

Program EVALPLOT
(Version 2015-2)

by

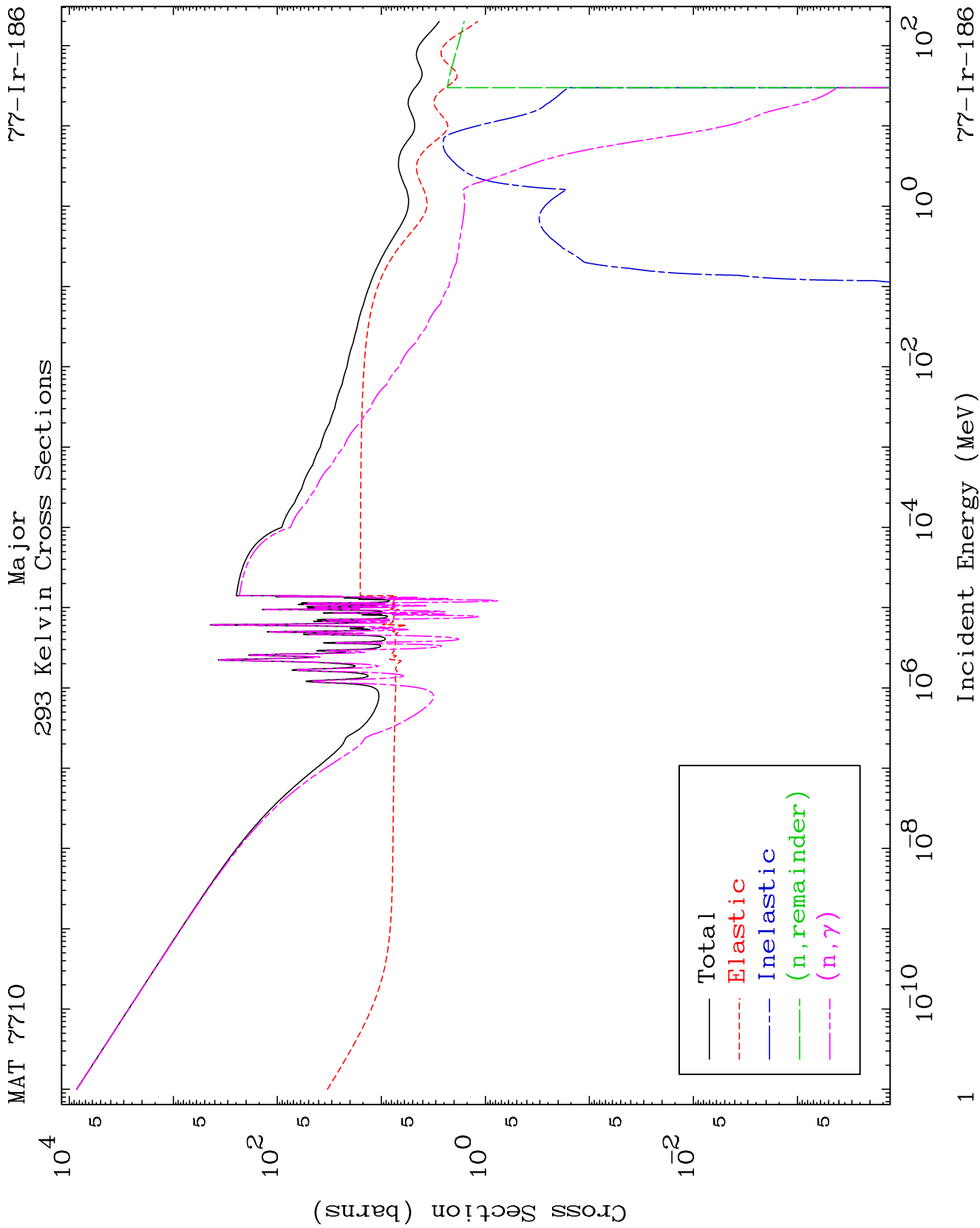
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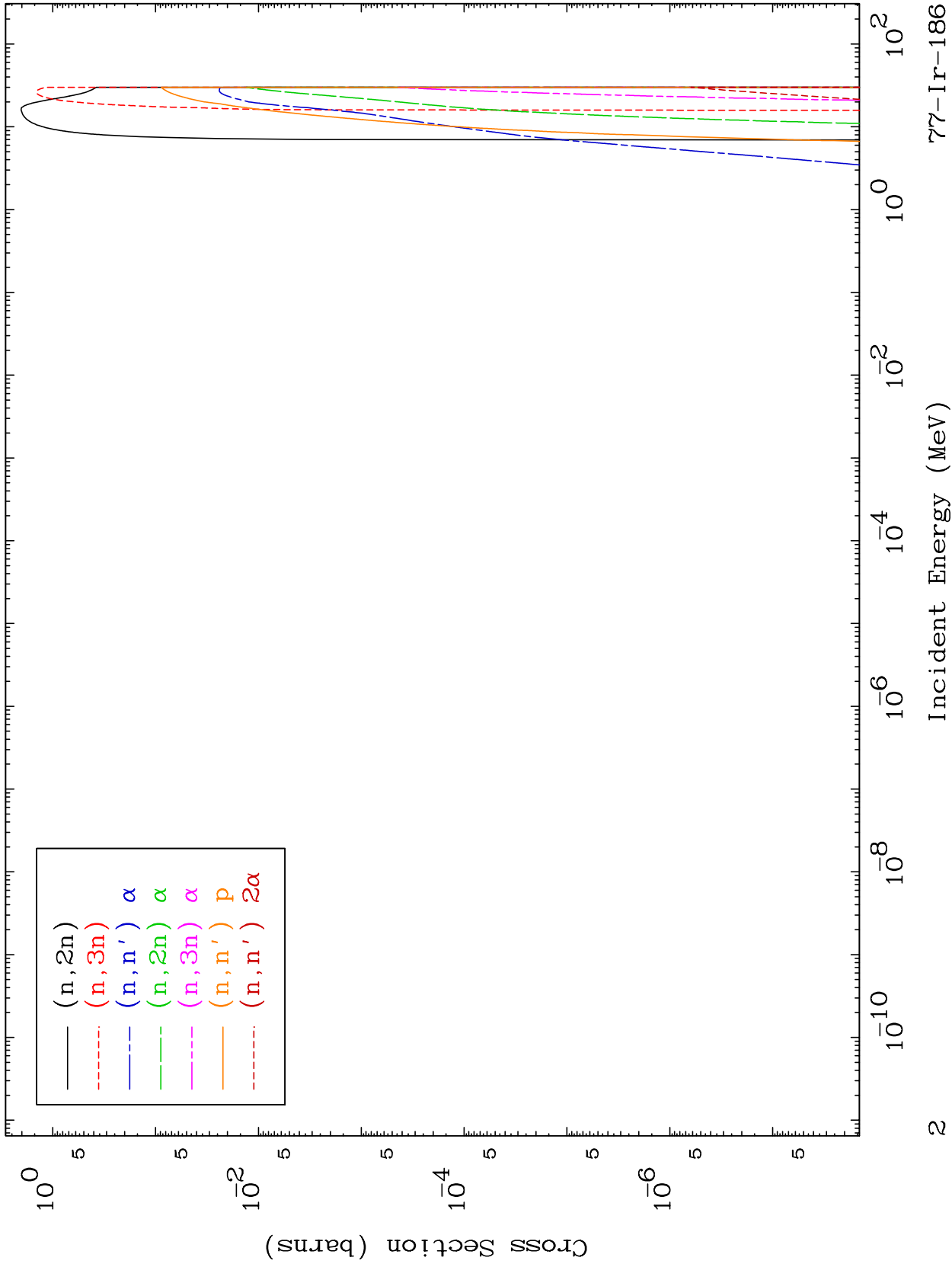
Press Mouse Button to Start



MAT 7710

Neutron Production
293 Kelvin Cross Sections

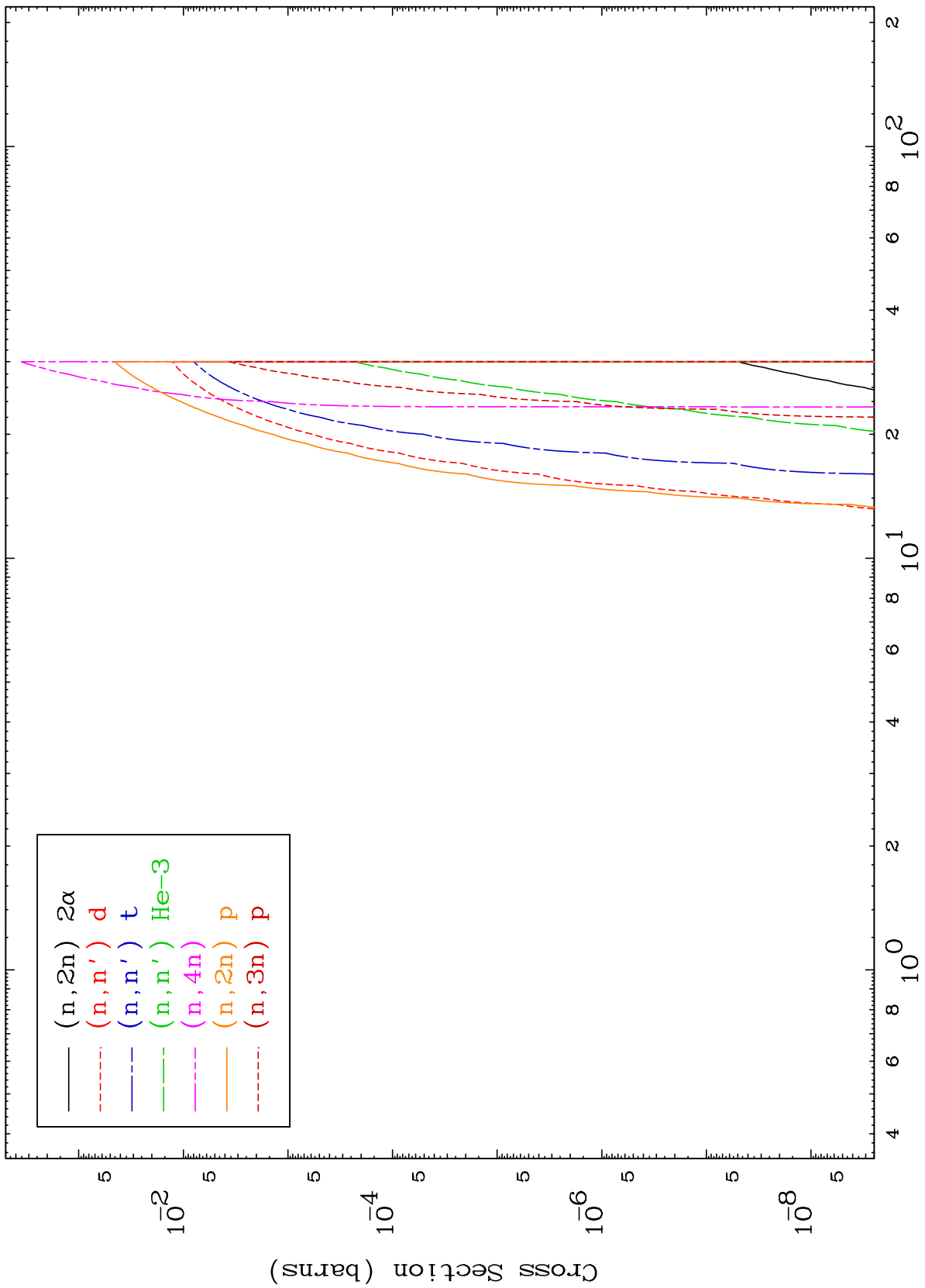
77-Ir-186



MAT 7710

Neutron Production
293 Kelvin Cross Sections

77-Ir-186



3

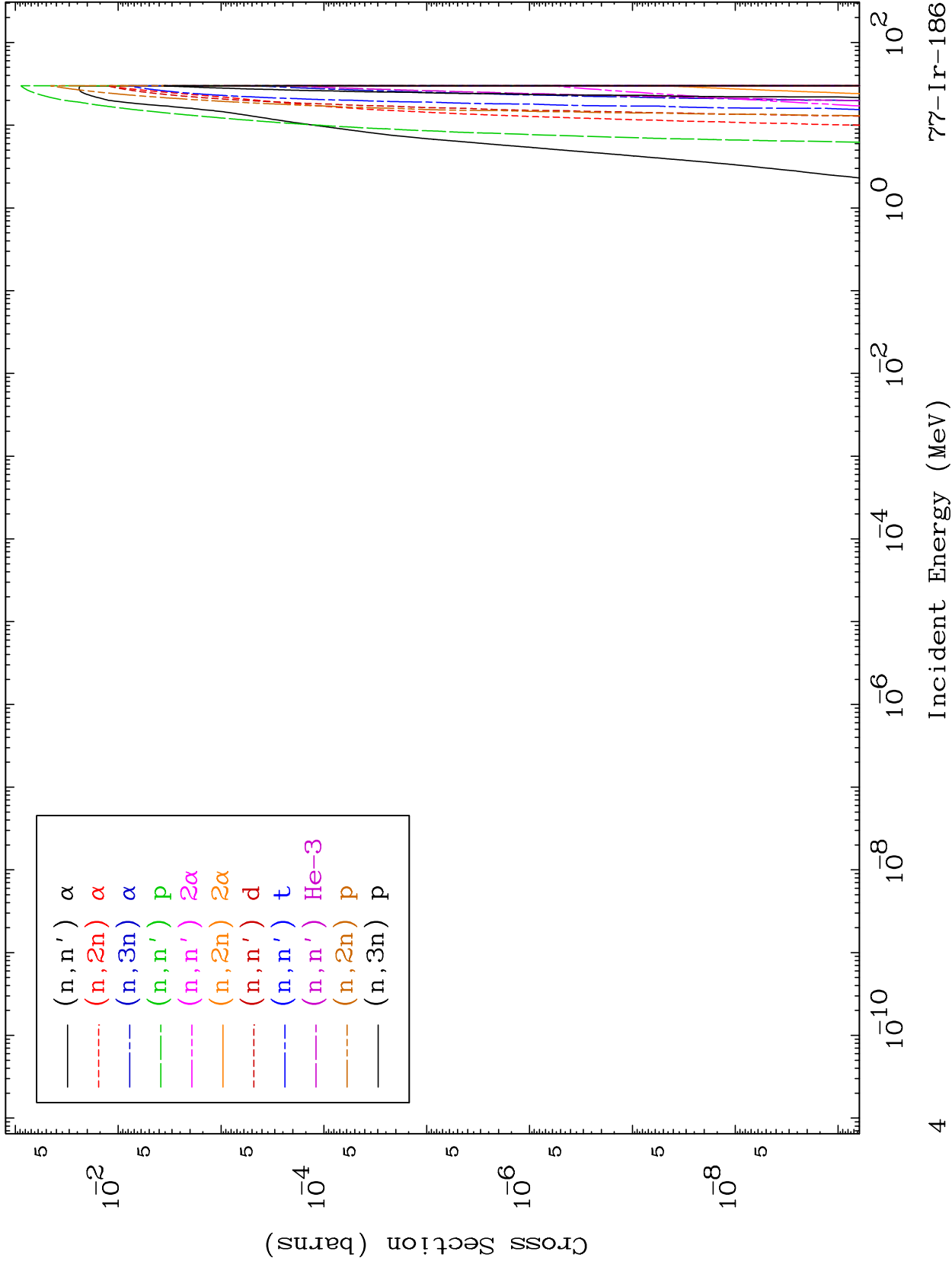
Incident Energy (MeV)

77-Ir-186

MAT 7710

Charged Particle
293 Kelvin Cross Sections

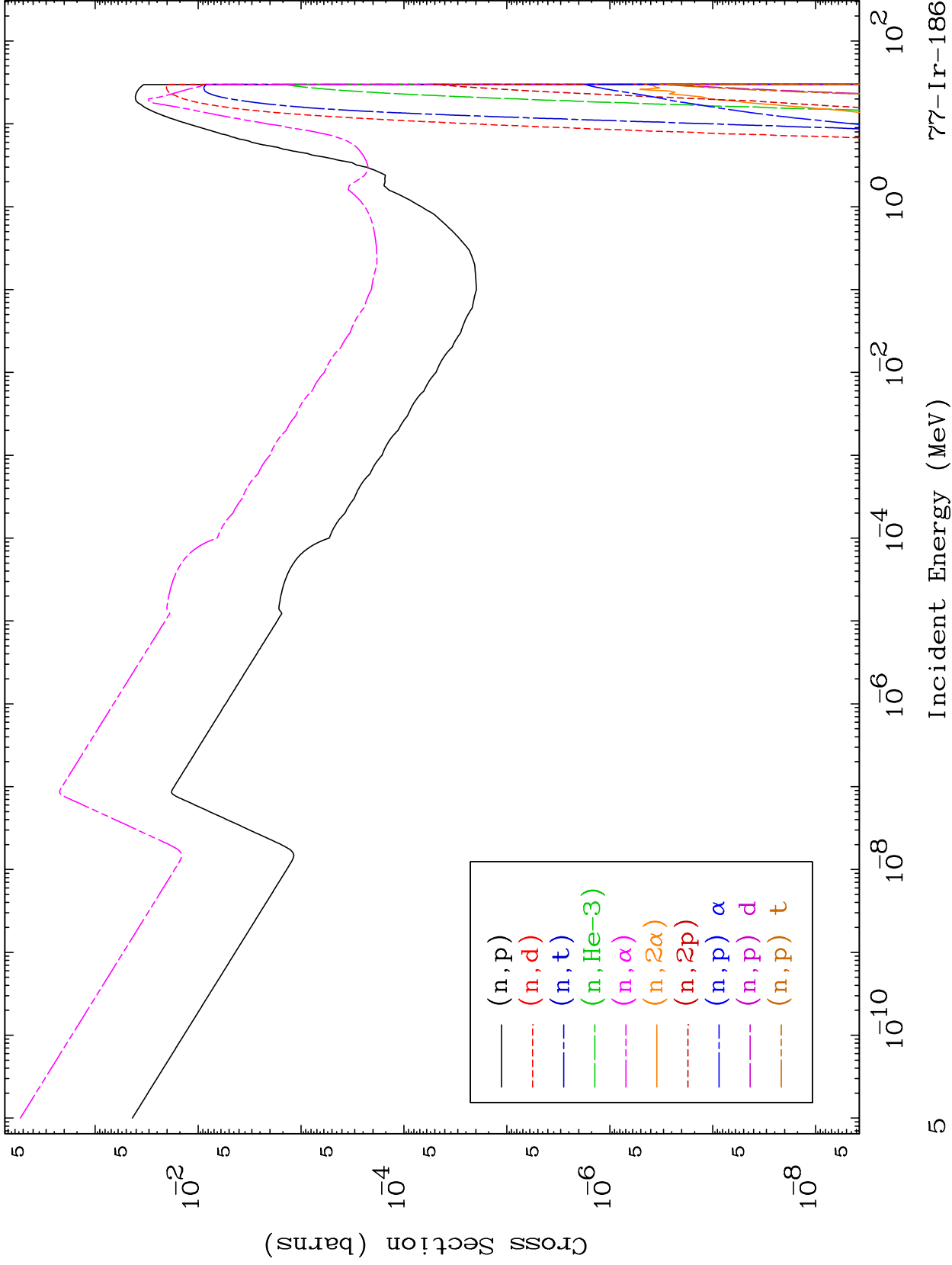
77-Ir-186

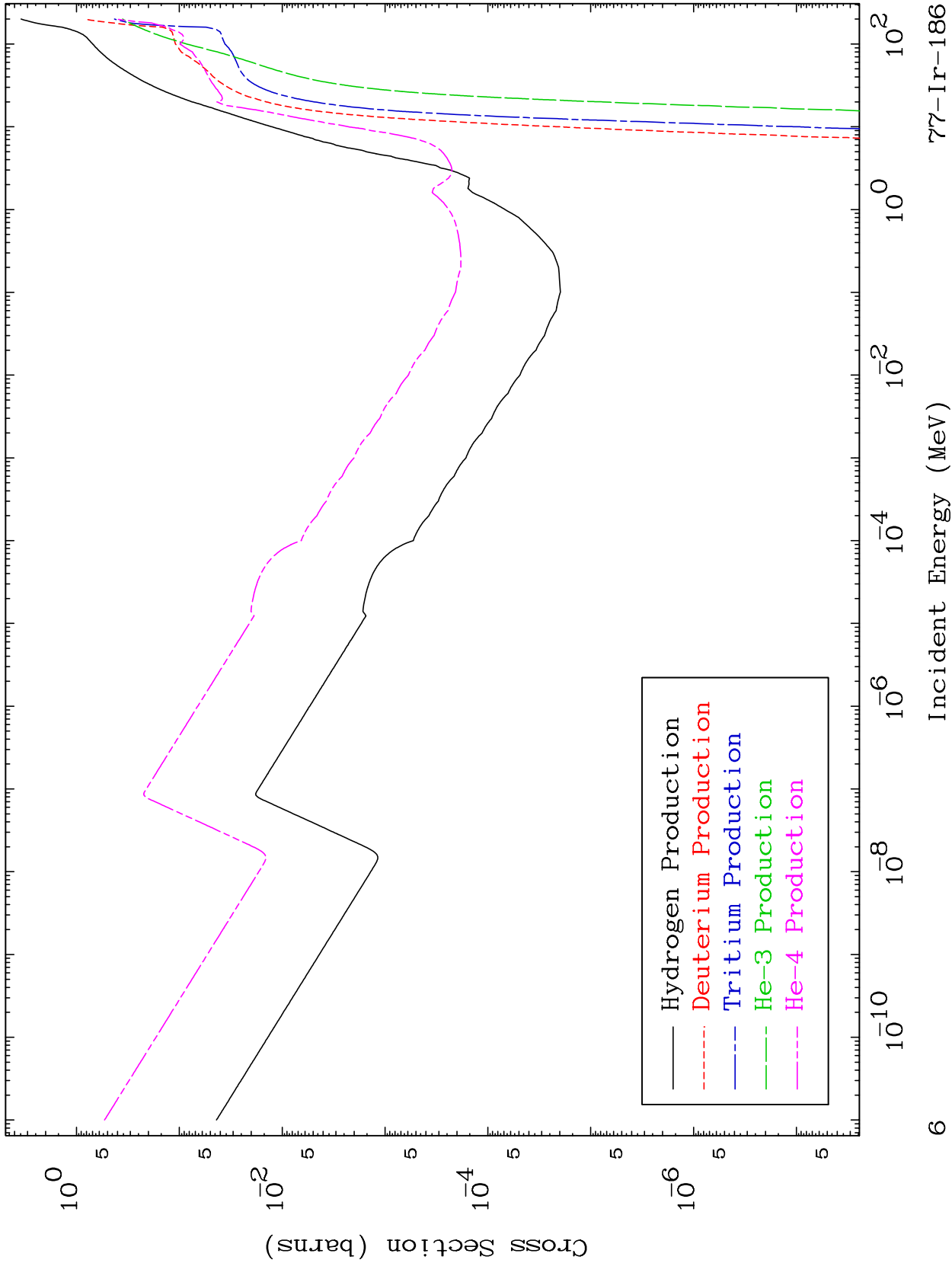


MAT 7710

Charged Particle
293 Kelvin Cross Sections

77-Ir-186

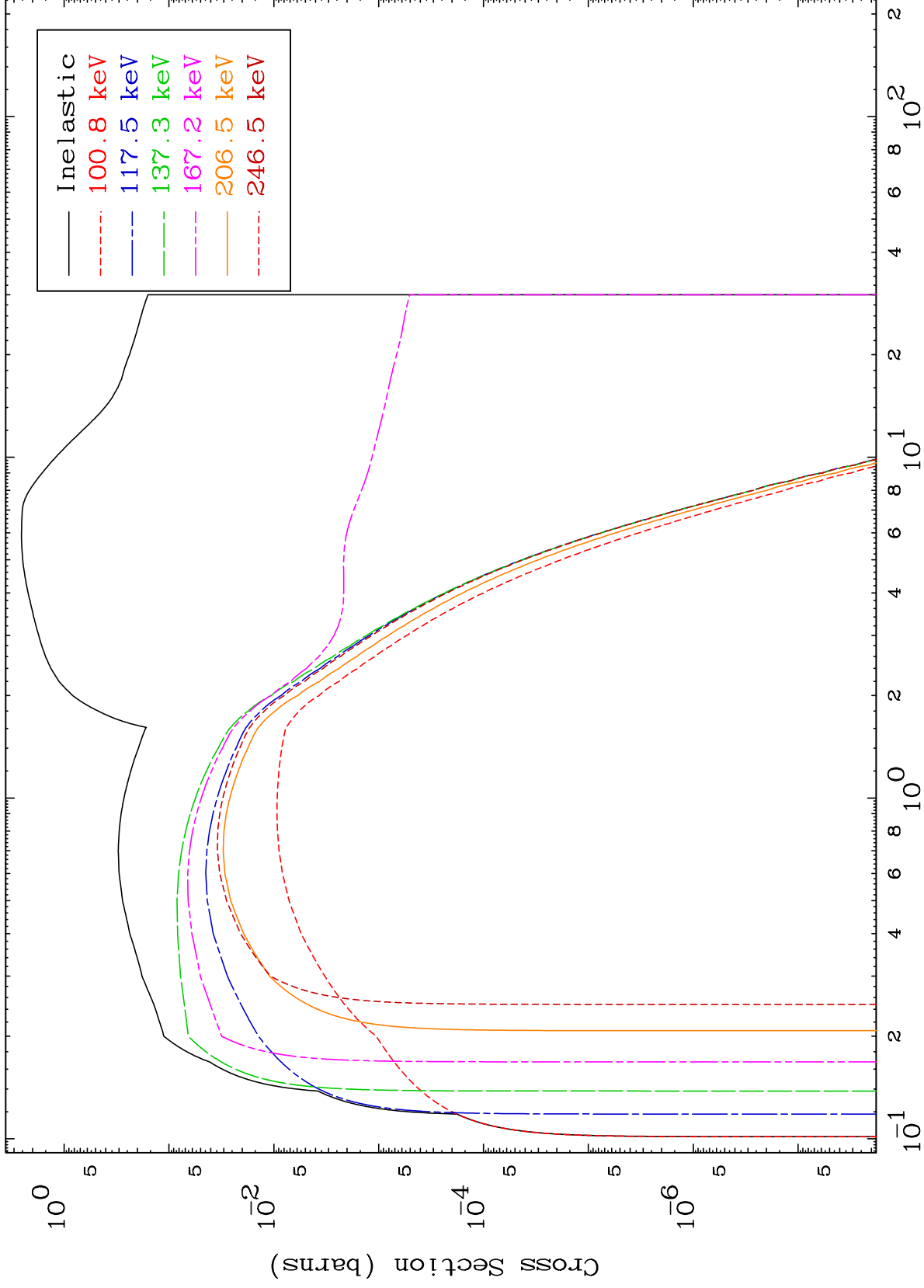




MAT 7710

(n,n') Level
293 Kelvin Cross Sections

77-Ir-186



77-Ir-186

Incident Energy (MeV)

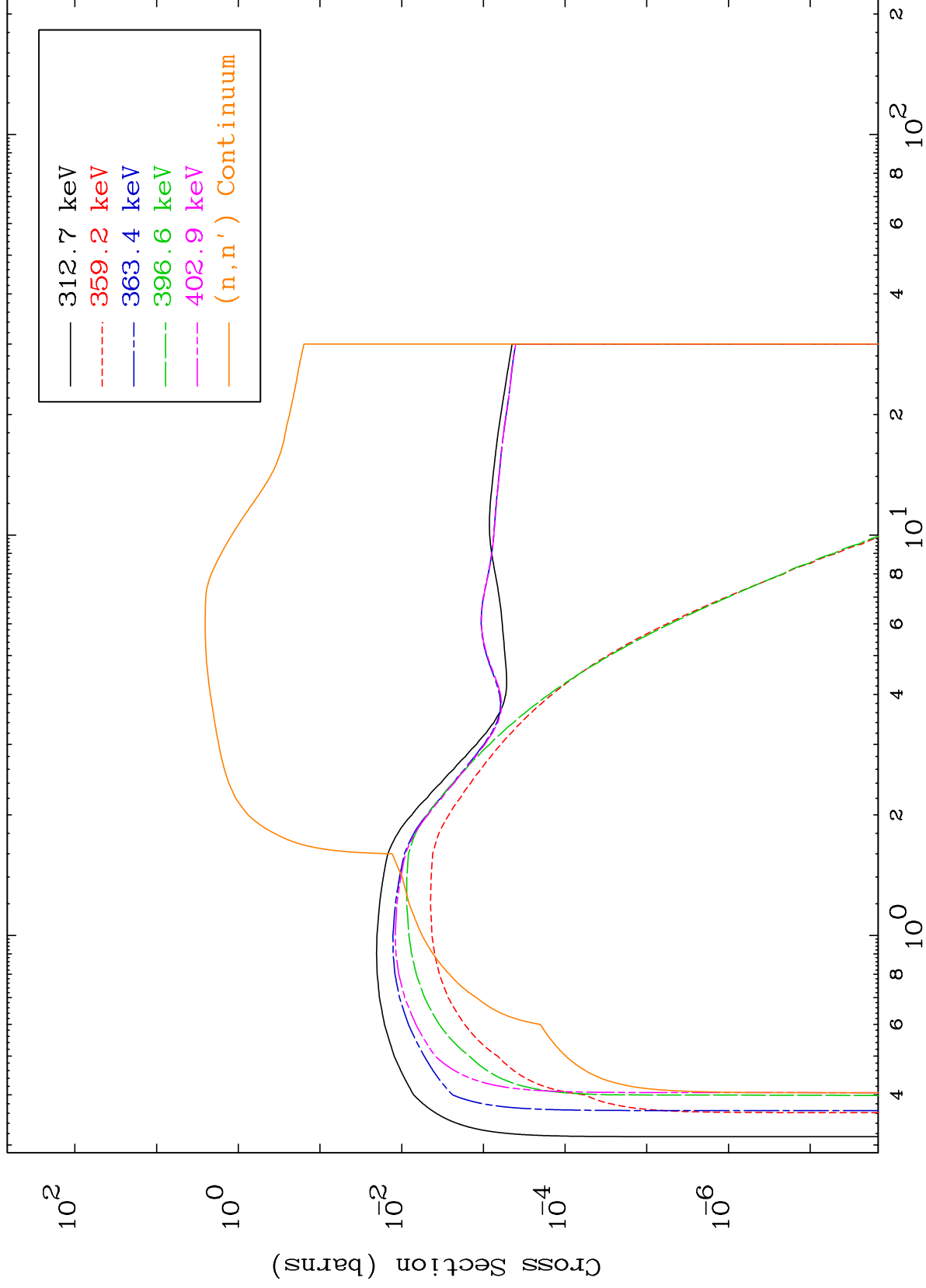
7

MAT 7710

(n,n') Level

77-Ir-186

293 Kelvin Cross Sections



8

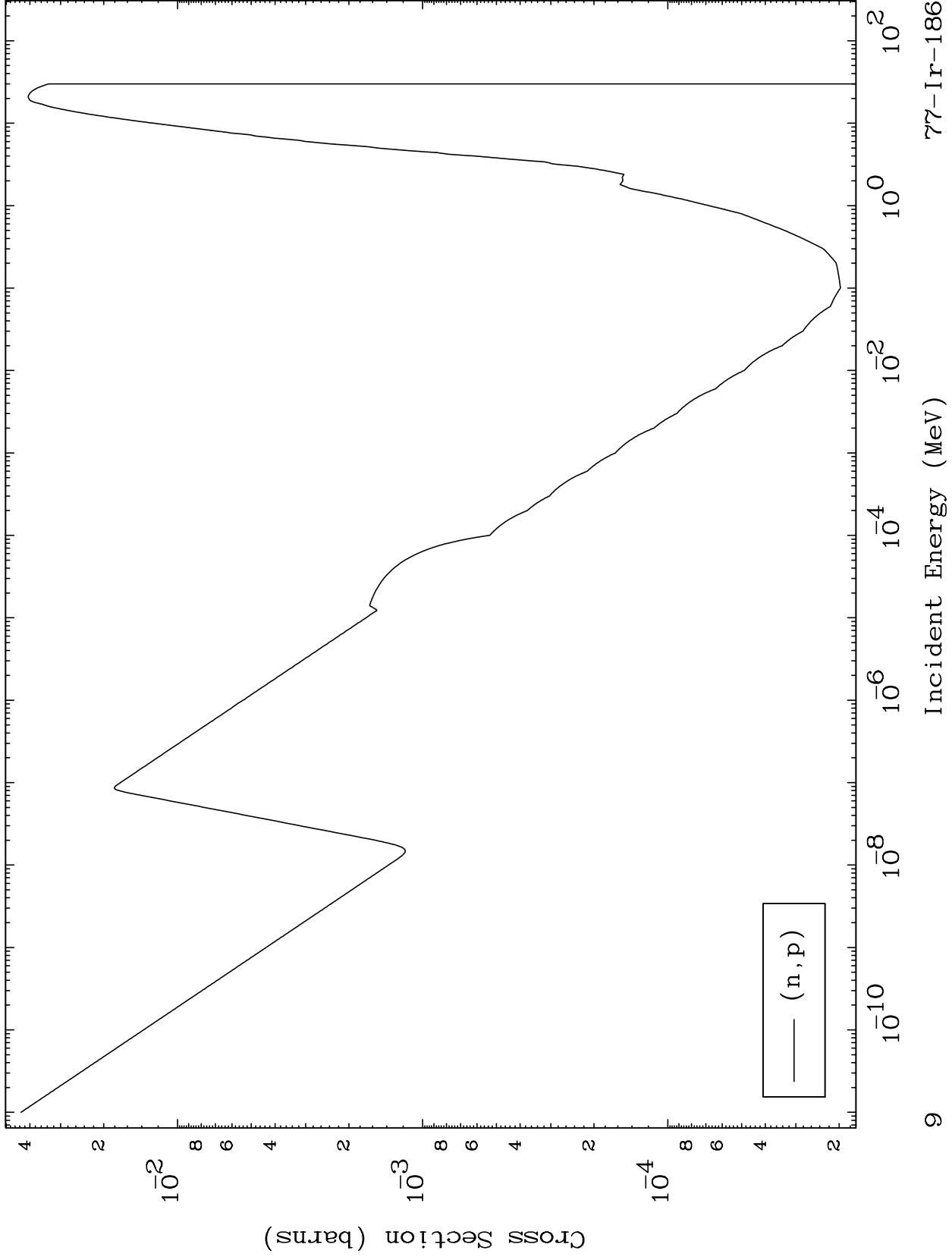
Incident Energy (MeV)

77-Ir-186

MAT 7710

(n,p) Levels
293 Kelvin Cross Sections

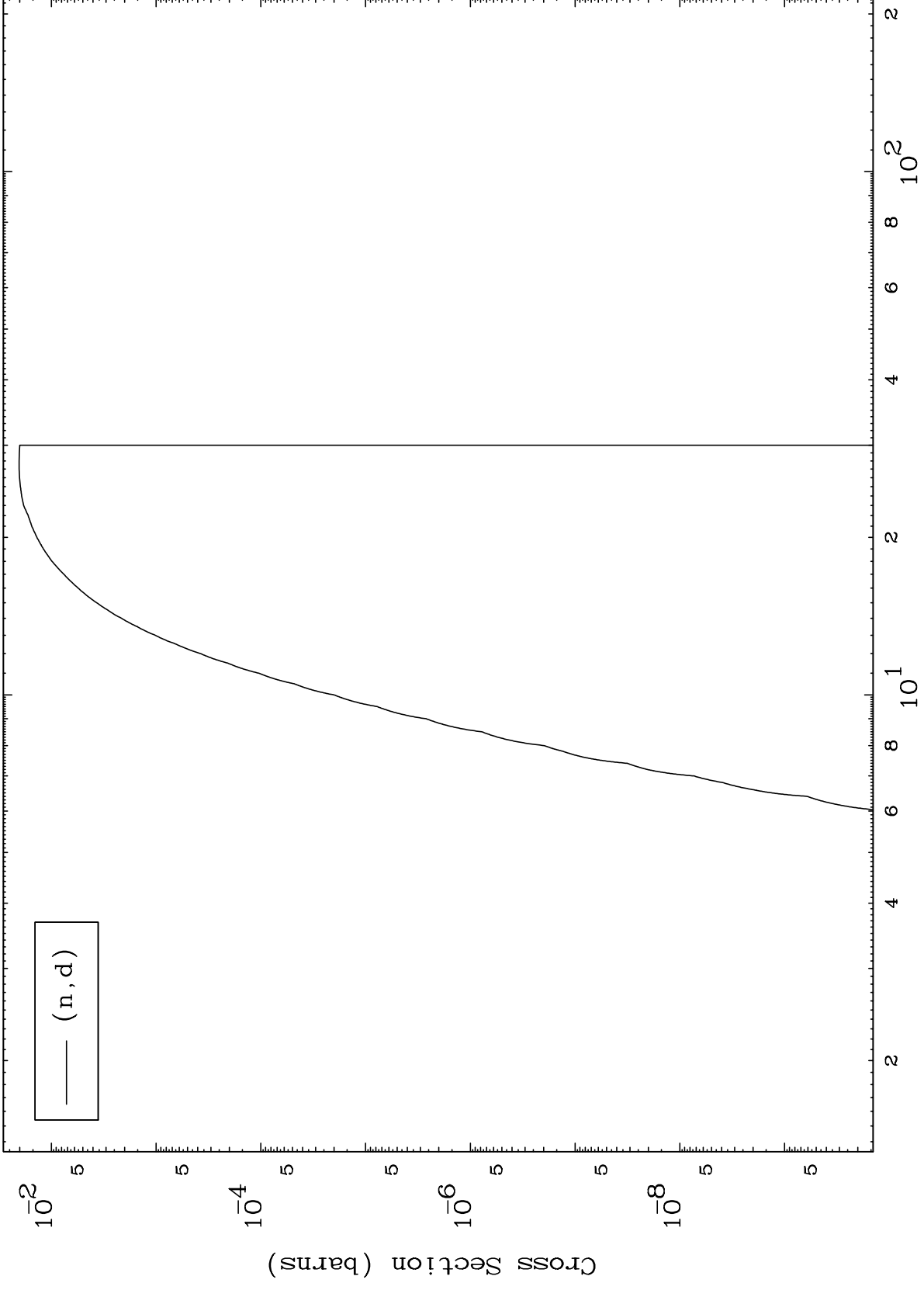
77-Ir-186



MAT 7710

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-186



10

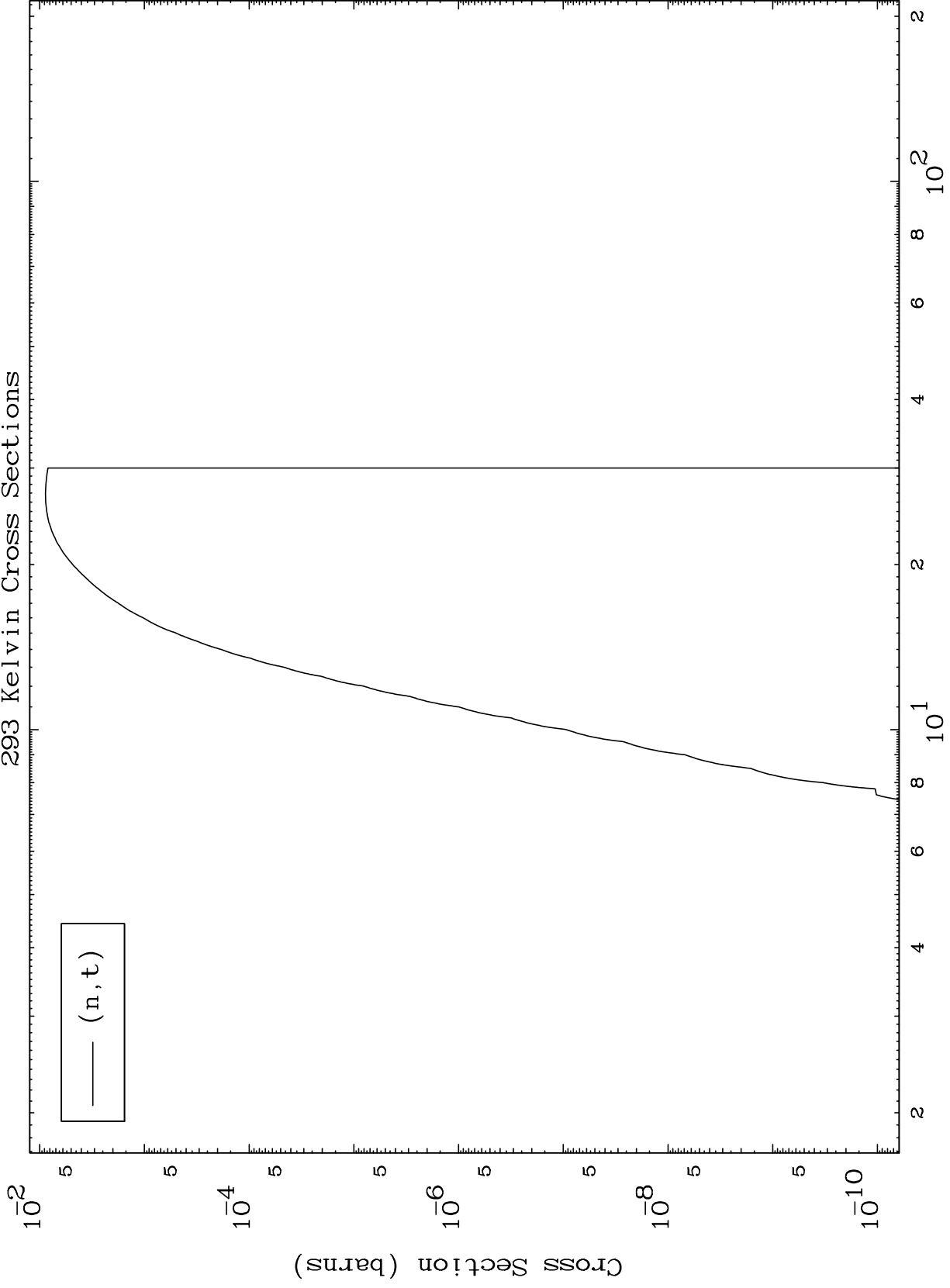
Incident Energy (MeV)

77-Ir-186

MAT 7710

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-186



11

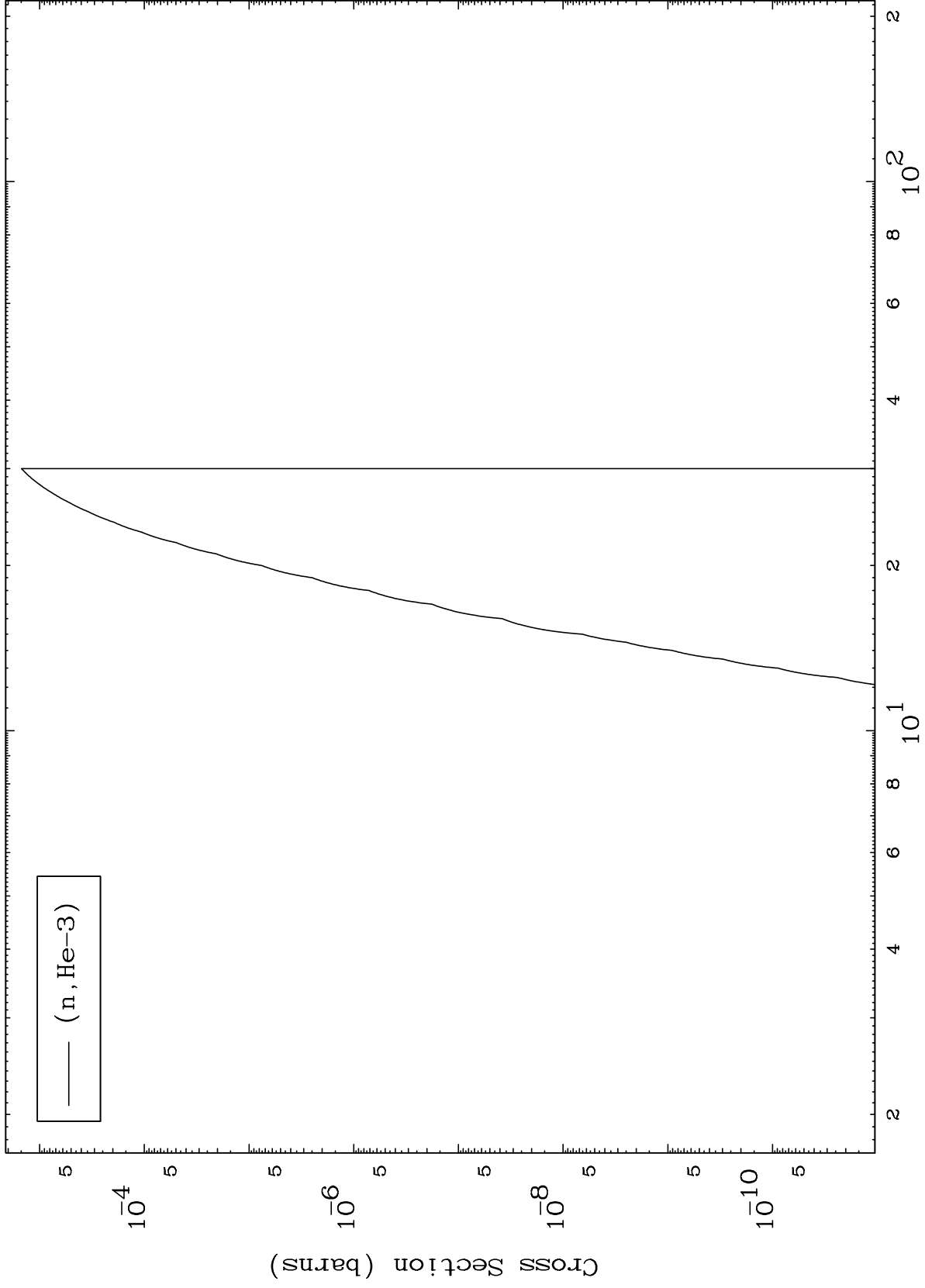
Incident Energy (MeV)

77-Ir-186

MAT 7710

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-186



12

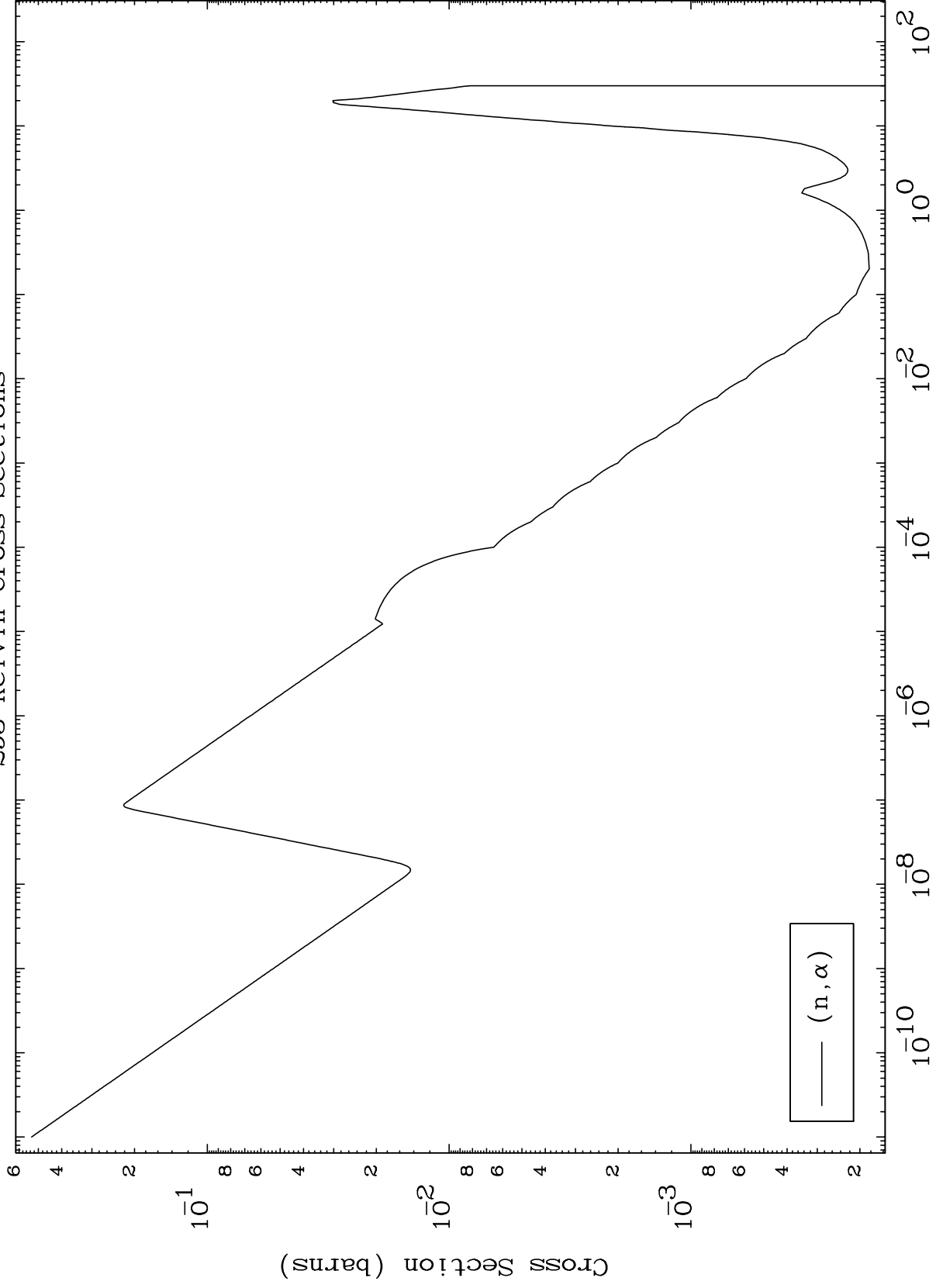
Incident Energy (MeV)

77-Ir-186

MAT 7710

(n,α) Levels
293 Kelvin Cross Sections

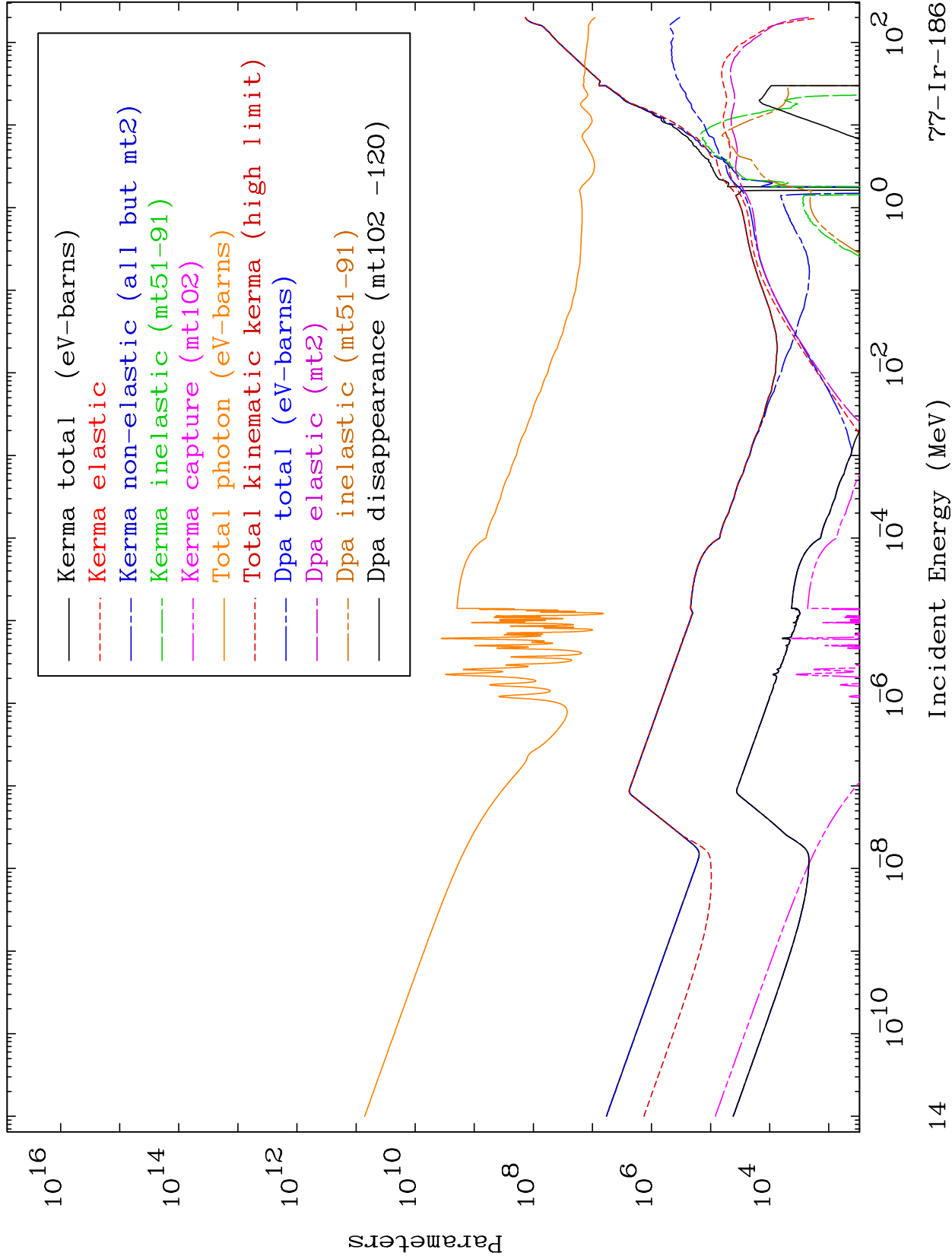
77-Ir-186

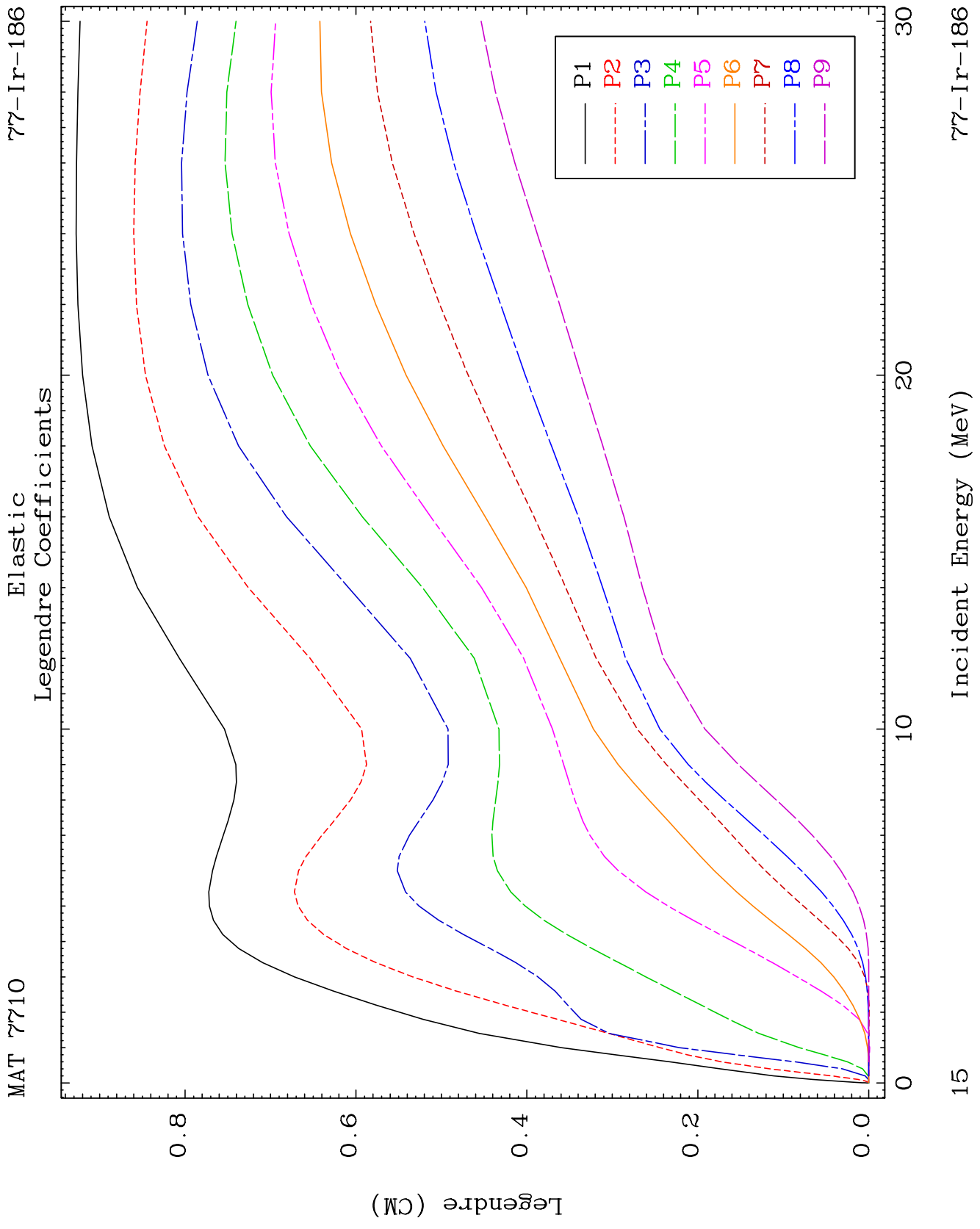


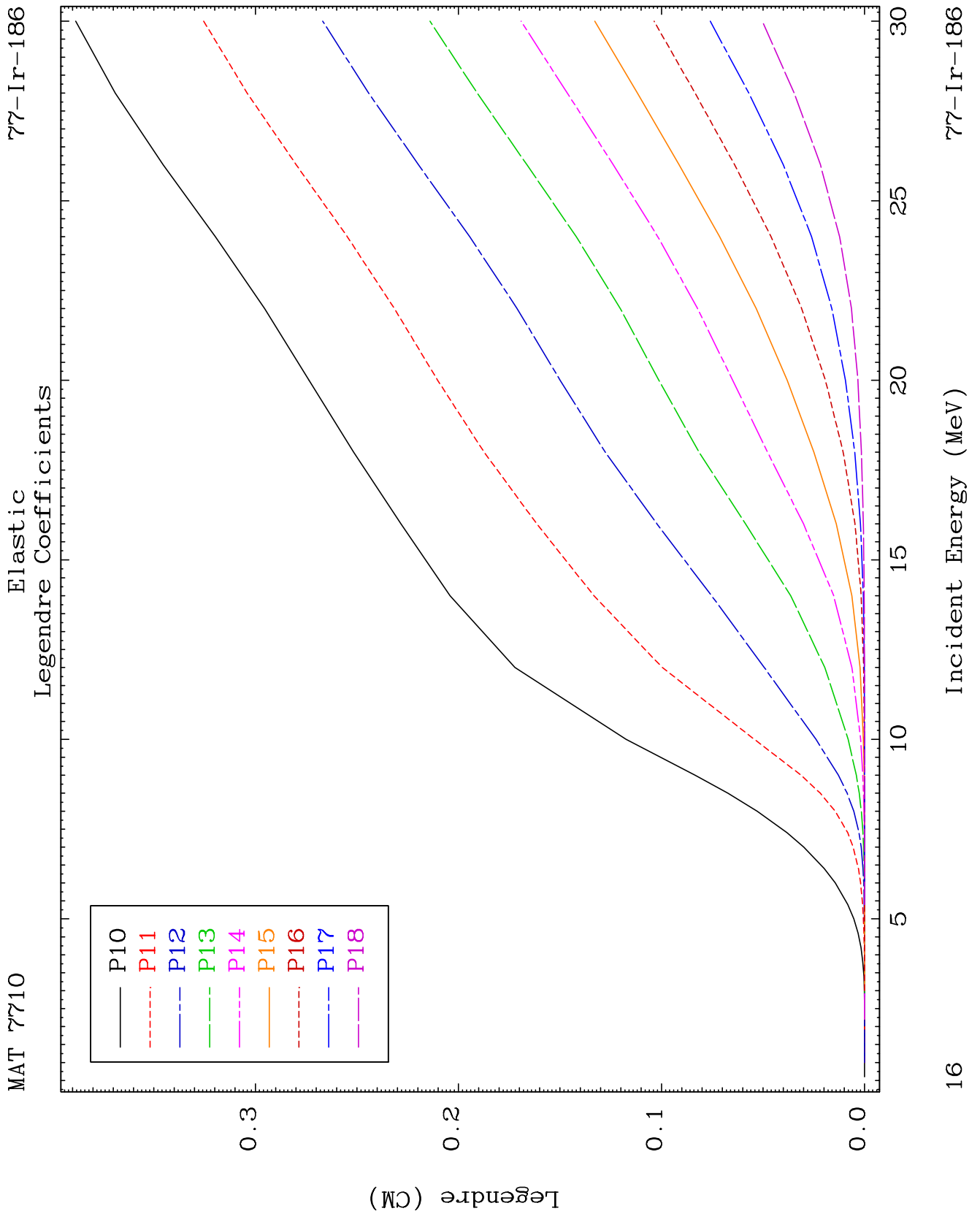
13

Incident Energy (MeV)

77-Ir-186



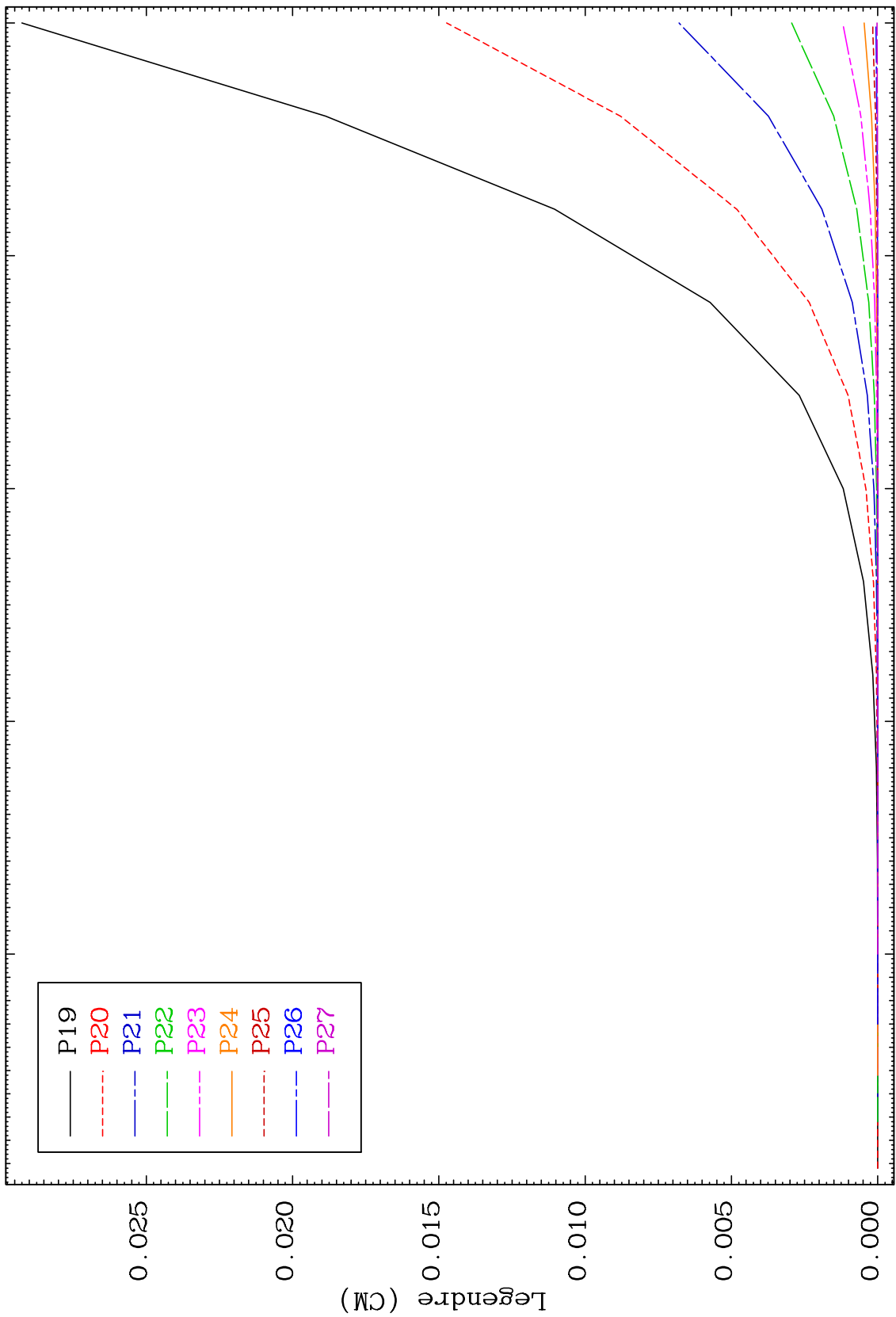




MAT 7710

Elastic Legendre Coefficients

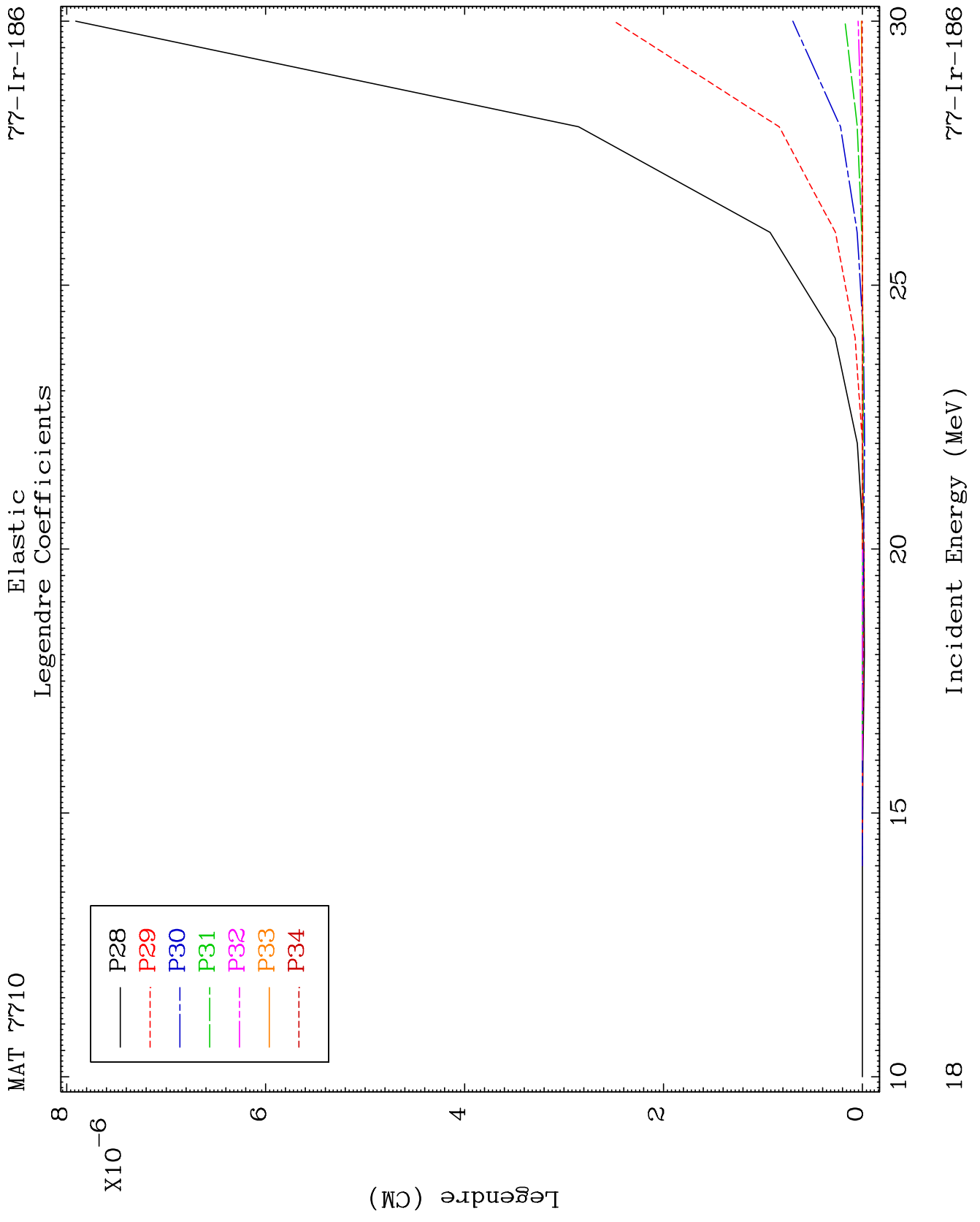
77-Ir-186

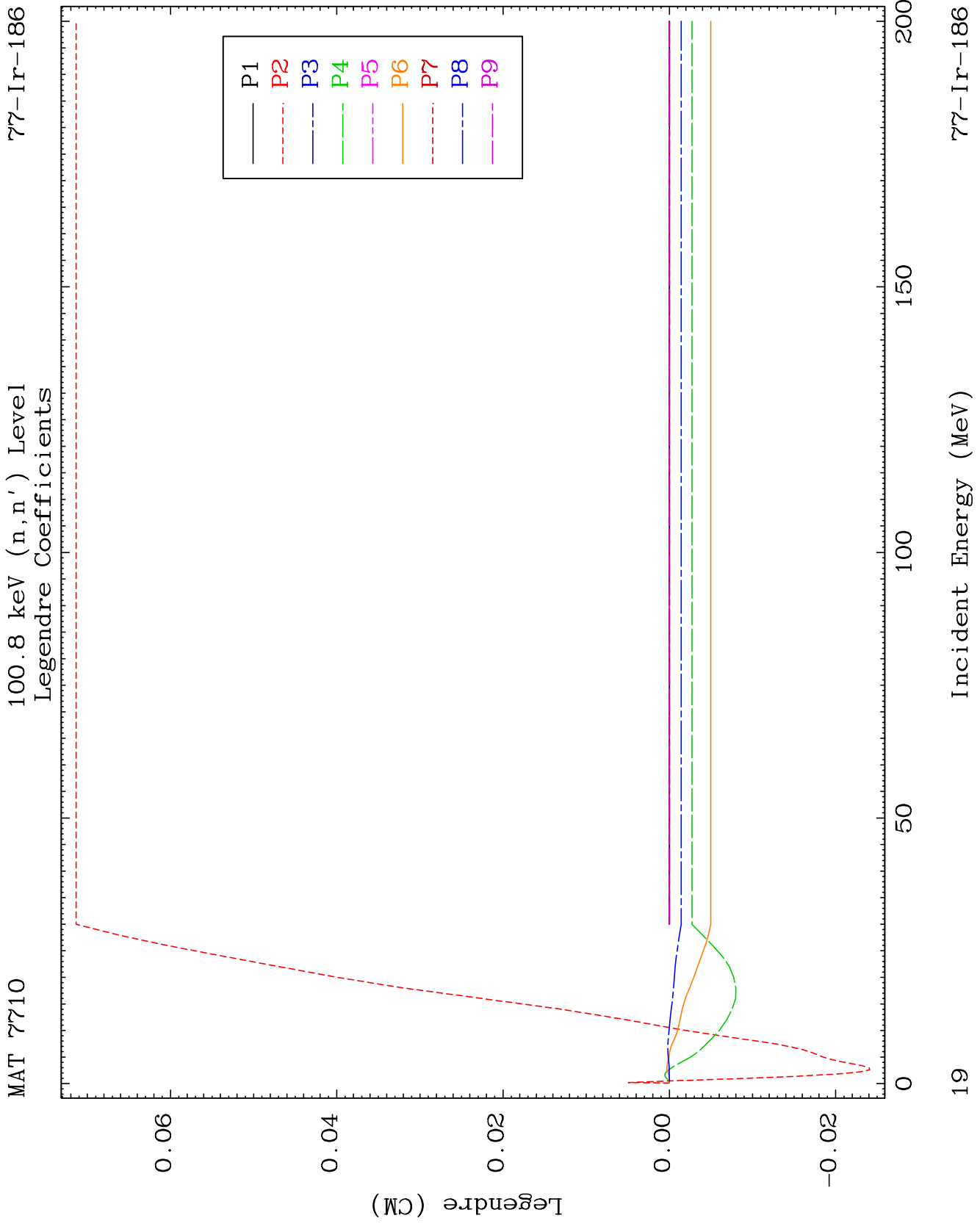


17

Incident Energy (MeV)

77-Ir-186

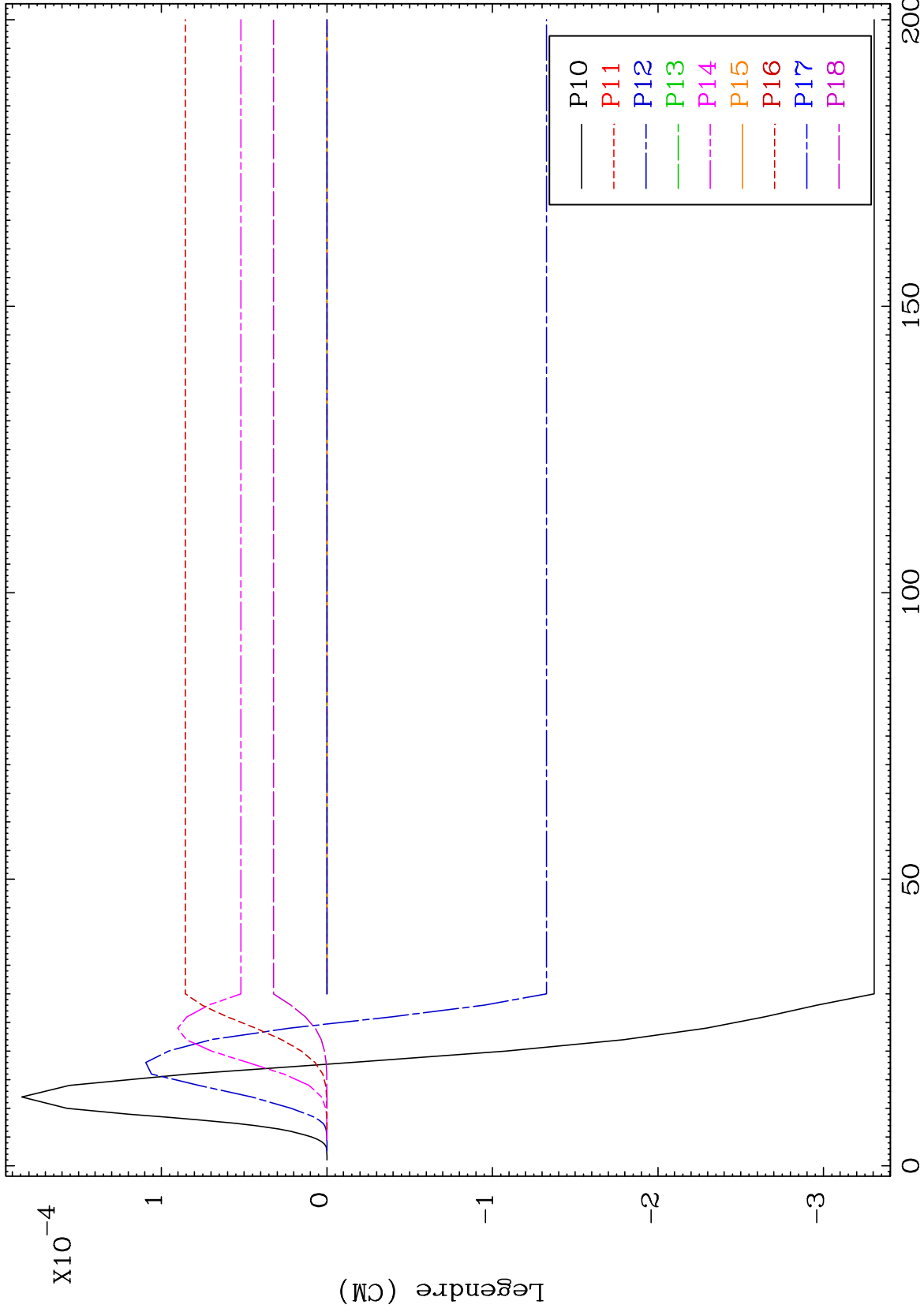




MAT 7710

100.8 keV (n,n') Level
Legendre Coefficients

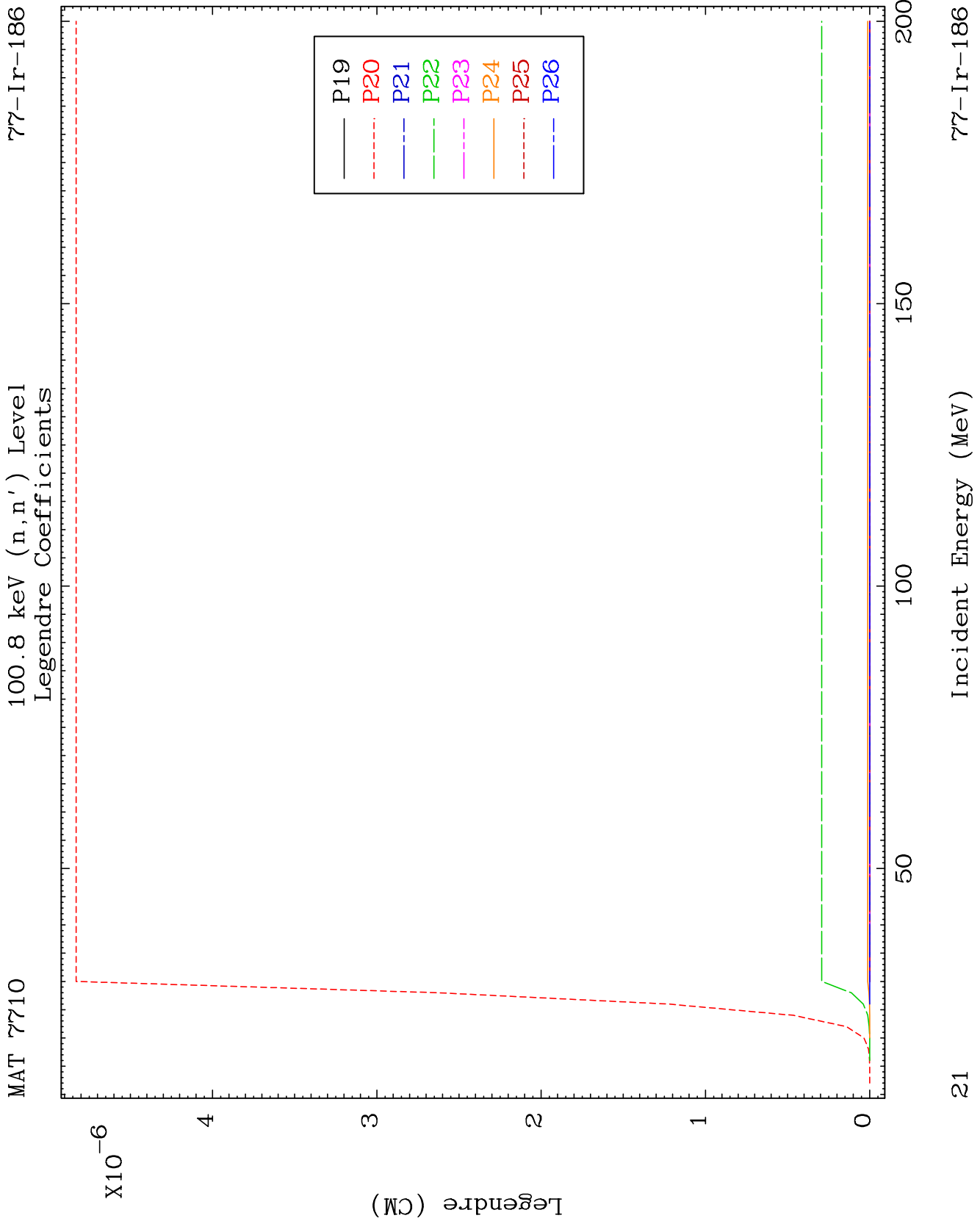
77-Ir-186

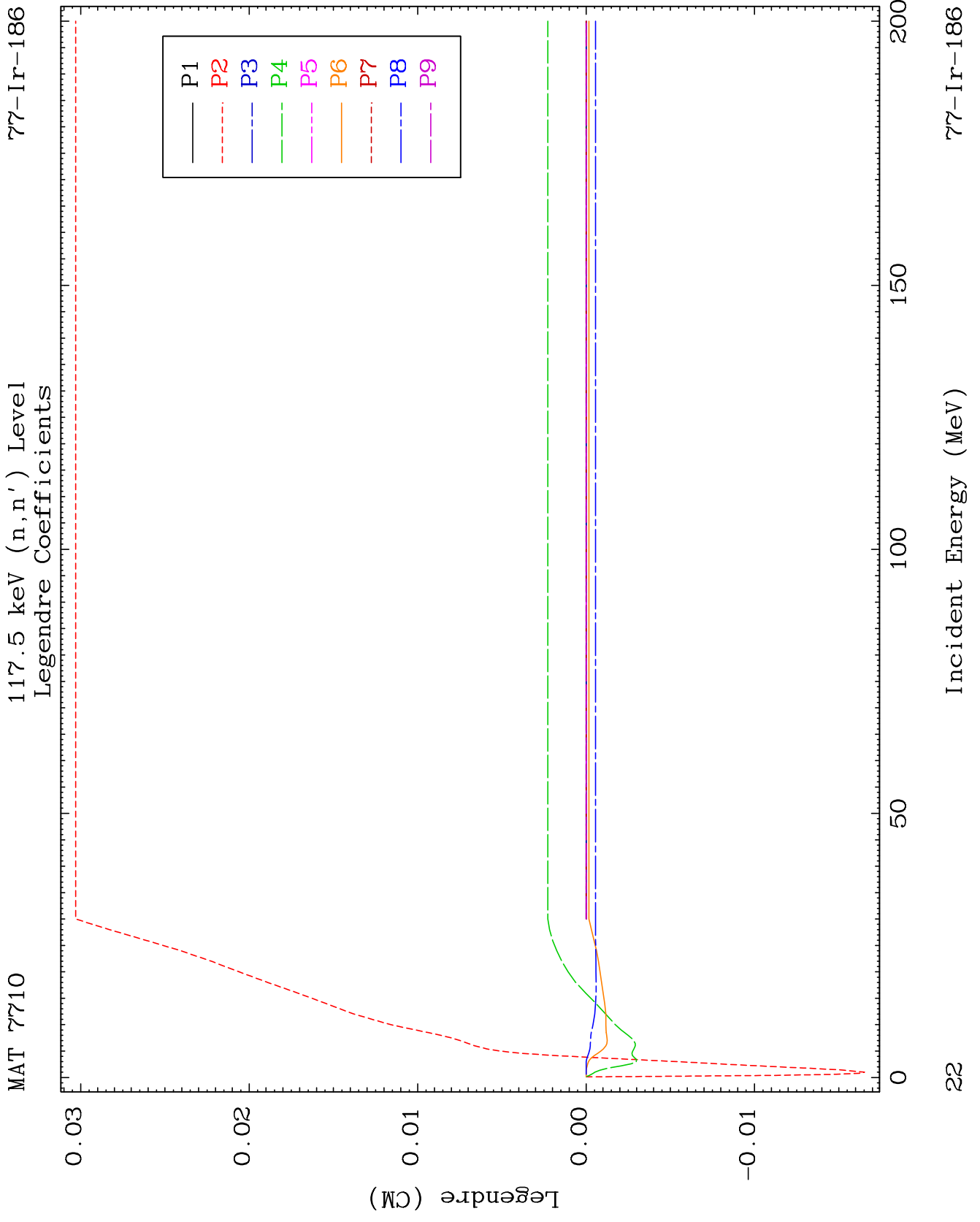


0

Incident Energy (MeV)

77-Ir-186

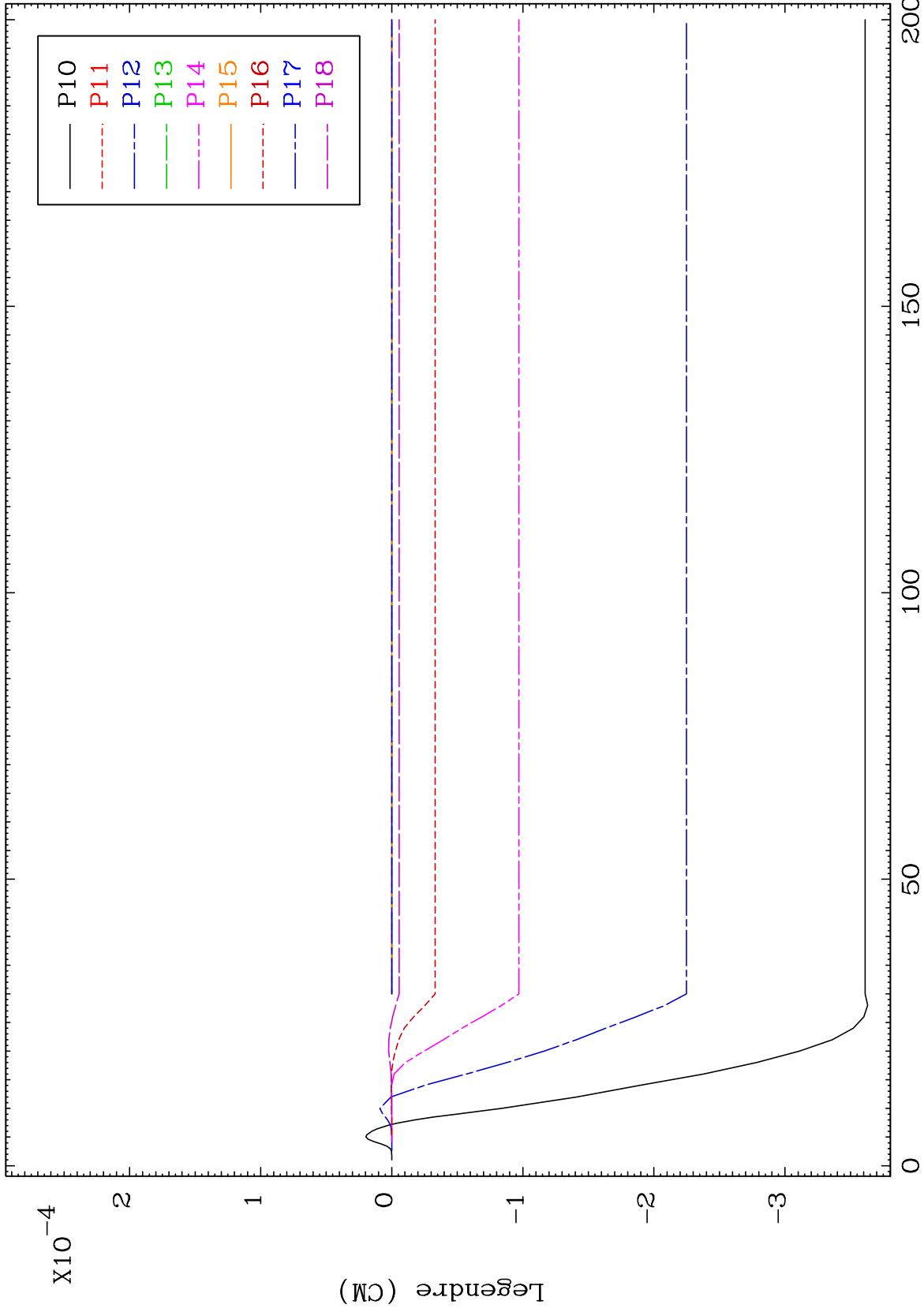




MAT 7710

117.5 keV (n,n') Level
Legendre Coefficients

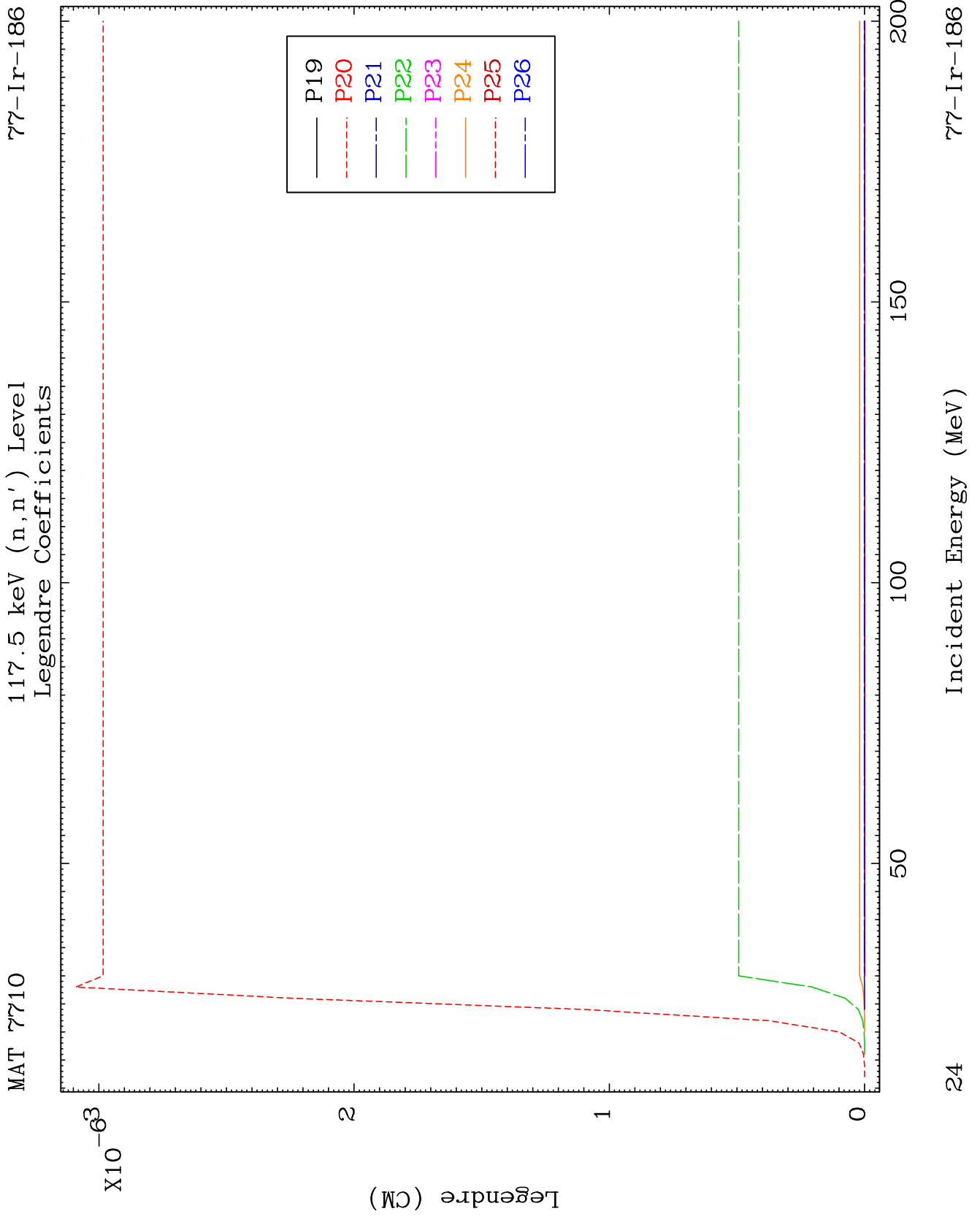
77-Ir-186

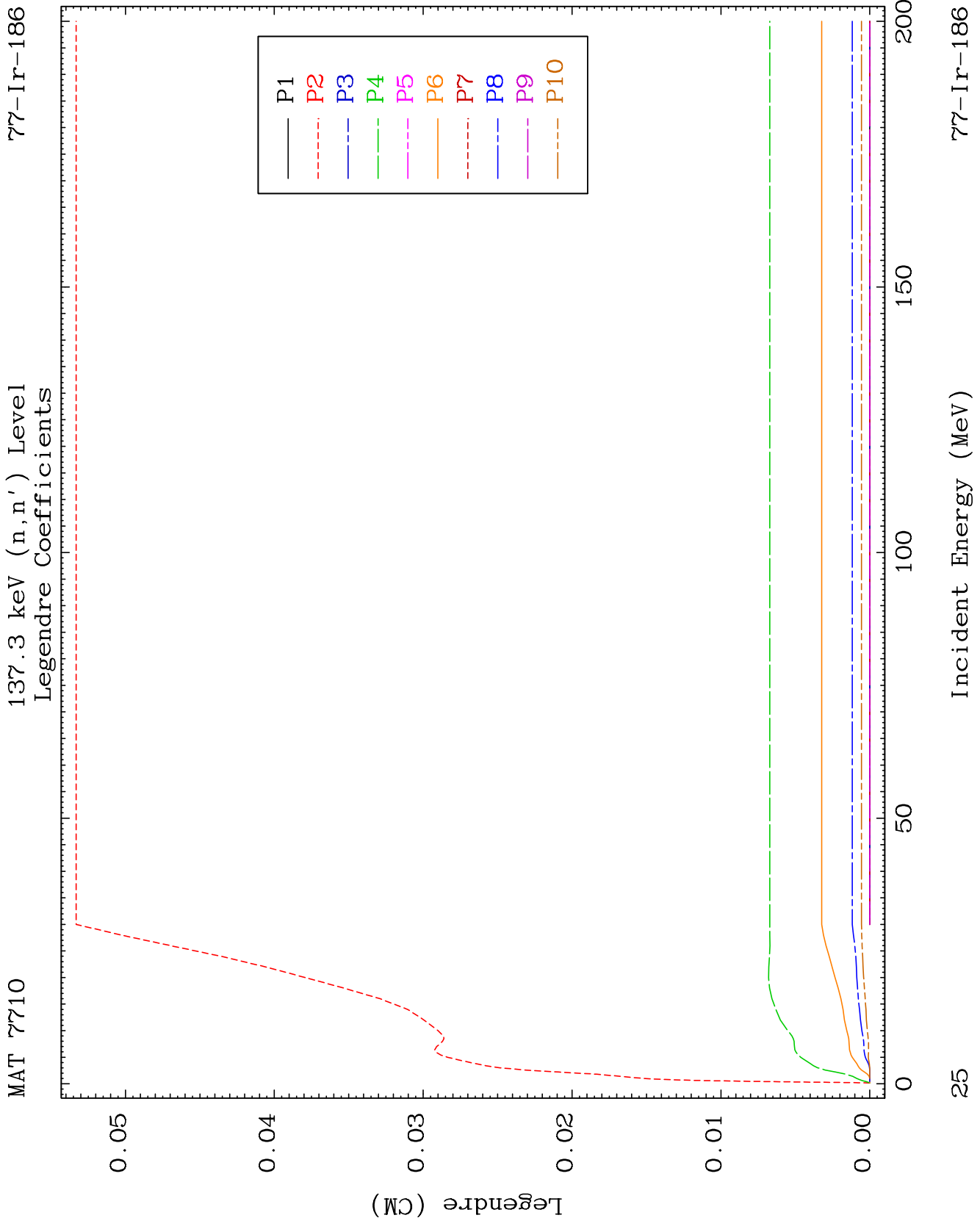


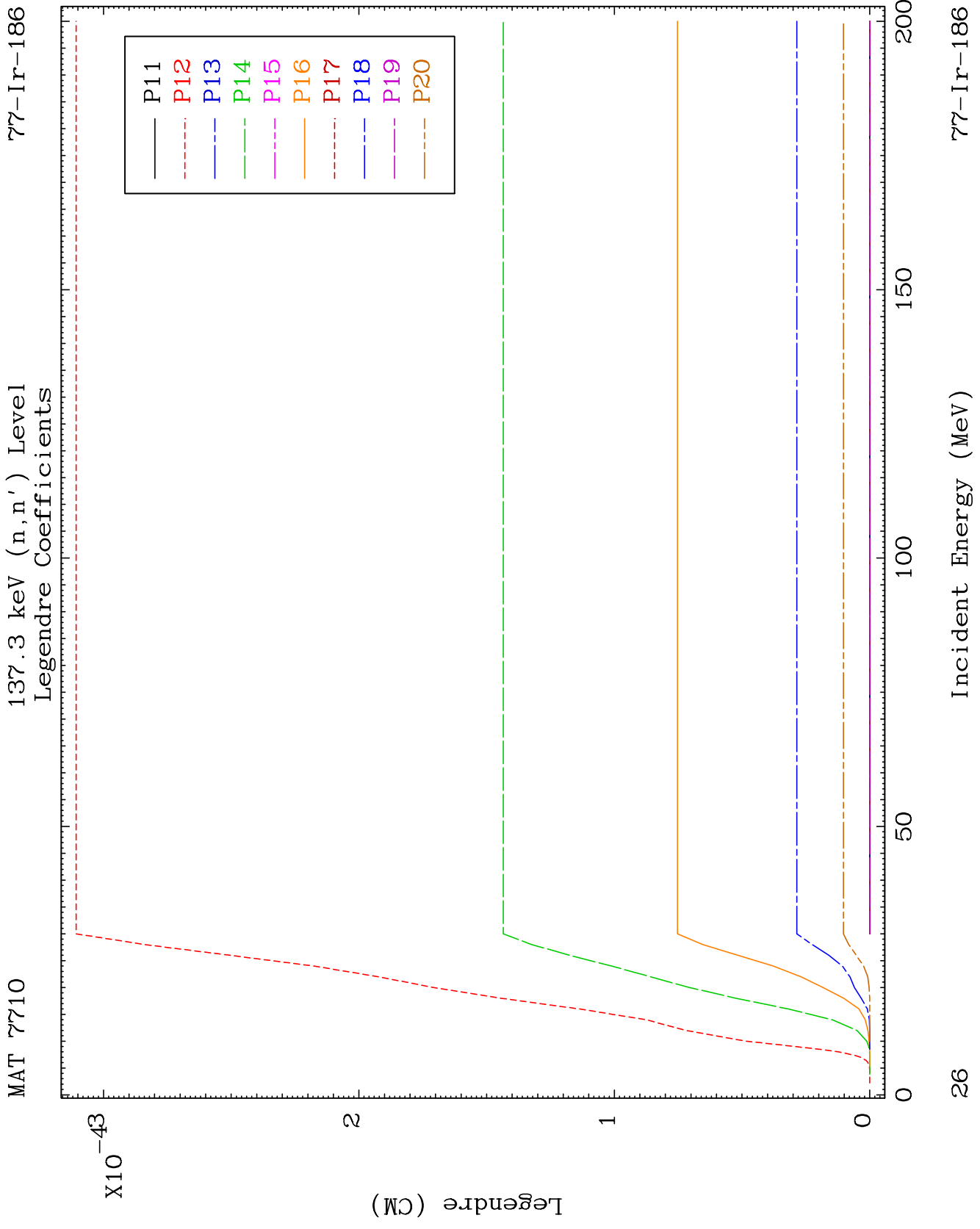
23

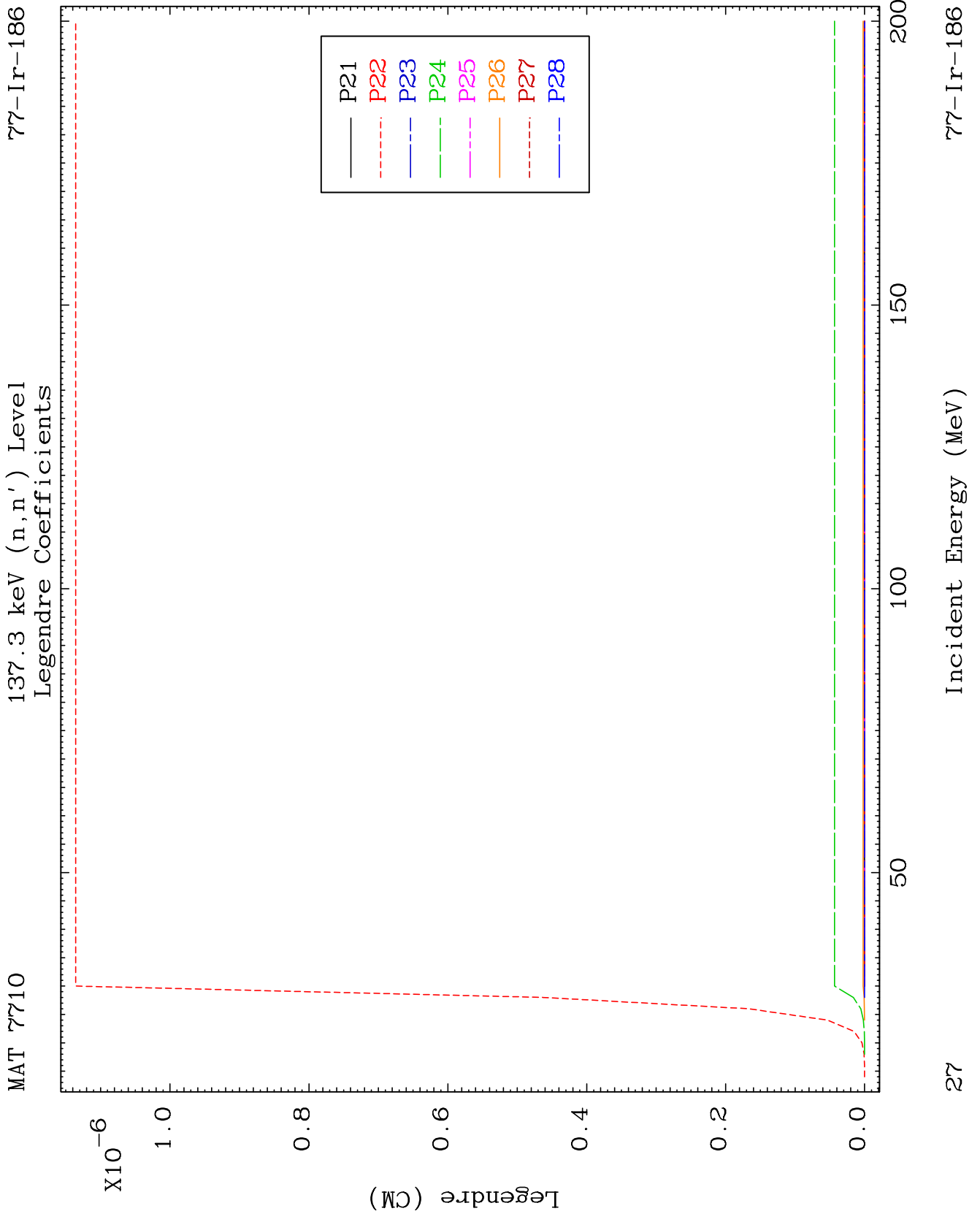
Incident Energy (MeV)

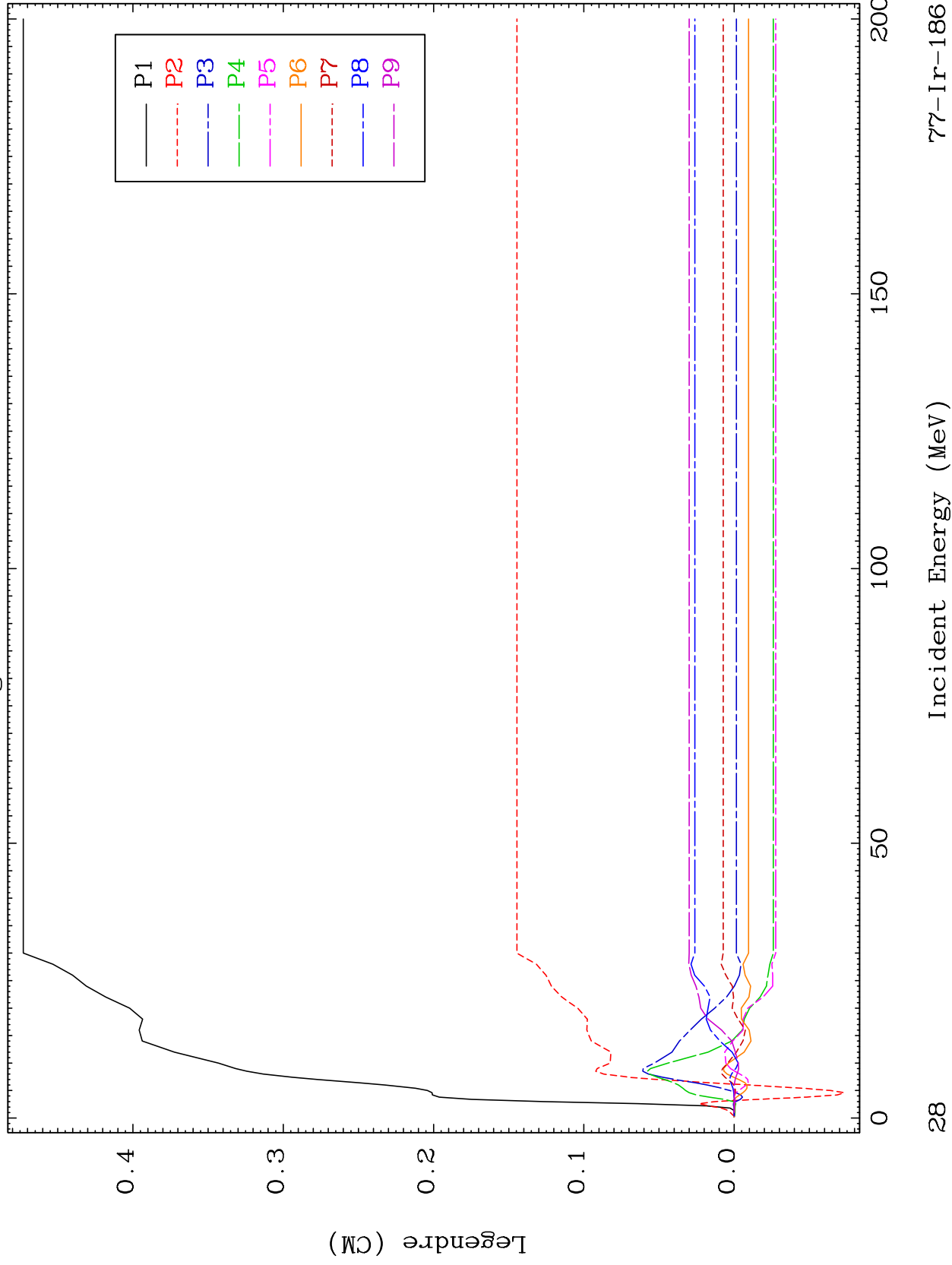
77-Ir-186







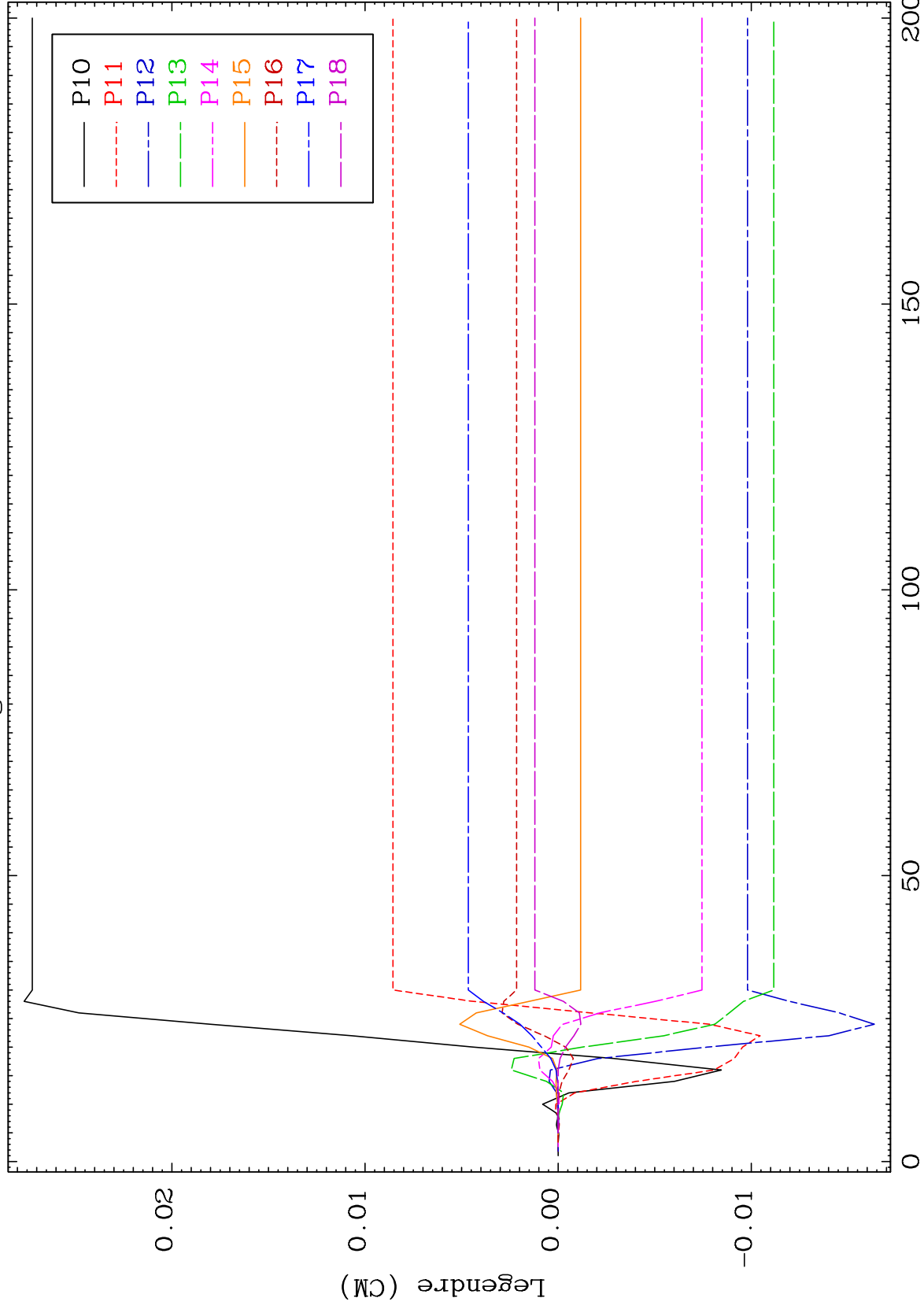




MAT 7710

167.2 keV (n,n') Level
Legendre Coefficients

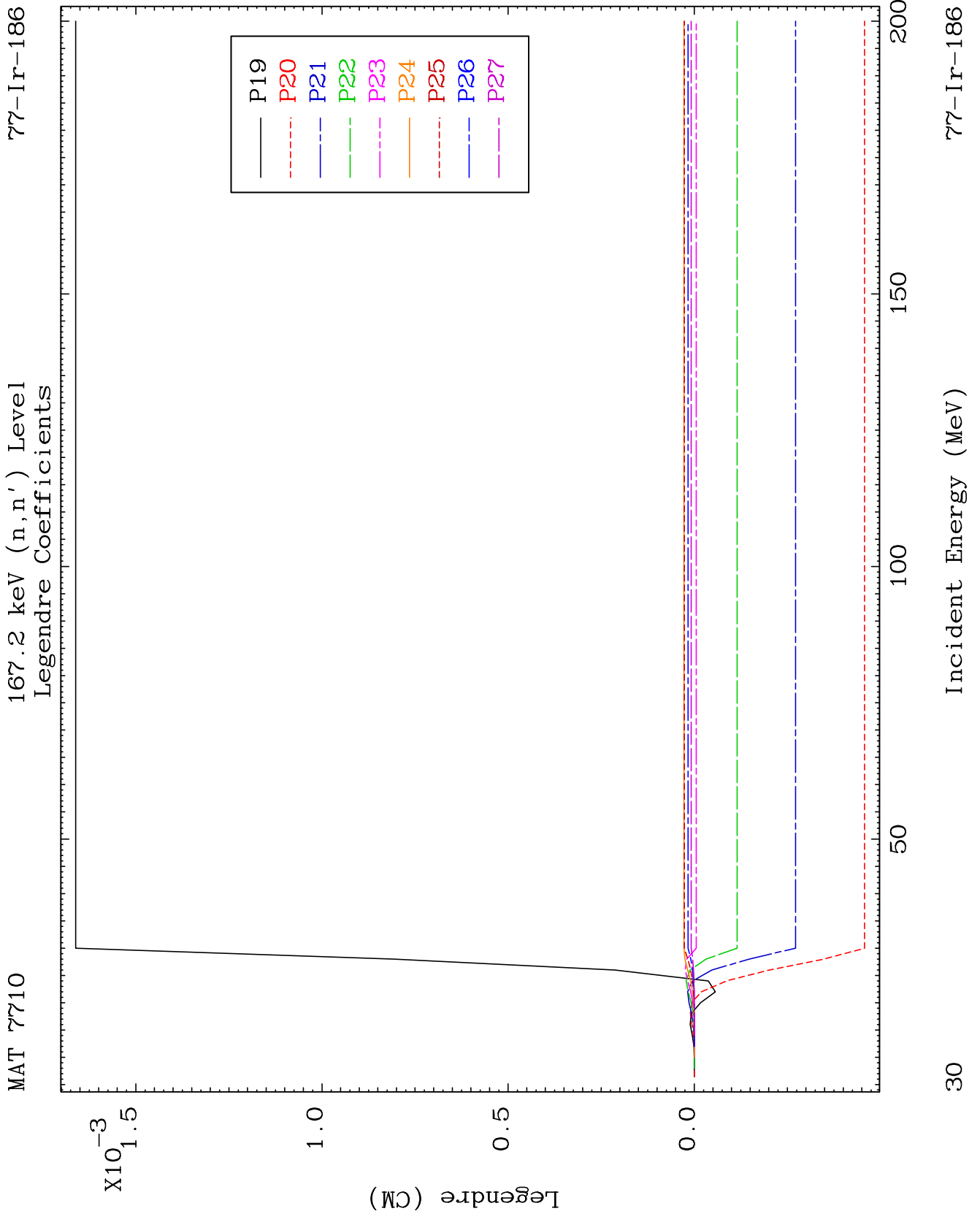
77-Ir-186



29

Incident Energy (MeV)

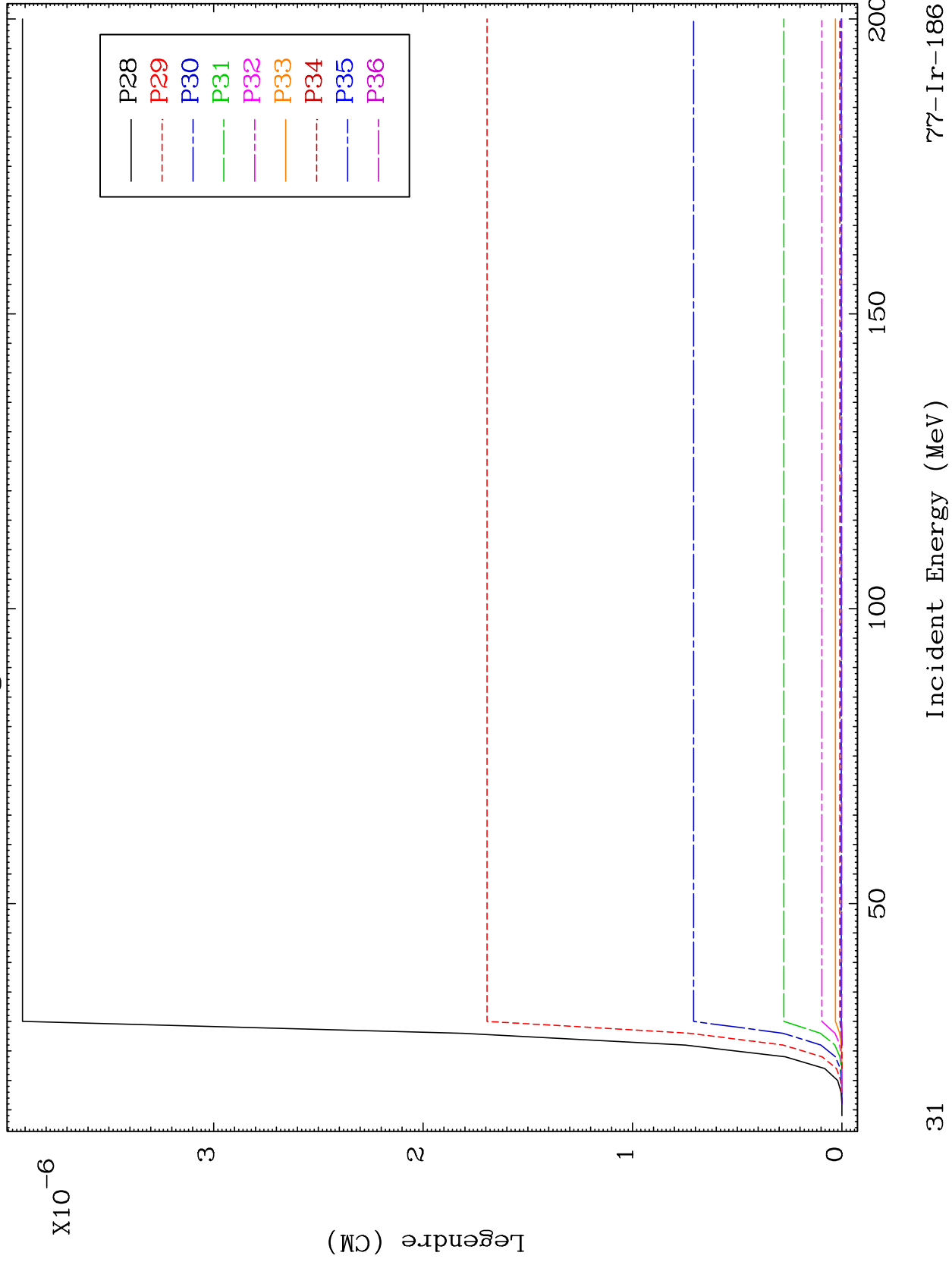
77-Ir-186



MAT 7710

167.2 keV (n,n') Level
Legendre Coefficients

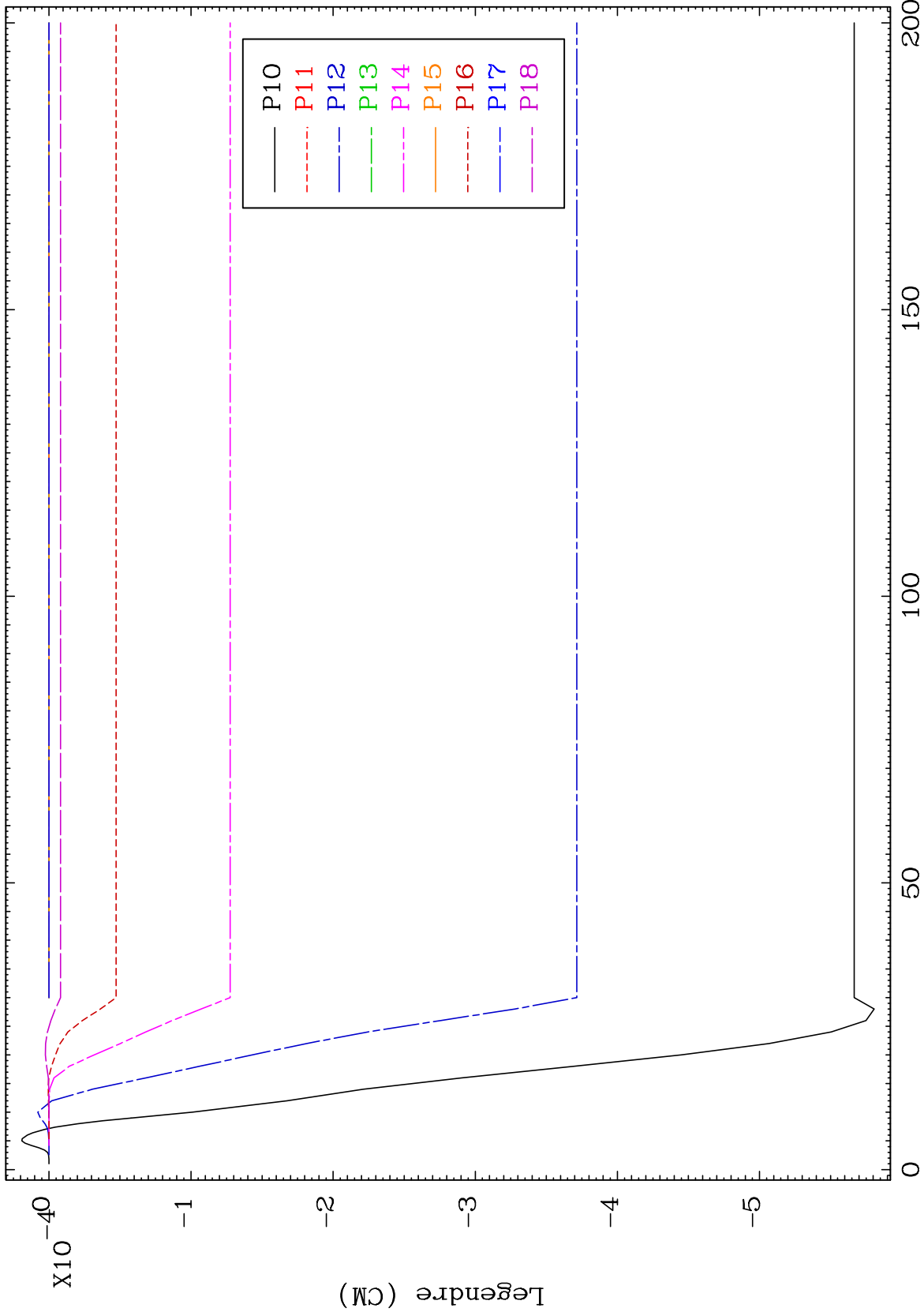
77-Ir-186

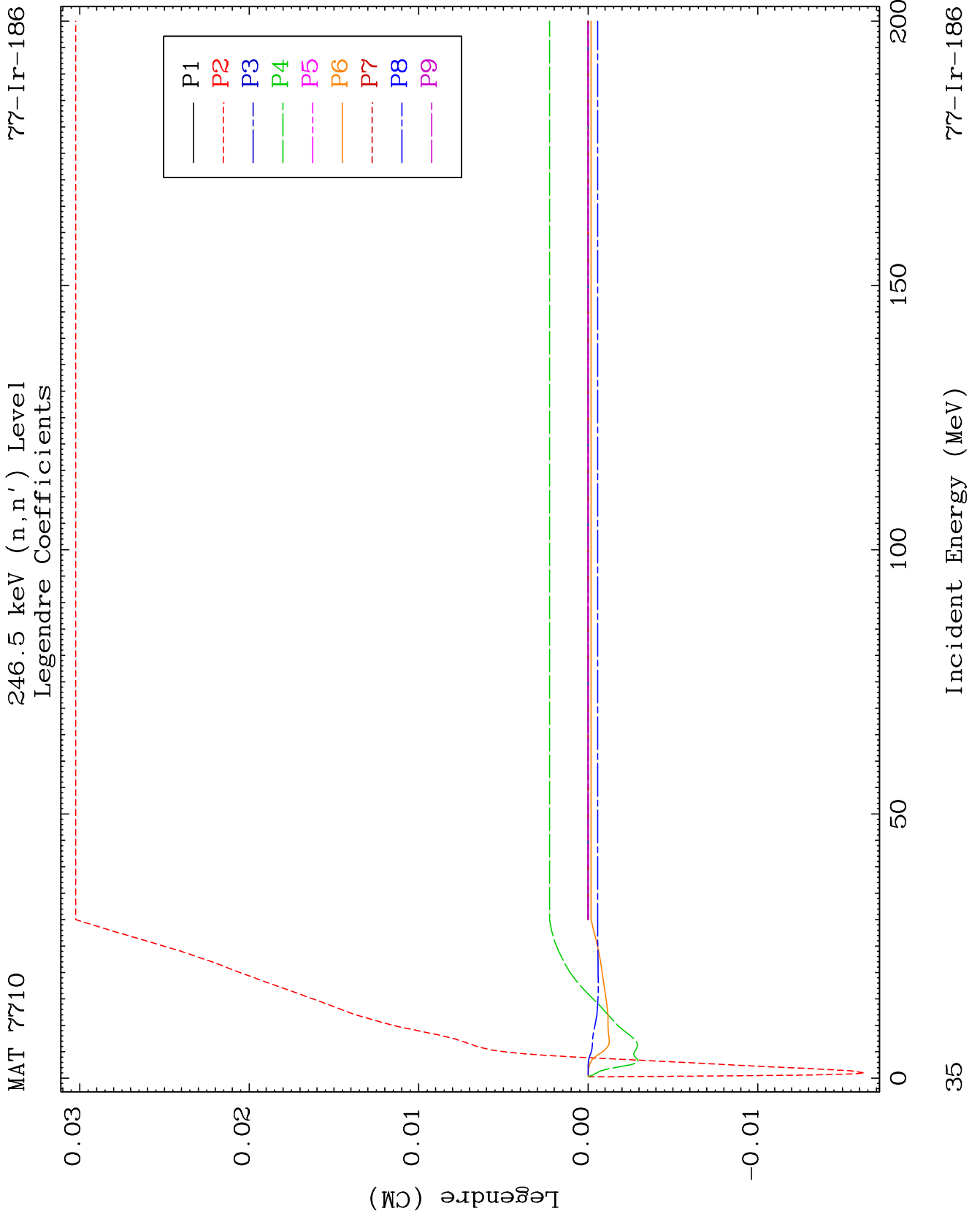


MAT 7710

206.5 keV (n,n') Level
Legendre Coefficients

77-Ir-186

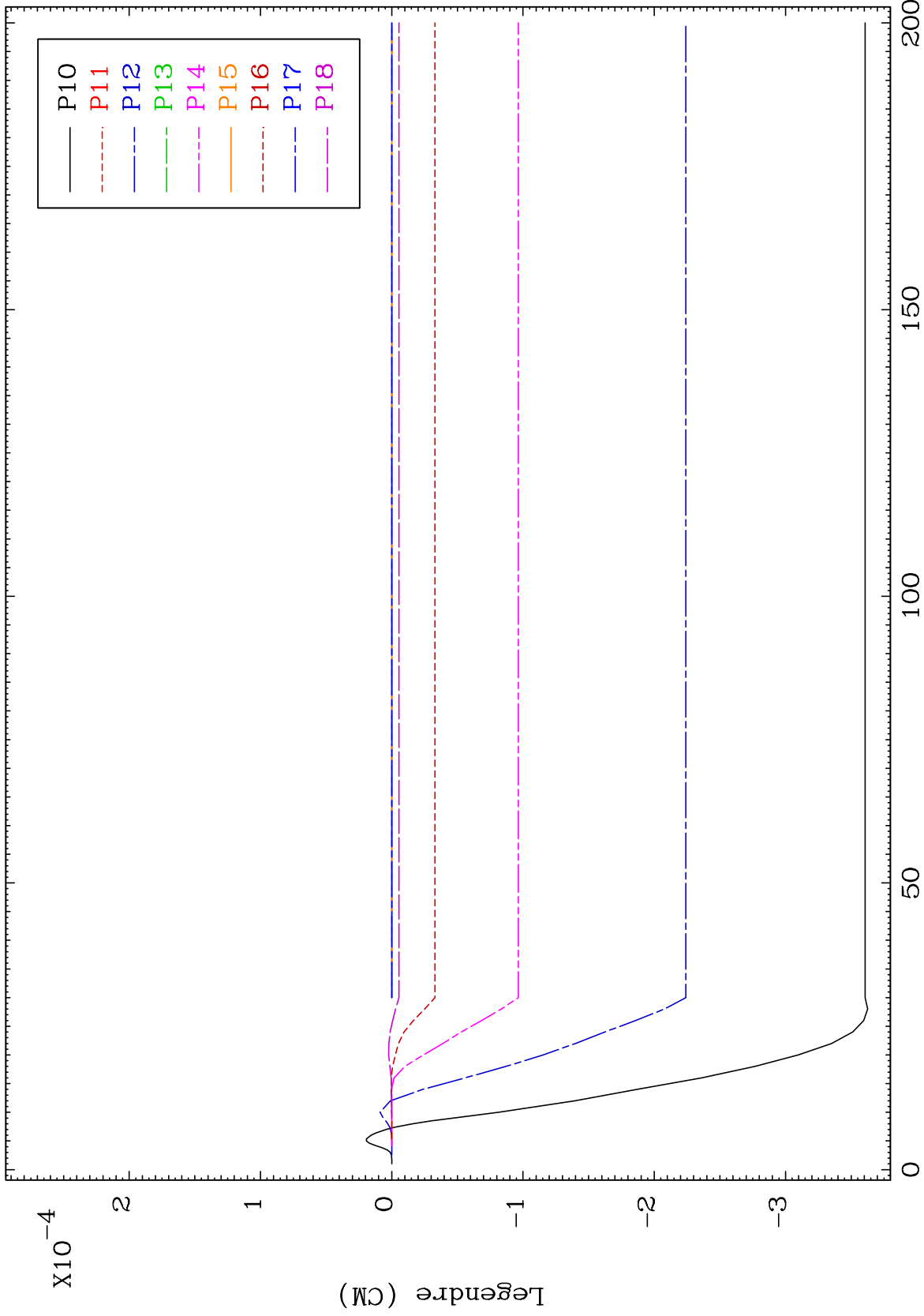




MAT 7710

246.5 keV (n,n') Level
Legendre Coefficients

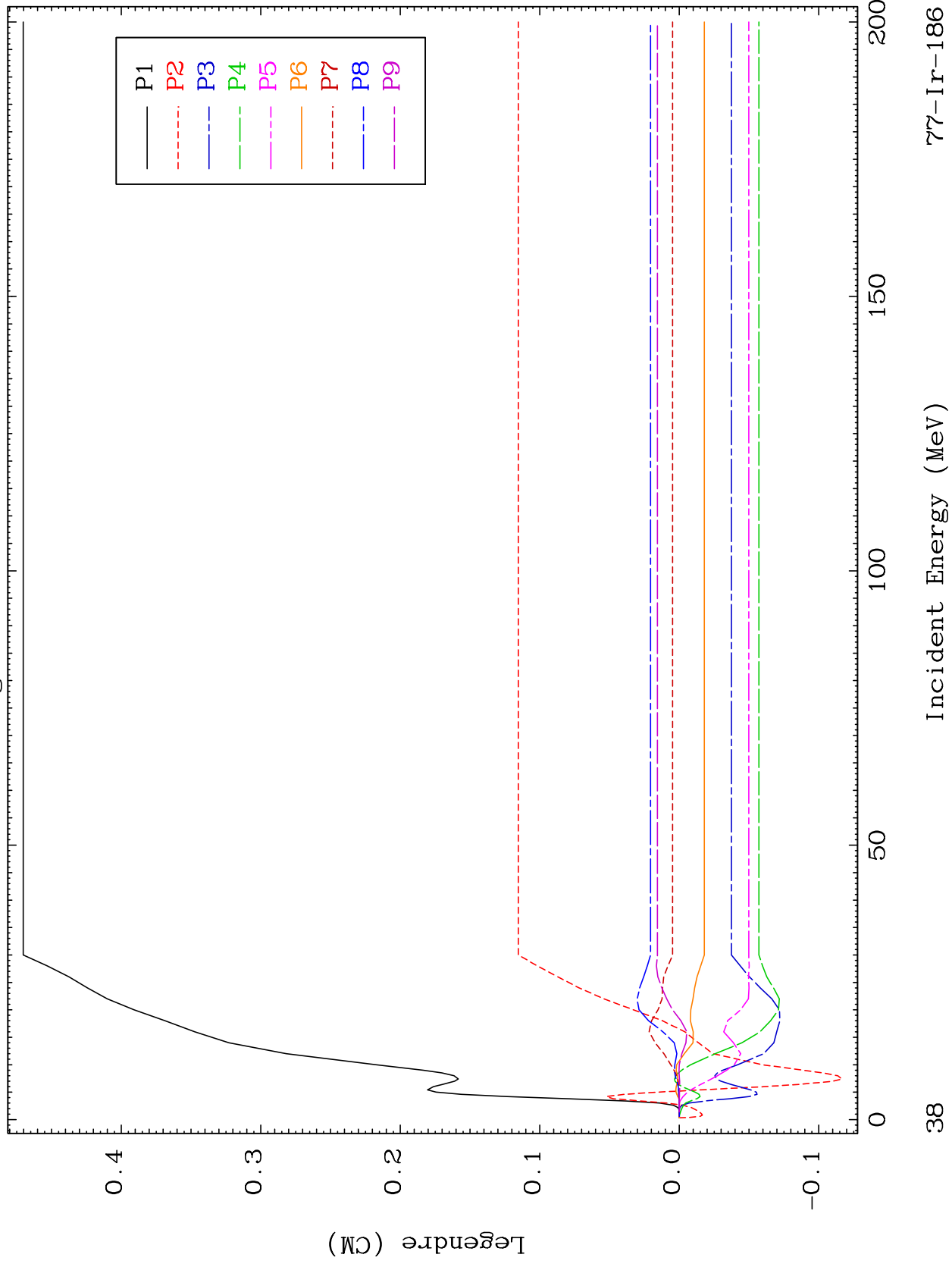
77-Ir-186



36

Incident Energy (MeV)

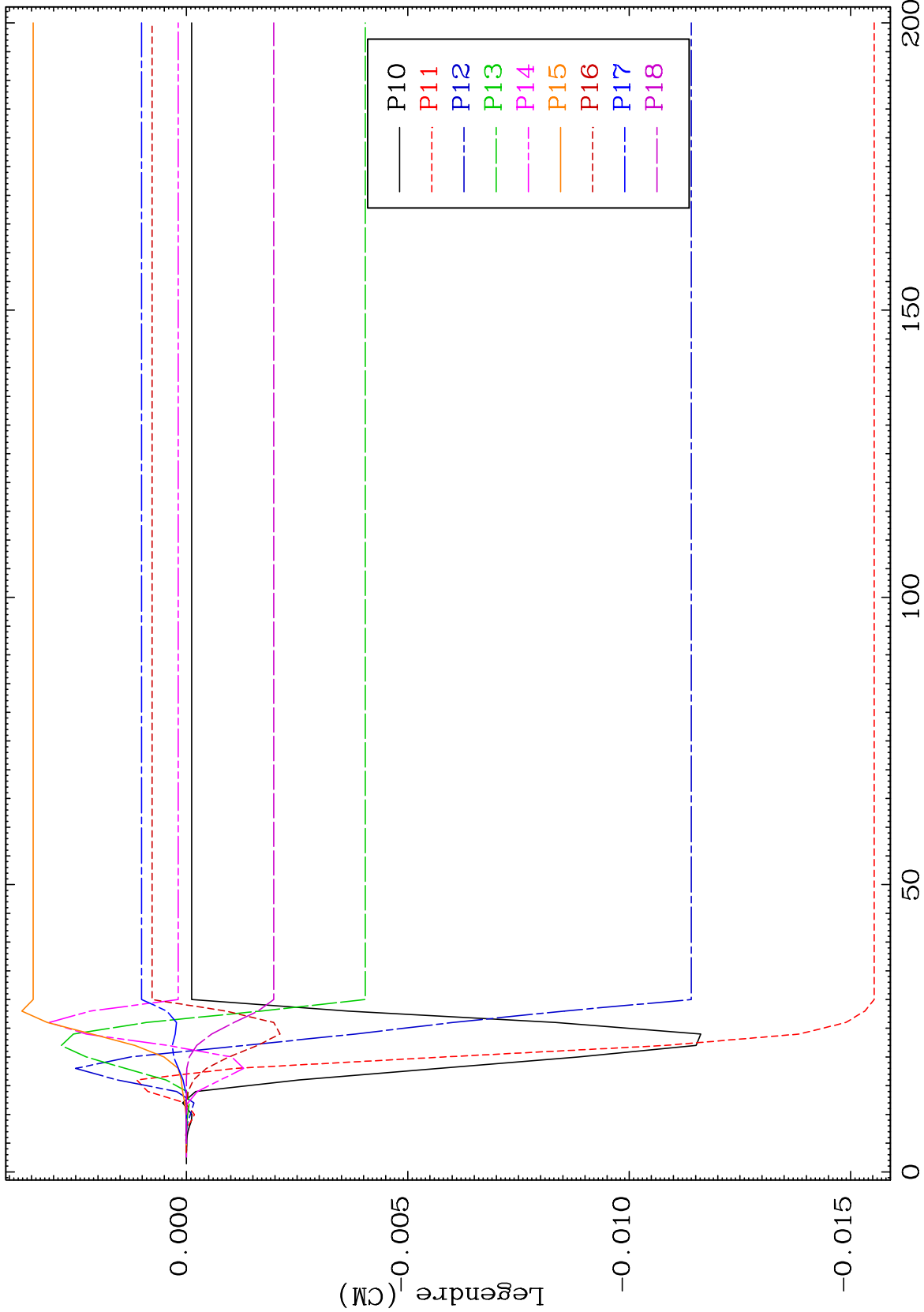
77-Ir-186



MAT 7710

312.7 keV (n,n') Level
Legendre Coefficients

77-Ir-186



39

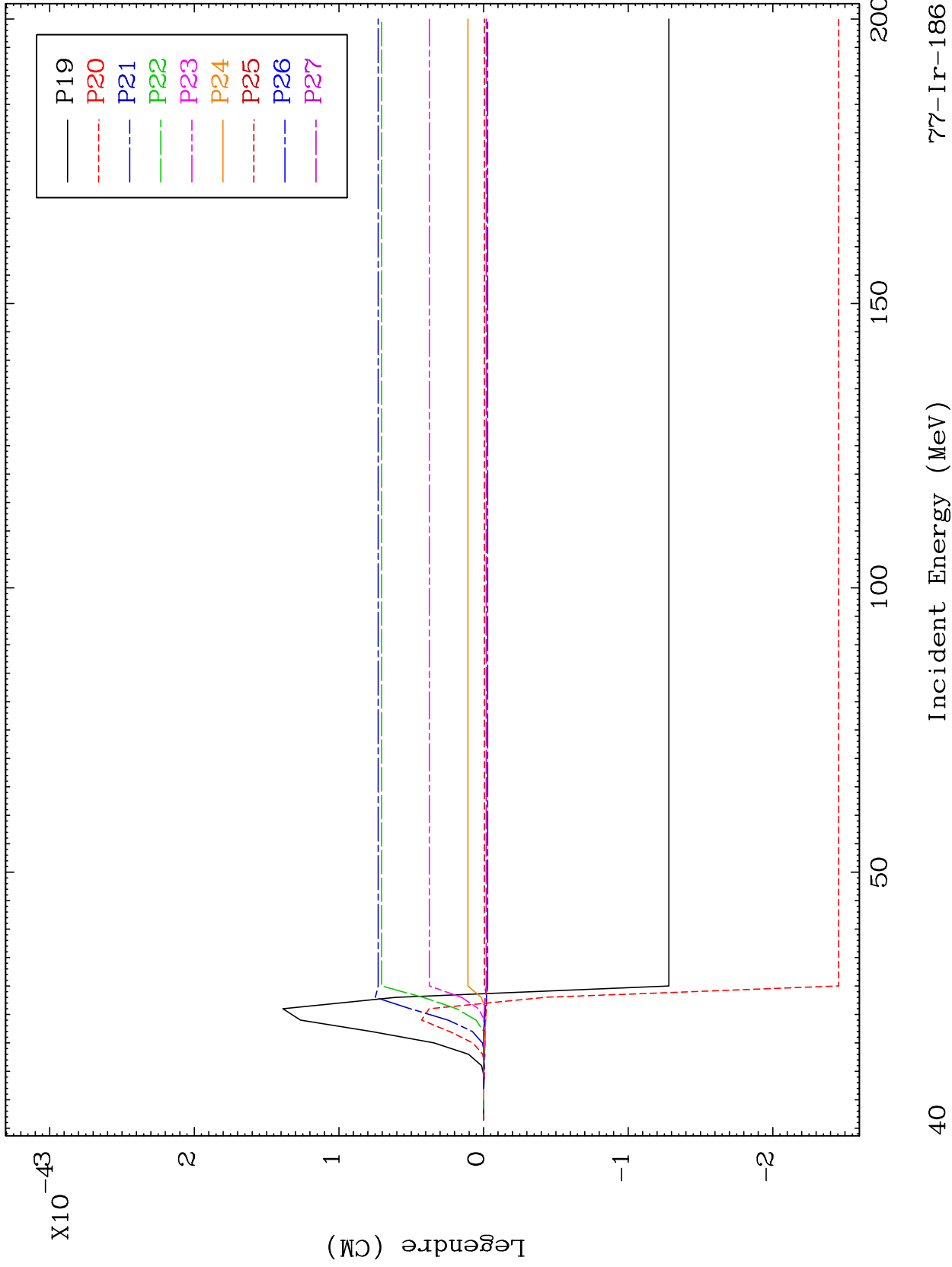
Incident Energy (MeV)

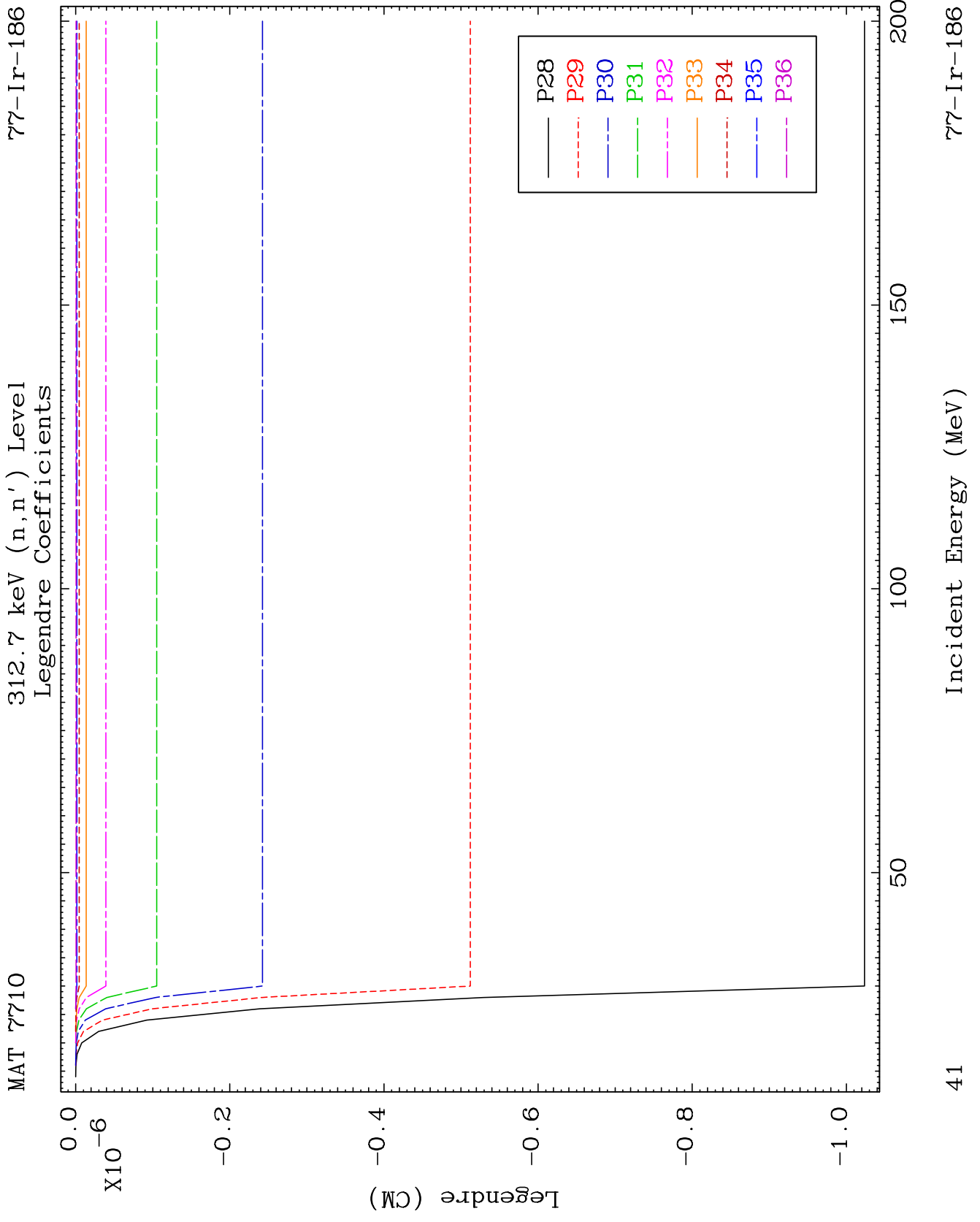
77-Ir-186

MAT 7710

312.7 keV (n,n') Level
Legendre Coefficients

77-Ir-186

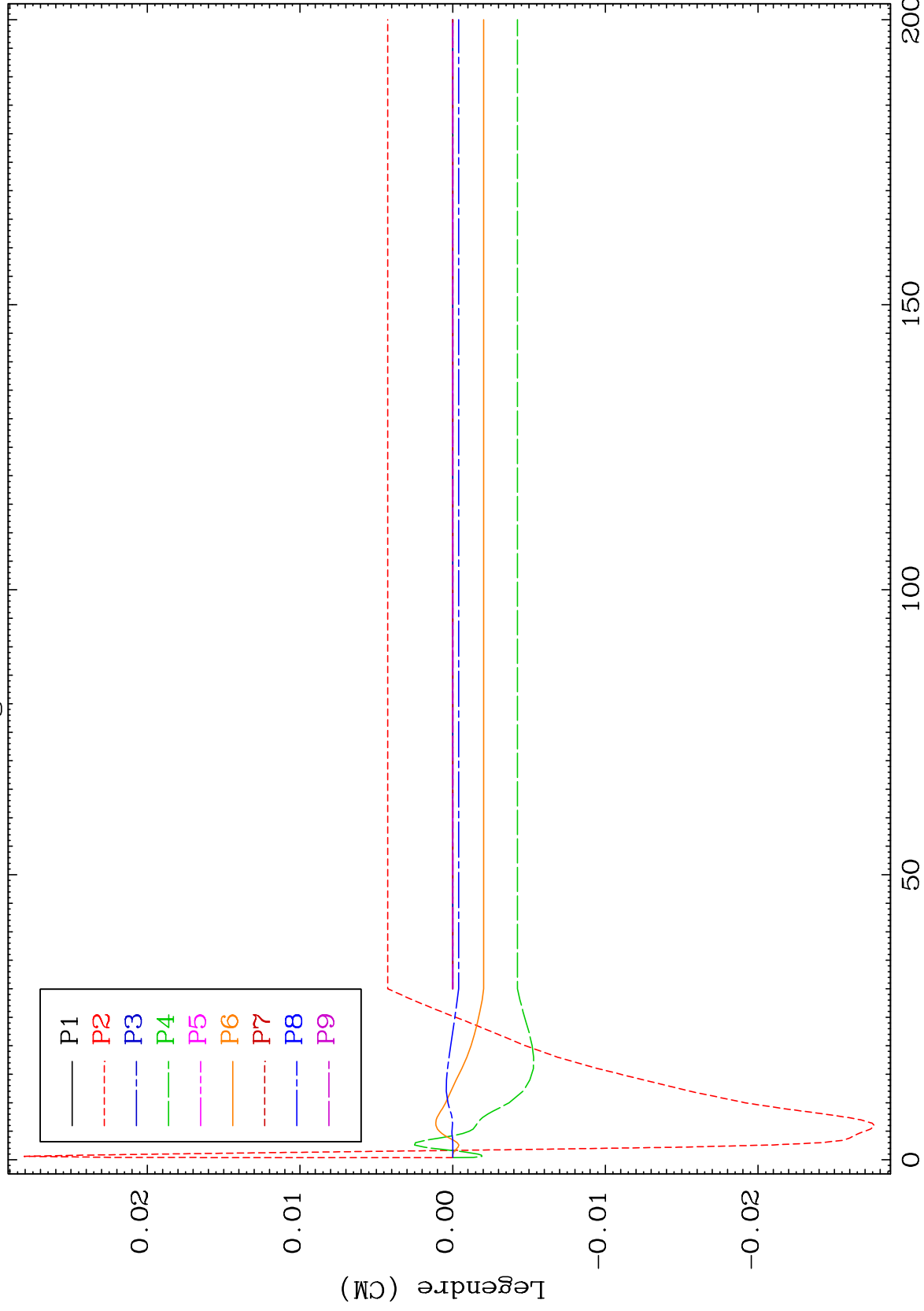




MAT 7710

359.2 keV (n,n') Level
Legendre Coefficients

77-Ir-186



77-Ir-186

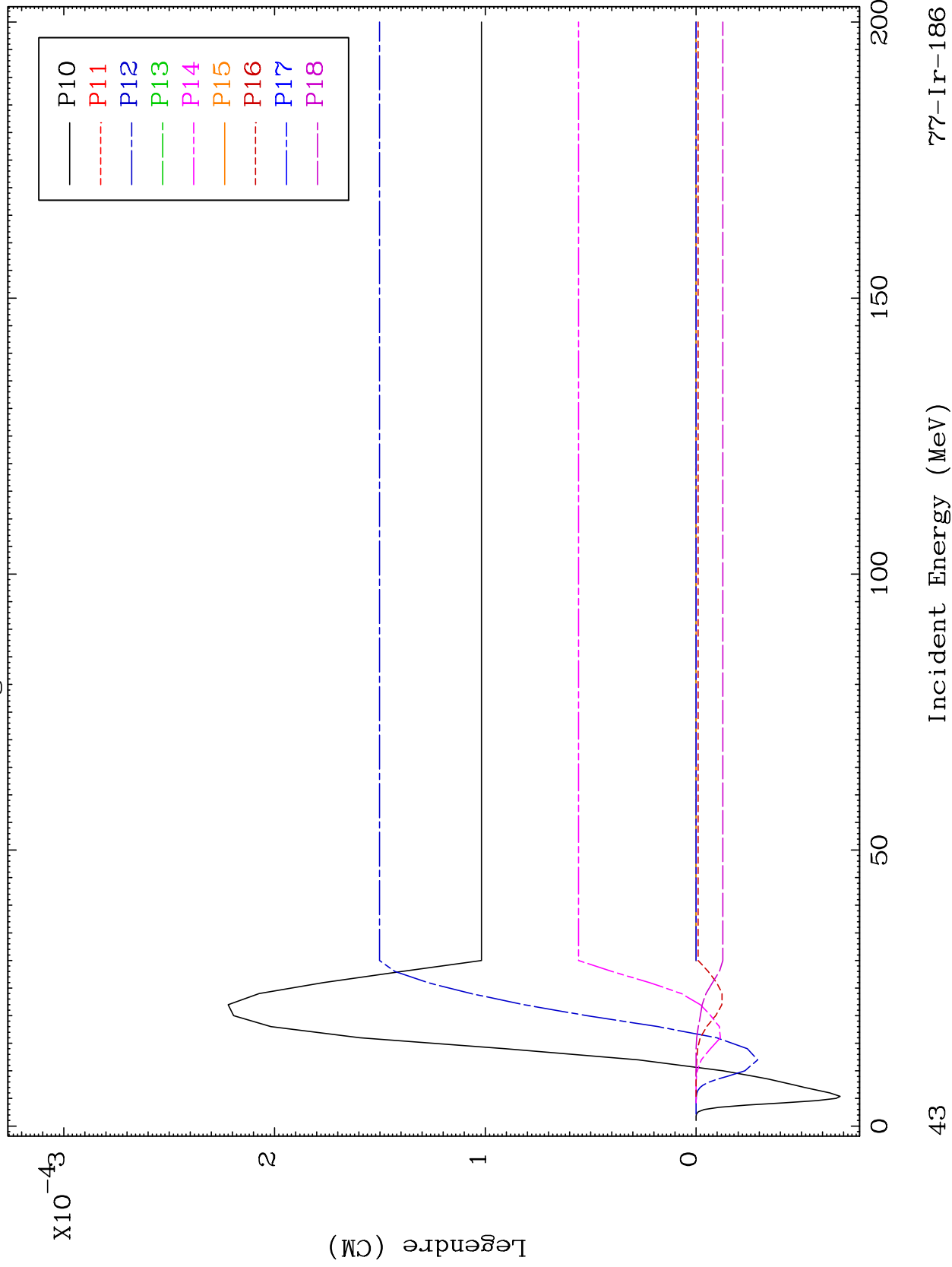
Incident Energy (MeV)

42

MAT 7710

359.2 keV (n,n') Level
Legendre Coefficients

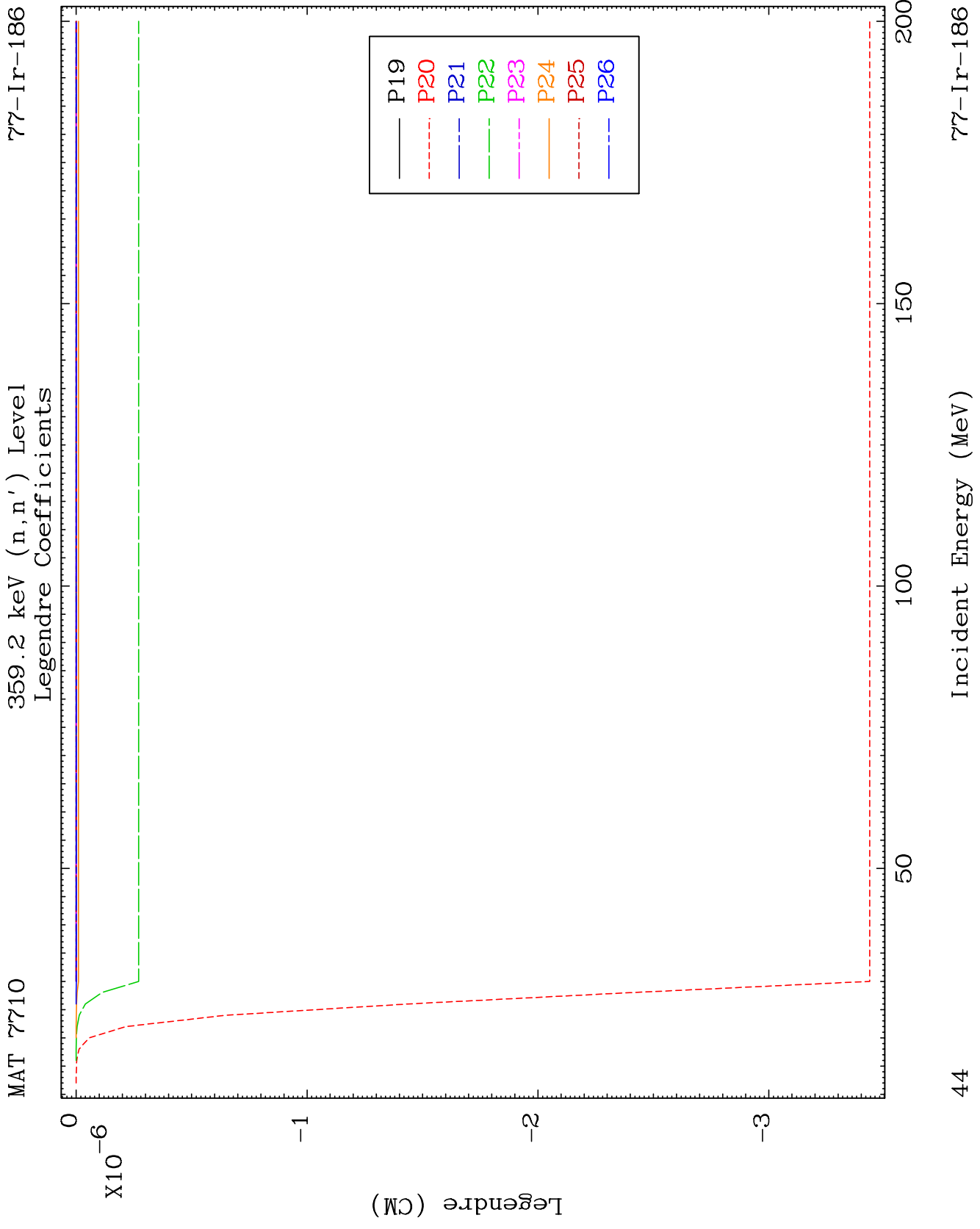
77-Ir-186



77-Ir-186

Incident Energy (MeV)

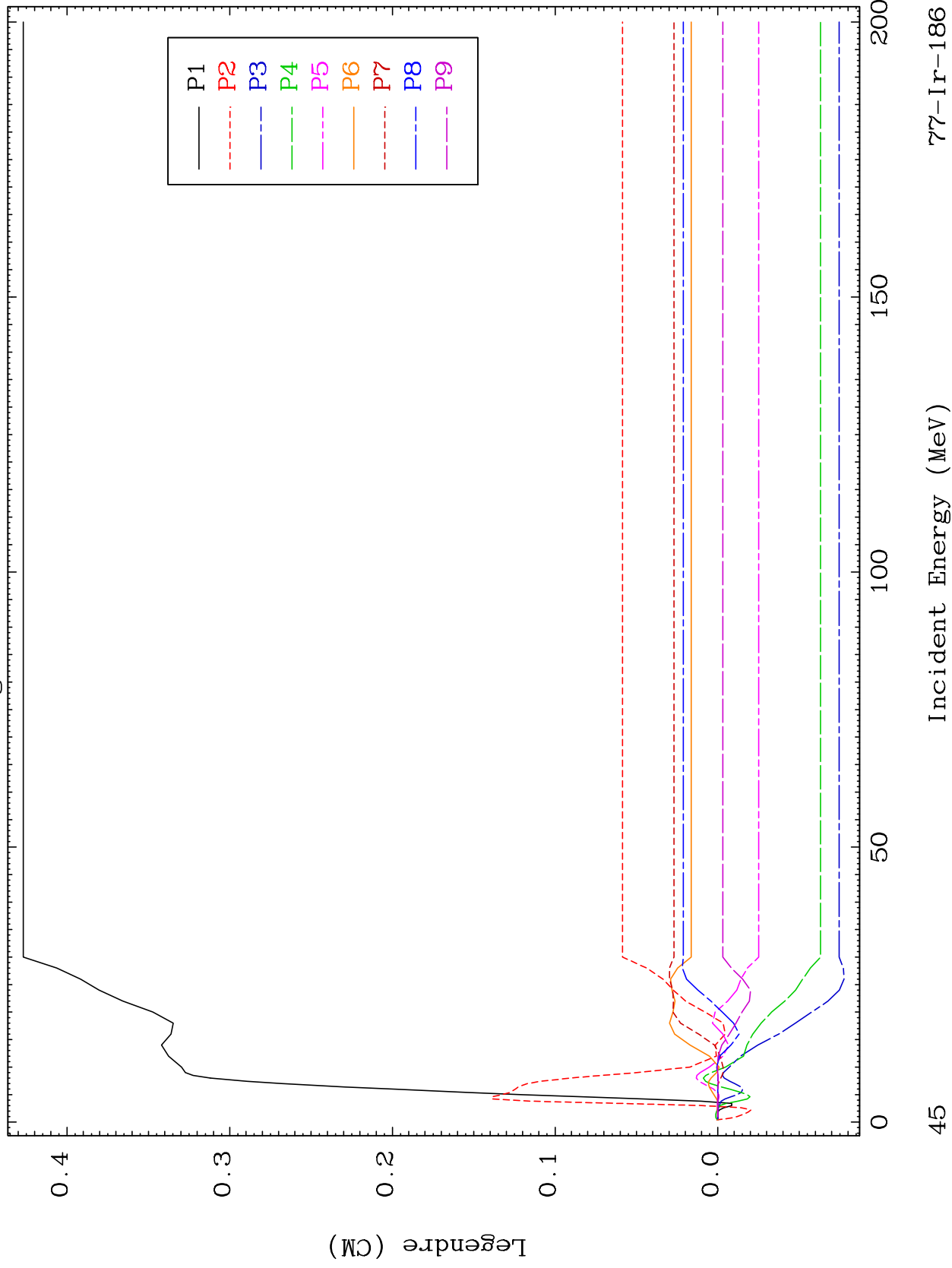
43



MAT 7710

363.4 keV (n,n') Level
Legendre Coefficients

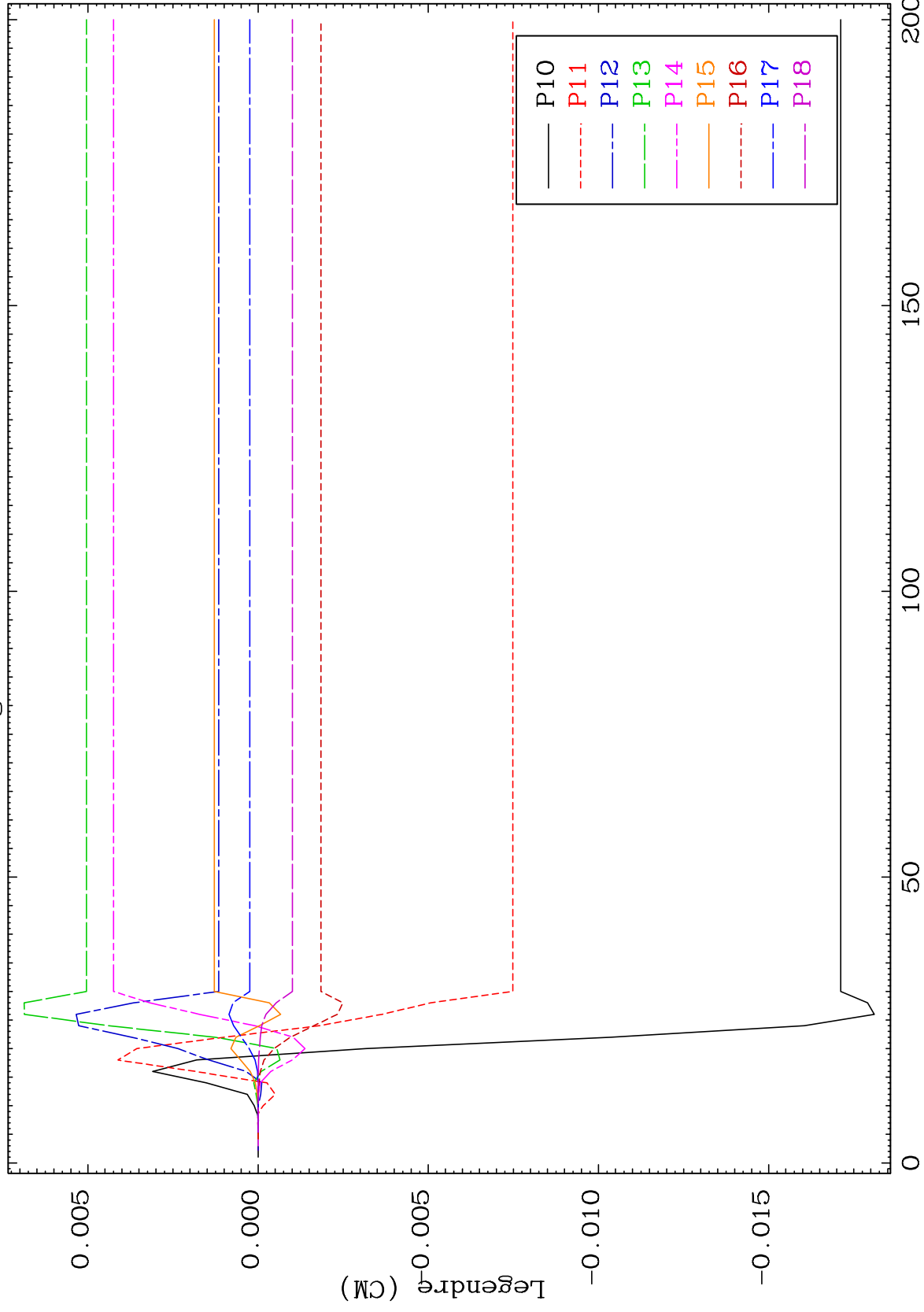
77-Ir-186



77-Ir-186

Incident Energy (MeV)

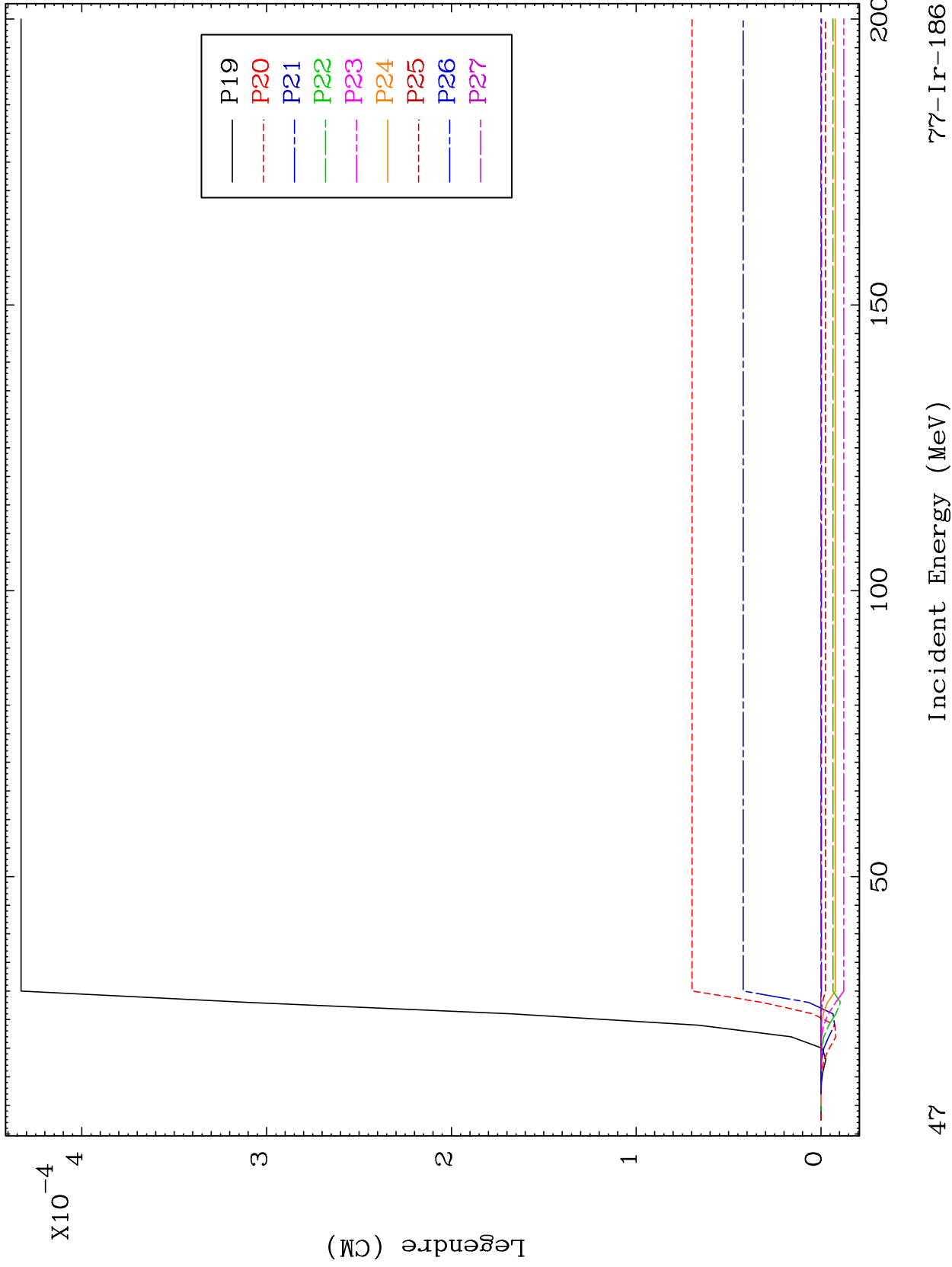
45



MAT 7710

363.4 keV (n,n') Level
Legendre Coefficients

77-Ir-186



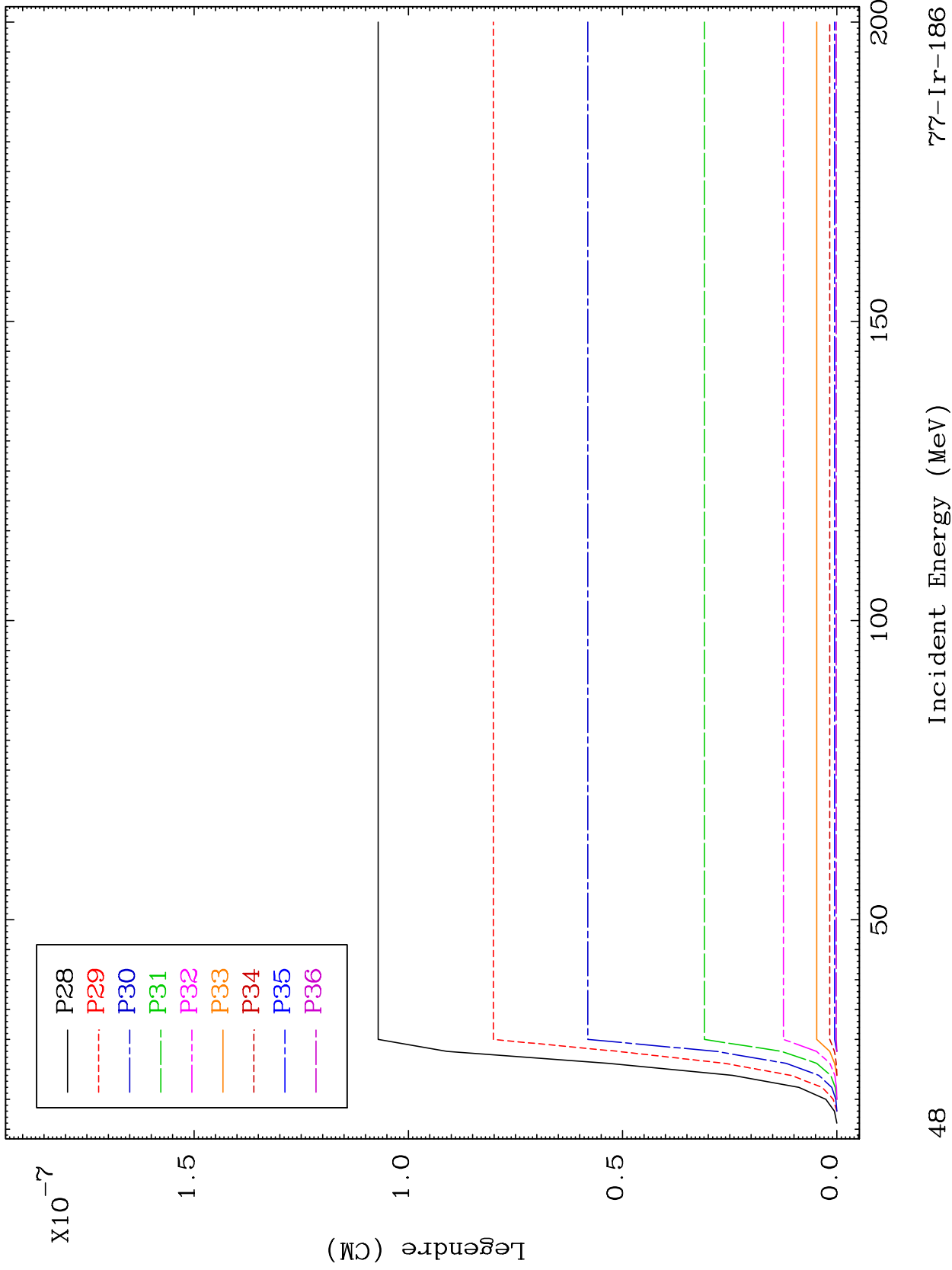
47

77-Ir-186

MAT 7710

363.4 keV (n,n') Level
Legendre Coefficients

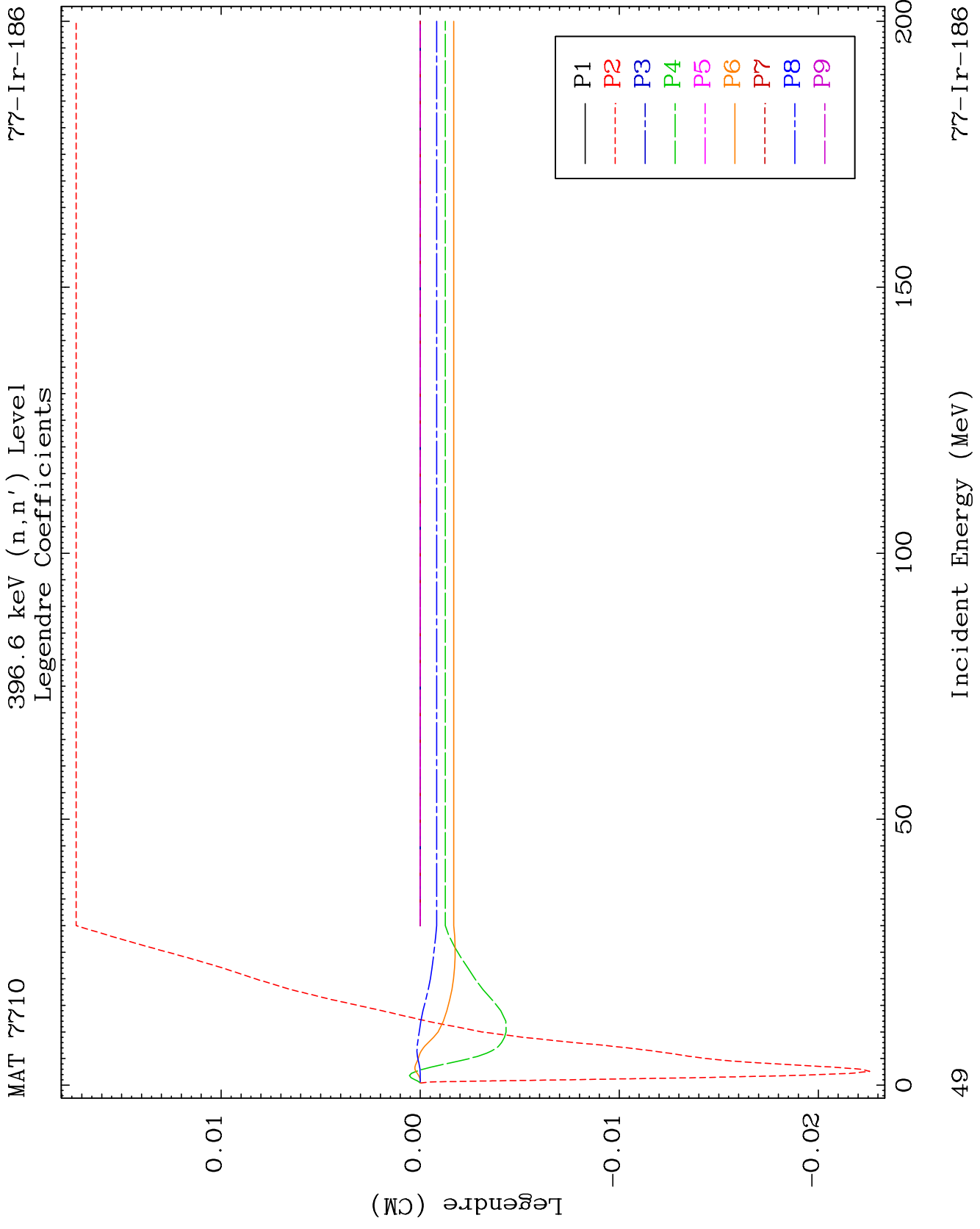
77-Ir-186



77-Ir-186

Incident Energy (MeV)

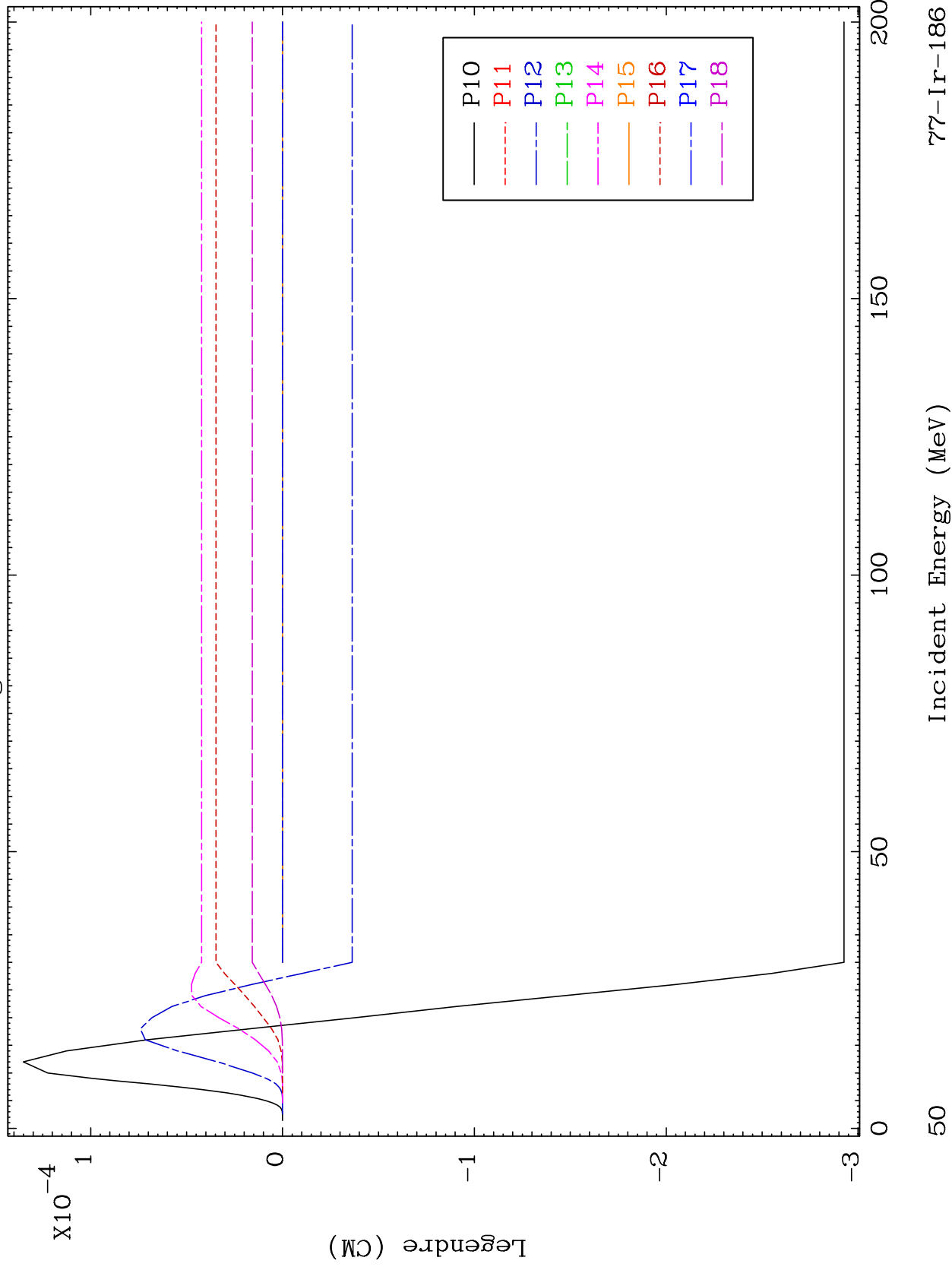
48



MAT 7710

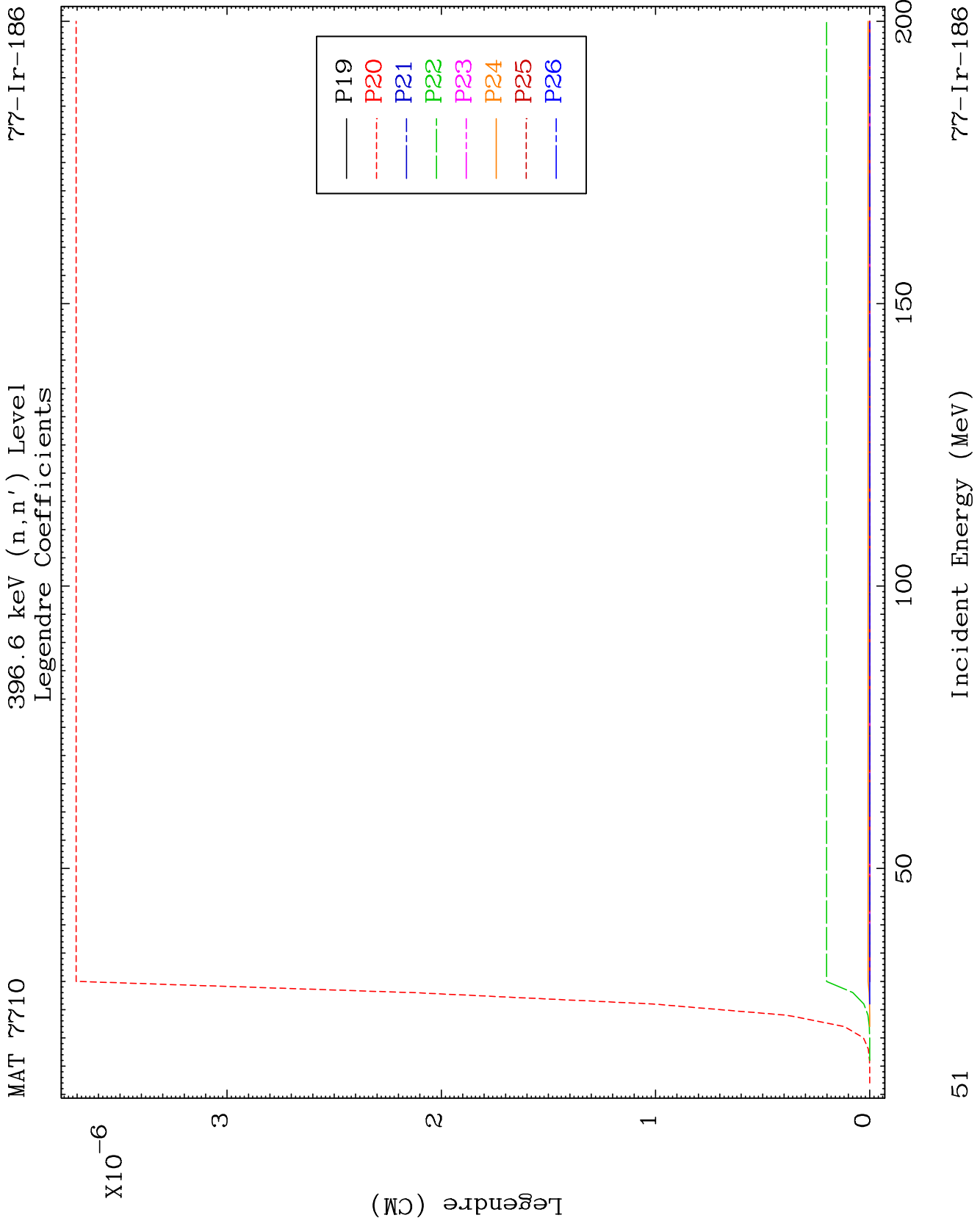
396.6 keV (n,n') Level
Legendre Coefficients

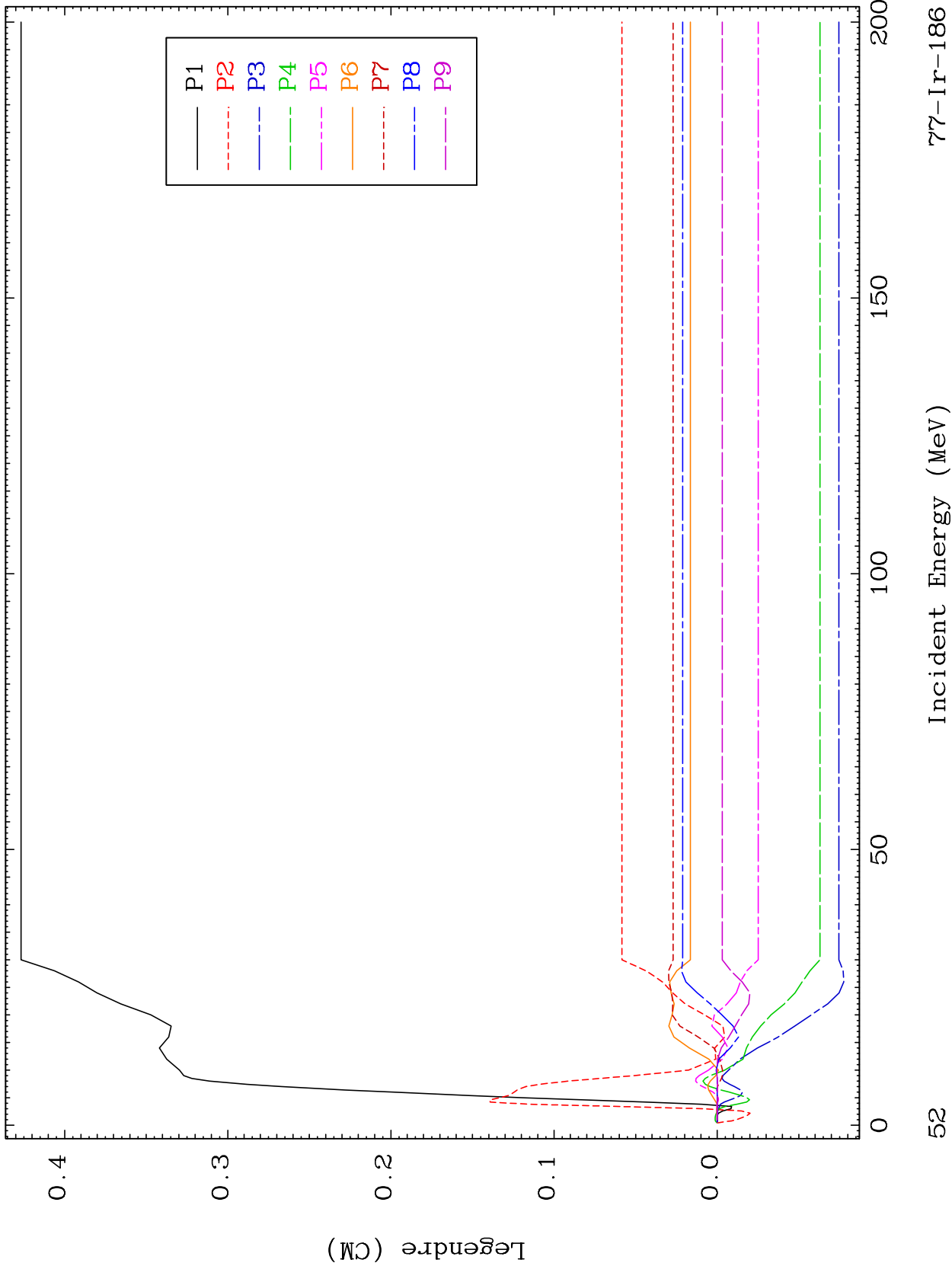
77-Ir-186

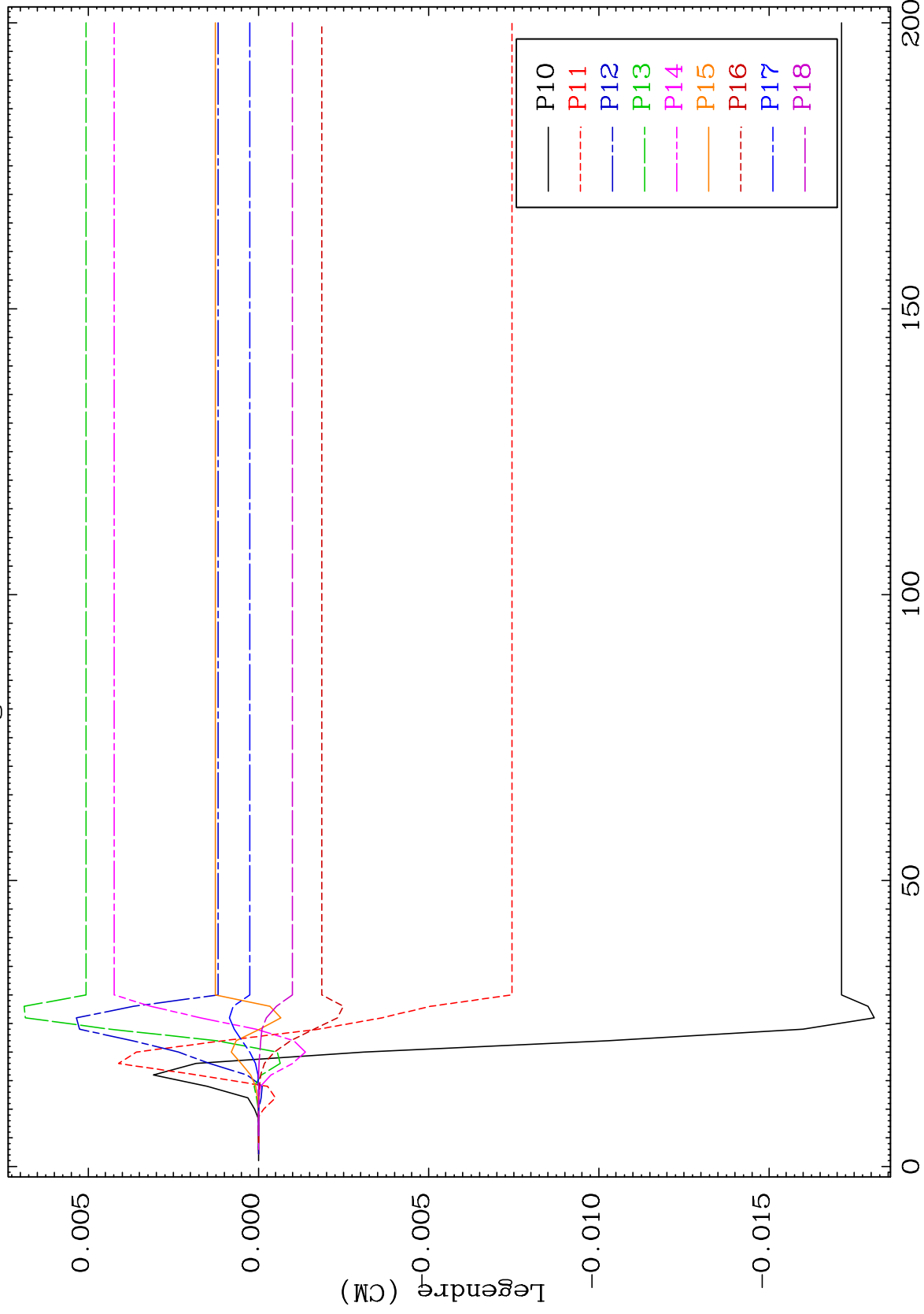


77-Ir-186

Incident Energy (MeV)



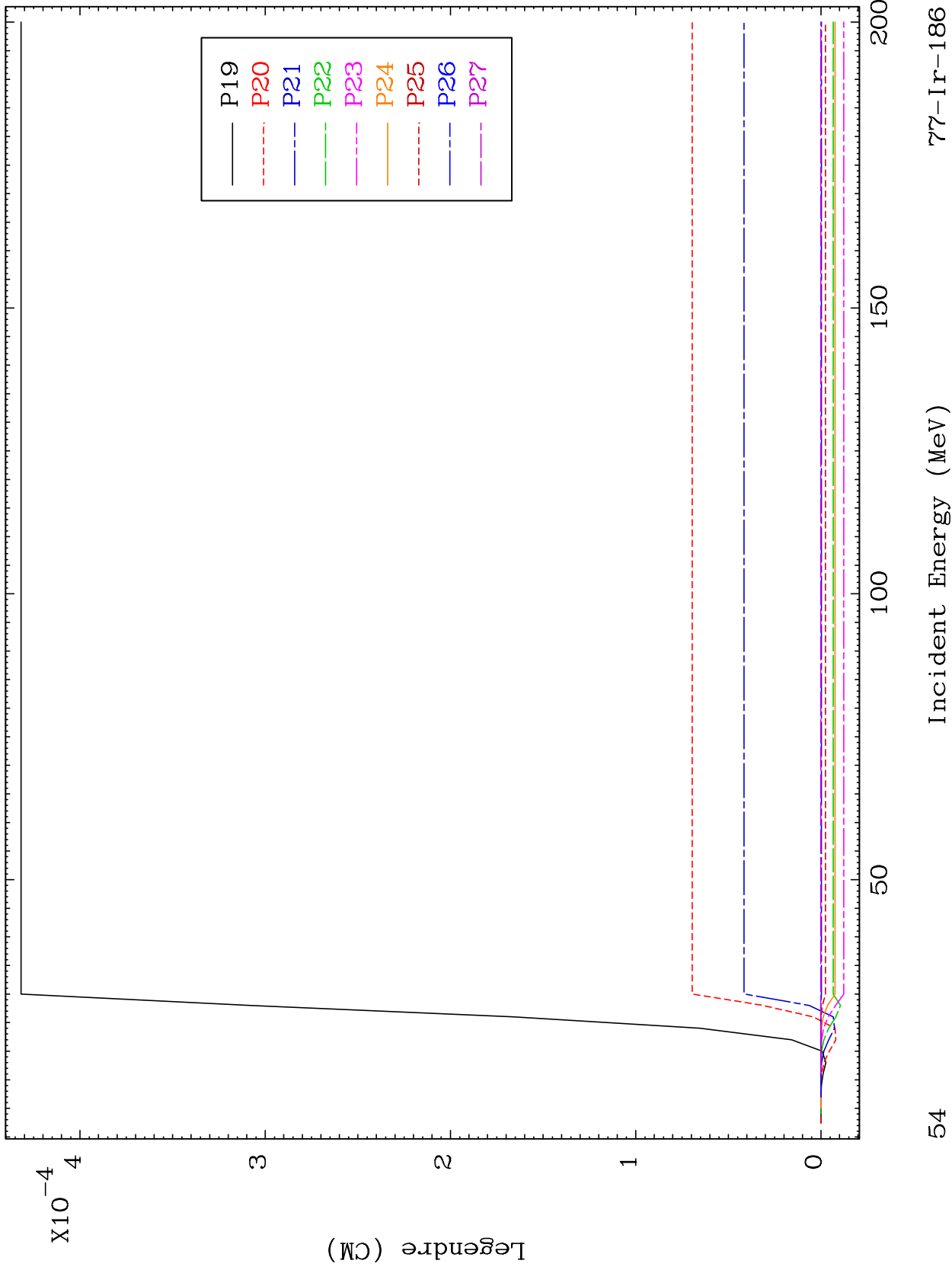




MAT 7710

402.9 keV (n,n') Level
Legendre Coefficients

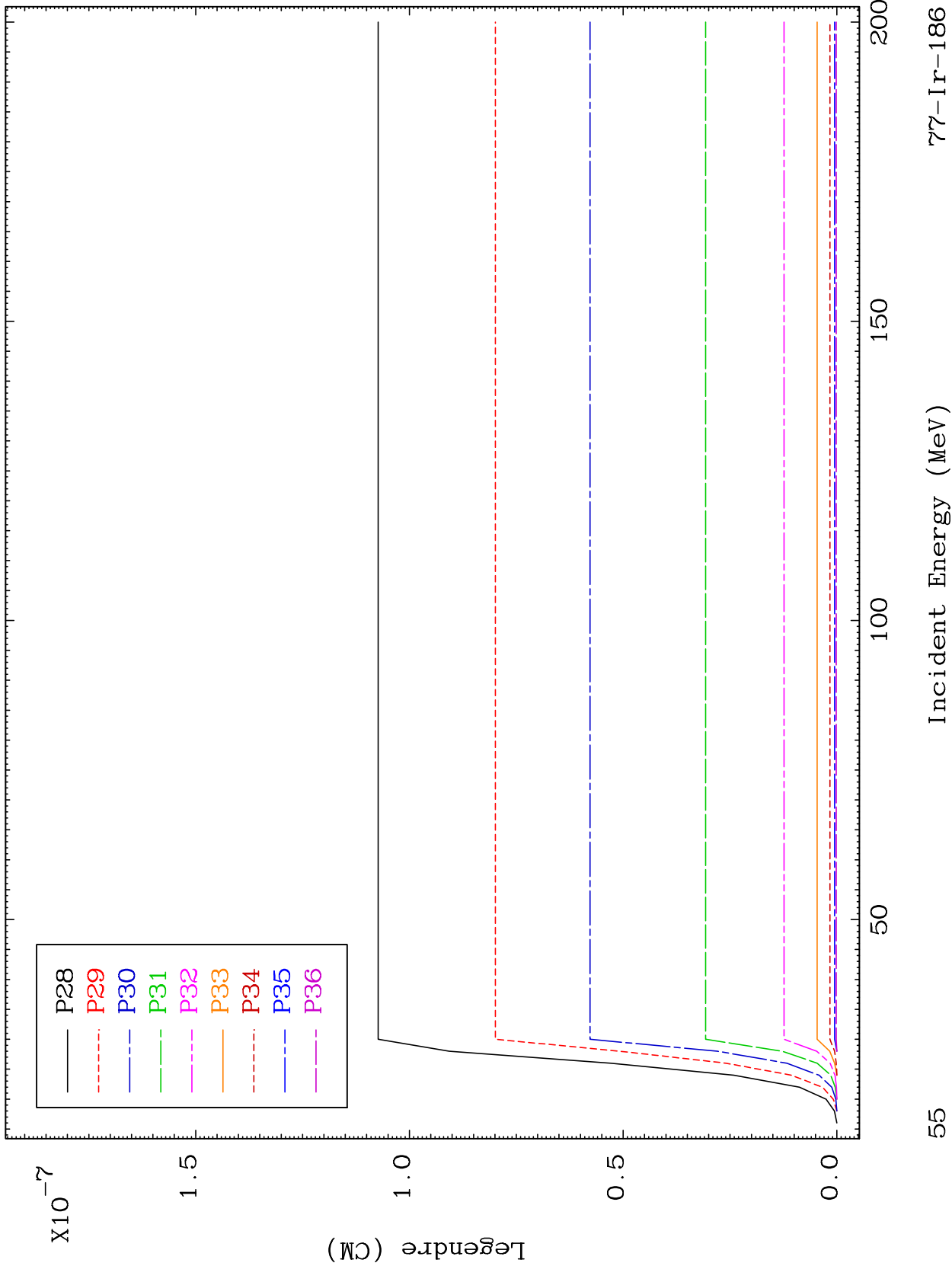
77-Ir-186



54

Incident Energy (MeV)

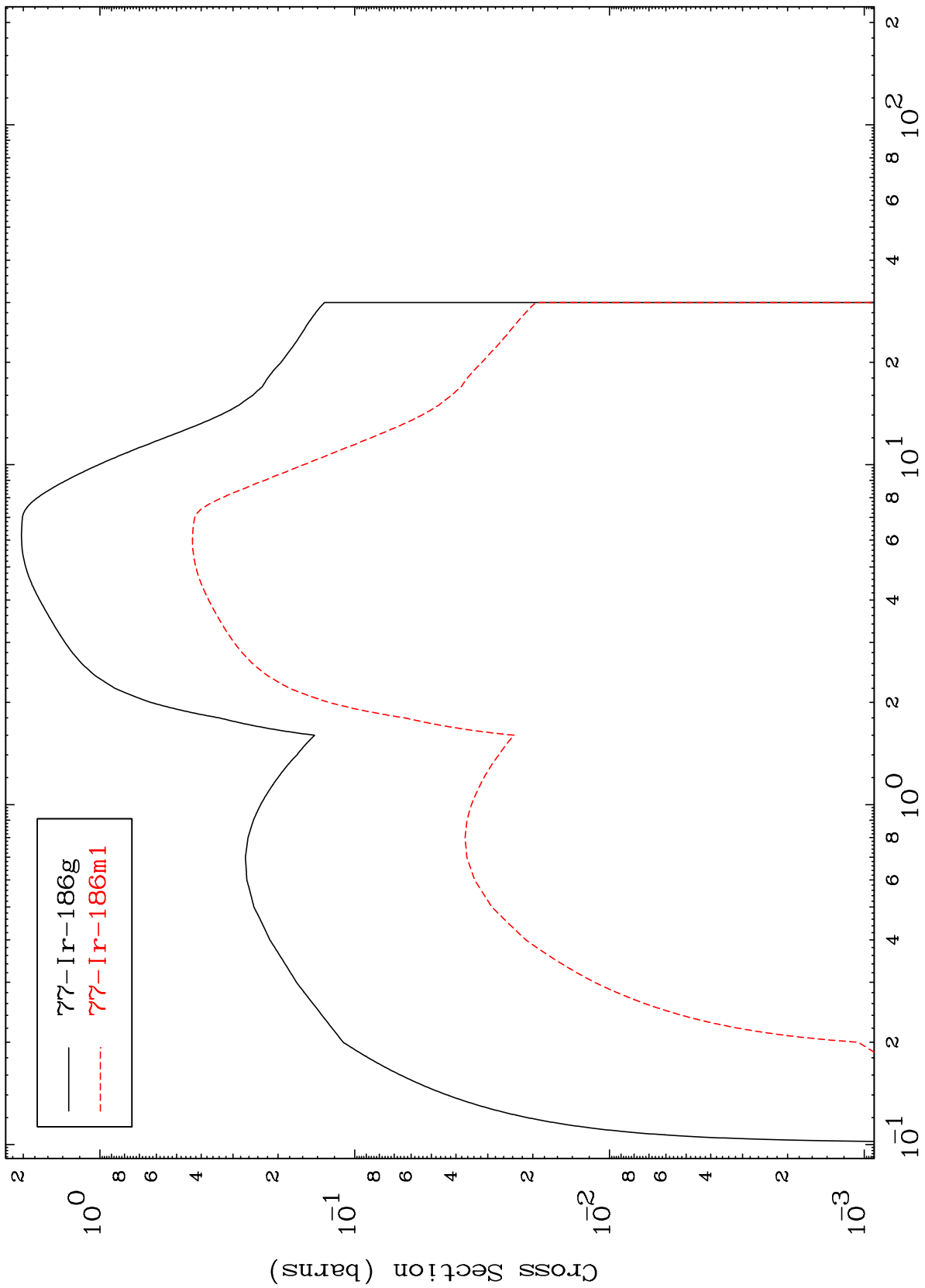
77-Ir-186



MAT 7710

77-Ir-186

Radionuclide Production Cross Section

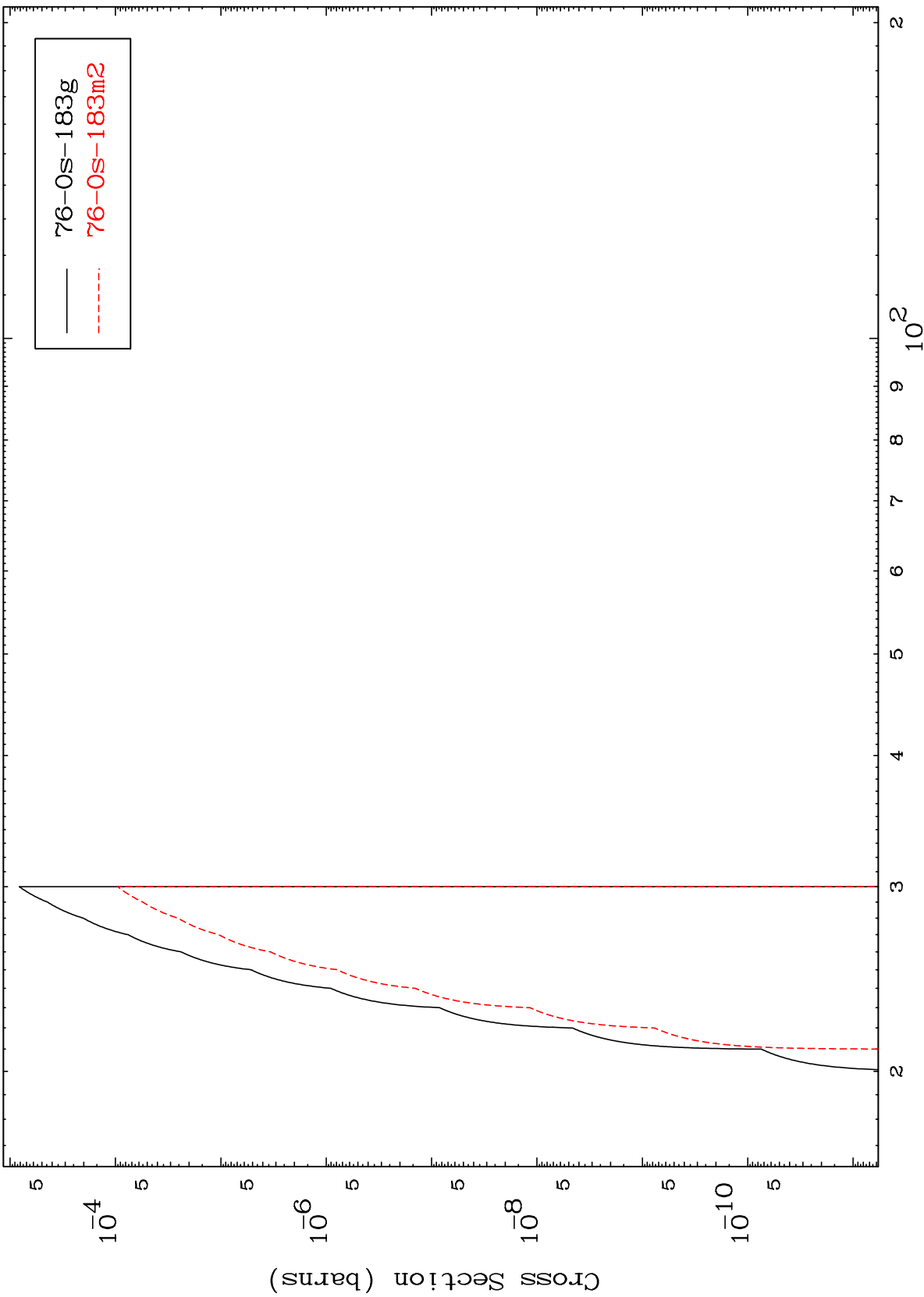


Incident Energy (MeV)

77-Ir-186

56

Radionuclide Production Cross Section

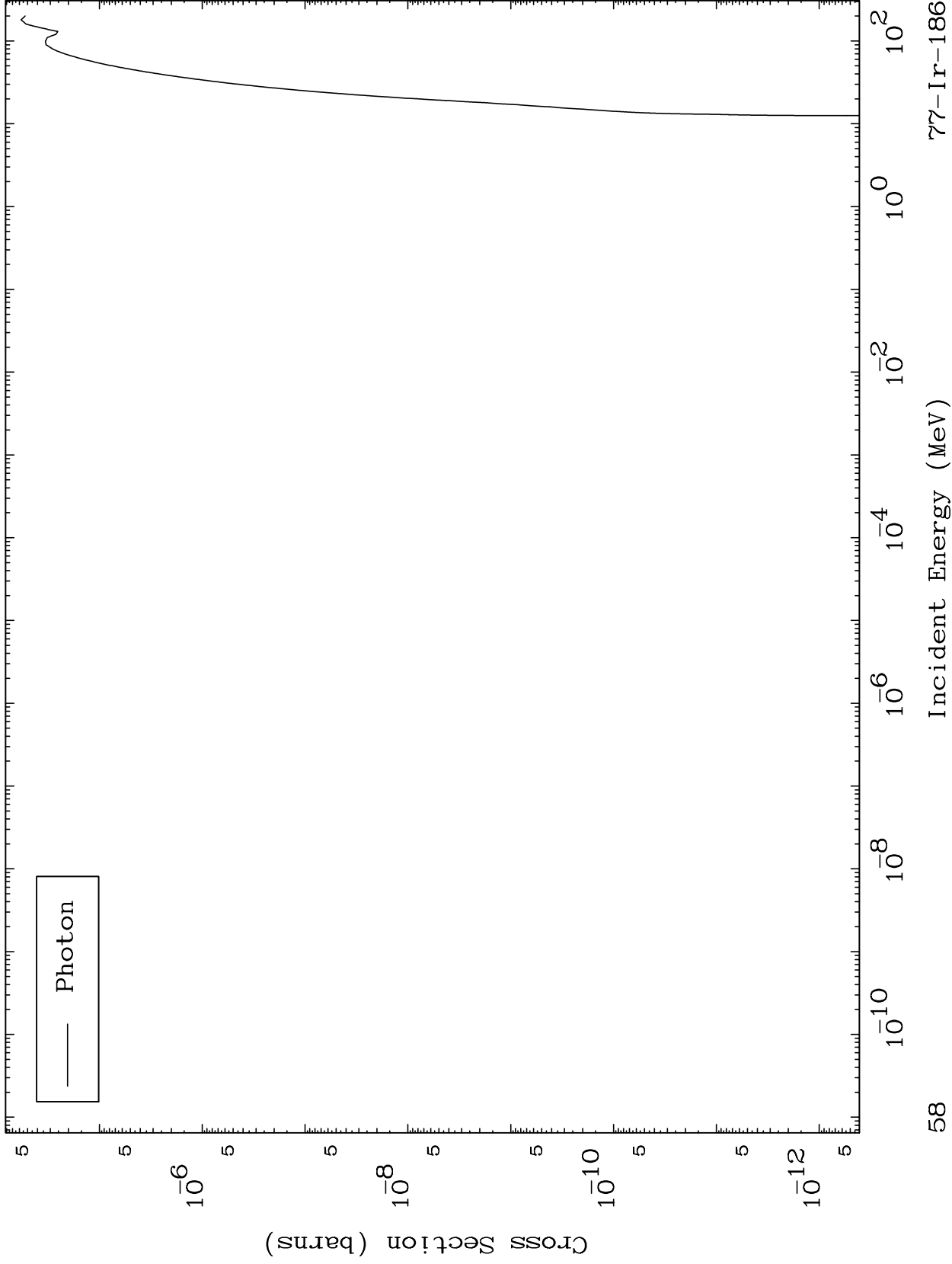


MAT 7710

Fission

77-Ir-186

Radionuclide Production Cross Section



58

Incident Energy (MeV)

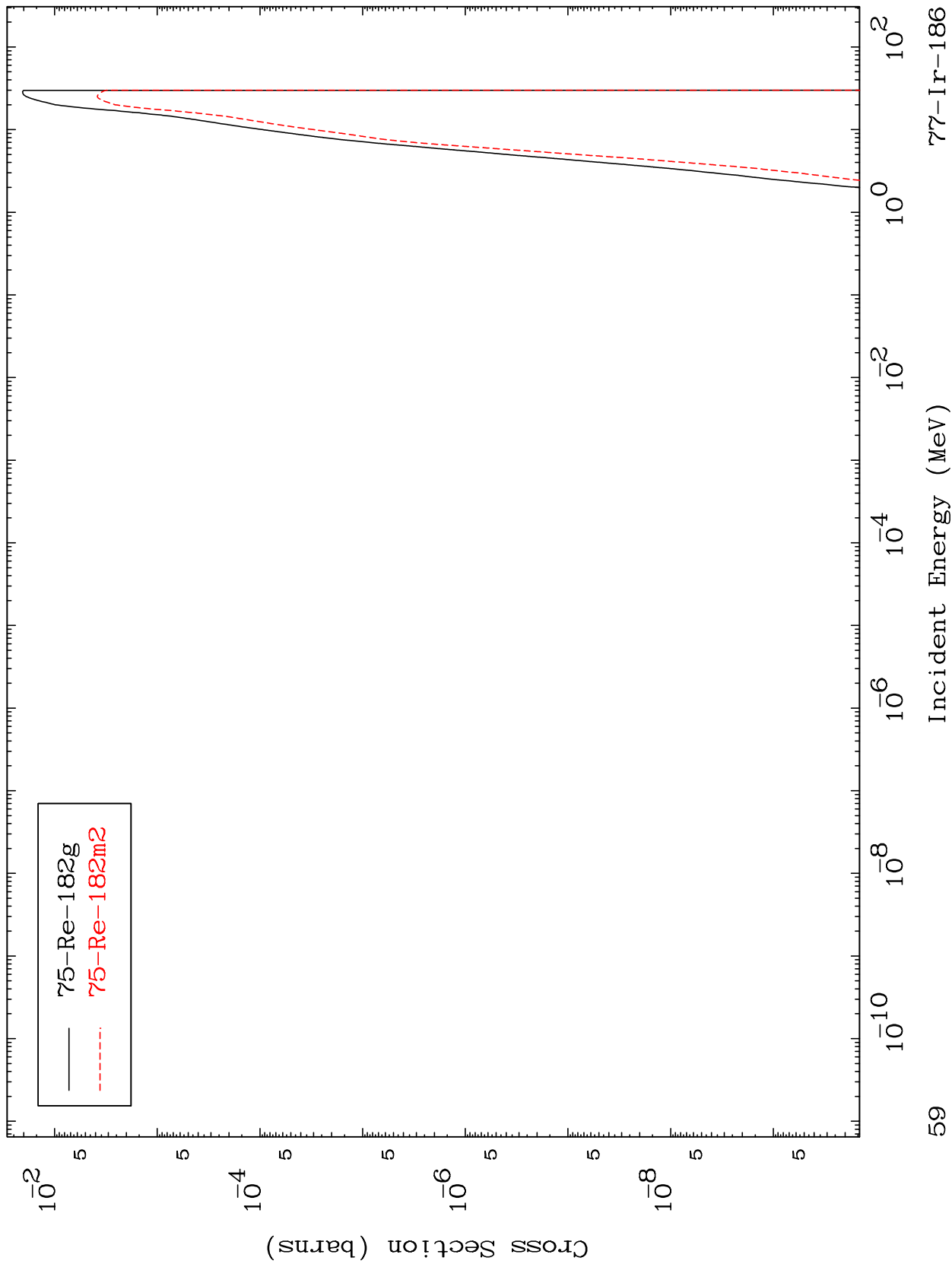
77-Ir-186

MAT 7710

$(n, n') \alpha$

$^{77}\text{Ir-186}$

Radionuclide Production Cross Section



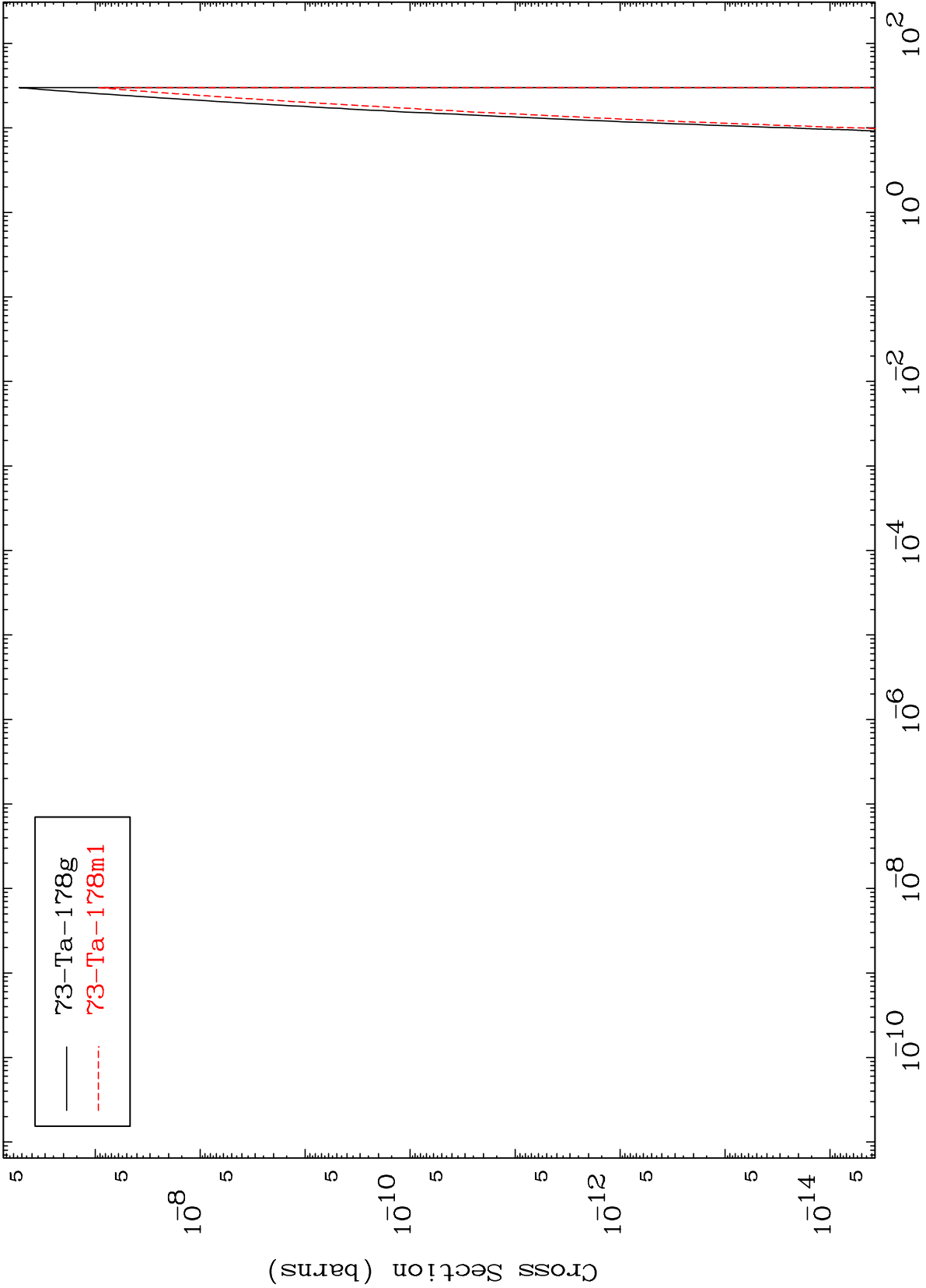
75-Re-182g
75-Re-182m2

MAT 7710

(n,n') 2α

⁷⁷Ir-186

Radionuclide Production Cross Section



— ⁷³Ta-178g
- - - ⁷³Ta-178m1

60

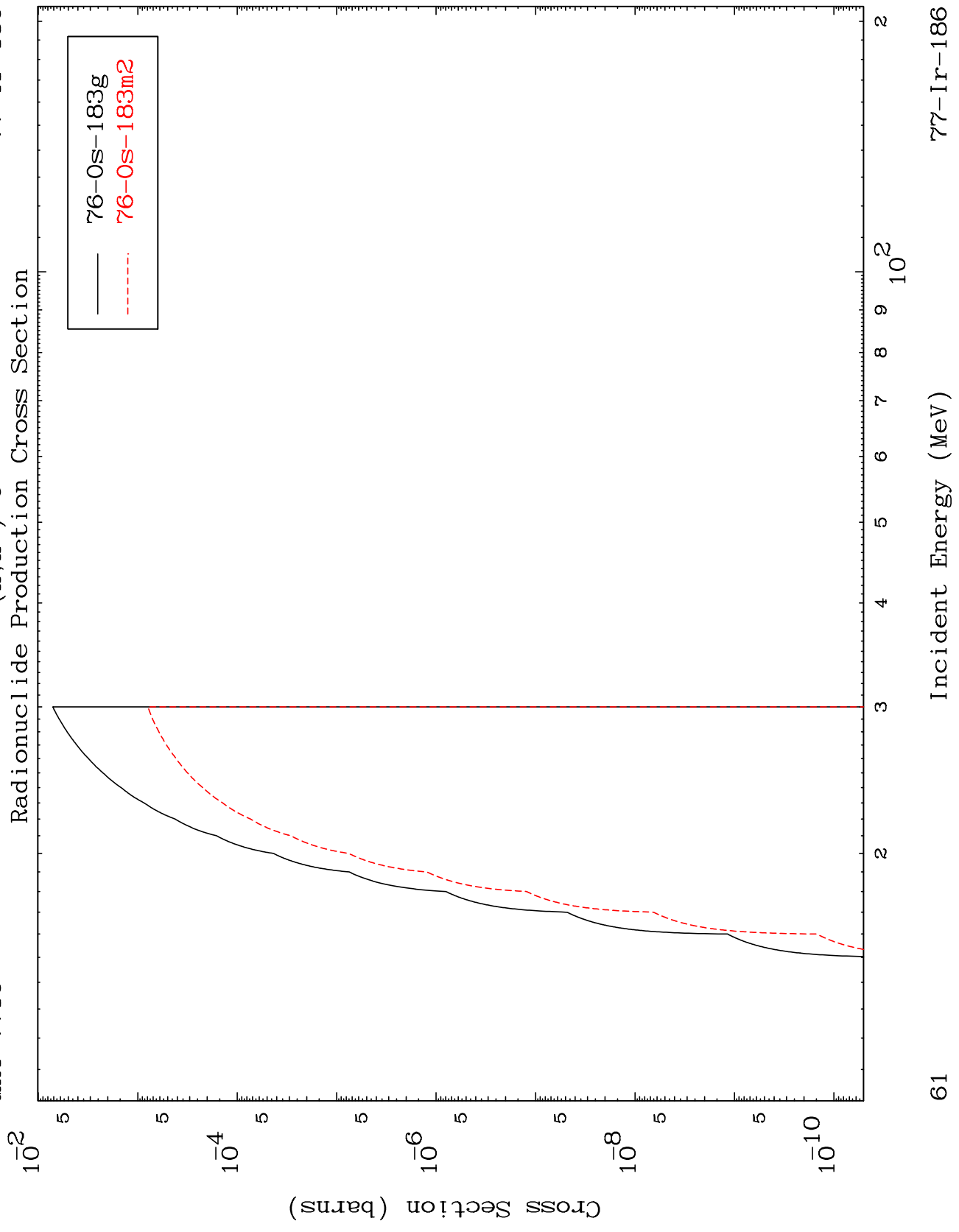
Incident Energy (MeV)

⁷⁷Ir-186

MAT 7710

(n,n') t

77-Ir-186



61

Incident Energy (MeV)

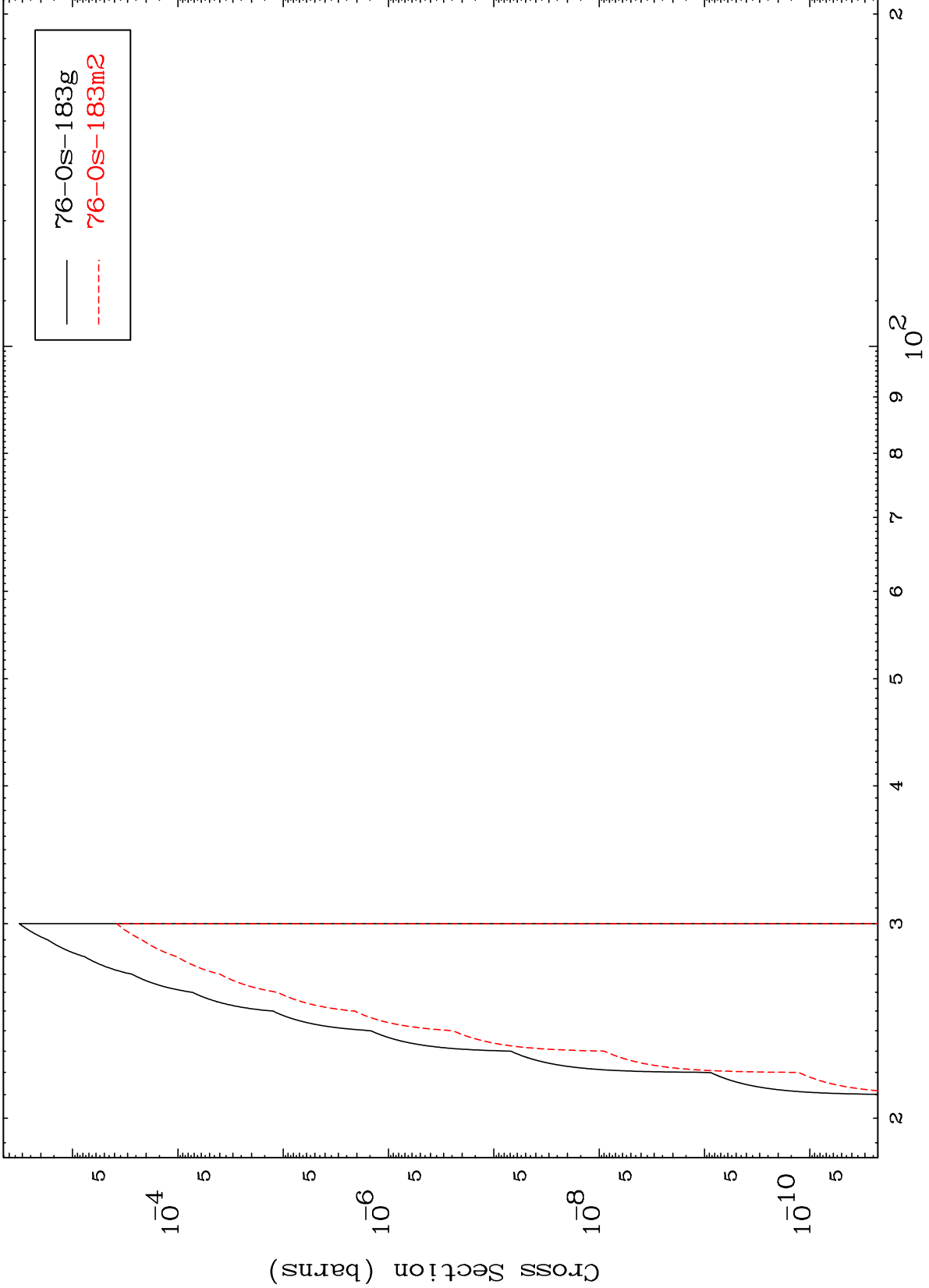
77-Ir-186

MAT 7710

(n,3n) p

77-Ir-186

Radionuclide Production Cross Section



76-Os-183g
76-Os-183m2

62

Incident Energy (MeV)

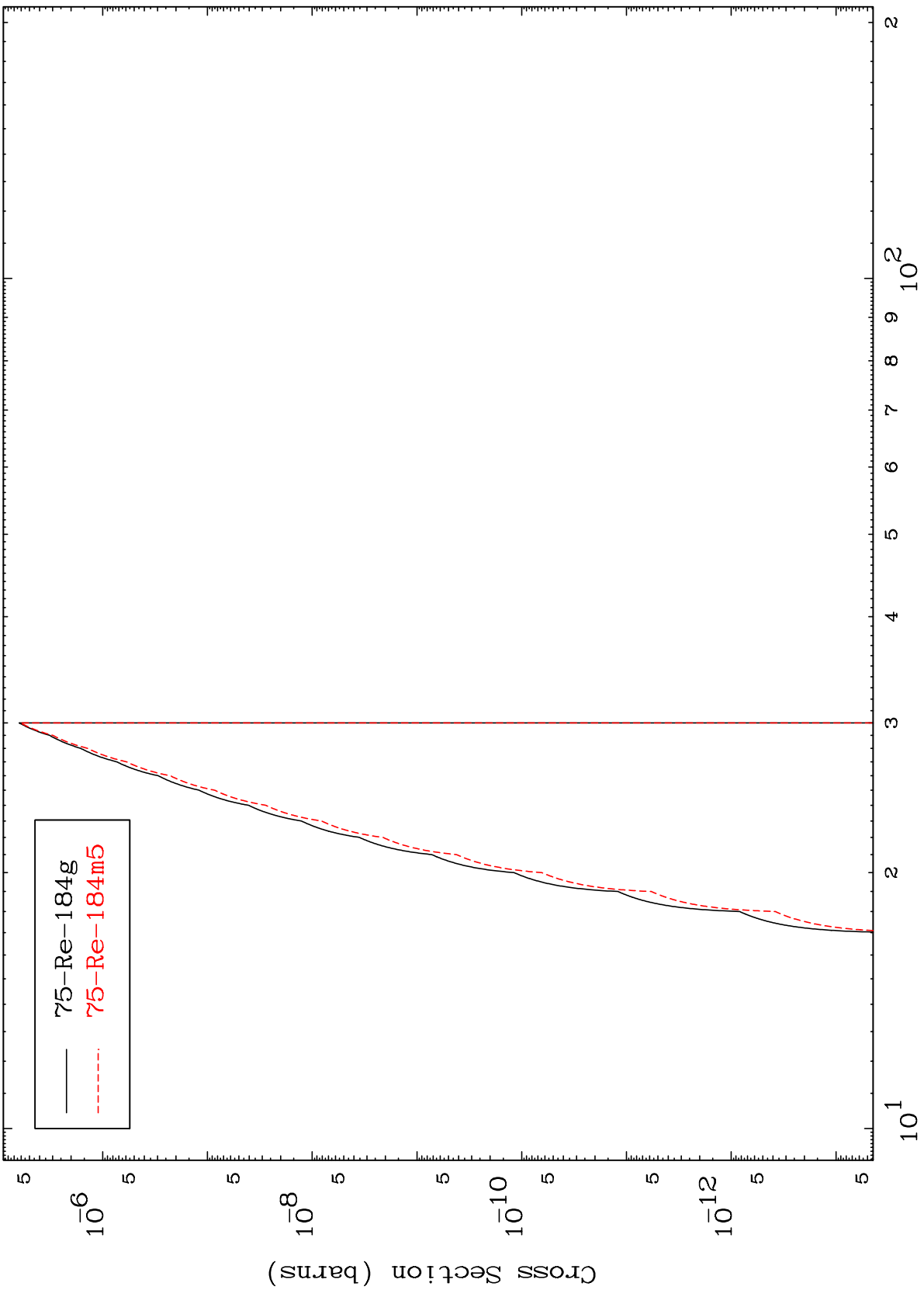
77-Ir-186

MAT 7710

(n,2n) p

77-Ir-186

Radionuclide Production Cross Section



75-Re-184g
75-Re-184m5

Incident Energy (MeV)

77-Ir-186

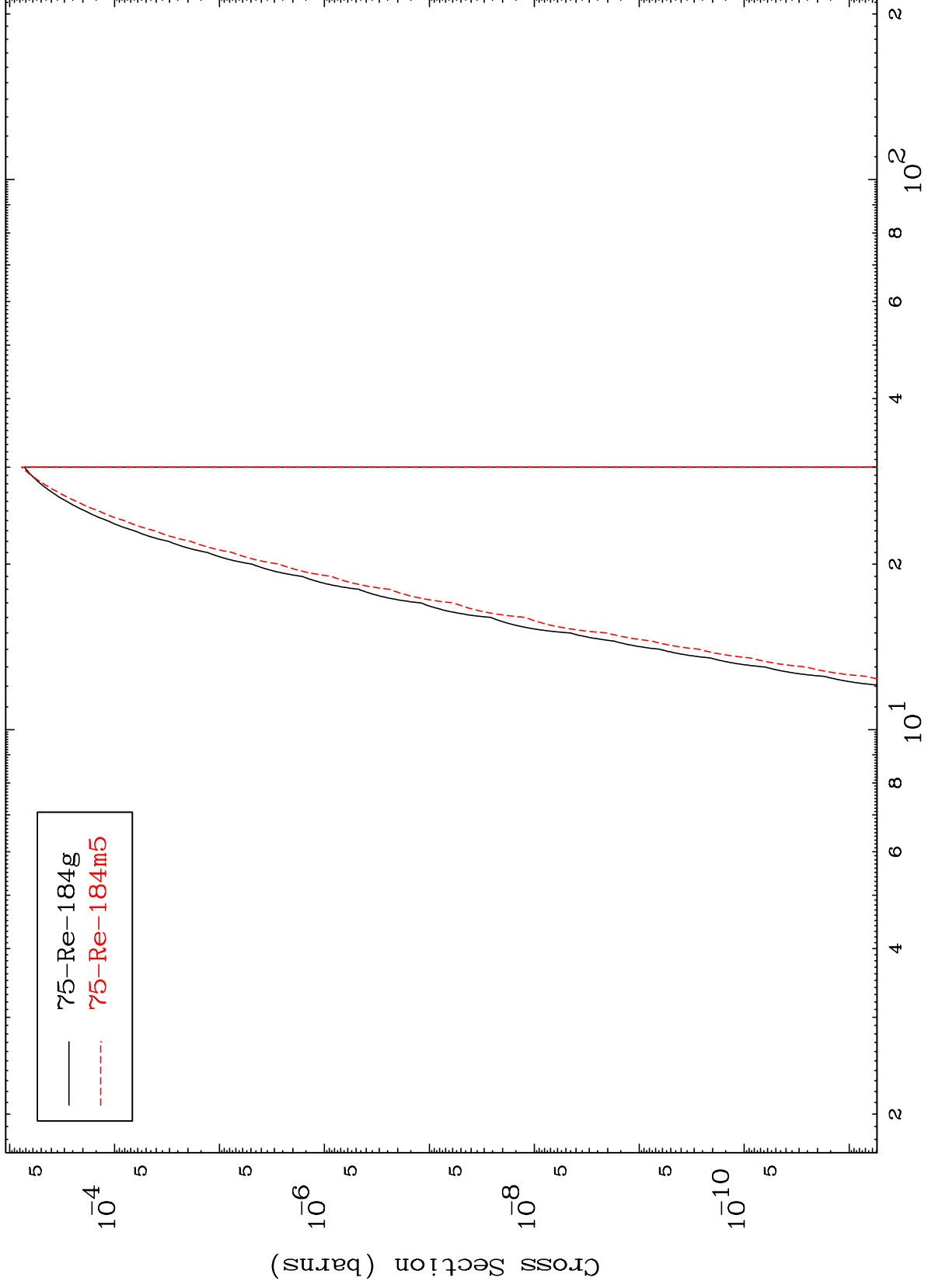
63

MAT 7710

(n,He-3)

77-Ir-186

Radionuclide Production Cross Section



75-Re-184g
75-Re-184m5

64

Incident Energy (MeV)

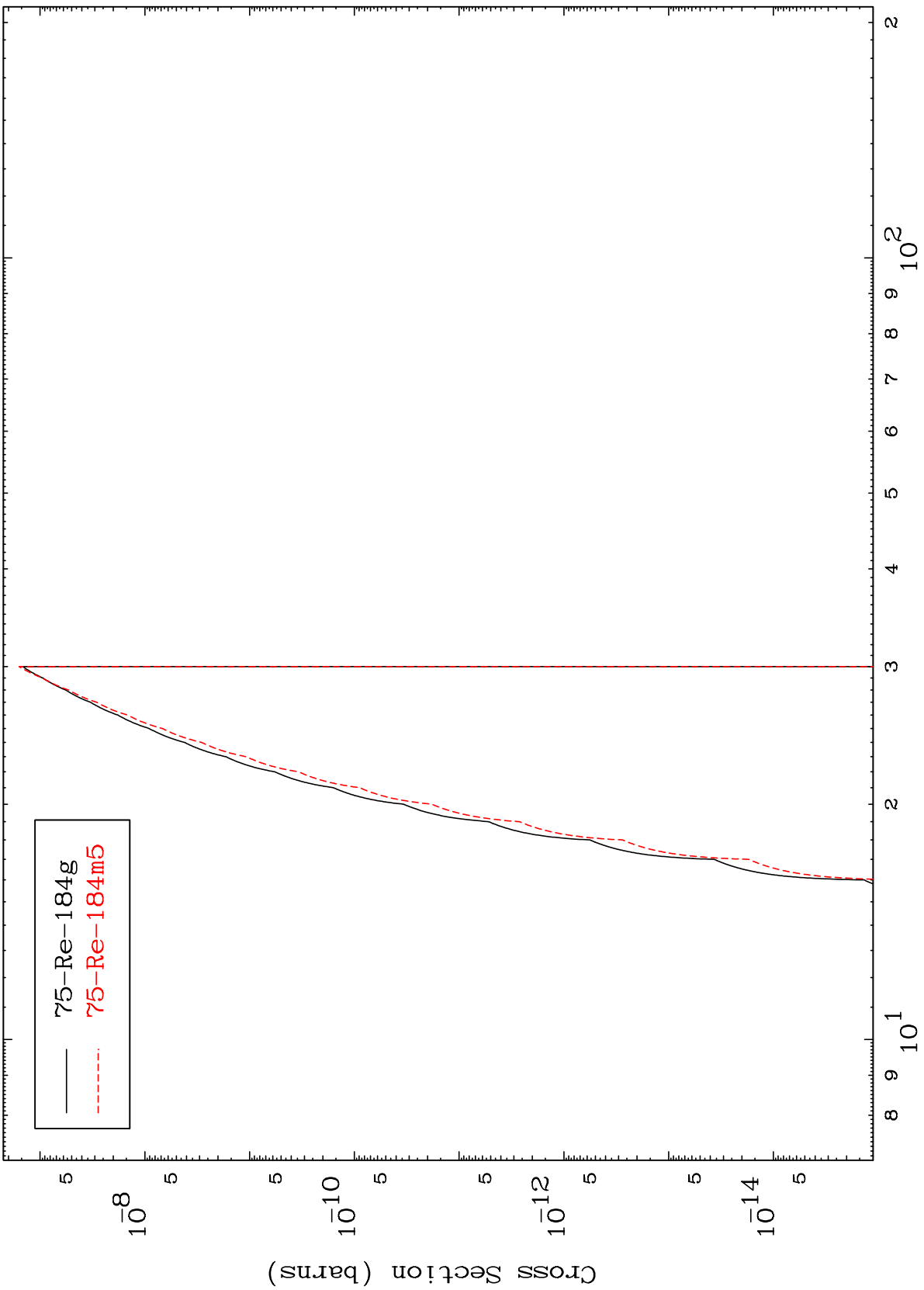
77-Ir-186

MAT 7710

(n,p) d

⁷⁷Ir-186

Radionuclide Production Cross Section



65

Incident Energy (MeV)

⁷⁷Ir-186