

Program EVALPLOT
(Version 2015-2)

by

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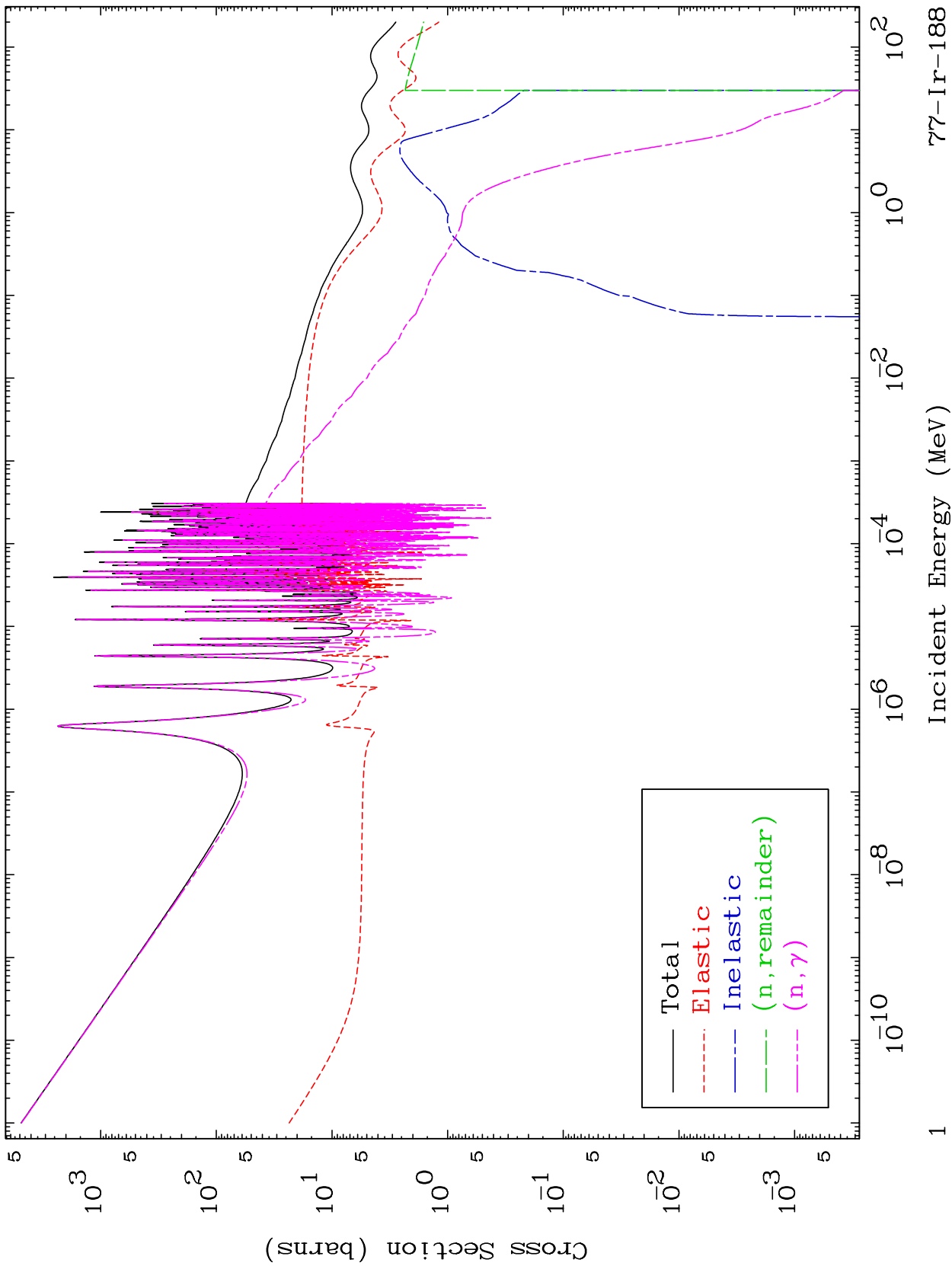
Press Mouse Button to Start

MAT 7716

Major

293 Kelvin Cross Sections

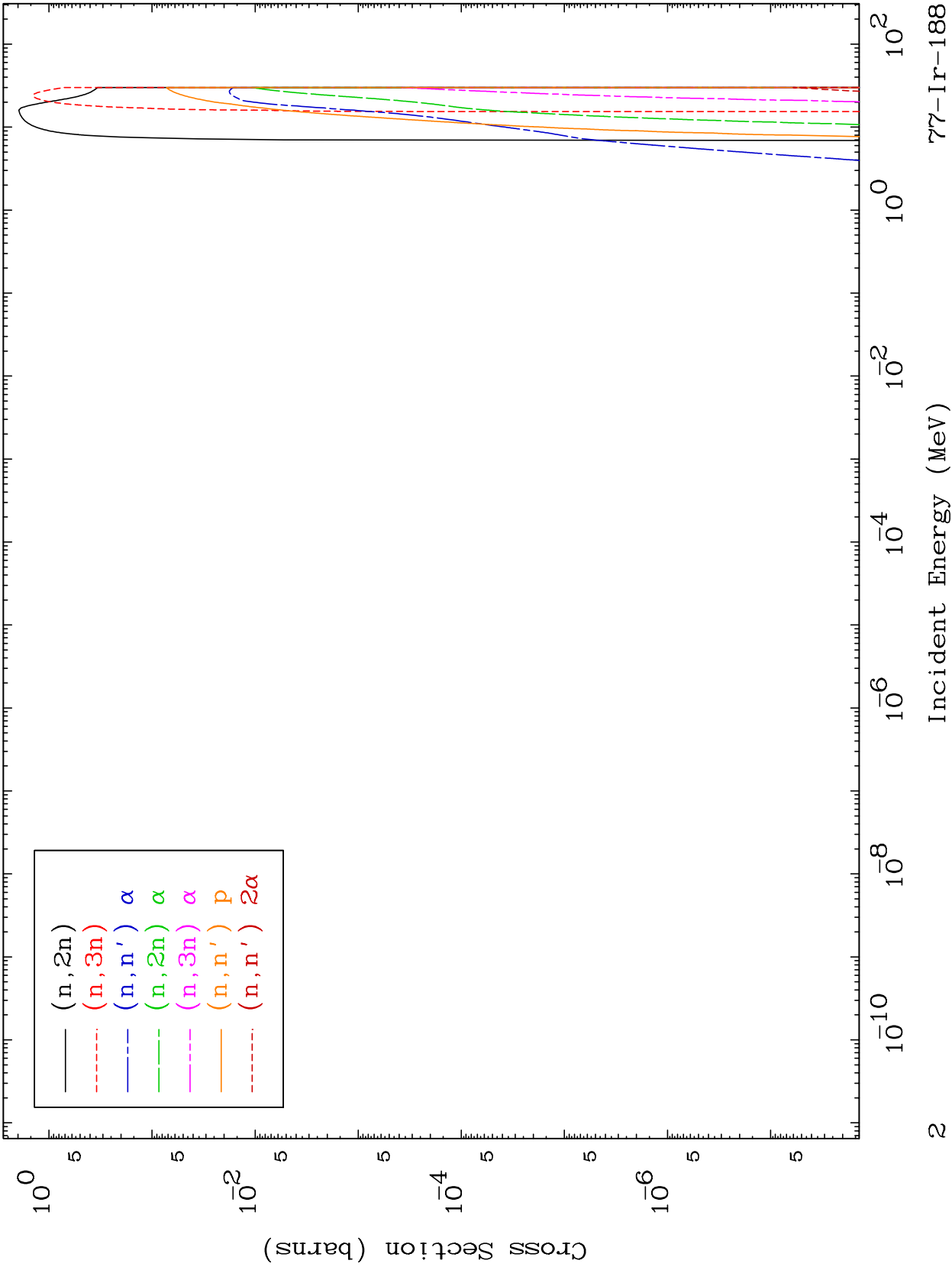
77-Ir-188



MAT 7716

Neutron Production
293 Kelvin Cross Sections

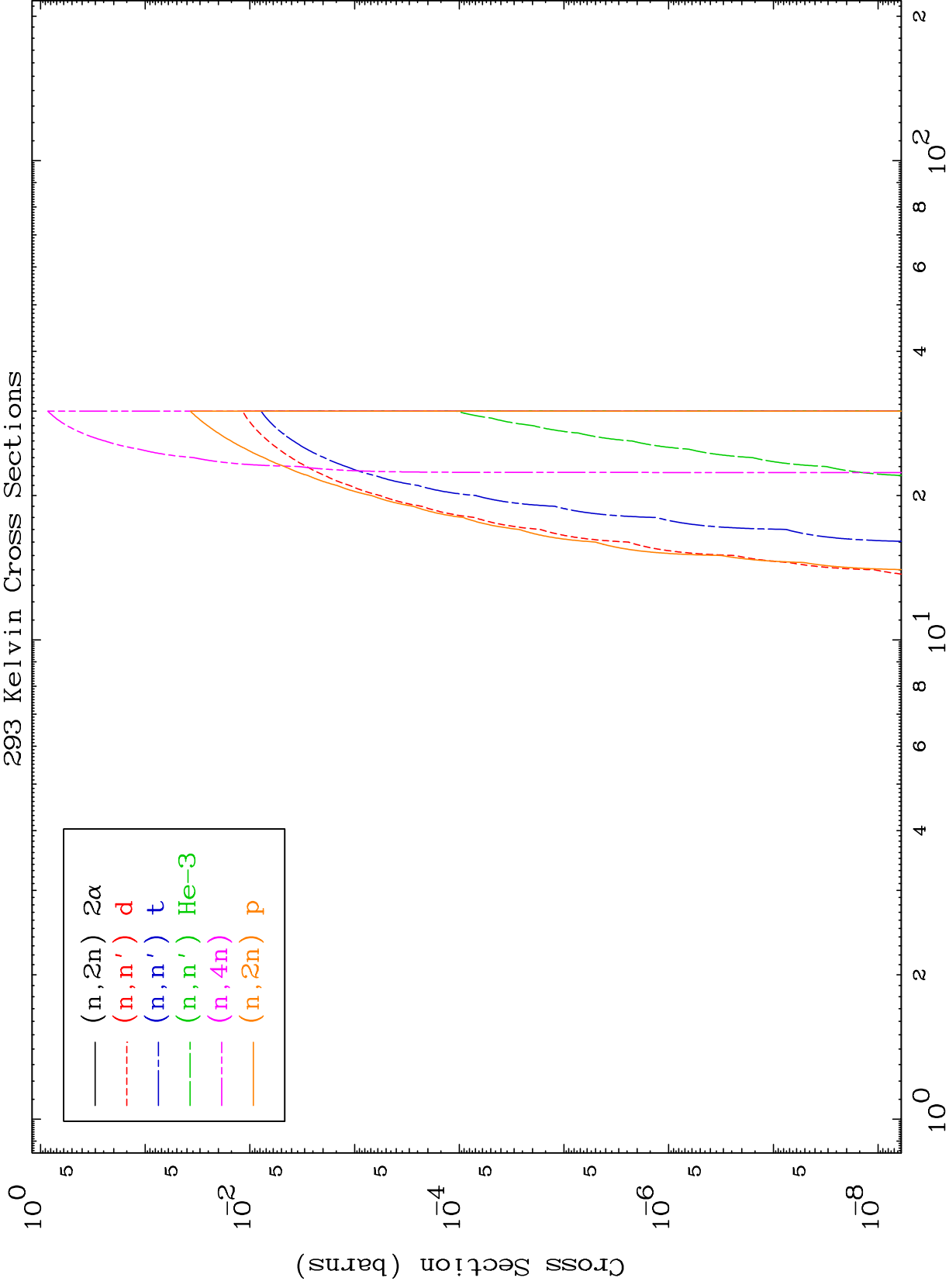
77-Ir-188



MAT 7716

Neutron Production
293 Kelvin Cross Sections

77-Ir-188



Incident Energy (MeV)

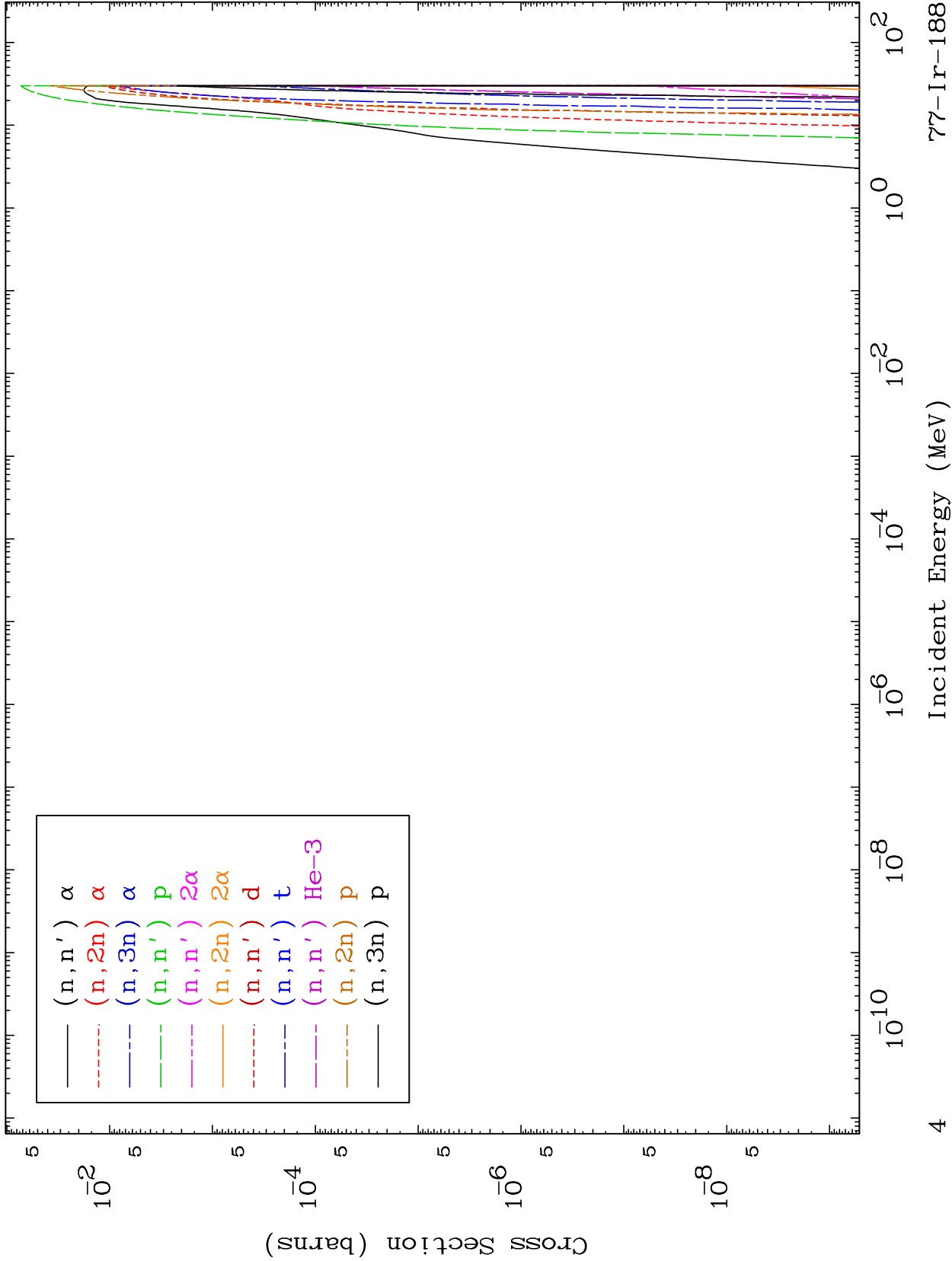
77-Ir-188

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MAT 7716

Charged Particle
293 Kelvin Cross Sections

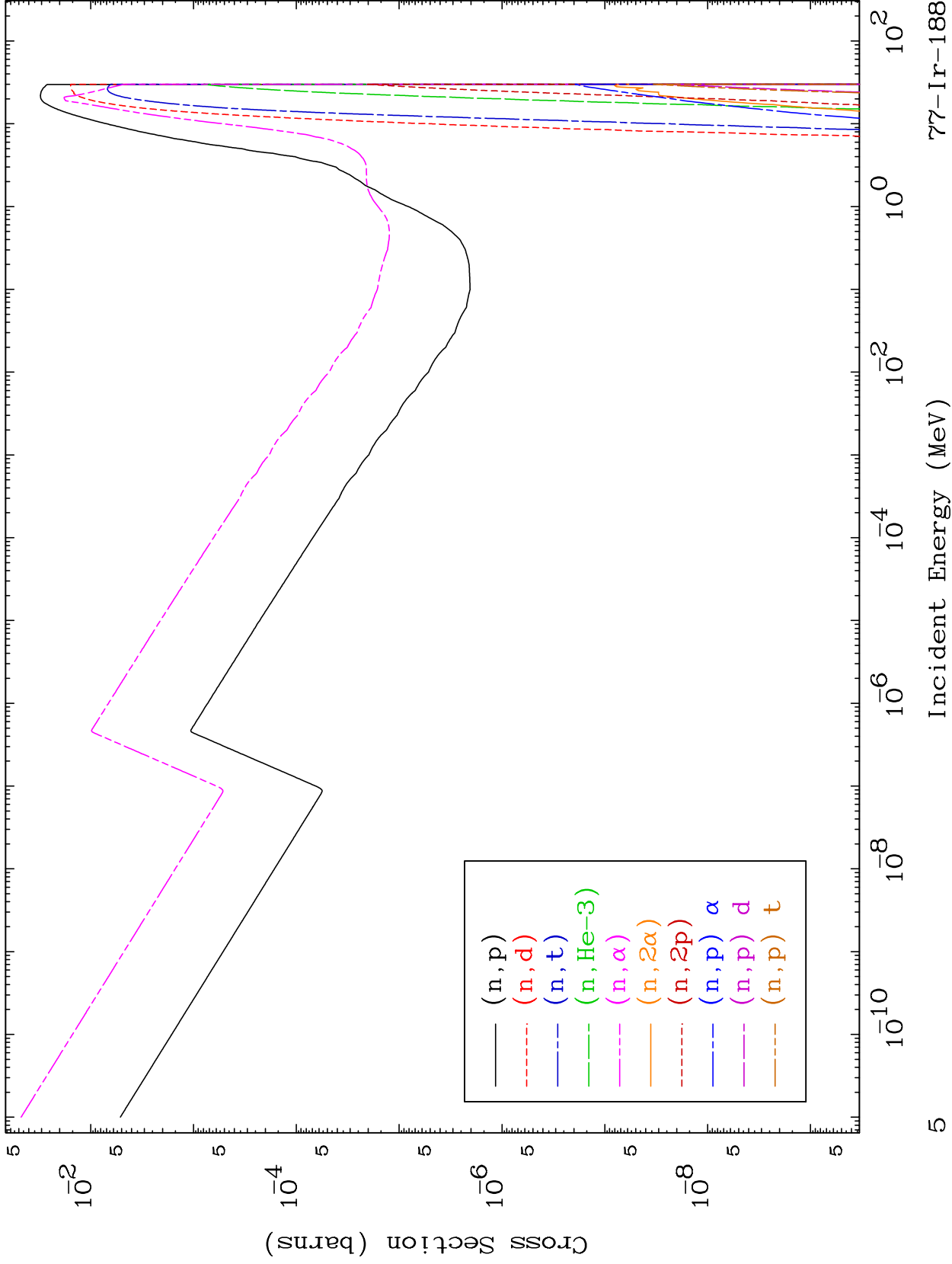
77-Ir-188

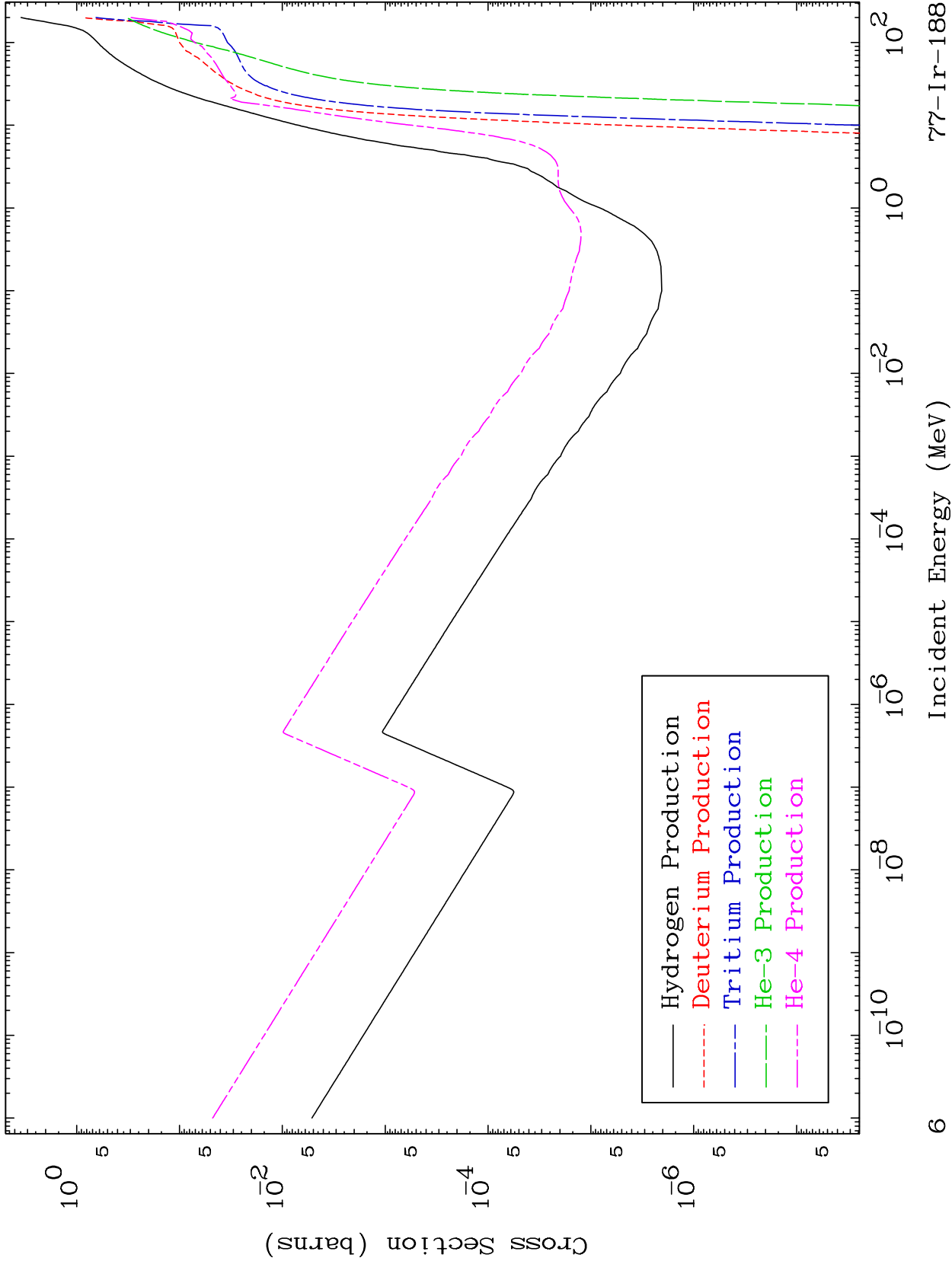


MAT 7716

Charged Particle
293 Kelvin Cross Sections

77-Ir-188

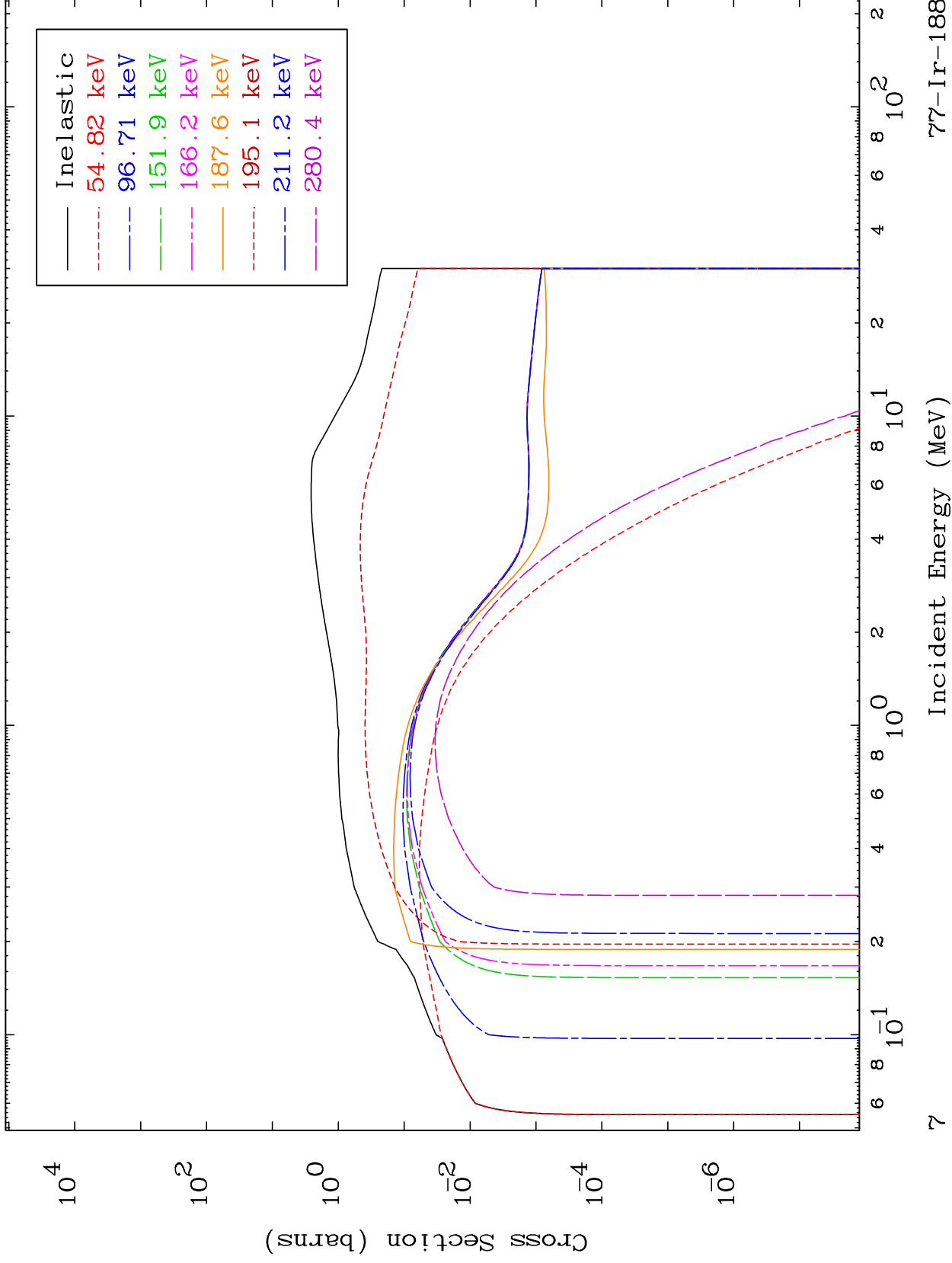




MAT 7716

(n,n') Level
293 Kelvin Cross Sections

77-Ir-188



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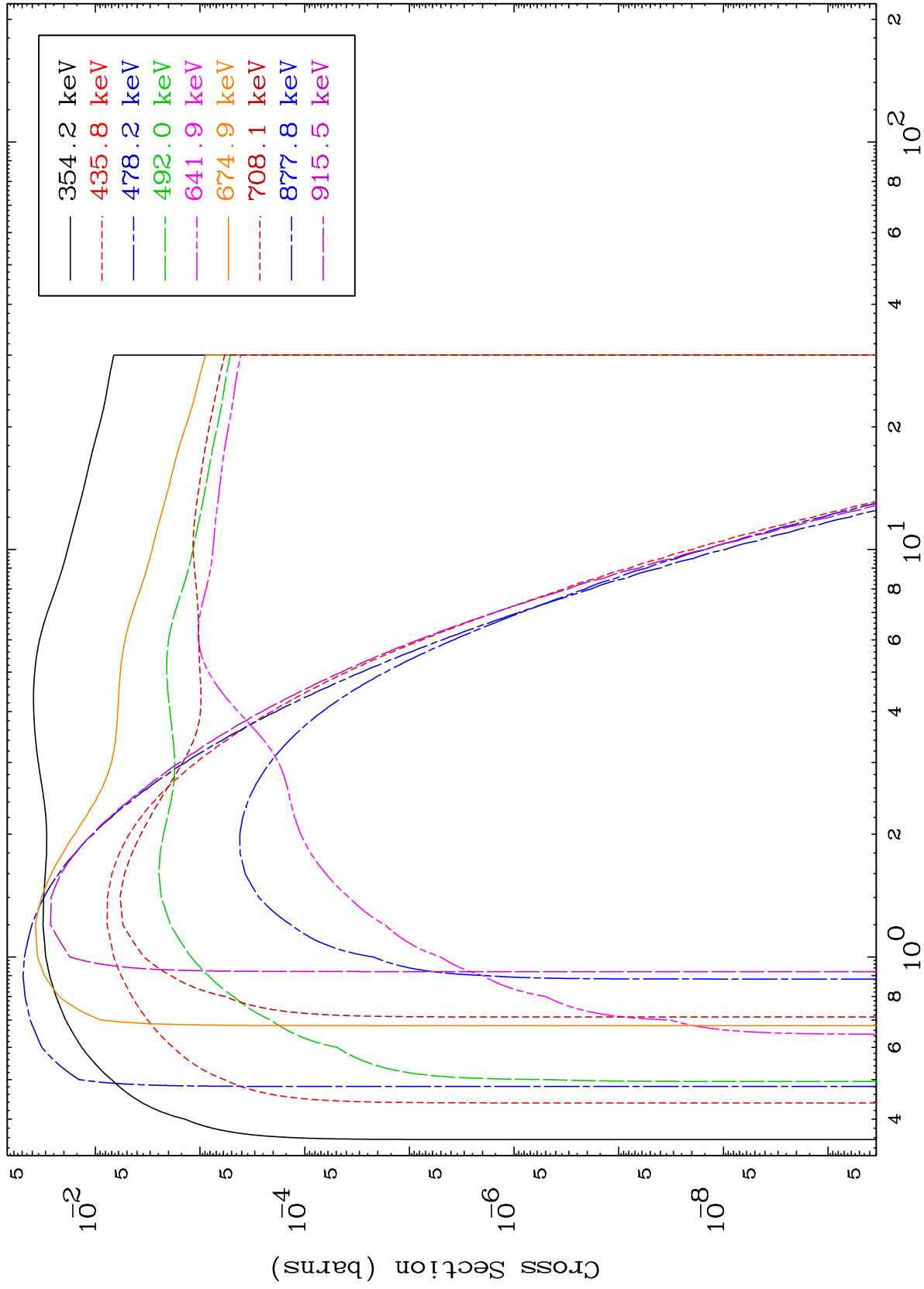
77-Ir-188

MAT 7716

(n,n') Level

77-Ir-188

293 Kelvin Cross Sections



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Incident Energy (MeV)

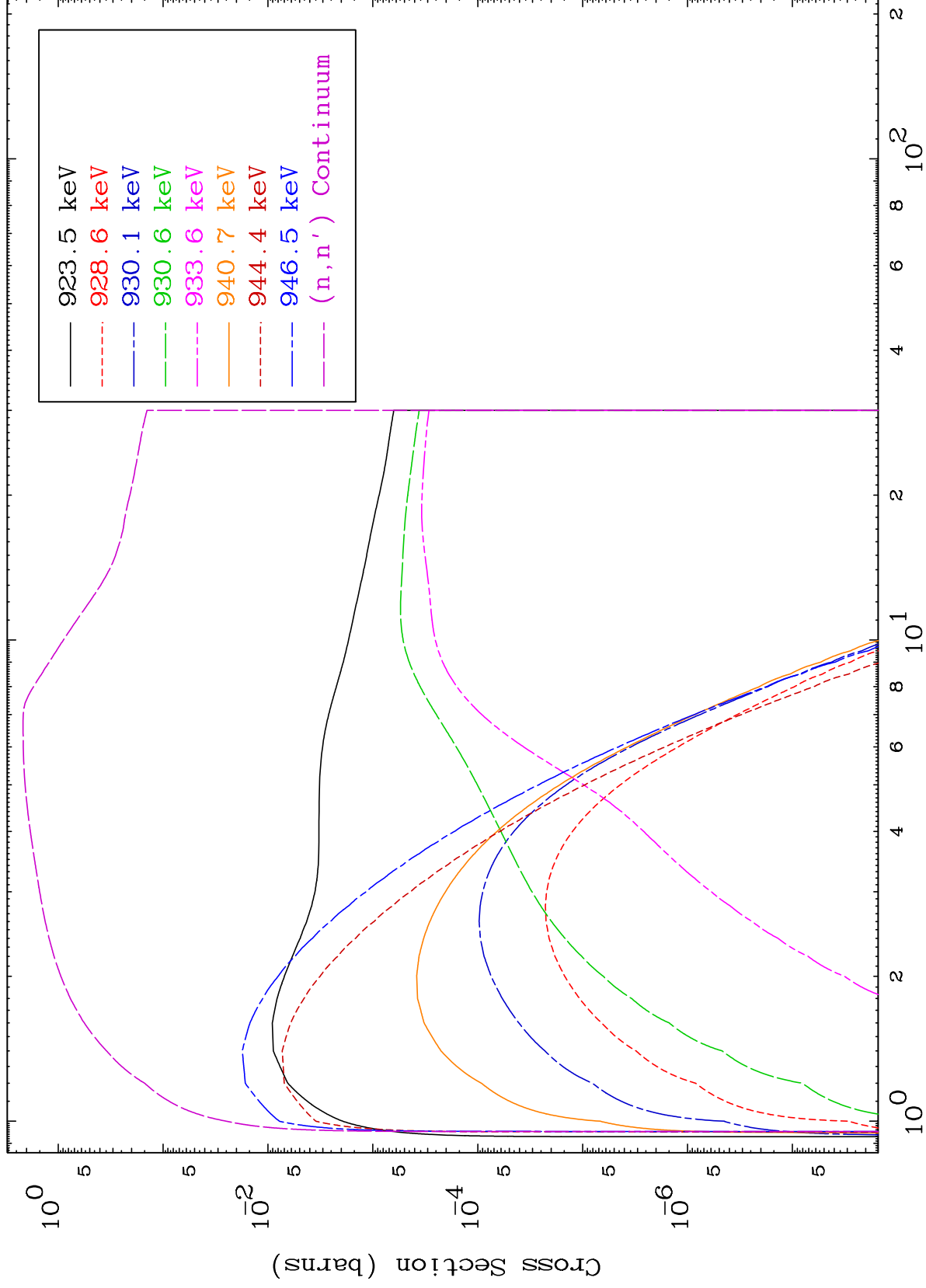
77-Ir-188

MAT 7716

(n,n') Level

77-Ir-188

293 Kelvin Cross Sections



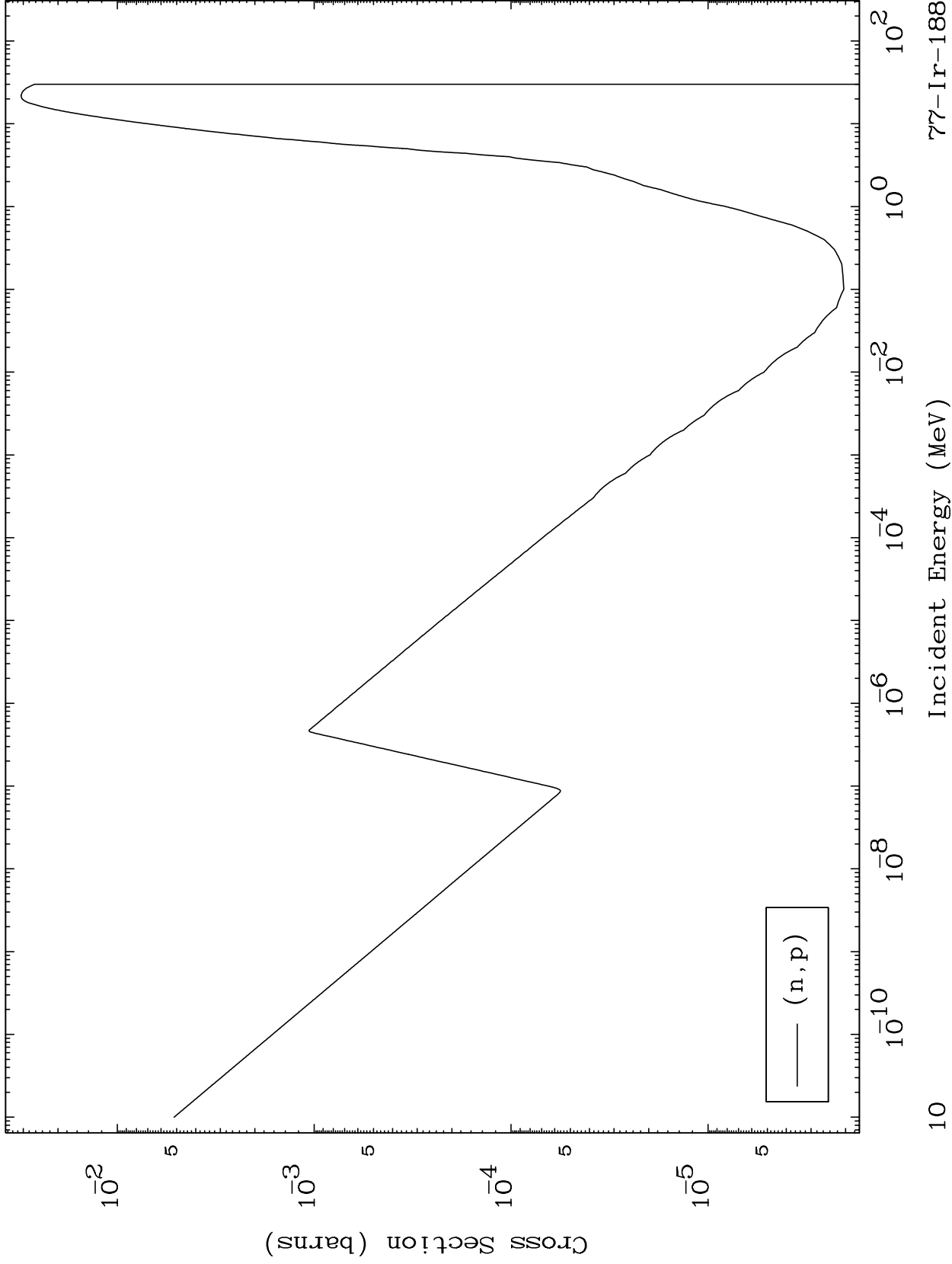
Incident Energy (MeV)

77-Ir-188

MAT 7716

(n,p) Levels
293 Kelvin Cross Sections

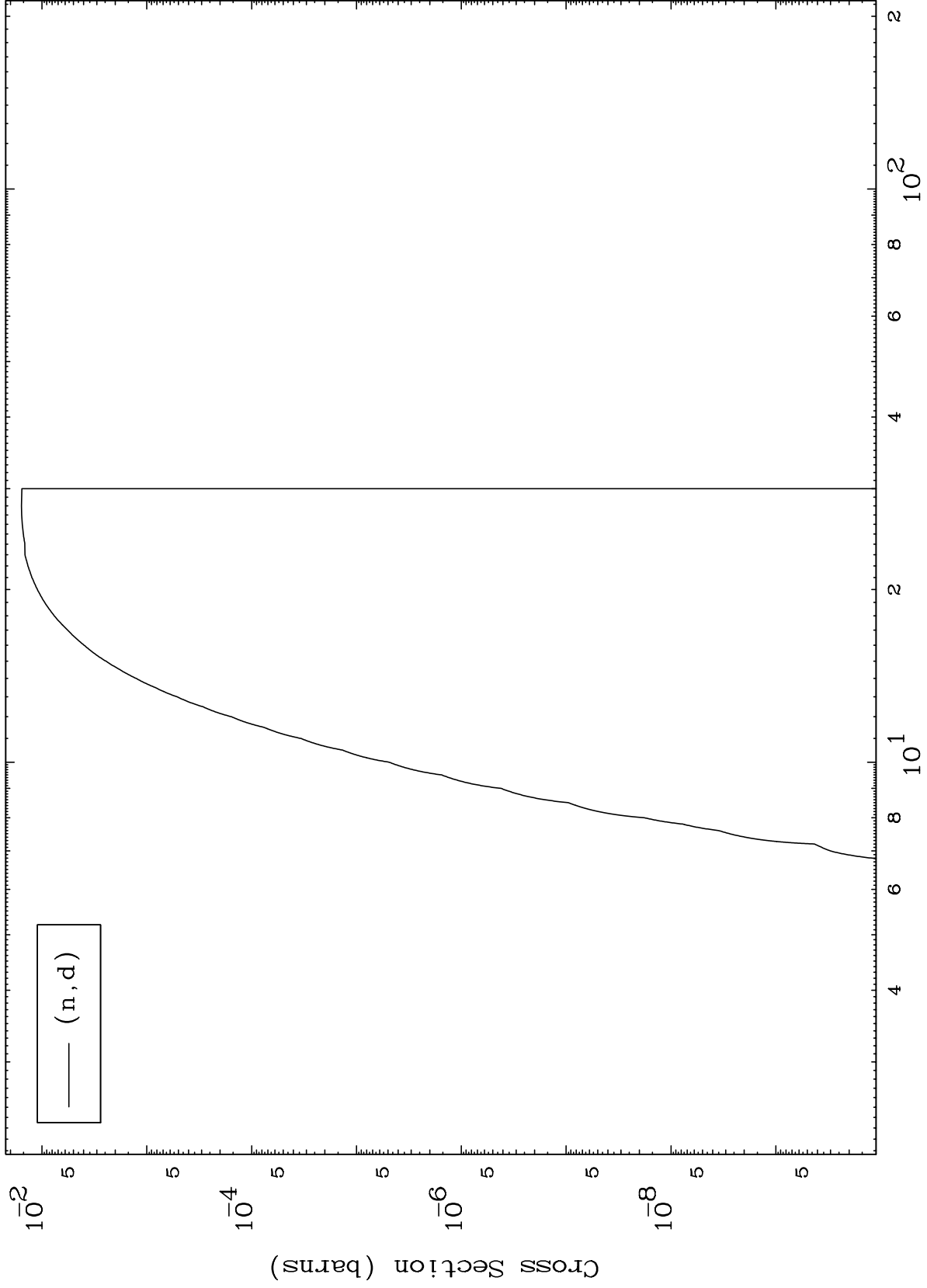
77-Ir-188



MAT 7716

(n,d) Levels
293 Kelvin Cross Sections

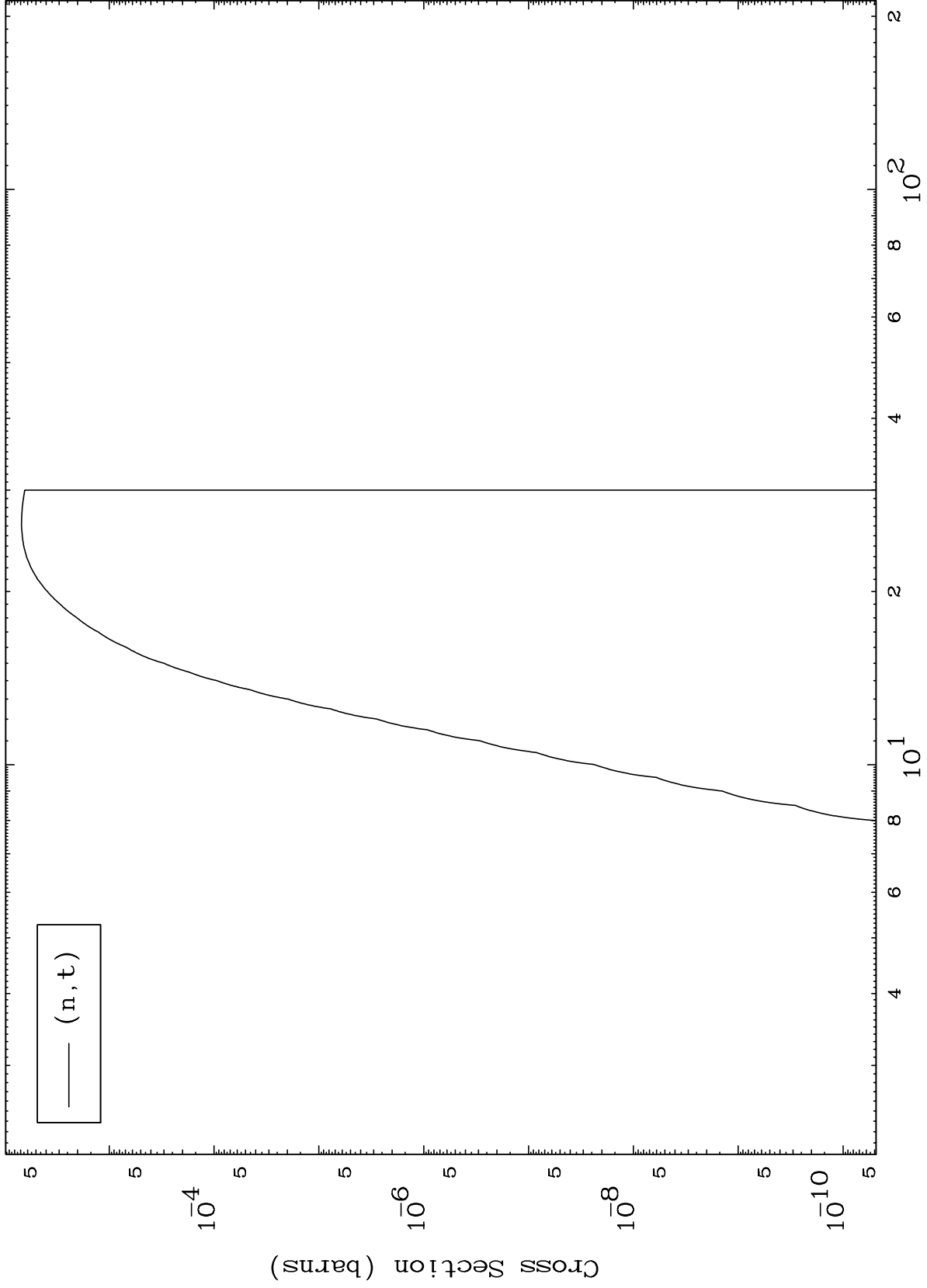
⁷⁷Ir-188



MAT 7716

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-188



12

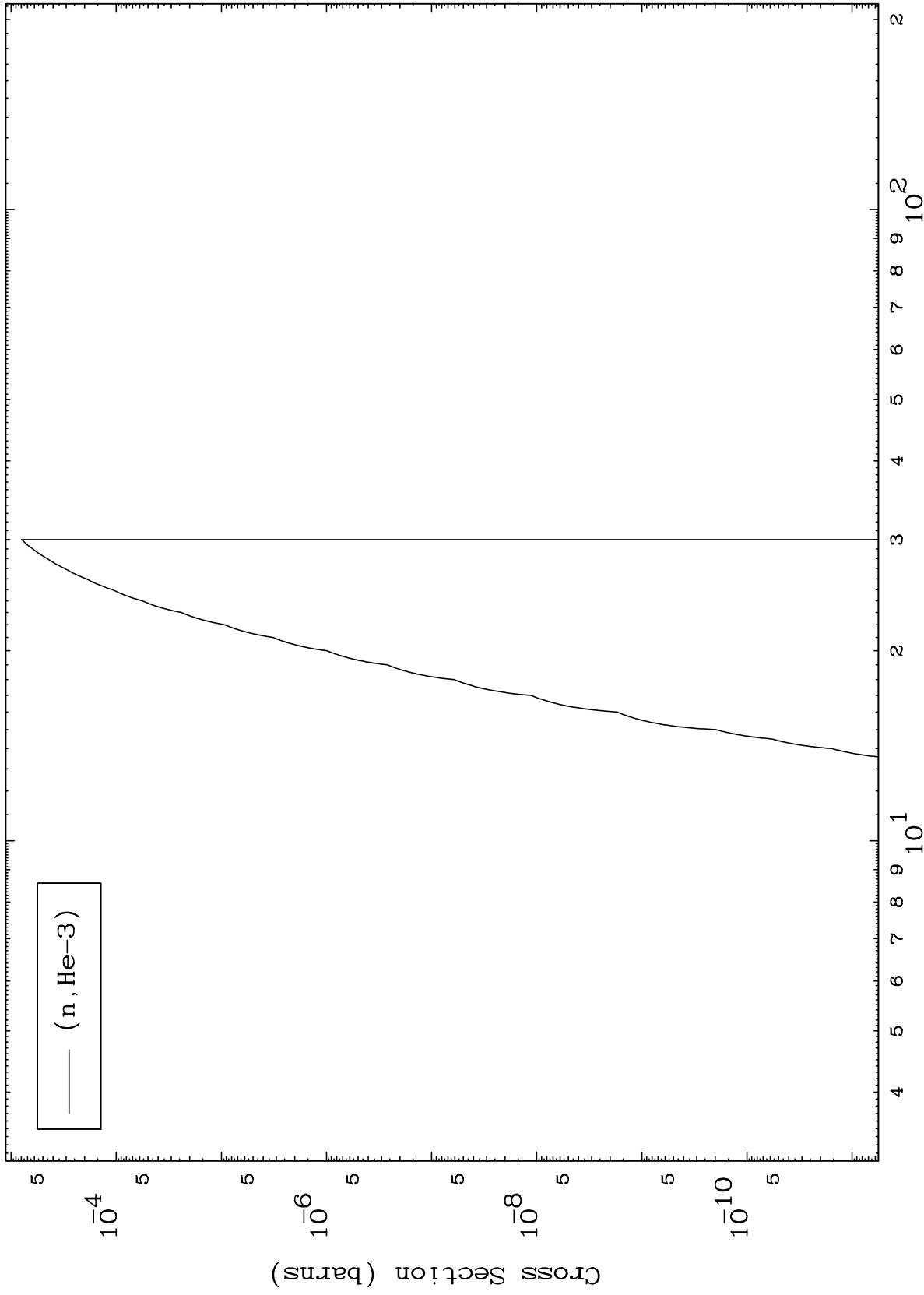
Incident Energy (MeV)

77-Ir-188

MAT 7716

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-188



13

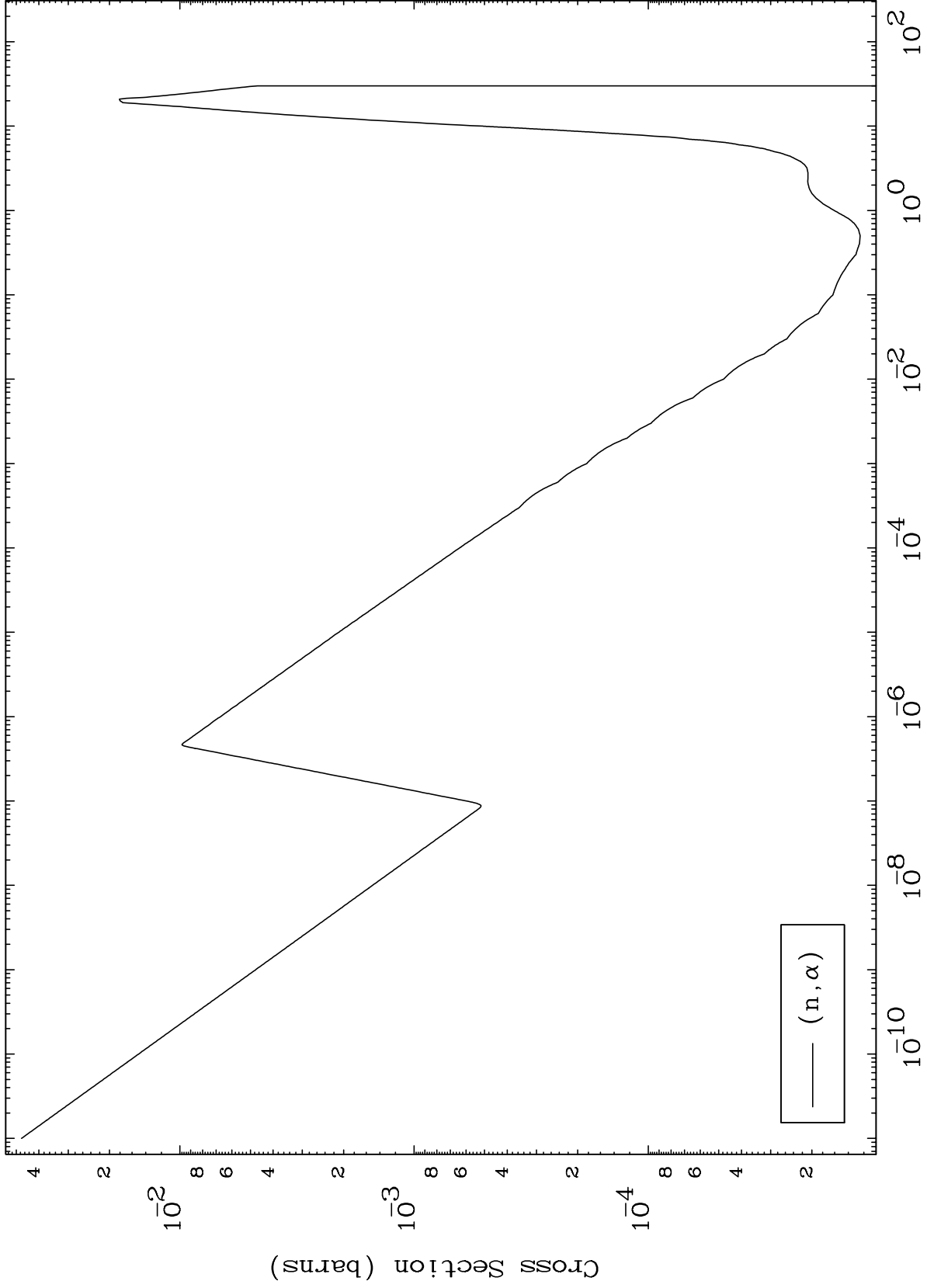
Incident Energy (MeV)

77-Ir-188

MAT 7716

(n,α) Levels
293 Kelvin Cross Sections

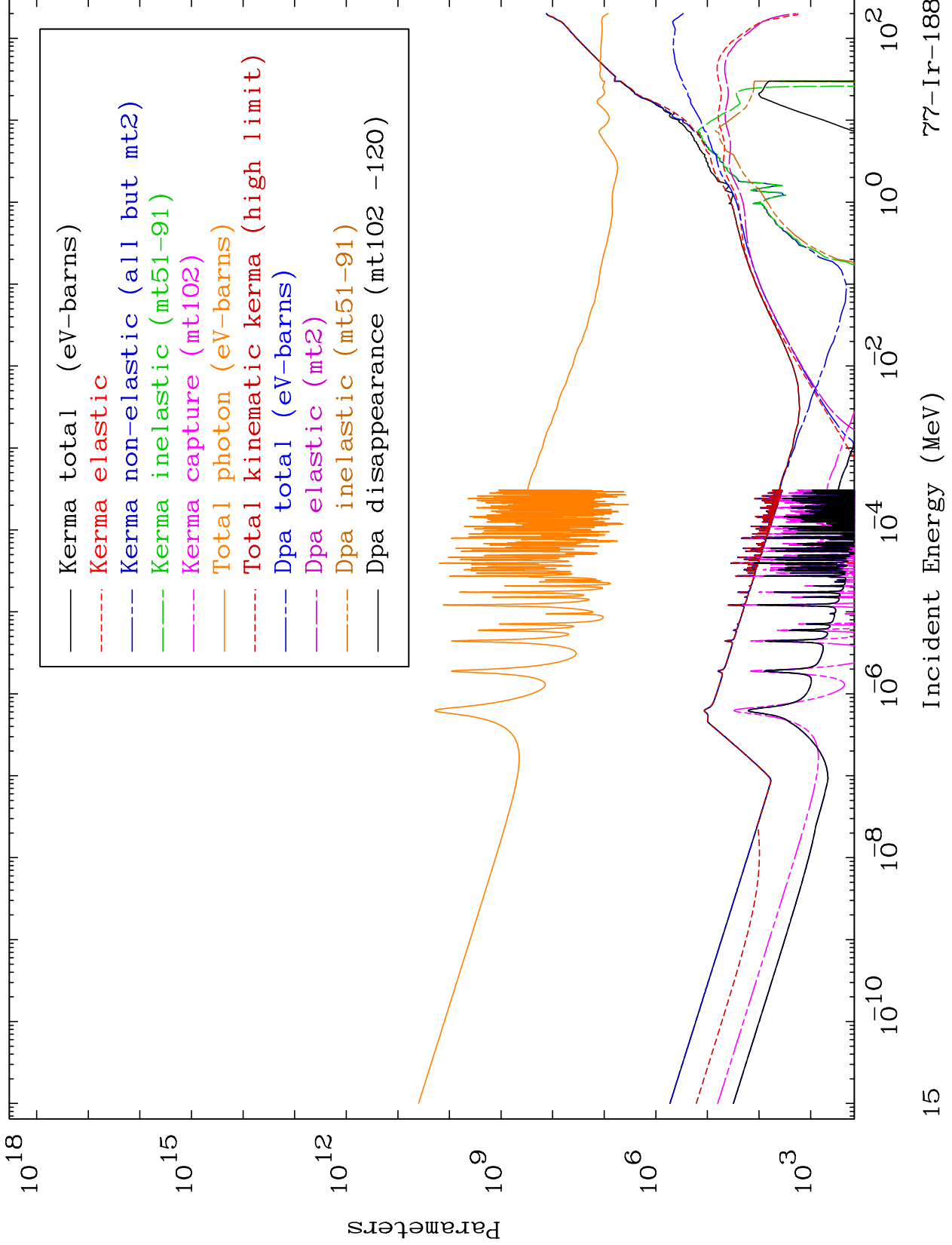
77-Ir-188

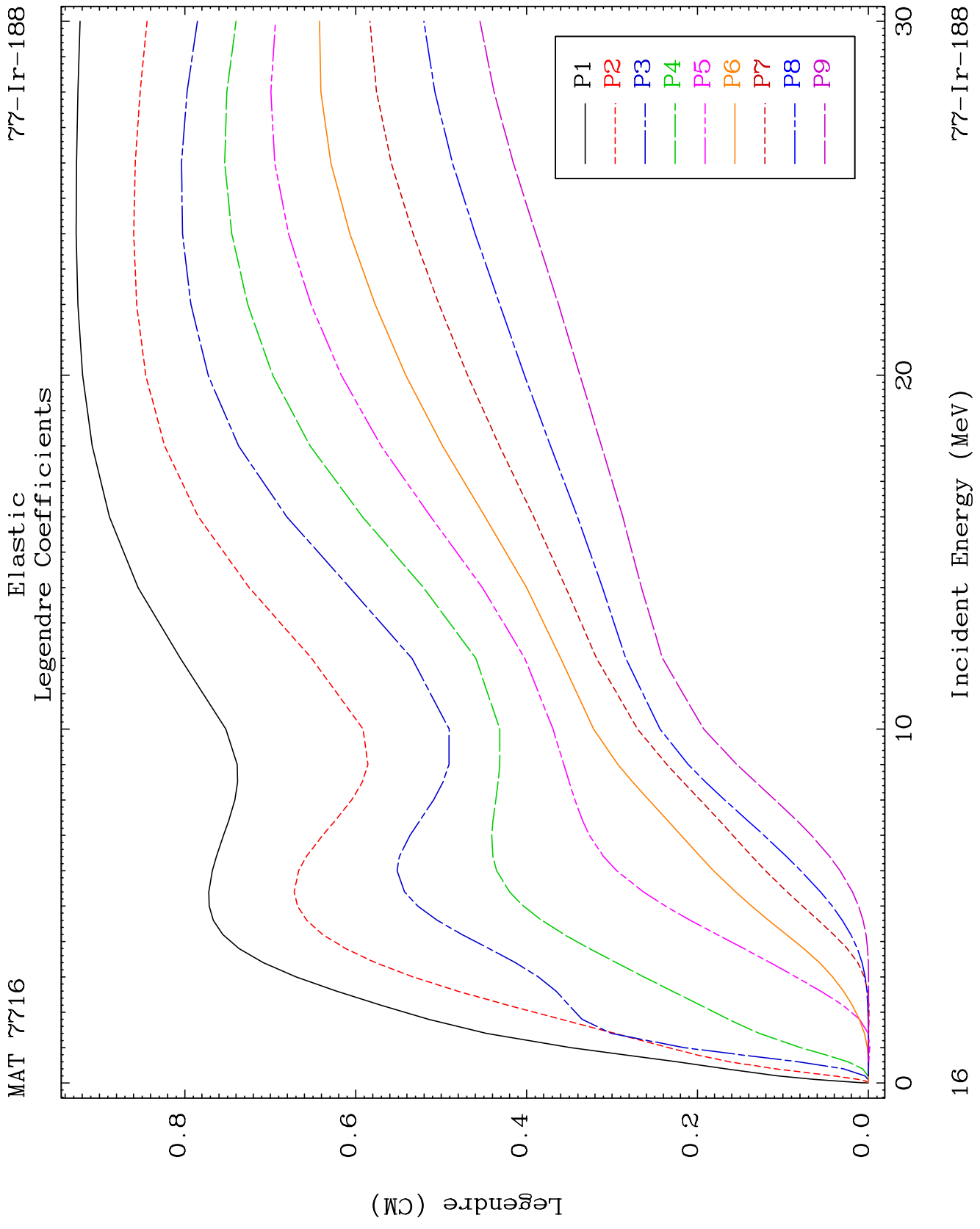


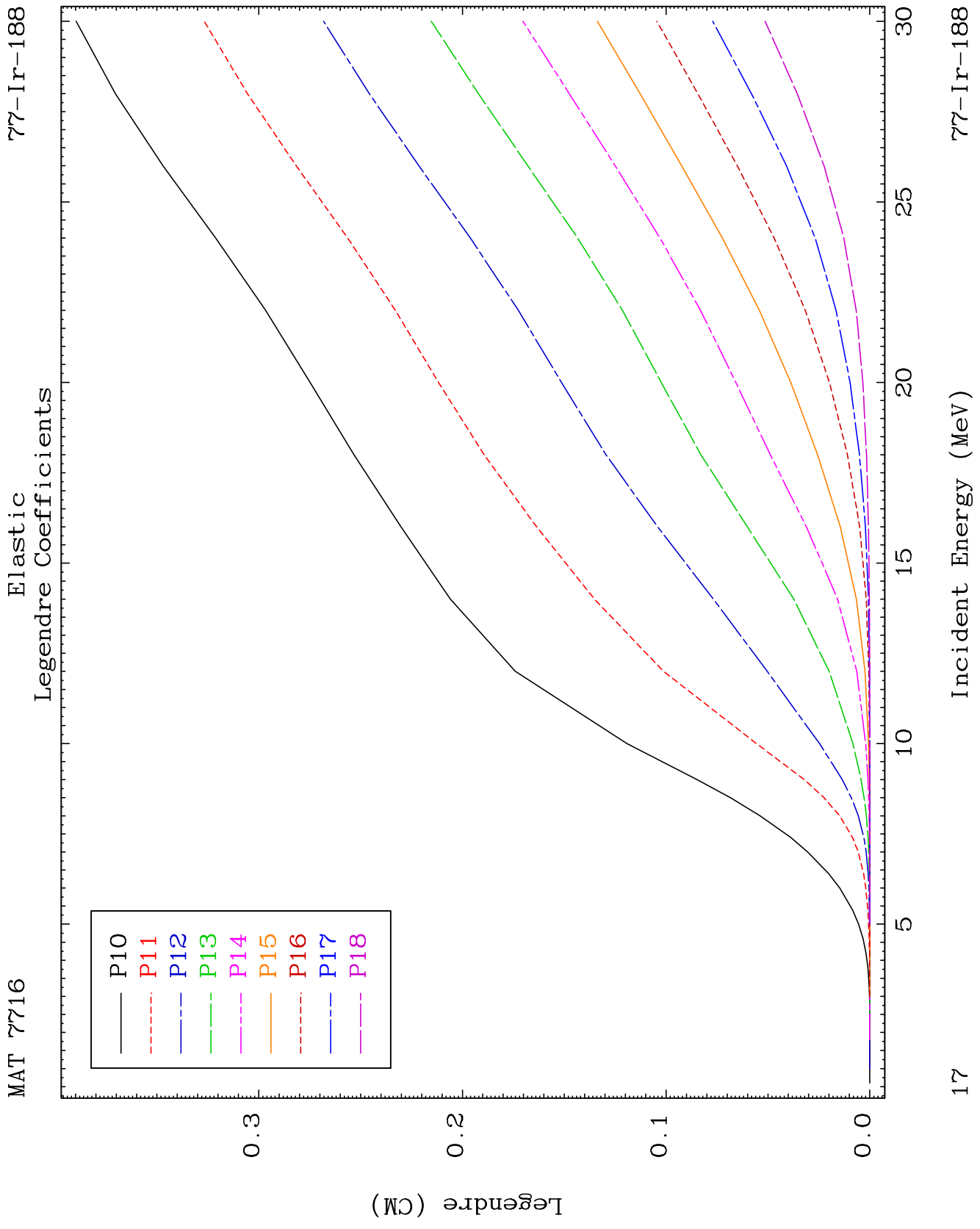
14

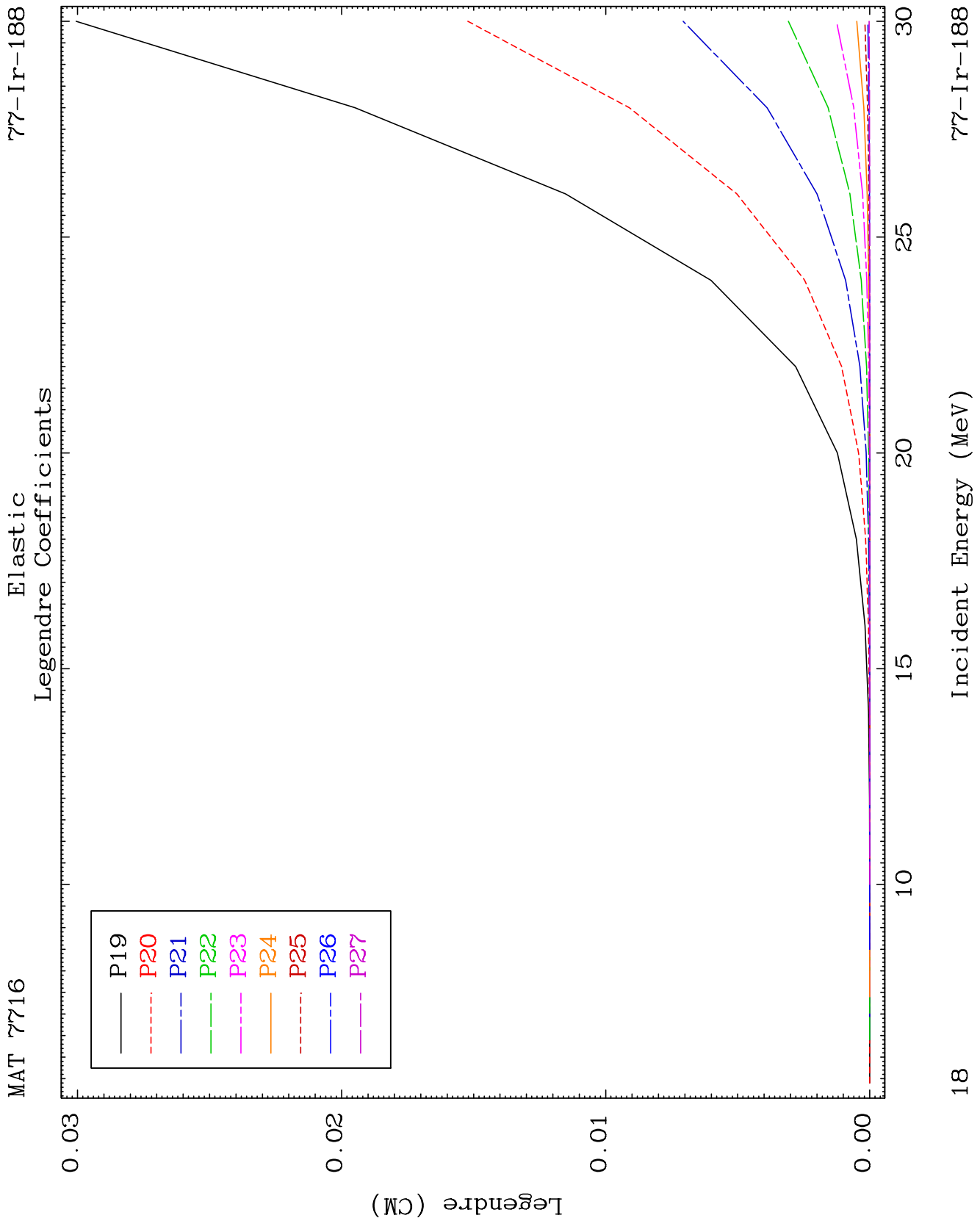
Incident Energy (MeV)

77-Ir-188





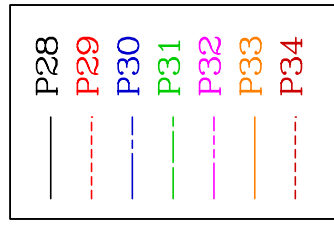




MAT 7716

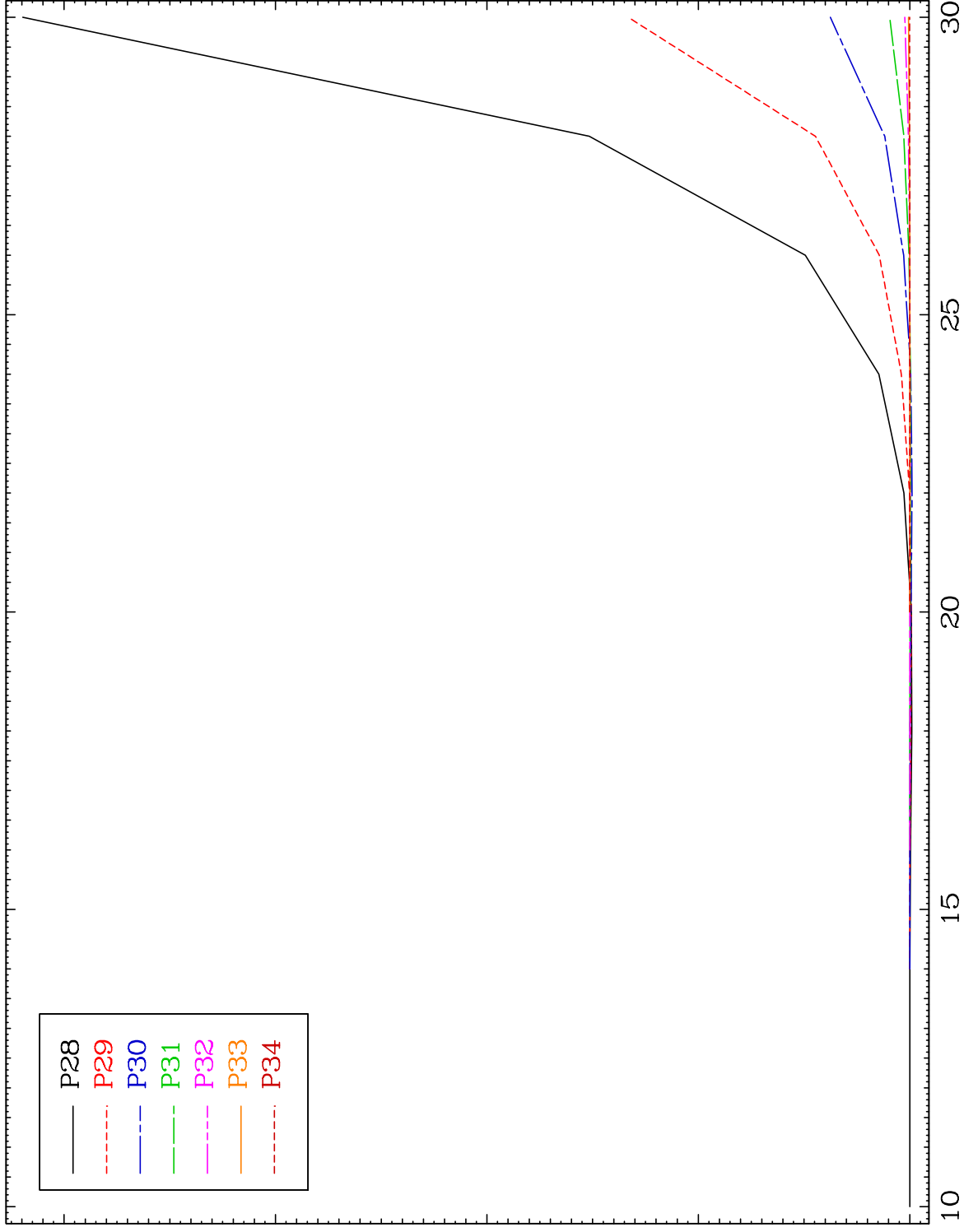
Elastic
Legendre Coefficients

77-Ir-188



$\times 10^{-68}$

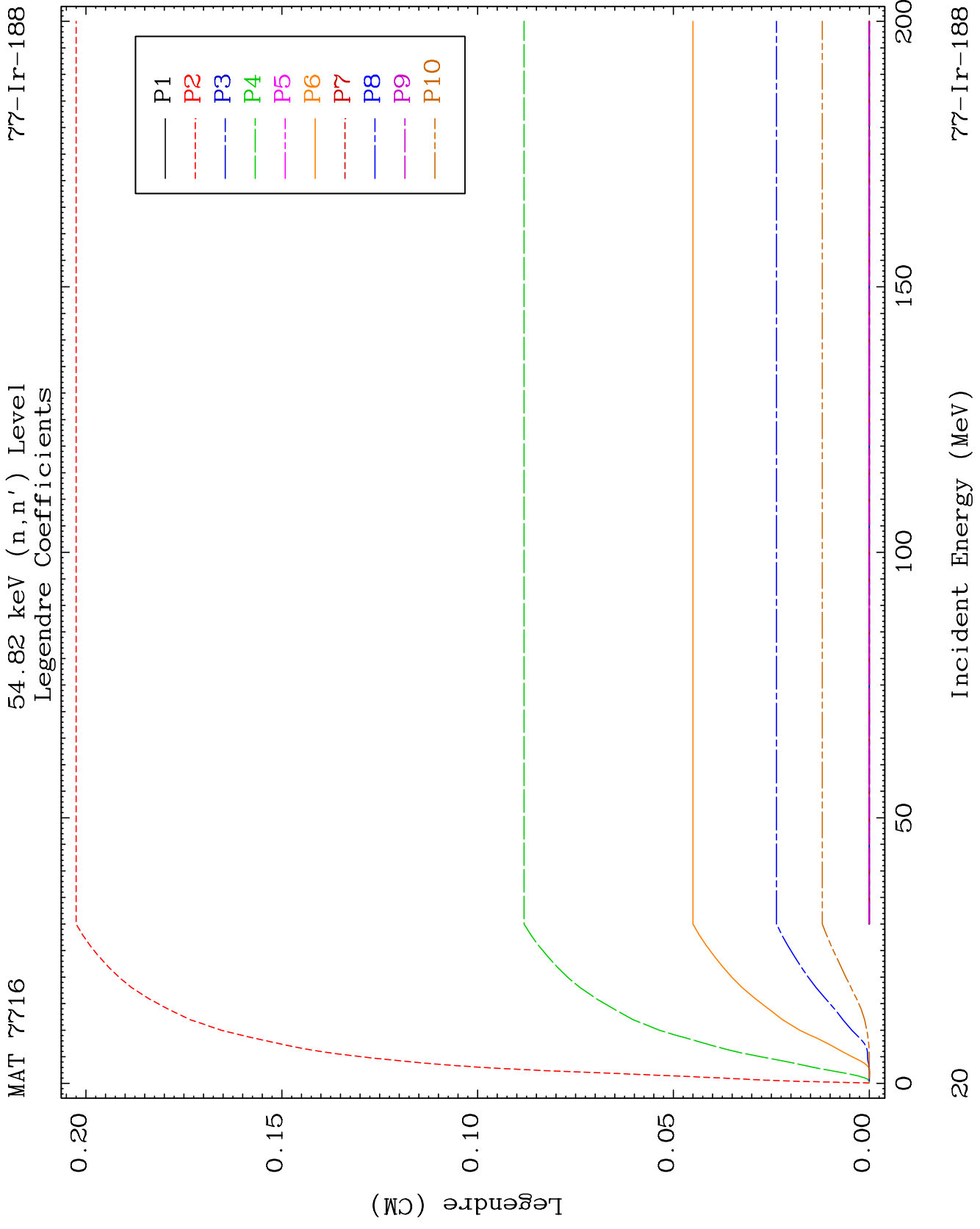
Legendre (CM)



10

Incident Energy (MeV)

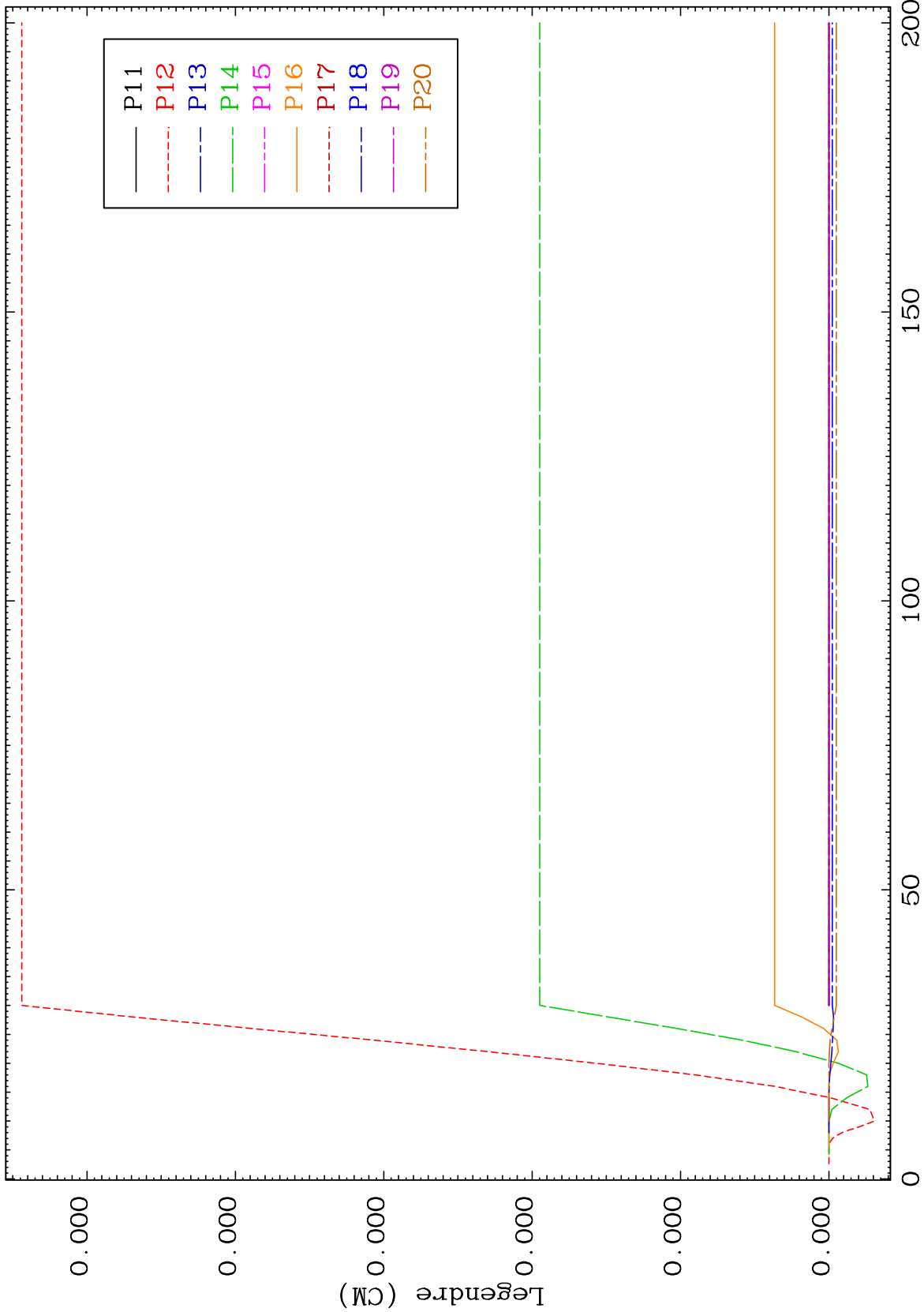
77-Ir-188



MAT 7716

54.82 keV (n,n') Level
Legendre Coefficients

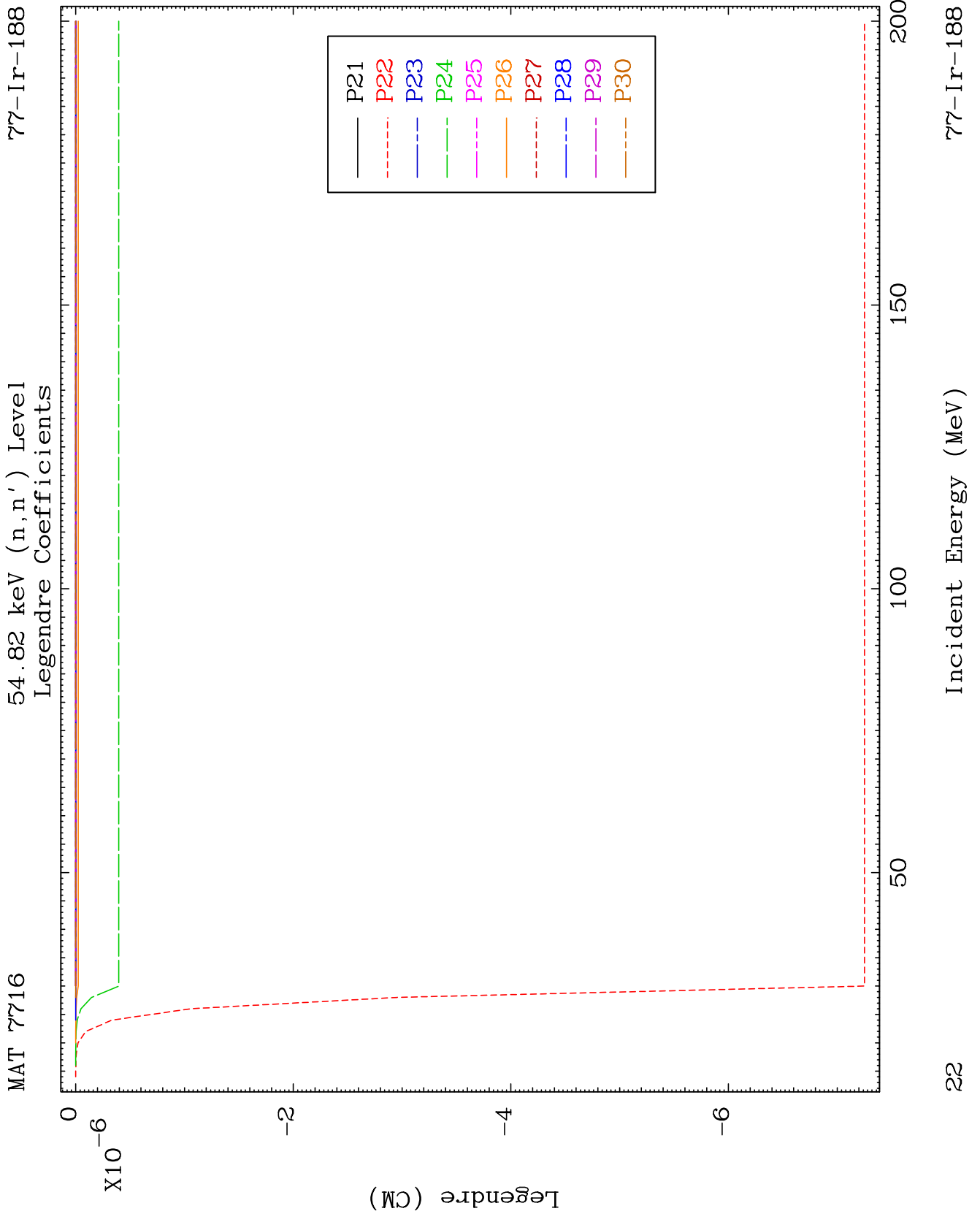
77-Ir-188

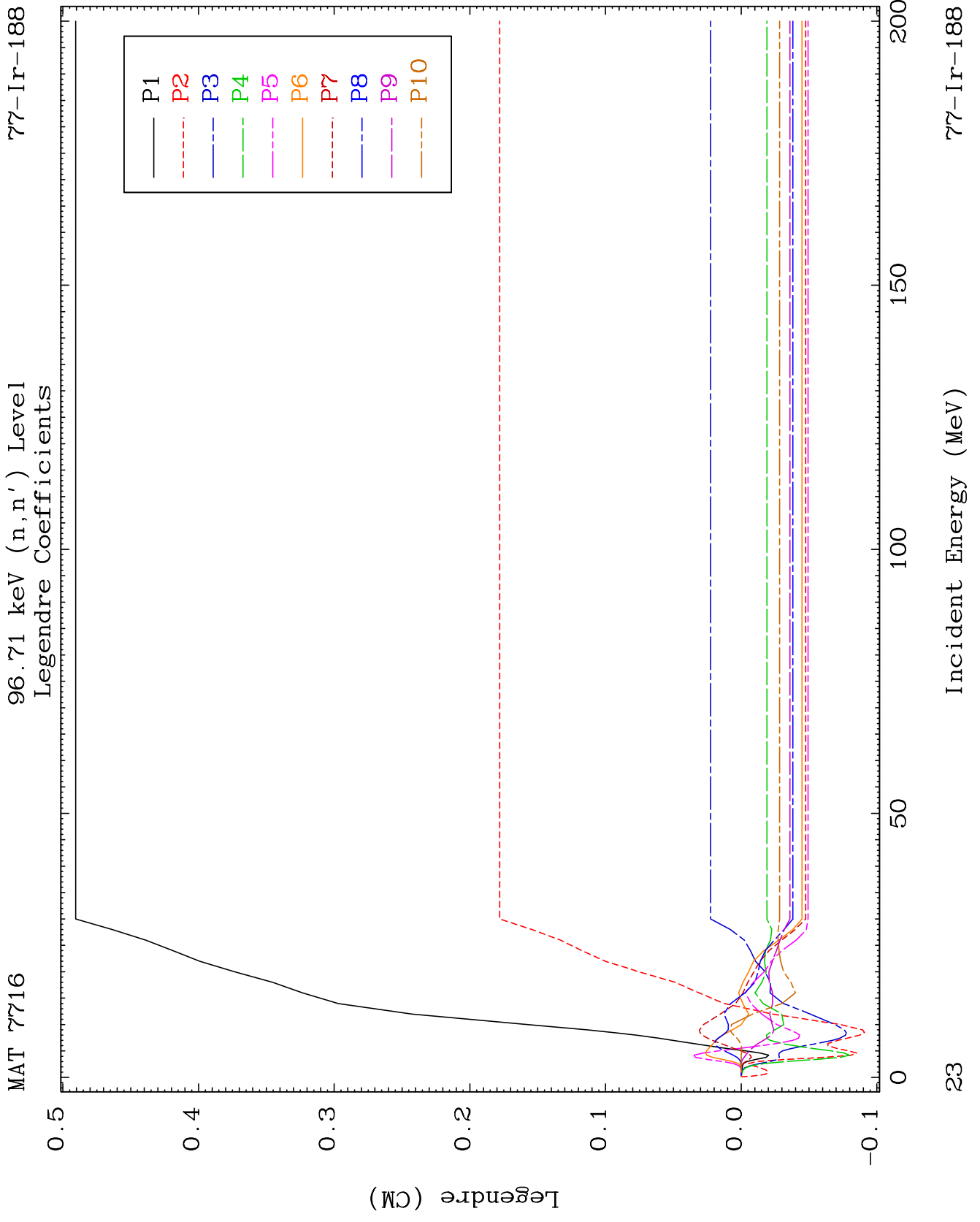


21

Incident Energy (MeV)

77-Ir-188

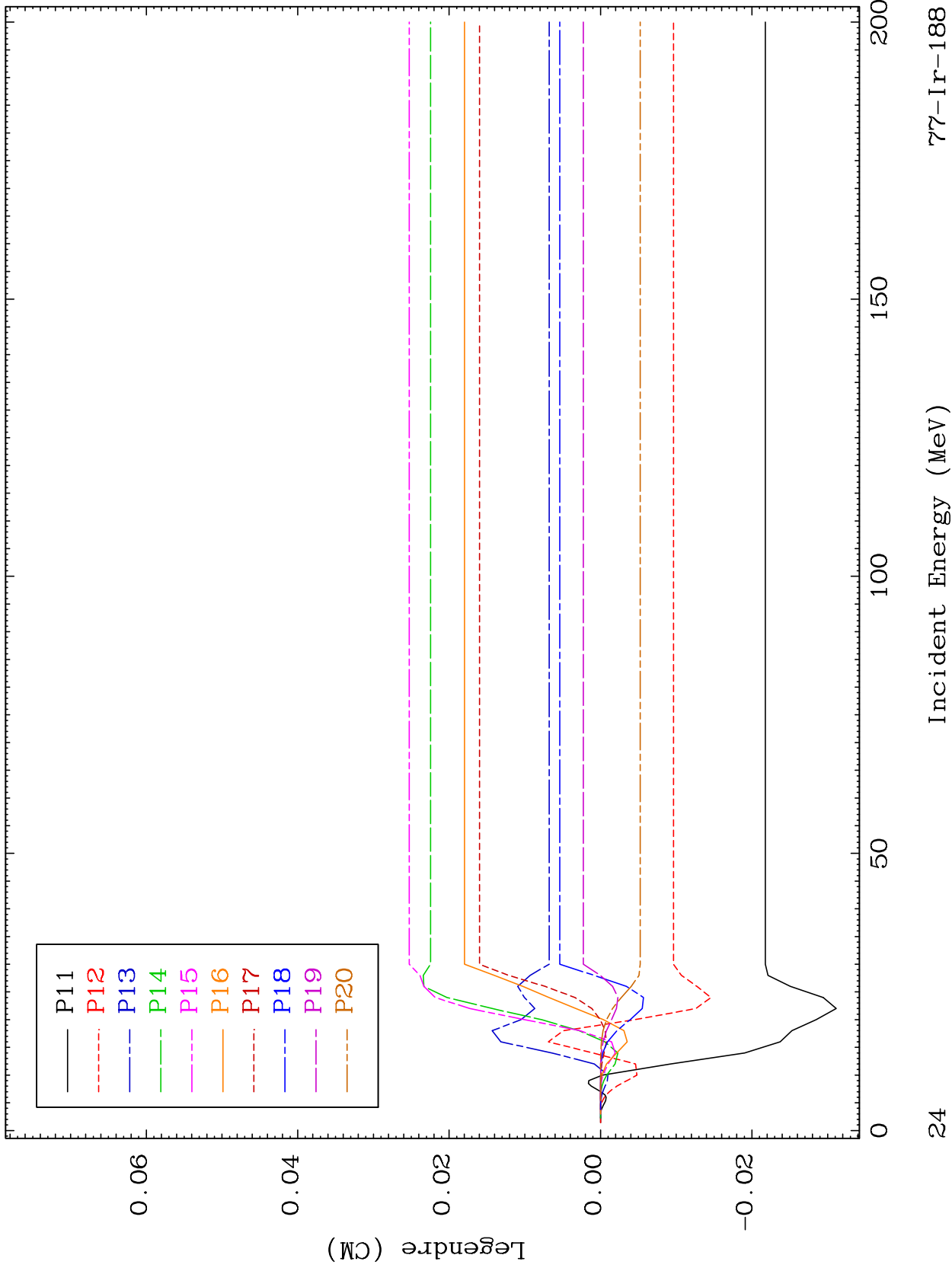




MAT 7716

96.71 keV (n,n') Level
Legendre Coefficients

77-Ir-188



77-Ir-188

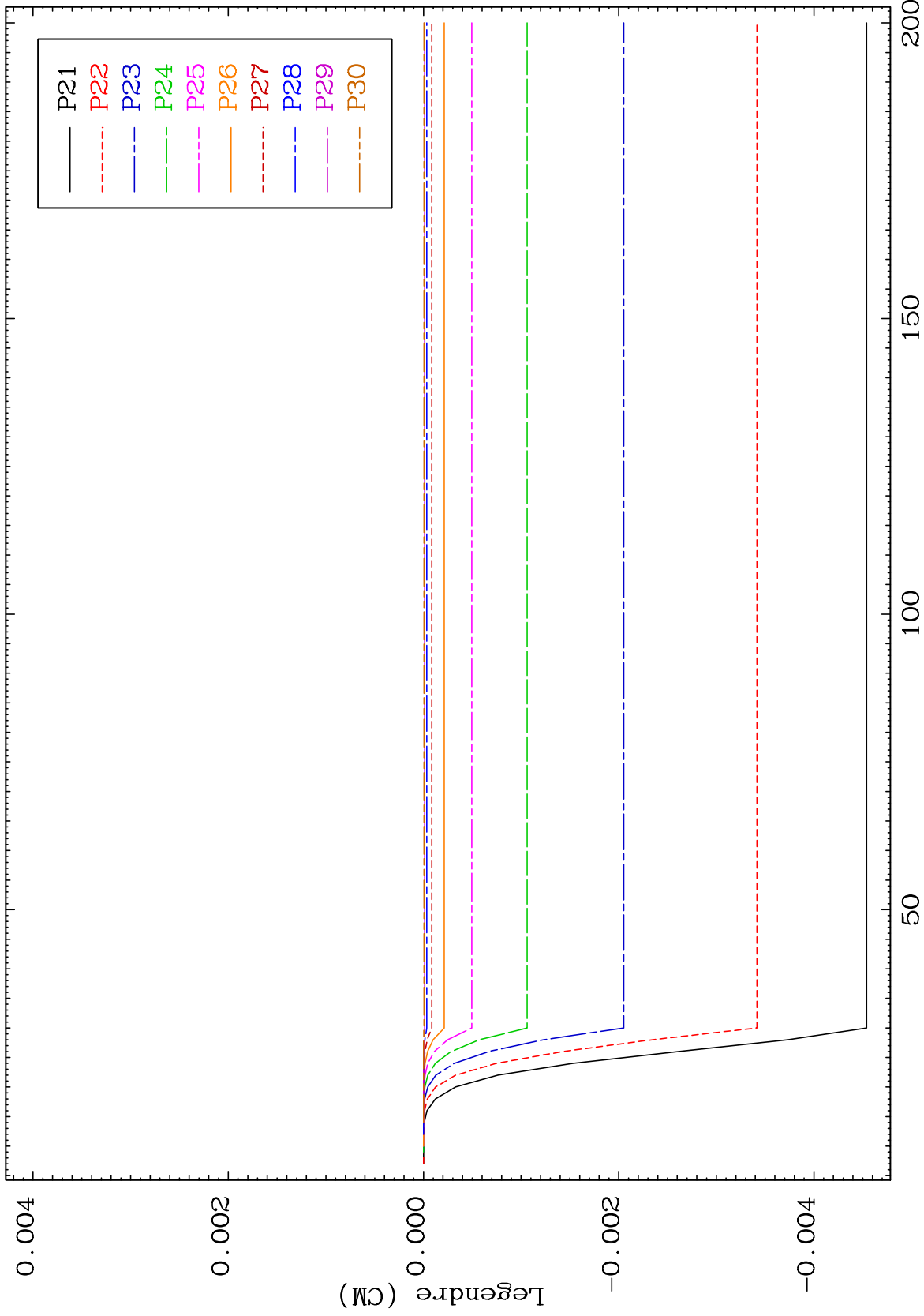
Incident Energy (MeV)

24

MAT 7716

96.71 keV (n,n') Level
Legendre Coefficients

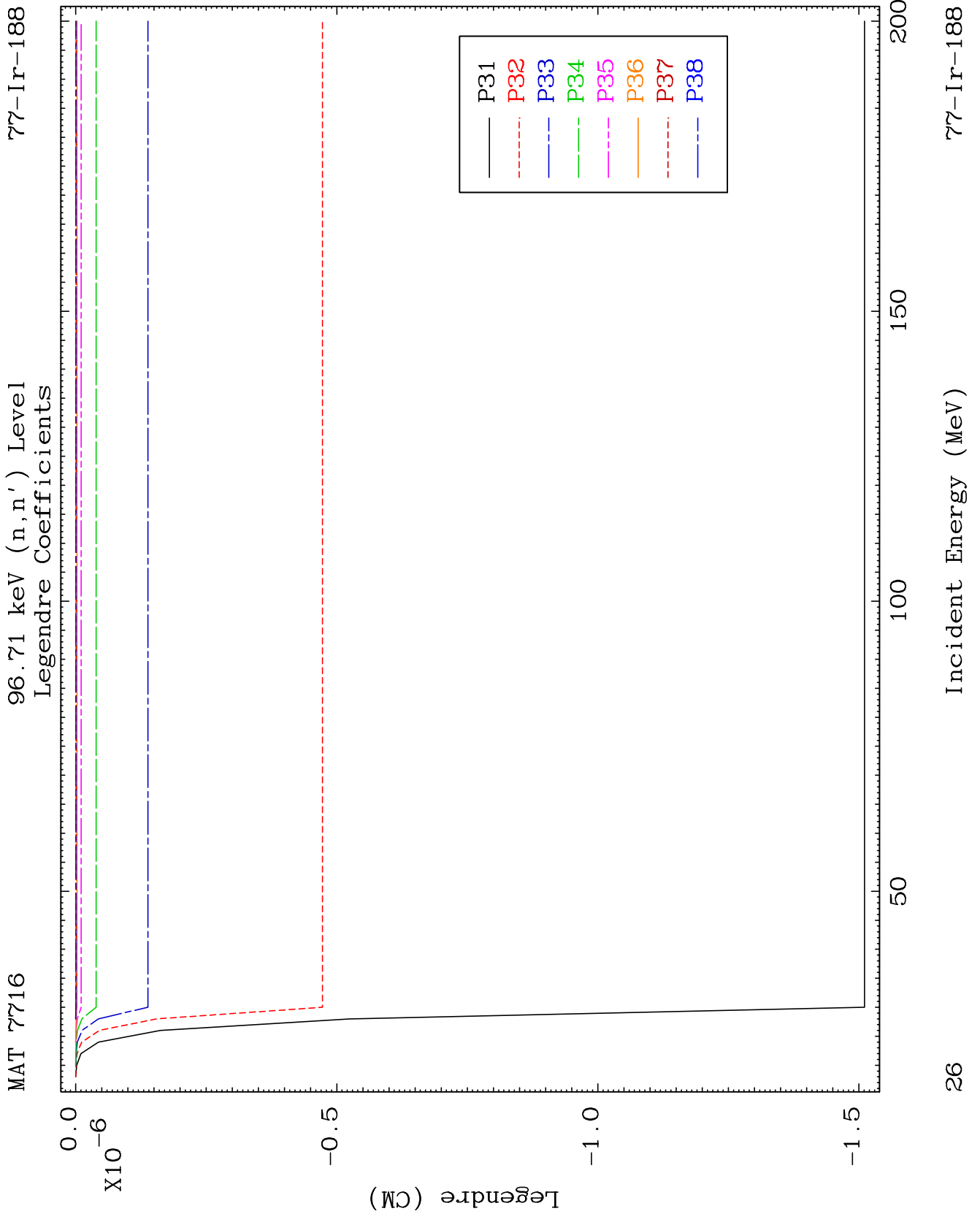
77-Ir-188

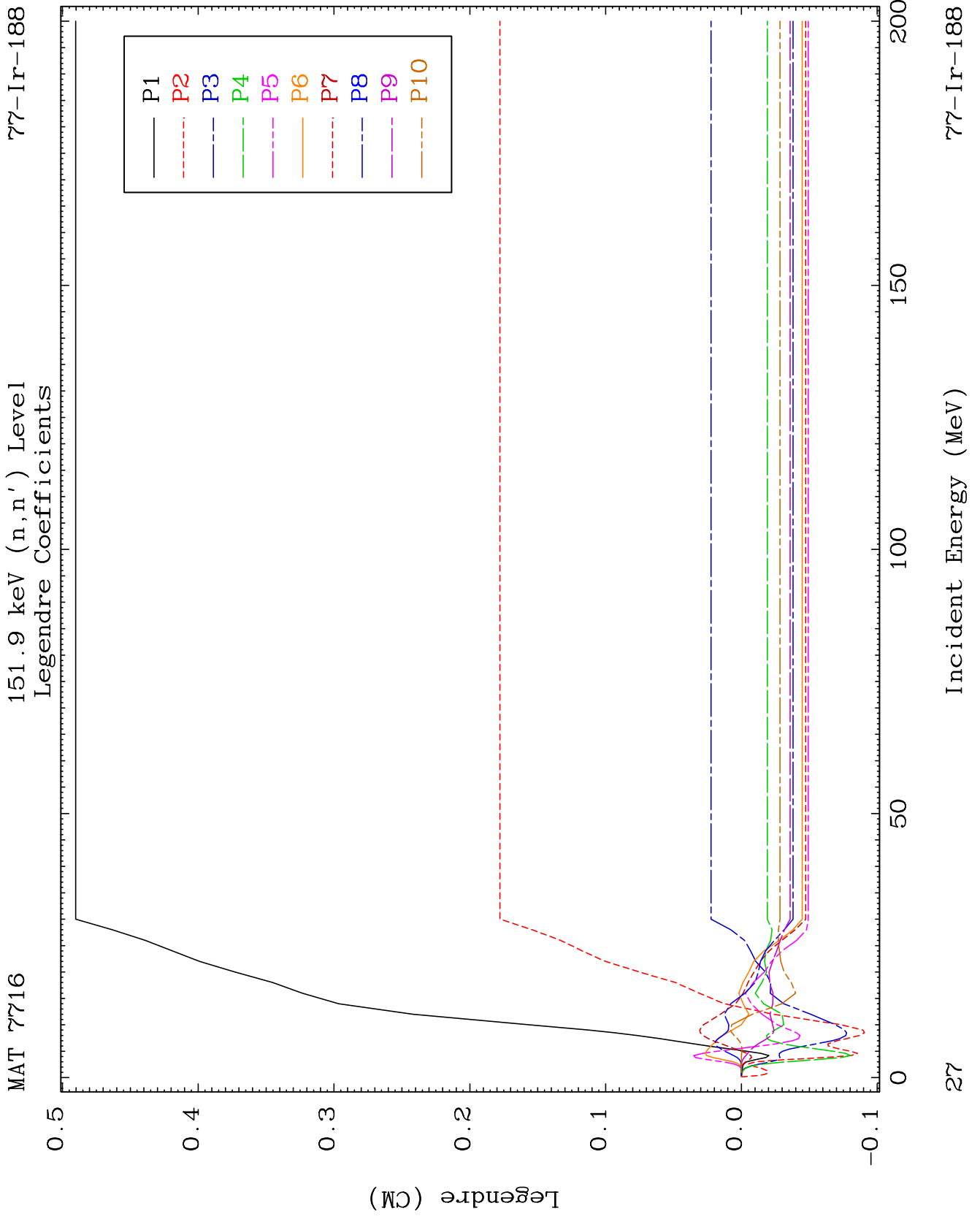


25

Incident Energy (MeV)

77-Ir-188

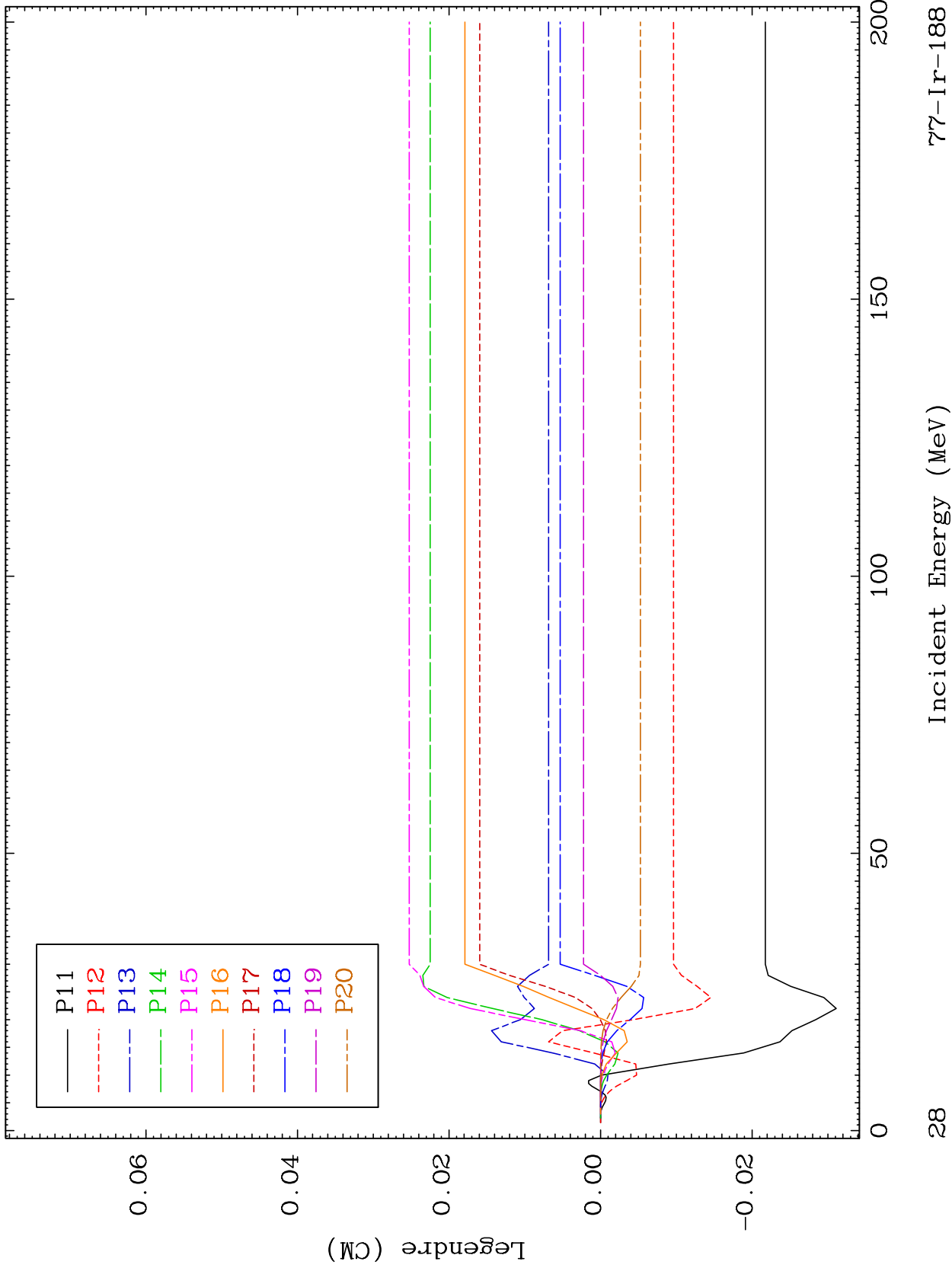




MAT 7716

151.9 keV (n,n') Level
Legendre Coefficients

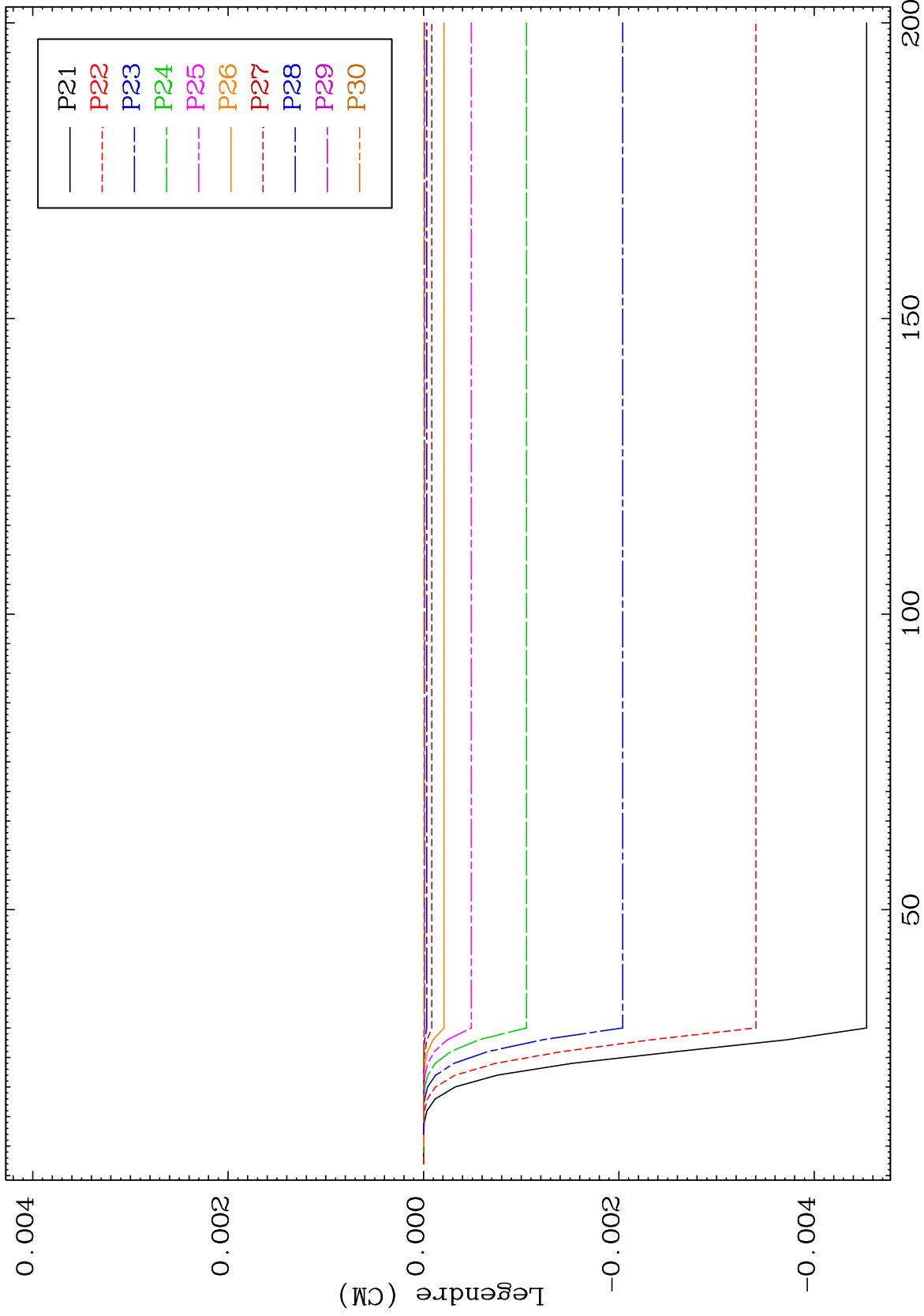
77-Ir-188

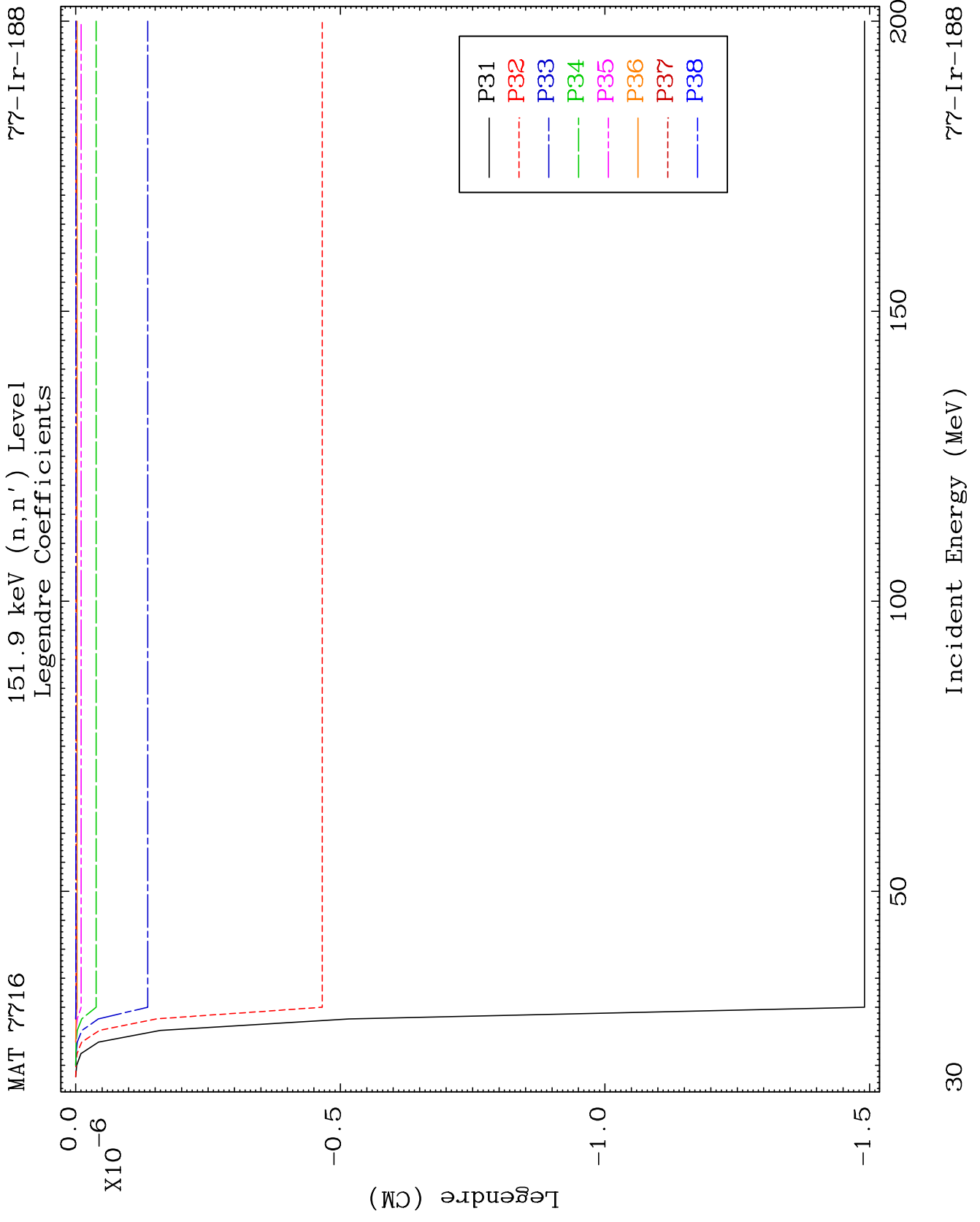


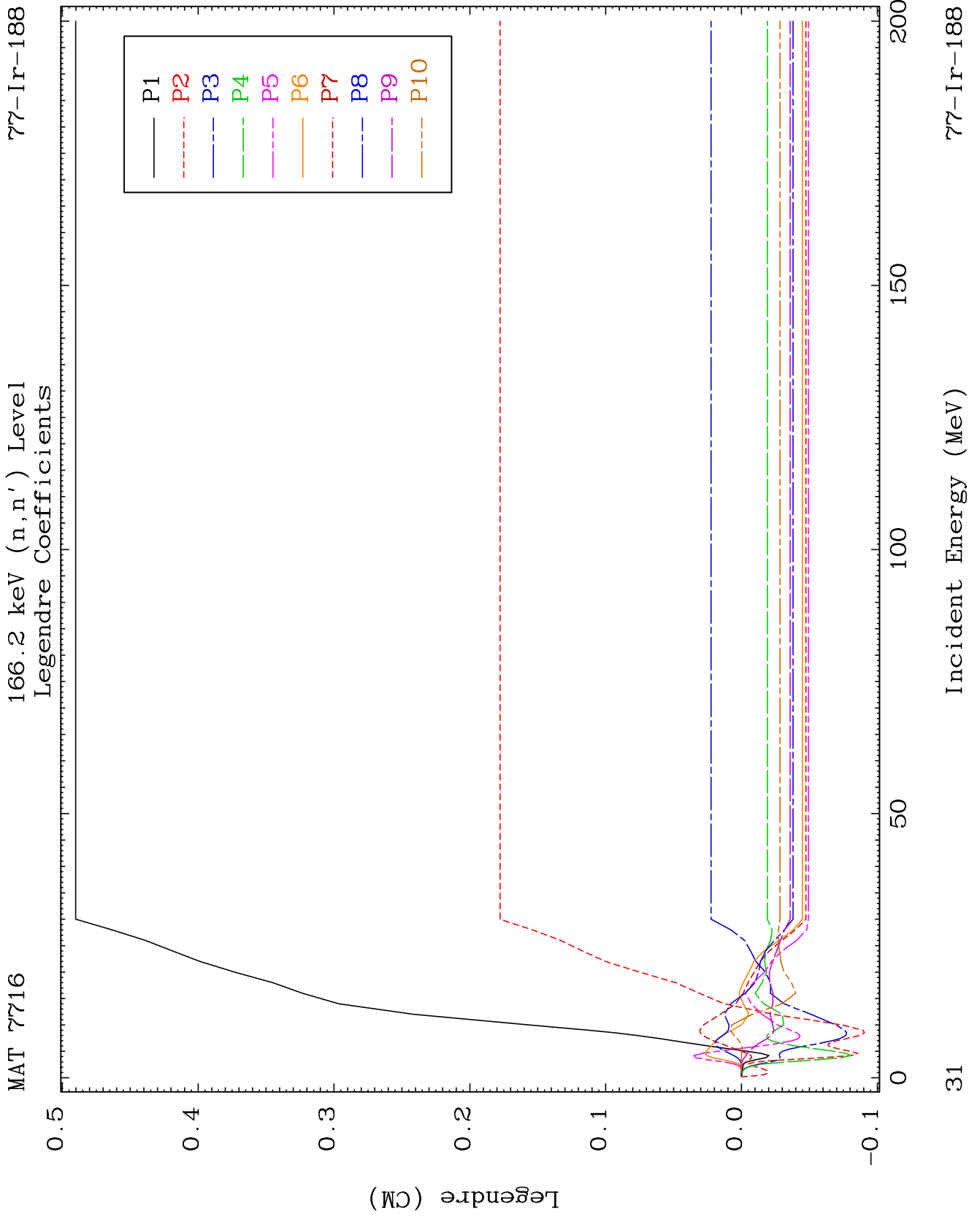
77-Ir-188

Incident Energy (MeV)

28



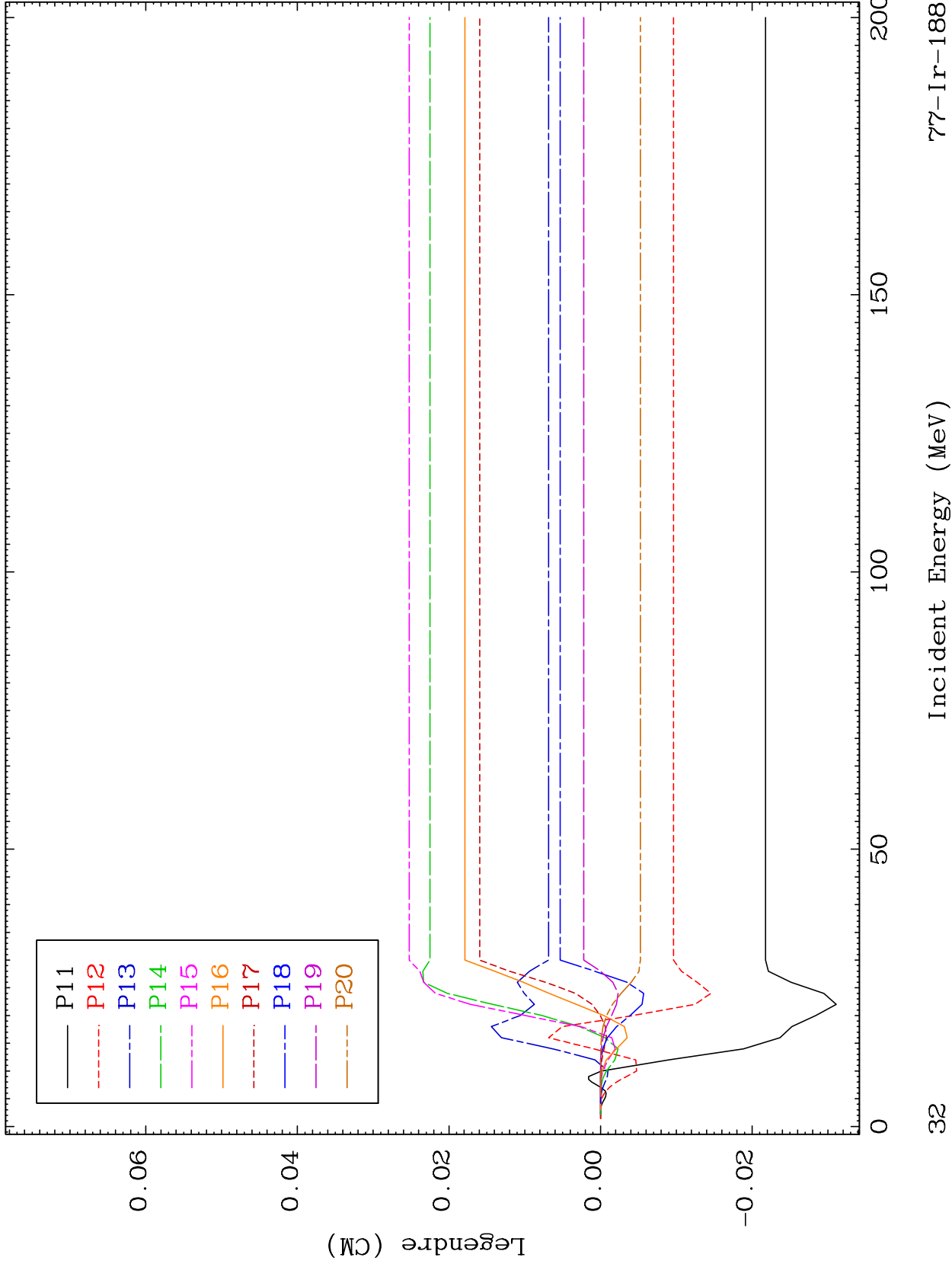




MAT 7716

166.2 keV (n,n') Level
Legendre Coefficients

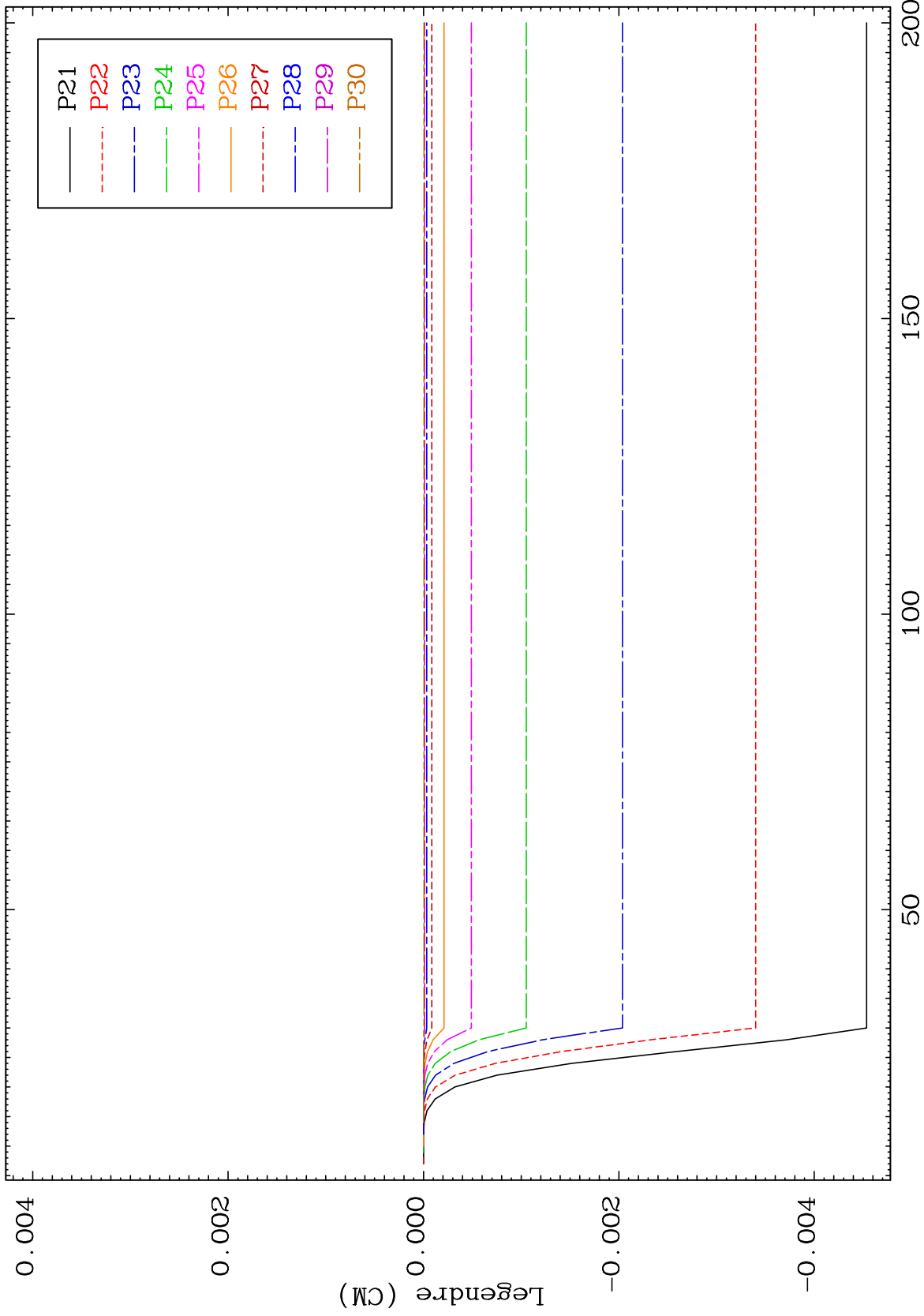
77-Ir-188

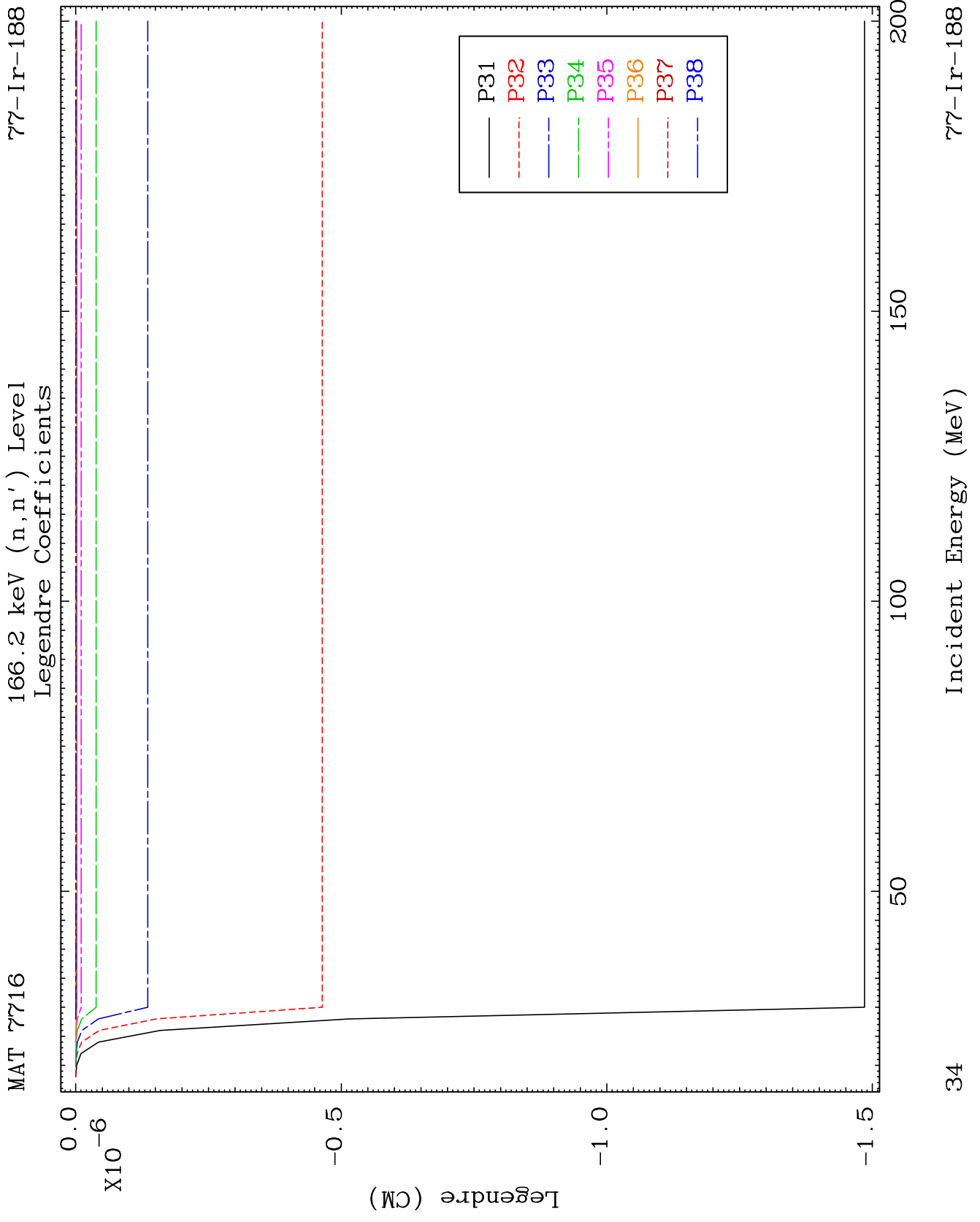


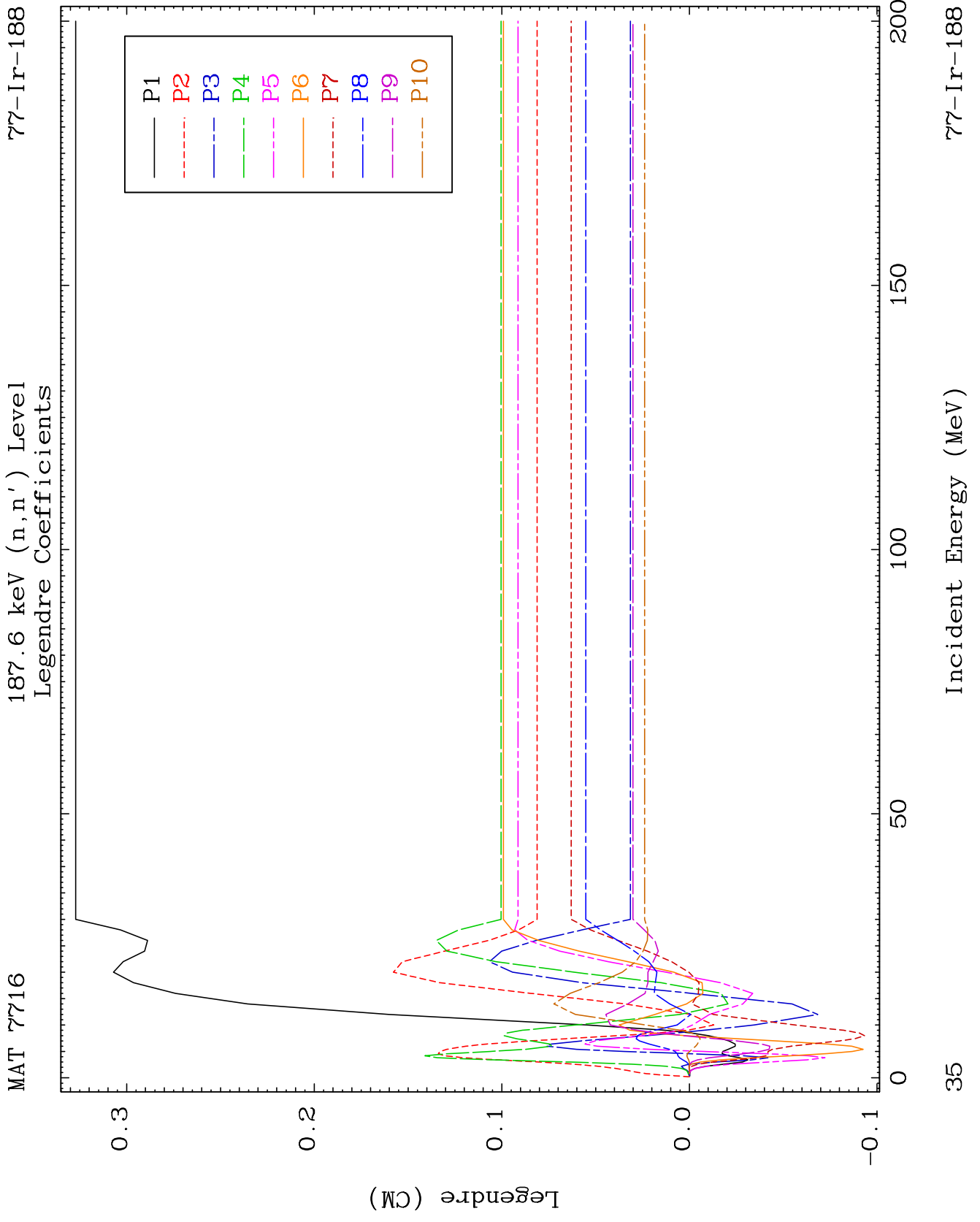
32

Incident Energy (MeV)

77-Ir-188



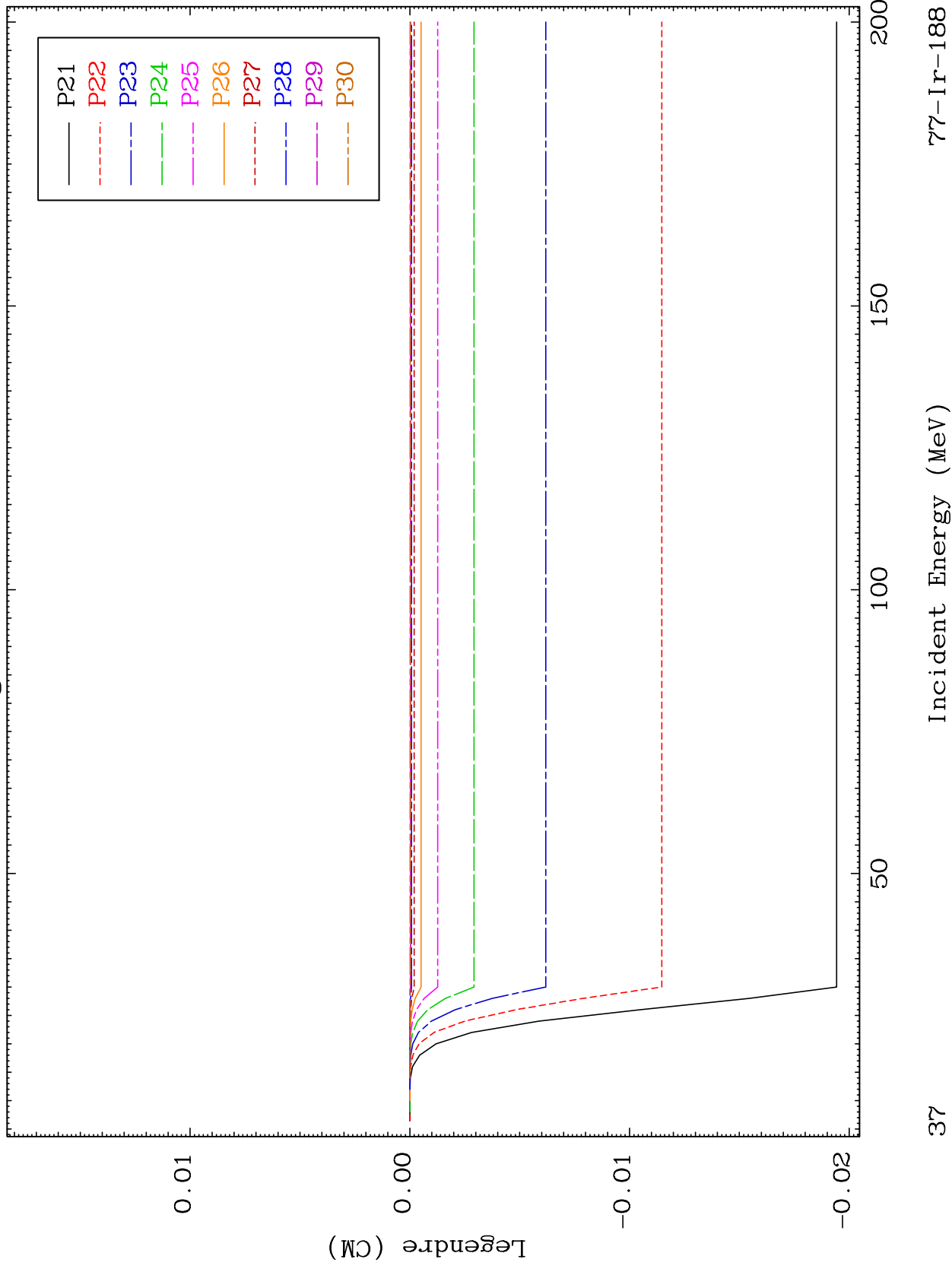




MAT 7716

187.6 keV (n,n') Level
Legendre Coefficients

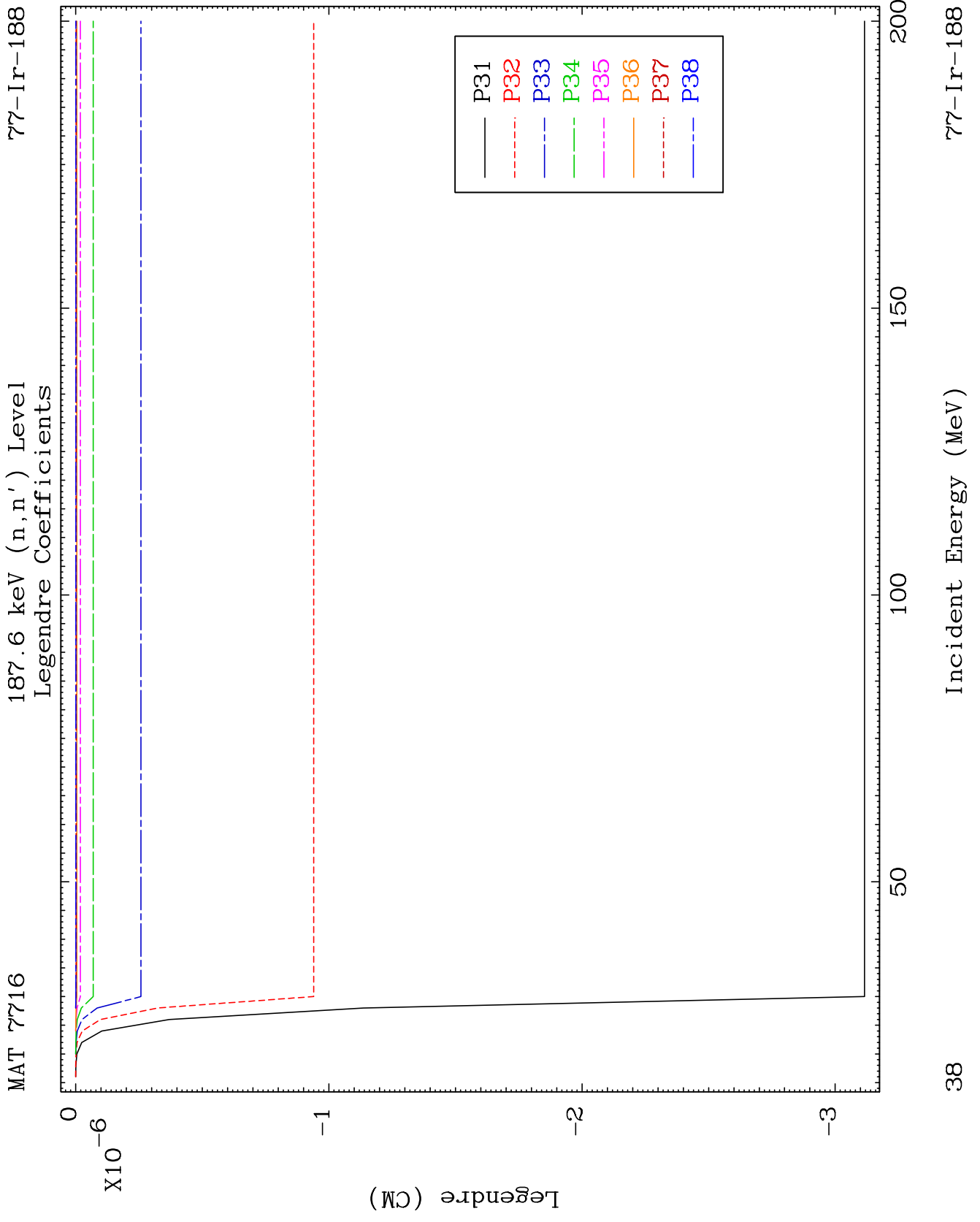
77-Ir-188

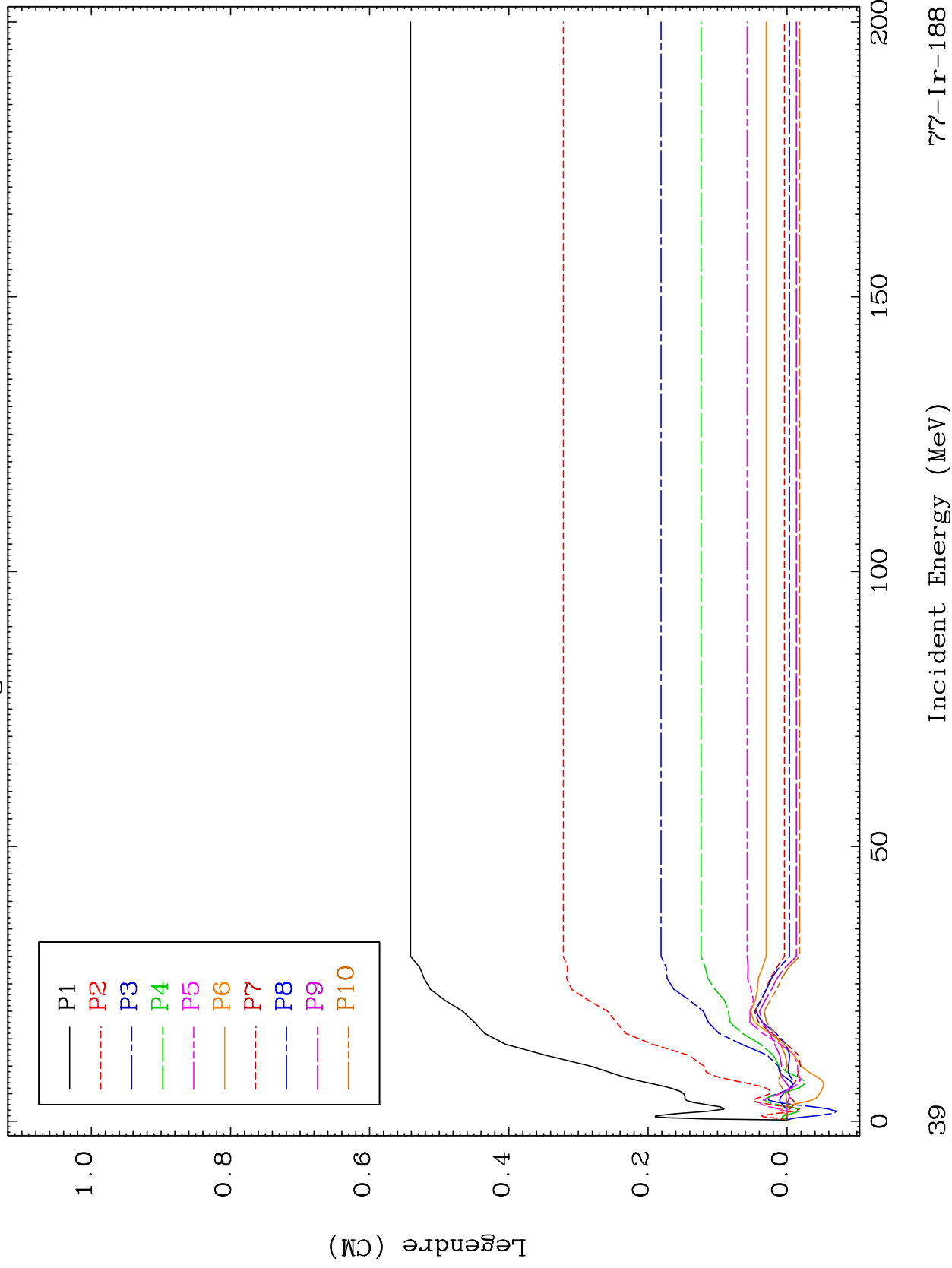


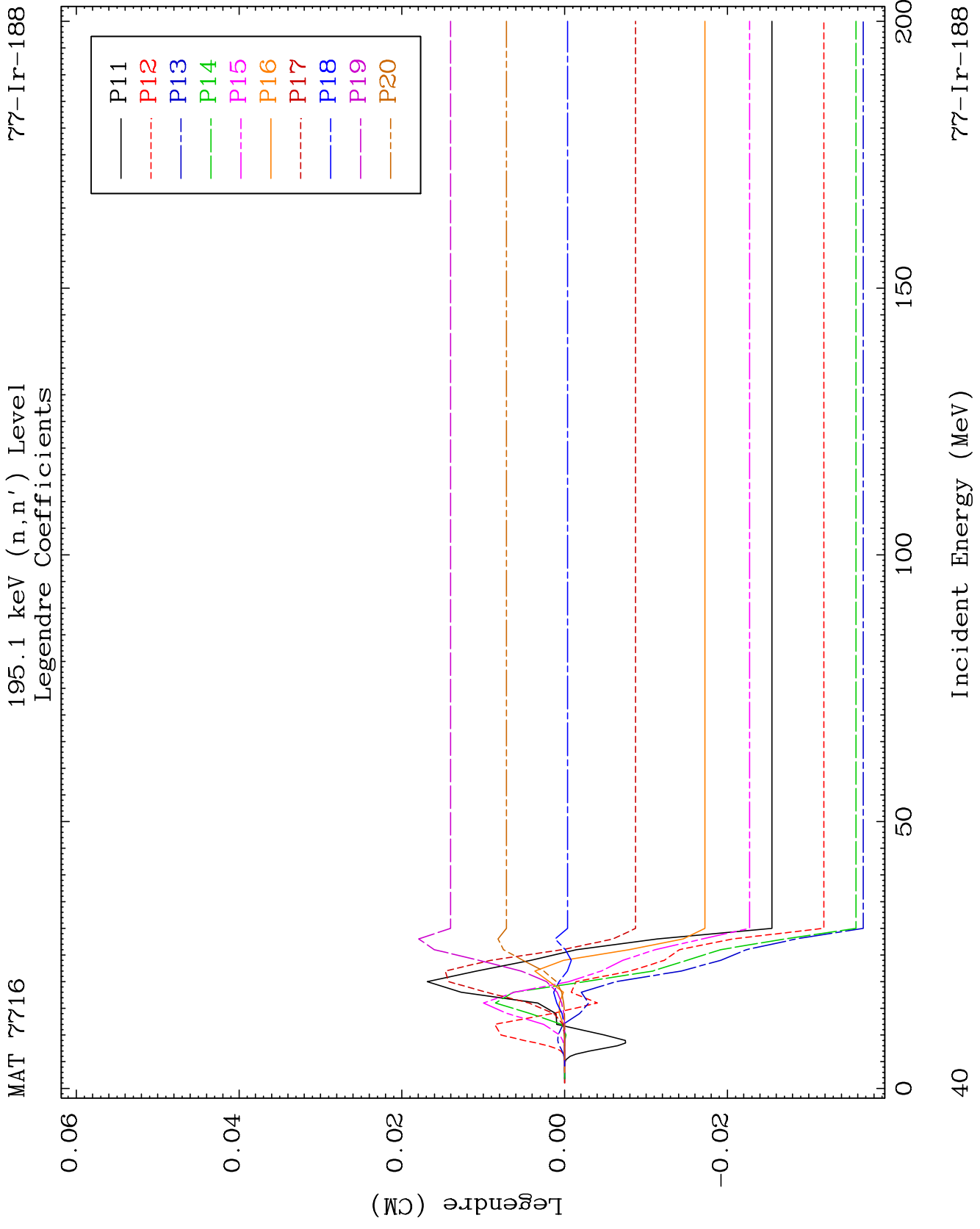
37

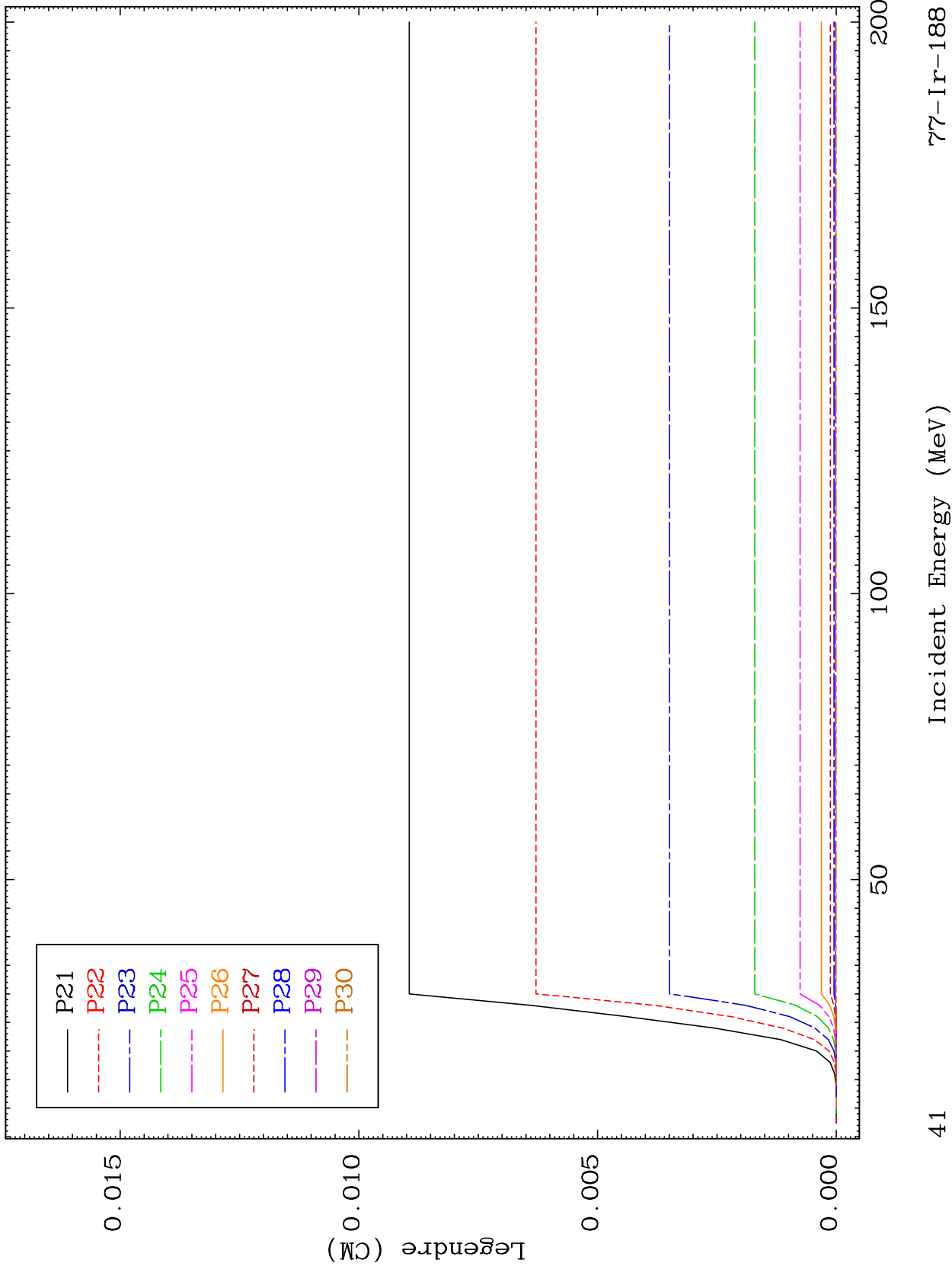
Incident Energy (MeV)

77-Ir-188





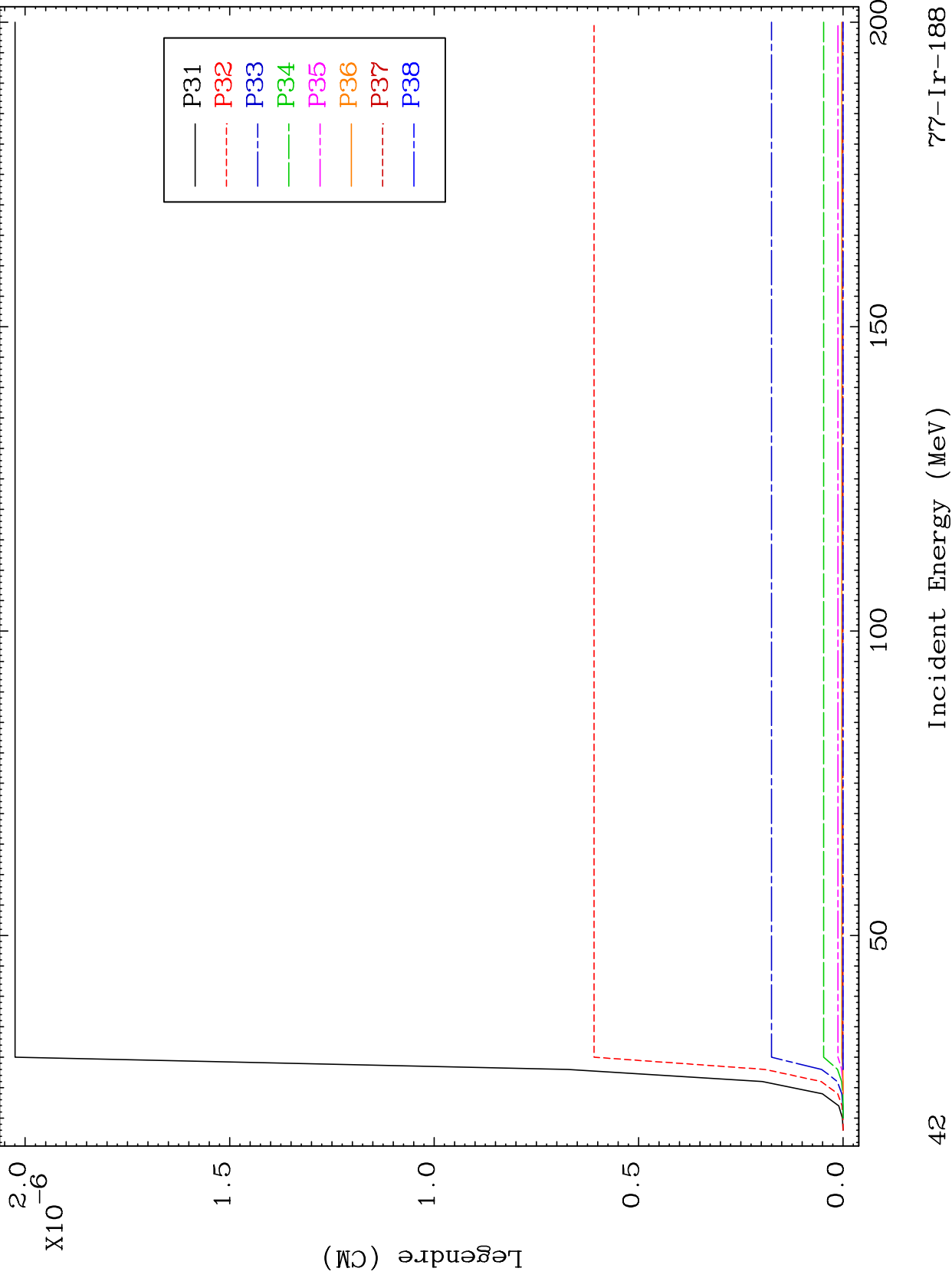




MAT 7716

195.1 keV (n,n') Level
Legendre Coefficients

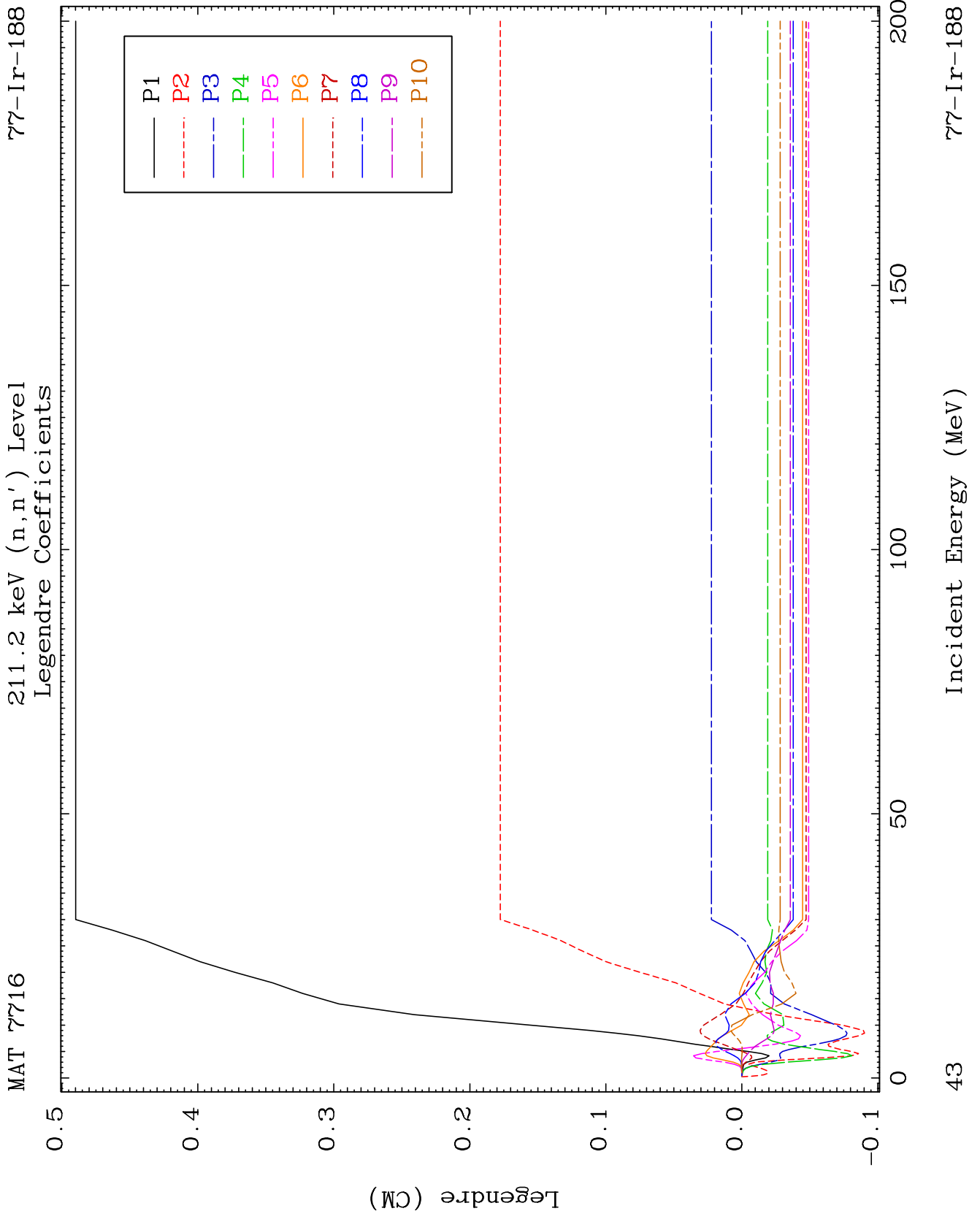
77-Ir-188



42

Incident Energy (MeV)

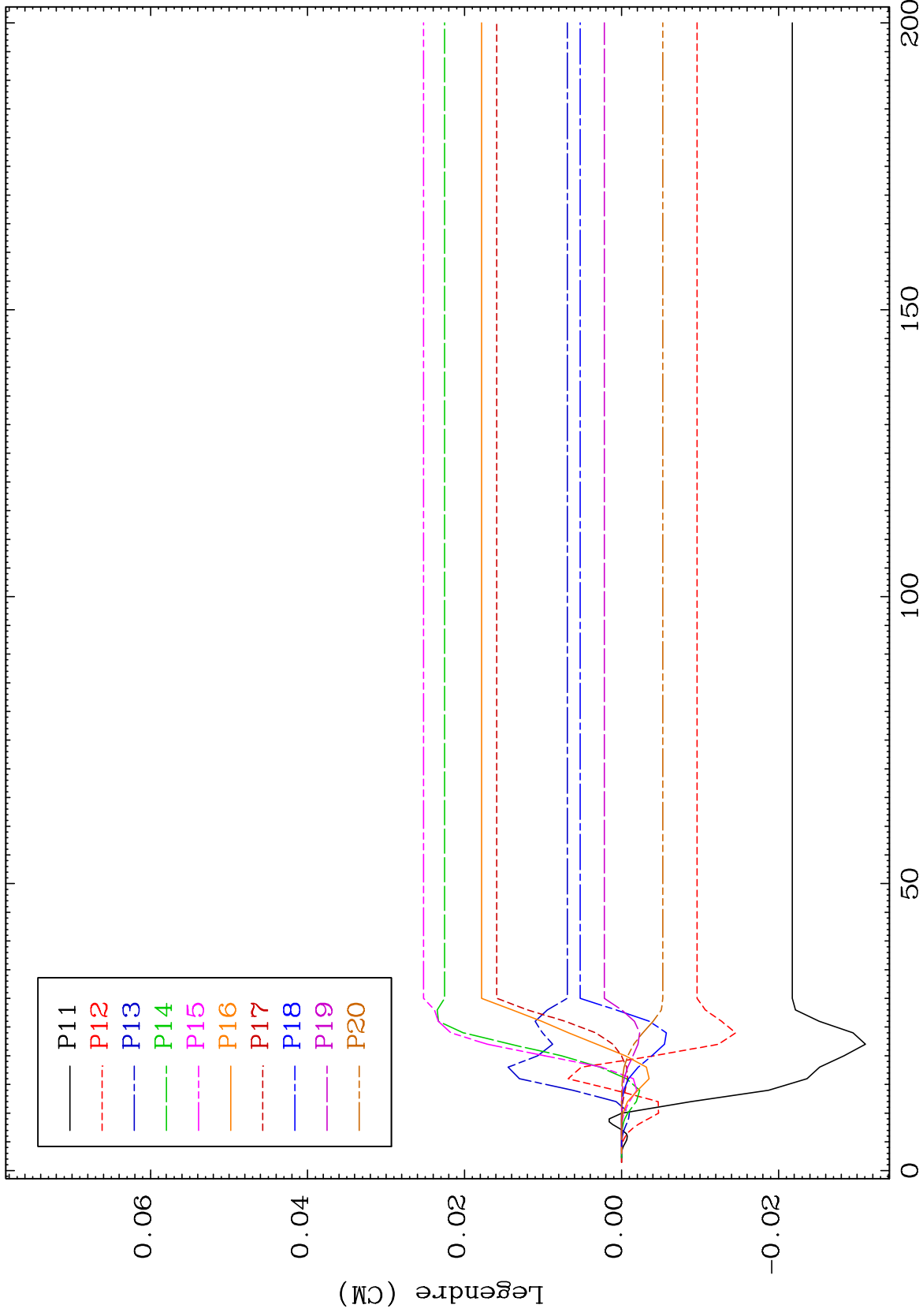
77-Ir-188



MAT 7716

211.2 keV (n,n') Level
Legendre Coefficients

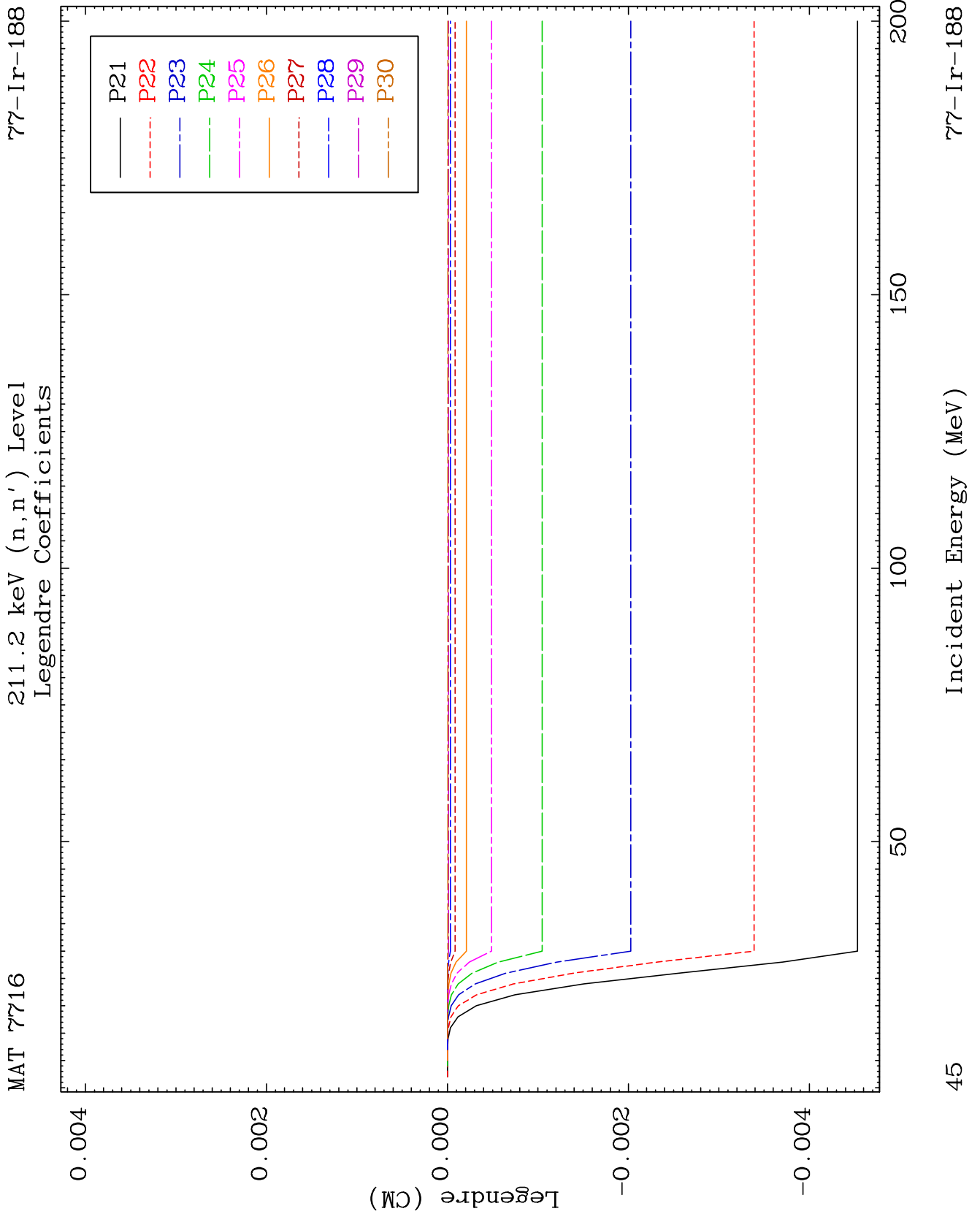
77-Ir-188

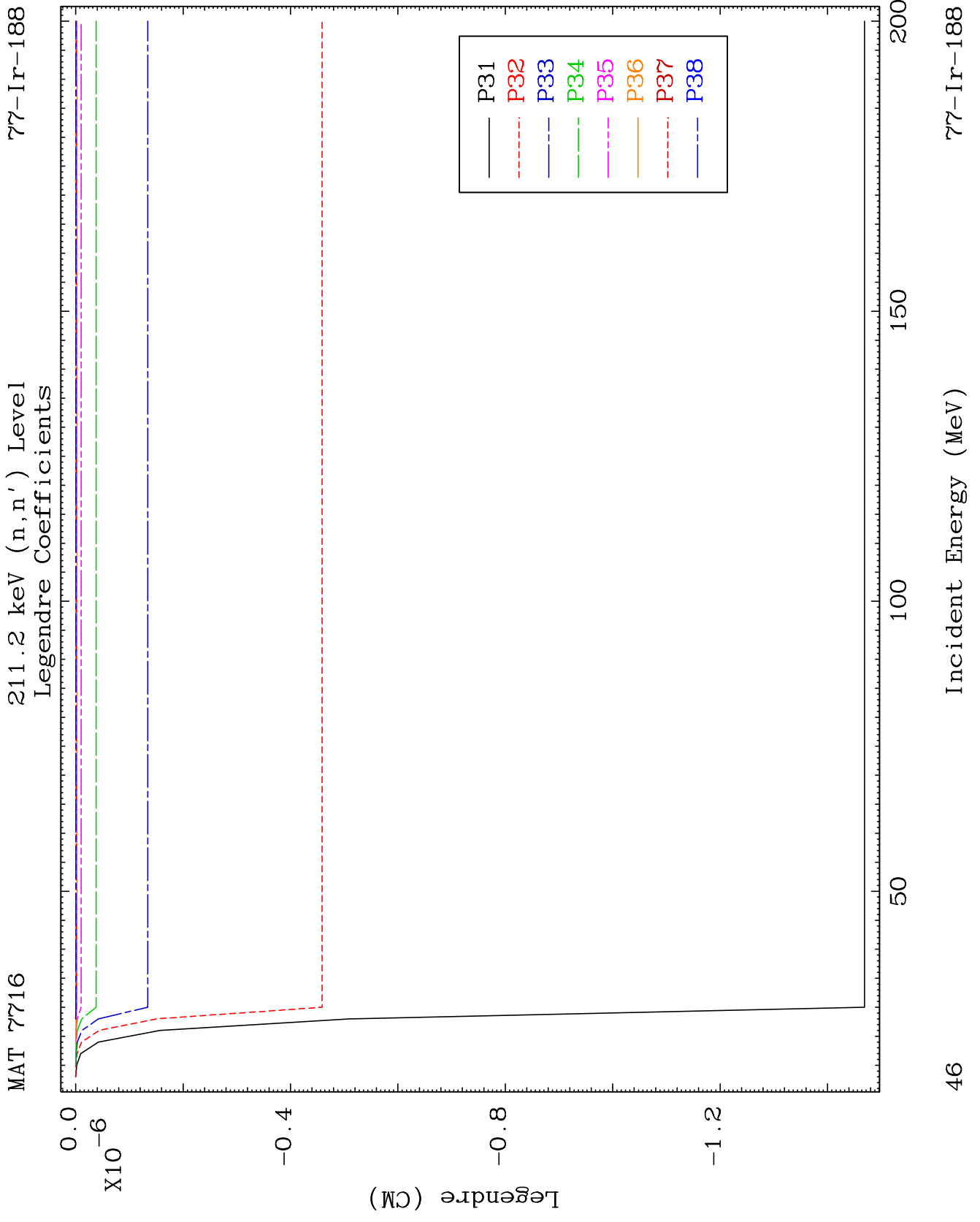


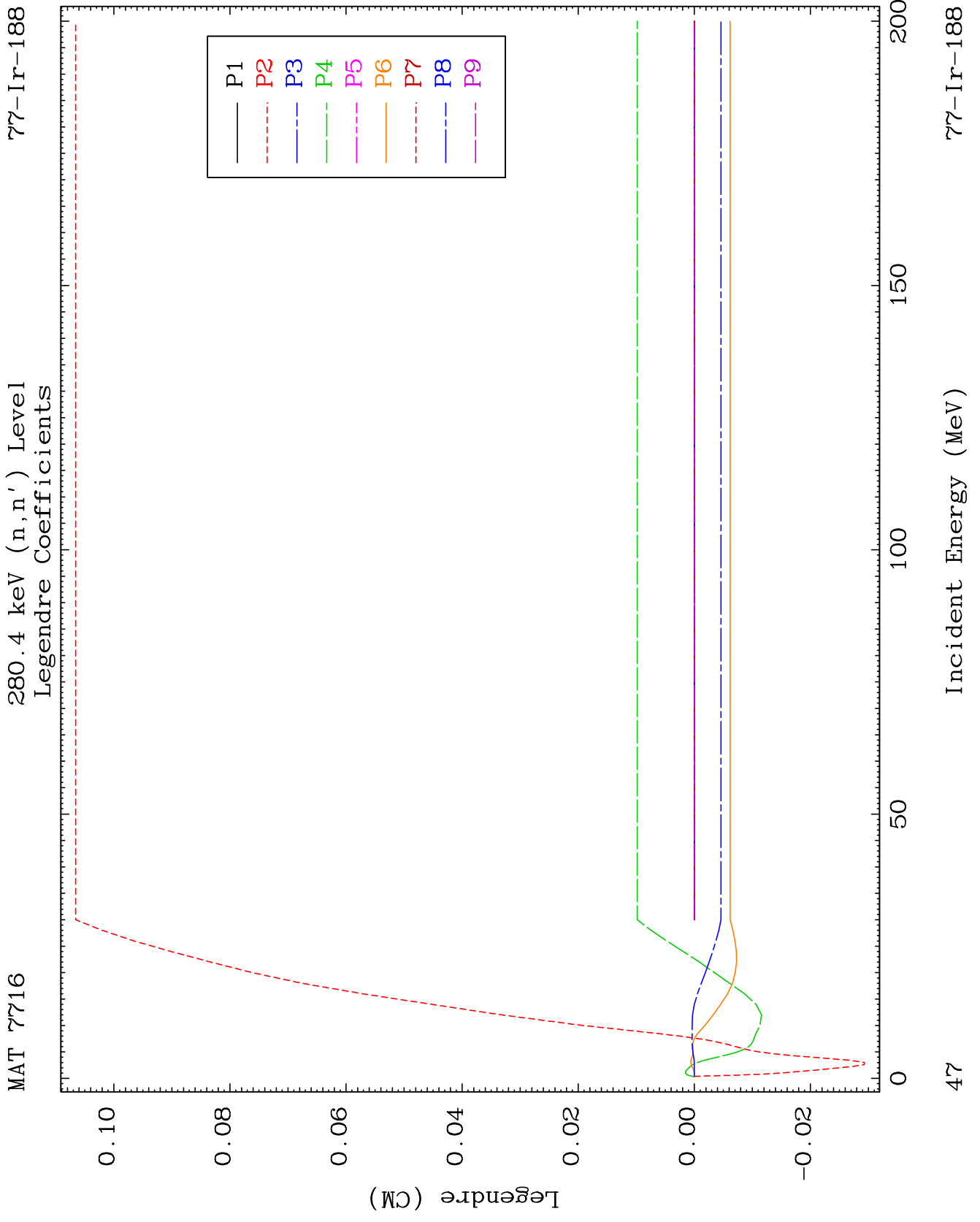
77-Ir-188

Incident Energy (MeV)

44



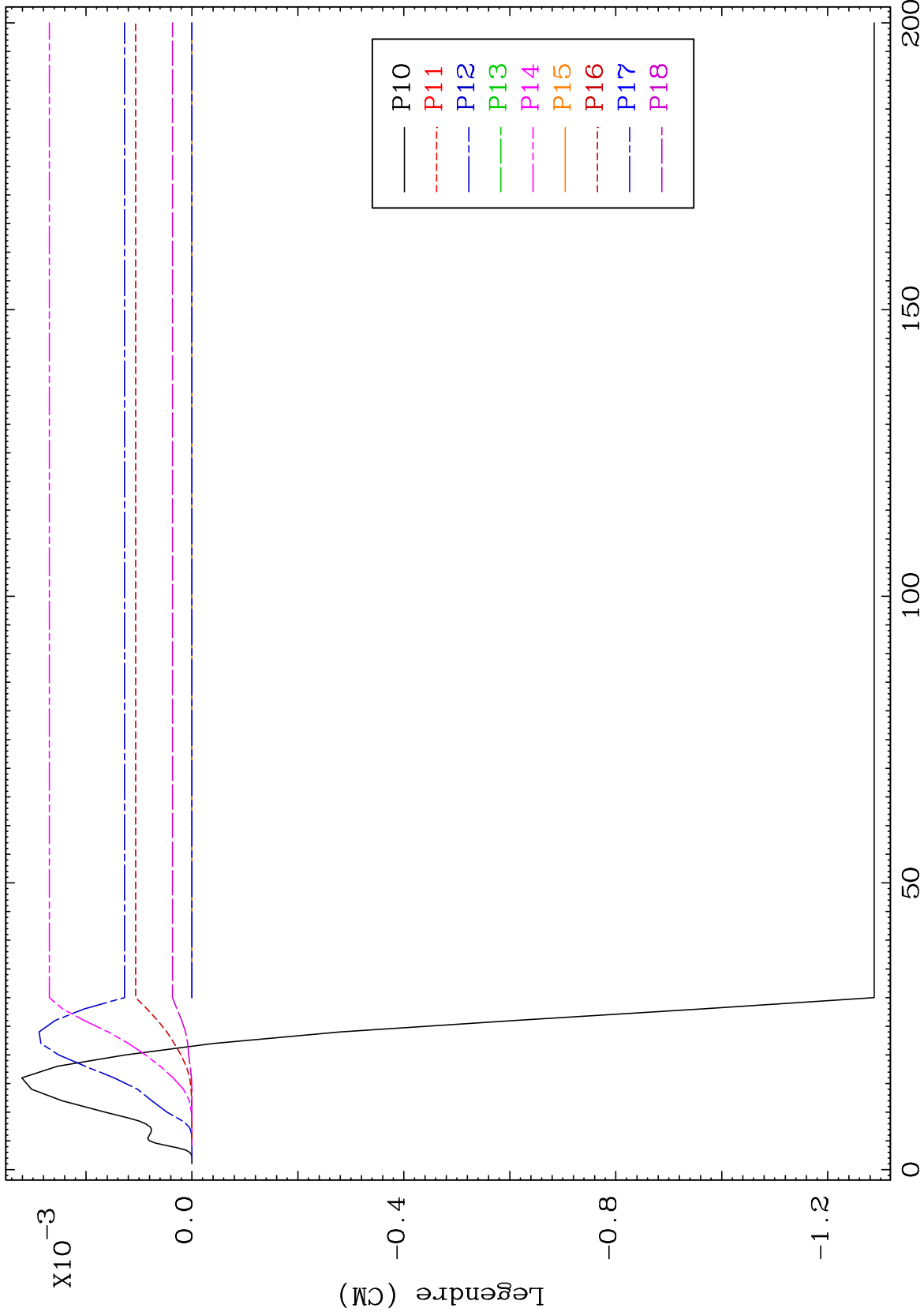




MAT 7716

280.4 keV (n,n') Level
Legendre Coefficients

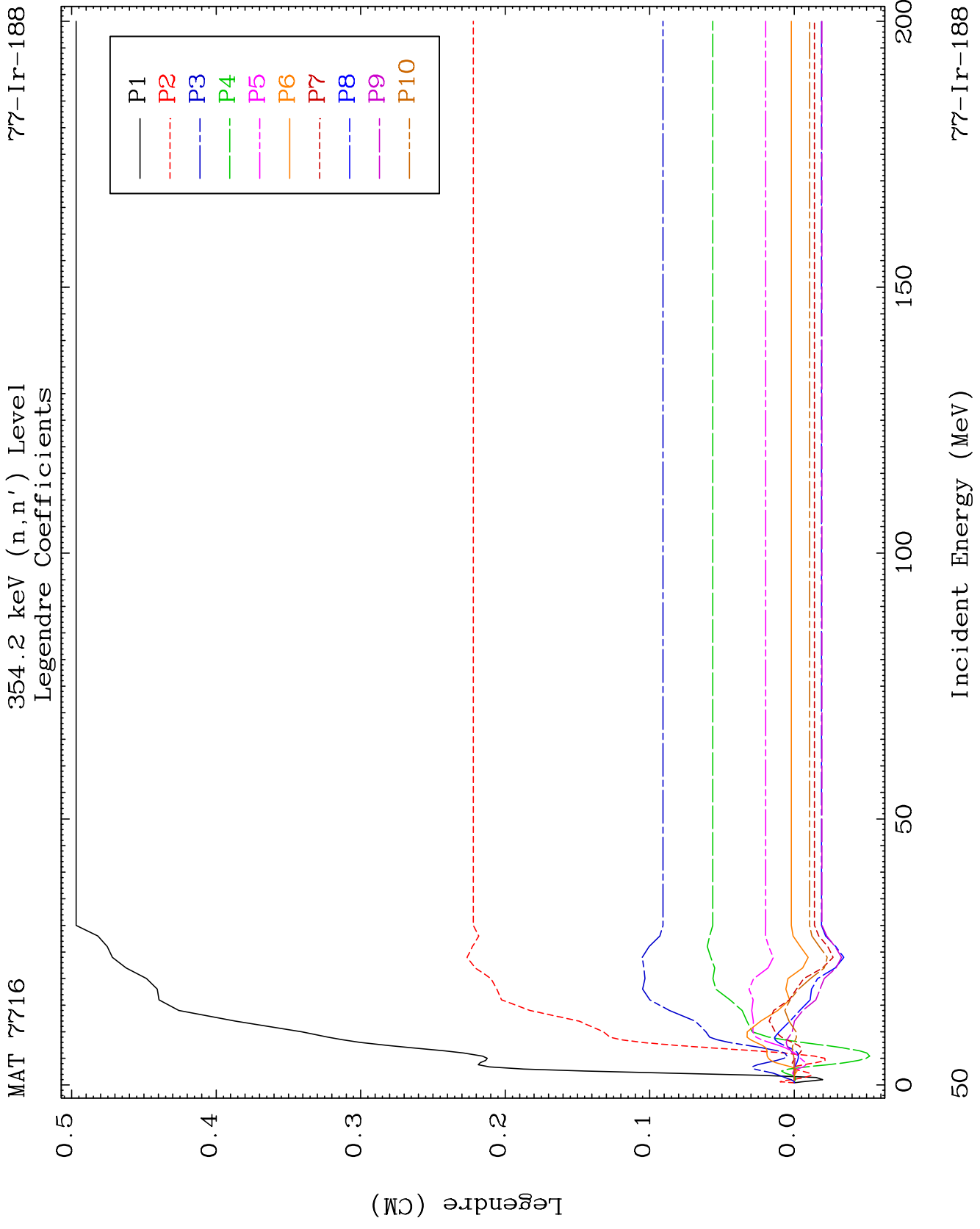
77-Ir-188



48

Incident Energy (MeV)

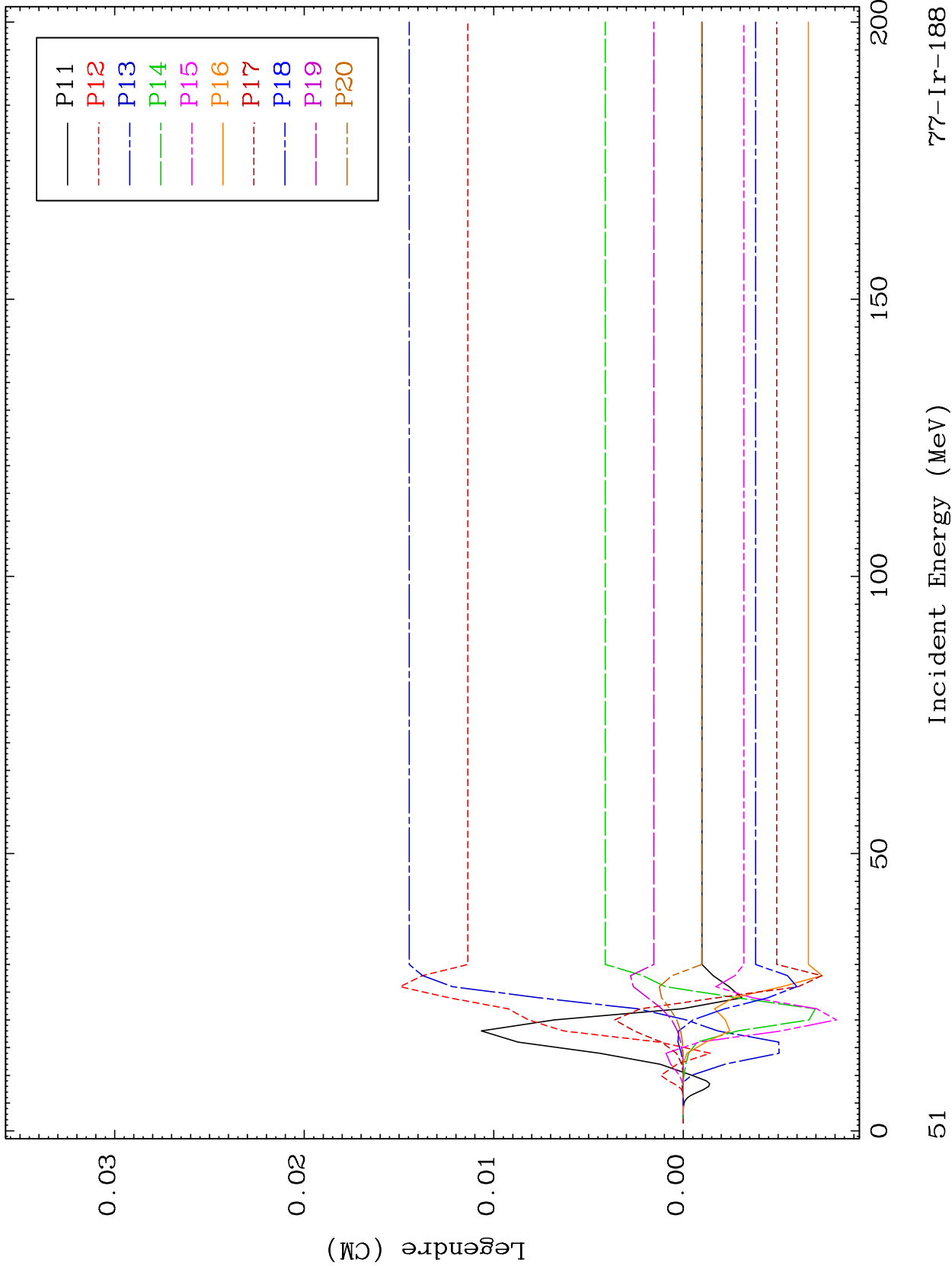
77-Ir-188



MAT 7716

354.2 keV (n,n') Level
Legendre Coefficients

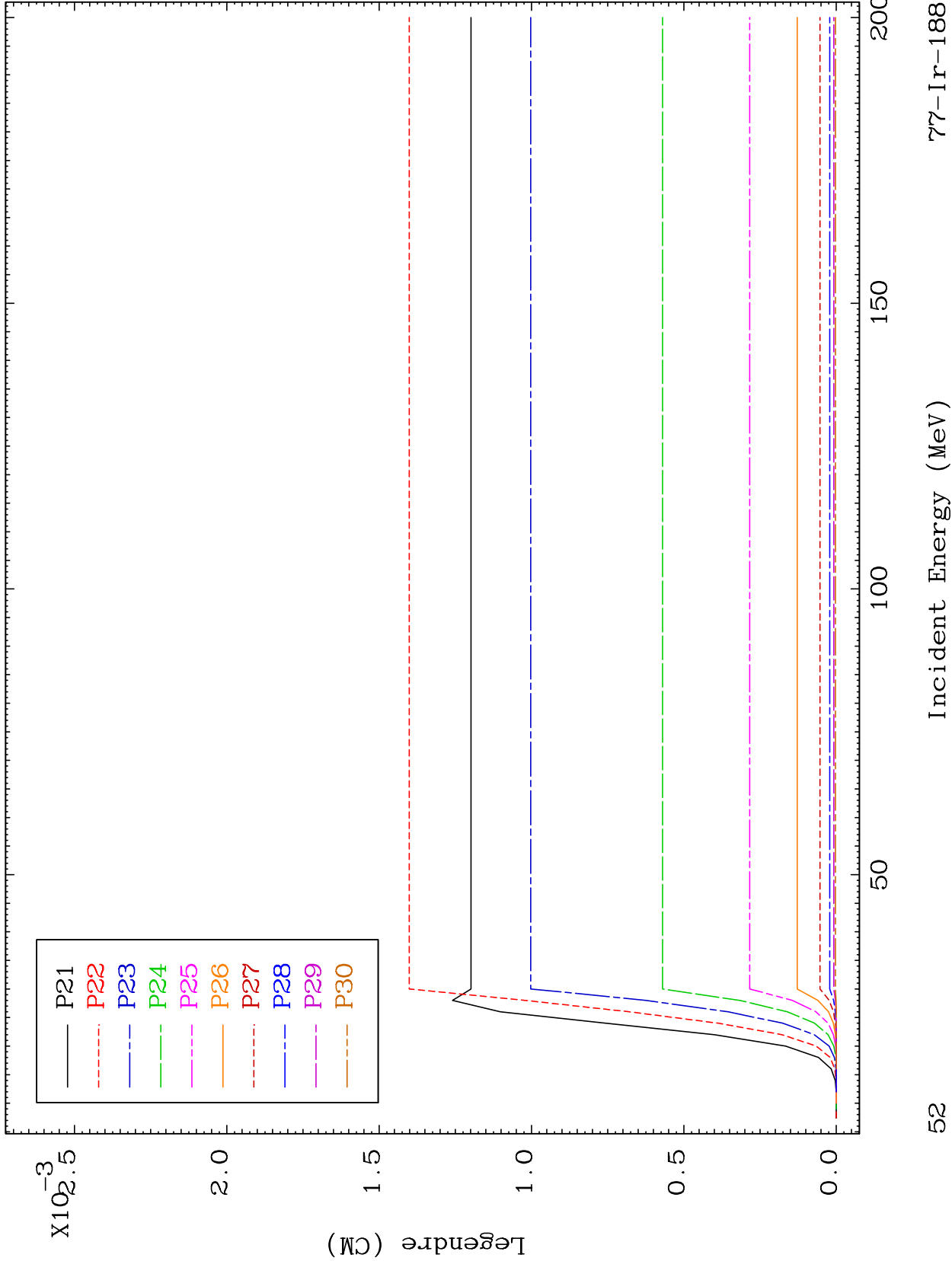
77-Ir-188

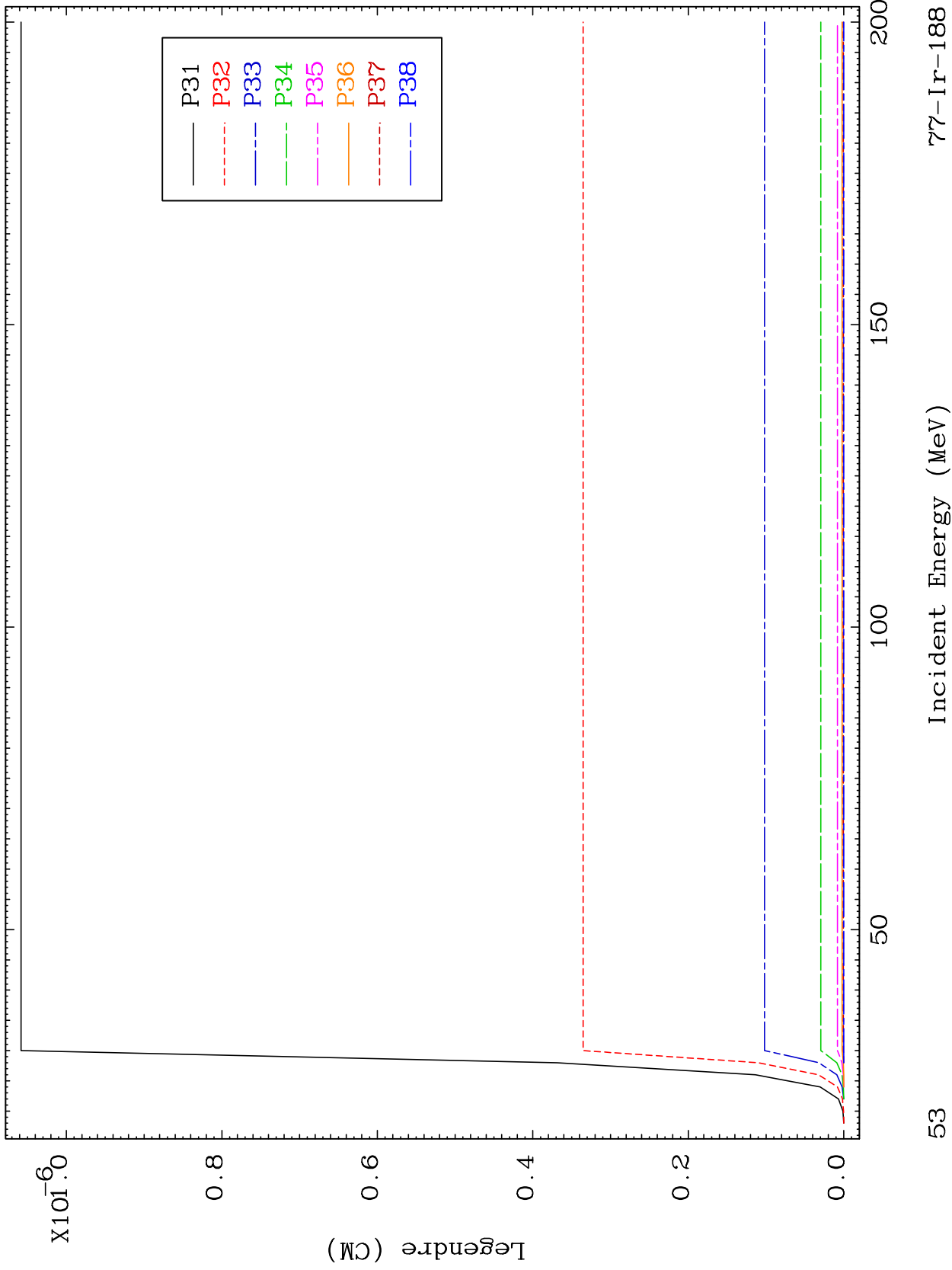


51

Incident Energy (MeV)

77-Ir-188

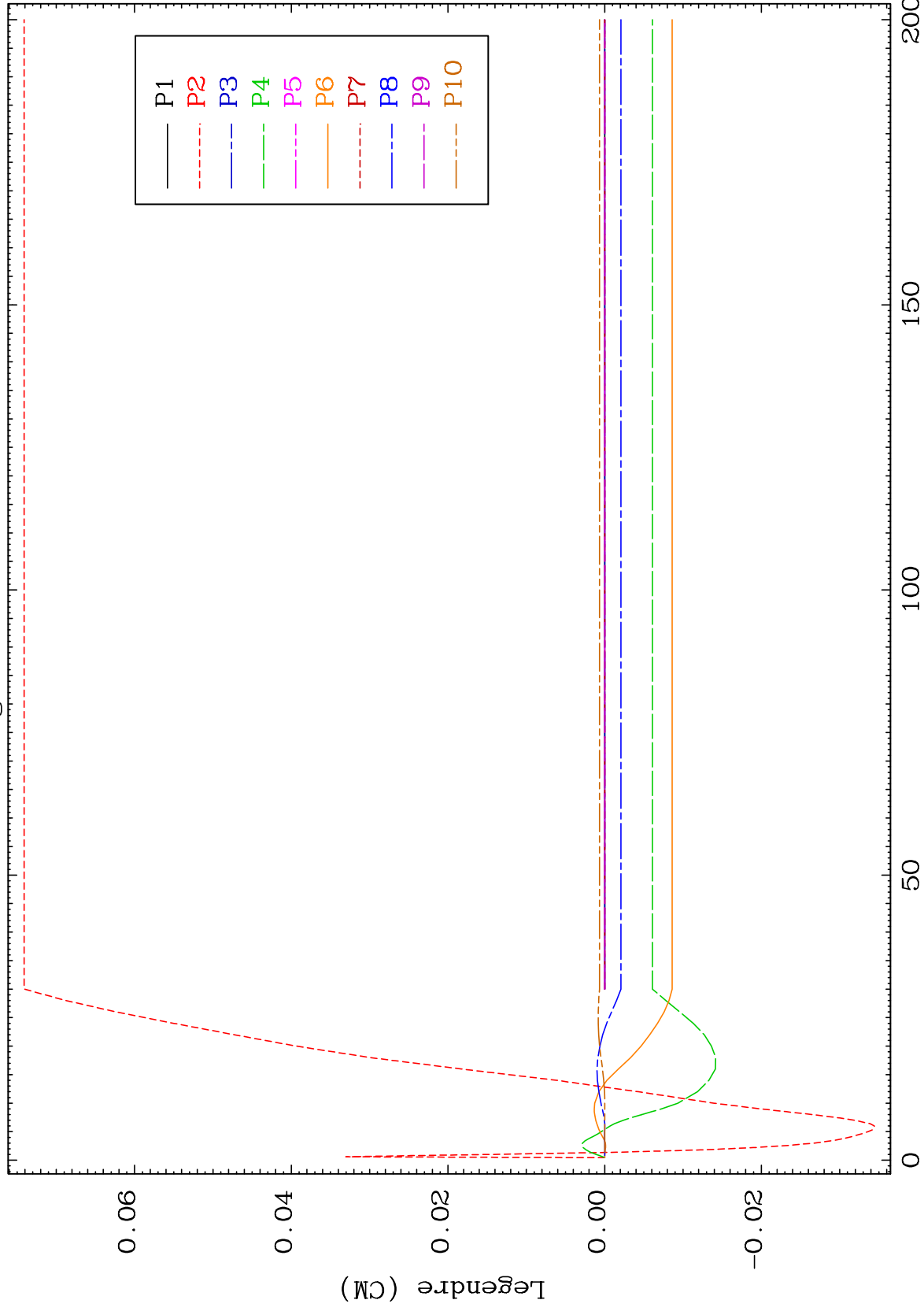




MAT 7716

435.8 keV (n,n') Level
Legendre Coefficients

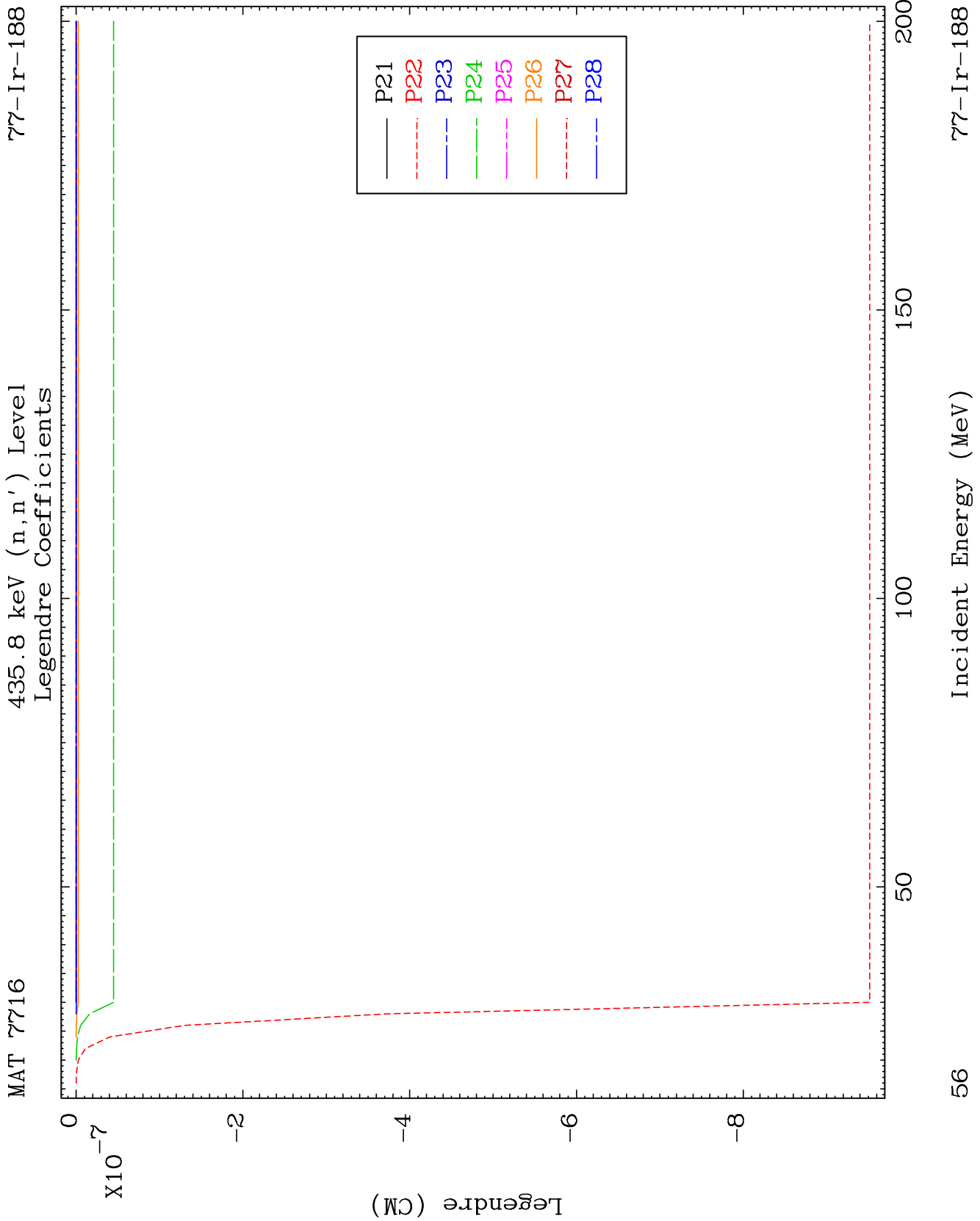
77-Ir-188

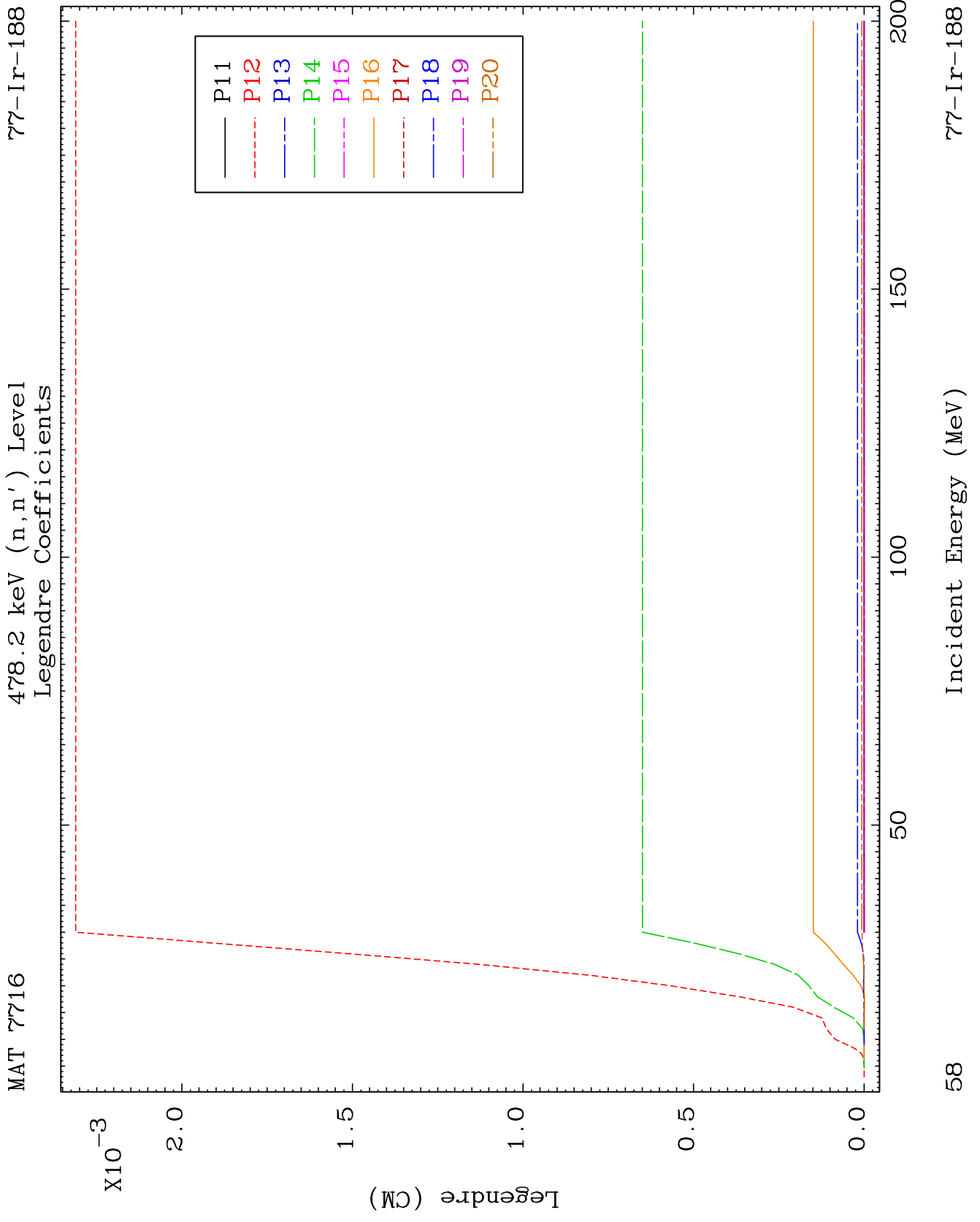


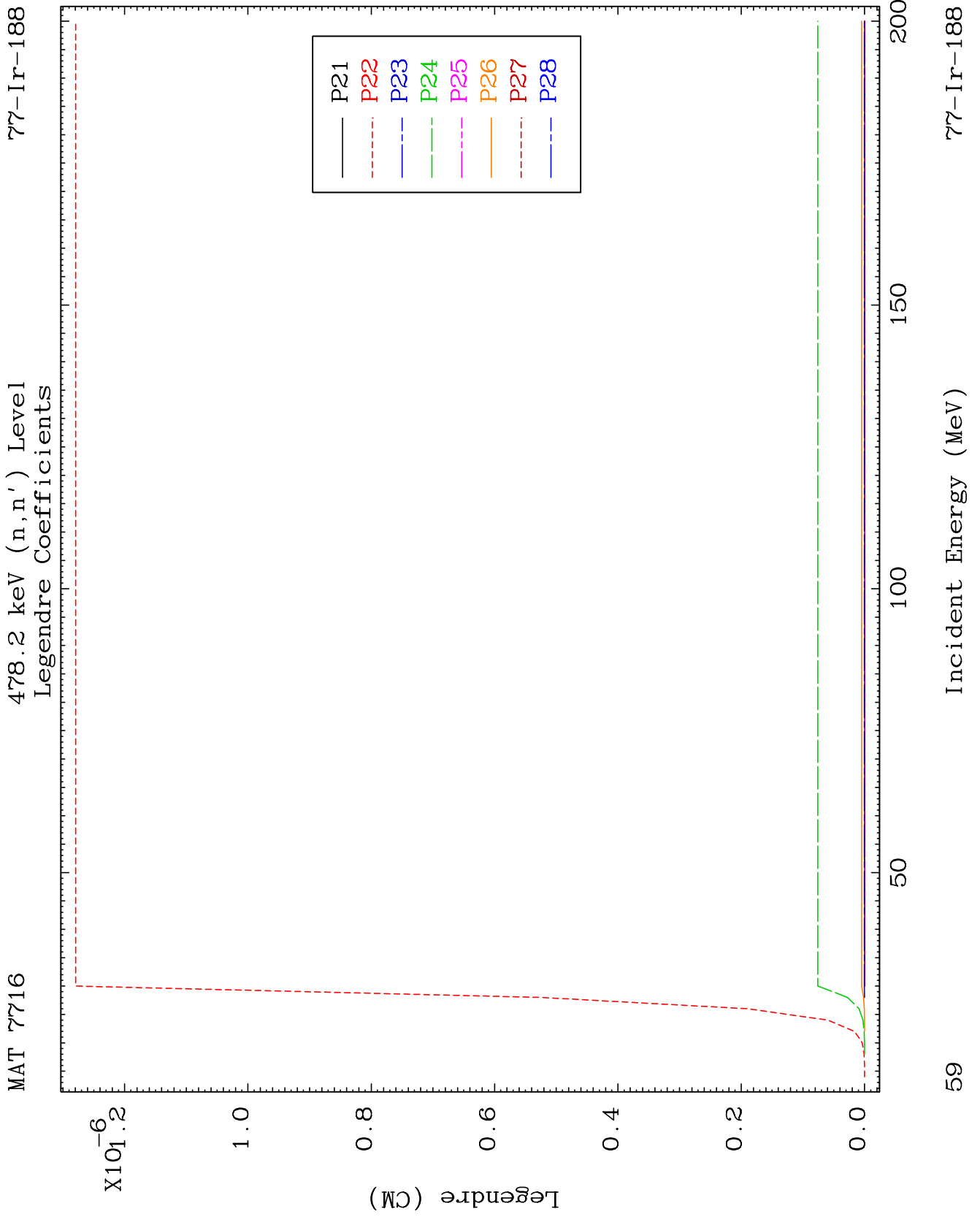
54

Incident Energy (MeV)

77-Ir-188



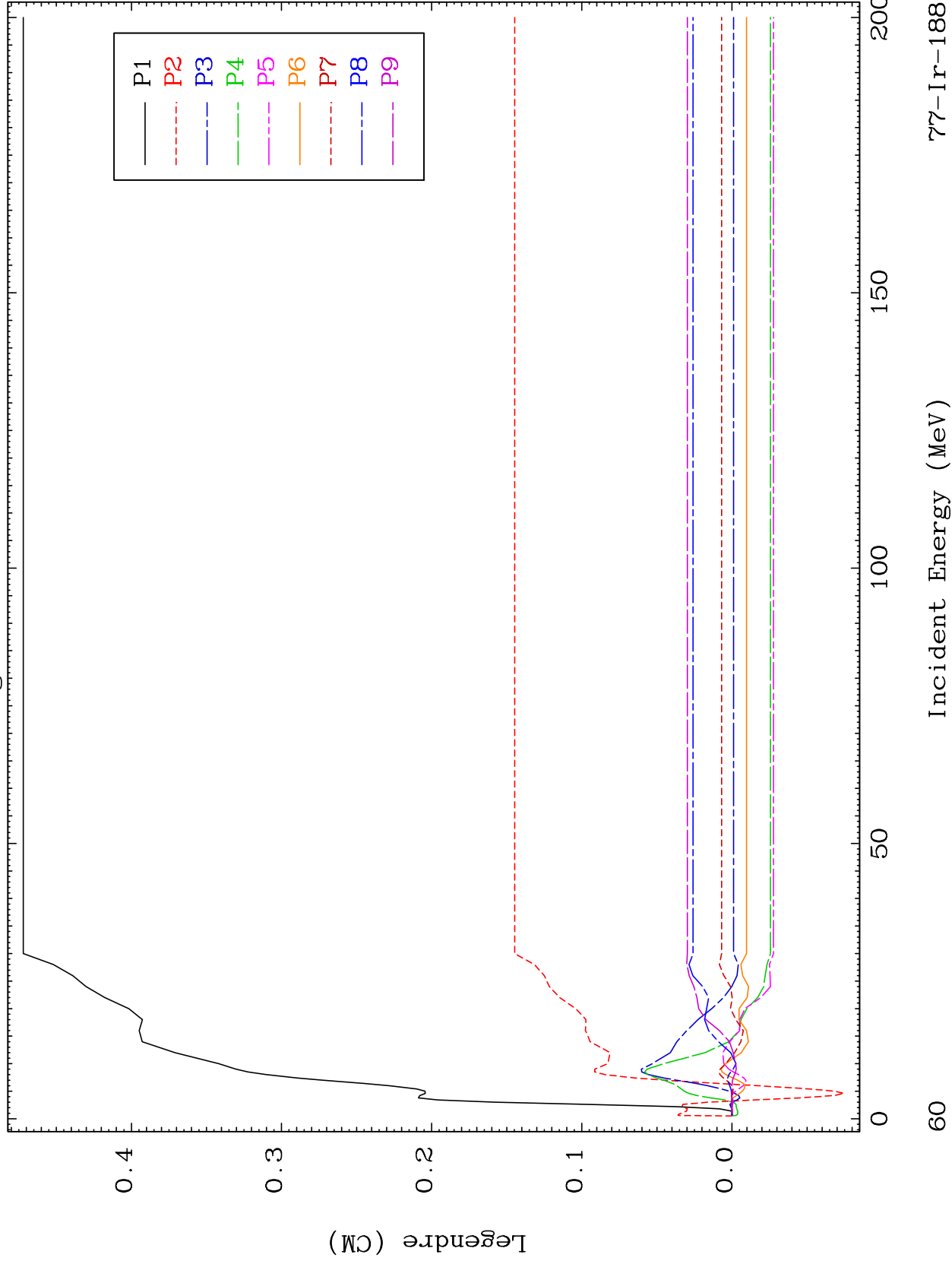




MAT 7716

492.0 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-188

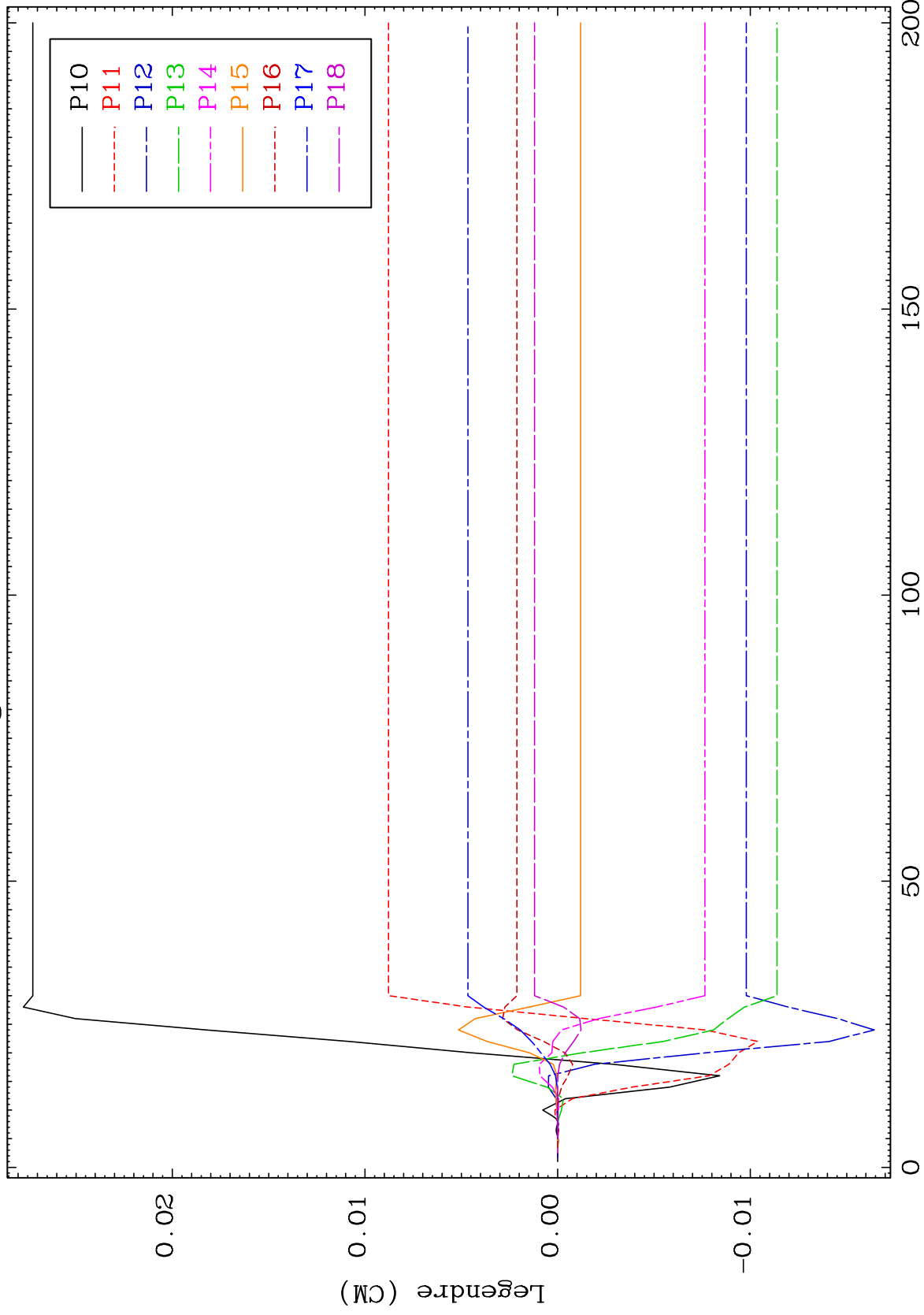


⁷⁷Ir-188

MAT 7716

492.0 keV (n,n') Level
Legendre Coefficients

77-Ir-188



61

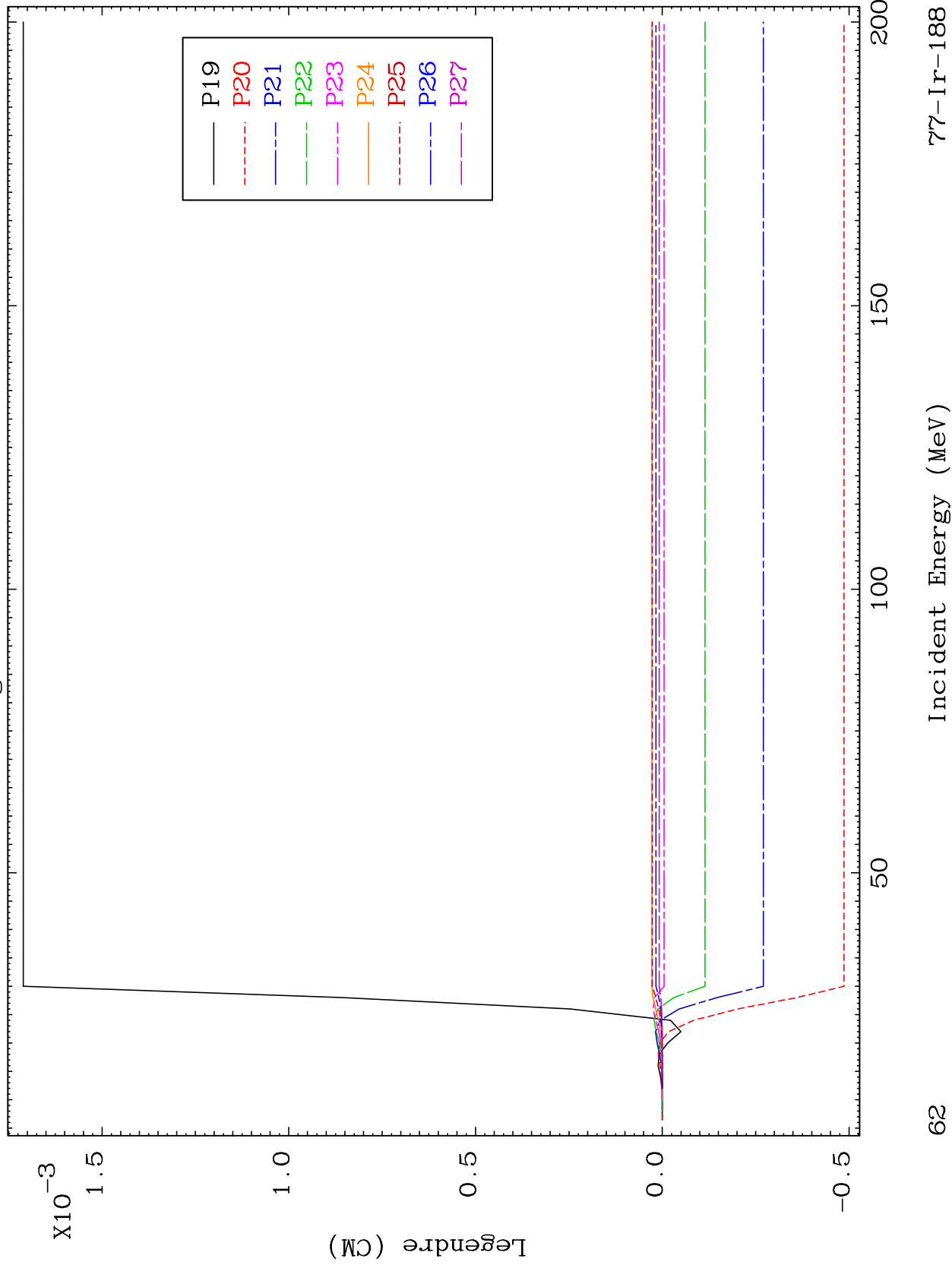
Incident Energy (MeV)

77-Ir-188

MAT 7716

492.0 keV (n,n') Level
Legendre Coefficients

77-Ir-188



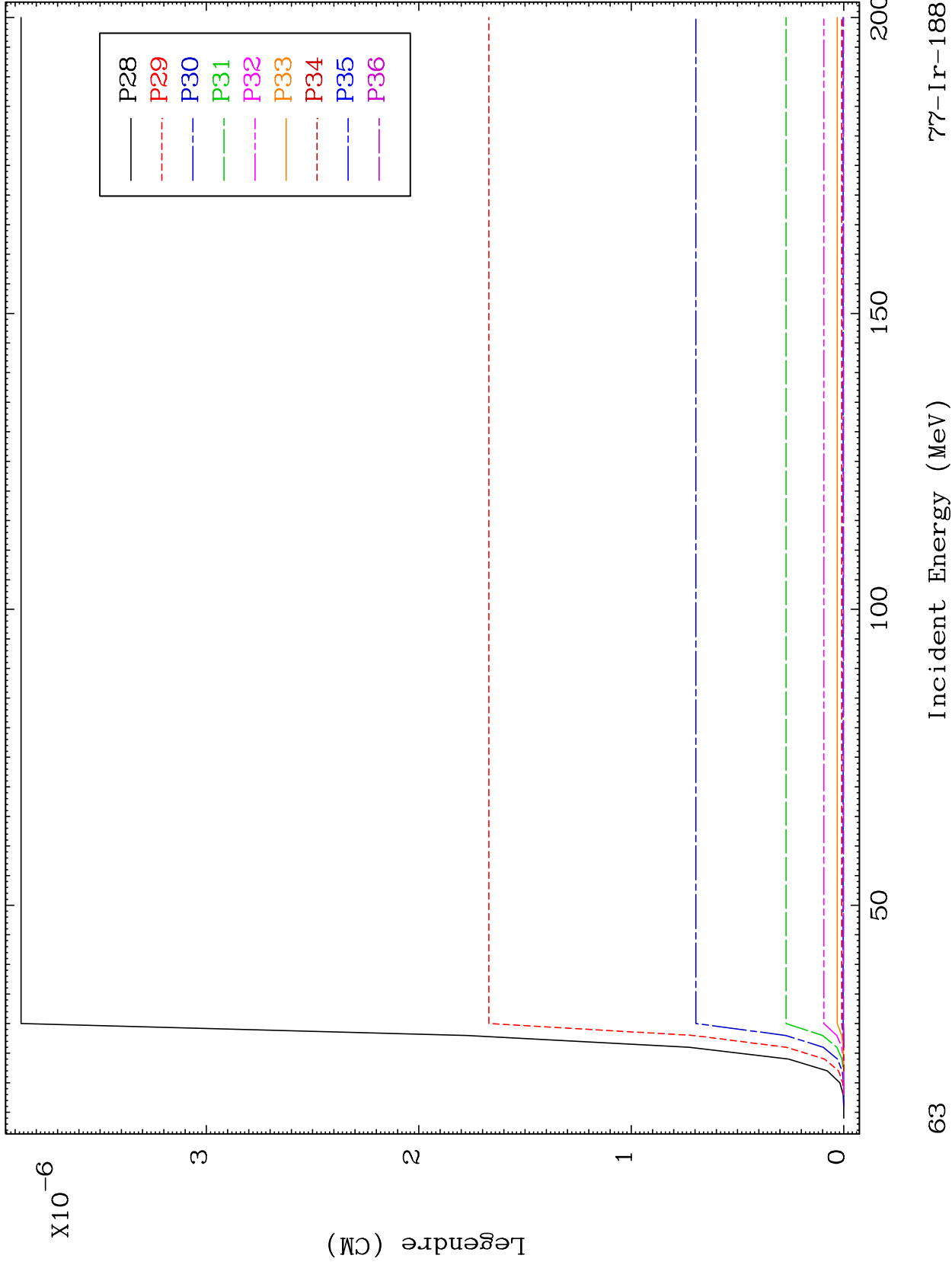
62

77-Ir-188

MAT 7716

492.0 keV (n,n') Level
Legendre Coefficients

77-Ir-188



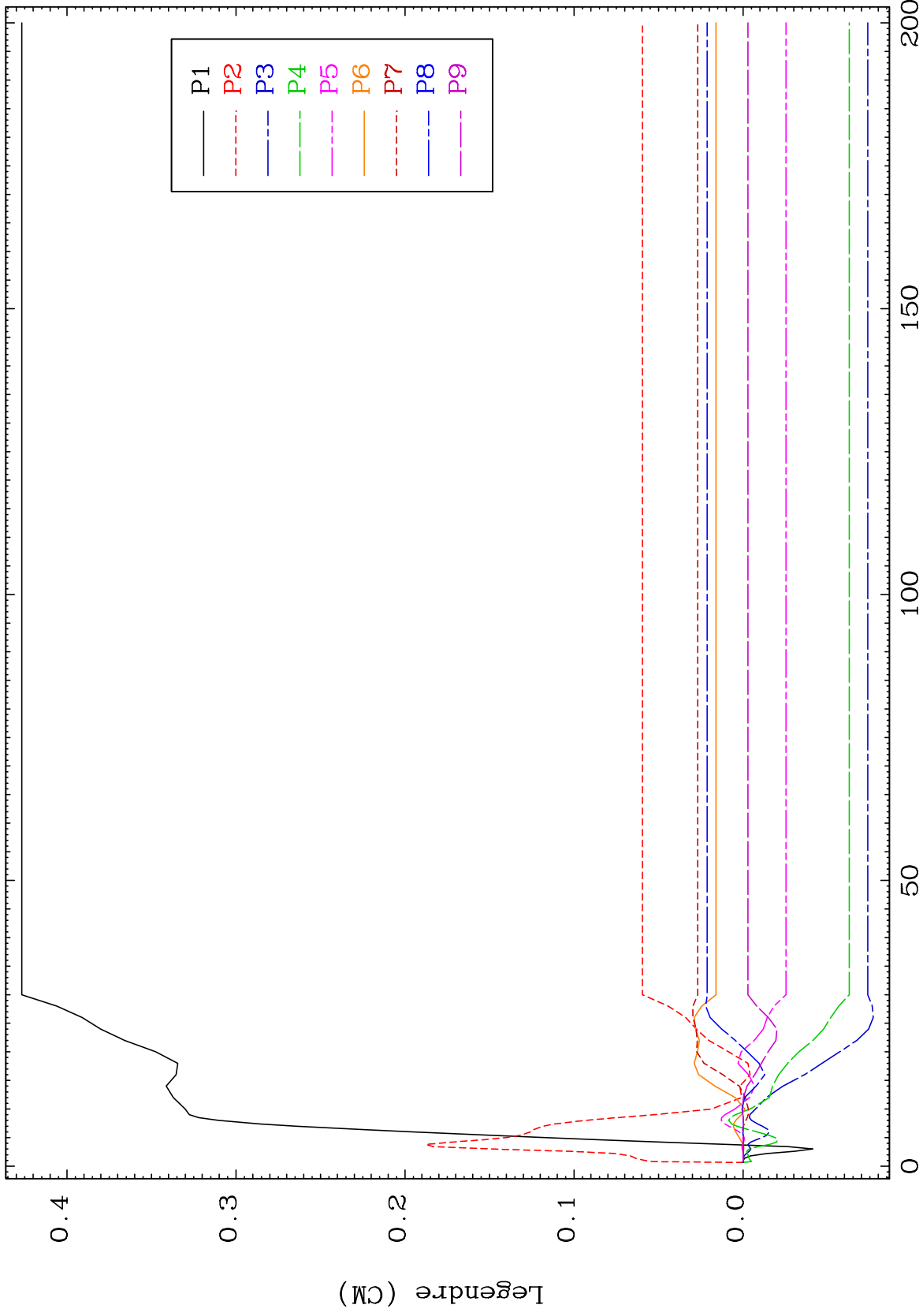
63

77-Ir-188

MAT 7716

641.9 keV (n, n') Level
Legendre Coefficients

77-Ir-188



64

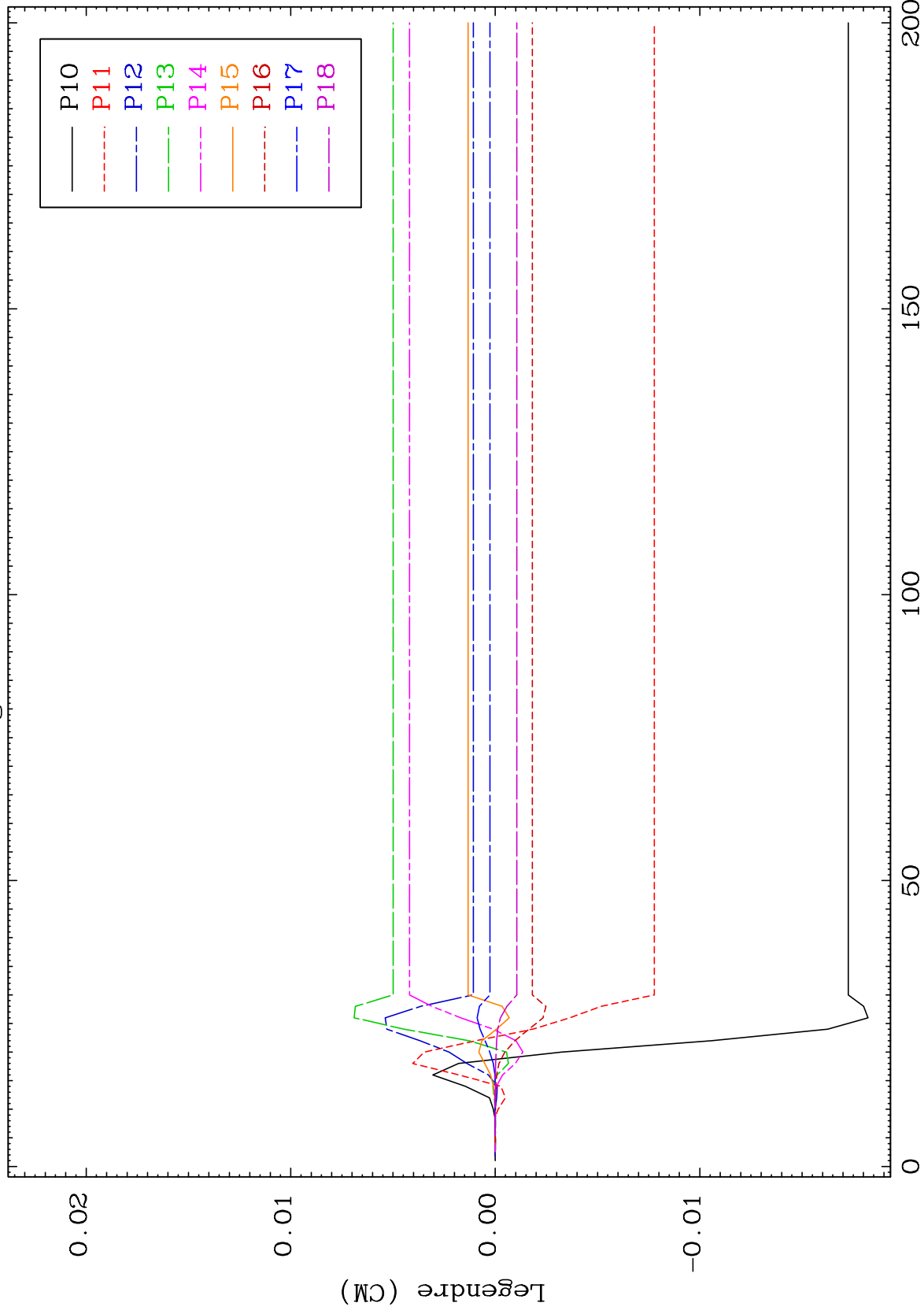
Incident Energy (MeV)

77-Ir-188

MAT 7716

641.9 keV (n,n') Level
Legendre Coefficients

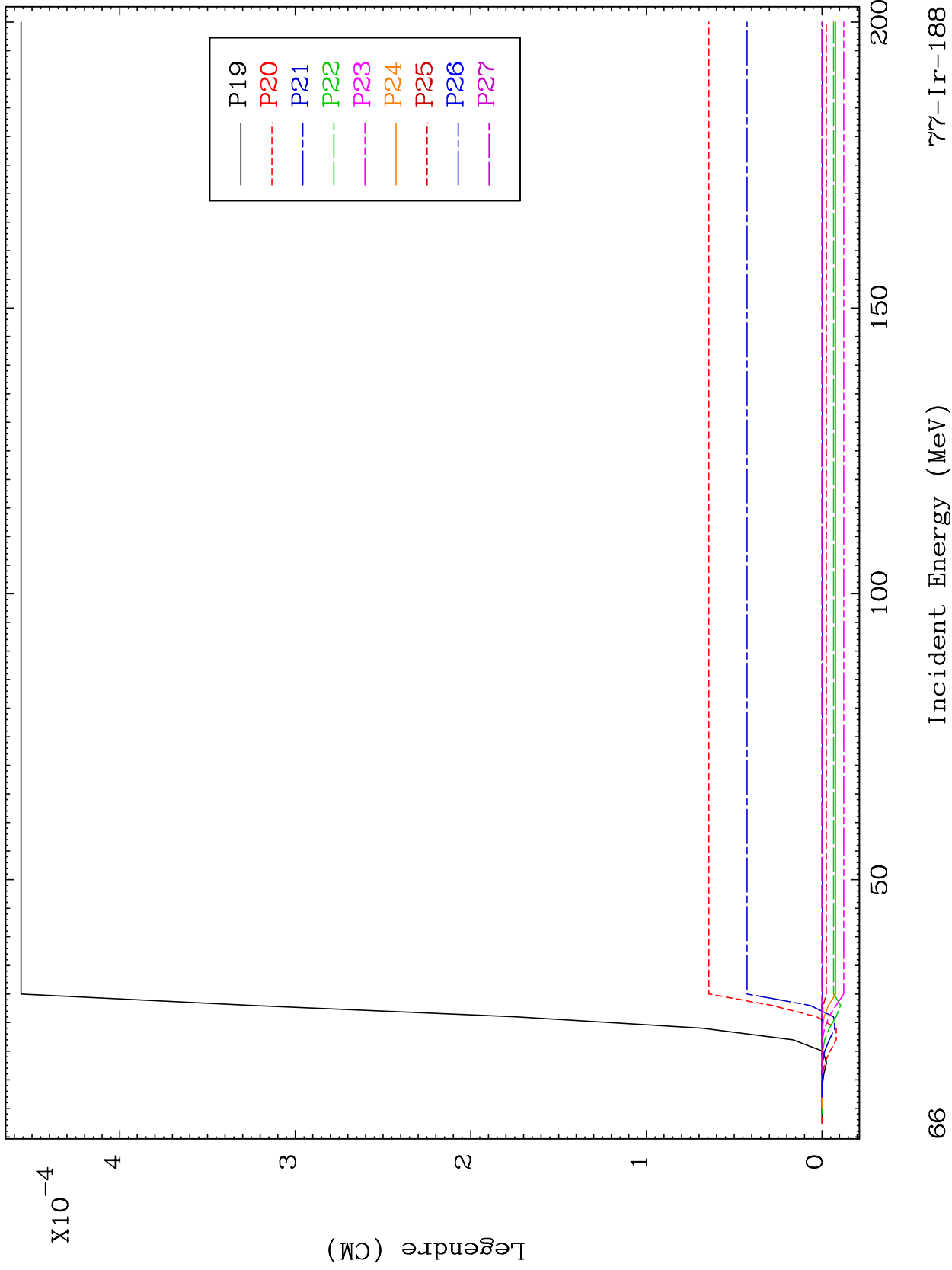
77-Ir-188



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Incident Energy (MeV)

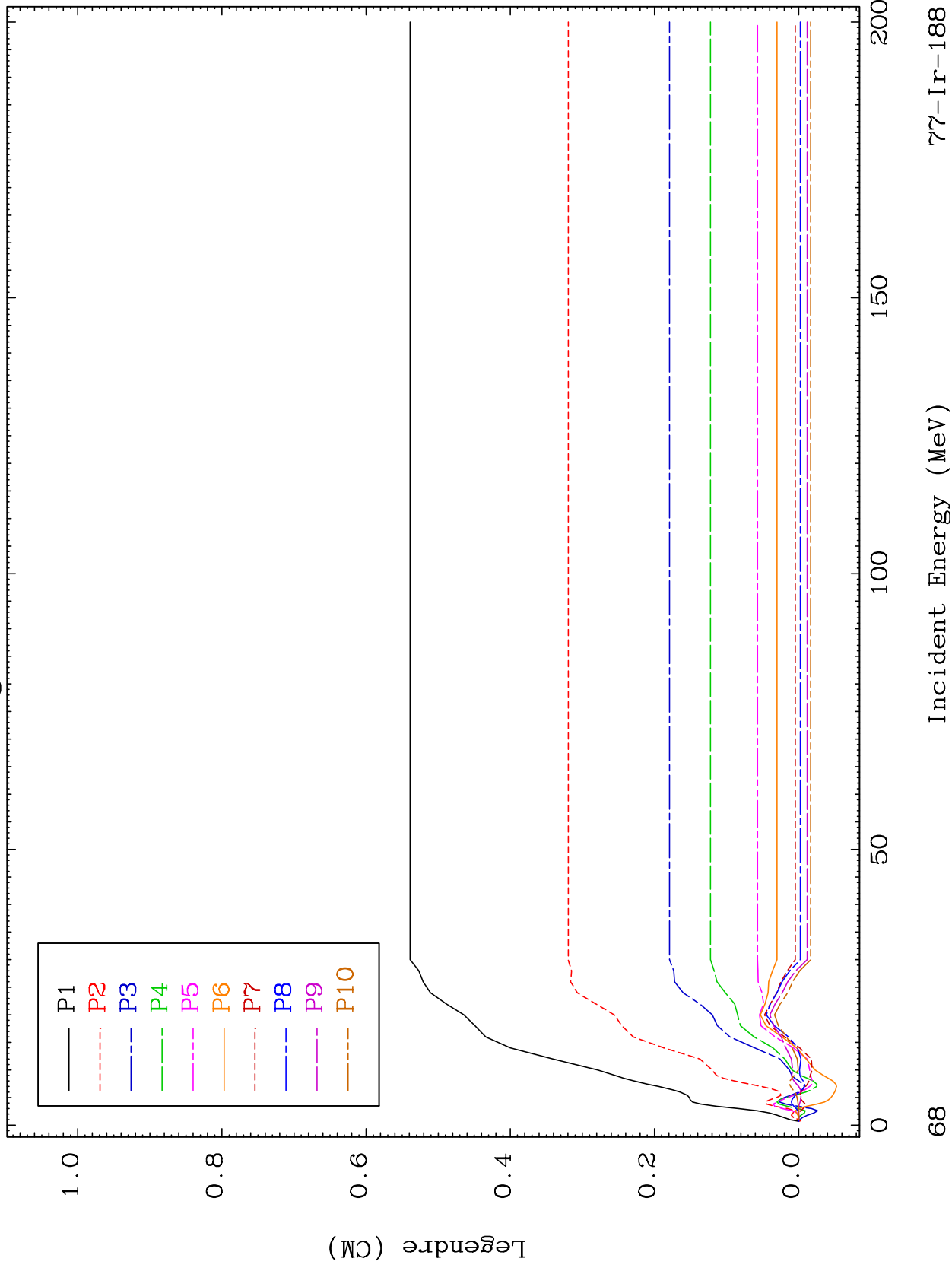
77-Ir-188



MAT 7716

674.9 keV (n,n') Level
Legendre Coefficients

77-Ir-188



77-Ir-188

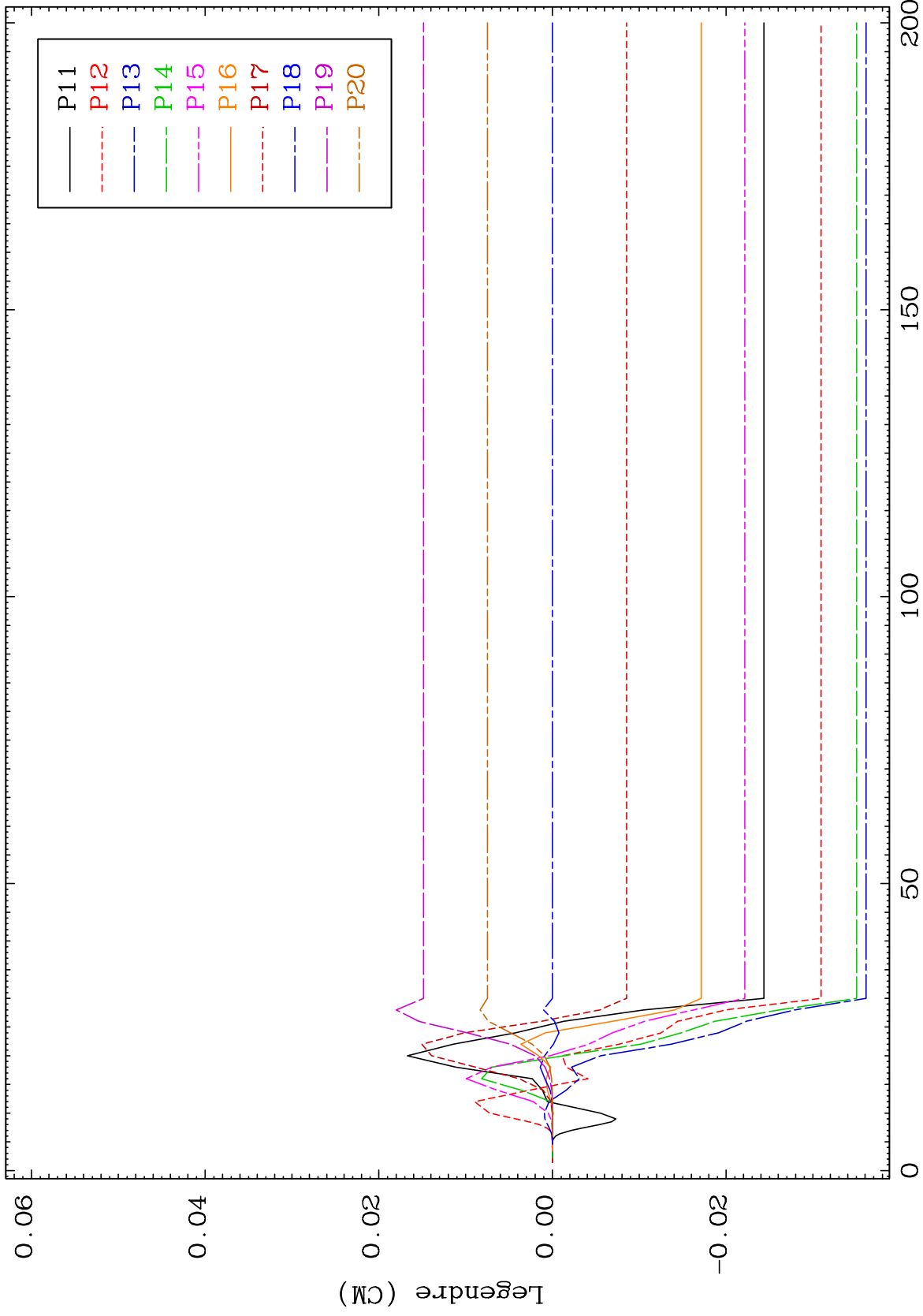
Incident Energy (MeV)

68

MAT 7716

674.9 keV (n,n') Level
Legendre Coefficients

77-Ir-188



69

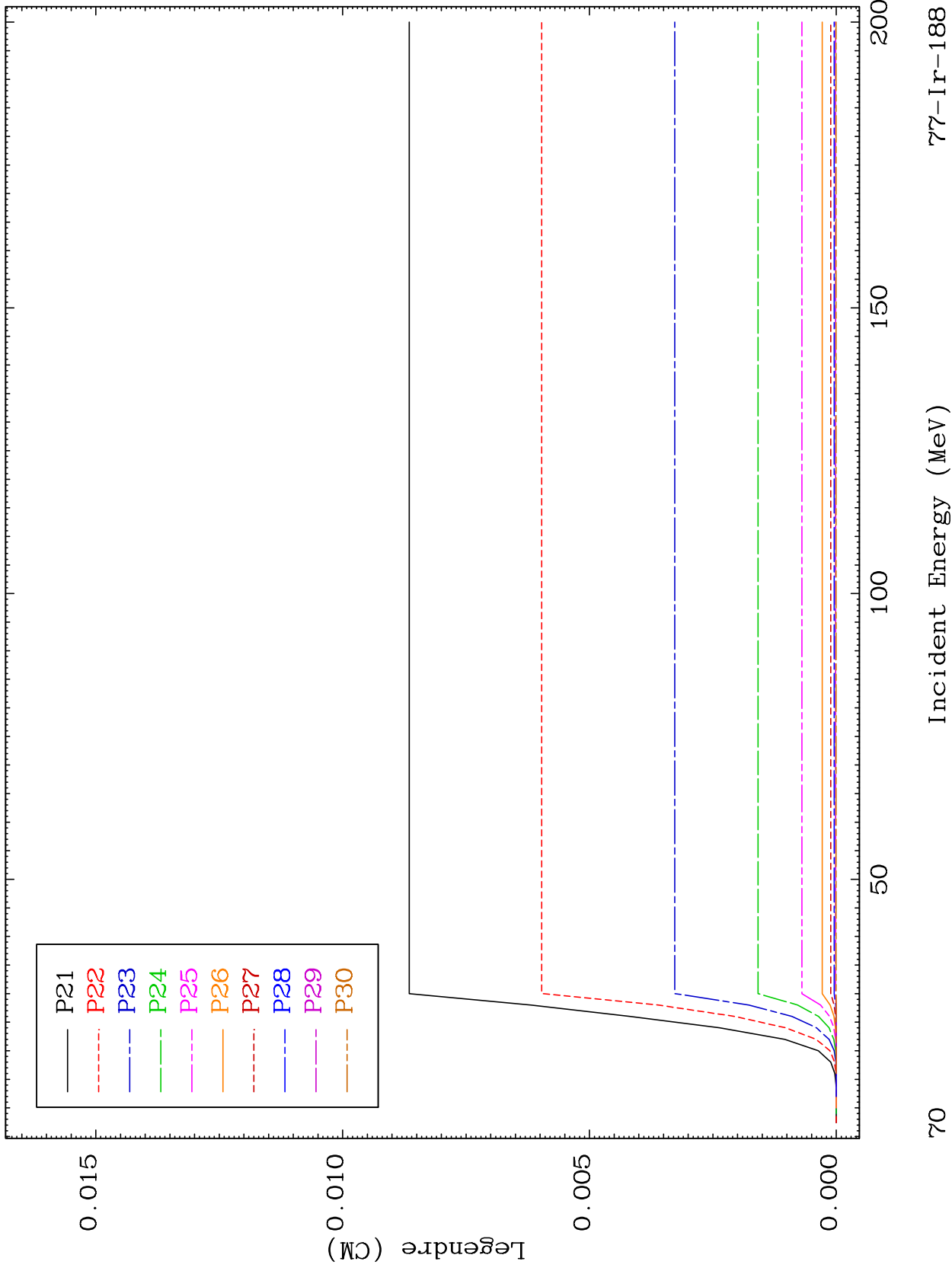
Incident Energy (MeV)

77-Ir-188

MAT 7716

674.9 keV (n,n') Level
Legendre Coefficients

77-Ir-188



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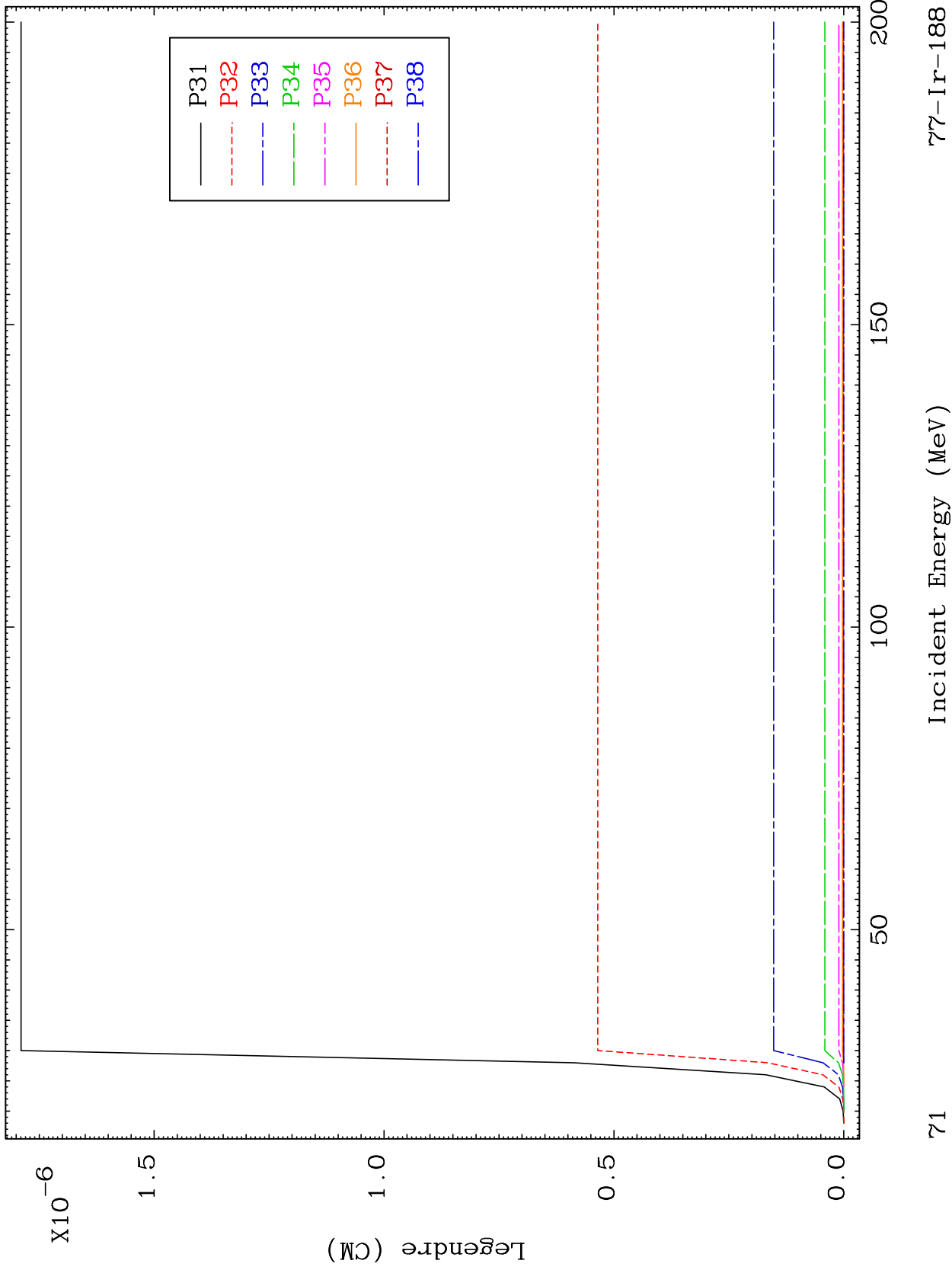
Incident Energy (MeV)

77-Ir-188

MAT 7716

674.9 keV (n,n') Level
Legendre Coefficients

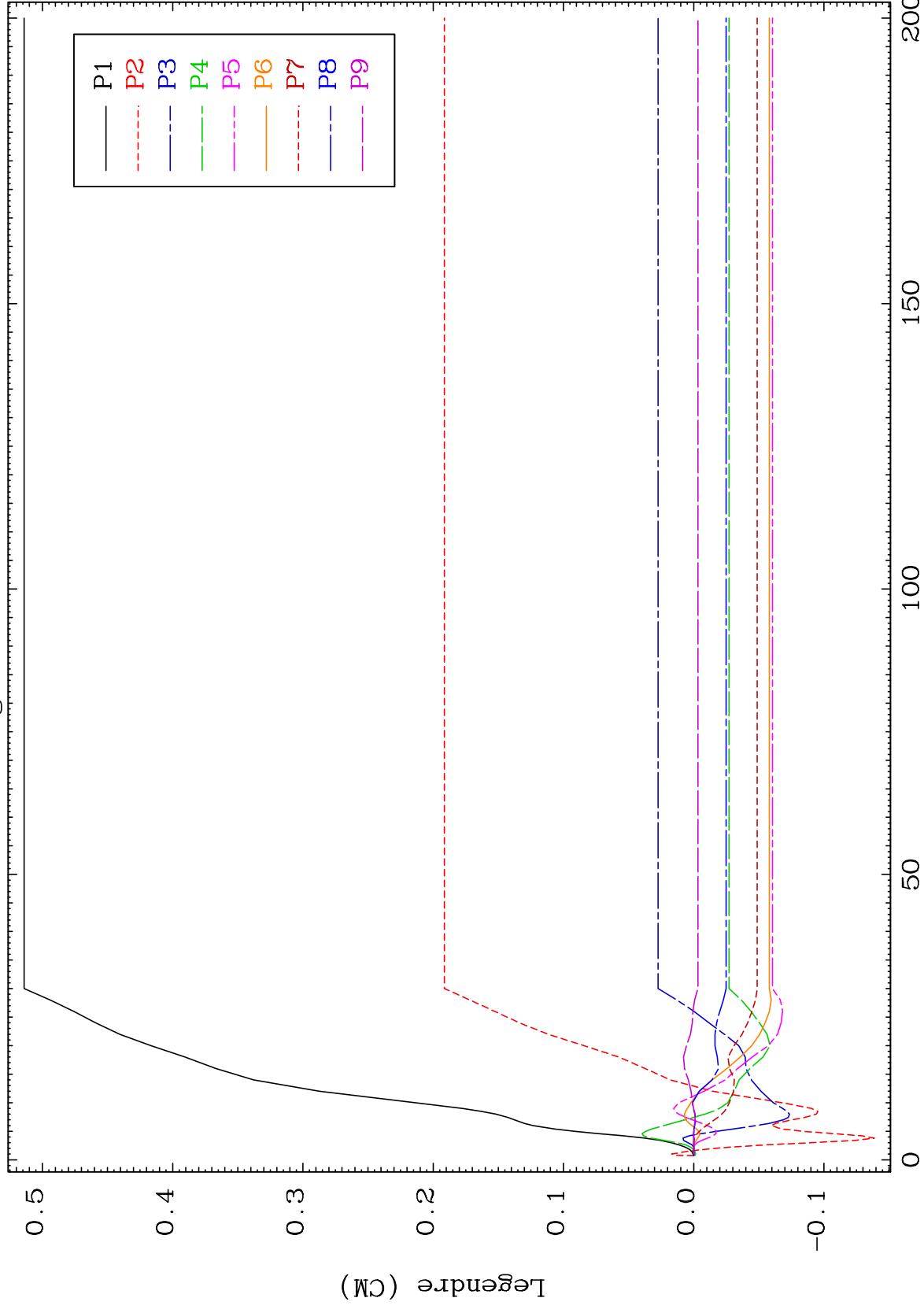
77-Ir-188



MAT 7716

708.1 keV (n,n') Level
Legendre Coefficients

77-Ir-188



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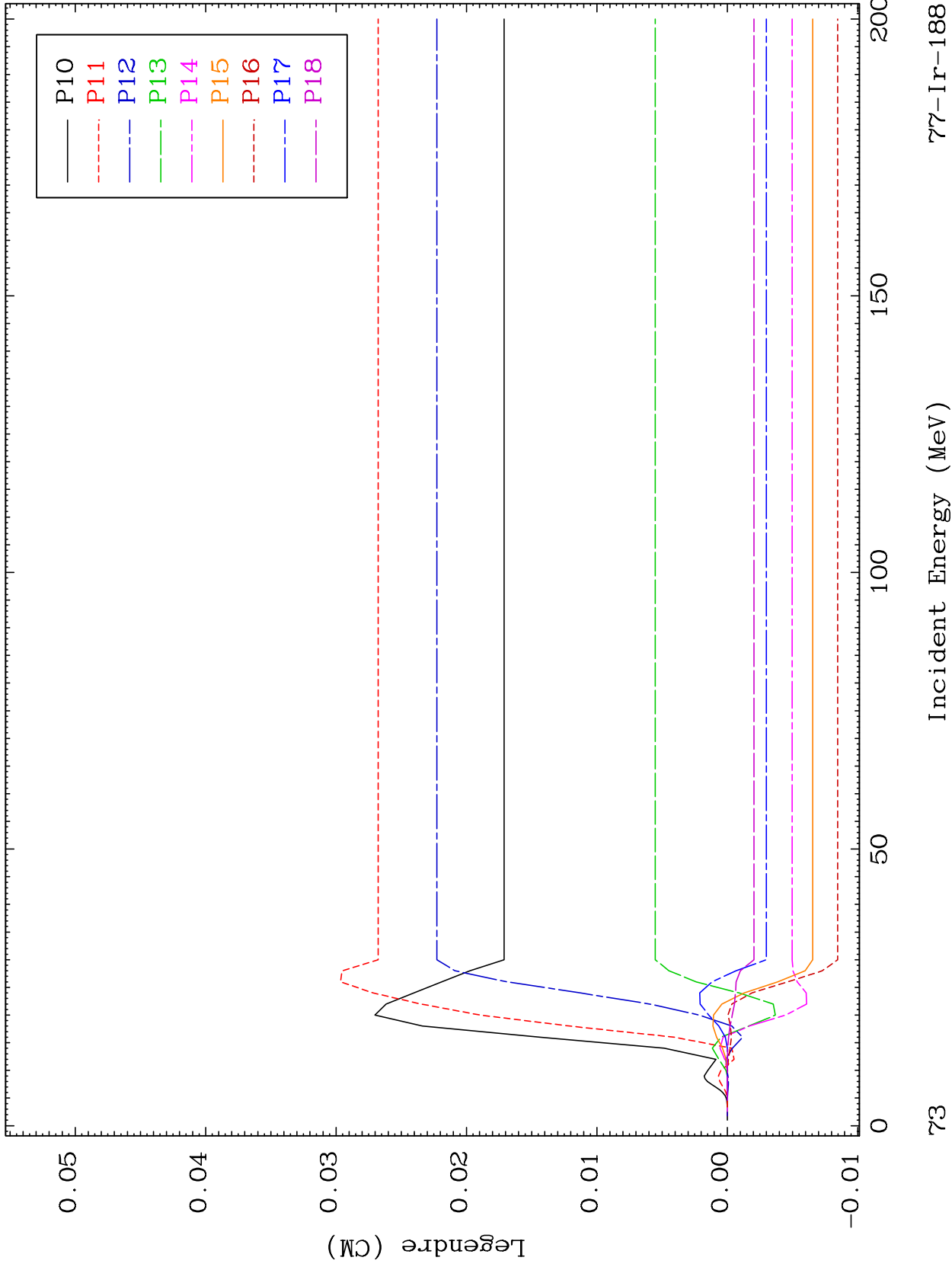
Incident Energy (MeV)

77-Ir-188

MAT 7716

708.1 keV (n,n') Level
Legendre Coefficients

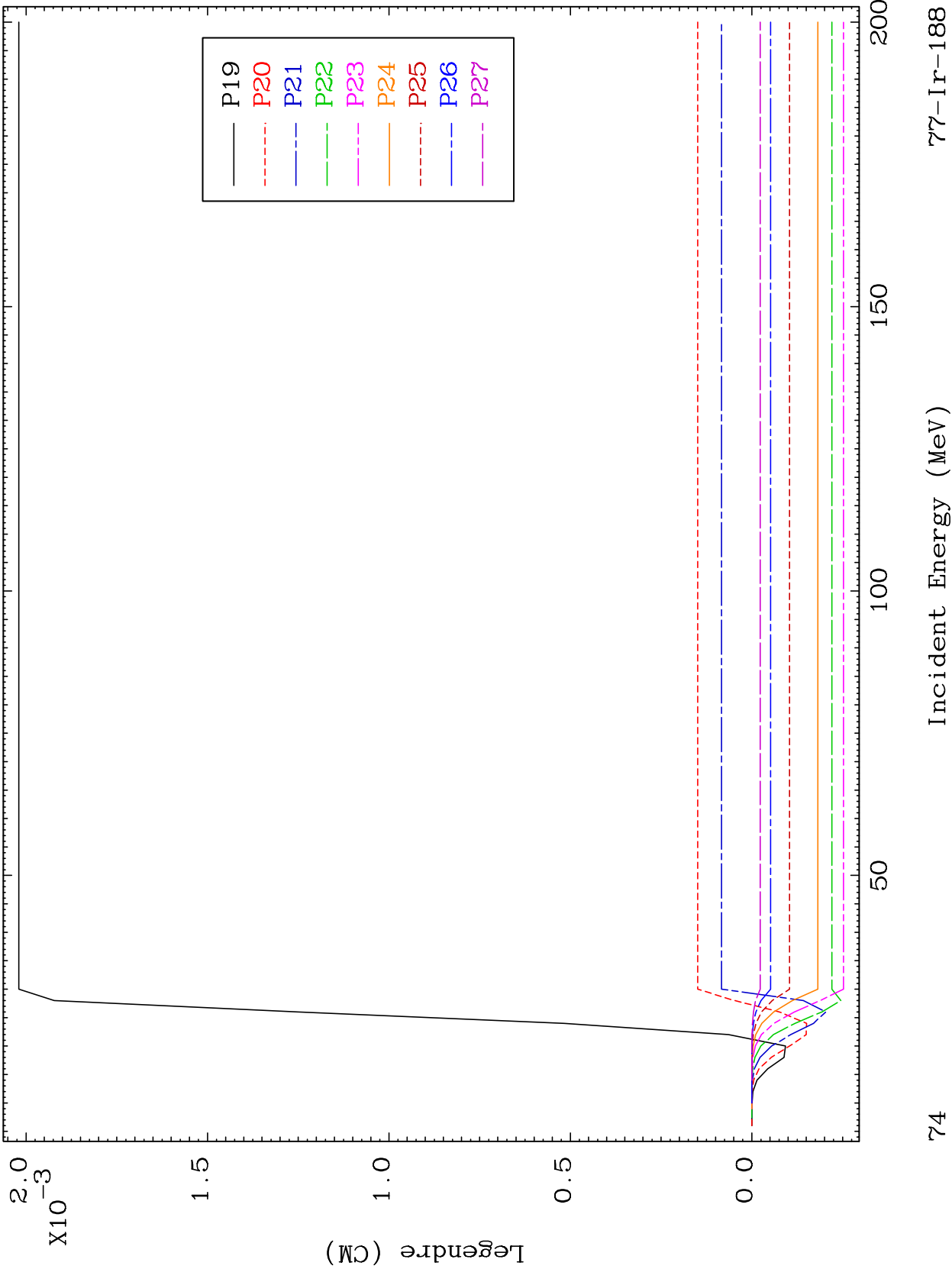
77-Ir-188

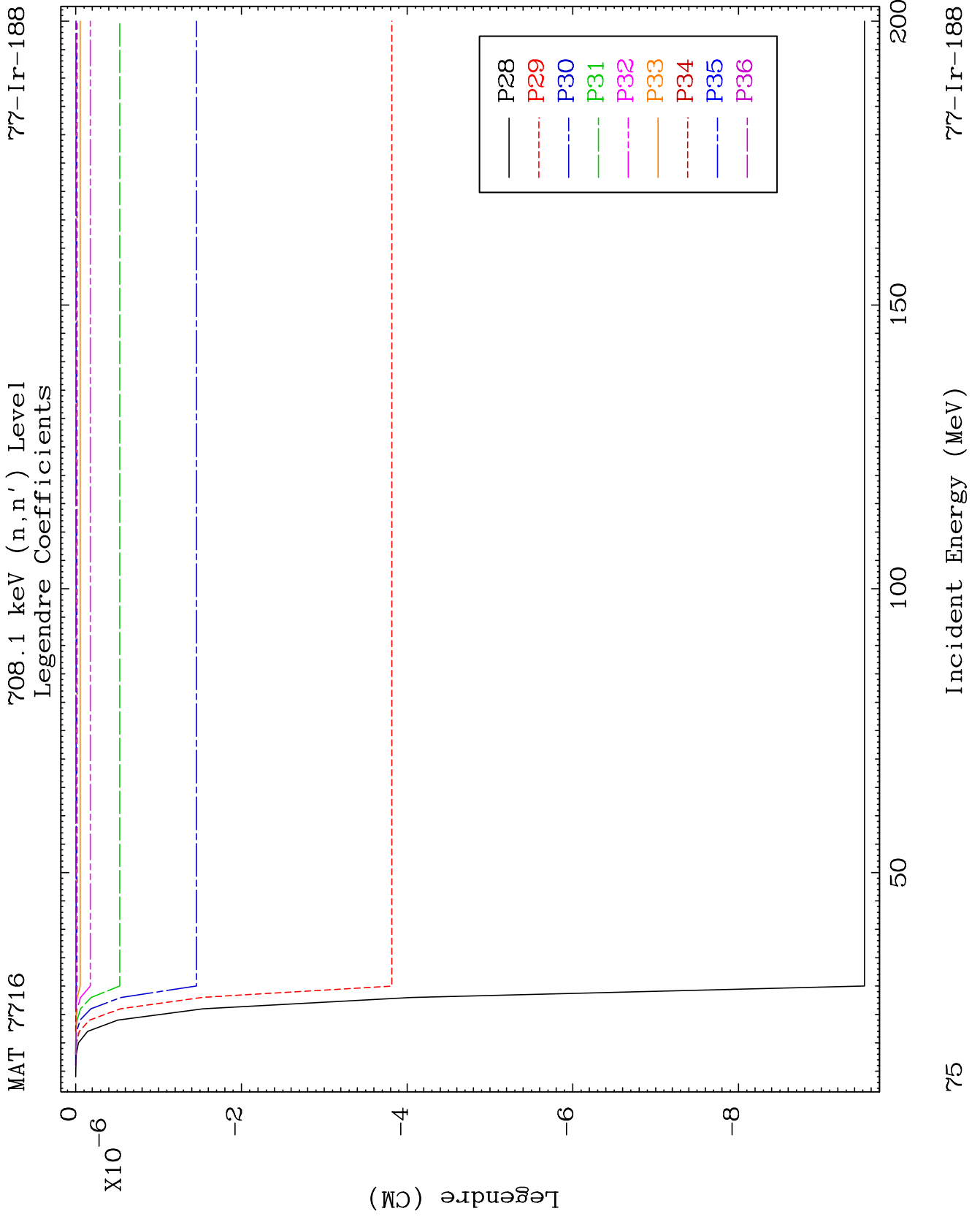


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Incident Energy (MeV)

77-Ir-188

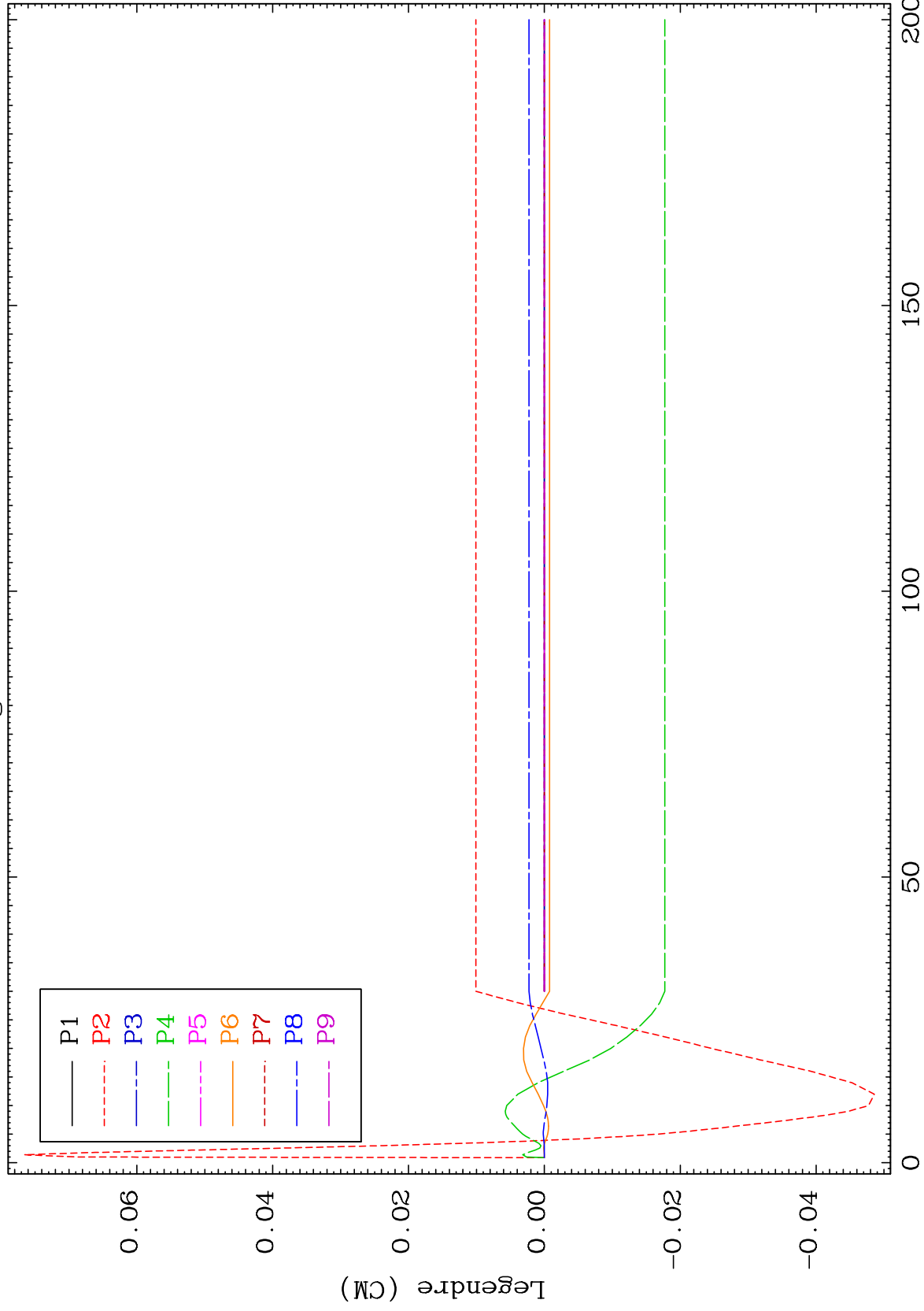




MAT 7716

877.8 keV (n,n') Level
Legendre Coefficients

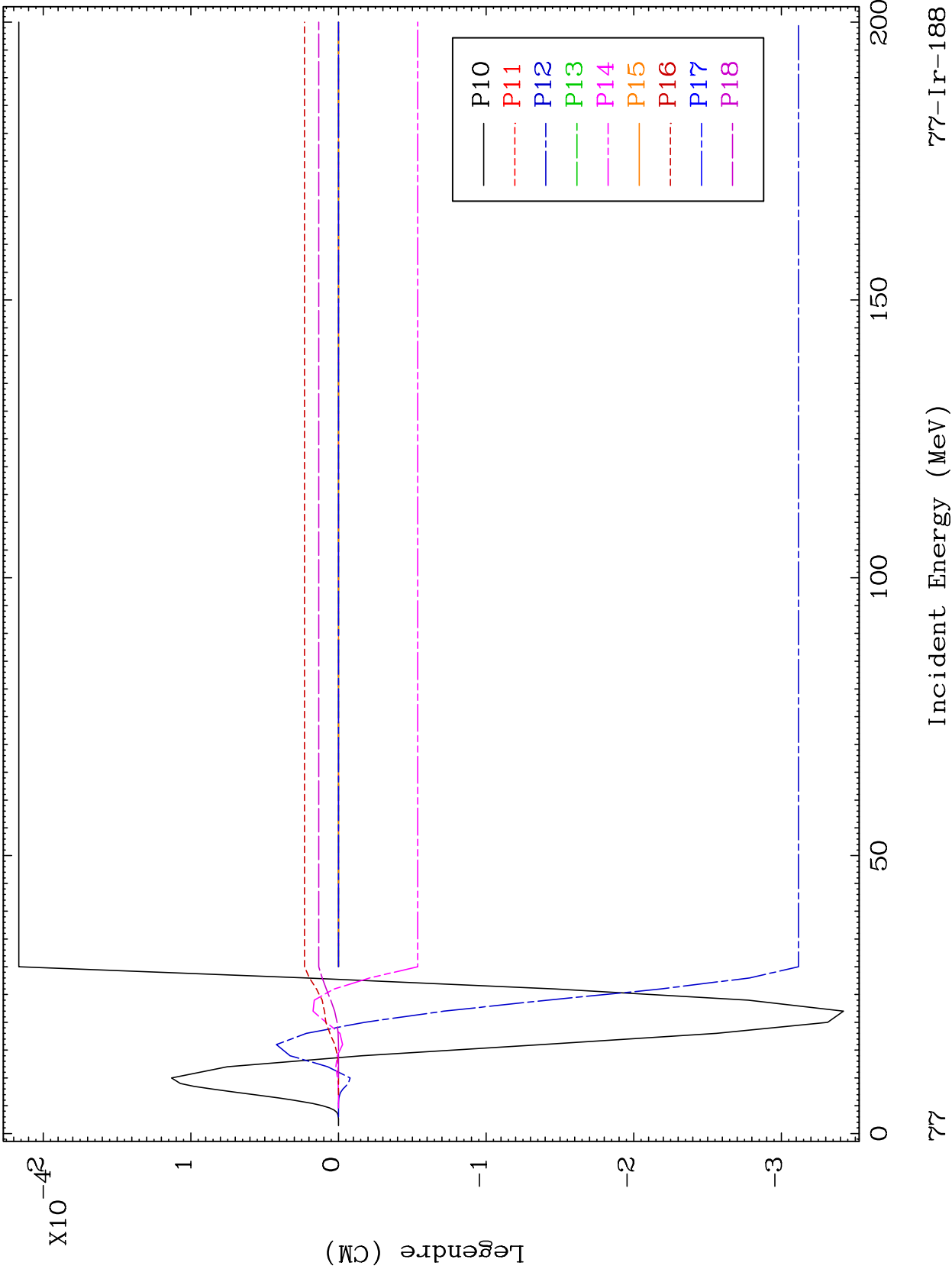
77-Ir-188

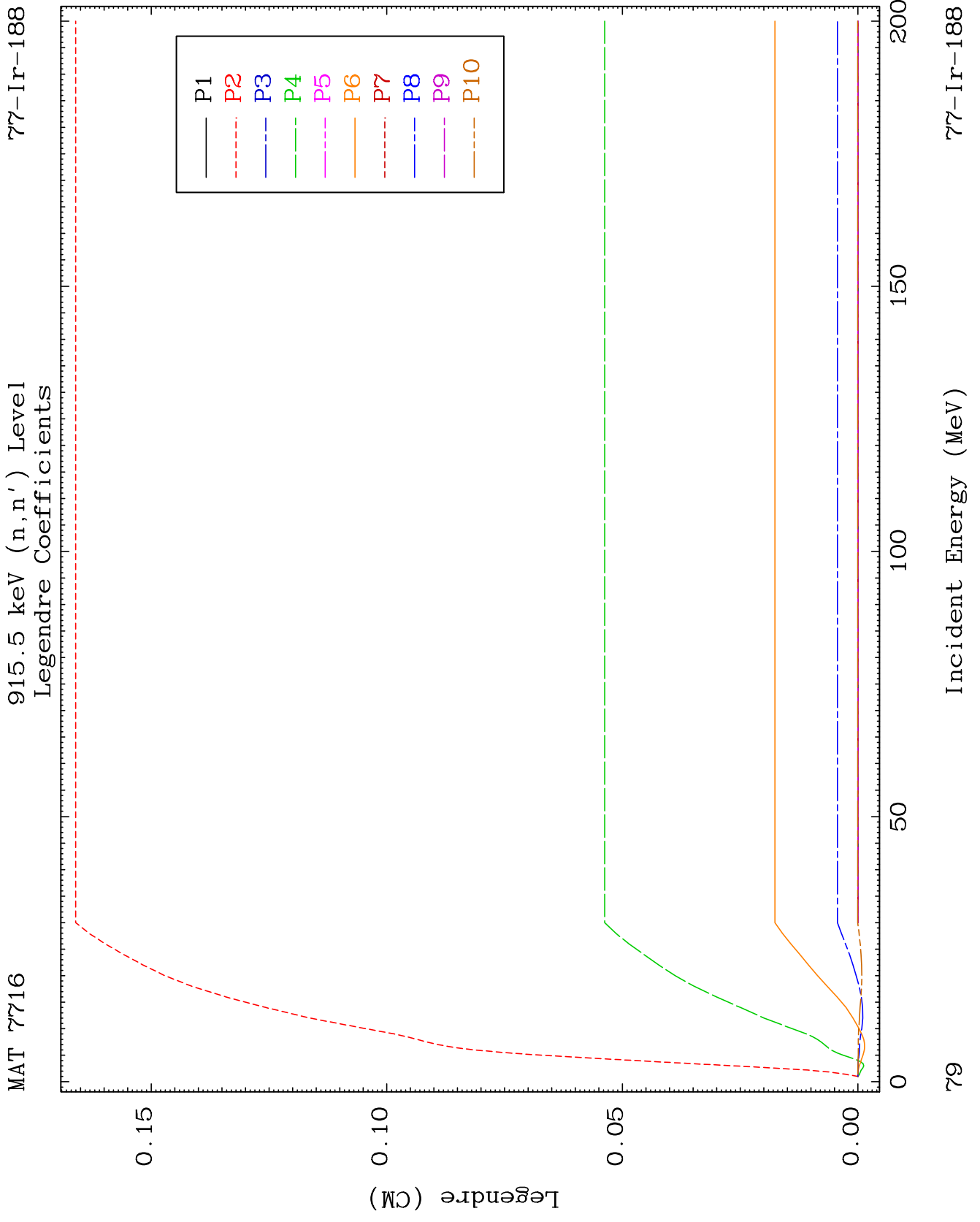


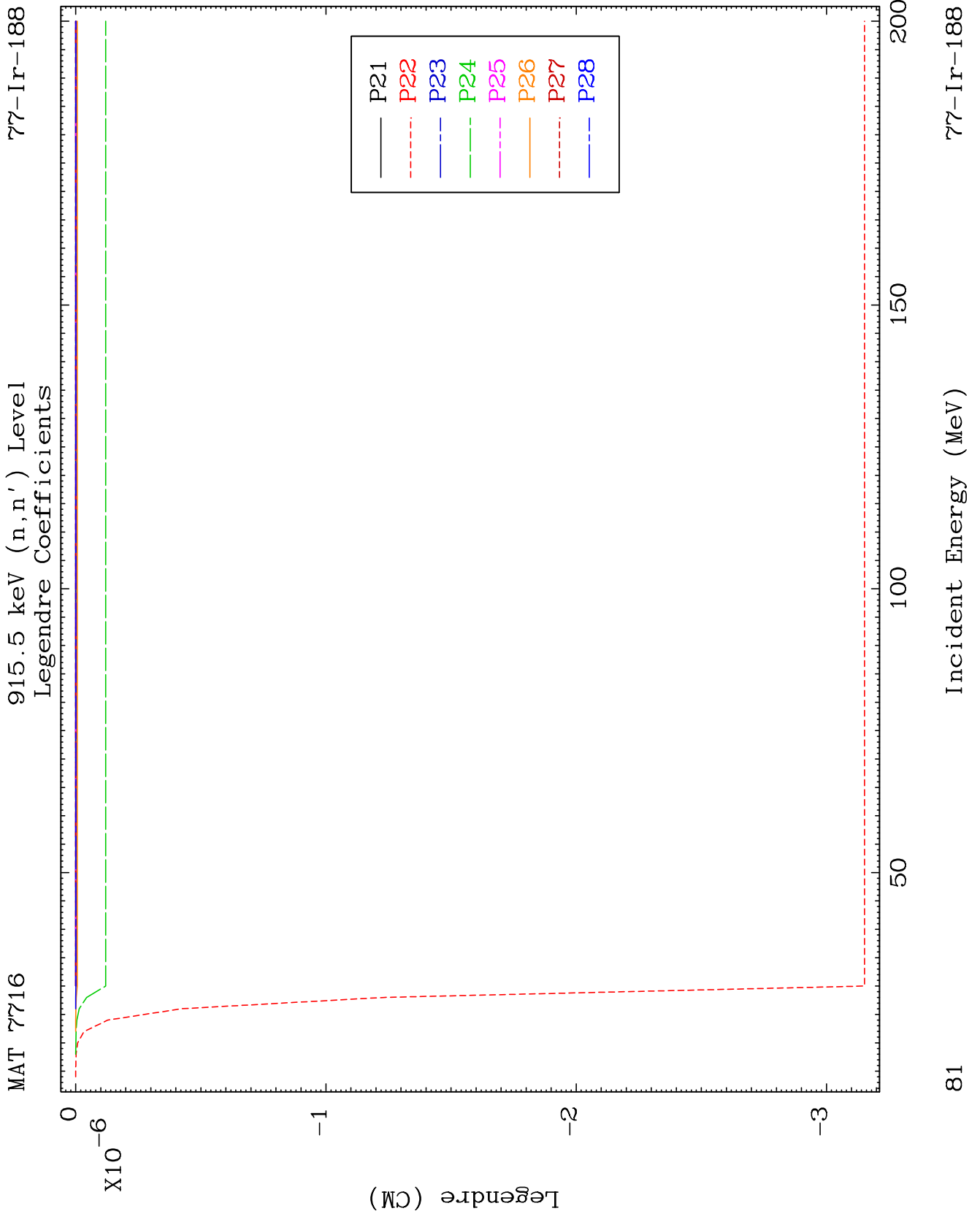
76

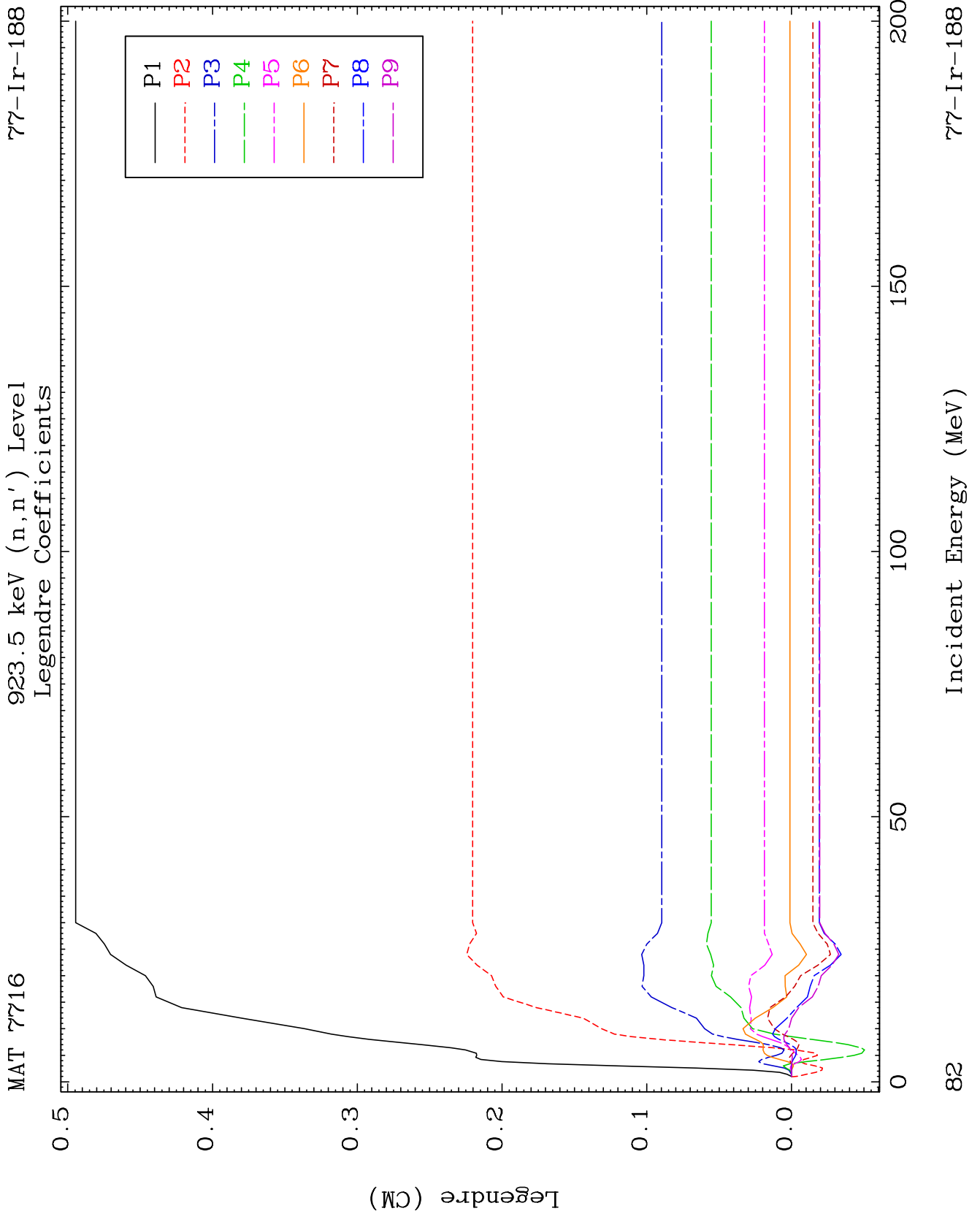
Incident Energy (MeV)

77-Ir-188





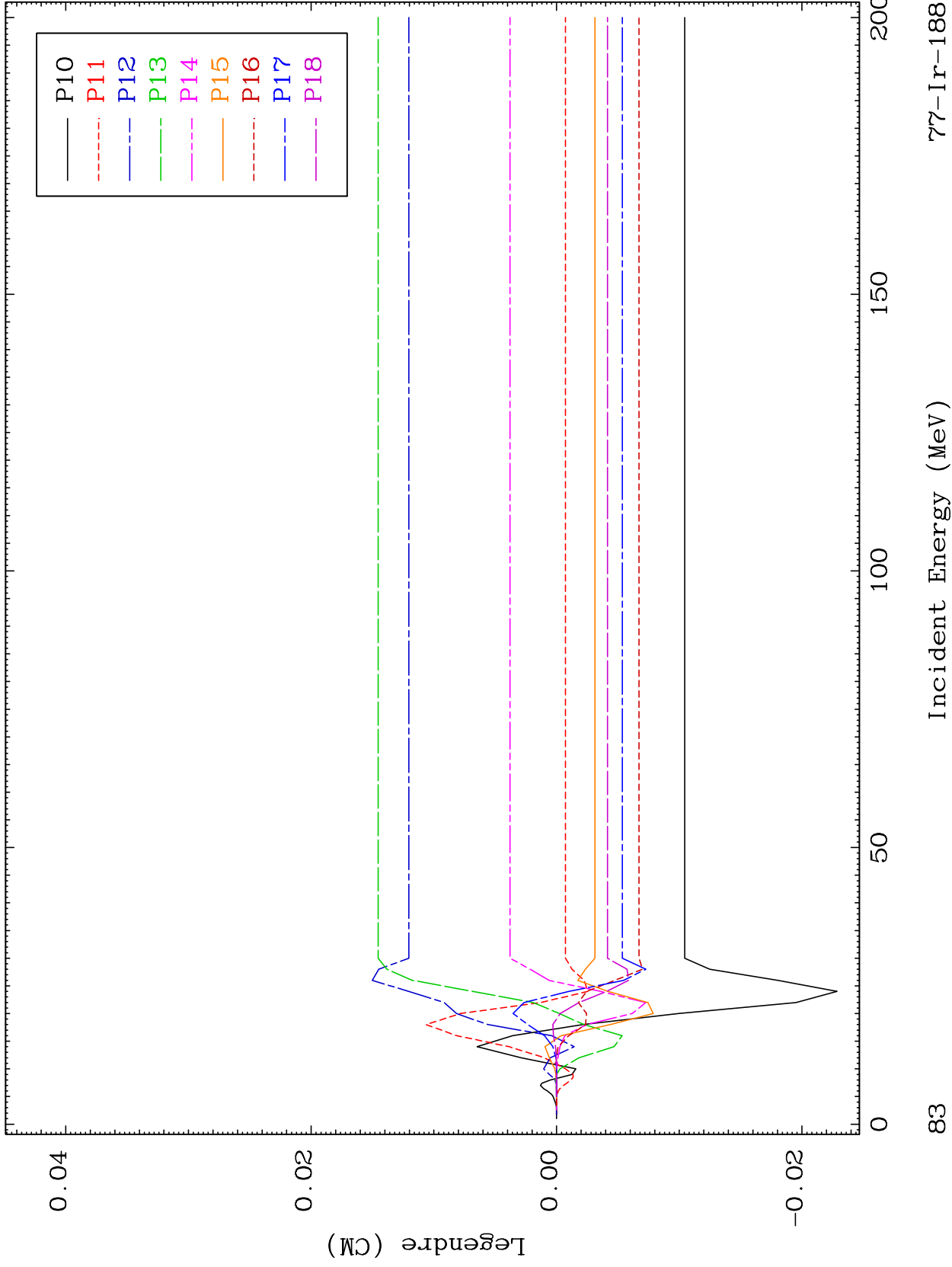




MAT 7716

923.5 keV (n,n') Level
Legendre Coefficients

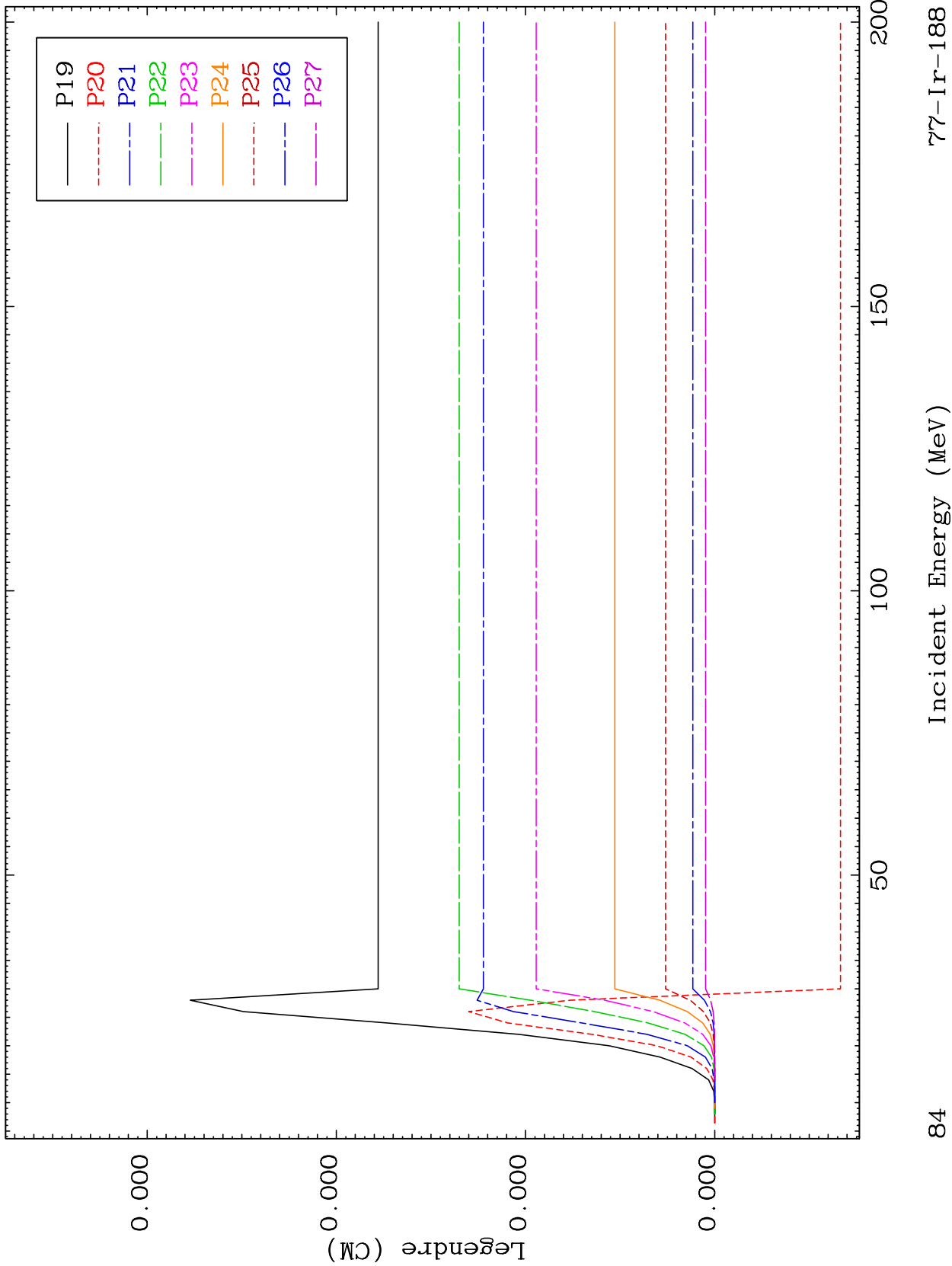
77-Ir-188



77-Ir-188

Incident Energy (MeV)

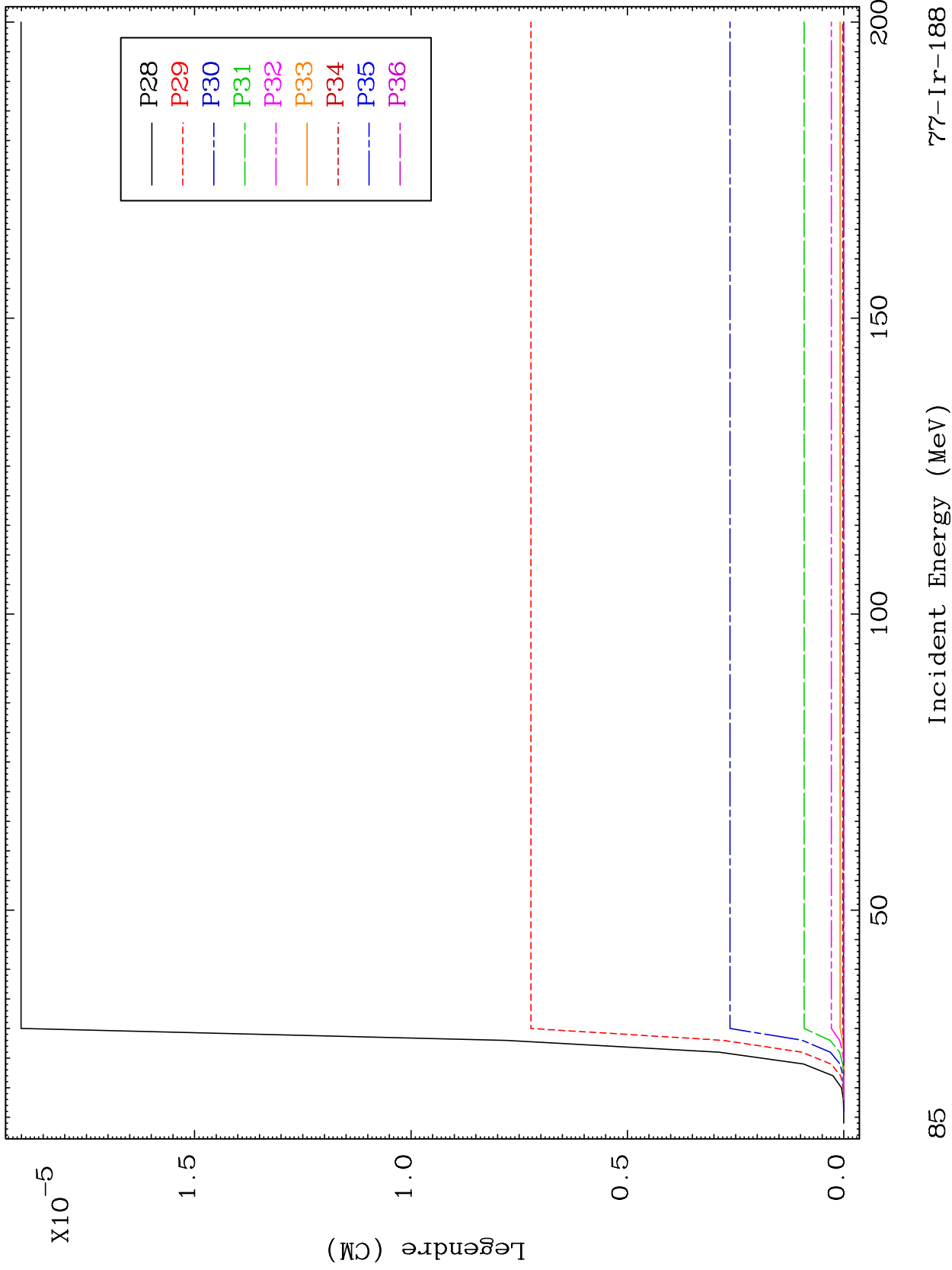
83



MAT 7716

923.5 keV (n,n') Level
Legendre Coefficients

77-Ir-188



85

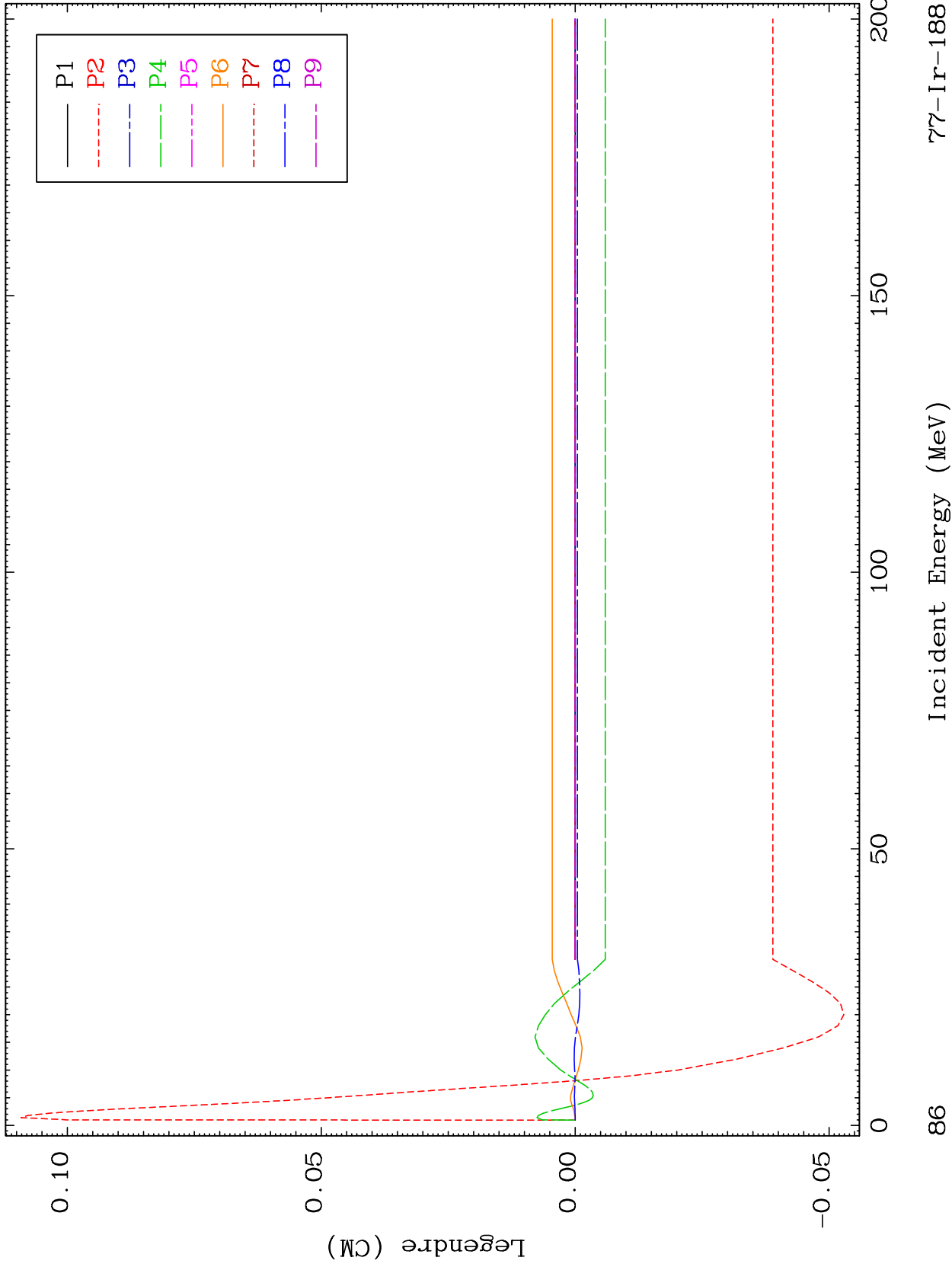
Incident Energy (MeV)

77-Ir-188

MAT 7716

928.6 keV (n,n') Level
Legendre Coefficients

77-Ir-188



77-Ir-188

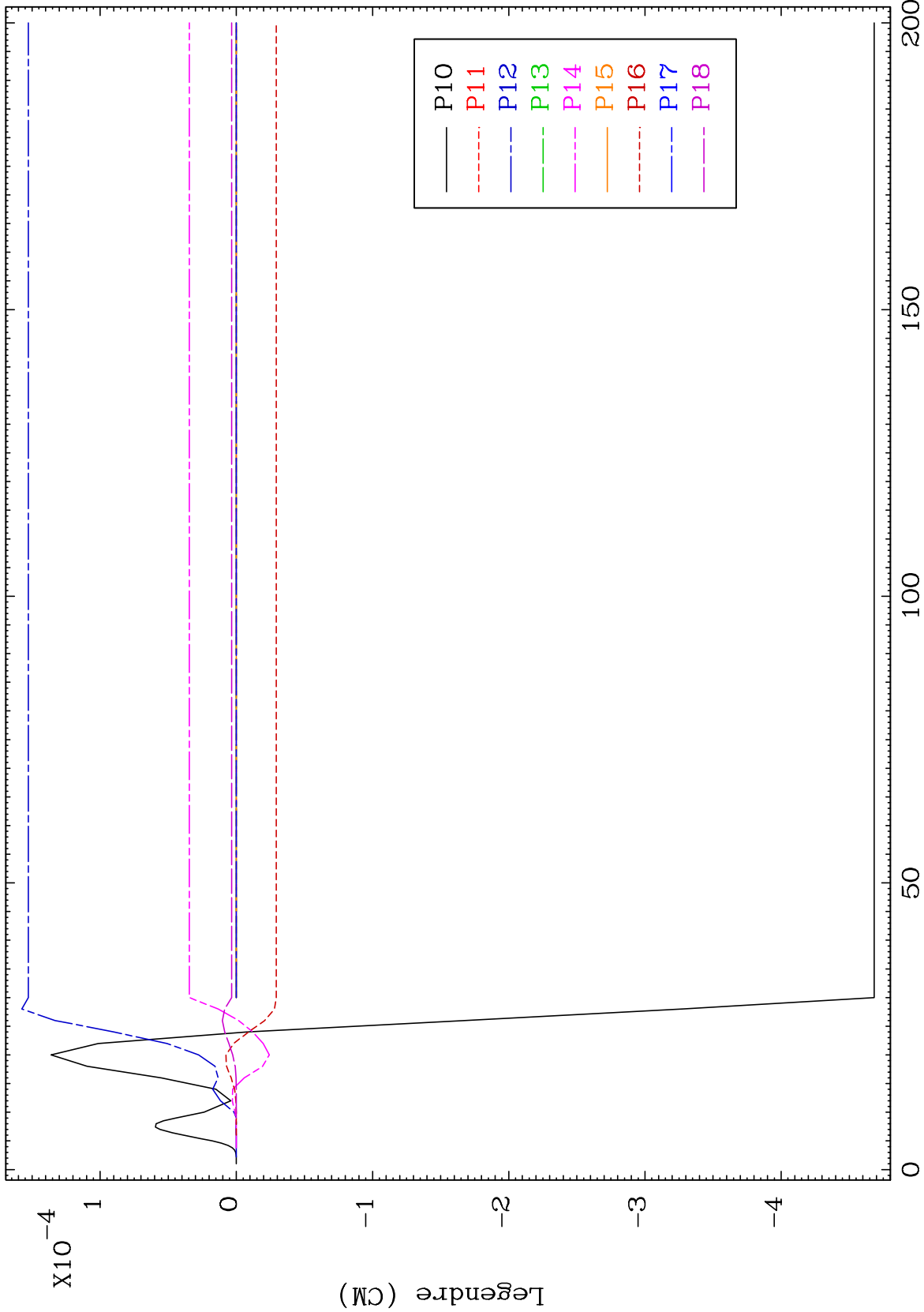
Incident Energy (MeV)

86

MAT 7716

928.6 keV (n,n') Level
Legendre Coefficients

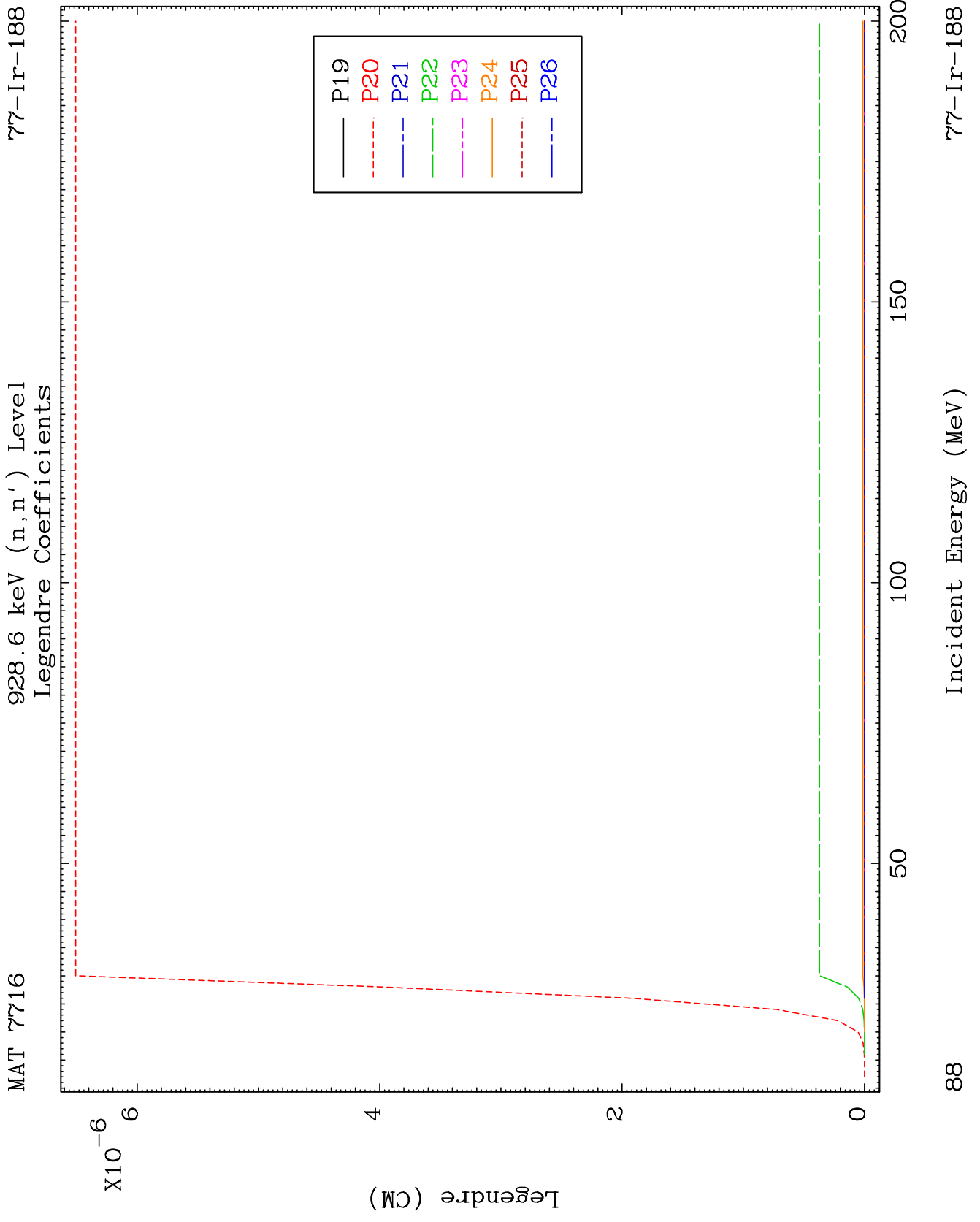
77-Ir-188

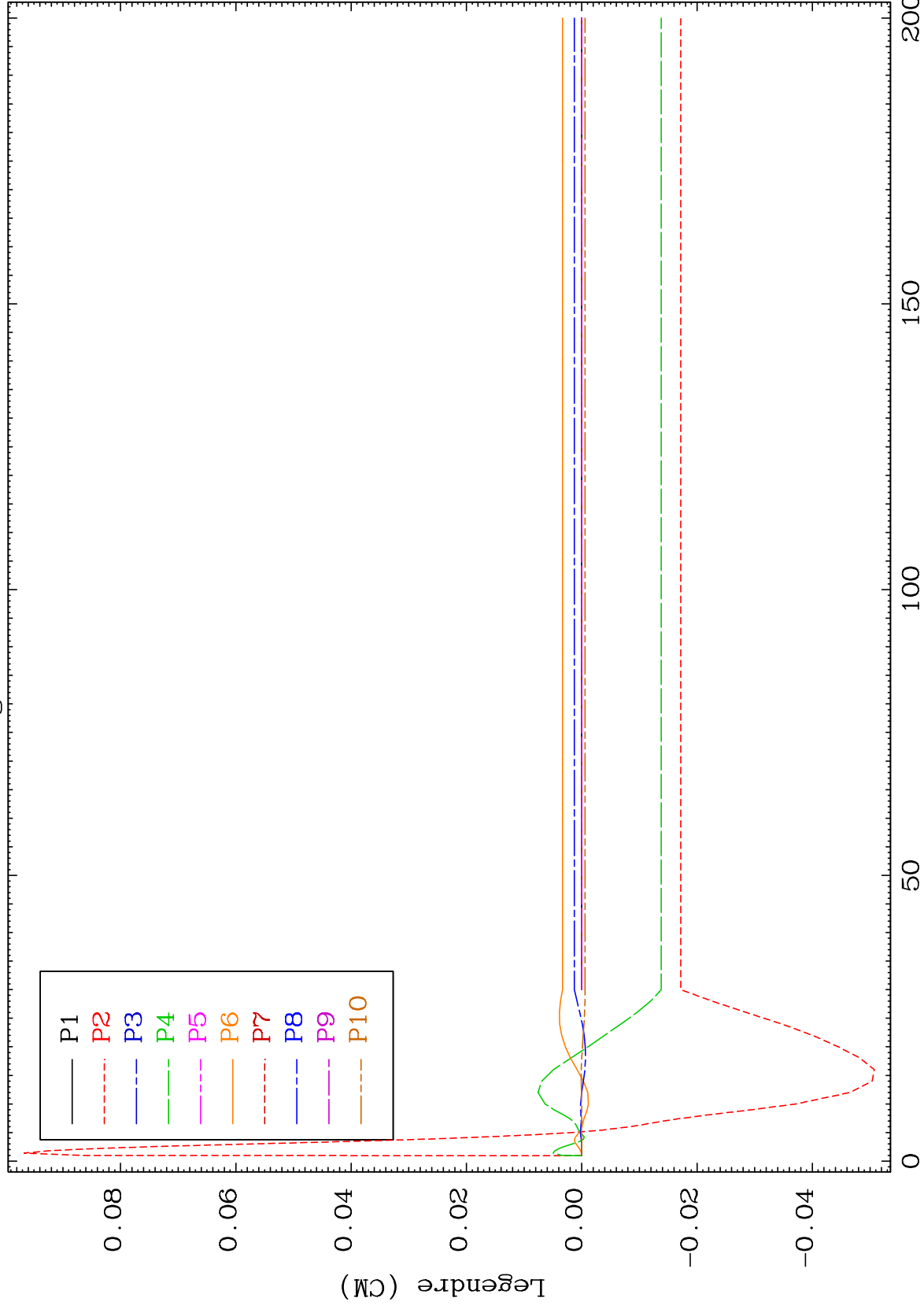


87

Incident Energy (MeV)

77-Ir-188

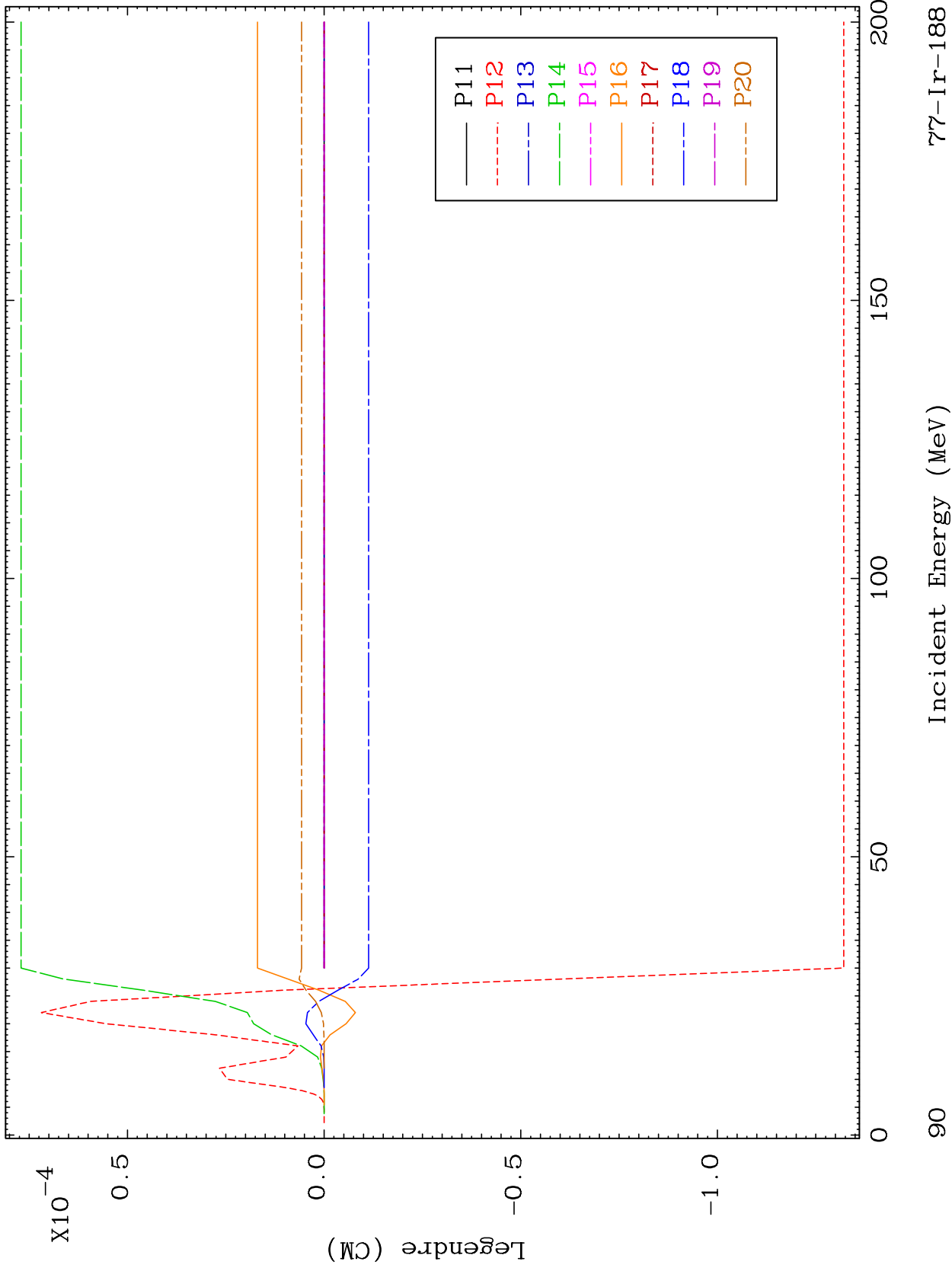




MAT 7716

930.1 keV (n,n') Level
Legendre Coefficients

77-Ir-188



77-Ir-188

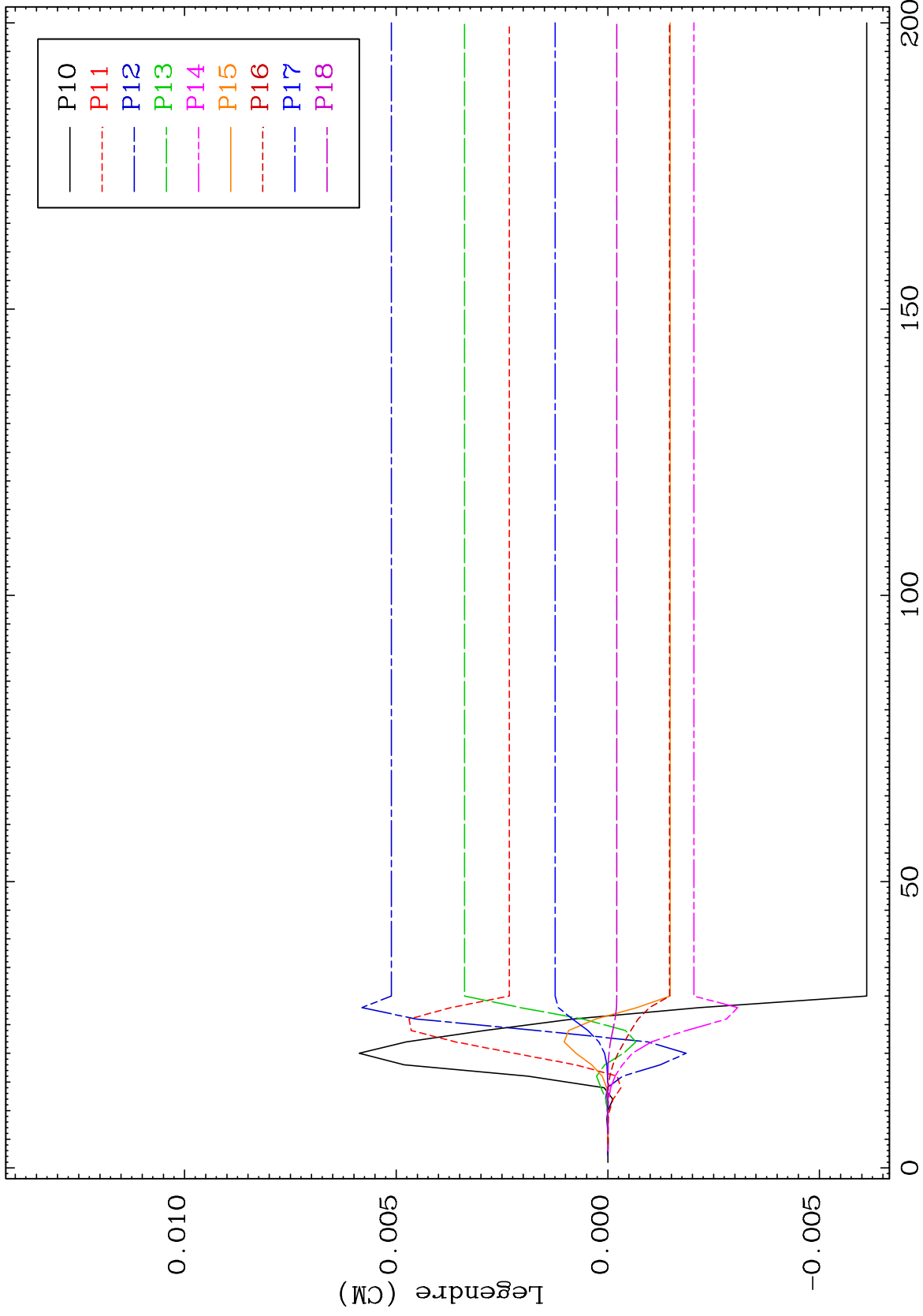
Incident Energy (MeV)

90

MAT 7716

930.6 keV (n,n') Level
Legendre Coefficients

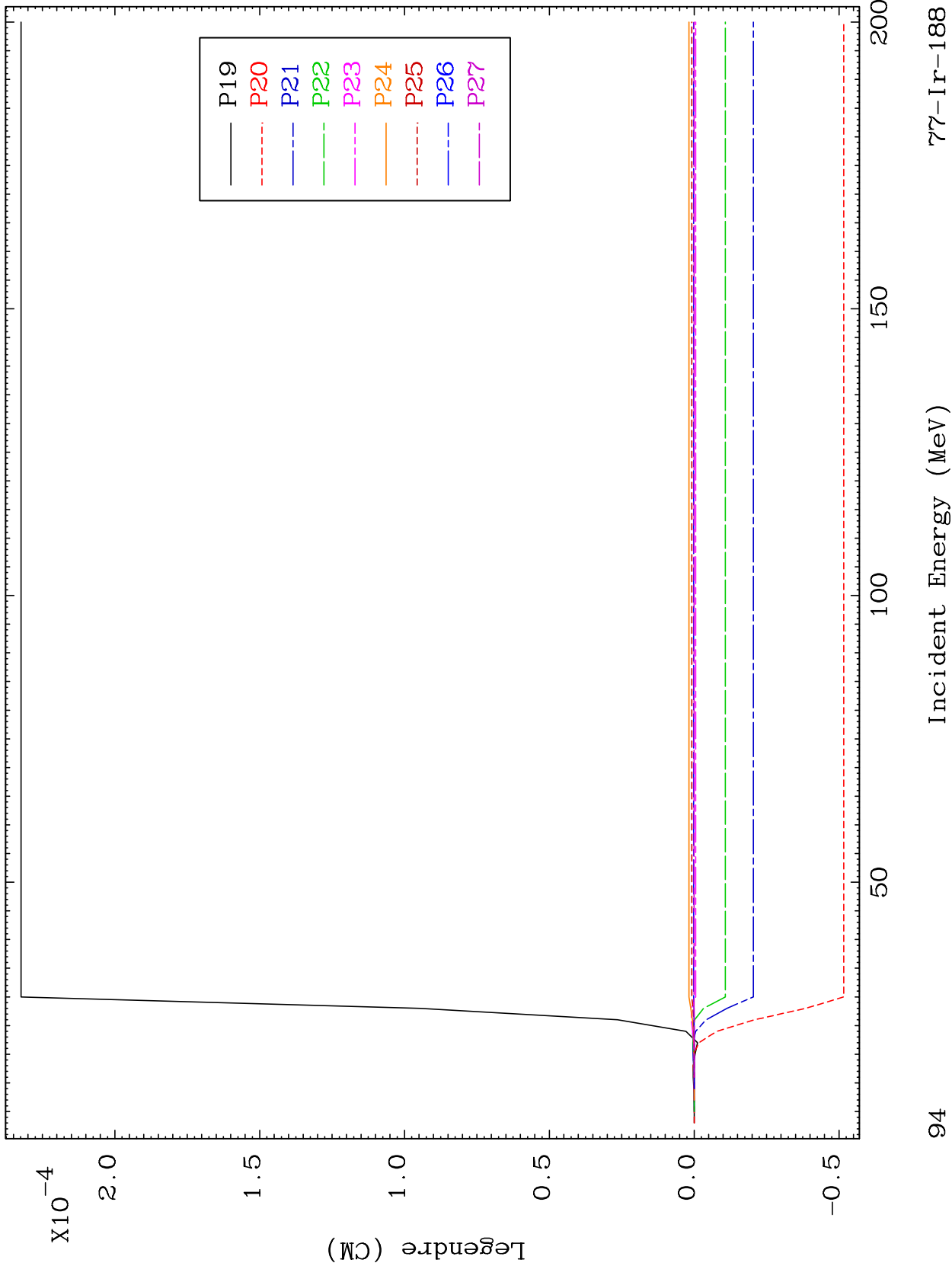
77-Ir-188

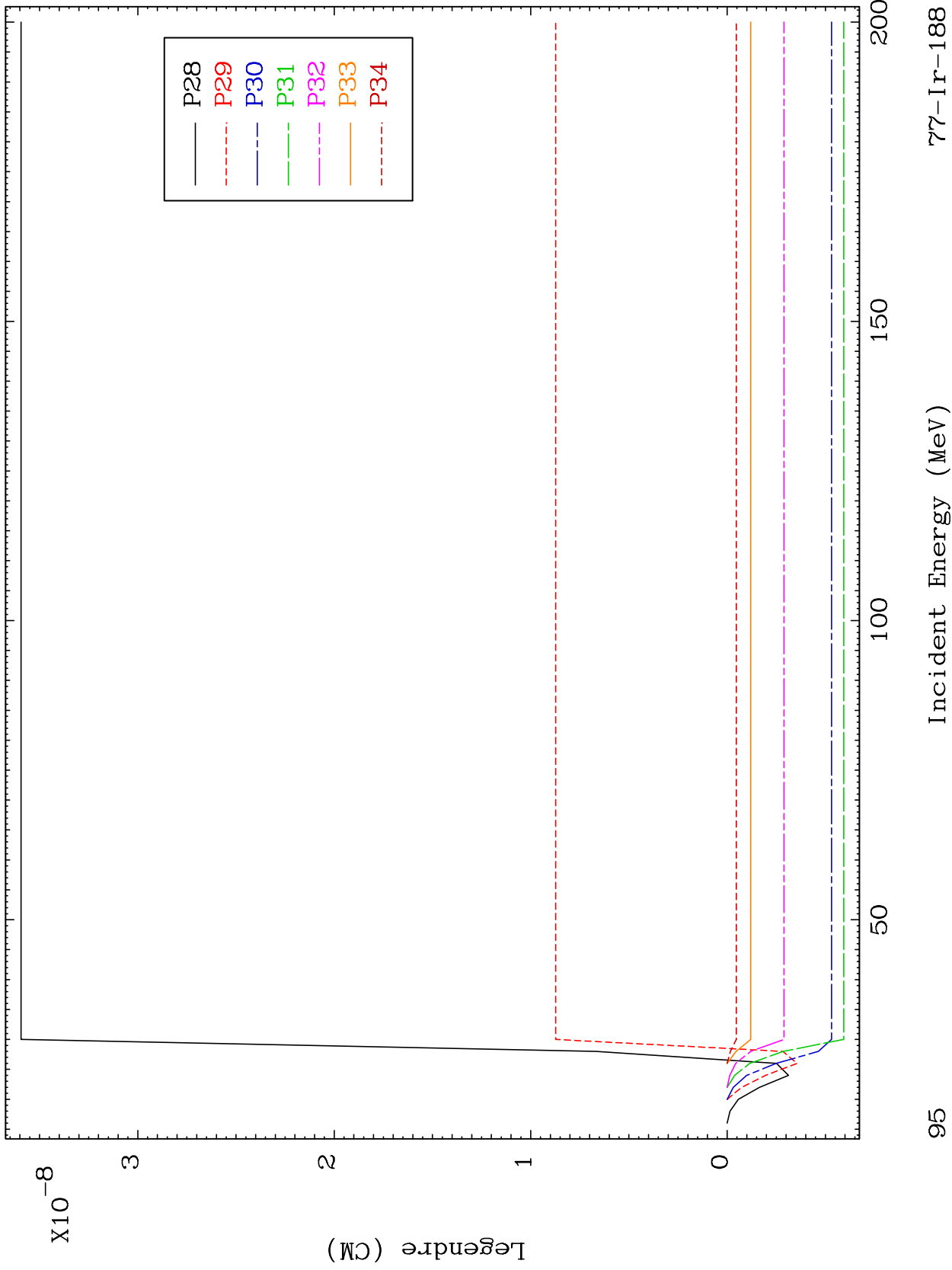


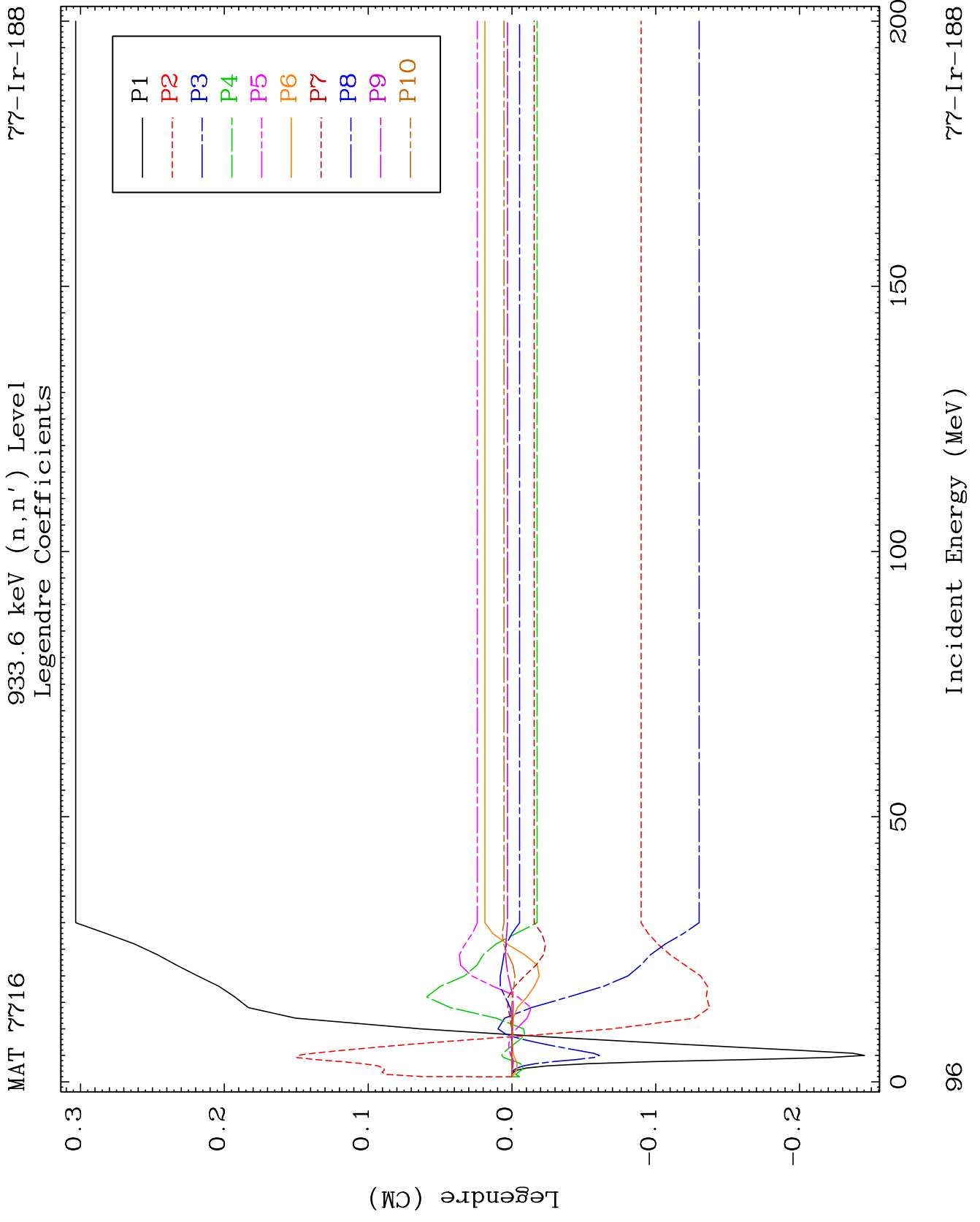
93

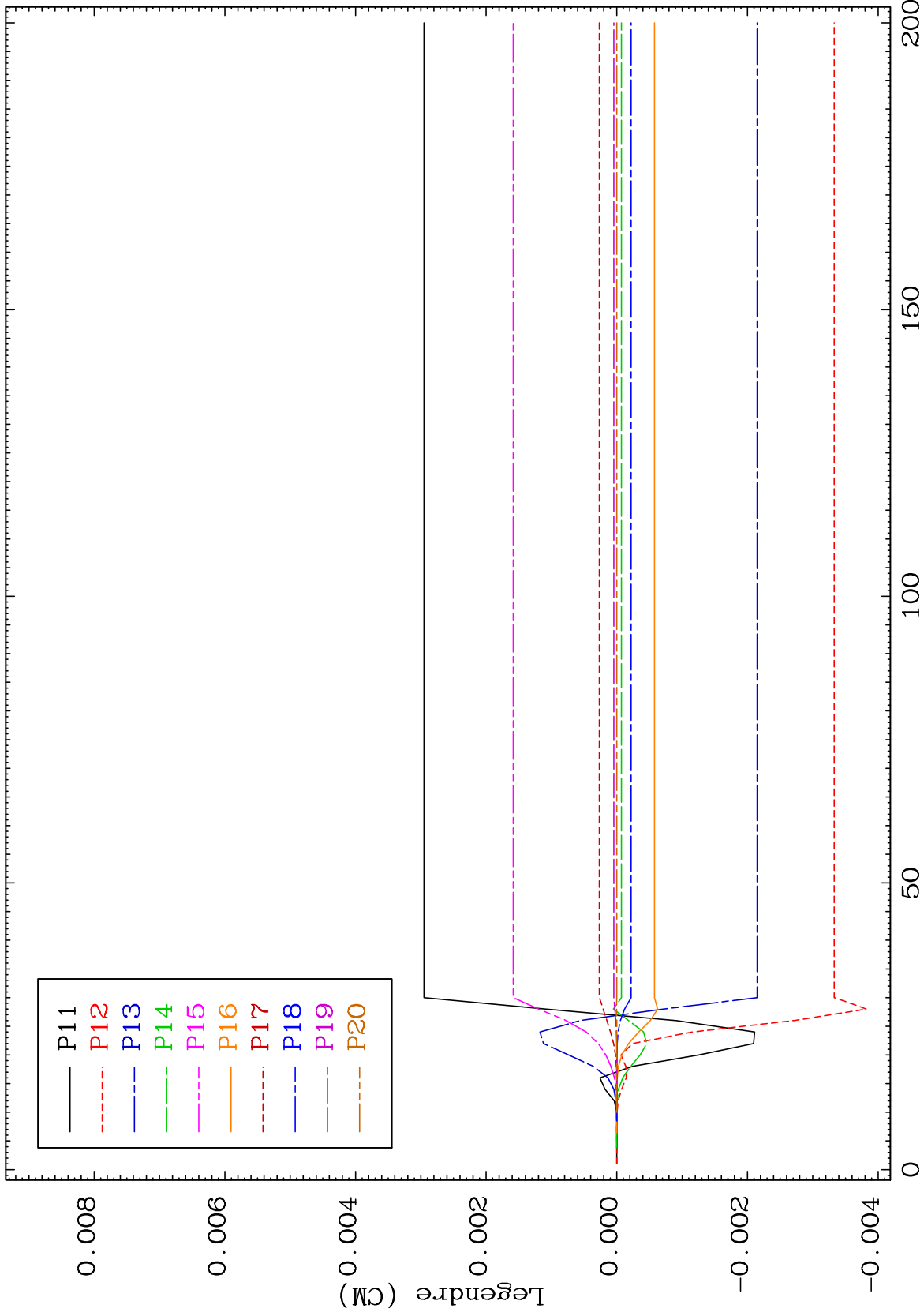
Incident Energy (MeV)

77-Ir-188





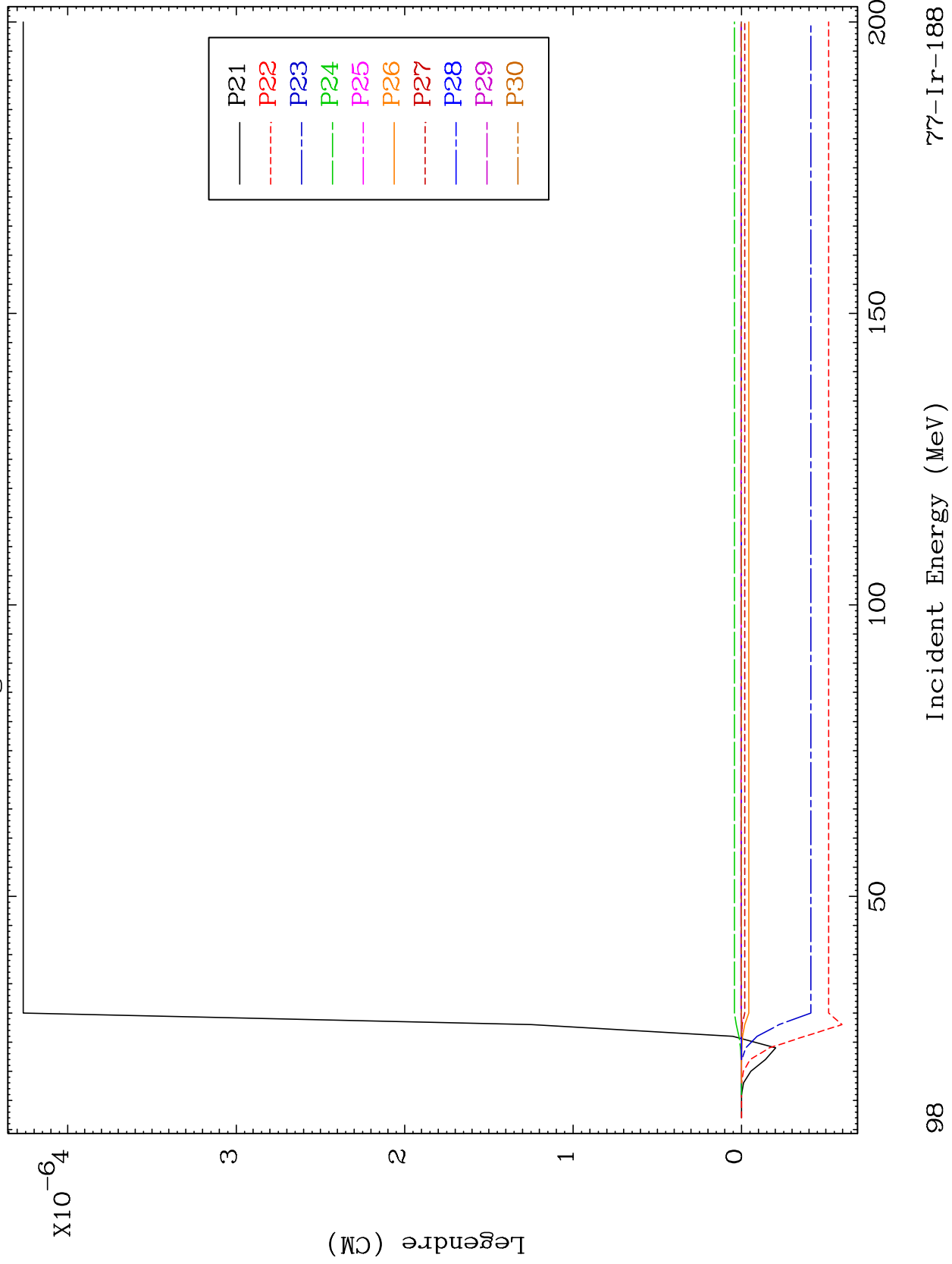


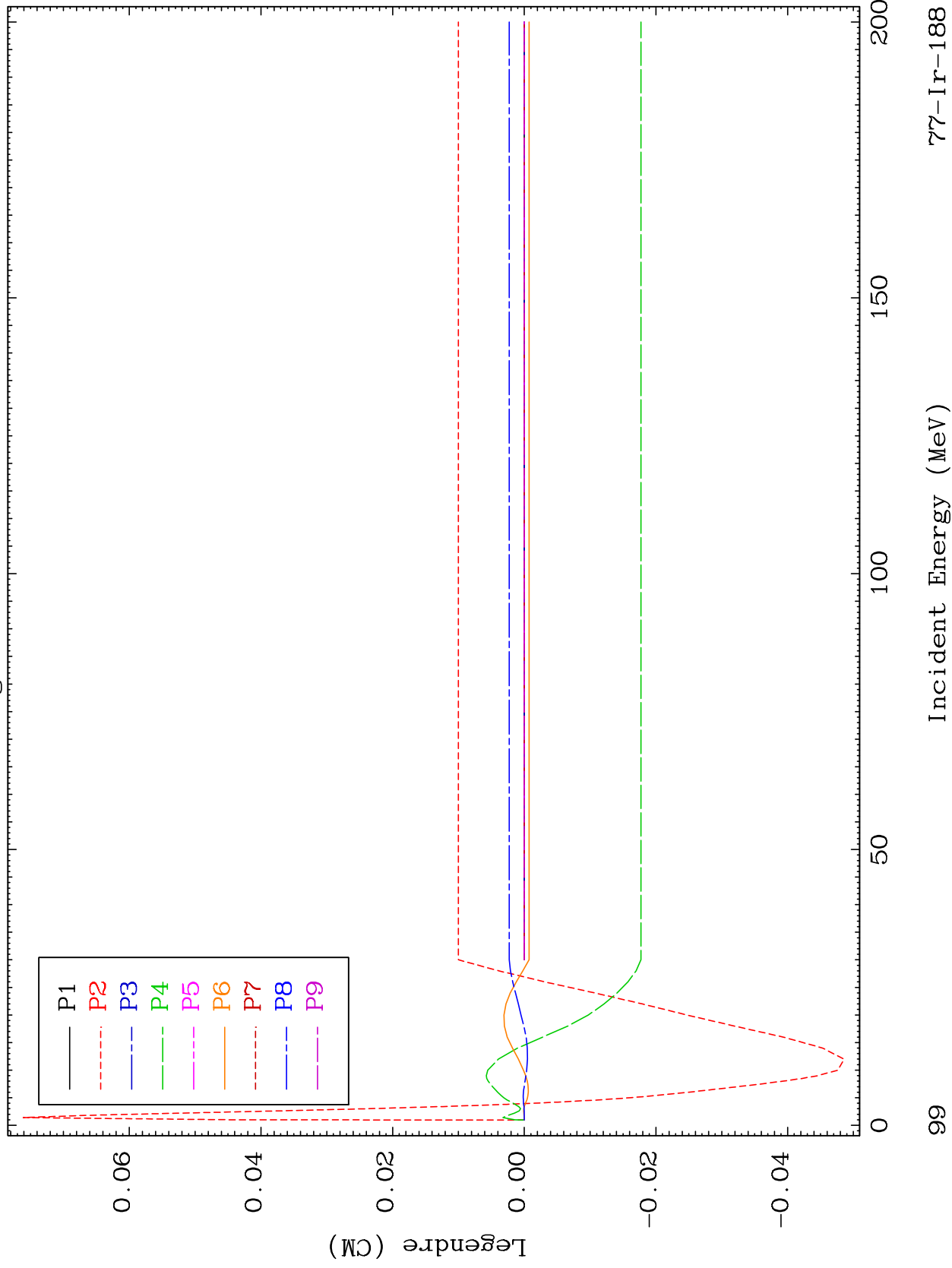


MAT 7716

933.6 keV (n,n') Level
Legendre Coefficients

77-Ir-188

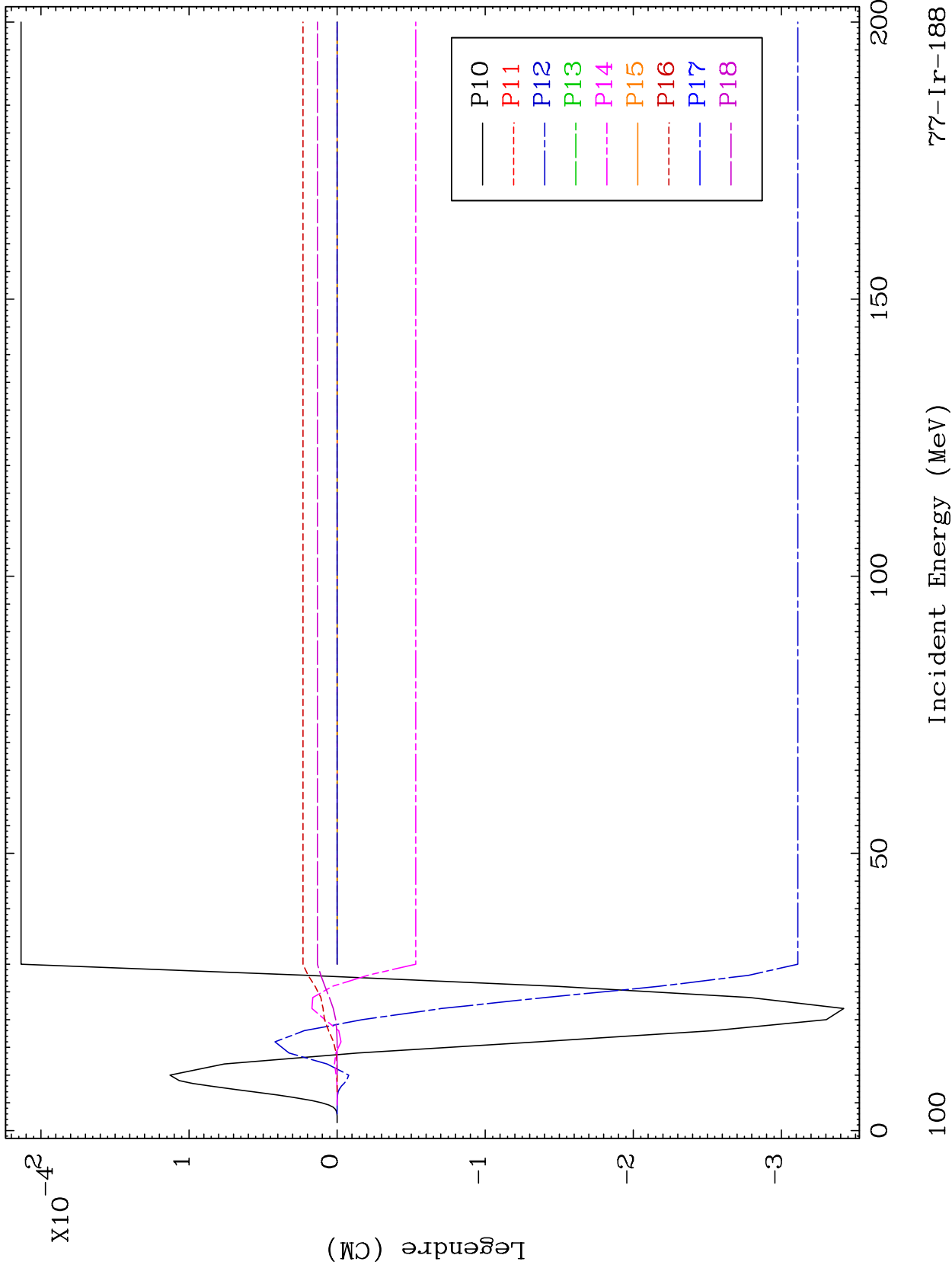


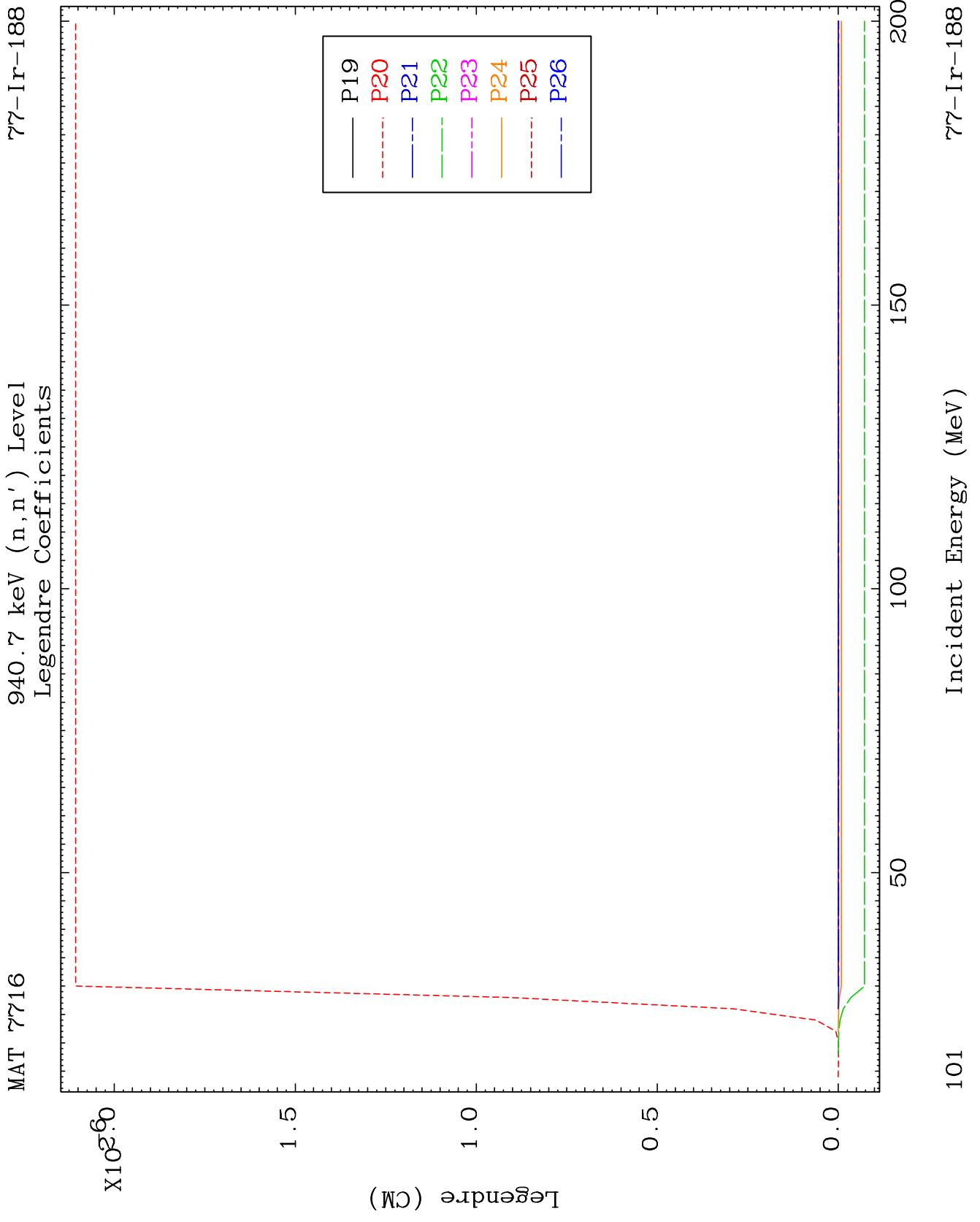


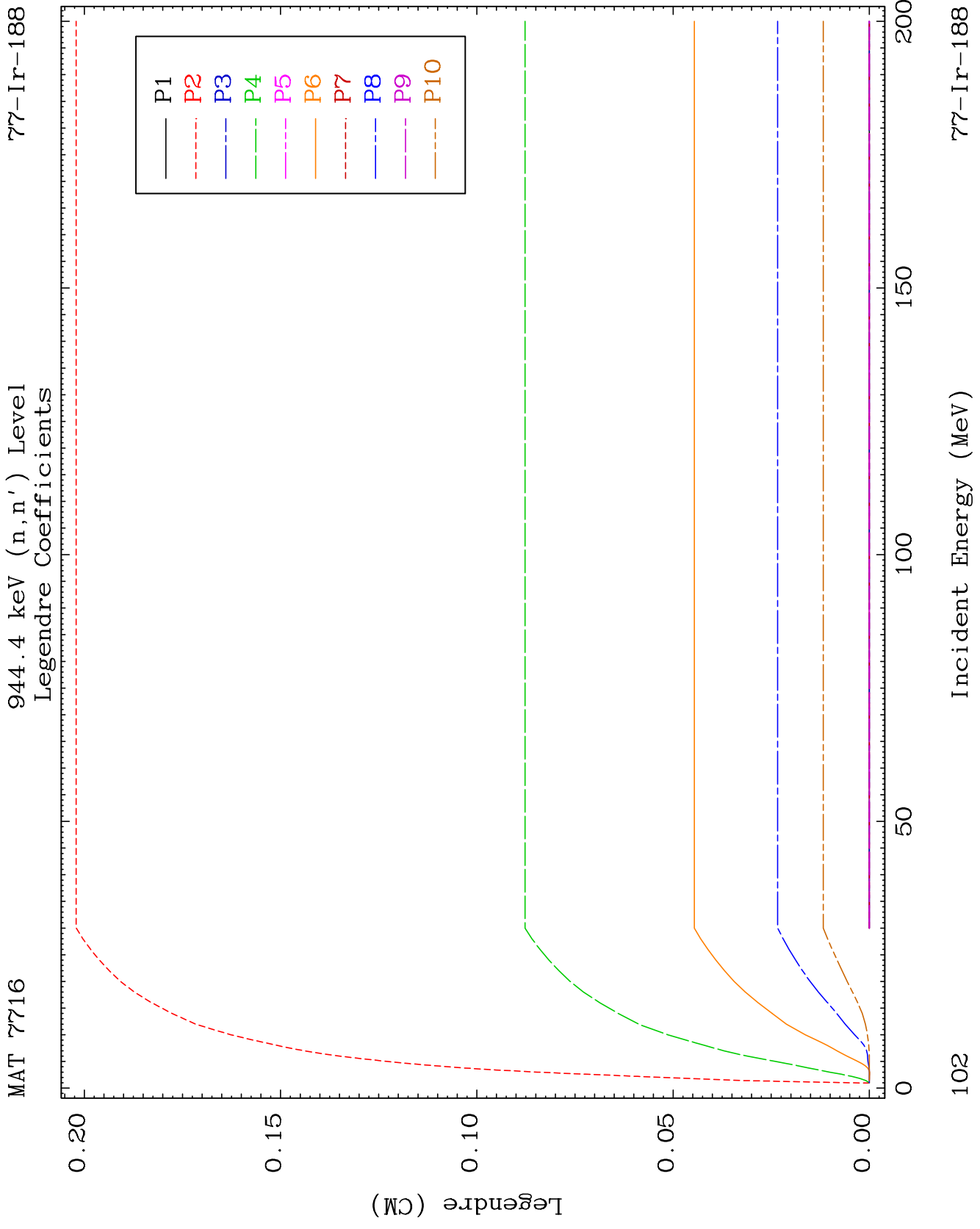
MAT 7716

940.7 keV (n,n') Level
Legendre Coefficients

77-Ir-188



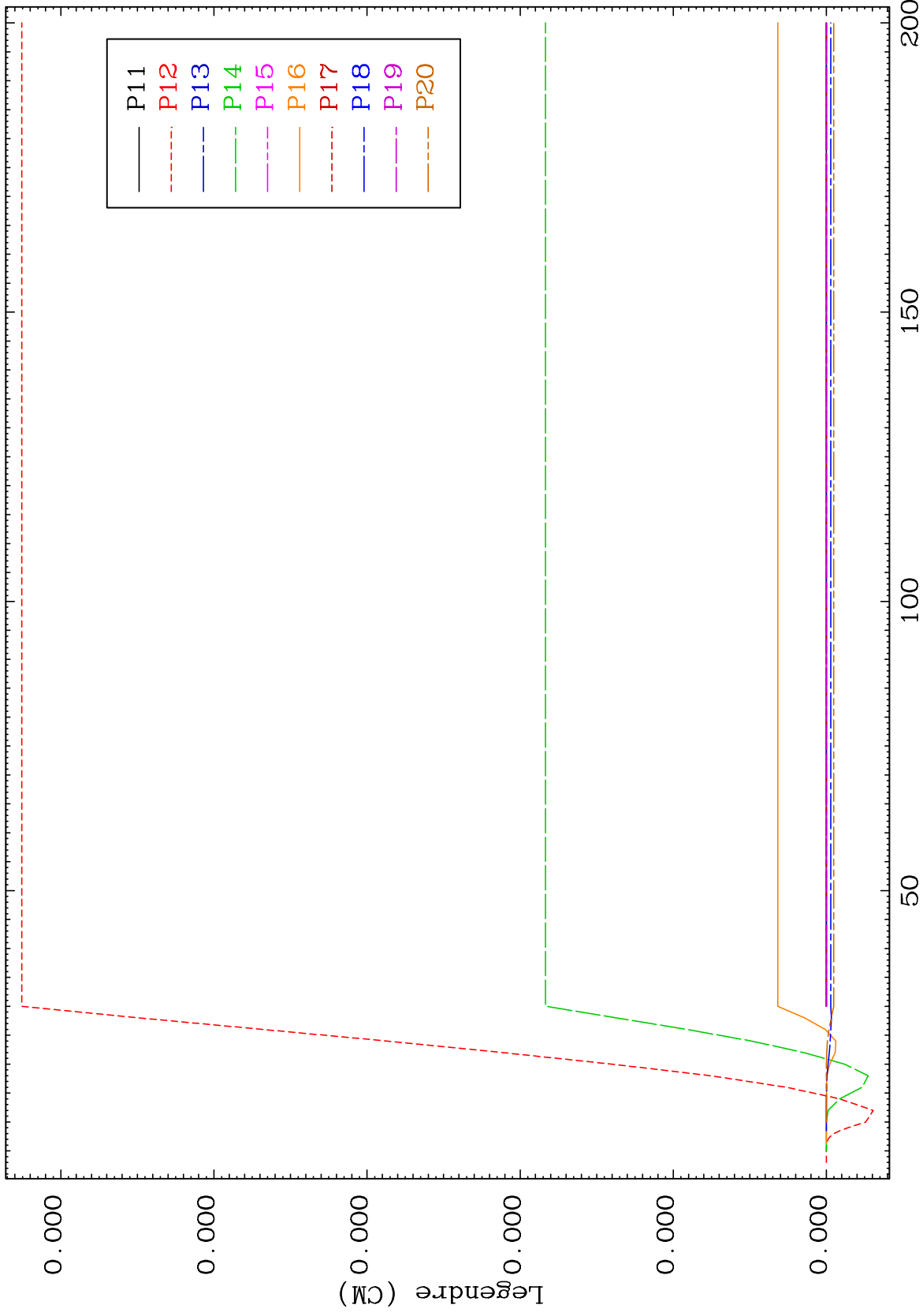




MAT 7716

944.4 keV (n,n') Level
Legendre Coefficients

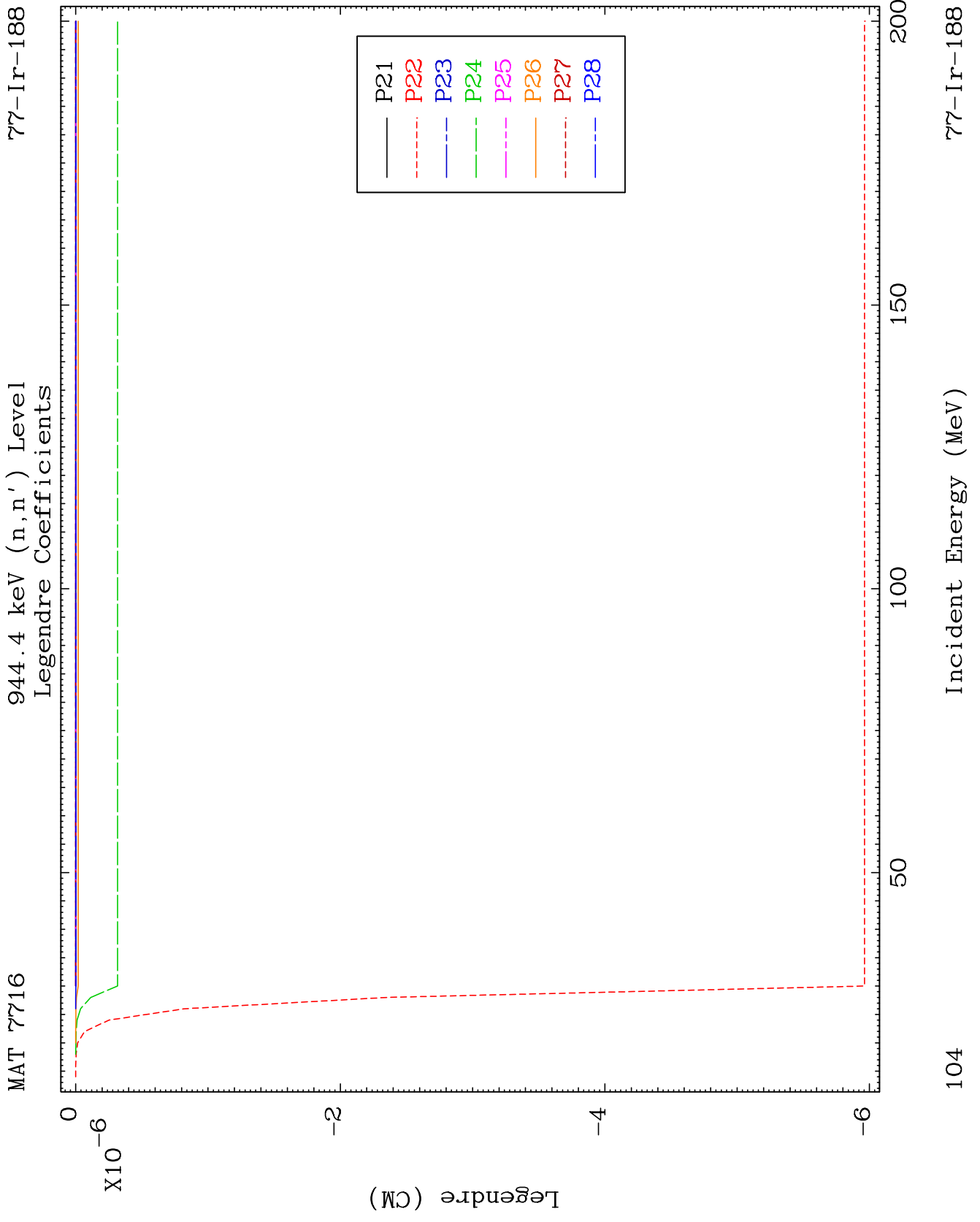
77-Ir-188

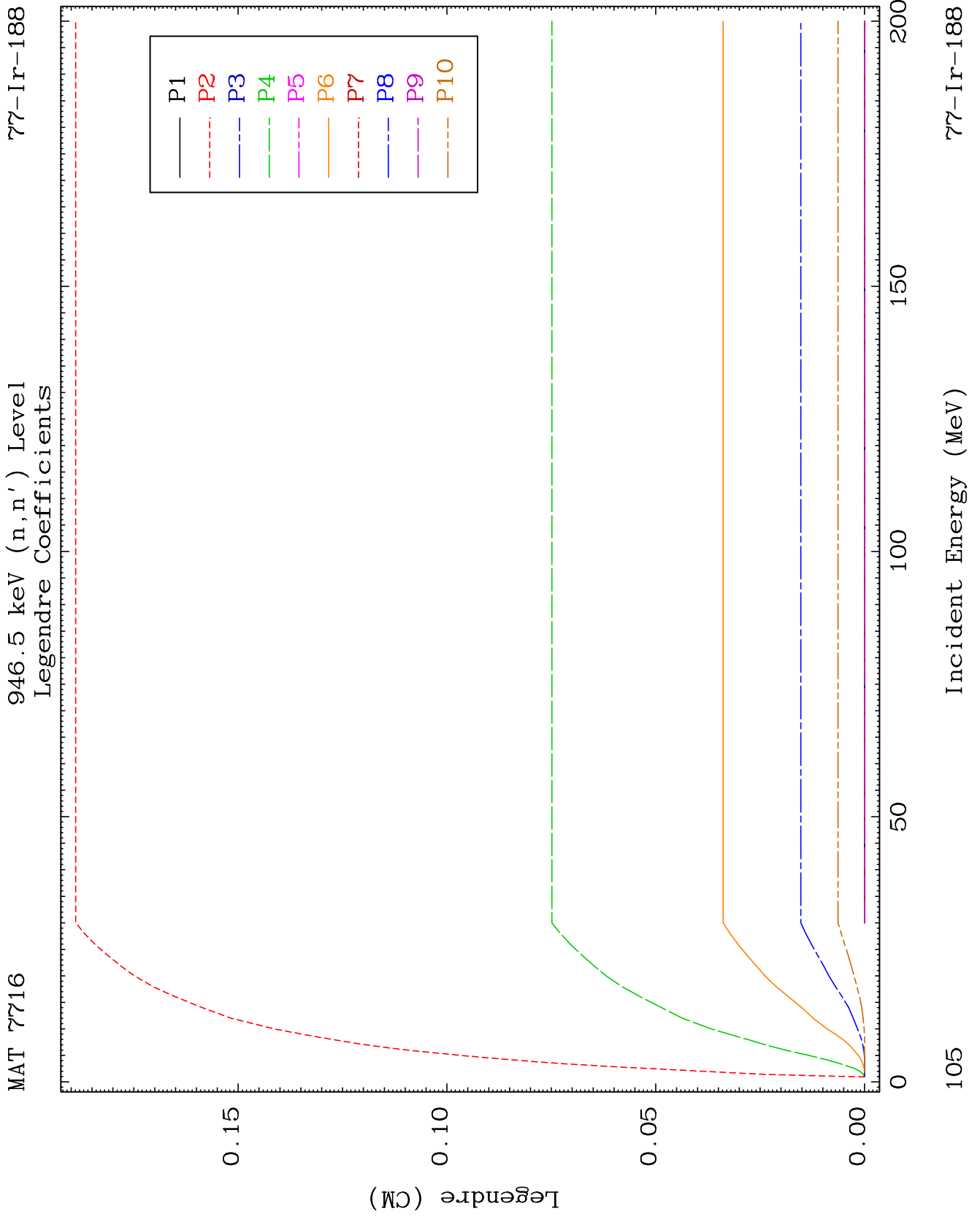


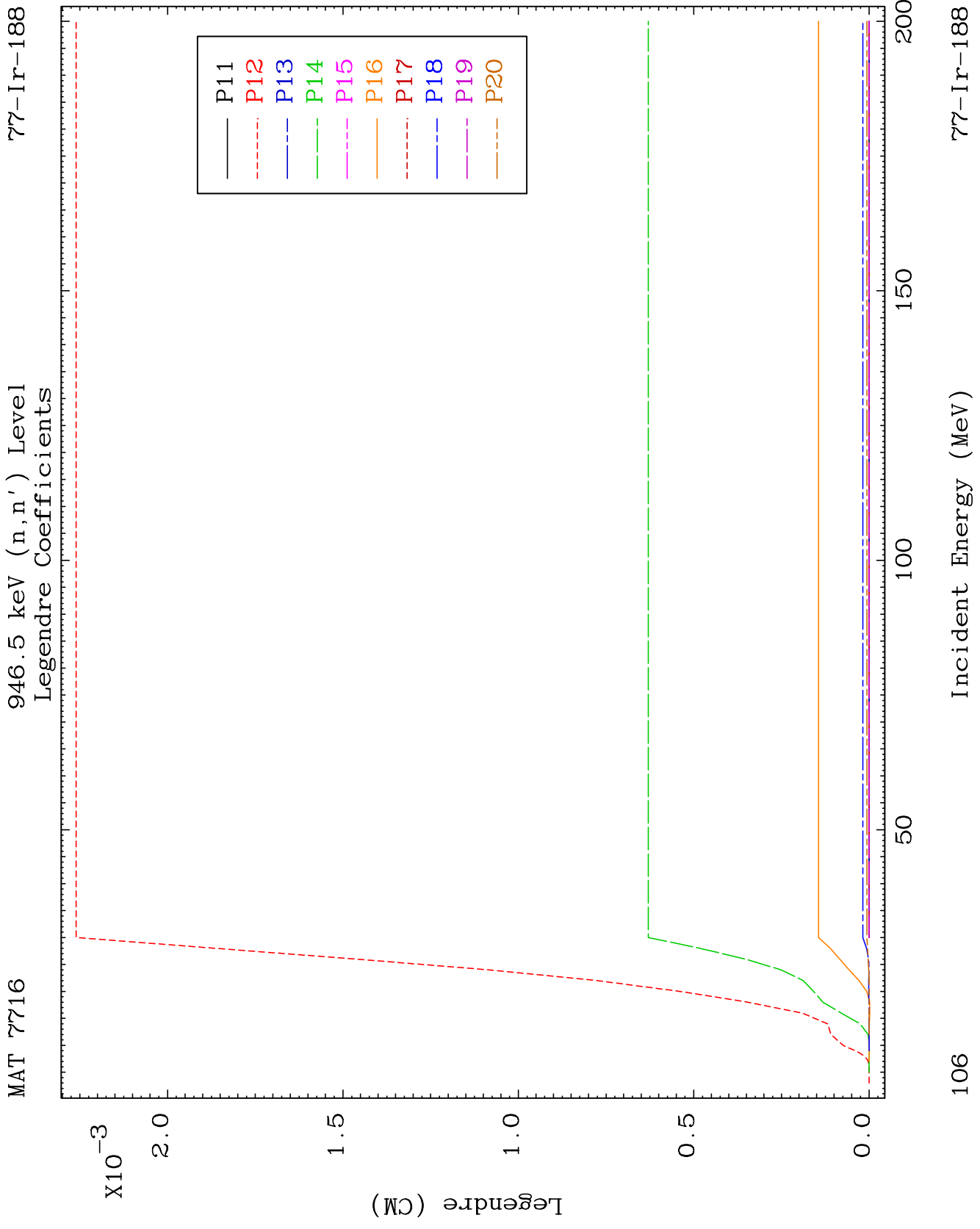
103

Incident Energy (MeV)

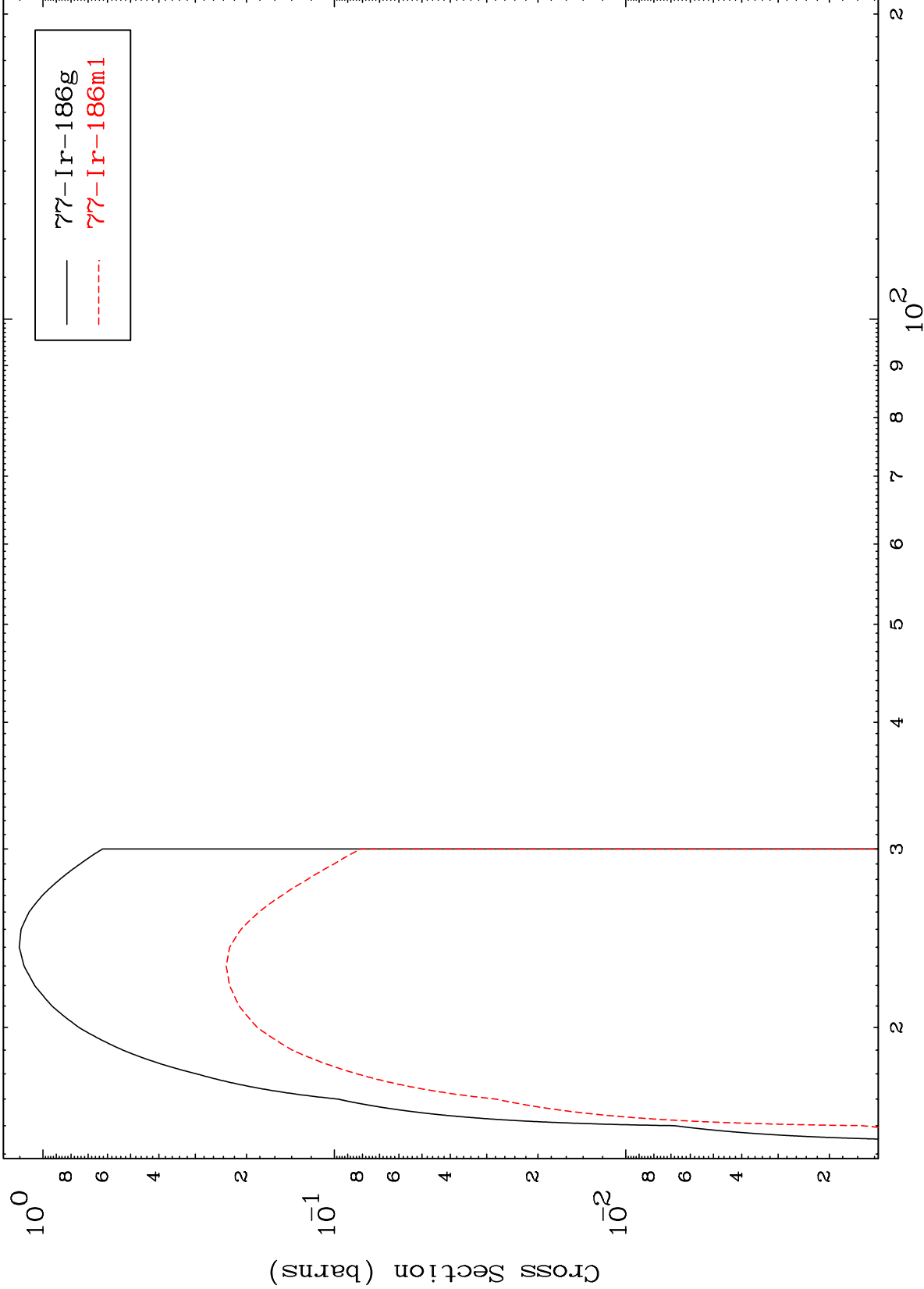
77-Ir-188







Radionuclide Production Cross Section

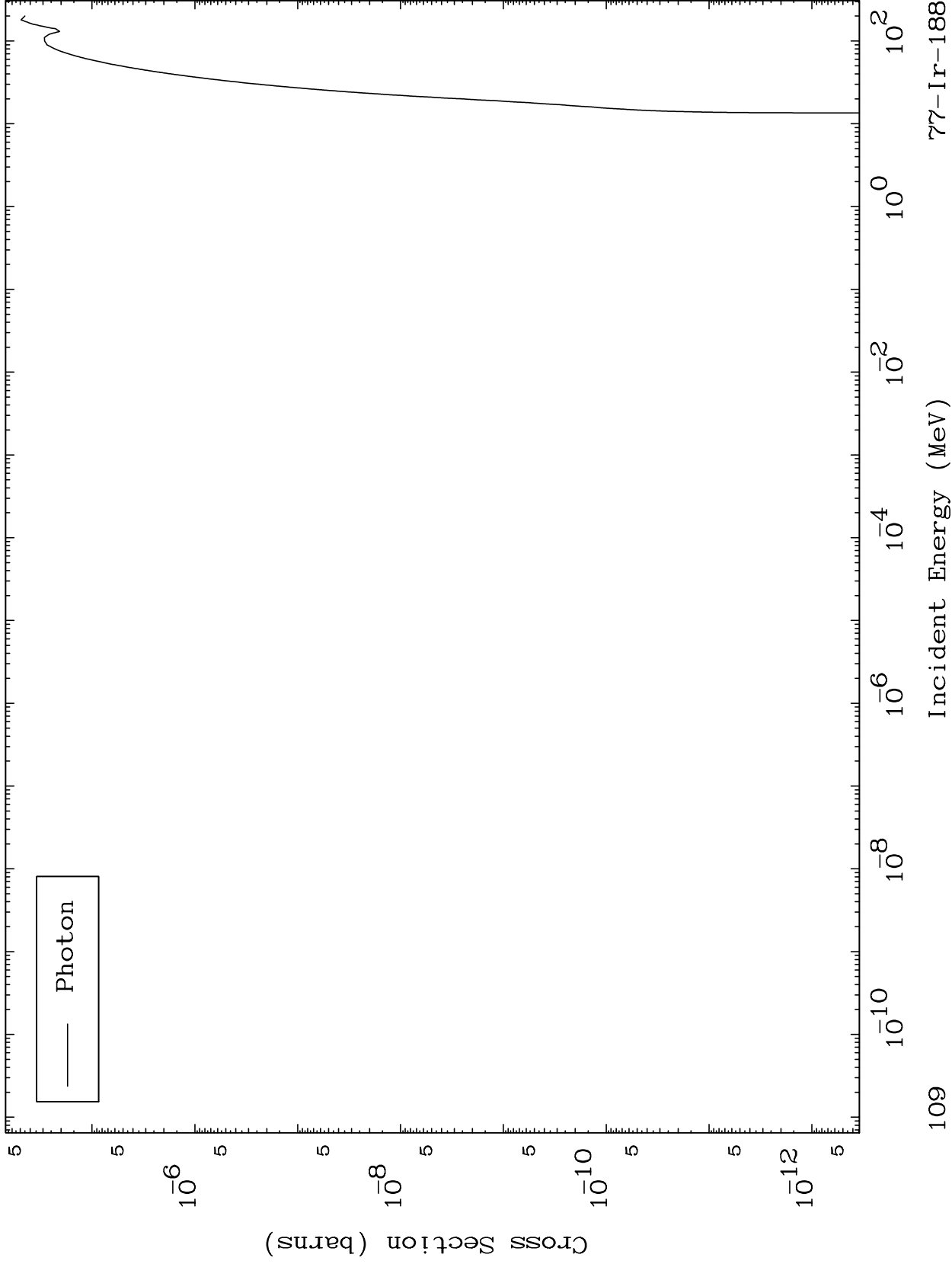


MAT 7716

Fission

⁷⁷Ir-188

Radionuclide Production Cross Section

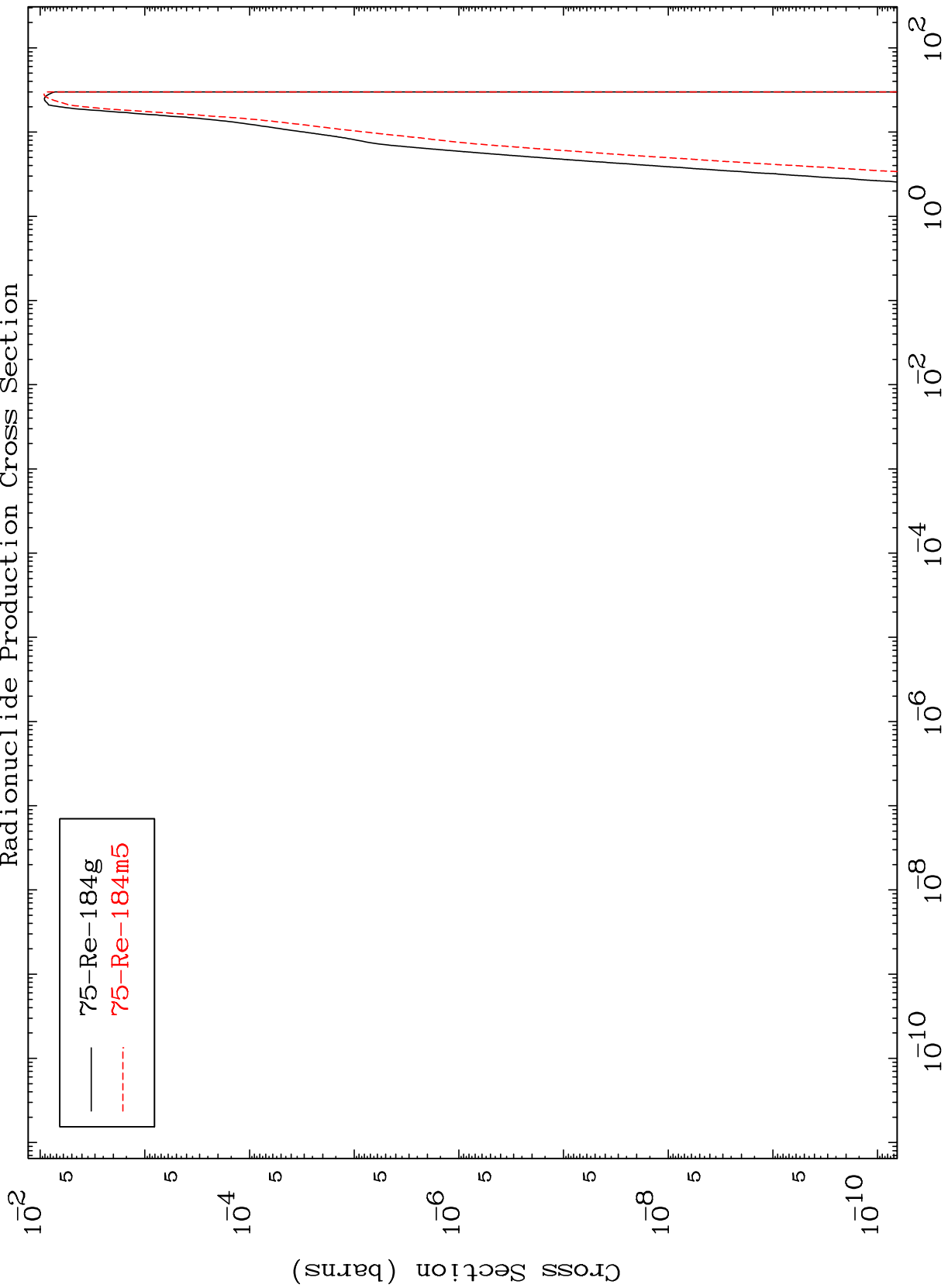


MAT 7716

$(n, n') \alpha$

$^{77}\text{Ir-188}$

Radionuclide Production Cross Section

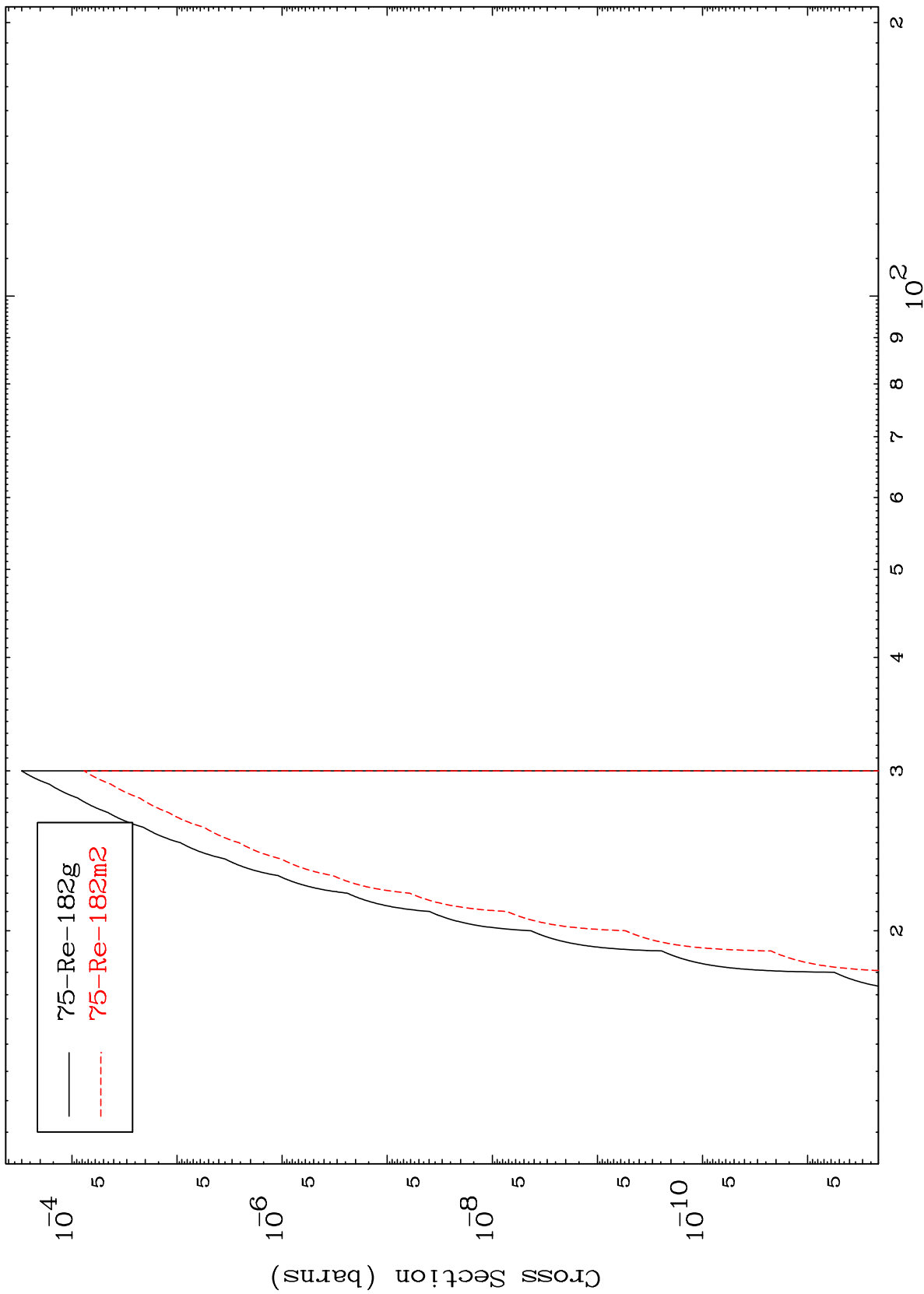


110

Incident Energy (MeV)

$^{77}\text{Ir-188}$

Radionuclide Production Cross Section

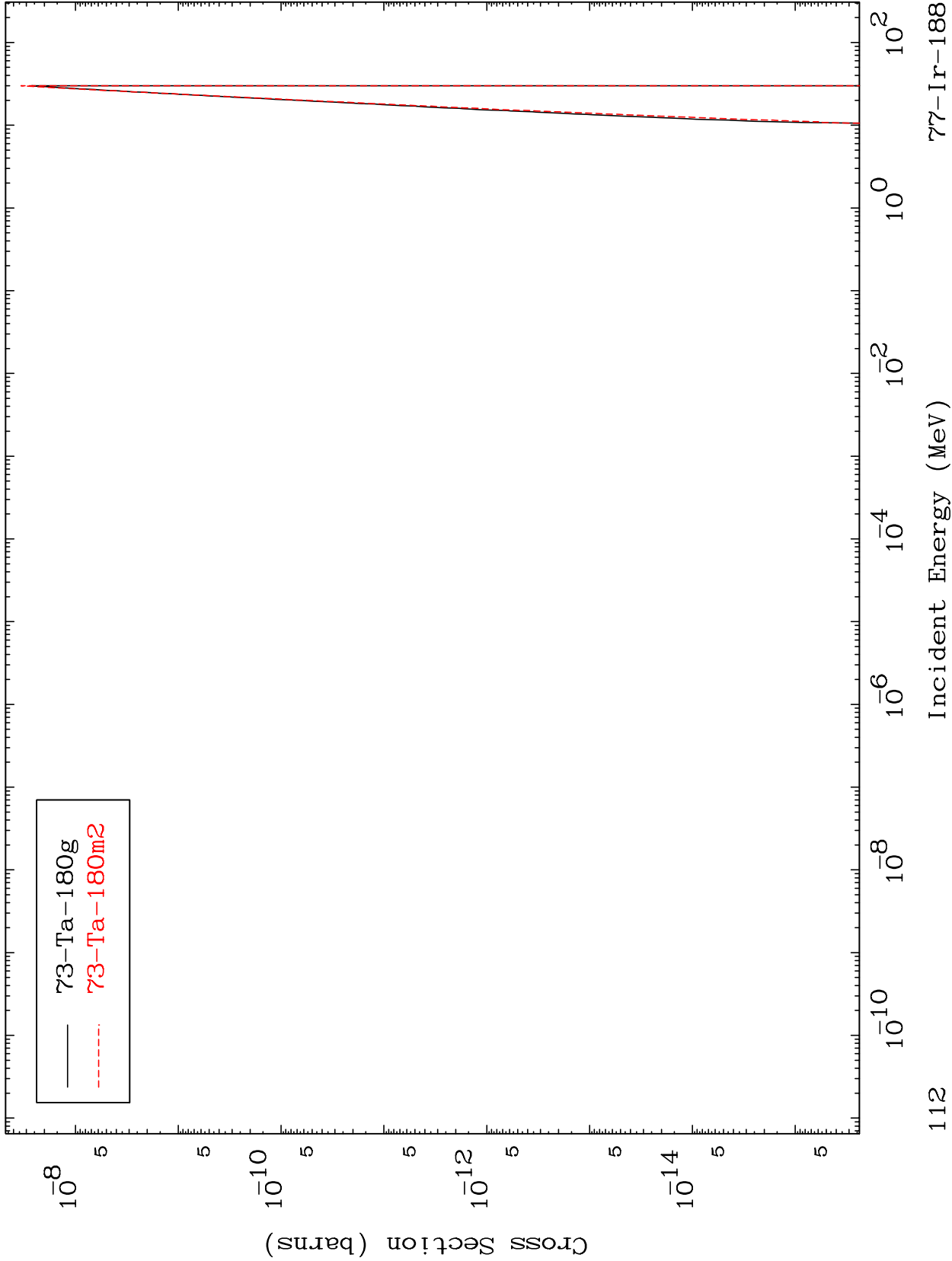


MAT 7716

(n,n') 2α

77-Ir-188

Radionuclide Production Cross Section



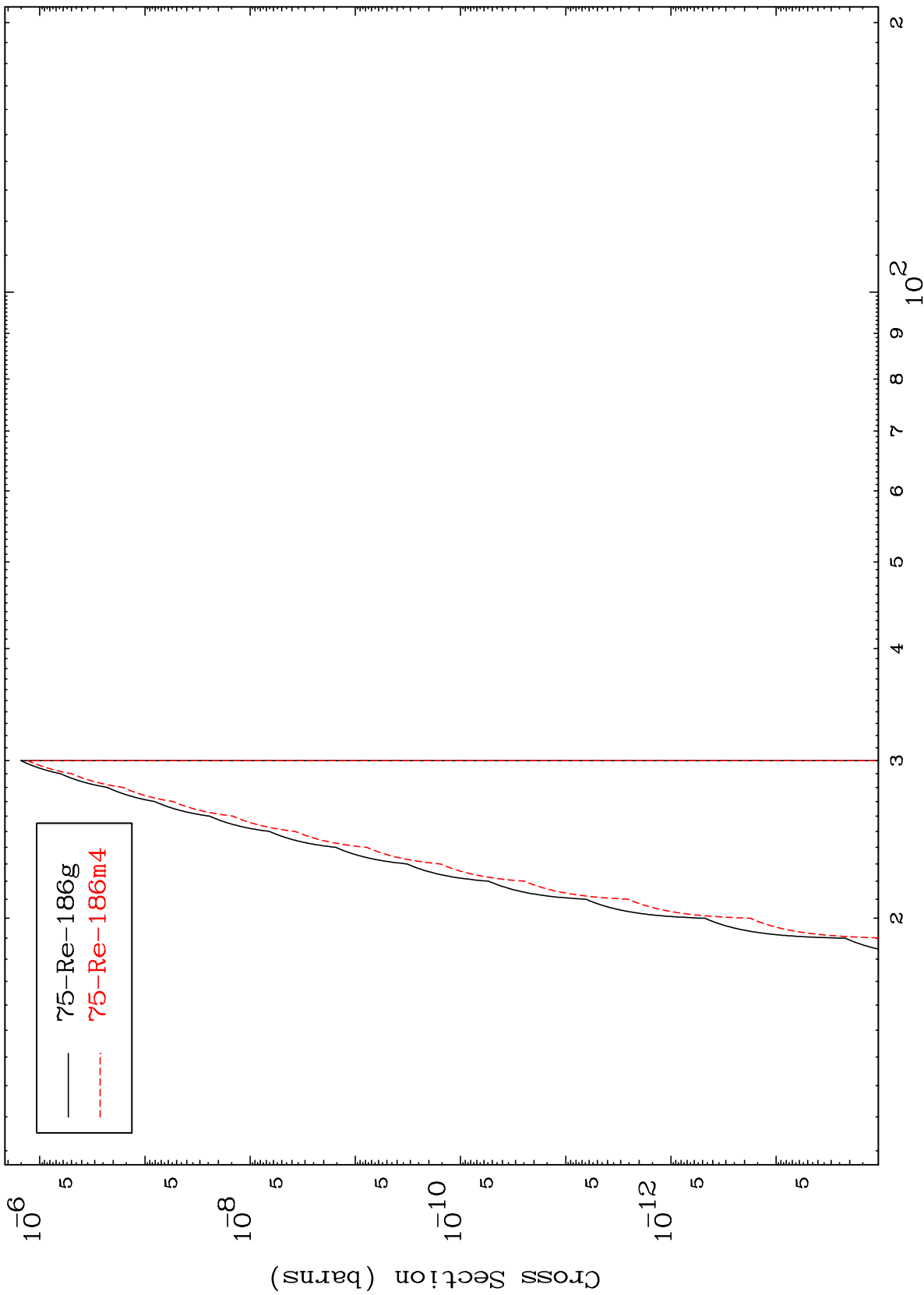
73-Ta-180g
73-Ta-180m2

MAT 7716

(n,2n) p

⁷⁷Ir-188

Radionuclide Production Cross Section



113

Incident Energy (MeV)

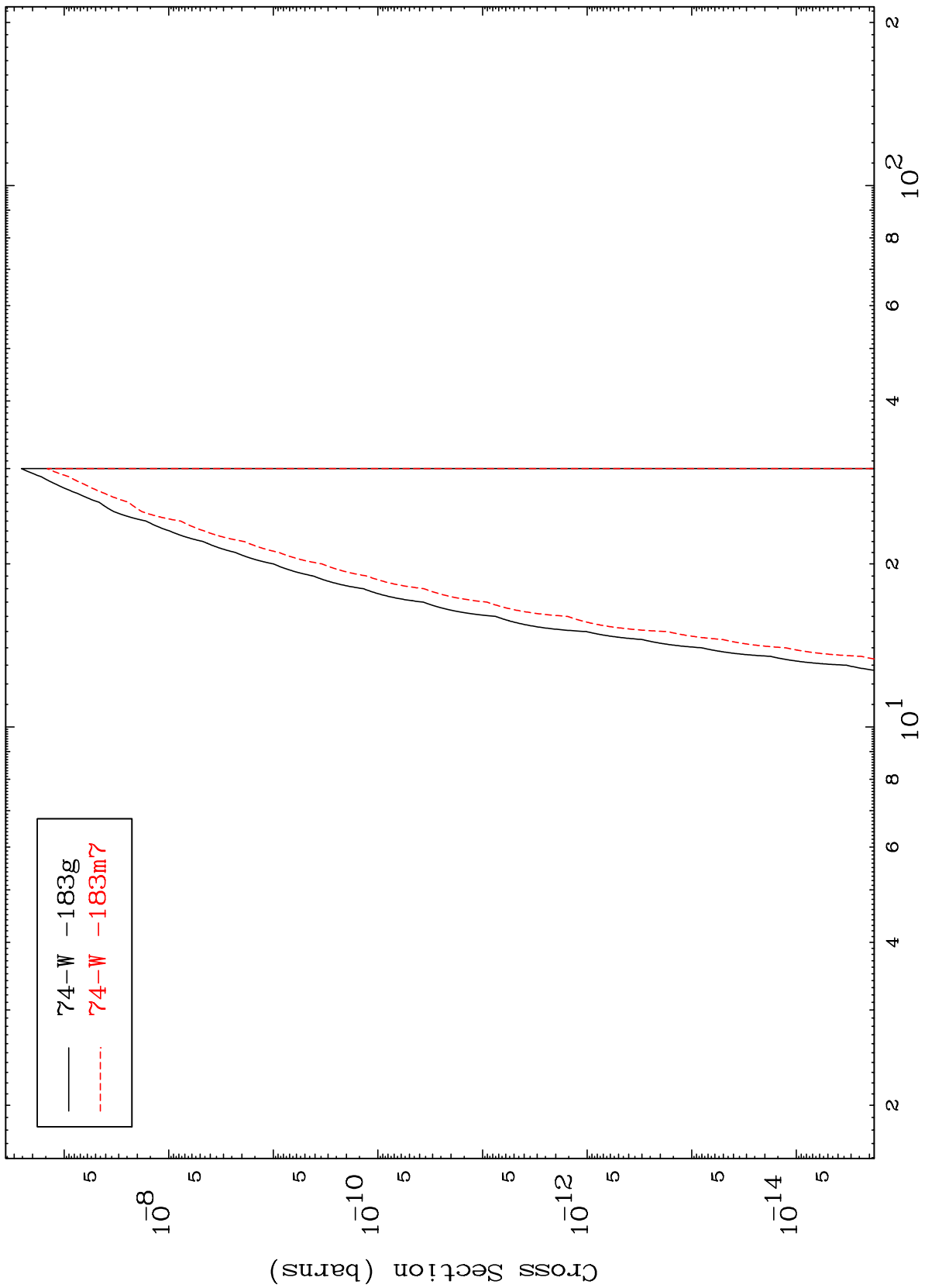
⁷⁷Ir-188

MAT 7716

(n,n') p α

⁷⁷Ir-188

Radionuclide Production Cross Section



74-W - 183g
74-W - 183m7

114

Incident Energy (MeV)

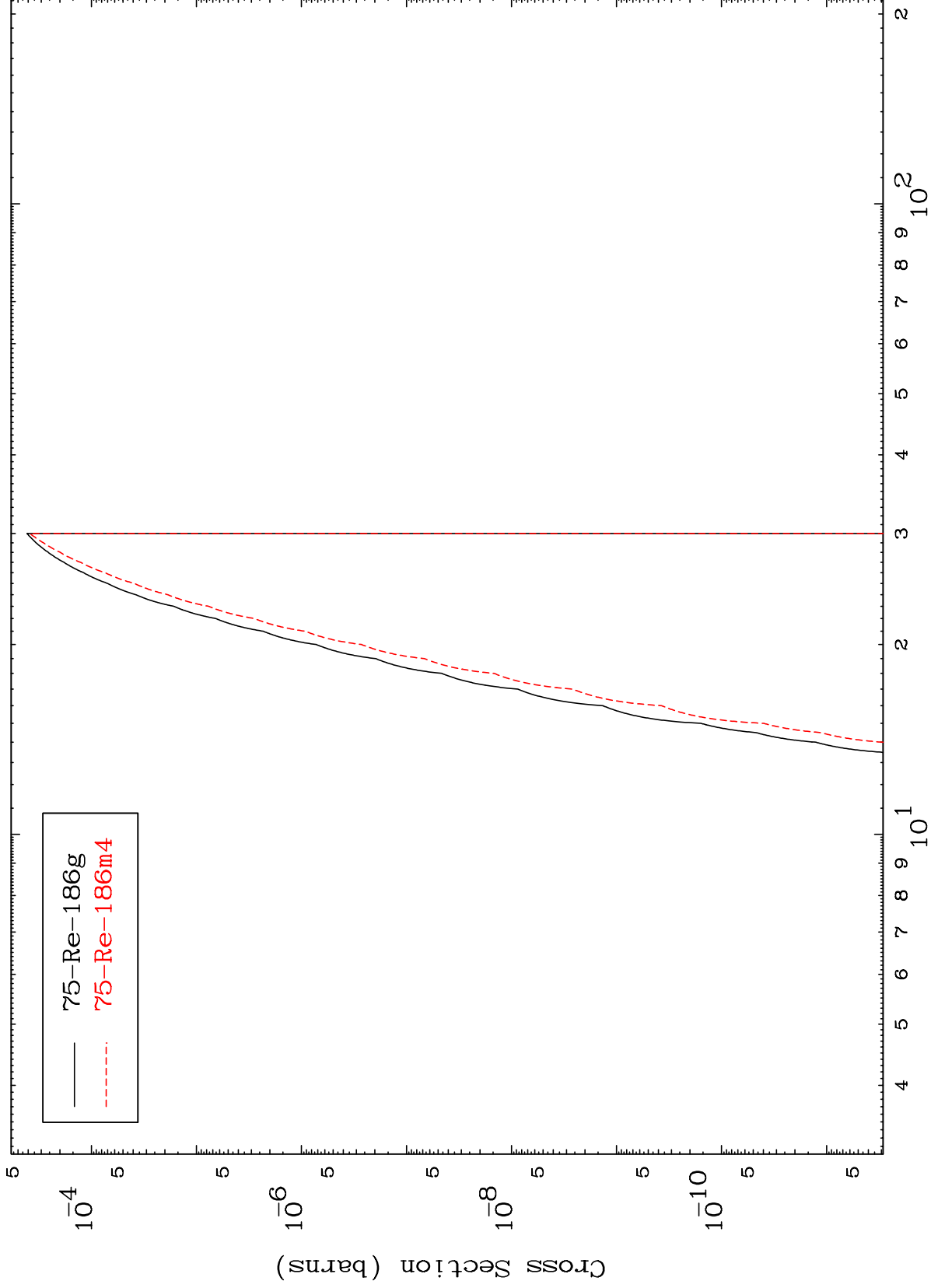
⁷⁷Ir-188

MAT 7716

(n,He-3)

77-Ir-188

Radionuclide Production Cross Section



115

Incident Energy (MeV)

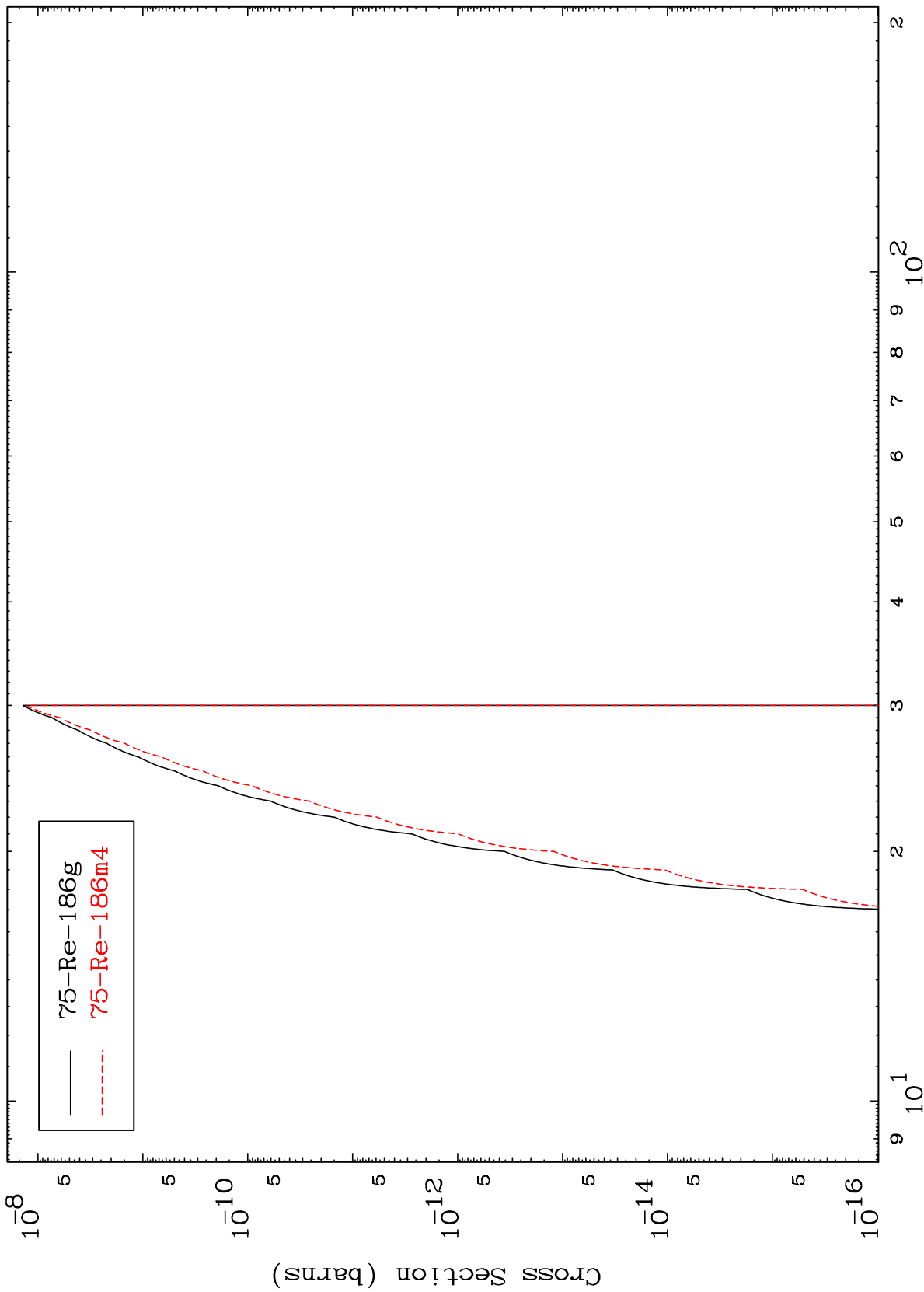
77-Ir-188

MAT 7716

(n,p) d

⁷⁷Ir-188

Radionuclide Production Cross Section



116

Incident Energy (MeV)

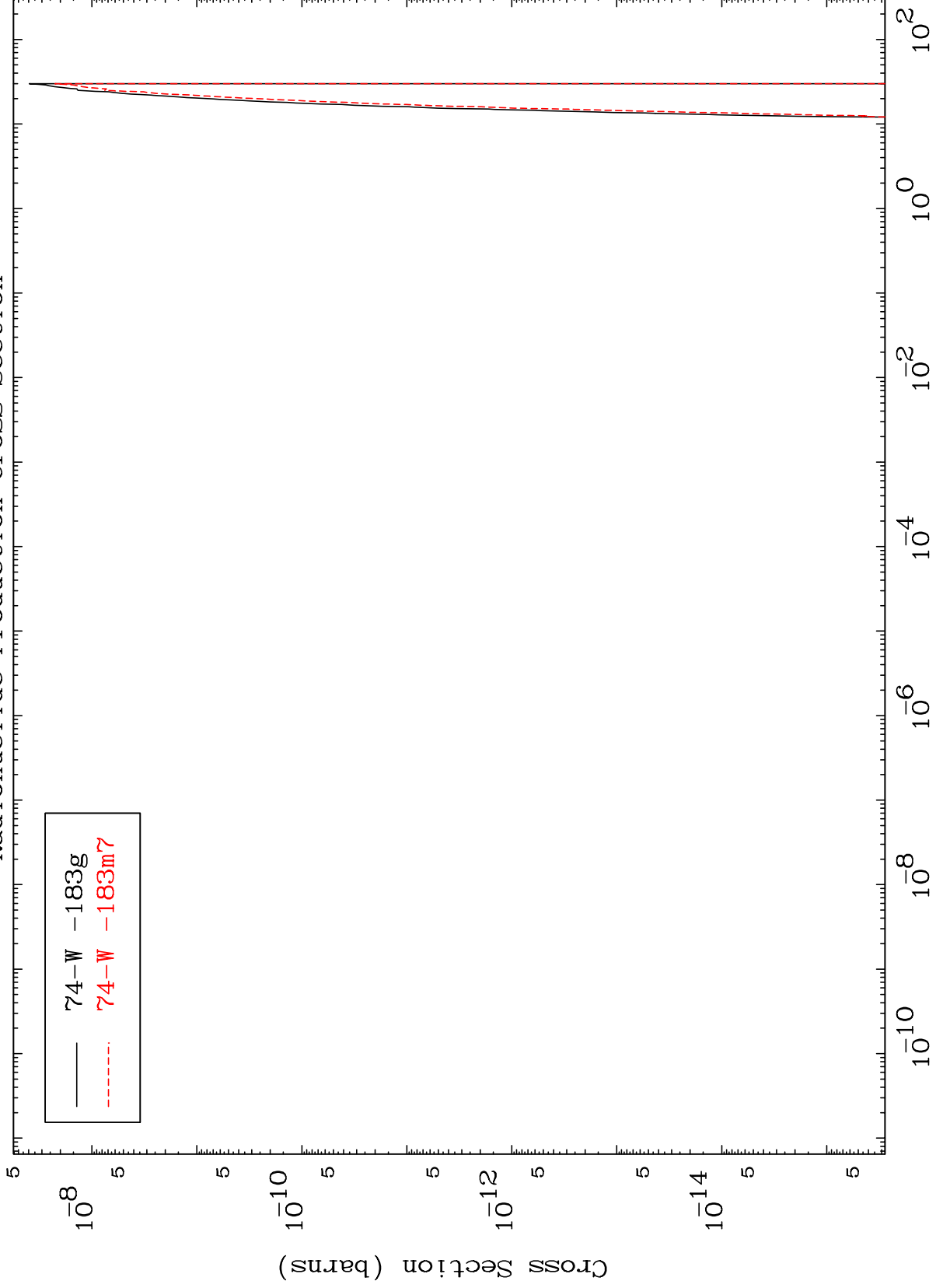
⁷⁷Ir-188

MAT 7716

(n,d) α

⁷⁷Ir-188

Radionuclide Production Cross Section



117

Incident Energy (MeV)

⁷⁷Ir-188