

Program EVALPLOT
(Version 2015-2)

by

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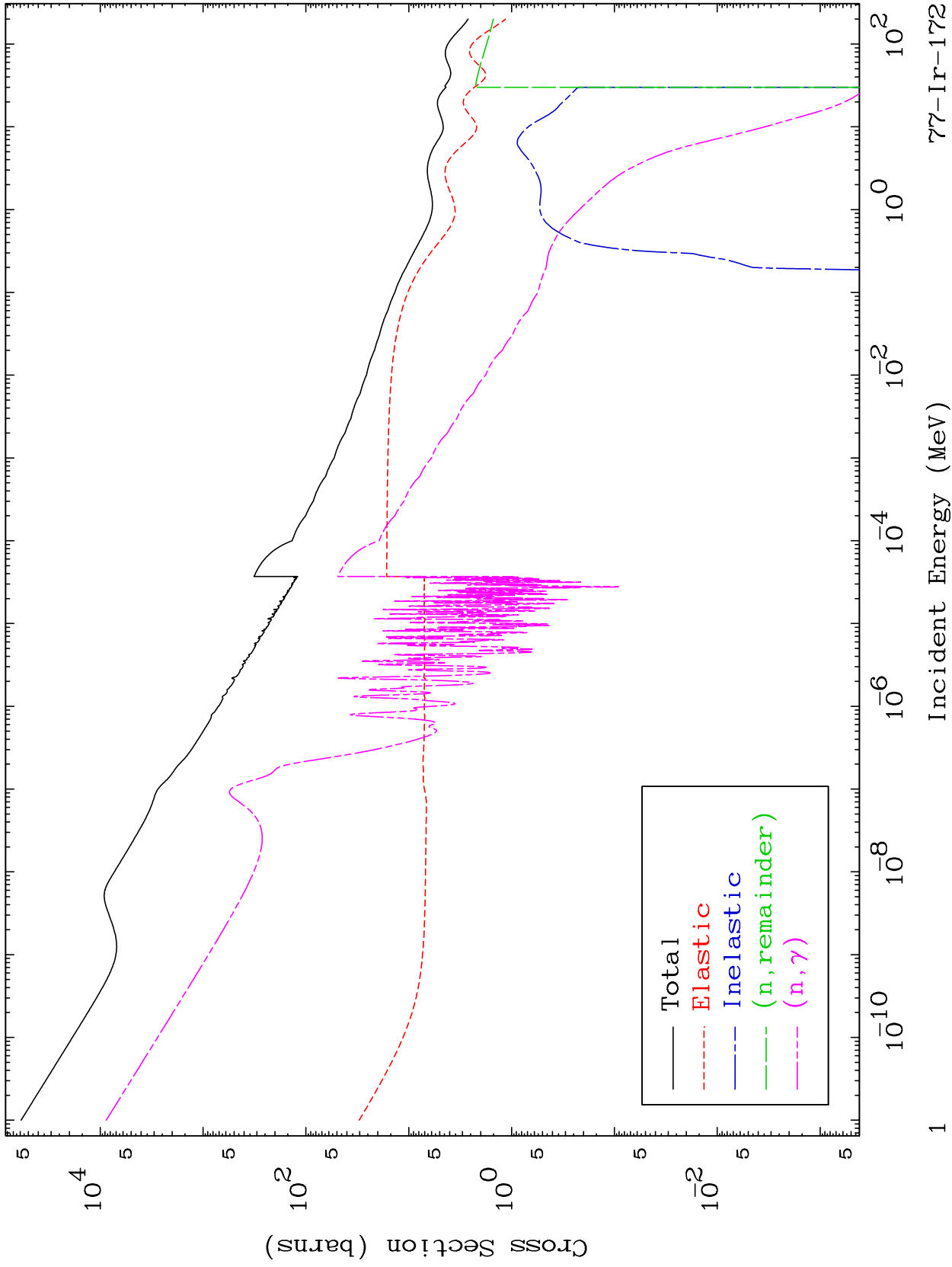
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7668

Major
293 Kelvin Cross Sections

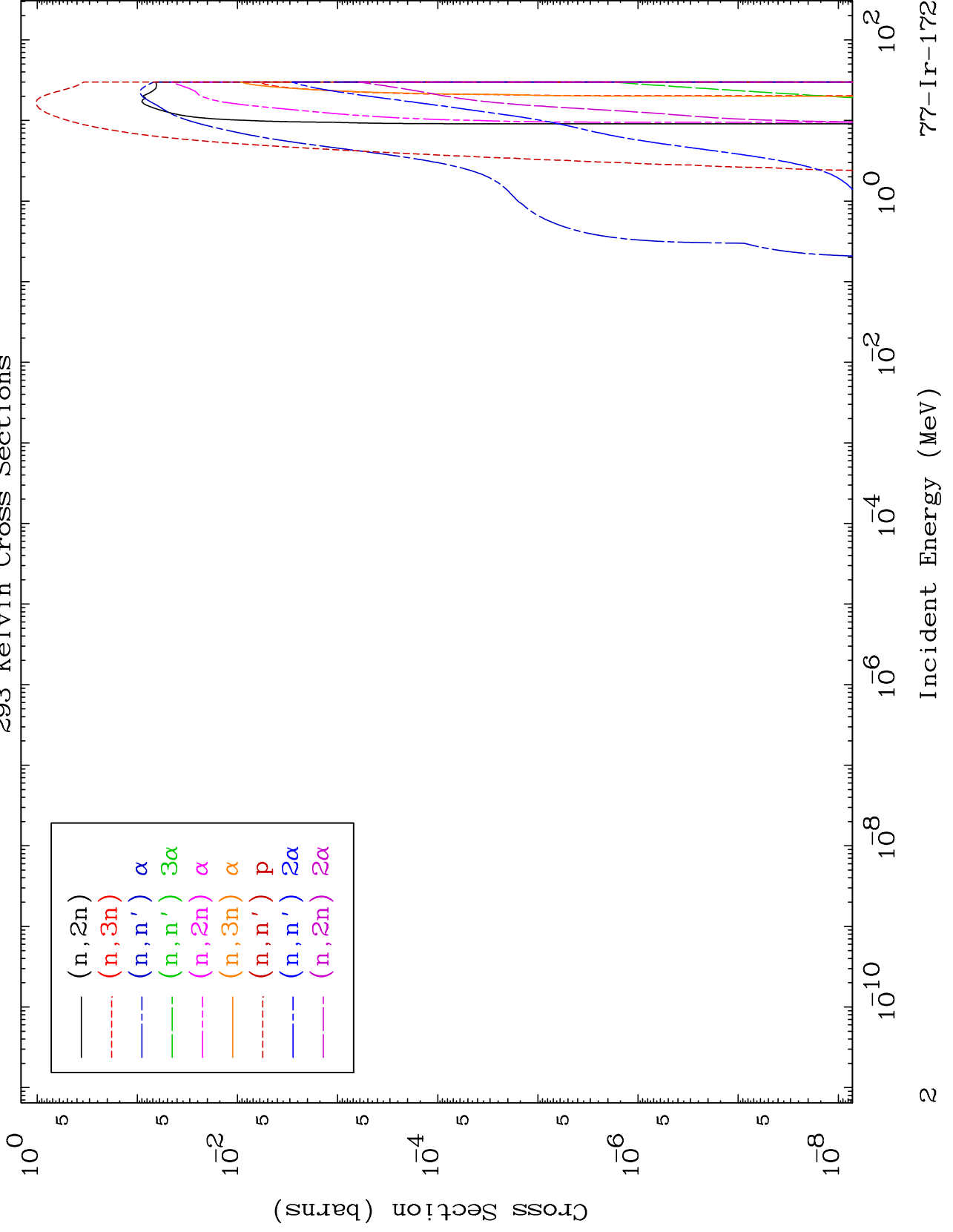
77-Ir-172



MAT 7668

Neutron Production
293 Kelvin Cross Sections

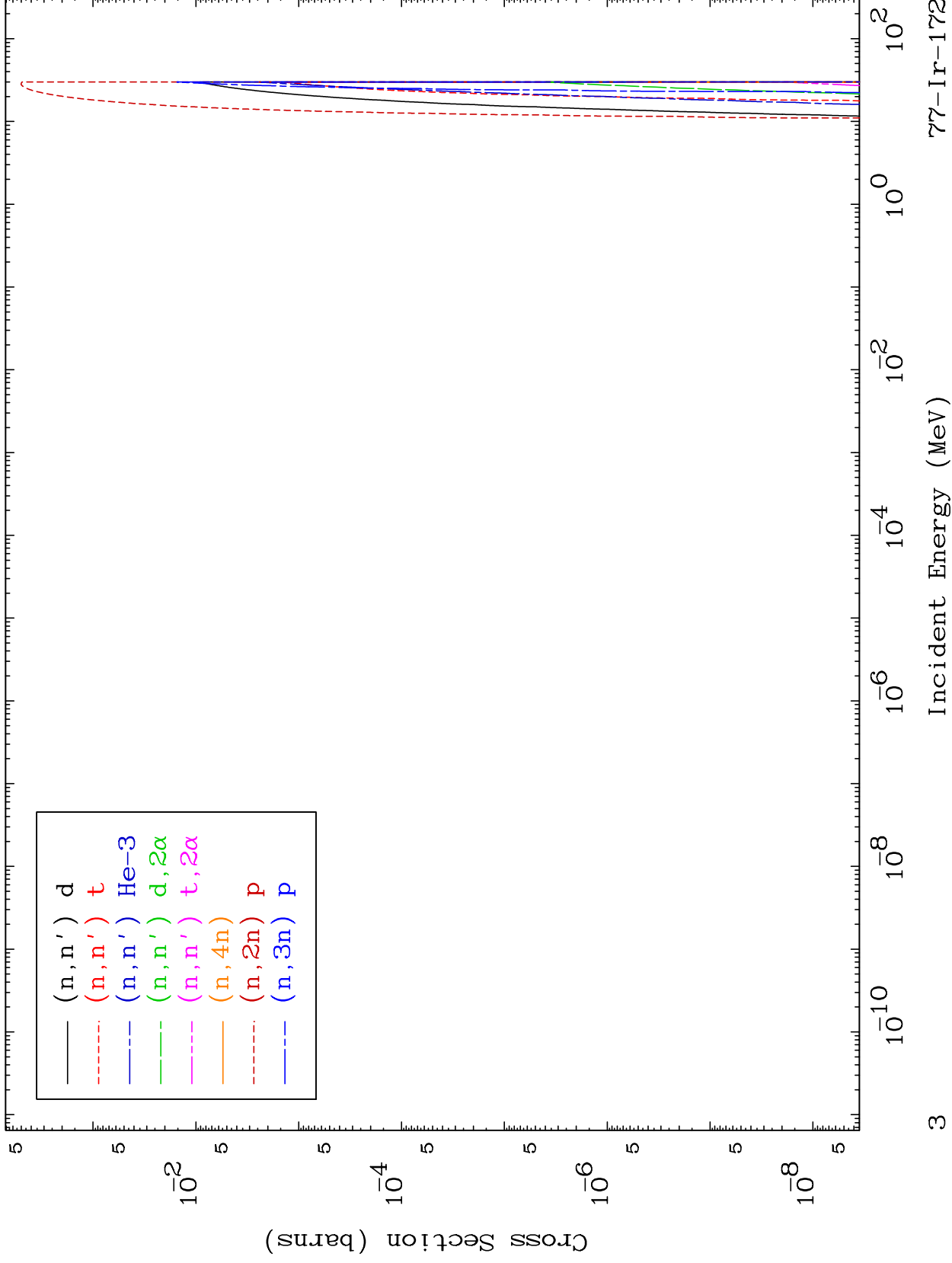
77-Ir-172



MAT 7668

Neutron Production
293 Kelvin Cross Sections

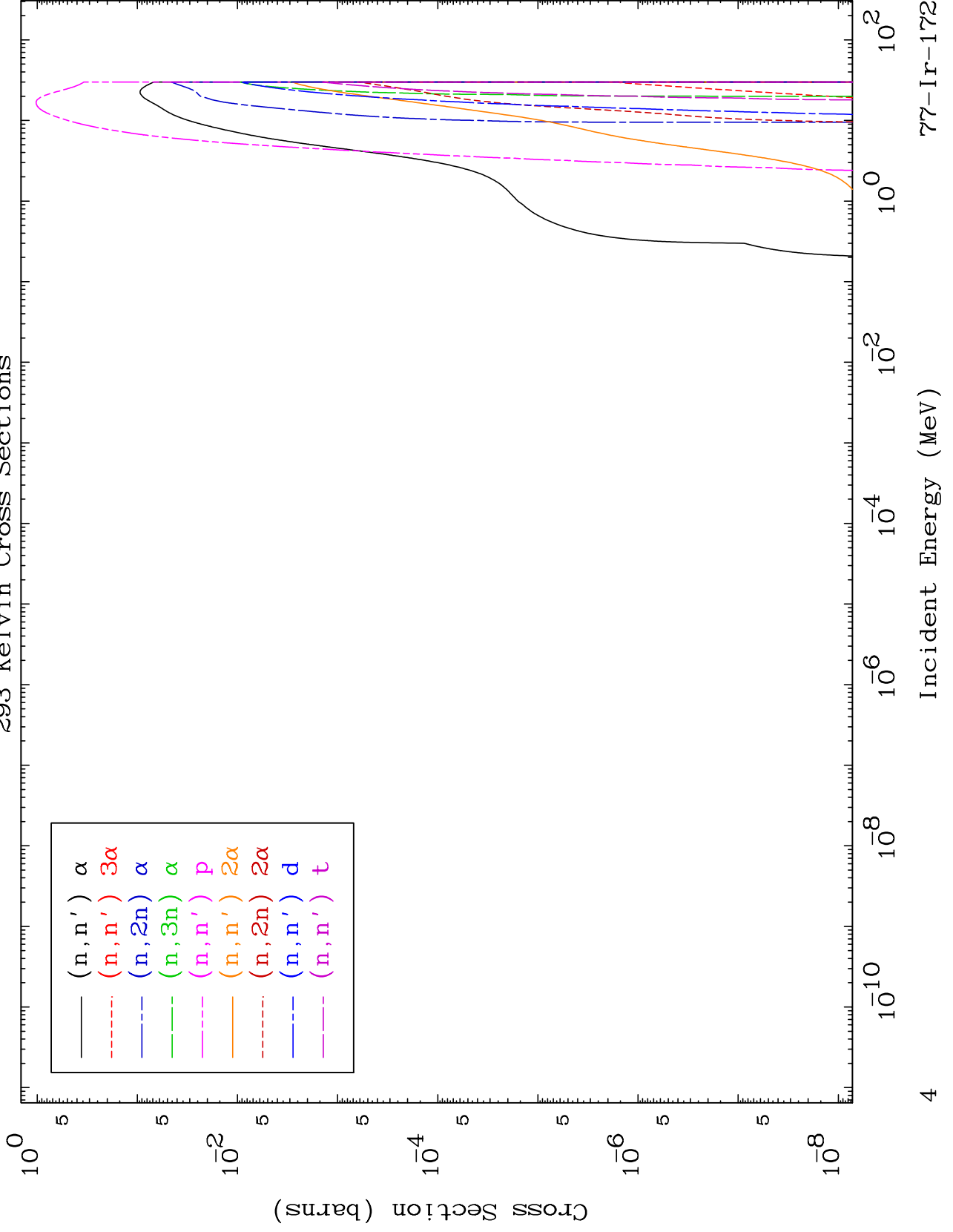
77-Ir-172



MAT 7668

Charged Particle
293 Kelvin Cross Sections

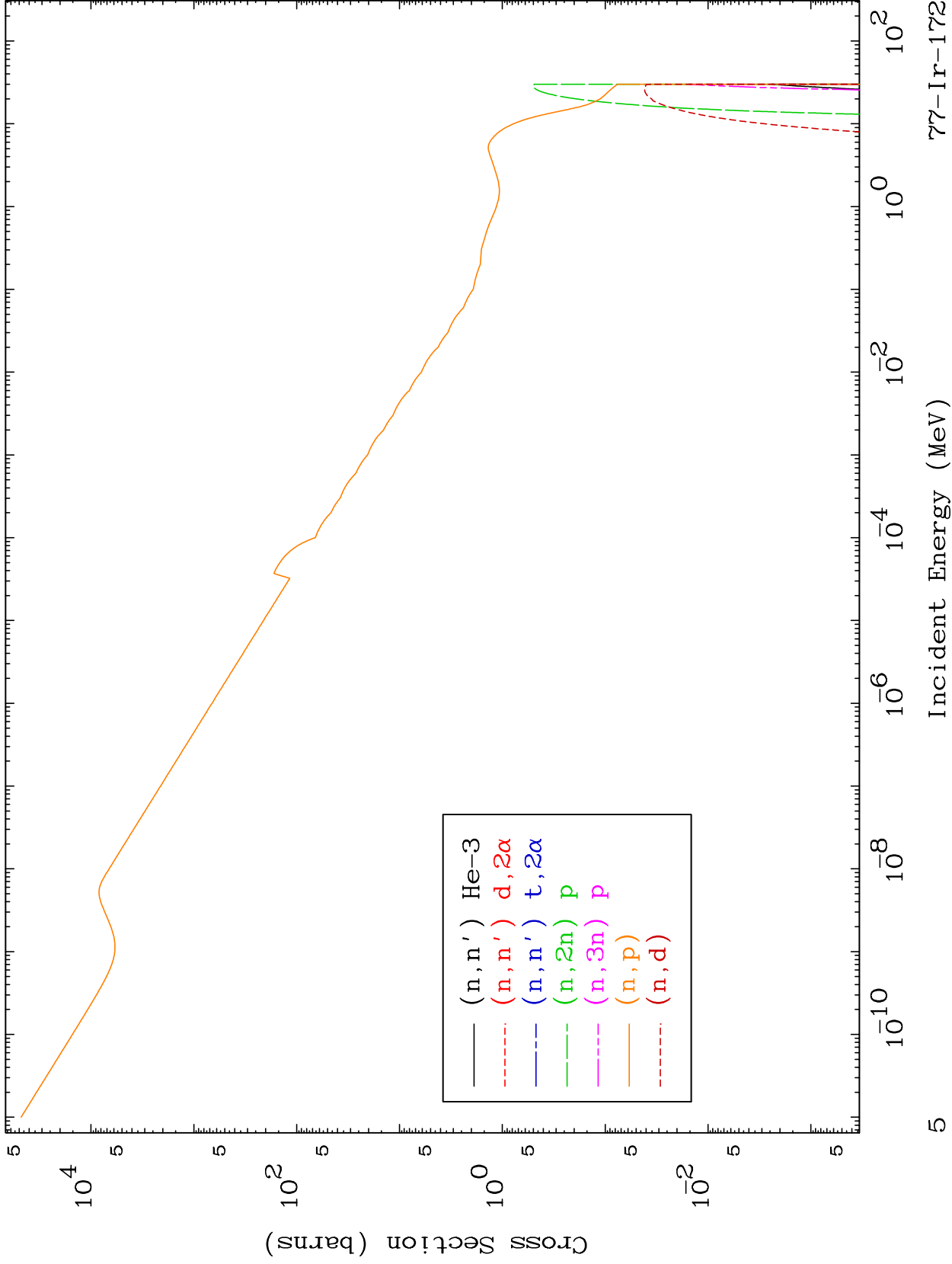
77-Ir-172

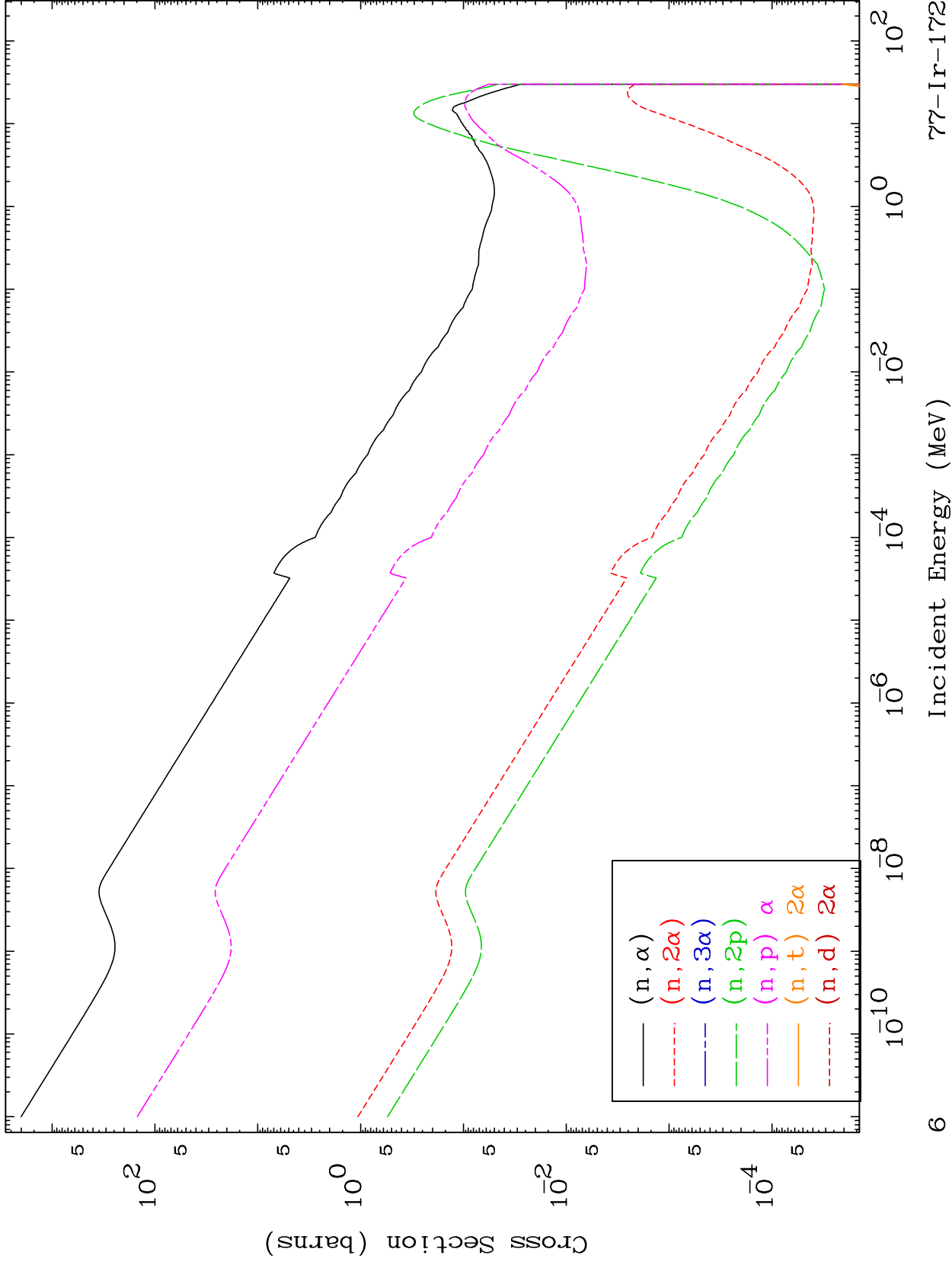


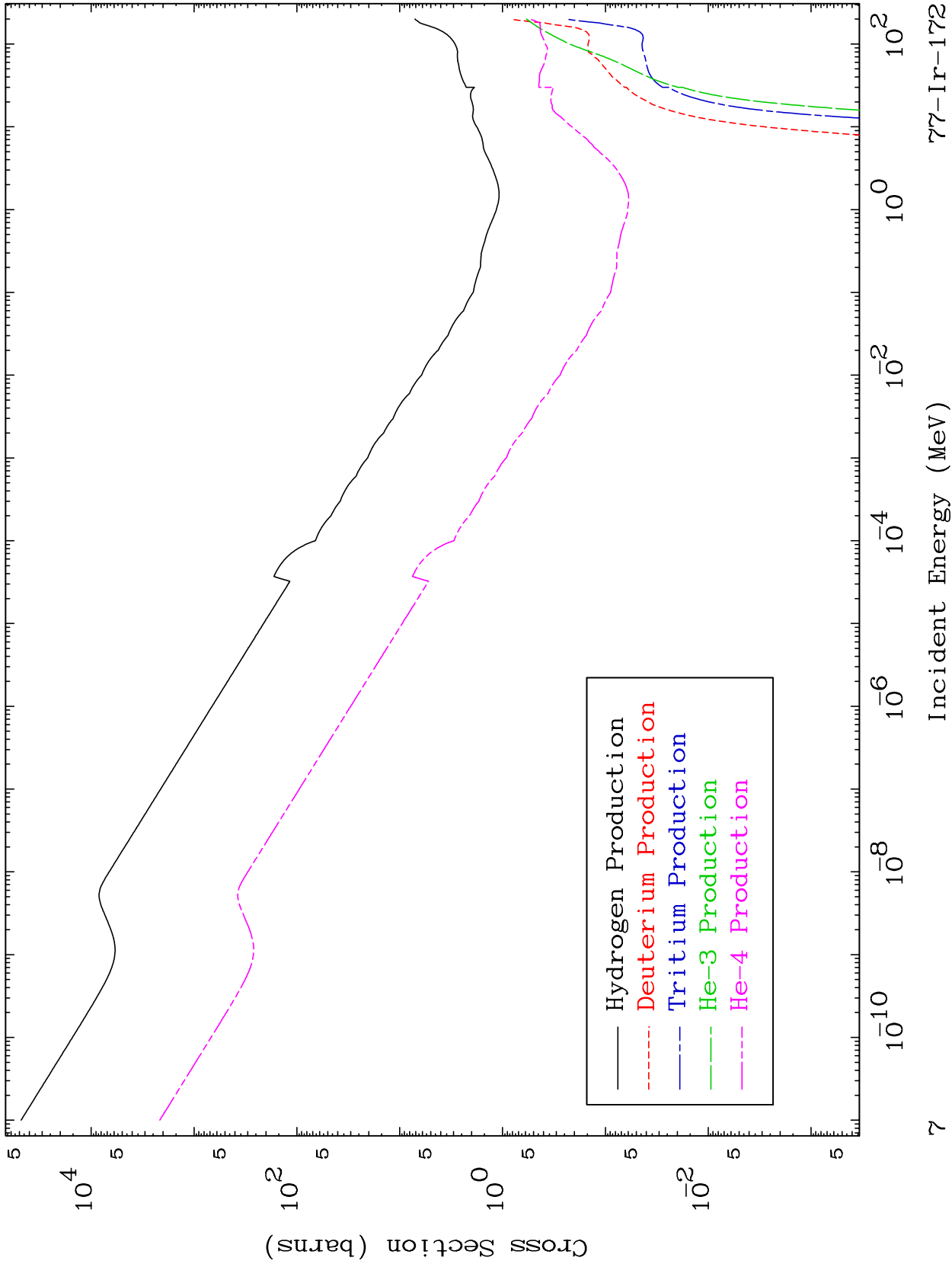
MAT 7668

Charged Particle
293 Kelvin Cross Sections

77-Ir-172



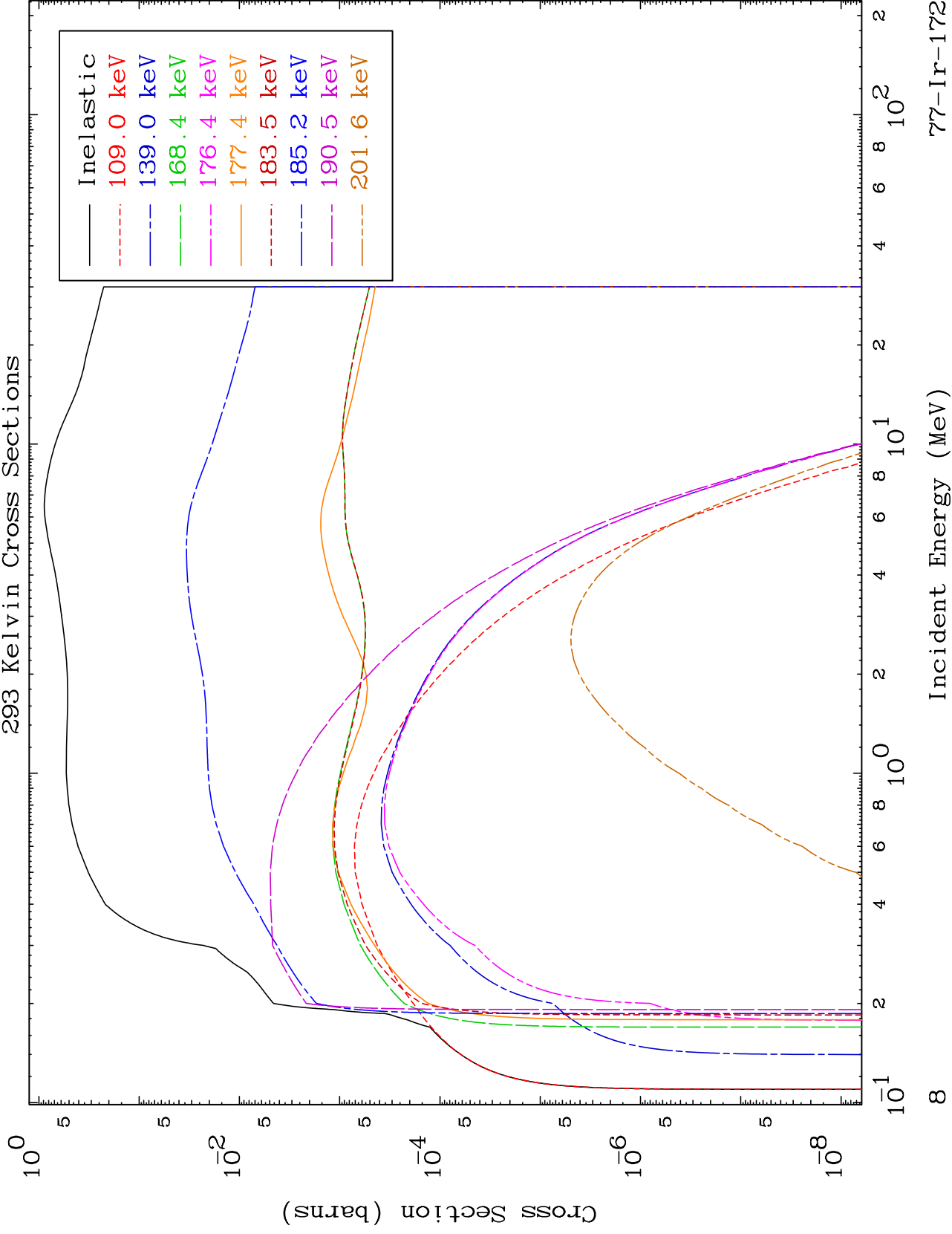




MAT 7668

(n,n') Level
293 Kelvin Cross Sections

77-Ir-172



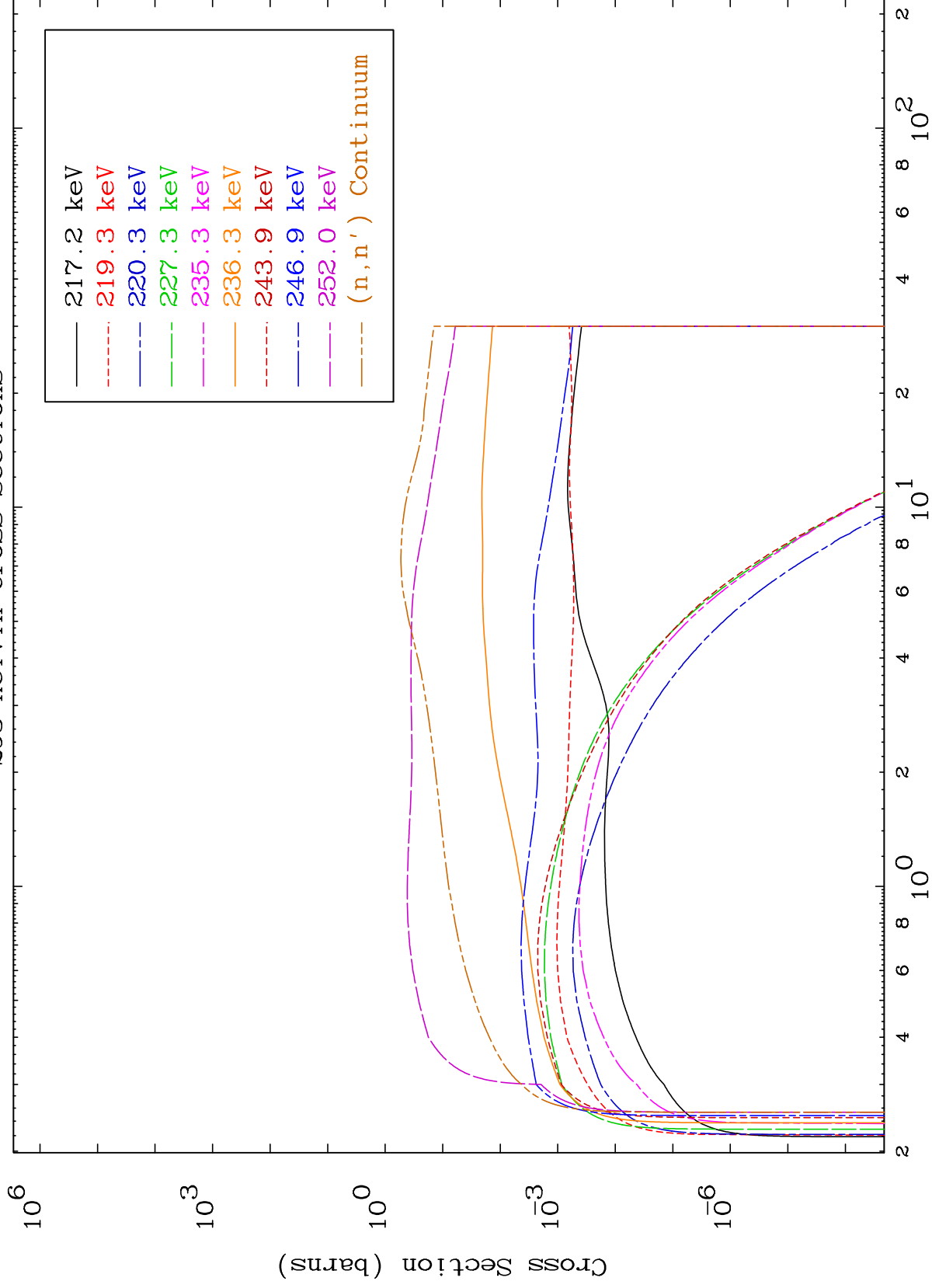
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,n') Level
293 Kelvin Cross Sections

77-Ir-172



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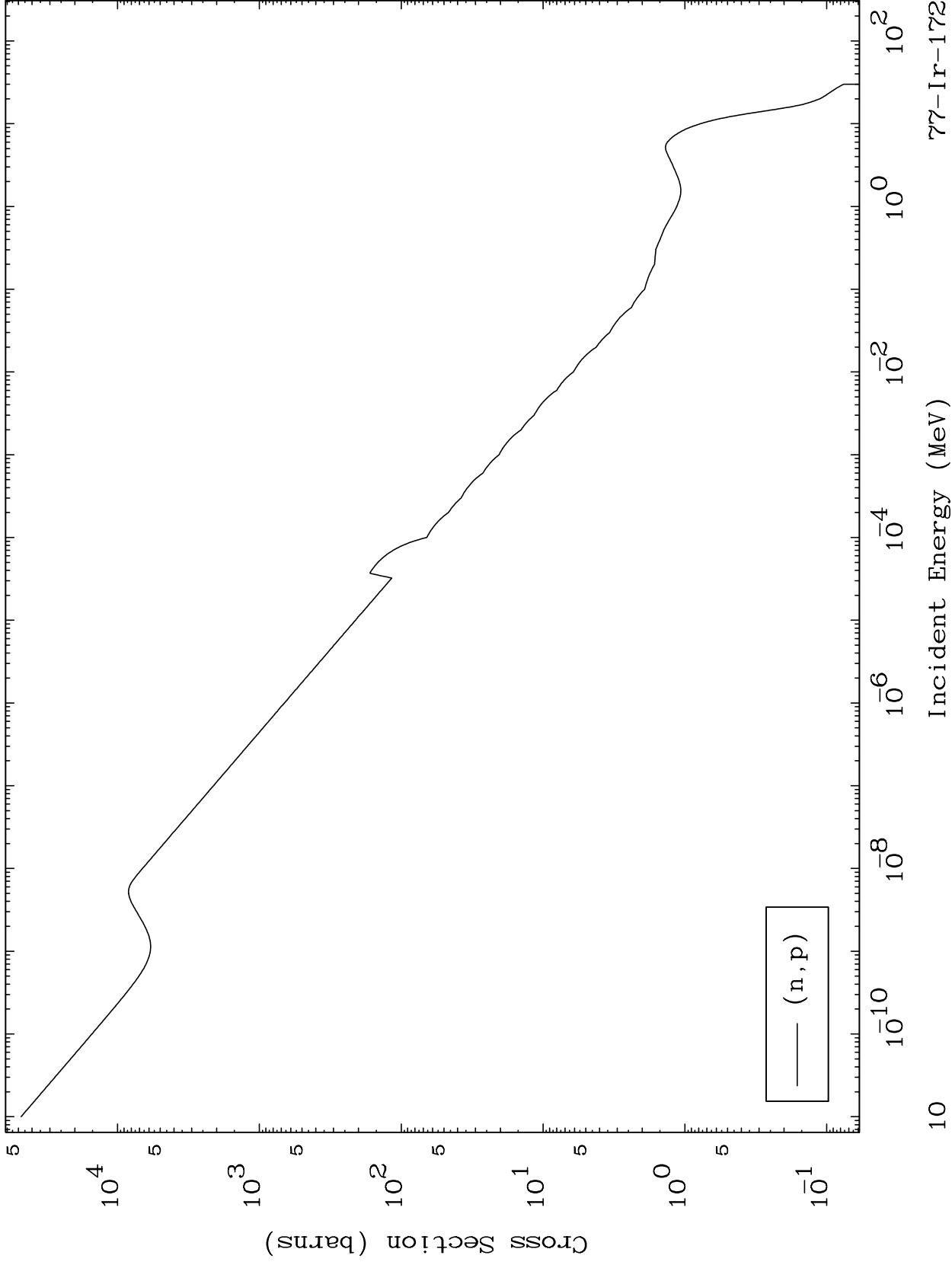
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,p) Levels
293 Kelvin Cross Sections

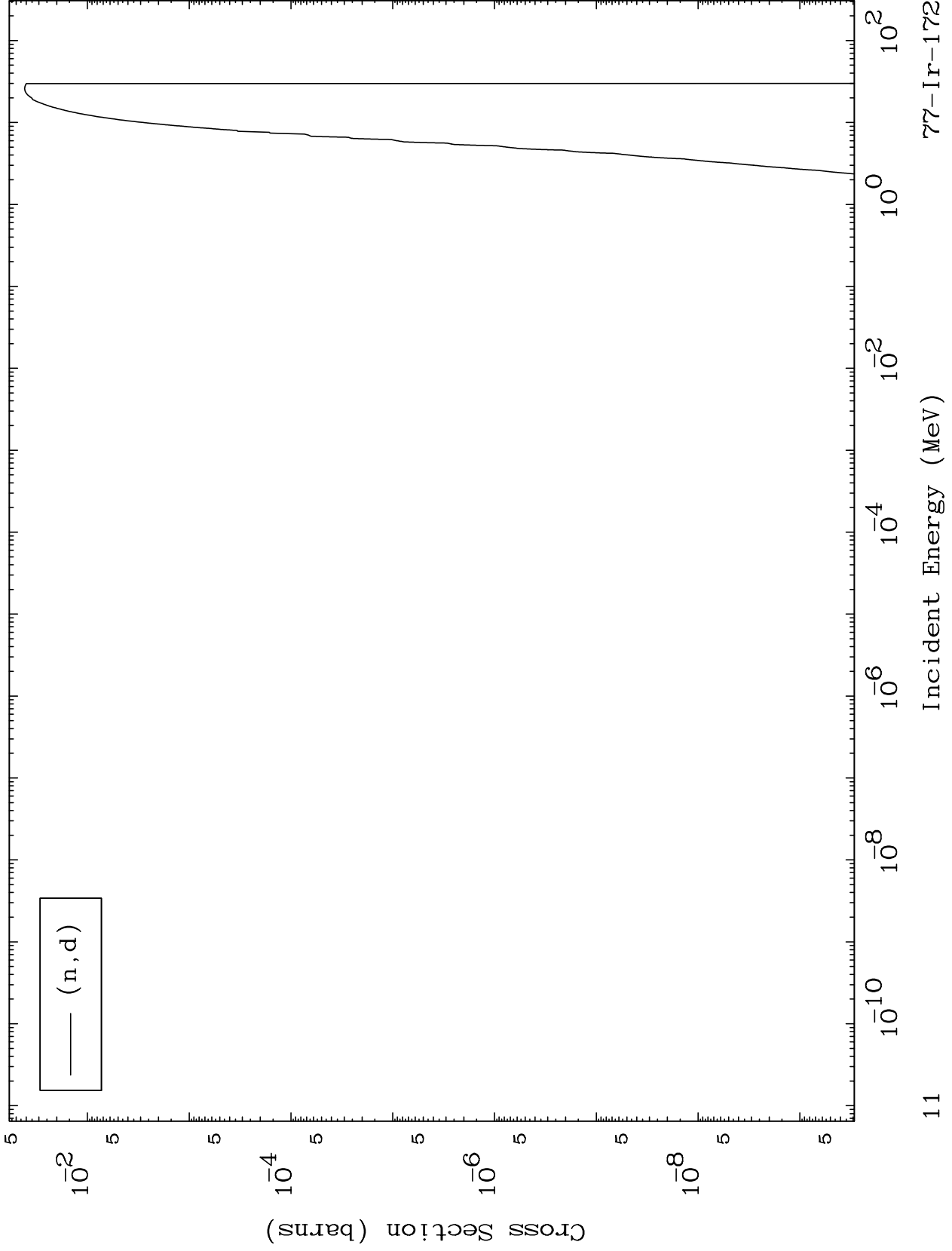
77-Ir-172



MAT 7668

(n,d) Levels
293 Kelvin Cross Sections

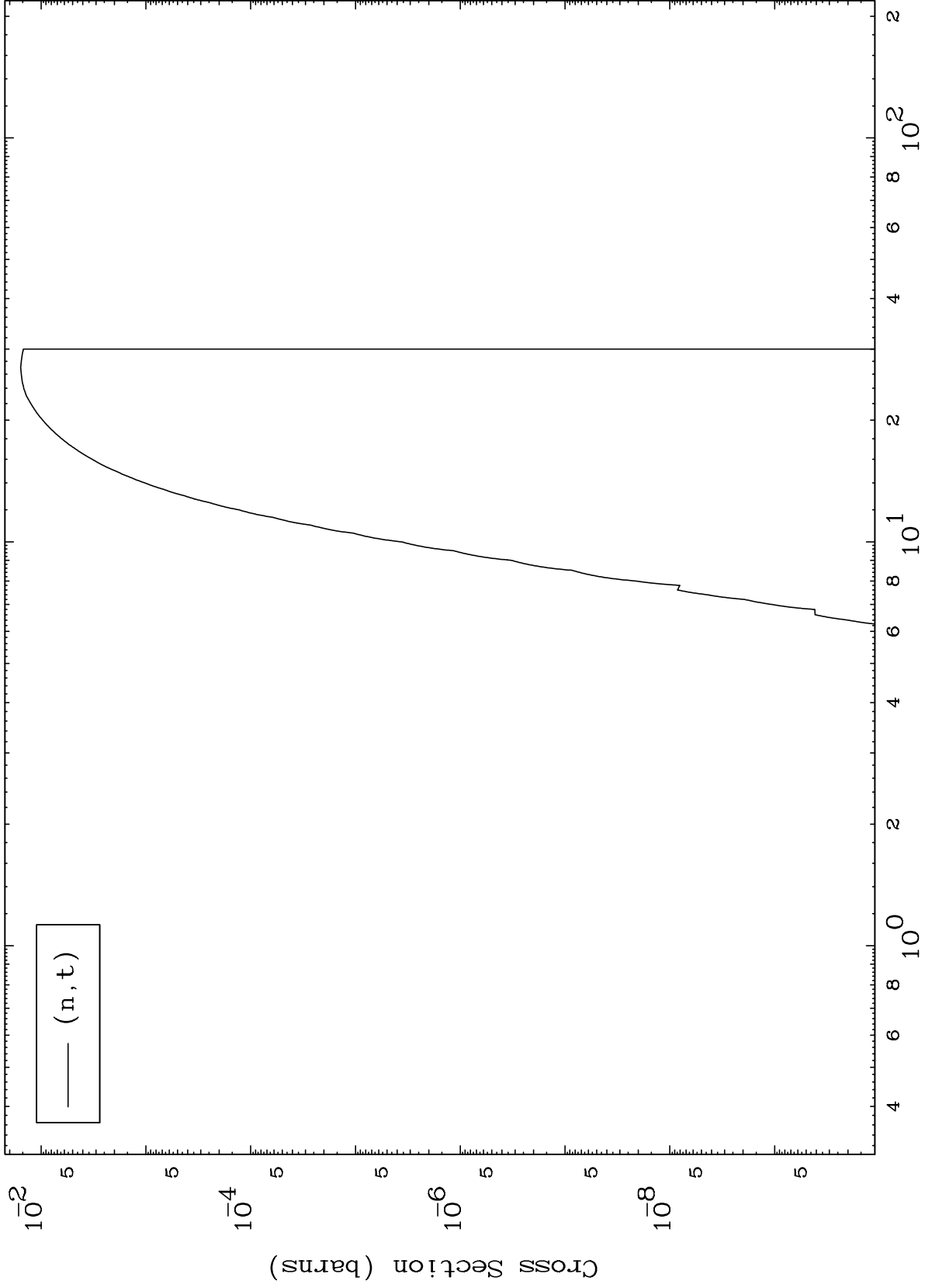
77-Ir-172



MAT 7668

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-172



12

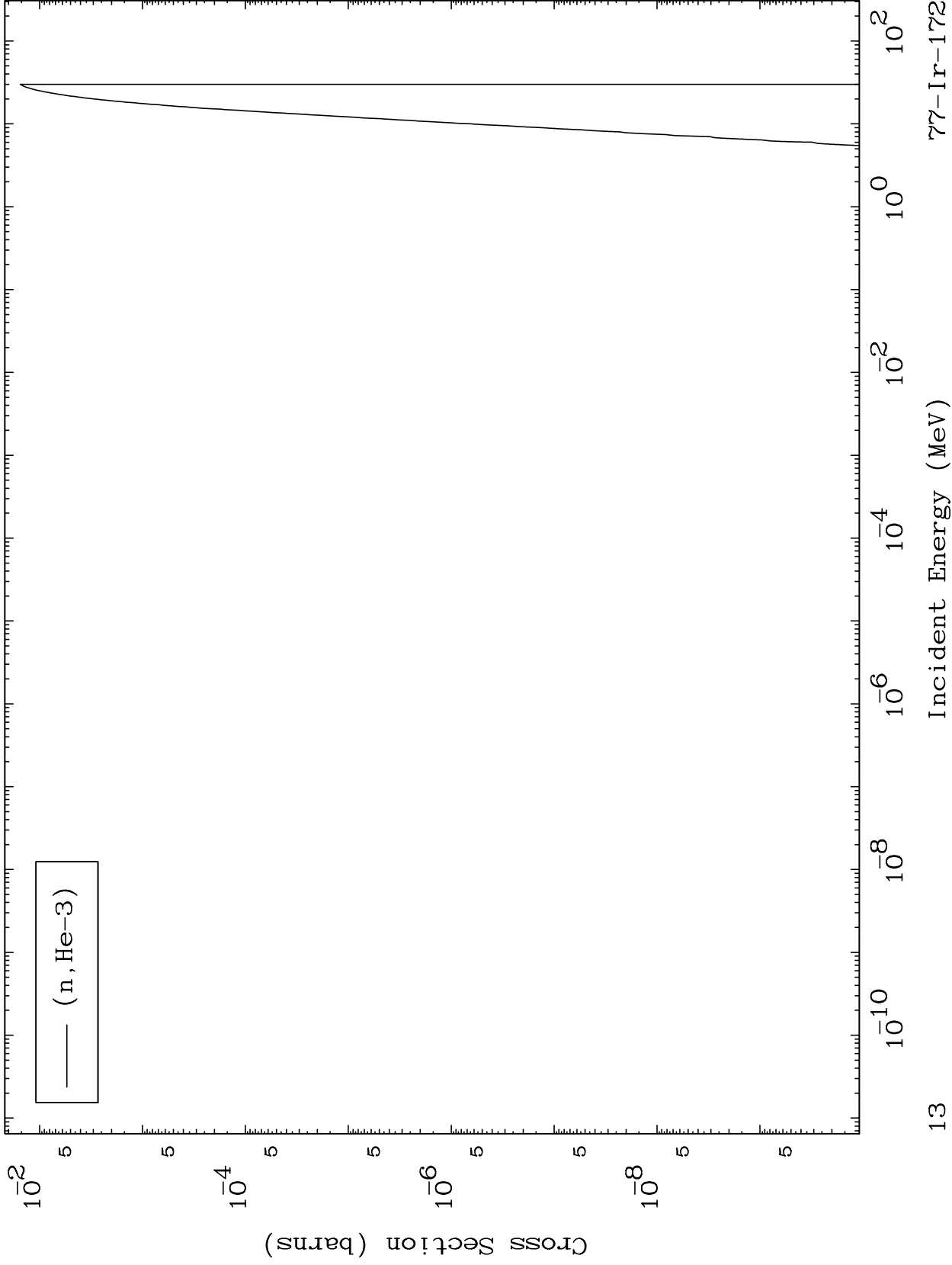
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,He3) Levels
293 Kelvin Cross Sections

⁷⁷Ir-172



13

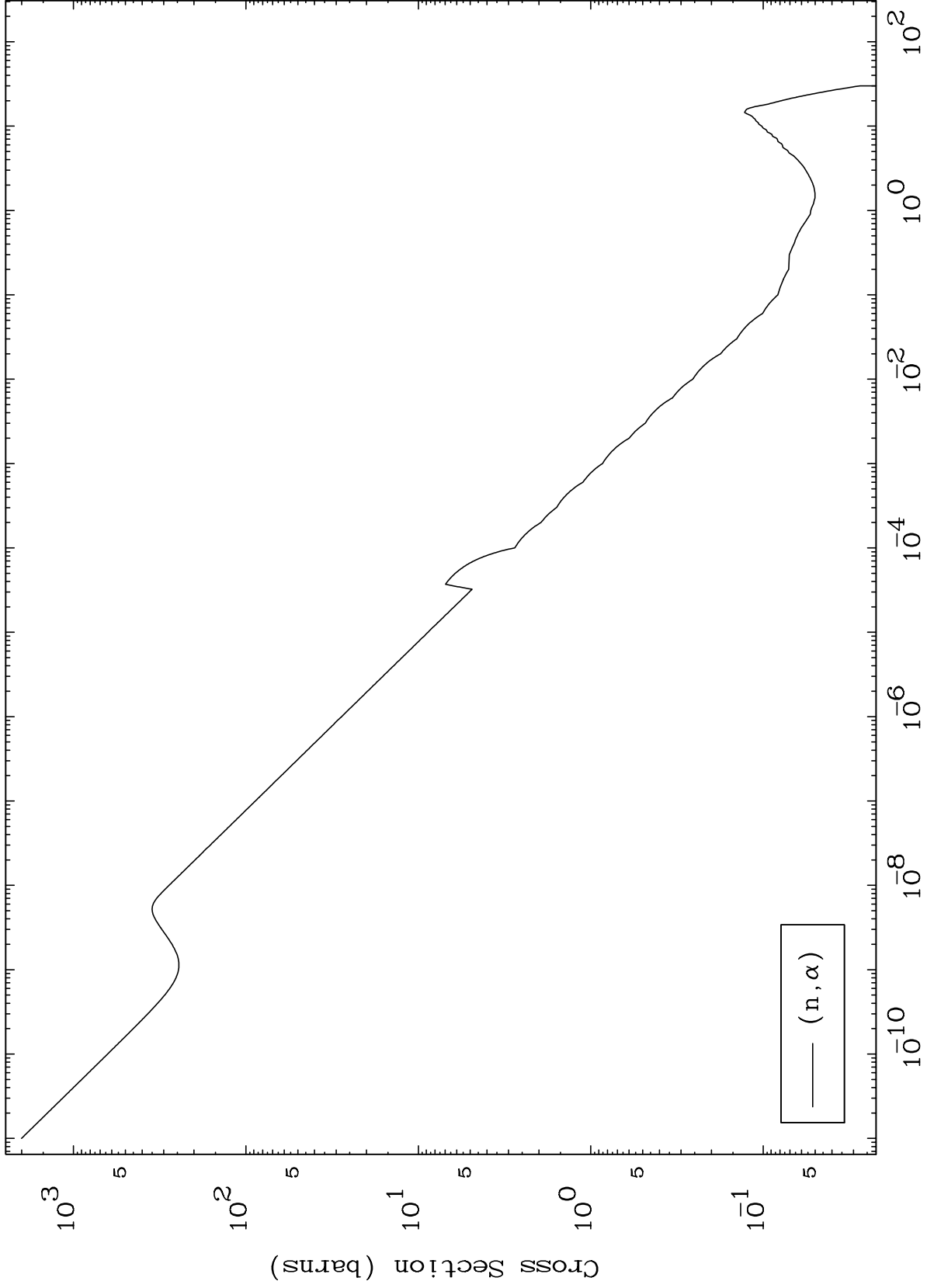
Incident Energy (MeV)

⁷⁷Ir-172

MAT 7668

(n,α) Levels
293 Kelvin Cross Sections

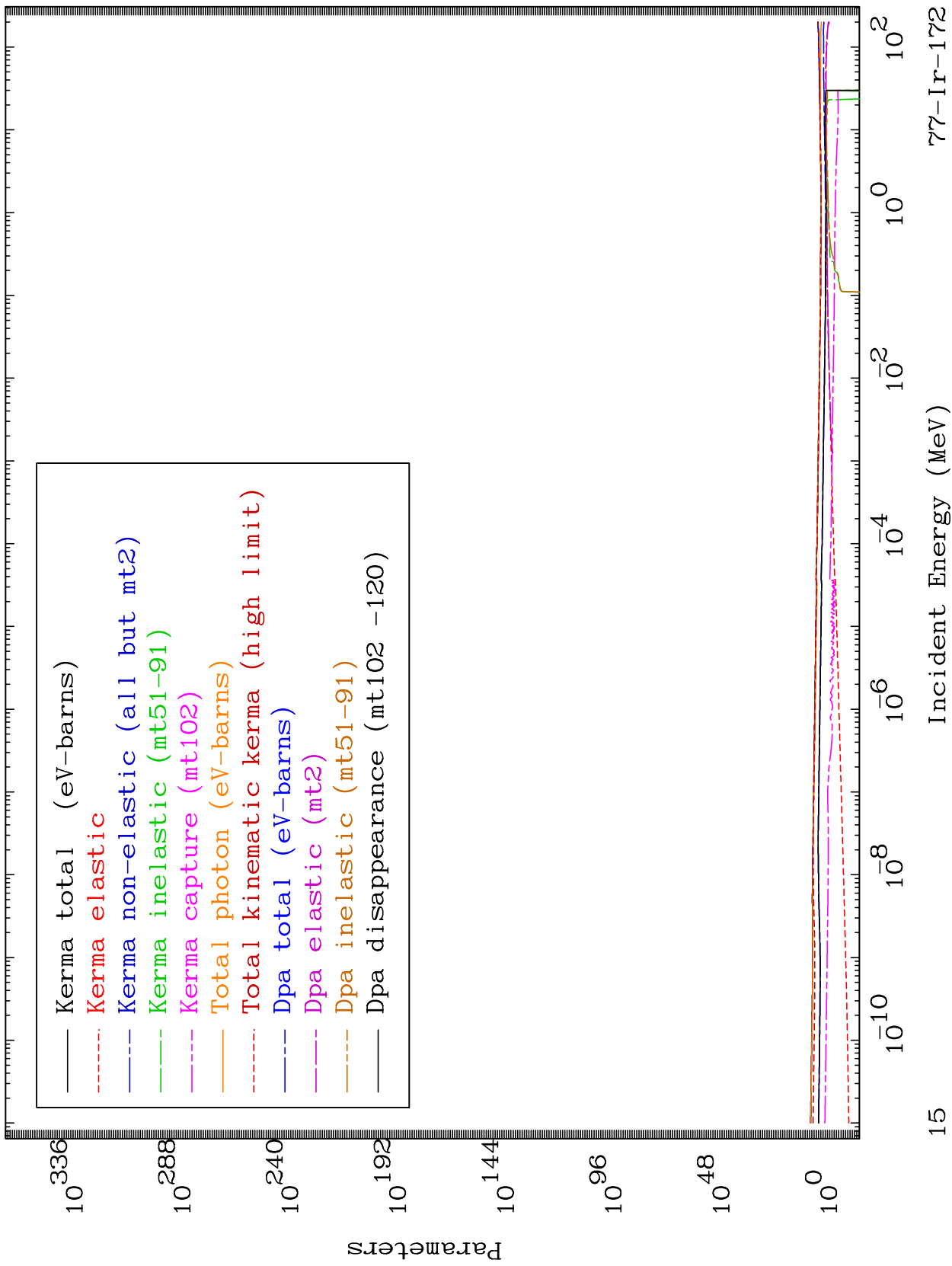
77-Ir-172



14

Incident Energy (MeV)

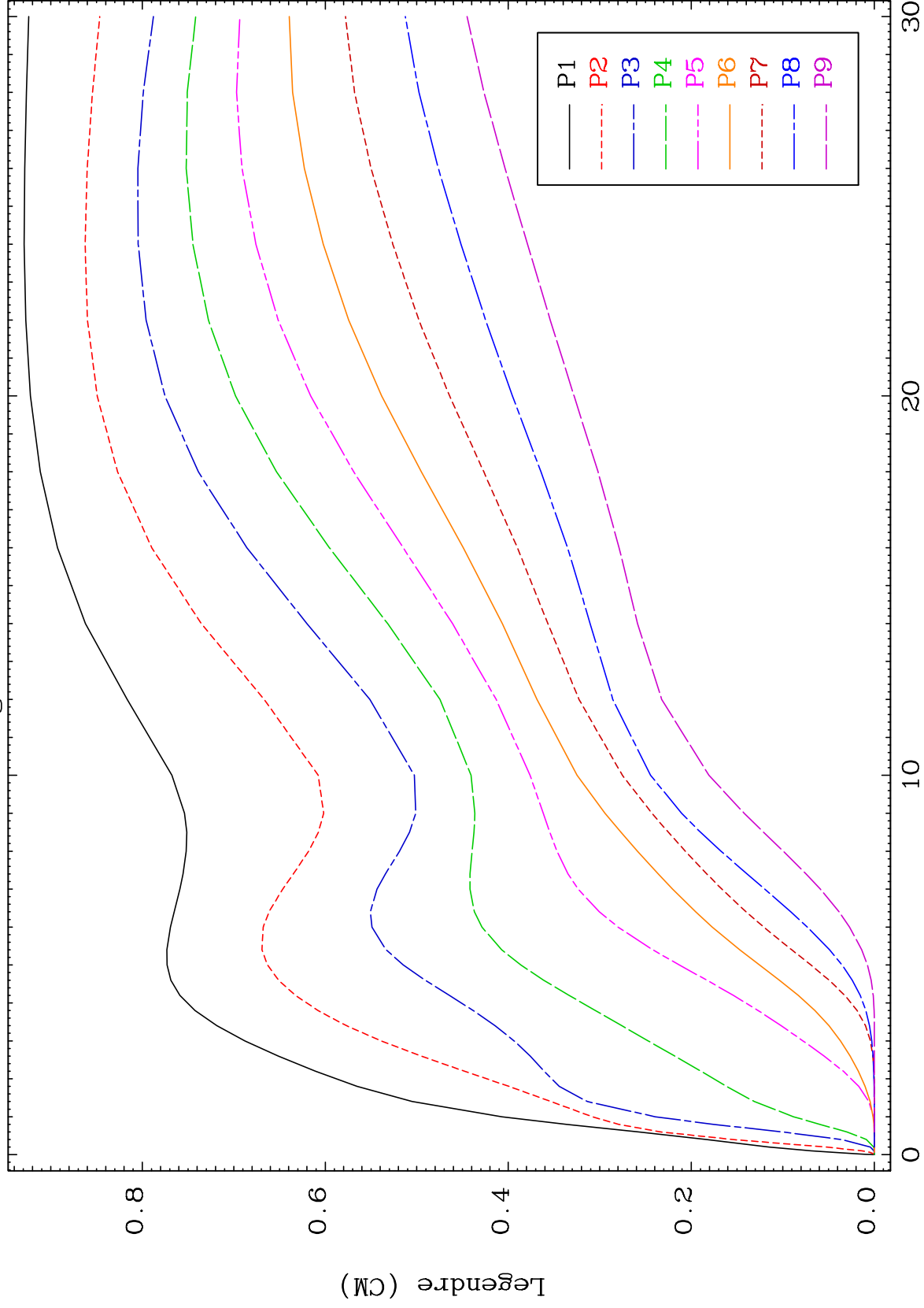
77-Ir-172



MAT 7668

Elastic Legendre Coefficients

77-Ir-172



16

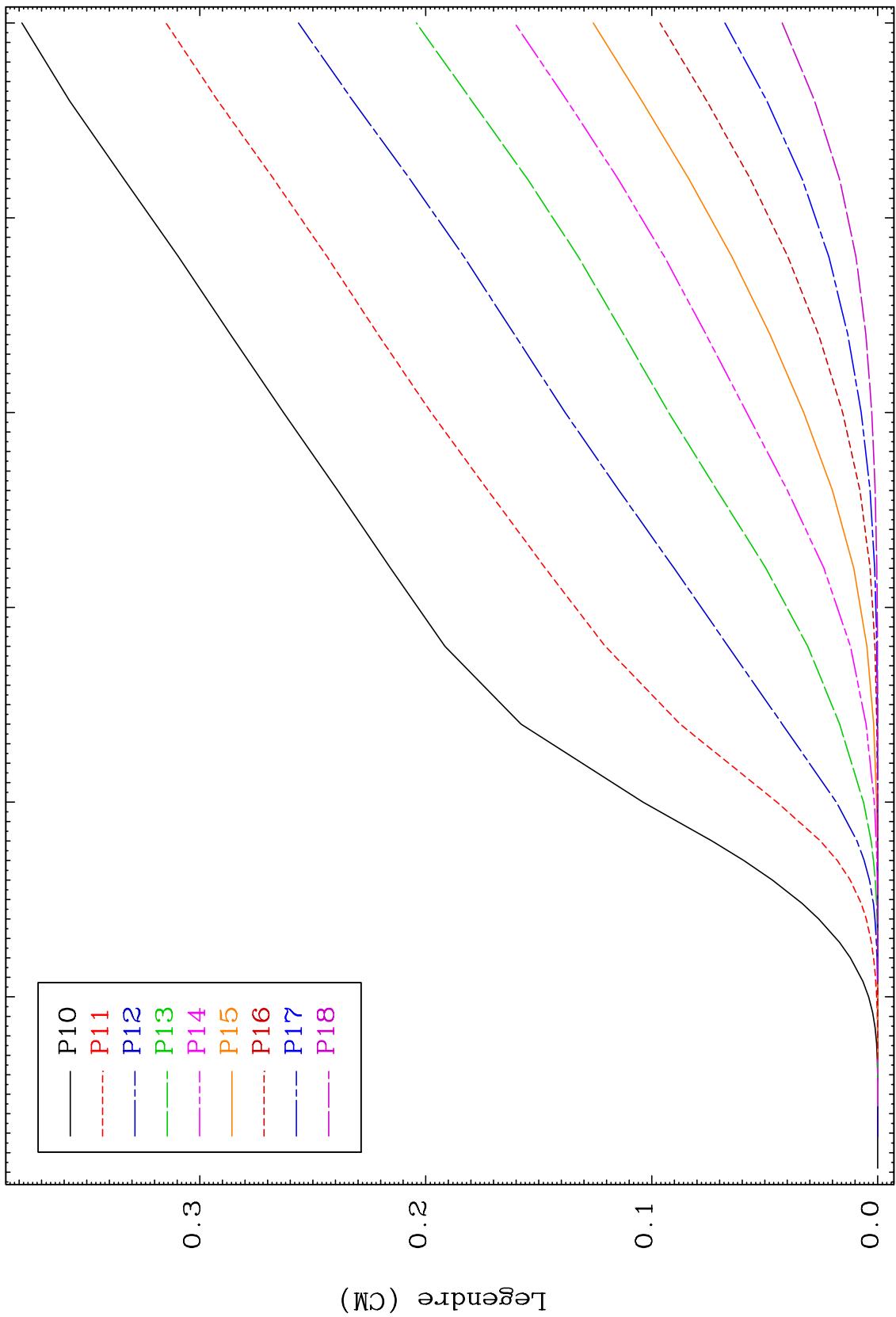
Incident Energy (MeV)

77-Ir-172

MAT 7668

Elastic Legendre Coefficients

⁷⁷Ir-172



17

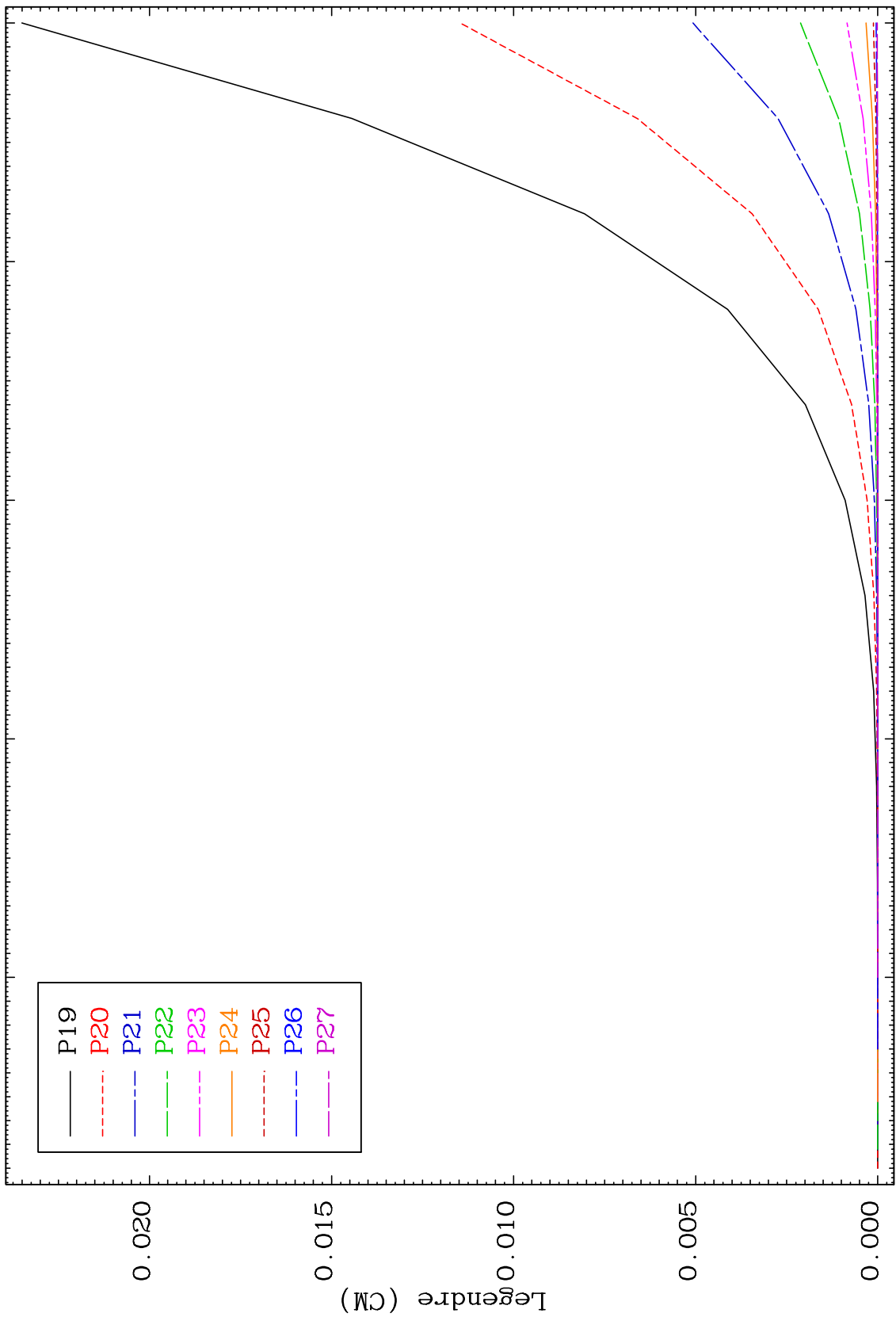
Incident Energy (MeV)

⁷⁷Ir-172

MAT 7668

Elastic Legendre Coefficients

77-Ir-172



18

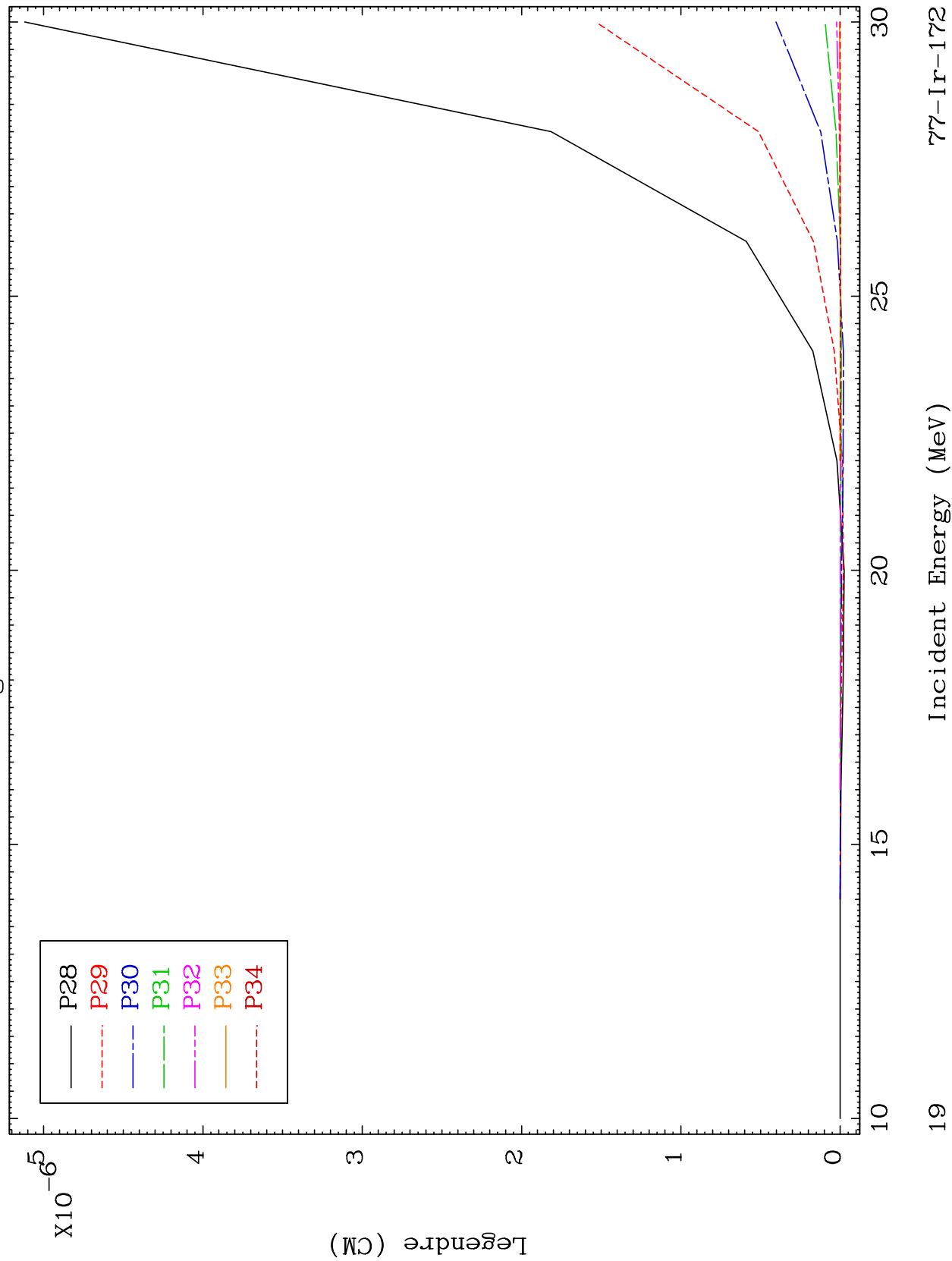
Incident Energy (MeV)

77-Ir-172

MAT 7668

Elastic Legendre Coefficients

⁷⁷Ir-172



19

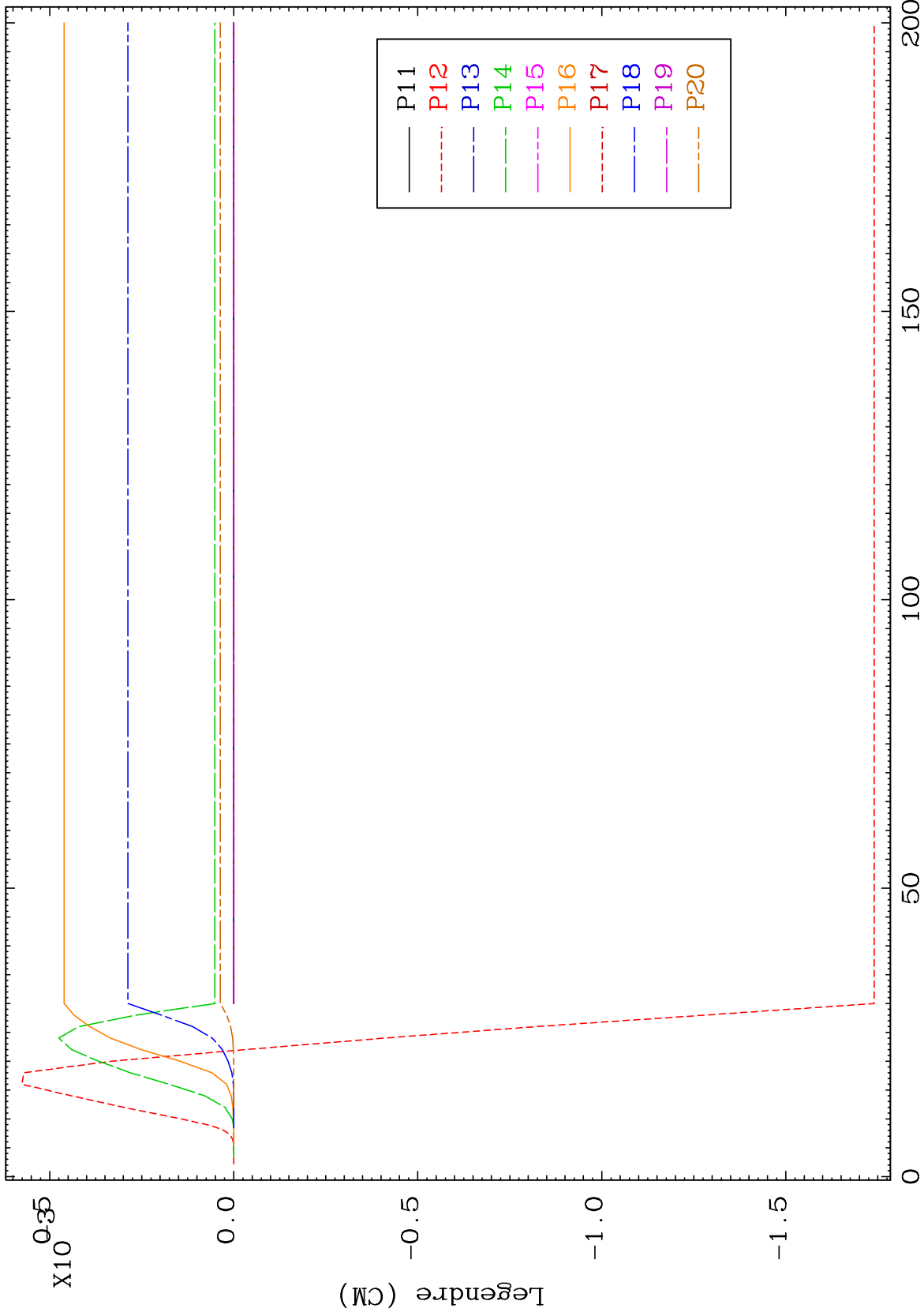
Incident Energy (MeV)

⁷⁷Ir-172

MAT 7668

109.0 keV (n,n') Level
Legendre Coefficients

77-Ir-172



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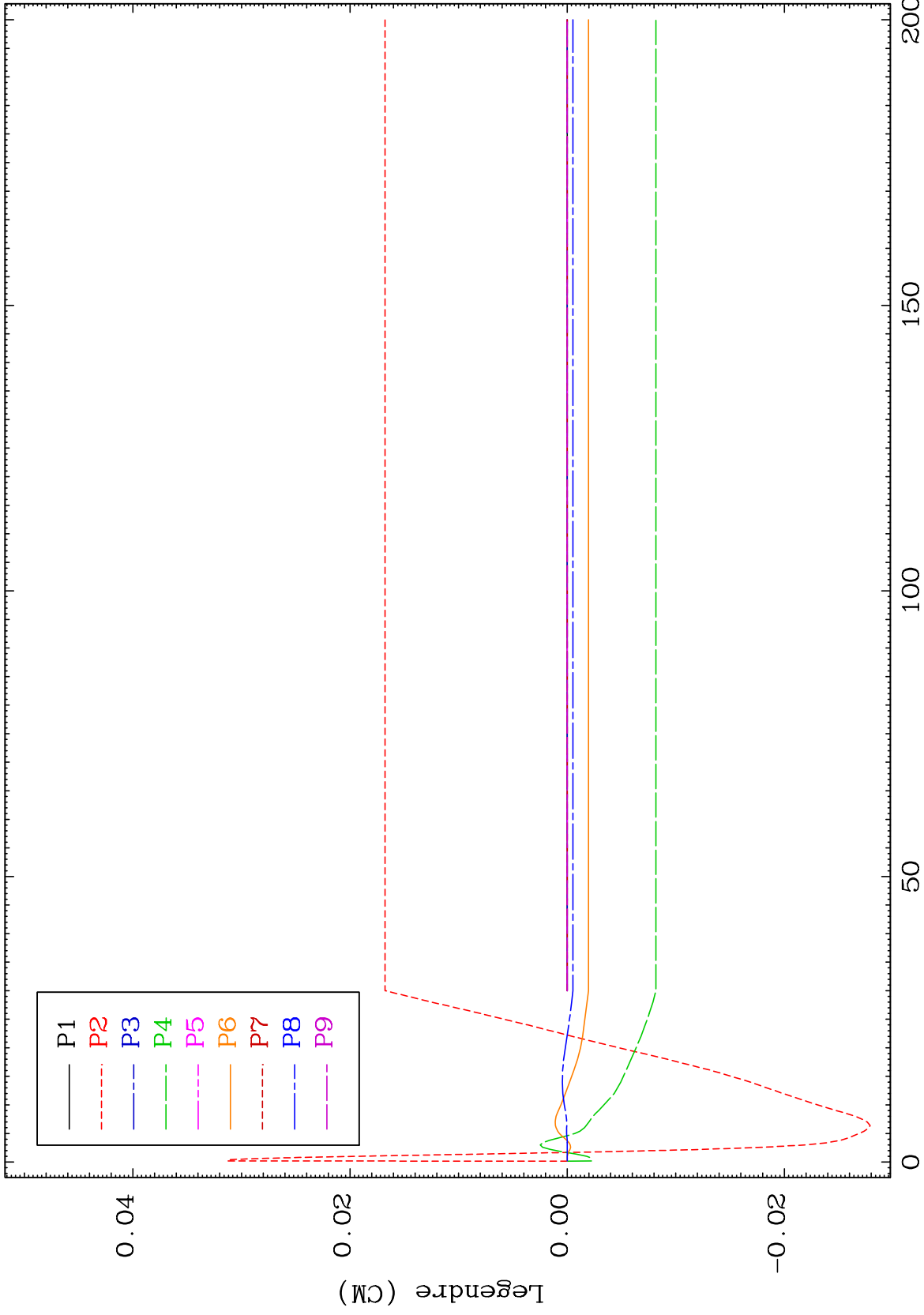
Incident Energy (MeV)

77-Ir-172

MAT 7668

139.0 keV (n,n') Level
Legendre Coefficients

77-Ir-172



77-Ir-172

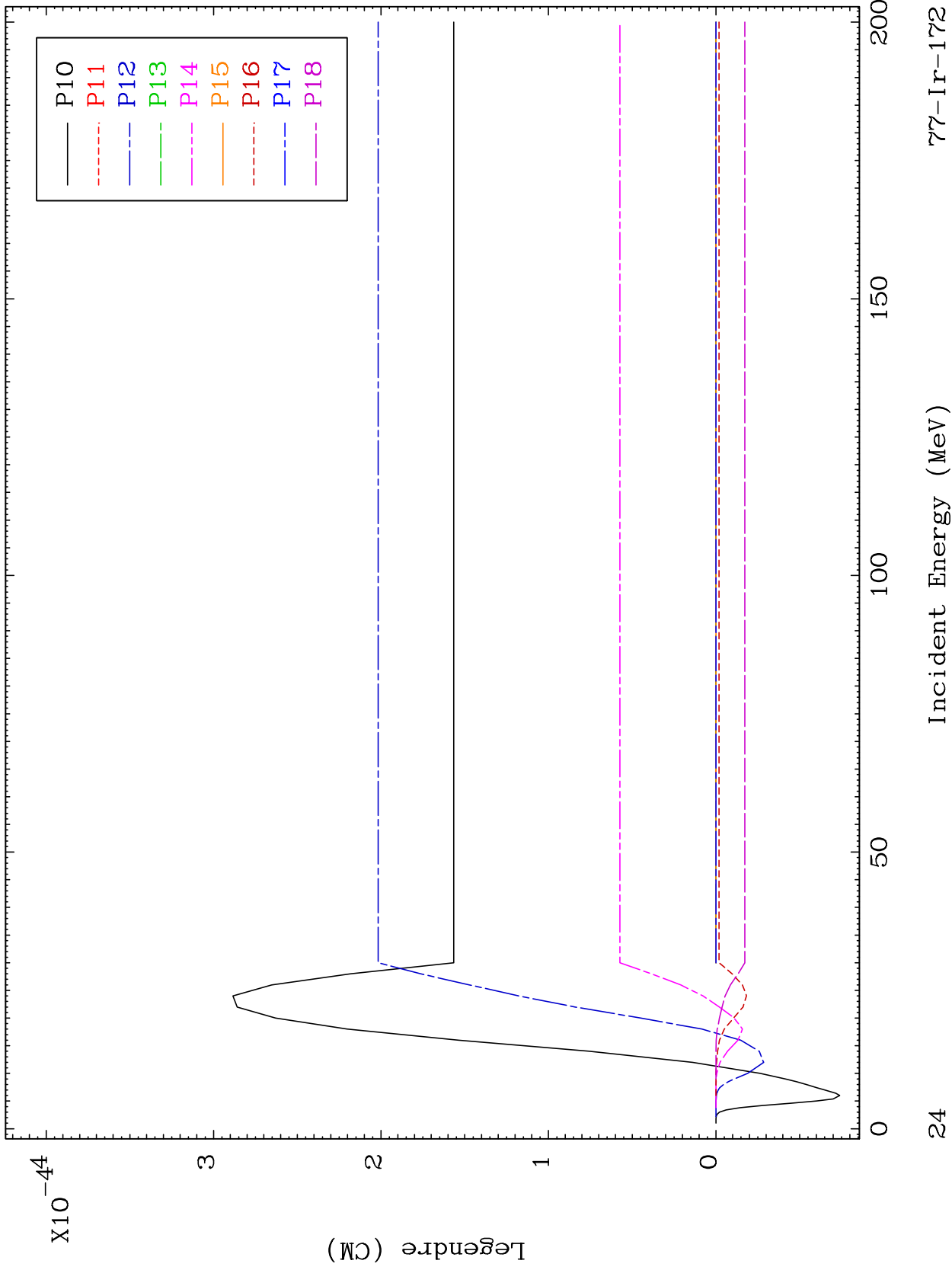
Incident Energy (MeV)

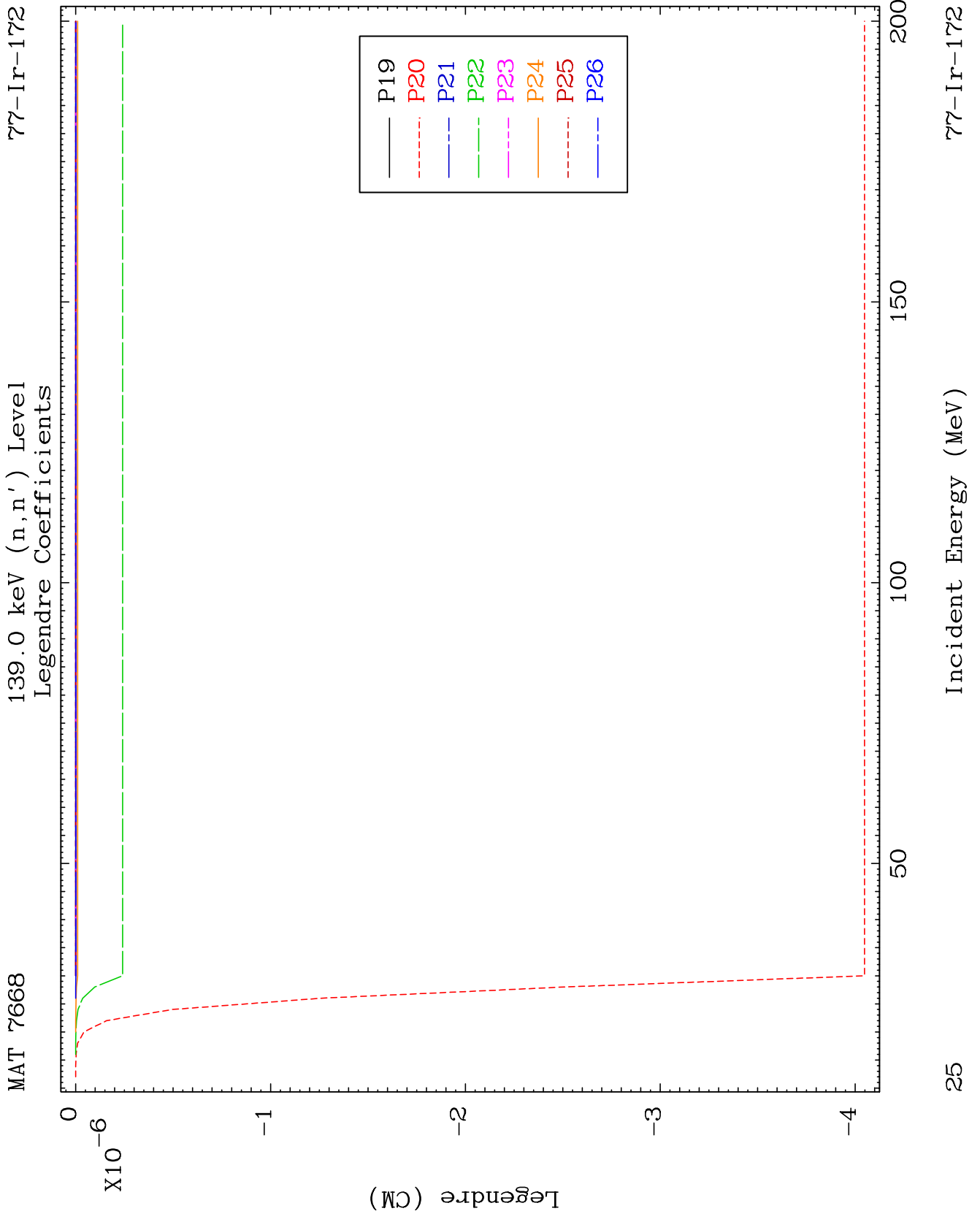
23

MAT 7668

139.0 keV (n,n') Level
Legendre Coefficients

77-Ir-172

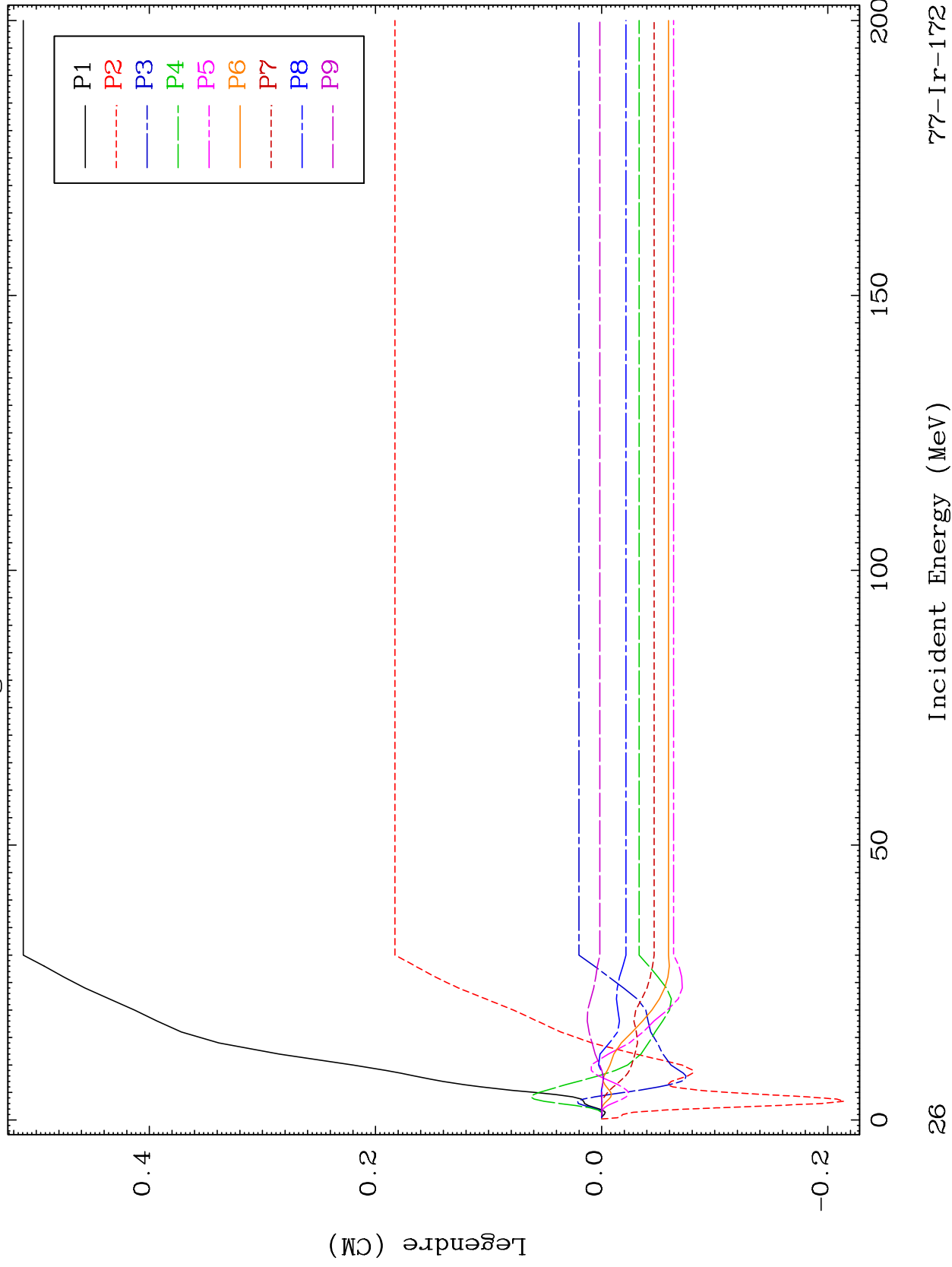




MAT 7668

168.4 keV (n,n') Level
Legendre Coefficients

77-Ir-172



77-Ir-172

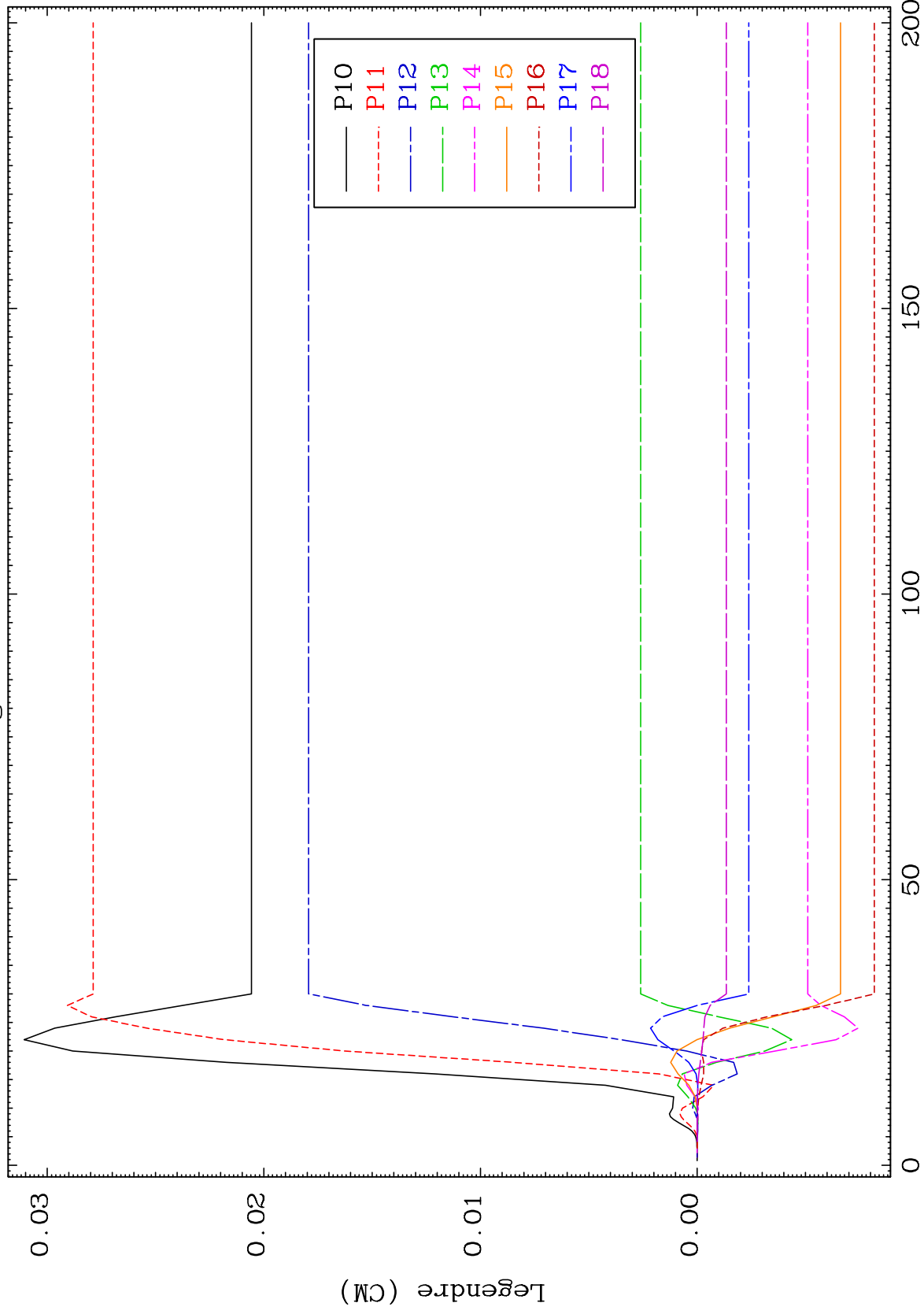
Incident Energy (MeV)

26

MAT 7668

168.4 keV (n,n') Level
Legendre Coefficients

77-Ir-172



27

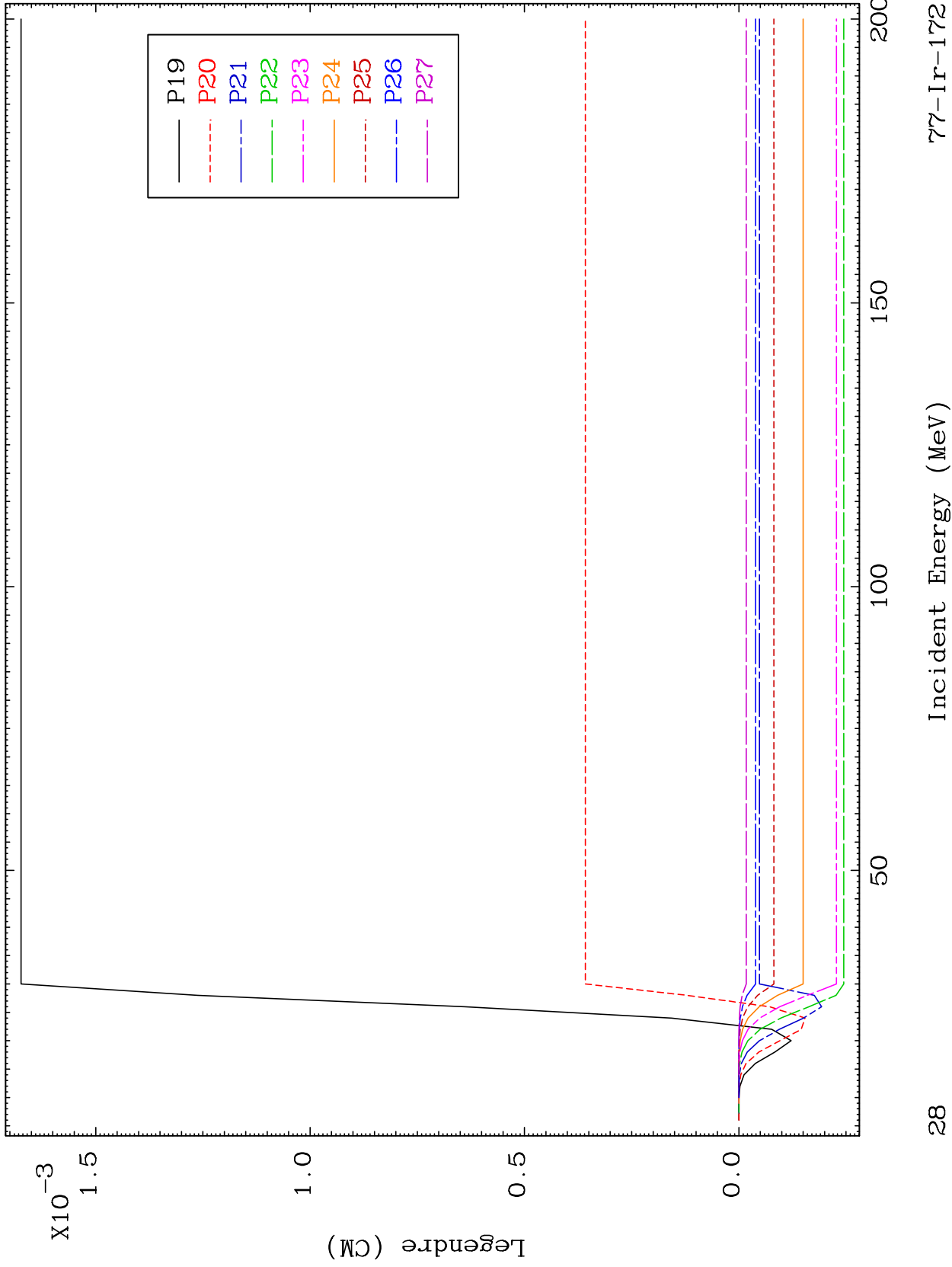
Incident Energy (MeV)

77-Ir-172

MAT 7668

168.4 keV (n,n') Level
Legendre Coefficients

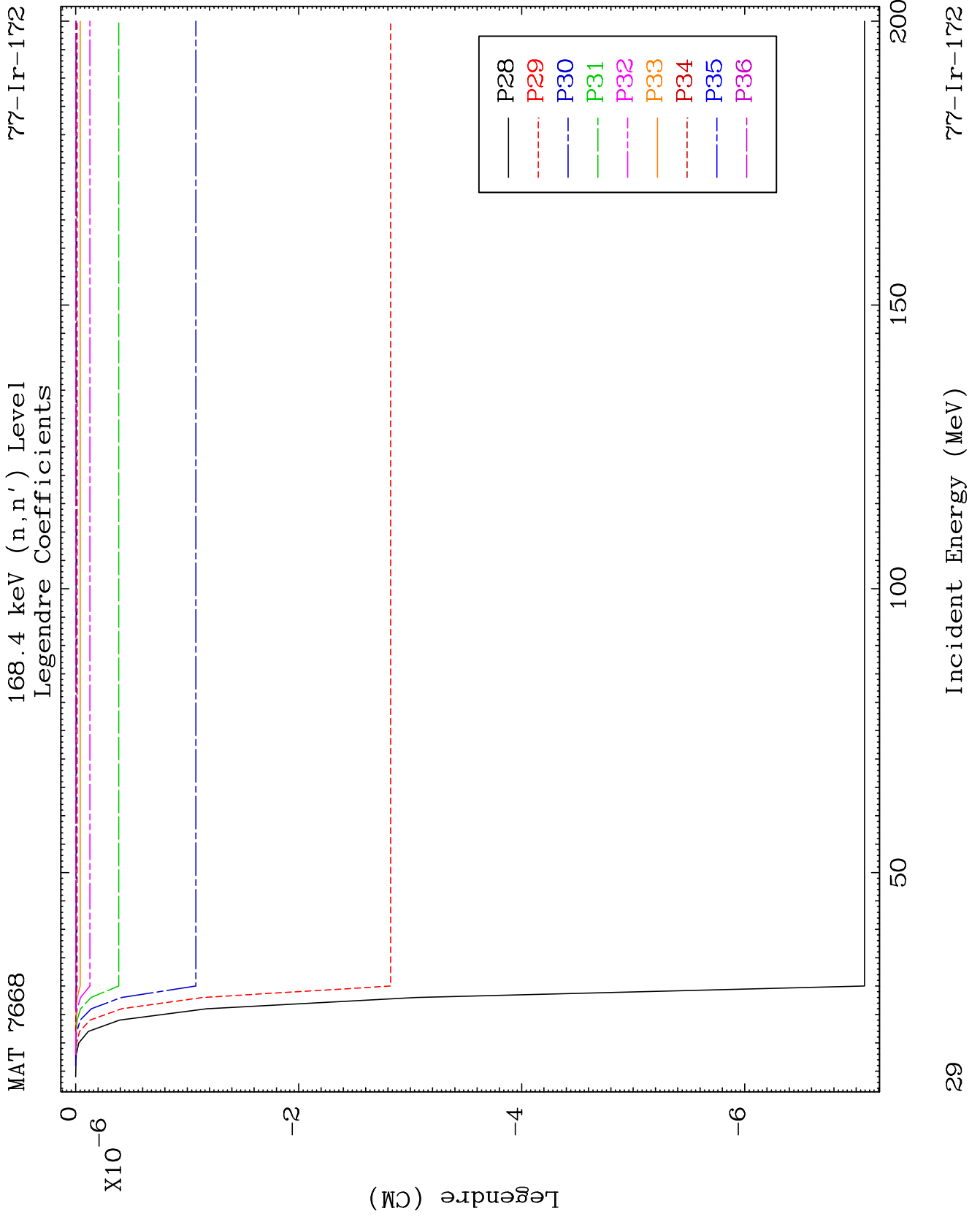
77-Ir-172



28

Incident Energy (MeV)

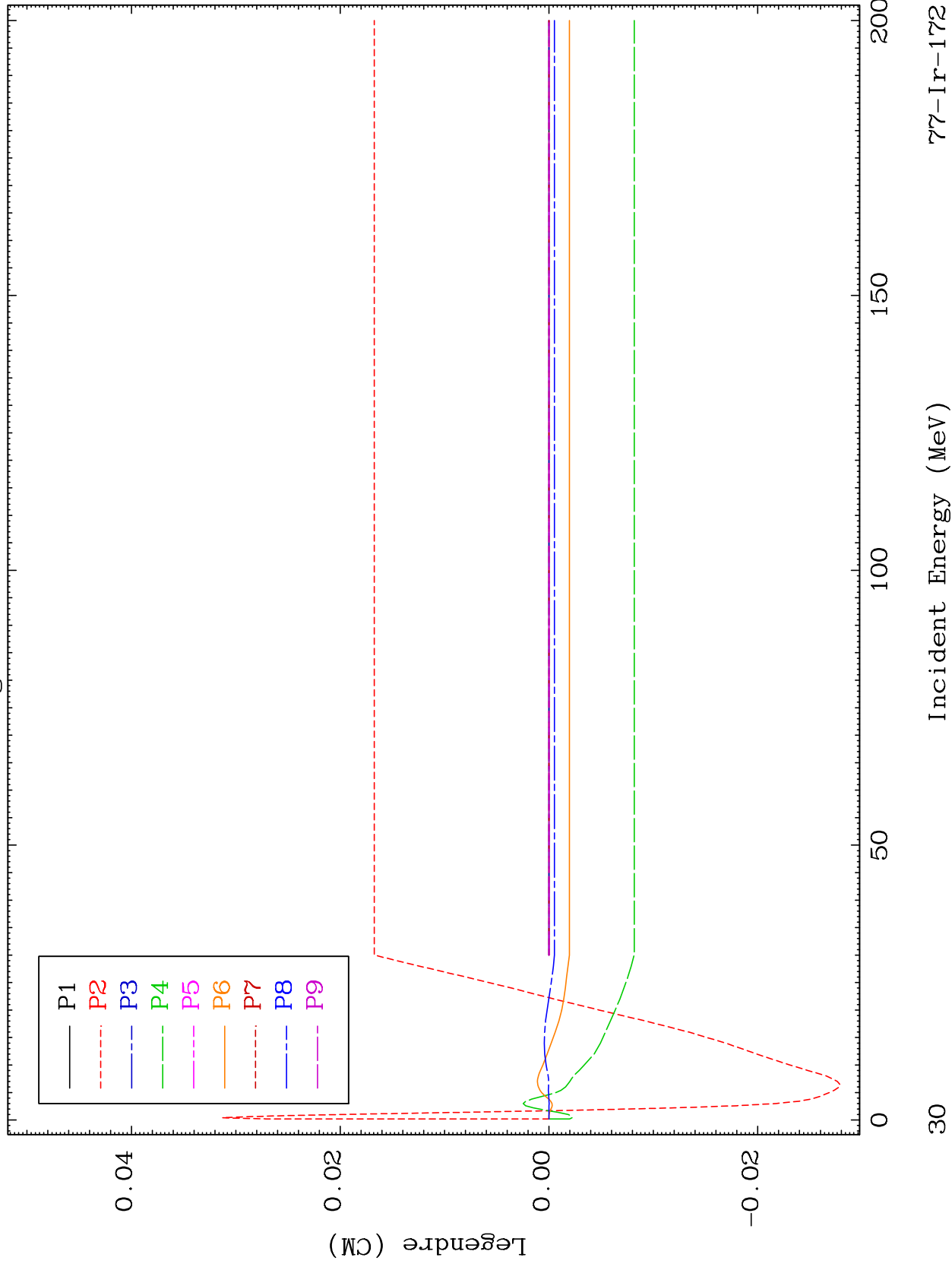
77-Ir-172



MAT 7668

176.4 keV (n,n') Level
Legendre Coefficients

77-Ir-172



77-Ir-172

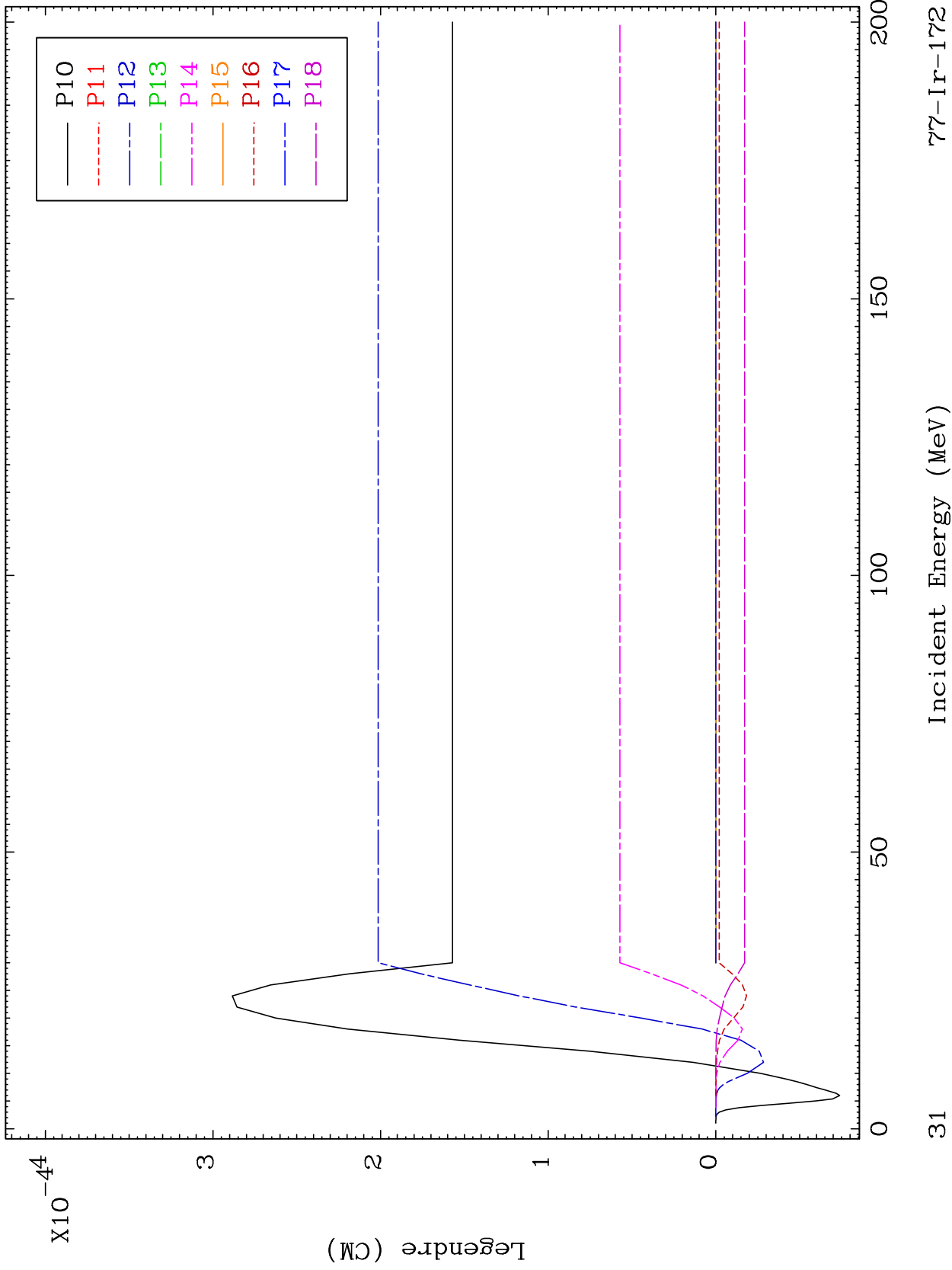
Incident Energy (MeV)

30

MAT 7668

176.4 keV (n,n') Level
Legendre Coefficients

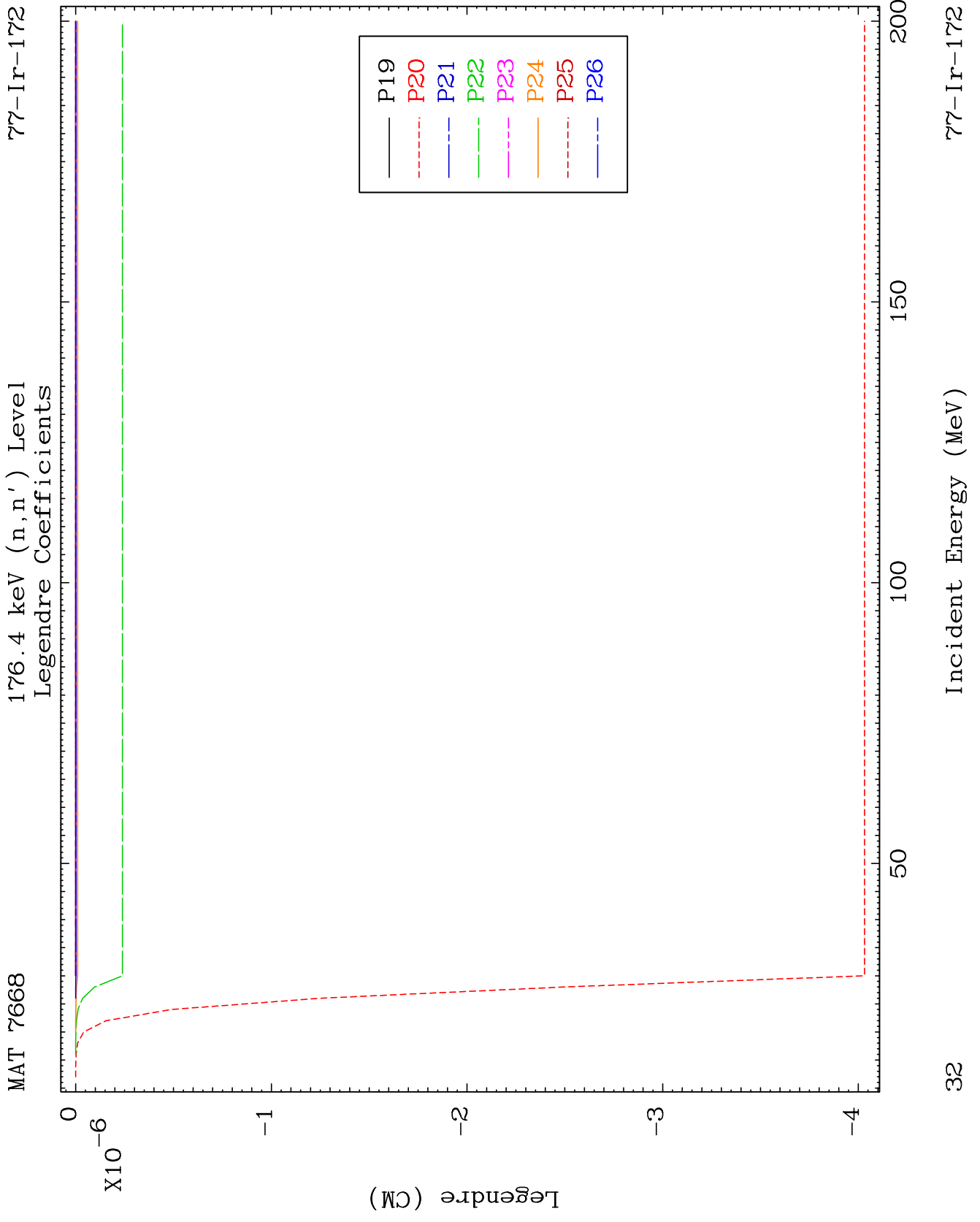
77-Ir-172

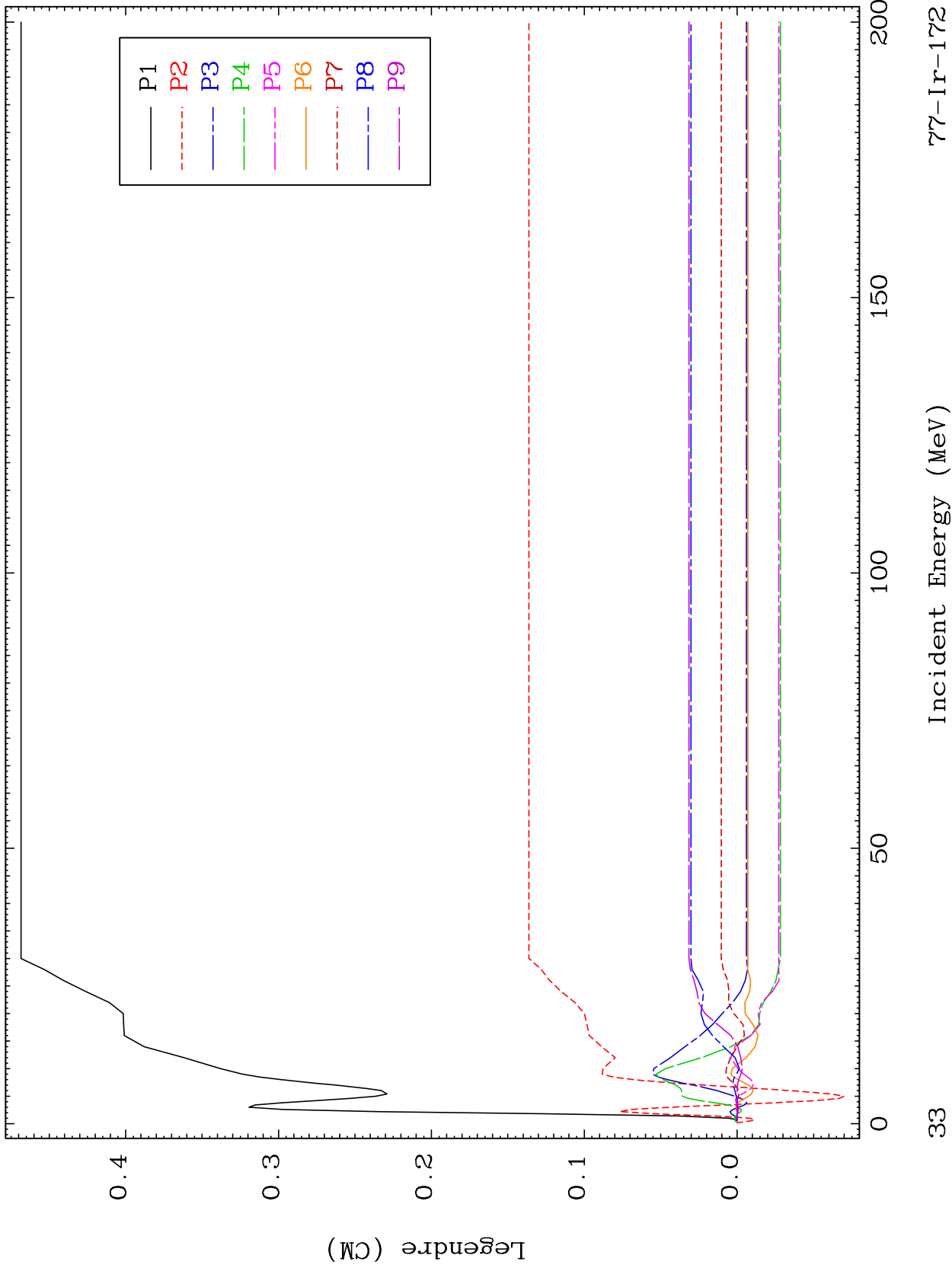


77-Ir-172

Incident Energy (MeV)

31

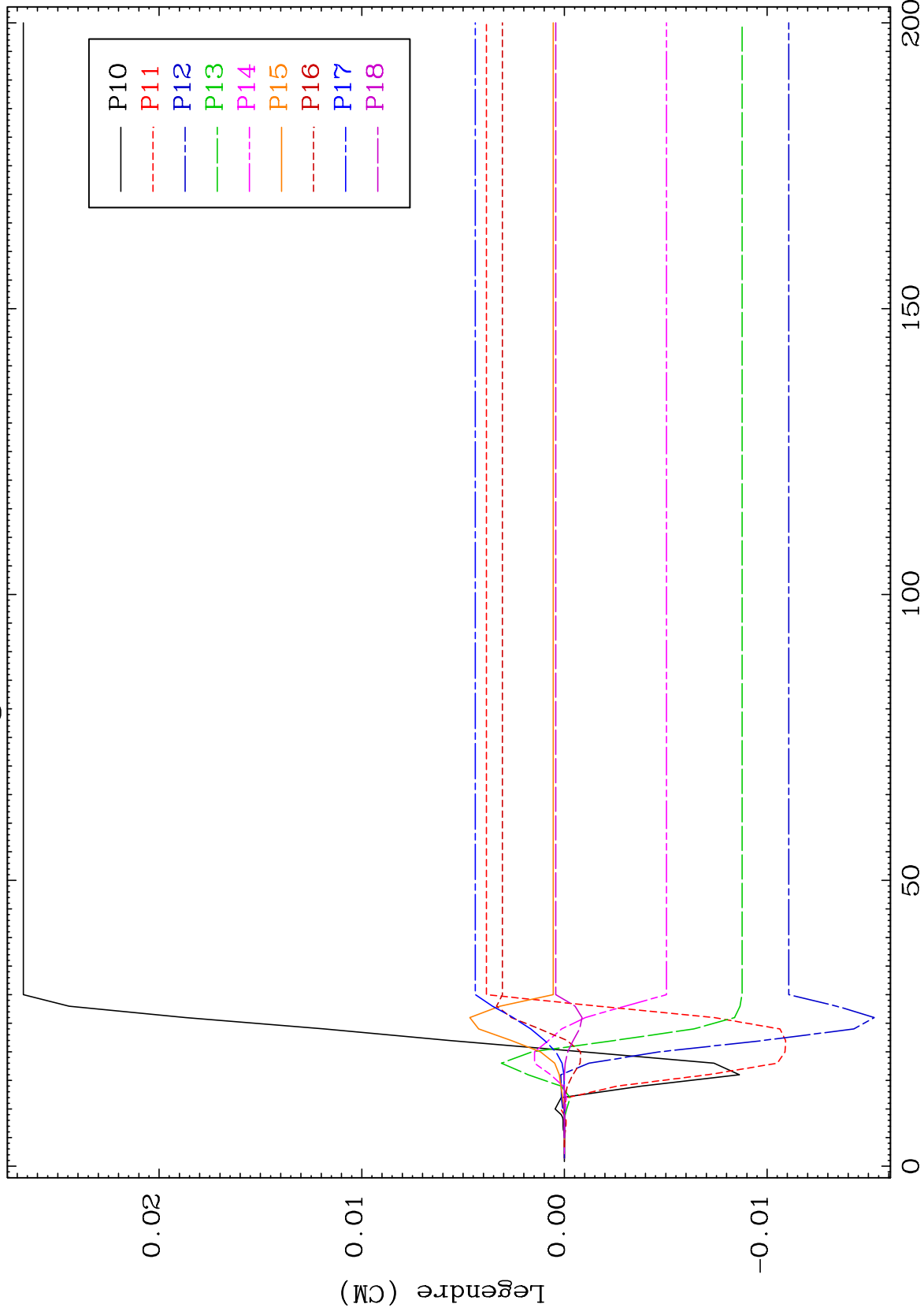




MAT 7668

177.4 keV (n,n') Level
Legendre Coefficients

77-Ir-172



34

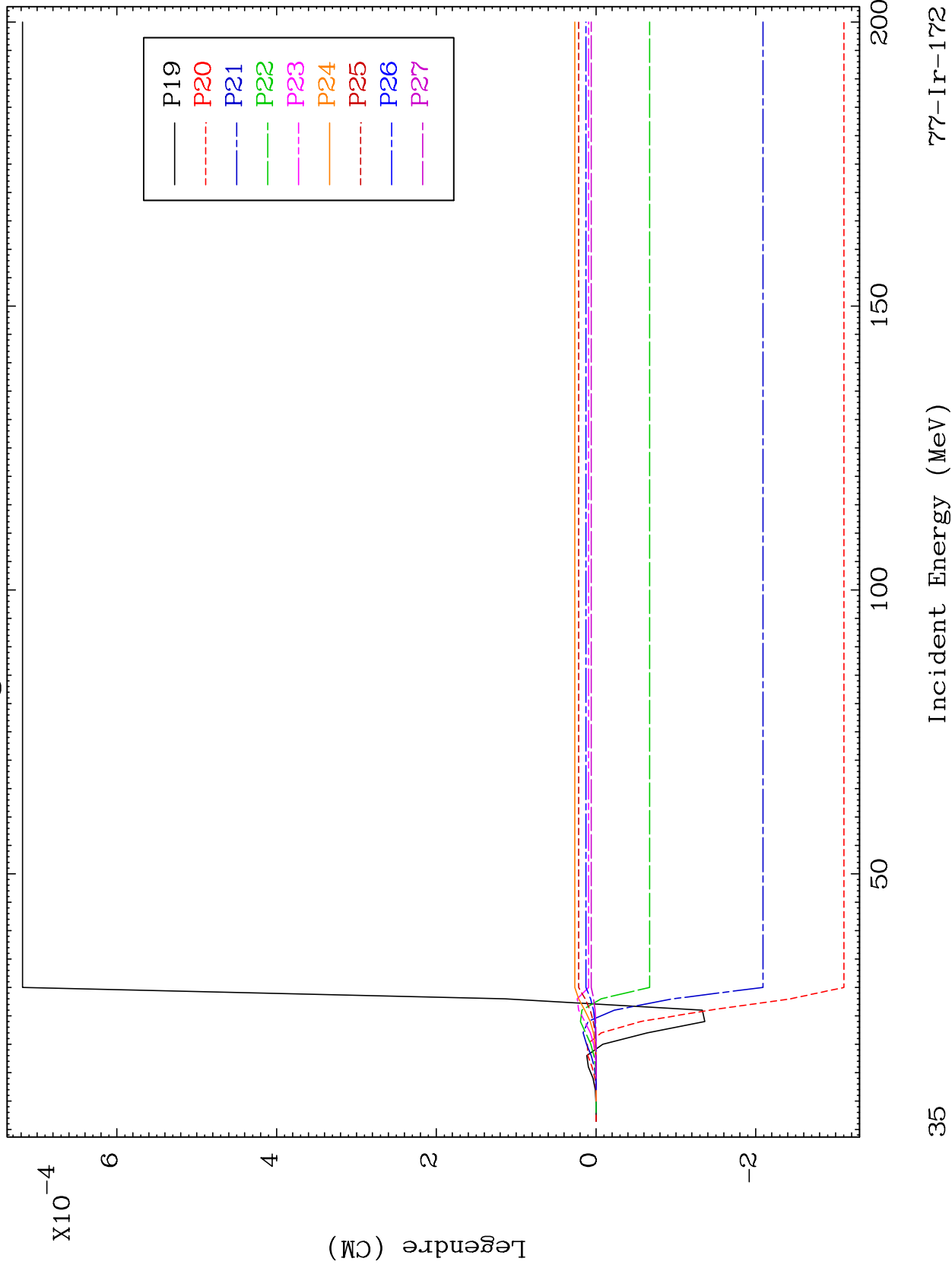
Incident Energy (MeV)

77-Ir-172

MAT 7668

177.4 keV (n,n') Level
Legendre Coefficients

77-Ir-172



35

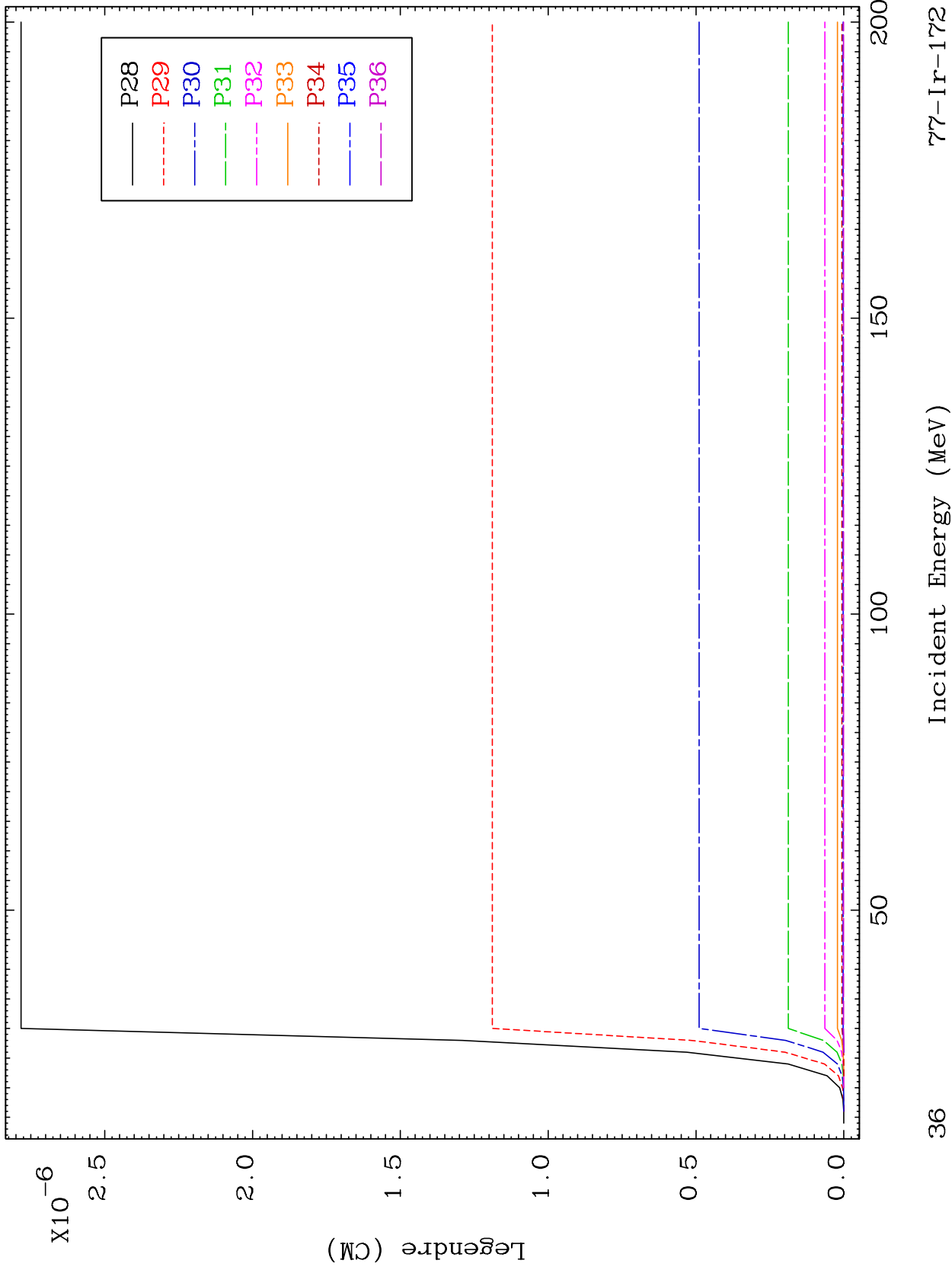
Incident Energy (MeV)

77-Ir-172

MAT 7668

177.4 keV (n,n') Level
Legendre Coefficients

77-Ir-172

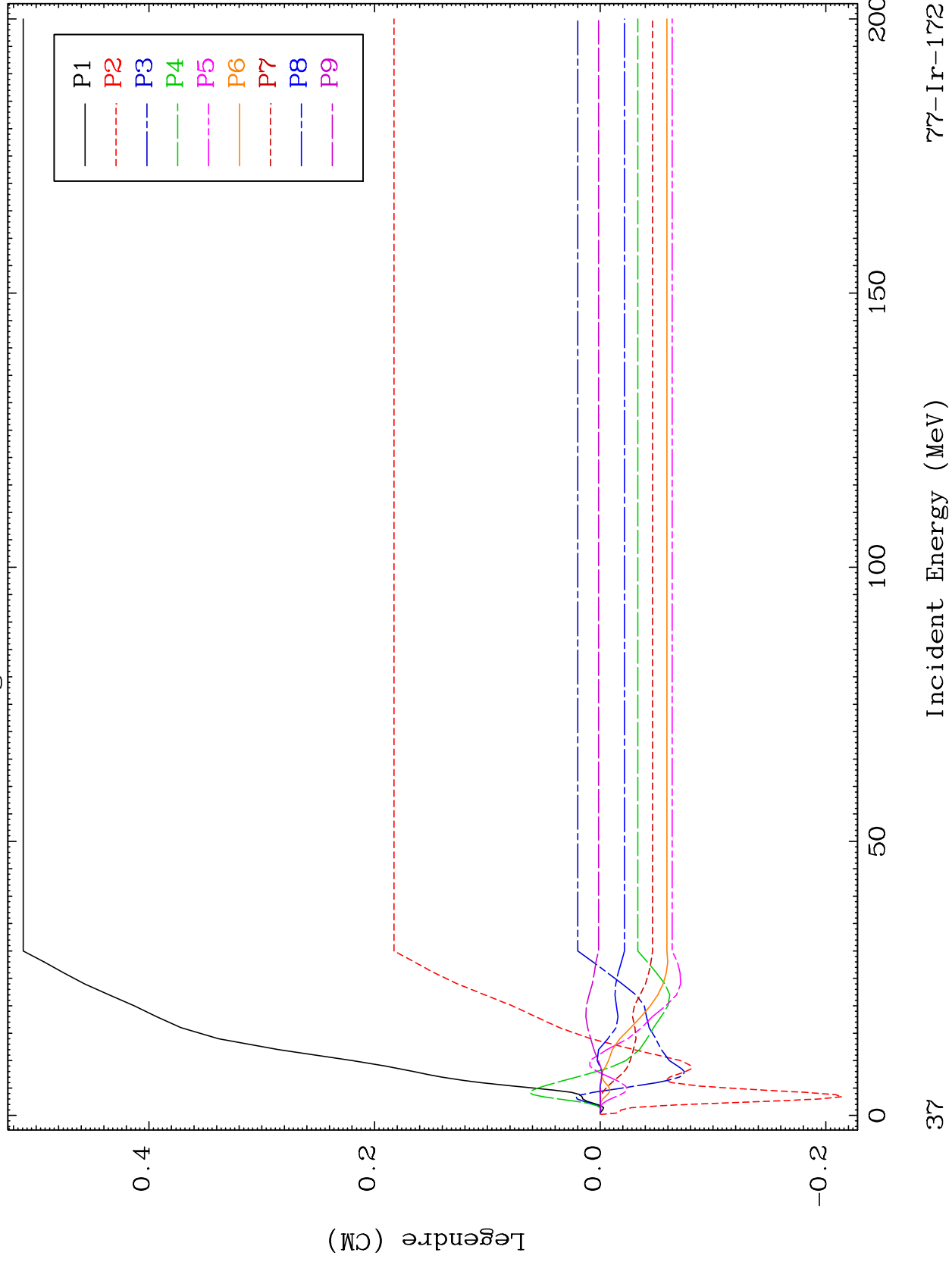


36

MAT 7668

183.5 keV (n,n') Level
Legendre Coefficients

77-Ir-172



77-Ir-172

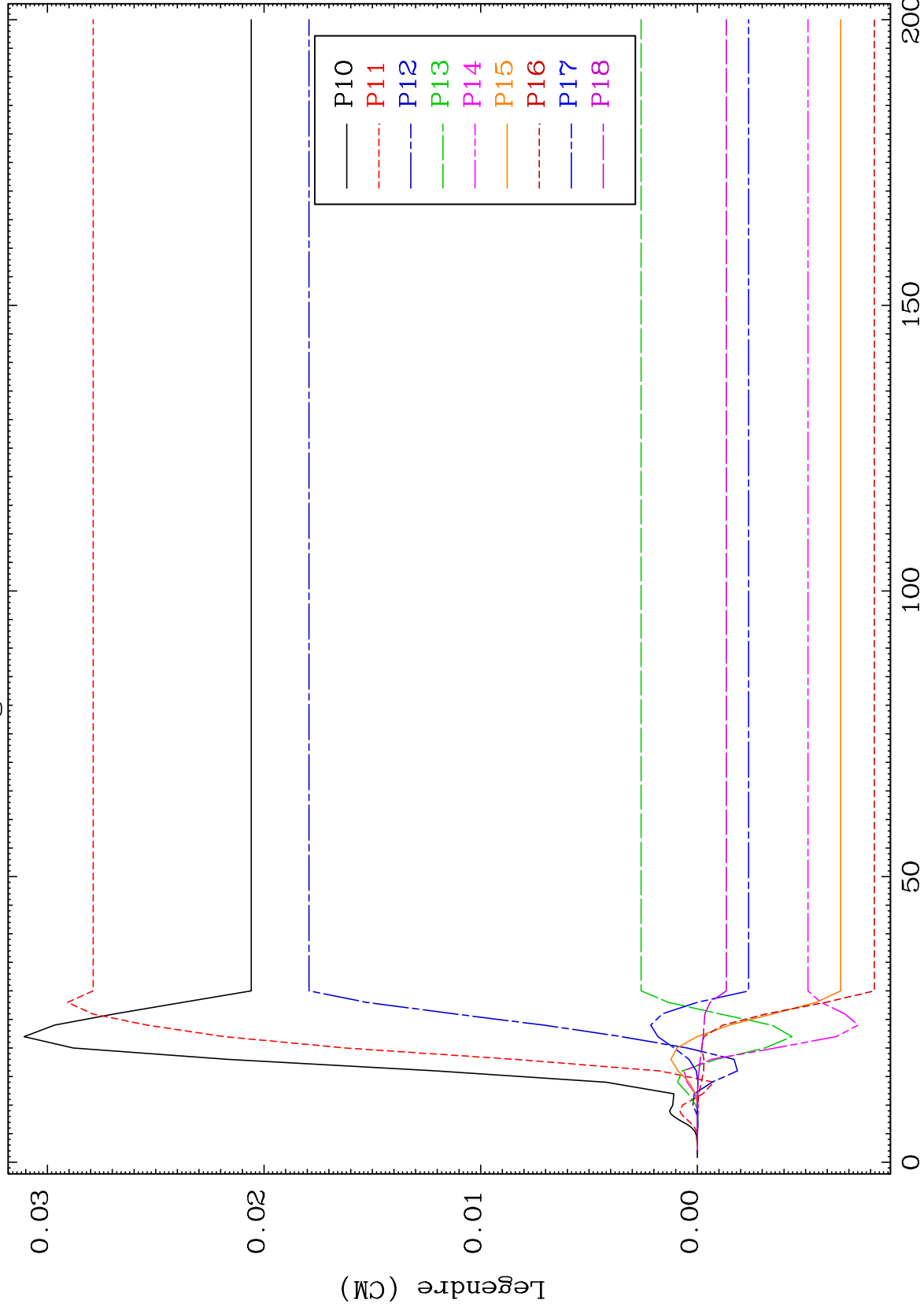
Incident Energy (MeV)

37

MAT 7668

183.5 keV (n,n') Level
Legendre Coefficients

77-Ir-172



38

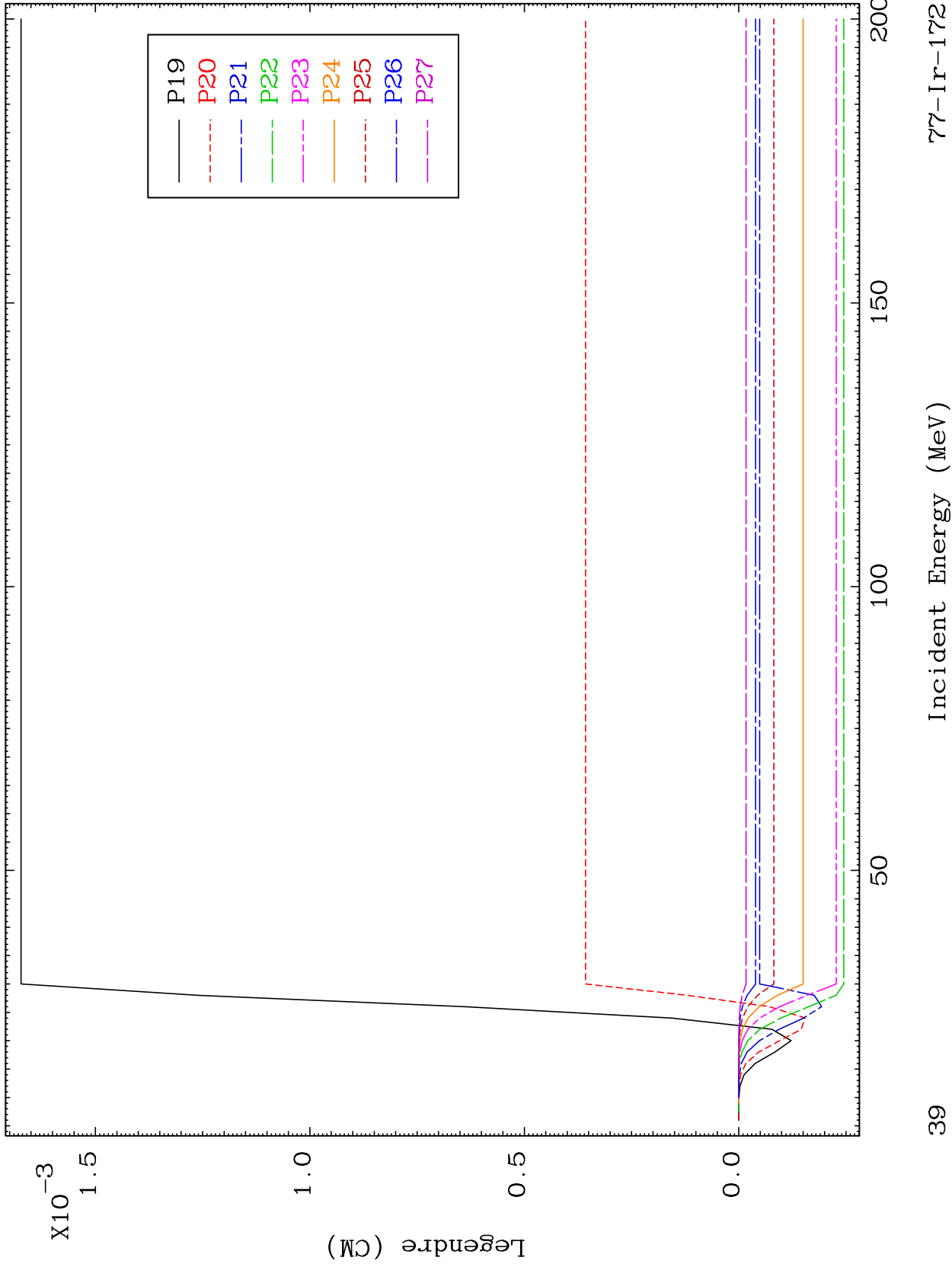
Incident Energy (MeV)

77-Ir-172

MAT 7668

183.5 keV (n,n') Level
Legendre Coefficients

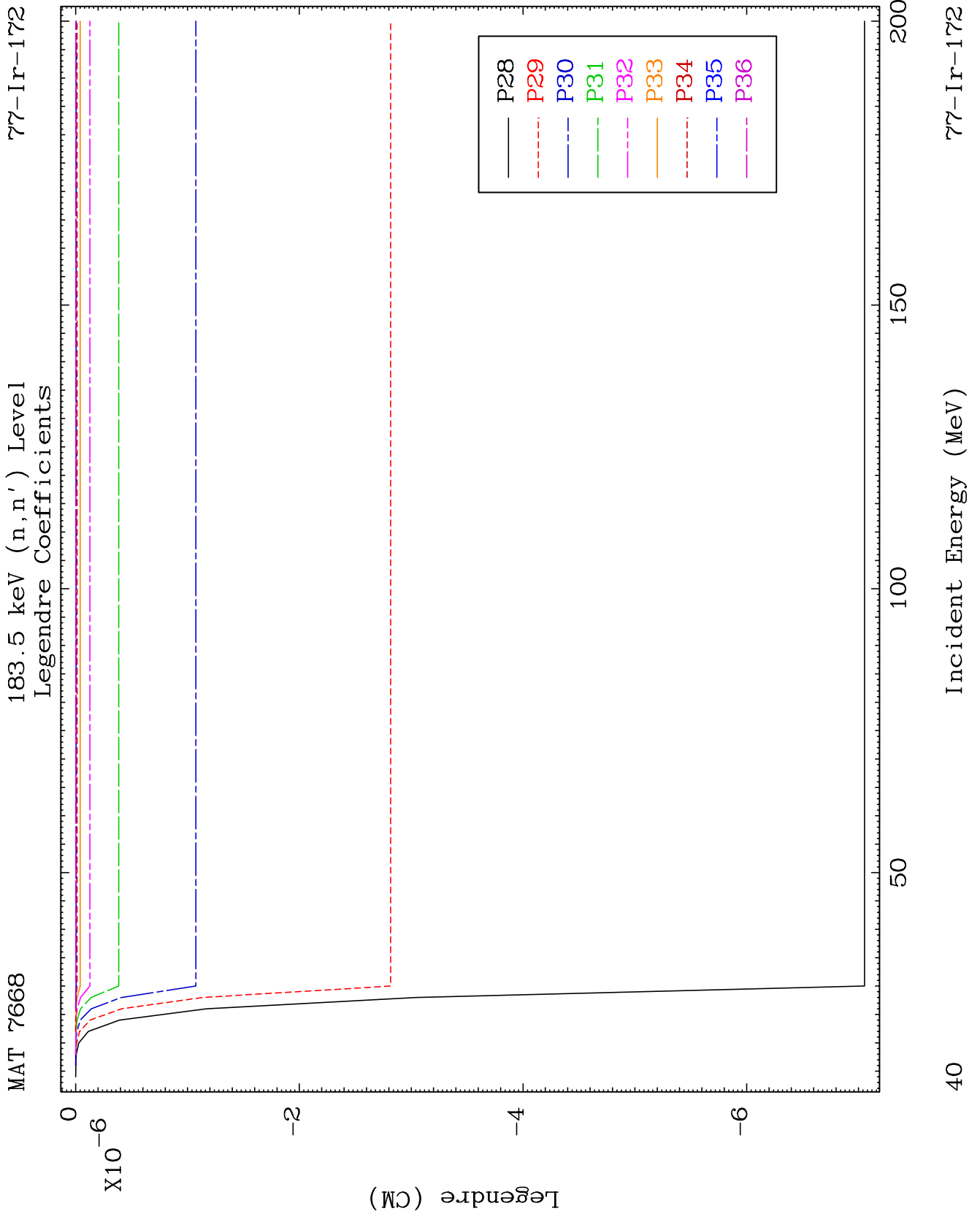
77-Ir-172

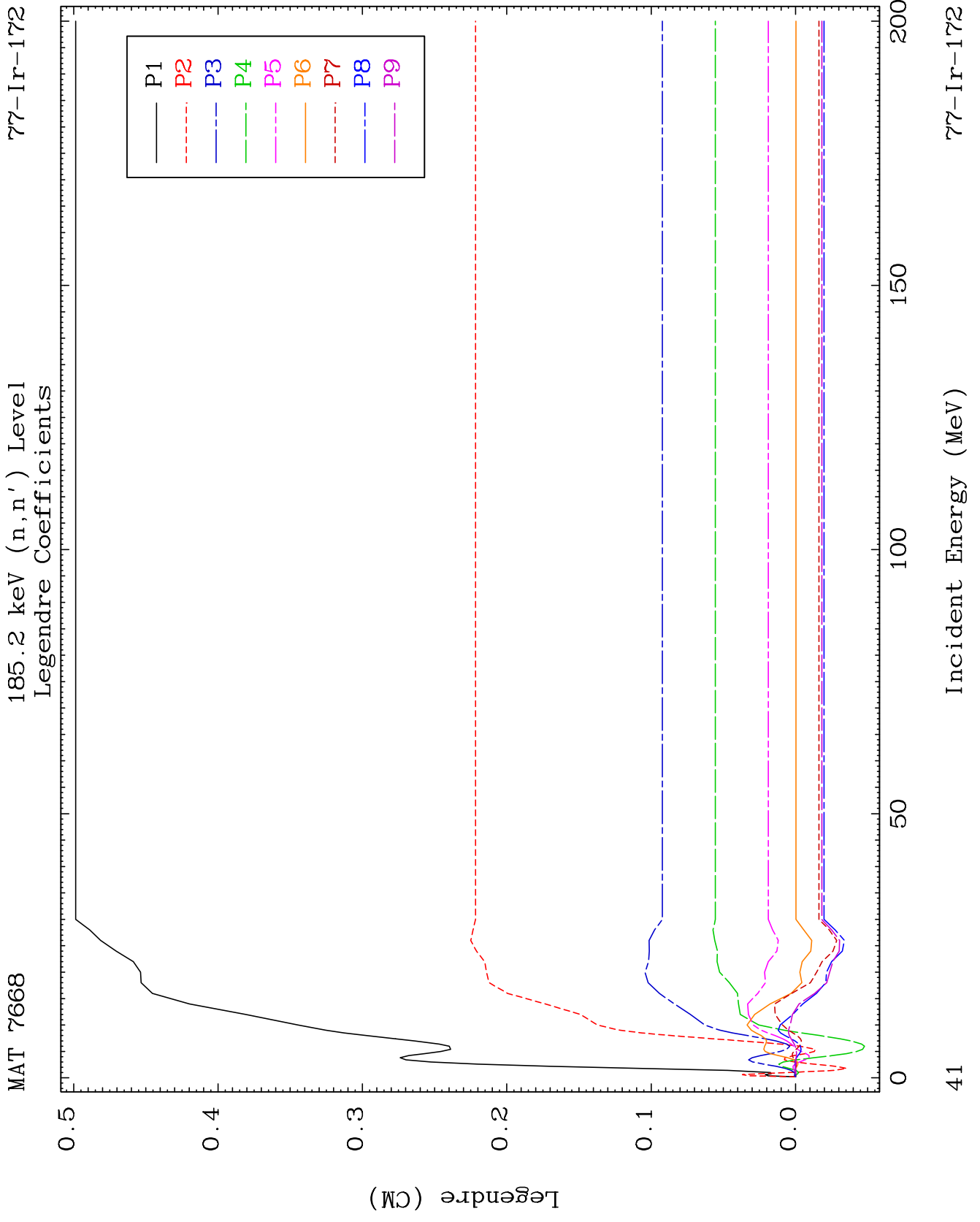


39

Incident Energy (MeV)

77-Ir-172

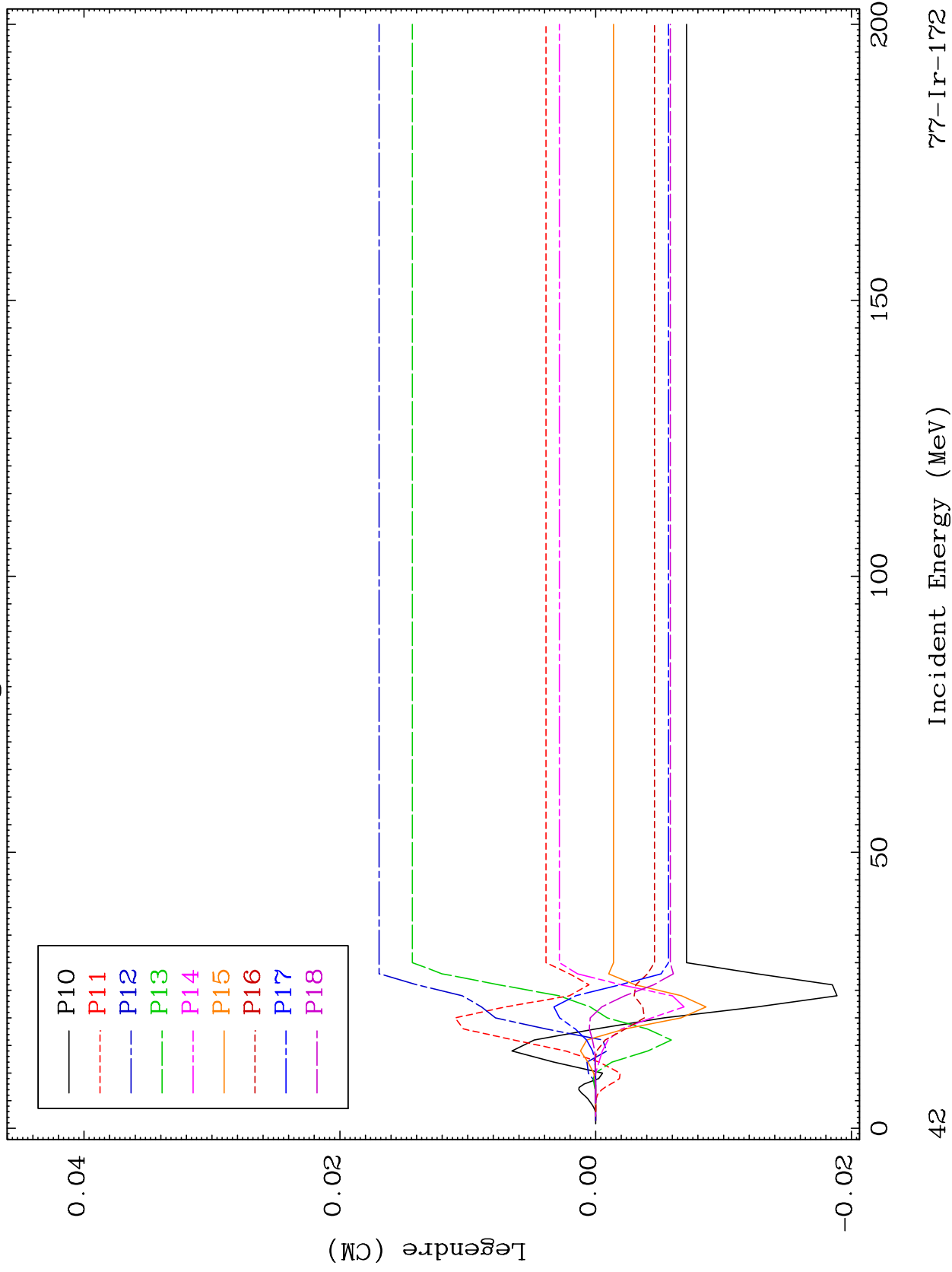




MAT 7668

185.2 keV (n,n') Level
Legendre Coefficients

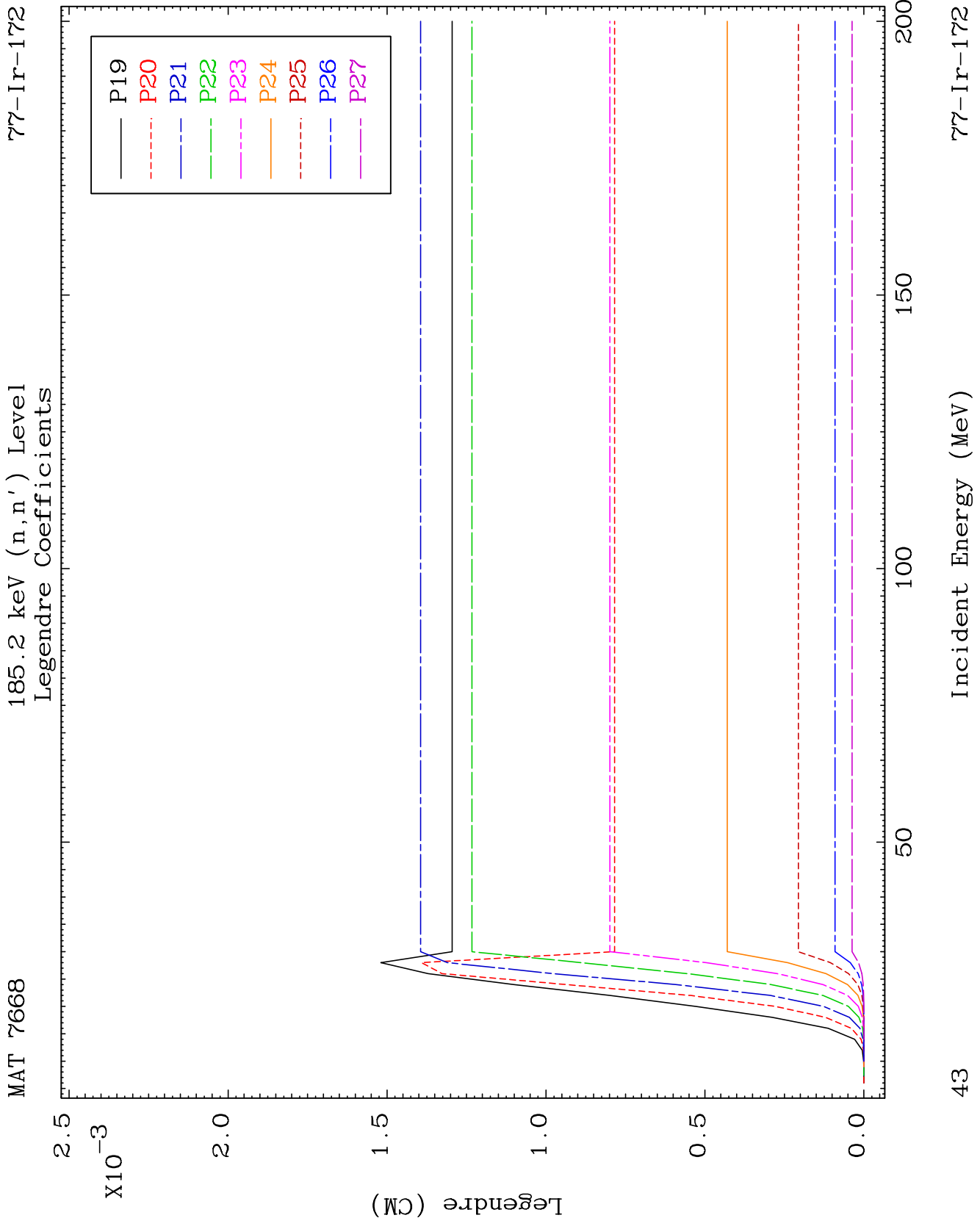
77-Ir-172



77-Ir-172

Incident Energy (MeV)

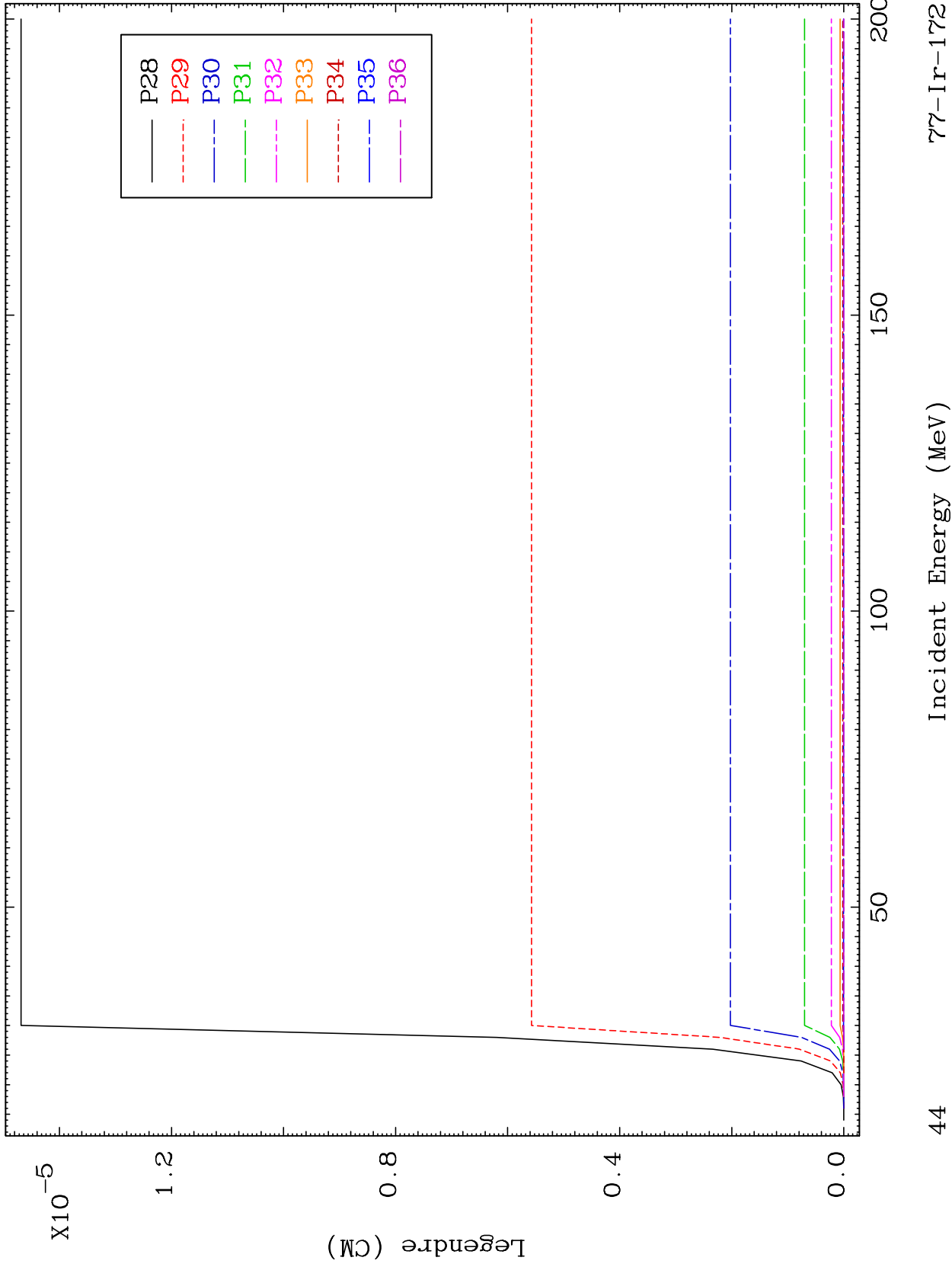
42

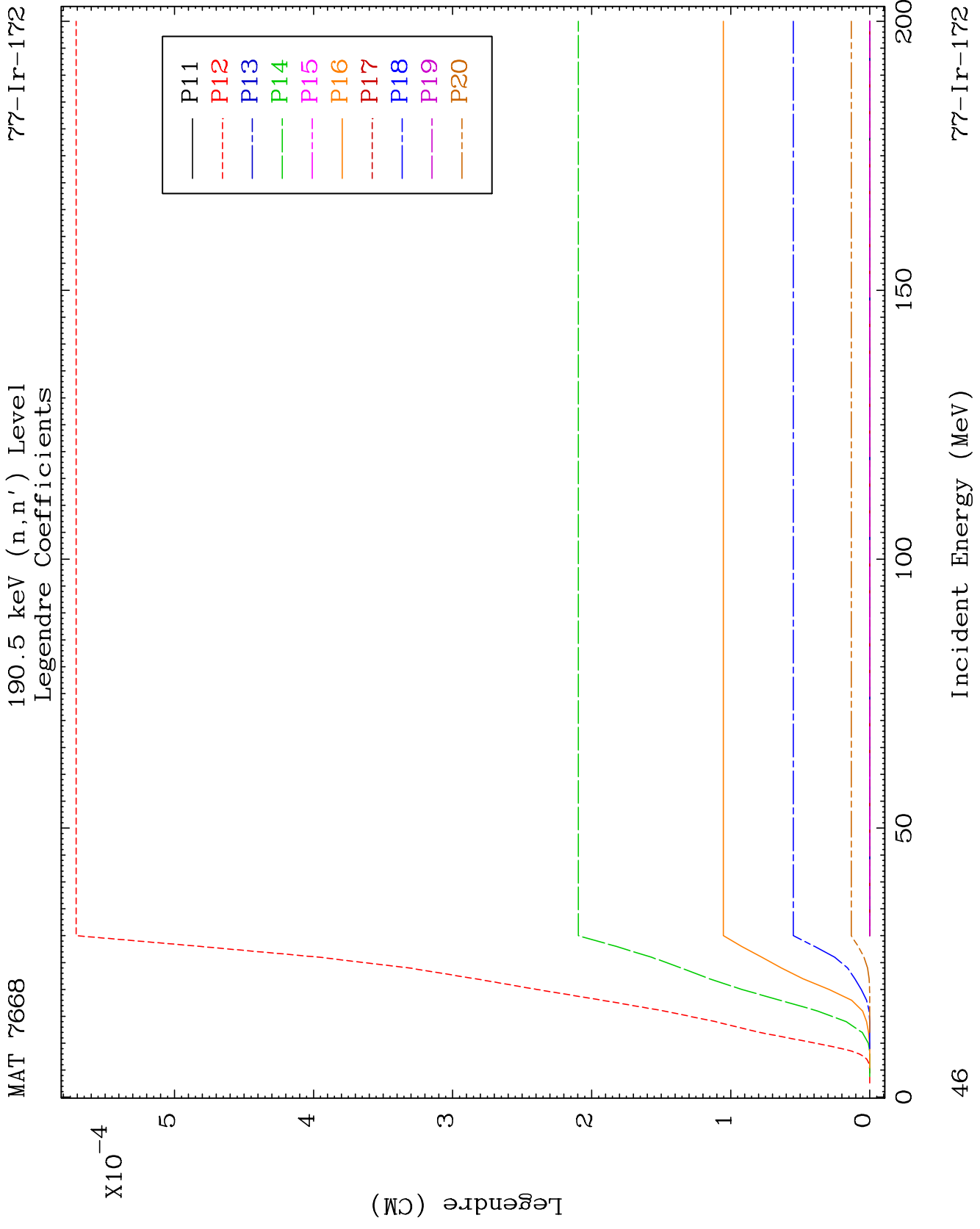


MAT 7668

185.2 keV (n,n') Level
Legendre Coefficients

77-Ir-172

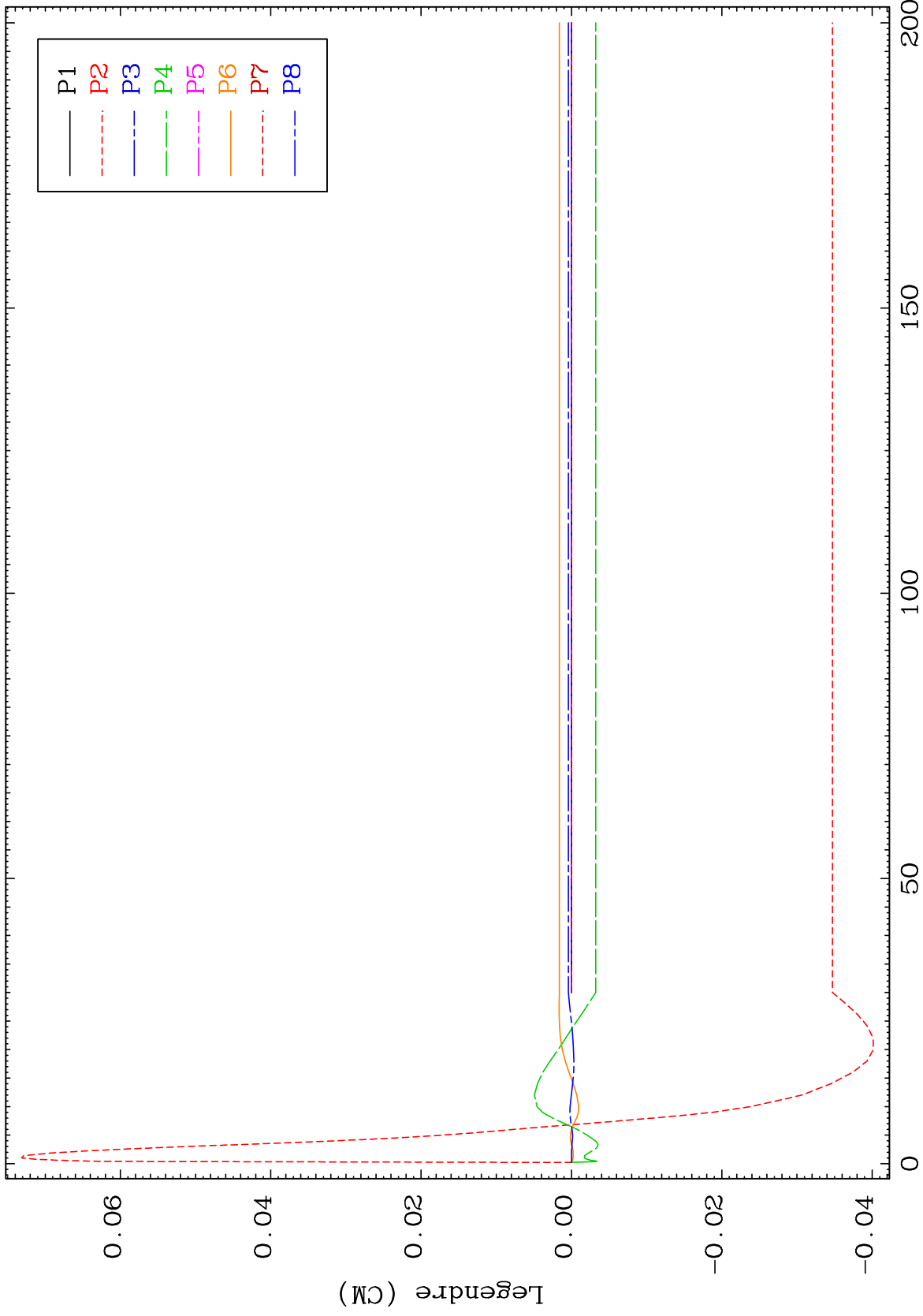




MAT 7668

201.6 keV (n,n') Level
Legendre Coefficients

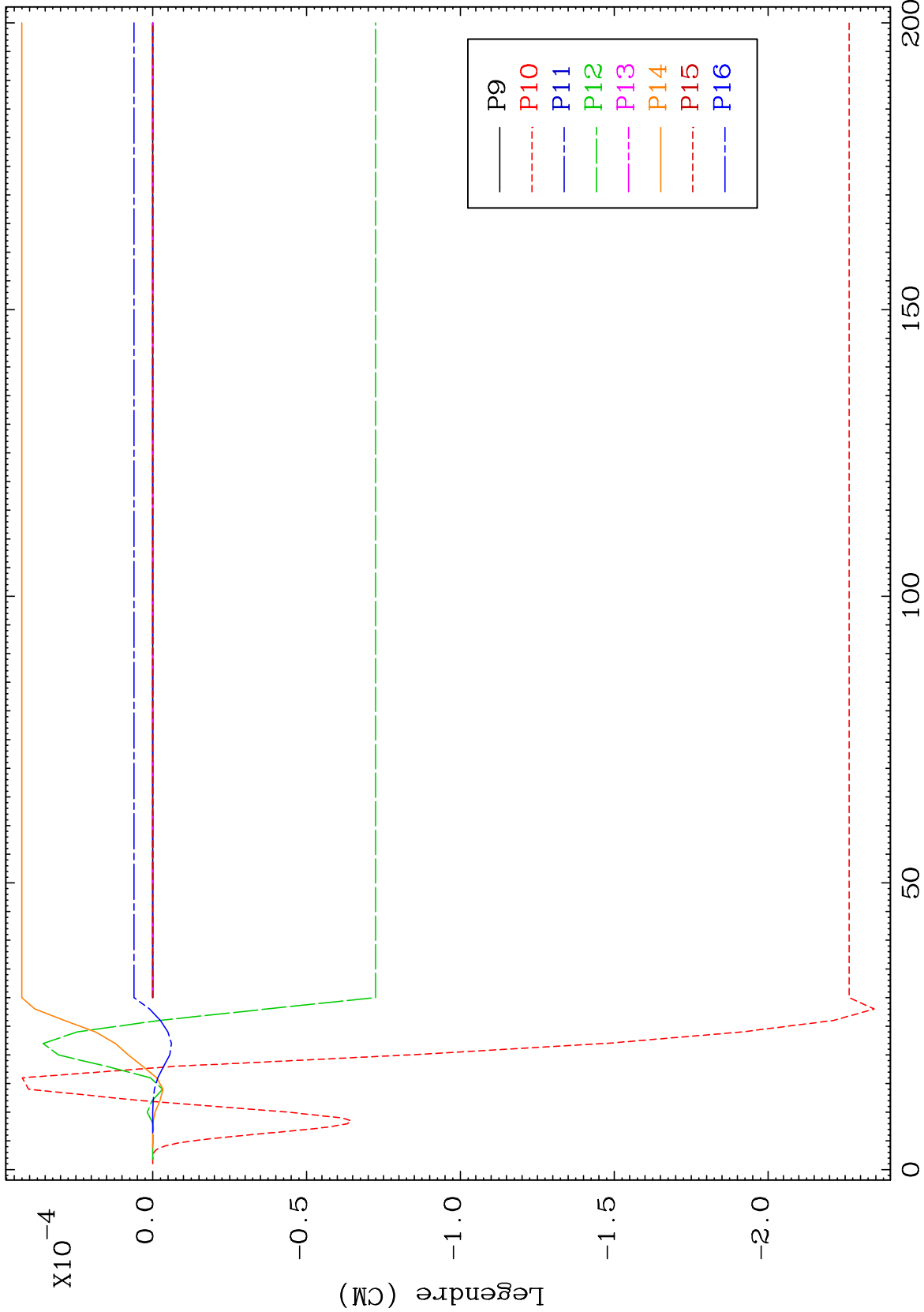
77-Ir-172

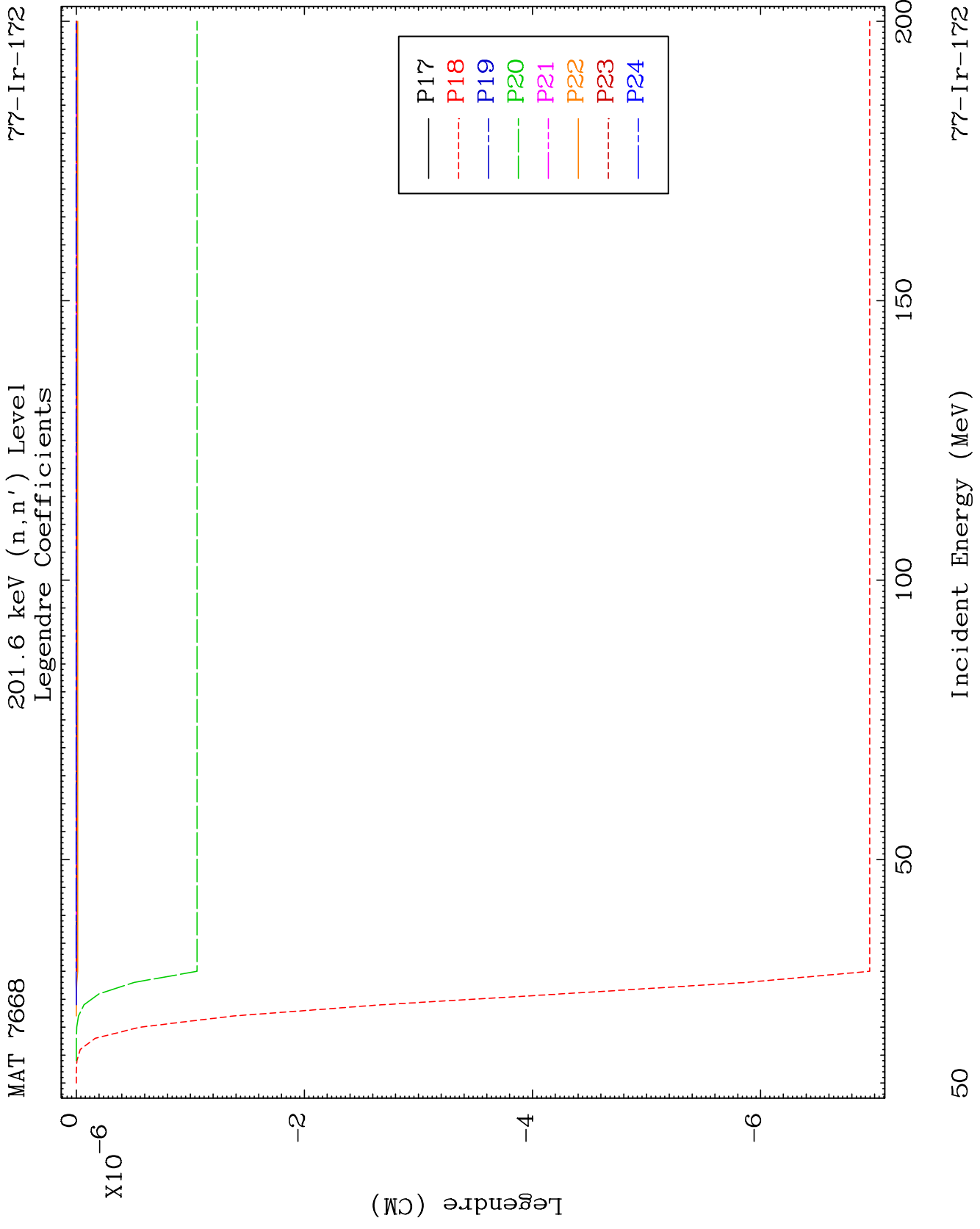


48

Incident Energy (MeV)

77-Ir-172

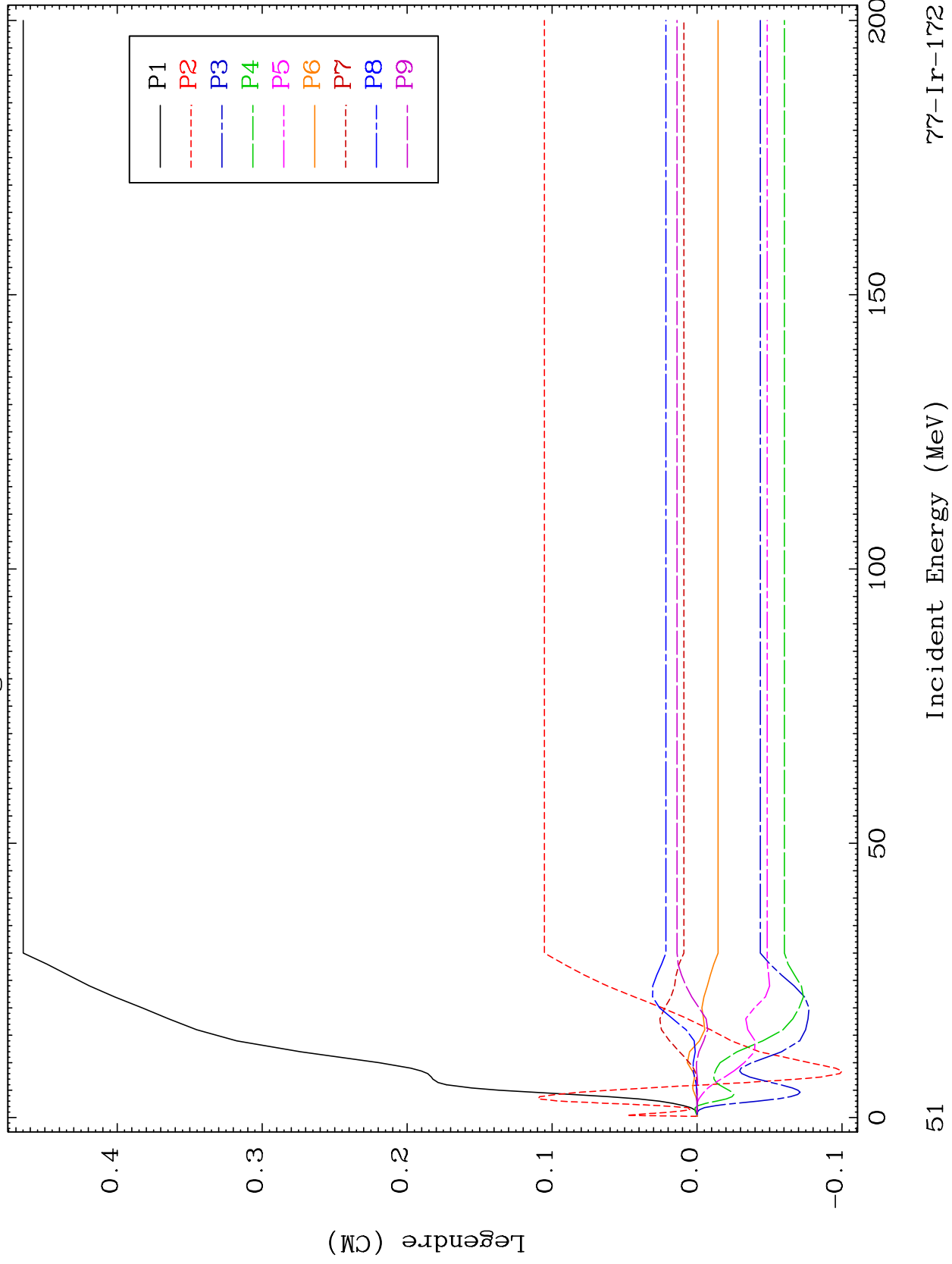




MAT 7668

217.2 keV (n,n') Level
Legendre Coefficients

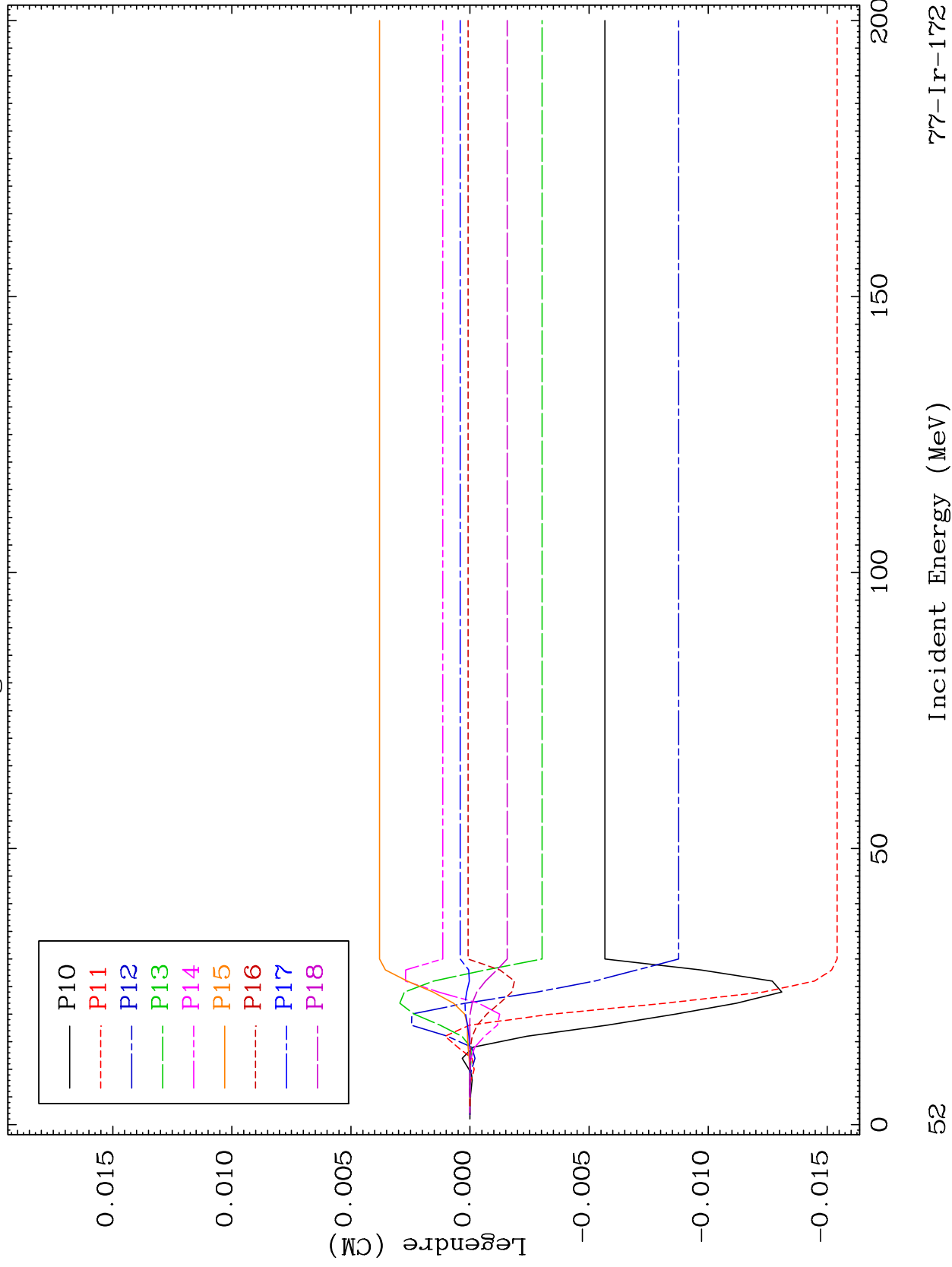
77-Ir-172

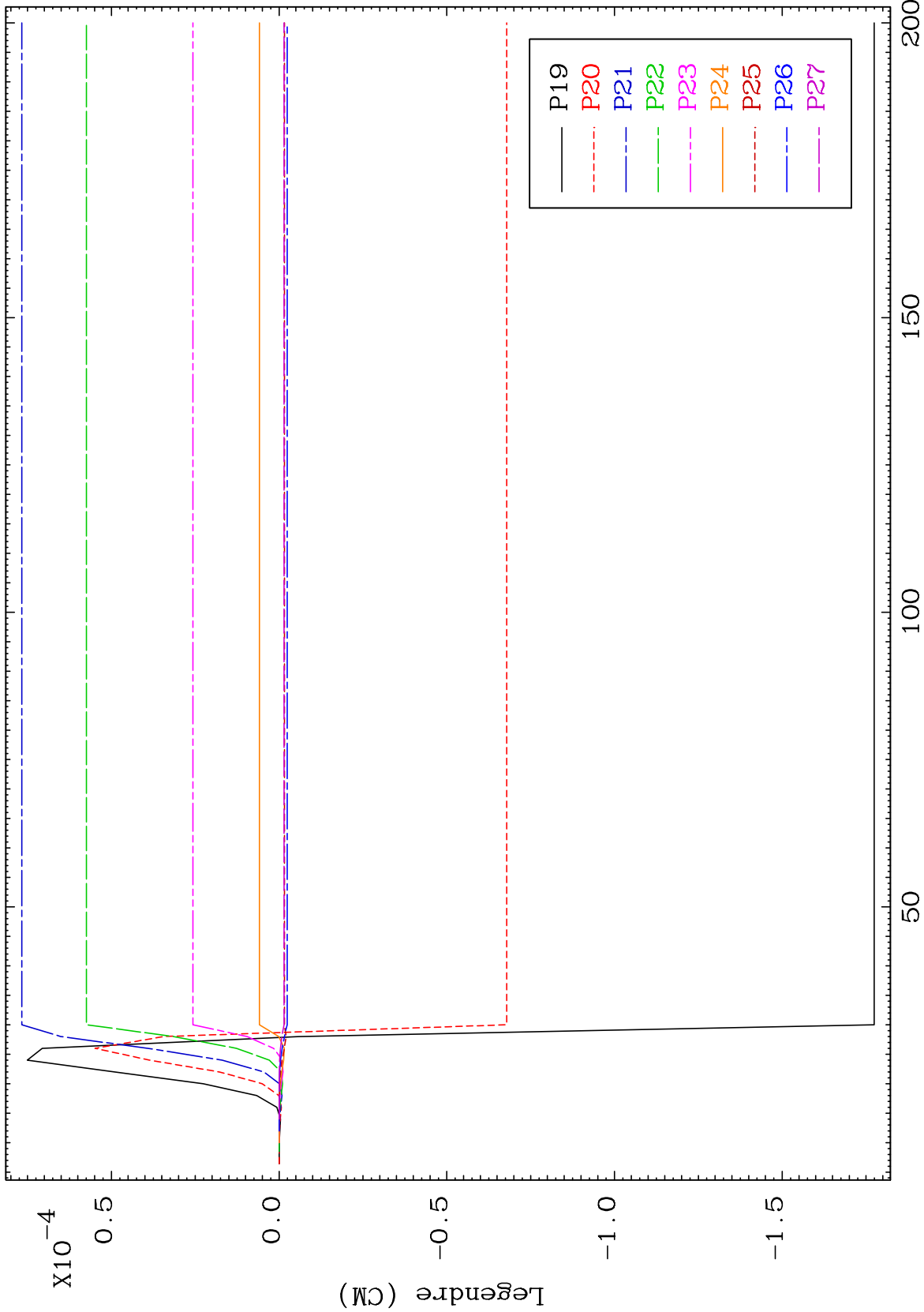


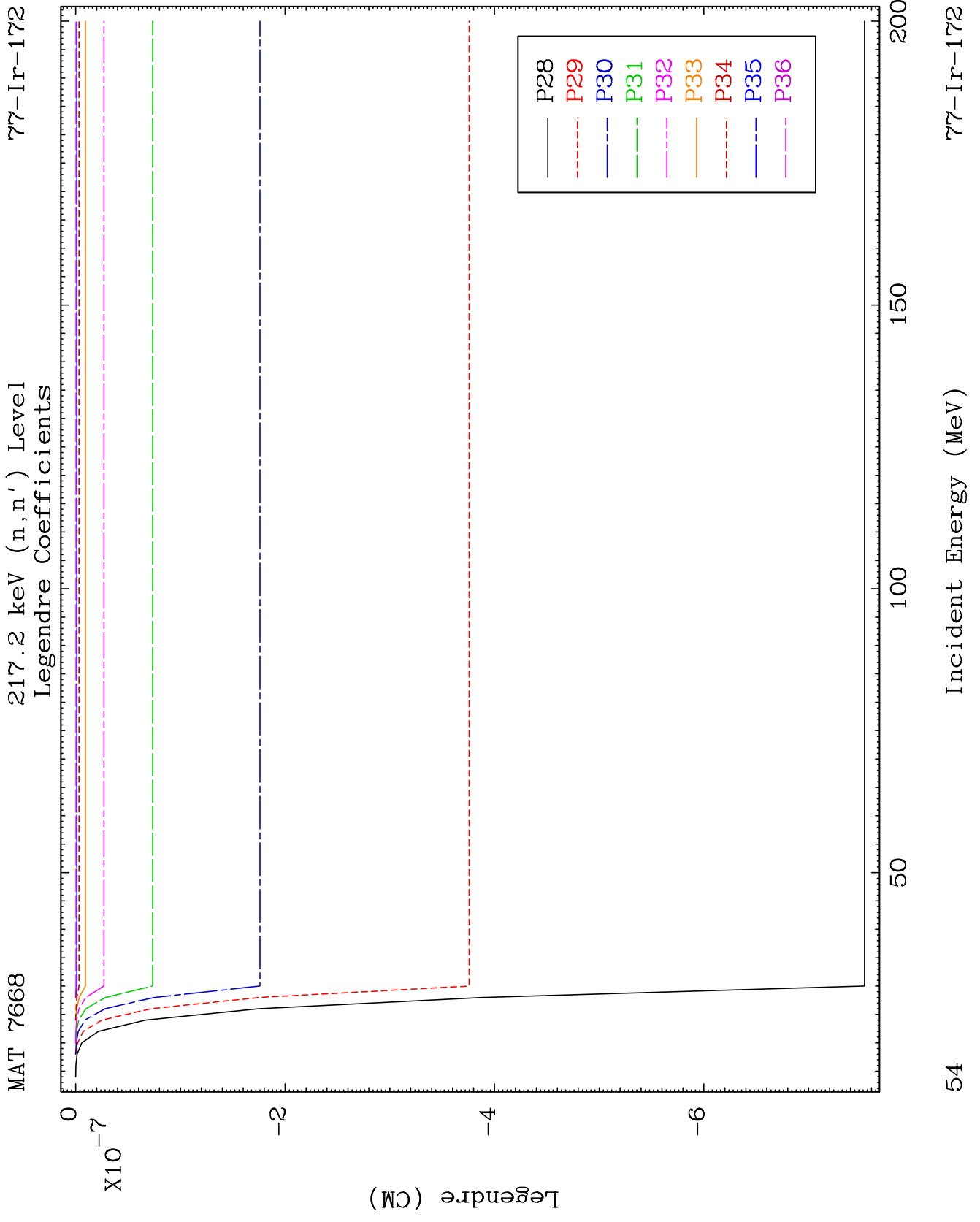
77-Ir-172

Incident Energy (MeV)

51



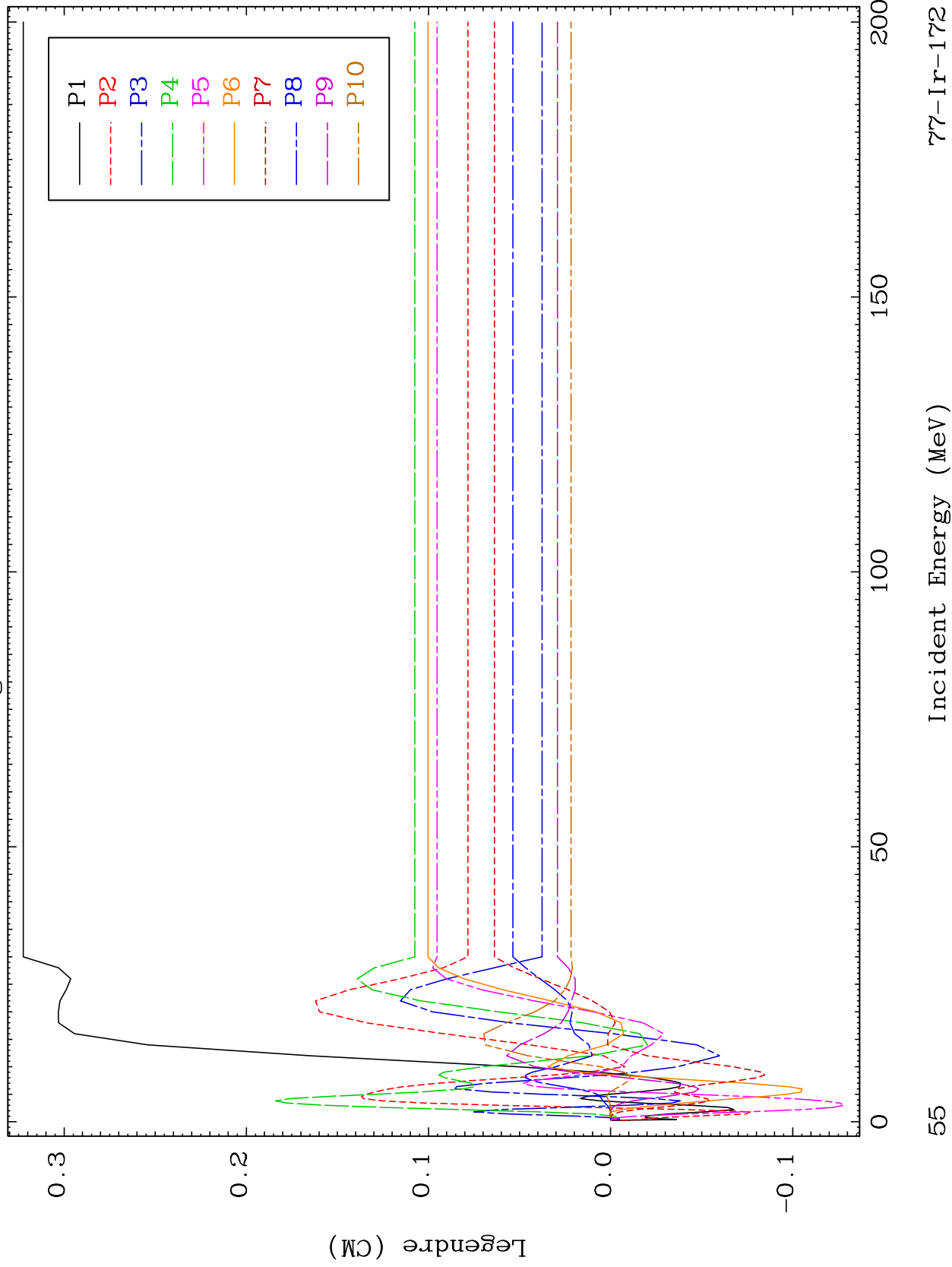




MAT 7668

219.3 keV (n,n') Level
Legendre Coefficients

77-Ir-172



77-Ir-172

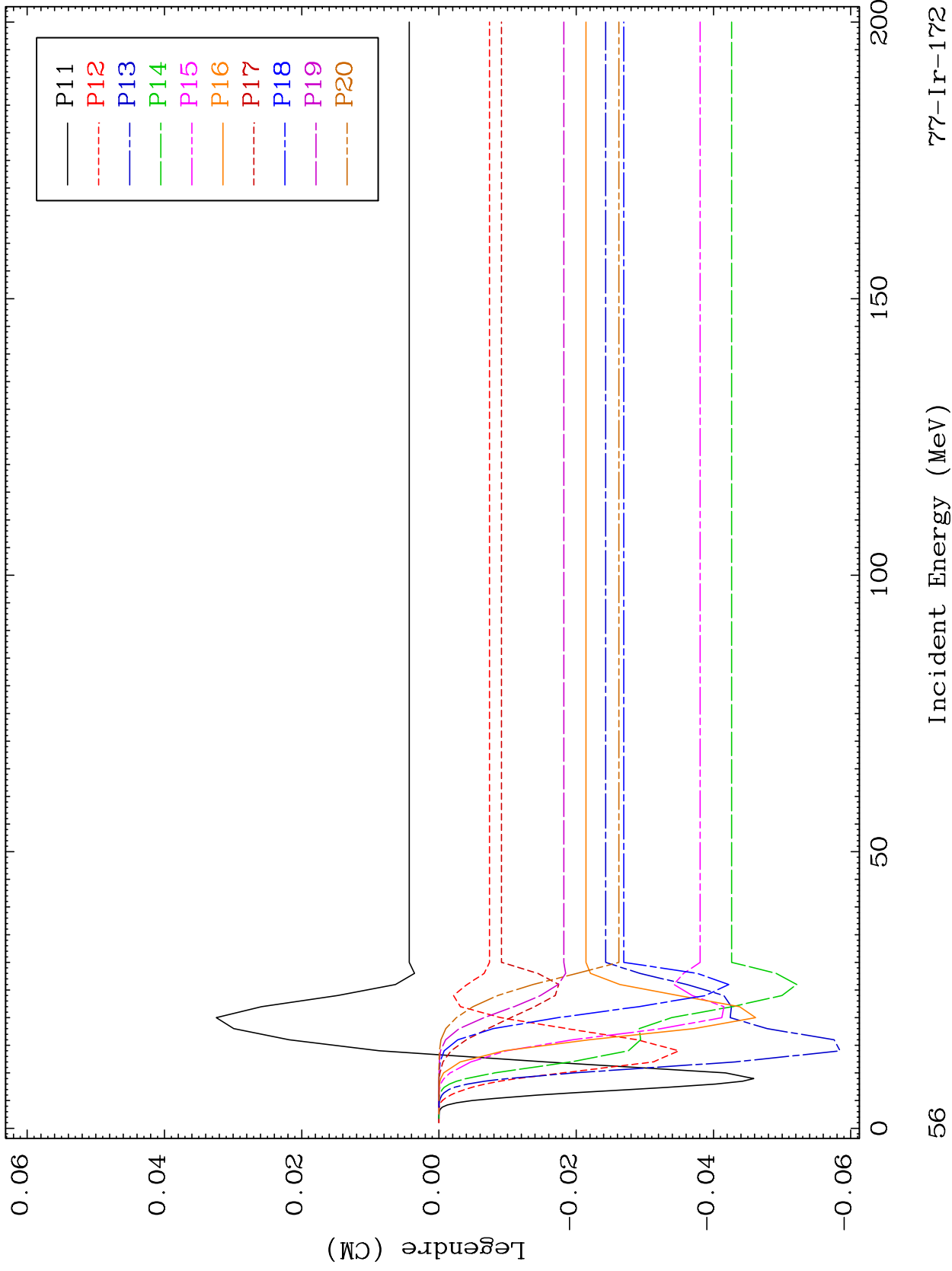
Incident Energy (MeV)

55

MAT 7668

219.3 keV (n,n') Level
Legendre Coefficients

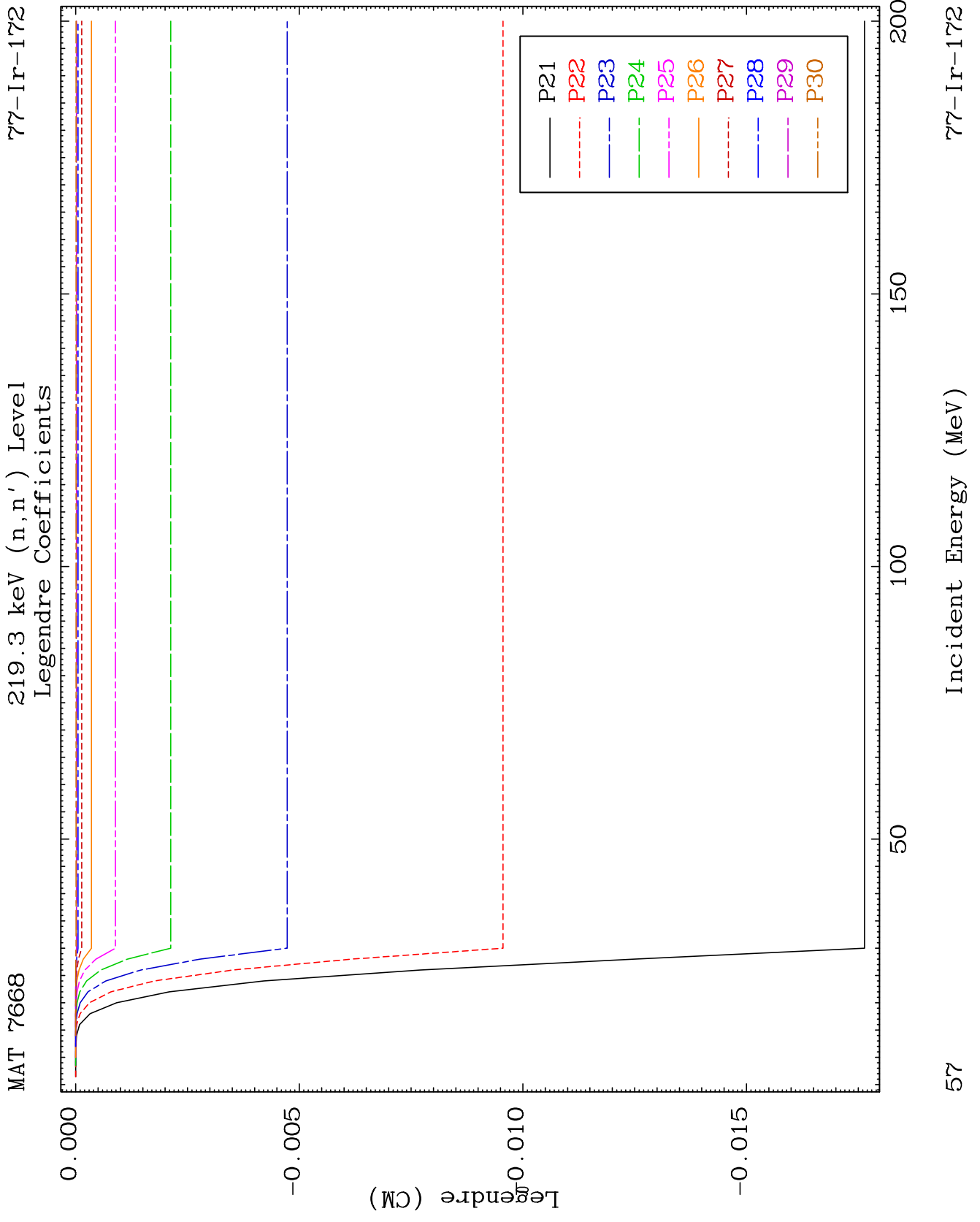
77-Ir-172

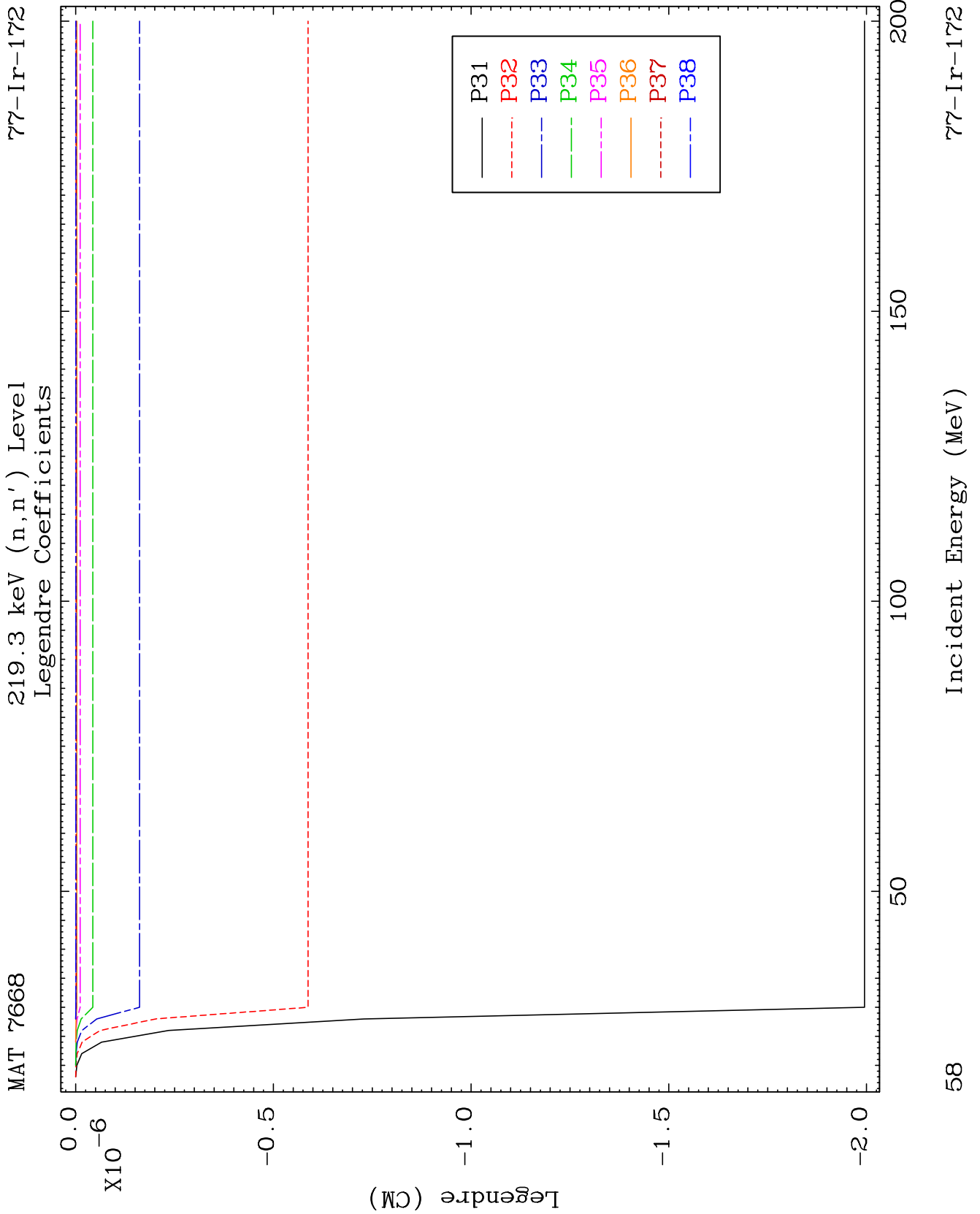


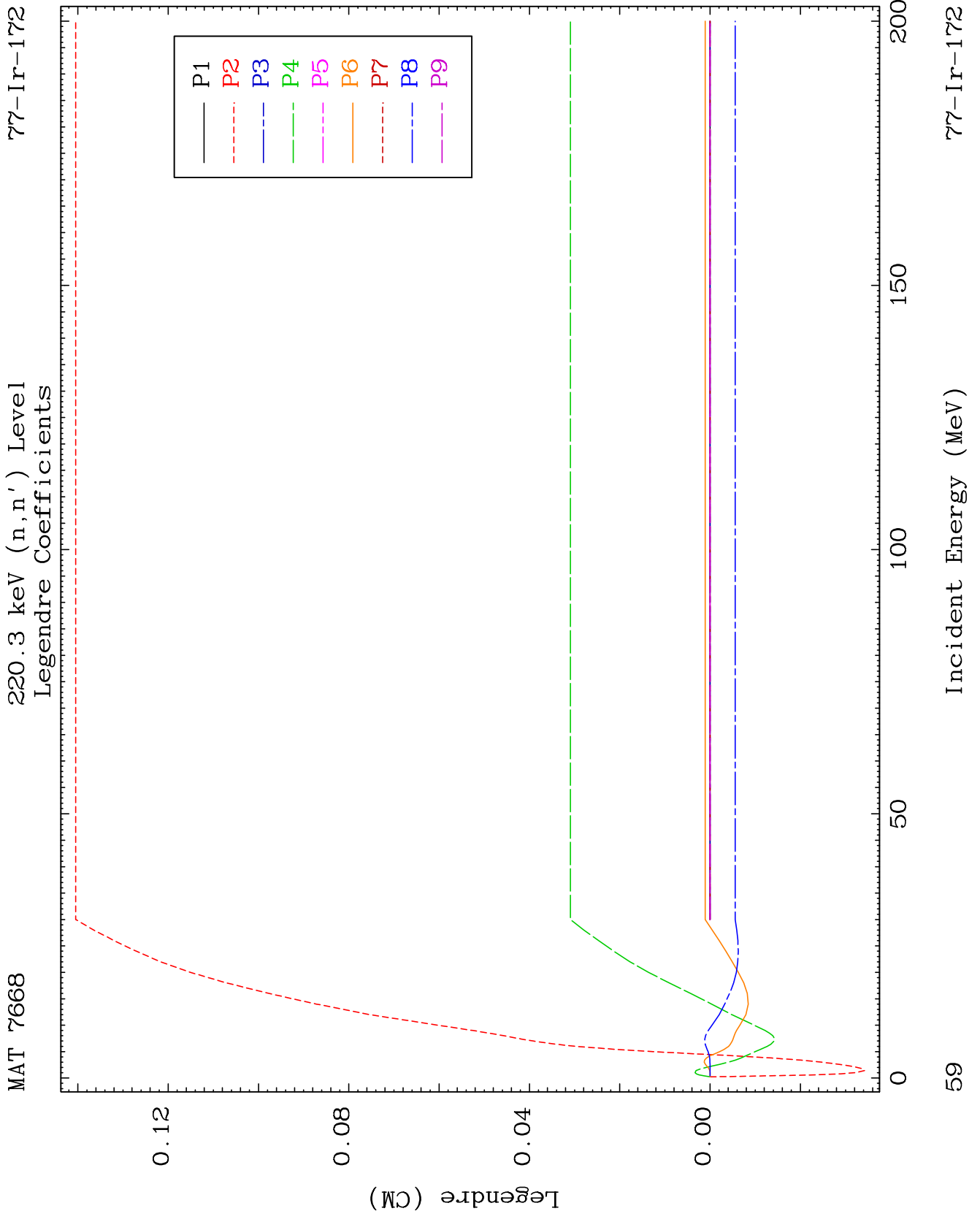
77-Ir-172

Incident Energy (MeV)

56



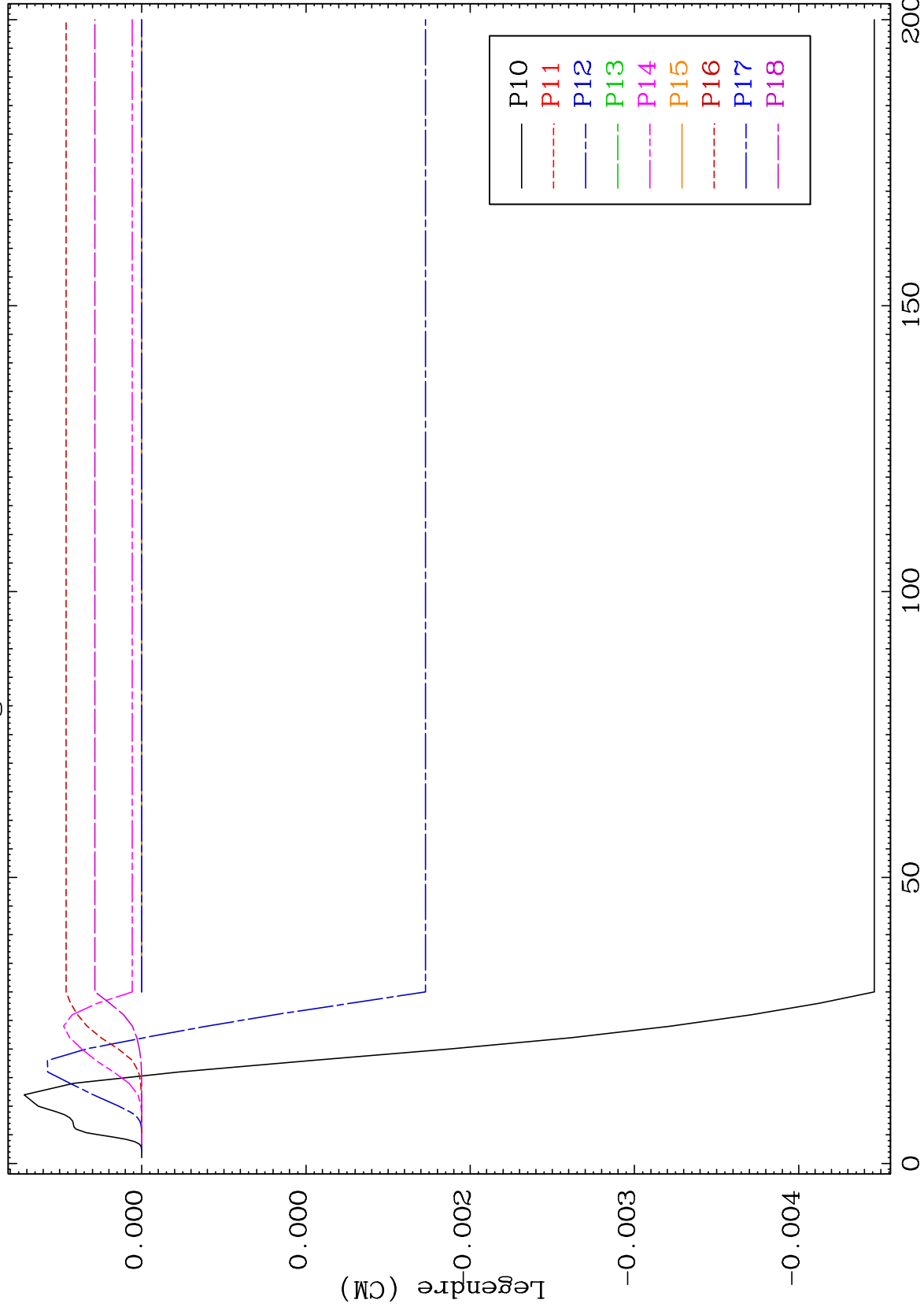




MAT 7668

220.3 keV (n,n') Level
Legendre Coefficients

77-Ir-172



77-Ir-172

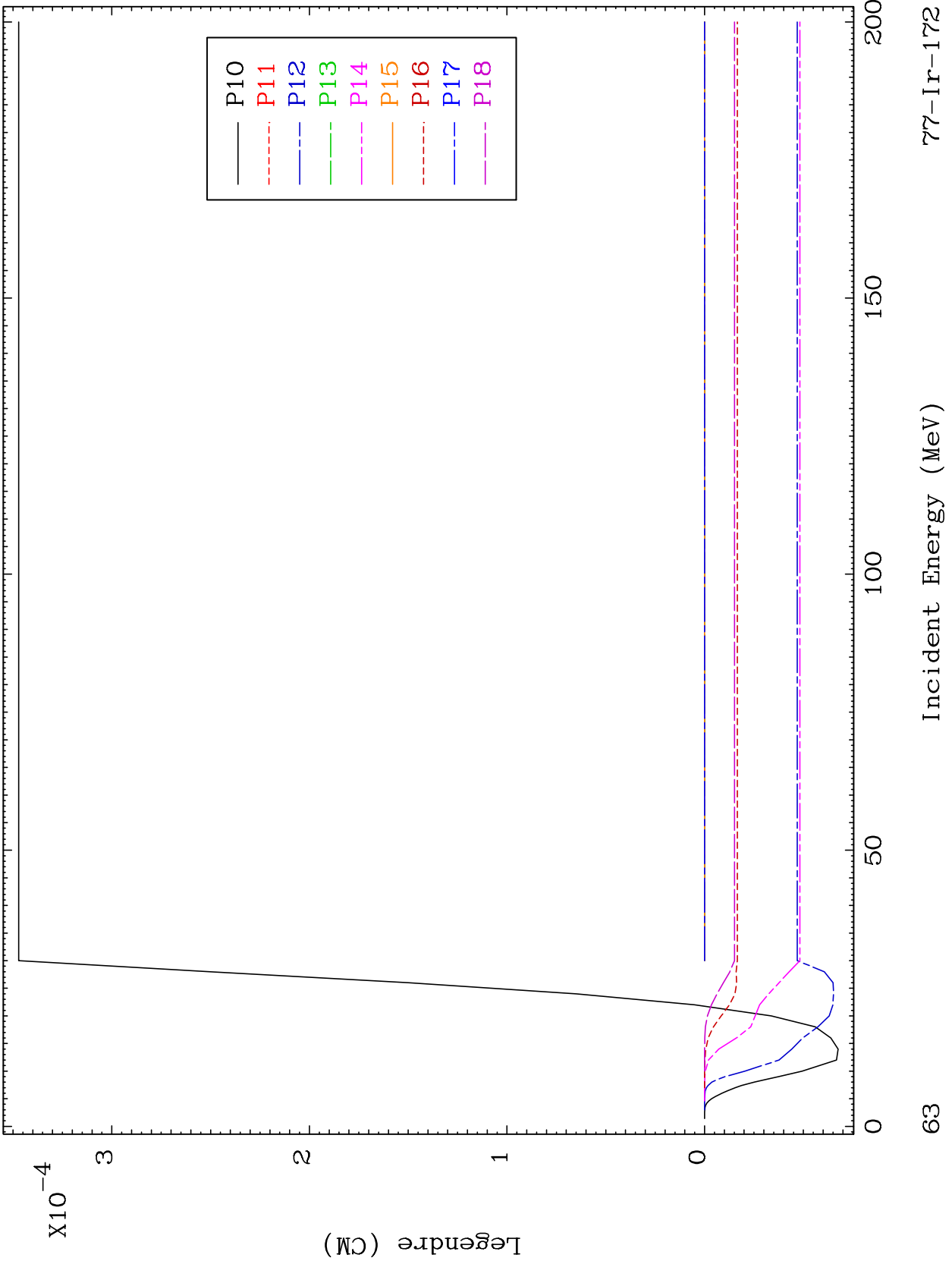
Incident Energy (MeV)

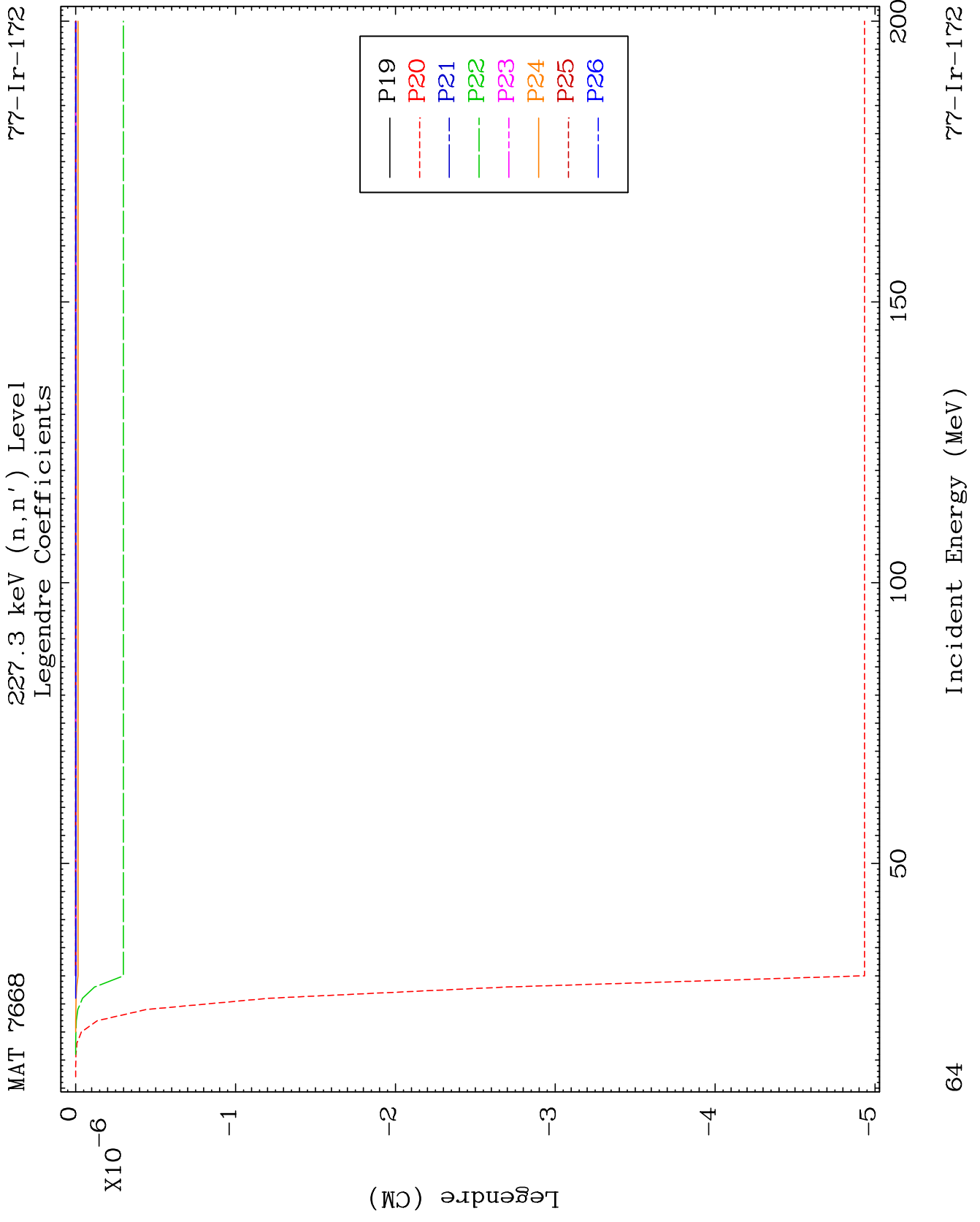
60

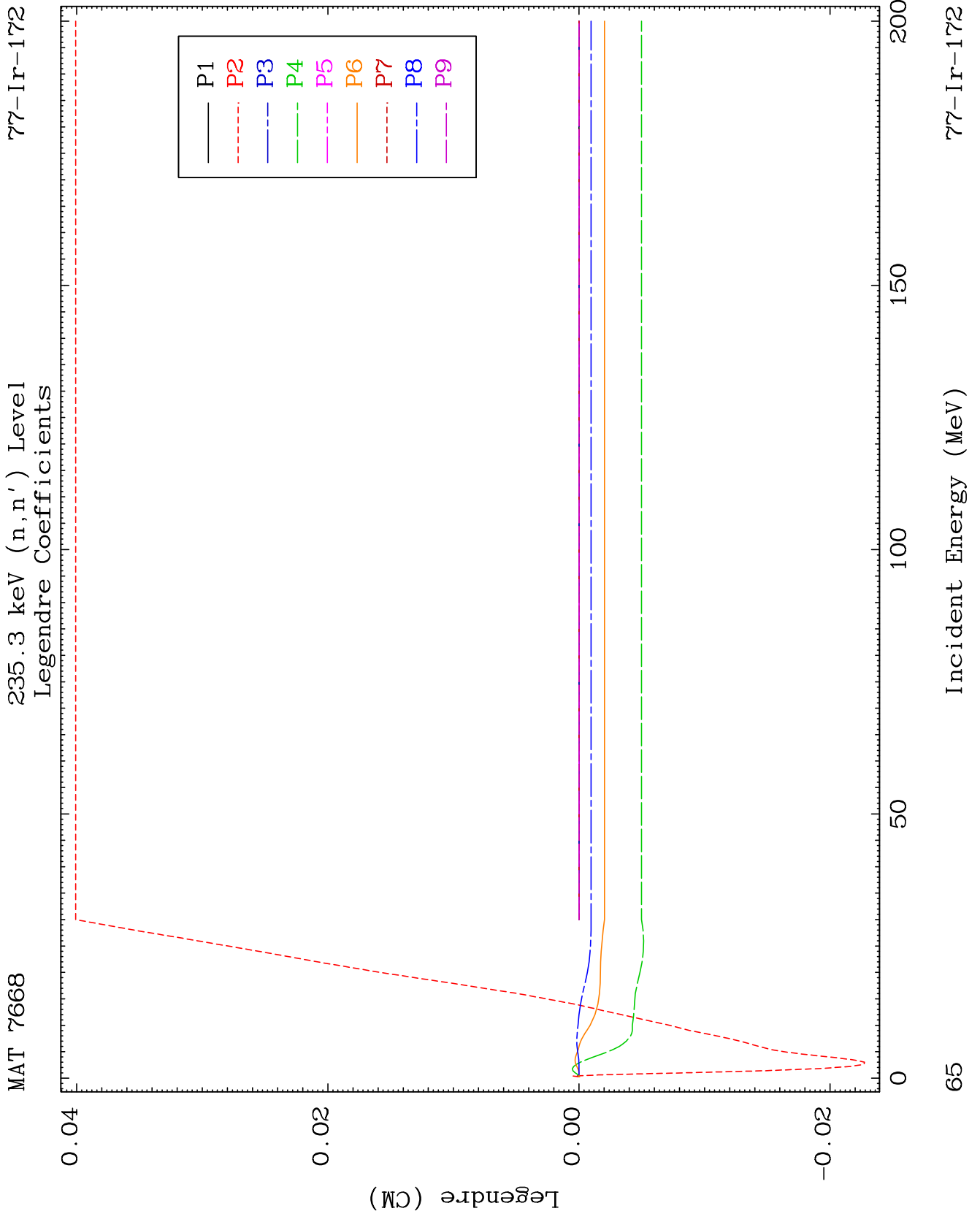
MAT 7668

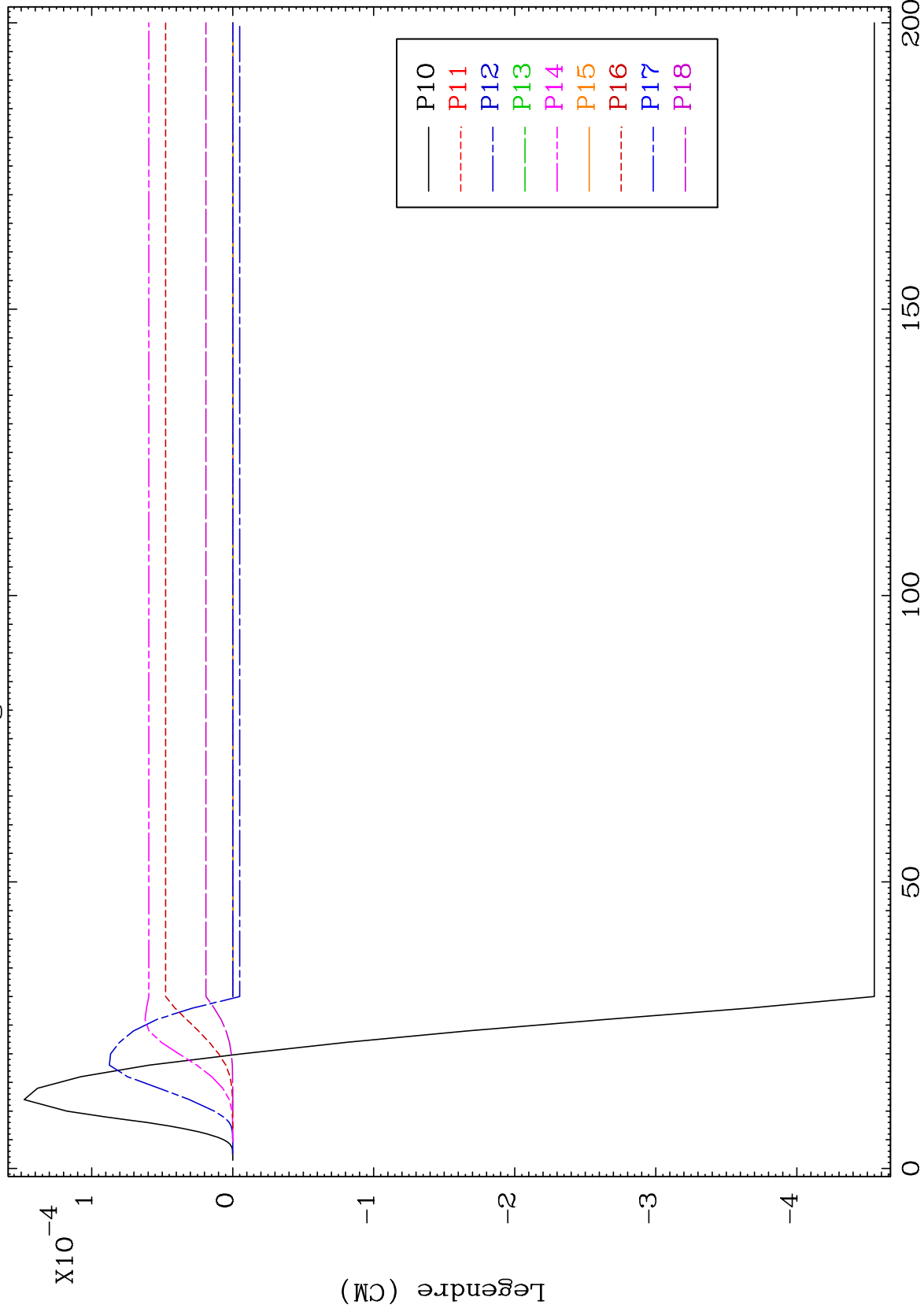
227.3 keV (n,n') Level
Legendre Coefficients

77-Ir-172





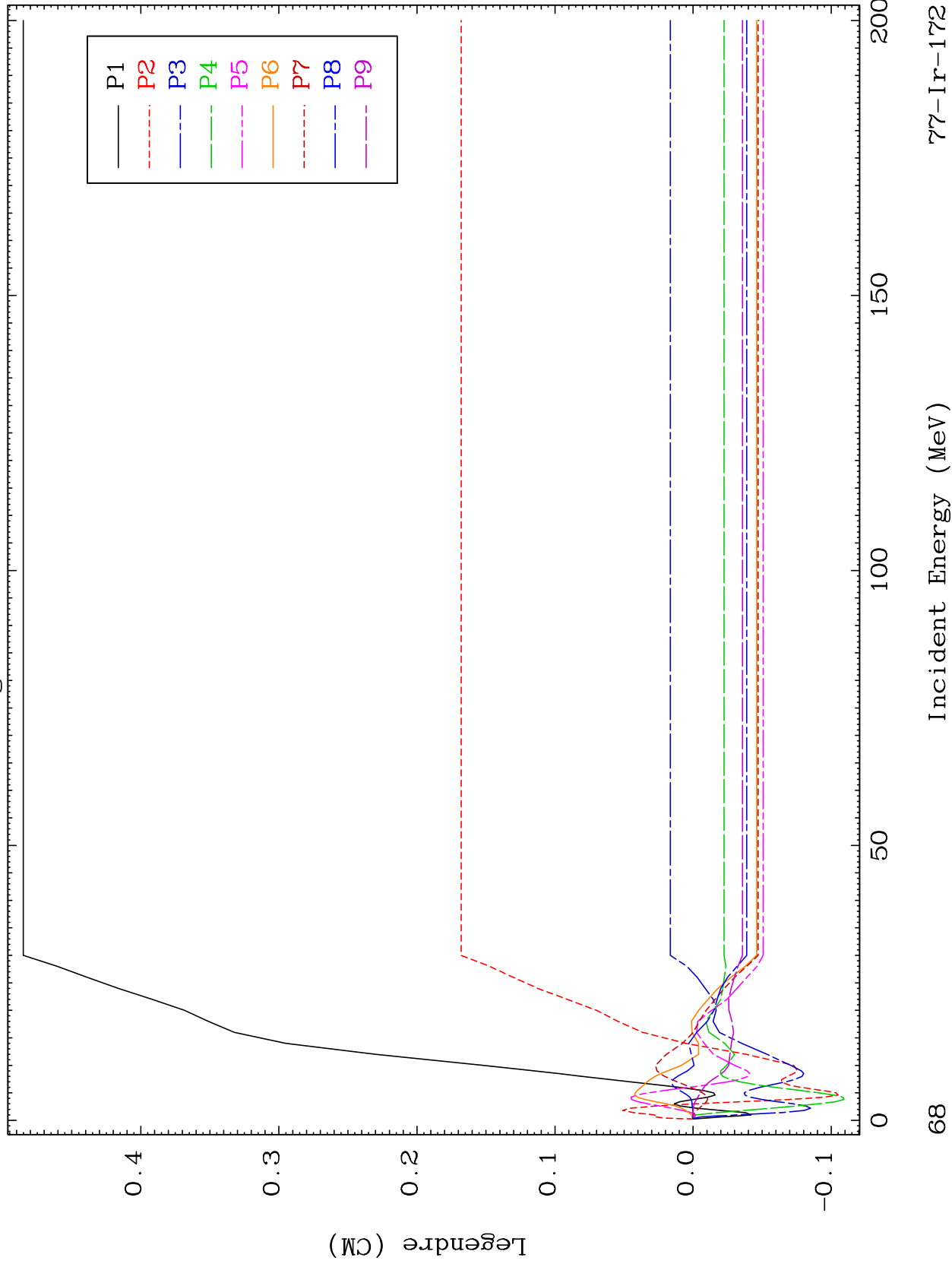


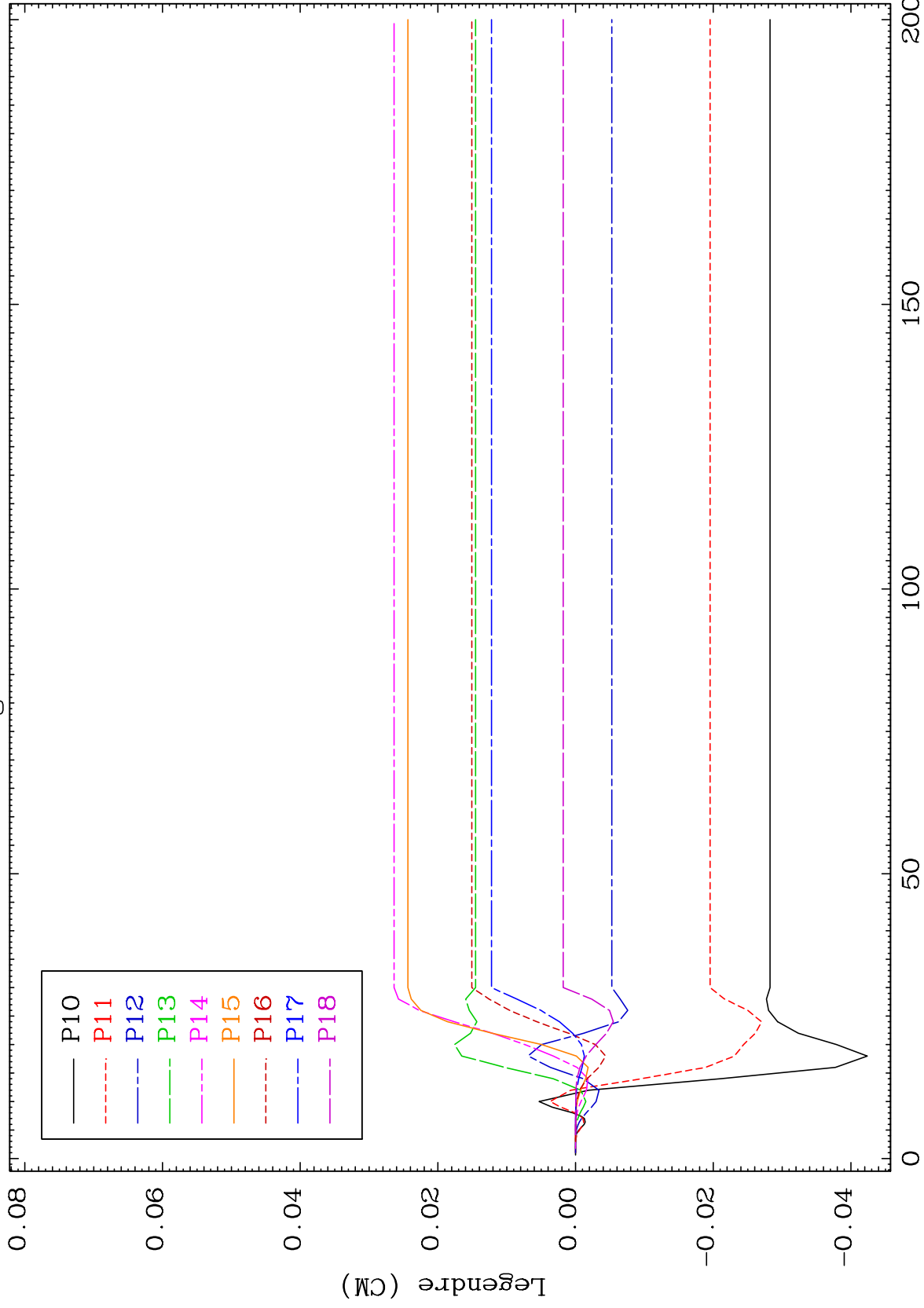


MAT 7668

236.3 keV (n,n') Level
Legendre Coefficients

77-Ir-172

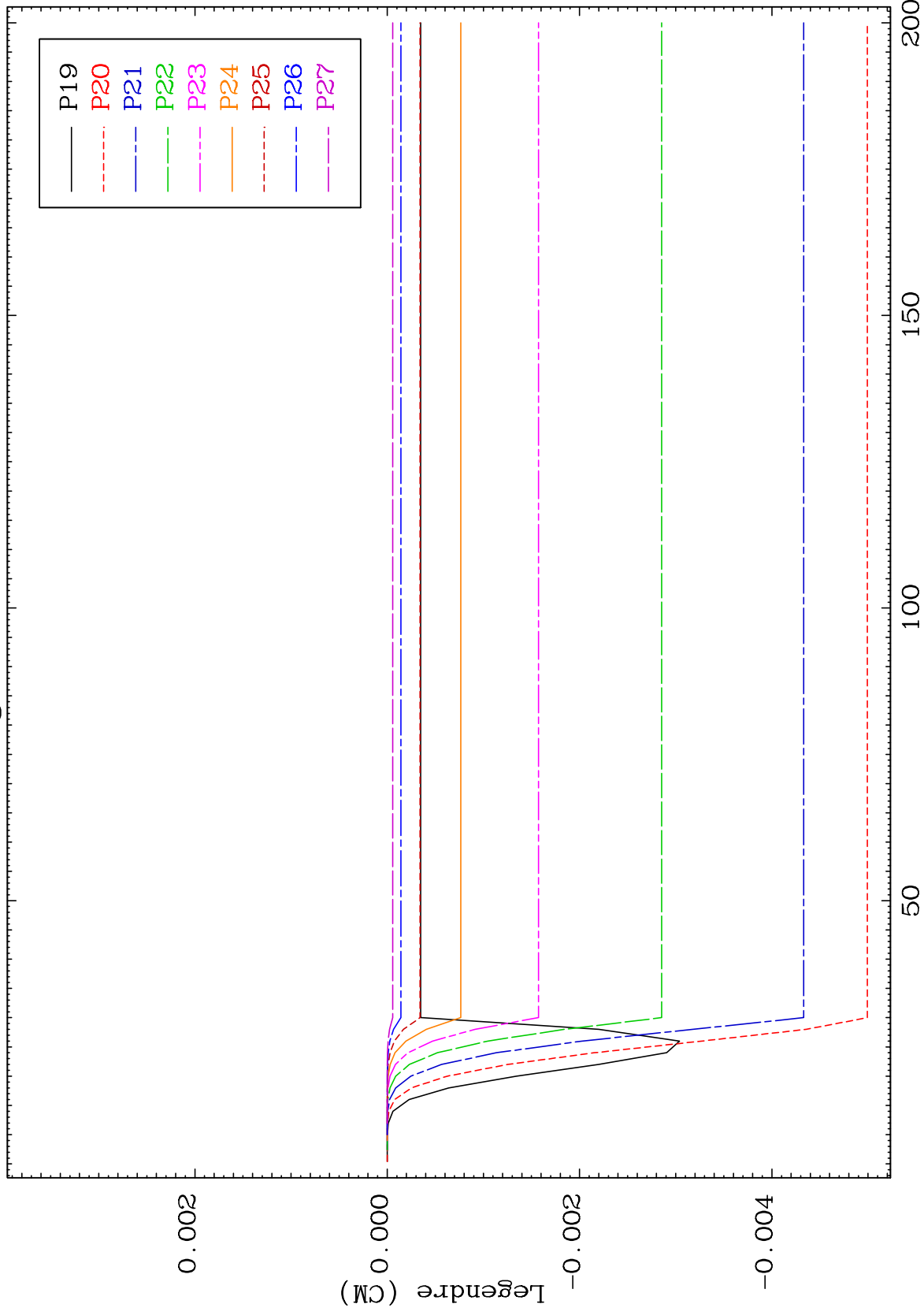




MAT 7668

236.3 keV (n,n') Level
Legendre Coefficients

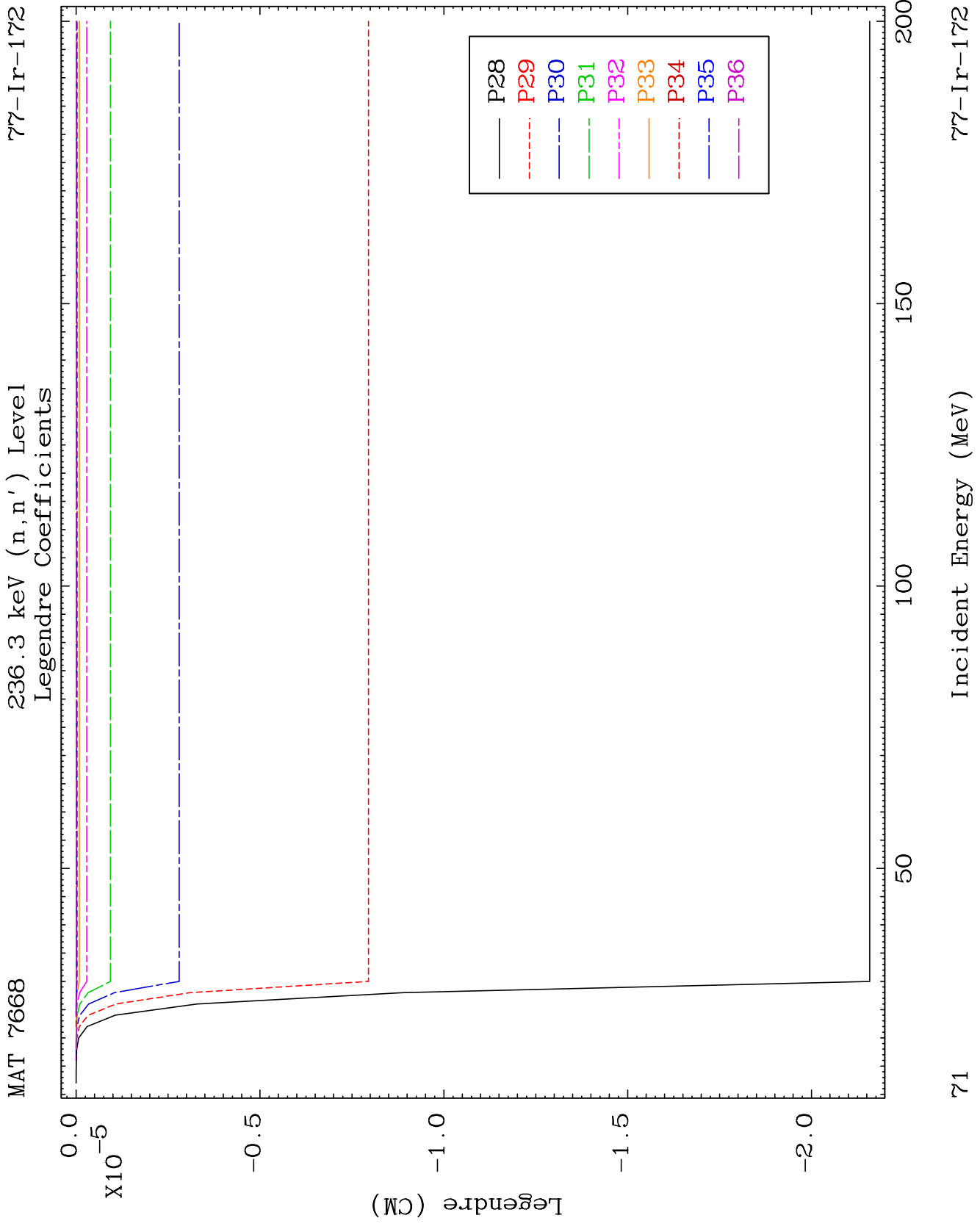
77-Ir-172



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Incident Energy (MeV)

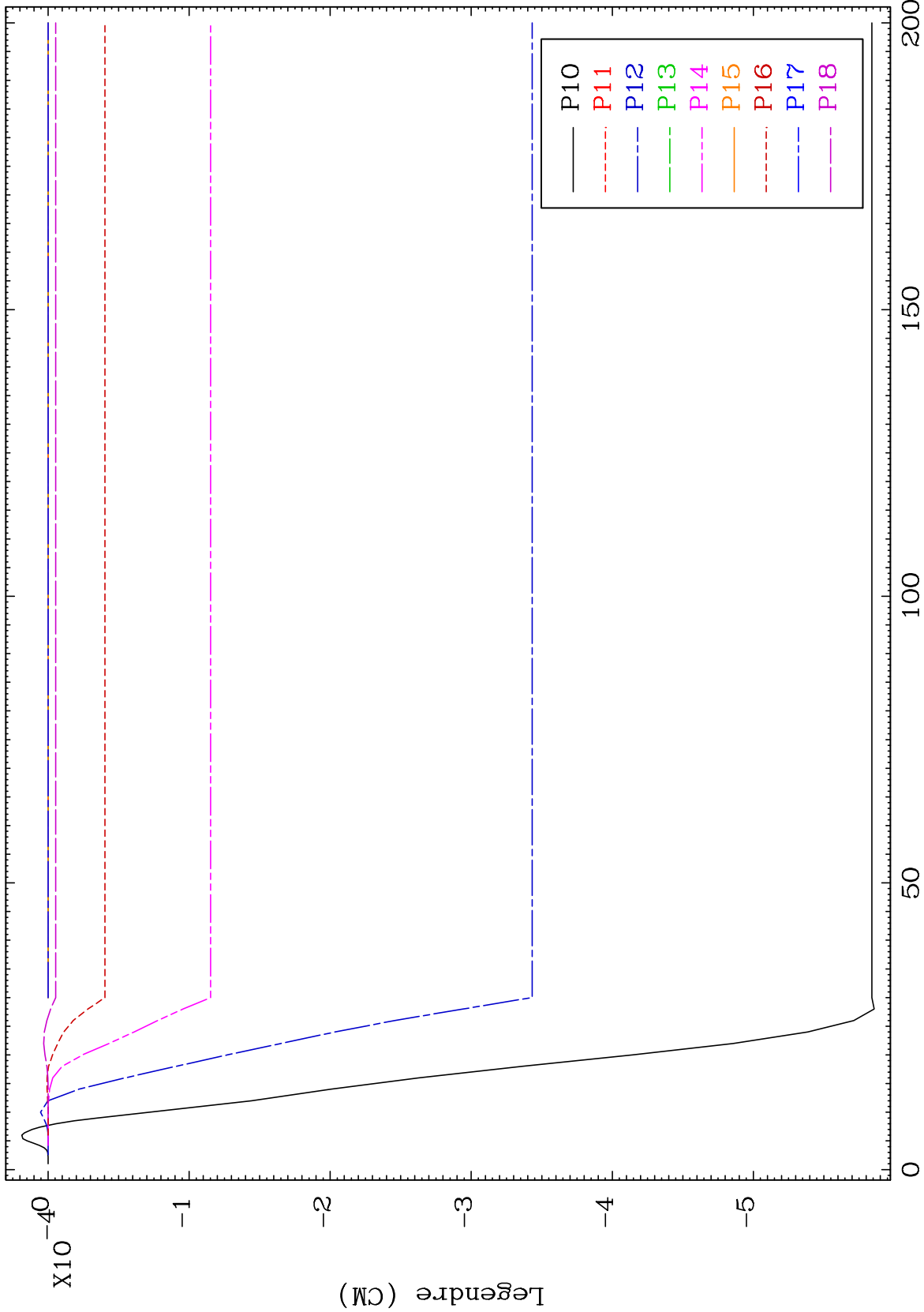
77-Ir-172



MAT 7668

243.9 keV (n,n') Level
Legendre Coefficients

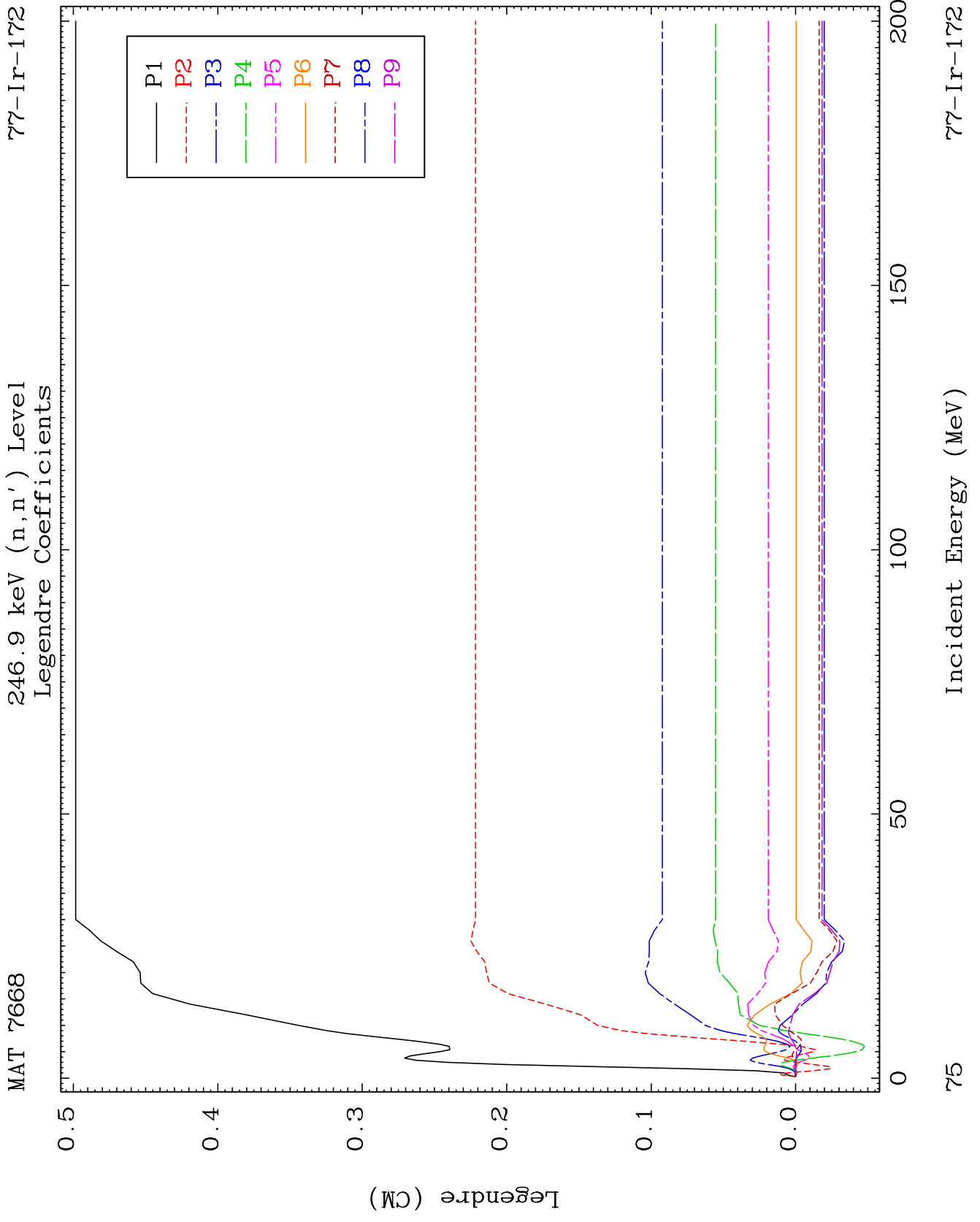
77-Ir-172



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Incident Energy (MeV)

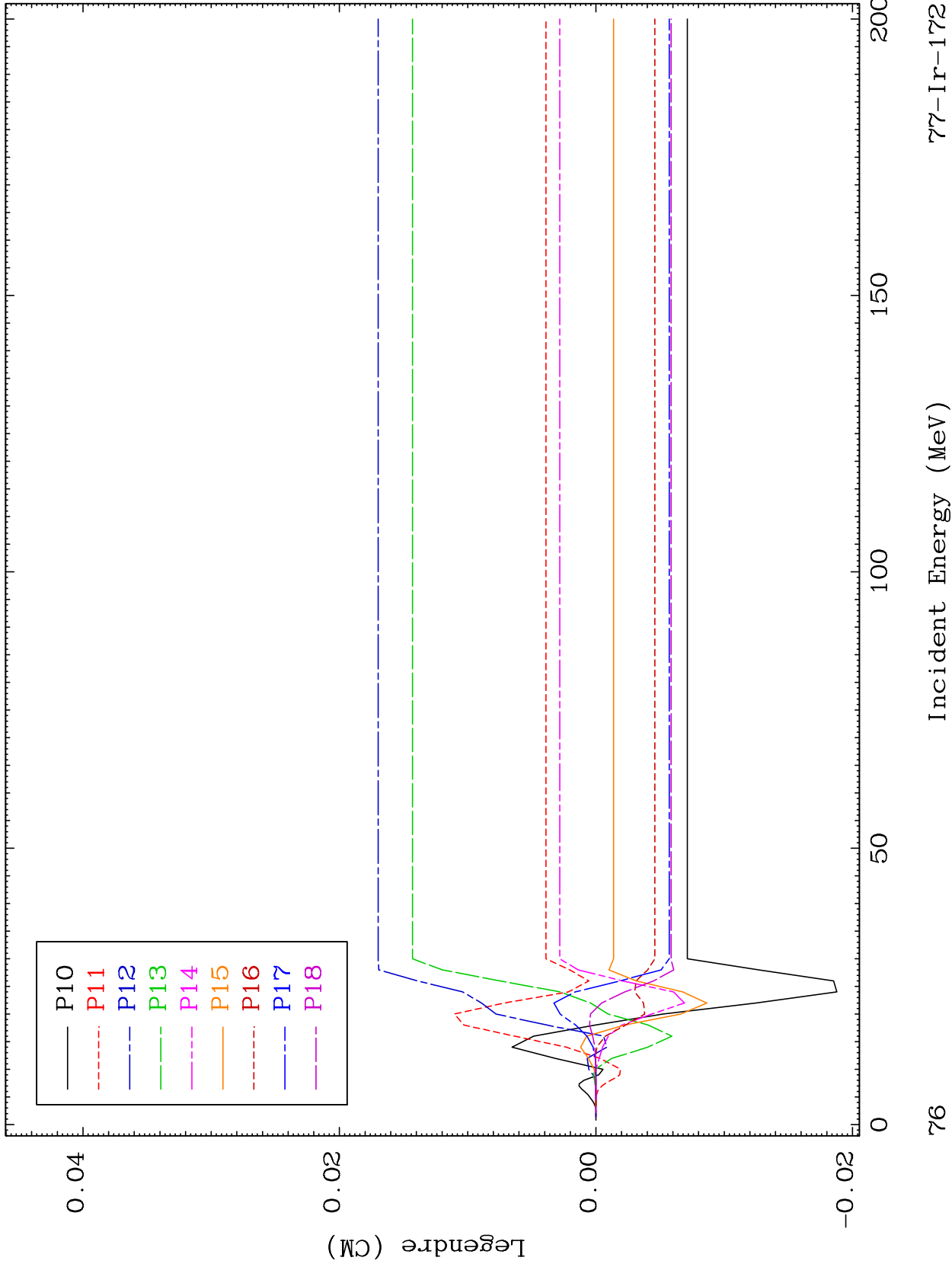
77-Ir-172



MAT 7668

246.9 keV (n,n') Level
Legendre Coefficients

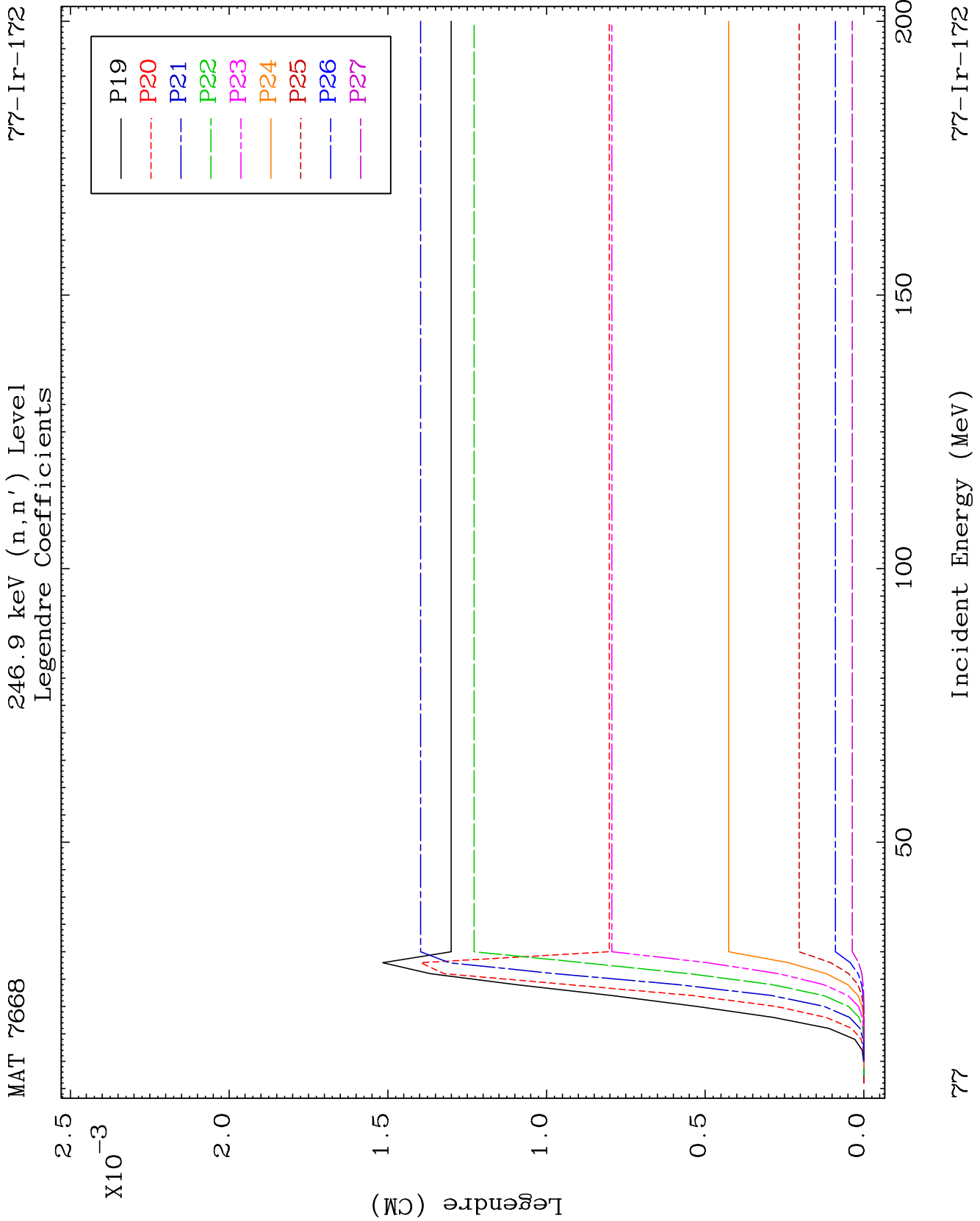
77-Ir-172



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Incident Energy (MeV)

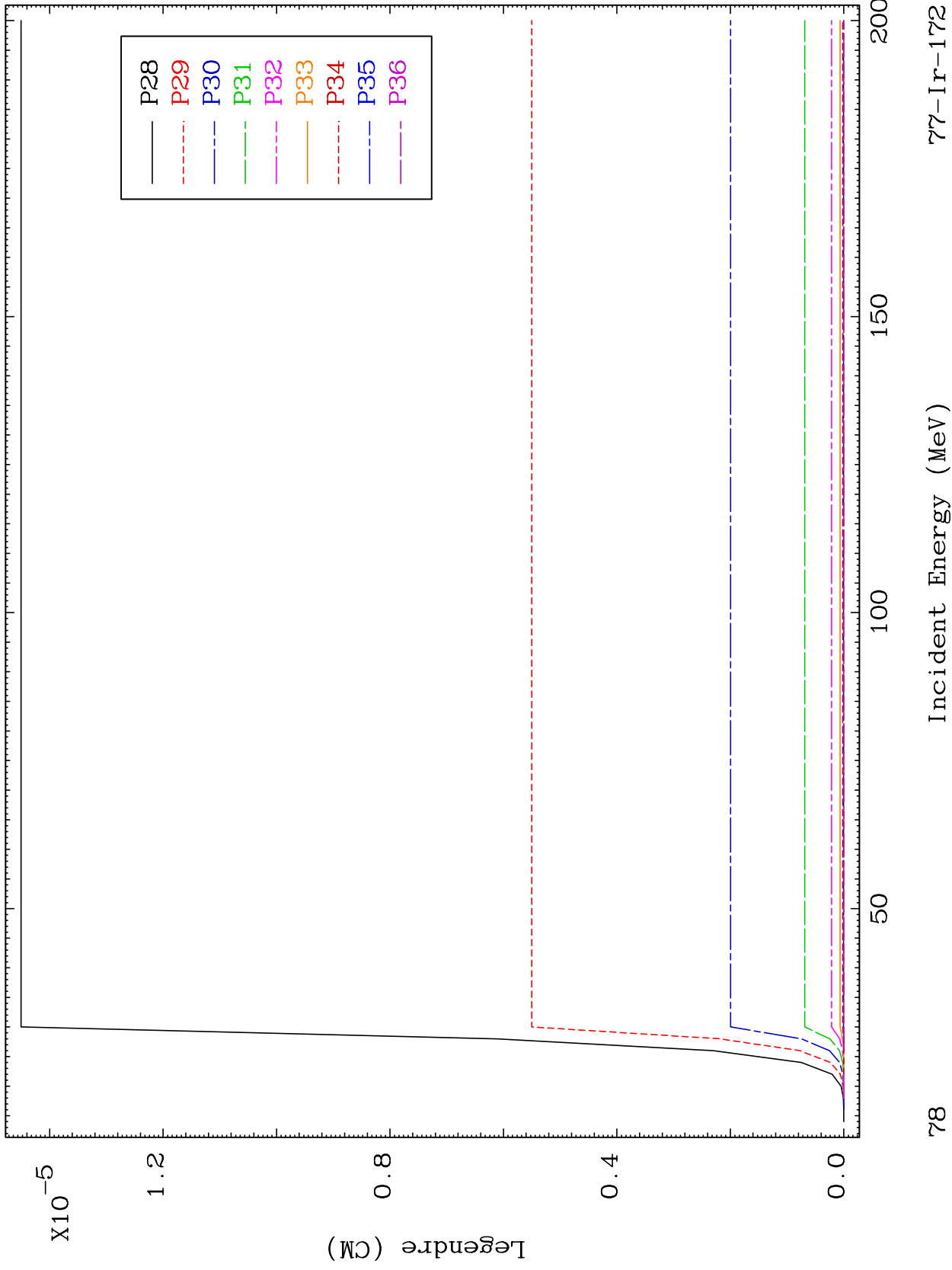
77-Ir-172



MAT 7668

246.9 keV (n,n') Level
Legendre Coefficients

77-Ir-172

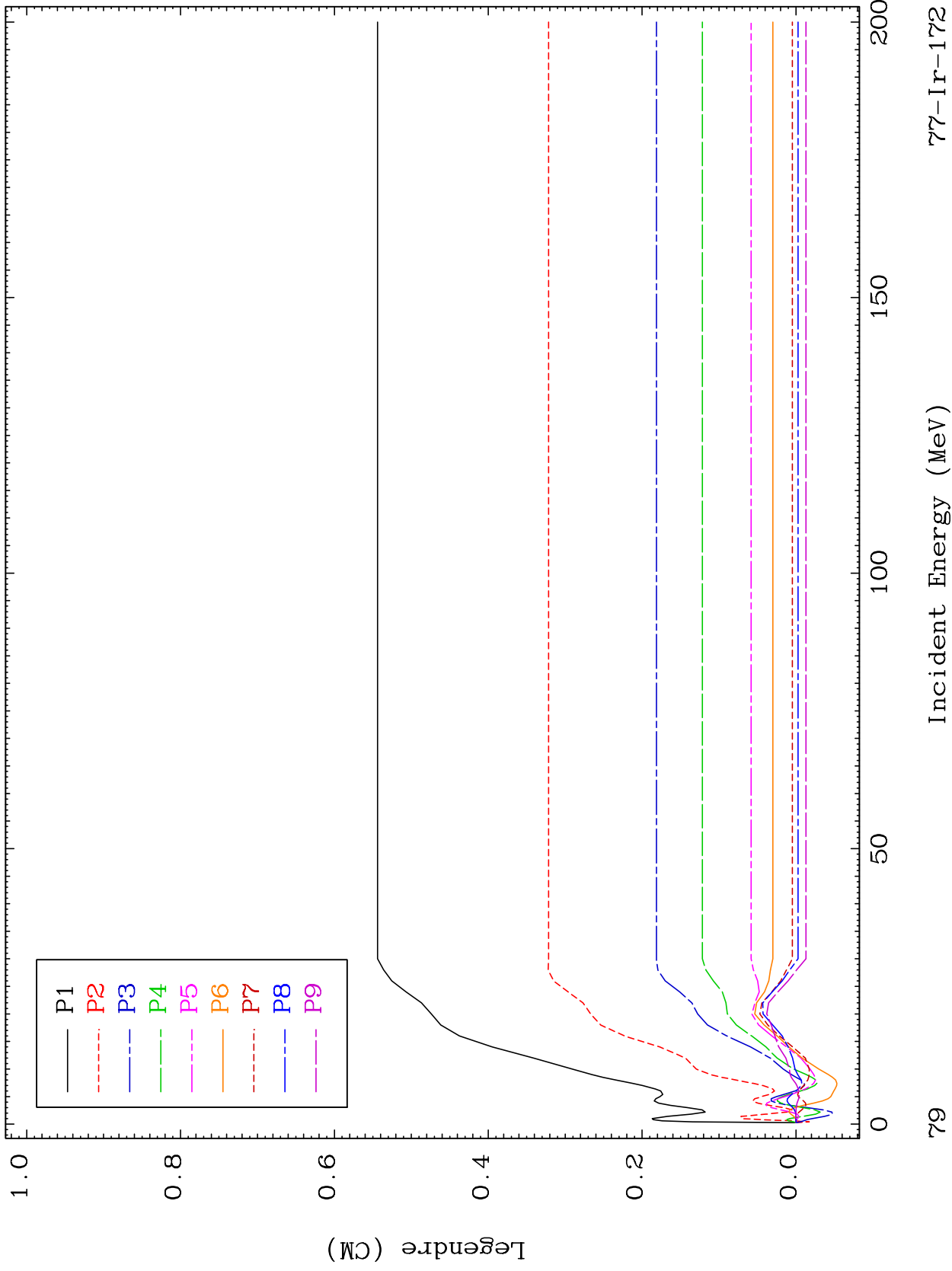


78

MAT 7668

252.0 keV (n, n') Level
Legendre Coefficients

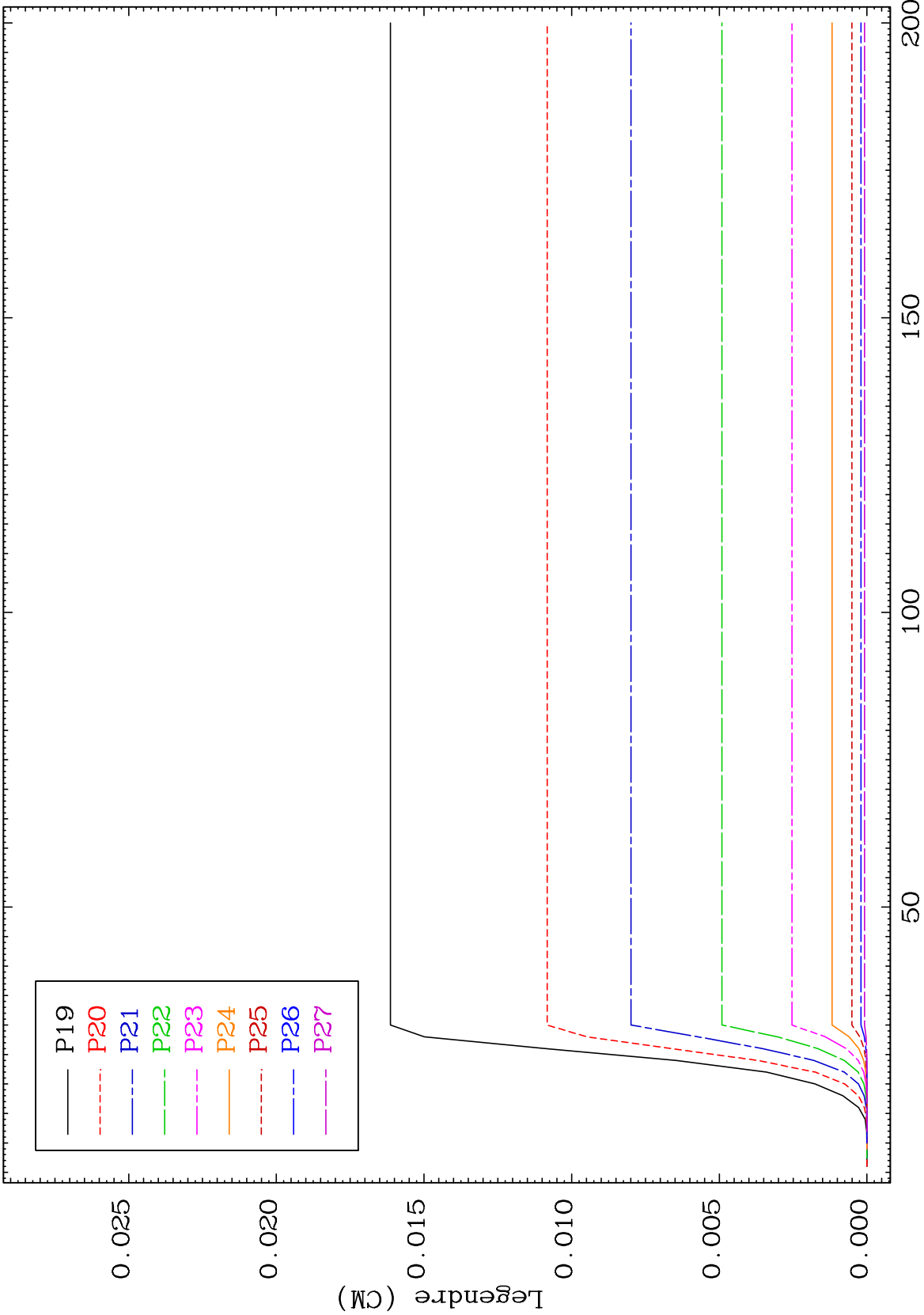
⁷⁷Ir-172



⁷⁷Ir-172

Incident Energy (MeV)

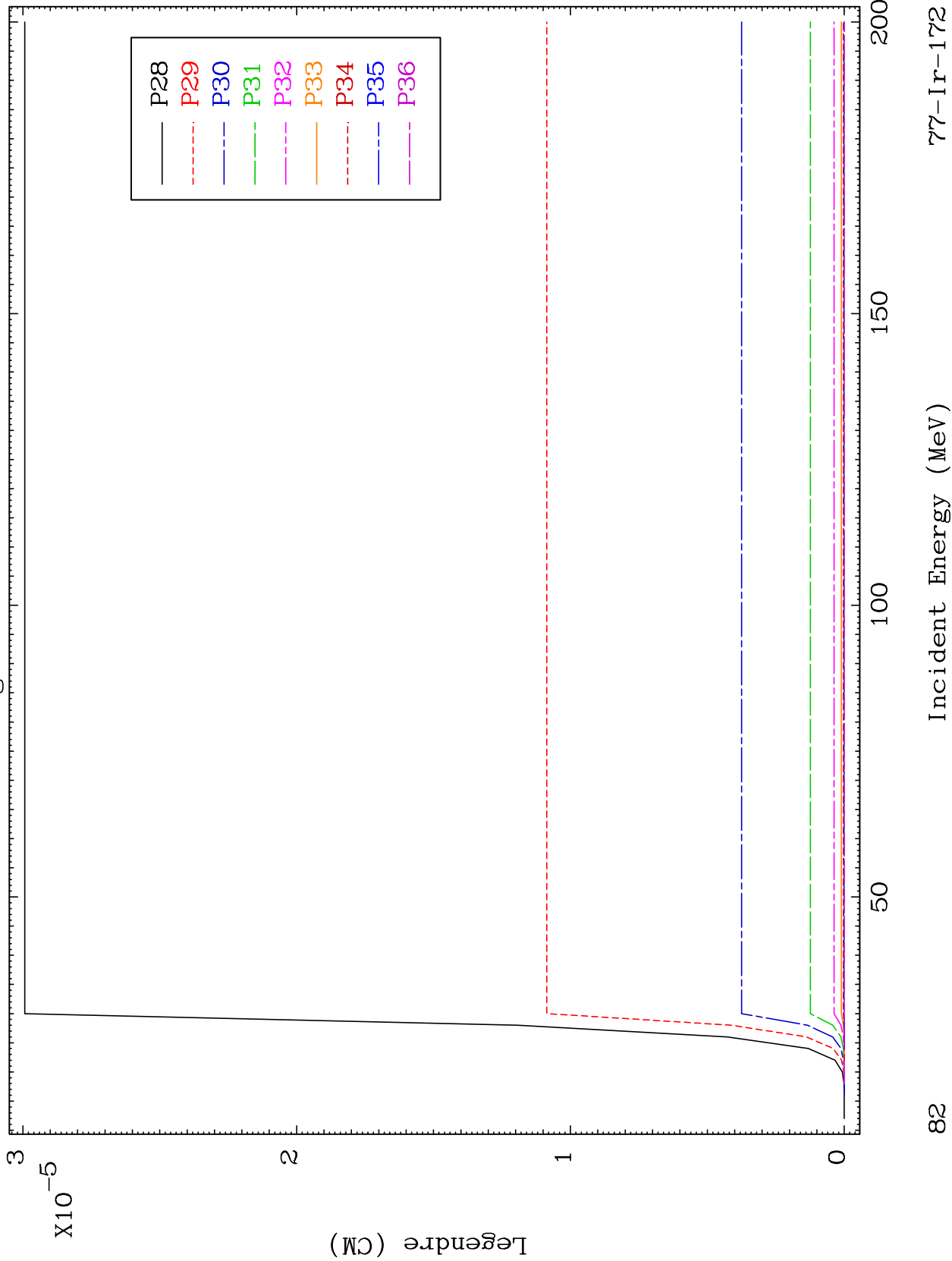
79



MAT 7668

252.0 keV (n,n') Level
Legendre Coefficients

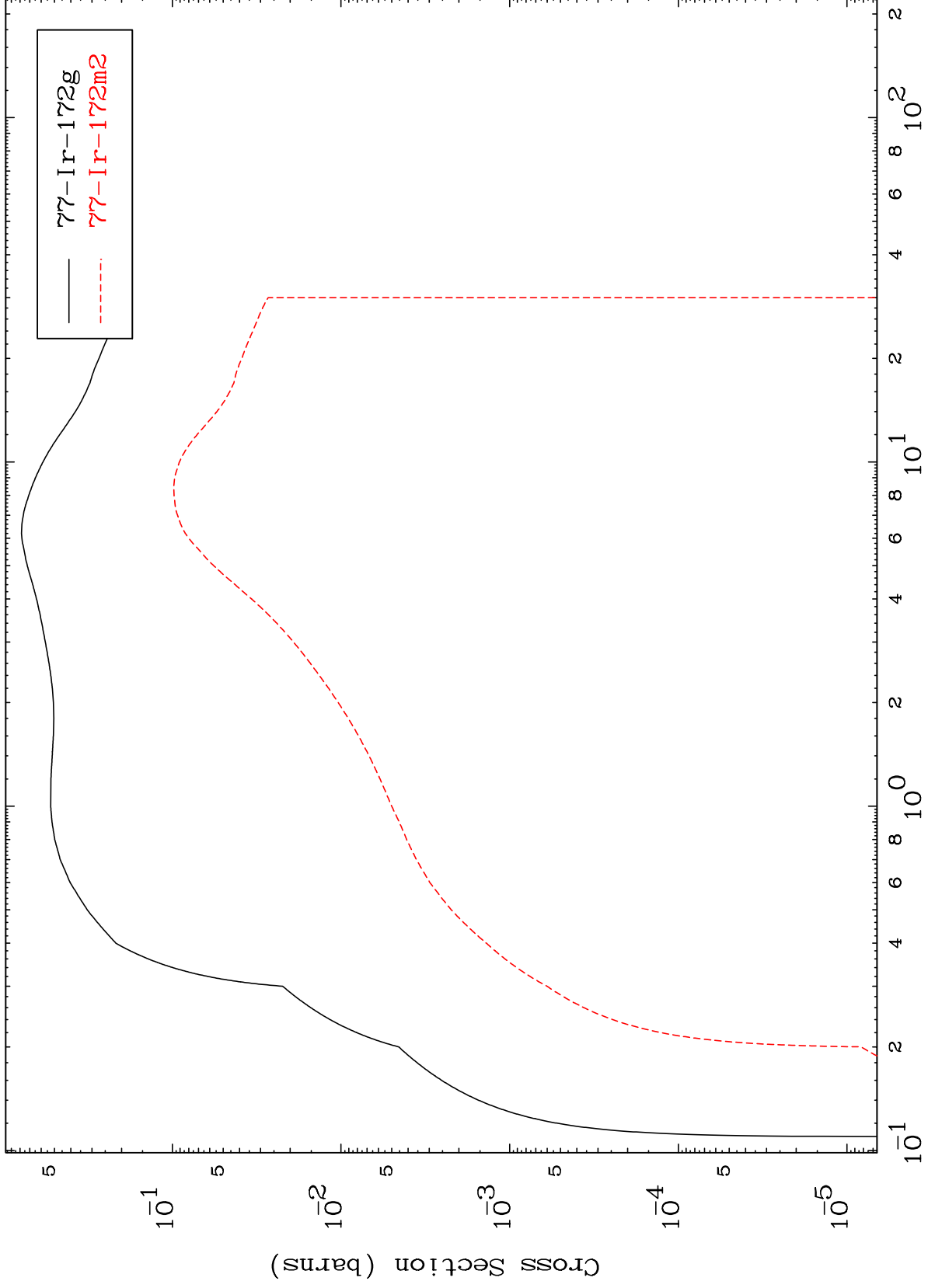
77-Ir-172



MAT 7668

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-172



Incident Energy (MeV)

⁷⁷Ir-172

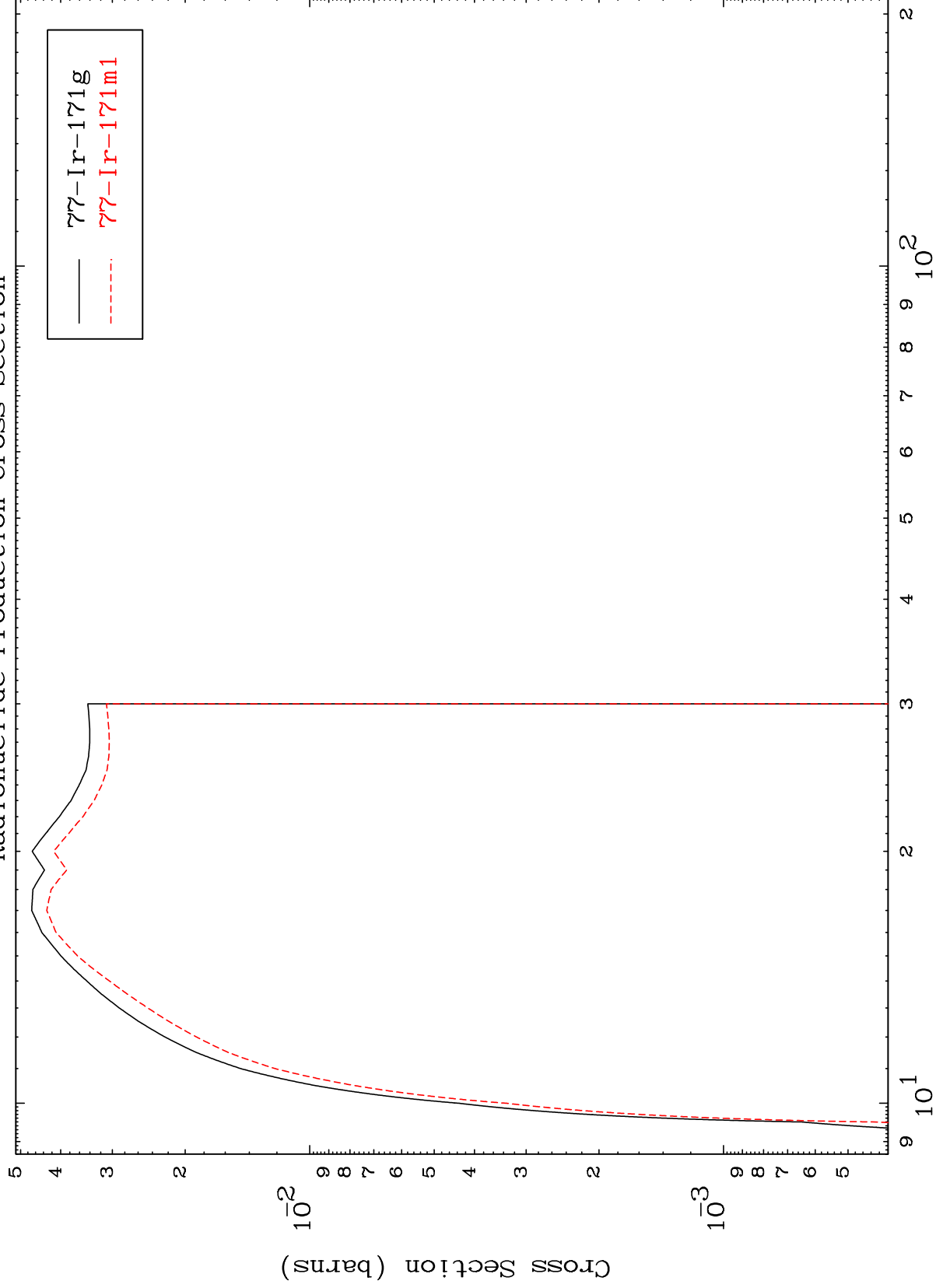
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MAT 7668

(n,2n)

⁷⁷Ir-172

Radionuclide Production Cross Section



84

Incident Energy (MeV)

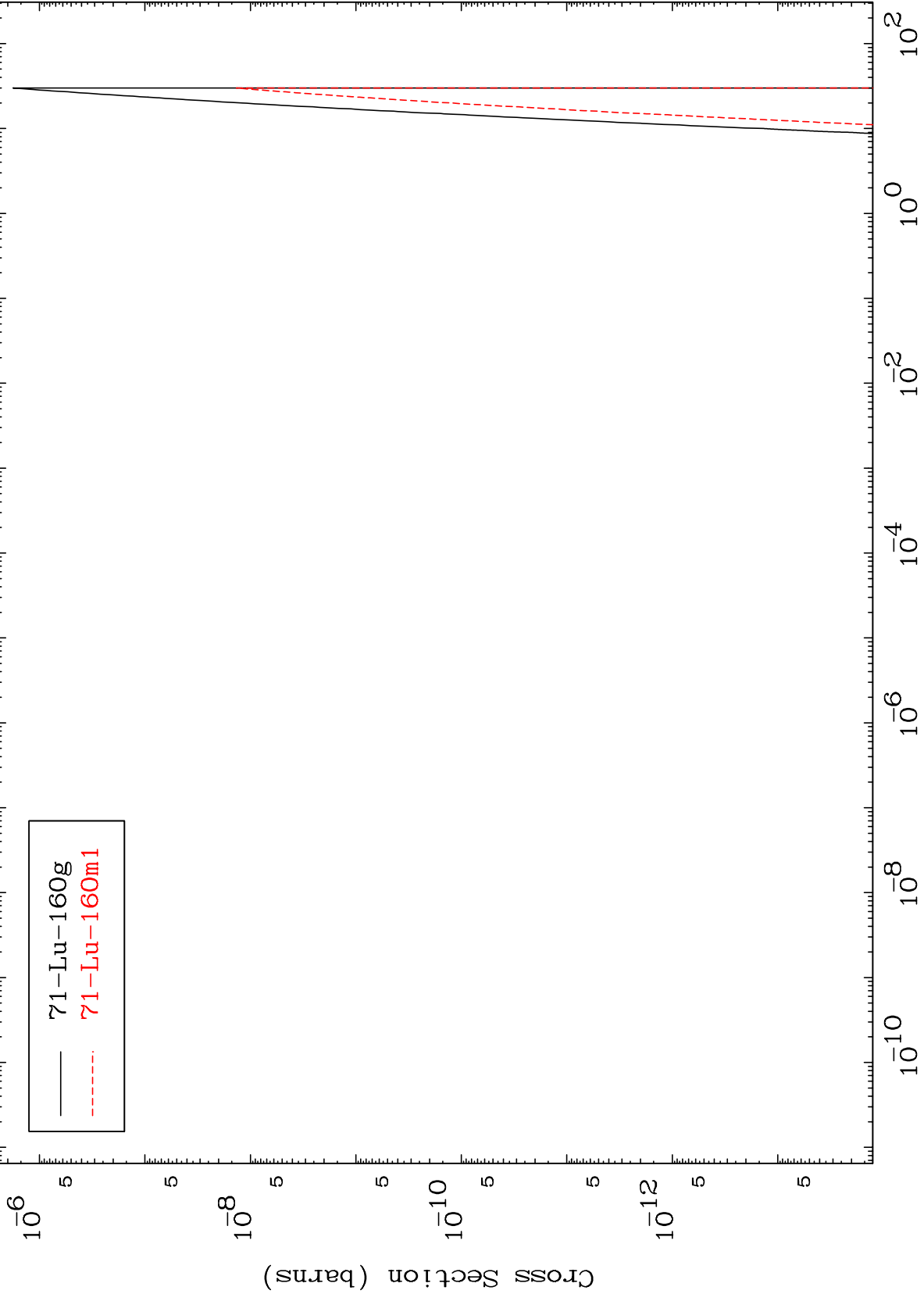
⁷⁷Ir-172

MAT 7668

(n,n') 3 α

⁷⁷Ir-172

Radionuclide Production Cross Section



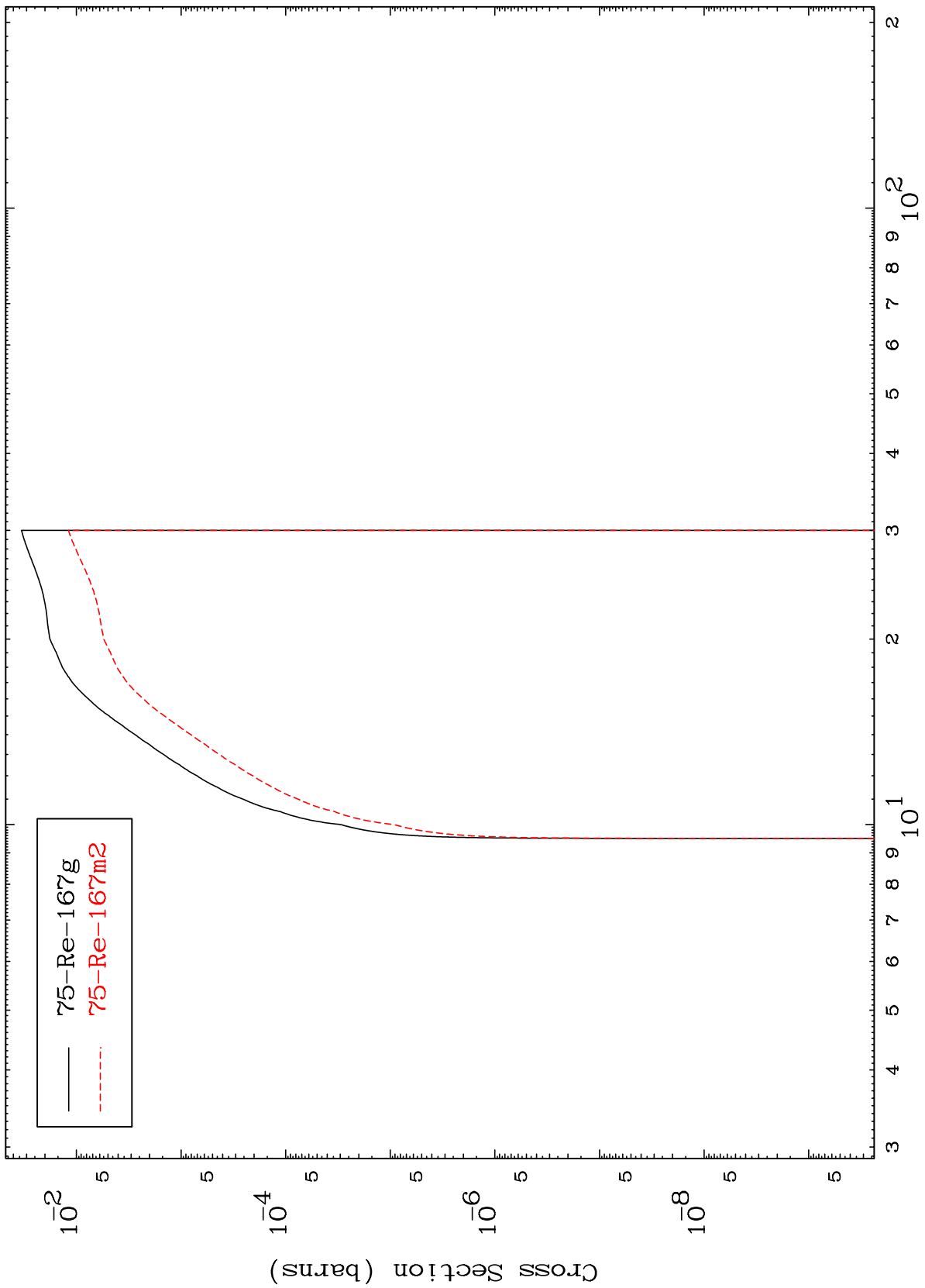
— 71-Lu-160g
- - - 71-Lu-160m1

MAT 7668

$(n,2n) \alpha$

$^{77}\text{Ir-172}$

Radionuclide Production Cross Section



86

Incident Energy (MeV)

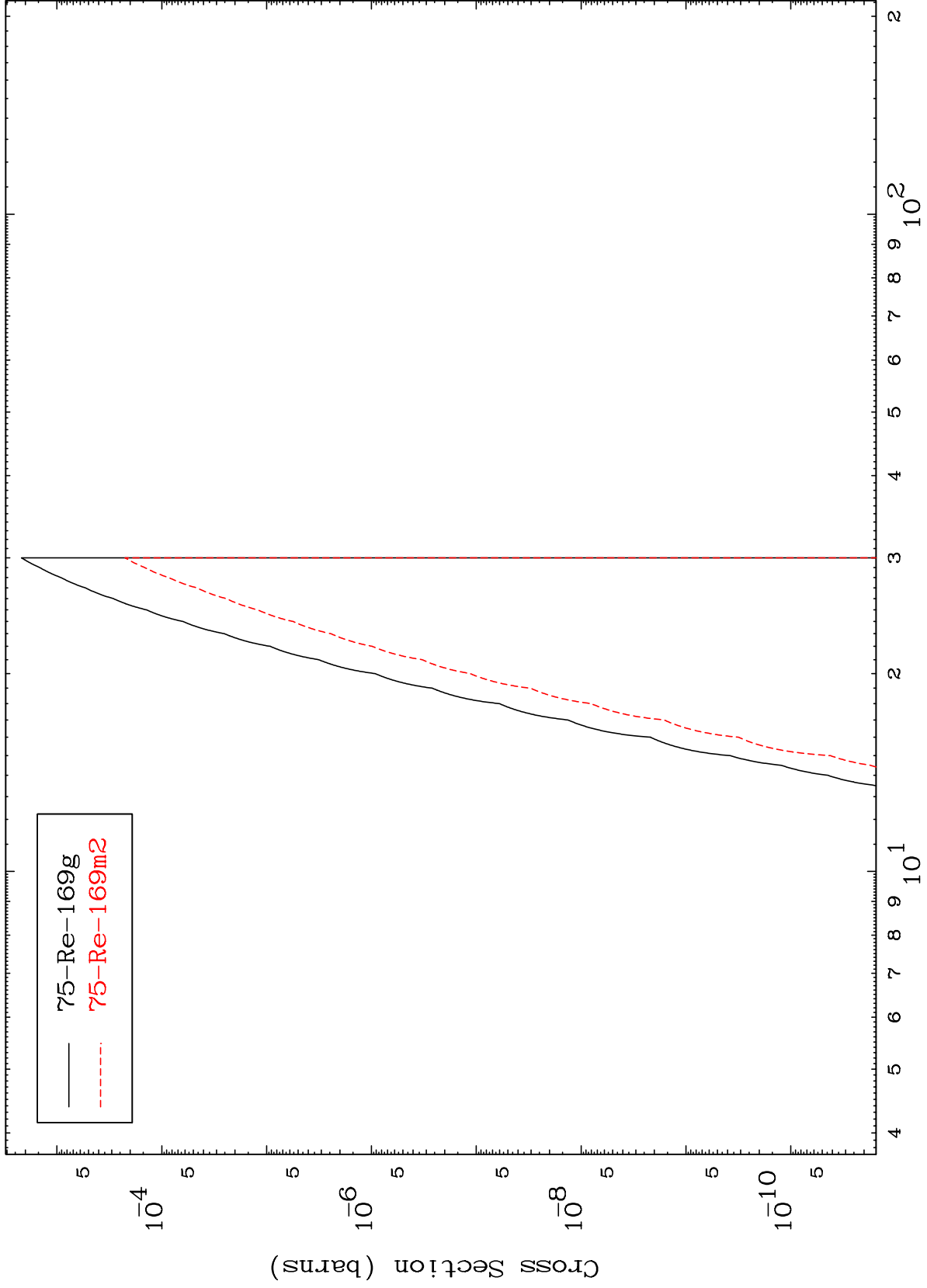
$^{77}\text{Ir-172}$

MAT 7668

(n,n') He-3

77-Ir-172

Radionuclide Production Cross Section



87

Incident Energy (MeV)

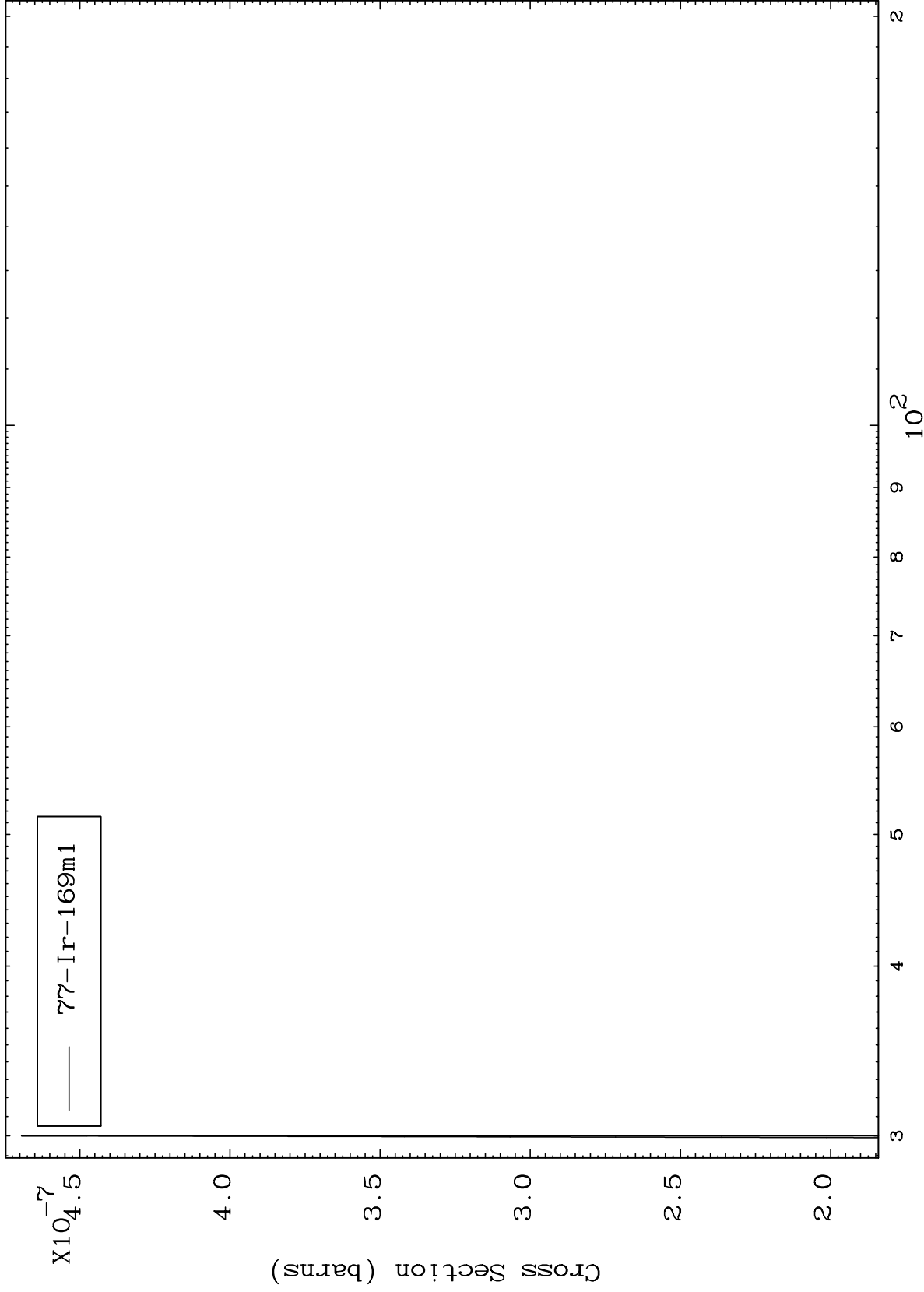
77-Ir-172

MAT 7668

(n,4n)

⁷⁷Ir-172

Radionuclide Production Cross Section



88

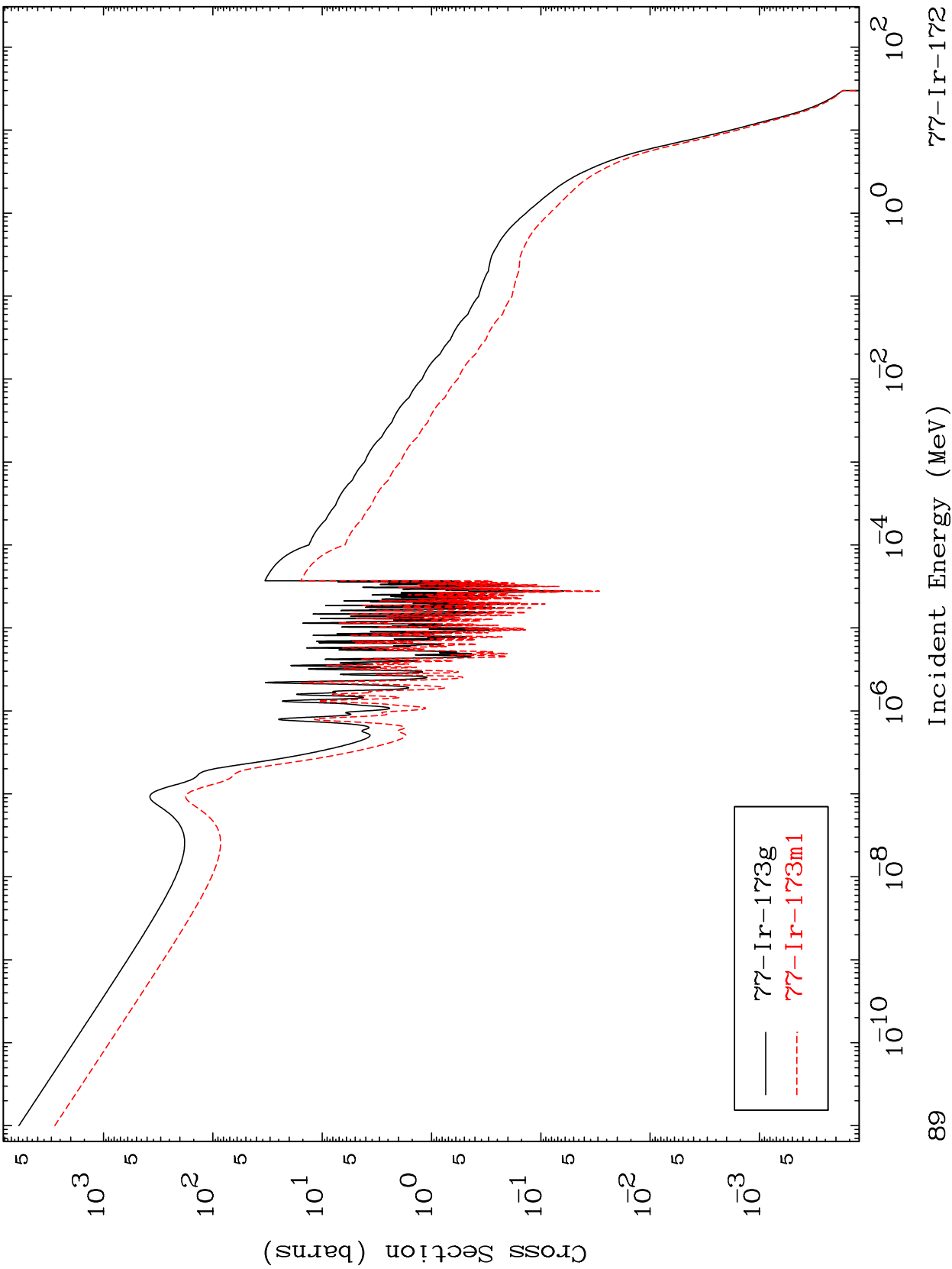
Incident Energy (MeV)

⁷⁷Ir-172

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⁷⁷Ir-172

Radionuclide Production Cross Section (n,γ)

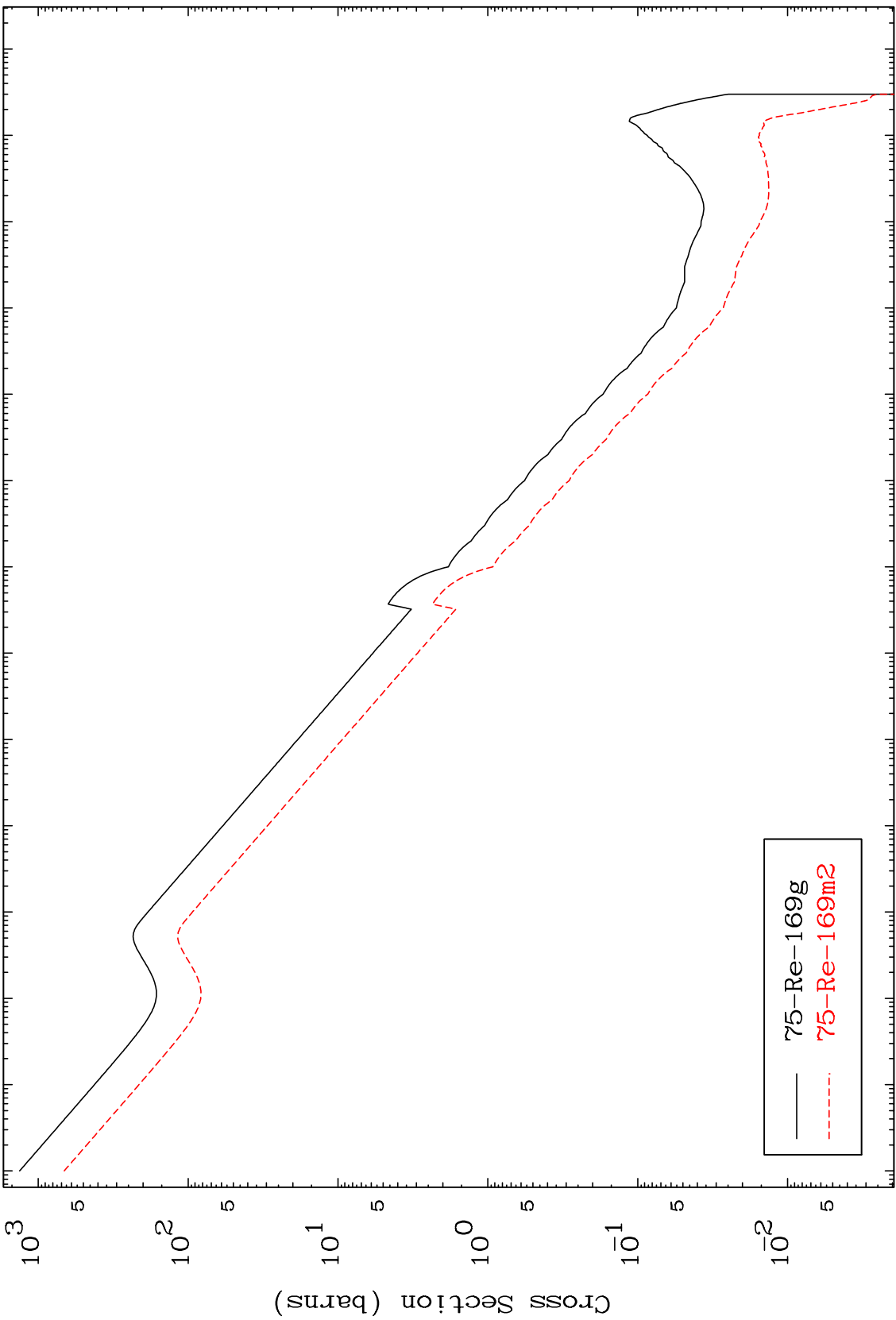


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77-Ir-172

Radionuclide Production Cross Section

(n, α)



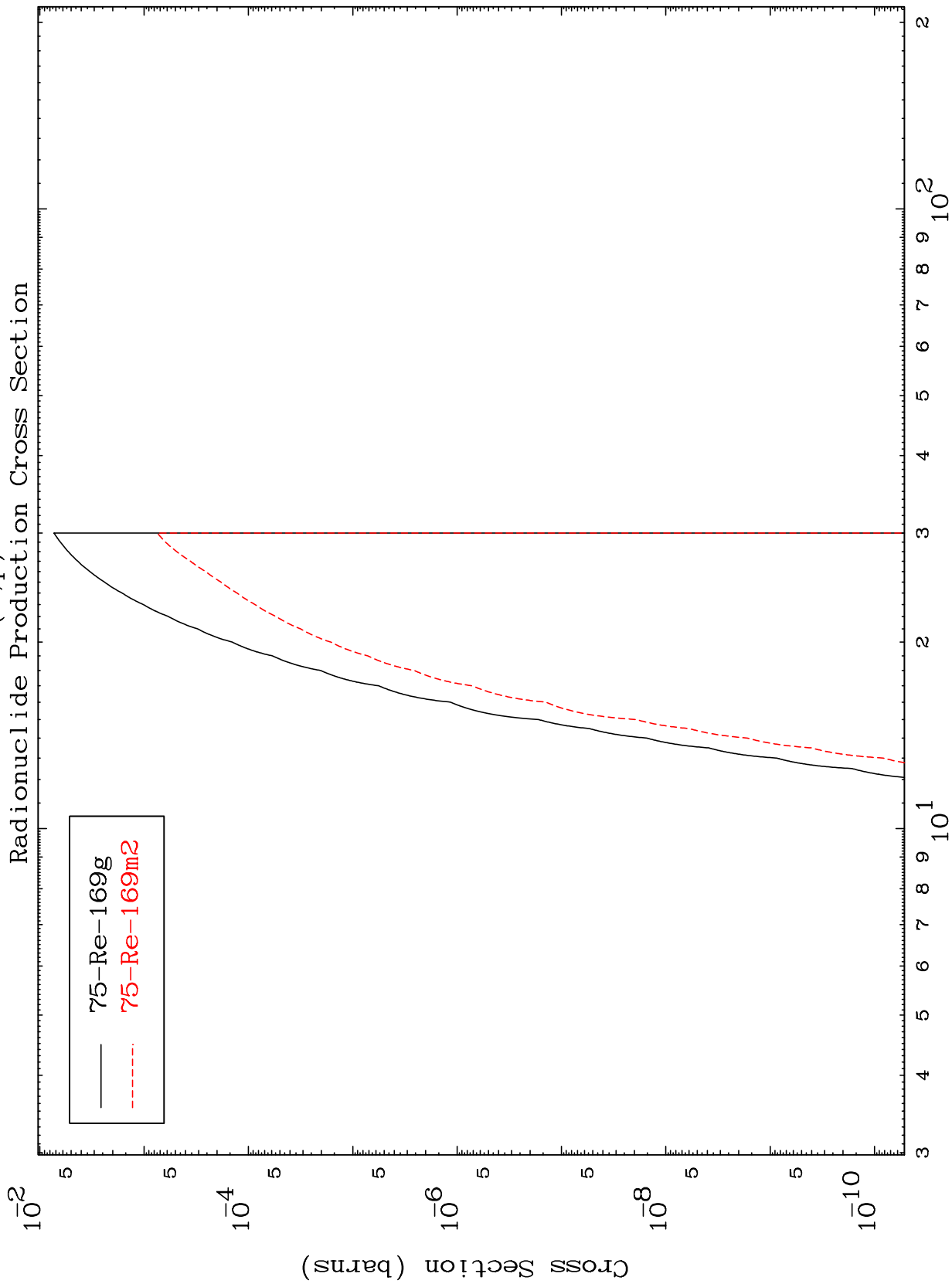
— 75-Re-169g
- - - 75-Re-169m2

MAT 7668

(n,p) t

⁷⁷Ir-172

Radionuclide Production Cross Section



— 75-Re-169g
- - - 75-Re-169m2

91

Incident Energy (MeV)

⁷⁷Ir-172