

Program EVALPLOT
(Version 2015-2)

by

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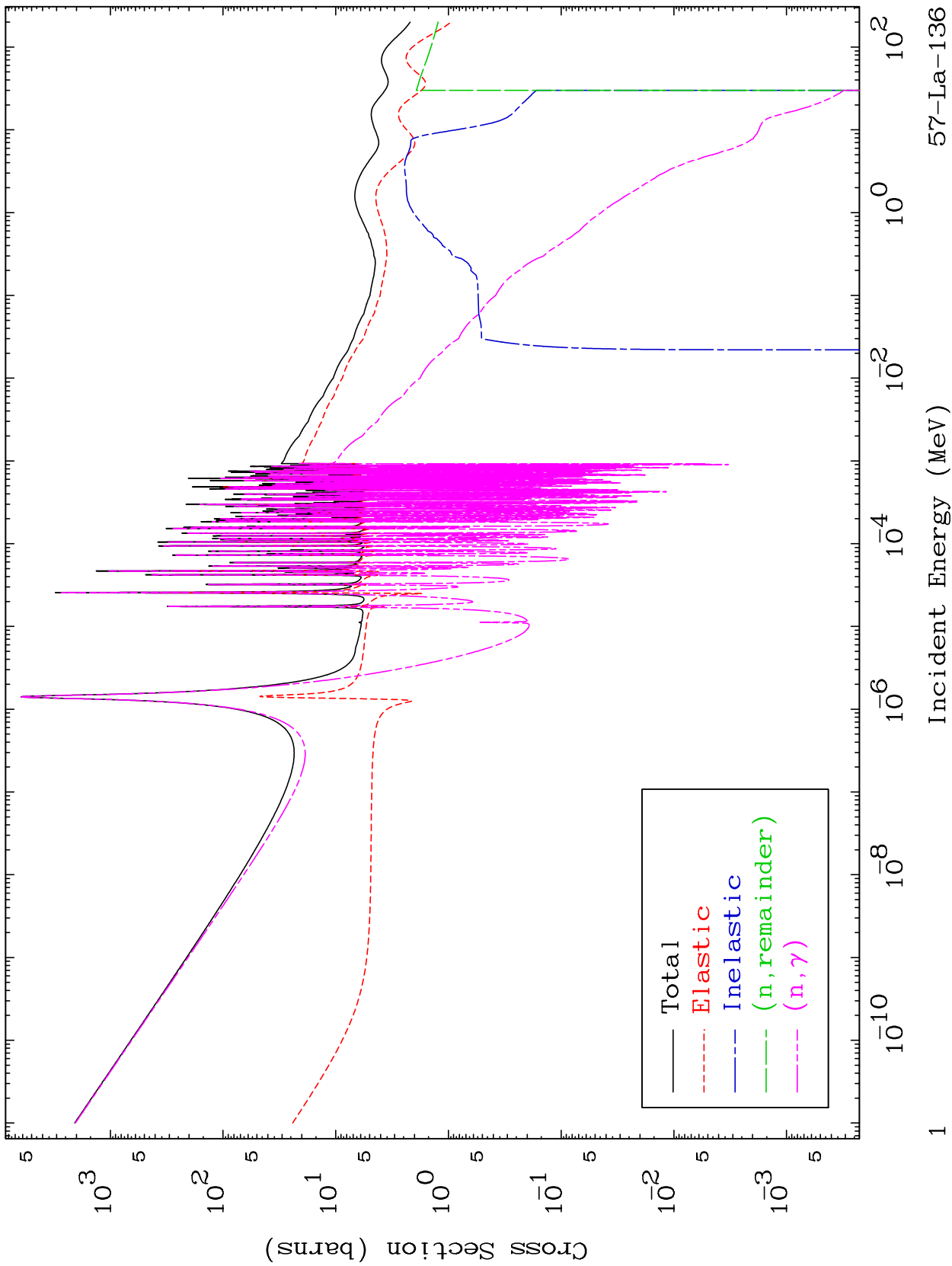
Press Mouse Button to Start

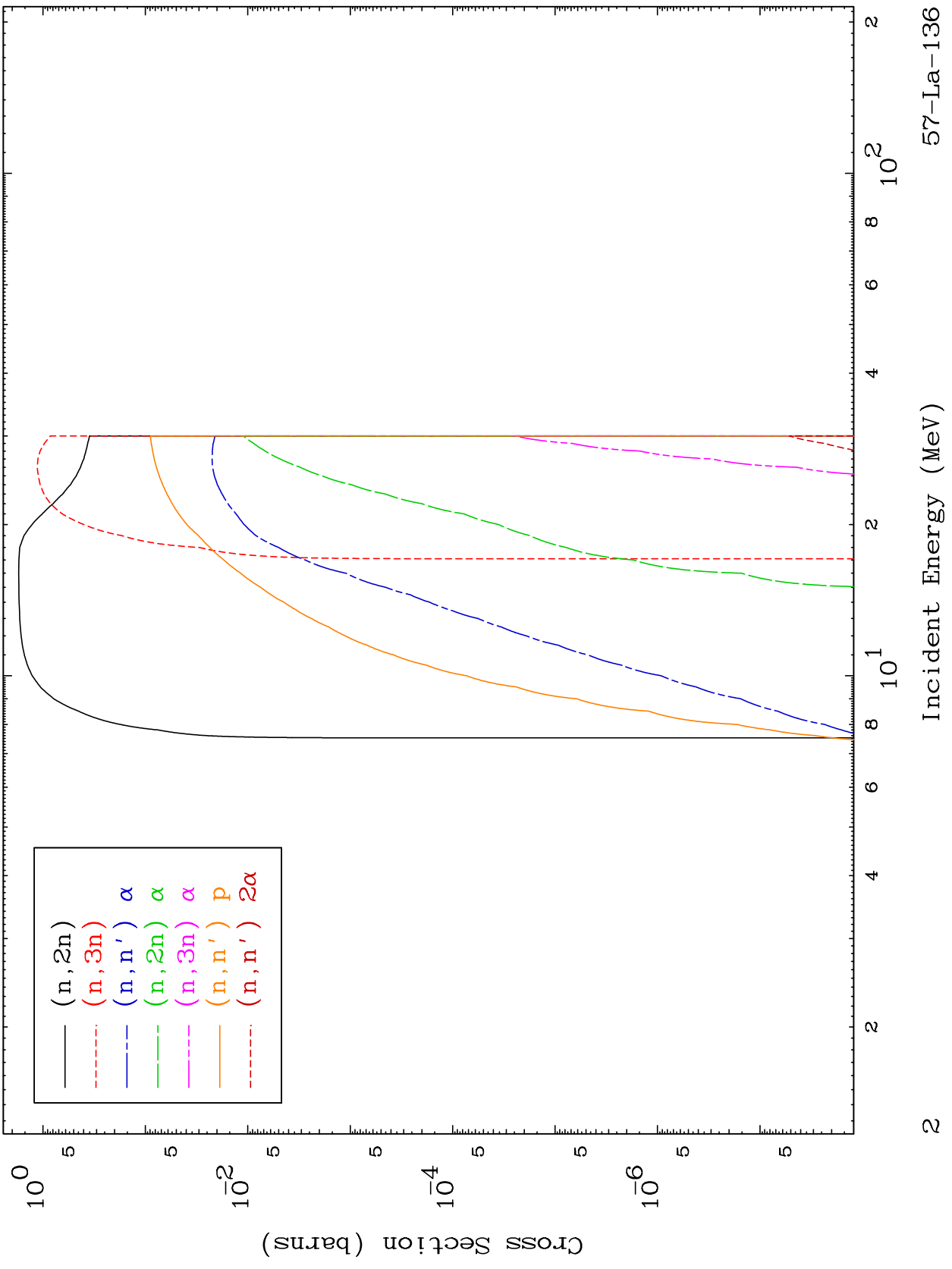
MAT 5719

Major

293 Kelvin Cross Sections

57-La-136

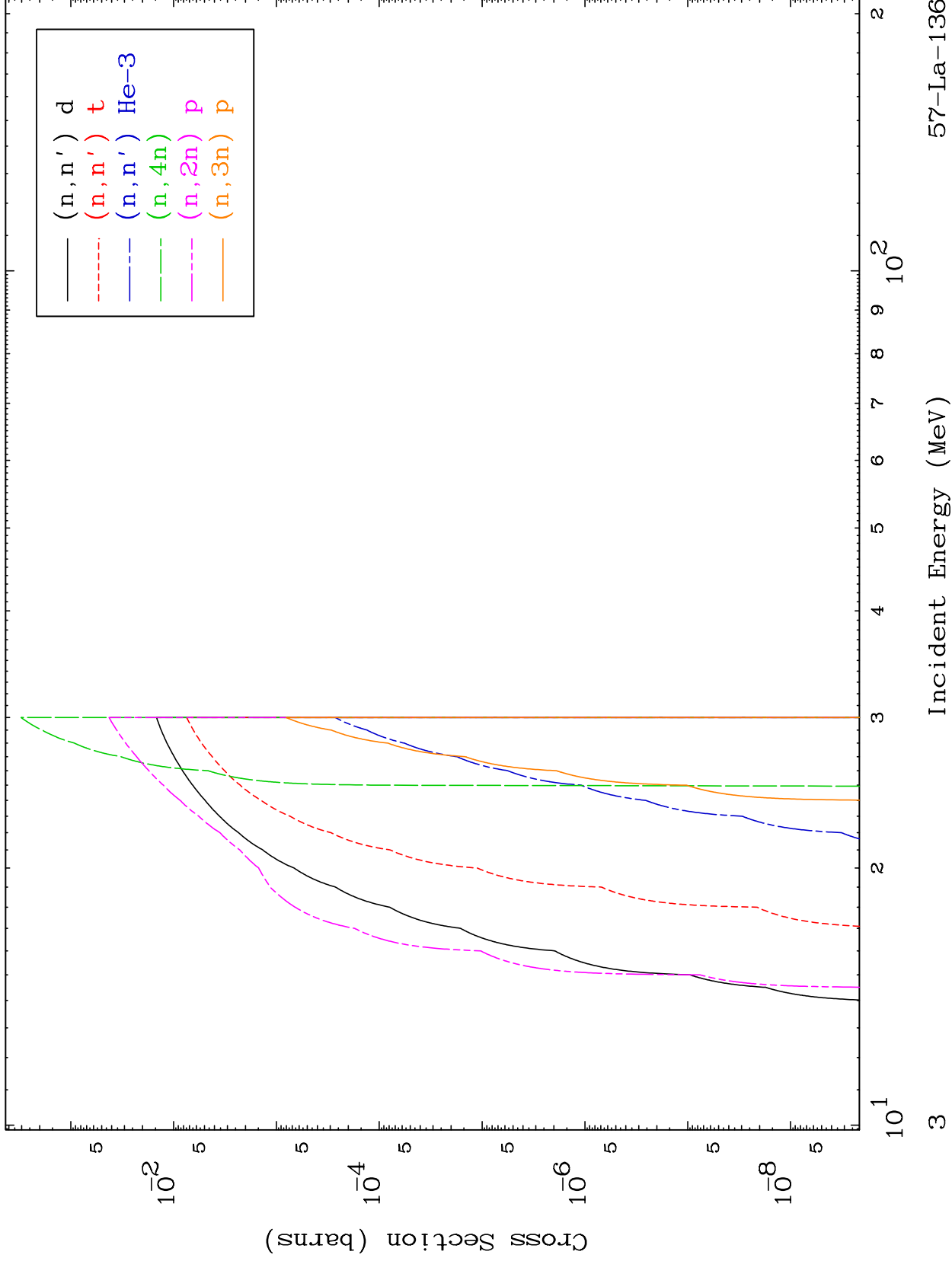




MAT 5719

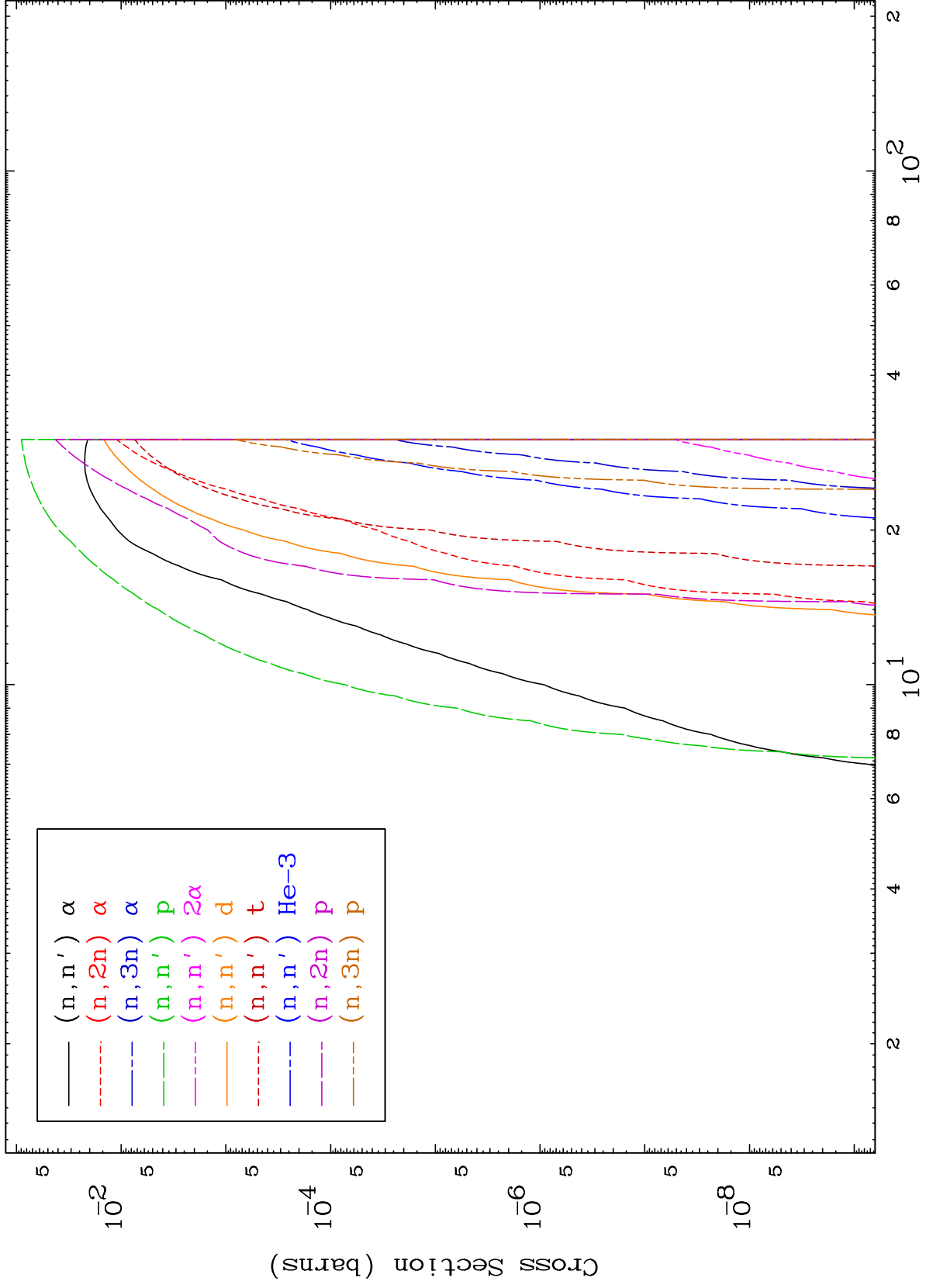
Neutron Production
293 Kelvin Cross Sections

57-La-136



57-La-136

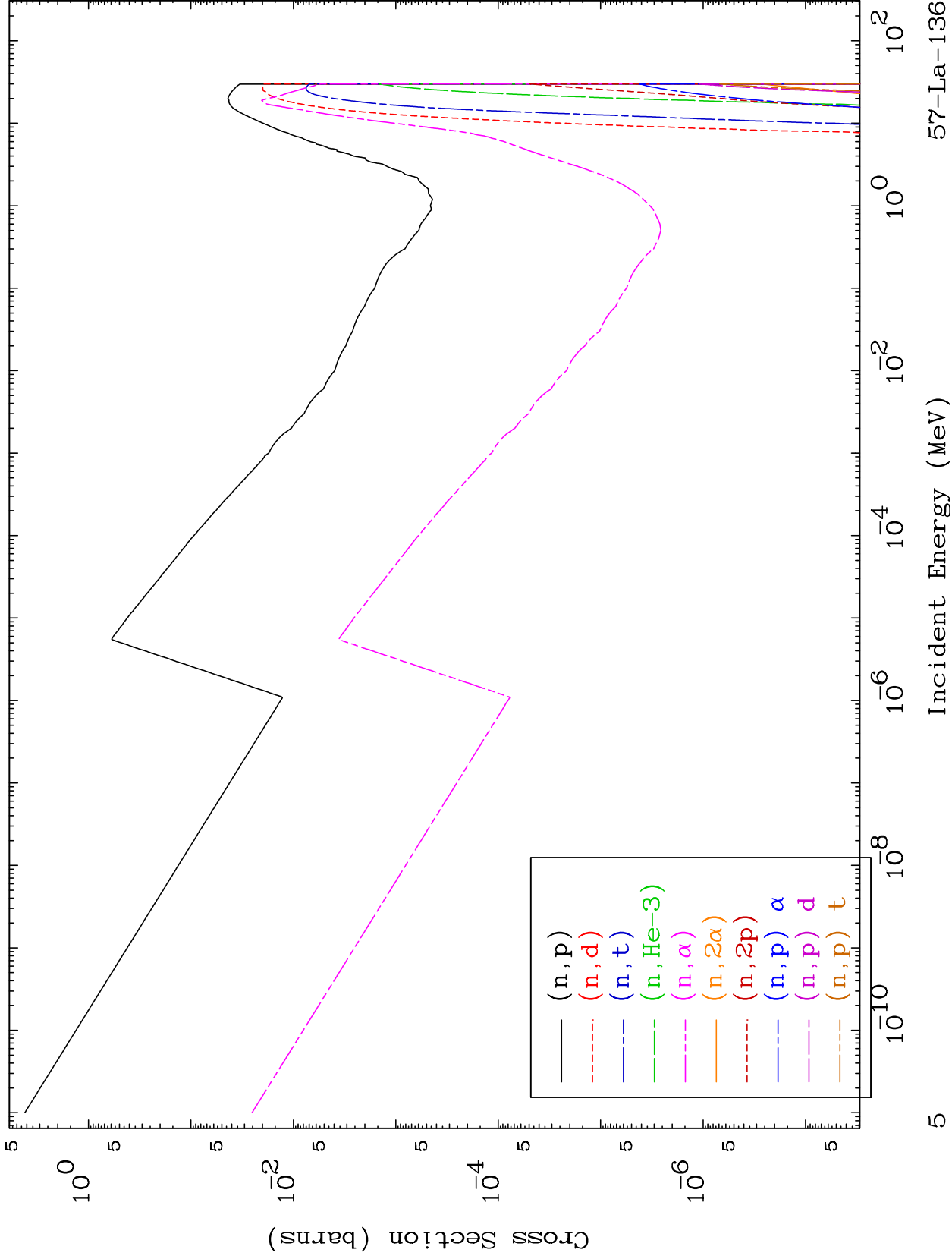
Incident Energy (MeV)



MAT 5719

Charged Particle
293 Kelvin Cross Sections

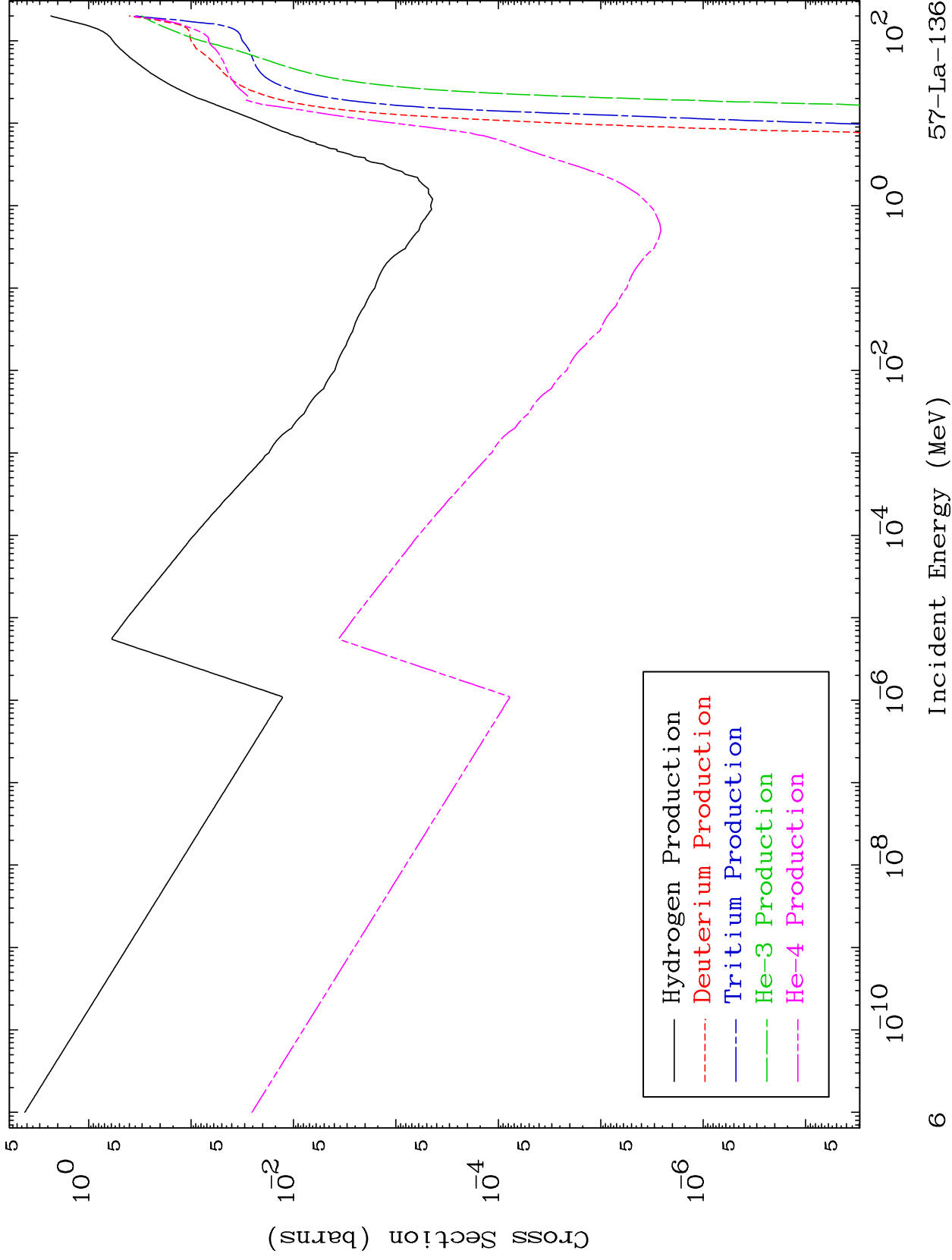
57-La-136



MAT 5719

Particle Production
293 Kelvin Cross Sections

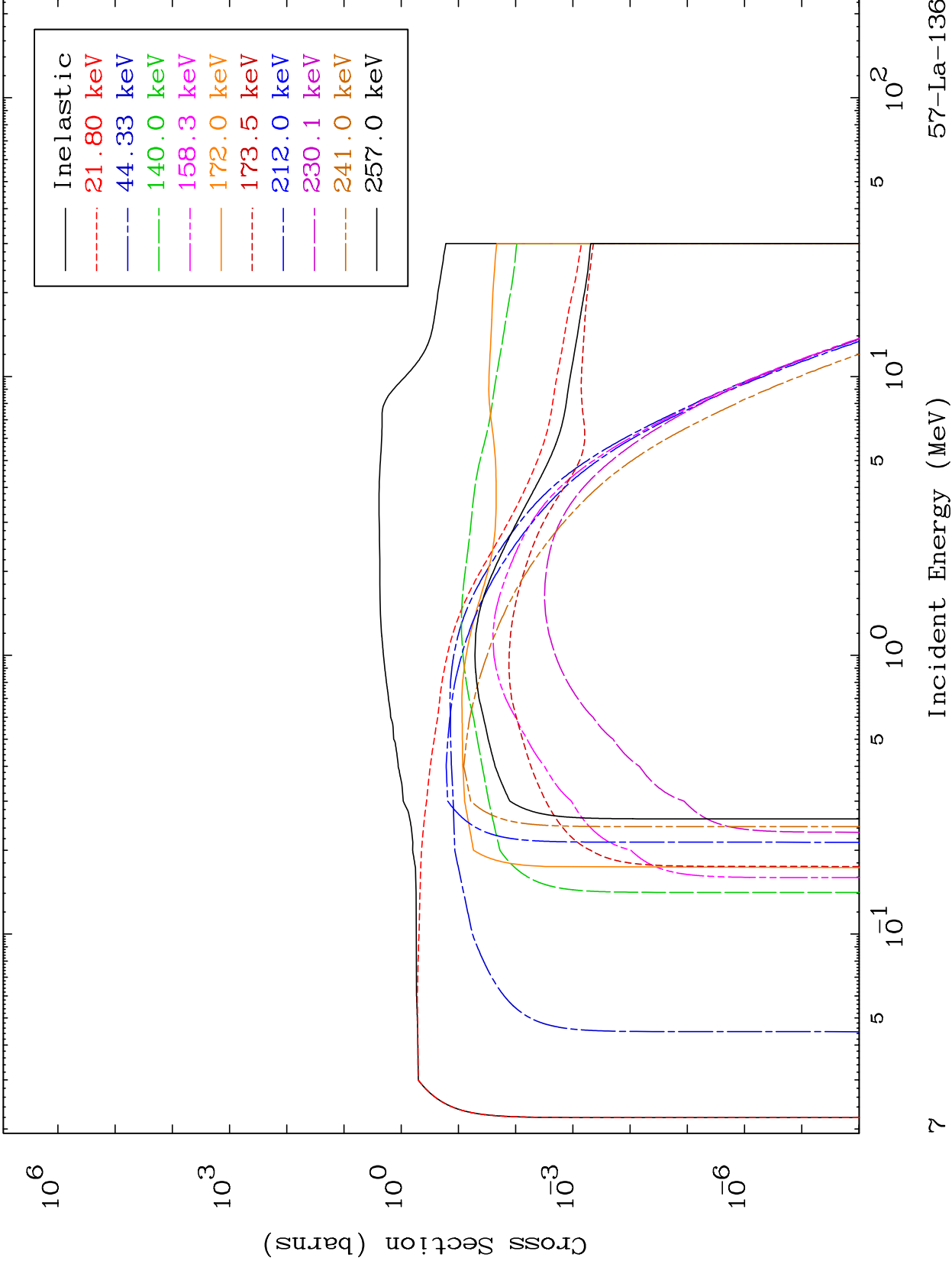
57-La-136



MAT 5719

(n,n') Level
293 Kelvin Cross Sections

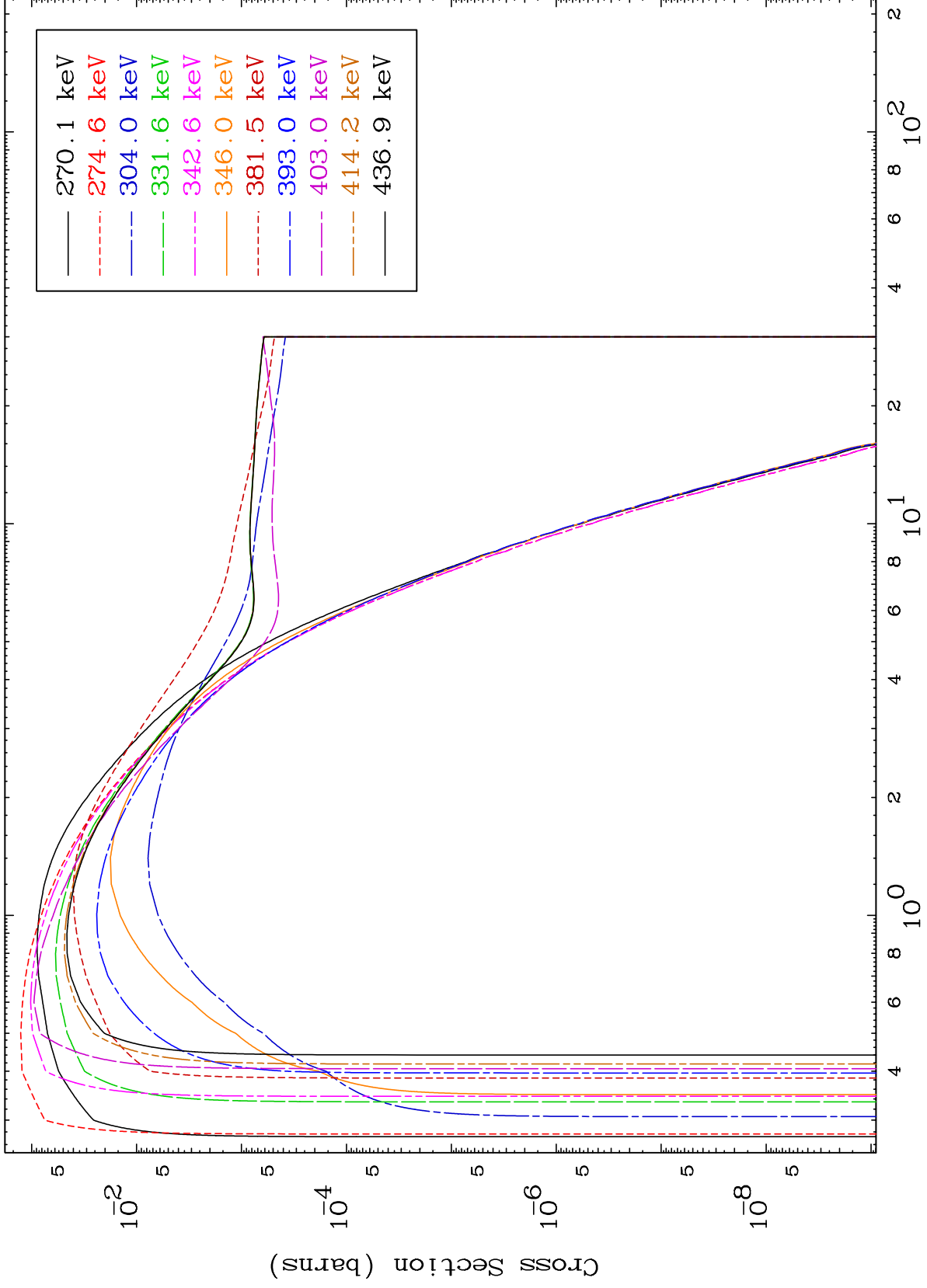
57-La-136



MAT 5719

(n,n') Level
293 Kelvin Cross Sections

57-La-136



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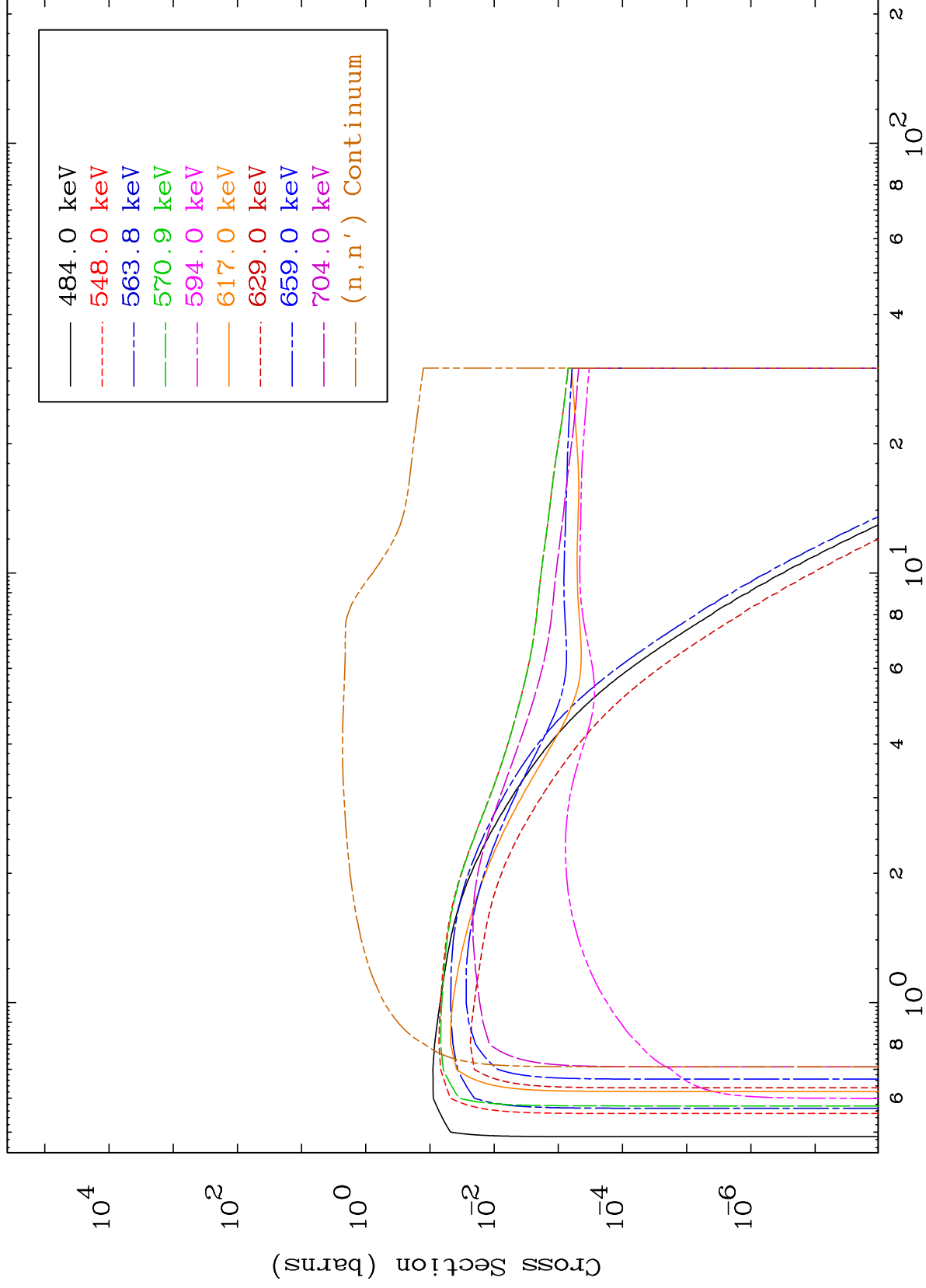
Incident Energy (MeV)

57-La-136

MAT 5719

(n,n') Level
293 Kelvin Cross Sections

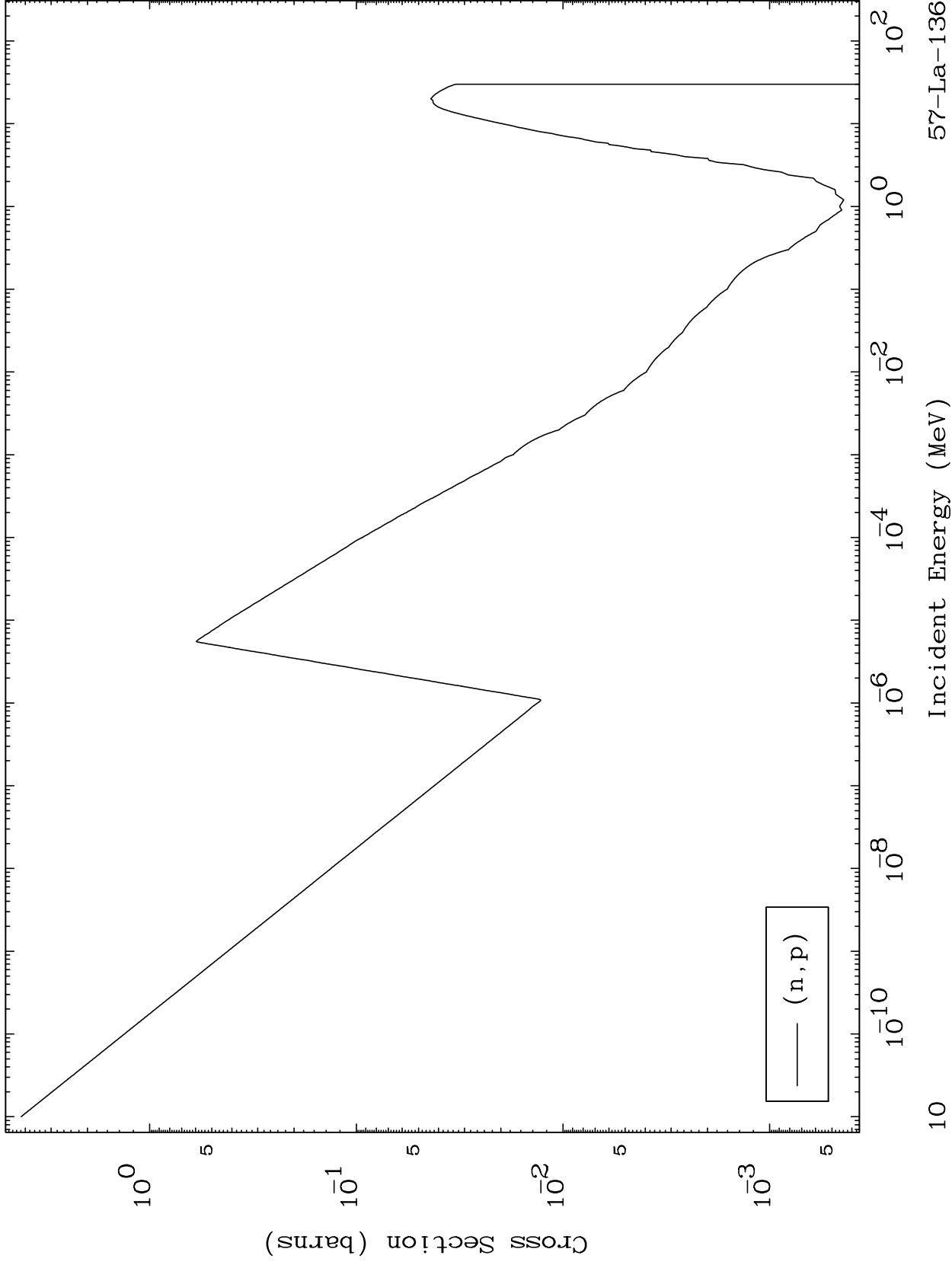
57-La-136



MAT 5719

(n,p) Levels
293 Kelvin Cross Sections

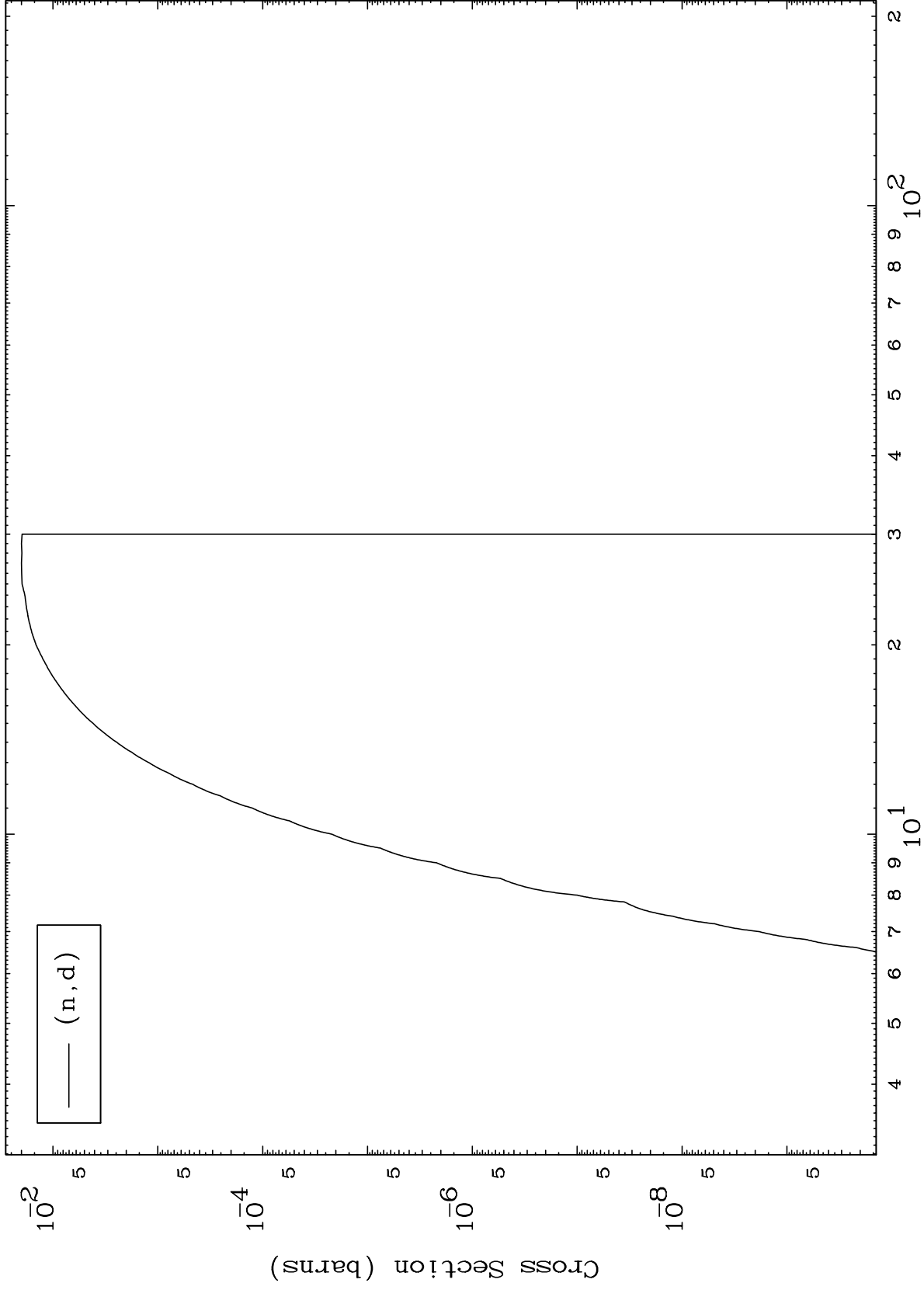
57-La-136



MAT 5719

(n,d) Levels
293 Kelvin Cross Sections

57-La-136



11

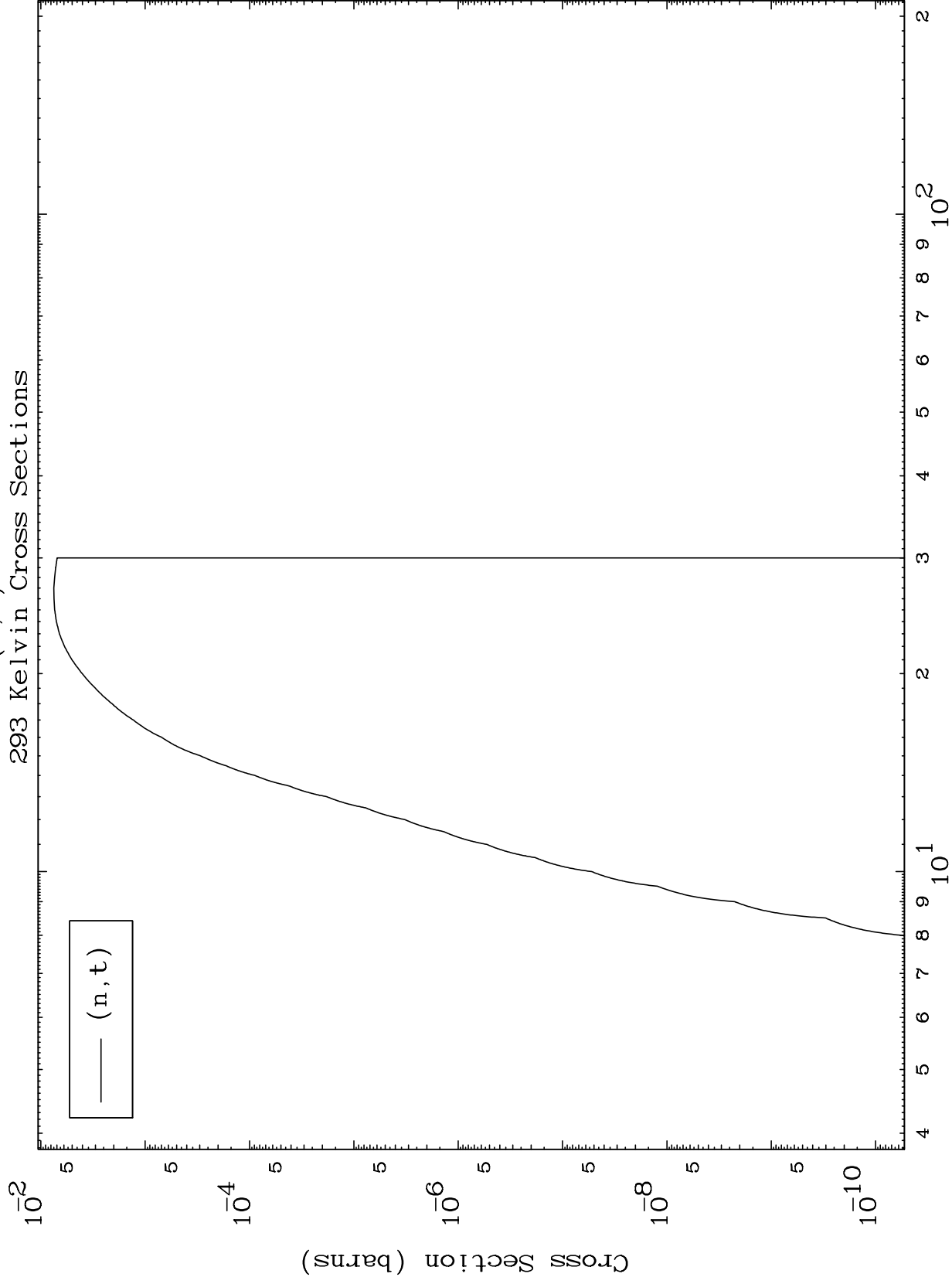
Incident Energy (MeV)

57-La-136

MAT 5719

(n,t) Levels
293 Kelvin Cross Sections

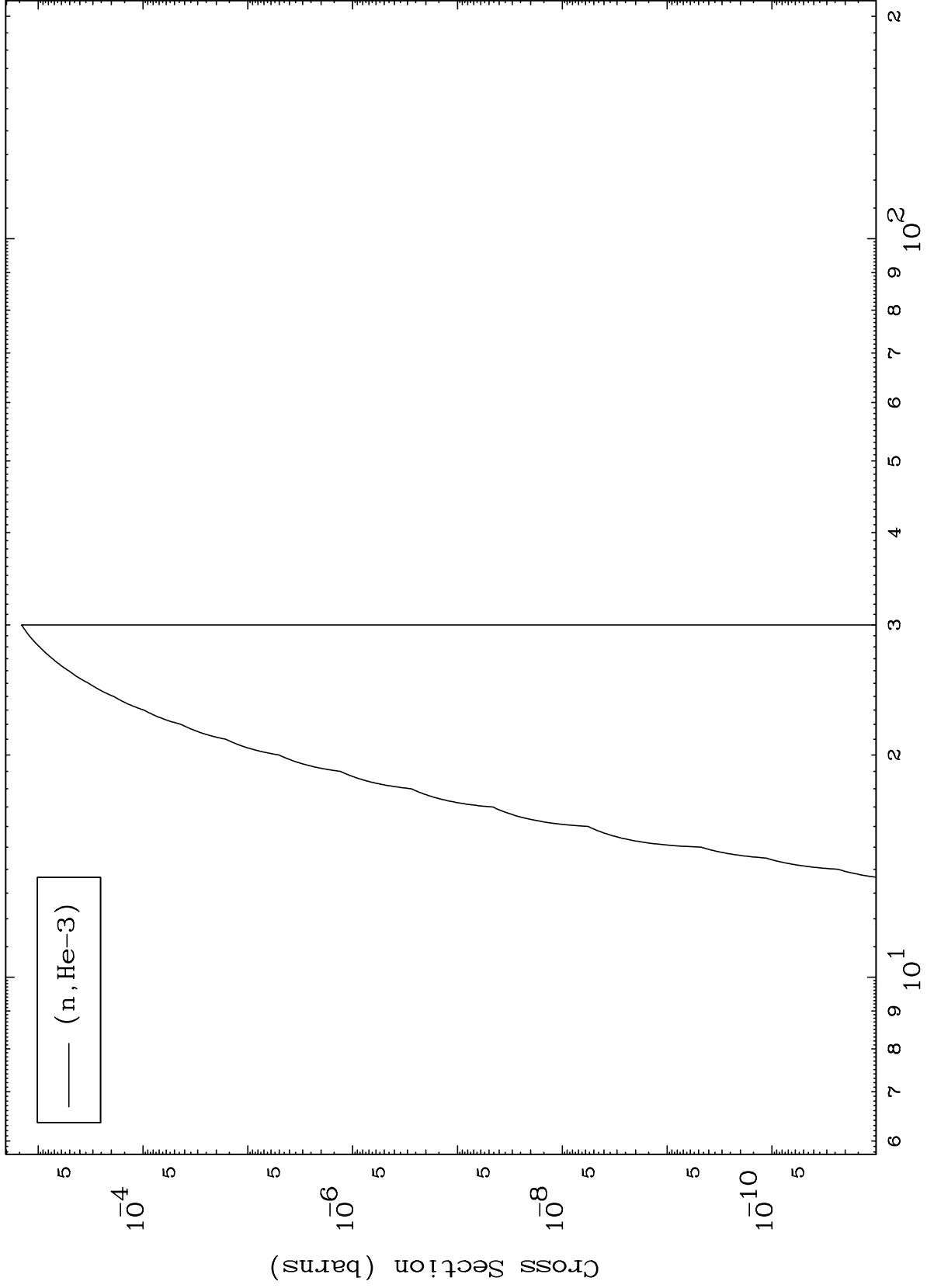
57-La-136



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Incident Energy (MeV)

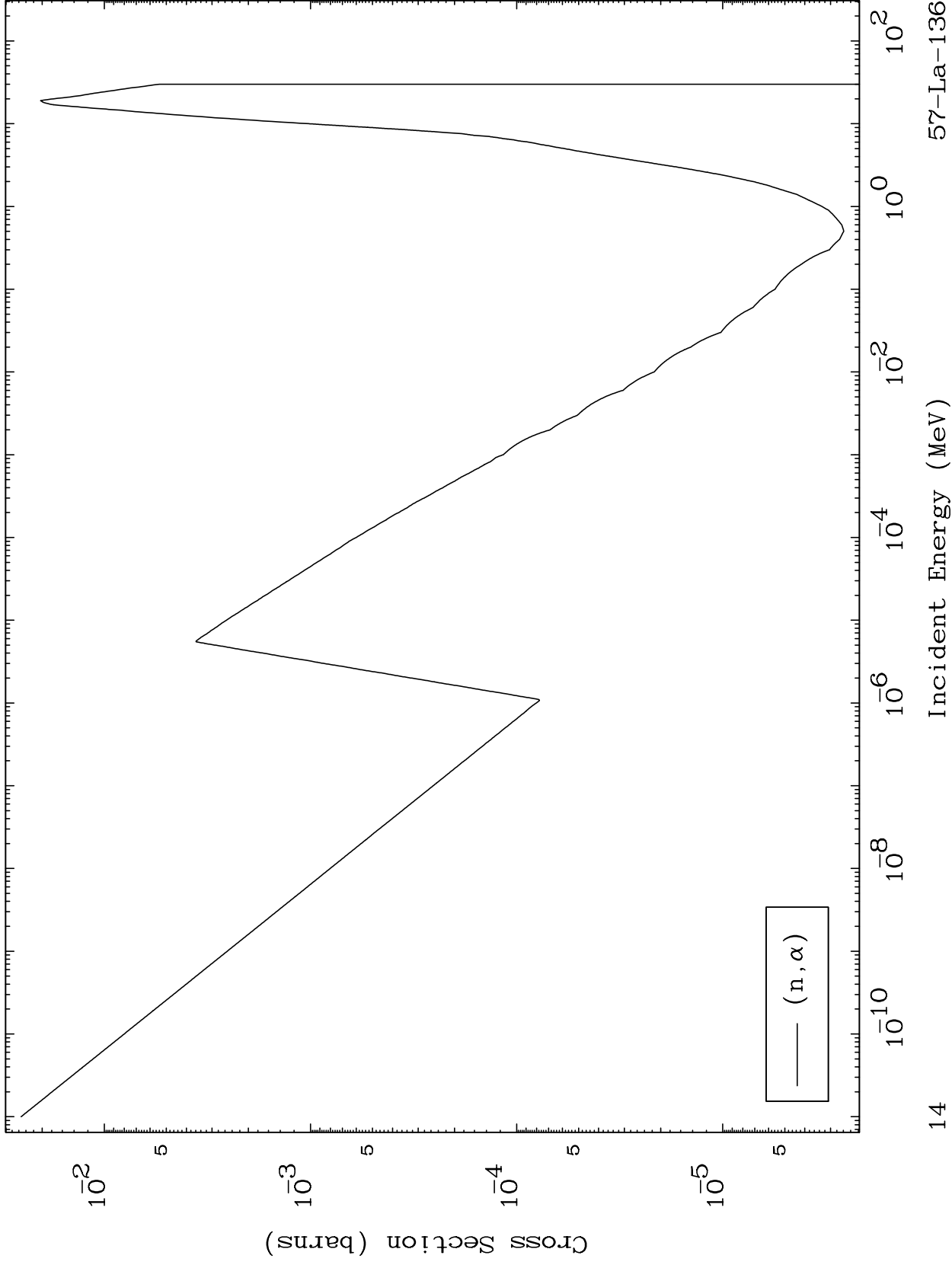
57-La-136



MAT 5719

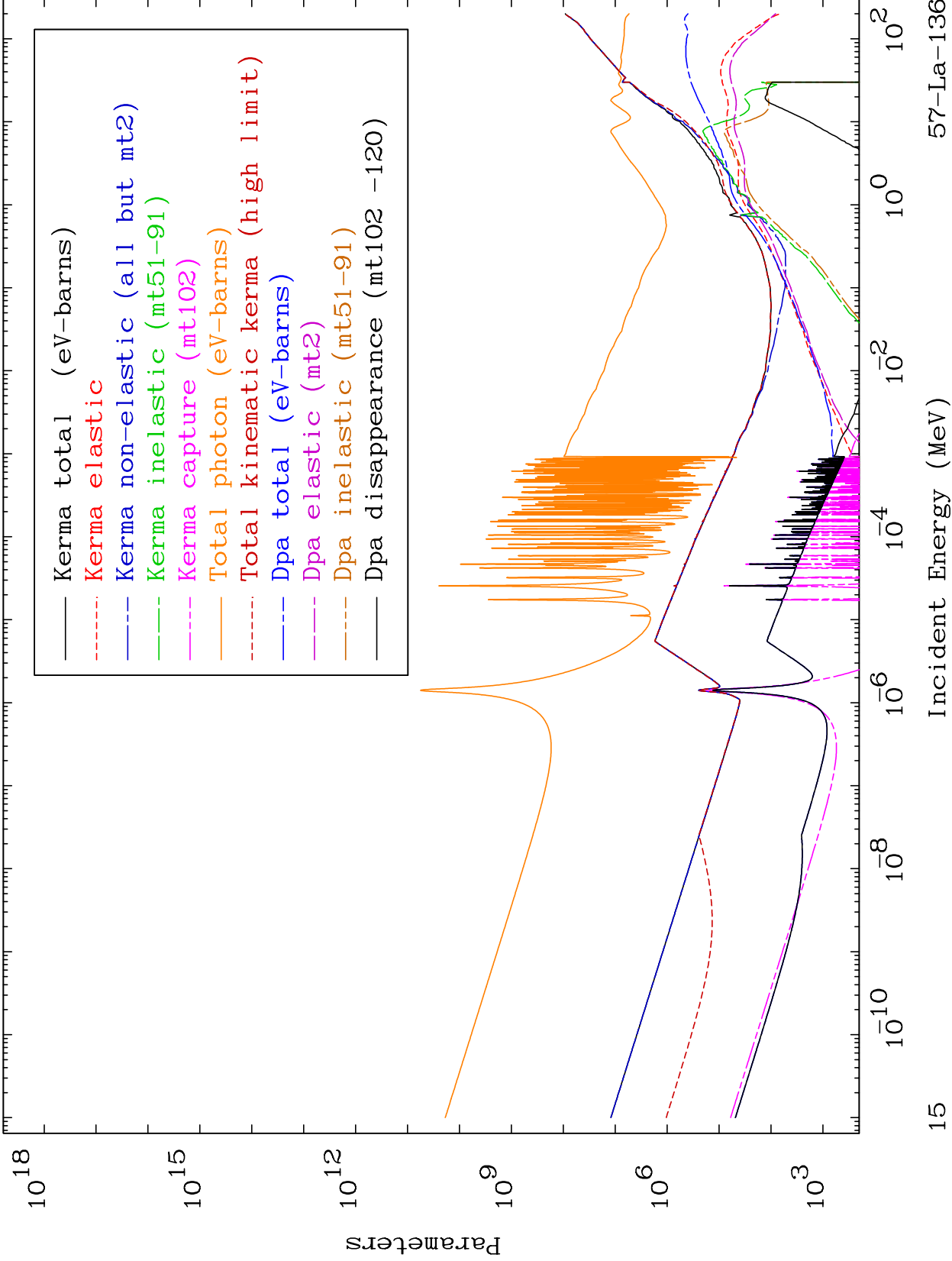
(n,α) Levels
293 Kelvin Cross Sections

57-La-136



14

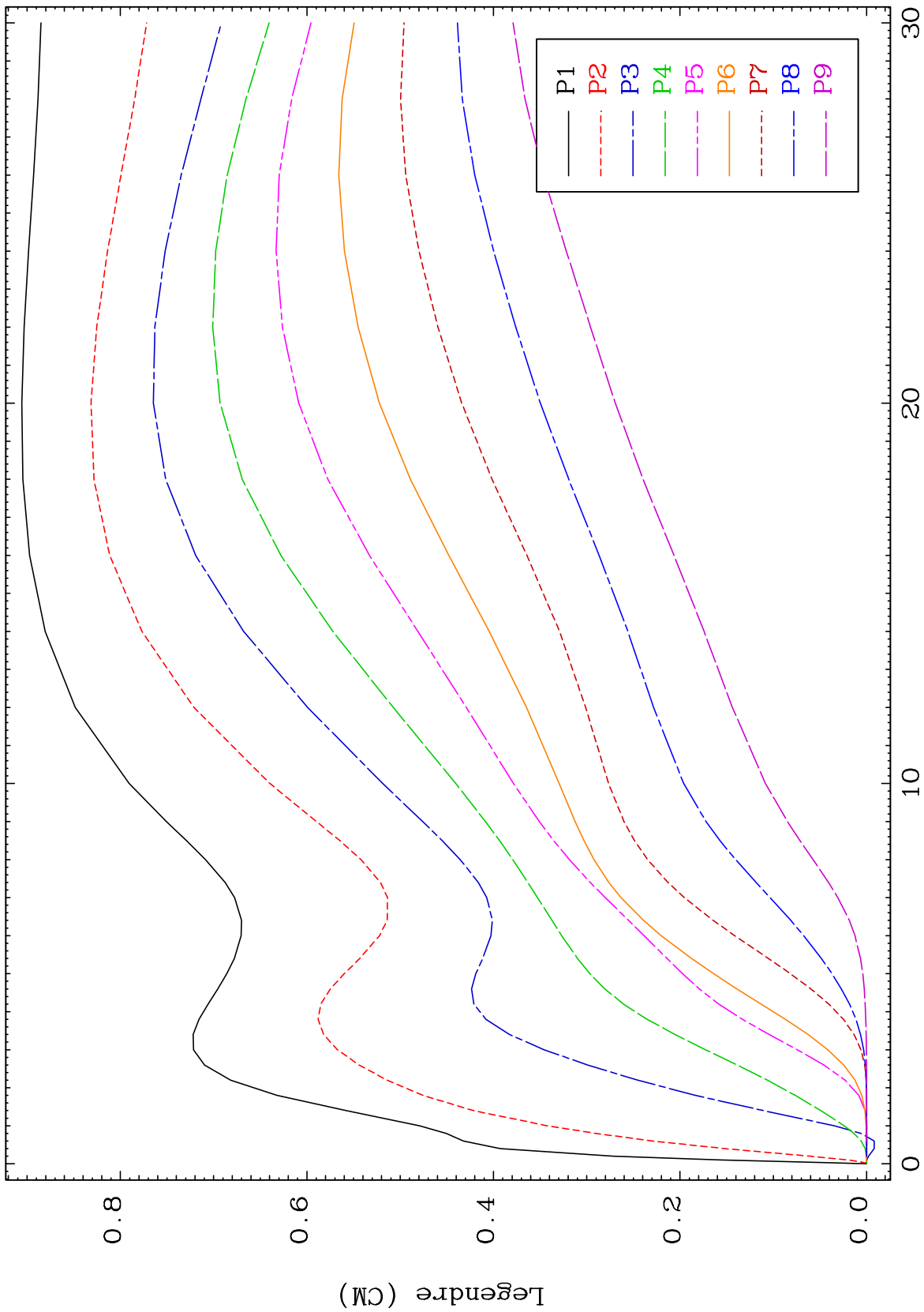
57-La-136



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57-La-136

Elastic Legendre Coefficients



57-La-136

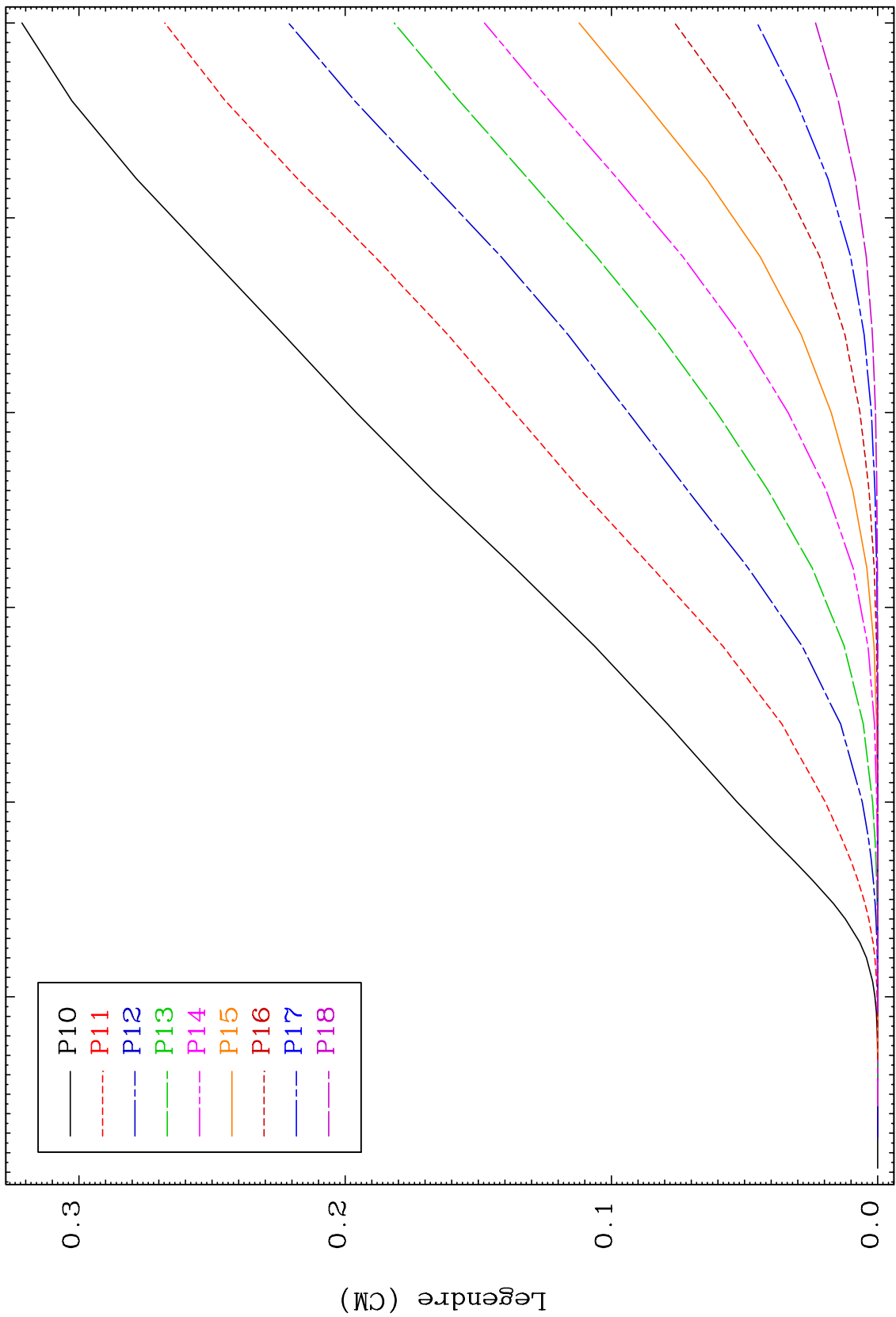
Incident Energy (MeV)

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MAT 5719

Elastic Legendre Coefficients

57-La-136



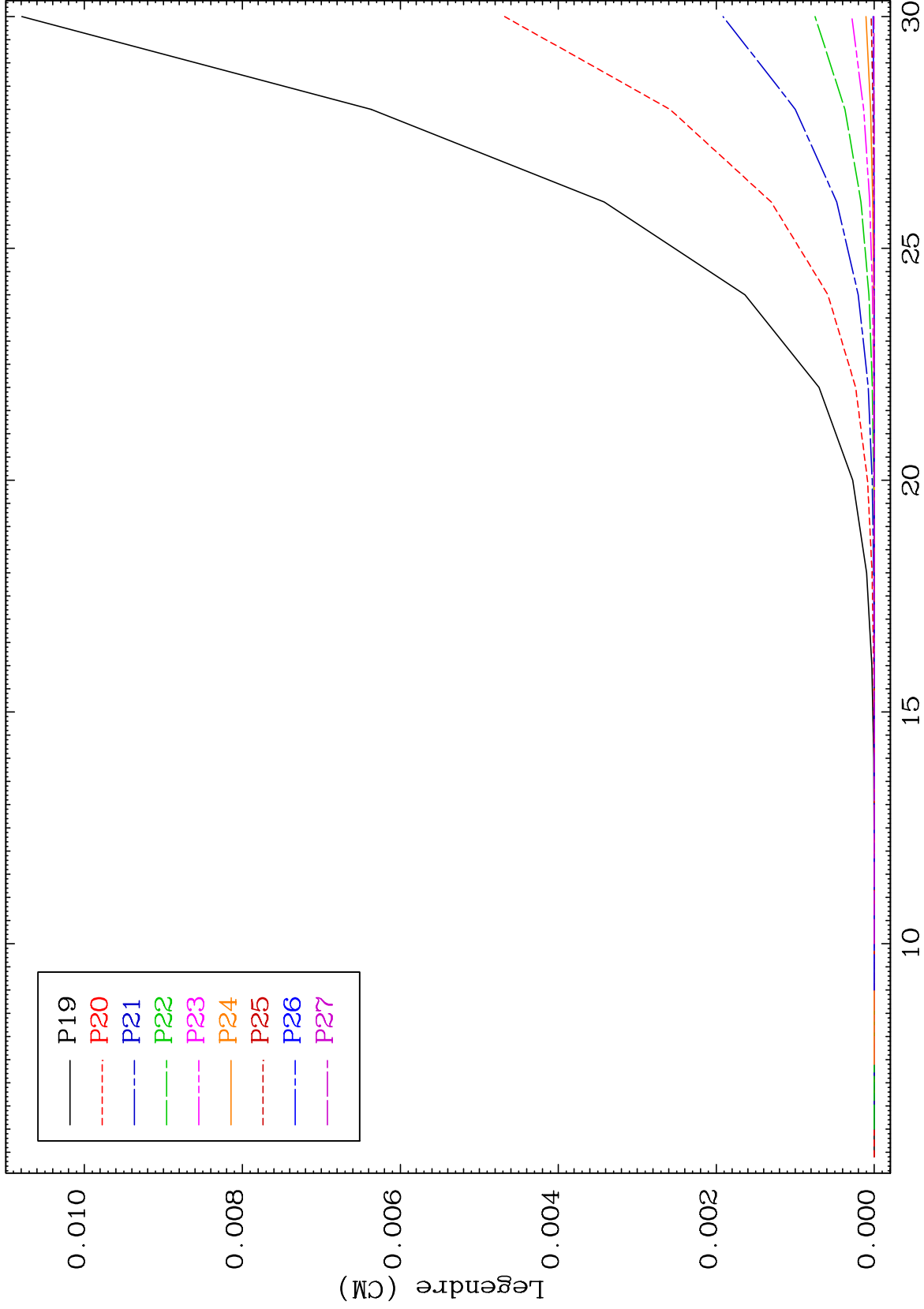
17

57-La-136

MAT 5719

Elastic Legendre Coefficients

57-La-136



18

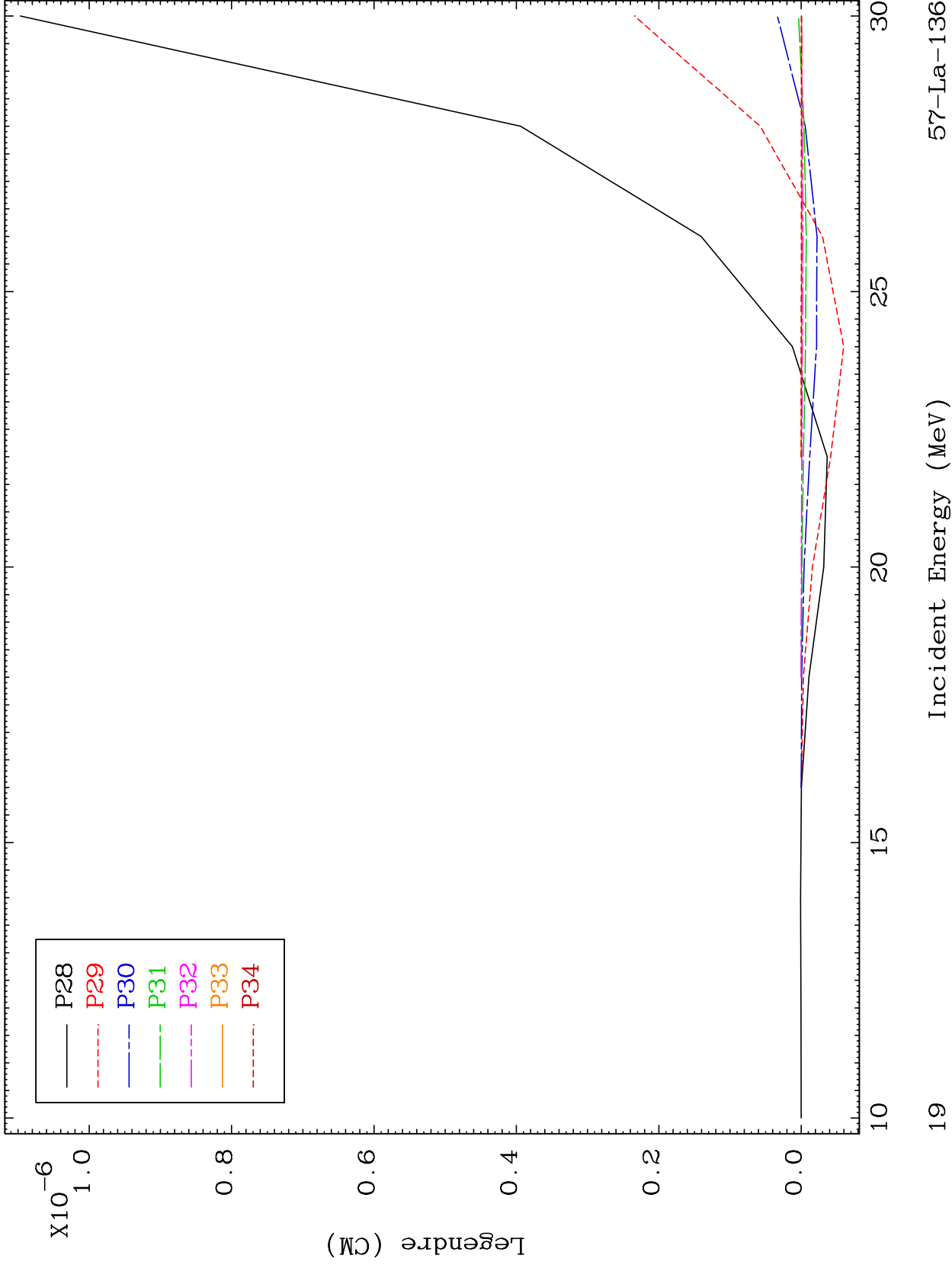
Incident Energy (MeV)

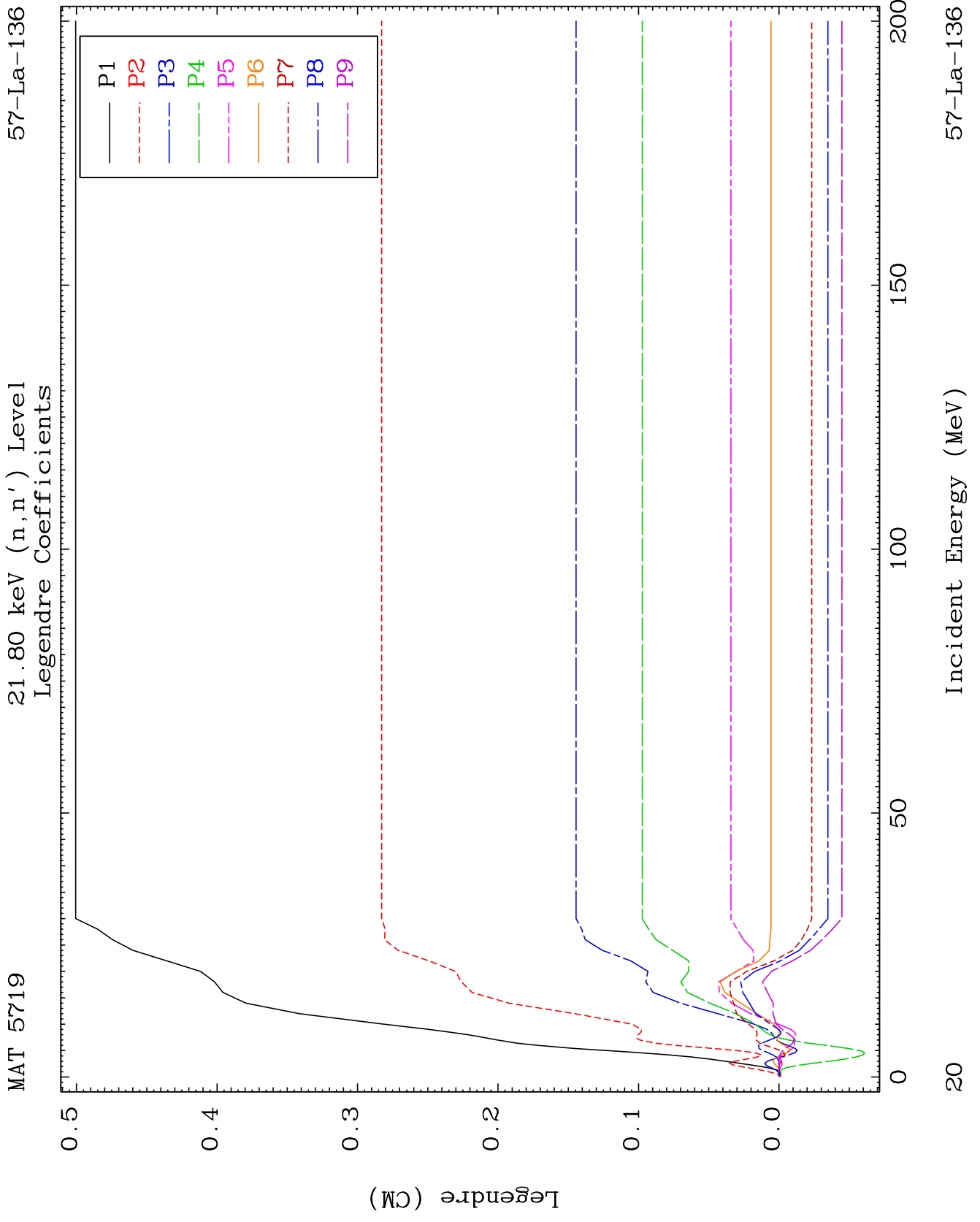
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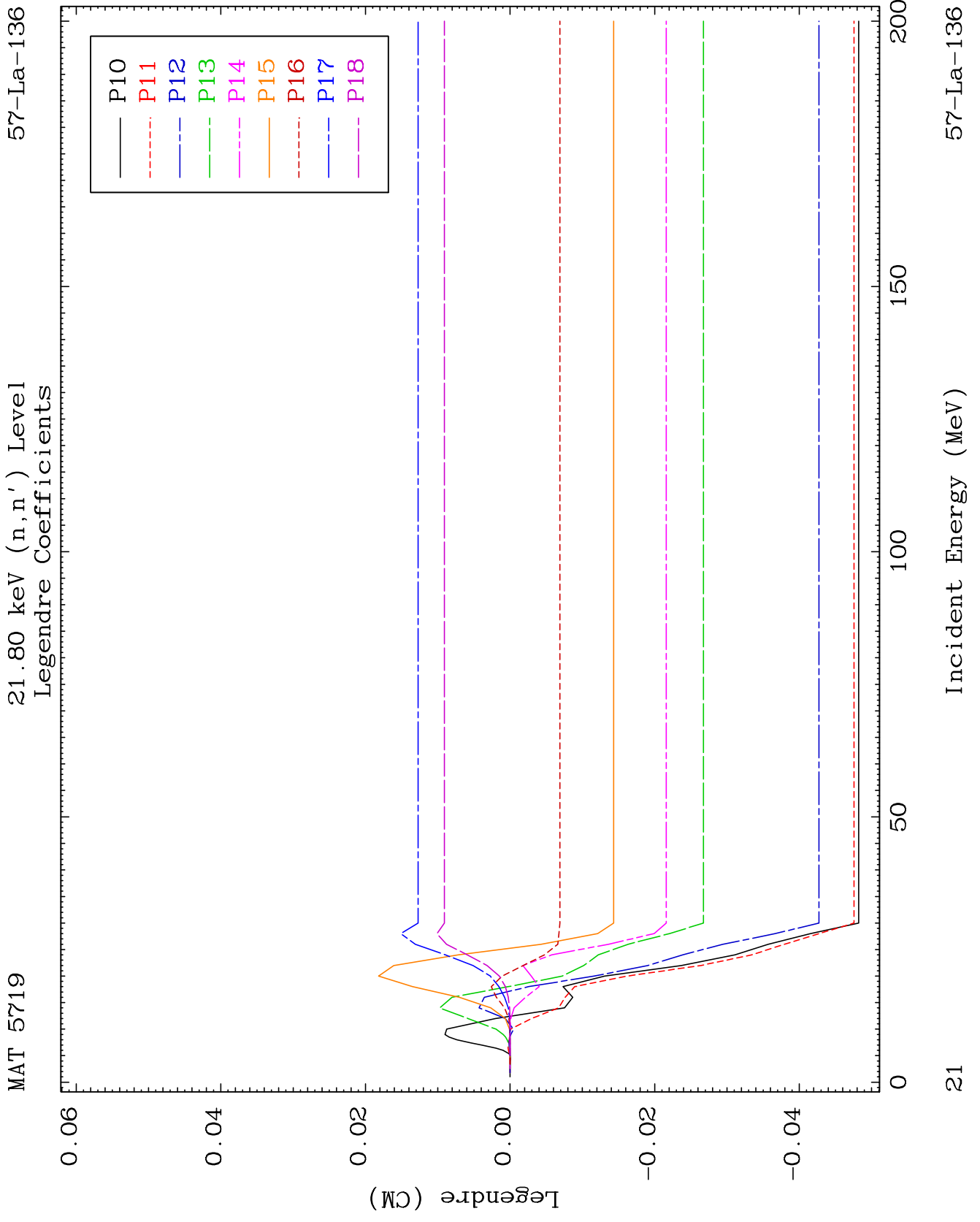
MAT 5719

Elastic Legendre Coefficients

57-La-136



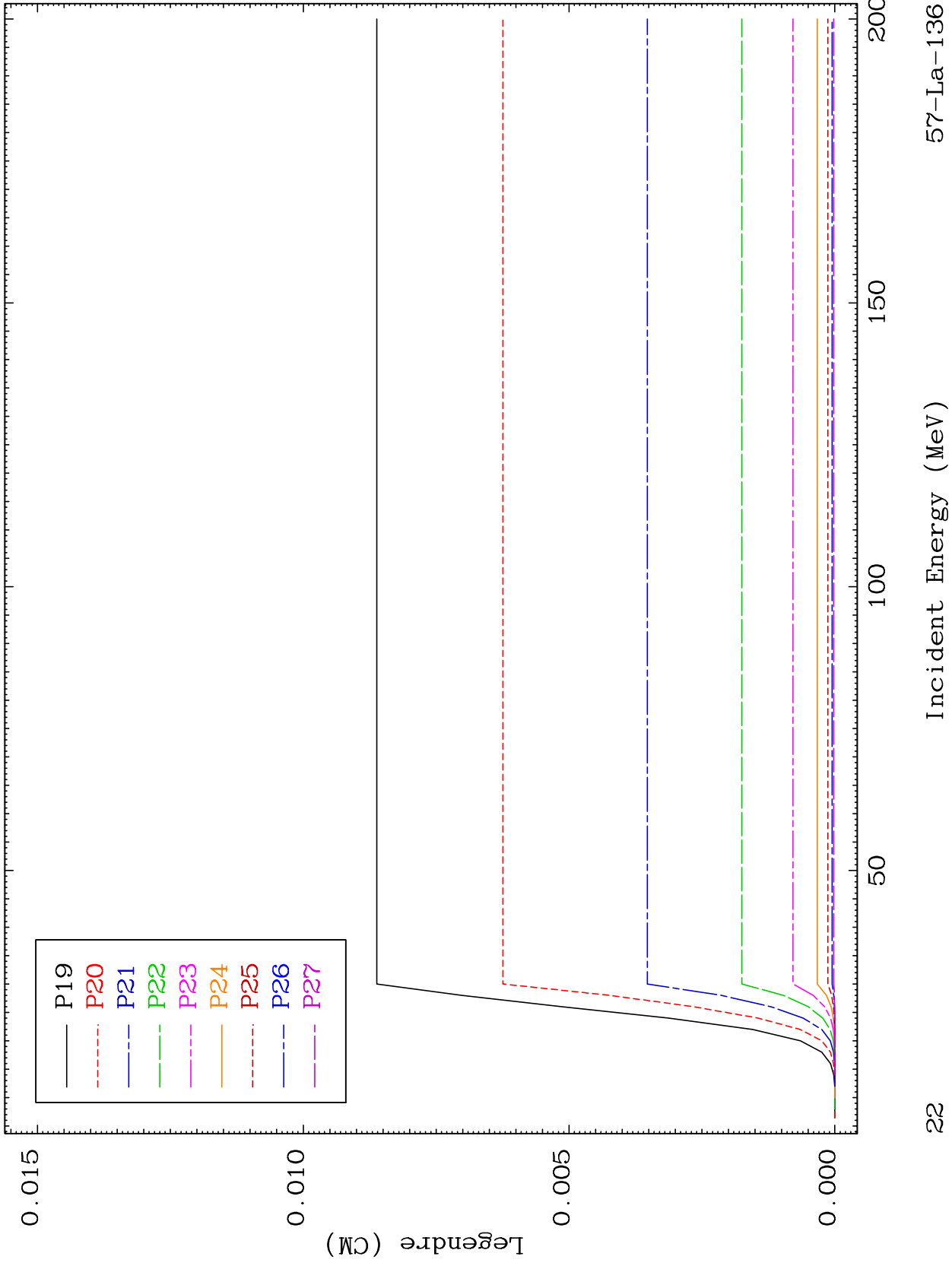




MAT 5719

21.80 keV (n,n') Level
Legendre Coefficients

57-La-136



22

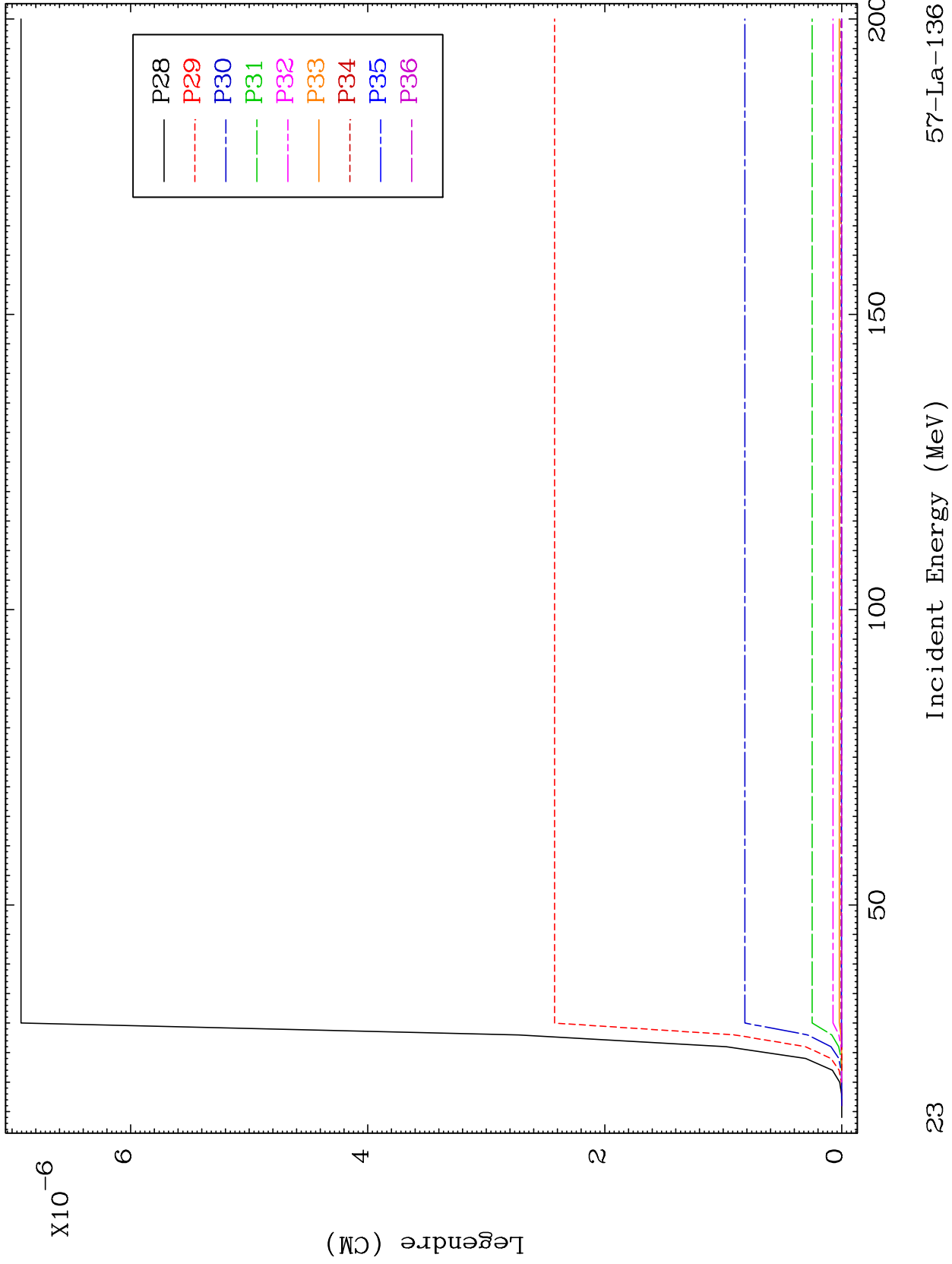
Incident Energy (MeV)

57-La-136

MAT 5719

21.80 keV (n,n') Level
Legendre Coefficients

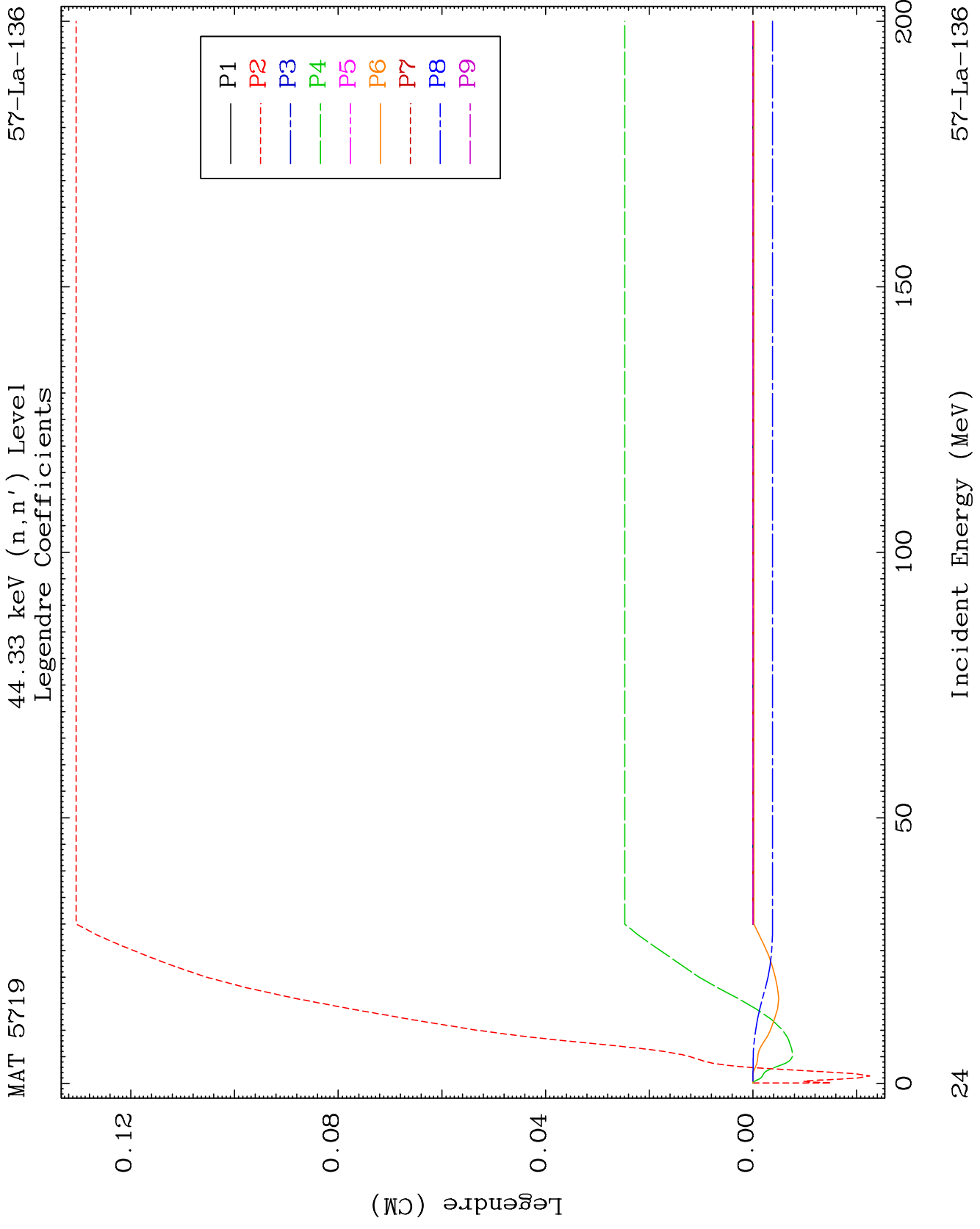
57-La-136

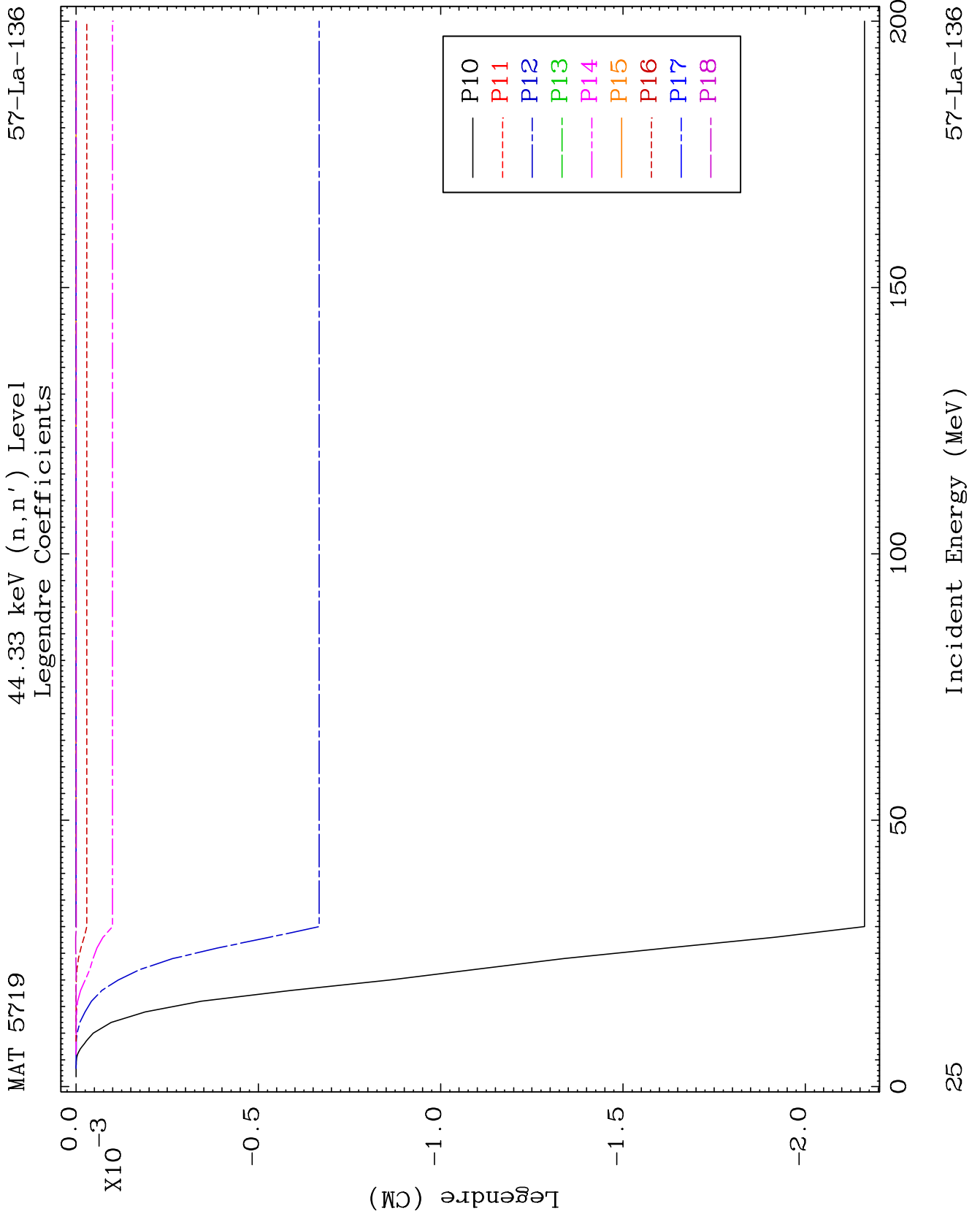


57-La-136

Incident Energy (MeV)

23

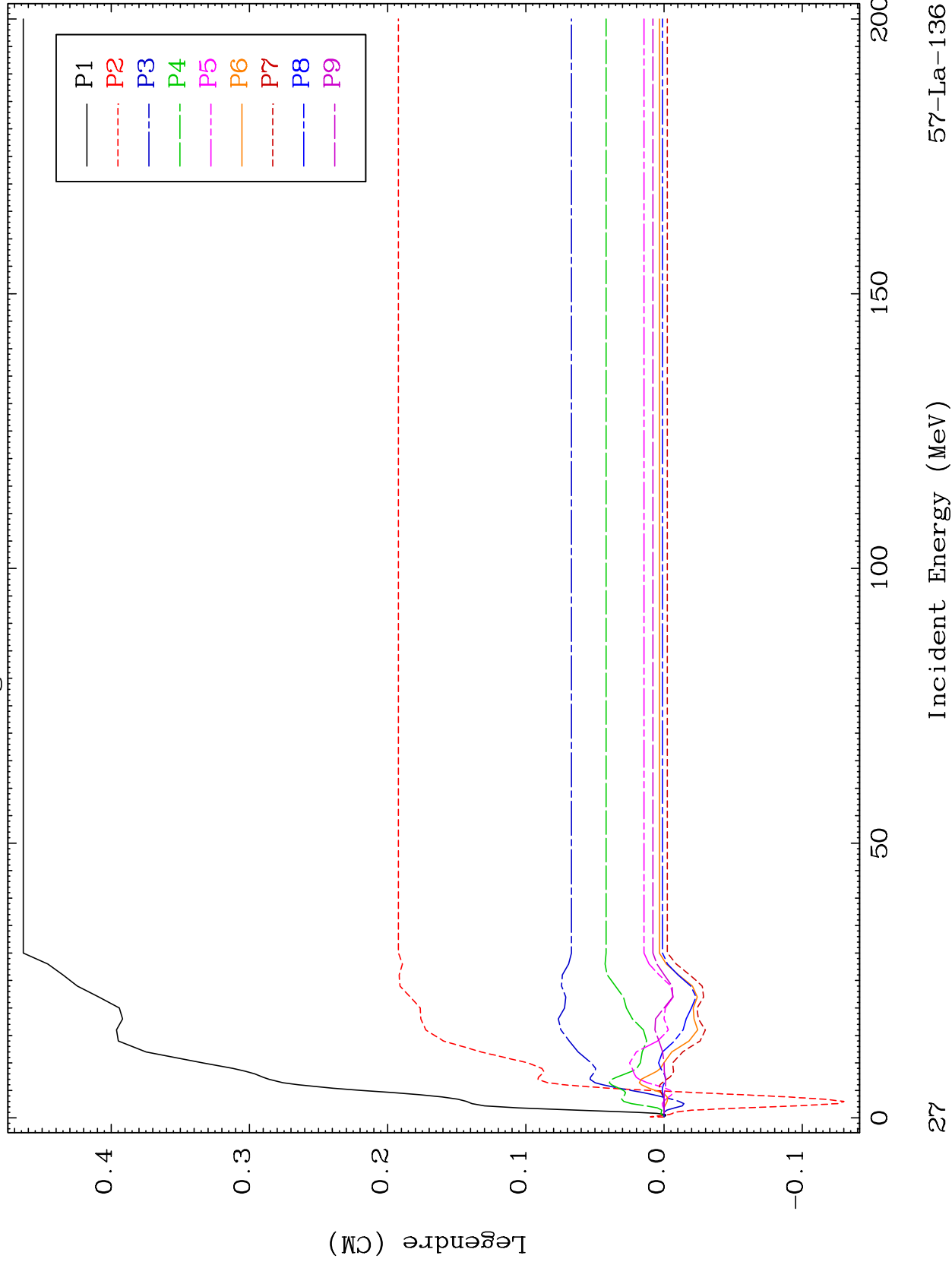




MAT 5719

140.0 keV (n,n') Level
Legendre Coefficients

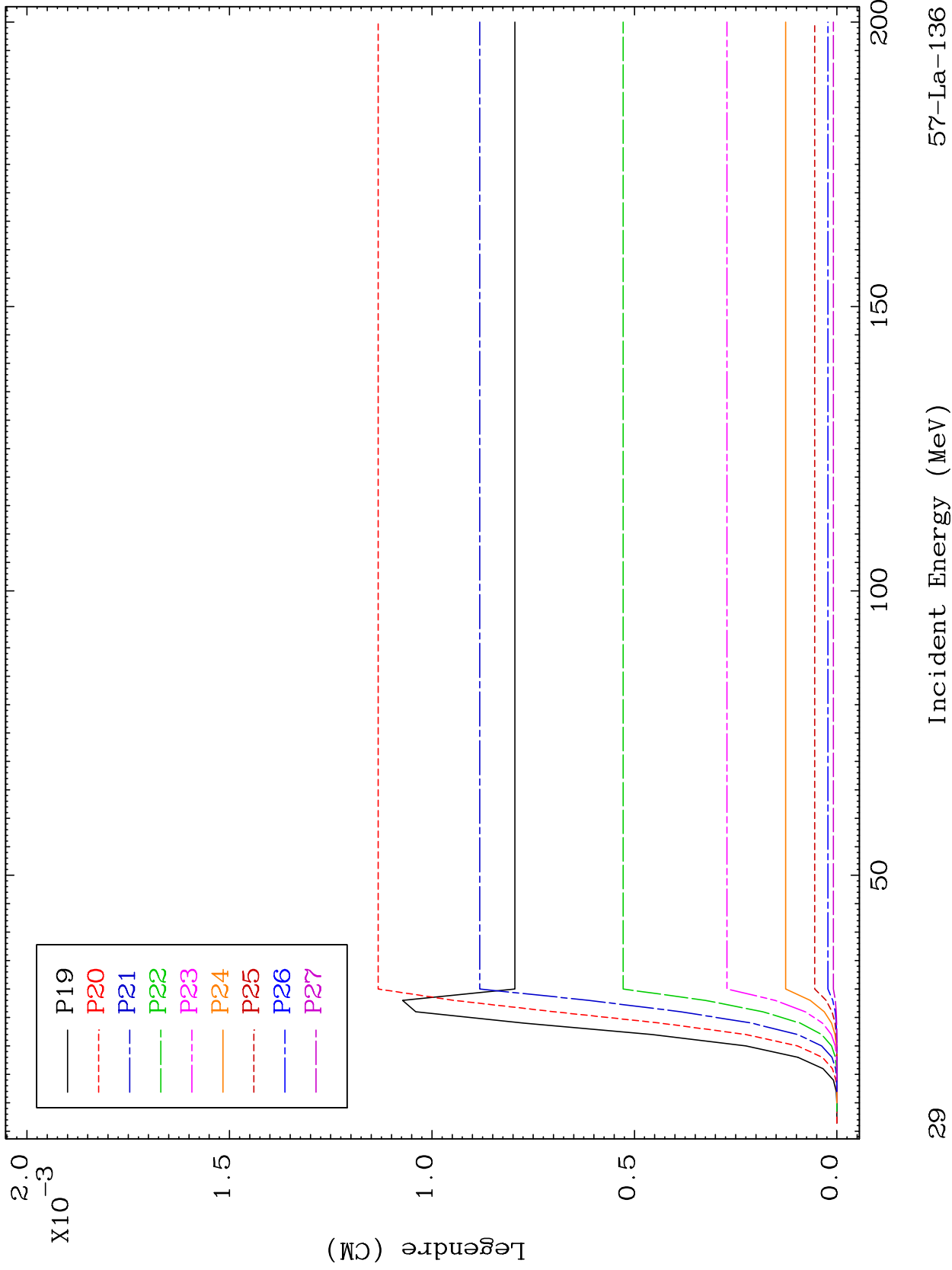
57-La-136

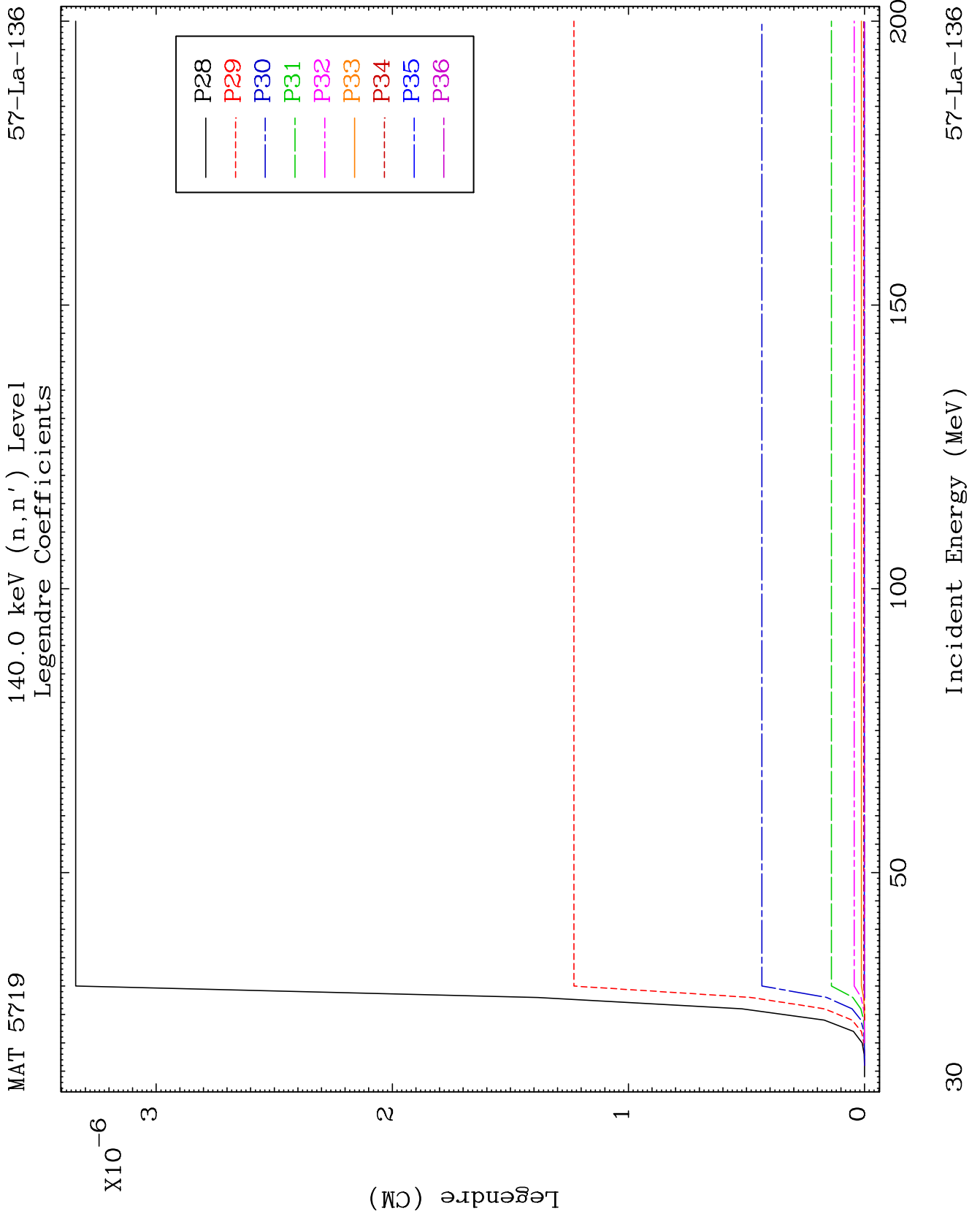


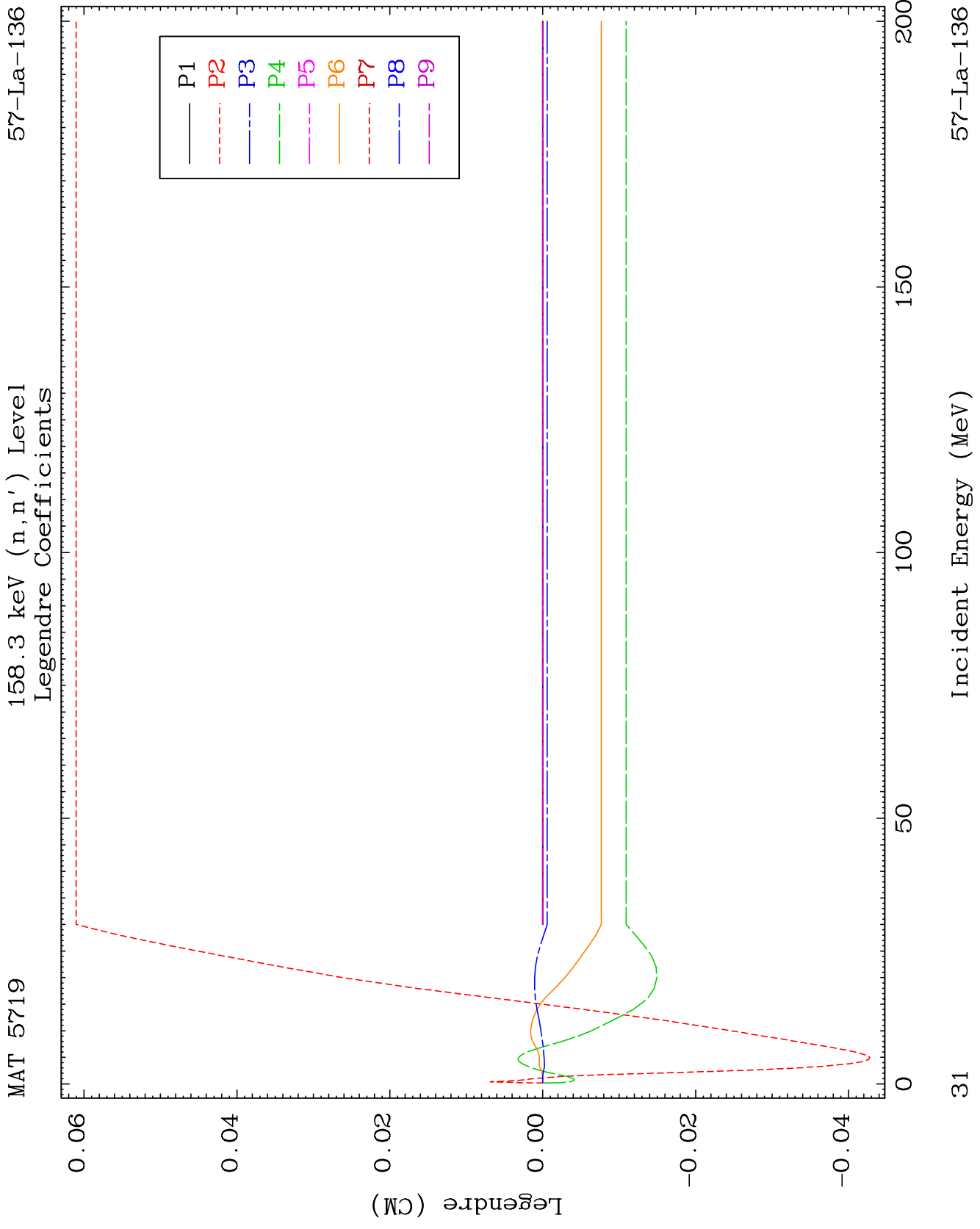
57-La-136

Incident Energy (MeV)

27



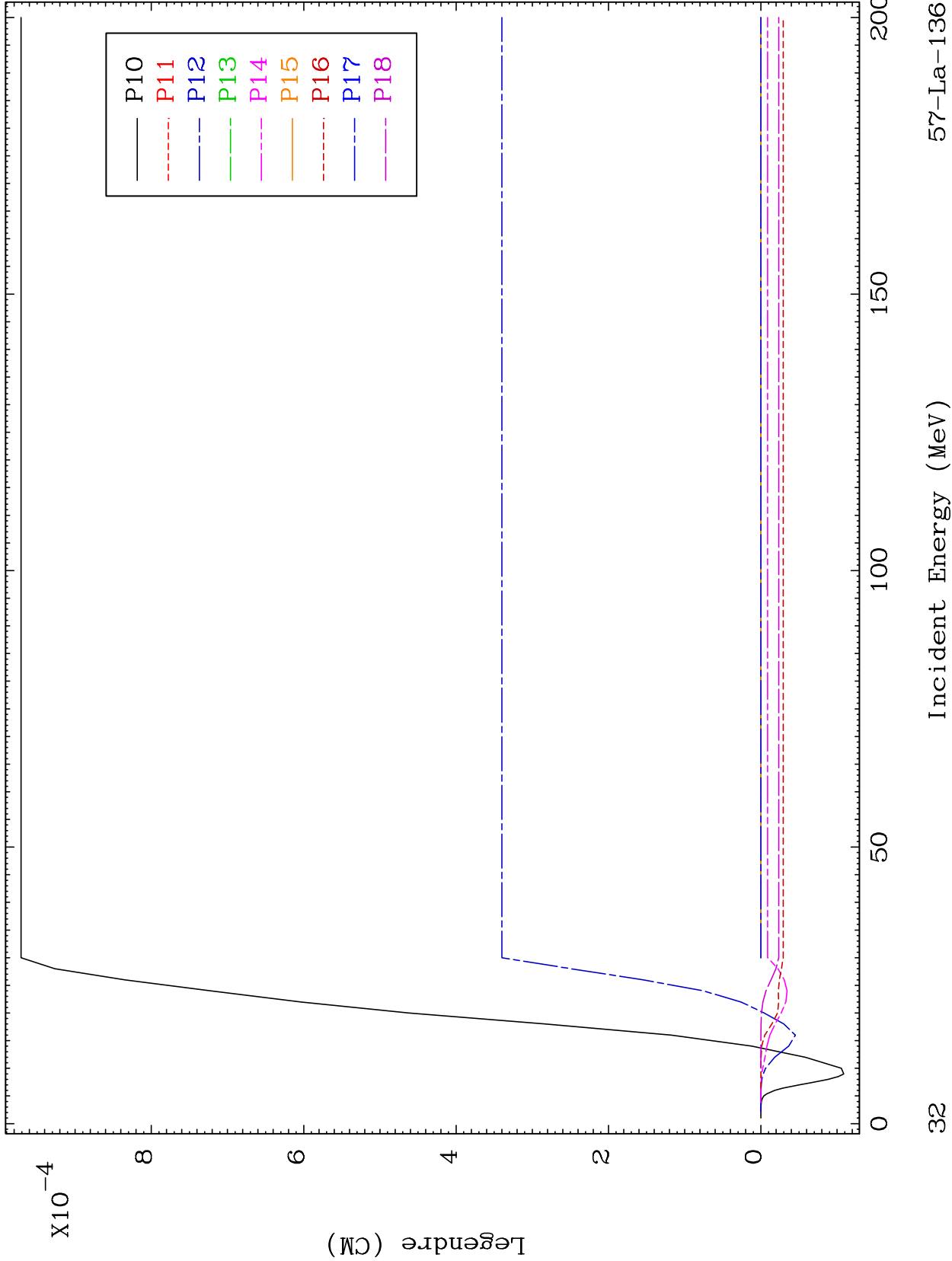




MAT 5719

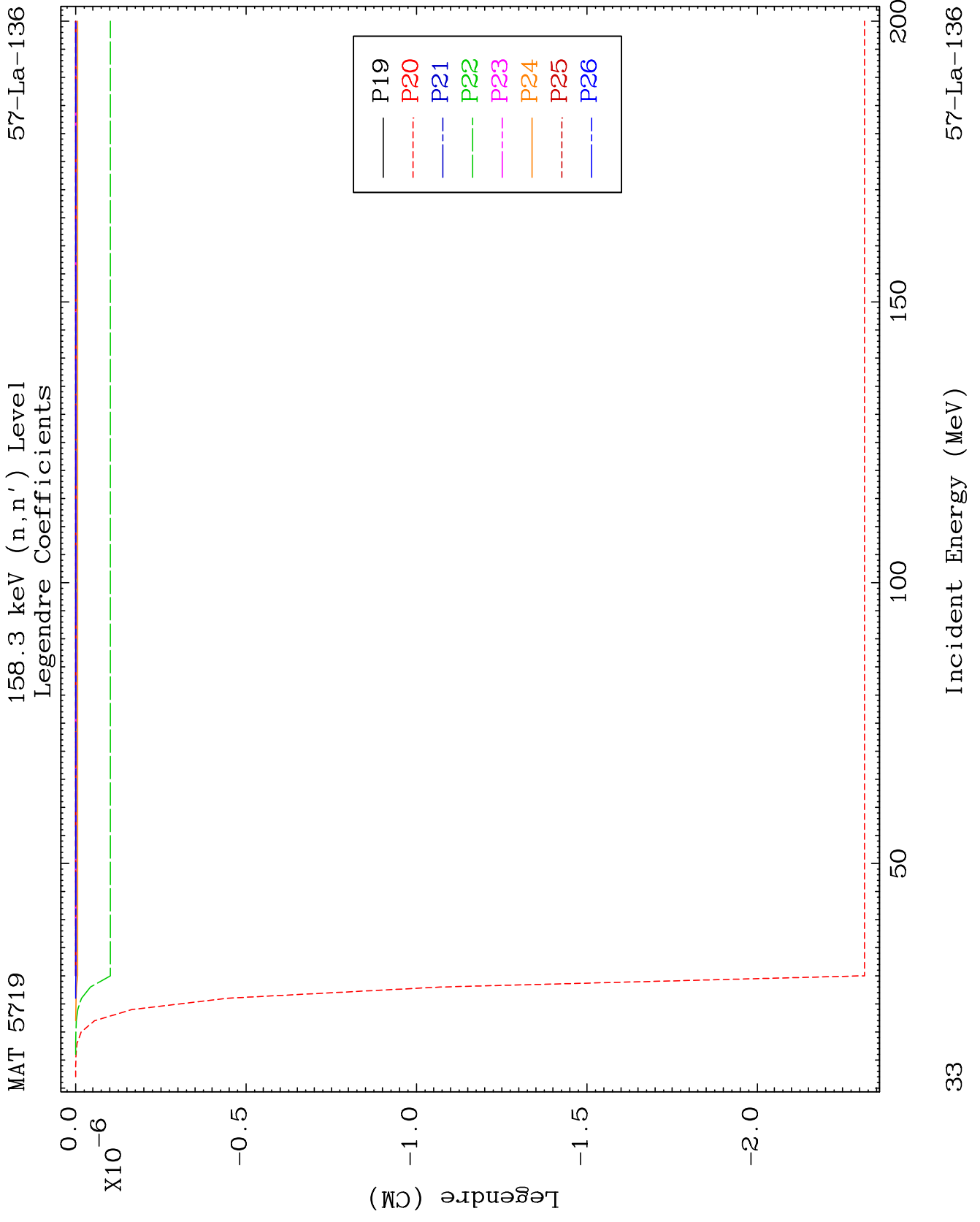
158.3 keV (n,n') Level
Legendre Coefficients

57-La-136



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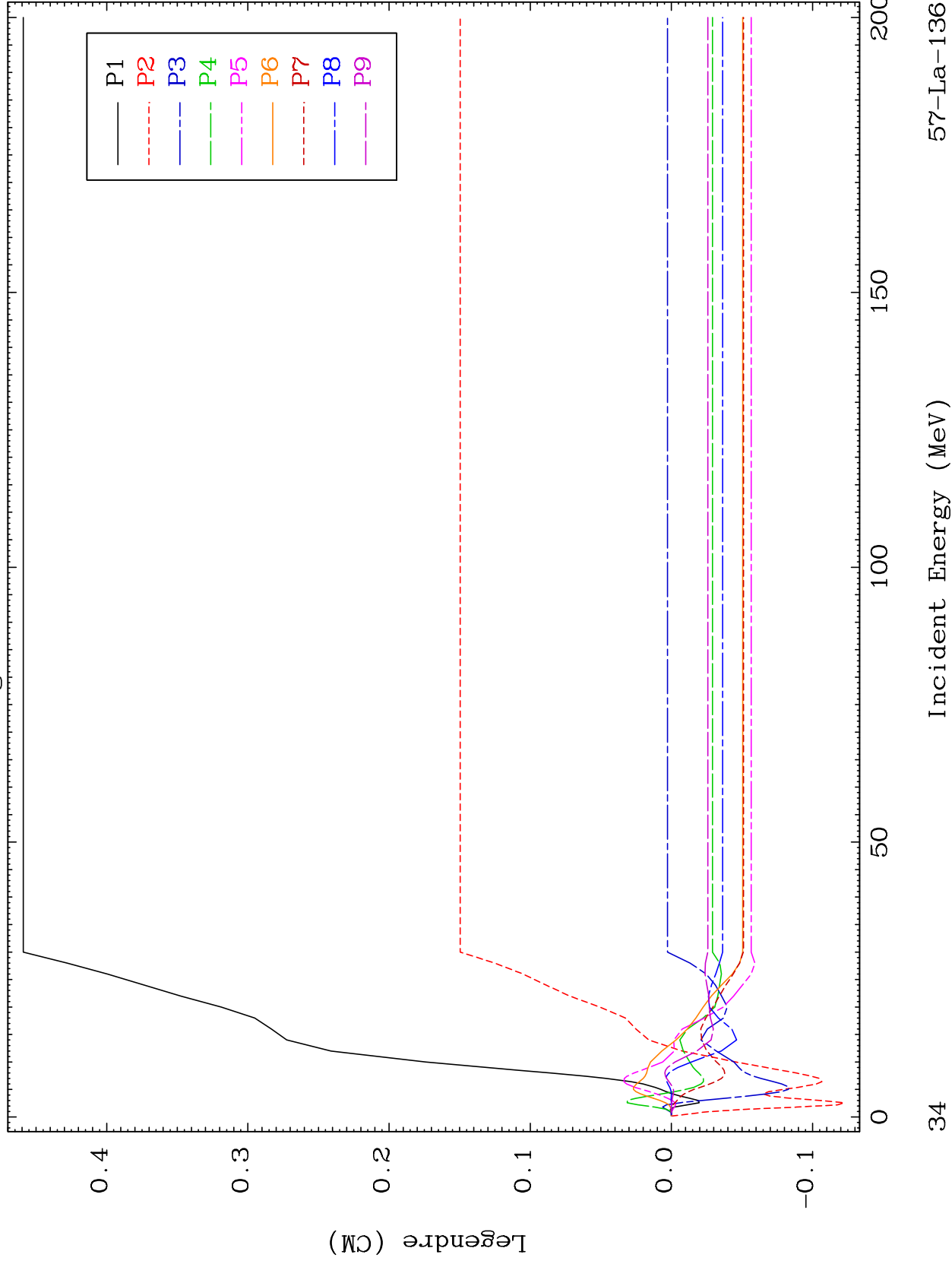
57-La-136



MAT 5719

172.0 keV (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

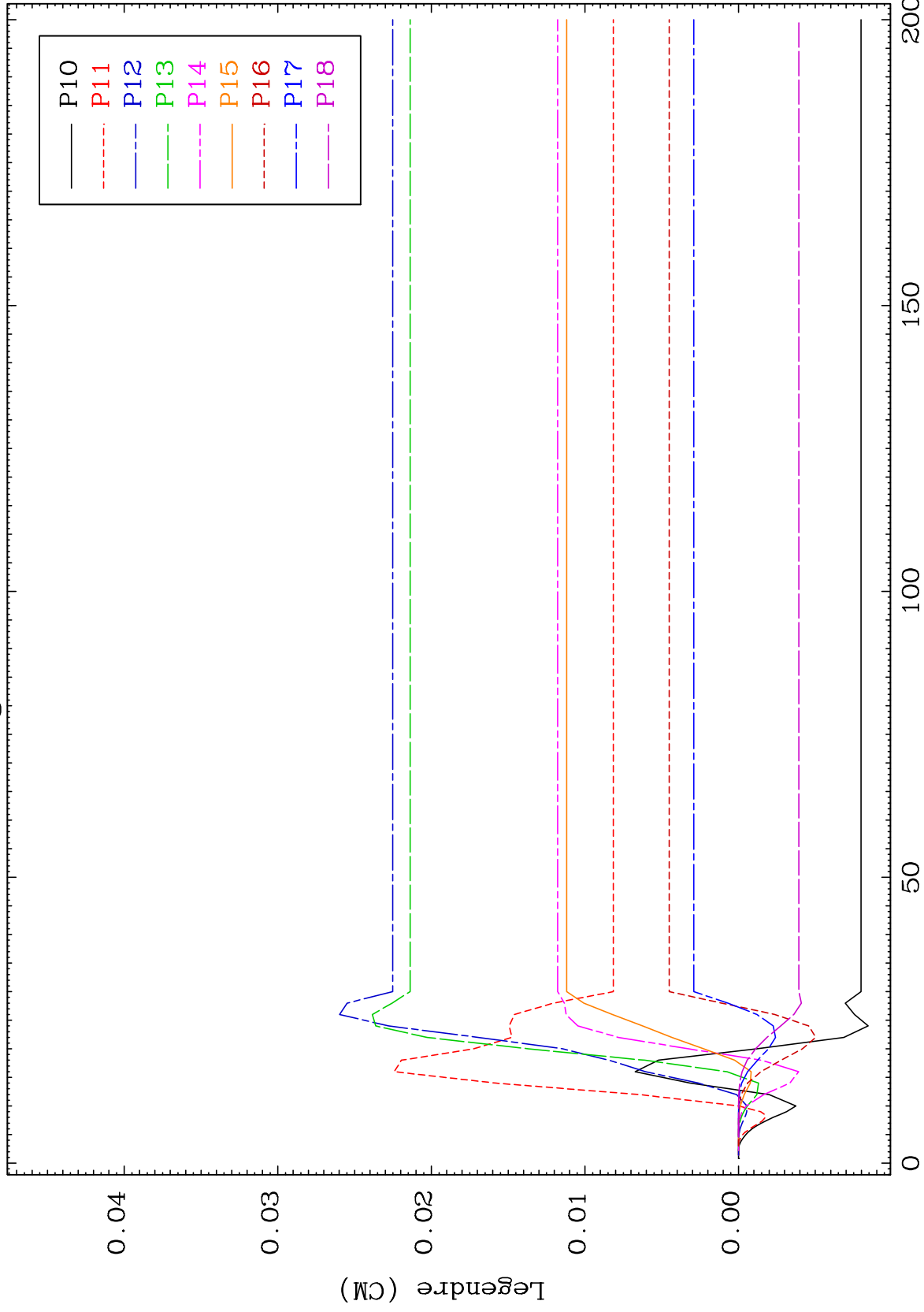
Incident Energy (MeV)

34

MAT 5719

172.0 keV (n,n') Level
Legendre Coefficients

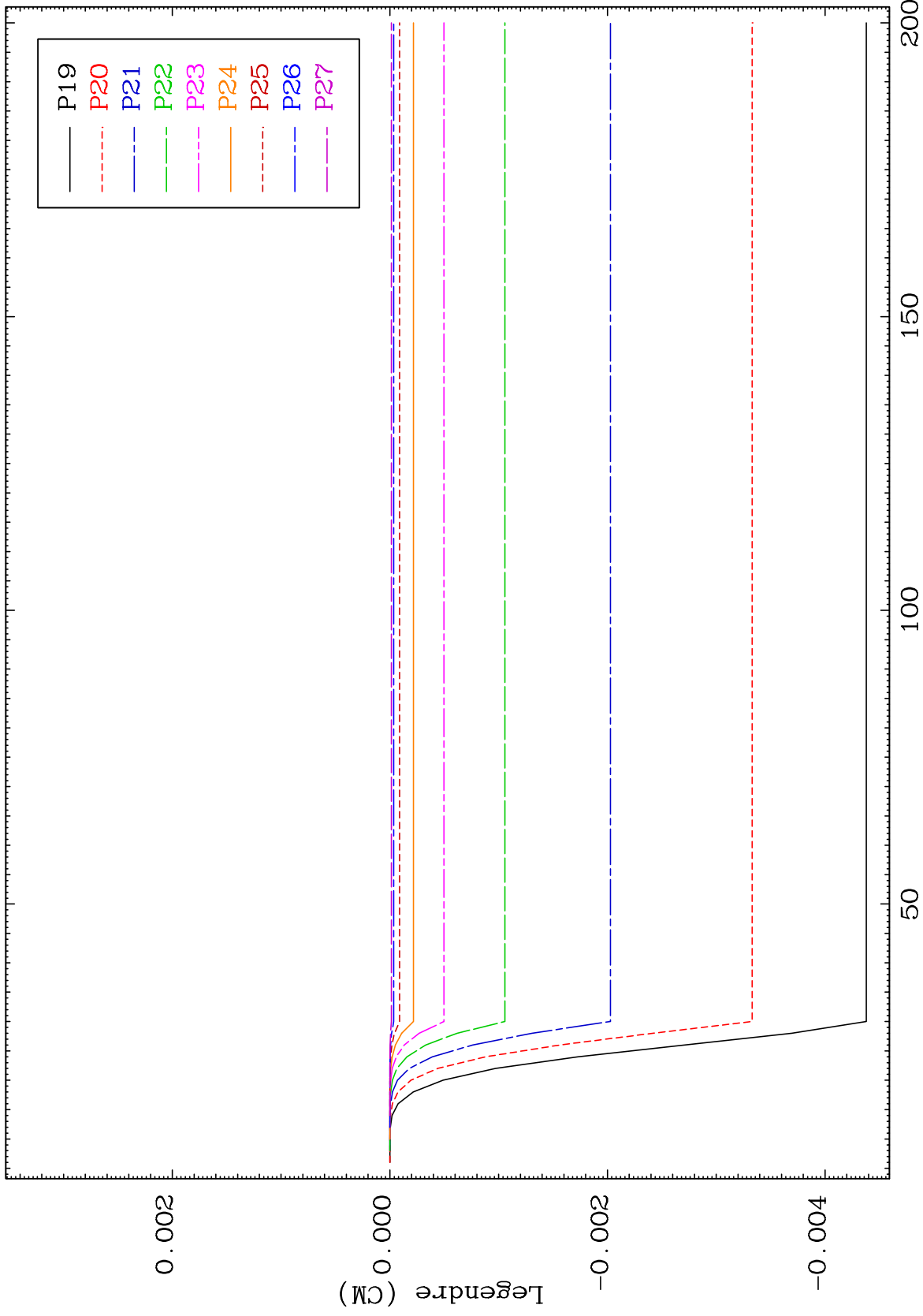
57-La-136

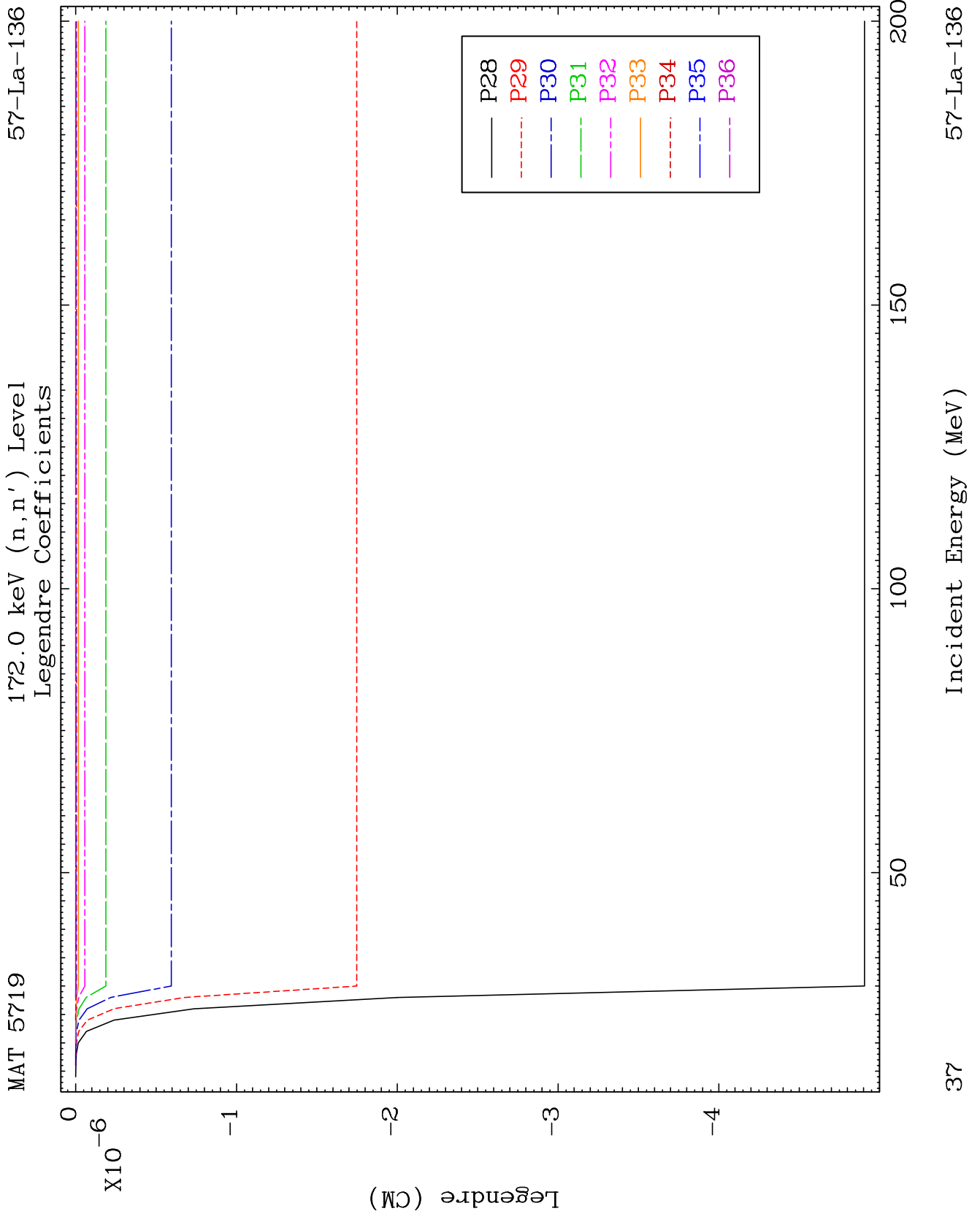


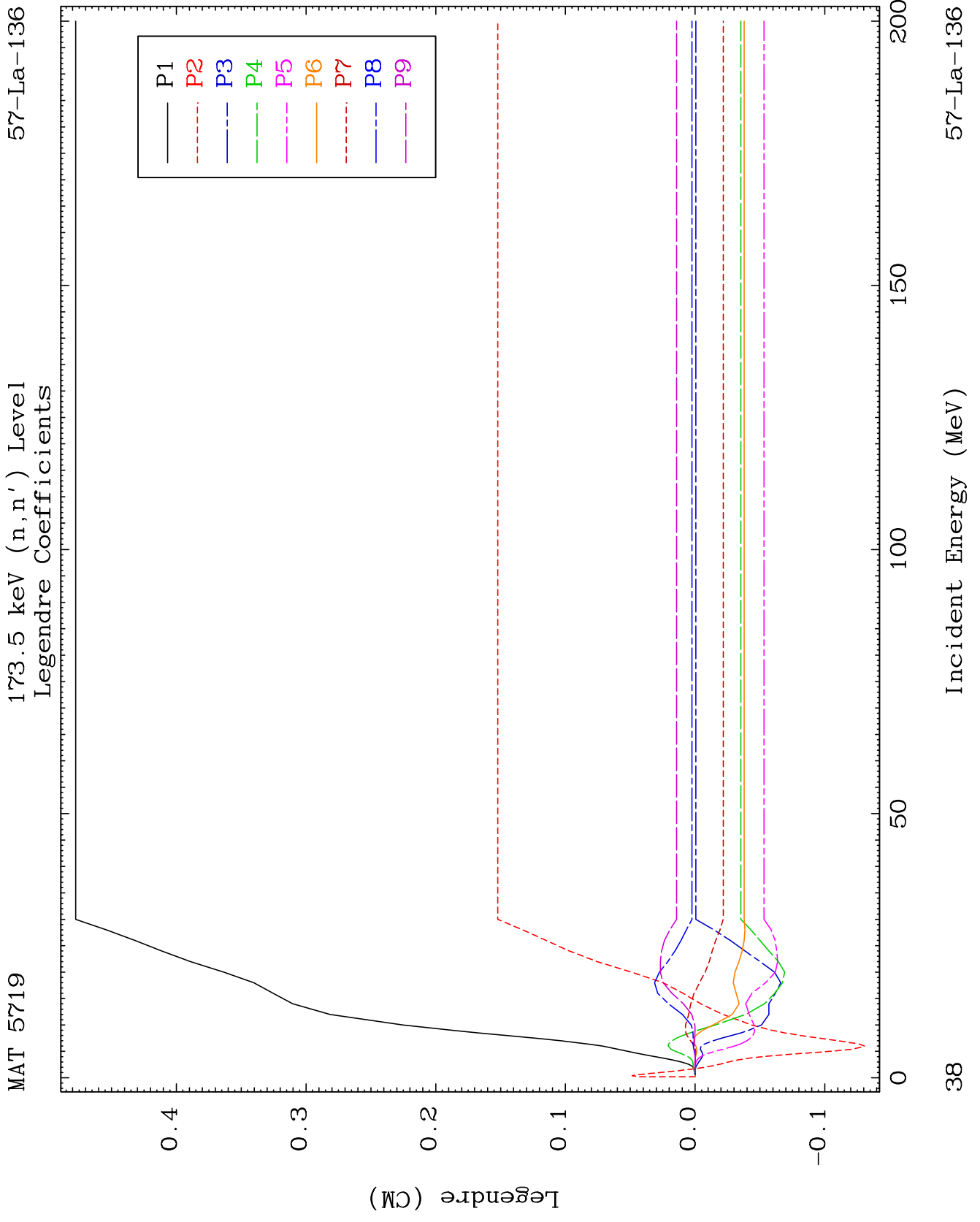
57-La-136

Incident Energy (MeV)

35



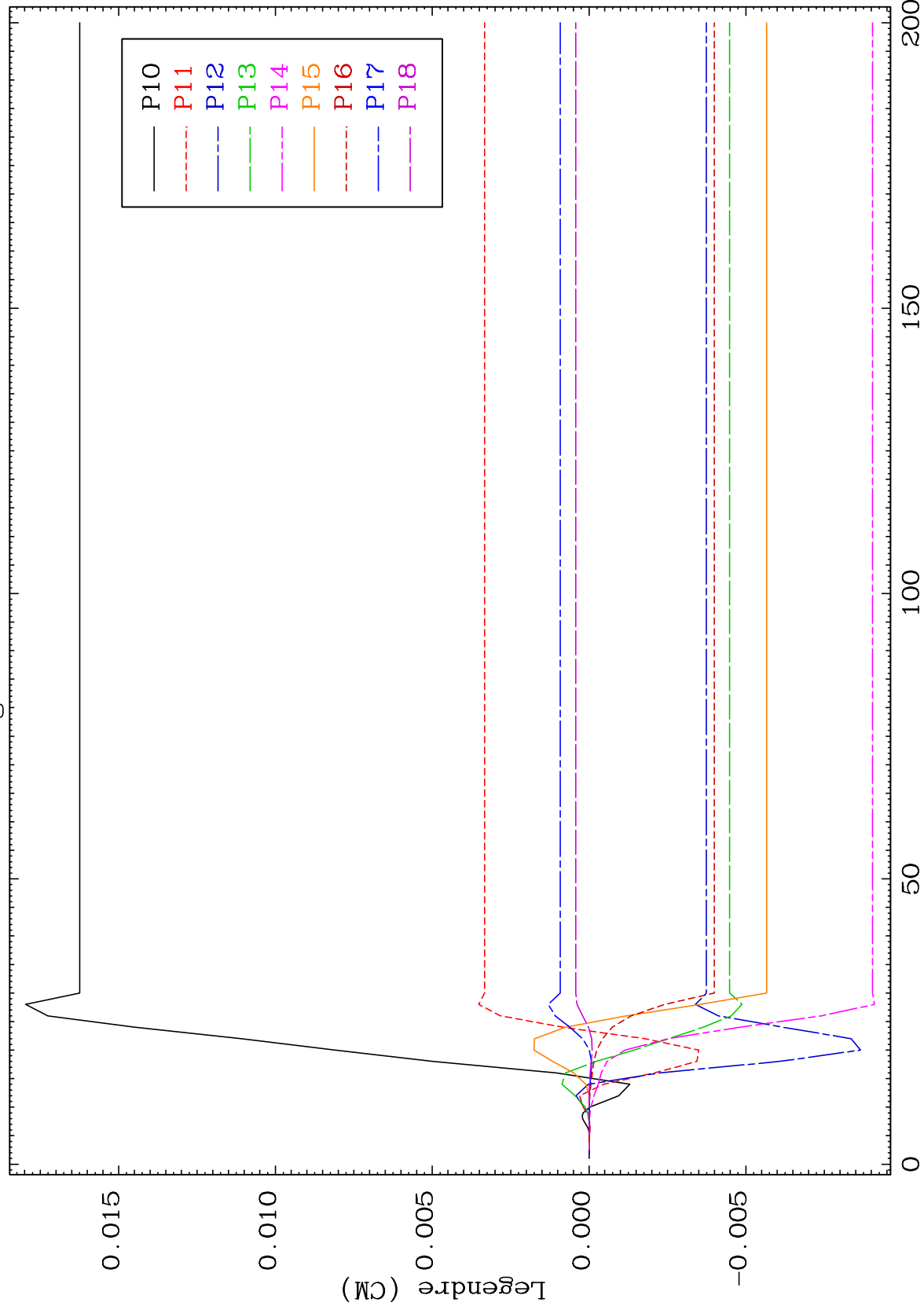




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173.5 keV (n,n') Level
Legendre Coefficients

57-La-136



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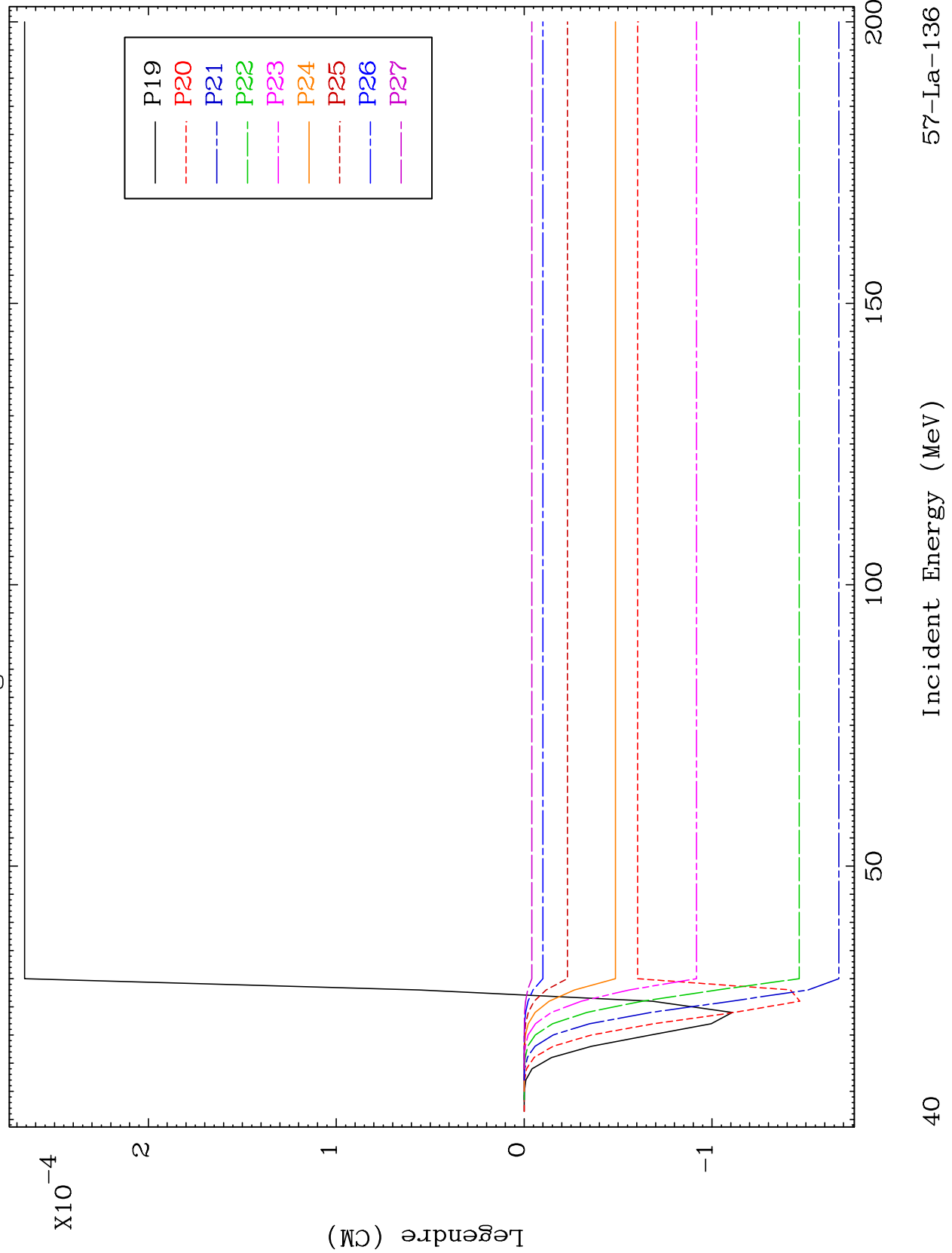
Incident Energy (MeV)

57-La-136

MAT 5719

173.5 keV (n,n') Level
Legendre Coefficients

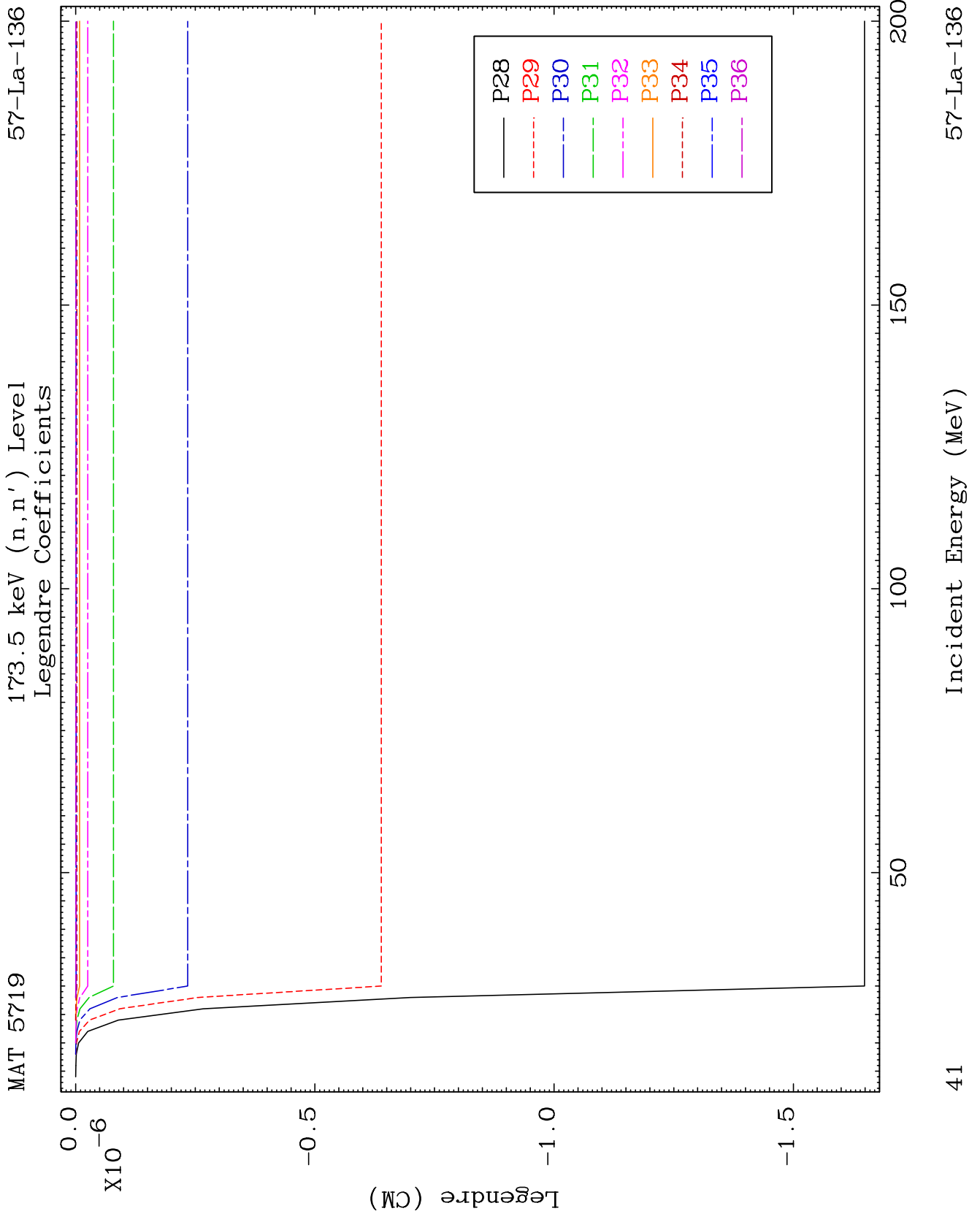
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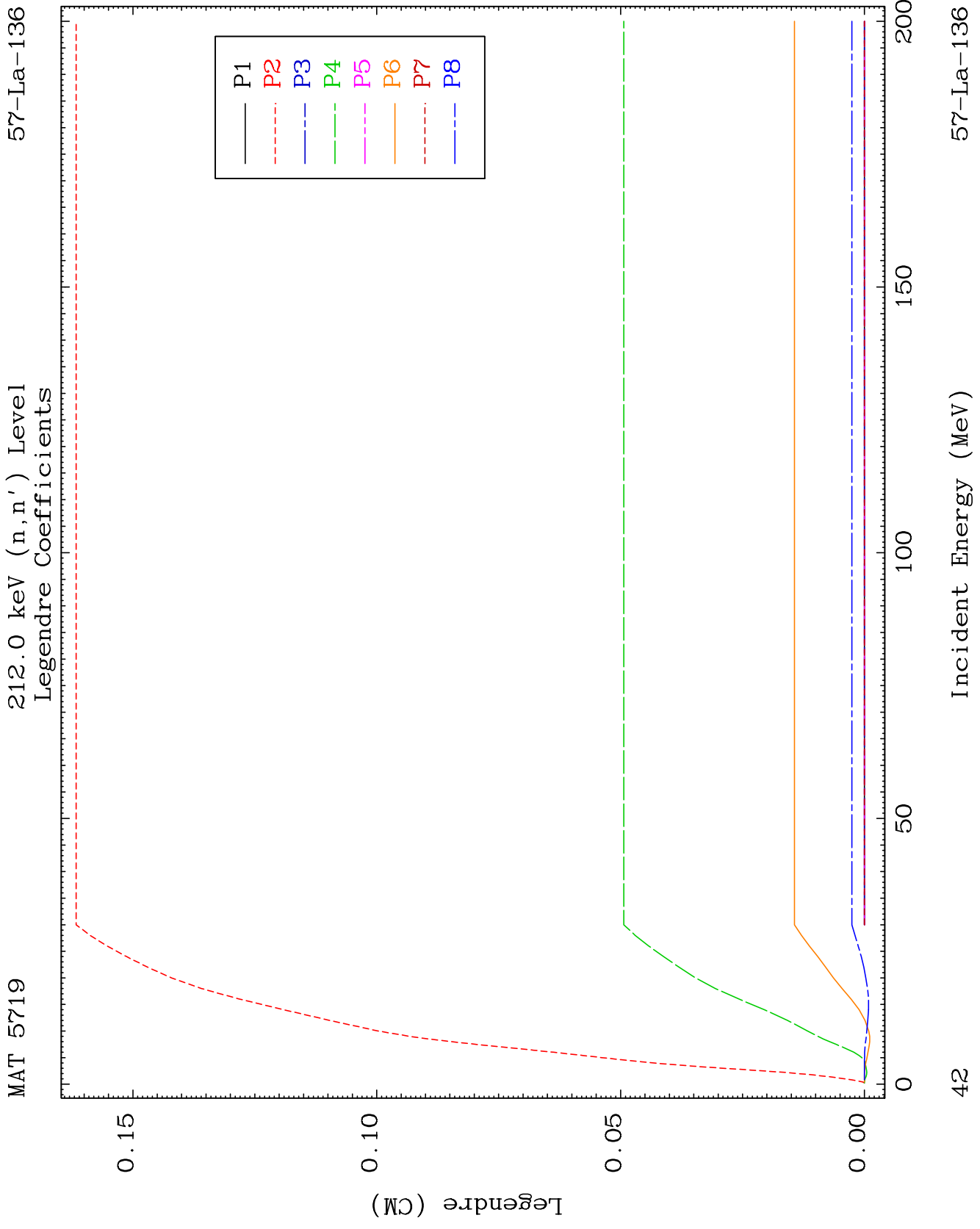


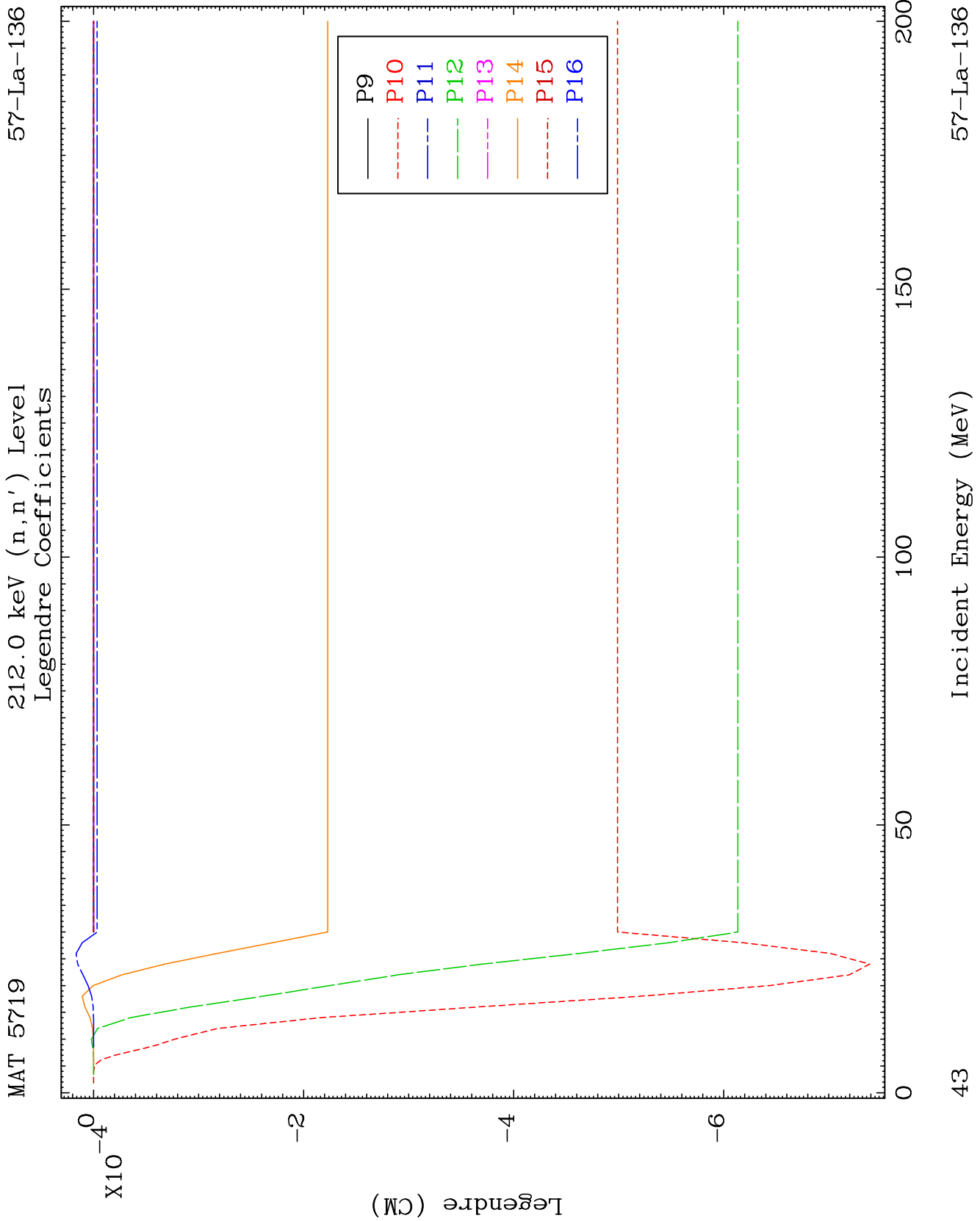
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Incident Energy (MeV)

57-La-136



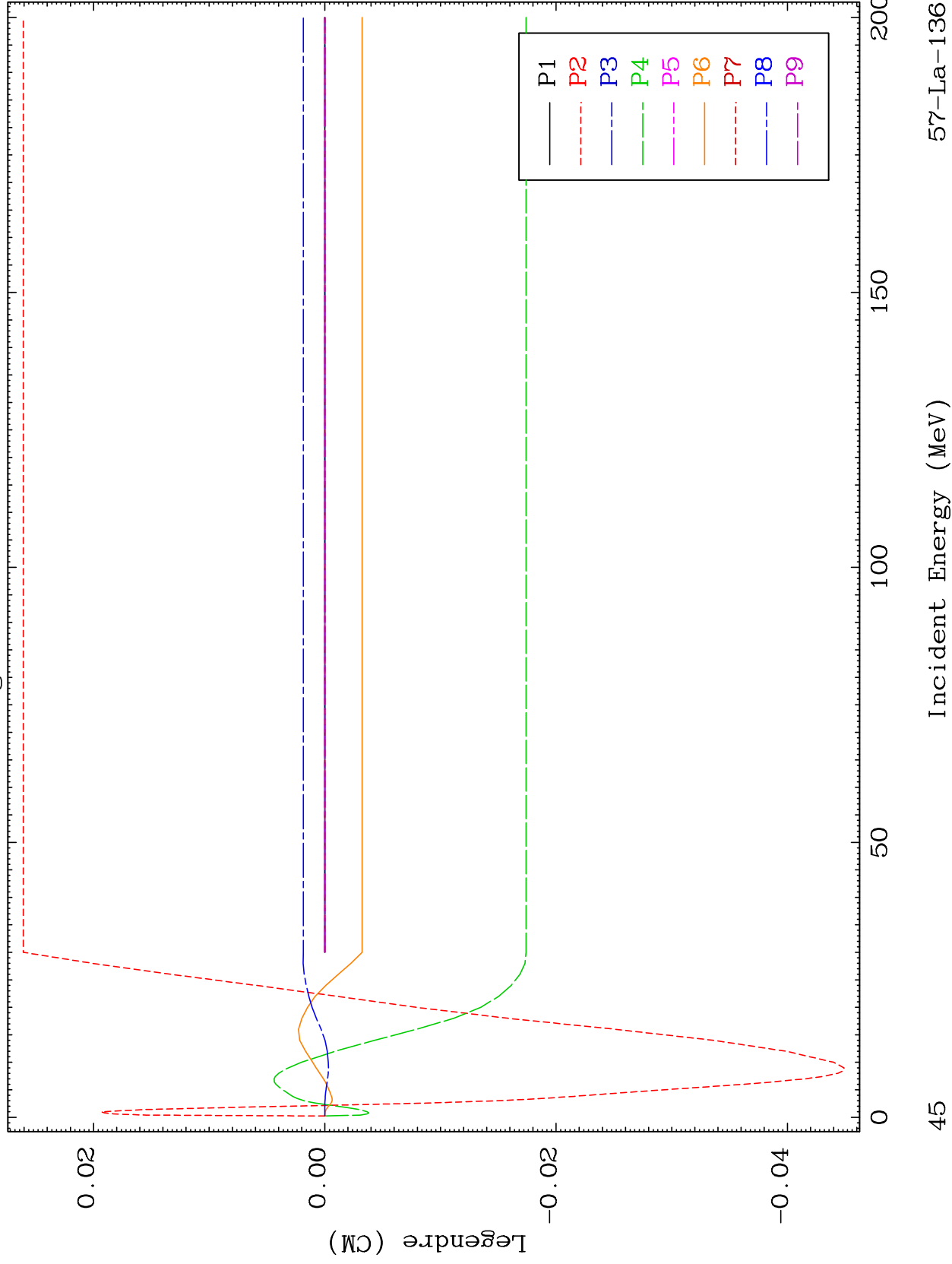




MAT 5719

230.1 keV (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

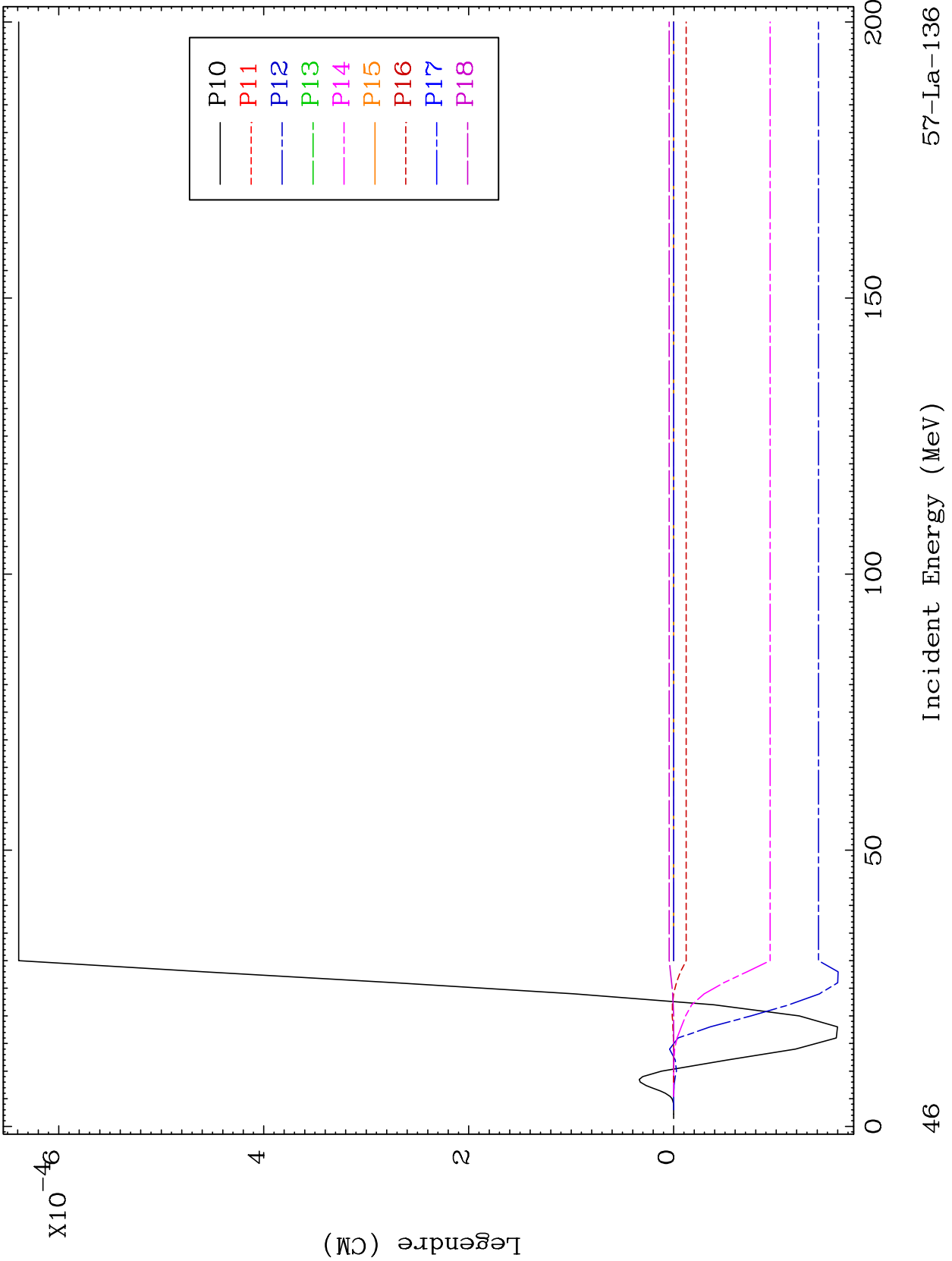
Incident Energy (MeV)

45

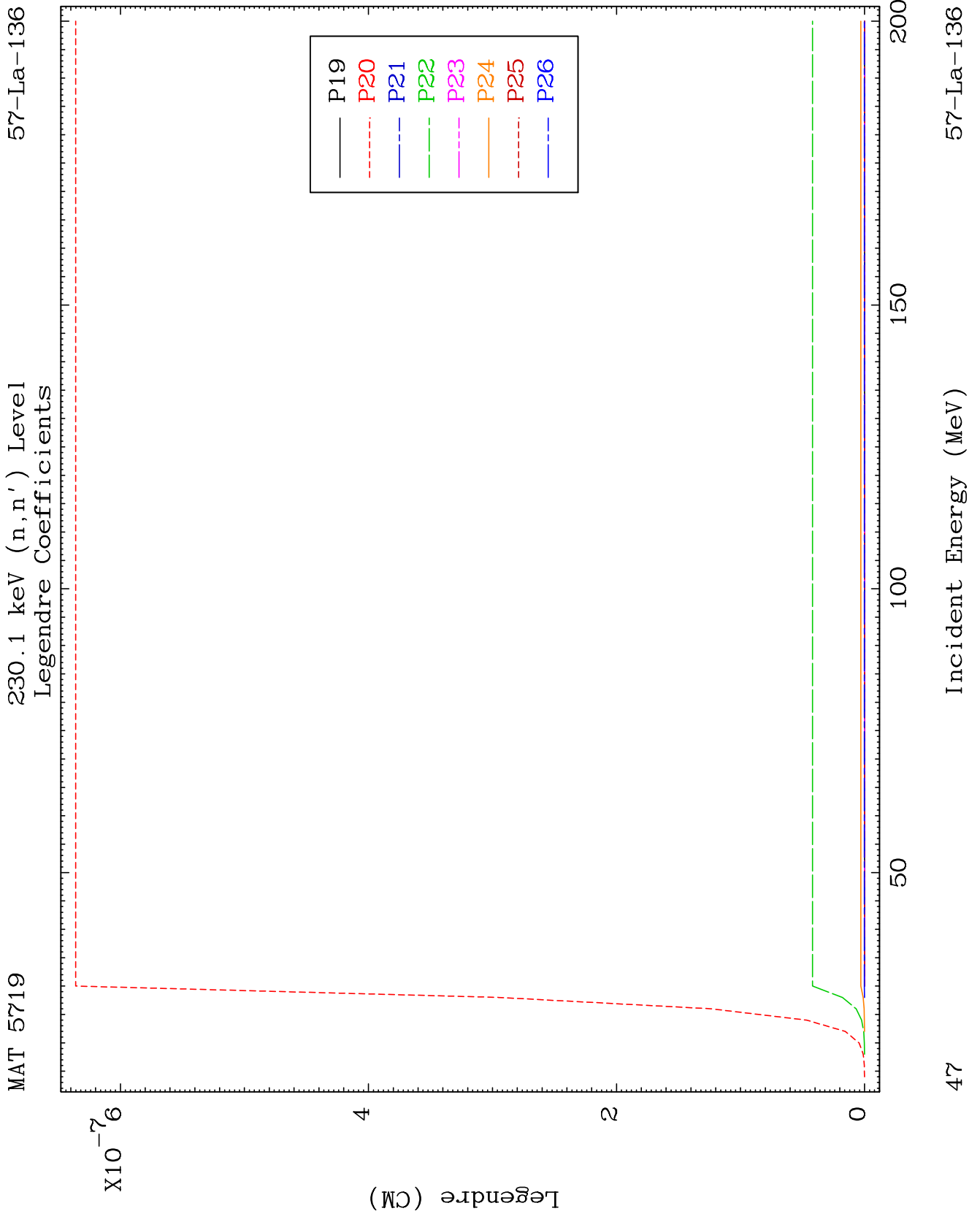
MAT 5719

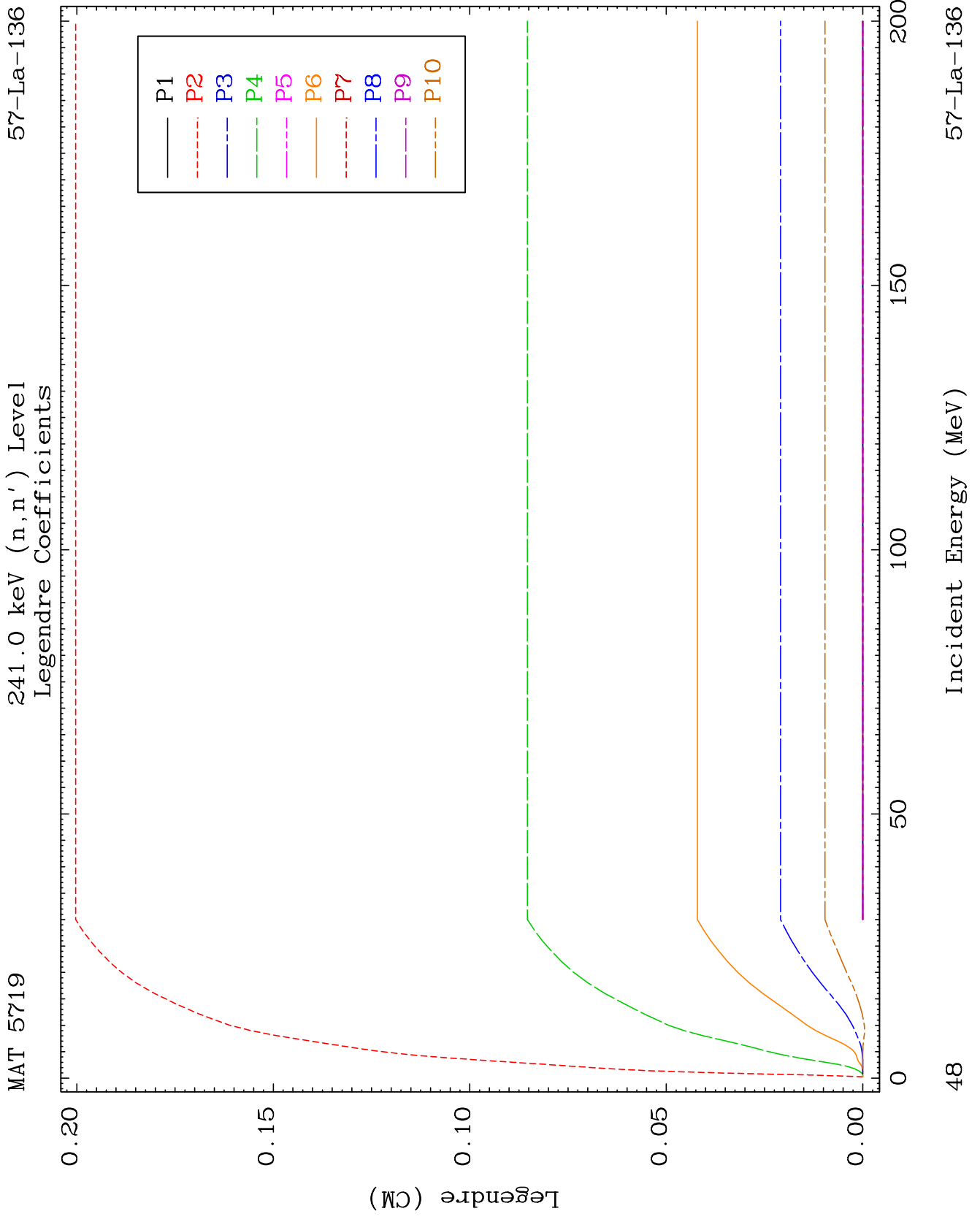
230.1 keV (n,n') Level
Legendre Coefficients

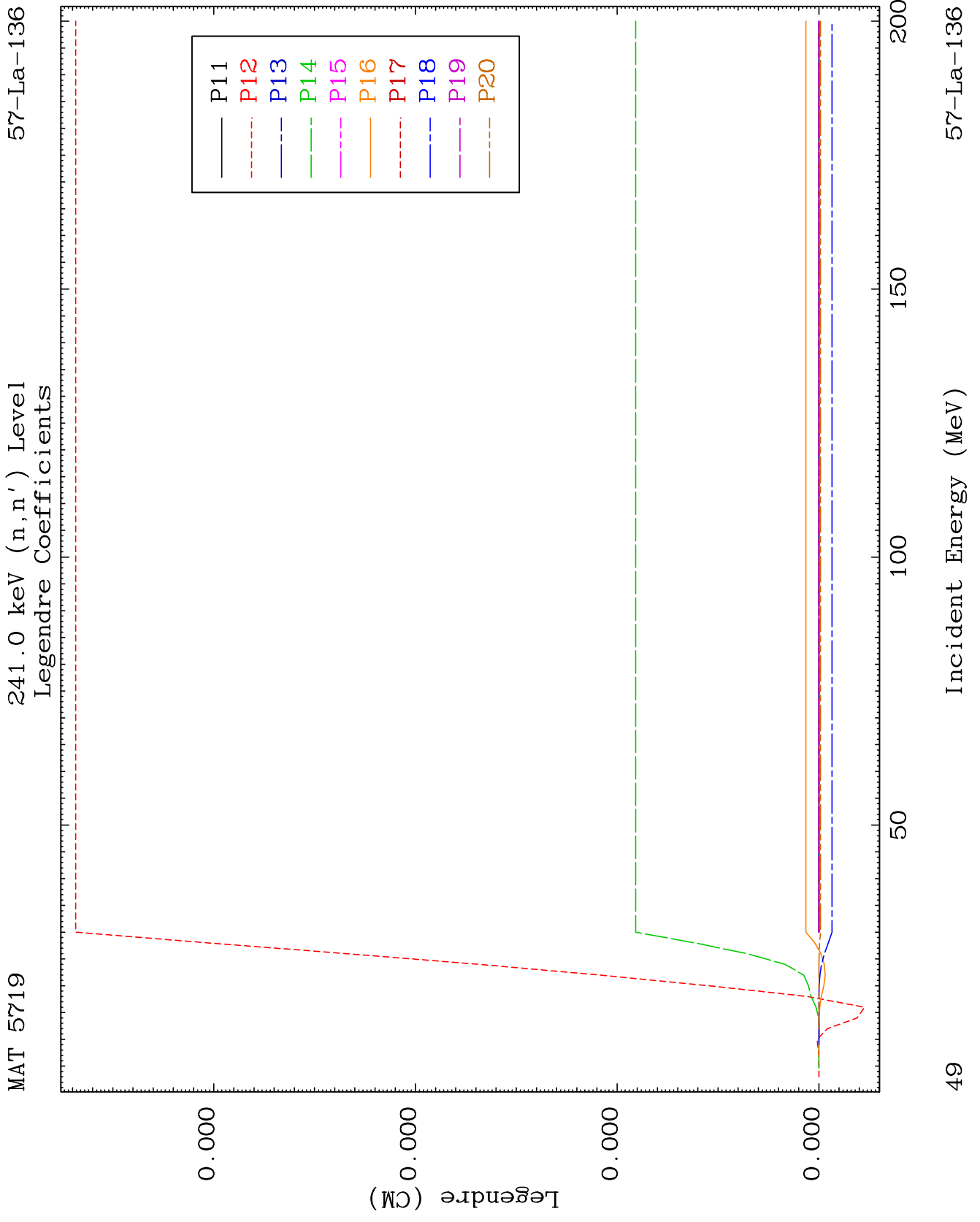
57-La-136

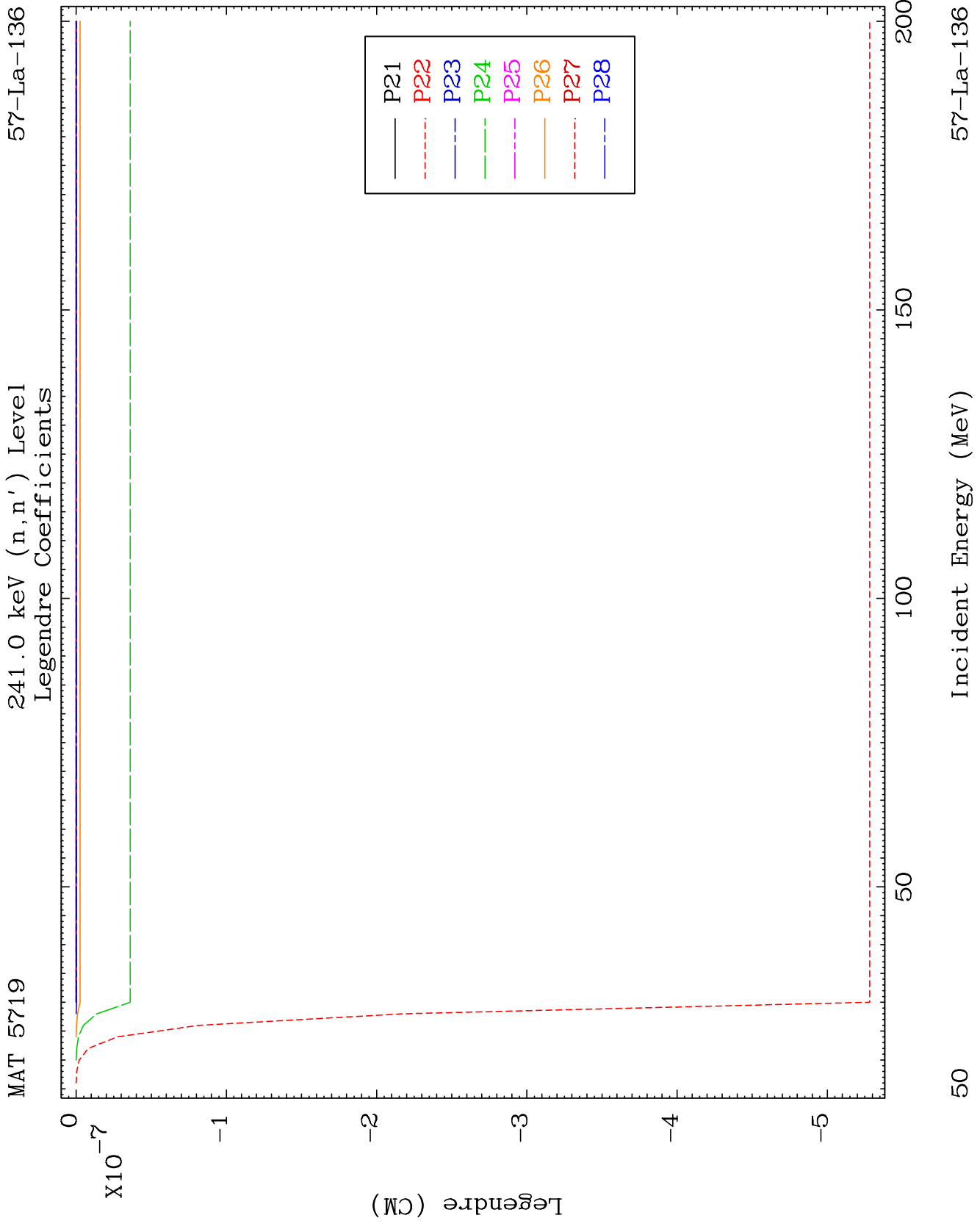


57-La-136





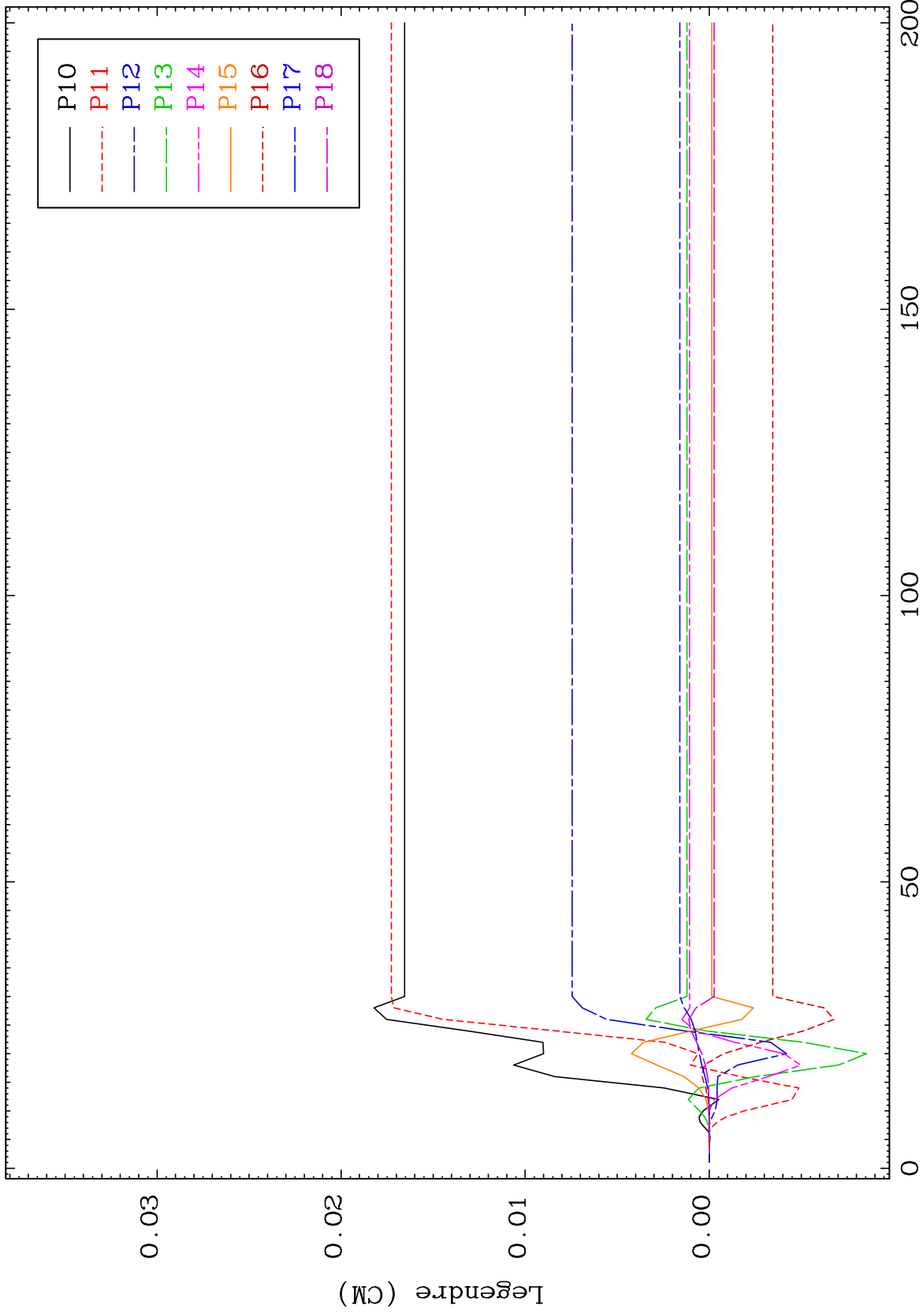




MAT 5719

257.0 keV (n,n') Level
Legendre Coefficients

57-La-136



52

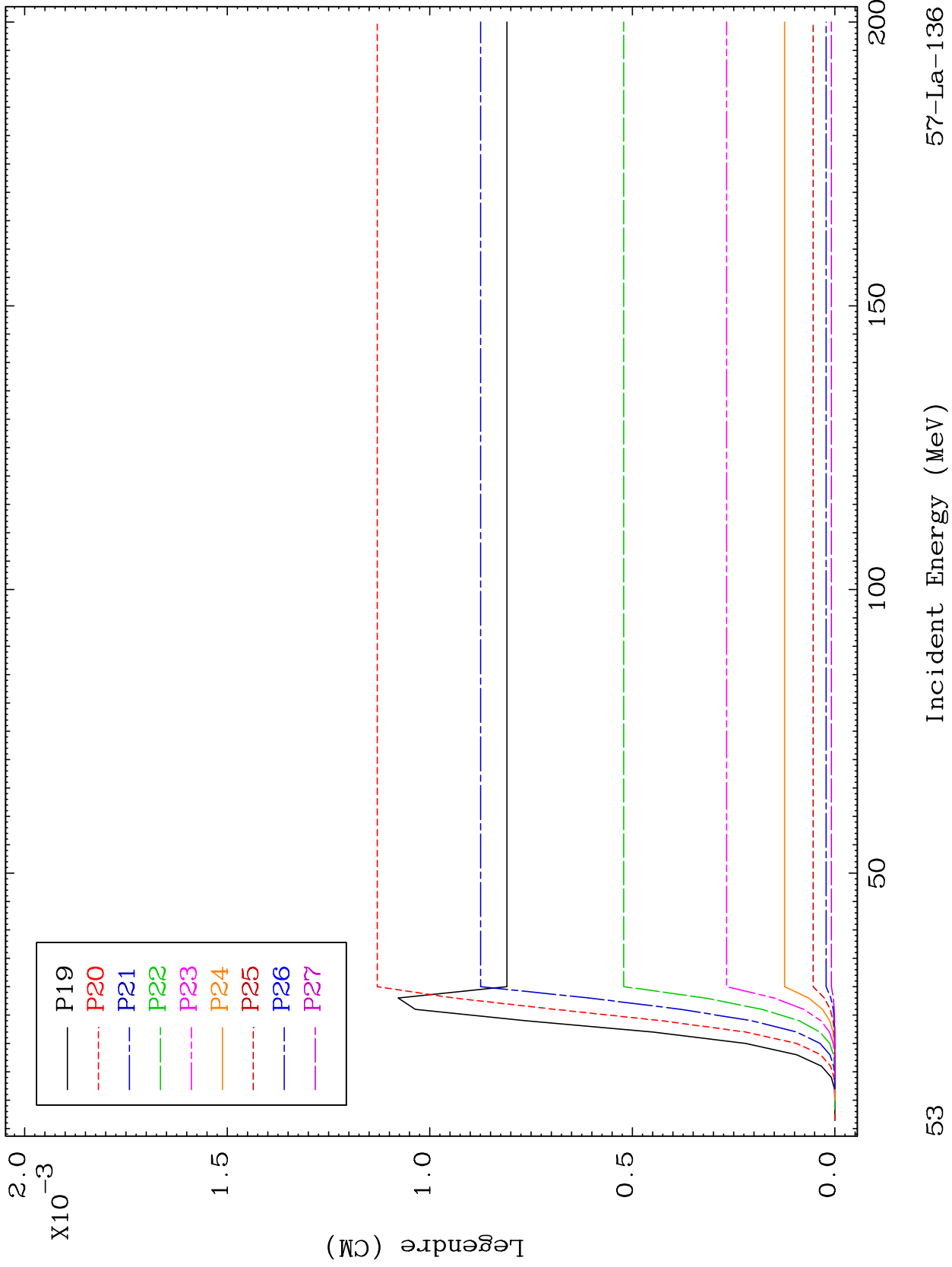
Incident Energy (MeV)

57-La-136

MAT 5719

257.0 keV (n,n') Level
Legendre Coefficients

57-La-136

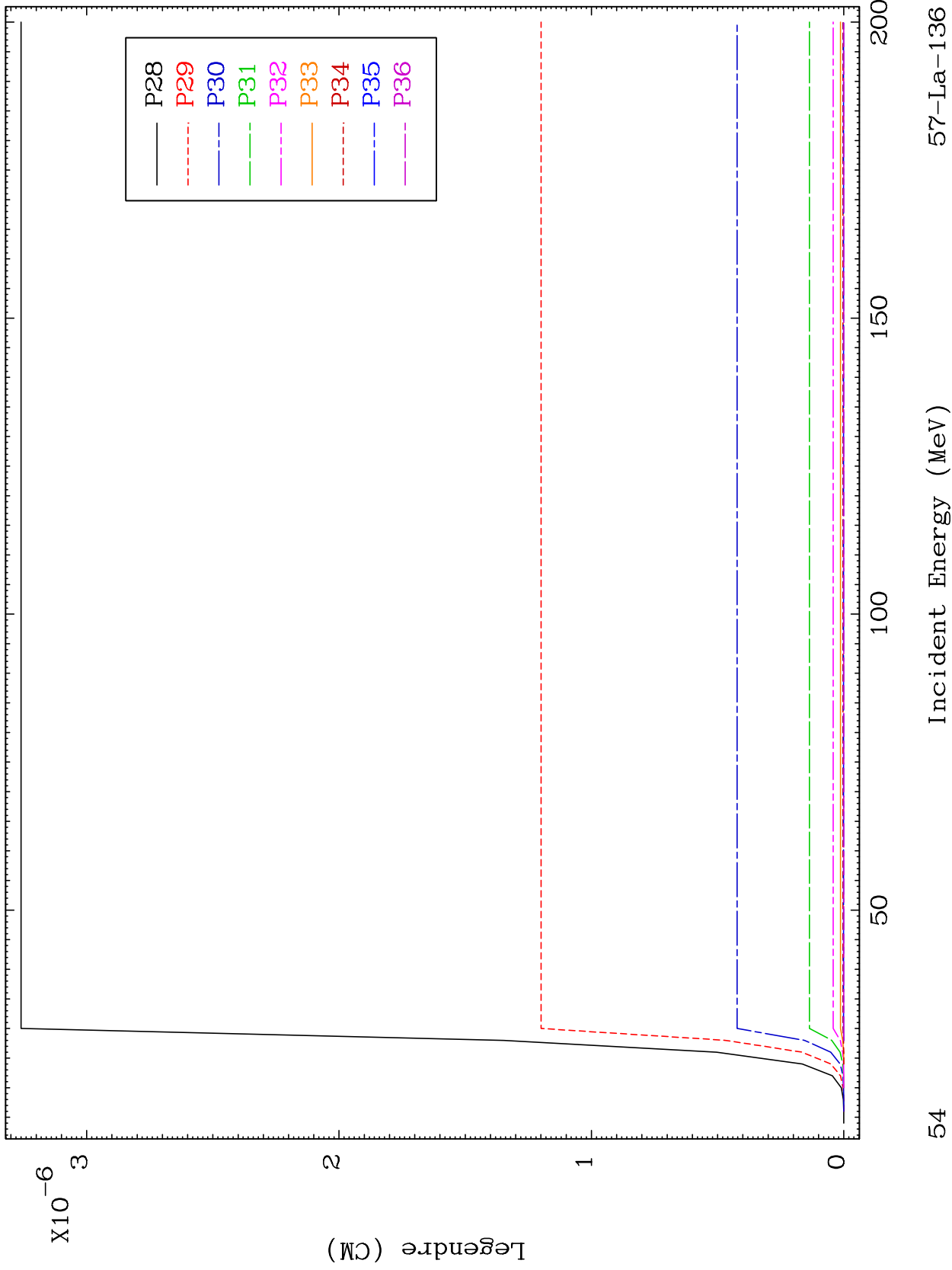


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MAT 5719

257.0 keV (n,n') Level
Legendre Coefficients

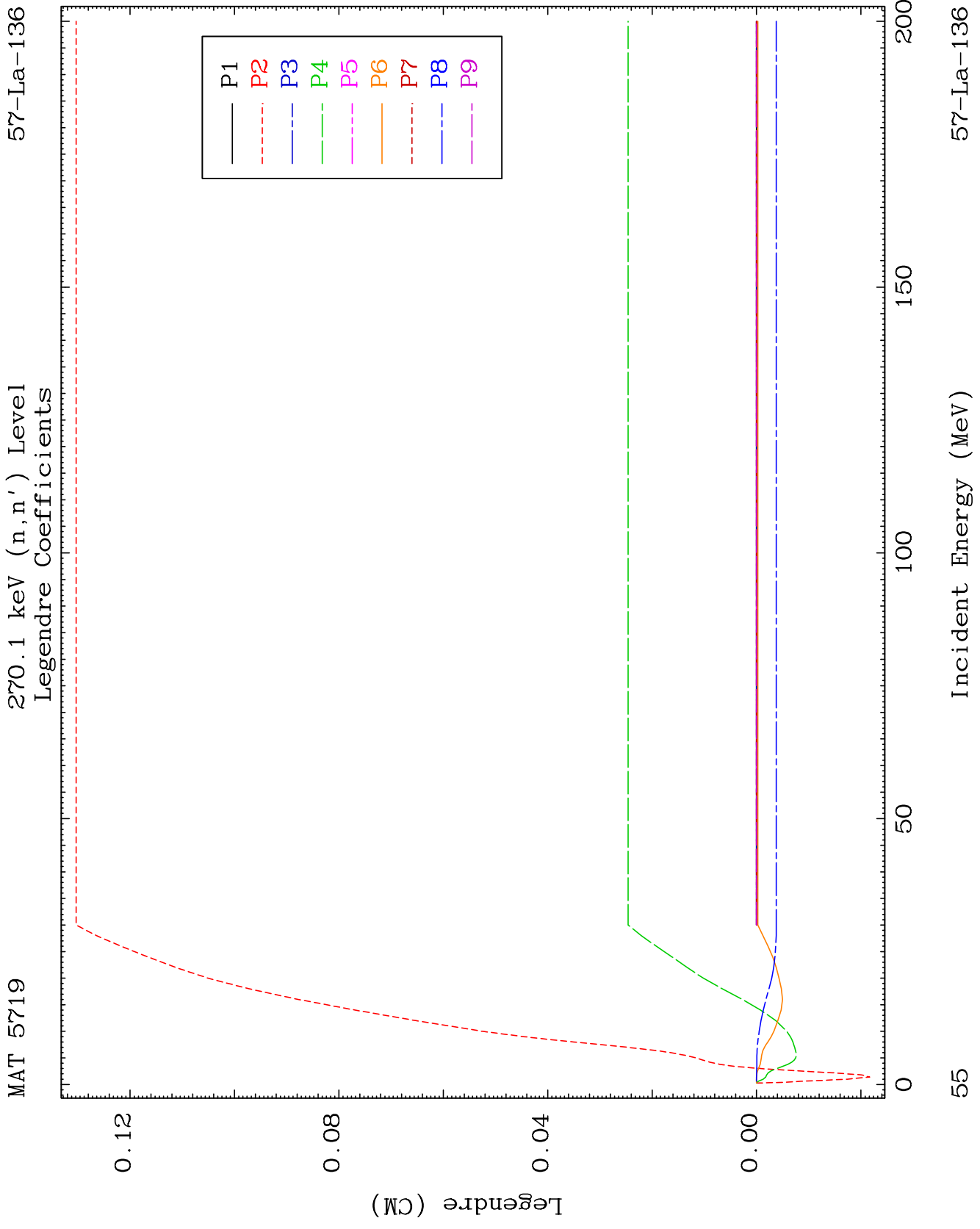
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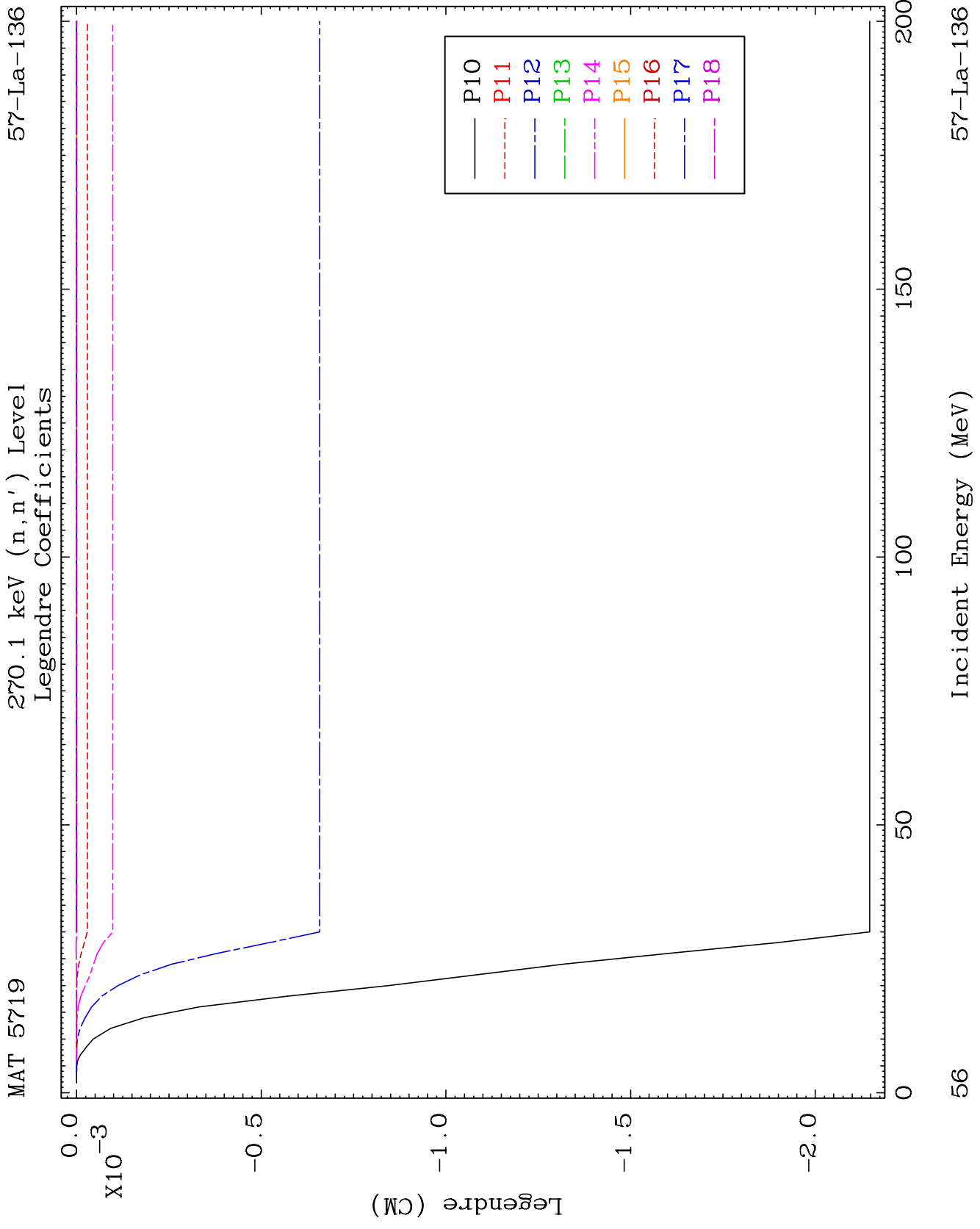


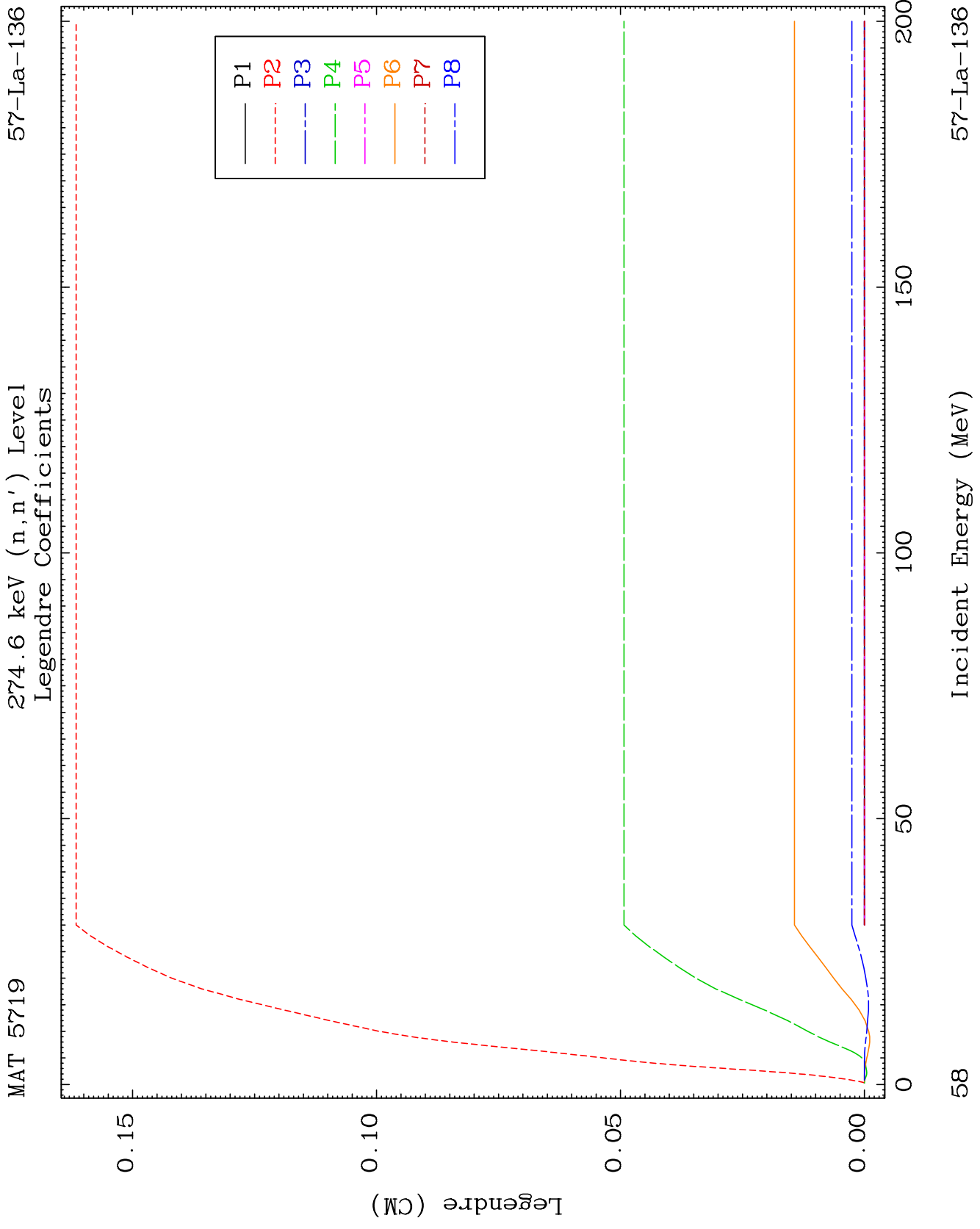
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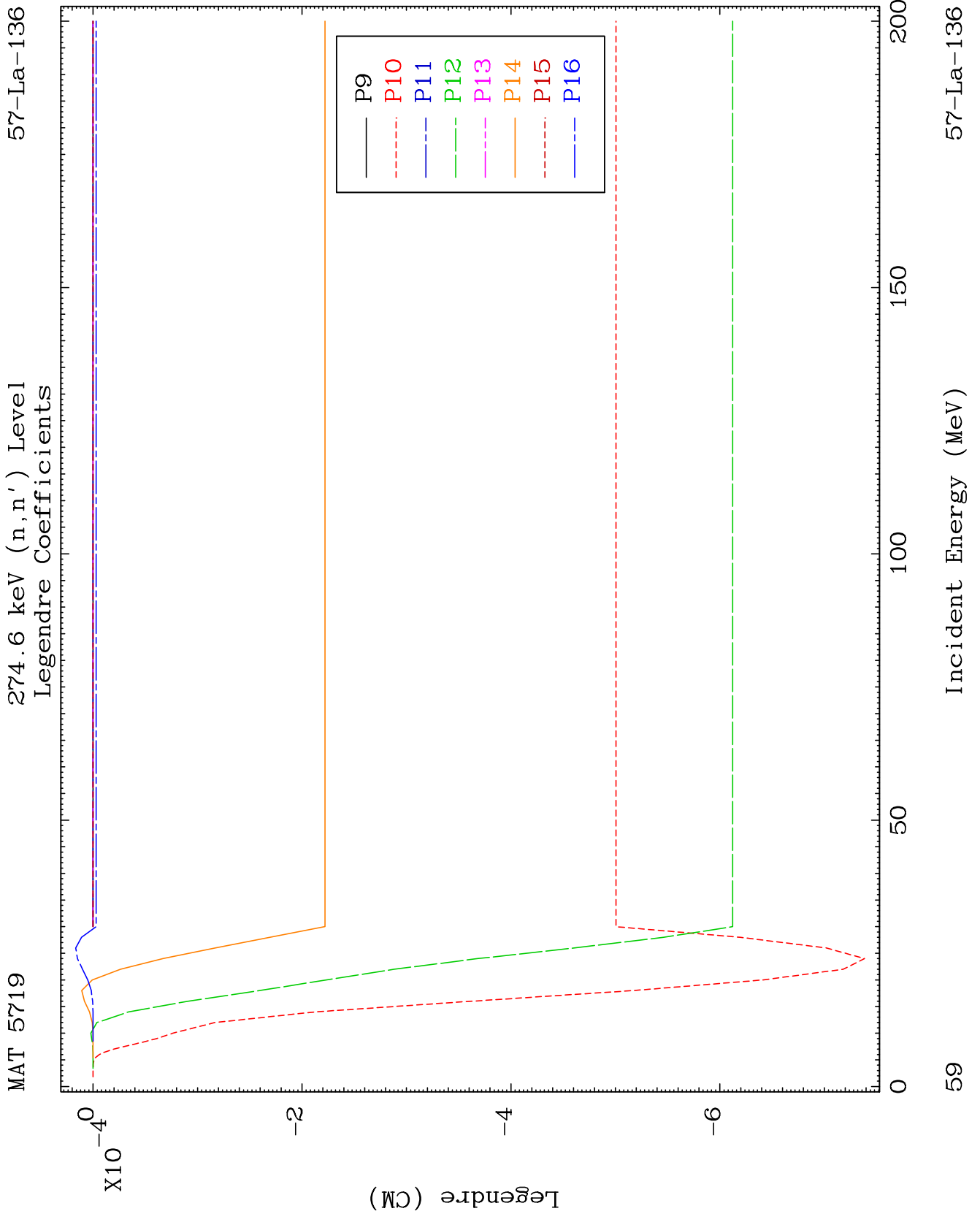
Incident Energy (MeV)

57-La-136





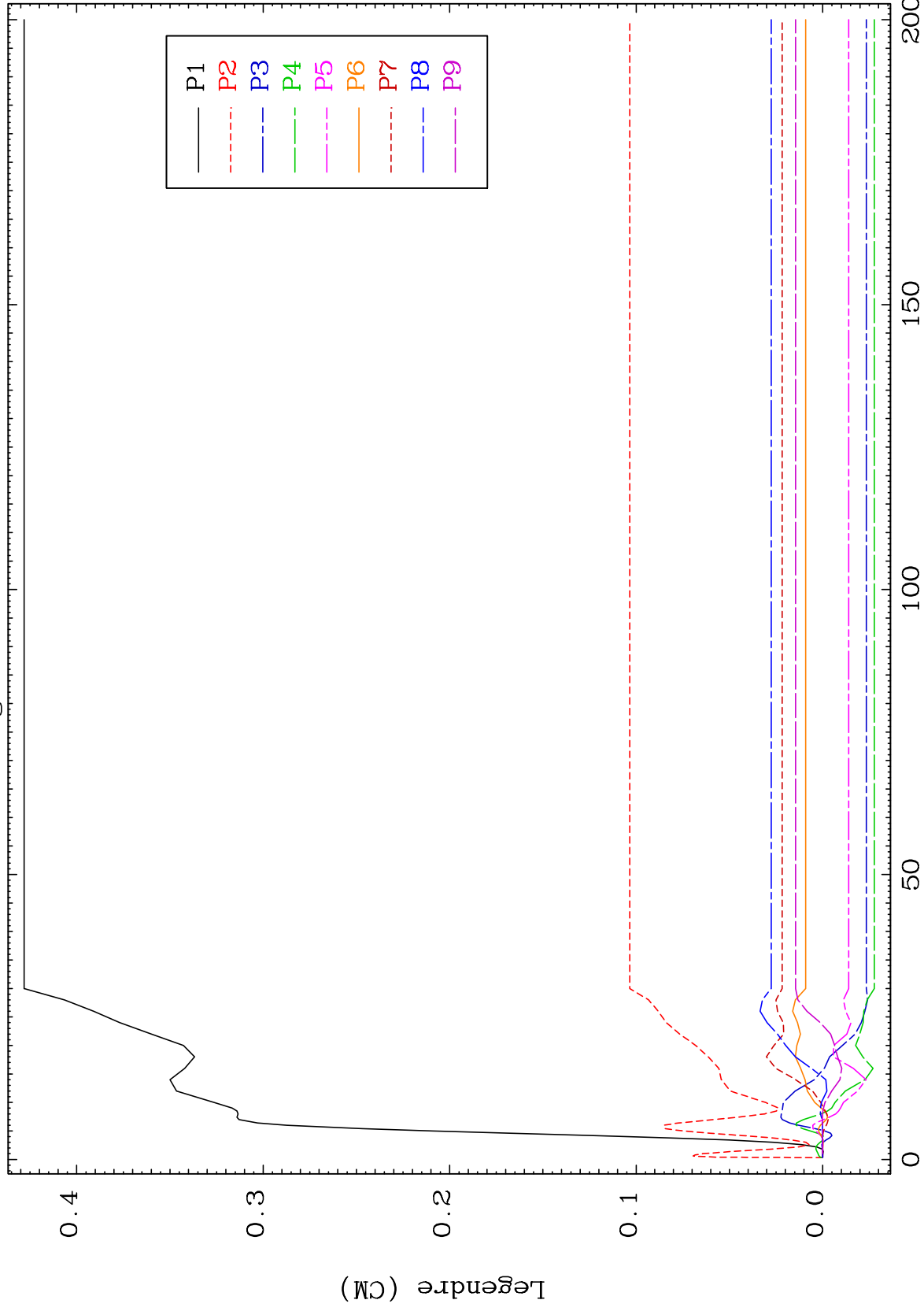




MAT 5719

304.0 keV (n,n') Level
Legendre Coefficients

57-La-136



61

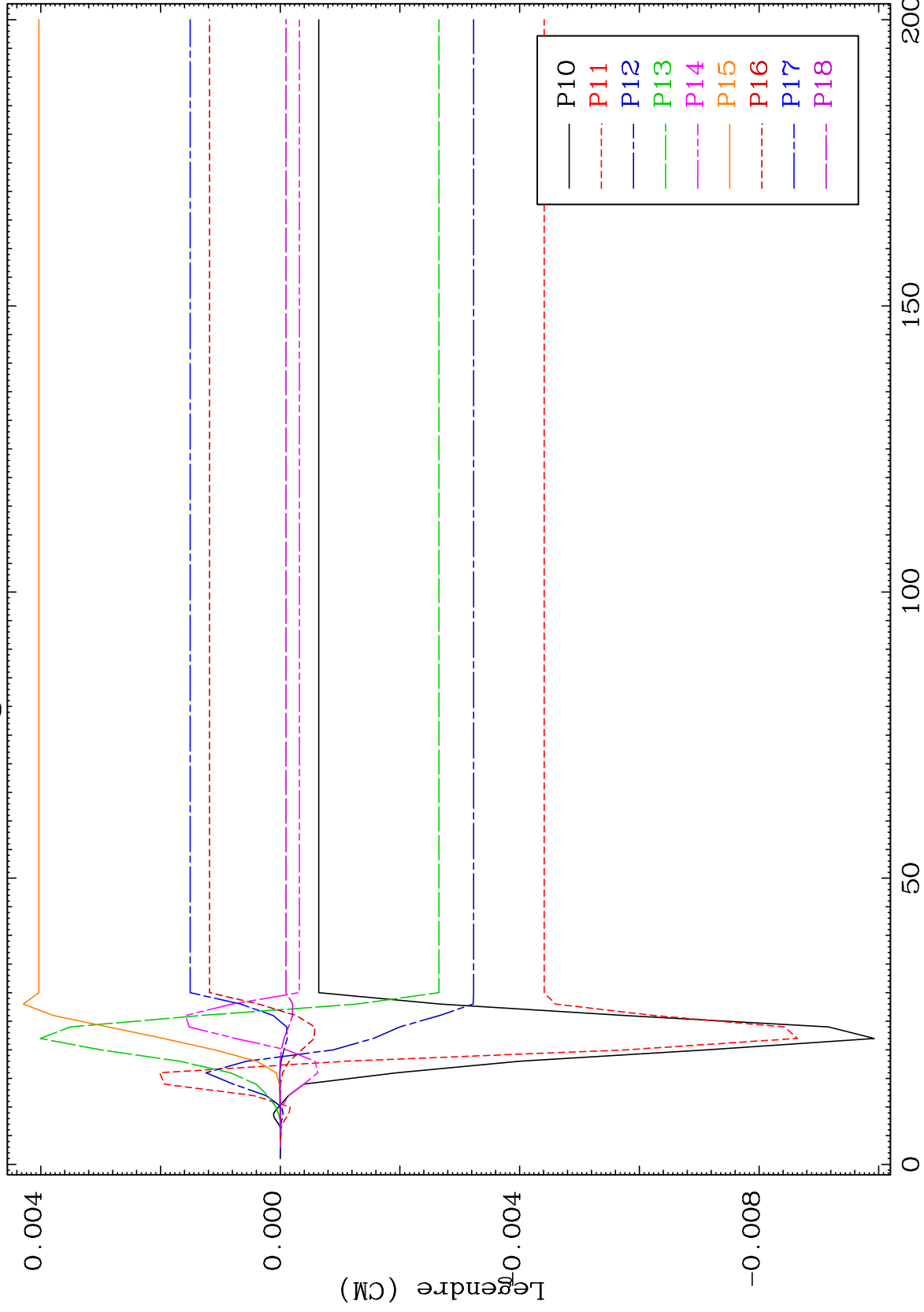
Incident Energy (MeV)

57-La-136

MAT 5719

304.0 keV (n,n') Level
Legendre Coefficients

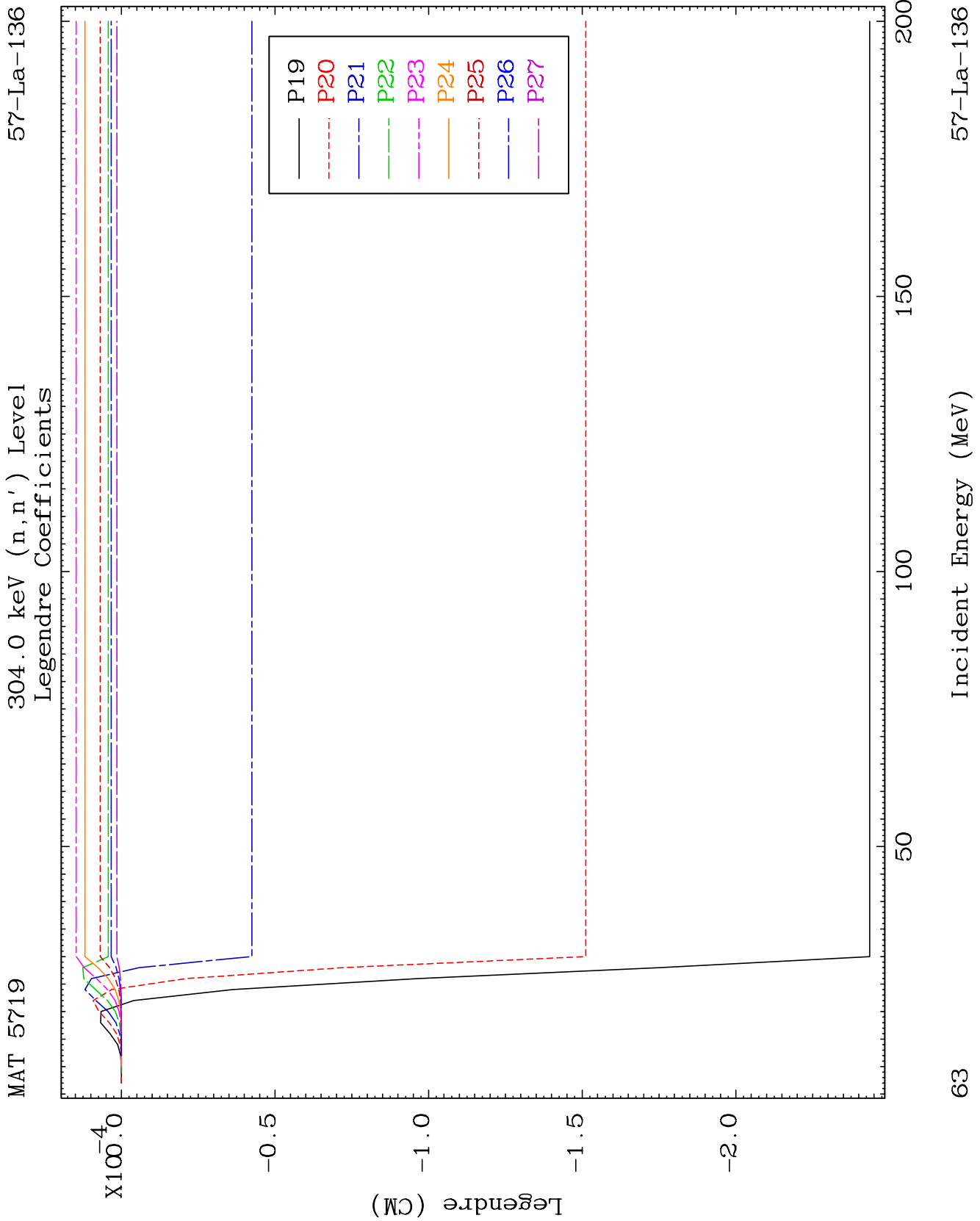
57-La-136



62

Incident Energy (MeV)

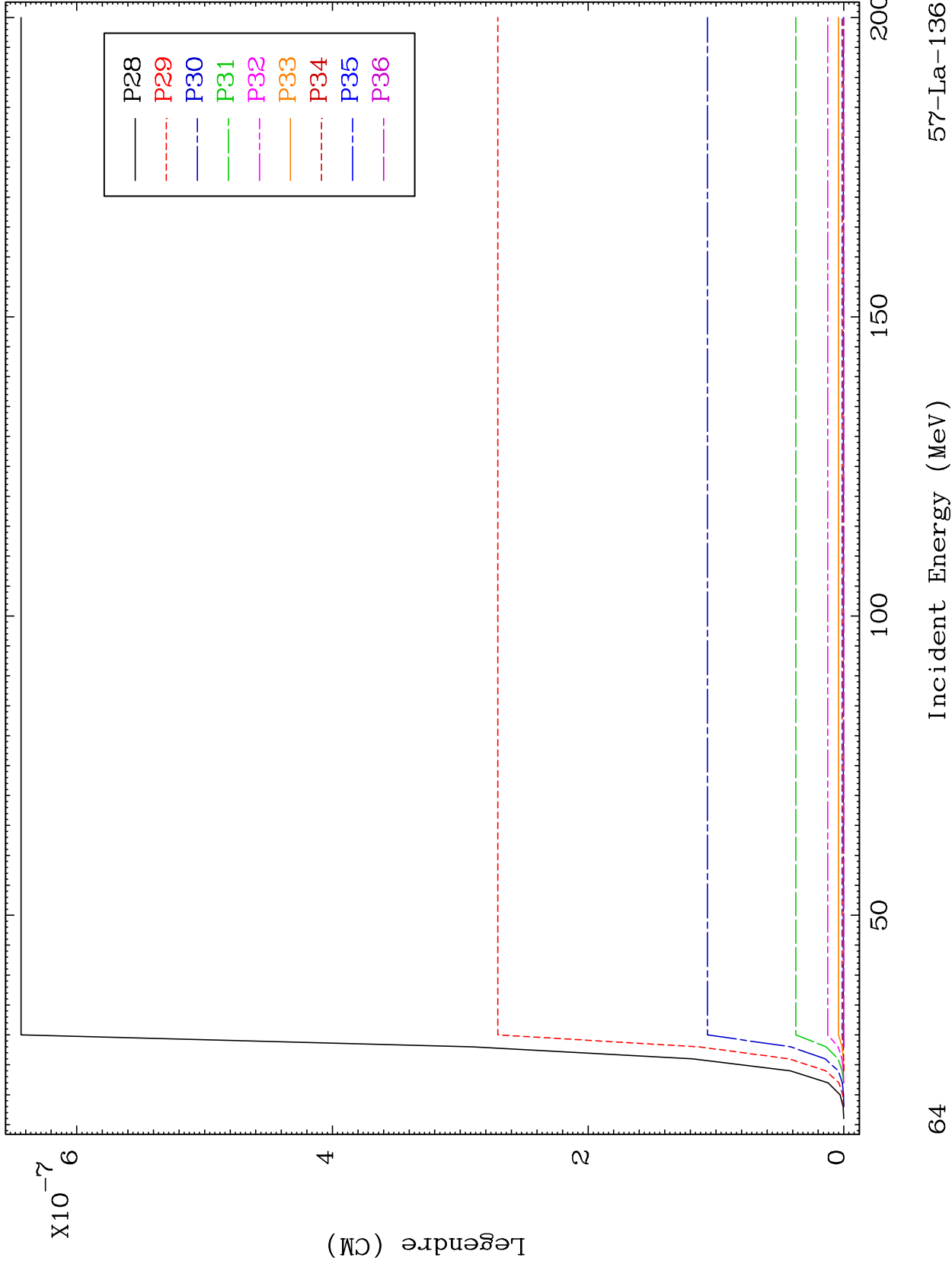
57-La-136



MAT 5719

304.0 keV (n,n') Level
Legendre Coefficients

57-La-136



64

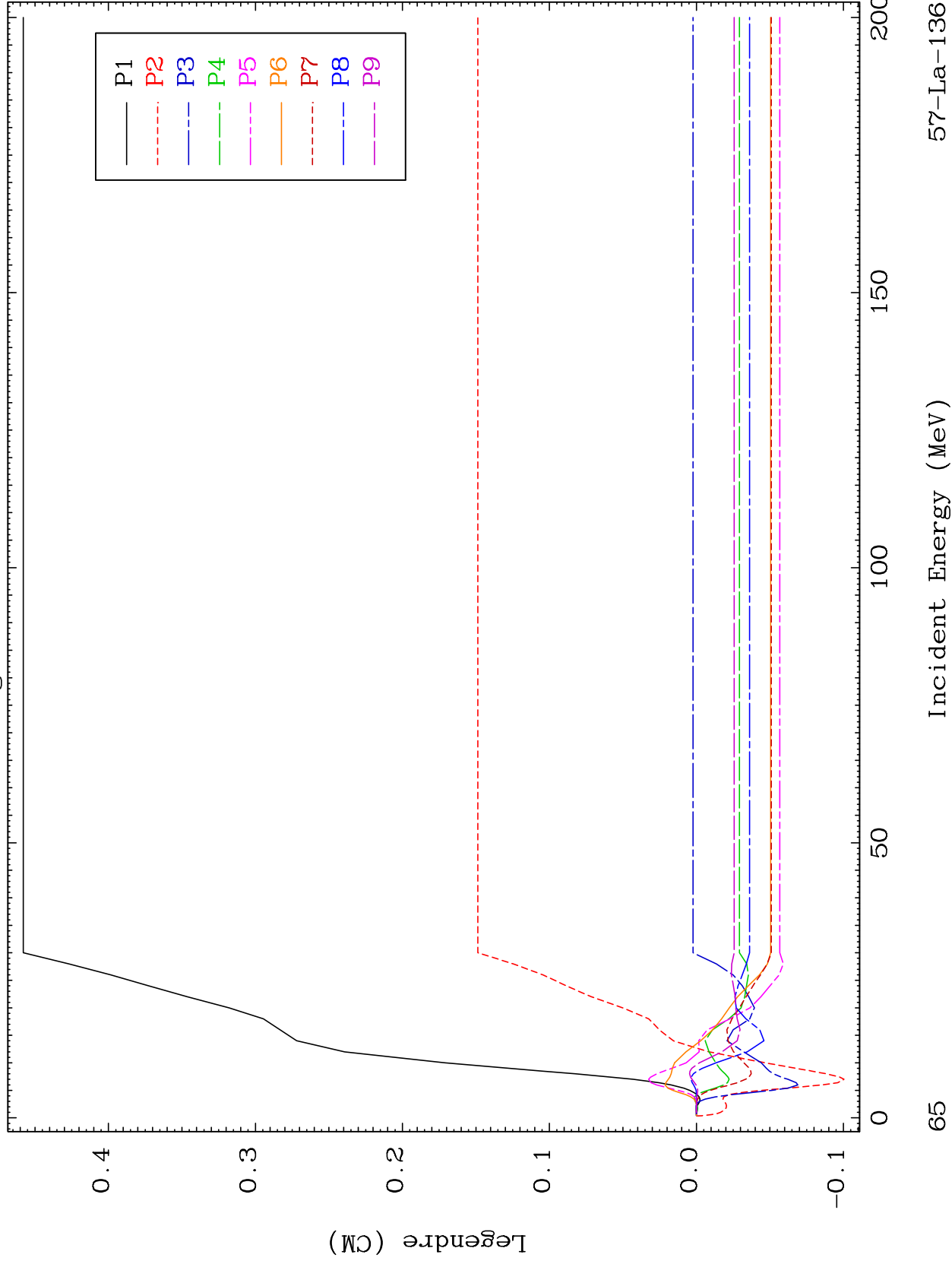
Incident Energy (MeV)

57-La-136

MAT 5719

331.6 keV (n,n') Level
Legendre Coefficients

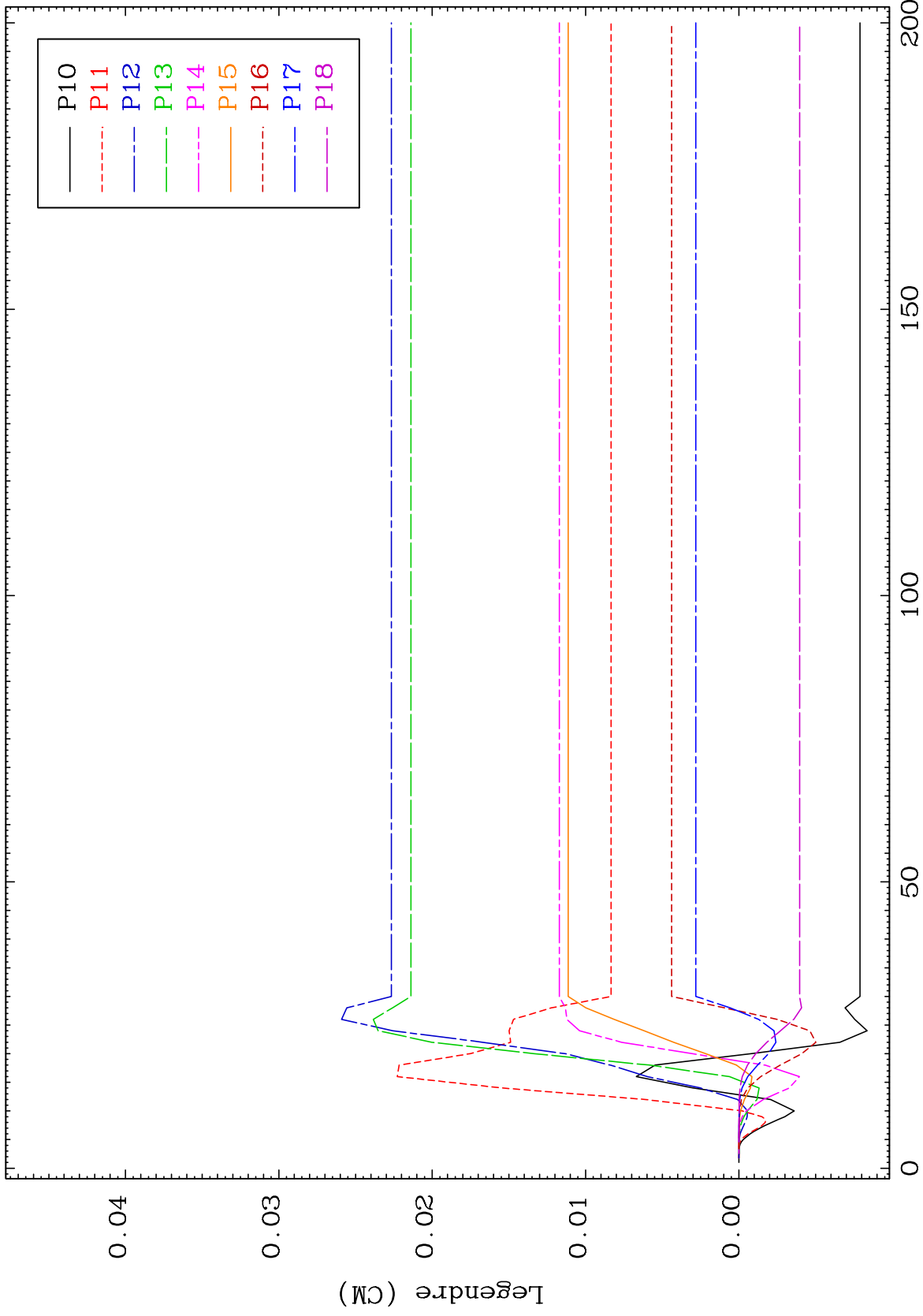
57-La-136



57-La-136

Incident Energy (MeV)

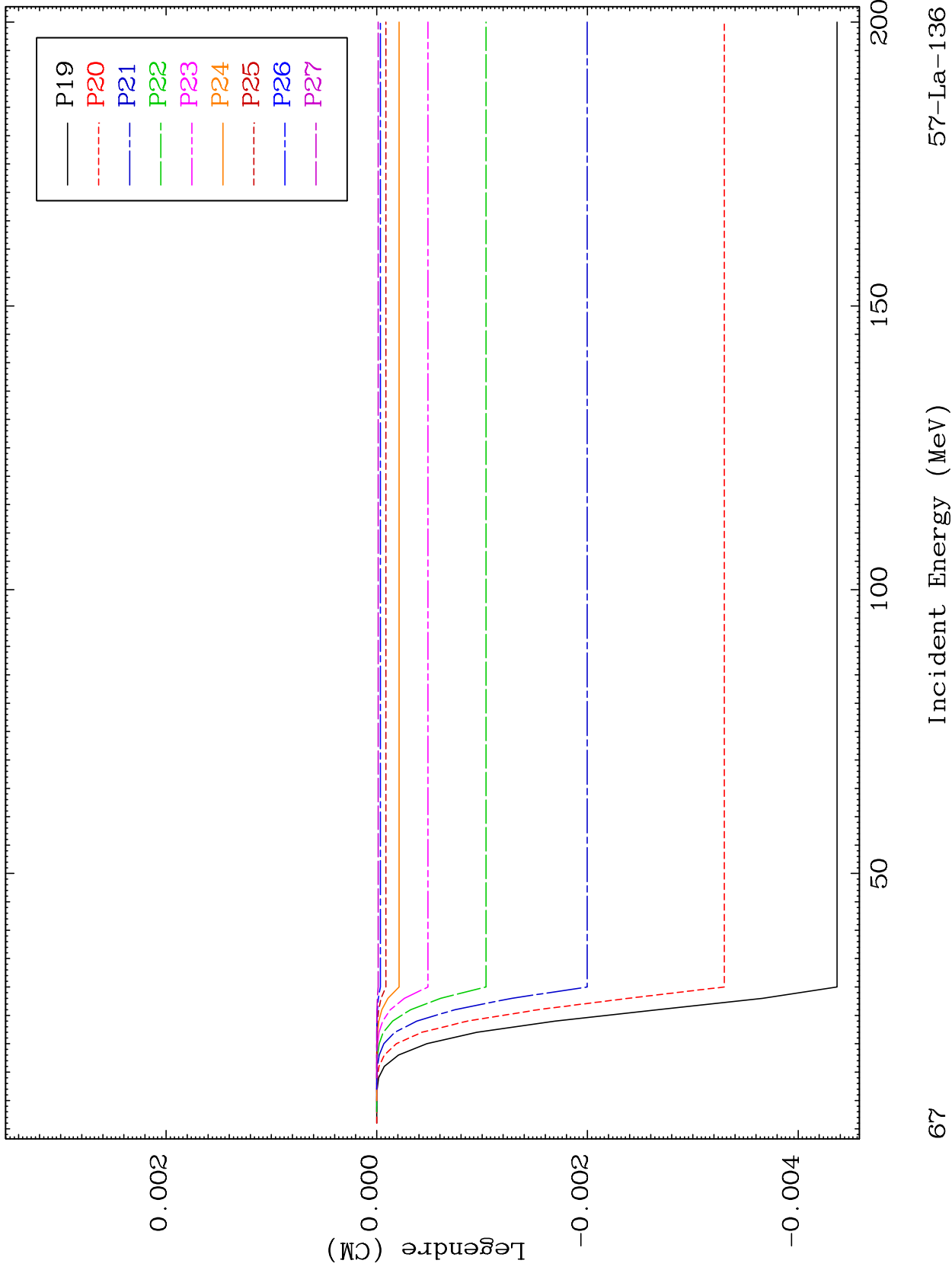
65



MAT 5719

331.6 keV (n,n') Level
Legendre Coefficients

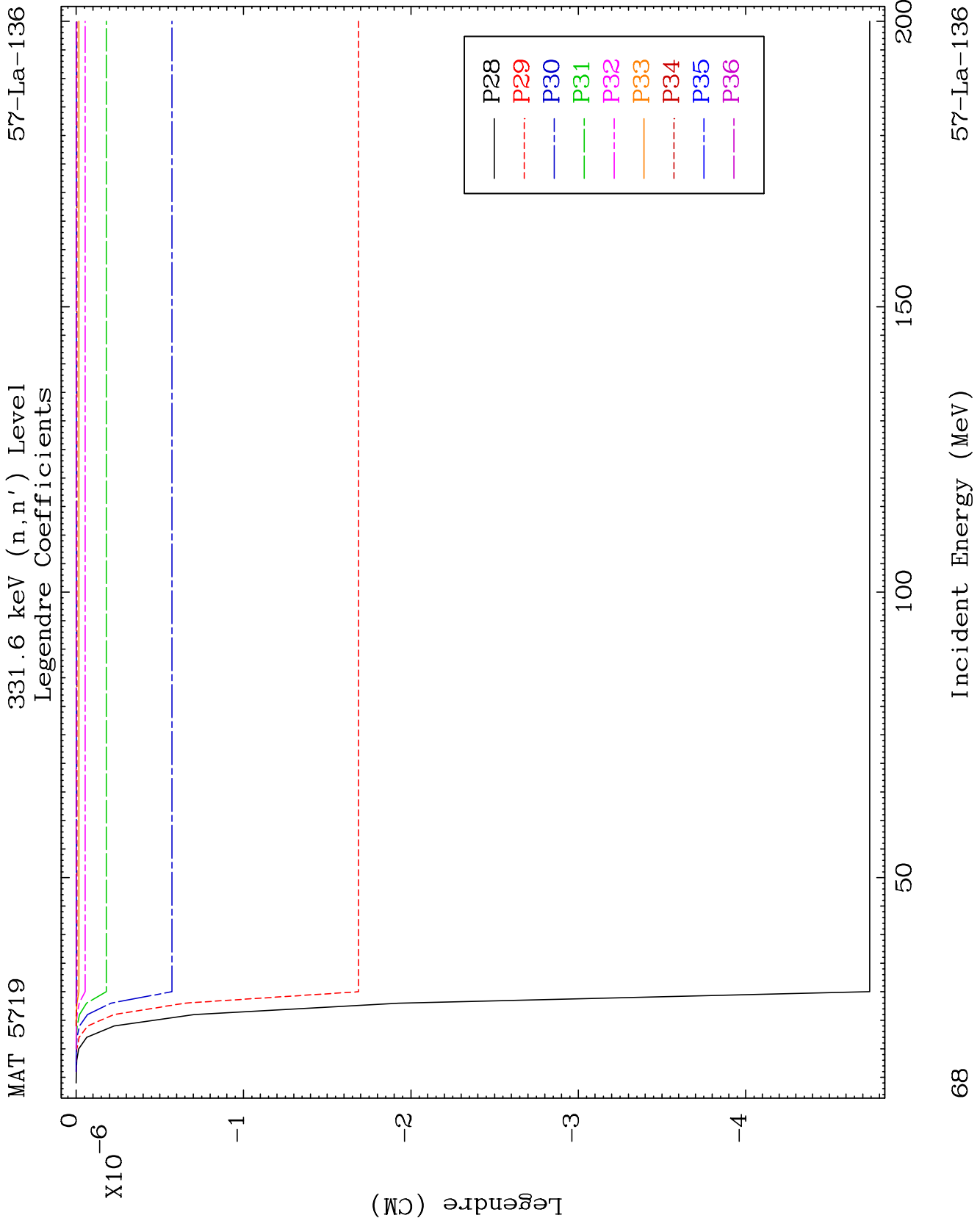
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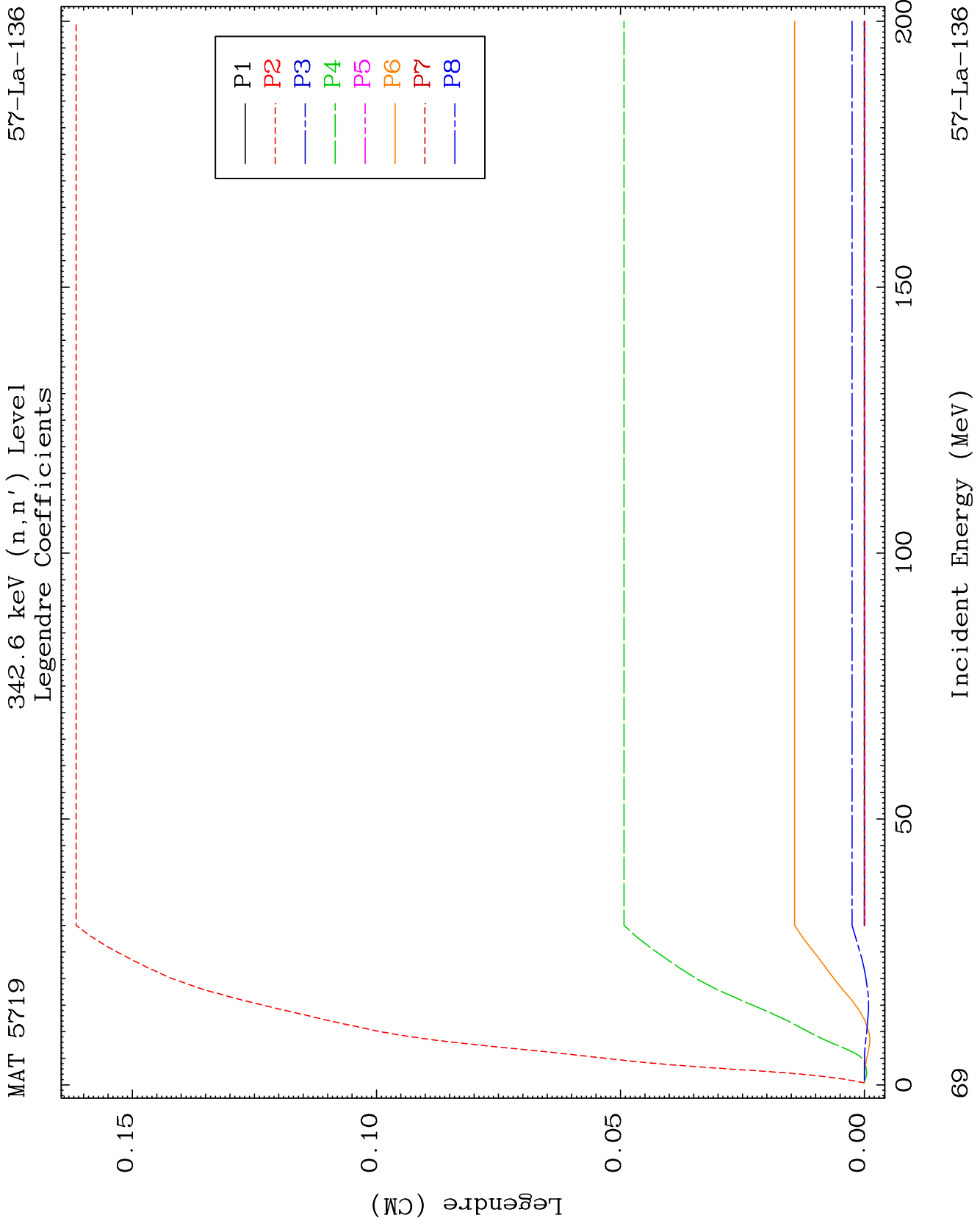


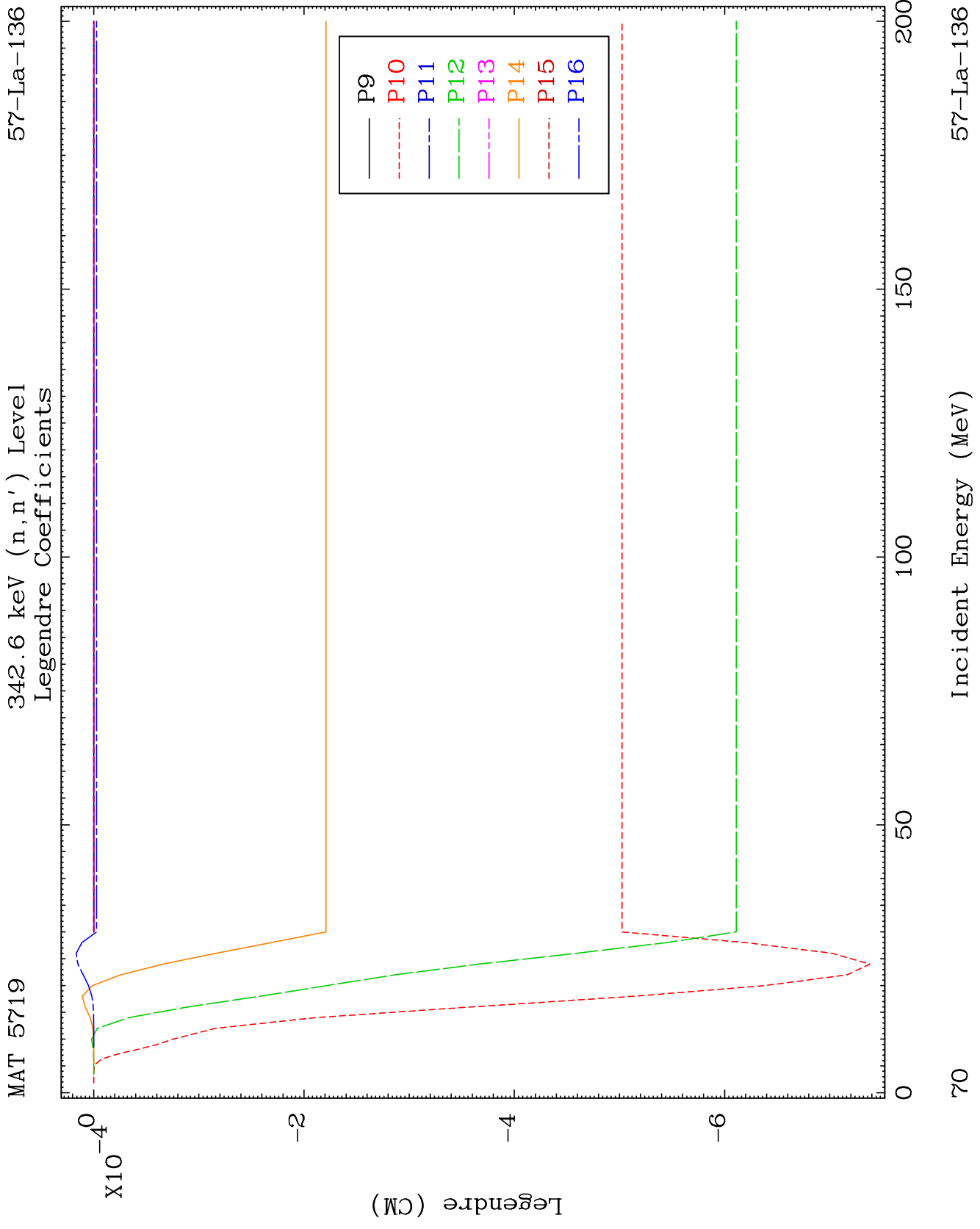
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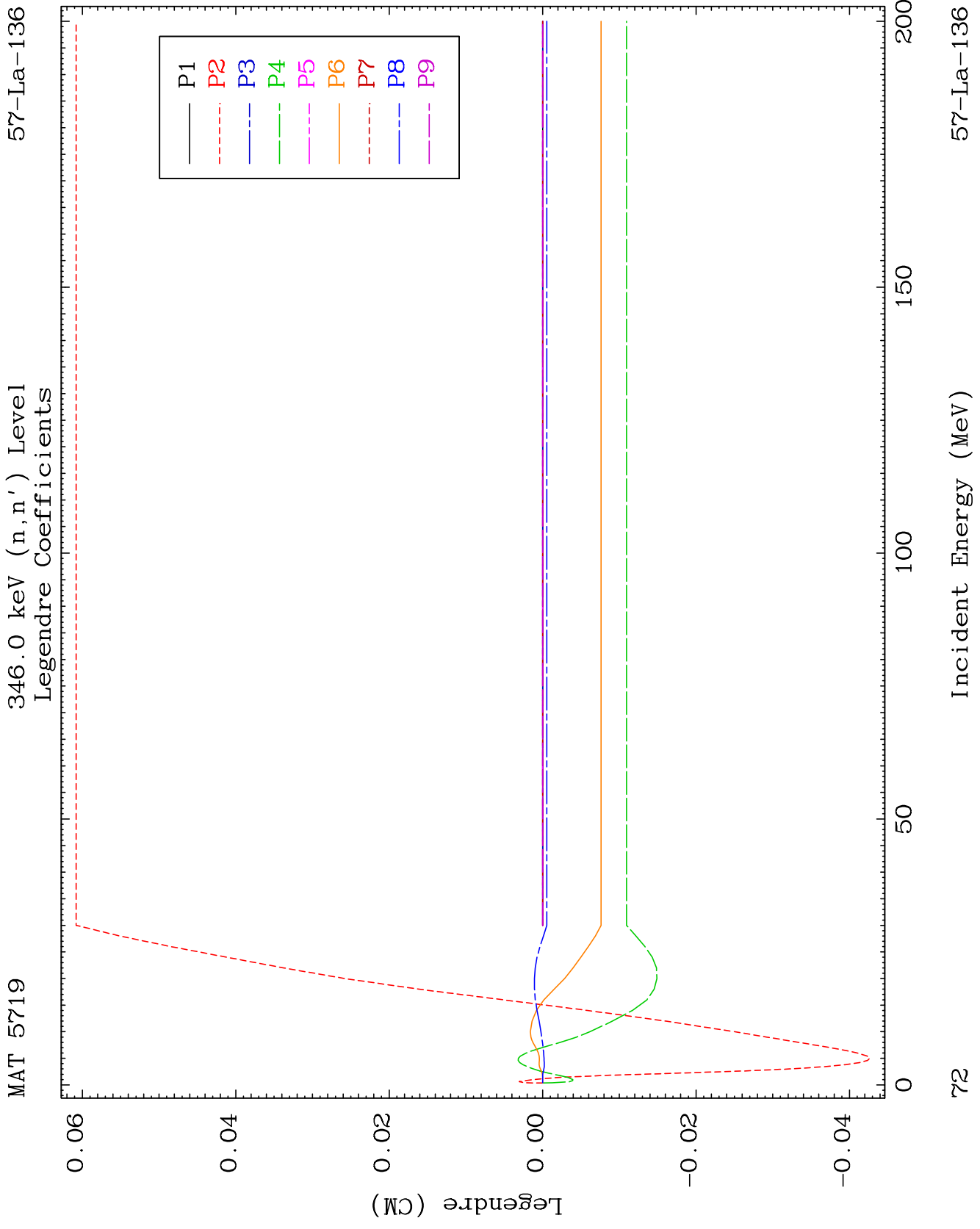
Incident Energy (MeV)

57-La-136





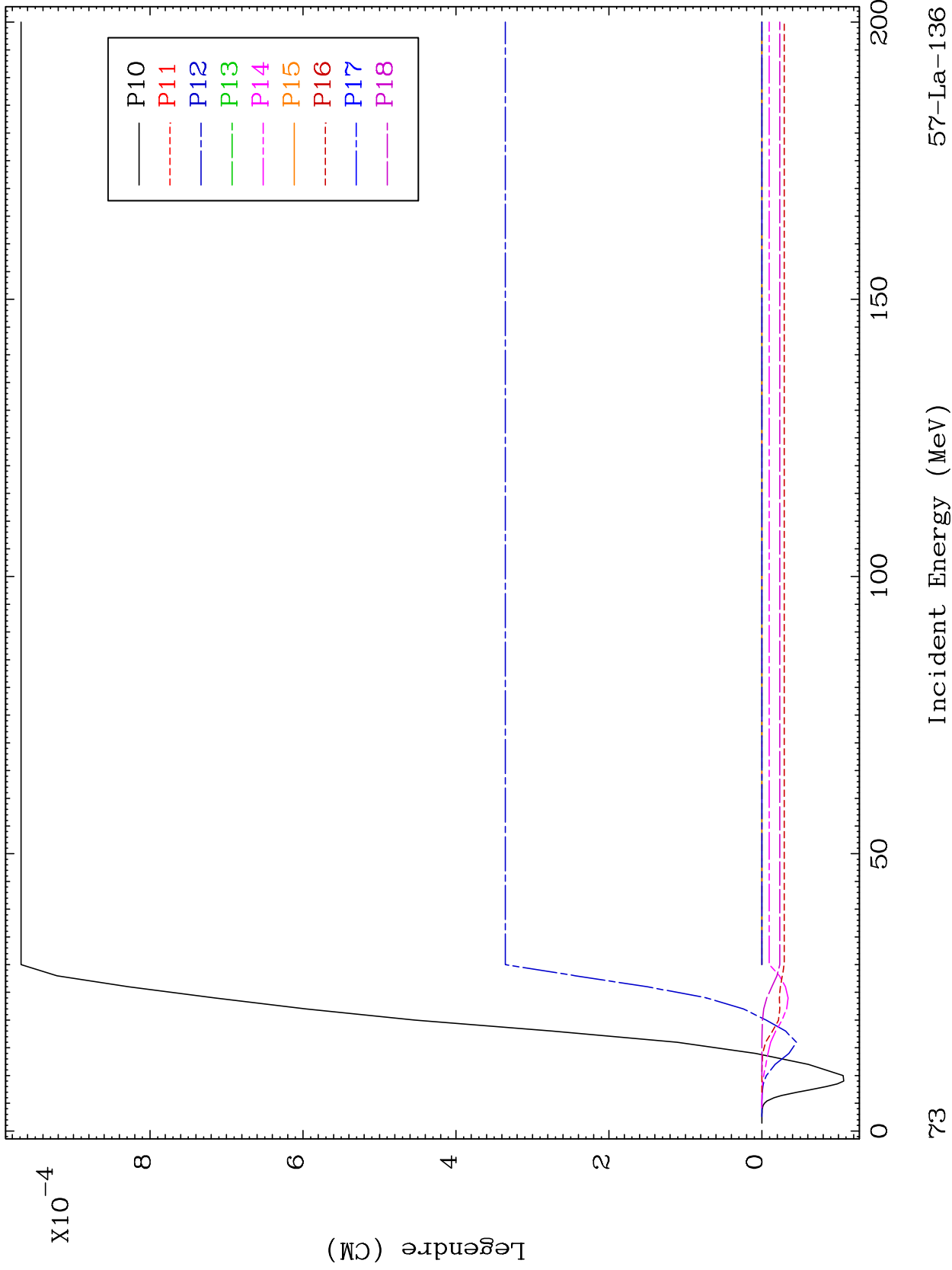




MAT 5719

346.0 keV (n,n') Level
Legendre Coefficients

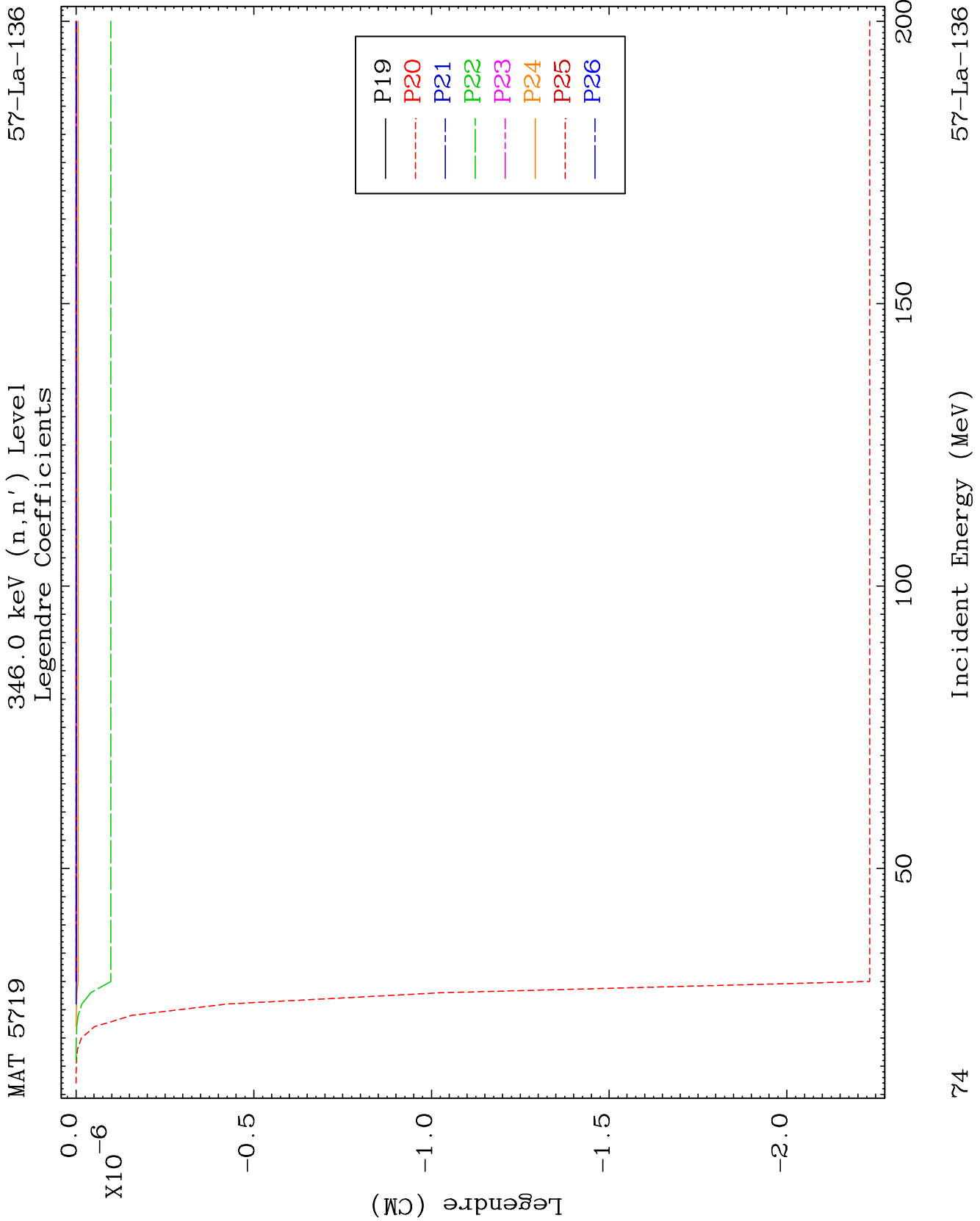
57-La-136

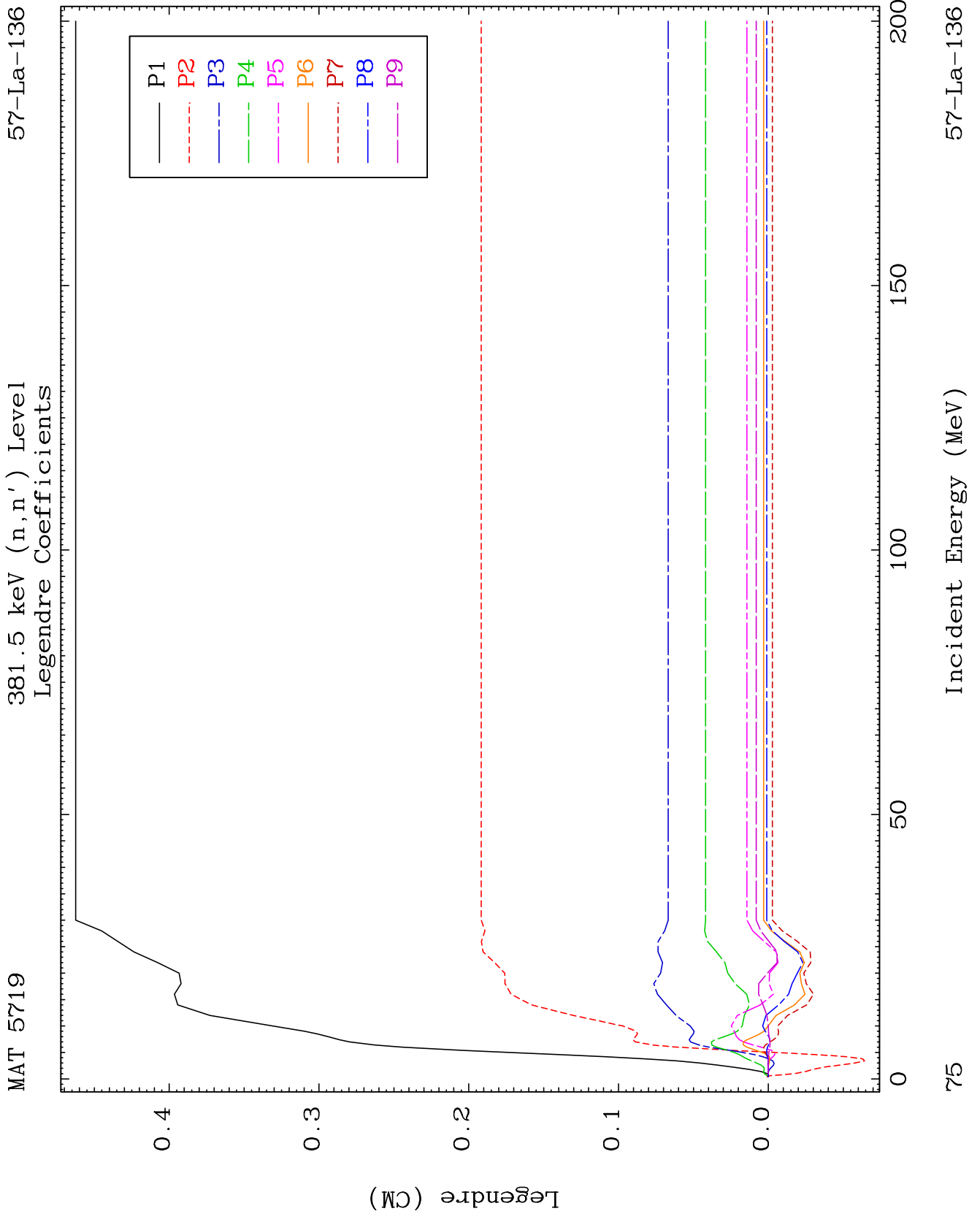


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Incident Energy (MeV)

73

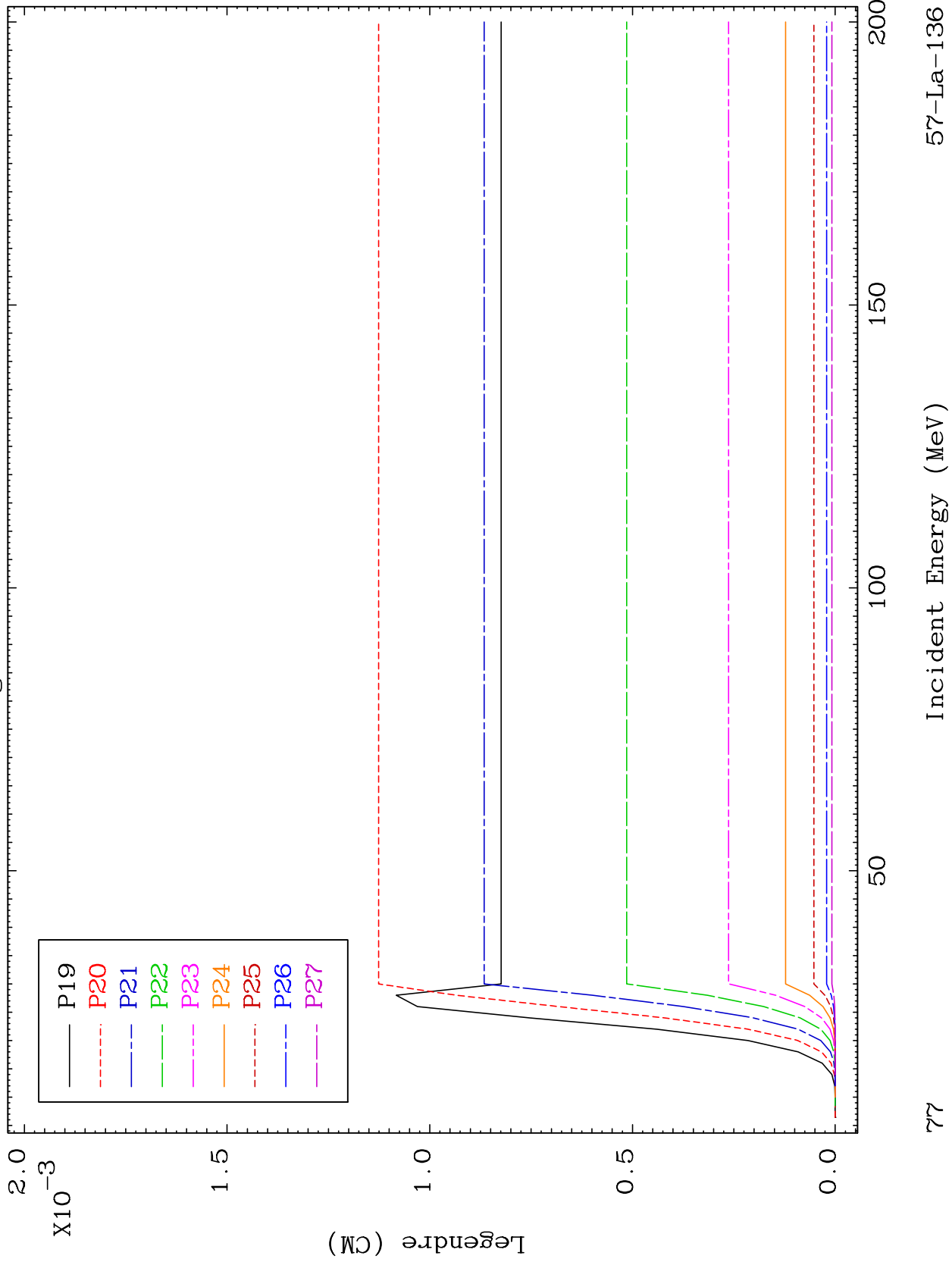




MAT 5719

381.5 keV (n,n') Level
Legendre Coefficients

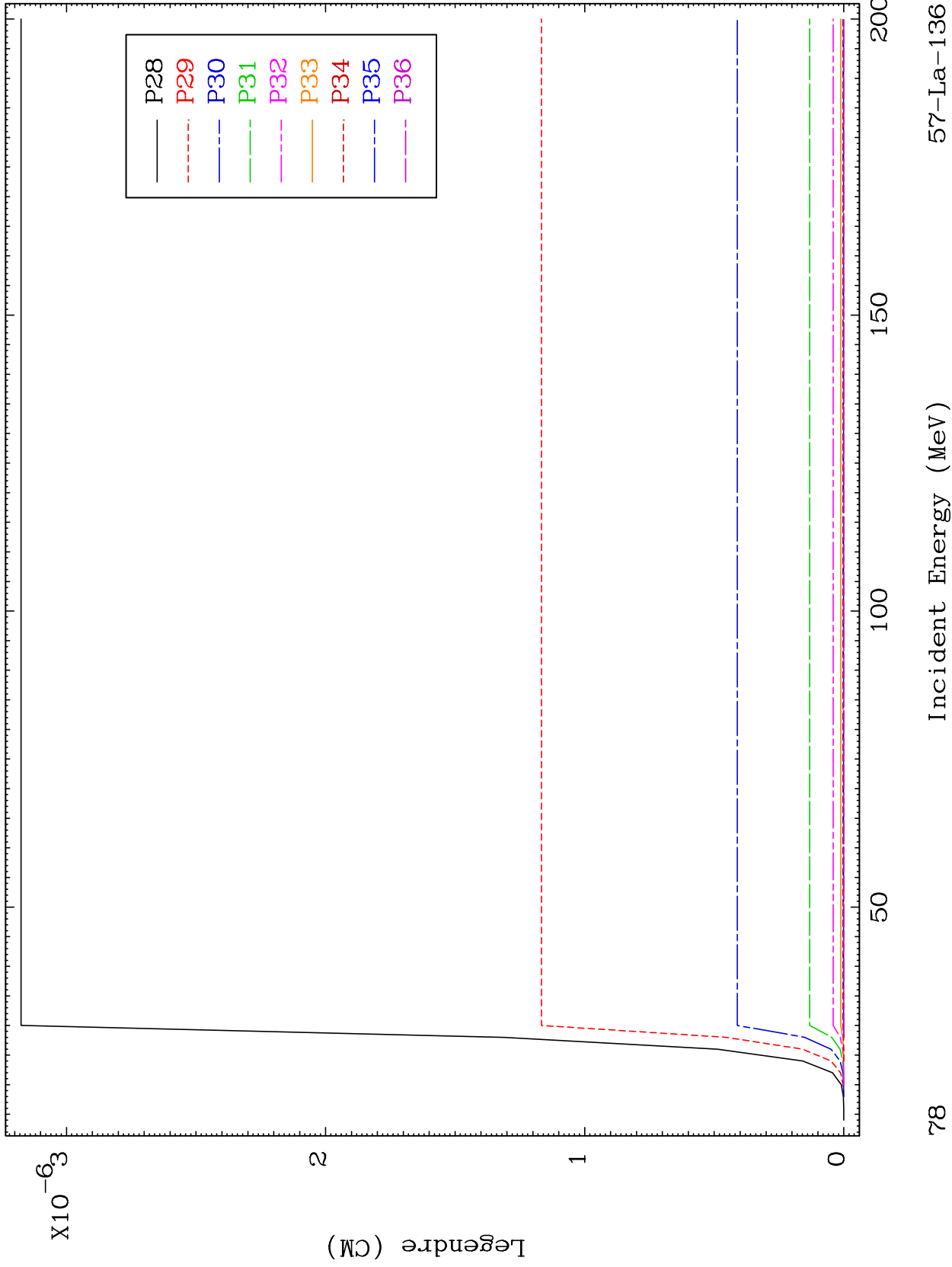
57-La-136



MAT 5719

381.5 keV (n,n') Level
Legendre Coefficients

57-La-136



78

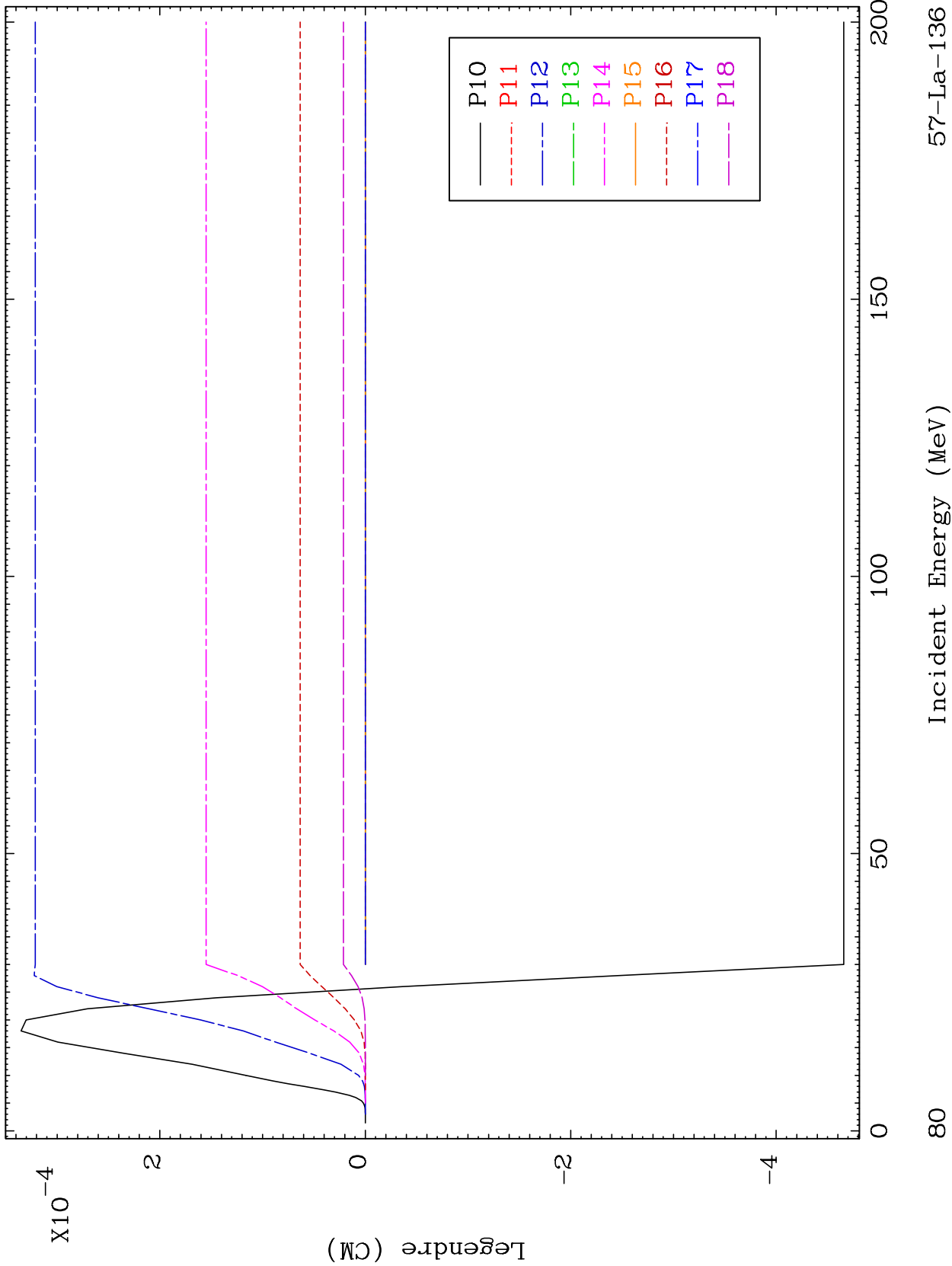
Incident Energy (MeV)

57-La-136

MAT 5719

393.0 keV (n,n') Level
Legendre Coefficients

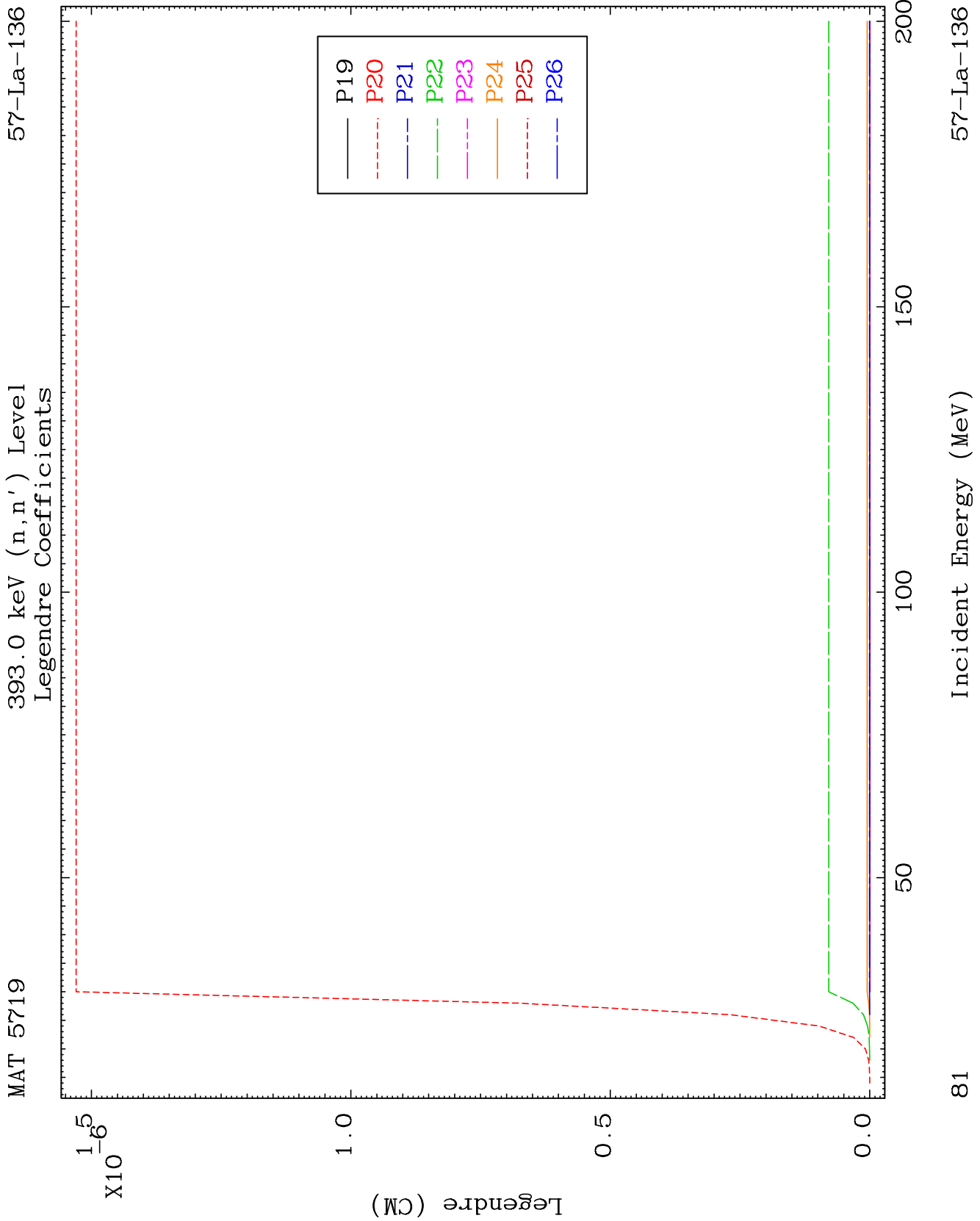
57-La-136



57-La-136

Incident Energy (MeV)

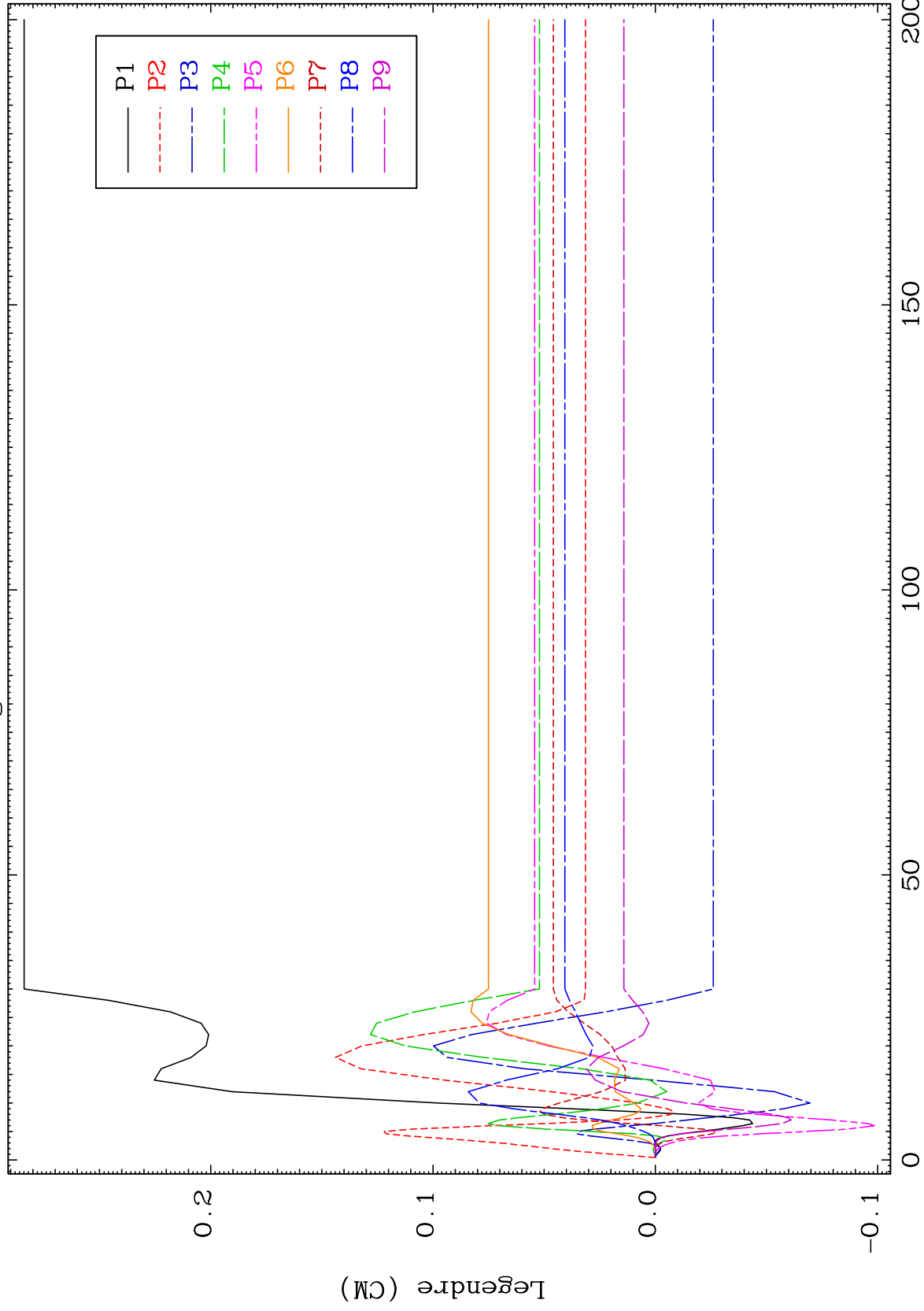
80



MAT 5719

403.0 keV (n,n') Level
Legendre Coefficients

57-La-136



82

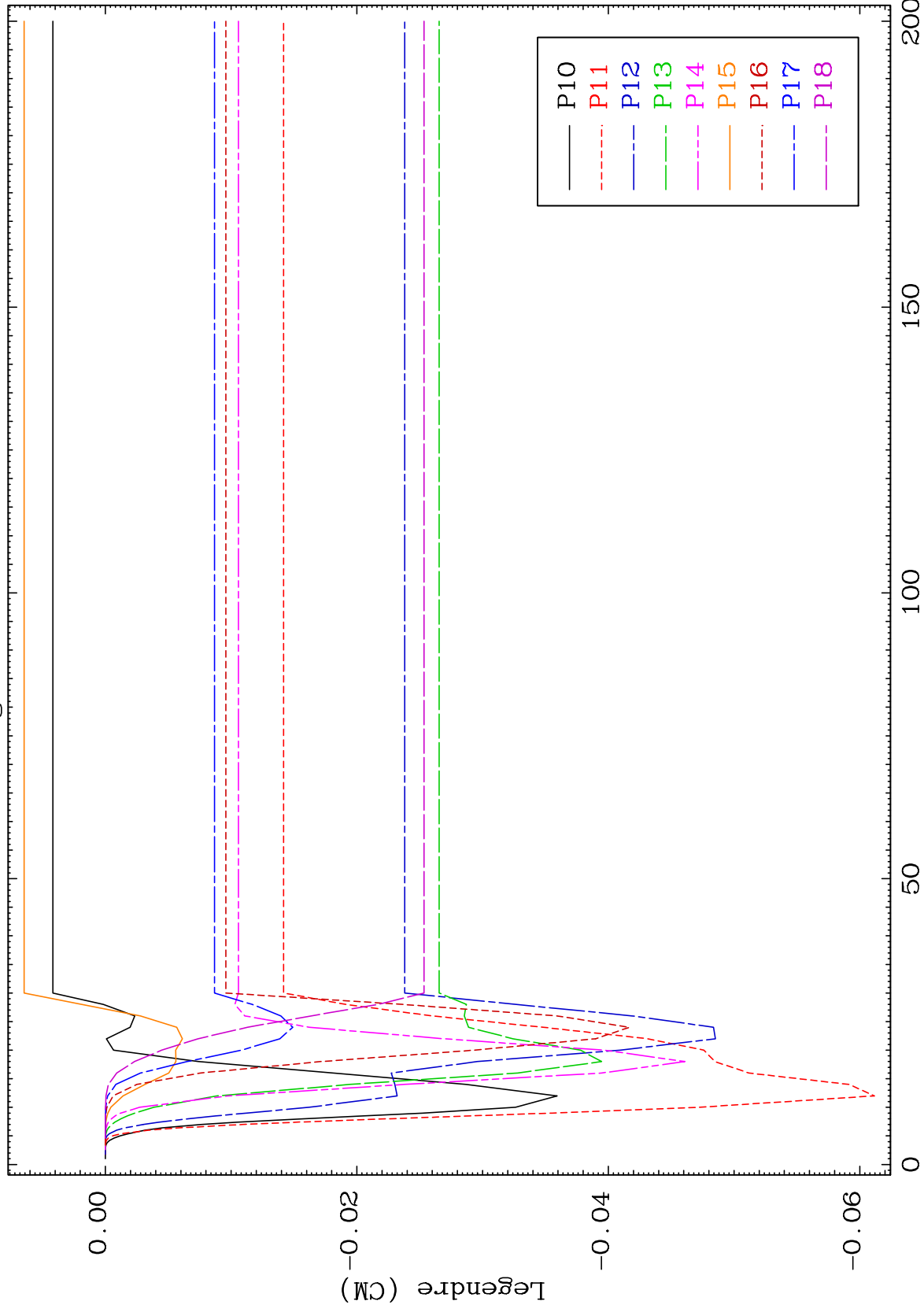
Incident Energy (MeV)

57-La-136

MAT 5719

403.0 keV (n,n') Level
Legendre Coefficients

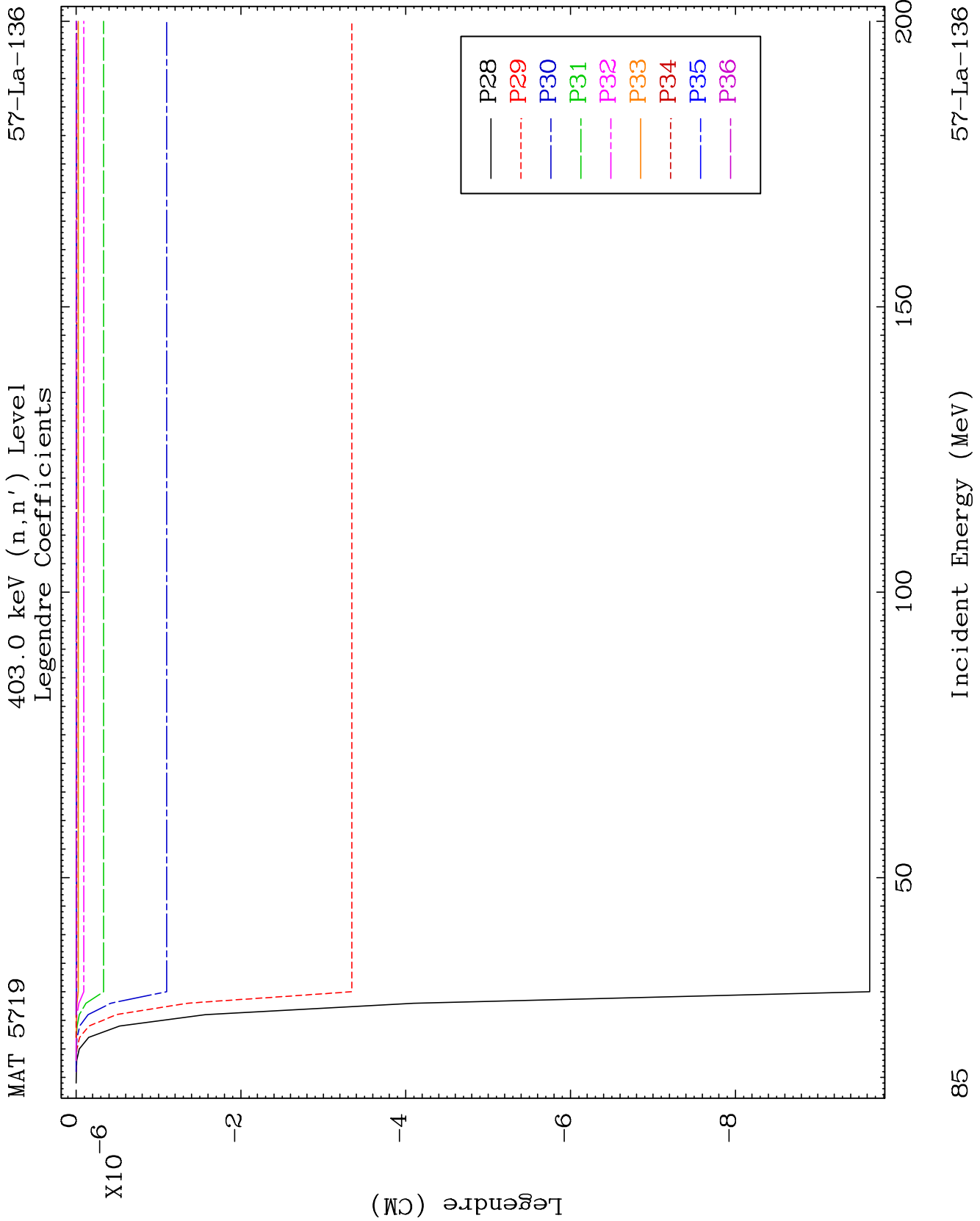
57-La-136



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Incident Energy (MeV)

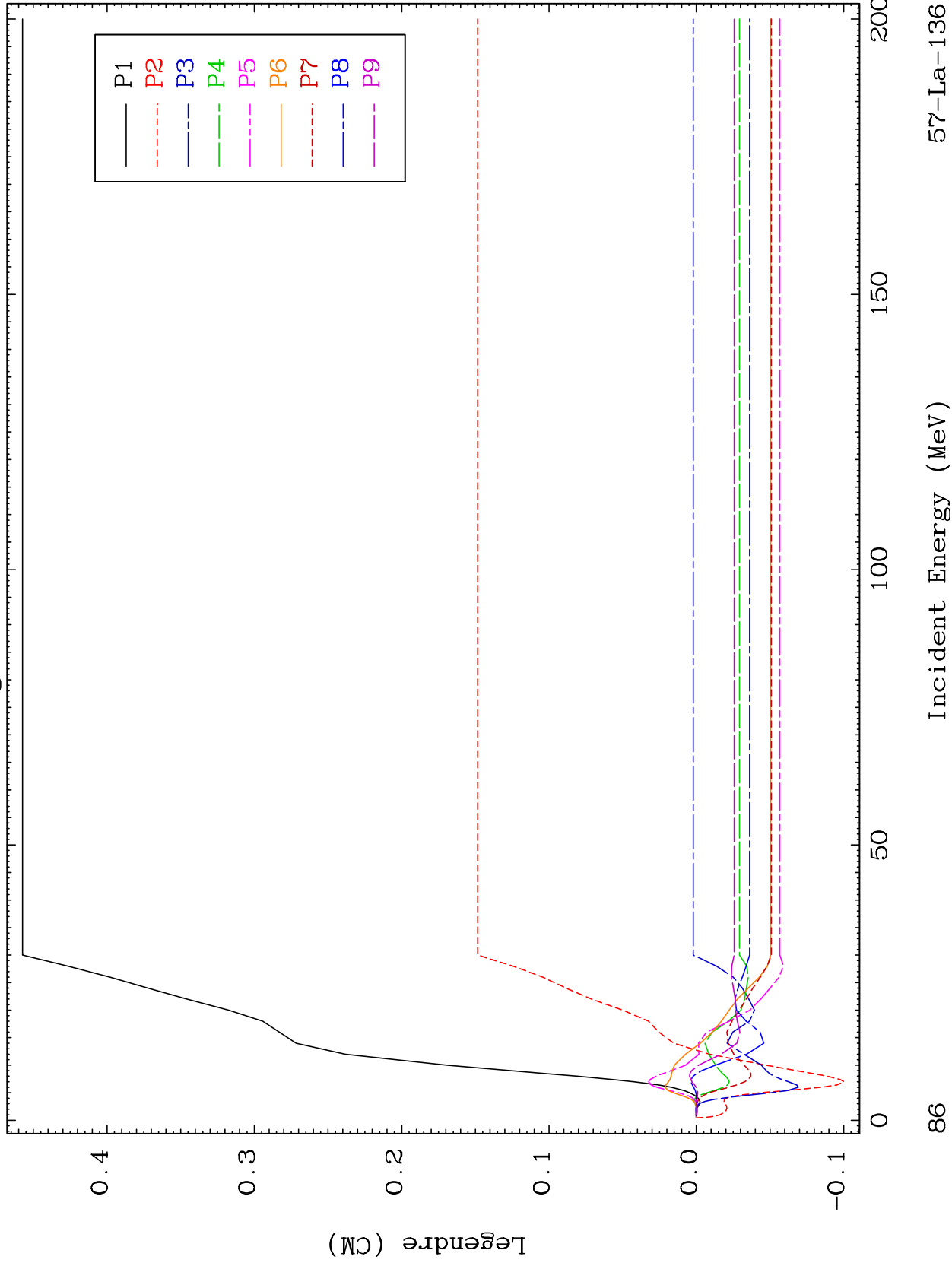
57-La-136



MAT 5719

414.2 keV (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

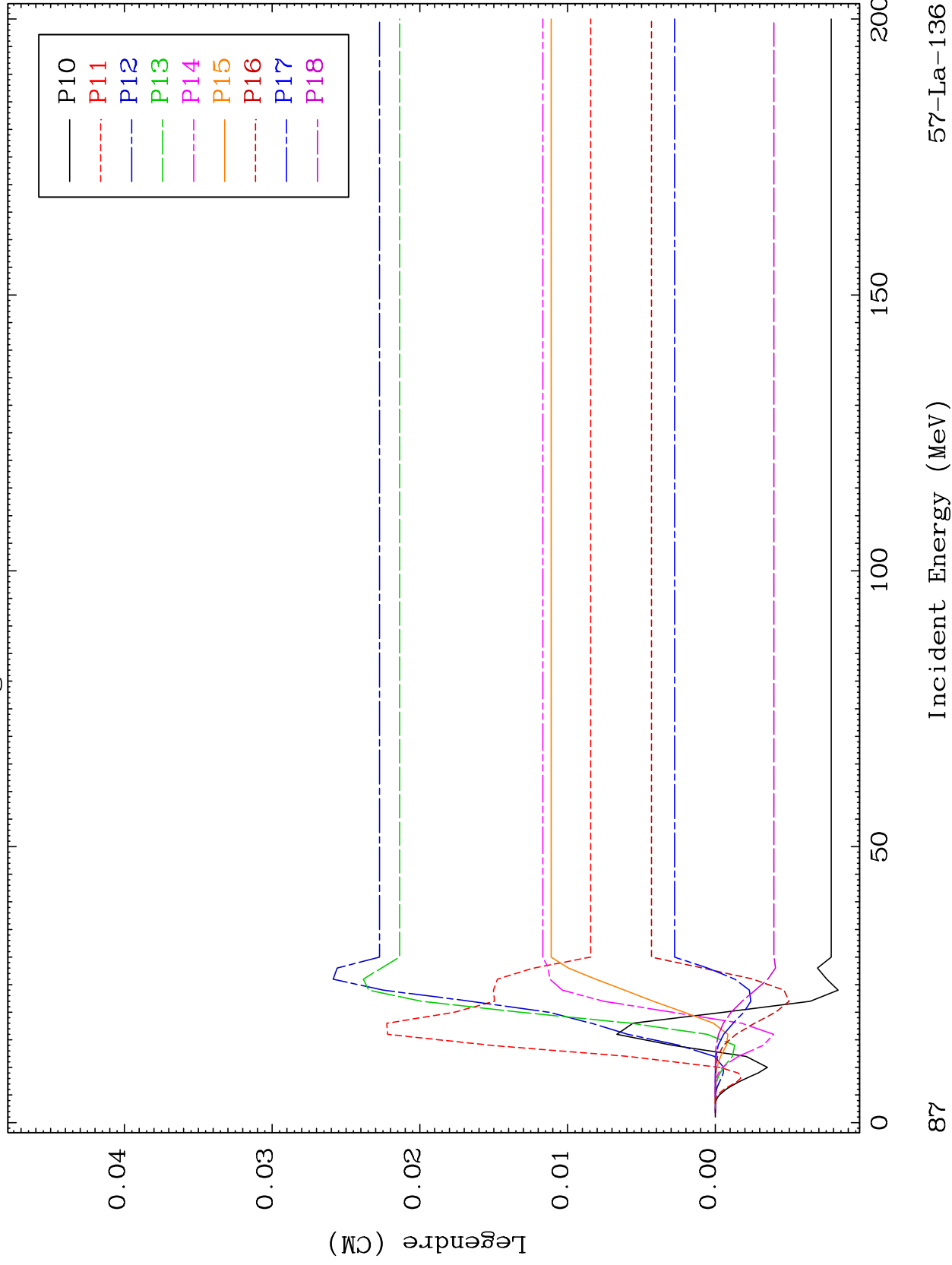
Incident Energy (MeV)

86

MAT 5719

414.2 keV (n,n') Level
Legendre Coefficients

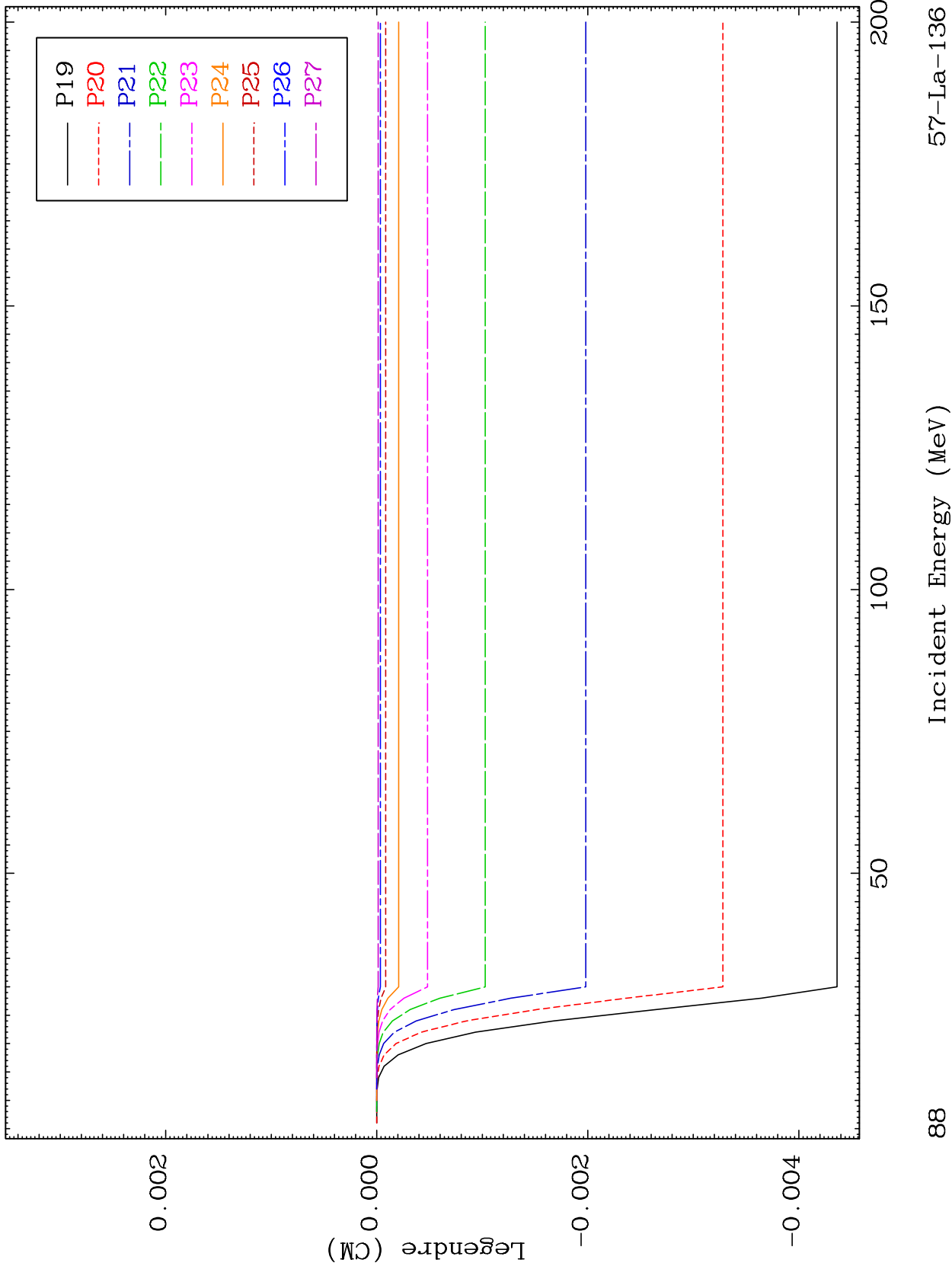
57-La-136

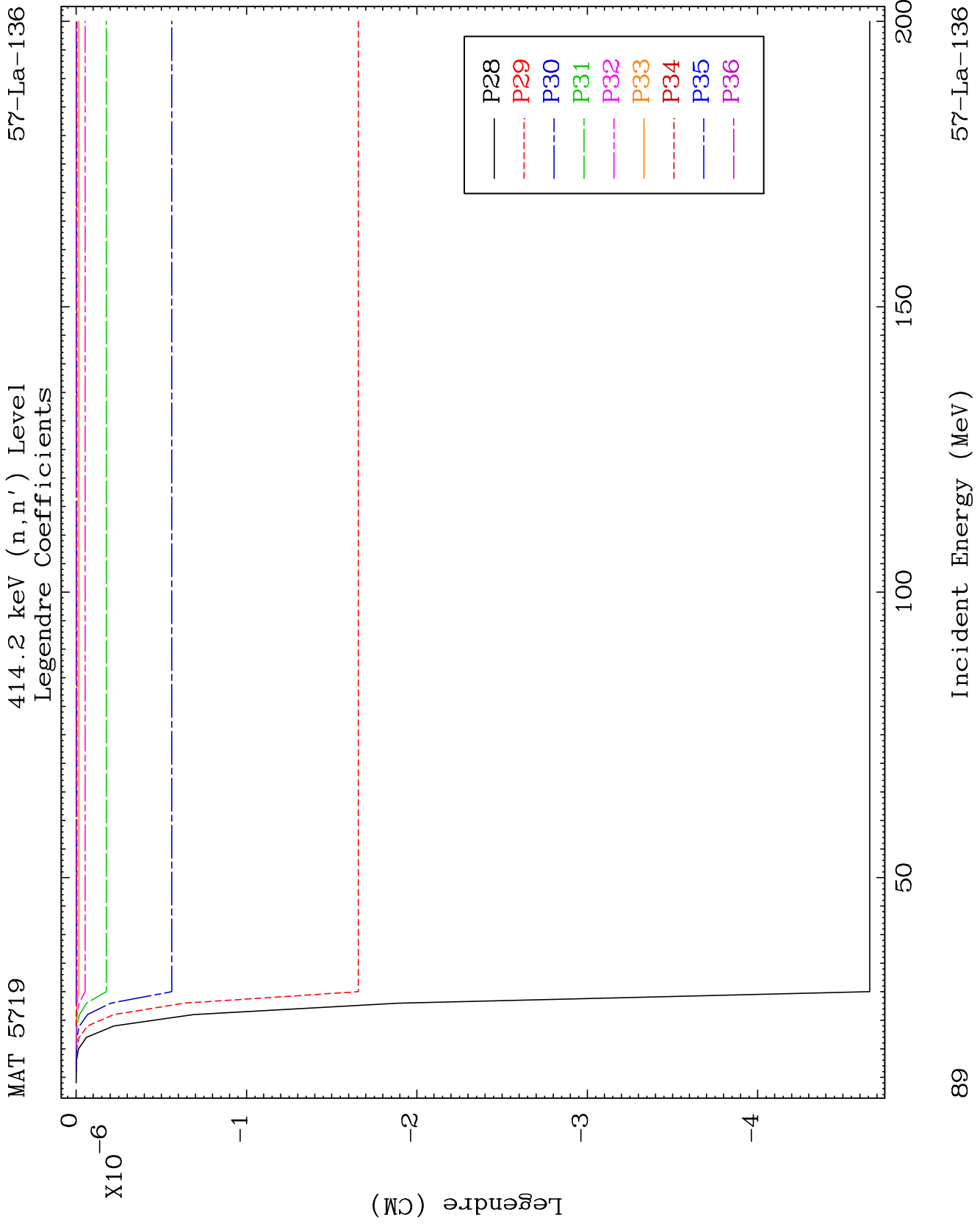


87

Incident Energy (MeV)

57-La-136

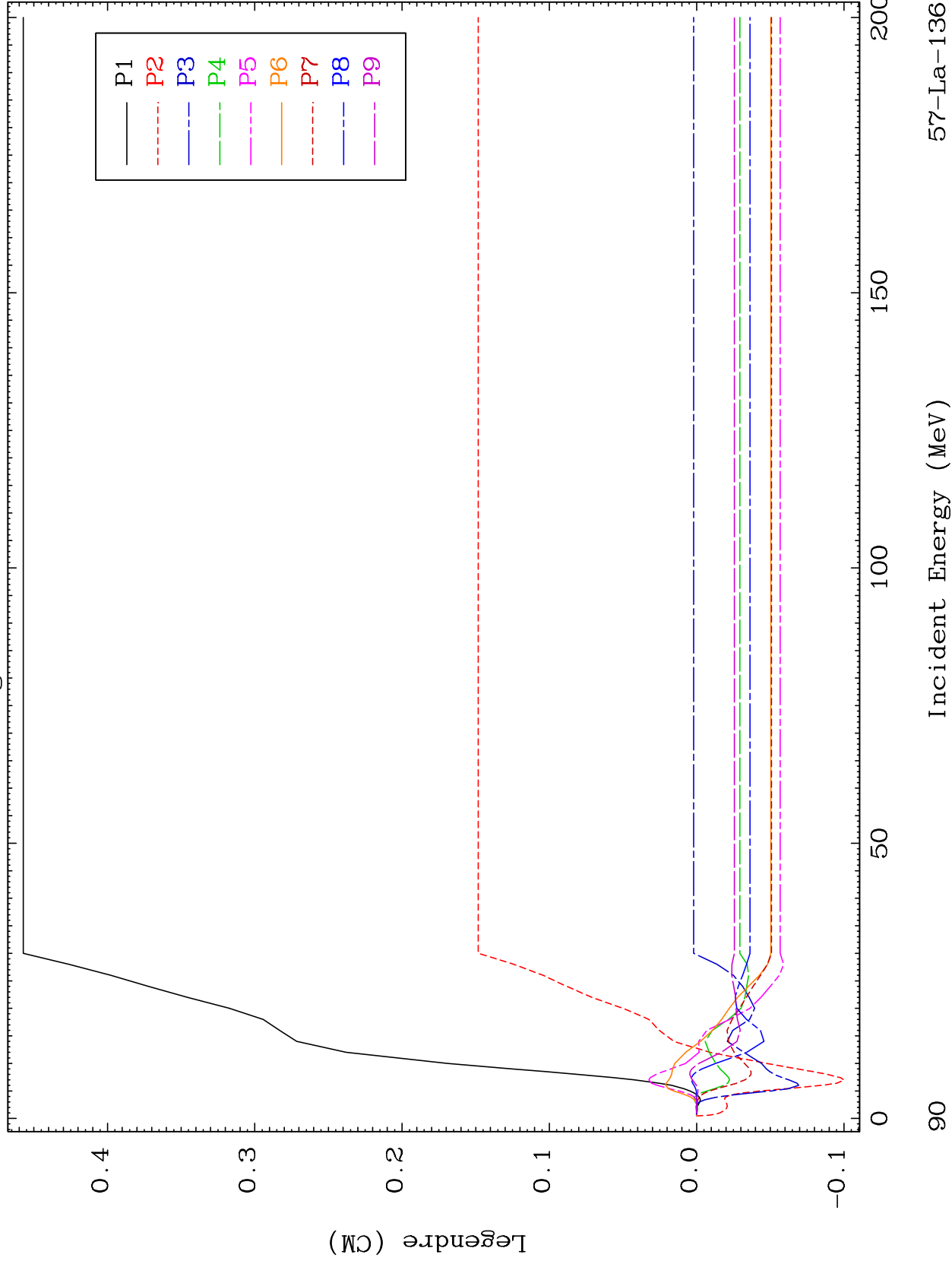




MAT 5719

436.9 keV (n,n') Level
Legendre Coefficients

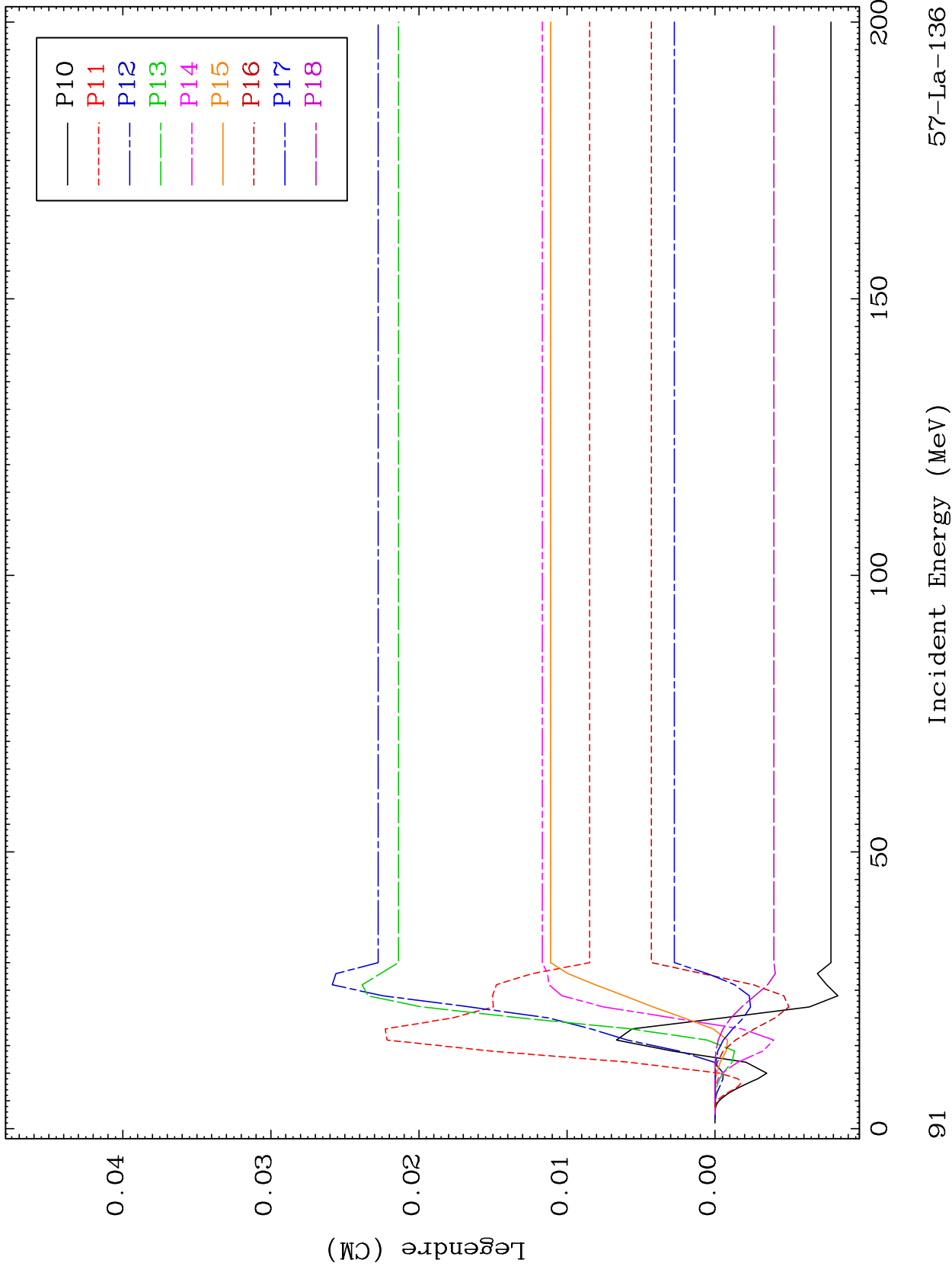
57-La-136



57-La-136

Incident Energy (MeV)

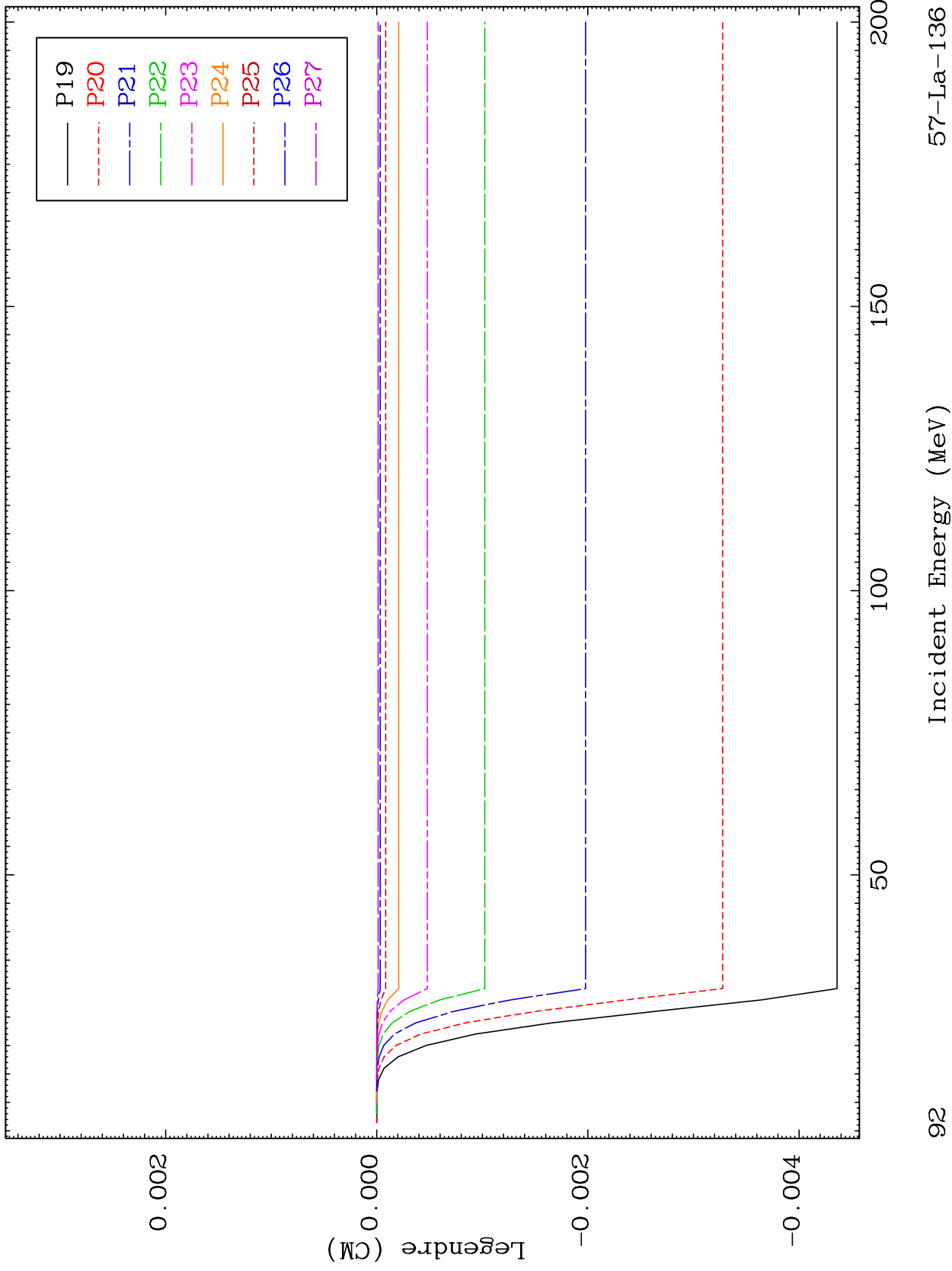
90



MAT 5719

436.9 keV (n,n') Level
Legendre Coefficients

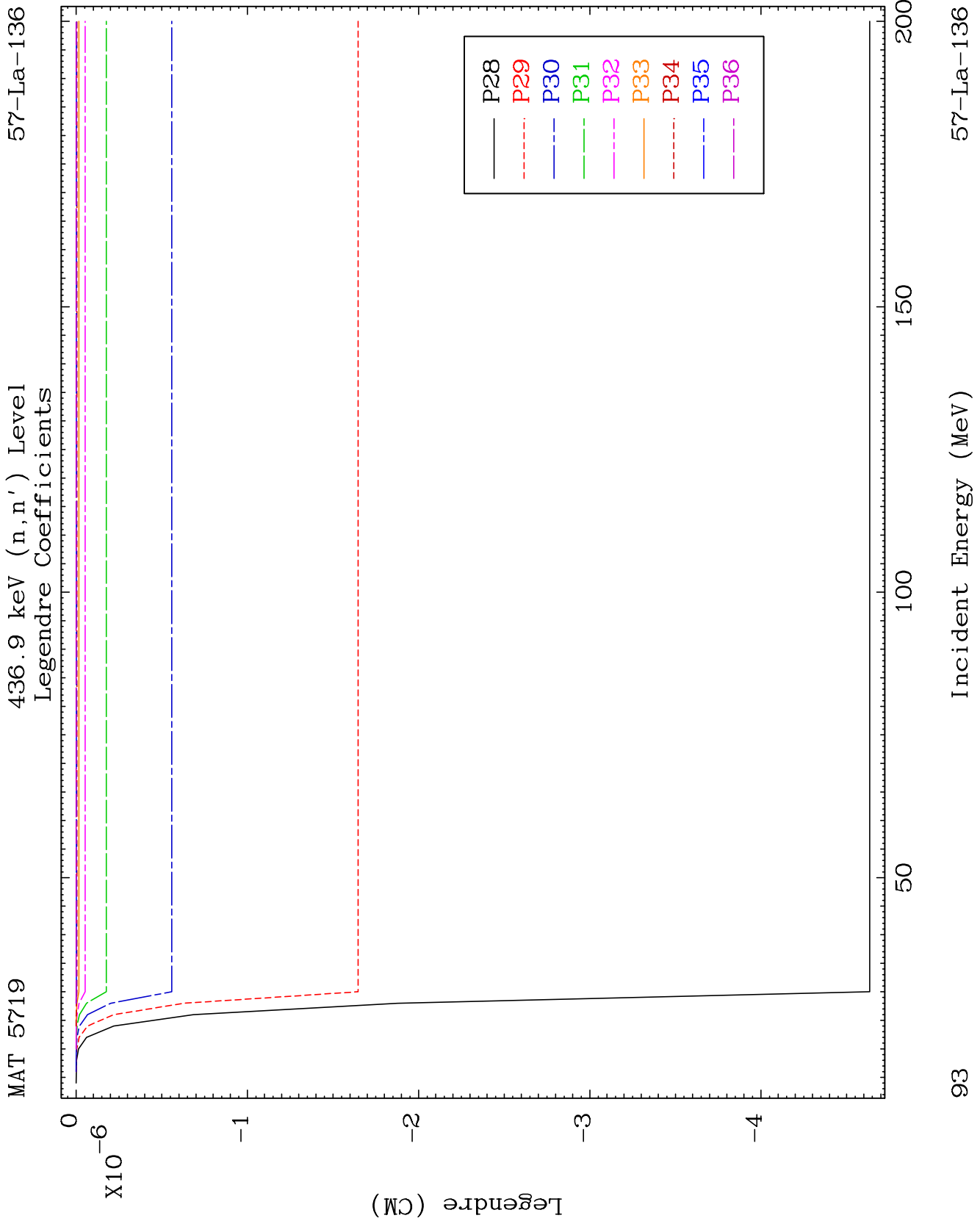
57-La-136

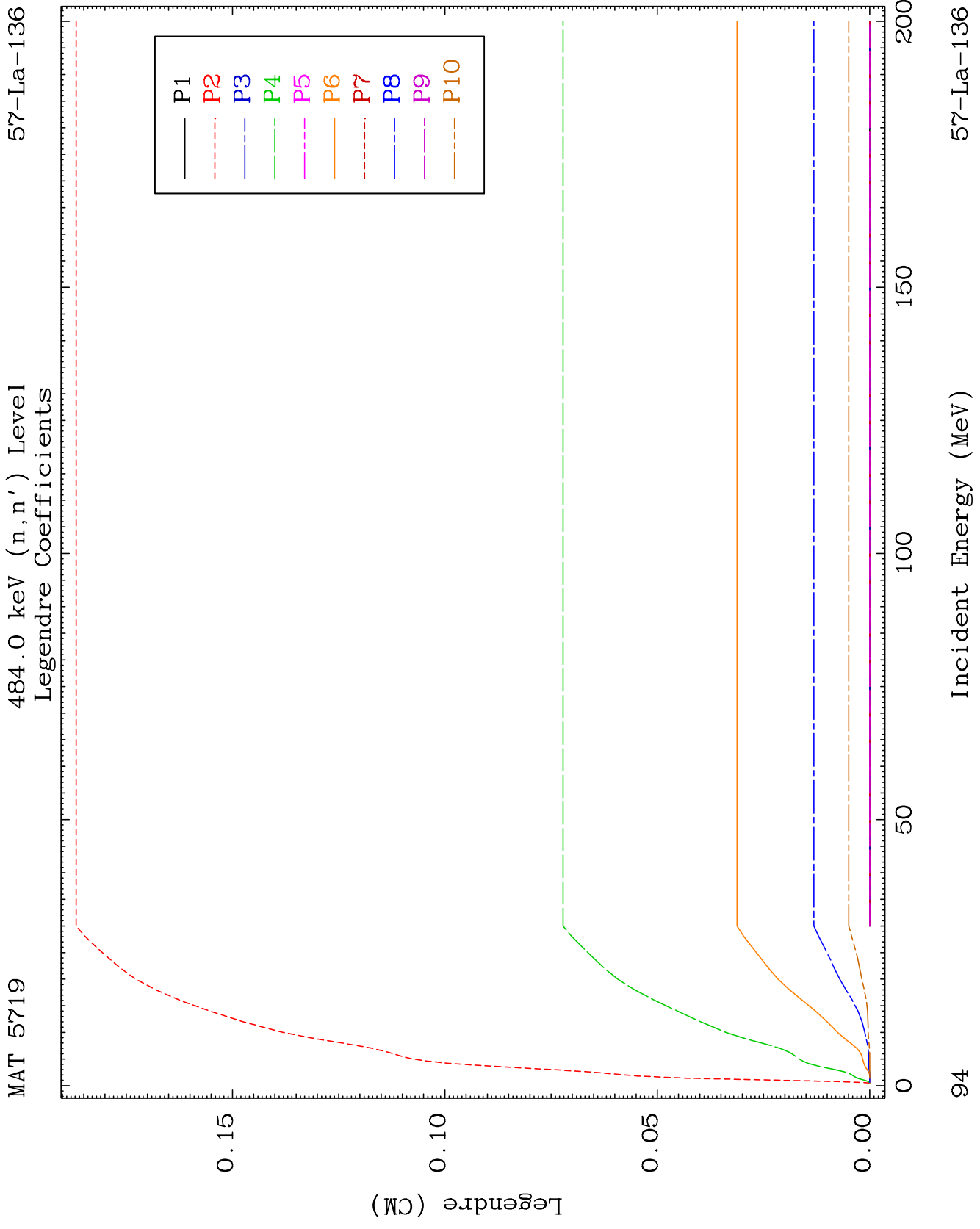


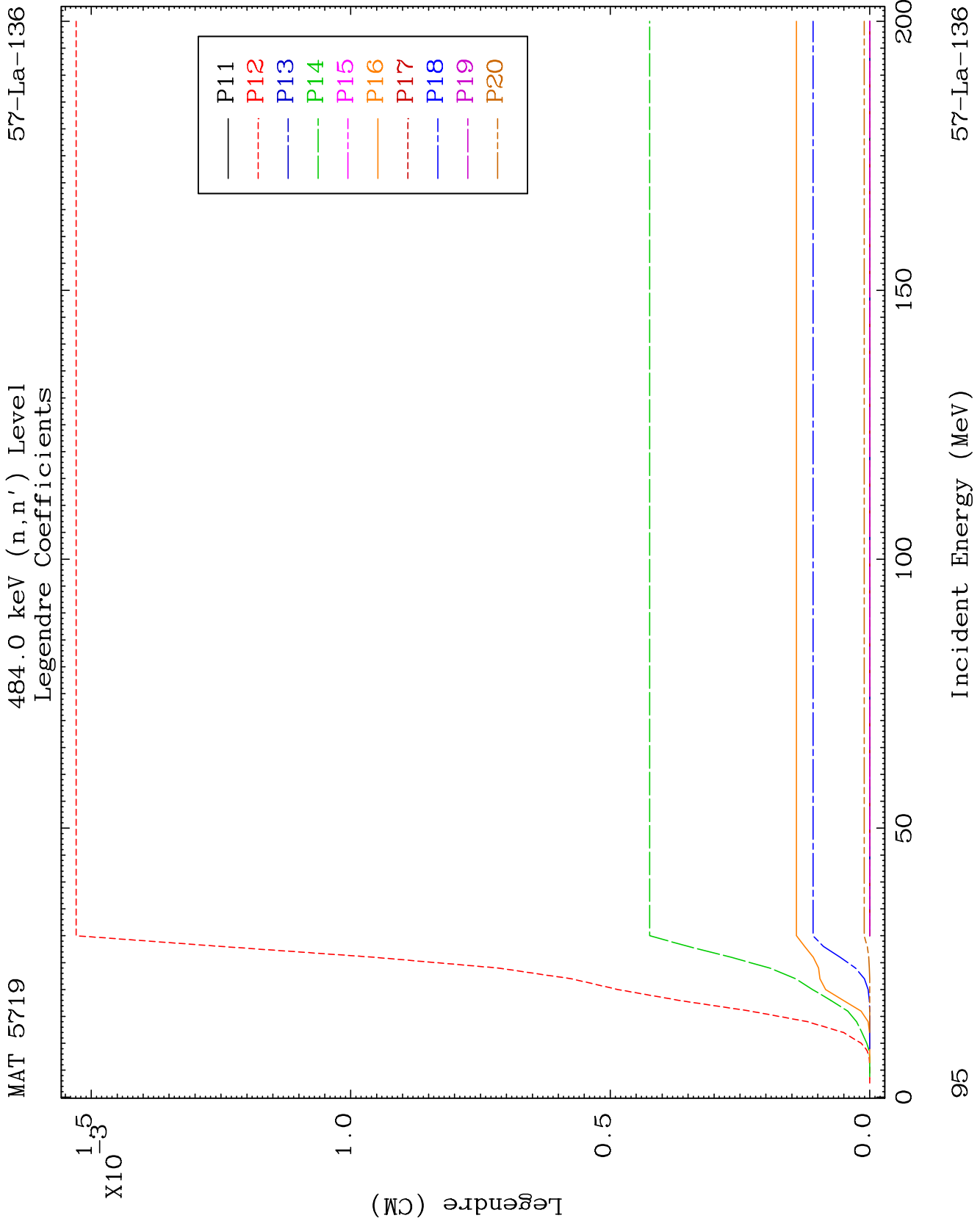
92

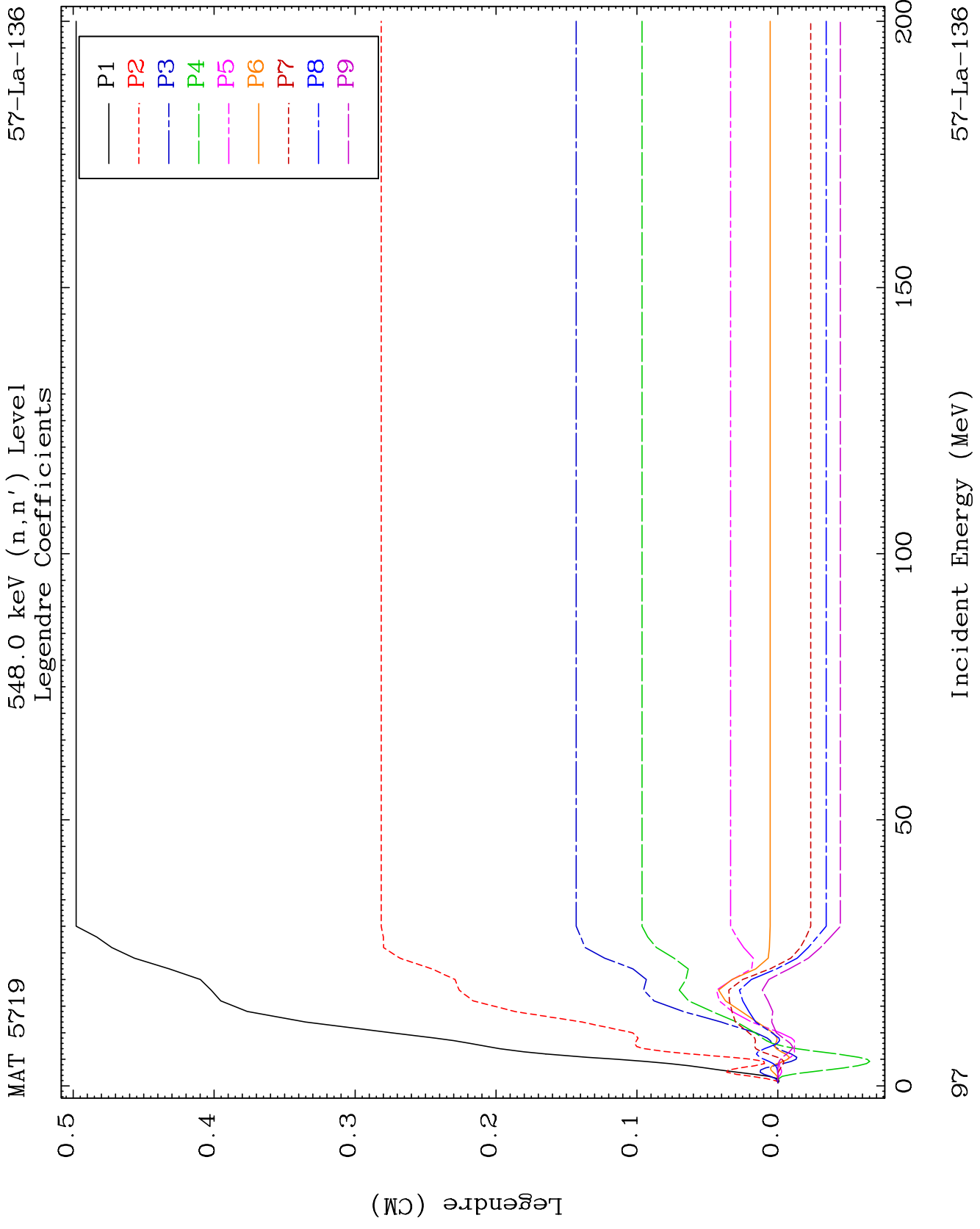
Incident Energy (MeV)

57-La-136





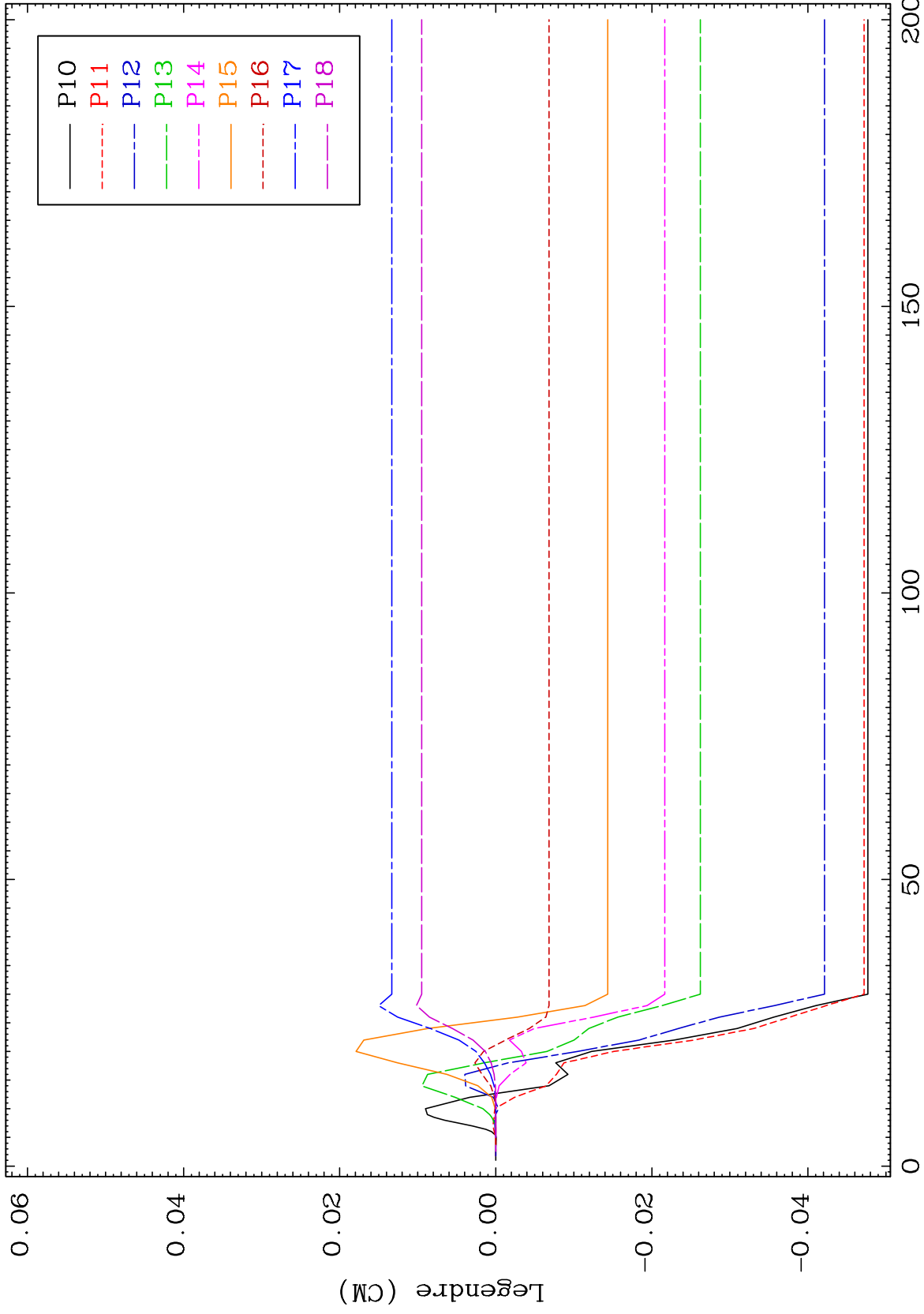




MAT 5719

548.0 keV (n,n') Level
Legendre Coefficients

57-La-136



98

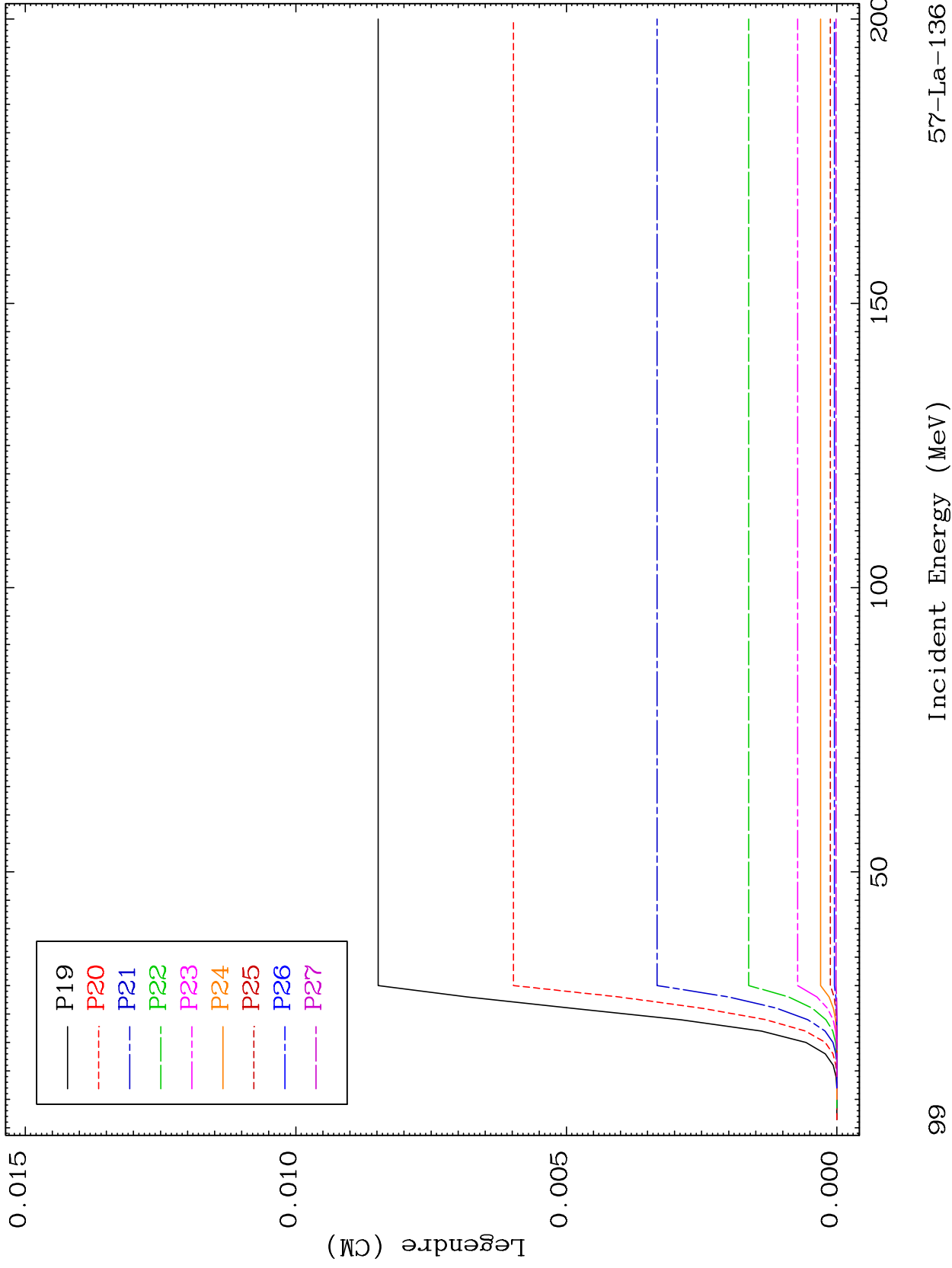
Incident Energy (MeV)

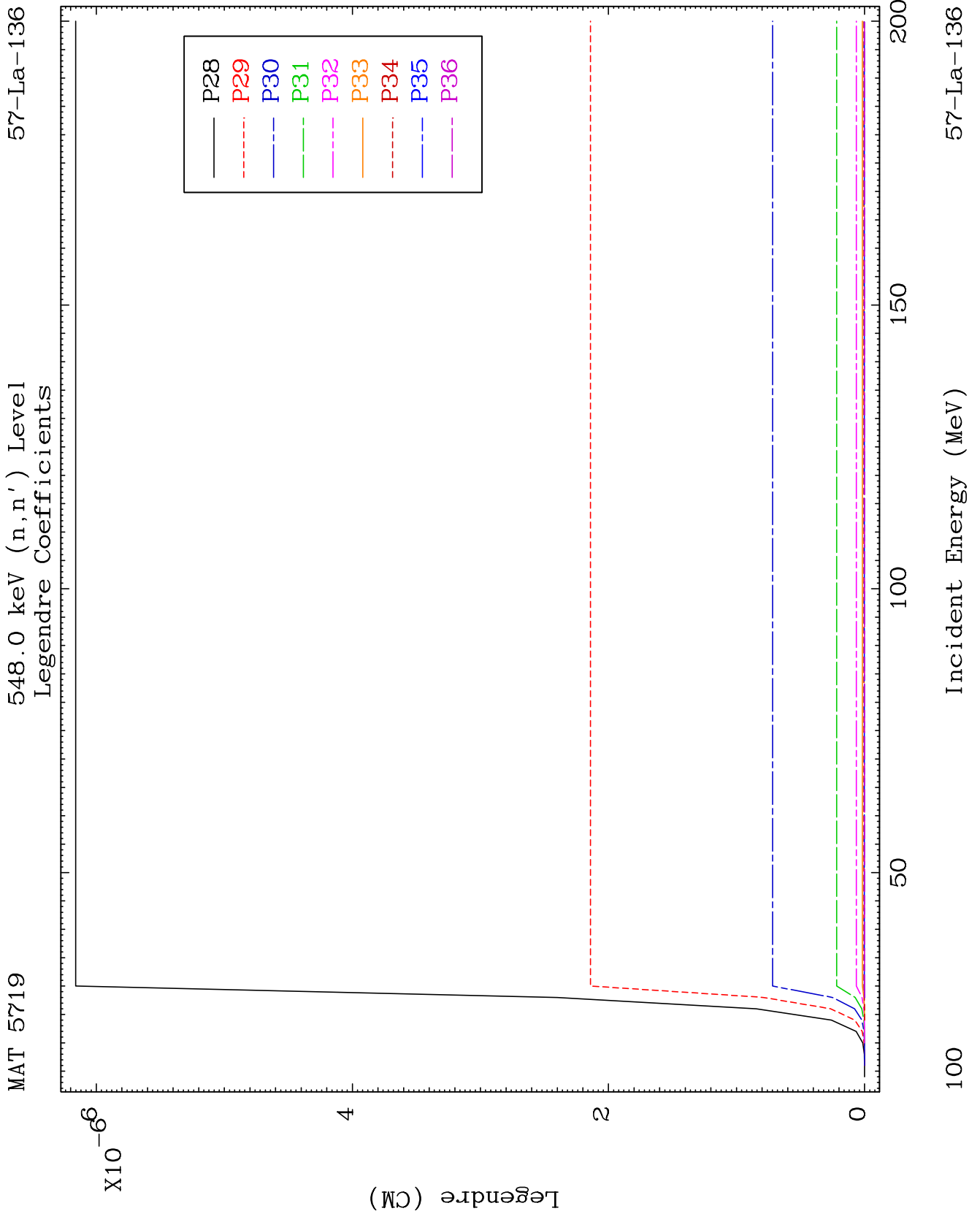
57-La-136

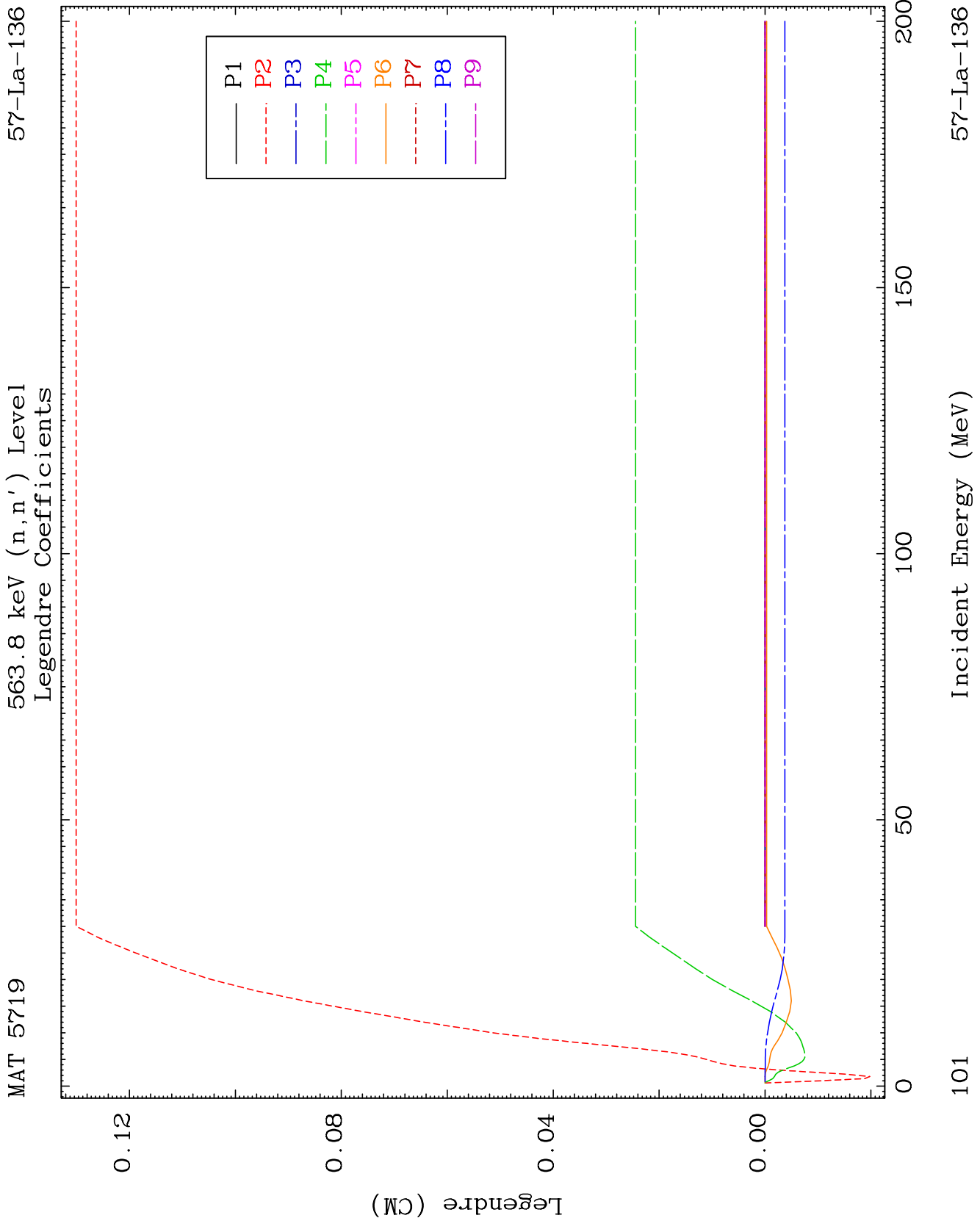
MAT 5719

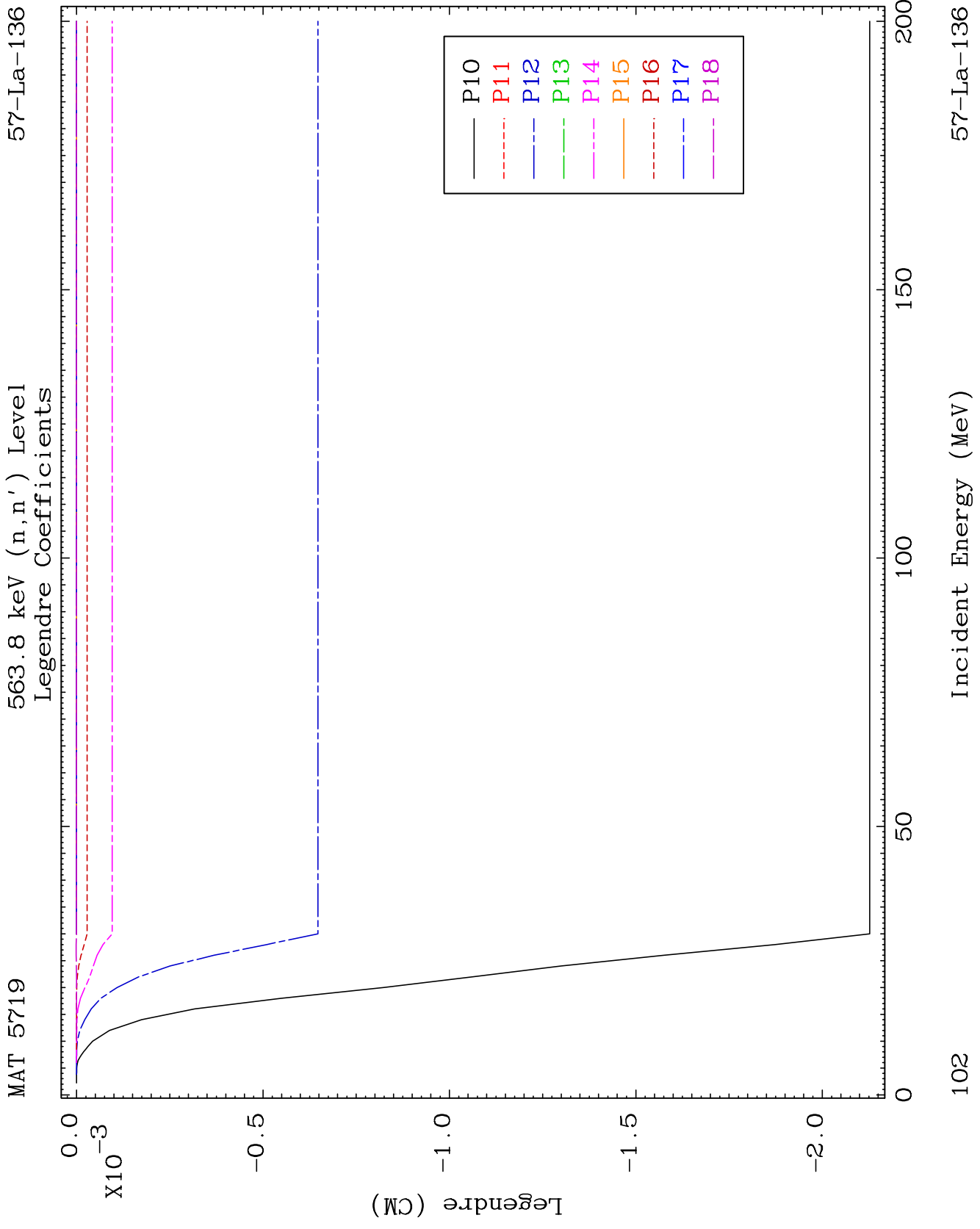
548.0 keV (n,n') Level
Legendre Coefficients

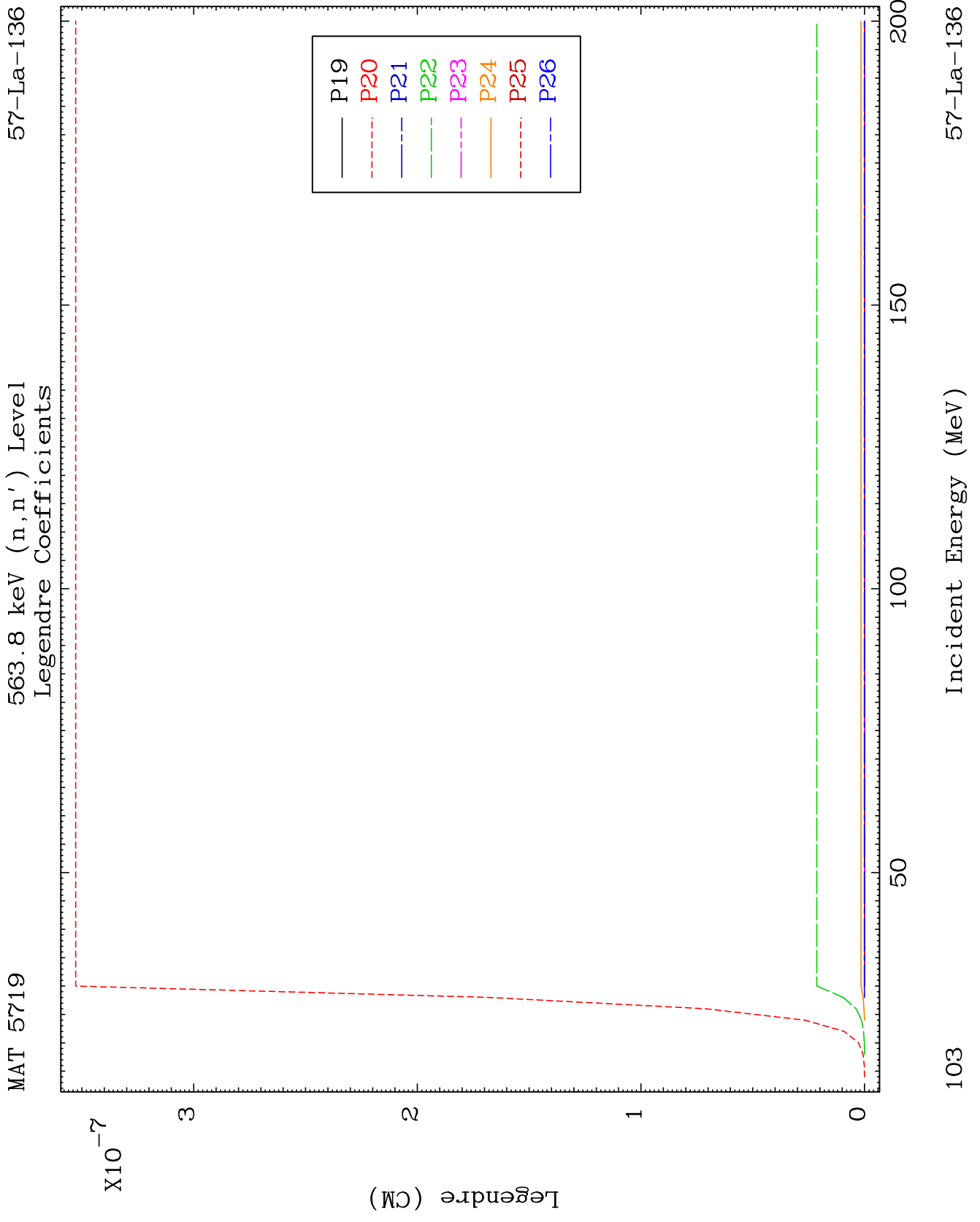
57-La-136

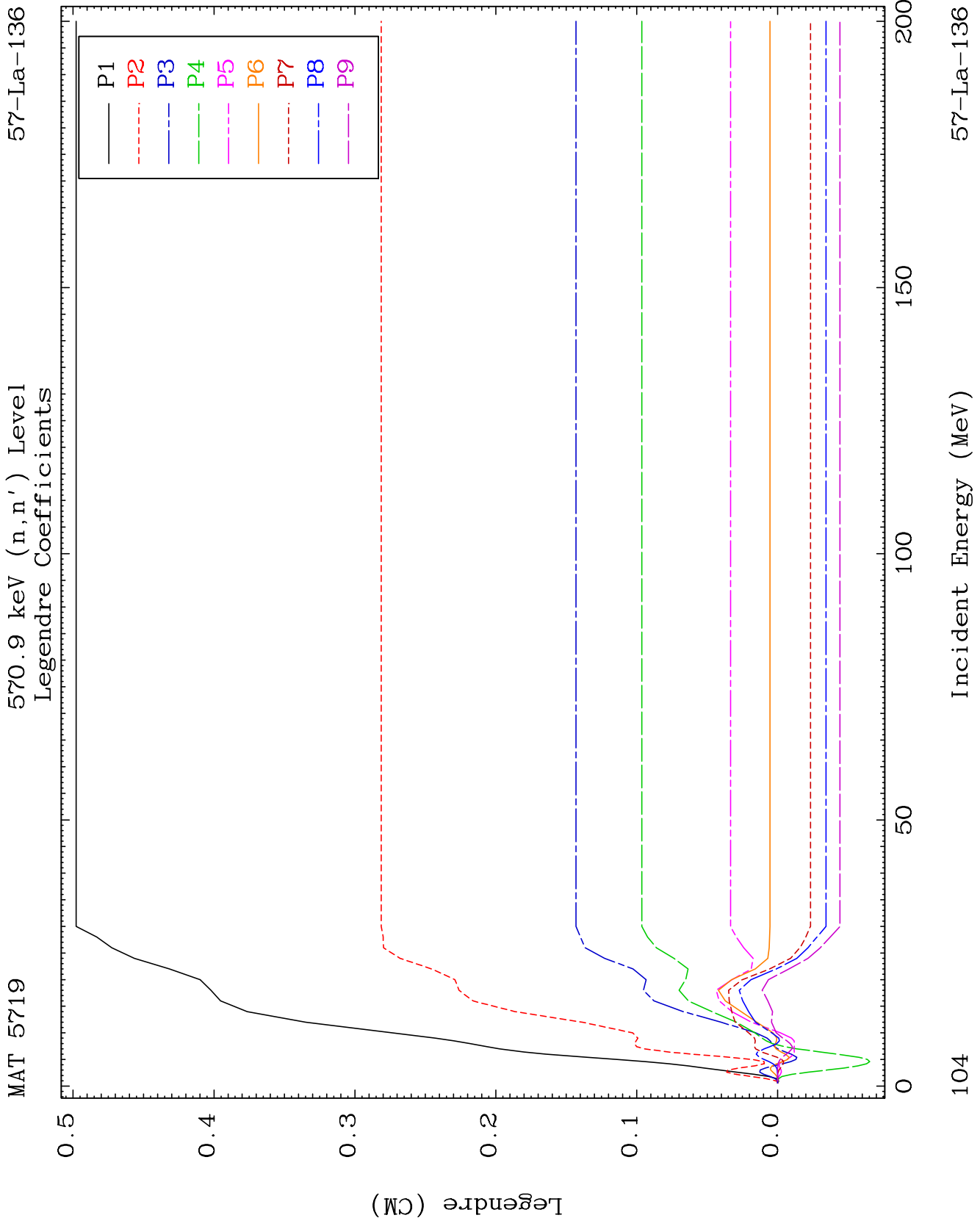


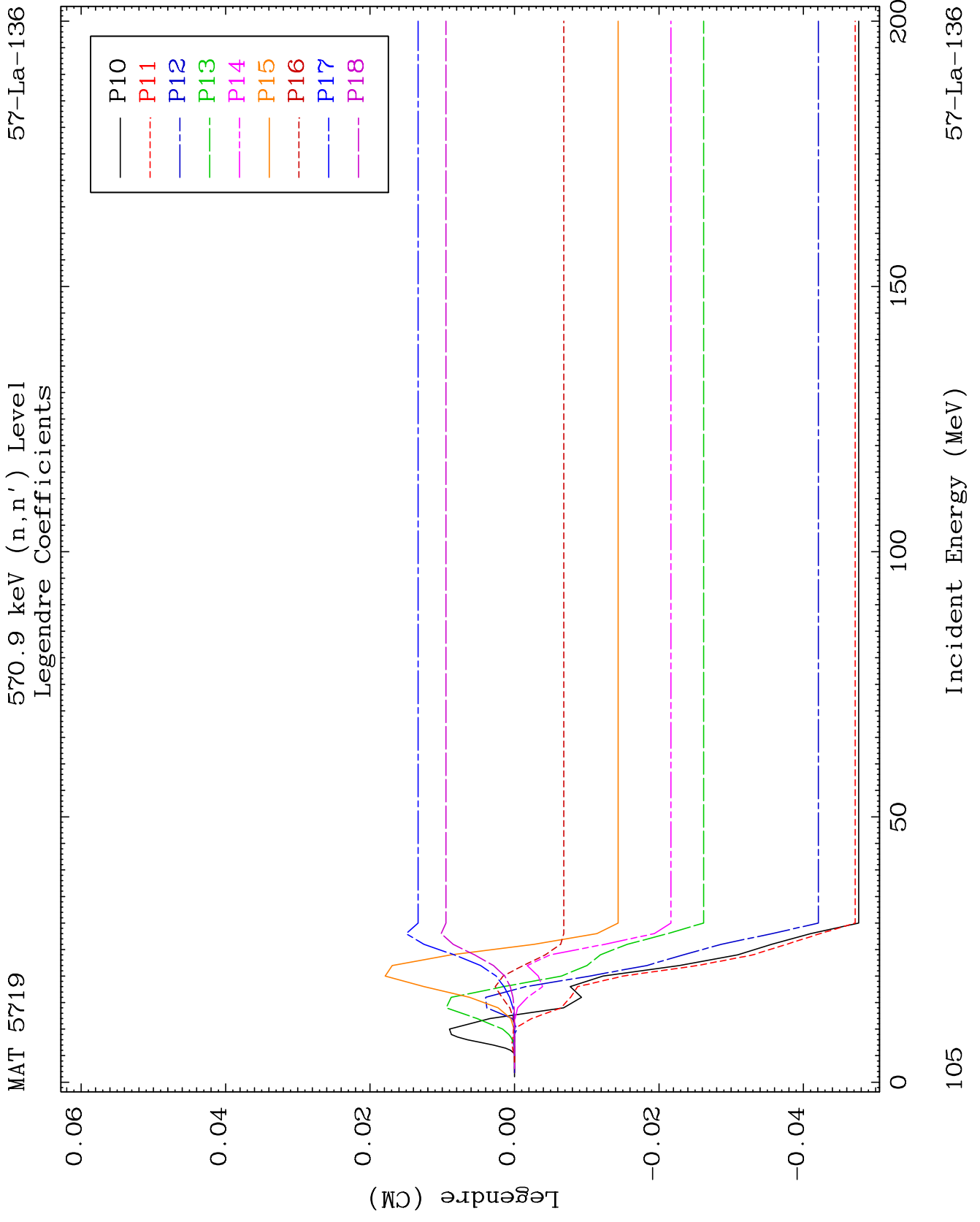


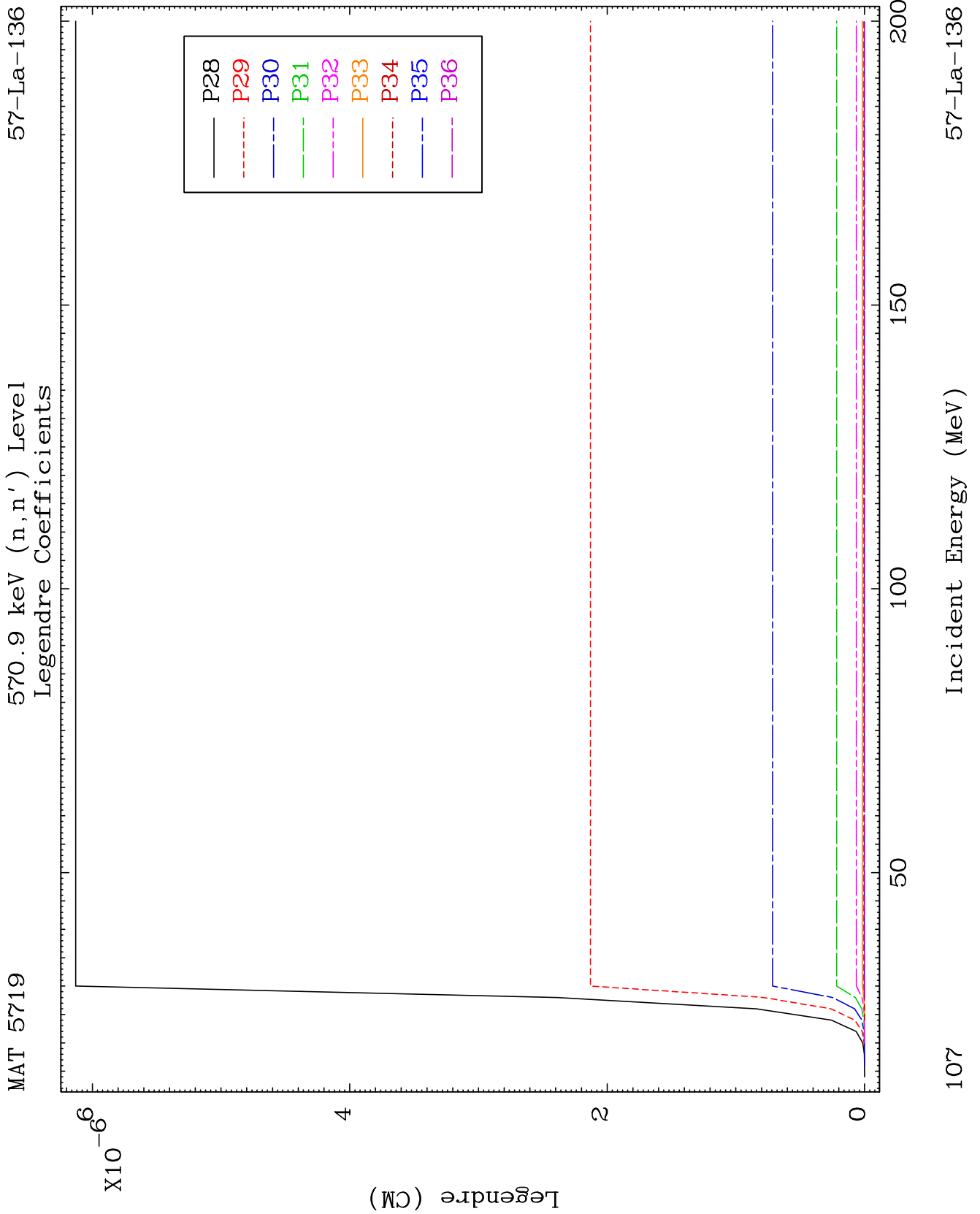


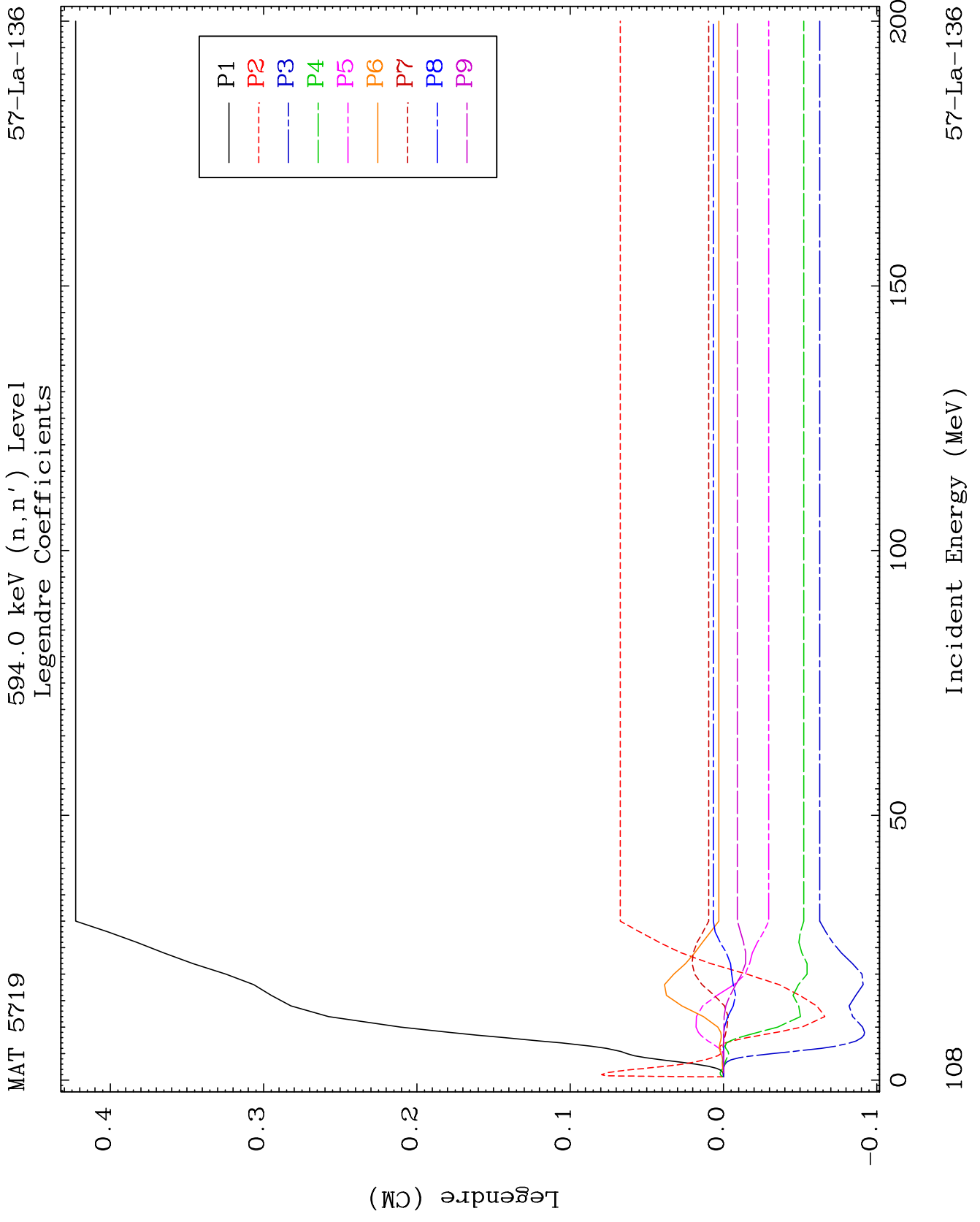


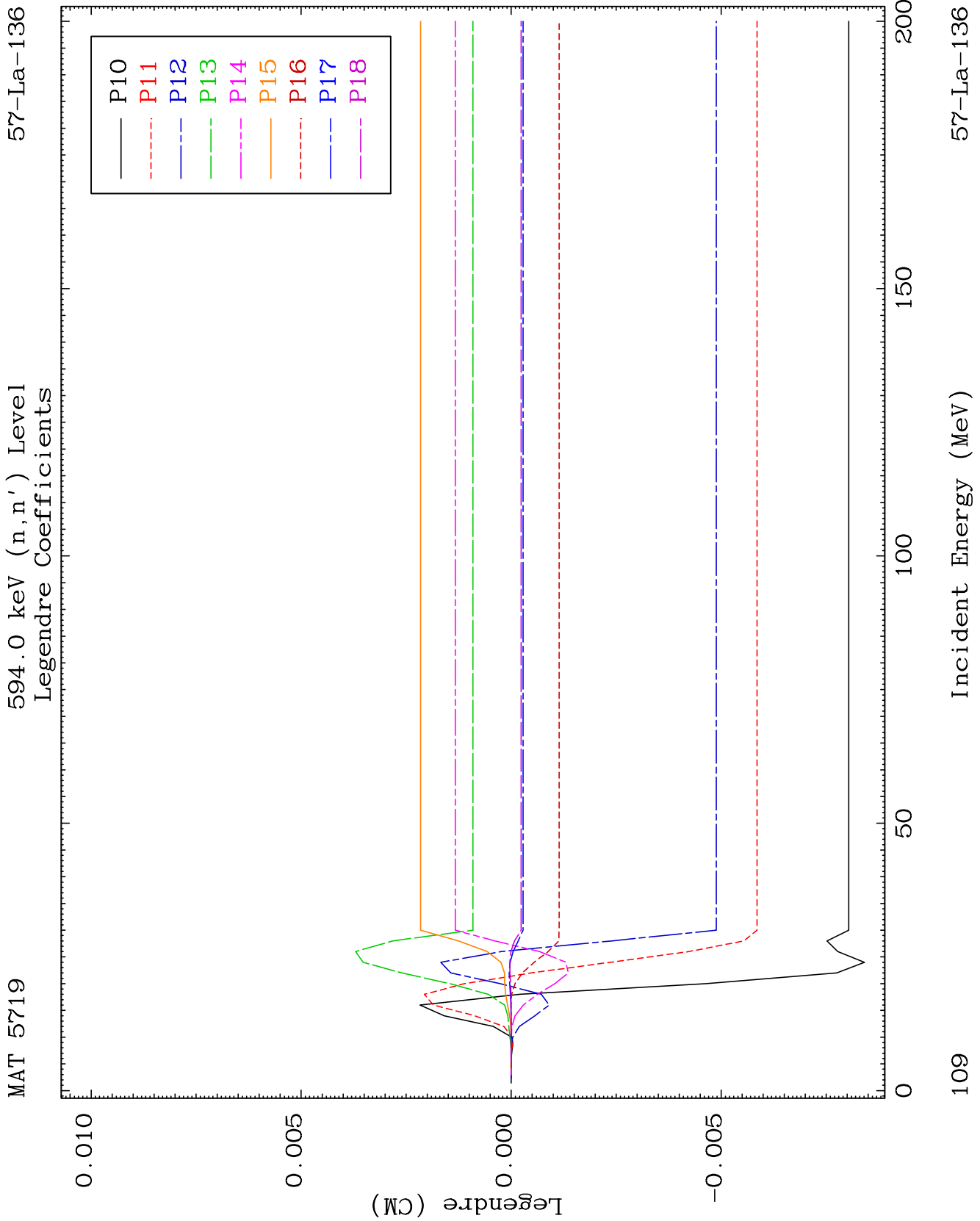








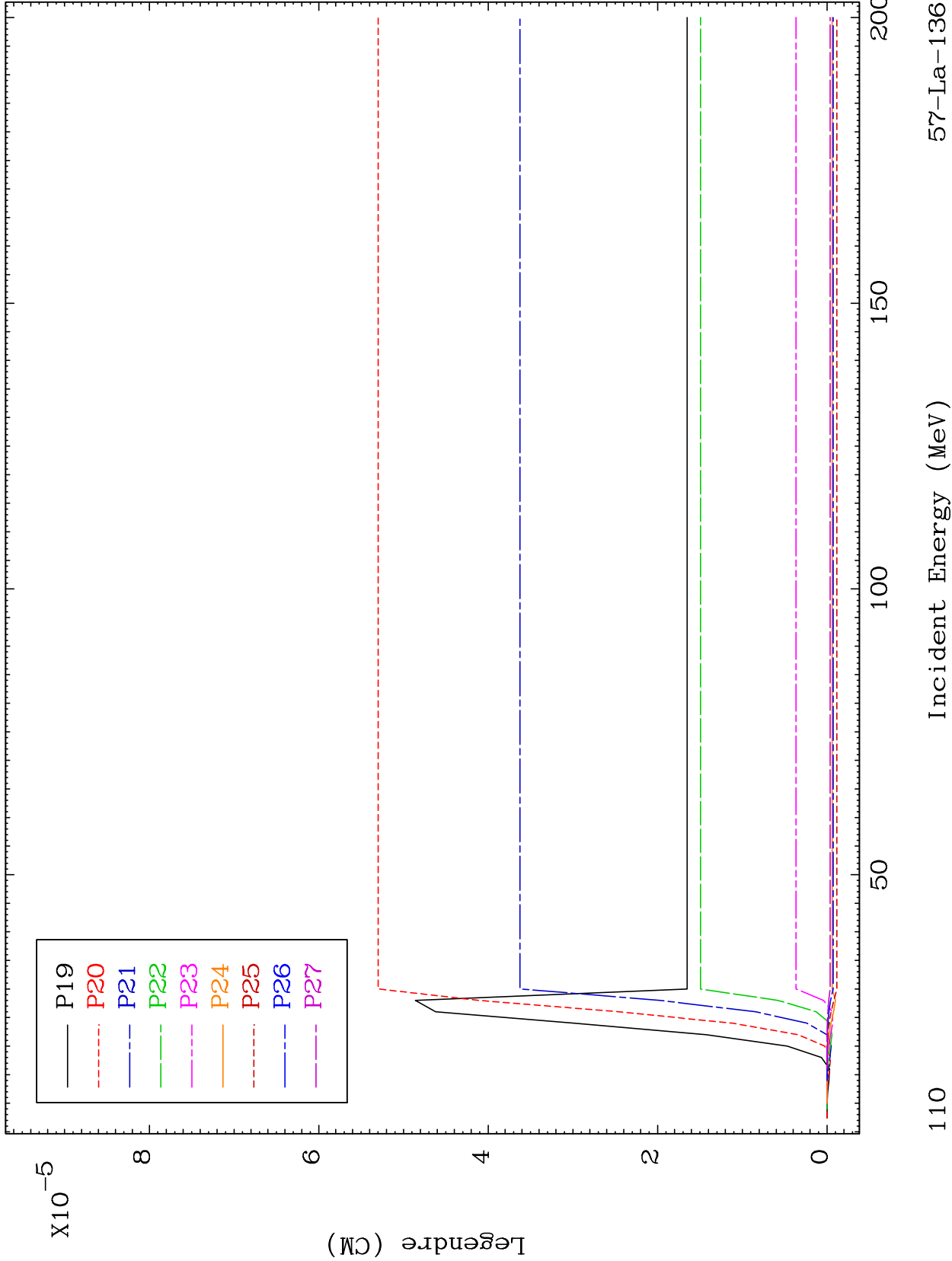


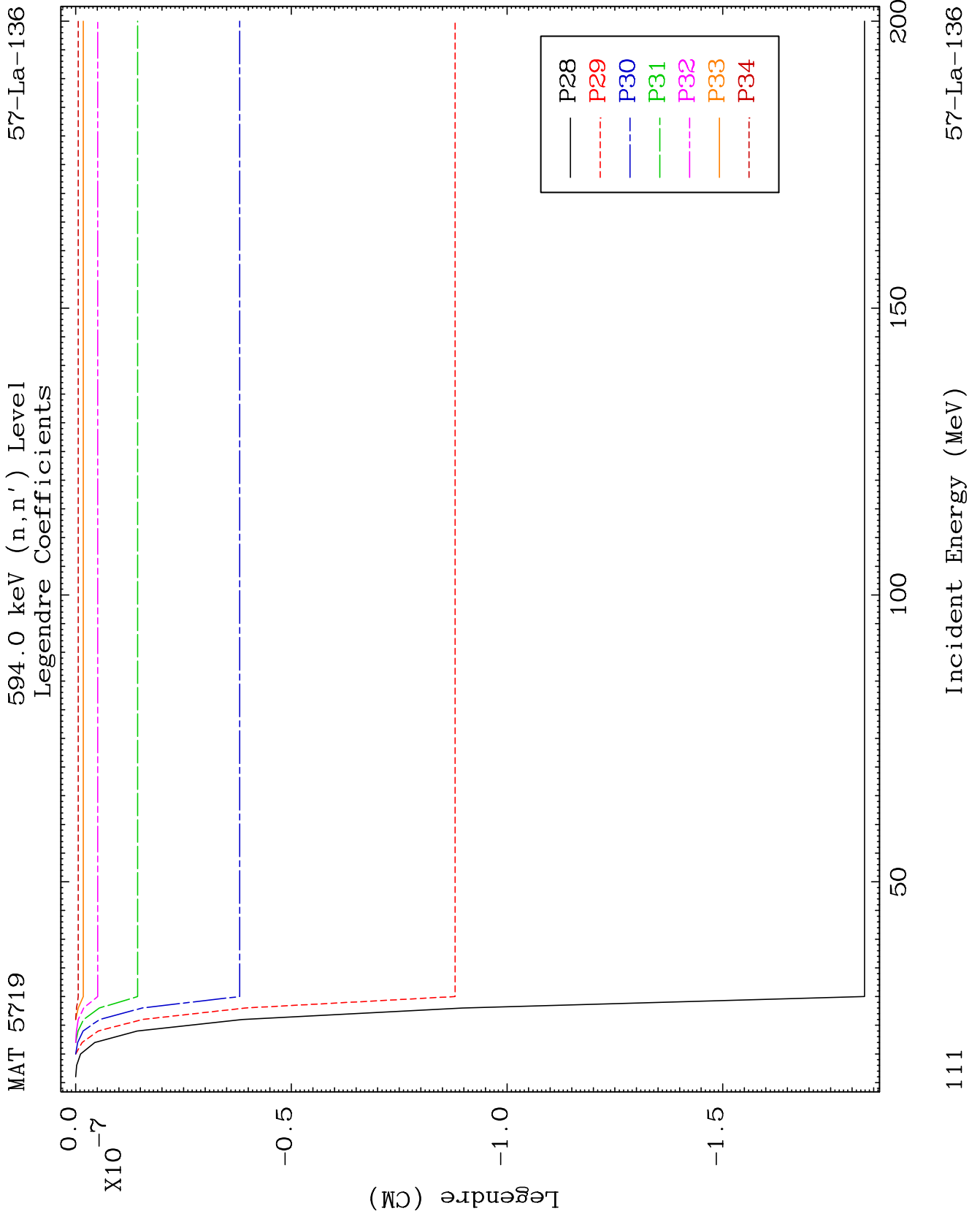


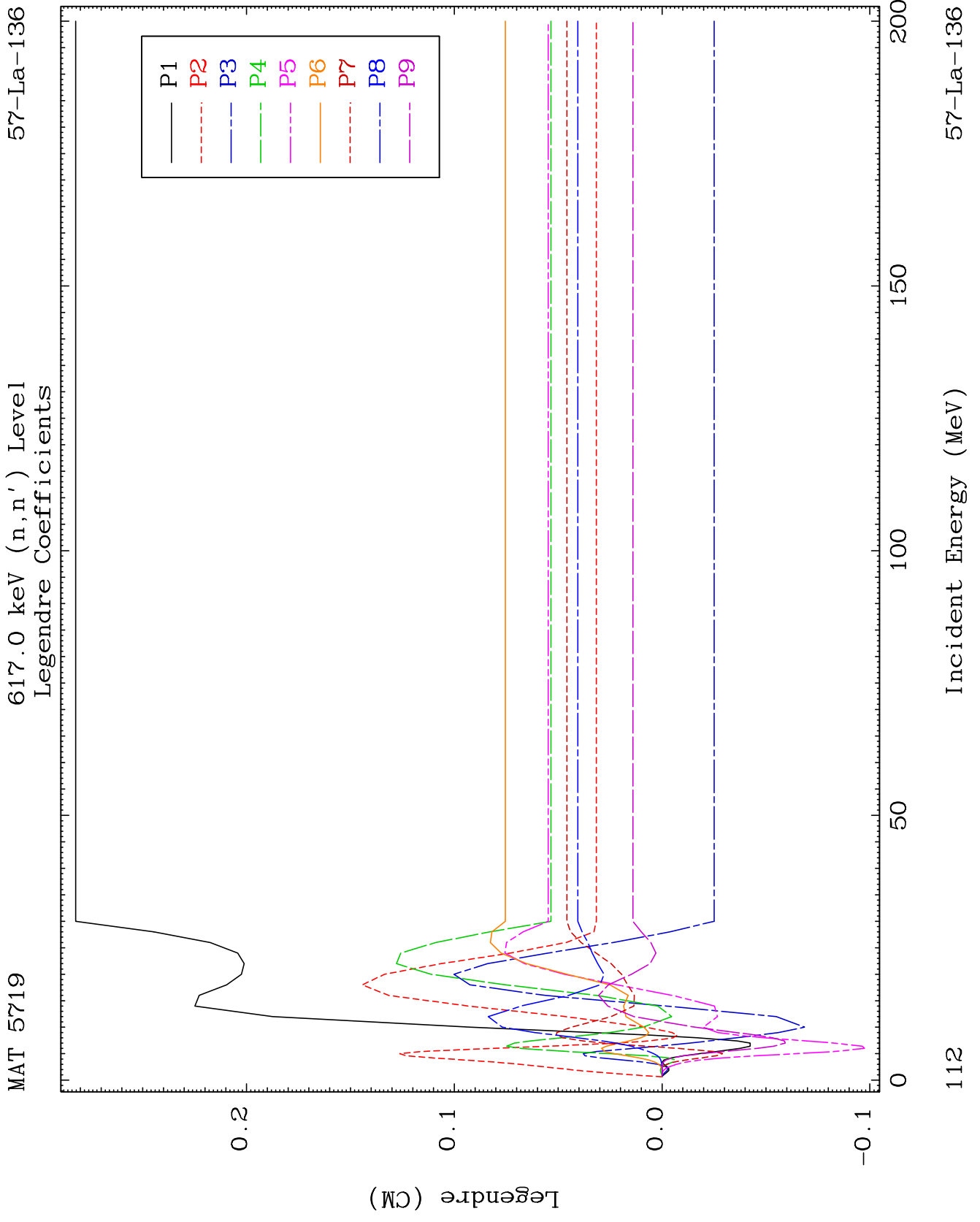
MAT 5719

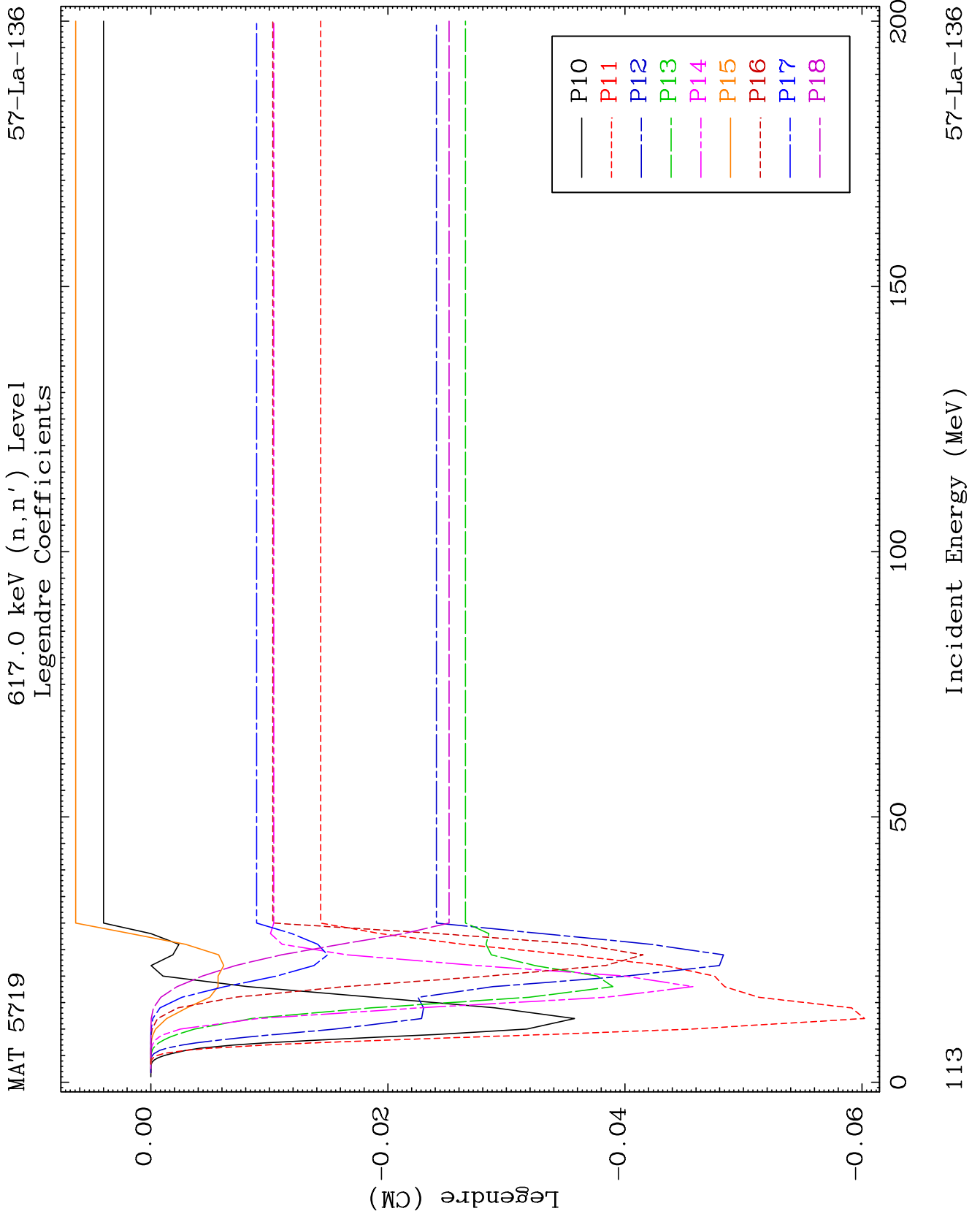
594.0 keV (n,n') Level
Legendre Coefficients

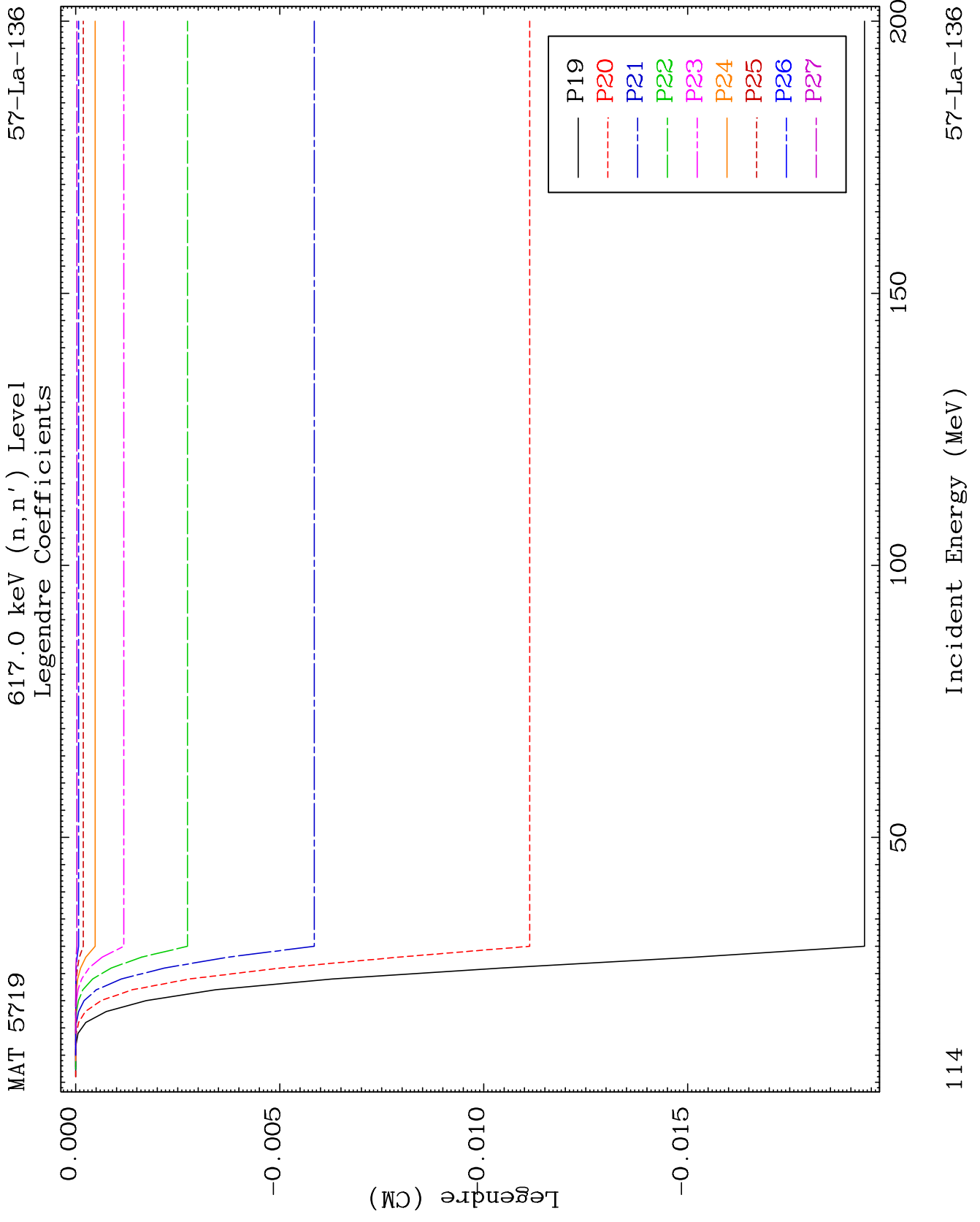
57-La-136

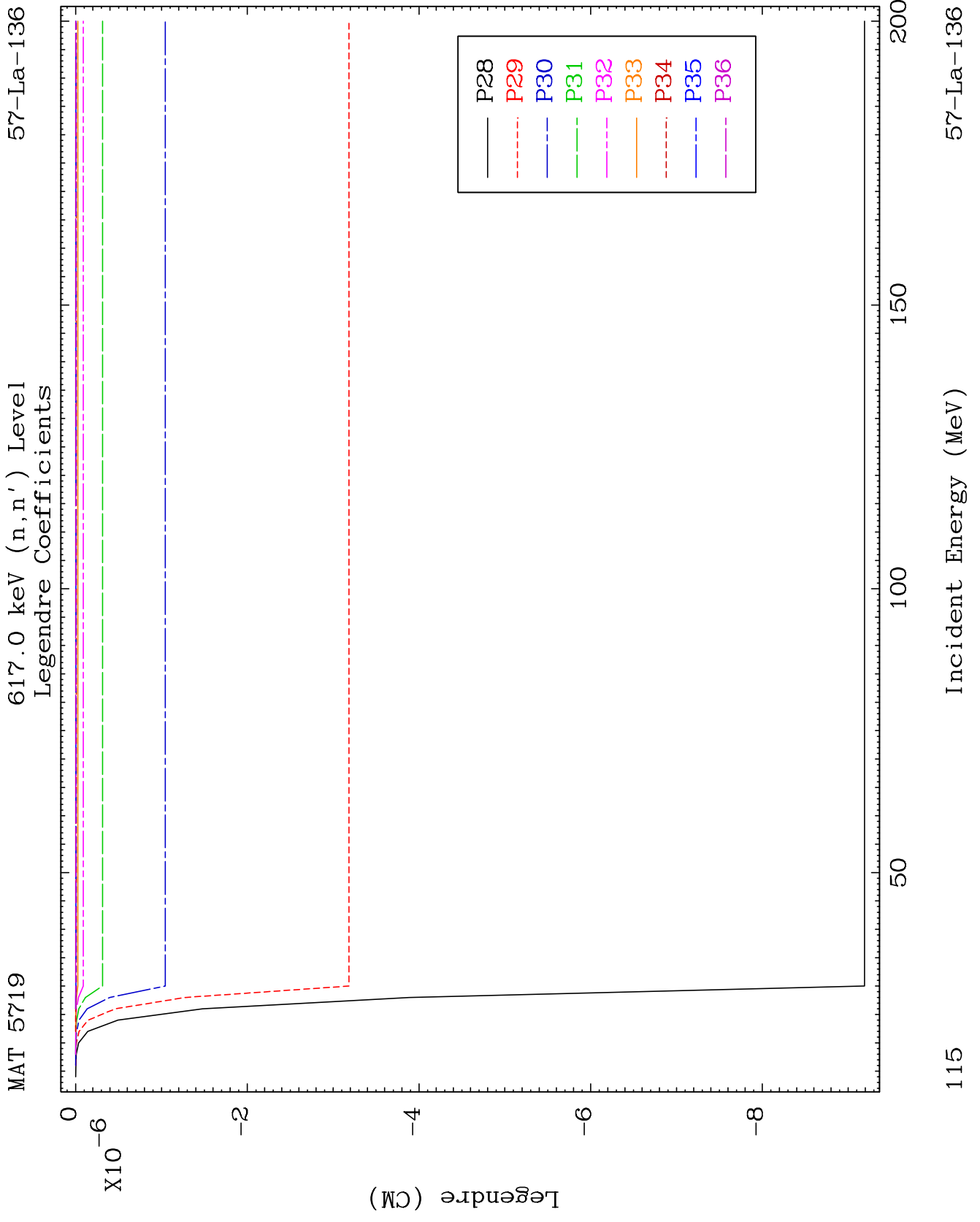


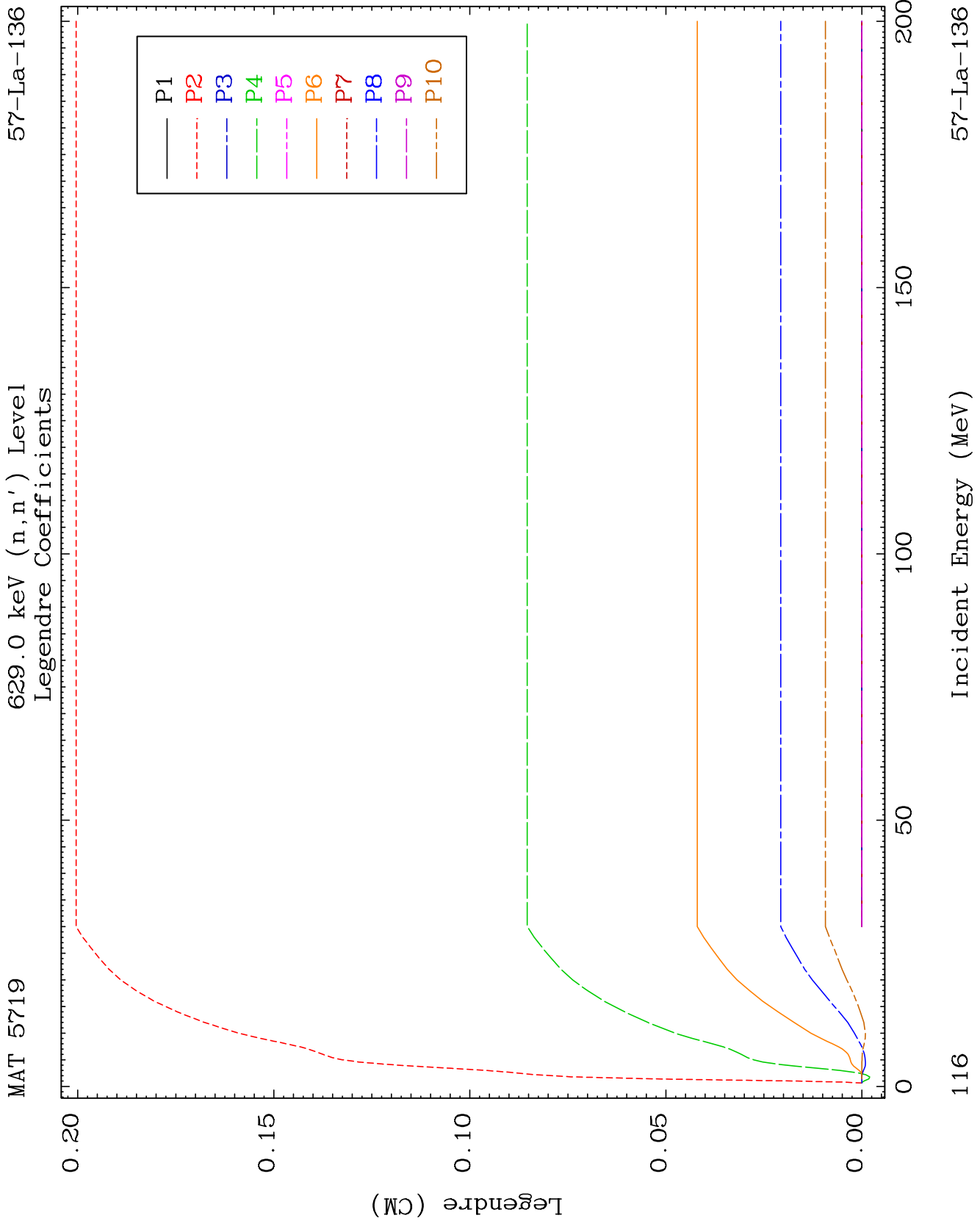


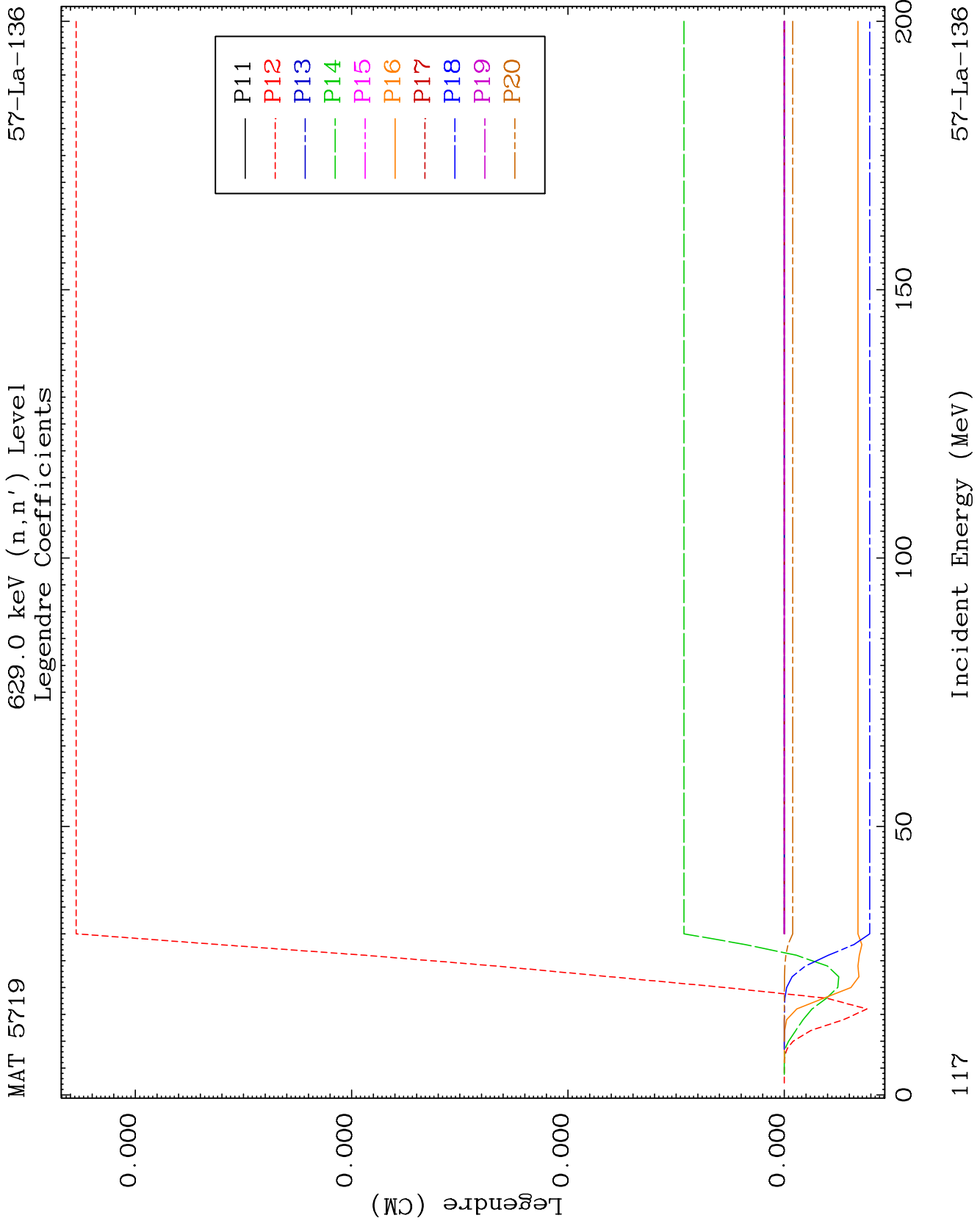


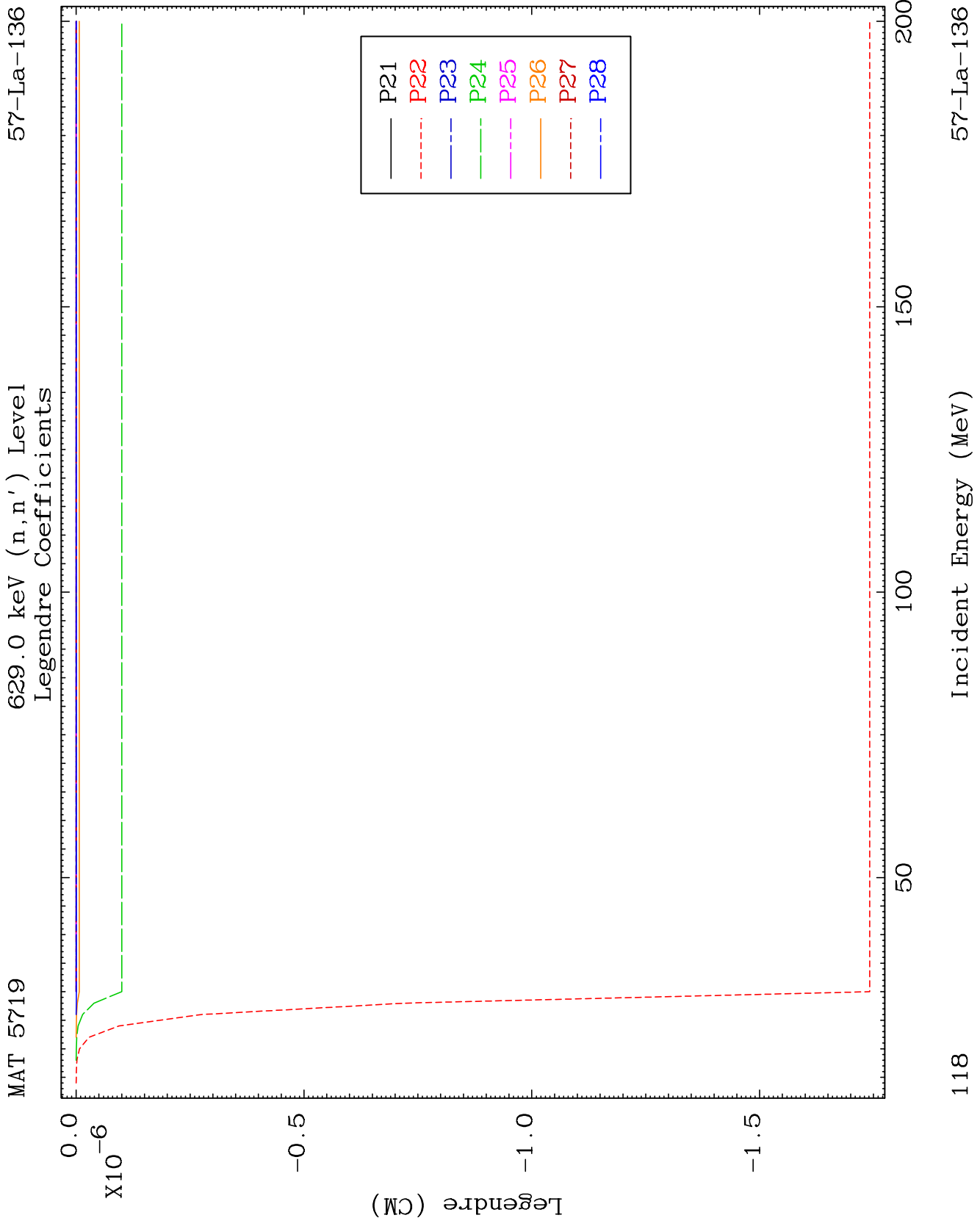








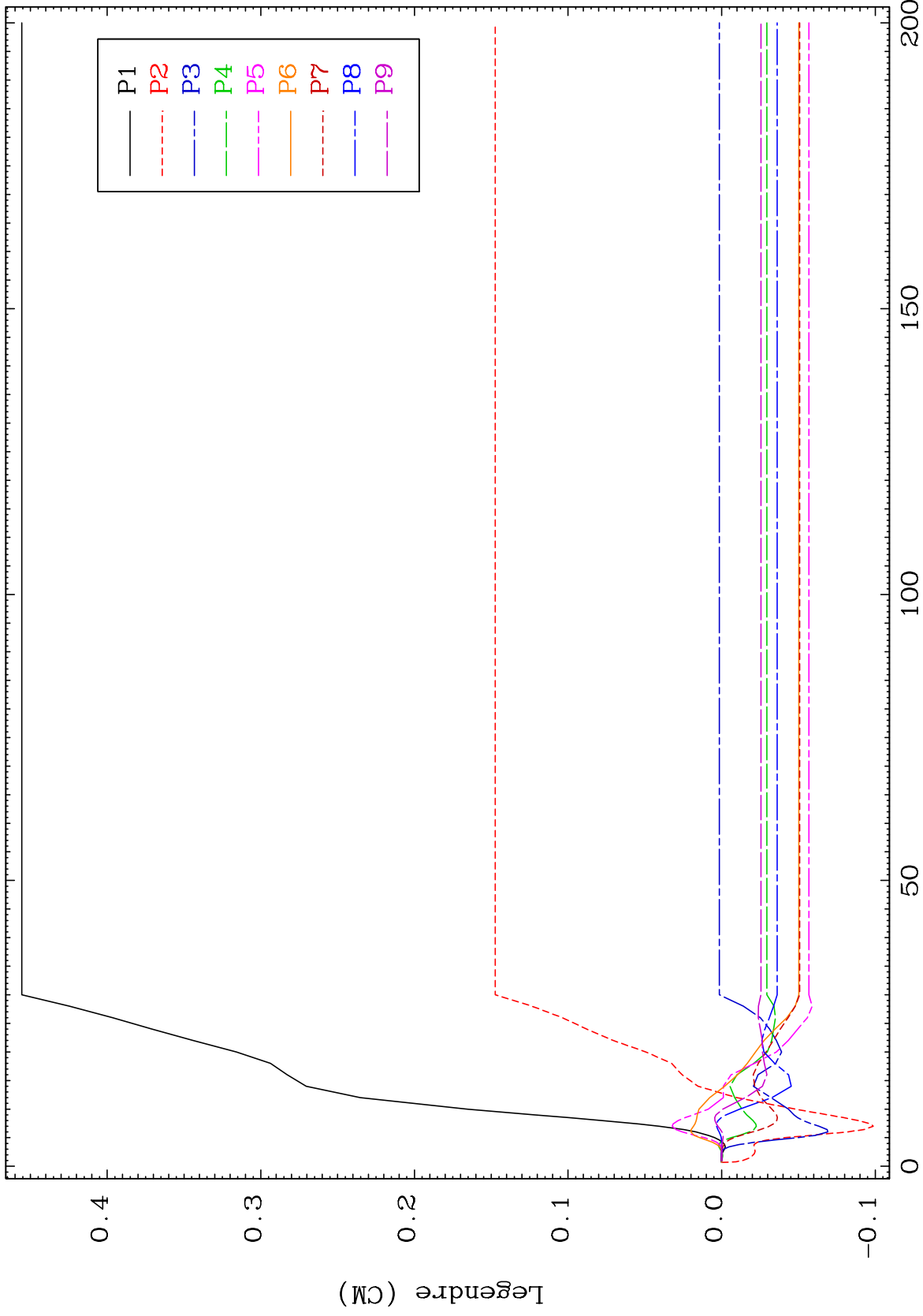




MAT 5719

659.0 keV (n,n') Level
Legendre Coefficients

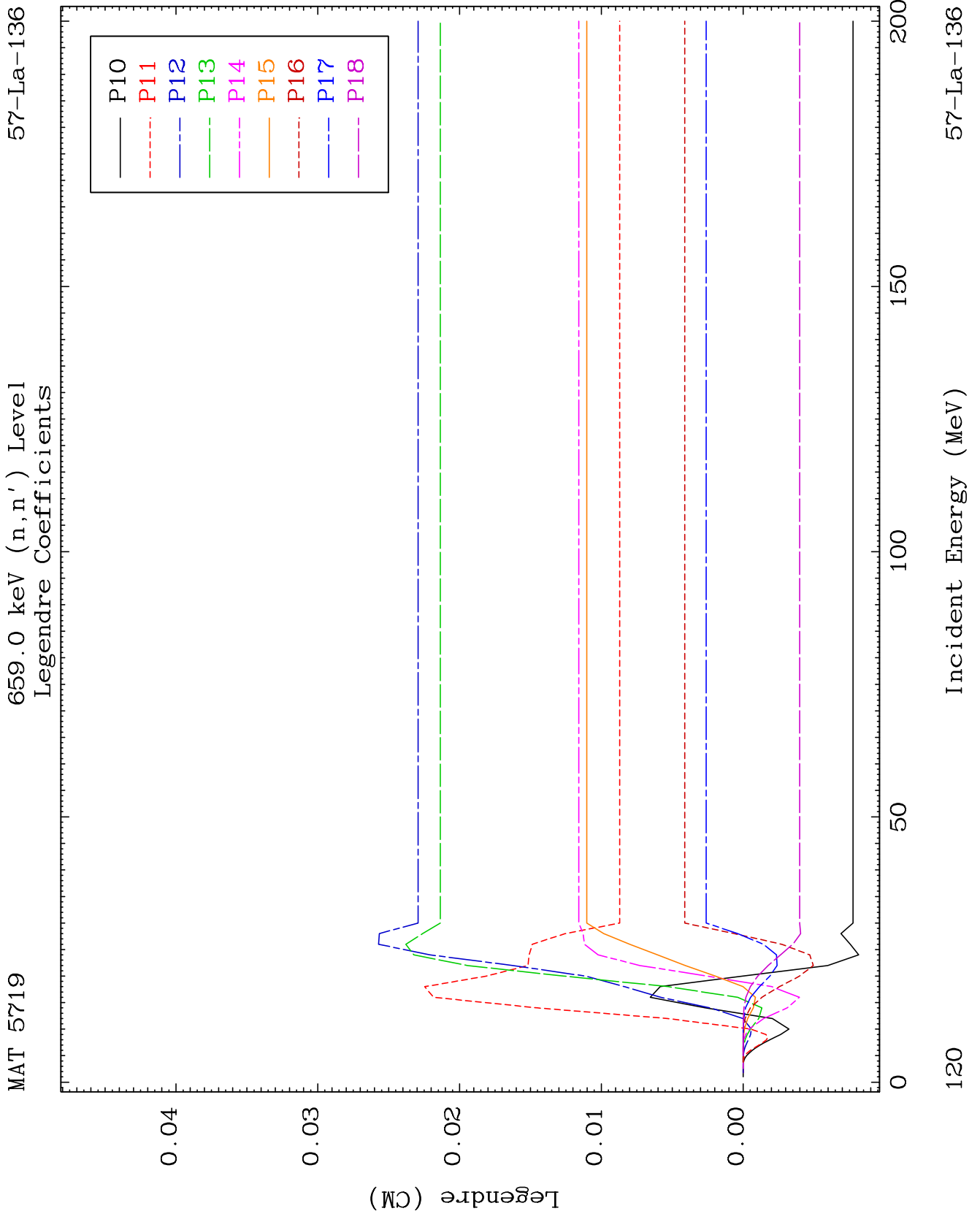
57-La-136



119

Incident Energy (MeV)

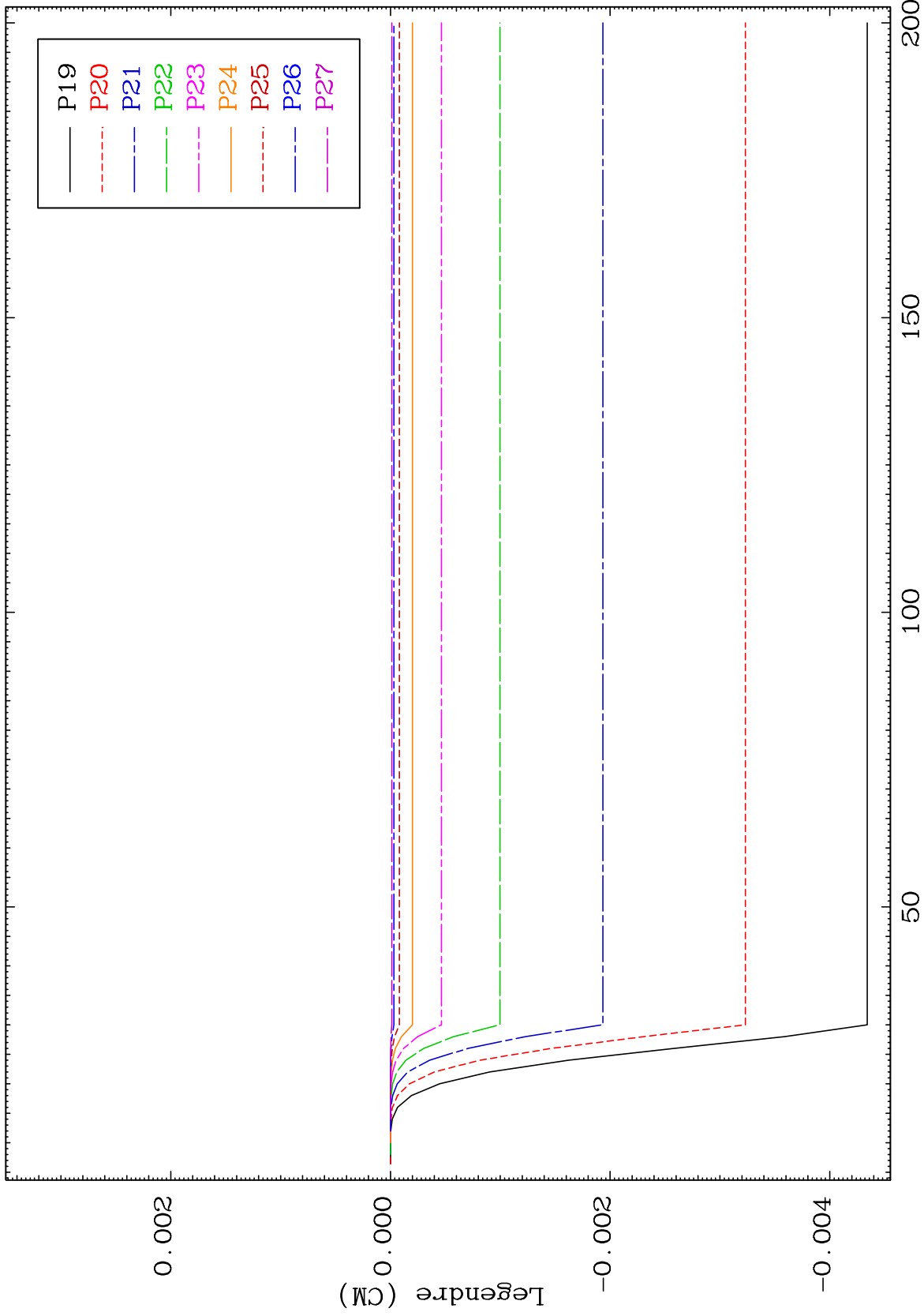
57-La-136



MAT 5719

659.0 keV (n,n') Level
Legendre Coefficients

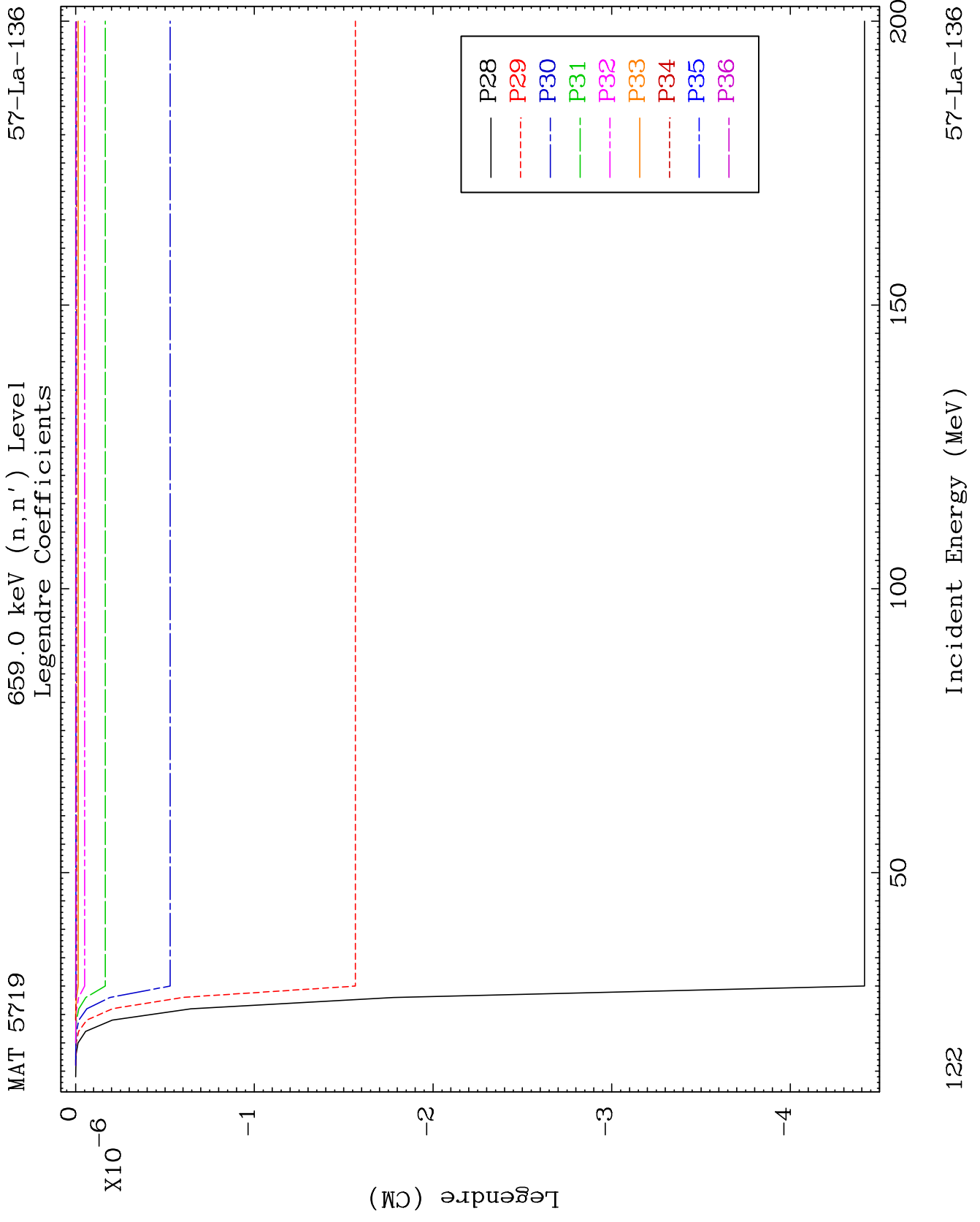
57-La-136

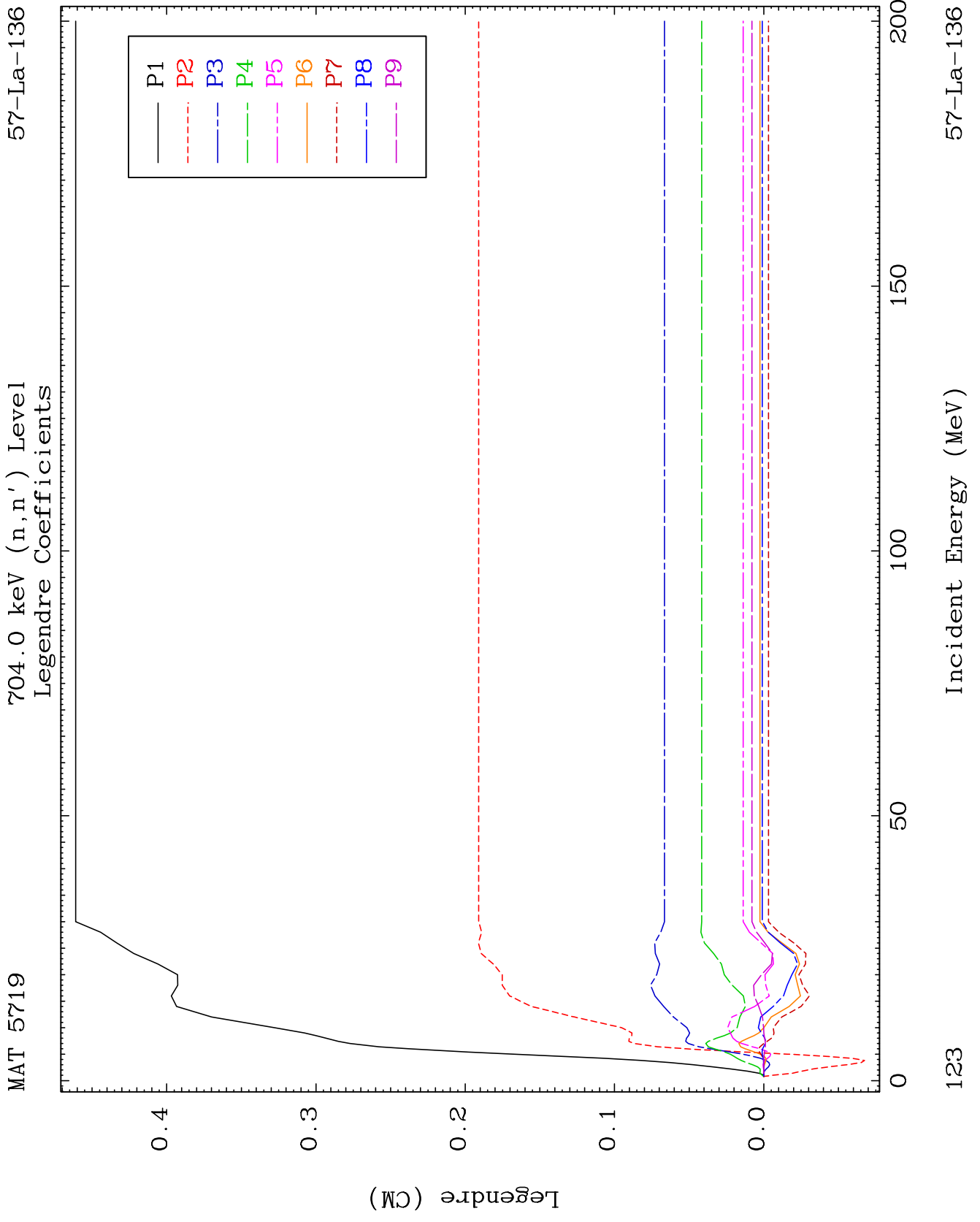


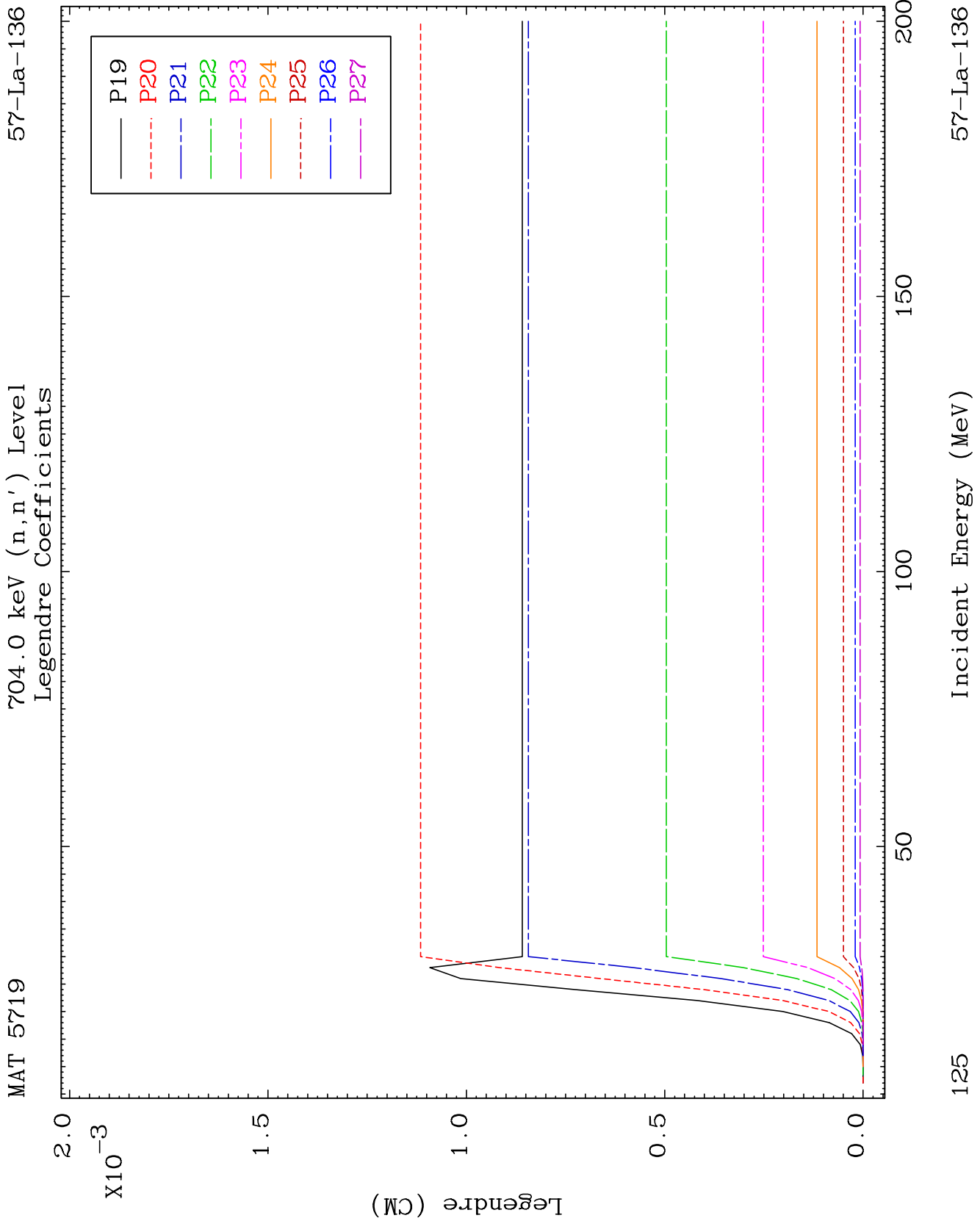
121

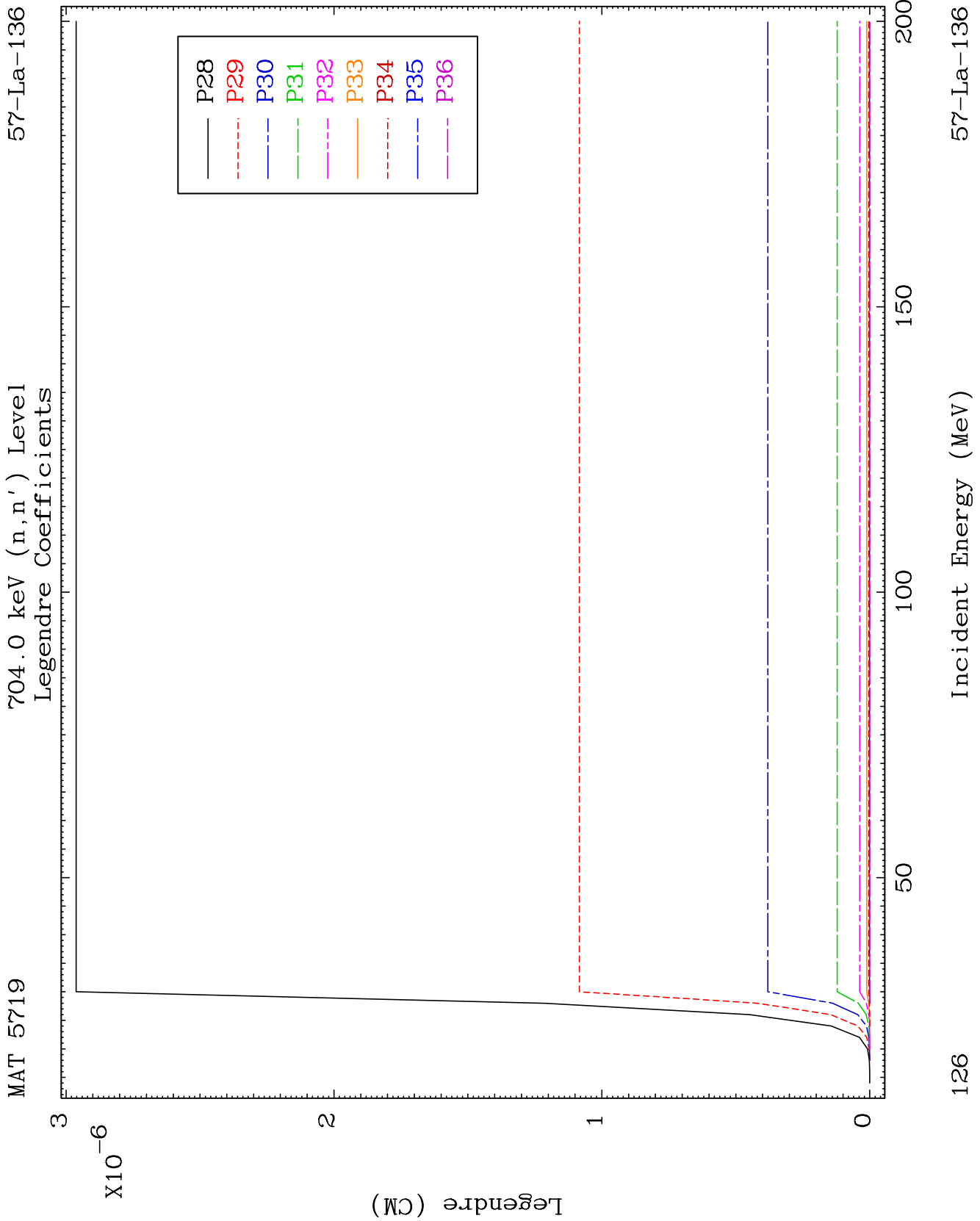
Incident Energy (MeV)

57-La-136





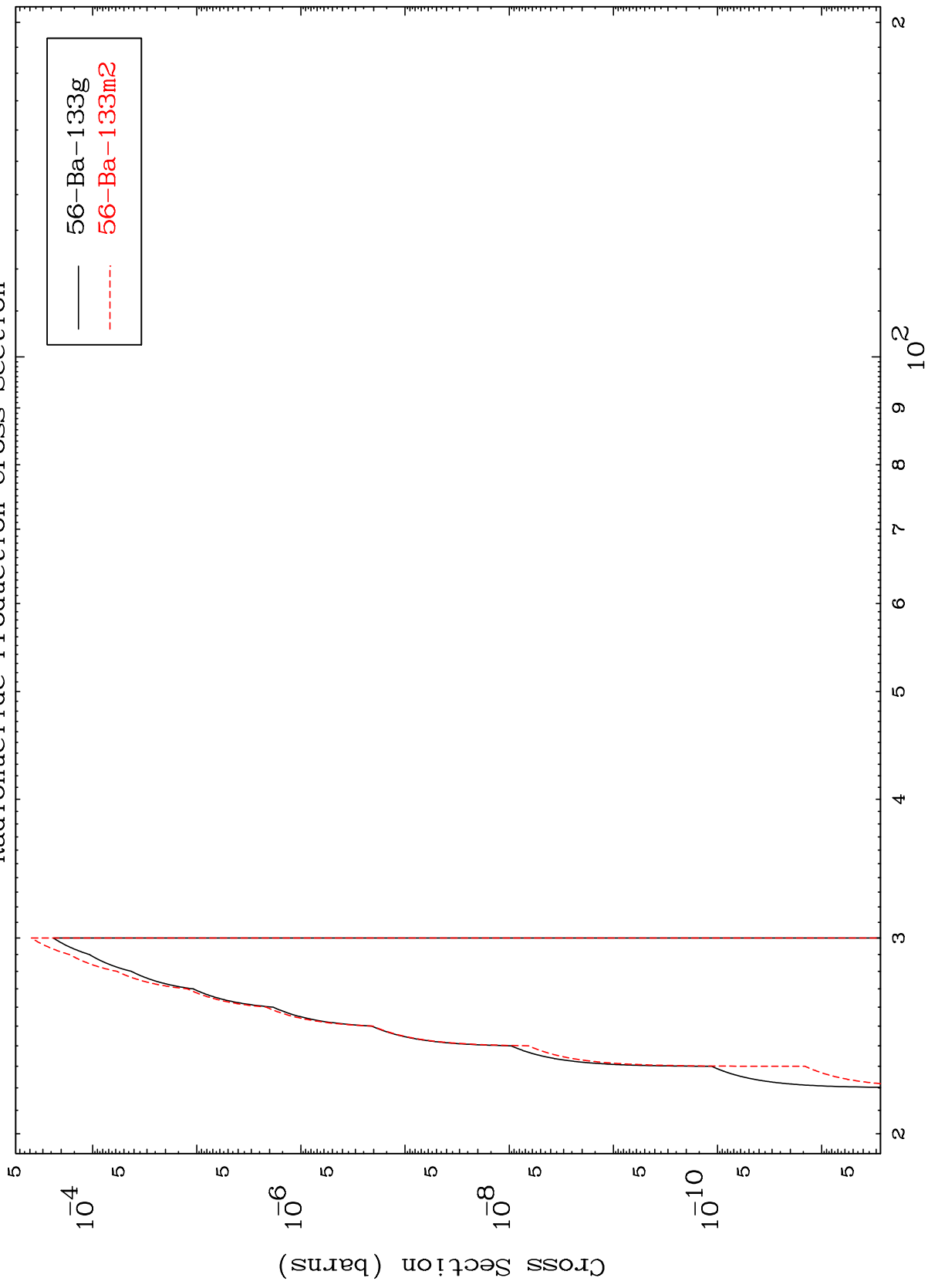




MAT 5719

57-La-136

(n,2n) d
Radionuclide Production Cross Section

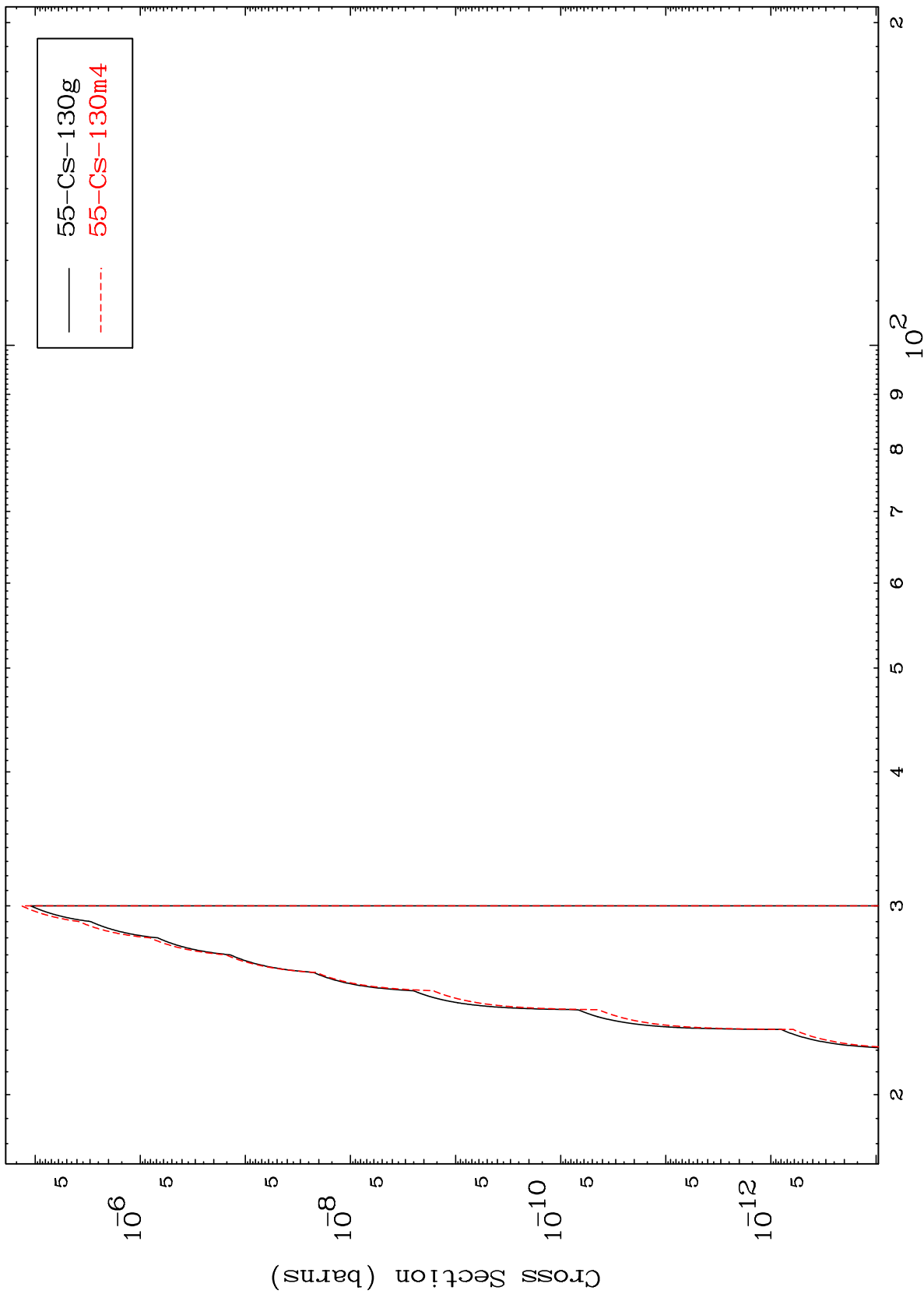


127

Incident Energy (MeV)

57-La-136

Radionuclide Production Cross Section

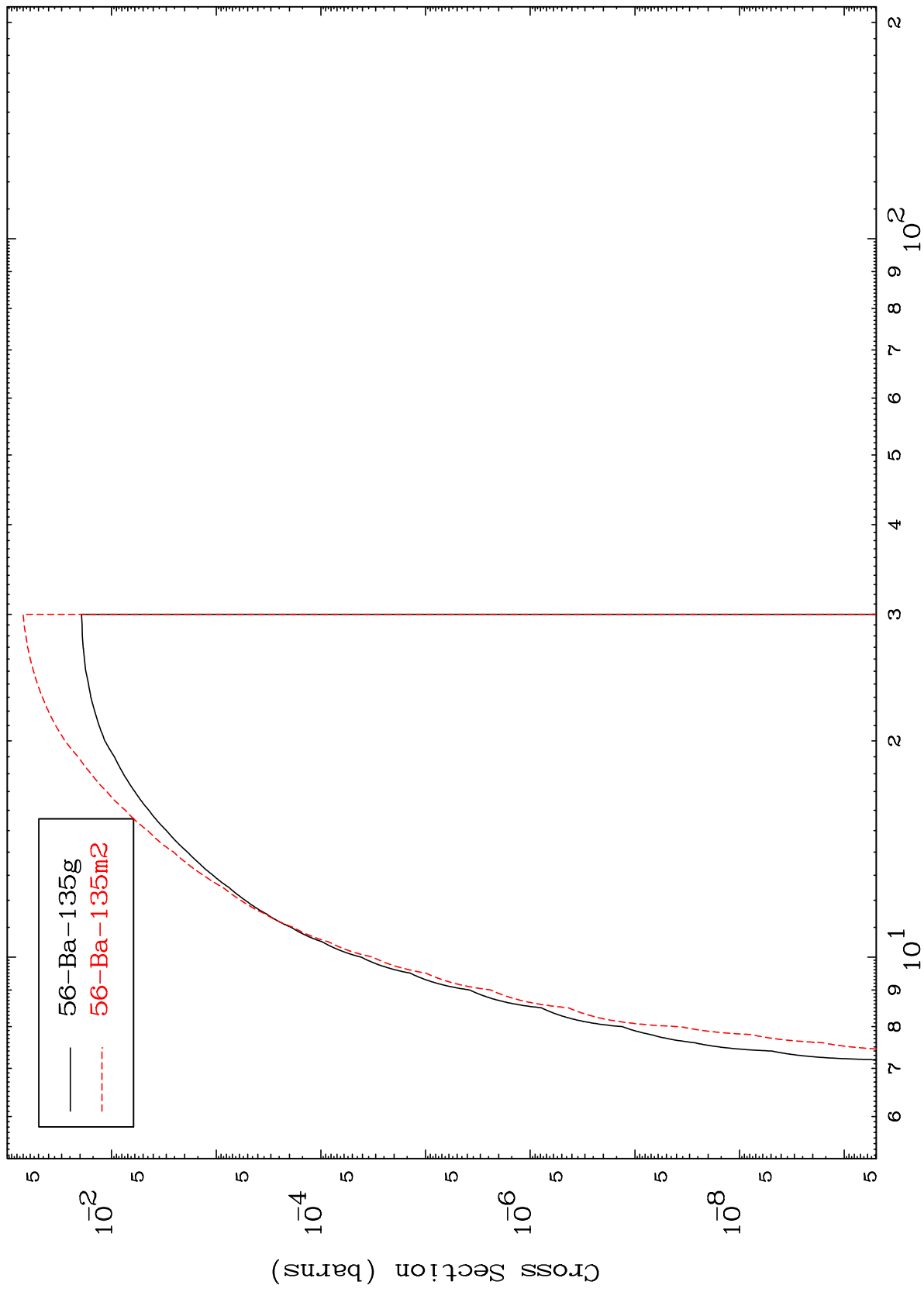


MAT 5719

(n,n') p

57-La-136

Radionuclide Production Cross Section



56-Ba-135g
56-Ba-135m2

129

Incident Energy (MeV)

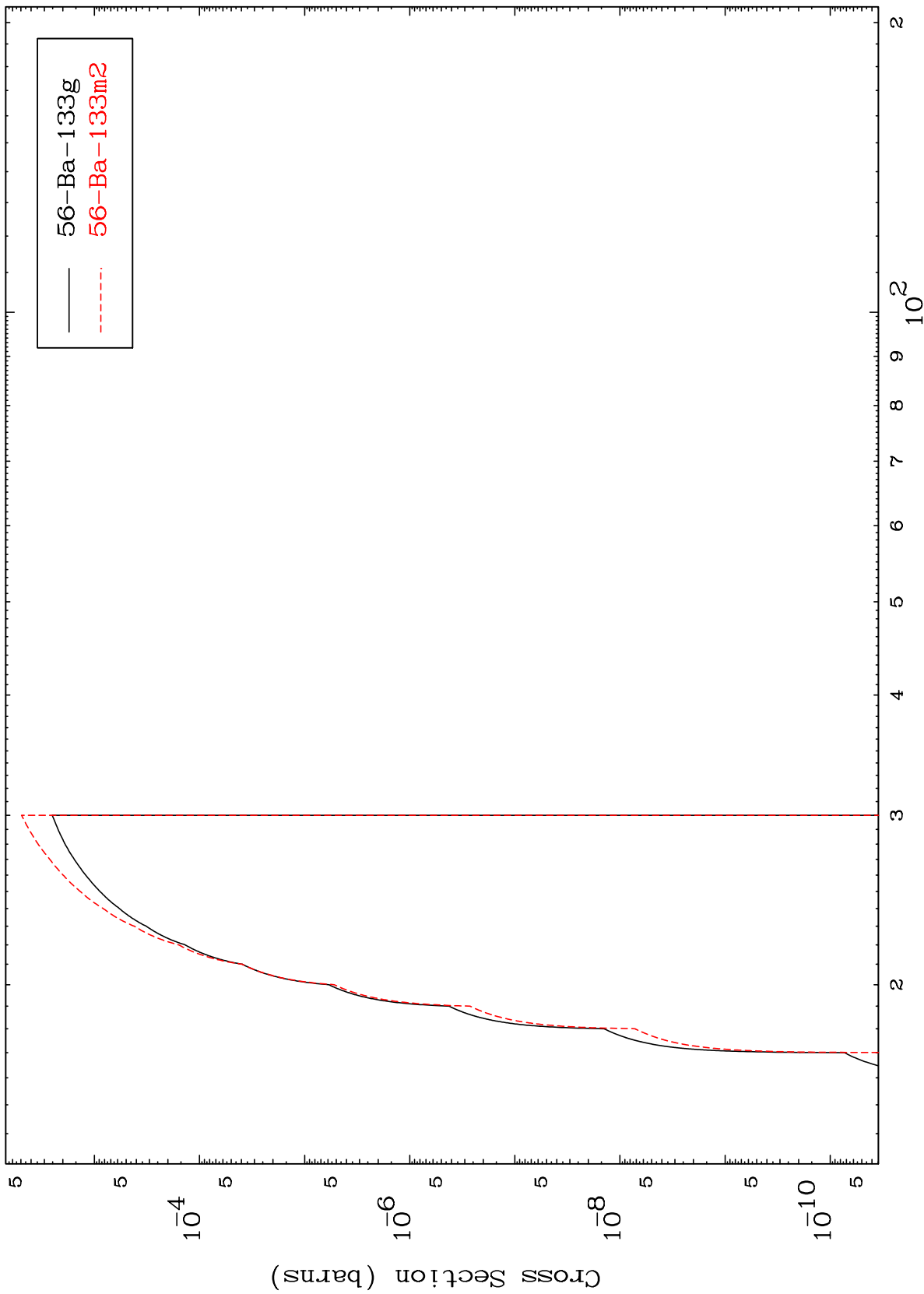
57-La-136

MAT 5719

(n,n') t

57-La-136

Radionuclide Production Cross Section



130

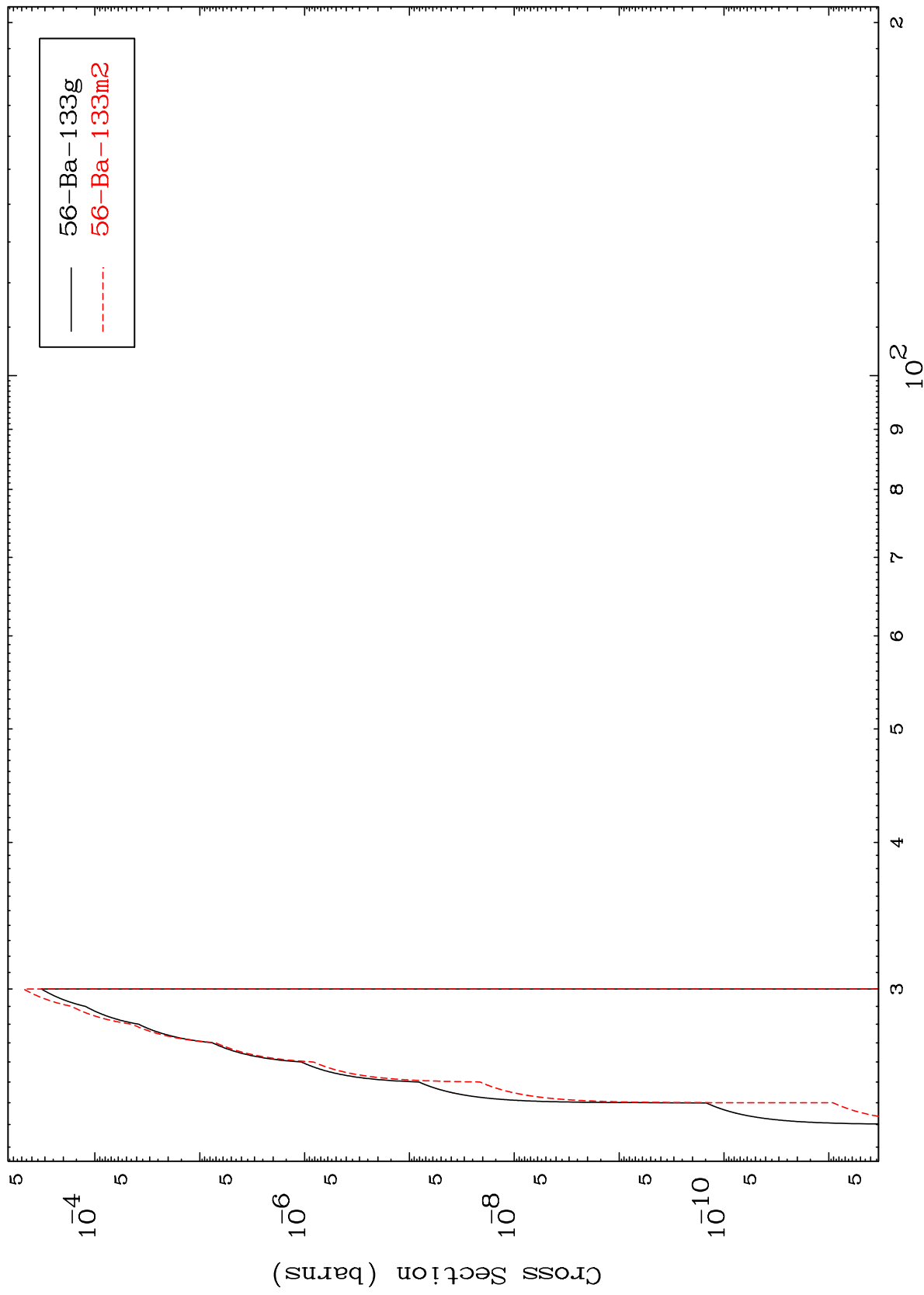
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

(n,3n) p
Radionuclide Production Cross Section



131

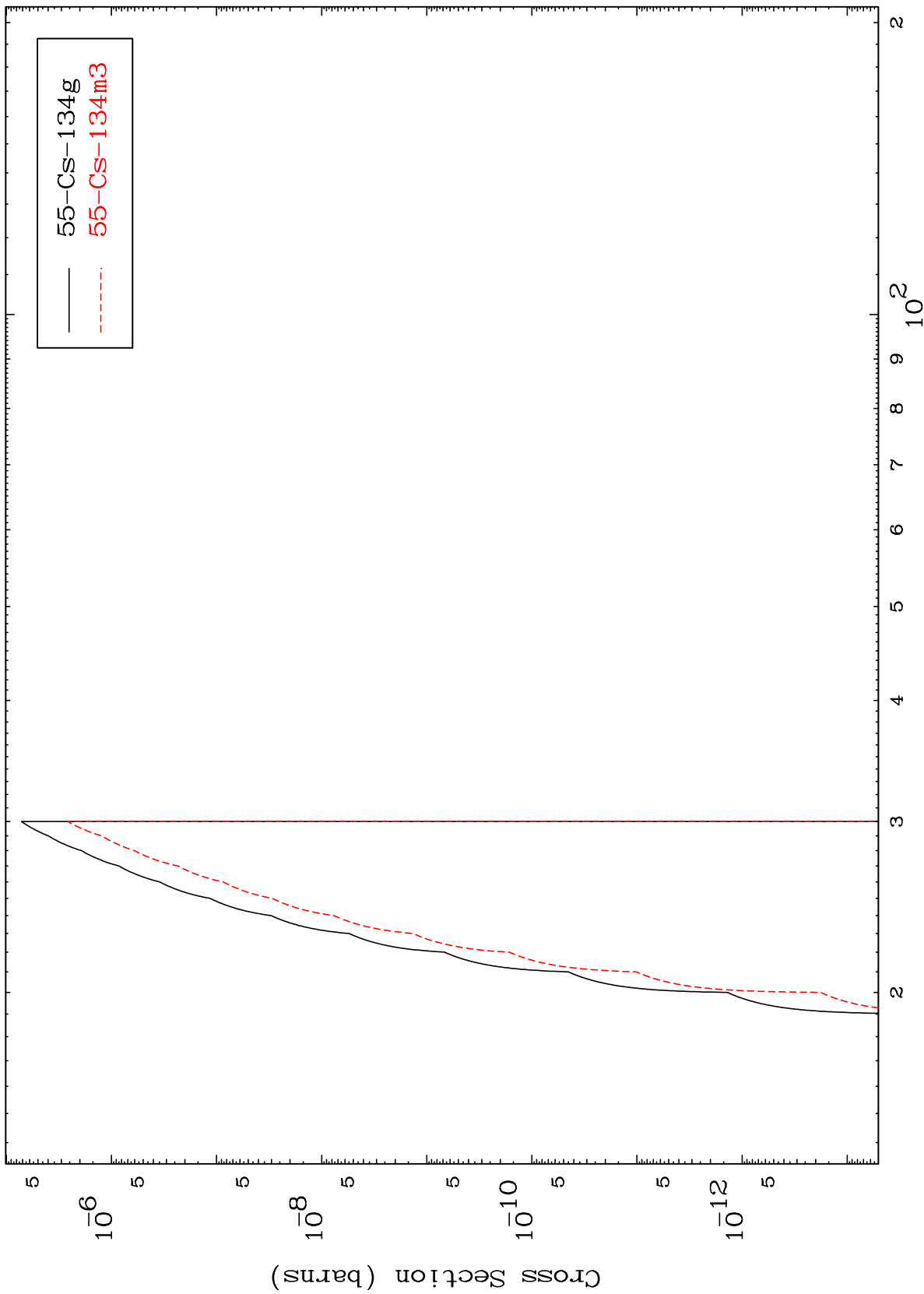
57-La-136

Incident Energy (MeV)

MAT 5719

57-La-136

(n,2n) p
Radionuclide Production Cross Section



132

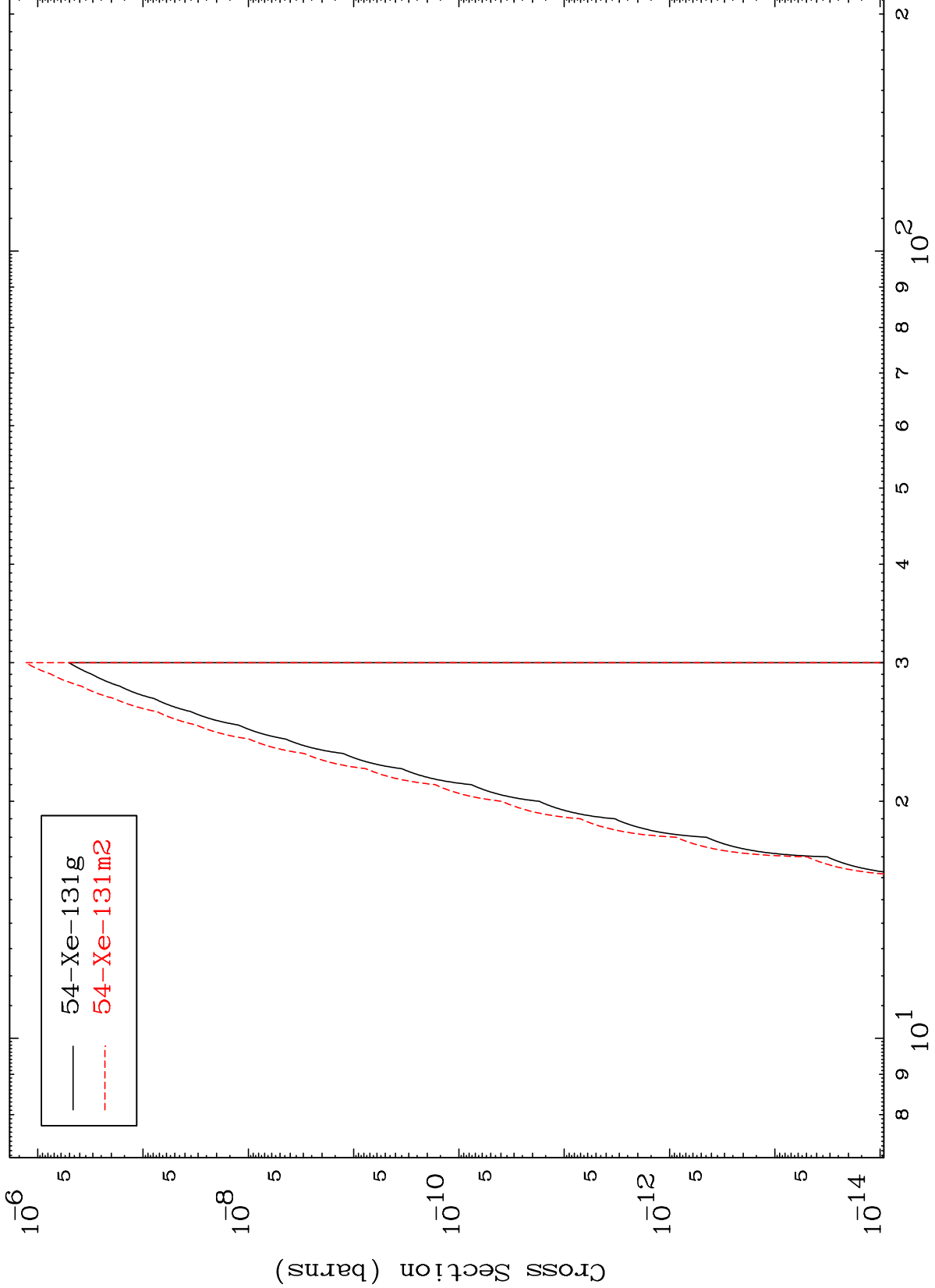
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

(n,n') p α
Radionuclide Production Cross Section



54-Xe-131g
54-Xe-131m2

57-La-136

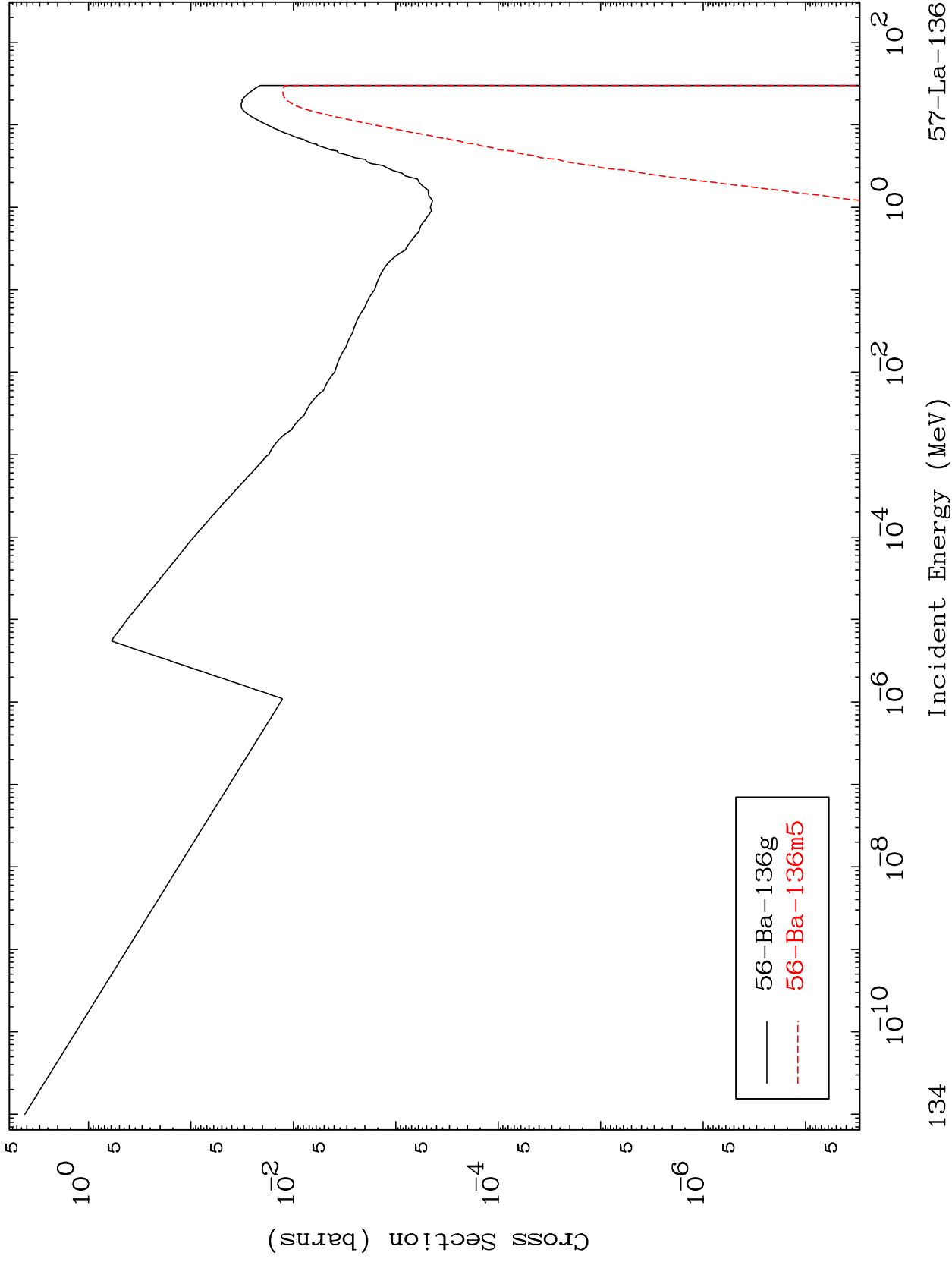
Incident Energy (MeV)

133

MAT 5719

57-La-136

(n,p)
Radionuclide Production Cross Section

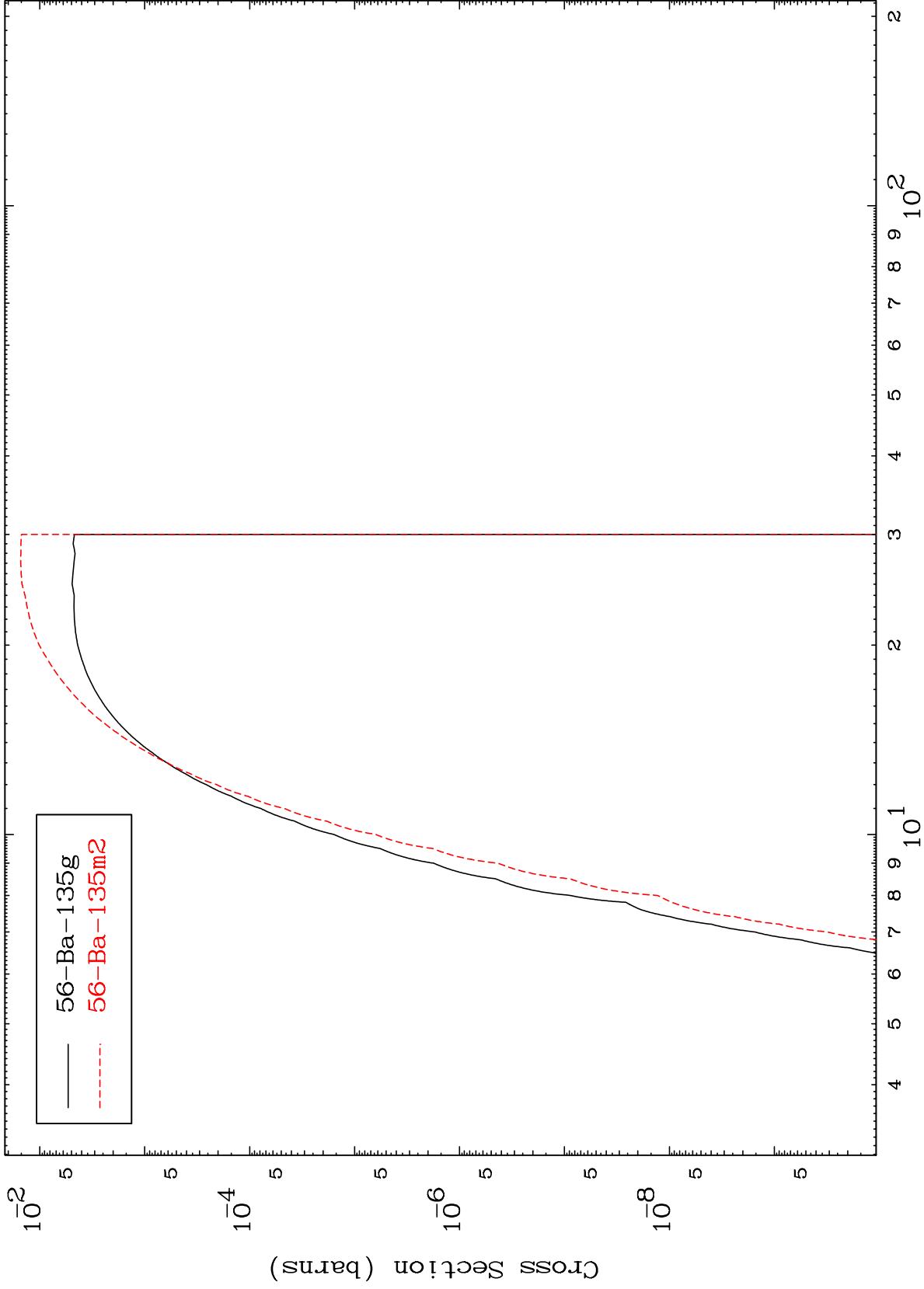


134

MAT 5719

57-La-136

(n,d)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

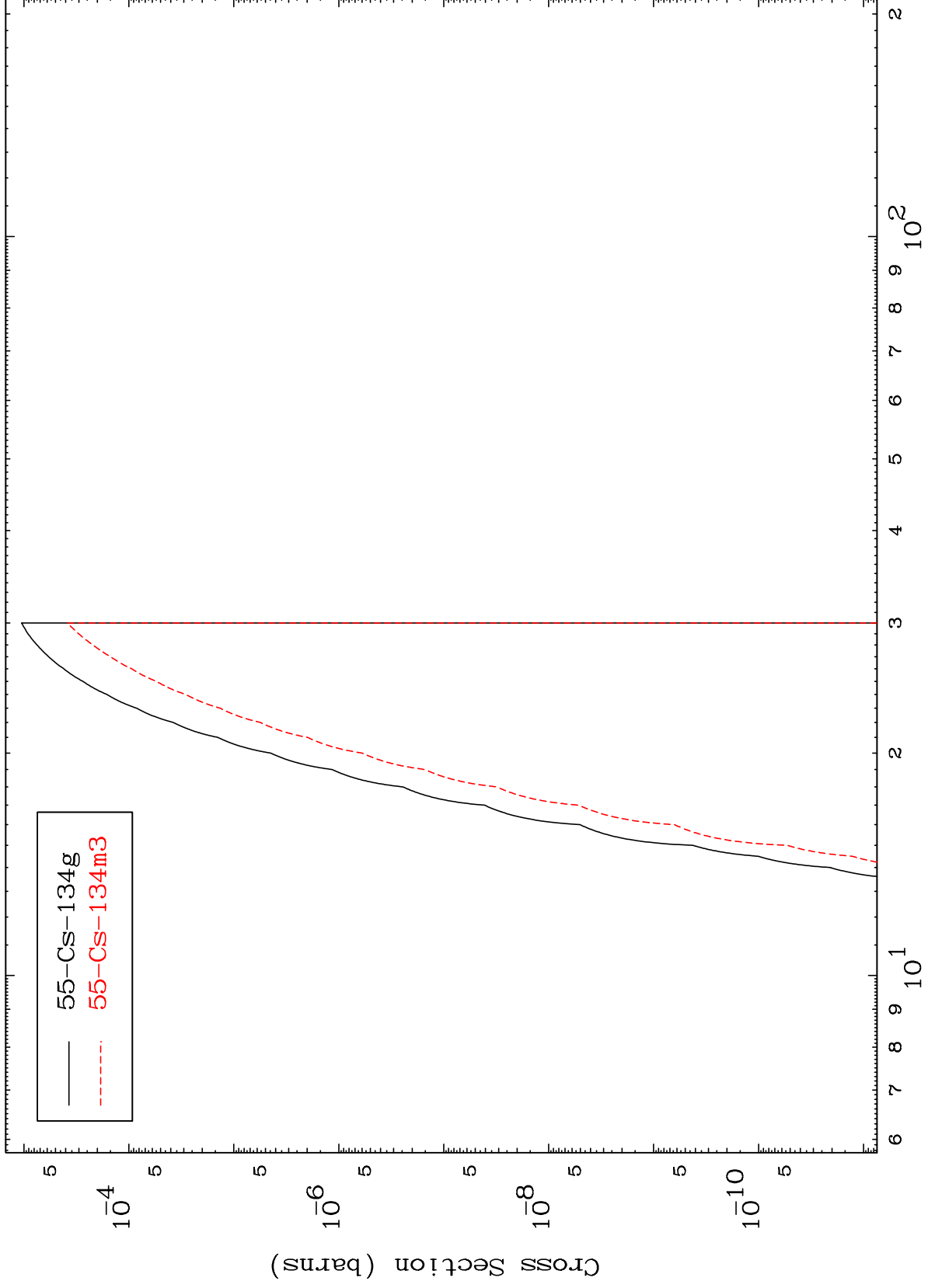
57-La-136

MAT 5719

(n,He-3)

57-La-136

Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3

136

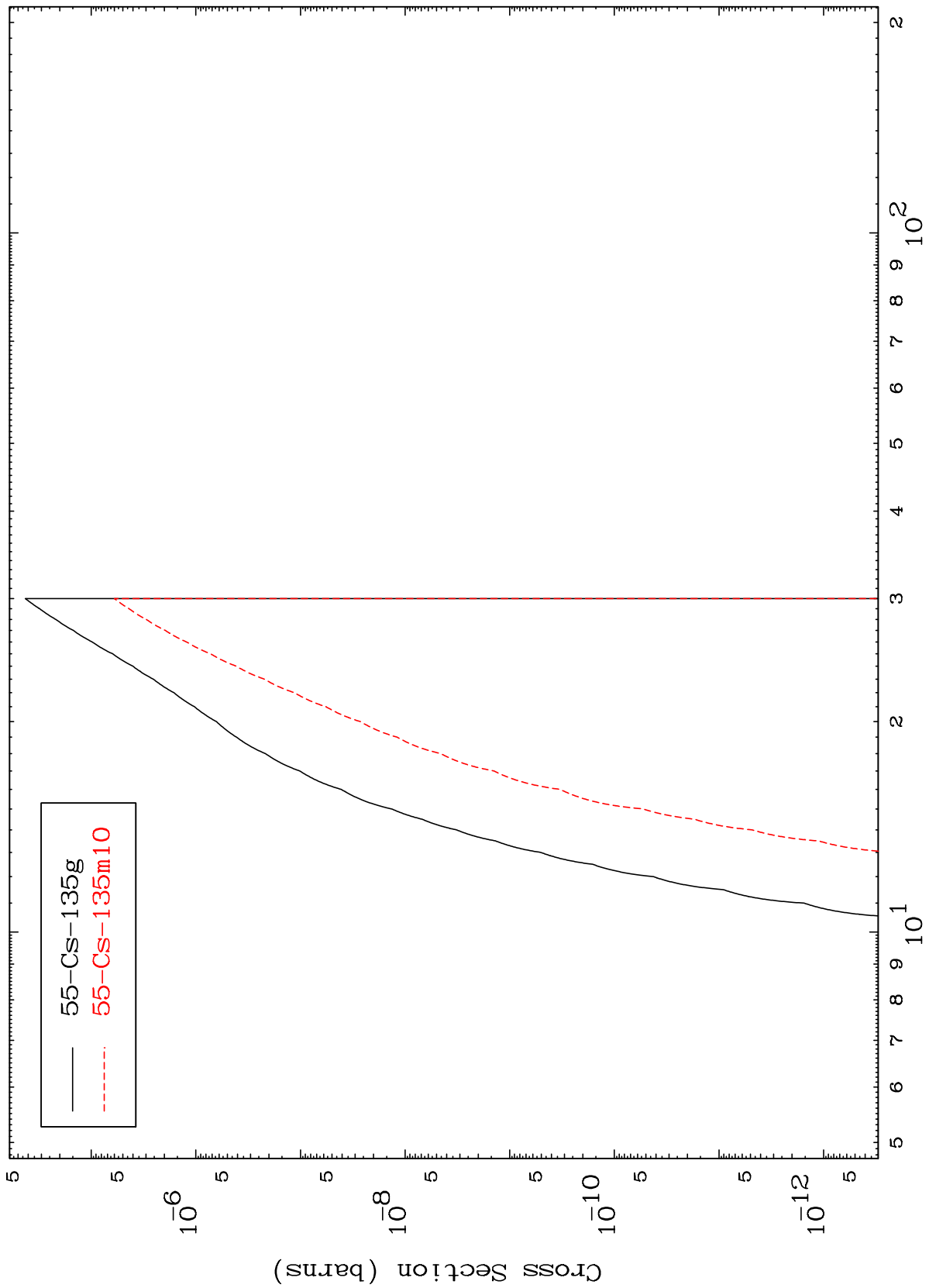
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

(n,2p)
Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

137

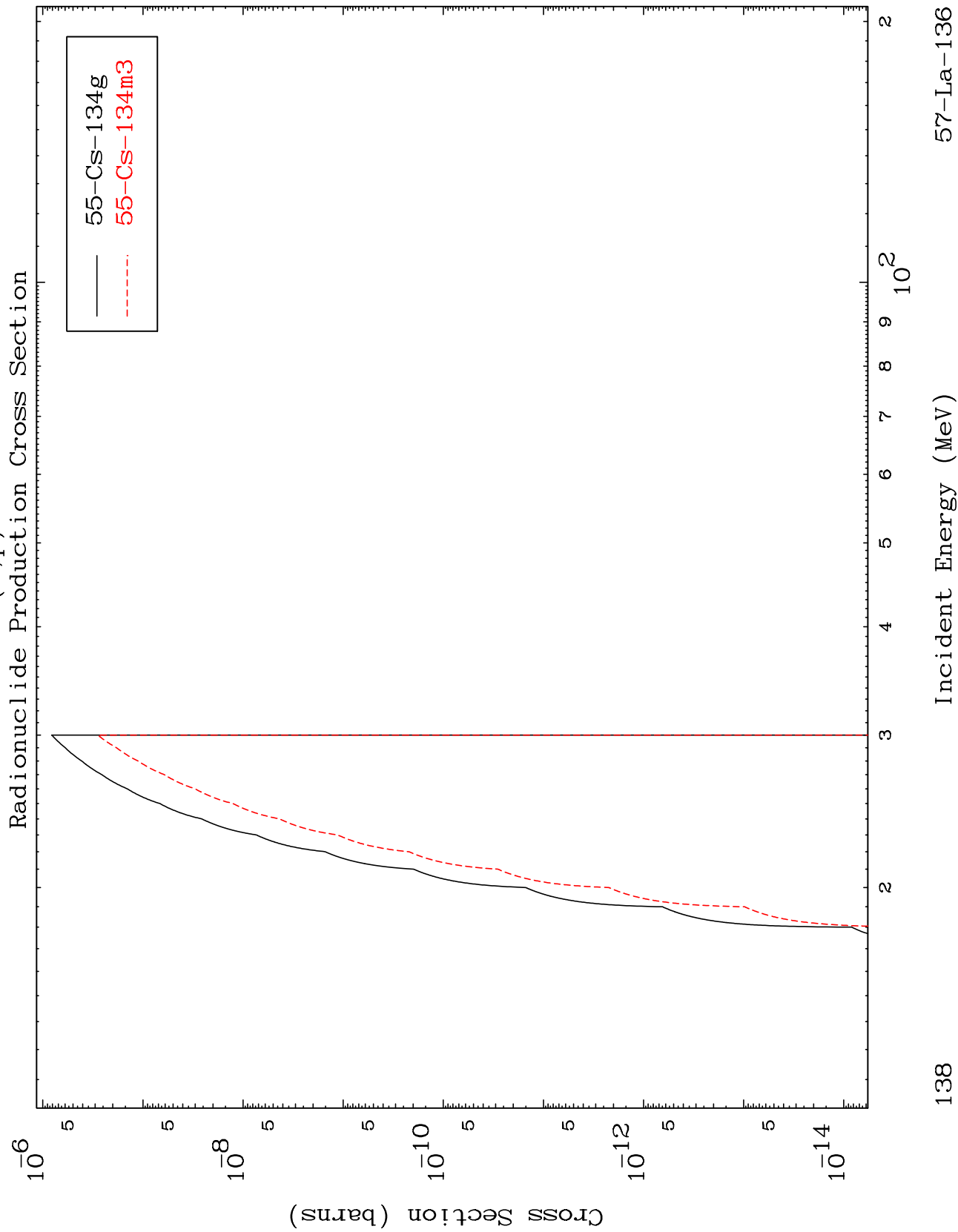
Incident Energy (MeV)

57-La-136

MAT 5719

(n,p) d

57-La-136



138

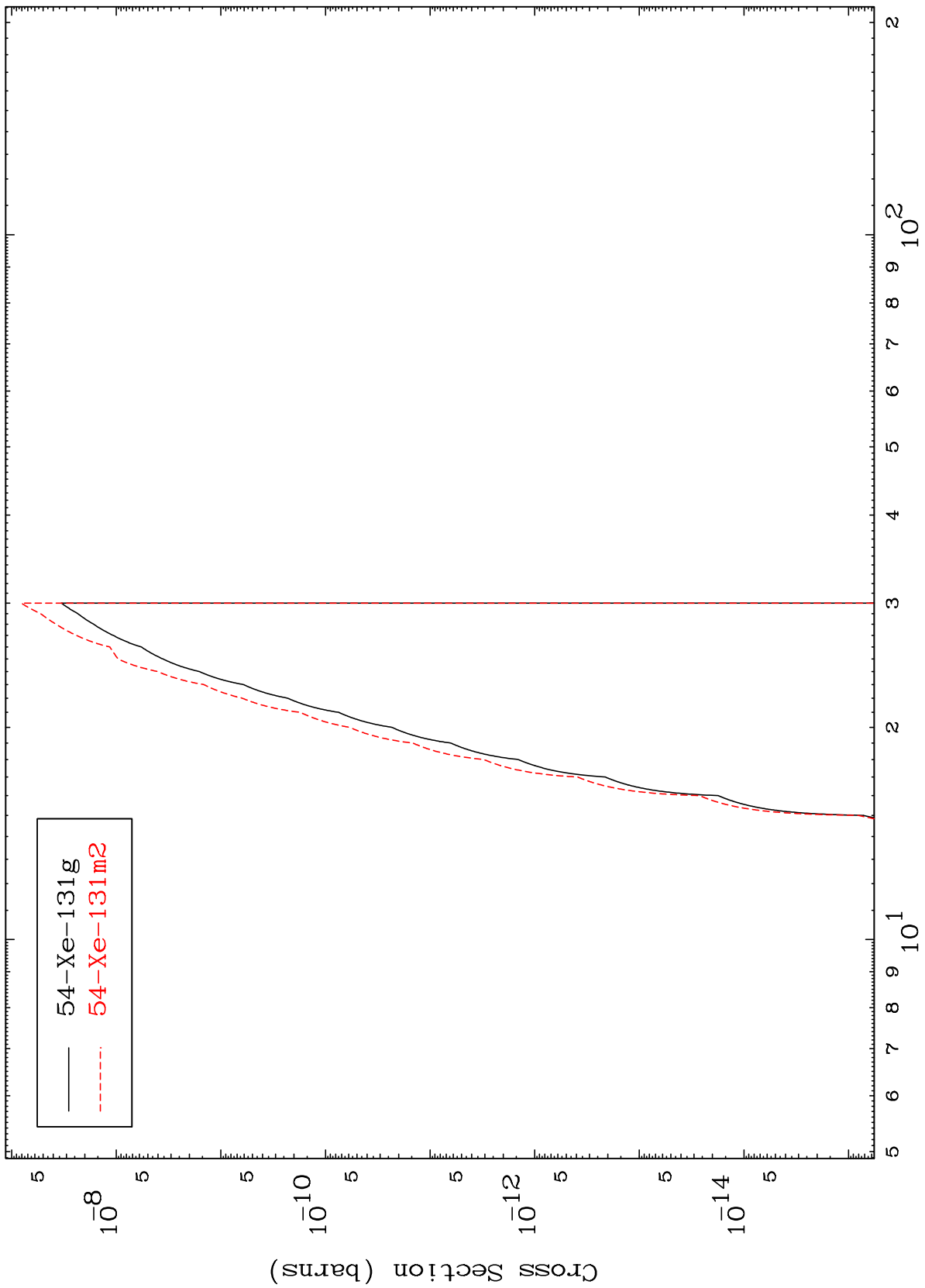
57-La-136

MAT 5719

(n,d) α

57-La-136

Radionuclide Production Cross Section



139

Incident Energy (MeV)

57-La-136