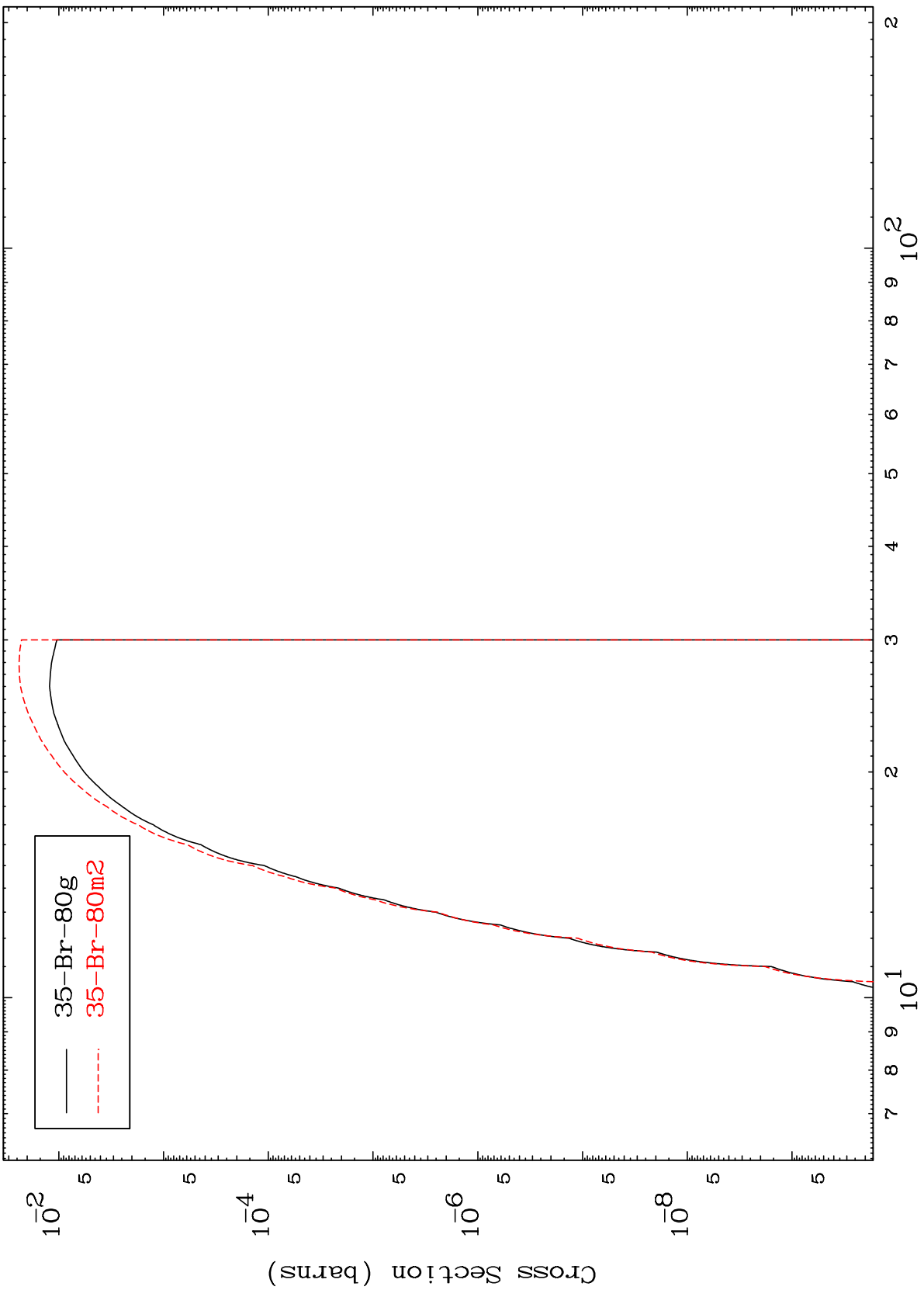


MAT 3722

37-Rb-84

(n,n') α

Radionuclide Production Cross Section



107

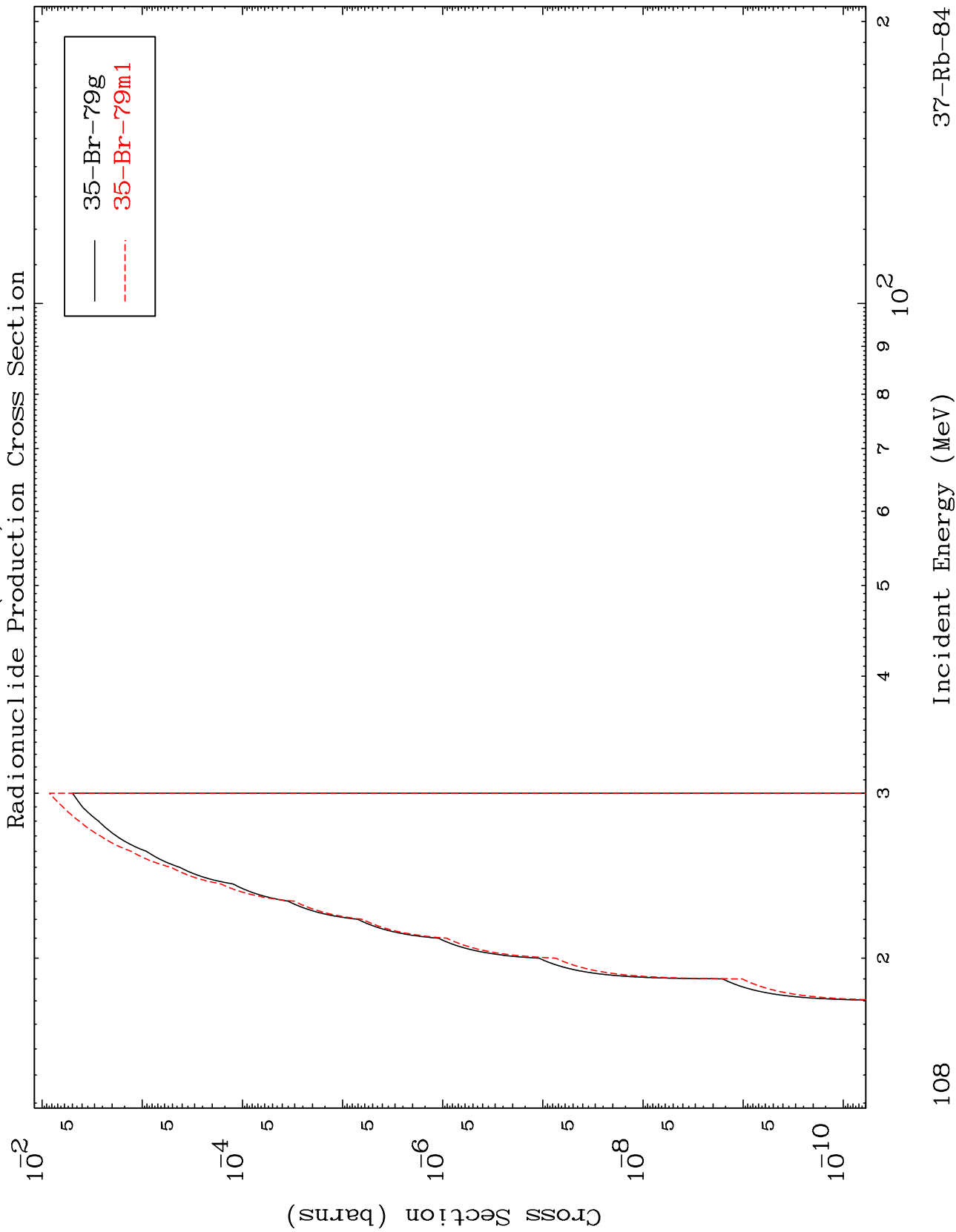
Incident Energy (MeV)

37-Rb-84

MAT 3722

$(n,2n) \alpha$

37-Rb-84



108

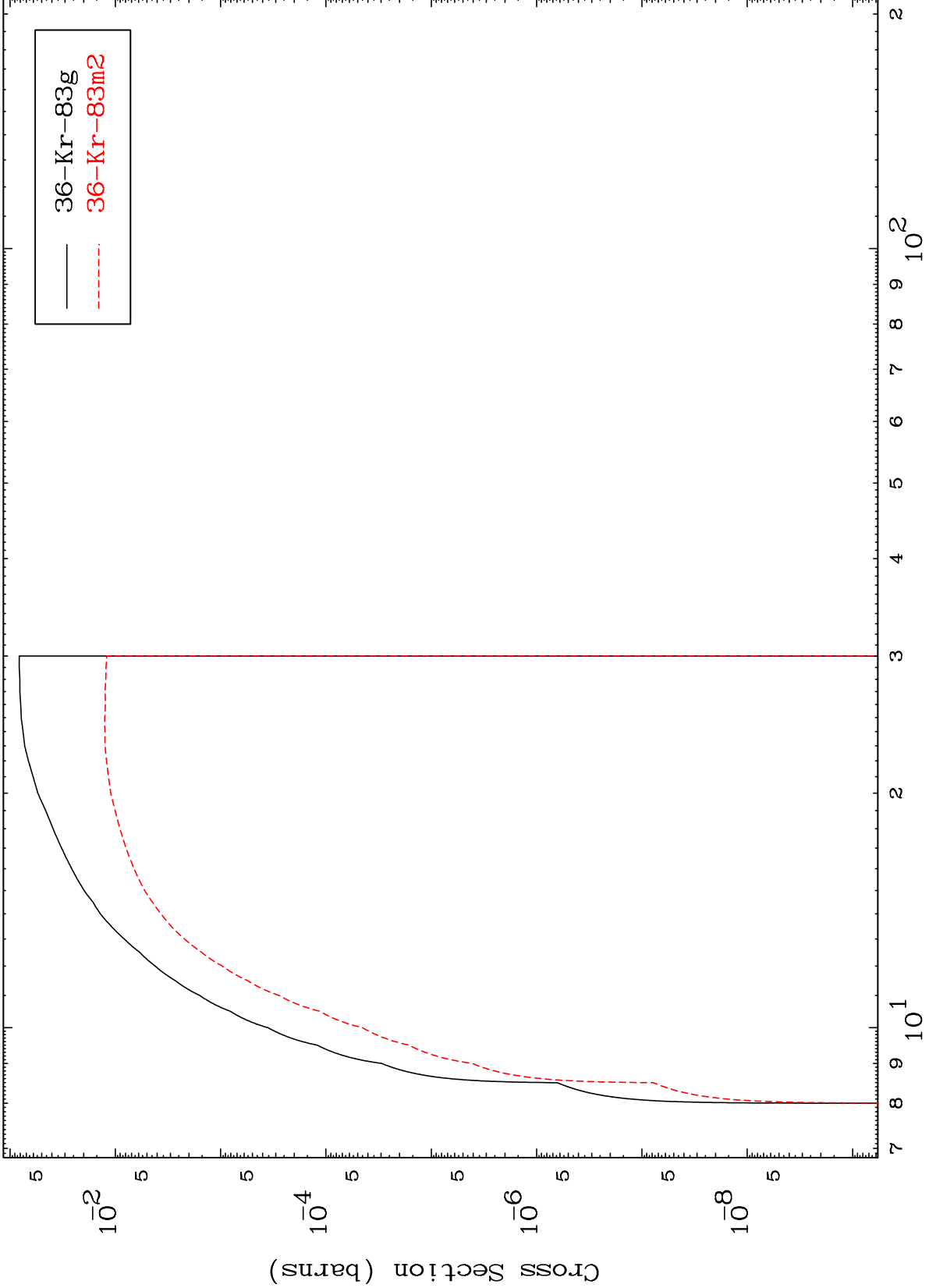
37-Rb-84

MAT 3722

(n,n') p

37-Rb-84

Radionuclide Production Cross Section



109

Incident Energy (MeV)

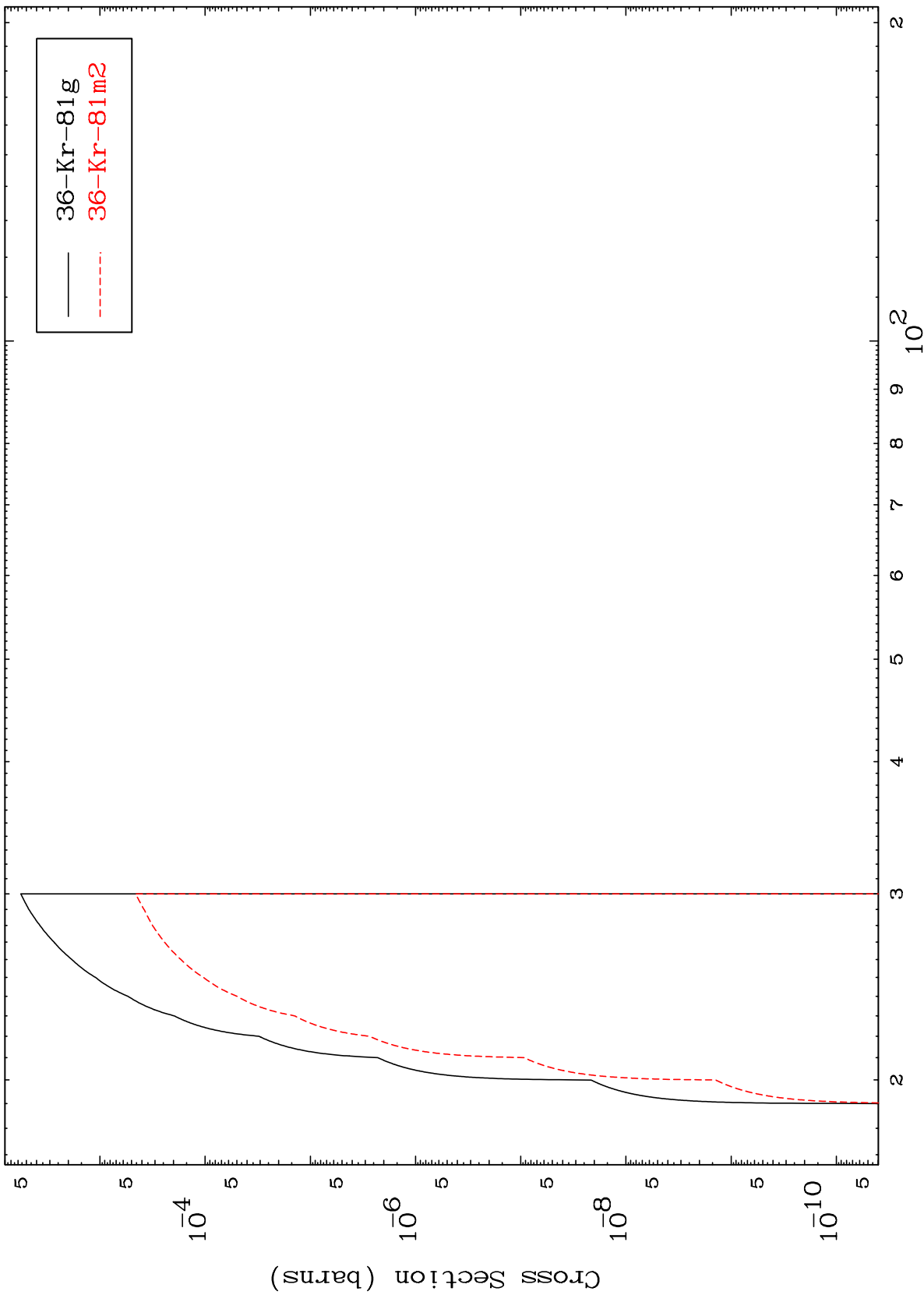
37-Rb-84

MAT 3722

(n,n') t

37-Rb-84

Radionuclide Production Cross Section



110

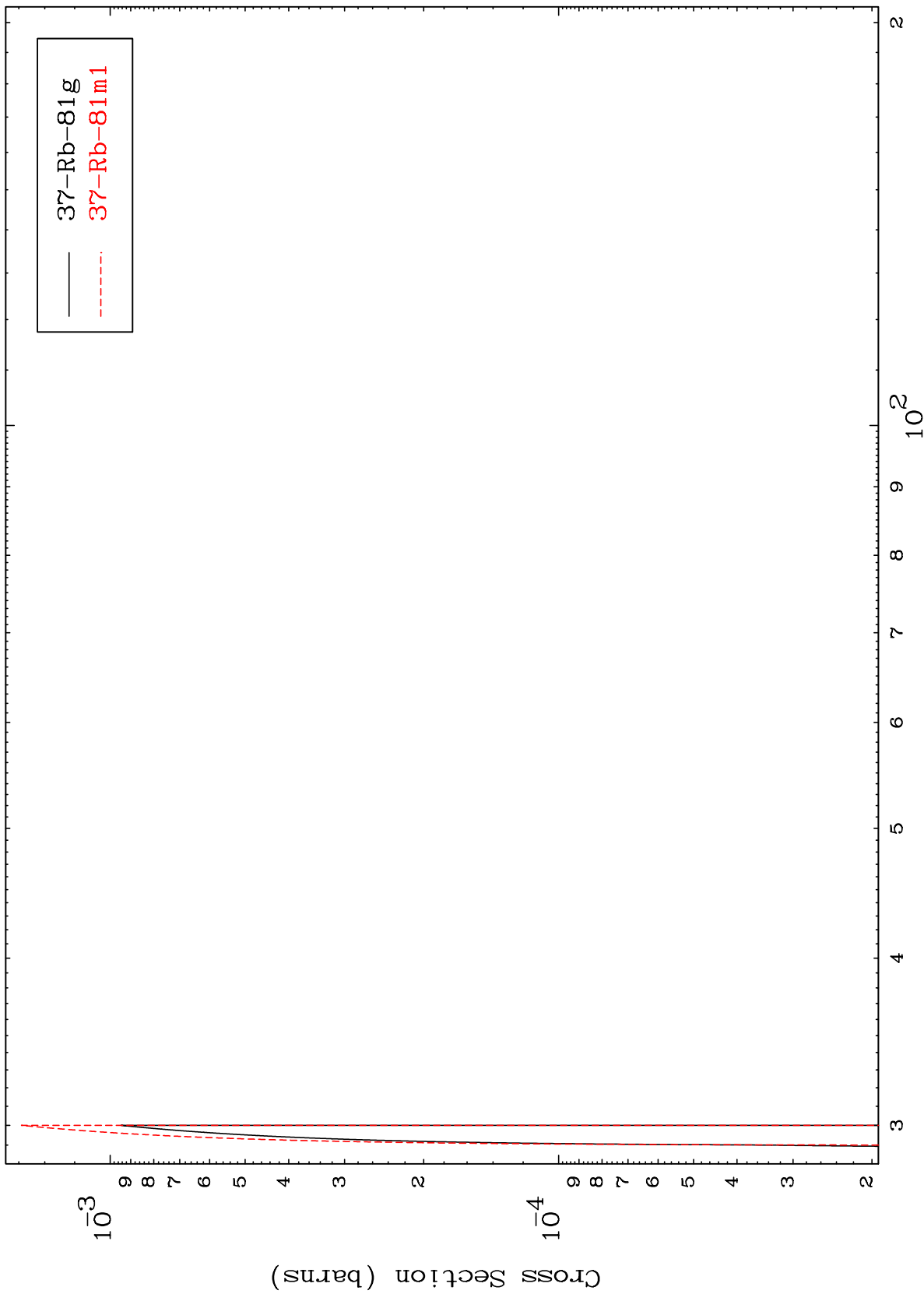
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,4n)
Radionuclide Production Cross Section

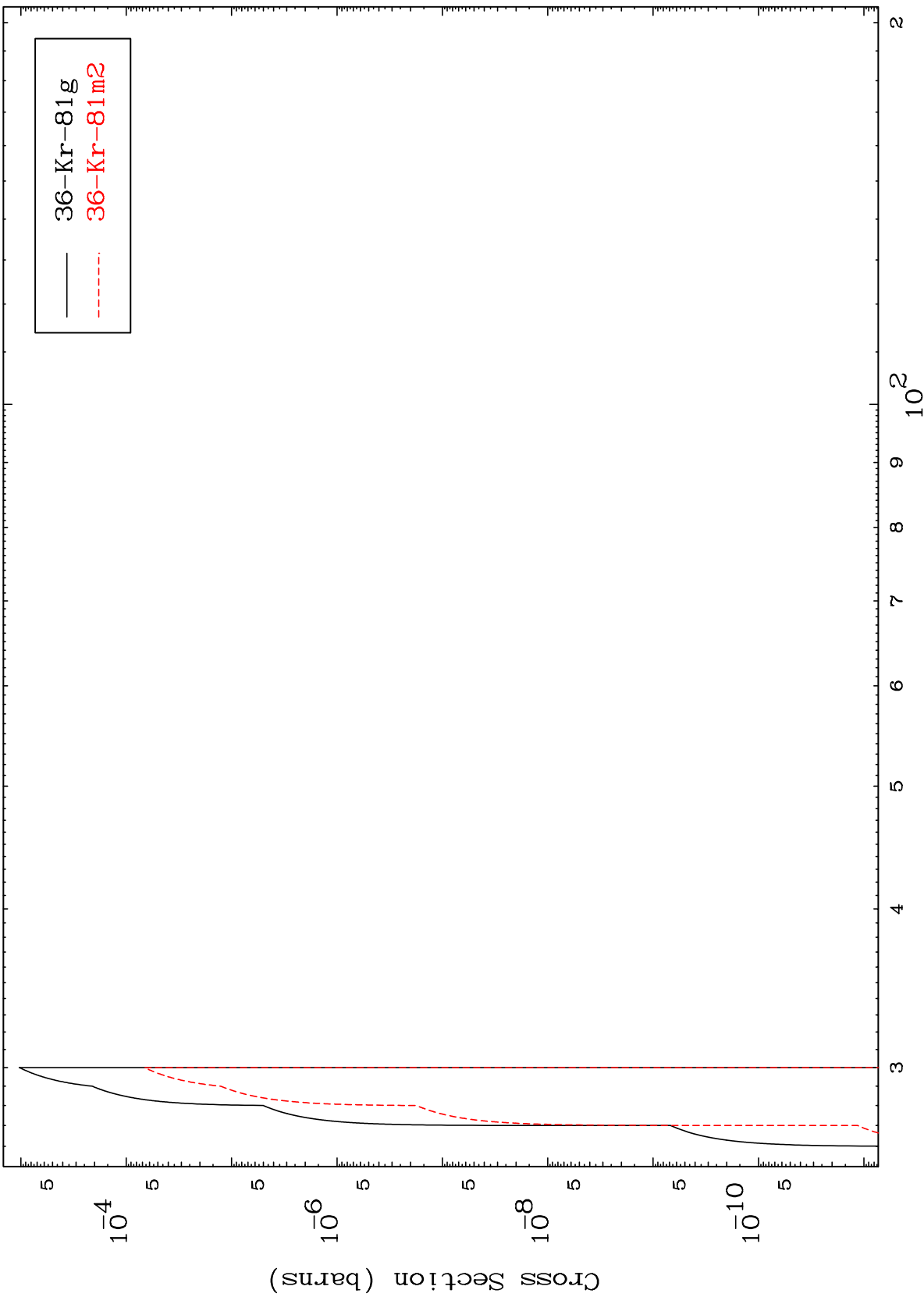


111

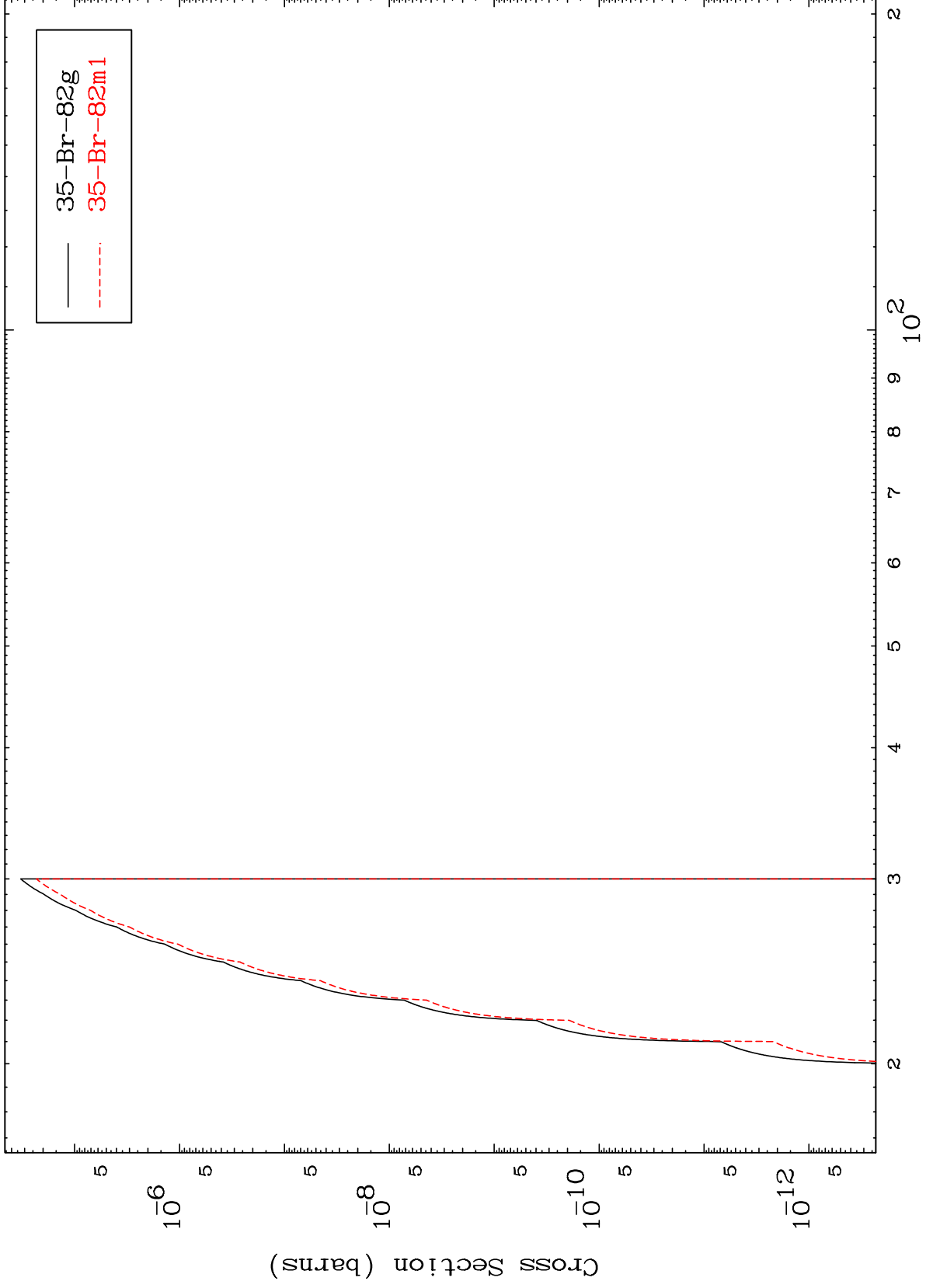
37-Rb-84

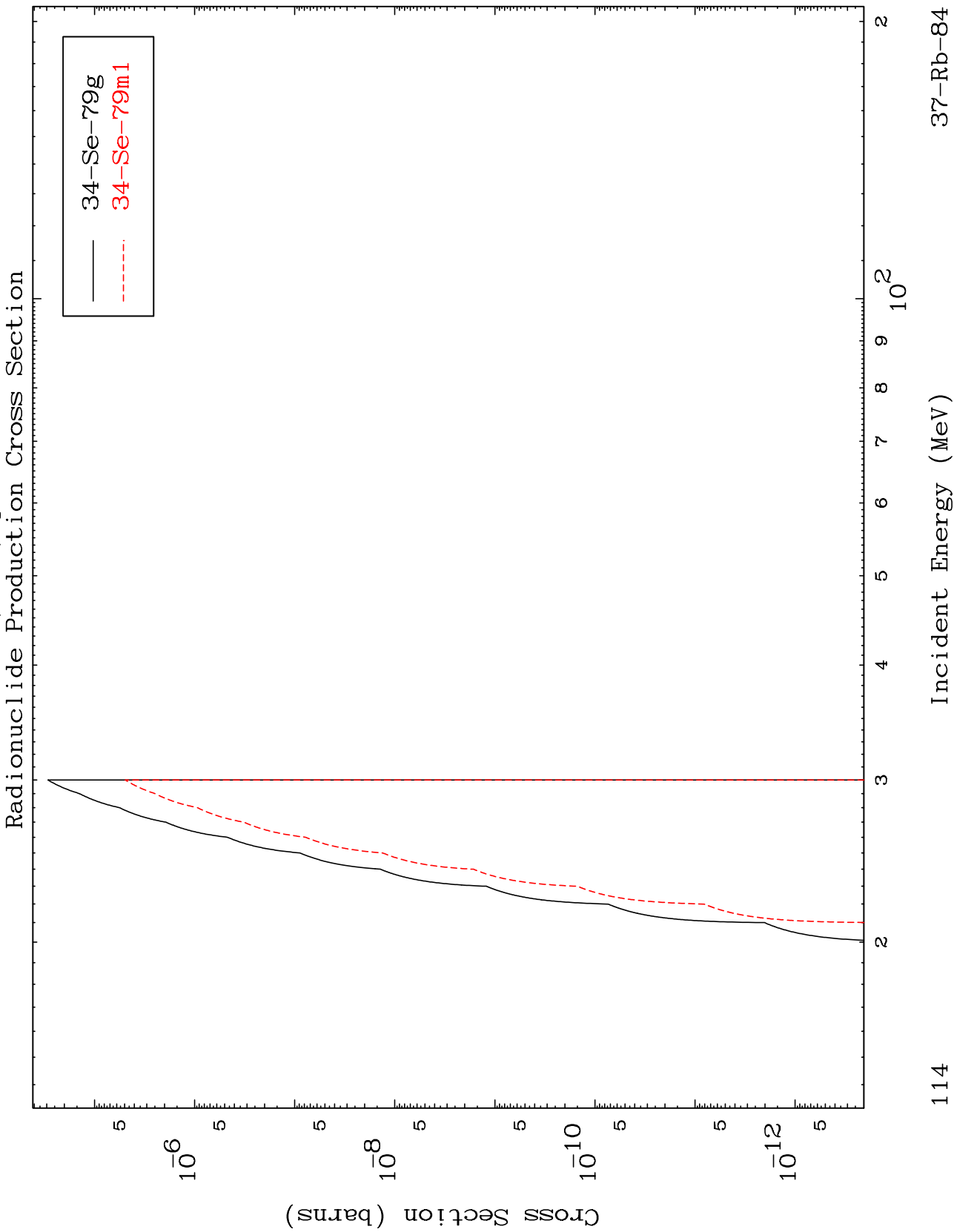
Incident Energy (MeV)

Radionuclide Production Cross Section



Radionuclide Production Cross Section

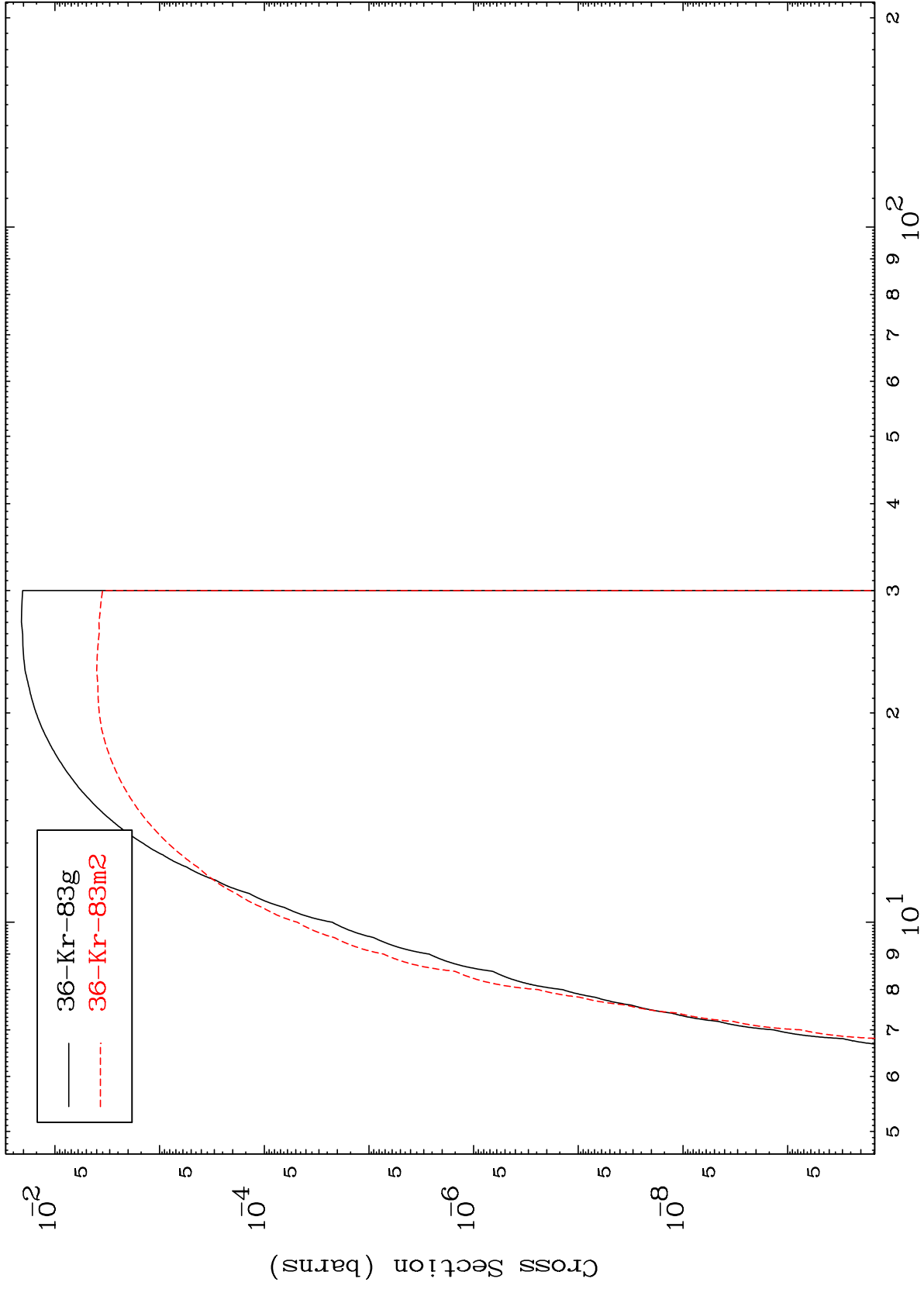




MAT 3722

37-Rb-84

(n,d)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

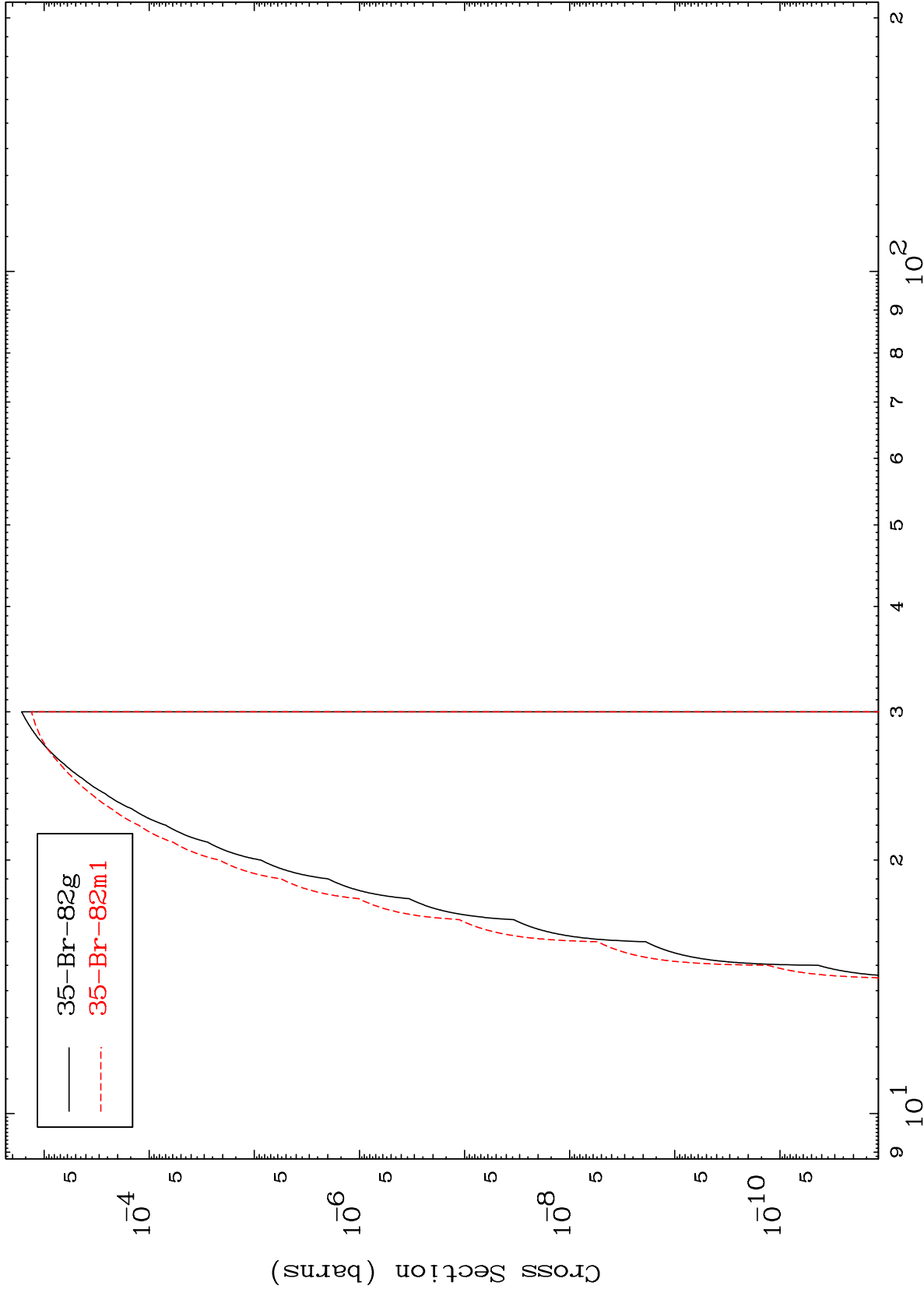
37-Rb-84

MAT 3722

(n,He-3)

37-Rb-84

Radionuclide Production Cross Section



116

Incident Energy (MeV)

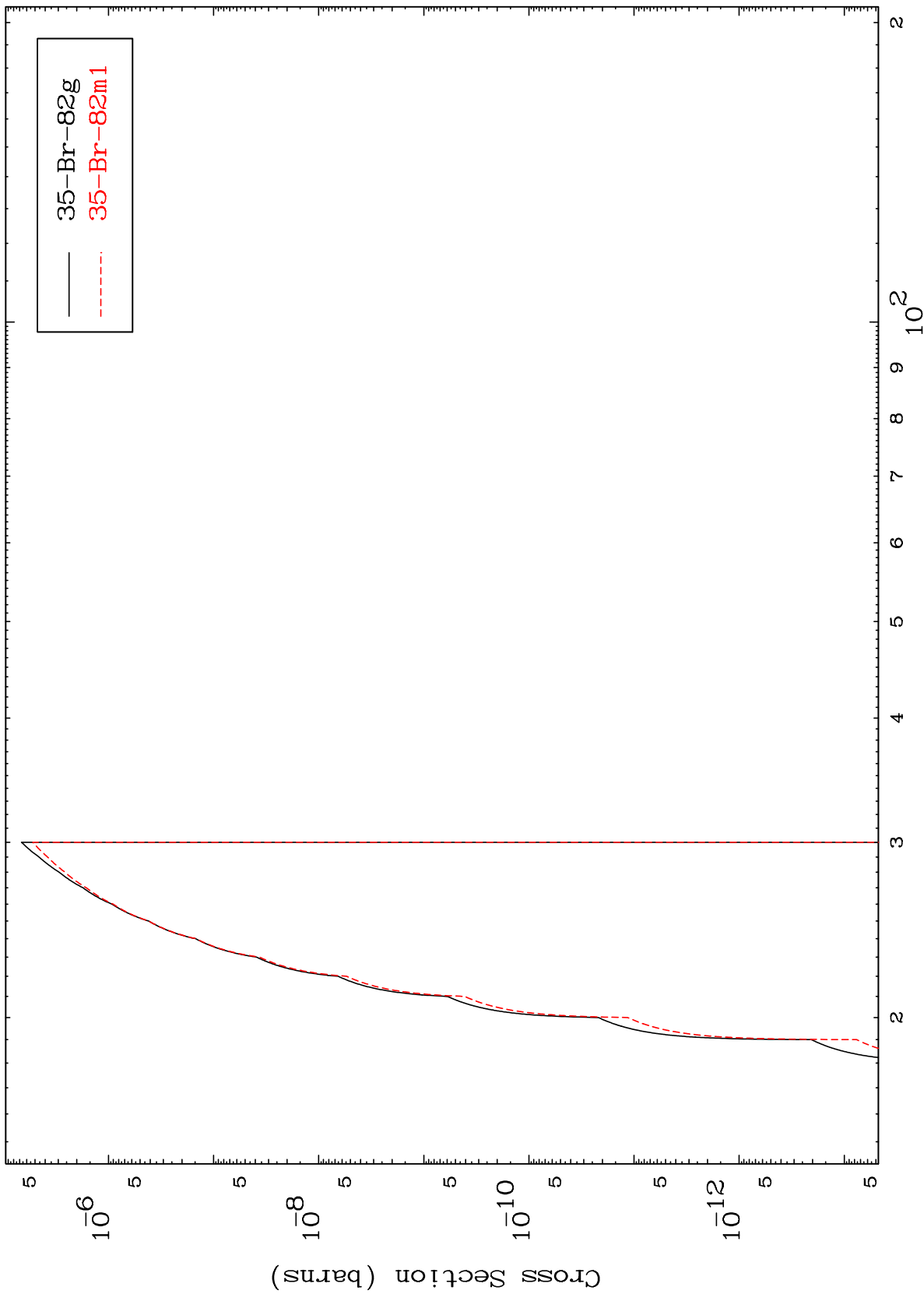
37-Rb-84

MAT 3722

(n,p) d

37-Rb-84

Radionuclide Production Cross Section



117

Incident Energy (MeV)

37-Rb-84

Radionuclide Production Cross Section

