

Program EVALPLOT
(Version 2015-2)

by

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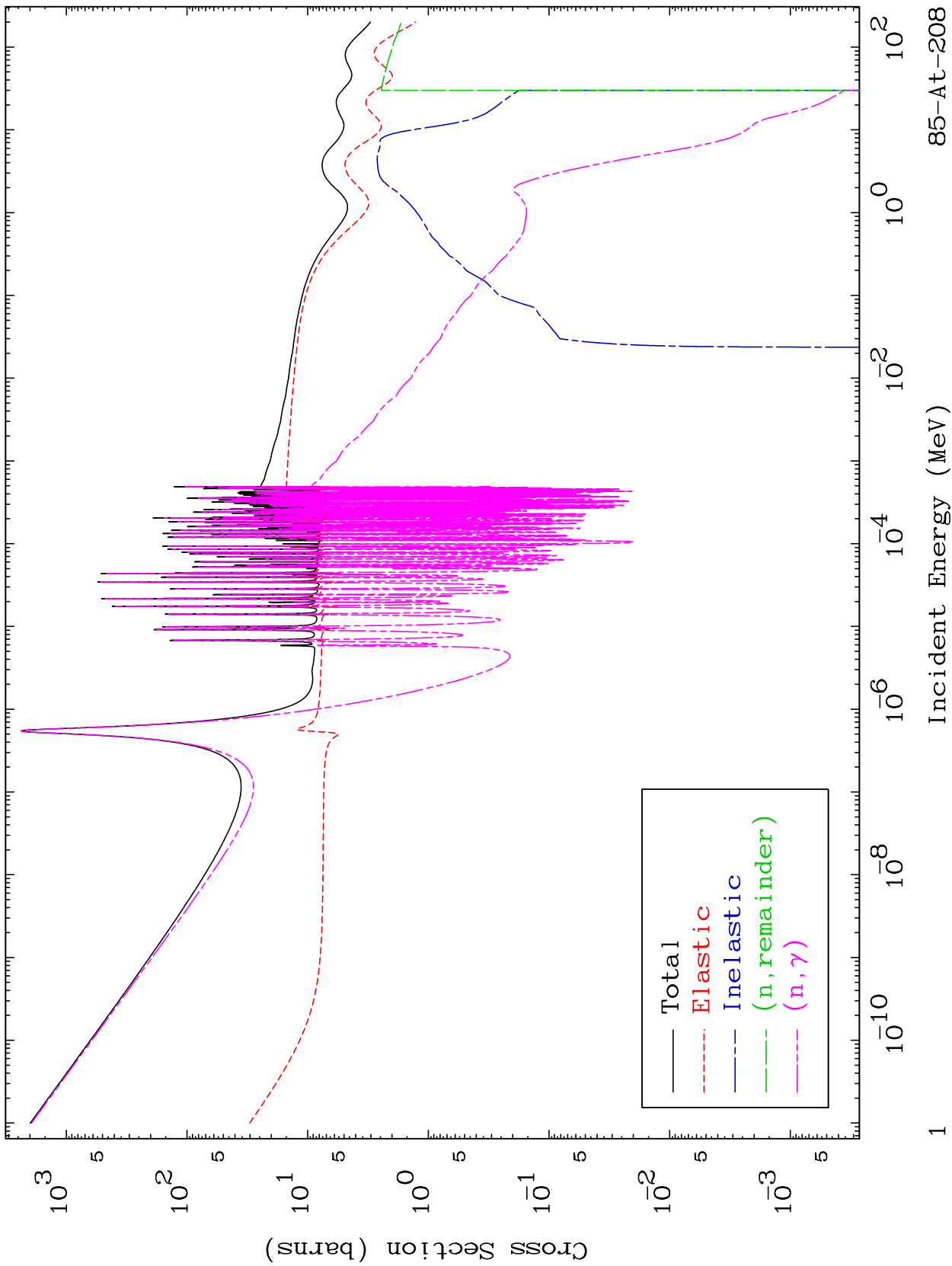
Press Mouse Button to Start

MAT 8540

Major

293 Kelvin Cross Sections

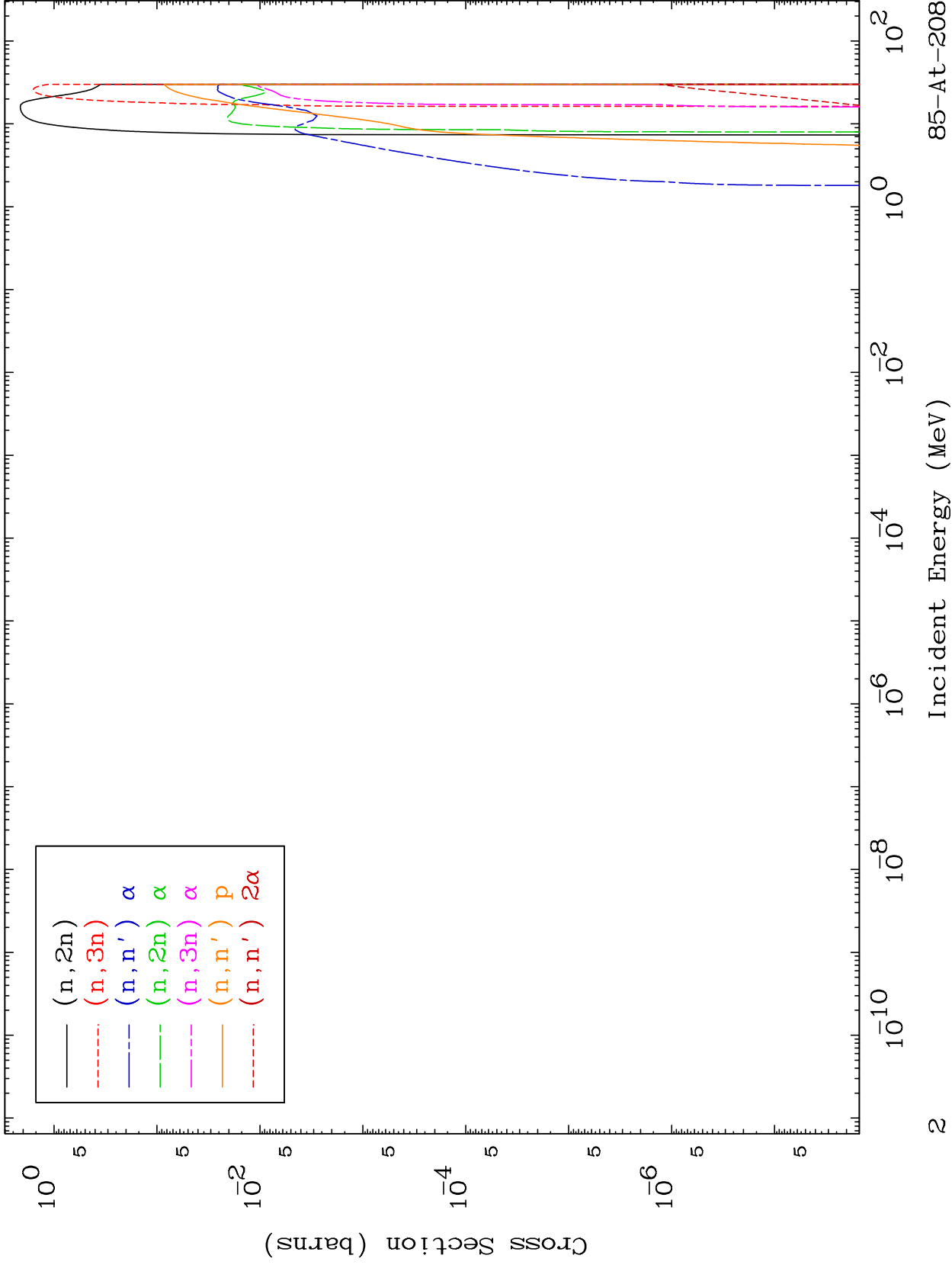
85-At-208



MAT 8540

Neutron Production
293 Kelvin Cross Sections

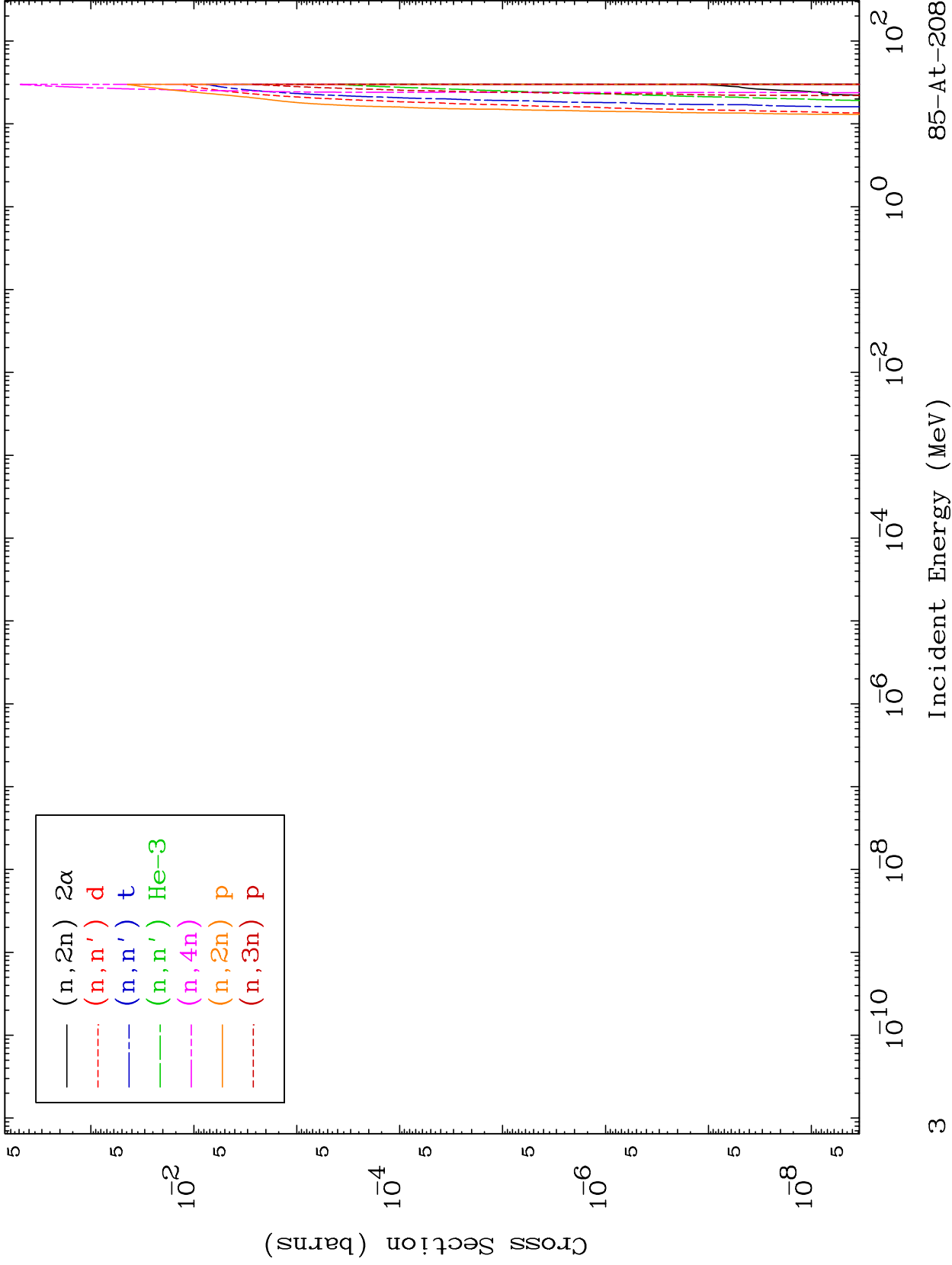
85-At-208



MAT 8540

Neutron Production
293 Kelvin Cross Sections

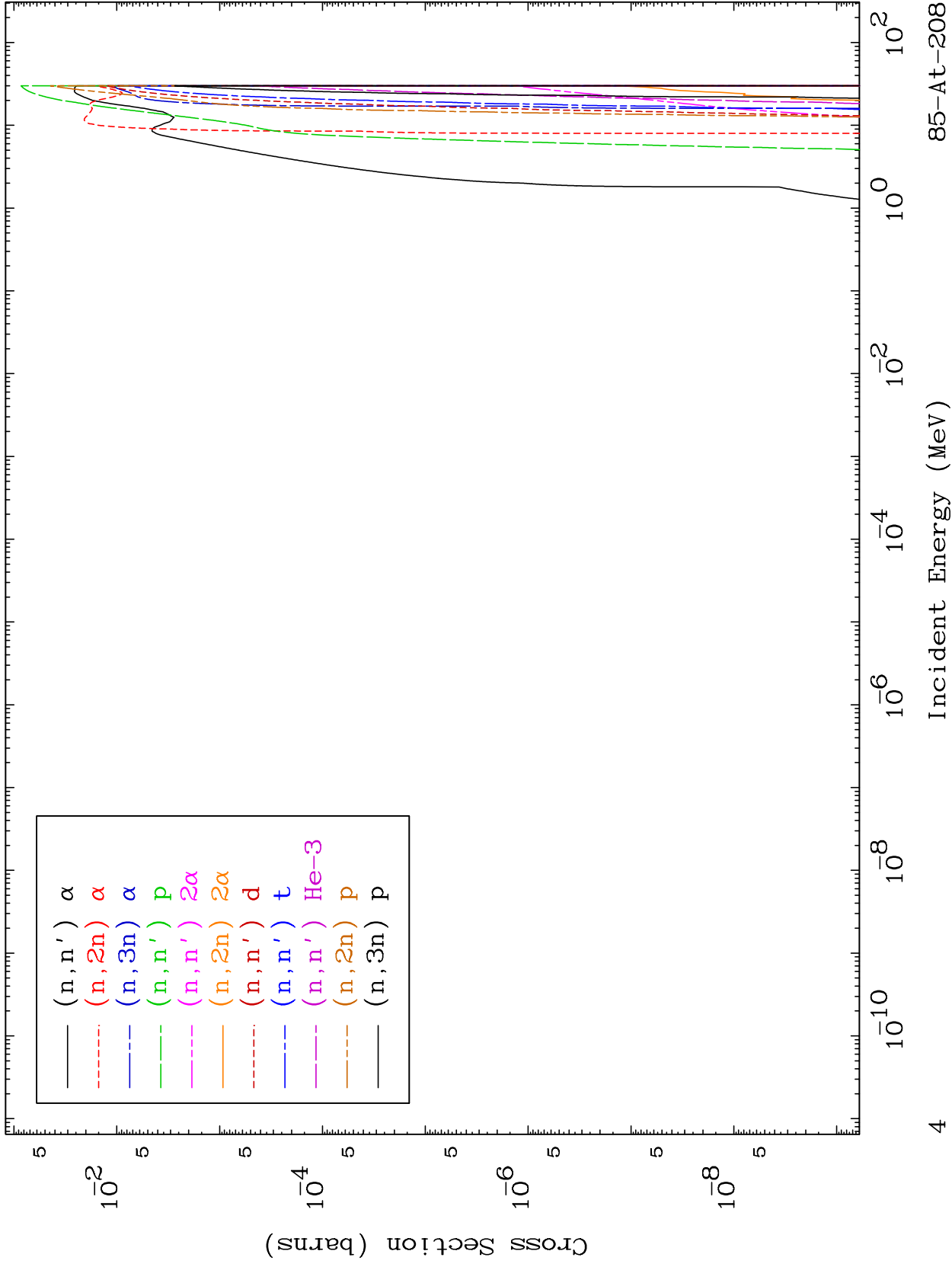
85-At-208



MAT 8540

Charged Particle
293 Kelvin Cross Sections

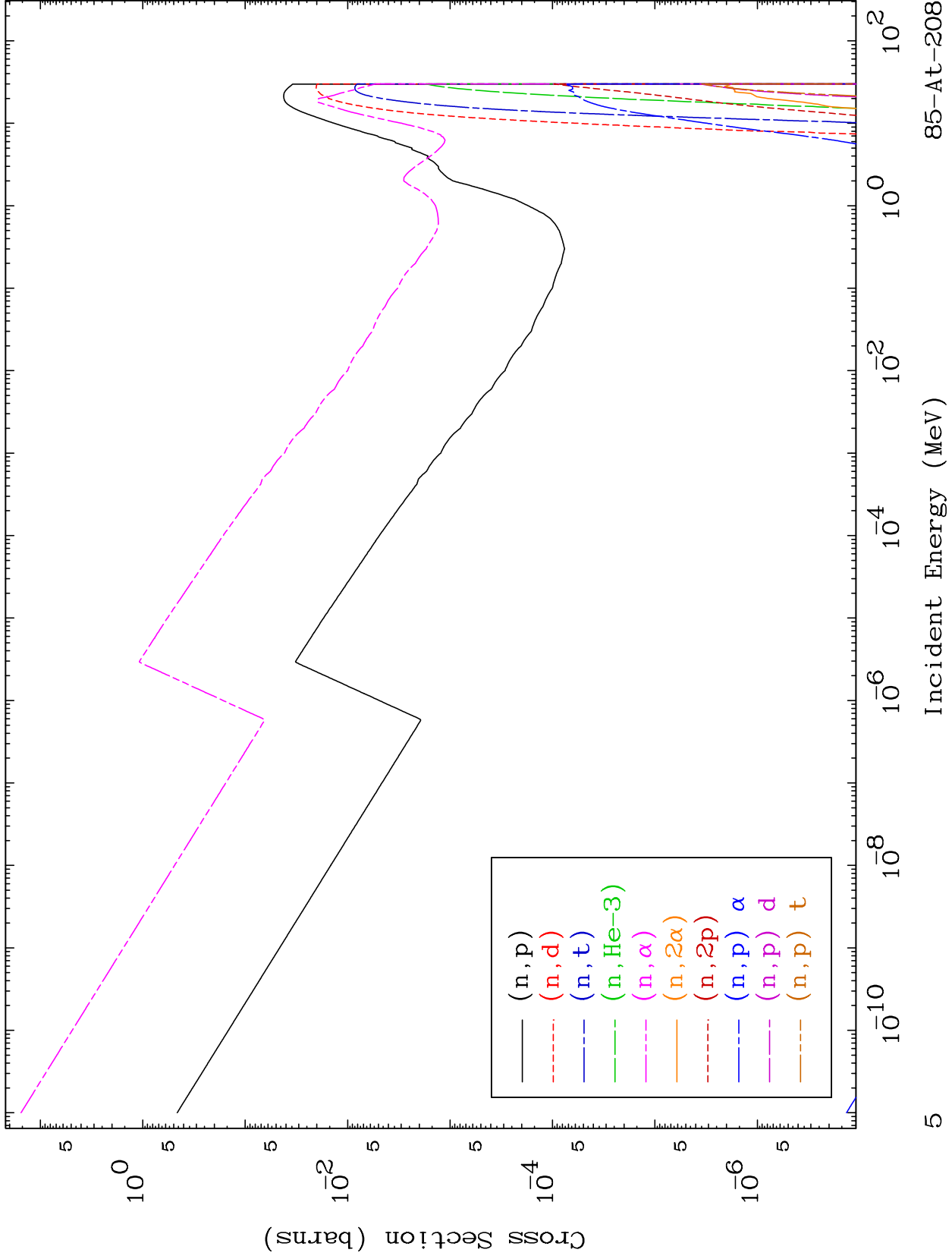
85-At-208



MAT 8540

Charged Particle
293 Kelvin Cross Sections

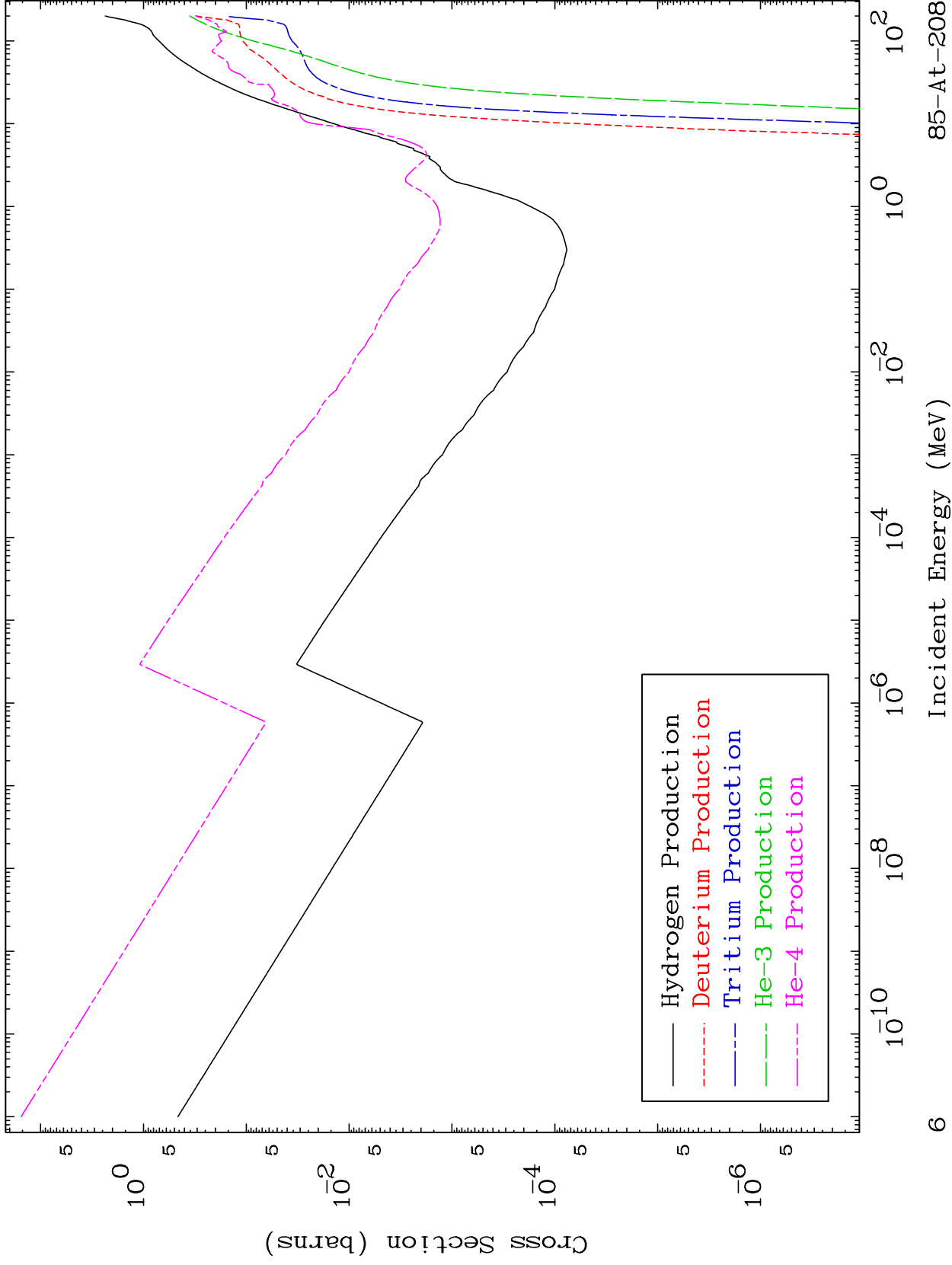
85-At-208



MAT 8540

Particle Production
293 Kelvin Cross Sections

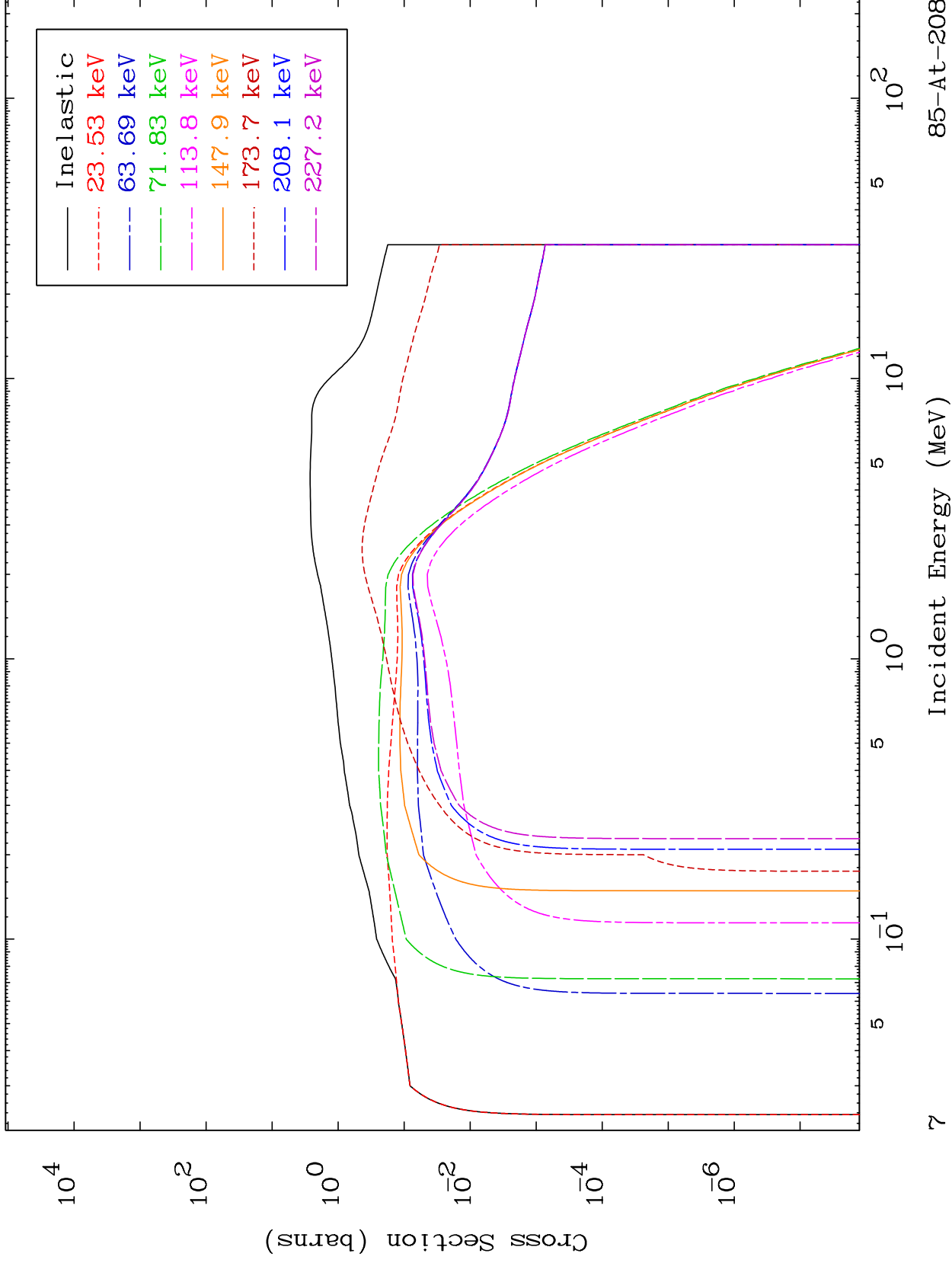
85-At-208



MAT 8540

(n,n') Level
293 Kelvin Cross Sections

85-At-208

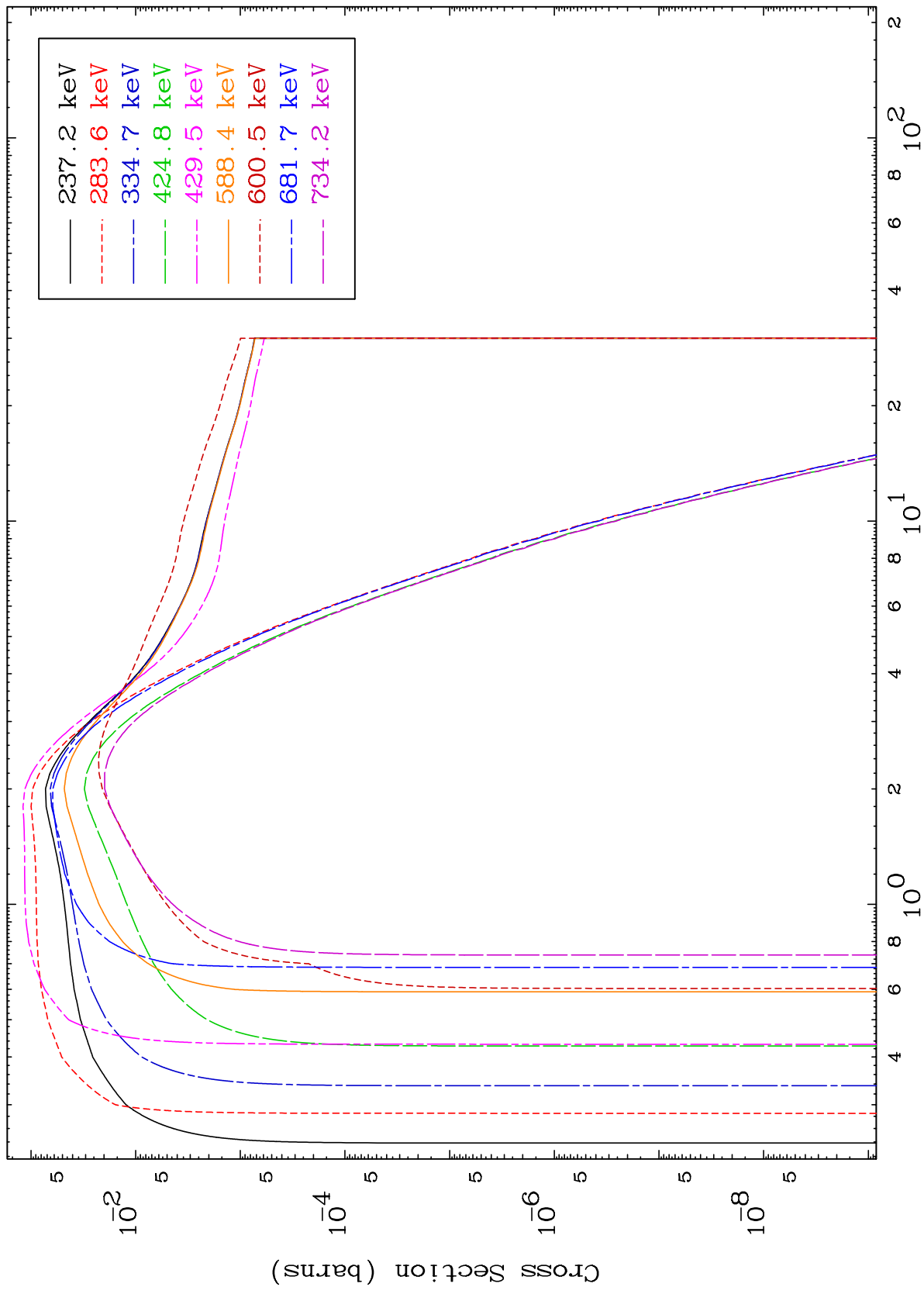


MAT 8540

(n,n') Level

85-At-208

293 Kelvin Cross Sections



8

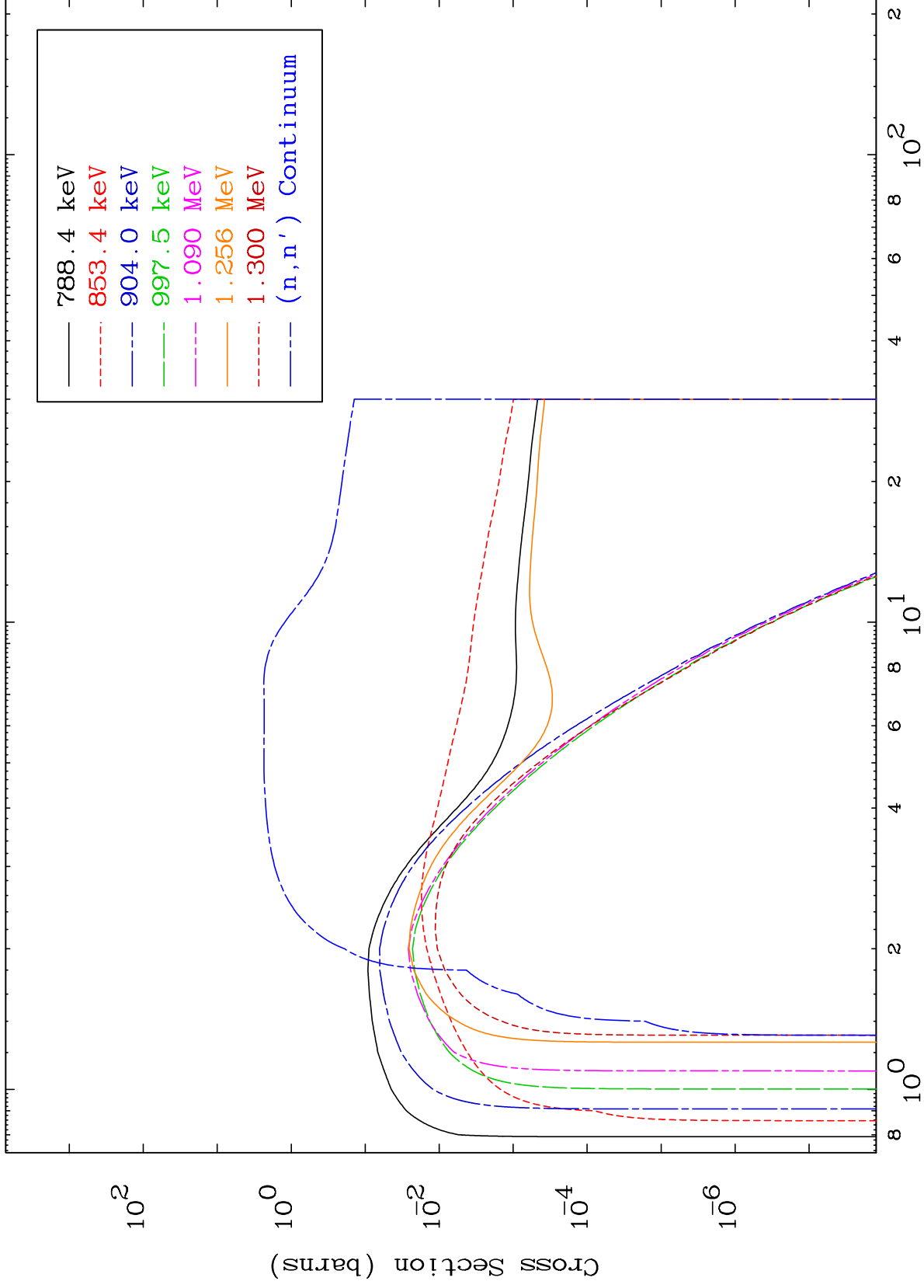
Incident Energy (MeV)

85-At-208

MAT 8540

(n,n') Level
293 Kelvin Cross Sections

85-At-208



9

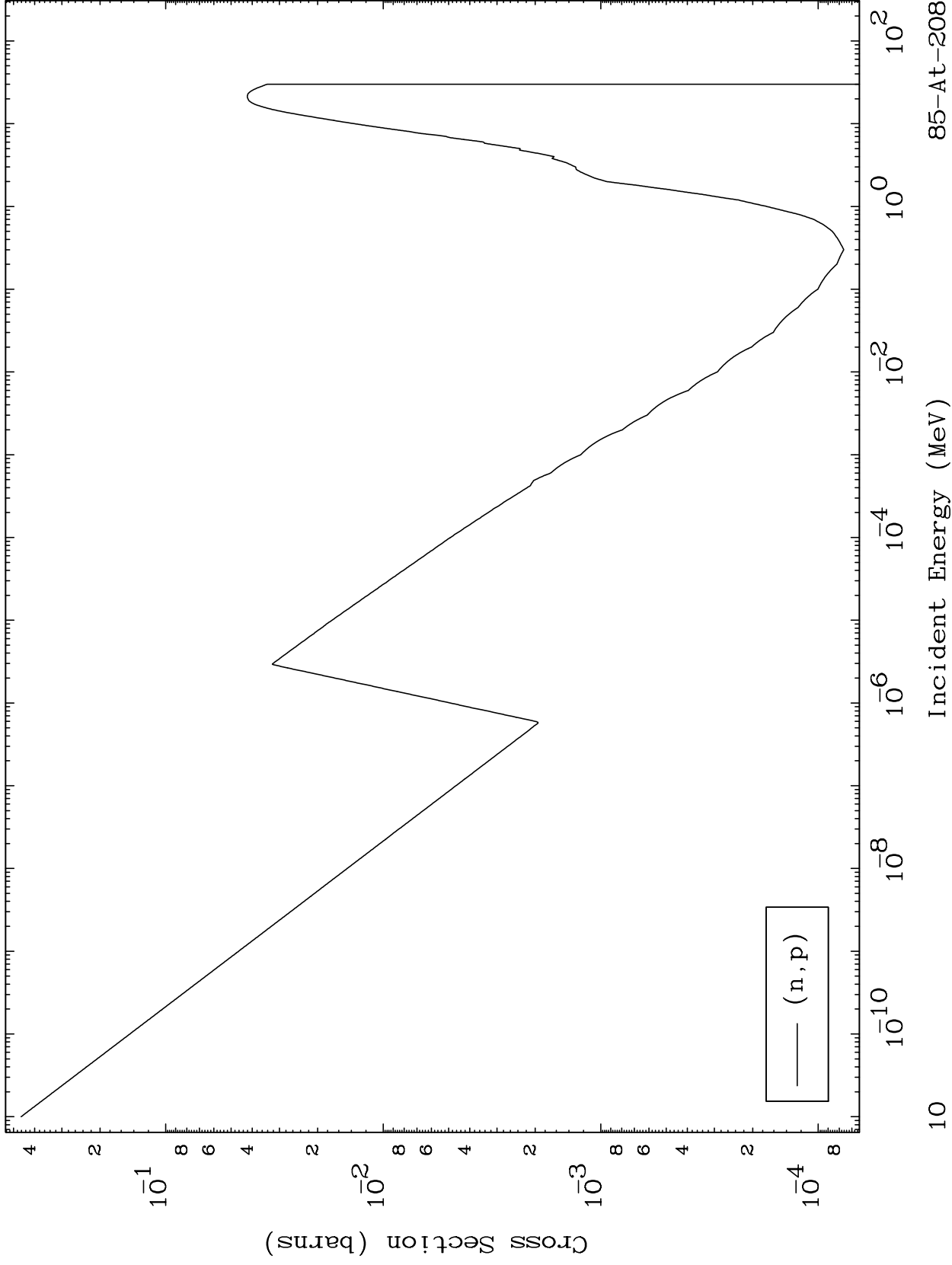
Incident Energy (MeV)

85-At-208

MAT 8540

(n,p) Levels
293 Kelvin Cross Sections

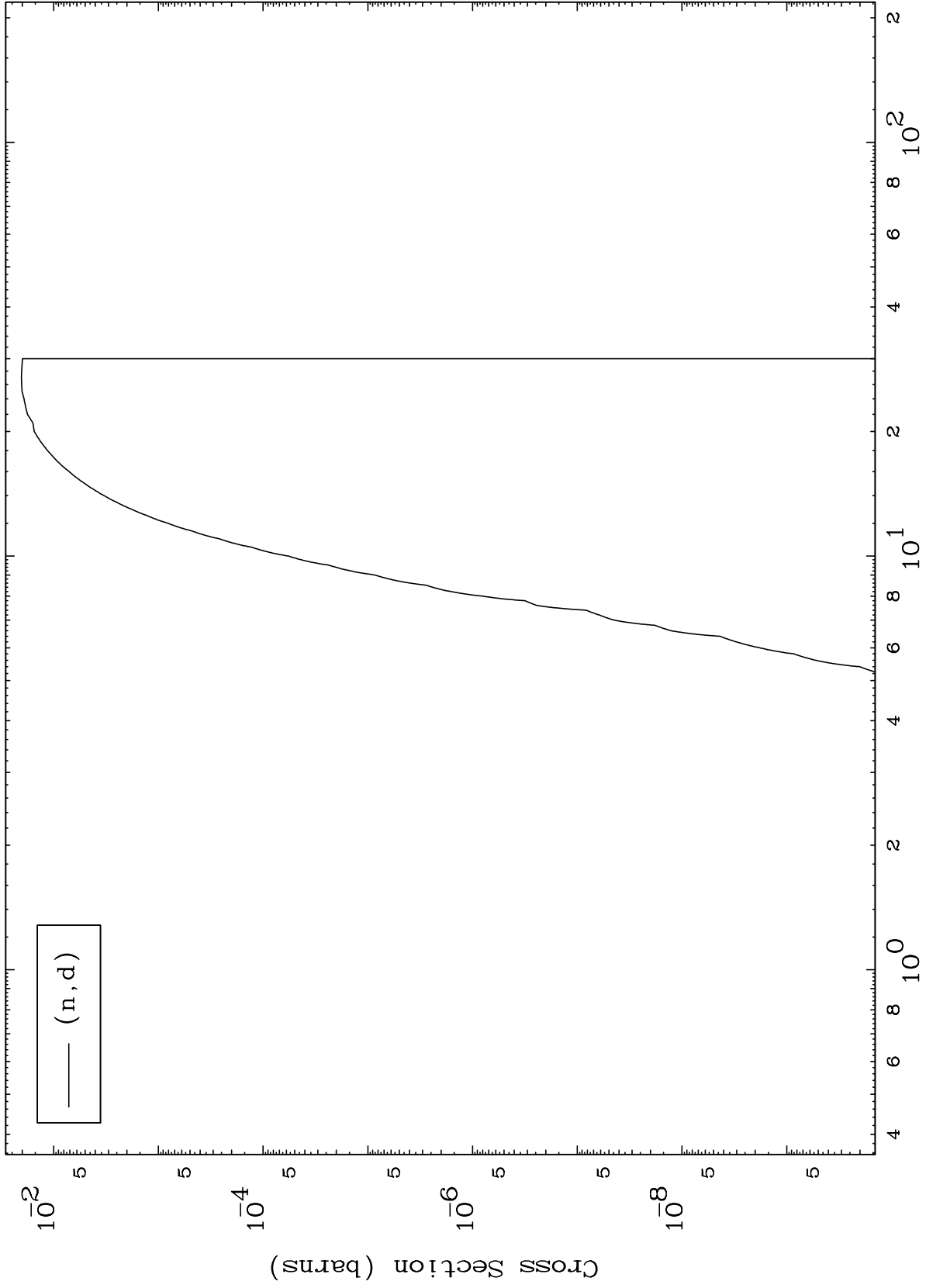
85-At-208



MAT 8540

(n,d) Levels
293 Kelvin Cross Sections

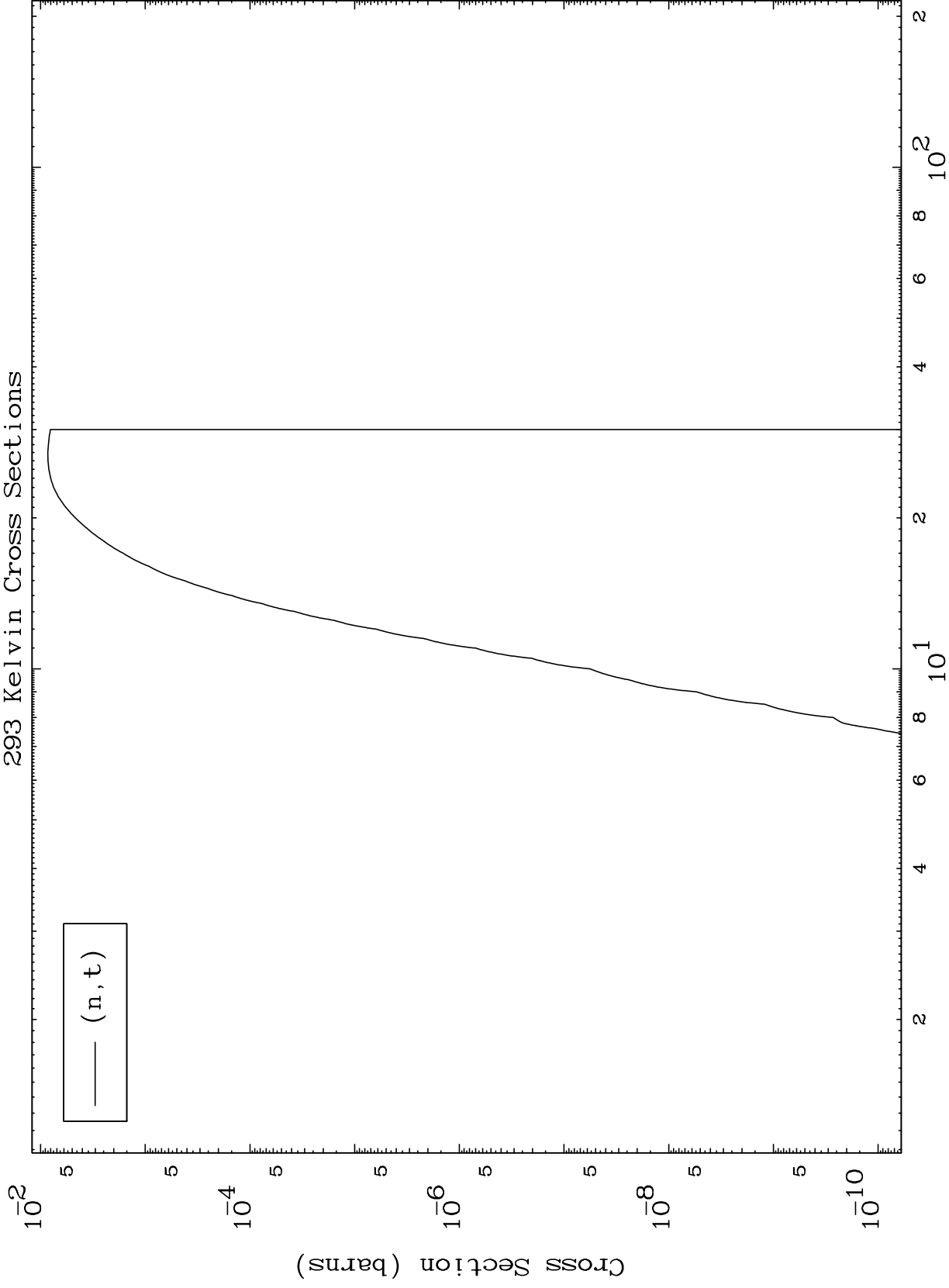
85-At-208



MAT 8540

(n,t) Levels
293 Kelvin Cross Sections

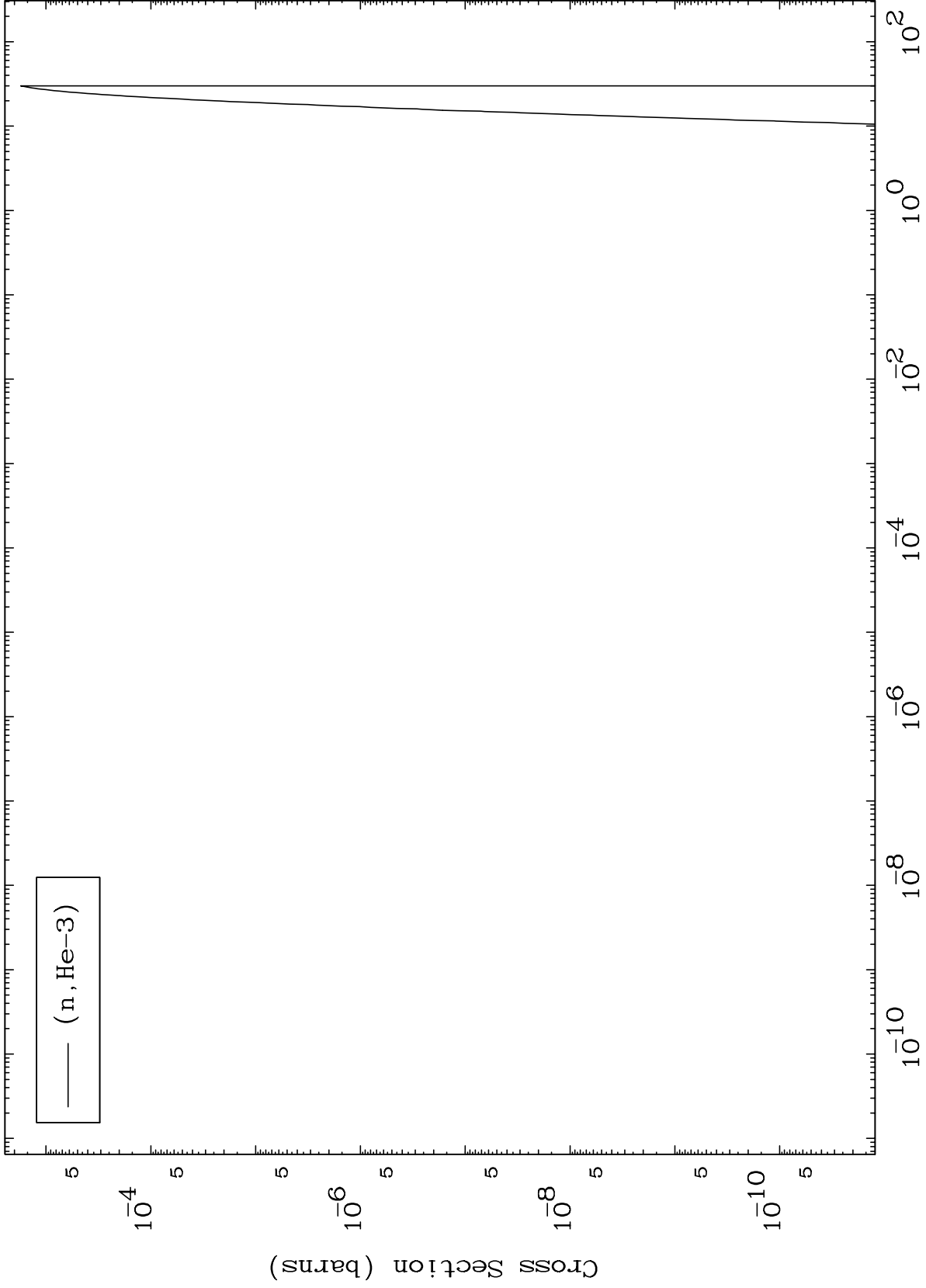
85-At-208



MAT 8540

(n,He3) Levels
293 Kelvin Cross Sections

85-At-208



13

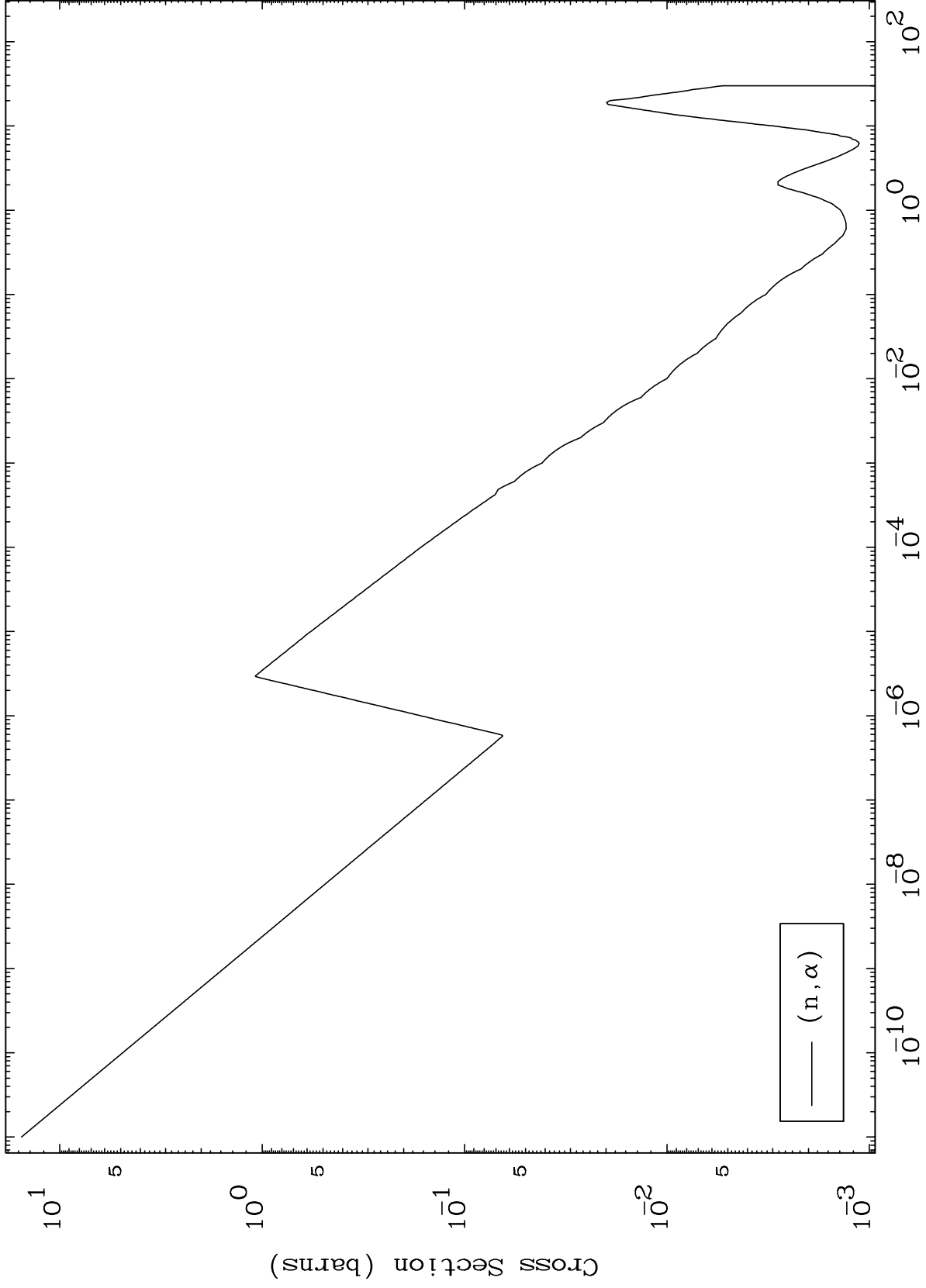
Incident Energy (MeV)

85-At-208

MAT 8540

(n, α) Levels
293 Kelvin Cross Sections

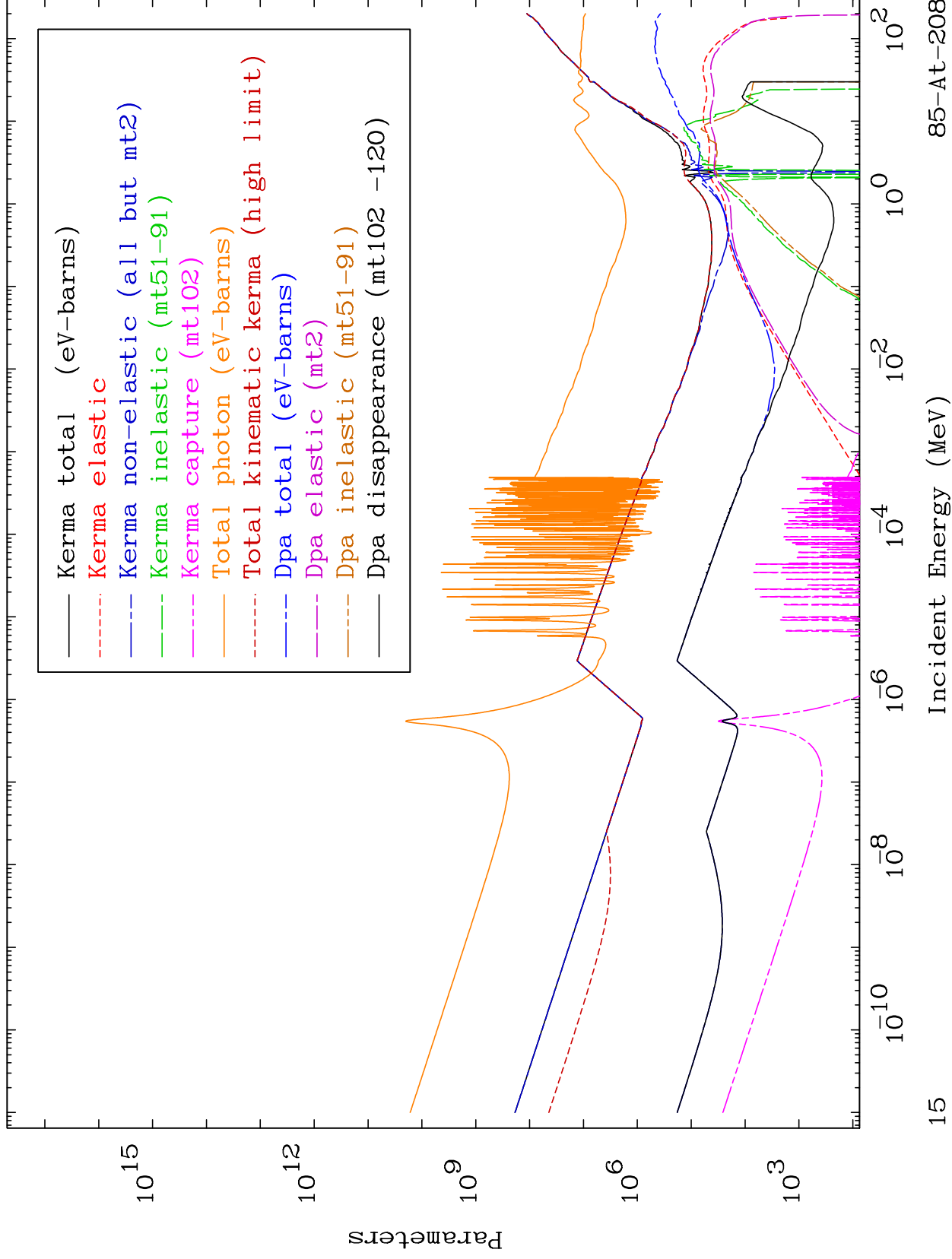
85-At-208



14

Incident Energy (MeV)

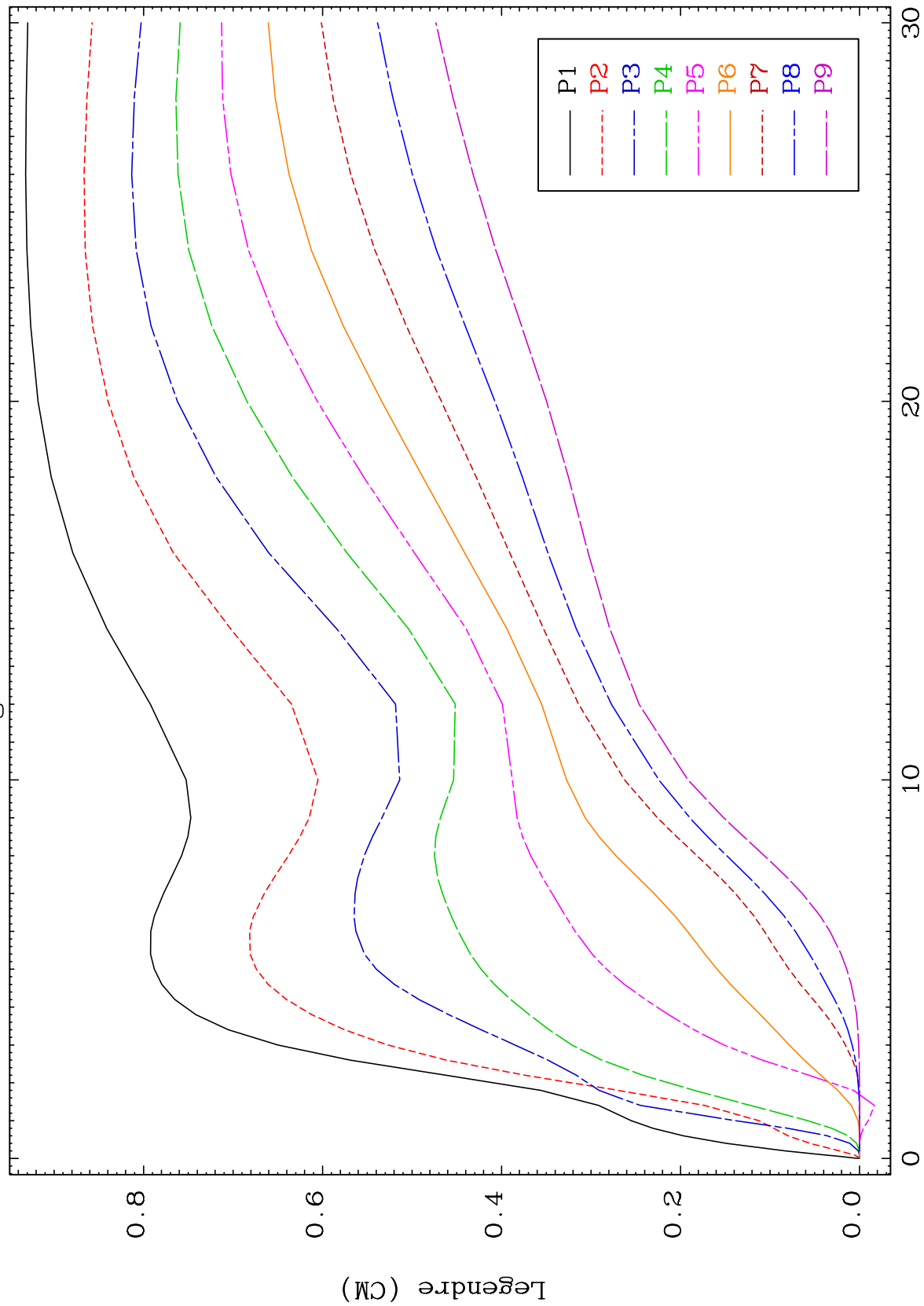
85-At-208



MAT 8540

Elastic Legendre Coefficients

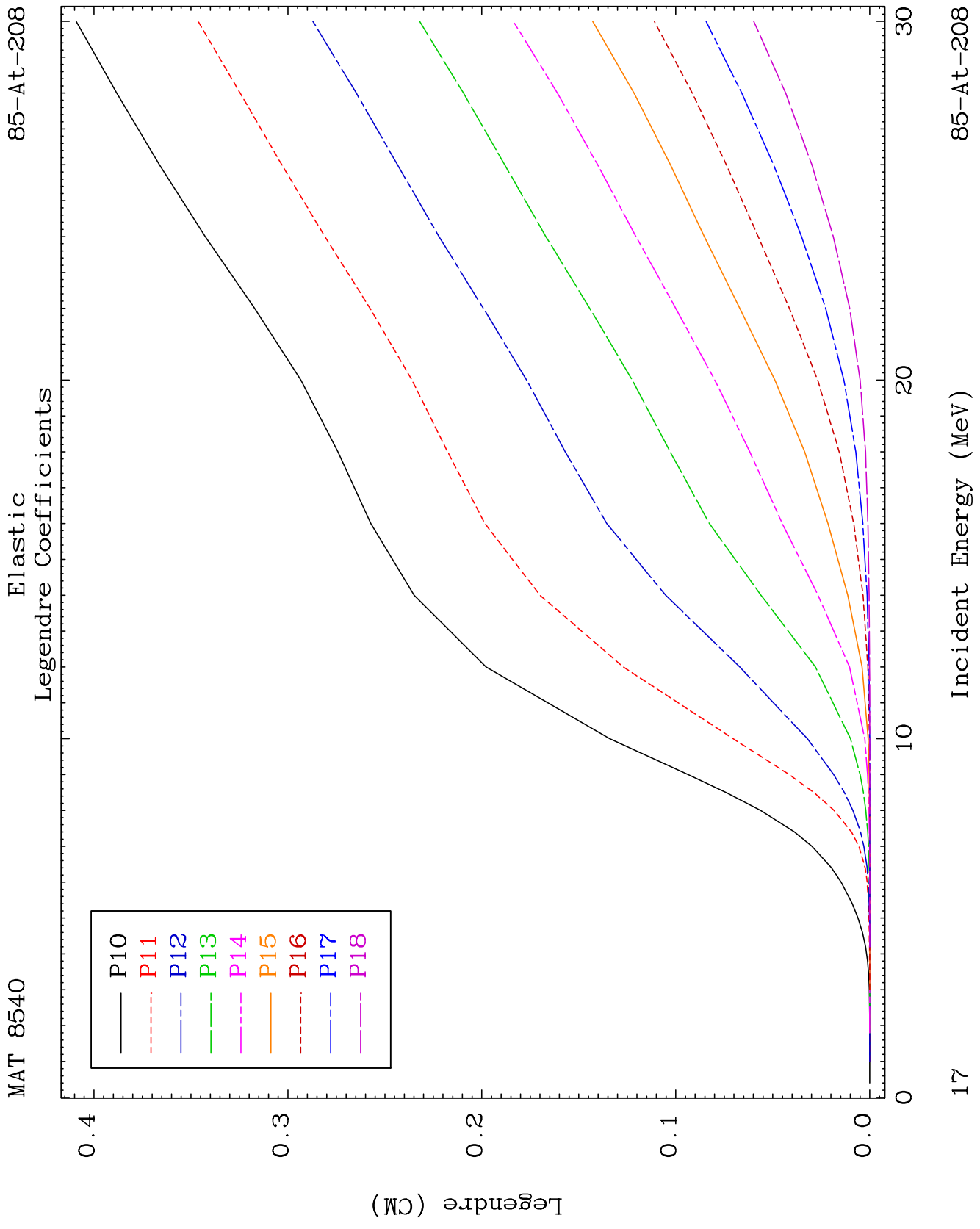
85-At-208



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Incident Energy (MeV)

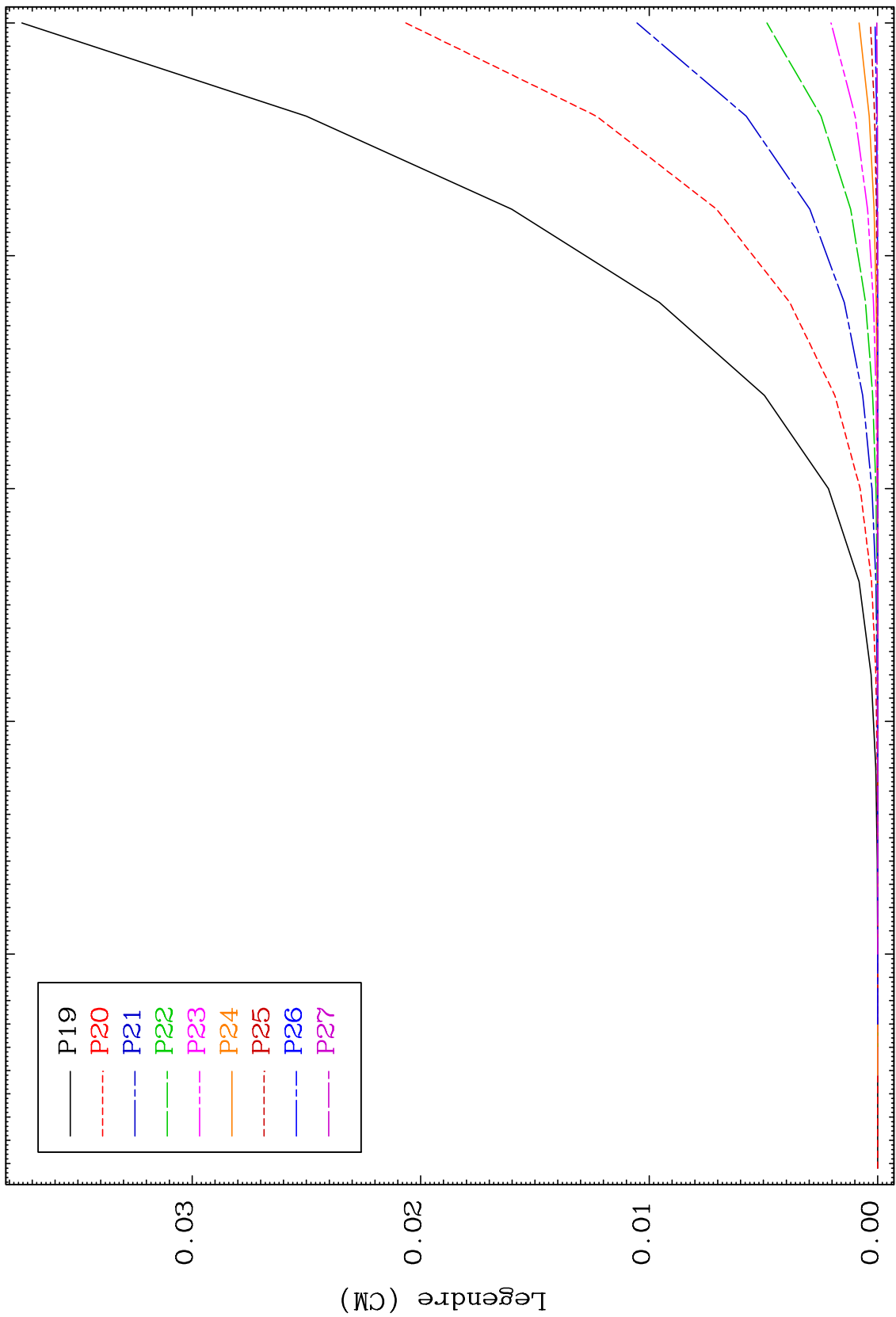
85-At-208



MAT 8540

Elastic Legendre Coefficients

85-At-208



18

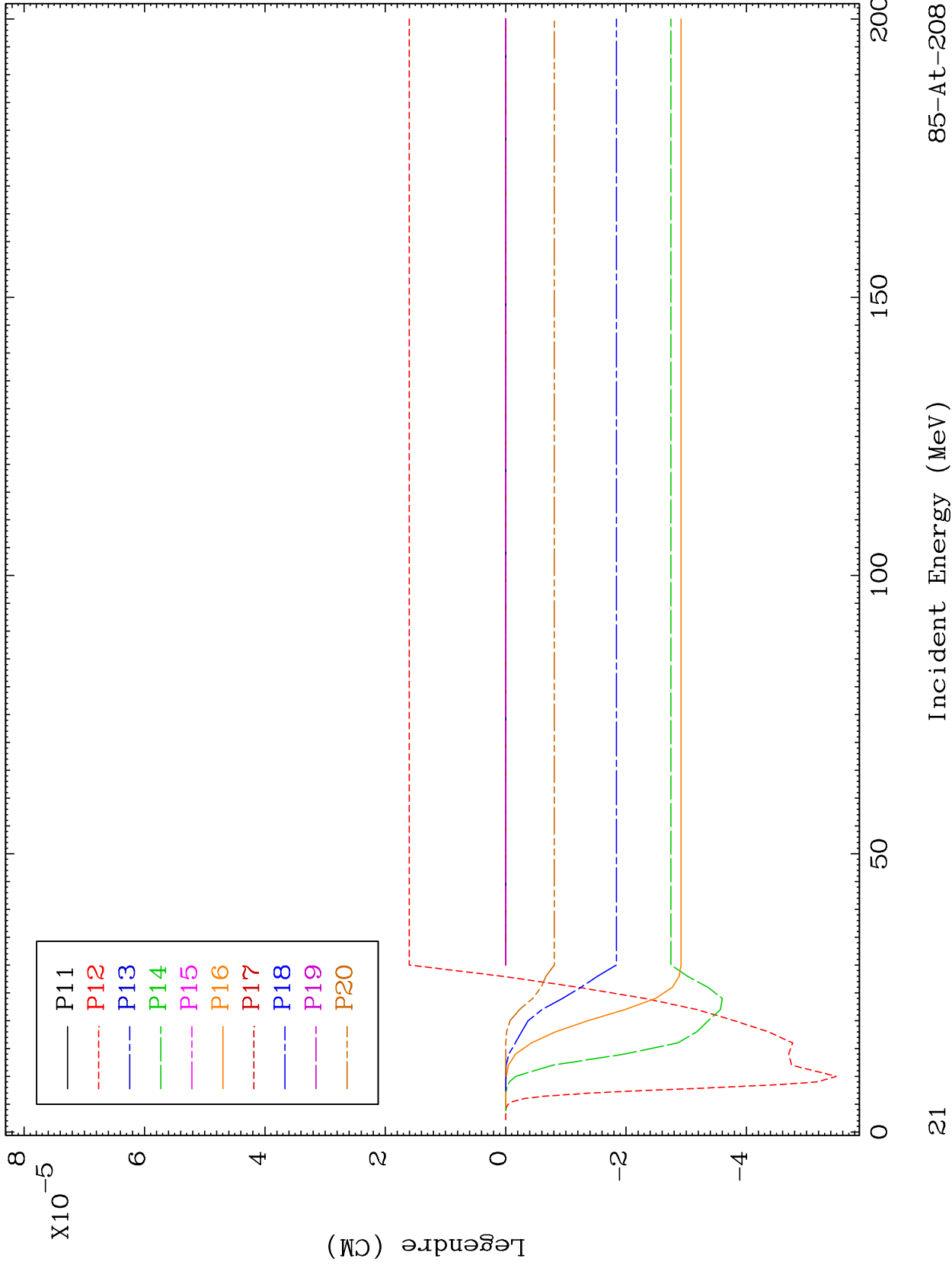
Incident Energy (MeV)

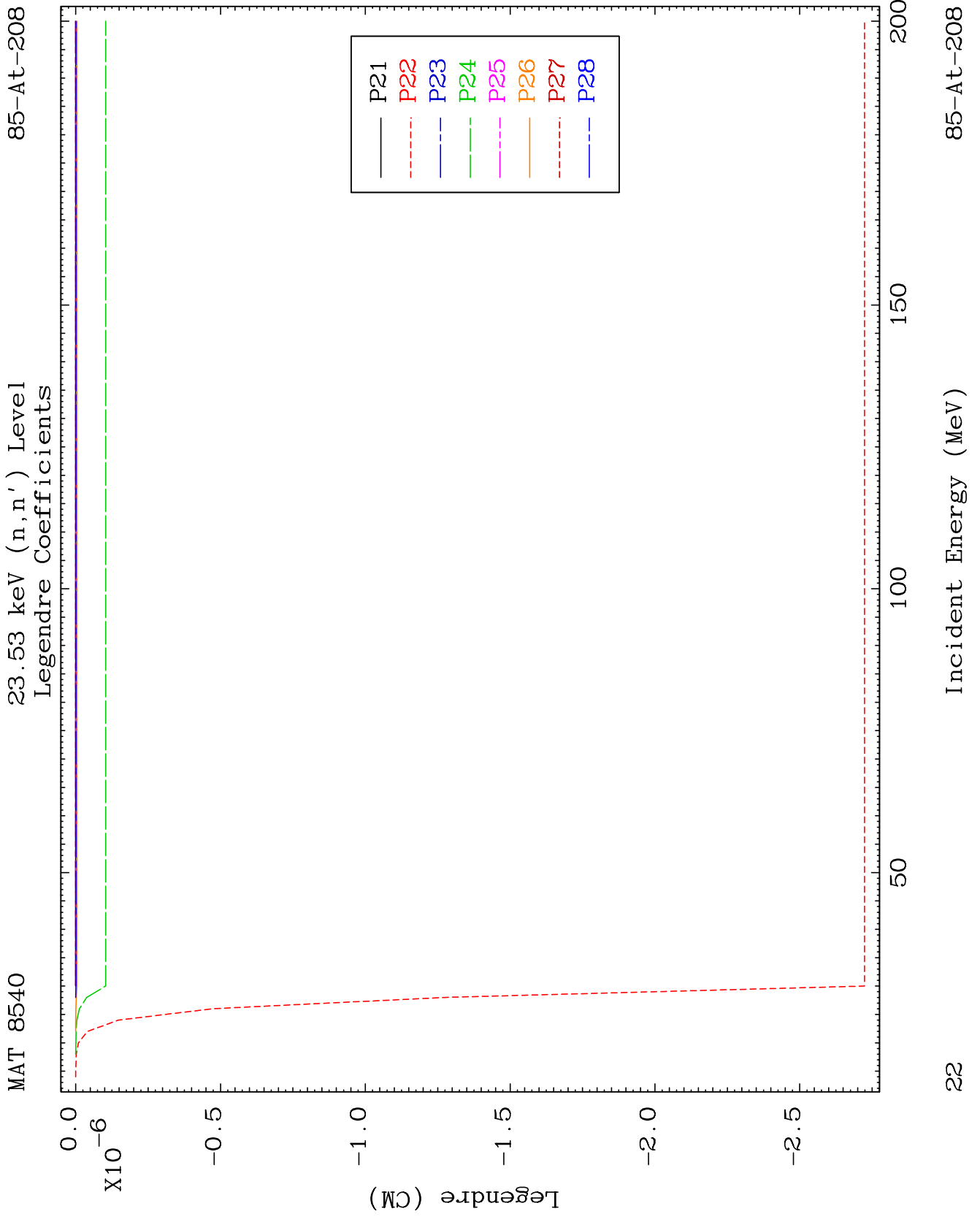
85-At-208

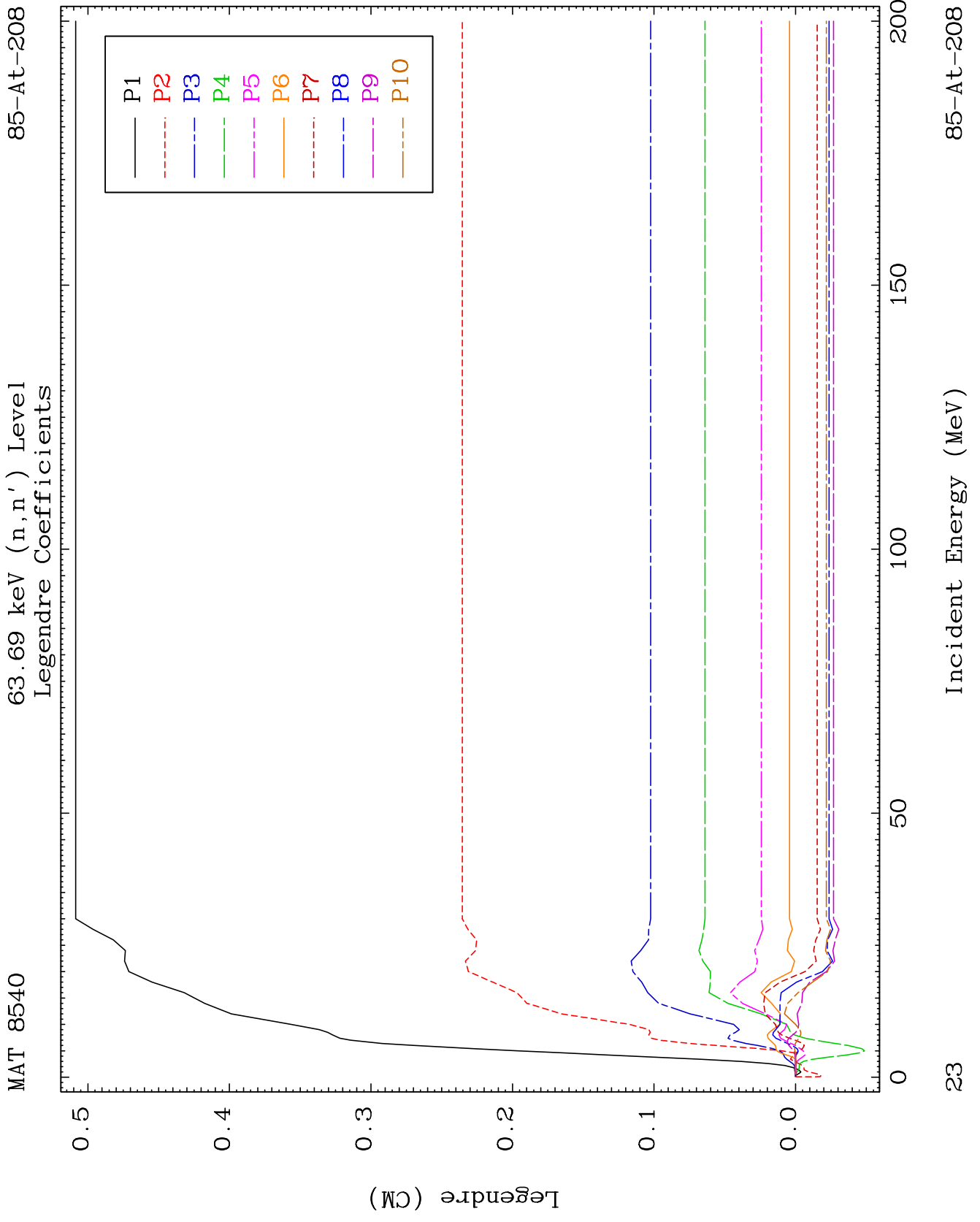
MAT 8540

23.53 keV (n,n') Level
Legendre Coefficients

85-At-208



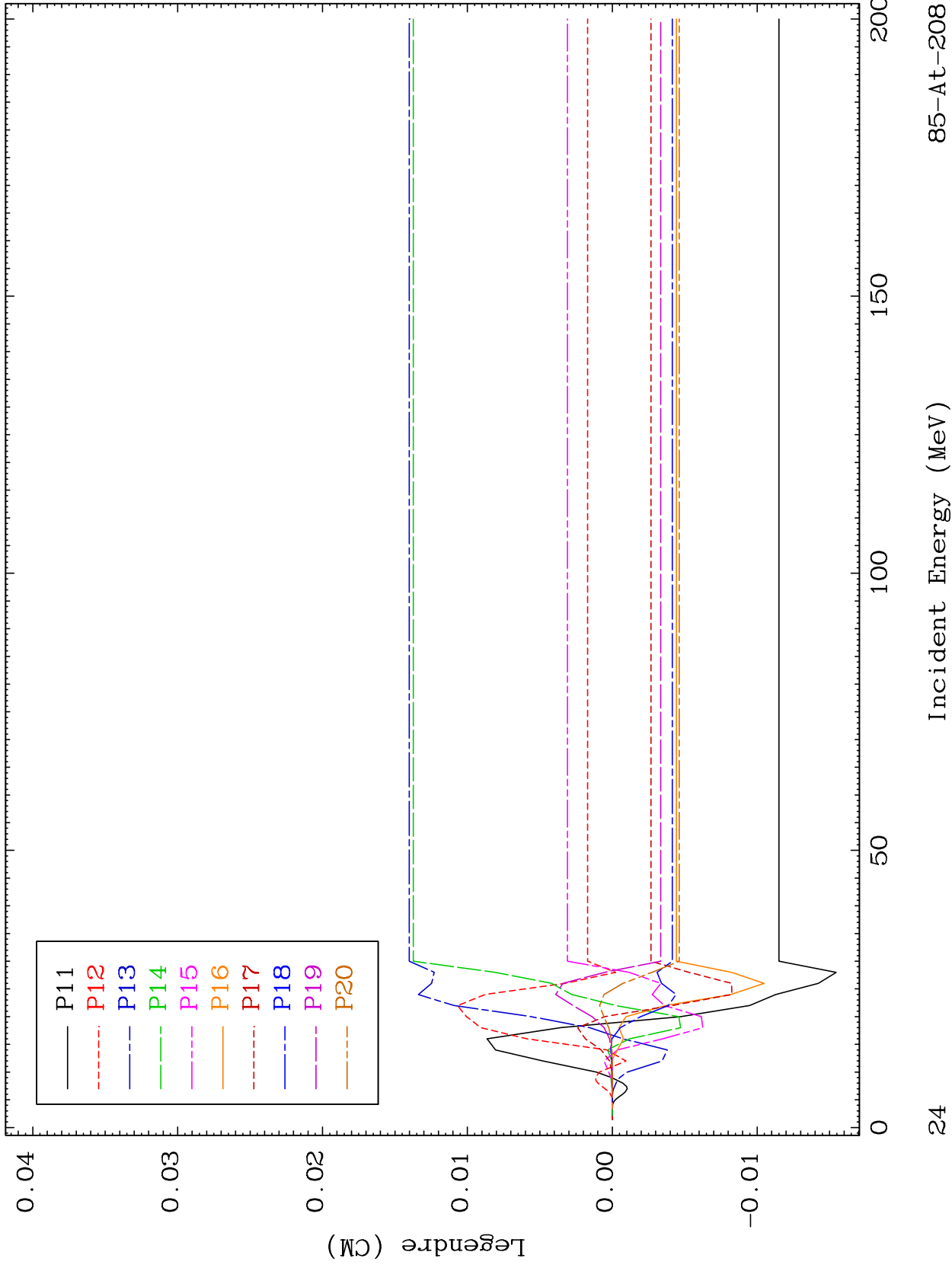




MAT 8540

63.69 keV (n,n') Level
Legendre Coefficients

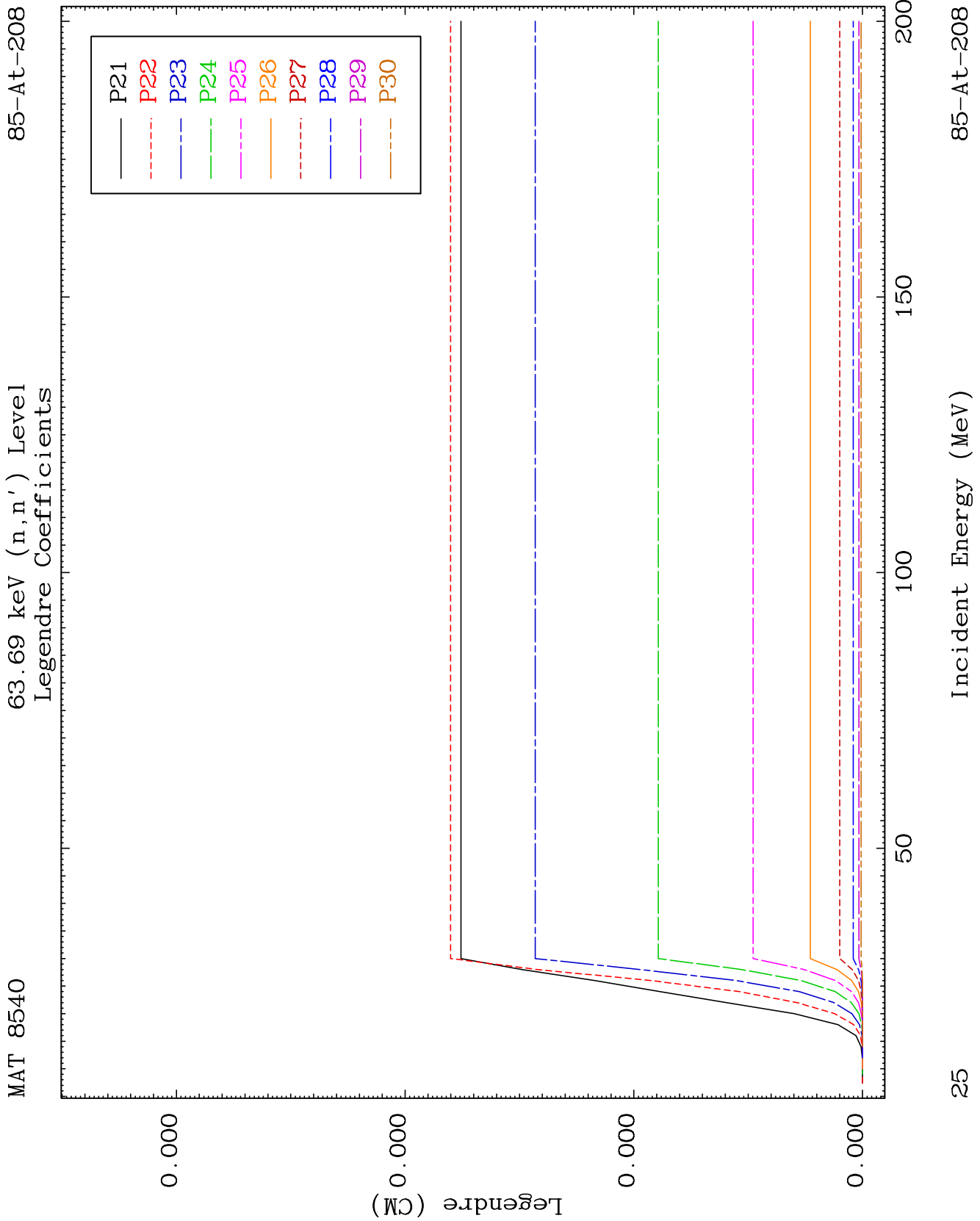
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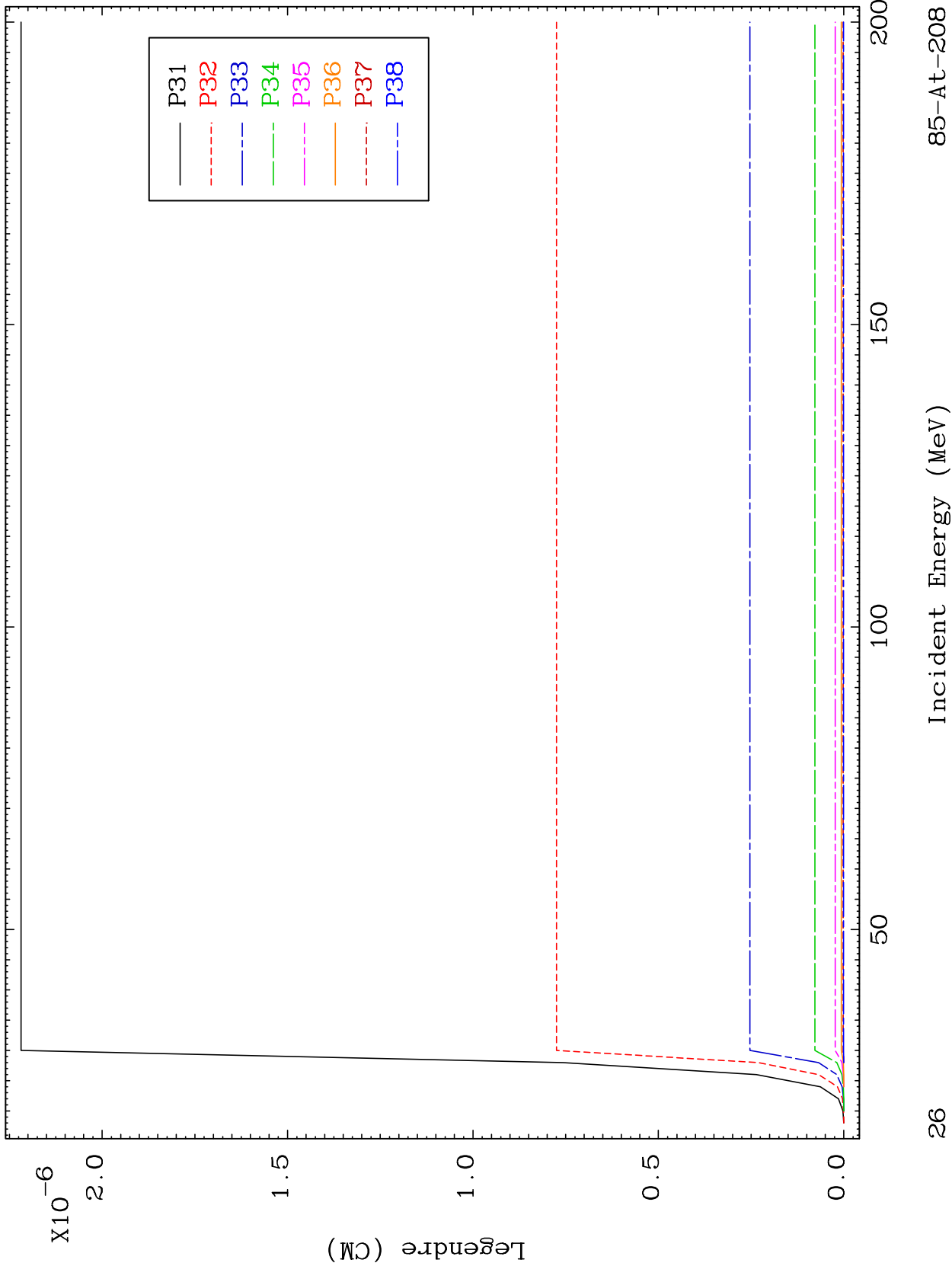


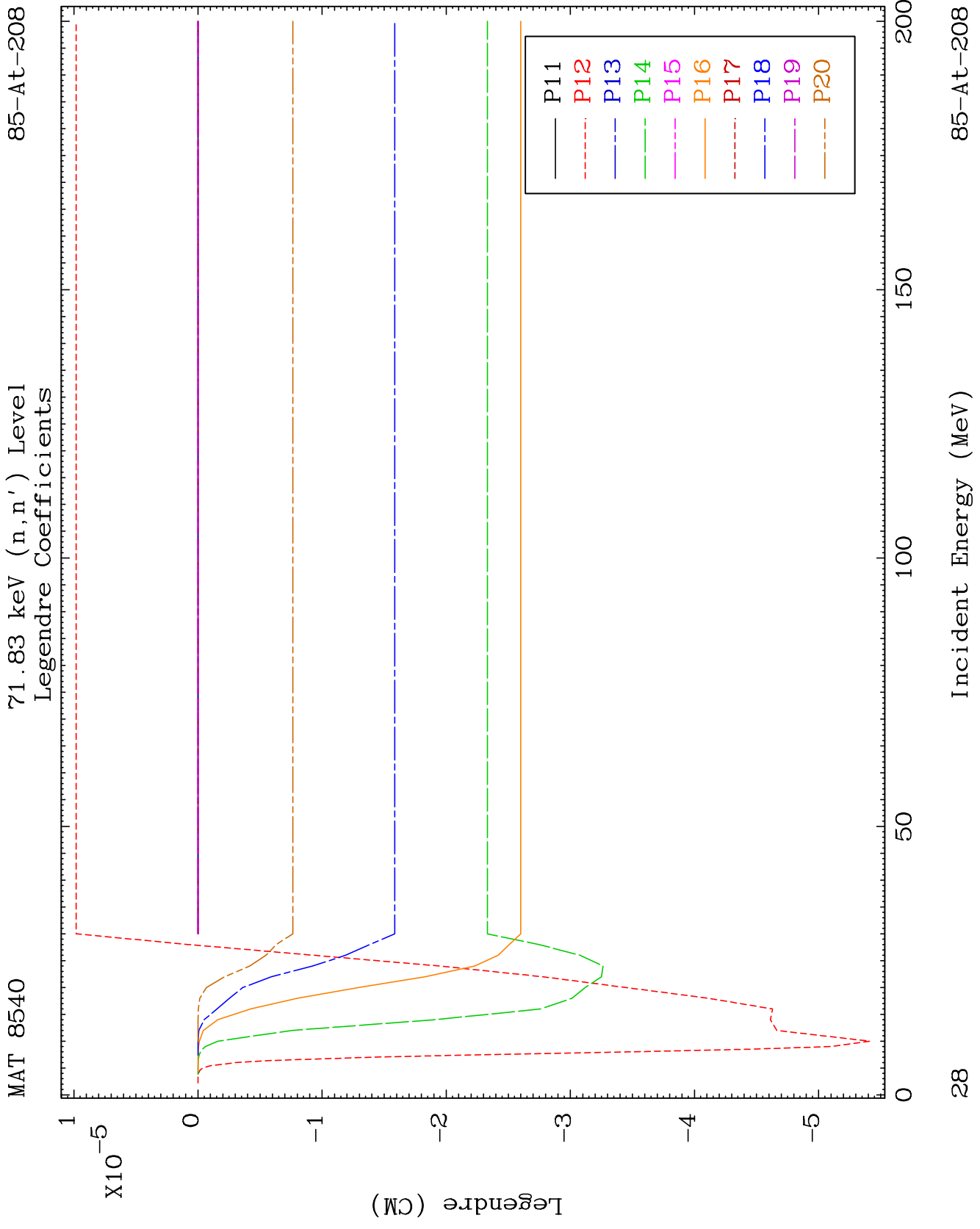
24

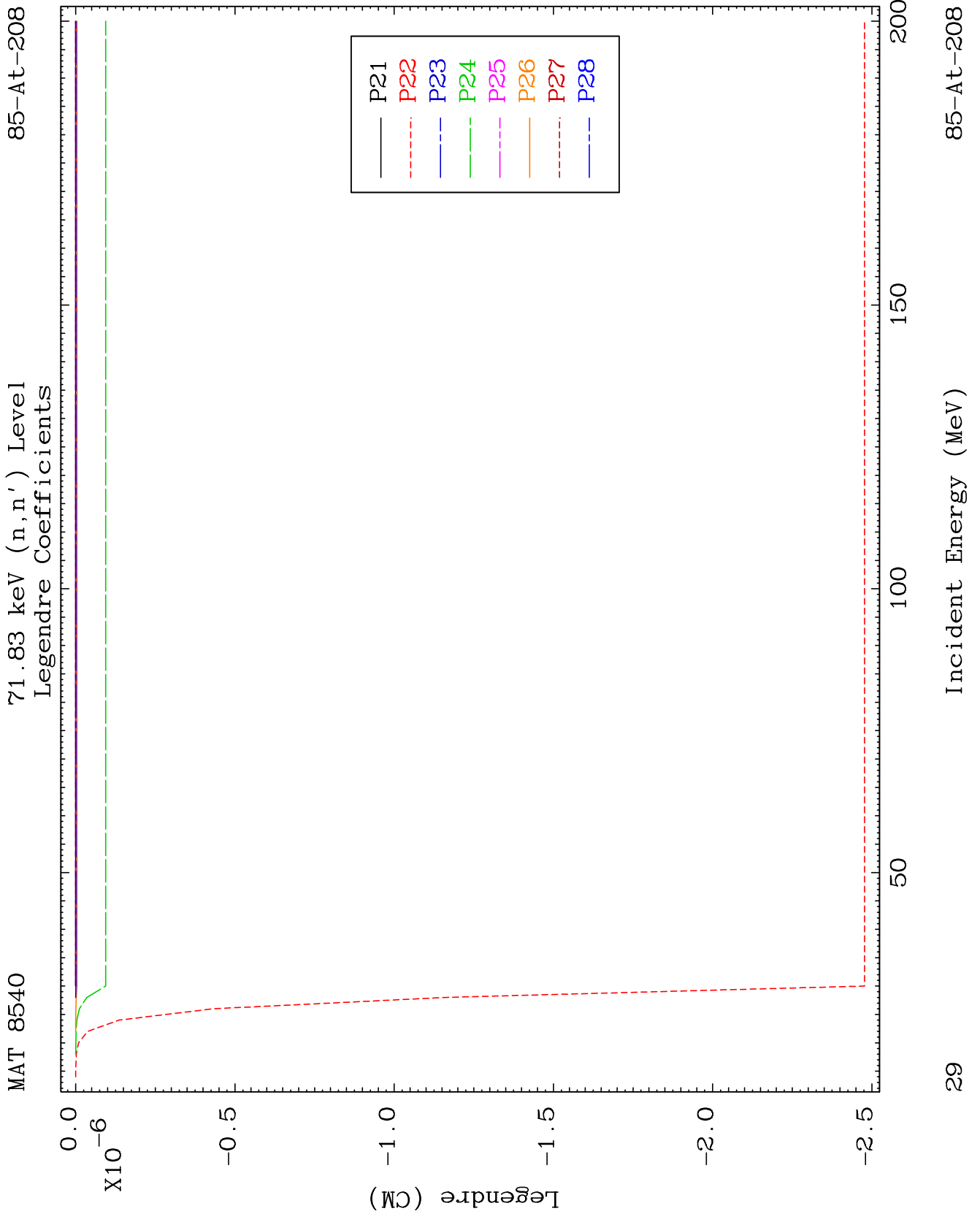
Incident Energy (MeV)

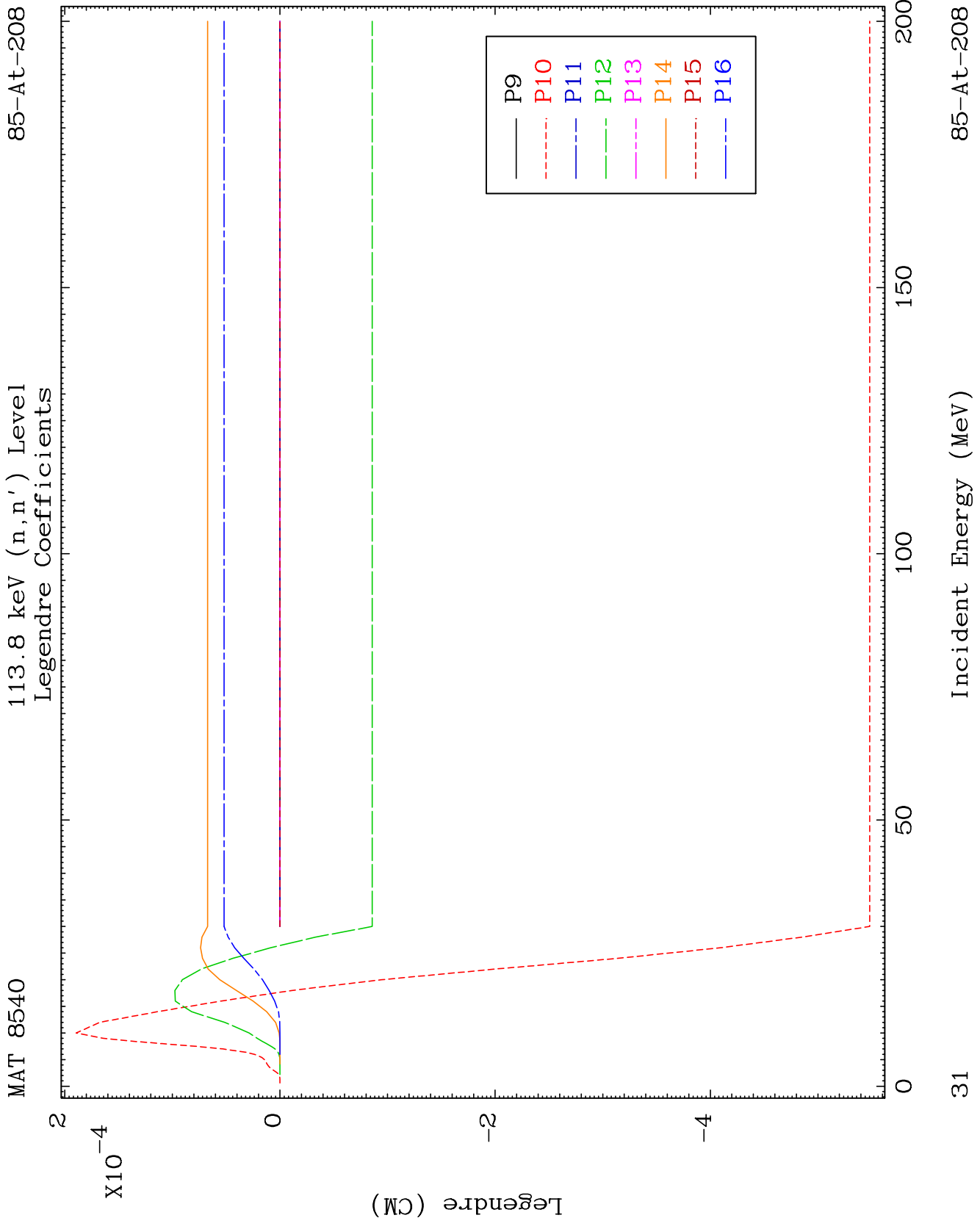
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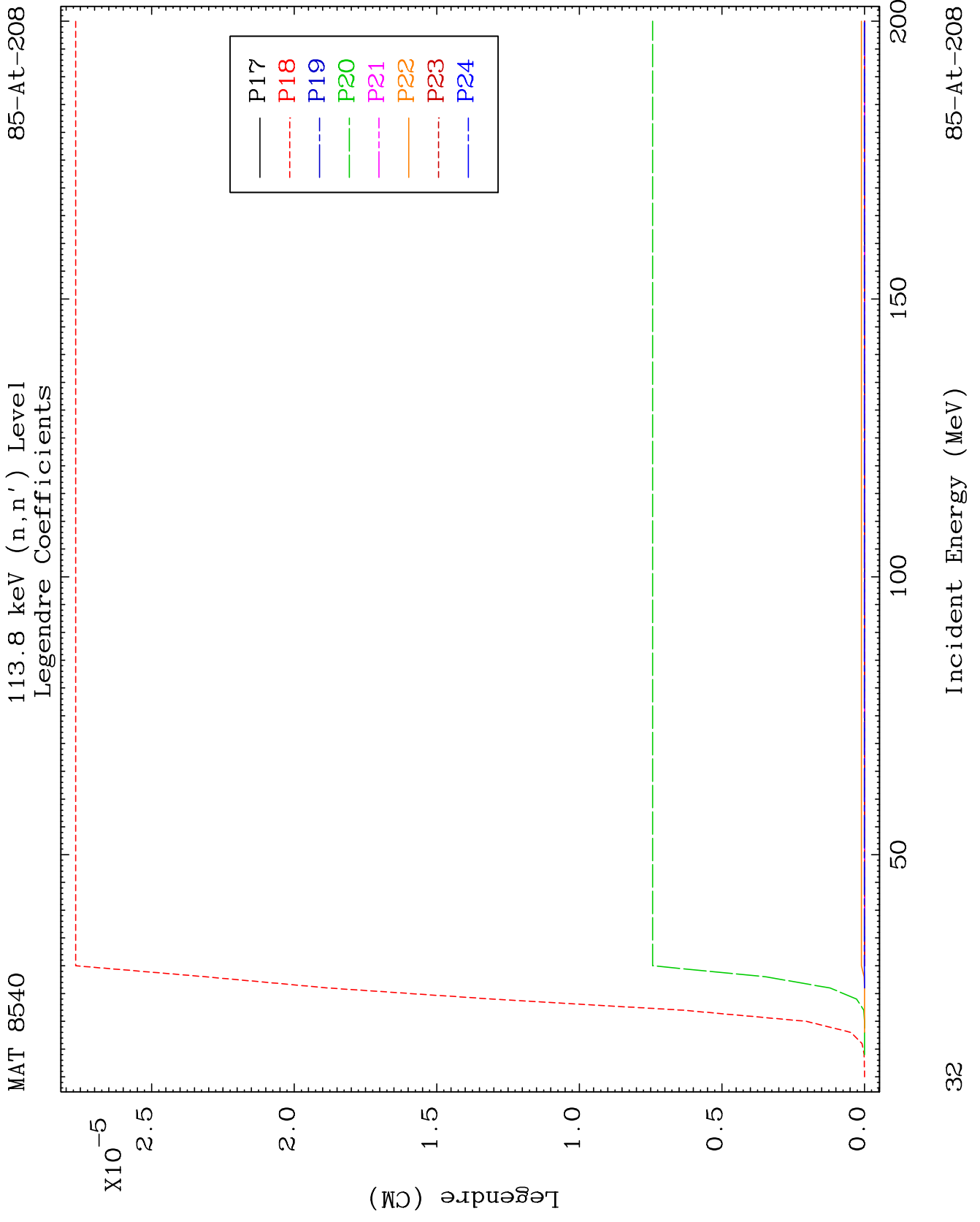


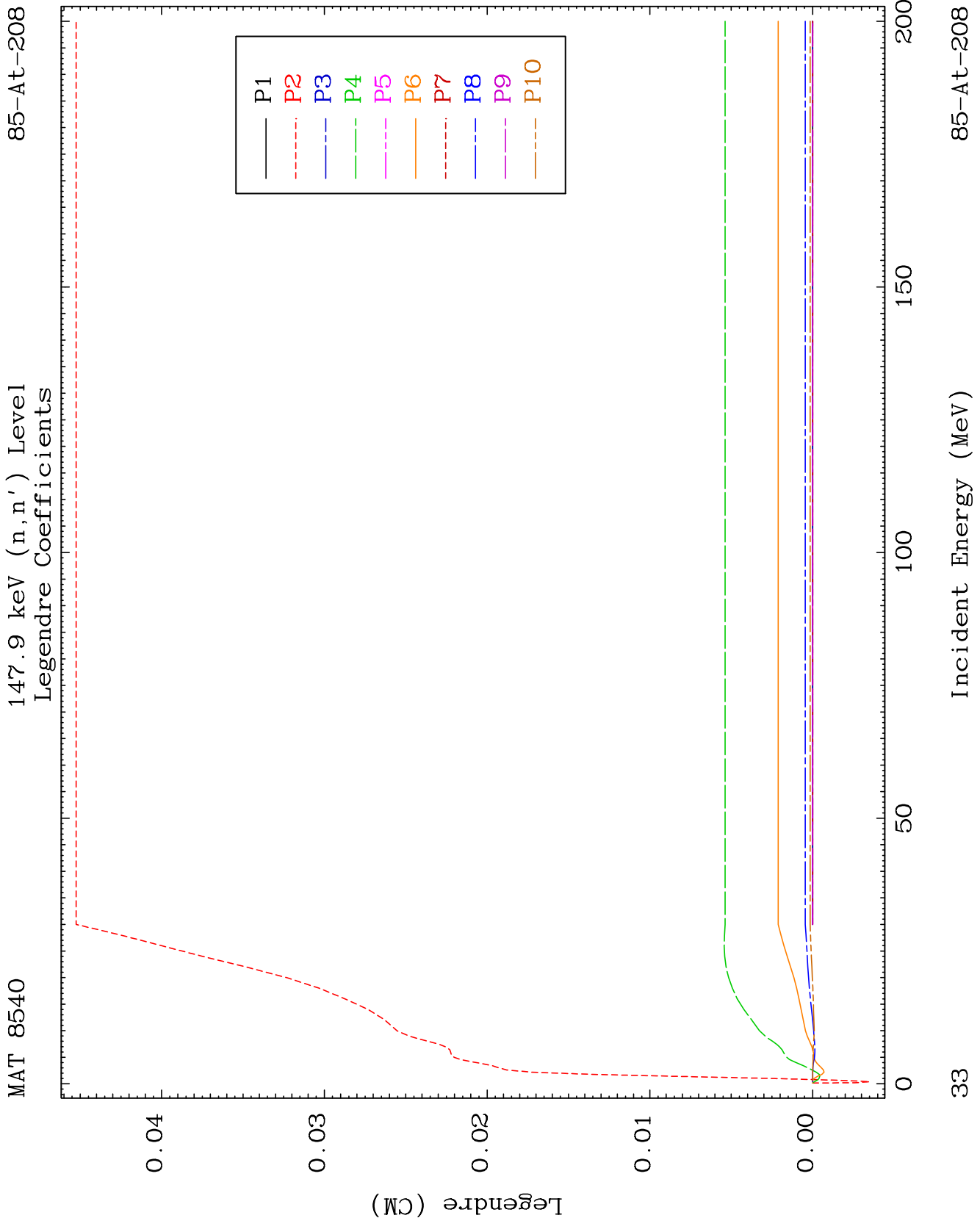








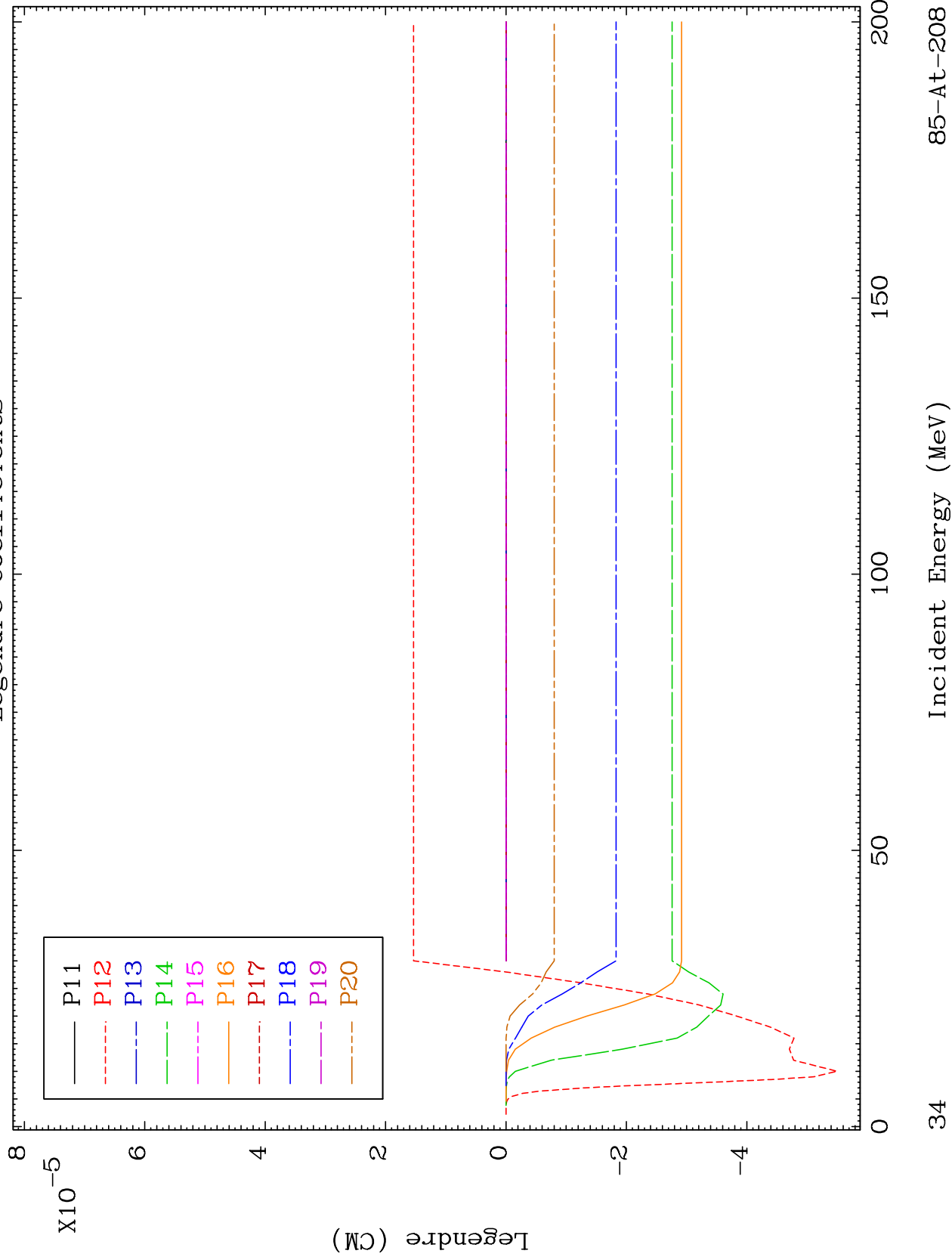


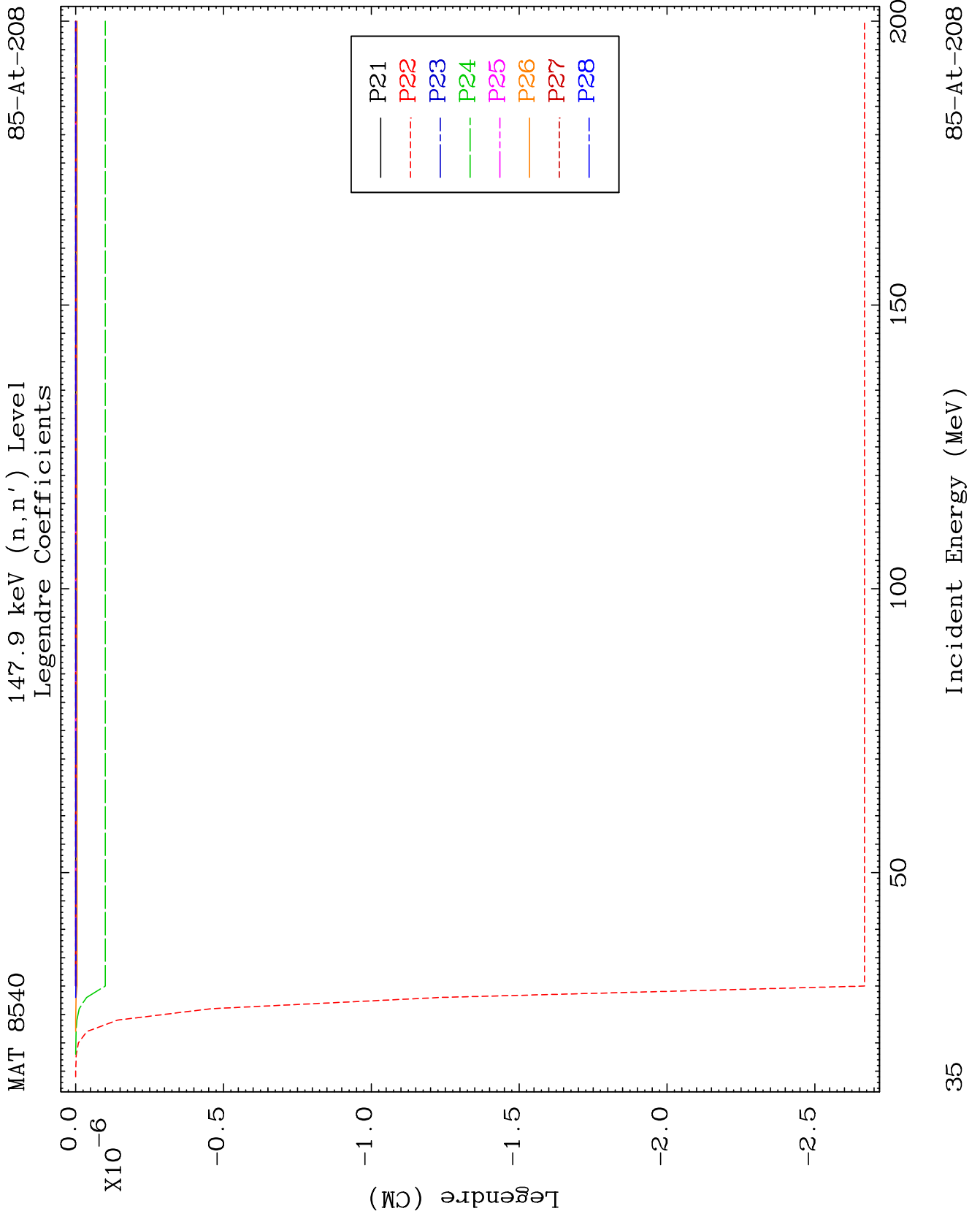


MAT 8540

147.9 keV (n,n') Level
Legendre Coefficients

85-At-208

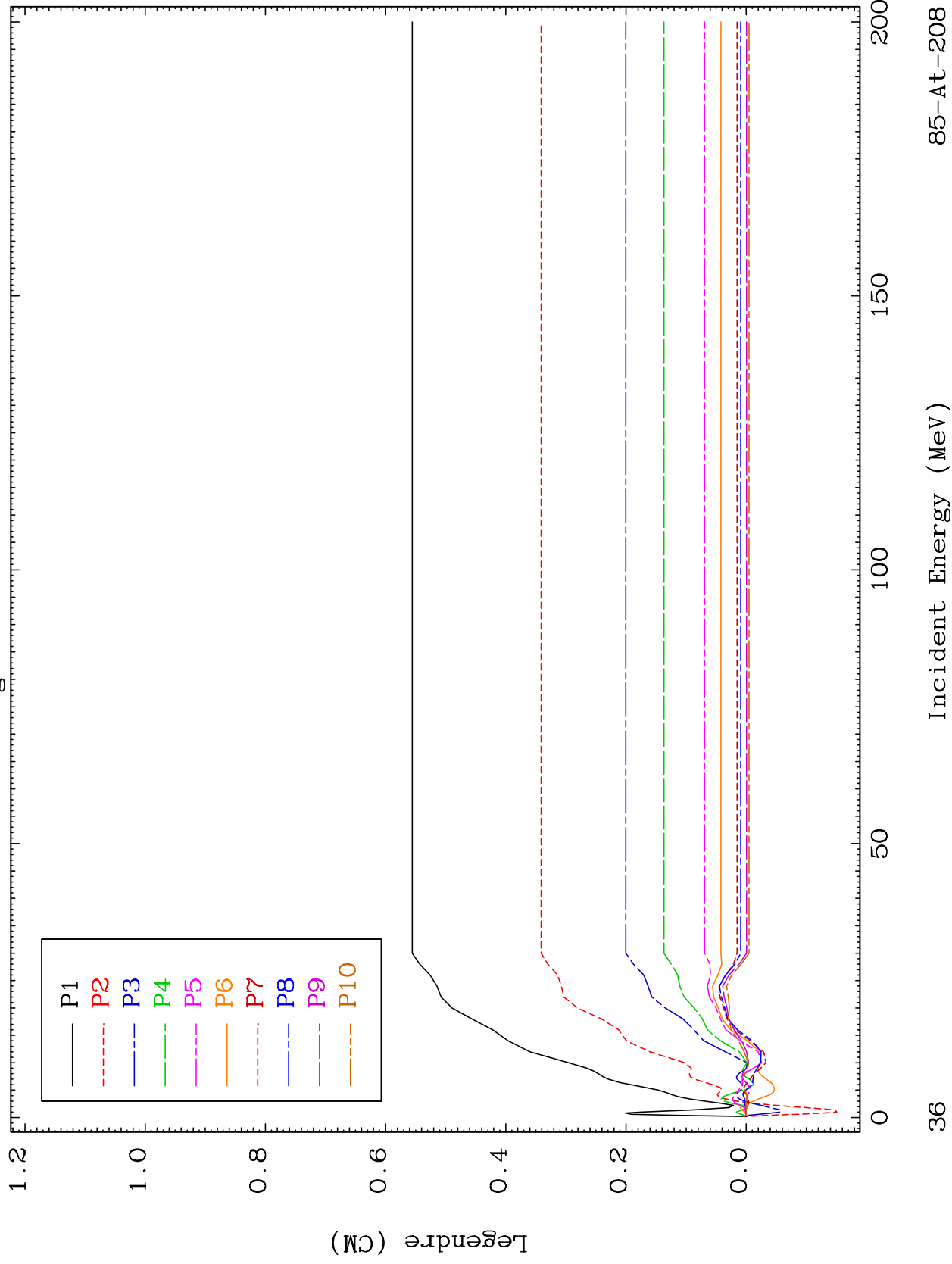




MAT 8540

173.7 keV (n, n') Level
Legendre Coefficients

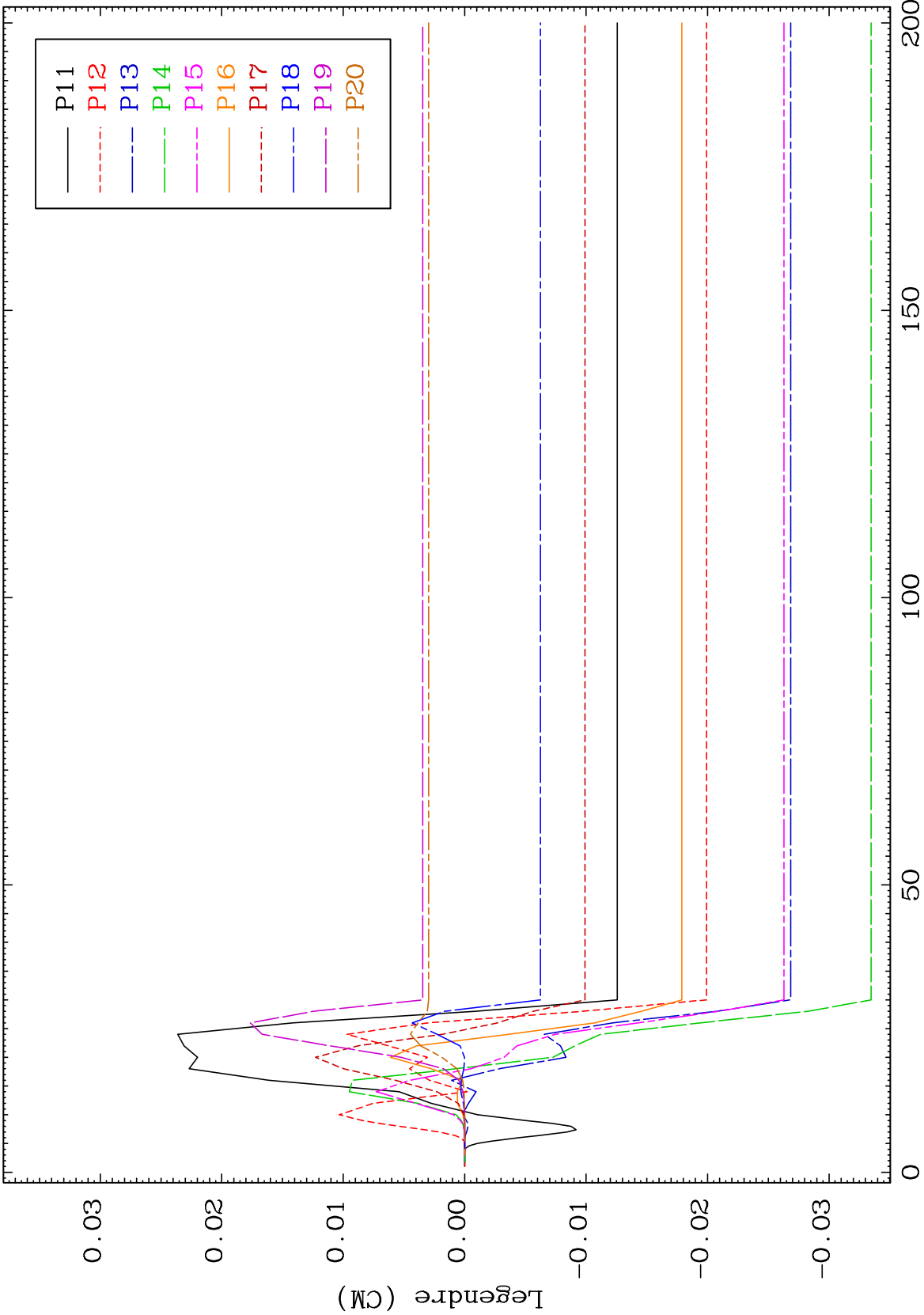
85-At-208



MAT 8540

173.7 keV (n,n') Level Legendre Coefficients

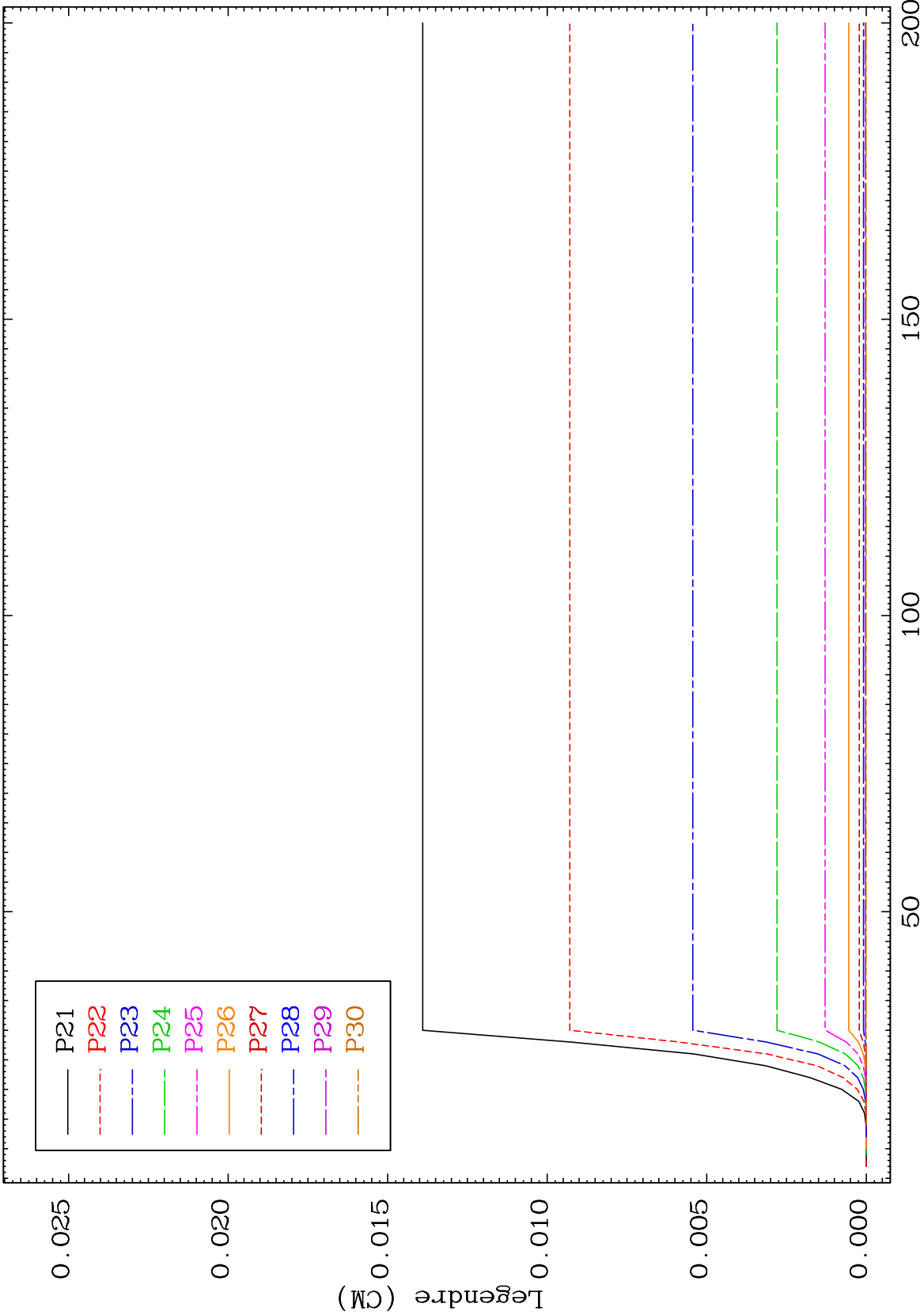
85-At-208

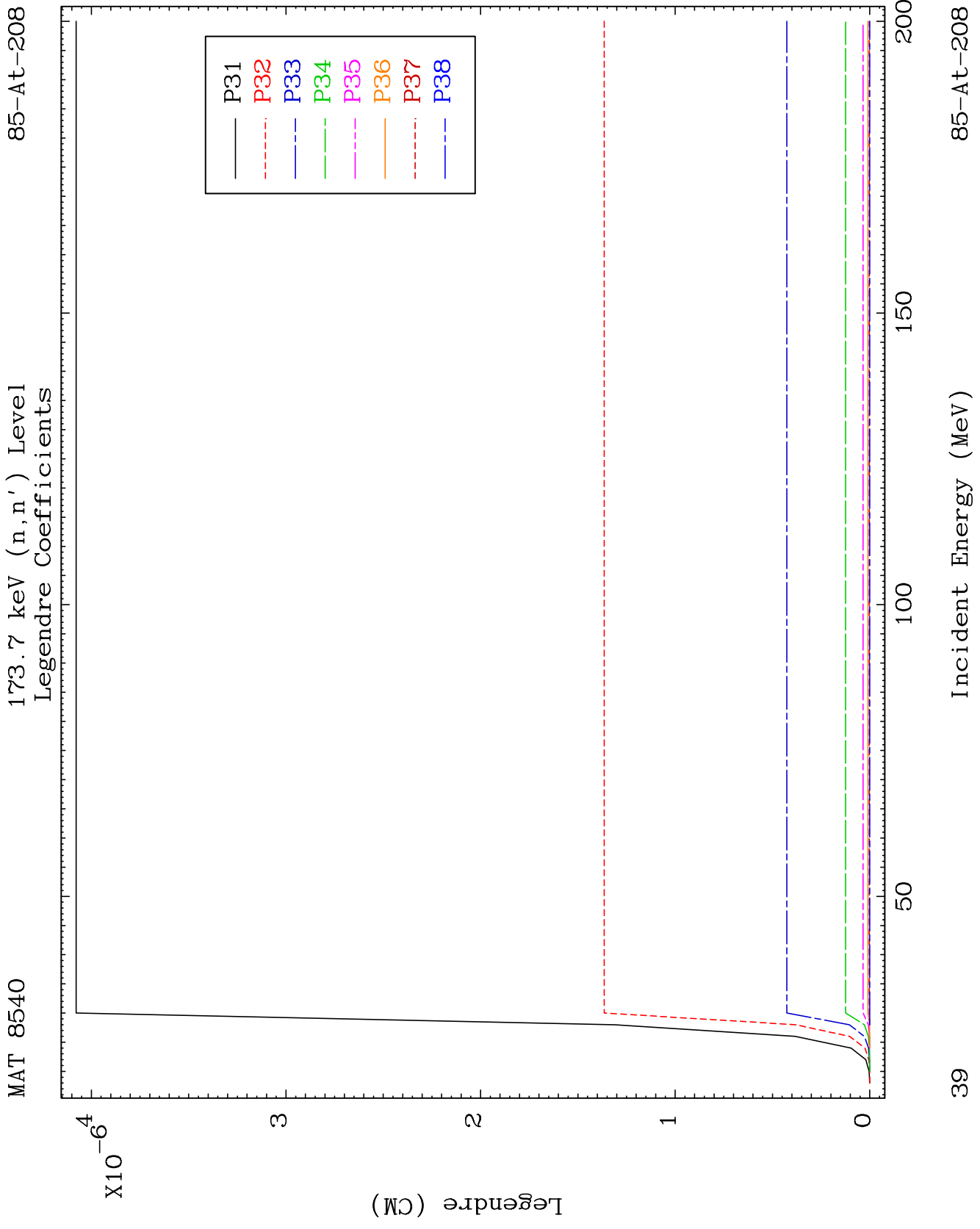


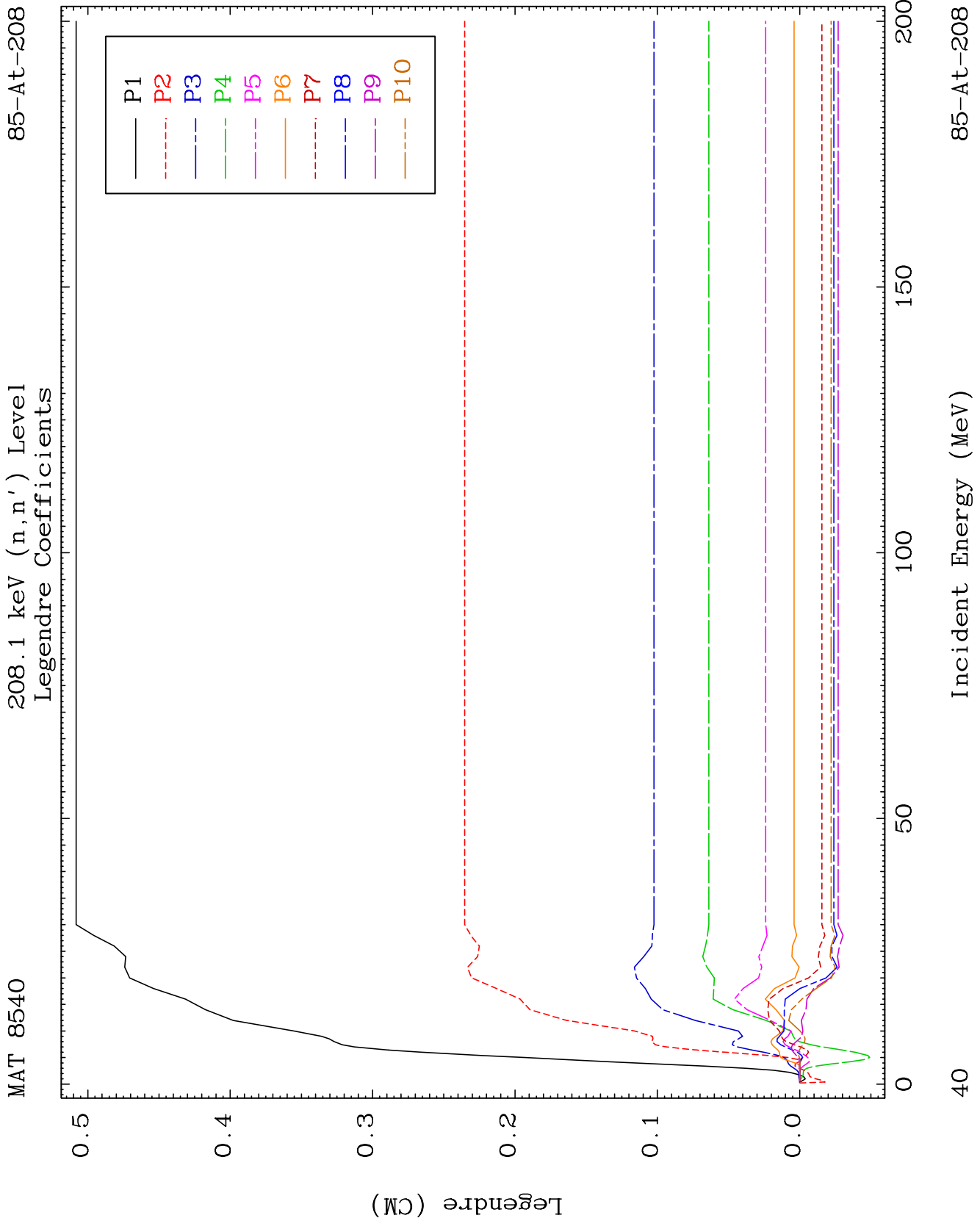
37

Incident Energy (MeV)

85-At-208



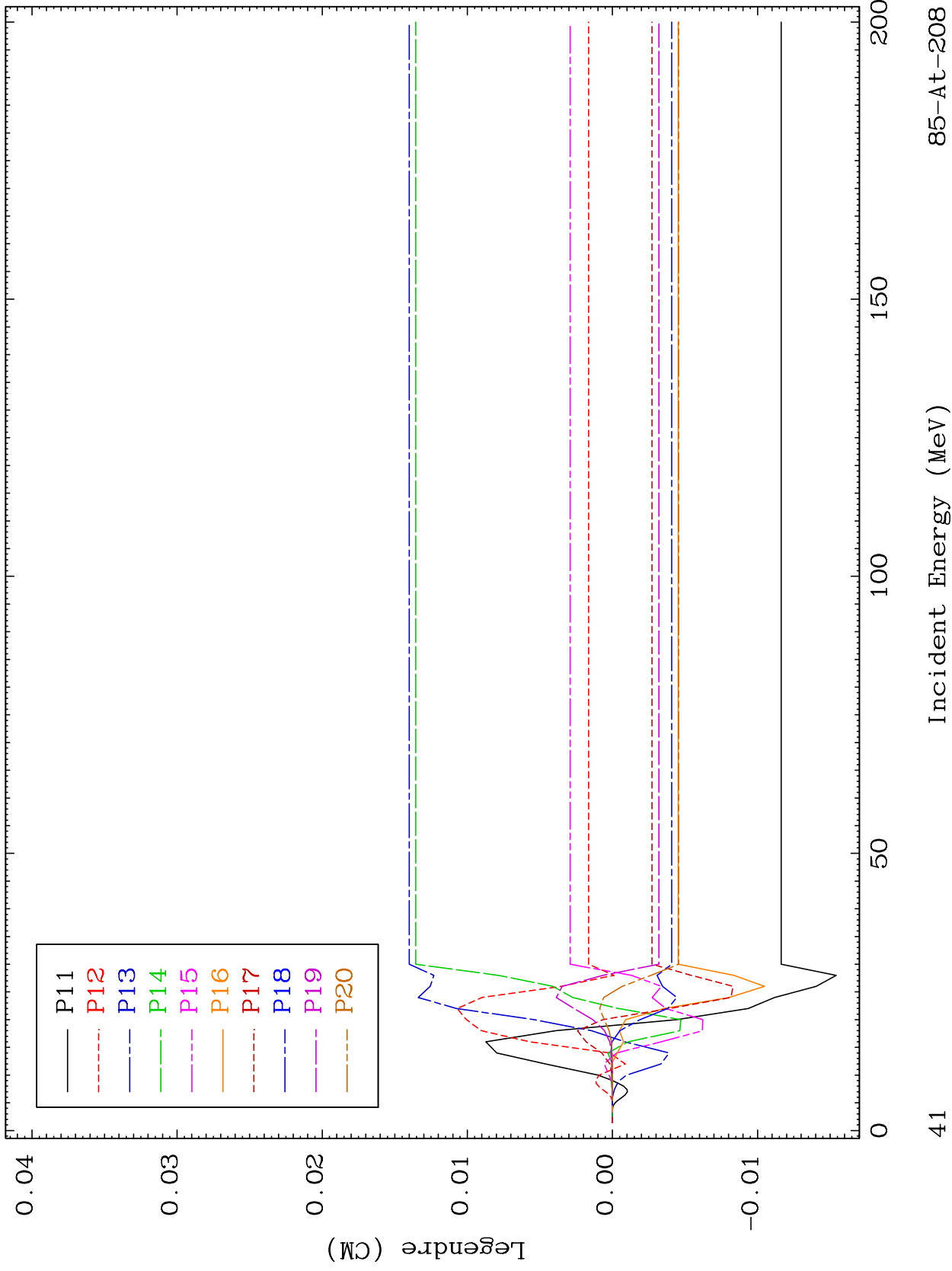




MAT 8540

208.1 keV (n,n') Level
Legendre Coefficients

85-At-208



41

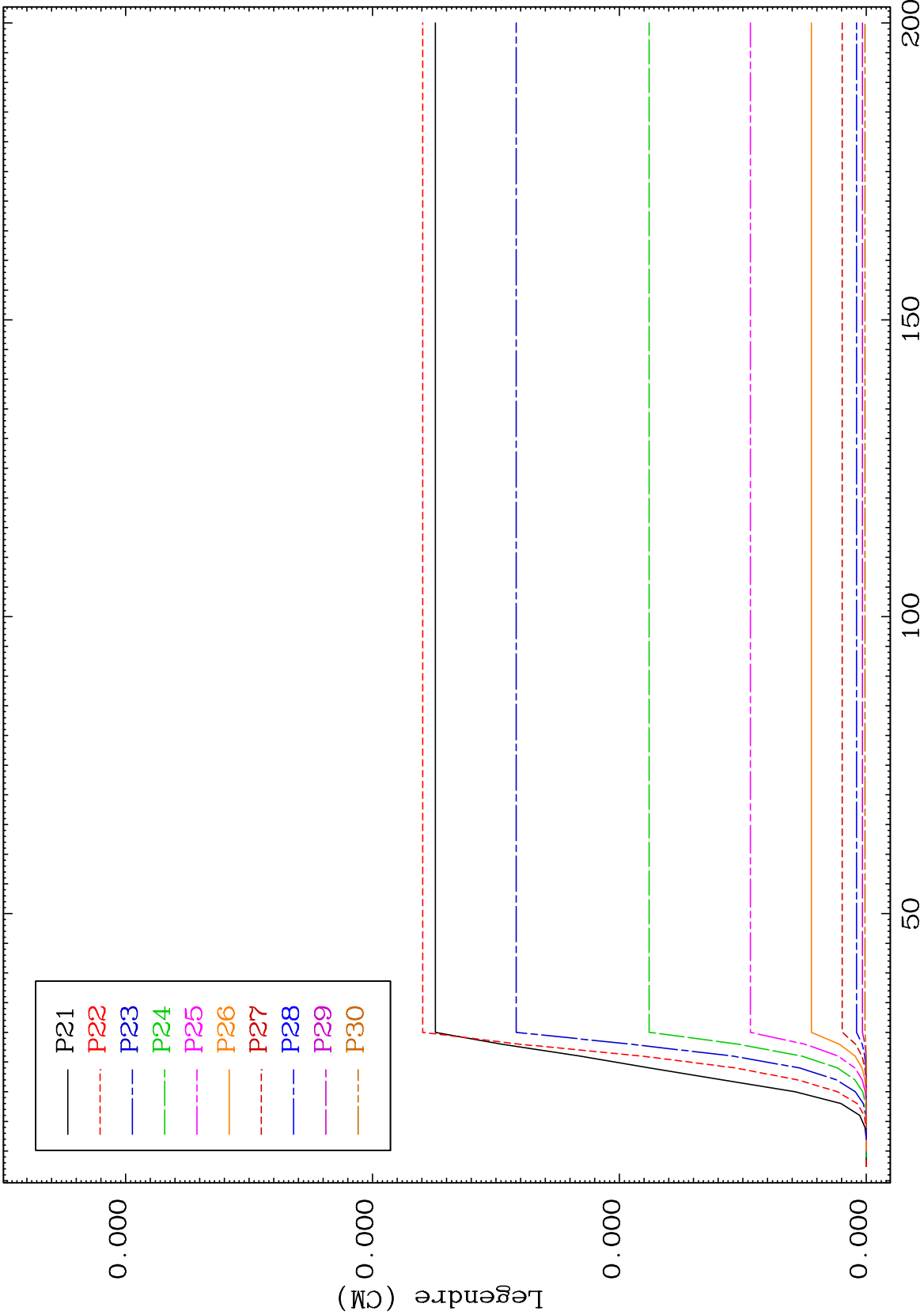
Incident Energy (MeV)

85-At-208

MAT 8540

208.1 keV (n,n') Level
Legendre Coefficients

85-At-208



42

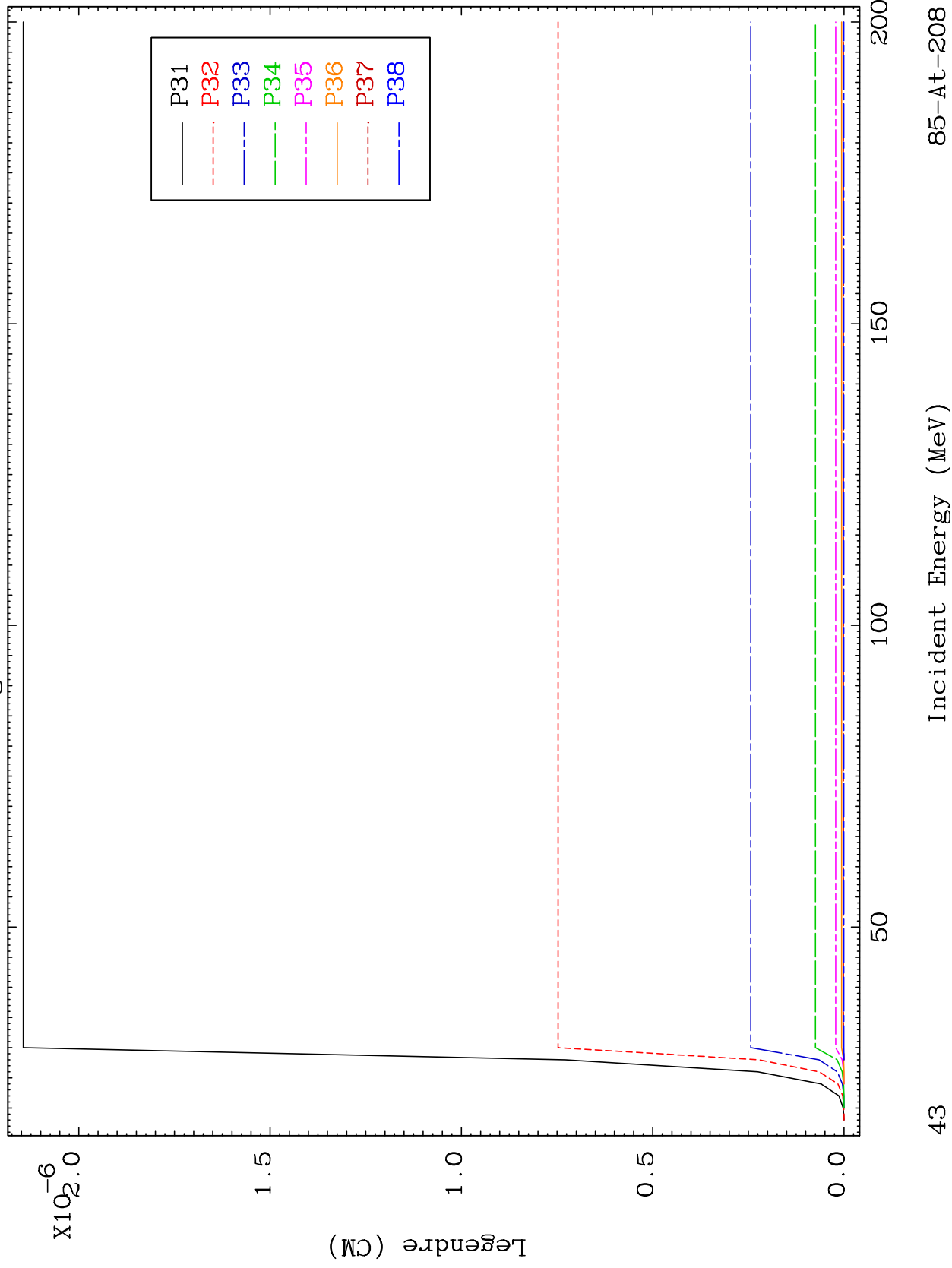
Incident Energy (MeV)

85-At-208

MAT 8540

208.1 keV (n,n') Level
Legendre Coefficients

85-At-208



43

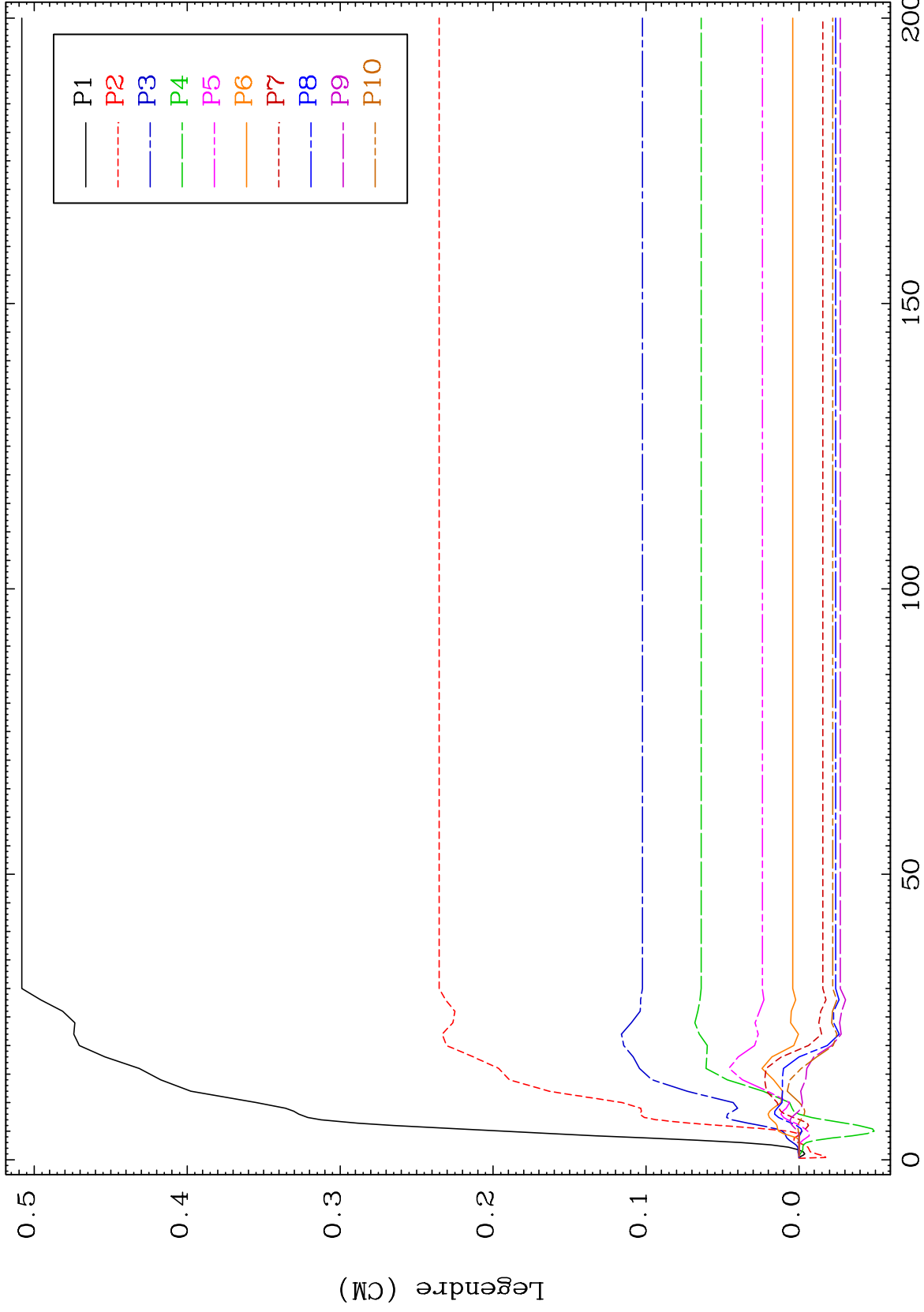
Incident Energy (MeV)

85-At-208

MAT 8540

227.2 keV (n,n') Level
Legendre Coefficients

85-At-208



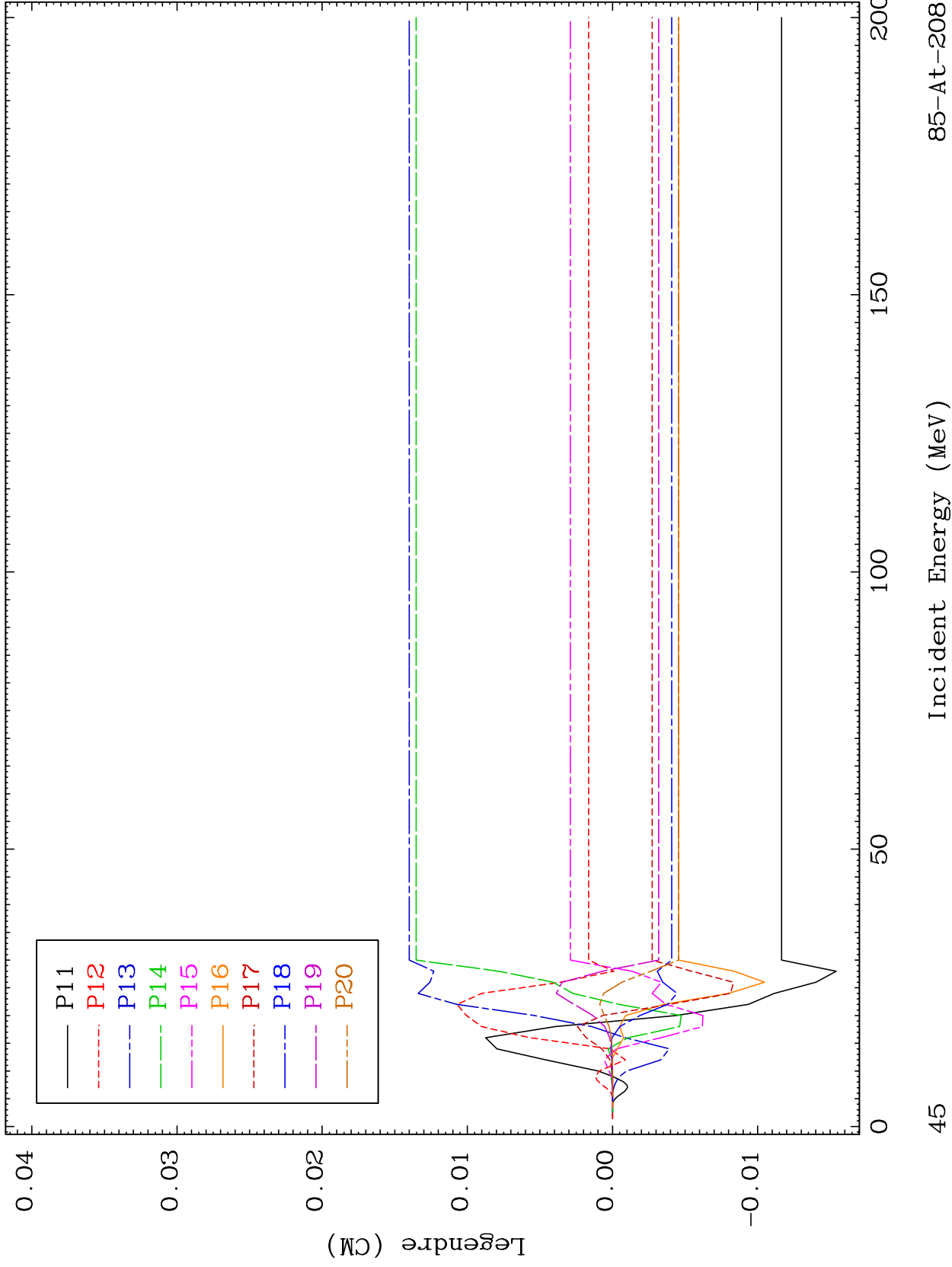
44

85-At-208

MAT 8540

227.2 keV (n,n') Level
Legendre Coefficients

85-At-208



85-At-208

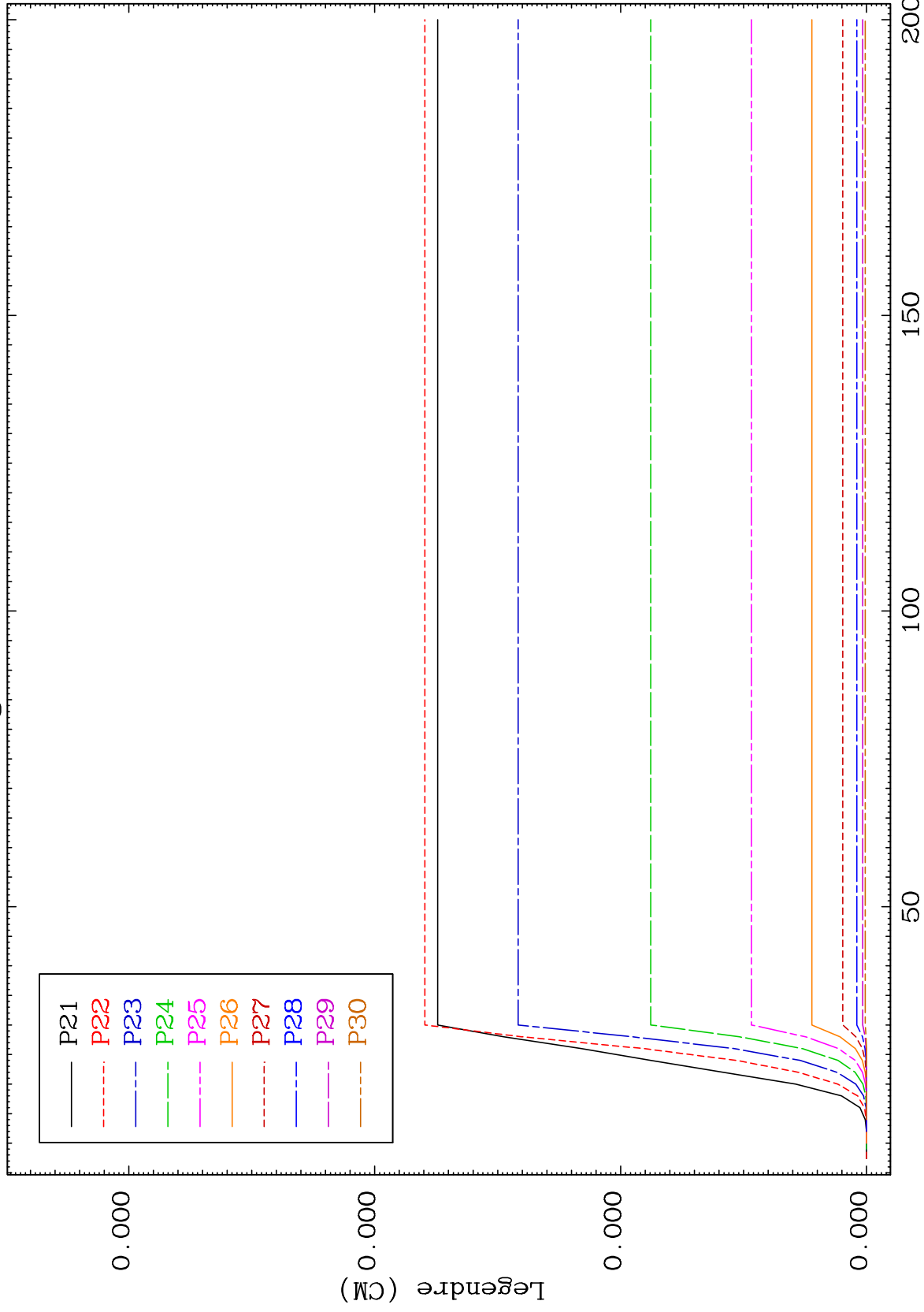
Incident Energy (MeV)

45

MAT 8540

227.2 keV (n,n') Level
Legendre Coefficients

85-At-208



46

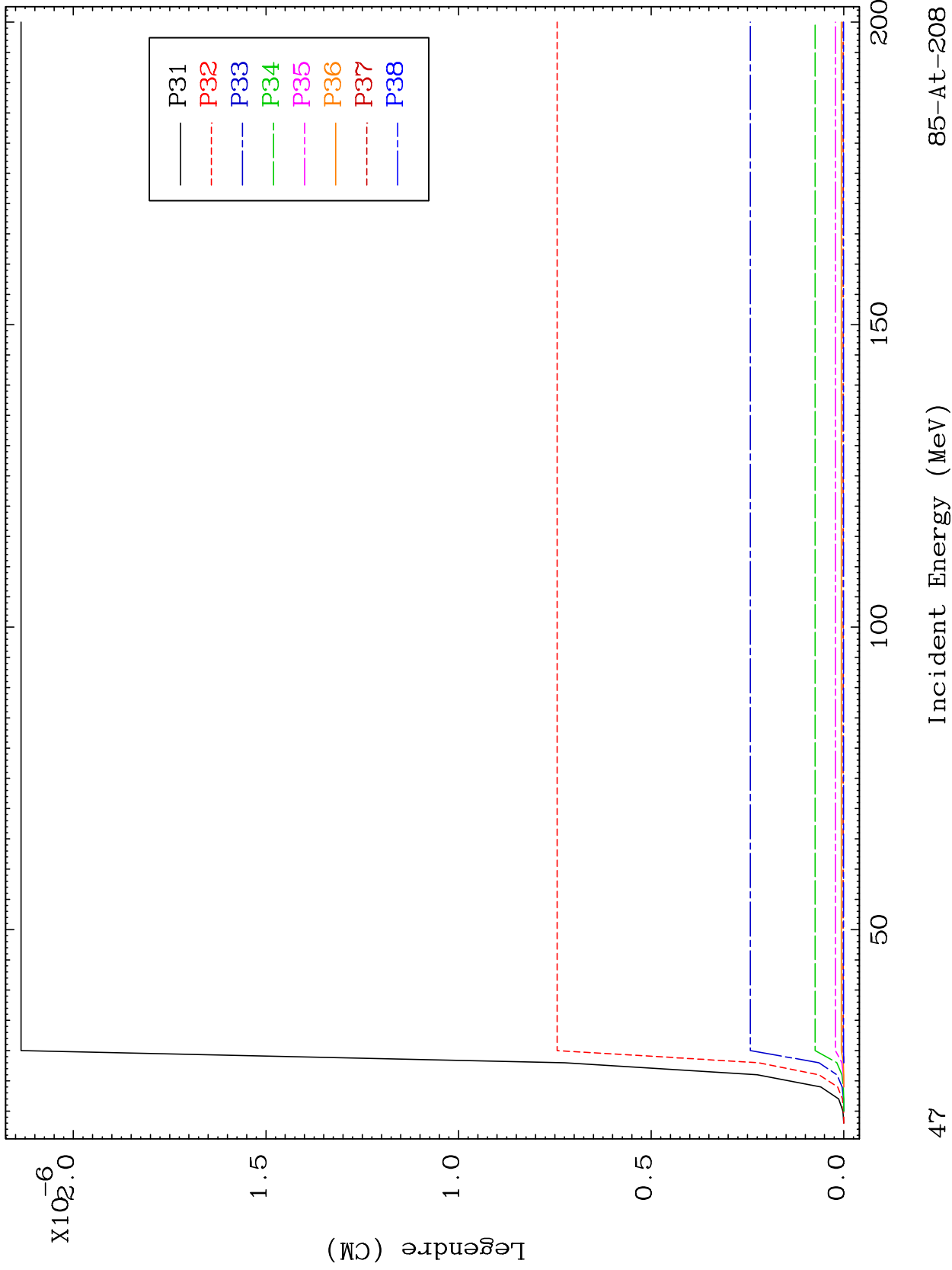
Incident Energy (MeV)

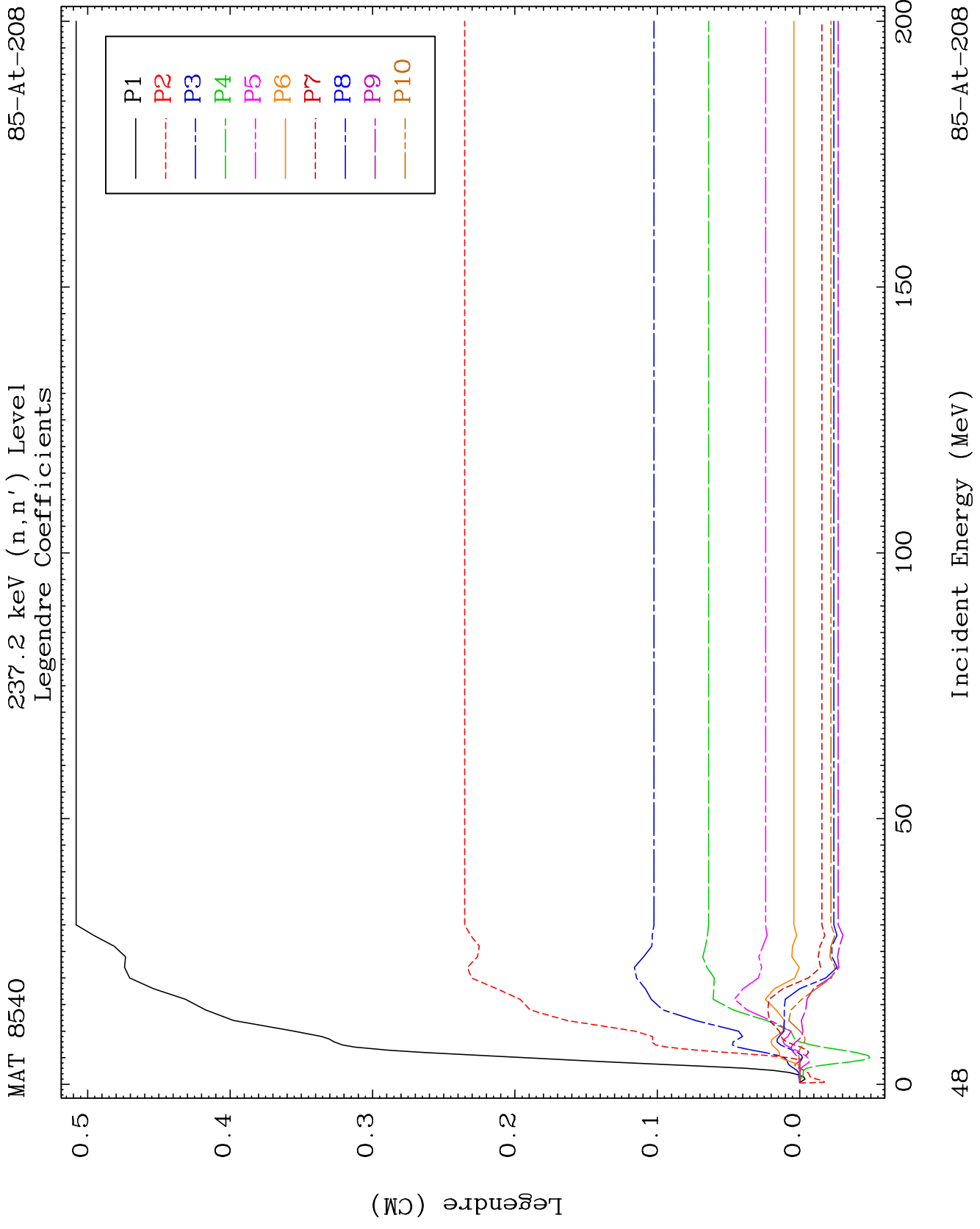
85-At-208

MAT 8540

227.2 keV (n,n') Level
Legendre Coefficients

85-At-208

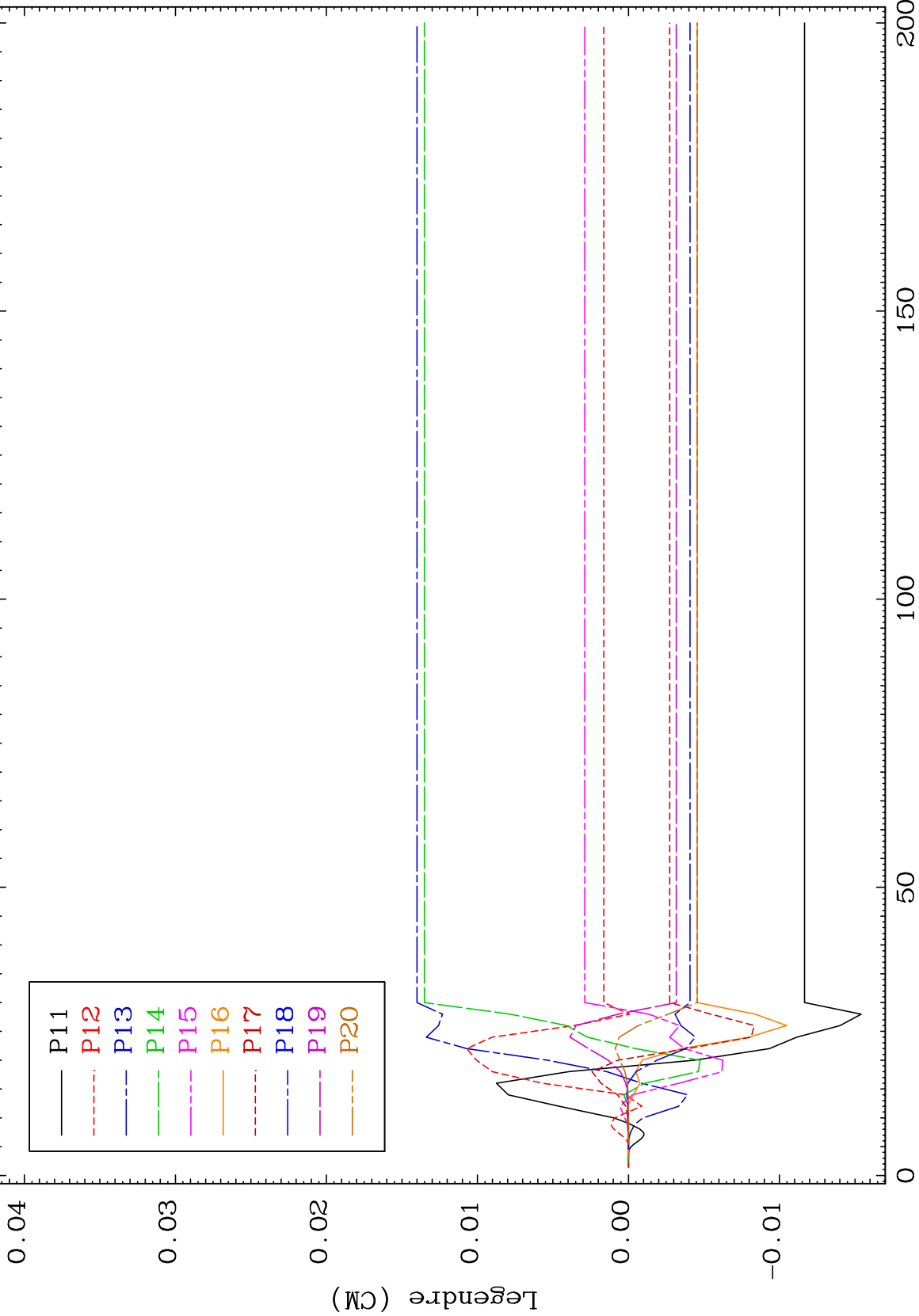




MAT 8540

237.2 keV (n,n') Level
Legendre Coefficients

85-At-208



49

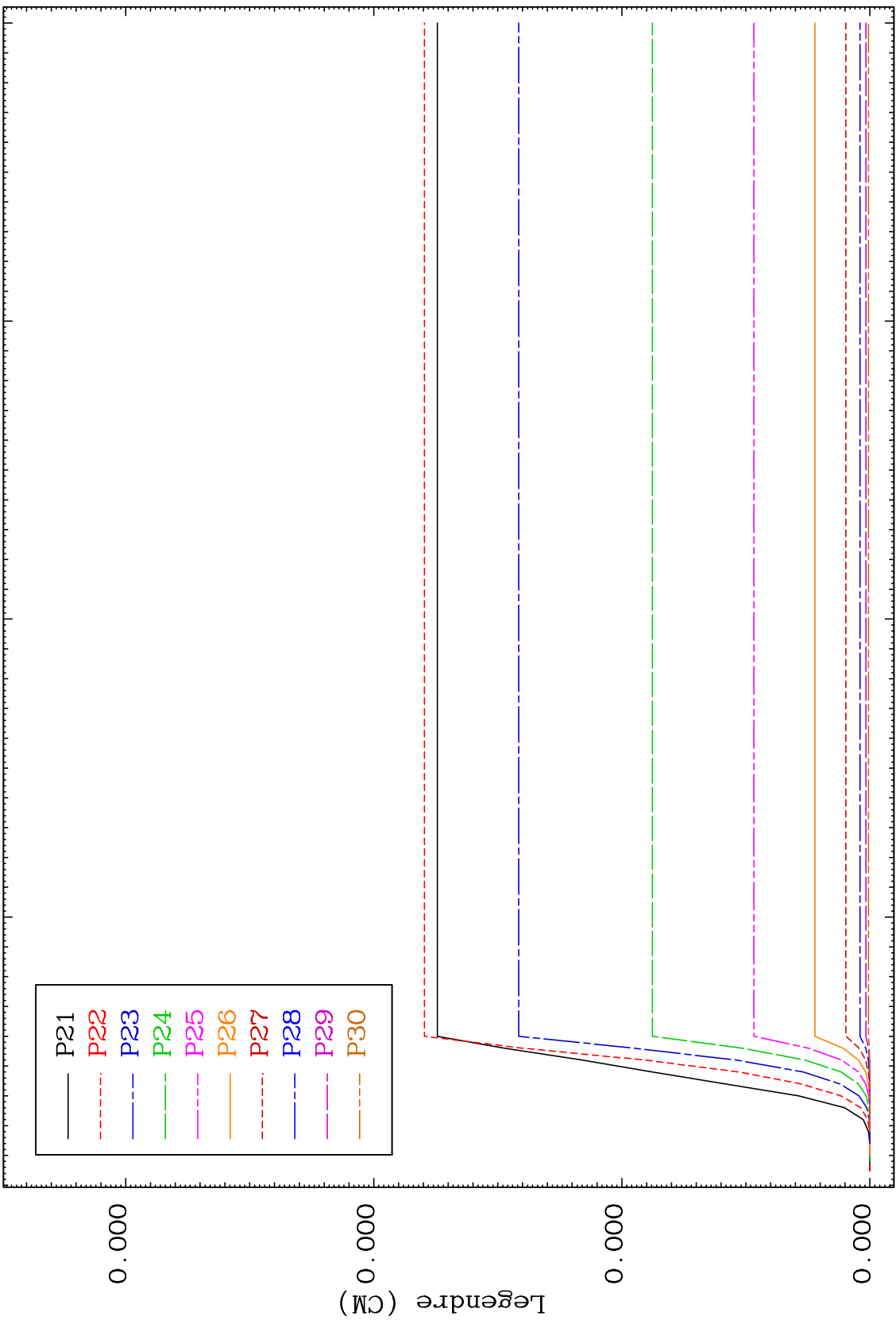
Incident Energy (MeV)

85-At-208

MAT 8540

237.2 keV (n,n') Level
Legendre Coefficients

85-At-208



200

150

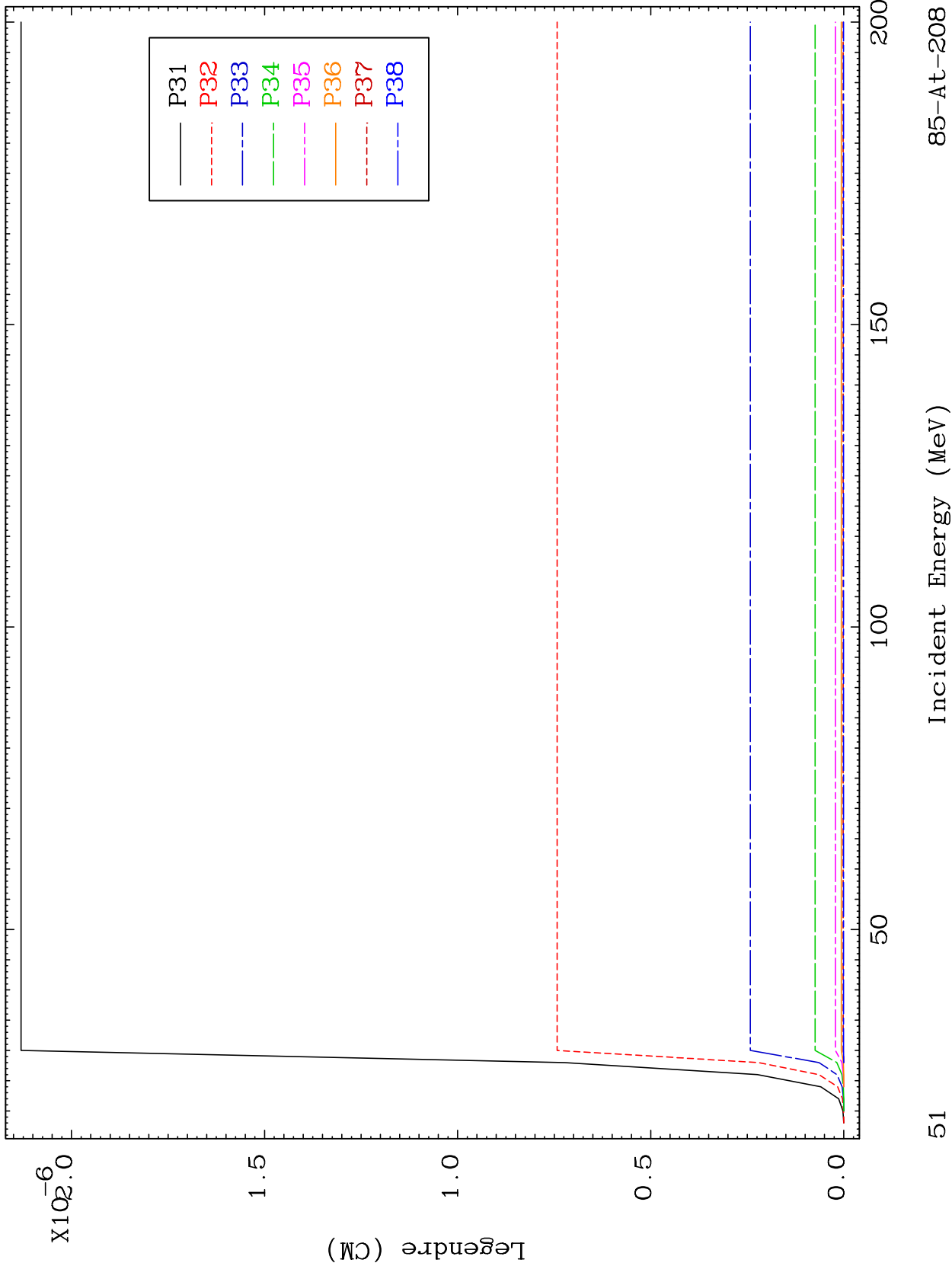
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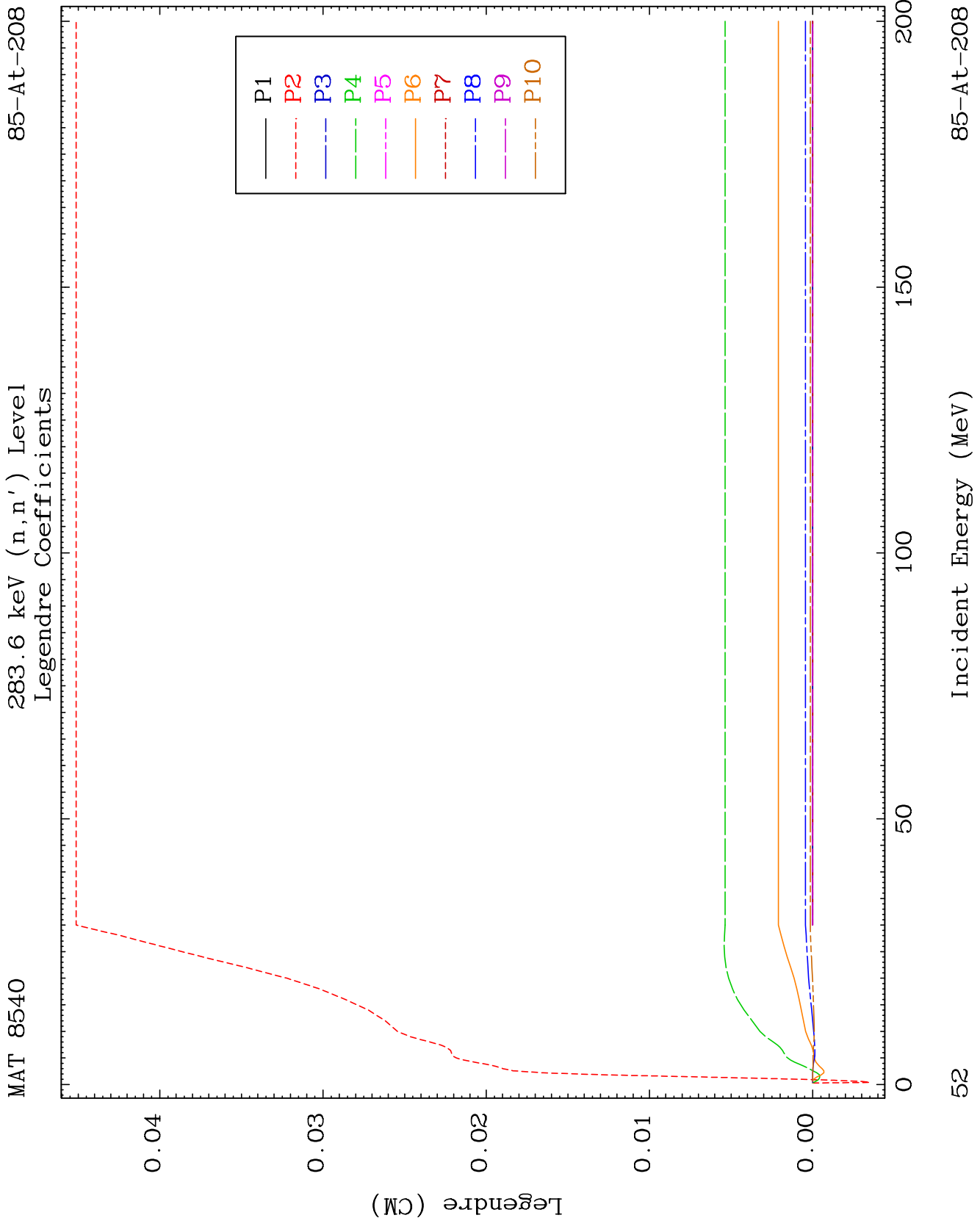
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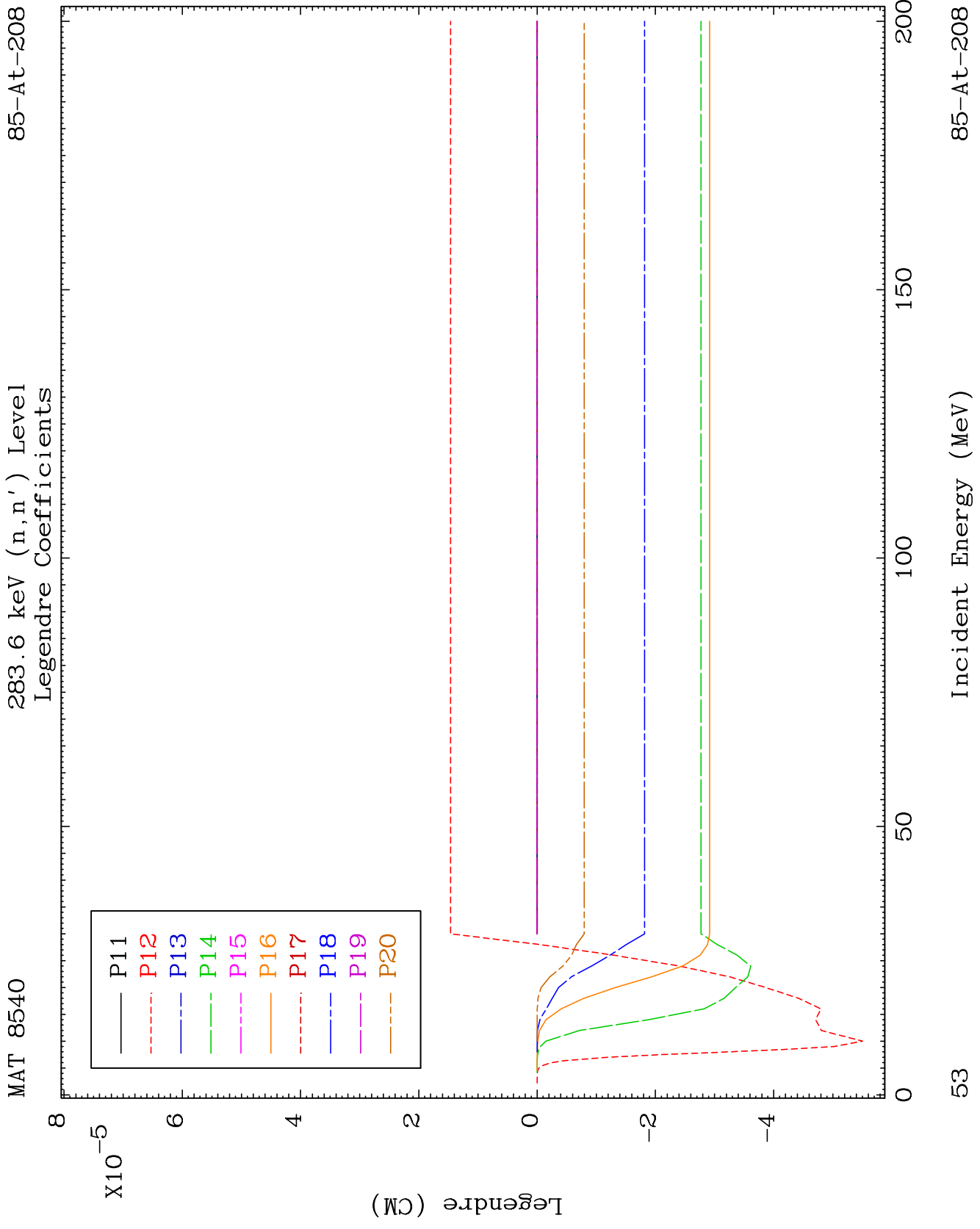
Incident Energy (MeV)

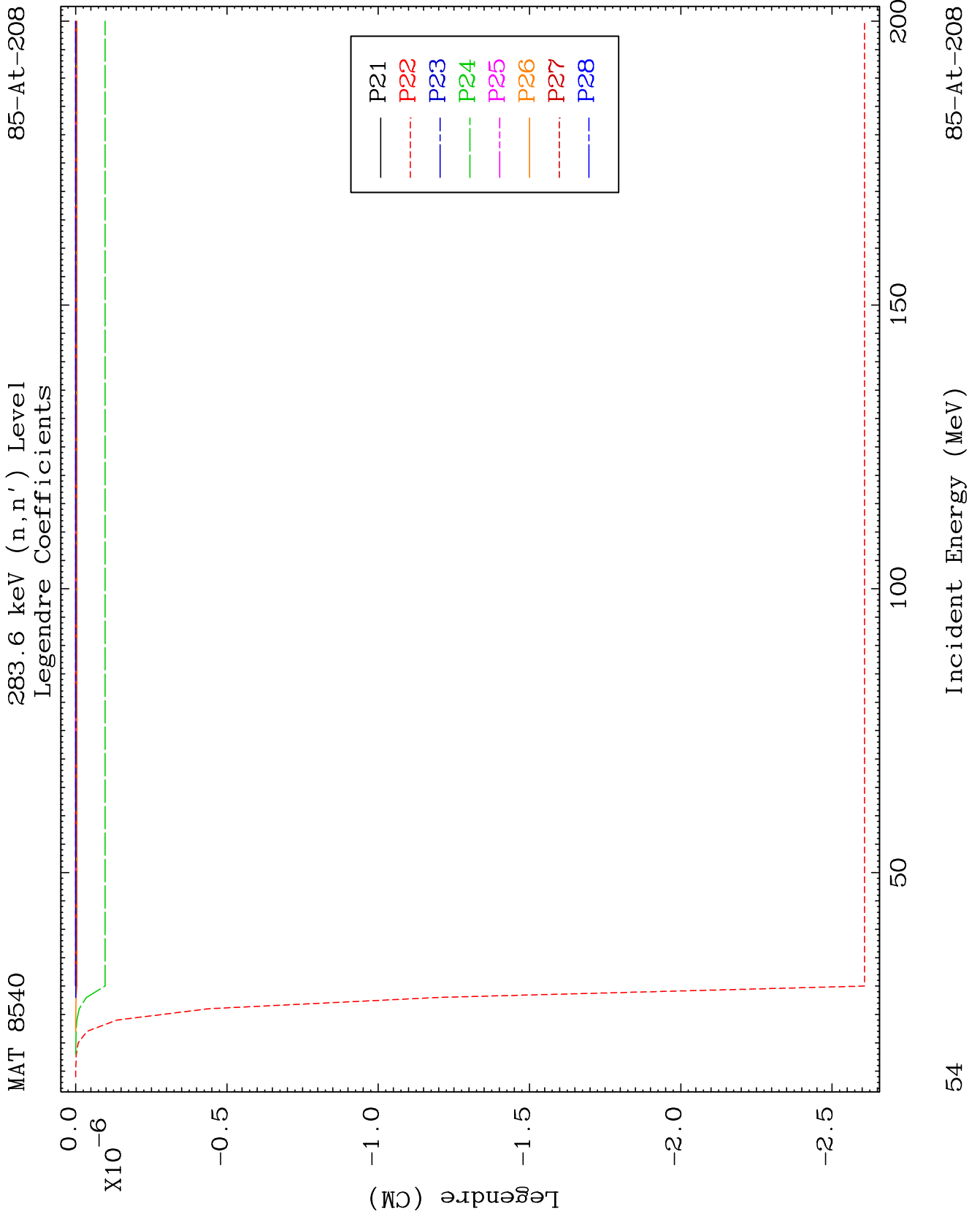
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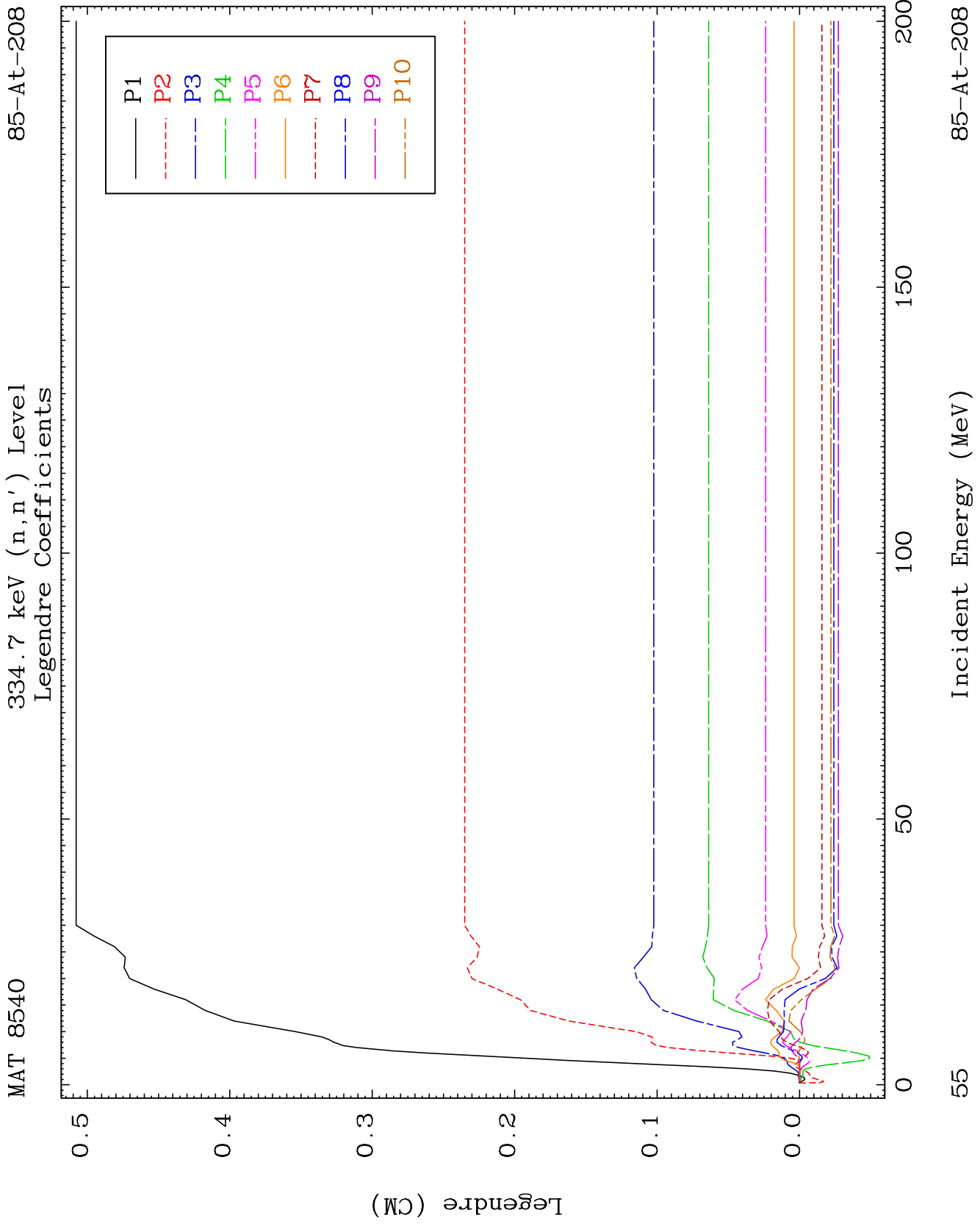
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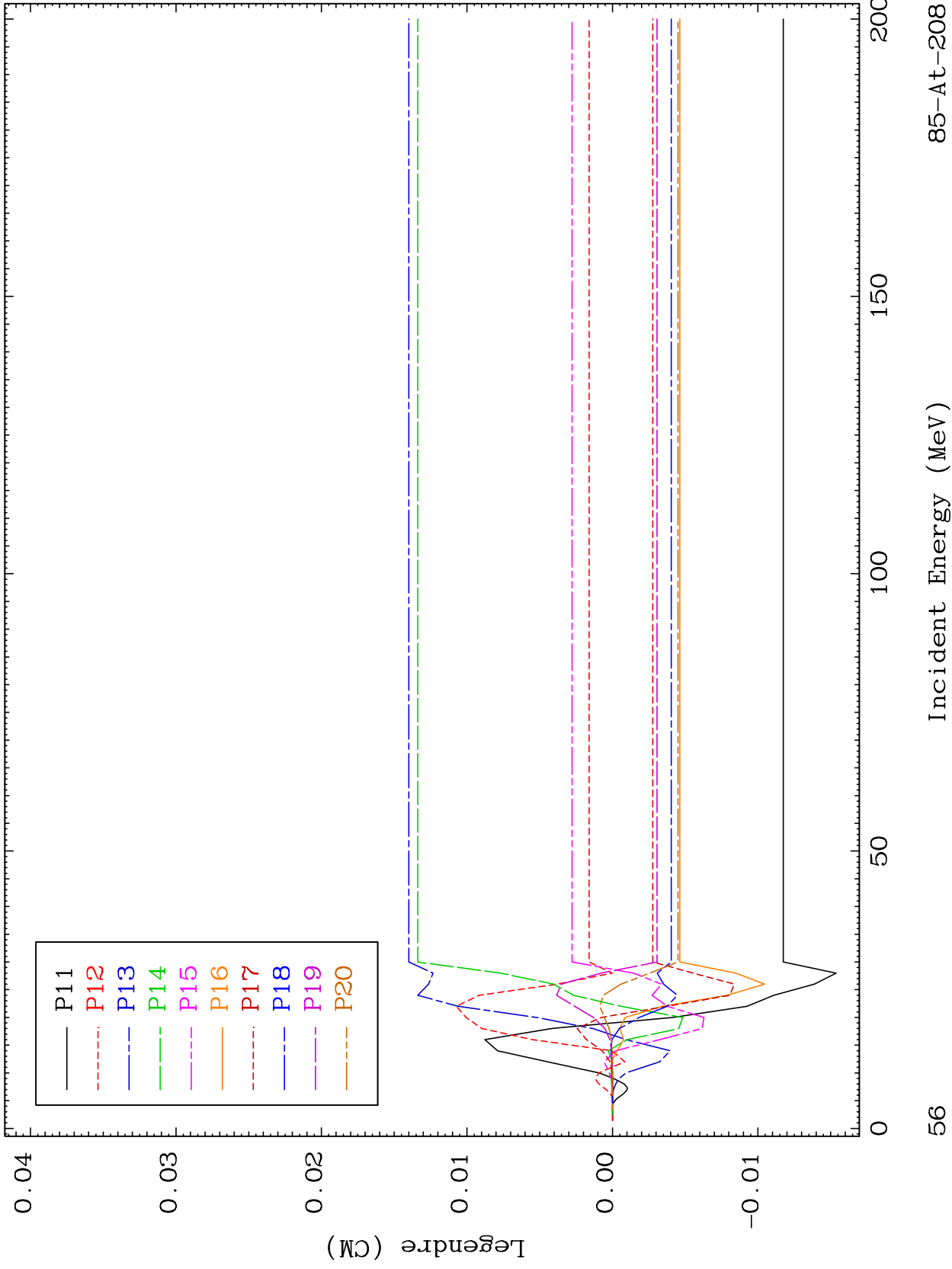




MAT 8540

334.7 keV (n,n') Level
Legendre Coefficients

85-At-208



85-At-208

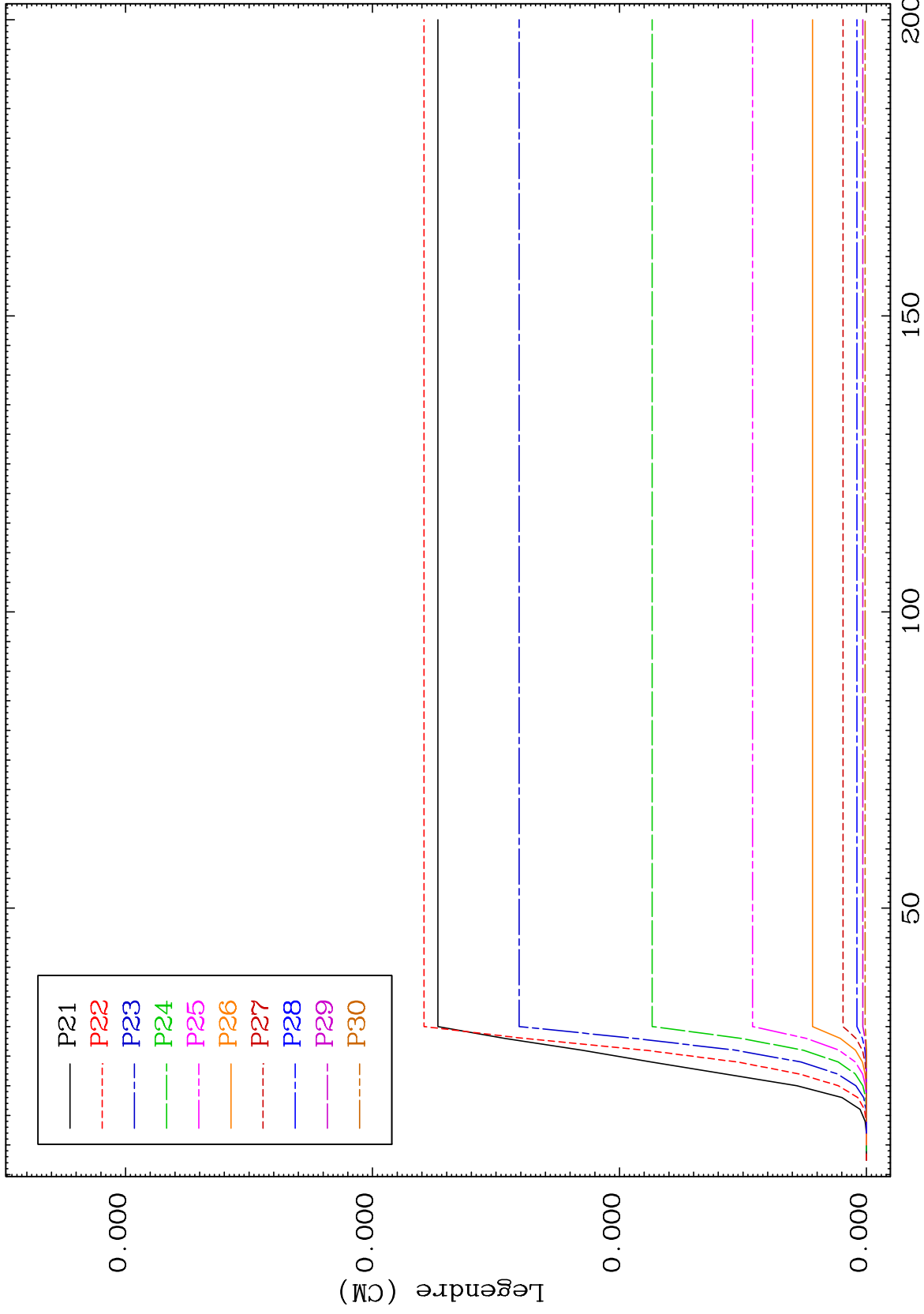
Incident Energy (MeV)

56

MAT 8540

334.7 keV (n,n') Level
Legendre Coefficients

85-At-208



57

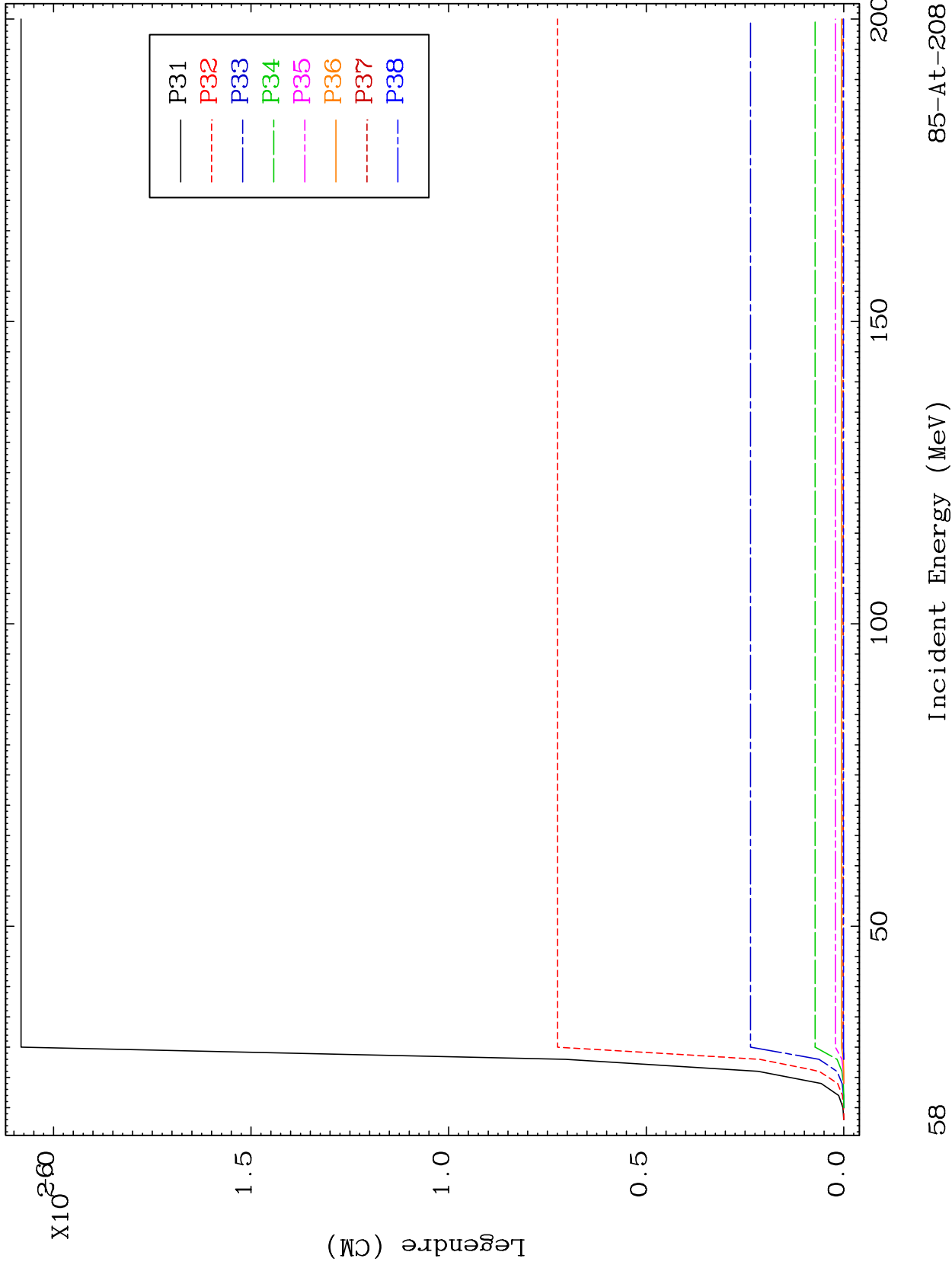
Incident Energy (MeV)

85-At-208

MAT 8540

334.7 keV (n,n') Level
Legendre Coefficients

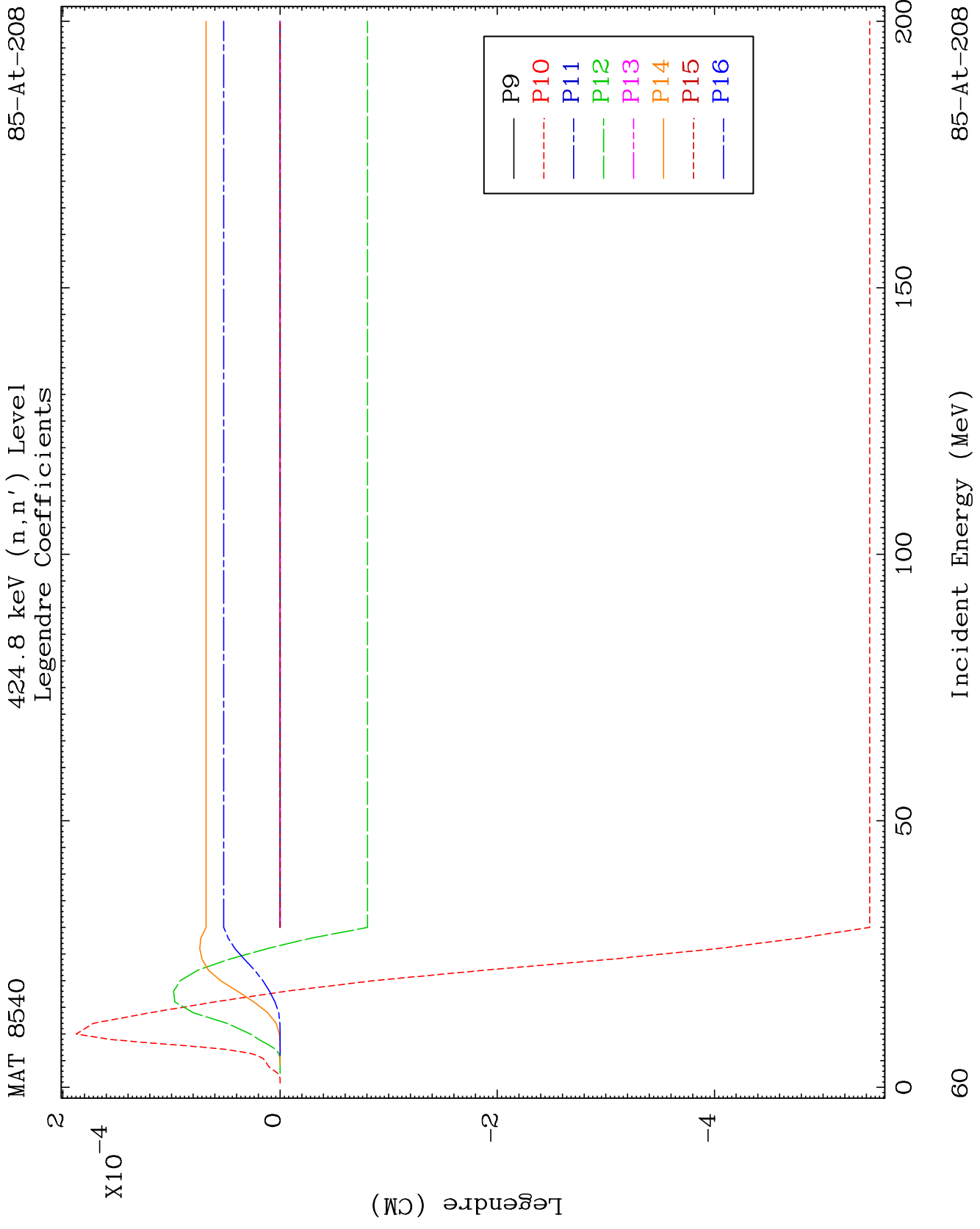
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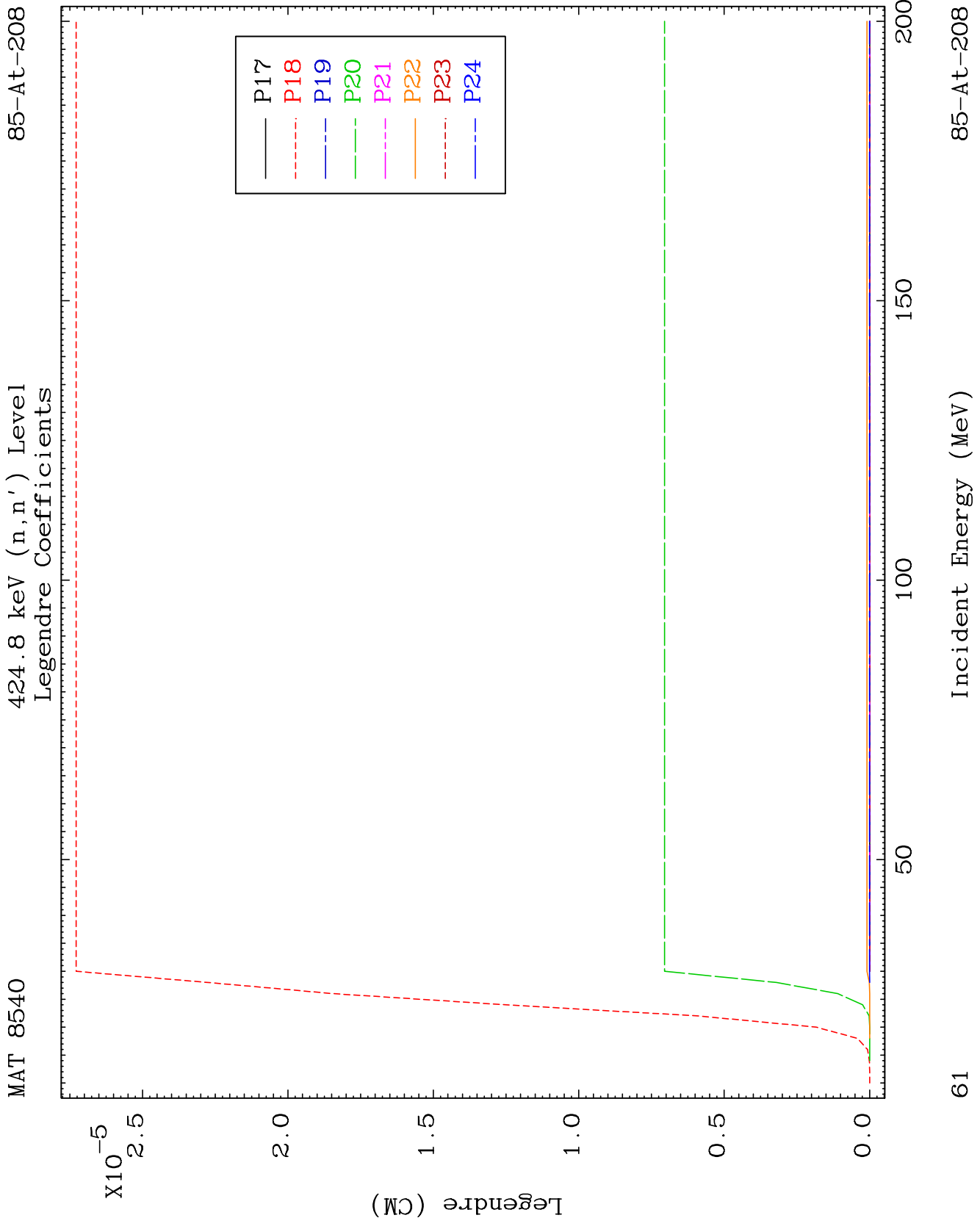


58

Incident Energy (MeV)

85-At-208

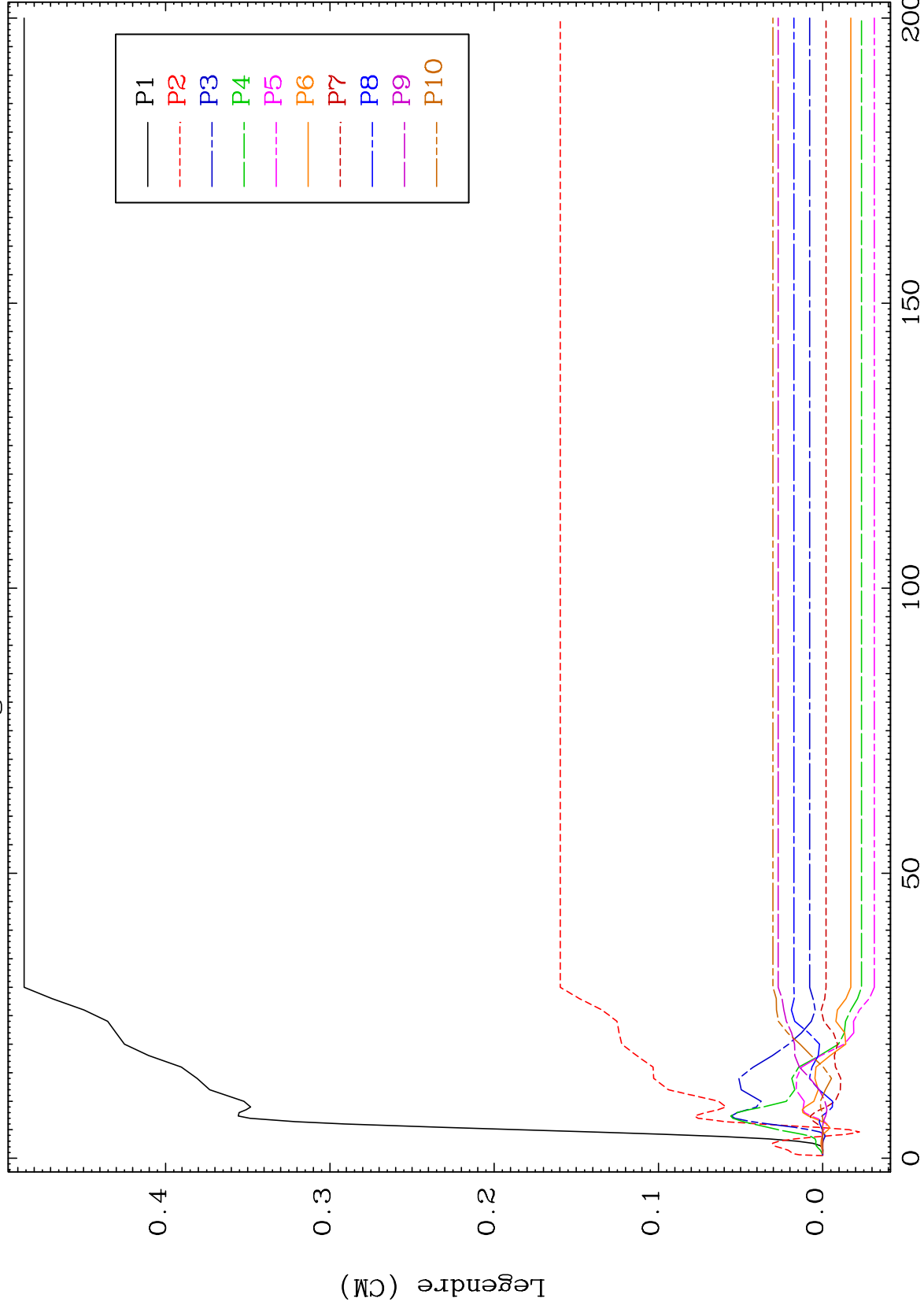




MAT 8540

429.5 keV (n,n') Level
Legendre Coefficients

85-At-208



85-At-208

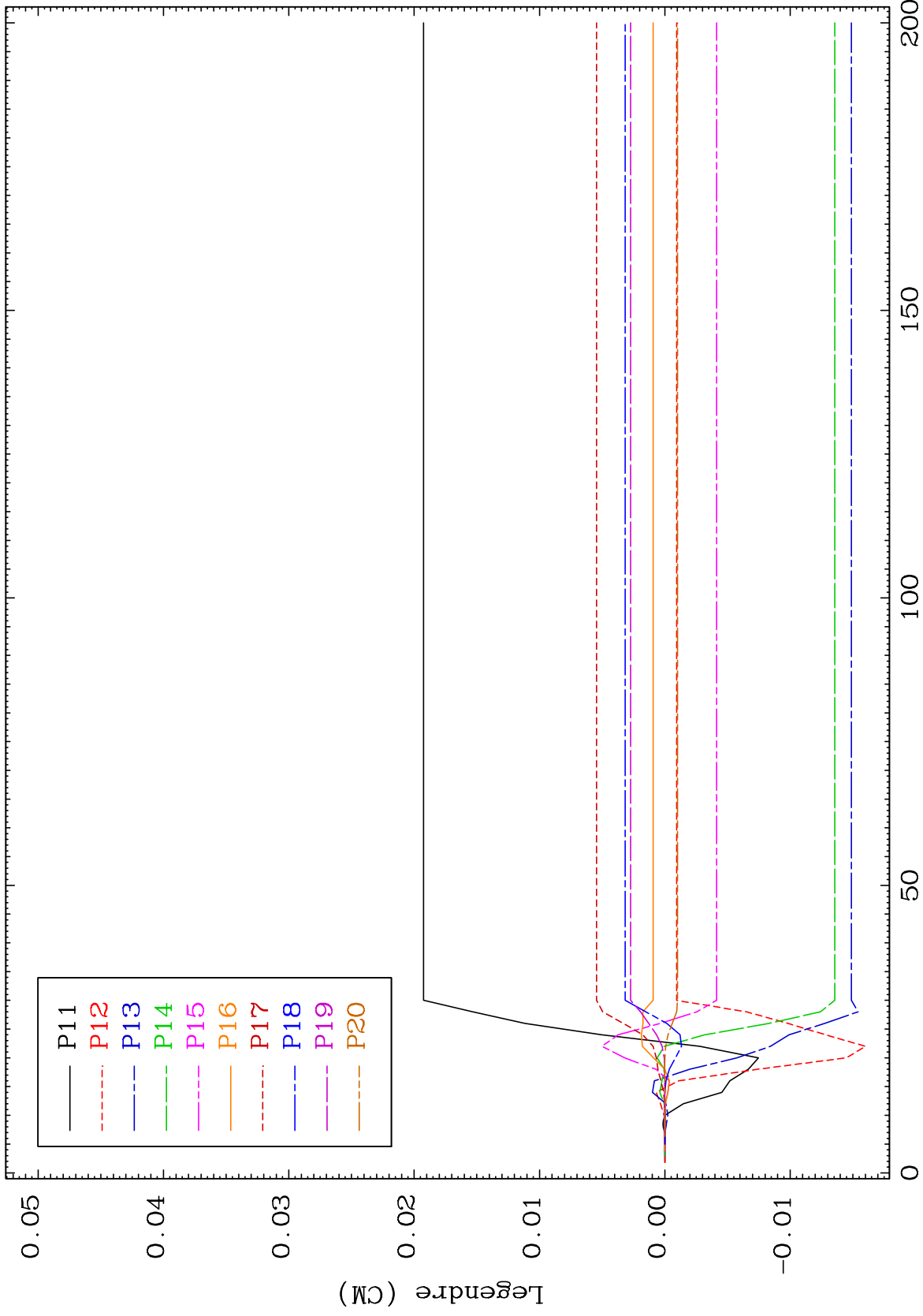
Incident Energy (MeV)

62

MAT 8540

429.5 keV (n,n') Level
Legendre Coefficients

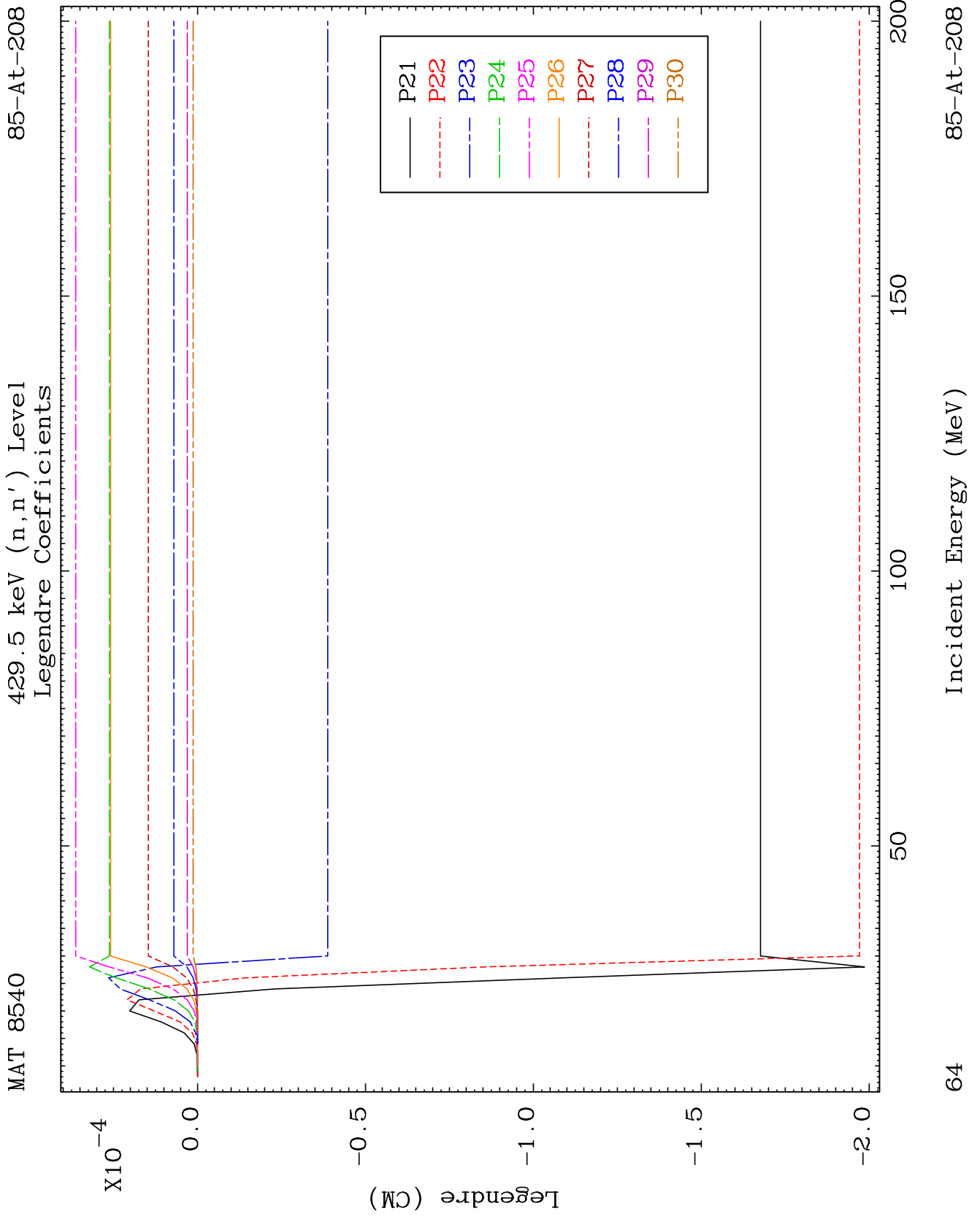
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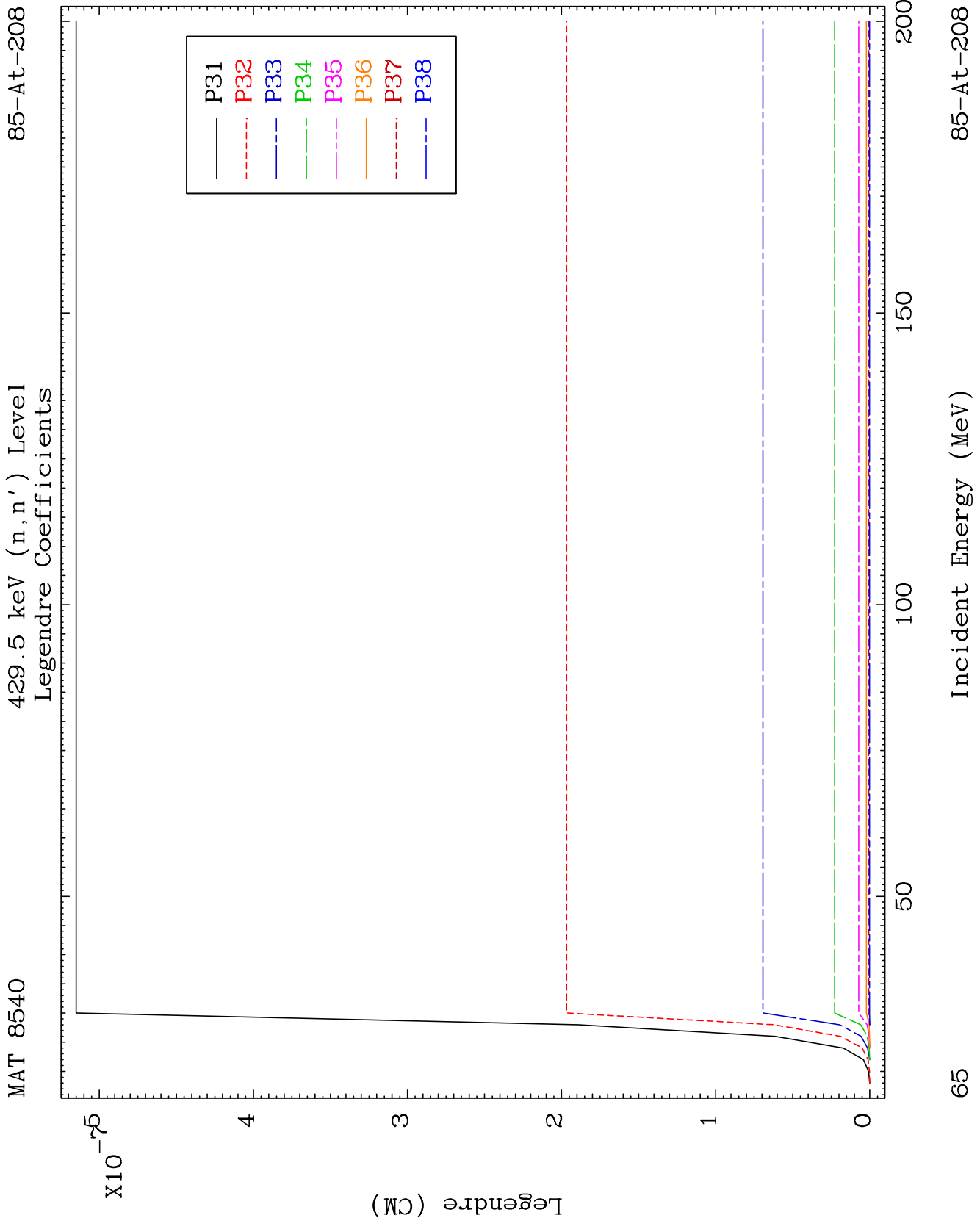


63

Incident Energy (MeV)

85-At-208

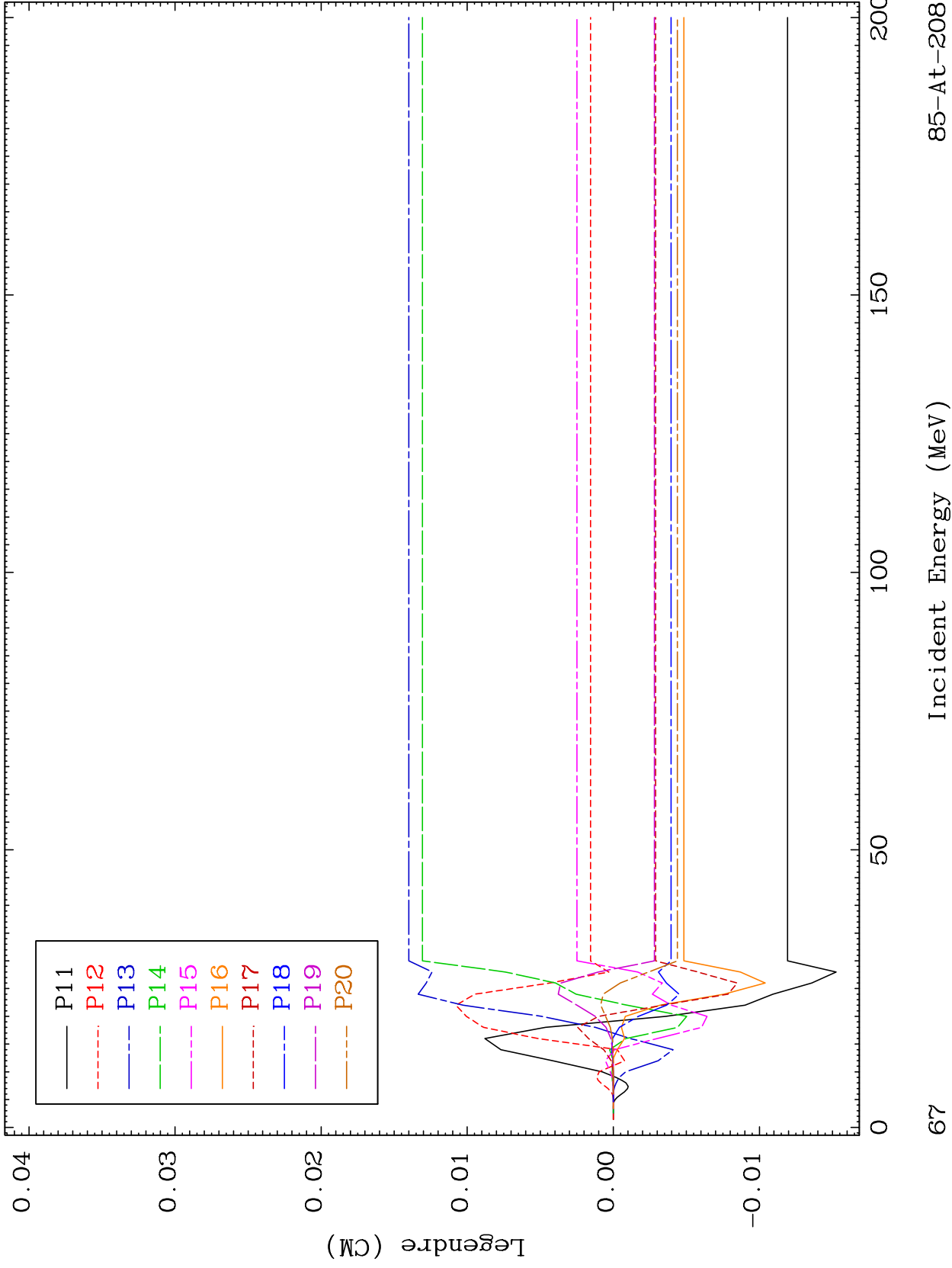




MAT 8540

588.4 keV (n,n') Level
Legendre Coefficients

85-At-208



67

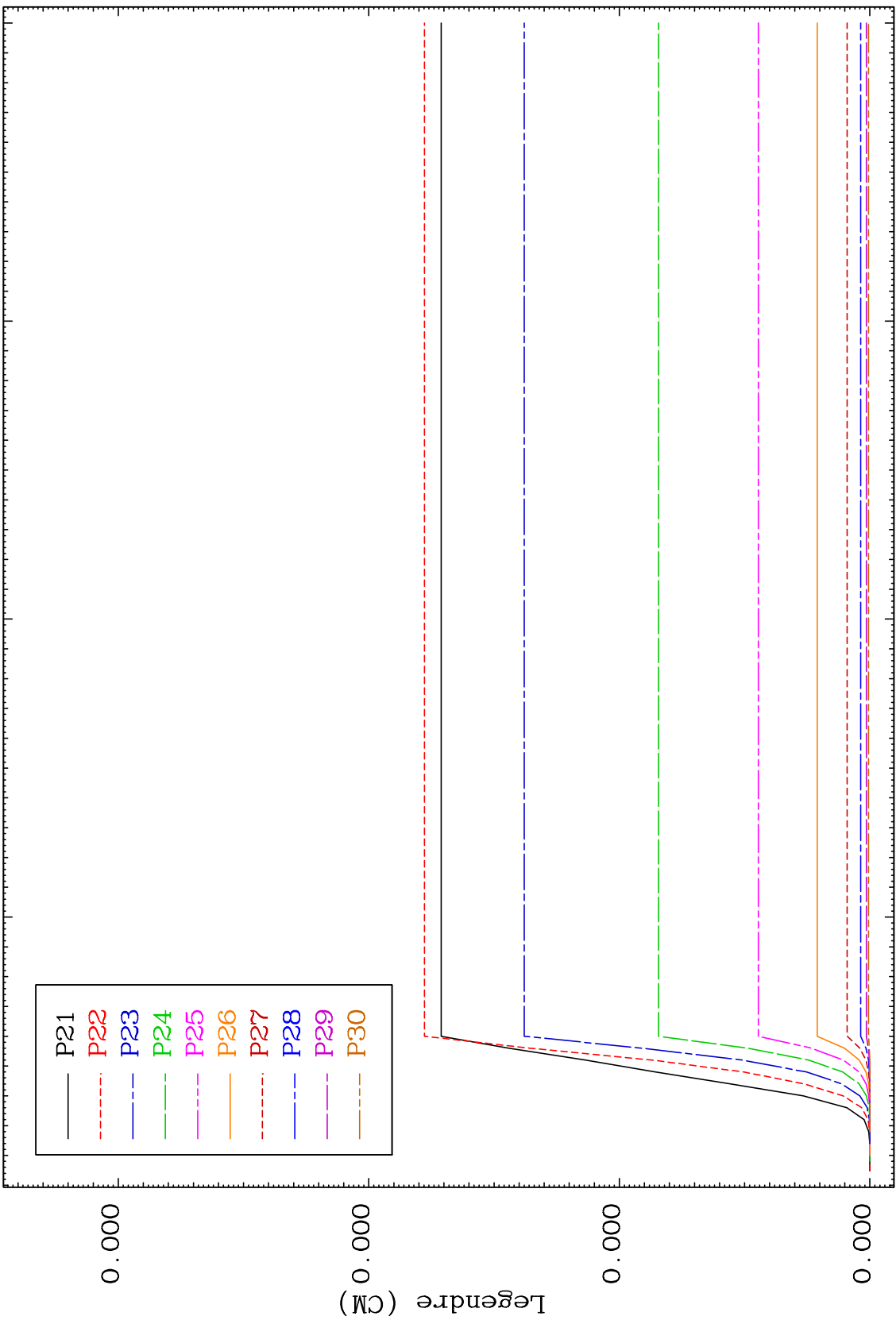
Incident Energy (MeV)

85-At-208

MAT 8540

588.4 keV (n,n') Level
Legendre Coefficients

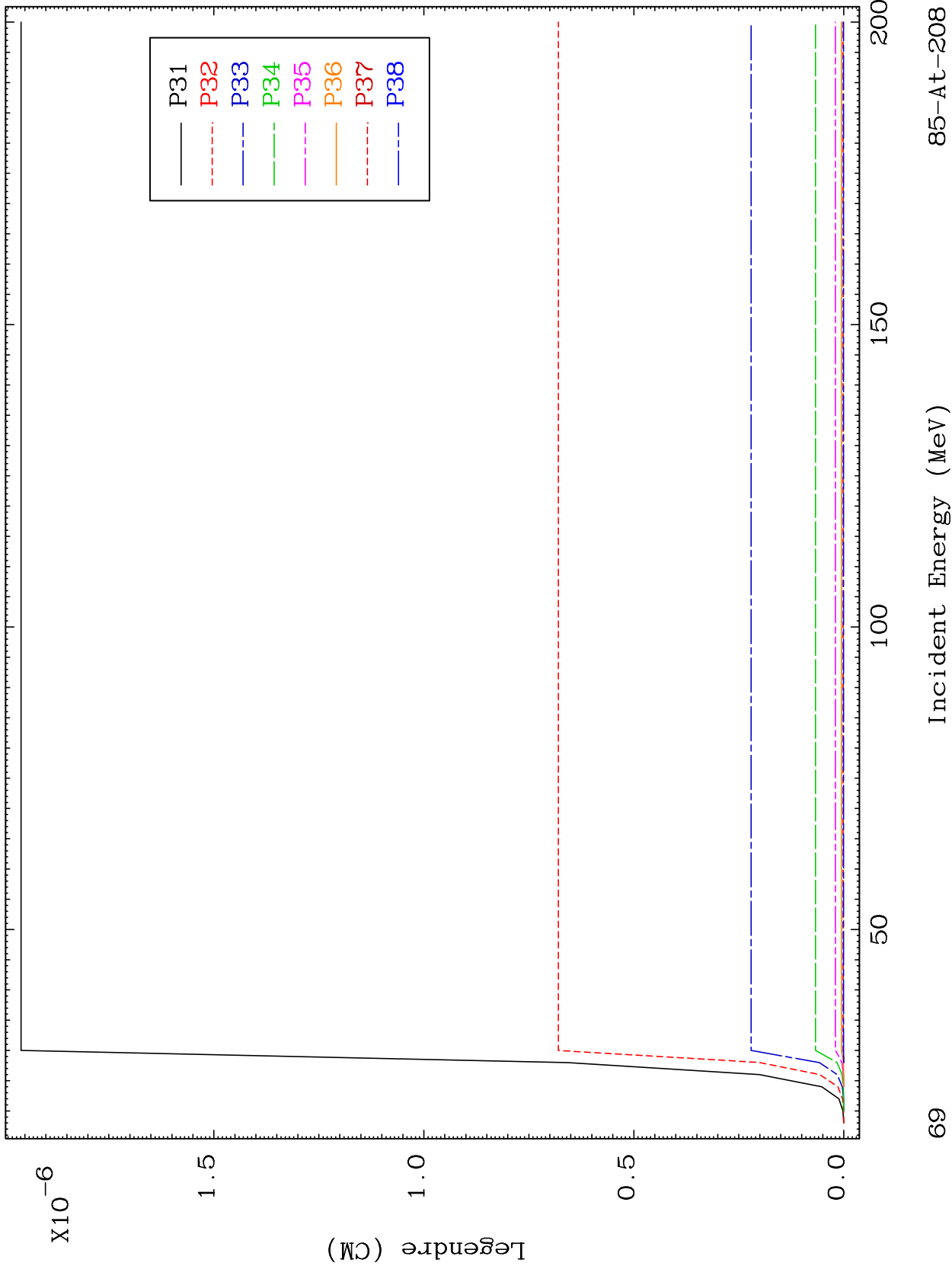
85-At-208



68

Incident Energy (MeV)

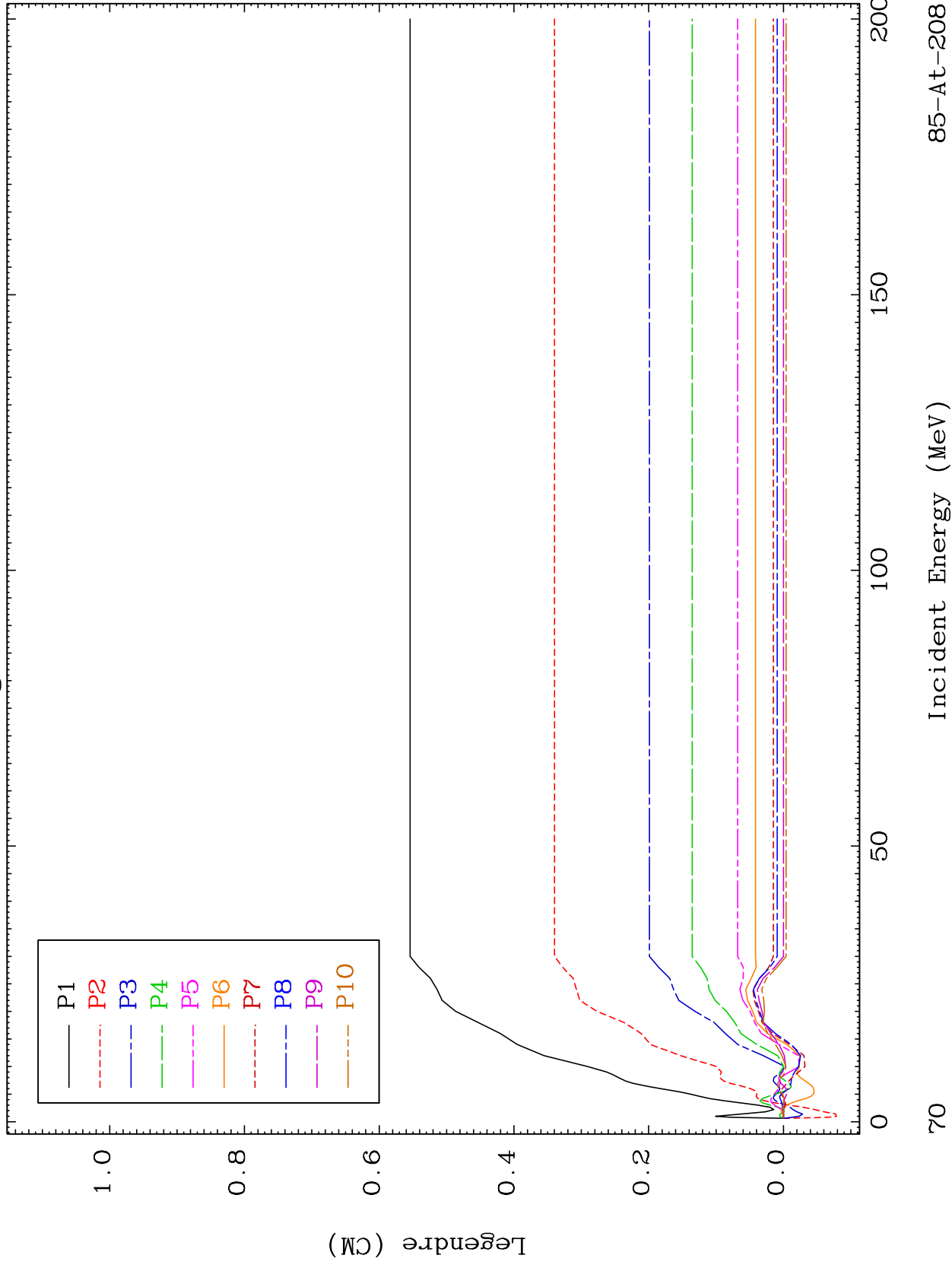
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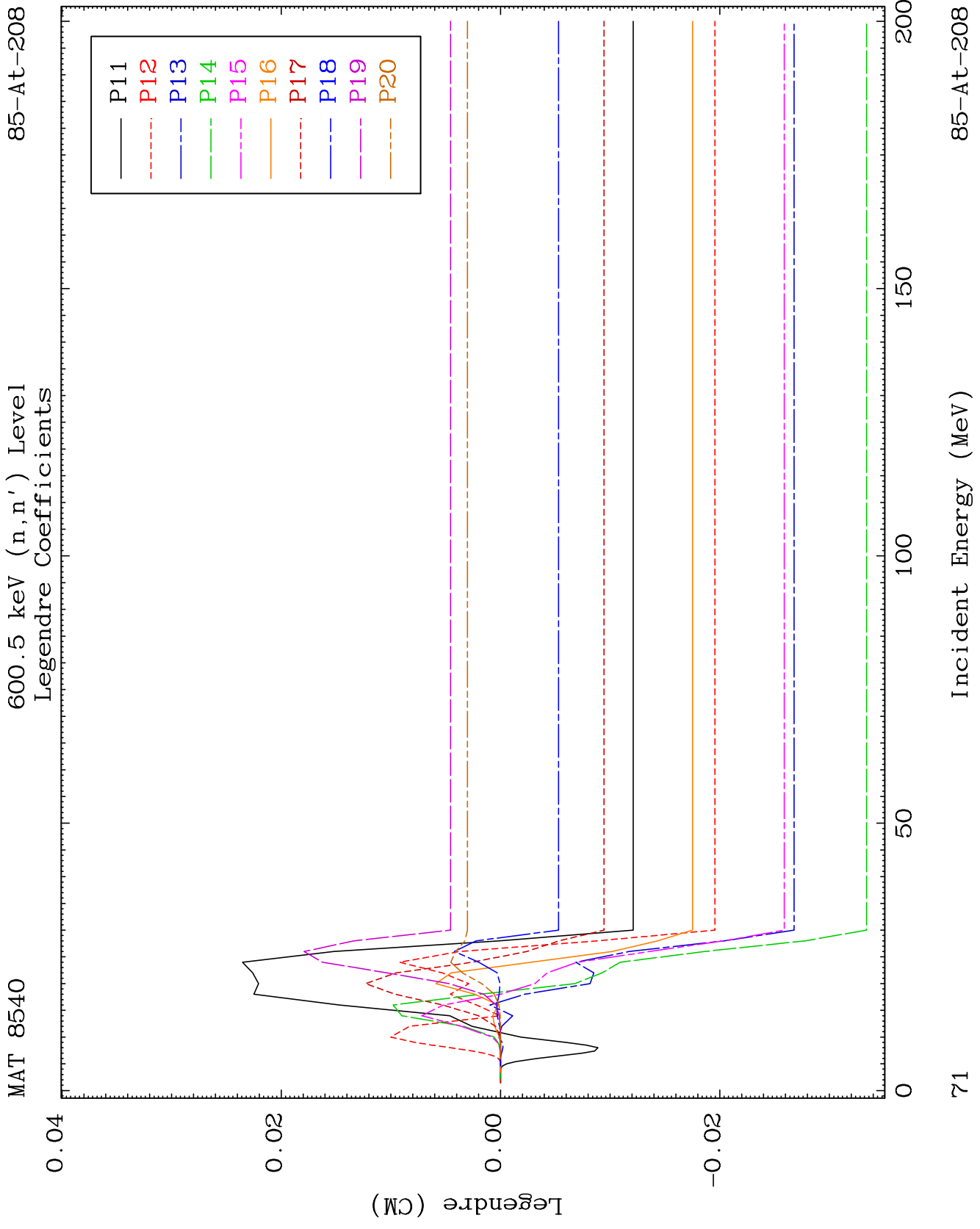


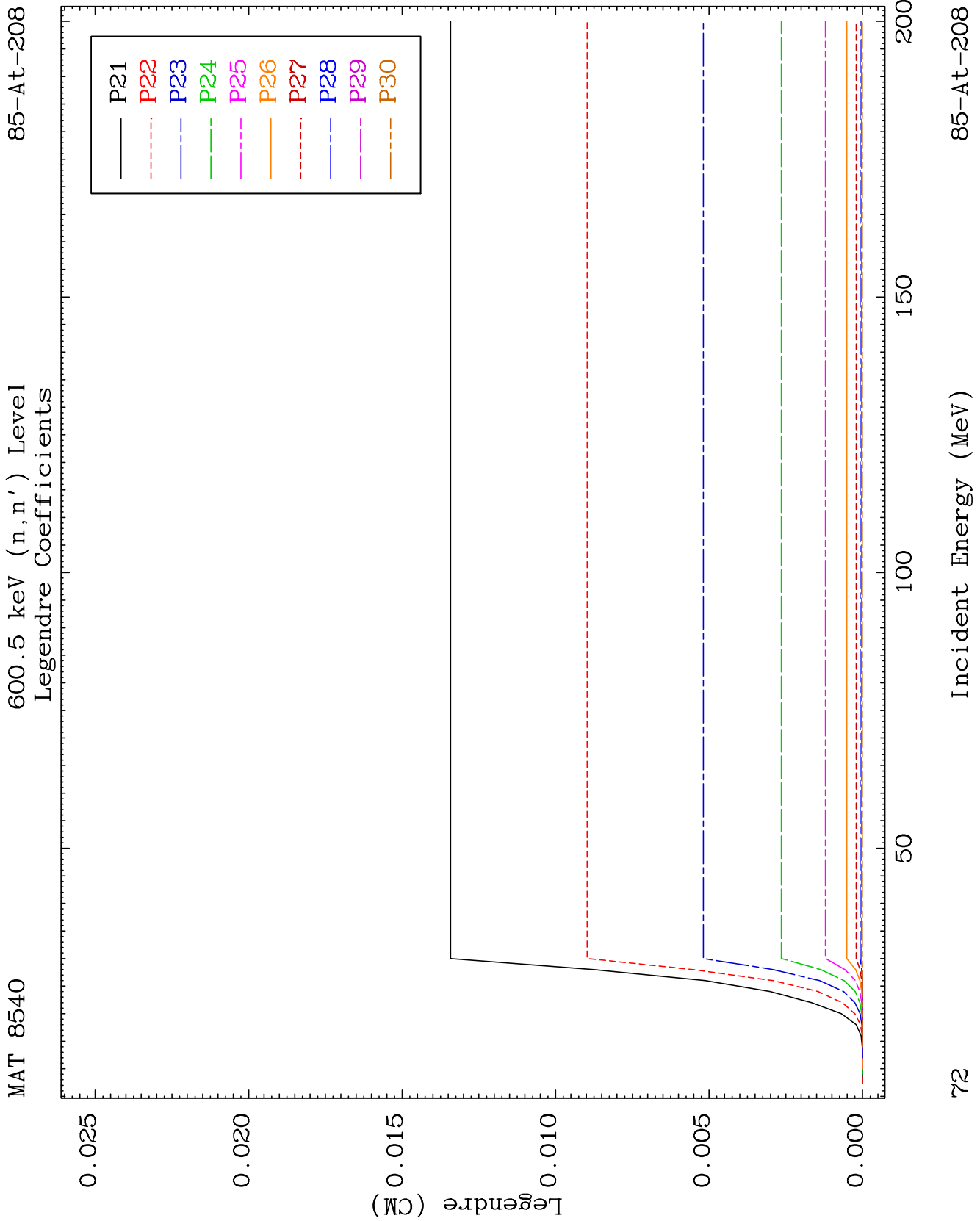
MAT 8540

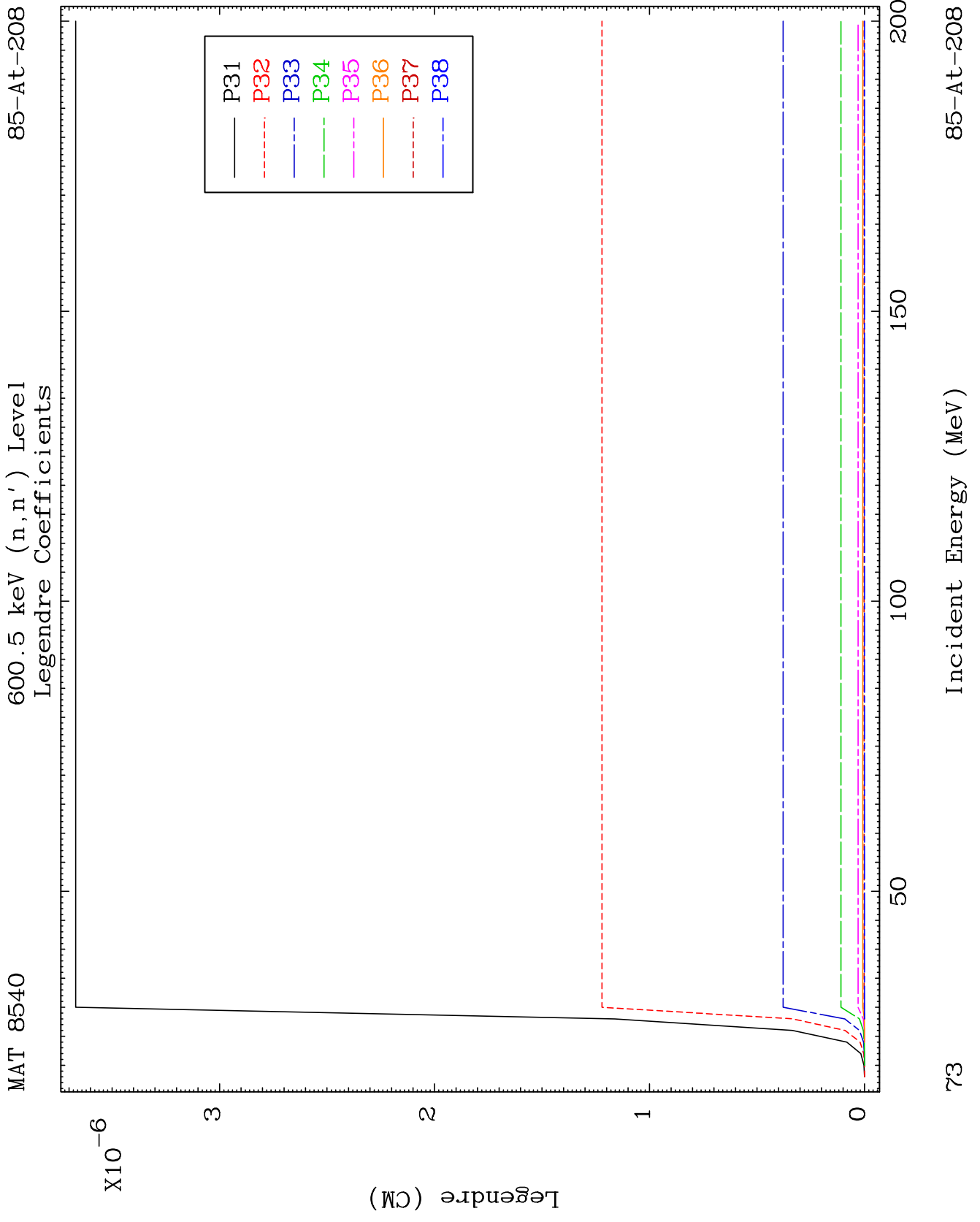
600.5 keV (n,n') Level
Legendre Coefficients

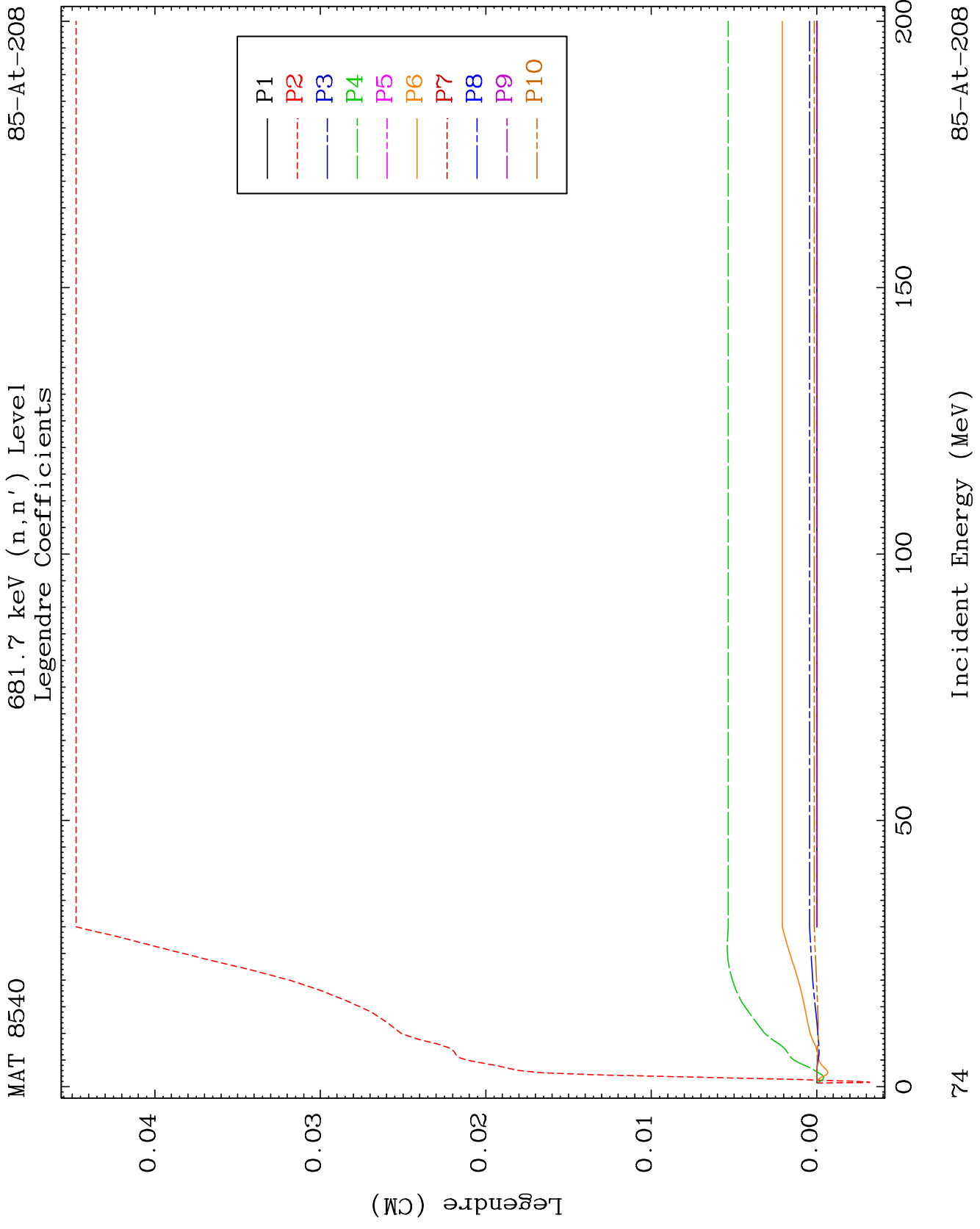
85-At-208







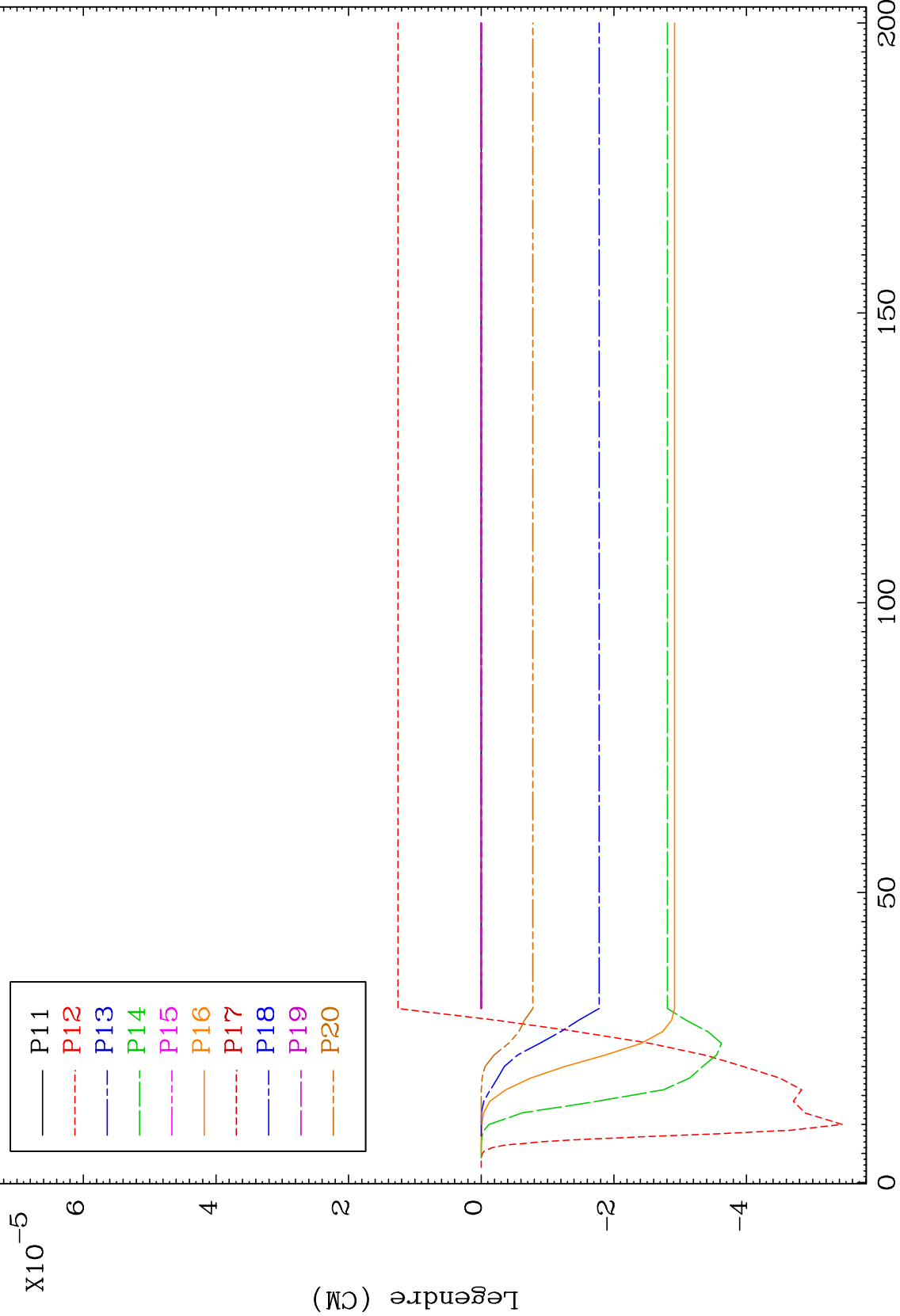
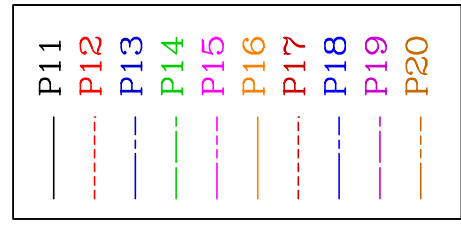




MAT 8540

681.7 keV (n,n') Level
Legendre Coefficients

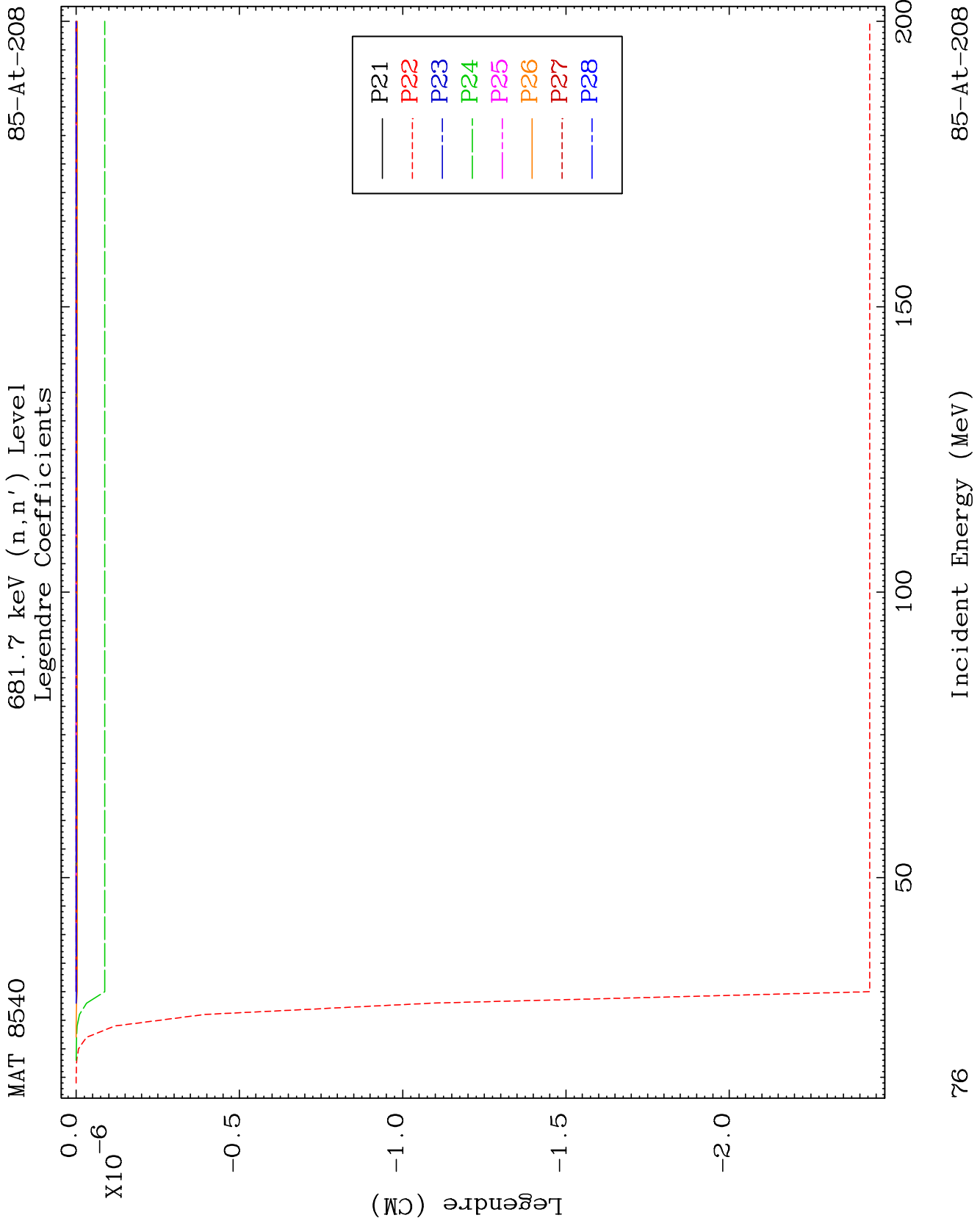
85-At-208

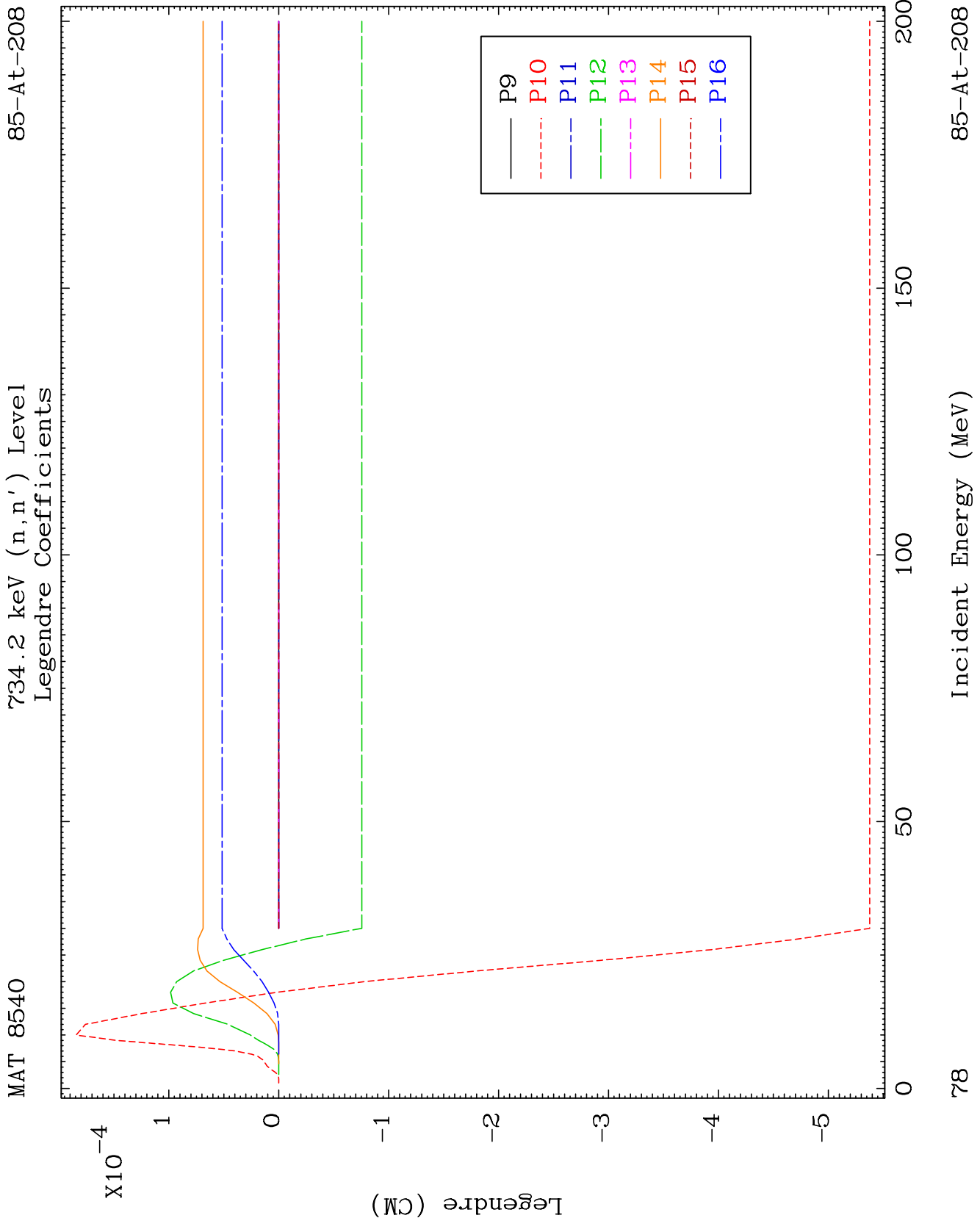


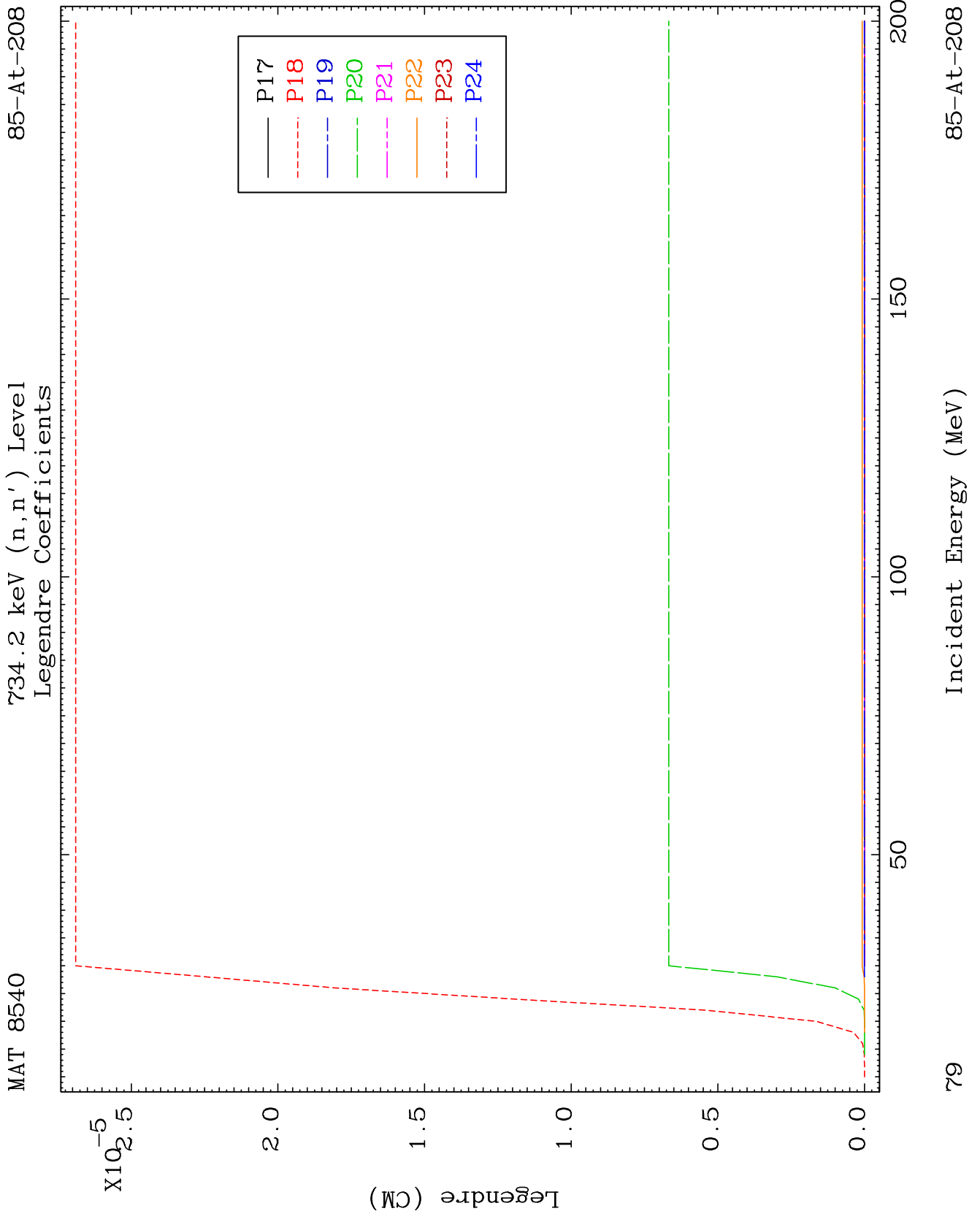
75

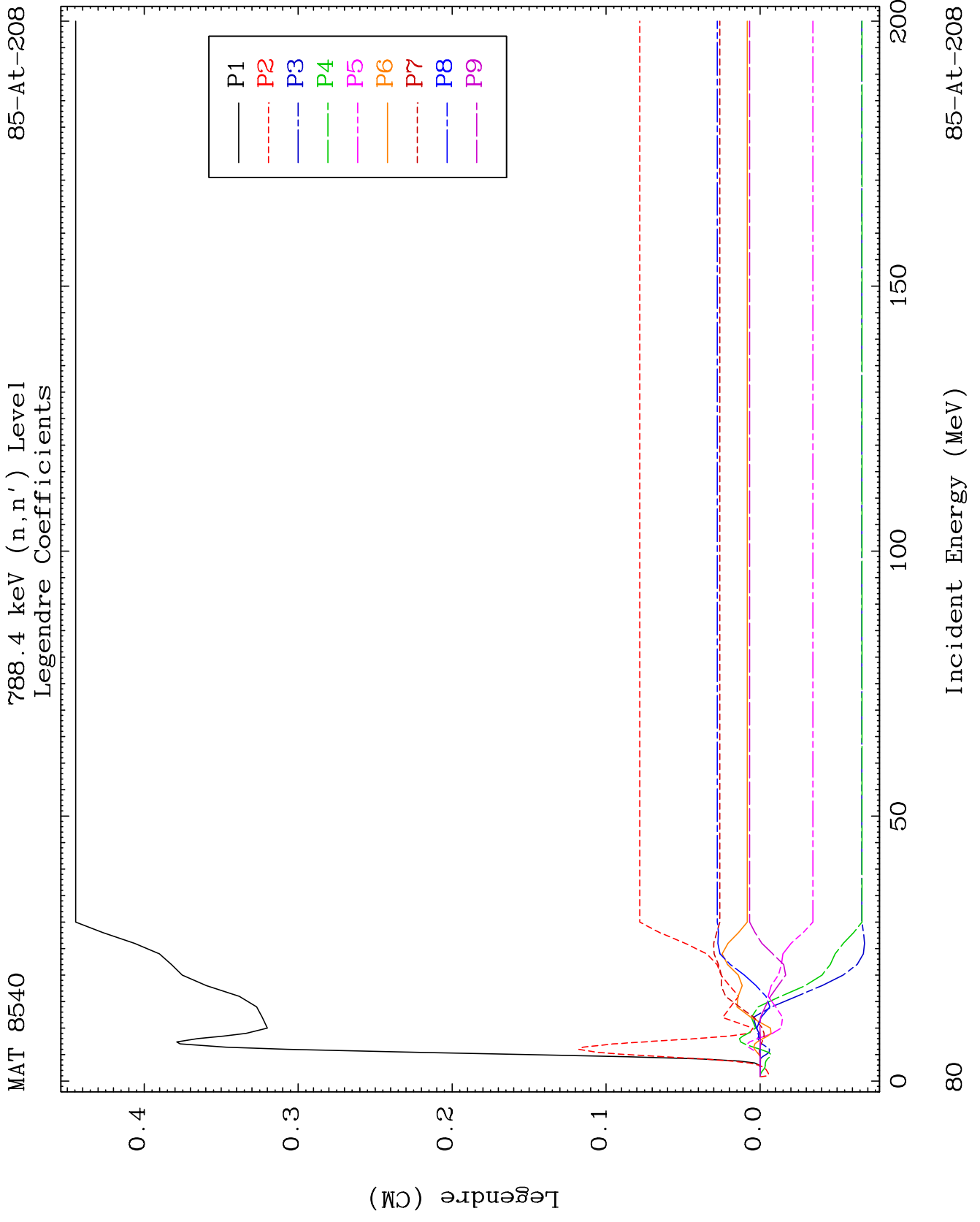
Incident Energy (MeV)

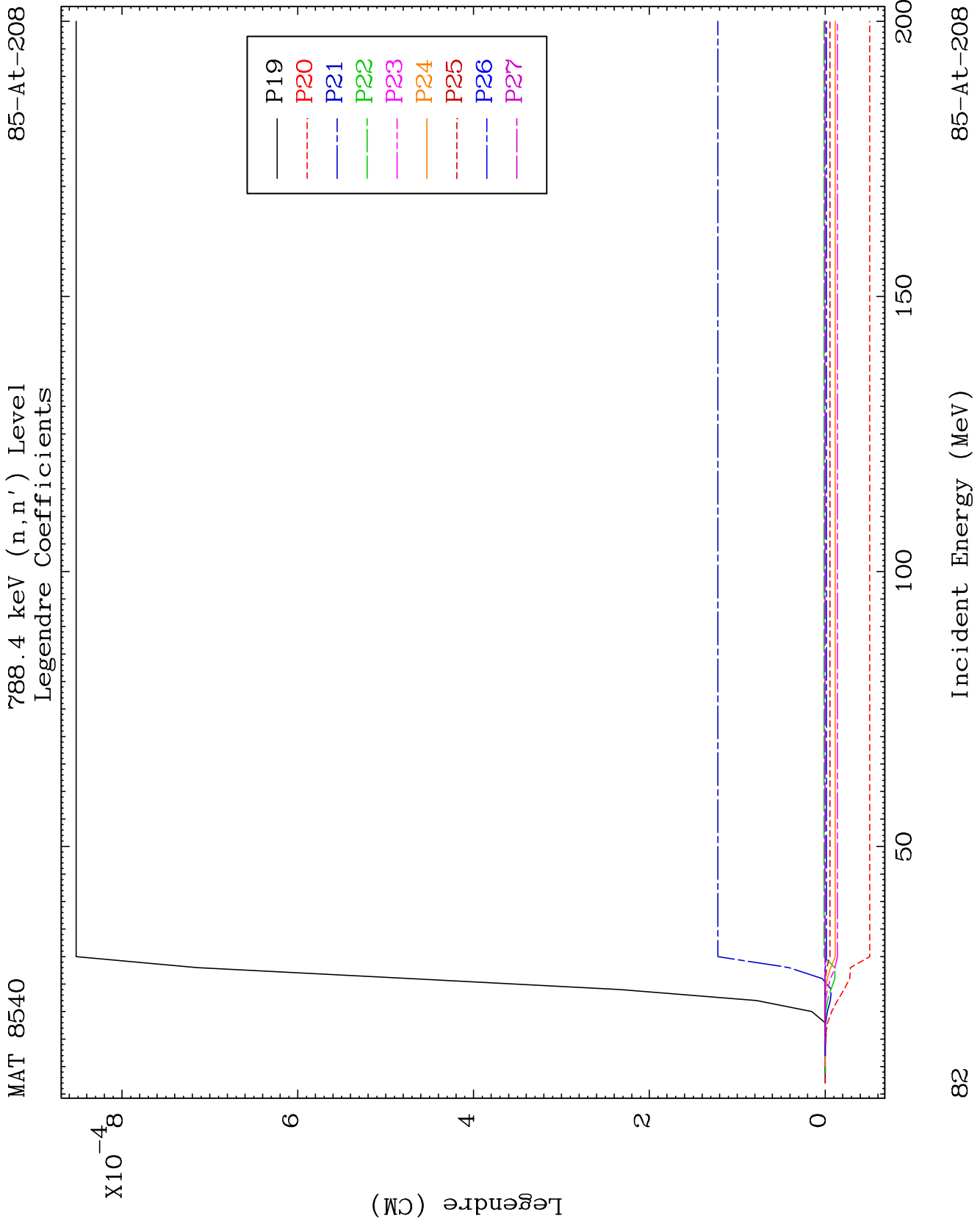
85-At-208

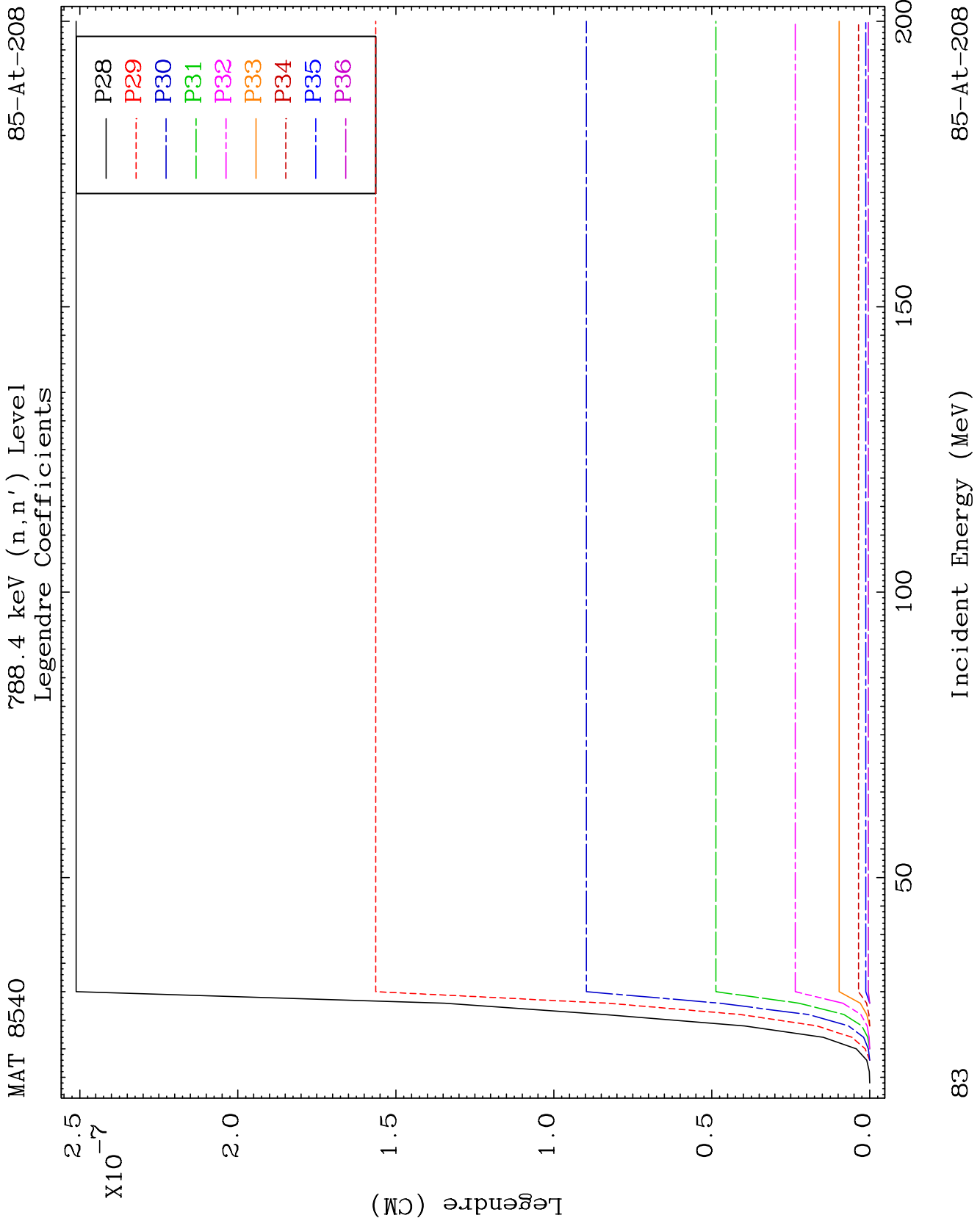


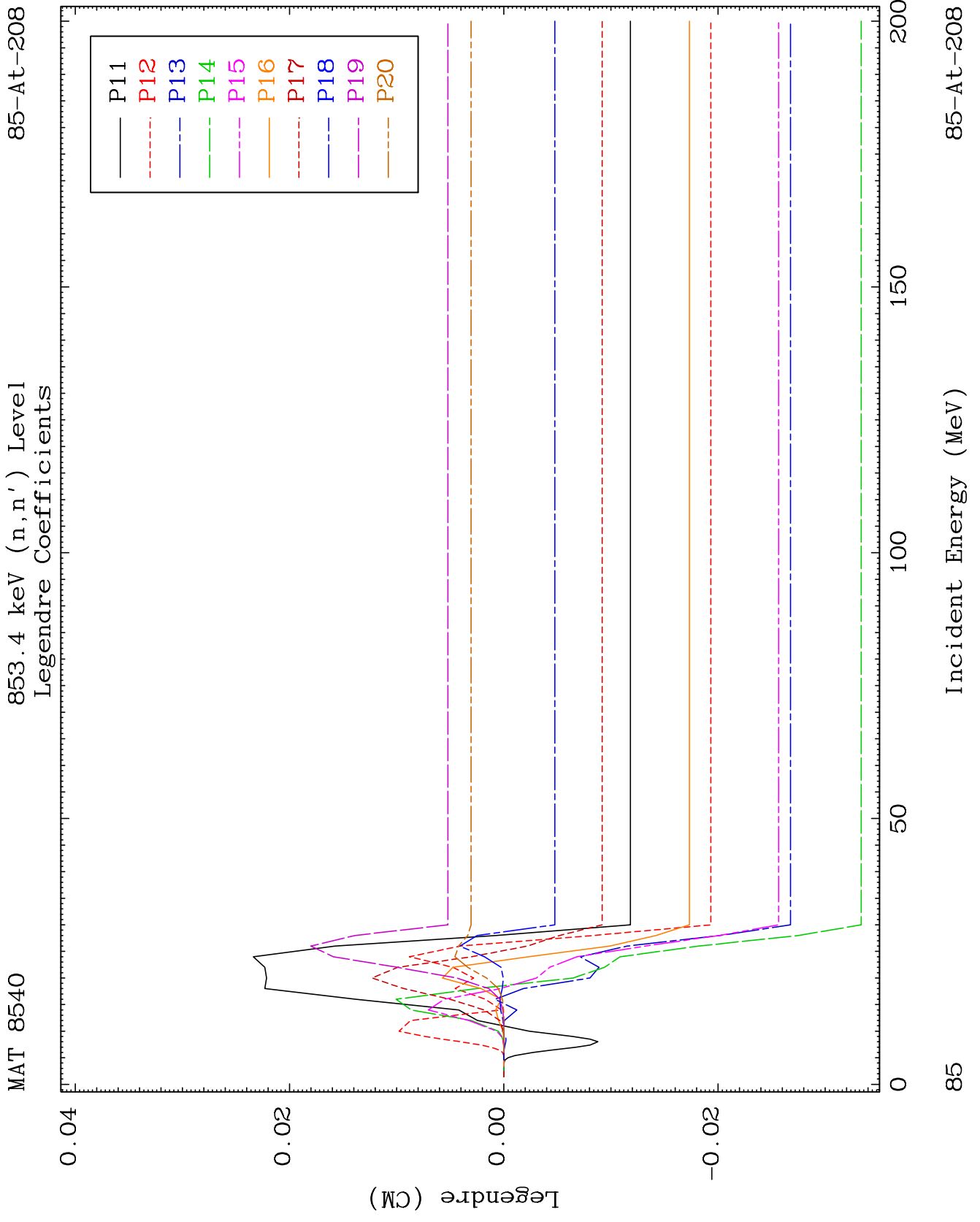


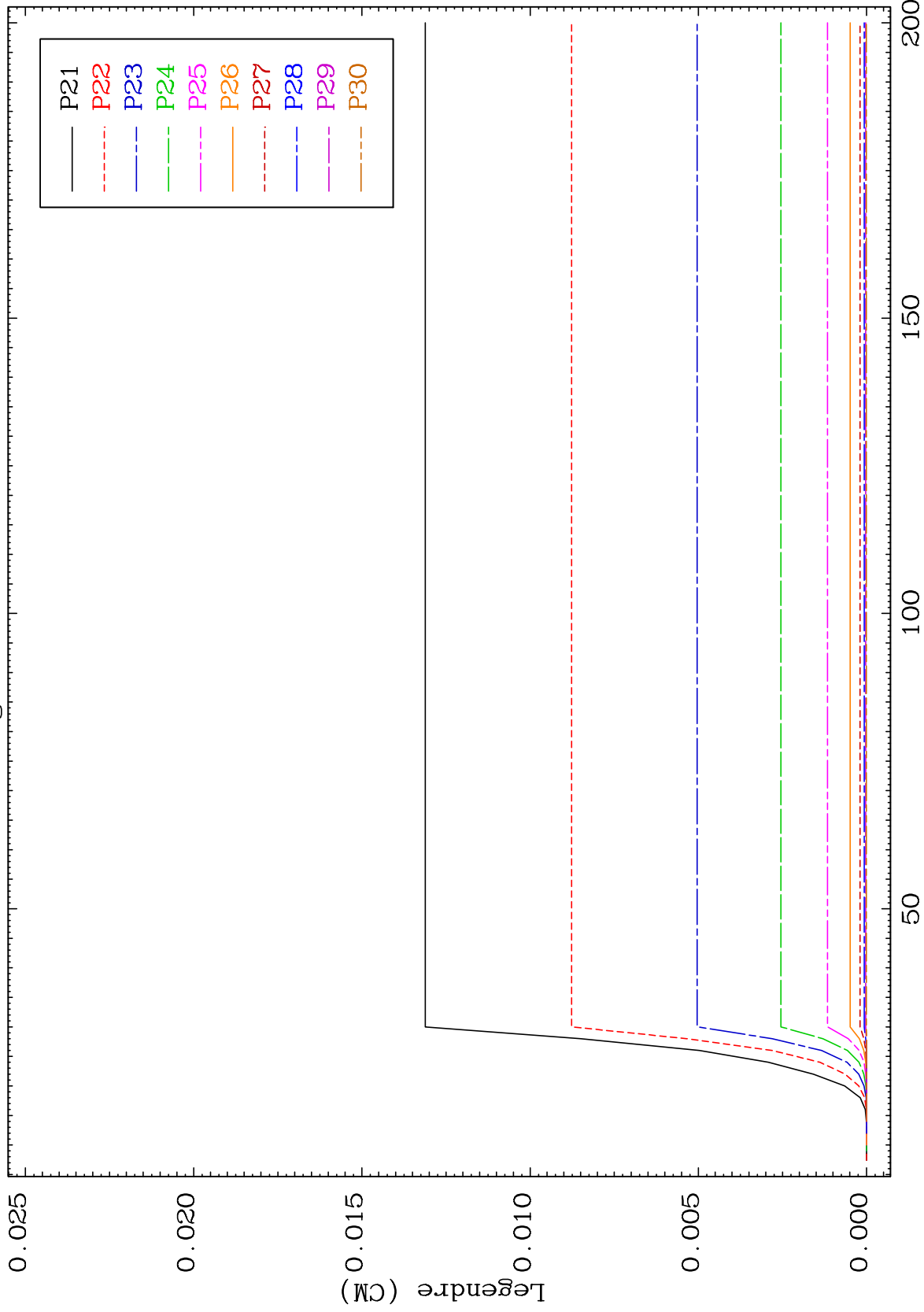








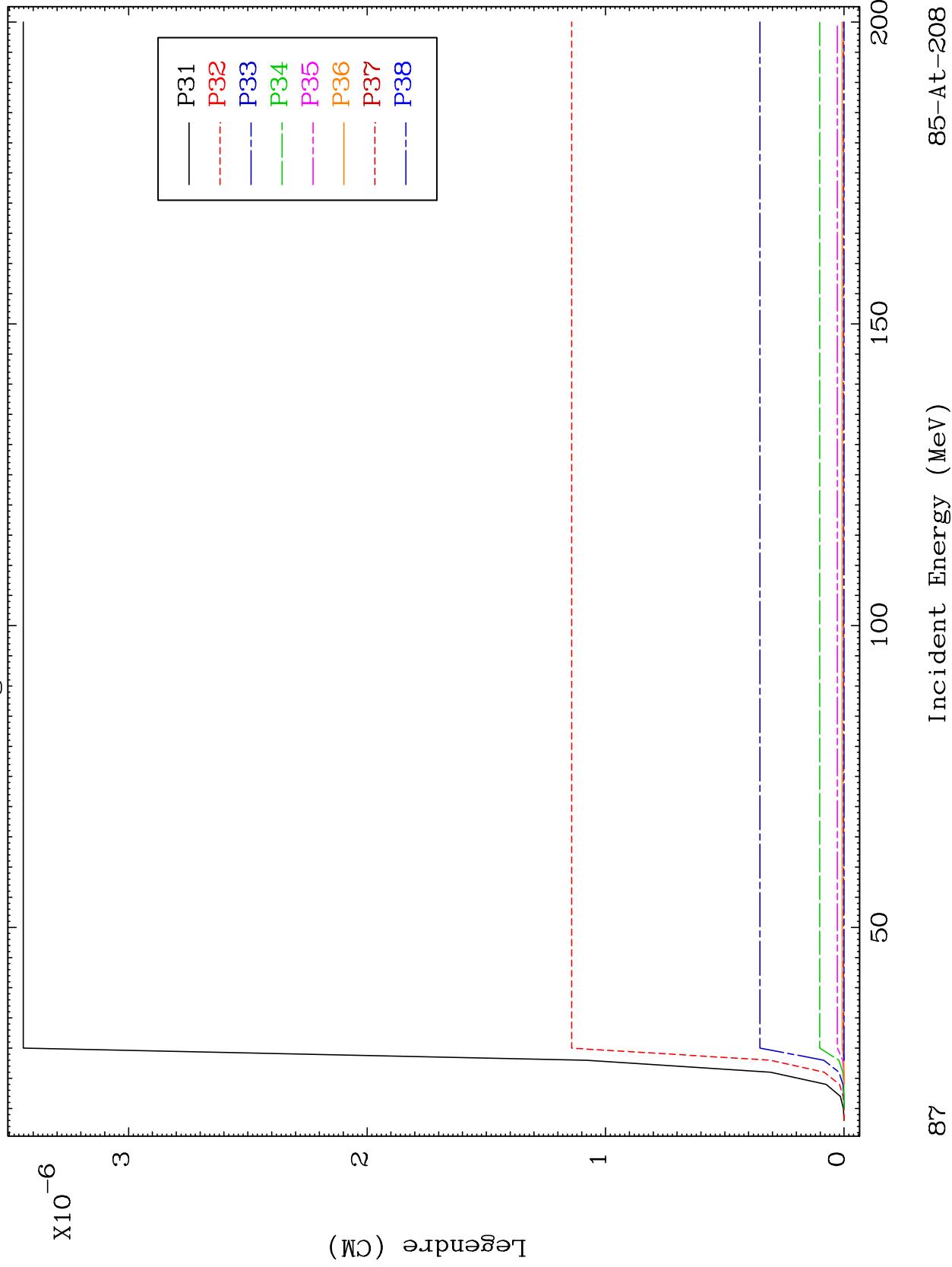




MAT 8540

853.4 keV (n,n') Level
Legendre Coefficients

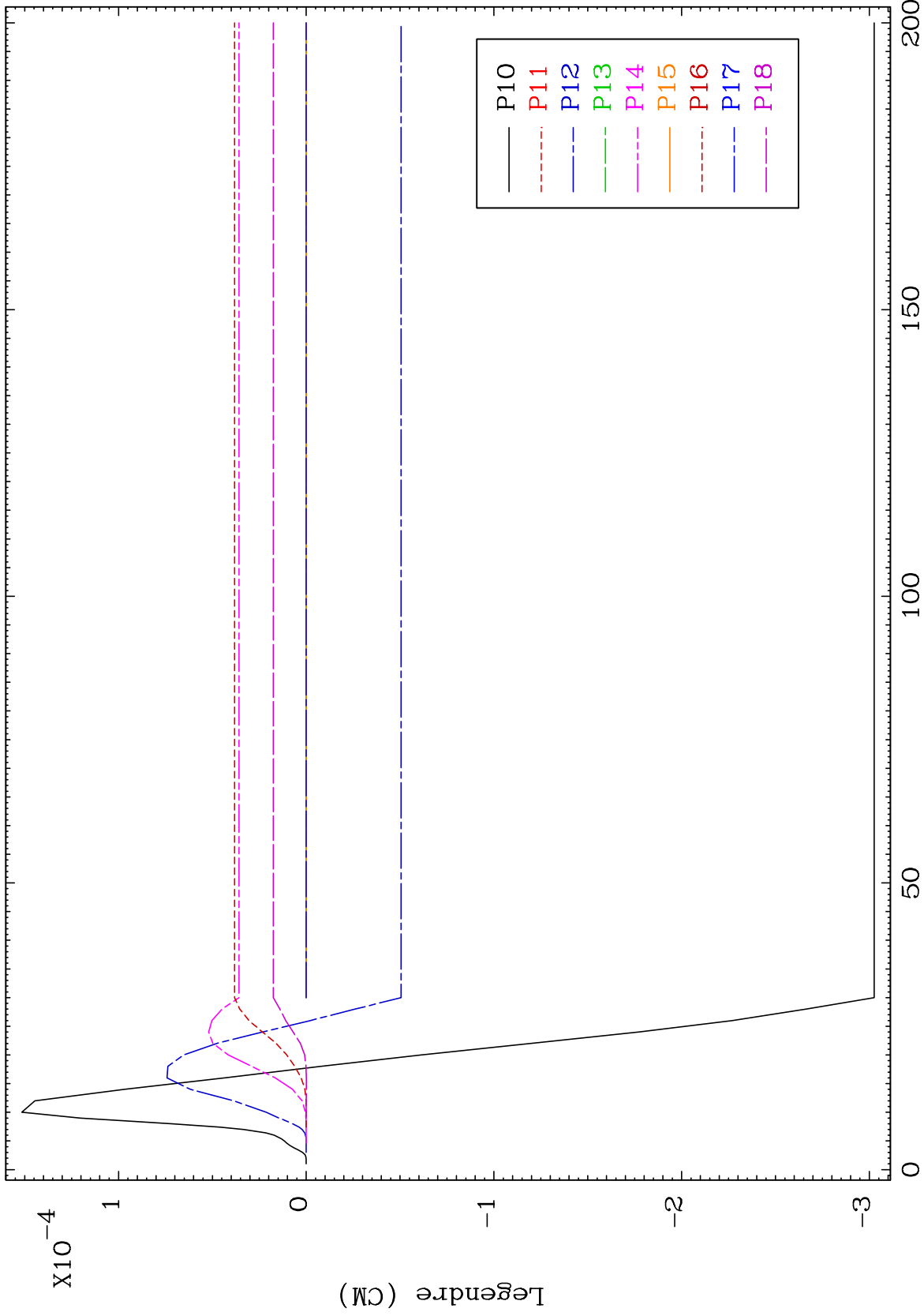
85-At-208



MAT 8540

904.0 keV (n,n') Level
Legendre Coefficients

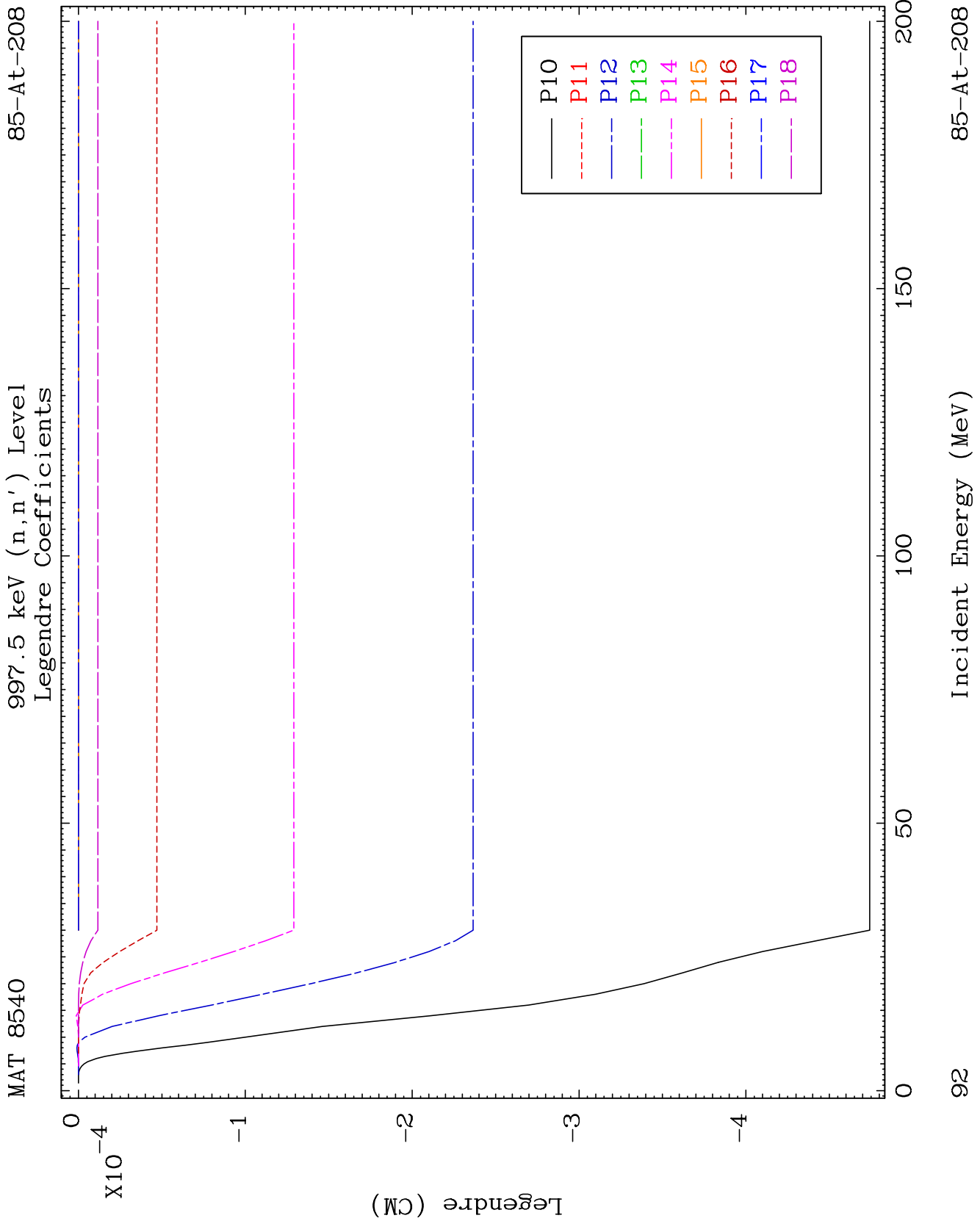
85-At-208

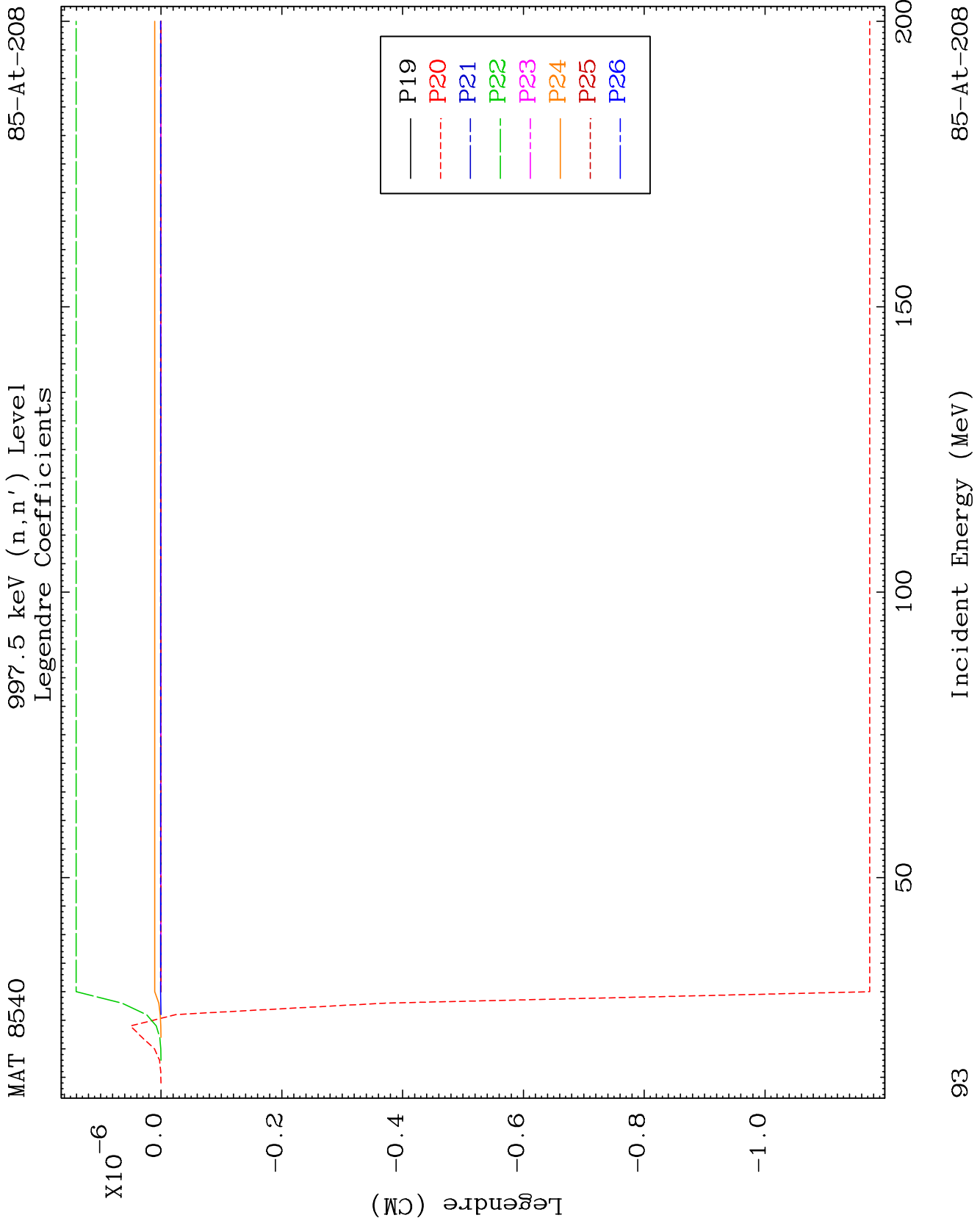


89

Incident Energy (MeV)

85-At-208

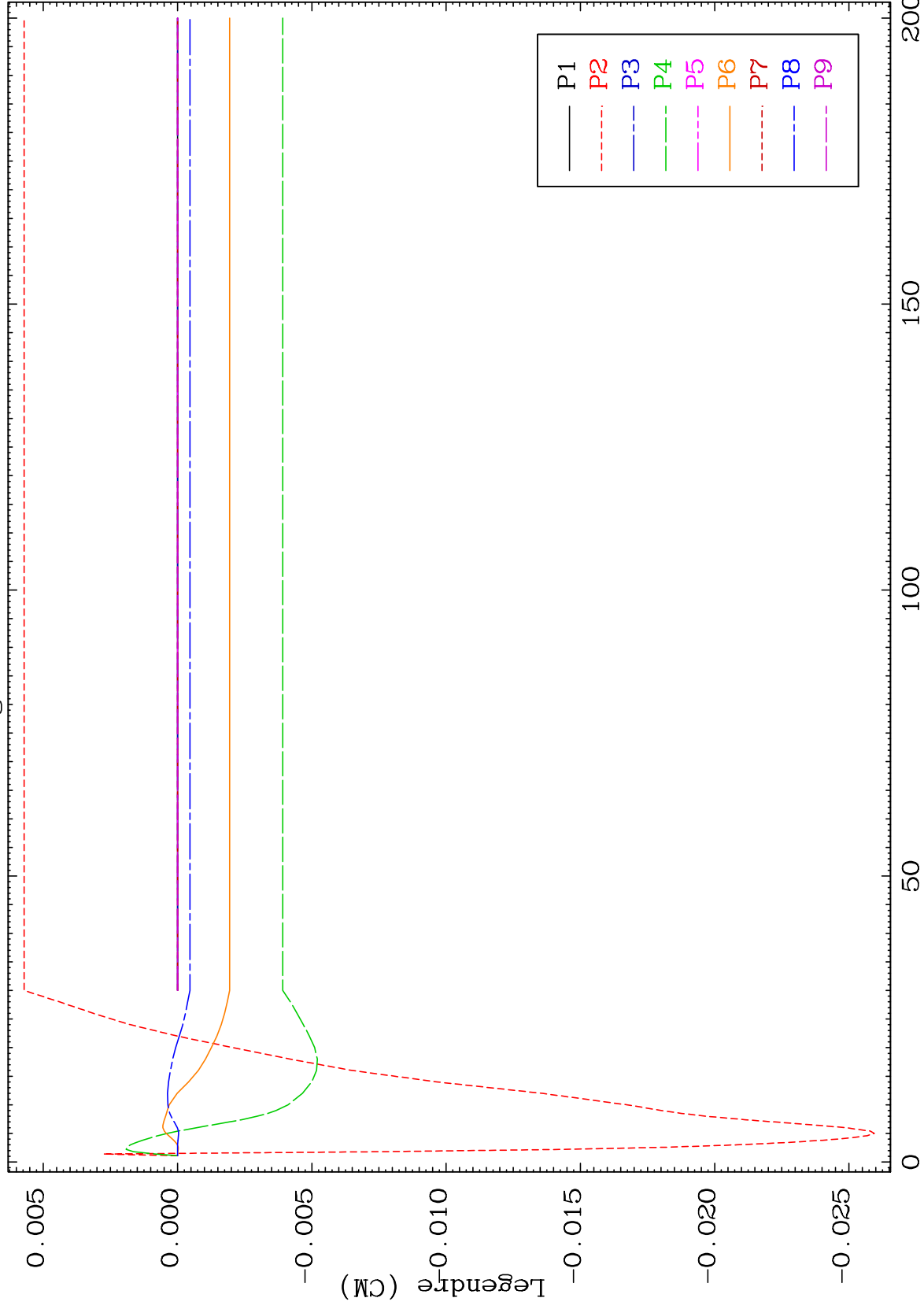




MAT 8540

1.090 MeV (n,n') Level
Legendre Coefficients

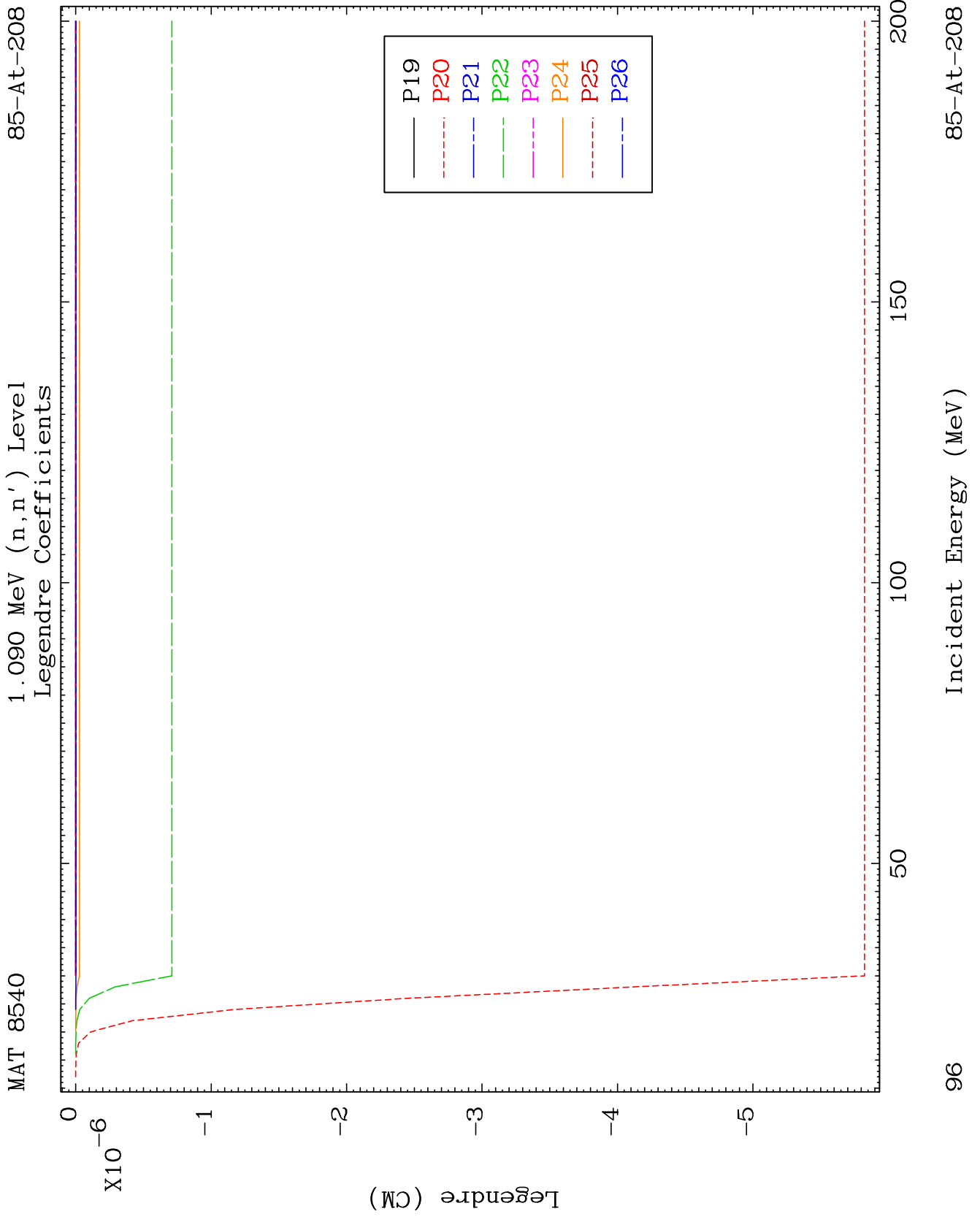
85-At-208



94

Incident Energy (MeV)

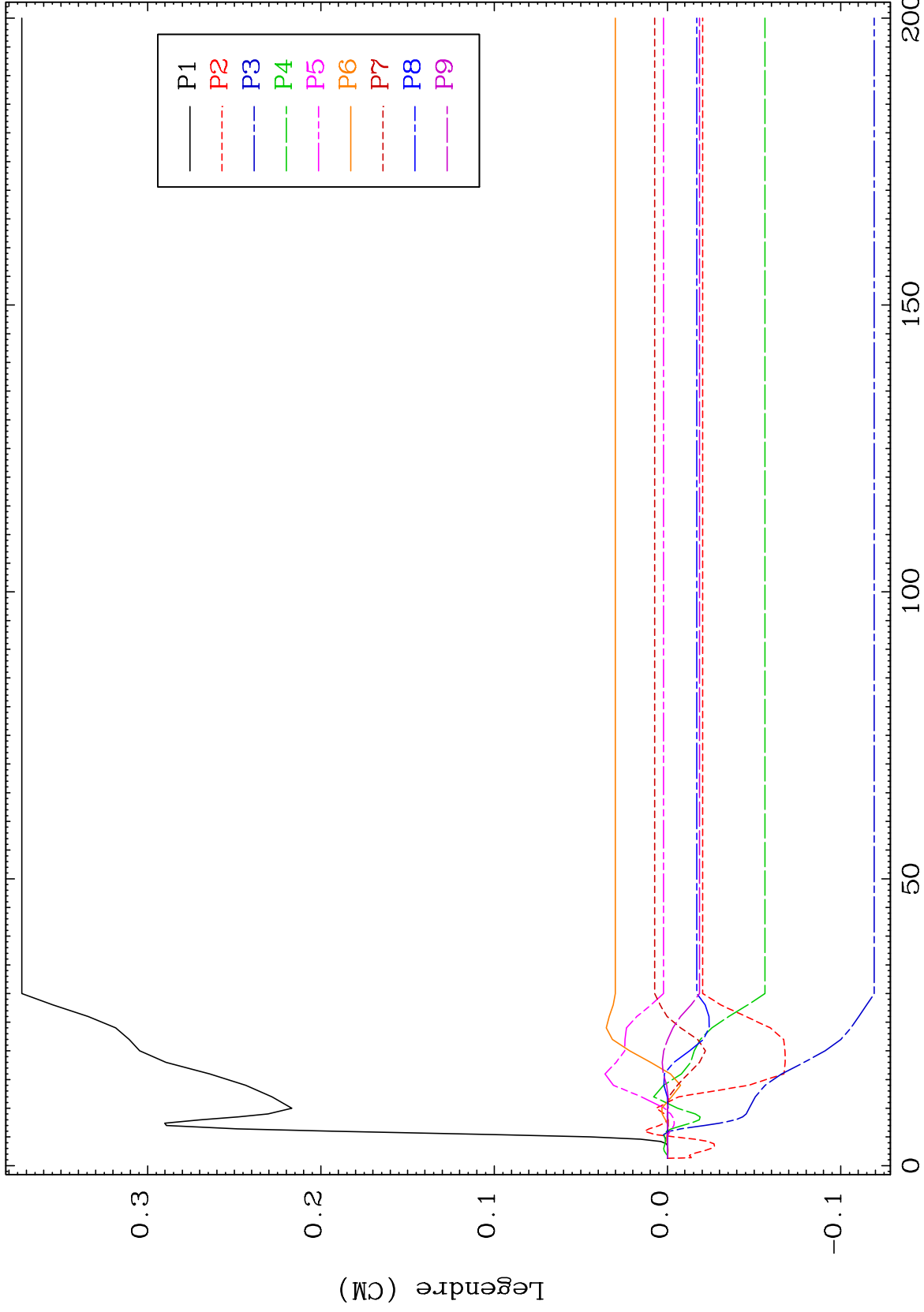
85-At-208



MAT 8540

1.256 MeV (n,n') Level Legendre Coefficients

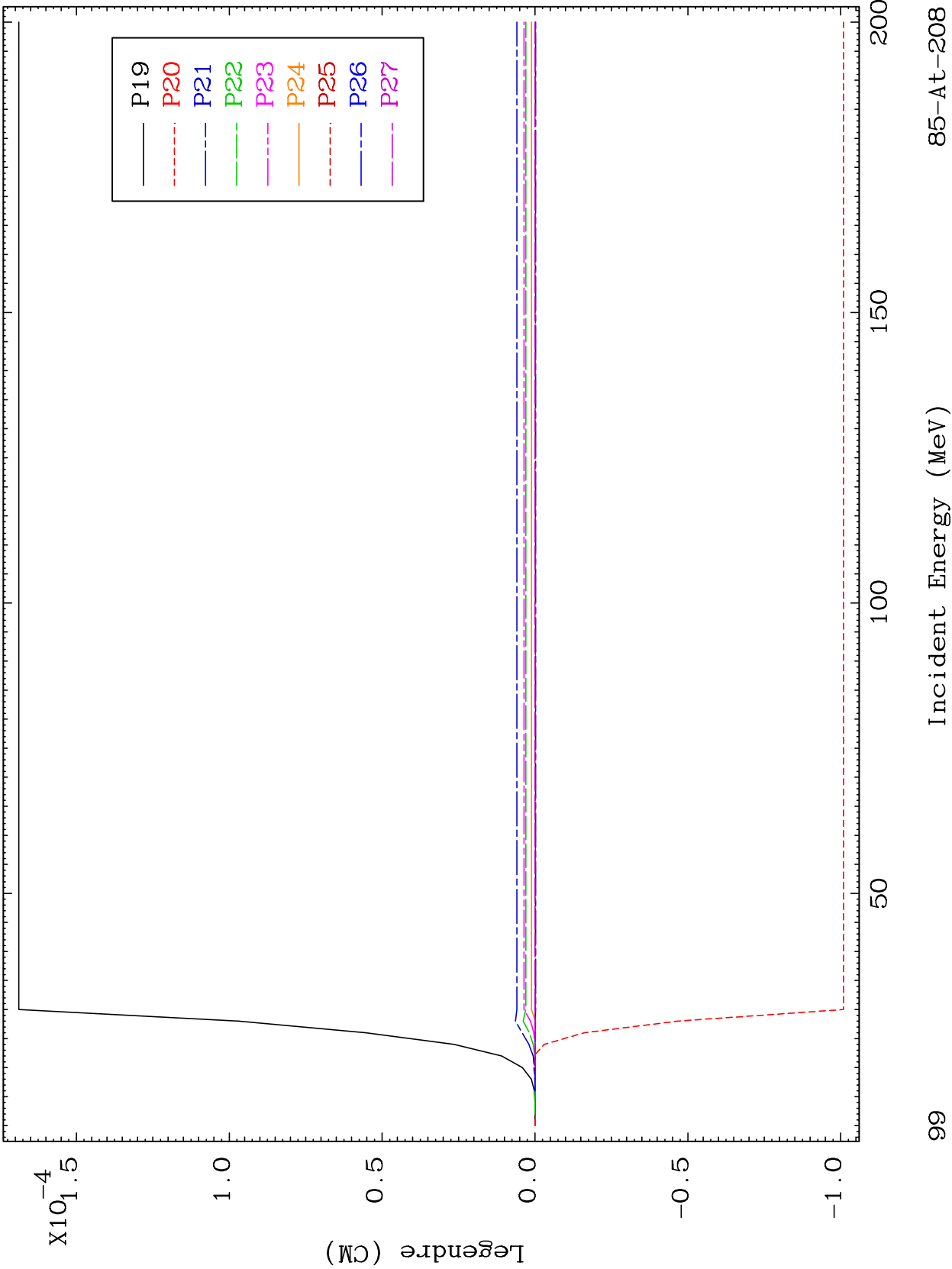
85-At-208

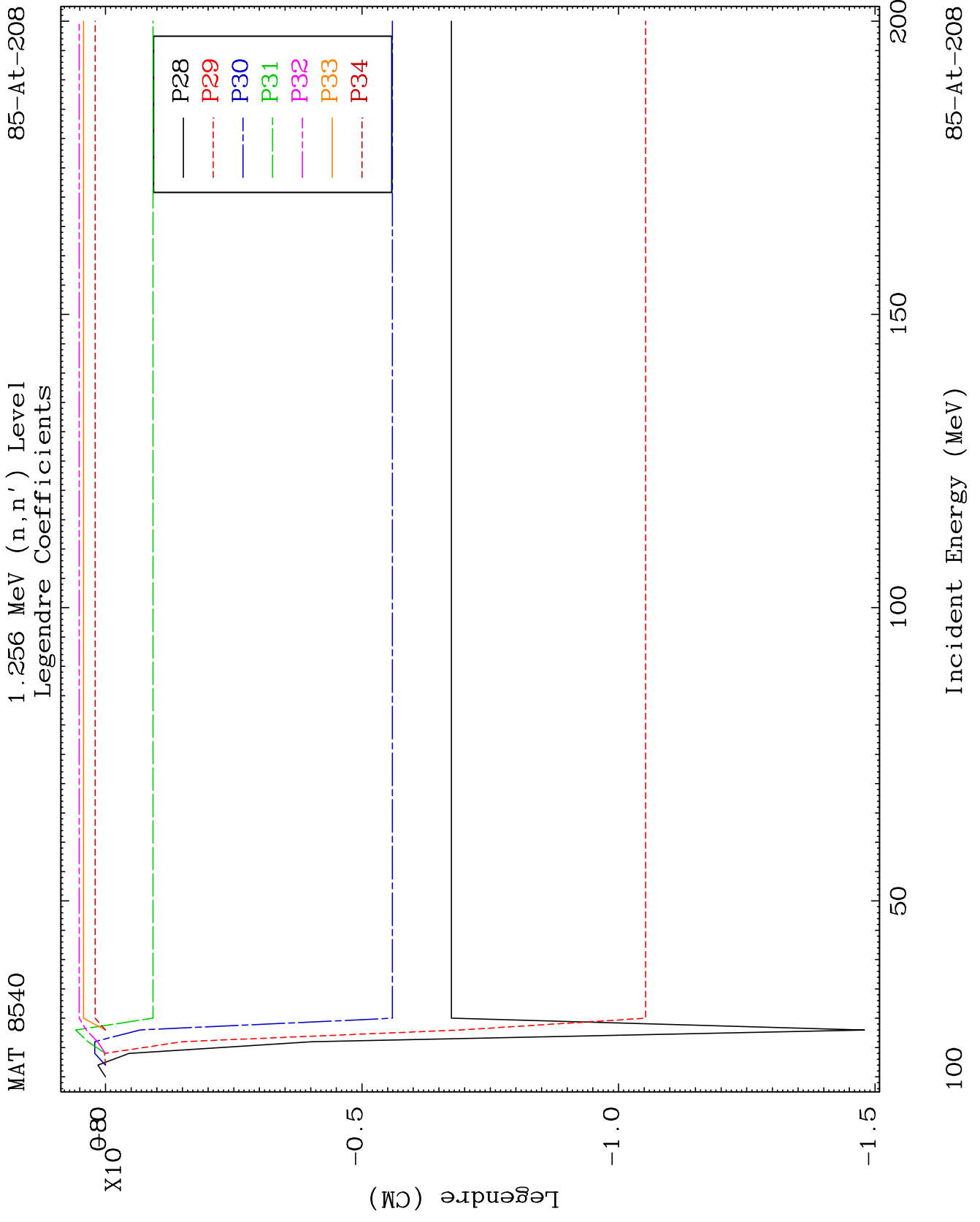


97

Incident Energy (MeV)

85-At-208

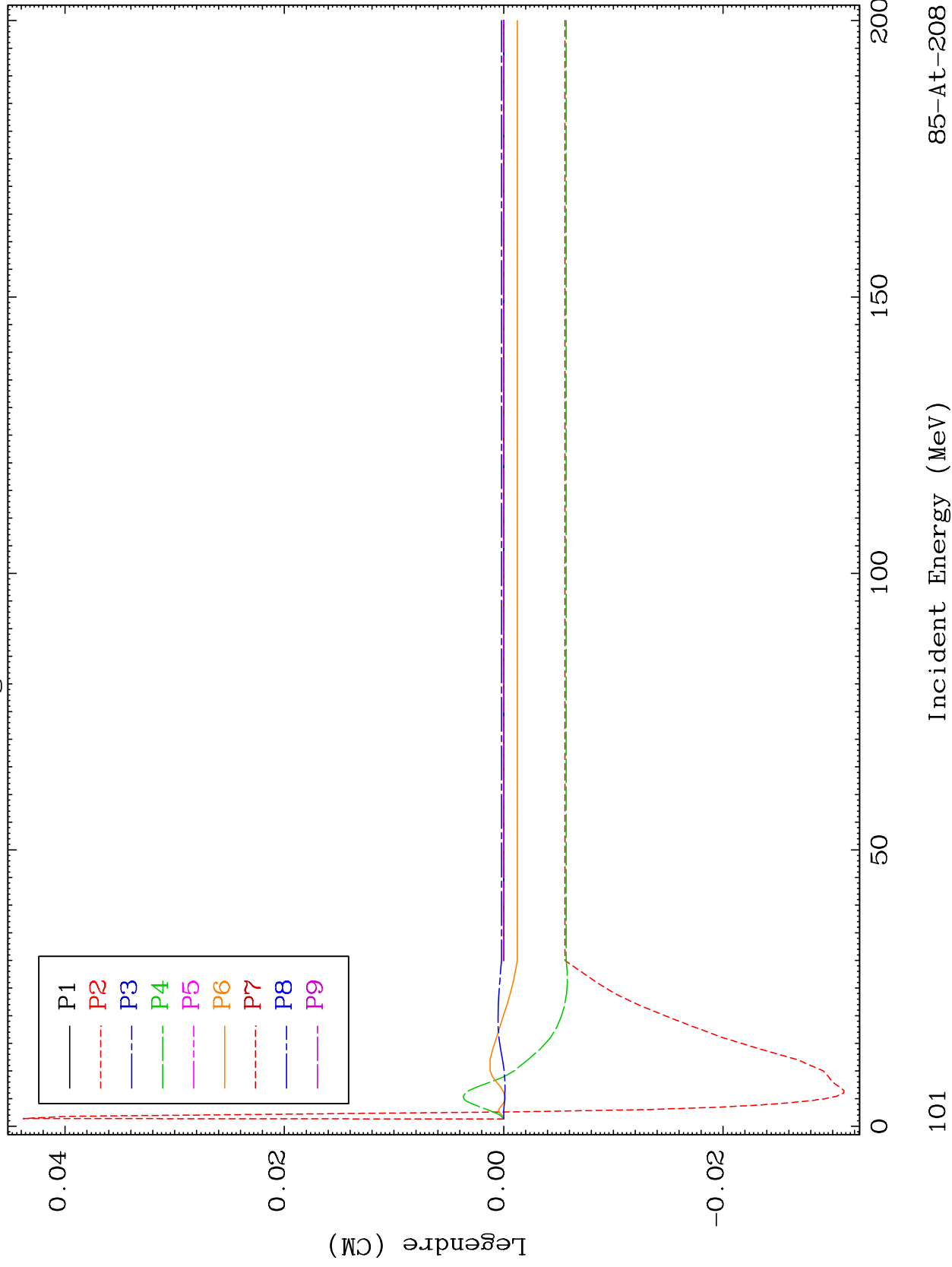




MAT 8540

1.300 MeV (n,n') Level
Legendre Coefficients

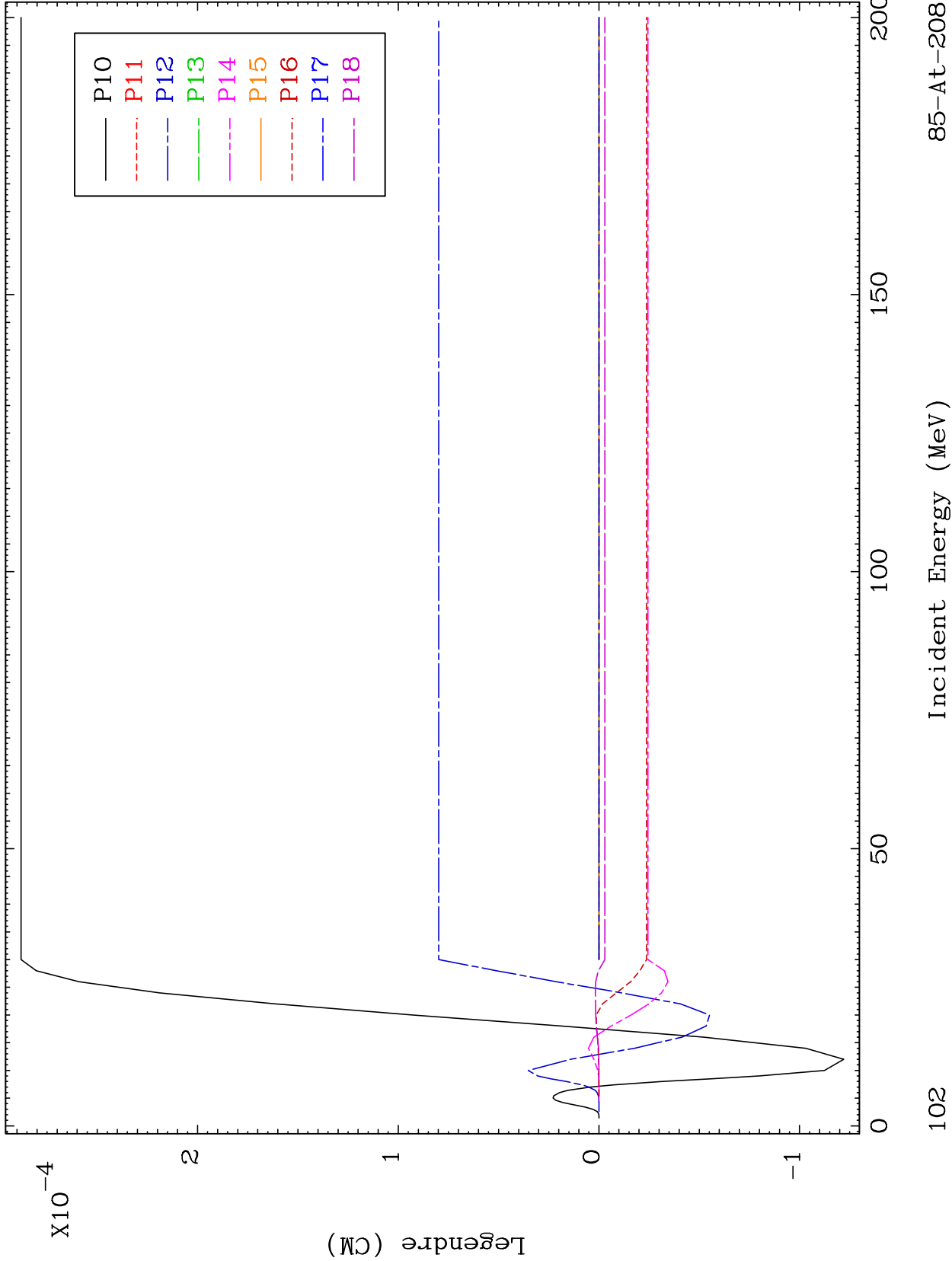
85-At-208



MAT 8540

1.300 MeV (n,n') Level
Legendre Coefficients

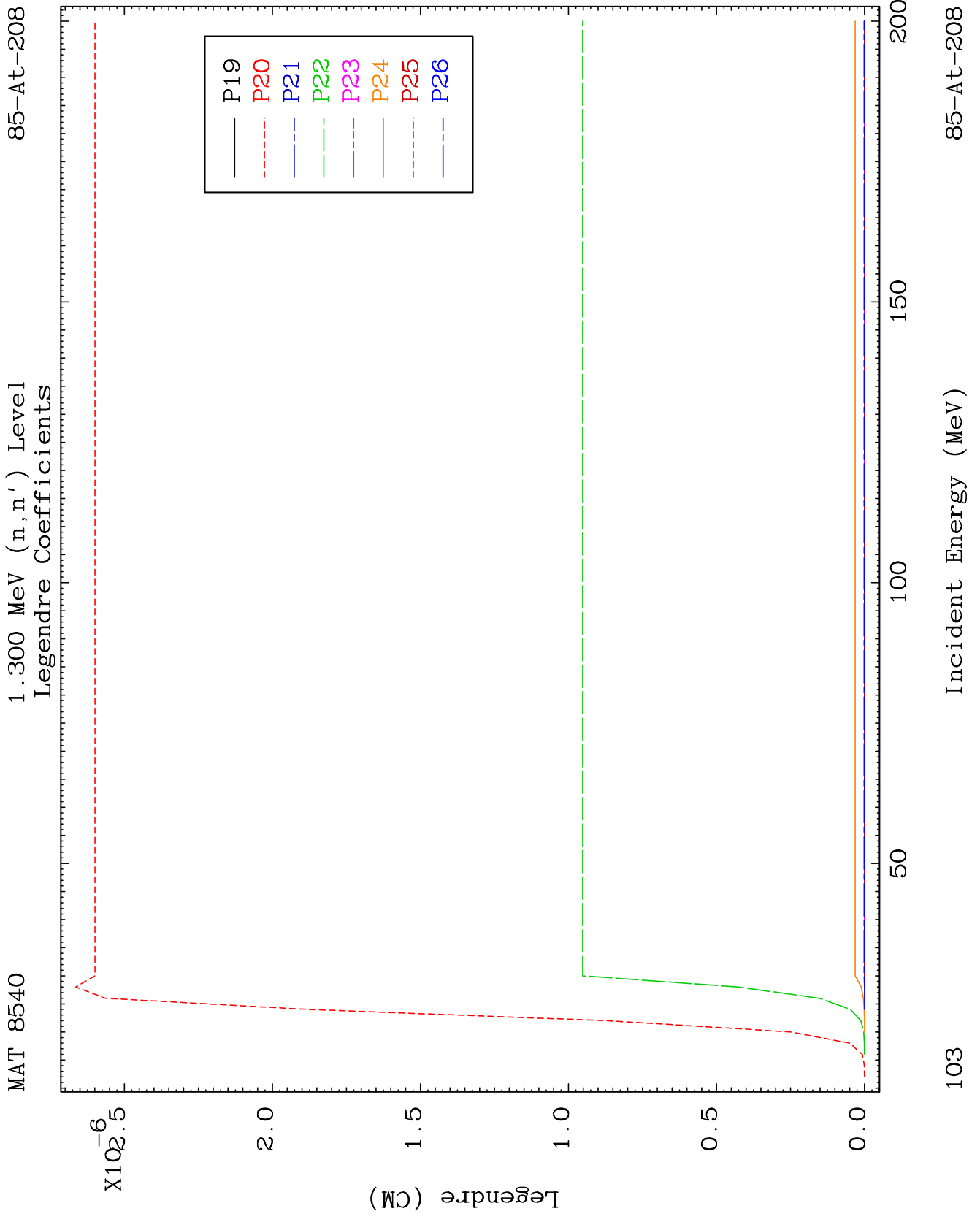
85-At-208



85-At-208

Incident Energy (MeV)

102

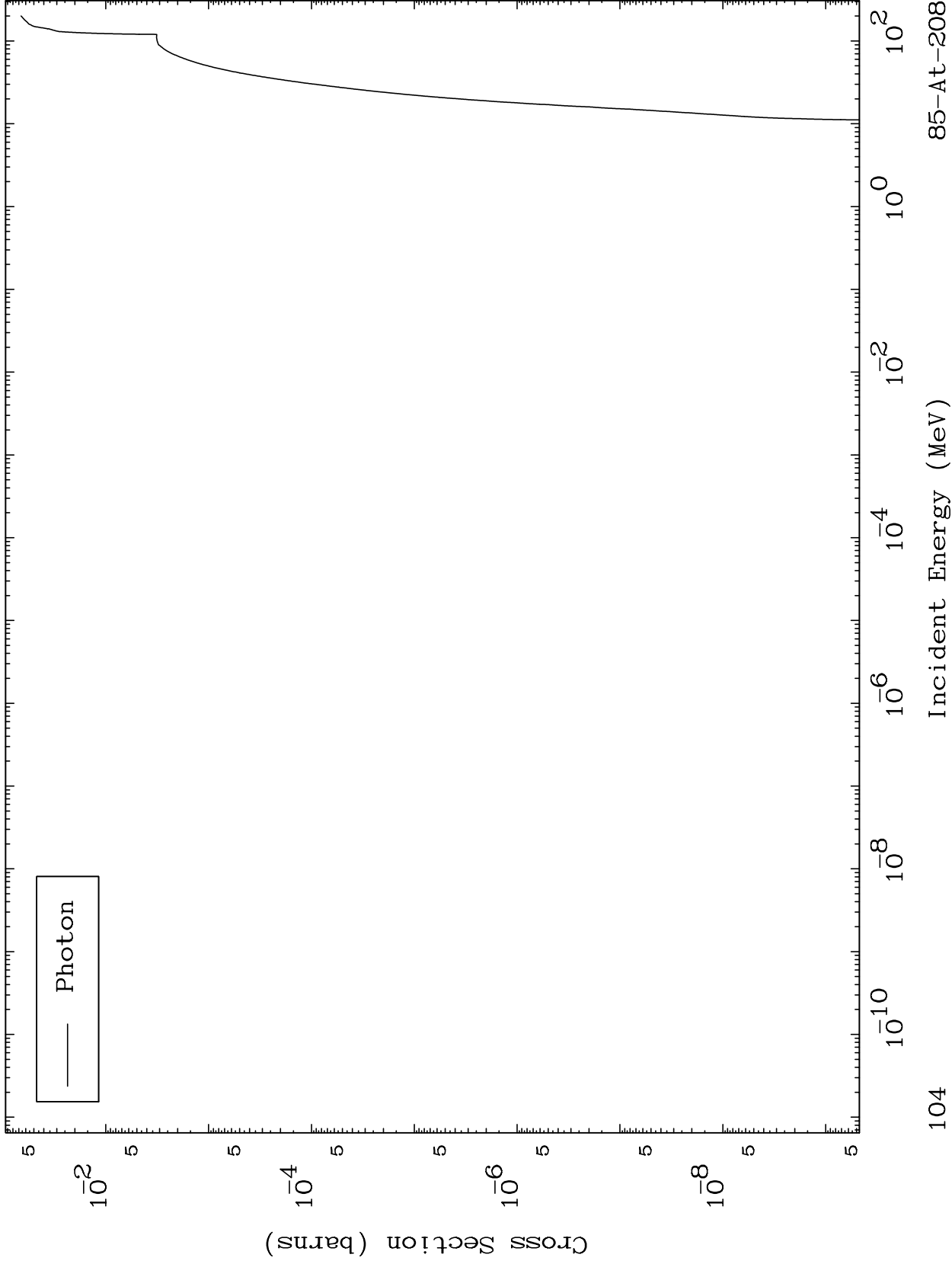


MAT 8540

Fission

85-At-208

Radionuclide Production Cross Section



104

Incident Energy (MeV)

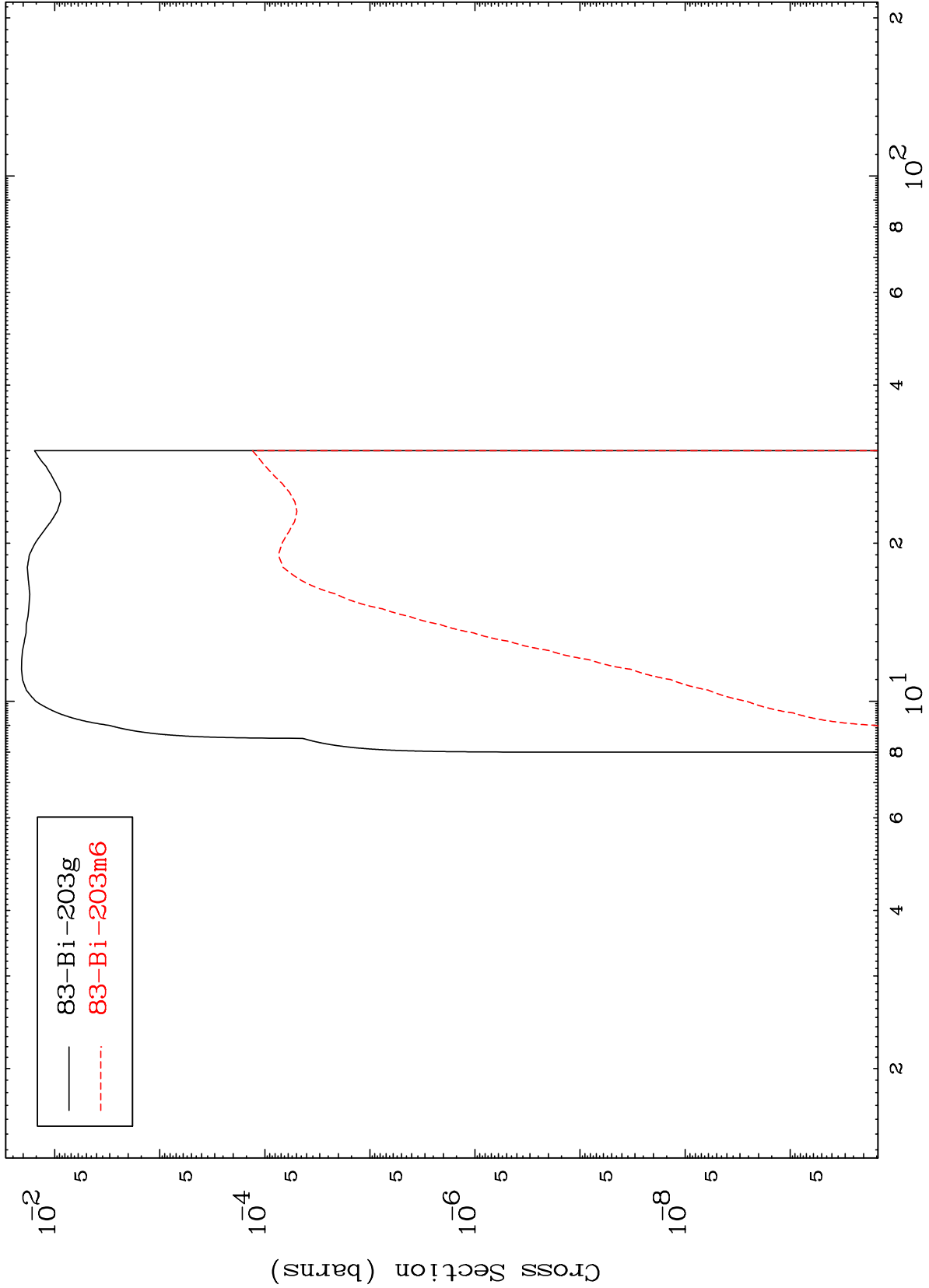
85-At-208

MAT 8540

85-At-208

(n,2n) α

Radionuclide Production Cross Section



83-Bi-203g
83-Bi-203m6

105

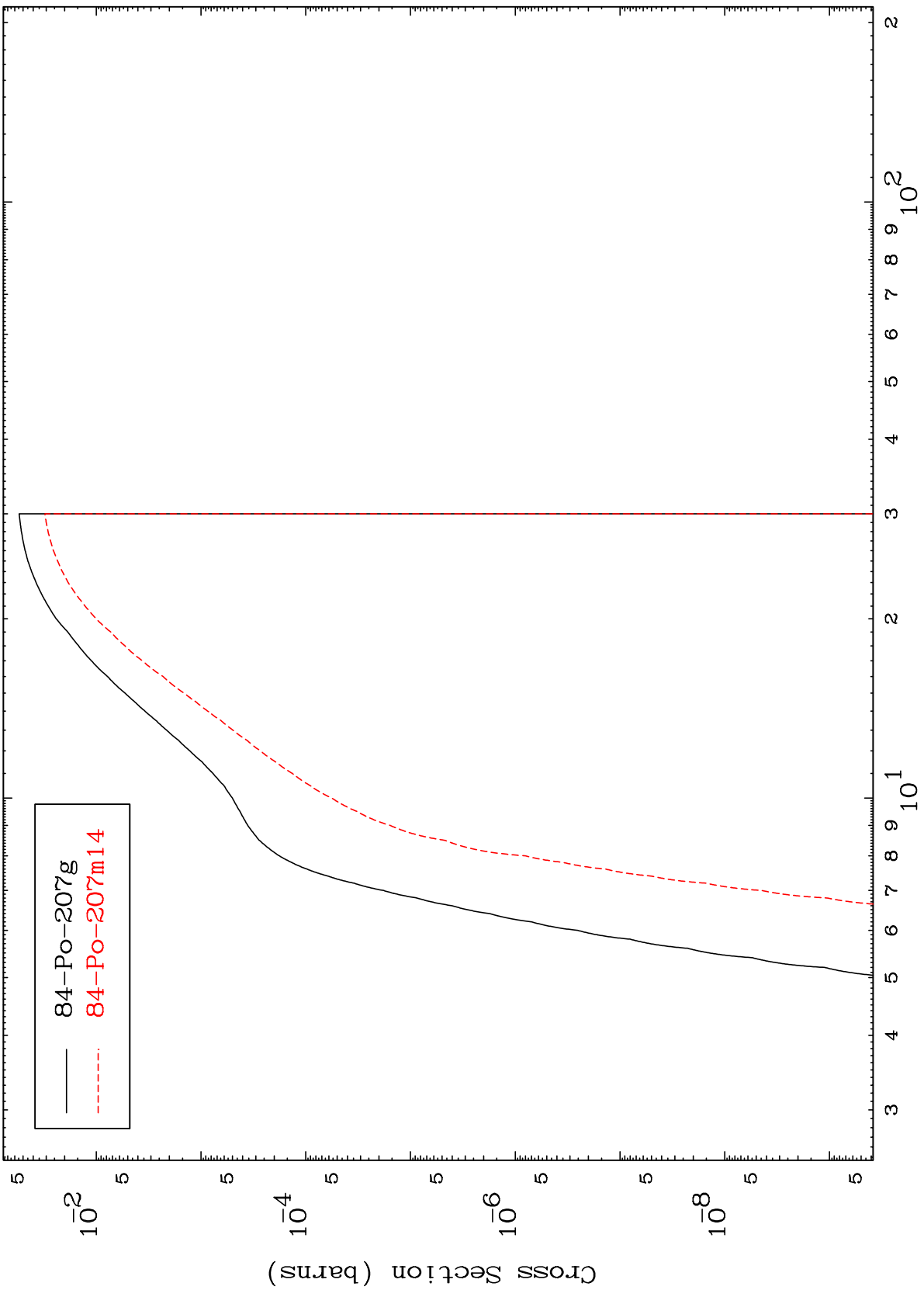
Incident Energy (MeV)

85-At-208

MAT 8540

85-At-208

(n,n') p
Radionuclide Production Cross Section



106

Incident Energy (MeV)

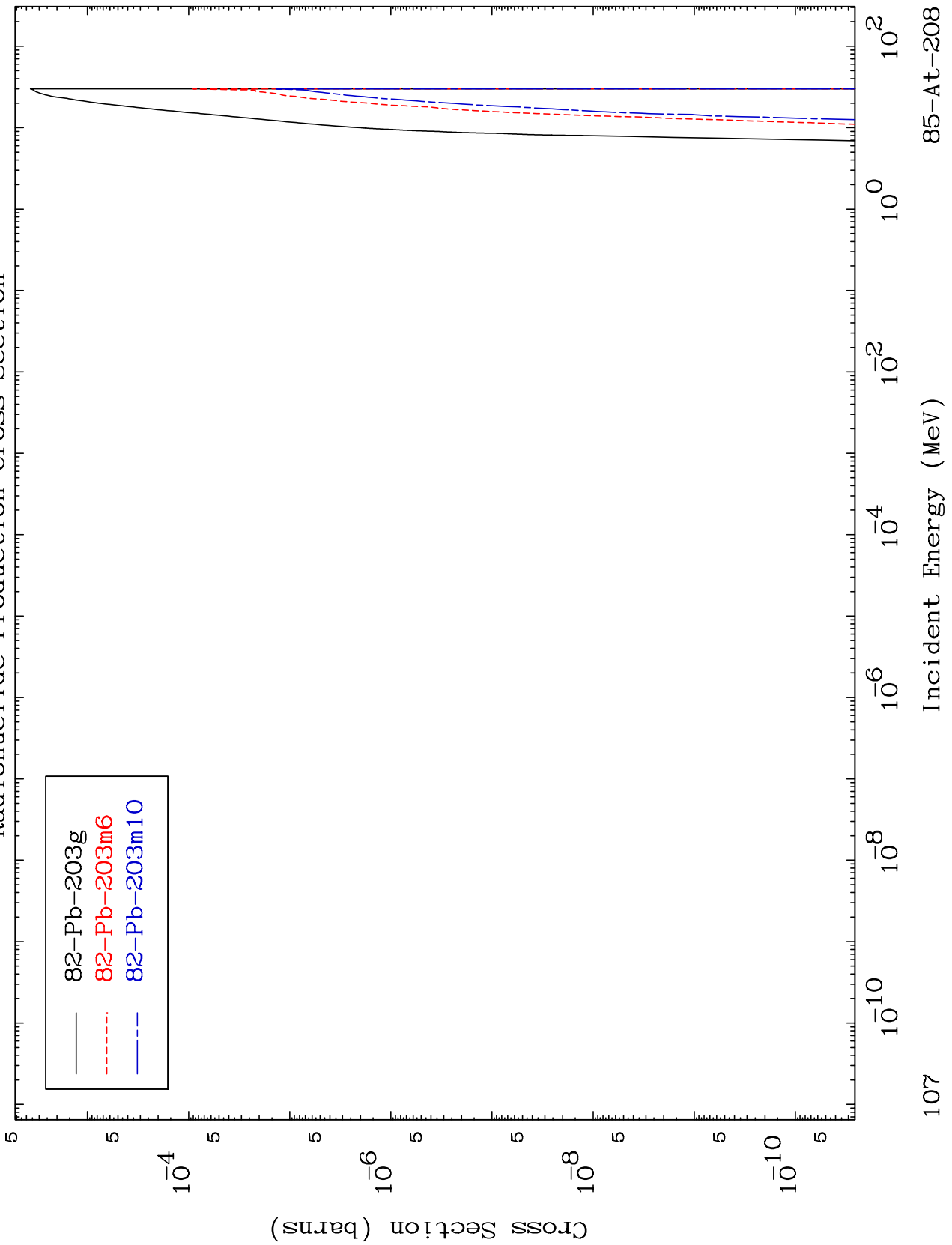
85-At-208

MAT 8540

(n,n') p α

85-At-208

Radionuclide Production Cross Section



107

Incident Energy (MeV)

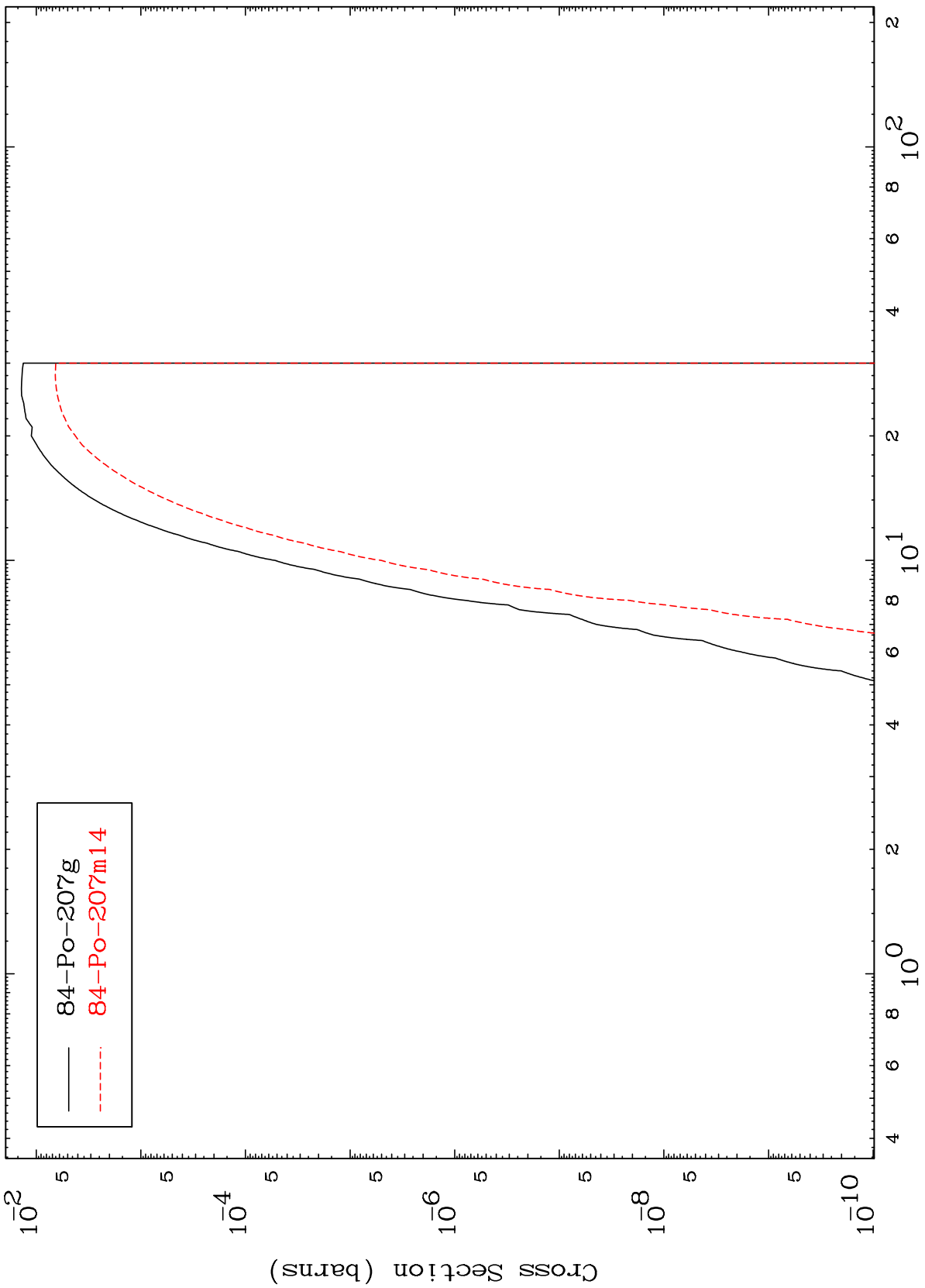
85-At-208

MAT 8540

(n,d)

85-At-208

Radionuclide Production Cross Section



84-Po-207g
84-Po-207m14

108

Incident Energy (MeV)

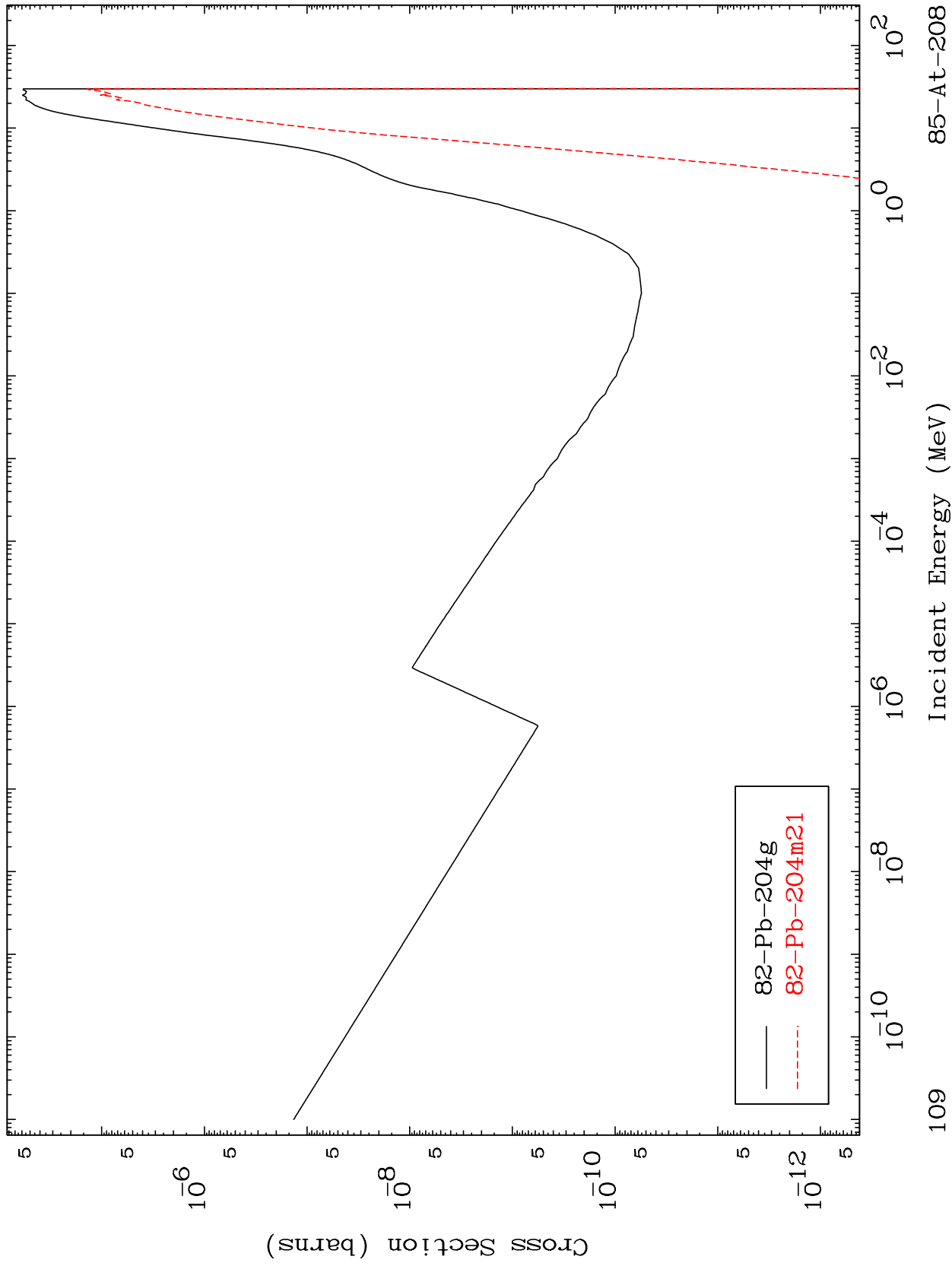
85-At-208

MAT 8540

(n,p) α

85-At-208

Radionuclide Production Cross Section



109

Incident Energy (MeV)

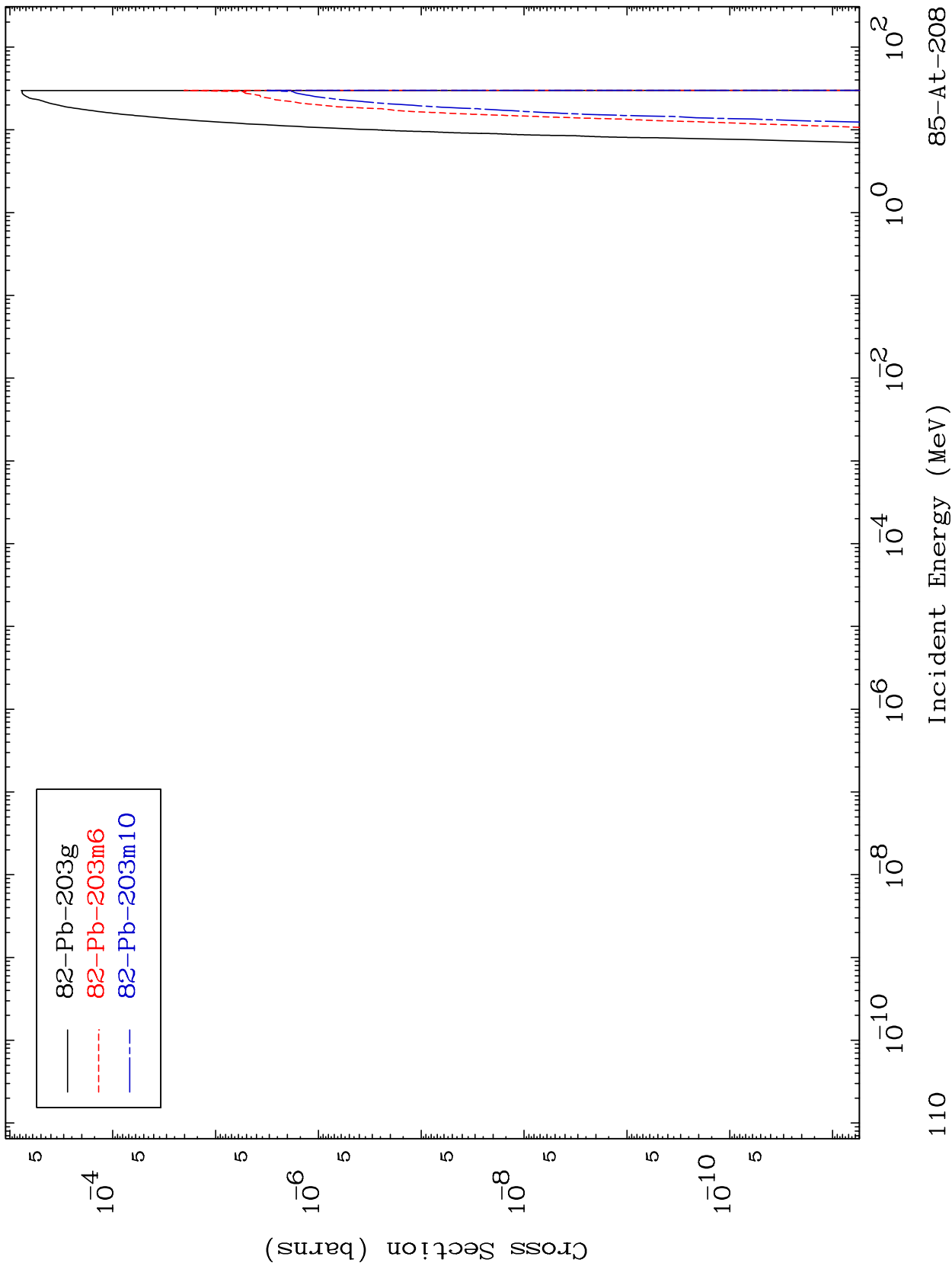
85-At-208

MAT 8540

(n,d) α

85-At-208

Radionuclide Production Cross Section



110

Incident Energy (MeV)

85-At-208