

Program EVALPLOT
(Version 2015-2)

by

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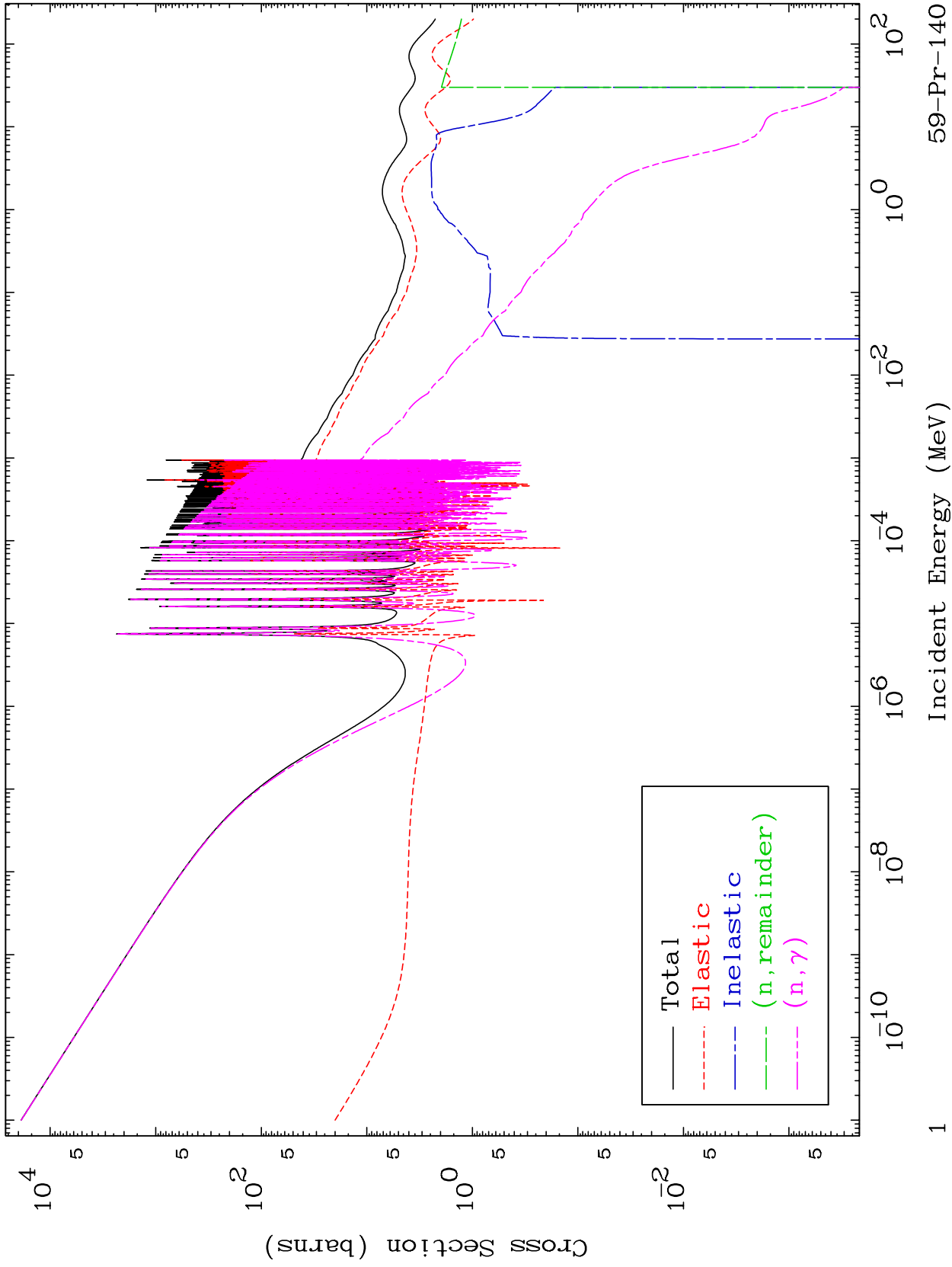
Press Mouse Button to Start

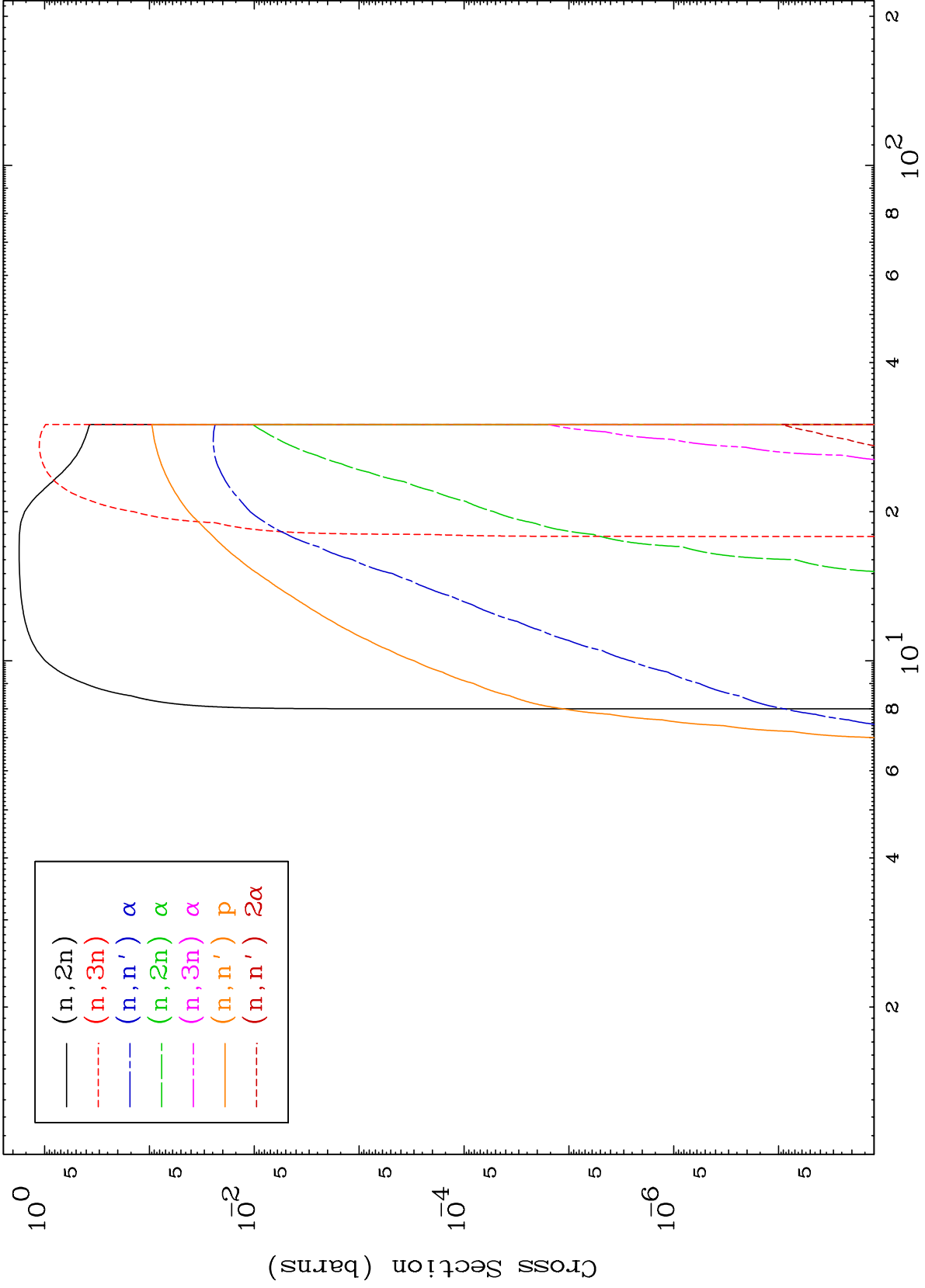
MAT 5922

Major

293 Kelvin Cross Sections

59-Pr-140

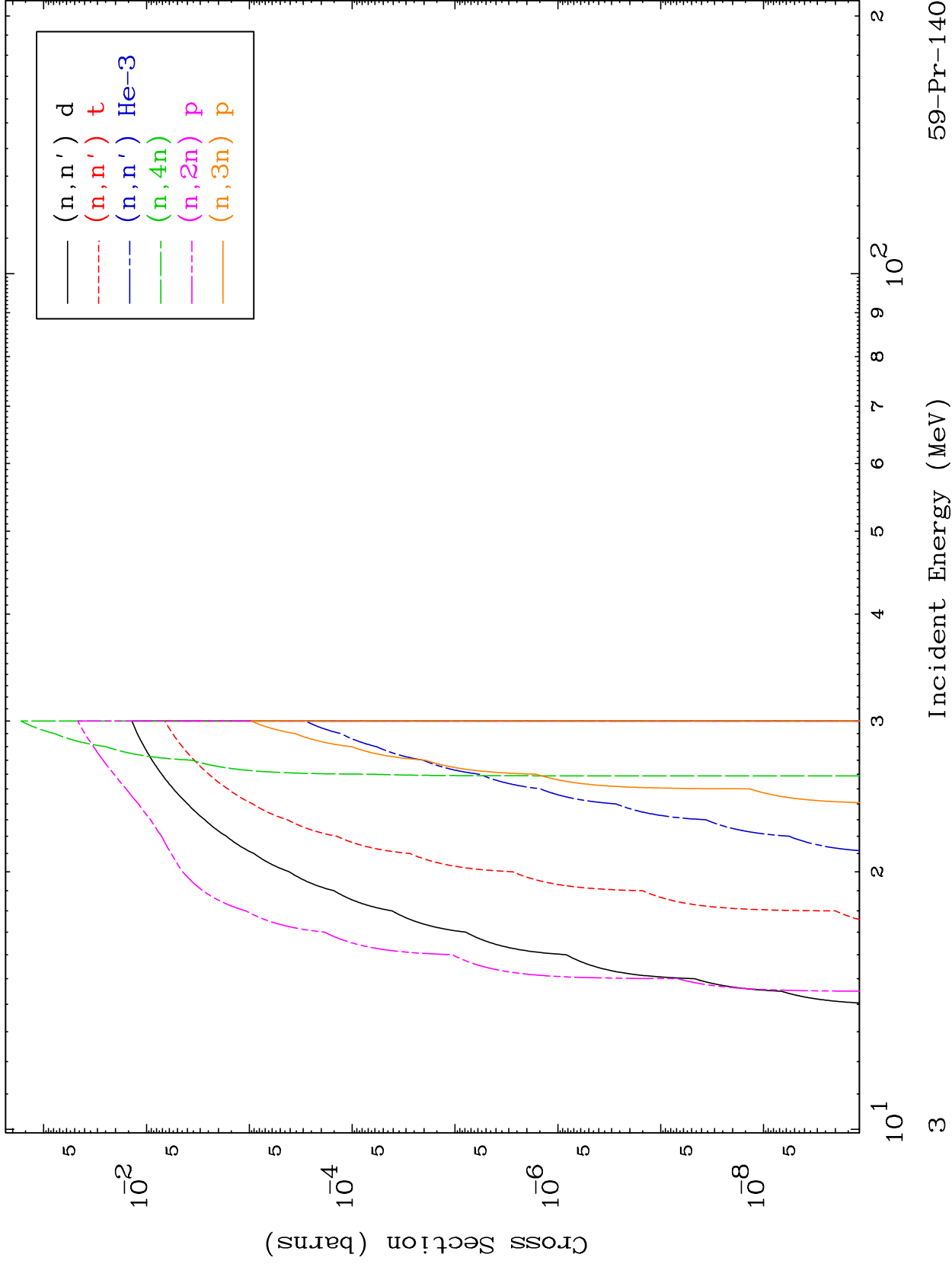




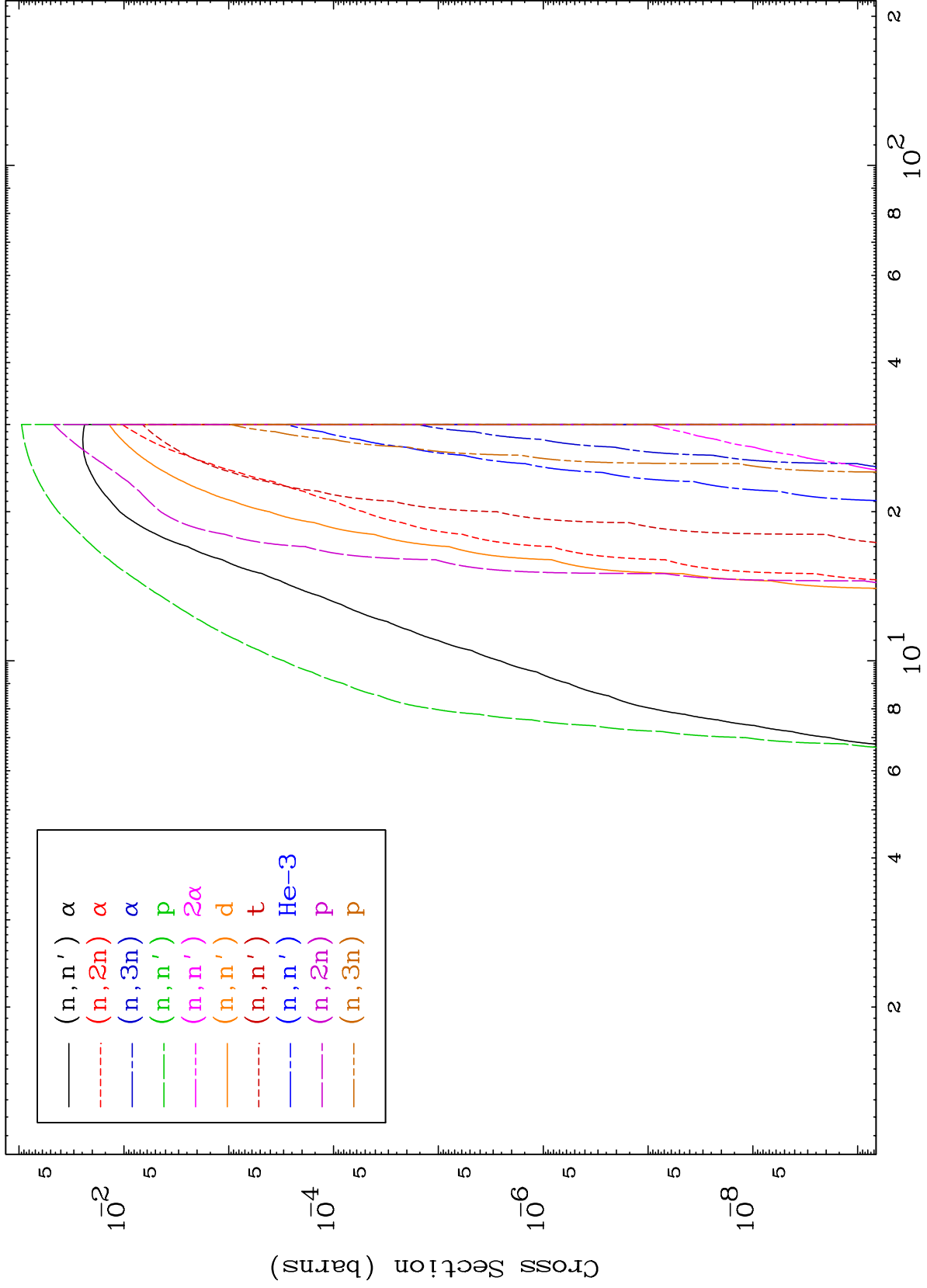
MAT 5922

Neutron Production
293 Kelvin Cross Sections

59-Pr-140



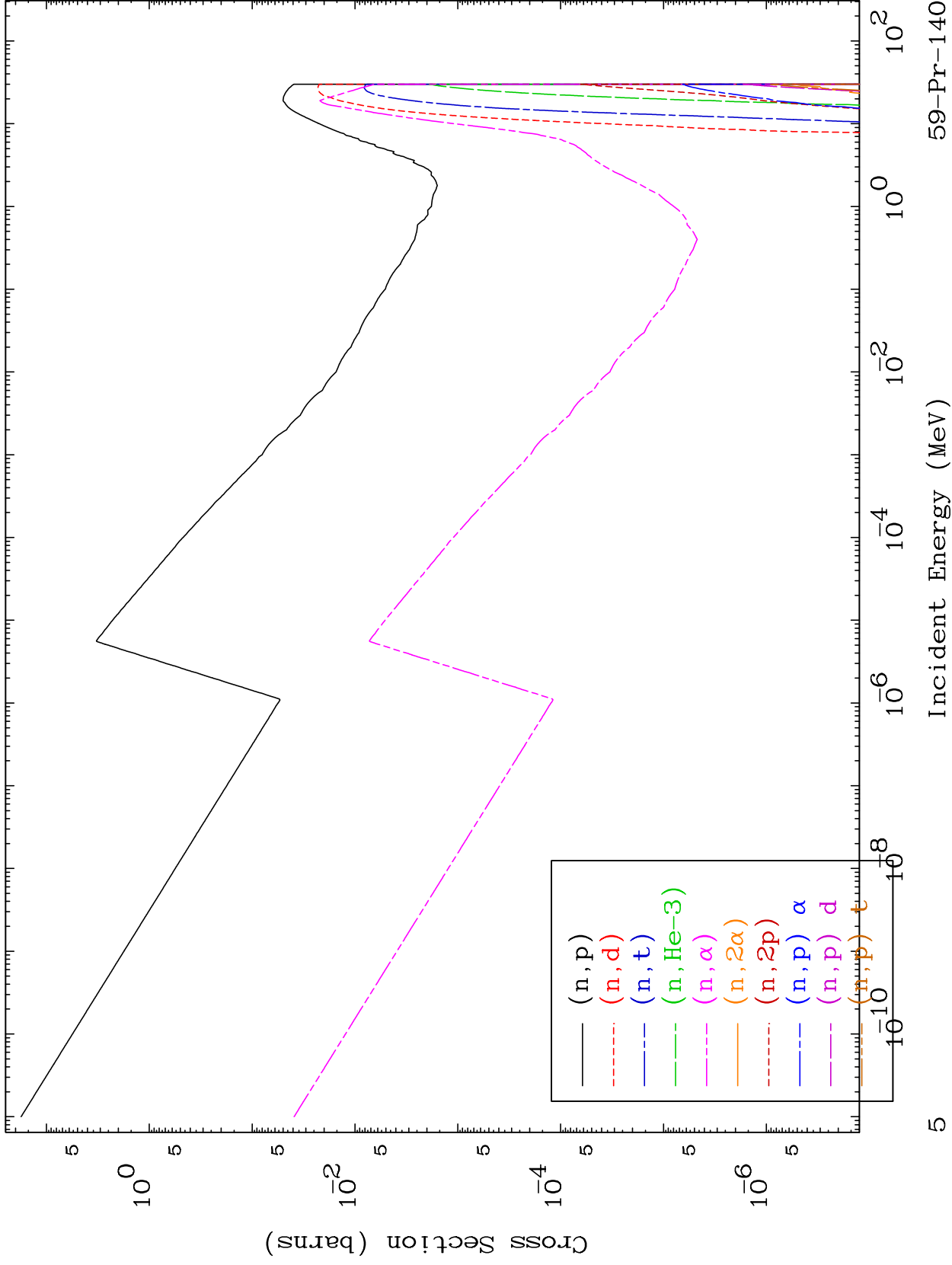
59-Pr-140

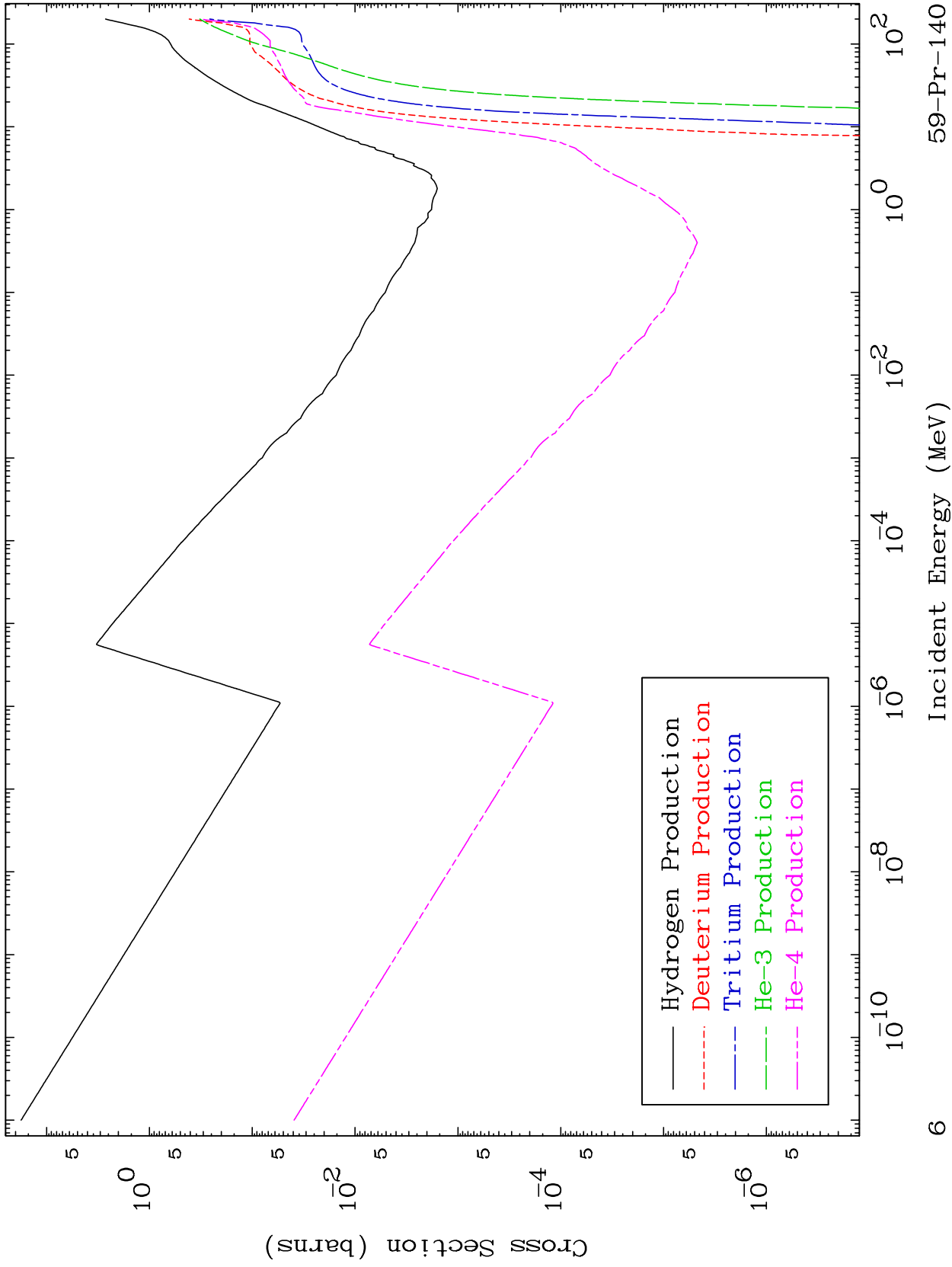


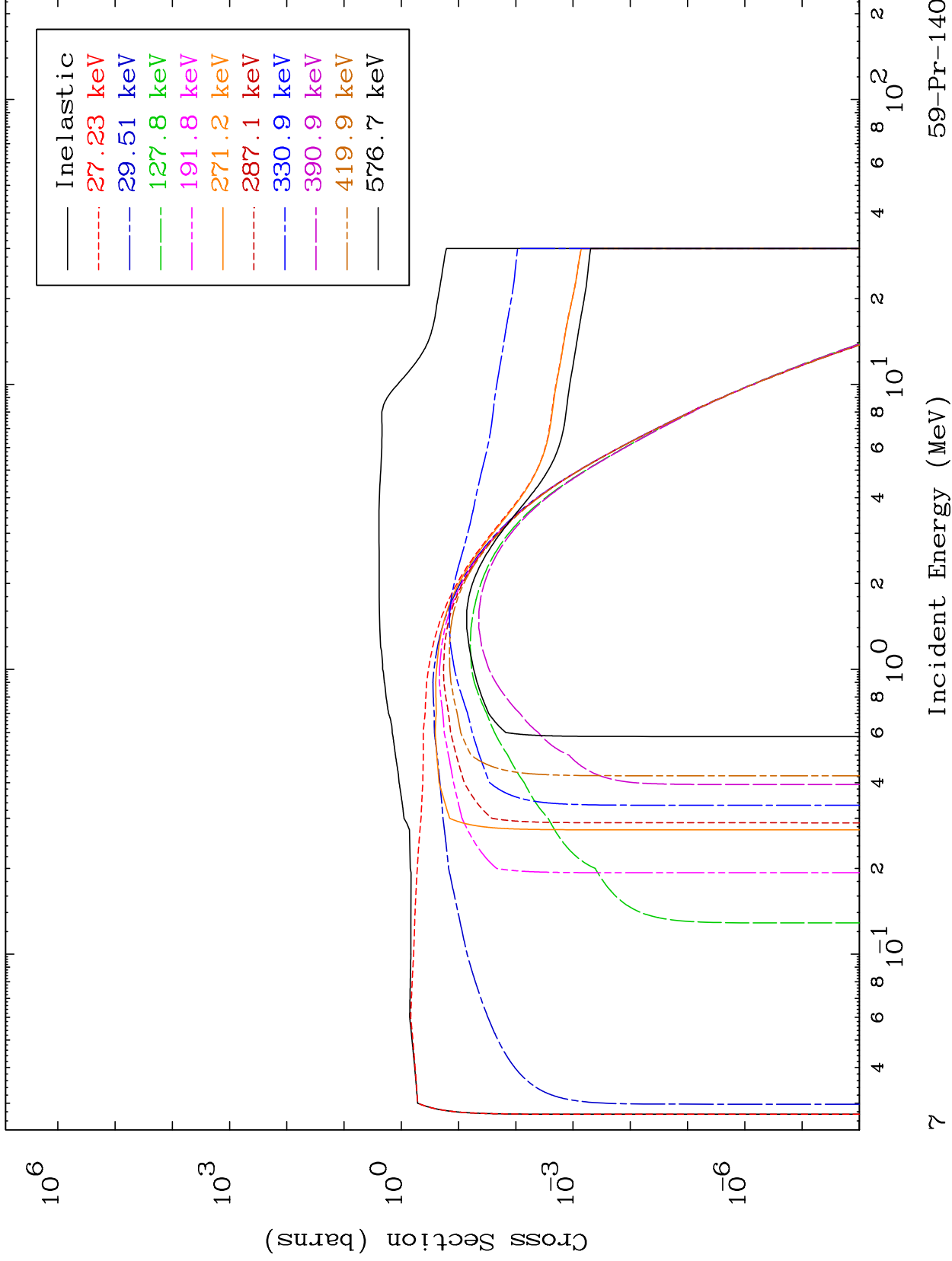
MAT 5922

Charged Particle
293 Kelvin Cross Sections

59-Pr-140



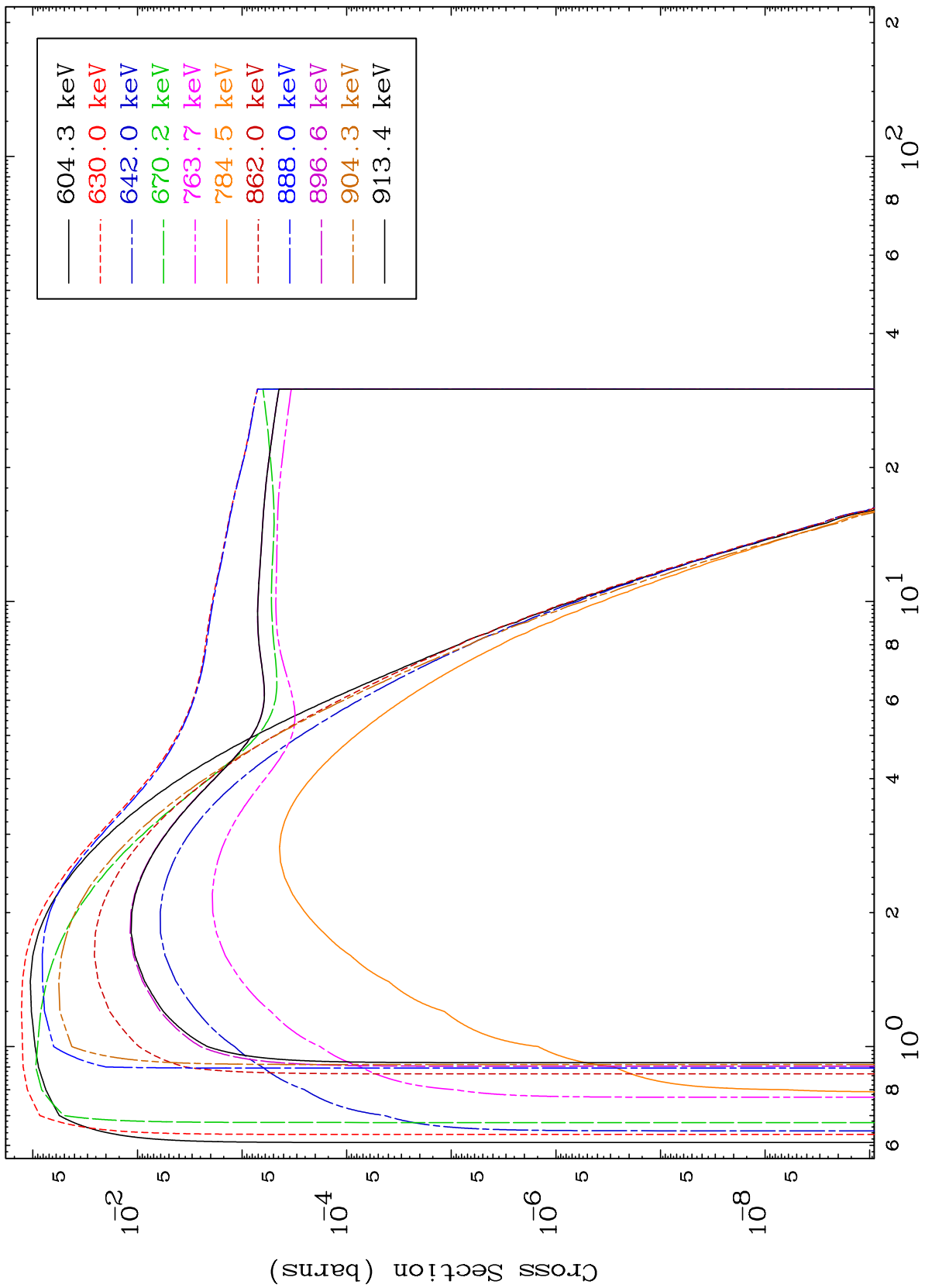




MAT 5922

(n,n') Level
293 Kelvin Cross Sections

59-Pr-140



8

Incident Energy (MeV)

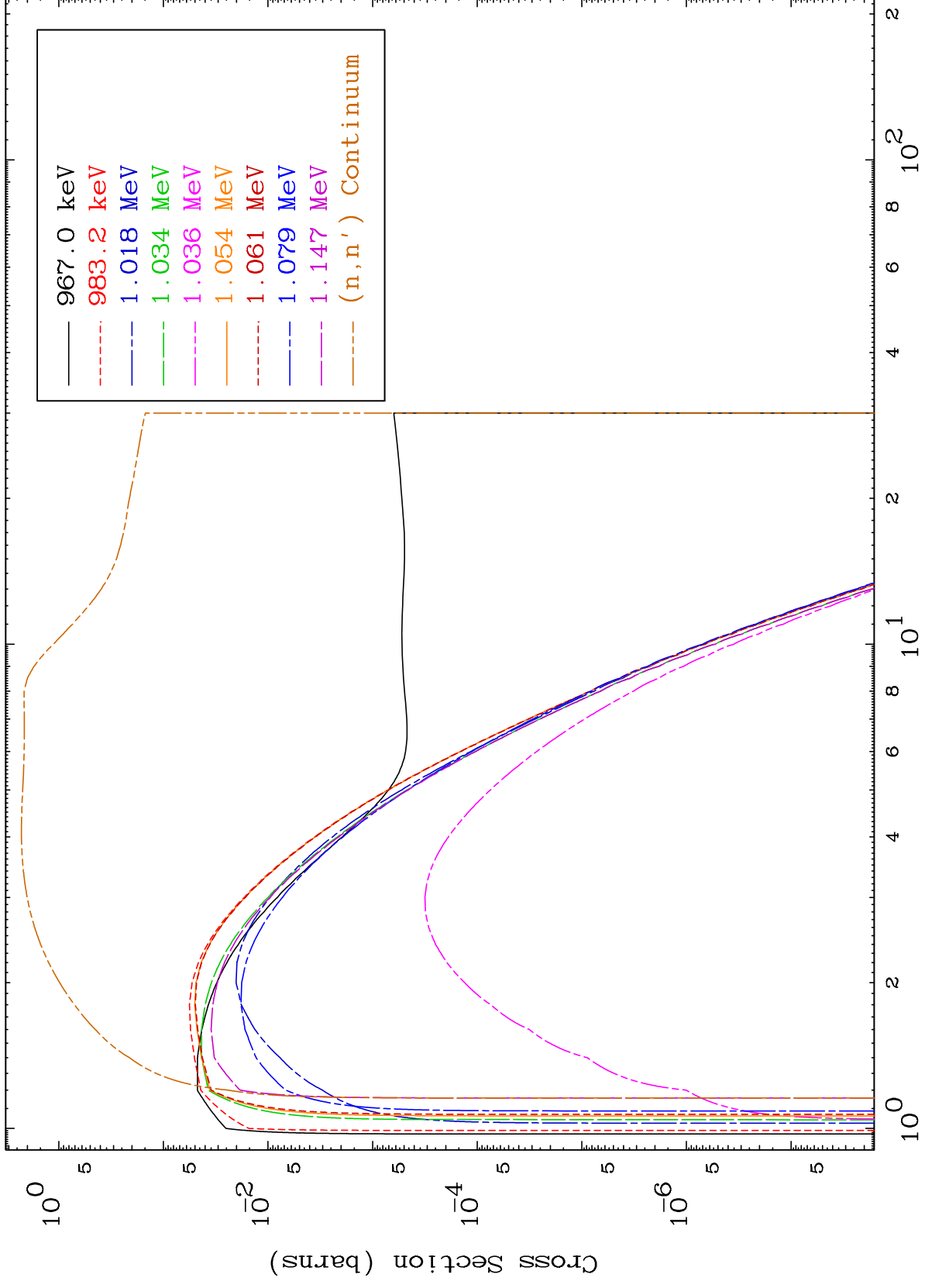
59-Pr-140

MAT 5922

(n,n') Level

59-Pr-140

293 Kelvin Cross Sections



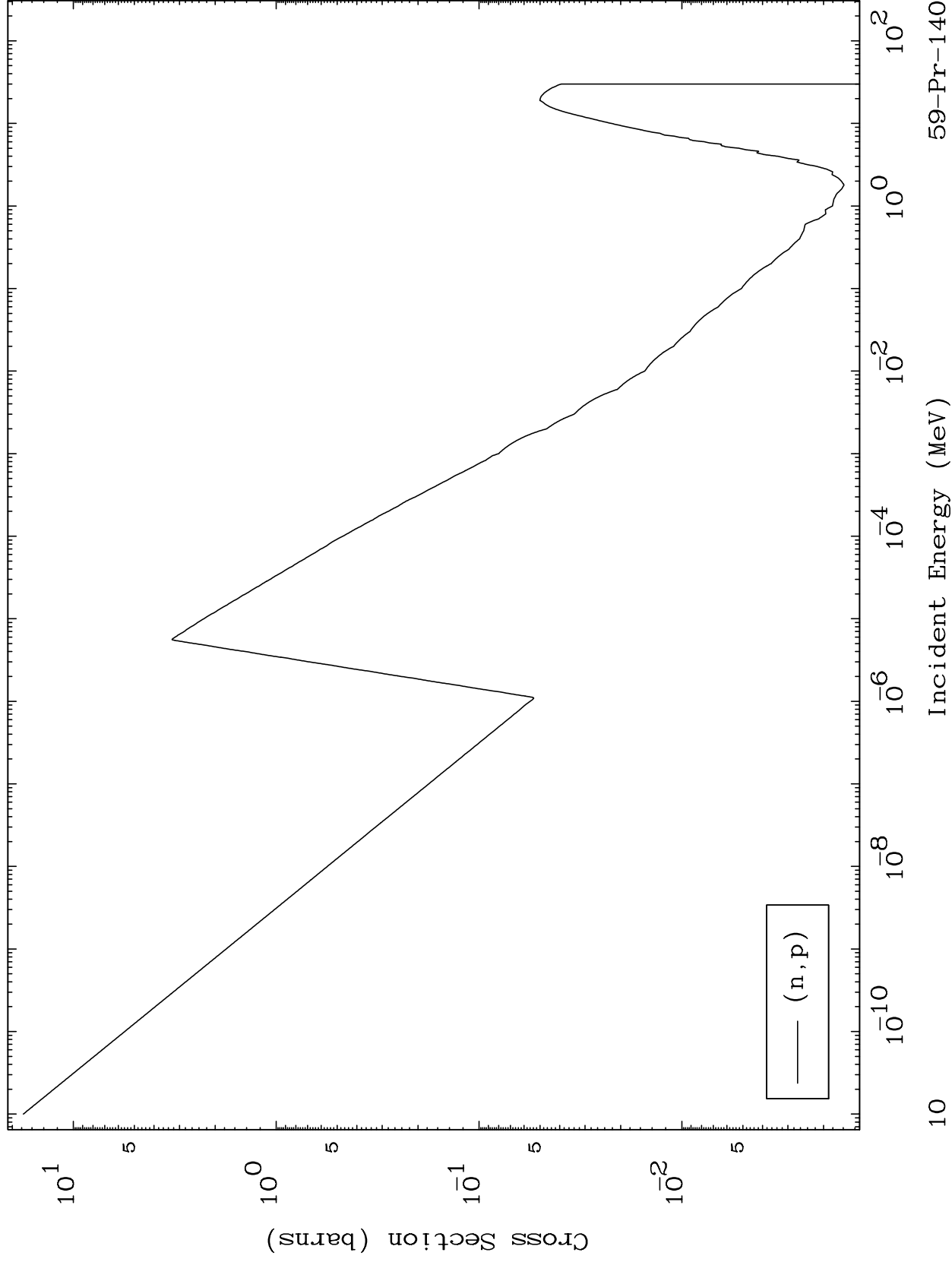
Incident Energy (MeV)

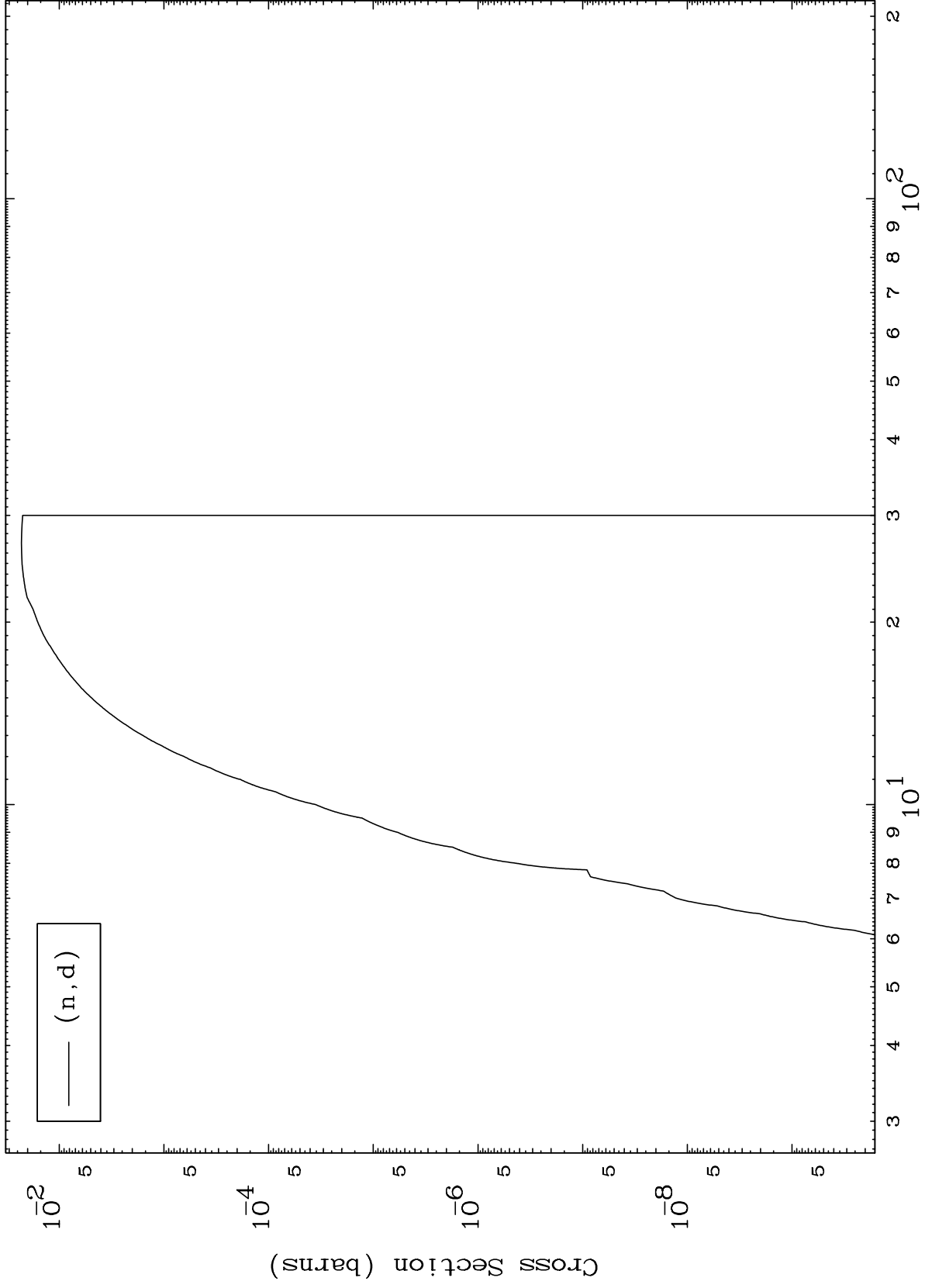
59-Pr-140

MAT 5922

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-140

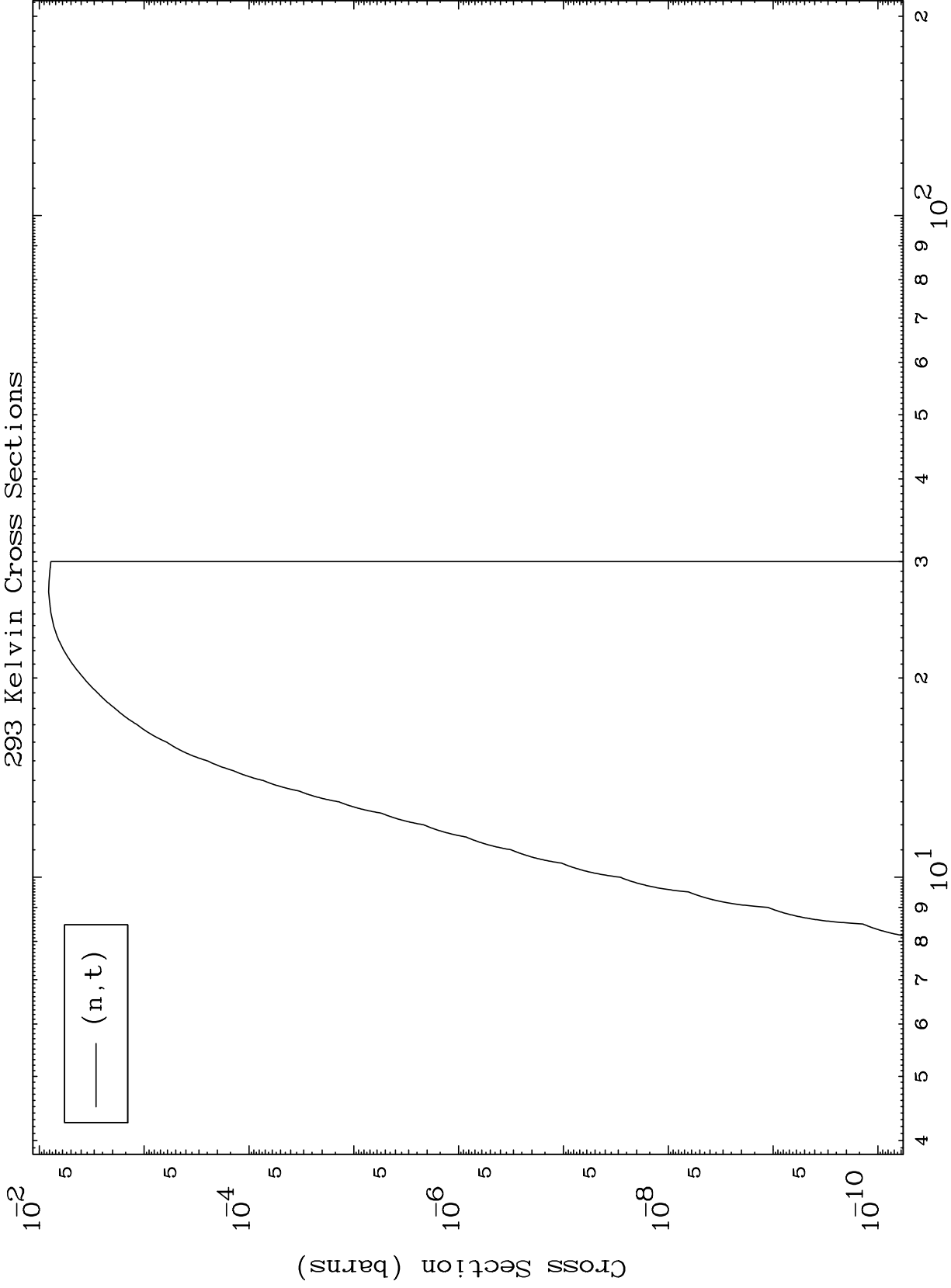




MAT 5922

(n,t) Levels
293 Kelvin Cross Sections

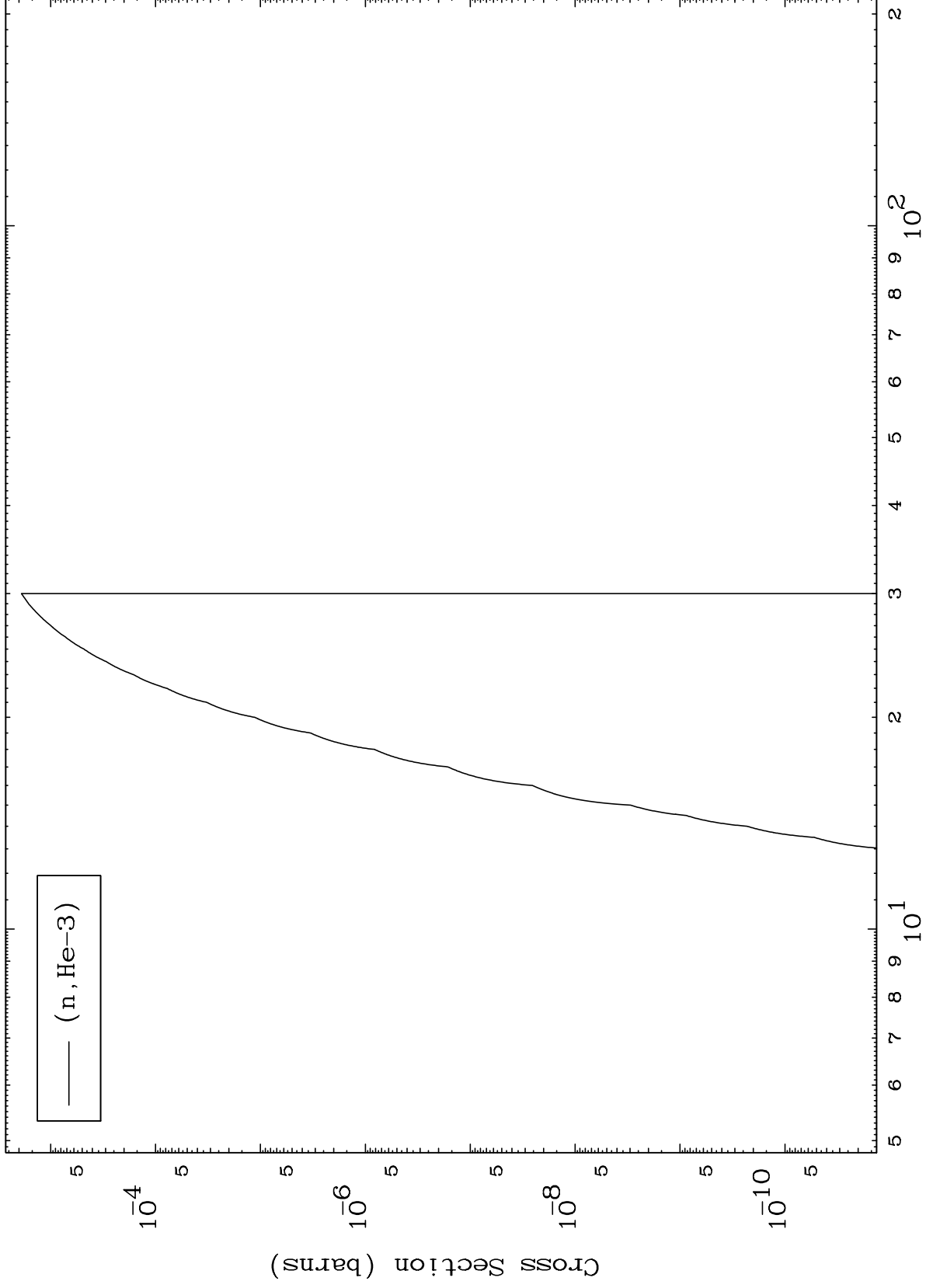
59-Pr-140



12

Incident Energy (MeV)

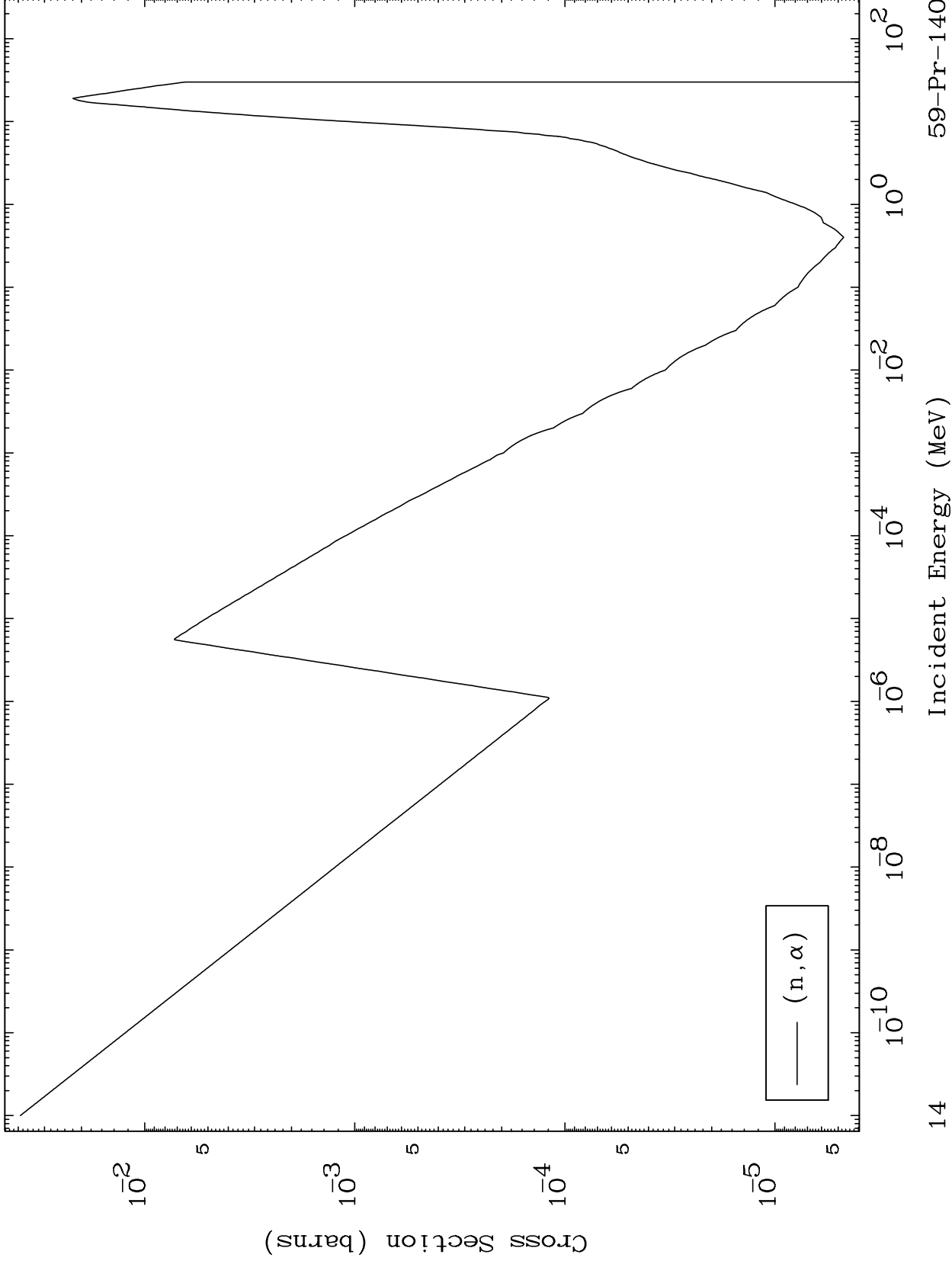
59-Pr-140

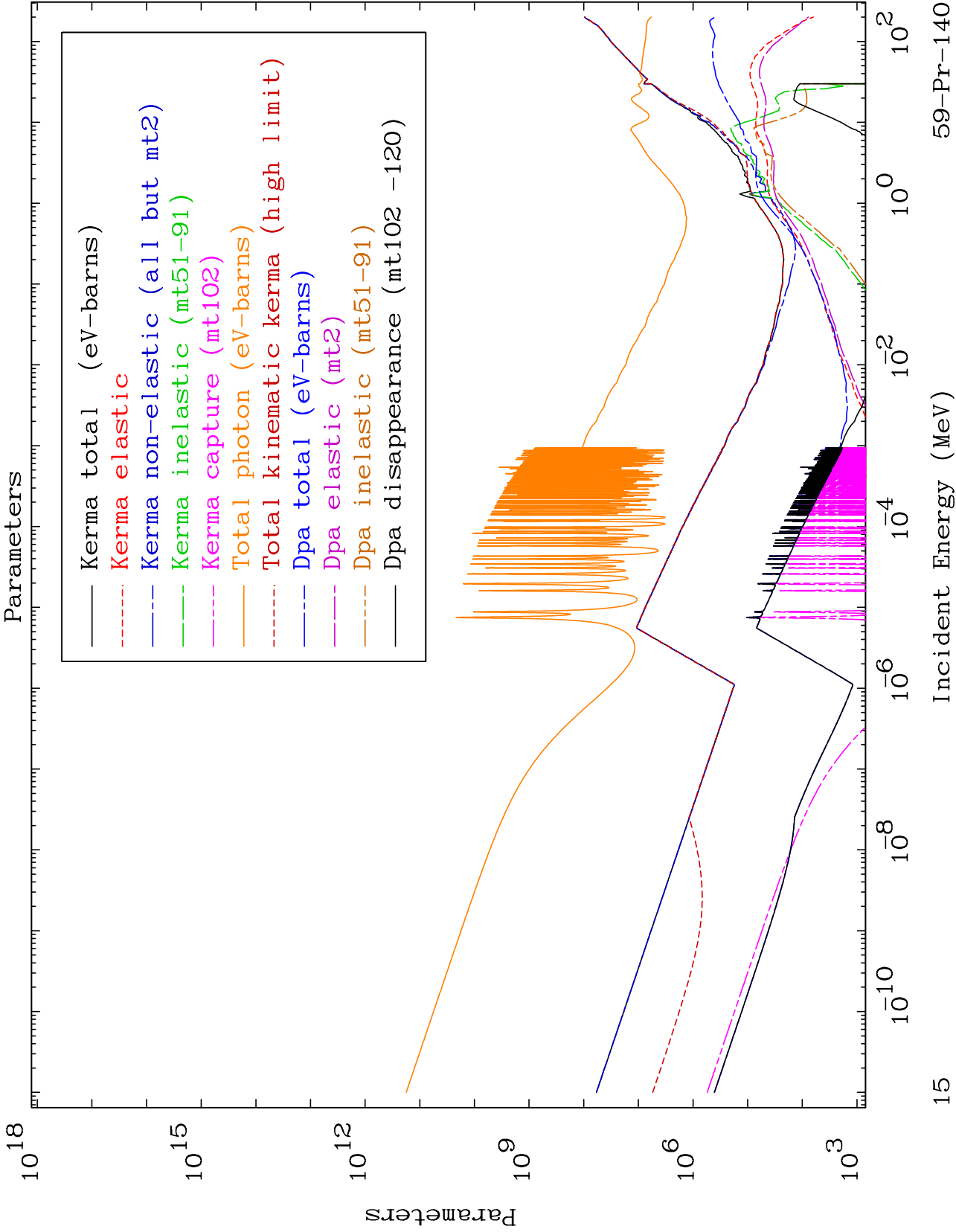


MAT 5922

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-140

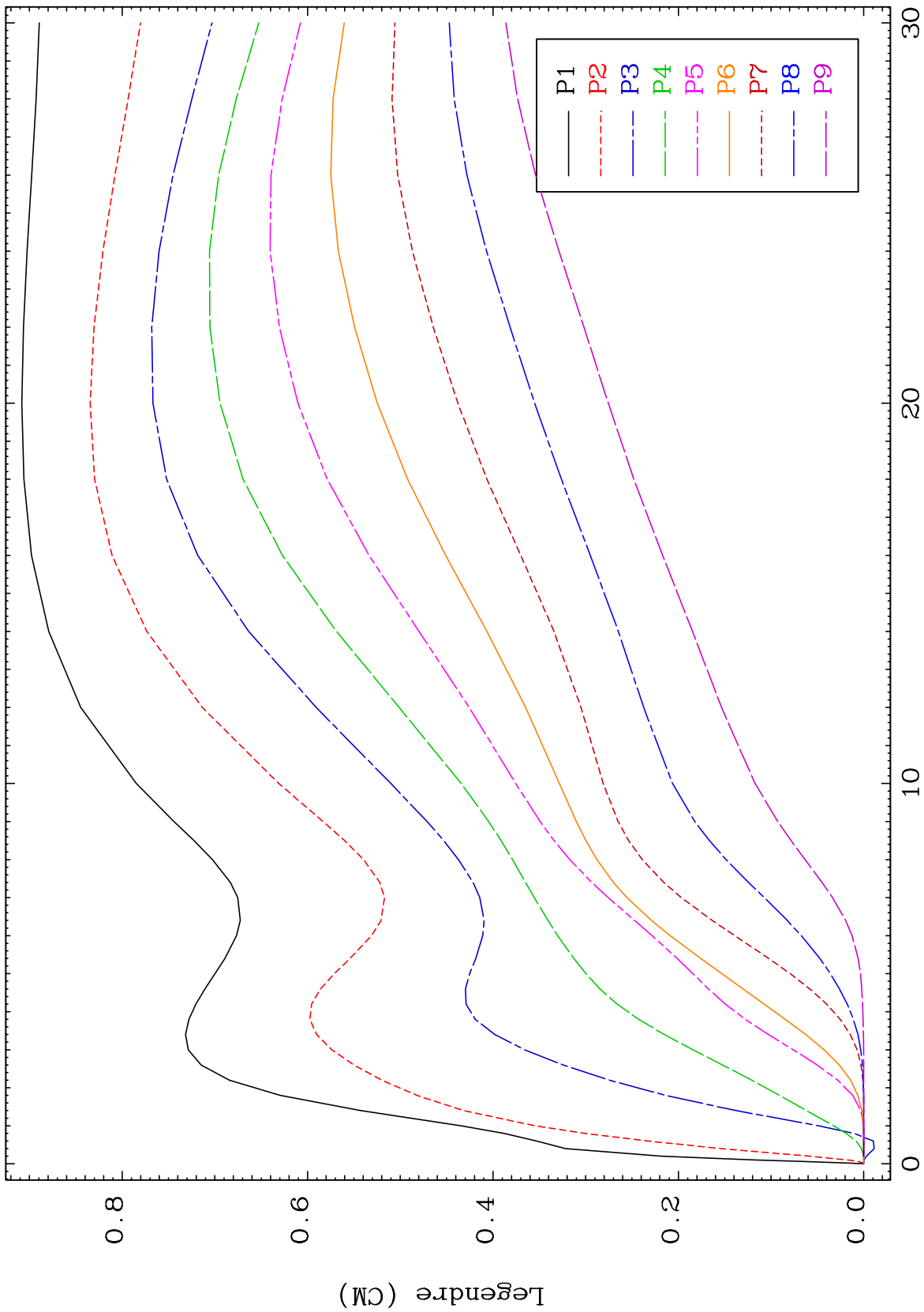




MAT 5922

Elastic Legendre Coefficients

59-Pr-140



16

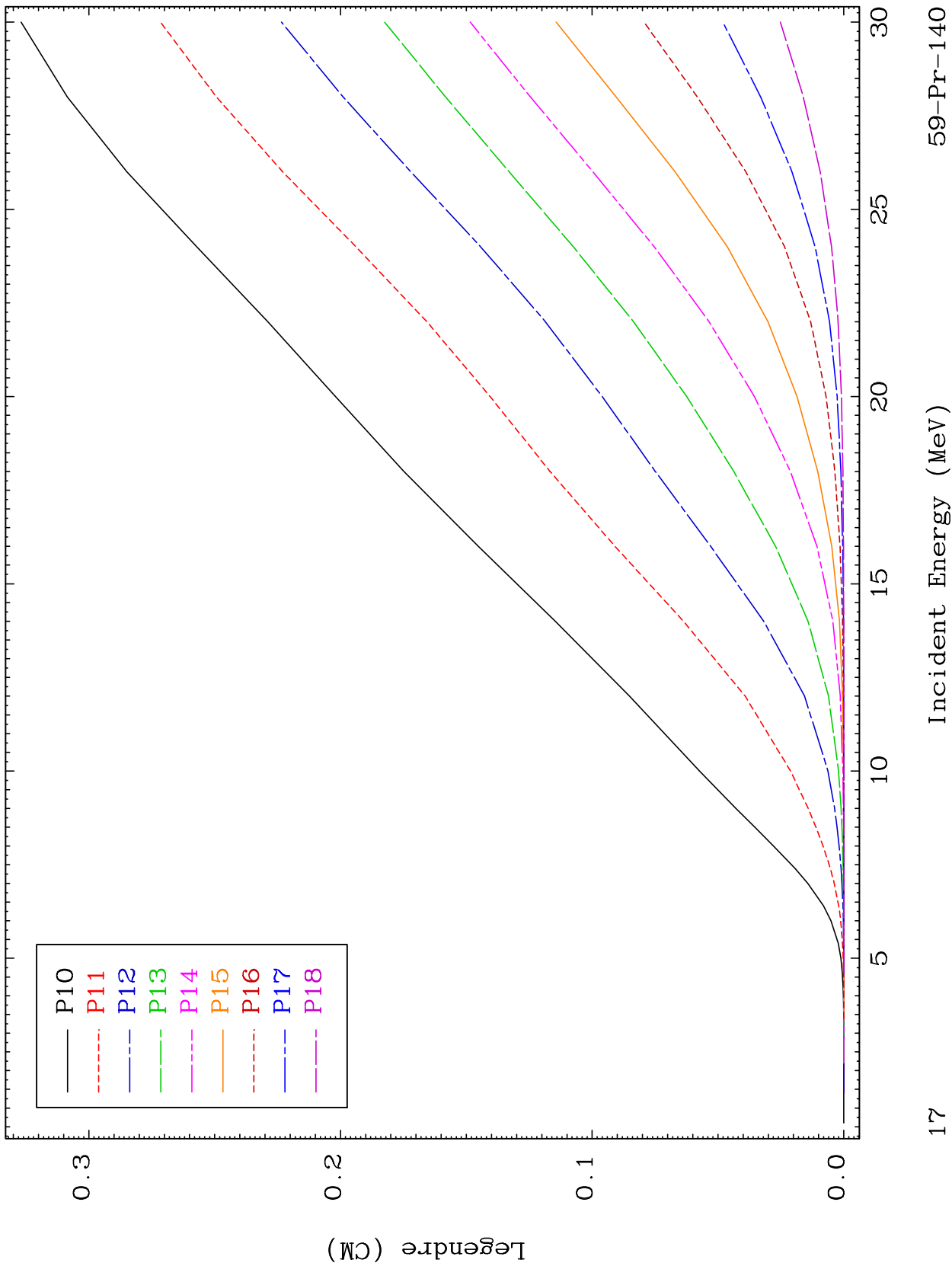
Incident Energy (MeV)

59-Pr-140

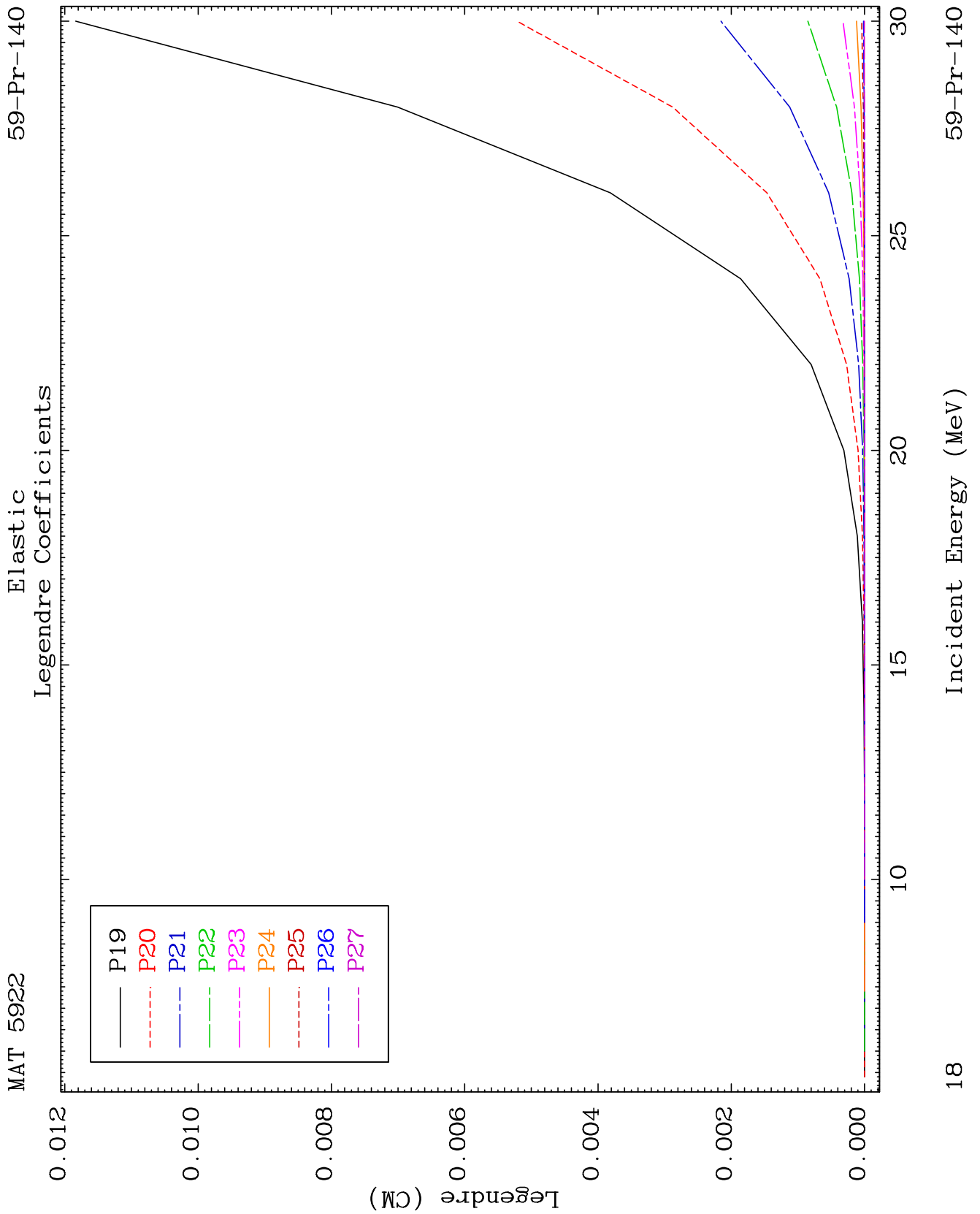
MAT 5922

Elastic Legendre Coefficients

59-Pr-140



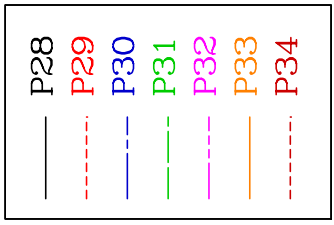
17



MAT 5922

Elastic Legendre Coefficients

59-Pr-140



$\times 10^{-6}$

1.2

Legendre (CM)

0.8

0.4

0.0

15

20

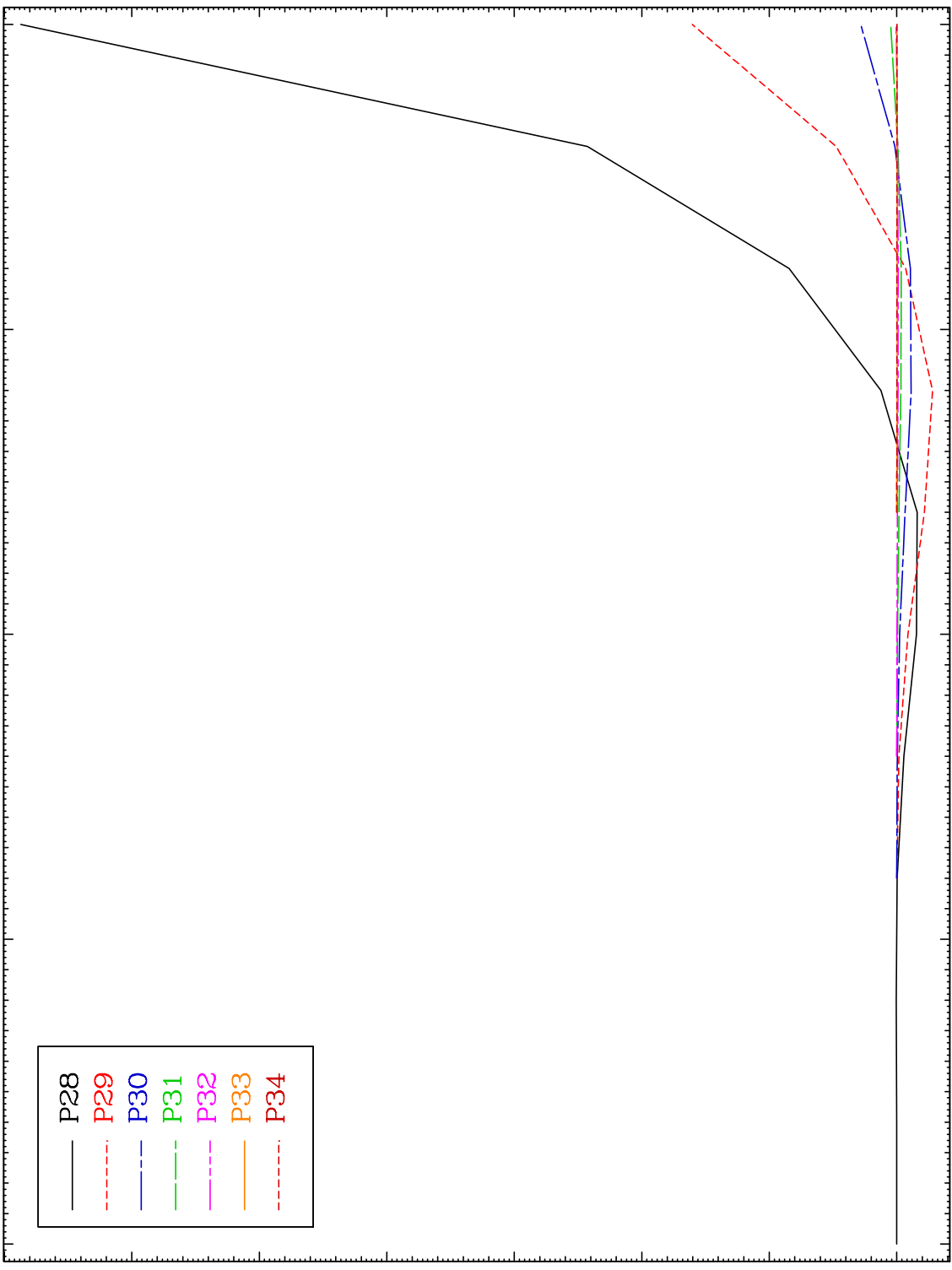
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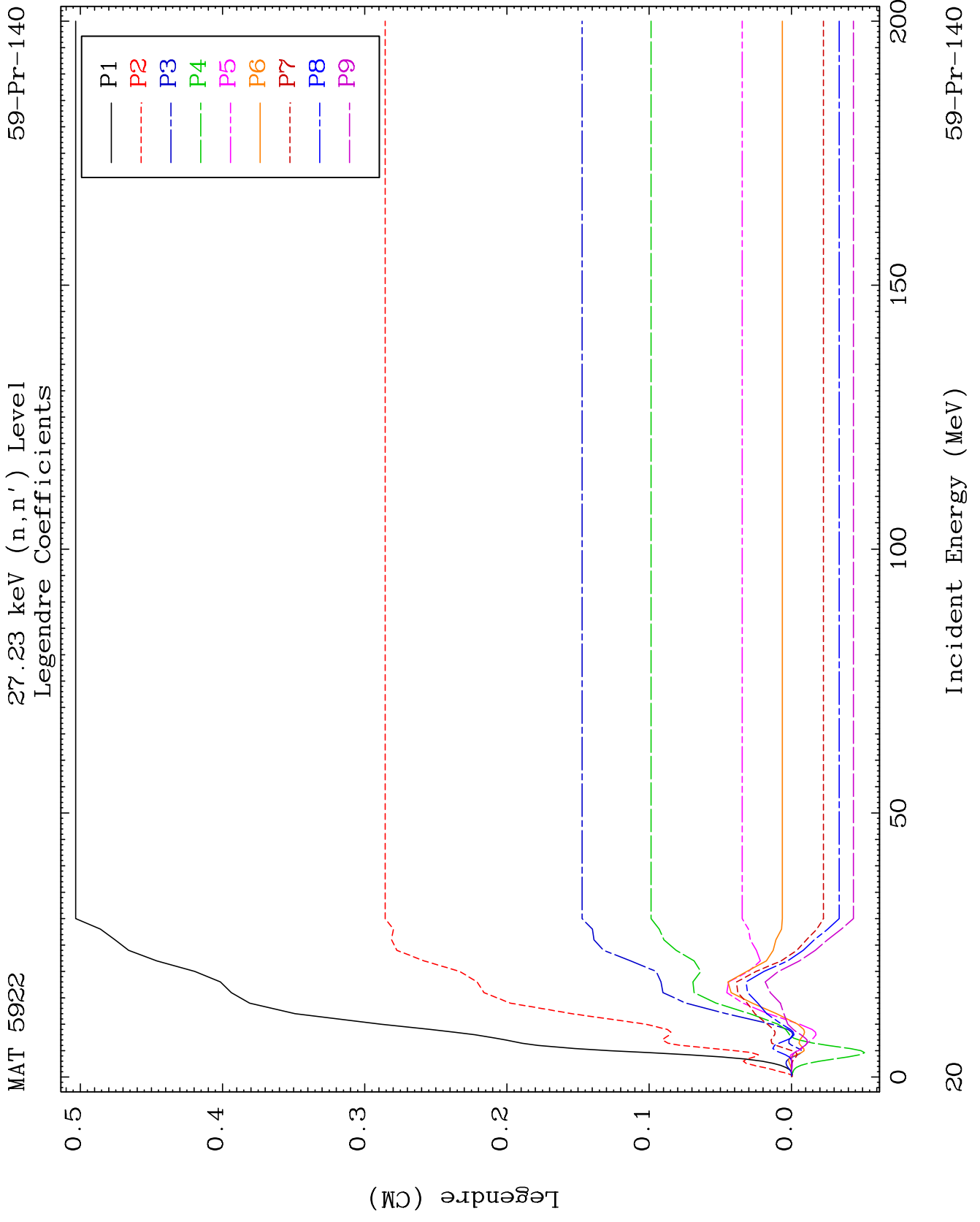
30

19

Incident Energy (MeV)

59-Pr-140

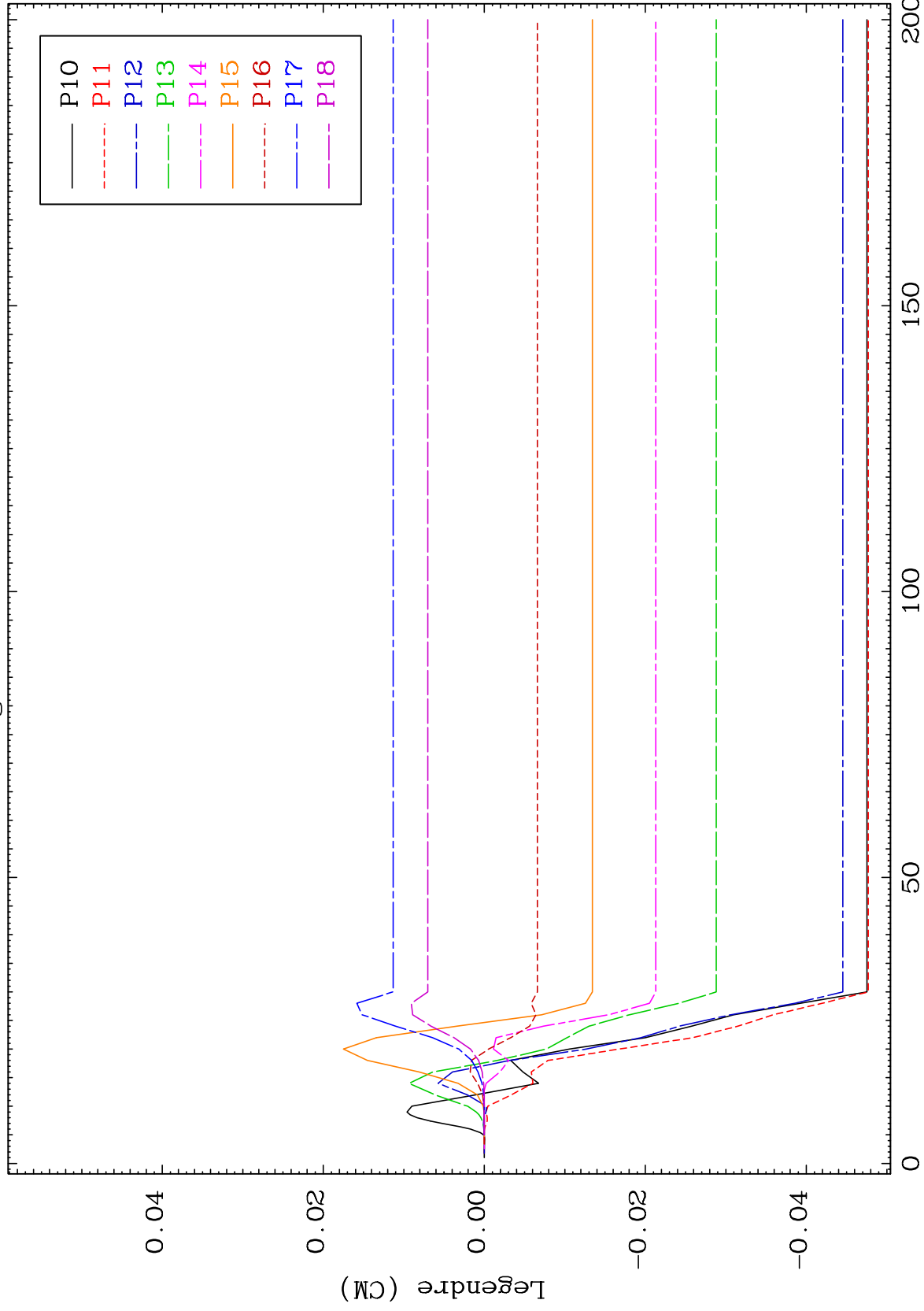




MAT 5922

27.23 keV (n,n') Level
Legendre Coefficients

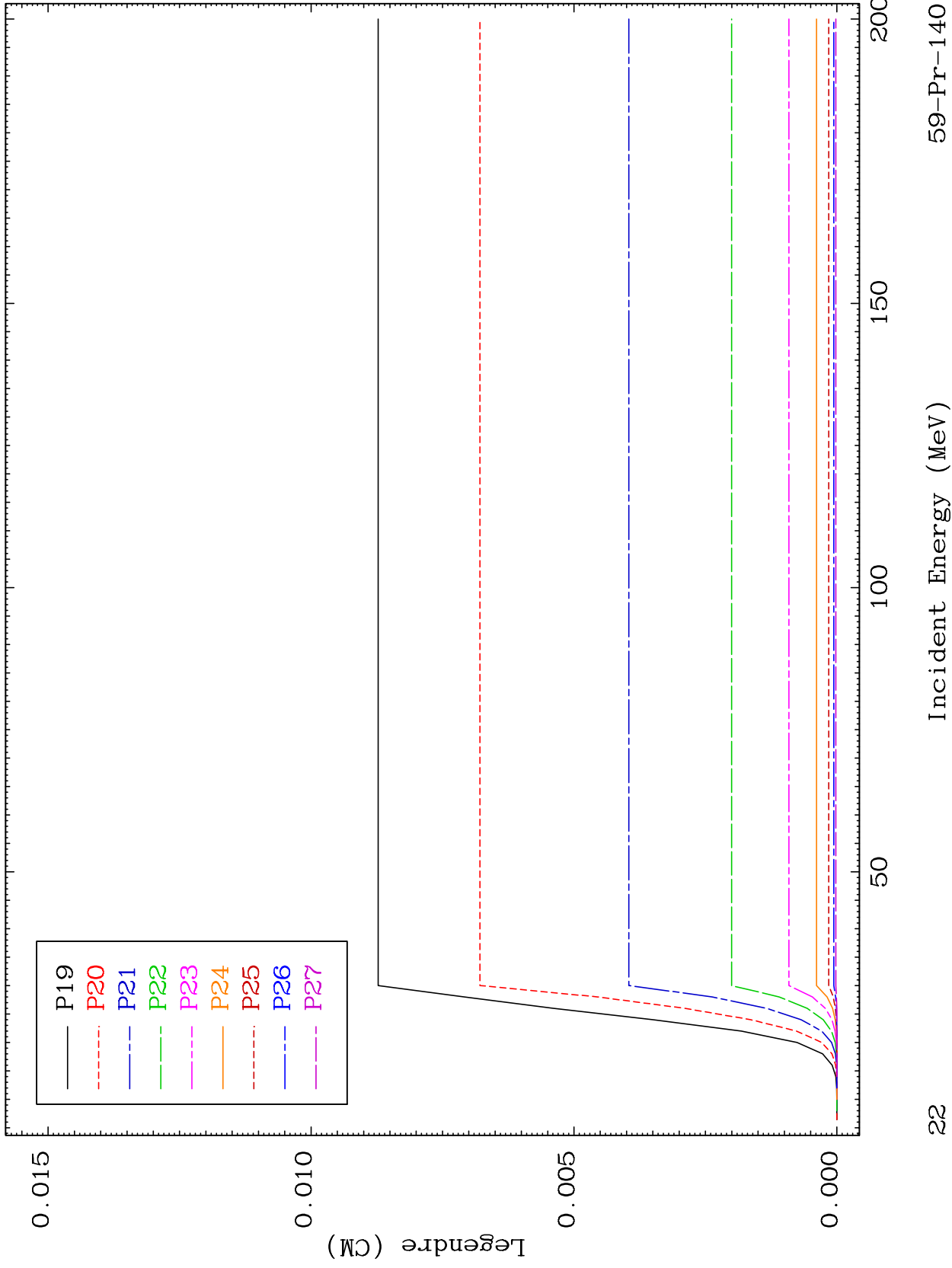
59-Pr-140

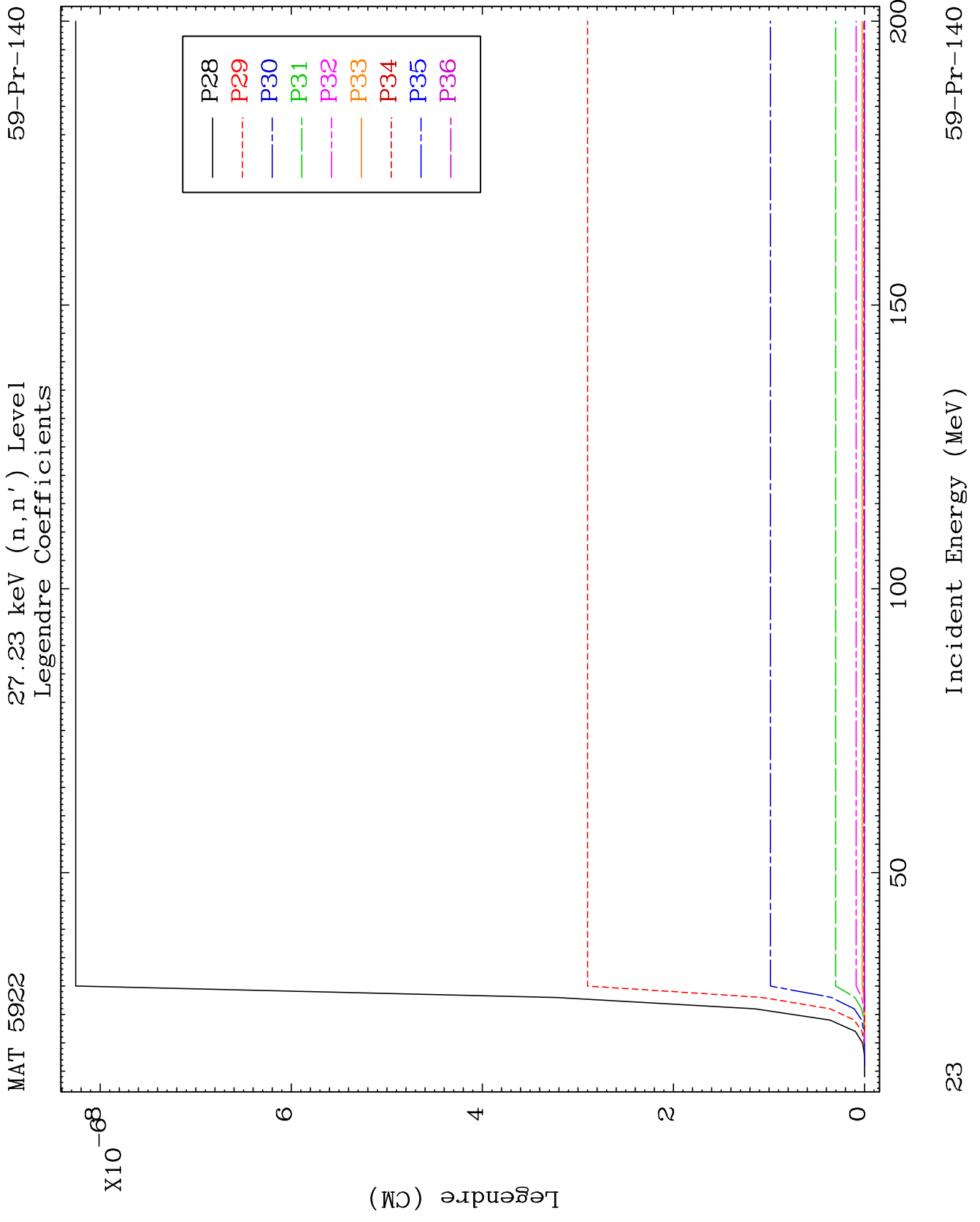


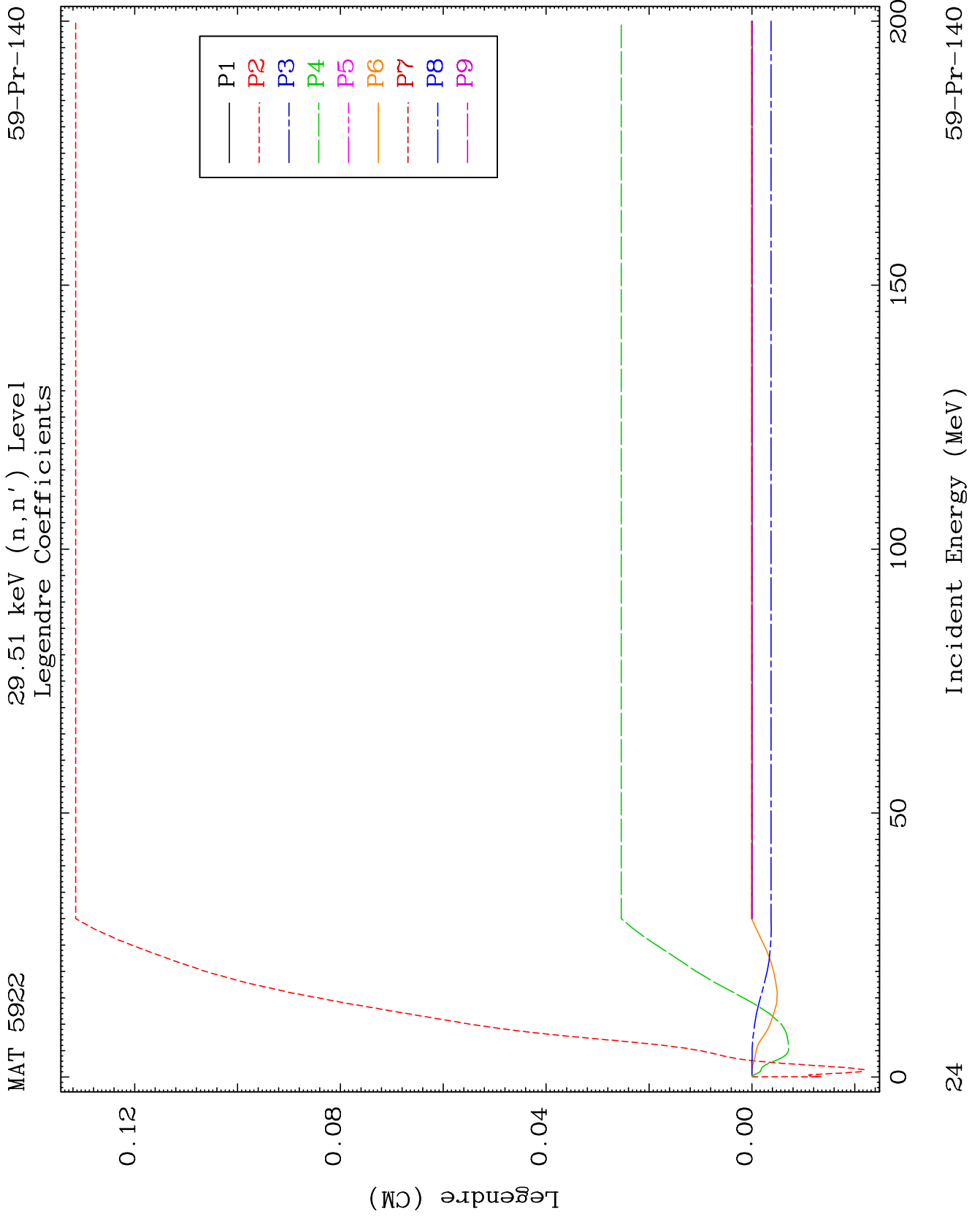
21

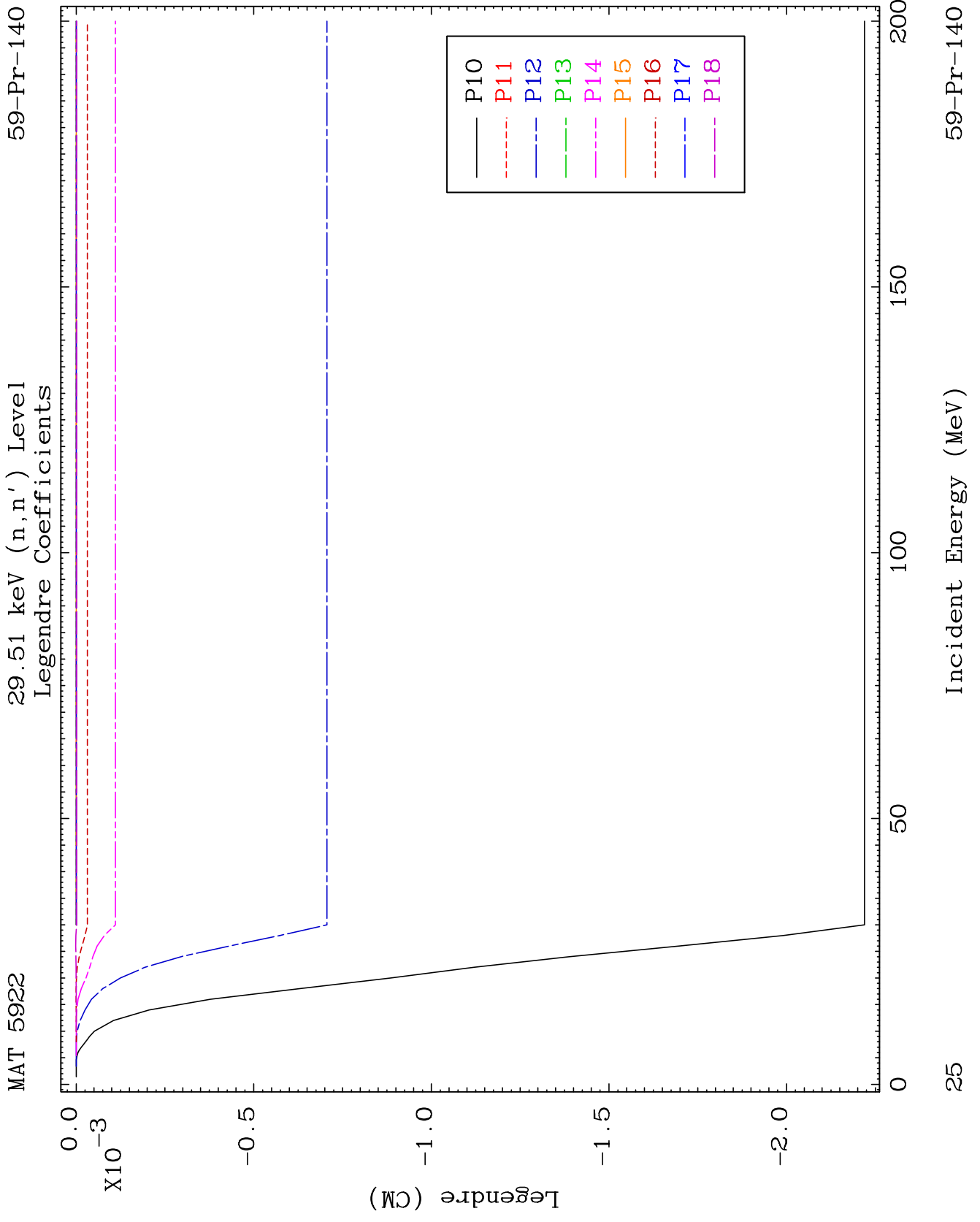
Incident Energy (MeV)

59-Pr-140





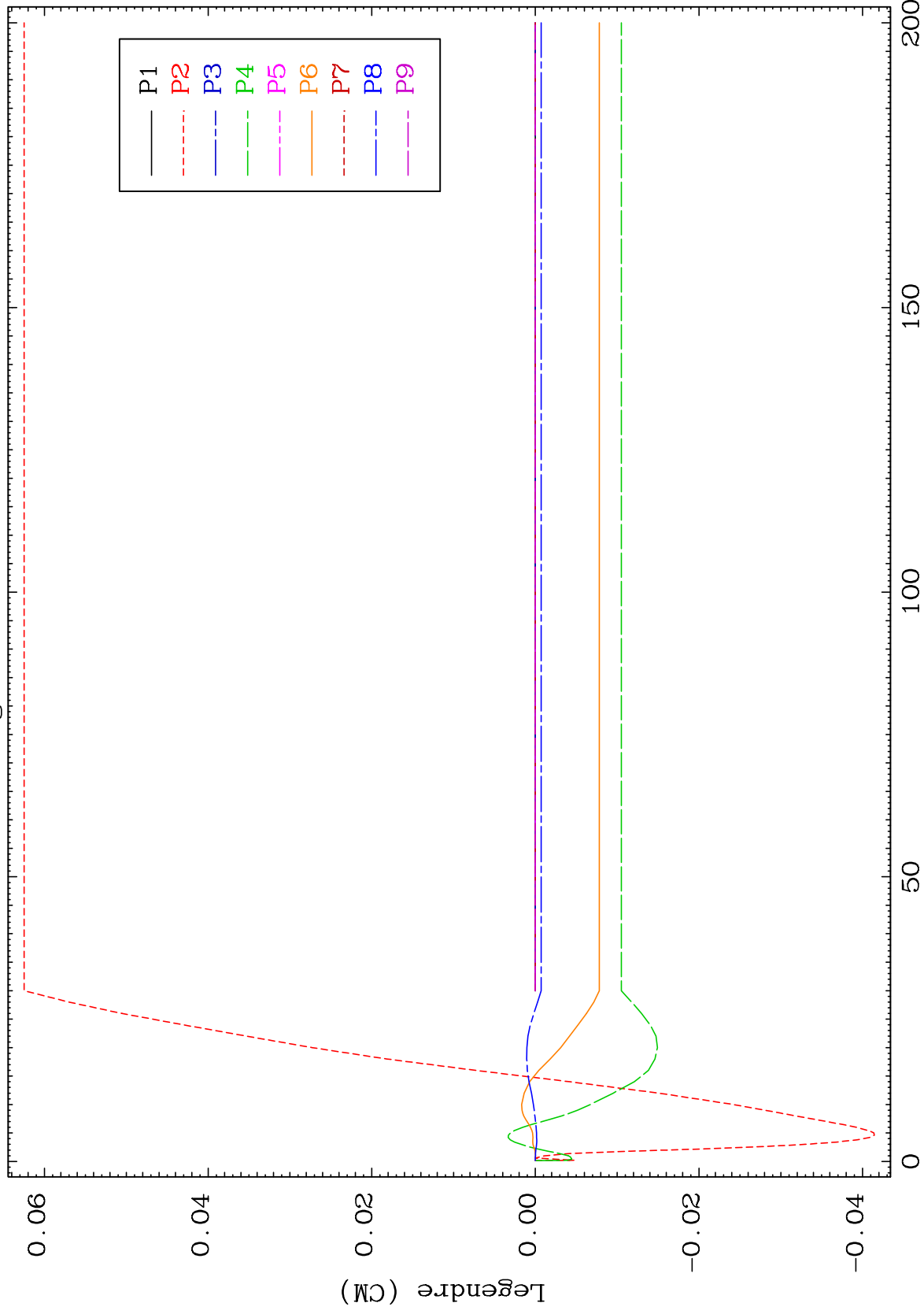




MAT 5922

127.8 keV (n,n') Level
Legendre Coefficients

59-Pr-140



27

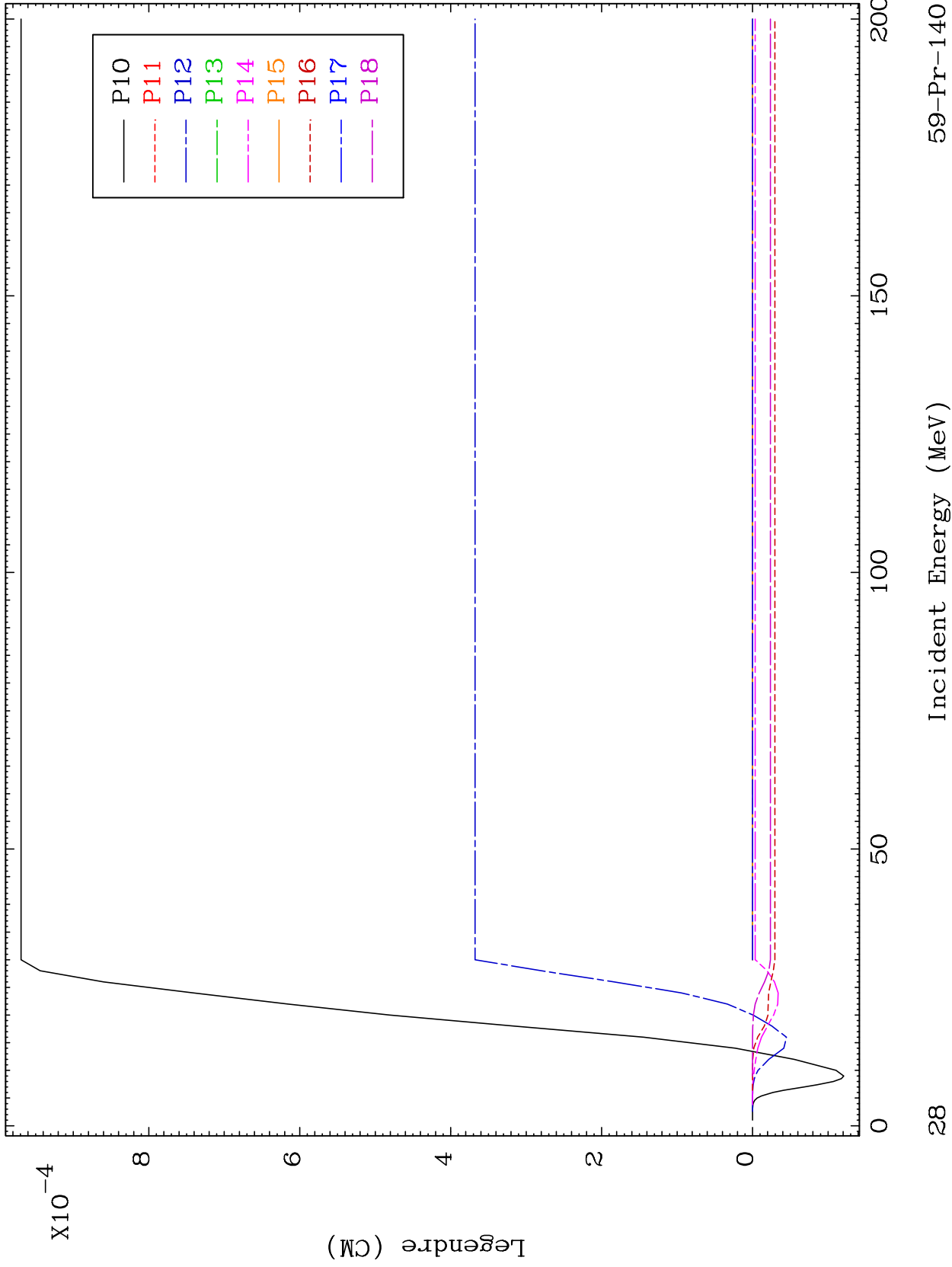
Incident Energy (MeV)

59-Pr-140

MAT 5922

127.8 keV (n,n') Level
Legendre Coefficients

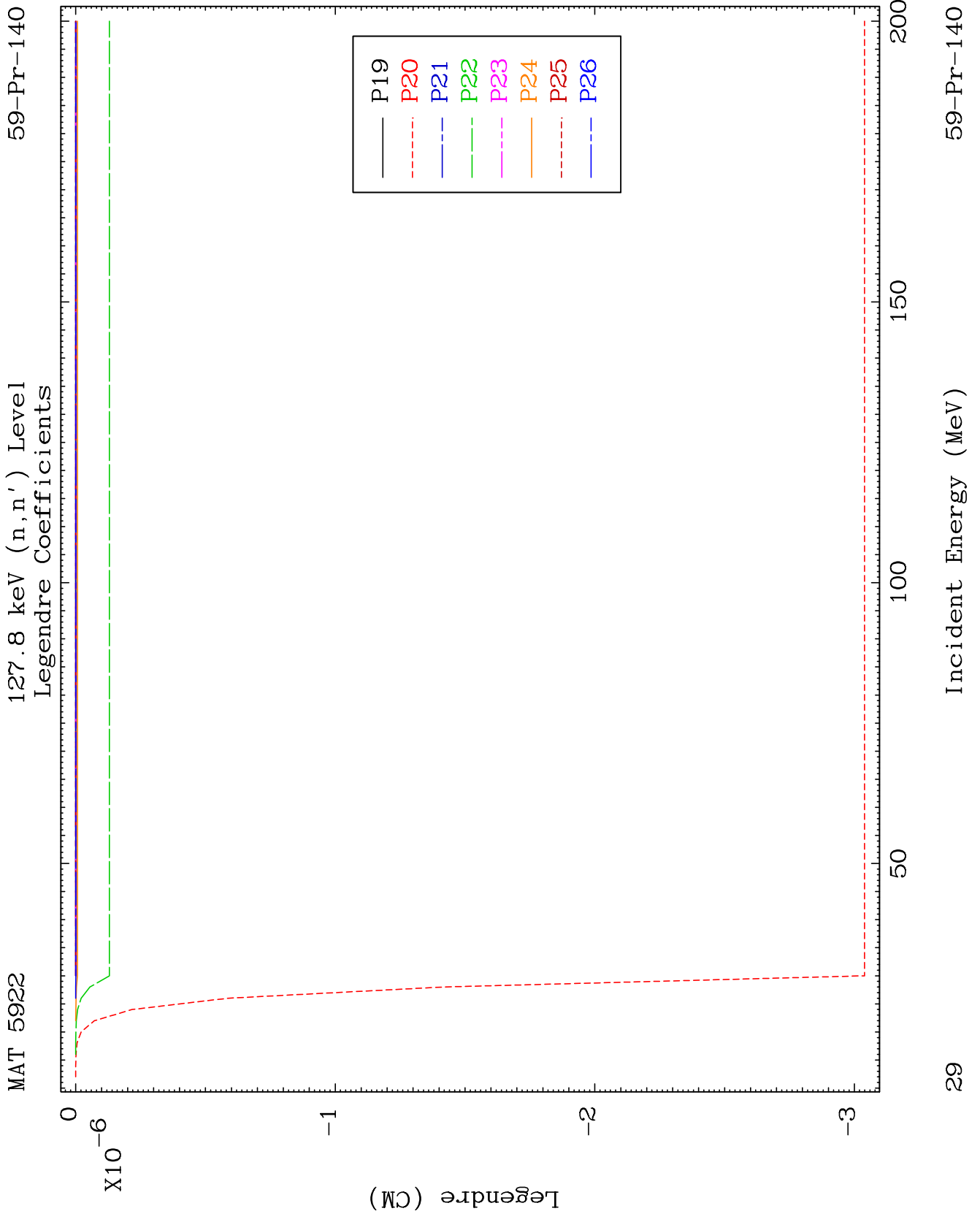
59-Pr-140

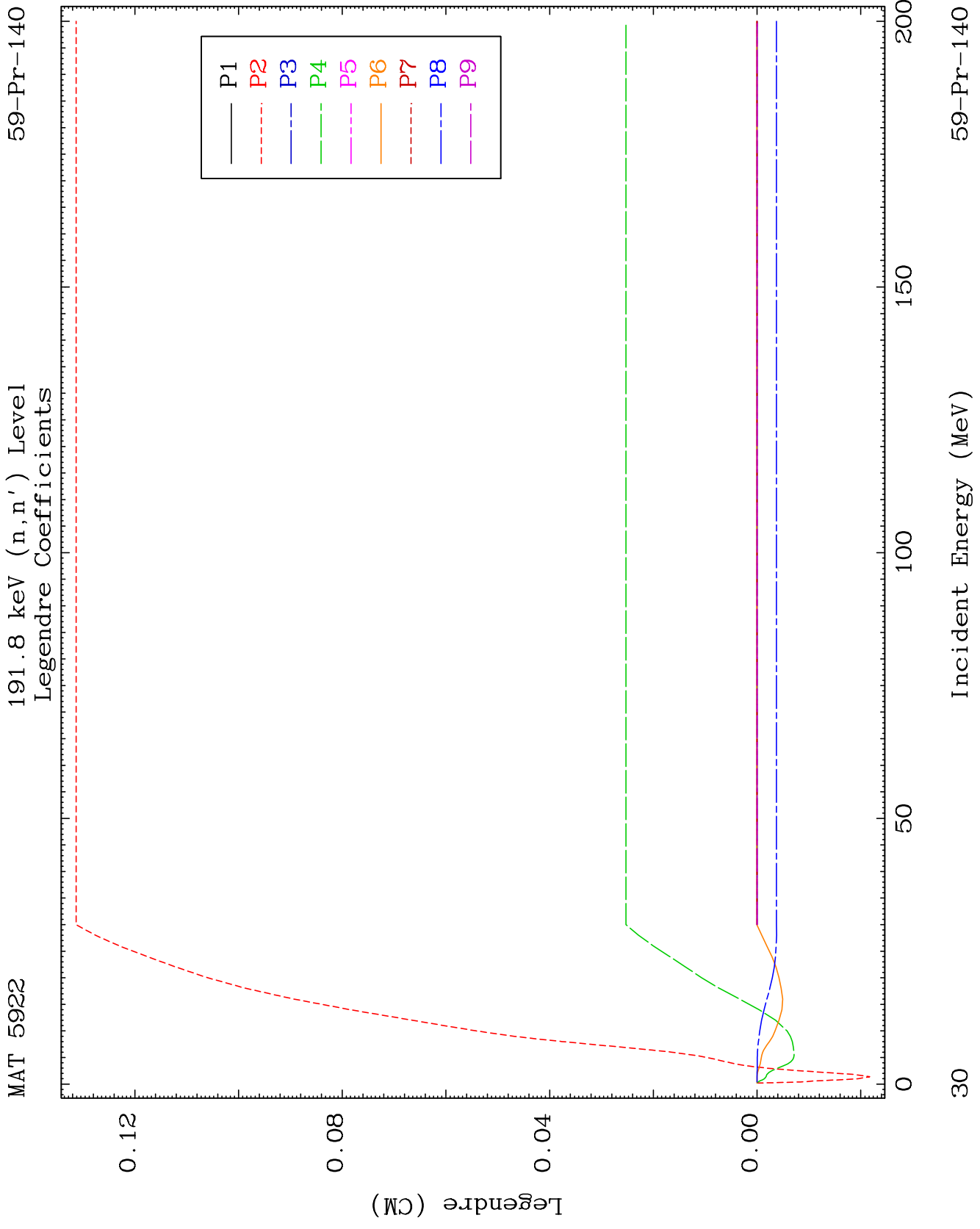


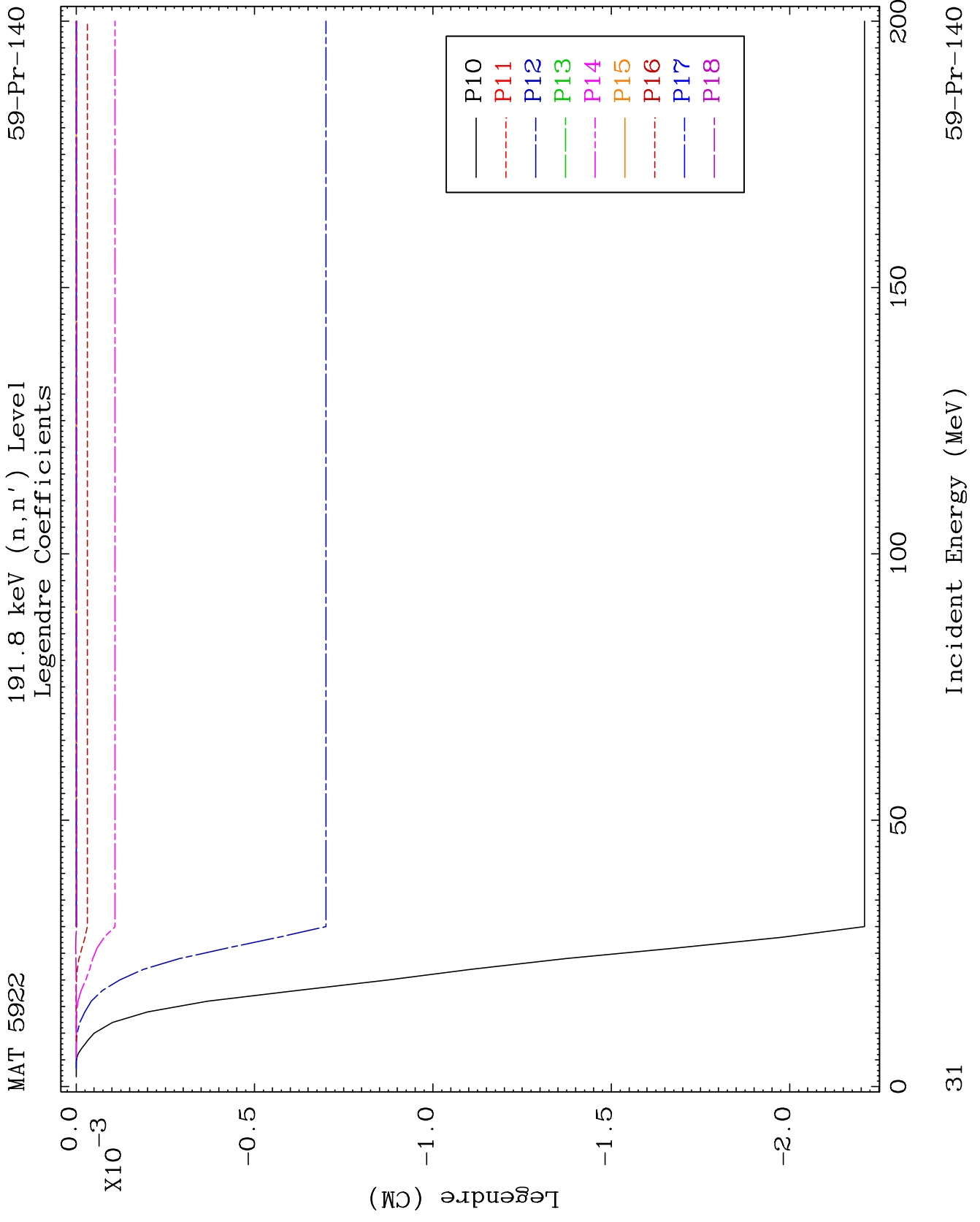
28

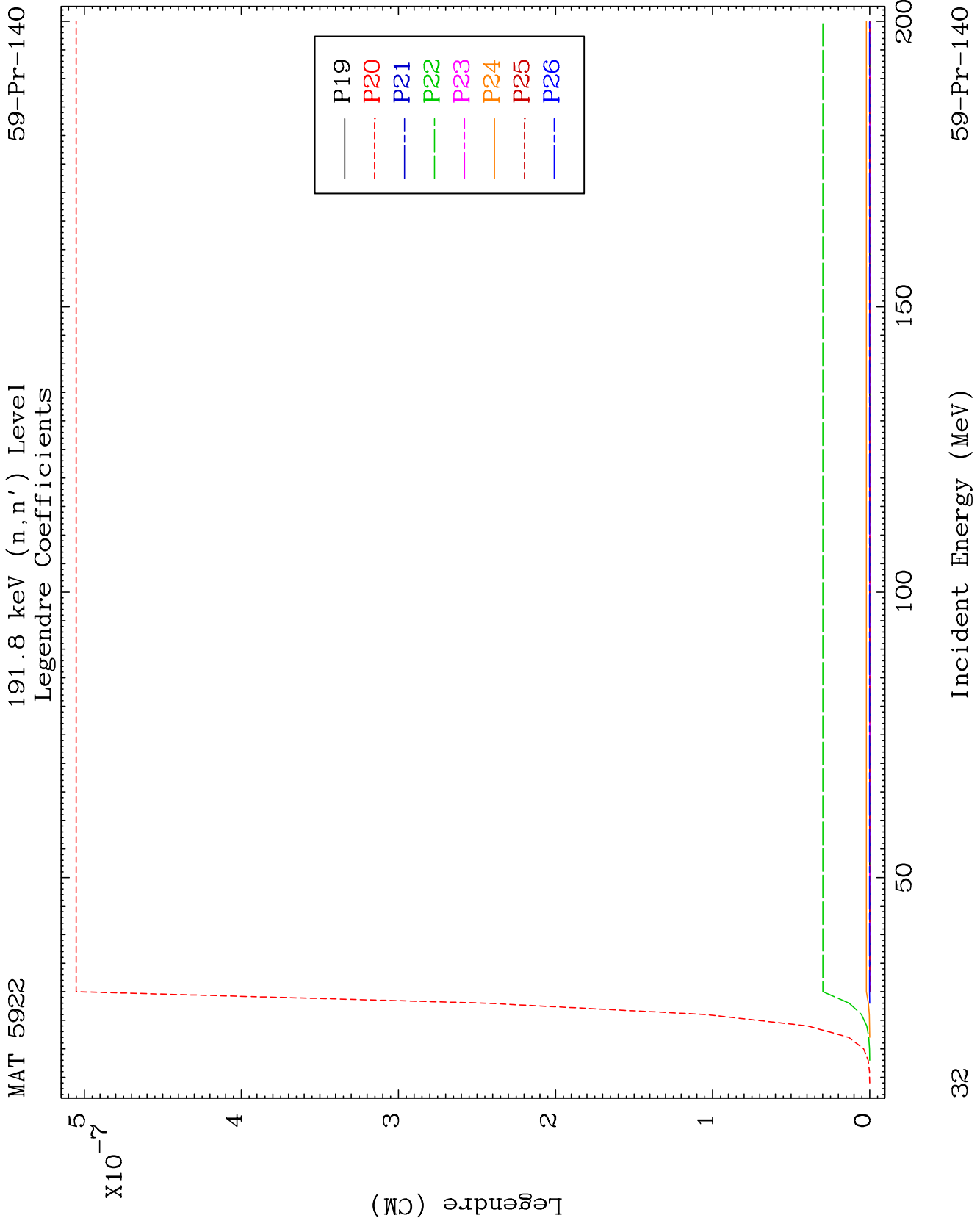
Incident Energy (MeV)

59-Pr-140





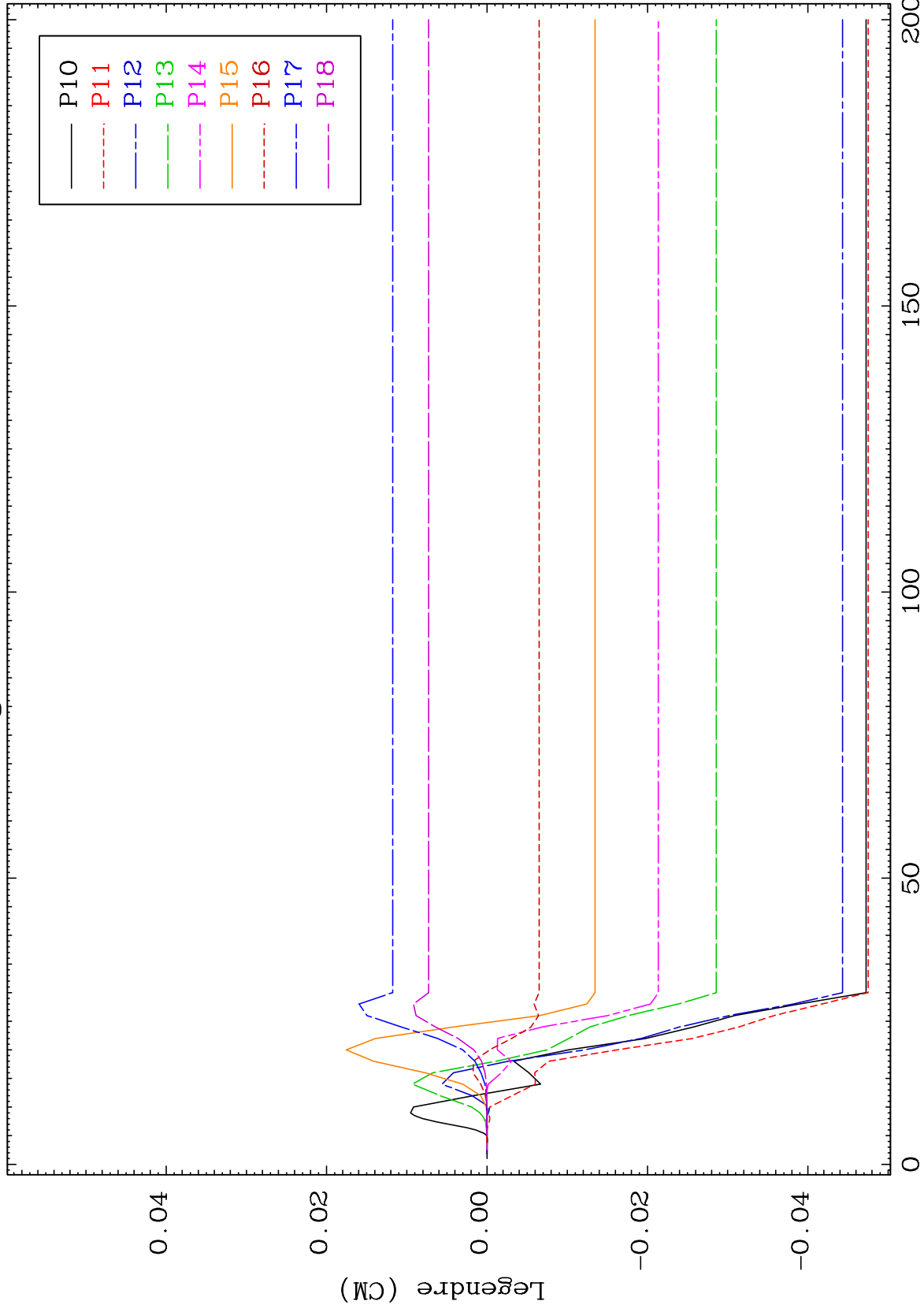




MAT 5922

271.2 keV (n,n') Level
Legendre Coefficients

59-Pr-140



34

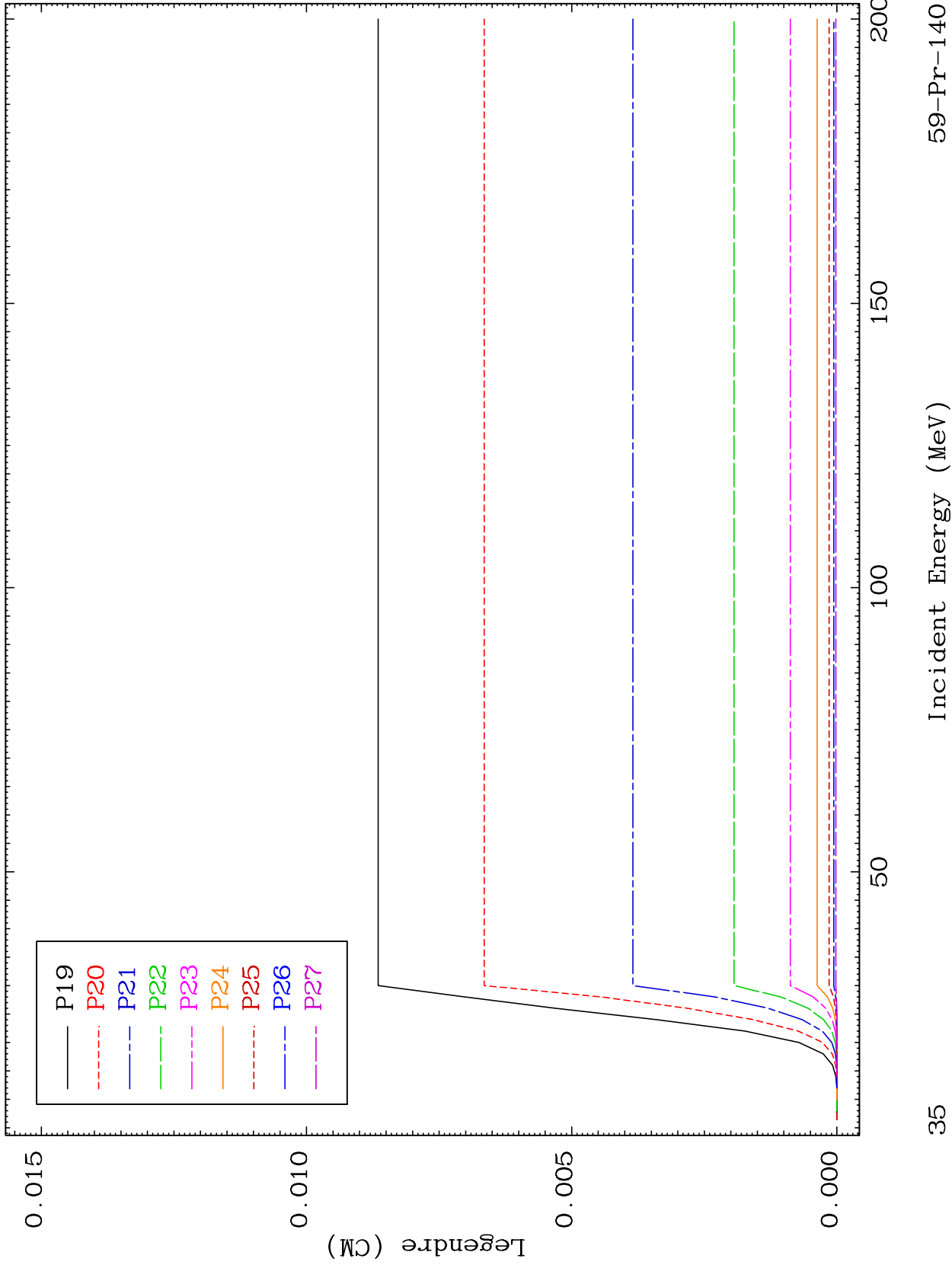
Incident Energy (MeV)

59-Pr-140

MAT 5922

271.2 keV (n,n') Level
Legendre Coefficients

59-Pr-140



35

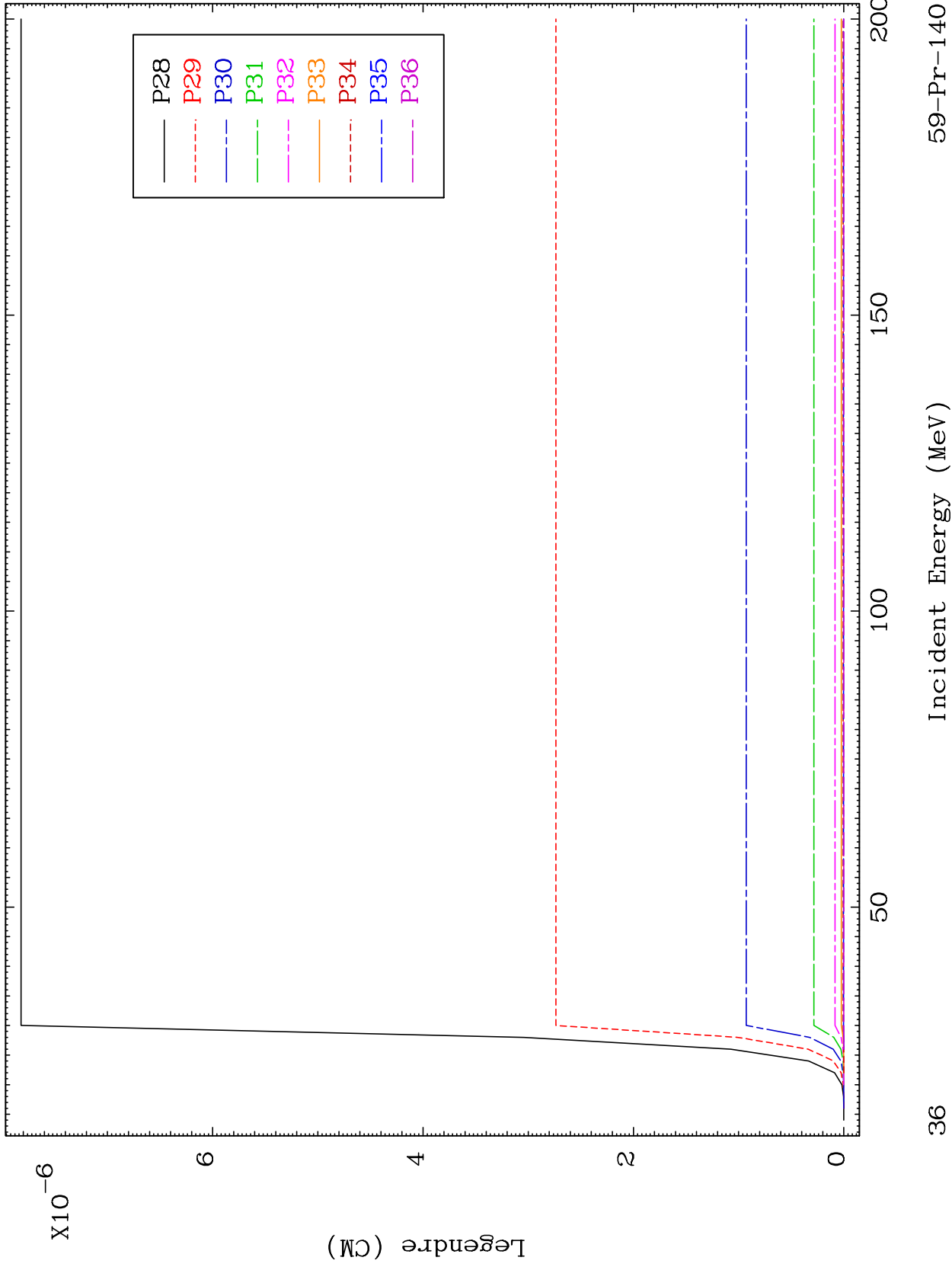
Incident Energy (MeV)

59-Pr-140

MAT 5922

271.2 keV (n, n') Level
Legendre Coefficients

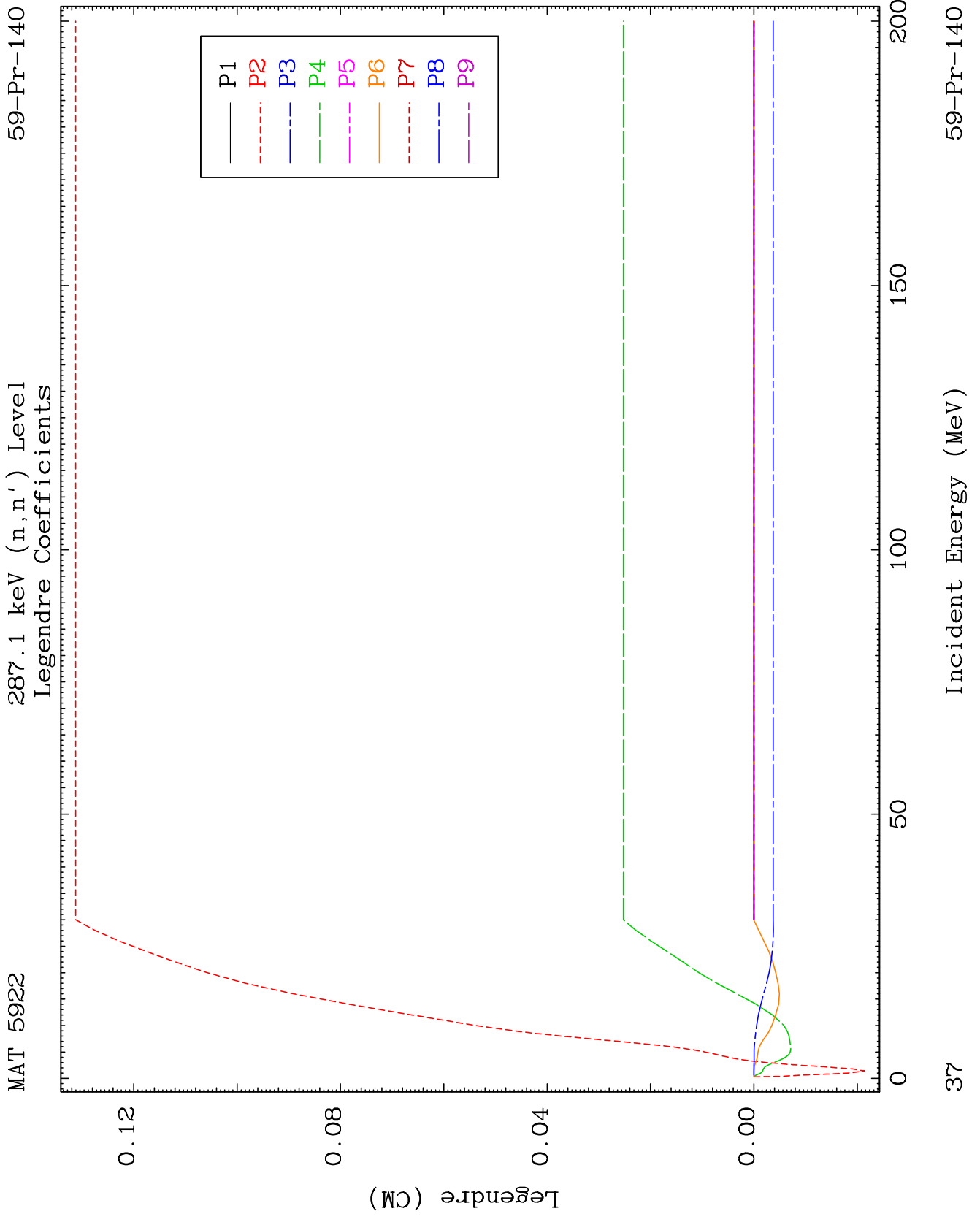
59-Pr-140

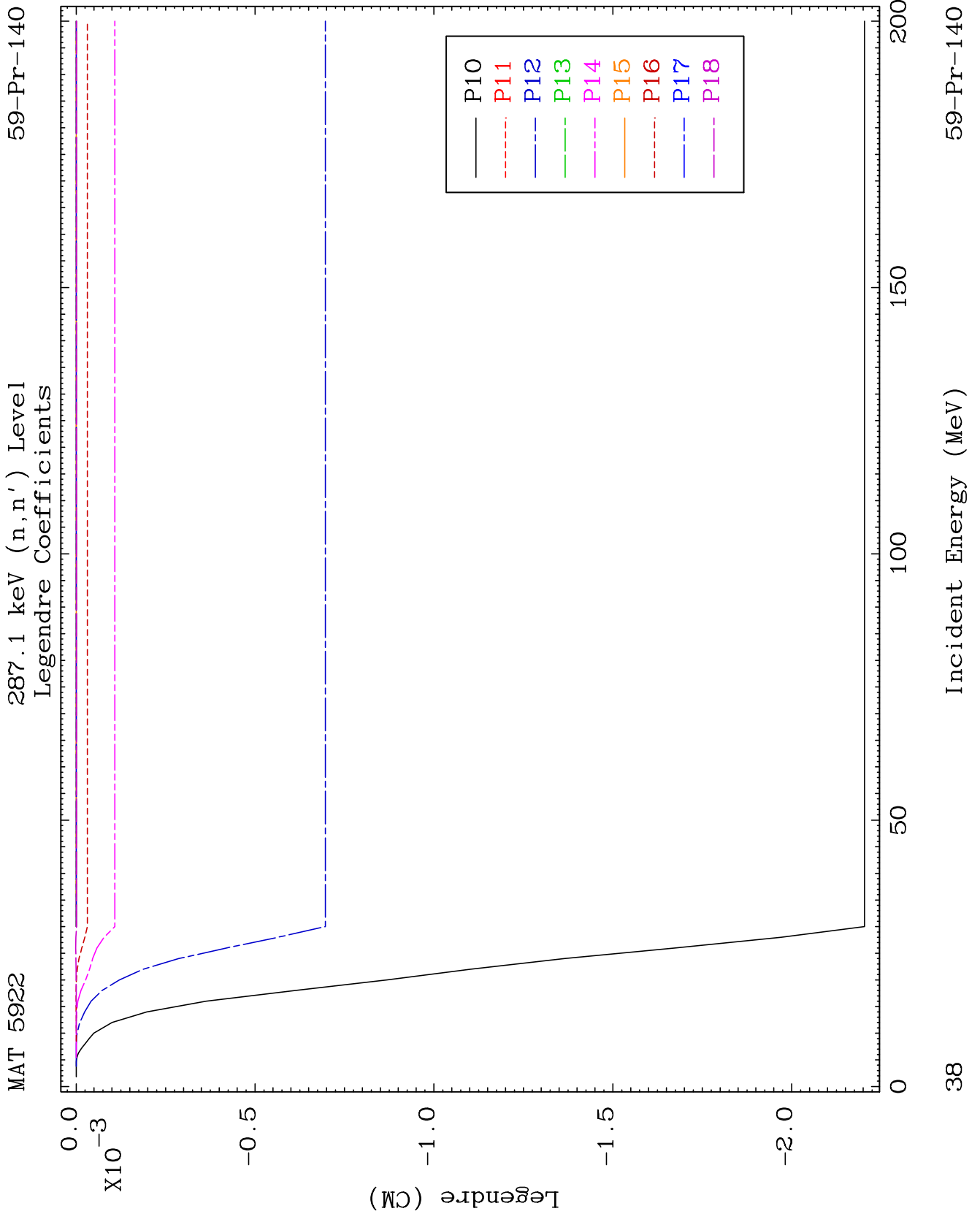


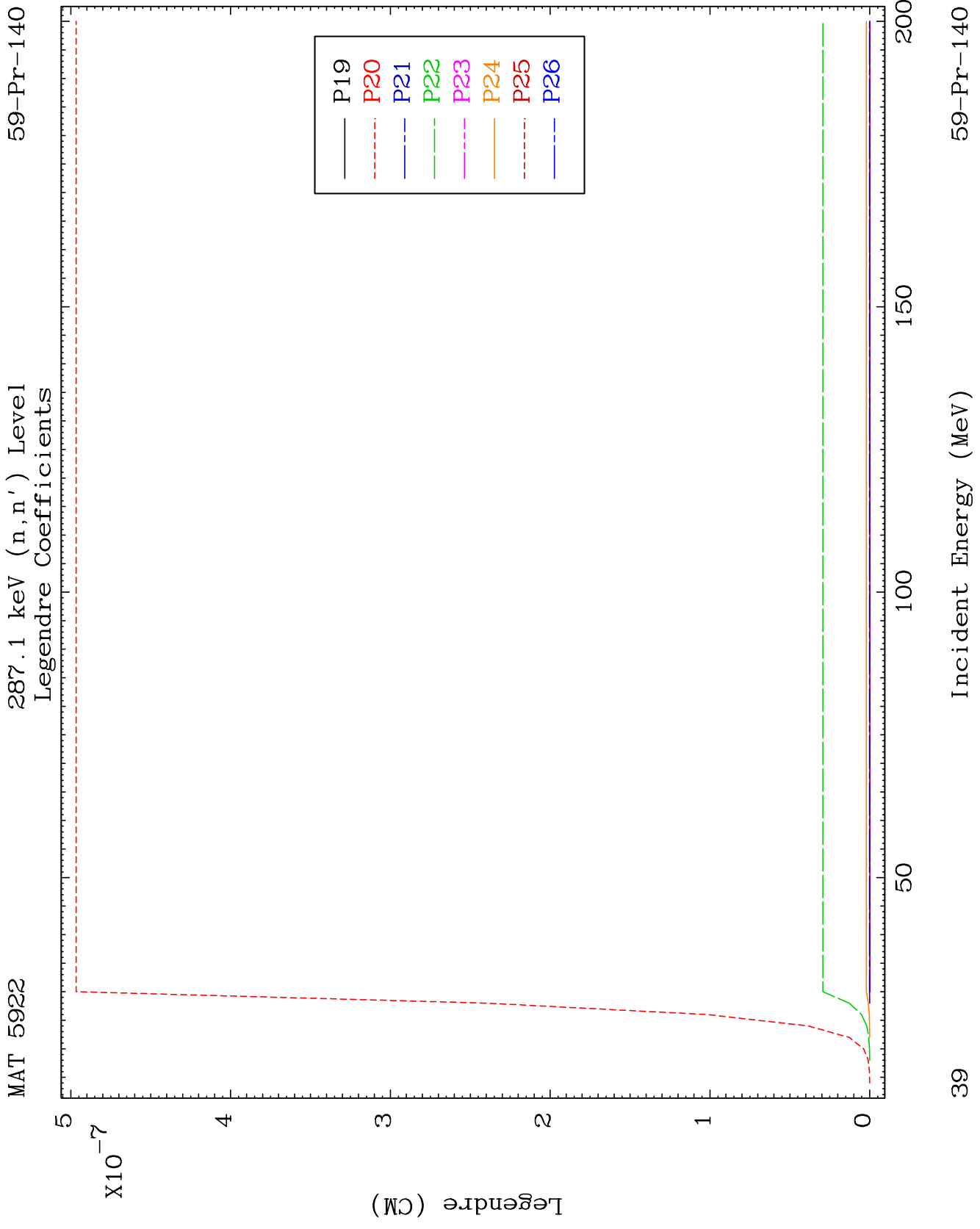
36

Incident Energy (MeV)

59-Pr-140



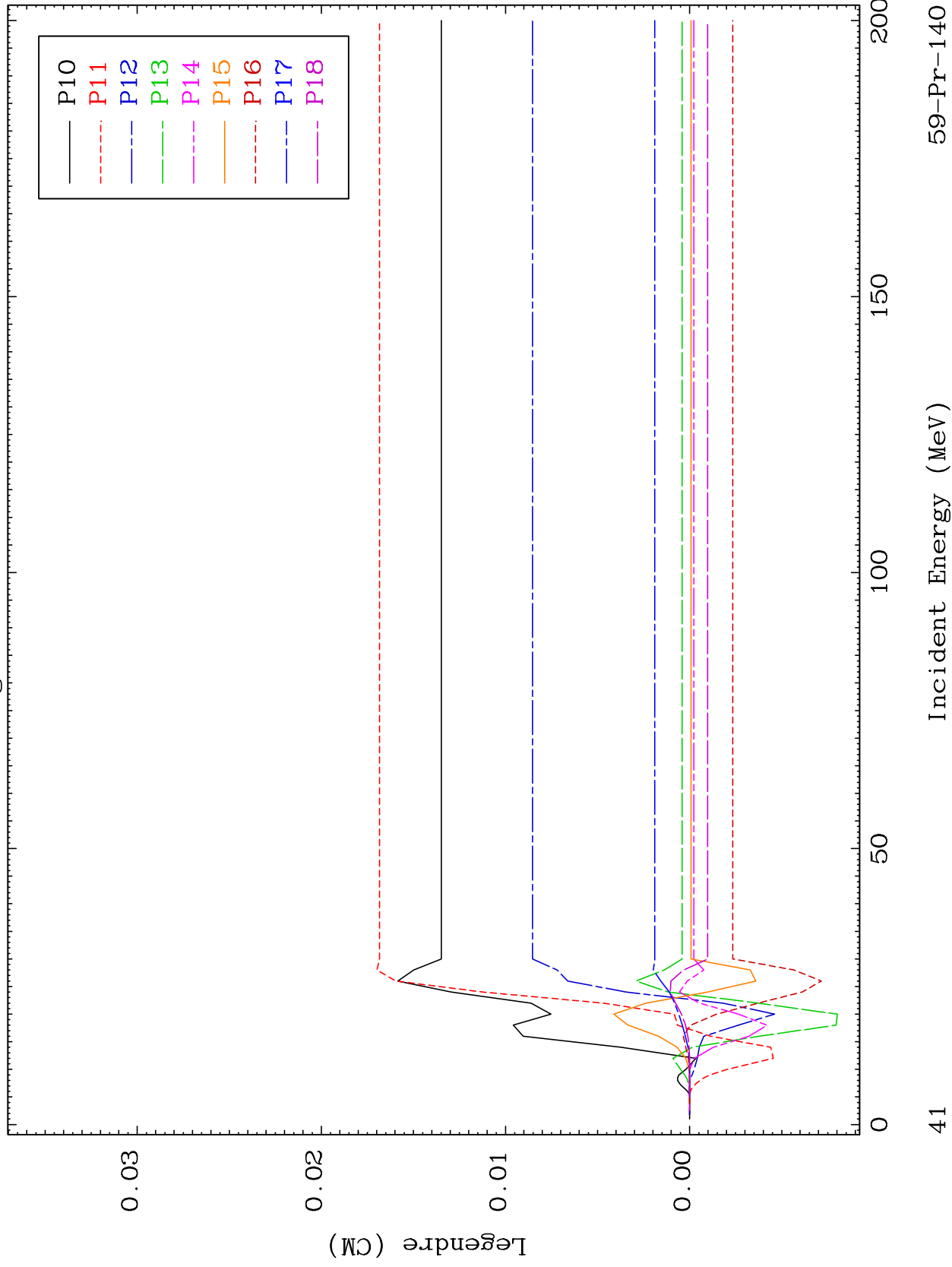




MAT 5922

330.9 keV (n,n') Level
Legendre Coefficients

59-Pr-140



41

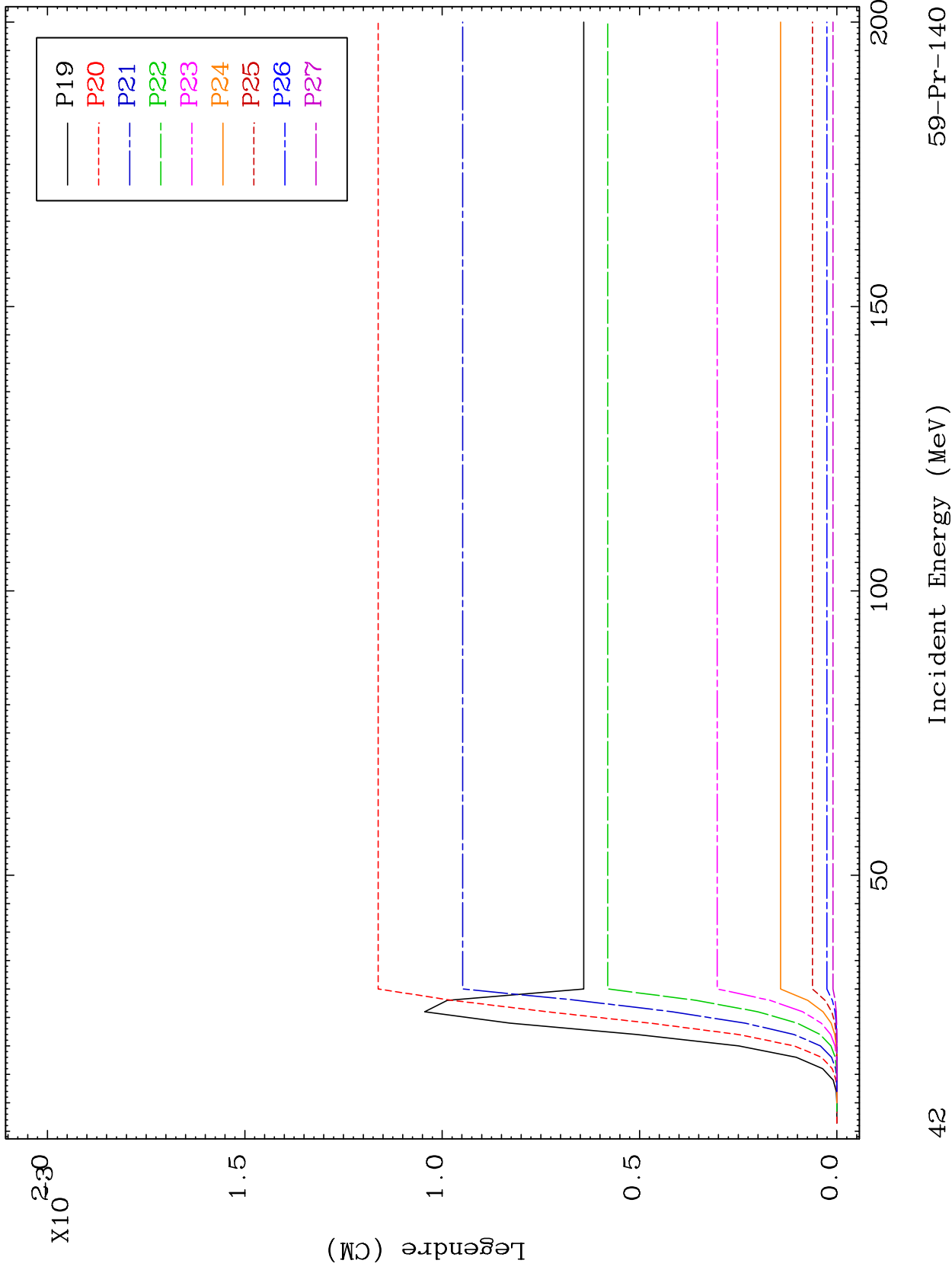
Incident Energy (MeV)

59-Pr-140

MAT 5922

330.9 keV (n,n') Level
Legendre Coefficients

59-Pr-140



42

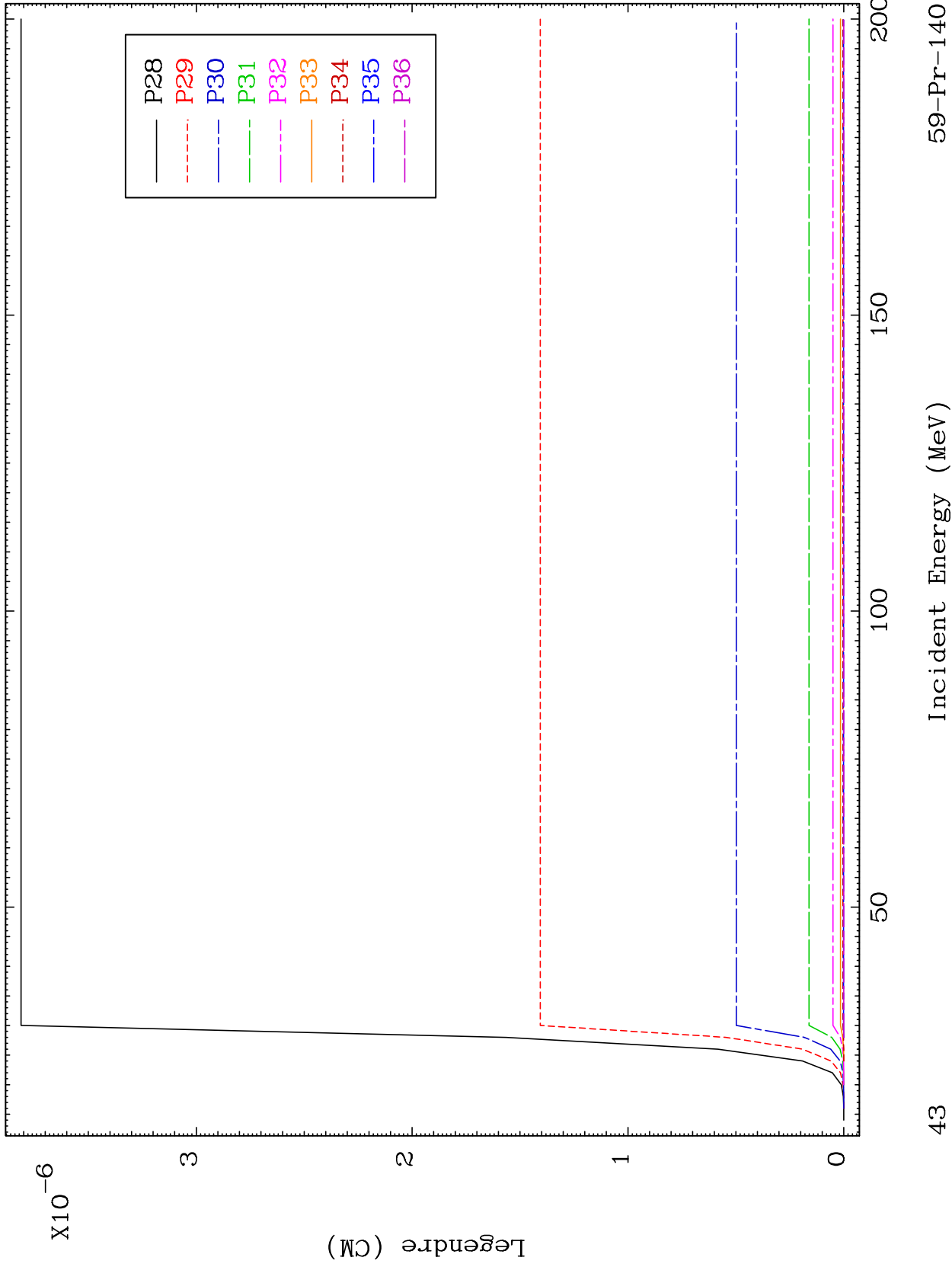
Incident Energy (MeV)

59-Pr-140

MAT 5922

330.9 keV (n,n') Level
Legendre Coefficients

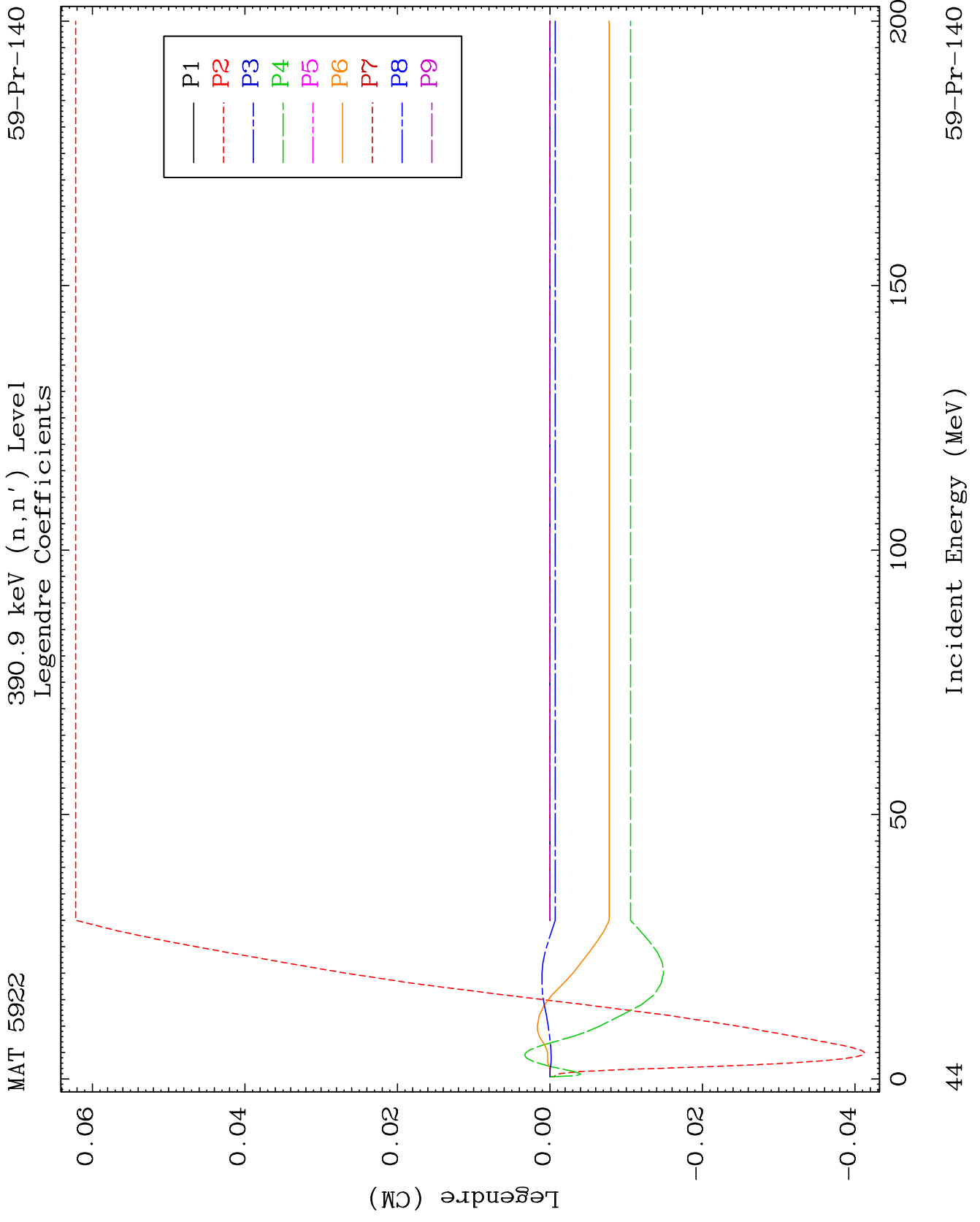
59-Pr-140



43

Incident Energy (MeV)

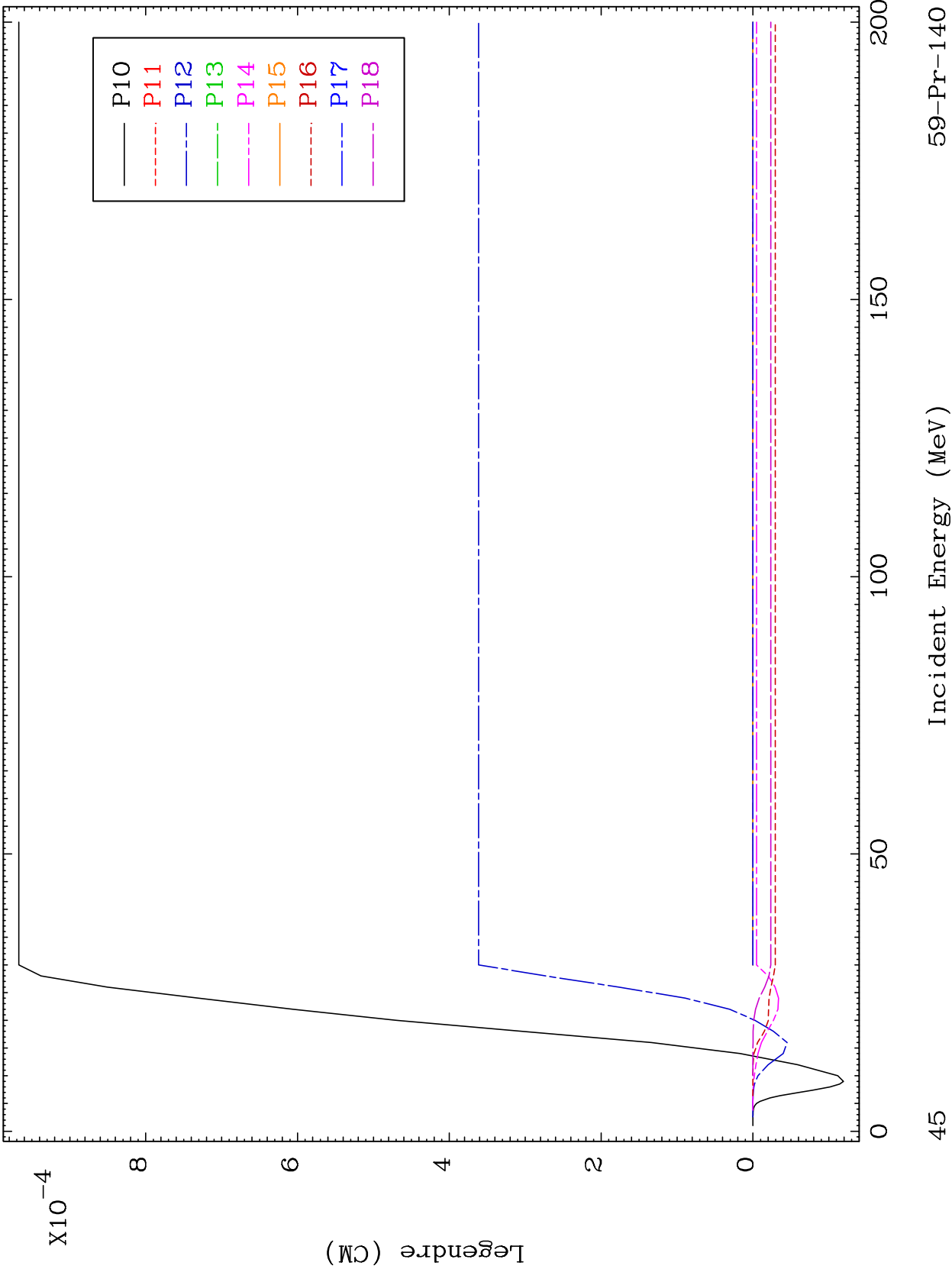
59-Pr-140



MAT 5922

390.9 keV (n,n') Level
Legendre Coefficients

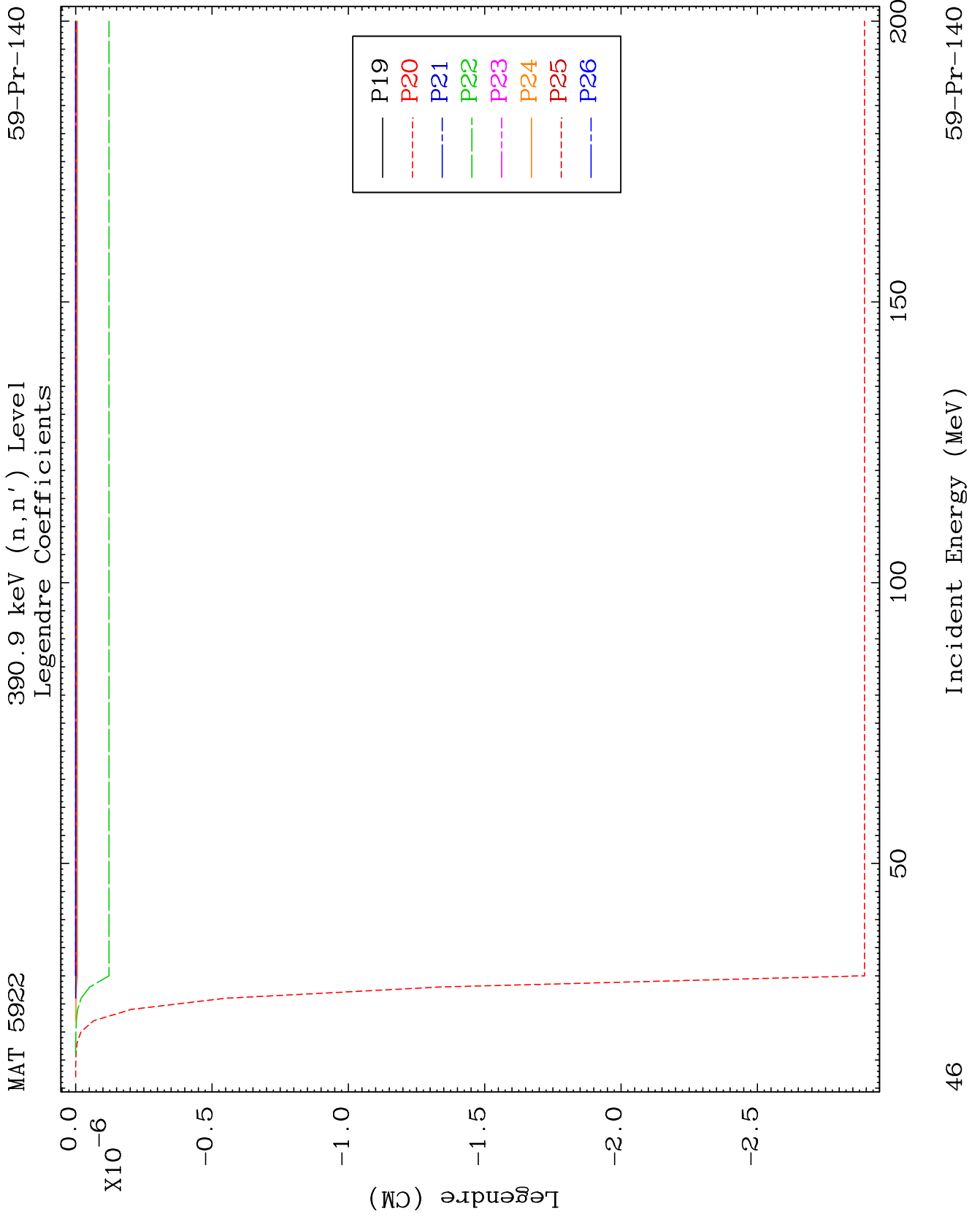
59-Pr-140

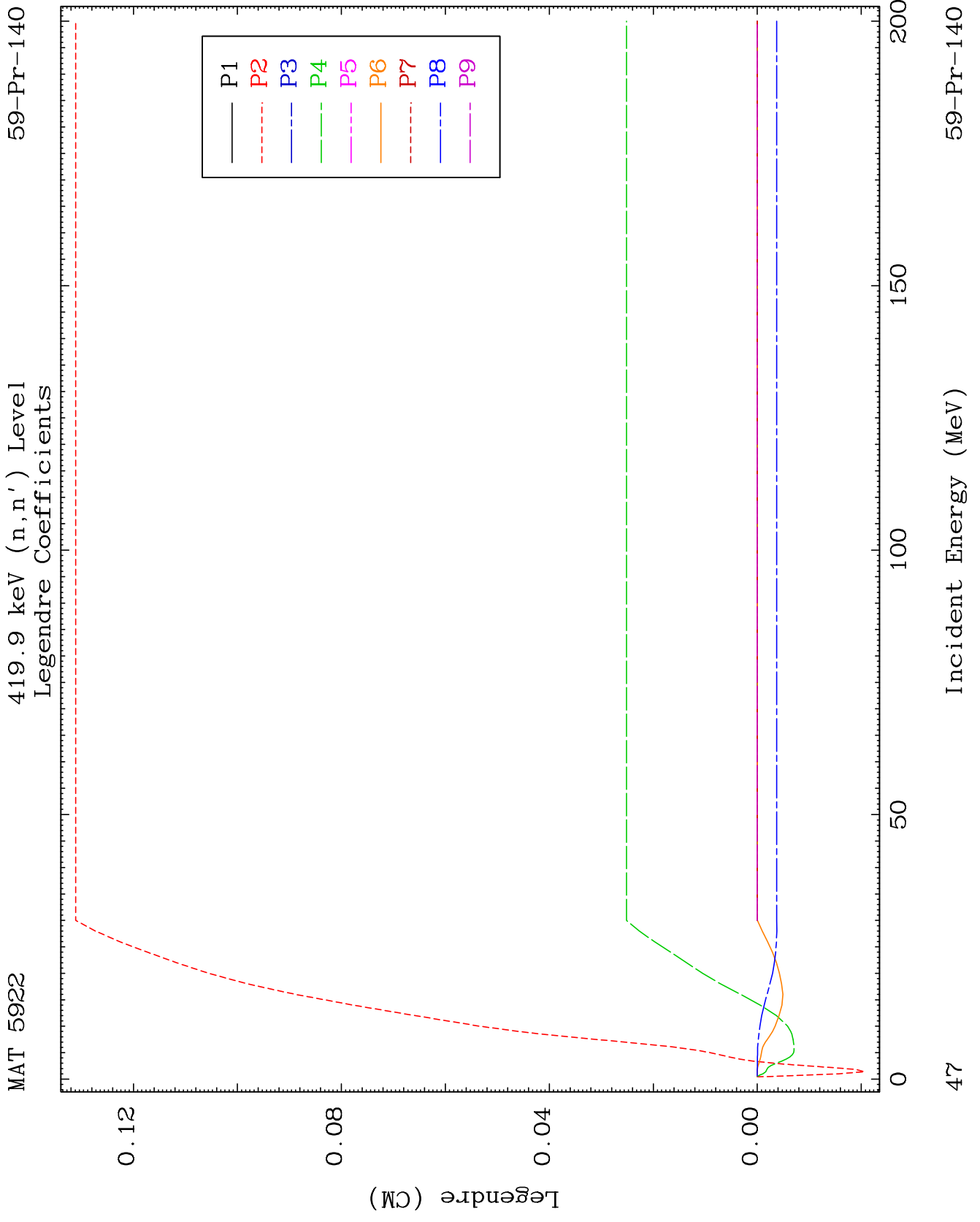


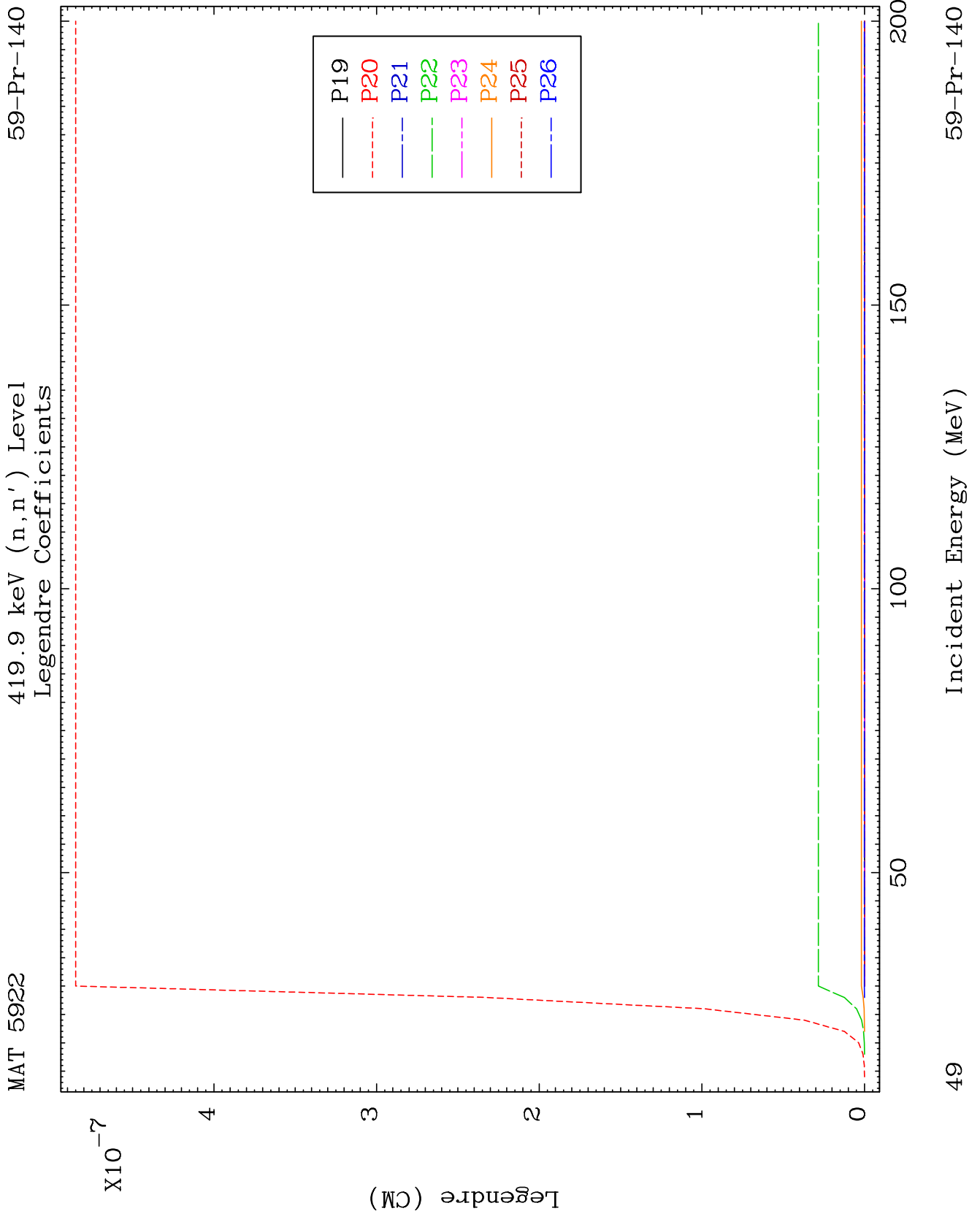
59-Pr-140

Incident Energy (MeV)

45



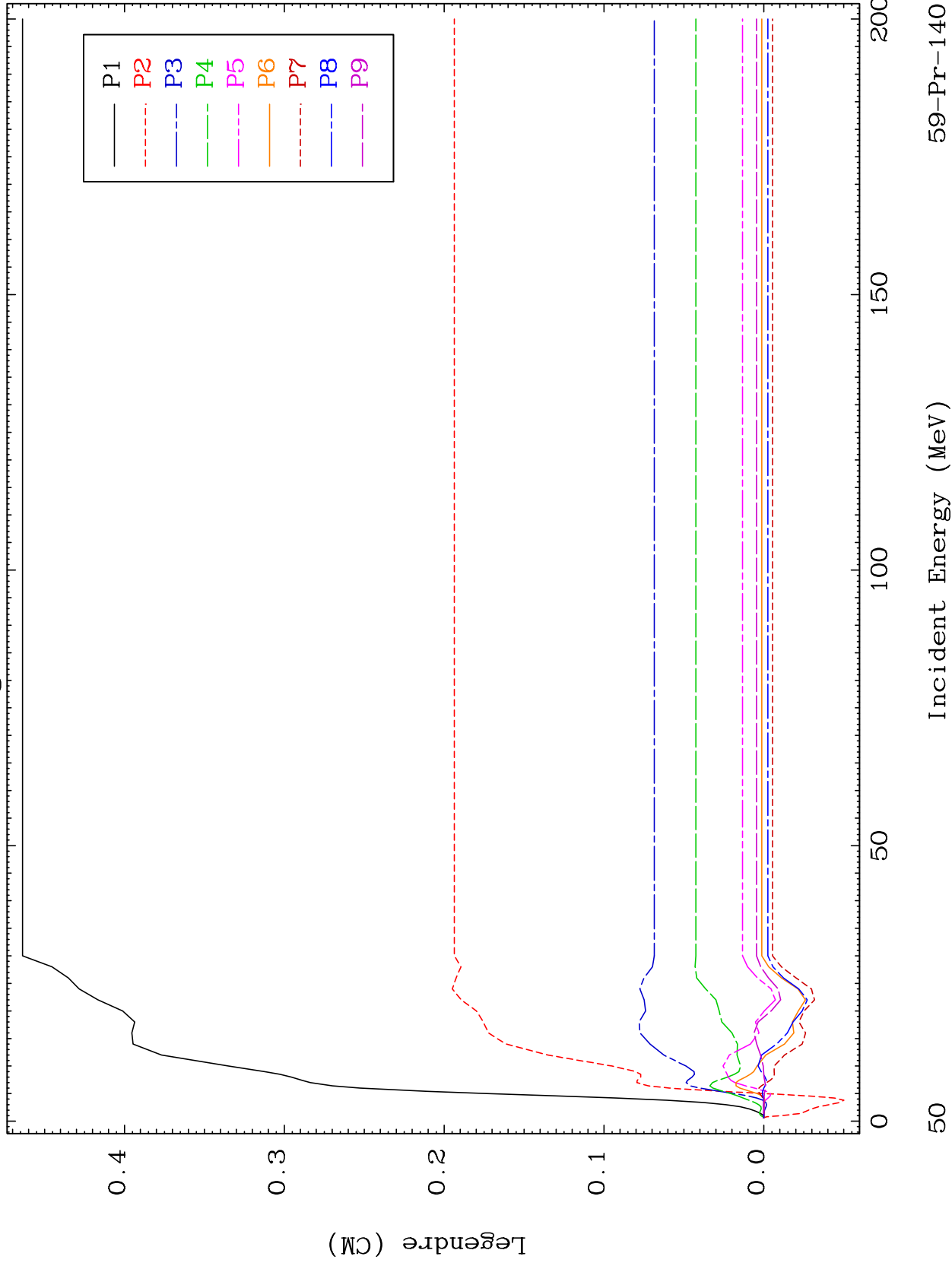




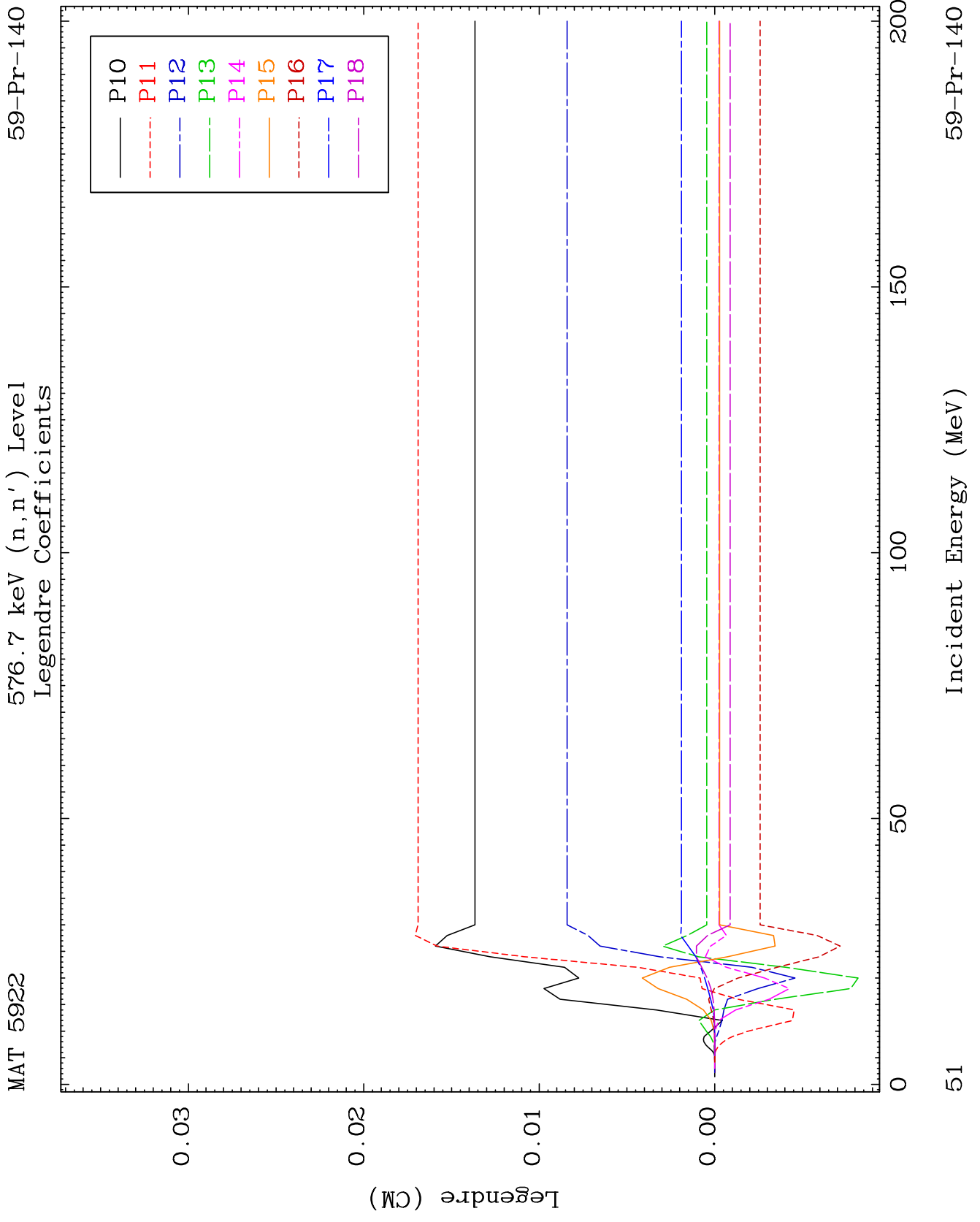
MAT 5922

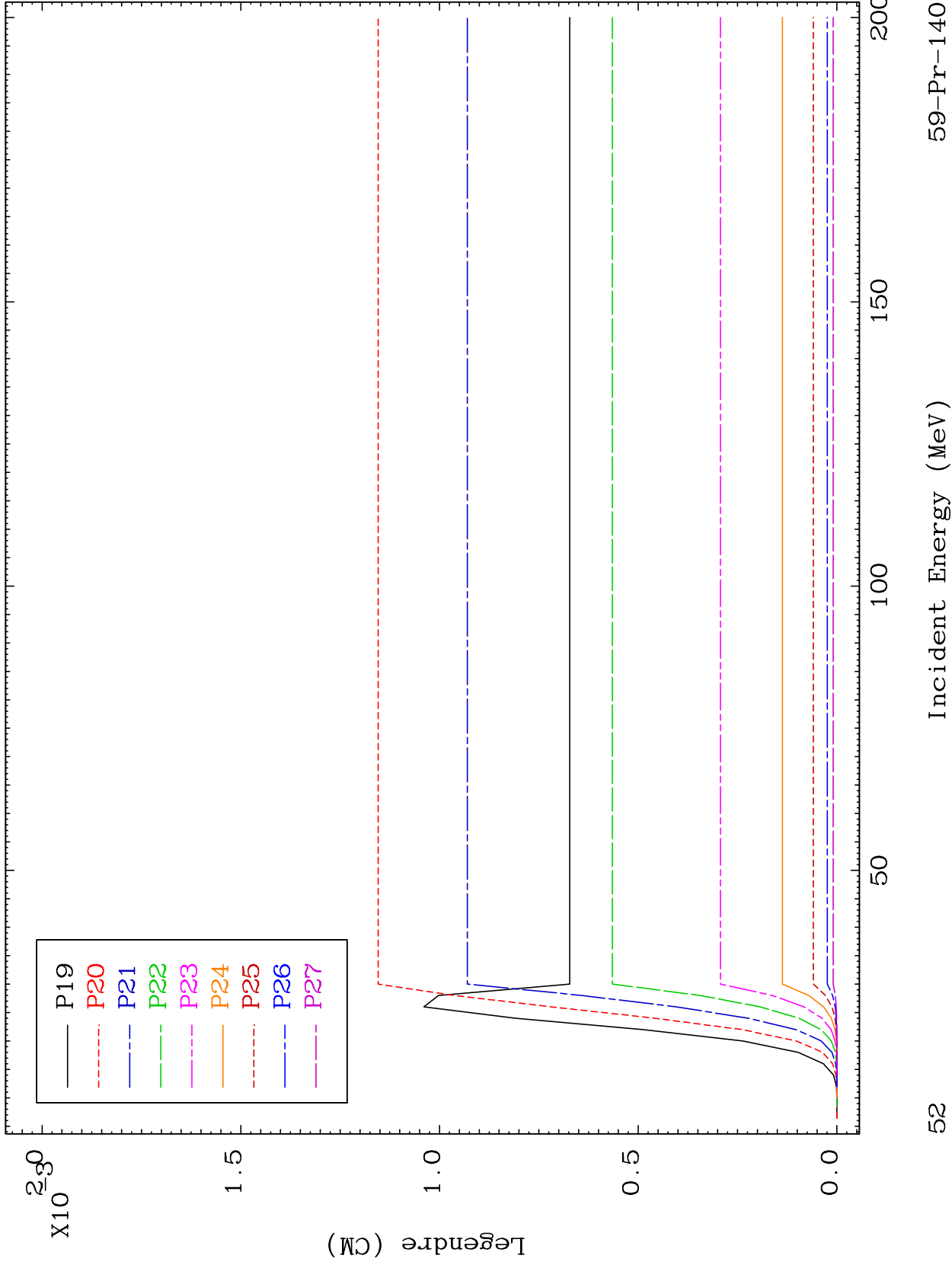
576.7 keV (n,n') Level
Legendre Coefficients

59-Pr-140



59-Pr-140

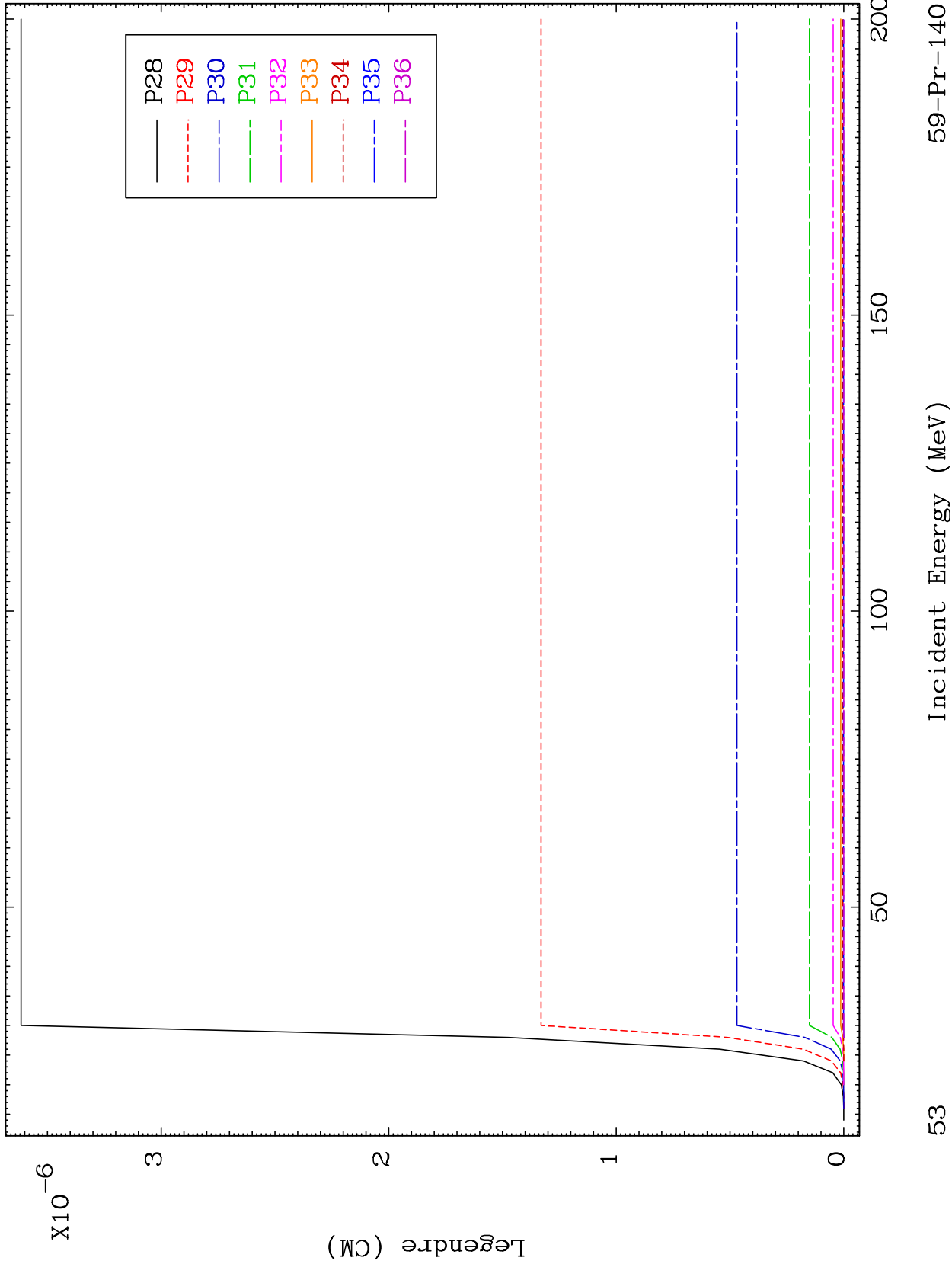


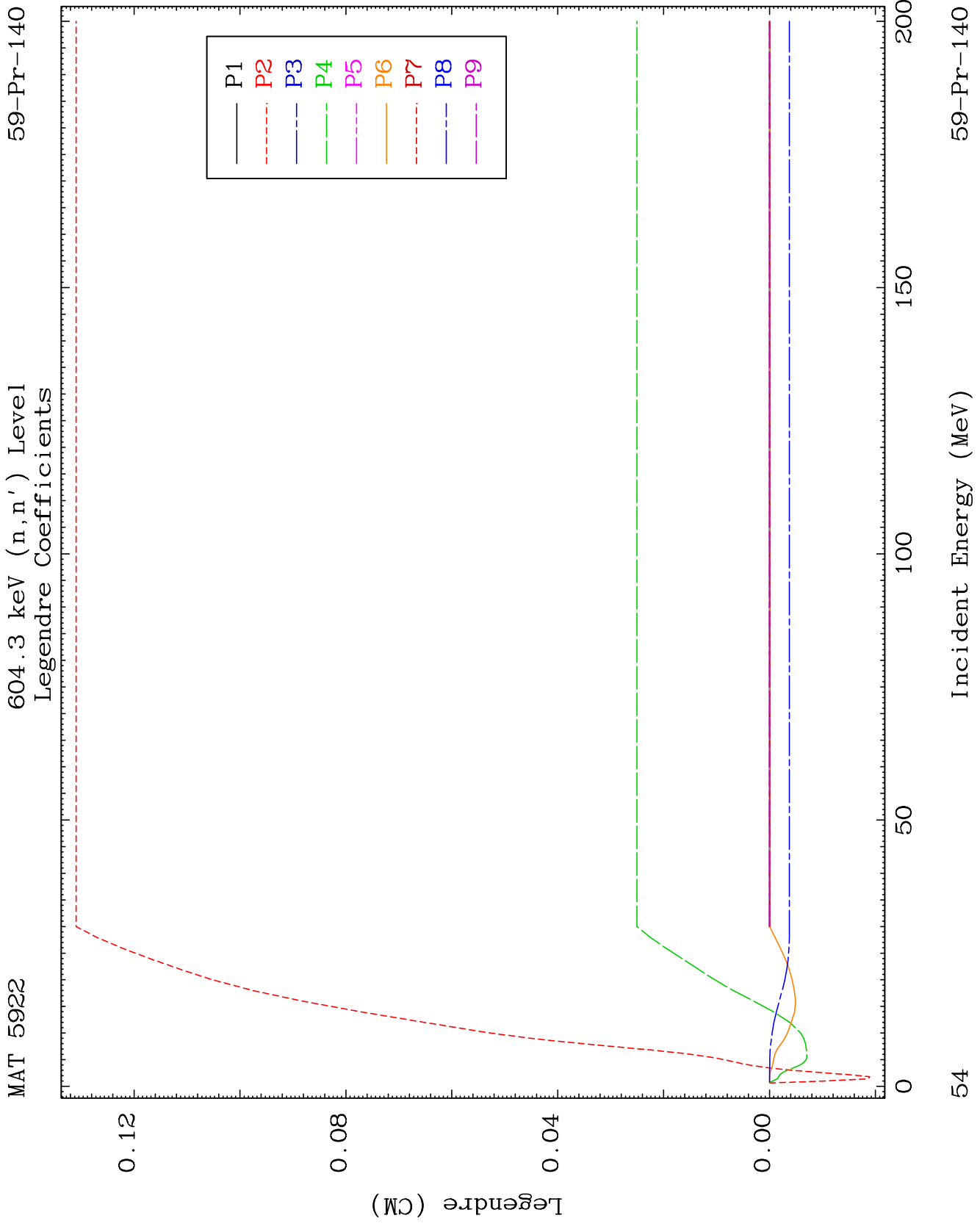


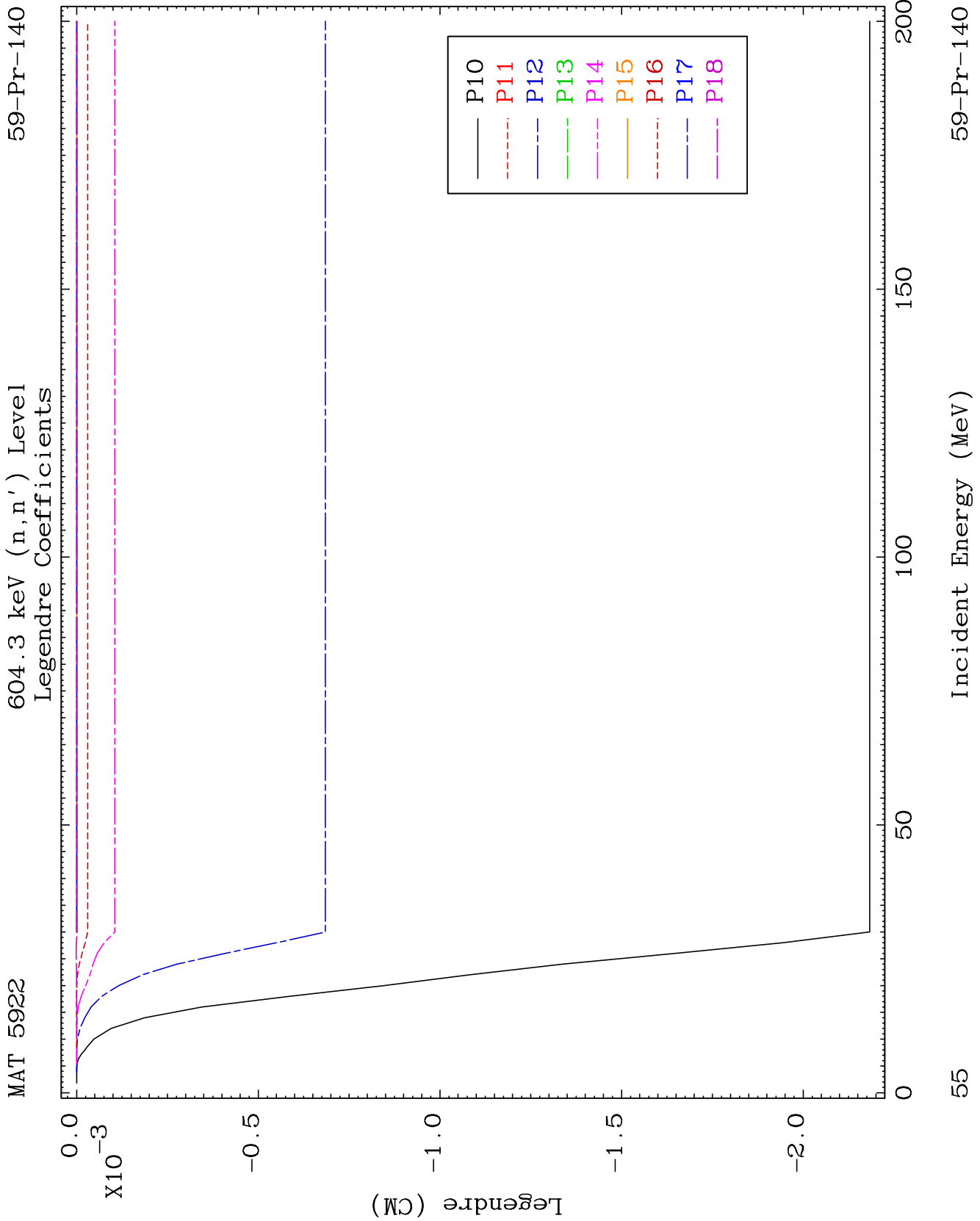
MAT 5922

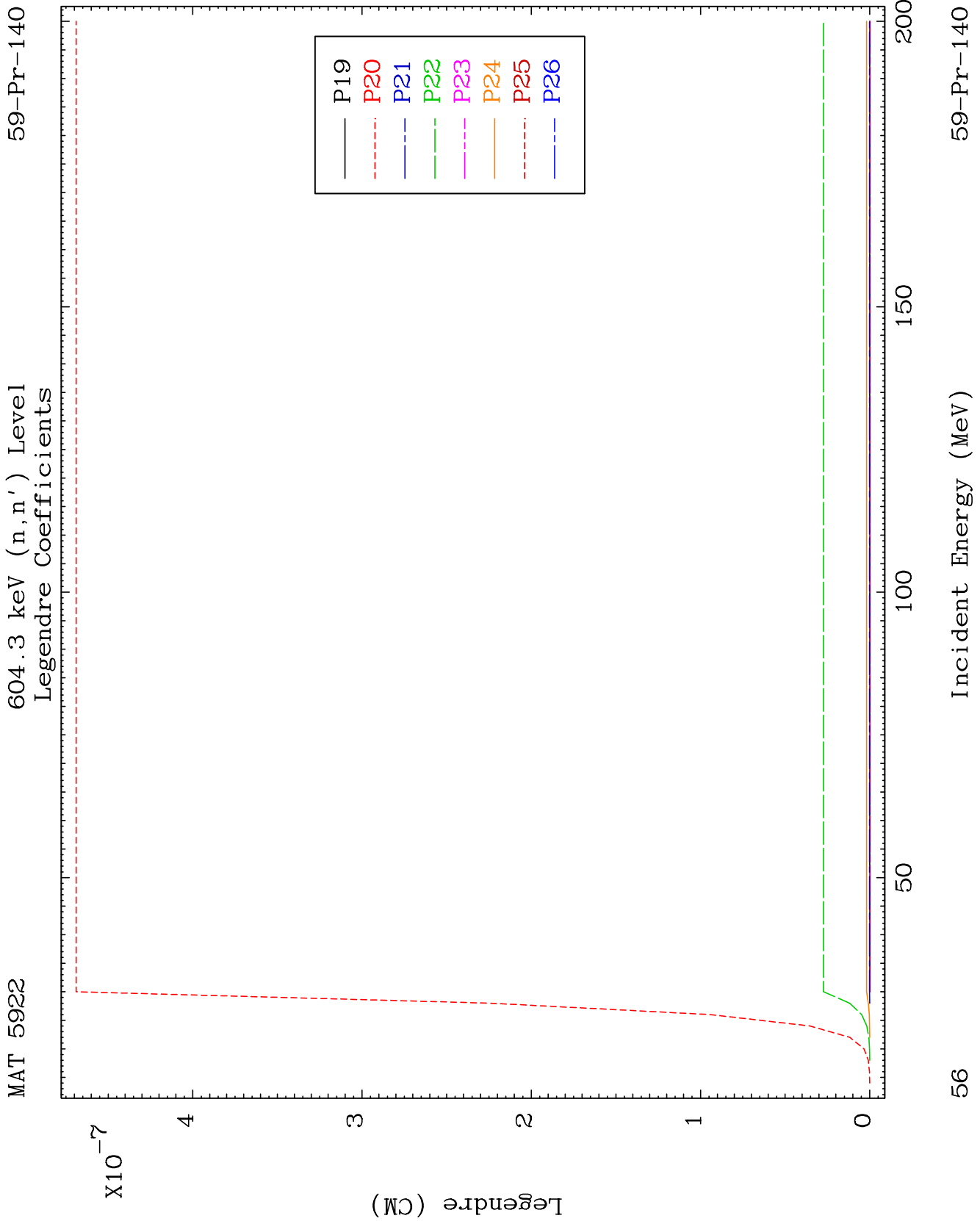
576.7 keV (n,n') Level
Legendre Coefficients

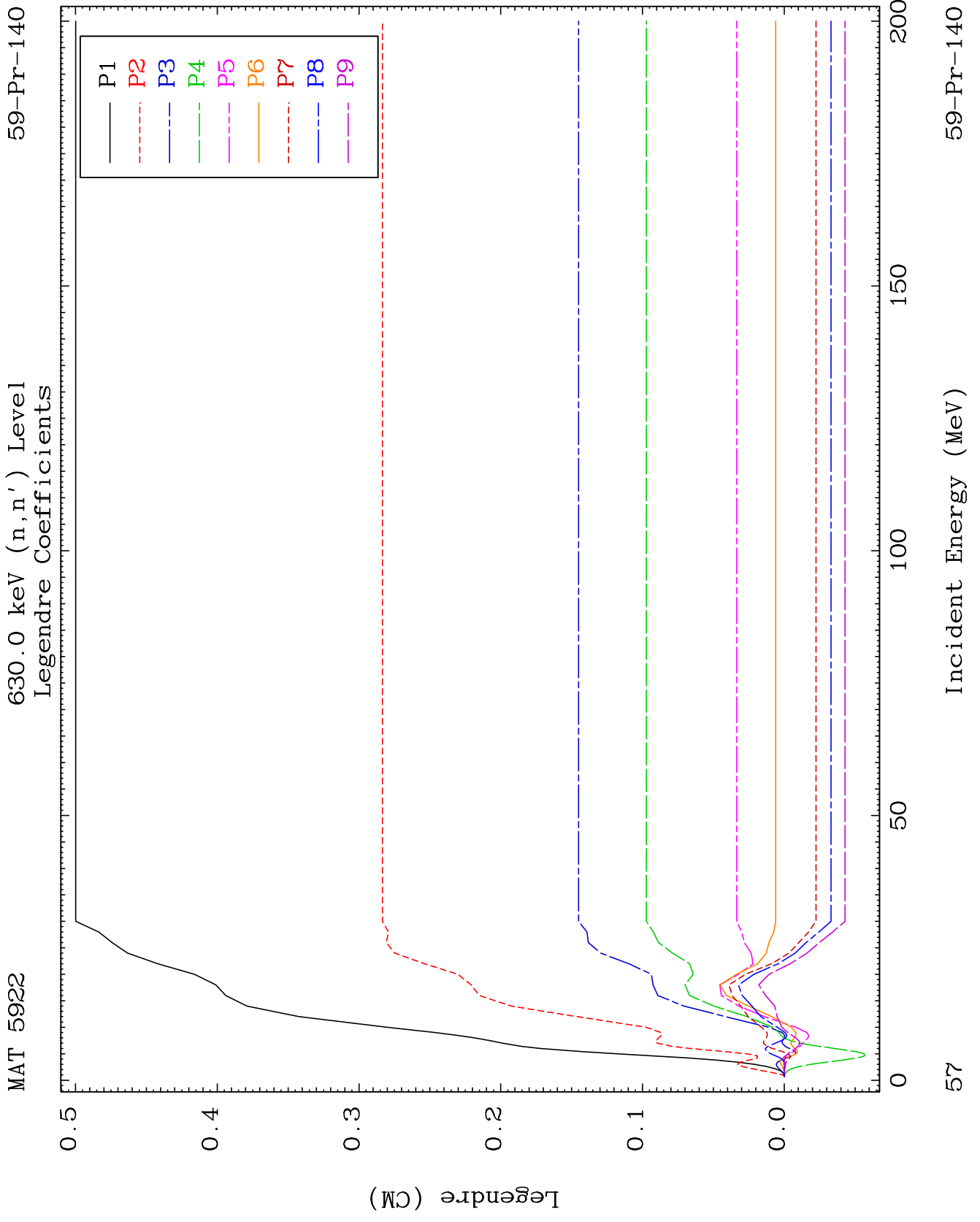
59-Pr-140







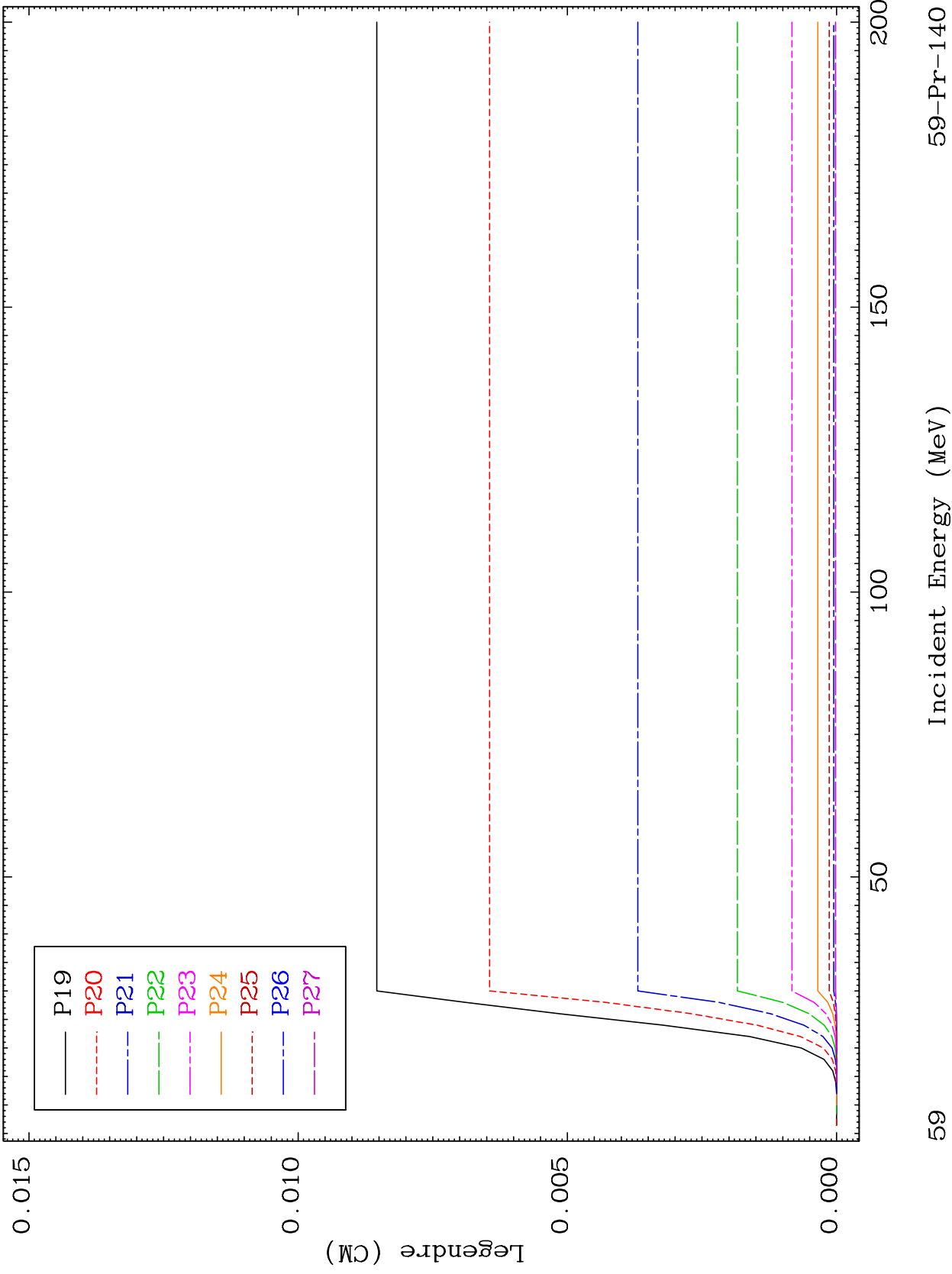




MAT 5922

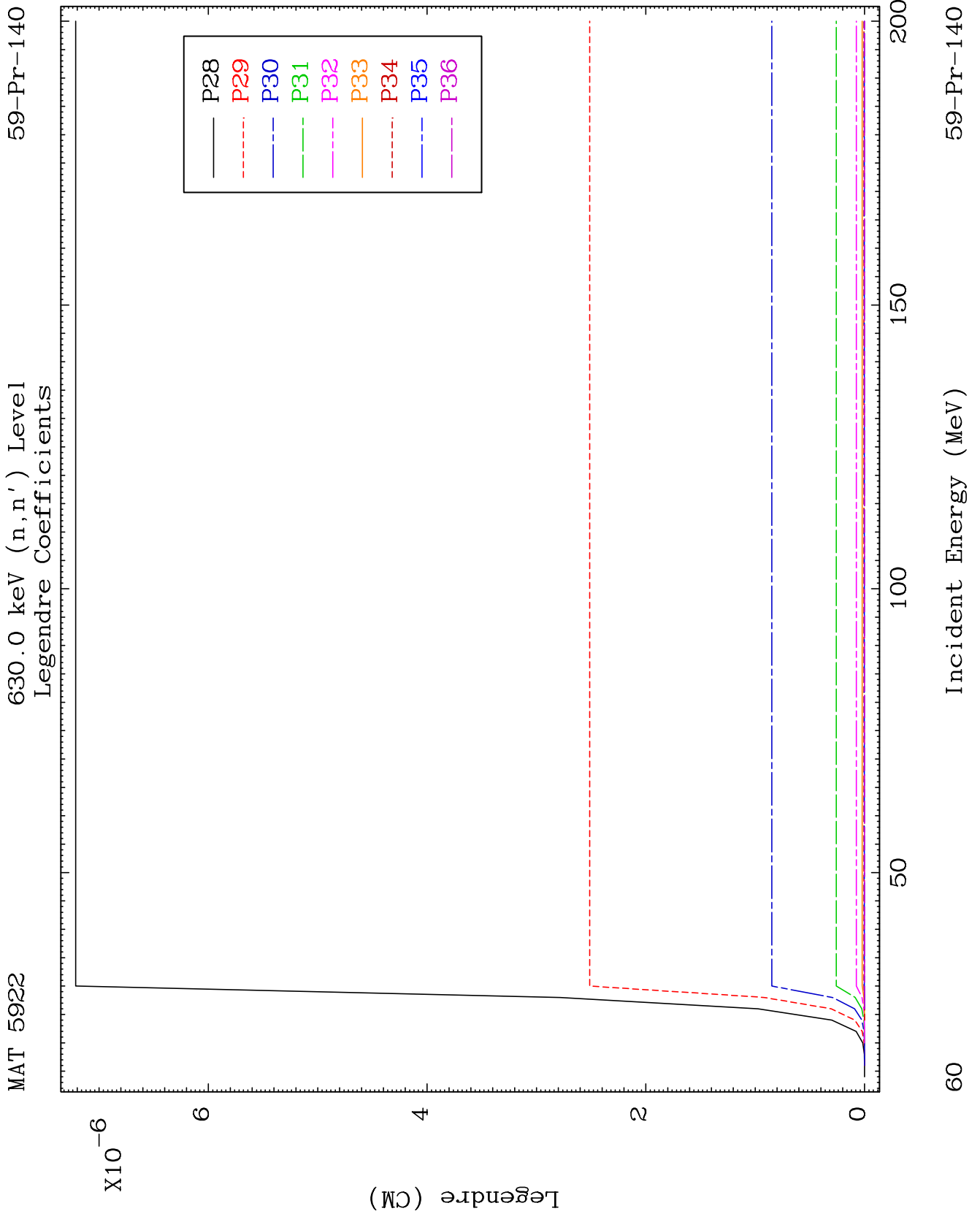
630.0 keV (n,n') Level
Legendre Coefficients

59-Pr-140



59

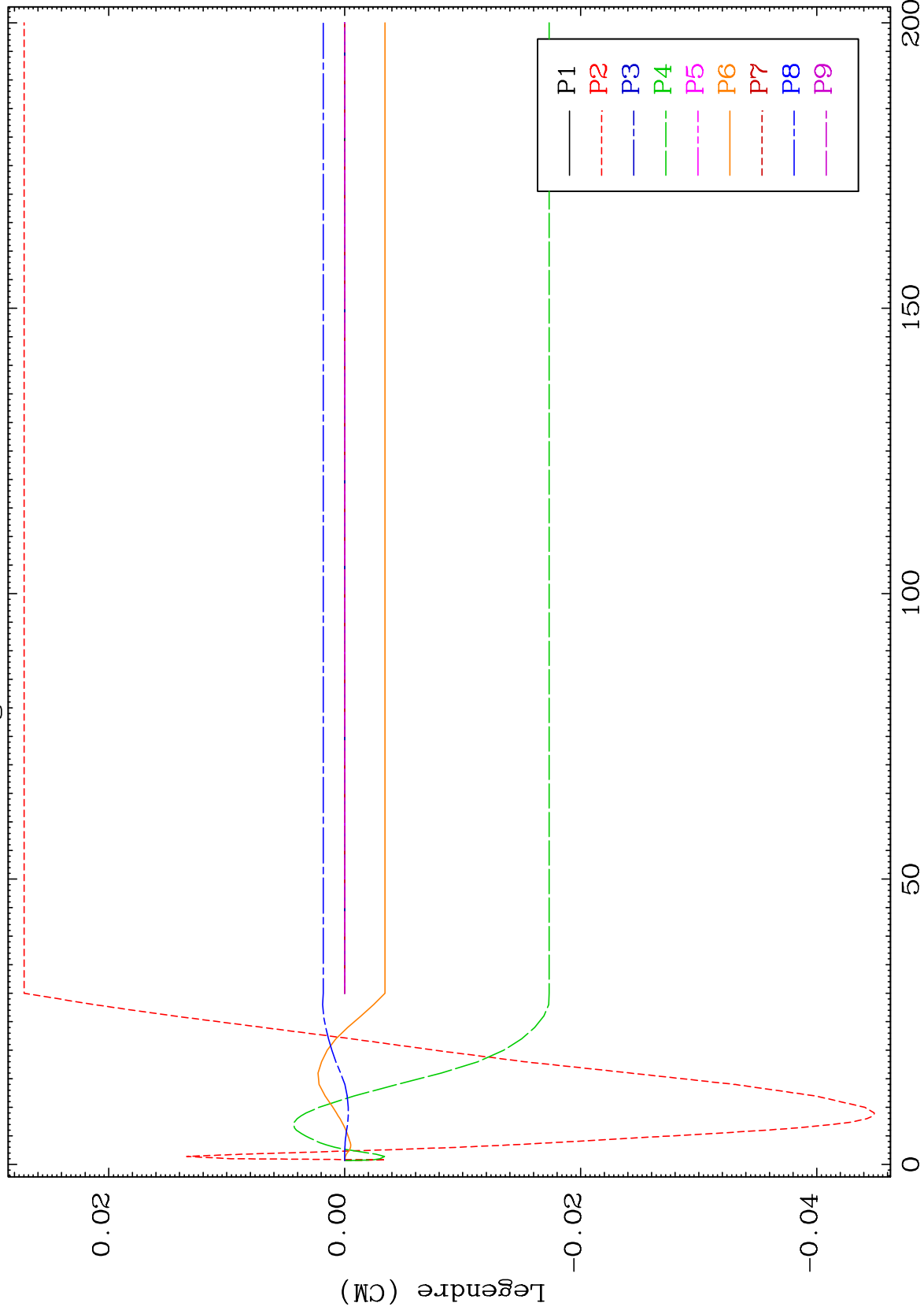
59-Pr-140



MAT 5922

642.0 keV (n,n') Level
Legendre Coefficients

59-Pr-140



61

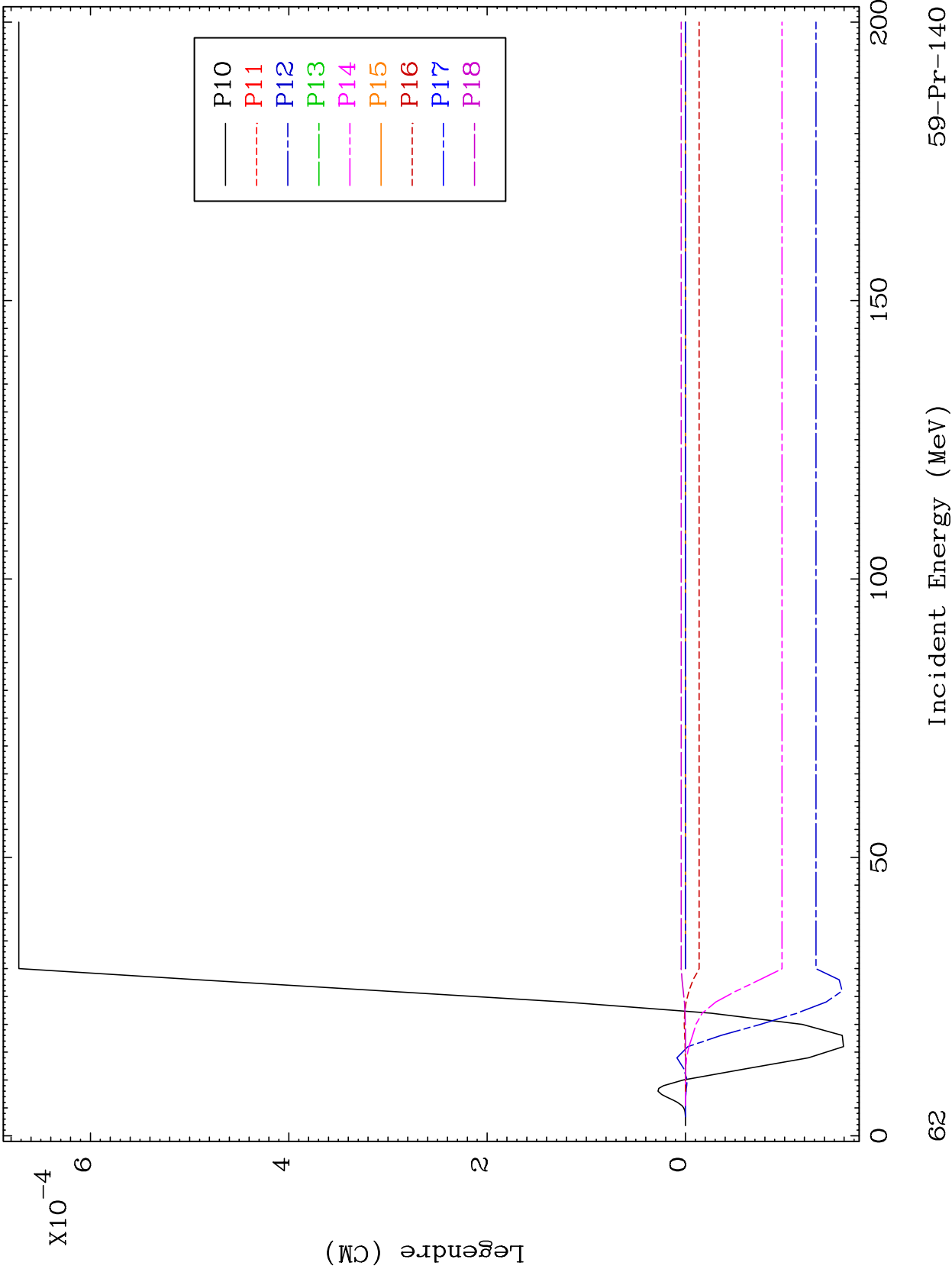
Incident Energy (MeV)

59-Pr-140

MAT 5922

642.0 keV (n,n') Level
Legendre Coefficients

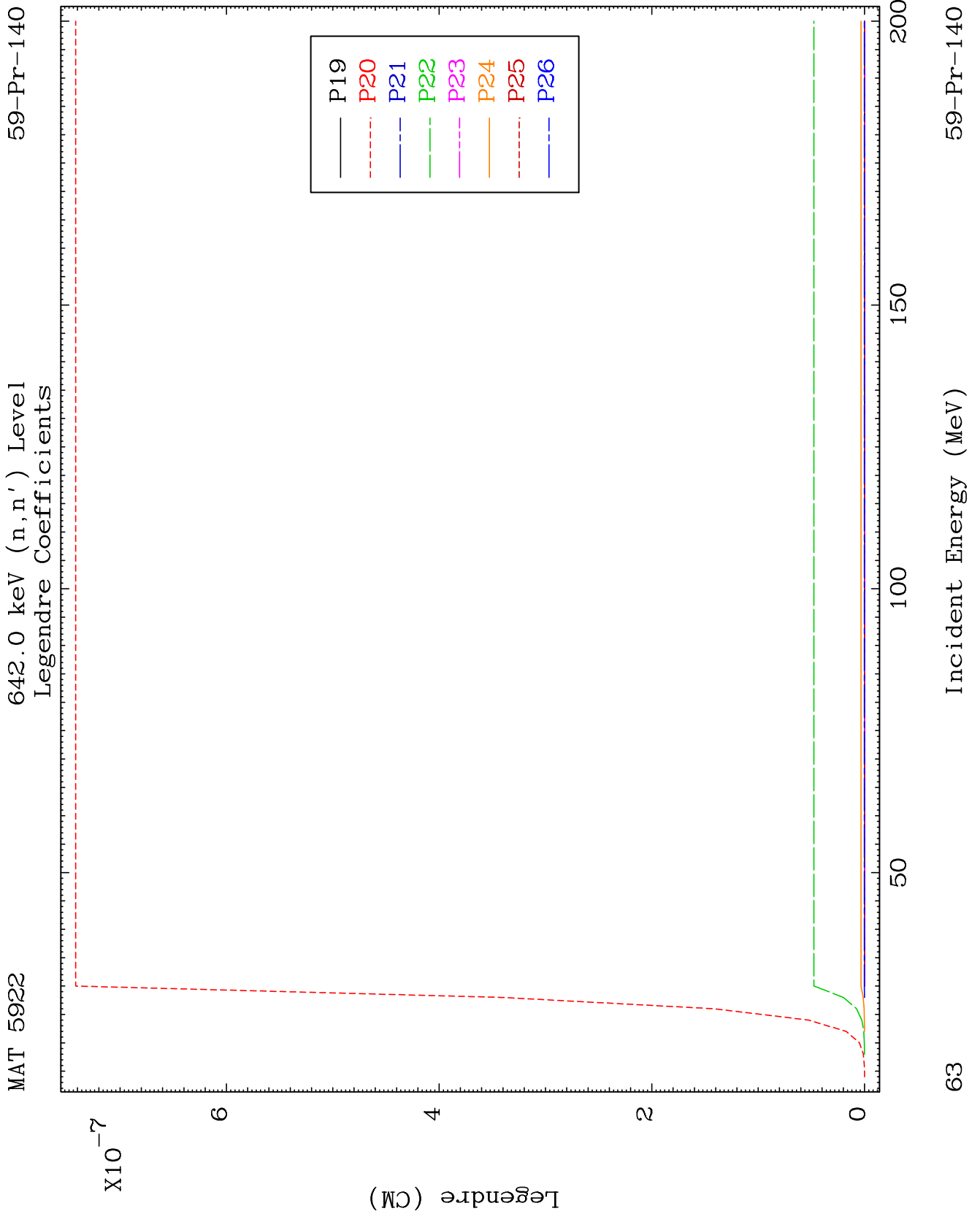
59-Pr-140



59-Pr-140

Incident Energy (MeV)

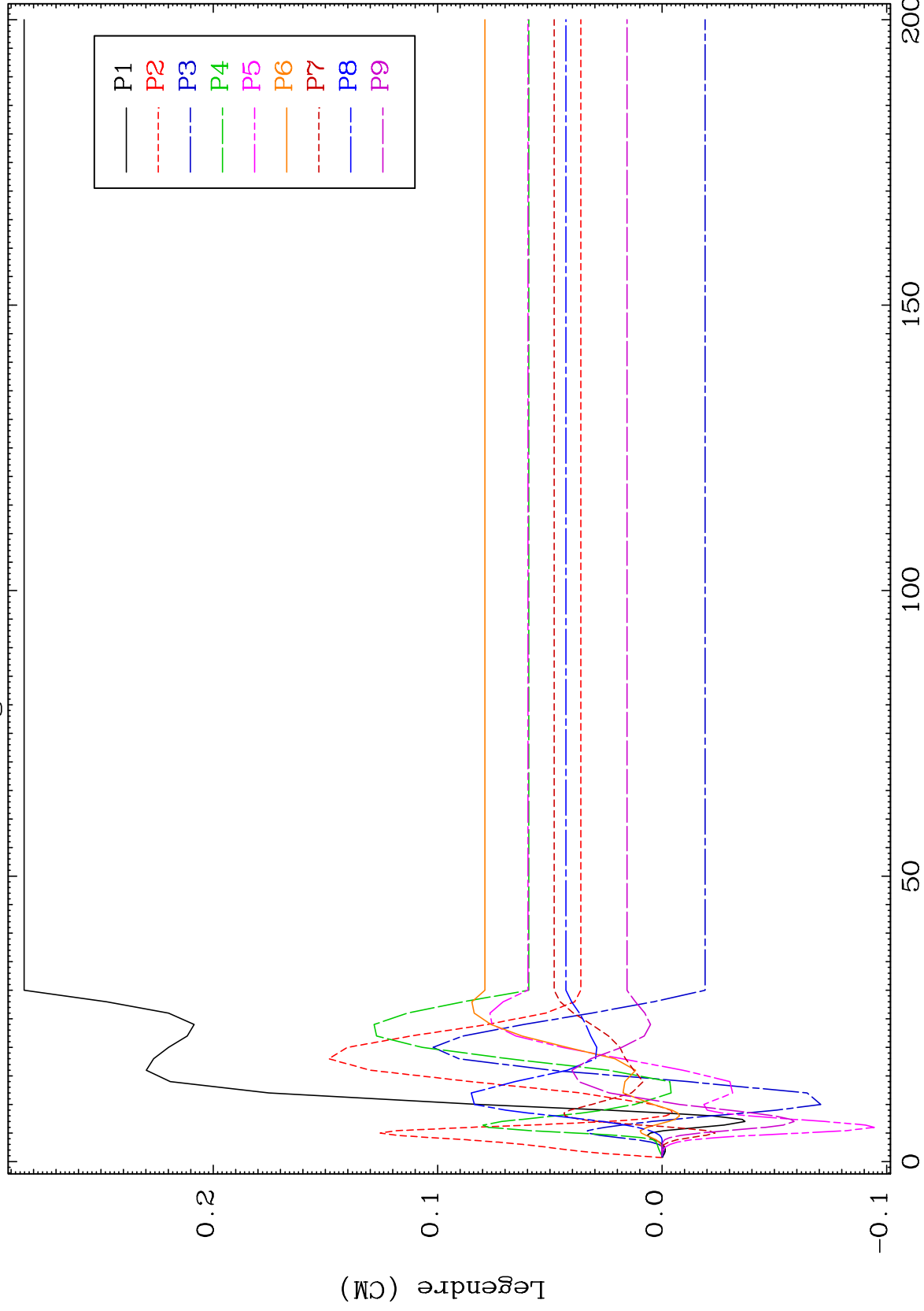
62



MAT 5922

670.2 keV (n,n') Level
Legendre Coefficients

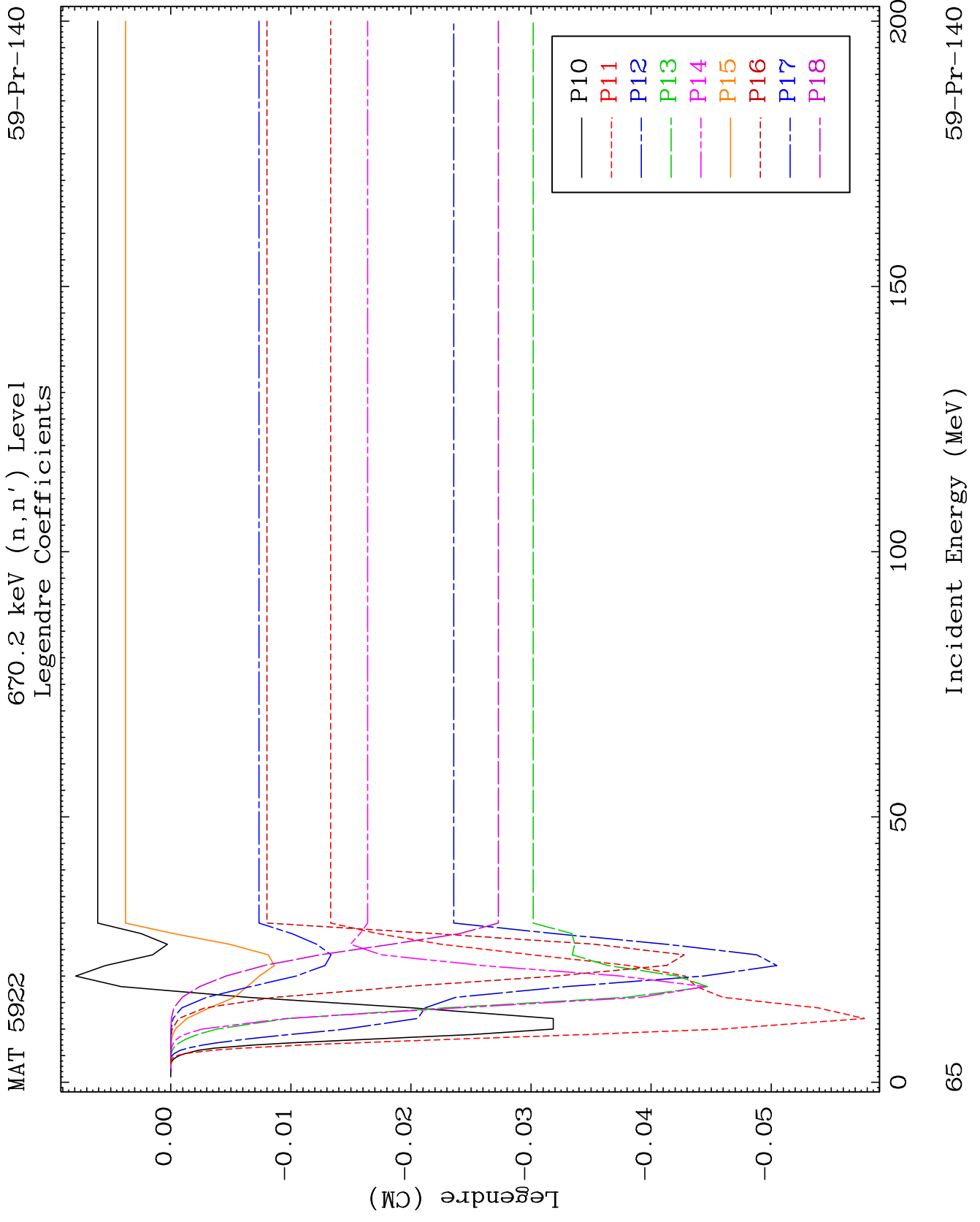
59-Pr-140

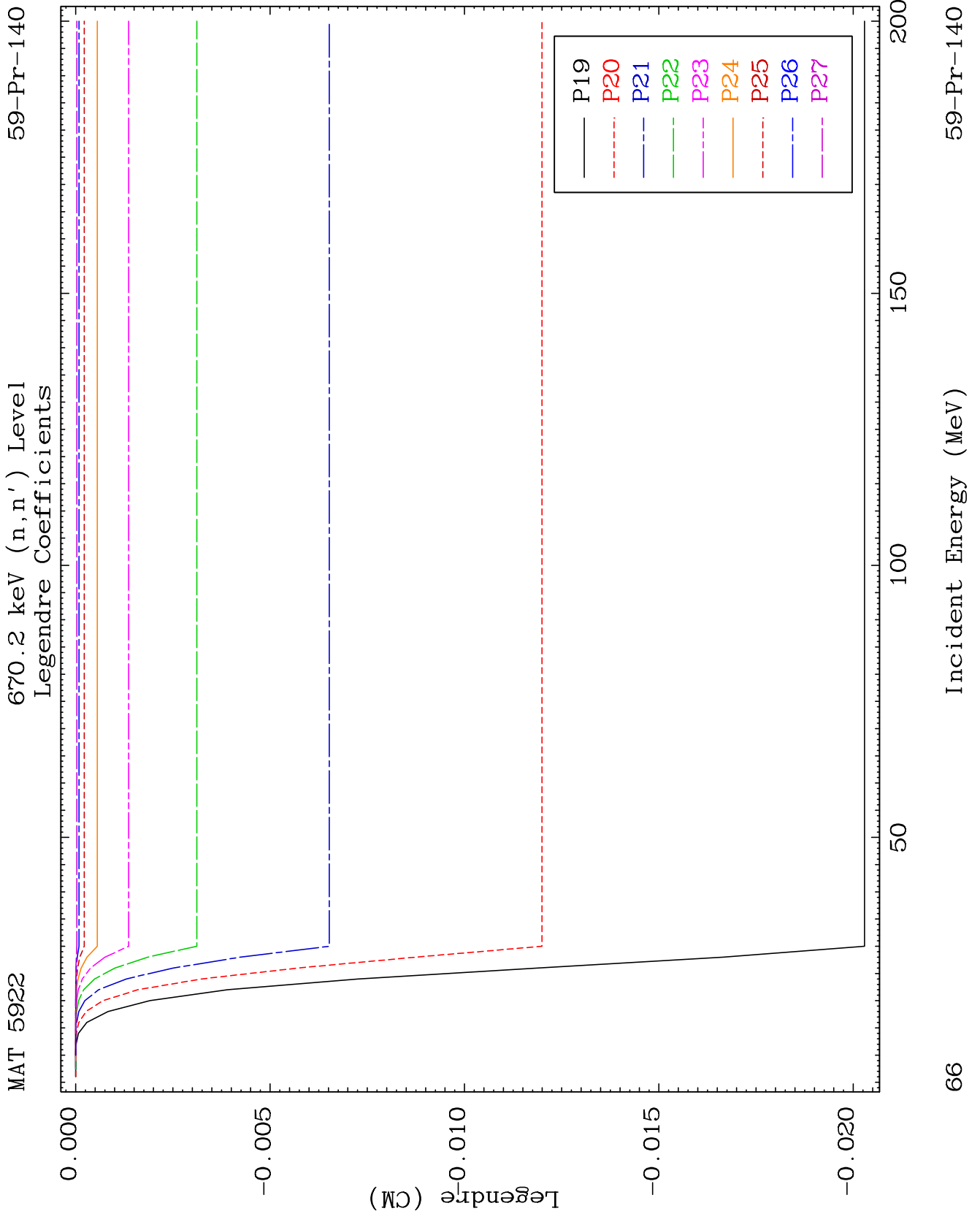


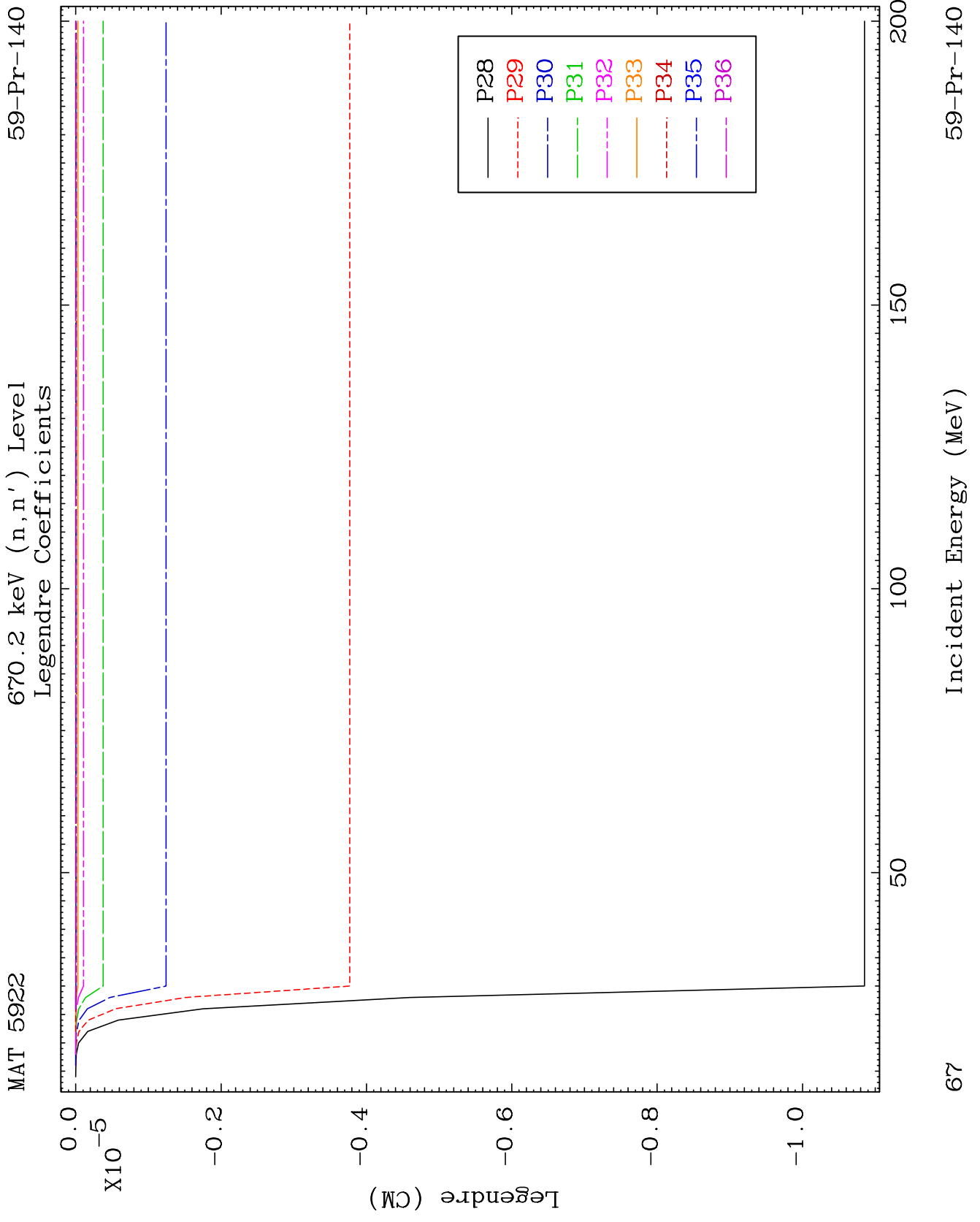
64

Incident Energy (MeV)

59-Pr-140



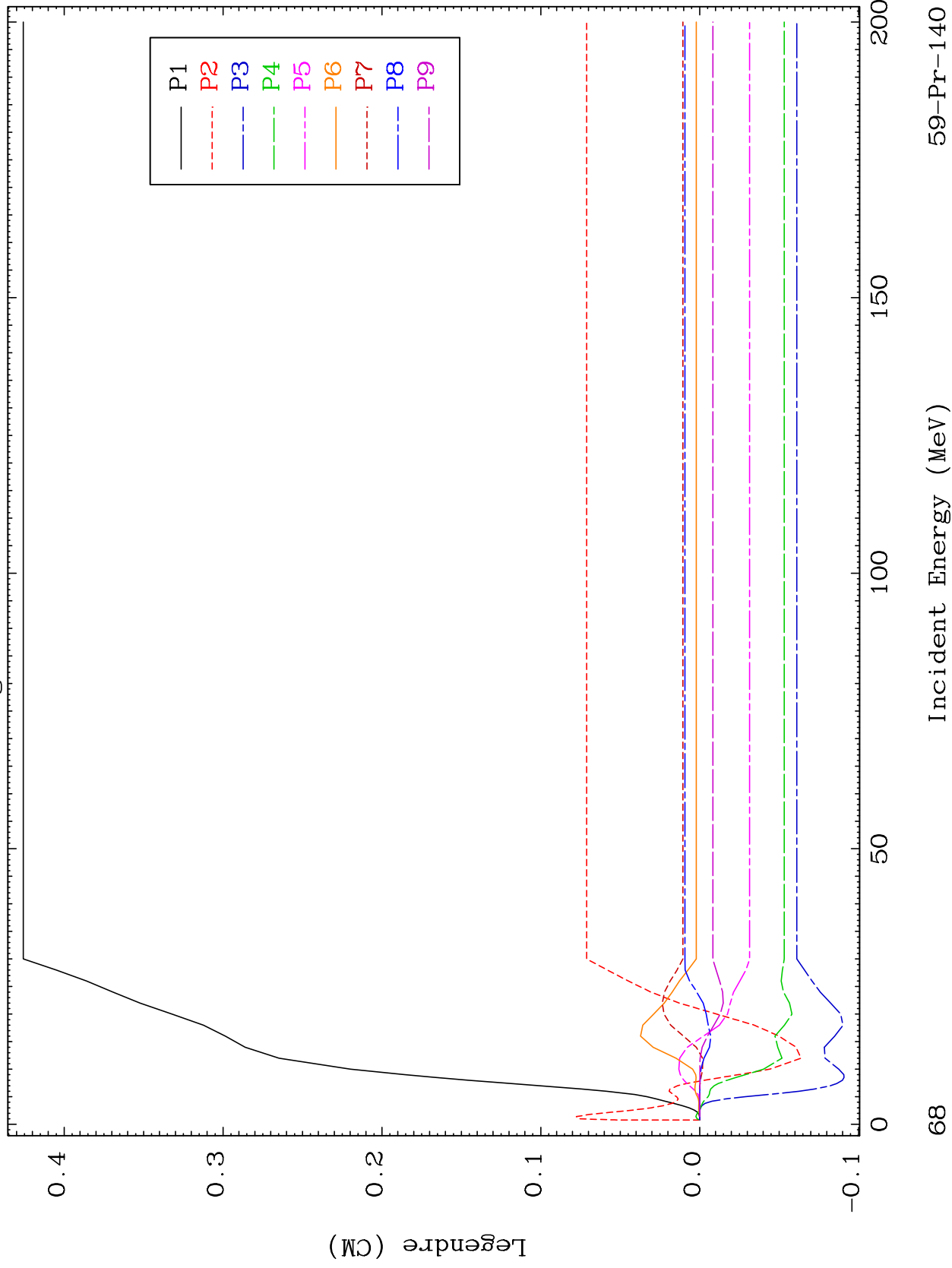




MAT 5922

763.7 keV (n,n') Level
Legendre Coefficients

59-Pr-140



59-Pr-140

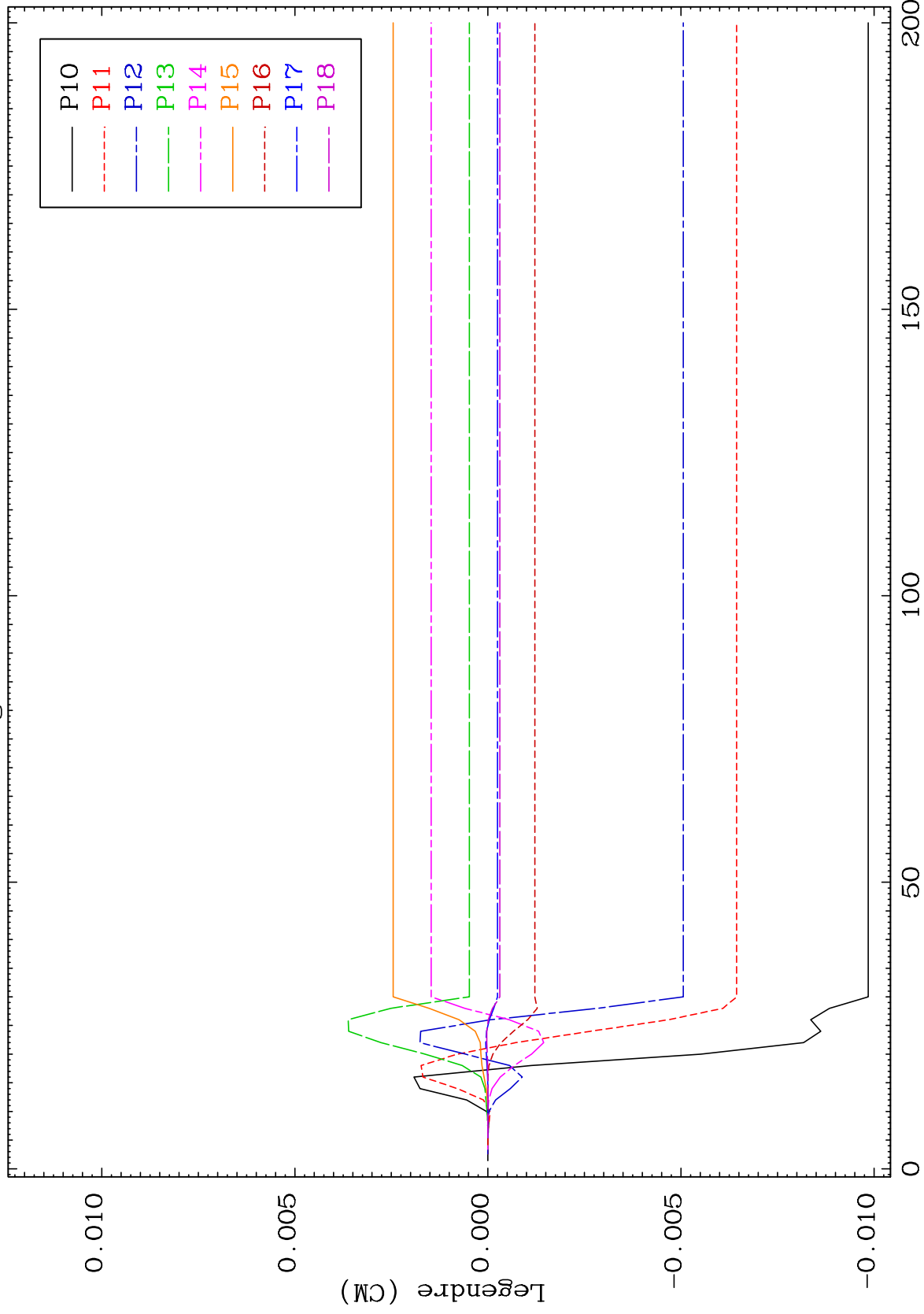
Incident Energy (MeV)

68

MAT 5922

763.7 keV (n,n') Level
Legendre Coefficients

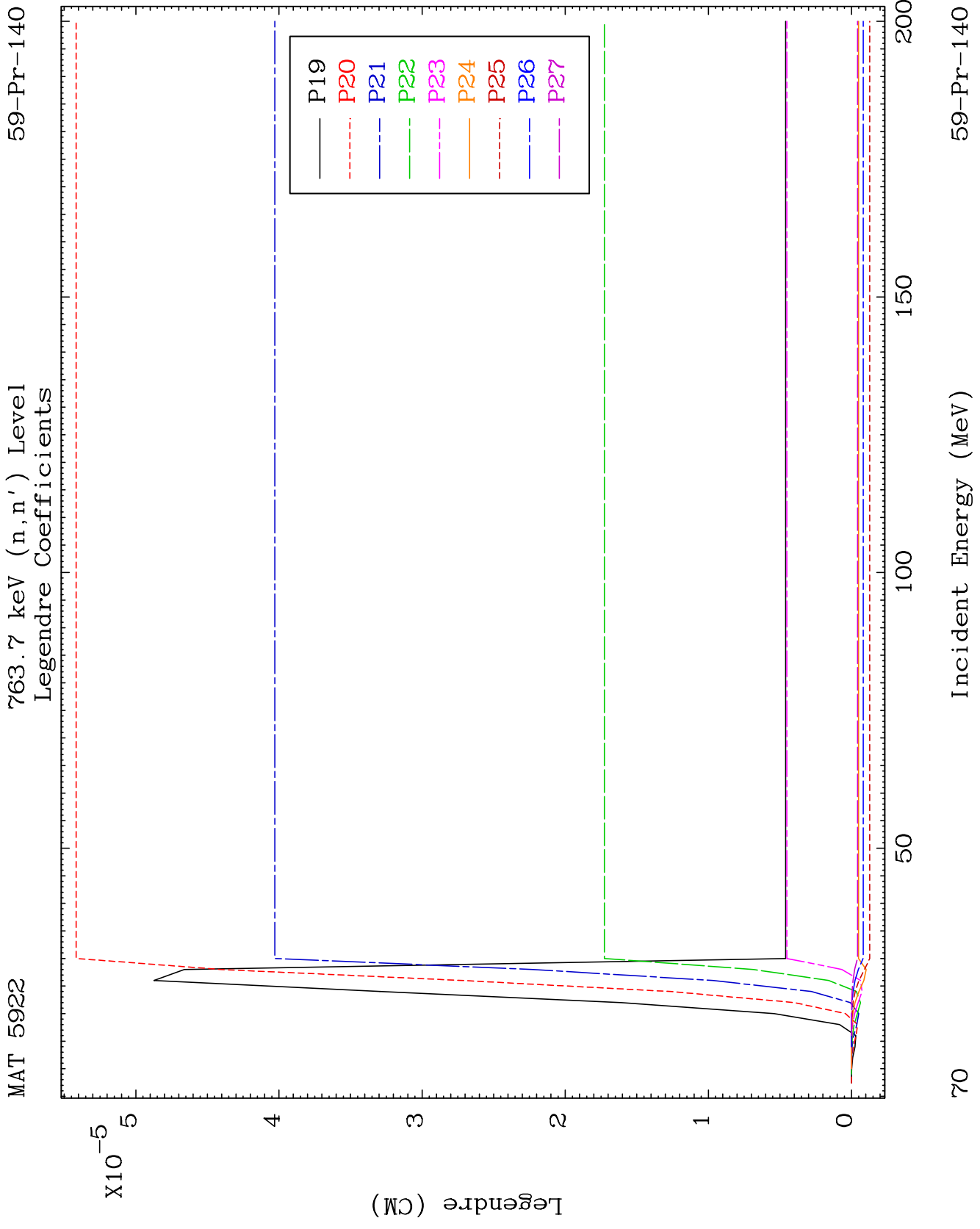
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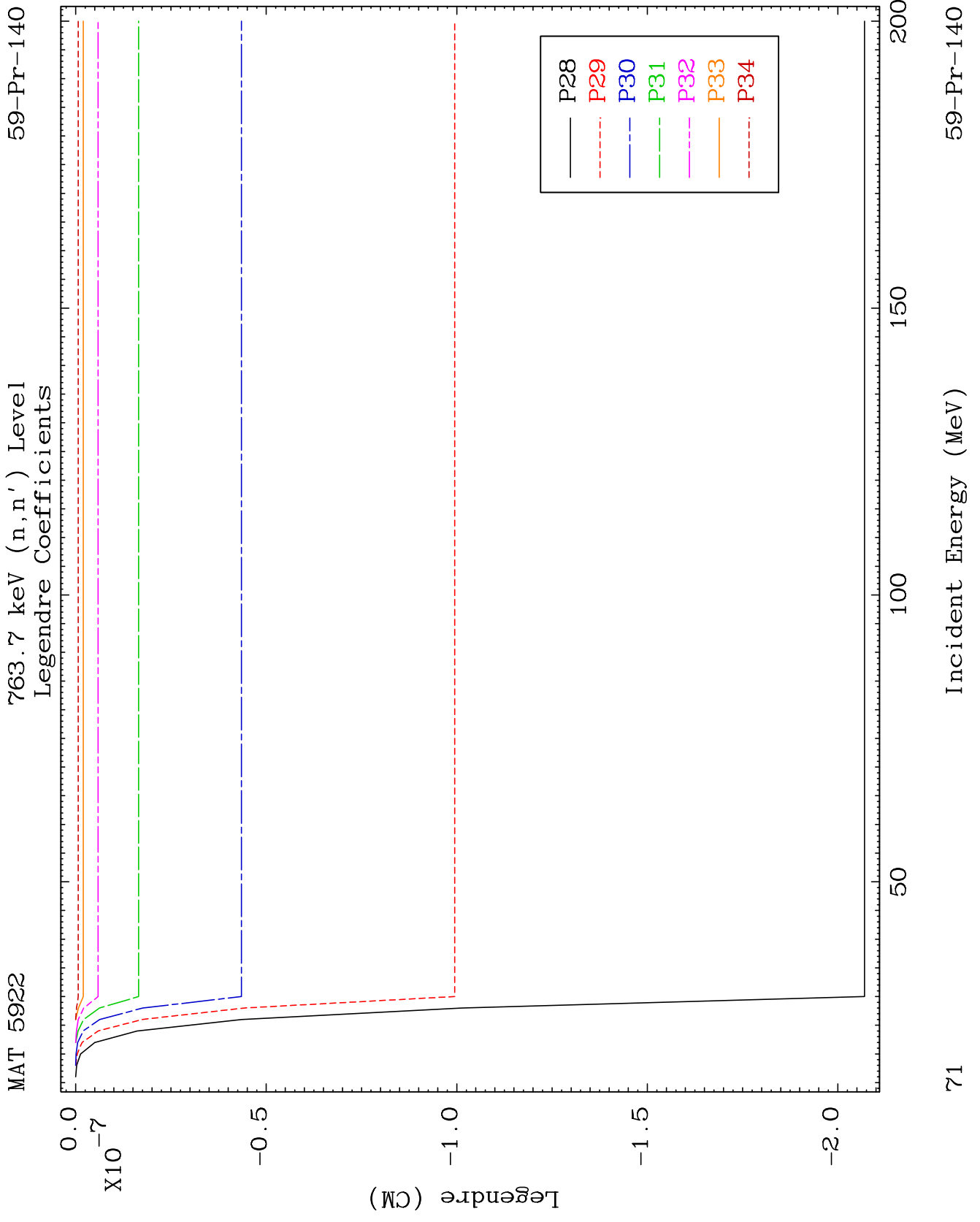


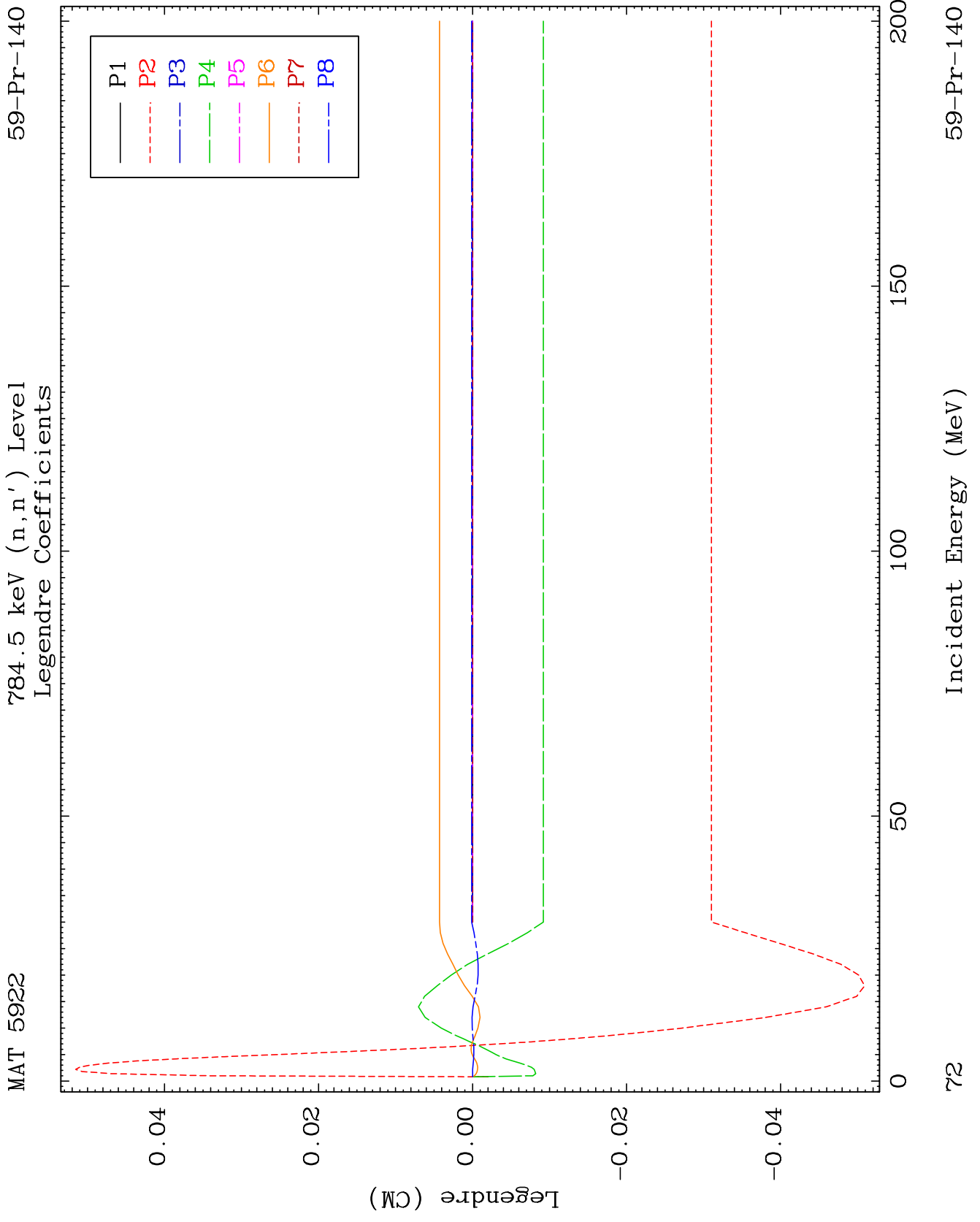
69

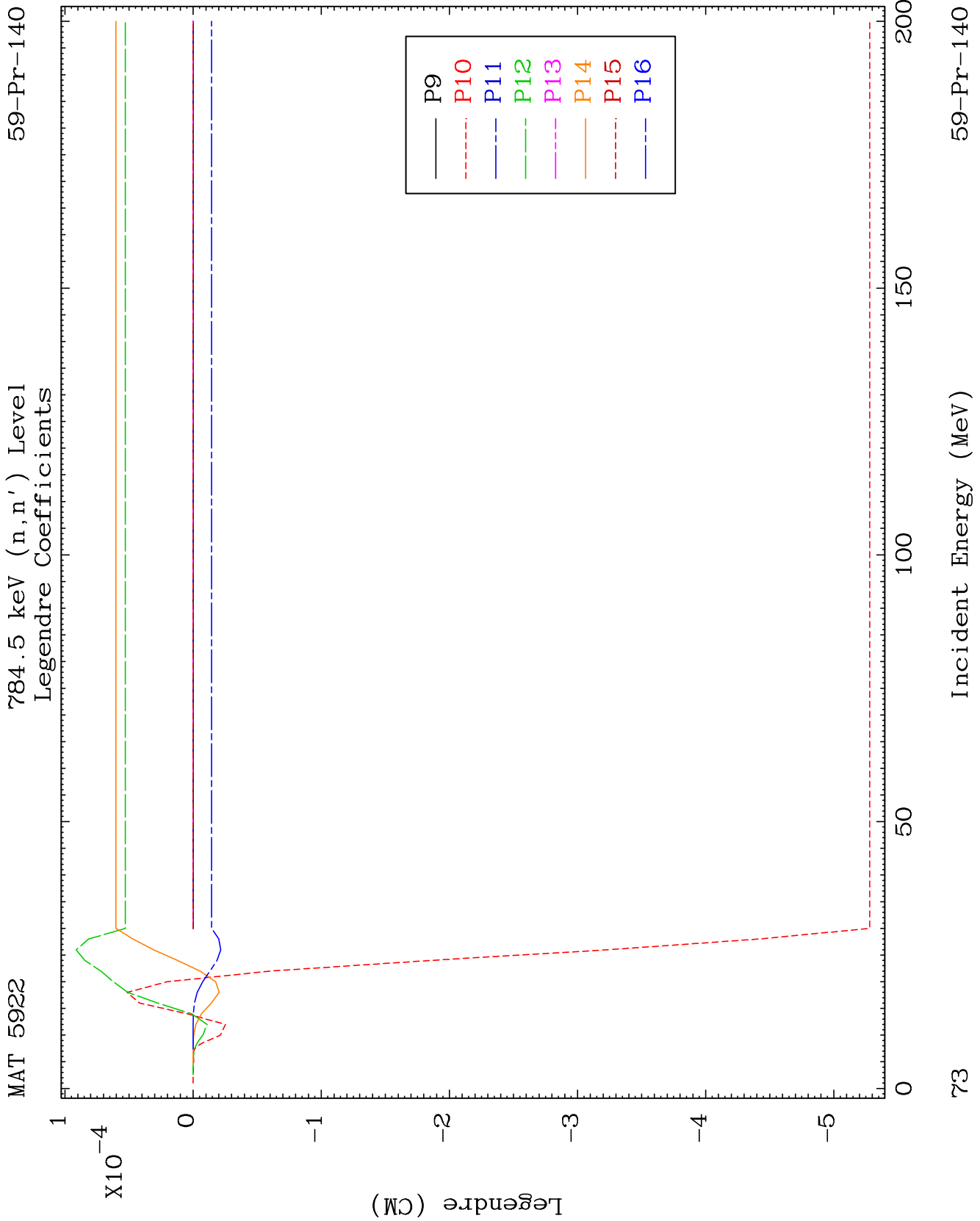
Incident Energy (MeV)

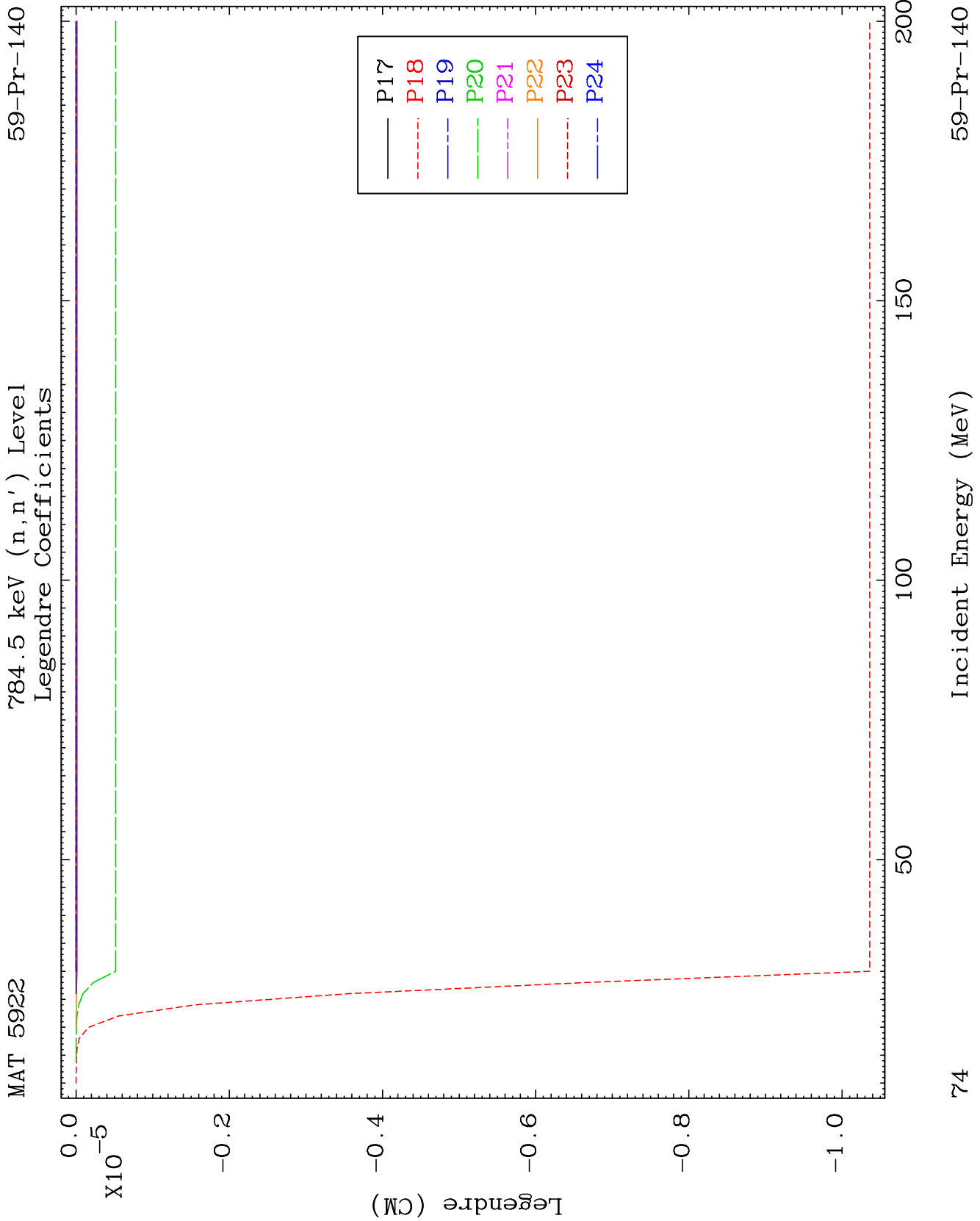
59-Pr-140

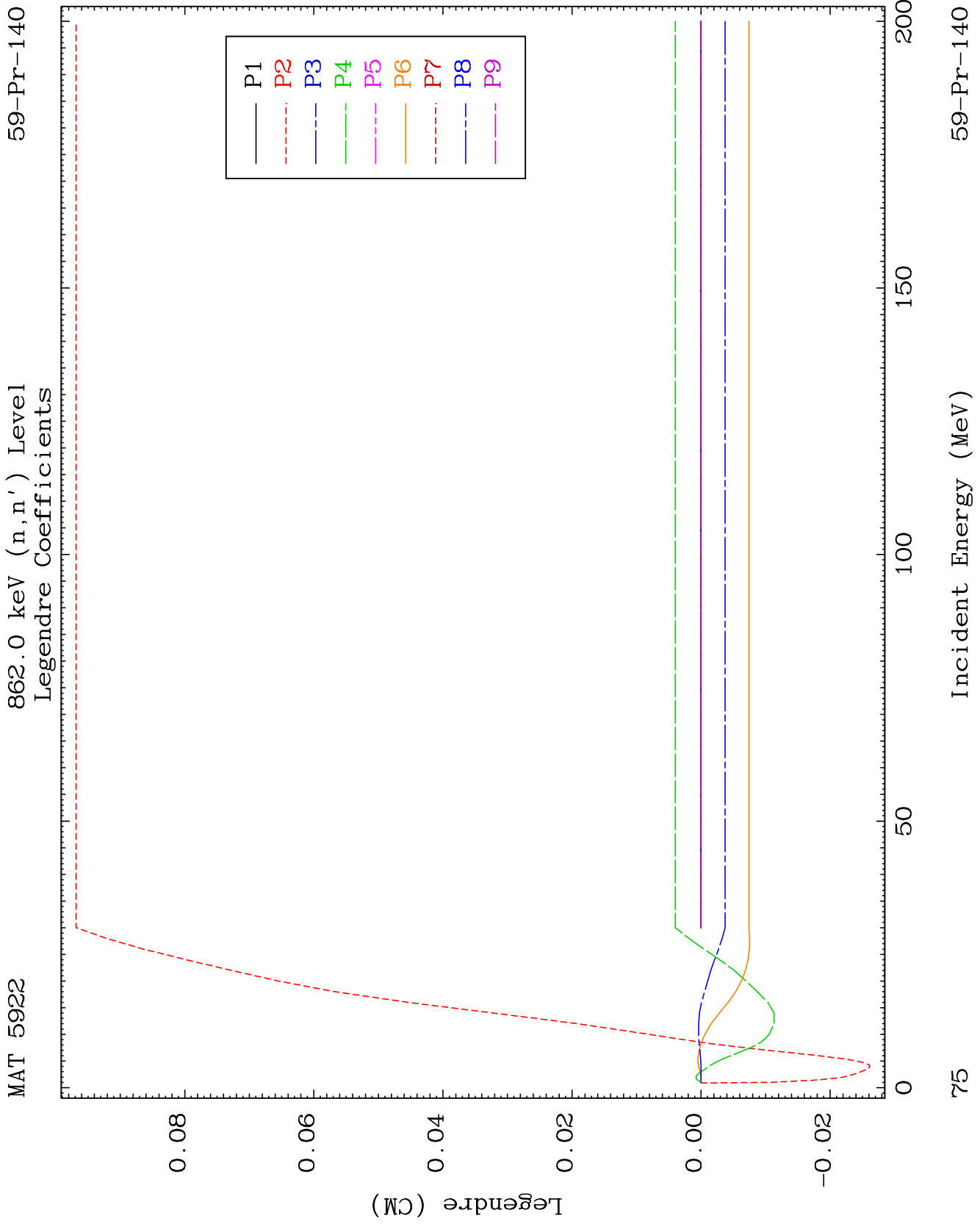








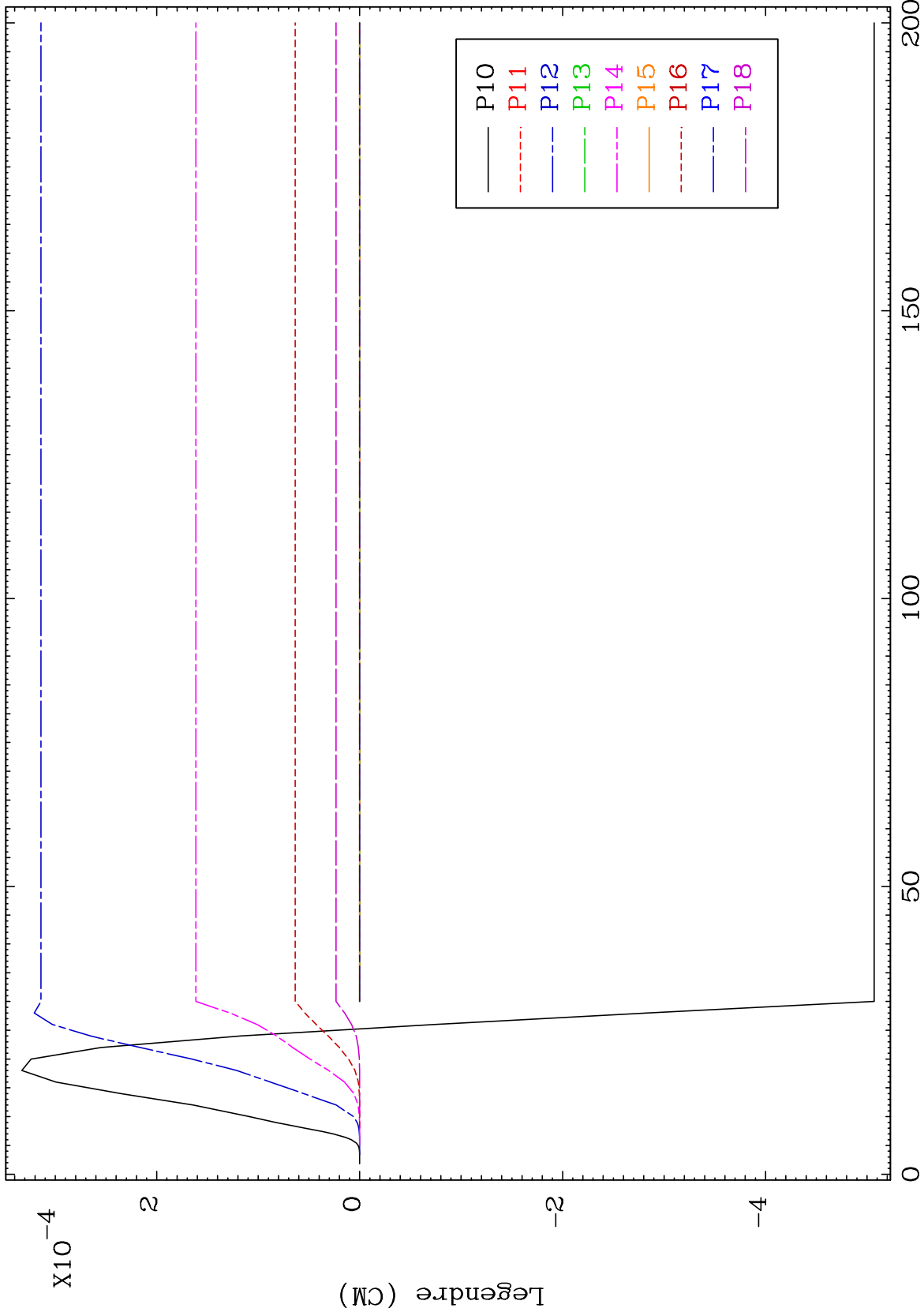




MAT 5922

862.0 keV (n,n') Level
Legendre Coefficients

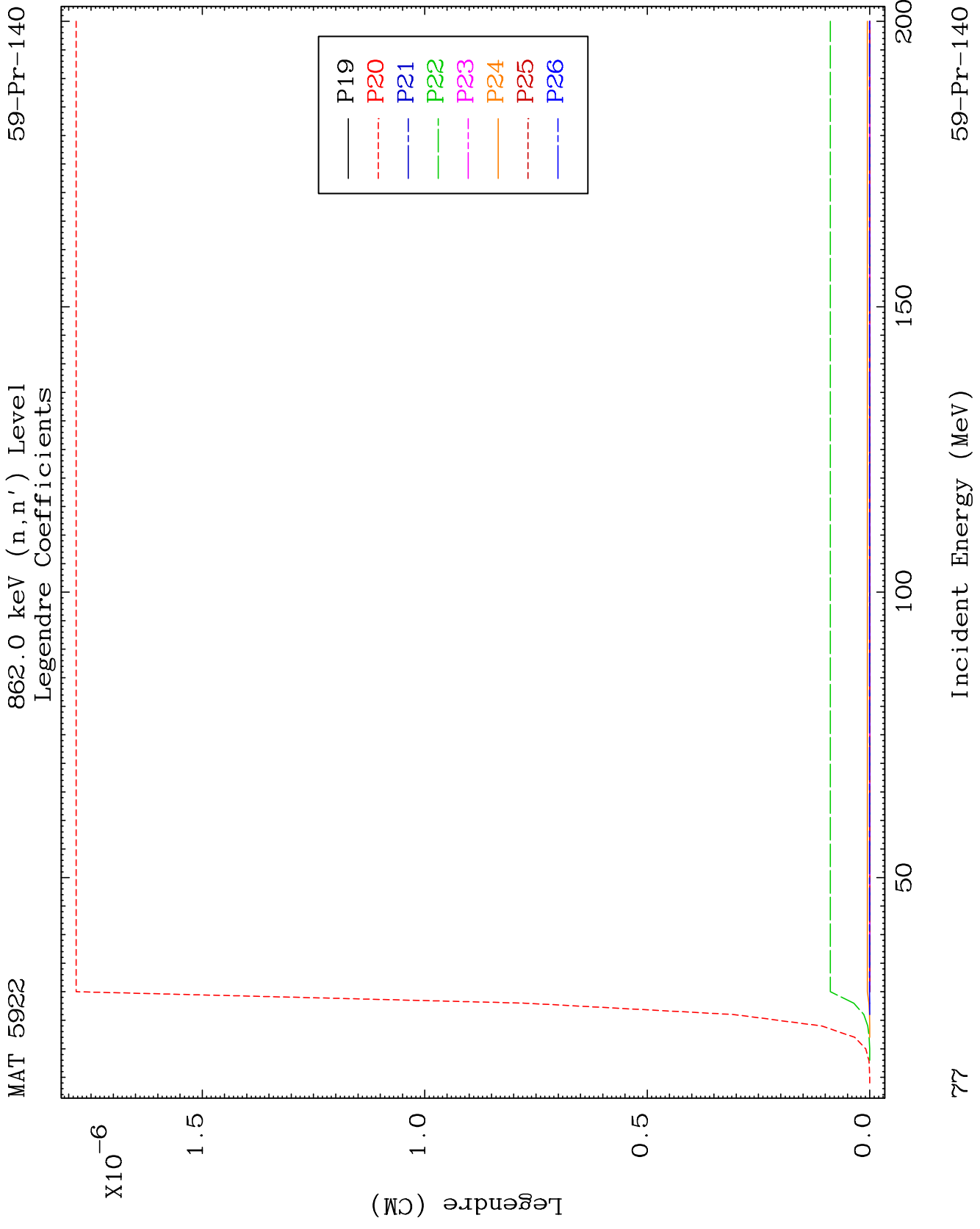
59-Pr-140

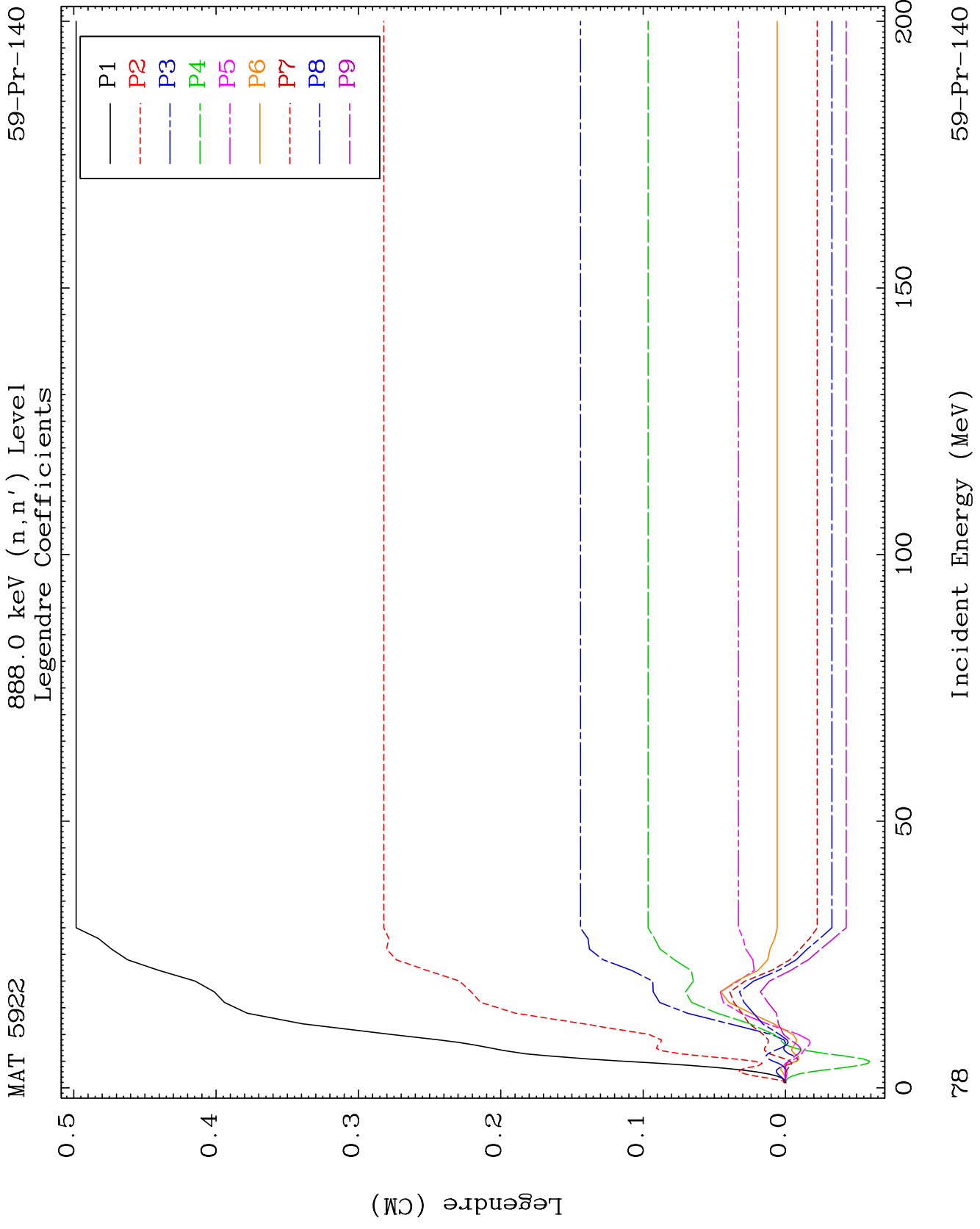


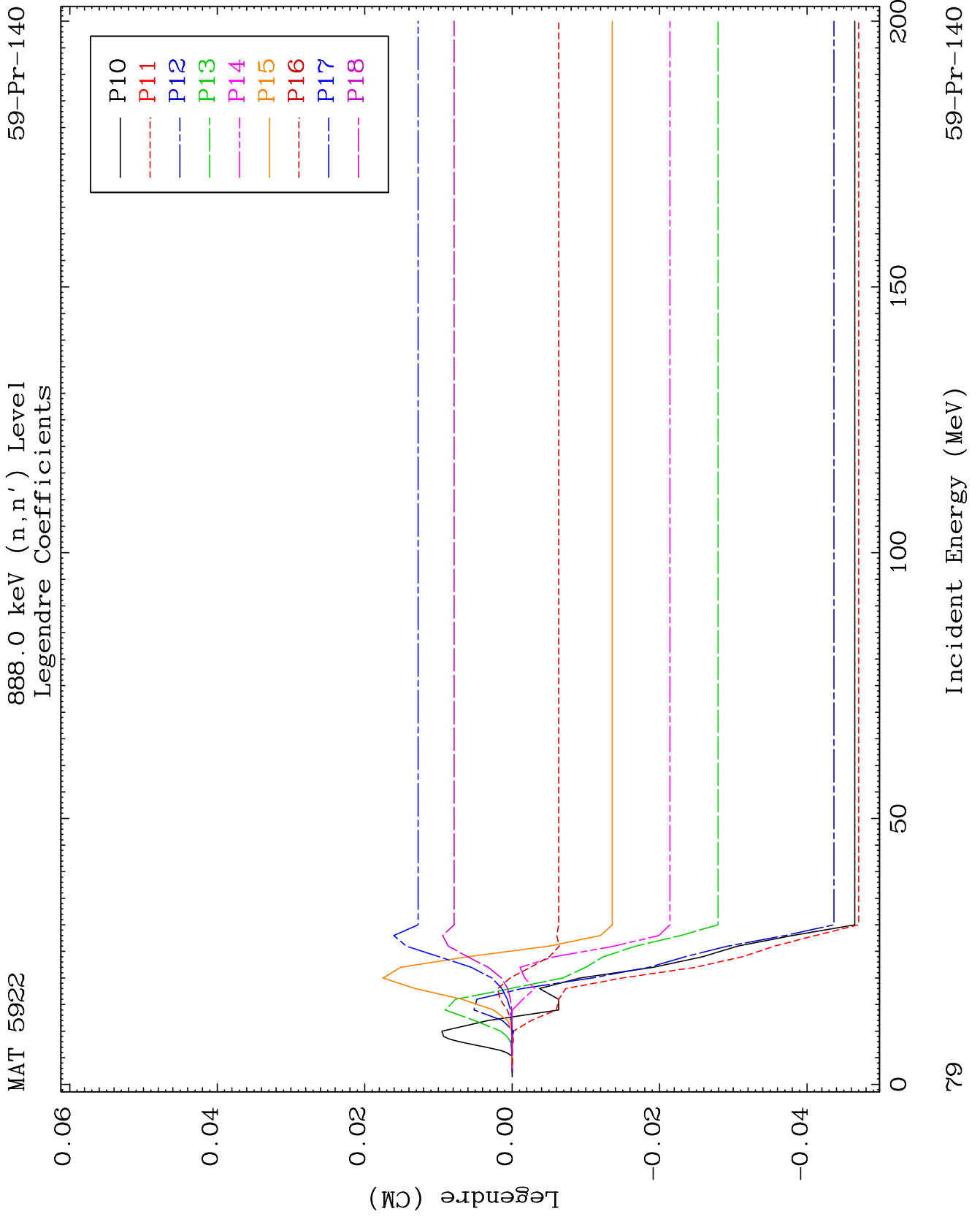
76

Incident Energy (MeV)

59-Pr-140



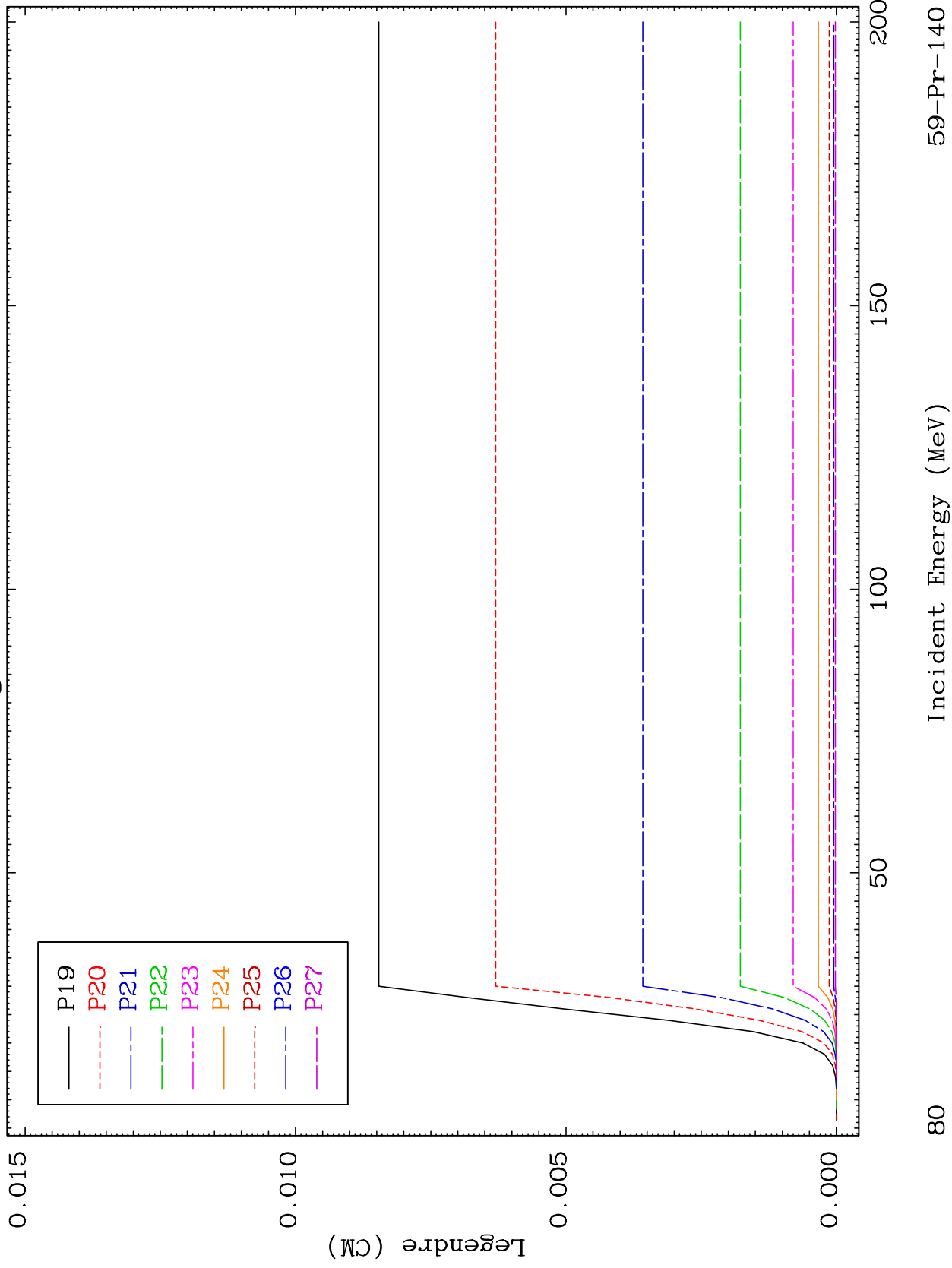




MAT 5922

888.0 keV (n,n') Level
Legendre Coefficients

59-Pr-140



59-Pr-140

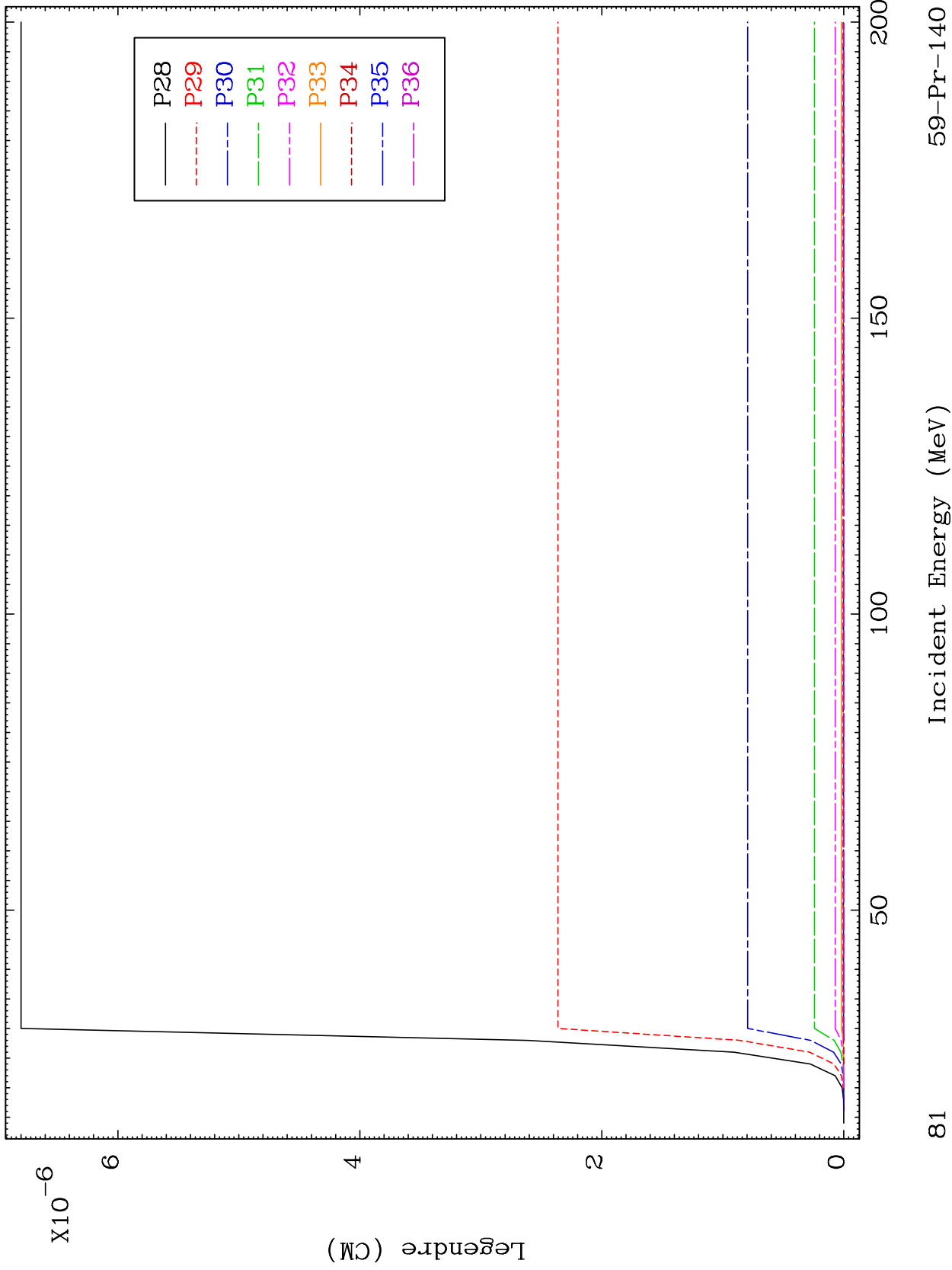
Incident Energy (MeV)

80

MAT 5922

888.0 keV (n,n') Level
Legendre Coefficients

59-Pr-140



81

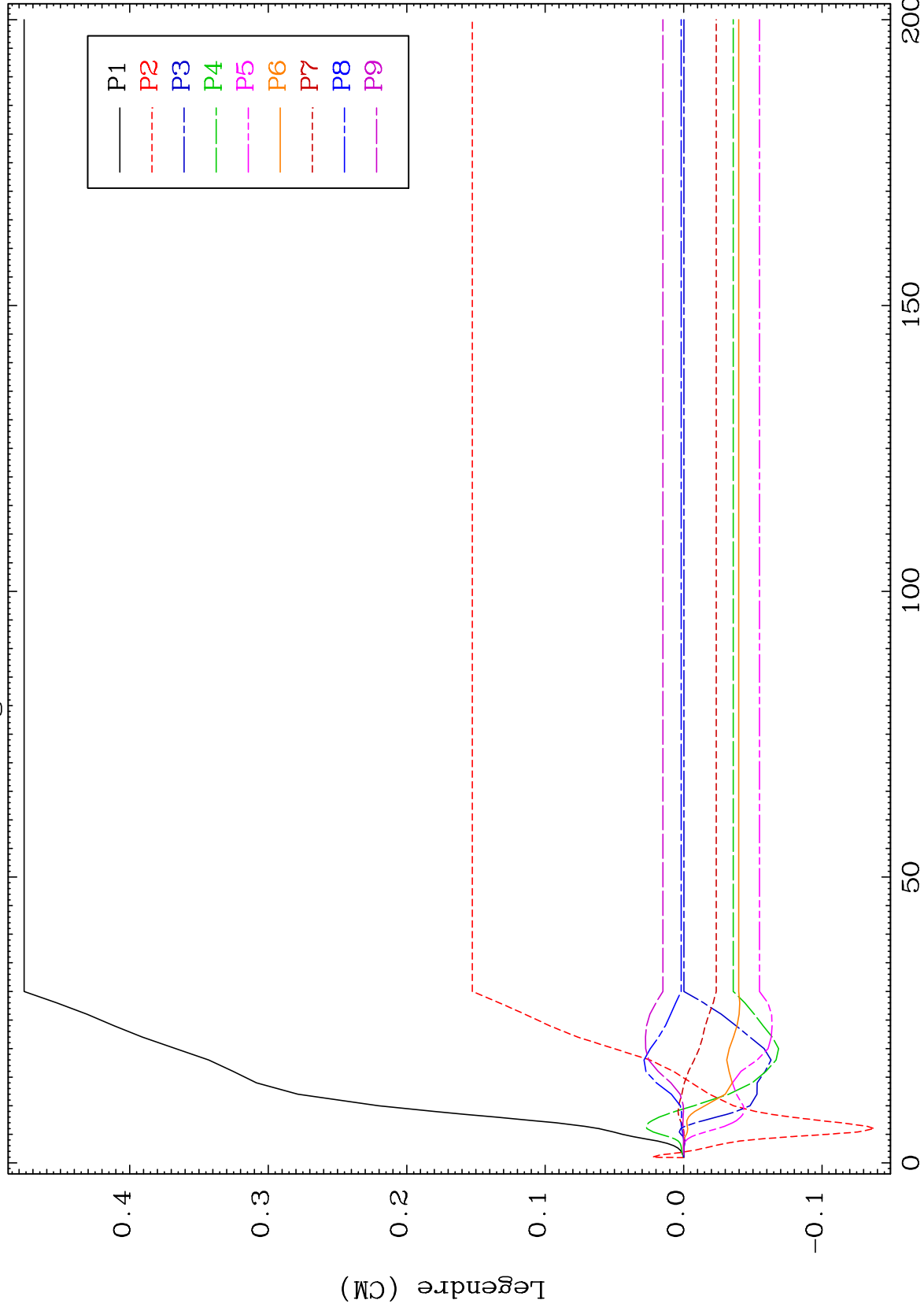
Incident Energy (MeV)

59-Pr-140

MAT 5922

896.6 keV (n,n') Level
Legendre Coefficients

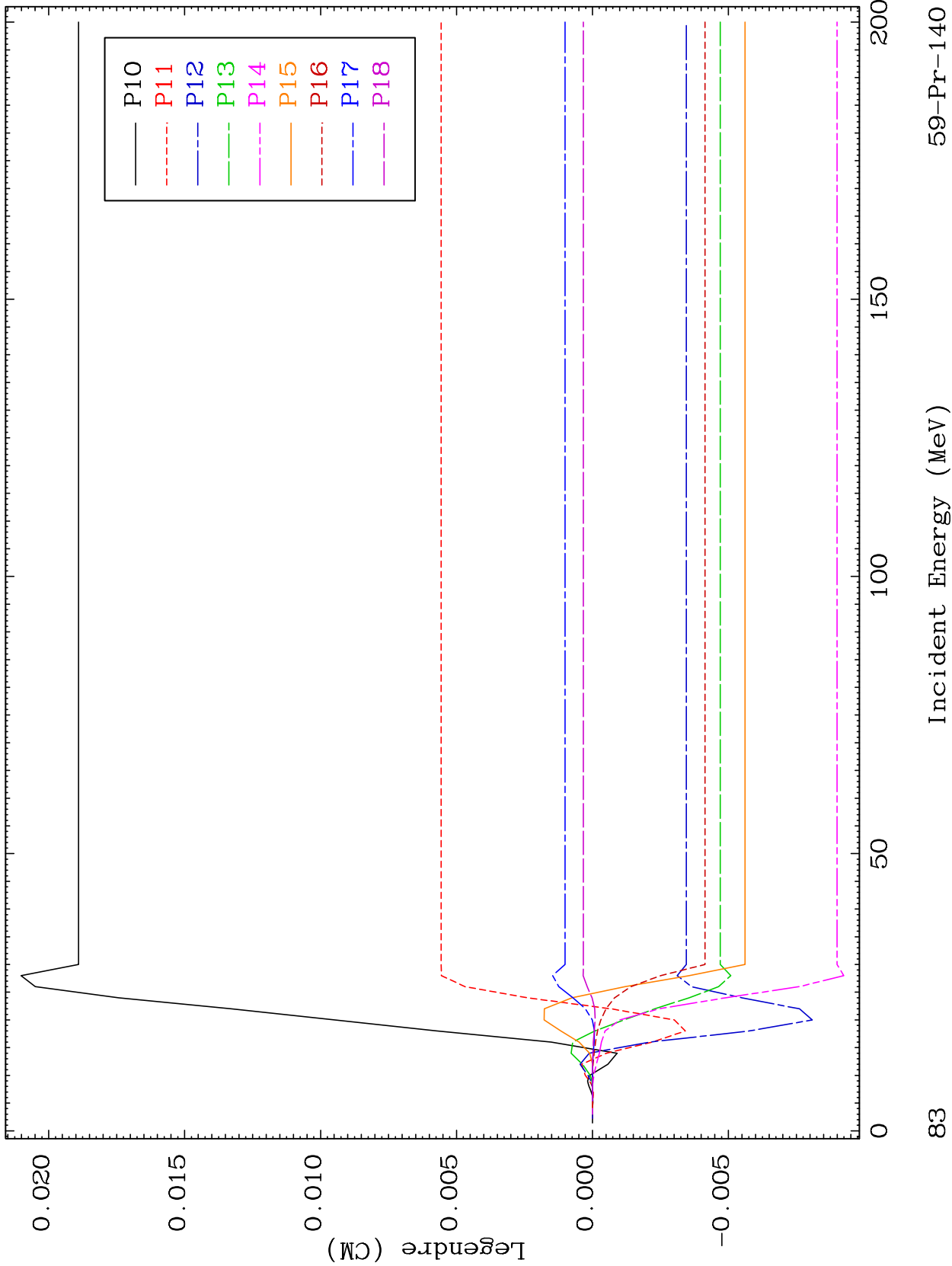
59-Pr-140



82

Incident Energy (MeV)

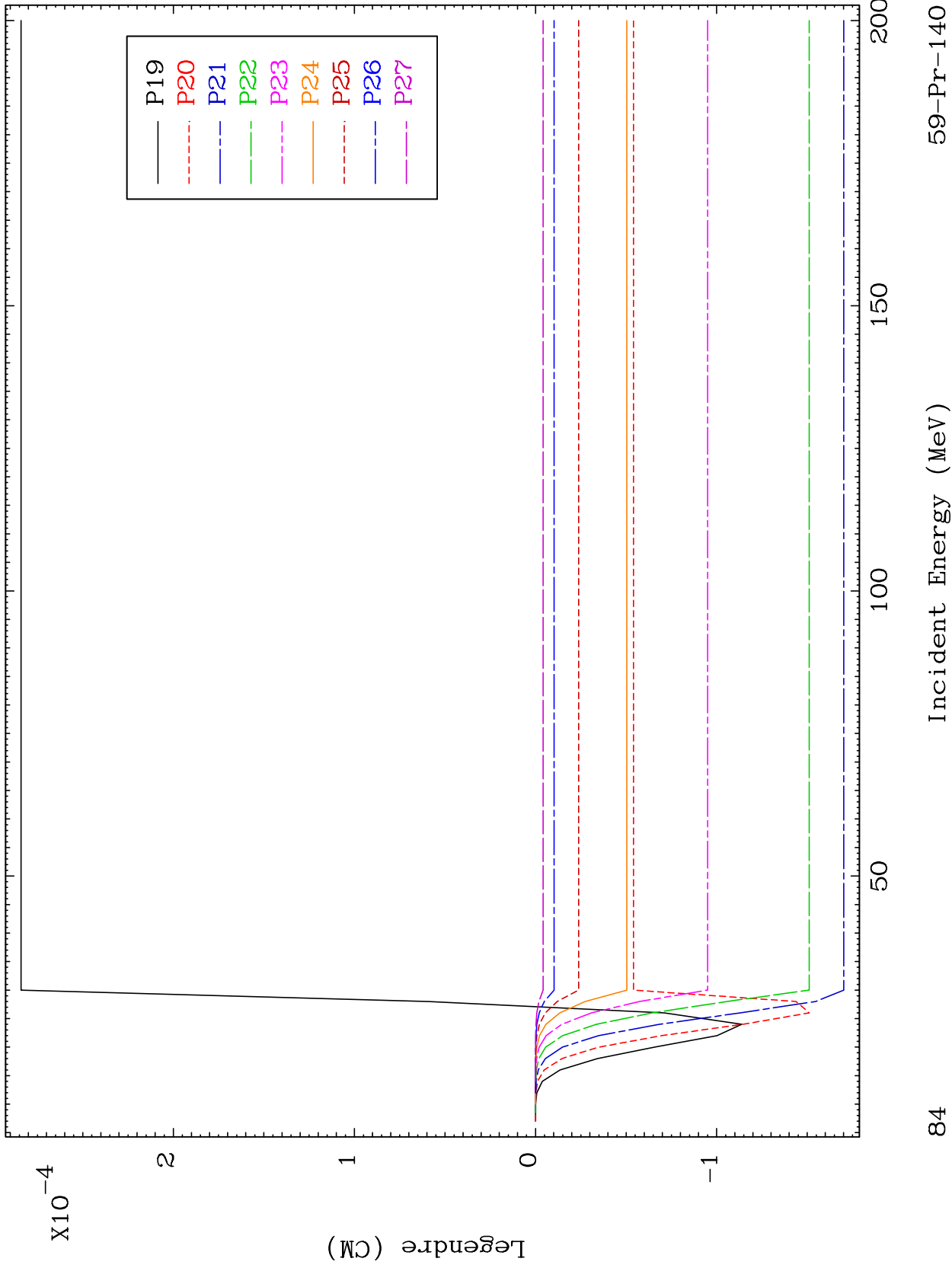
59-Pr-140



MAT 5922

896.6 keV (n,n') Level
Legendre Coefficients

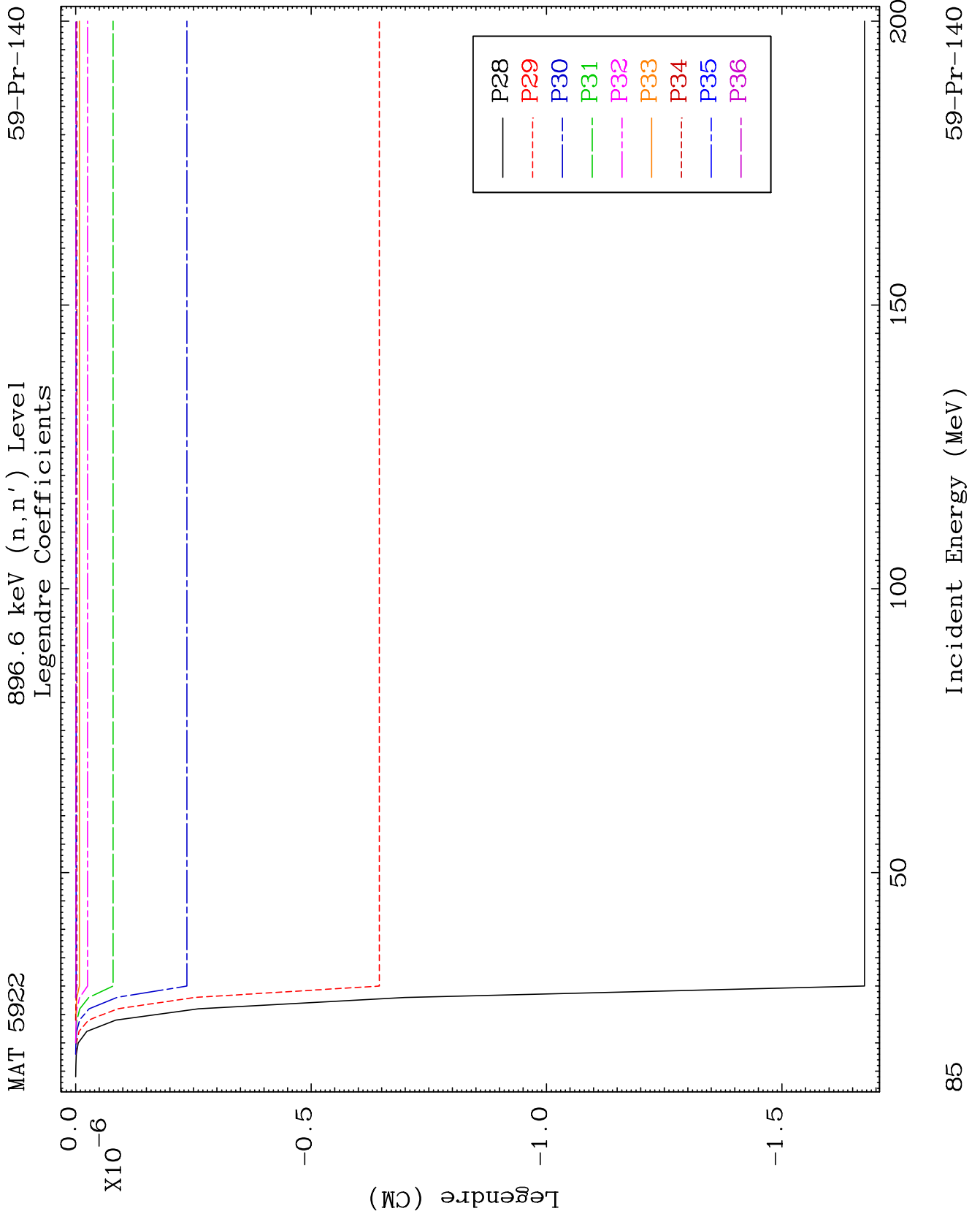
59-Pr-140



84

Incident Energy (MeV)

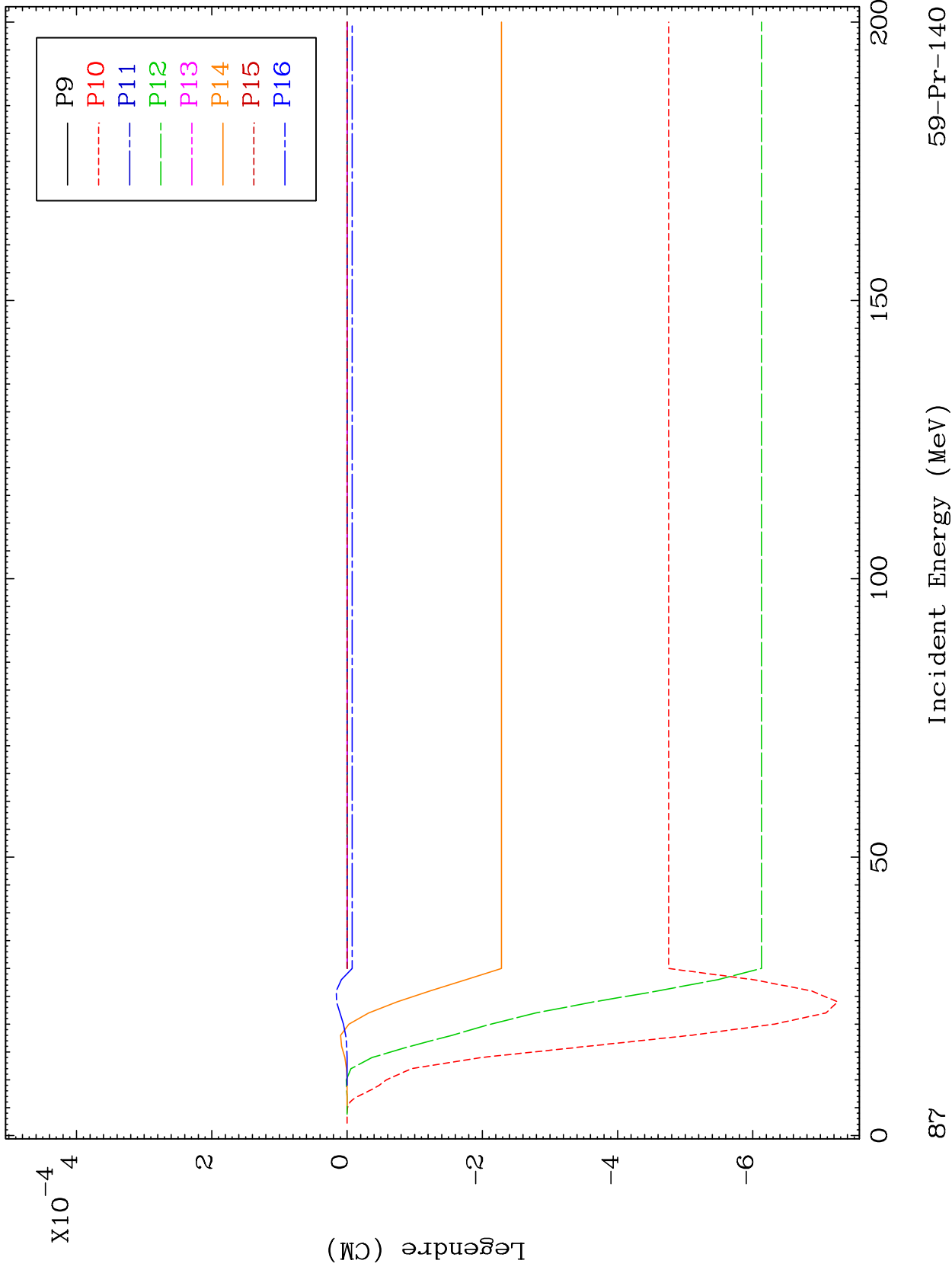
59-Pr-140



MAT 5922

904.3 keV (n,n') Level
Legendre Coefficients

59-Pr-140



87

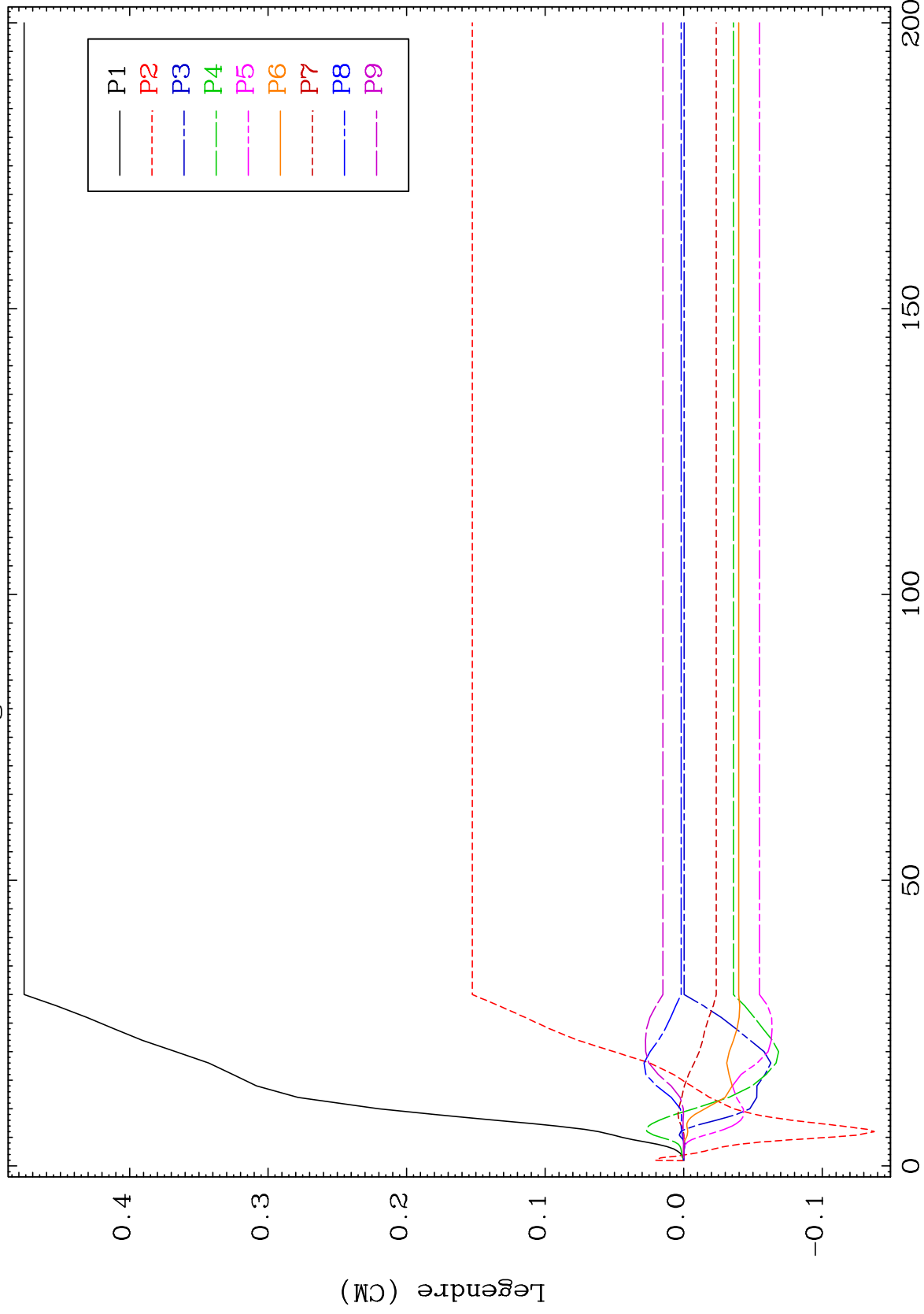
Incident Energy (MeV)

59-Pr-140

MAT 5922

913.4 keV (n,n') Level
Legendre Coefficients

59-Pr-140



89

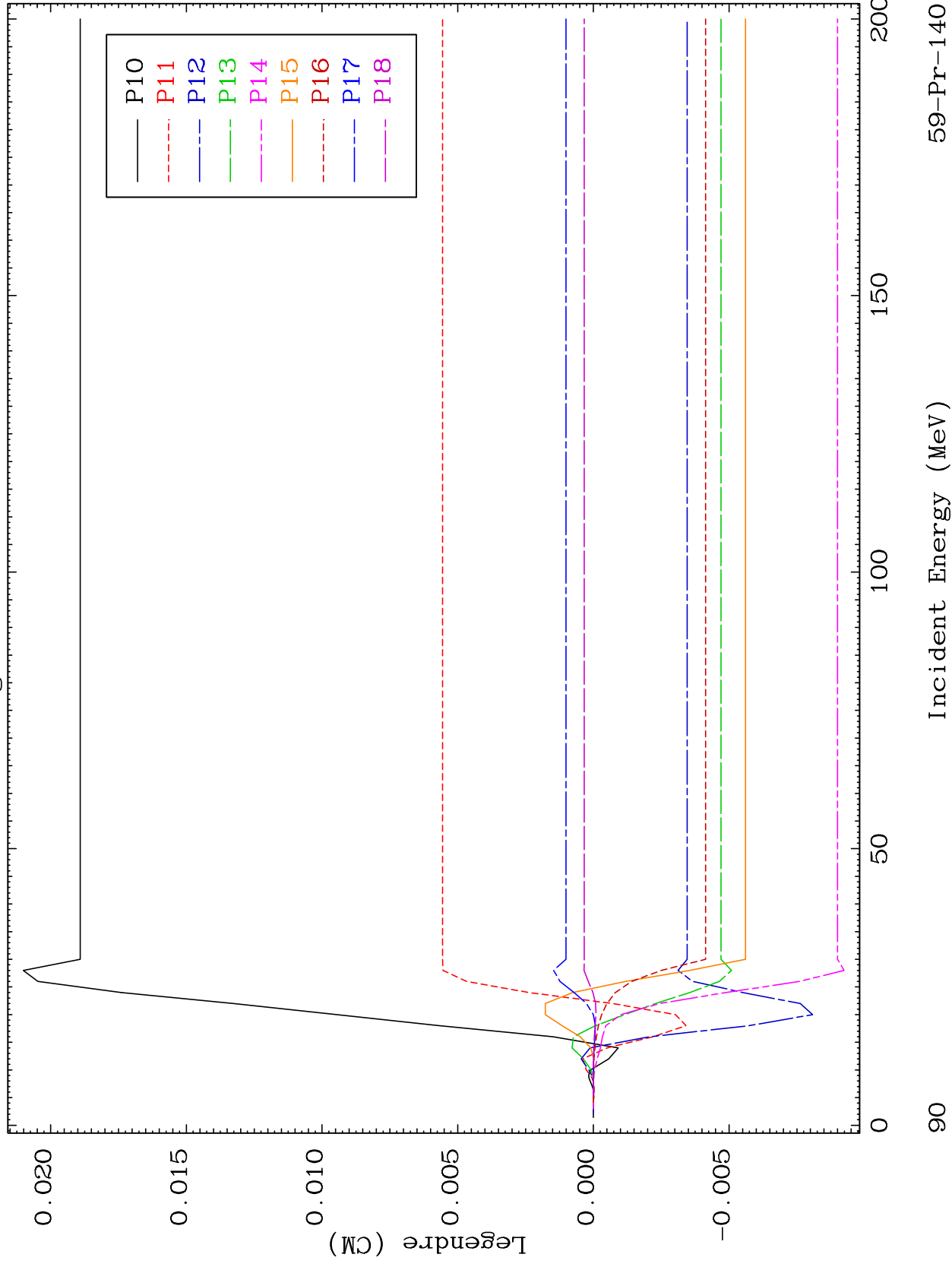
Incident Energy (MeV)

59-Pr-140

MAT 5922

913.4 keV (n,n') Level
Legendre Coefficients

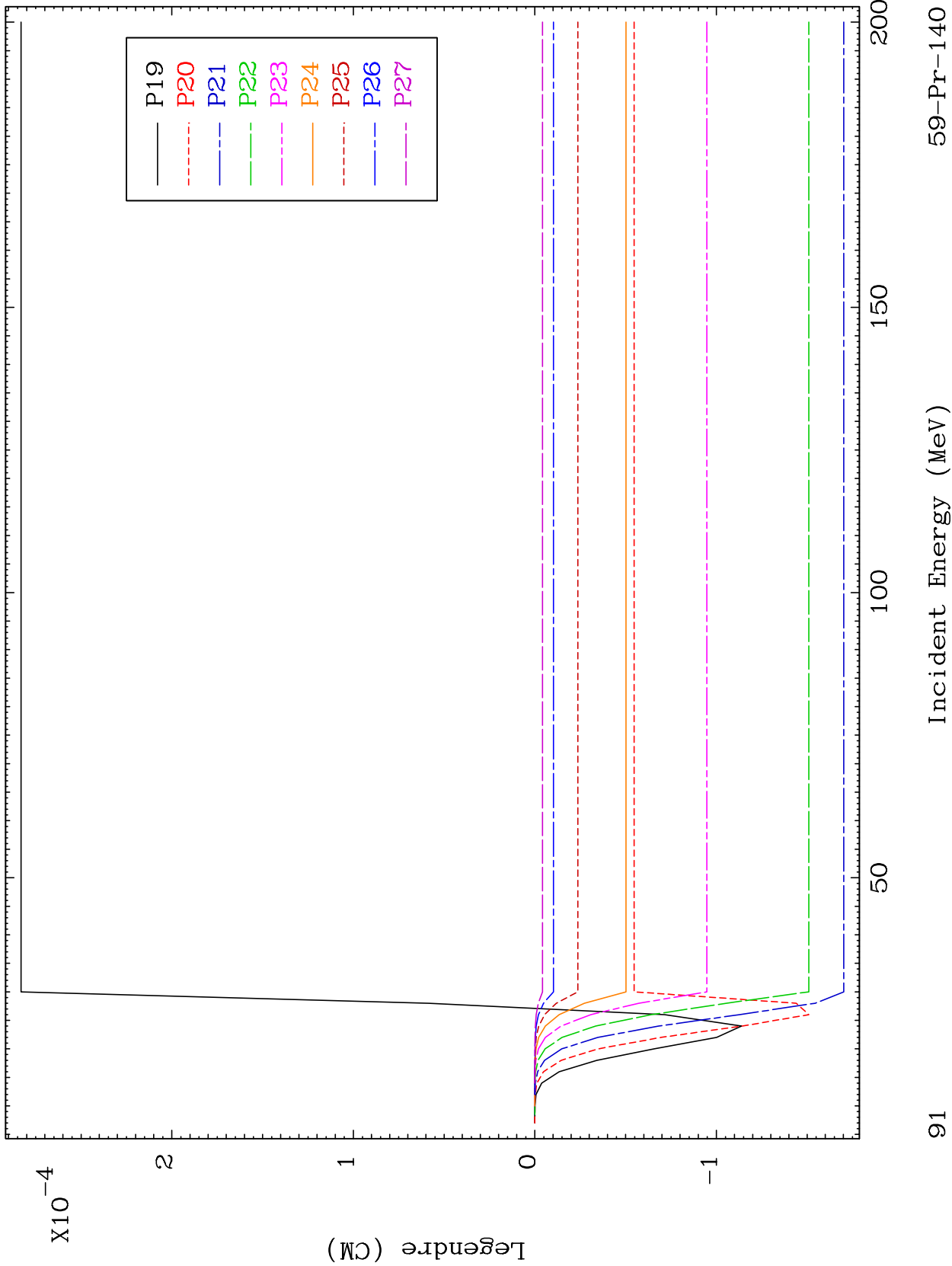
59-Pr-140

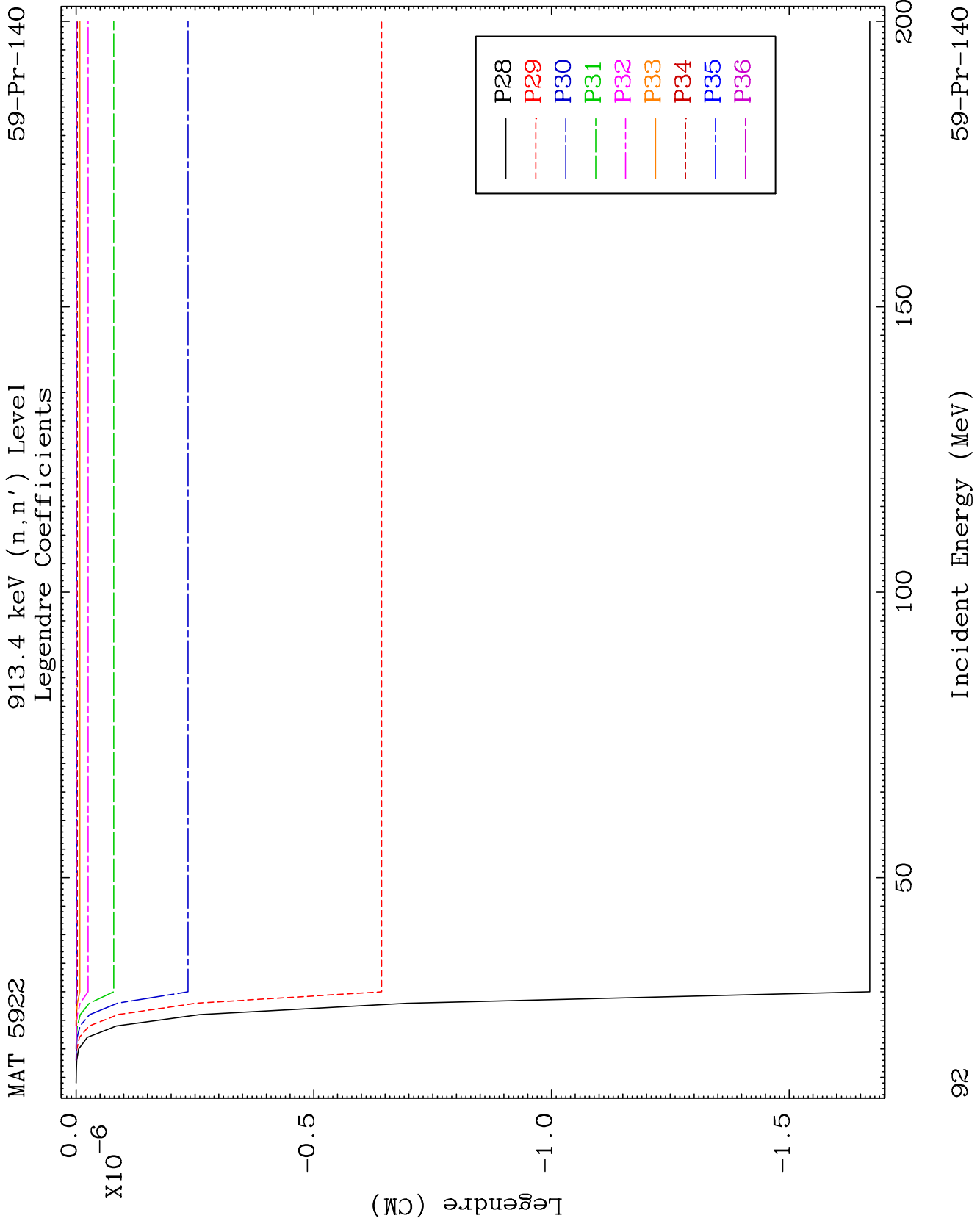


59-Pr-140

Incident Energy (MeV)

90

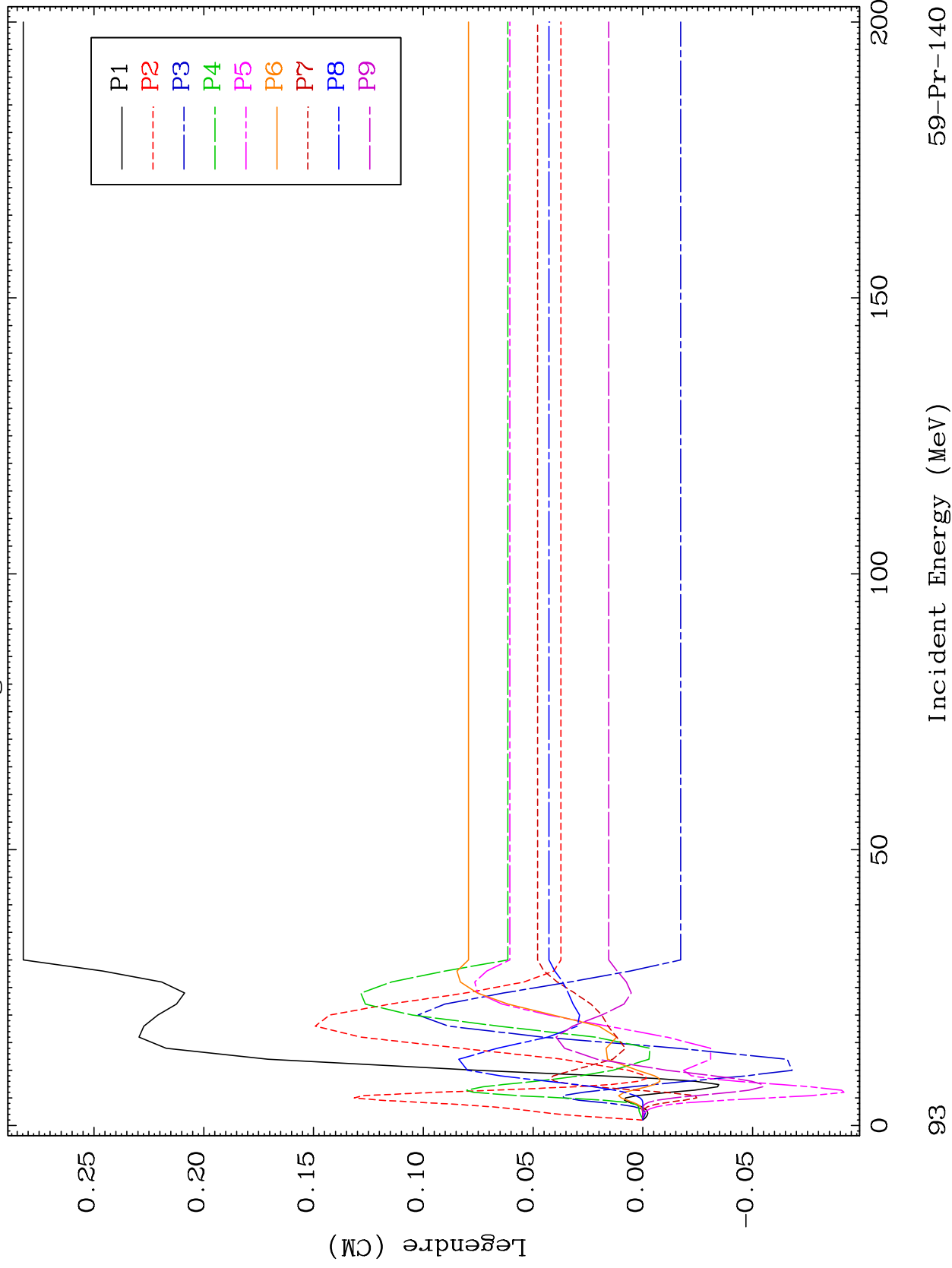




MAT 5922

967.0 keV (n,n') Level
Legendre Coefficients

59-Pr-140



59-Pr-140

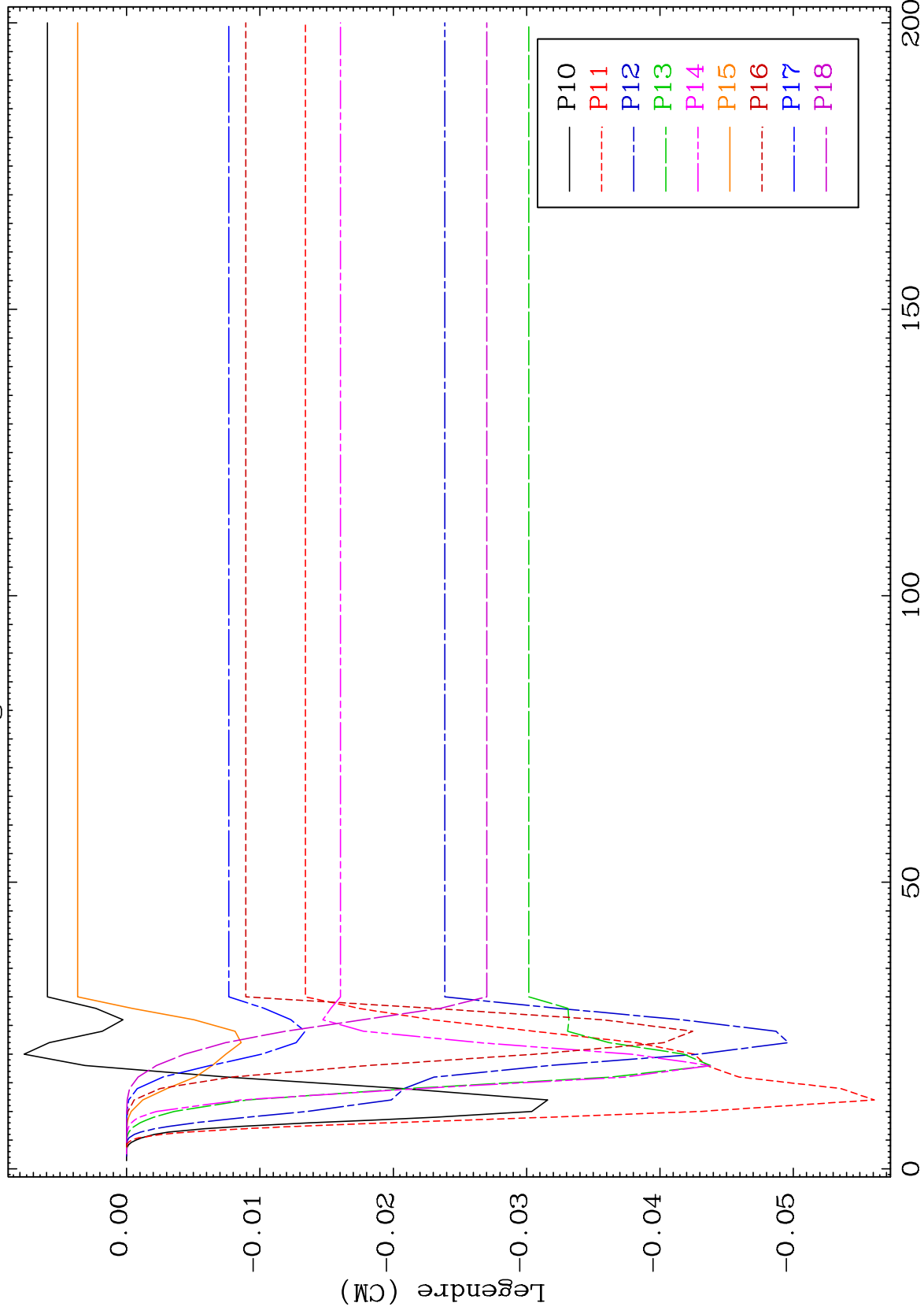
Incident Energy (MeV)

93

MAT 5922

967.0 keV (n,n') Level
Legendre Coefficients

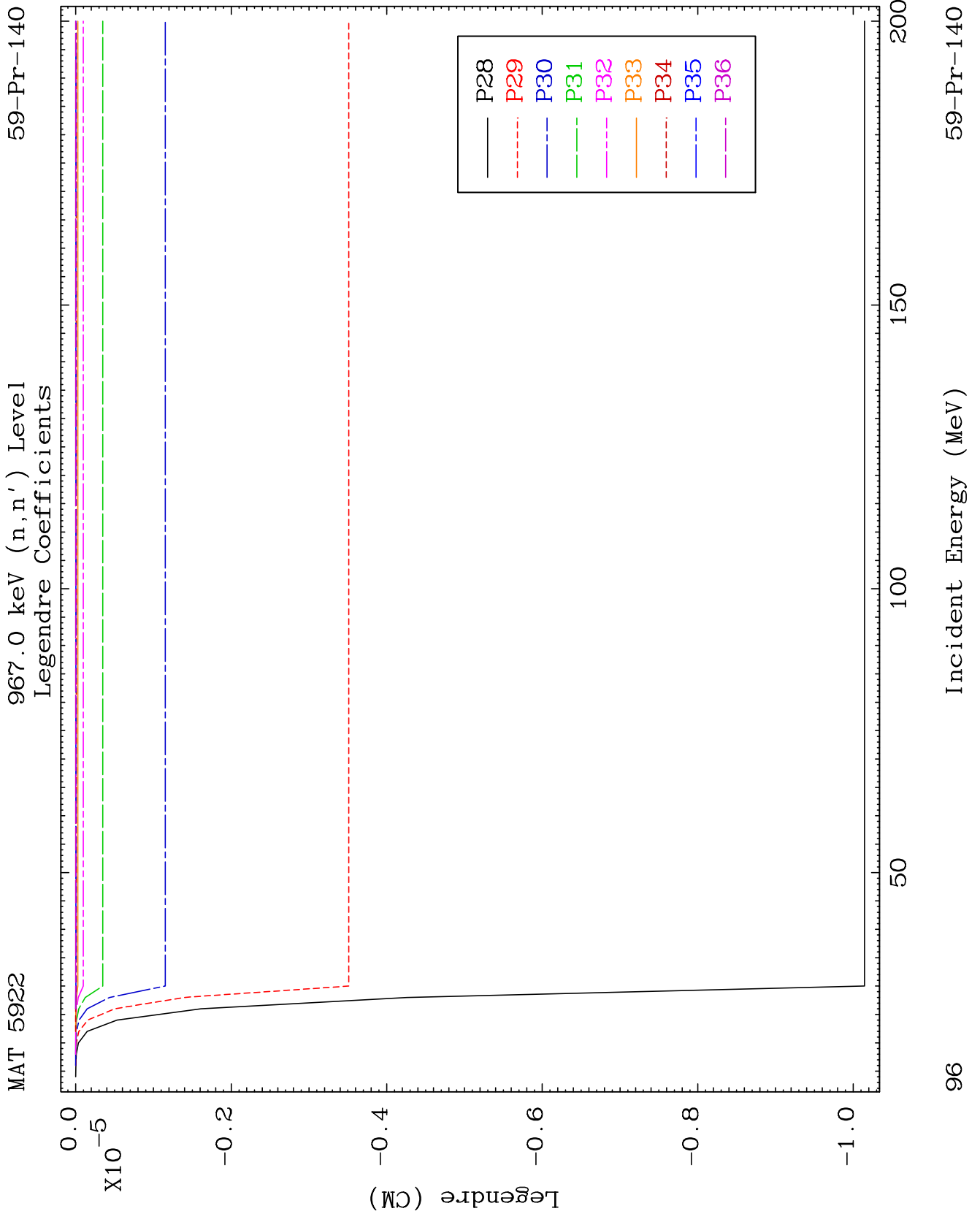
59-Pr-140

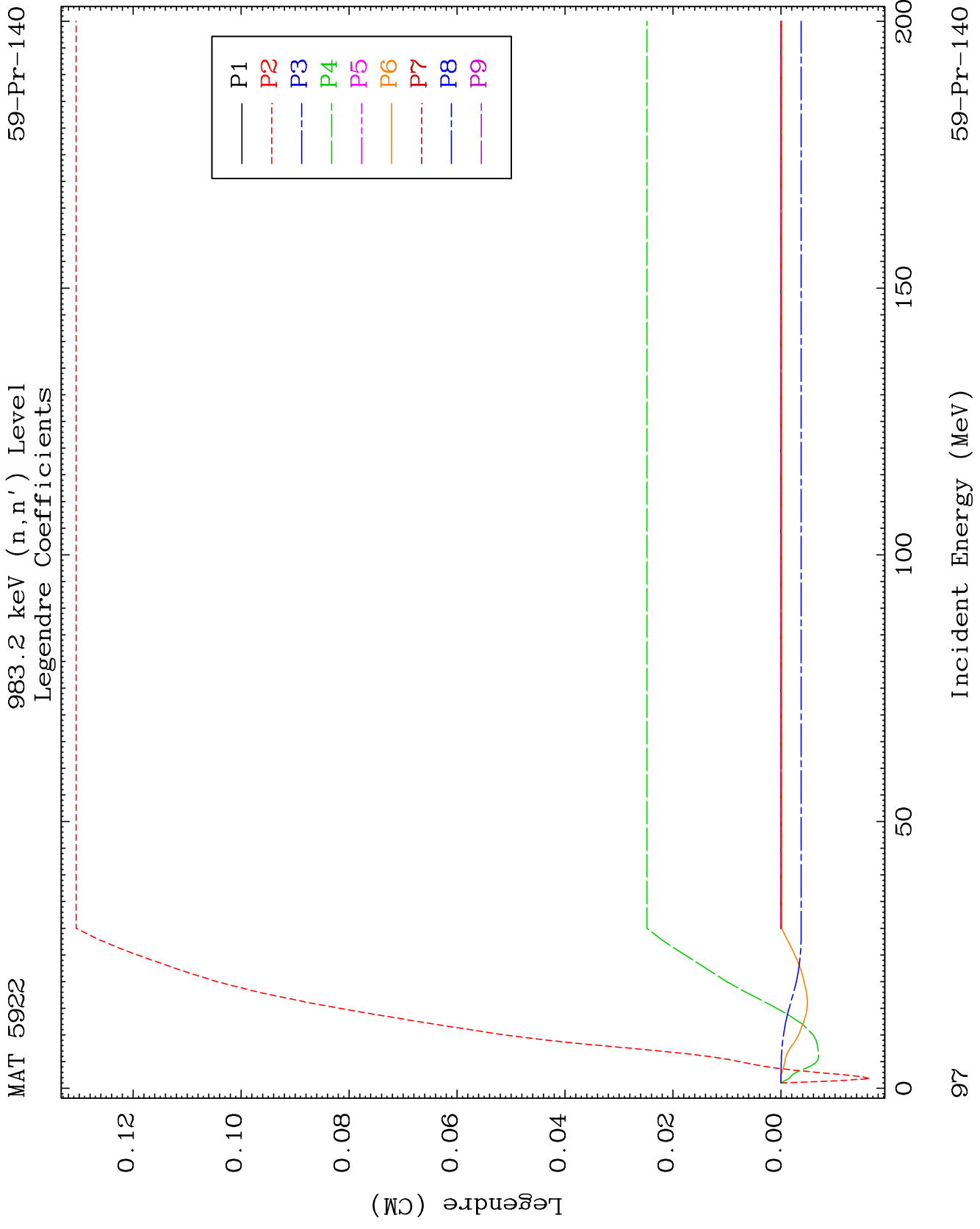


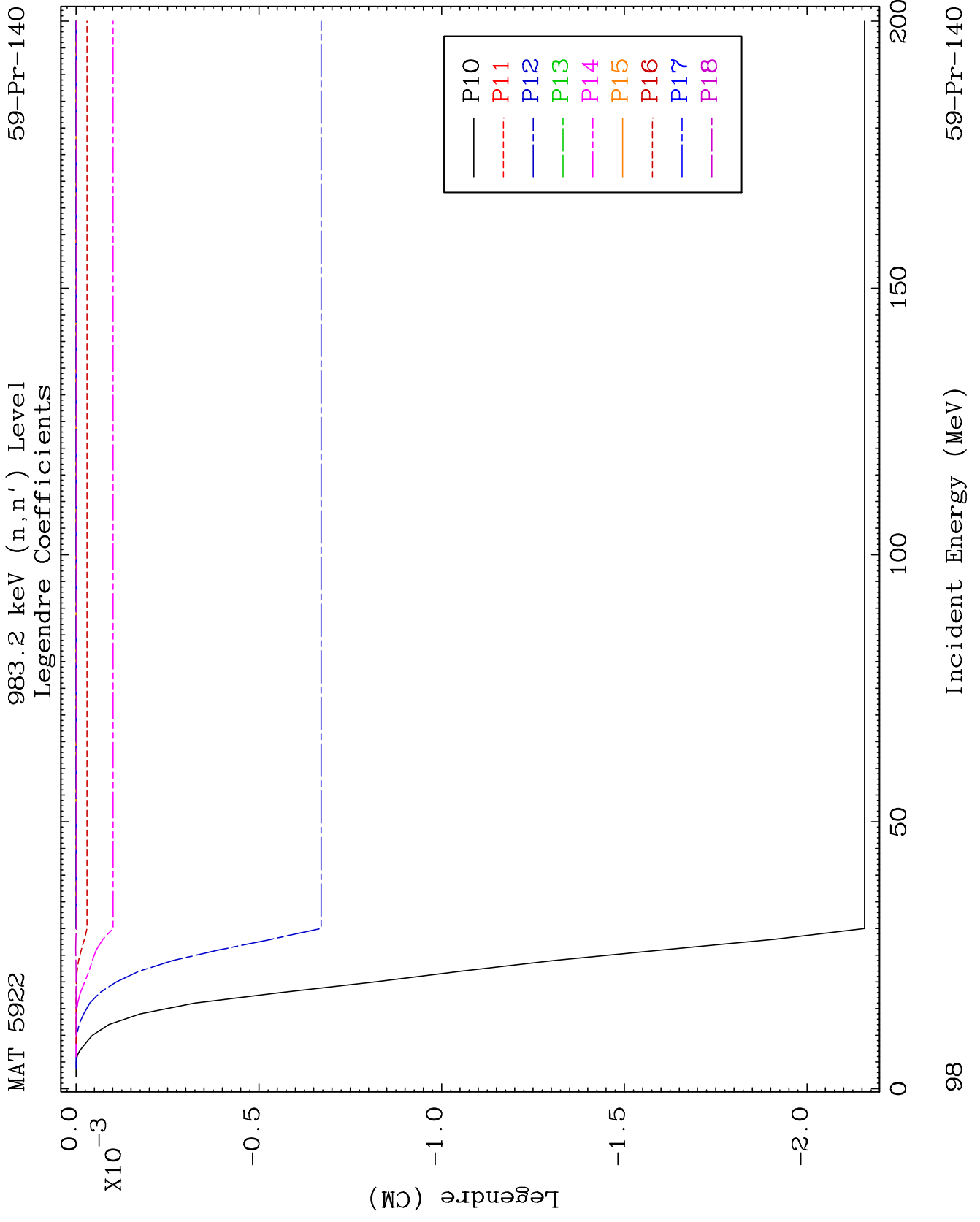
94

Incident Energy (MeV)

59-Pr-140



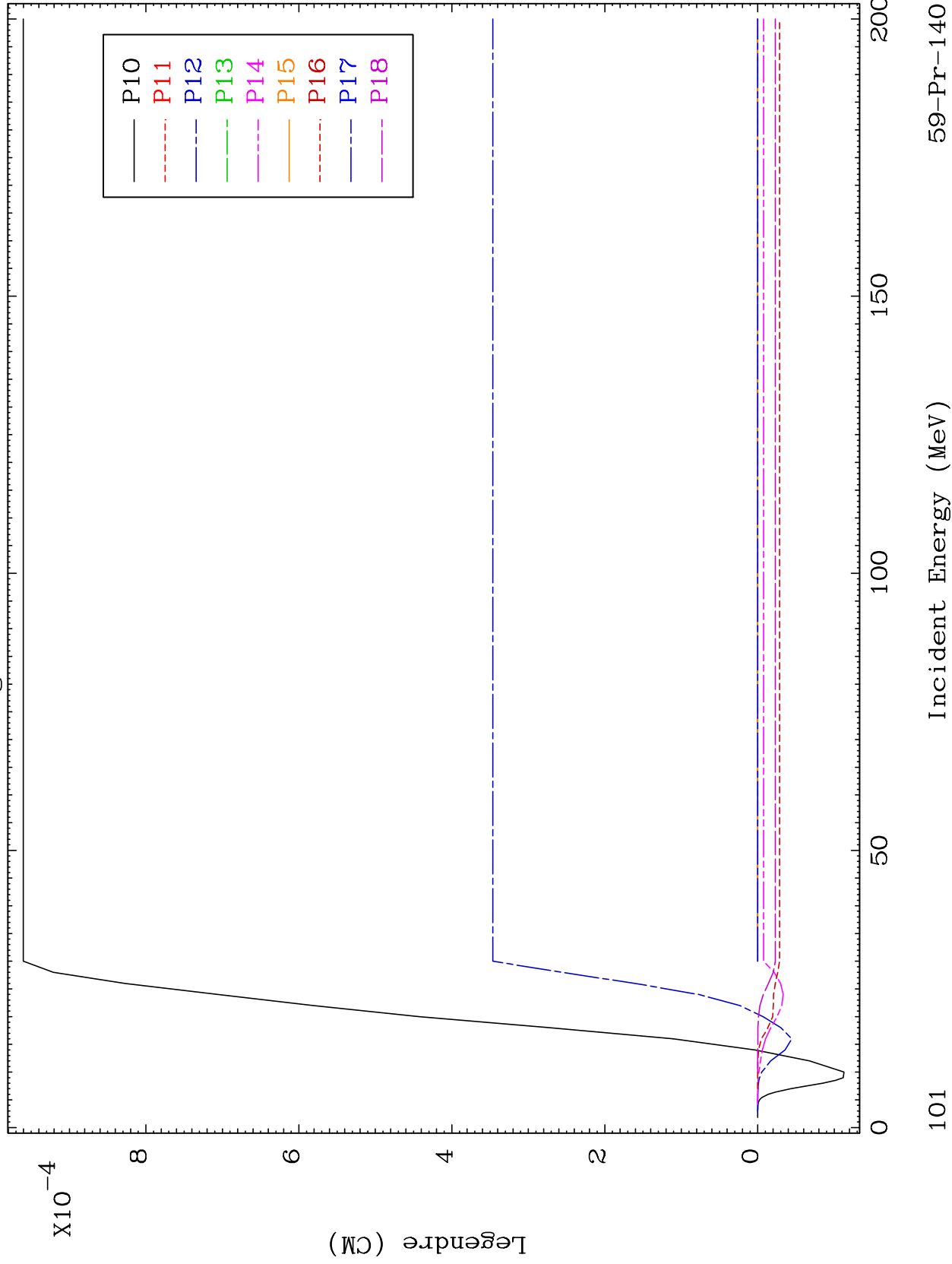




MAT 5922

1.018 MeV (n,n') Level
Legendre Coefficients

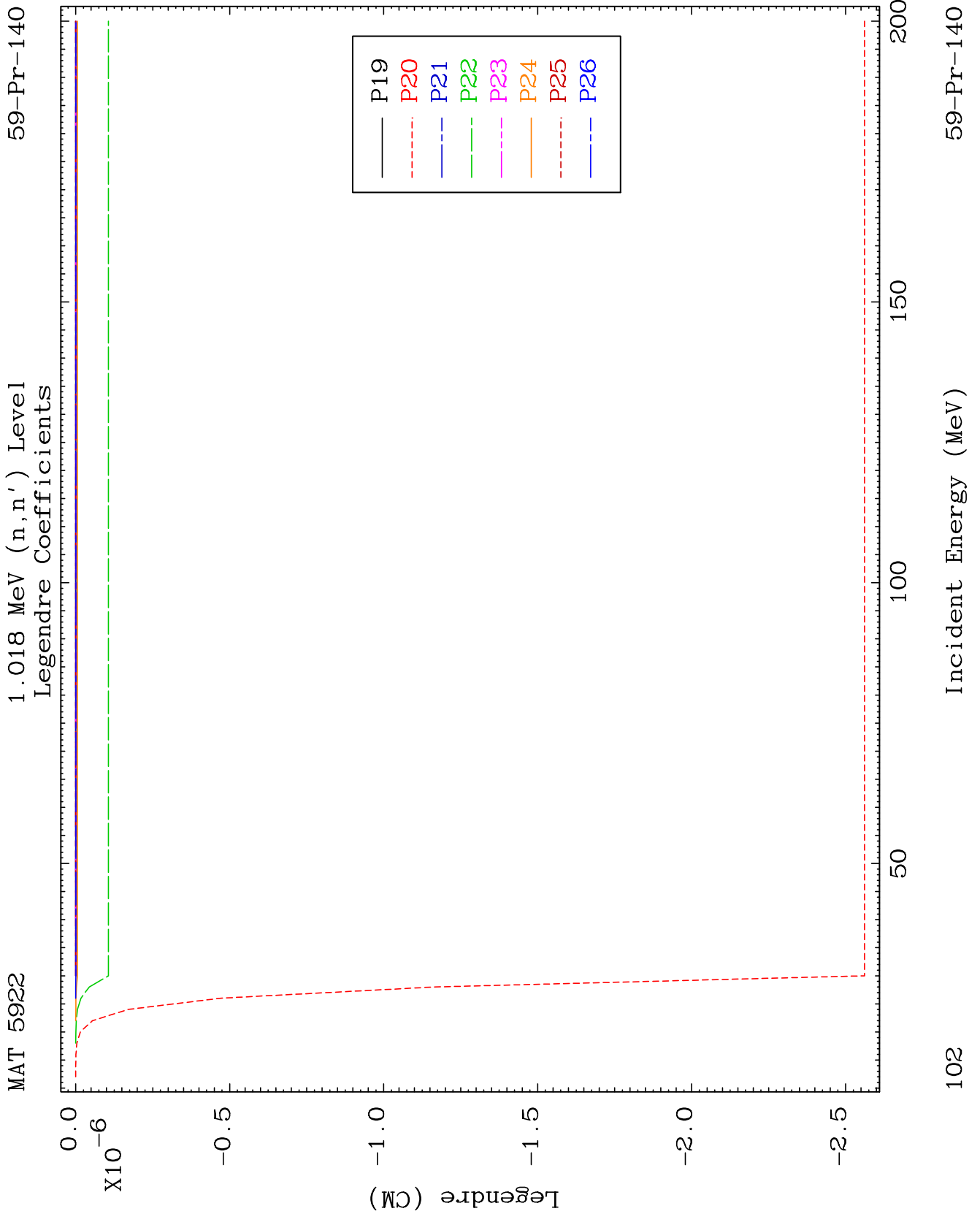
59-Pr-140

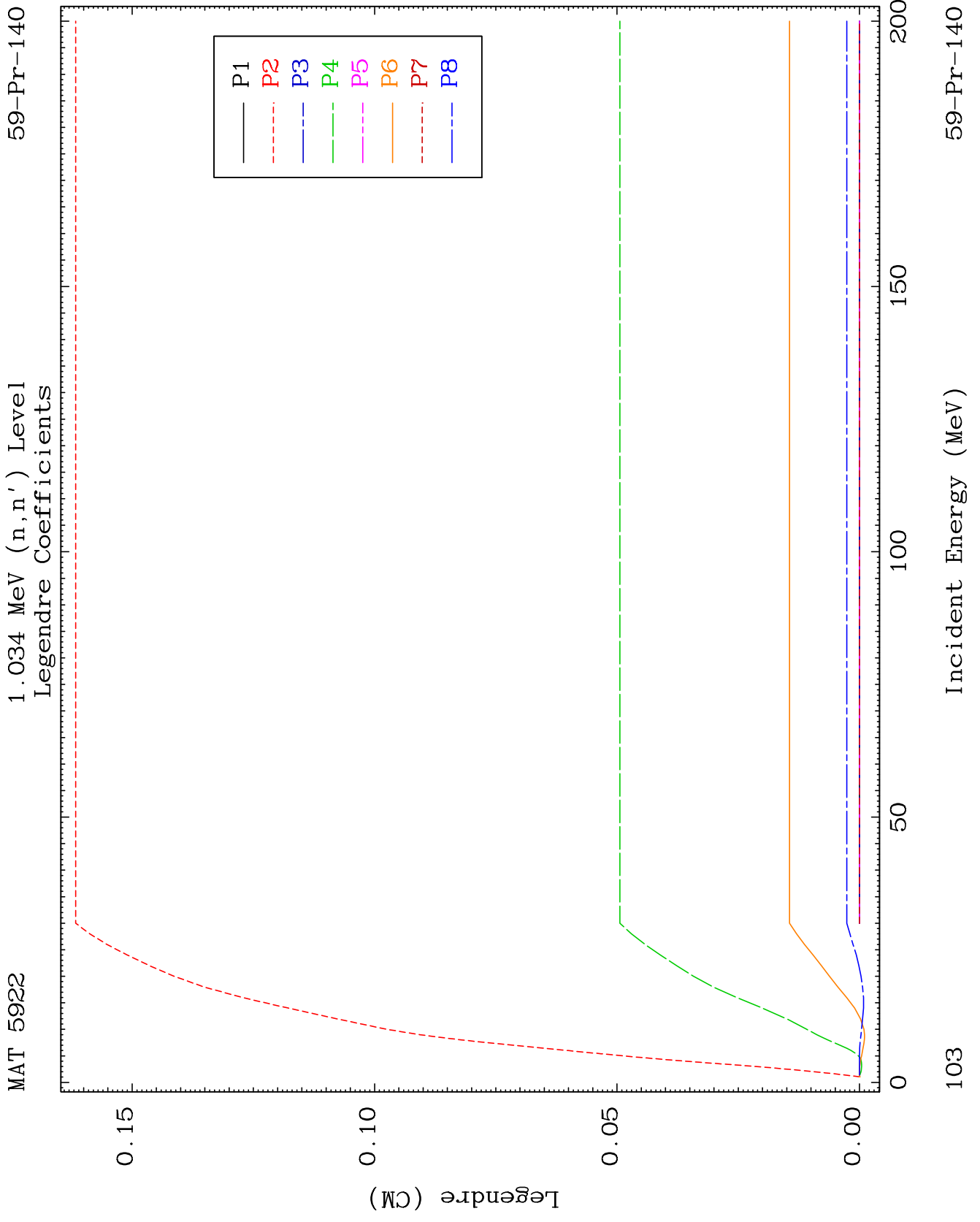


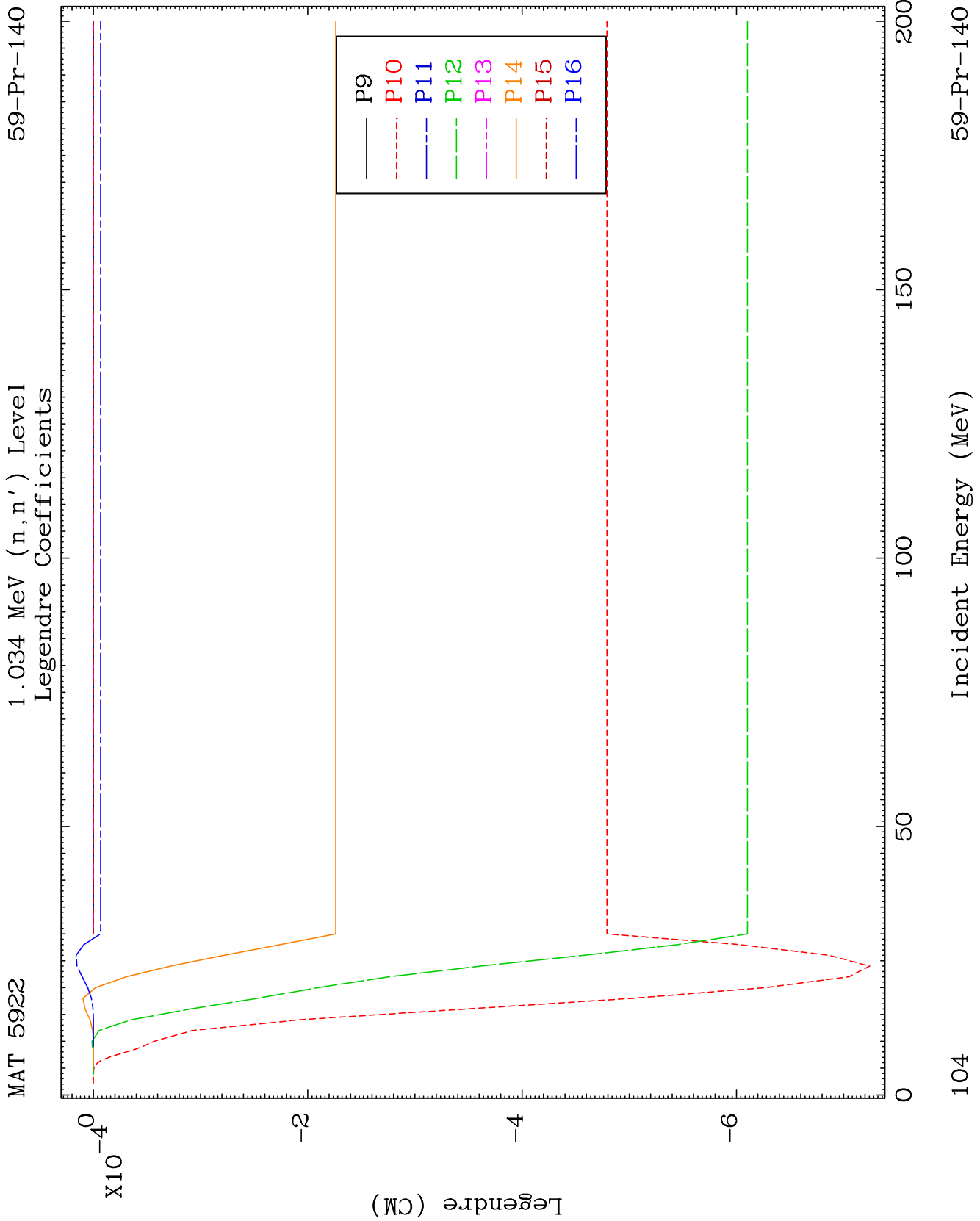
59-Pr-140

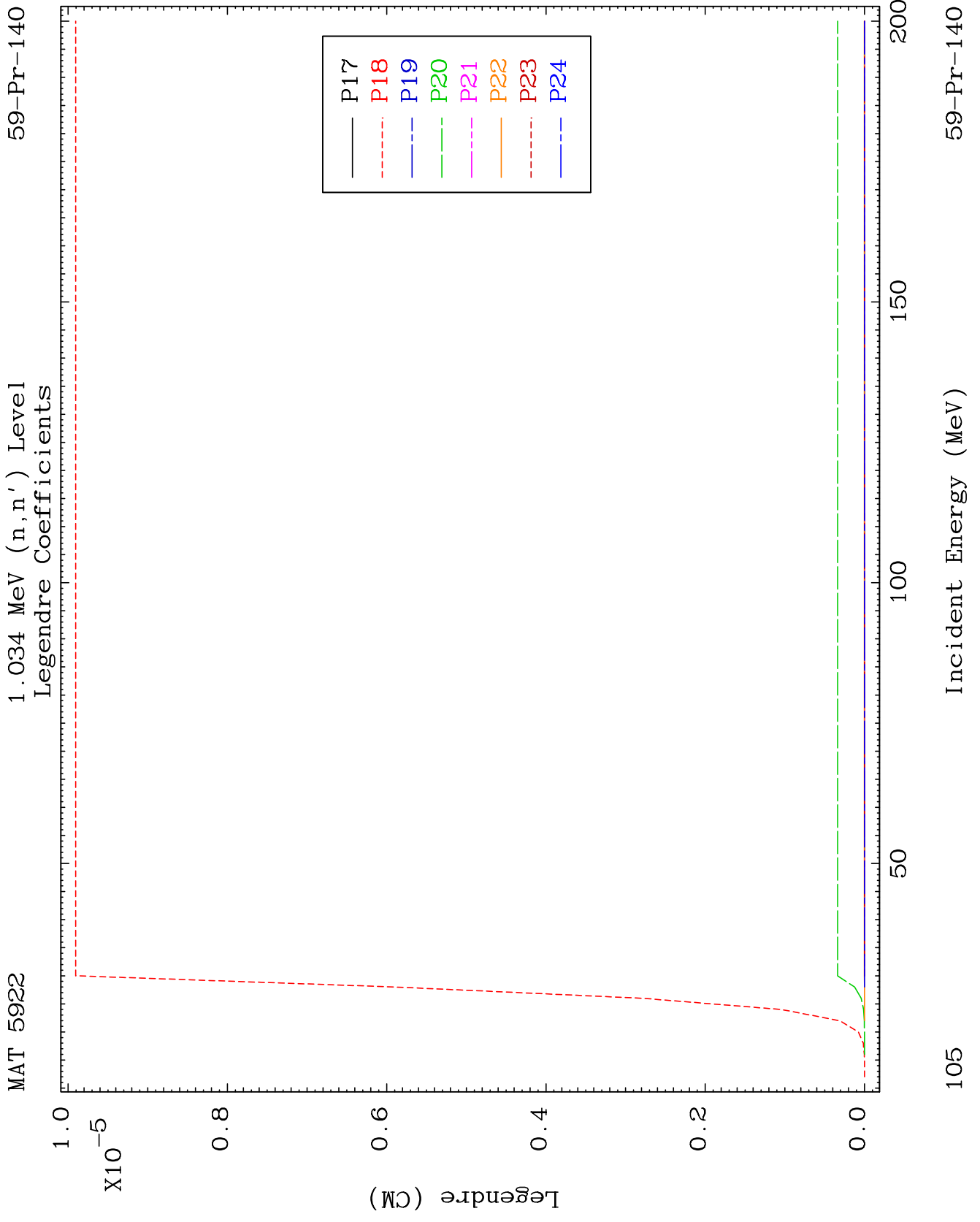
Incident Energy (MeV)

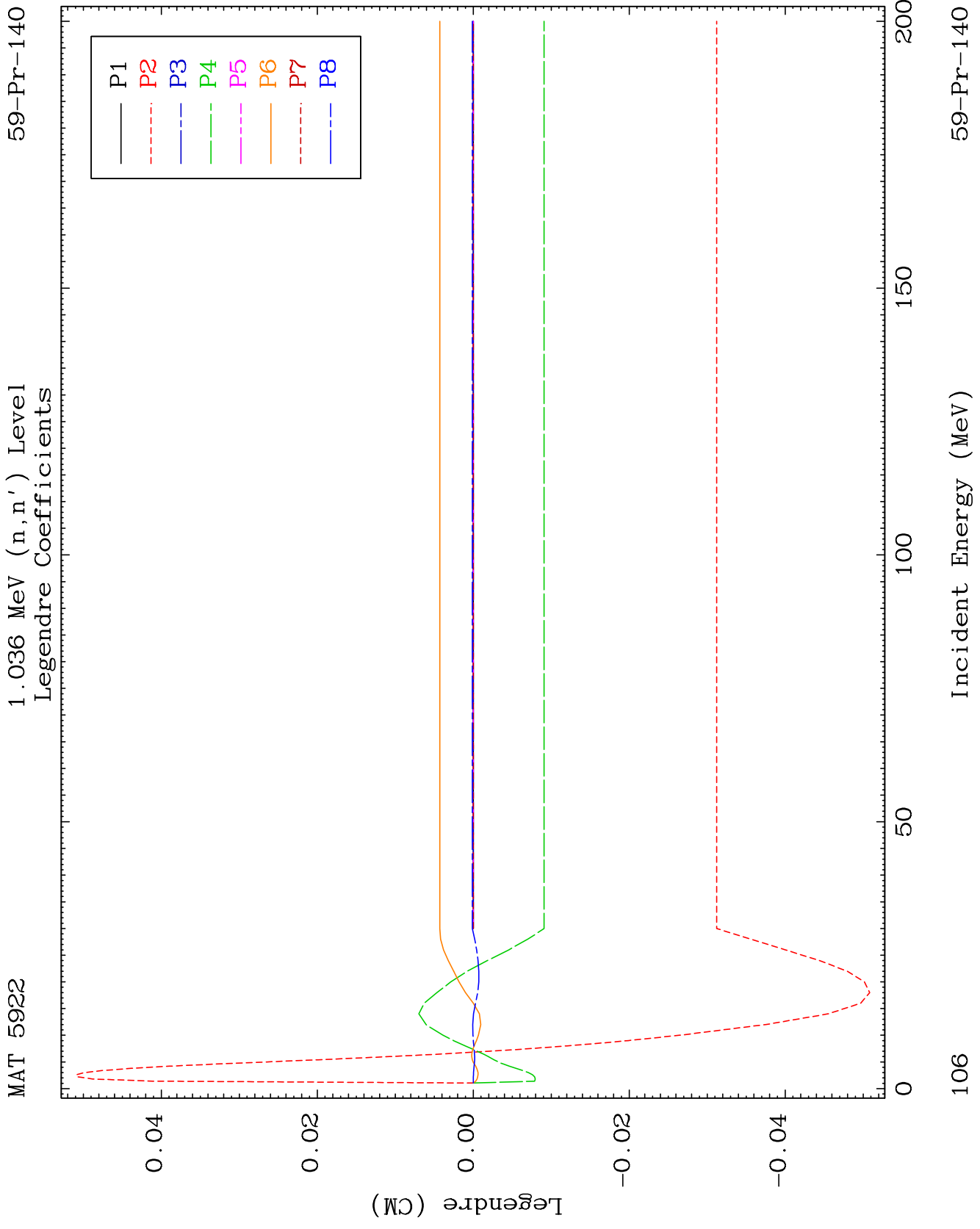
101

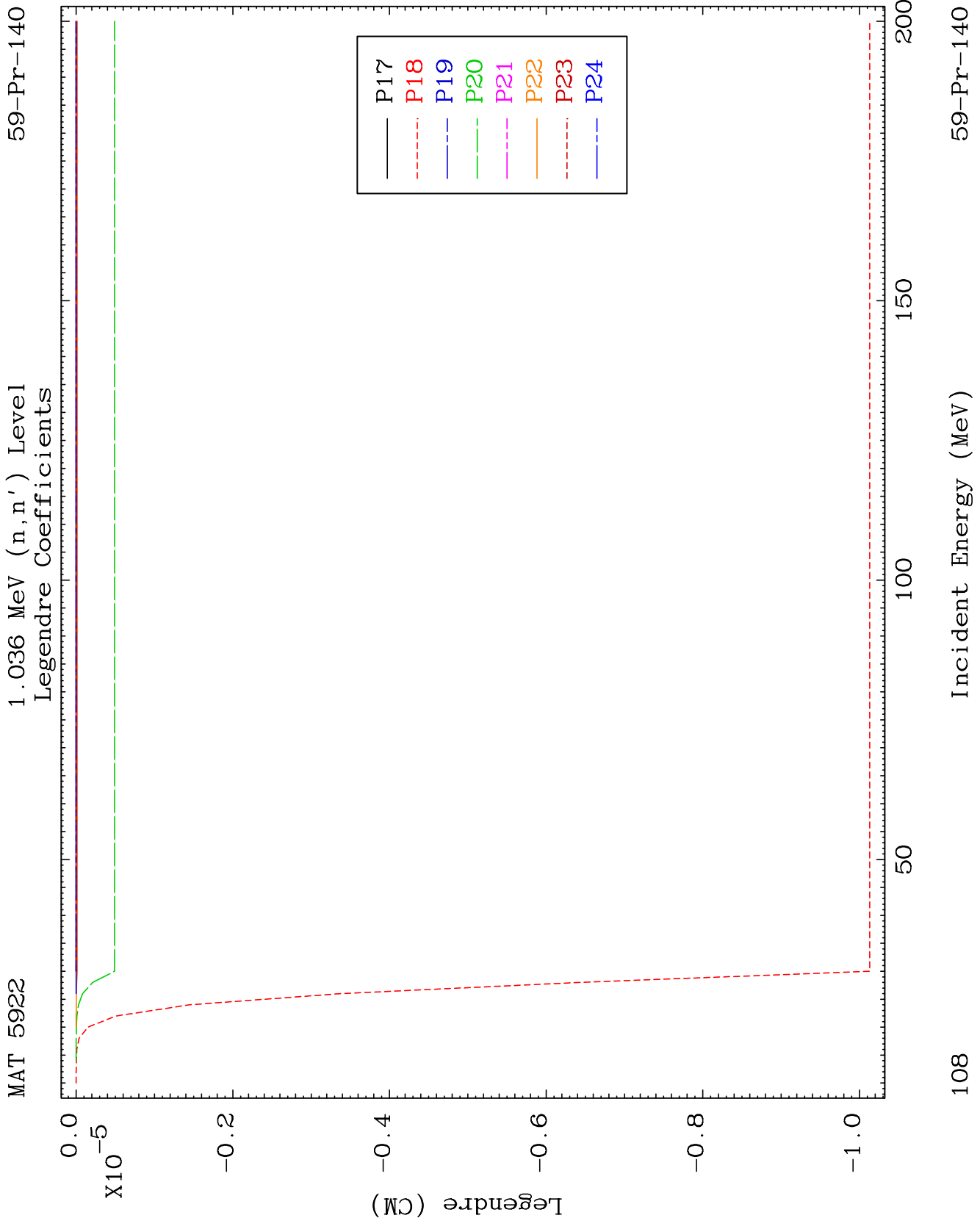


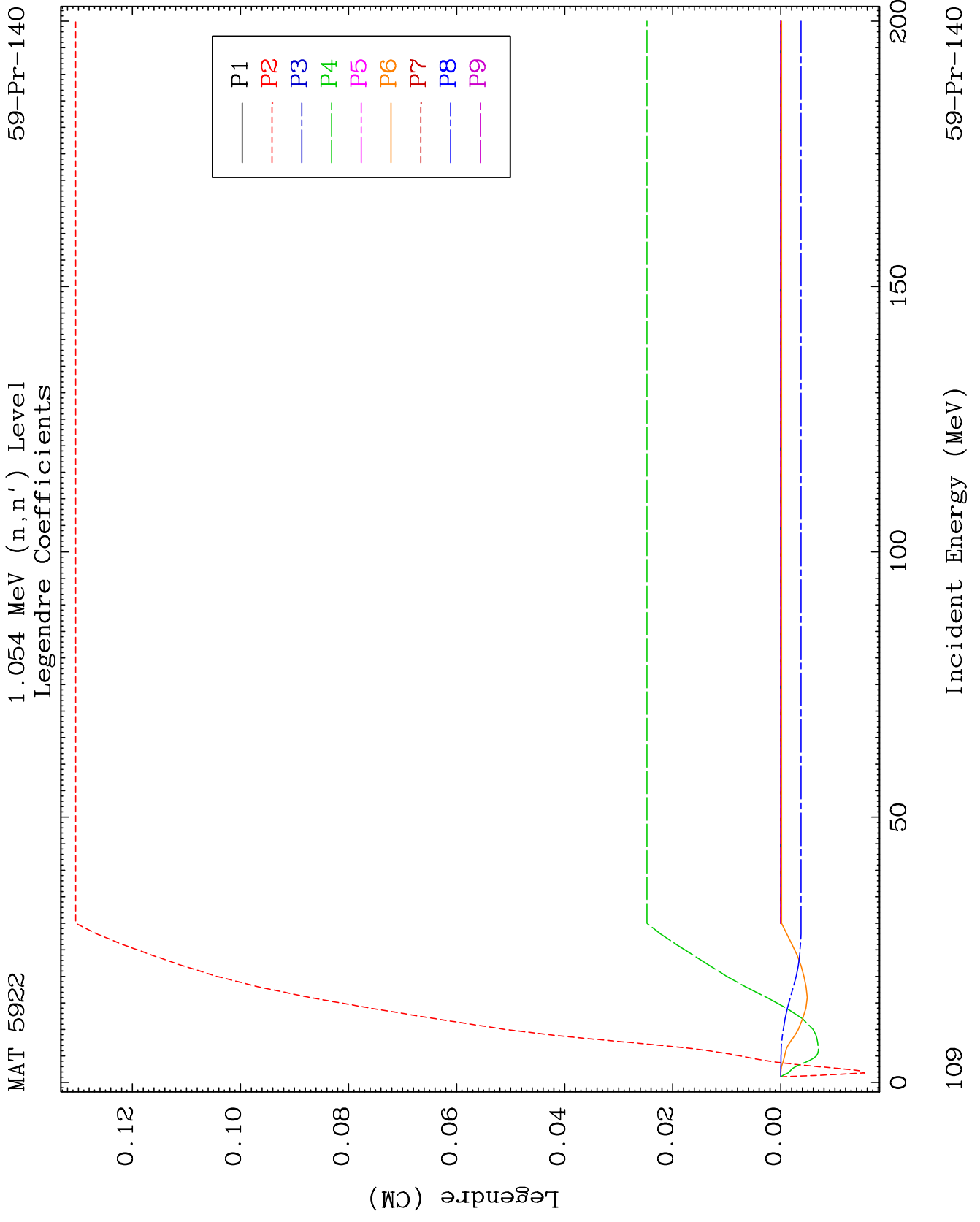


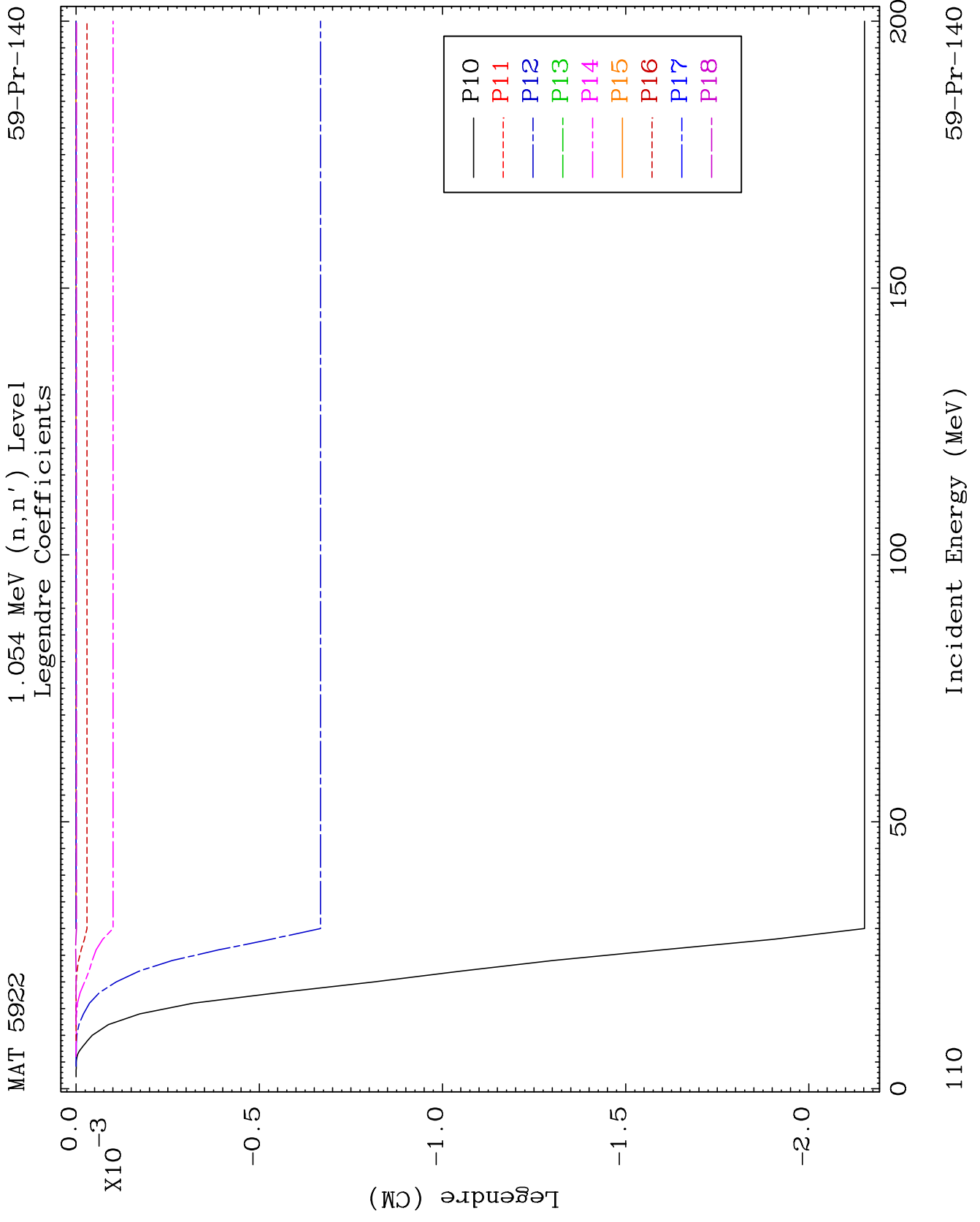


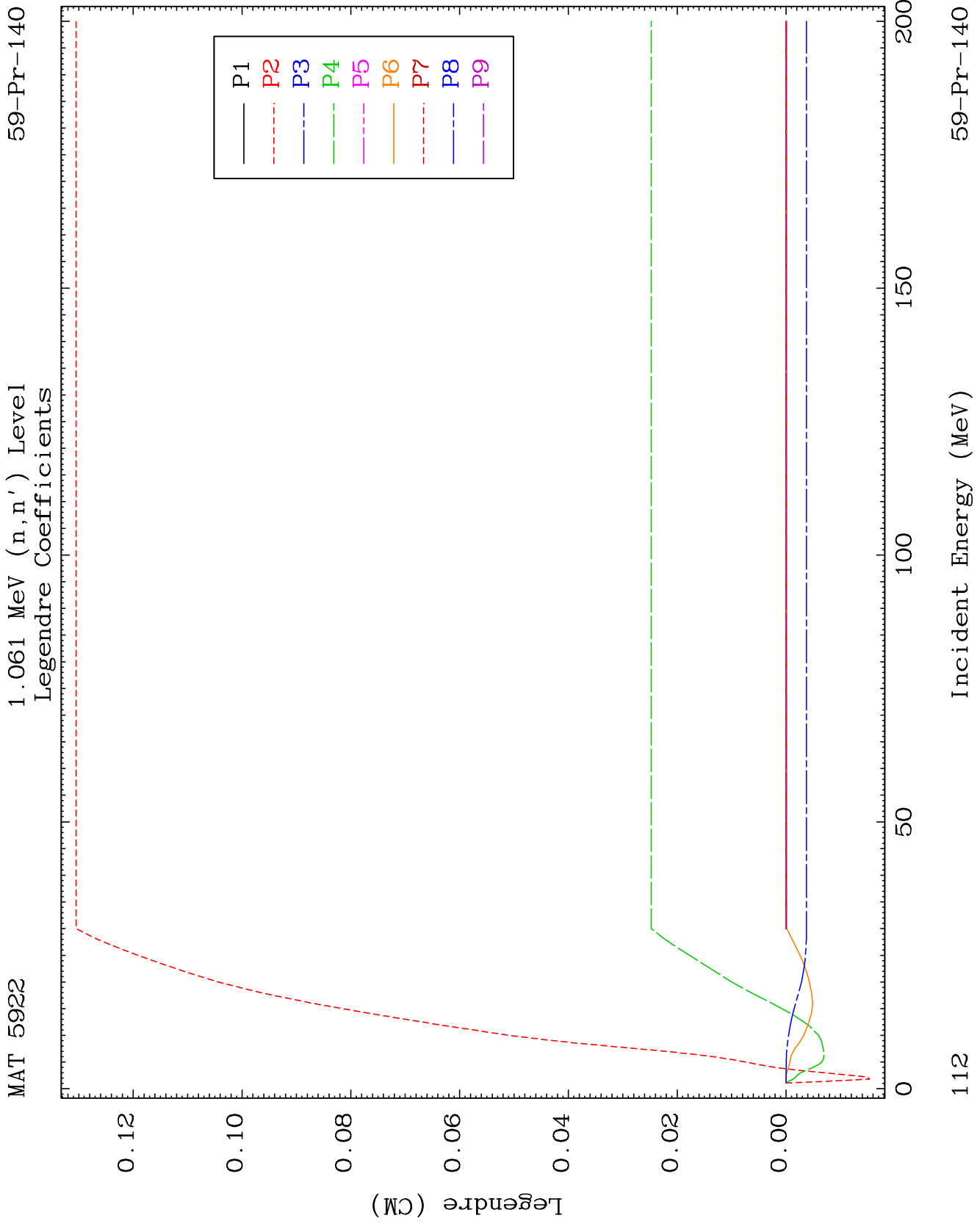








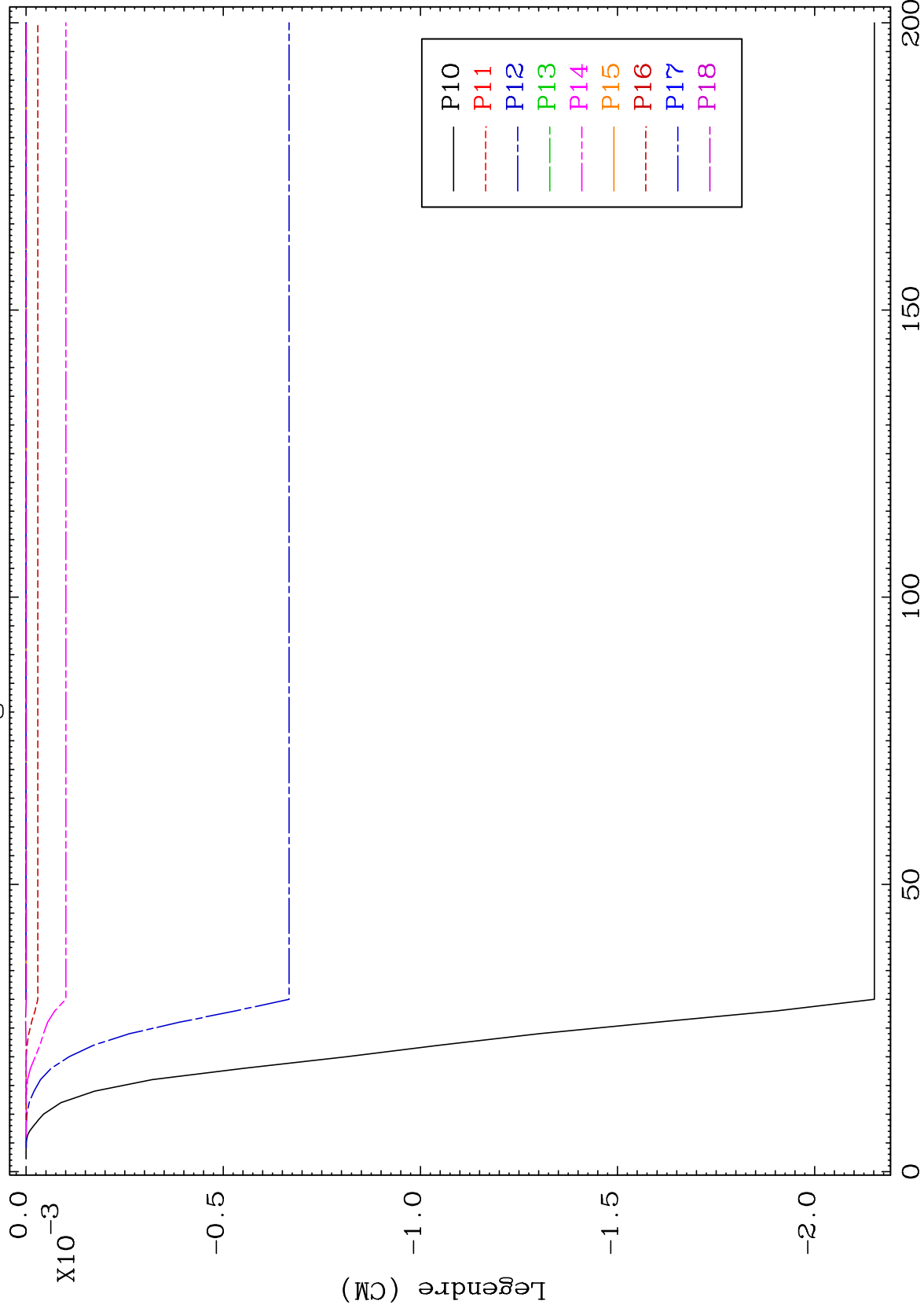




MAT 5922

1.061 MeV (n,n') Level
Legendre Coefficients

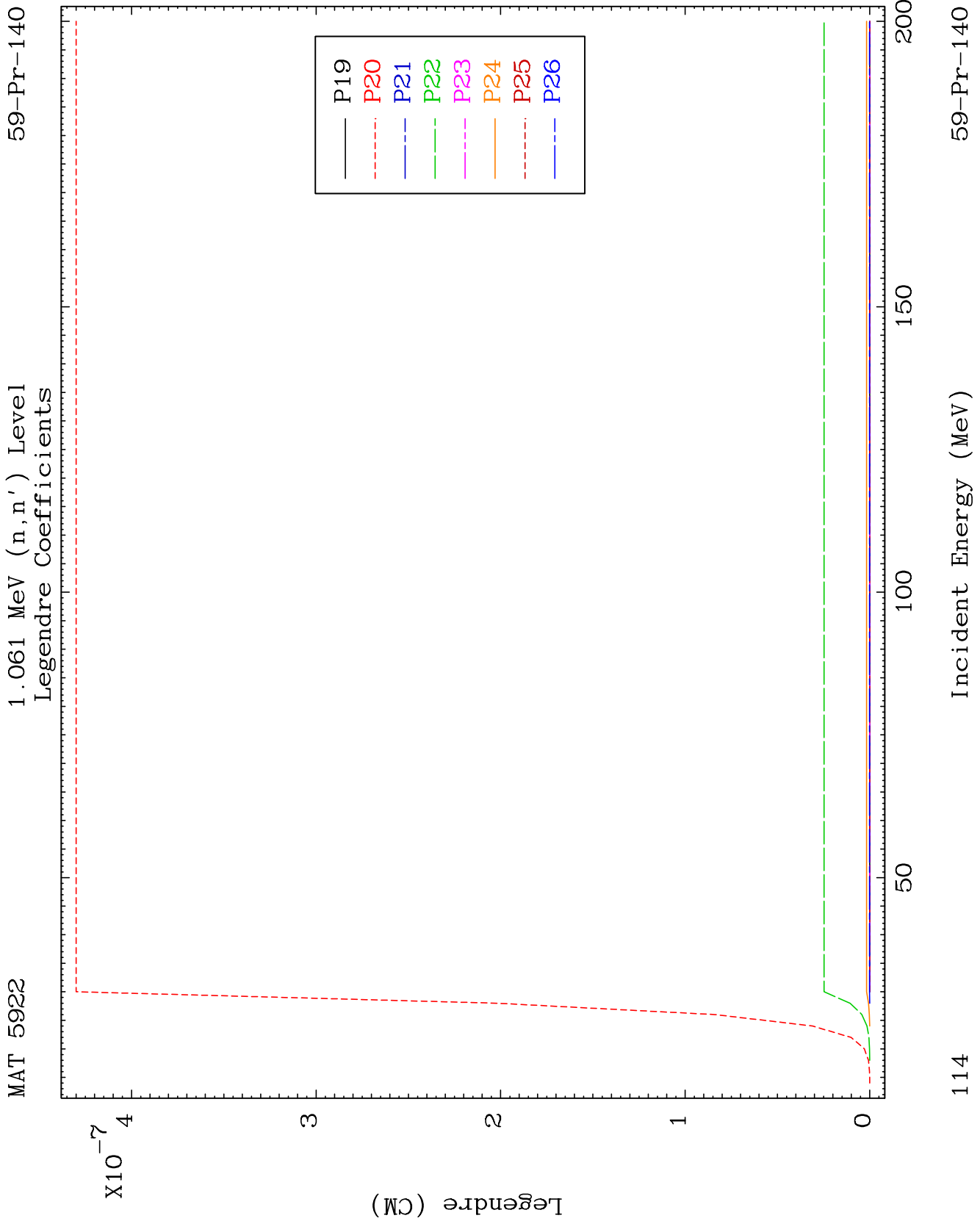
59-Pr-140

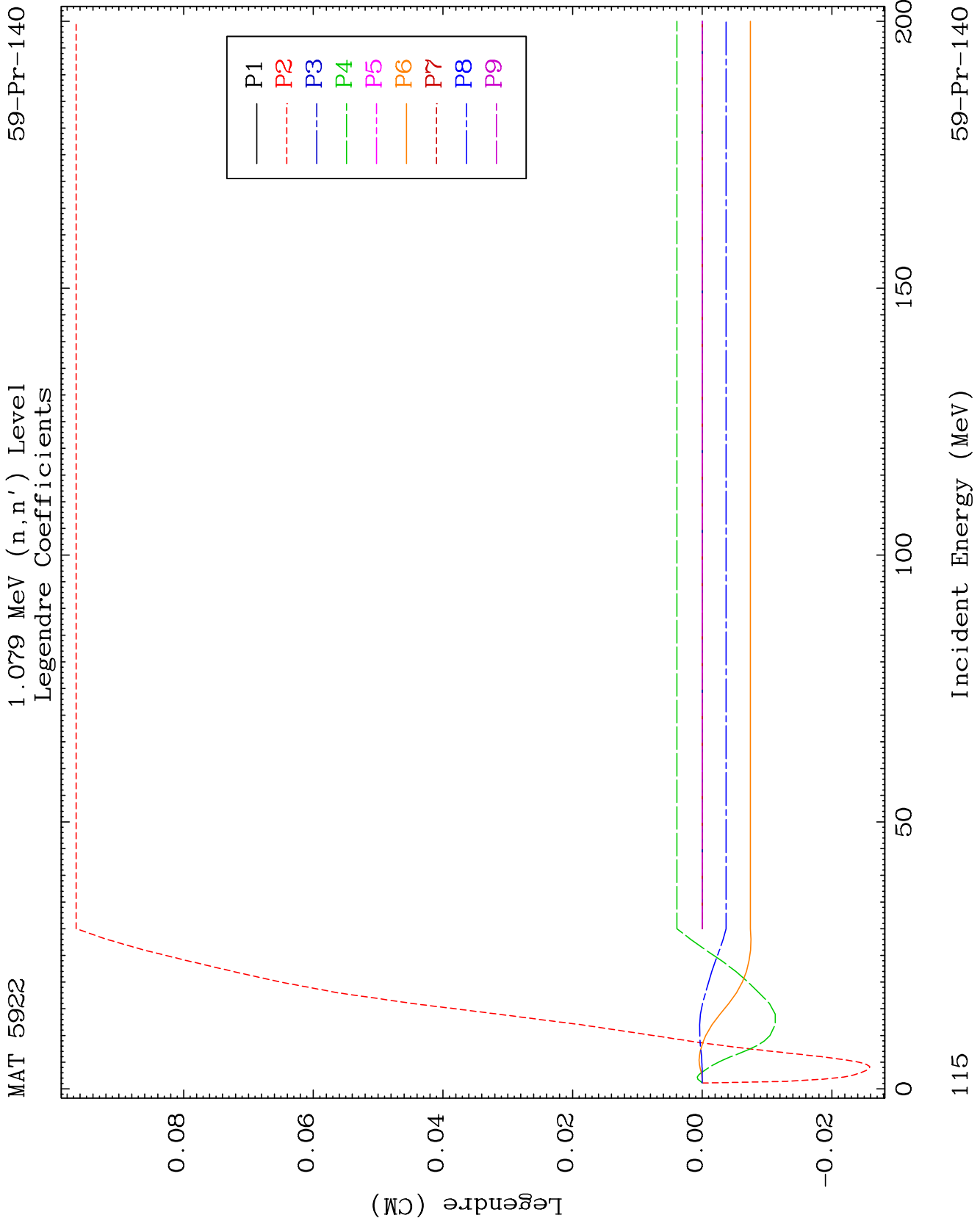


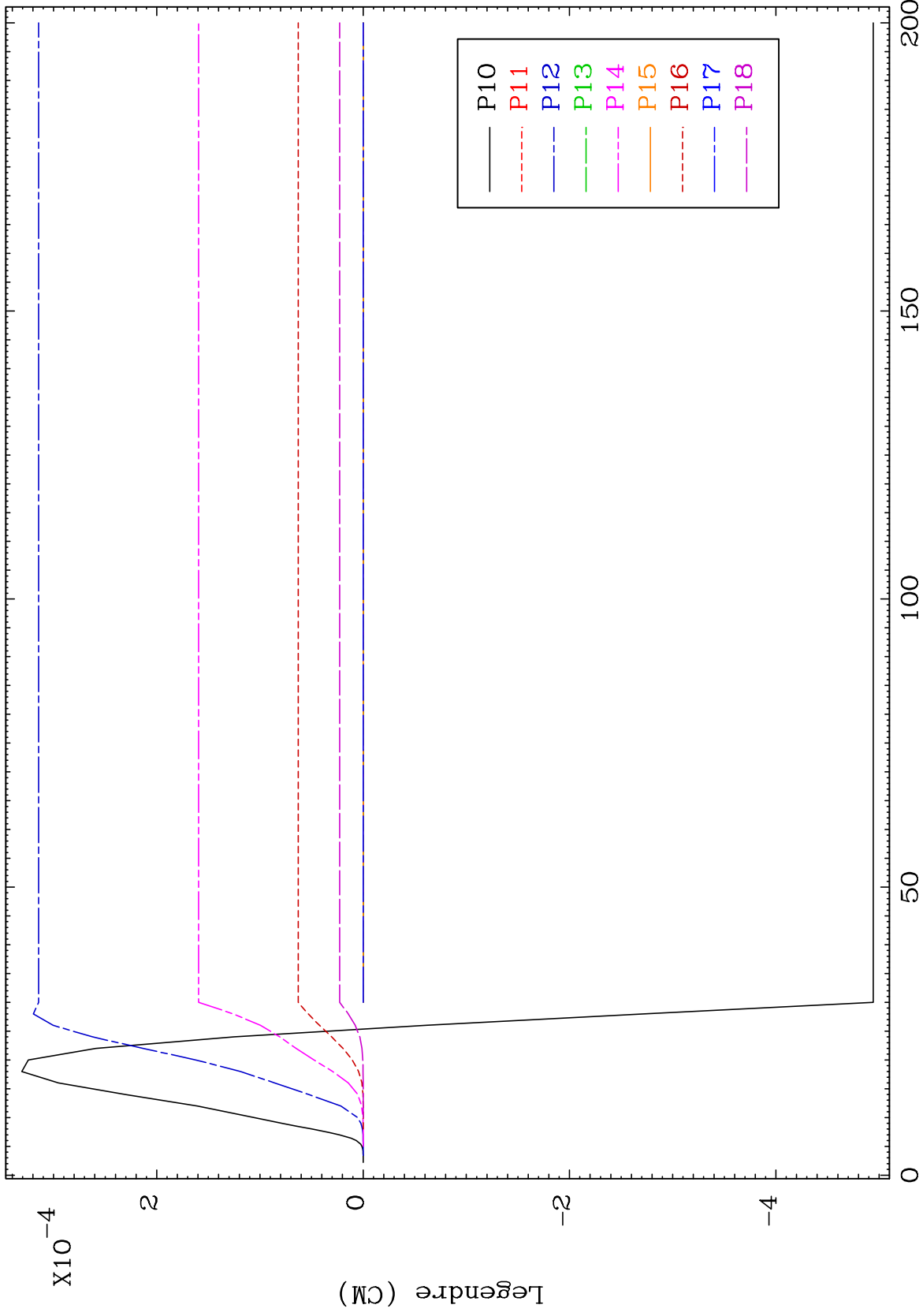
113

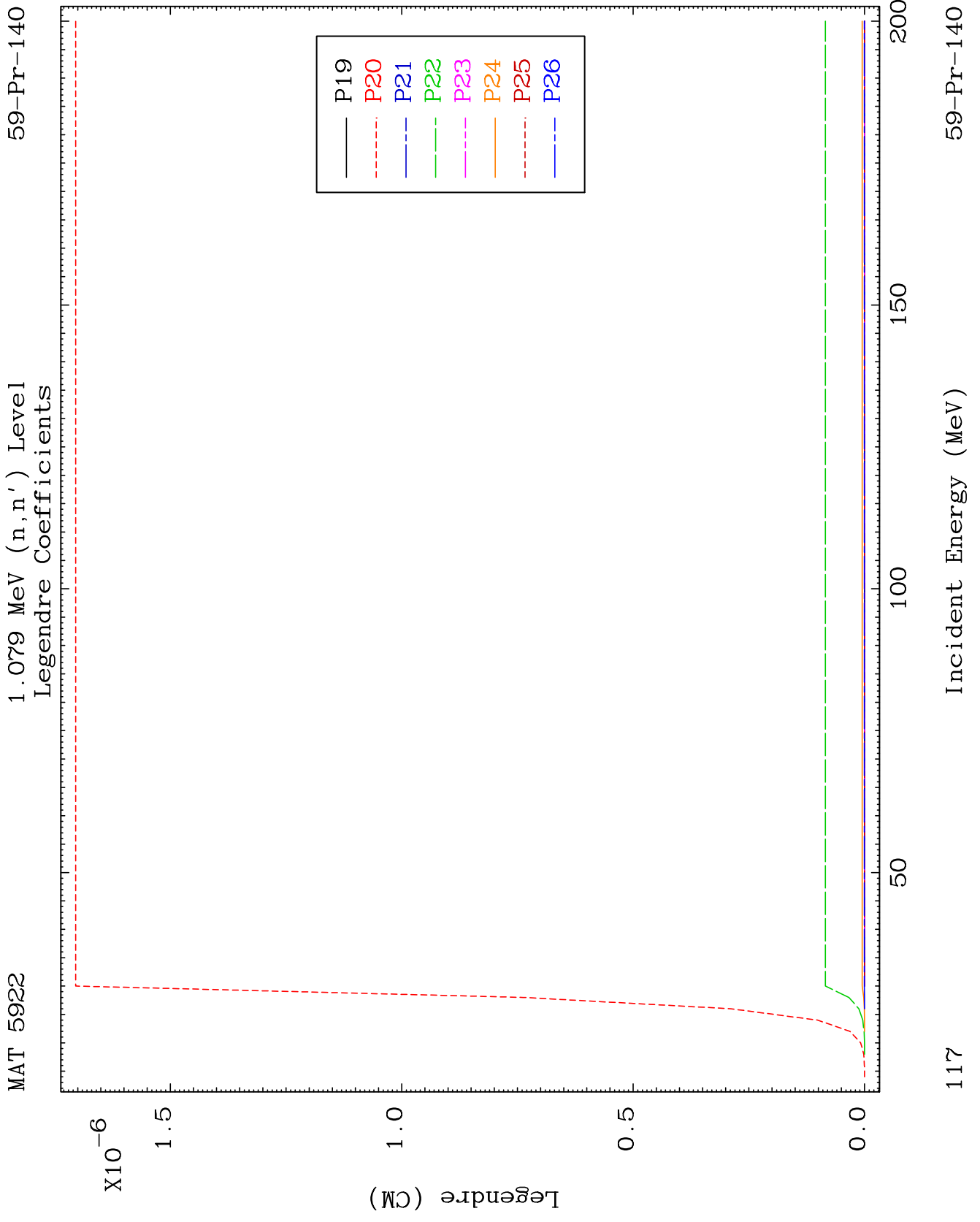
Incident Energy (MeV)

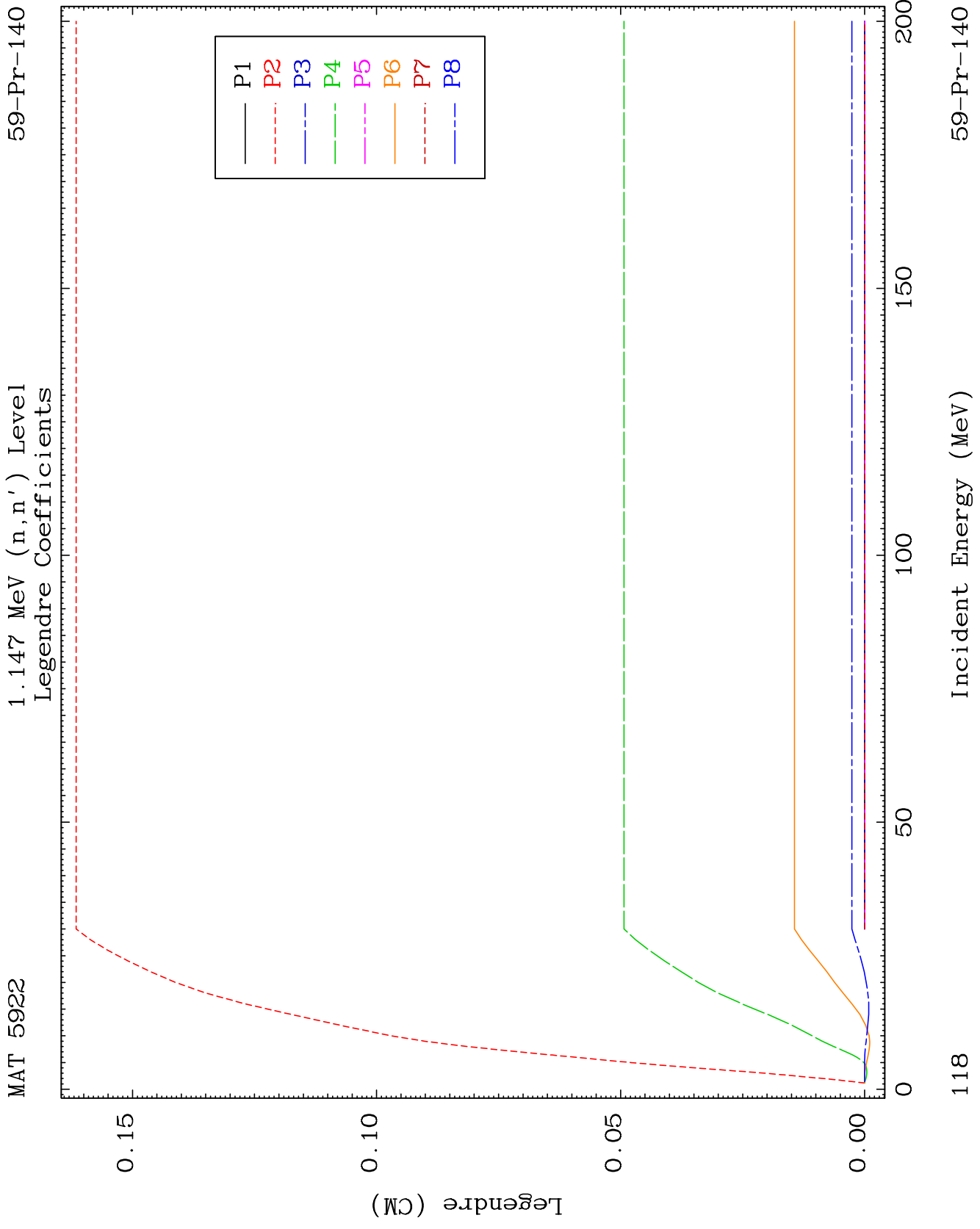
59-Pr-140

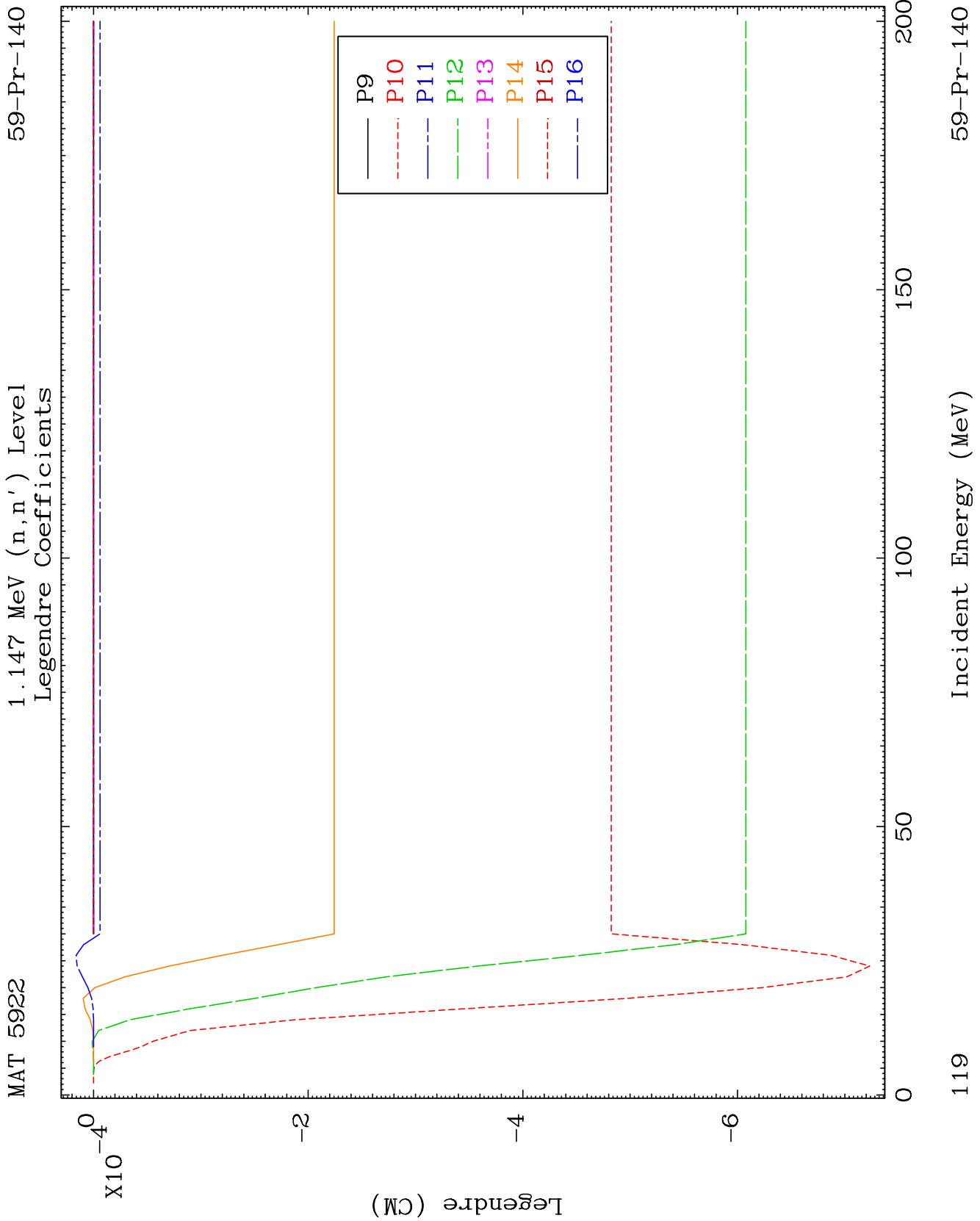










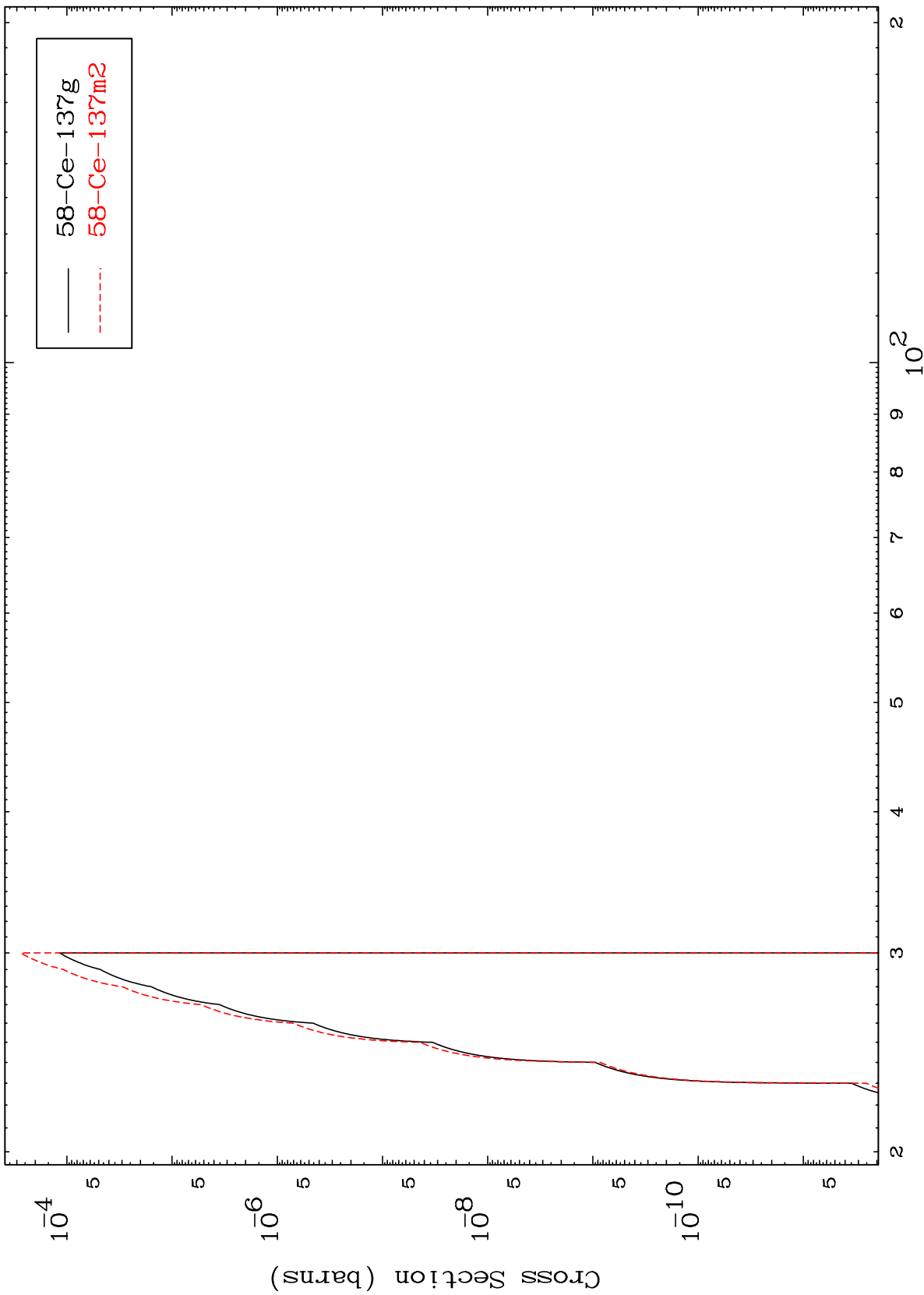


MAT 59222

(n,2n) d

59-Pr-140

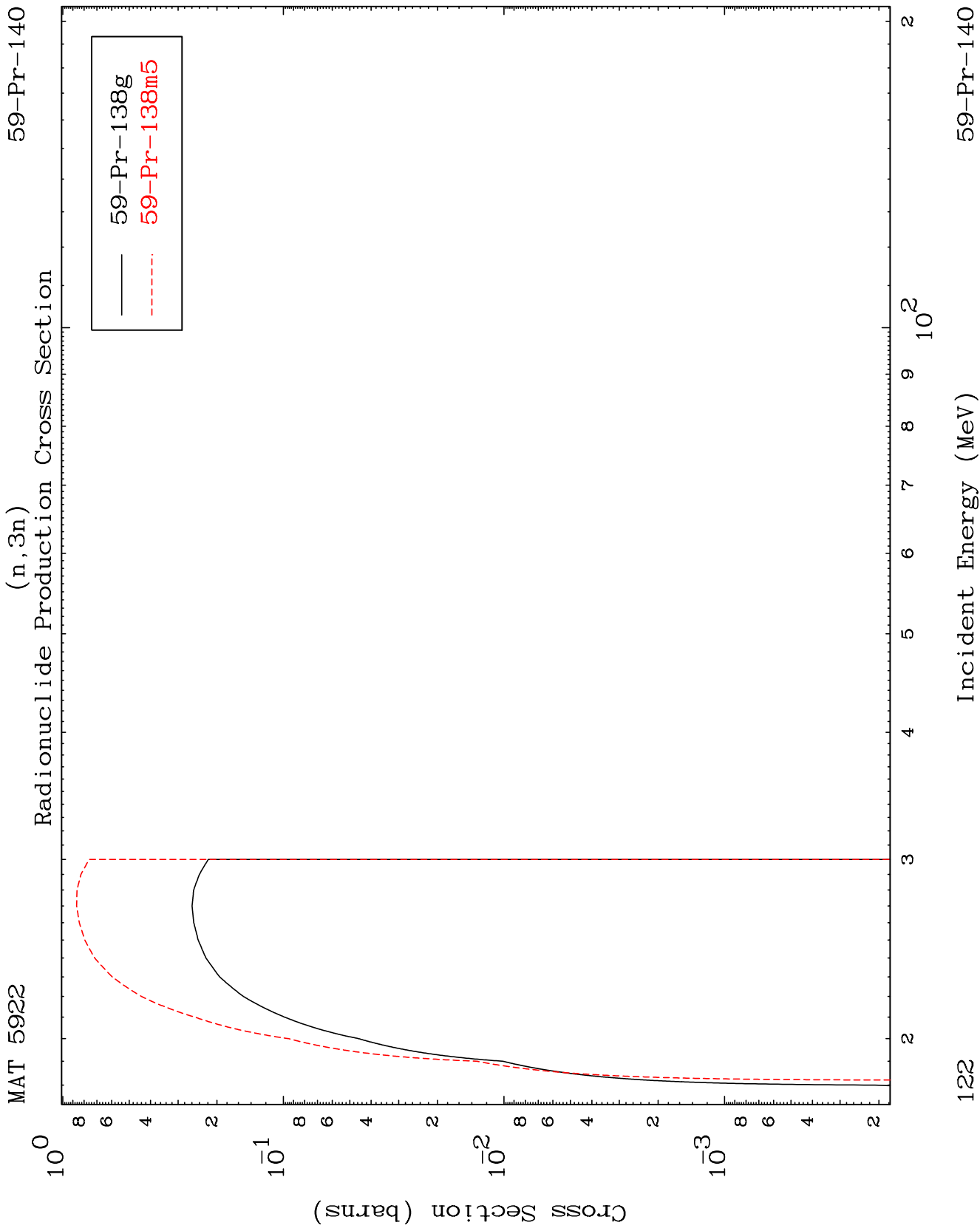
Radionuclide Production Cross Section



121

Incident Energy (MeV)

59-Pr-140

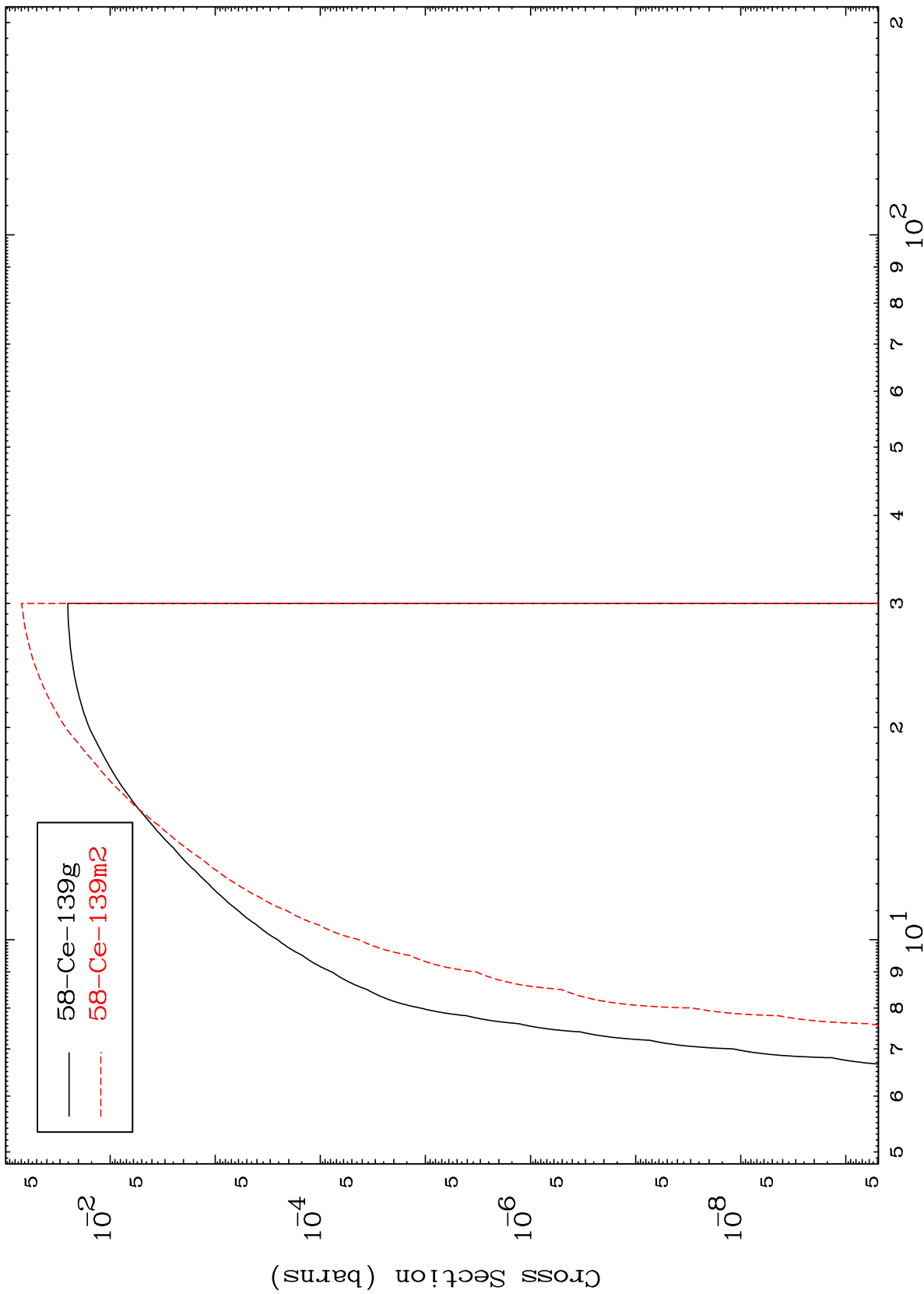


MAT 5922

(n,n') p

59-Pr-140

Radionuclide Production Cross Section

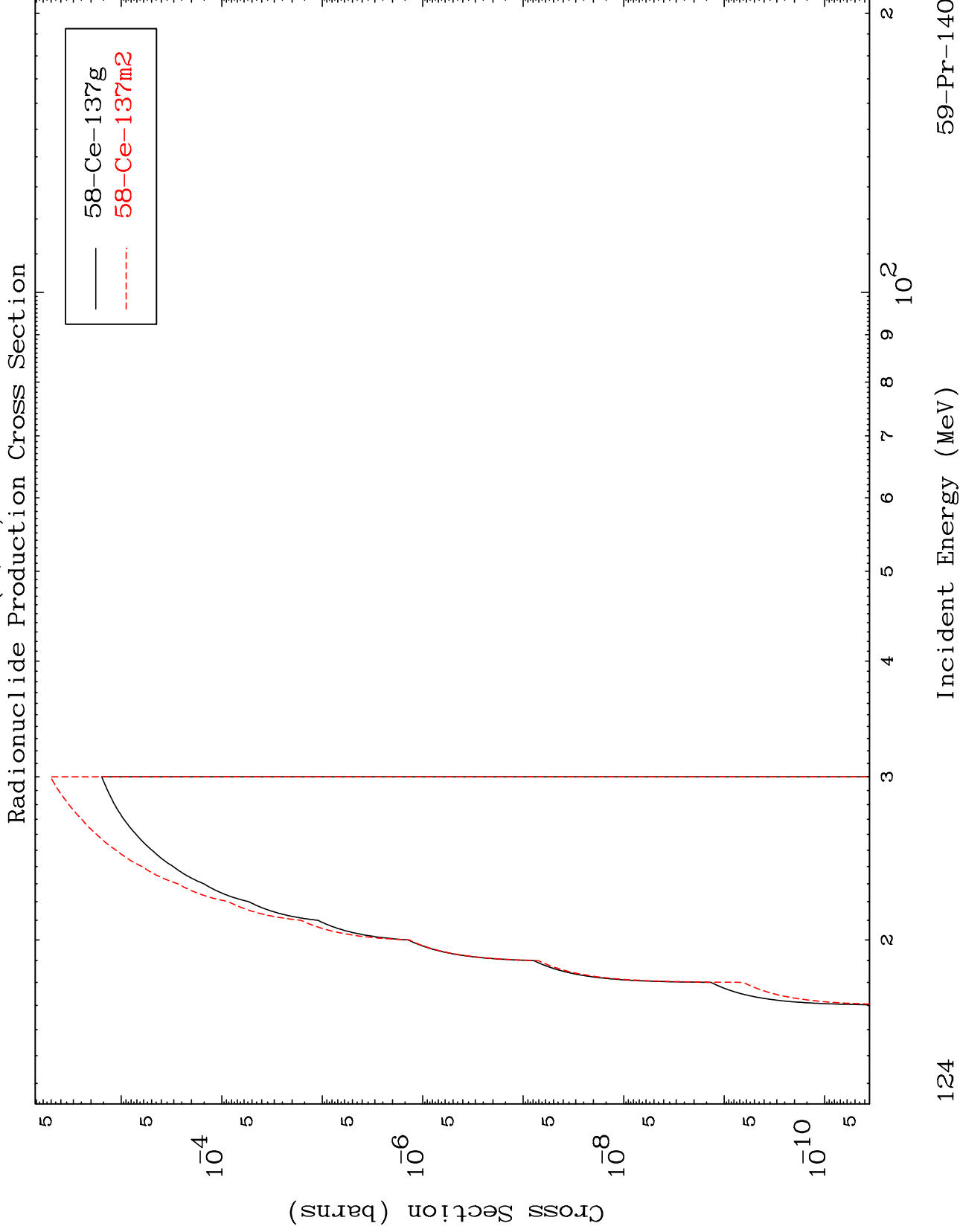


58-Ce-139g
58-Ce-139m2

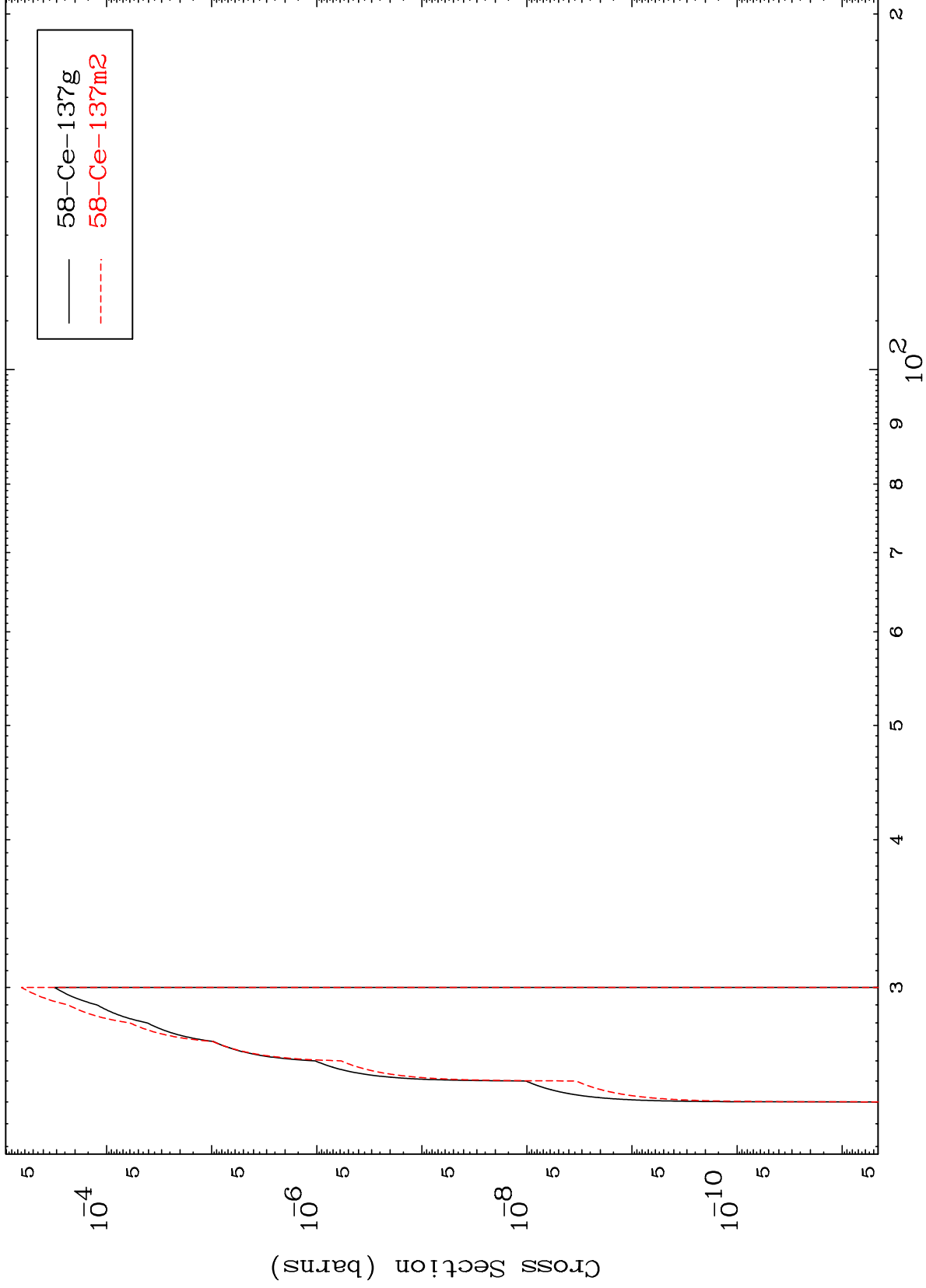
123

Incident Energy (MeV)

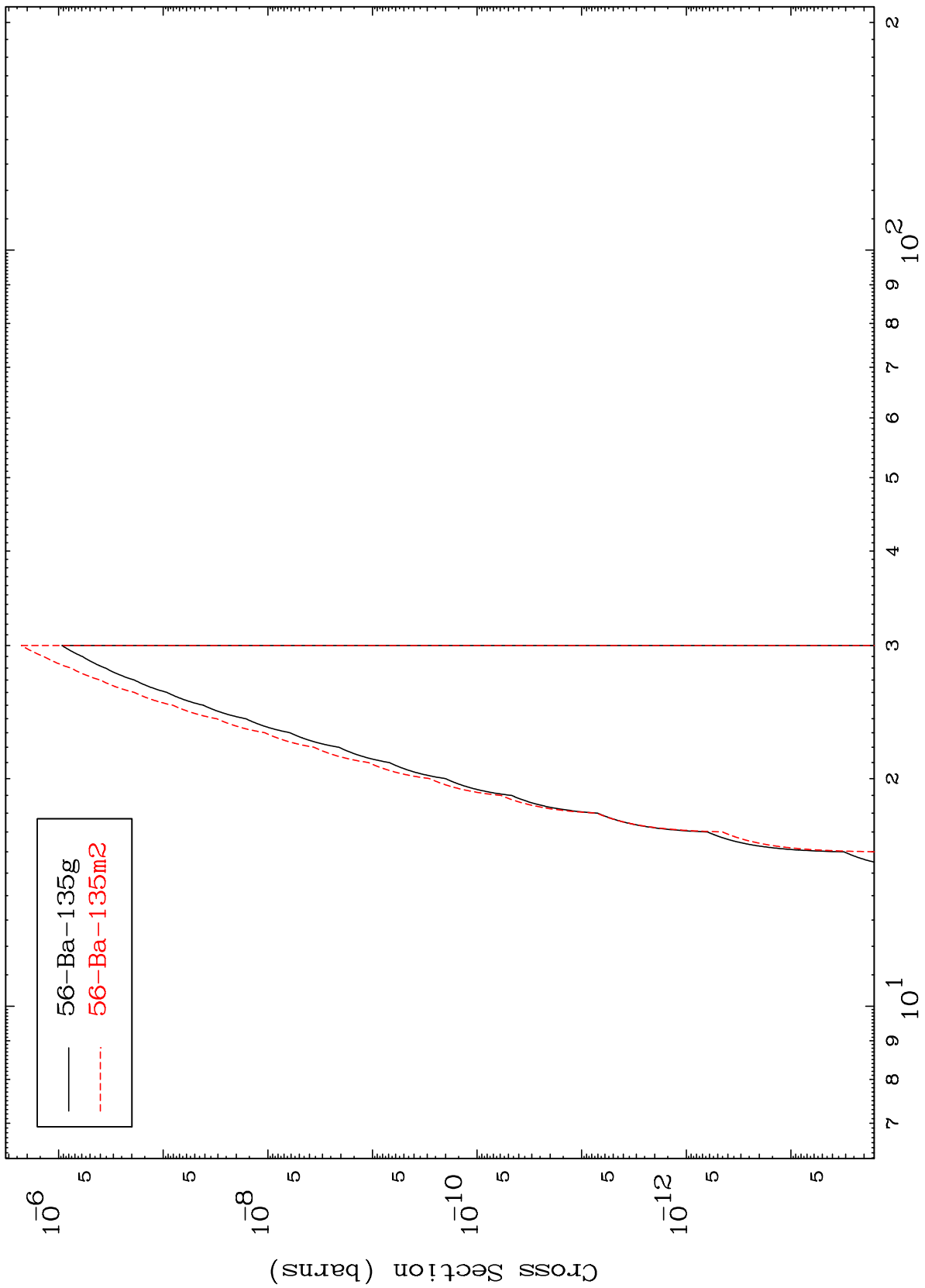
59-Pr-140



Radionuclide Production Cross Section



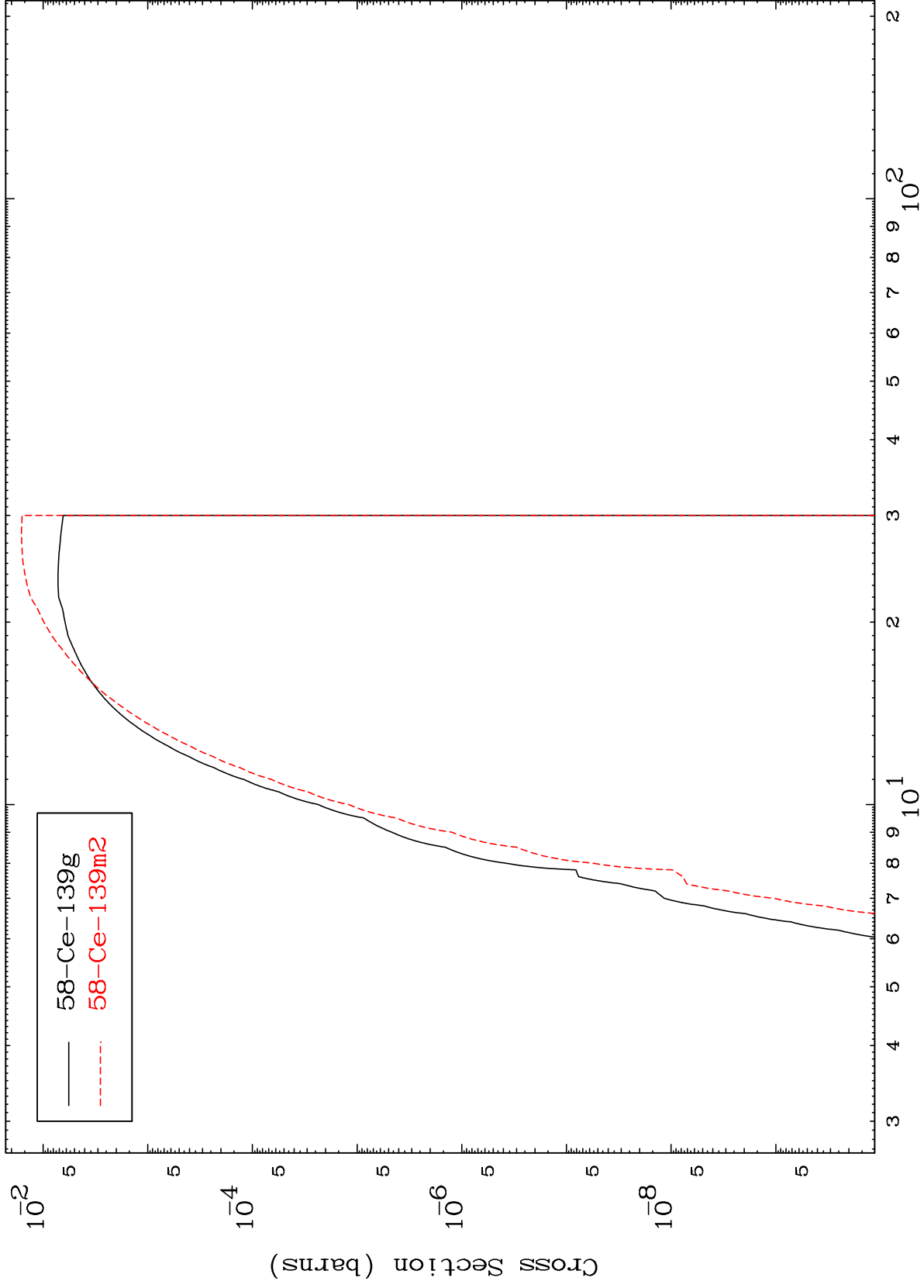
Radionuclide Production Cross Section



MAT 5922

59-Pr-140

(n,d)
Radionuclide Production Cross Section



127

59-Pr-140

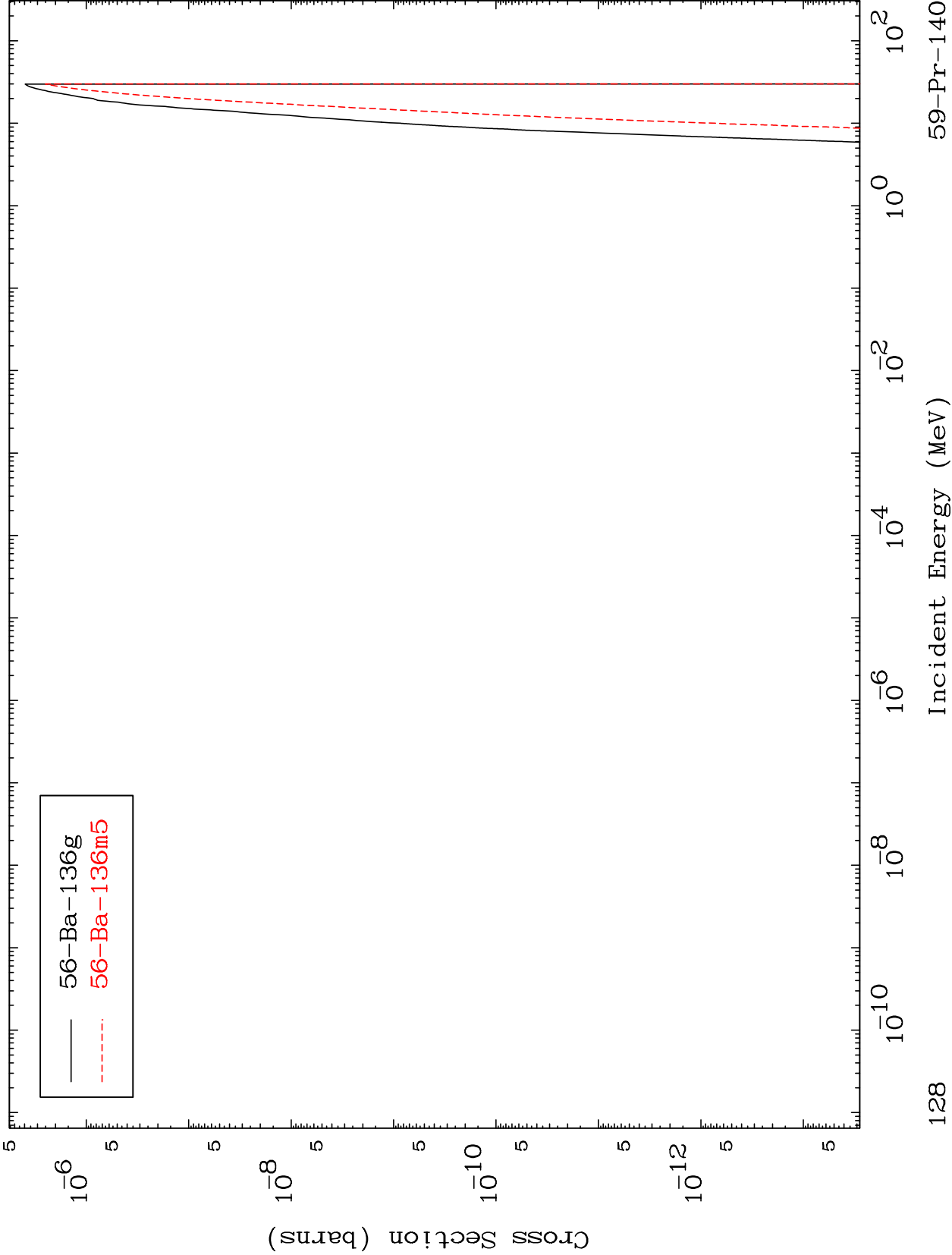
Incident Energy (MeV)

MAT 5922

(n,p) α

59-Pr-140

Radionuclide Production Cross Section

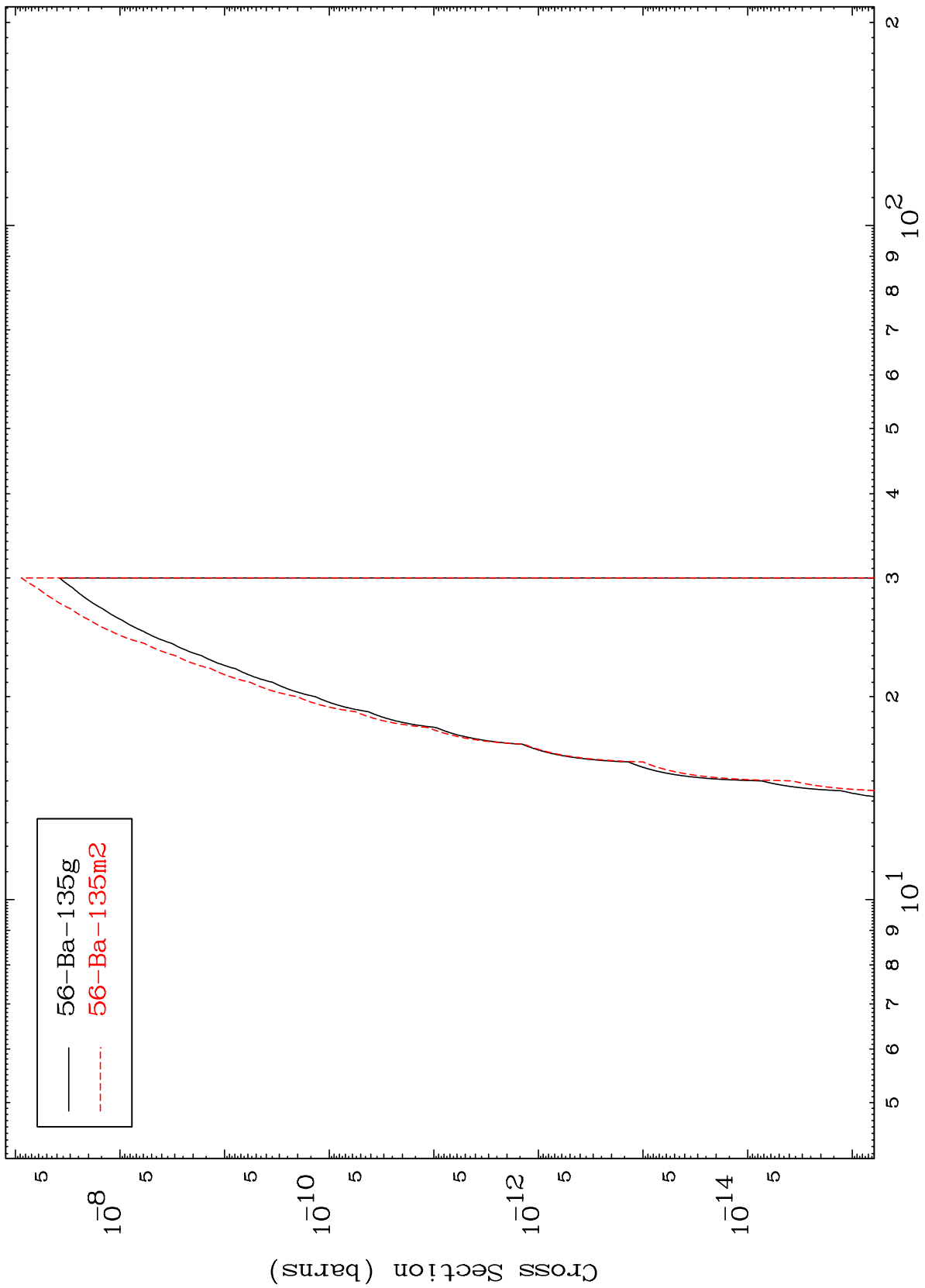


MAT 5922

(n,d) α

59-Pr-140

Radionuclide Production Cross Section



129

Incident Energy (MeV)

59-Pr-140