

Program EVALPLOT
(Version 2015-2)

by

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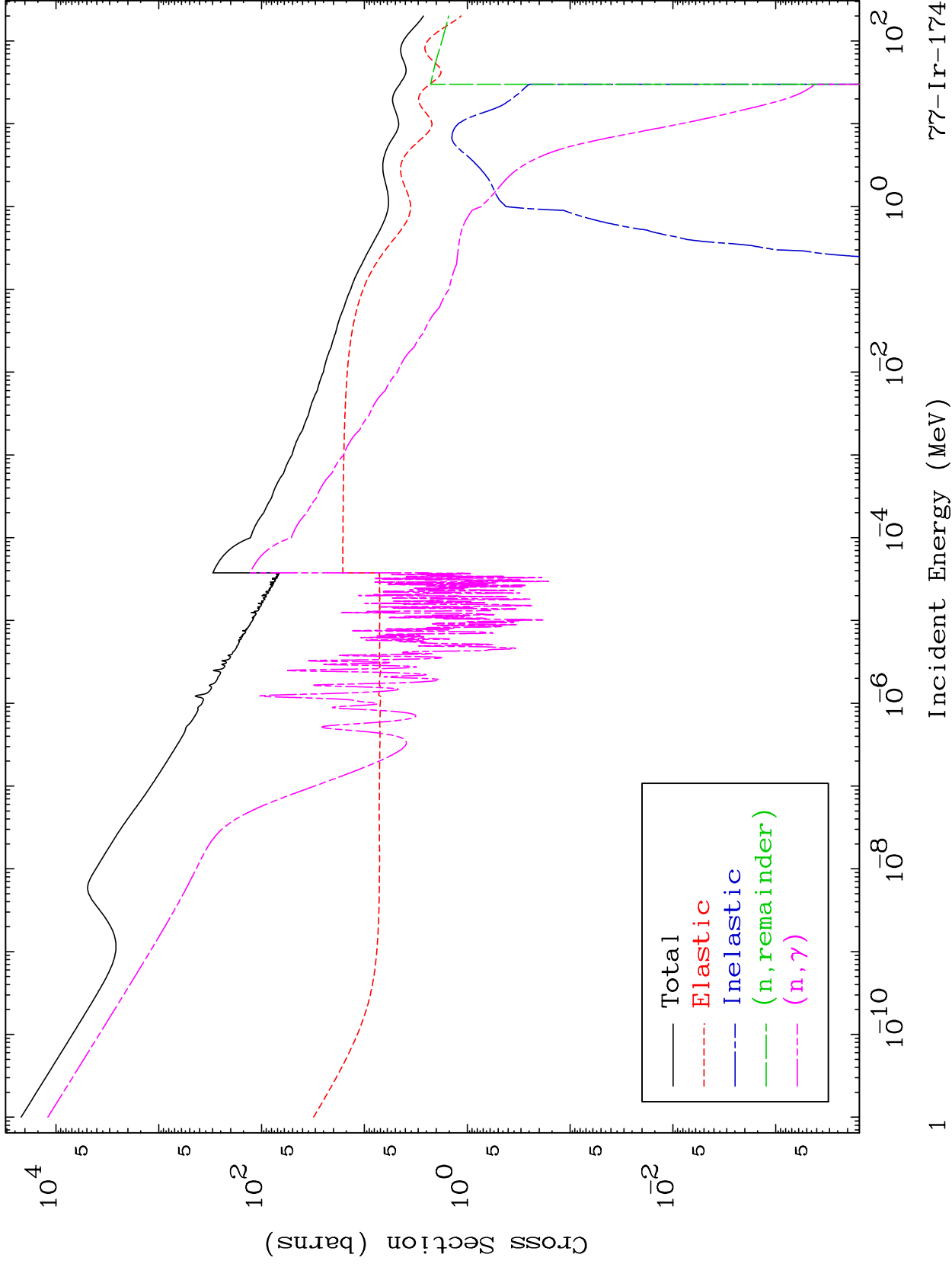
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7674

Major
293 Kelvin Cross Sections

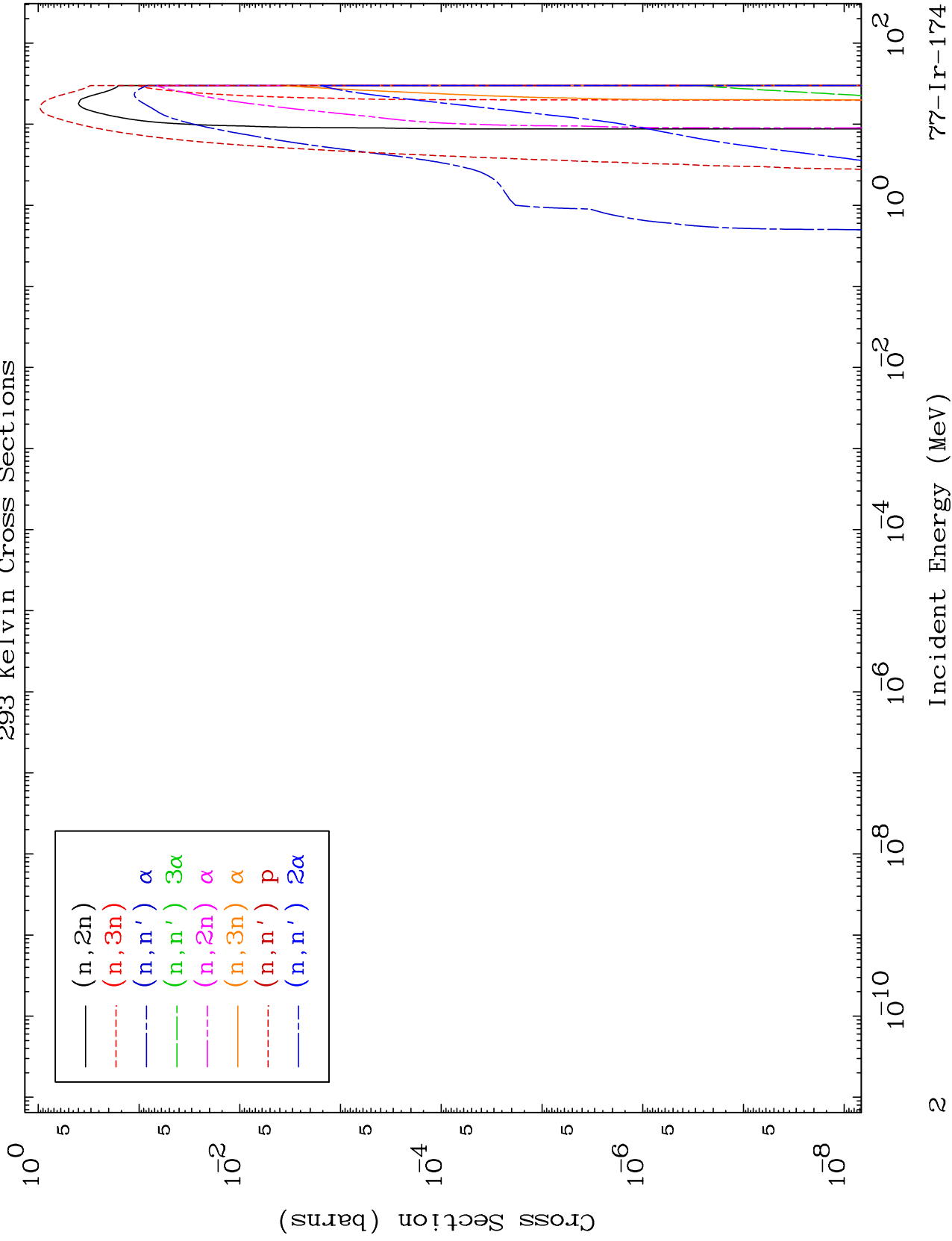
77-Ir-174



MAT 7674

Neutron Production
293 Kelvin Cross Sections

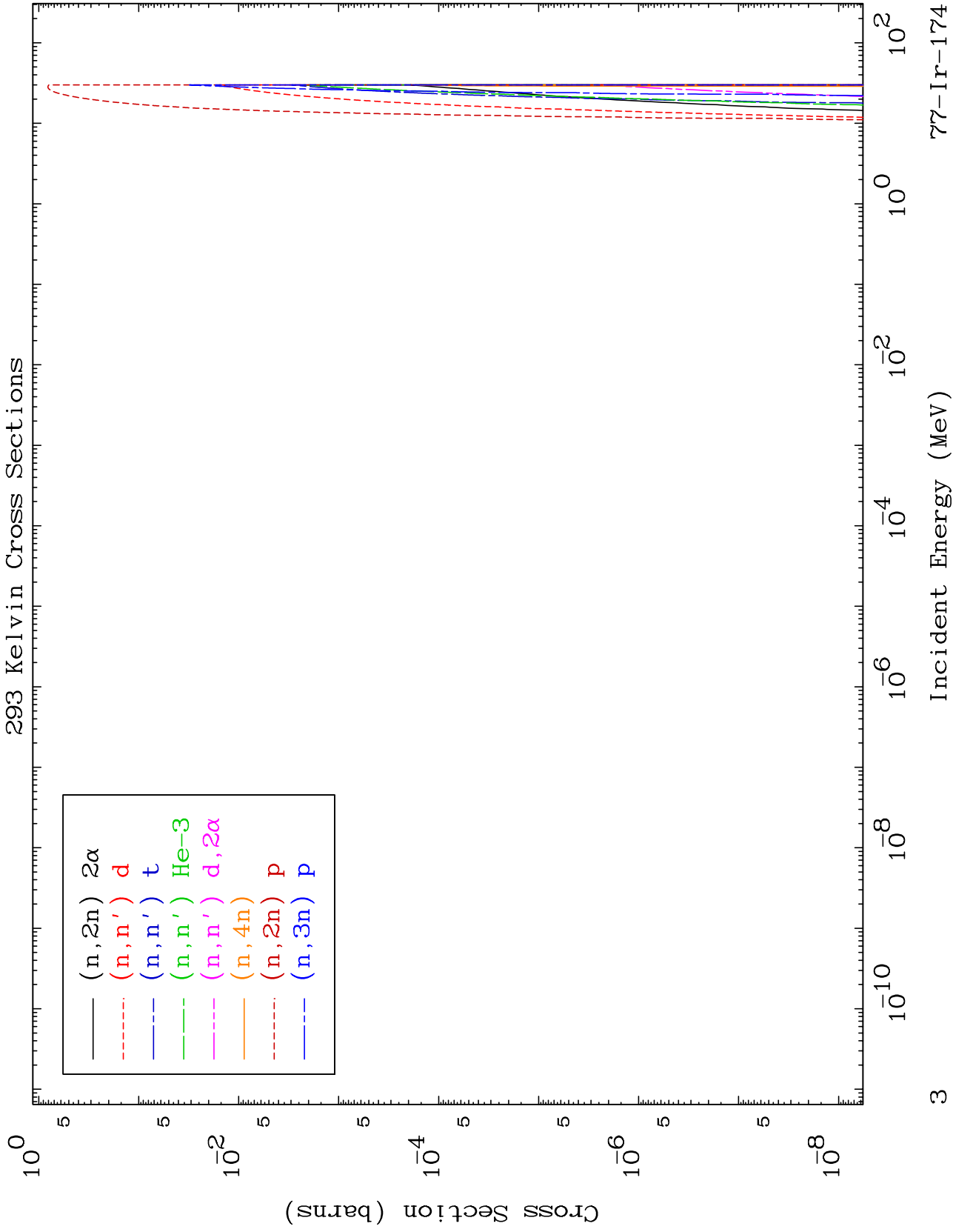
77-Ir-174



MAT 7674

Neutron Production
293 Kelvin Cross Sections

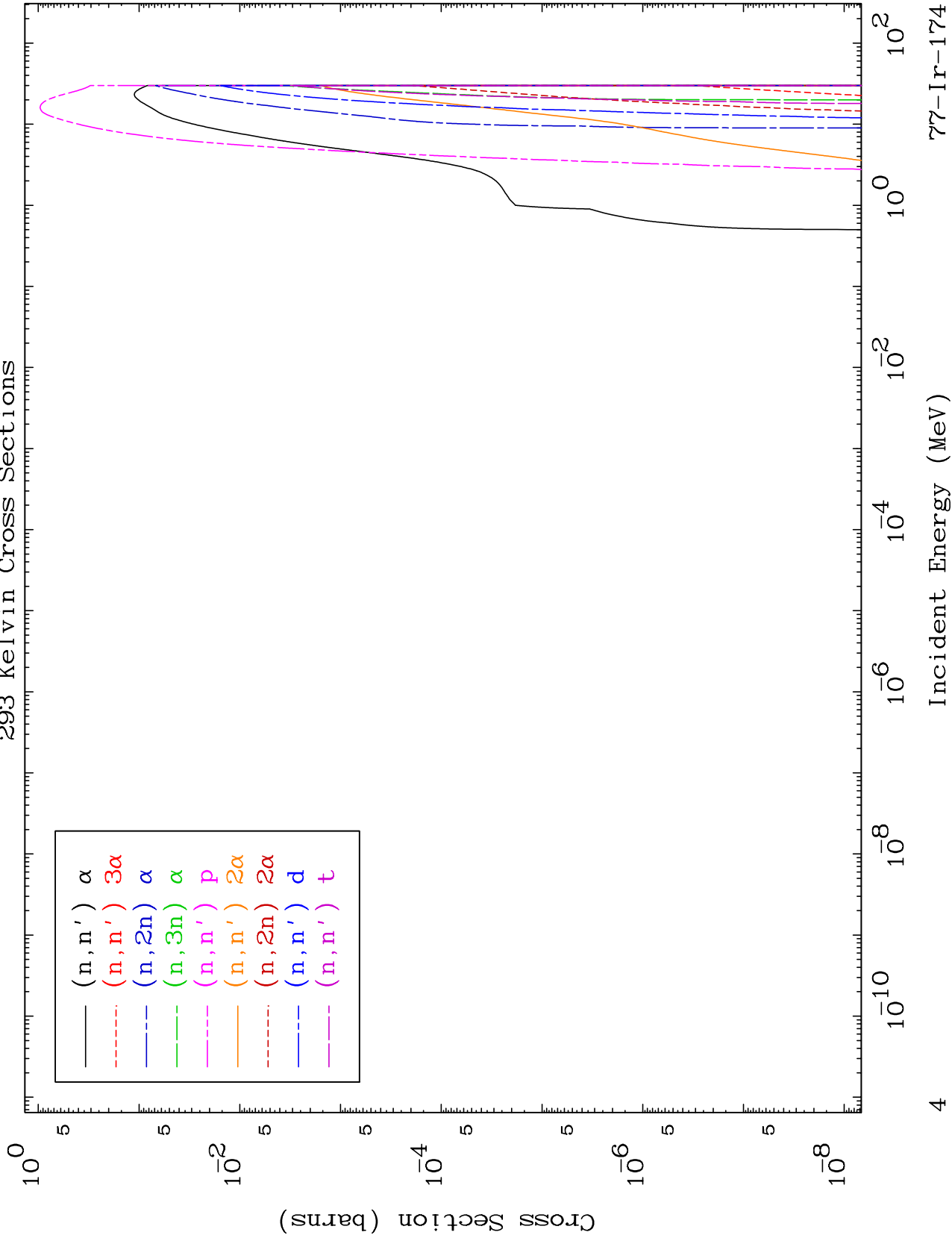
⁷⁷Ir-174



MAT 7674

Charged Particle
293 Kelvin Cross Sections

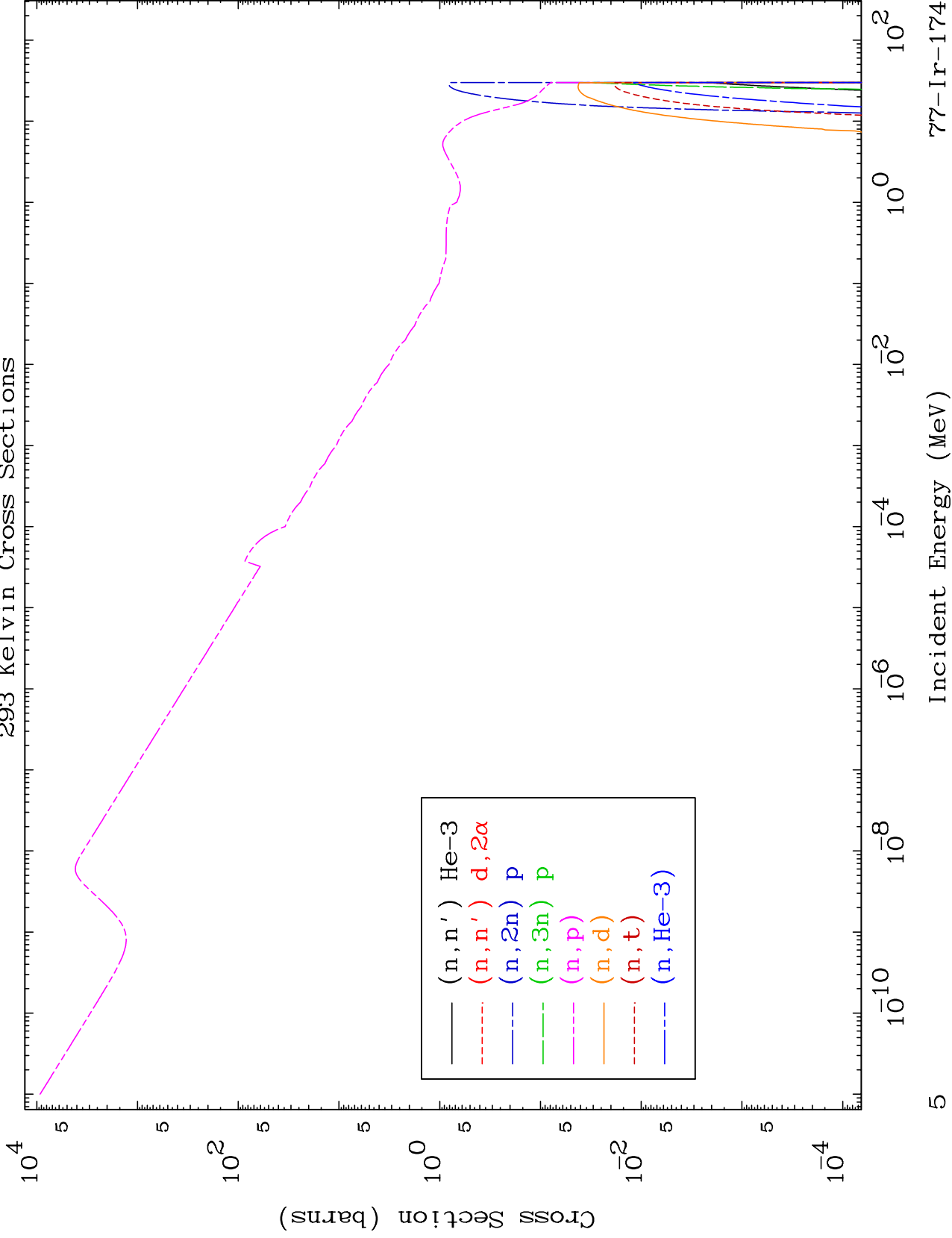
77-Ir-174



MAT 7674

Charged Particle
293 Kelvin Cross Sections

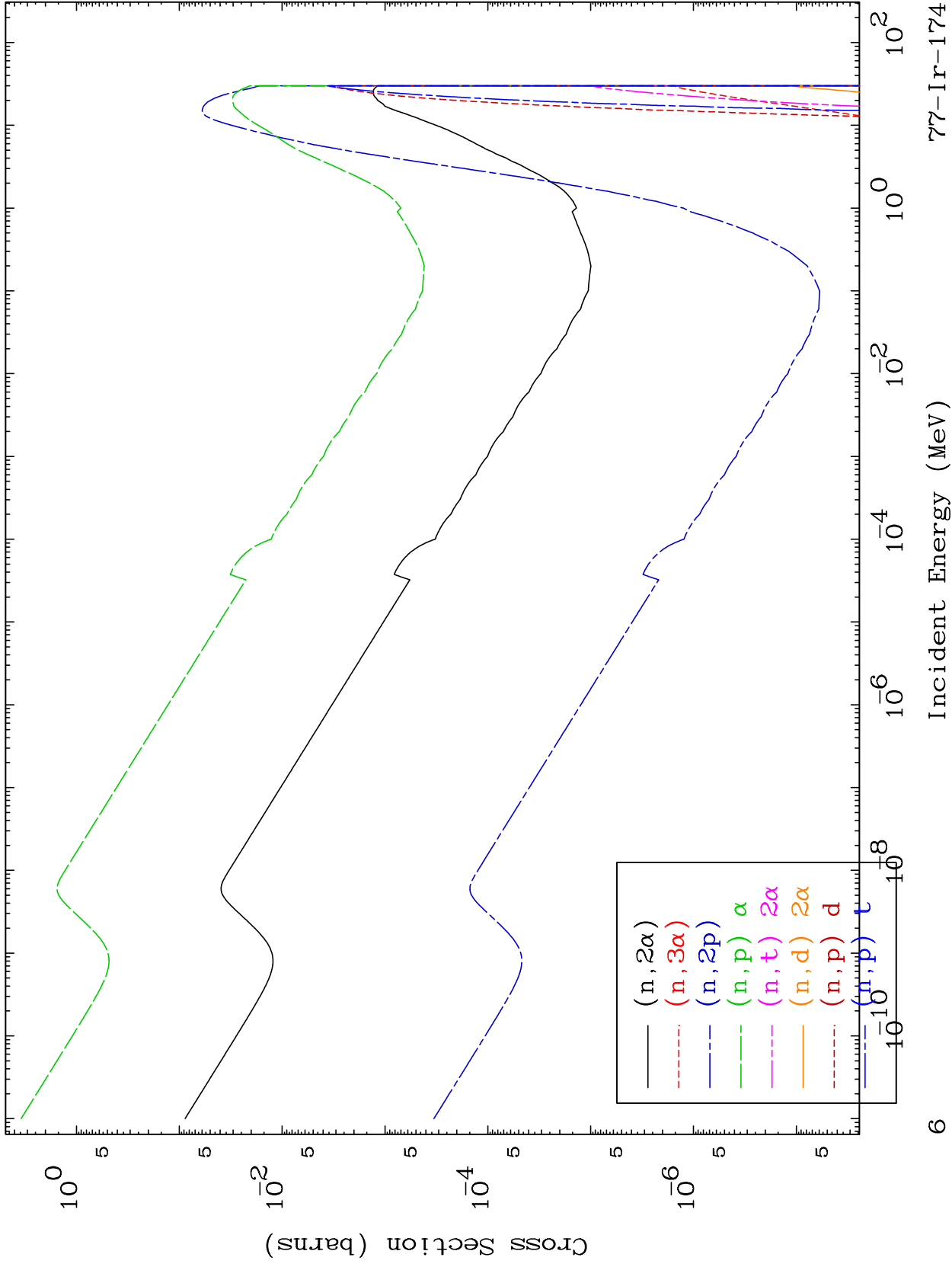
⁷⁷Ir-174



MAT 7674

Charged Particle
293 Kelvin Cross Sections

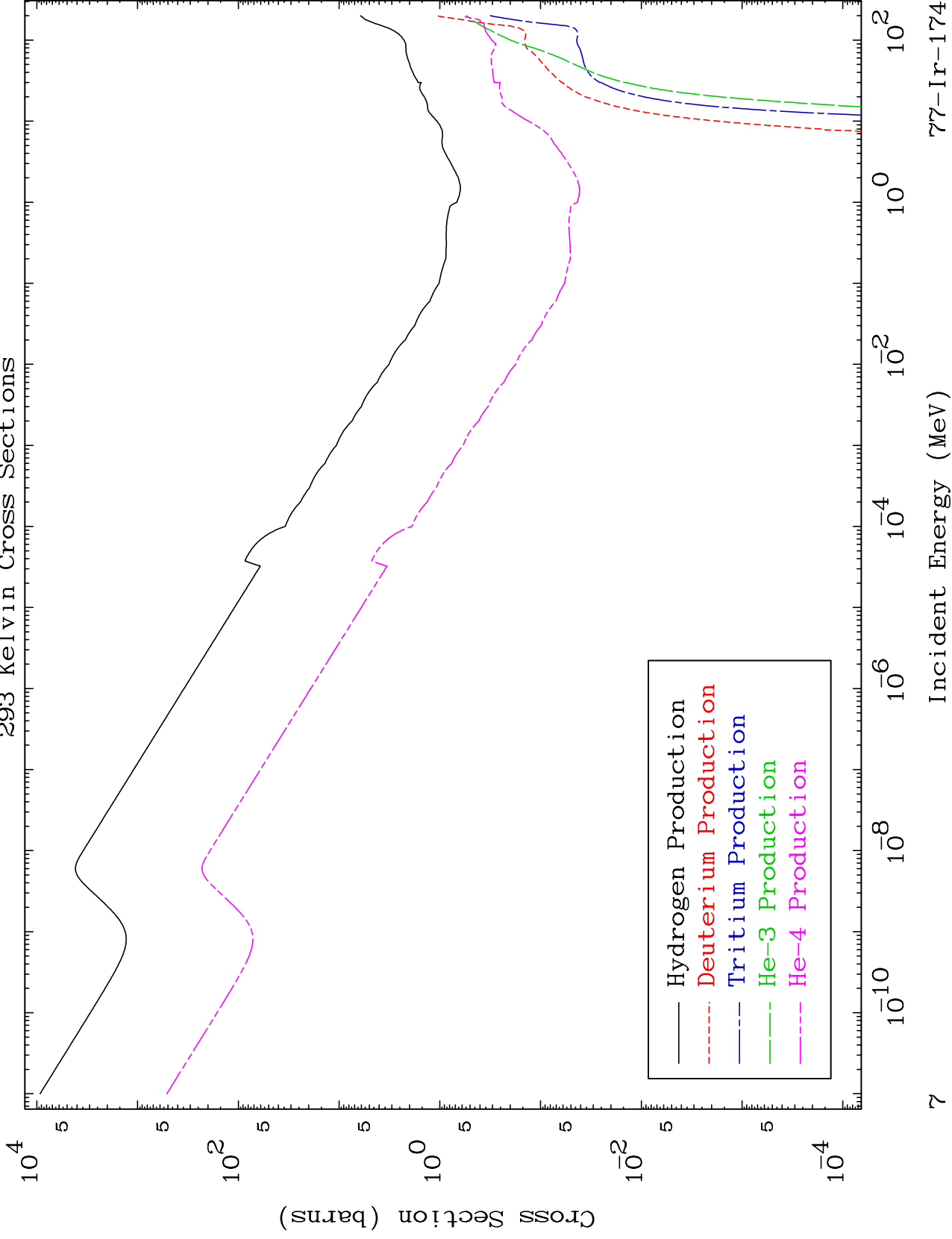
77-Ir-174



MAT 7674

Particle Production
293 Kelvin Cross Sections

77-Ir-174

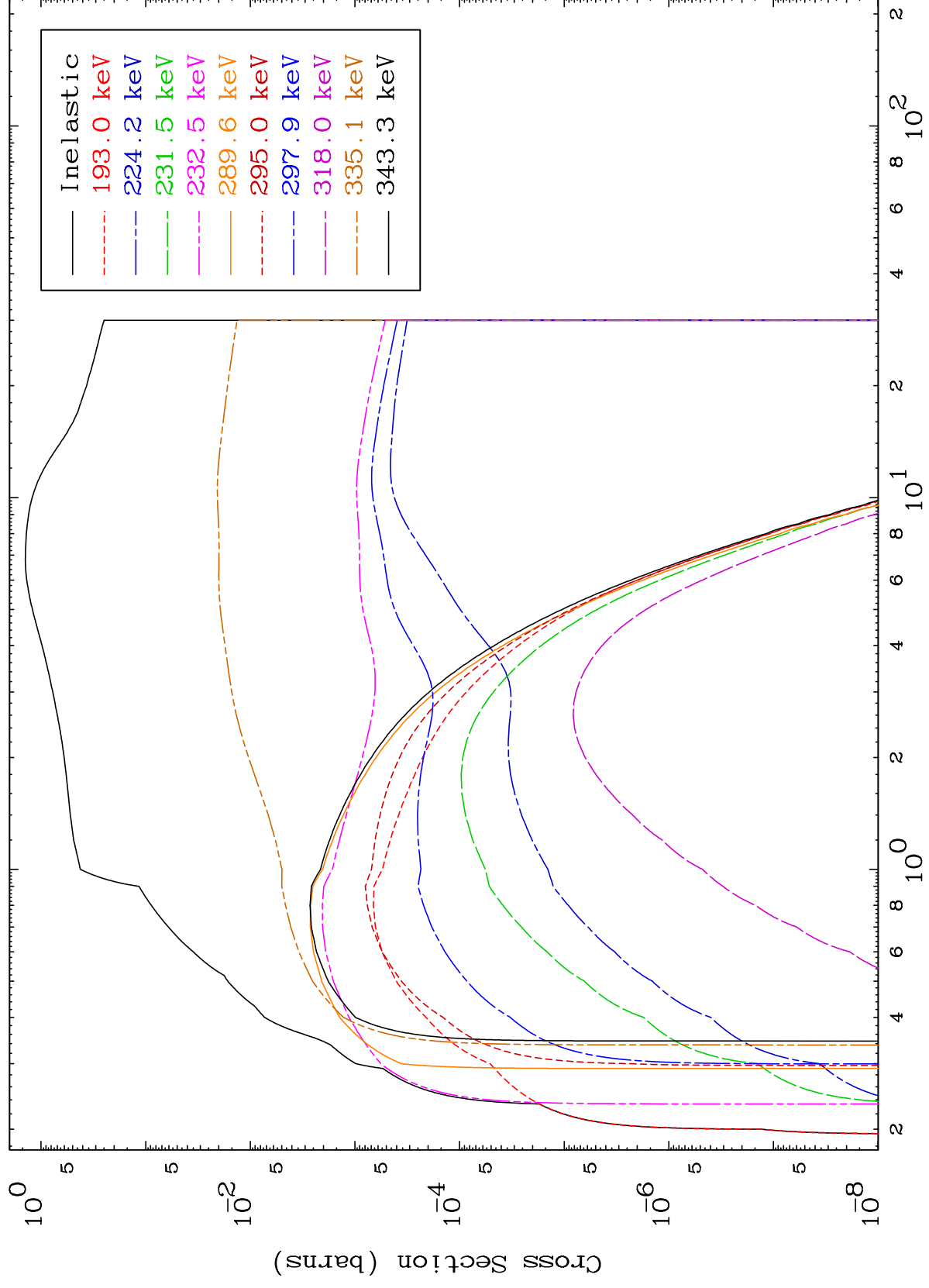


MAT 7674

(n,n') Level

77-Ir-174

293 Kelvin Cross Sections

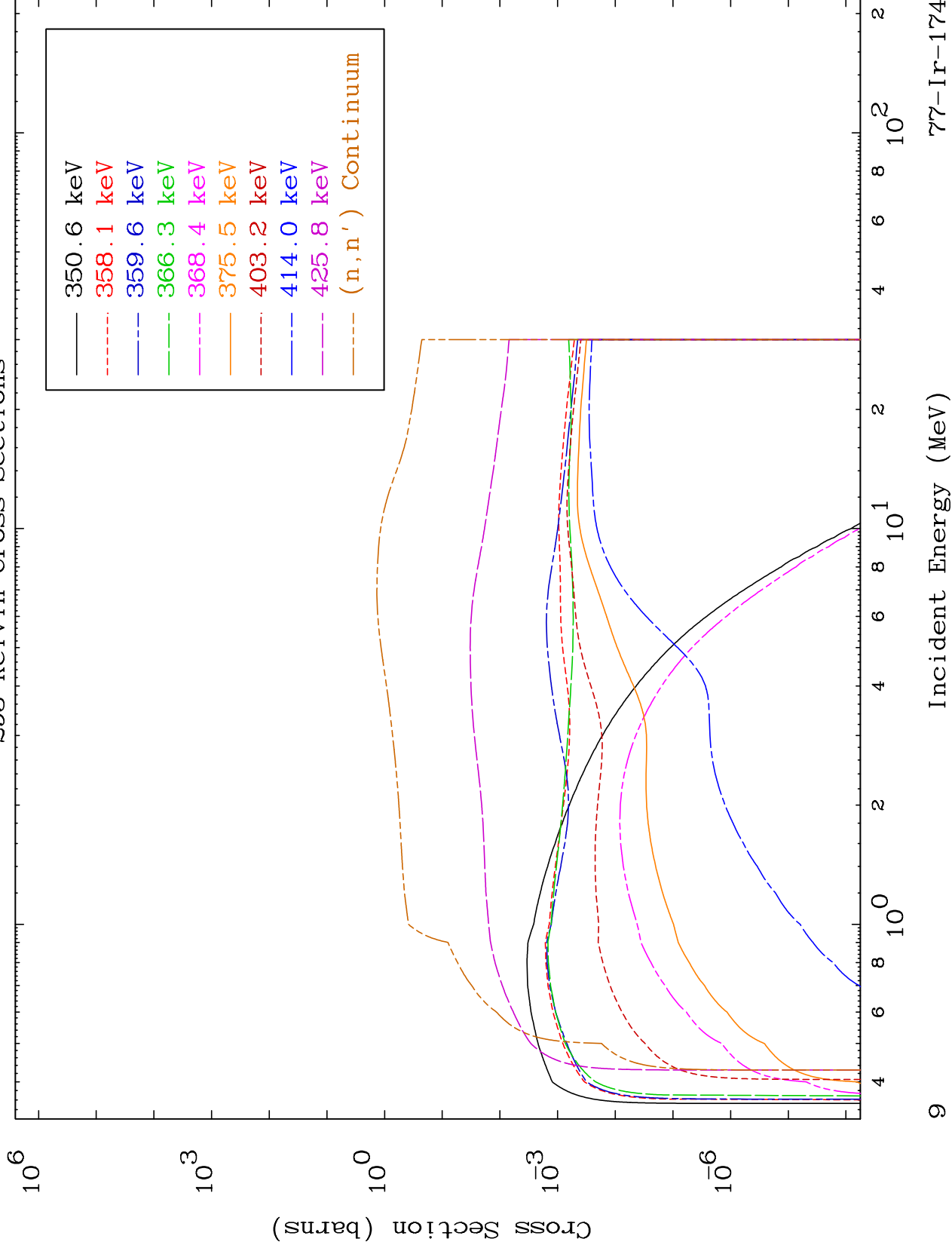


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Incident Energy (MeV)

77-Ir-174

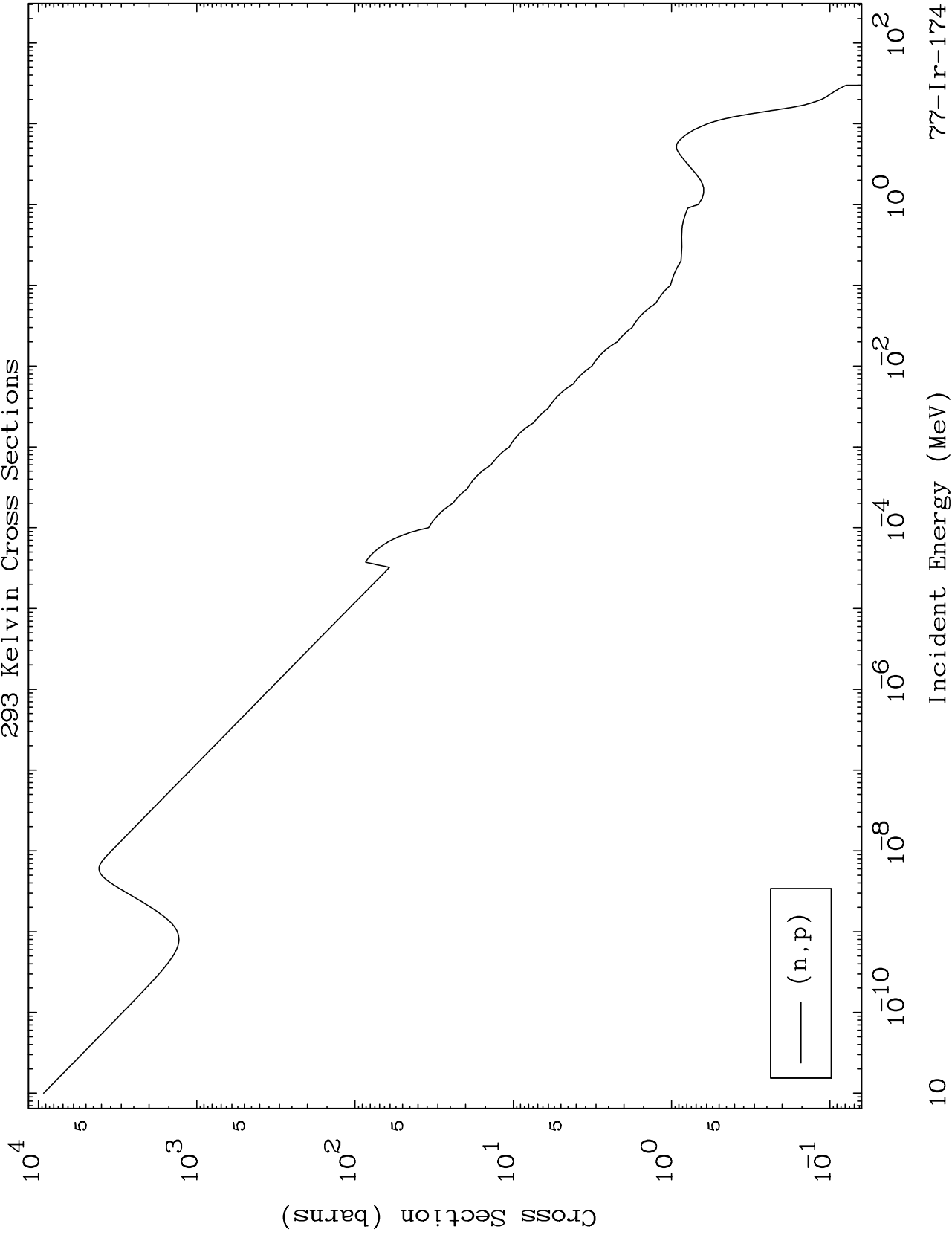
293 Kelvin Cross Sections



MAT 7674

(n,p) Levels
293 Kelvin Cross Sections

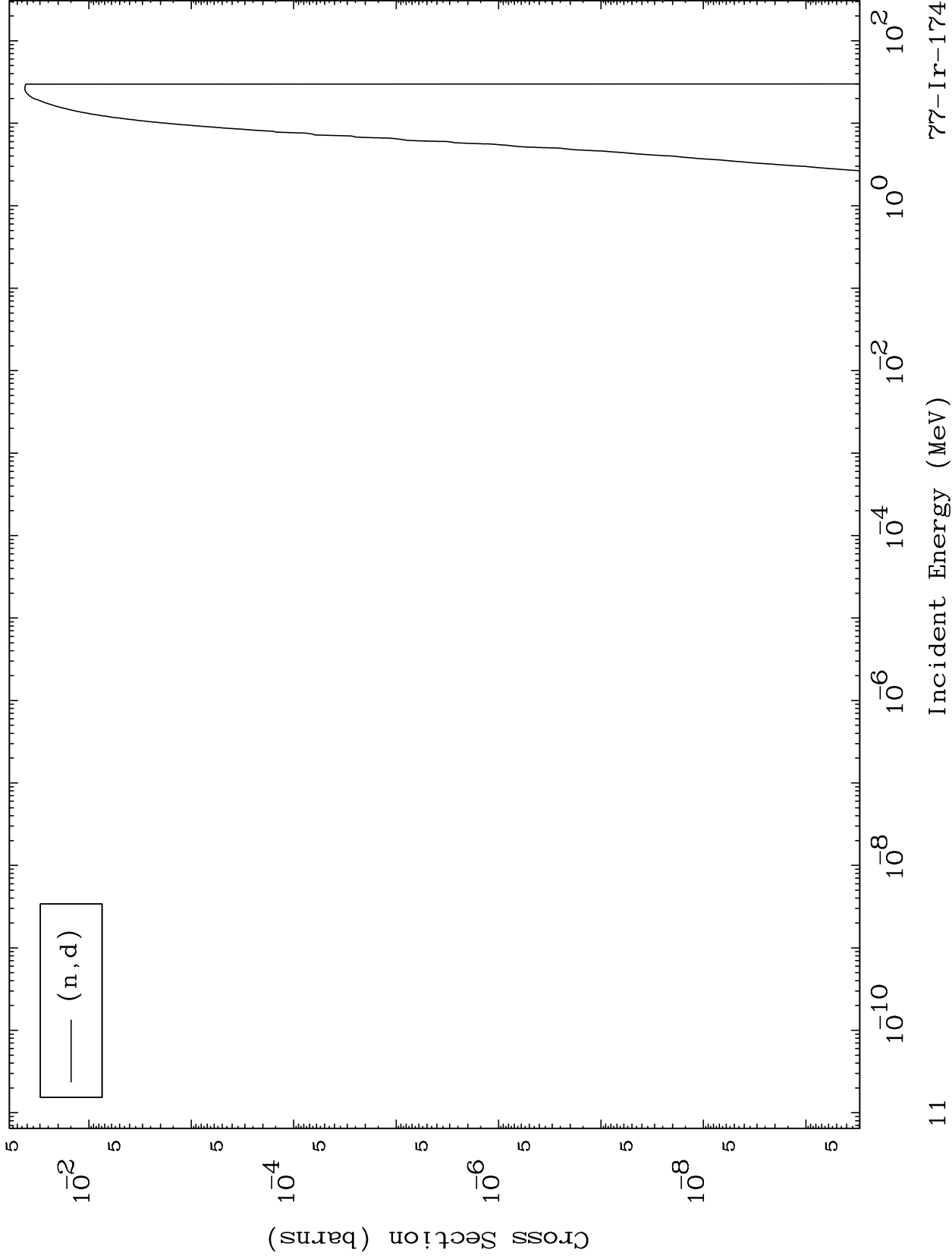
77-Ir-174



MAT 7674

(n,d) Levels
293 Kelvin Cross Sections

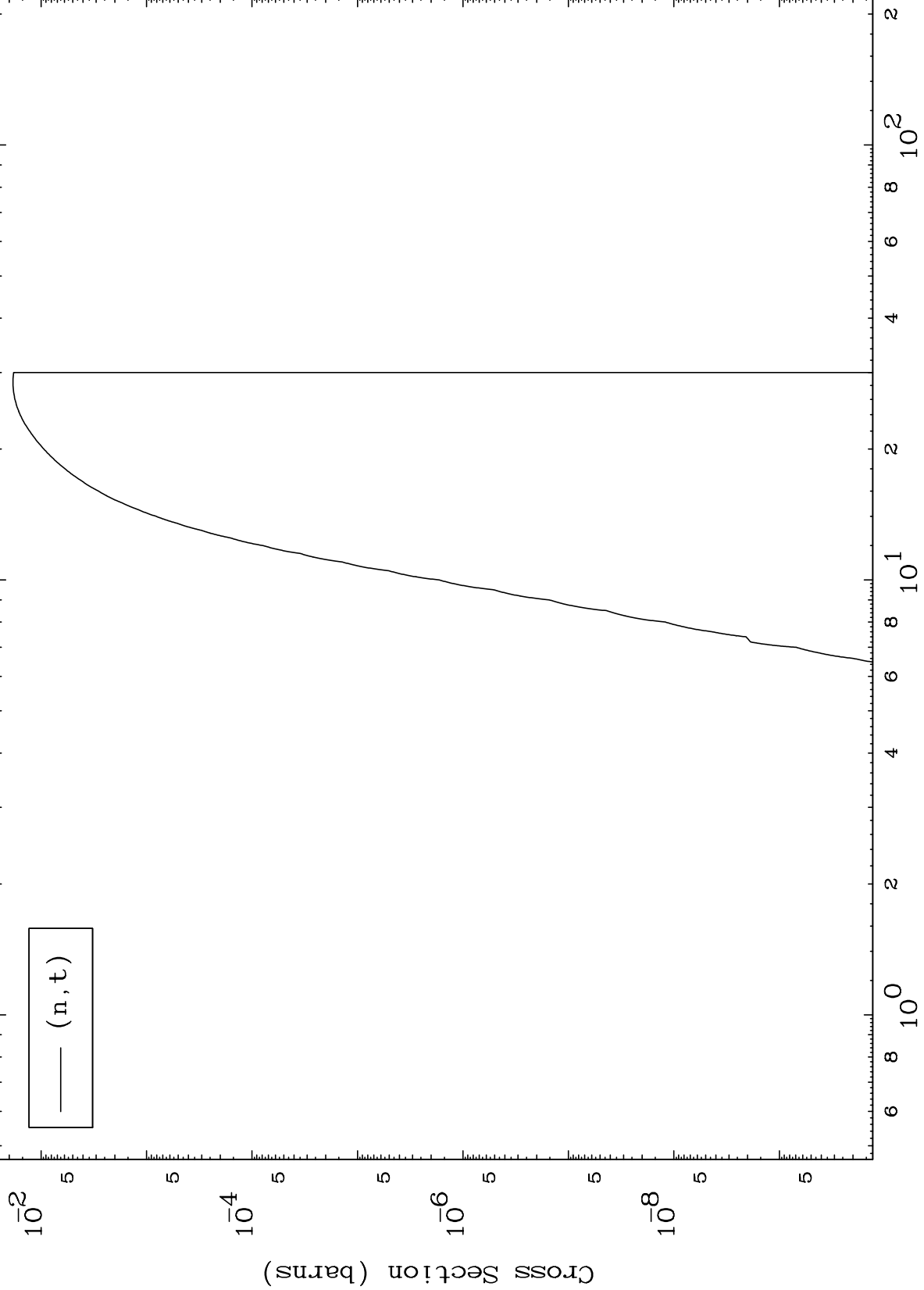
77-Ir-174



MAT 7674

(n,t) Levels
293 Kelvin Cross Sections

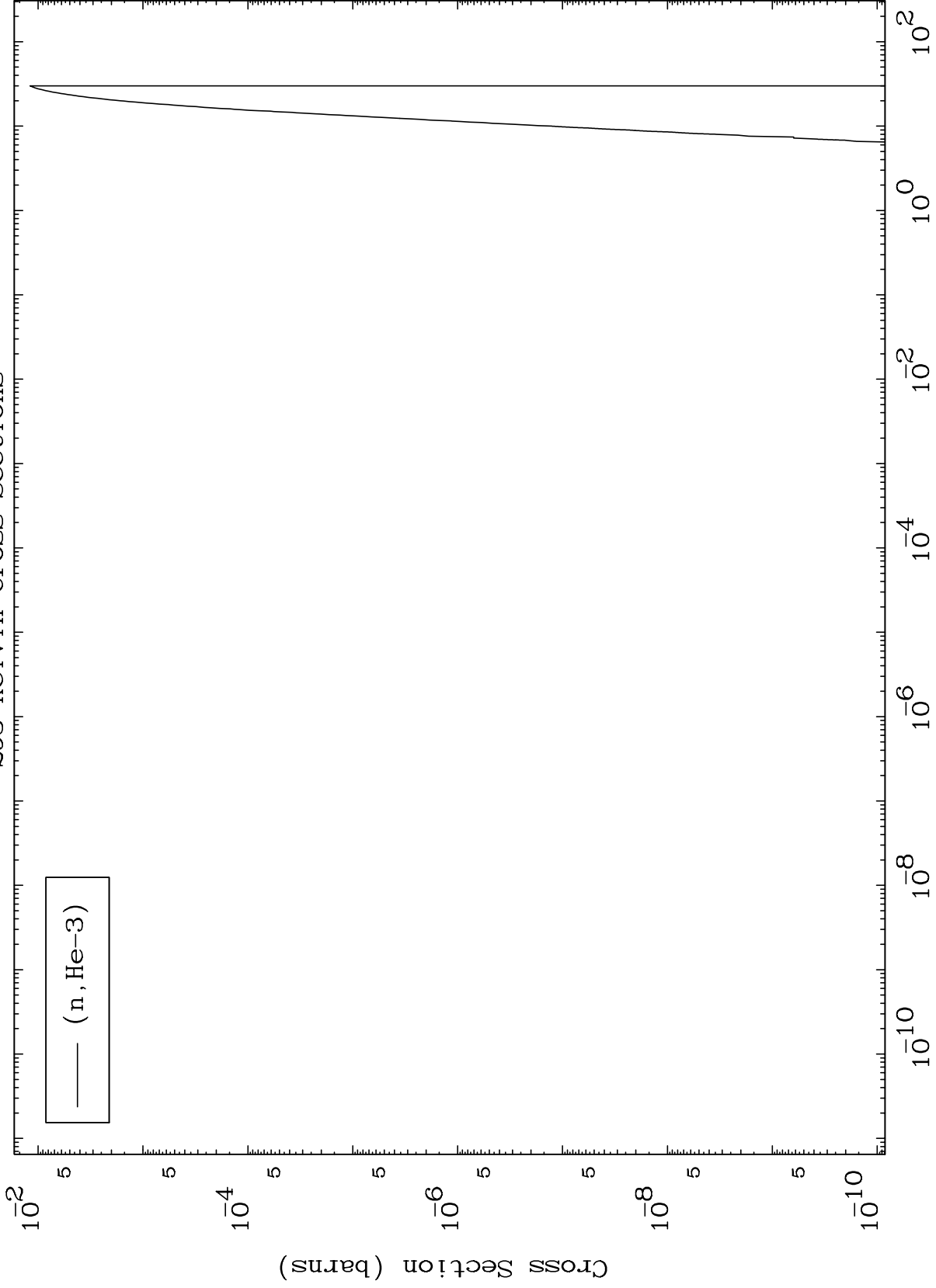
77-Ir-174



MAT 7674

(n,He3) Levels
293 Kelvin Cross Sections

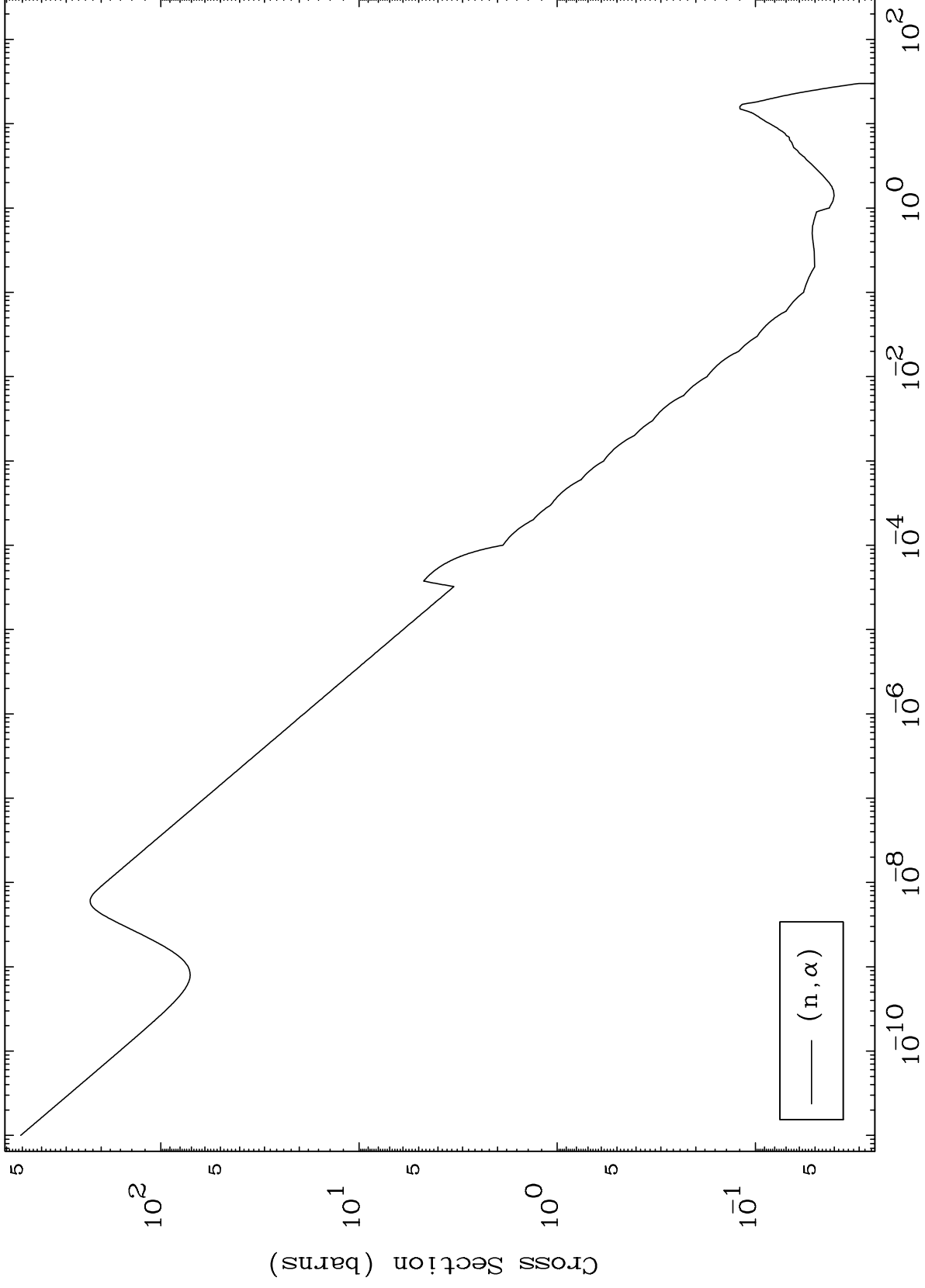
77-Ir-174



MAT 7674

(n,α) Levels
293 Kelvin Cross Sections

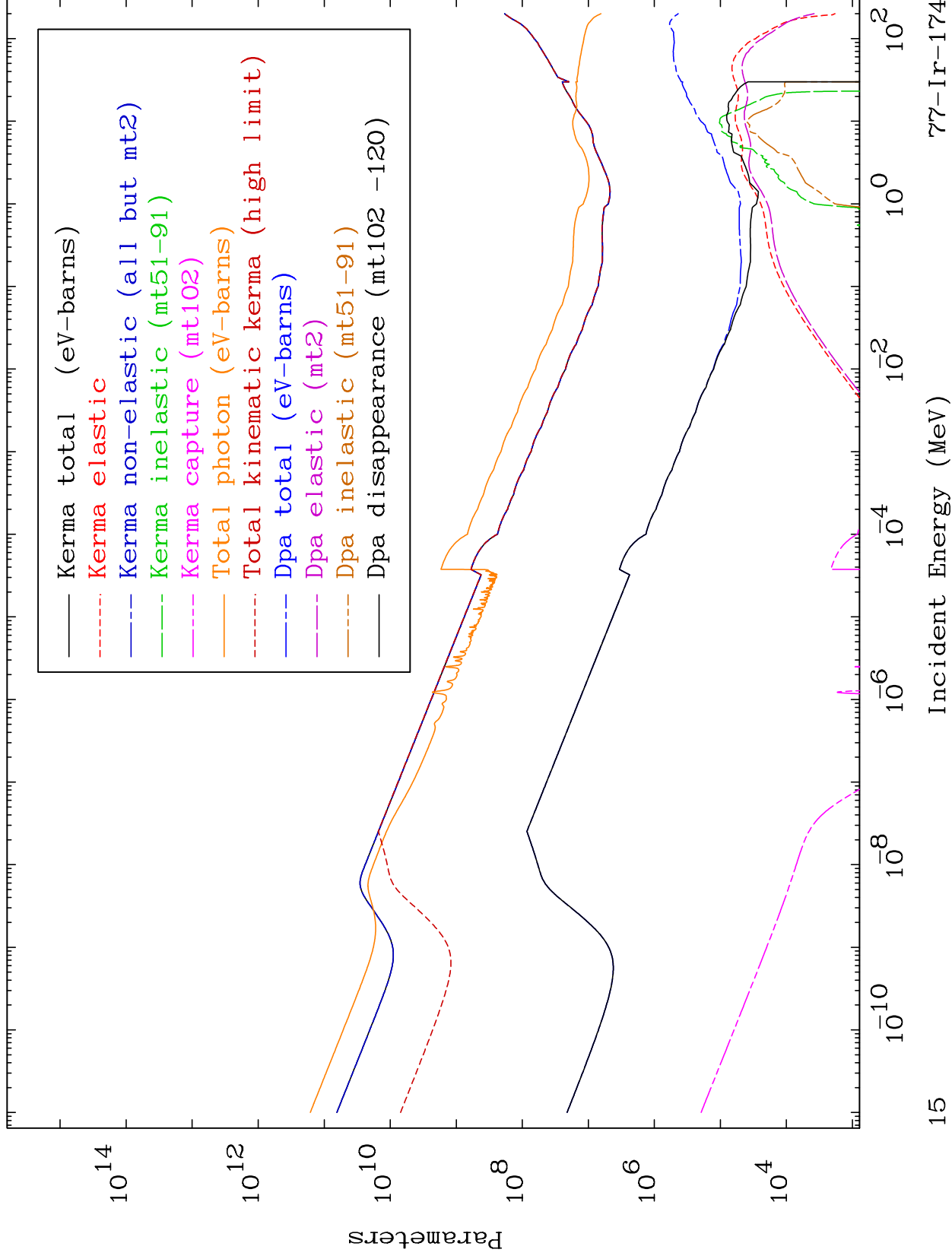
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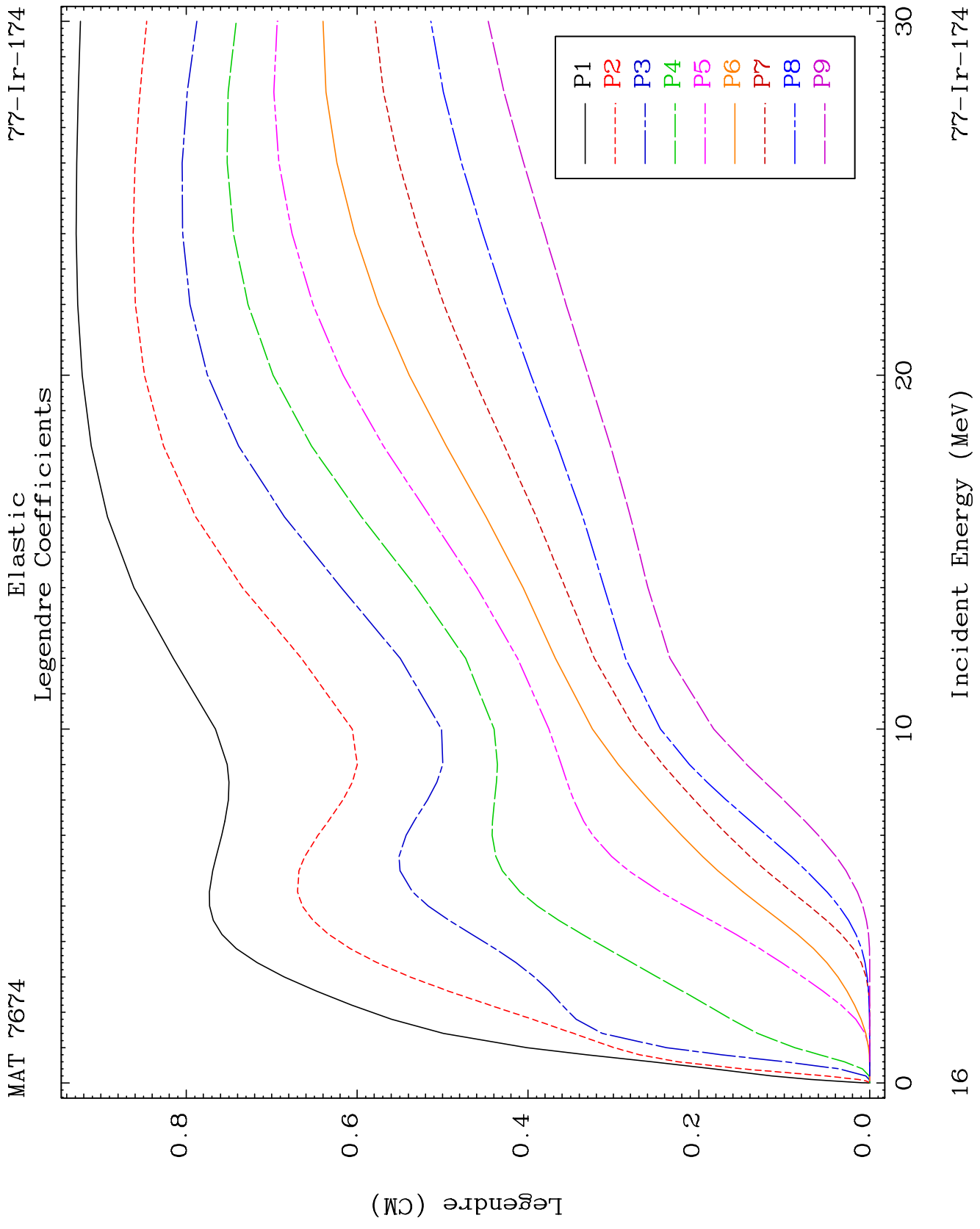


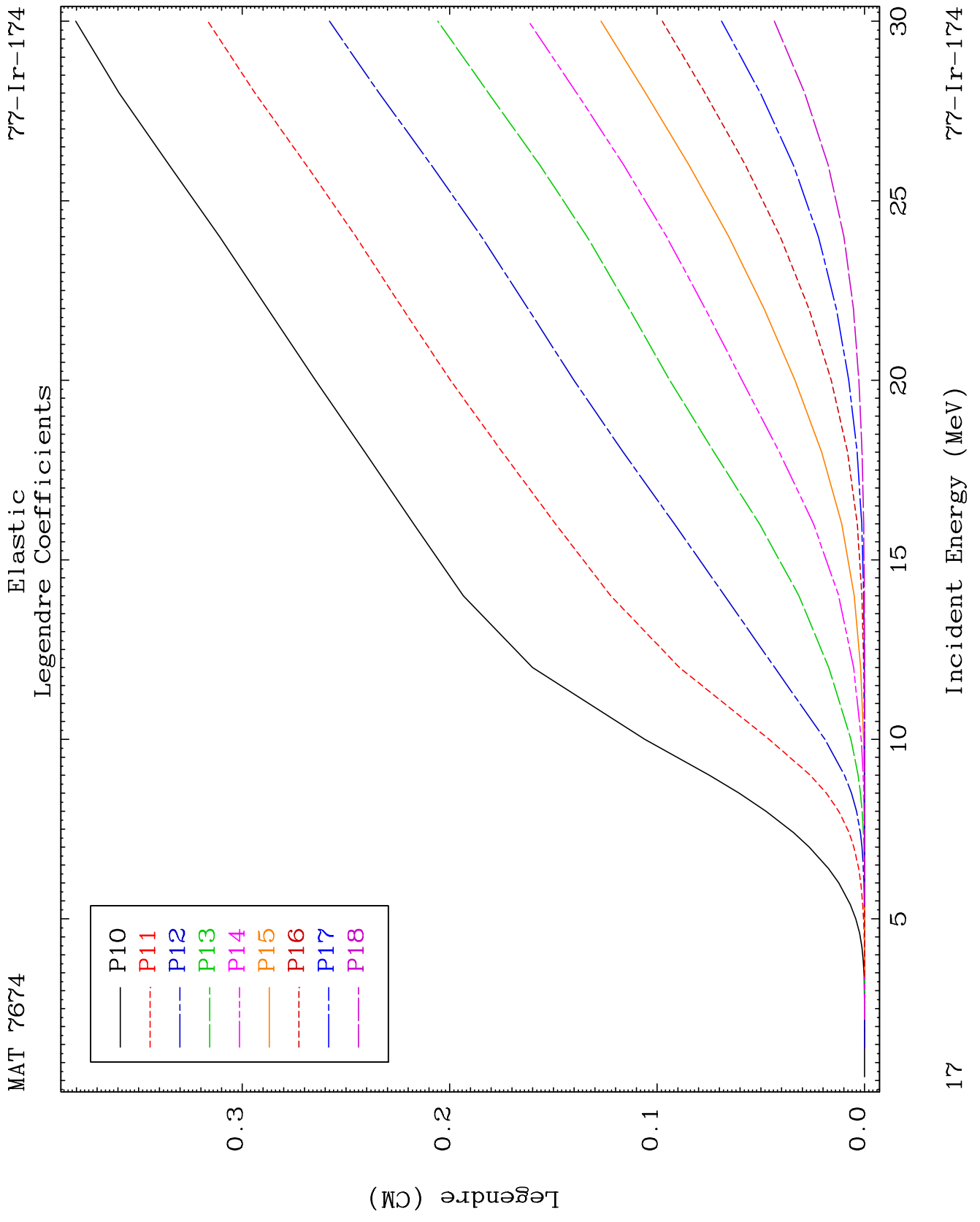
Incident Energy (MeV)

77-Ir-174

14



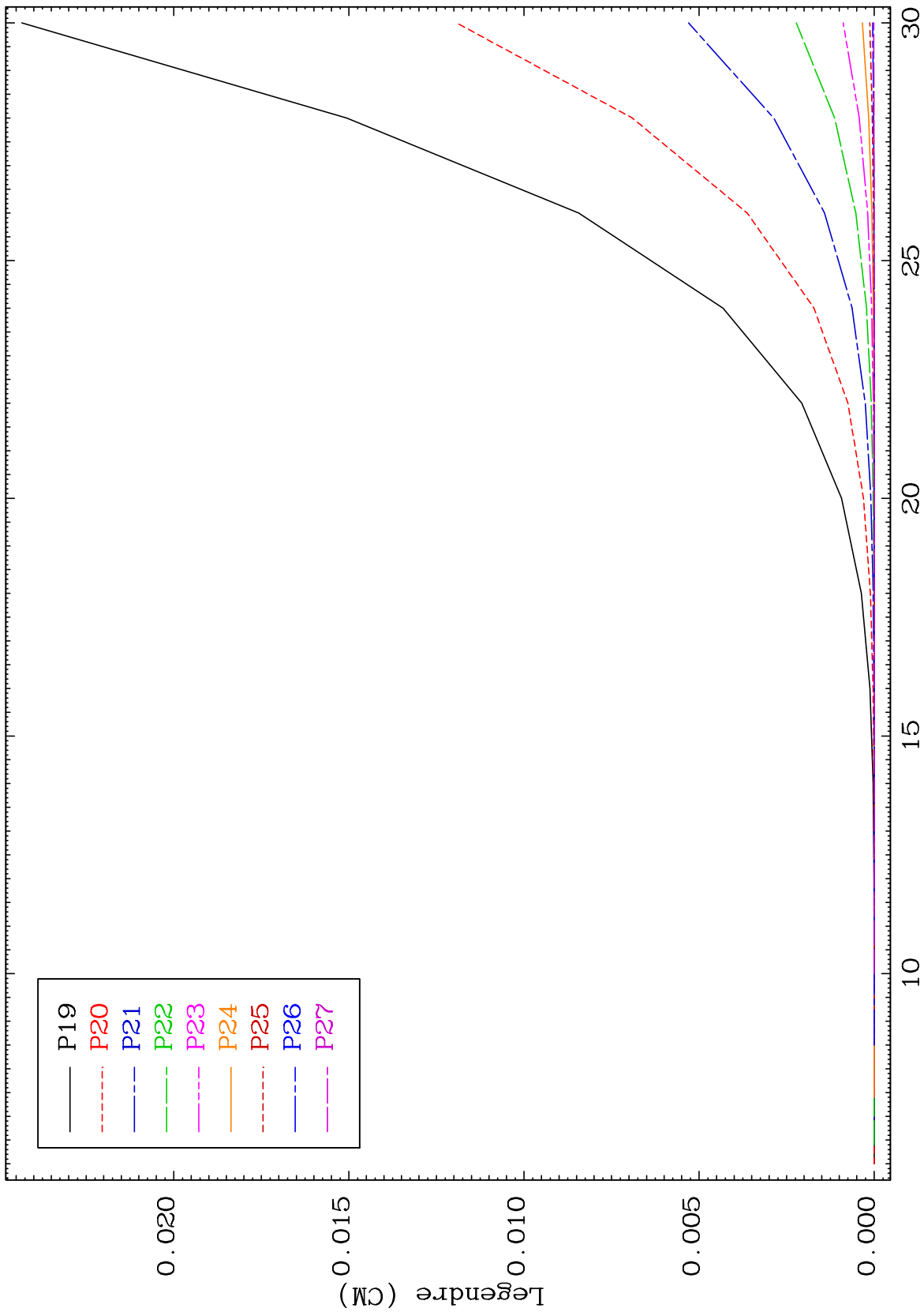




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Elastic Legendre Coefficients

77-Ir-174



18

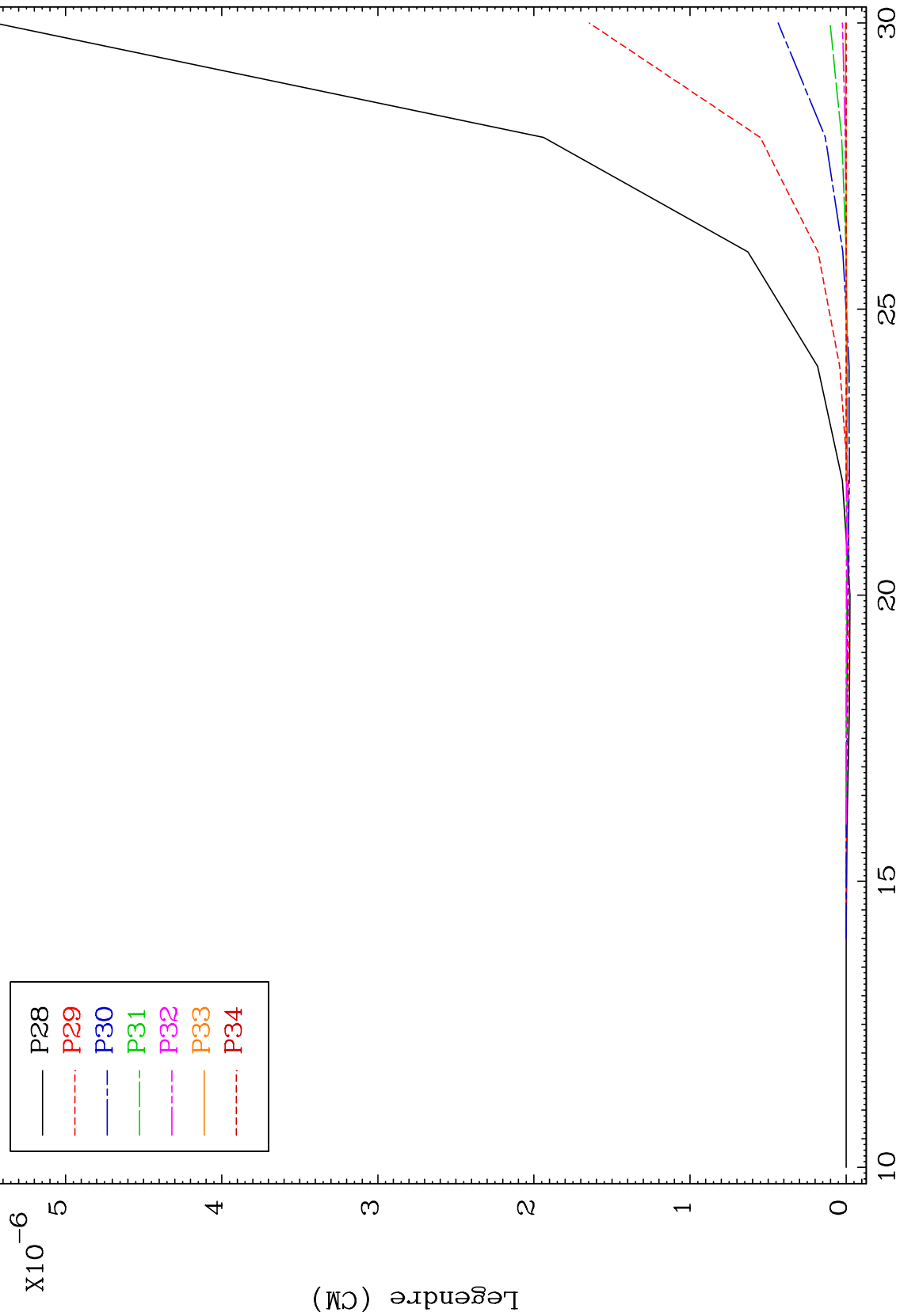
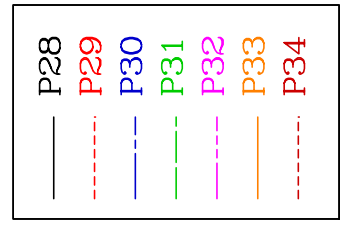
Incident Energy (MeV)

77-Ir-174

MAT 7674

Elastic
Legendre Coefficients

77-Ir-174



Incident Energy (MeV)

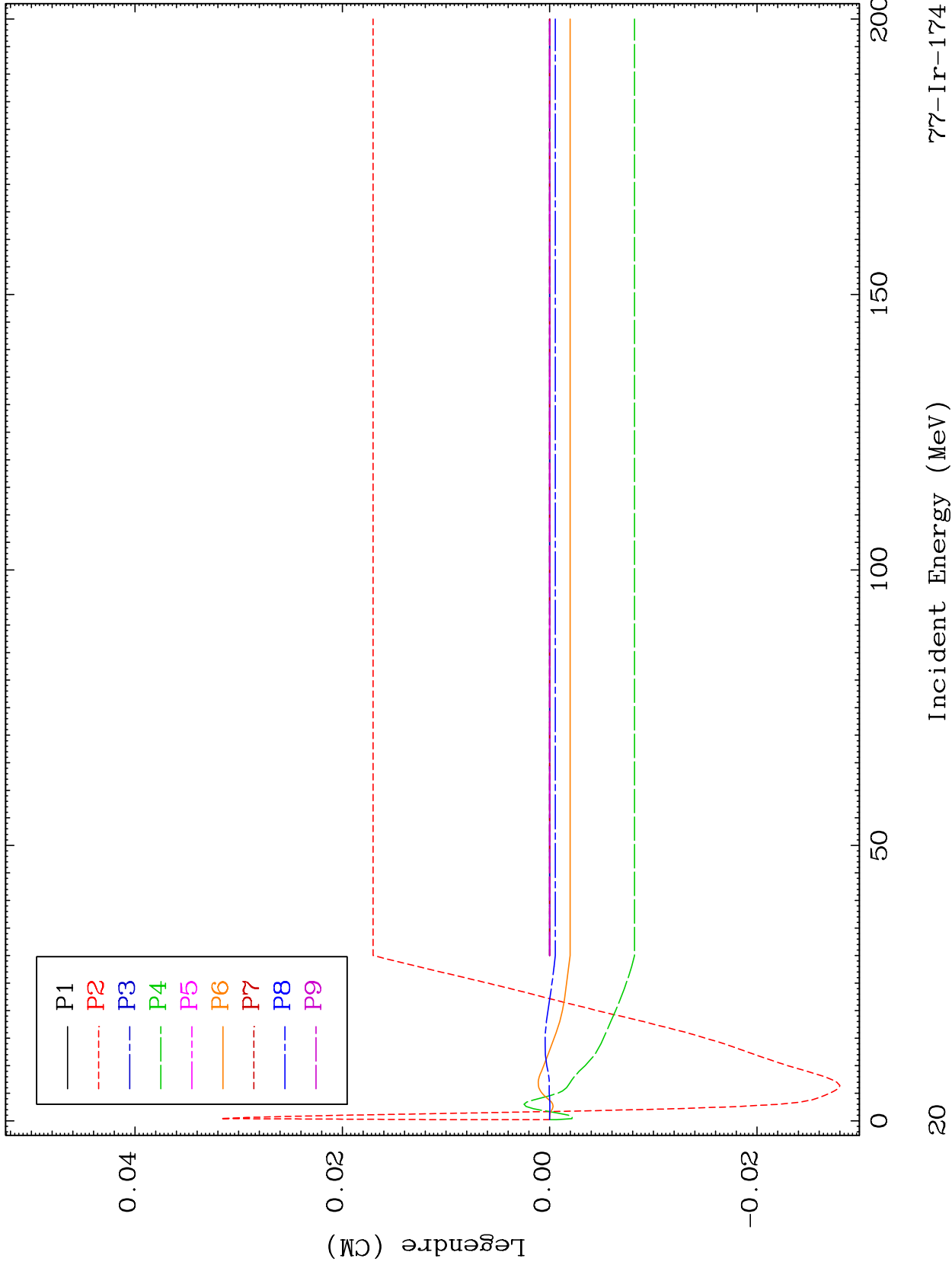
77-Ir-174

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MAT 7674

193.0 keV (n,n') Level
Legendre Coefficients

77-Ir-174

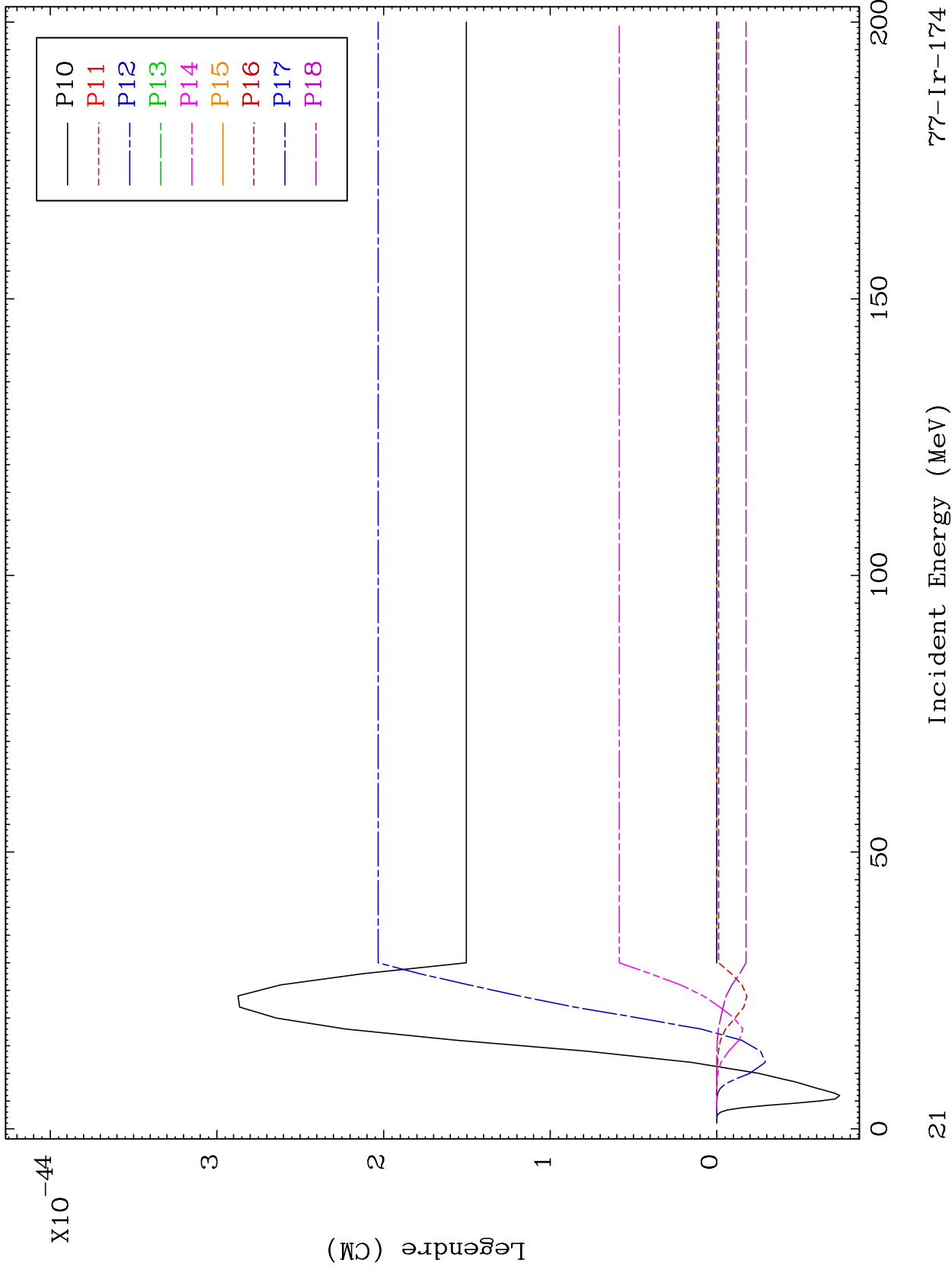


77-Ir-174

MAT 7674

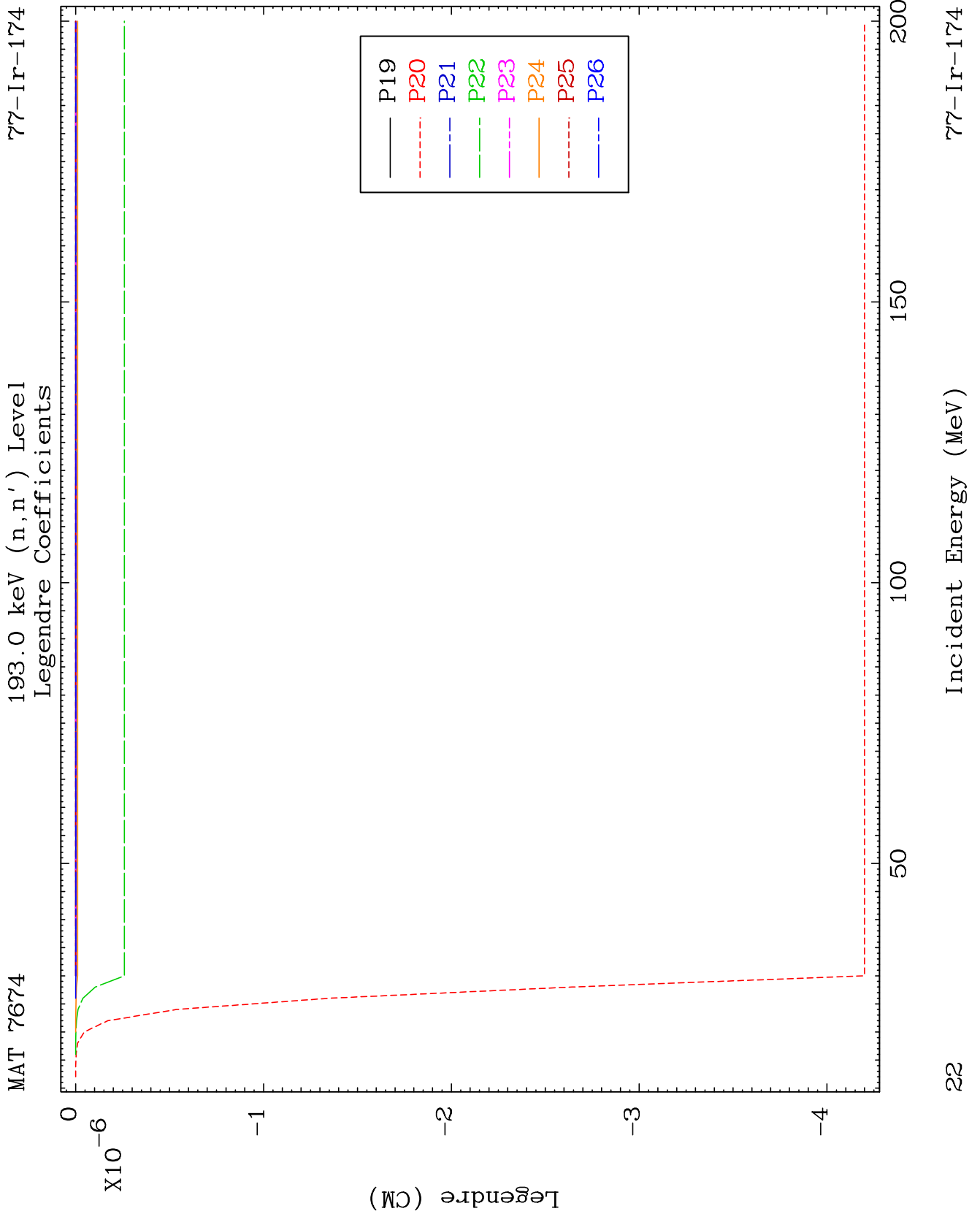
193.0 keV (n,n') Level
Legendre Coefficients

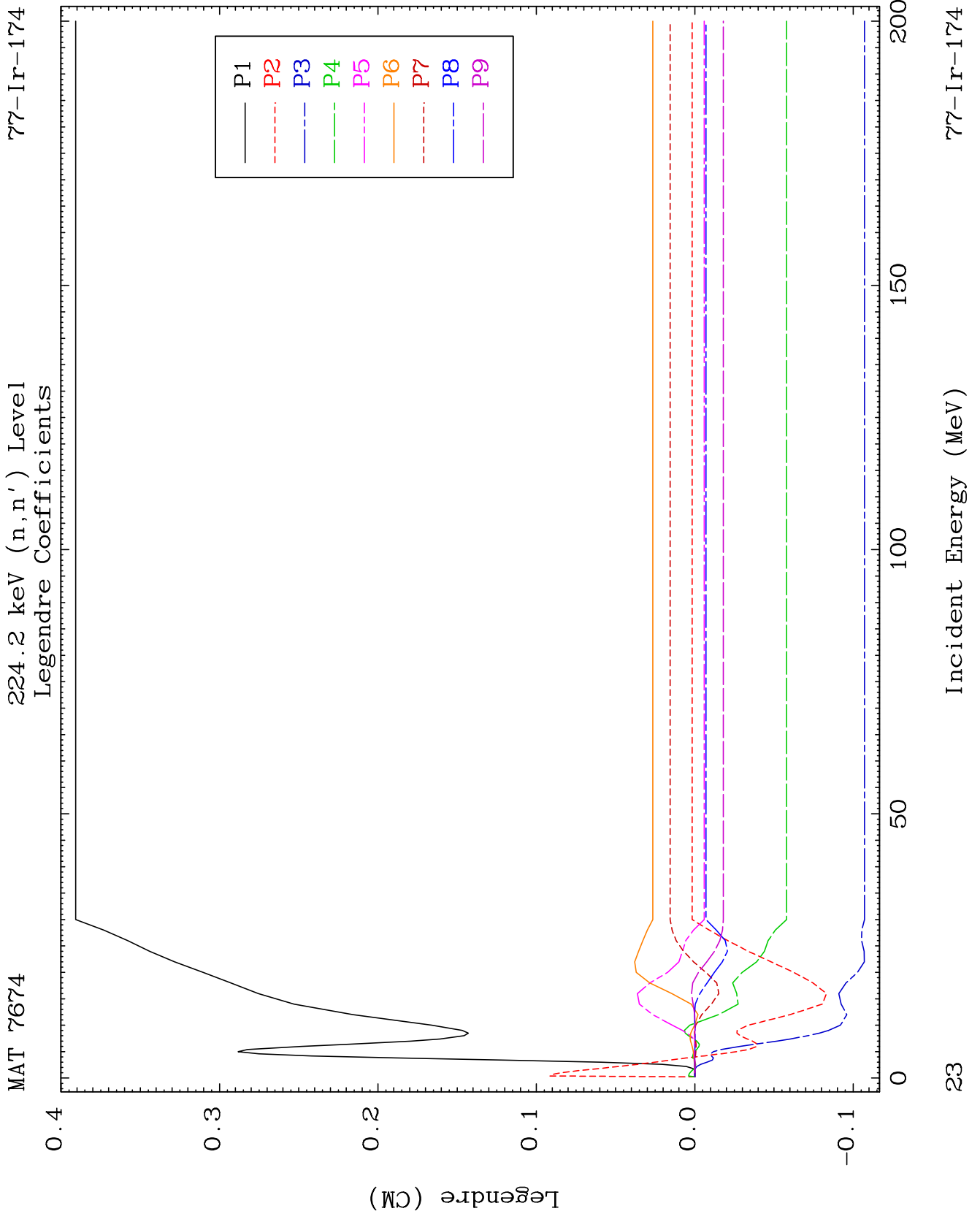
77-Ir-174

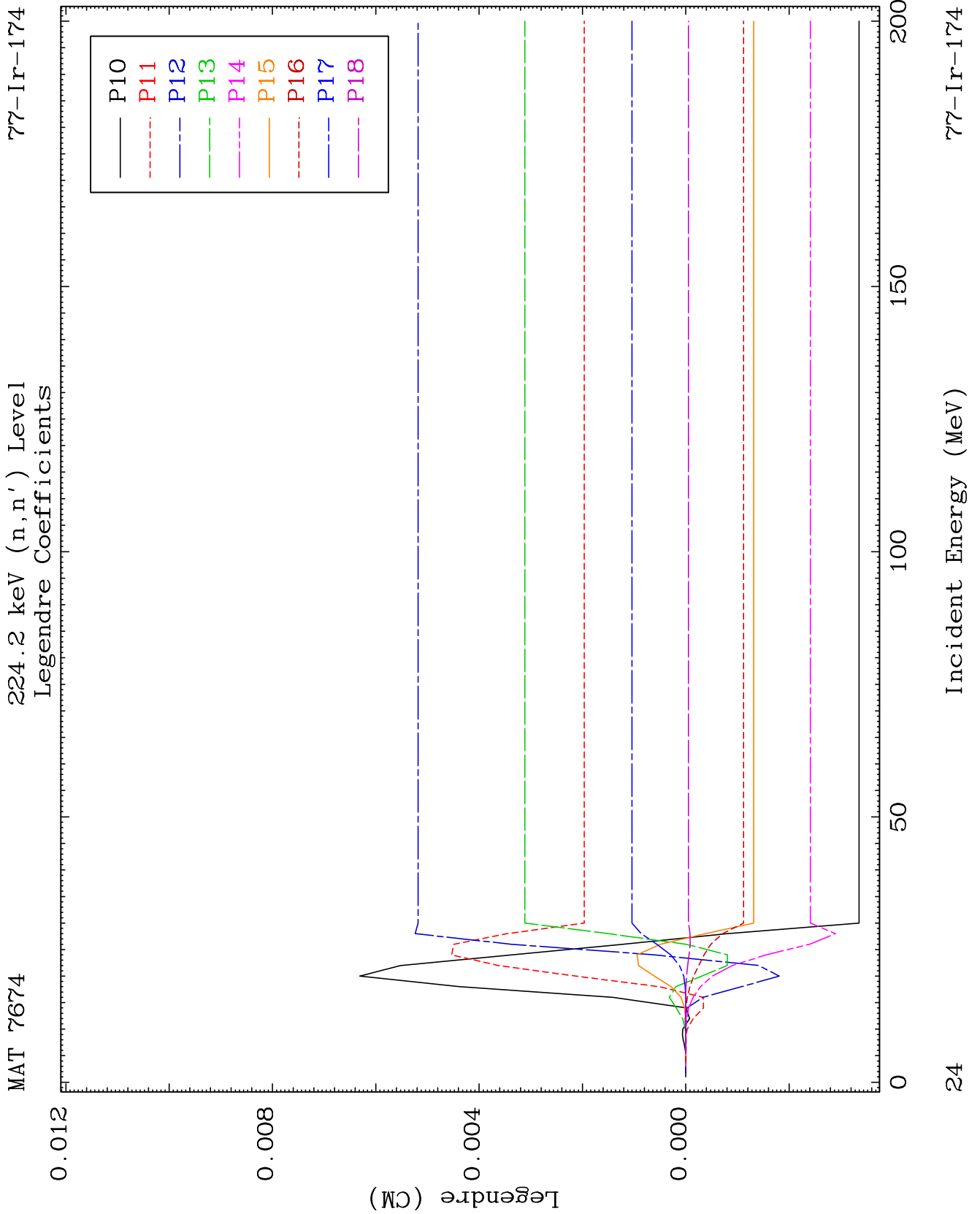


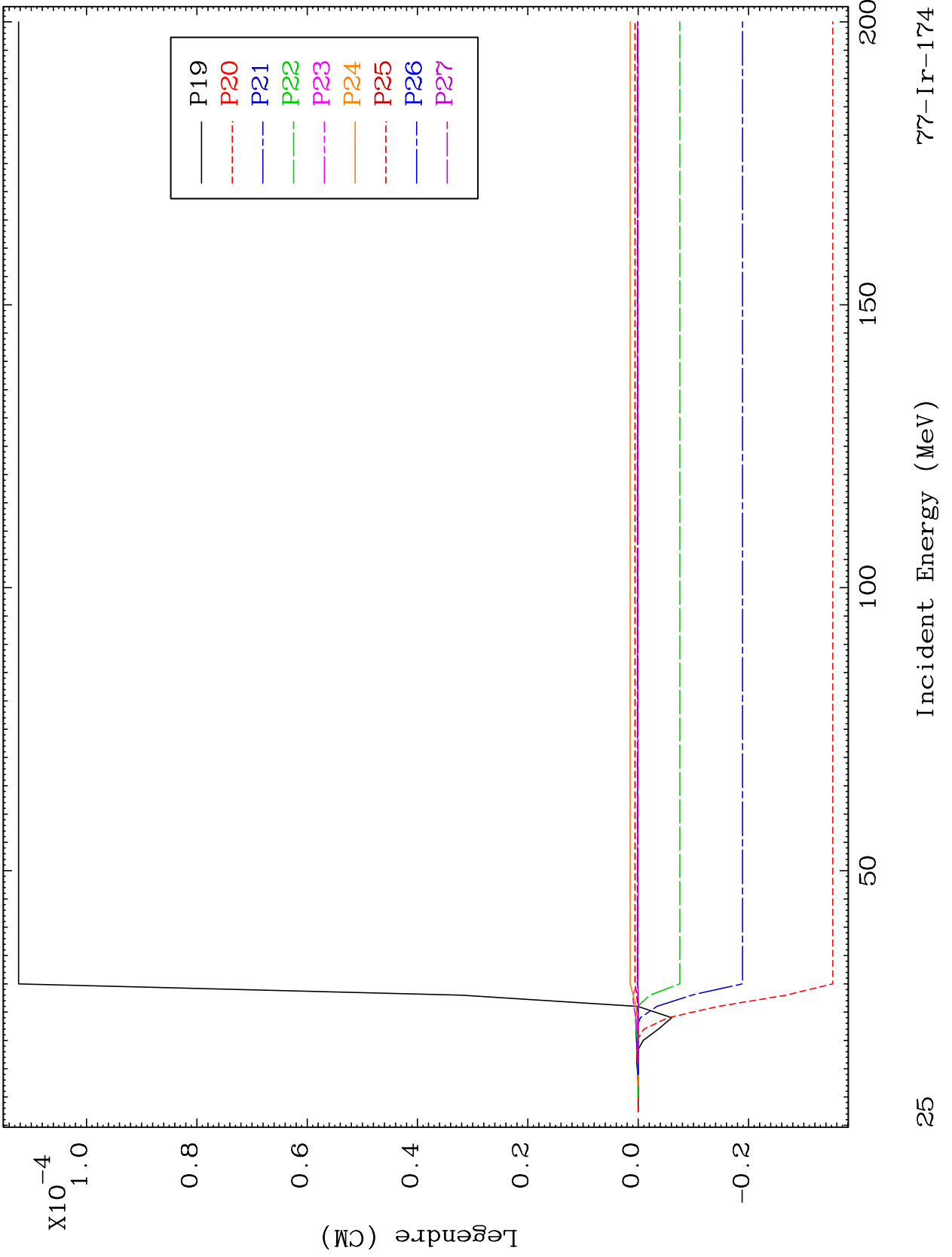
21

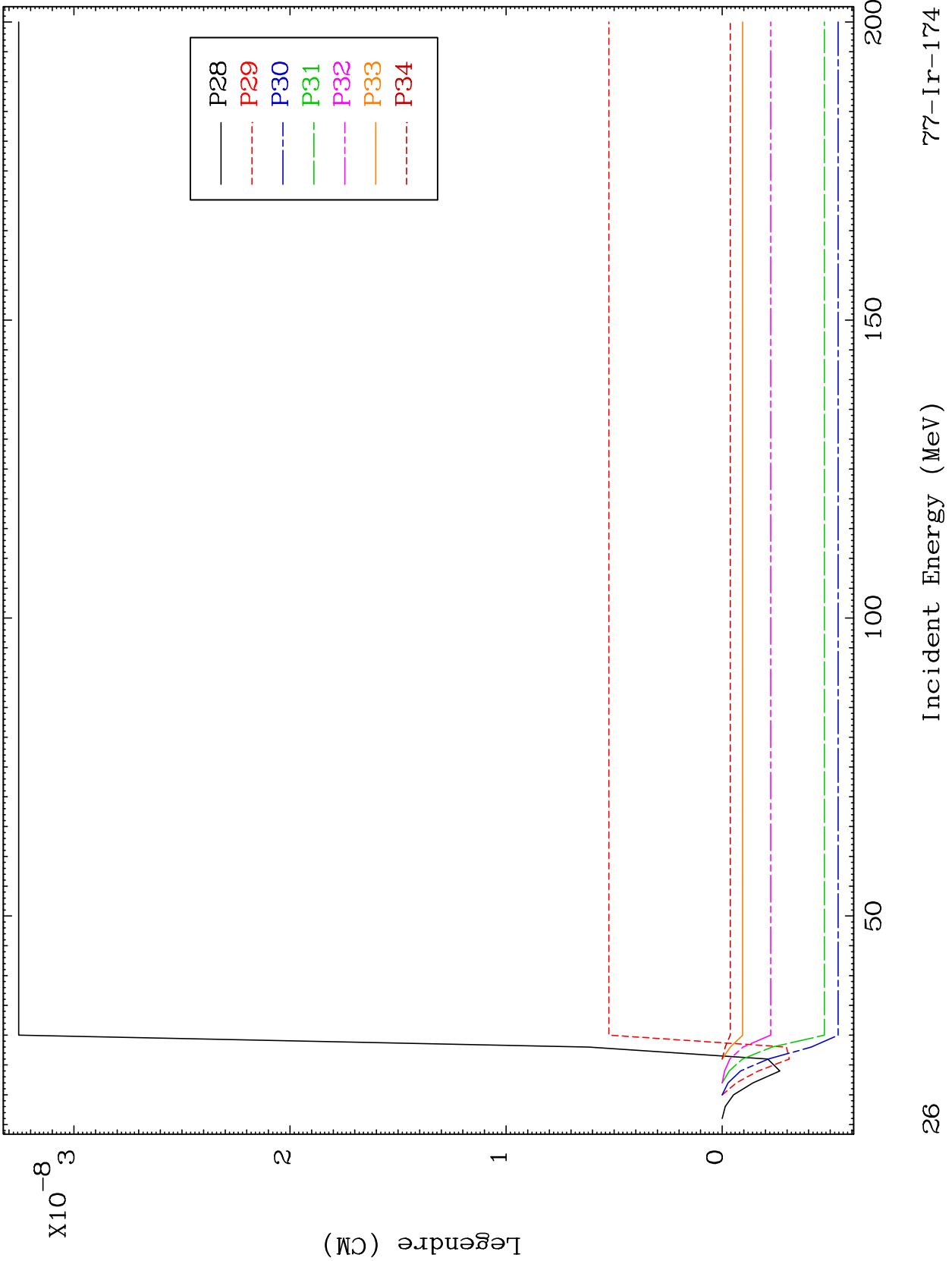
77-Ir-174

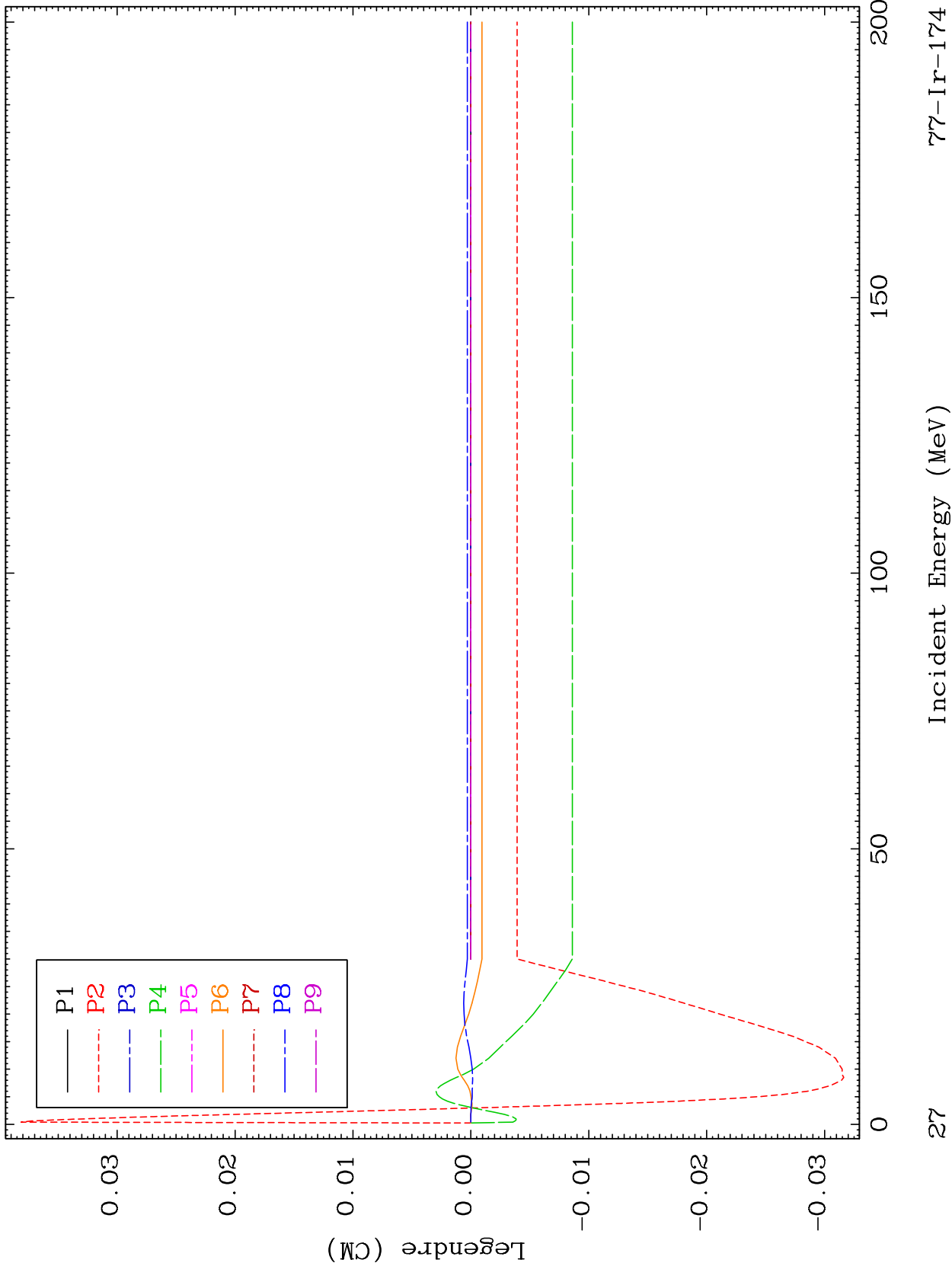








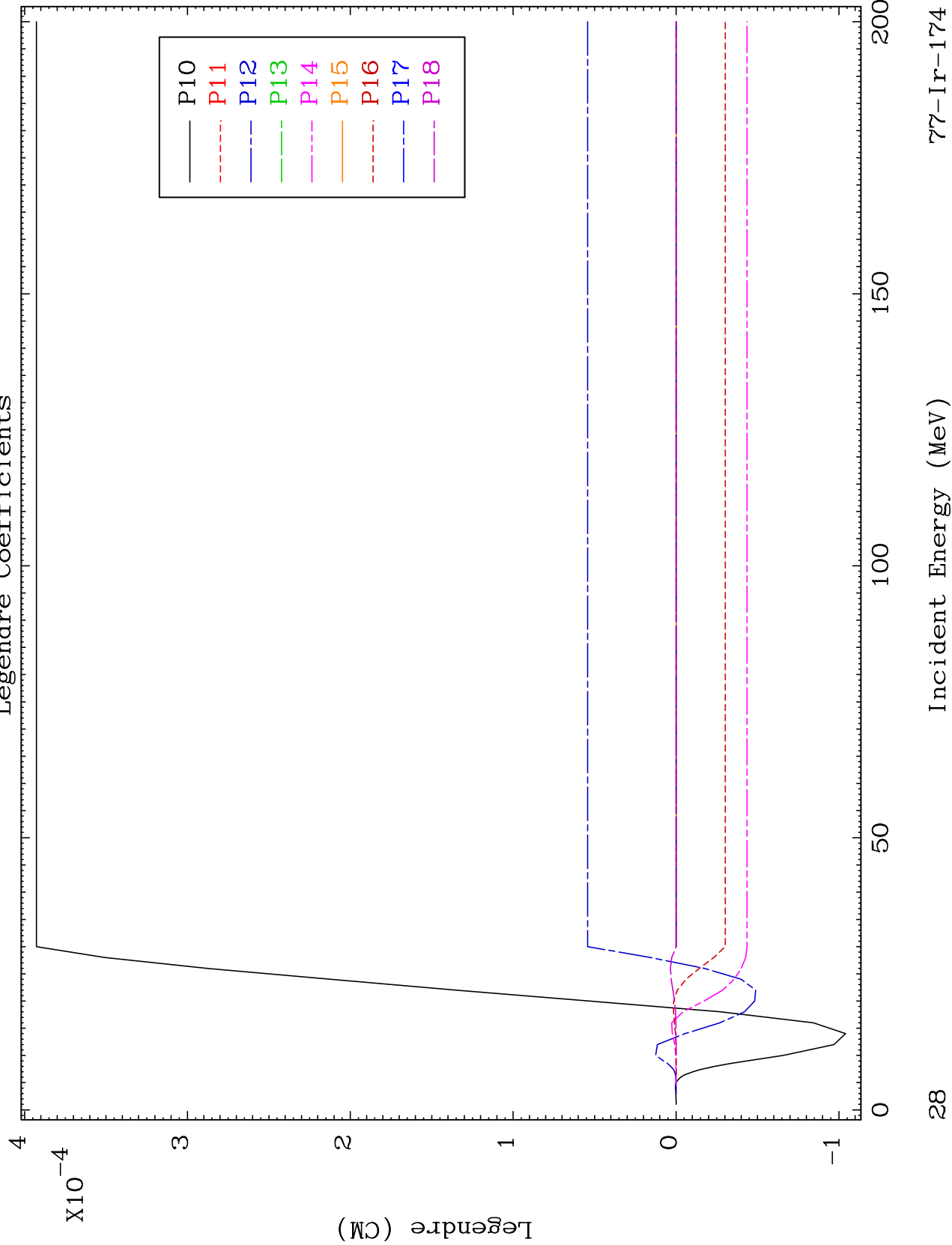




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231.5 keV (n,n') Level
Legendre Coefficients

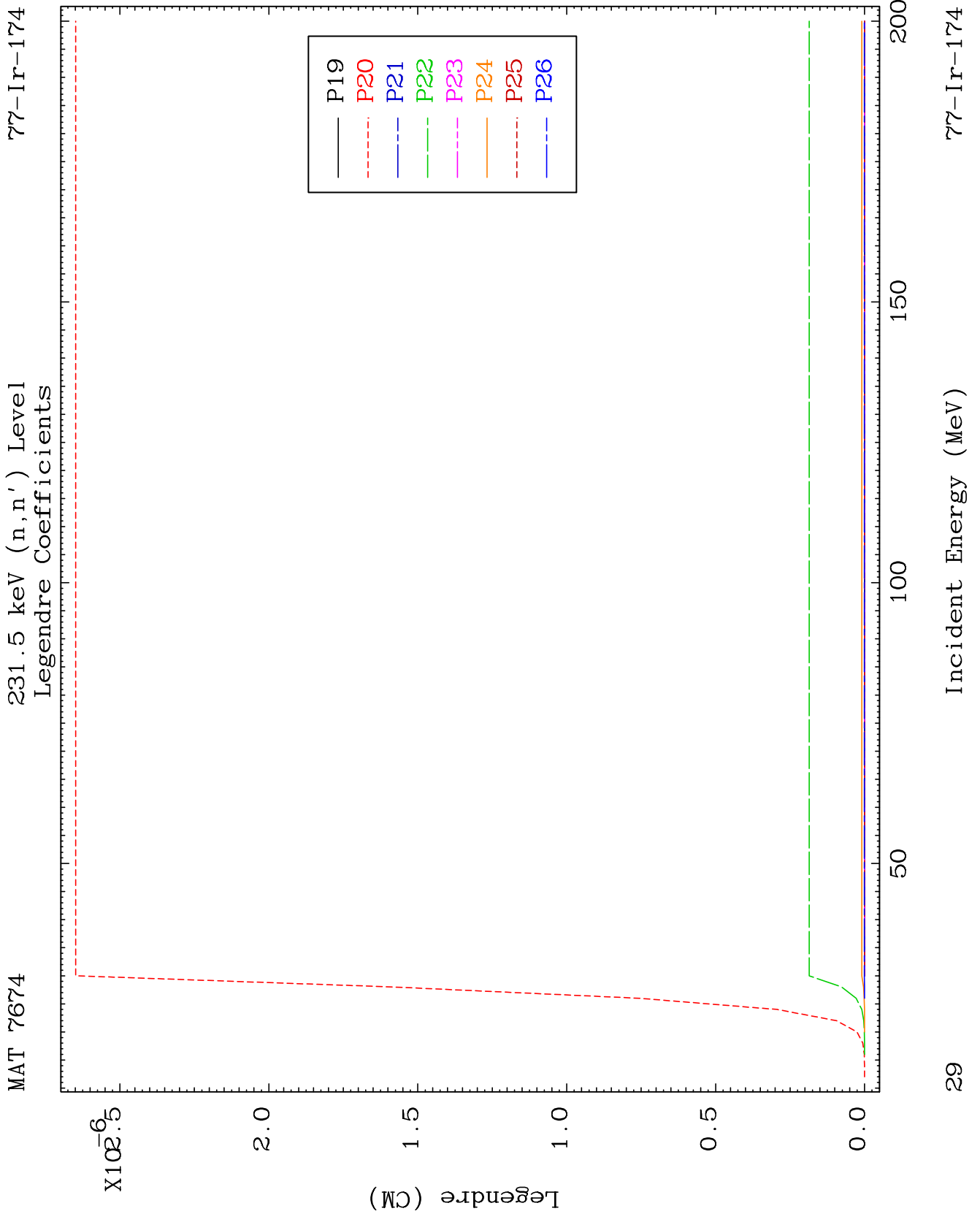
77-Ir-174



77-Ir-174

Incident Energy (MeV)

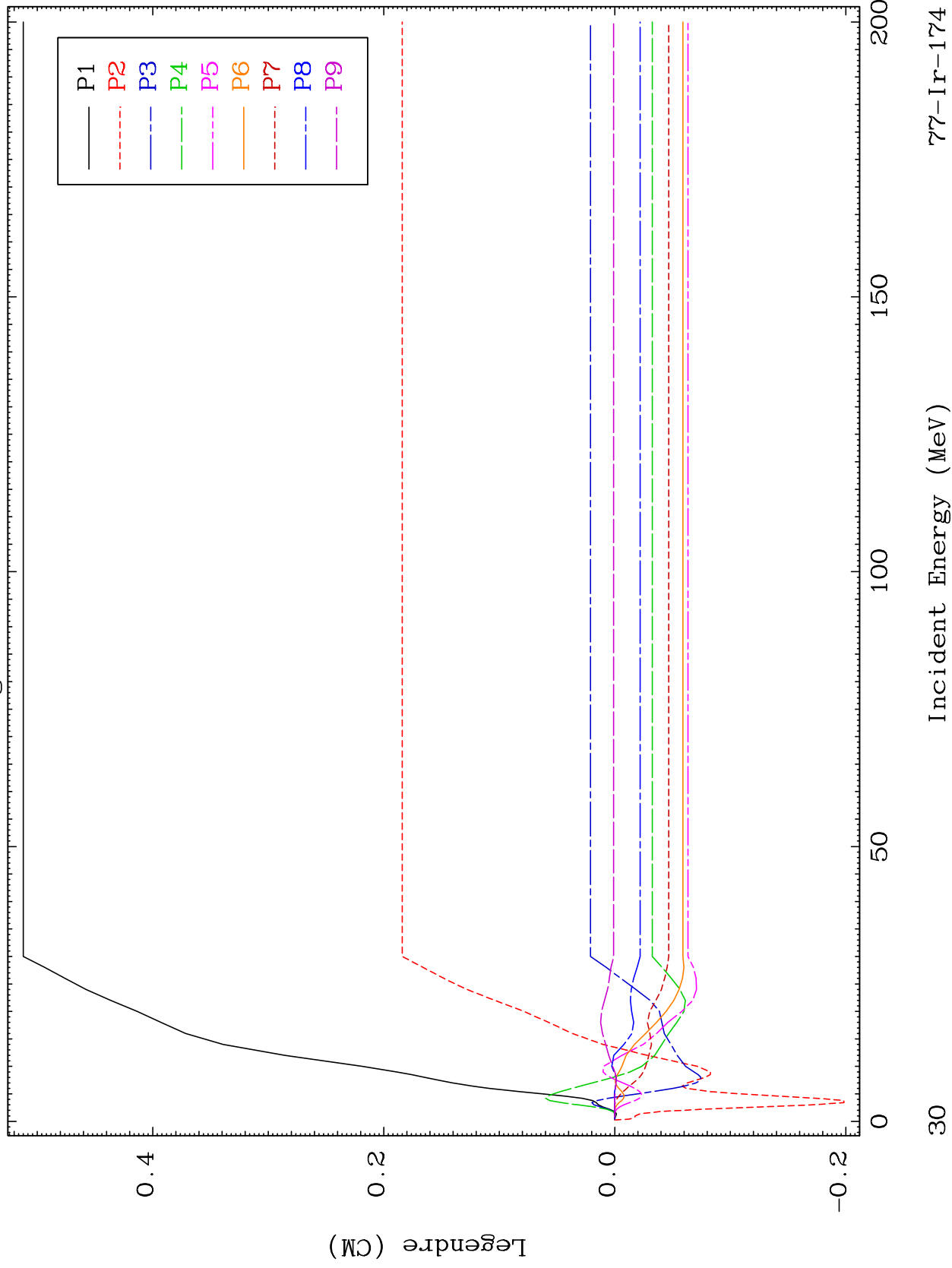
28



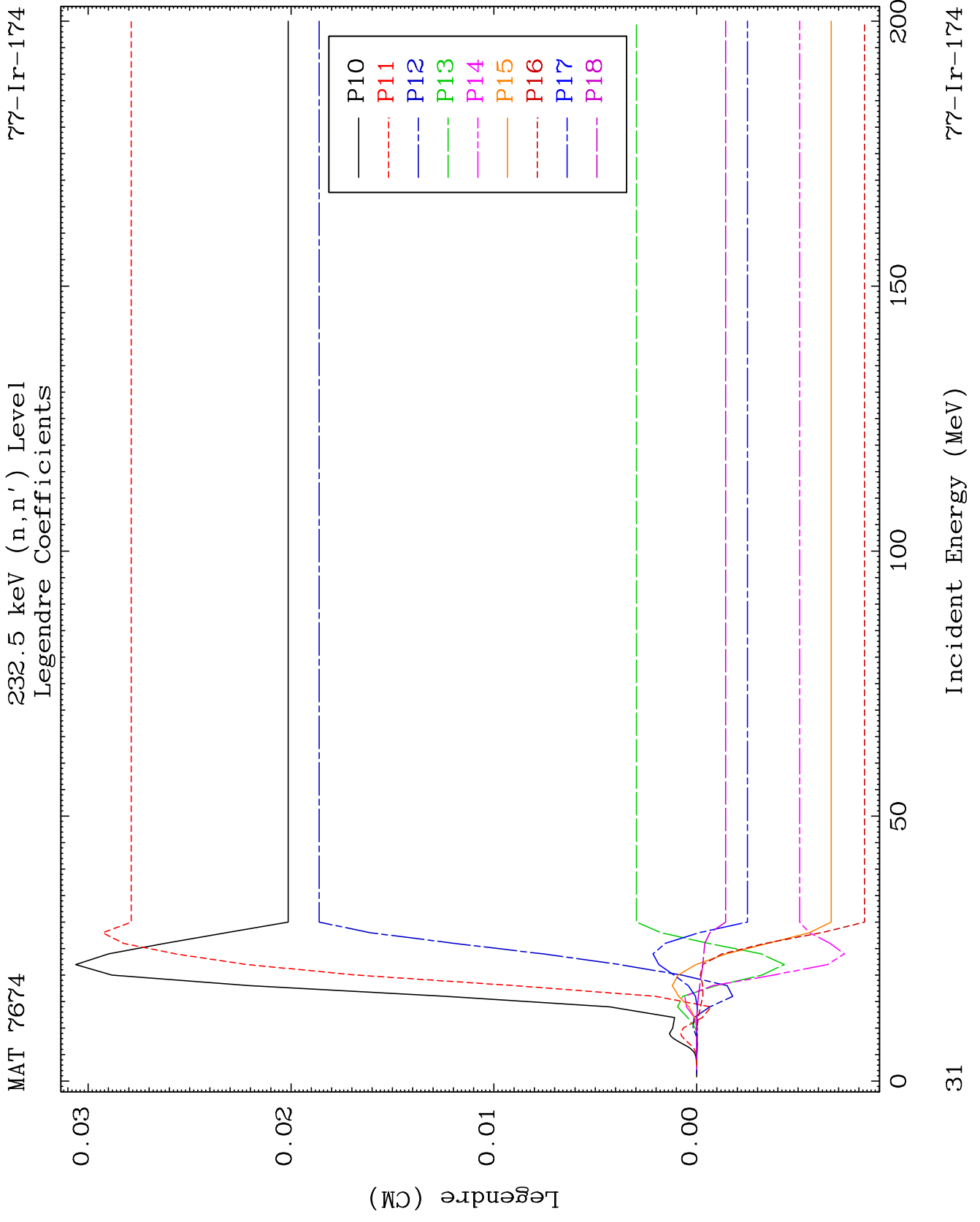
MAT 7674

232.5 keV (n,n') Level
Legendre Coefficients

77-Ir-174



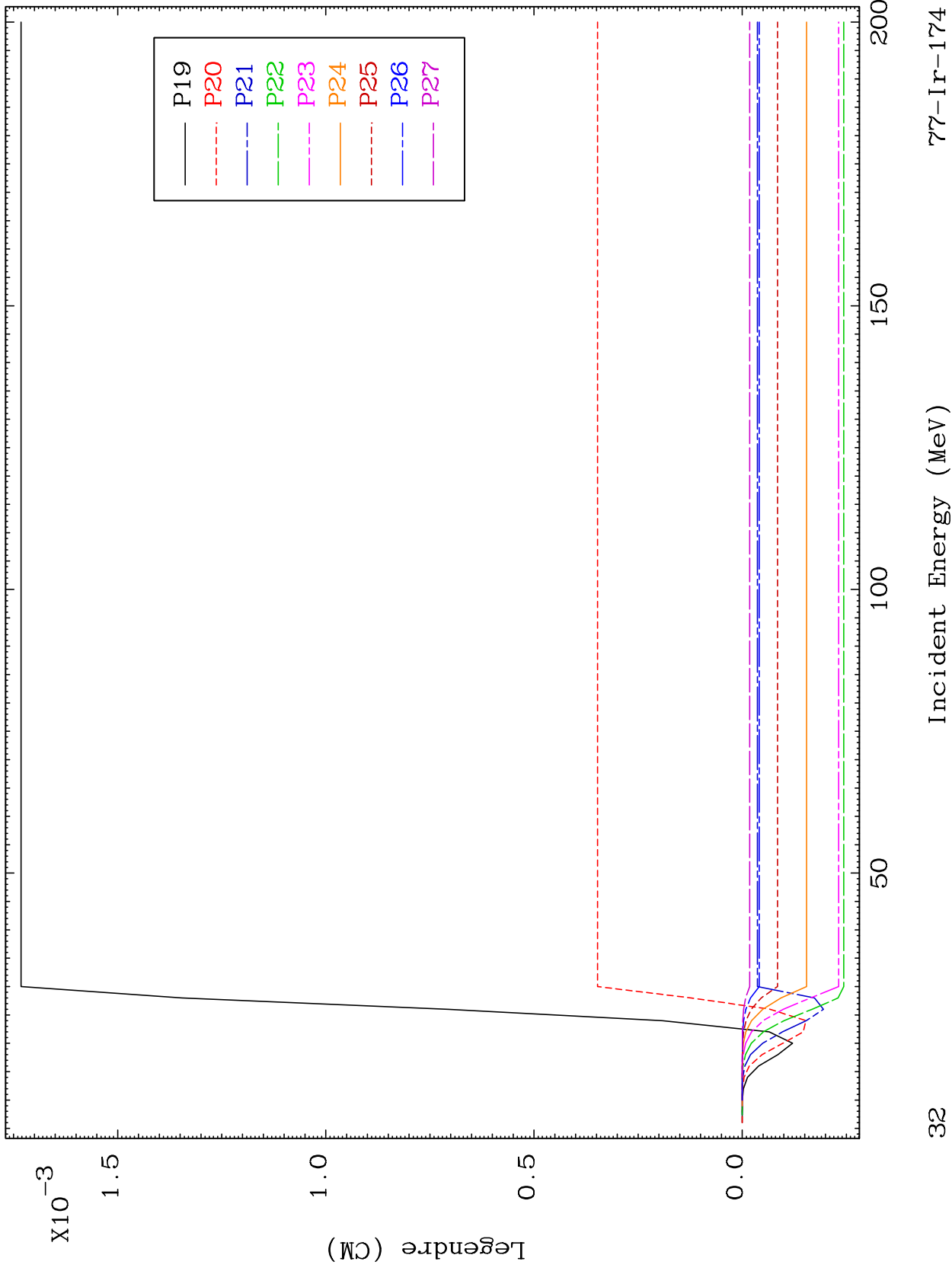
77-Ir-174



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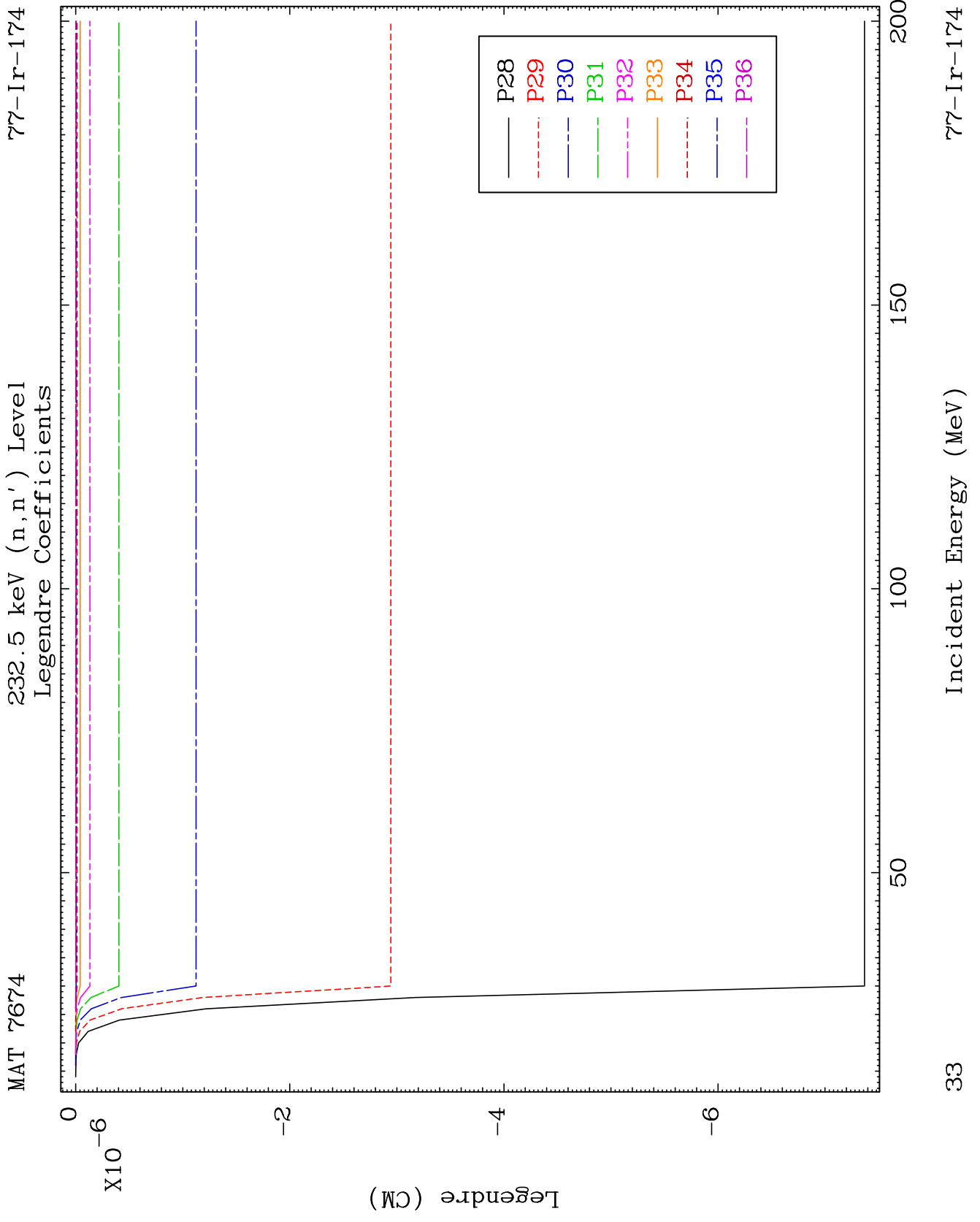
232.5 keV (n,n') Level
Legendre Coefficients

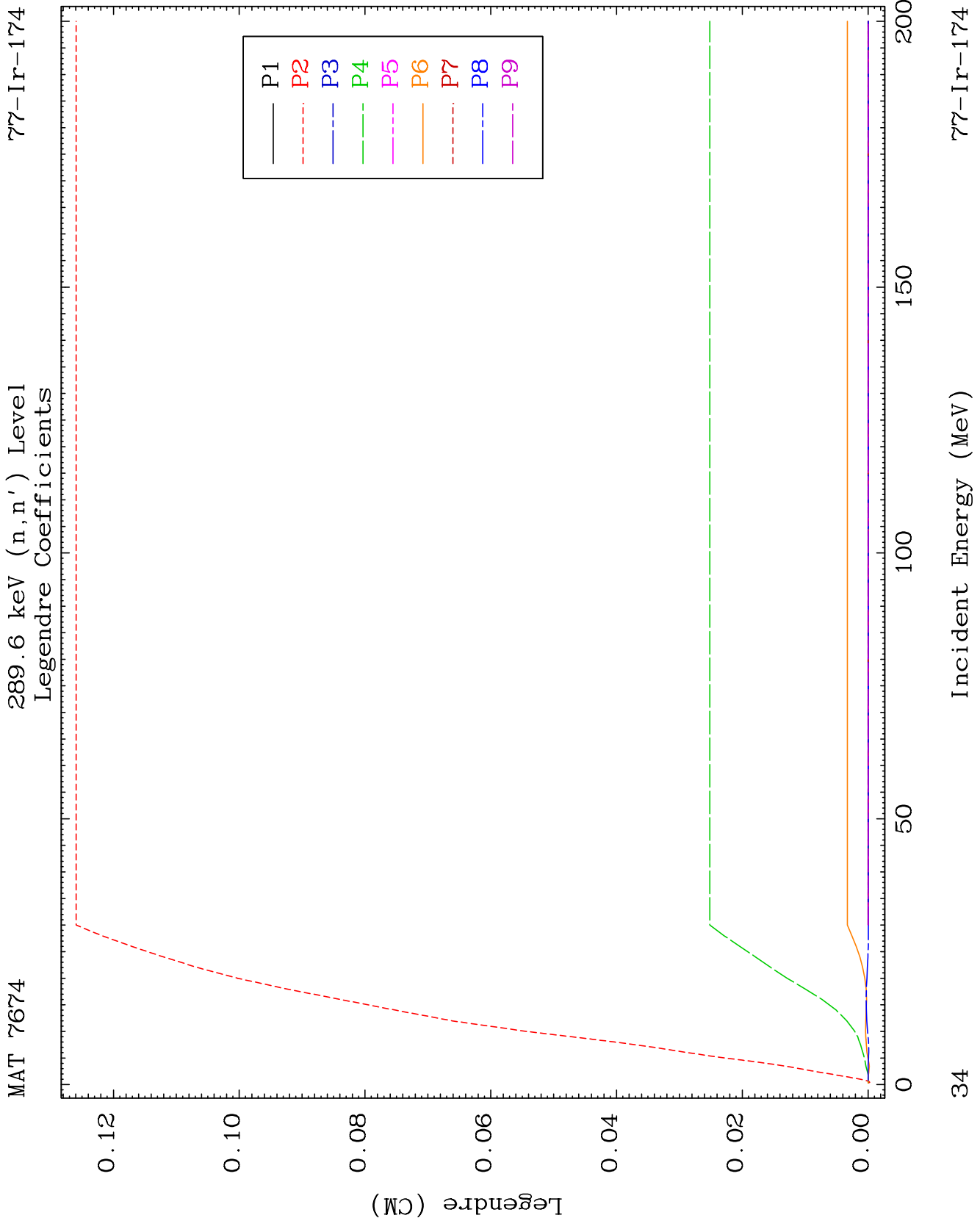
77-Ir-174



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77-Ir-174

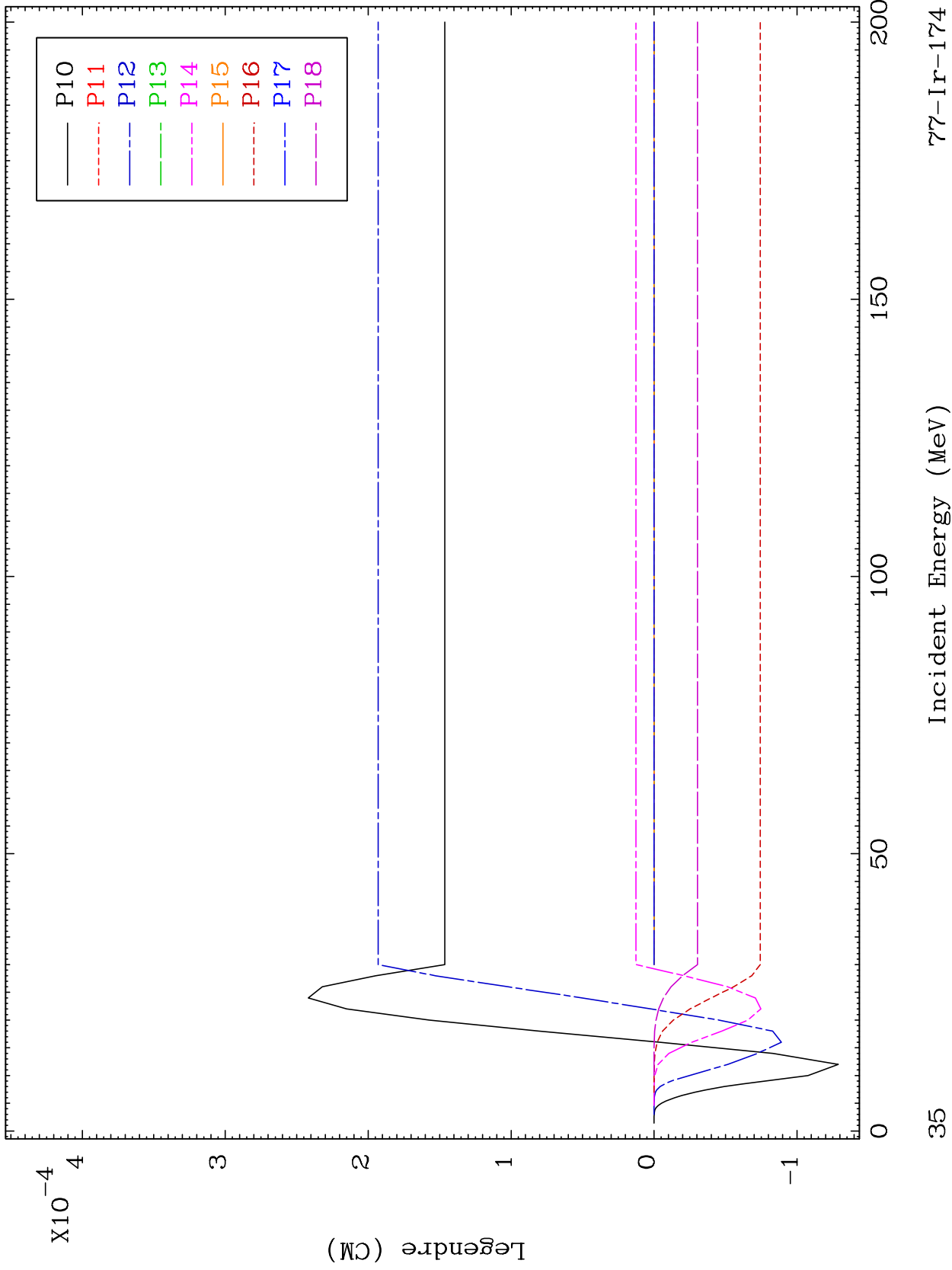




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289.6 keV (n,n') Level
Legendre Coefficients

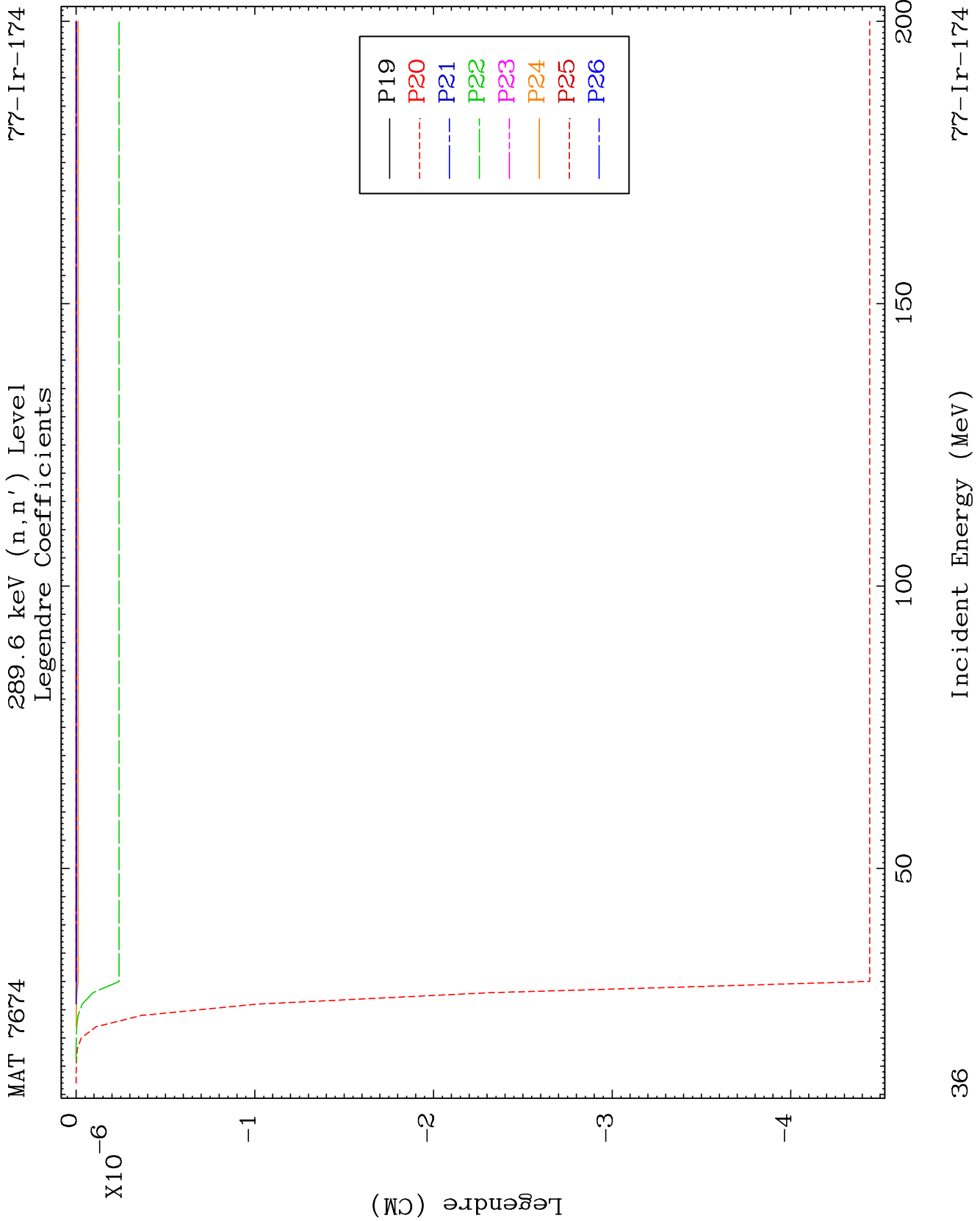
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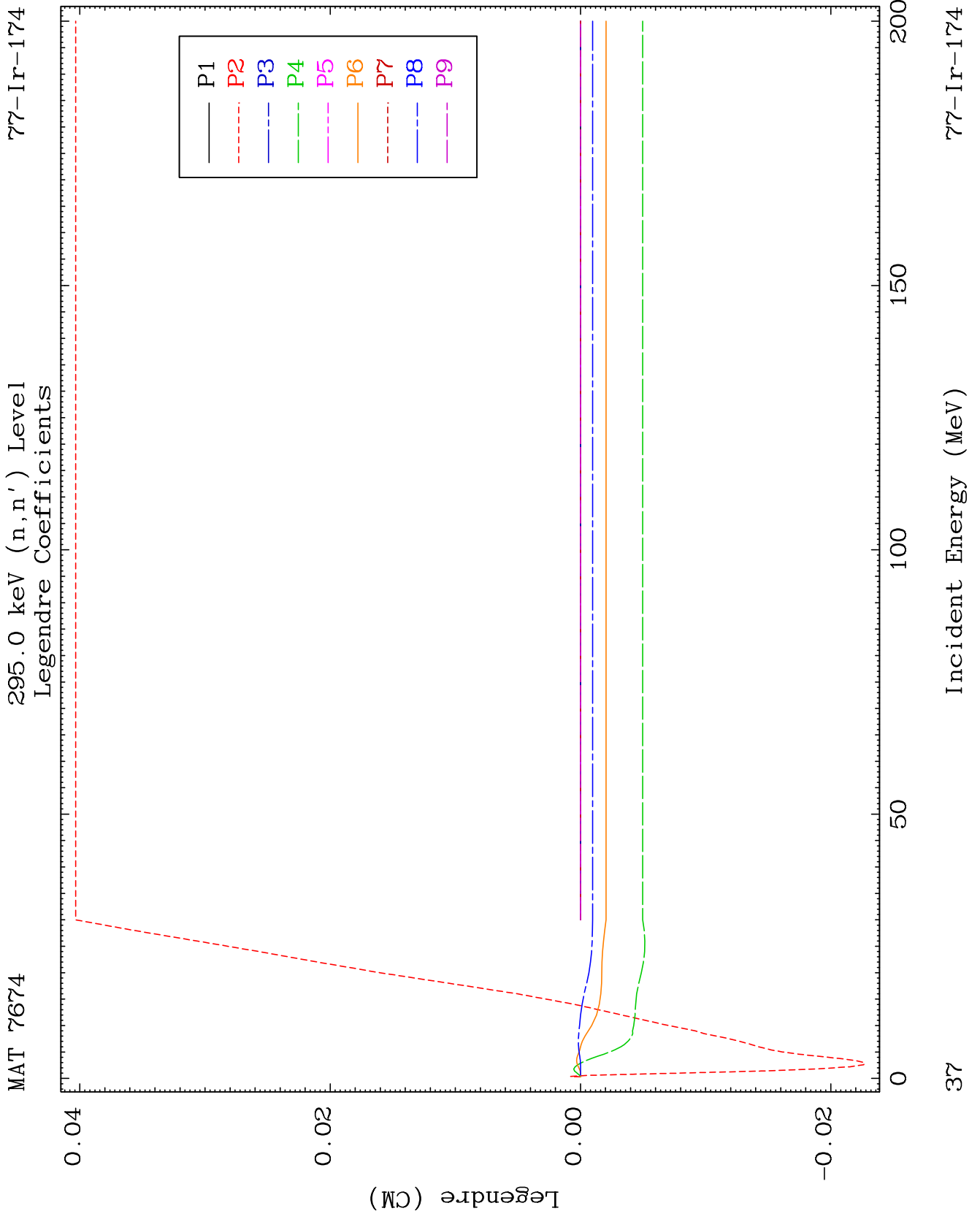


77-Ir-174

Incident Energy (MeV)

35

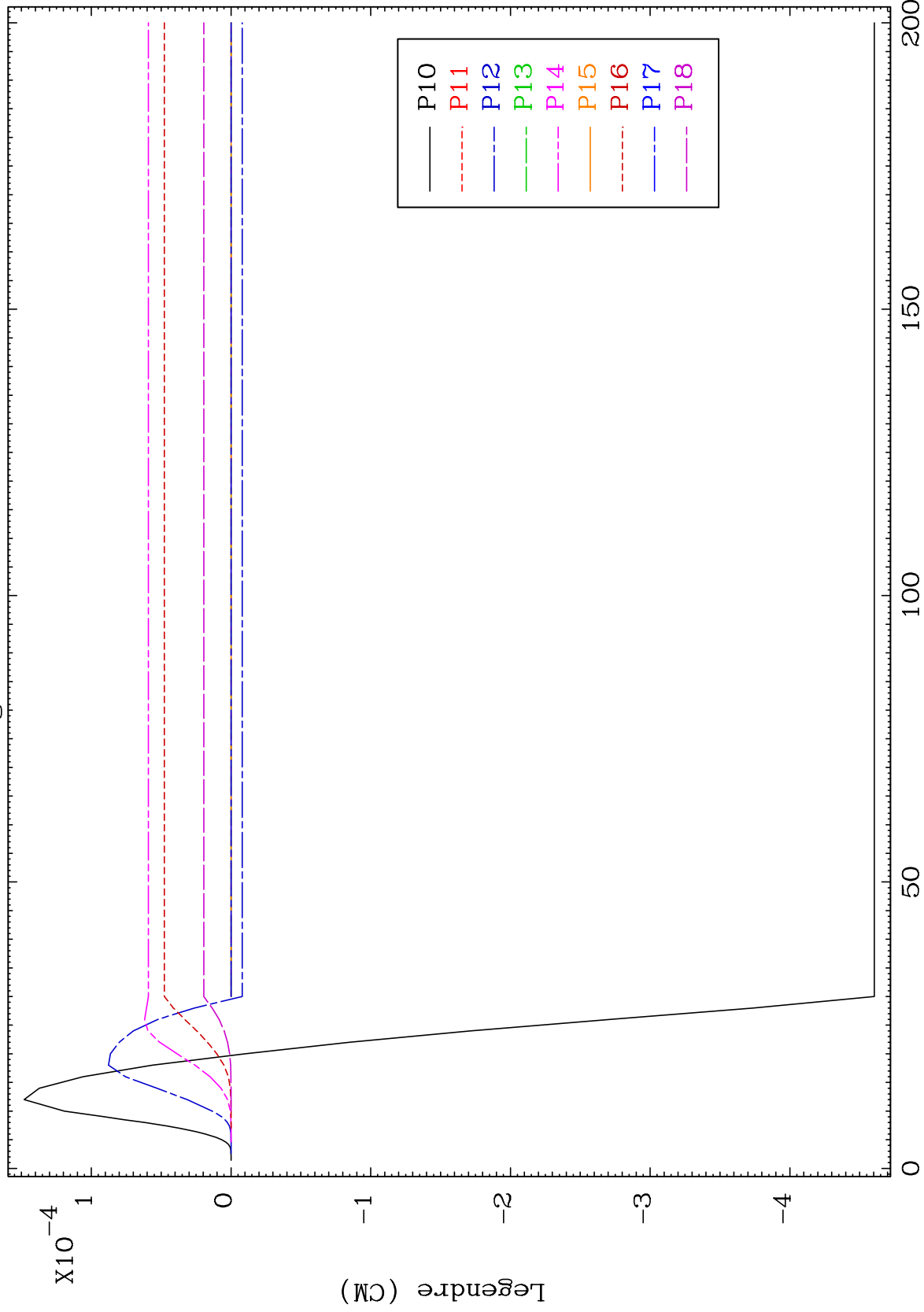




MAT 7674

295.0 keV (n,n') Level
Legendre Coefficients

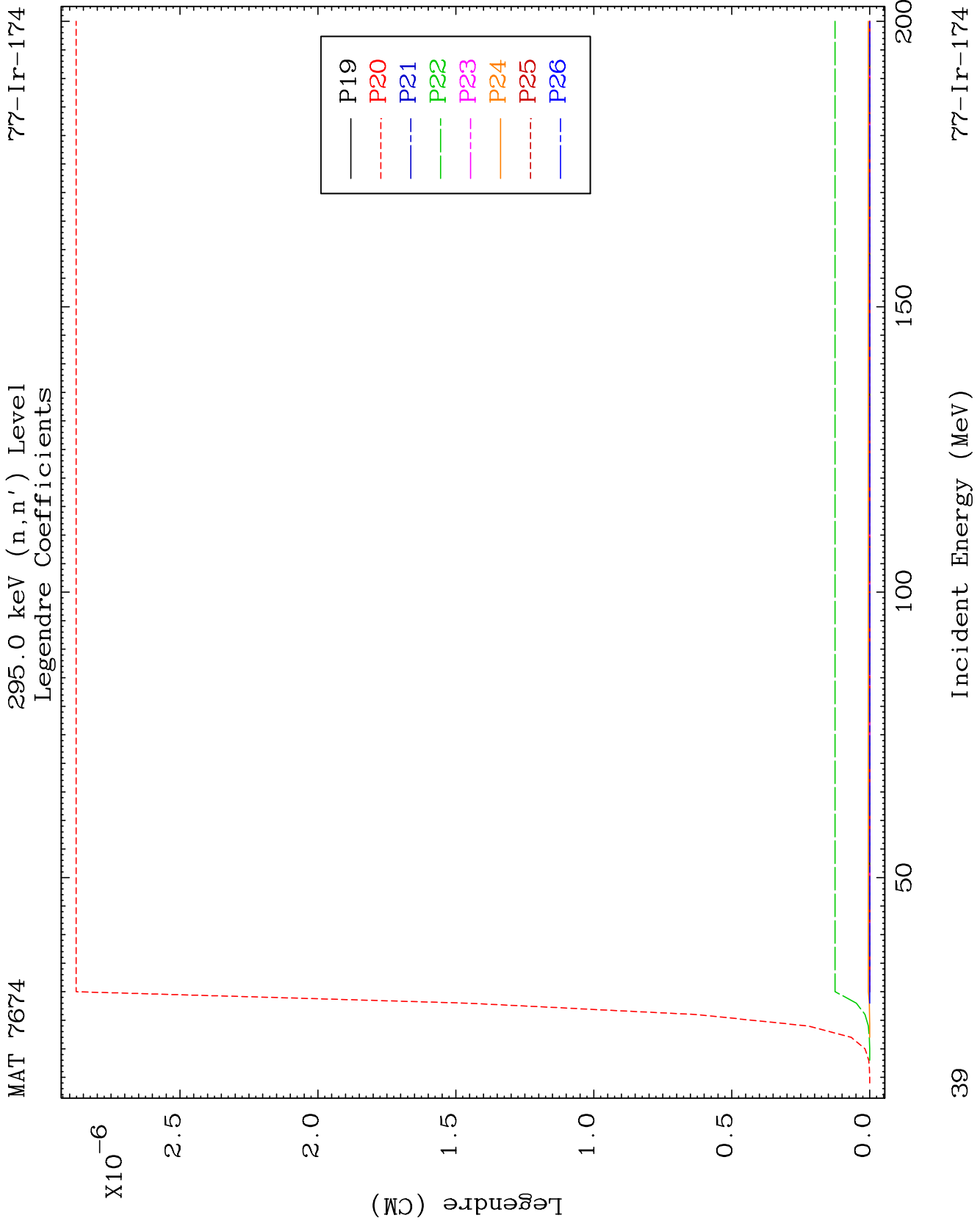
77-Ir-174

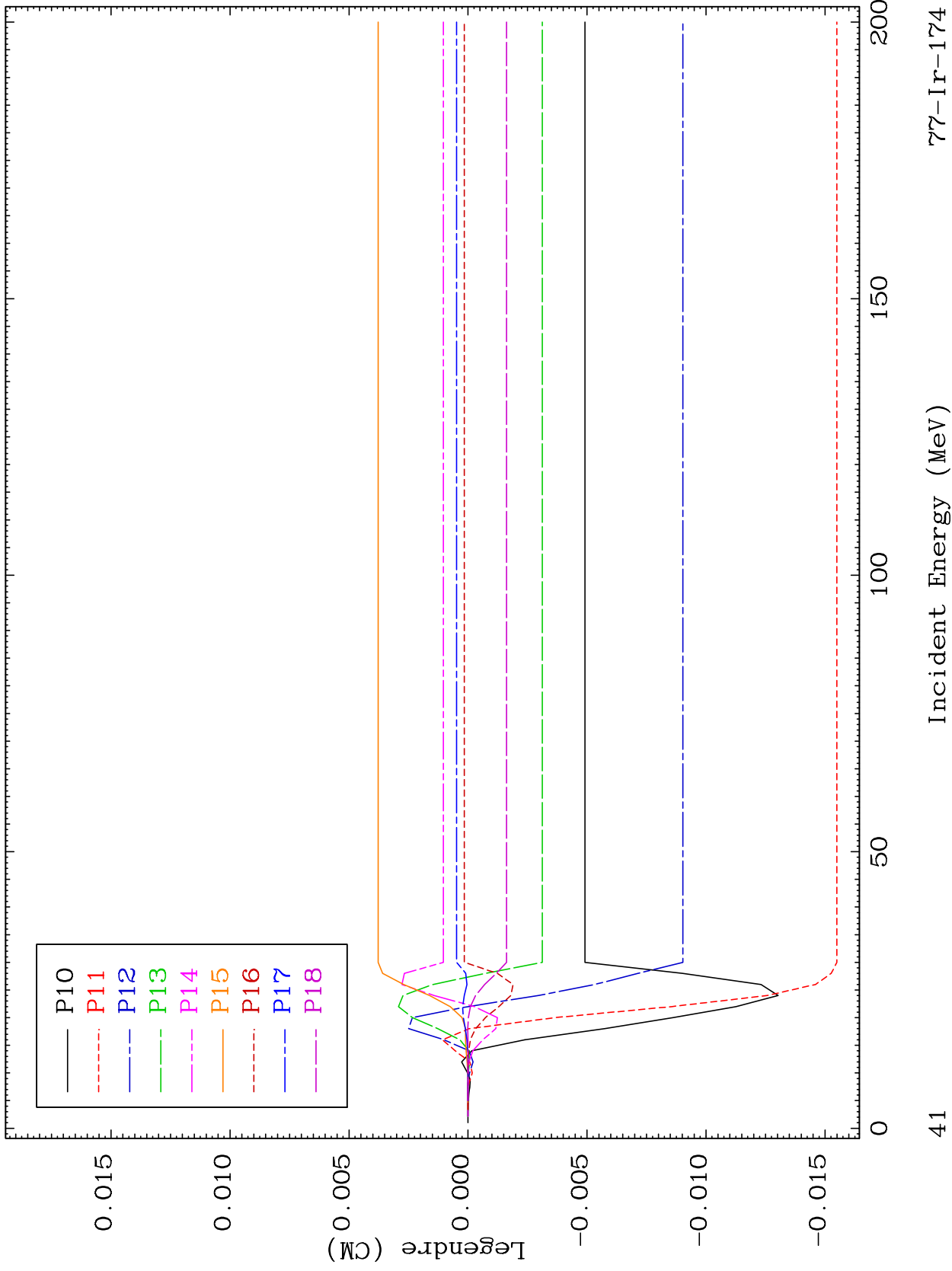


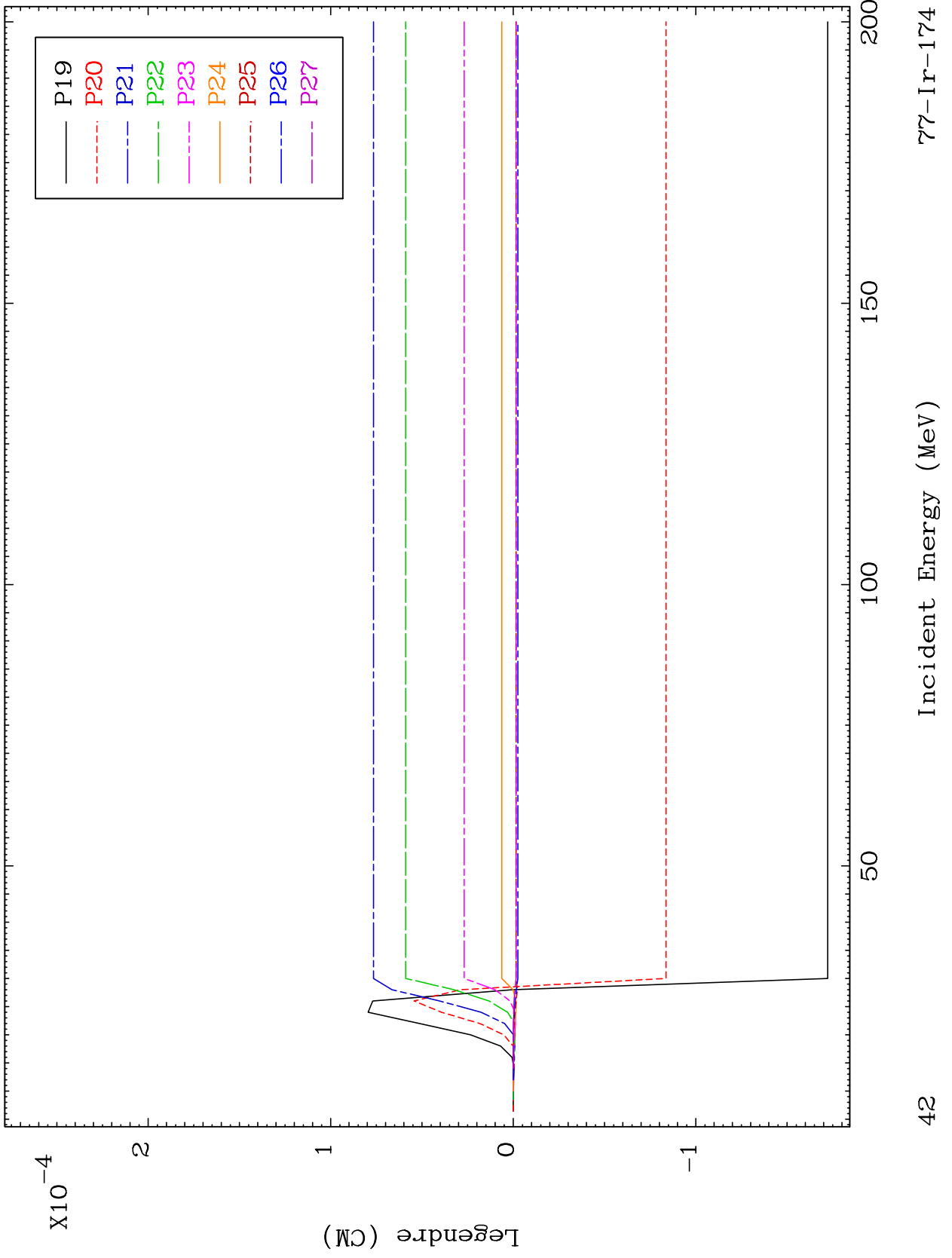
38

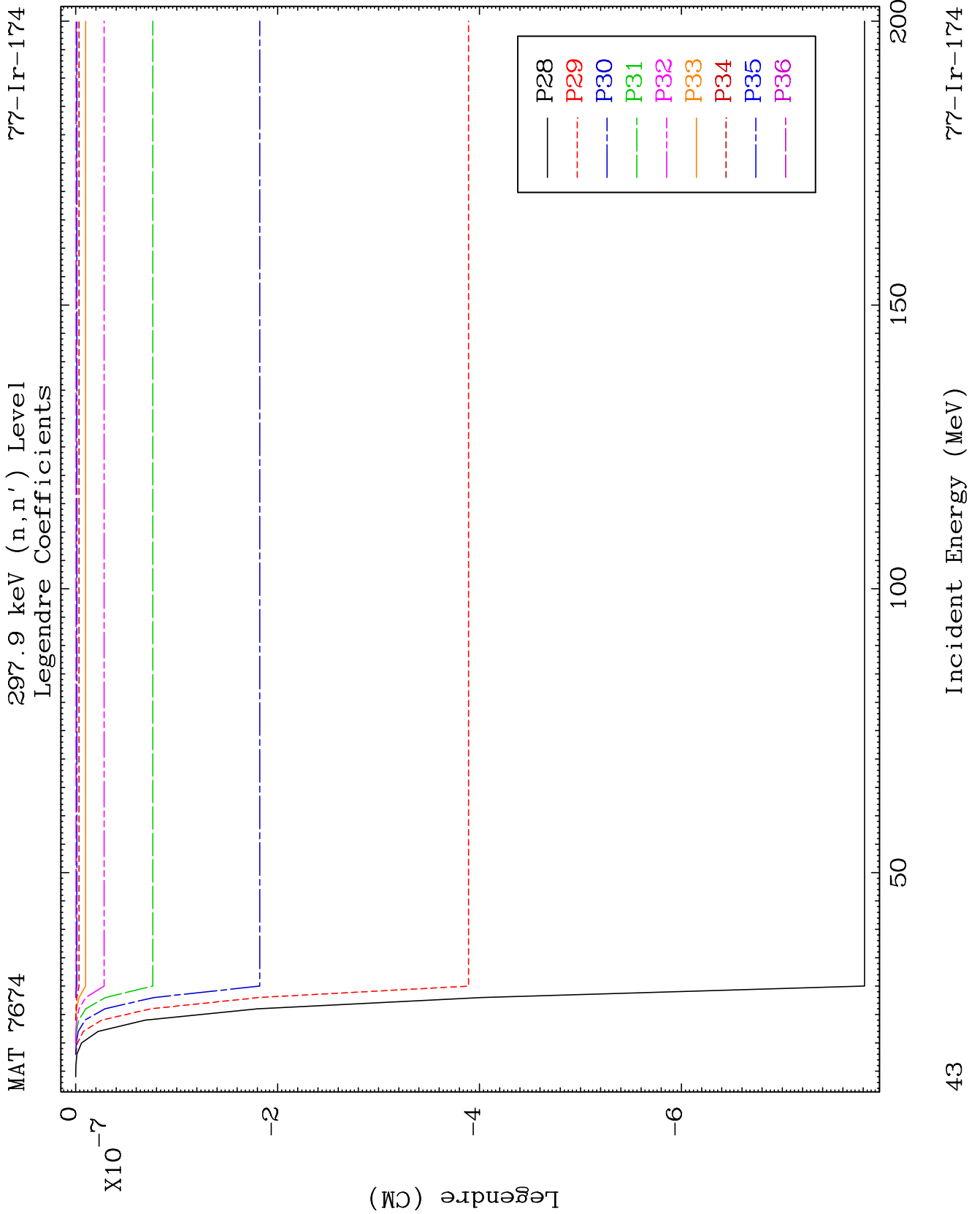
Incident Energy (MeV)

77-Ir-174





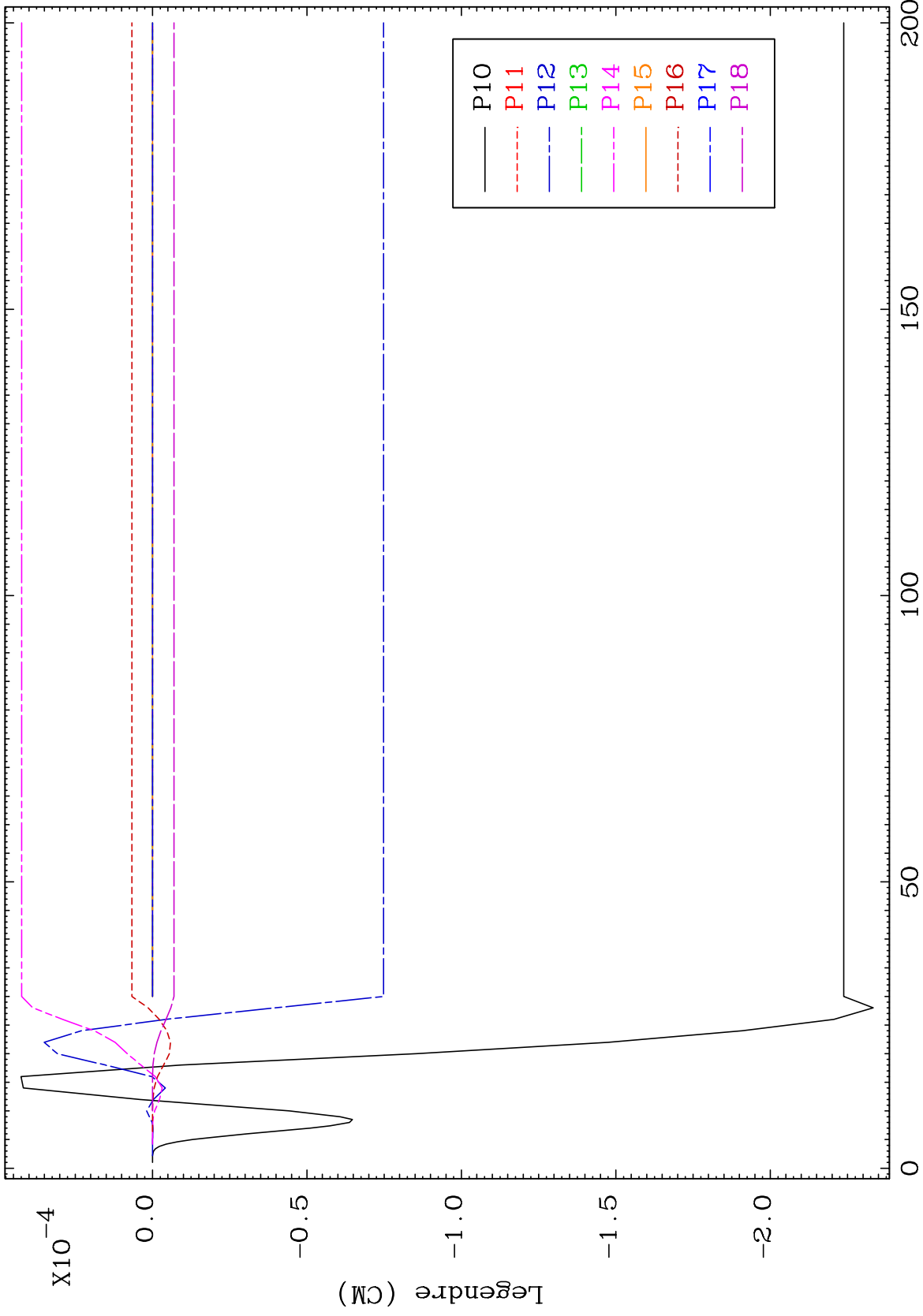




MAT 7674

318.0 keV (n,n') Level
Legendre Coefficients

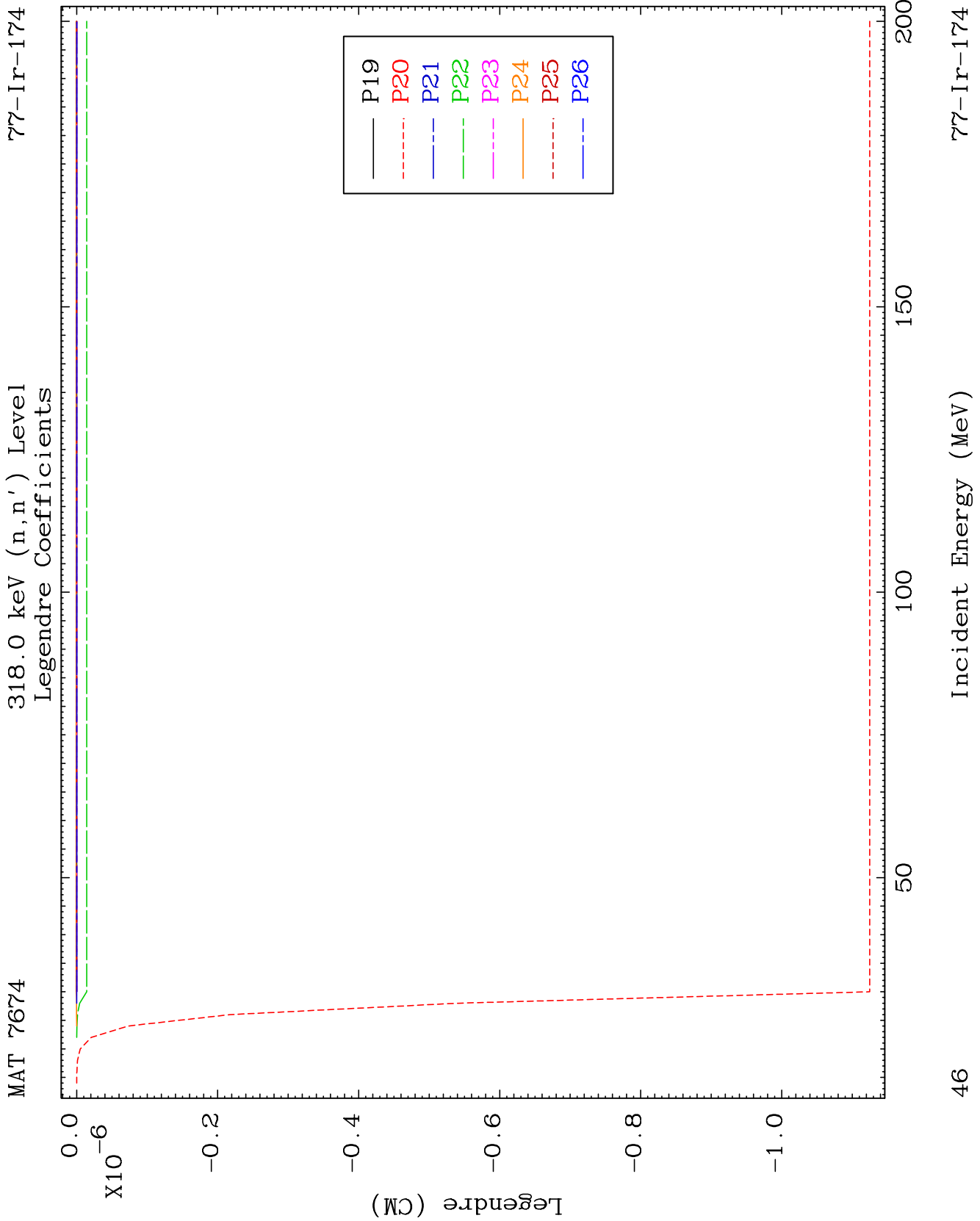
77-Ir-174



45

Incident Energy (MeV)

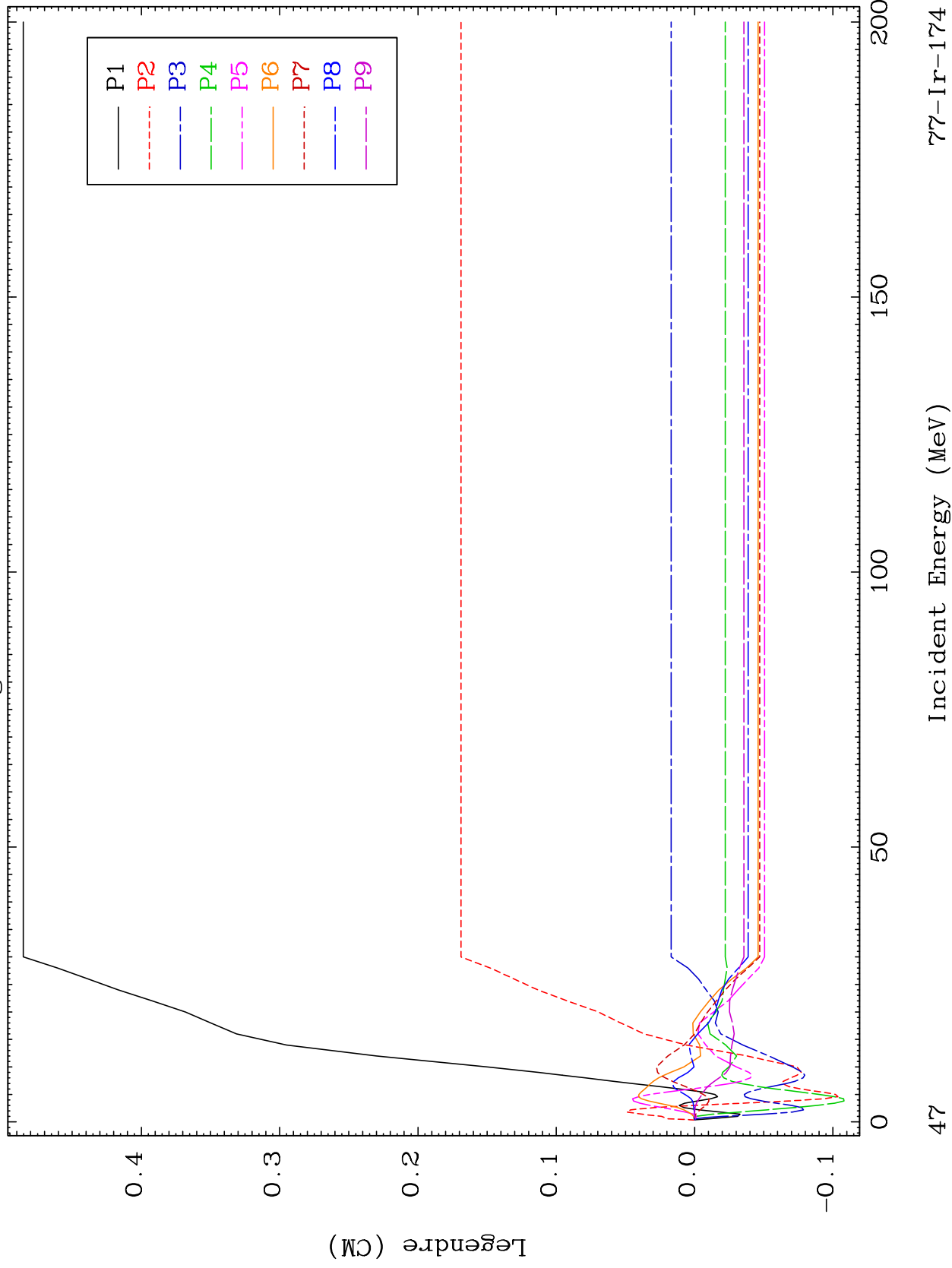
77-Ir-174



MAT 7674

335.1 keV (n,n') Level
Legendre Coefficients

77-Ir-174



47

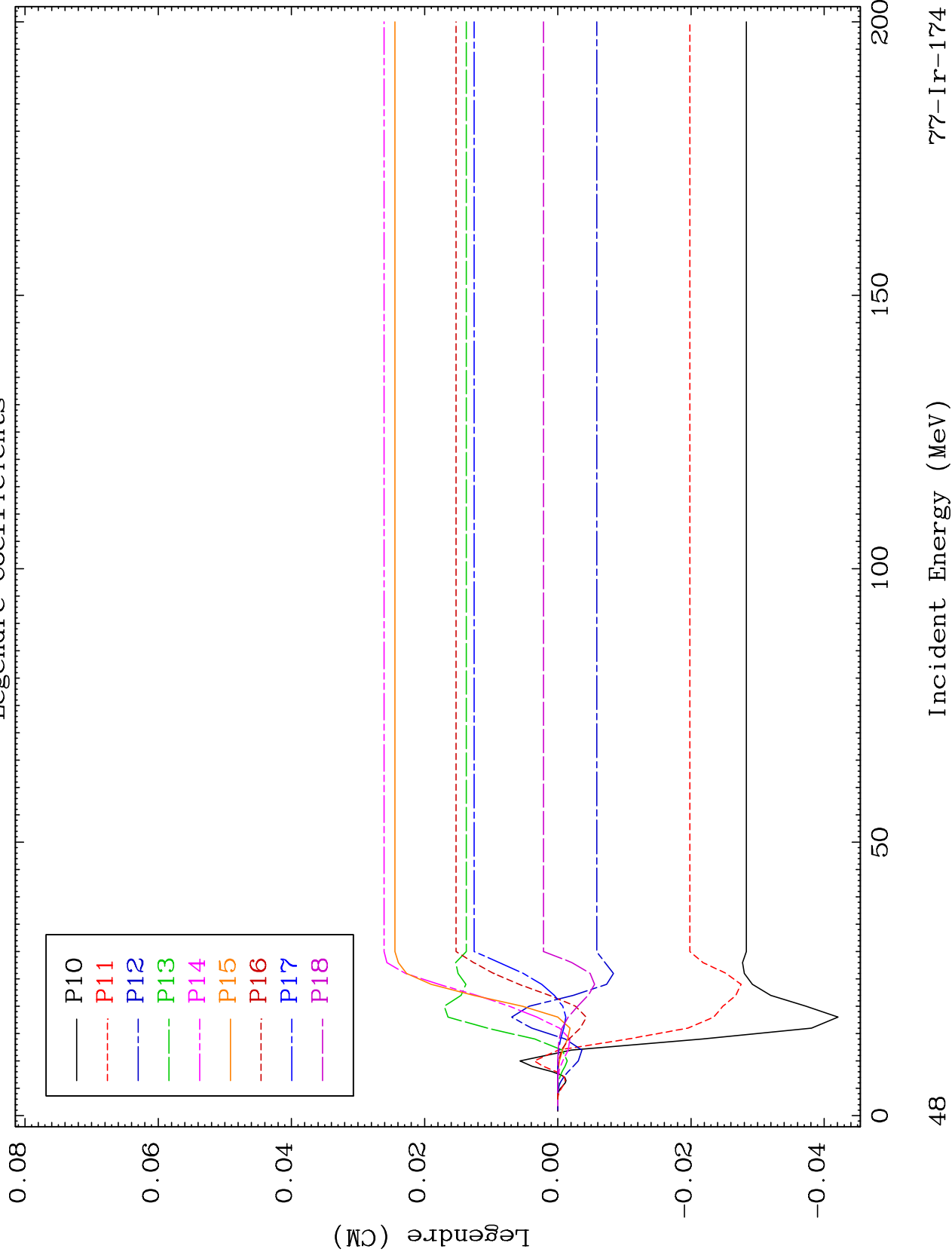
Incident Energy (MeV)

77-Ir-174

MAT 7674

335.1 keV (n,n') Level
Legendre Coefficients

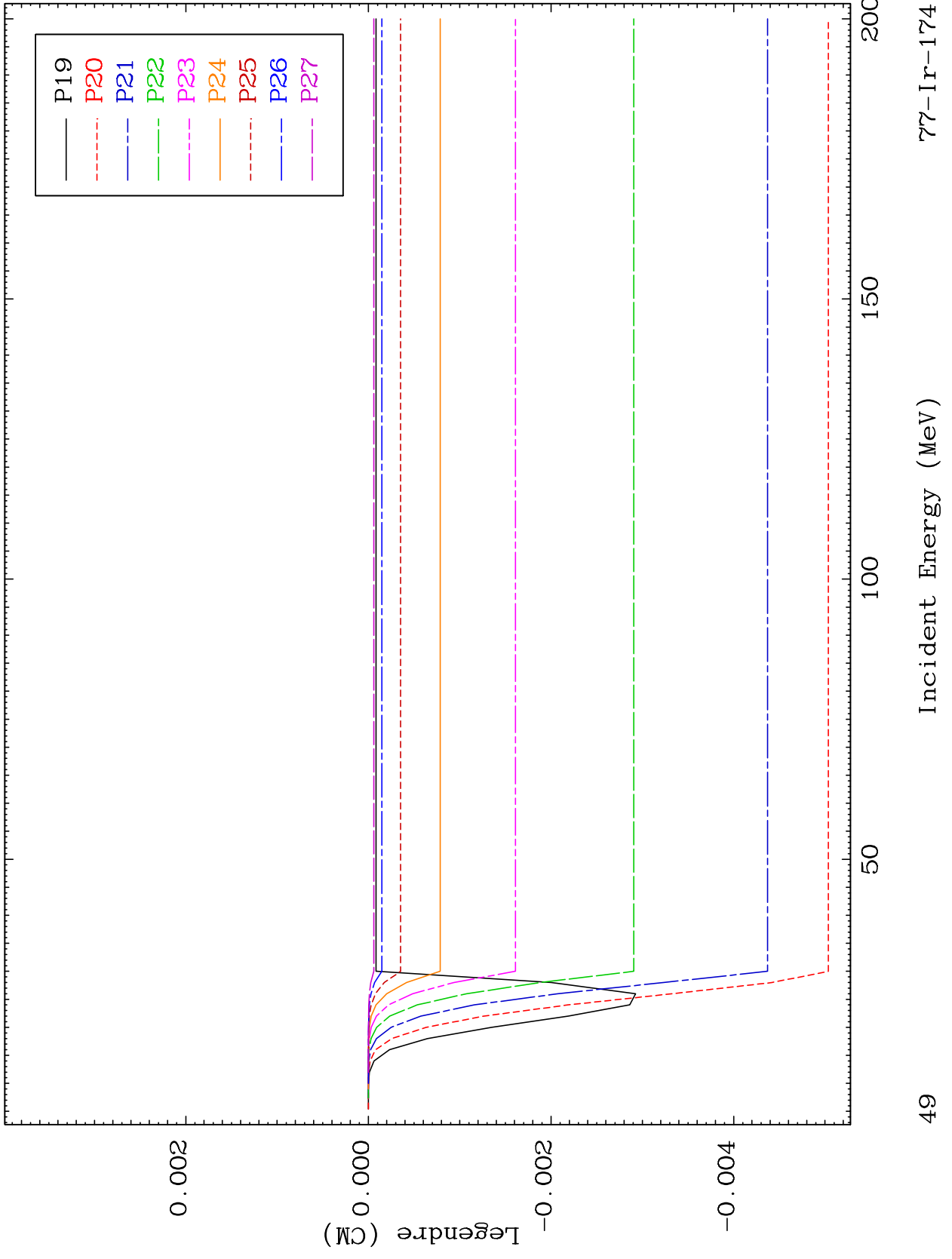
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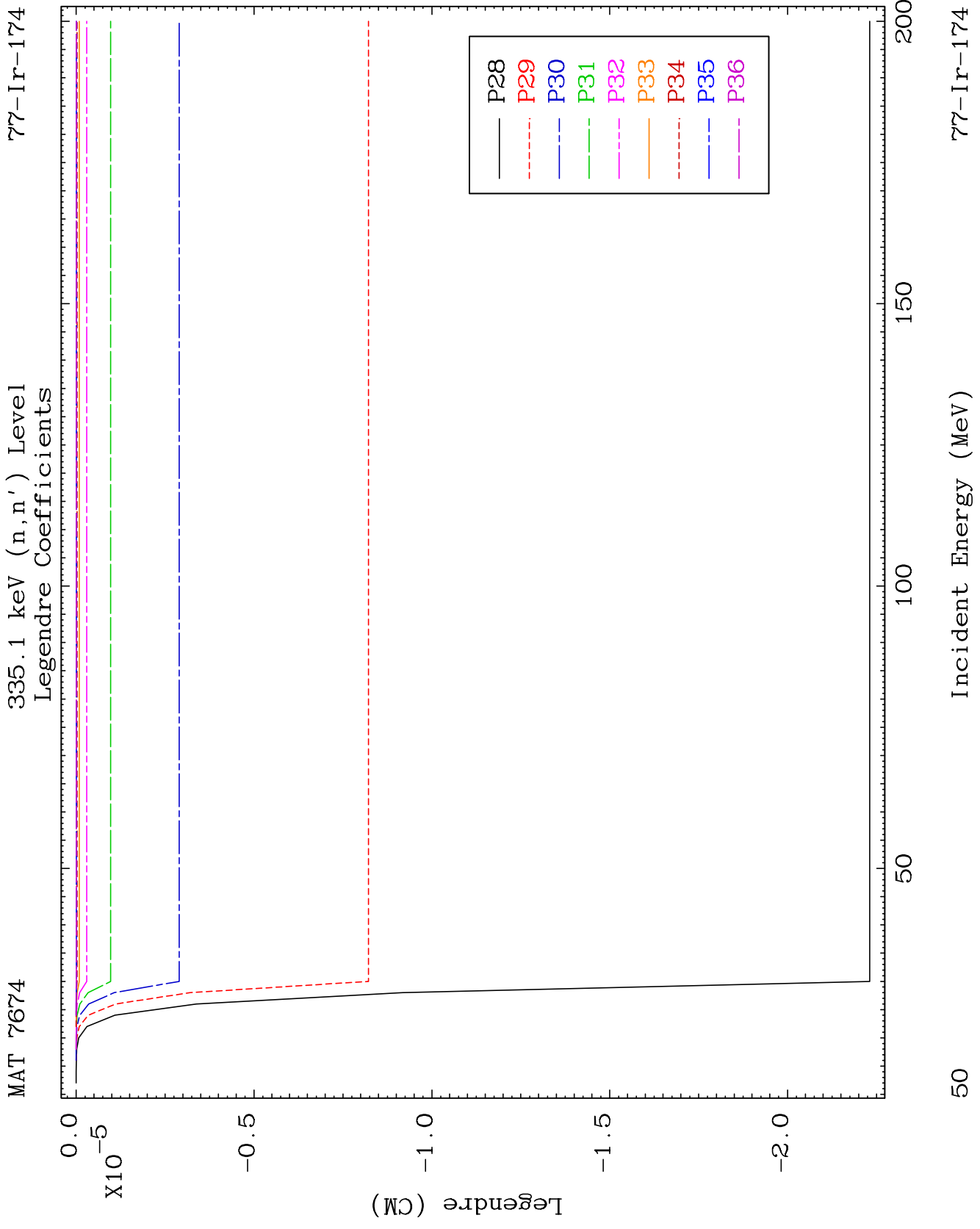


77-Ir-174

Incident Energy (MeV)

48

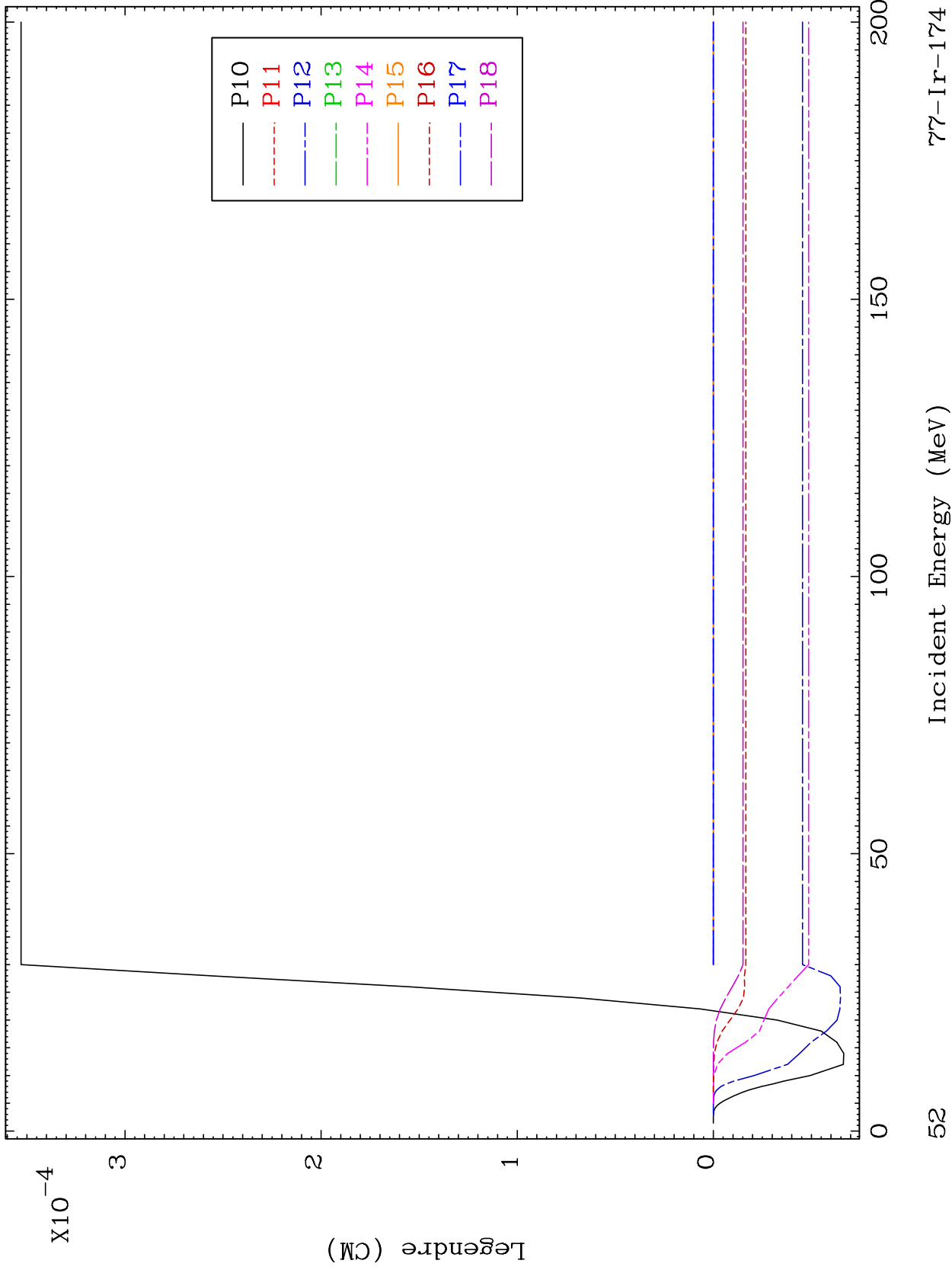




MAT 7674

343.3 keV (n,n') Level
Legendre Coefficients

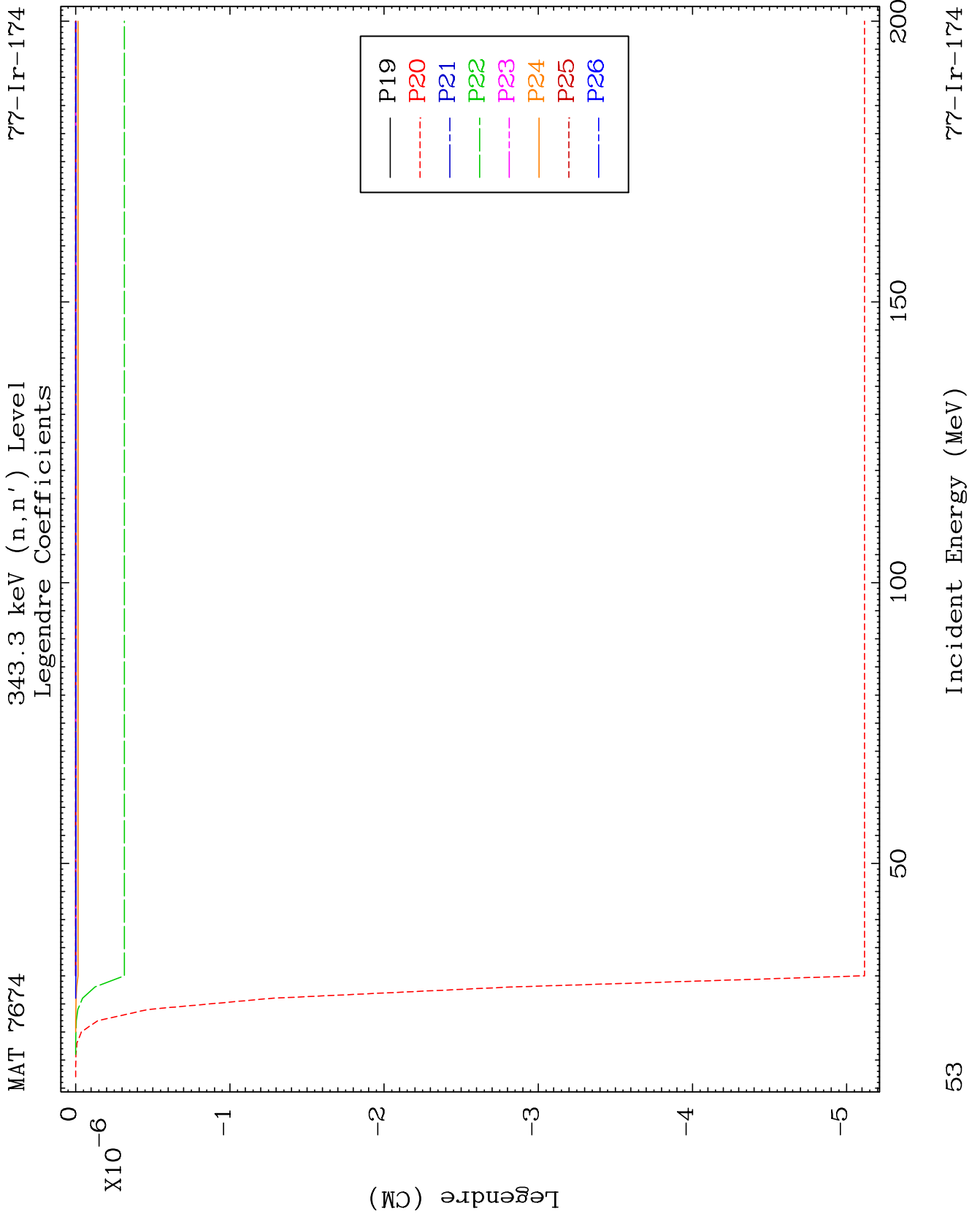
77-Ir-174



77-Ir-174

Incident Energy (MeV)

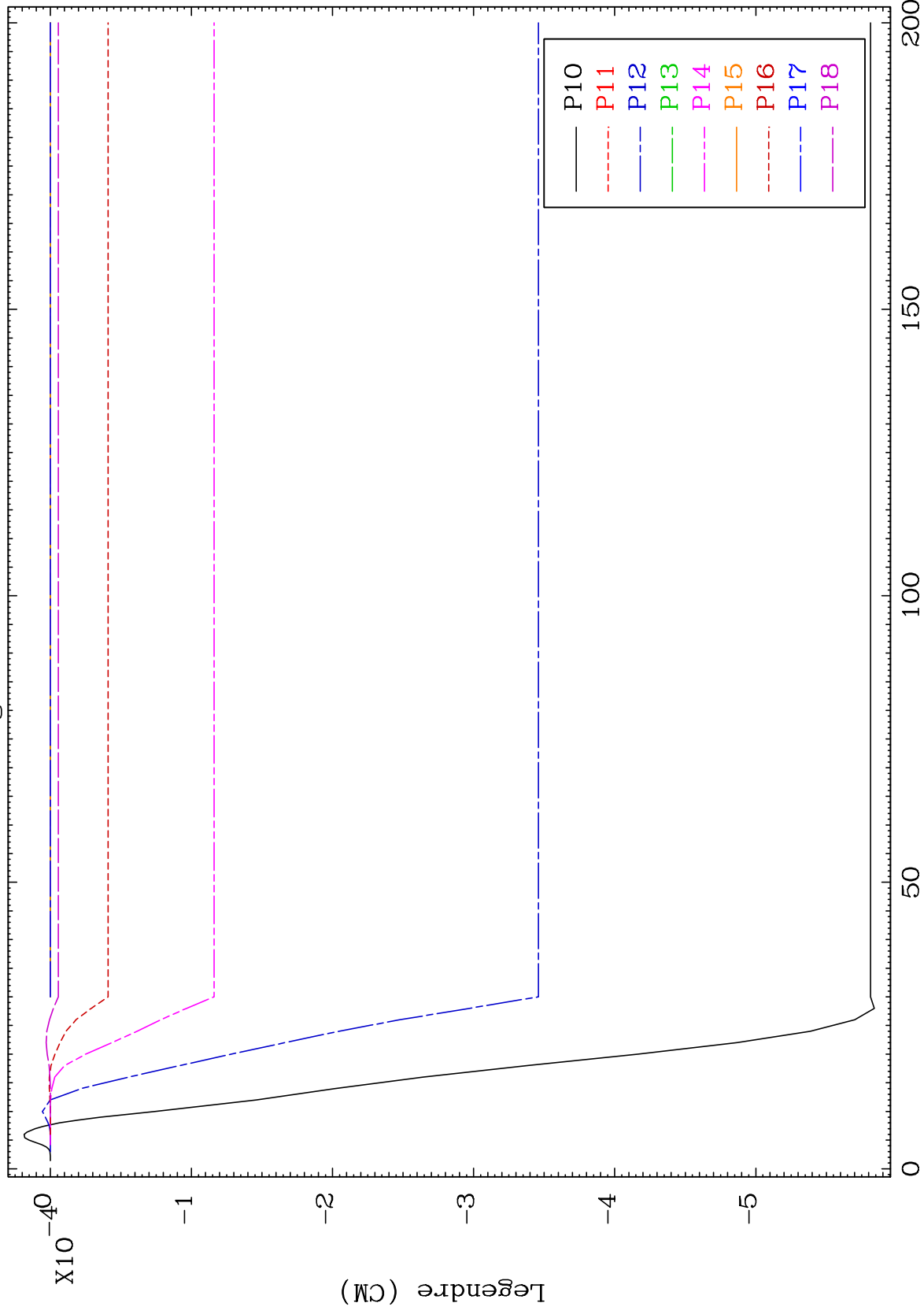
52



MAT 7674

350.6 keV (n,n') Level
Legendre Coefficients

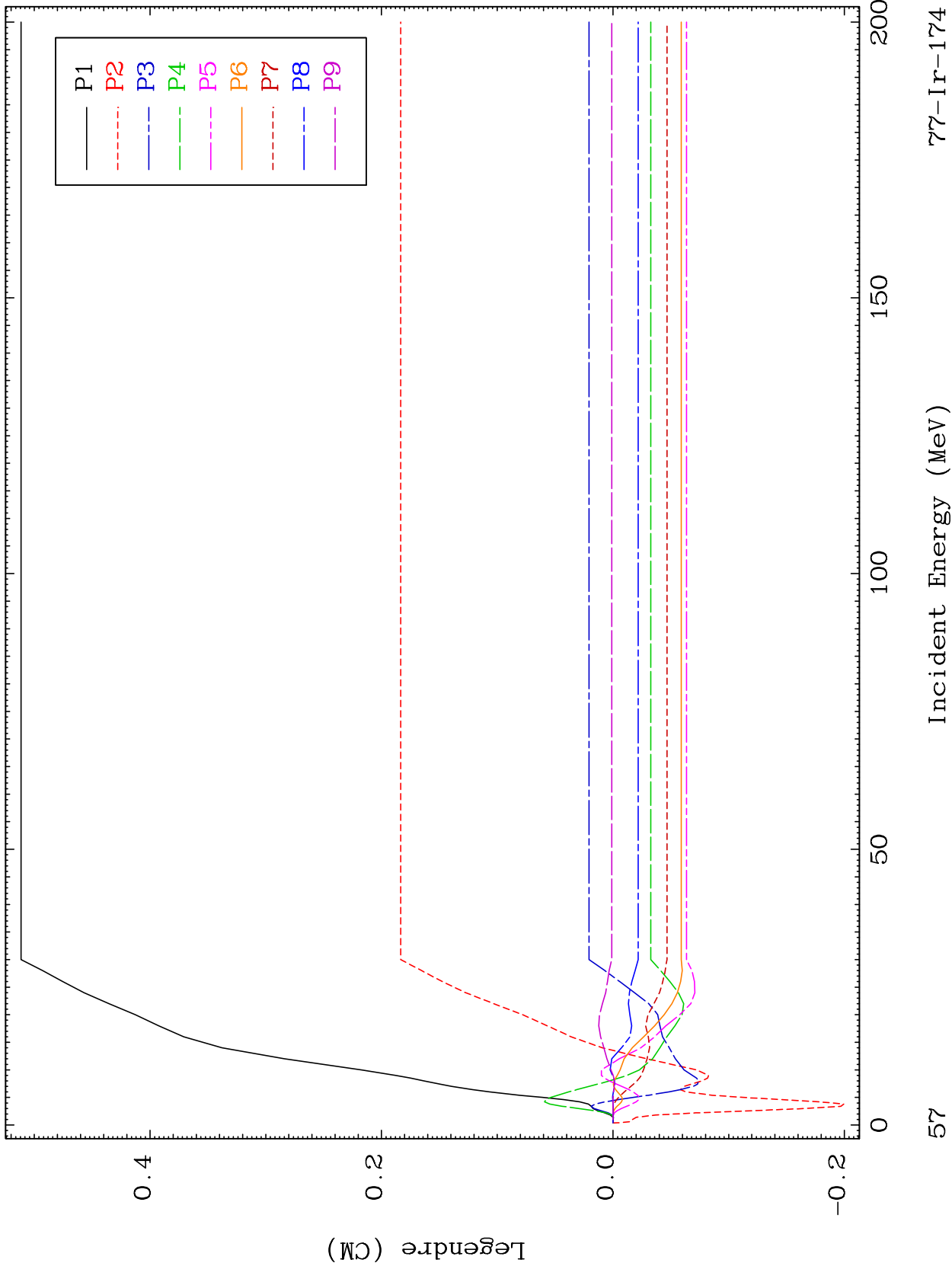
77-Ir-174



55

Incident Energy (MeV)

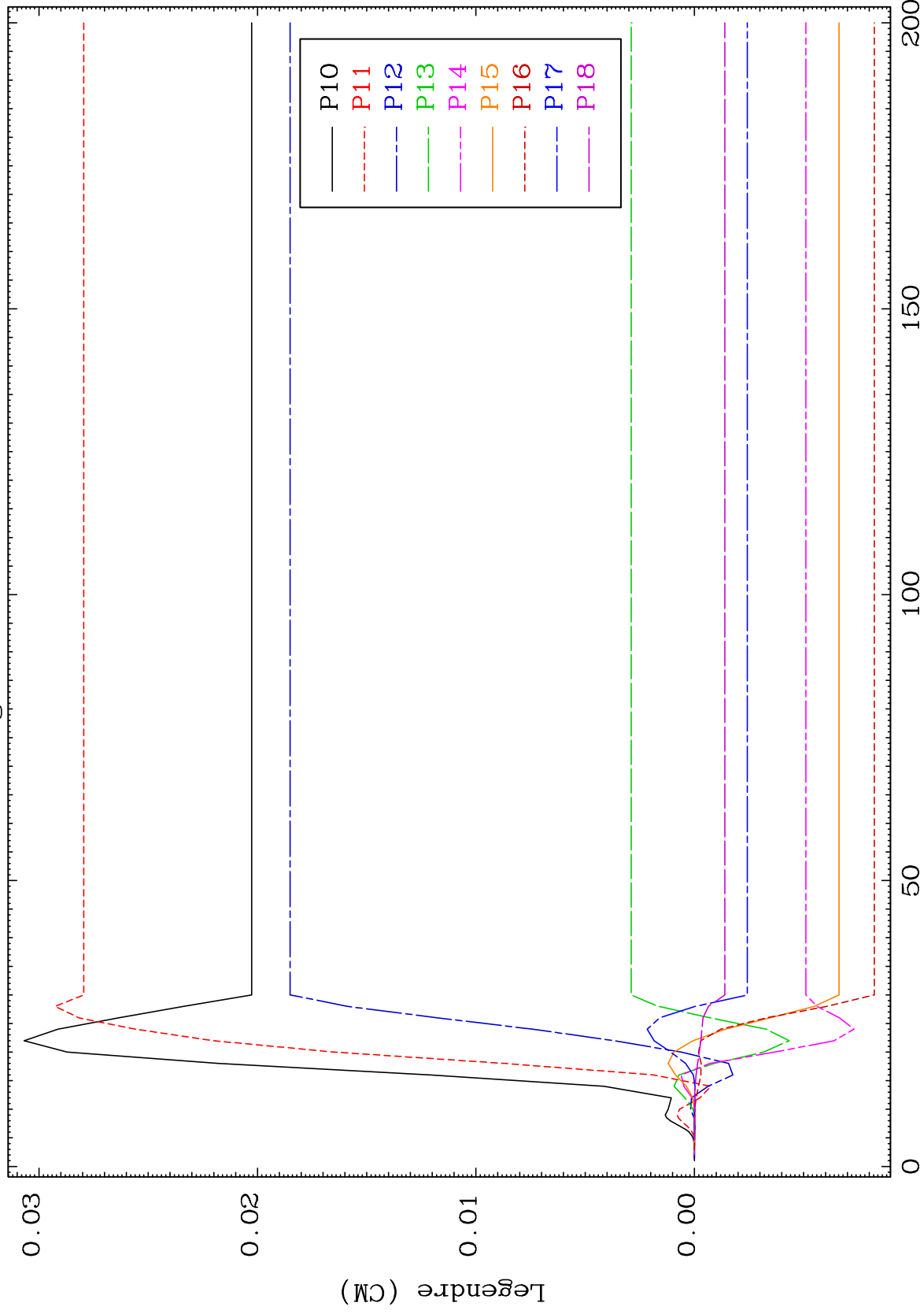
77-Ir-174



MAT 7674

358.1 keV (n,n') Level
Legendre Coefficients

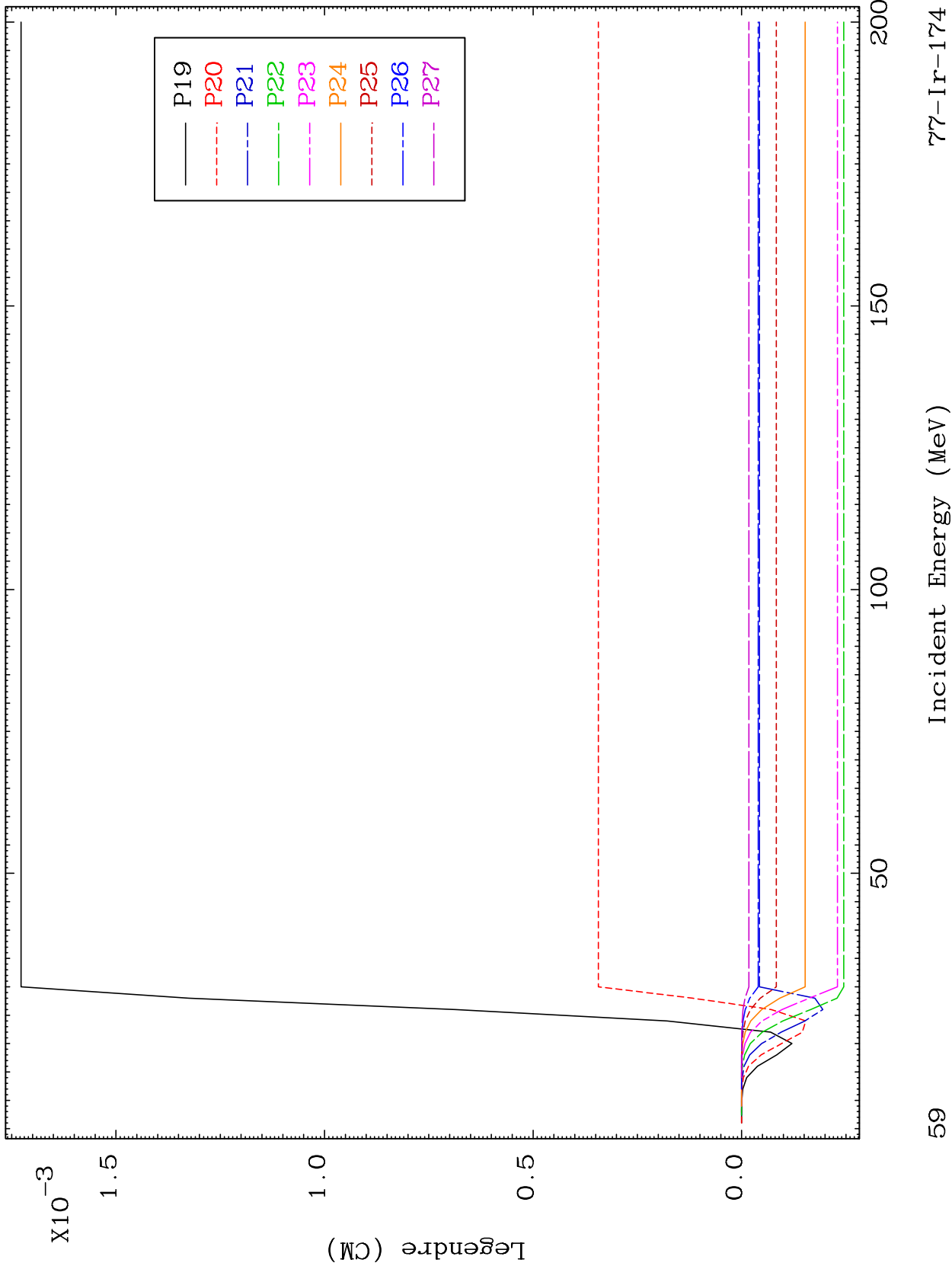
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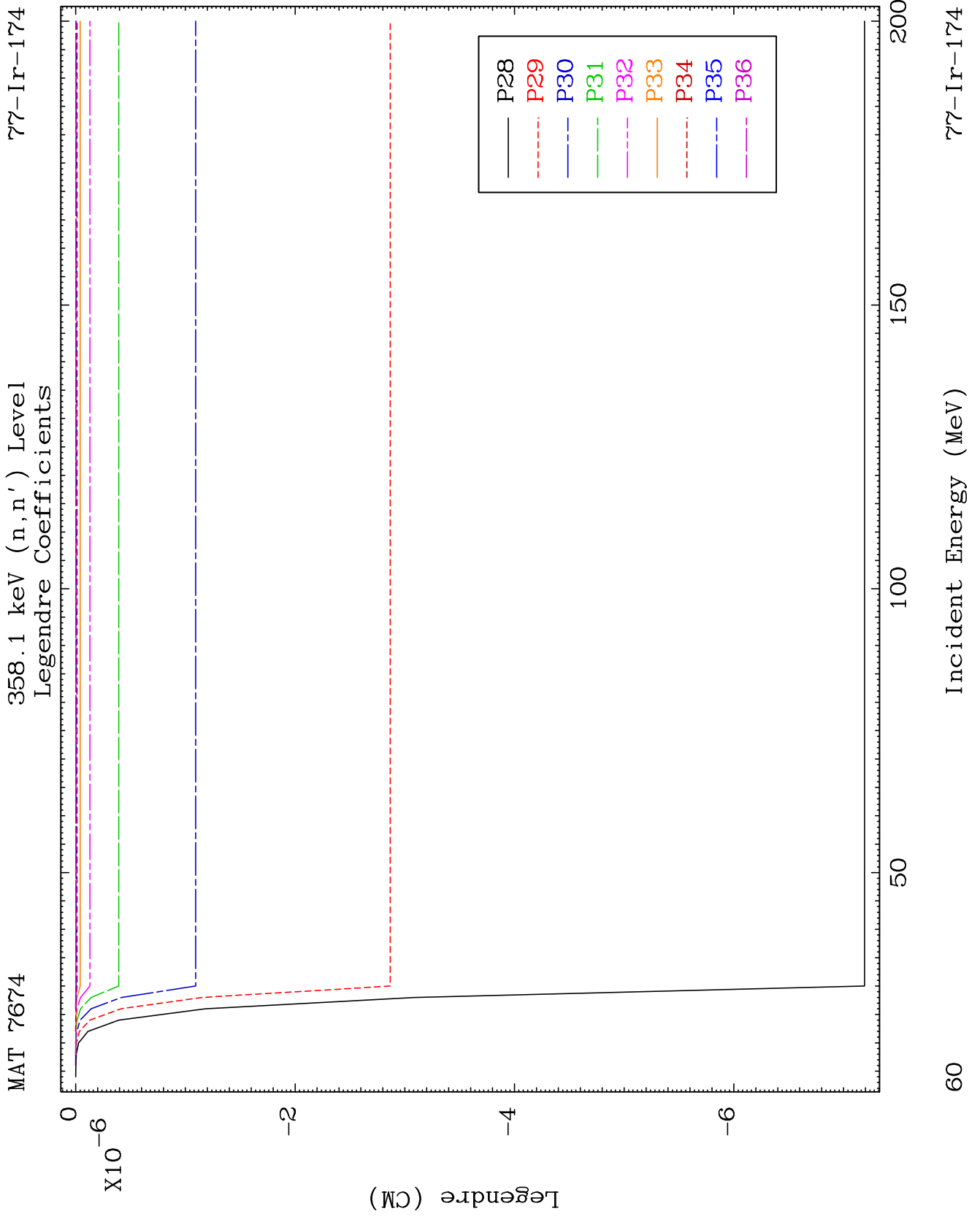


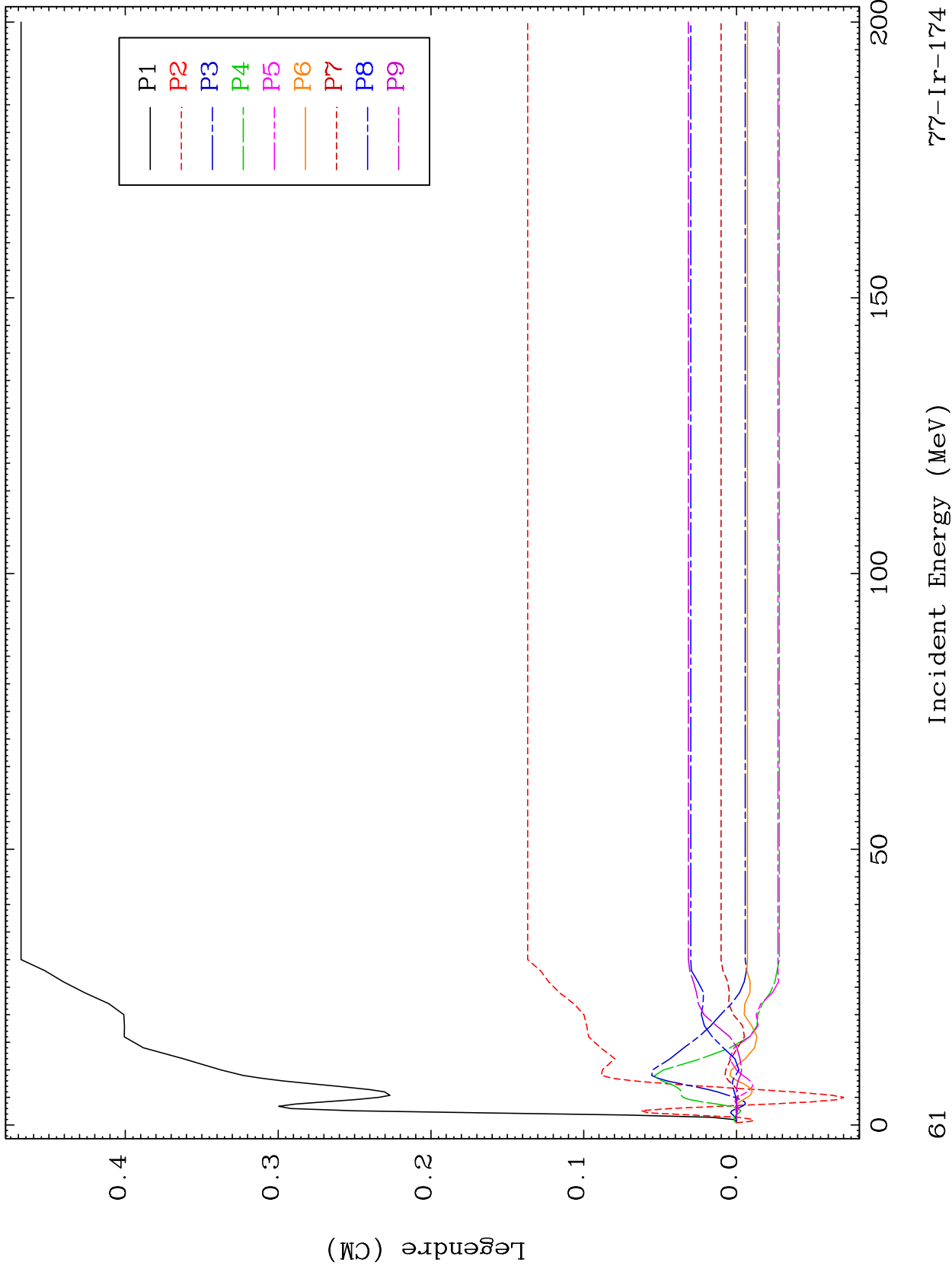
58

Incident Energy (MeV)

77-Ir-174



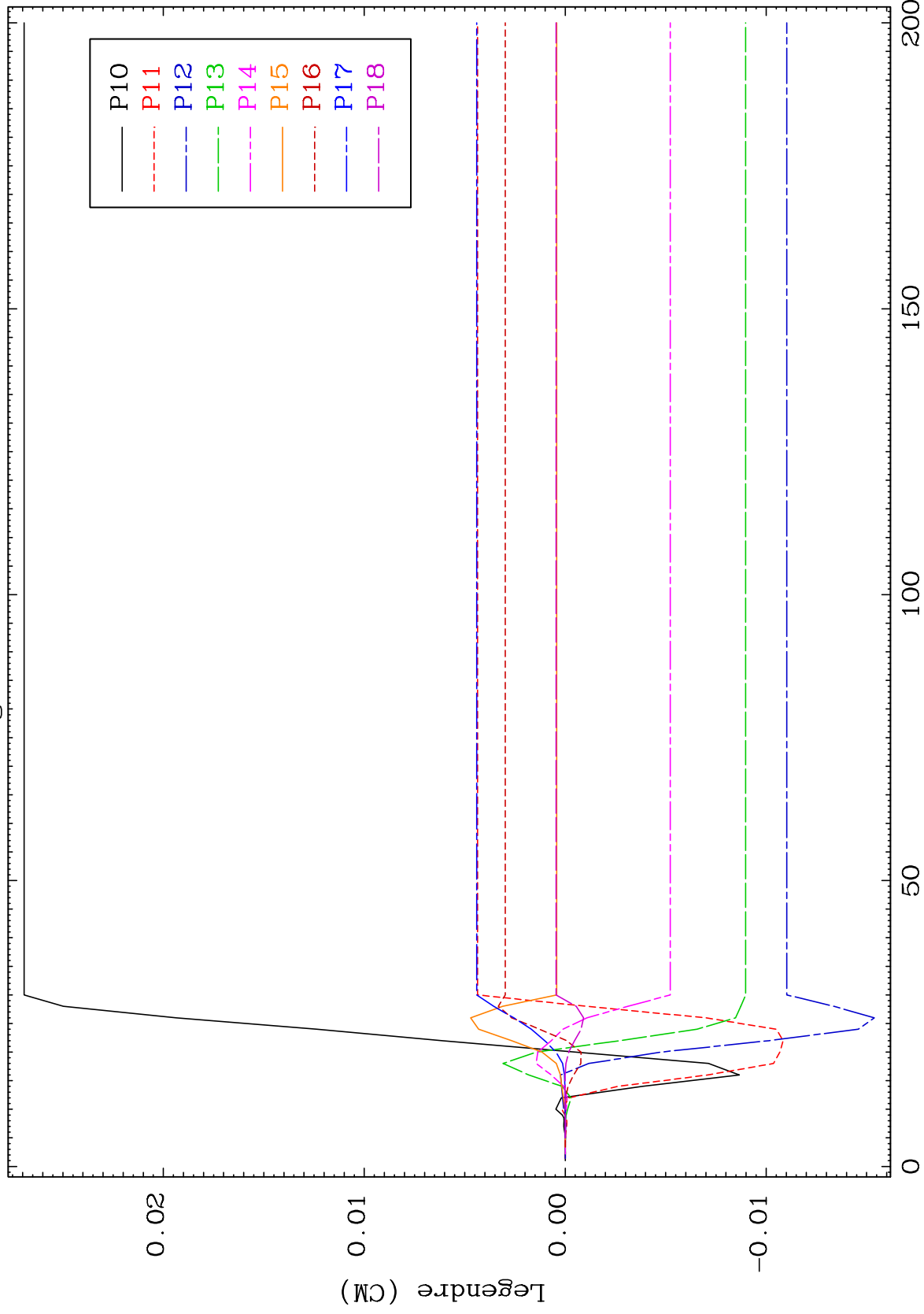




MAT 7674

359.6 keV (n,n') Level
Legendre Coefficients

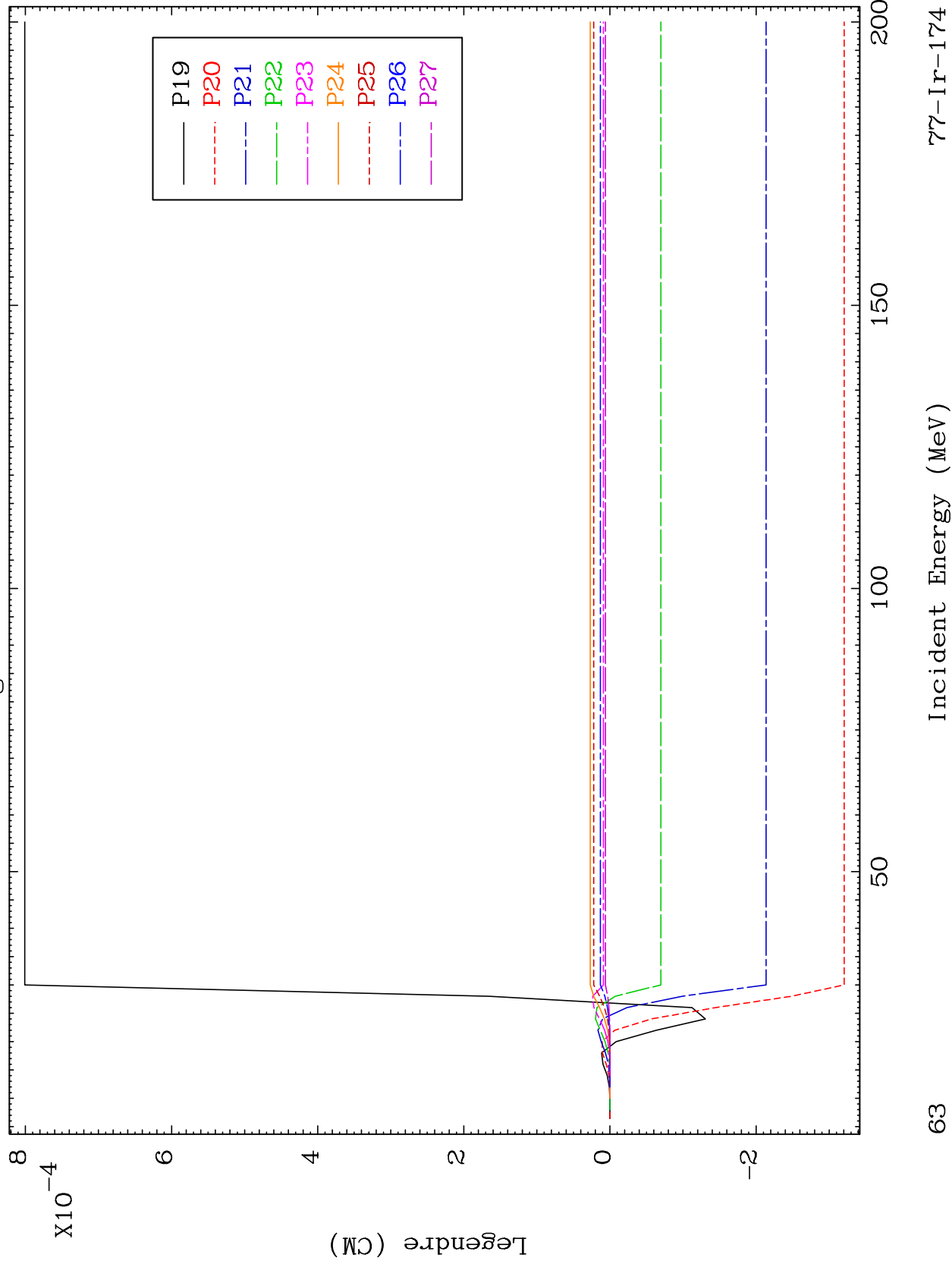
77-Ir-174



62

Incident Energy (MeV)

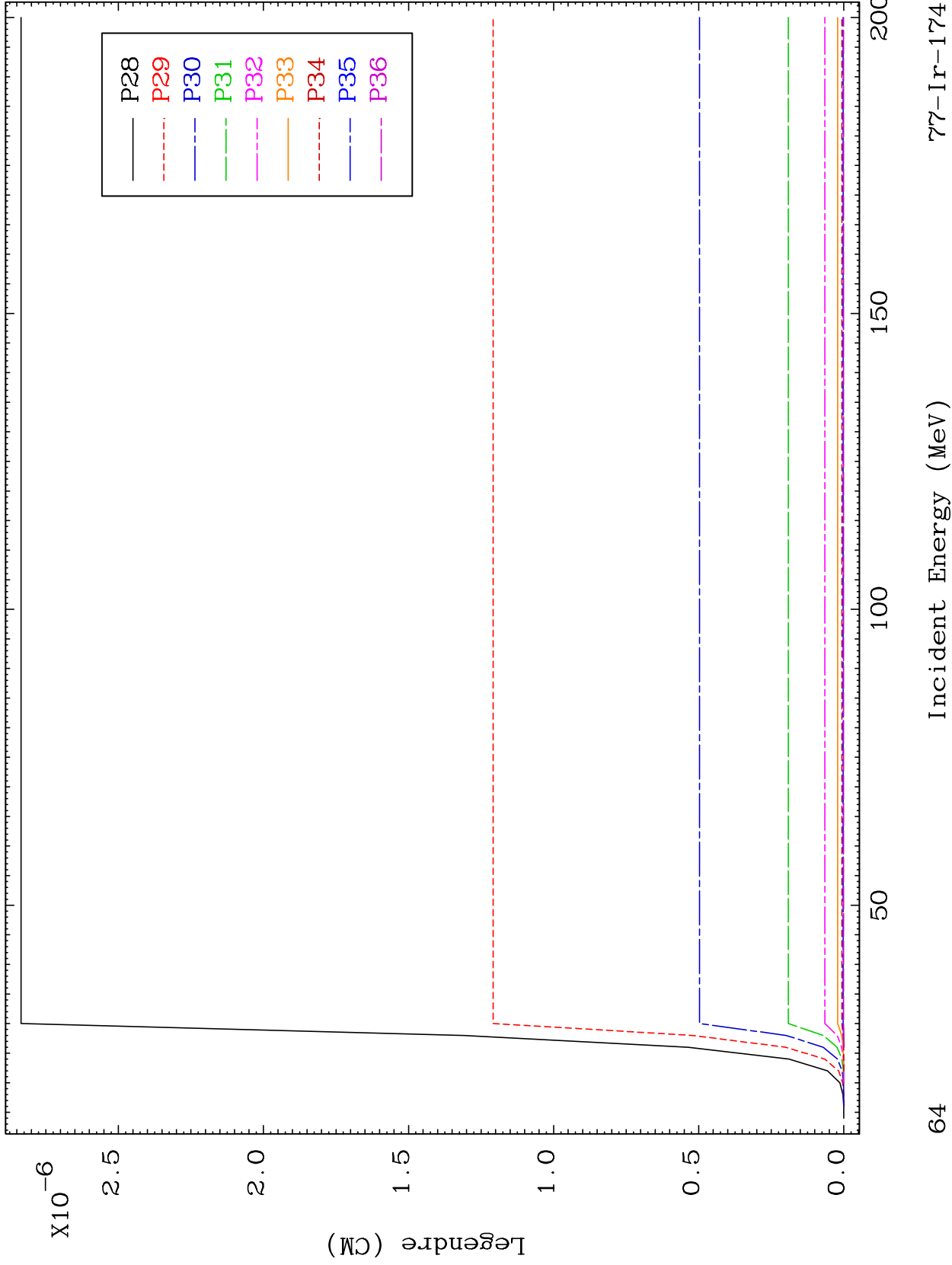
77-Ir-174



MAT 7674

359.6 keV (n,n') Level
Legendre Coefficients

77-Ir-174



64

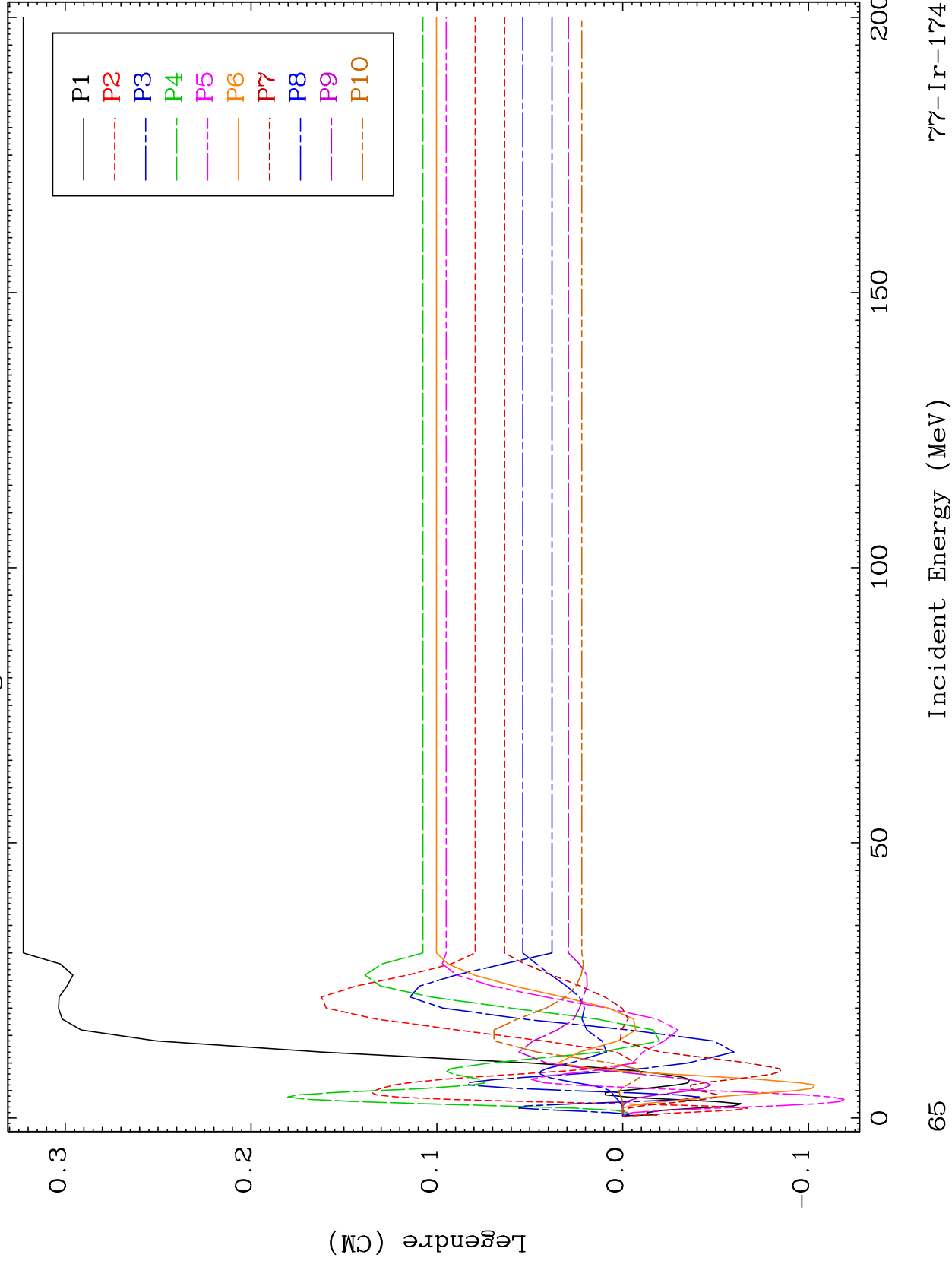
Incident Energy (MeV)

77-Ir-174

MAT 7674

366.3 keV (n,n') Level
Legendre Coefficients

77-Ir-174



77-Ir-174

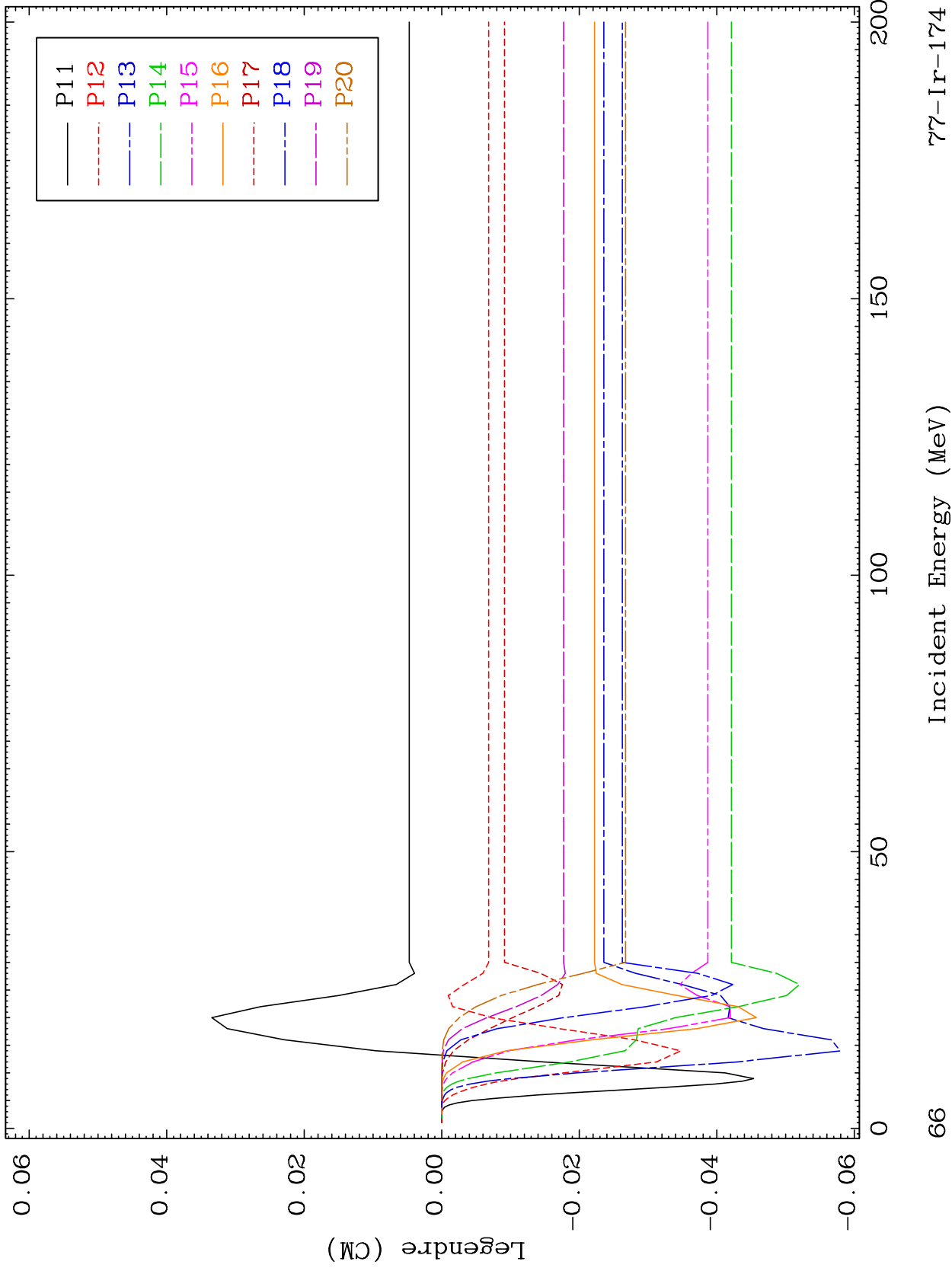
Incident Energy (MeV)

65

MAT 7674

366.3 keV (n,n') Level
Legendre Coefficients

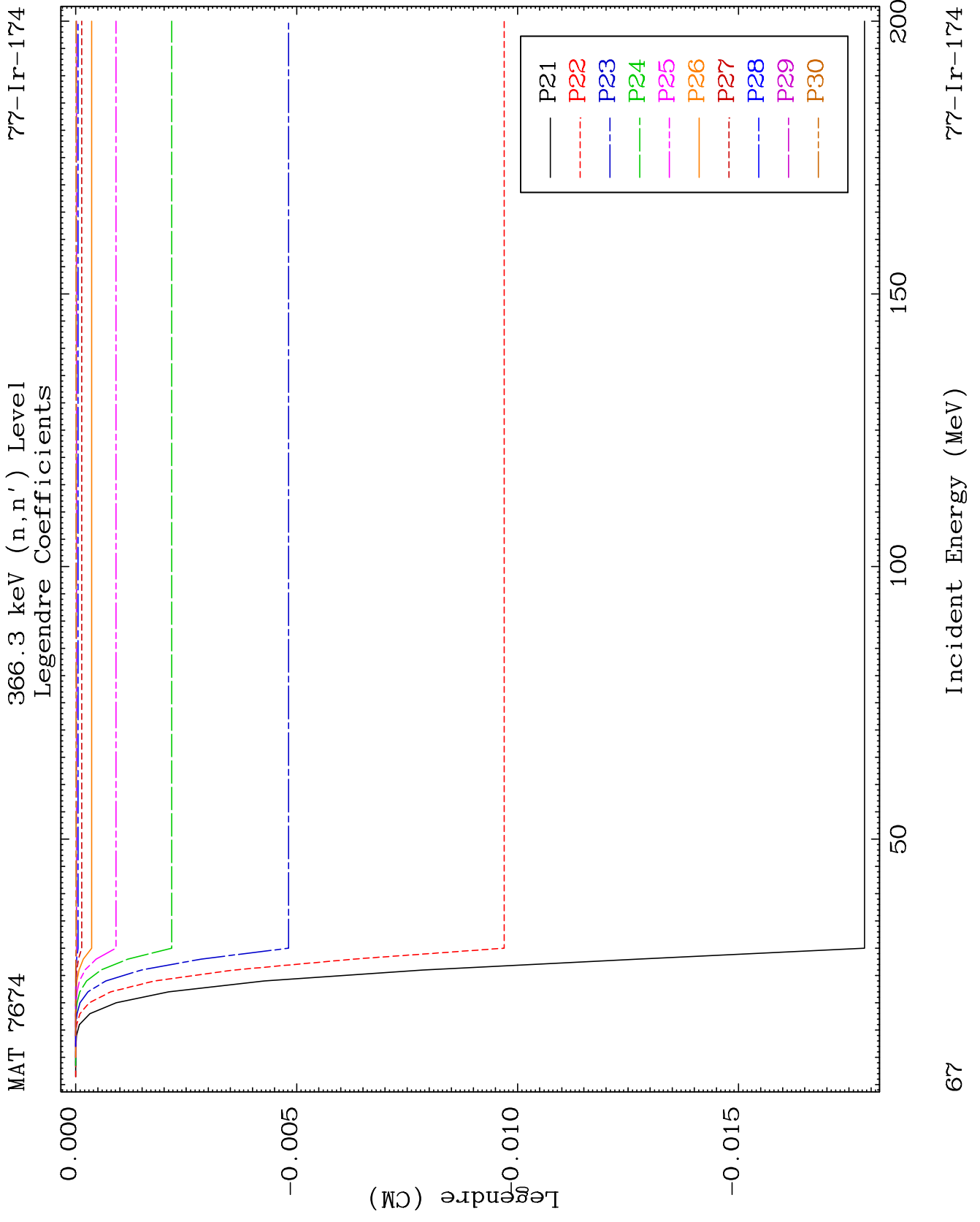
77-Ir-174

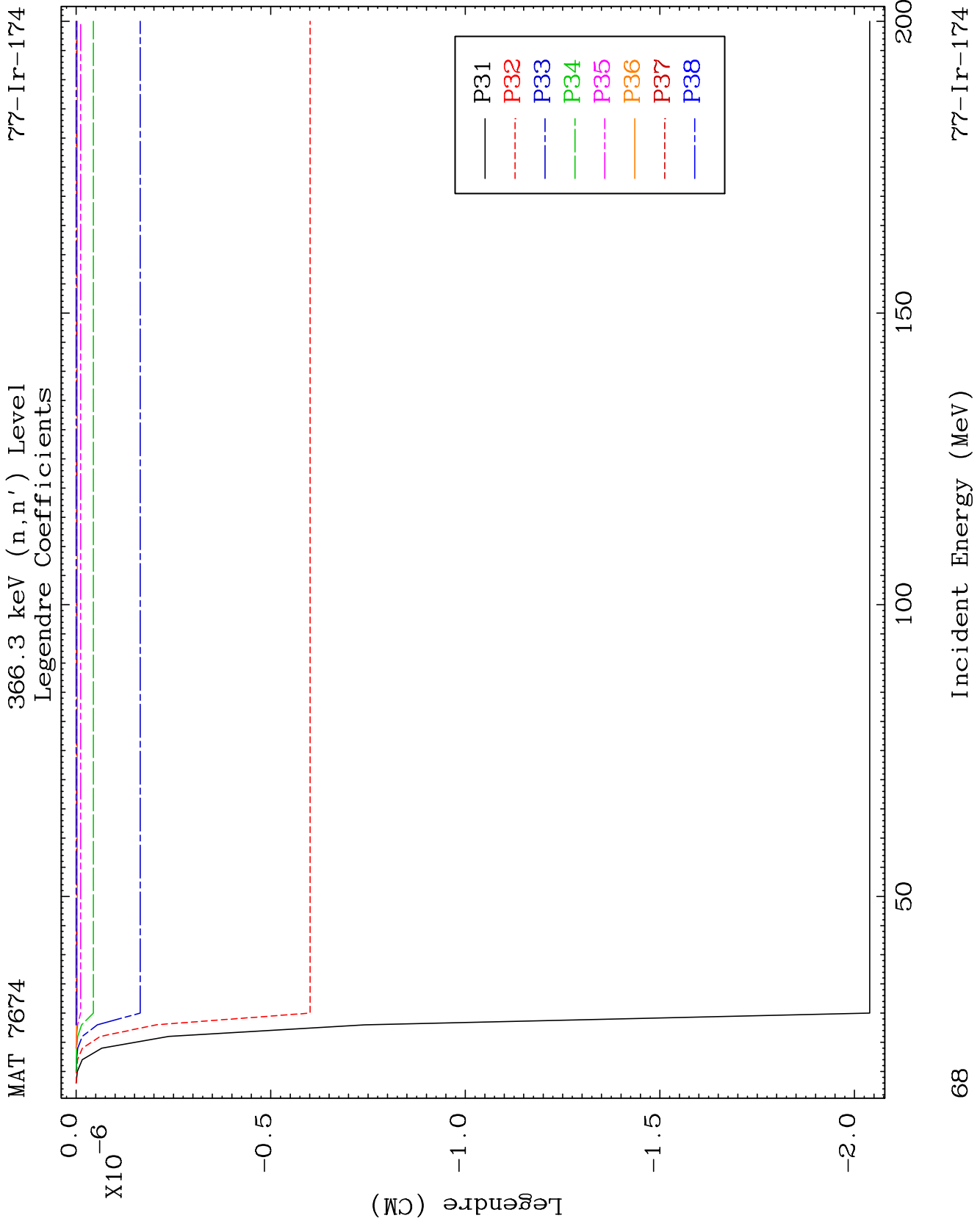


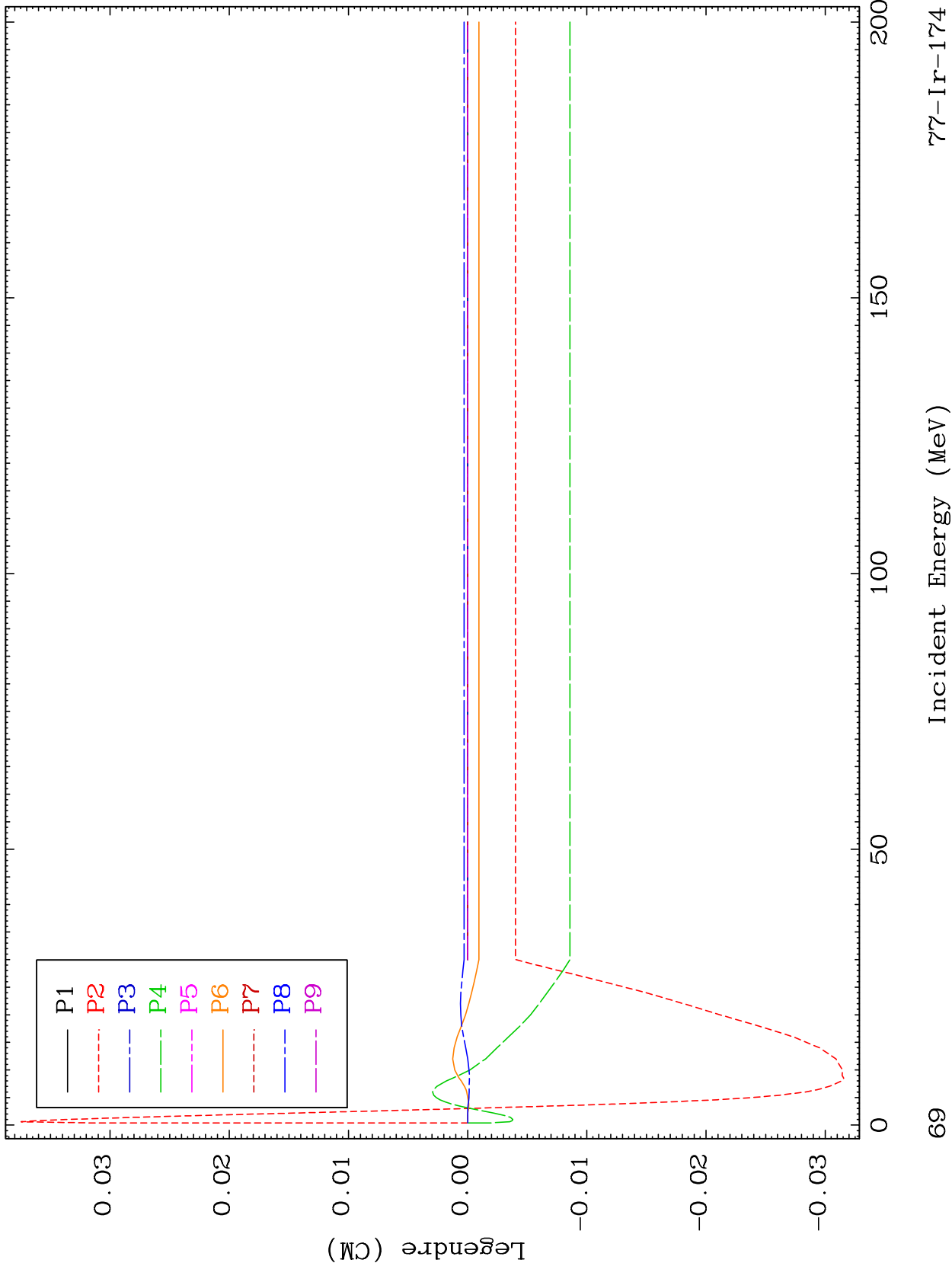
77-Ir-174

Incident Energy (MeV)

66



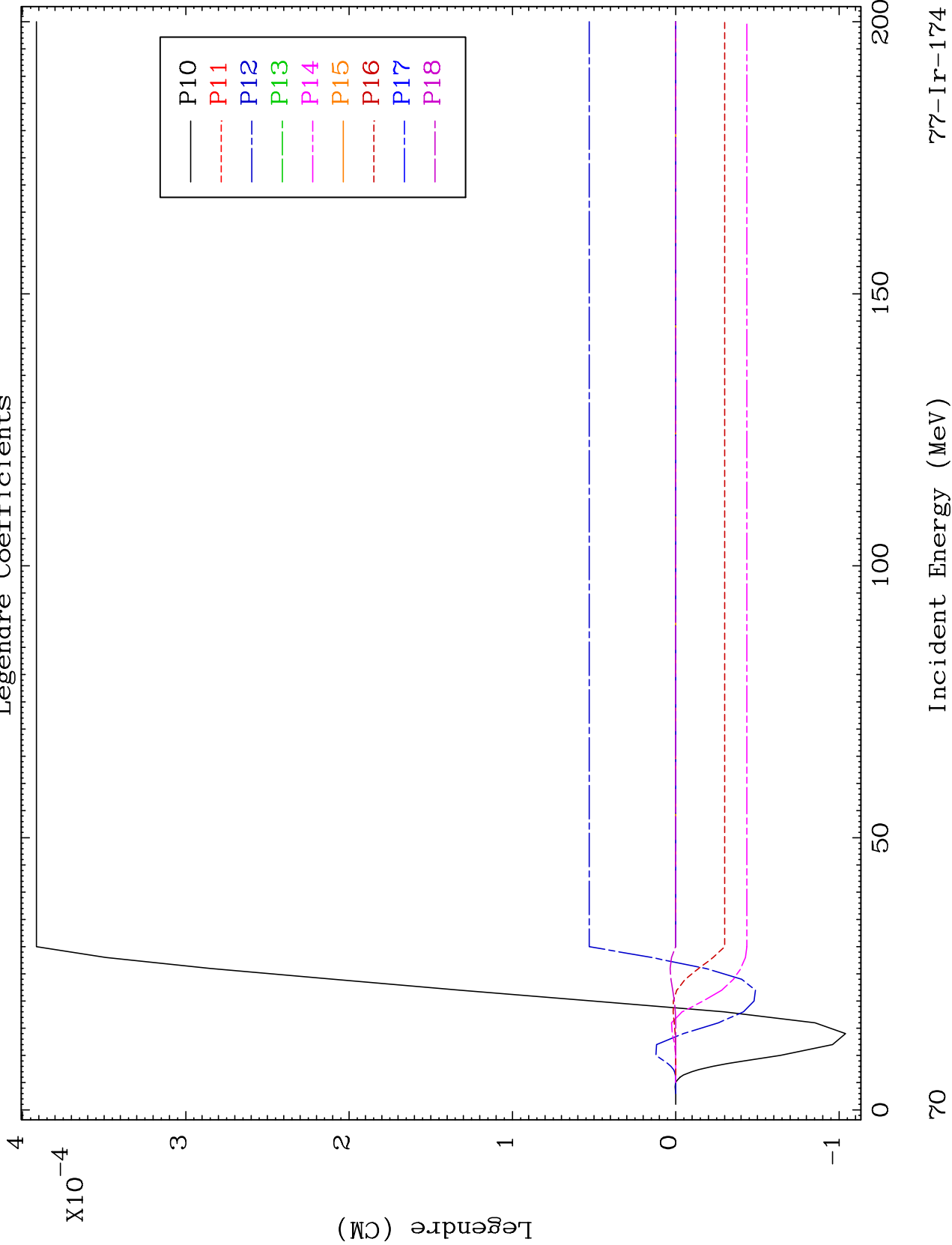




MAT 7674

368.4 keV (n,n') Level
Legendre Coefficients

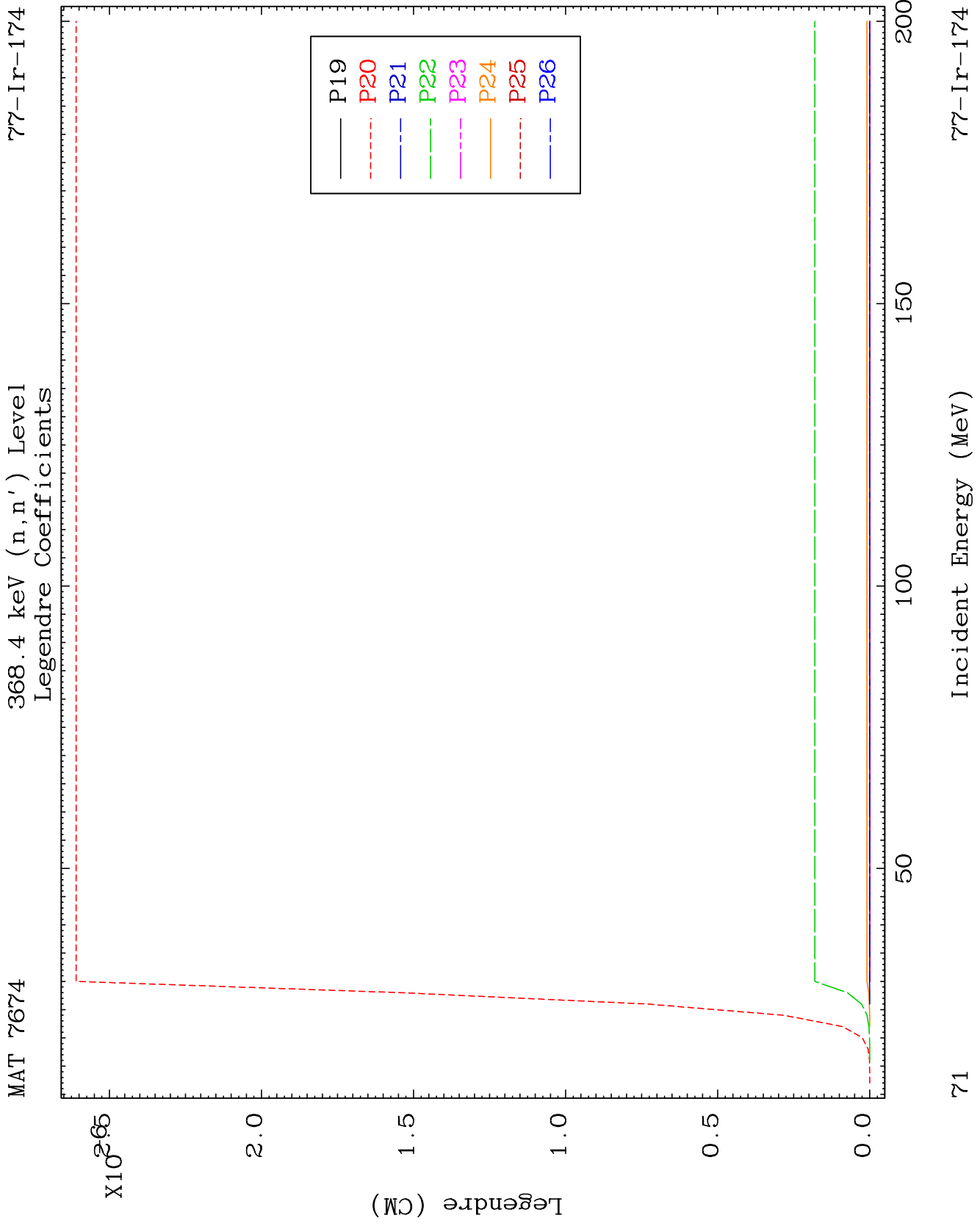
77-Ir-174



77-Ir-174

Incident Energy (MeV)

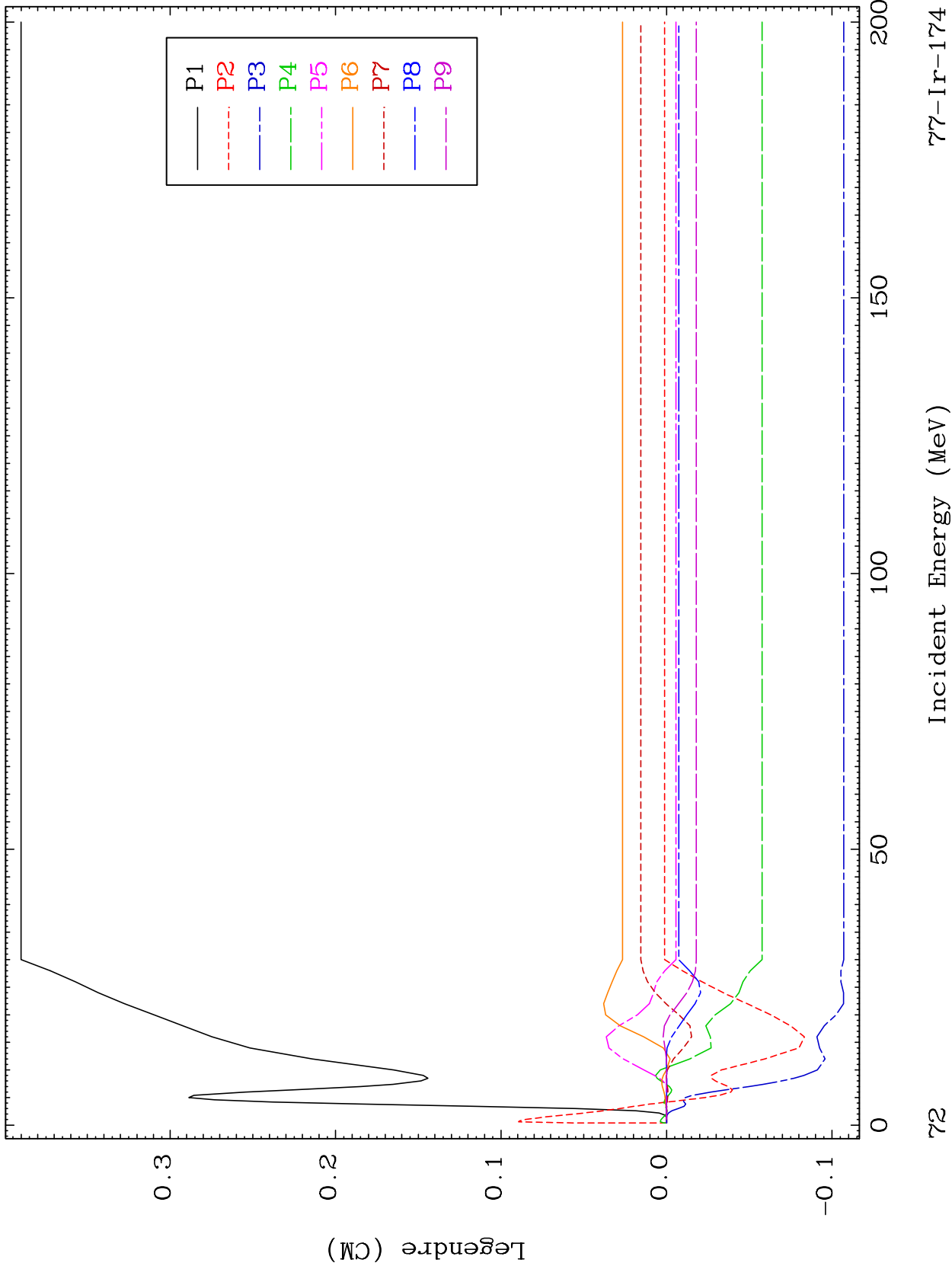
70



MAT 7674

375.5 keV (n,n') Level
Legendre Coefficients

77-Ir-174



77-Ir-174

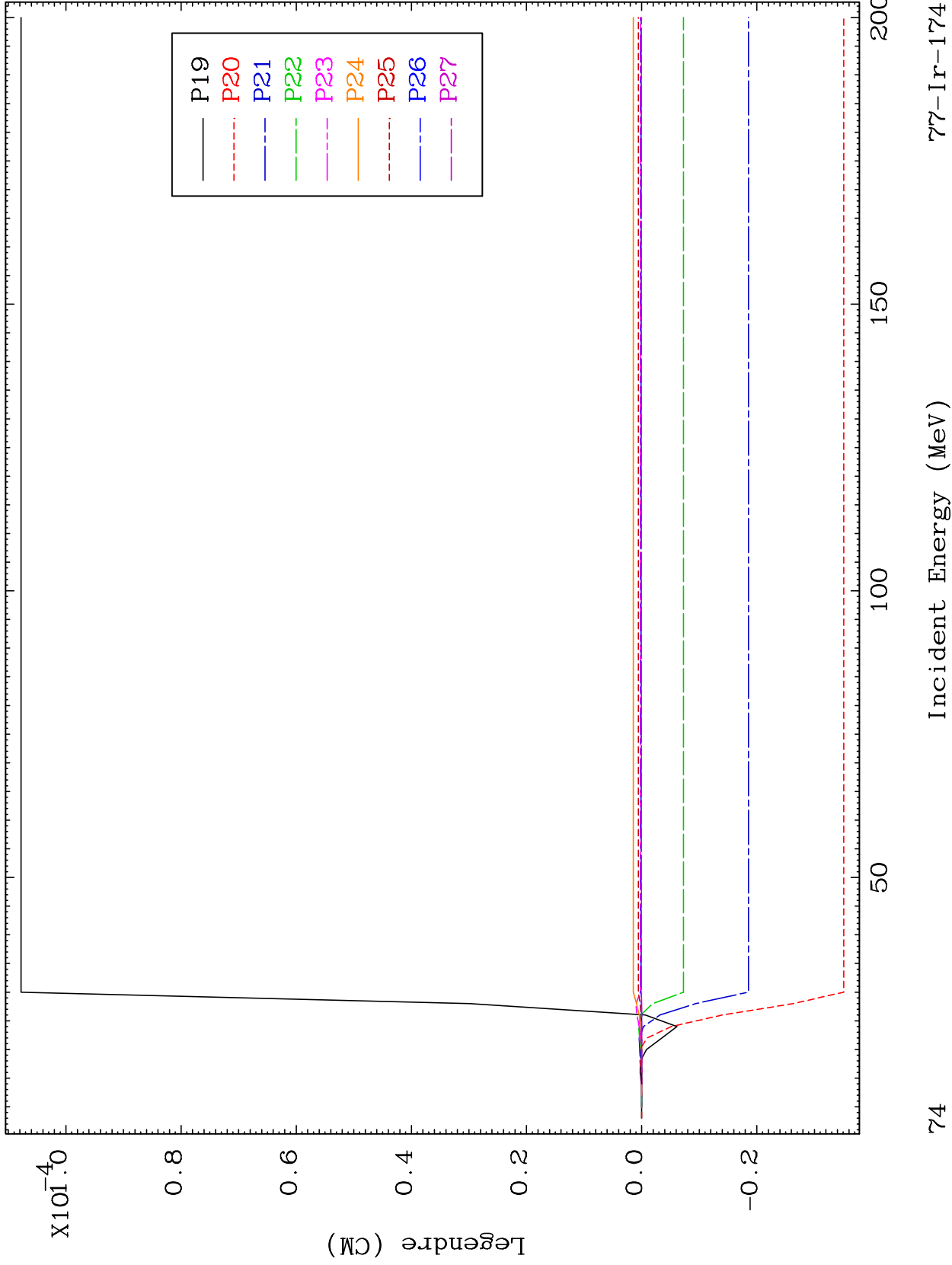
Incident Energy (MeV)

72

MAT 7674

375.5 keV (n,n') Level
Legendre Coefficients

77-Ir-174



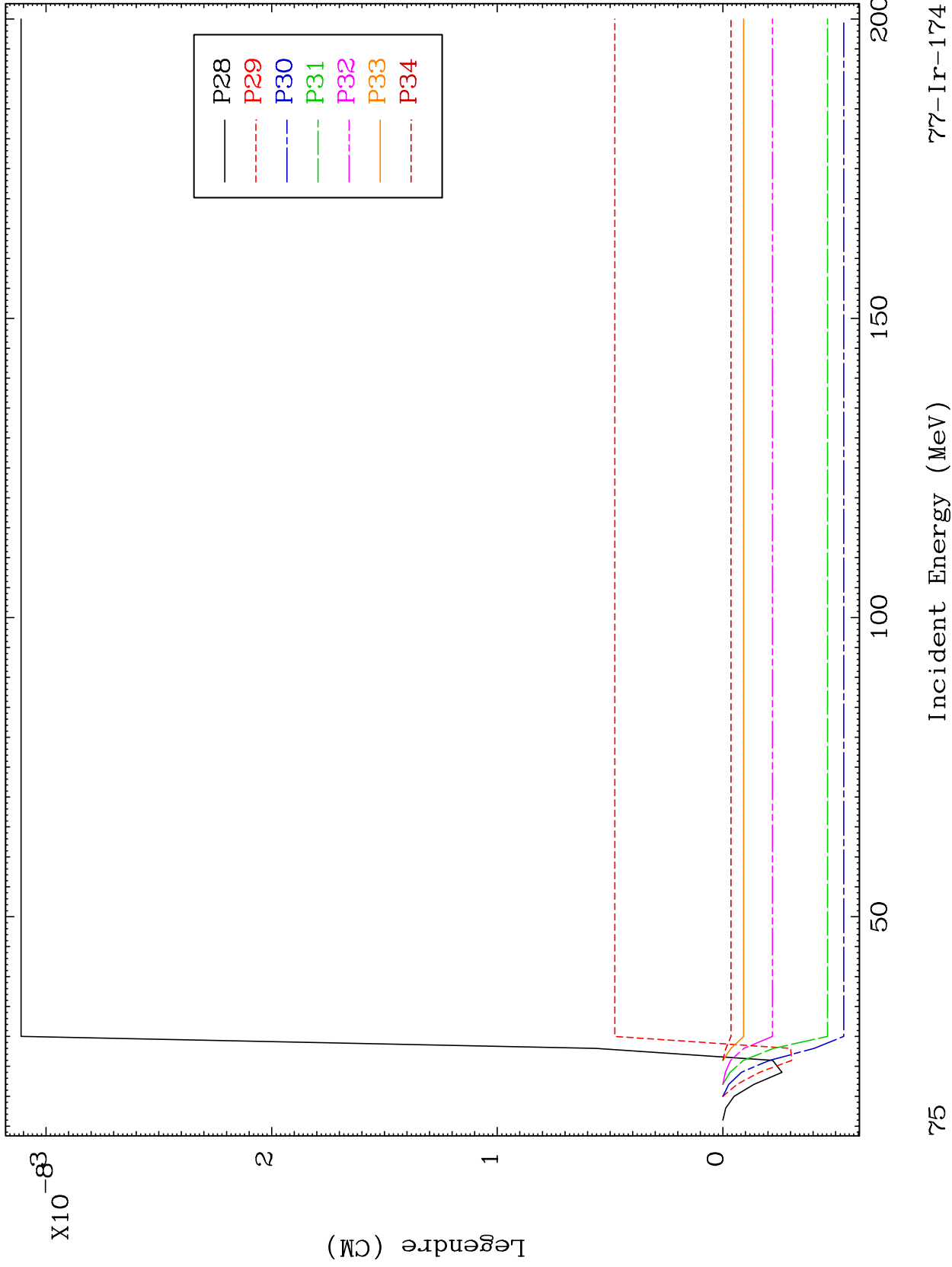
74

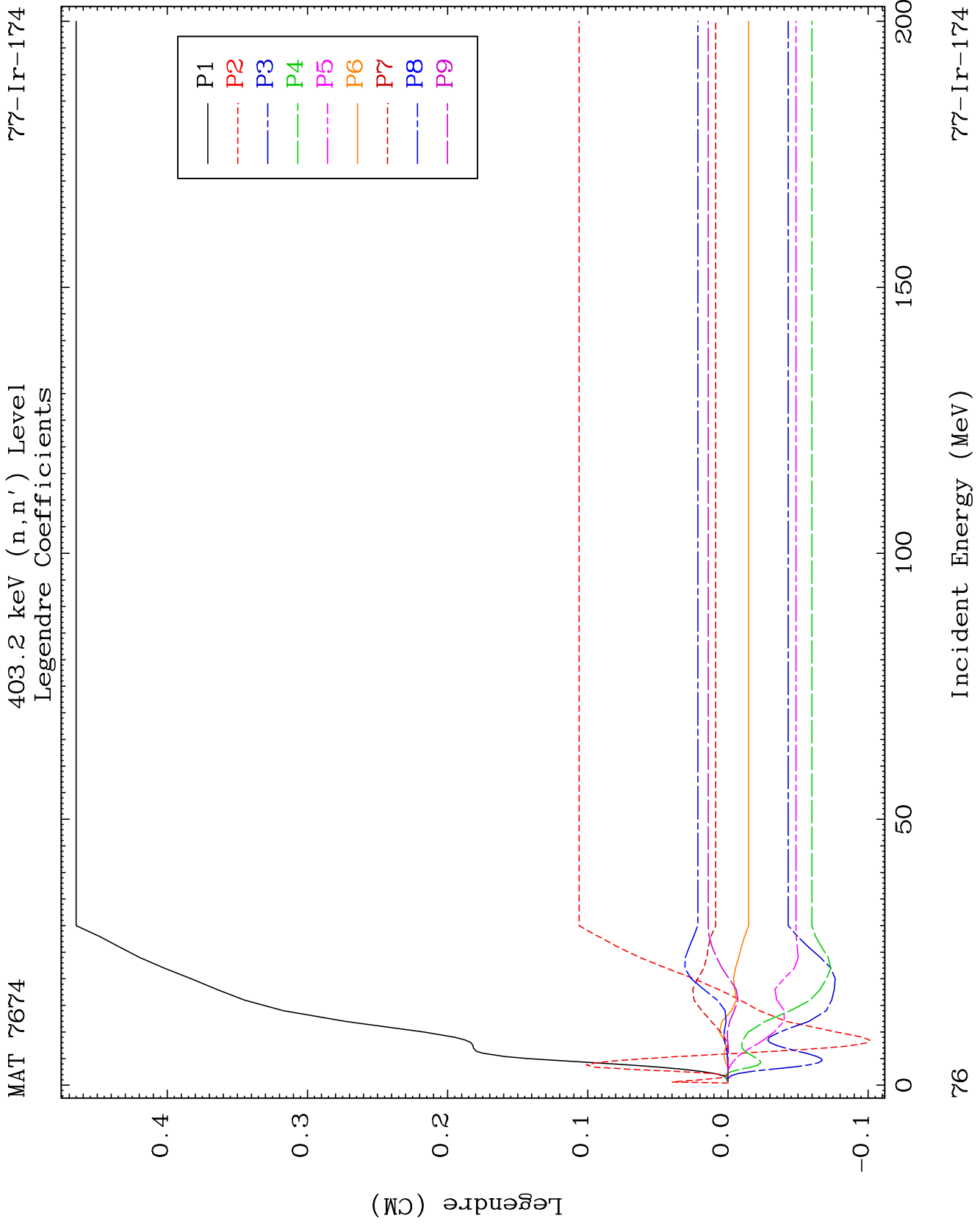
77-Ir-174

MAT 7674

375.5 keV (n,n') Level
Legendre Coefficients

77-Ir-174

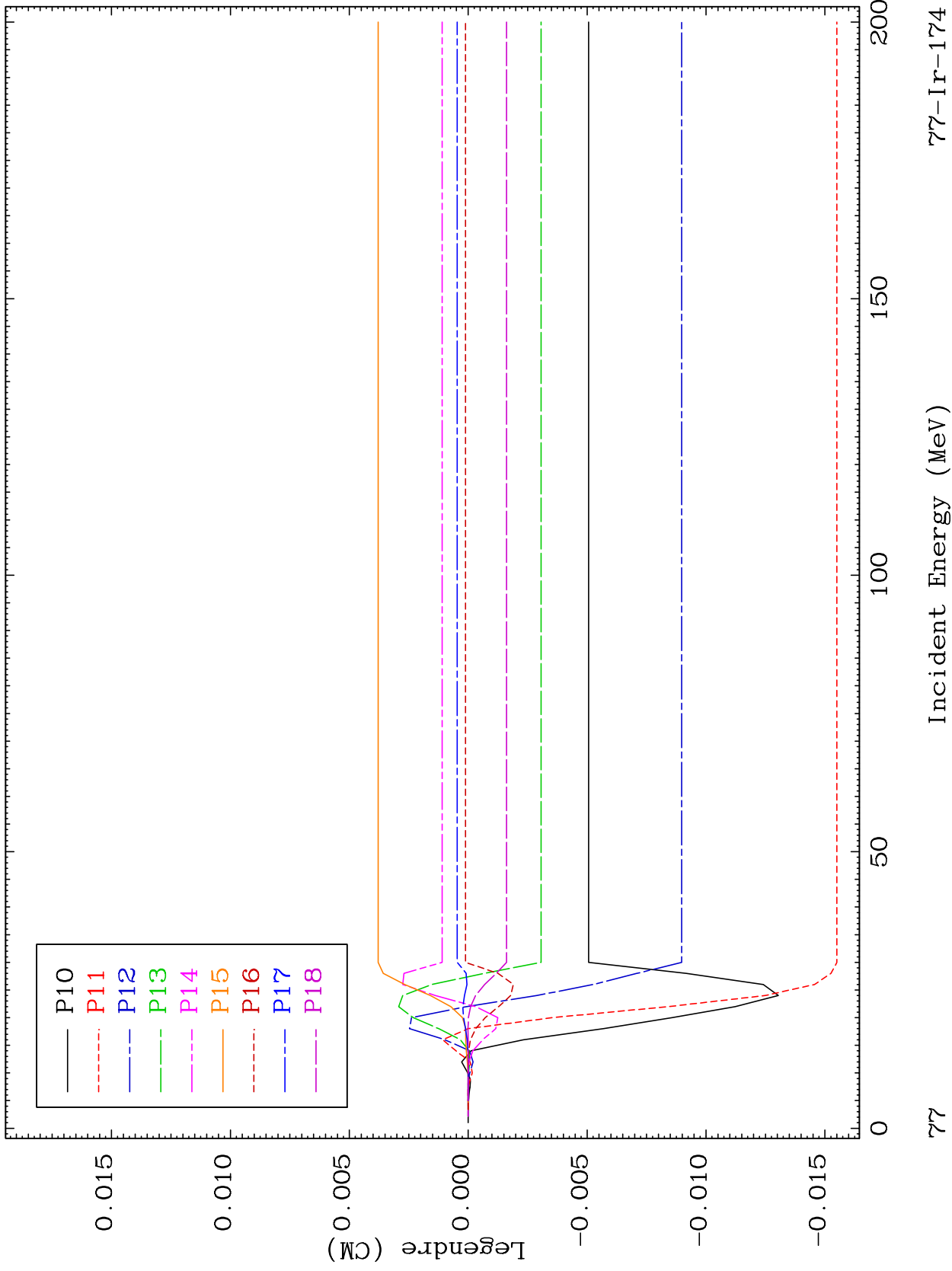




MAT 7674

403.2 keV (n,n') Level
Legendre Coefficients

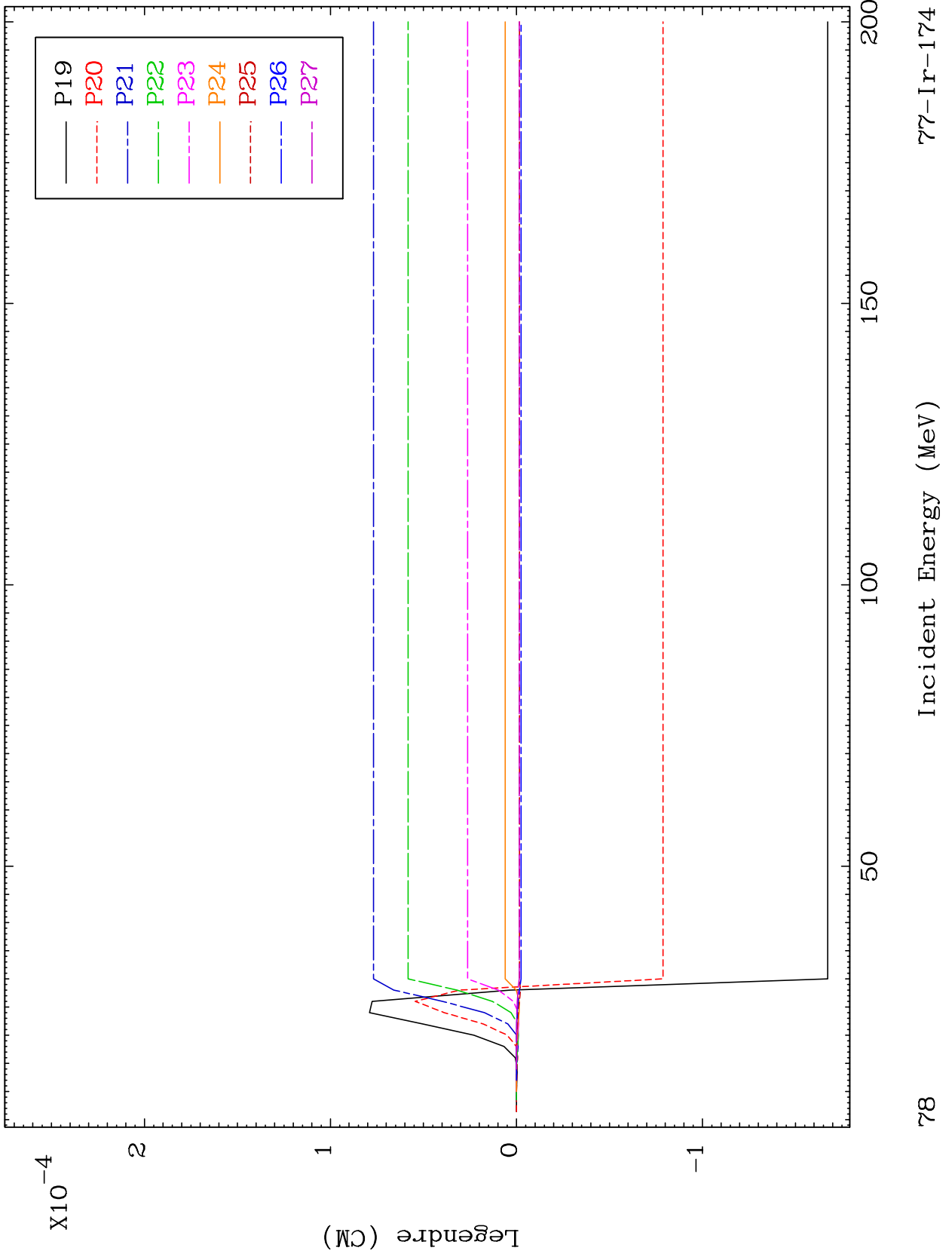
77-Ir-174

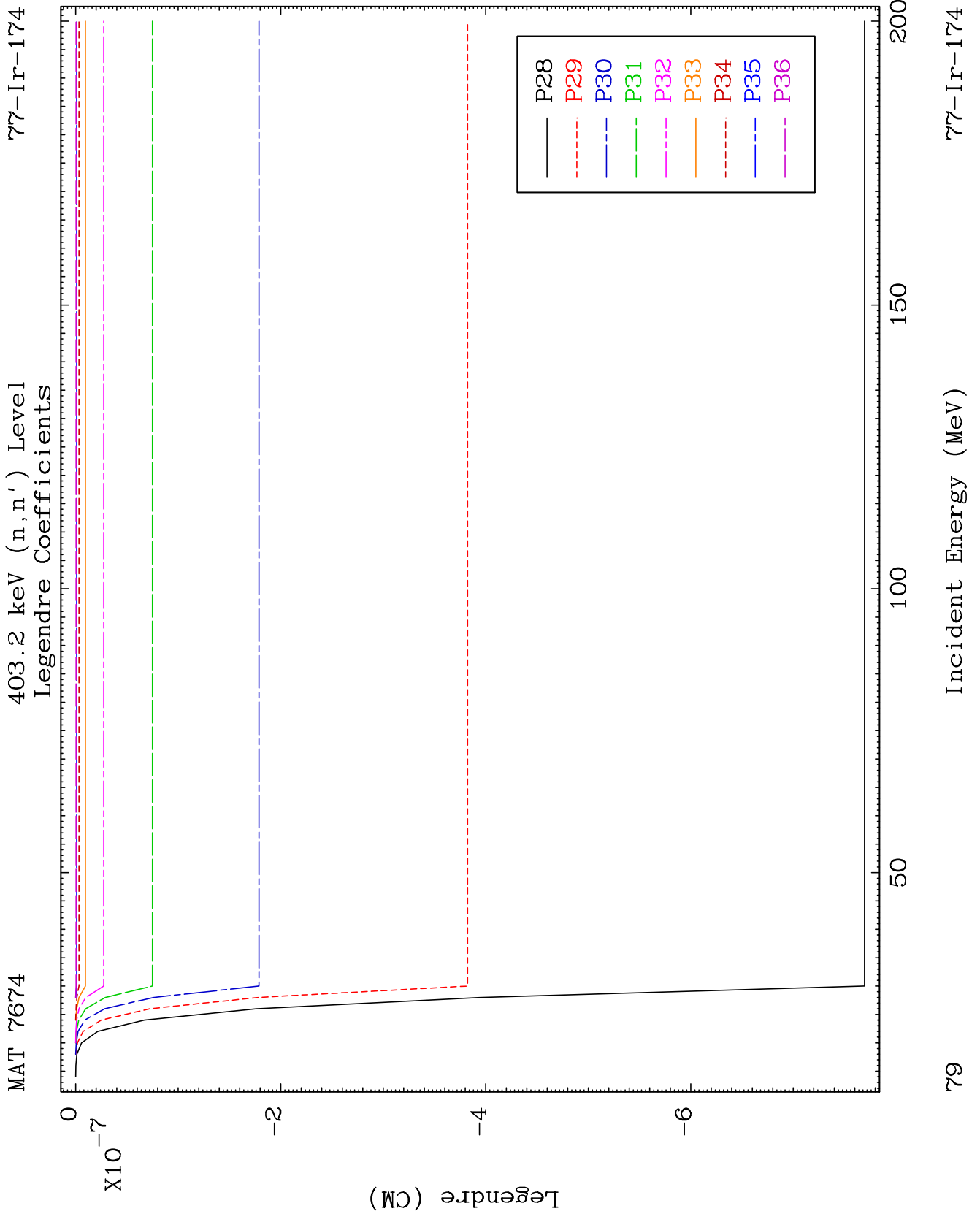


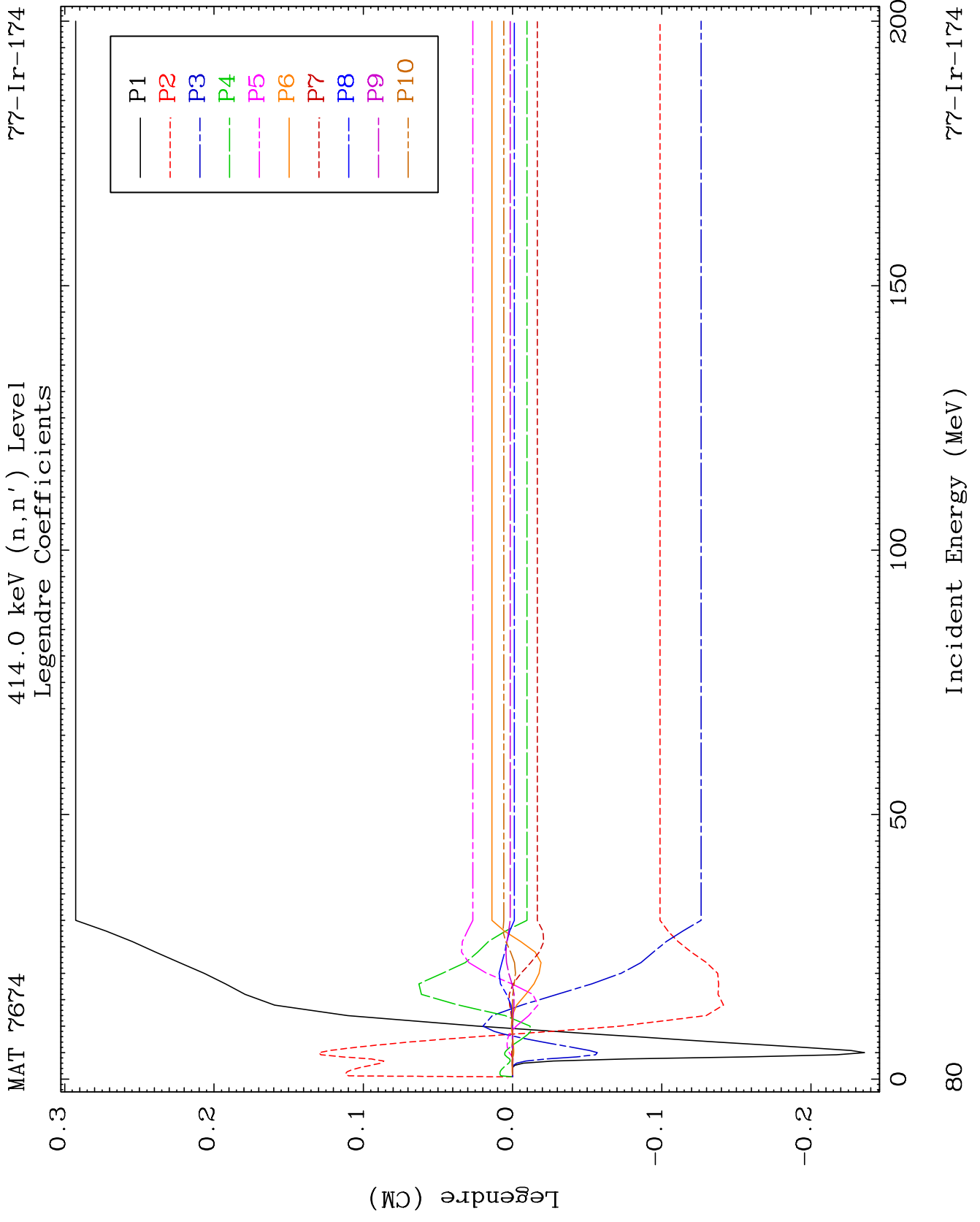
77

Incident Energy (MeV)

77-Ir-174



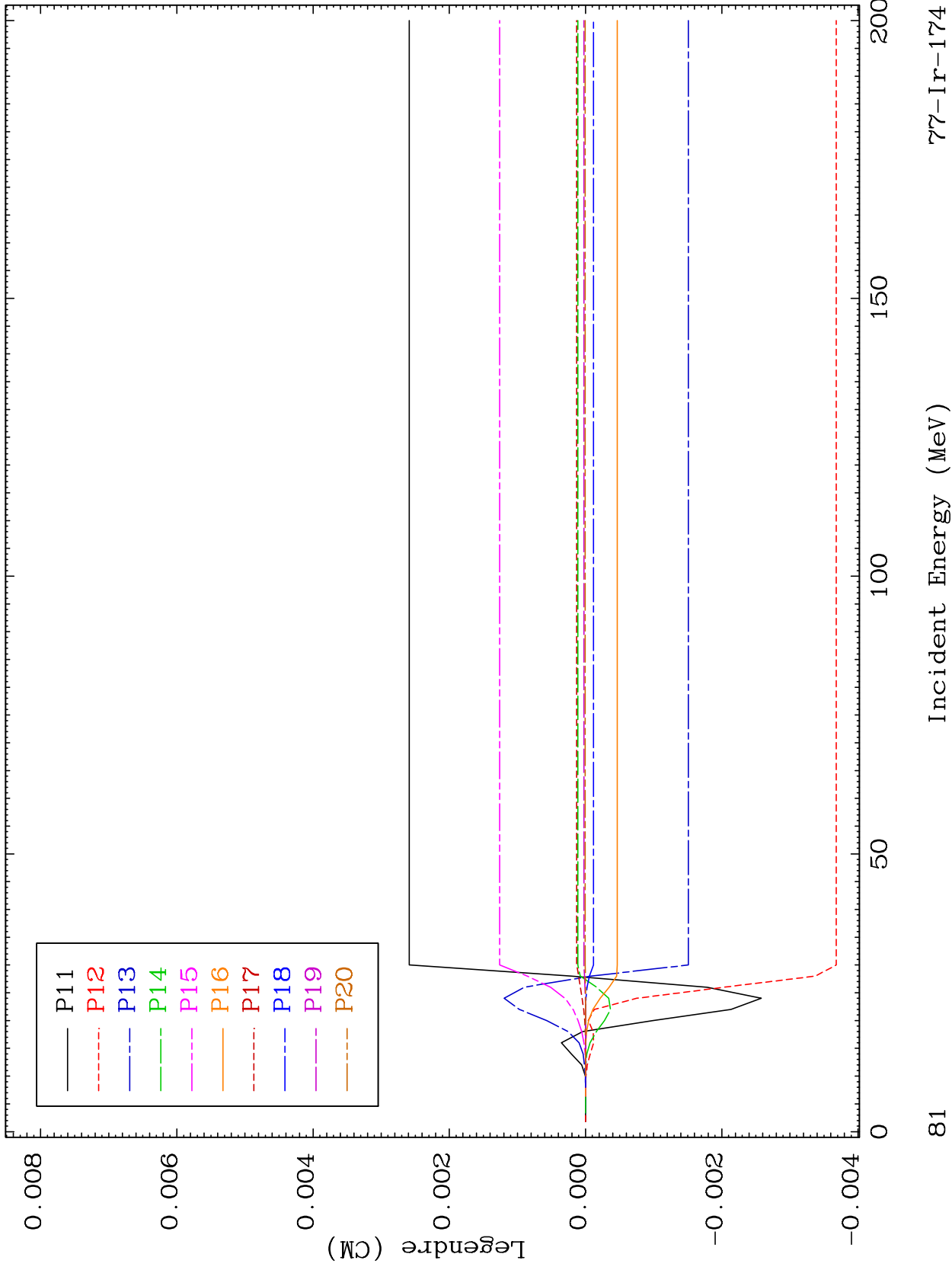




MAT 7674

414.0 keV (n,n') Level
Legendre Coefficients

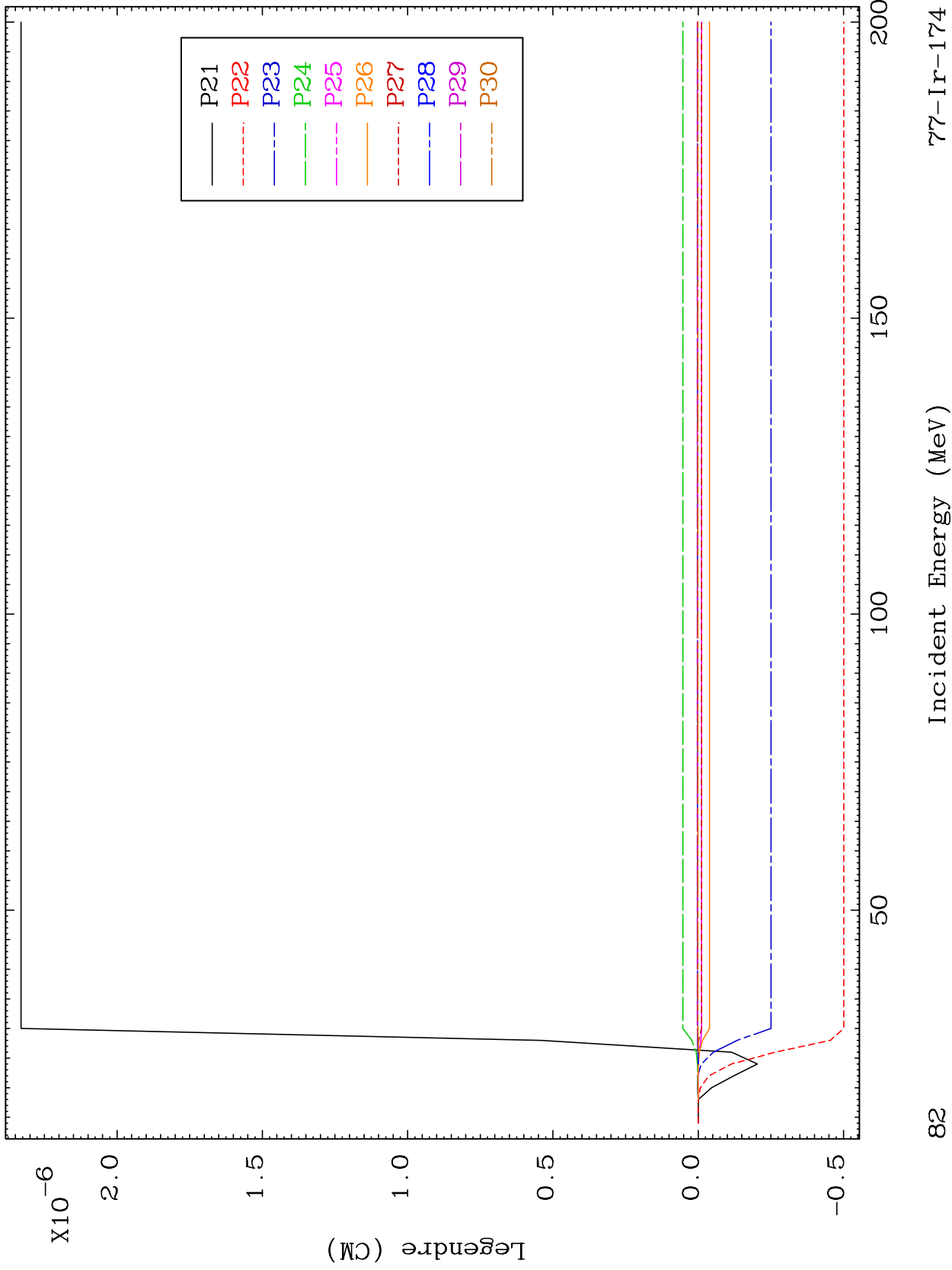
77-Ir-174

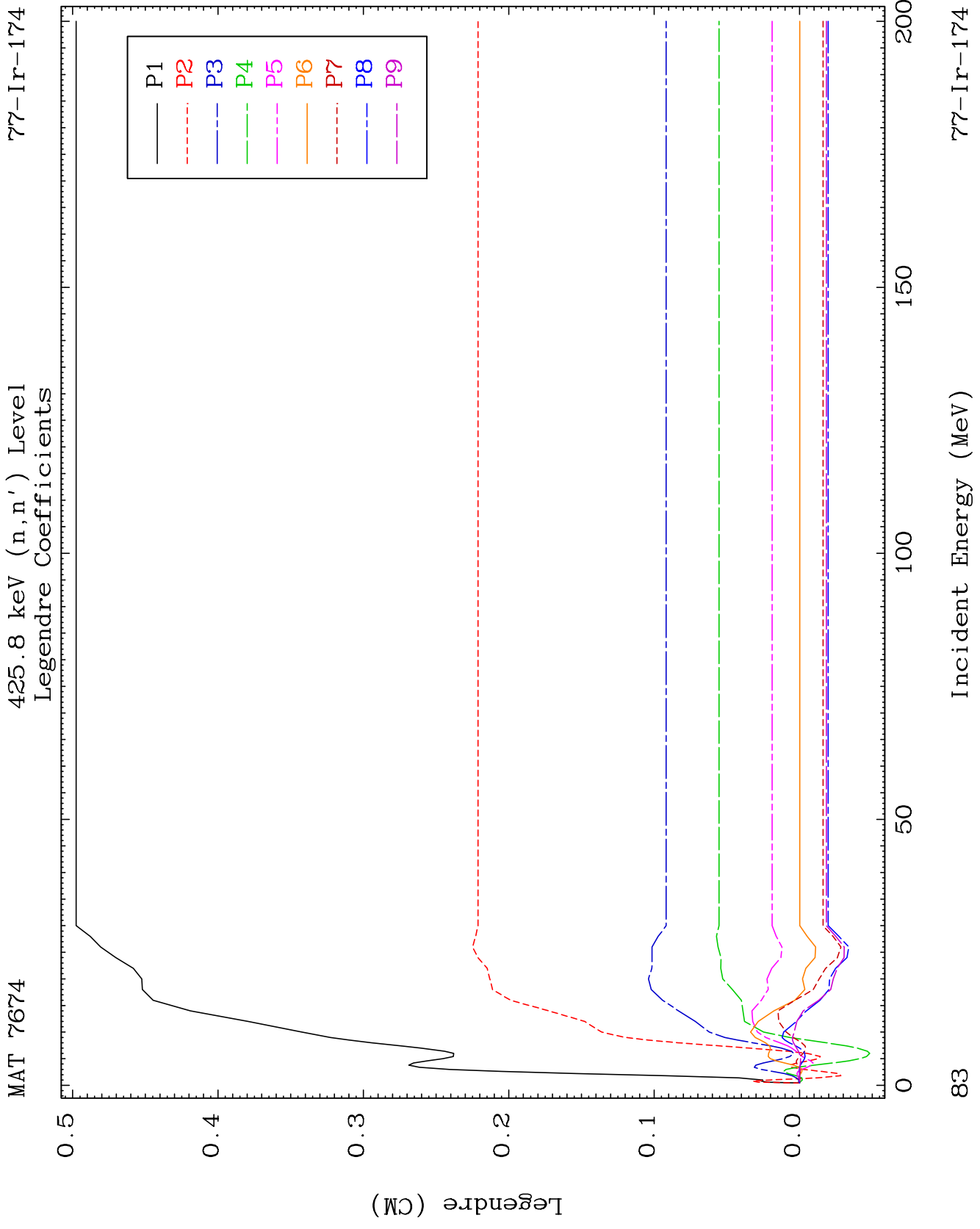


81

Incident Energy (MeV)

77-Ir-174

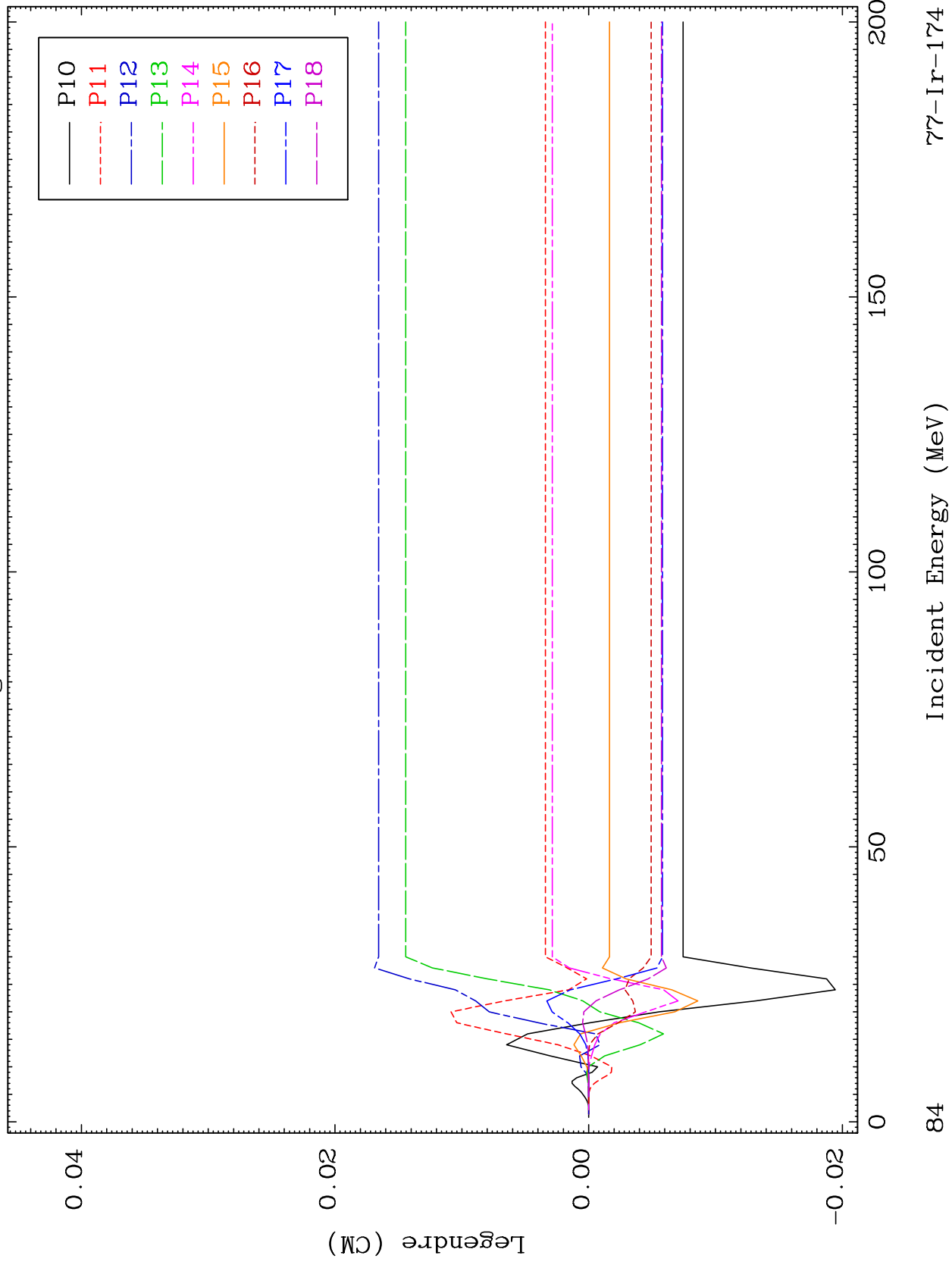




MAT 7674

425.8 keV (n,n') Level
Legendre Coefficients

77-Ir-174



84

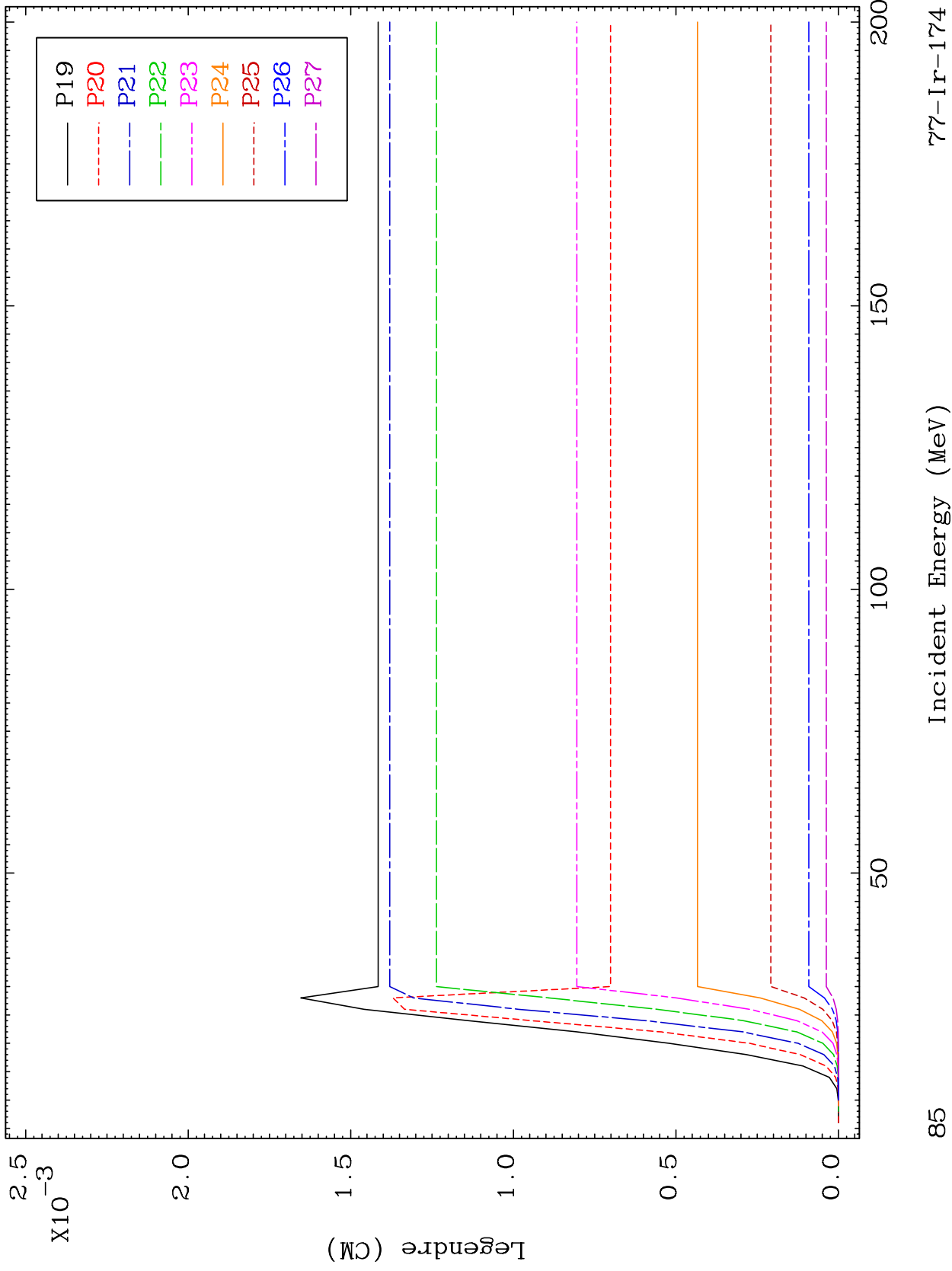
Incident Energy (MeV)

77-Ir-174

MAT 7674

425.8 keV (n,n') Level
Legendre Coefficients

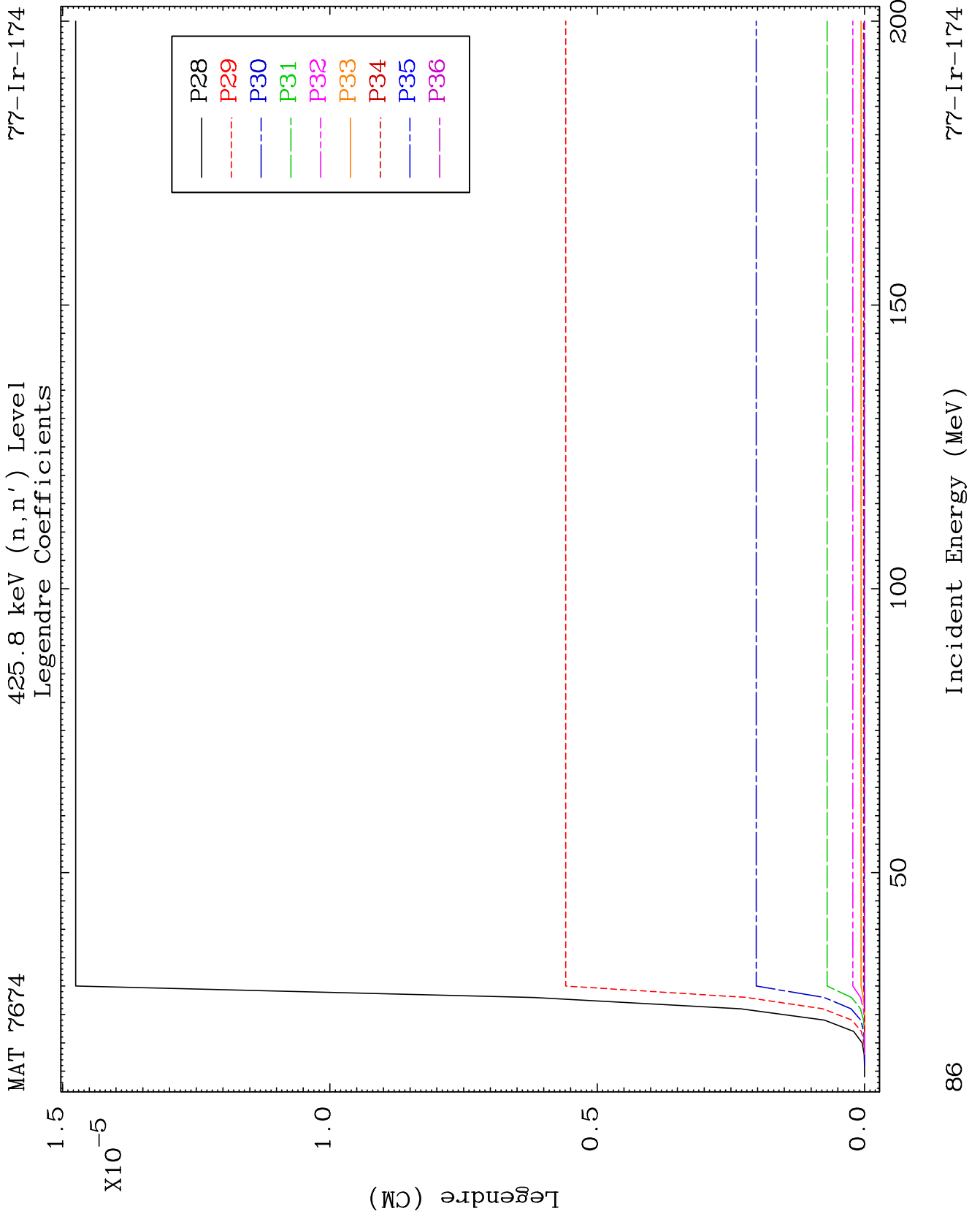
77-Ir-174



85

Incident Energy (MeV)

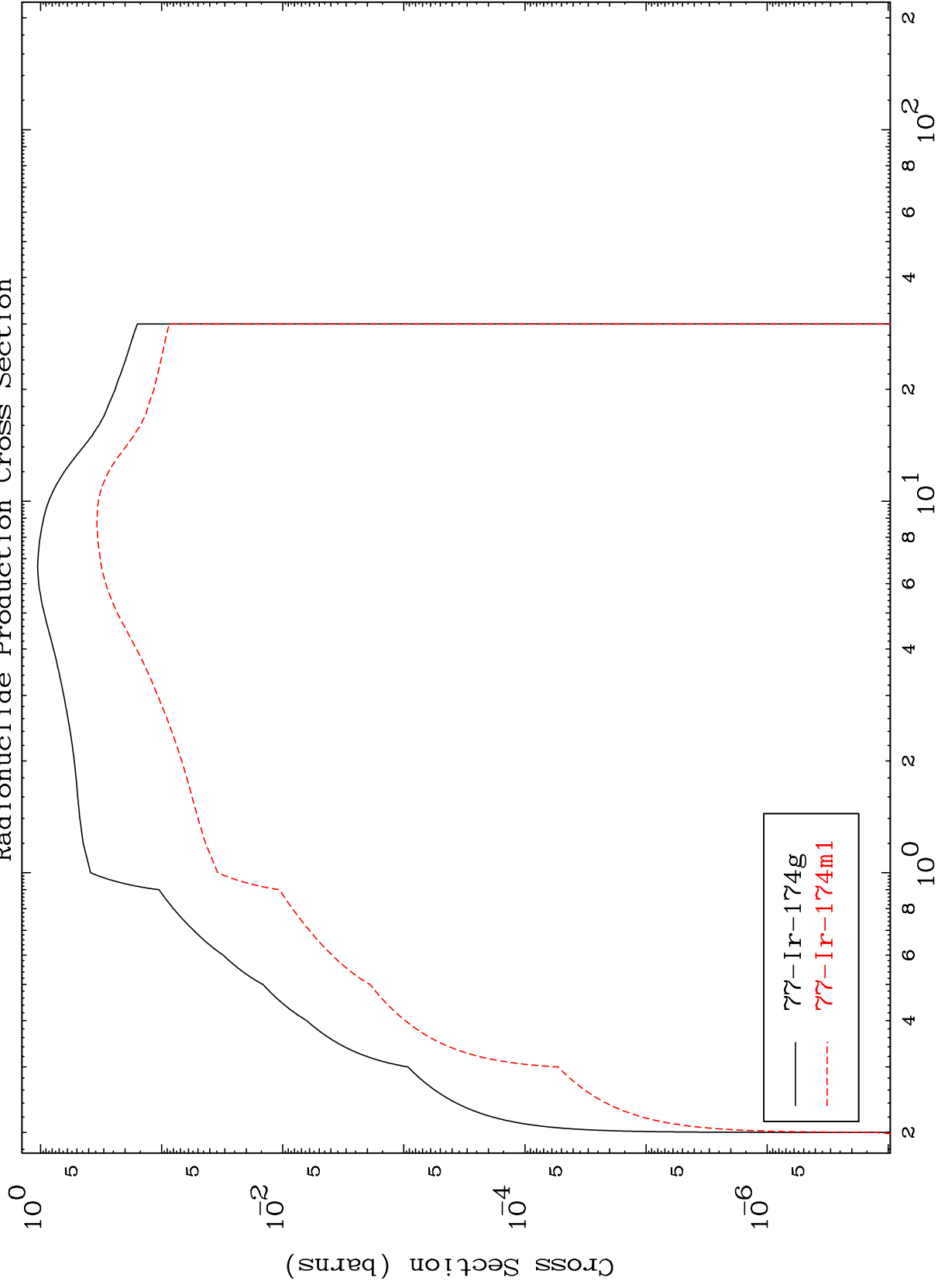
77-Ir-174



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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-174



— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1

87

Incident Energy (MeV)

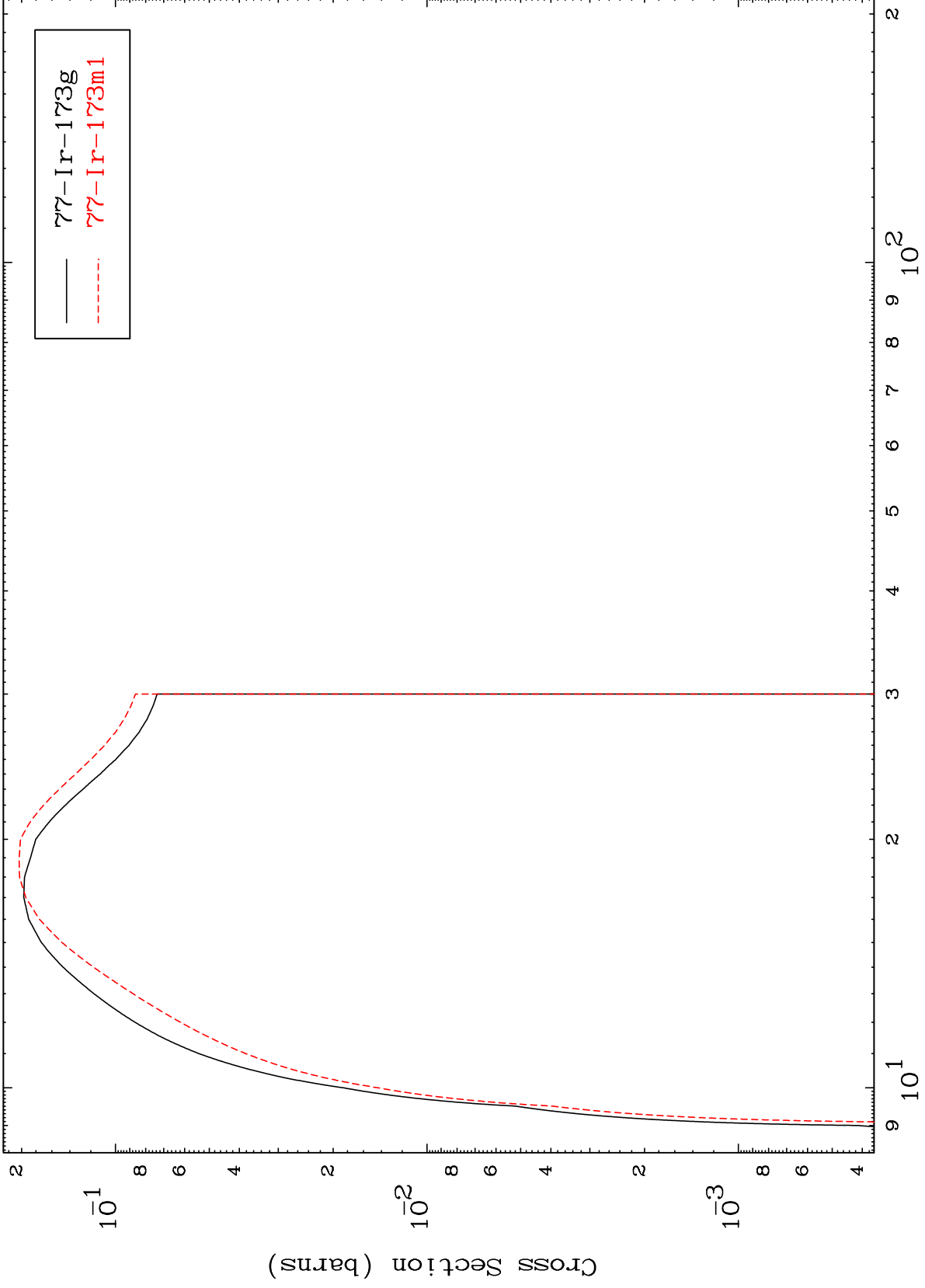
⁷⁷Ir-174

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⁷⁷Ir-174

(n,2n)

Radionuclide Production Cross Section

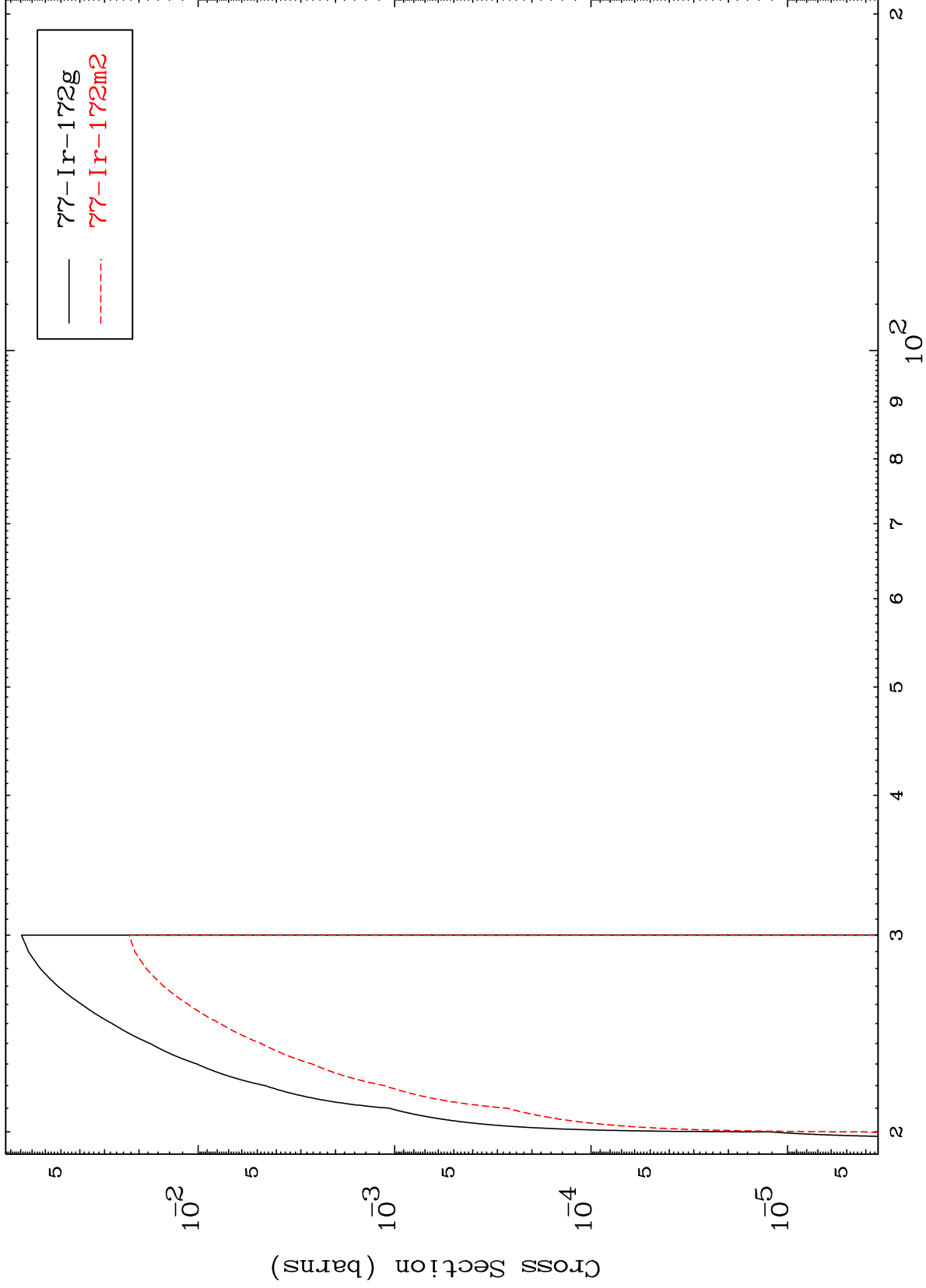


88

Incident Energy (MeV)

⁷⁷Ir-174

Radionuclide Production Cross Section

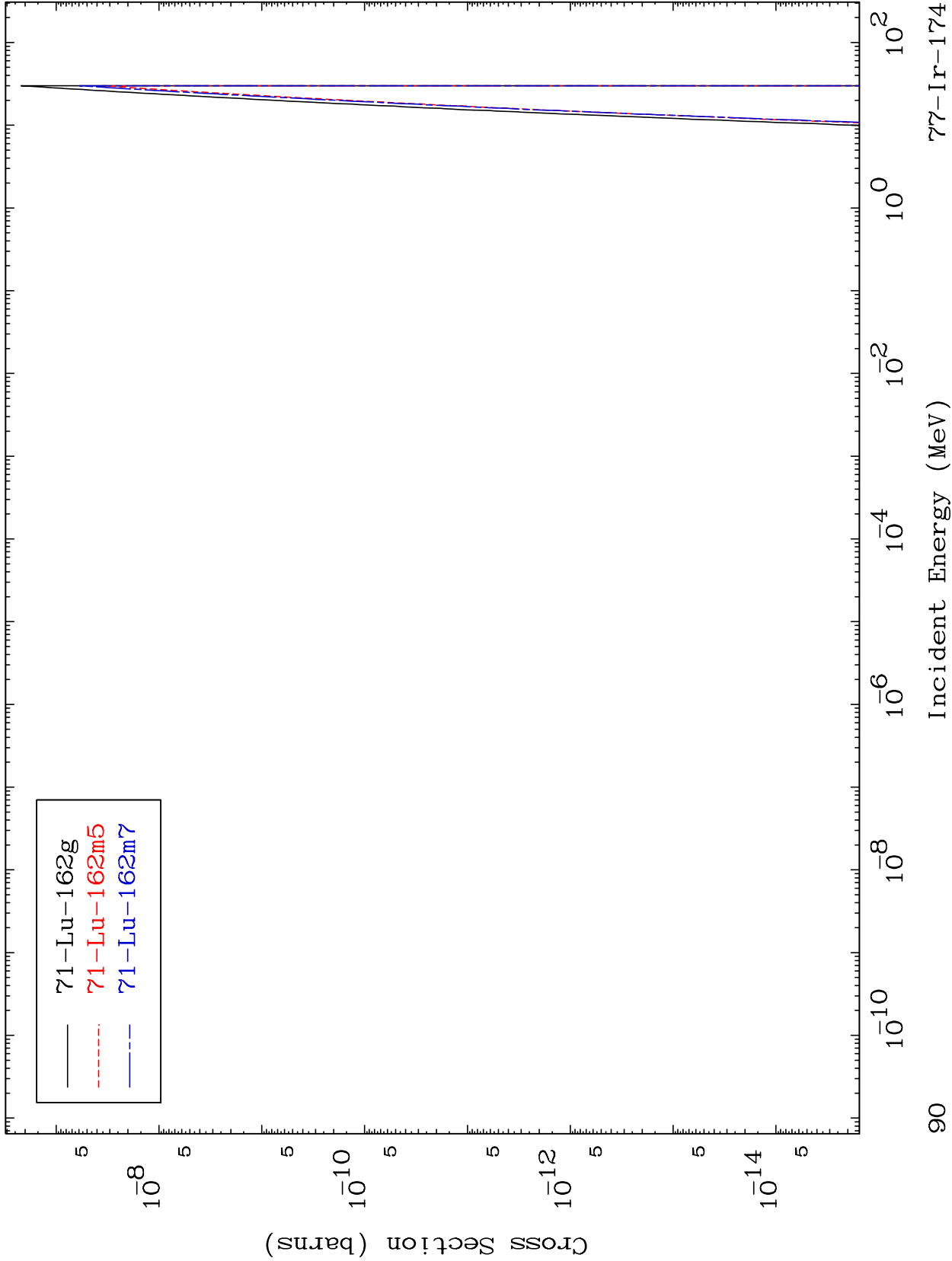


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(n,n') 3 α

⁷⁷Ir-174

Radionuclide Production Cross Section

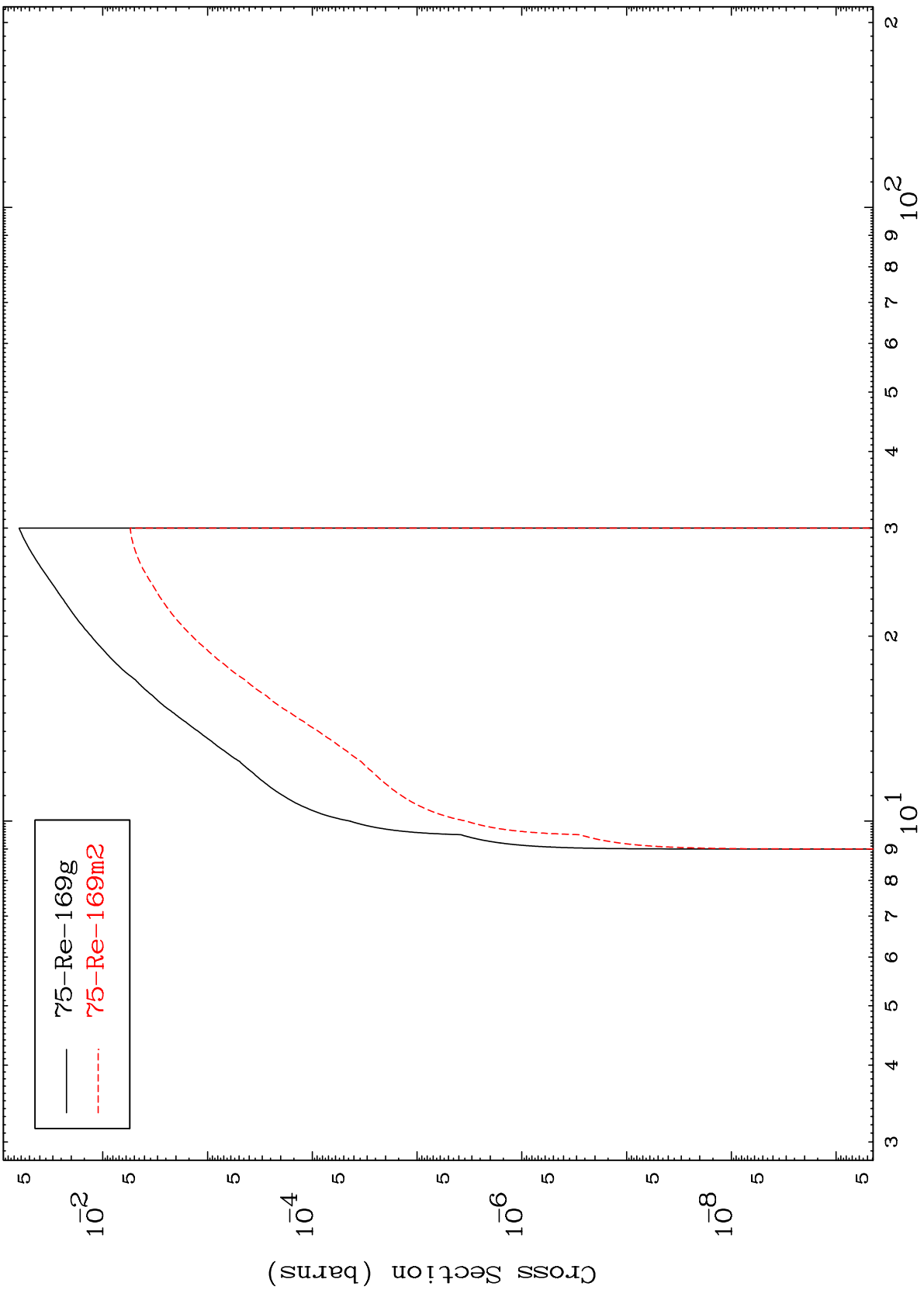


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$(n, 2n) \alpha$

$^{77}\text{Ir-174}$

Radionuclide Production Cross Section



91

Incident Energy (MeV)

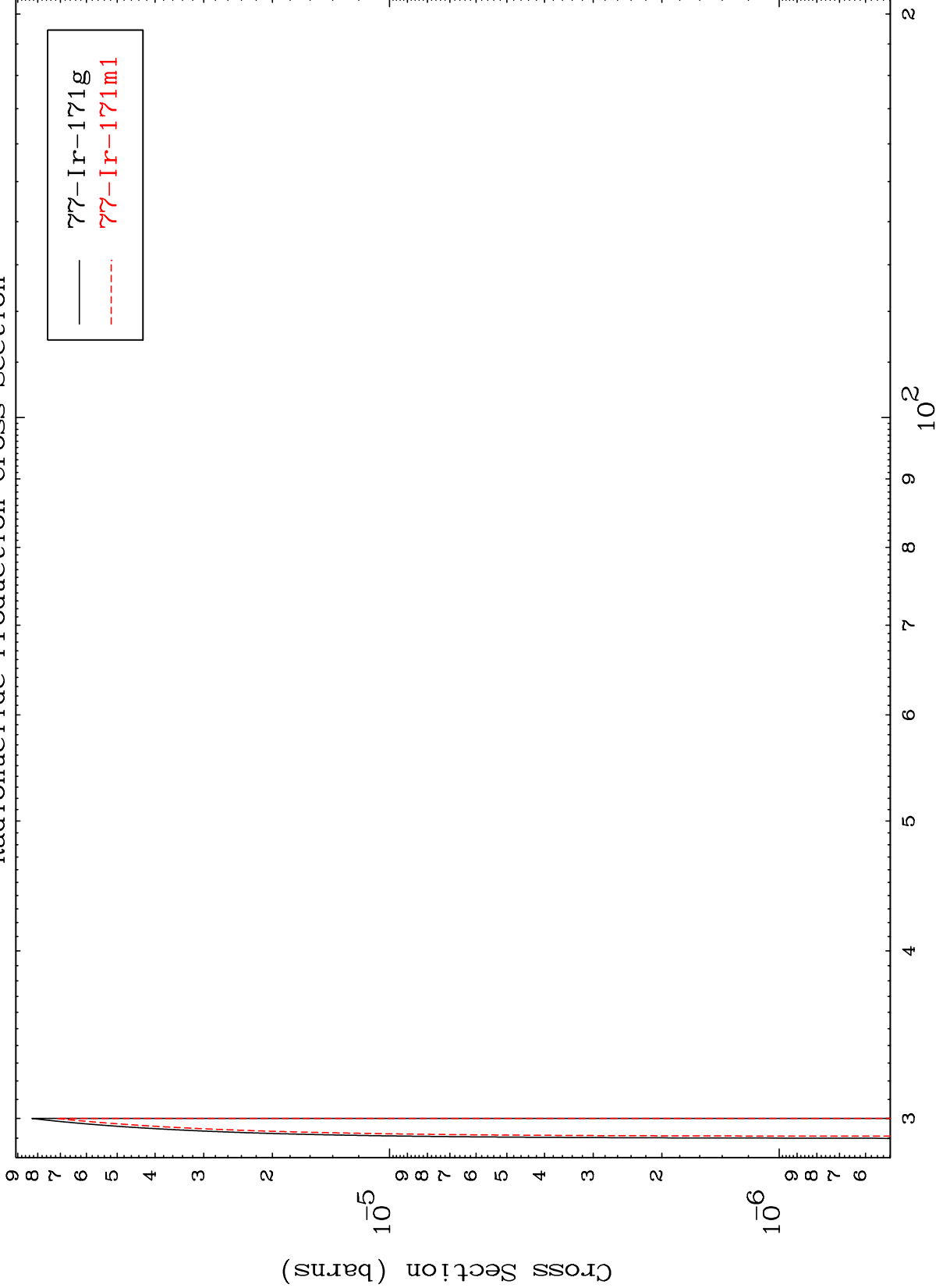
$^{77}\text{Ir-174}$

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(n,4n)

⁷⁷Ir-174

Radionuclide Production Cross Section



92

Incident Energy (MeV)

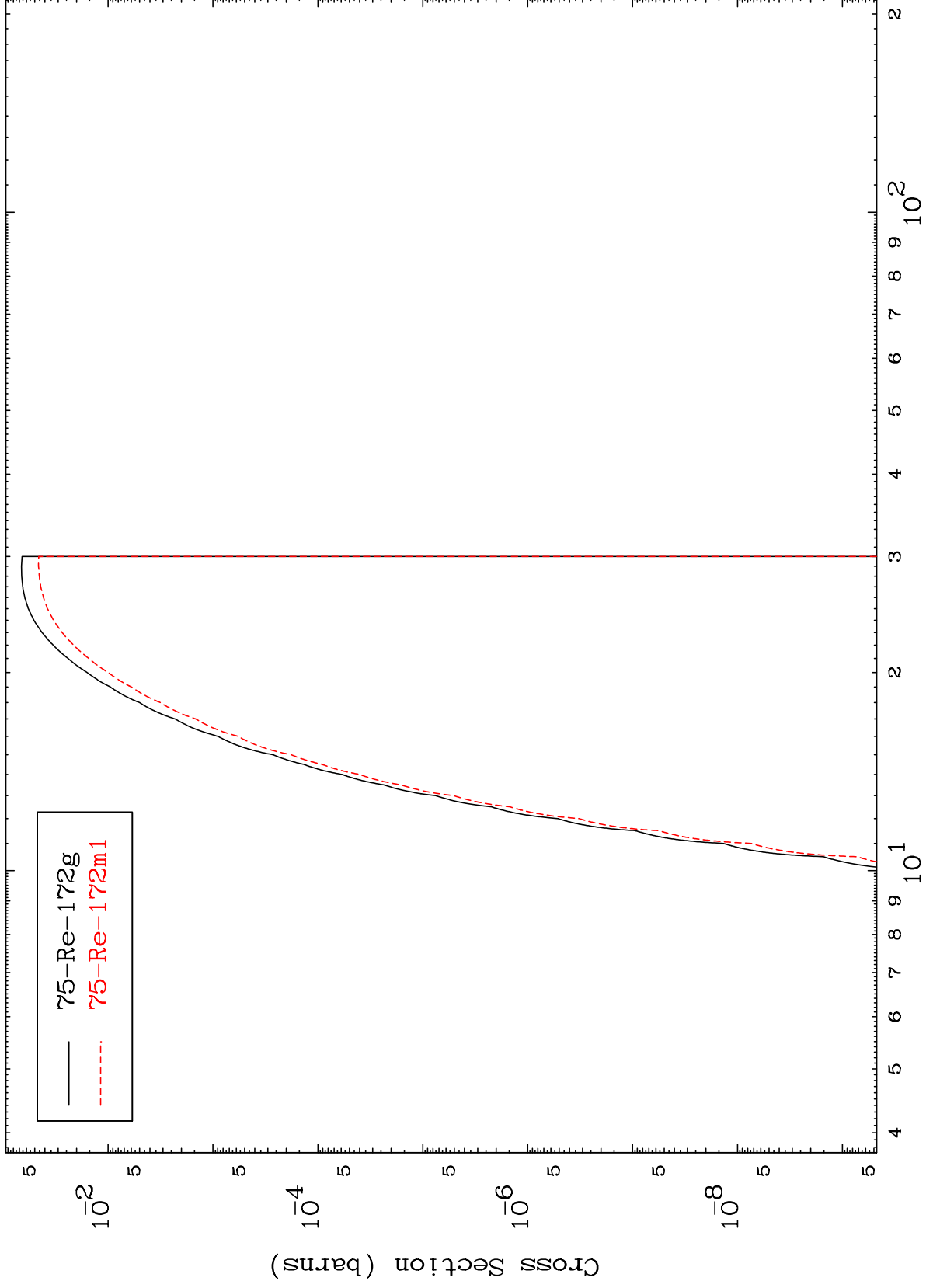
⁷⁷Ir-174

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(n,2n) p

⁷⁷Ir-174

Radionuclide Production Cross Section



93

Incident Energy (MeV)

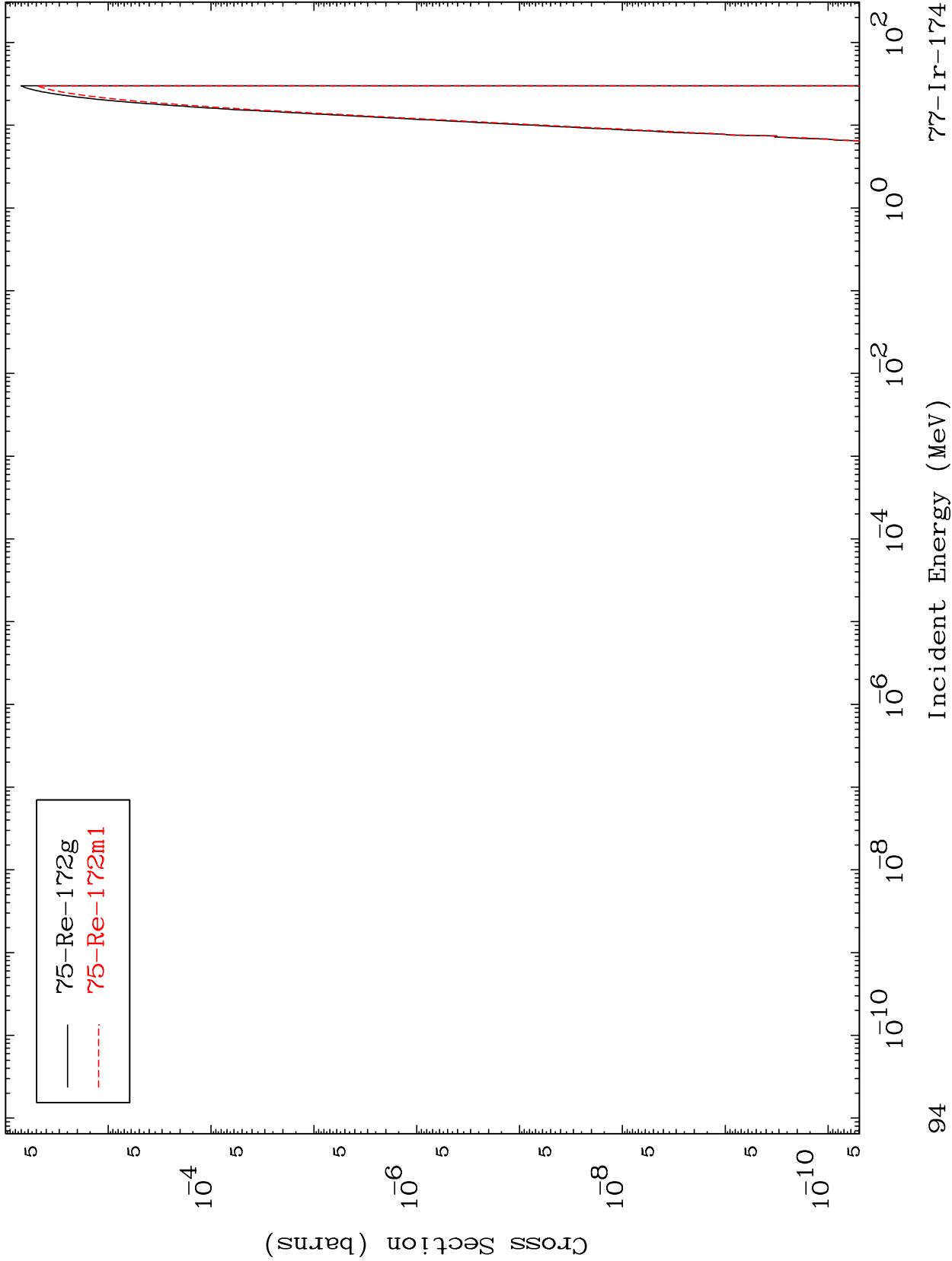
⁷⁷Ir-174

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(n,He-3)

⁷⁷Ir-174

Radionuclide Production Cross Section



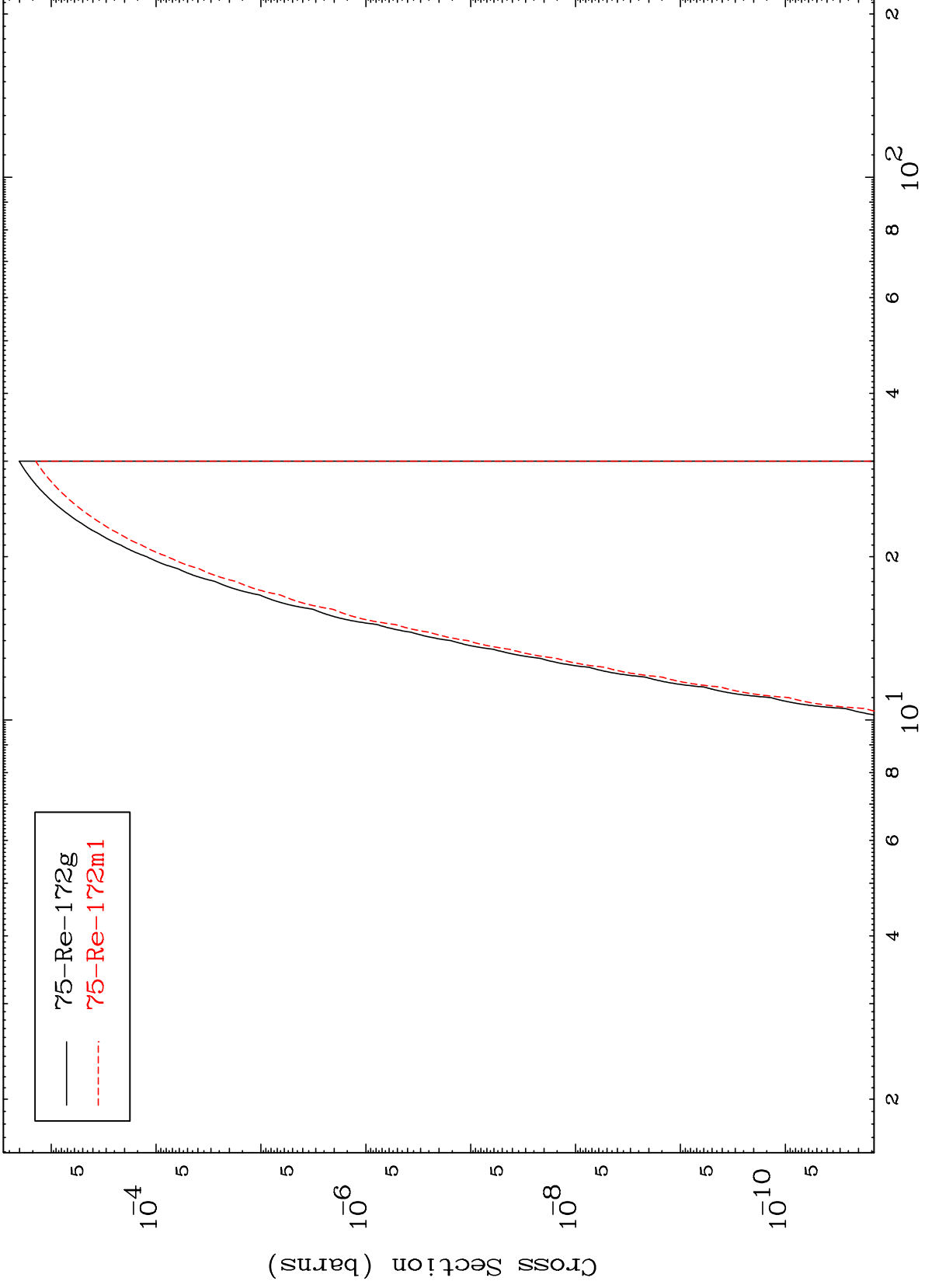
75-Re-172g
75-Re-172m1

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(n,p) d

⁷⁷Ir-174

Radionuclide Production Cross Section



95

Incident Energy (MeV)

⁷⁷Ir-174