

Program EVALPLOT
(Version 2015-2)

by

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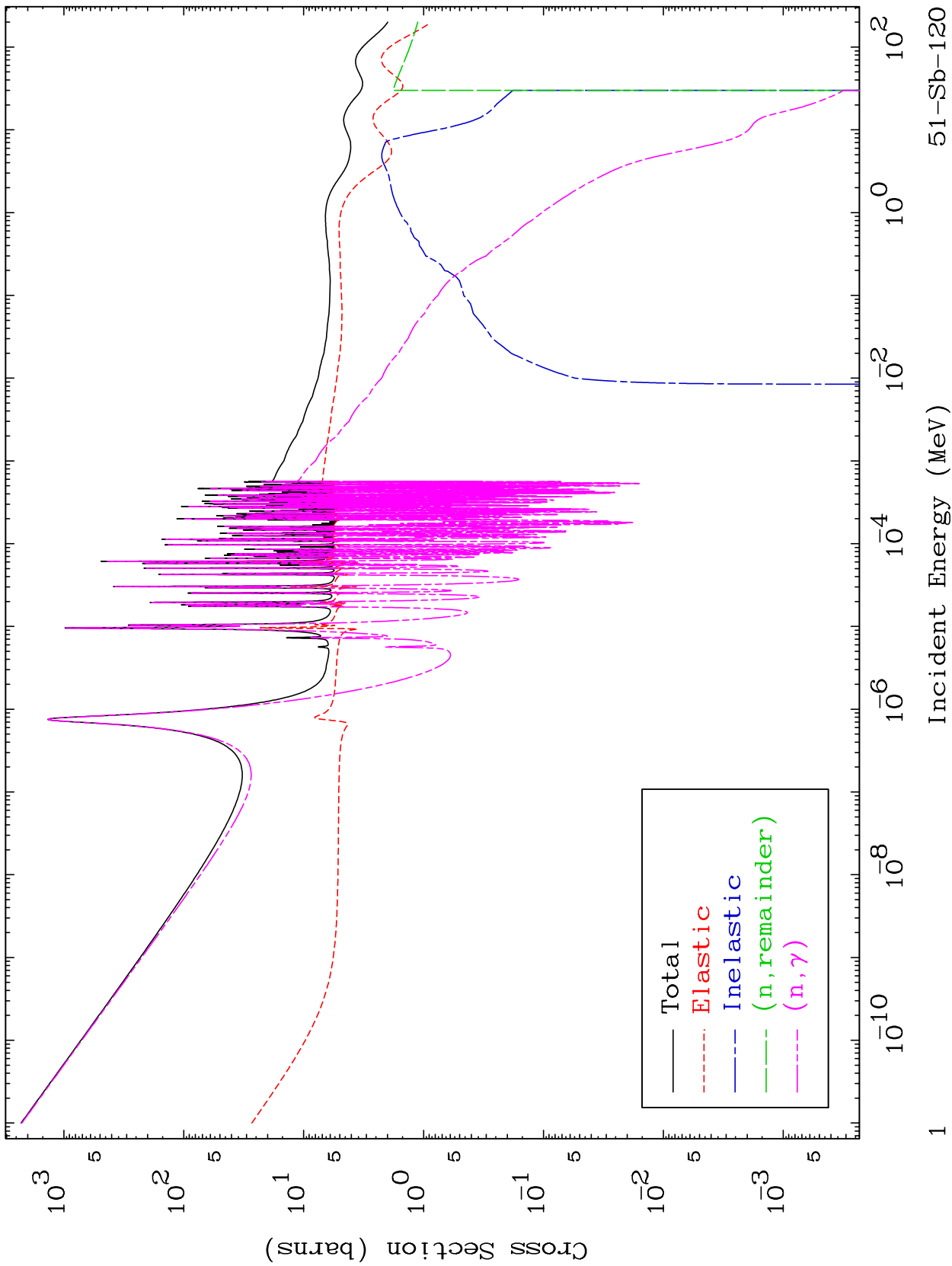
Press Mouse Button to Start

MAT 5122

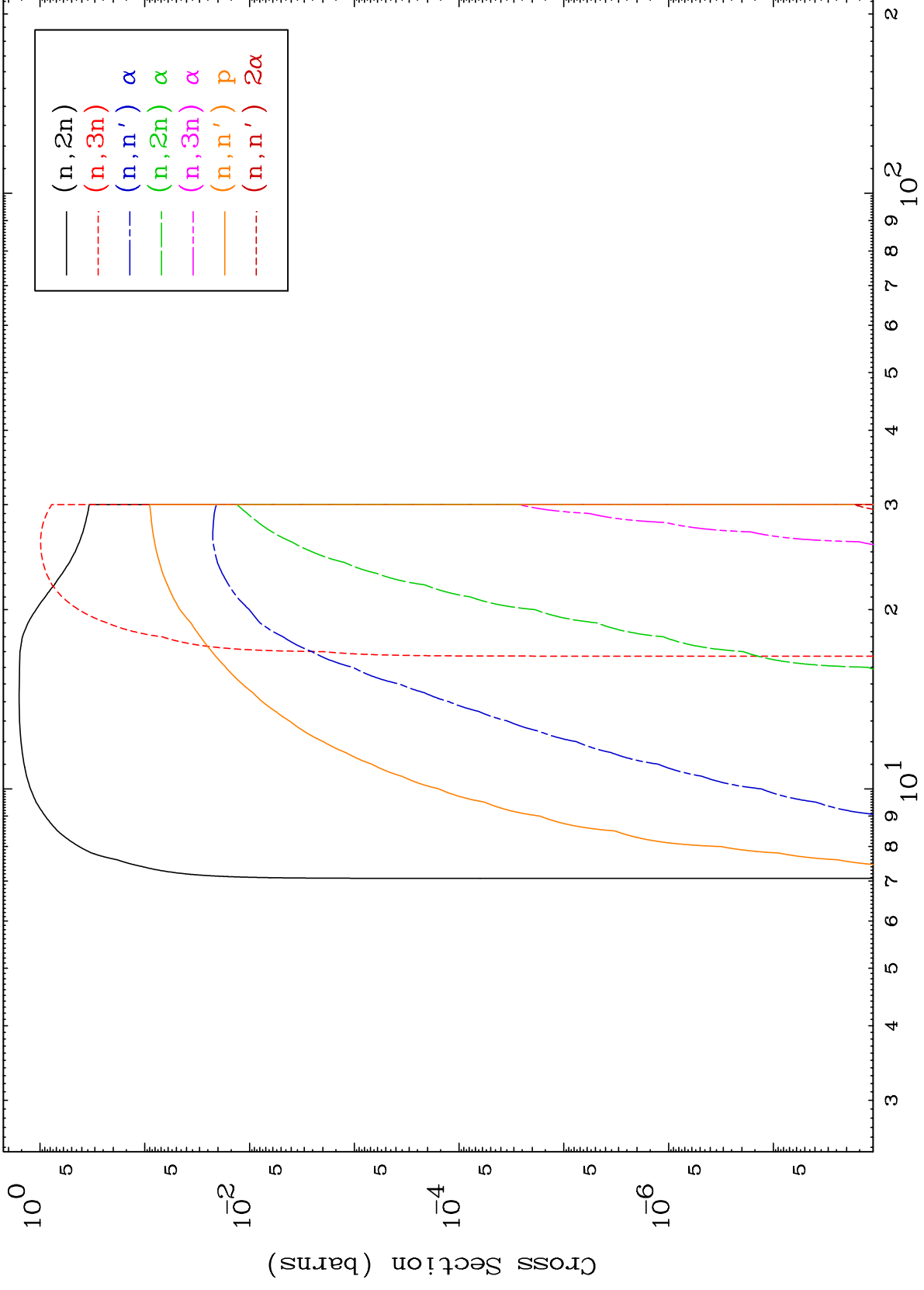
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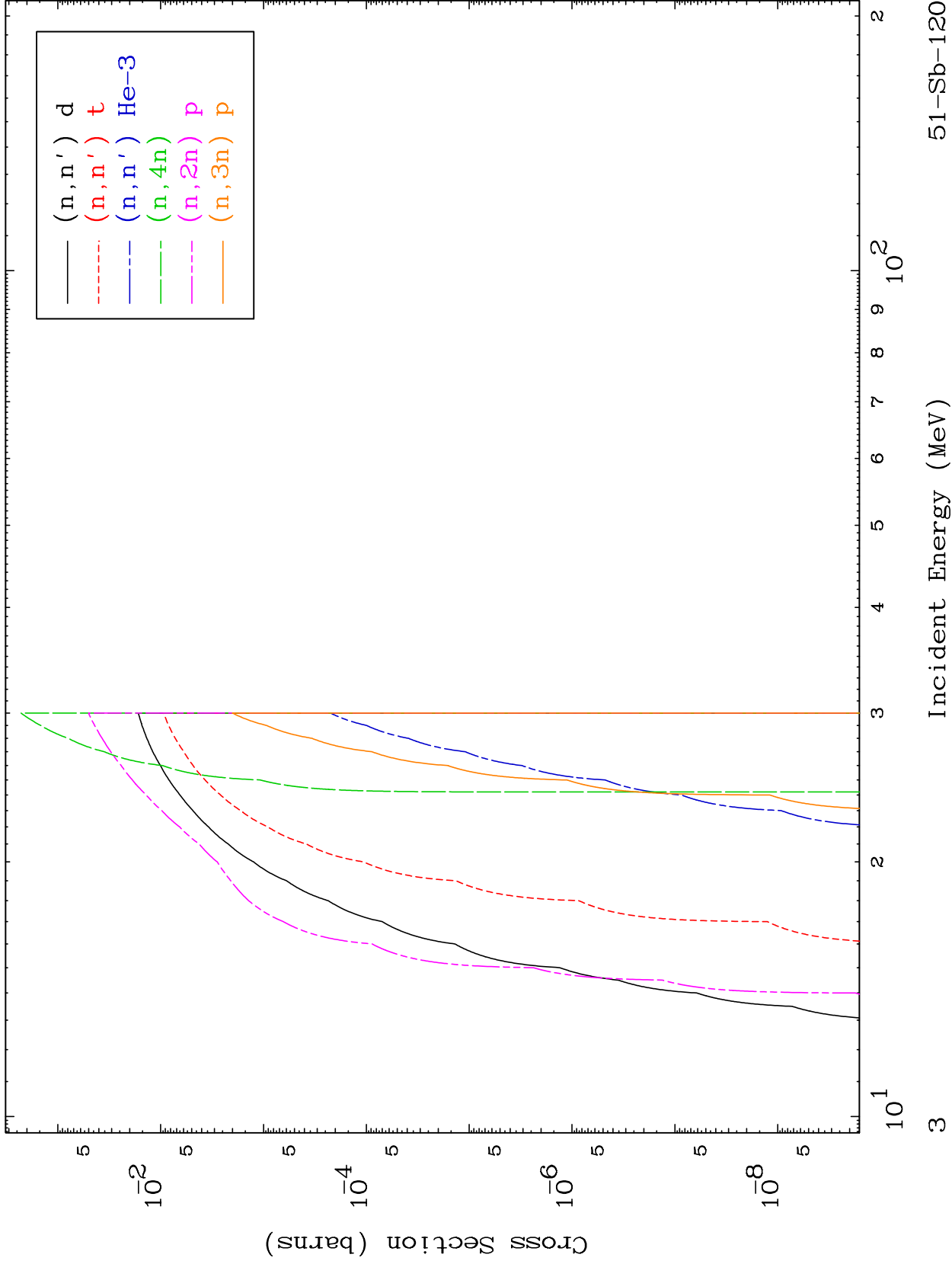
293 Kelvin Cross Sections

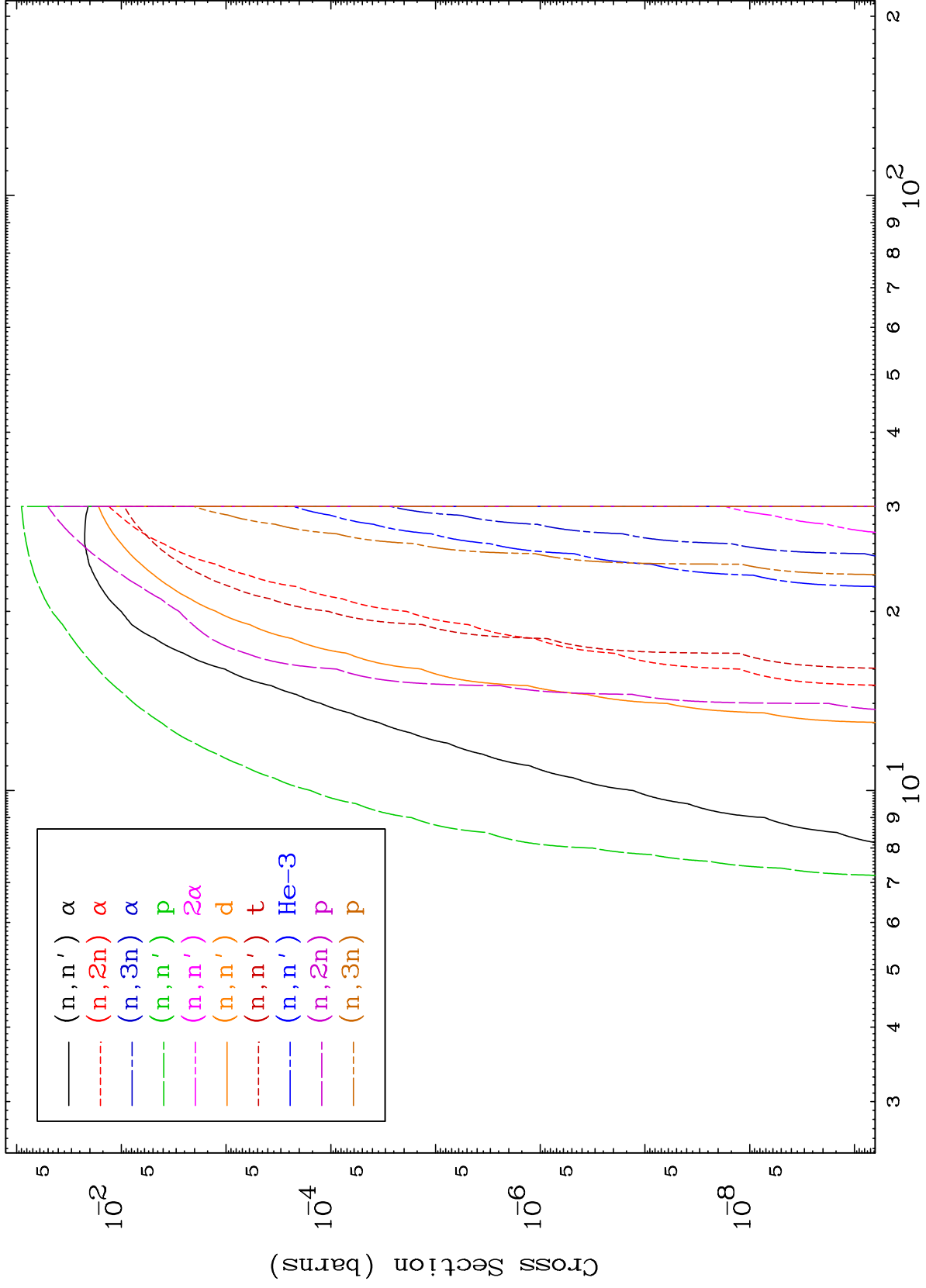
51-Sb-120



Neutron Production
293 Kelvin Cross Sections



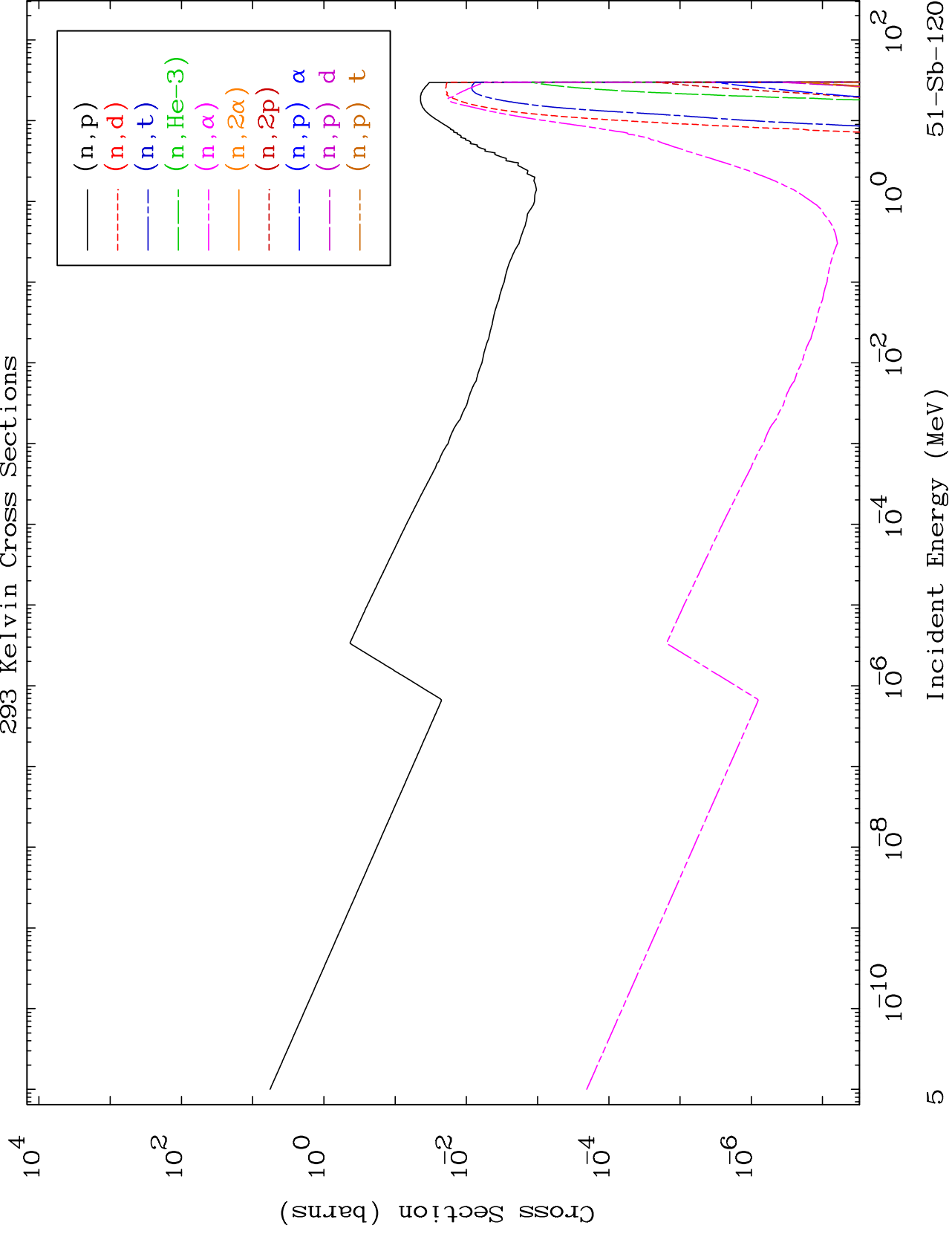




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Charged Particle
293 Kelvin Cross Sections

51-Sb-120

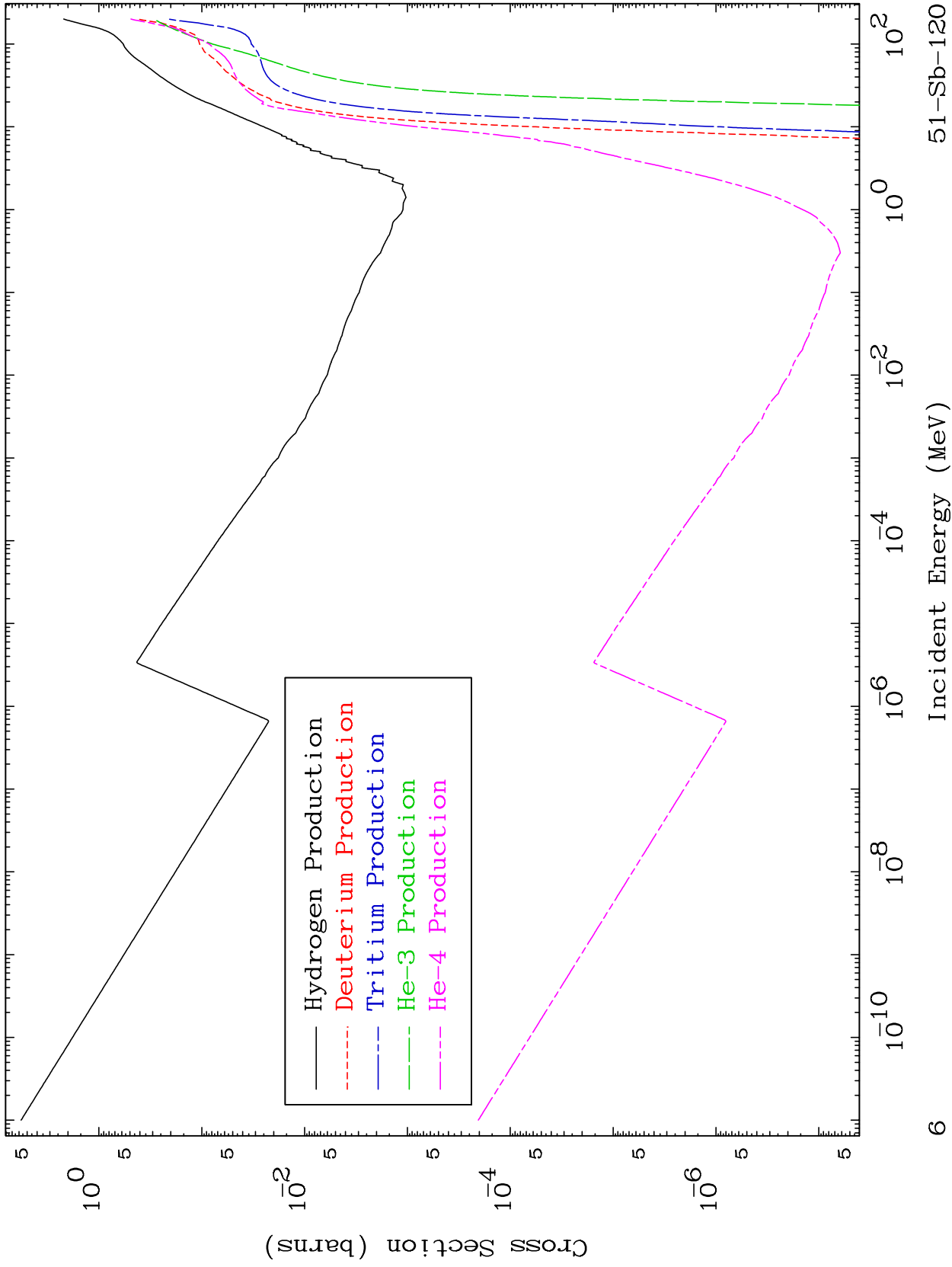


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Particle Production
293 Kelvin Cross Sections

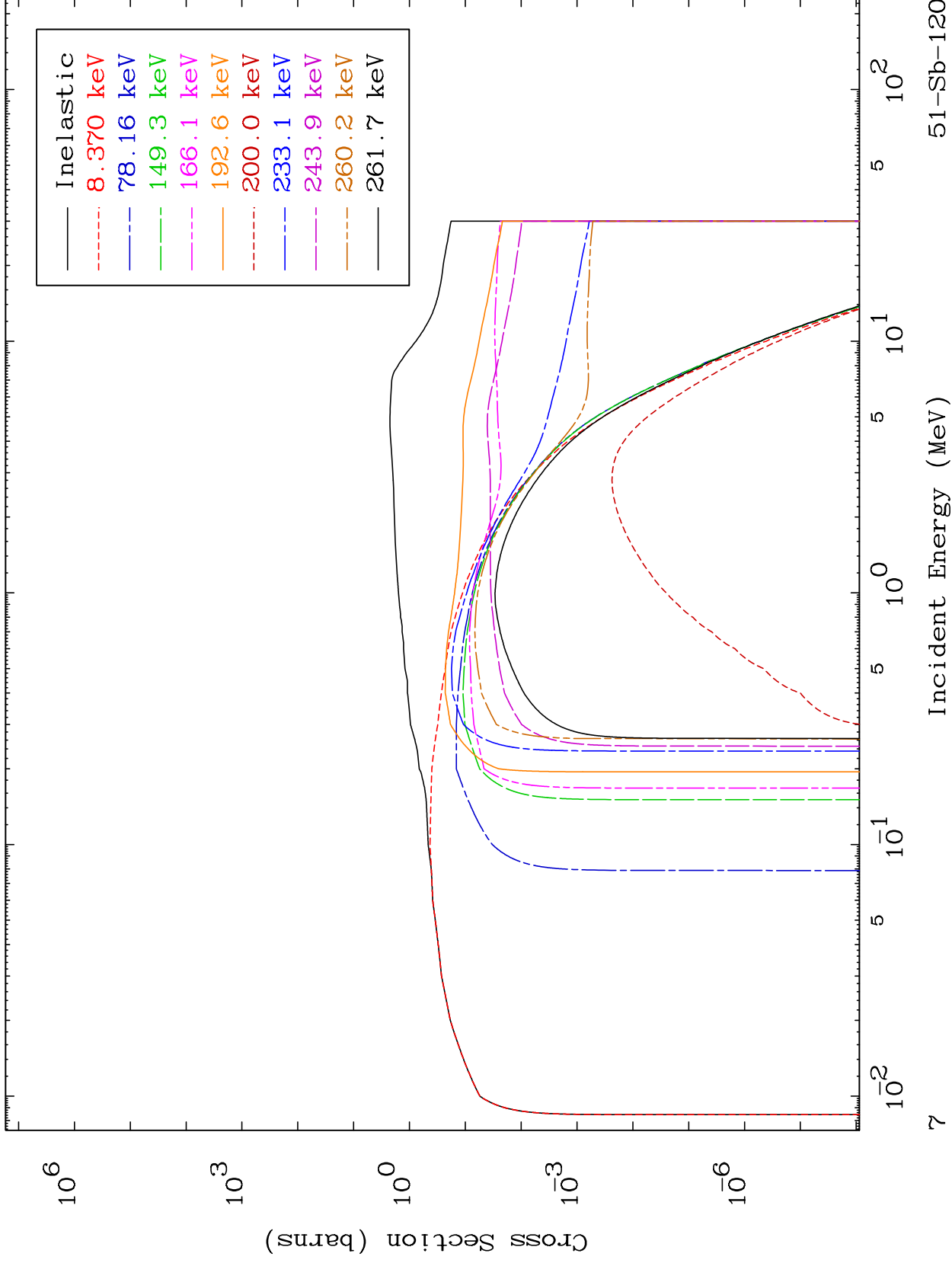
51-Sb-120



MAT 5122

(n,n') Level
293 Kelvin Cross Sections

51-Sb-120



51-Sb-120

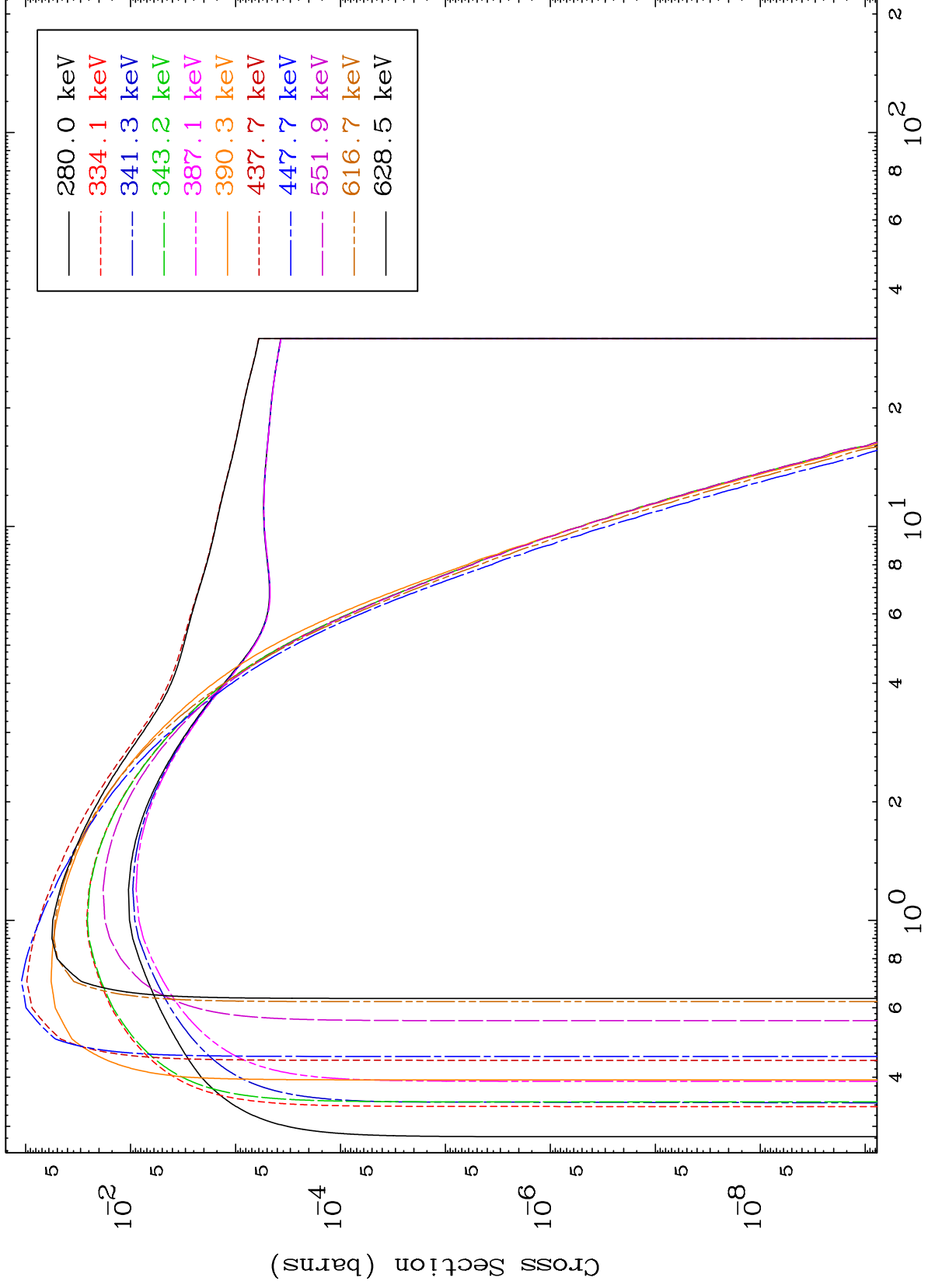
Incident Energy (MeV)

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MAT 5122

(n,n') Level
293 Kelvin Cross Sections

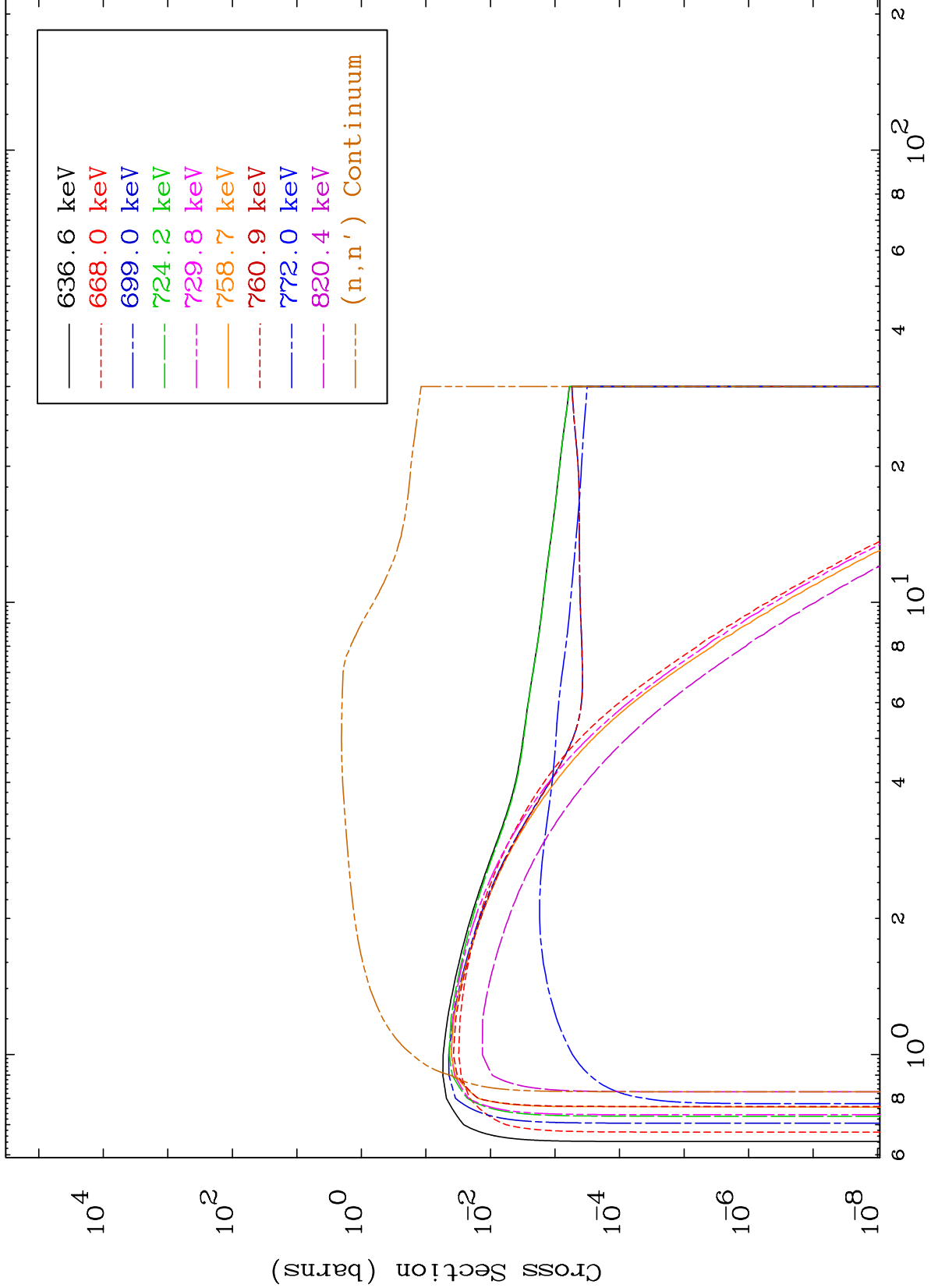
51-Sb-120



8

Incident Energy (MeV)

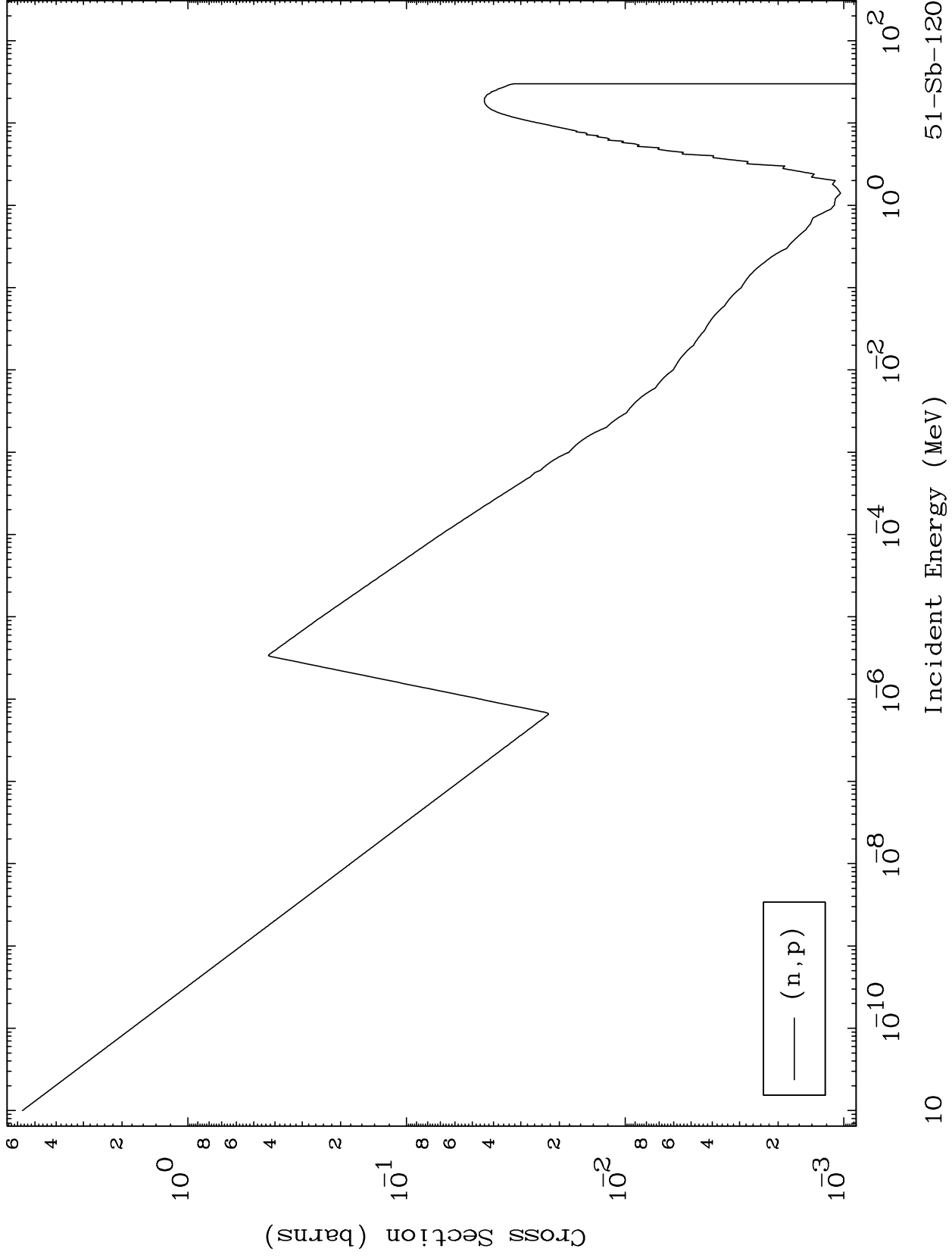
51-Sb-120



MAT 5122

(n,p) Levels
293 Kelvin Cross Sections

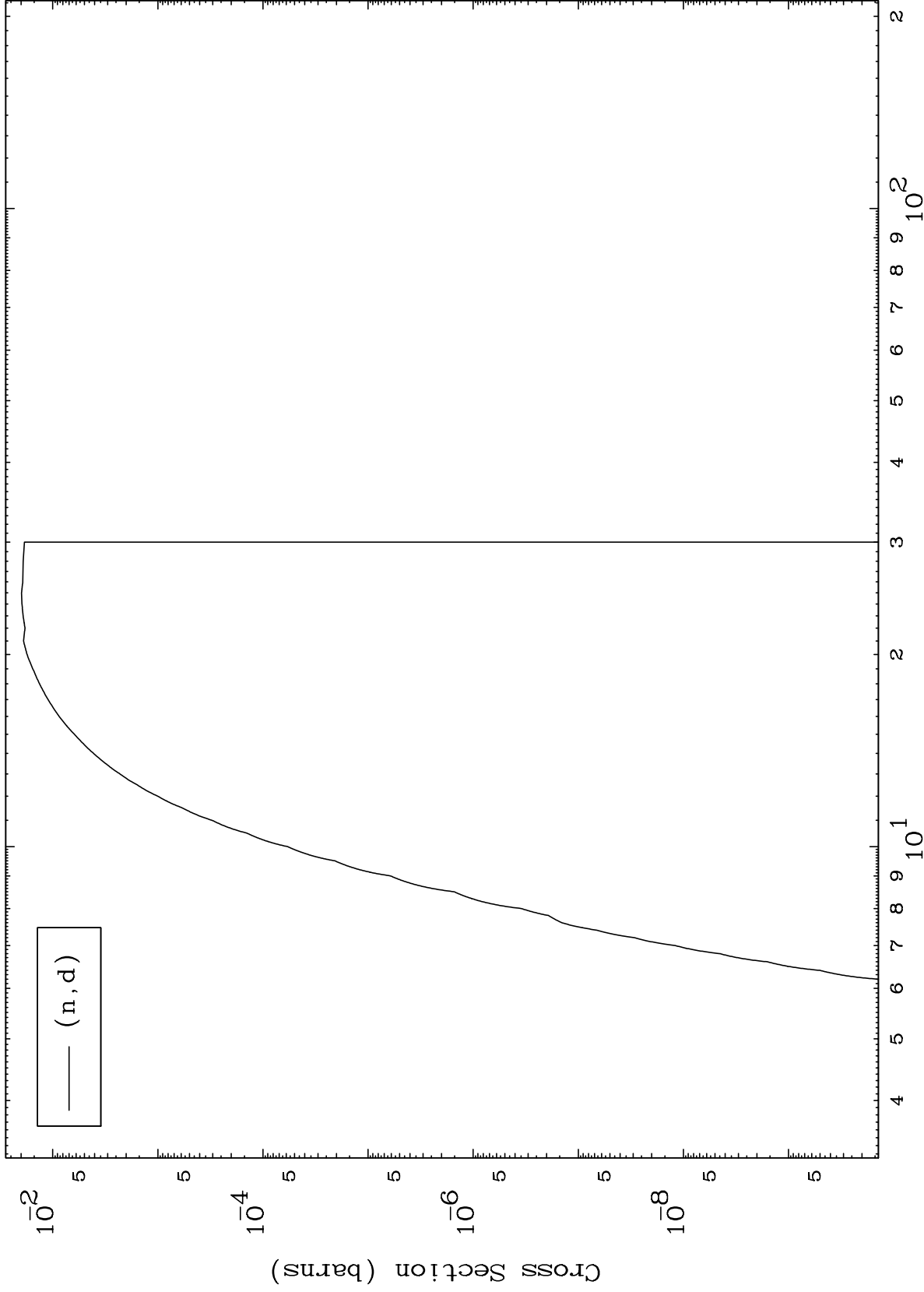
51-Sb-120



MAT 5122

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-120



11

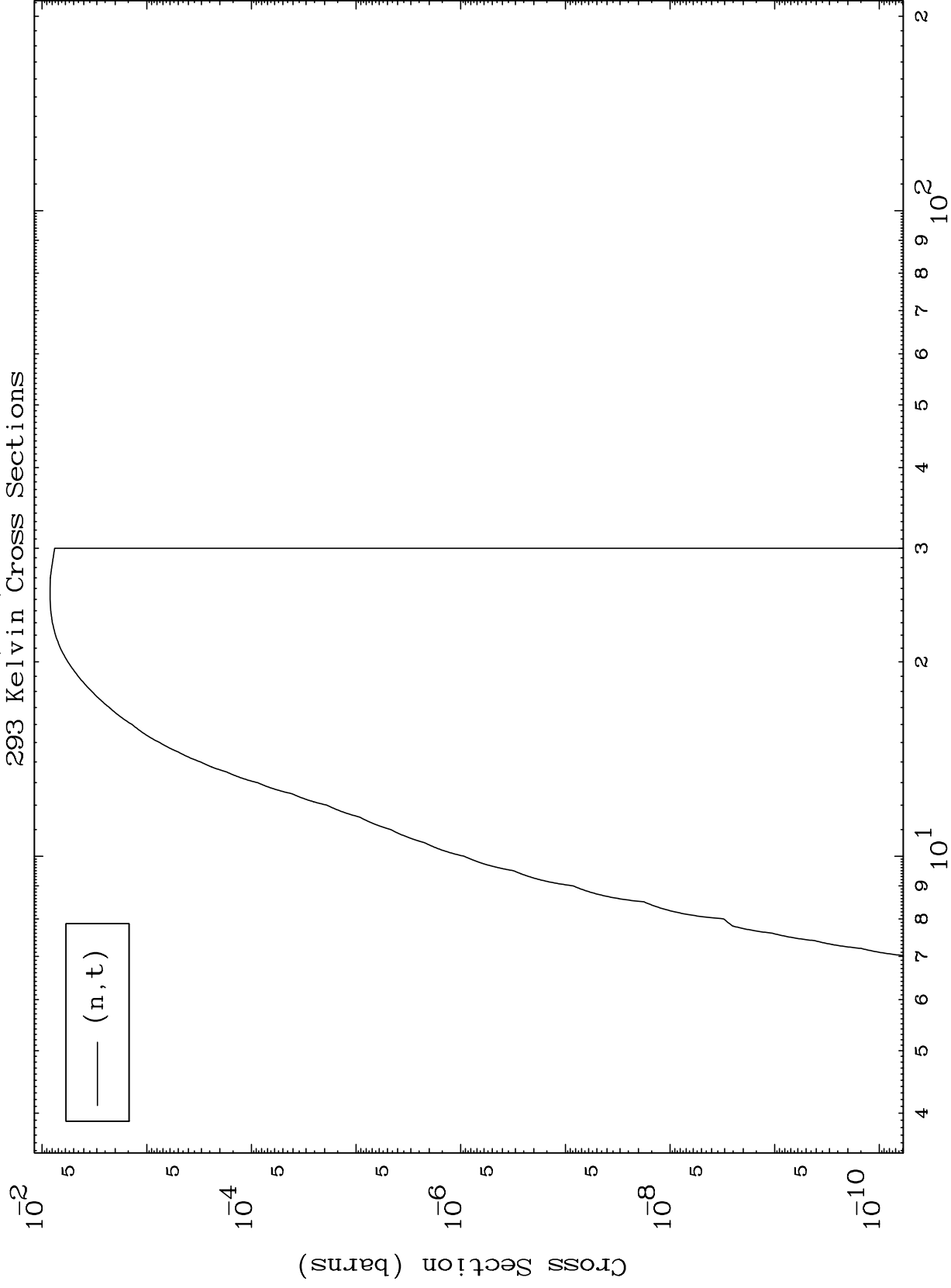
Incident Energy (MeV)

51-Sb-120

MAT 5122

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-120



12

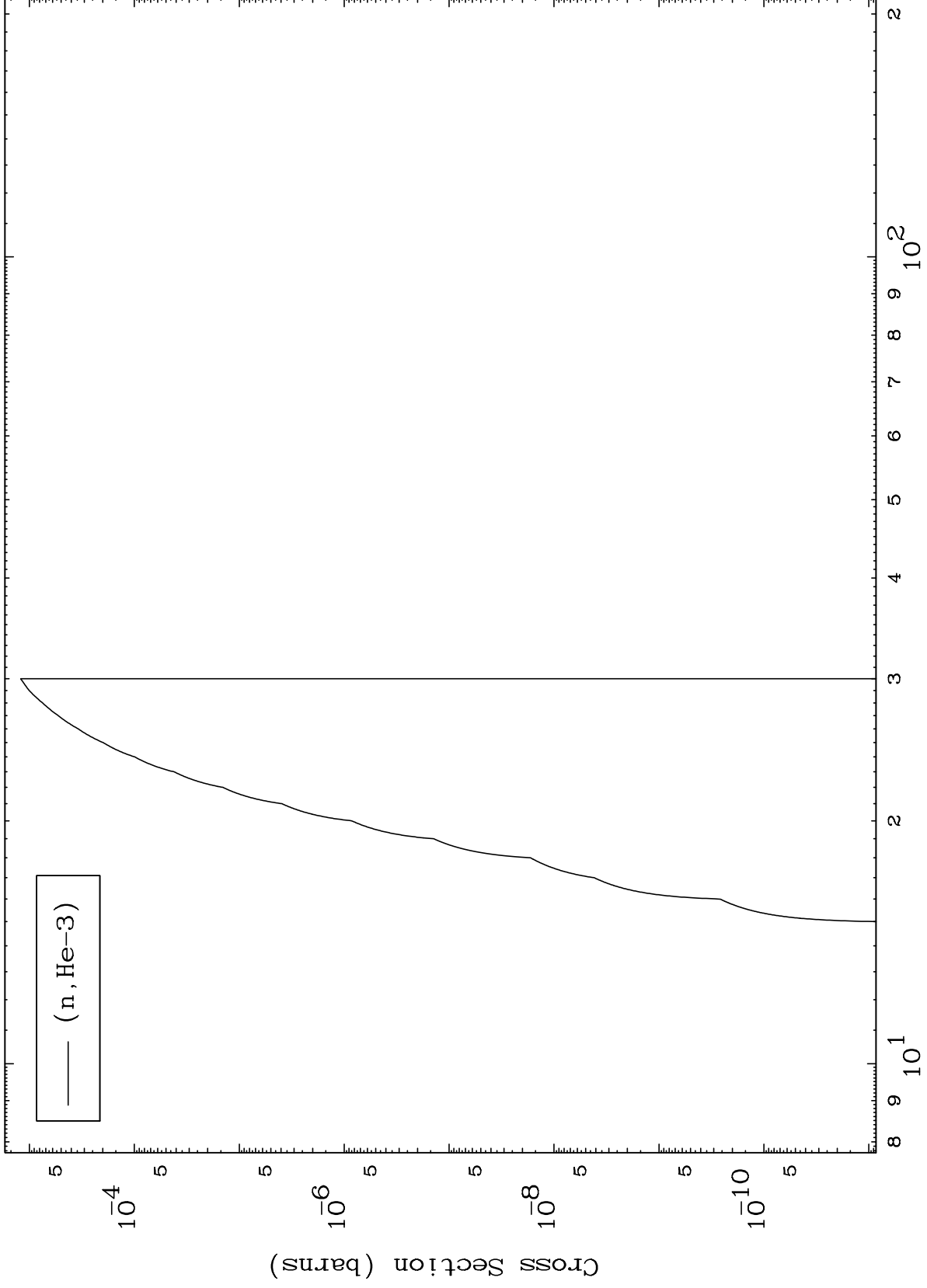
Incident Energy (MeV)

51-Sb-120

MAT 5122

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-120



13

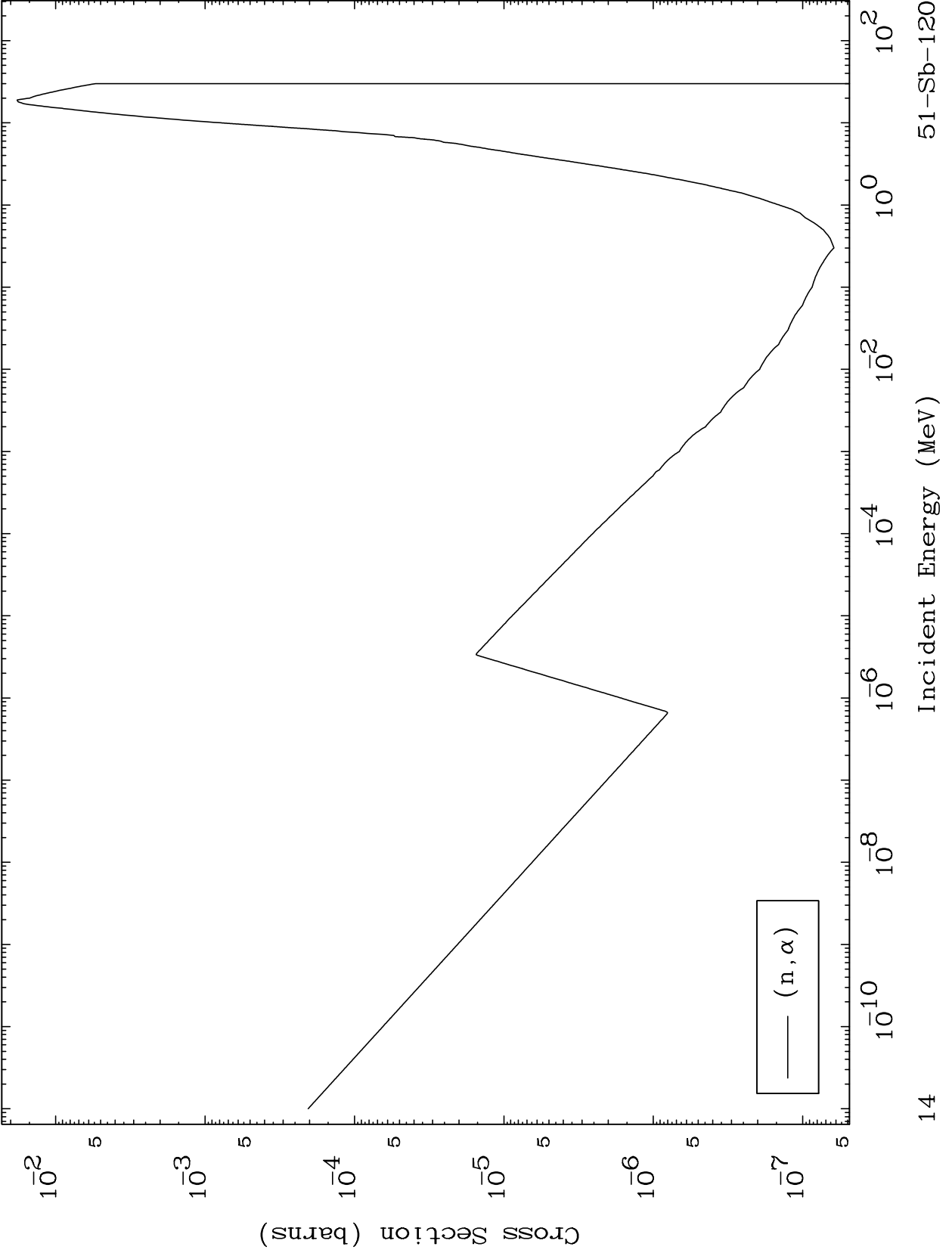
Incident Energy (MeV)

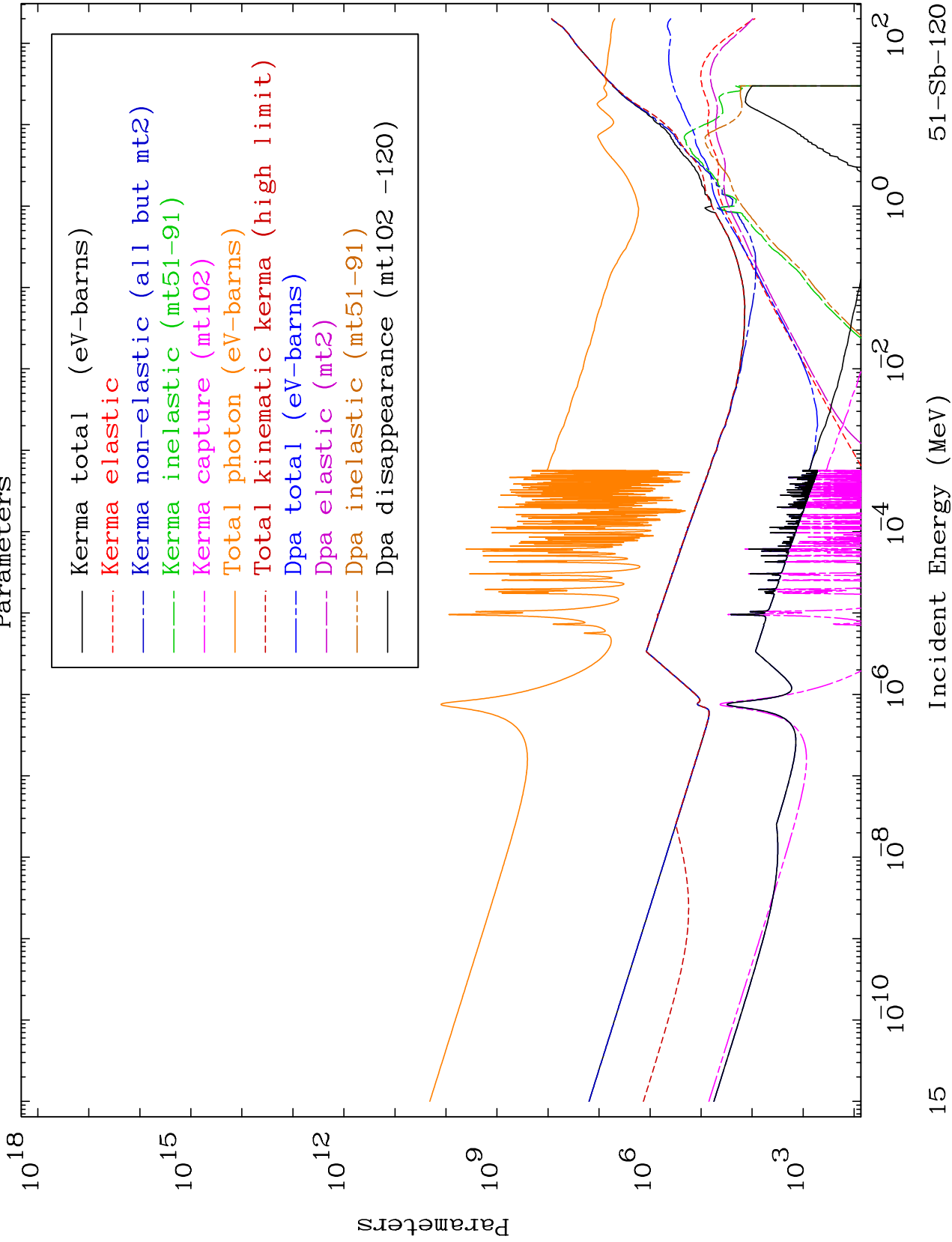
51-Sb-120

MAT 5122

(n,α) Levels
293 Kelvin Cross Sections

51-Sb-120

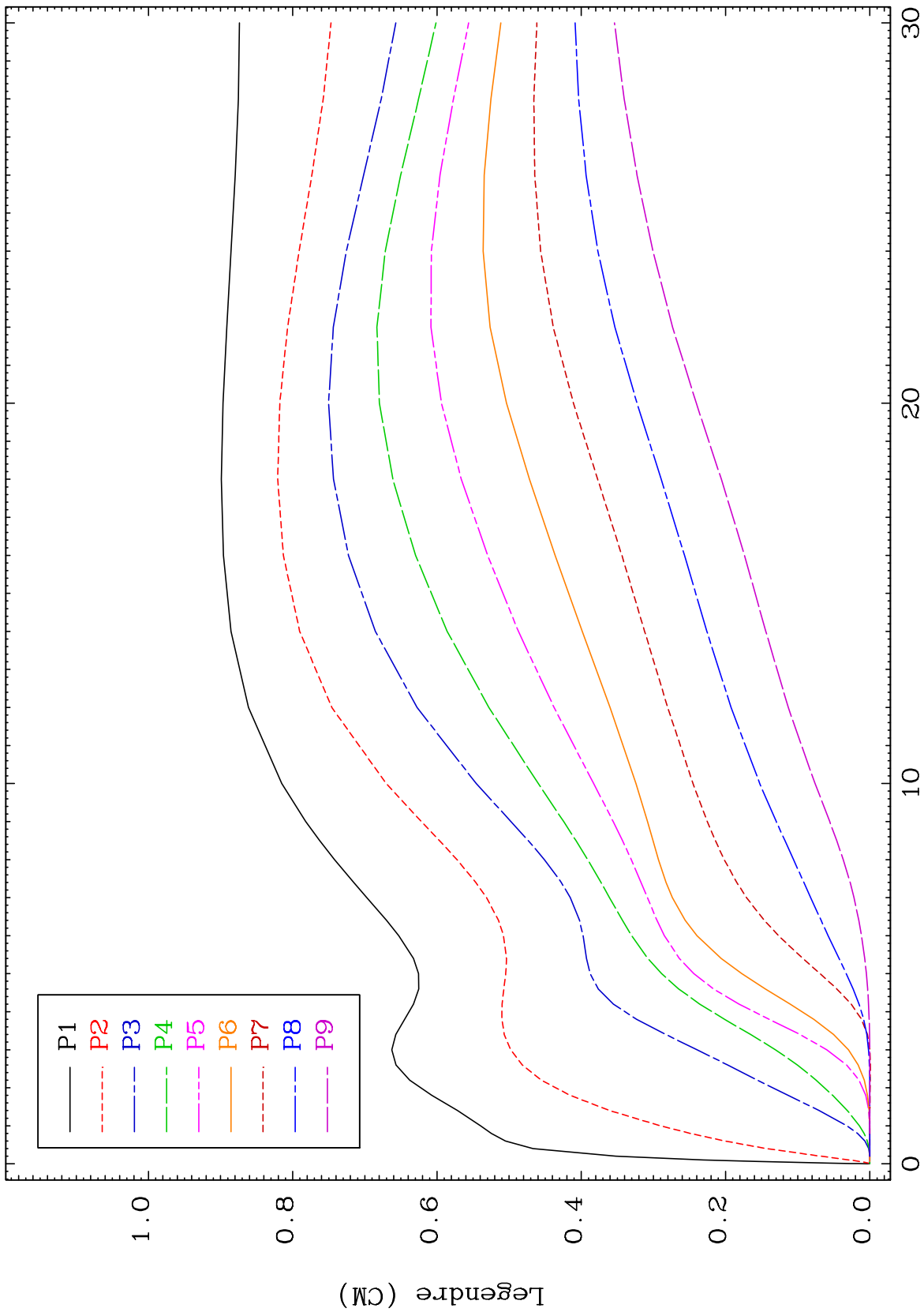




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Elastic Legendre Coefficients

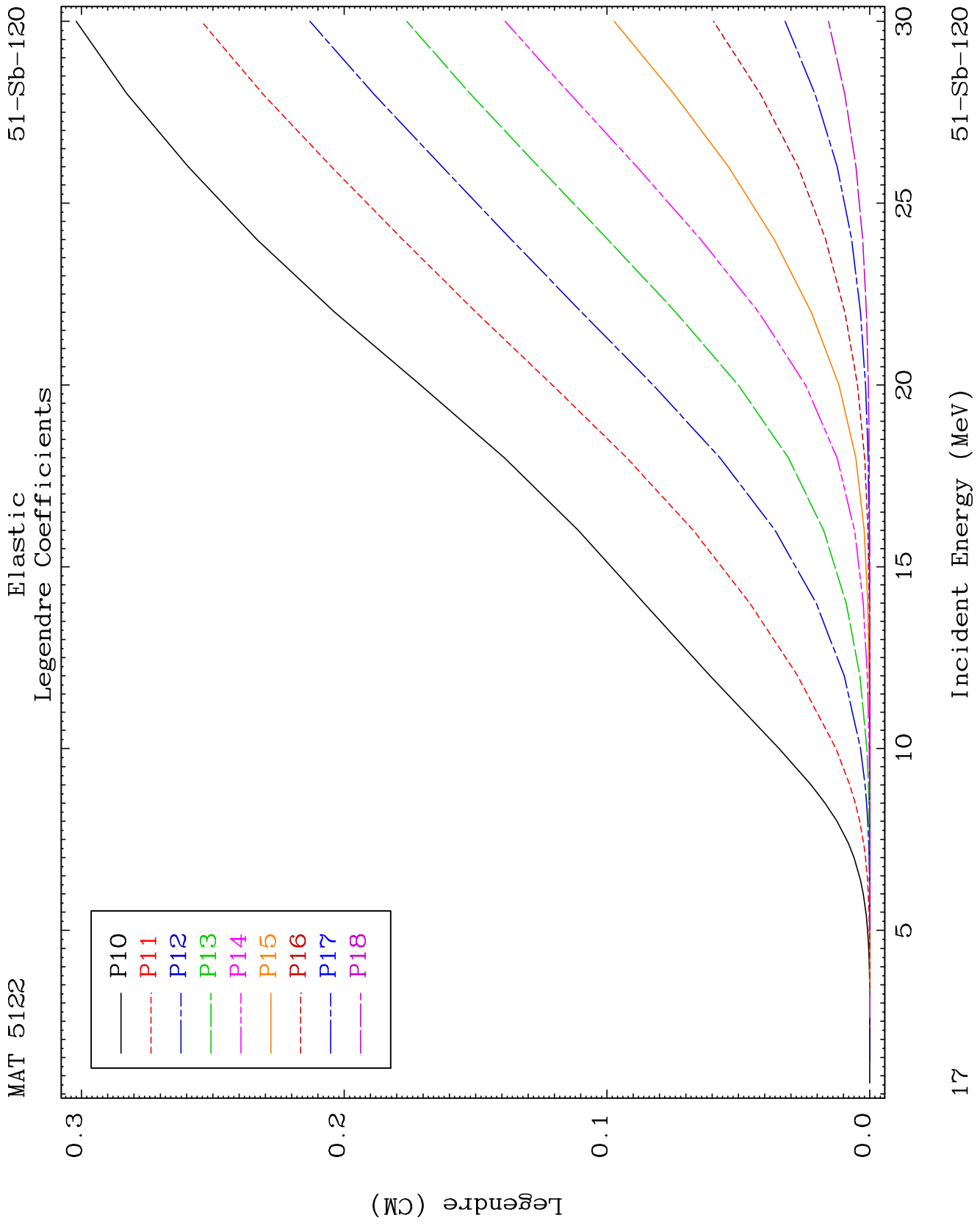
51-Sb-120



16

Incident Energy (MeV)

51-Sb-120



MAT 5122

Elastic Legendre Coefficients

$^{51}\text{Sb-120}$

17

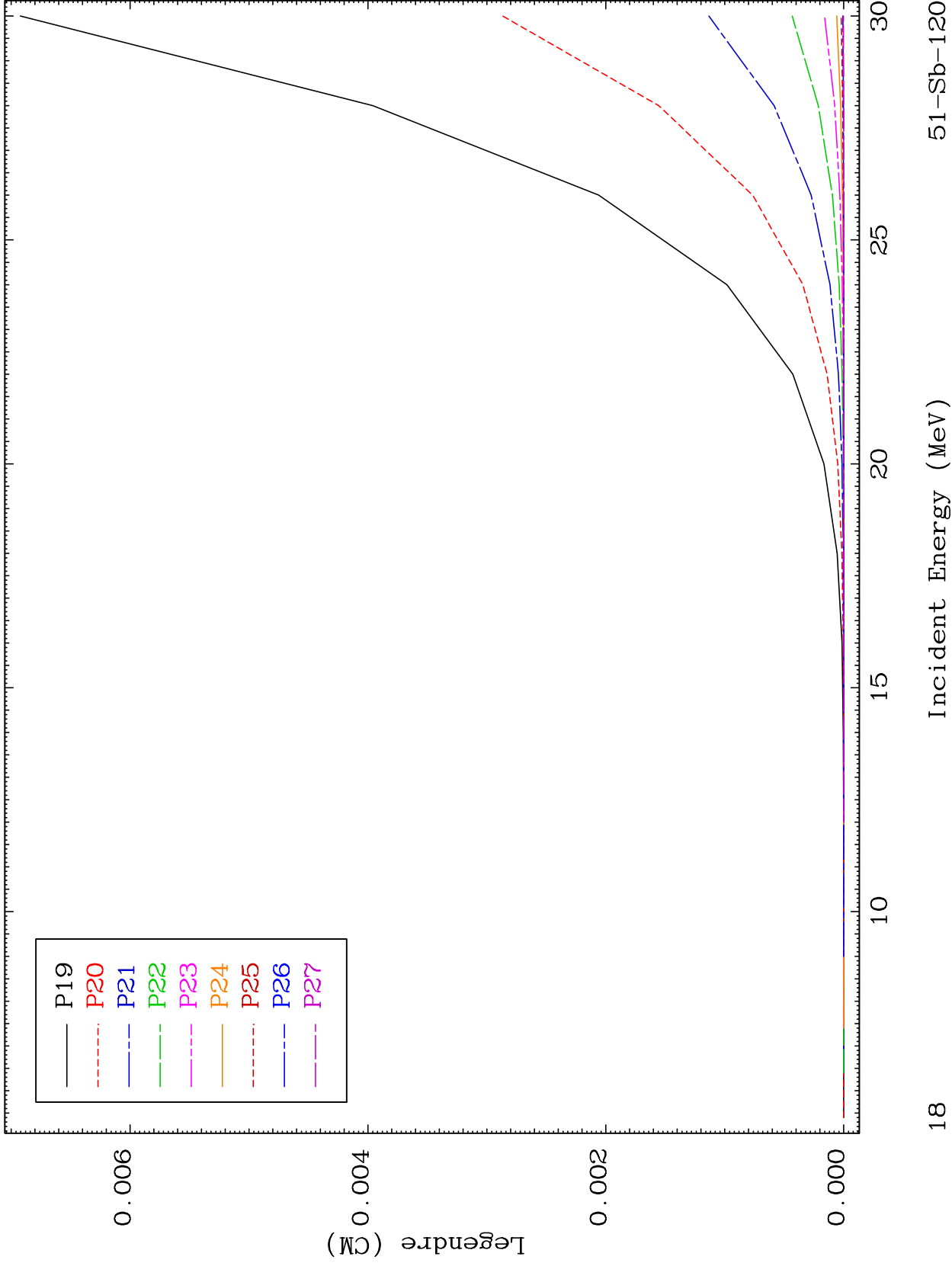
Incident Energy (MeV)

$^{51}\text{Sb-120}$

MAT 5122

Elastic Legendre Coefficients

51-Sb-120



18

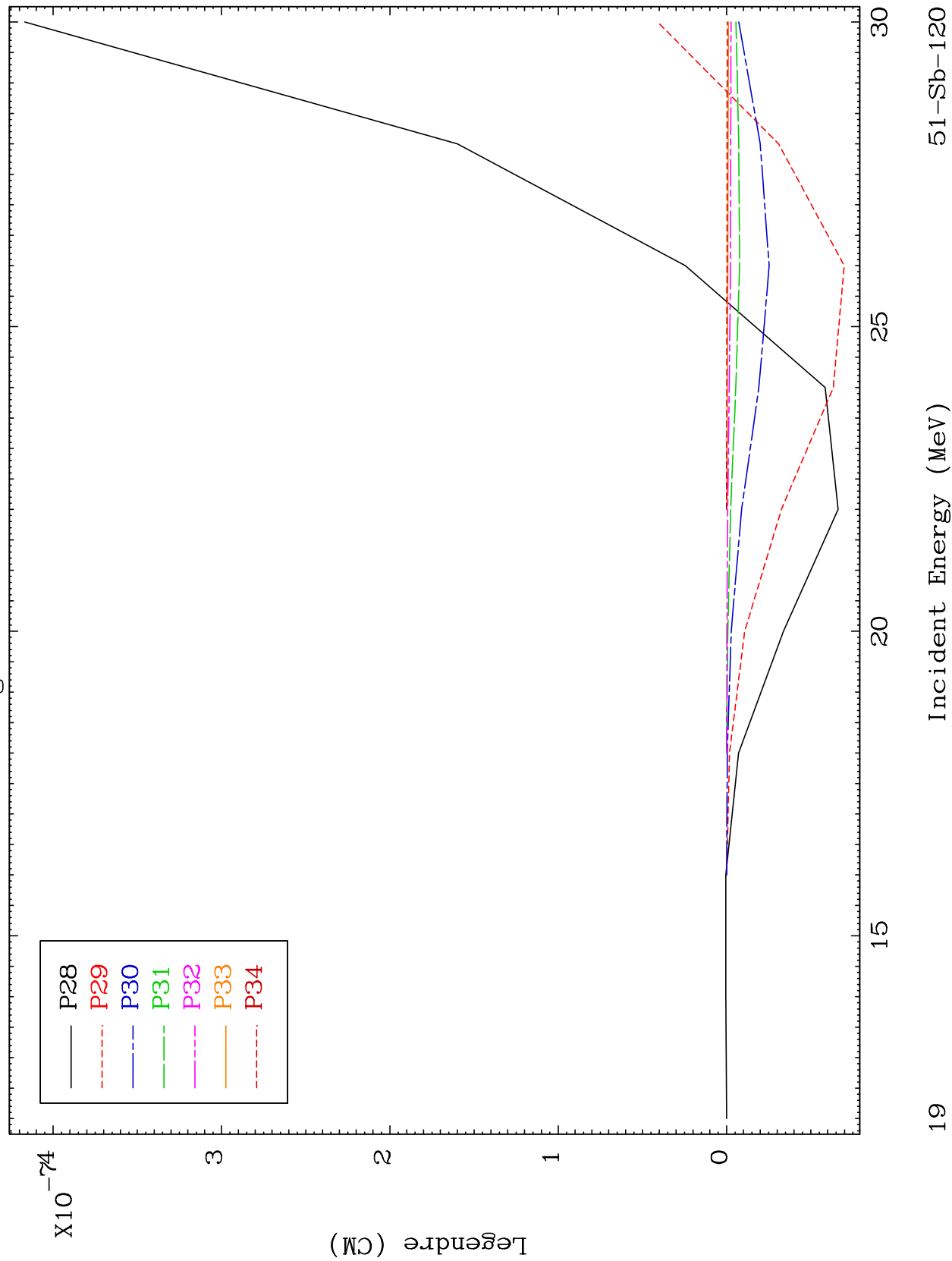
Incident Energy (MeV)

51-Sb-120

MAT 5122

Elastic Legendre Coefficients

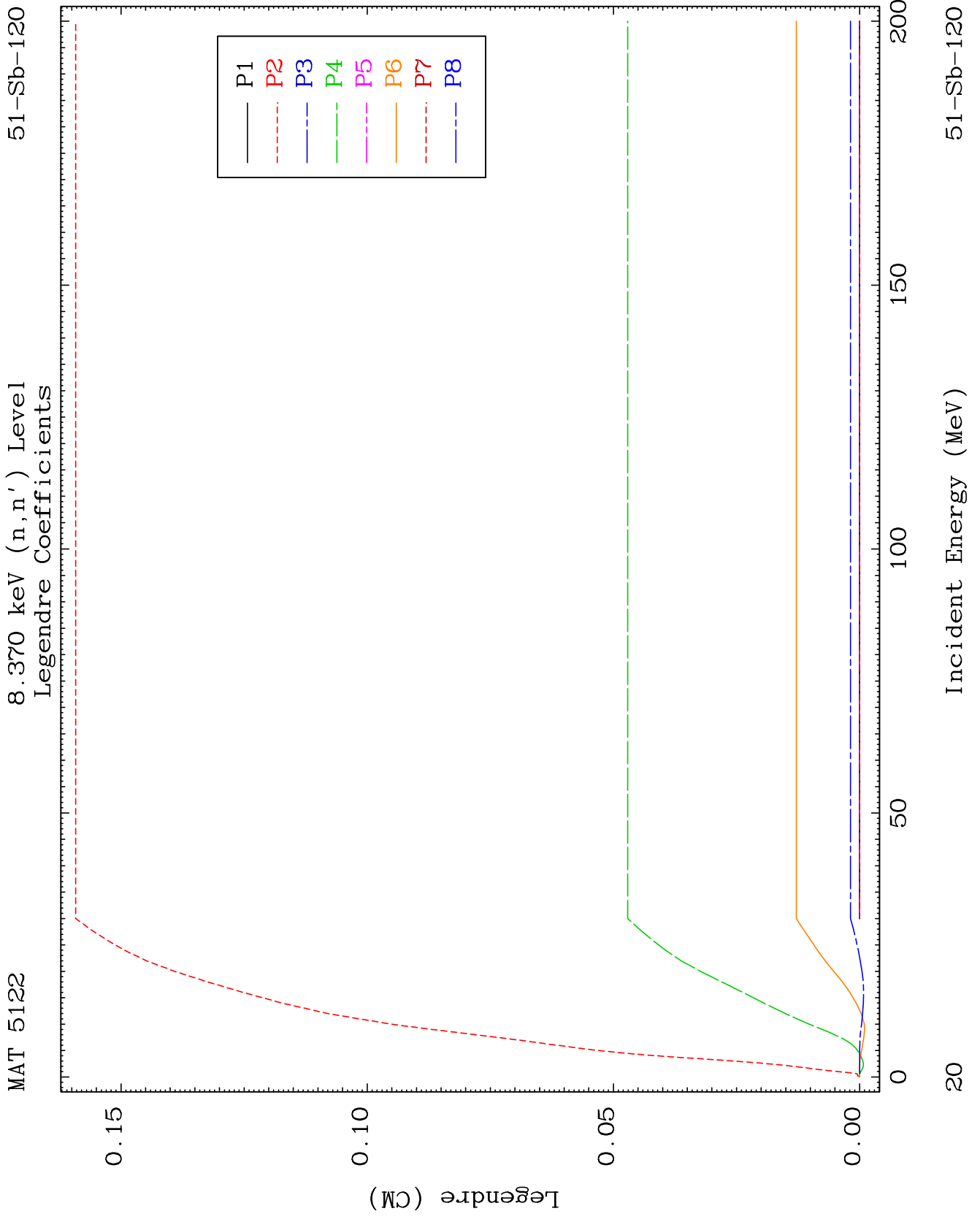
51-Sb-120

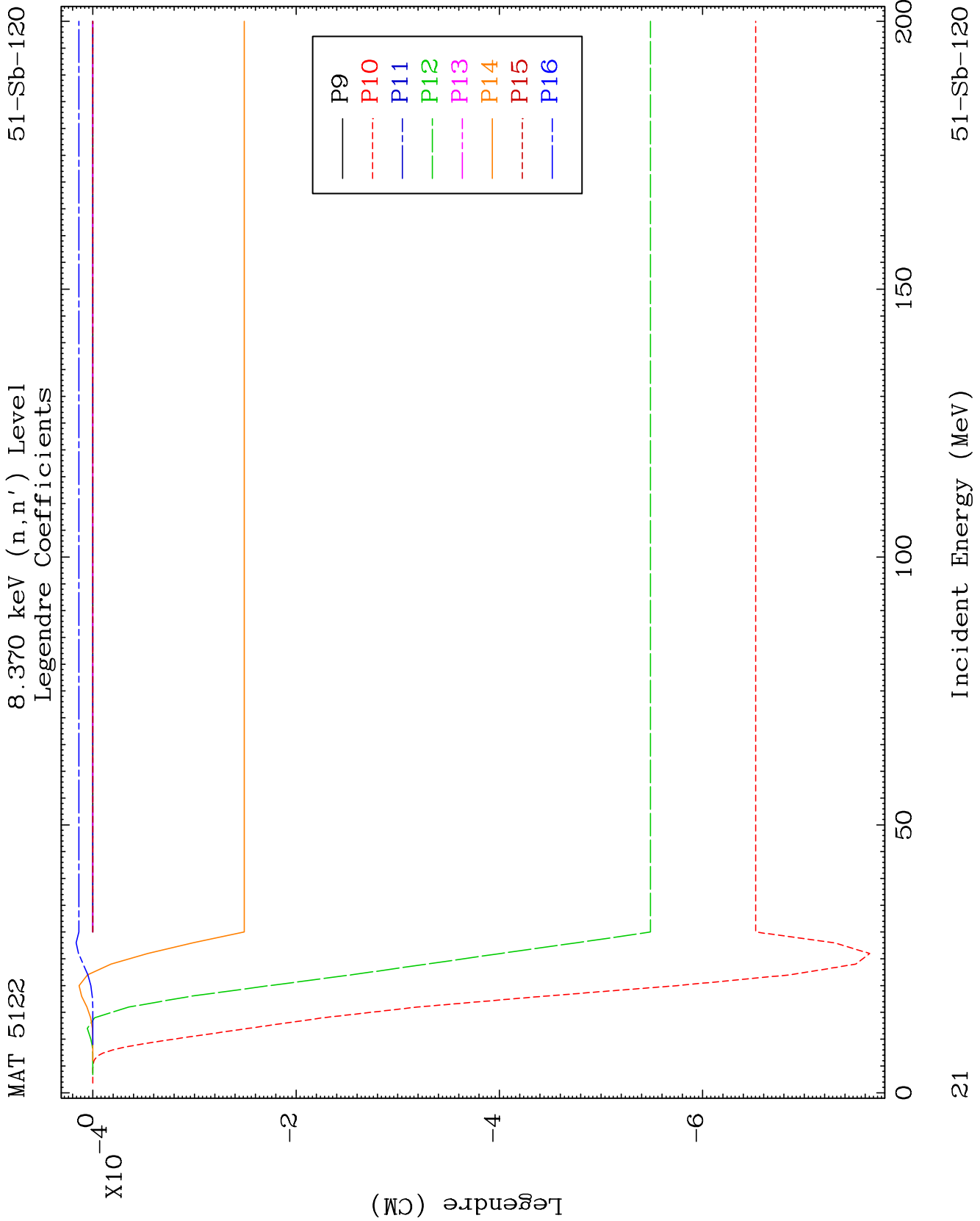


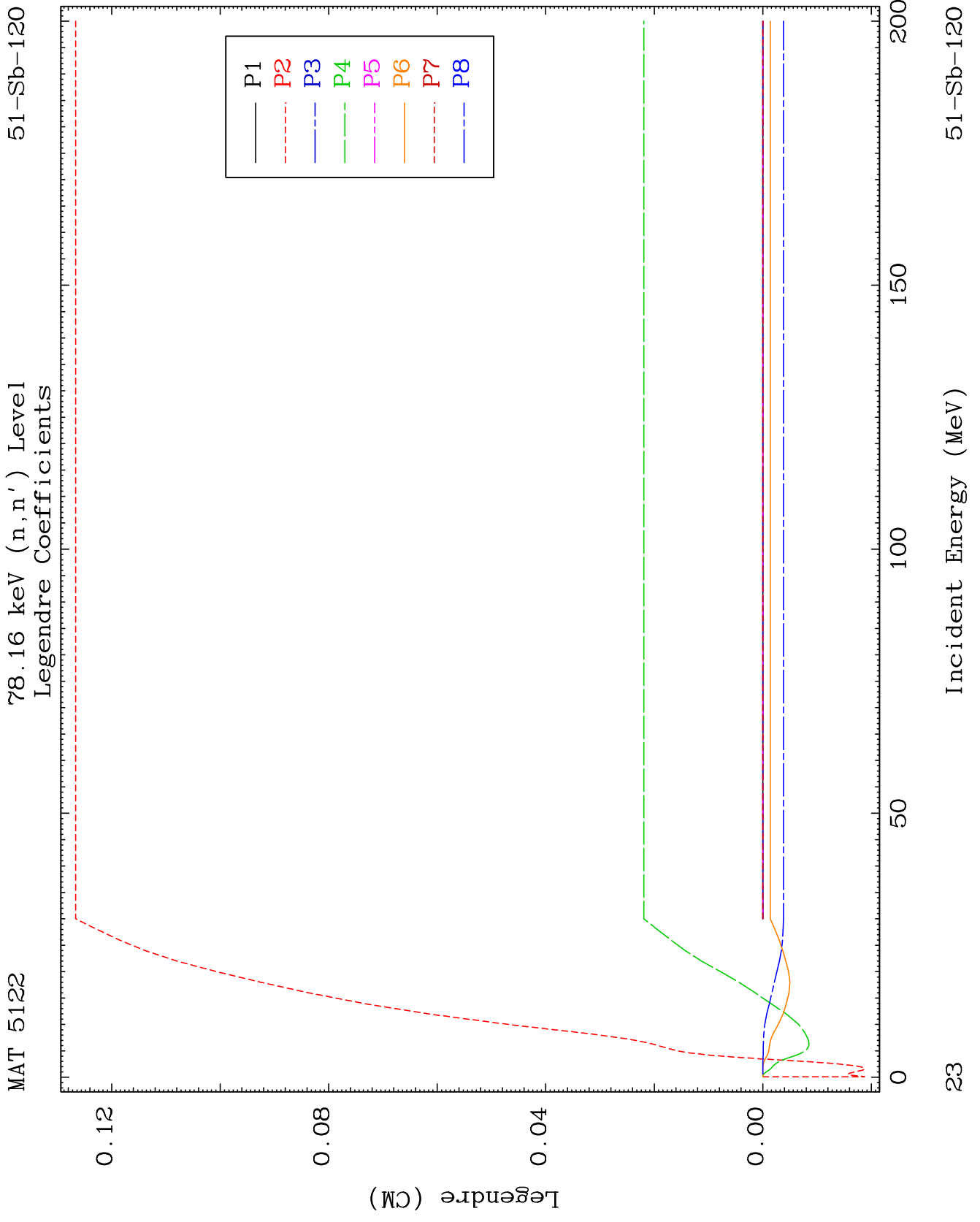
19

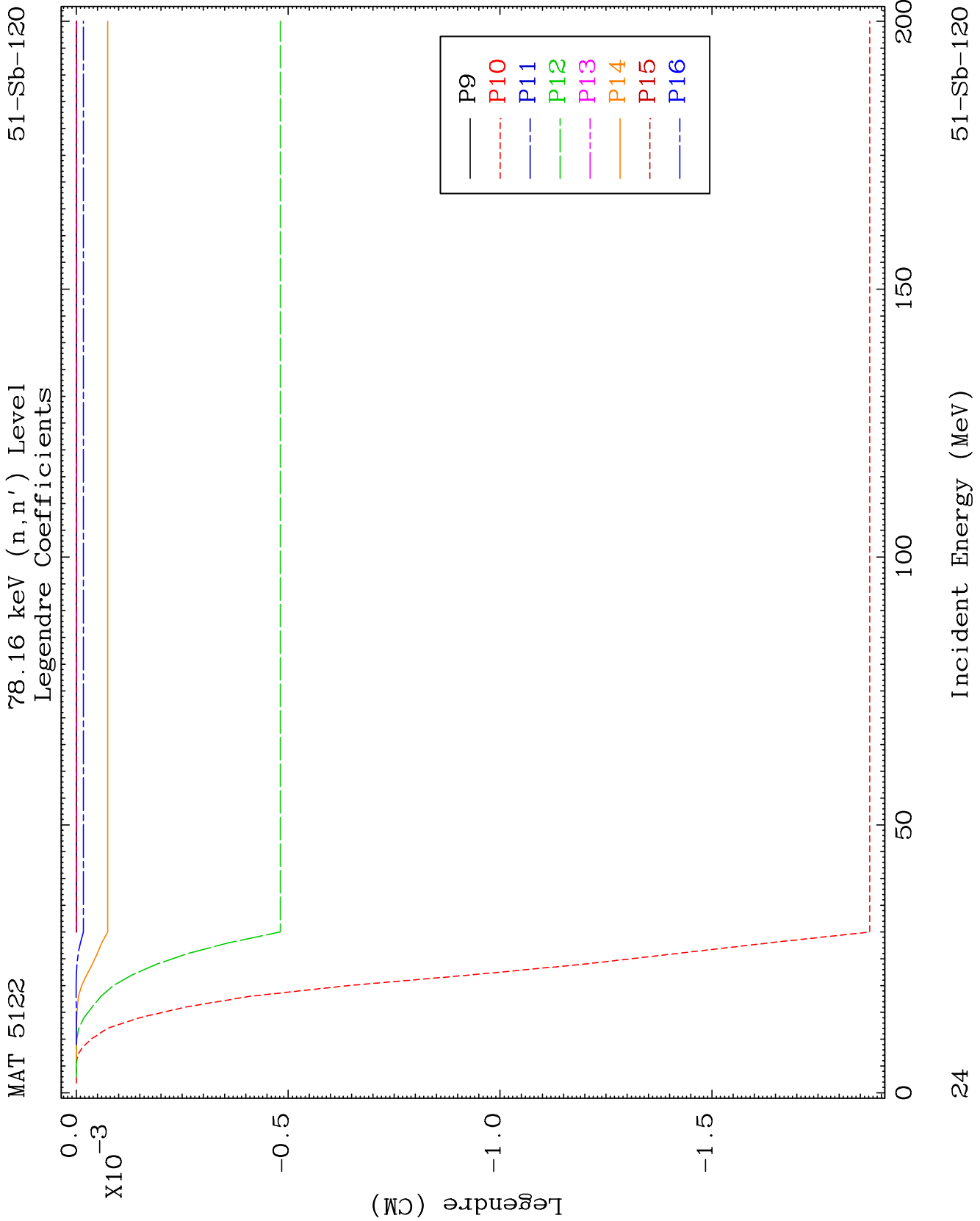
Incident Energy (MeV)

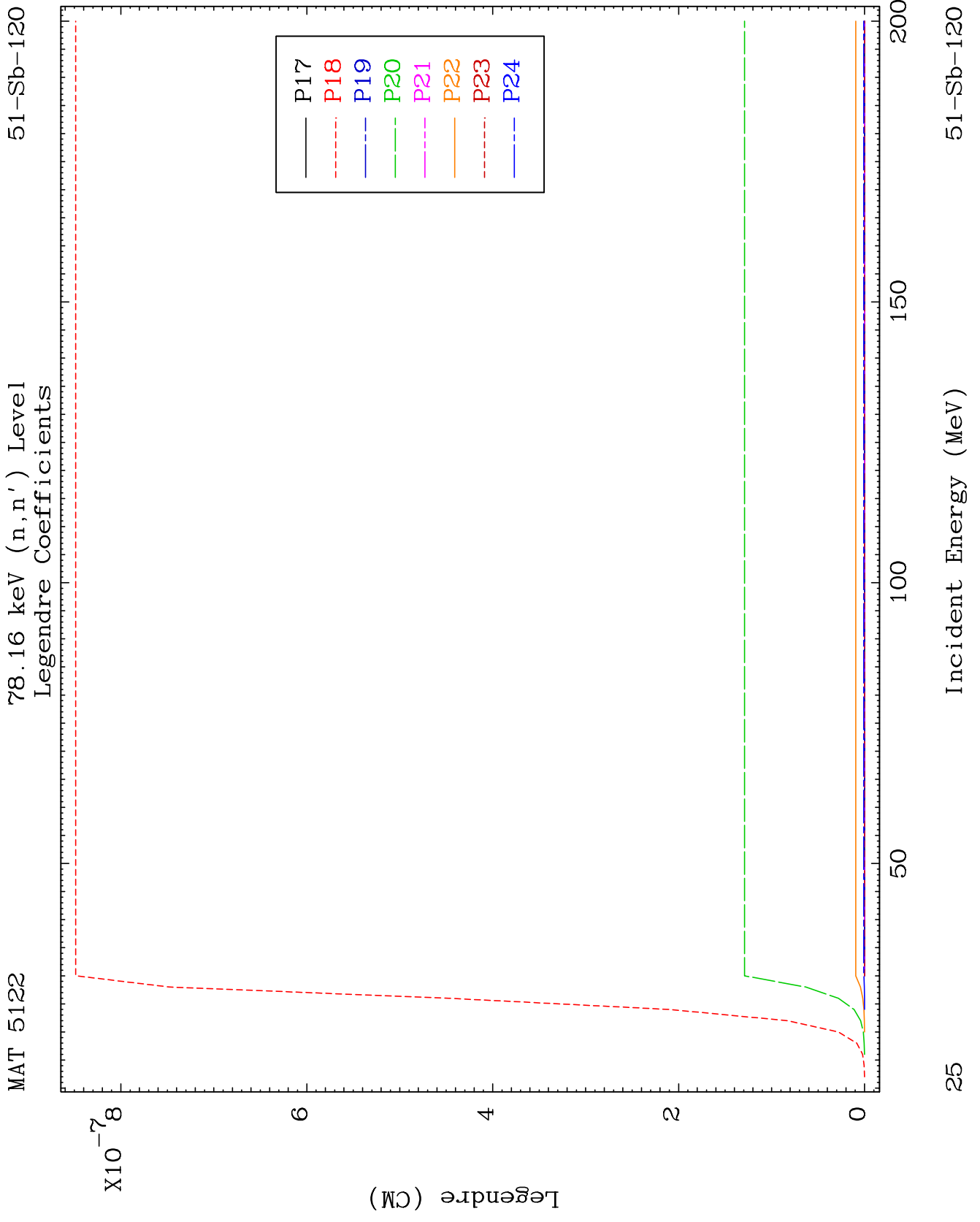
51-Sb-120

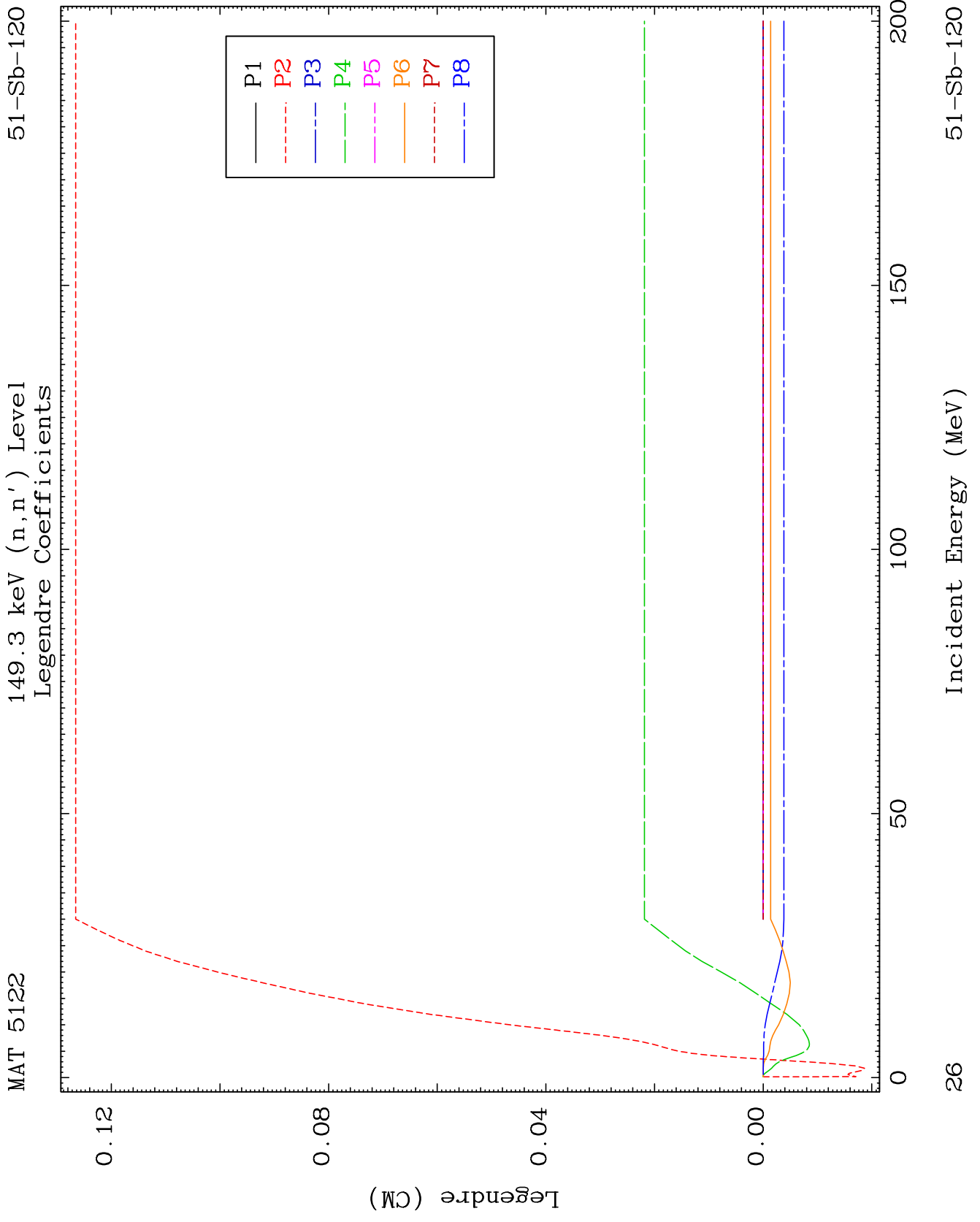


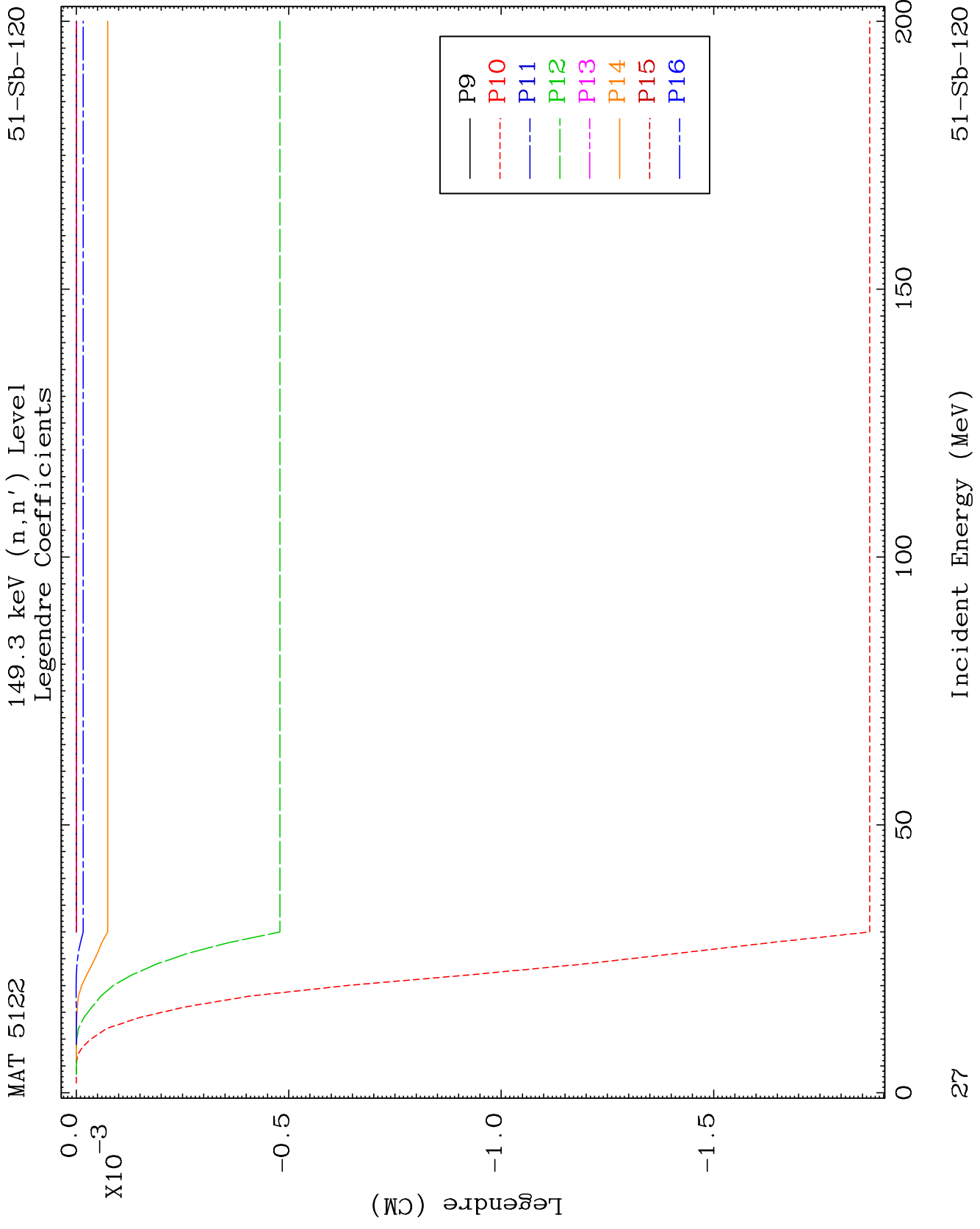


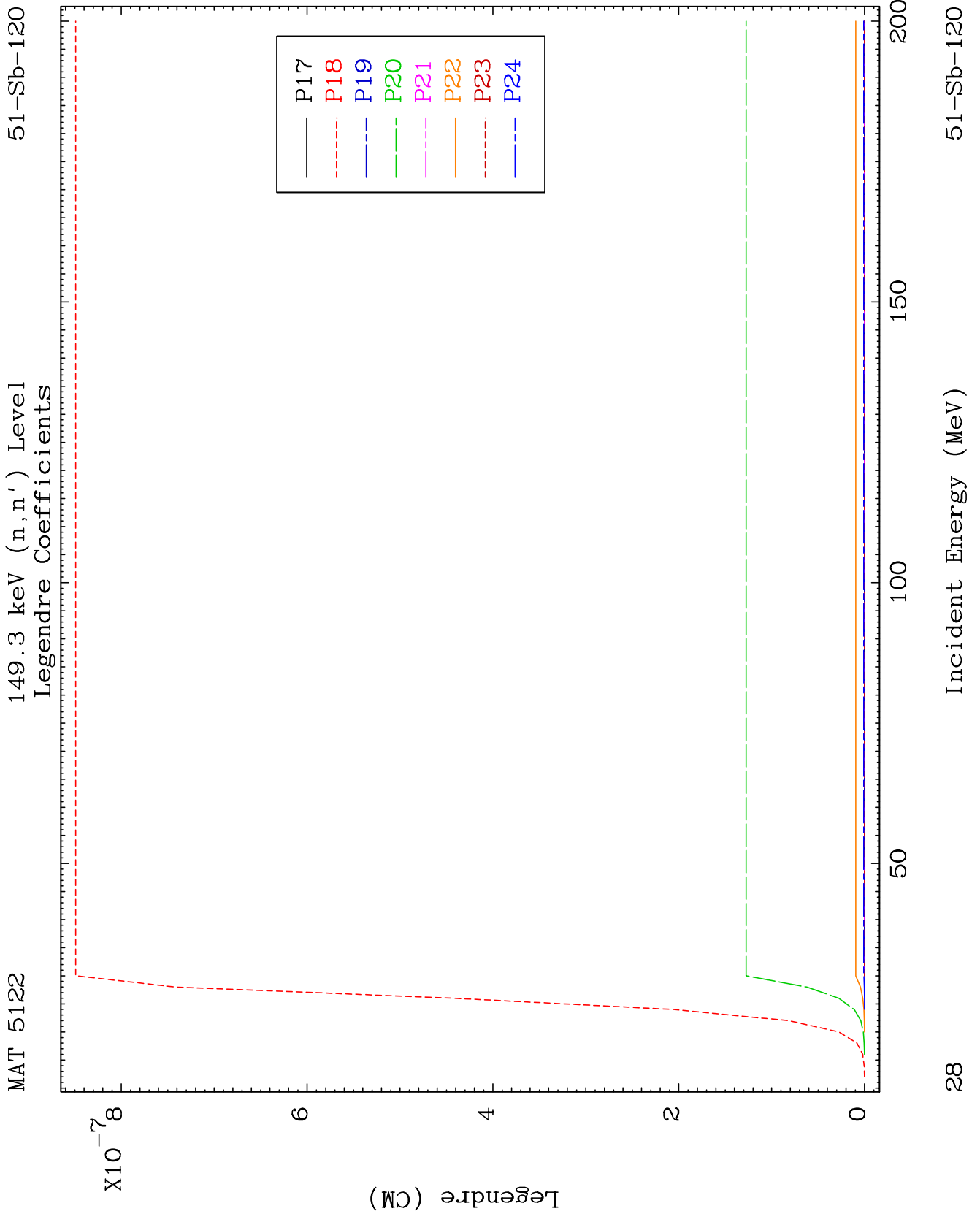


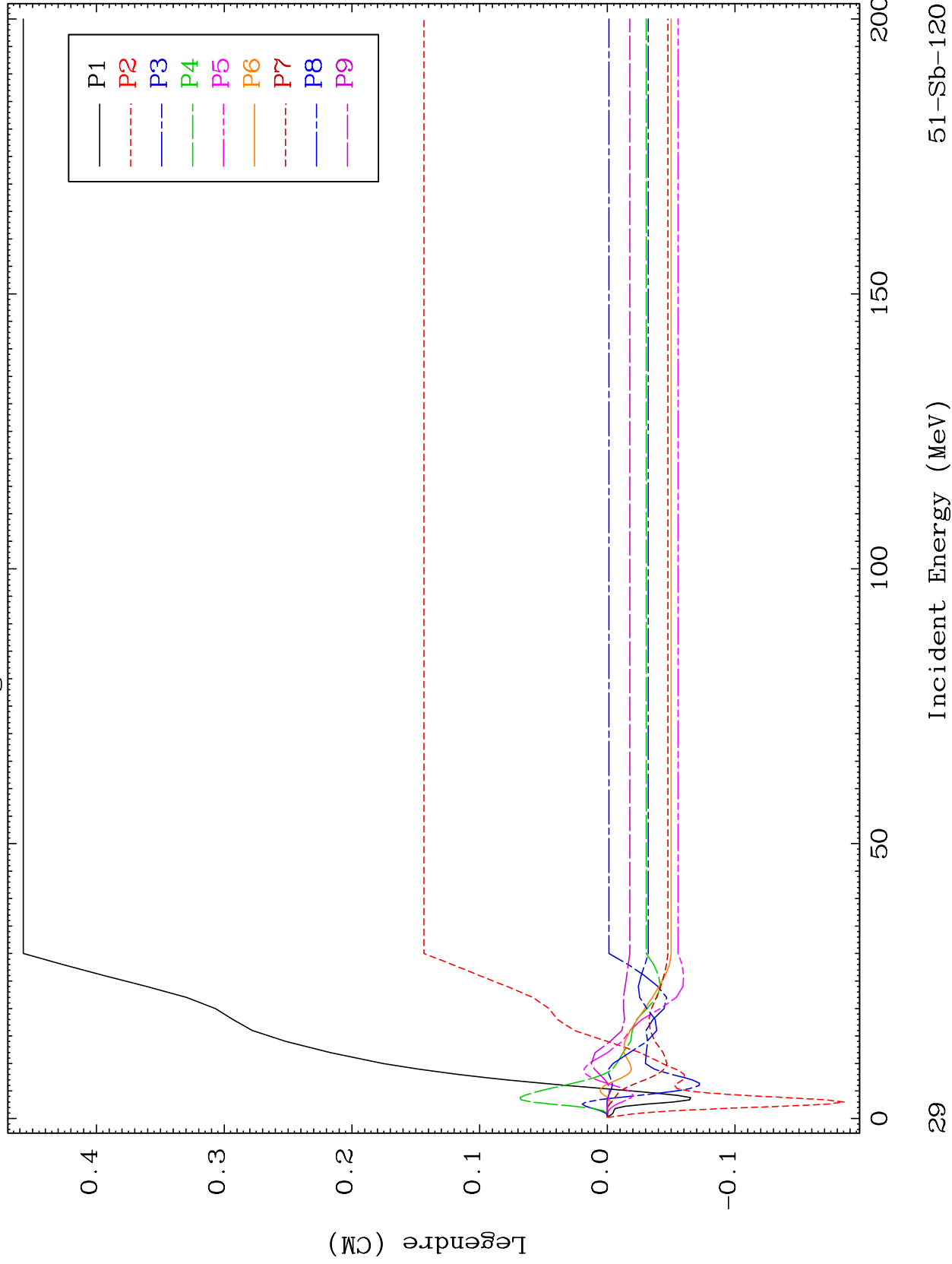


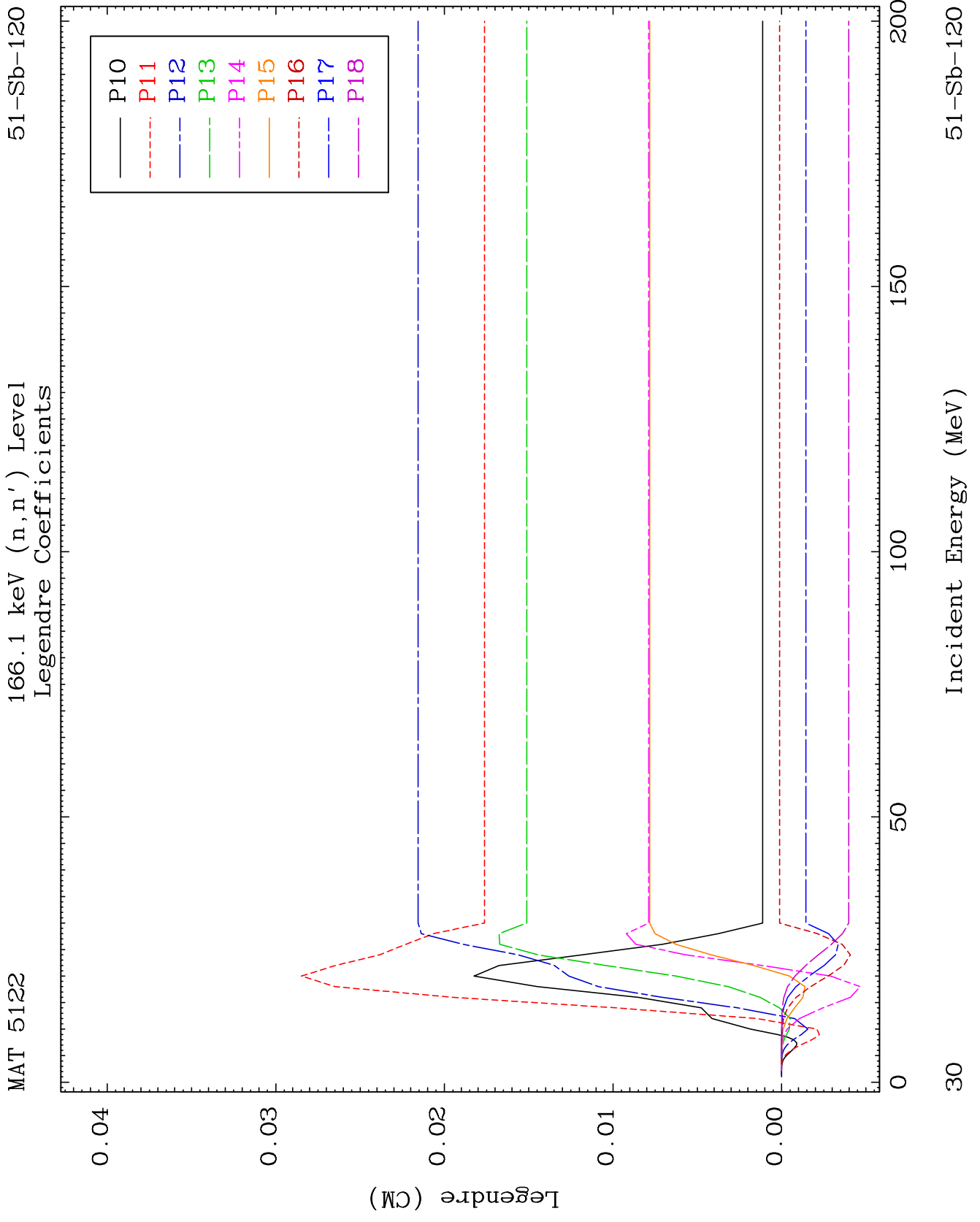


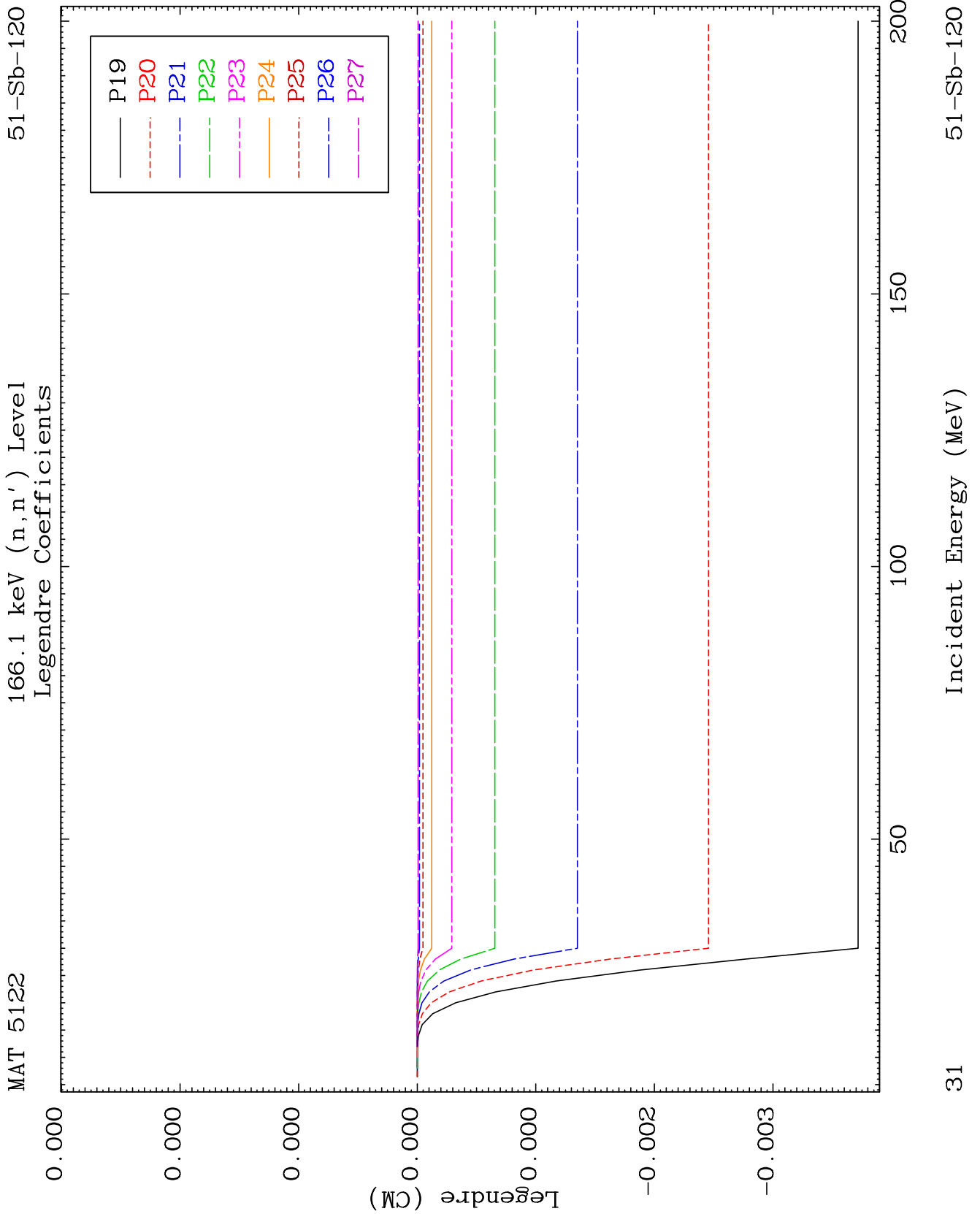


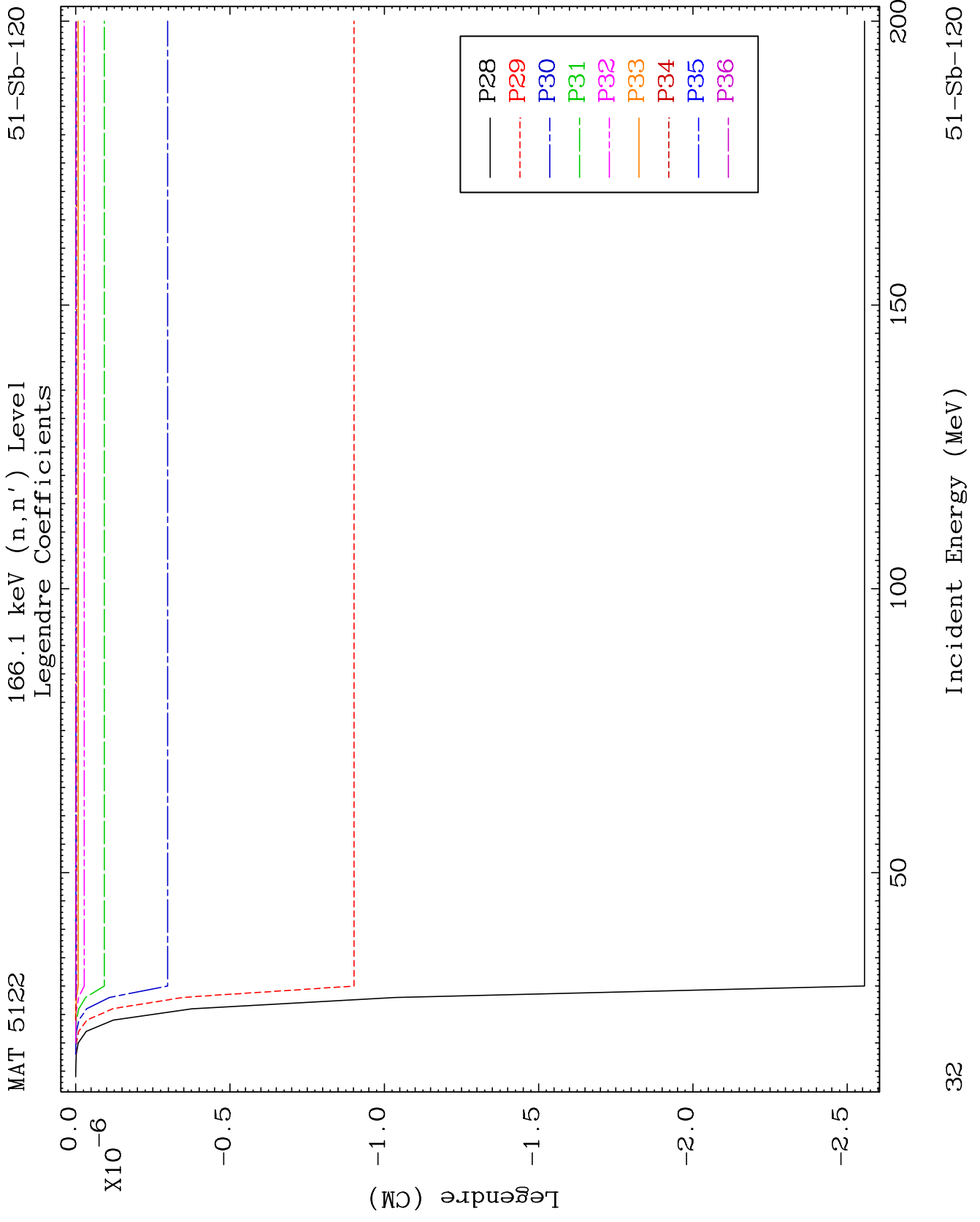








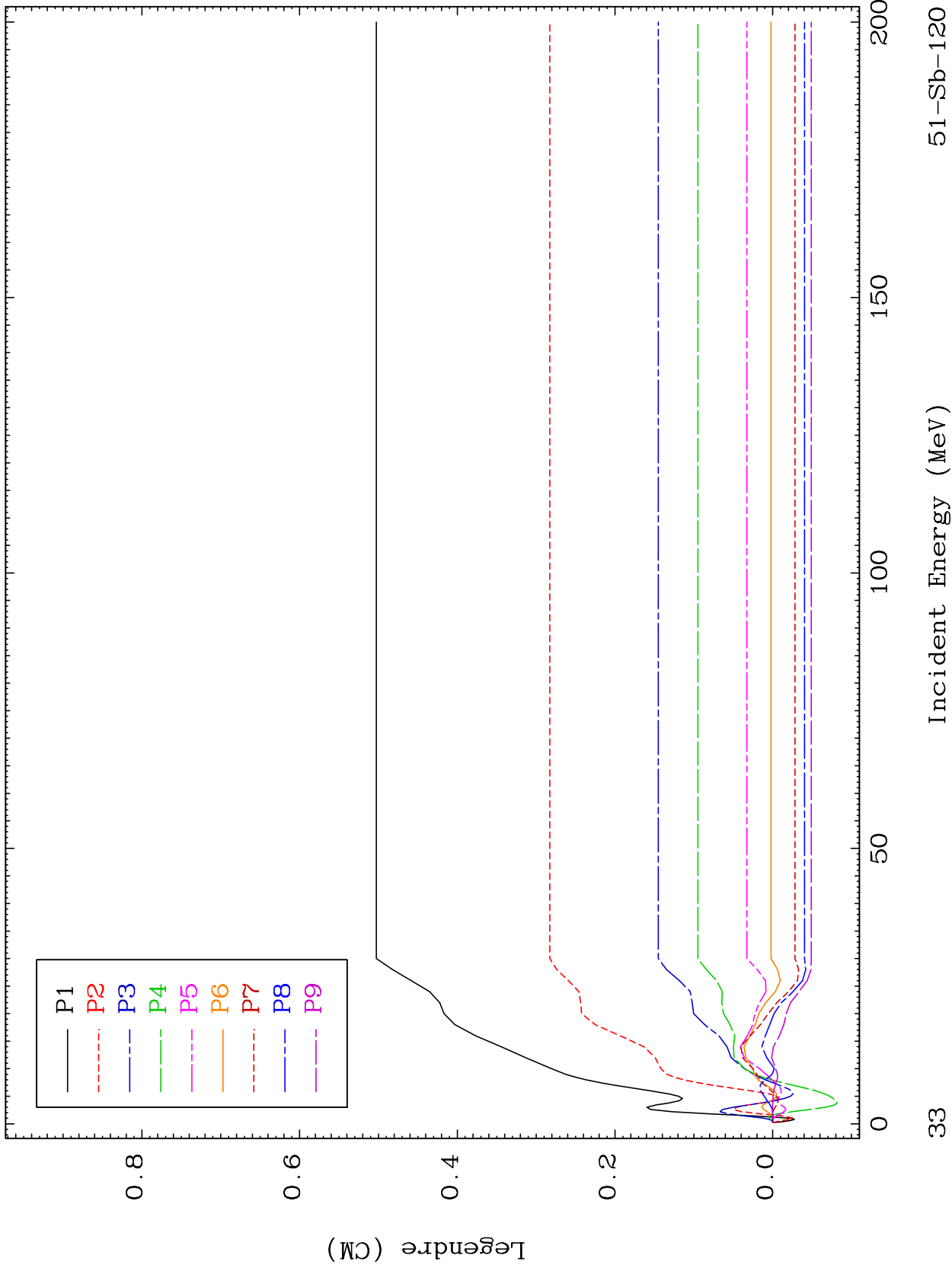


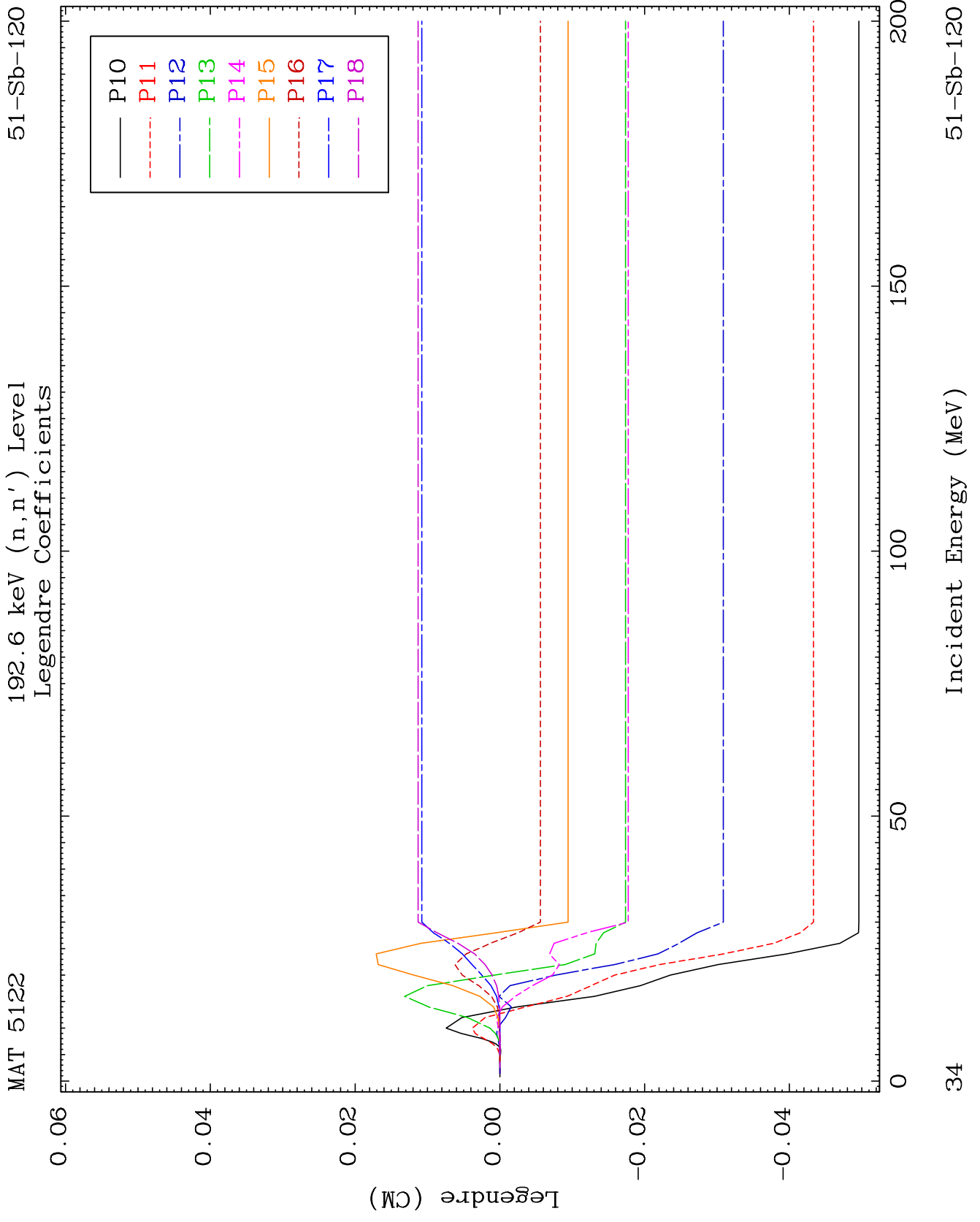


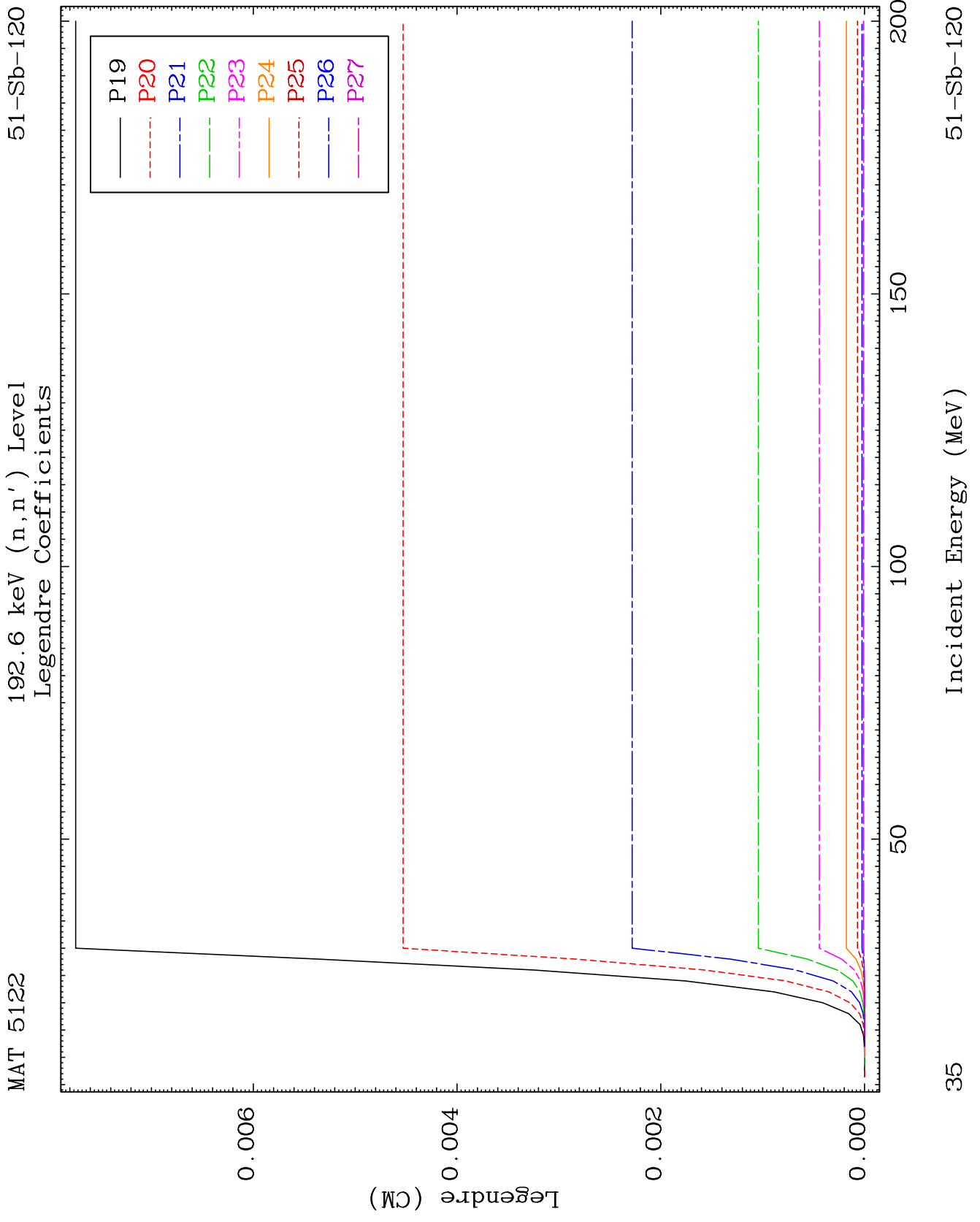
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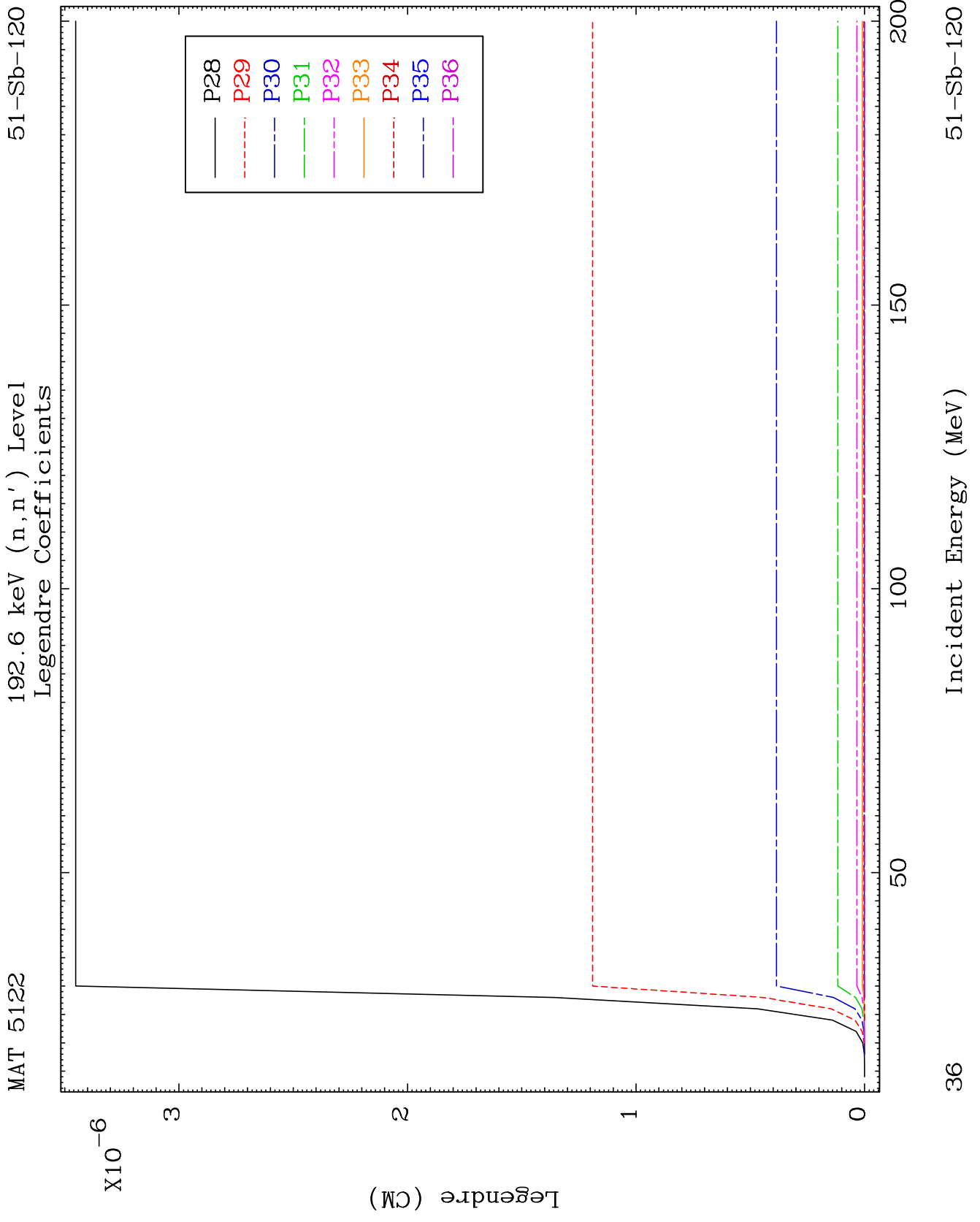
192.6 keV (n,n') Level
Legendre Coefficients

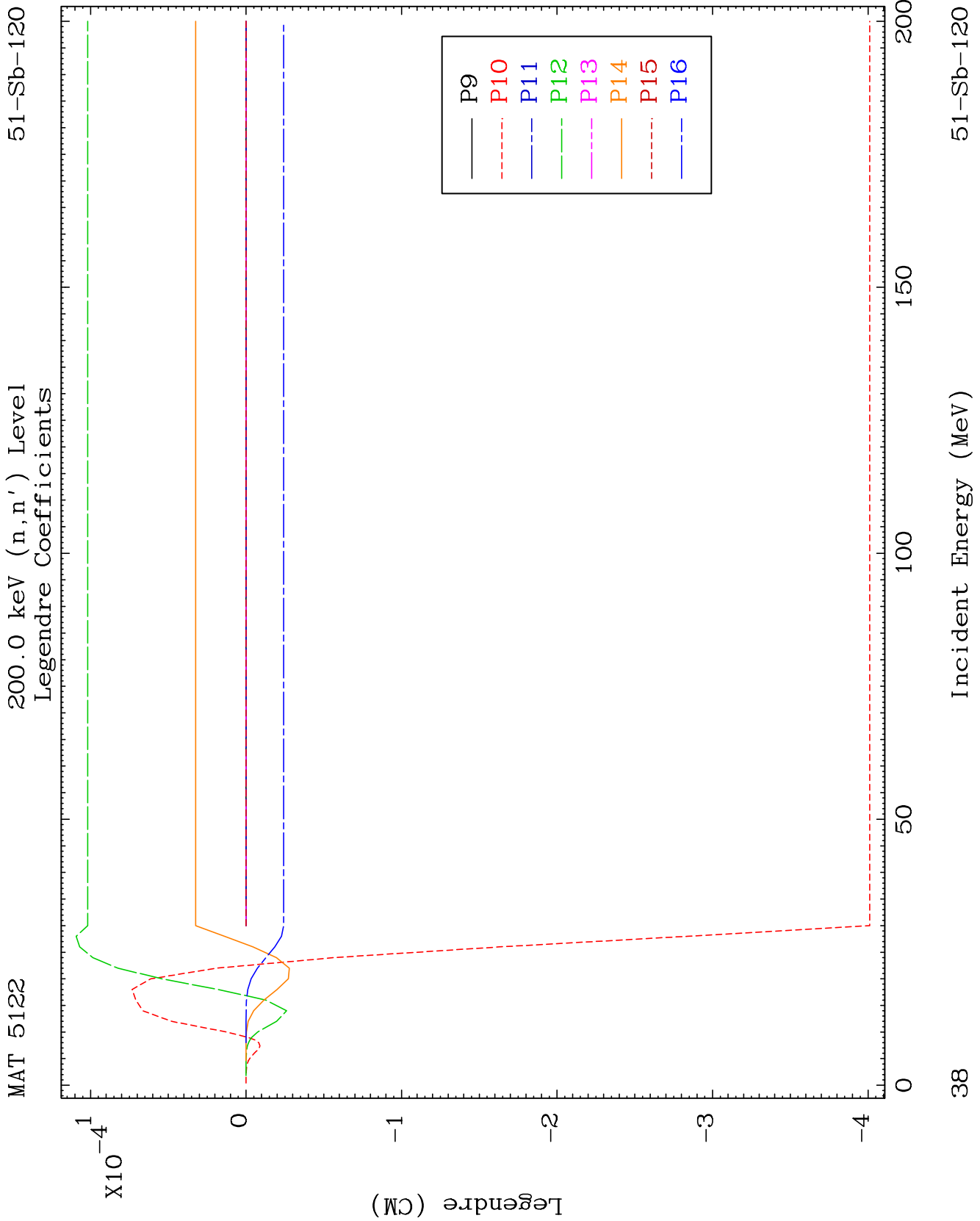
51-Sb-120

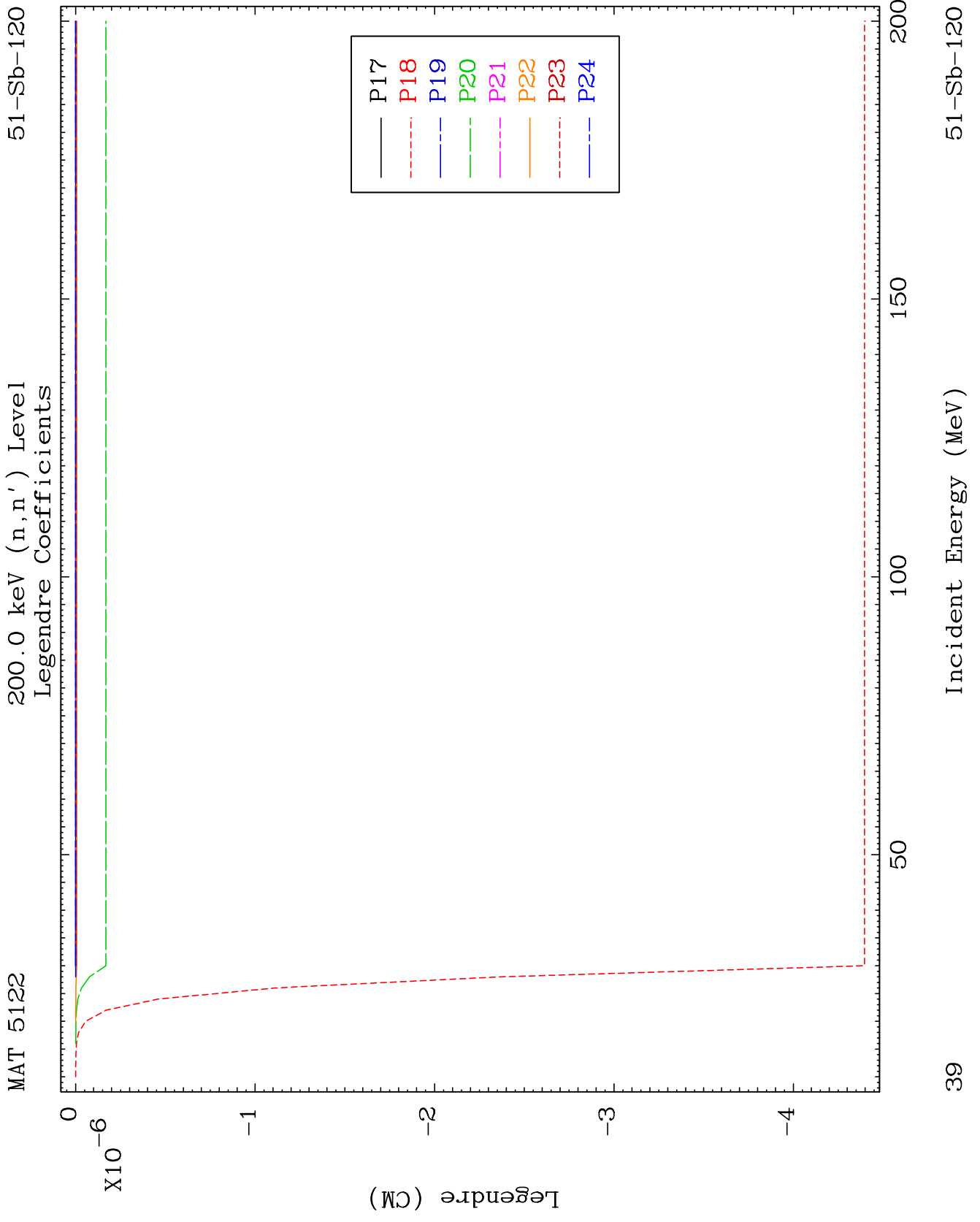


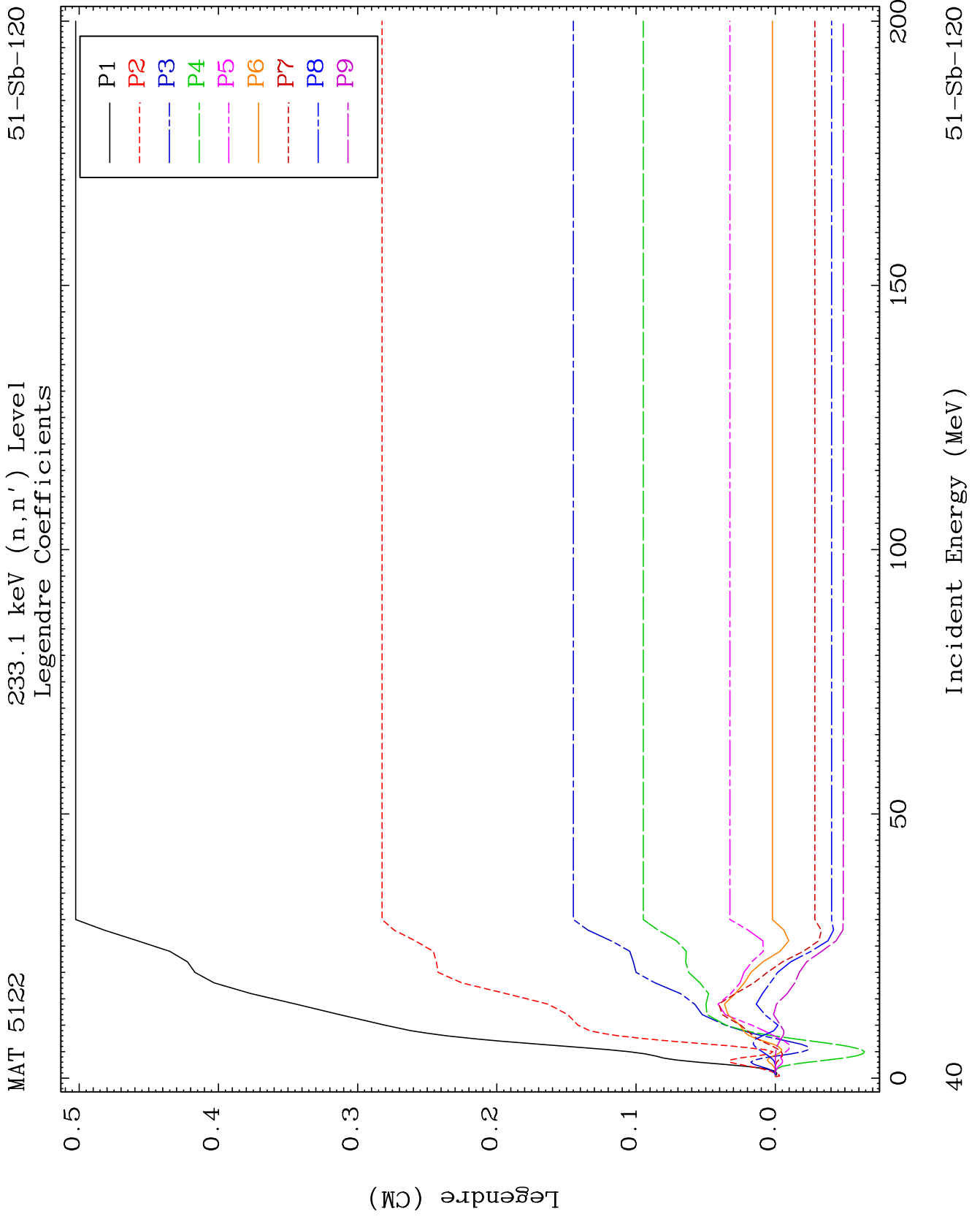


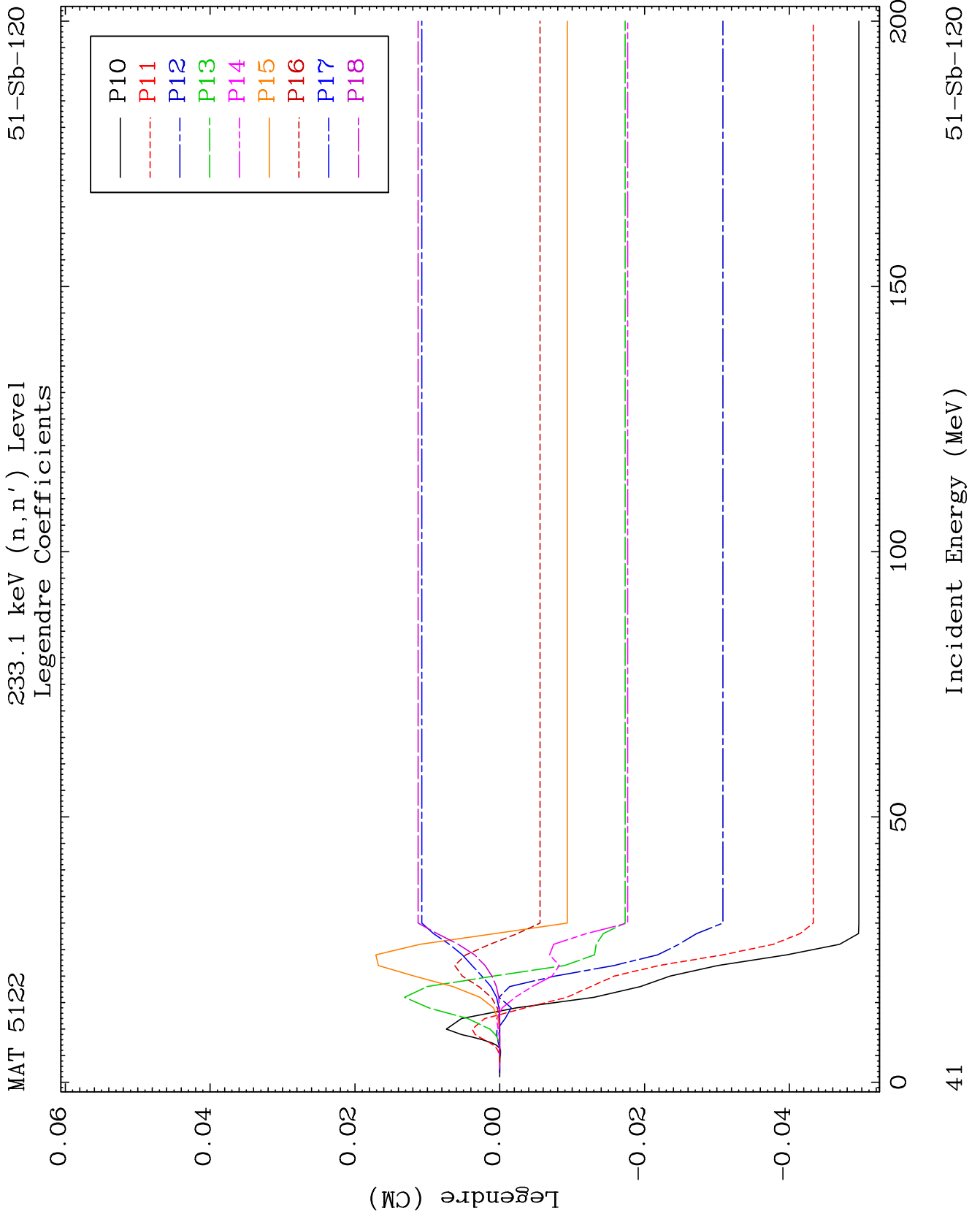


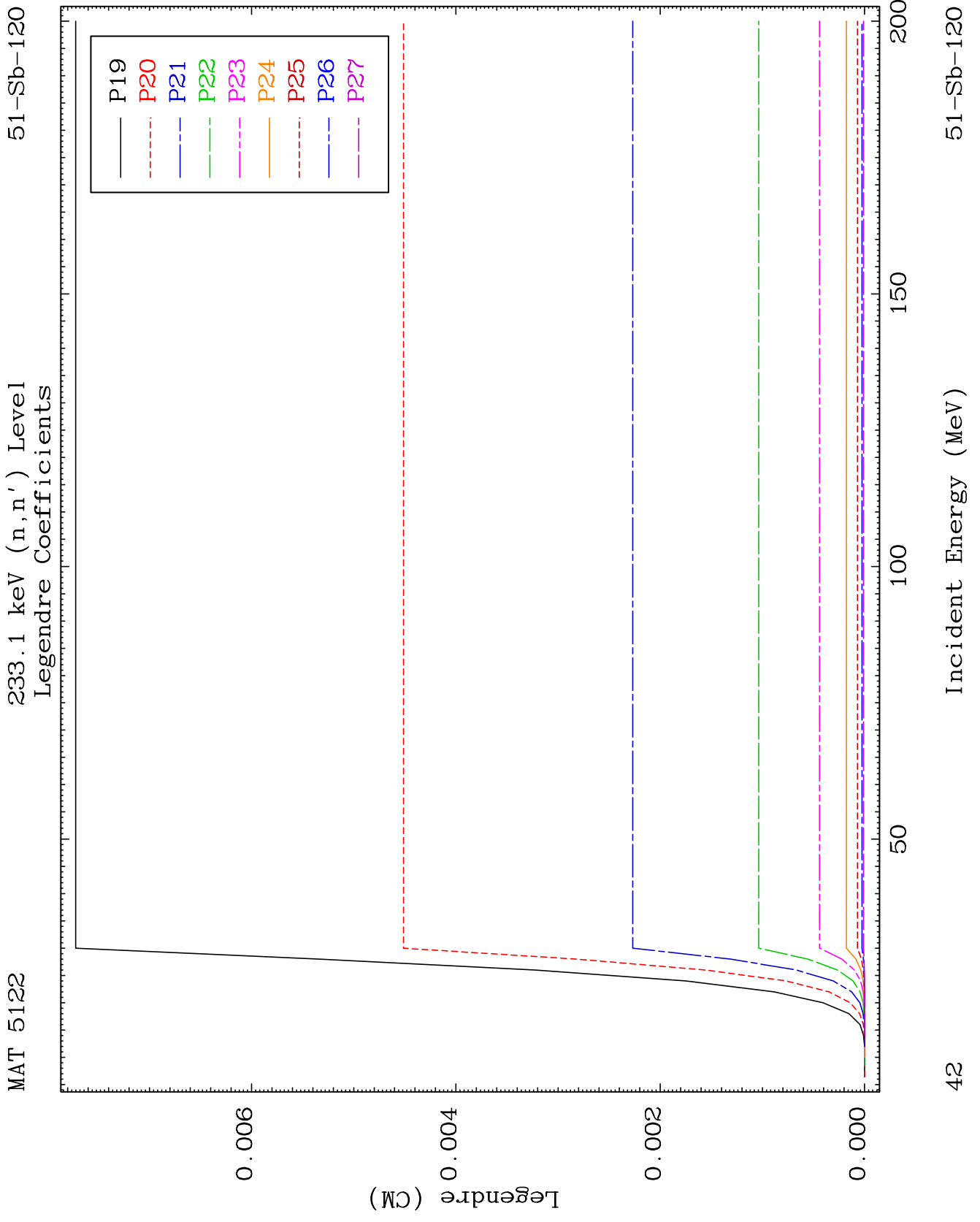








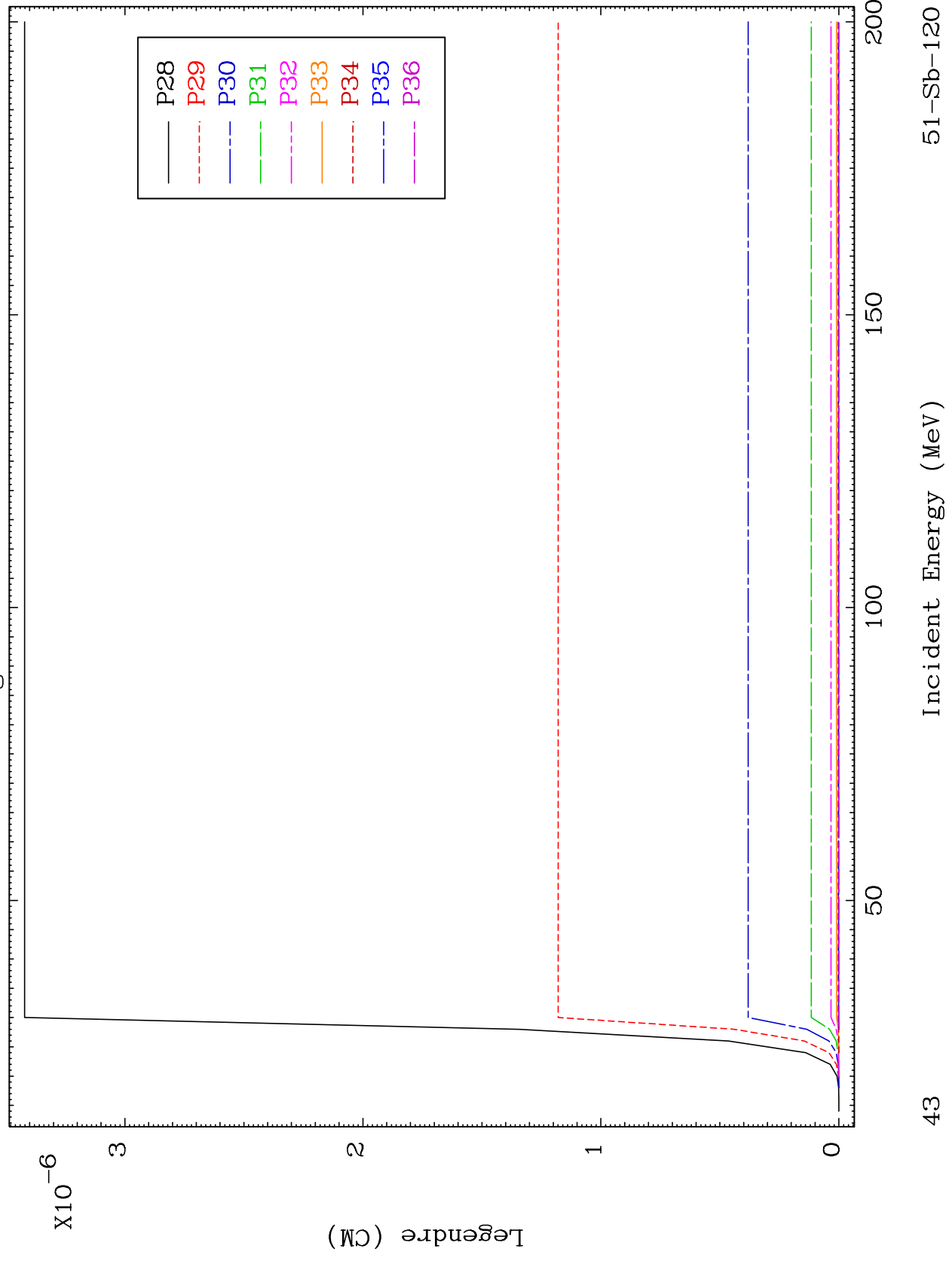




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233.1 keV (n,n') Level
Legendre Coefficients

51-Sb-120



43

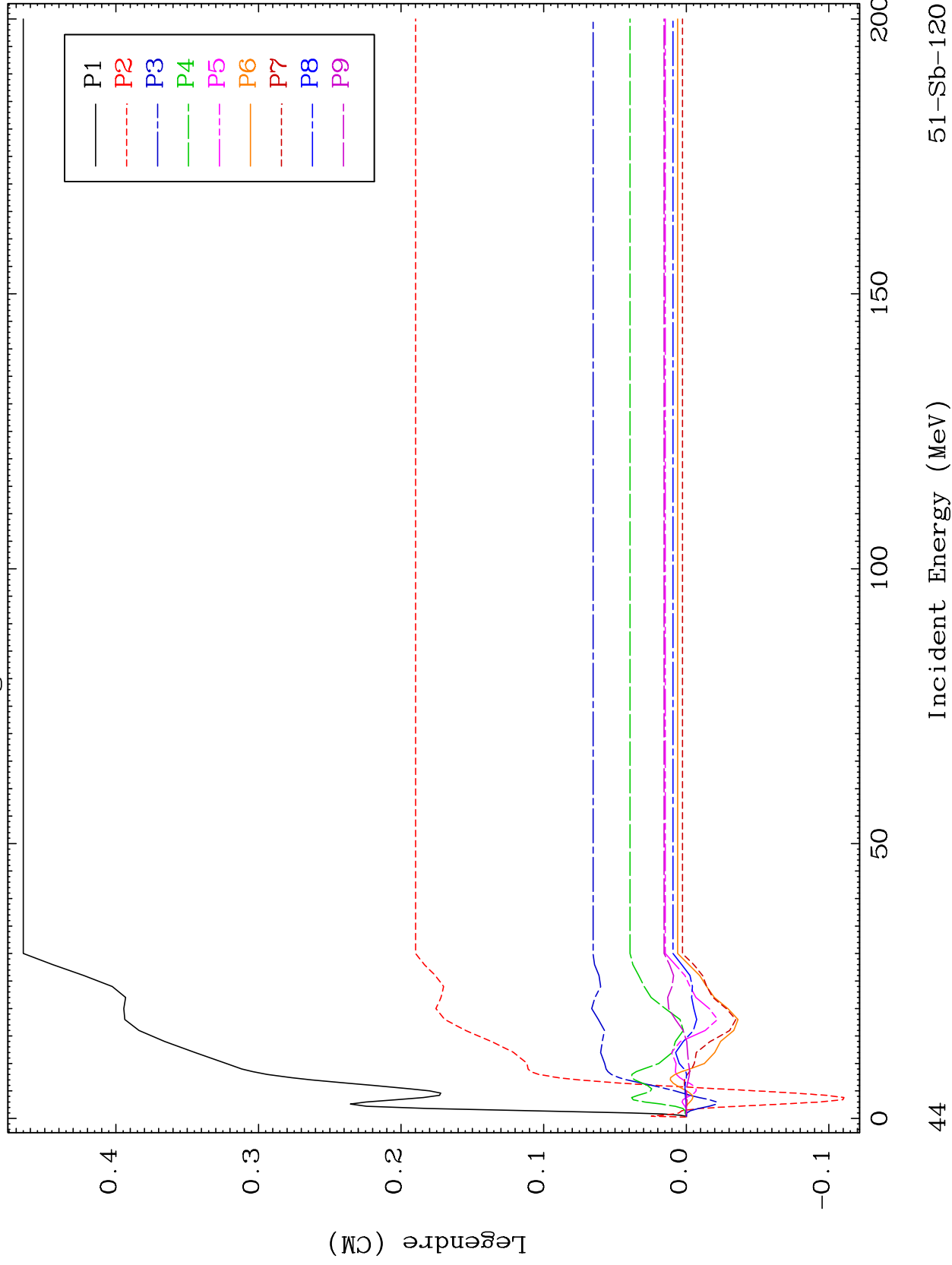
Incident Energy (MeV)

51-Sb-120

MAT 5122

243.9 keV (n,n') Level
Legendre Coefficients

51-Sb-120



44

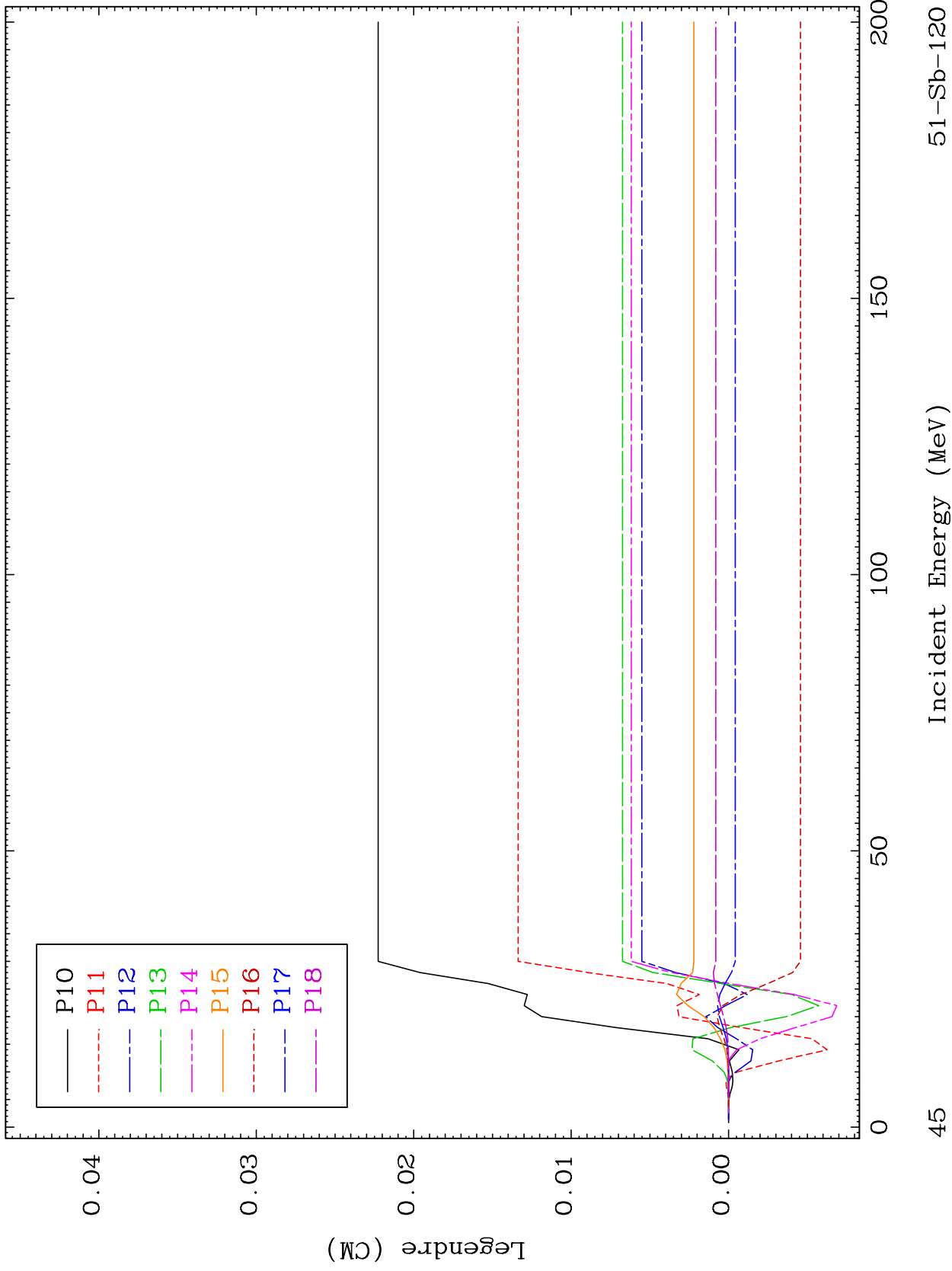
Incident Energy (MeV)

51-Sb-120

MAT 5122

243.9 keV (n,n') Level
Legendre Coefficients

51-Sb-120



51-Sb-120

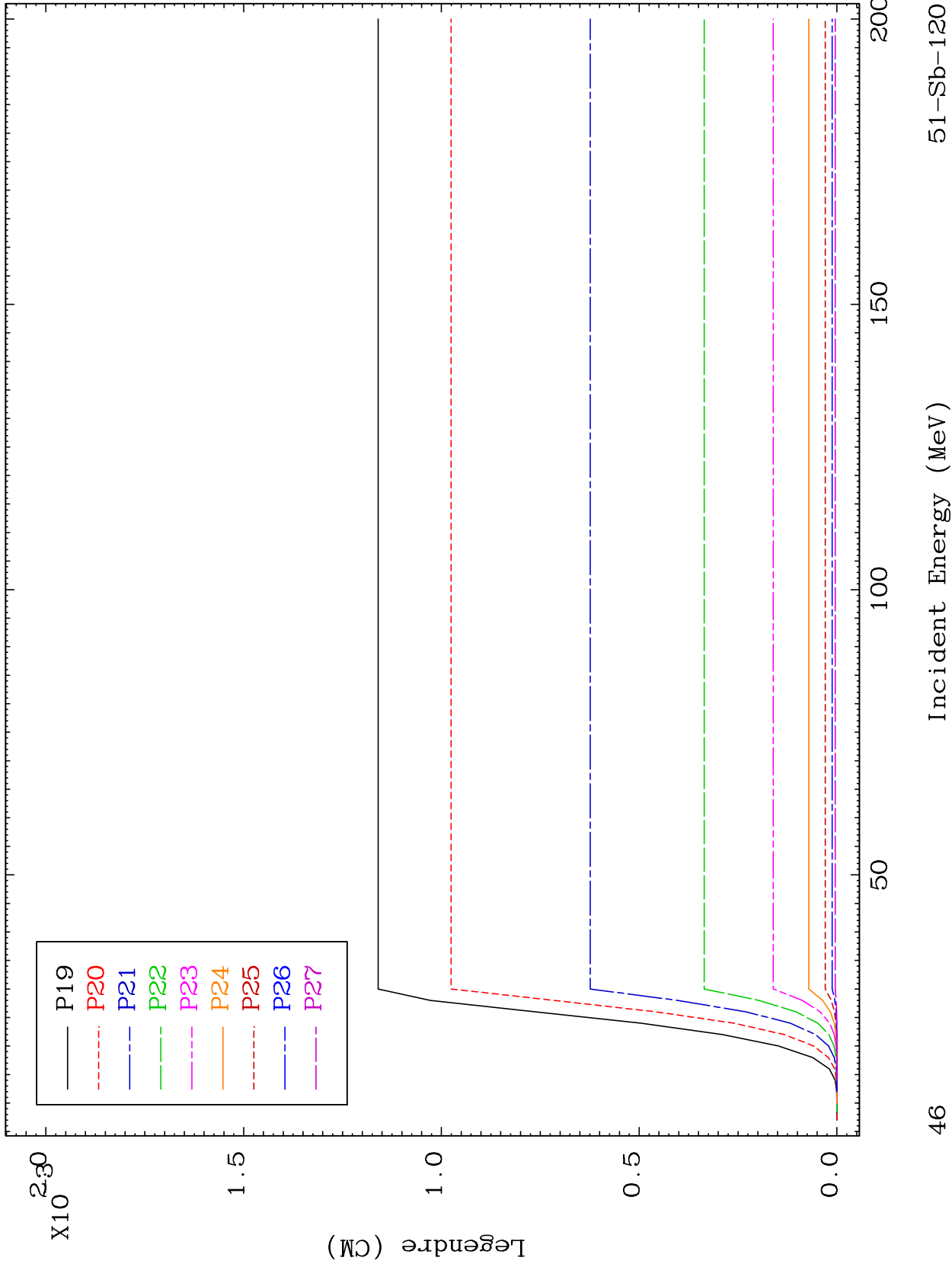
Incident Energy (MeV)

45

MAT 5122

243.9 keV (n,n') Level
Legendre Coefficients

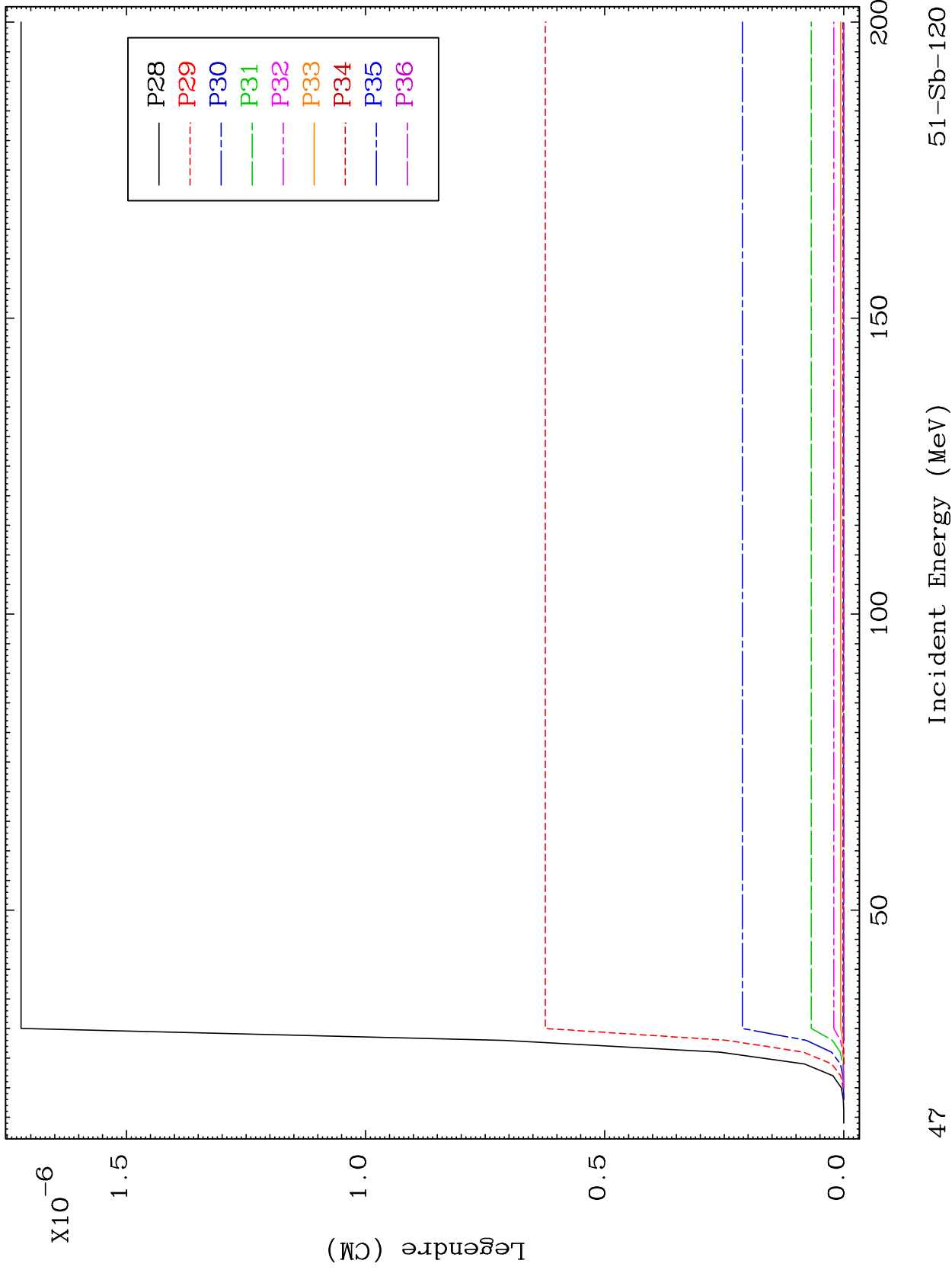
51-Sb-120

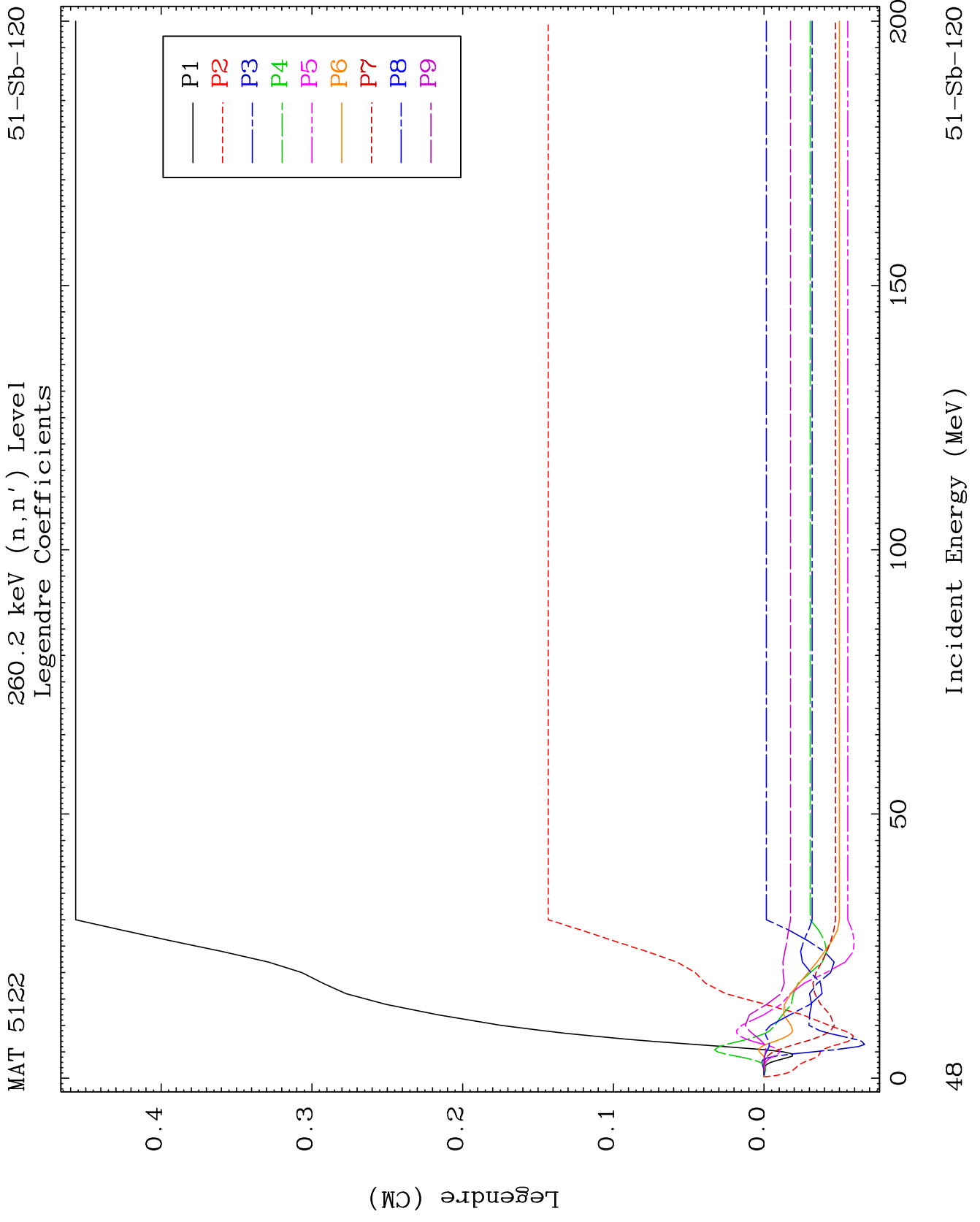


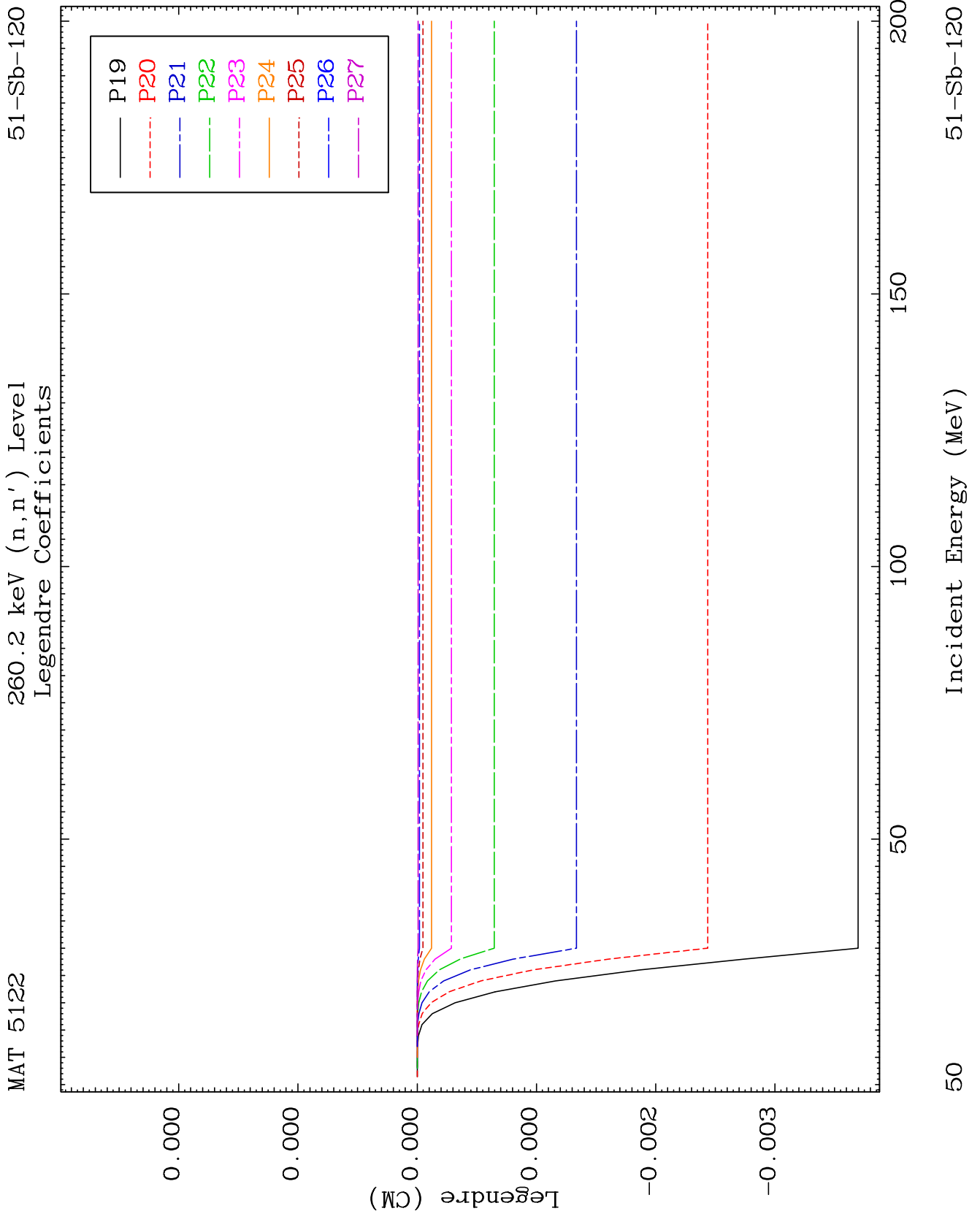
MAT 5122

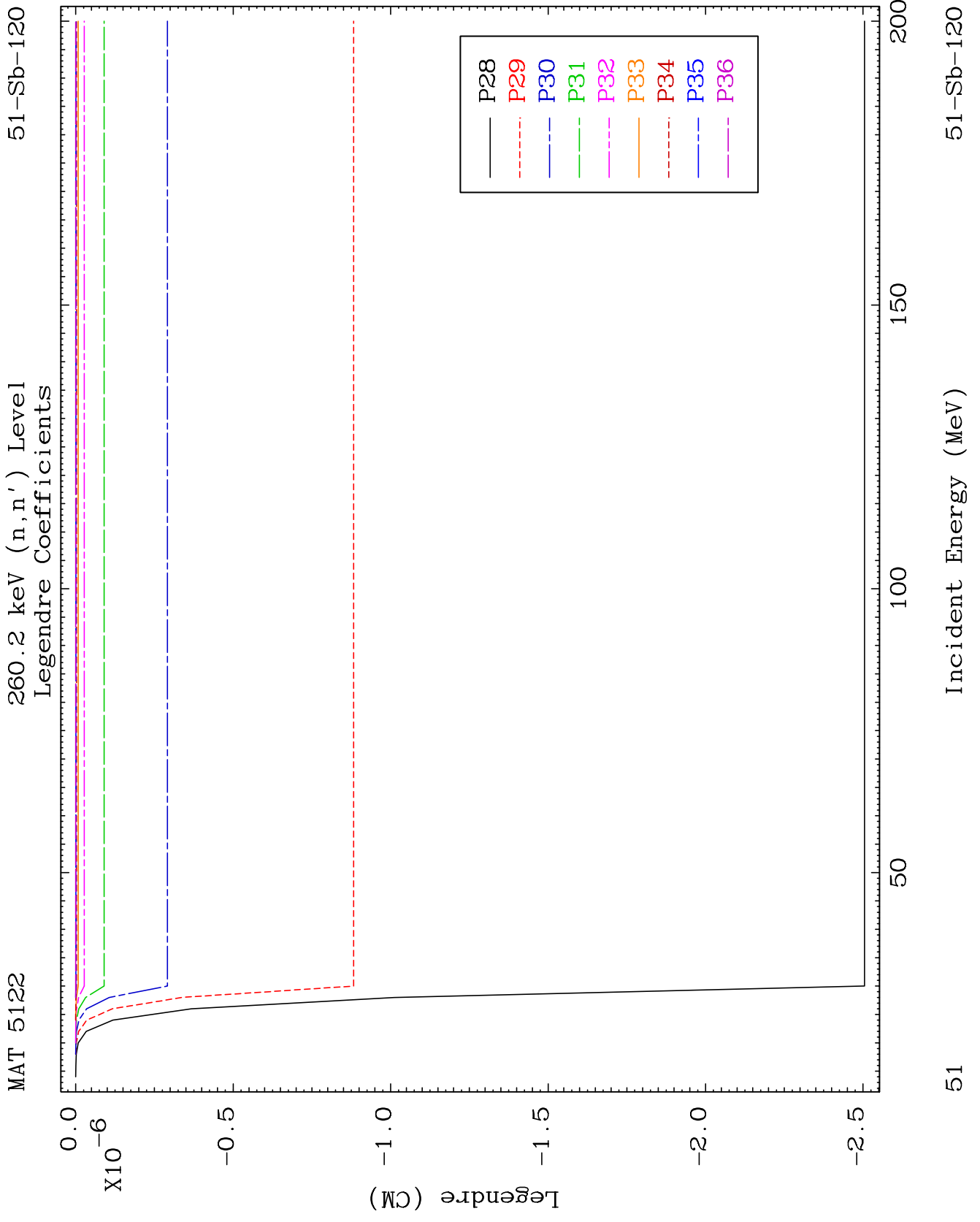
243.9 keV (n,n') Level
Legendre Coefficients

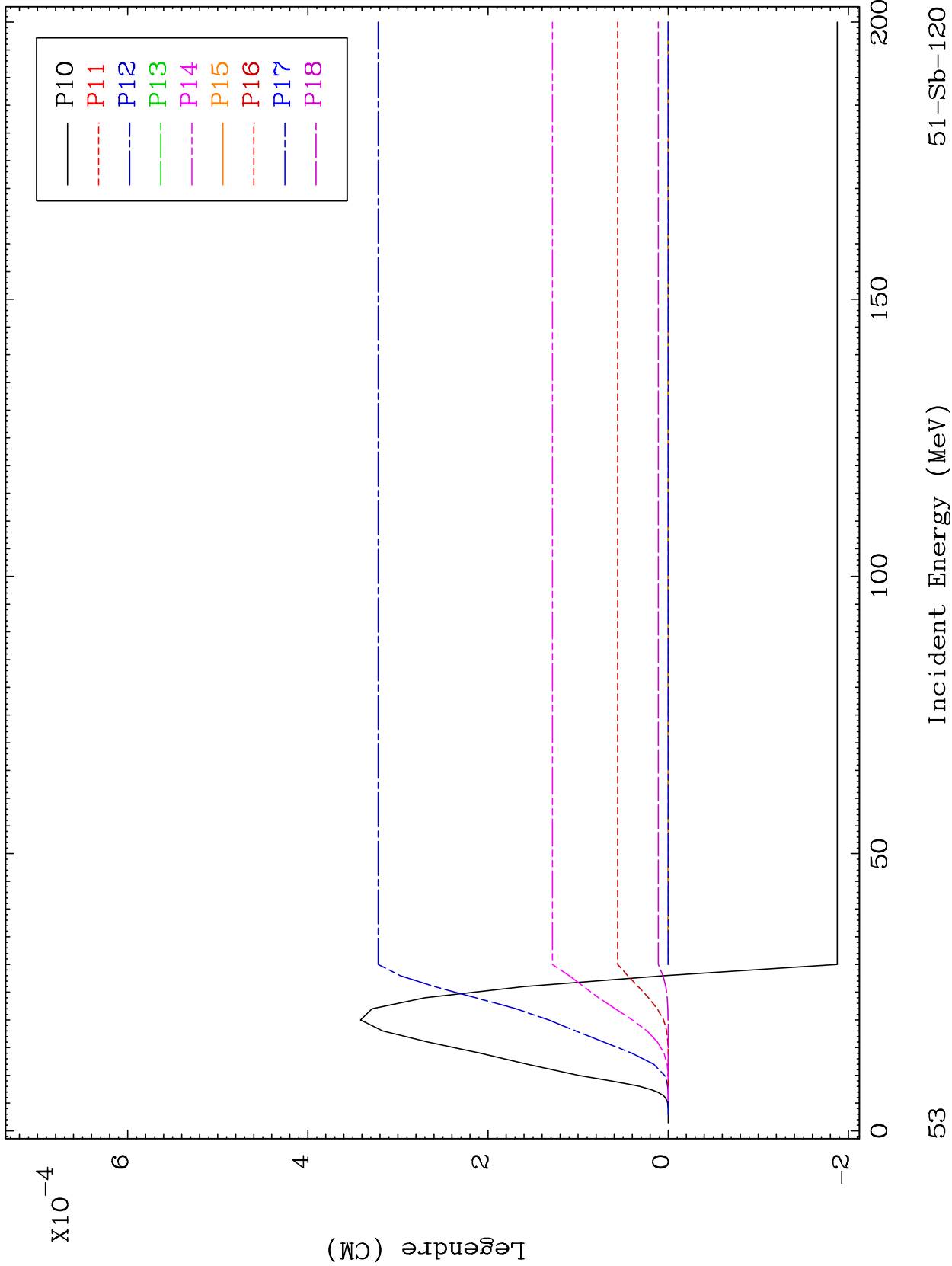
51-Sb-120

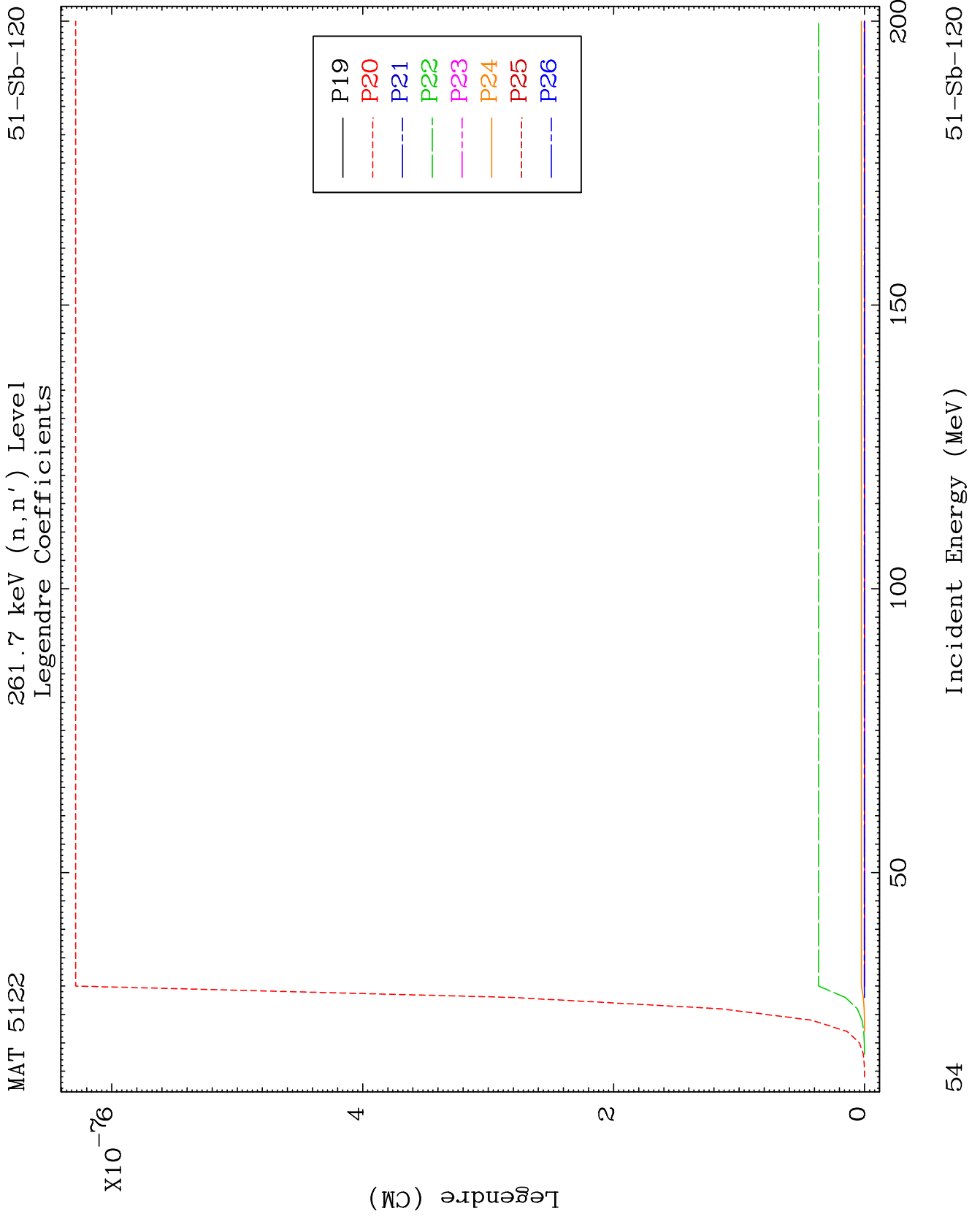


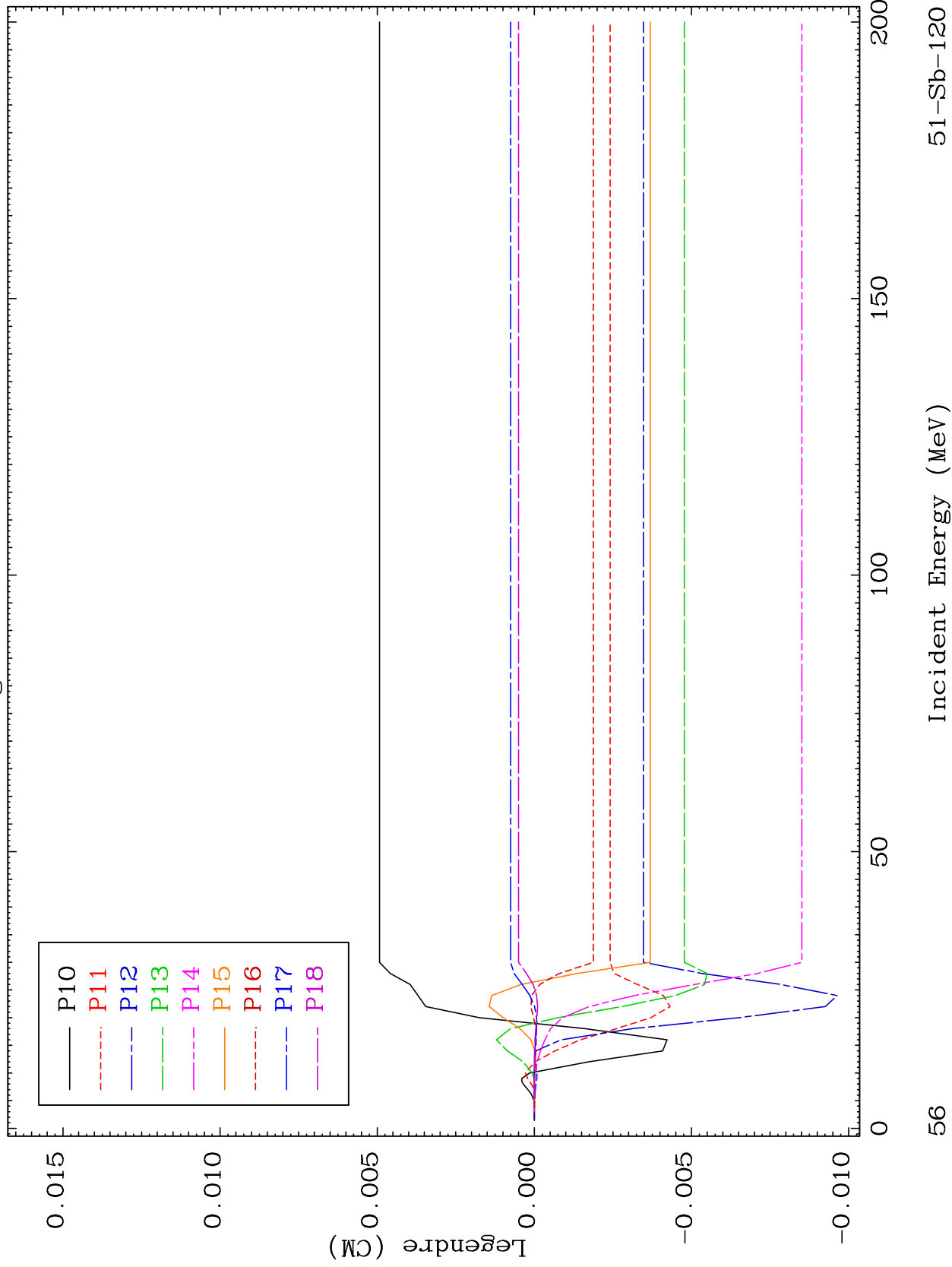


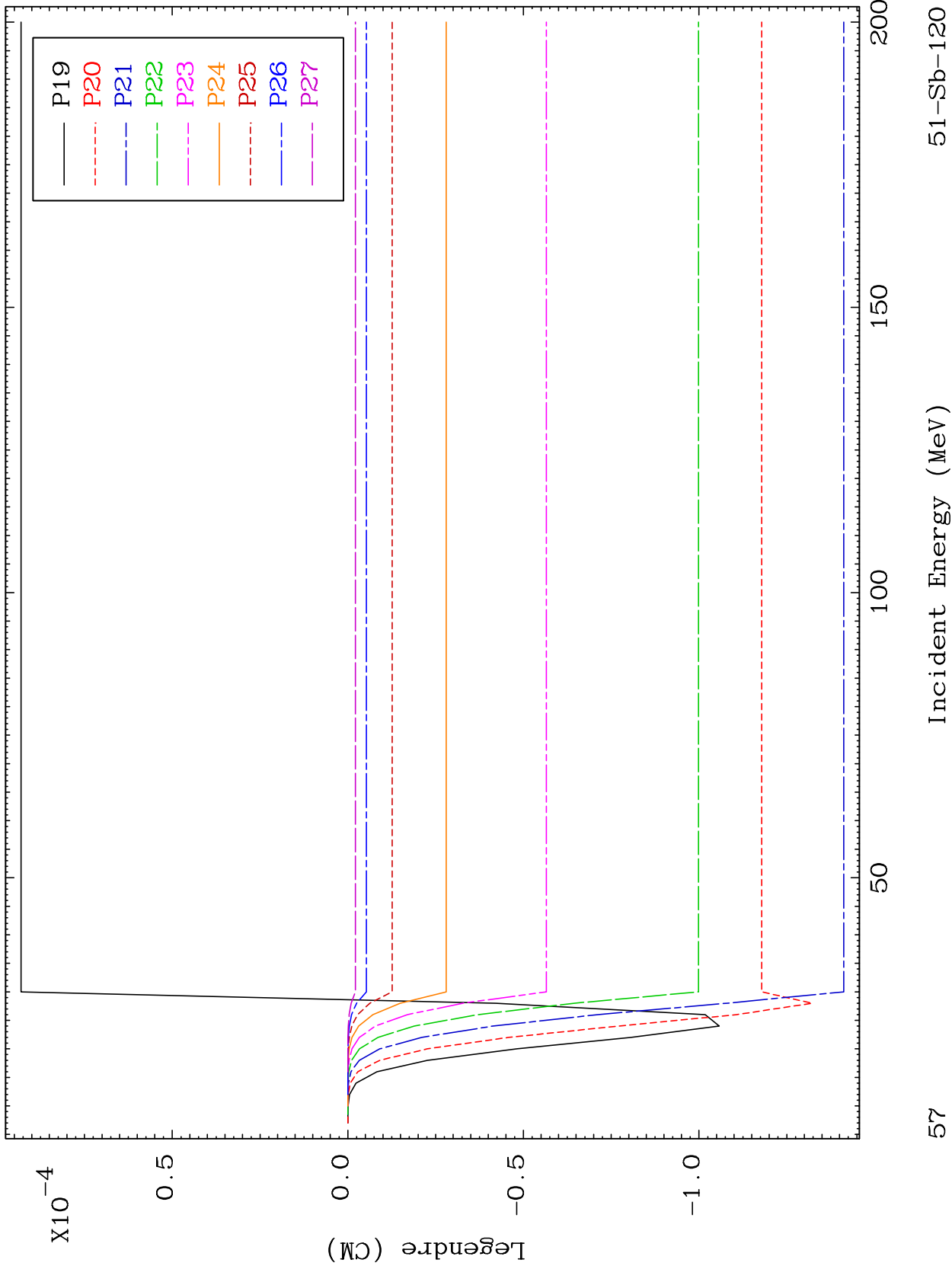


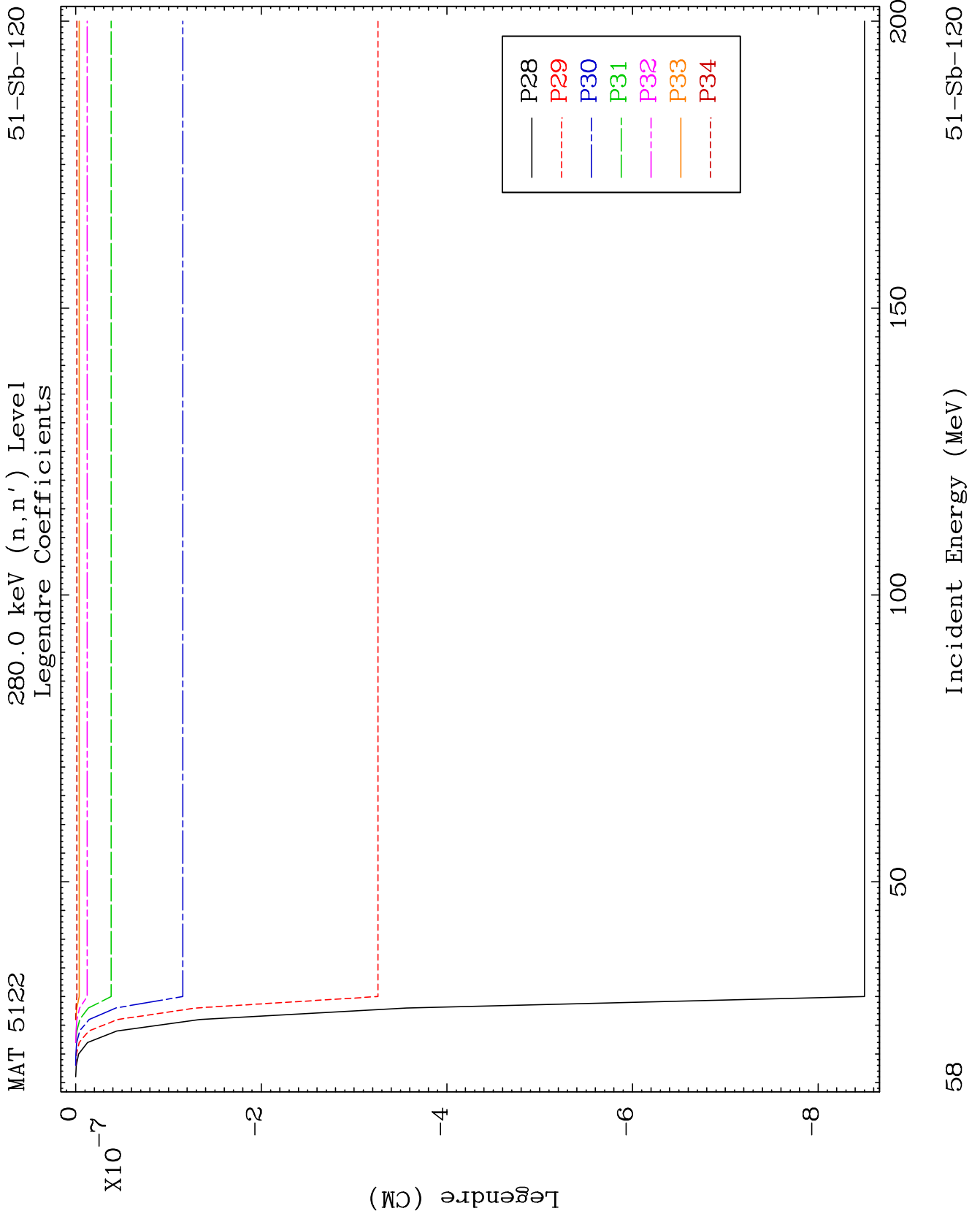








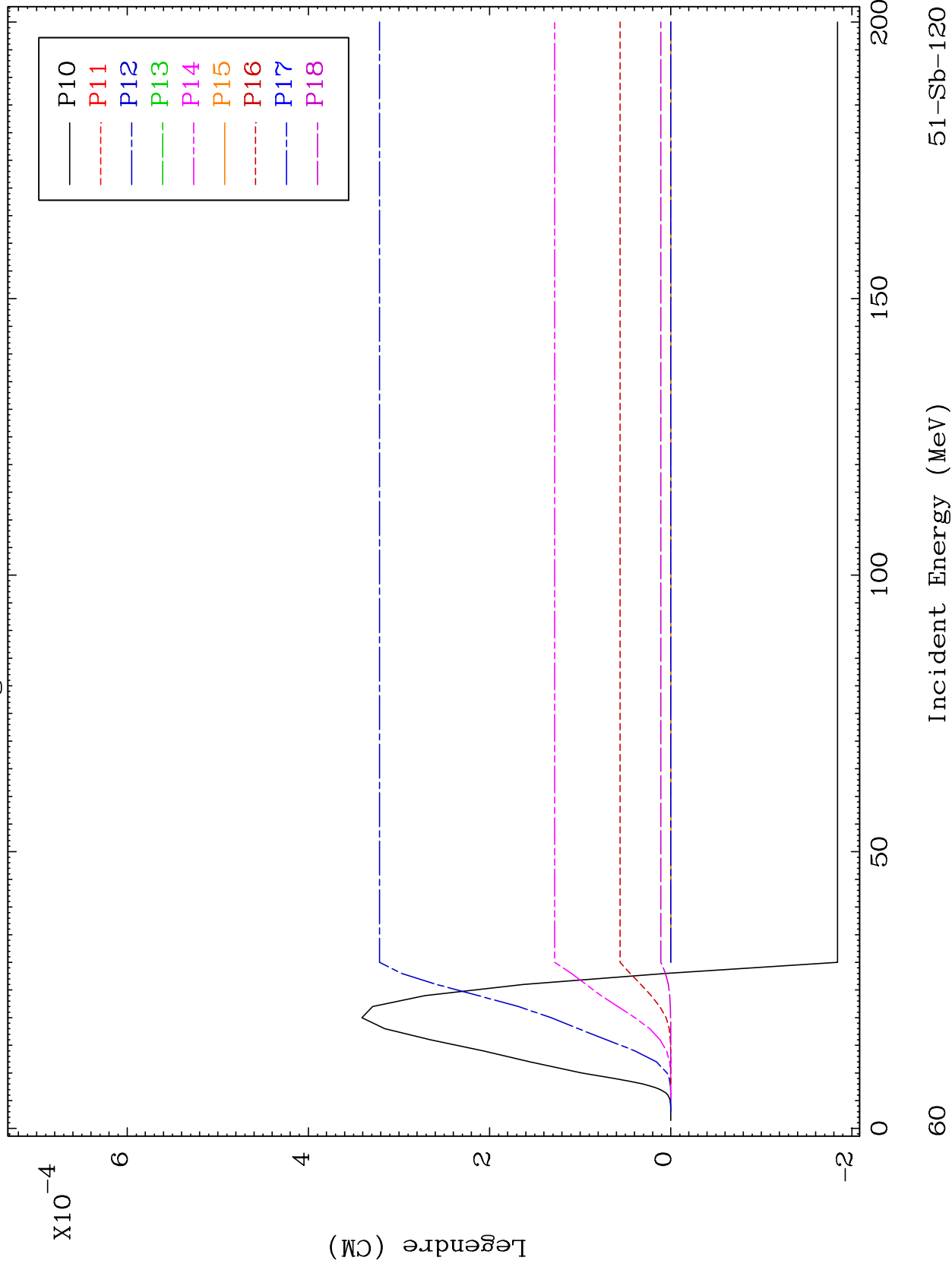




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334.1 keV (n,n') Level
Legendre Coefficients

51-Sb-120



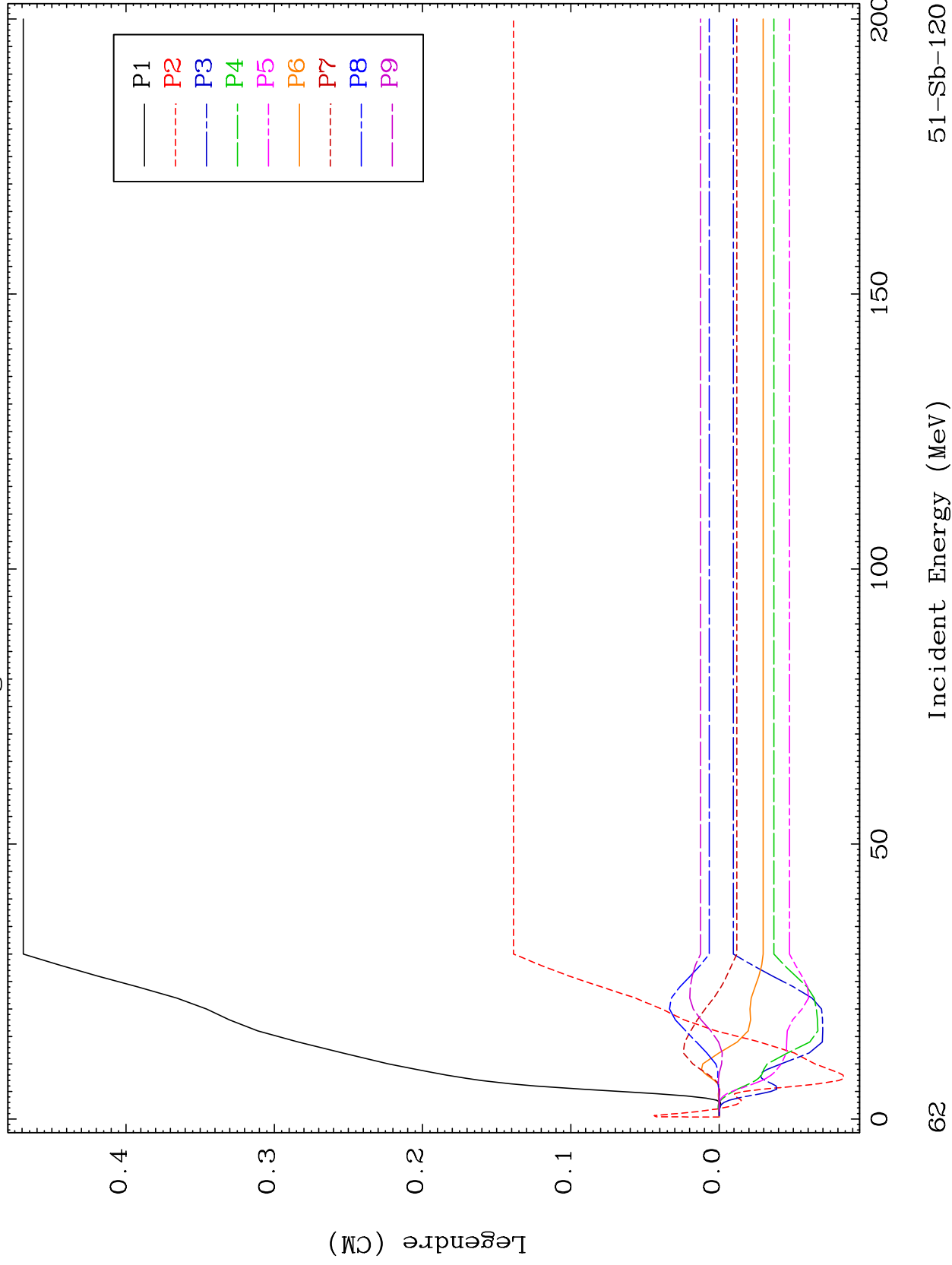
51-Sb-120

Incident Energy (MeV)

MAT 5122

341.3 keV (n,n') Level
Legendre Coefficients

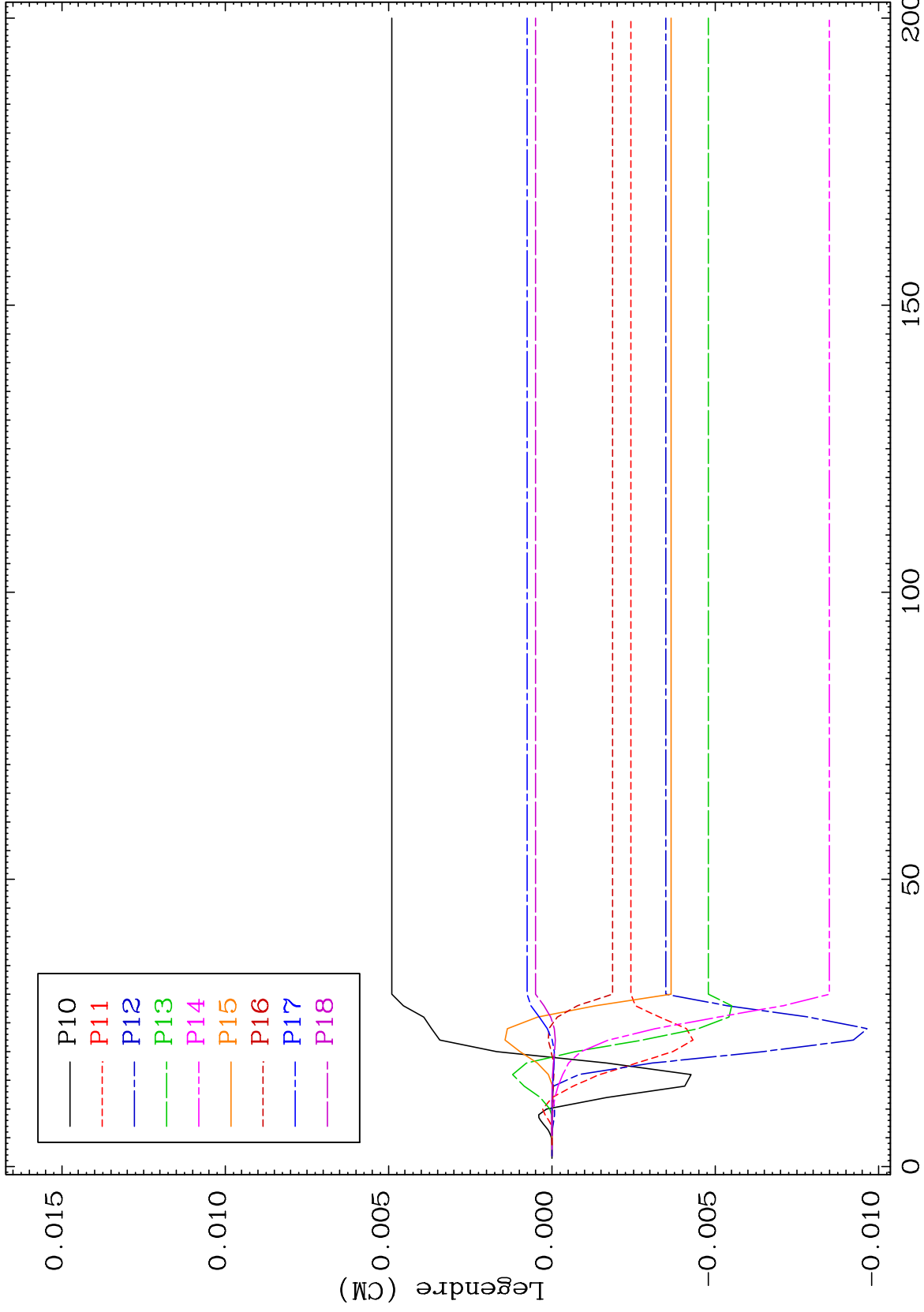
51-Sb-120

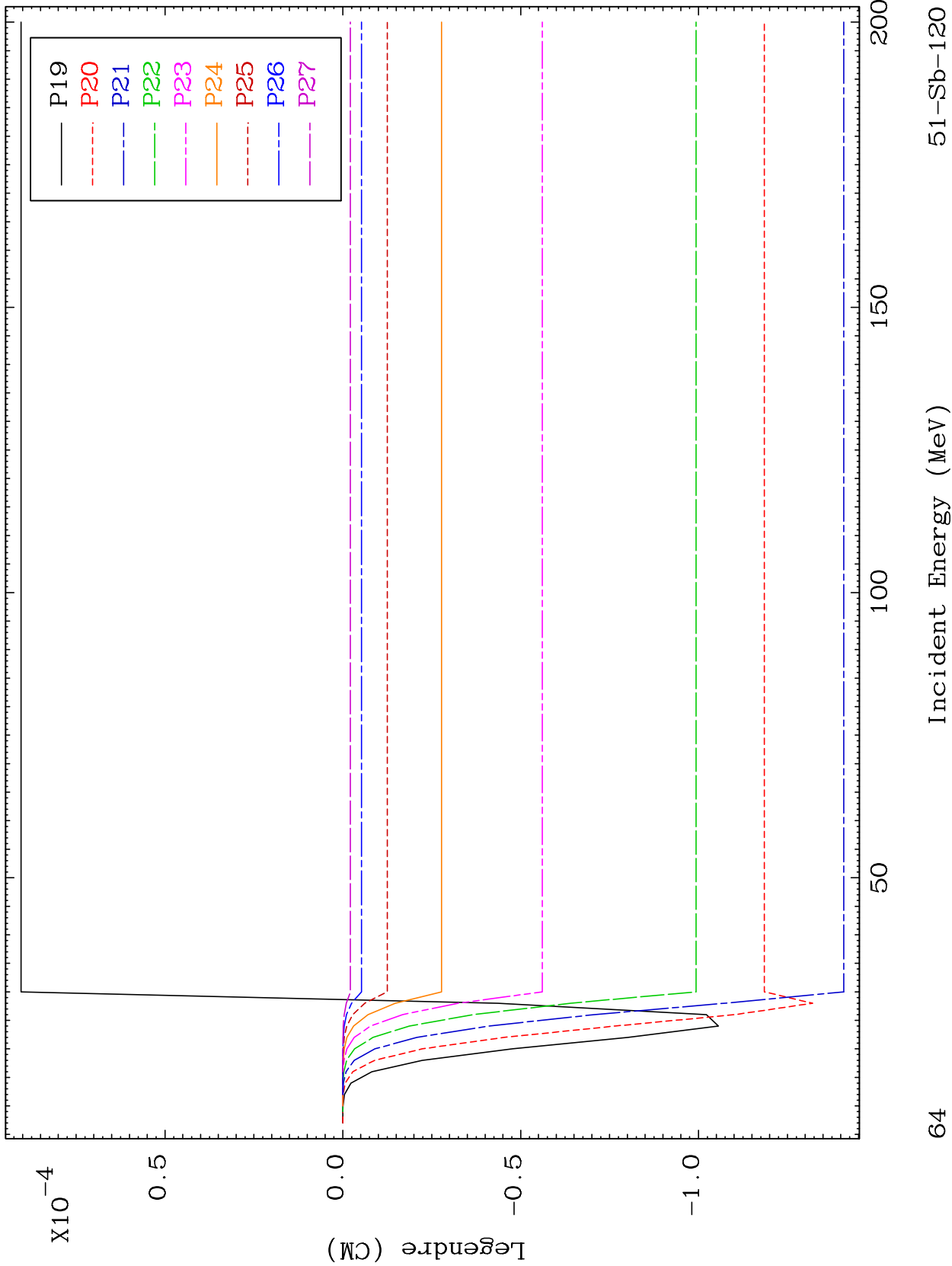


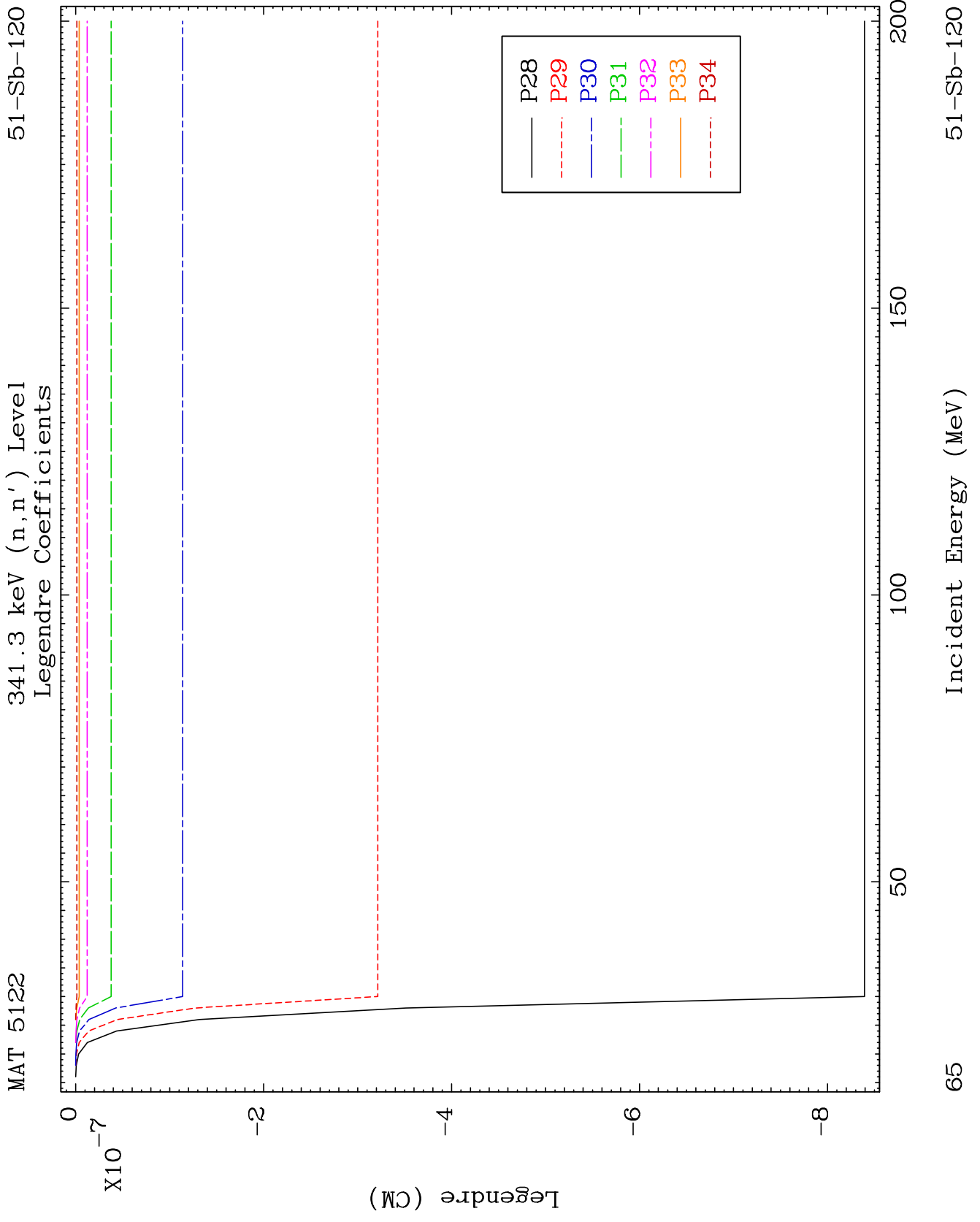
51-Sb-120

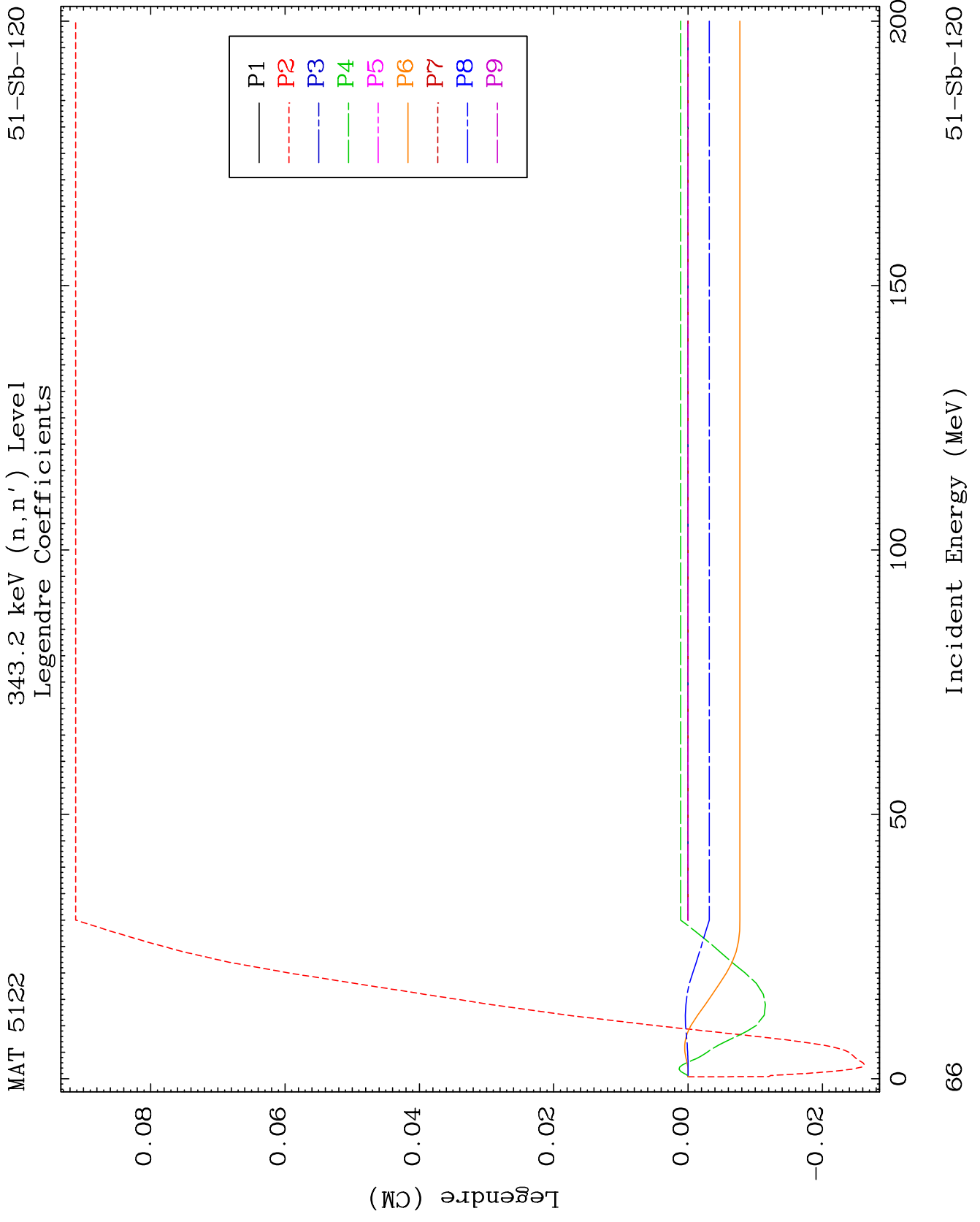
Incident Energy (MeV)

62





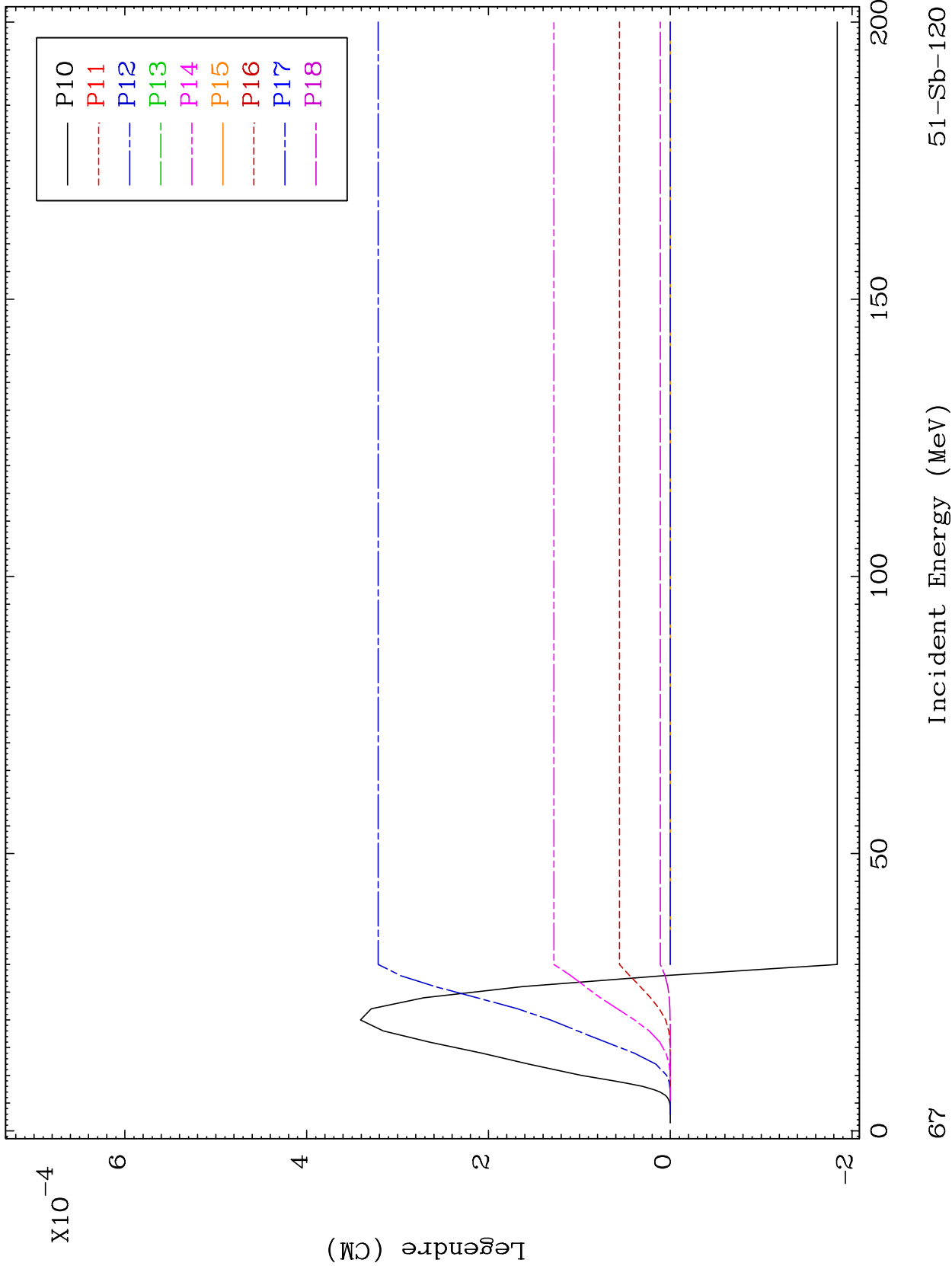




MAT 5122

343.2 keV (n,n') Level
Legendre Coefficients

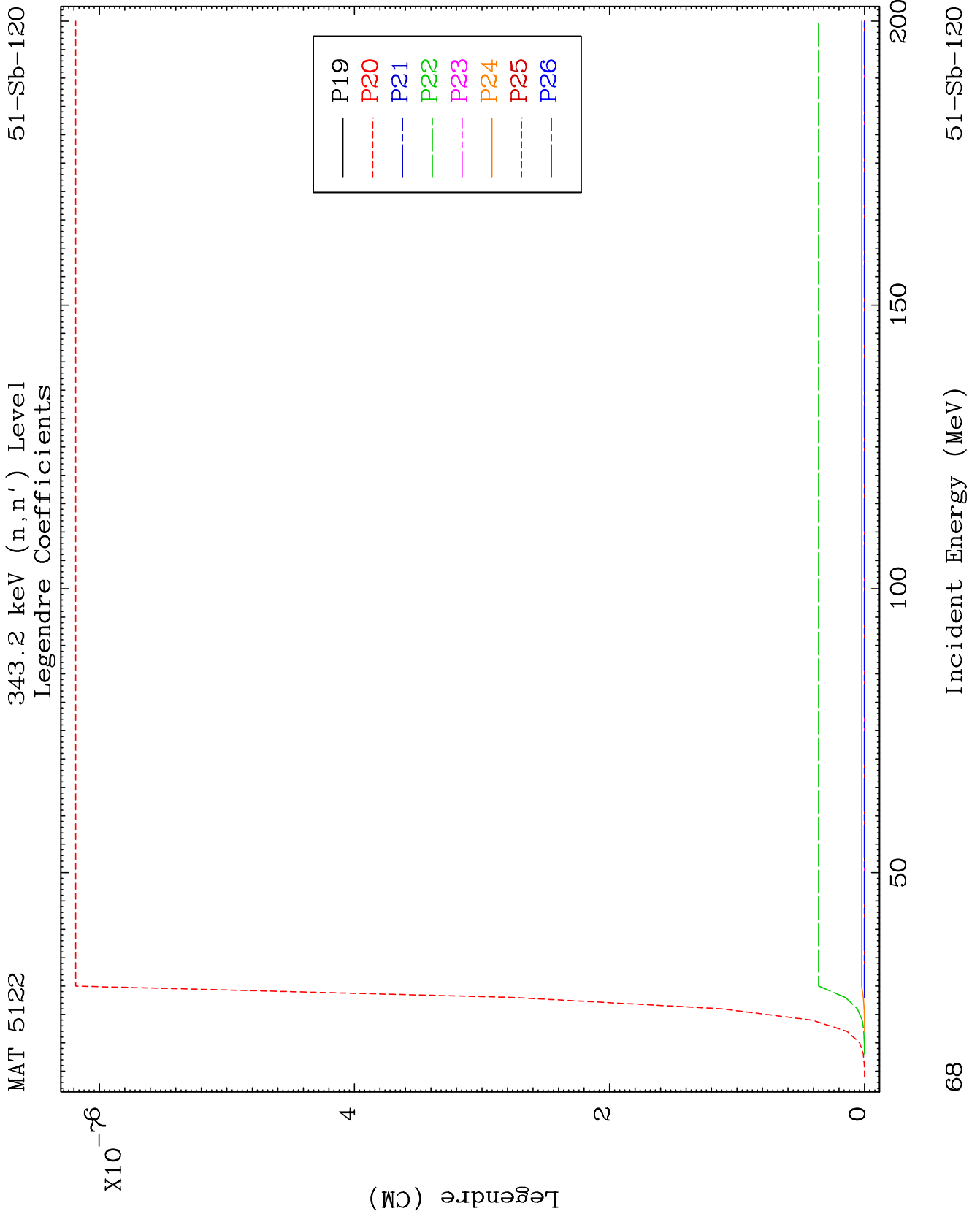
51-Sb-120



67

Incident Energy (MeV)

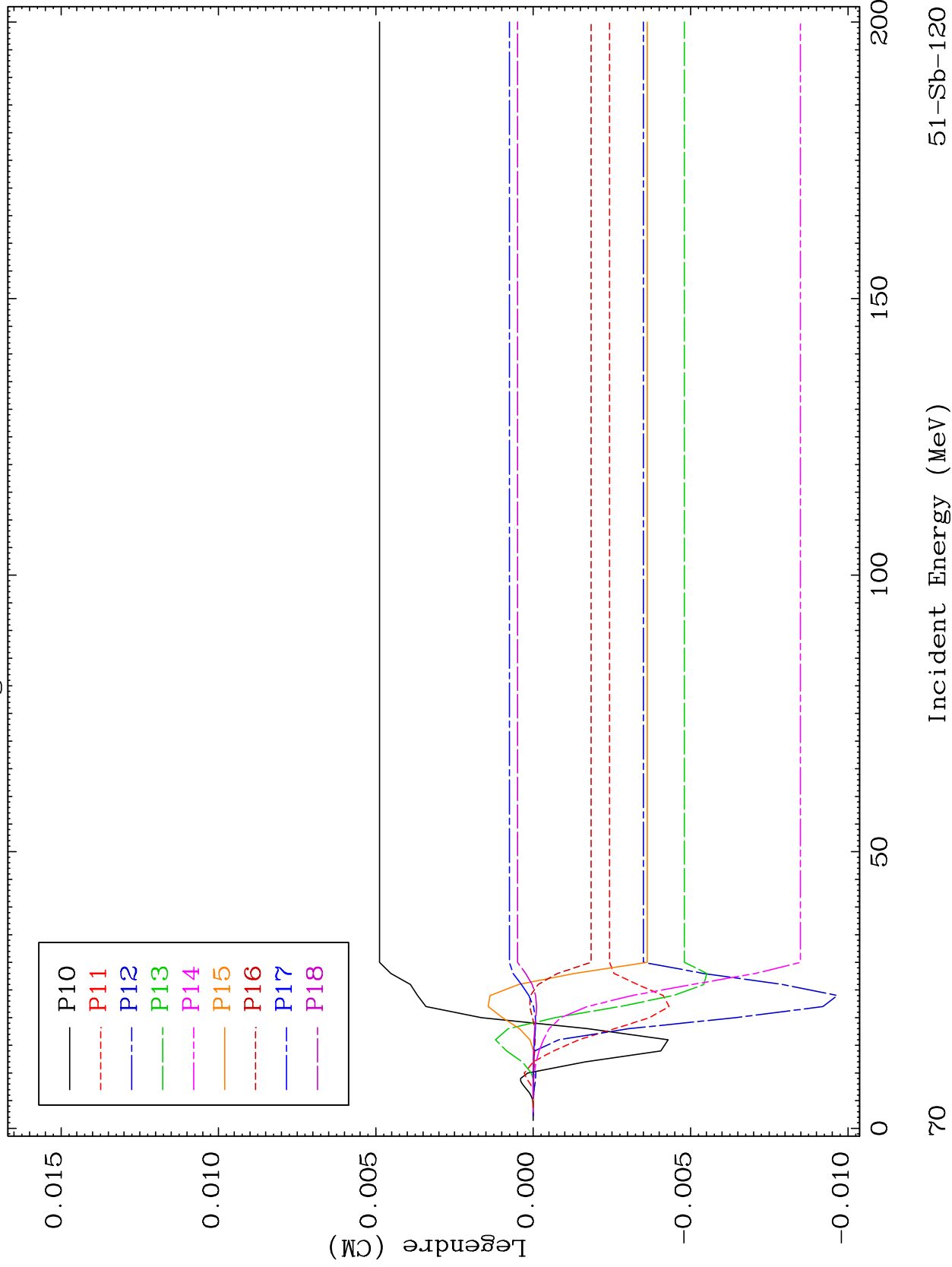
51-Sb-120



MAT 5122

387.1 keV (n,n') Level
Legendre Coefficients

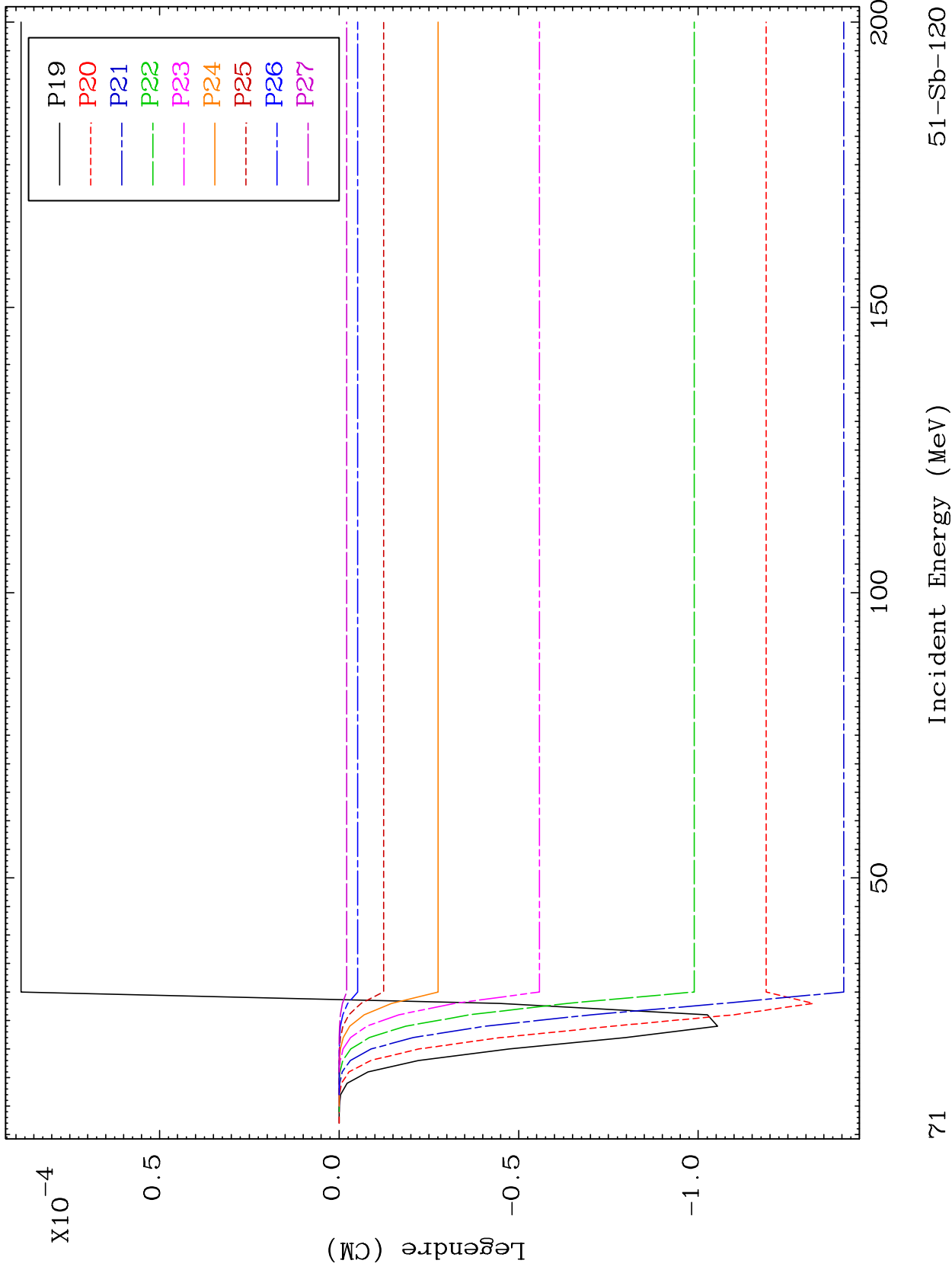
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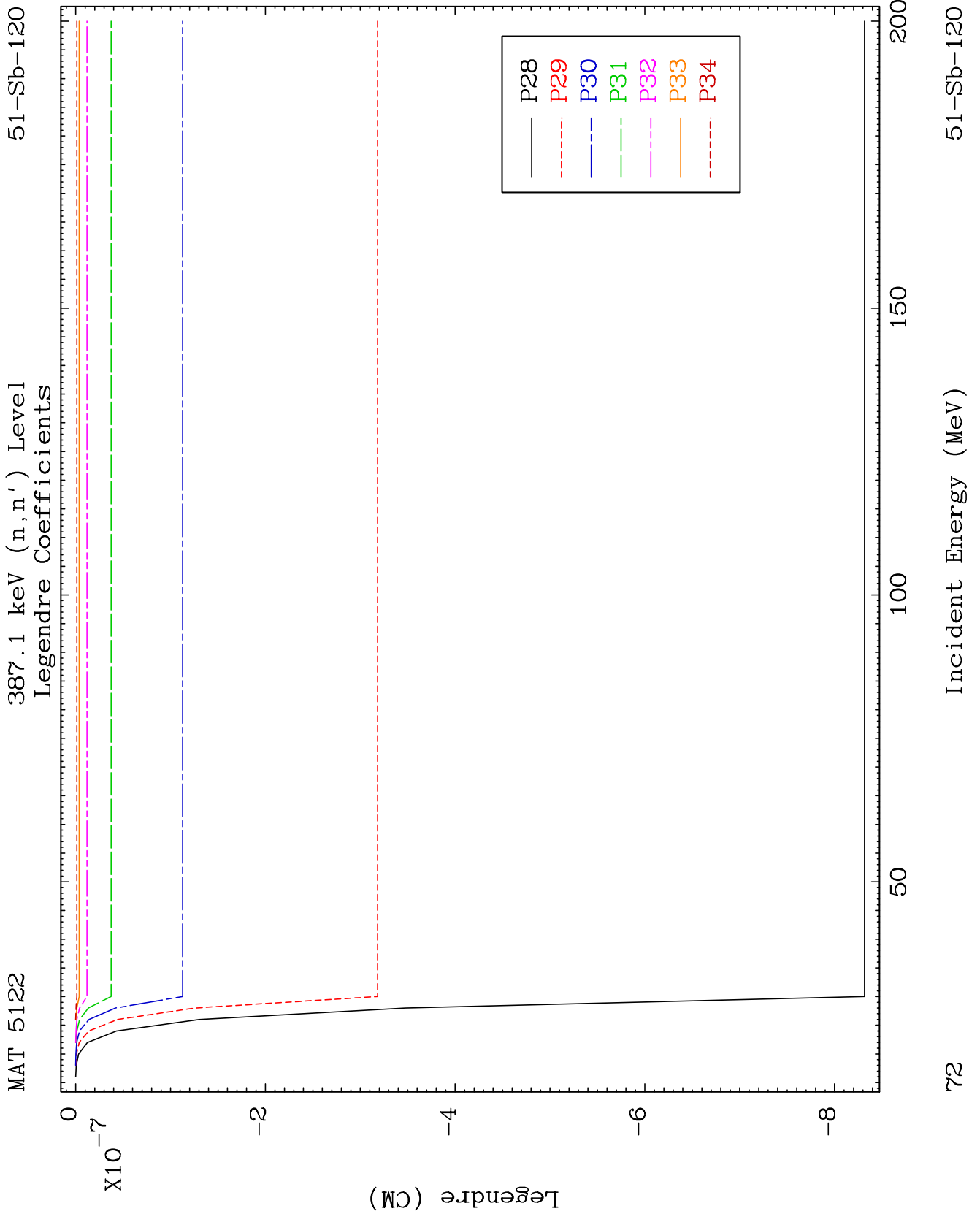


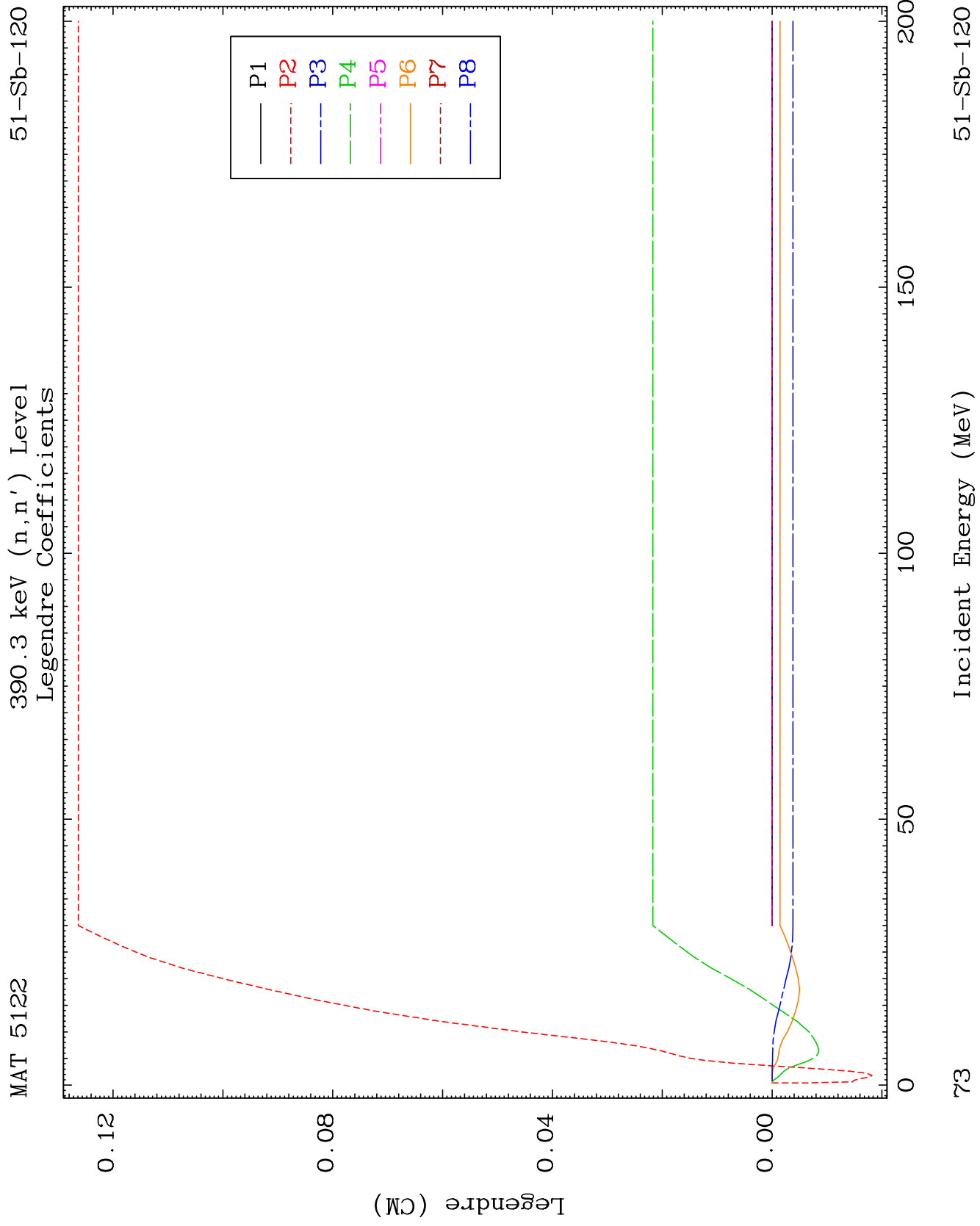
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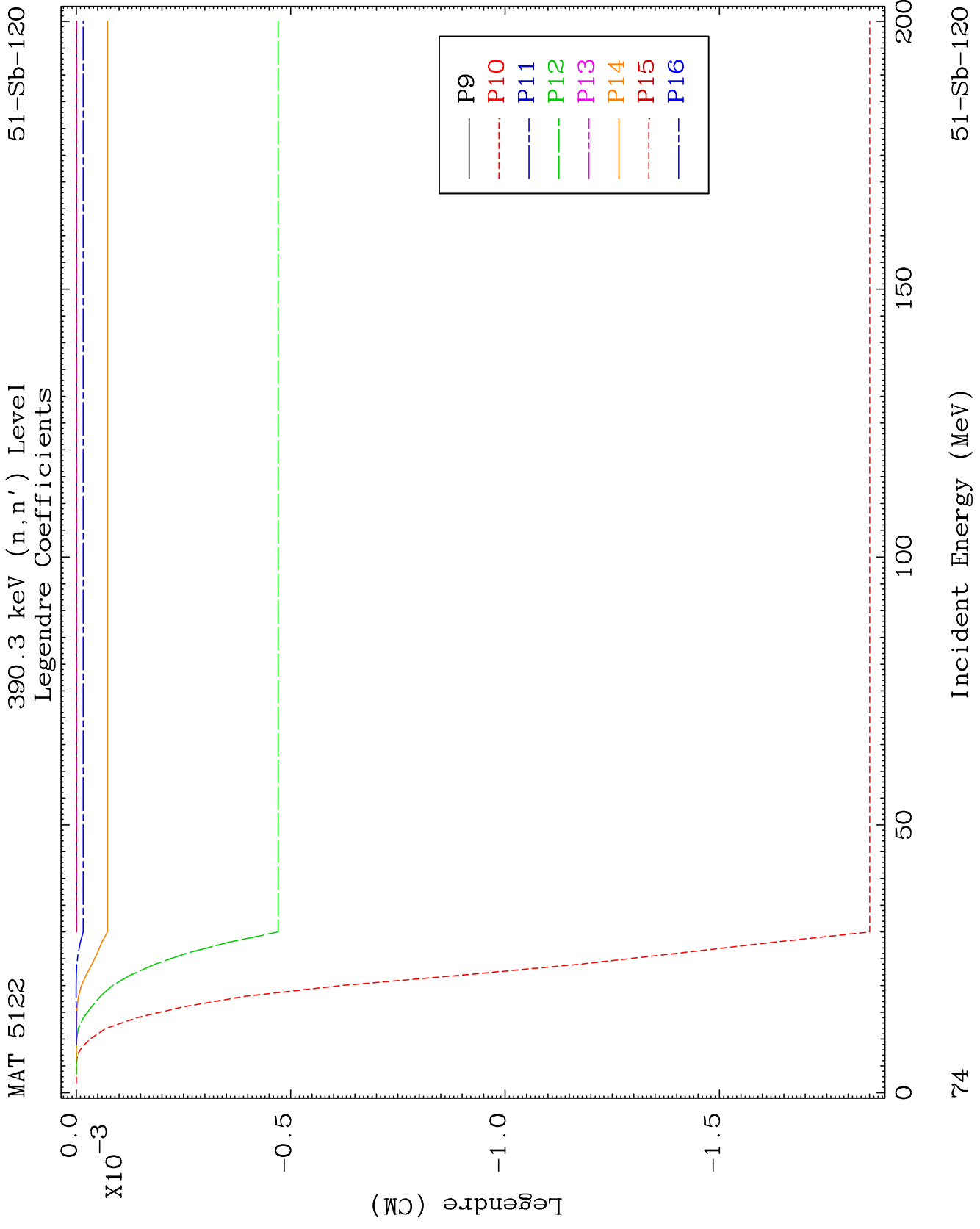
Incident Energy (MeV)

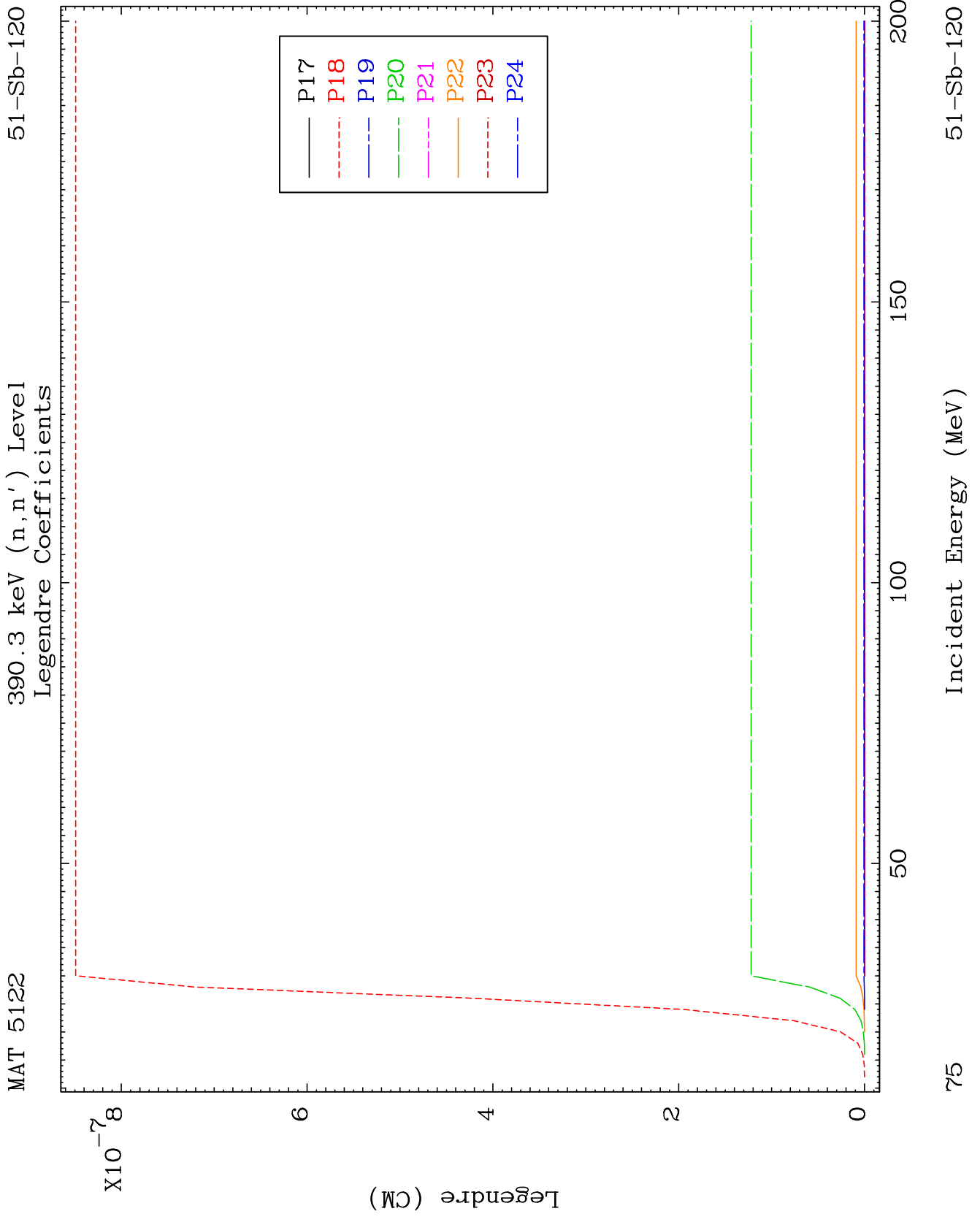
70

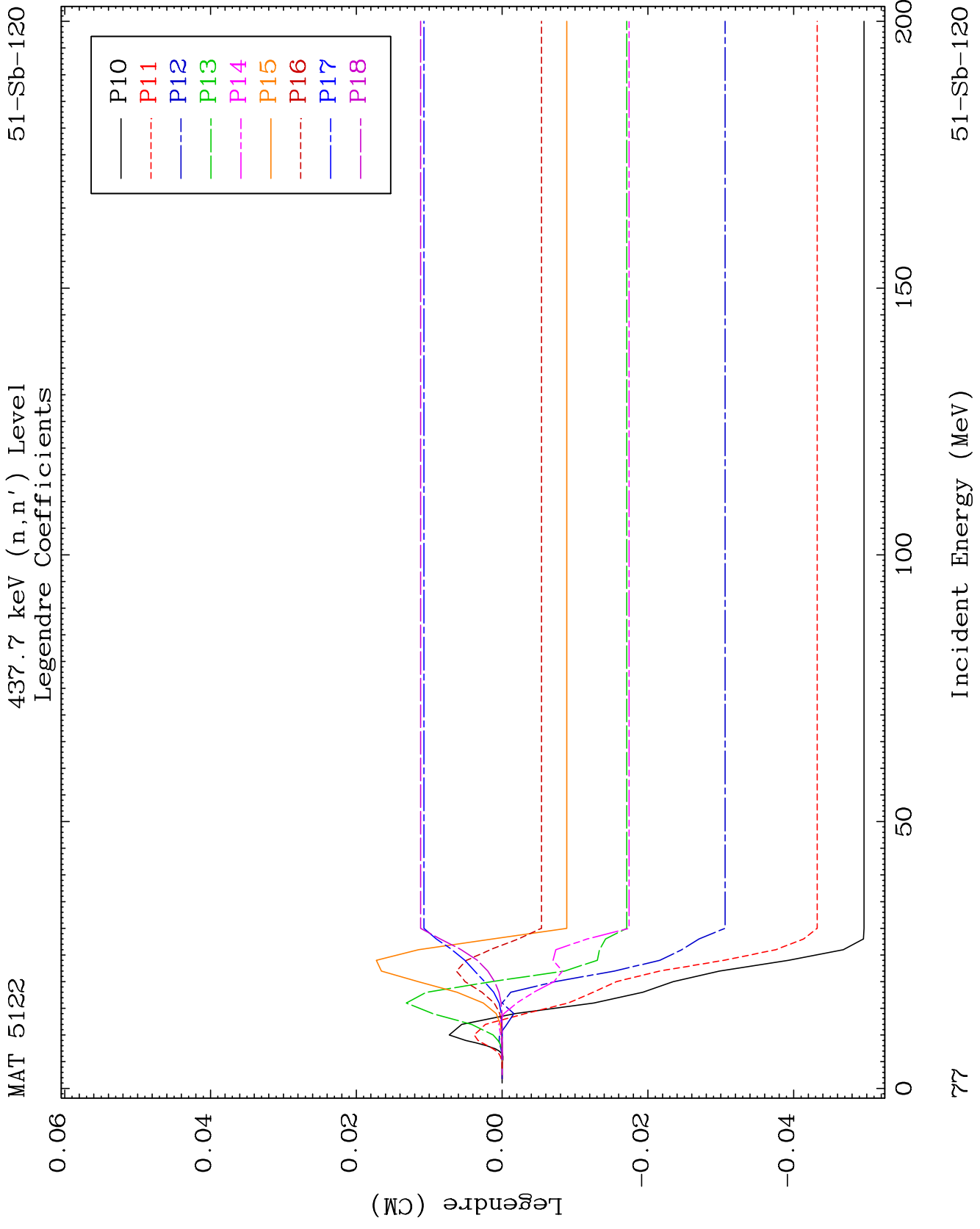








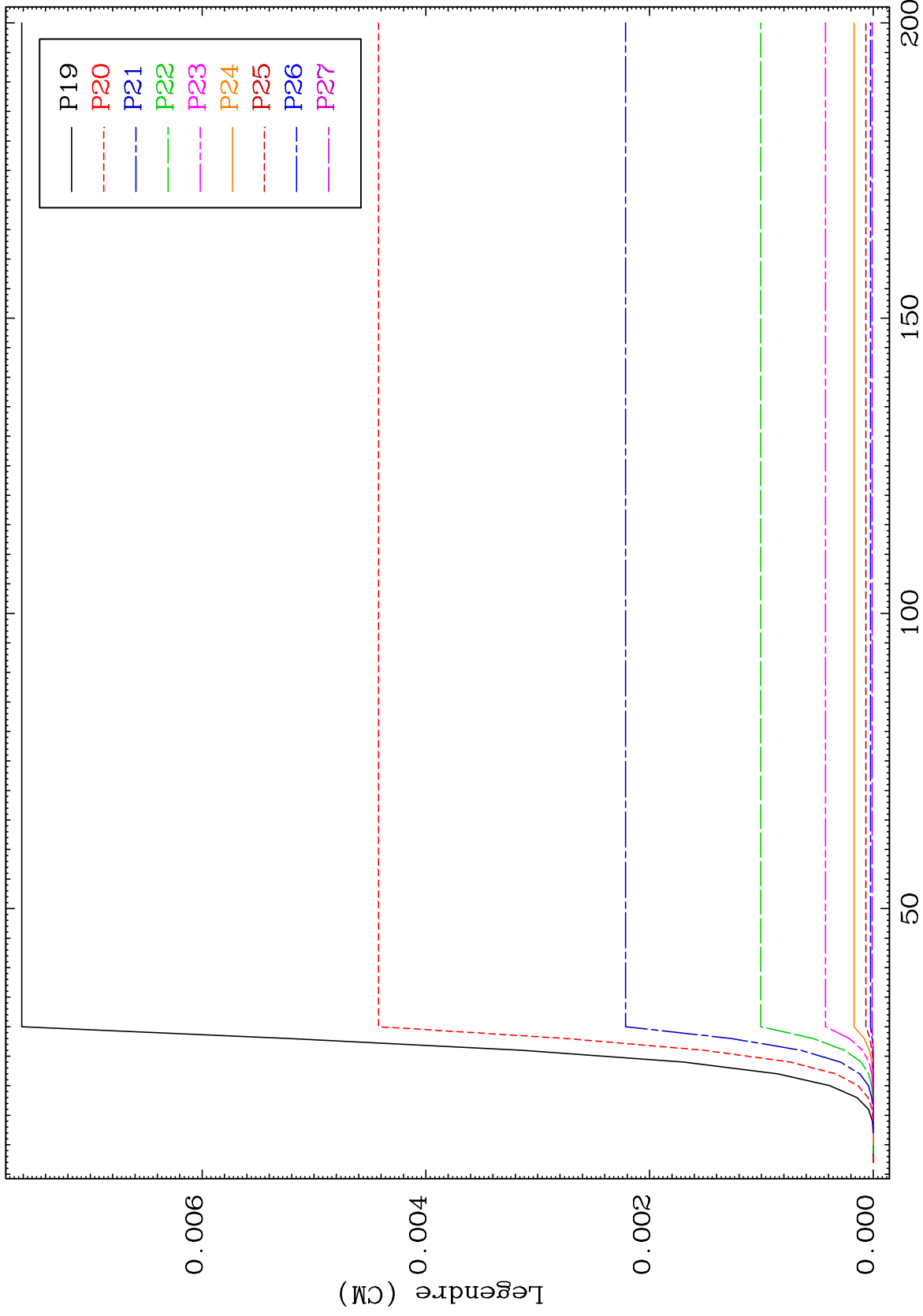




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437.7 keV (n,n') Level
Legendre Coefficients

51-Sb-120



78

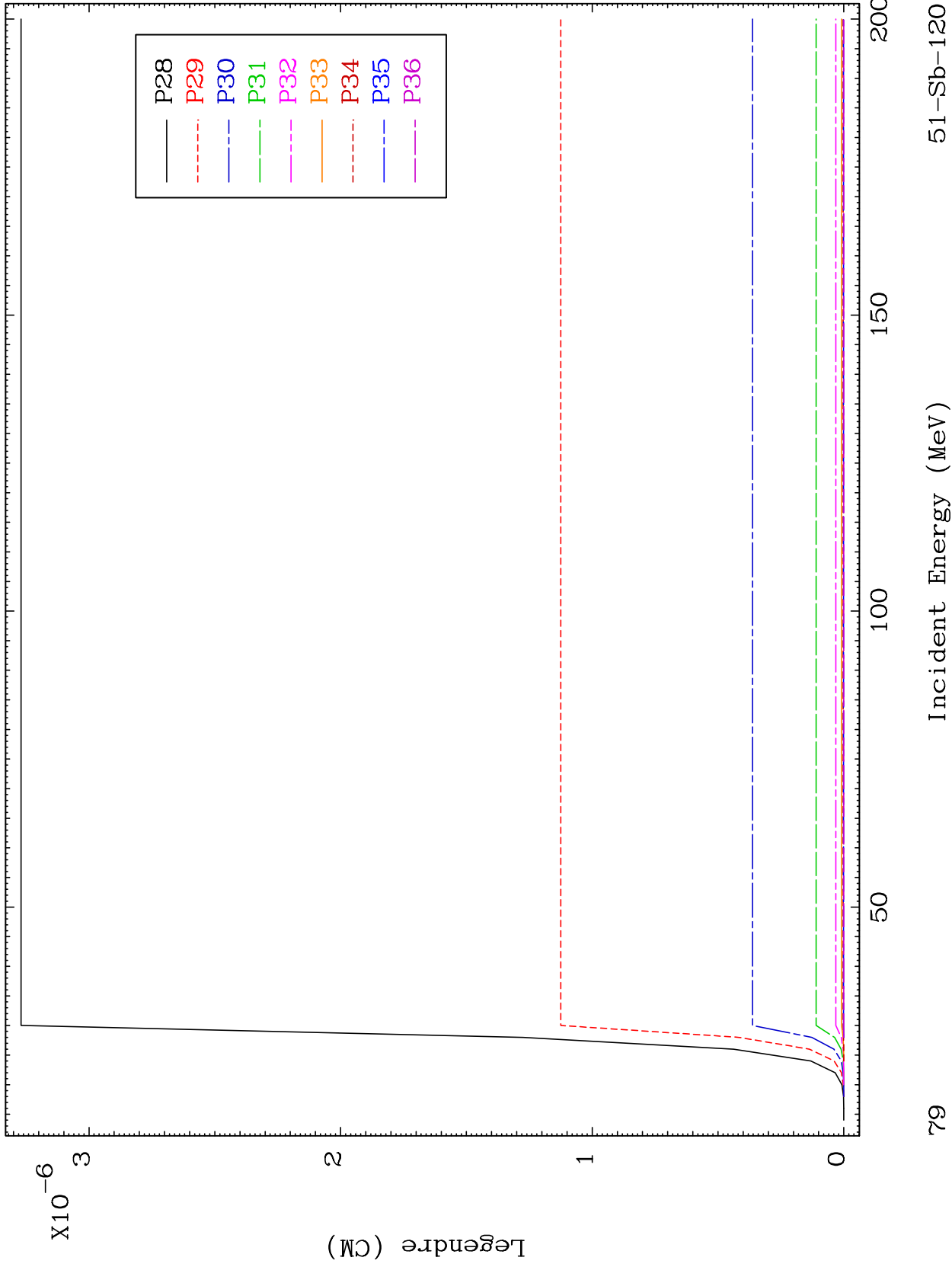
Incident Energy (MeV)

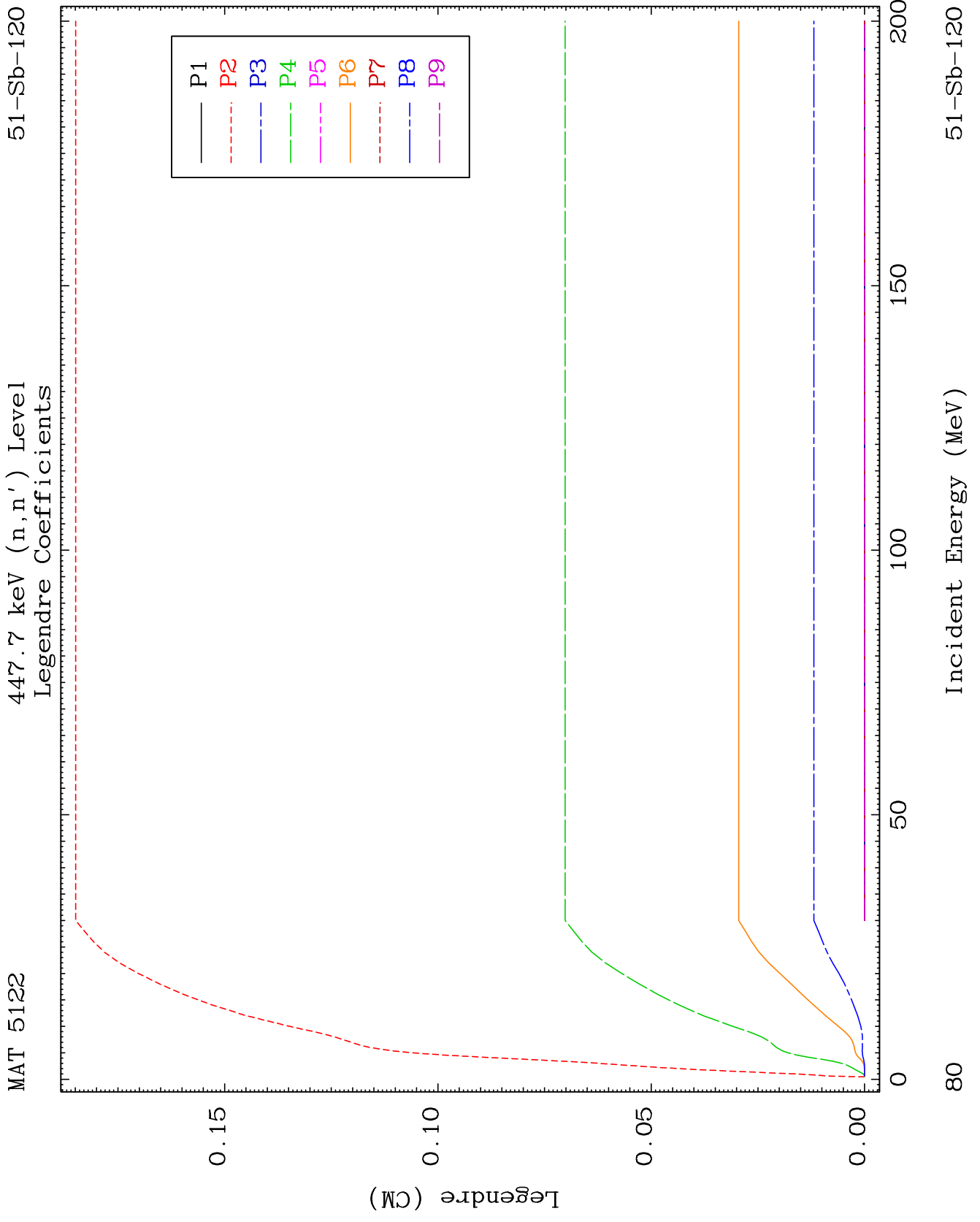
51-Sb-120

MAT 5122

437.7 keV (n,n') Level
Legendre Coefficients

51-Sb-120

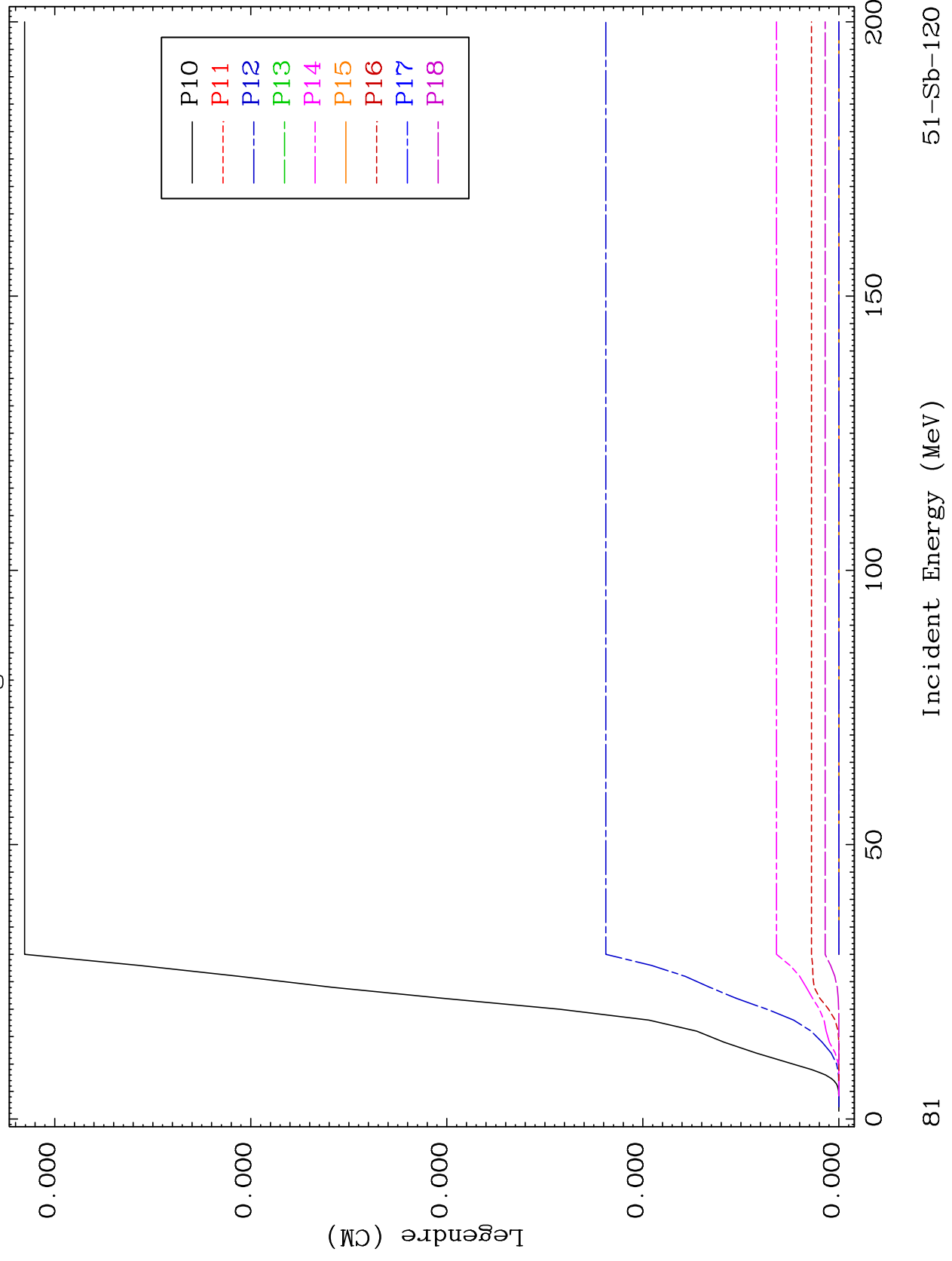




MAT 5122

447.7 keV (n,n') Level
Legendre Coefficients

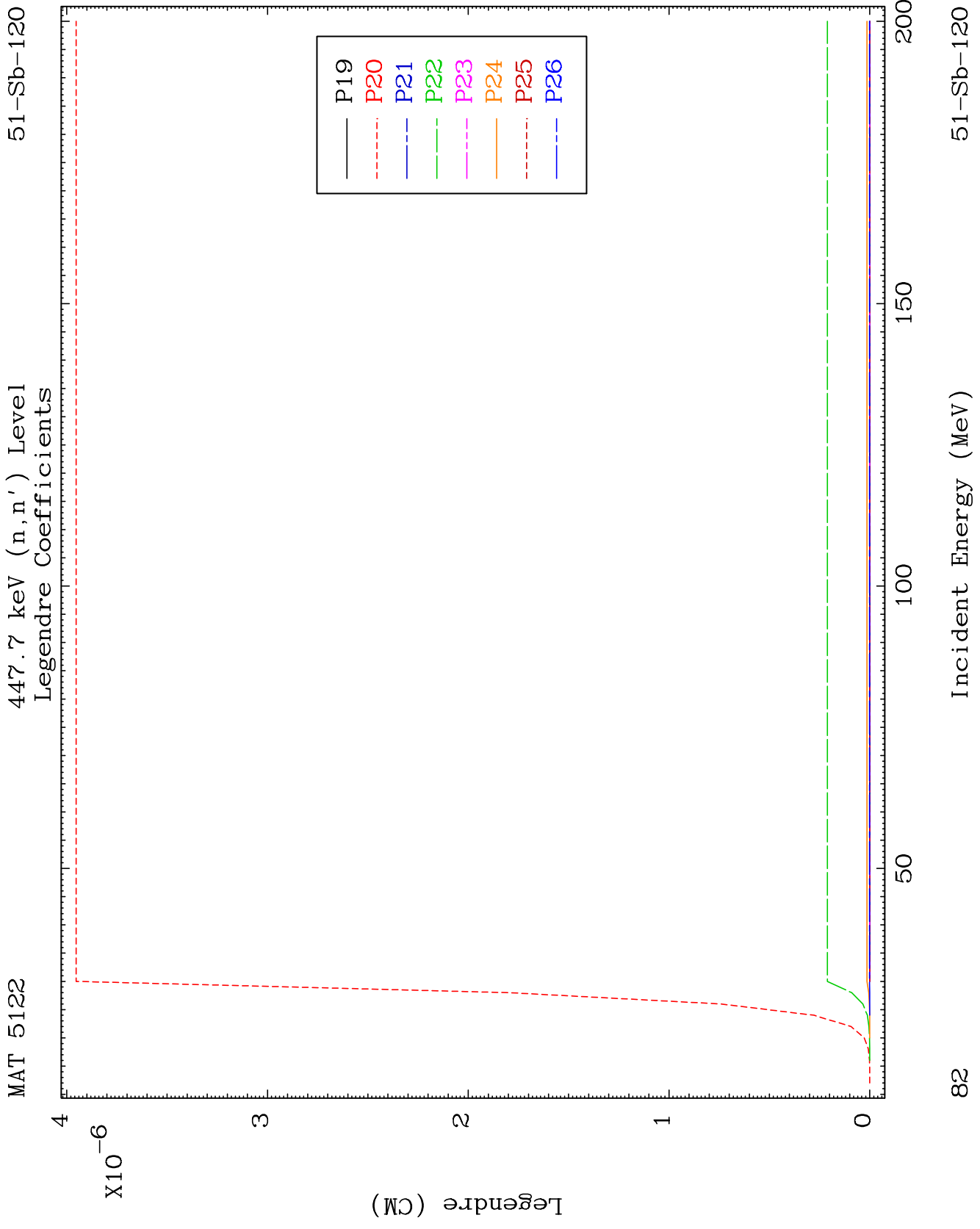
51-Sb-120



81

Incident Energy (MeV)

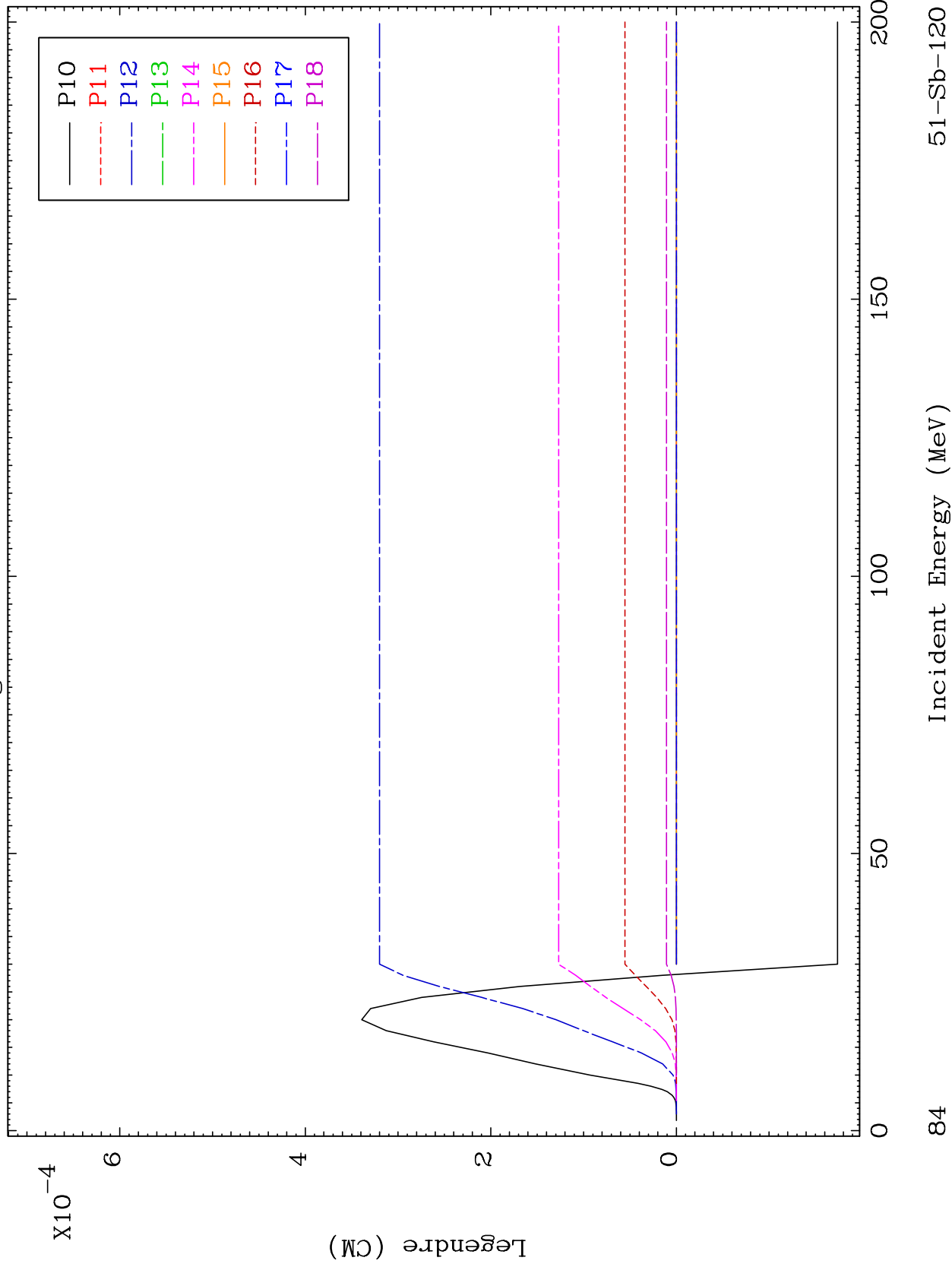
51-Sb-120



MAT 5122

551.9 keV (n,n') Level
Legendre Coefficients

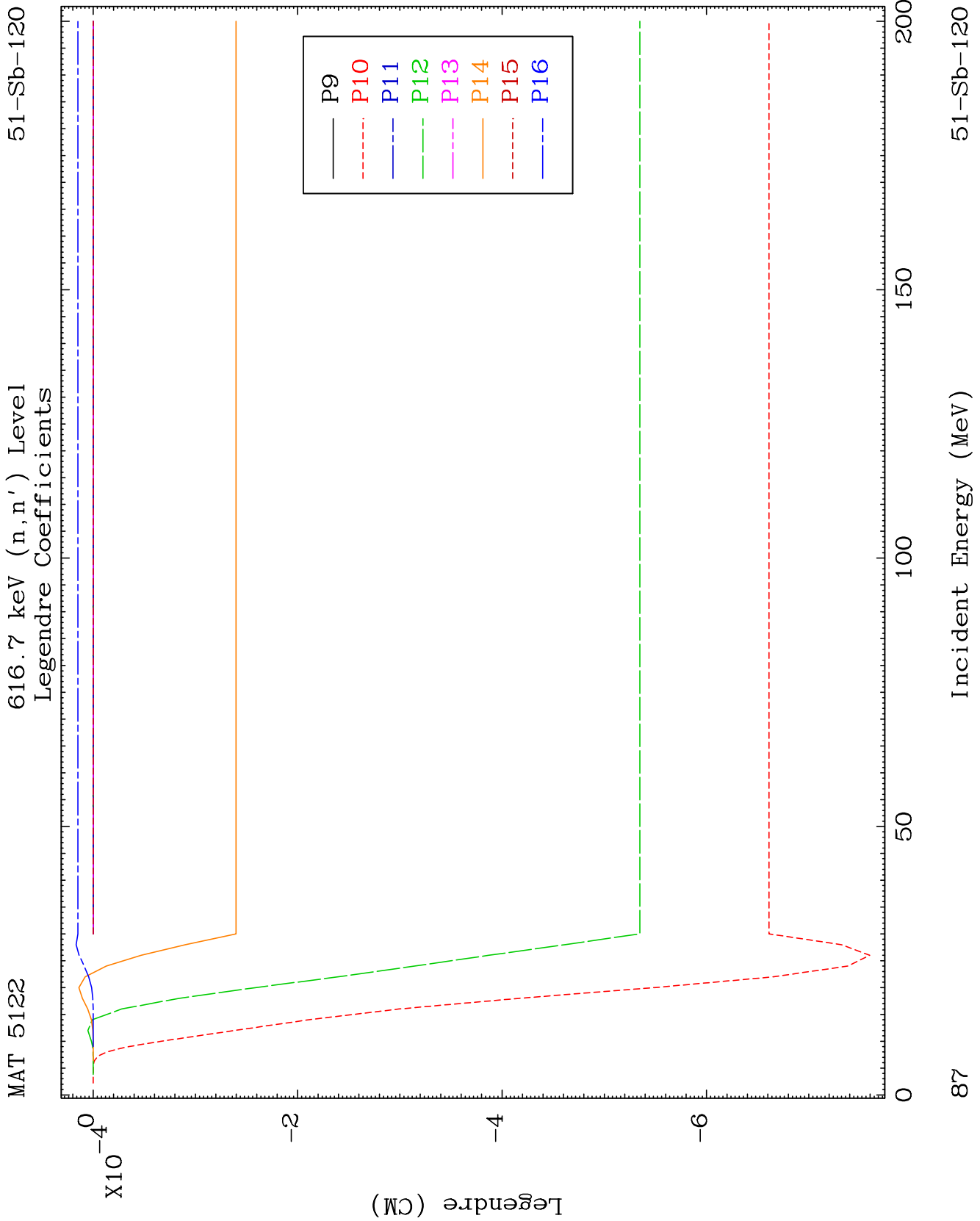
51-Sb-120

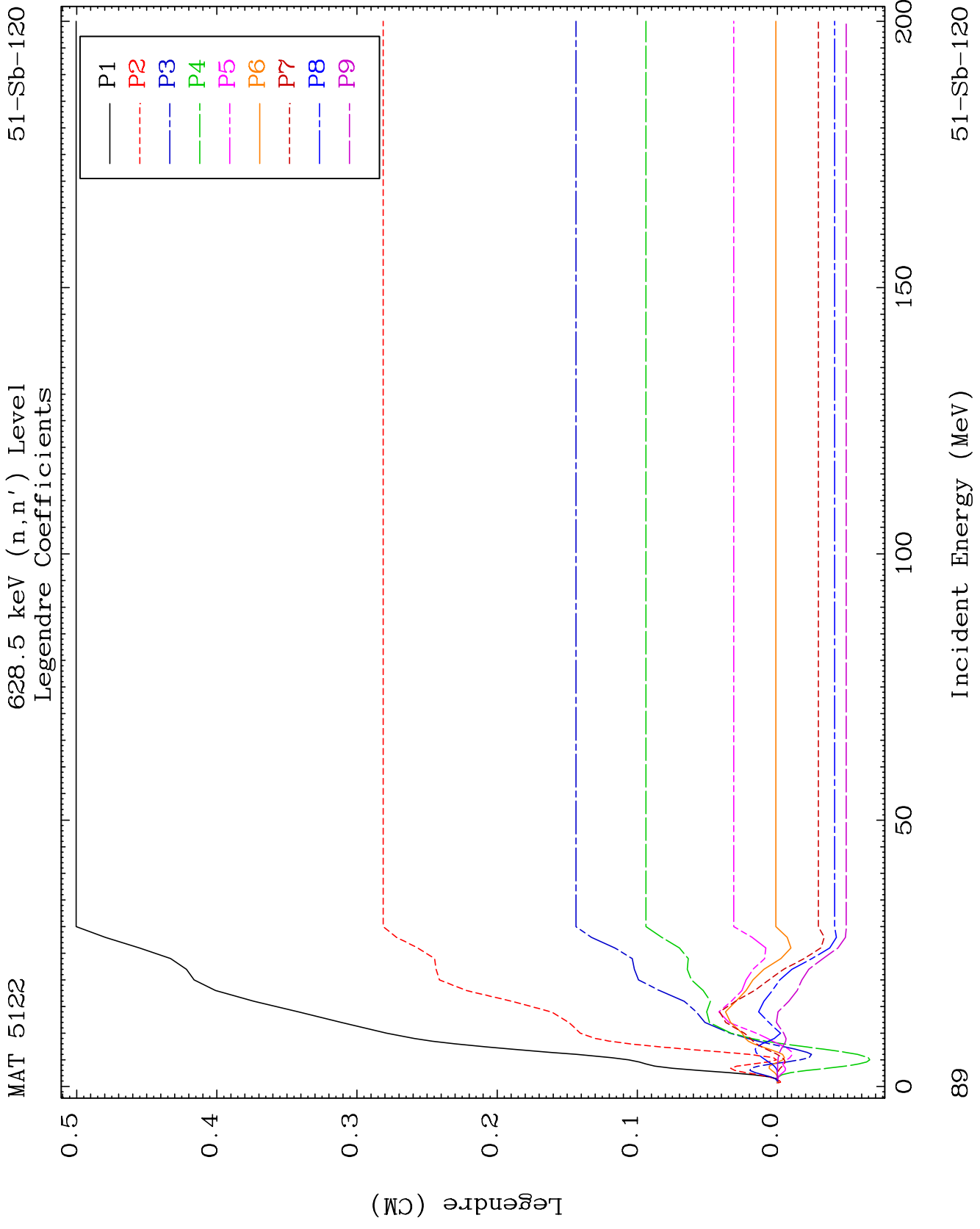


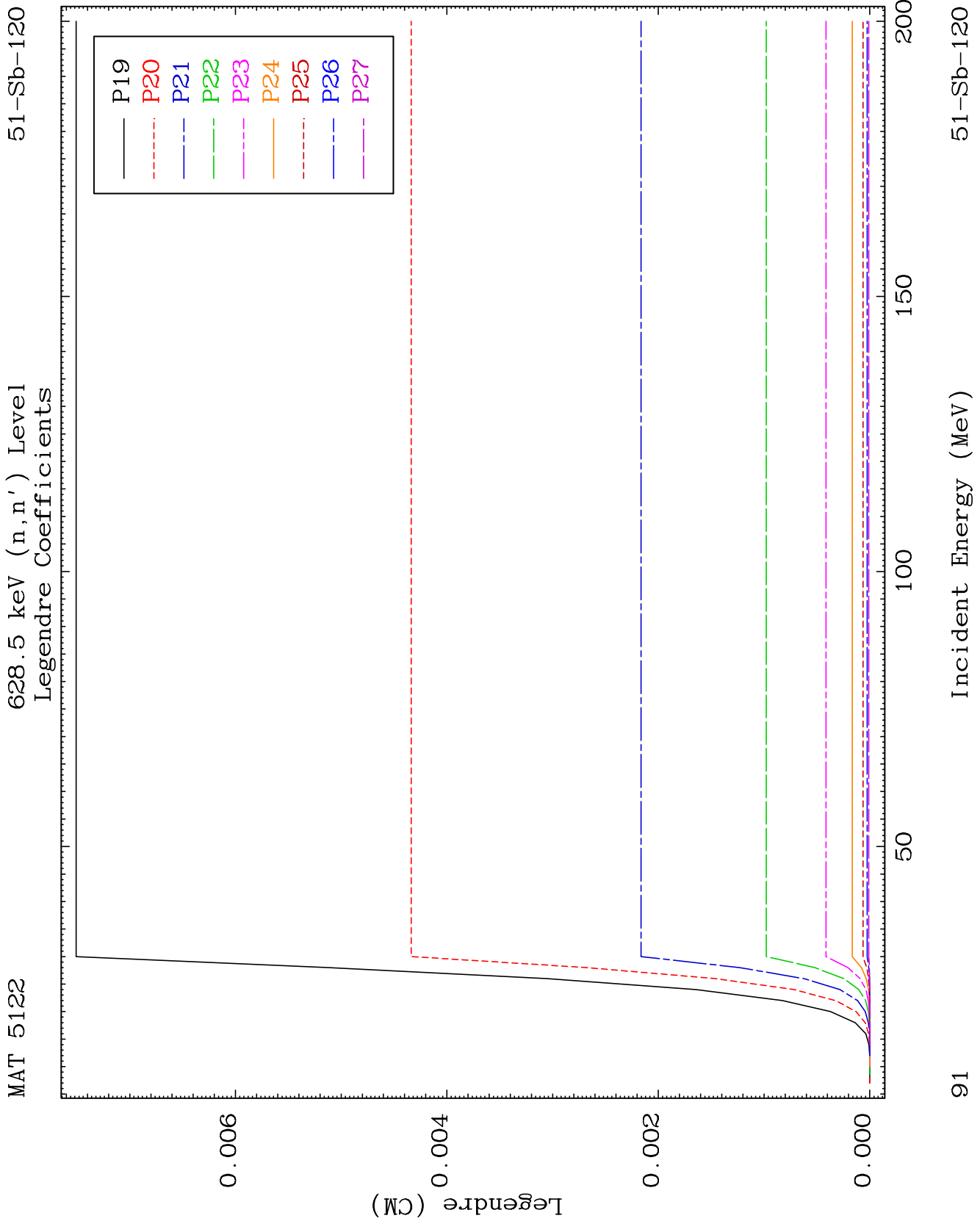
84

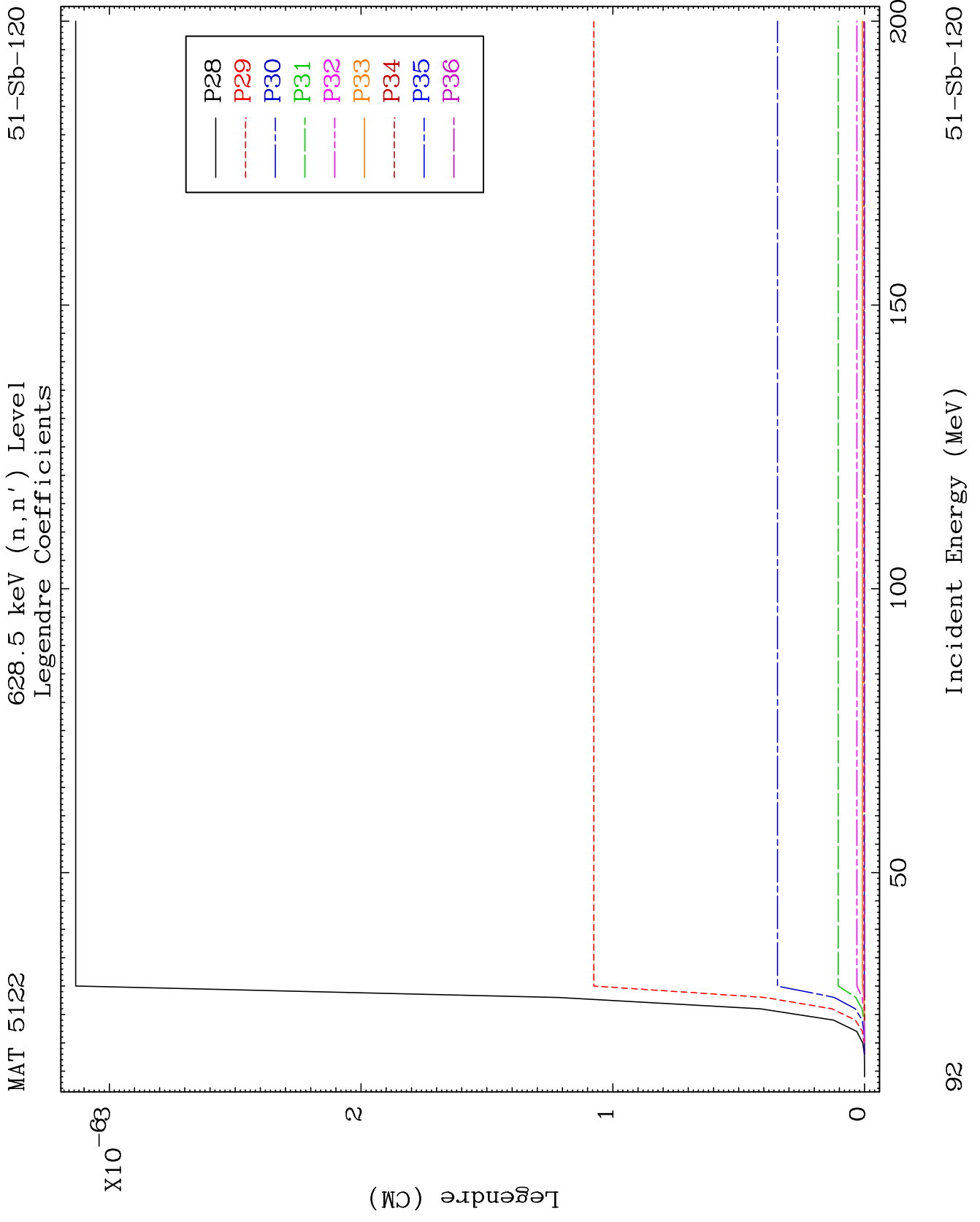
Incident Energy (MeV)

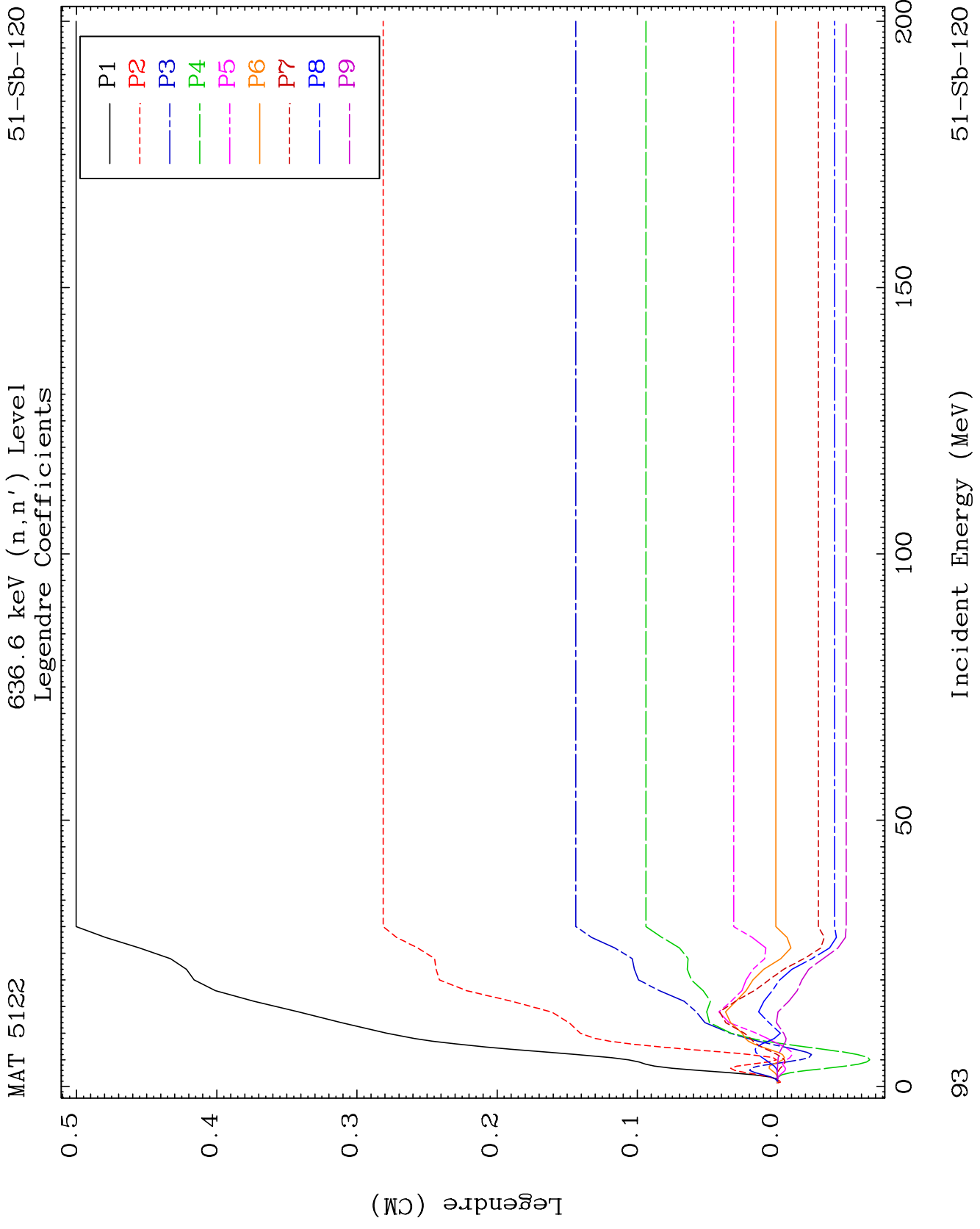
51-Sb-120

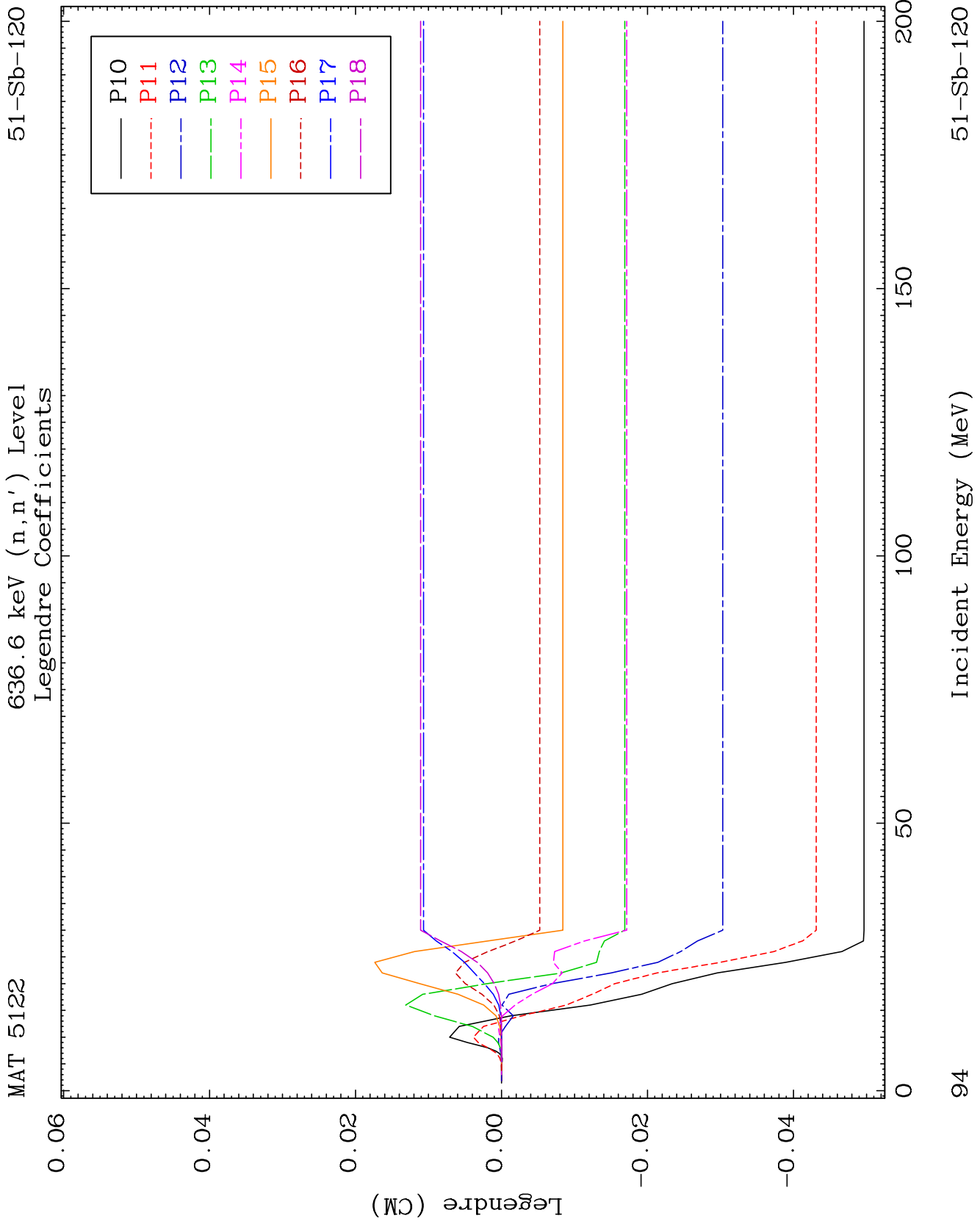


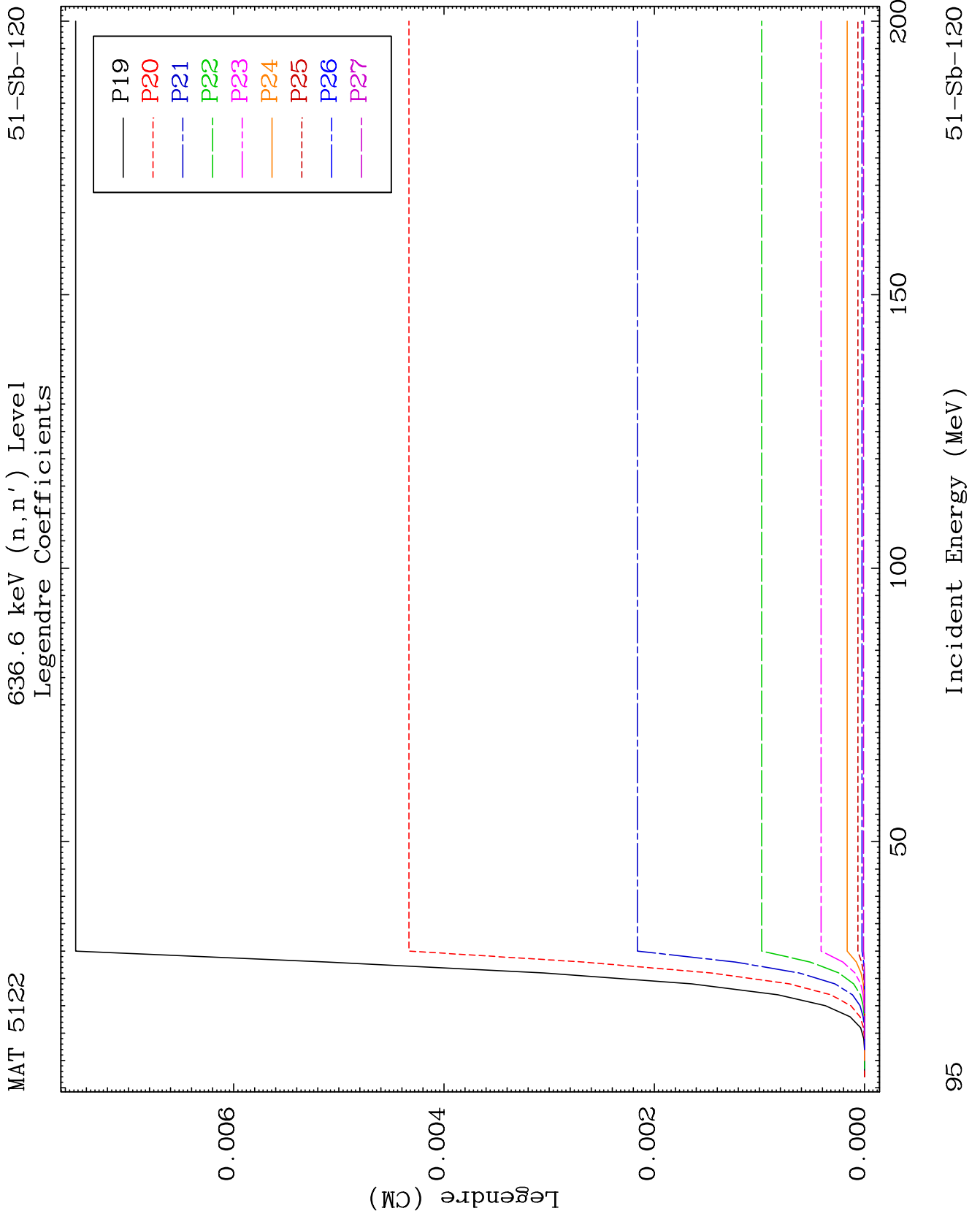


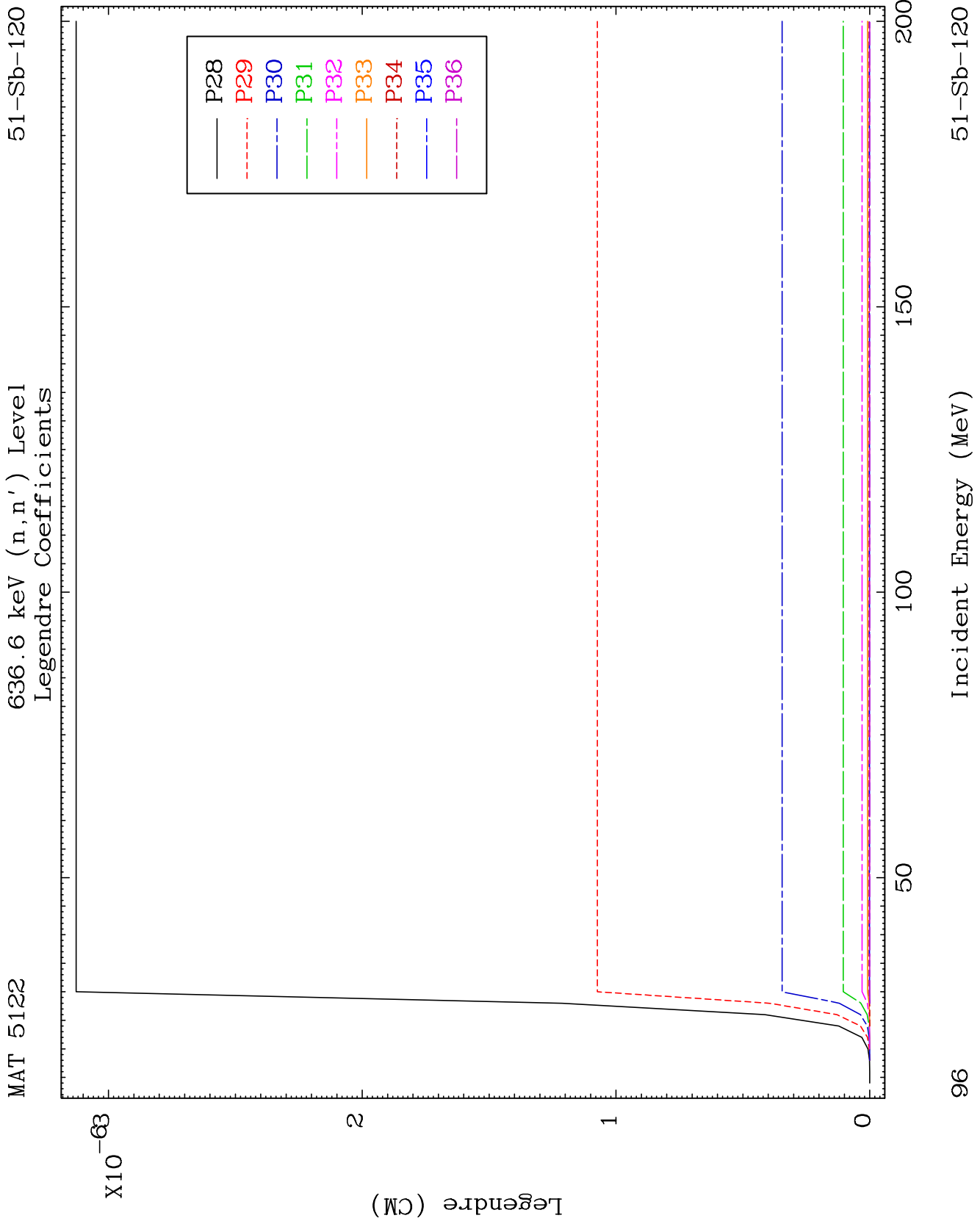


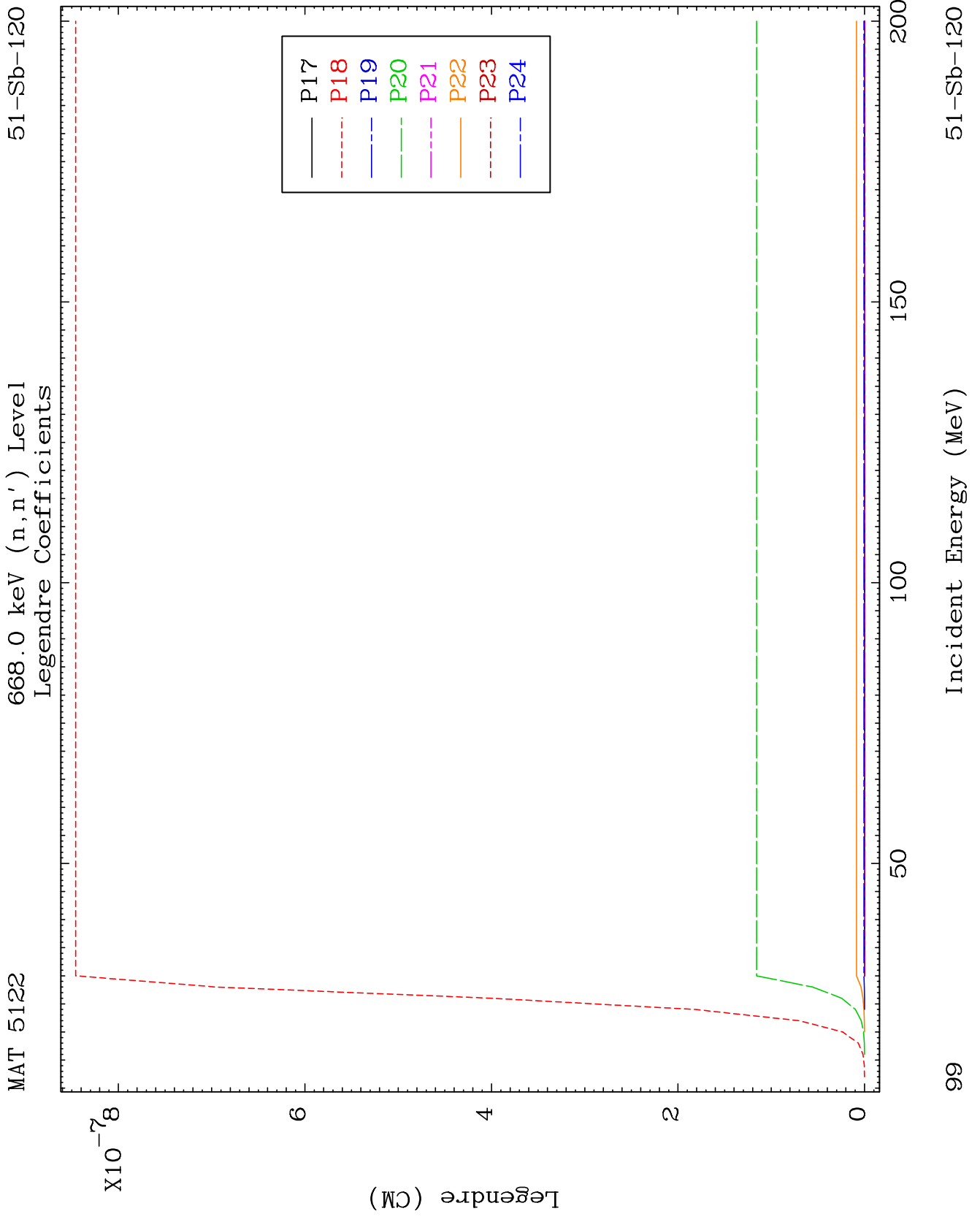


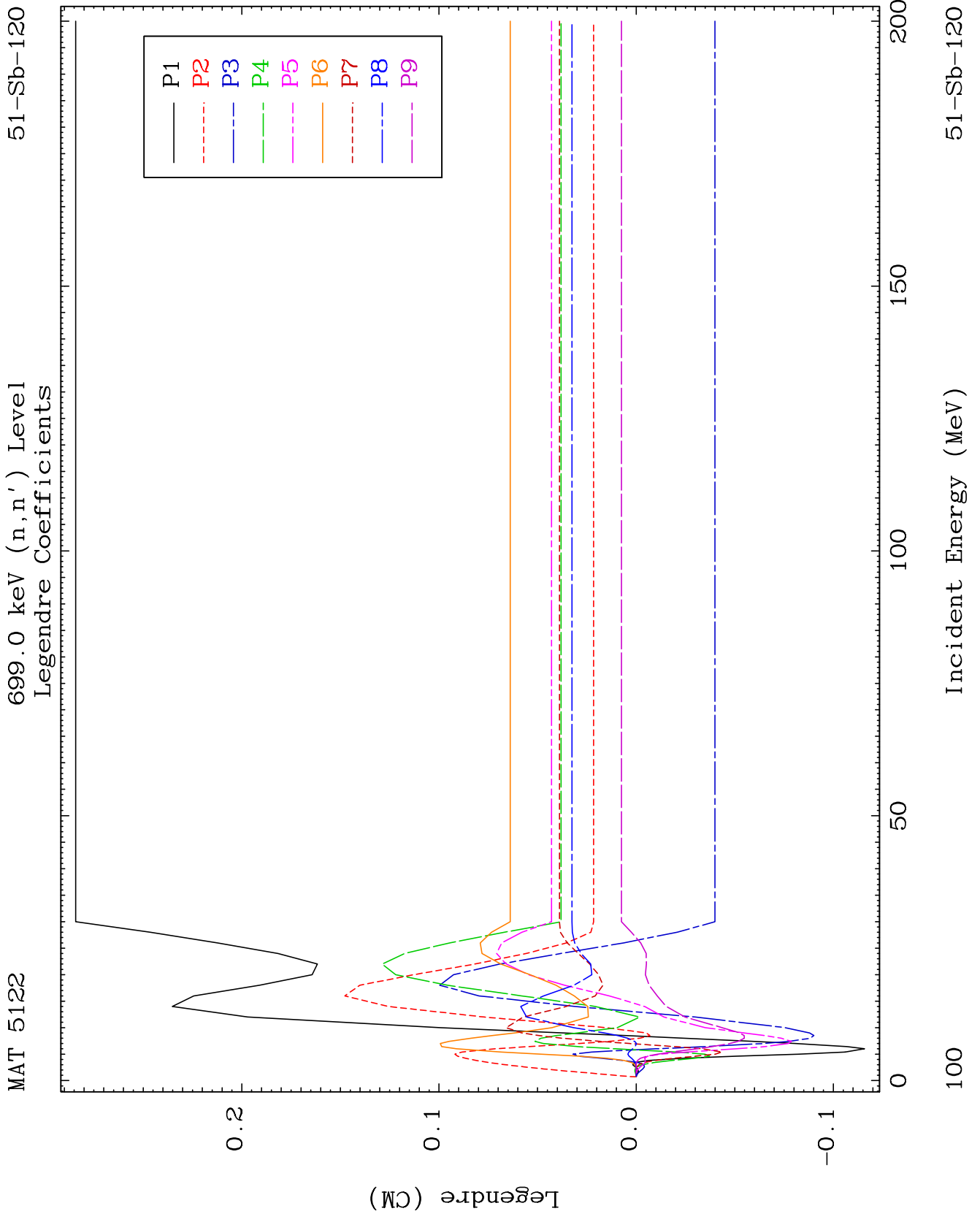








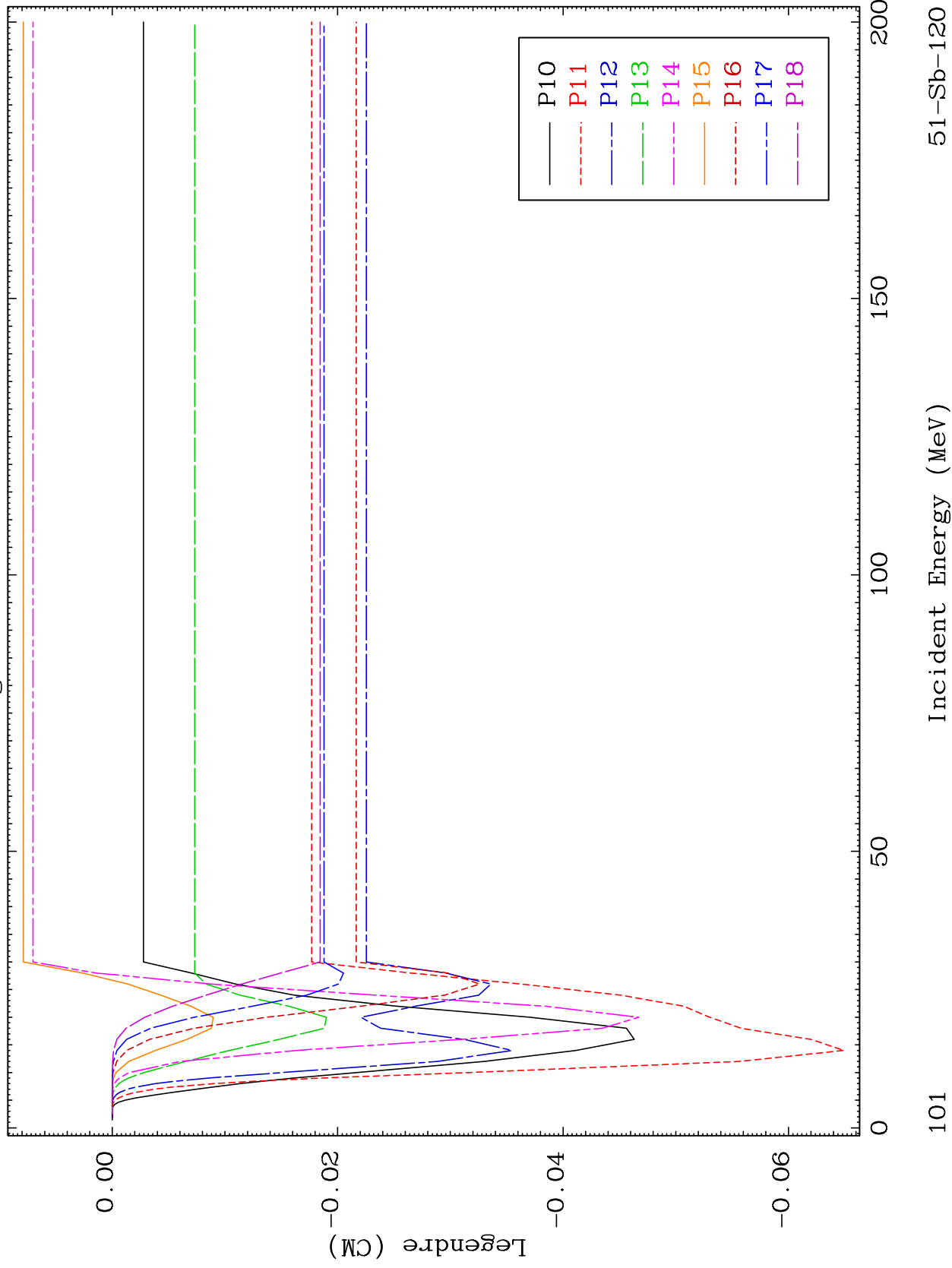




MAT 5122

699.0 keV (n,n') Level
Legendre Coefficients

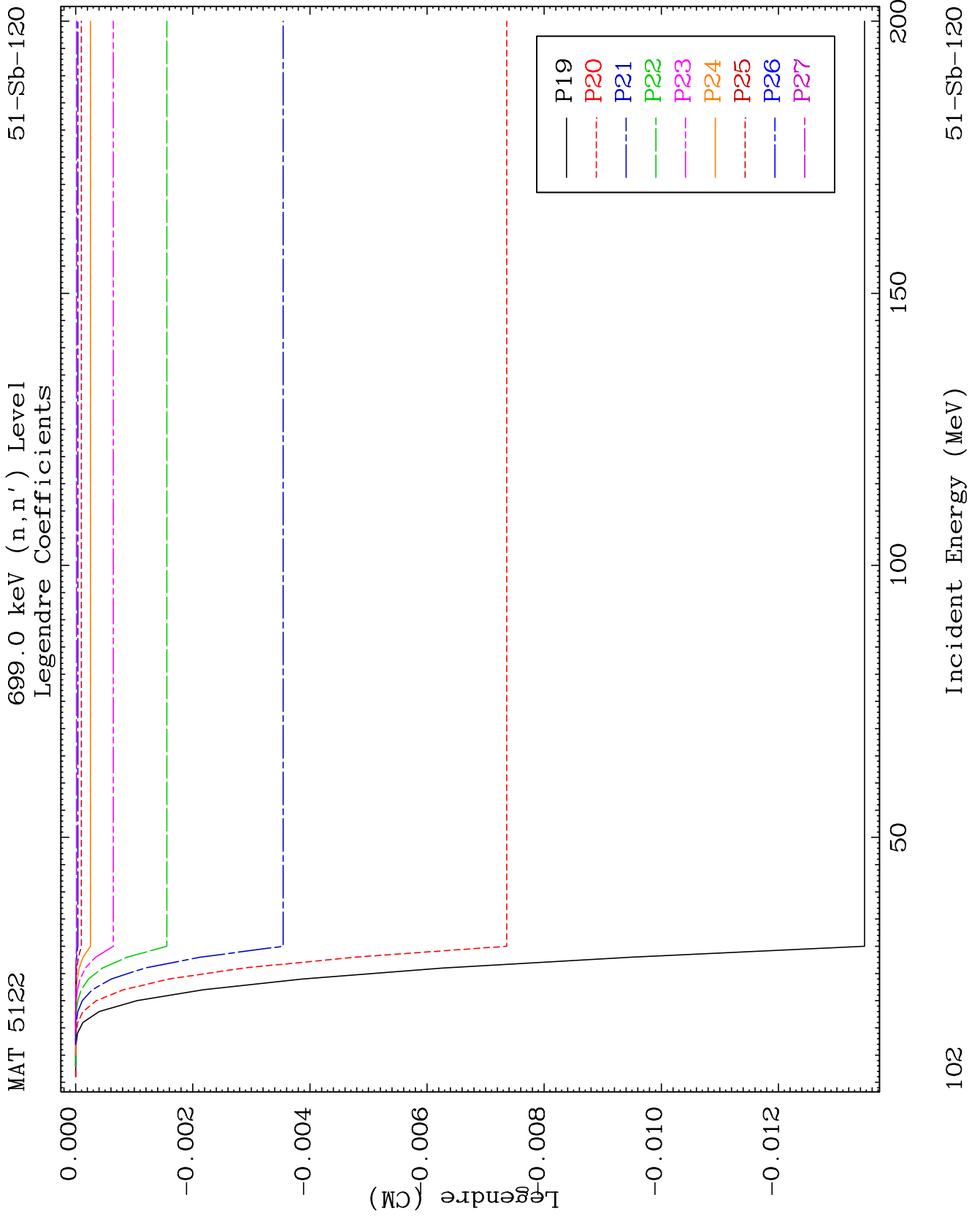
51-Sb-120

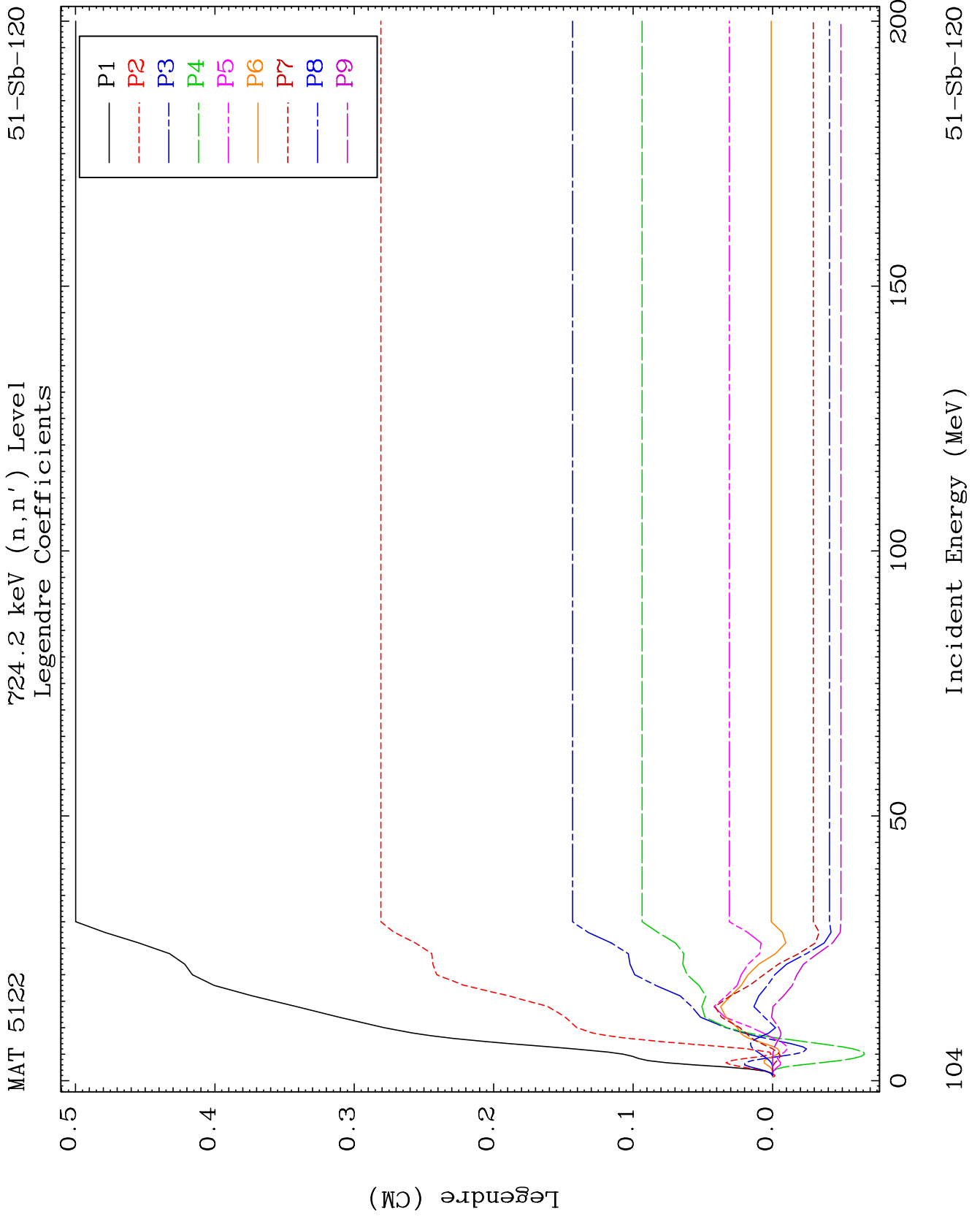


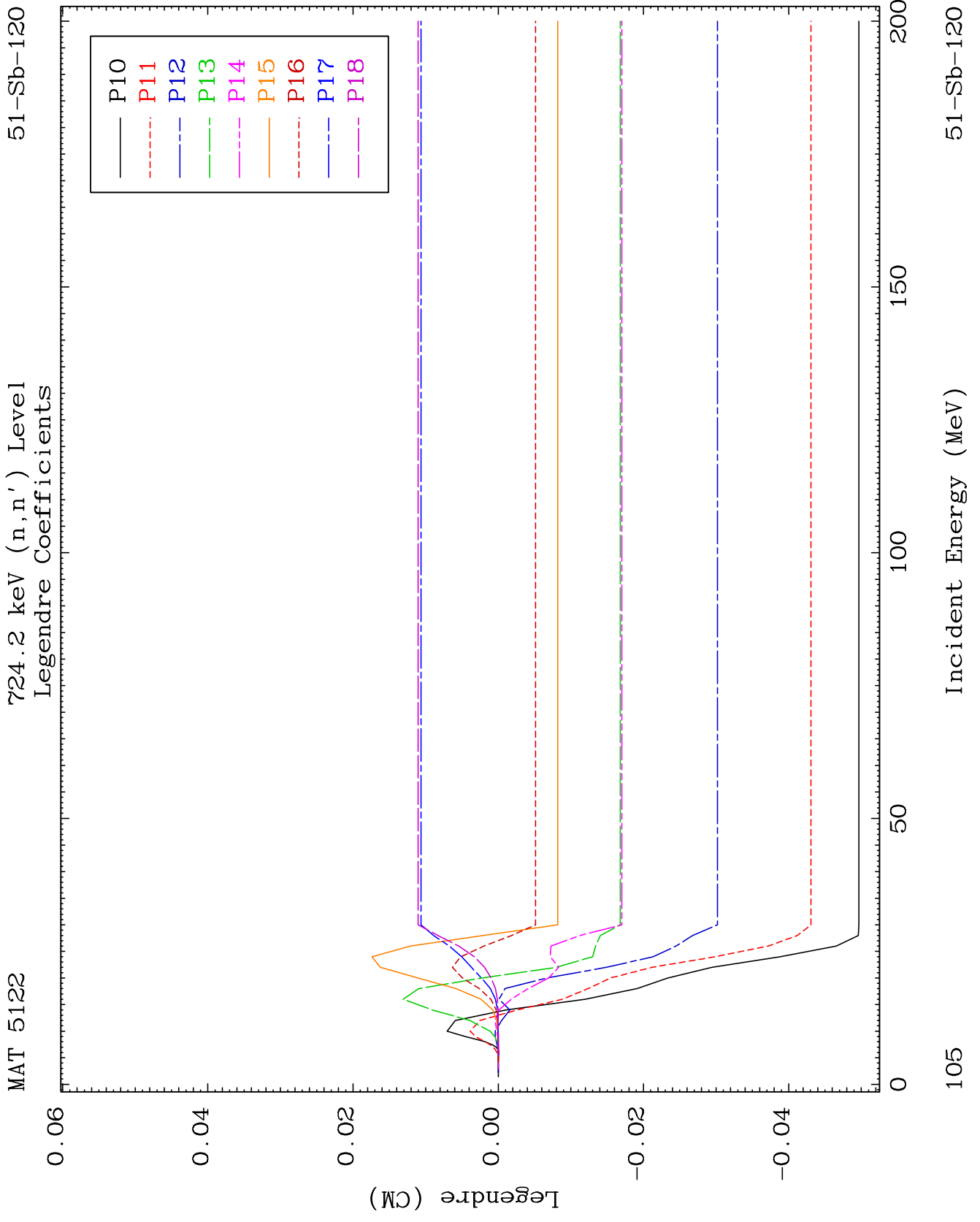
51-Sb-120

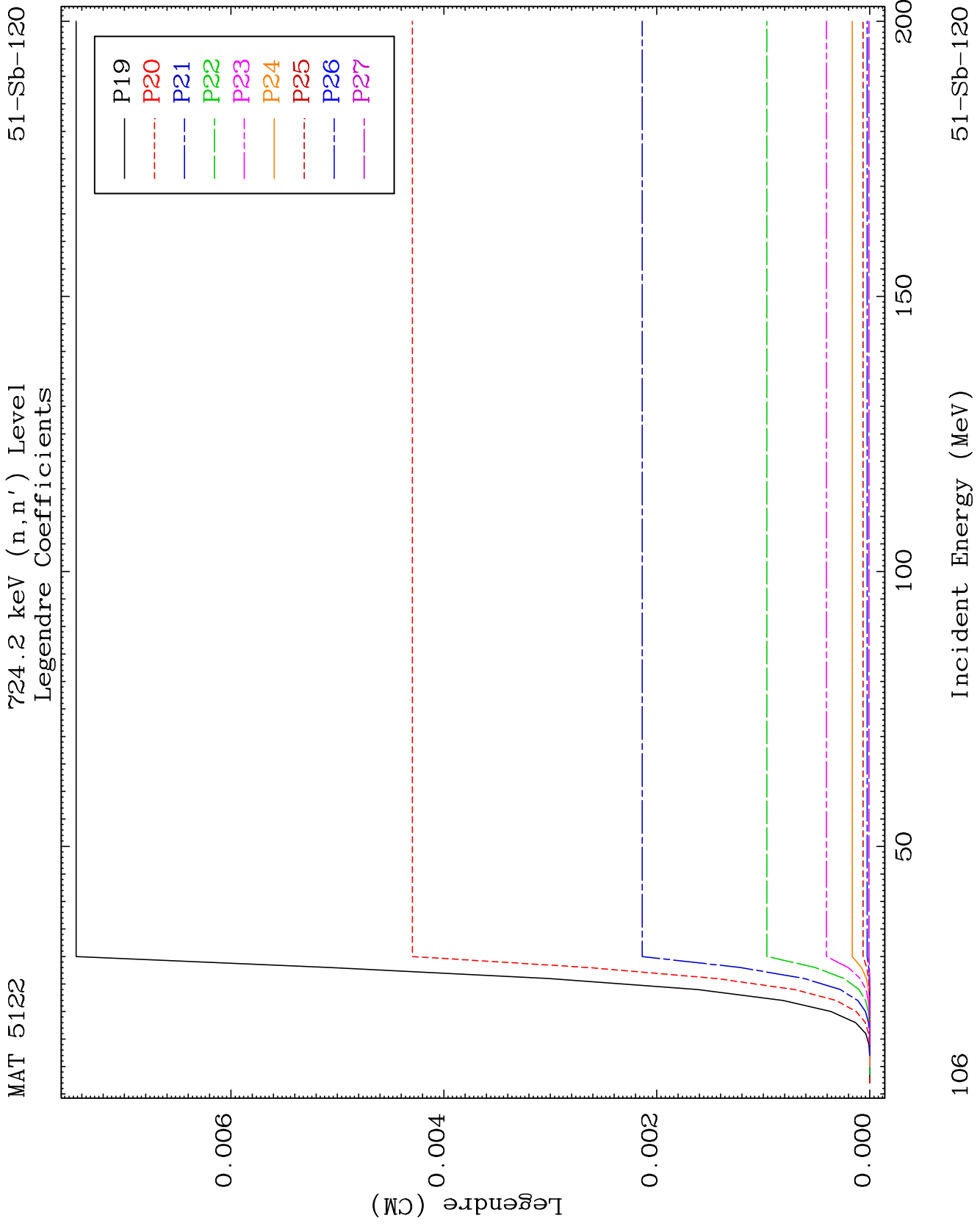
Incident Energy (MeV)

101





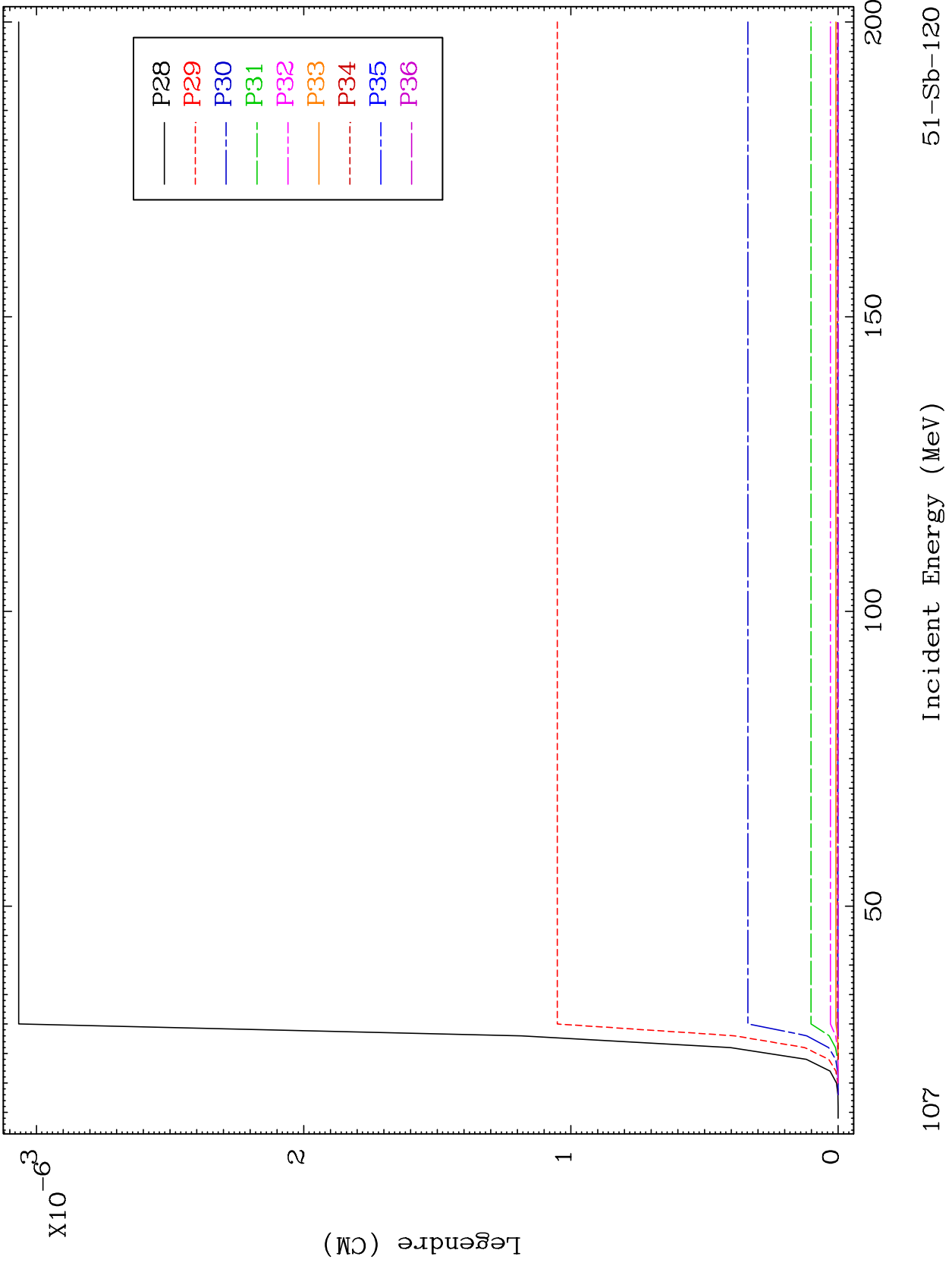




MAT 5122

724.2 keV (n,n') Level
Legendre Coefficients

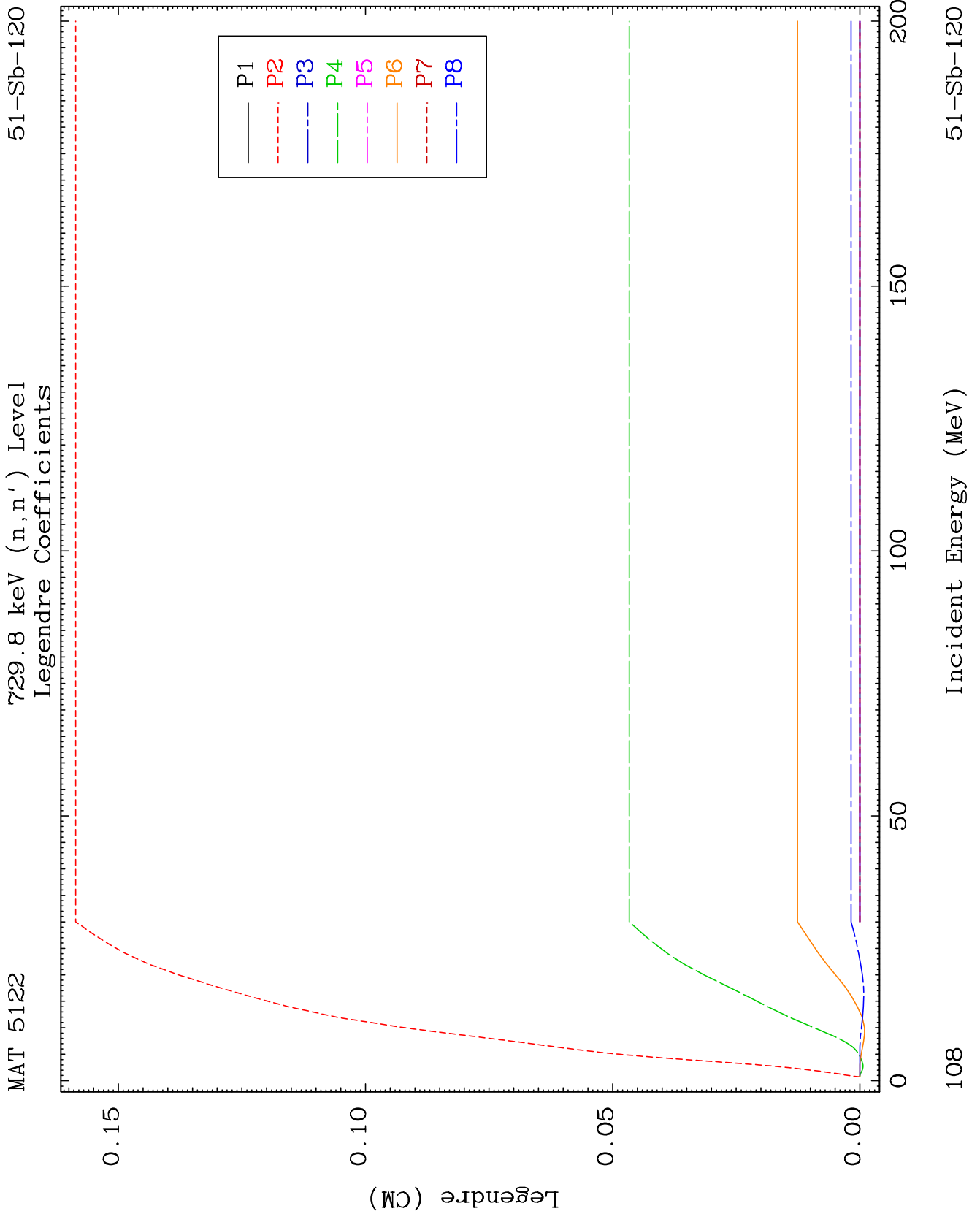
51-Sb-120

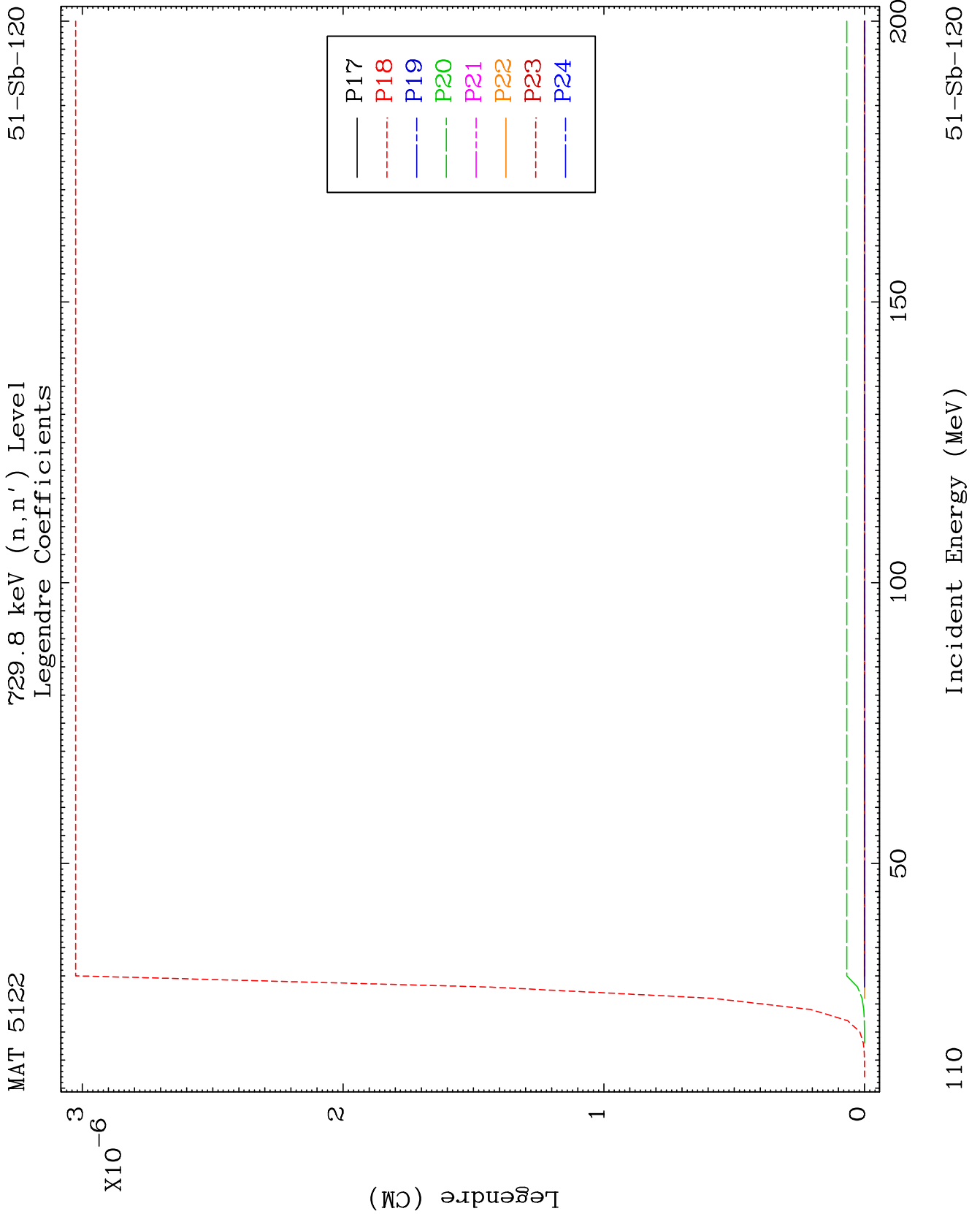


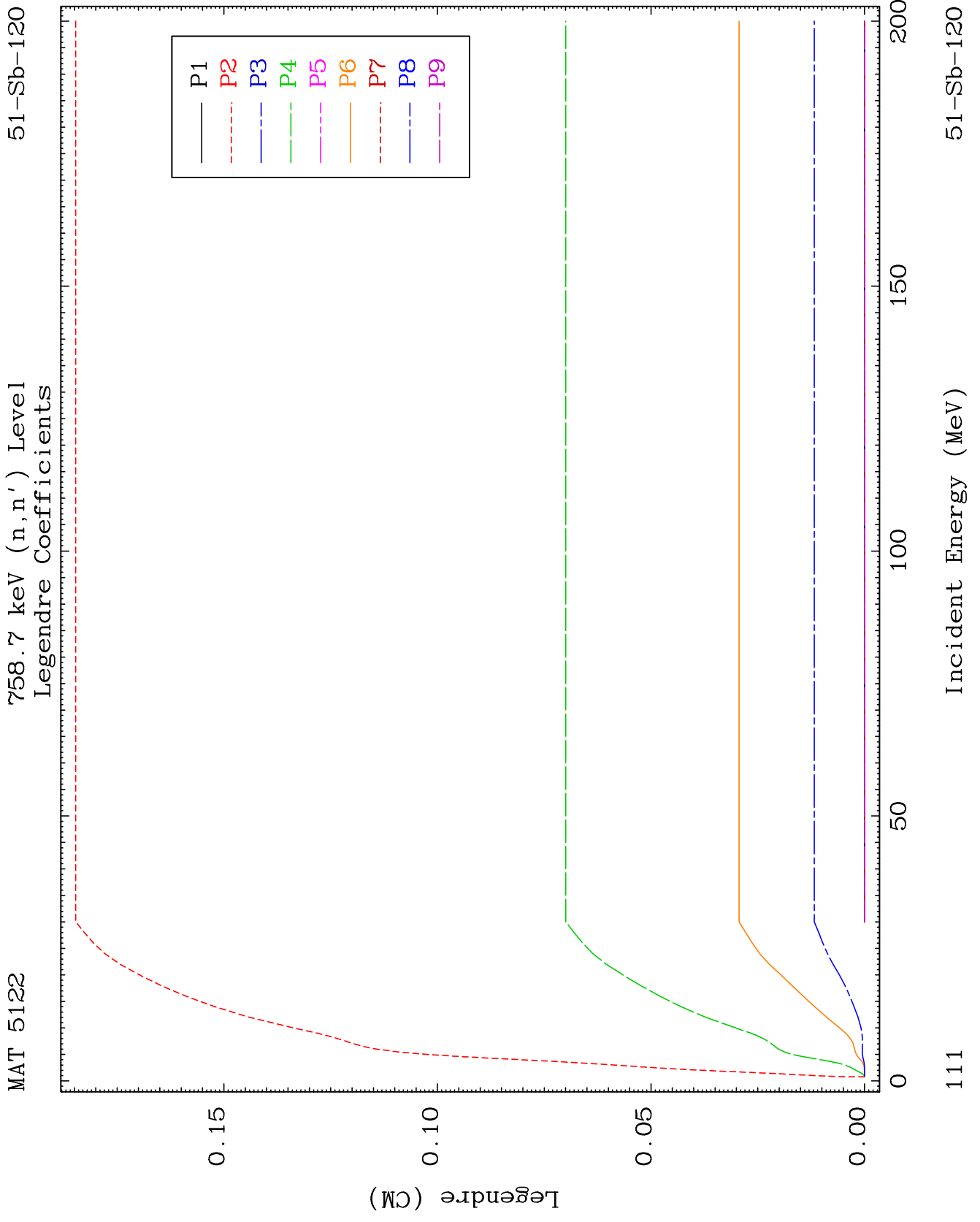
107

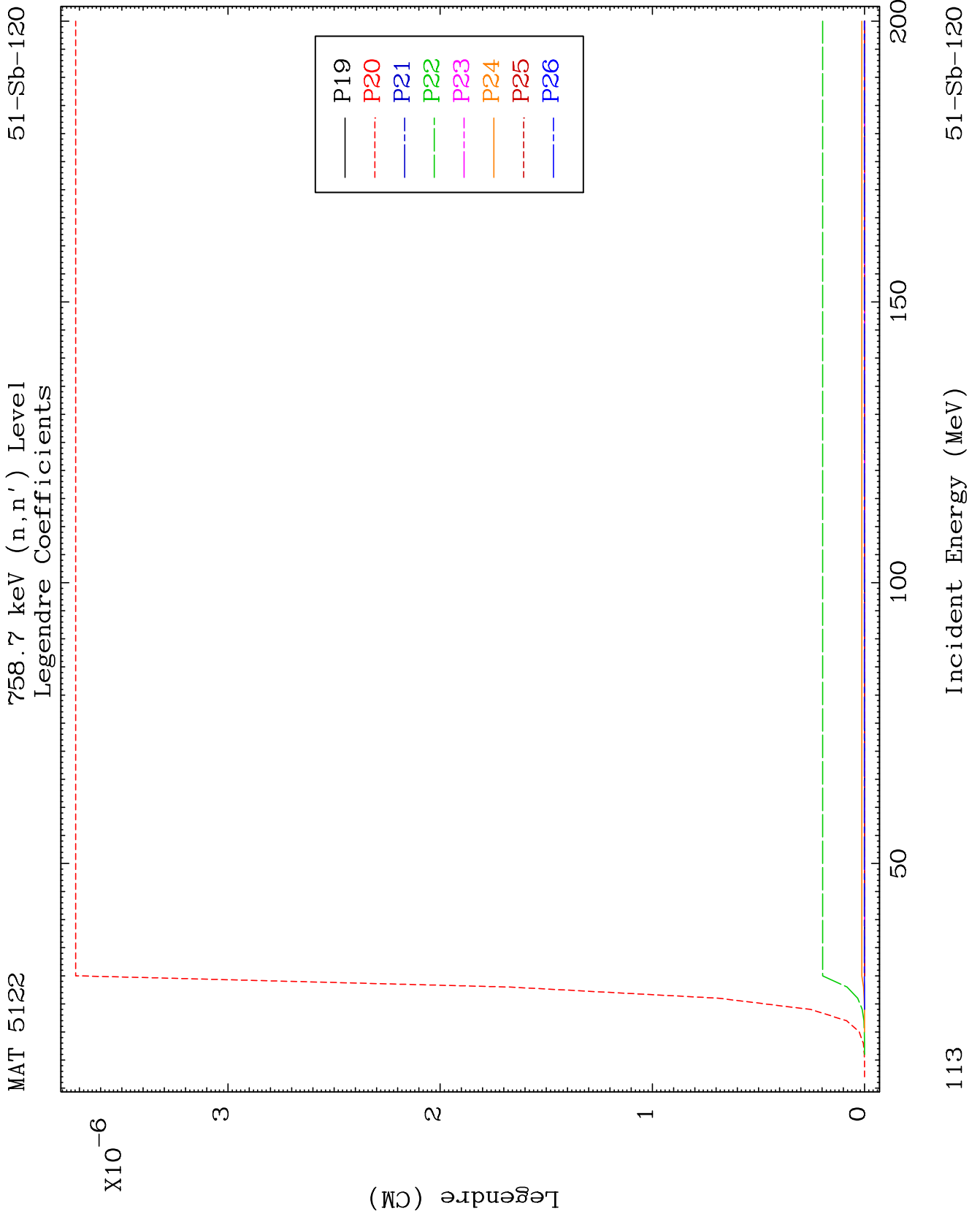
Incident Energy (MeV)

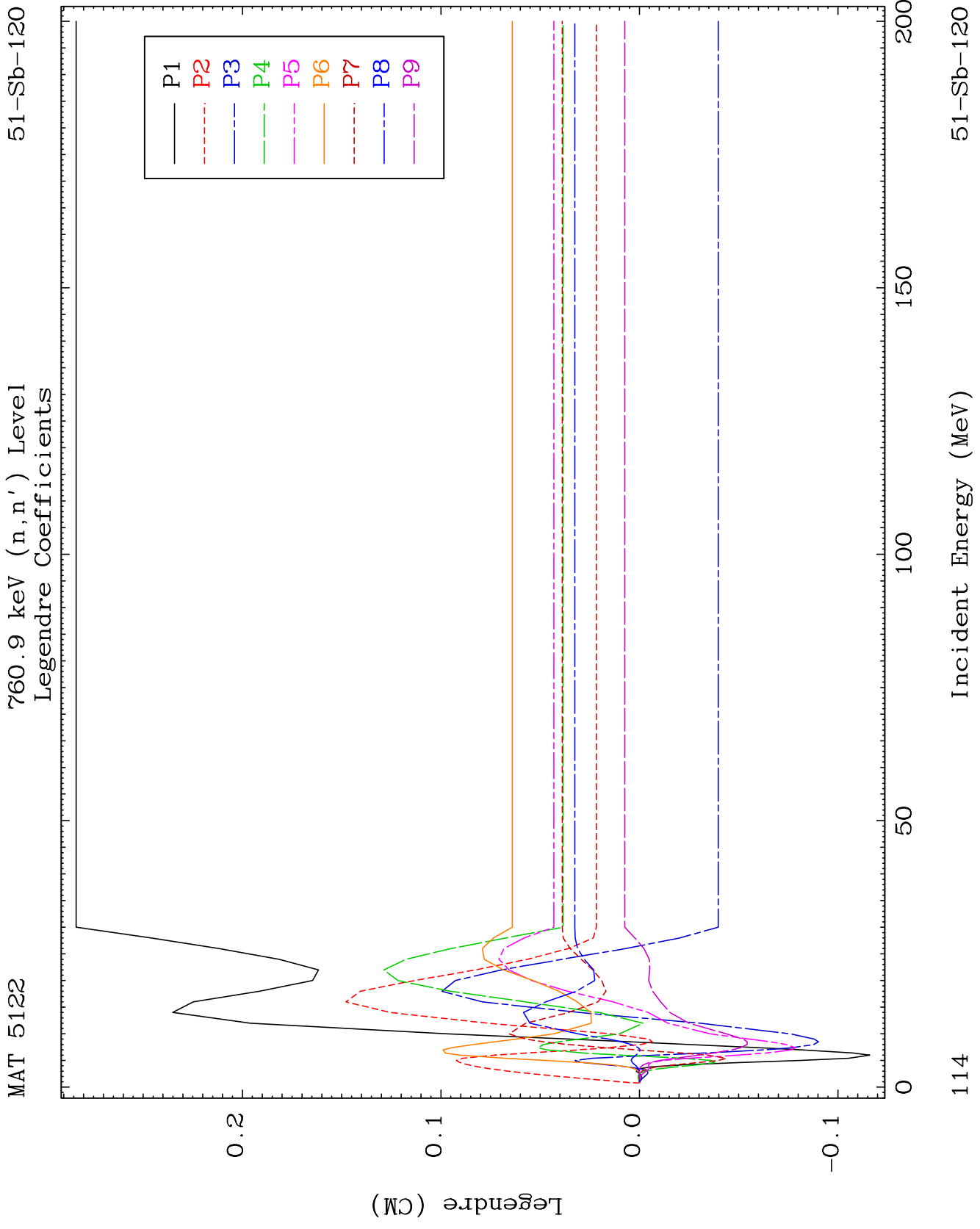
51-Sb-120

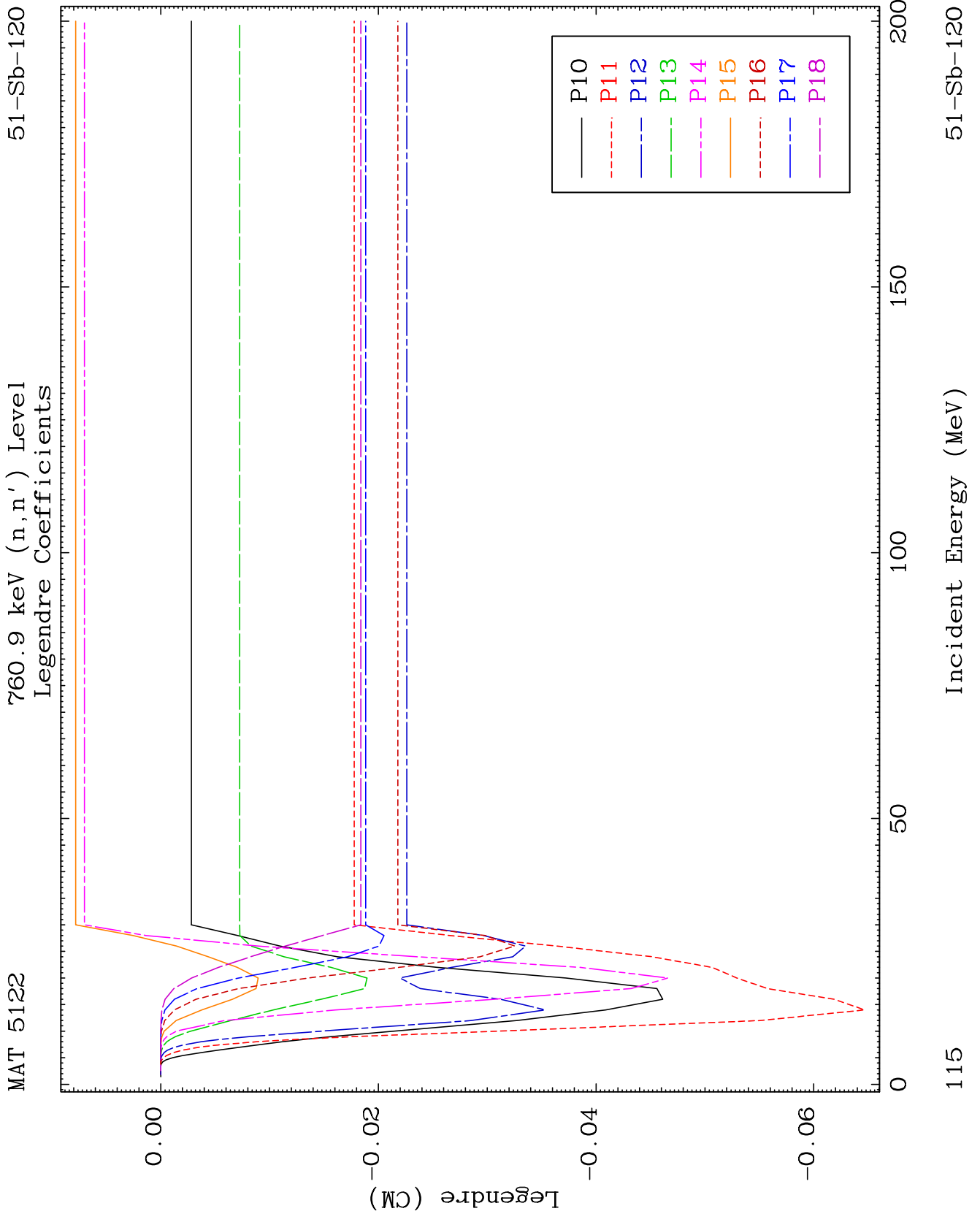


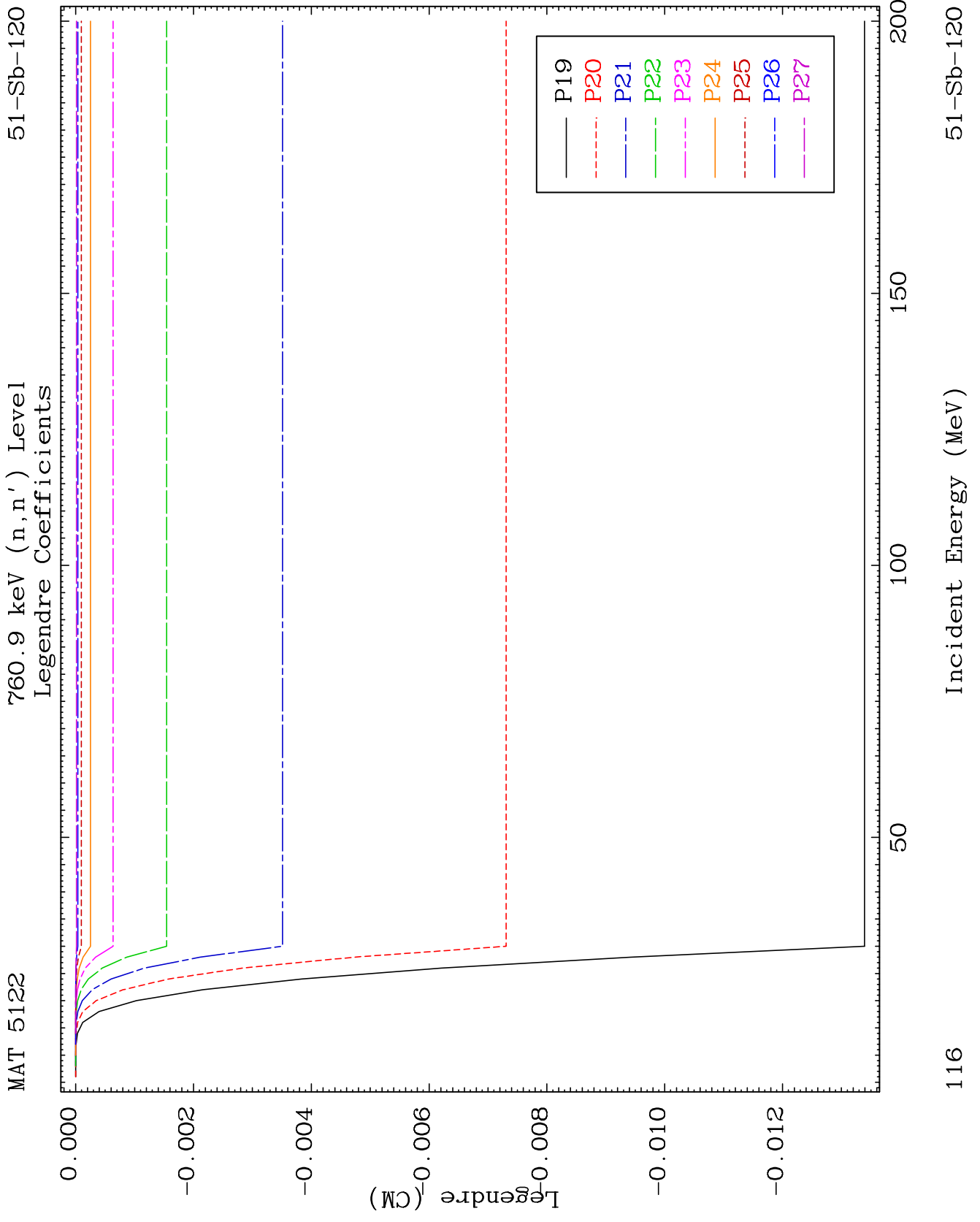


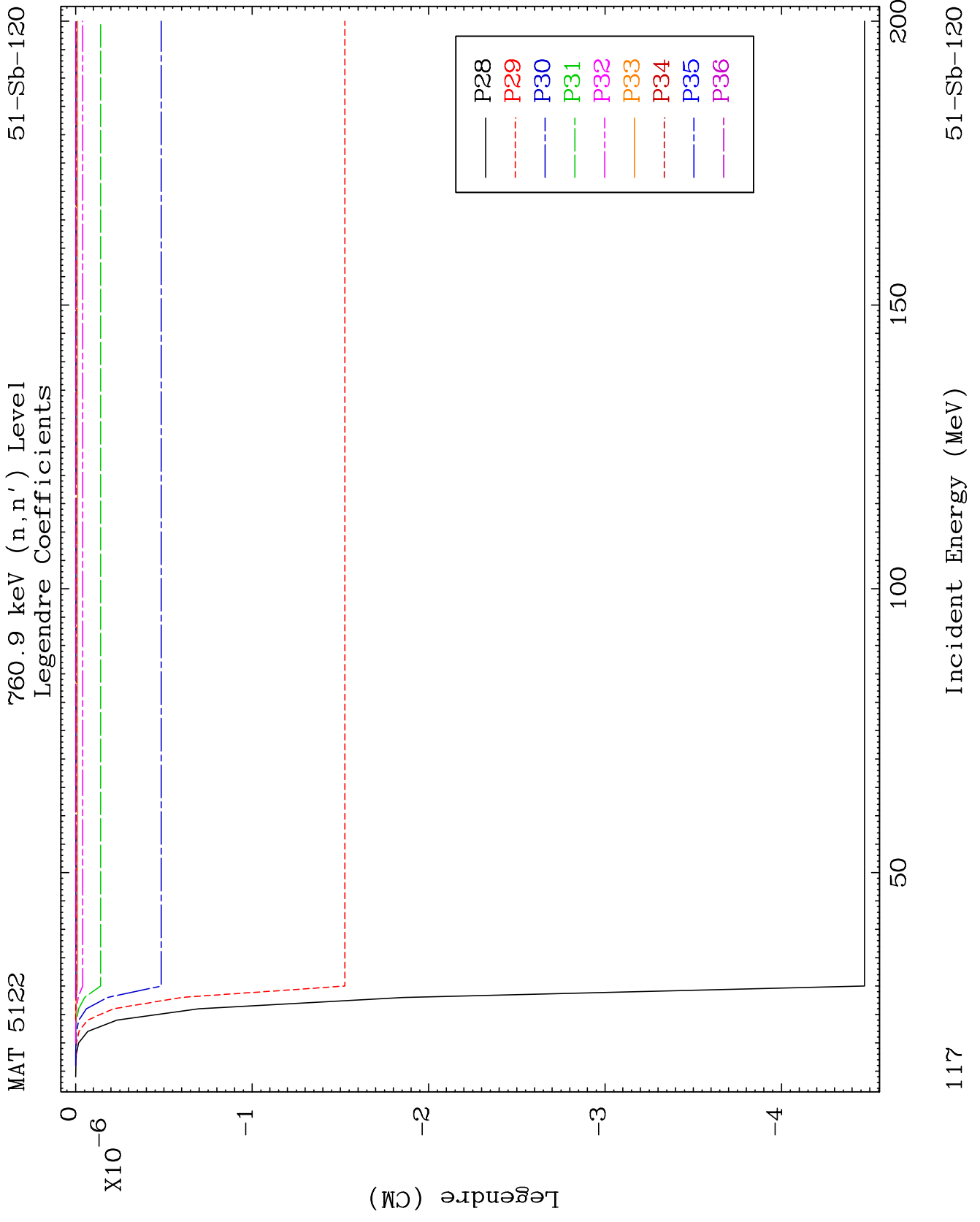


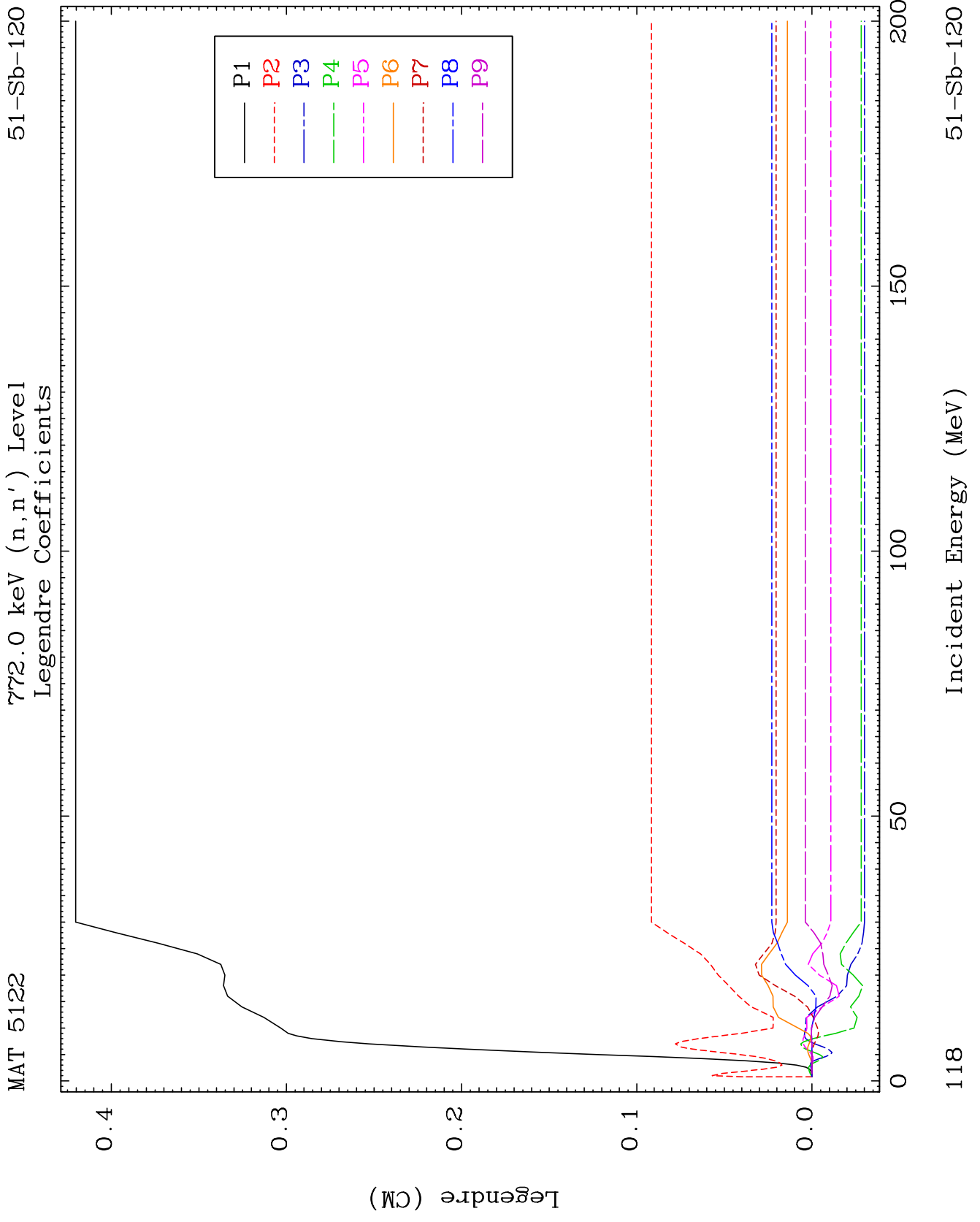








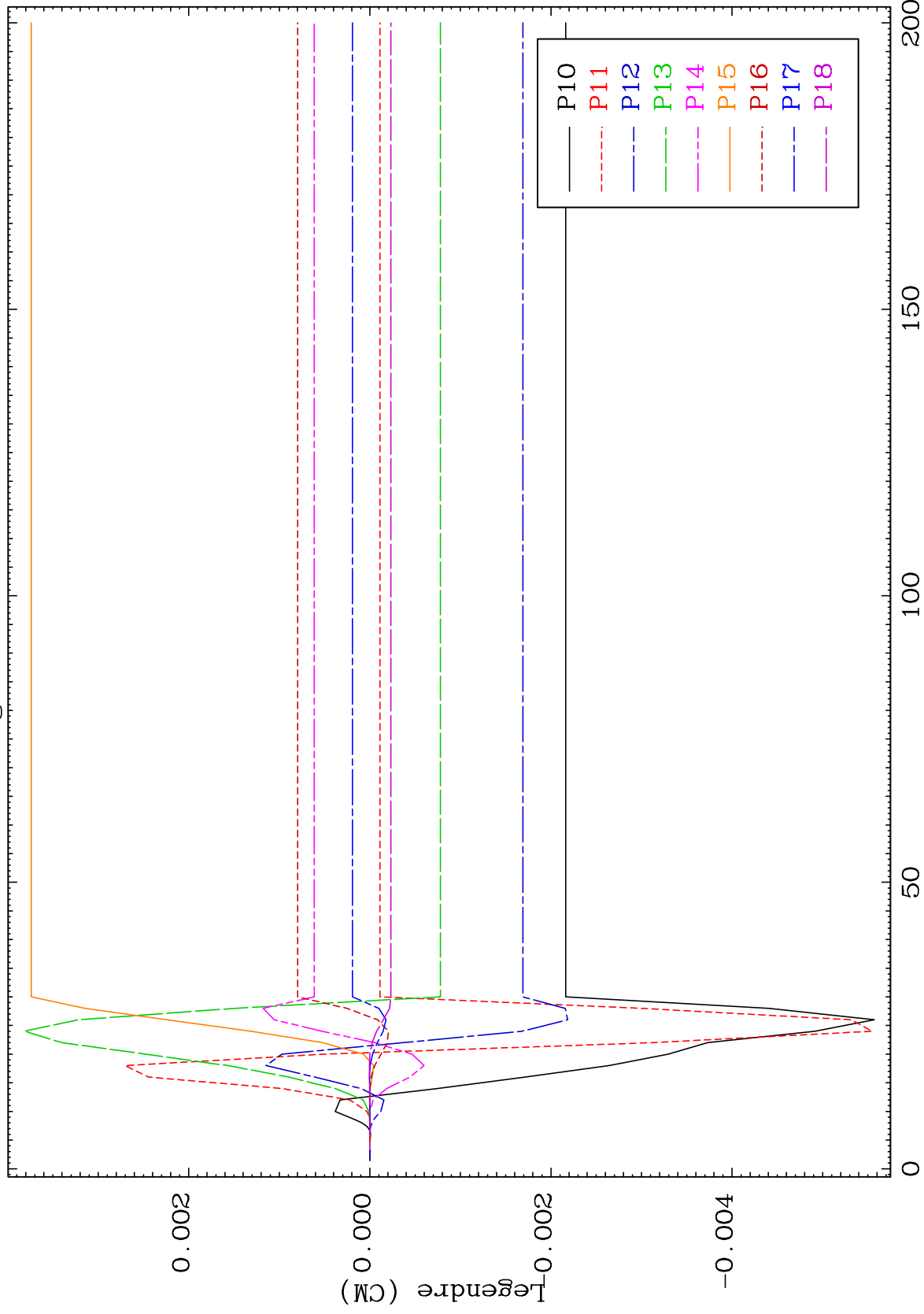




MAT 5122

772.0 keV (n,n') Level
Legendre Coefficients

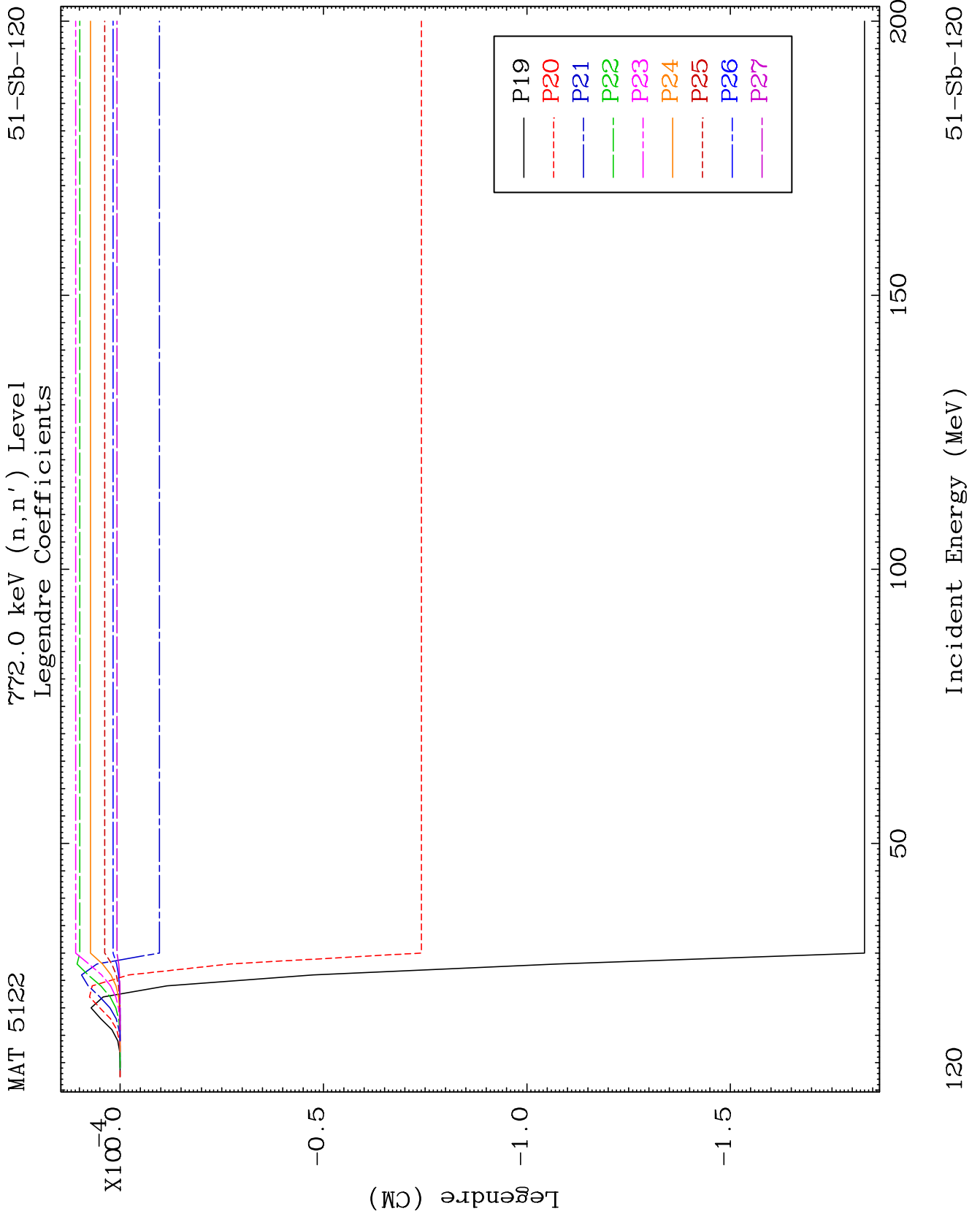
51-Sb-120

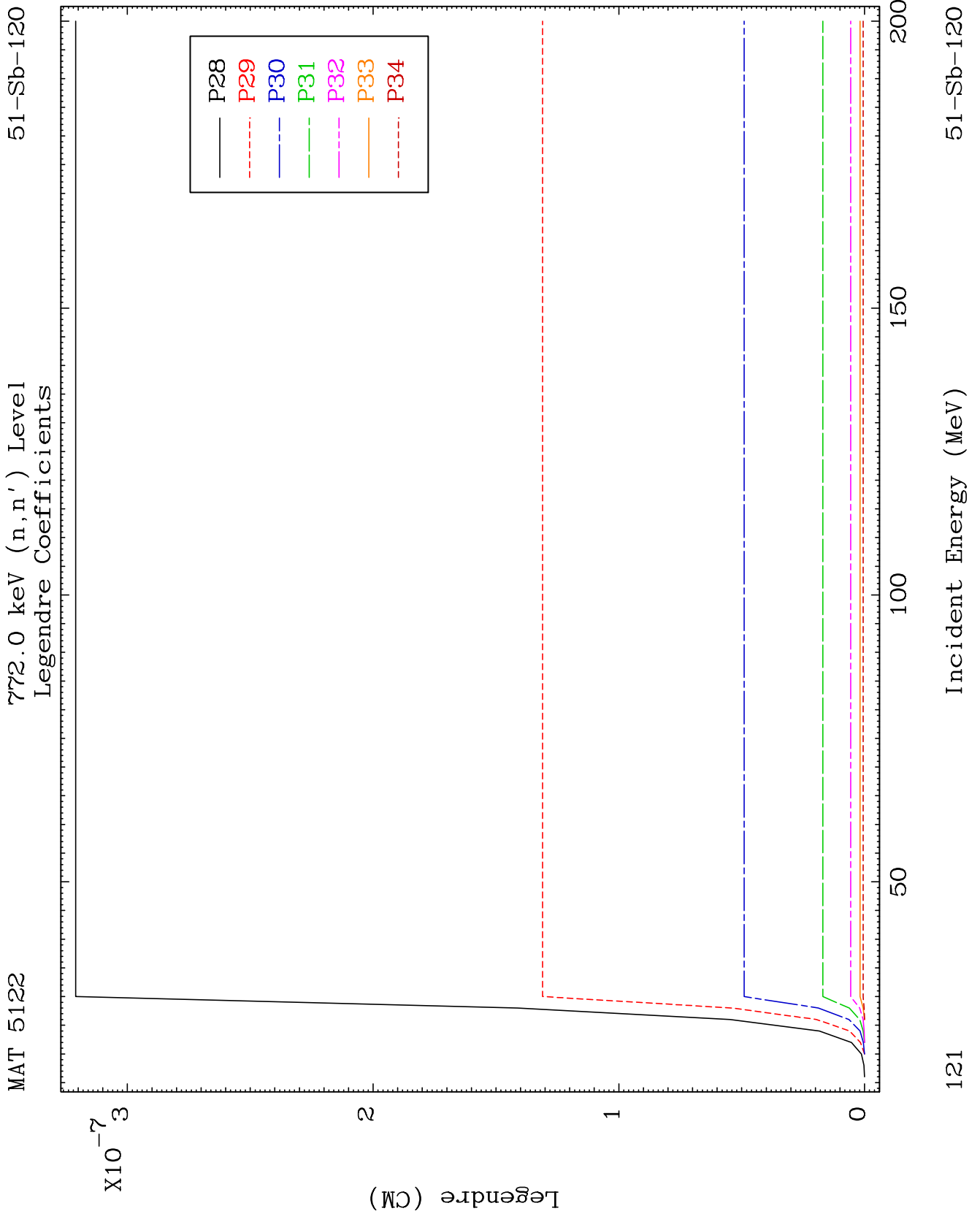


119

Incident Energy (MeV)

51-Sb-120

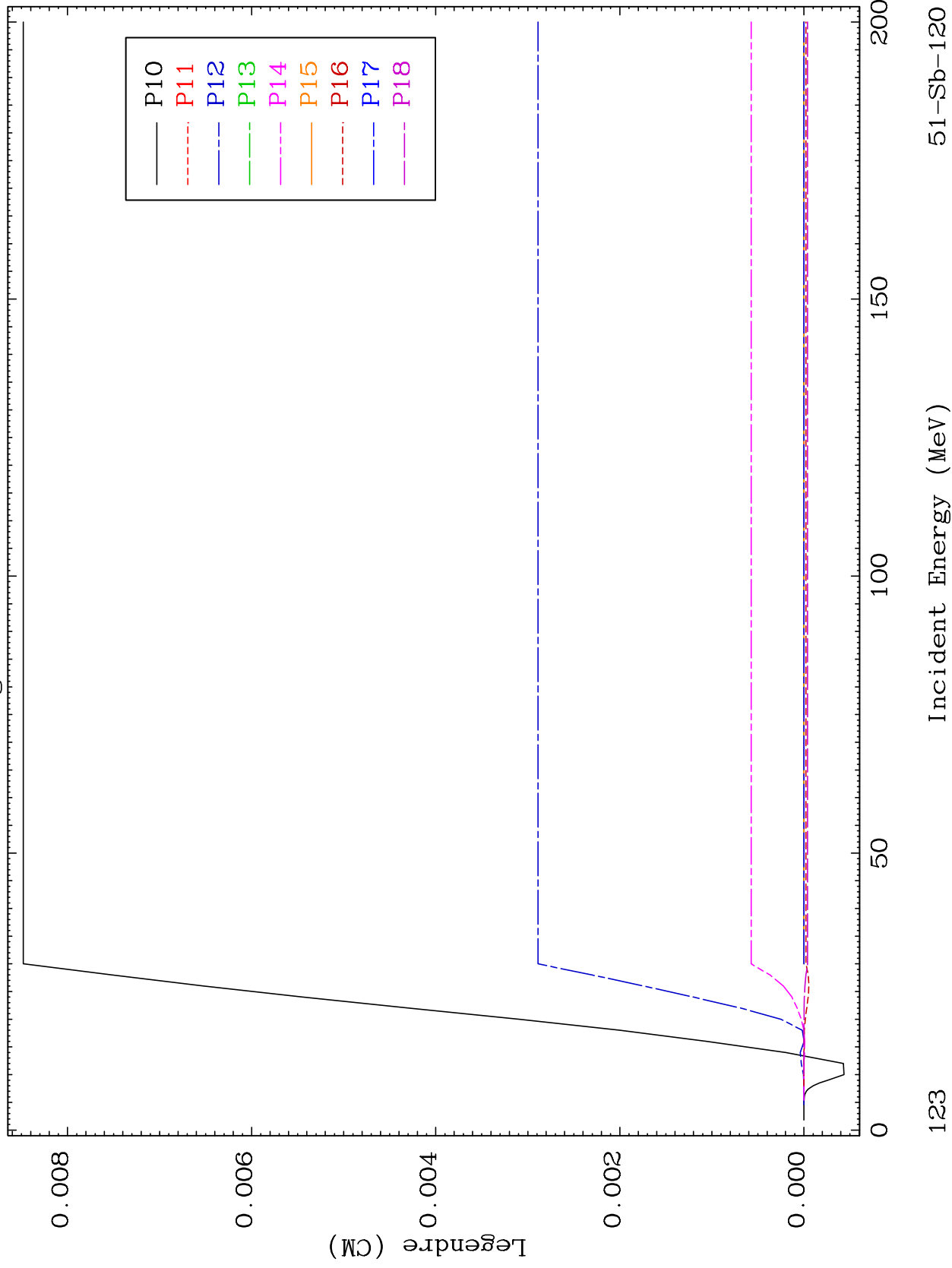




MAT 5122

820.4 keV (n,n') Level
Legendre Coefficients

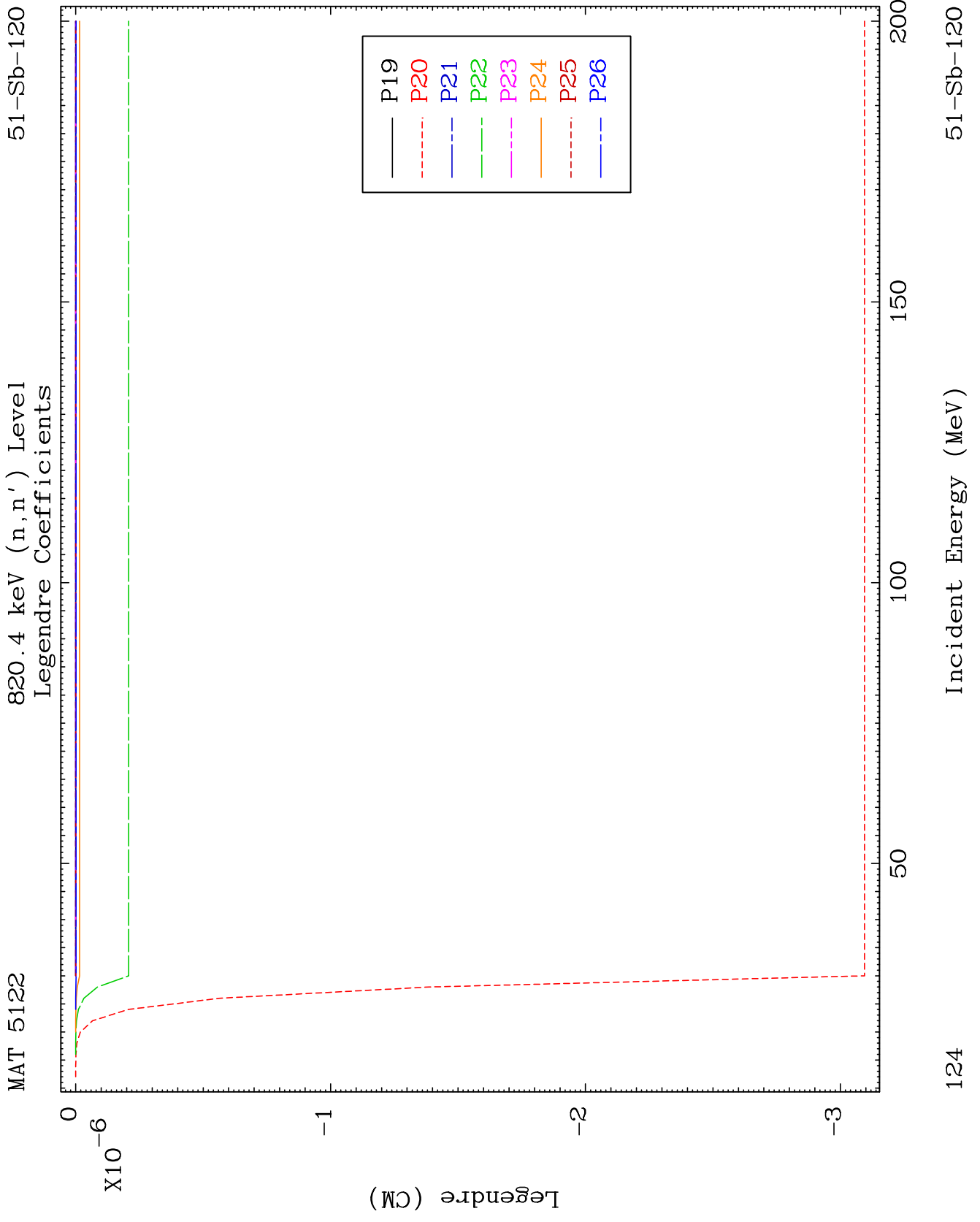
51-Sb-120



123

Incident Energy (MeV)

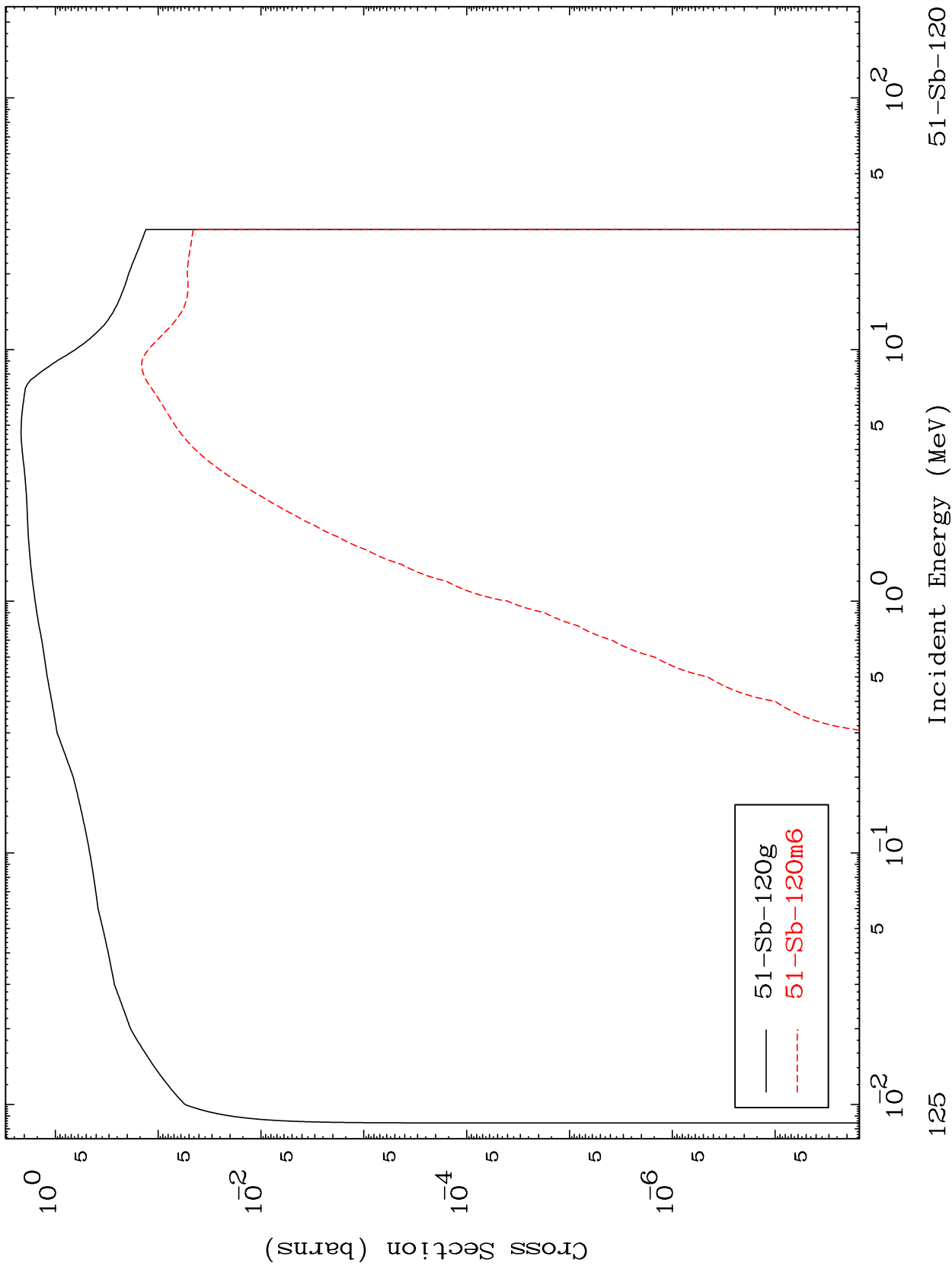
51-Sb-120



MAT 5122

51-Sb-120

Inelastic
Radionuclide Production Cross Section



51-Sb-120

Incident Energy (MeV)

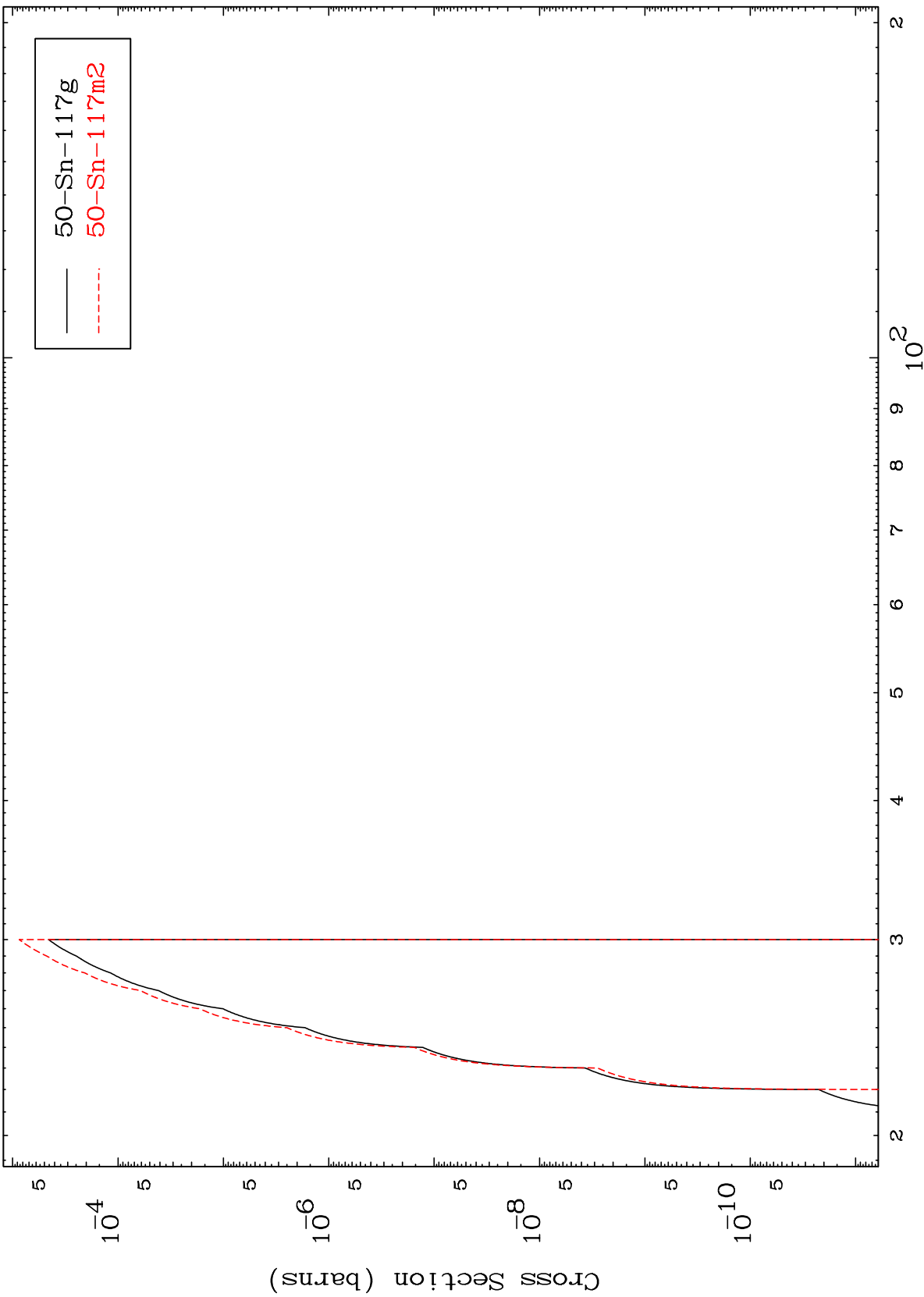
125

MAT 5122

(n,2n) d

51-Sb-120

Radionuclide Production Cross Section



126

Incident Energy (MeV)

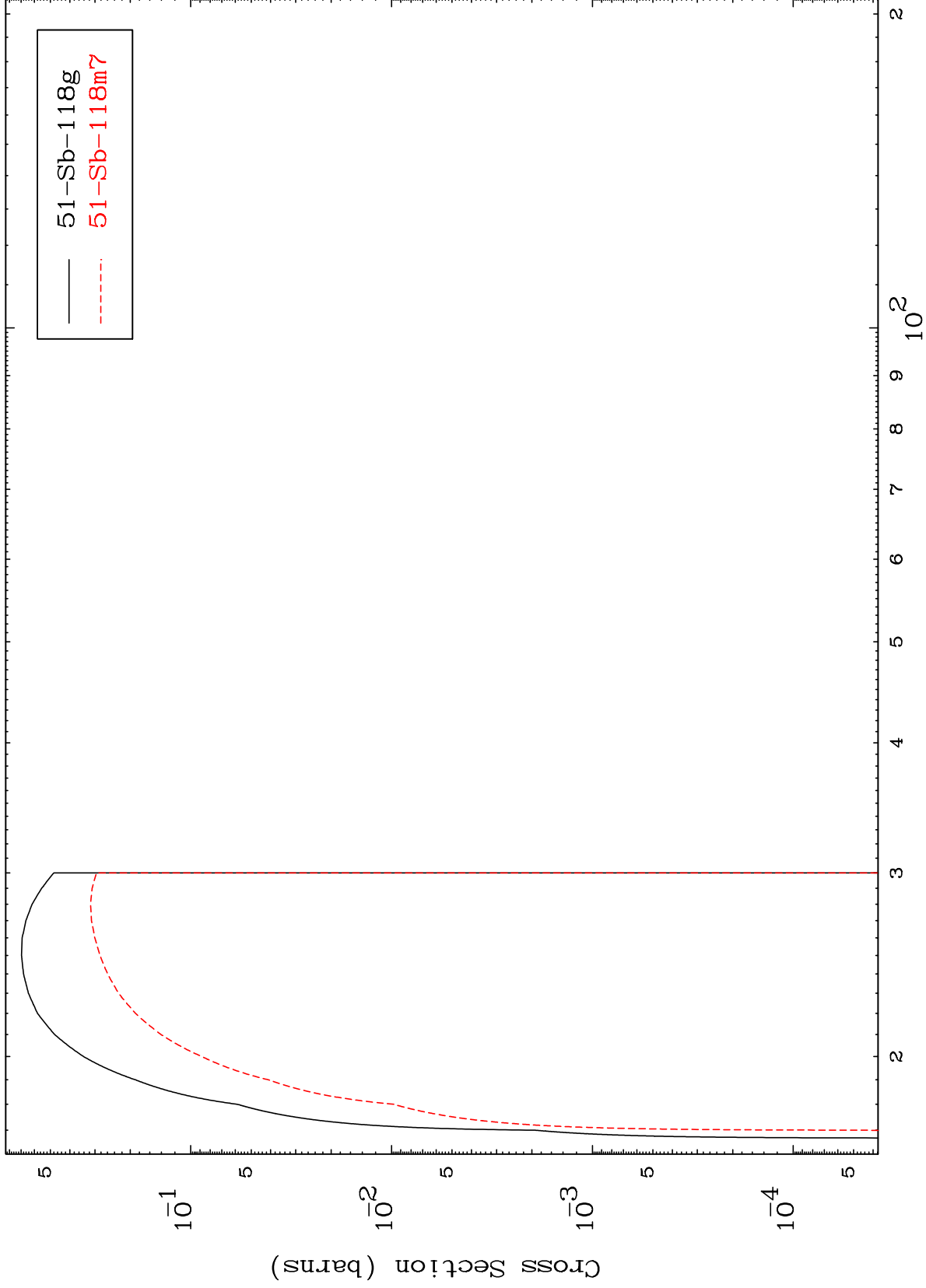
51-Sb-120

MAT 5122

(n,3n)

51-Sb-120

Radionuclide Production Cross Section

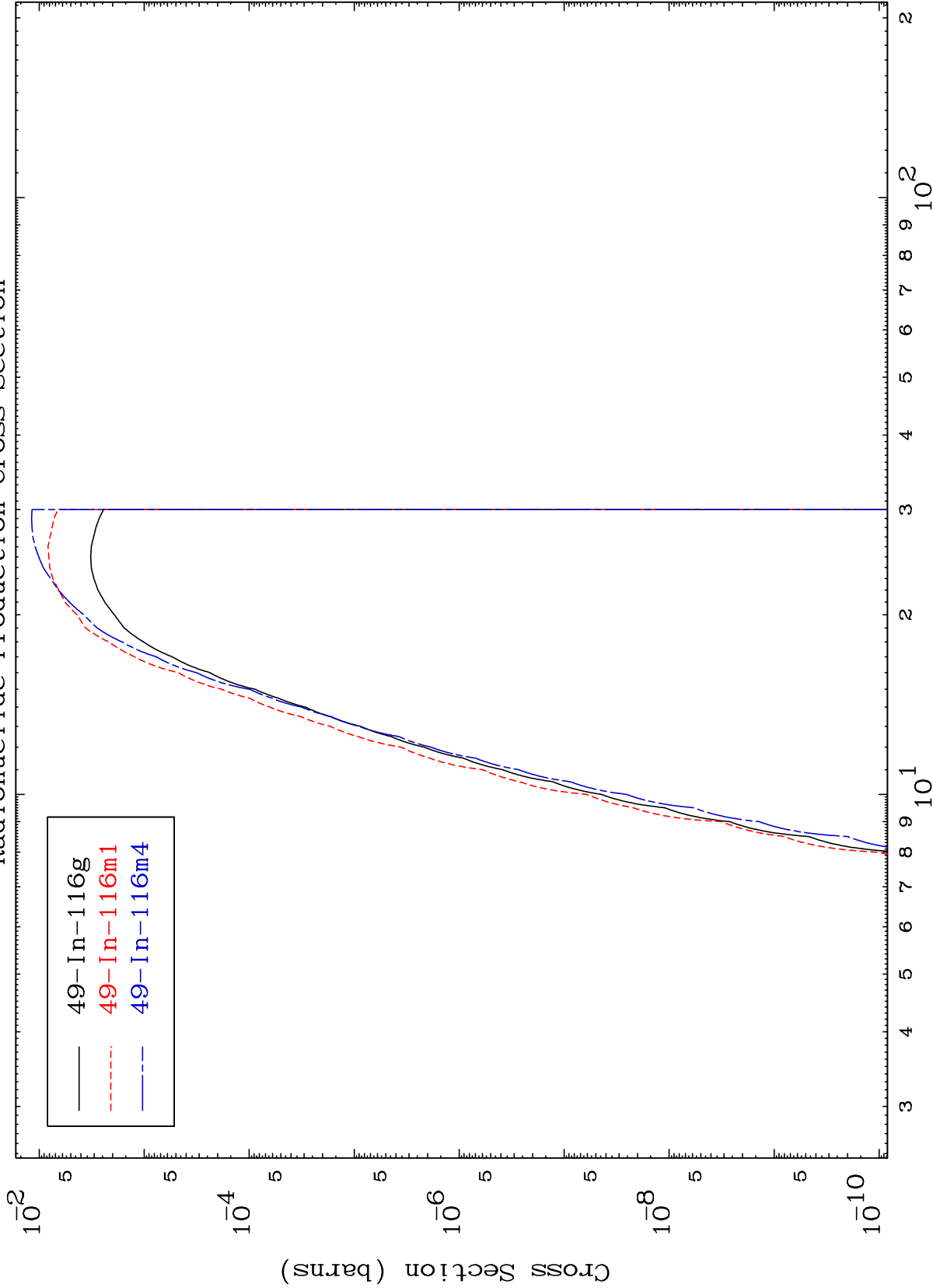


127

Incident Energy (MeV)

51-Sb-120

Radionuclide Production Cross Section

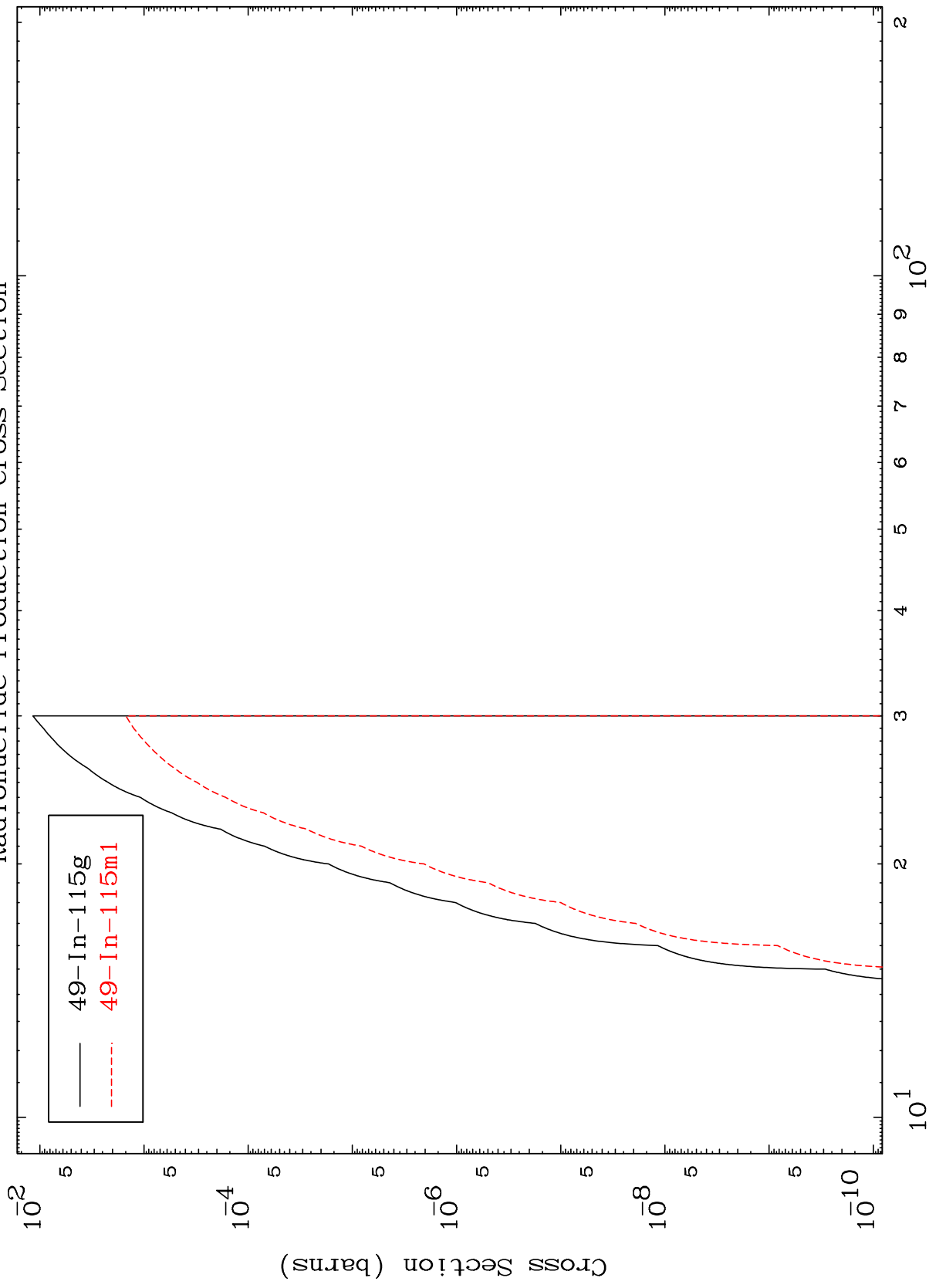


MAT 5122

(n,2n) α

51-Sb-120

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-120

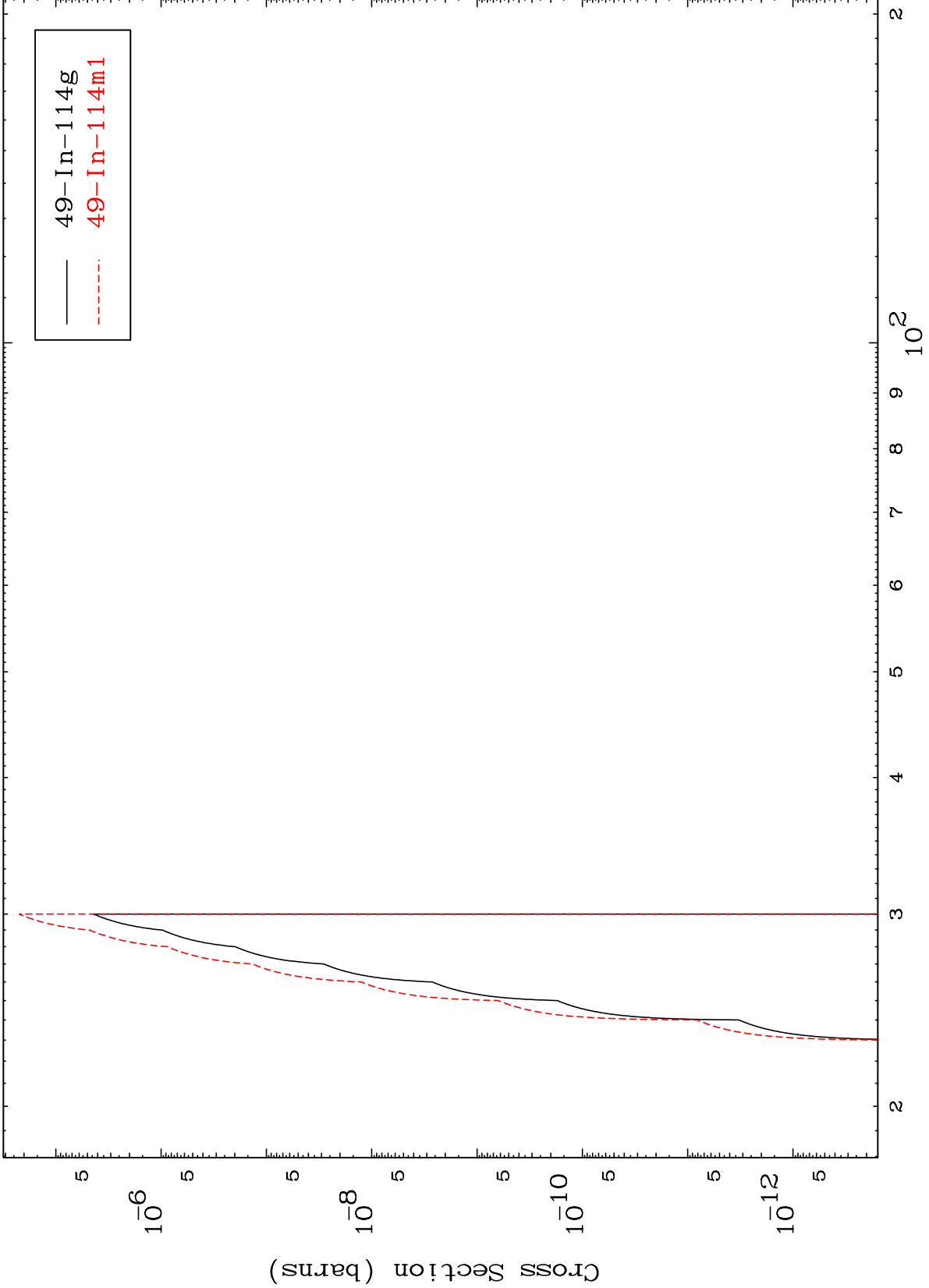
129

MAT 5122

(n,3n) α

51-Sb-120

Radionuclide Production Cross Section



130

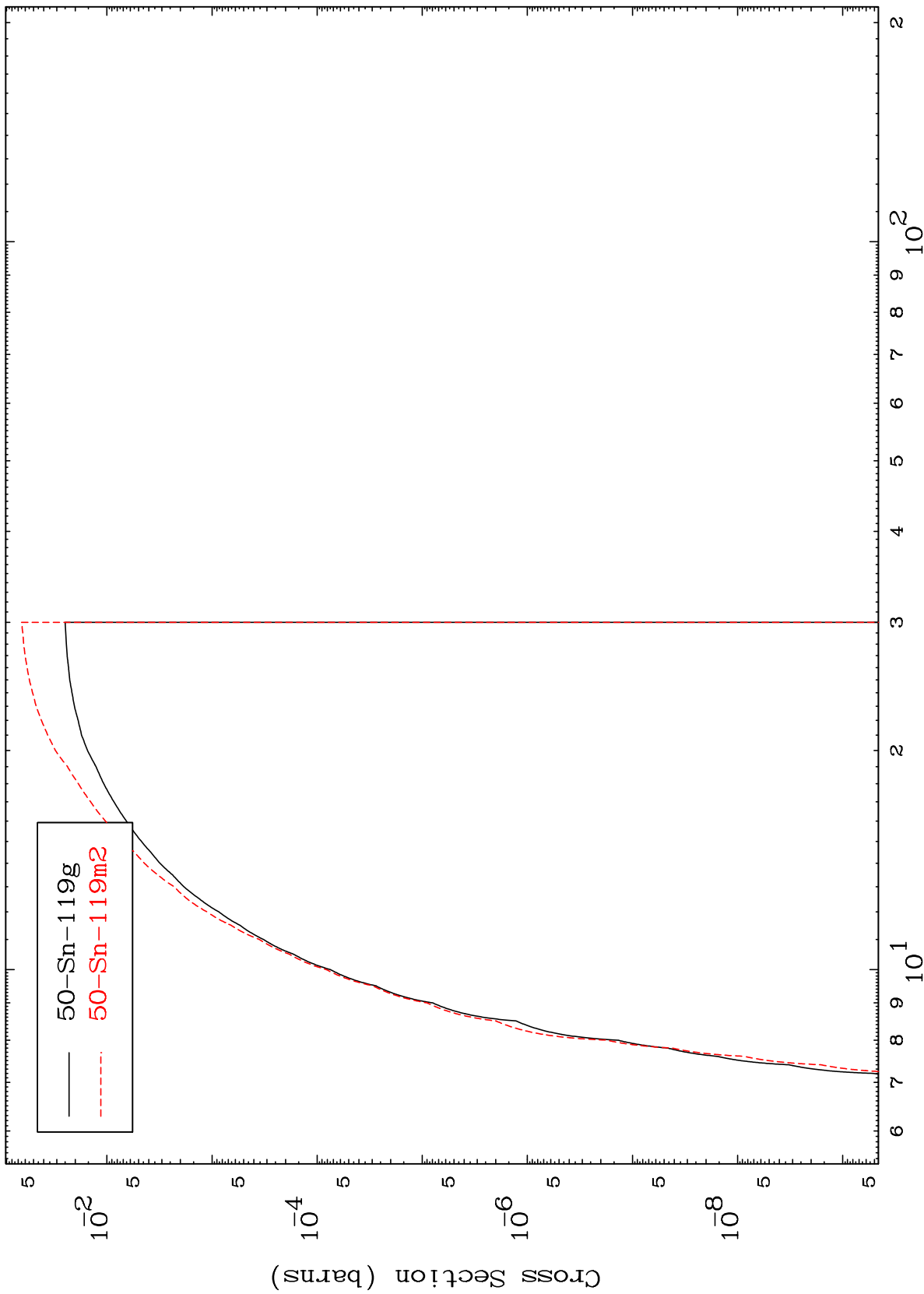
Incident Energy (MeV)

51-Sb-120

MAT 5122

51-Sb-120

(n,n') p
Radionuclide Production Cross Section

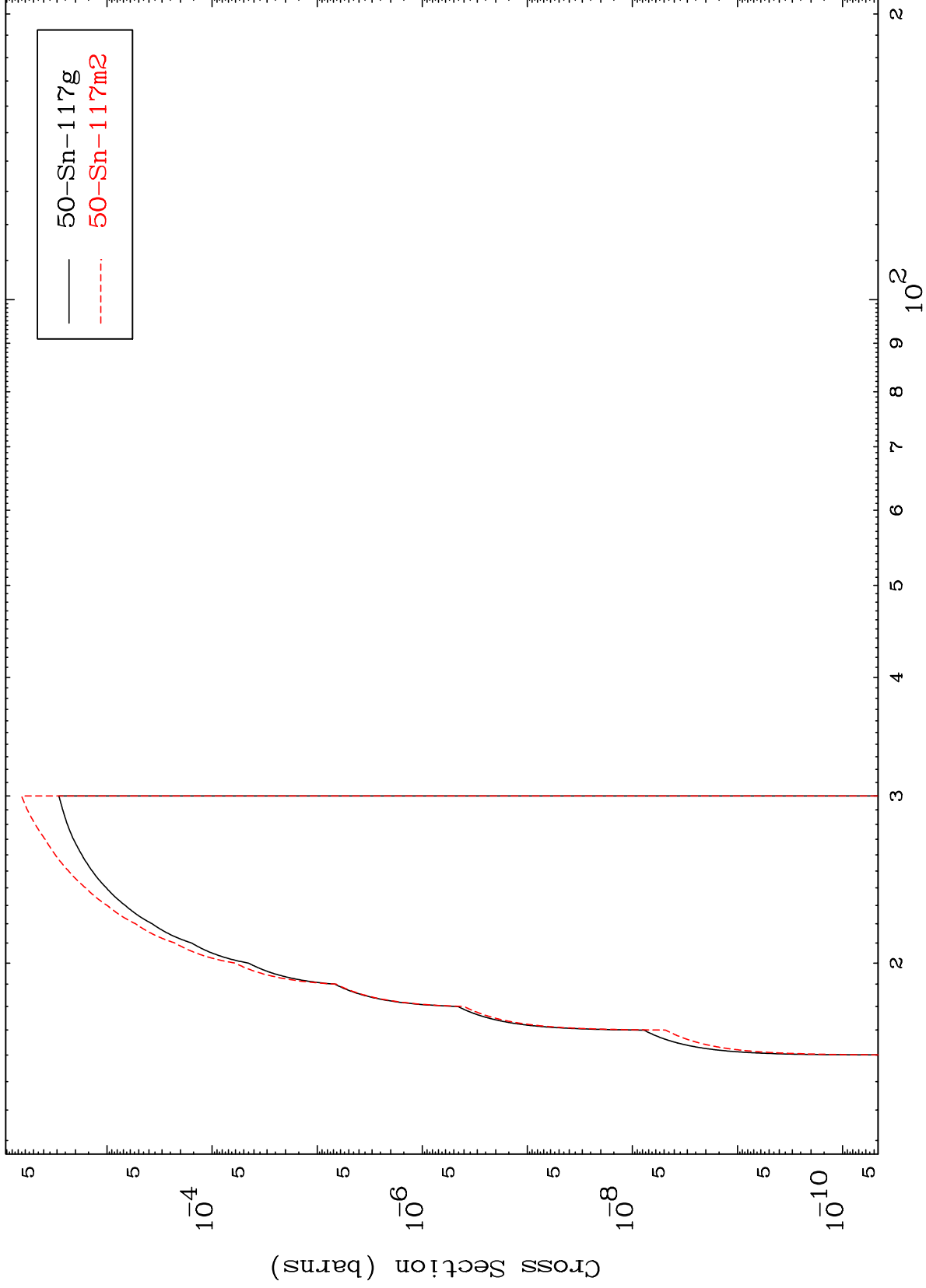


51-Sb-120

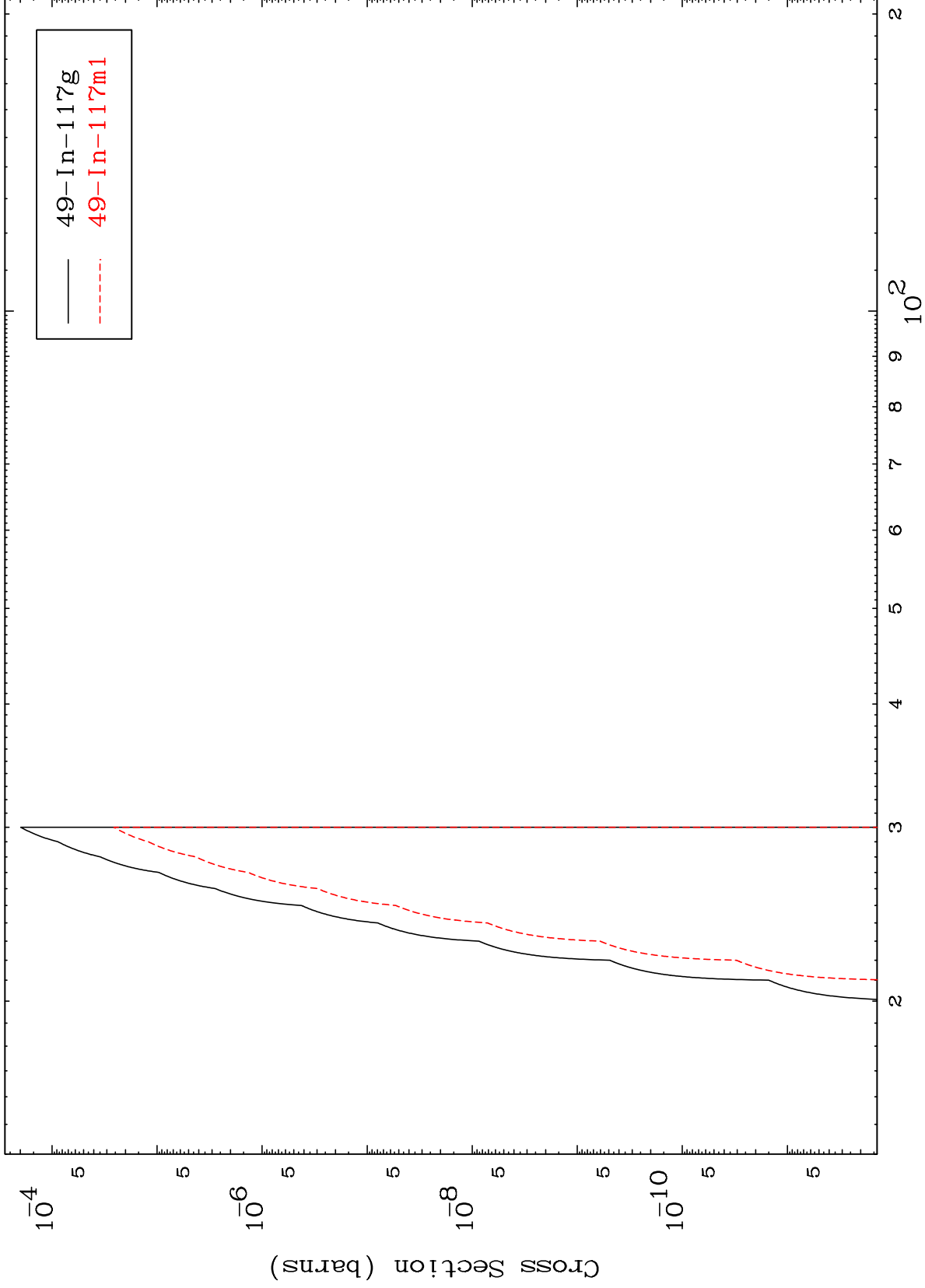
Incident Energy (MeV)

131

Radionuclide Production Cross Section



Radionuclide Production Cross Section

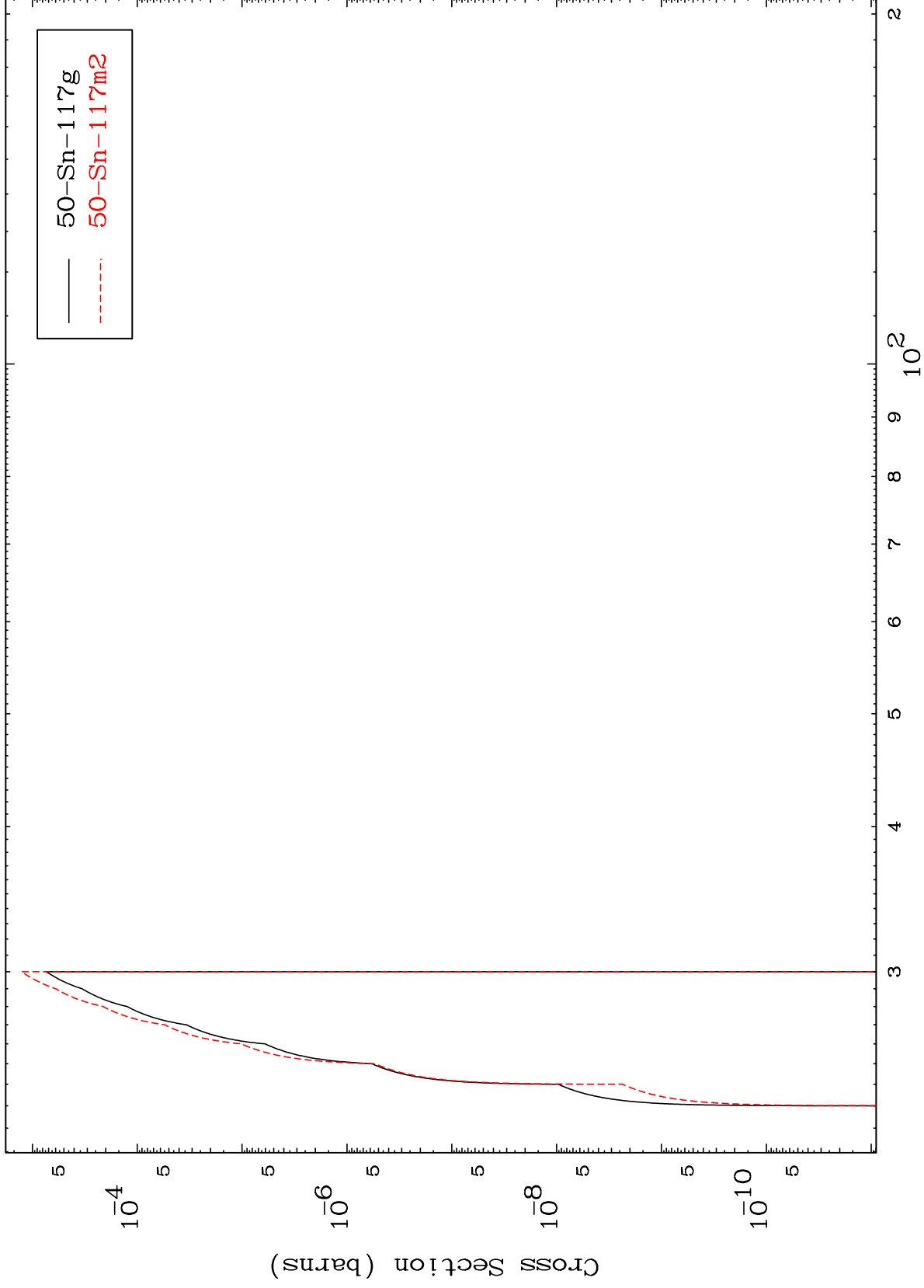


MAT 5122

(n,3n) p

51-Sb-120

Radionuclide Production Cross Section

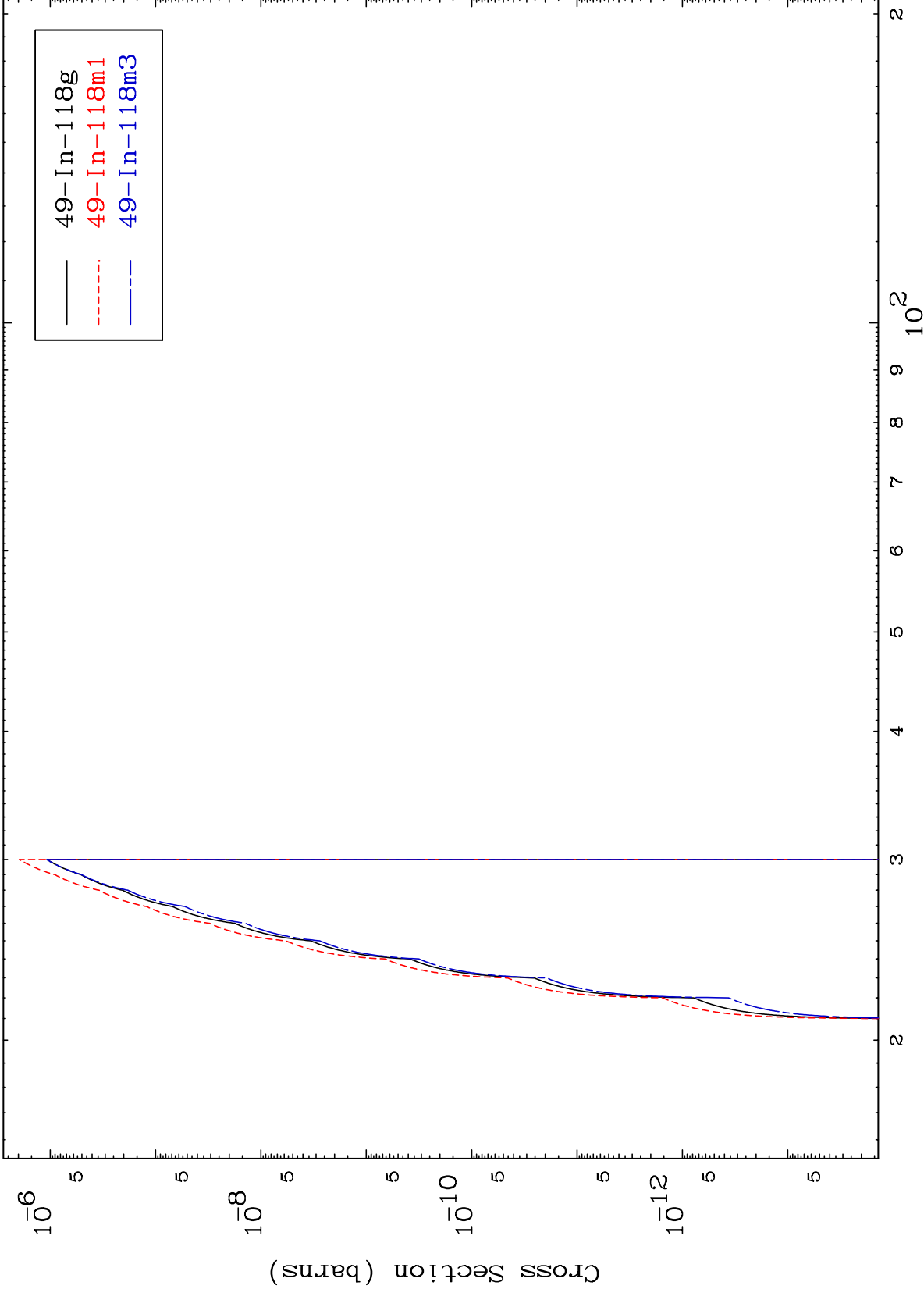


134

Incident Energy (MeV)

51-Sb-120

Radionuclide Production Cross Section



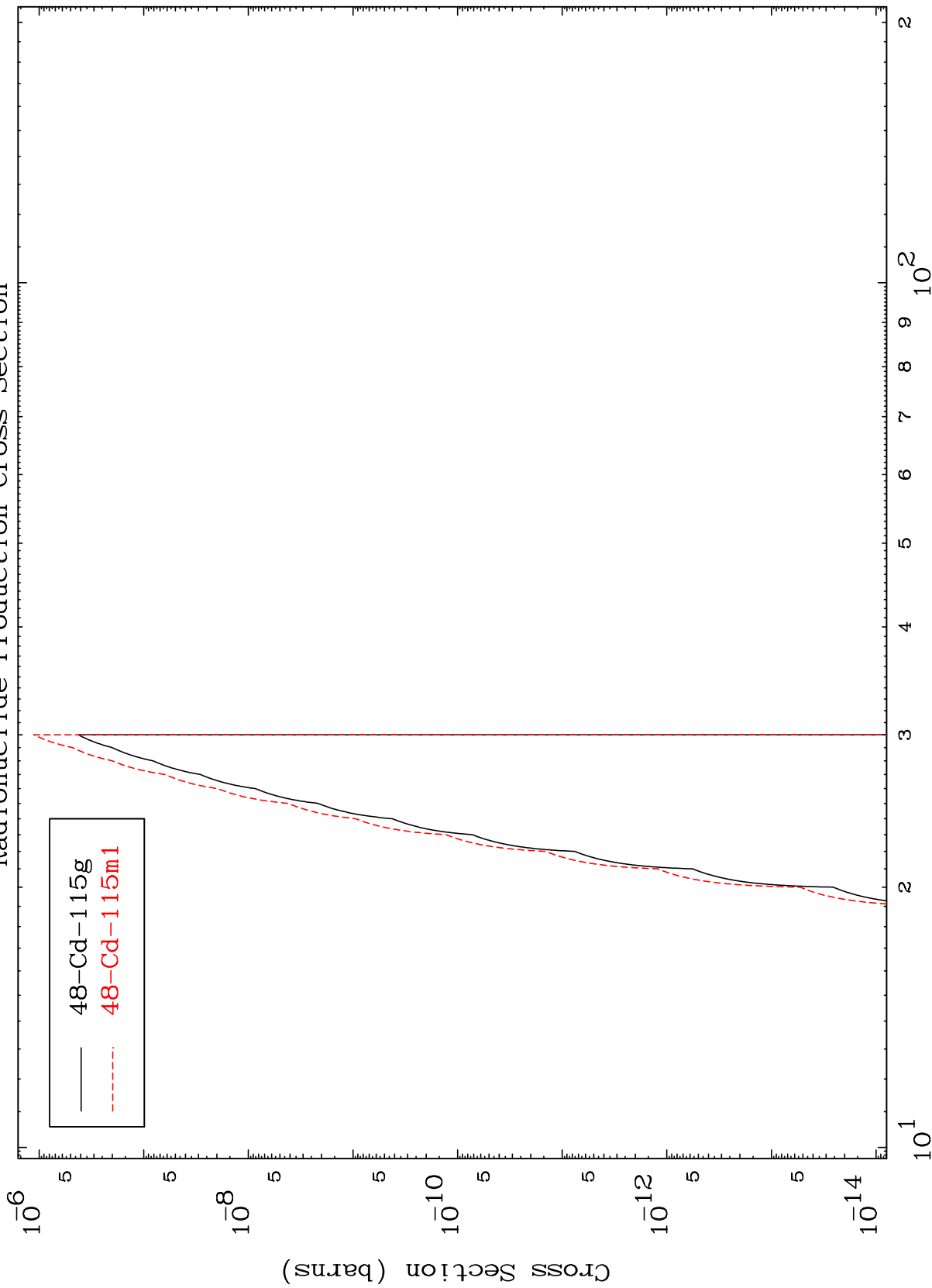
49-In-118g
49-In-118m1
49-In-118m3

MAT 5122

(n,n') p α

51-Sb-120

Radionuclide Production Cross Section



136

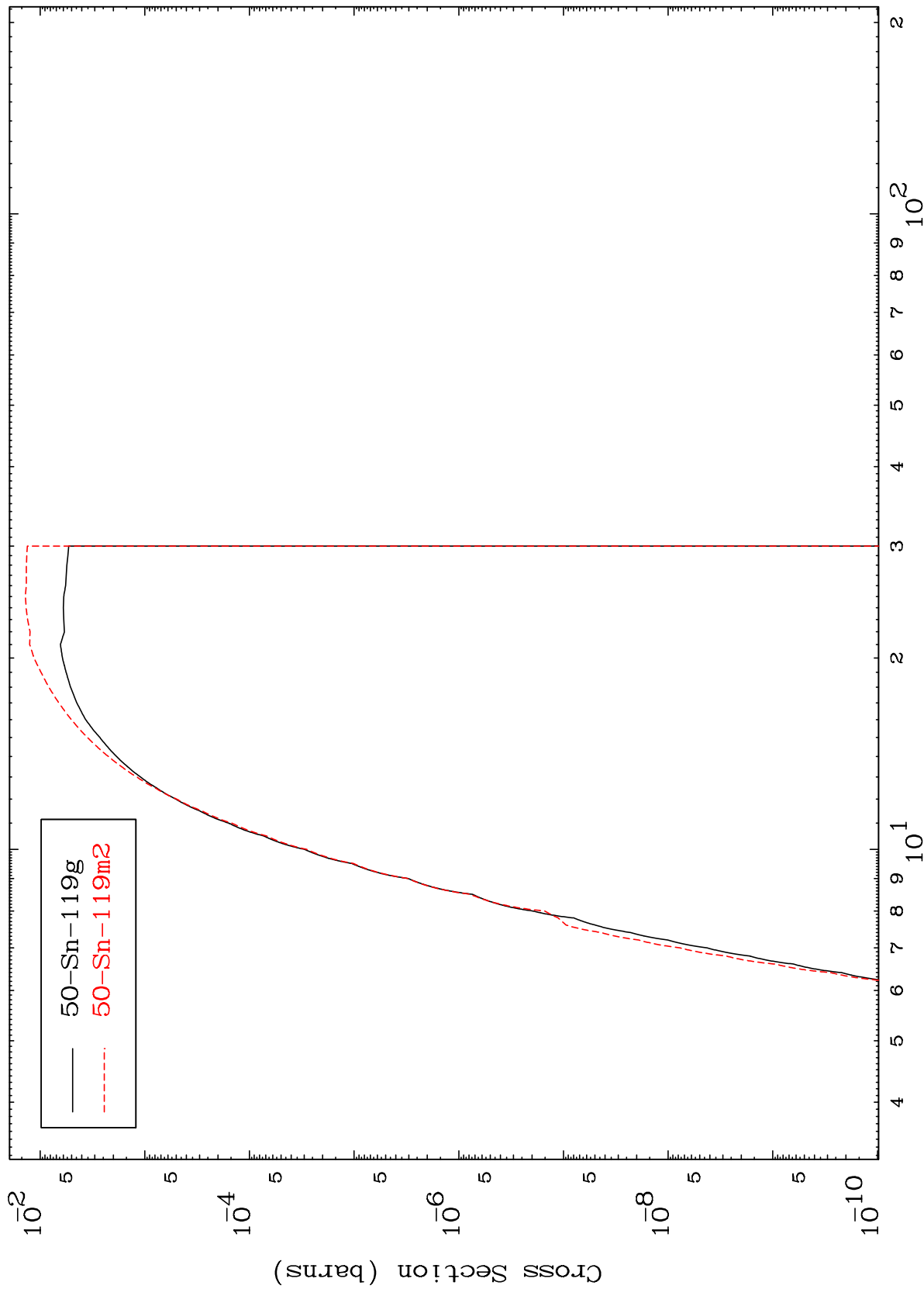
Incident Energy (MeV)

51-Sb-120

MAT 5122

51-Sb-120

(n,d)
Radionuclide Production Cross Section

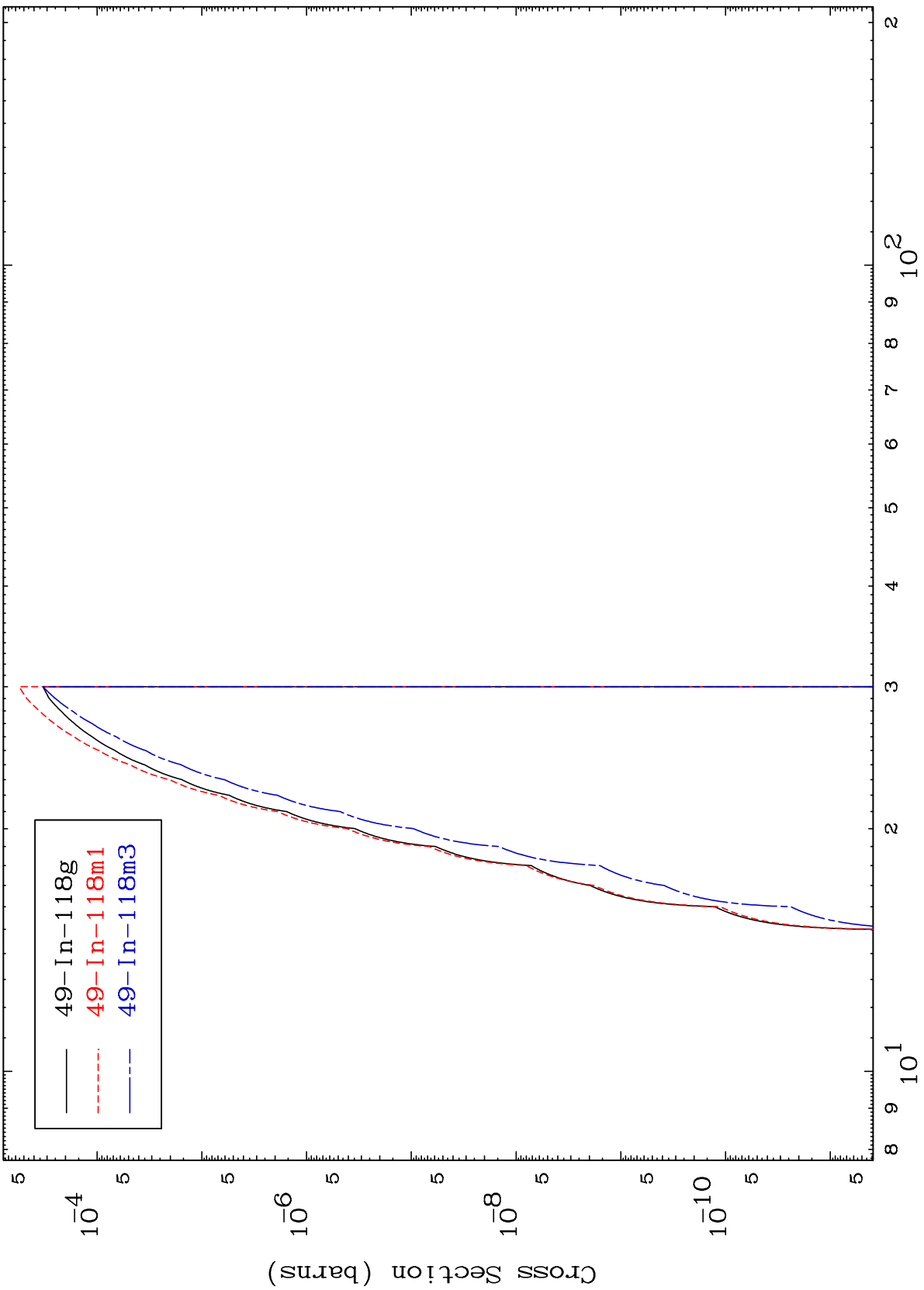


137

Incident Energy (MeV)

51-Sb-120

(n,He-3)
Radionuclide Production Cross Section

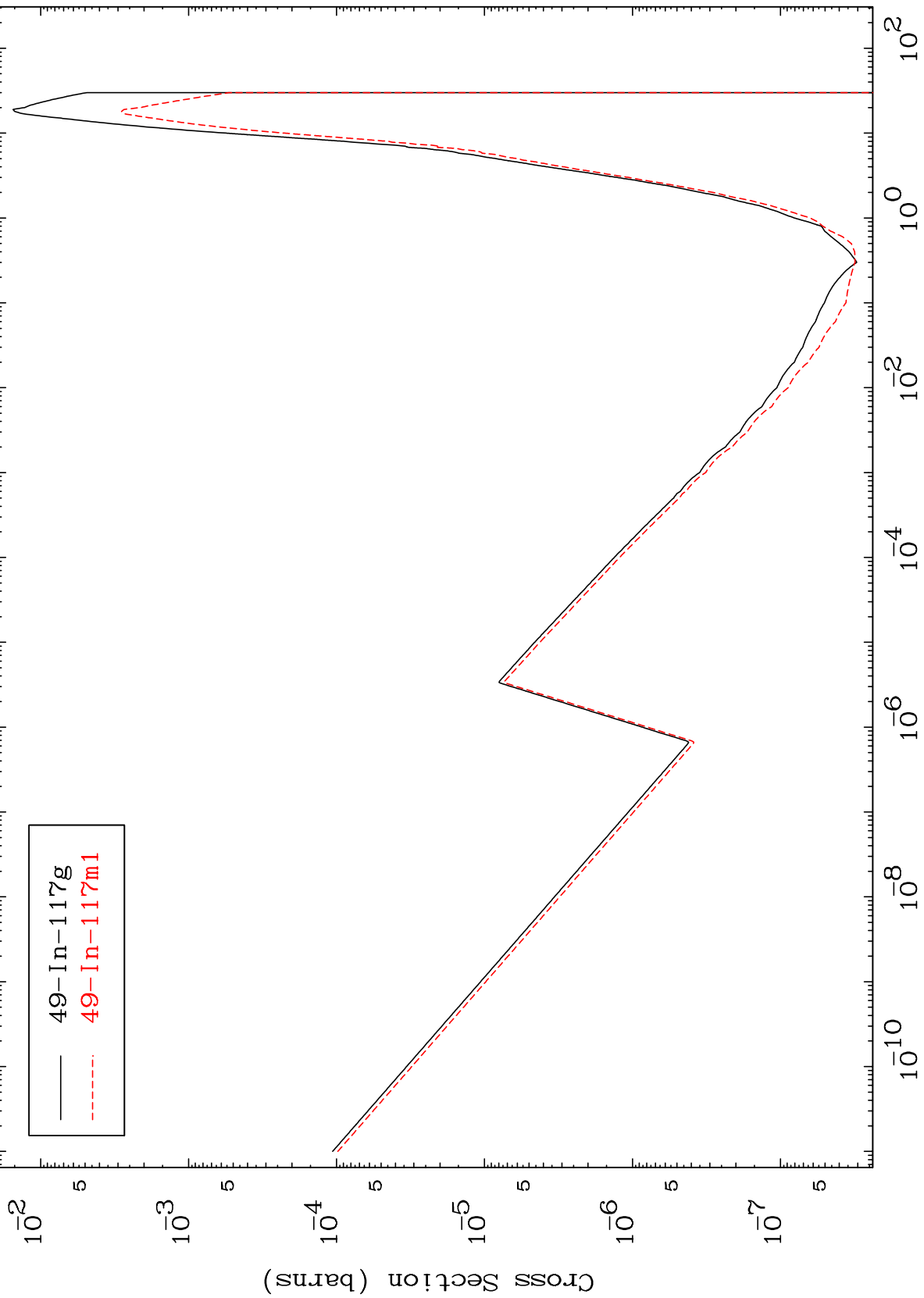


49-In-118g
49-In-118m1
49-In-118m3

MAT 5122

Radionuclide Production Cross Section
(n, α)

51-Sb-120



139

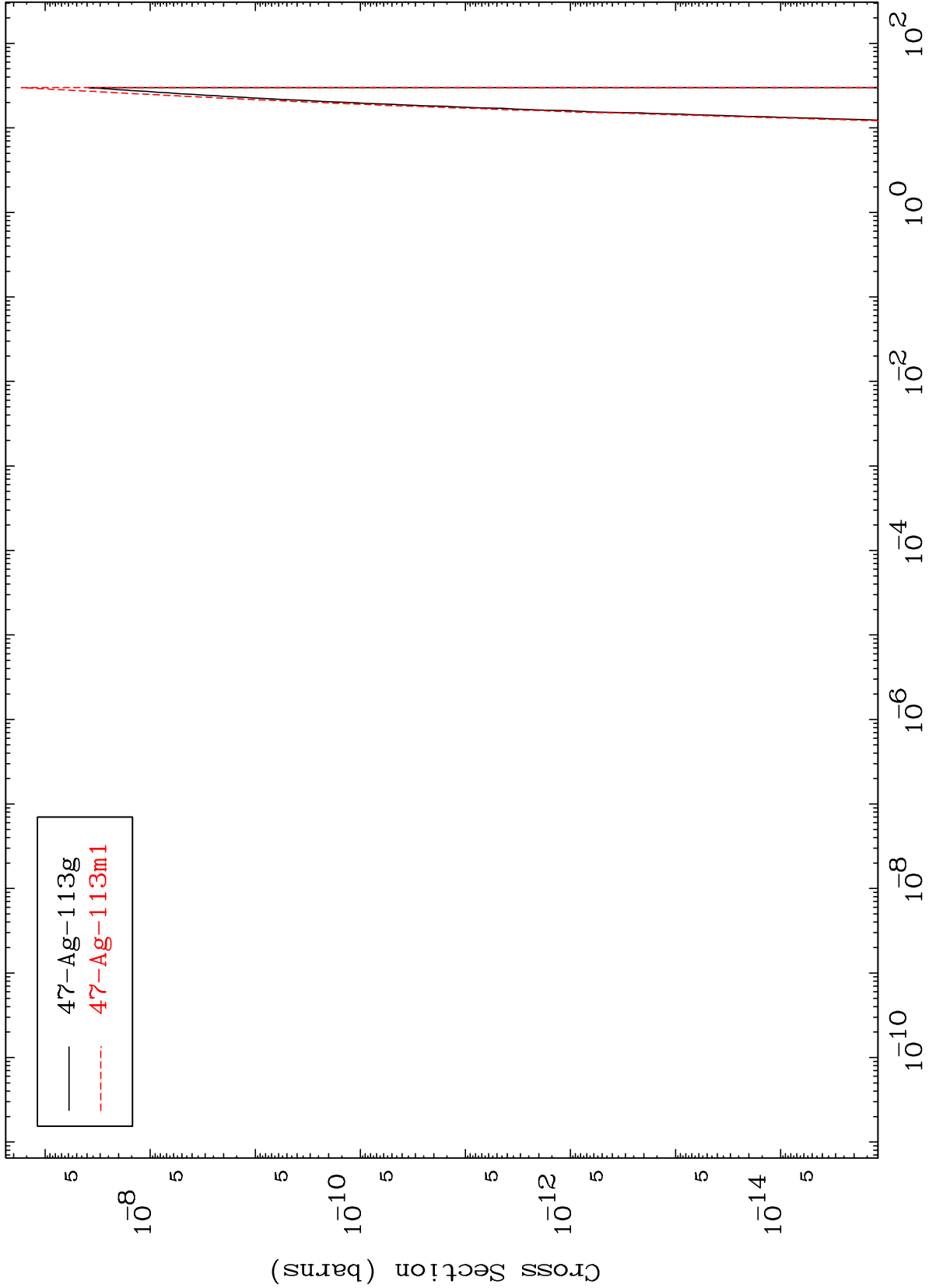
51-Sb-120

MAT 5122

(n,2α)

51-Sb-120

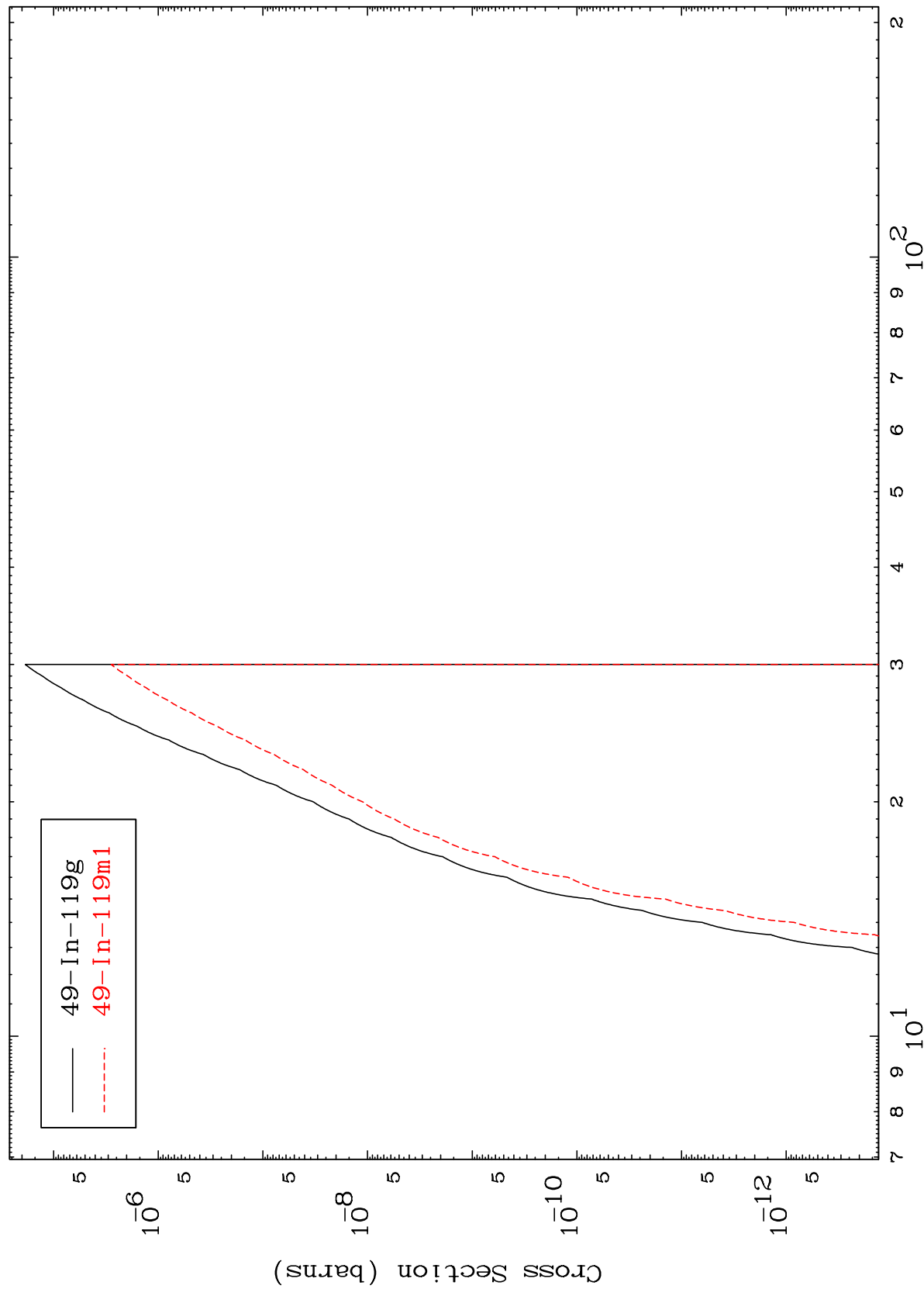
Radionuclide Production Cross Section



MAT 5122

51-Sb-120

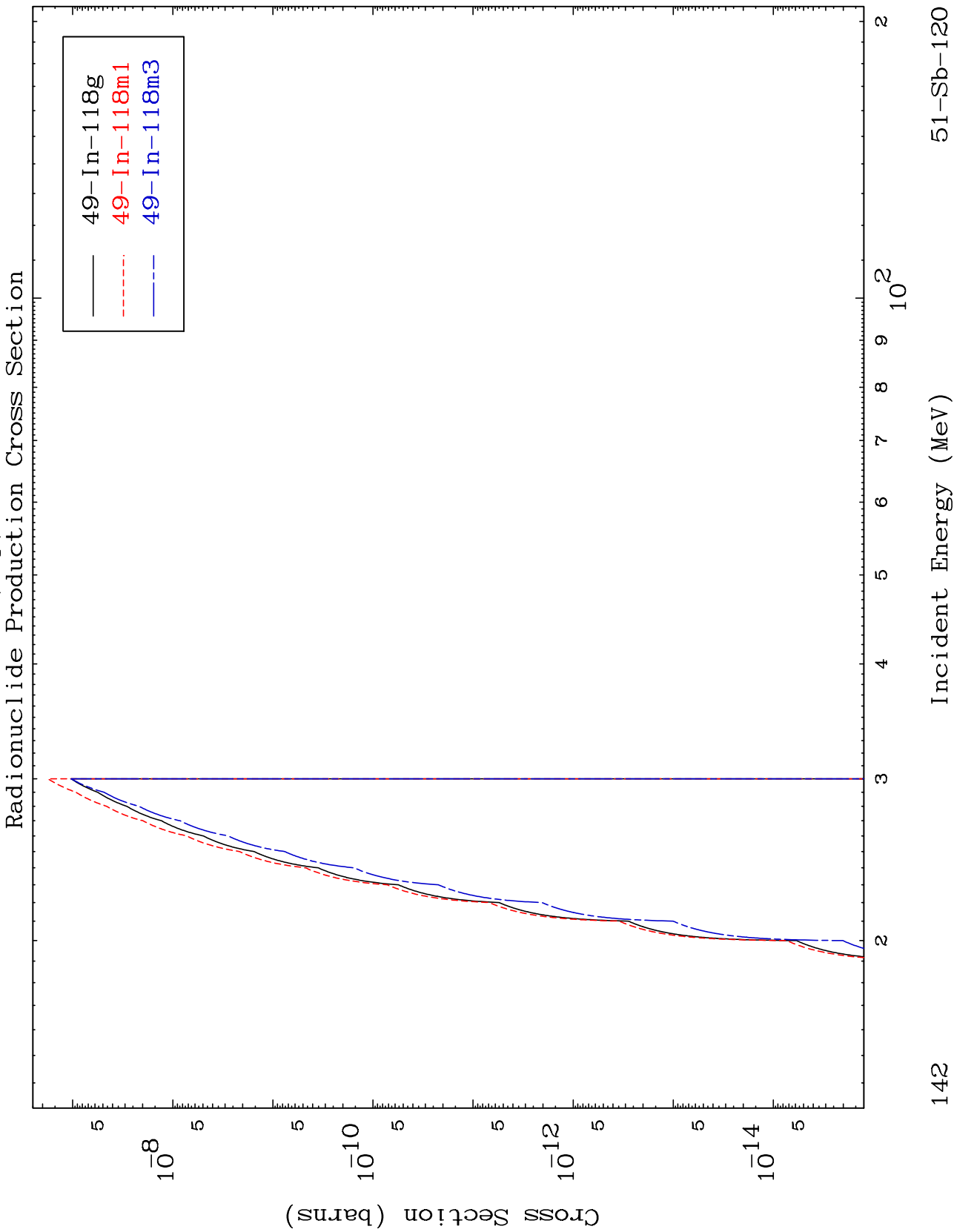
(n,2p)
Radionuclide Production Cross Section



141

51-Sb-120

Incident Energy (MeV)

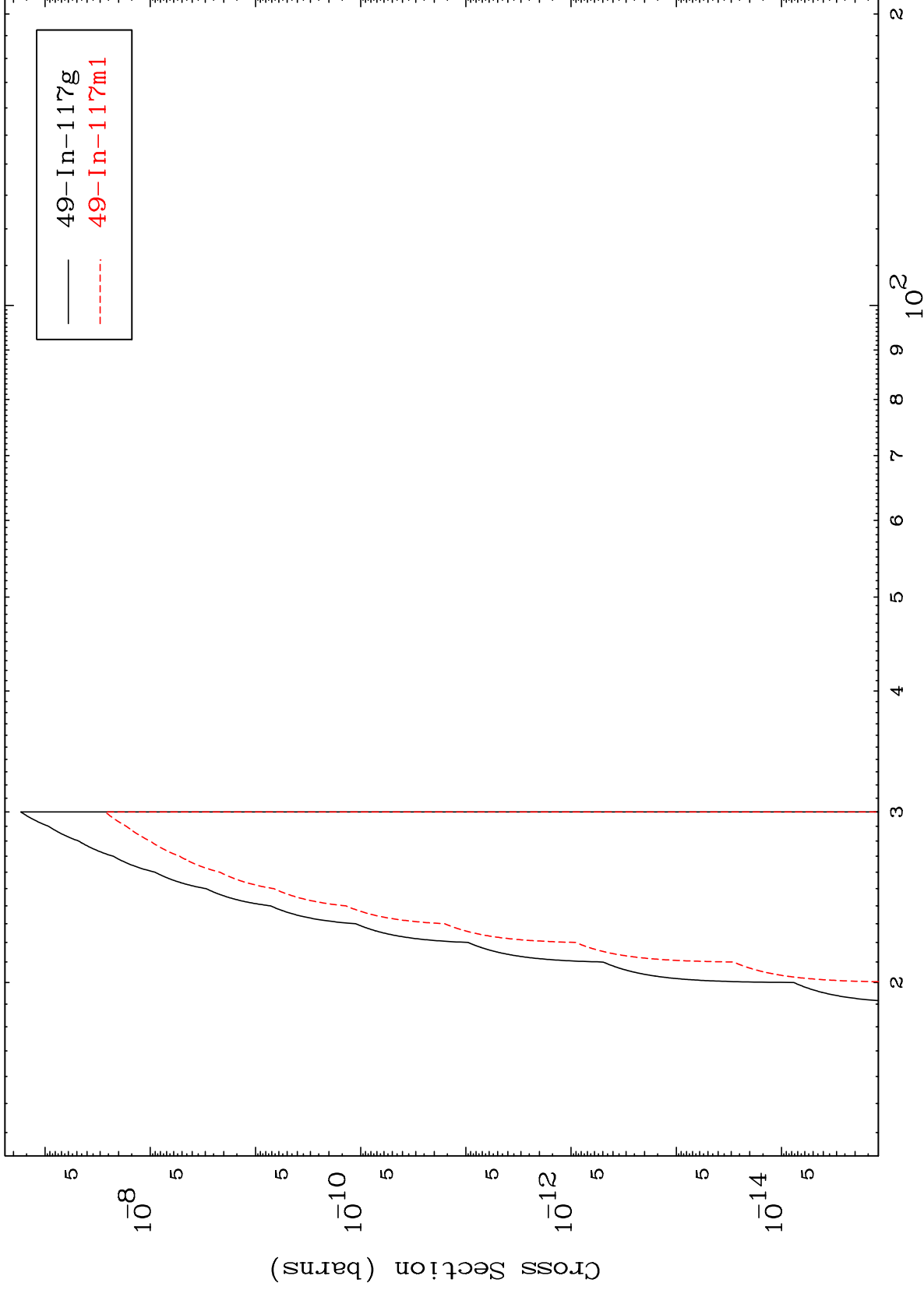


MAT 5122

(n,p) t

51-Sb-120

Radionuclide Production Cross Section



143

Incident Energy (MeV)

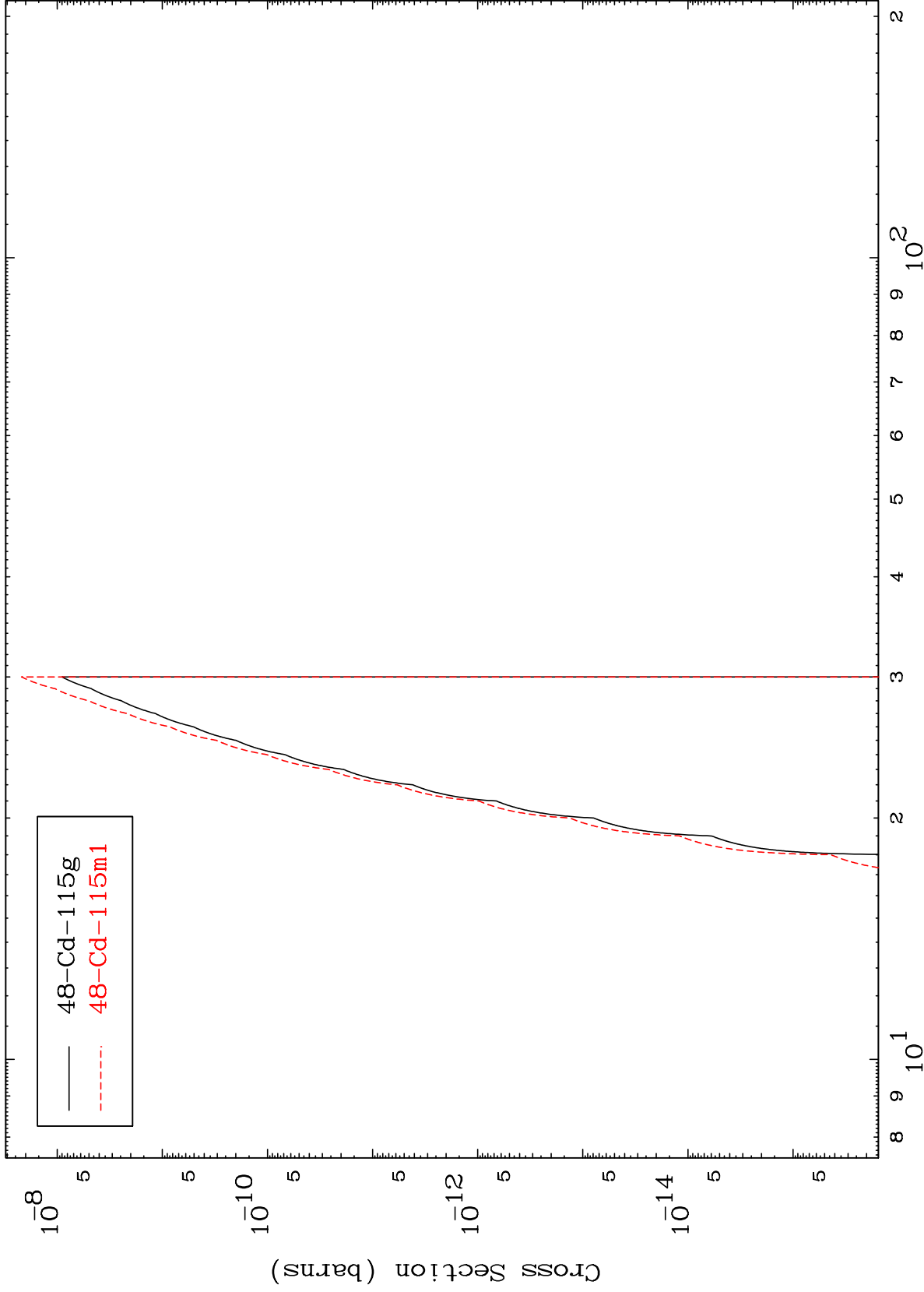
51-Sb-120

MAT 5122

(n,d) α

51-Sb-120

Radionuclide Production Cross Section



144

Incident Energy (MeV)

51-Sb-120