

Program EVALPLOT
(Version 2015-2)

by

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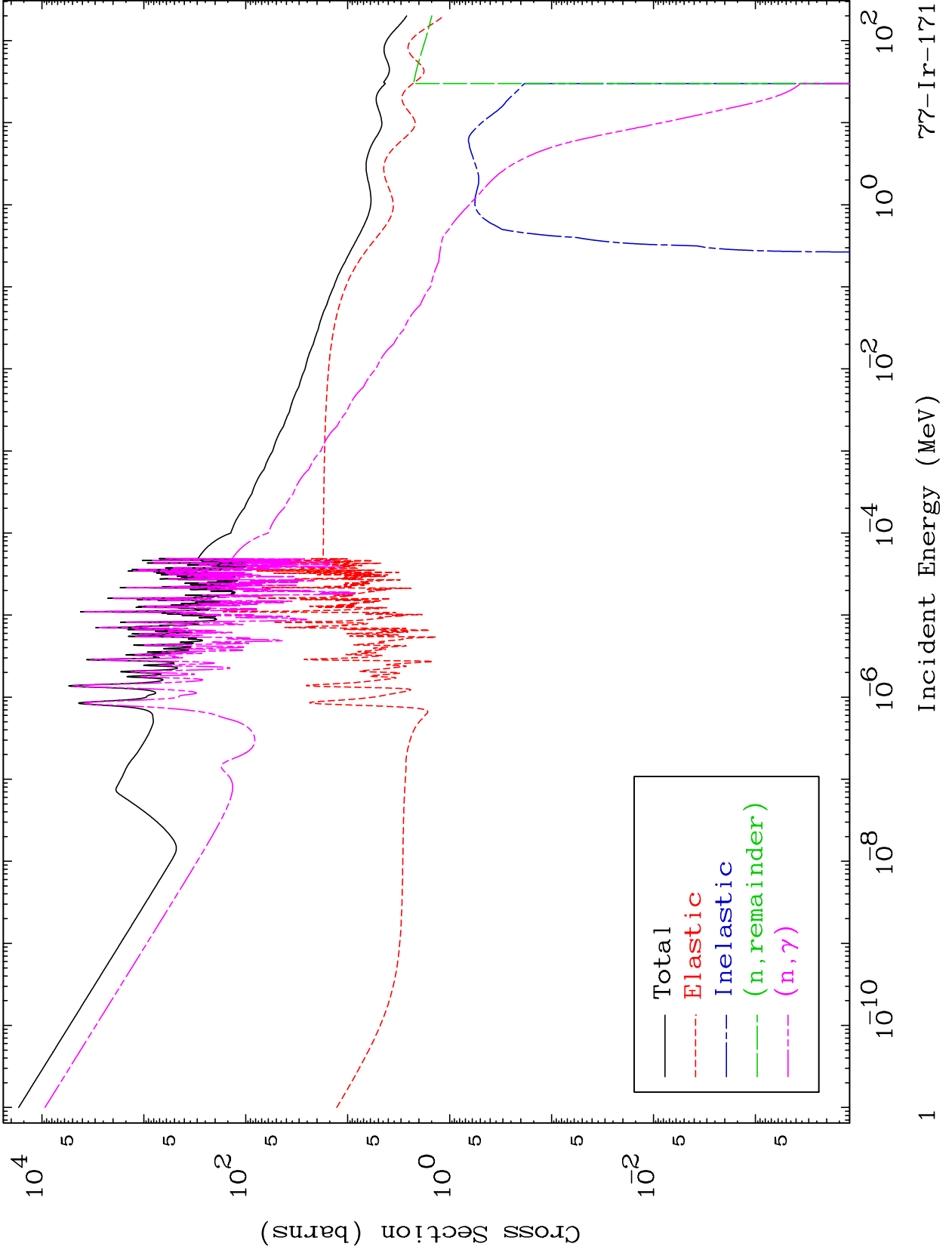
Press Mouse Button to Start

MAT 7665

Major

293 Kelvin Cross Sections

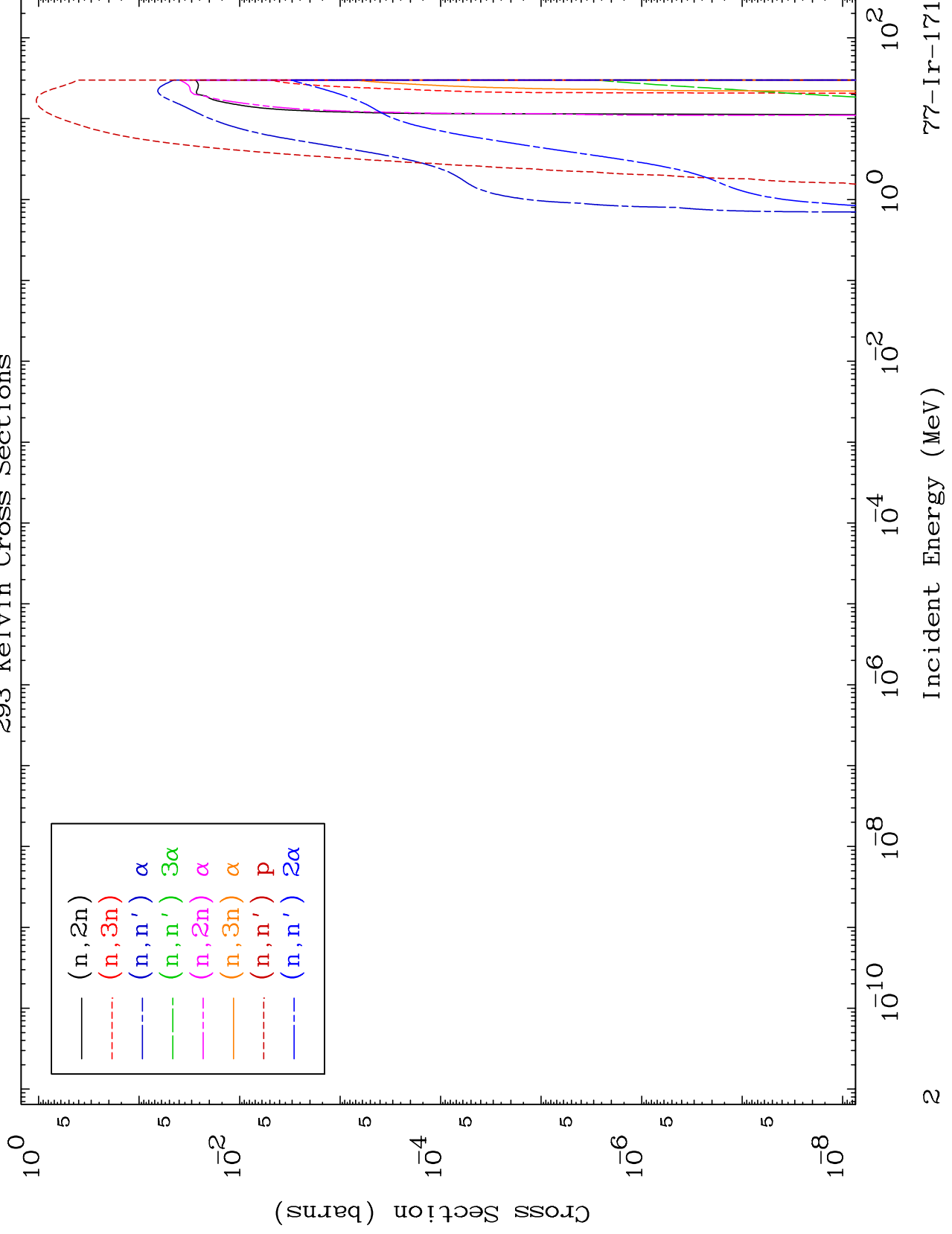
77-Ir-171



MAT 7665

Neutron Production
293 Kelvin Cross Sections

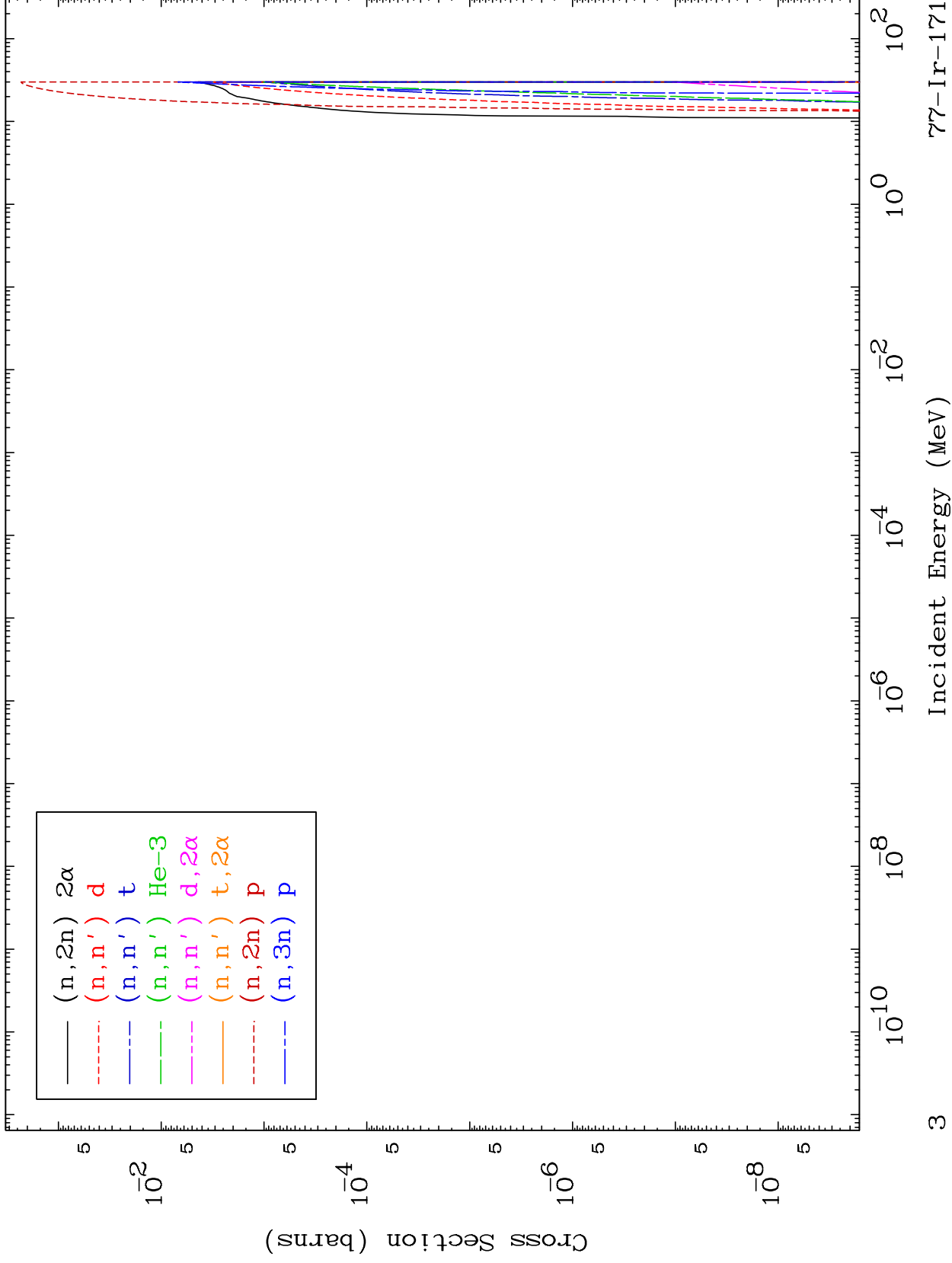
⁷⁷Ir-171



MAT 7665

Neutron Production
293 Kelvin Cross Sections

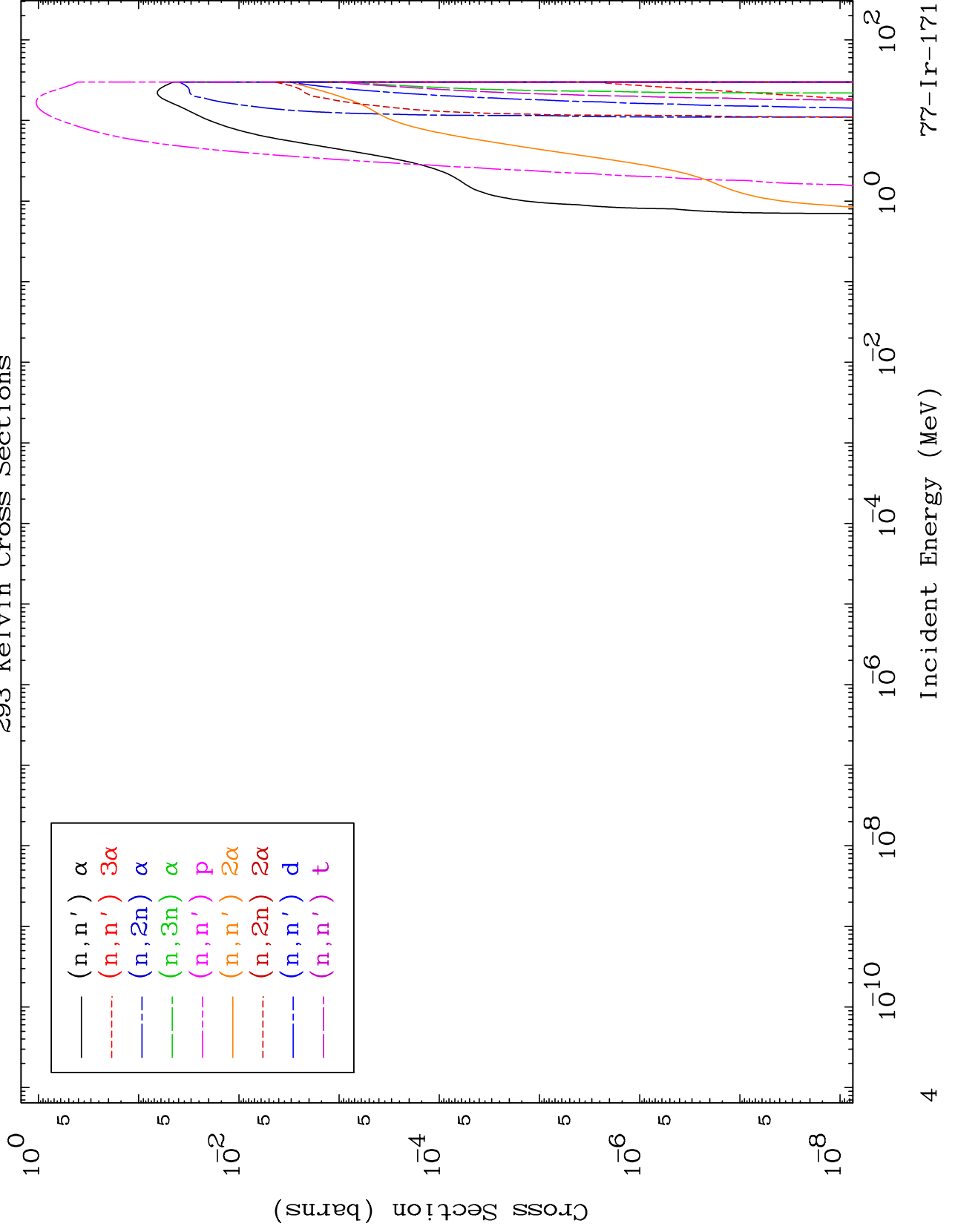
⁷⁷Ir-171



MAT 7665

Charged Particle
293 Kelvin Cross Sections

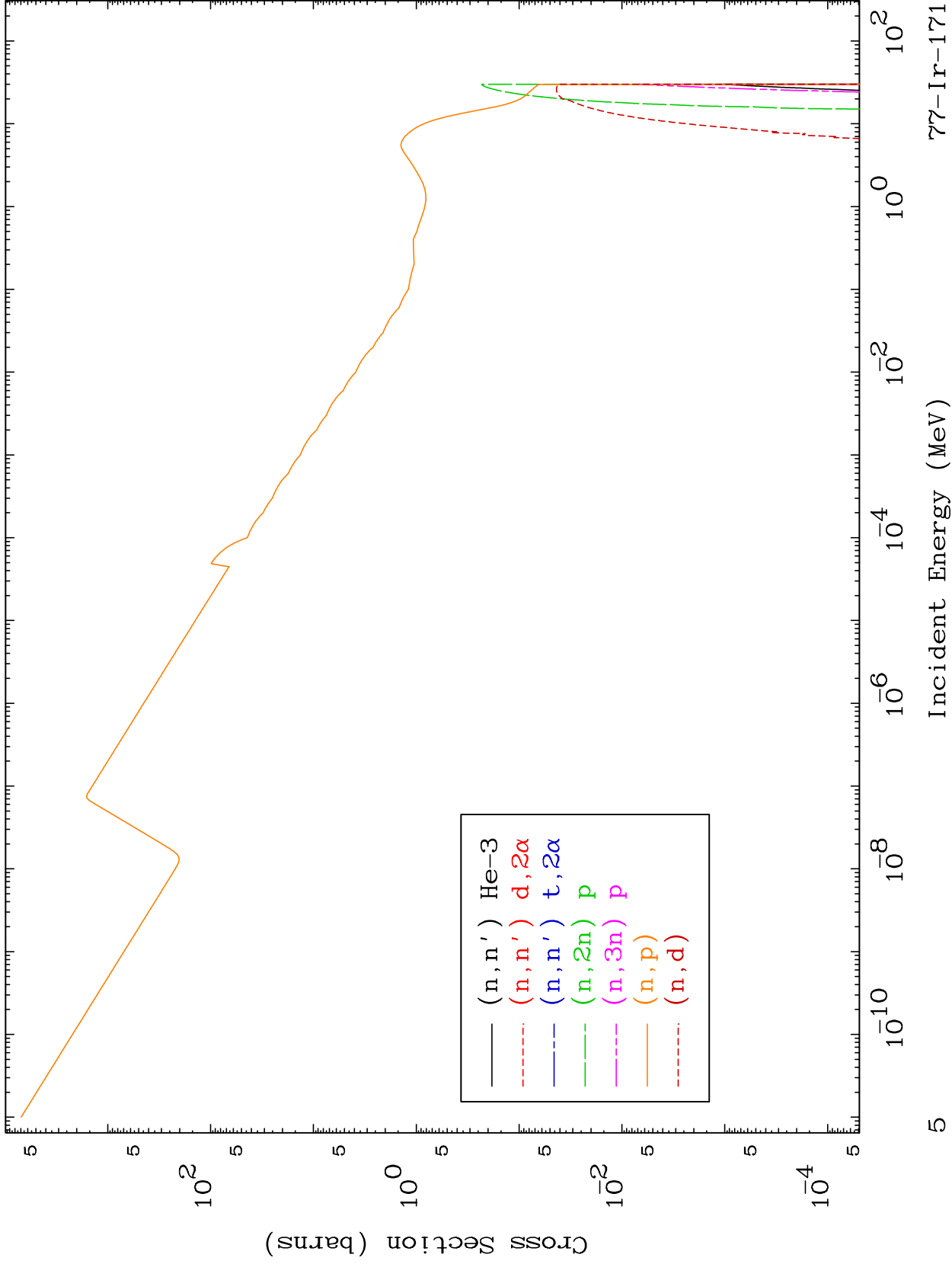
77-Ir-171



MAT 7665

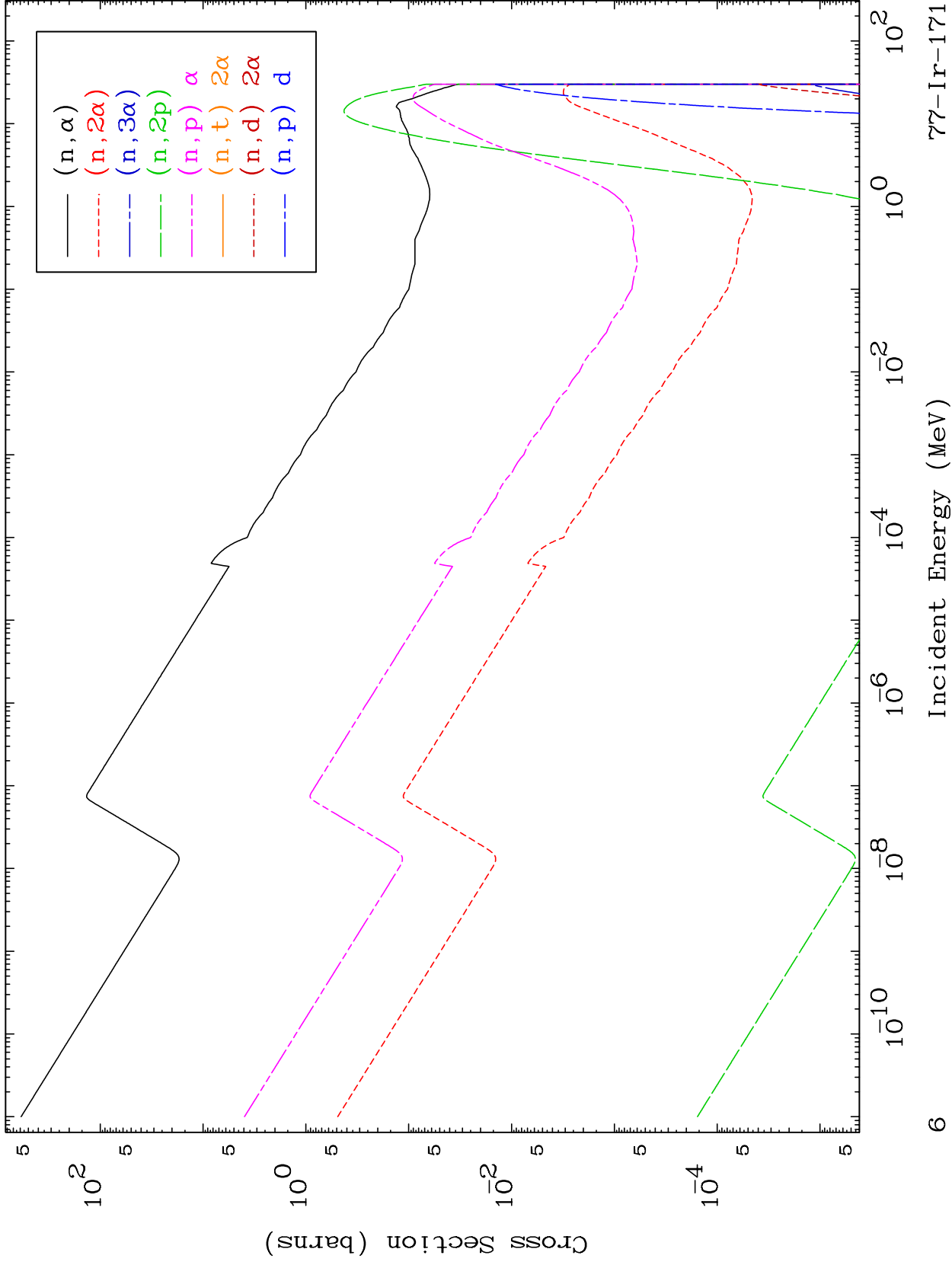
Charged Particle
293 Kelvin Cross Sections

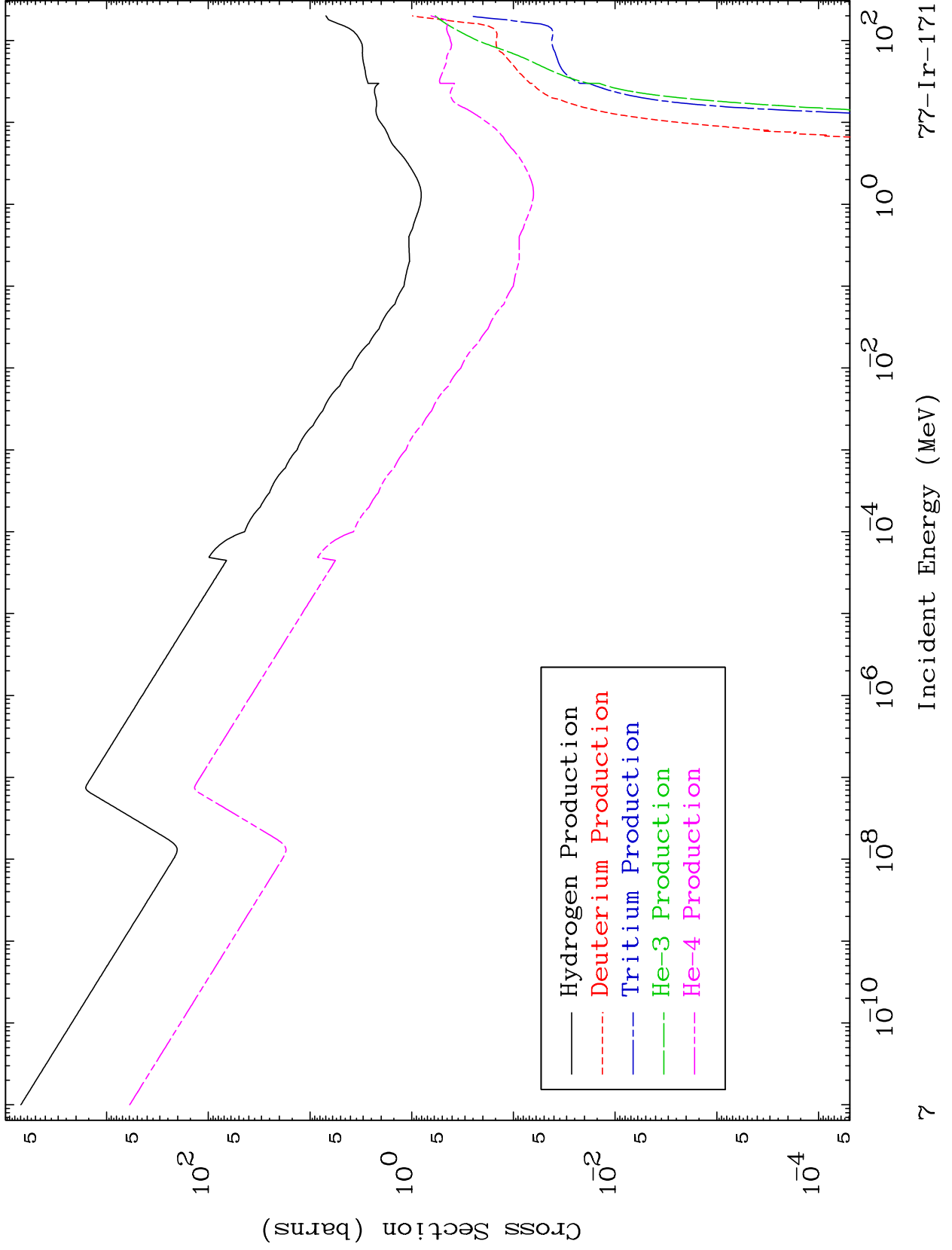
⁷⁷Ir-171



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⁷⁷Ir-171



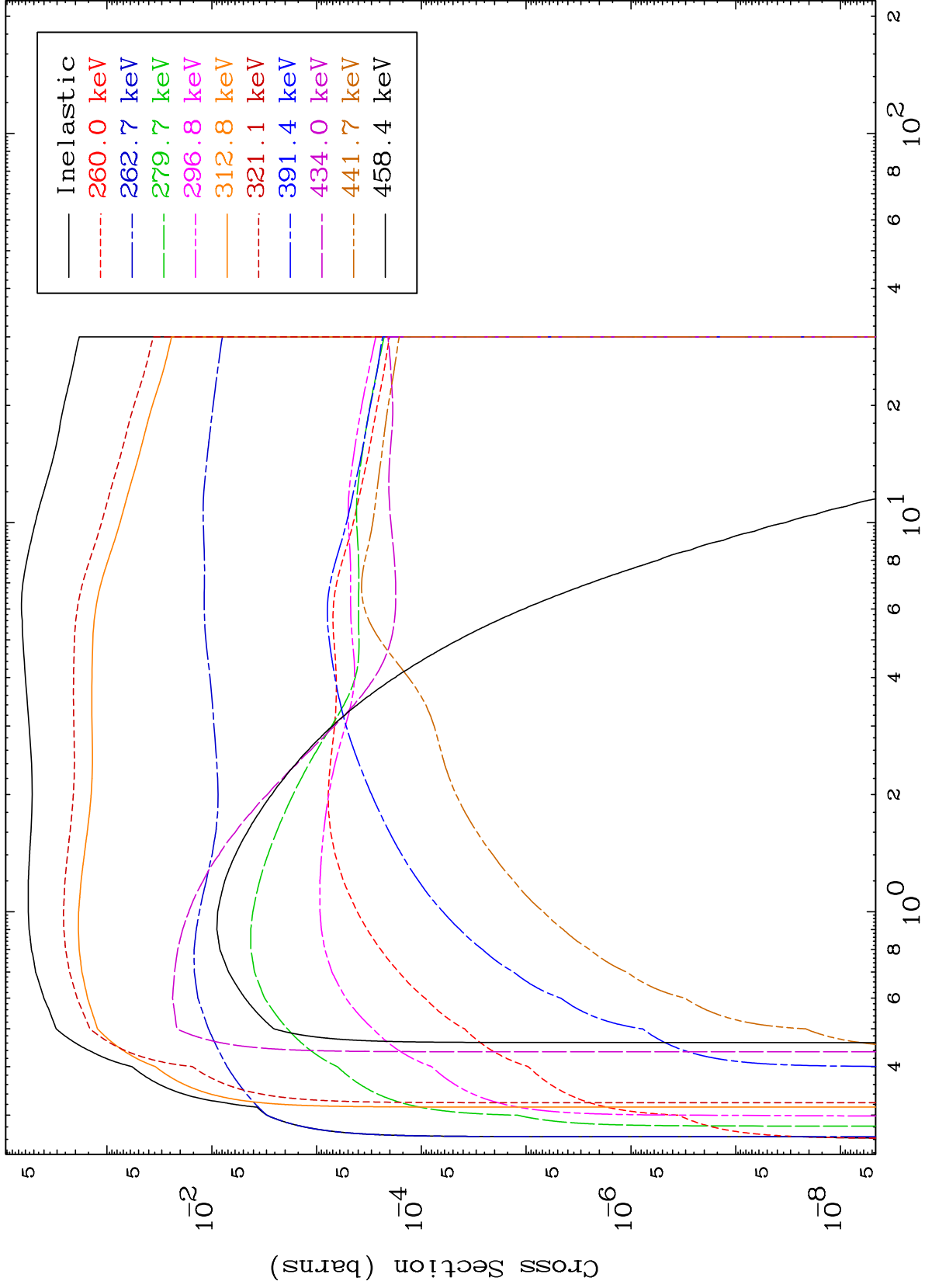


MAT 7665

(n,n') Level

77-Ir-171

293 Kelvin Cross Sections



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Incident Energy (MeV)

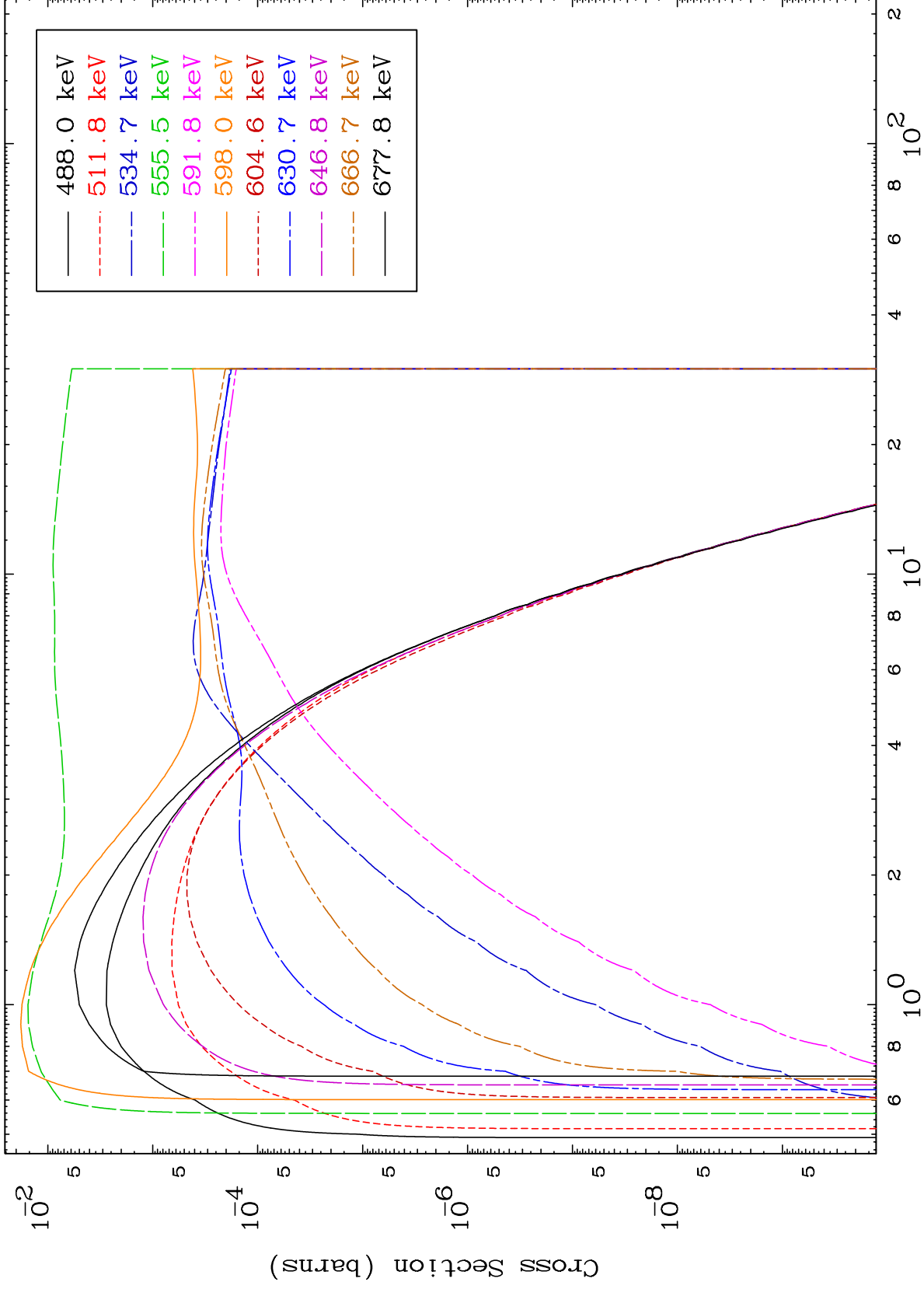
77-Ir-171

MAT 7665

(n,n') Level

77-Ir-171

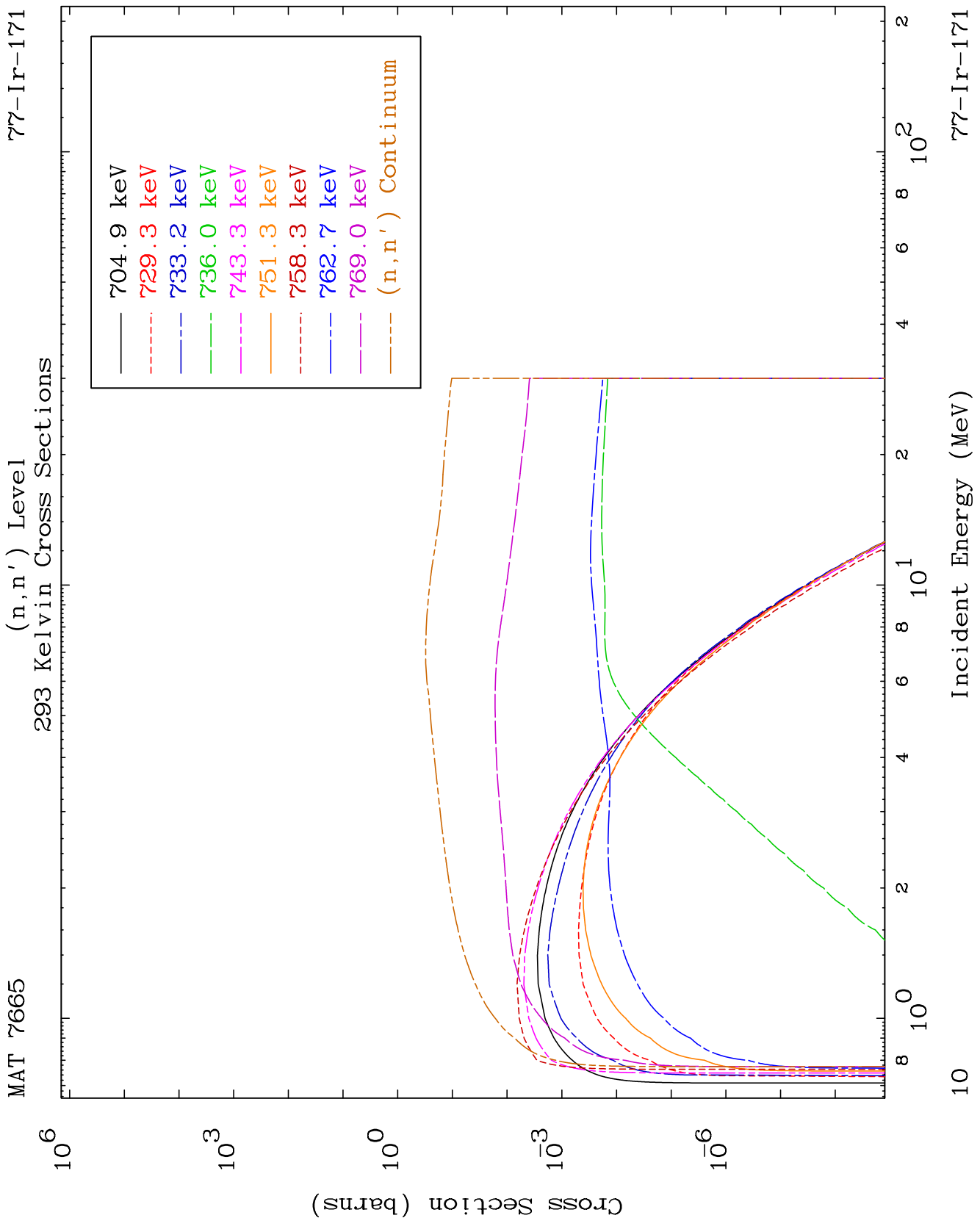
293 Kelvin Cross Sections



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Incident Energy (MeV)

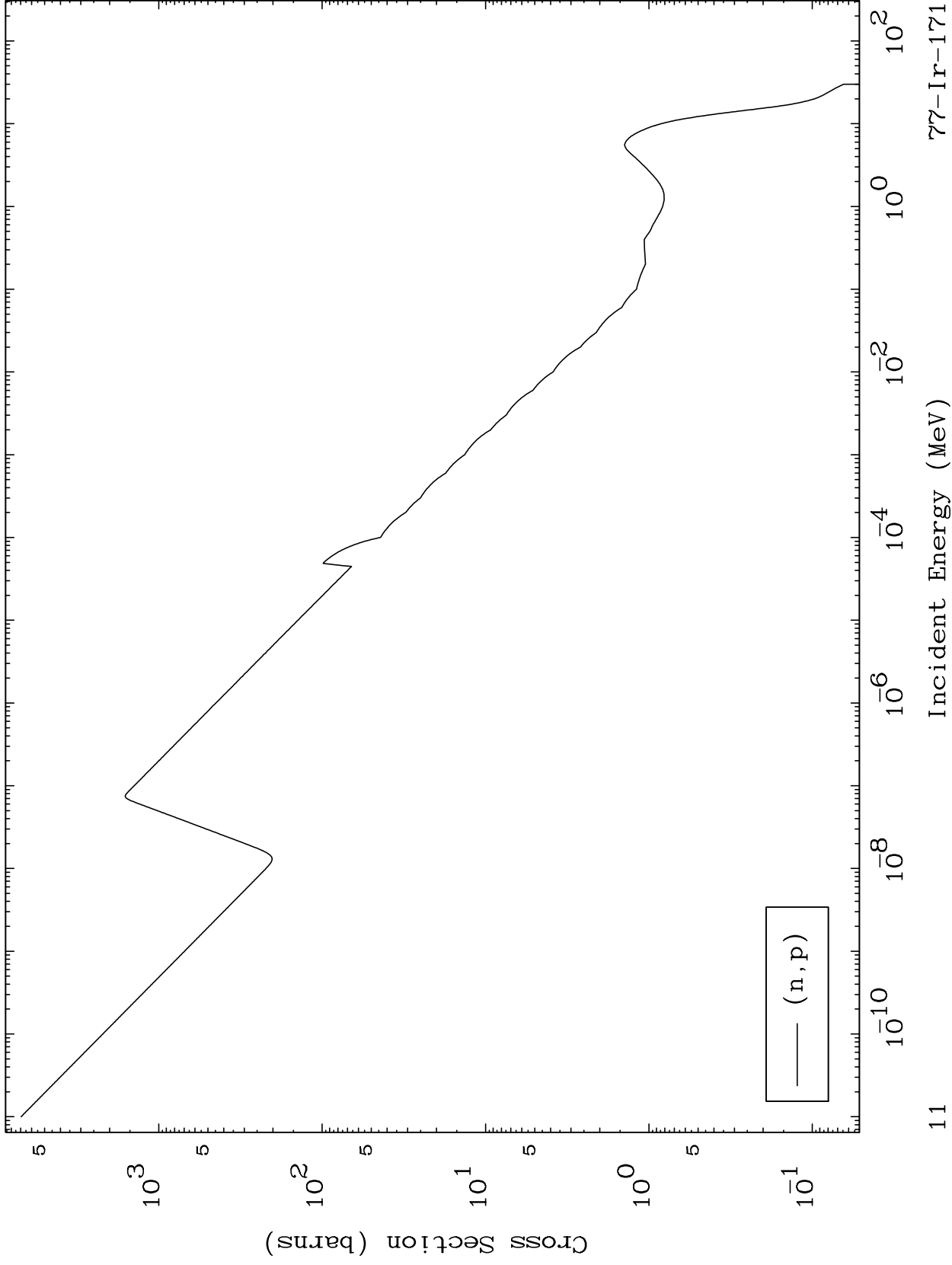
77-Ir-171



MAT 7665

(n,p) Levels
293 Kelvin Cross Sections

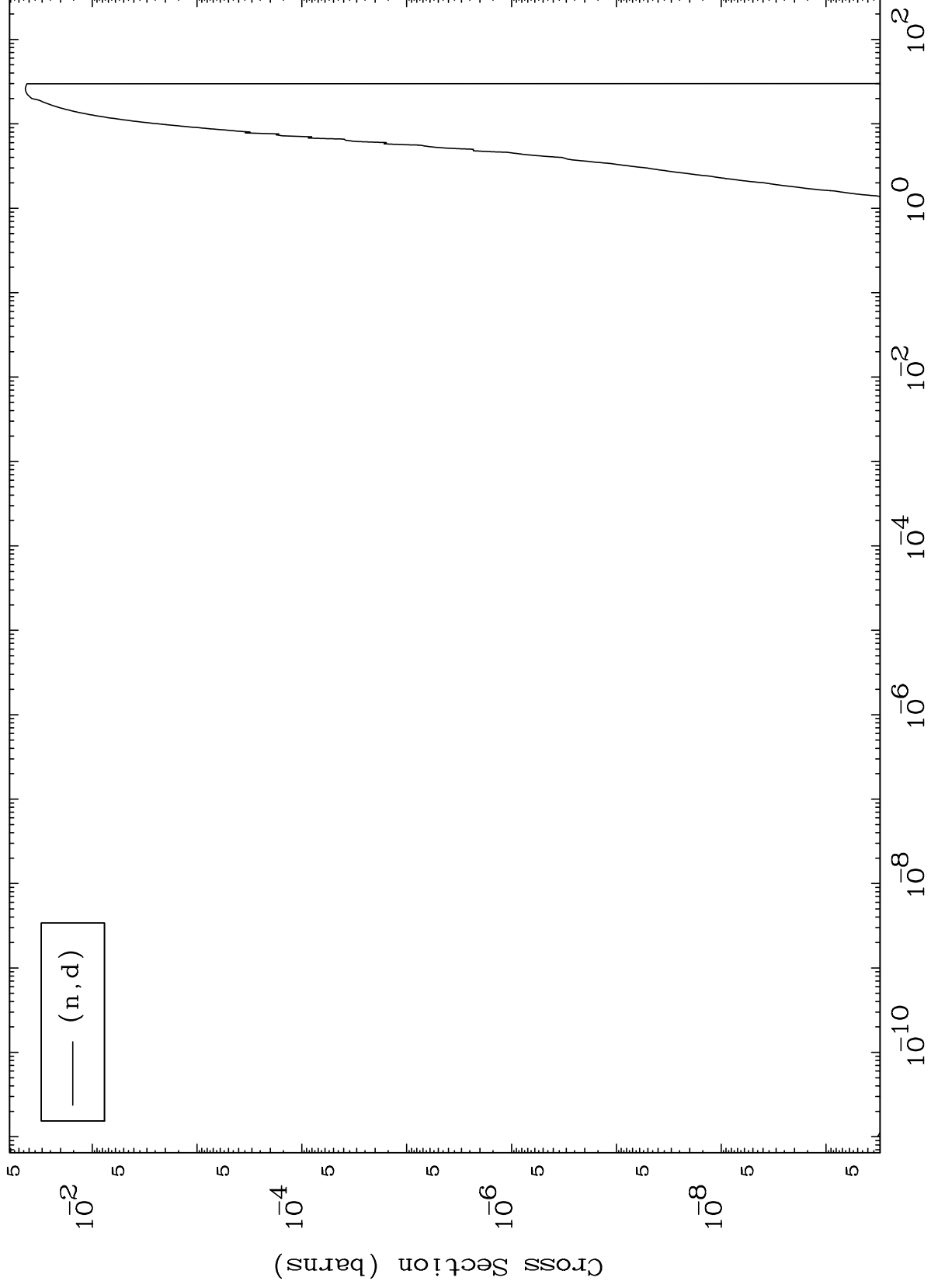
77-Ir-171



MAT 7665

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-171



12

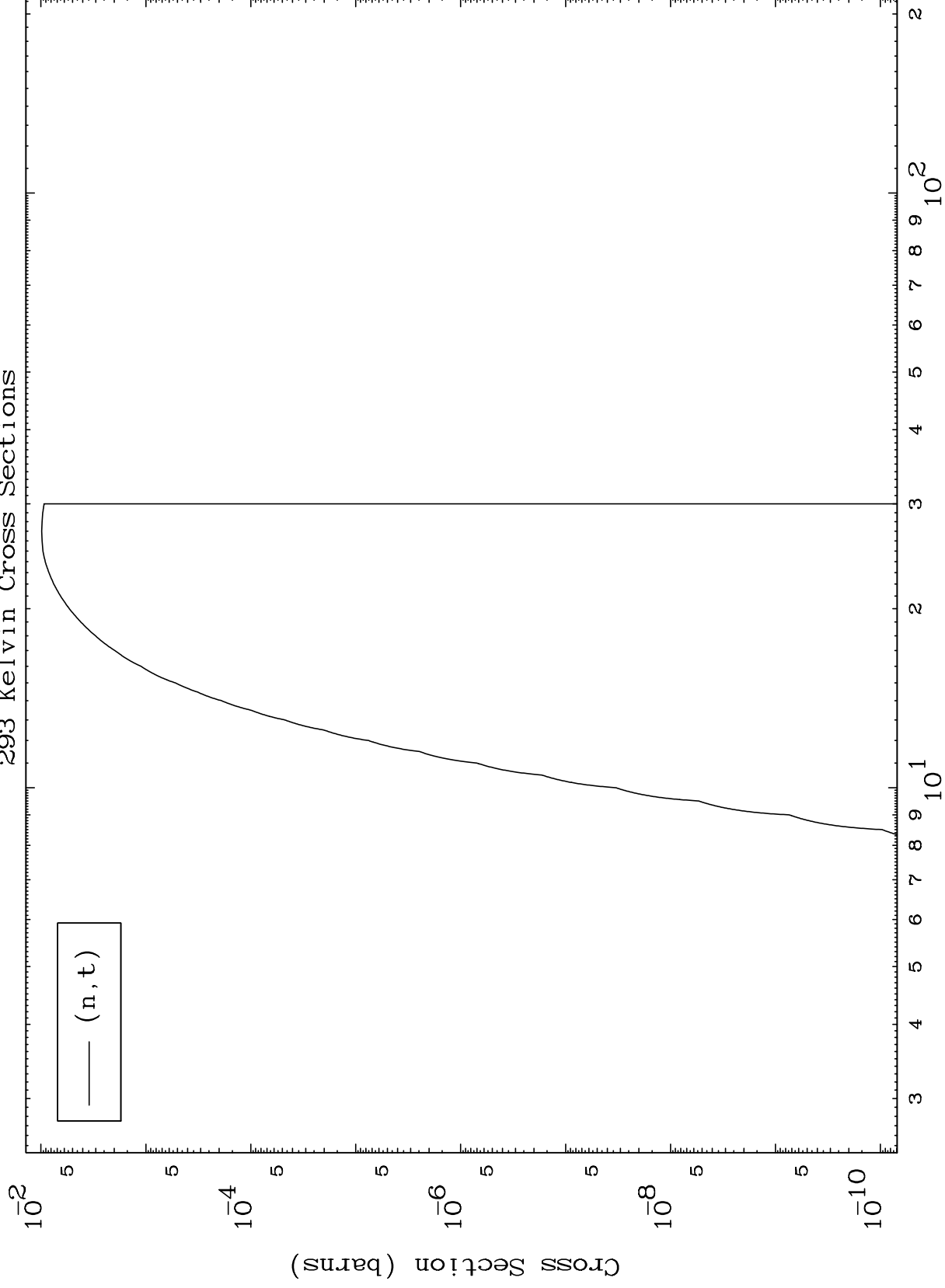
Incident Energy (MeV)

77-Ir-171

MAT 7665

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-171



13

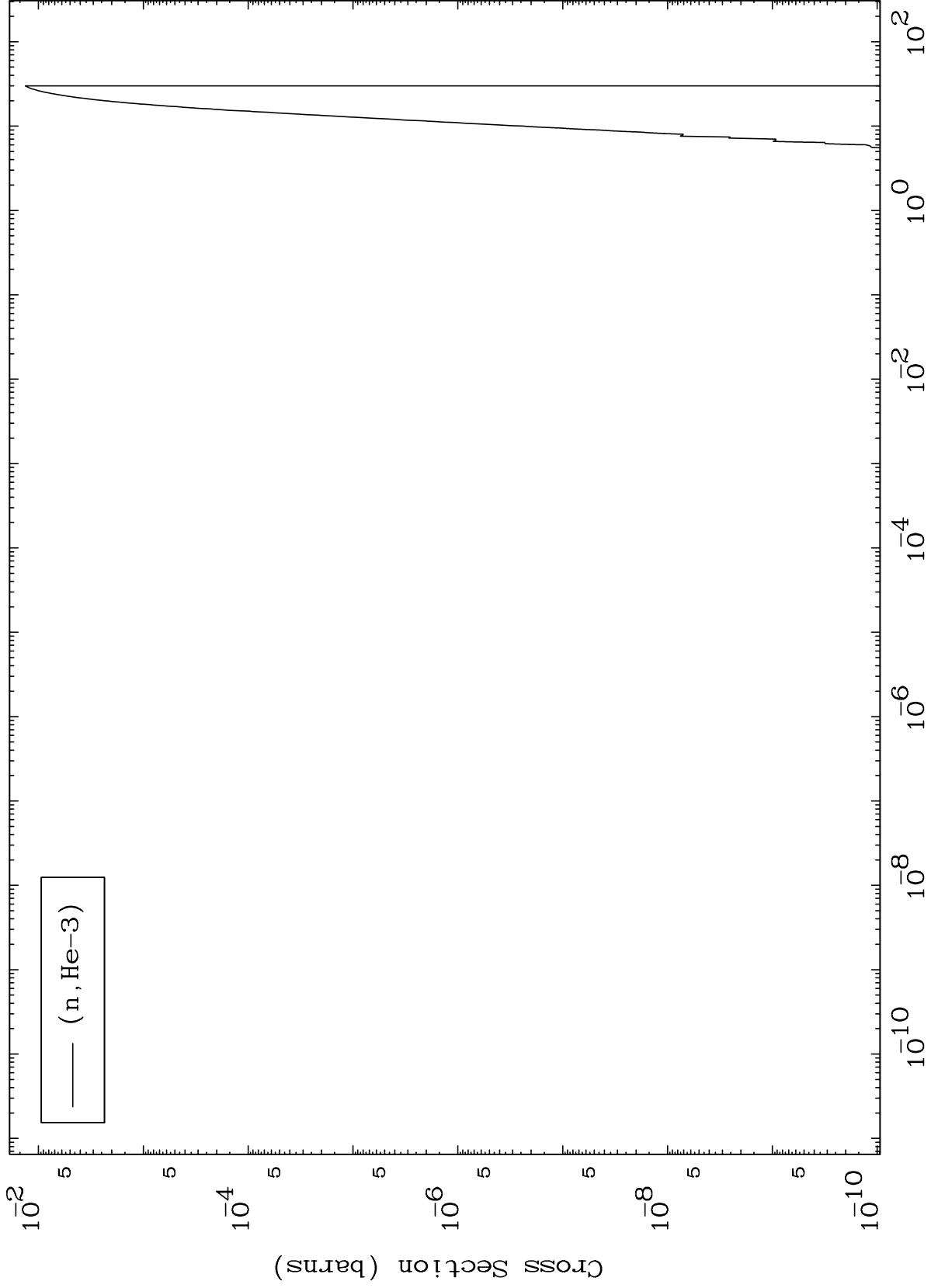
Incident Energy (MeV)

77-Ir-171

MAT 7665

(n,He3) Levels
293 Kelvin Cross Sections

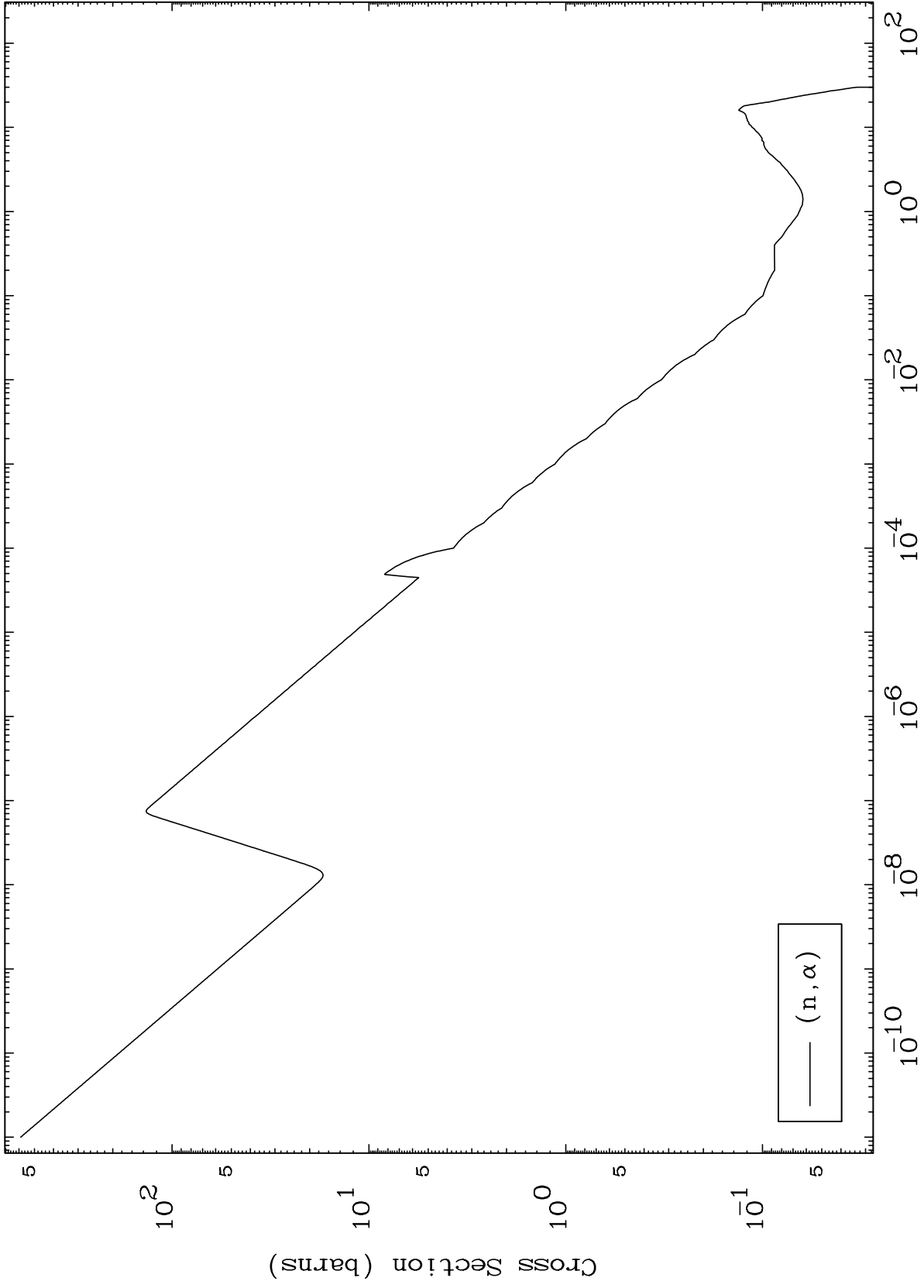
77-Ir-171



MAT 7665

(n,α) Levels
293 Kelvin Cross Sections

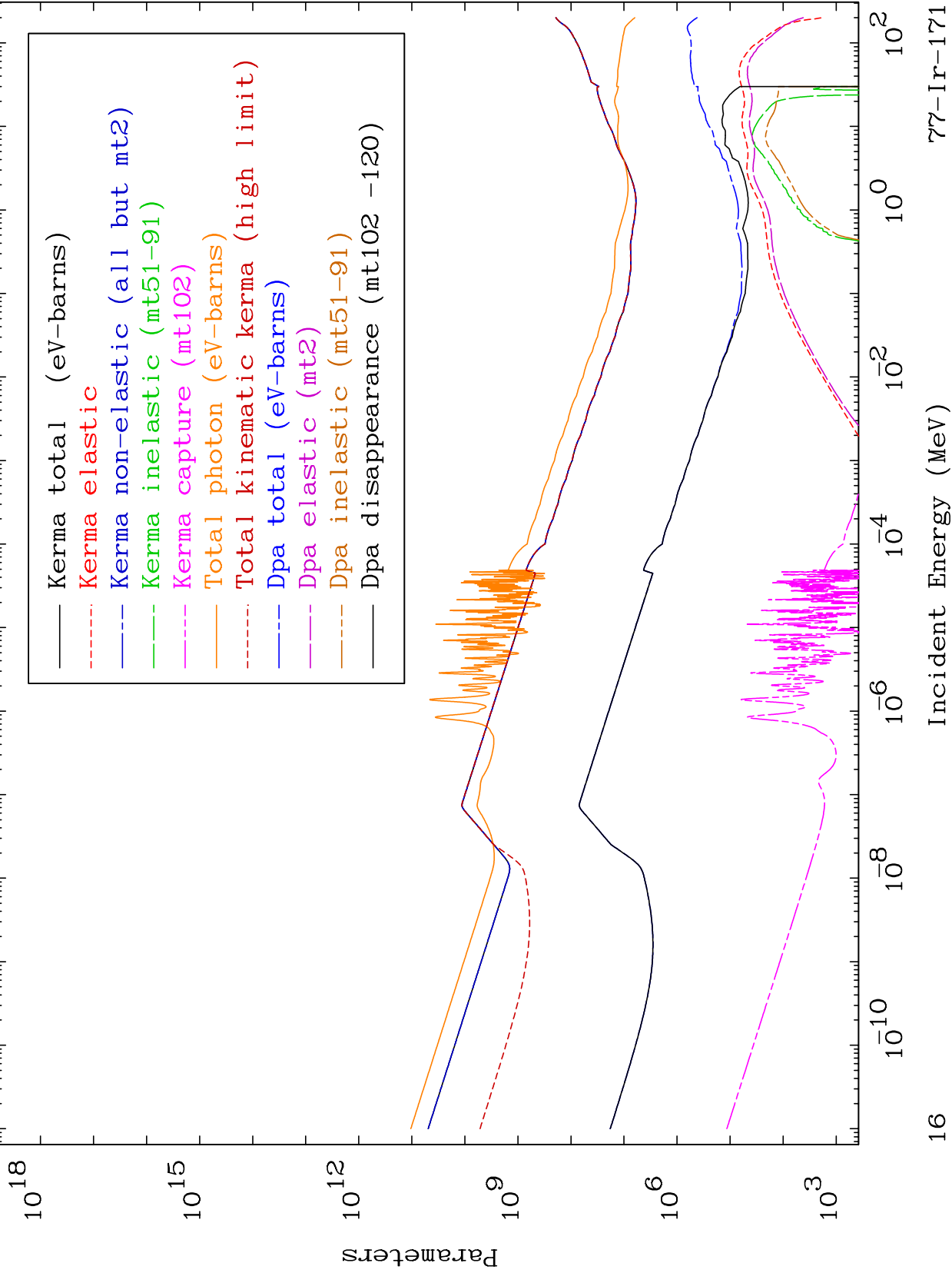
77-Ir-171



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Incident Energy (MeV)

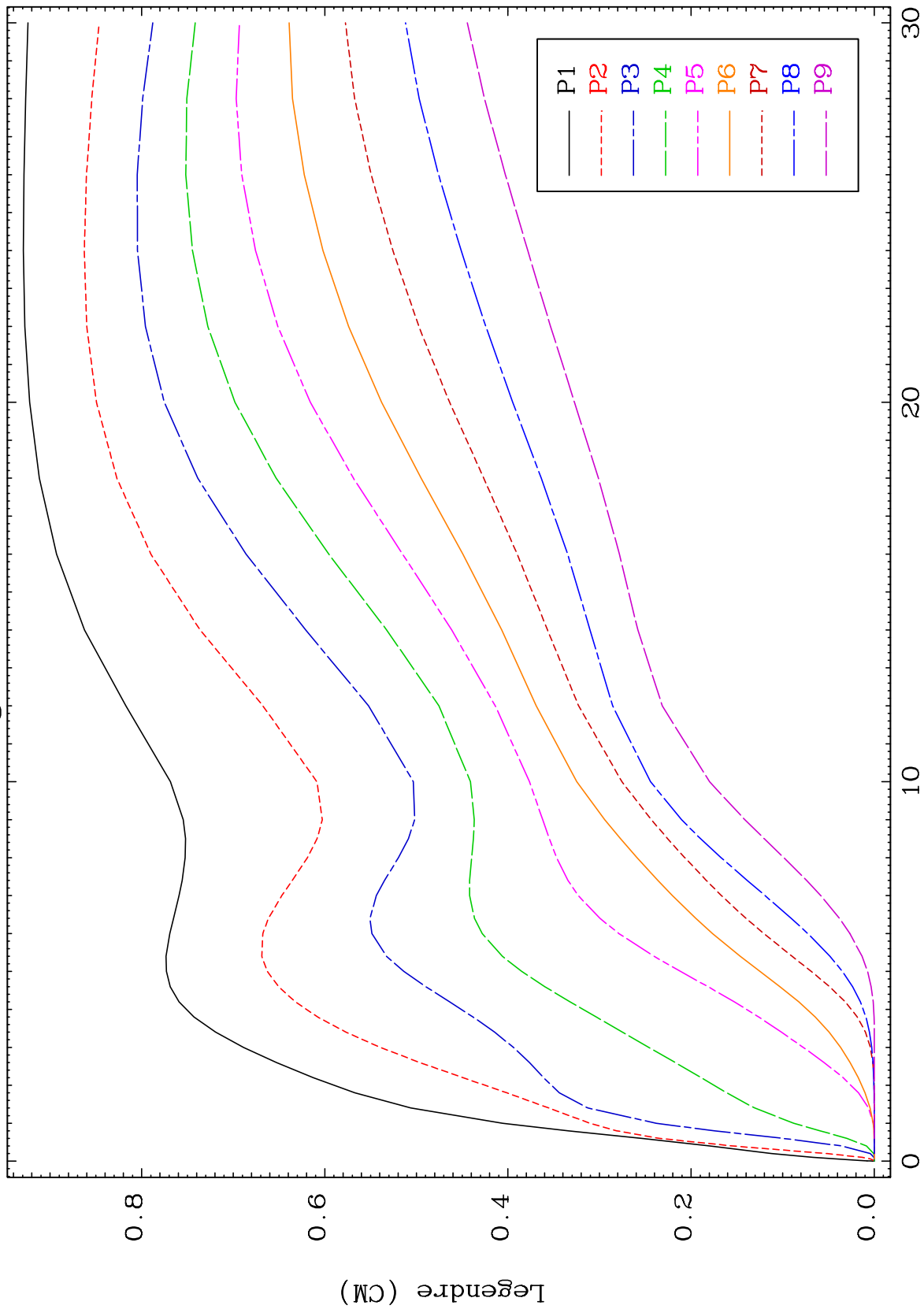
77-Ir-171



MAT 7665

Elastic Legendre Coefficients

⁷⁷Ir-171



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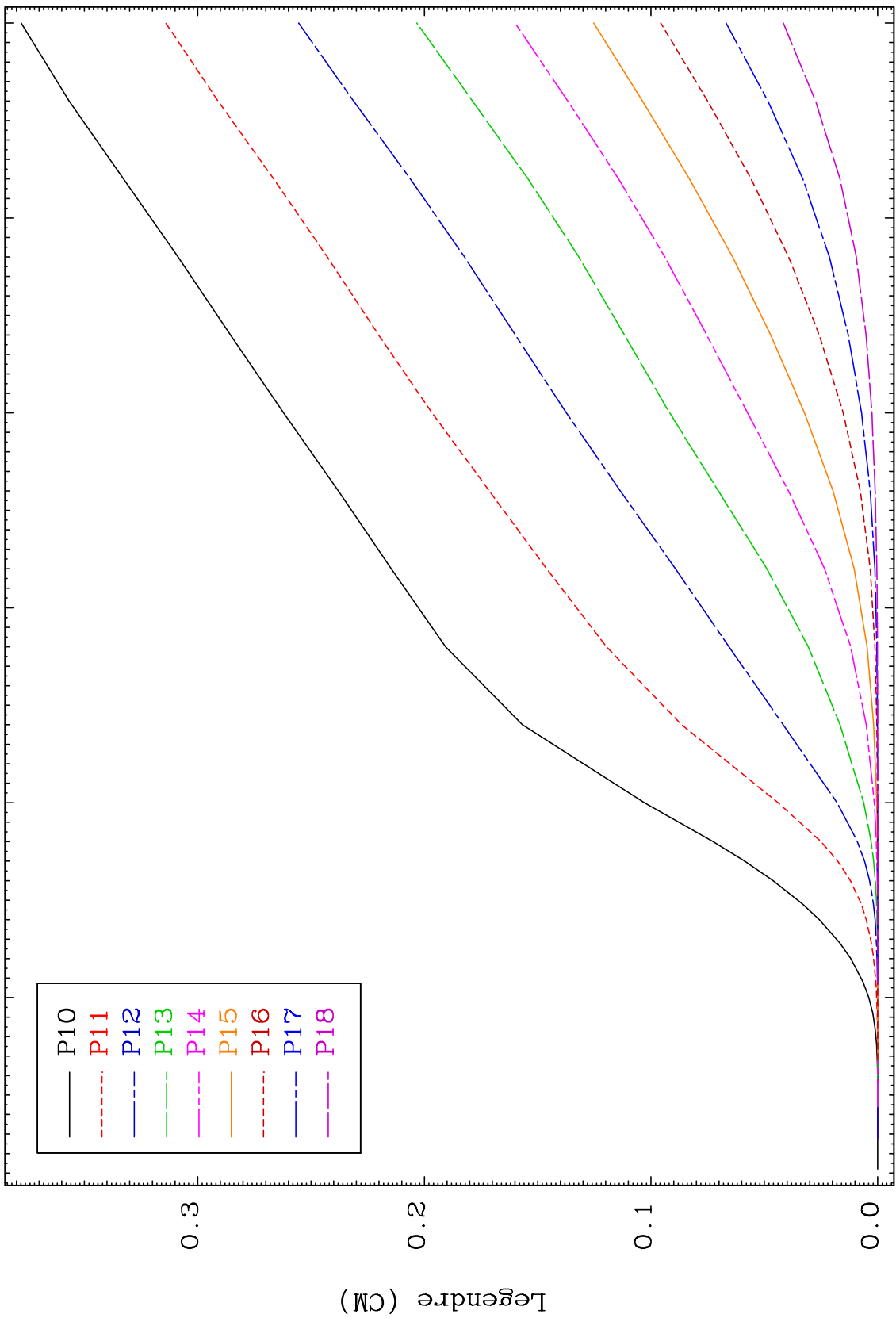
Incident Energy (MeV)

⁷⁷Ir-171

MAT 7665

Elastic Legendre Coefficients

⁷⁷Ir-171



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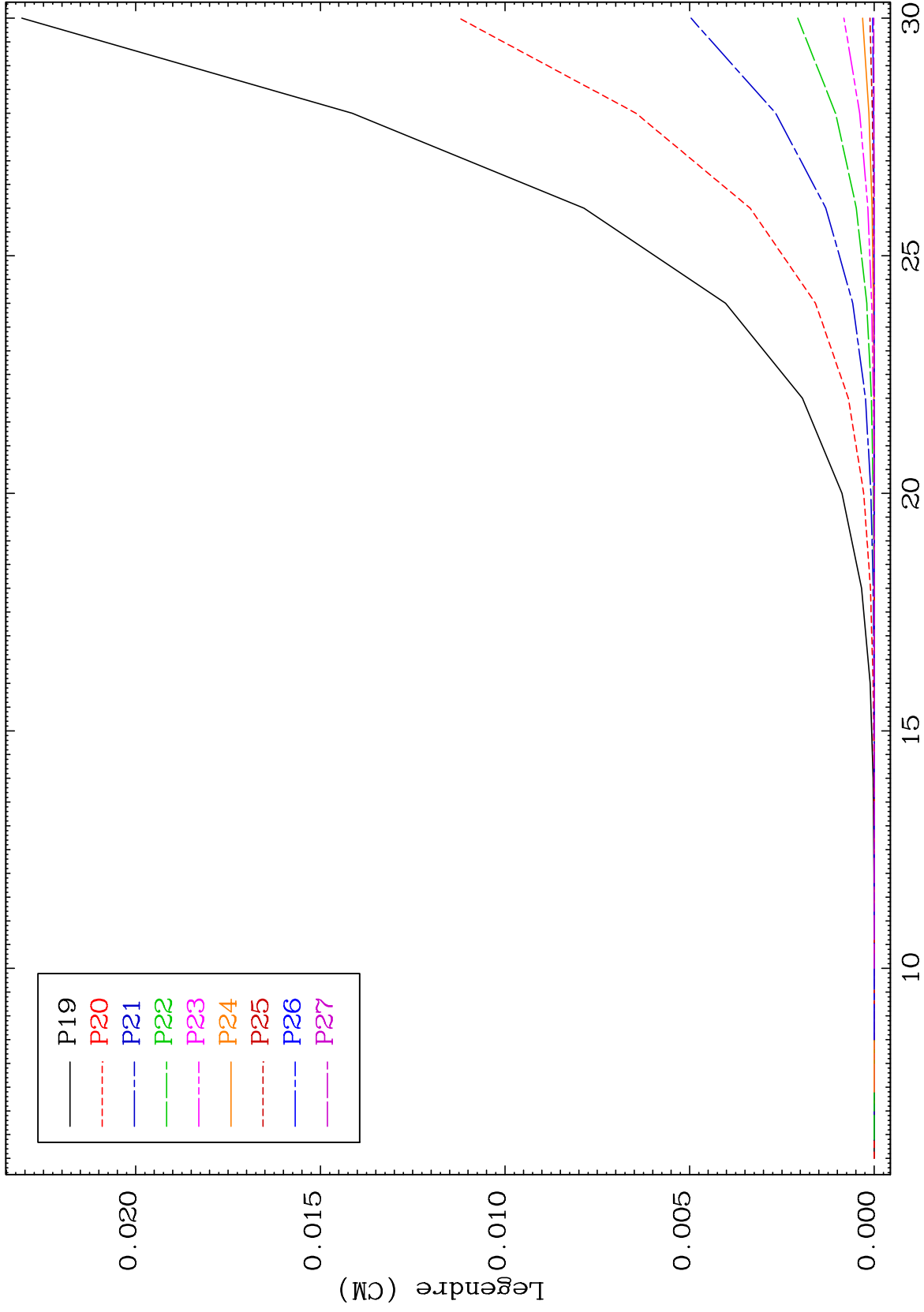
Incident Energy (MeV)

⁷⁷Ir-171

MAT 7665

Elastic Legendre Coefficients

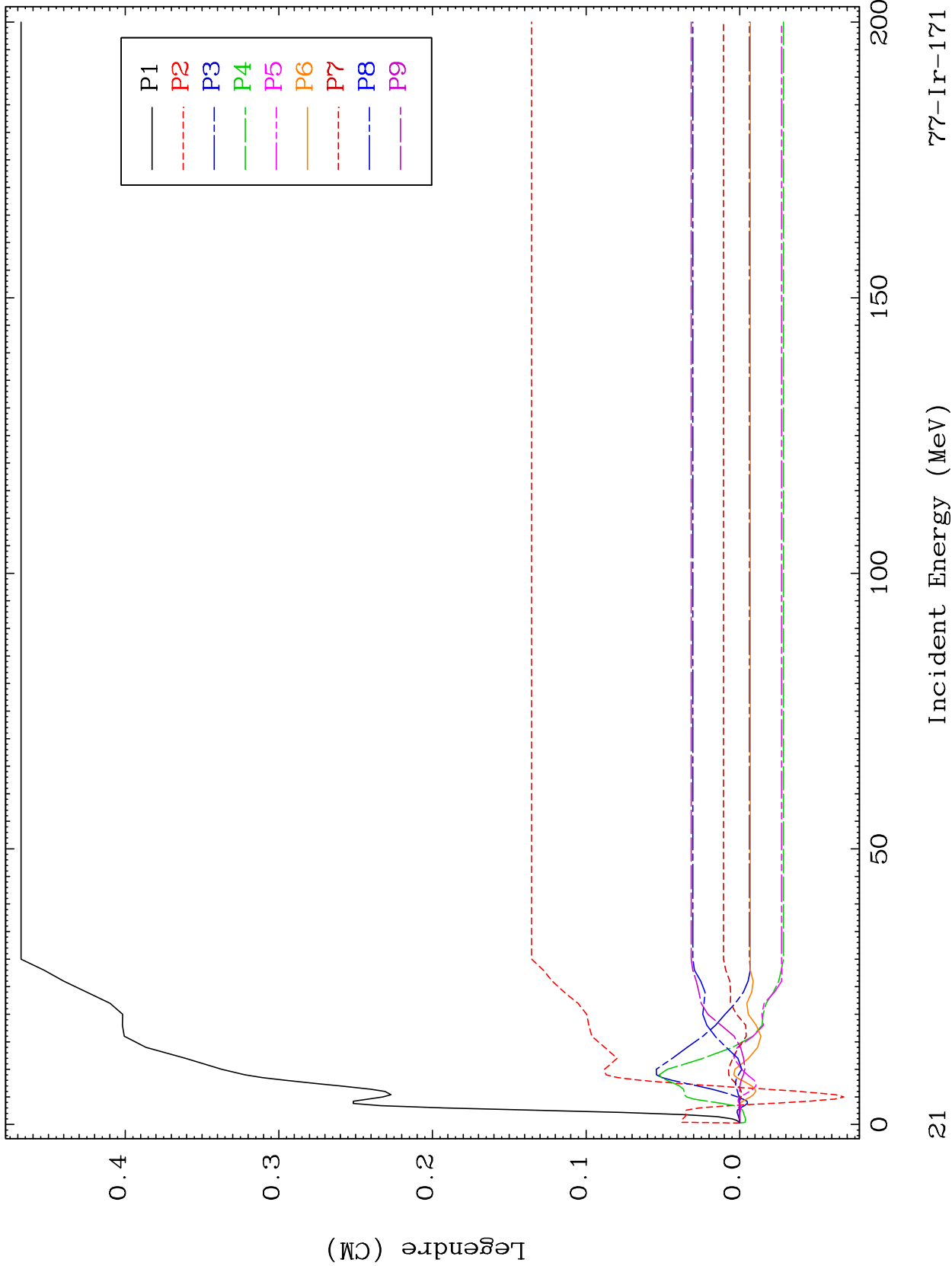
77-Ir-171



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Incident Energy (MeV)

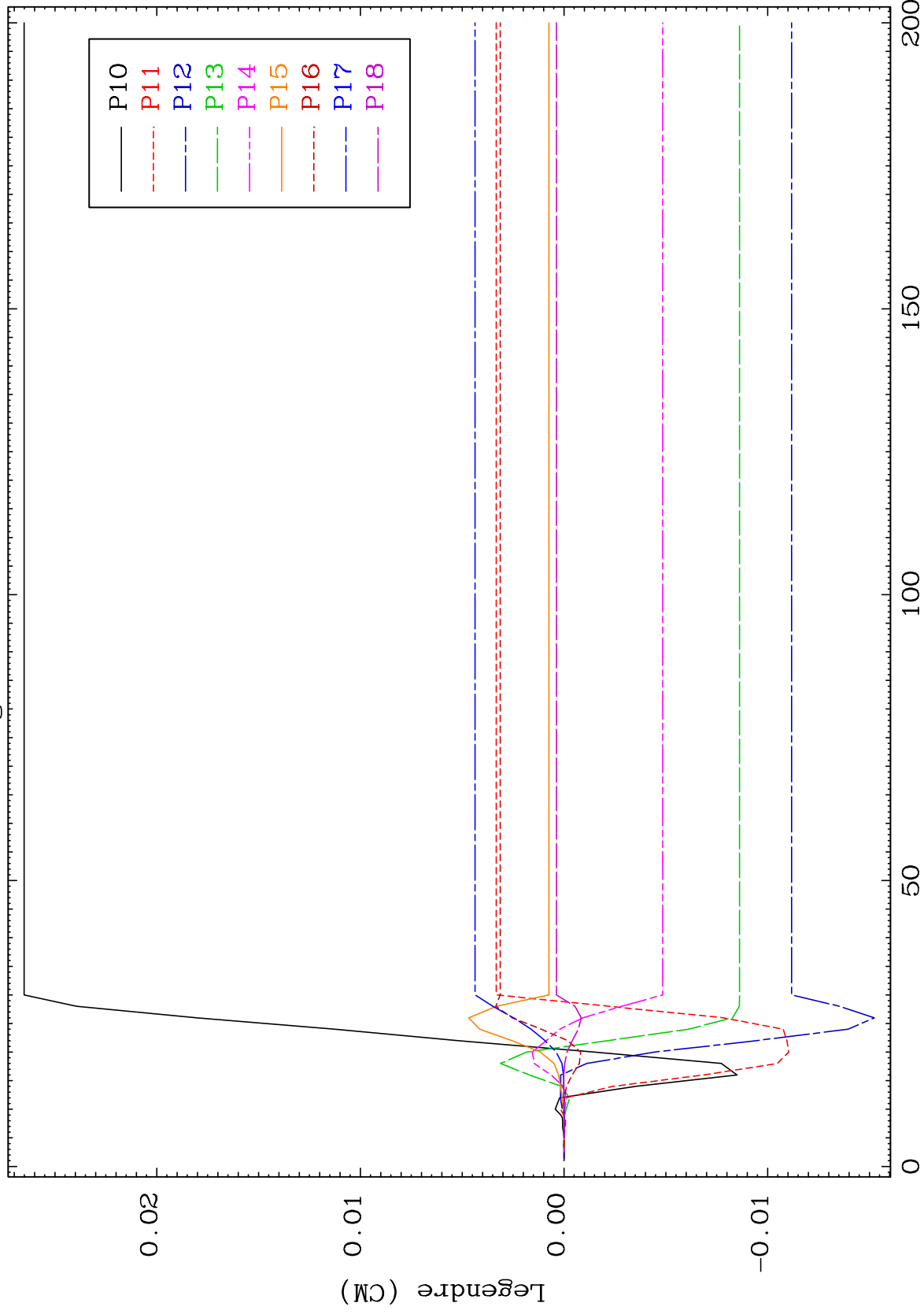
77-Ir-171



MAT 7665

260.0 keV (n,n') Level
Legendre Coefficients

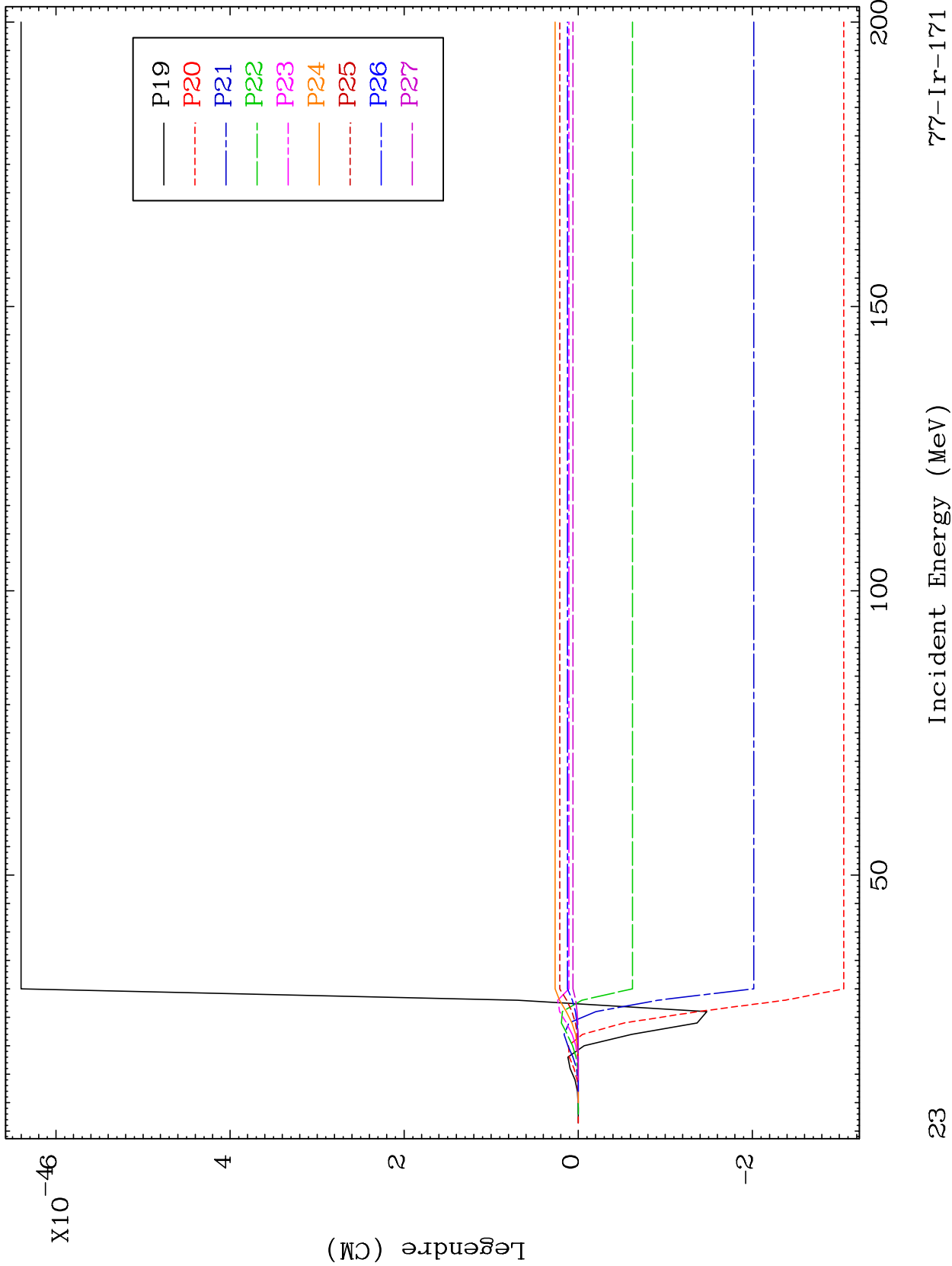
77-Ir-171

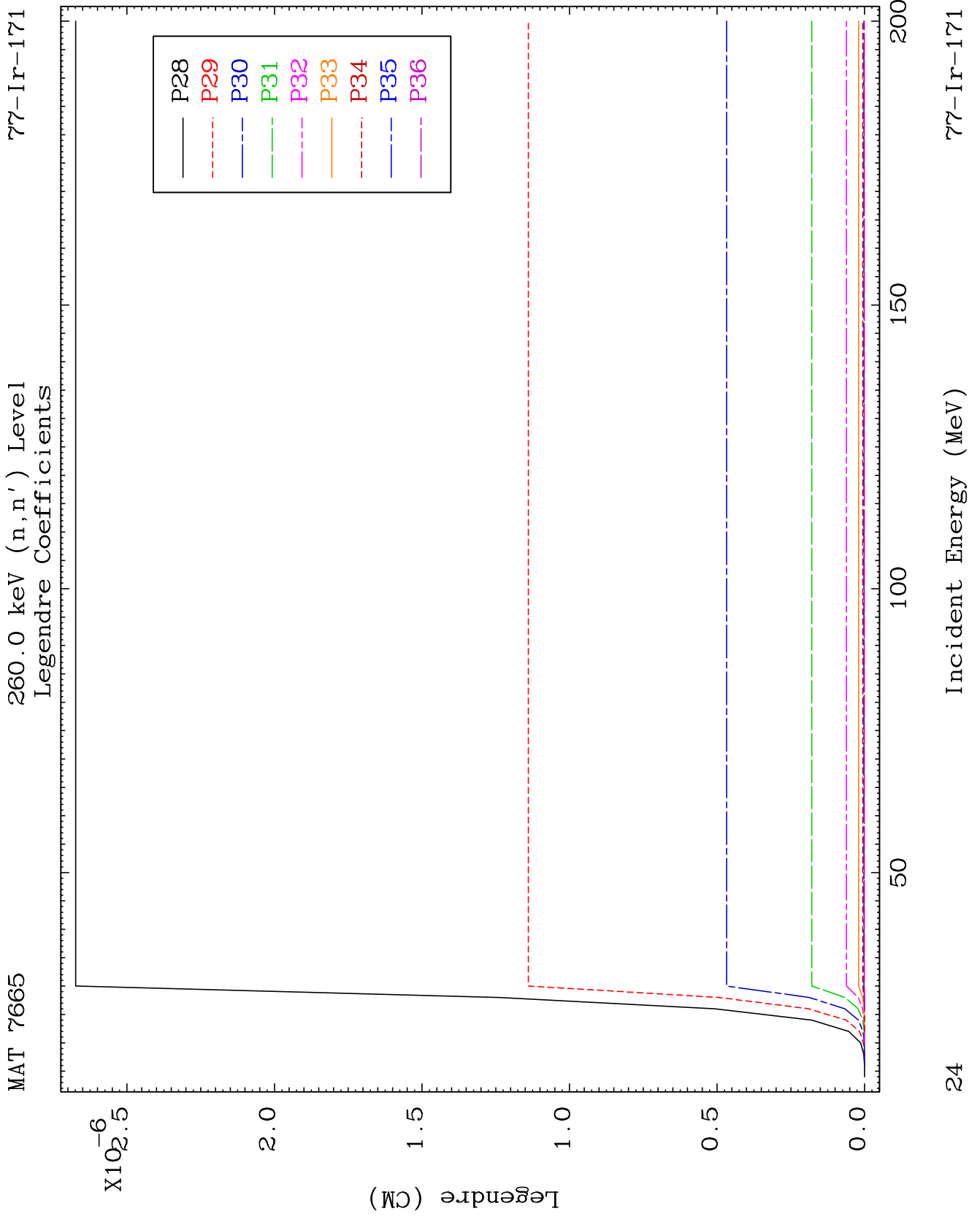


22

Incident Energy (MeV)

77-Ir-171

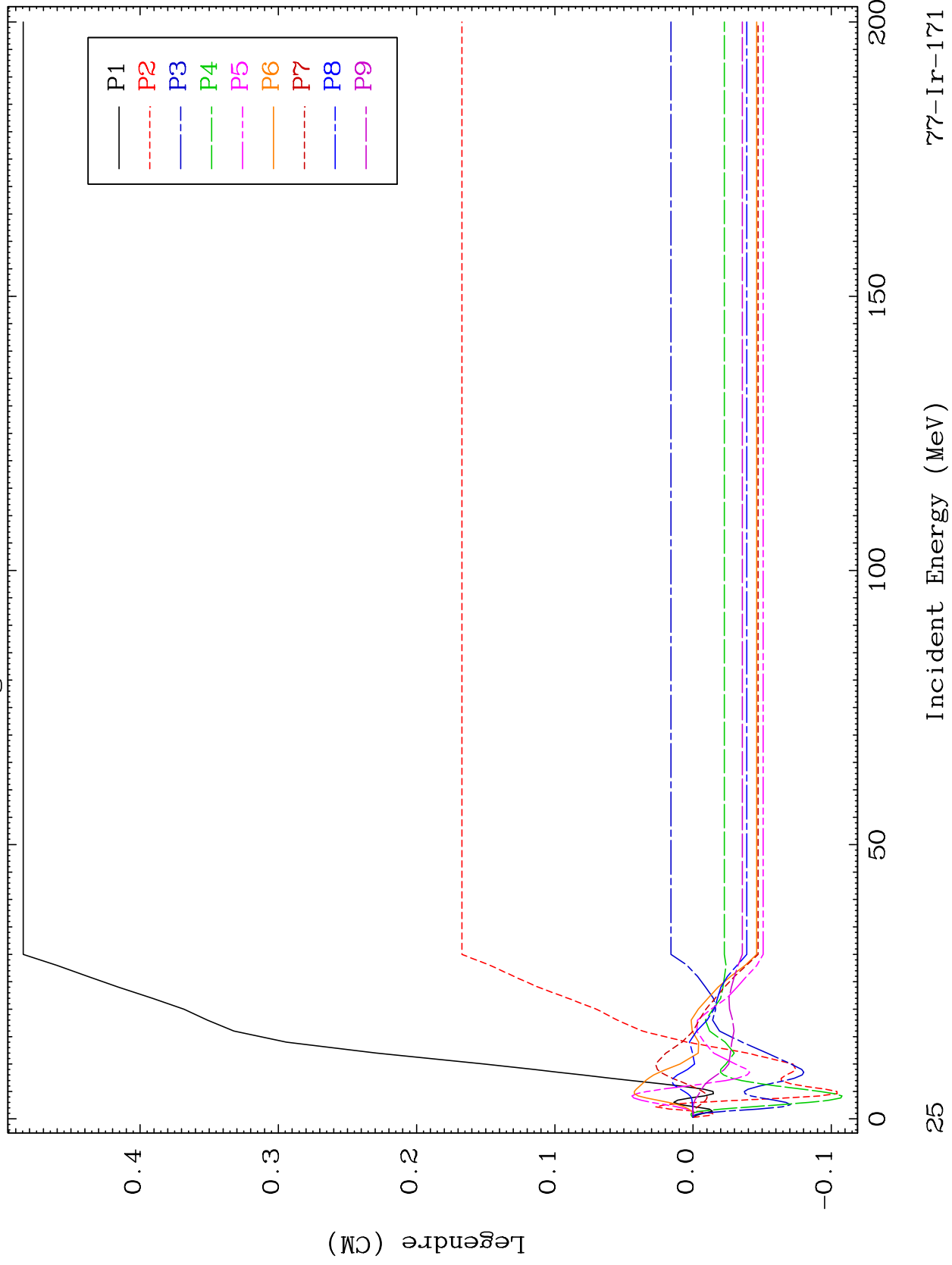




MAT 7665

262.7 keV (n,n') Level
Legendre Coefficients

77-Ir-171



77-Ir-171

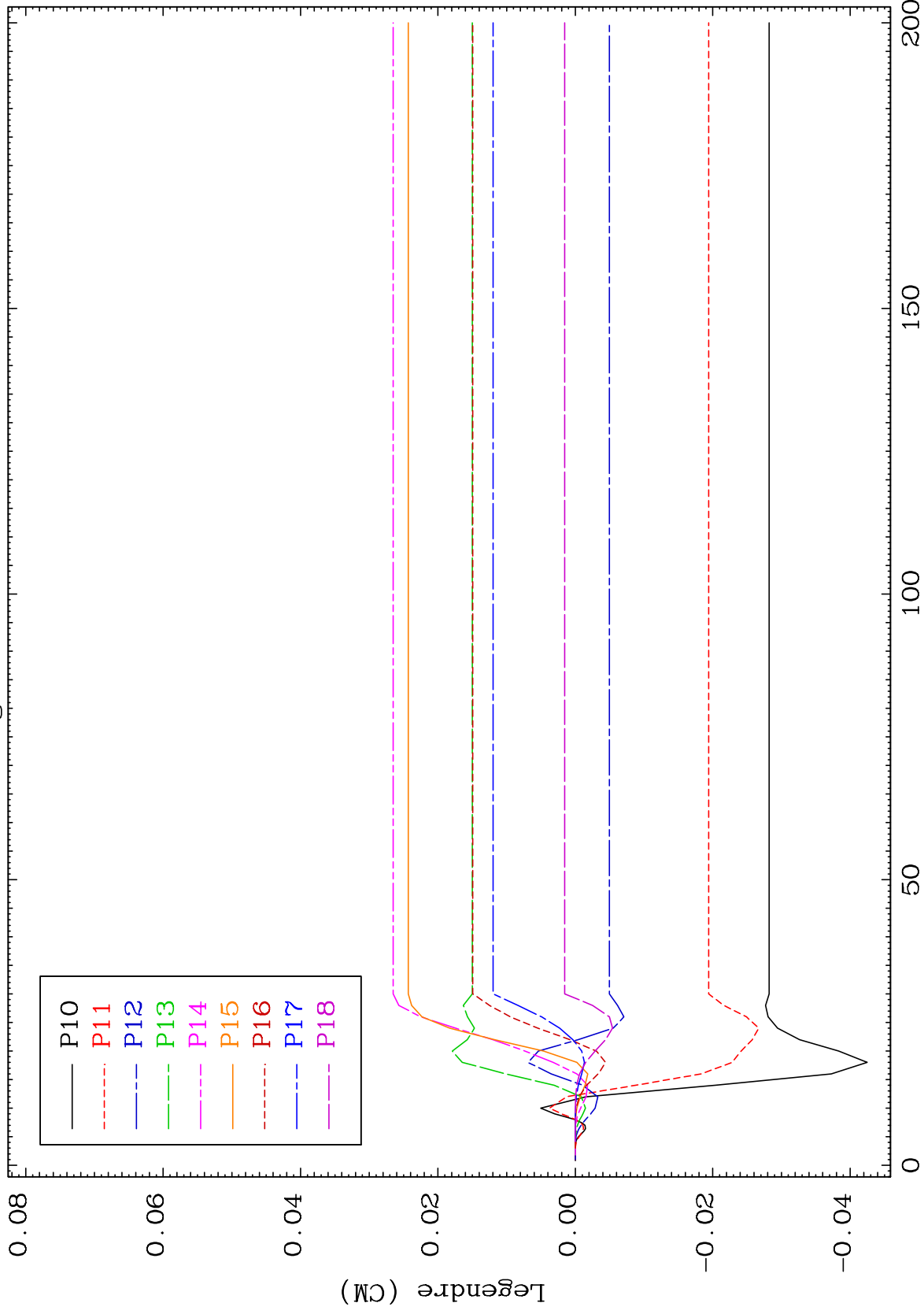
Incident Energy (MeV)

25

MAT 7665

262.7 keV (n,n') Level
Legendre Coefficients

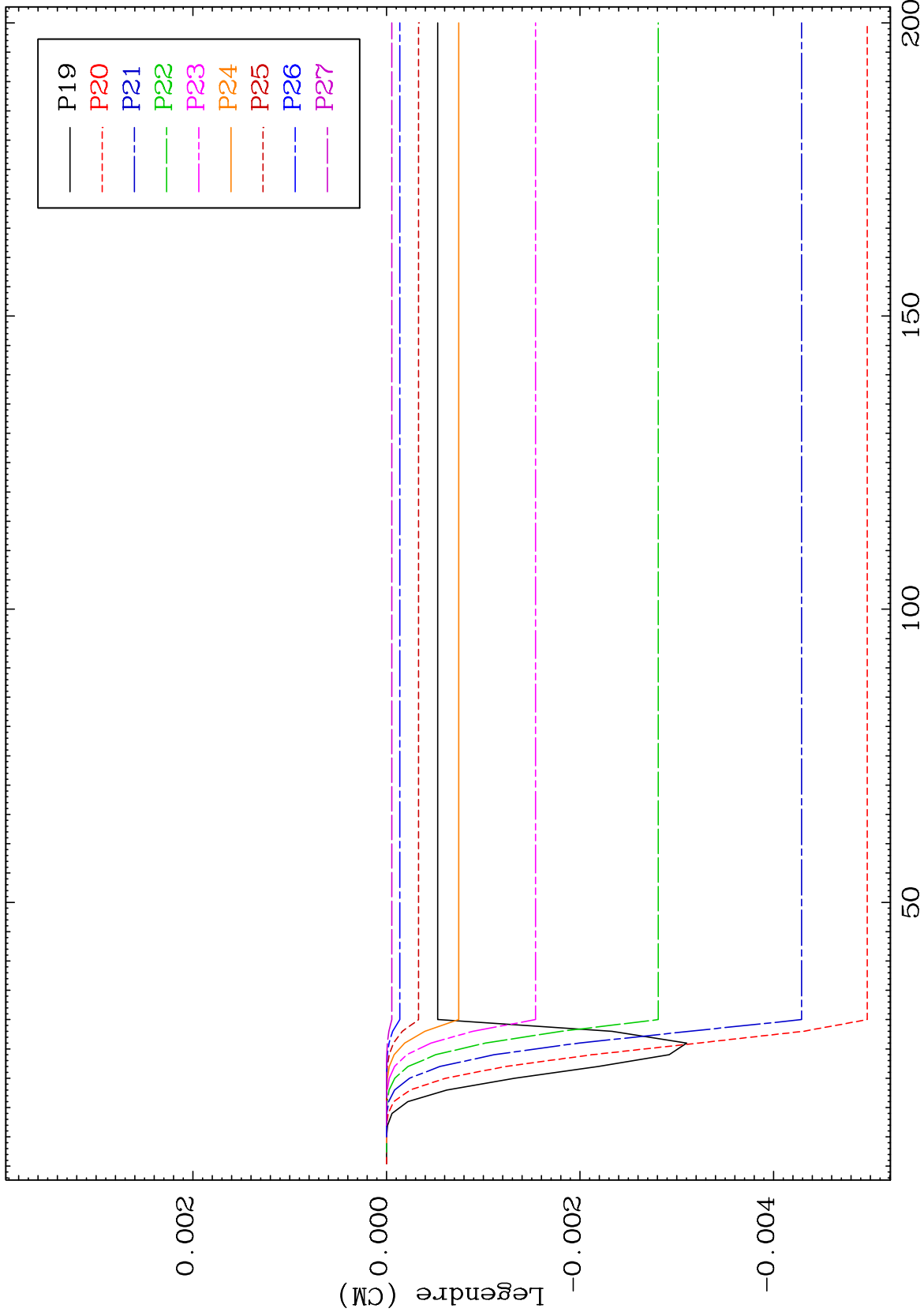
77-Ir-171

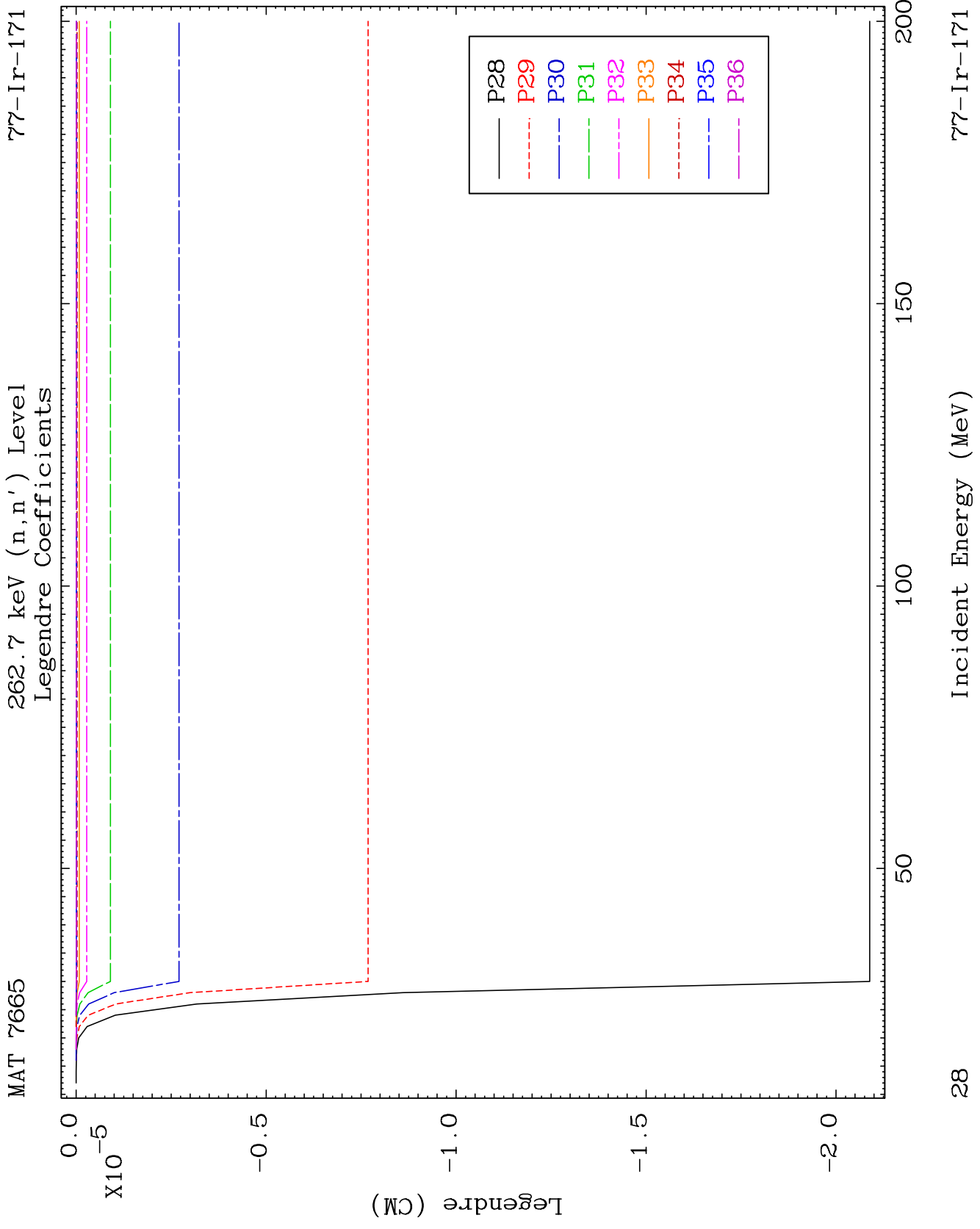


26

Incident Energy (MeV)

77-Ir-171

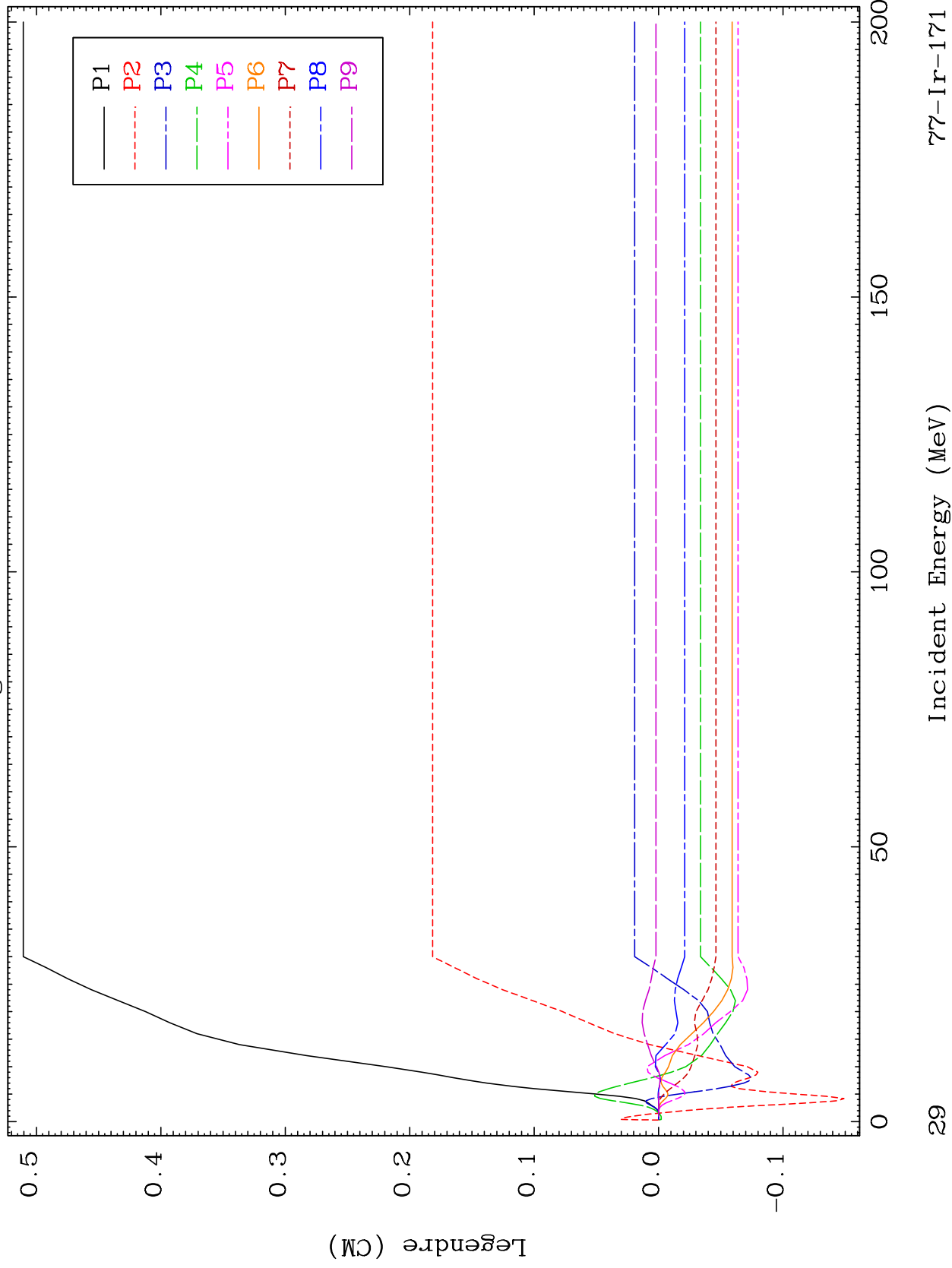




MAT 7665

279.7 keV (n,n') Level
Legendre Coefficients

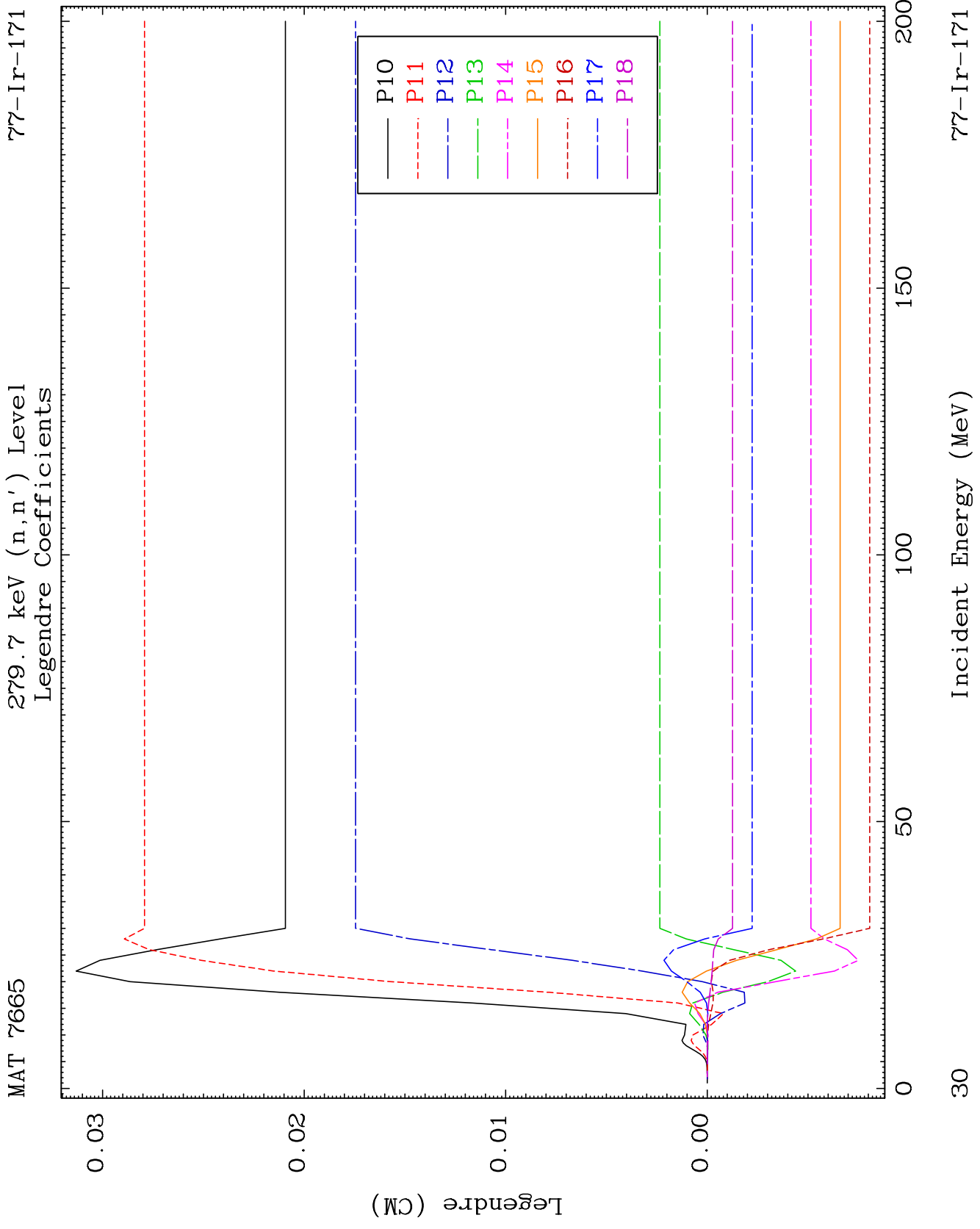
77-Ir-171



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Incident Energy (MeV)

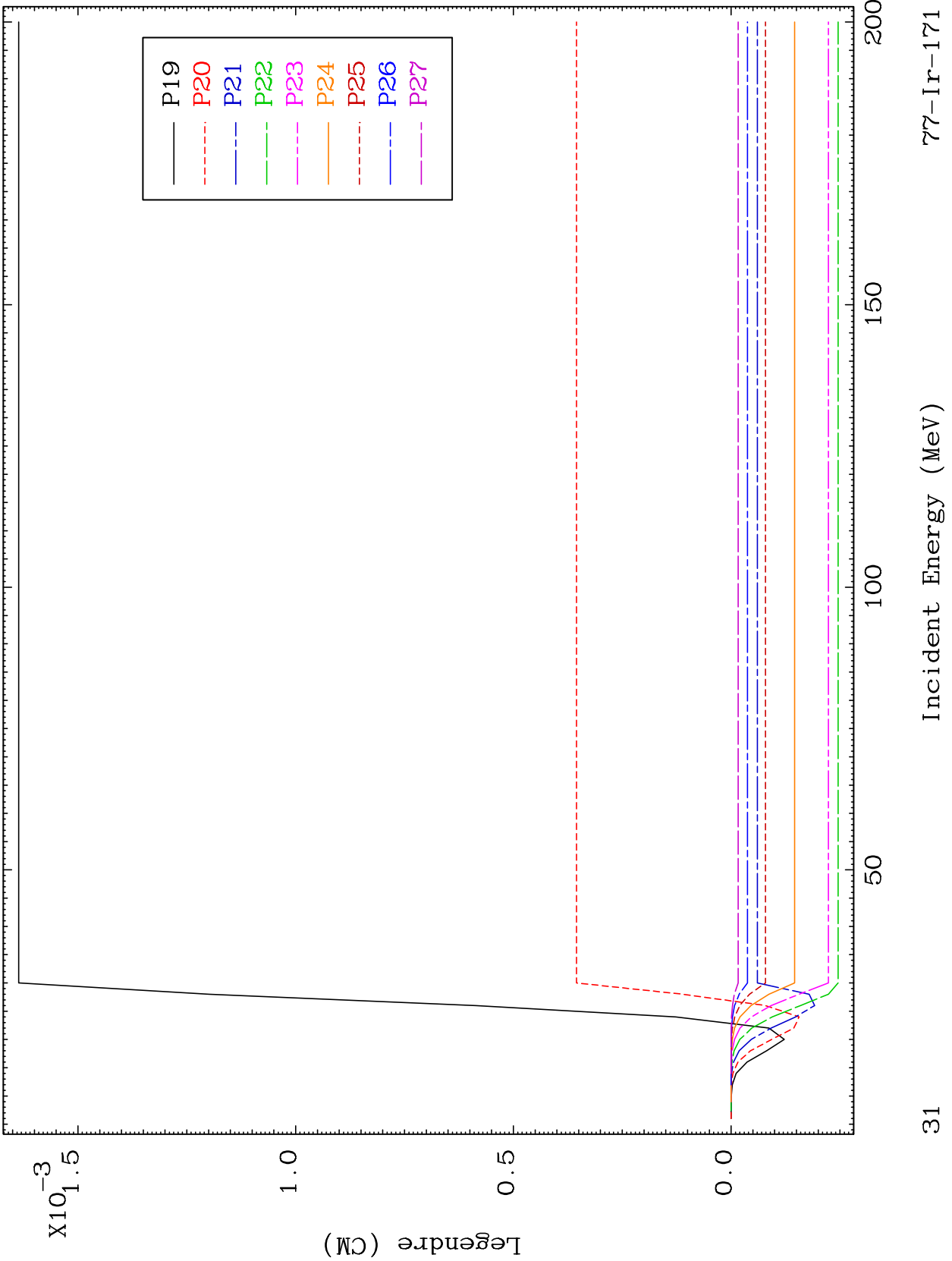
77-Ir-171

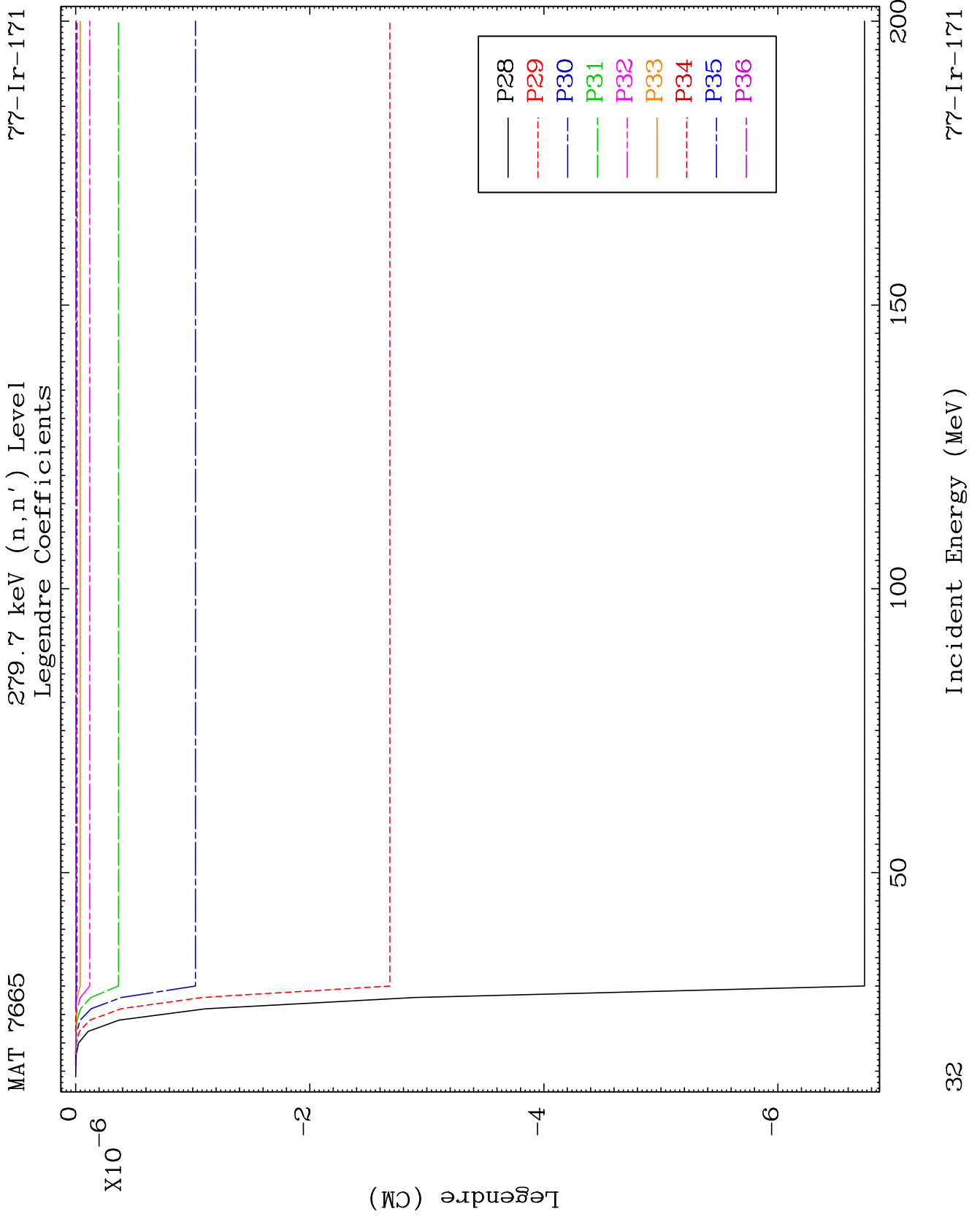


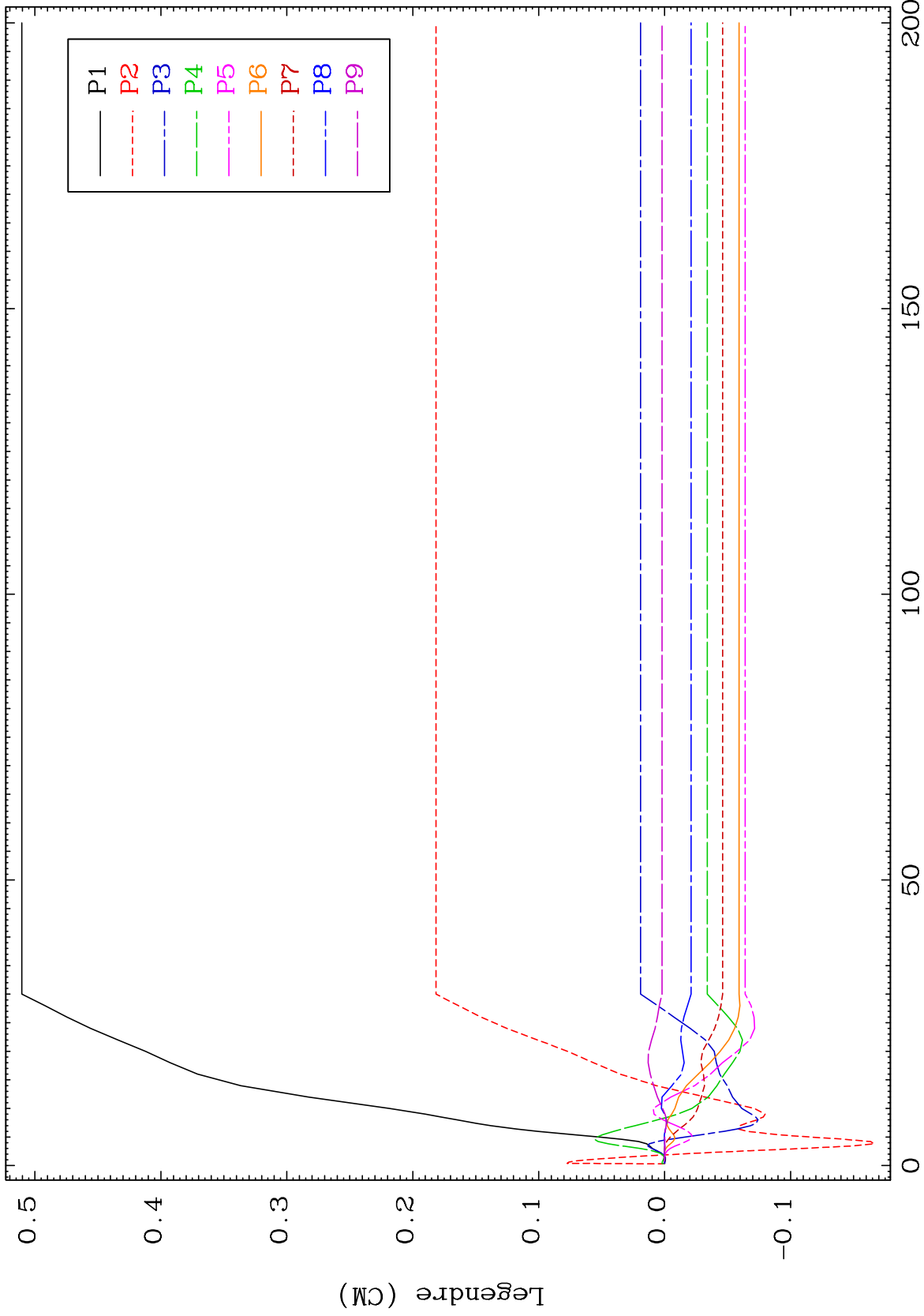
MAT 7665

279.7 keV (n,n') Level
Legendre Coefficients

77-Ir-171



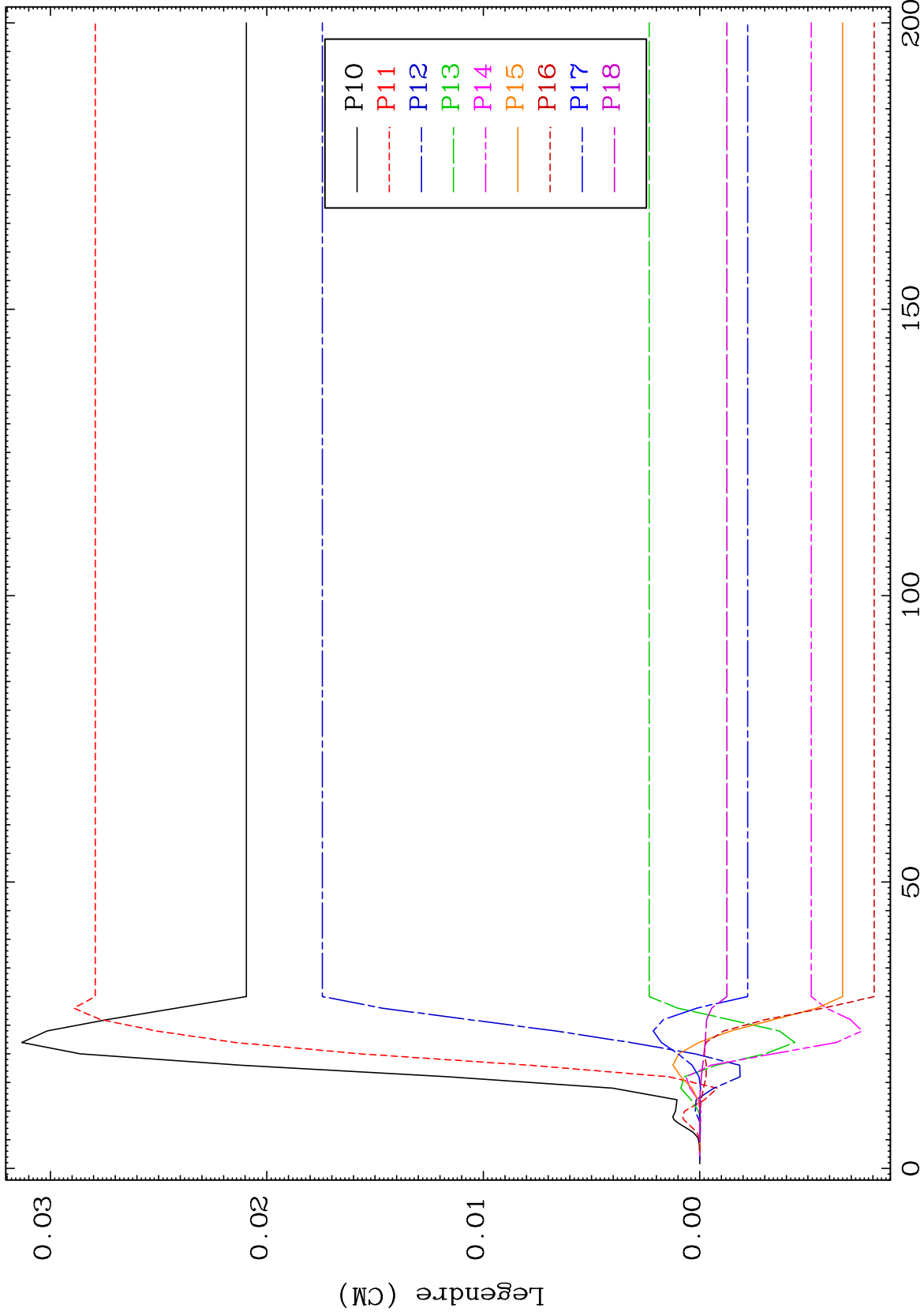




MAT 7665

296.8 keV (n,n') Level
Legendre Coefficients

77-Ir-171



34

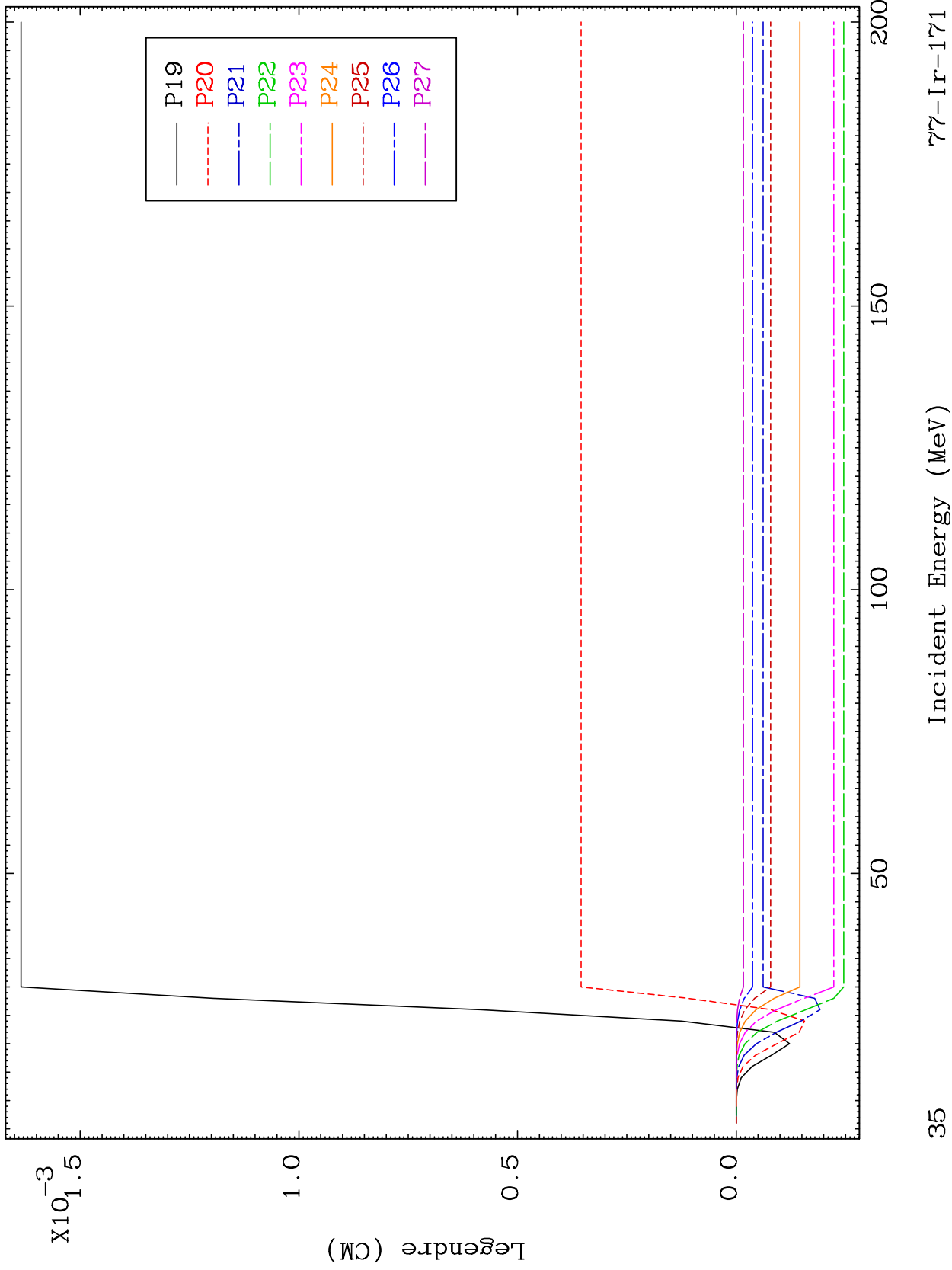
Incident Energy (MeV)

77-Ir-171

MAT 7665

296.8 keV (n,n') Level
Legendre Coefficients

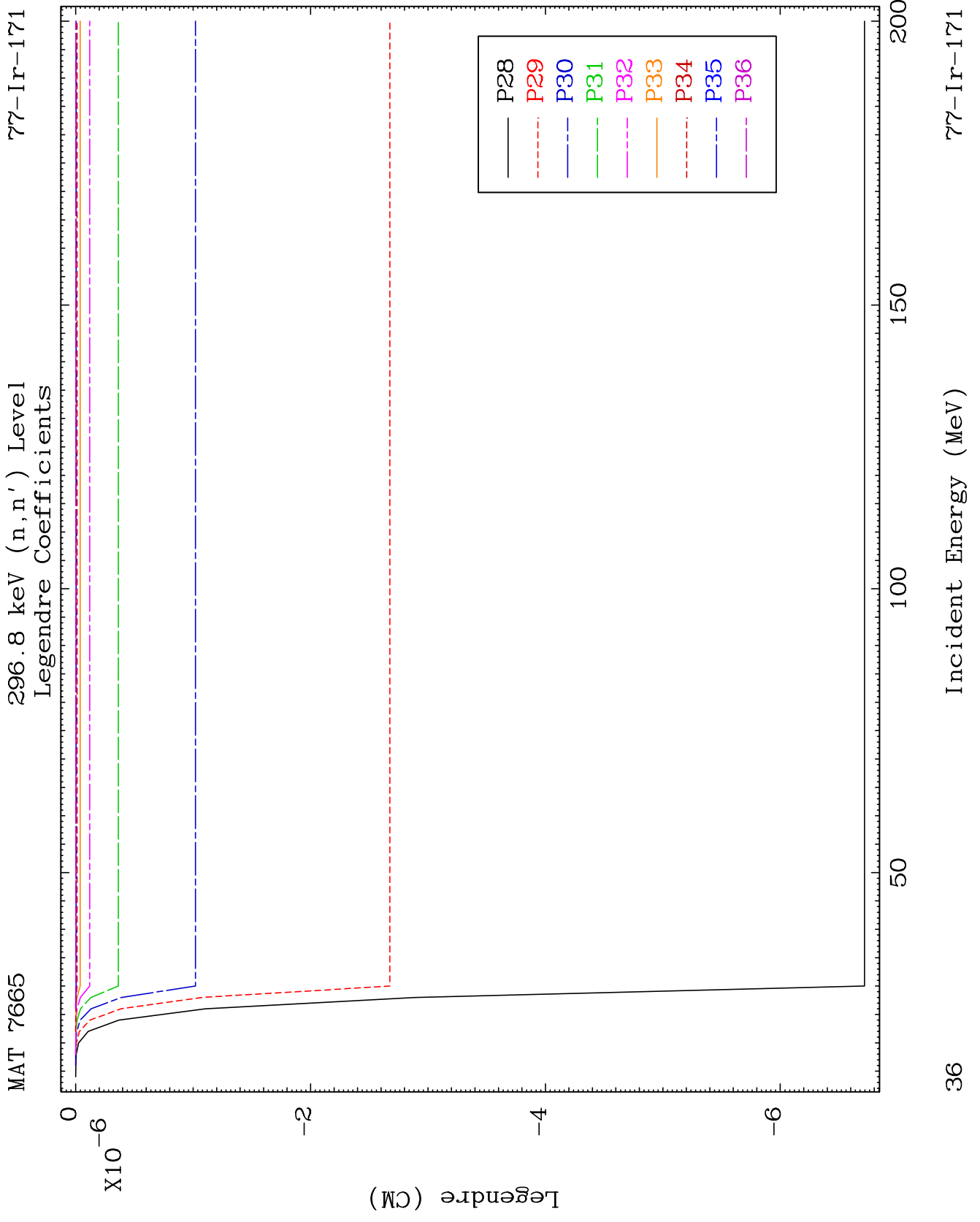
77-Ir-171



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Incident Energy (MeV)

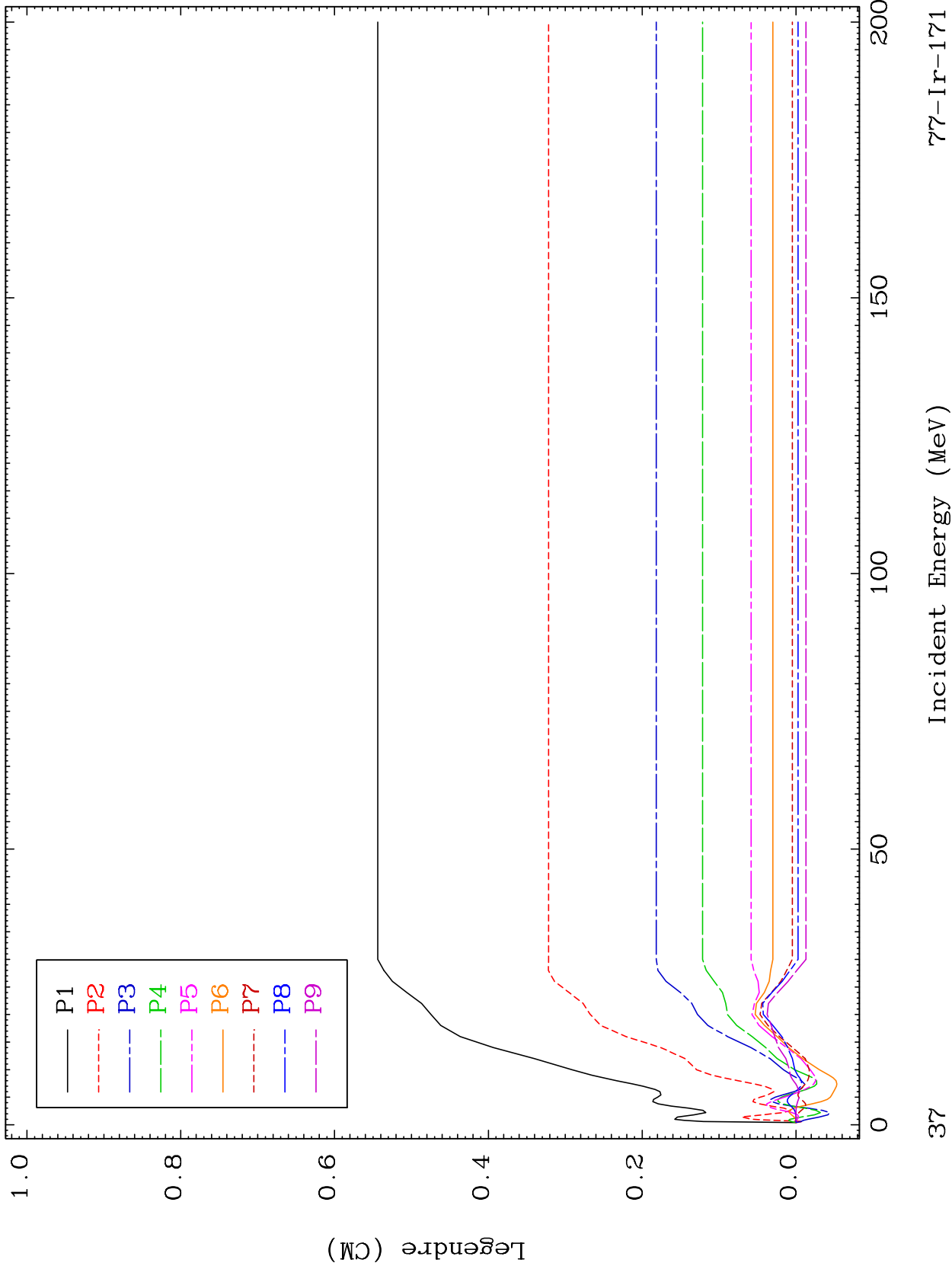
77-Ir-171



MAT 7665

312.8 keV (n, n') Level
Legendre Coefficients

77-Ir-171



77-Ir-171

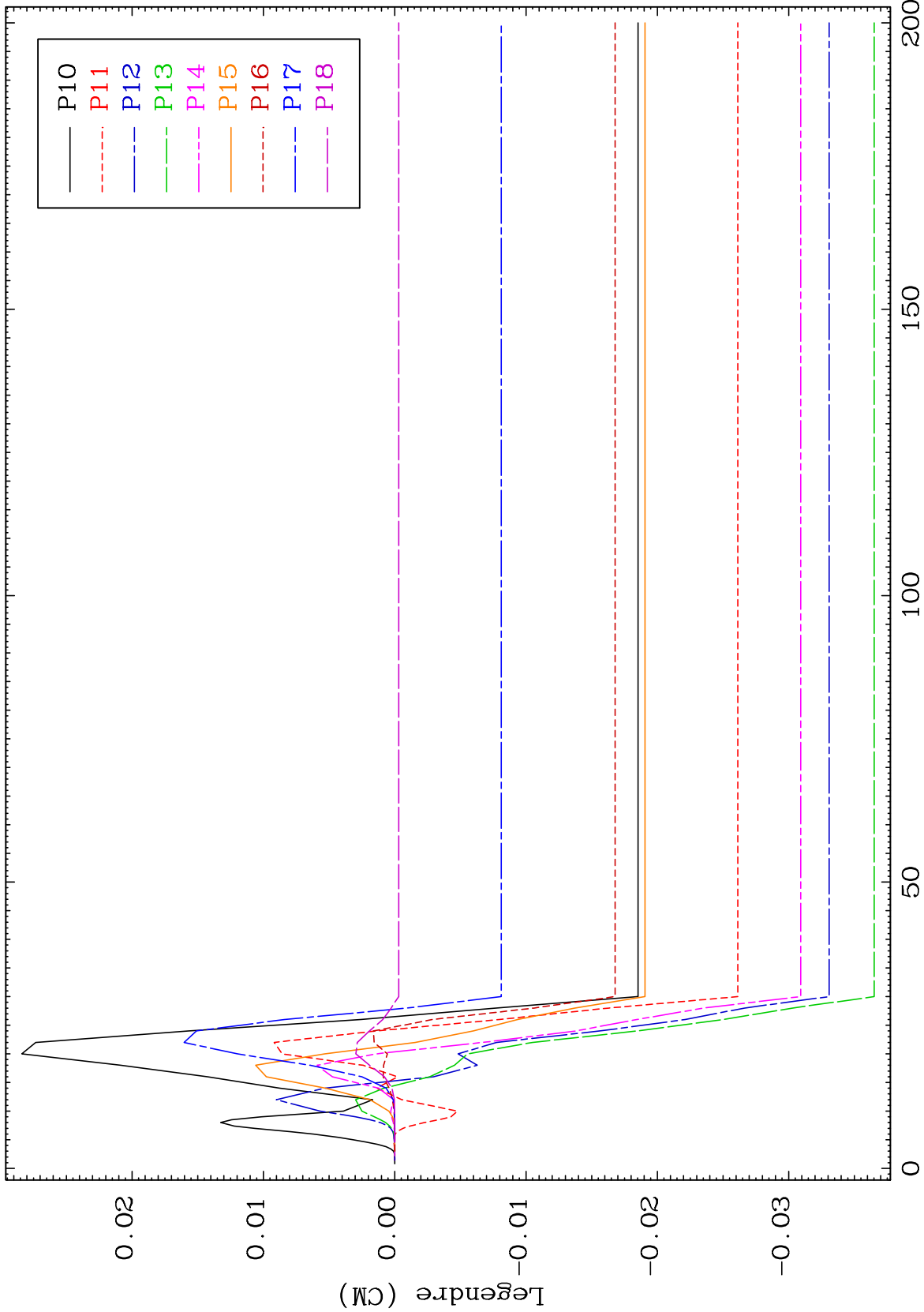
Incident Energy (MeV)

37

MAT 7665

312.8 keV (n,n') Level
Legendre Coefficients

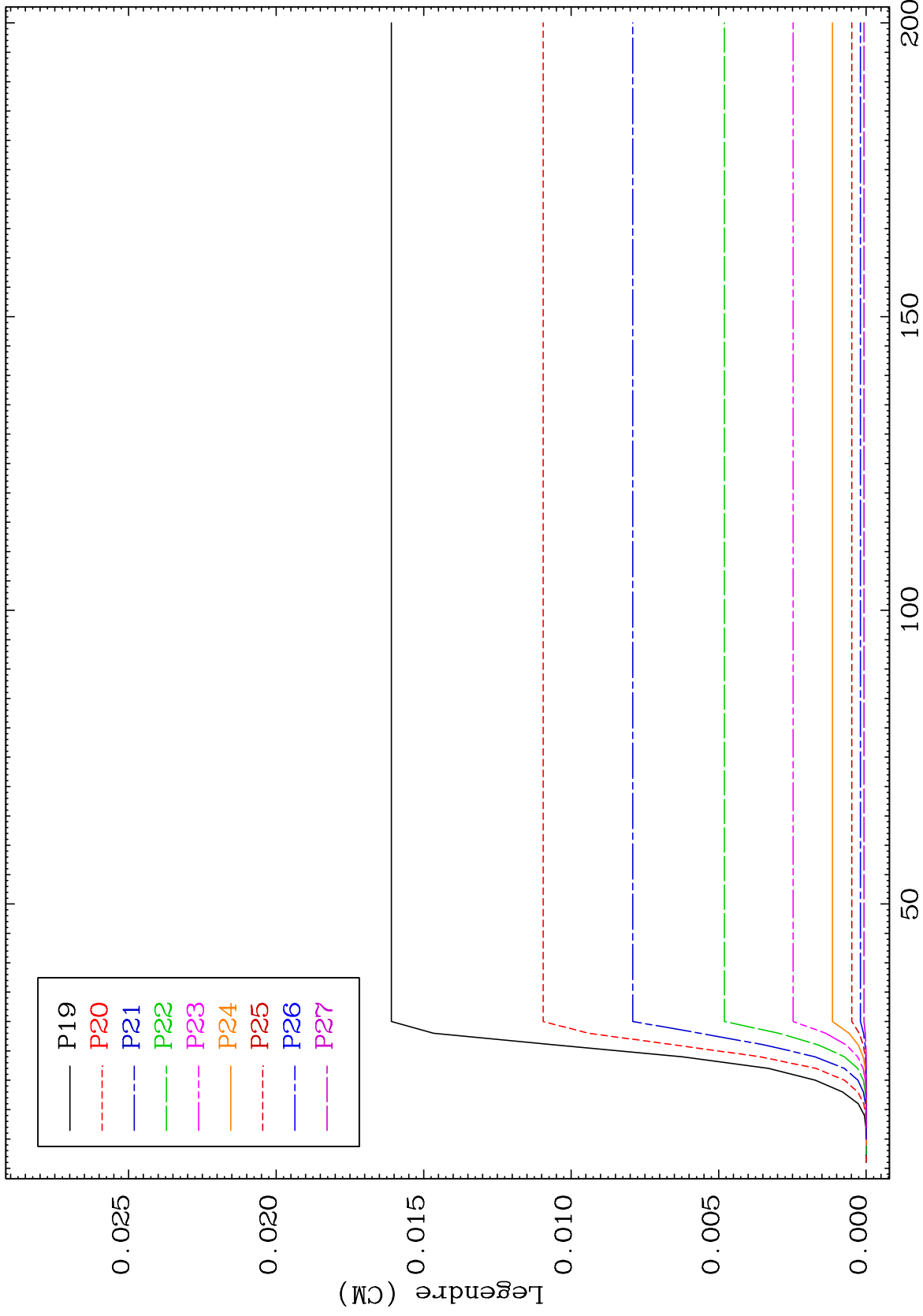
77-Ir-171



38

Incident Energy (MeV)

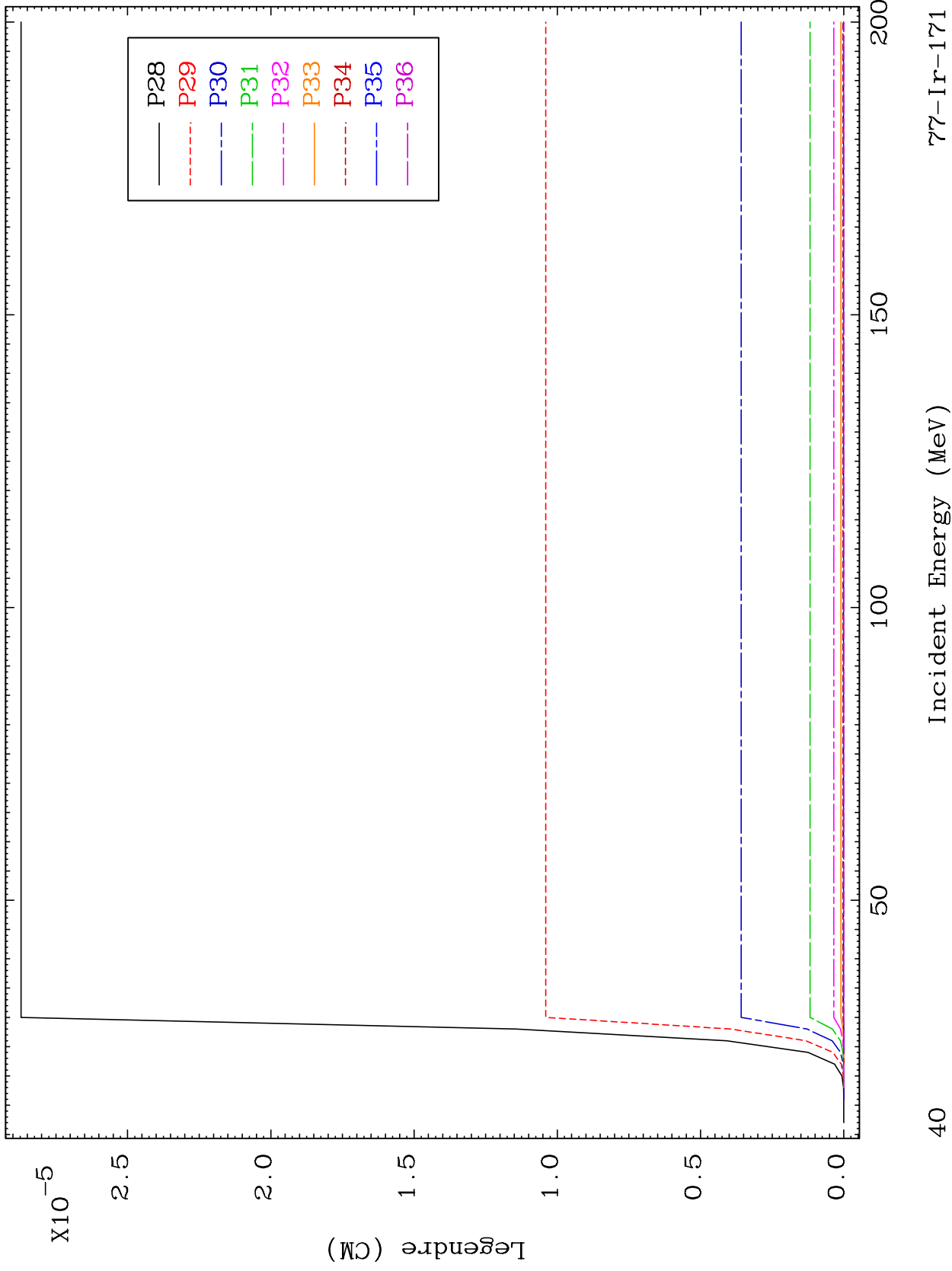
77-Ir-171

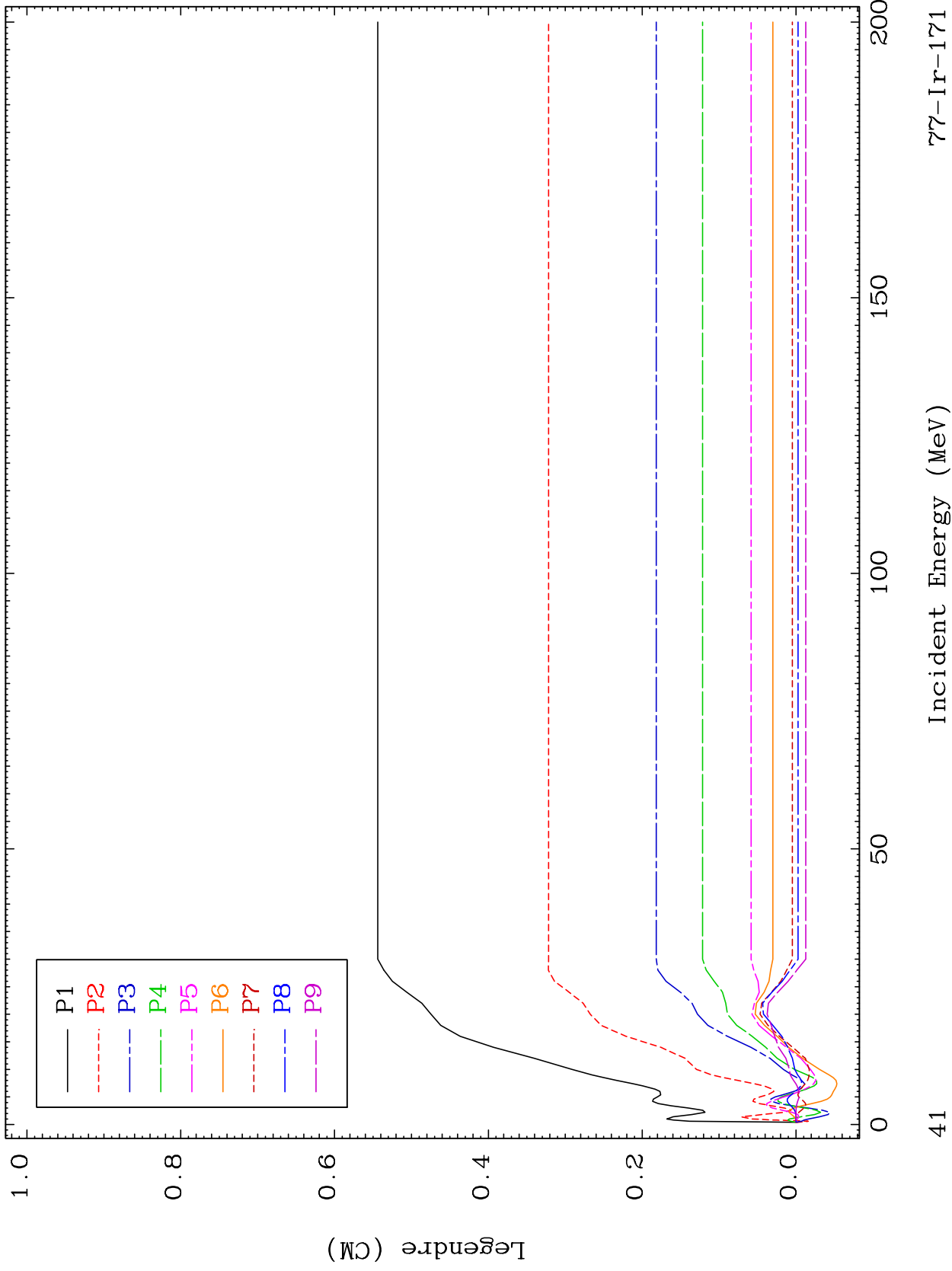


MAT 7665

312.8 keV (n,n') Level
Legendre Coefficients

77-Ir-171

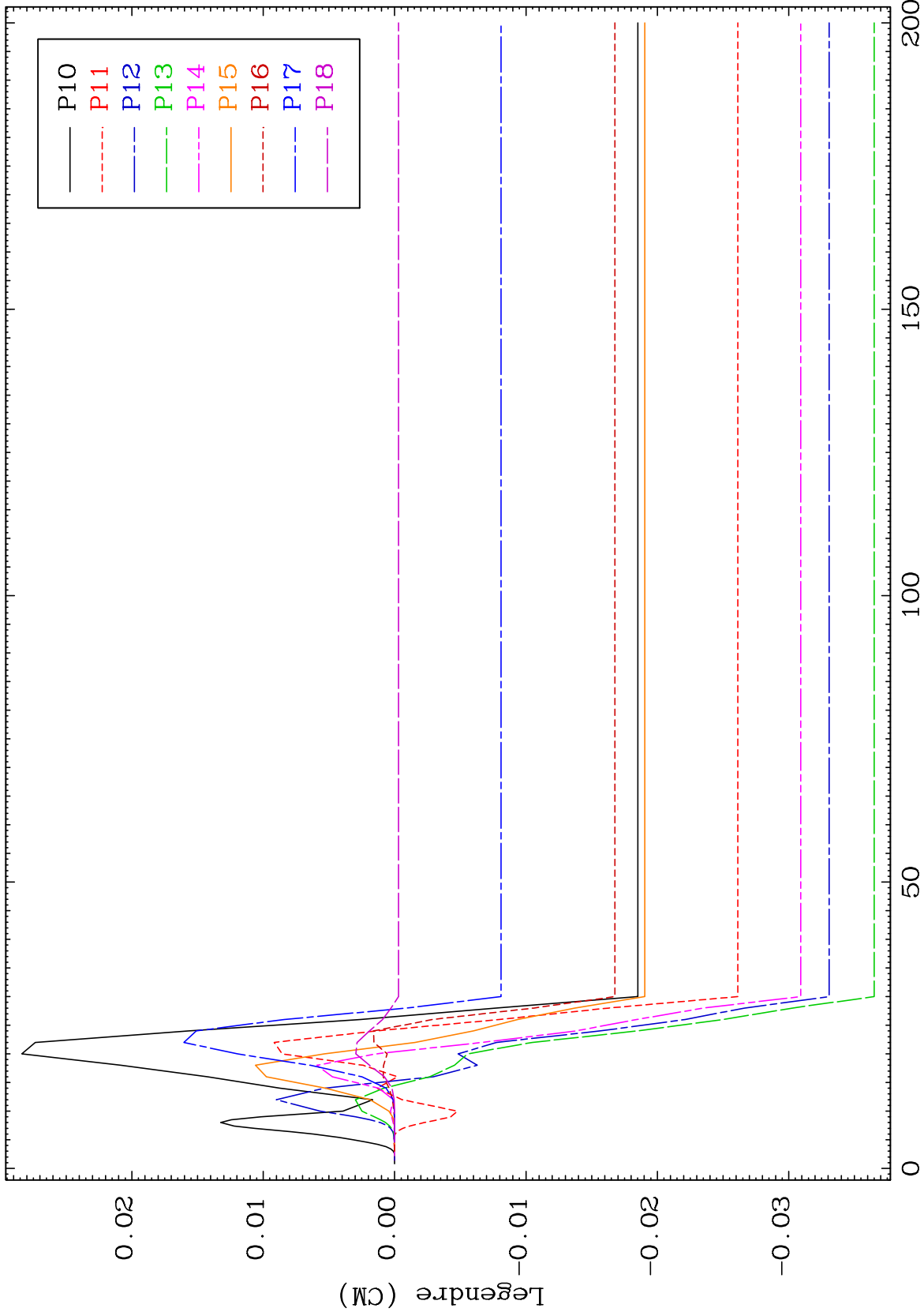




MAT 7665

321.1 keV (n,n') Level
Legendre Coefficients

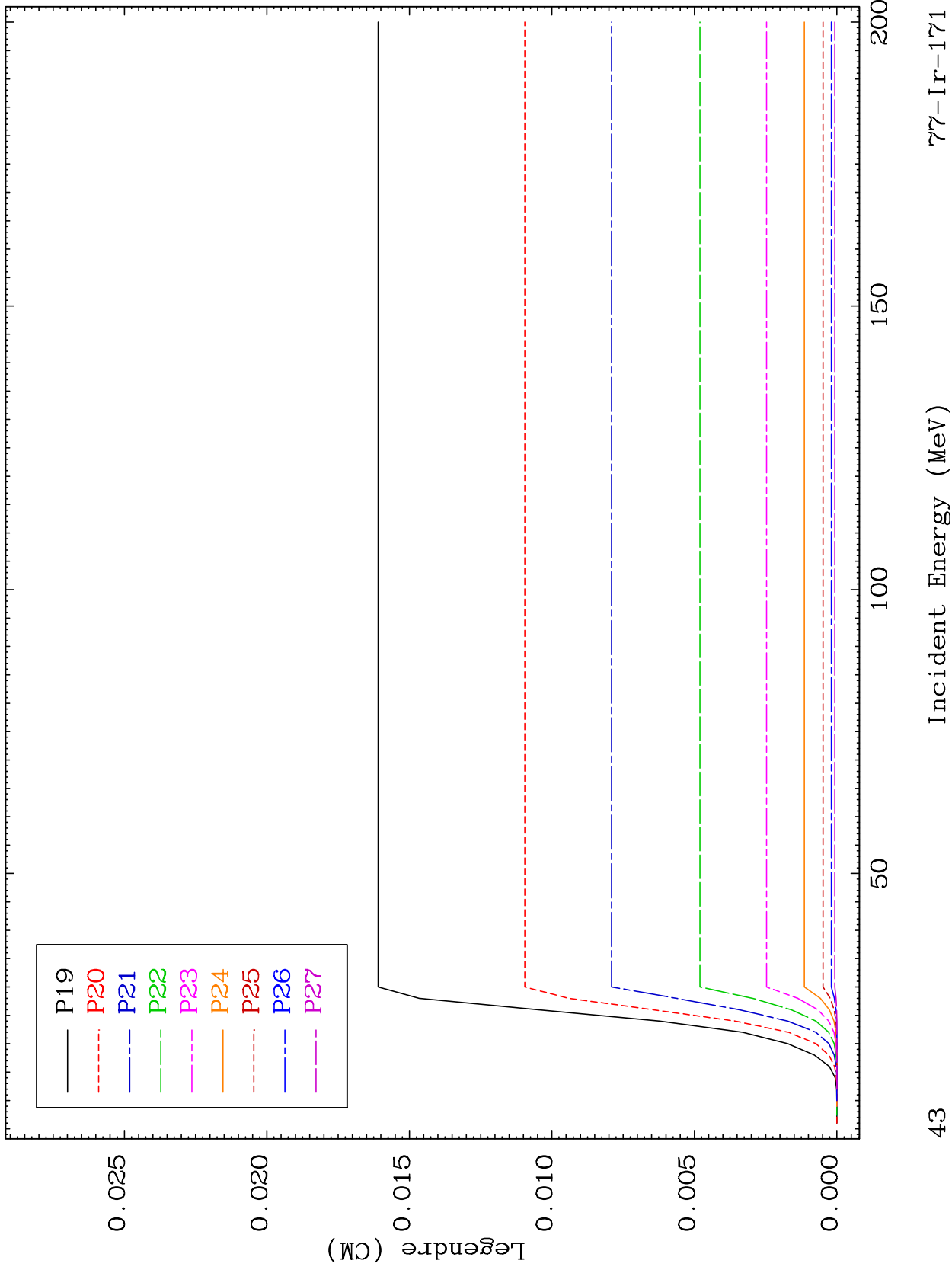
77-Ir-171

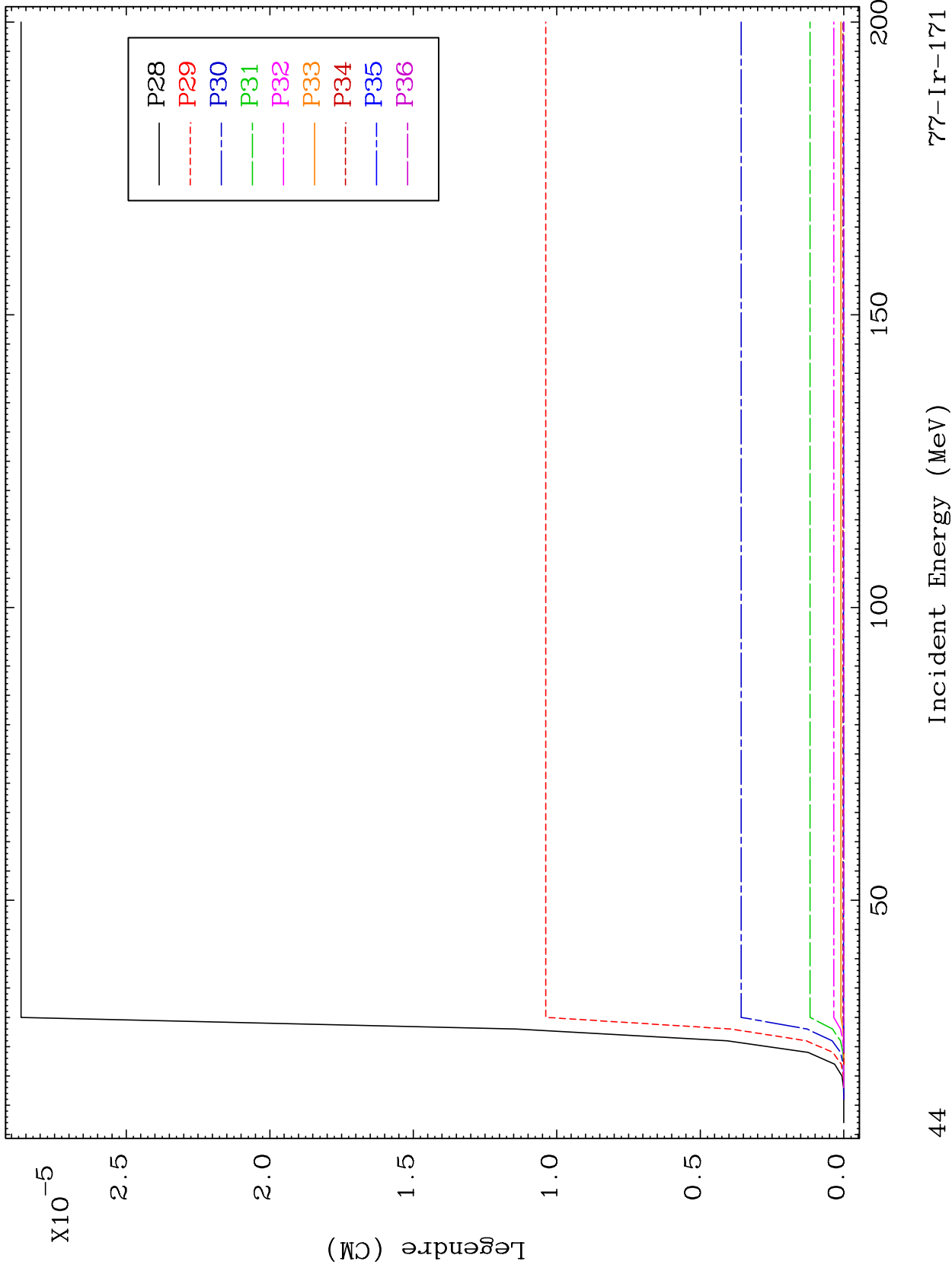


42

Incident Energy (MeV)

77-Ir-171

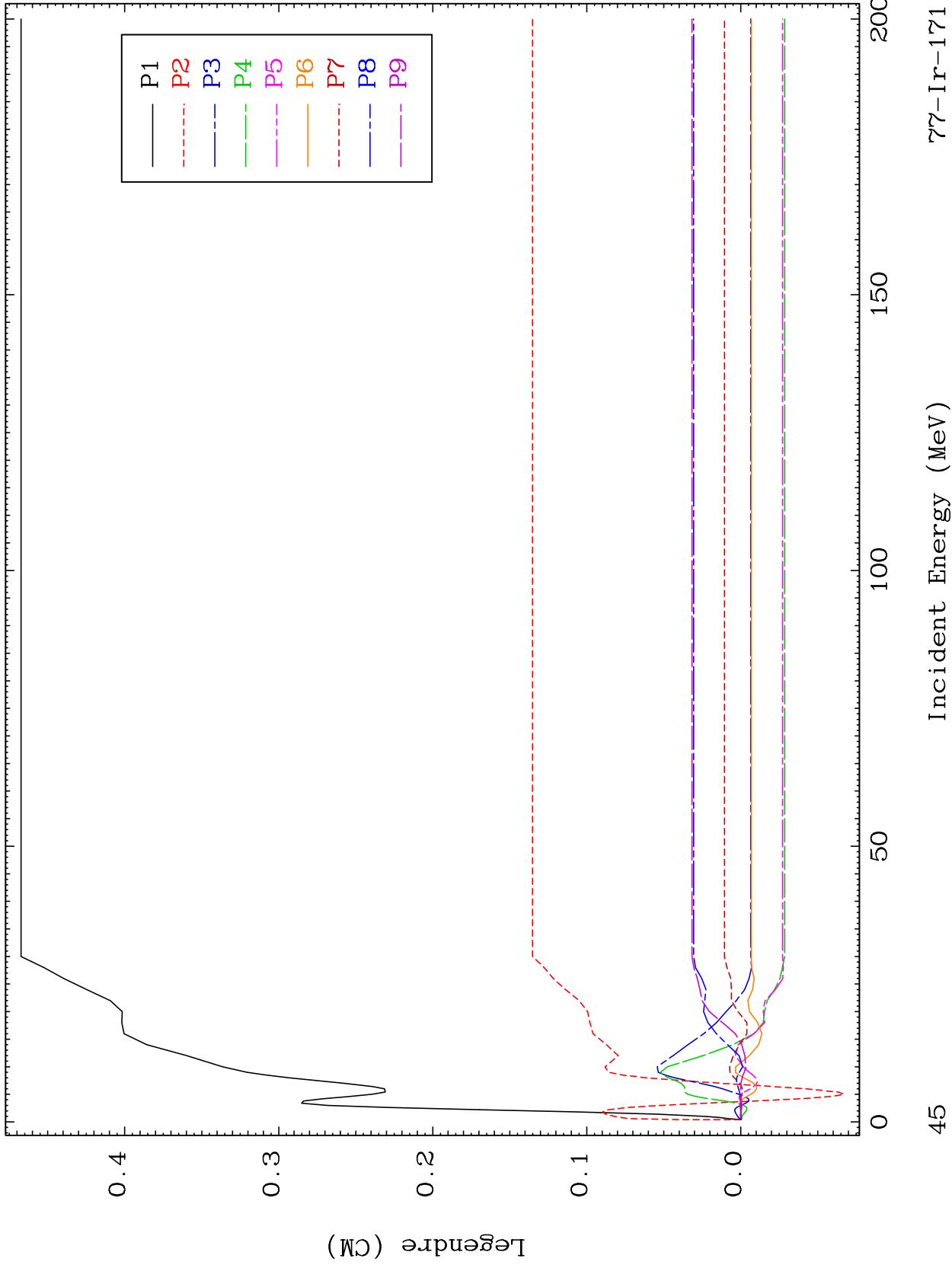




MAT 7665

391.4 keV (n,n') Level
Legendre Coefficients

77-Ir-171



77-Ir-171

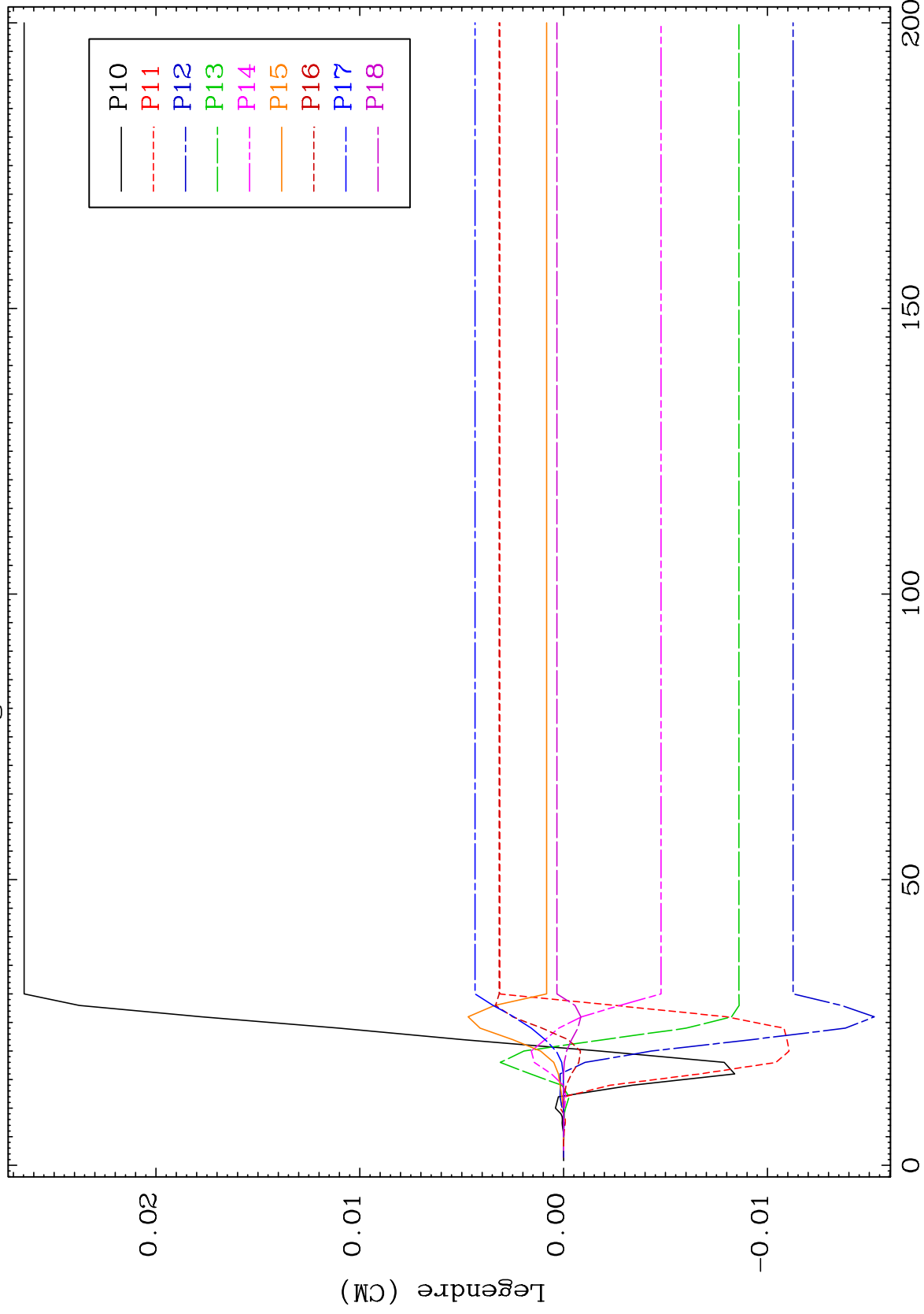
Incident Energy (MeV)

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MAT 7665

391.4 keV (n,n') Level
Legendre Coefficients

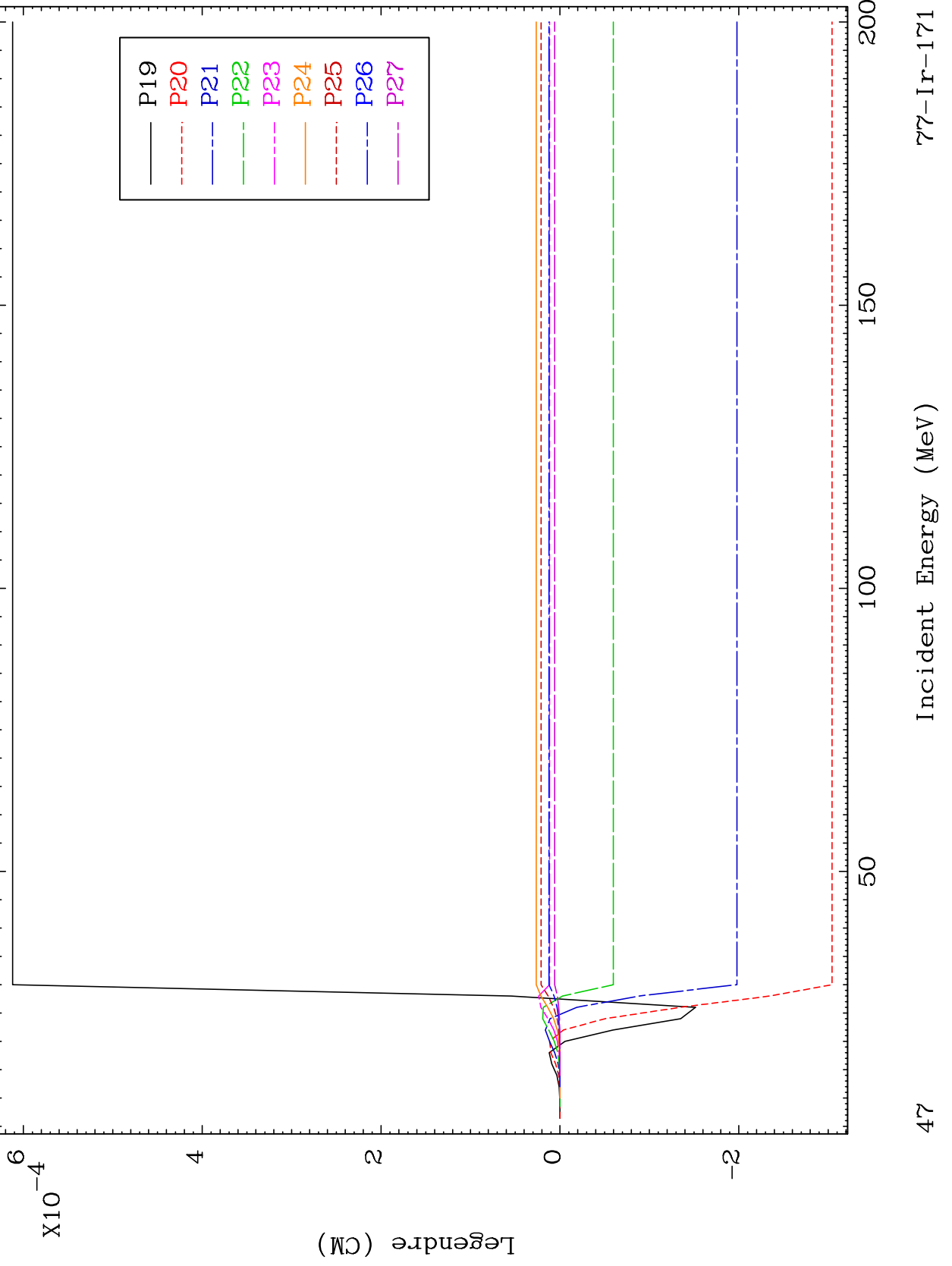
77-Ir-171



46

Incident Energy (MeV)

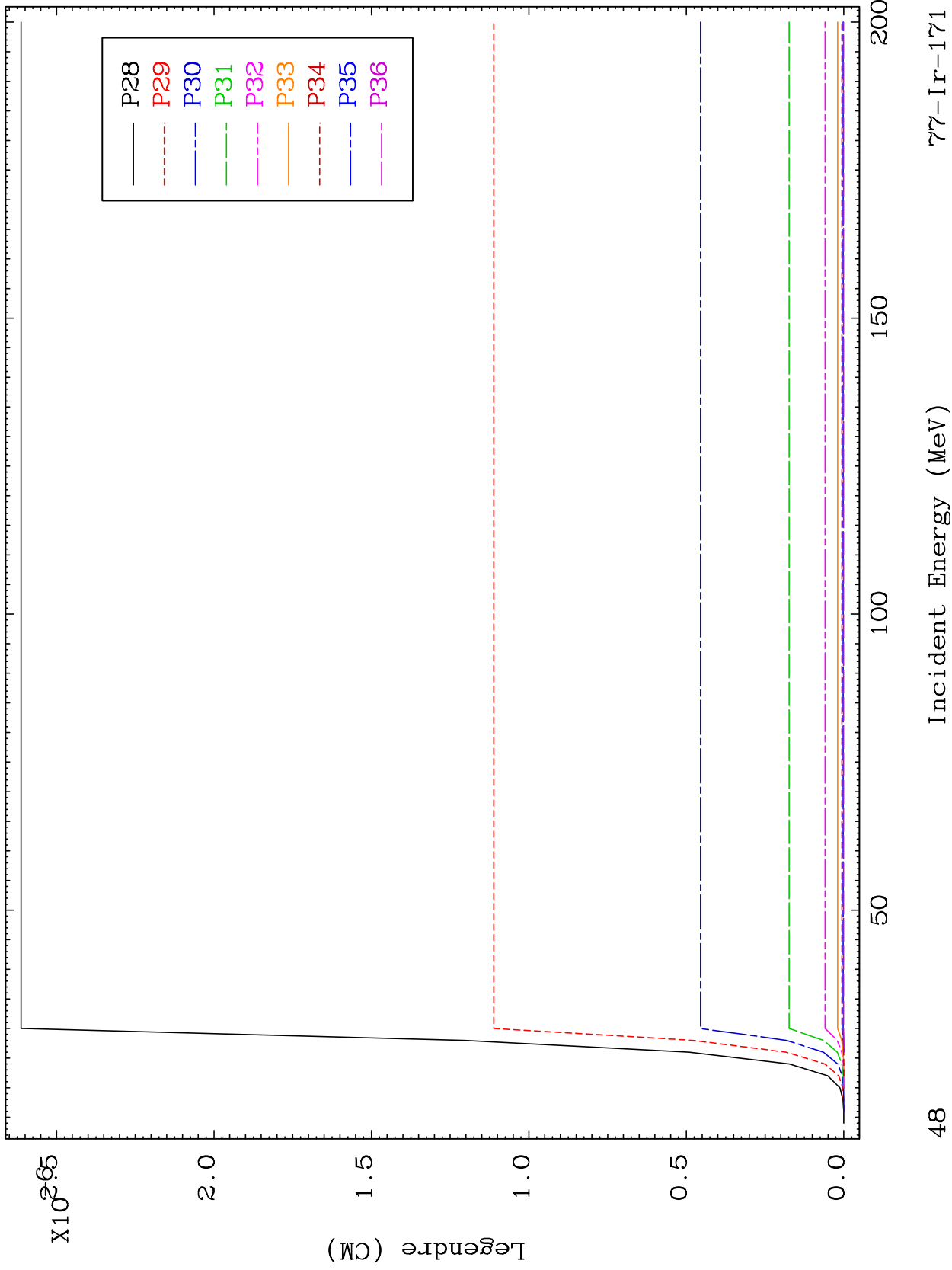
77-Ir-171



MAT 7665

391.4 keV (n,n') Level
Legendre Coefficients

77-Ir-171



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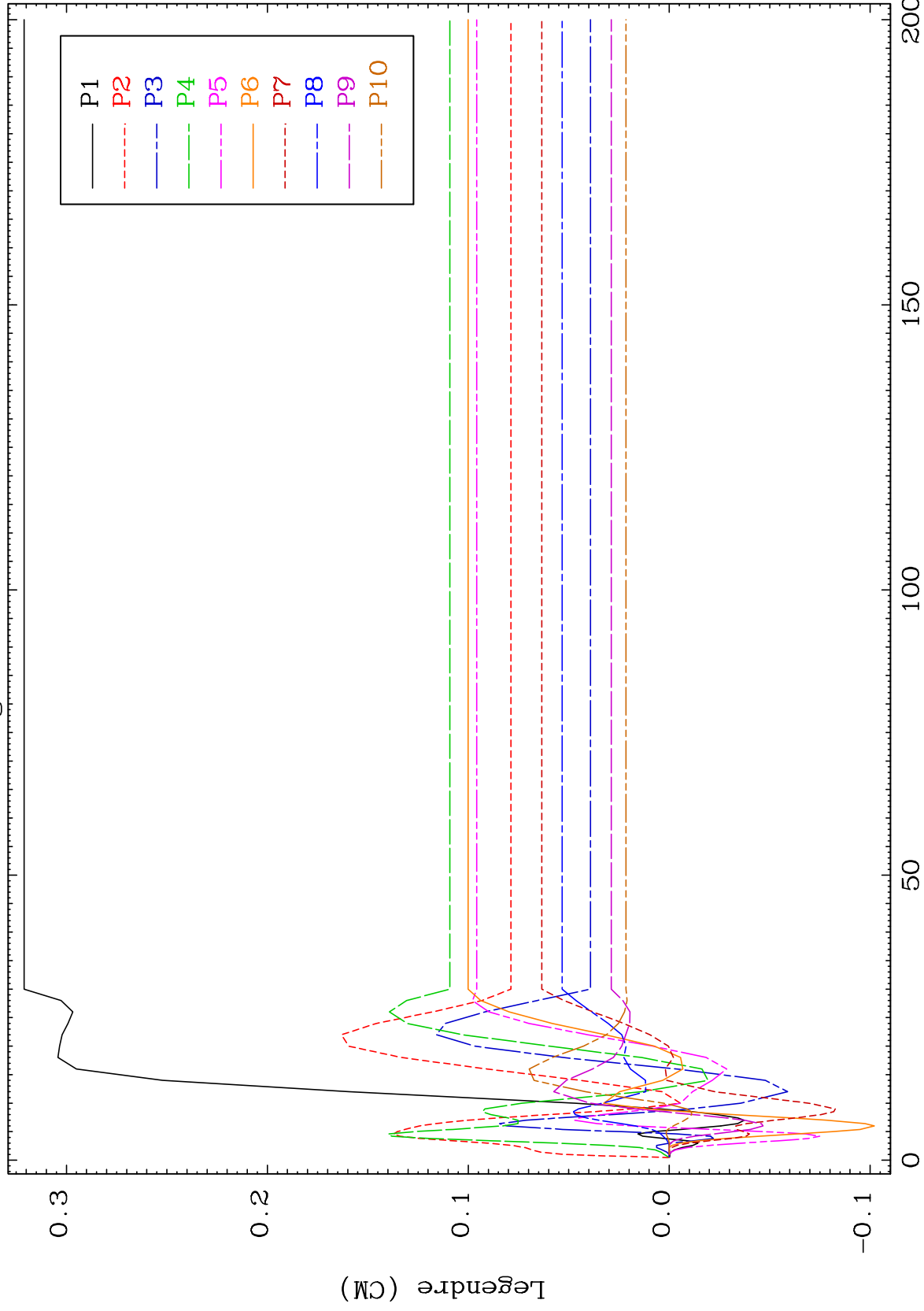
Incident Energy (MeV)

77-Ir-171

MAT 7665

434.0 keV (n,n') Level
Legendre Coefficients

77-Ir-171



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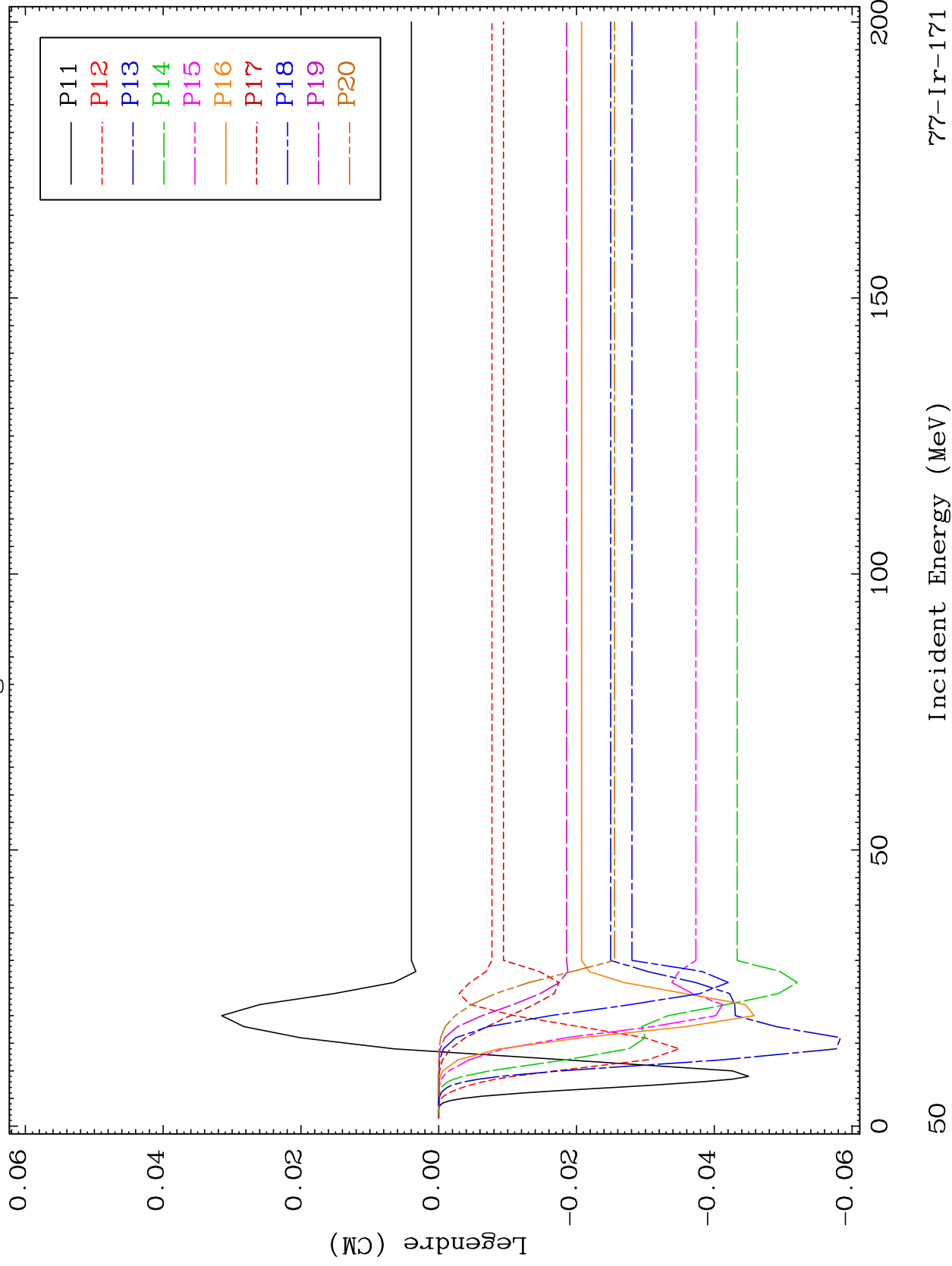
Incident Energy (MeV)

77-Ir-171

MAT 7665

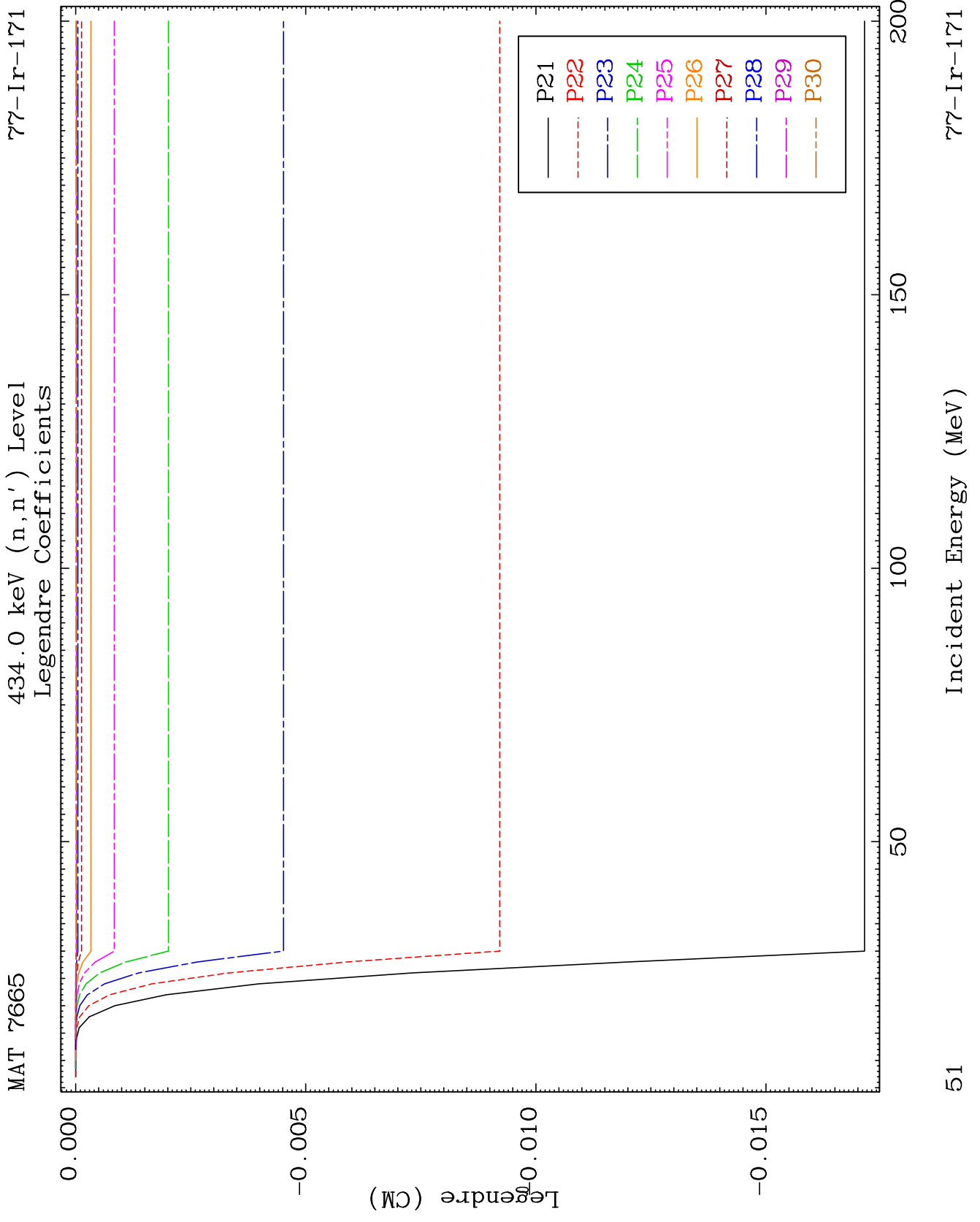
434.0 keV (n,n') Level
Legendre Coefficients

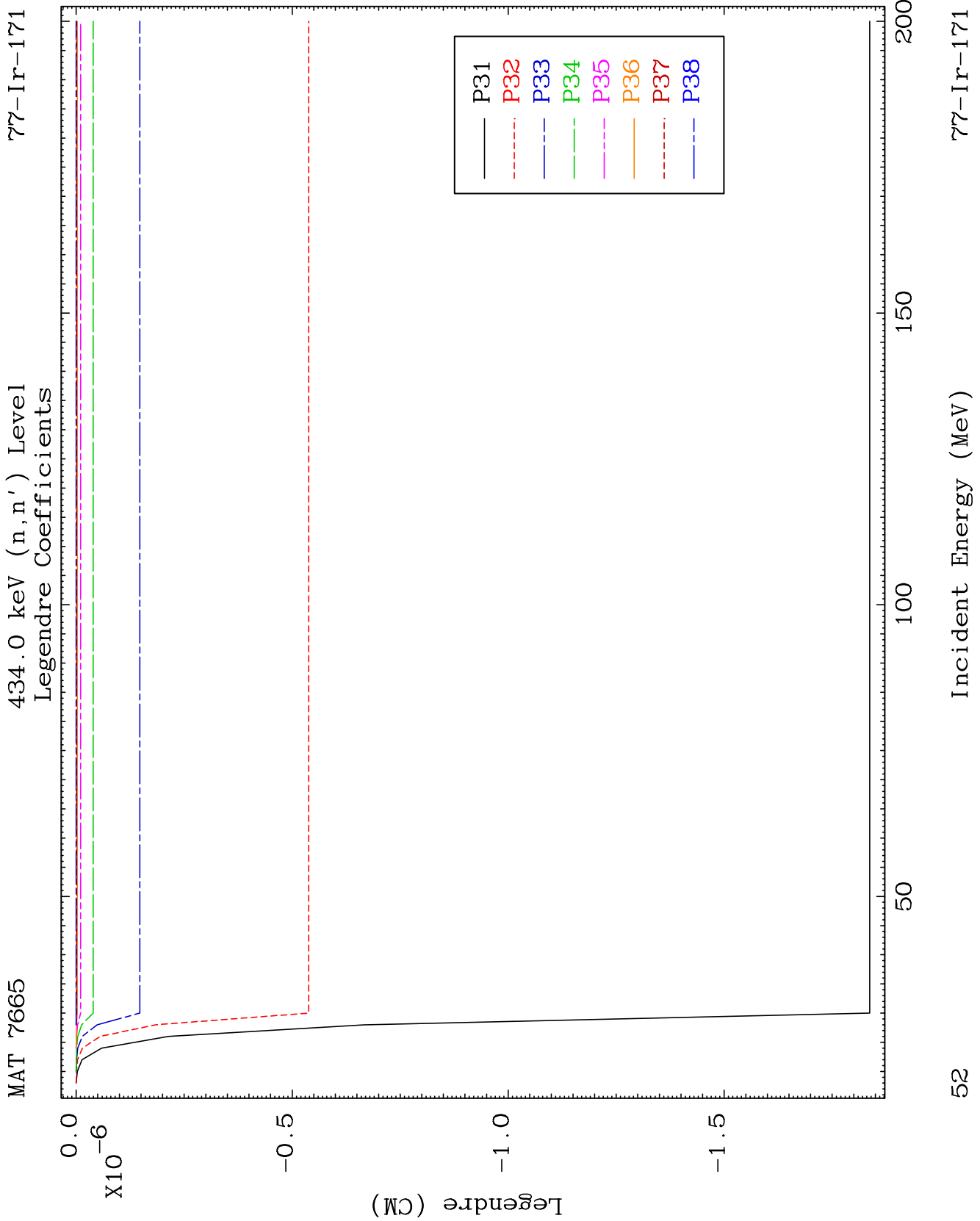
77-Ir-171

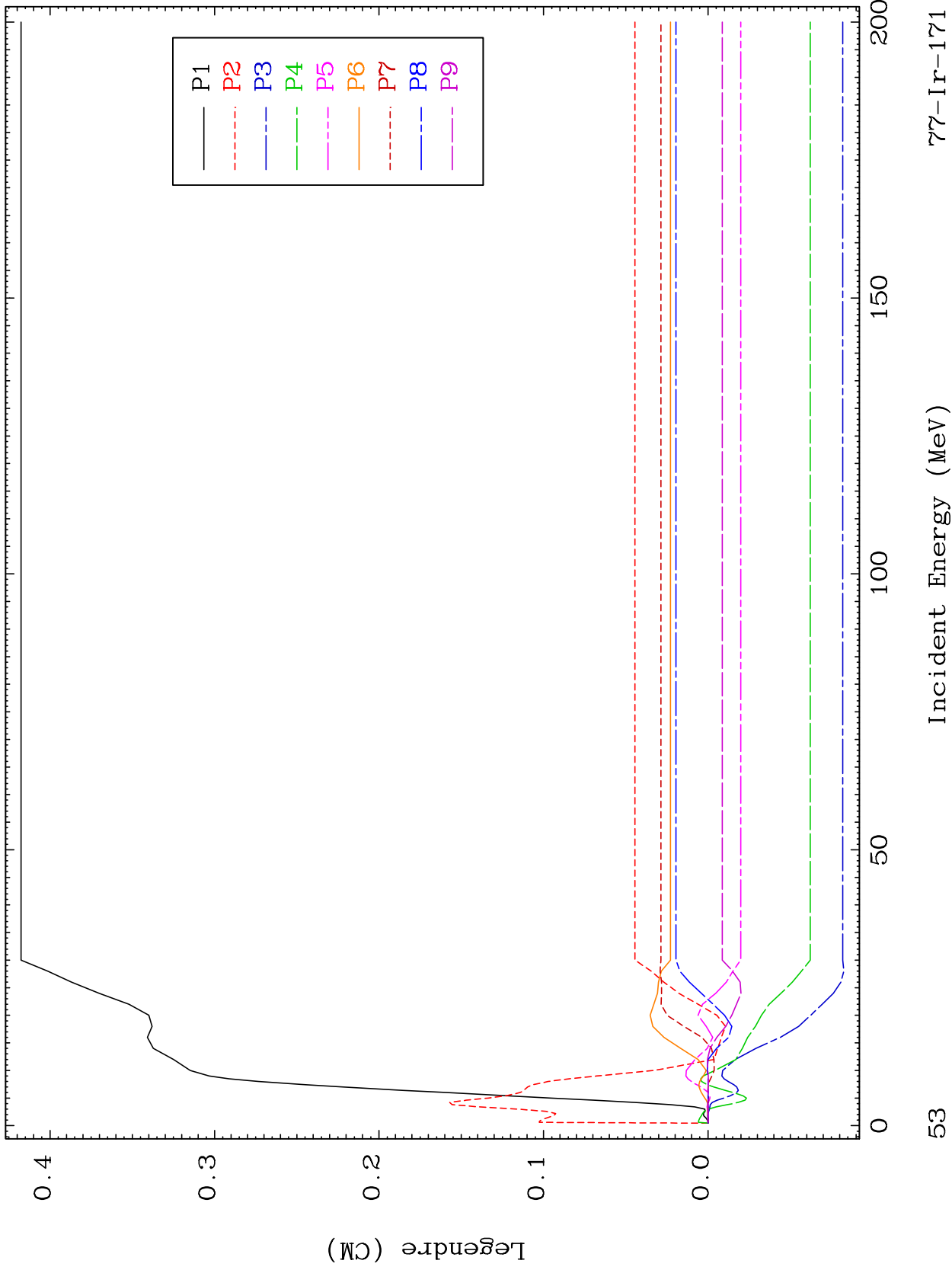


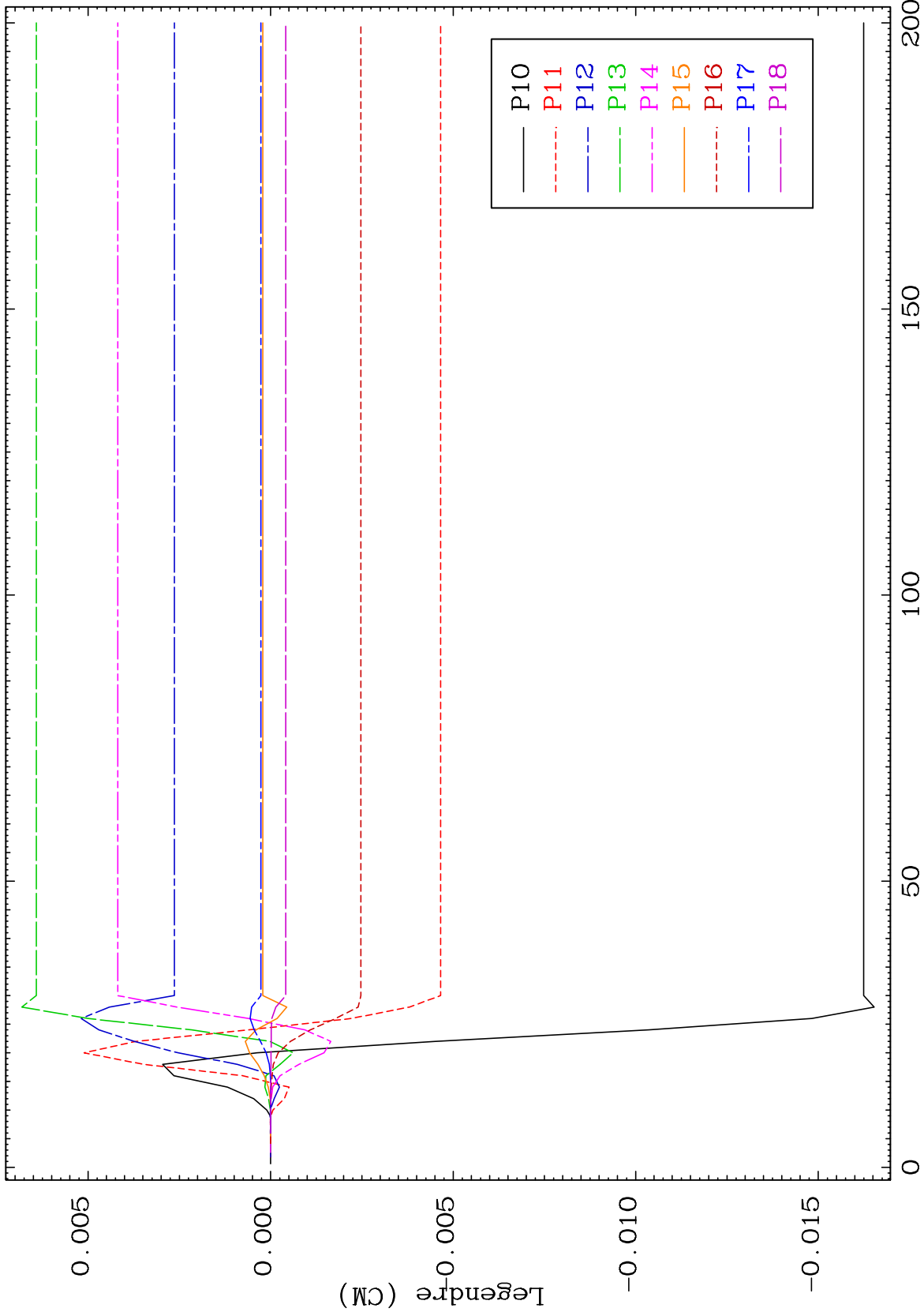
77-Ir-171

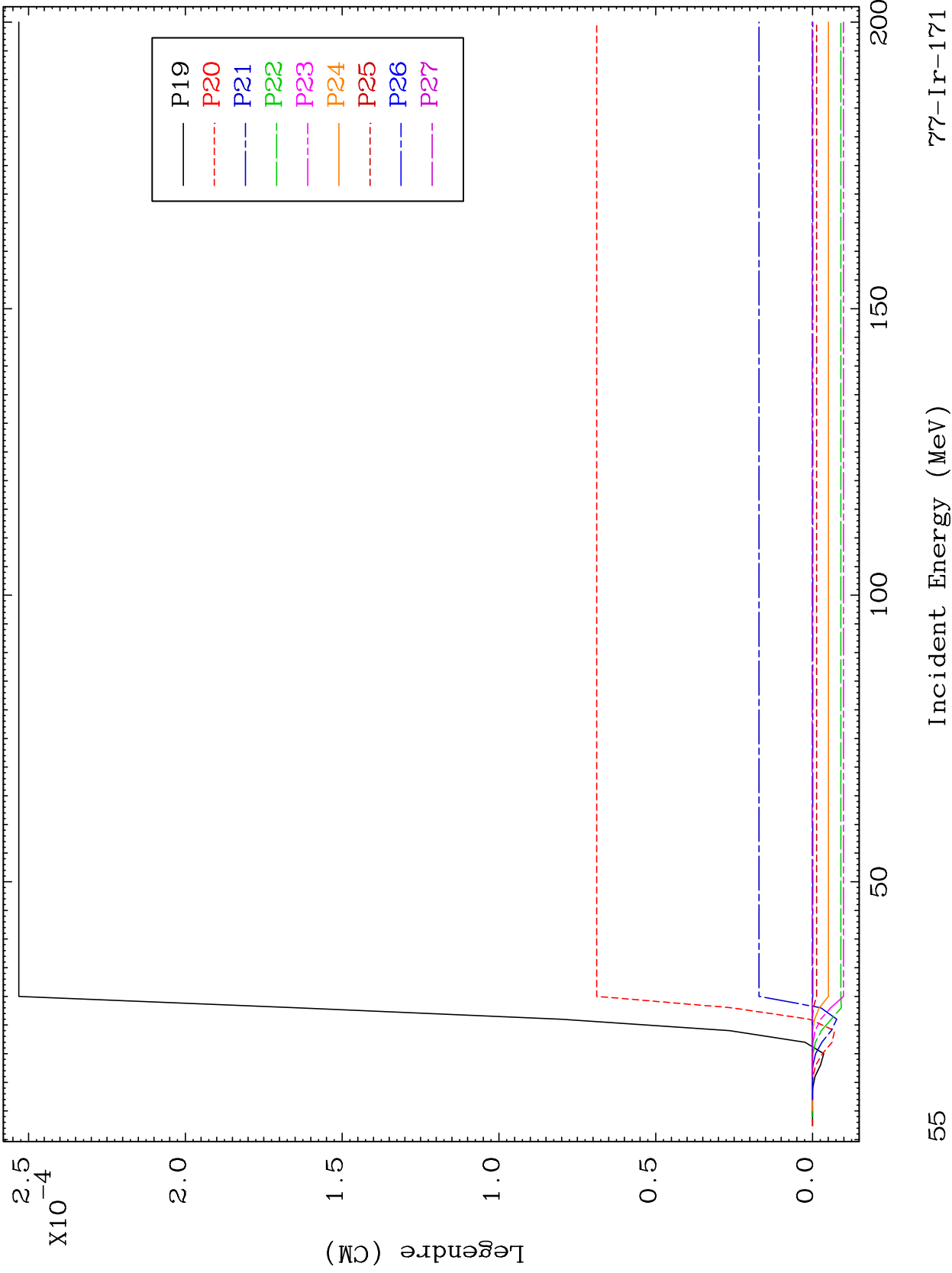
Incident Energy (MeV)

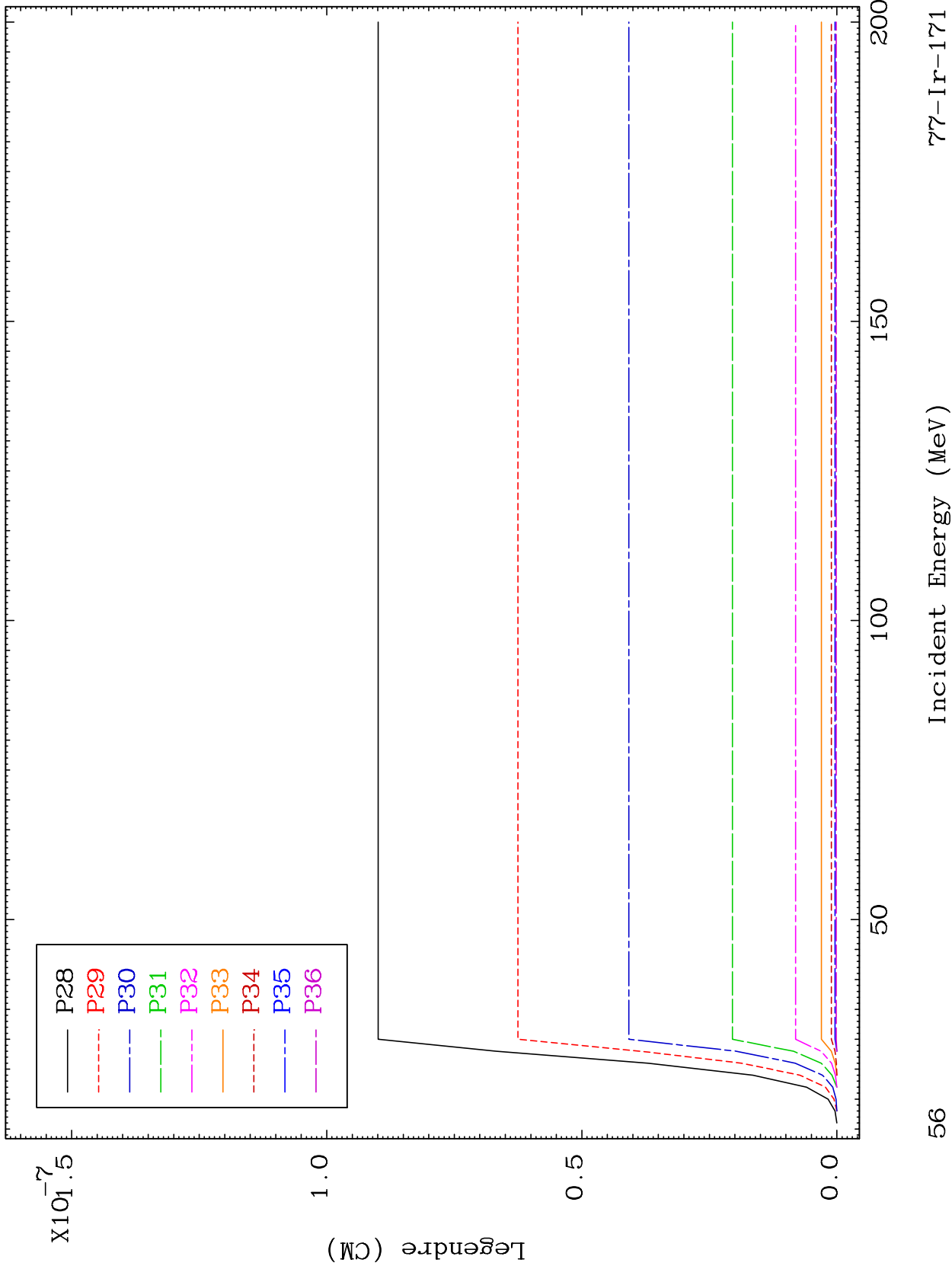


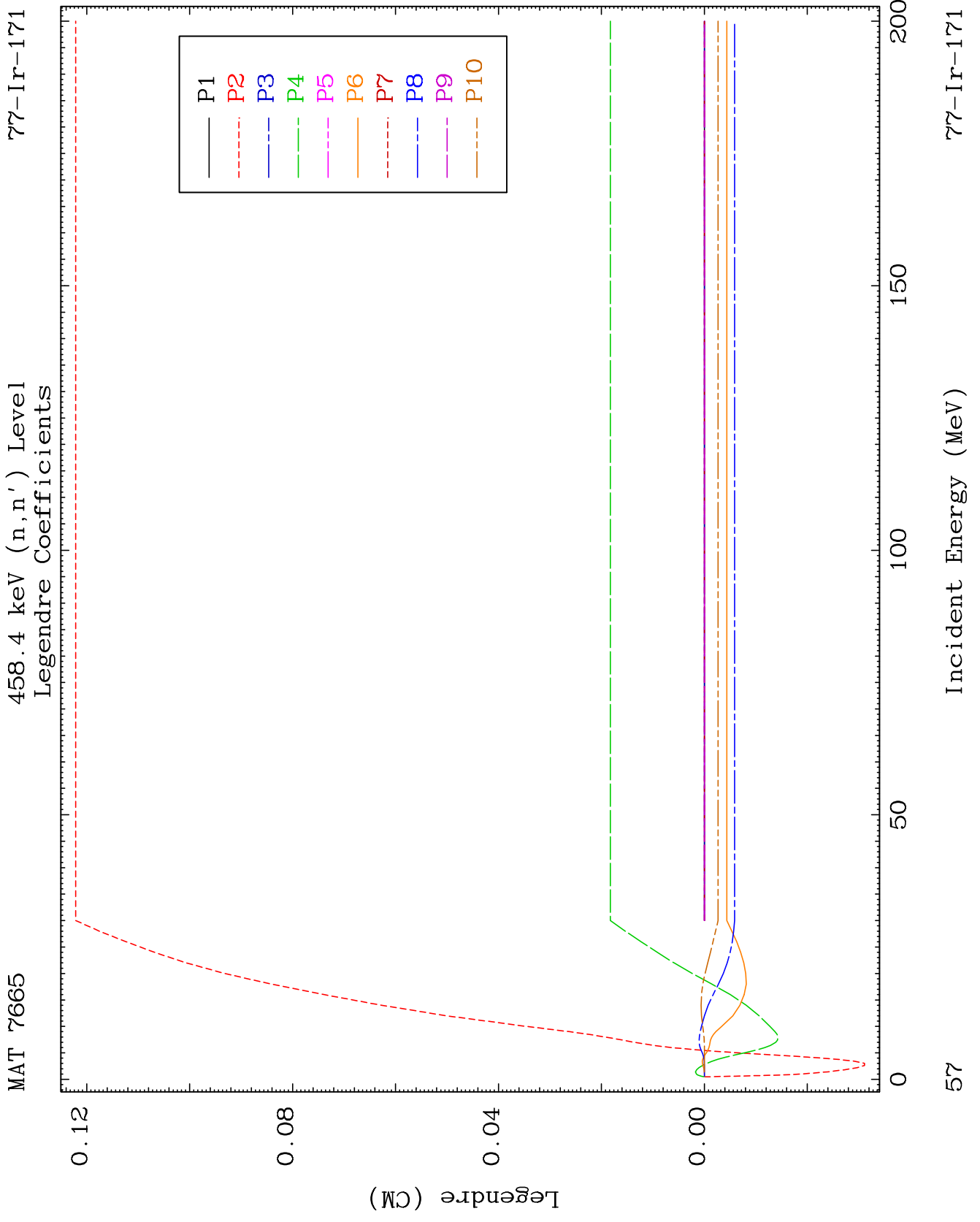


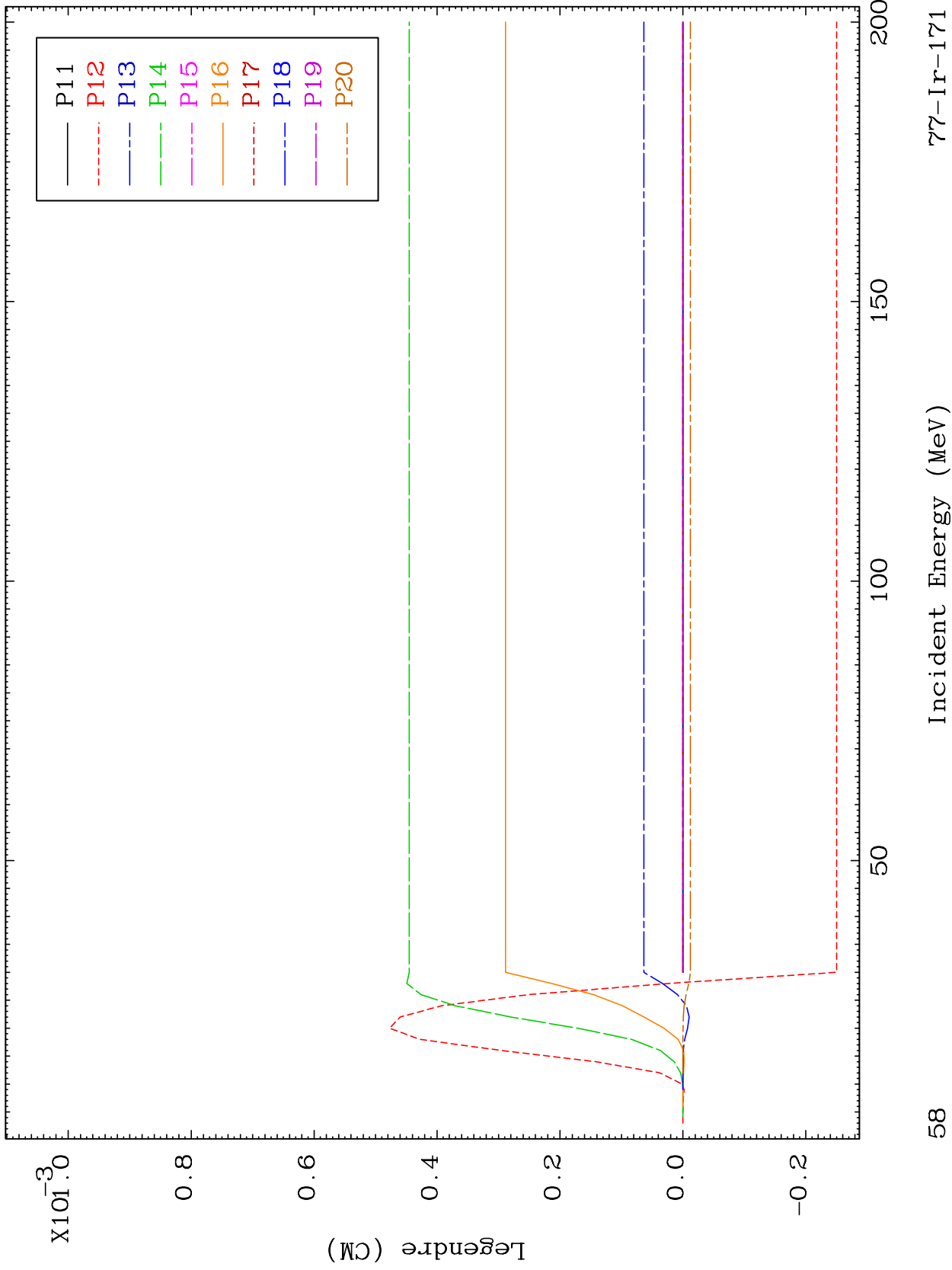


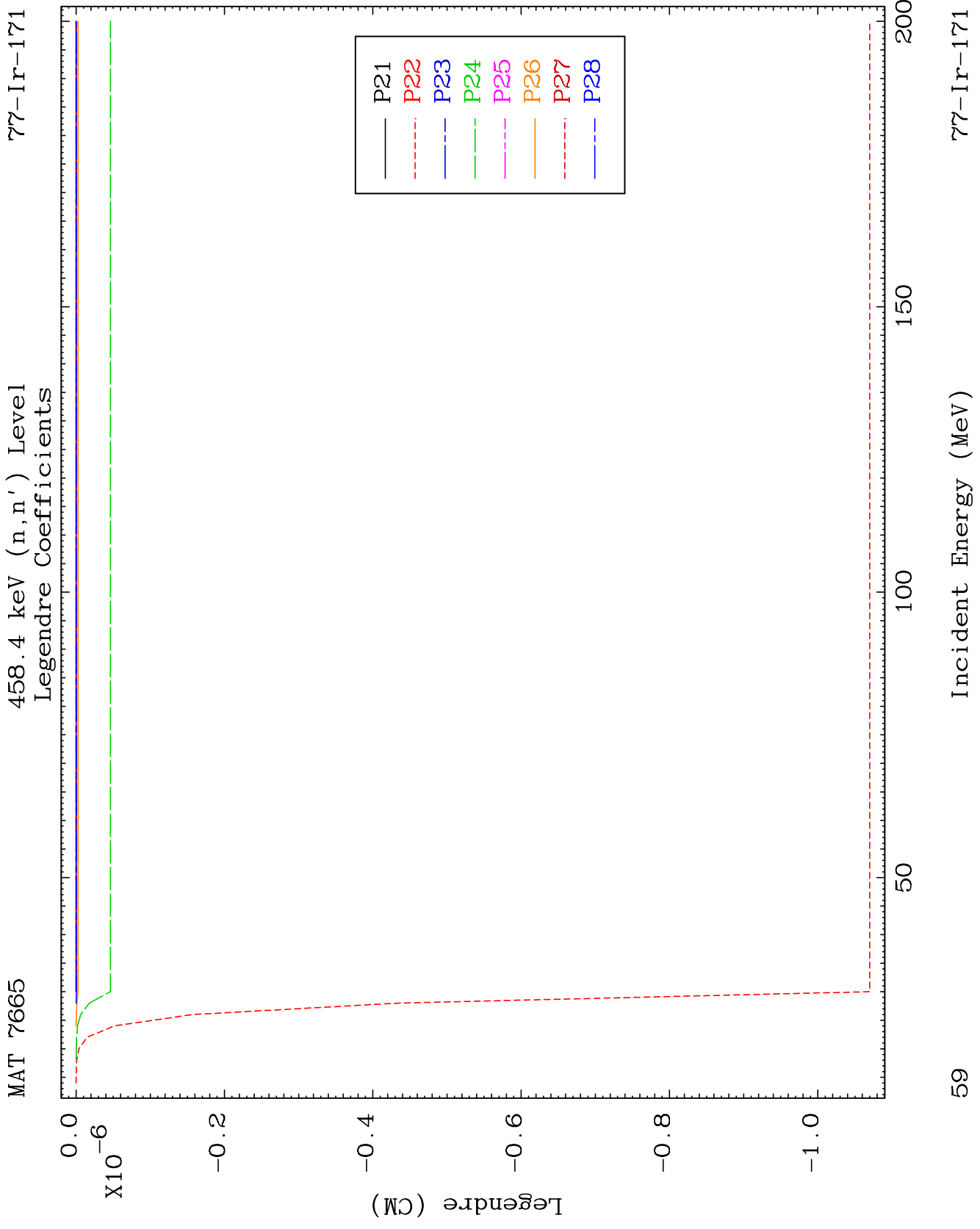








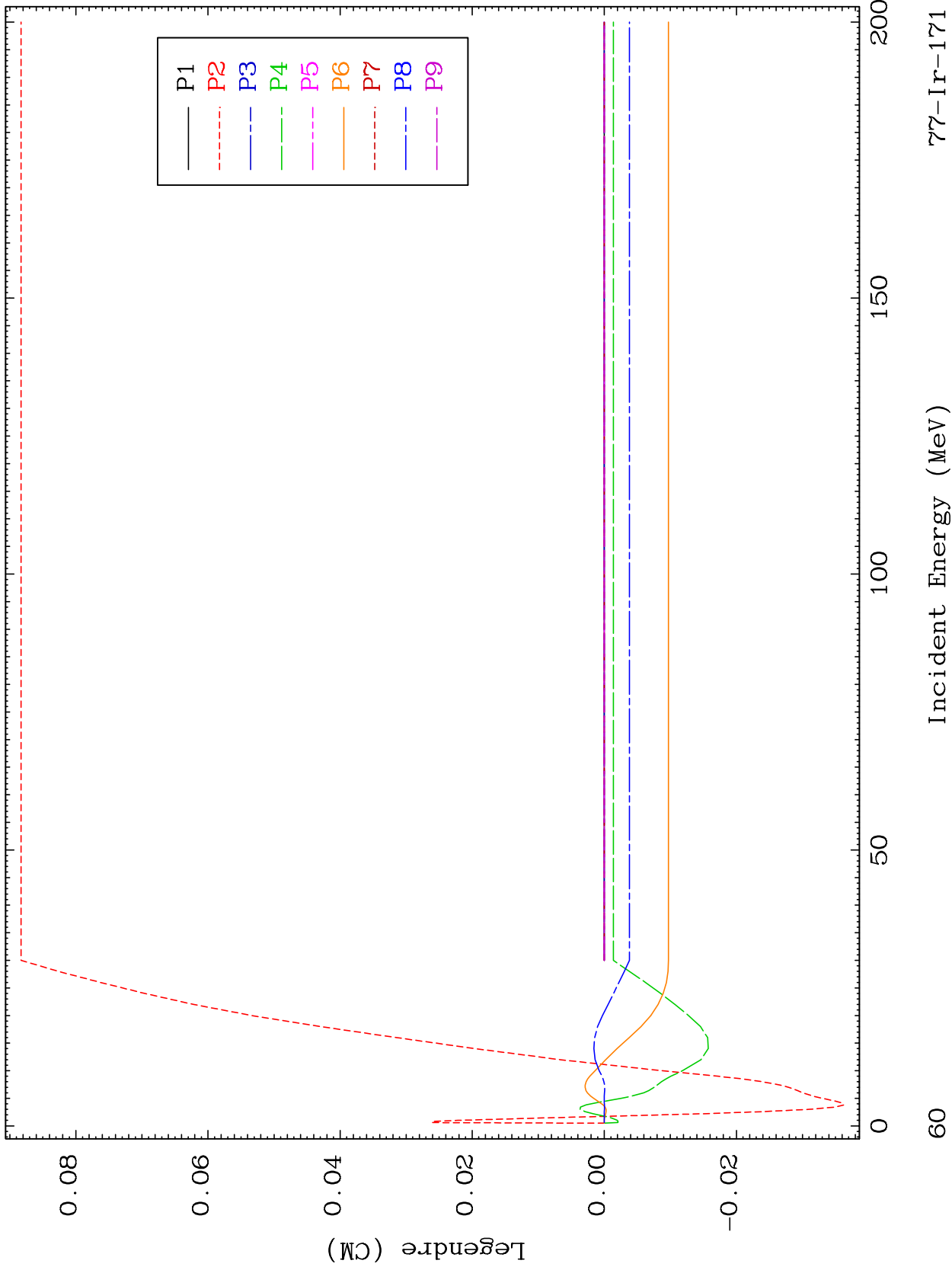




MAT 7665

488.0 keV (n, n') Level
Legendre Coefficients

77-Ir-171



77-Ir-171

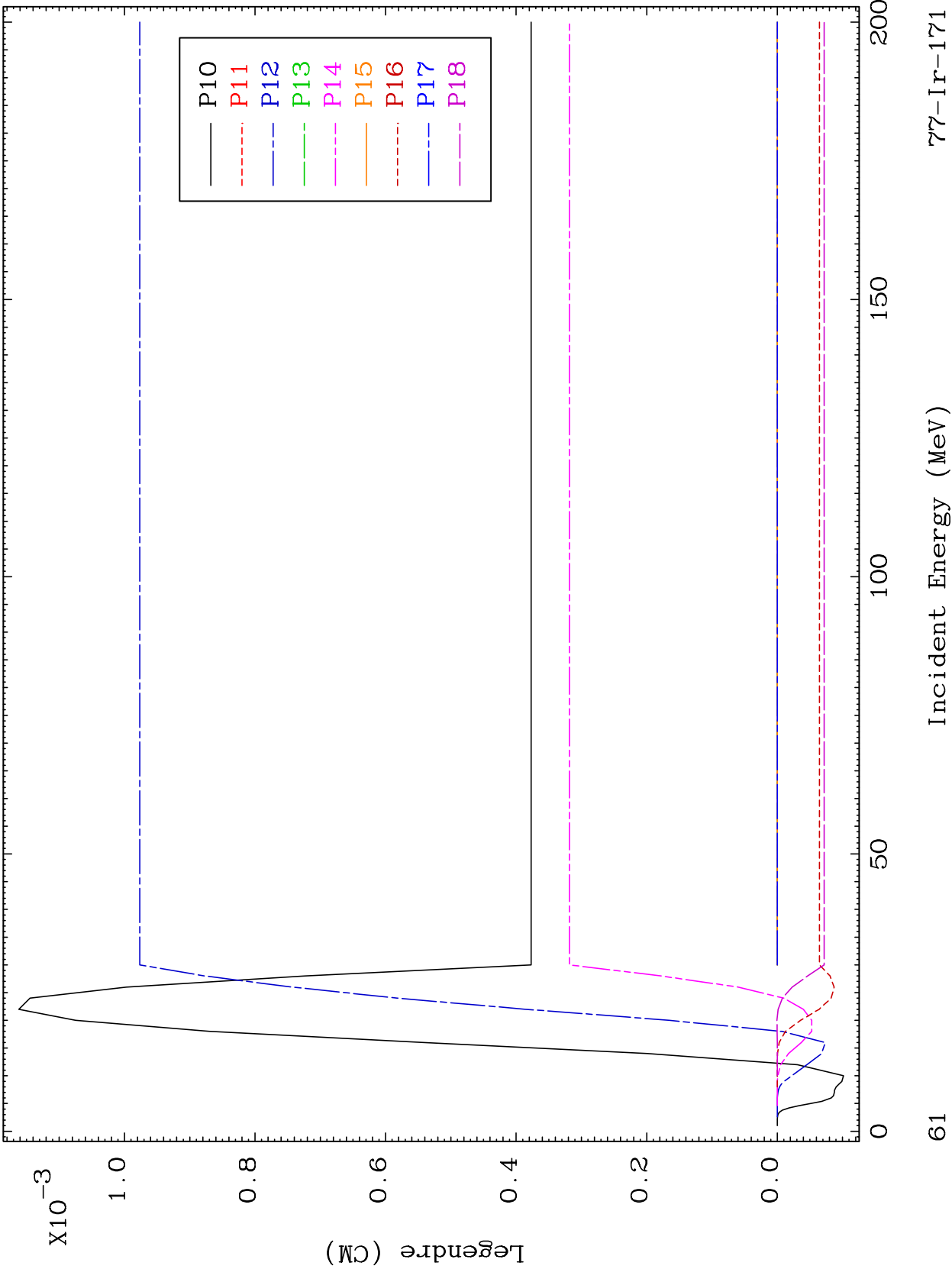
Incident Energy (MeV)

60

MAT 7665

488.0 keV (n,n') Level
Legendre Coefficients

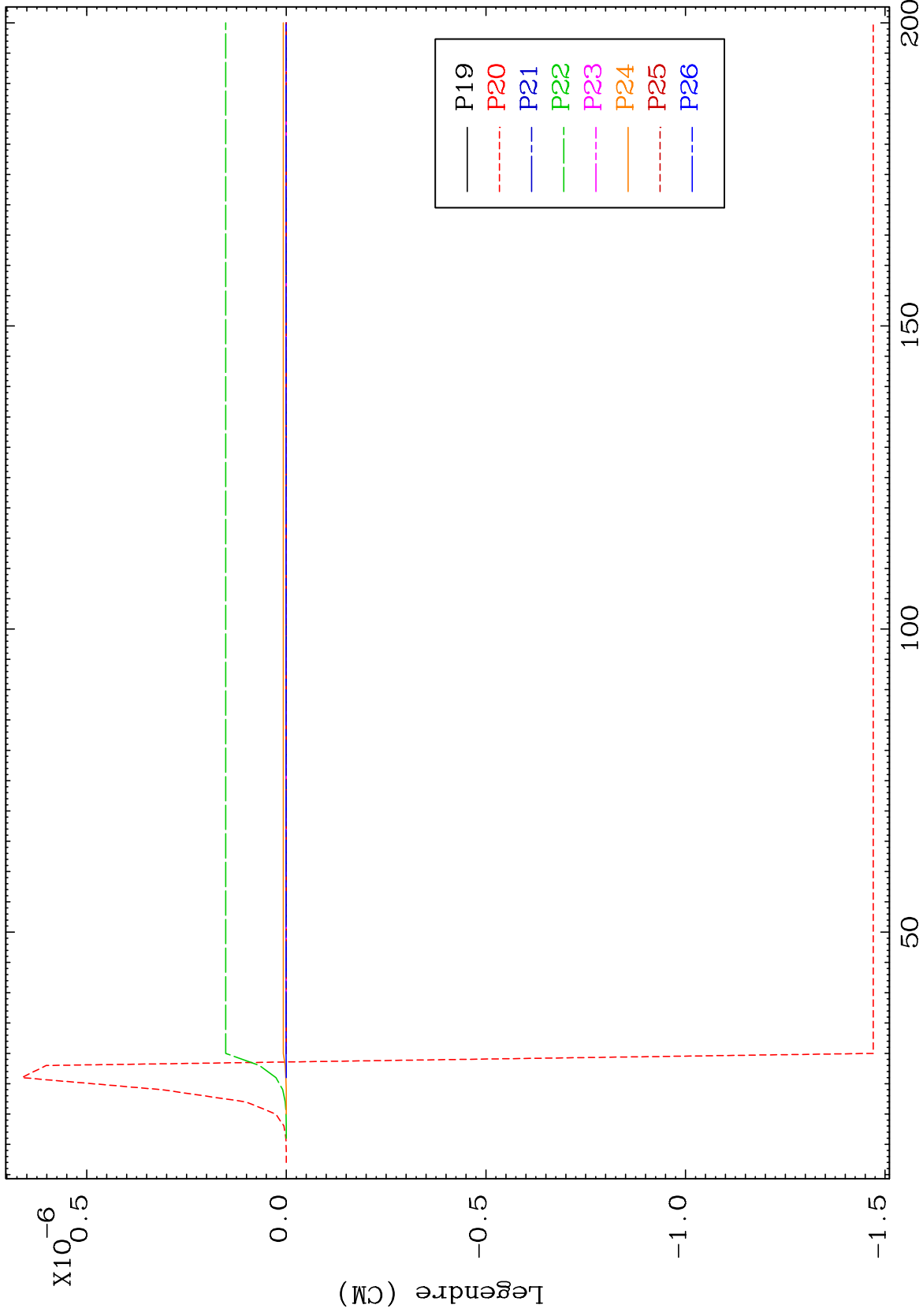
77-Ir-171



61

Incident Energy (MeV)

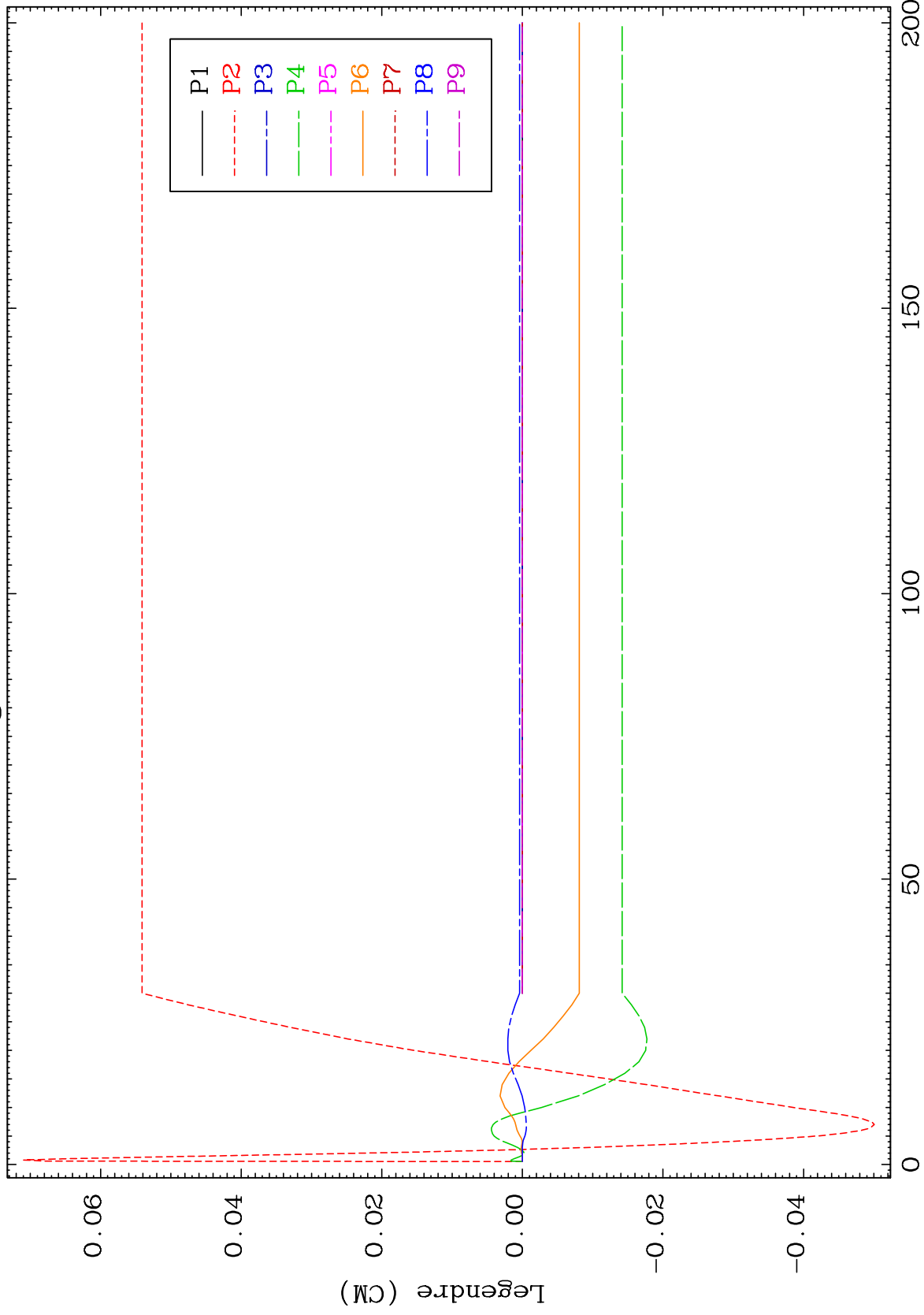
77-Ir-171



MAT 7665

511.8 keV (n,n') Level
Legendre Coefficients

77-Ir-171



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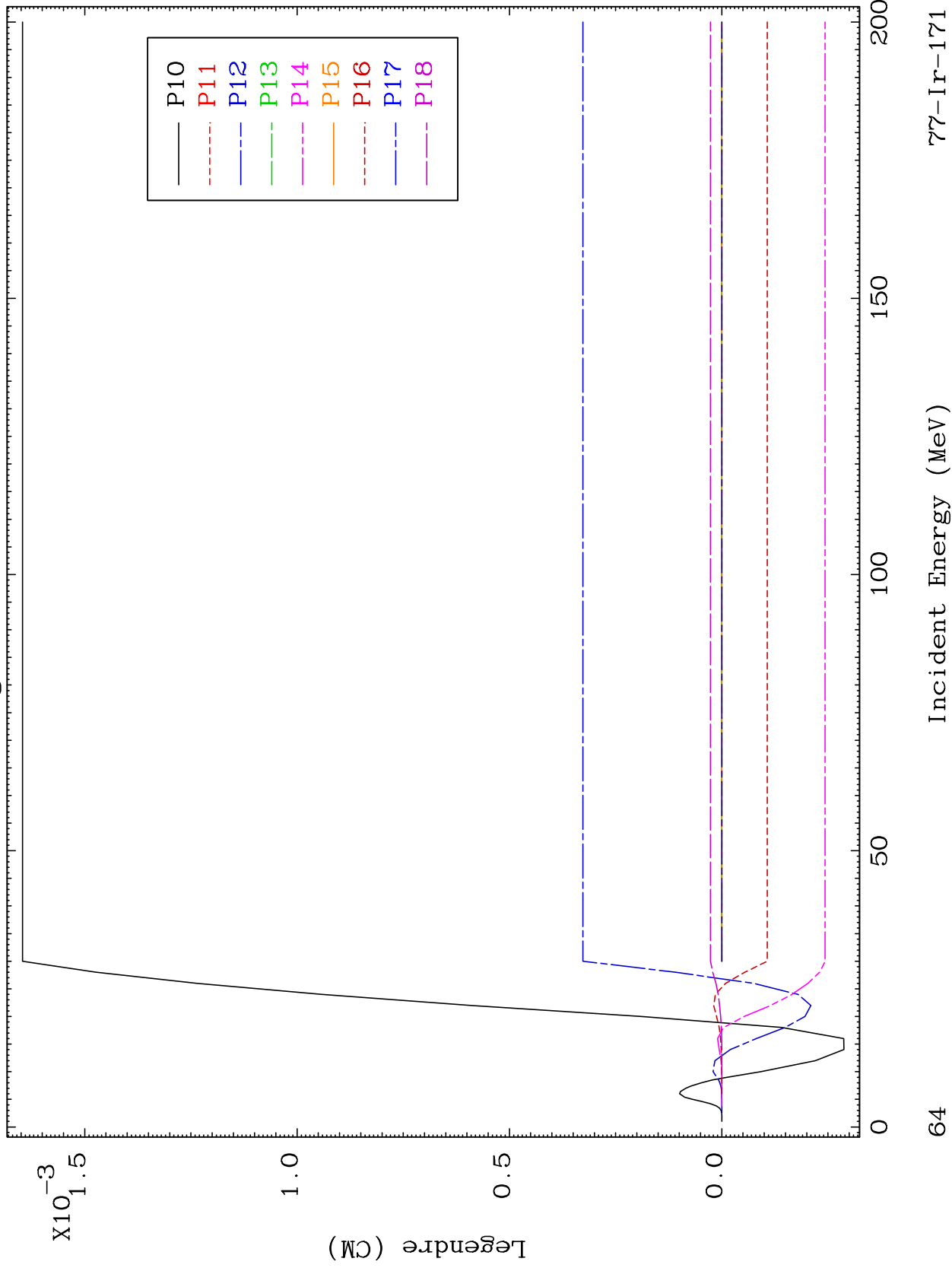
Incident Energy (MeV)

77-Ir-171

MAT 7665

511.8 keV (n,n') Level
Legendre Coefficients

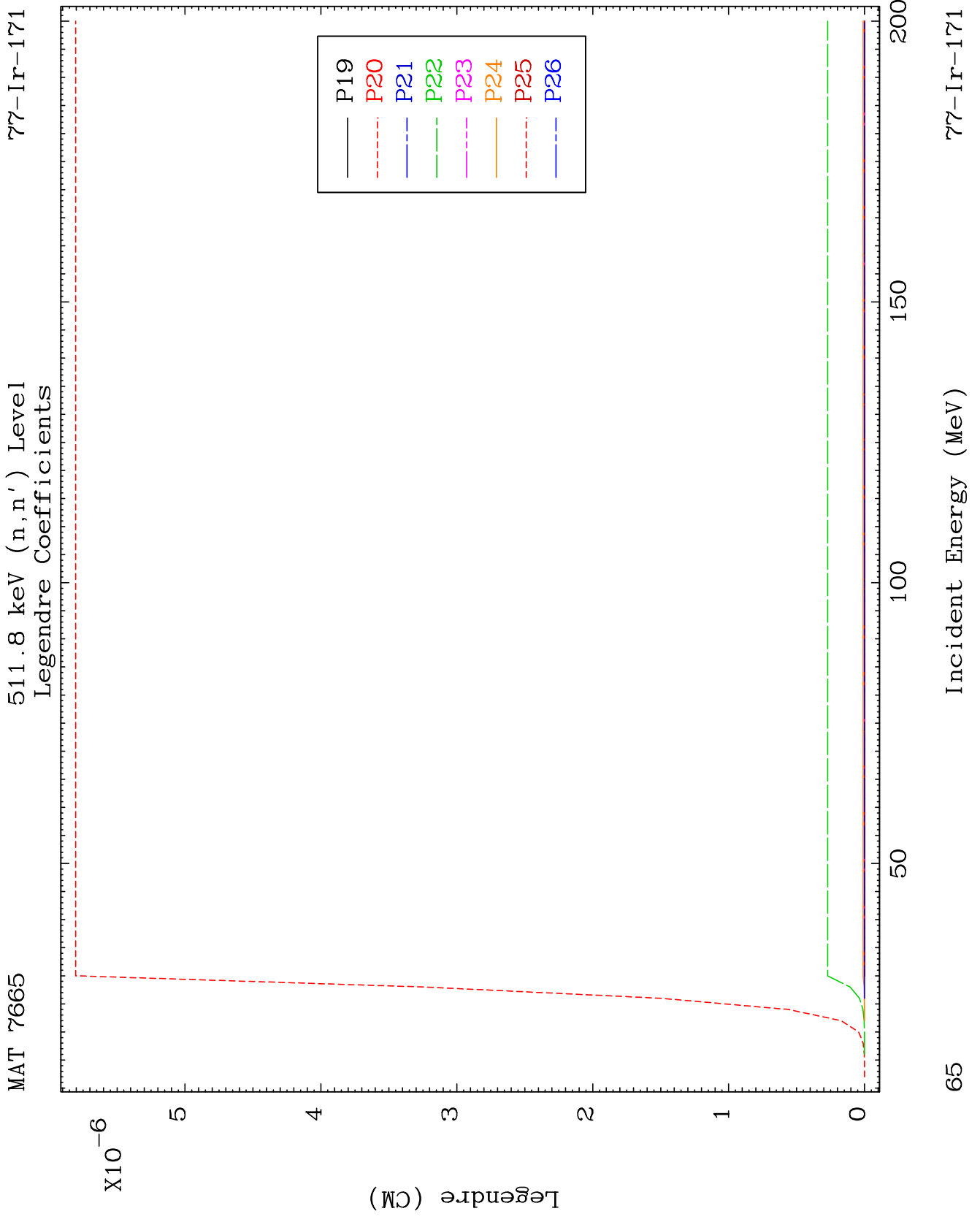
77-Ir-171

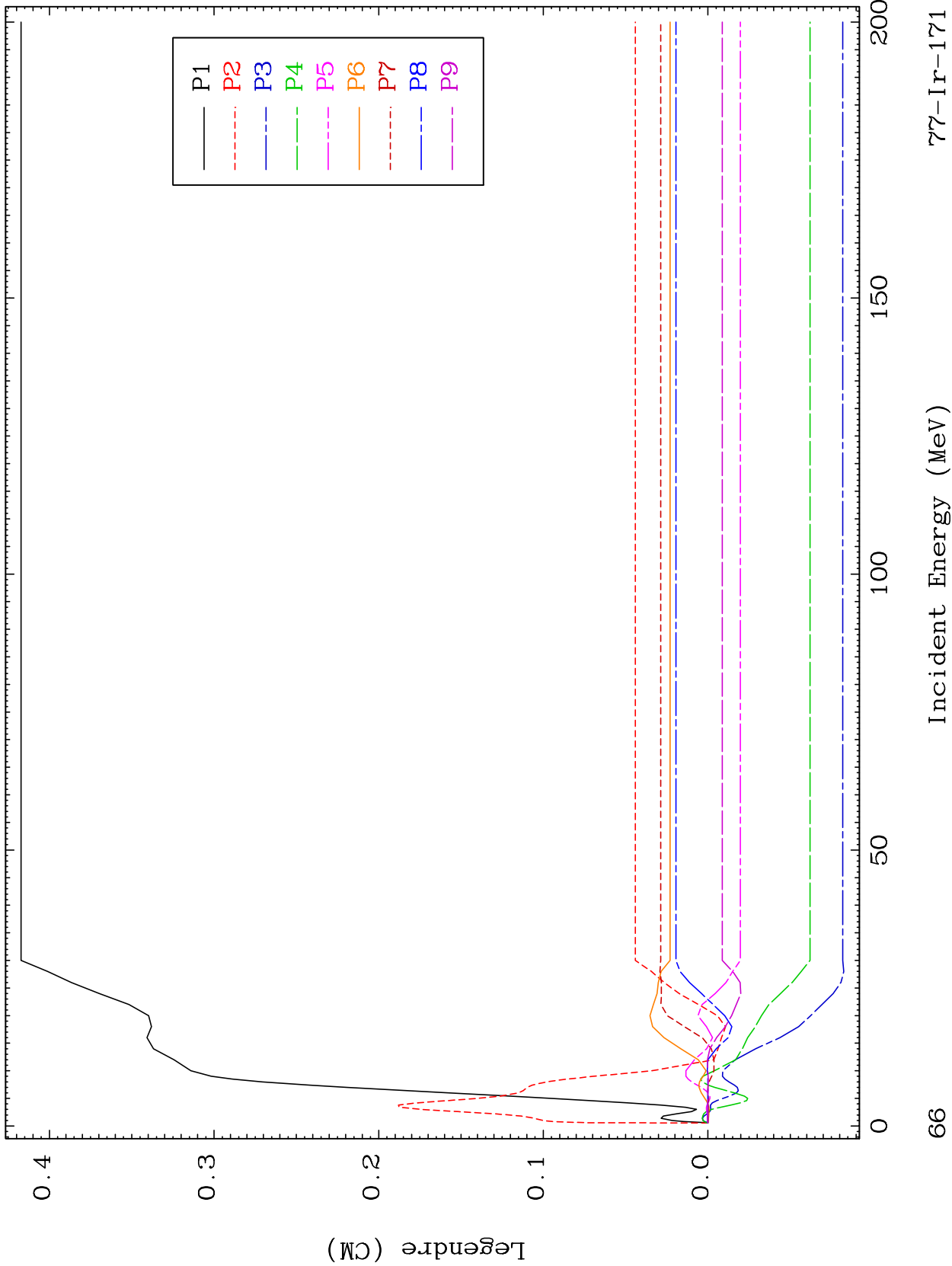


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Incident Energy (MeV)

77-Ir-171

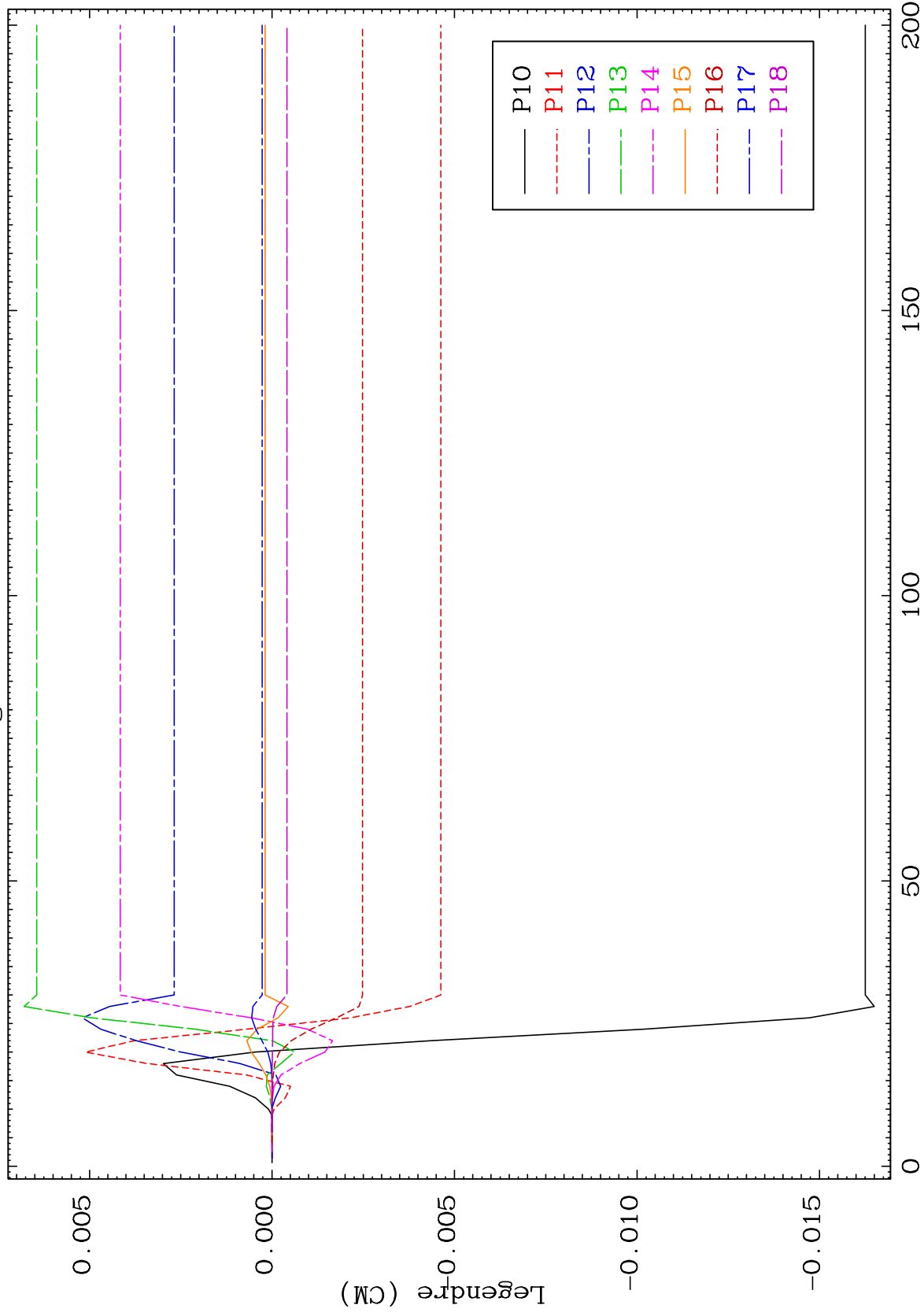




MAT 7665

534.7 keV (n,n') Level
Legendre Coefficients

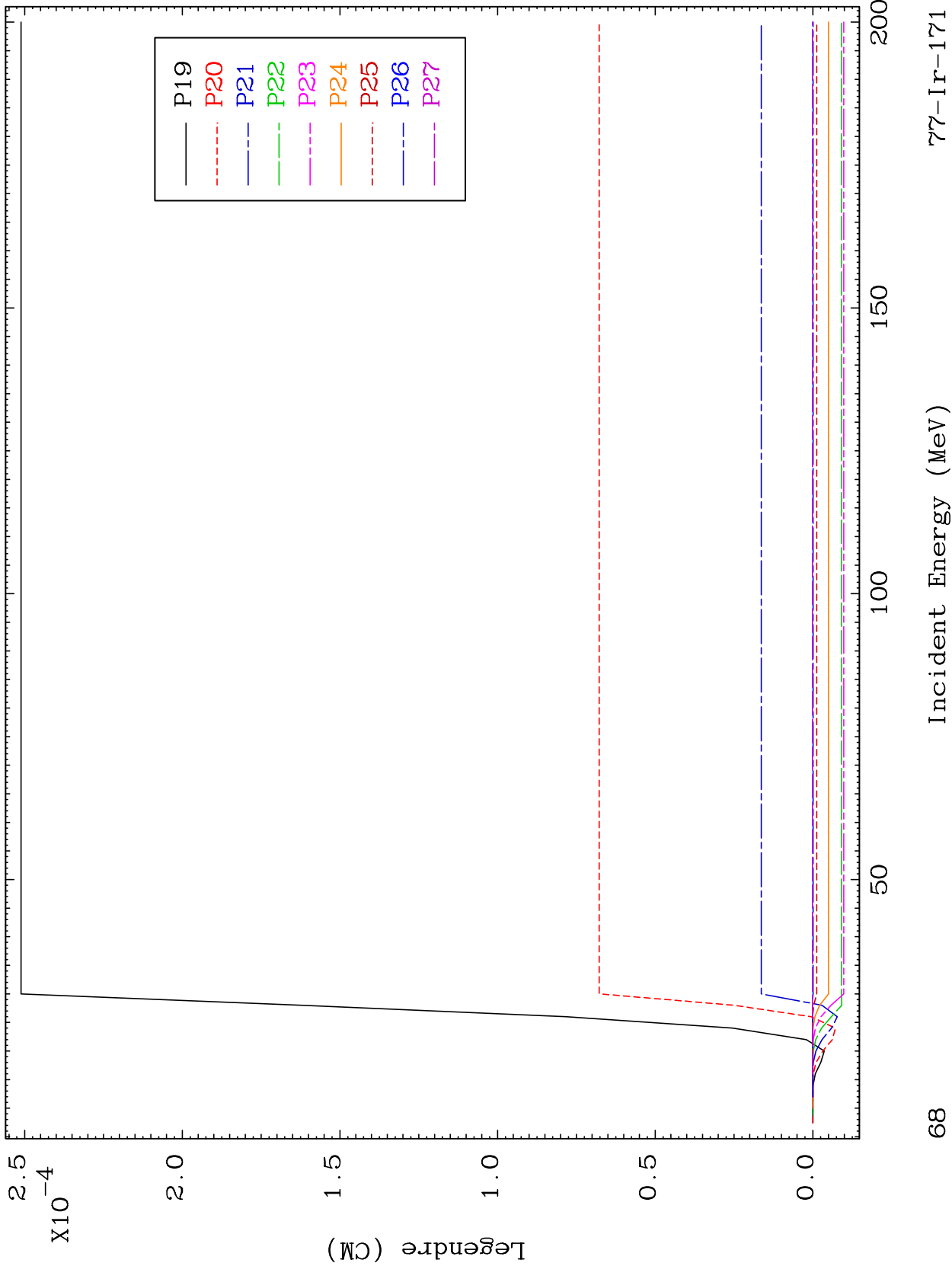
77-Ir-171

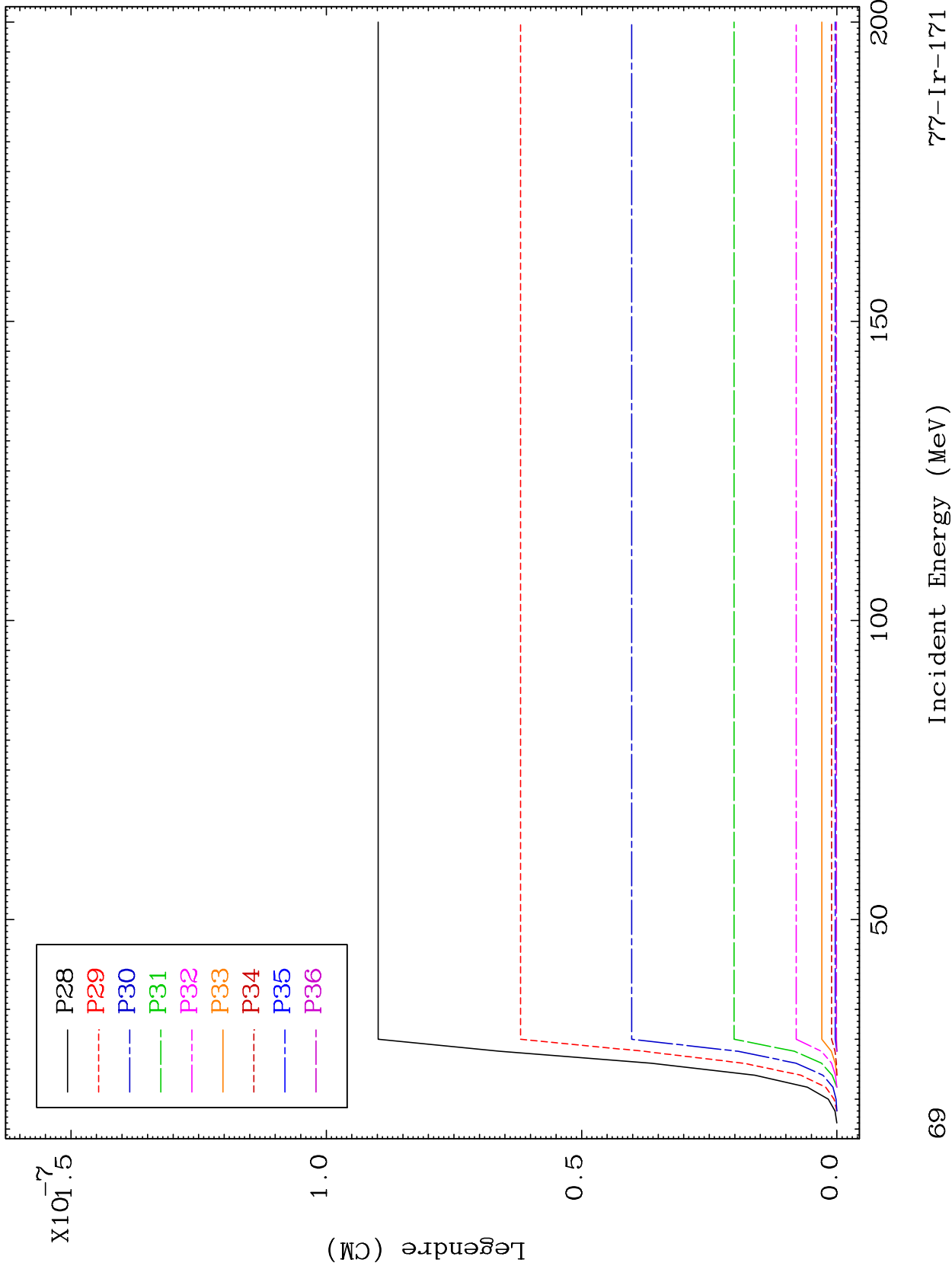


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Incident Energy (MeV)

77-Ir-171

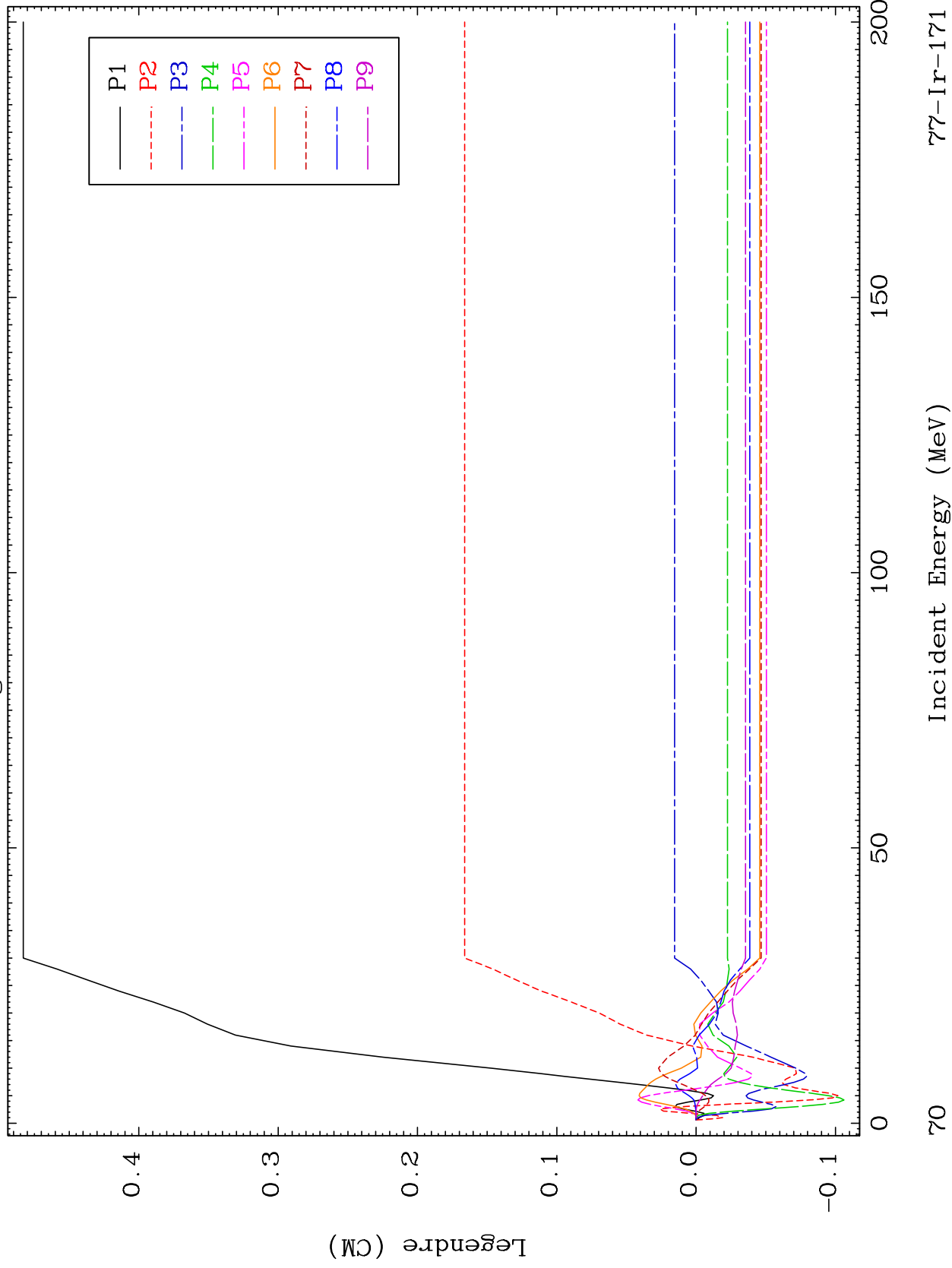




MAT 7665

555.5 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-171

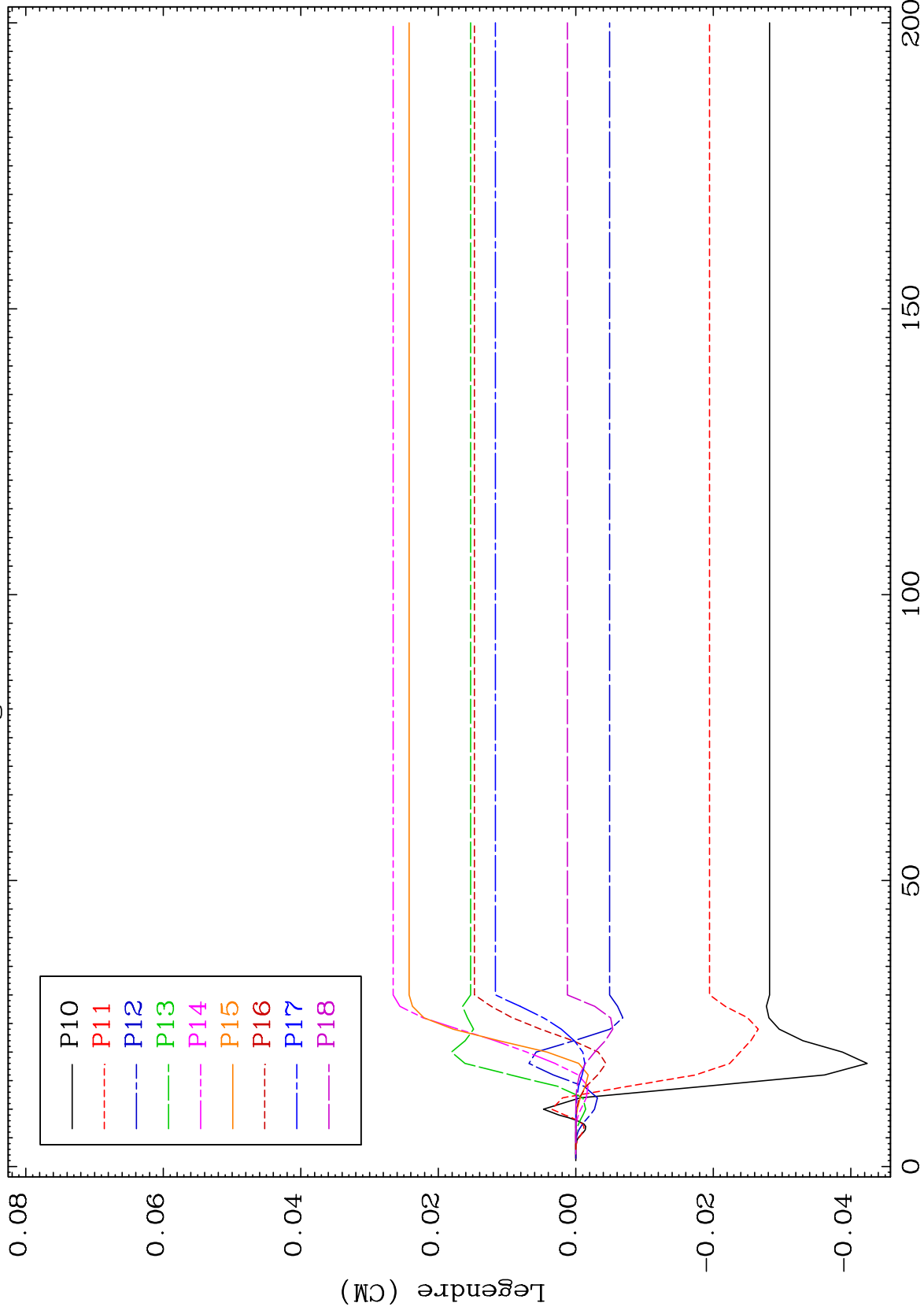


⁷⁷Ir-171

MAT 7665

555.5 keV (n,n') Level
Legendre Coefficients

77-Ir-171



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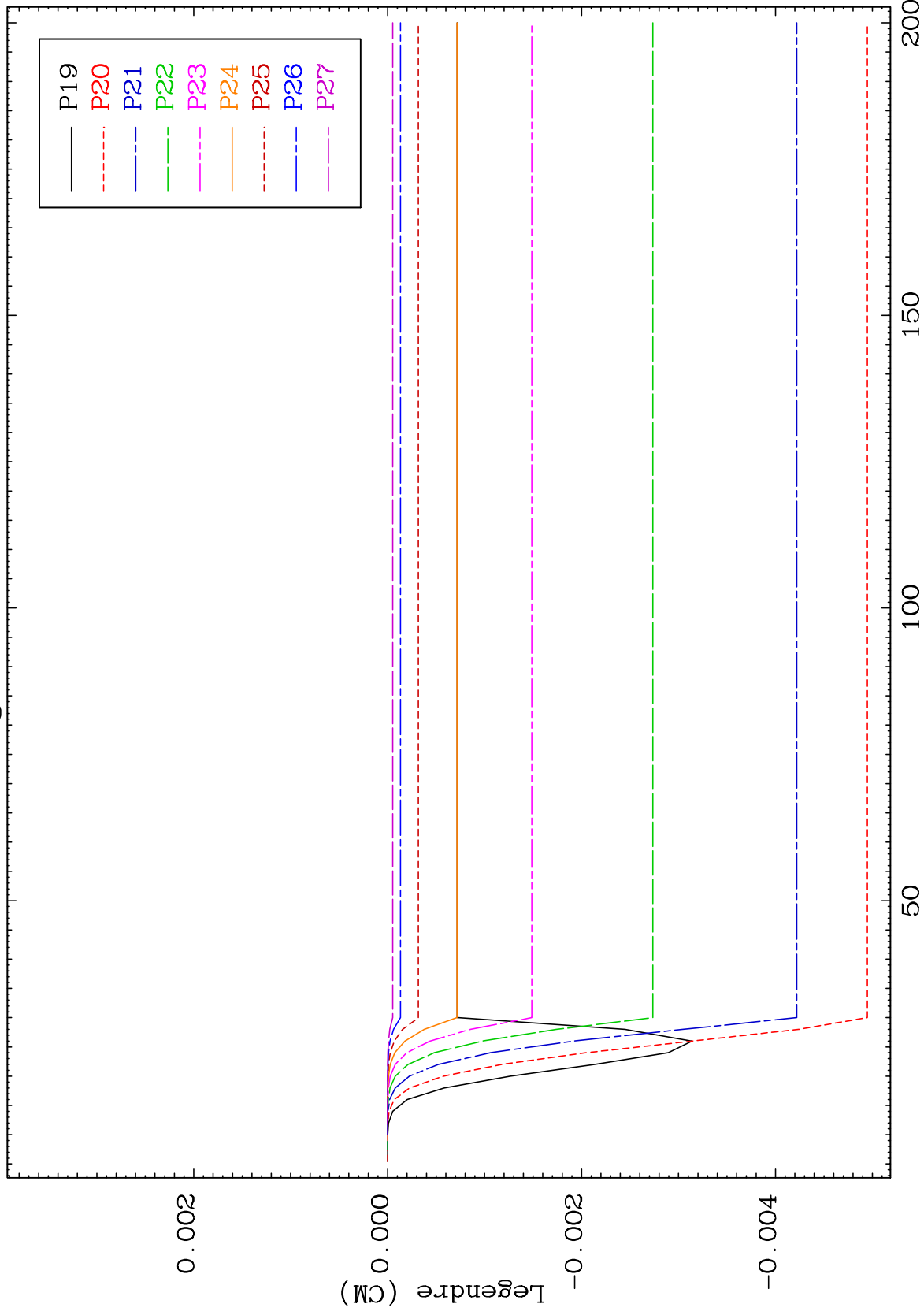
Incident Energy (MeV)

77-Ir-171

MAT 7665

555.5 keV (n,n') Level
Legendre Coefficients

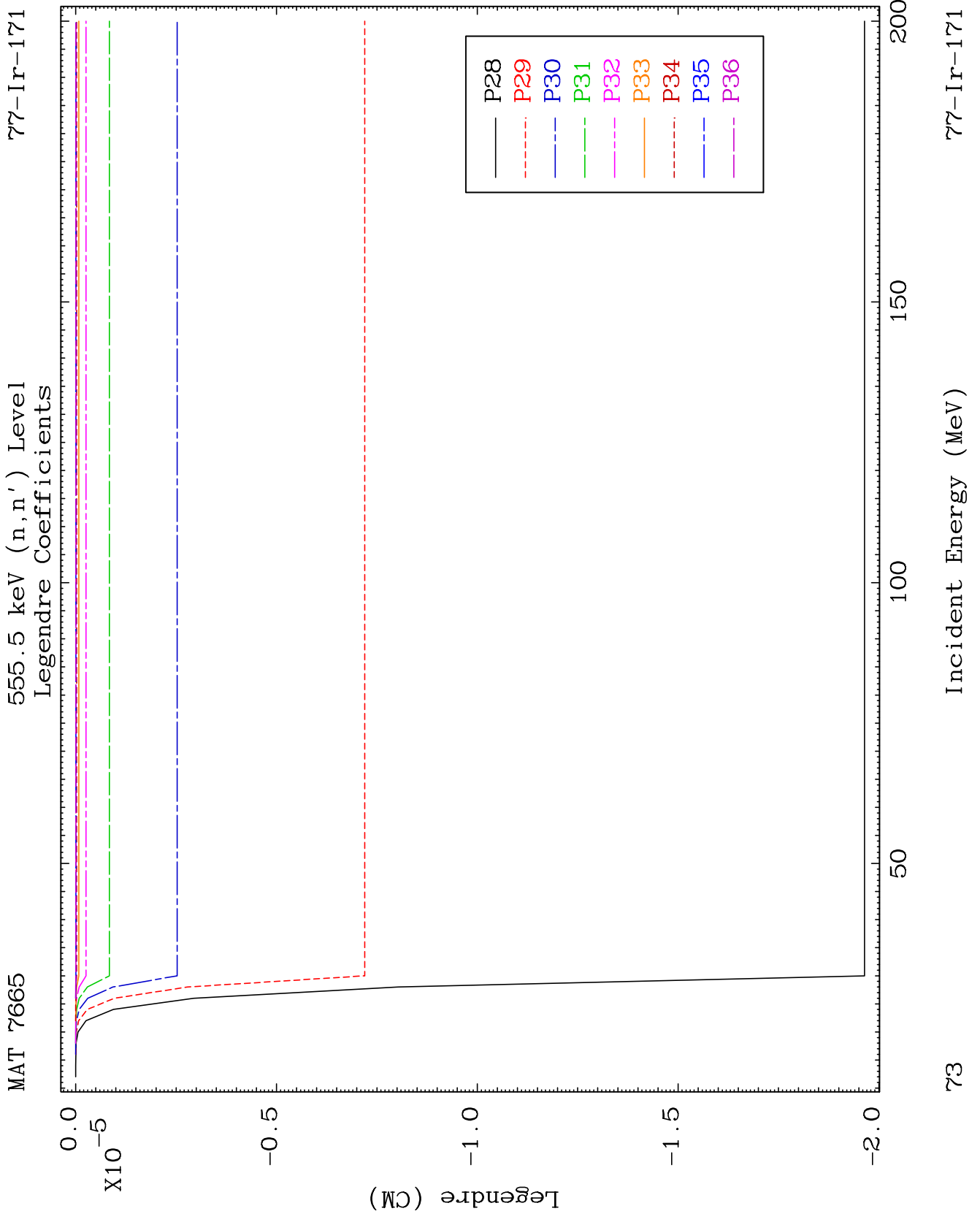
77-Ir-171



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Incident Energy (MeV)

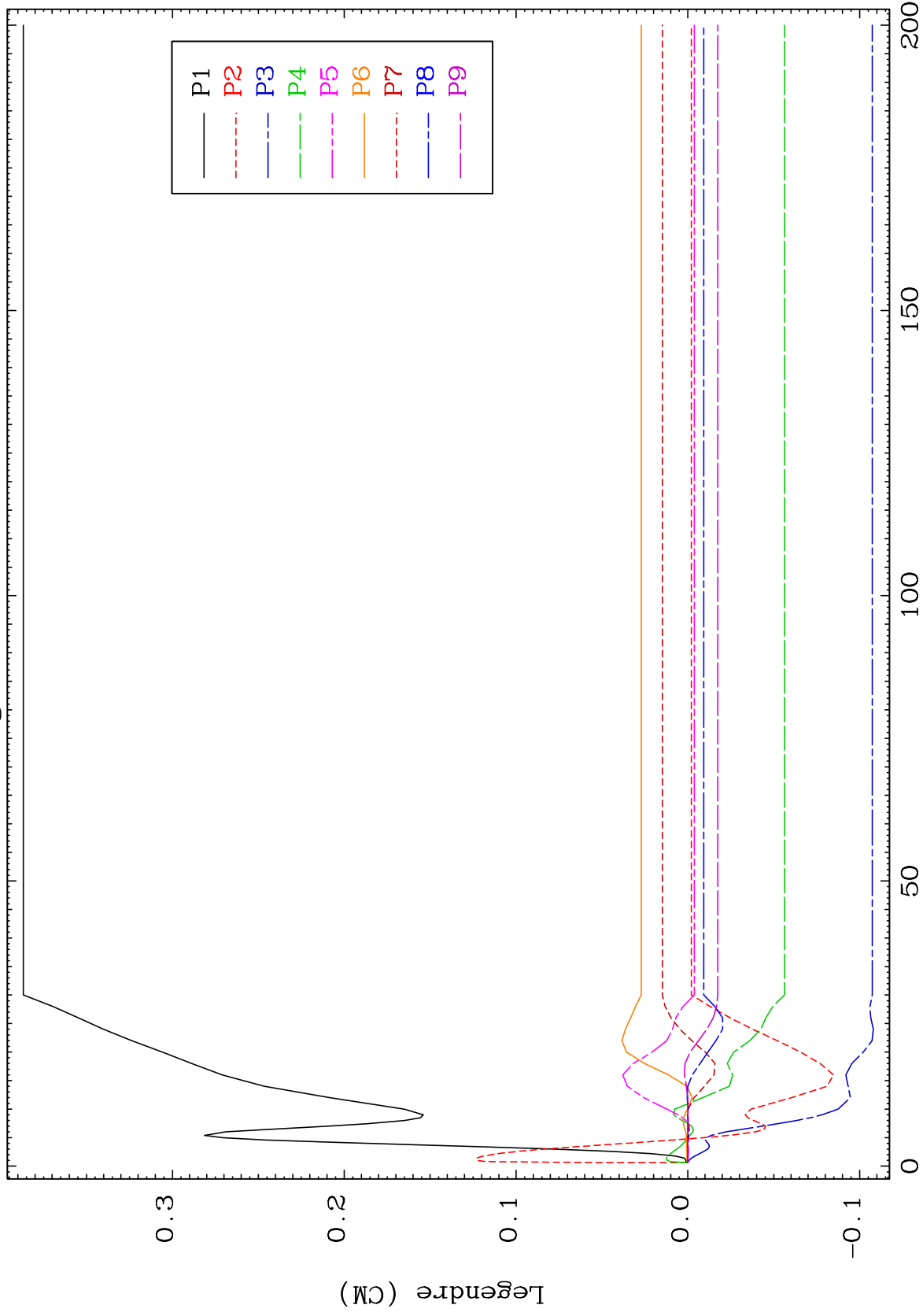
77-Ir-171



MAT 7665

591.8 keV (n,n') Level
Legendre Coefficients

77-Ir-171



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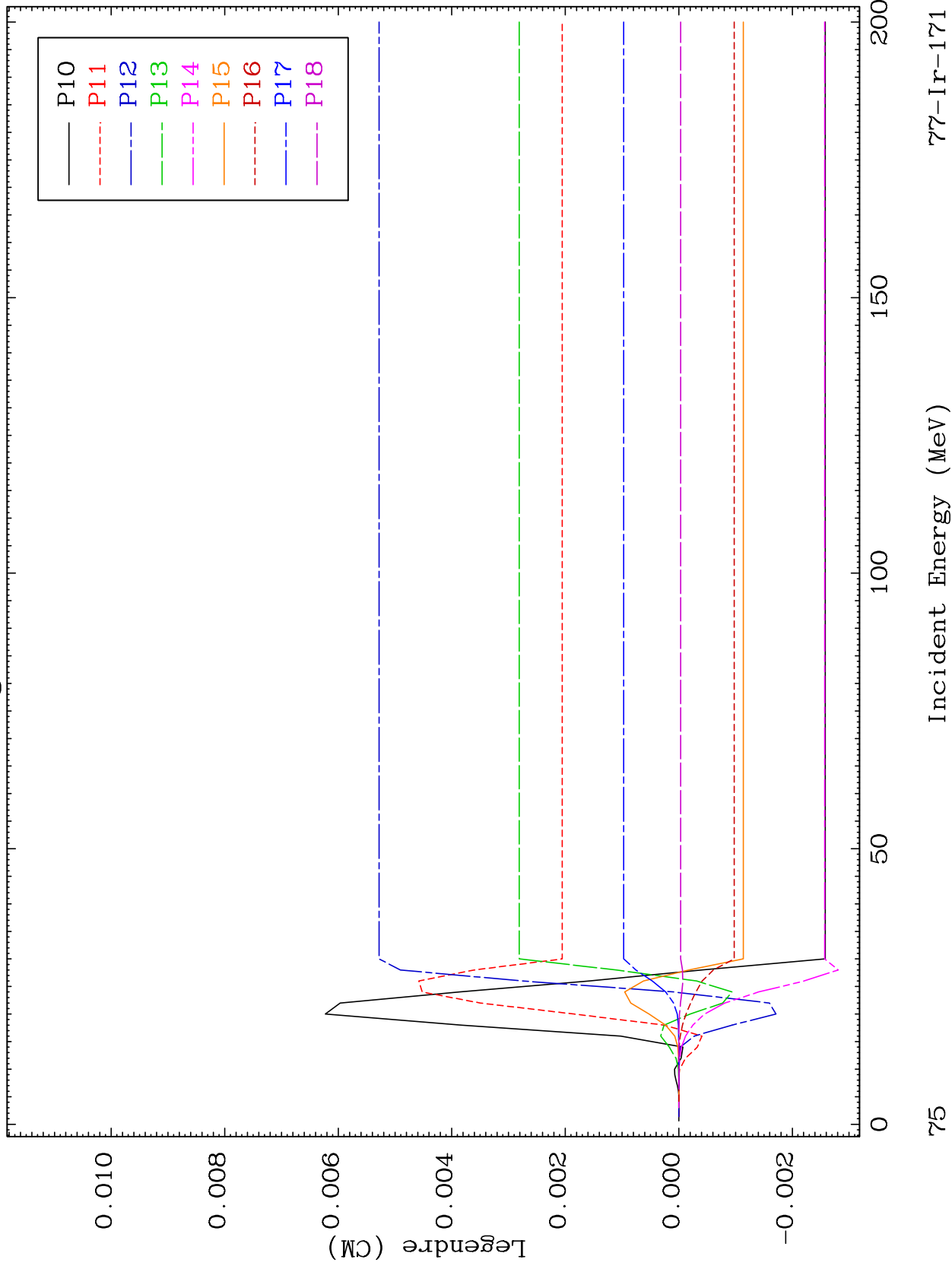
Incident Energy (MeV)

77-Ir-171

MAT 7665

591.8 keV (n,n') Level
Legendre Coefficients

77-Ir-171



77-Ir-171

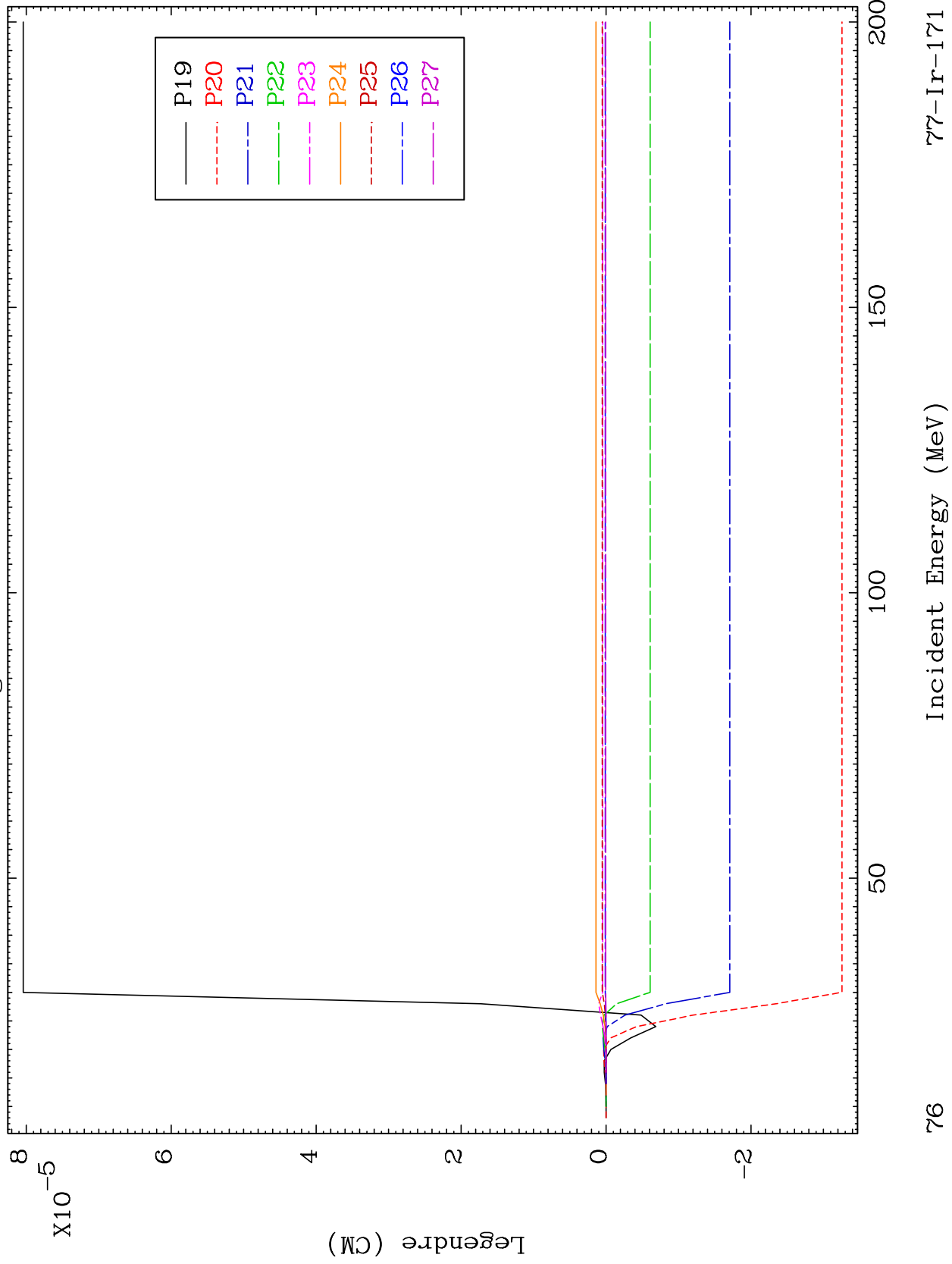
Incident Energy (MeV)

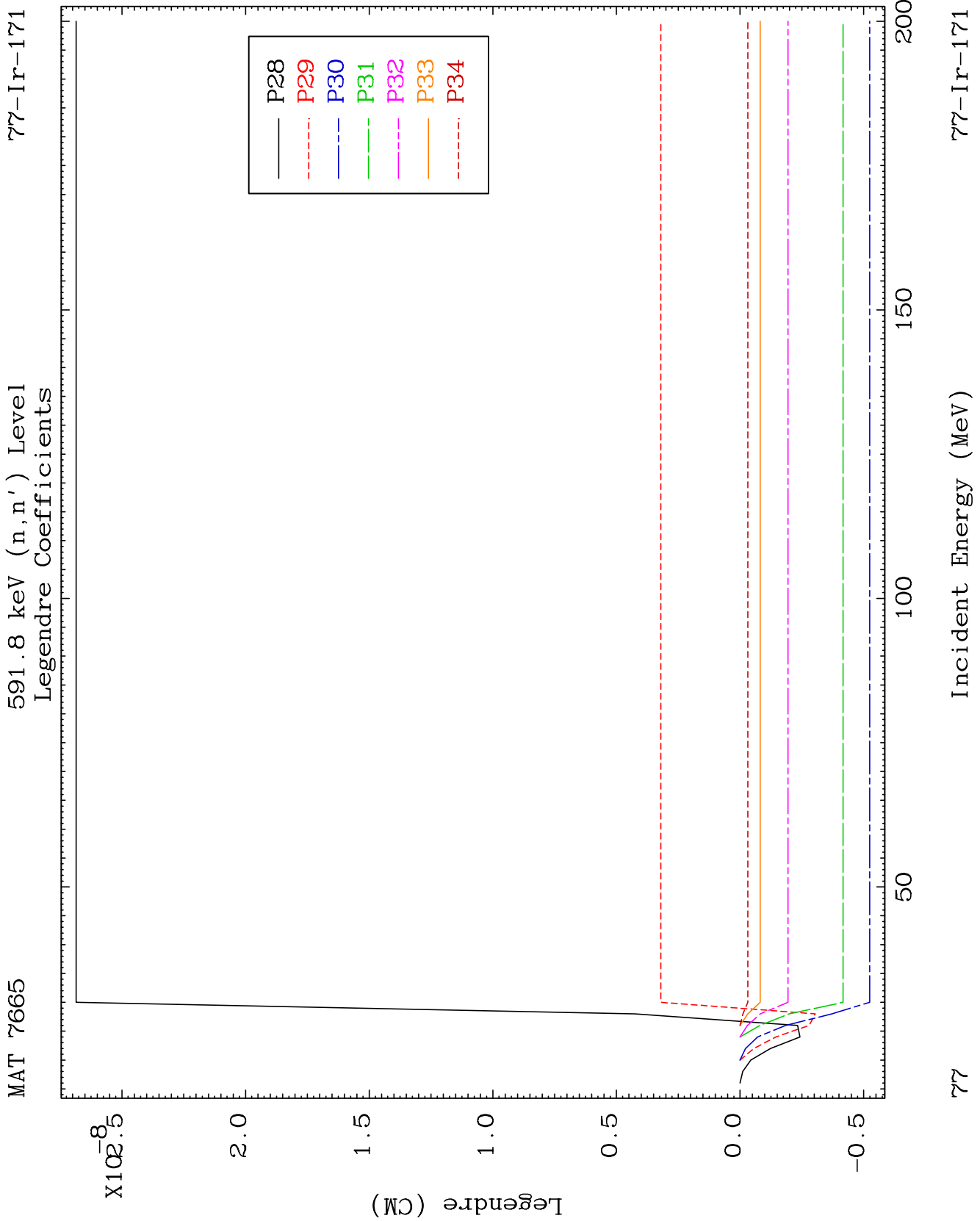
75

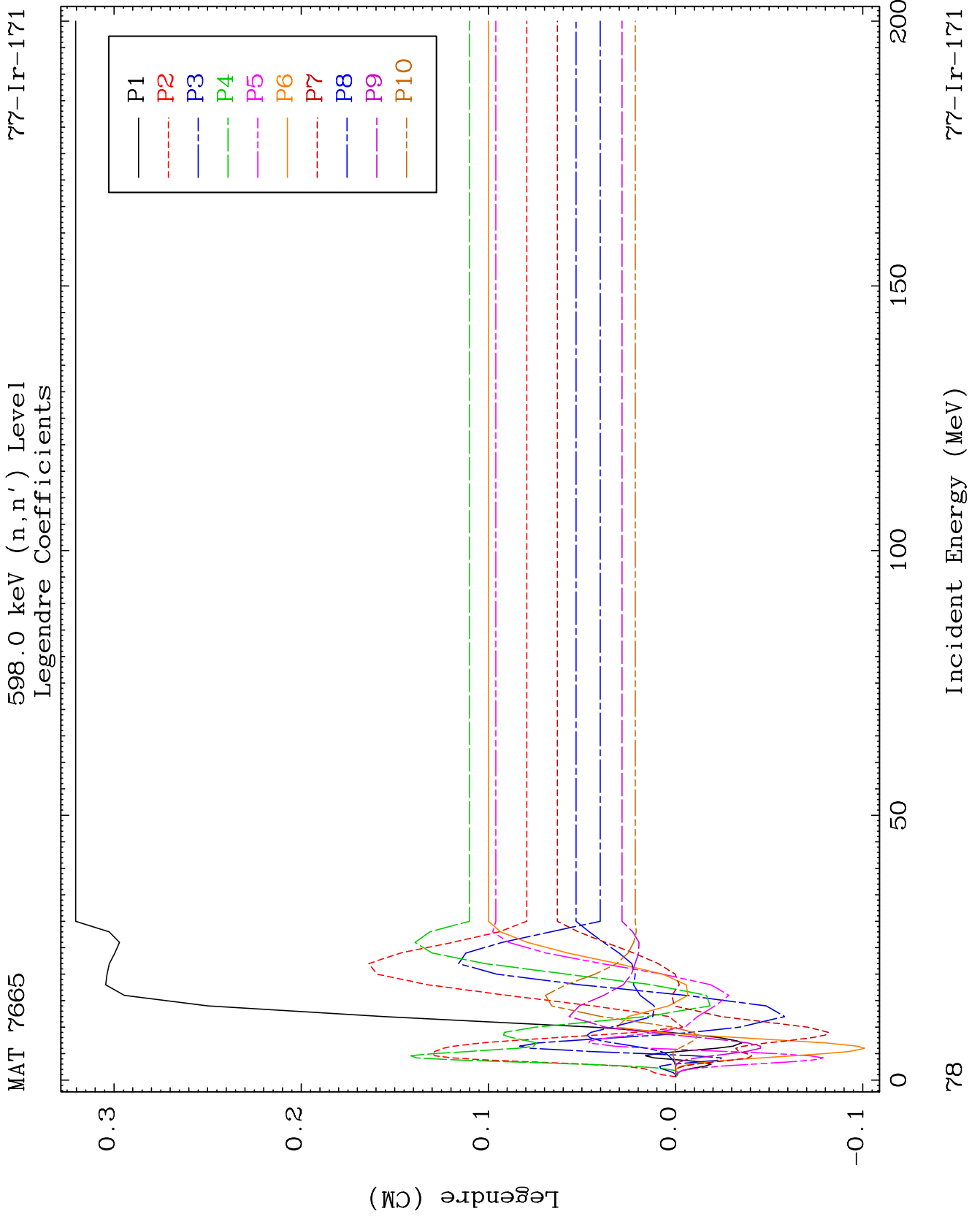
MAT 7665

591.8 keV (n,n') Level
Legendre Coefficients

77-Ir-171



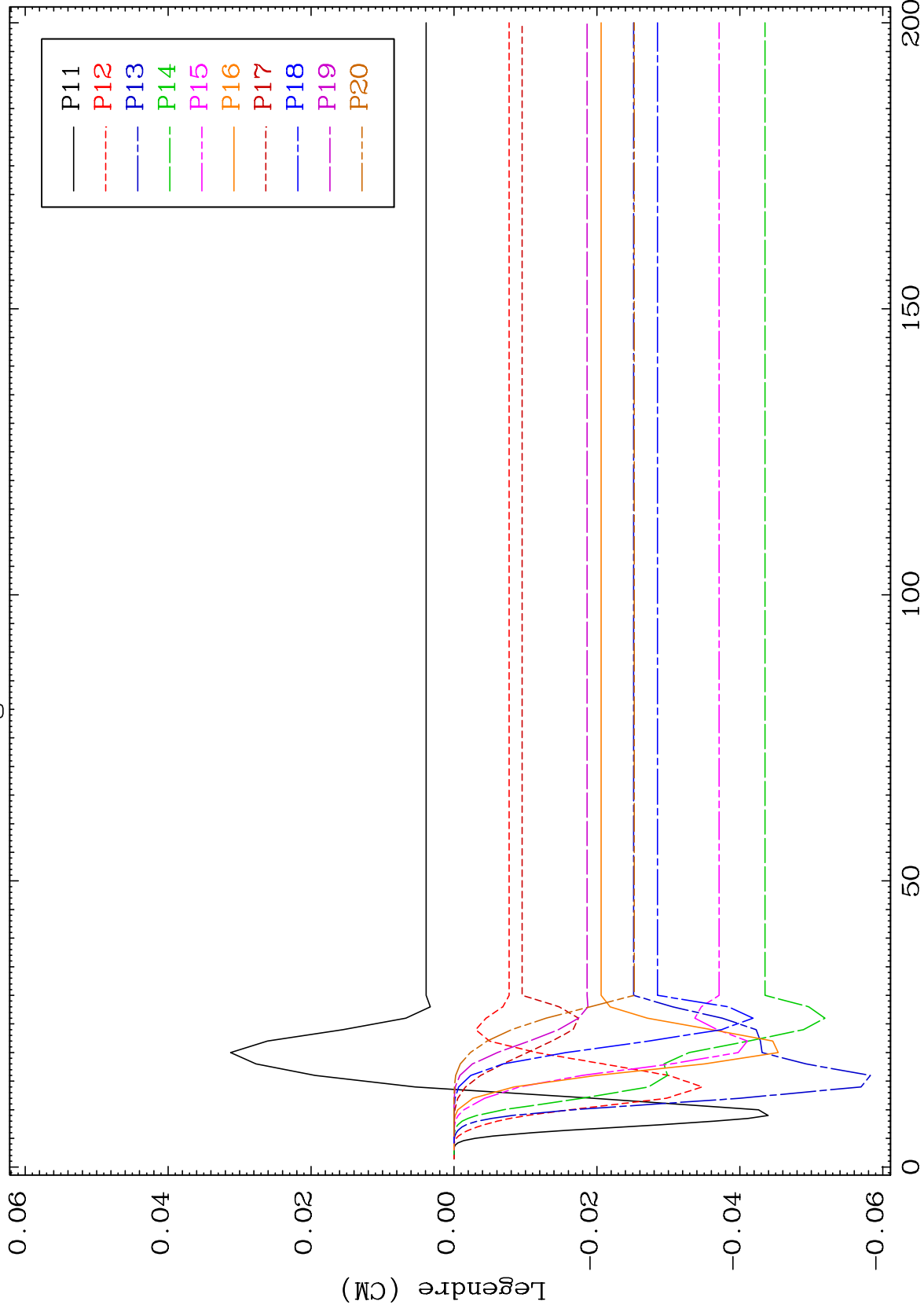




MAT 7665

598.0 keV (n,n') Level
Legendre Coefficients

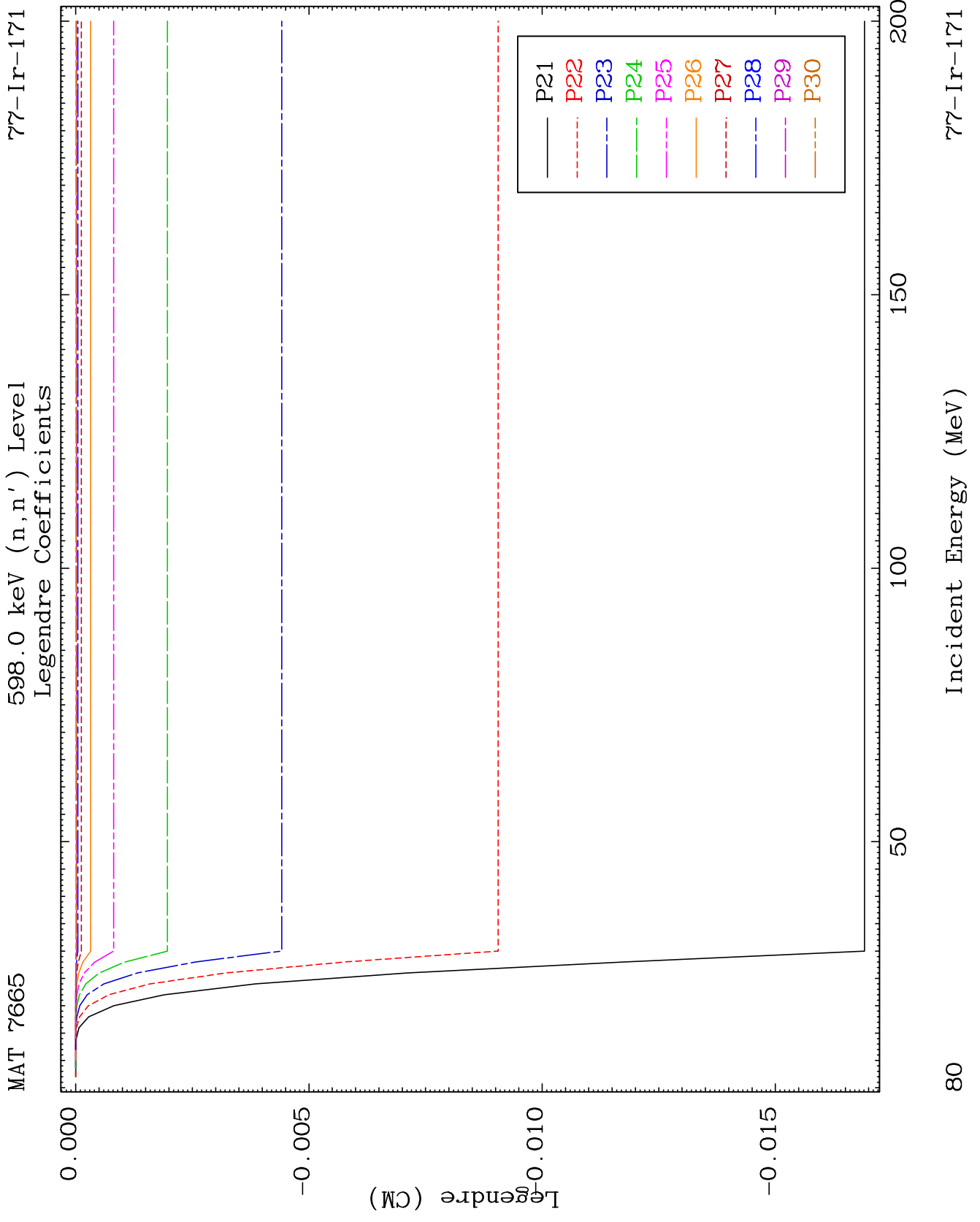
77-Ir-171

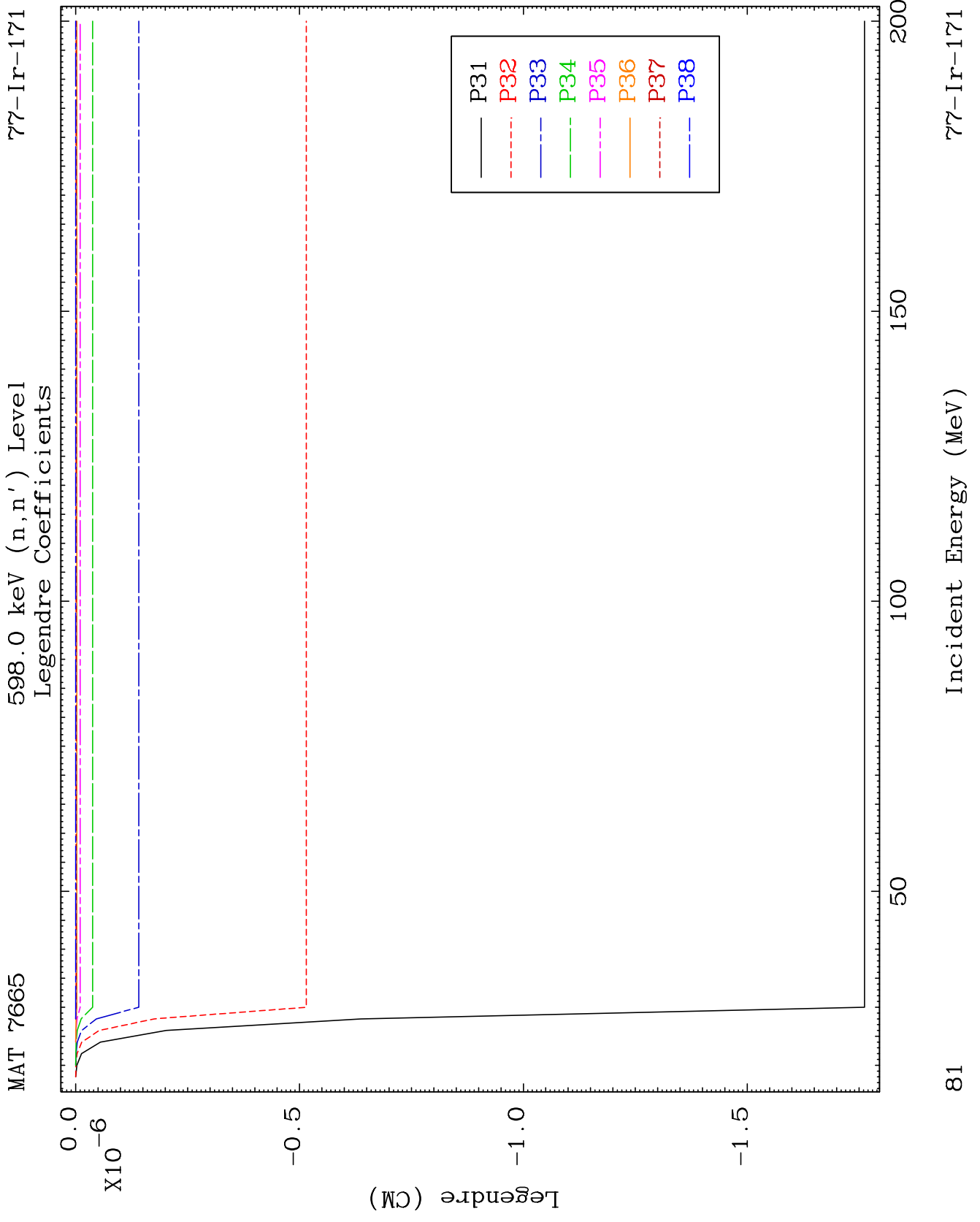


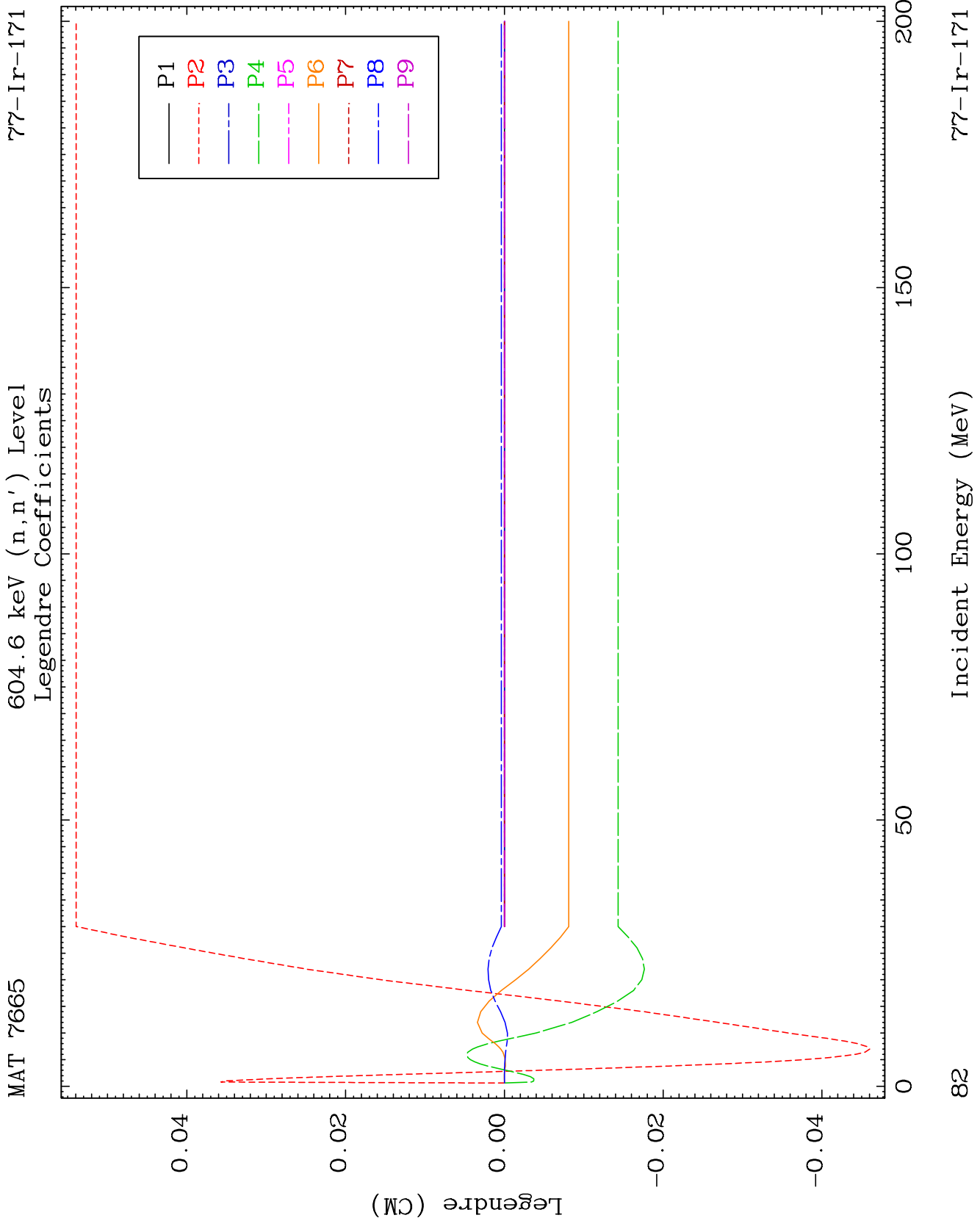
79

Incident Energy (MeV)

77-Ir-171



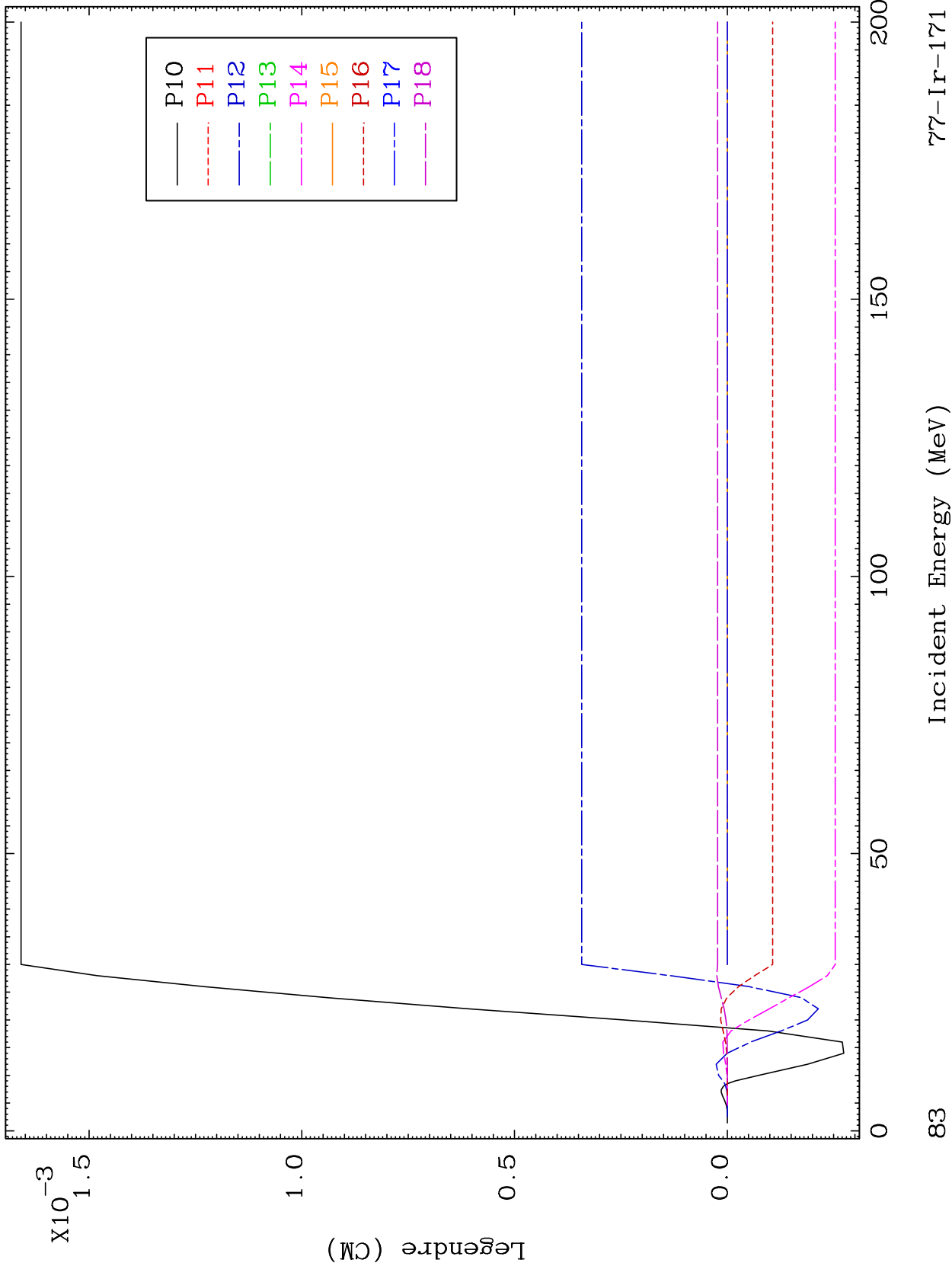




MAT 7665

604.6 keV (n,n') Level
Legendre Coefficients

77-Ir-171



83

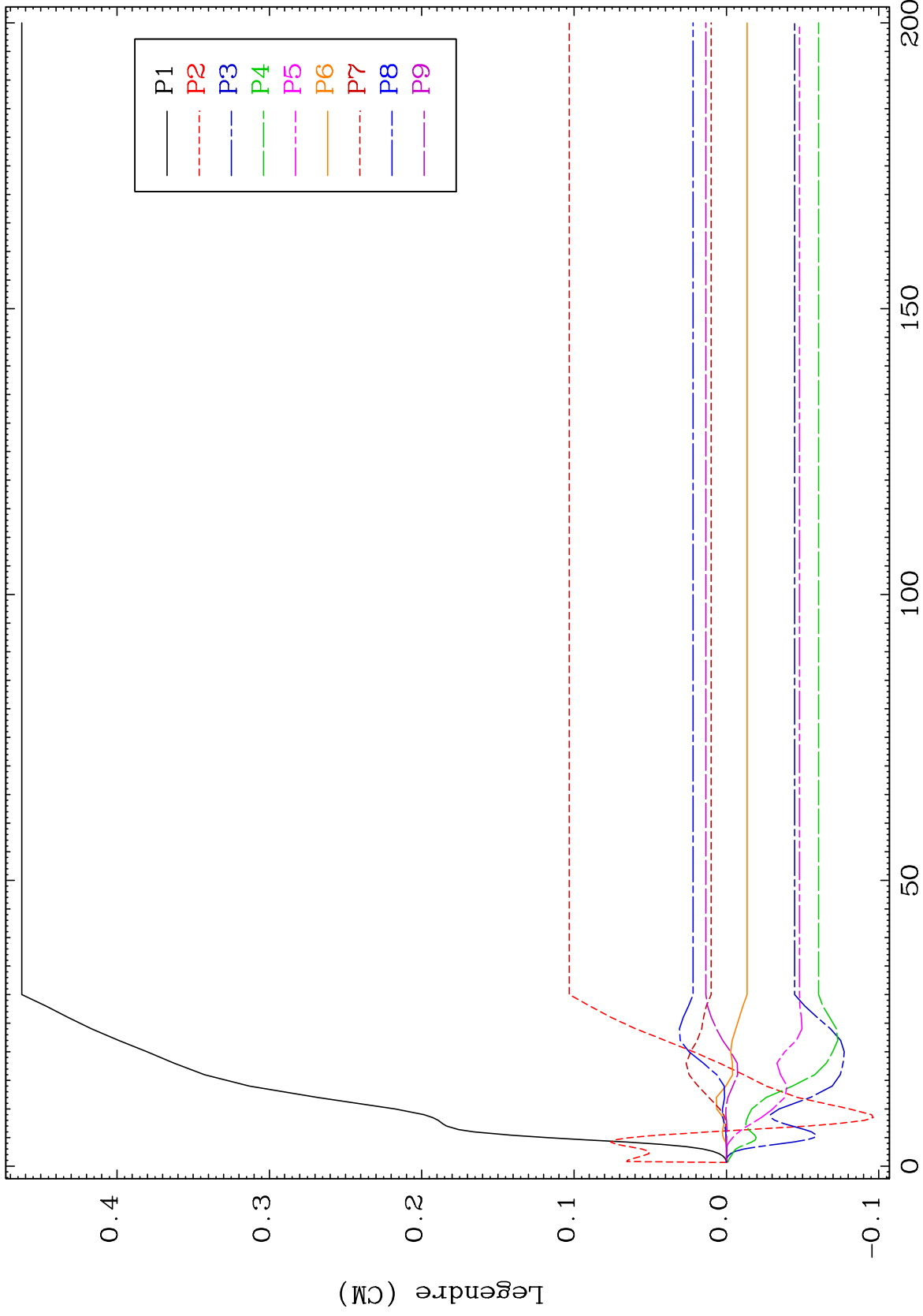
Incident Energy (MeV)

77-Ir-171

MAT 7665

630.7 keV (n,n') Level
Legendre Coefficients

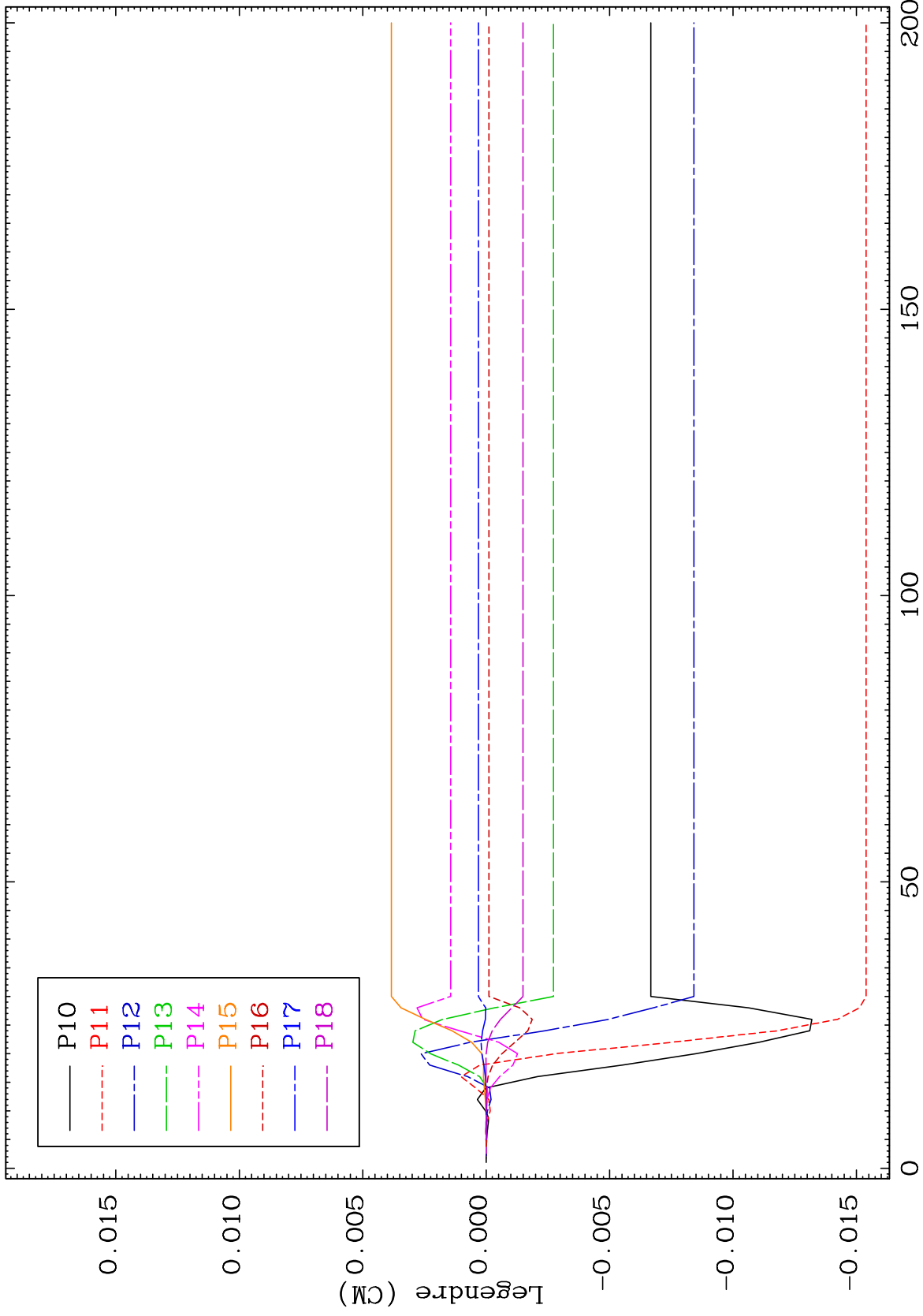
77-Ir-171

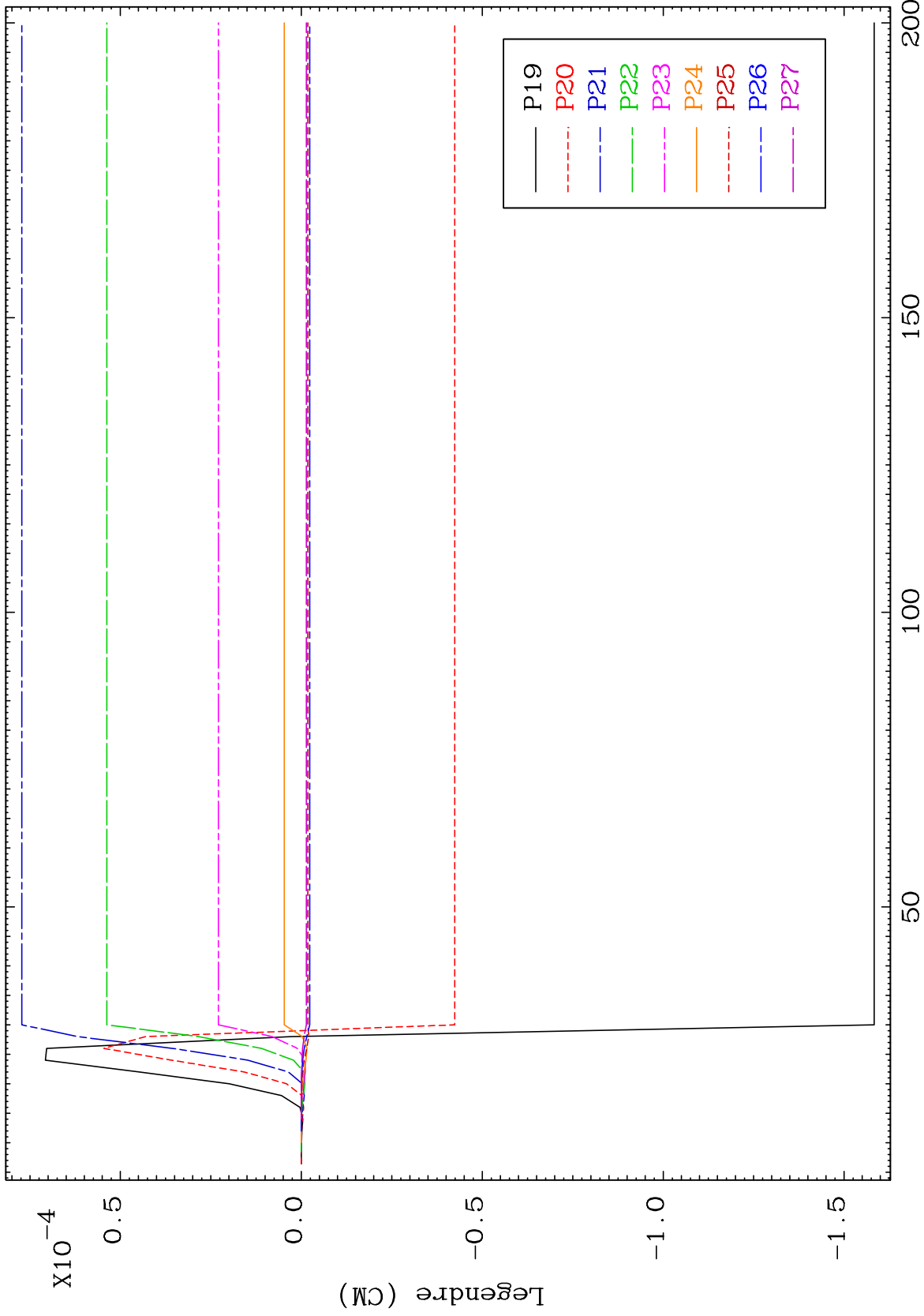


85

Incident Energy (MeV)

77-Ir-171

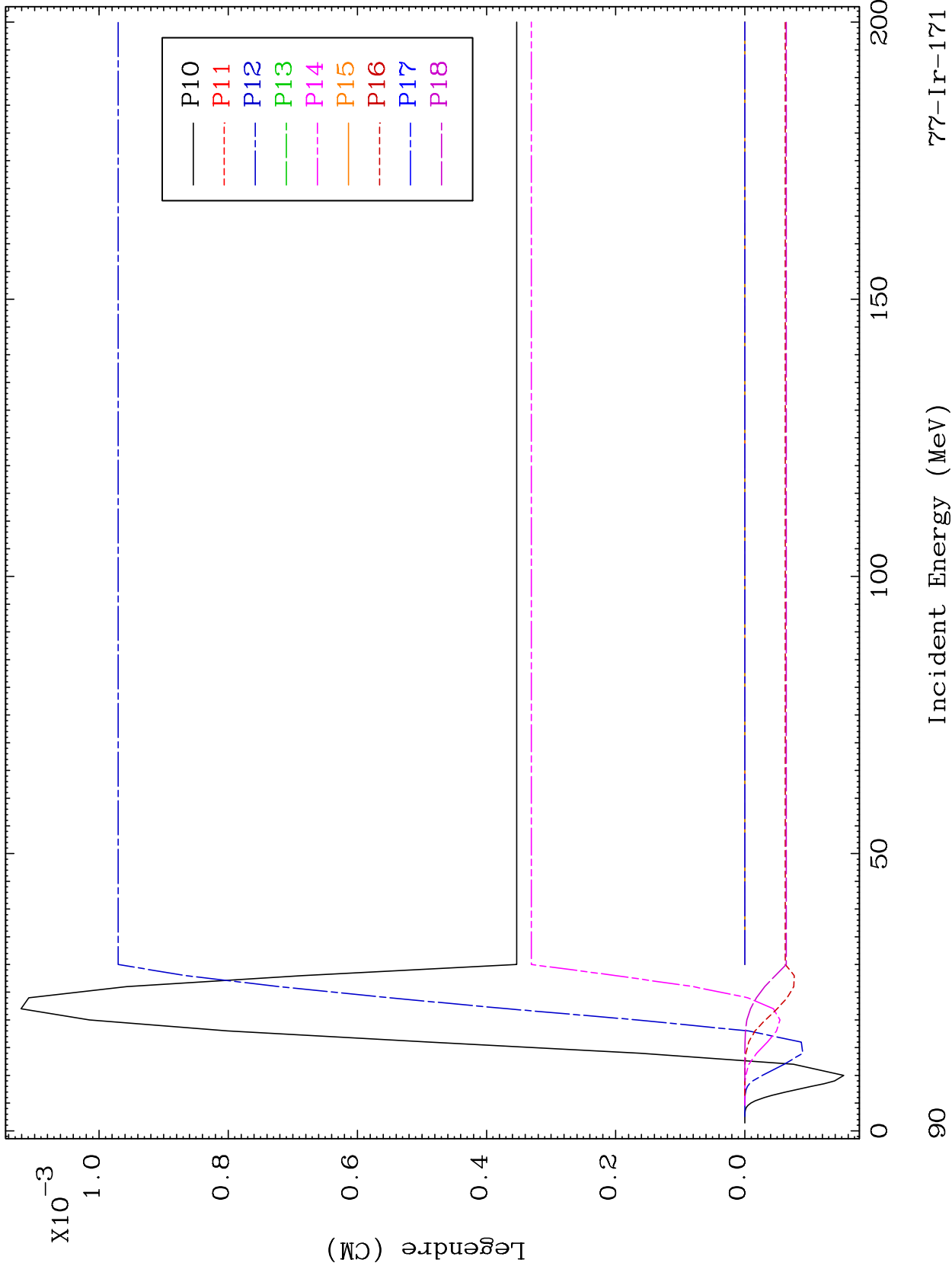


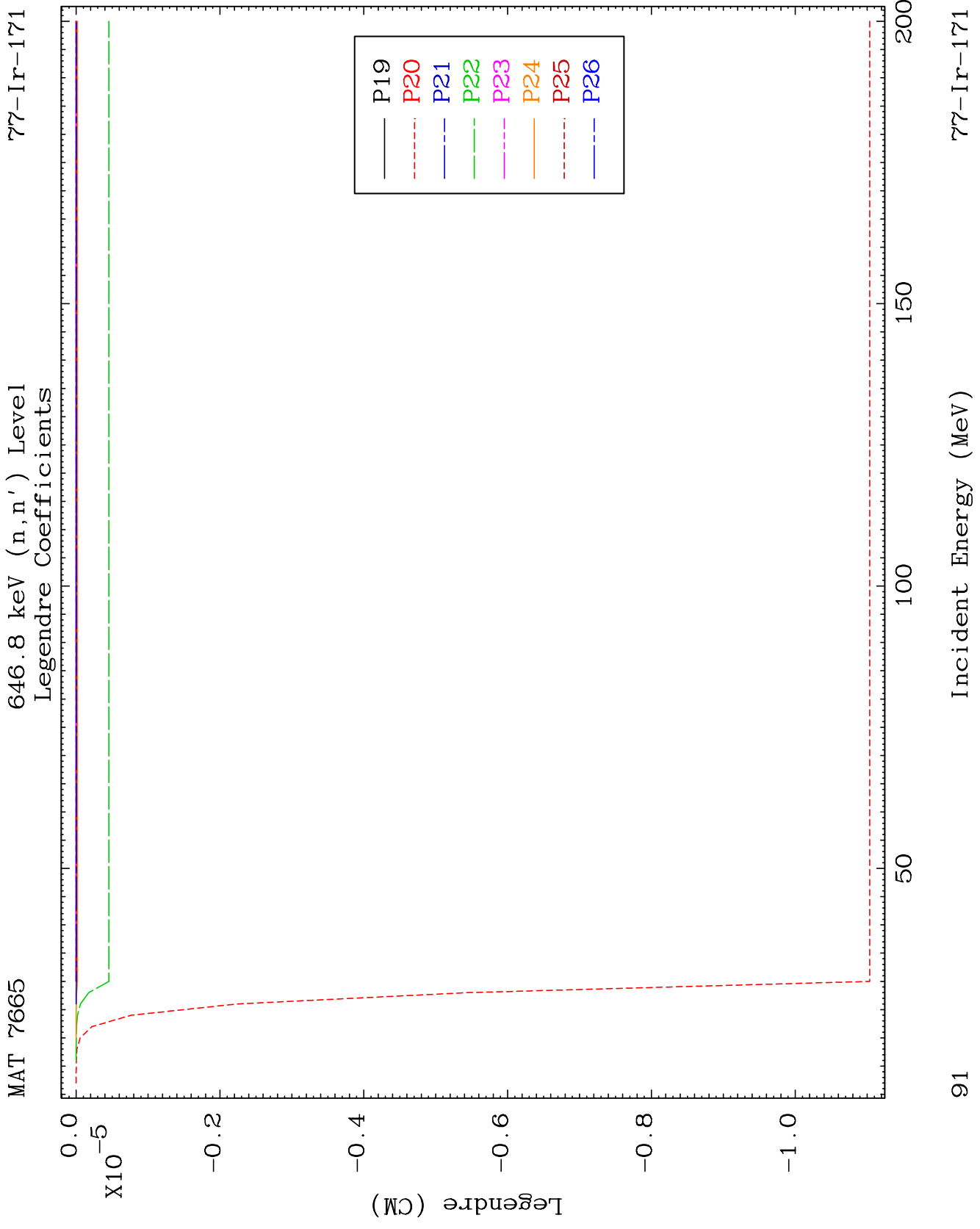


MAT 7665

646.8 keV (n,n') Level
Legendre Coefficients

77-Ir-171

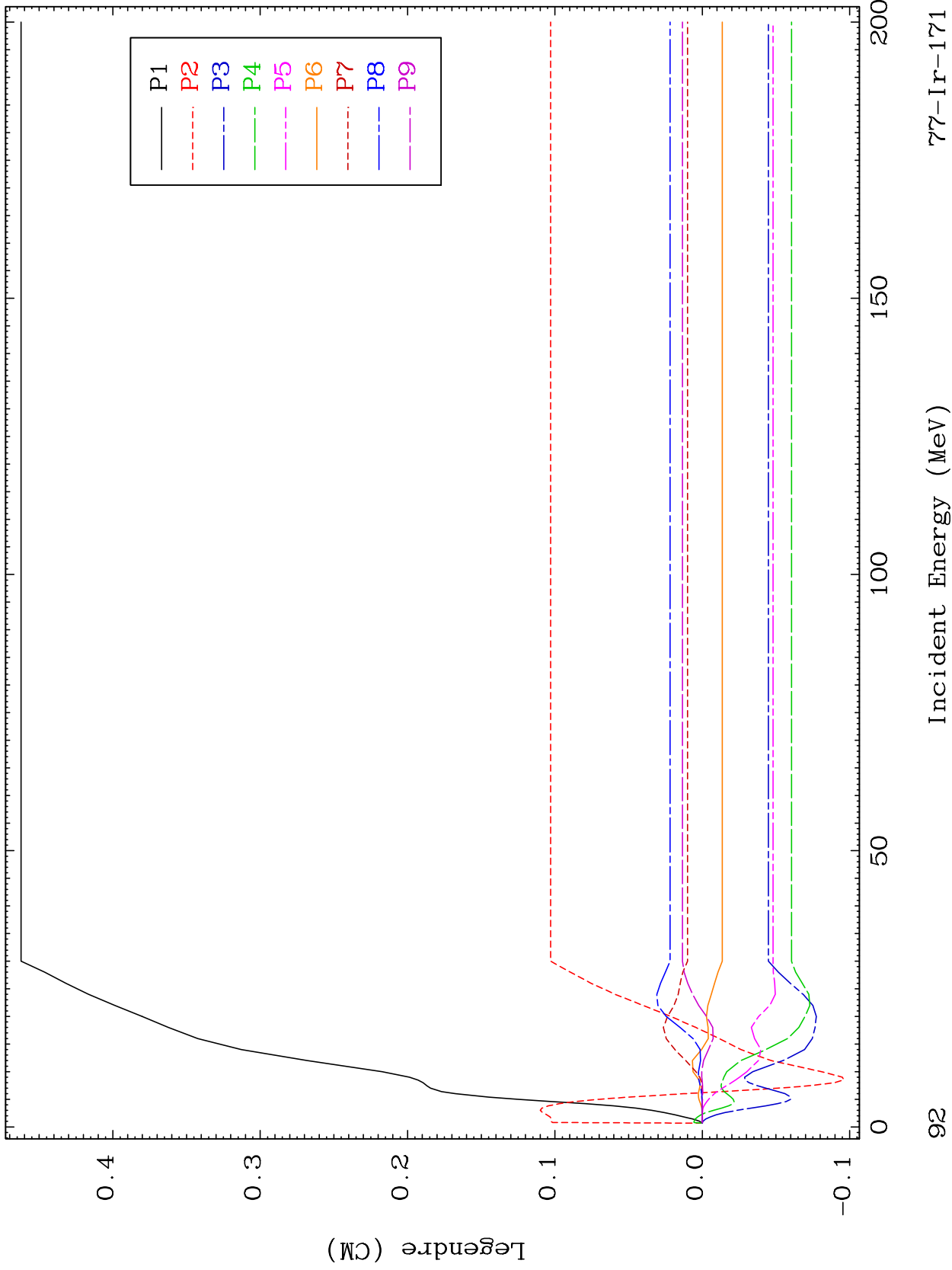




MAT 7665

666.7 keV (n,n') Level
Legendre Coefficients

77-Ir-171



92

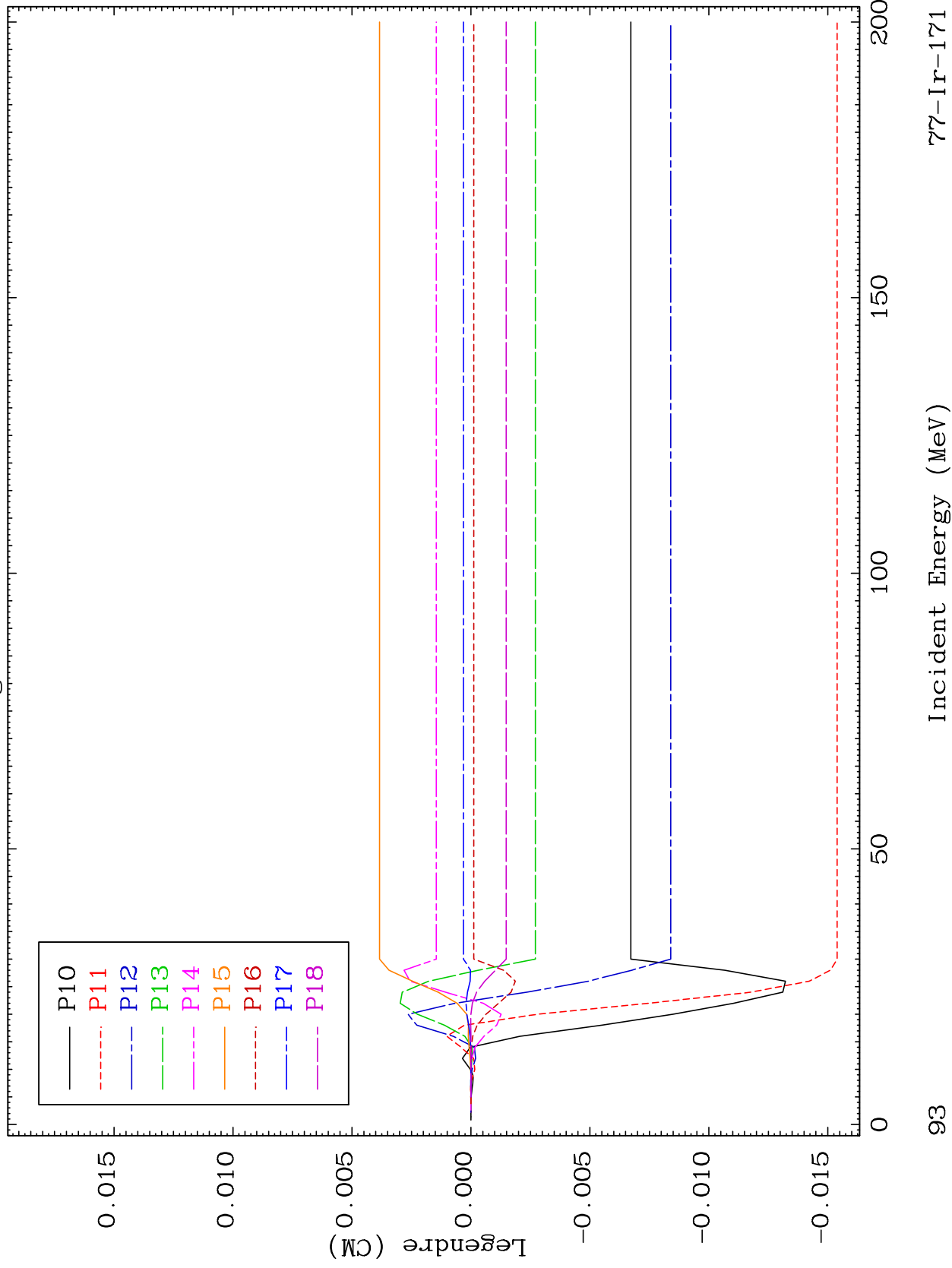
Incident Energy (MeV)

77-Ir-171

MAT 7665

666.7 keV (n,n') Level
Legendre Coefficients

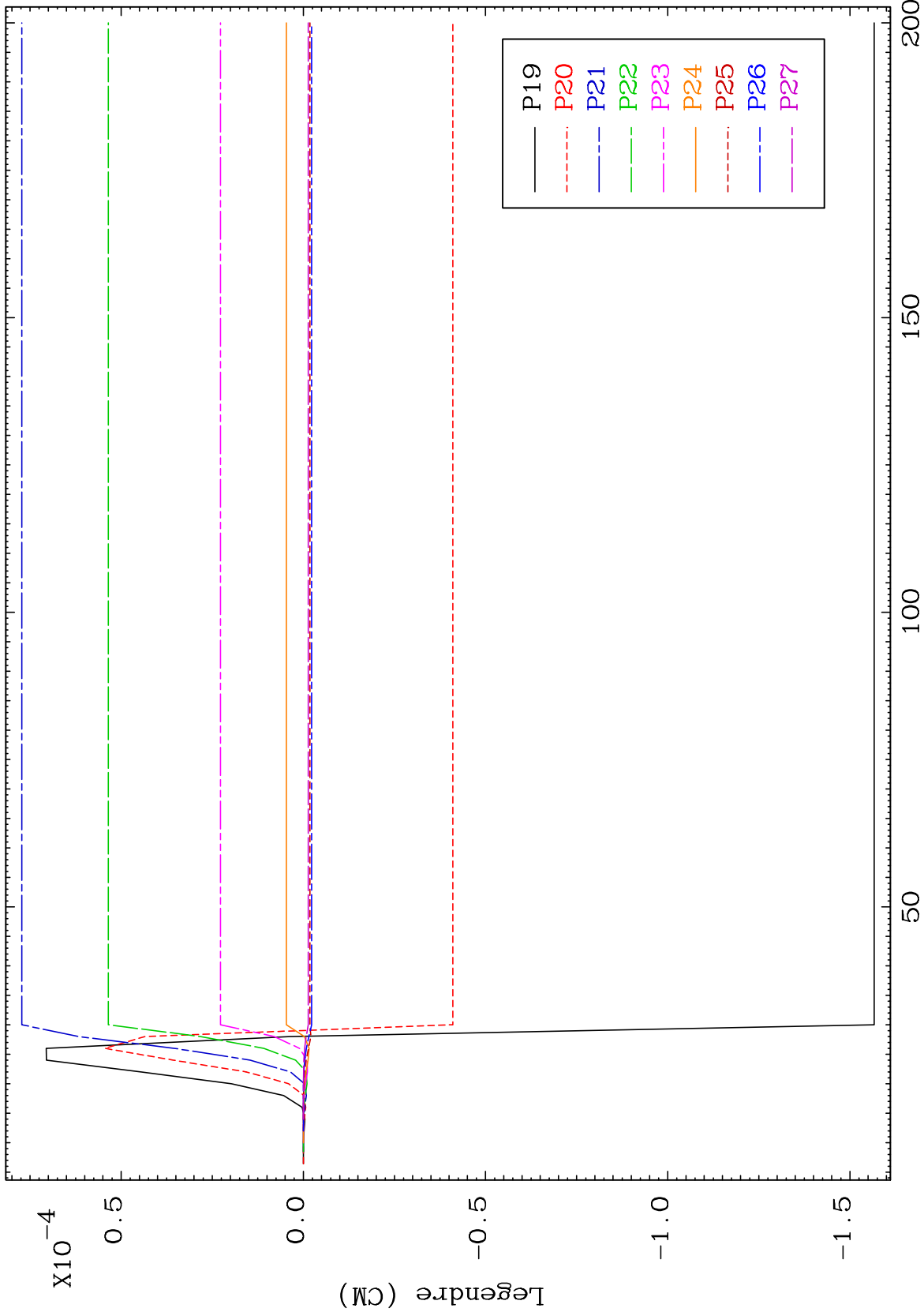
77-Ir-171

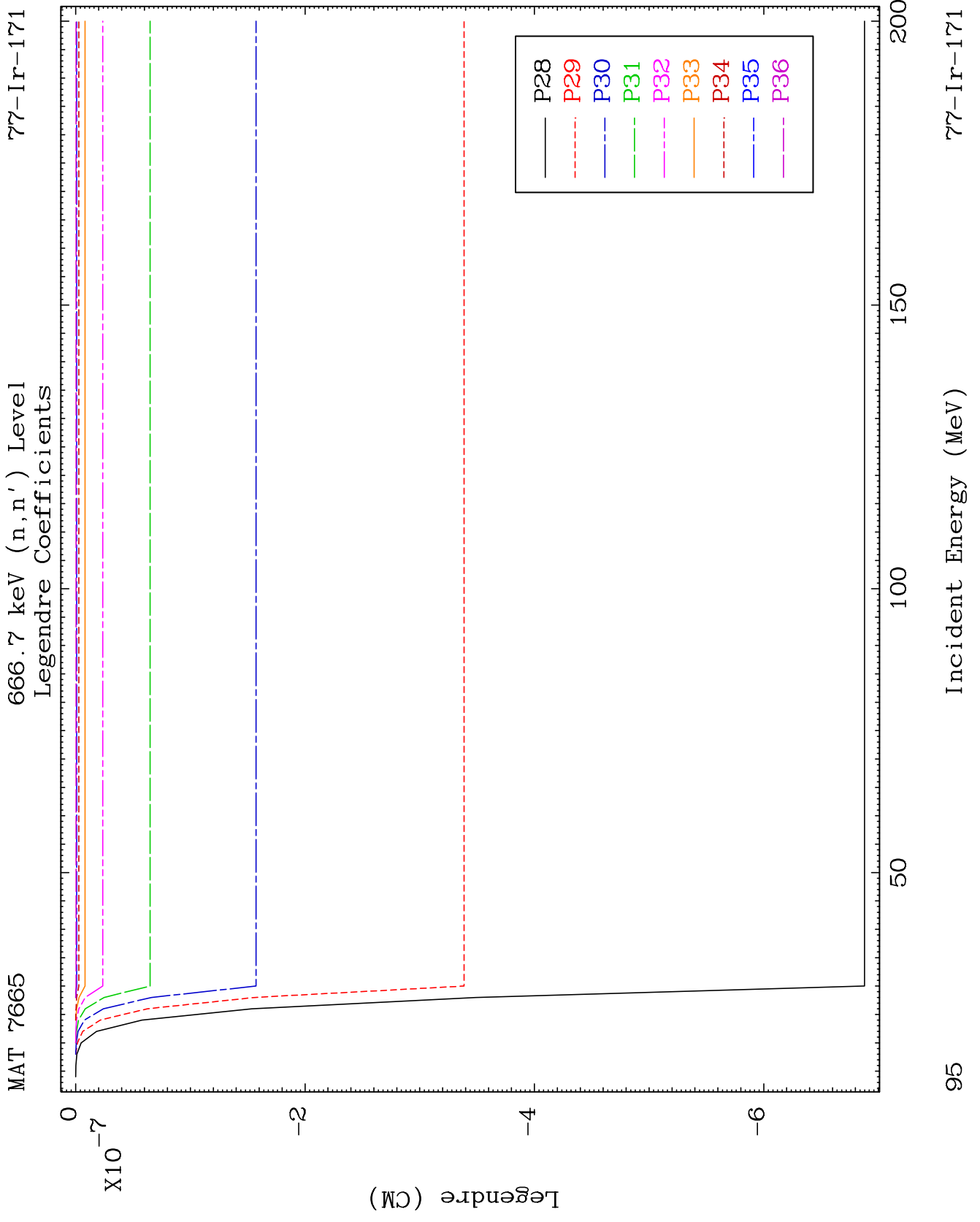


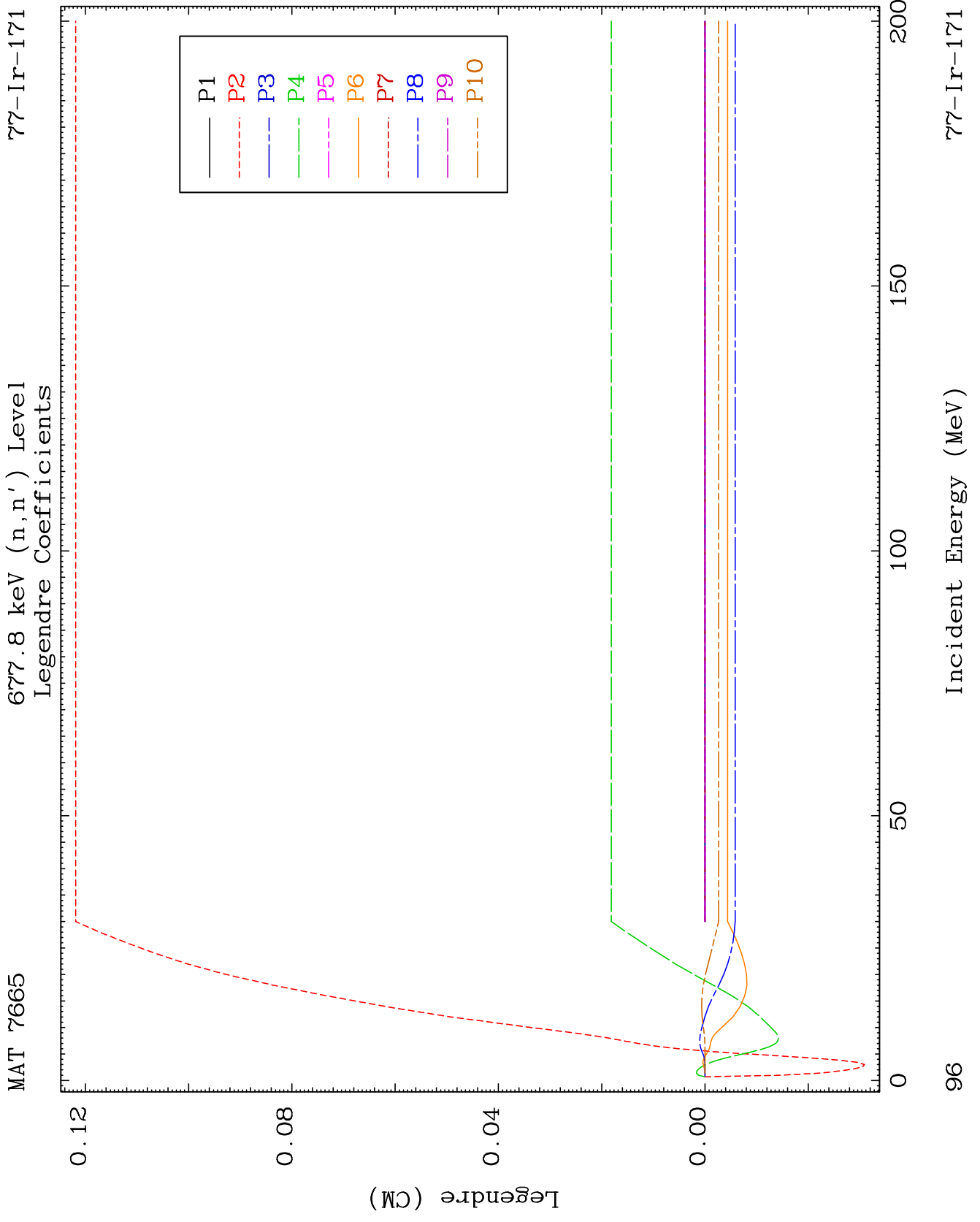
93

Incident Energy (MeV)

77-Ir-171



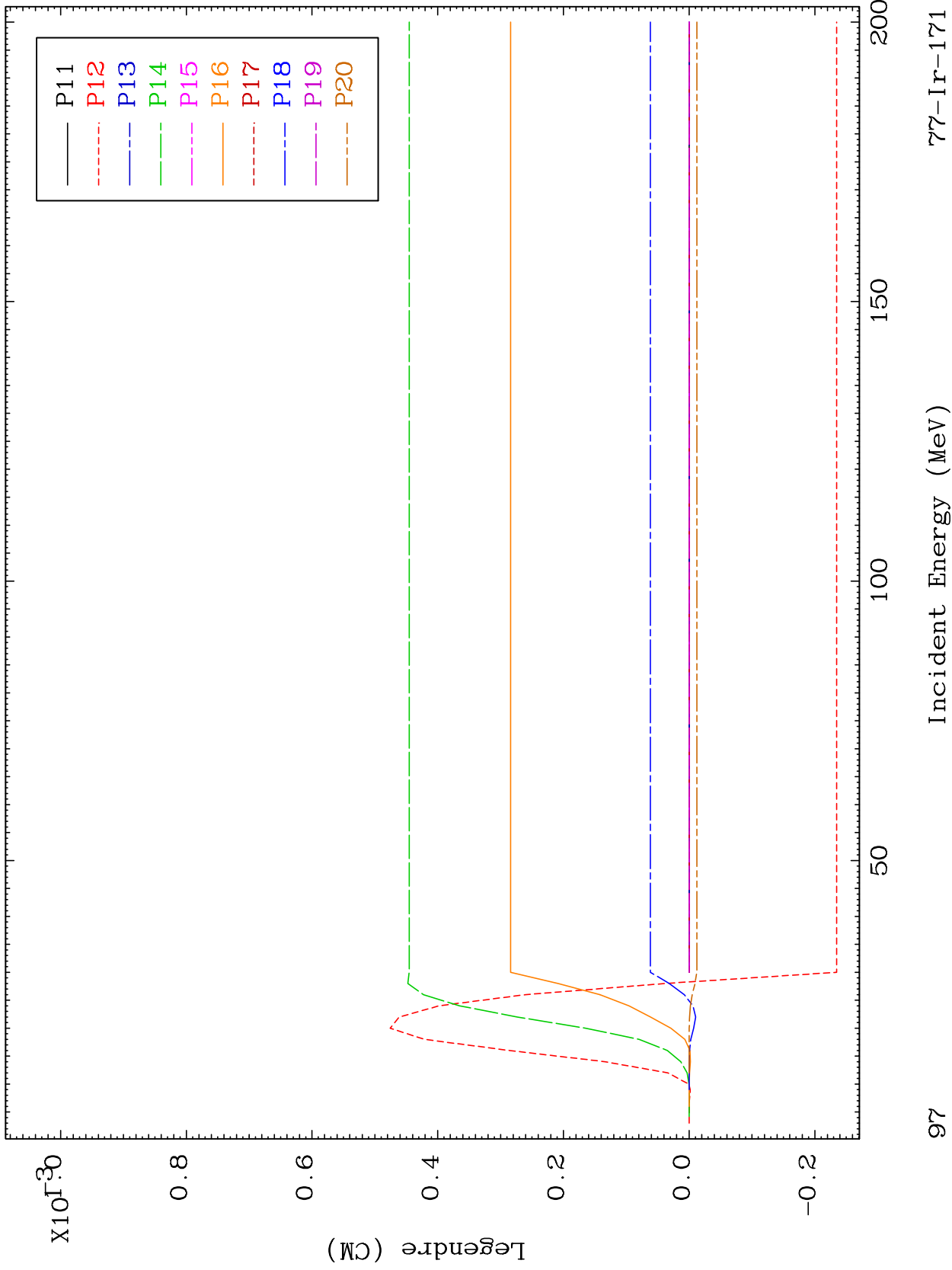




MAT 7665

677.8 keV (n,n') Level
Legendre Coefficients

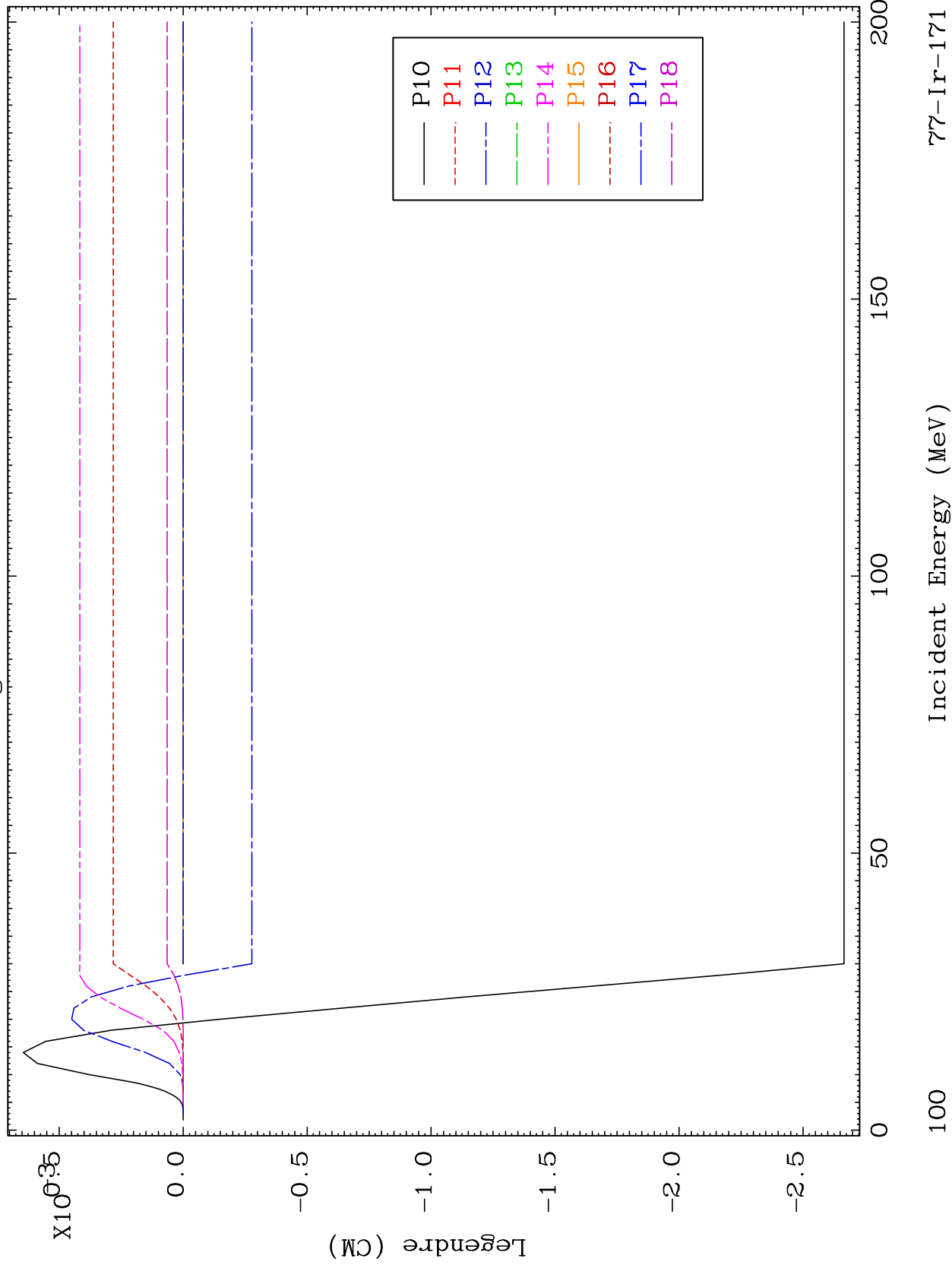
77-Ir-171



MAT 7665

704.9 keV (n,n') Level
Legendre Coefficients

77-Ir-171



77-Ir-171

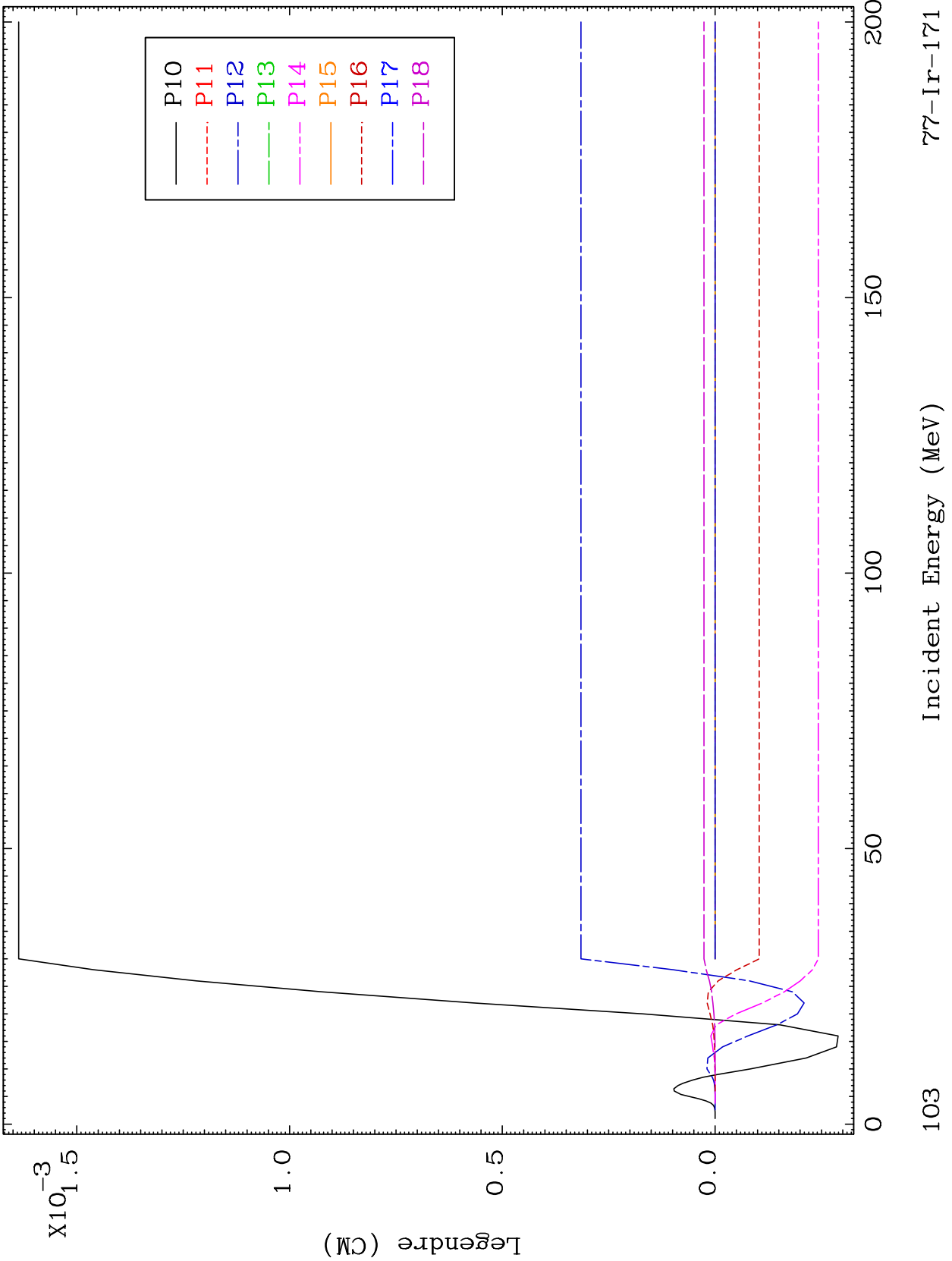
Incident Energy (MeV)

100

MAT 7665

729.3 keV (n,n') Level
Legendre Coefficients

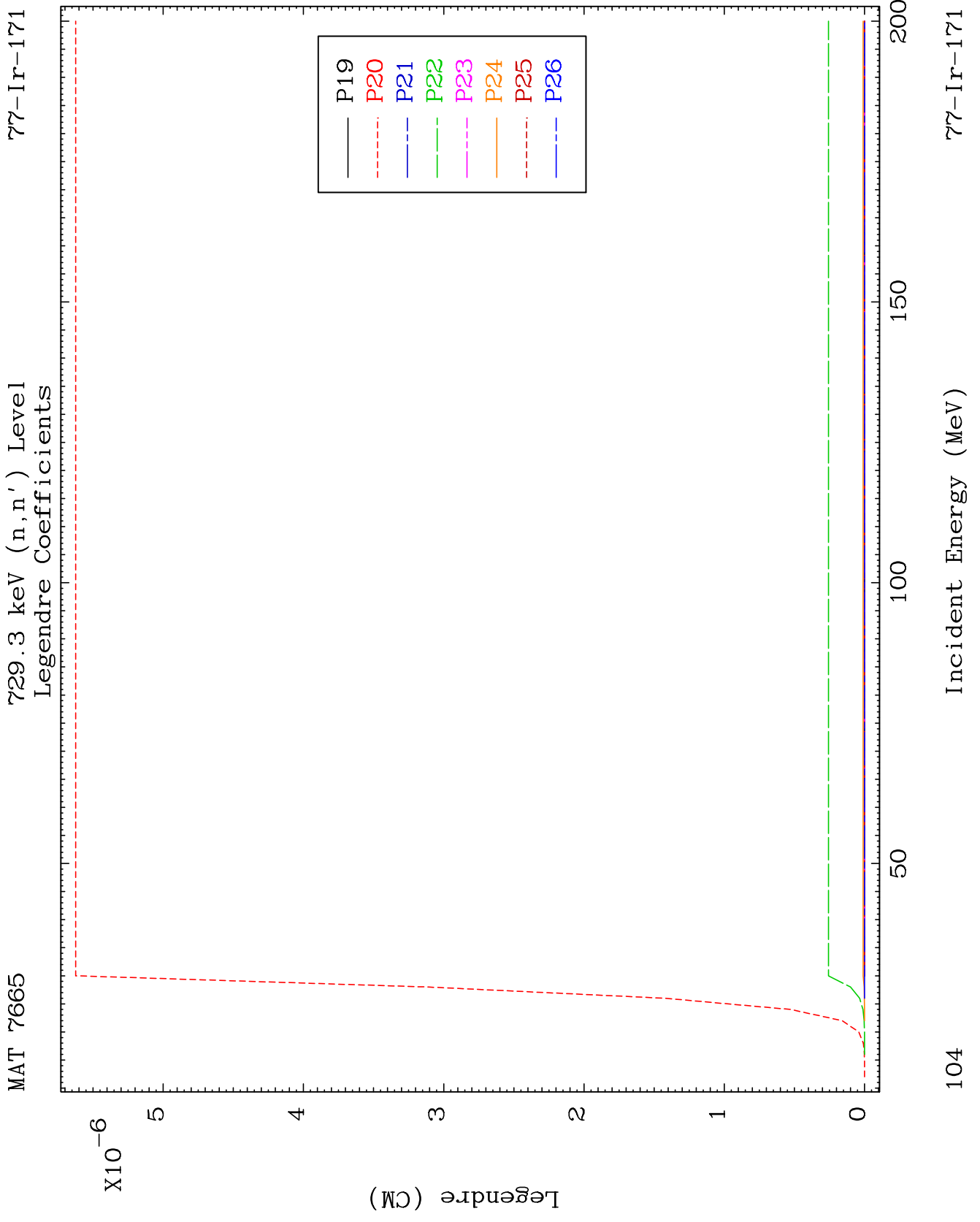
77-Ir-171



77-Ir-171

Incident Energy (MeV)

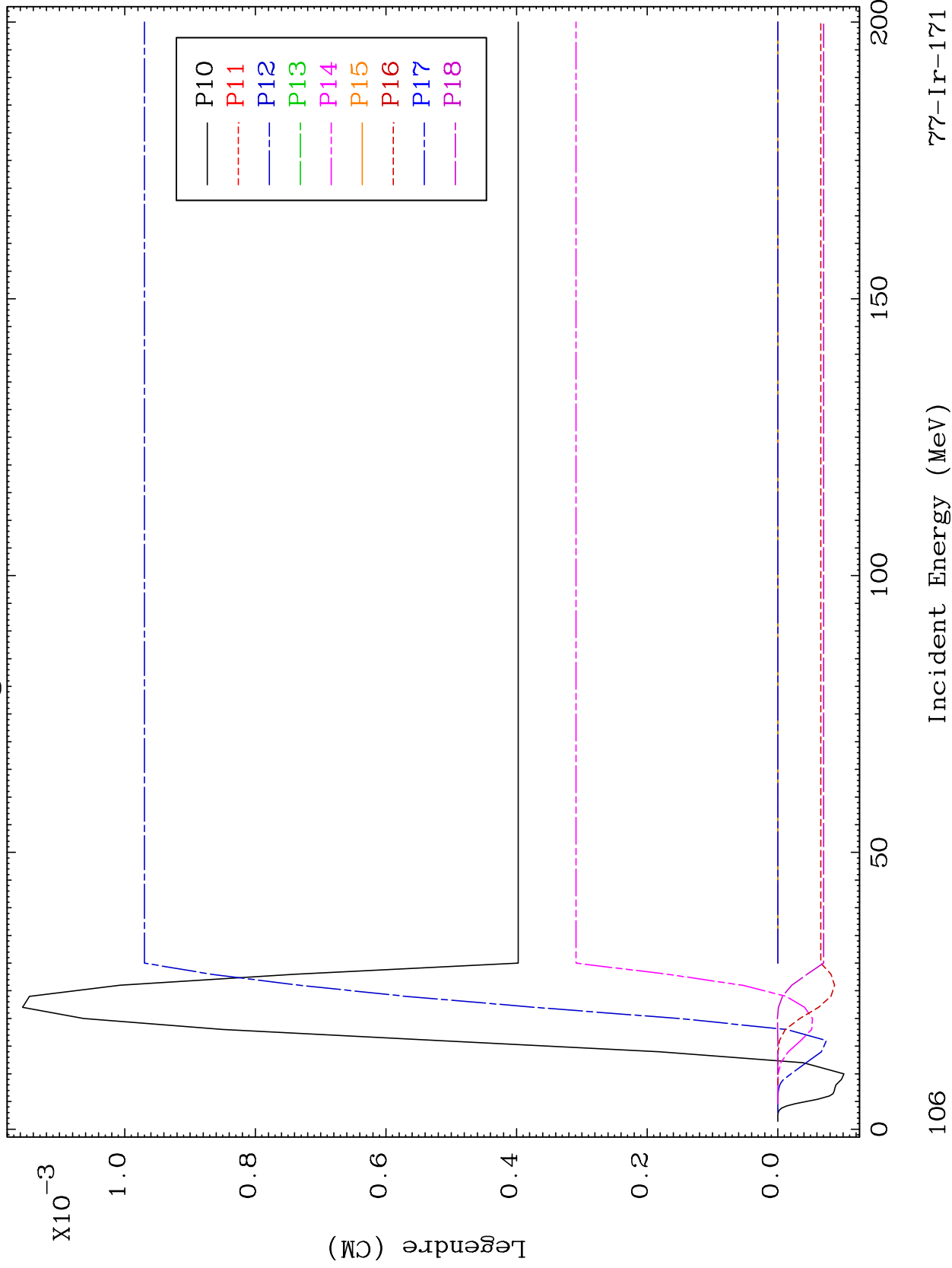
103



MAT 7665

733.2 keV (n,n') Level
Legendre Coefficients

77-Ir-171



77-Ir-171

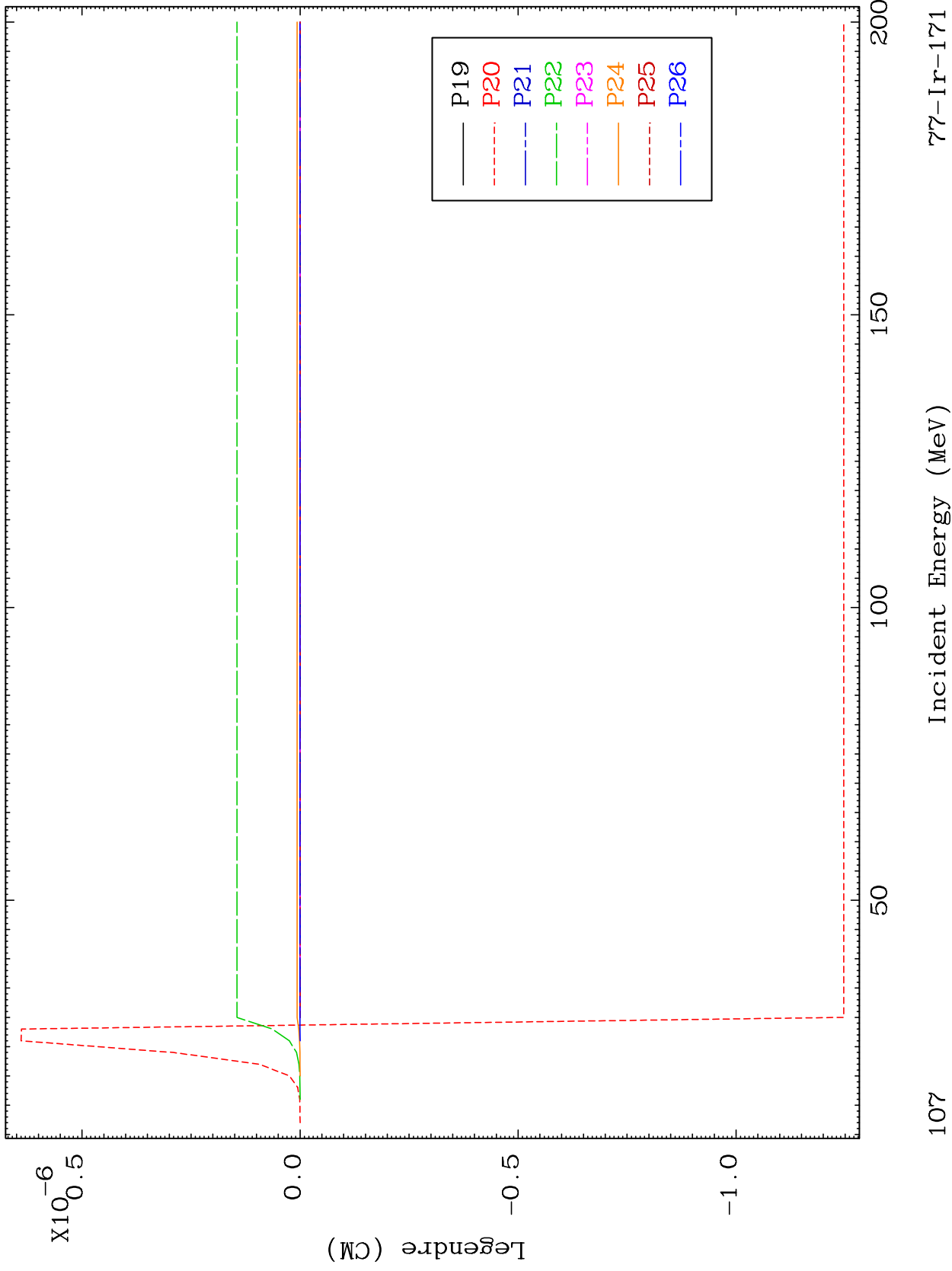
Incident Energy (MeV)

106

MAT 7665

733.2 keV (n,n') Level
Legendre Coefficients

77-Ir-171



107

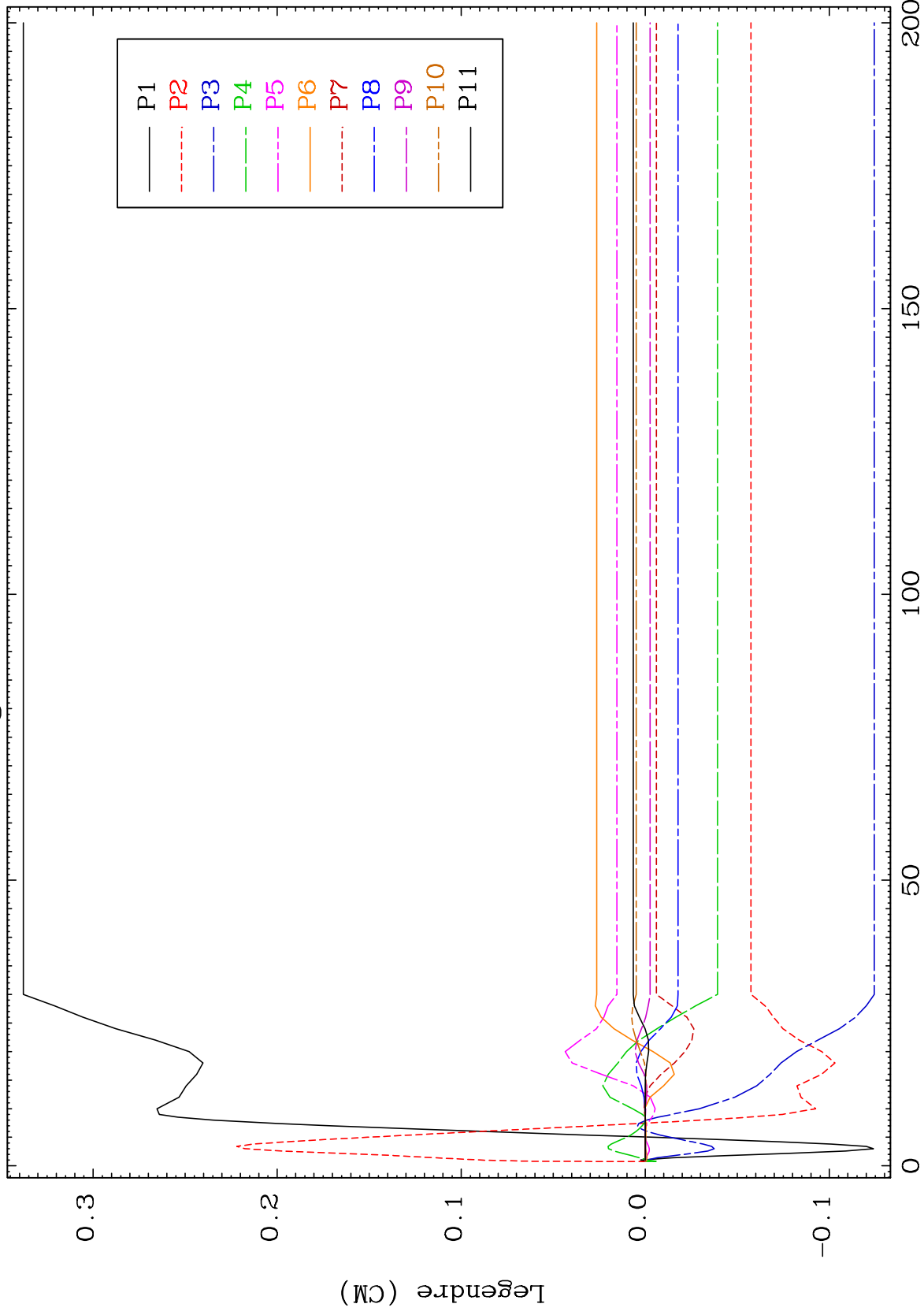
Incident Energy (MeV)

77-Ir-171

MAT 7665

736.0 keV (n,n') Level
Legendre Coefficients

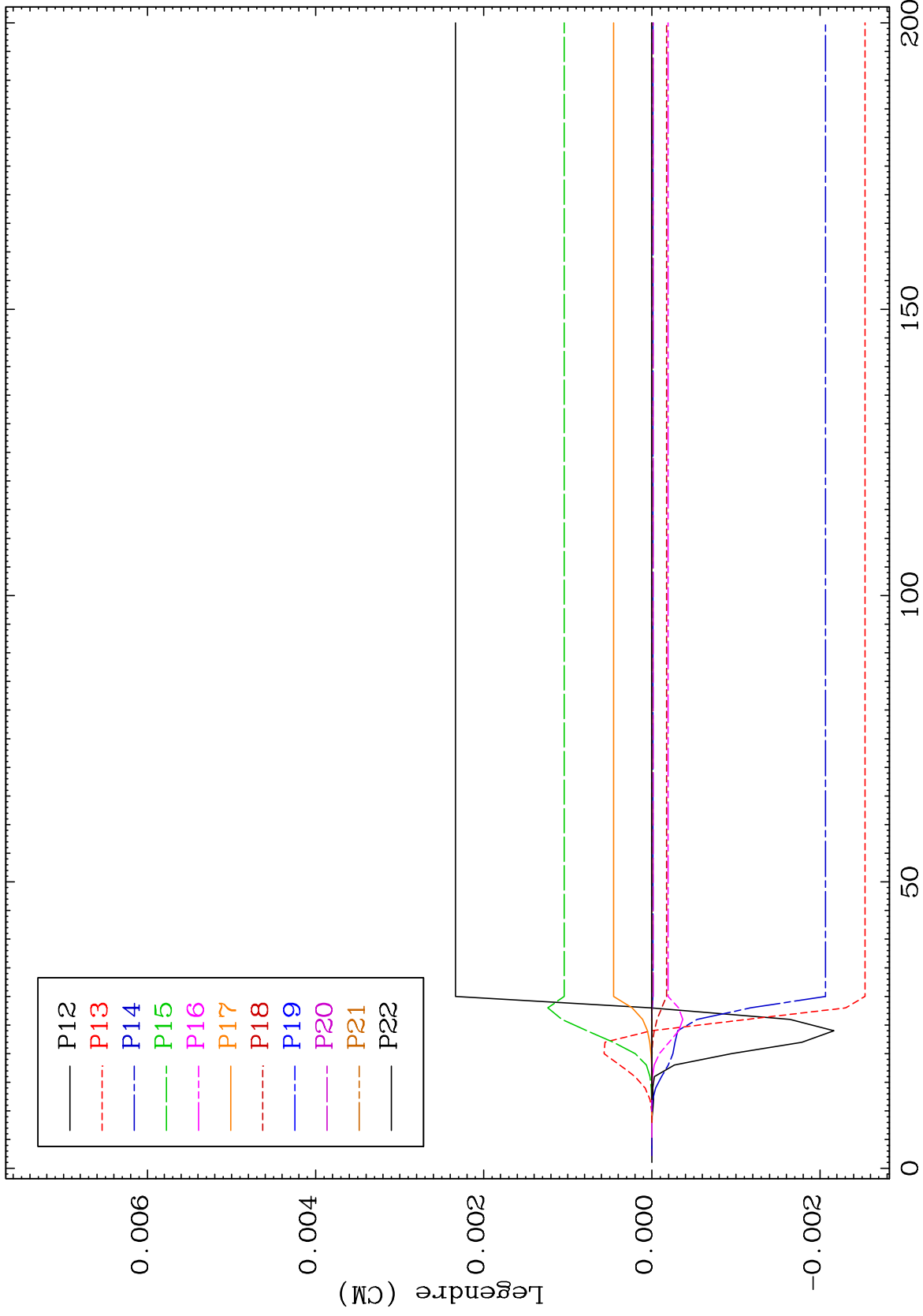
77-Ir-171



77-Ir-171

Incident Energy (MeV)

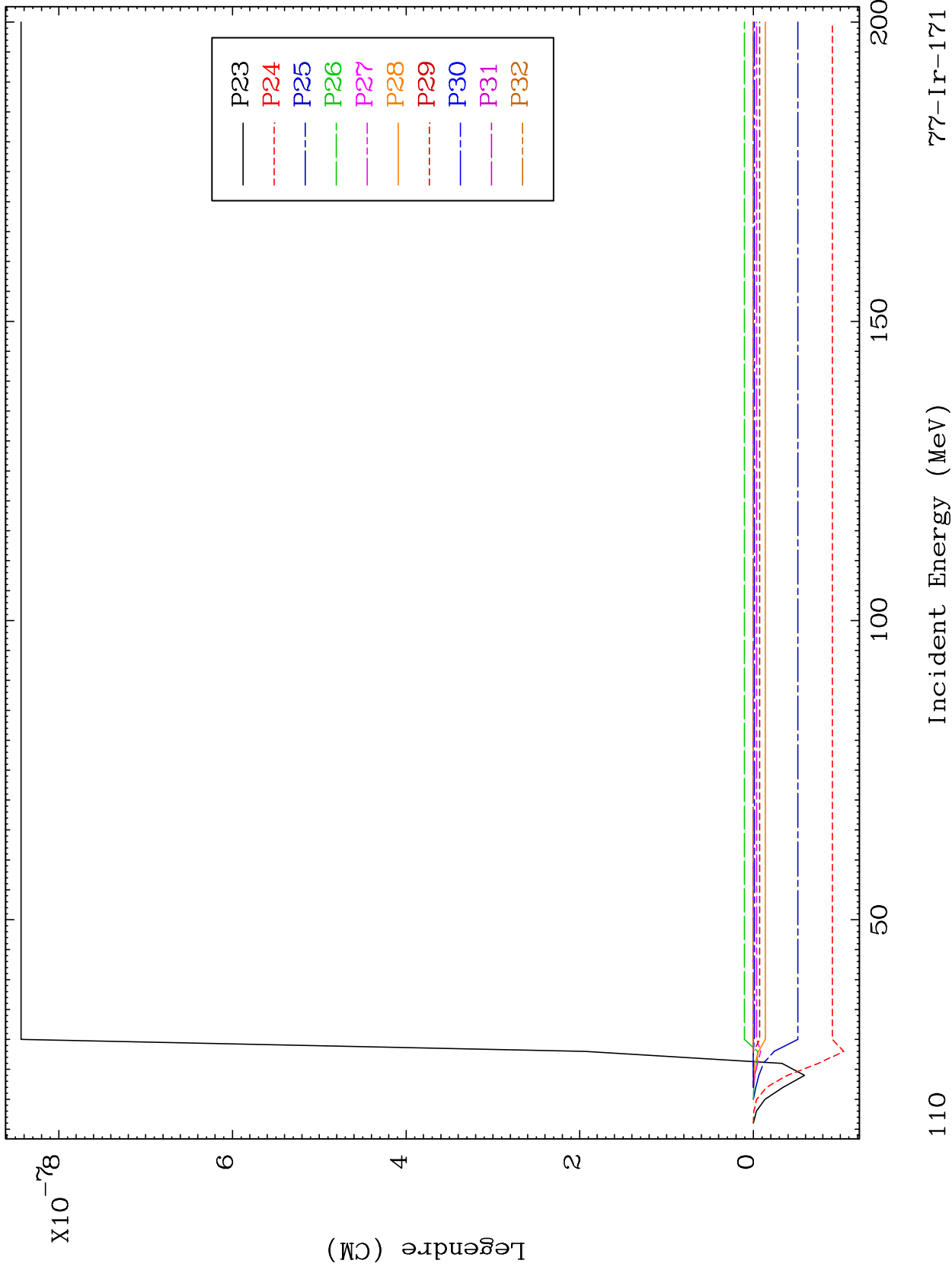
108



MAT 7665

736.0 keV (n,n') Level
Legendre Coefficients

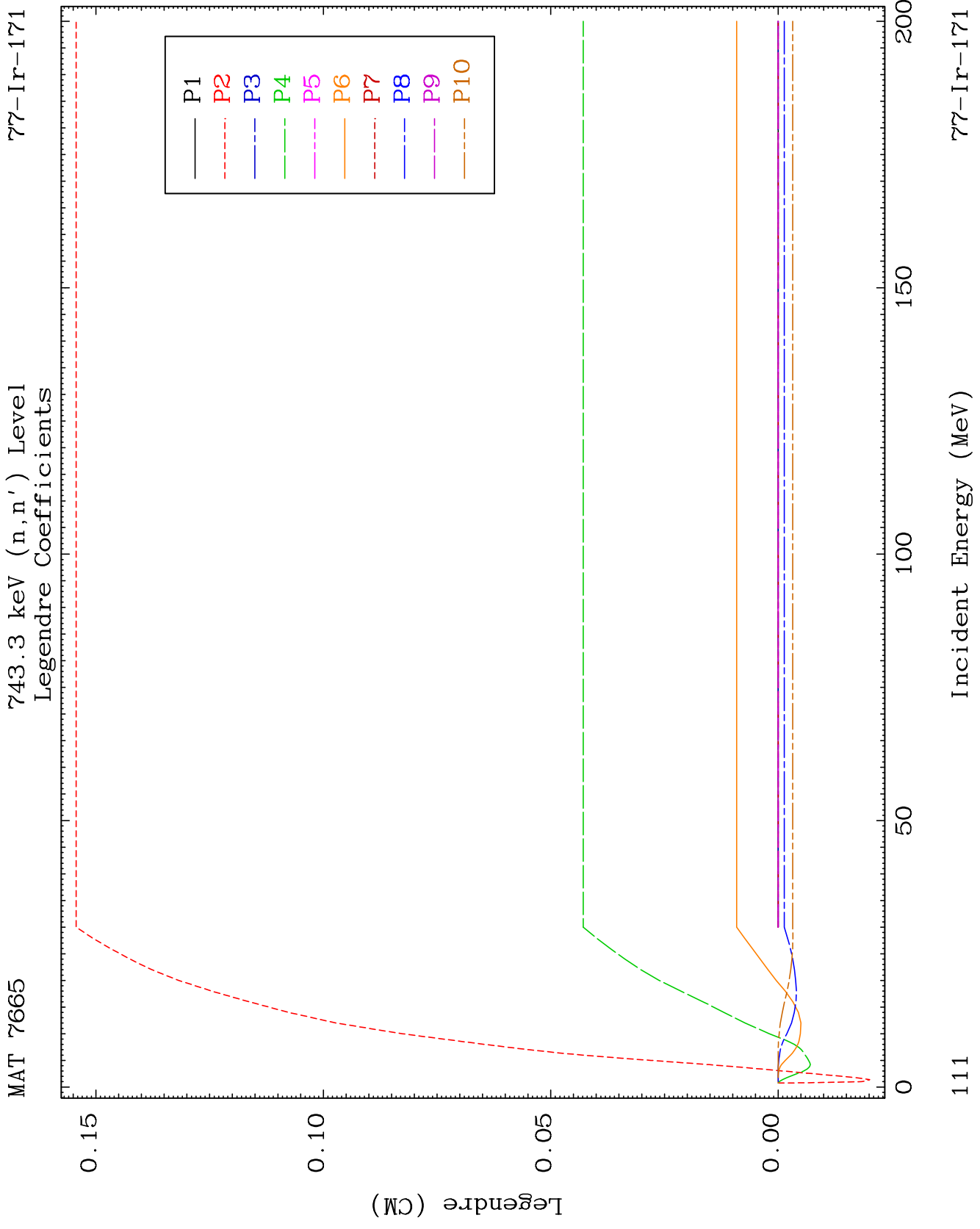
77-Ir-171

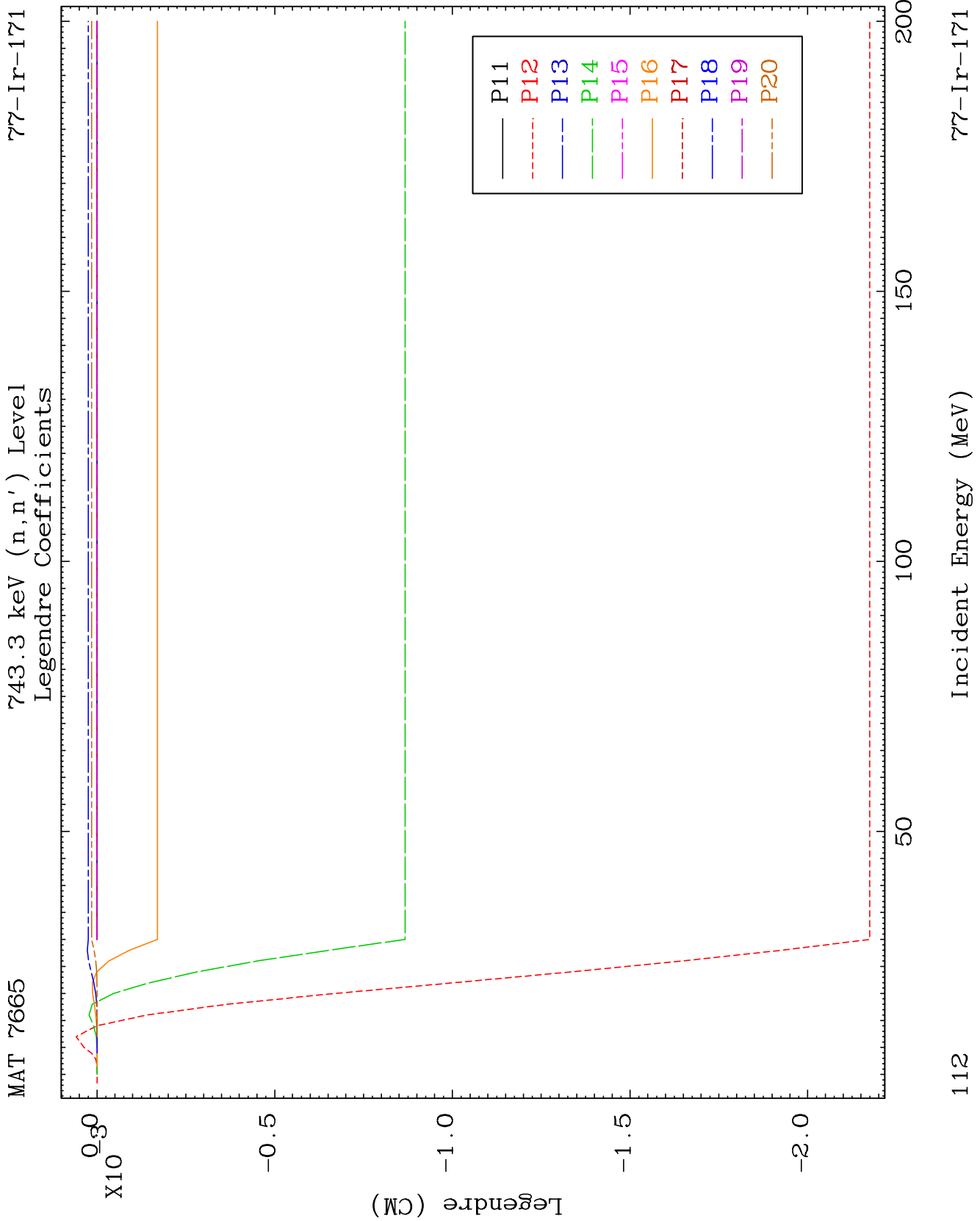


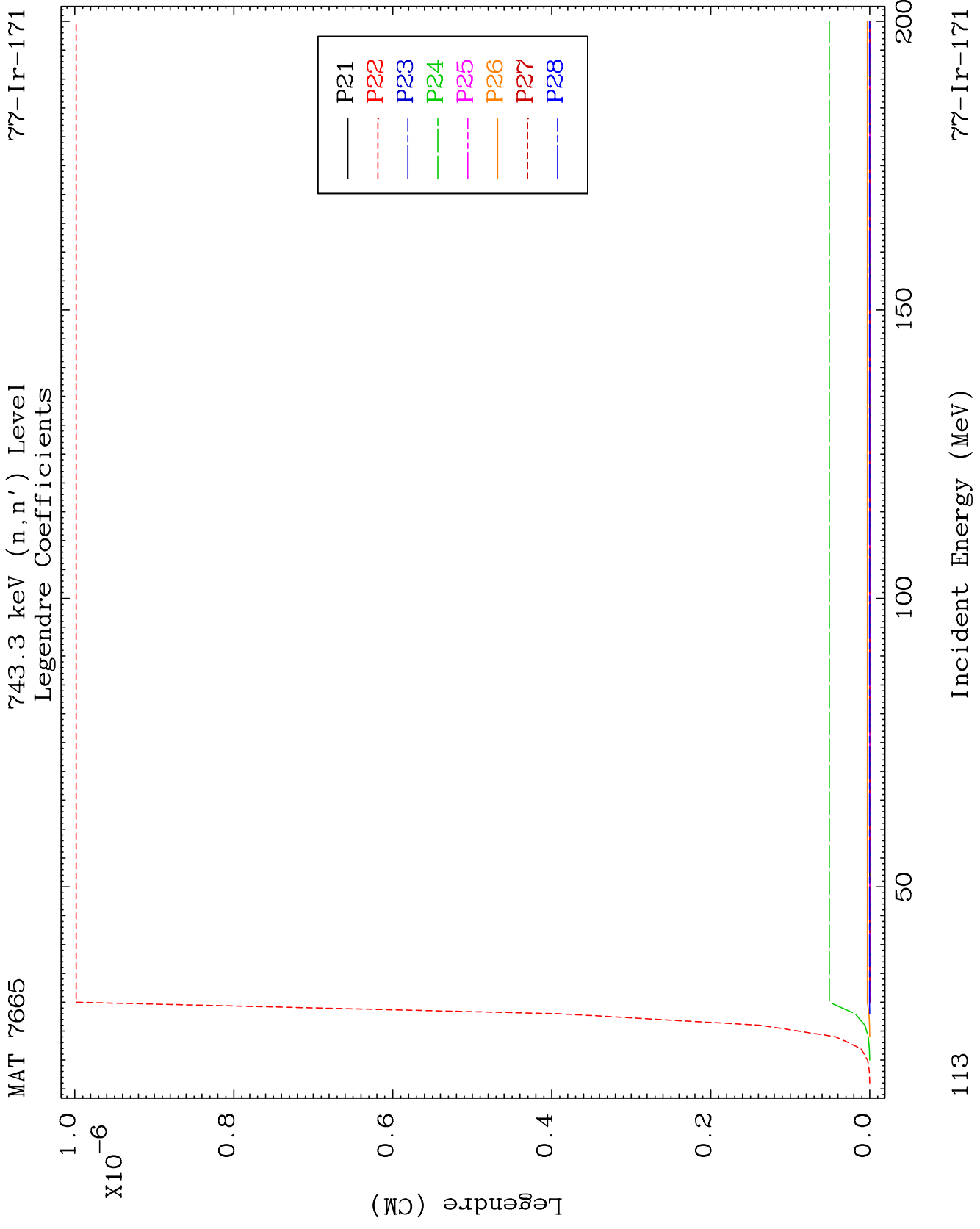
110

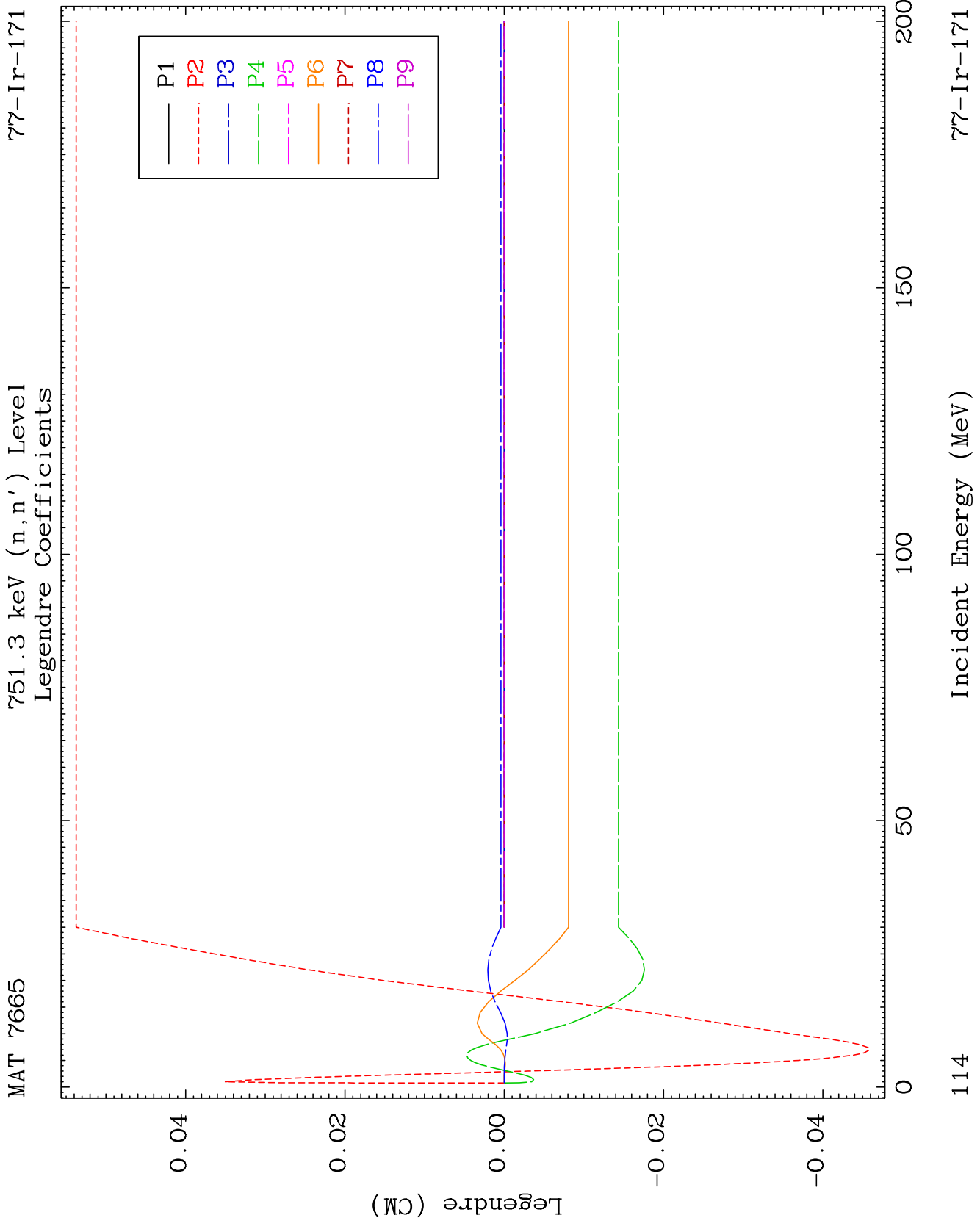
Incident Energy (MeV)

77-Ir-171





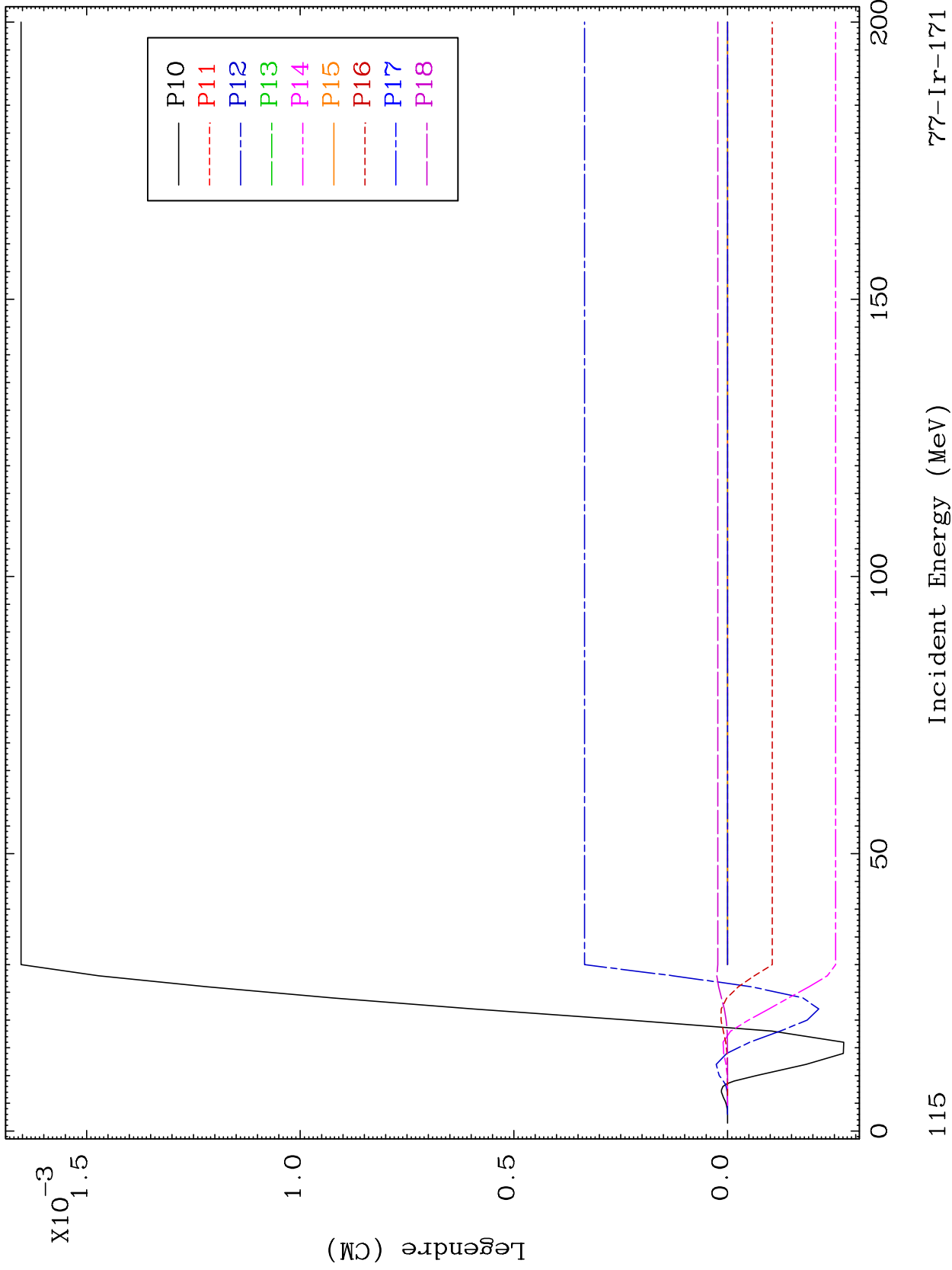




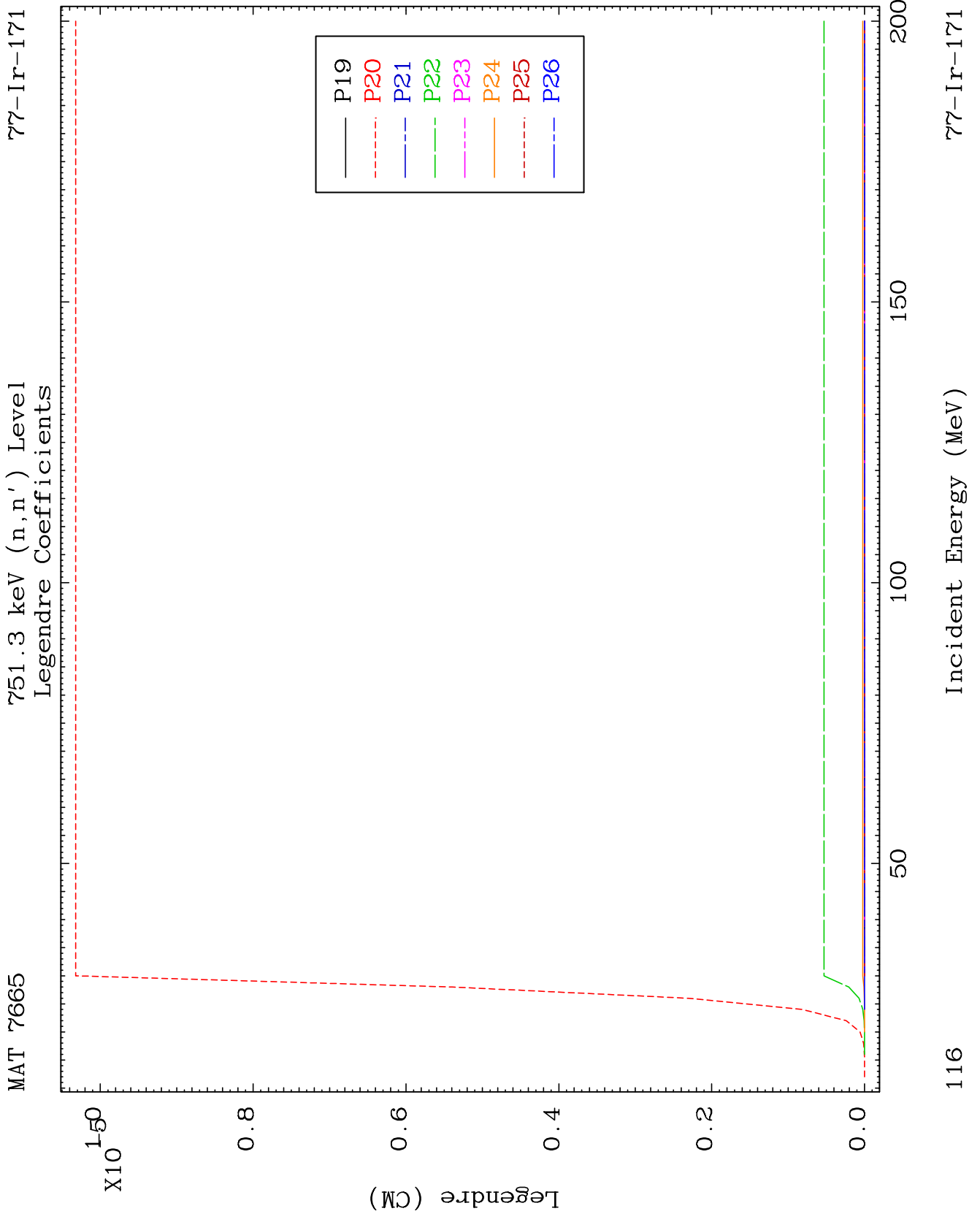
MAT 7665

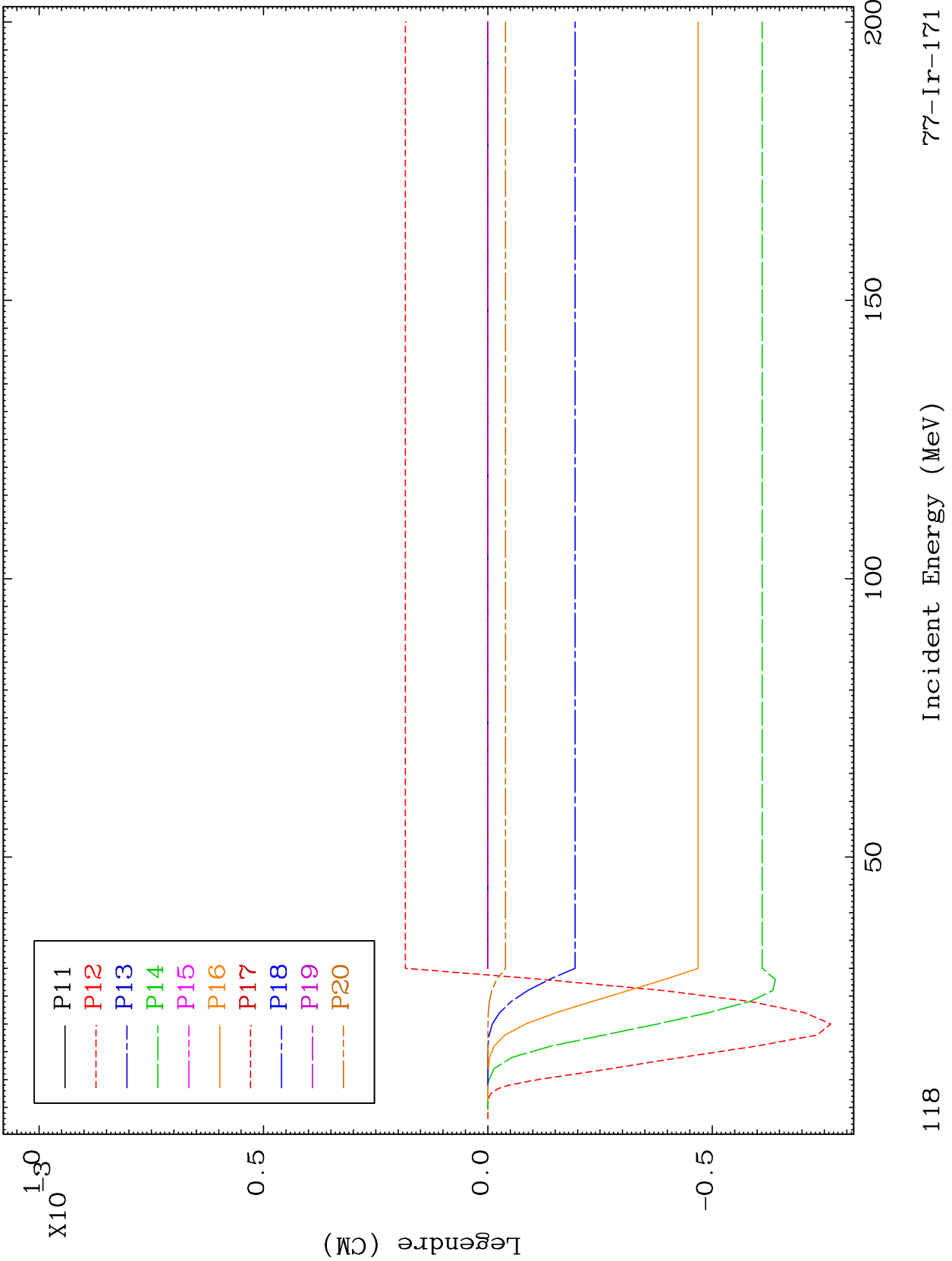
751.3 keV (n,n') Level
Legendre Coefficients

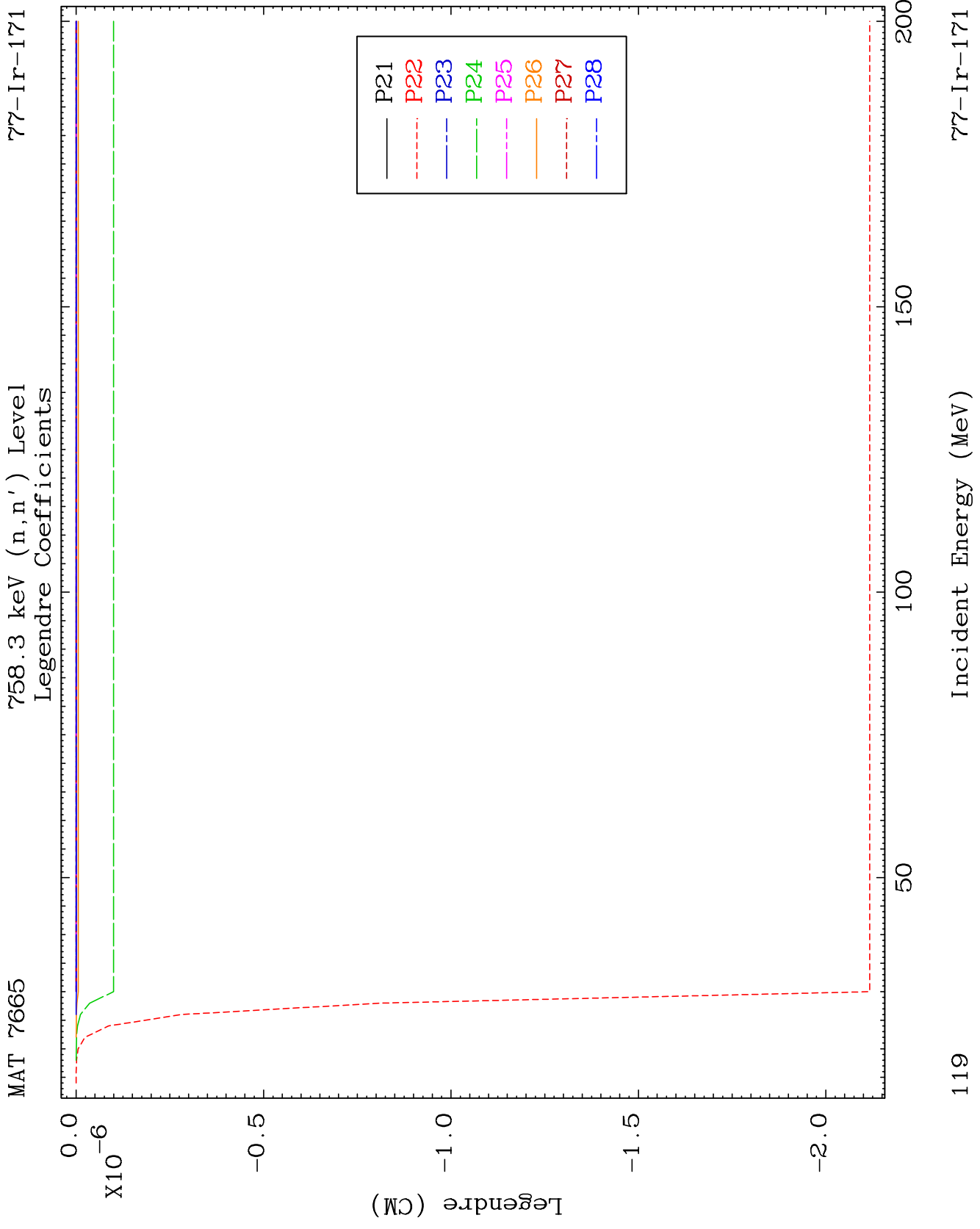
77-Ir-171

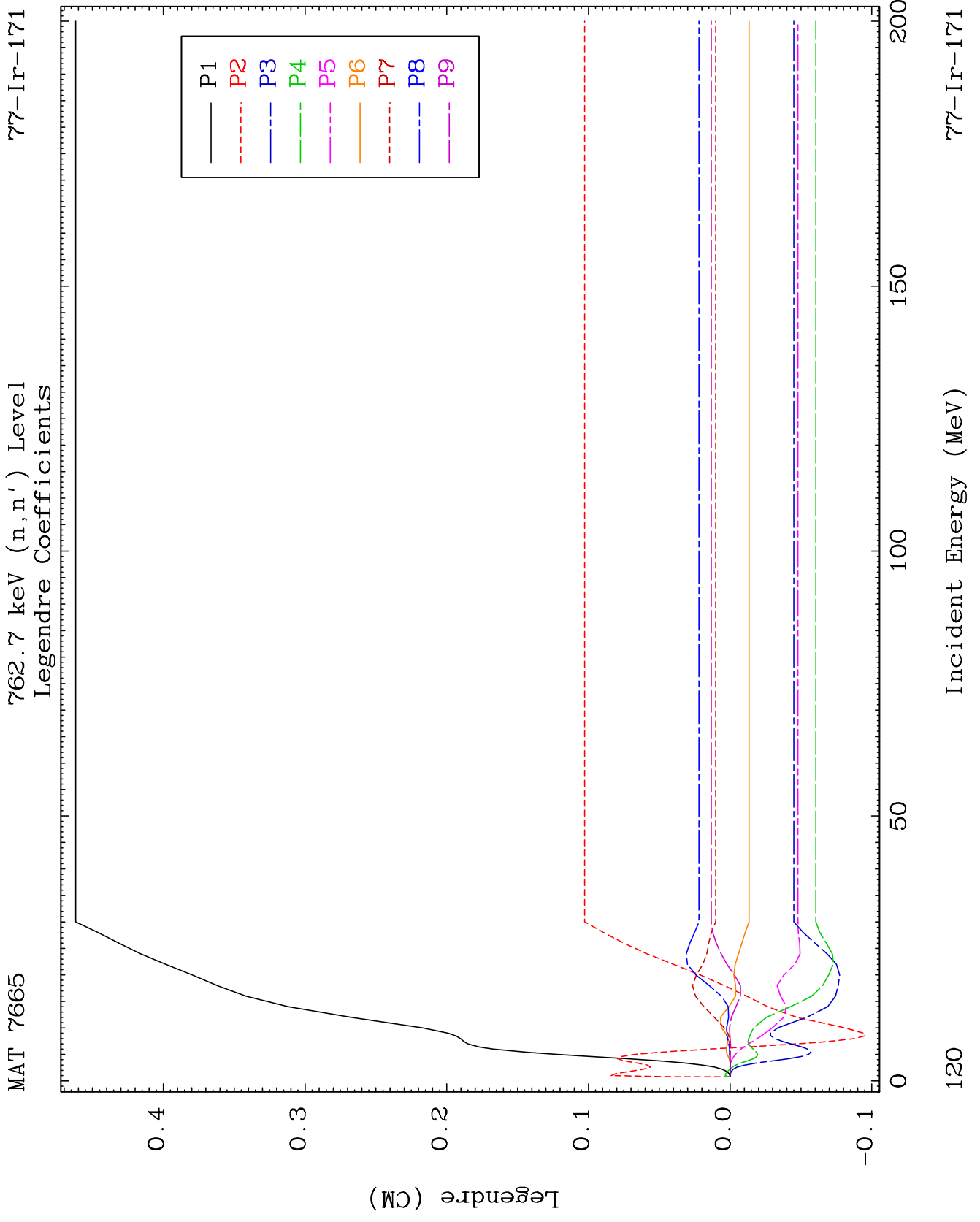


77-Ir-171





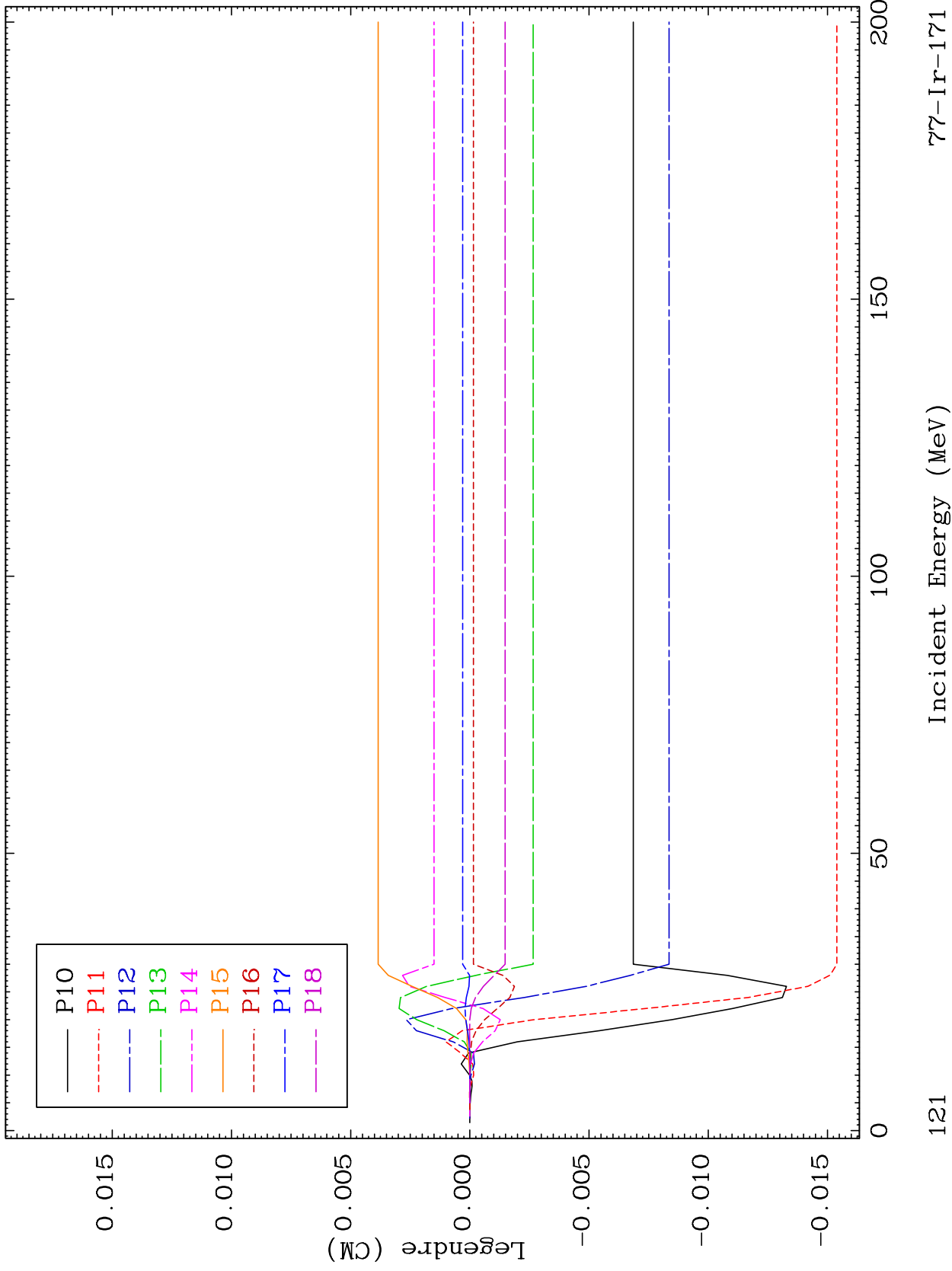


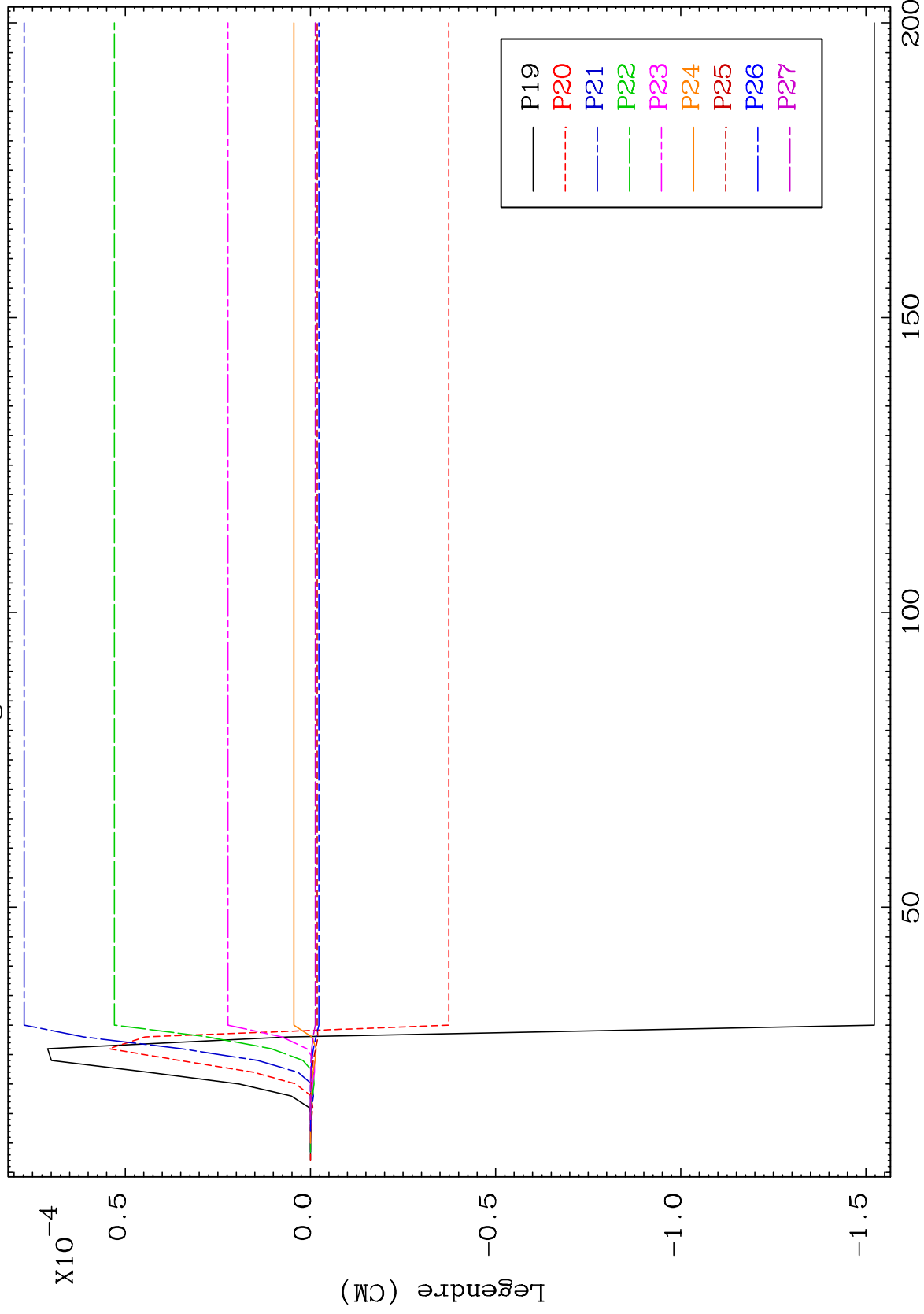


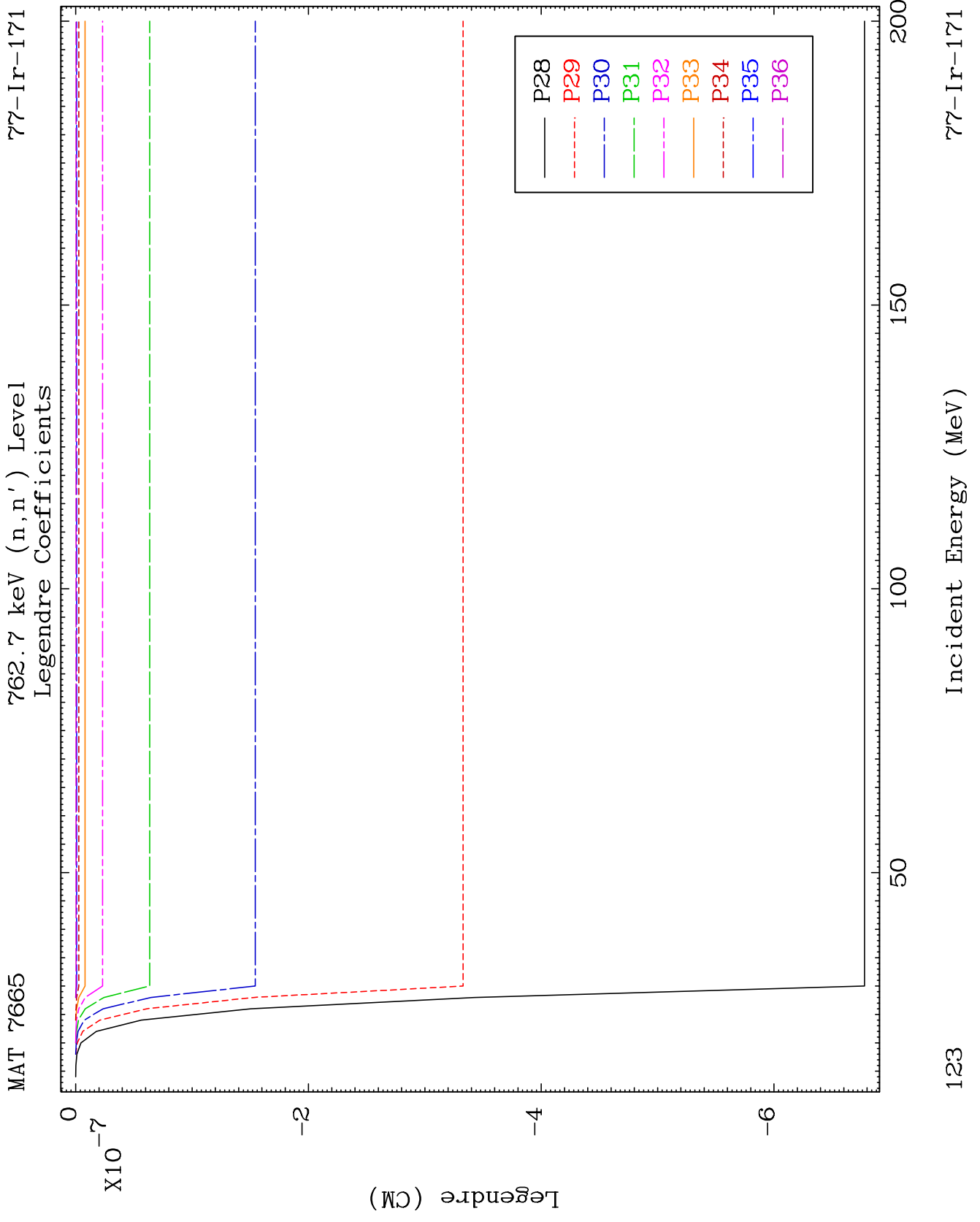
MAT 7665

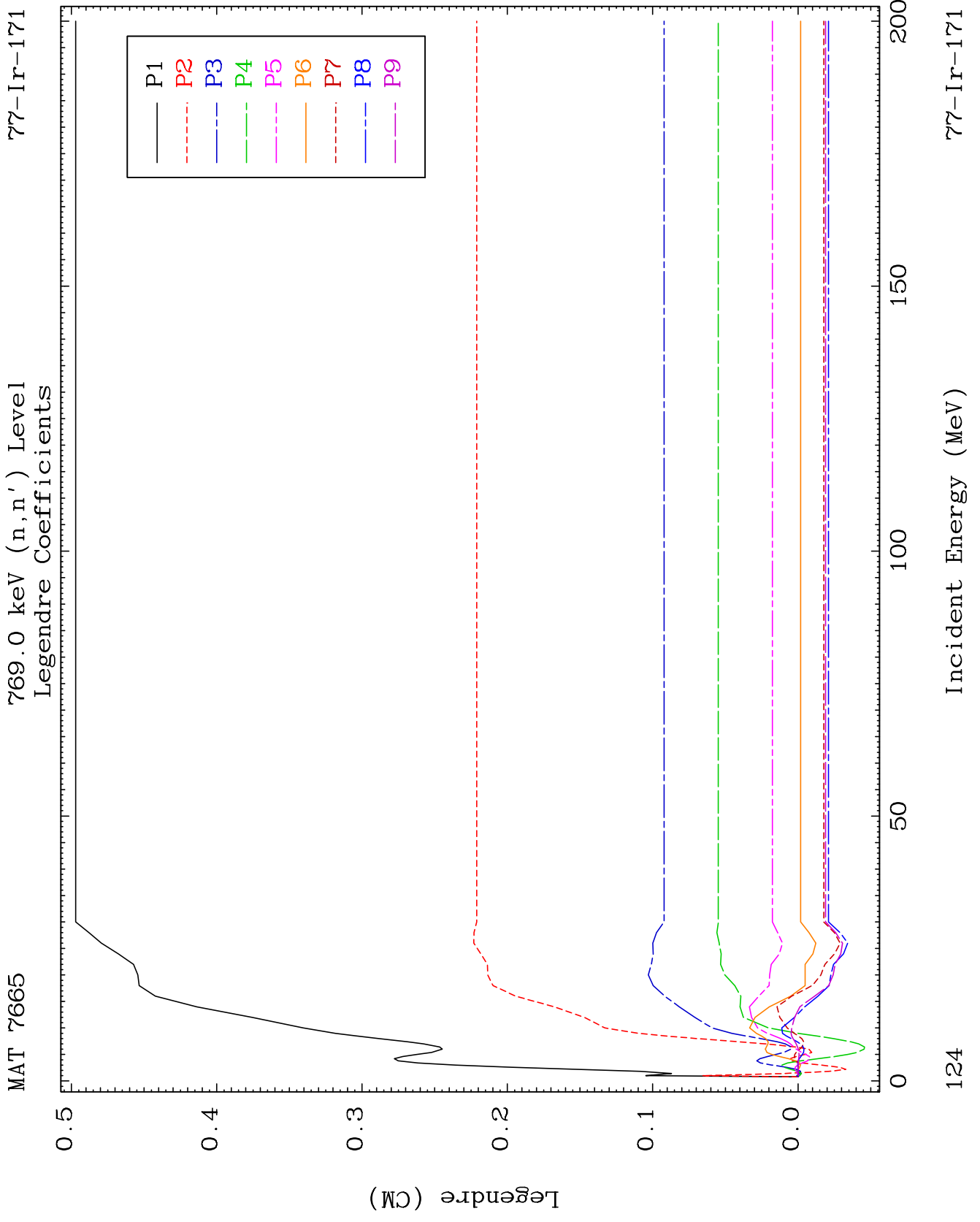
762.7 keV (n,n') Level
Legendre Coefficients

77-Ir-171





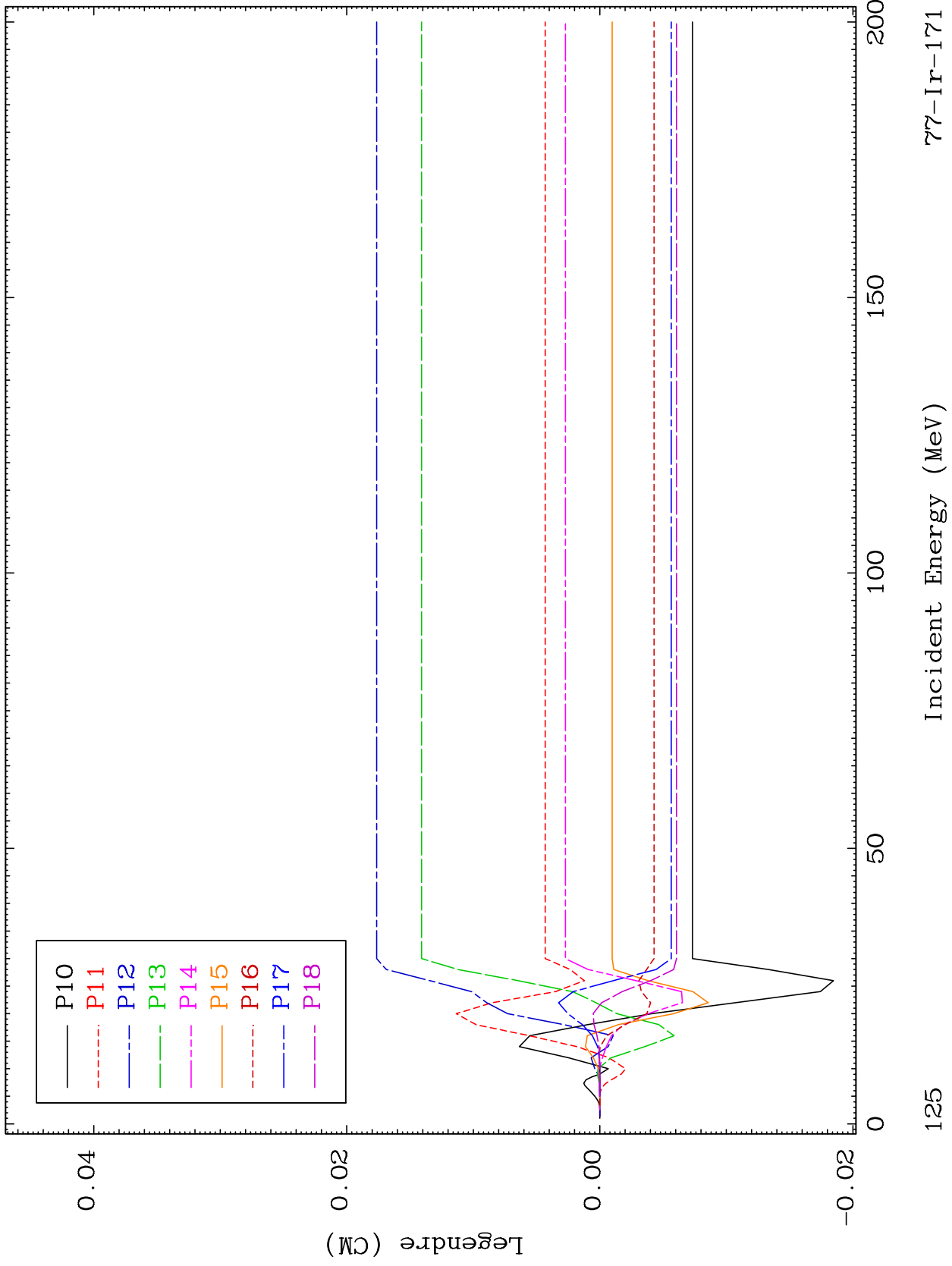




MAT 7665

769.0 keV (n,n') Level
Legendre Coefficients

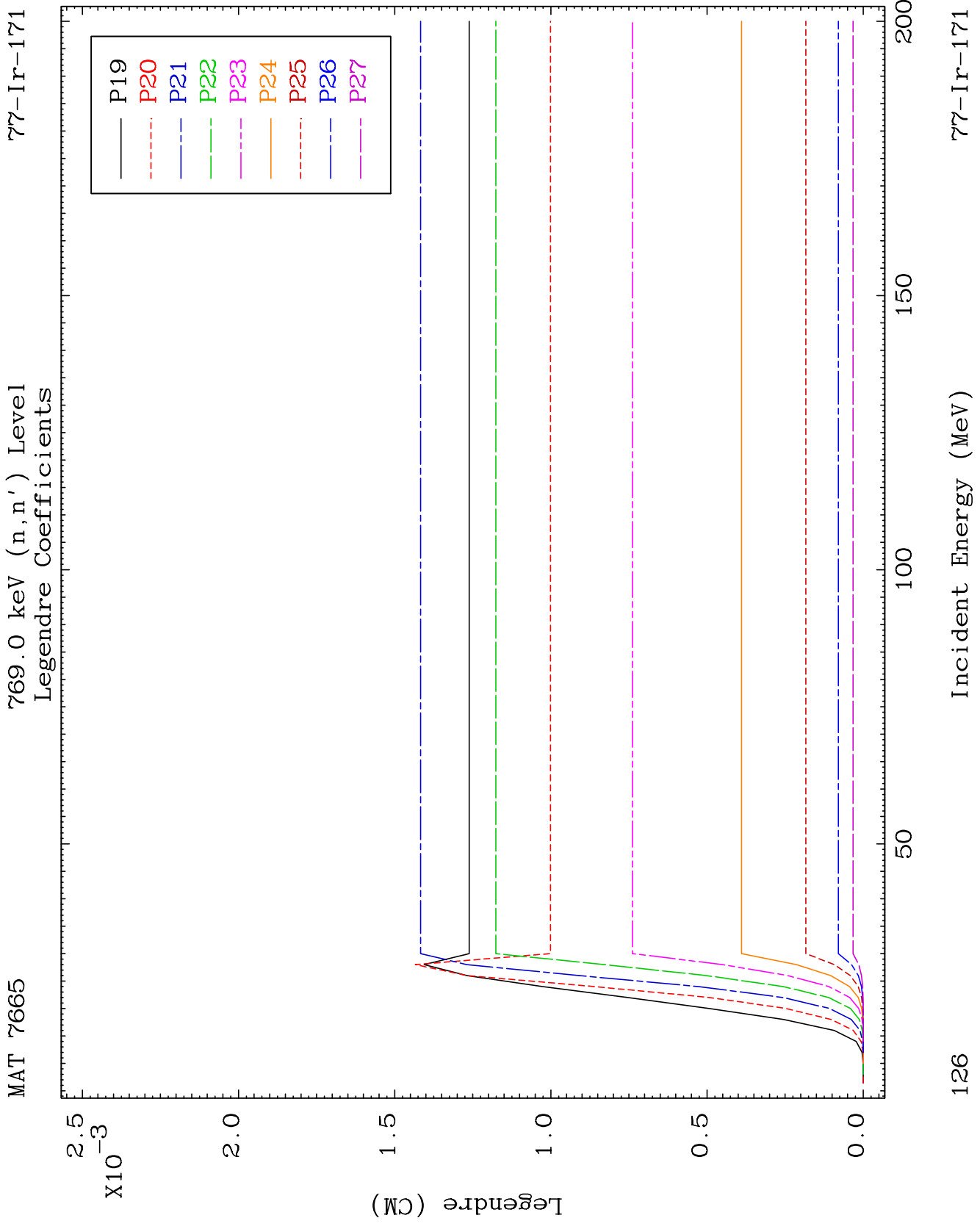
77-Ir-171

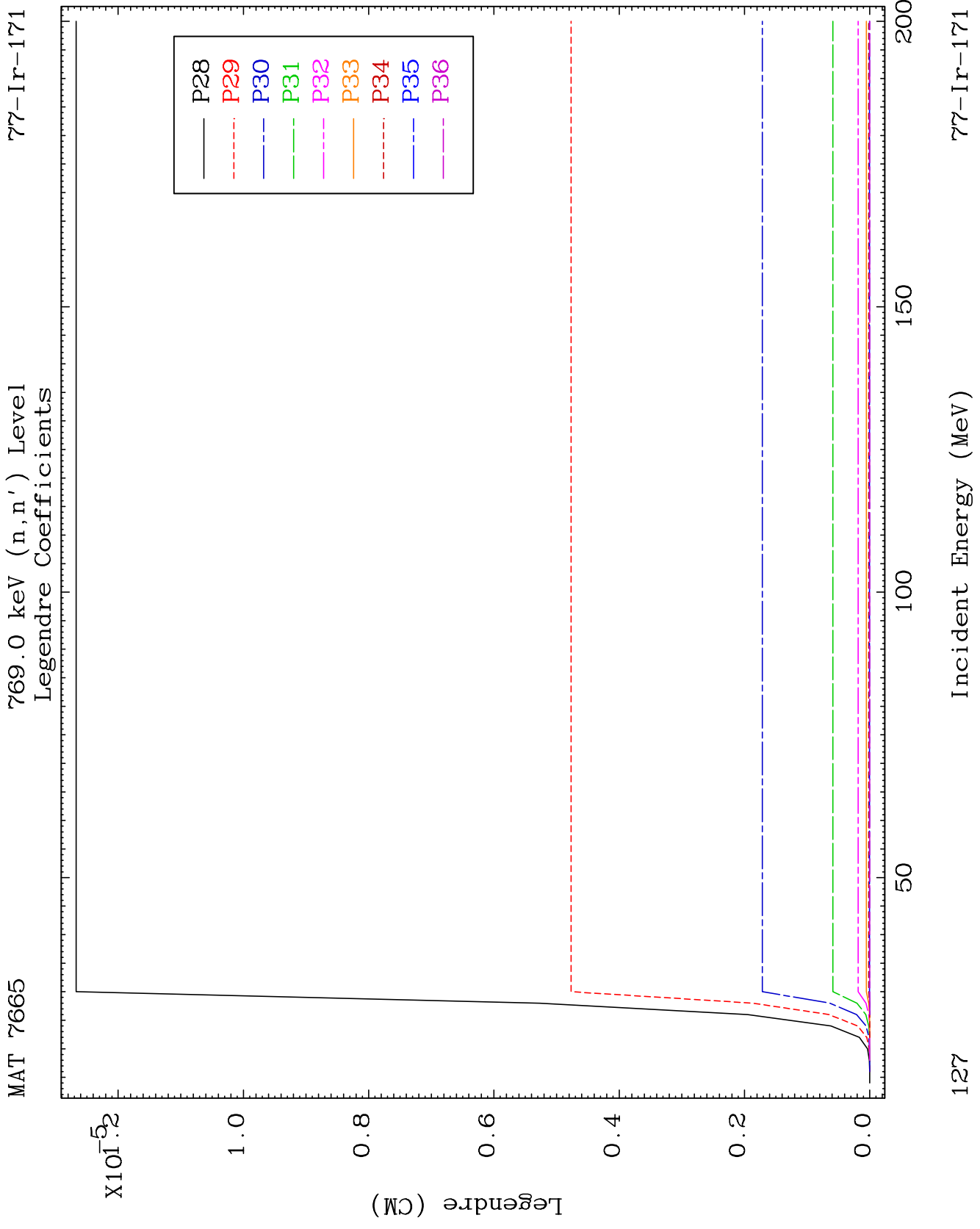


77-Ir-171

Incident Energy (MeV)

125

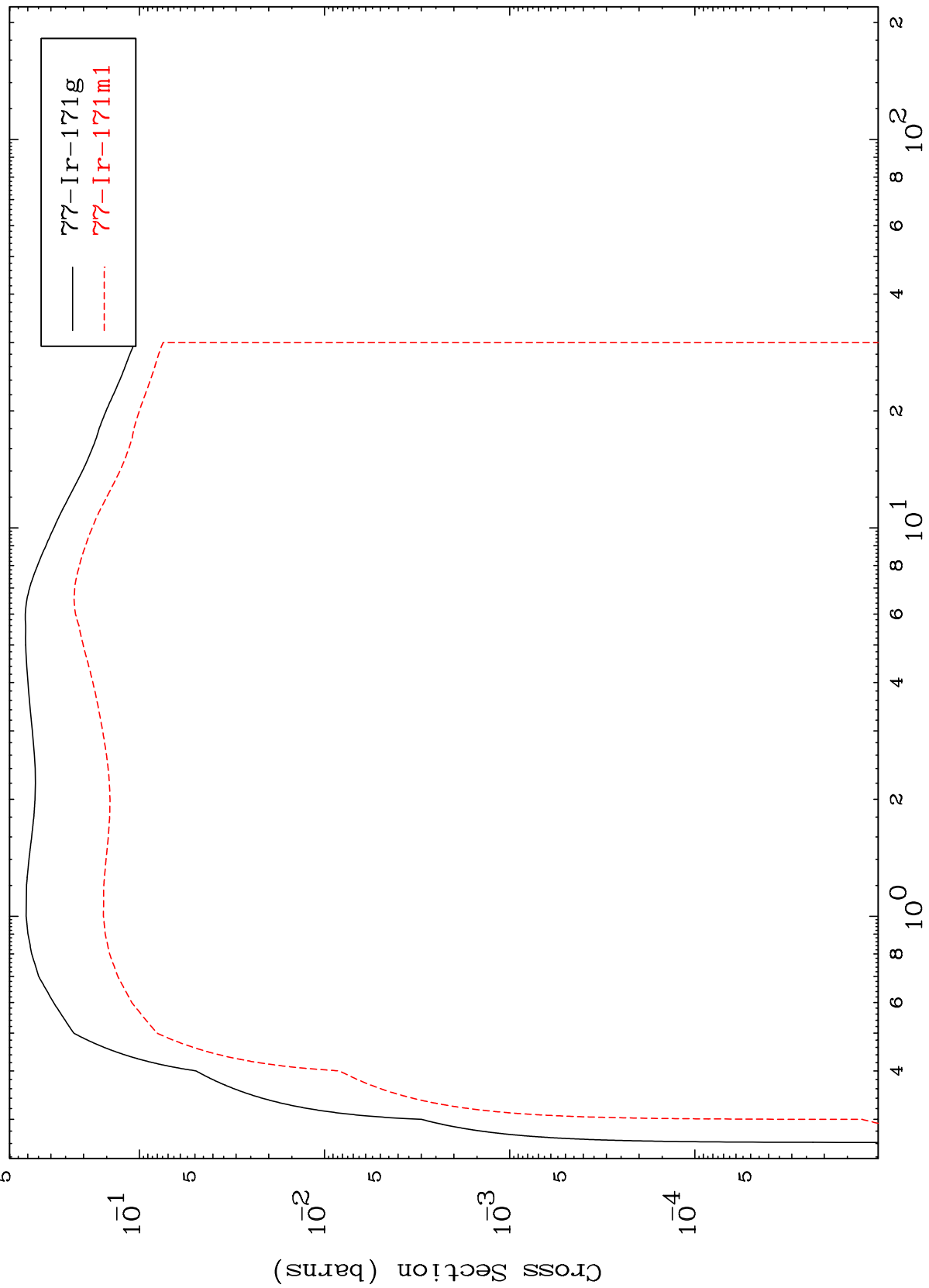




MAT 7665

⁷⁷Ir-171

Inelastic
Radionuclide Production Cross Section



128

⁷⁷Ir-171

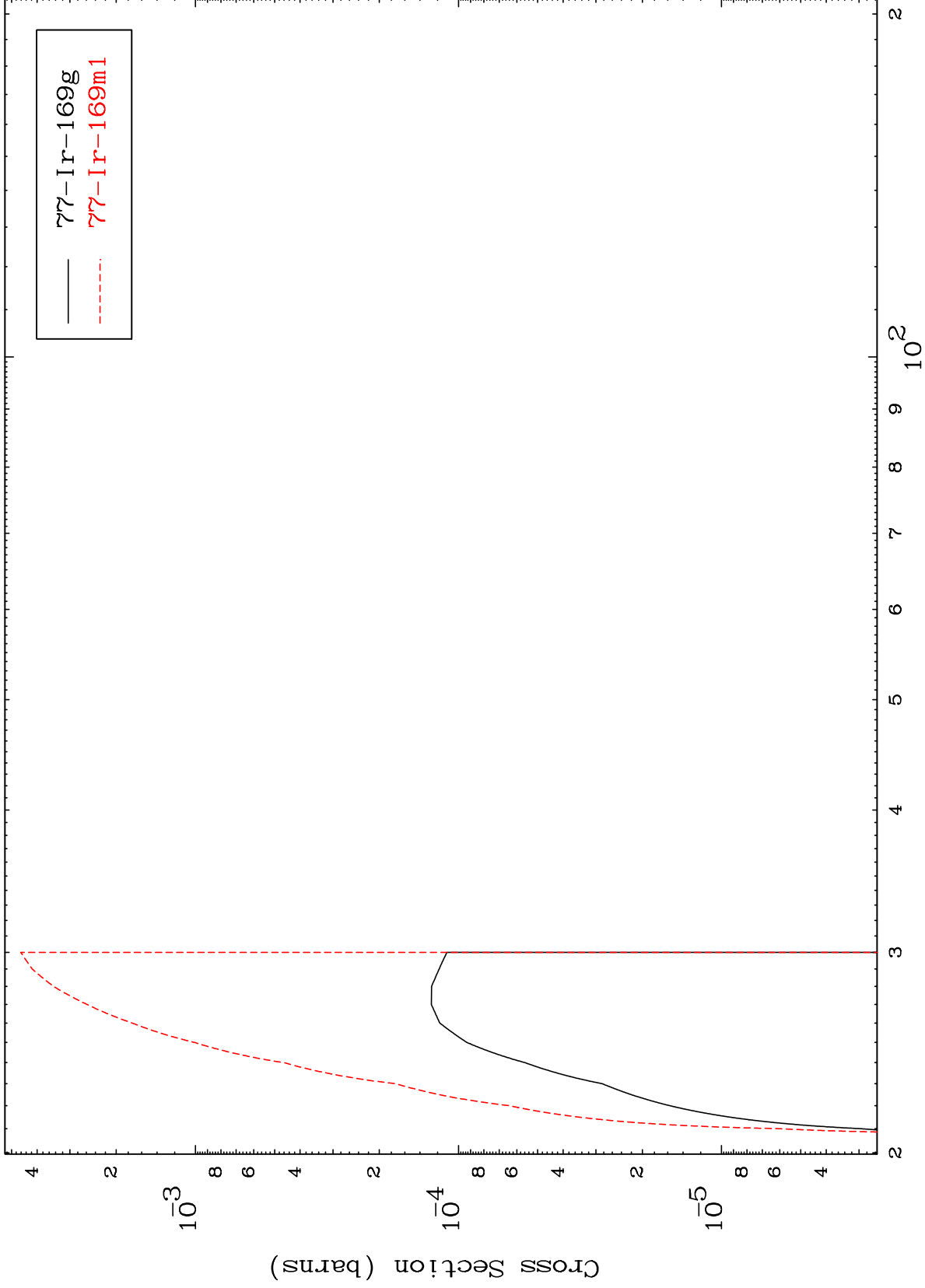
Incident Energy (MeV)

MAT 7665

(n,3n)

⁷⁷Ir-171

Radionuclide Production Cross Section



129

Incident Energy (MeV)

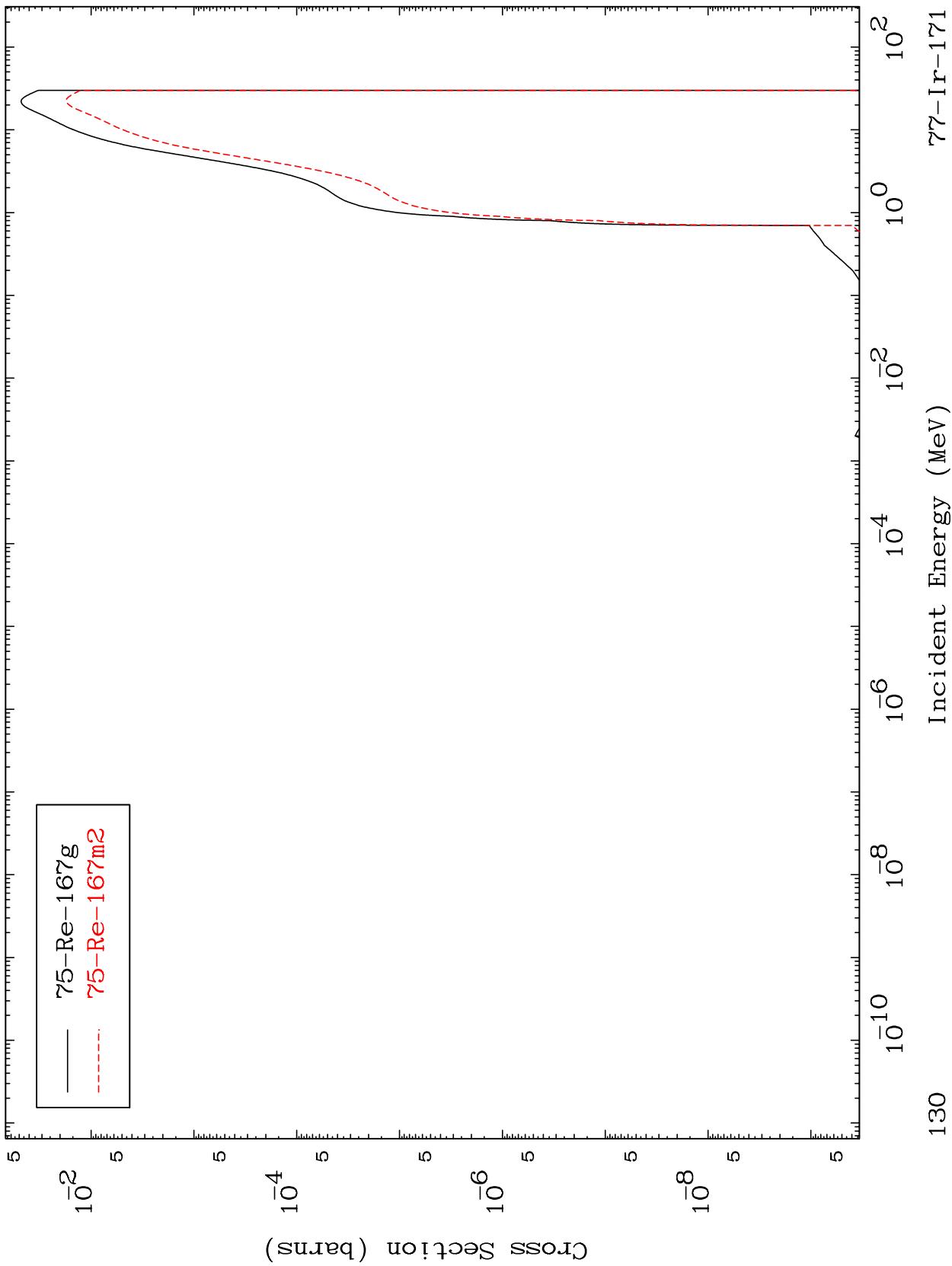
⁷⁷Ir-171

MAT 7665

$(n, n') \alpha$

$^{77}\text{Ir-171}$

Radionuclide Production Cross Section



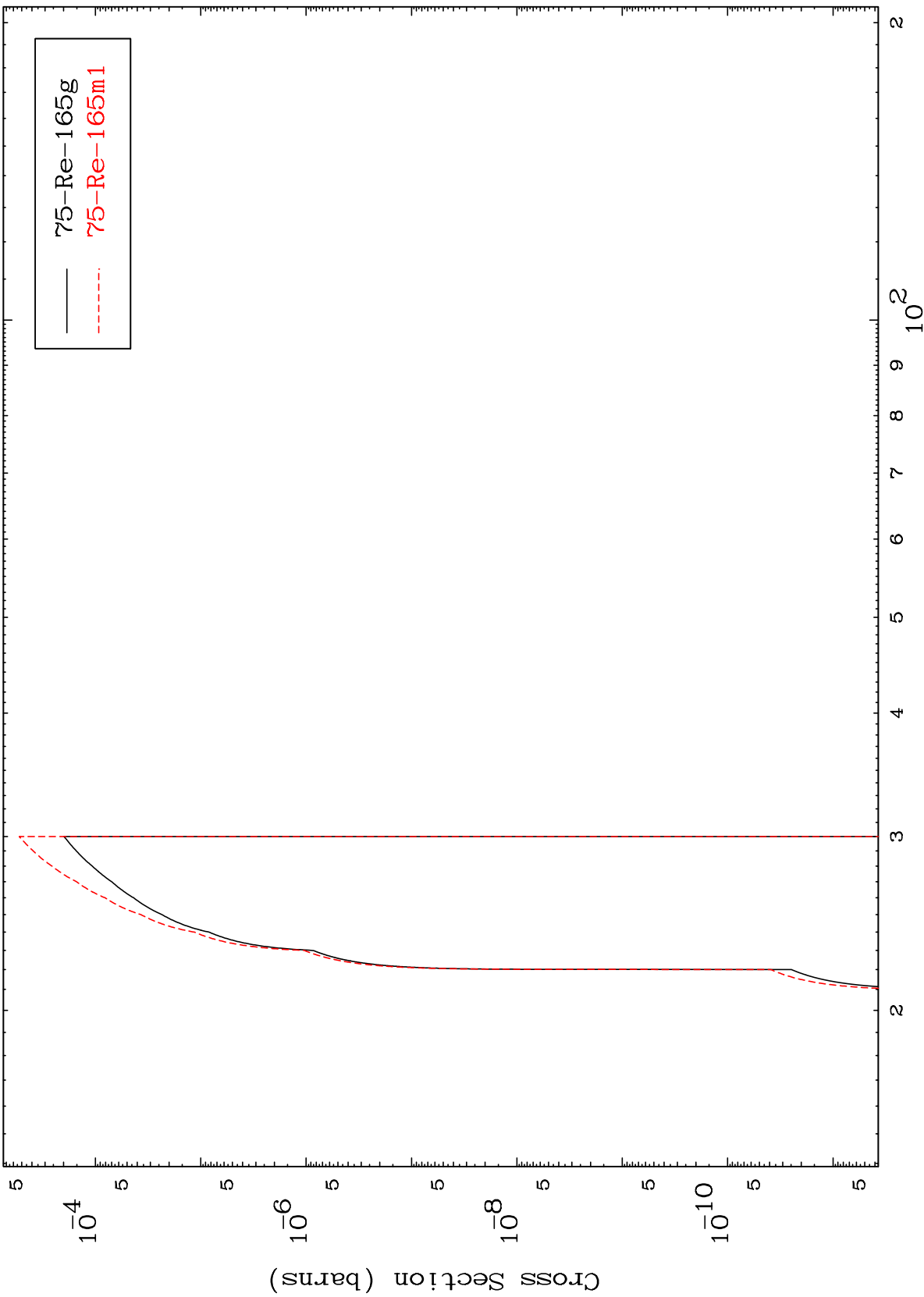
75-Re-167g
75-Re-167m2

MAT 7665

$(n,3n) \alpha$

$^{77}\text{Ir-171}$

Radionuclide Production Cross Section



75-Re-165g
75-Re-165m1

131

Incident Energy (MeV)

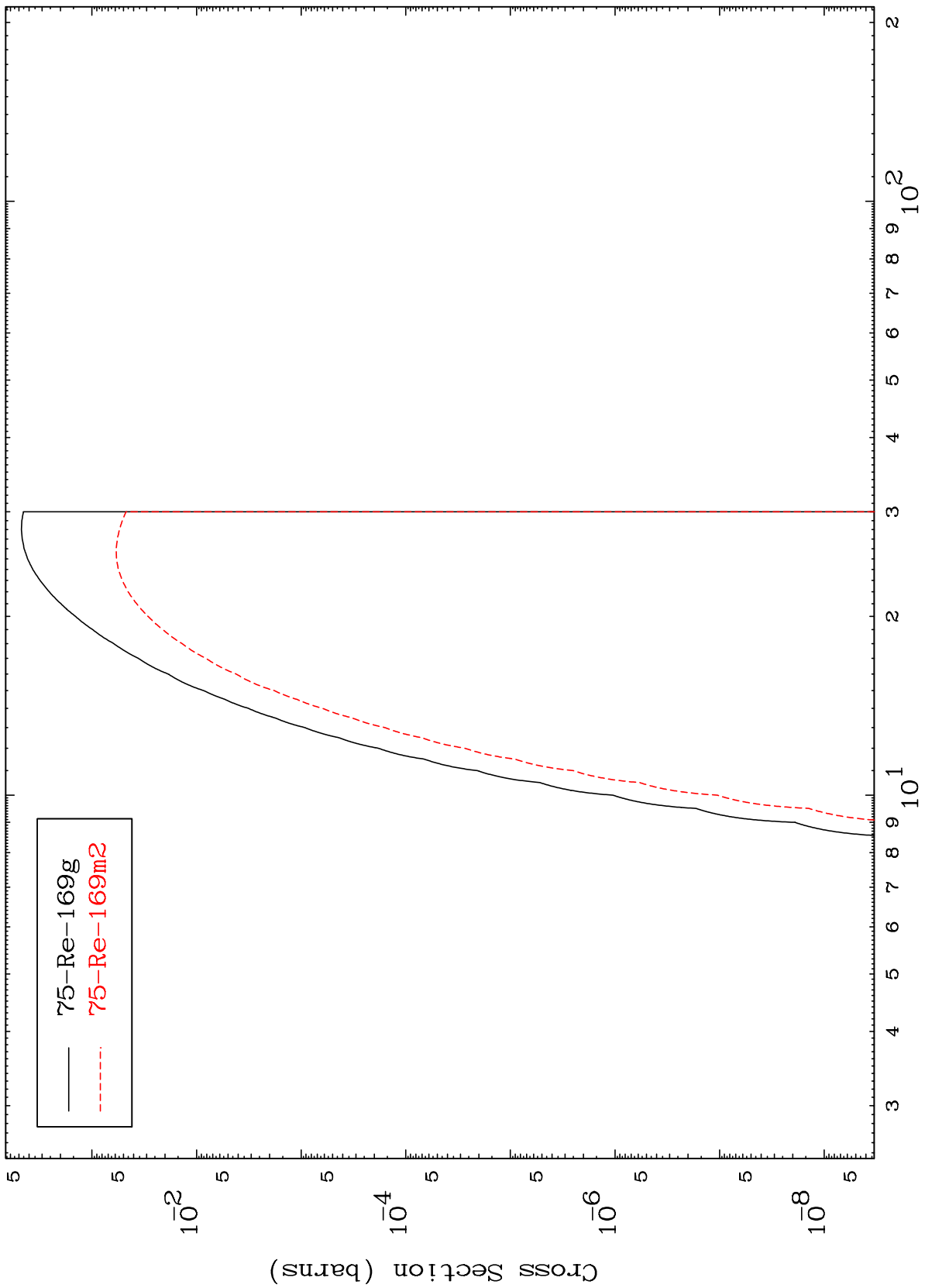
$^{77}\text{Ir-171}$

MAT 7665

$(n,2n)$ p

$^{77}\text{Ir-171}$

Radionuclide Production Cross Section



132

Incident Energy (MeV)

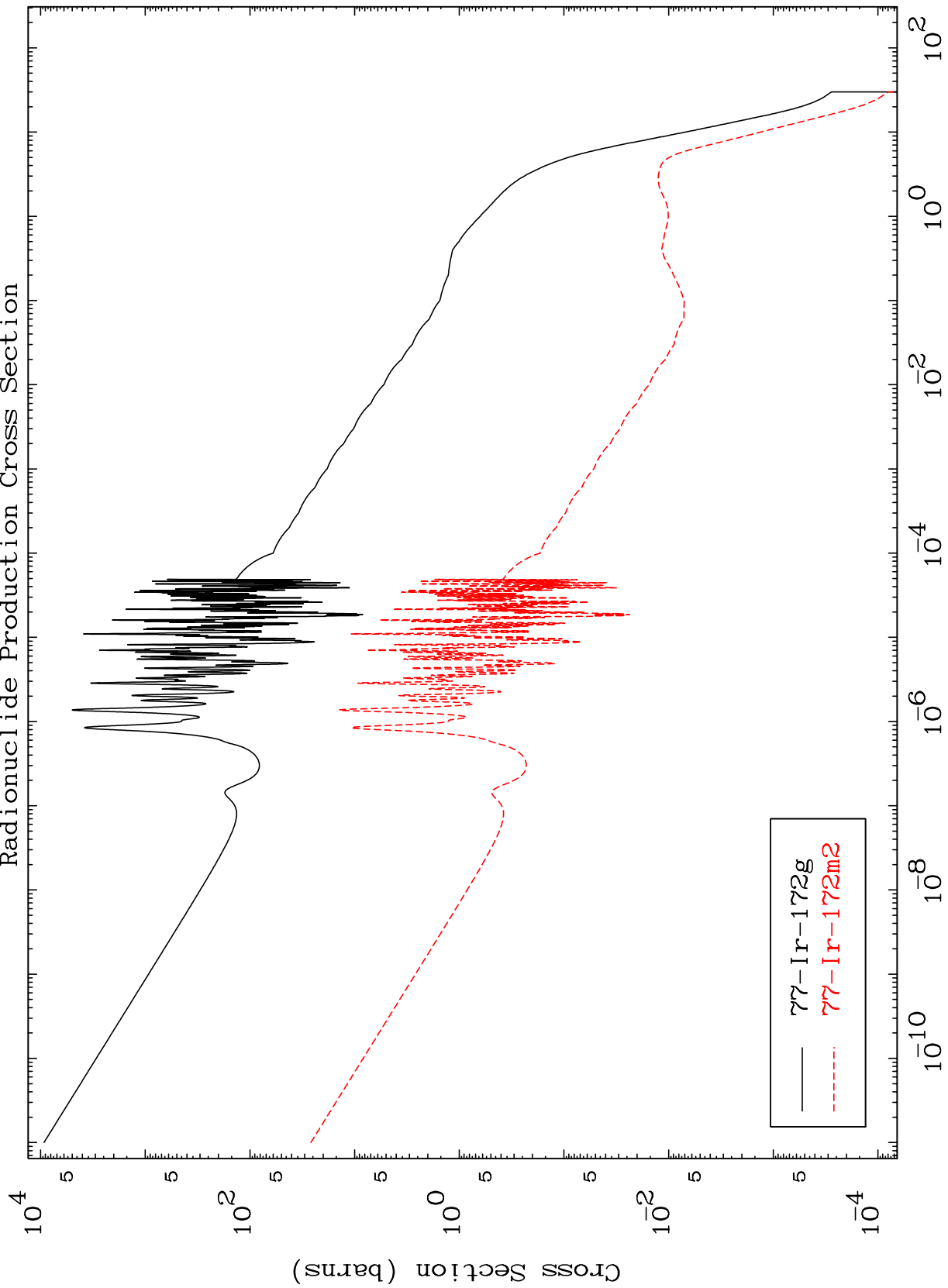
$^{77}\text{Ir-171}$

MAT 7665

⁷⁷Ir-171

Radionuclide Production Cross Section

(n,γ)



⁷⁷Ir-171

Incident Energy (MeV)

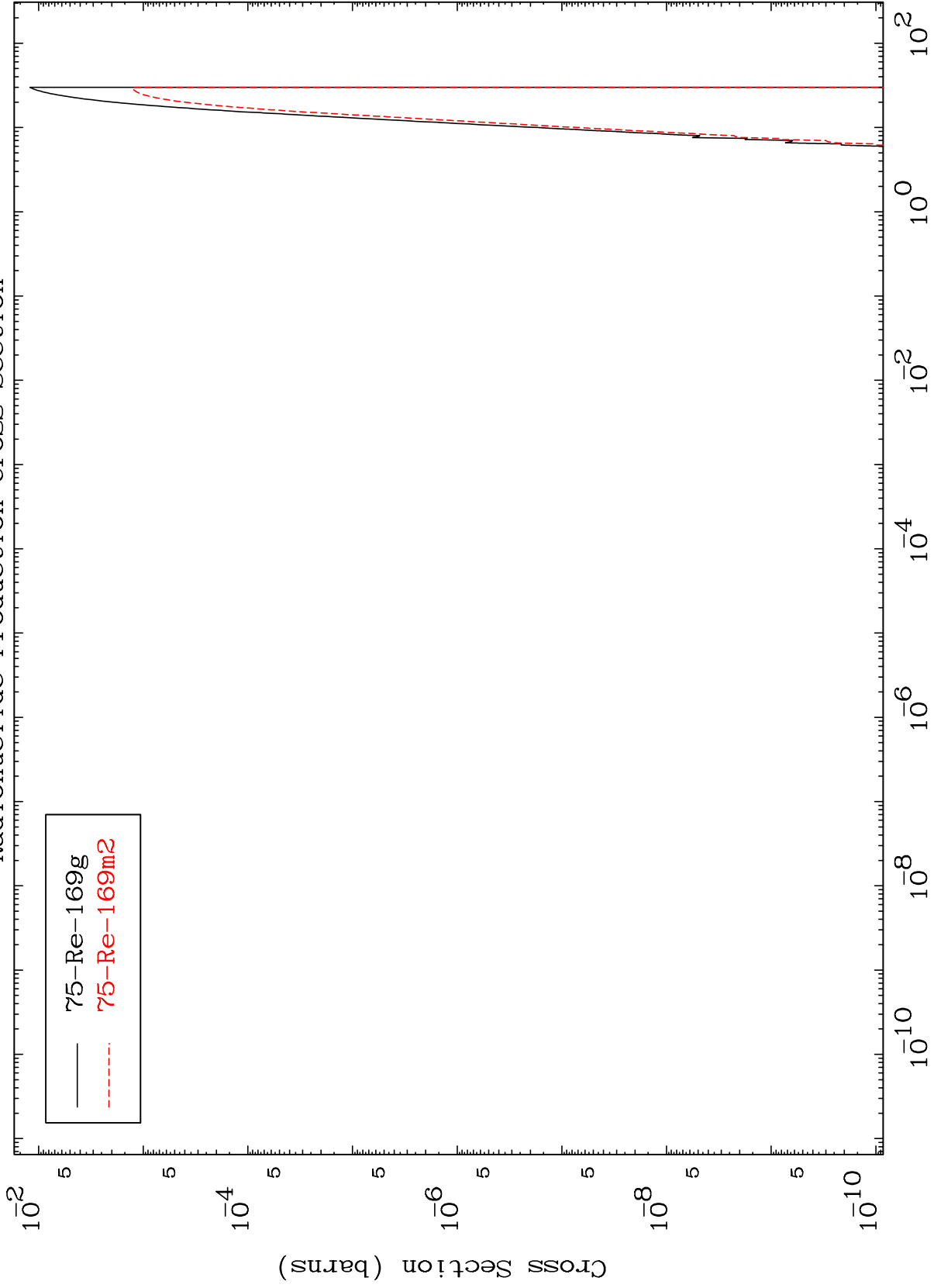
133

MAT 7665

(n,He-3)

77-Ir-171

Radionuclide Production Cross Section



134

Incident Energy (MeV)

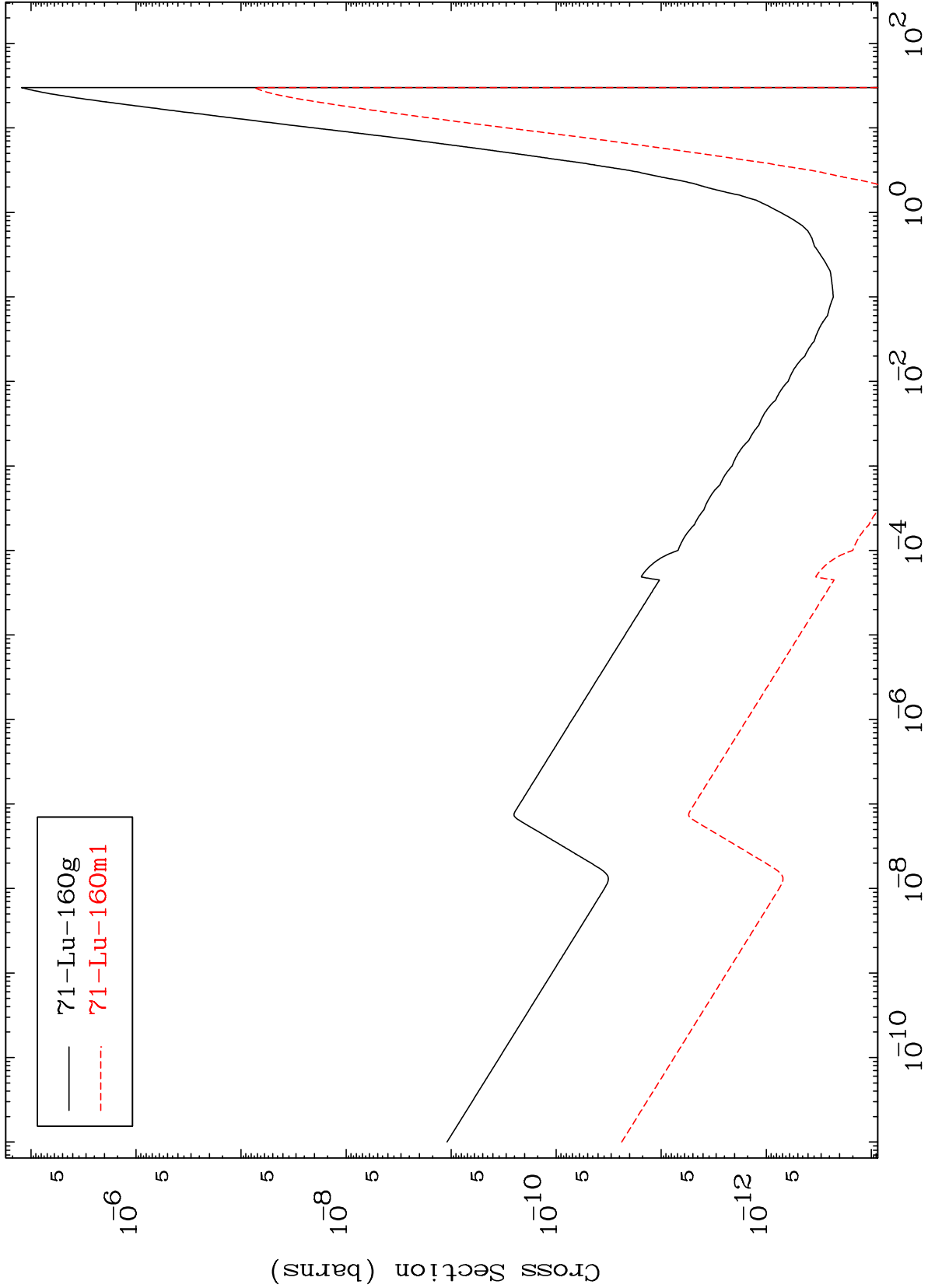
77-Ir-171

MAT 7665

(n, 3α)

⁷⁷Ir-171

Radionuclide Production Cross Section



135

Incident Energy (MeV)

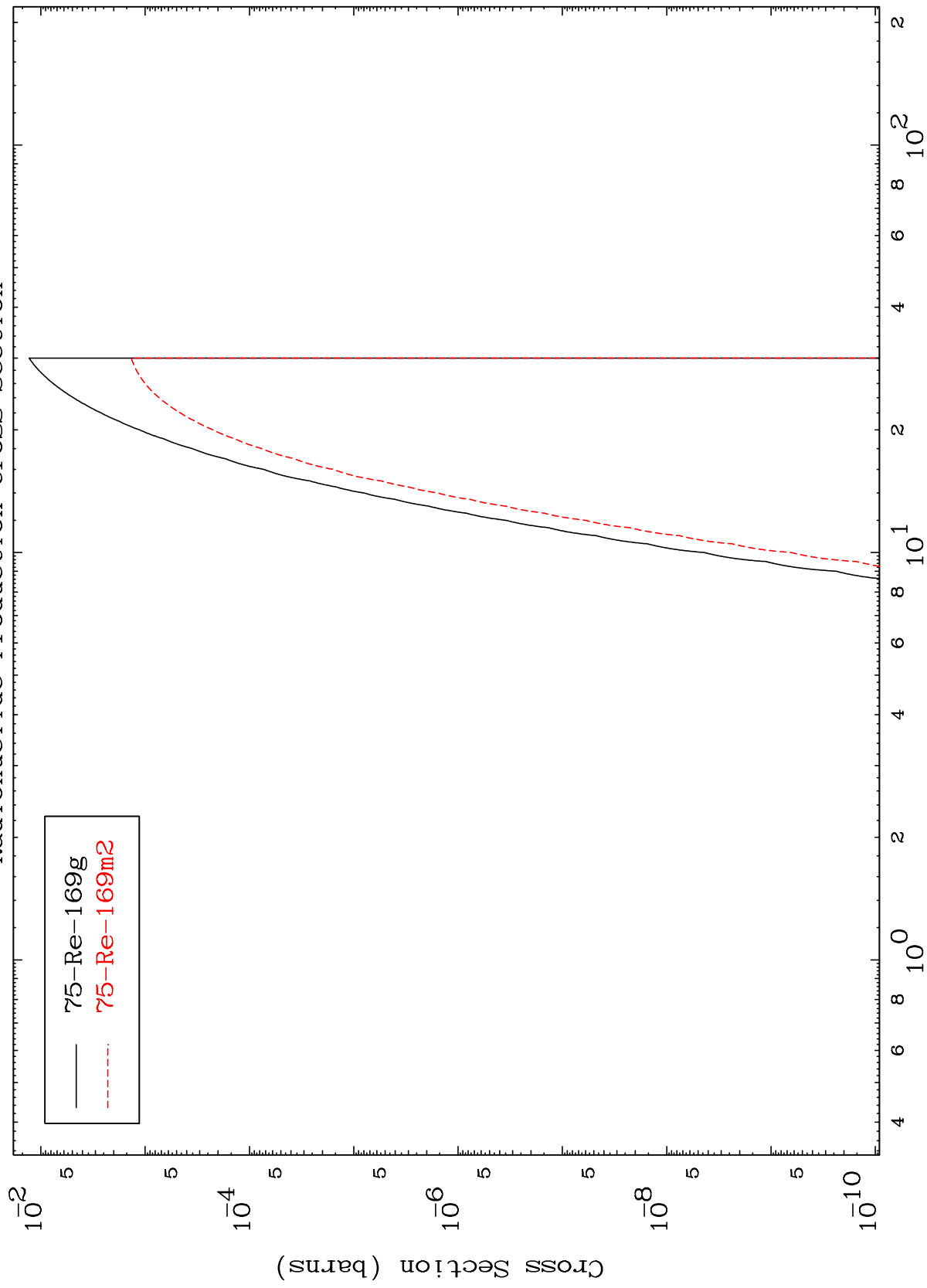
⁷⁷Ir-171

MAT 7665

(n,p) d

⁷⁷Ir-171

Radionuclide Production Cross Section



136

Incident Energy (MeV)

⁷⁷Ir-171