

Program EVALPLOT
(Version 2015-2)

by

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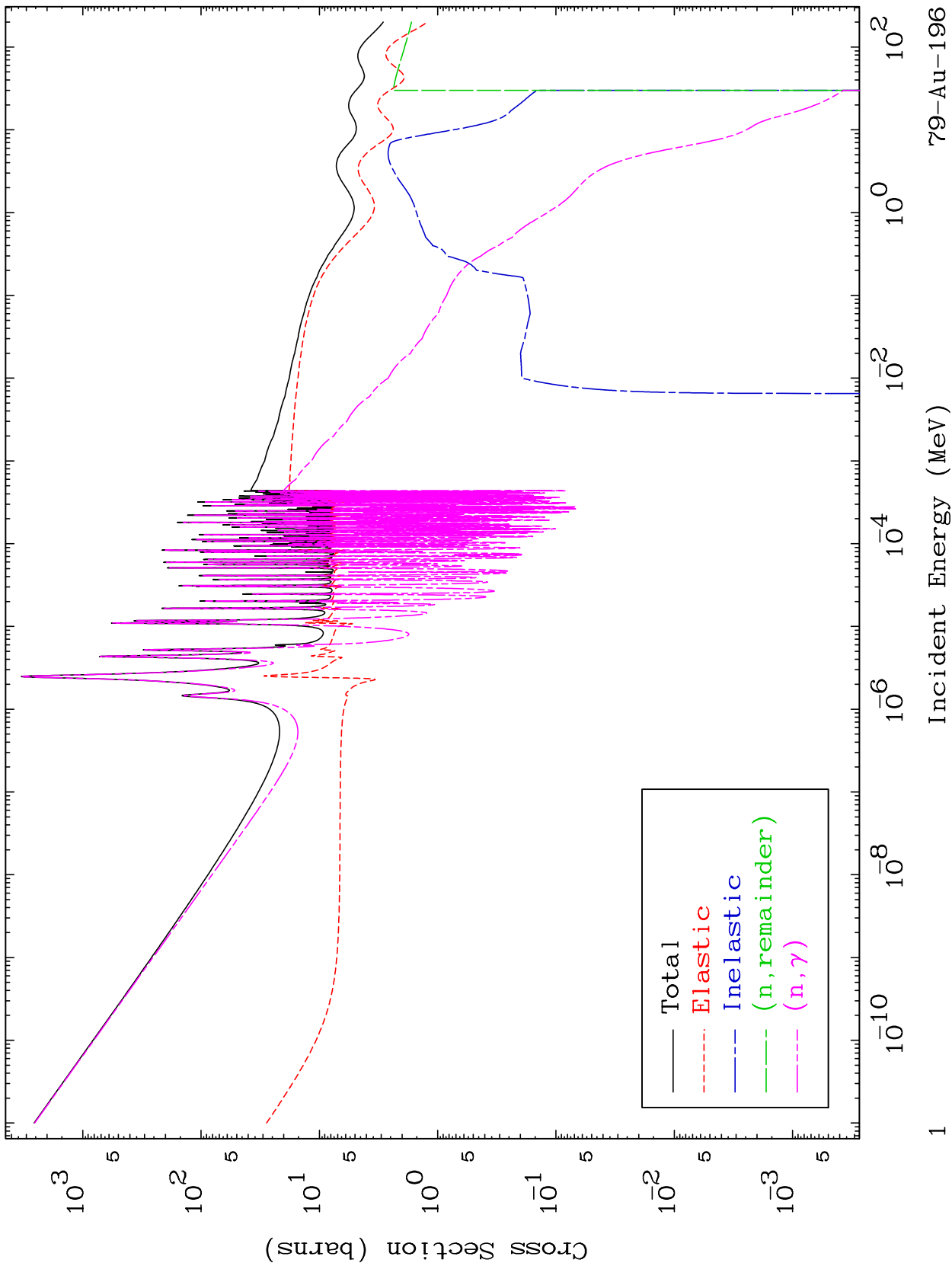
Press Mouse Button to Start

MAT 7922

Major

293 Kelvin Cross Sections

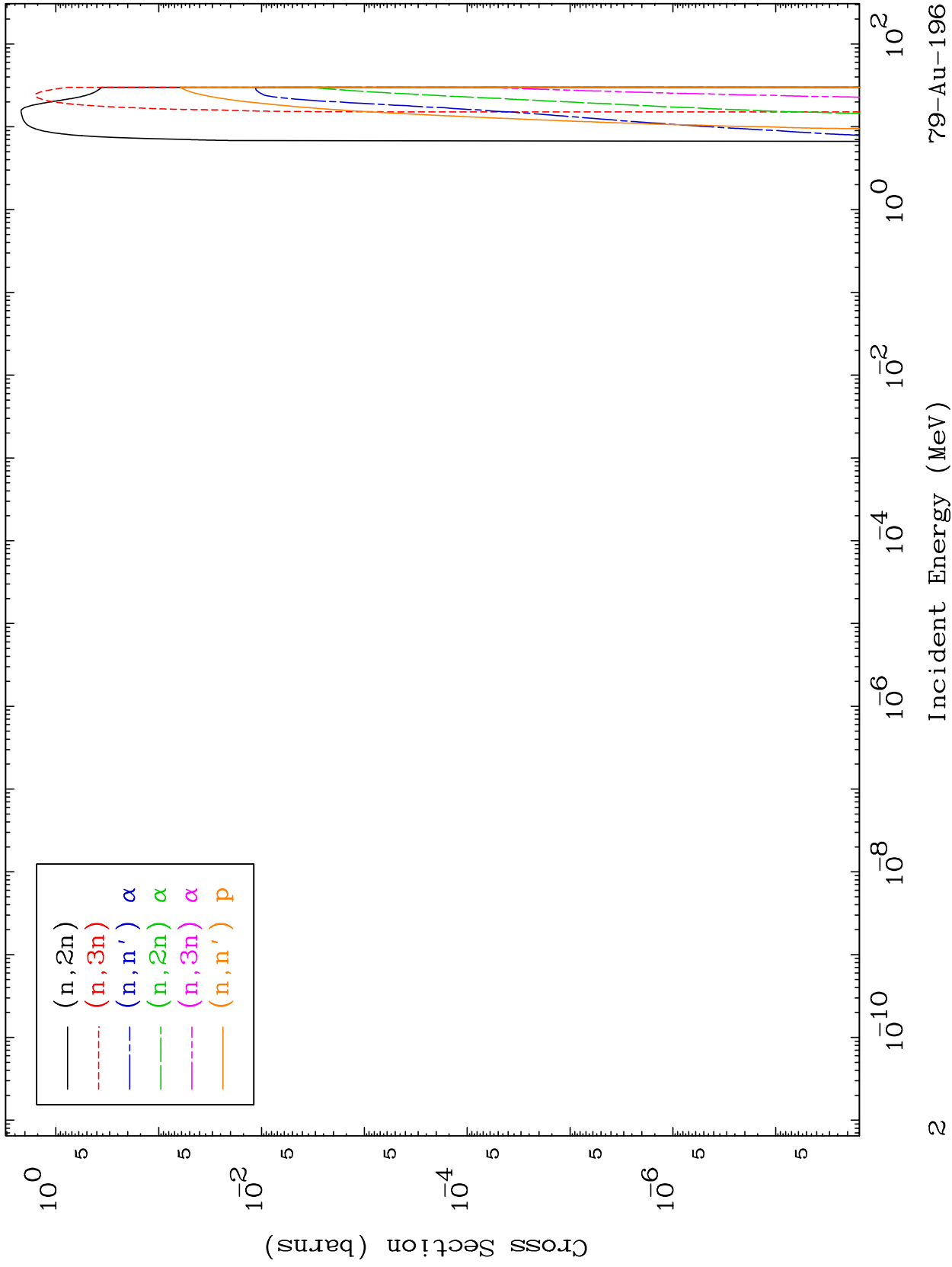
79-Au-196

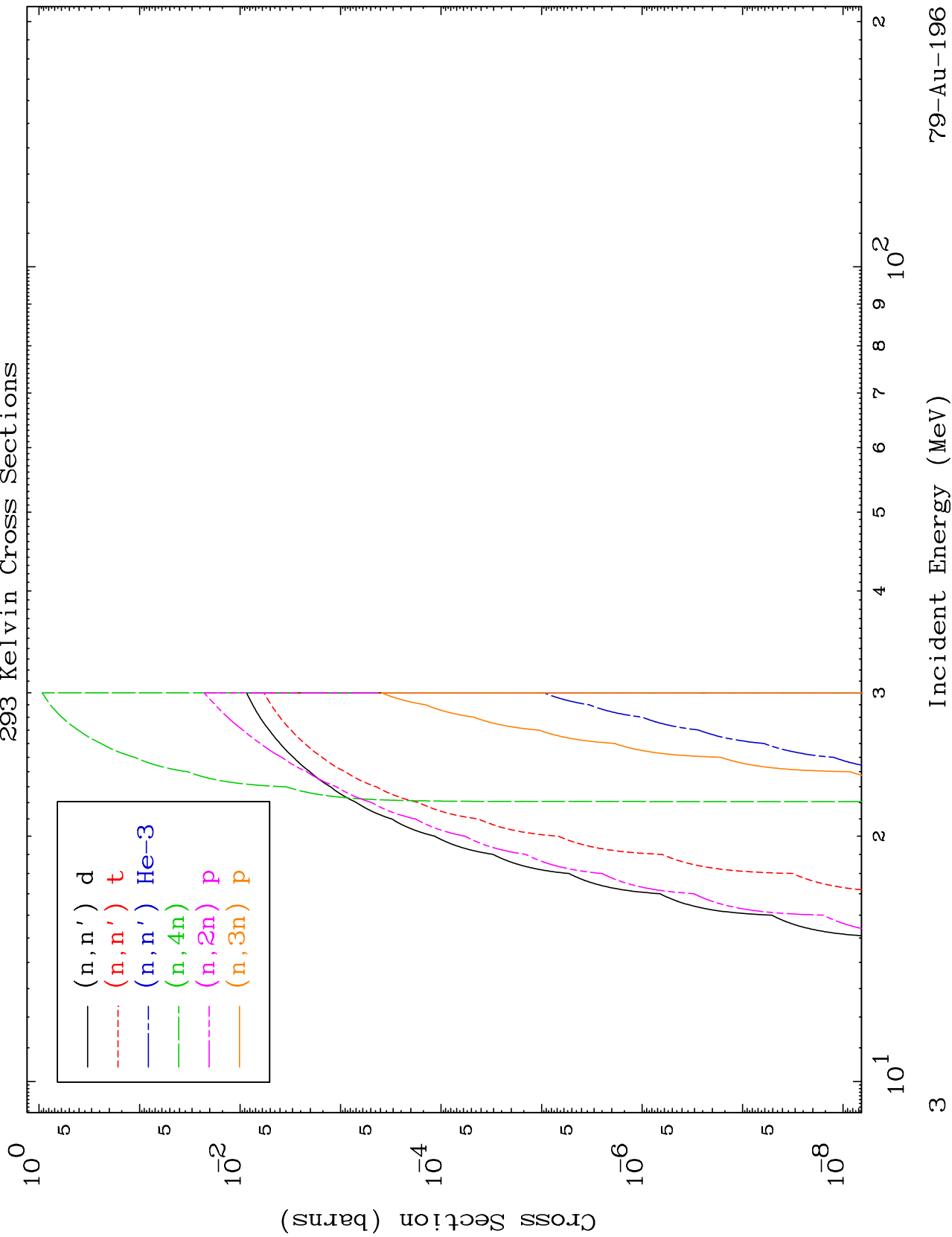


MAT 7922

Neutron Production
293 Kelvin Cross Sections

79-Au-196

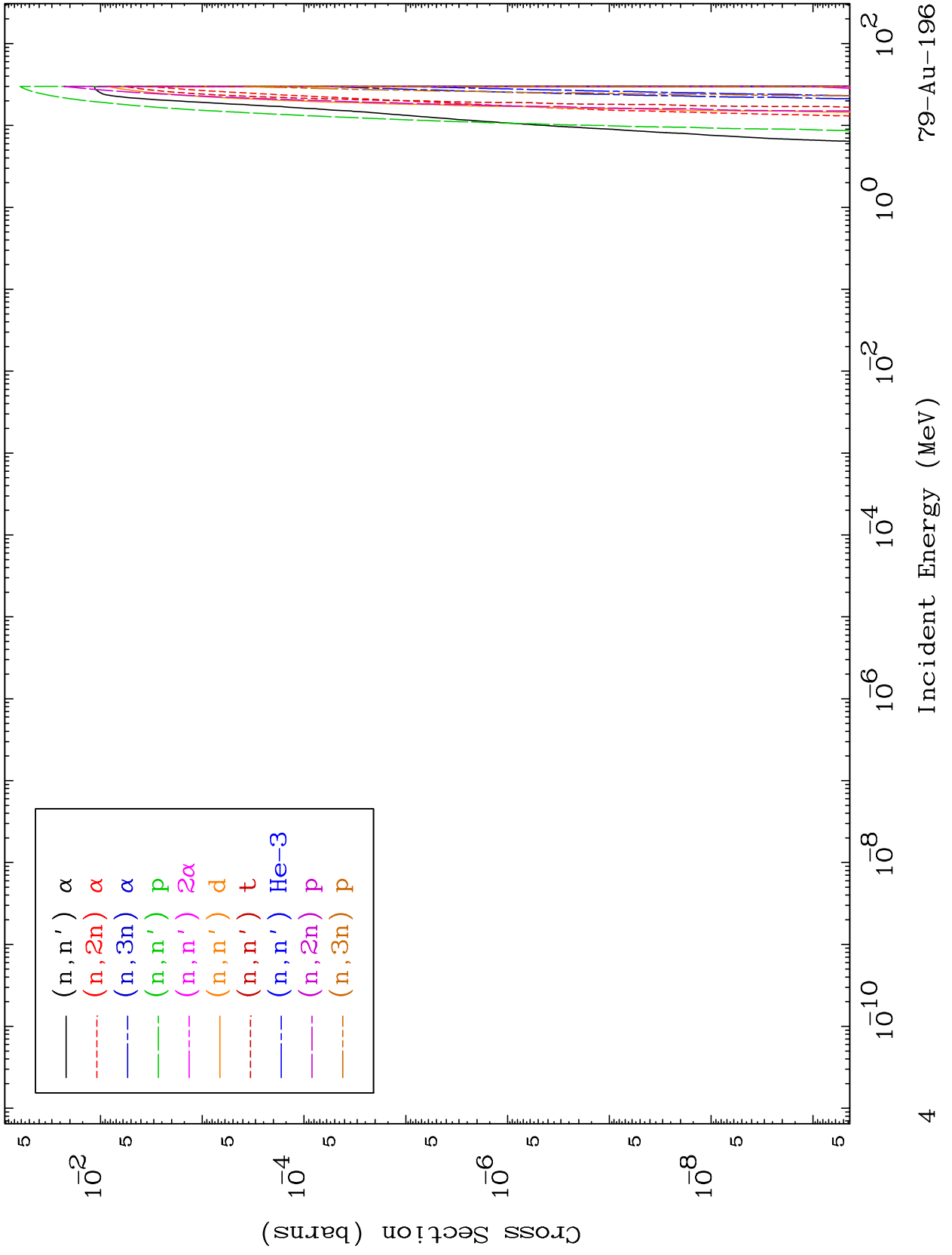




MAT 7922

Charged Particle
293 Kelvin Cross Sections

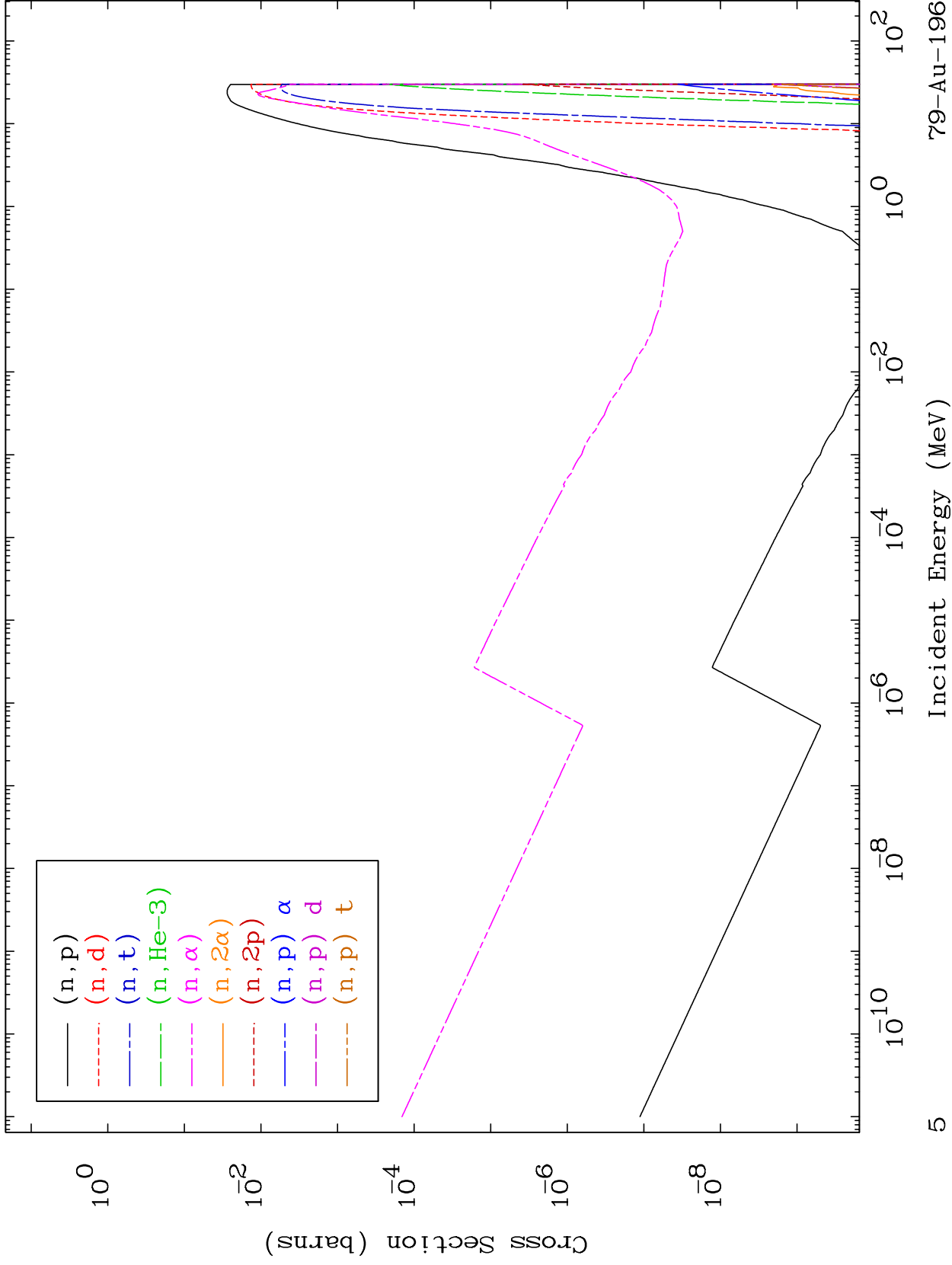
79-Au-196



MAT 7922

Charged Particle
293 Kelvin Cross Sections

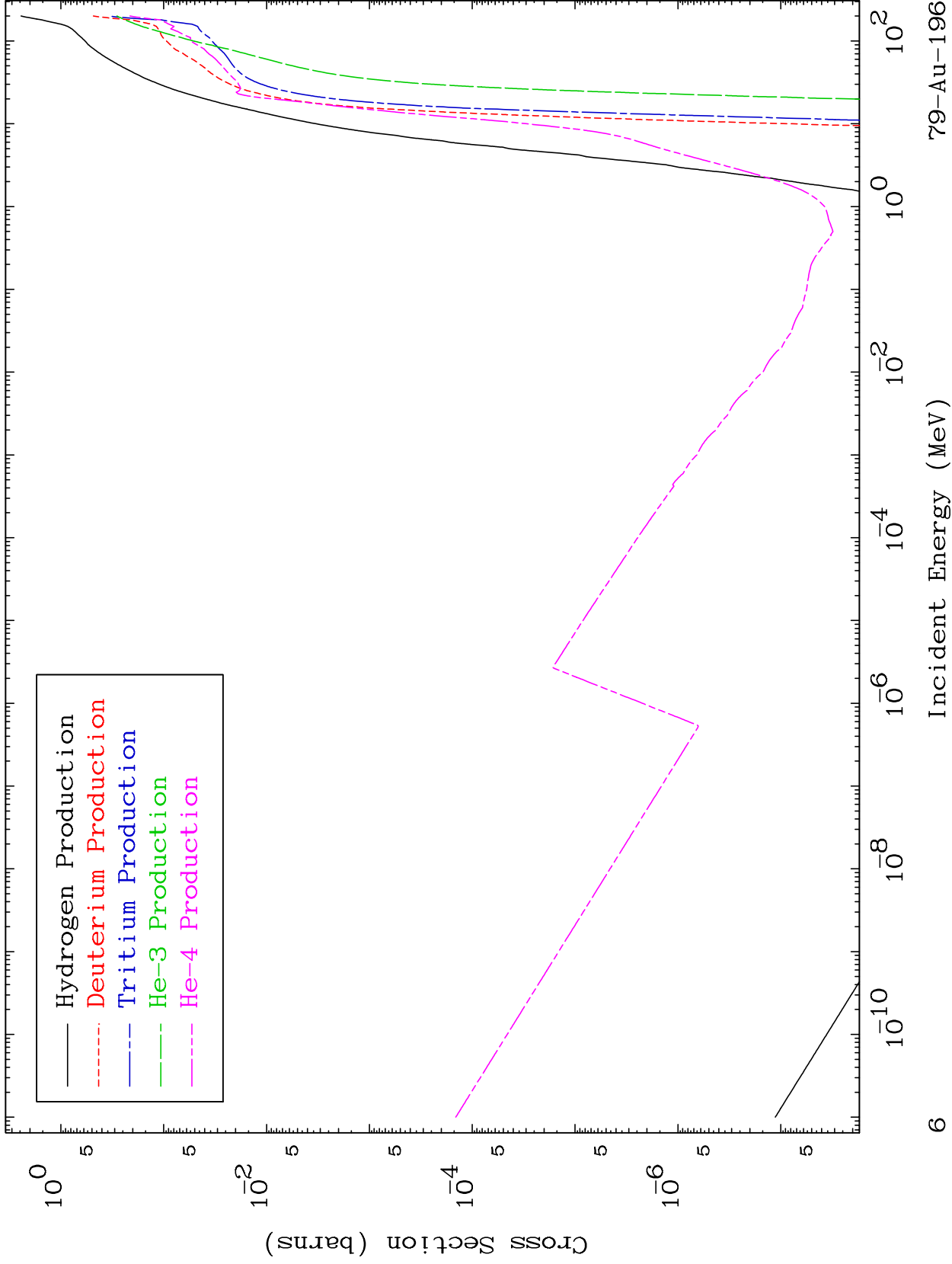
79-Au-196



MAT 7922

Particle Production
293 Kelvin Cross Sections

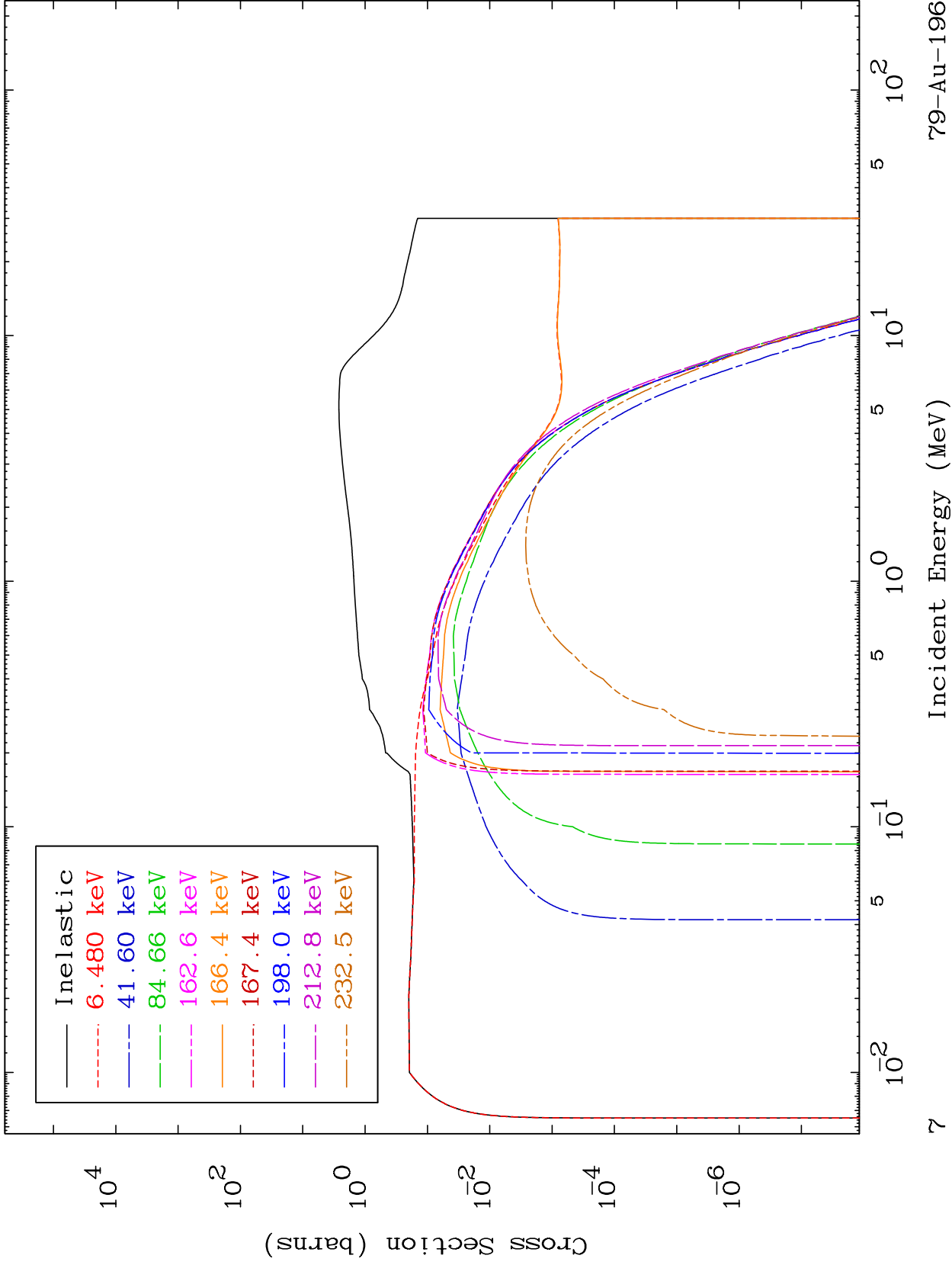
79-Au-196



MAT 7922

(n,n') Level
293 Kelvin Cross Sections

79-Au-196

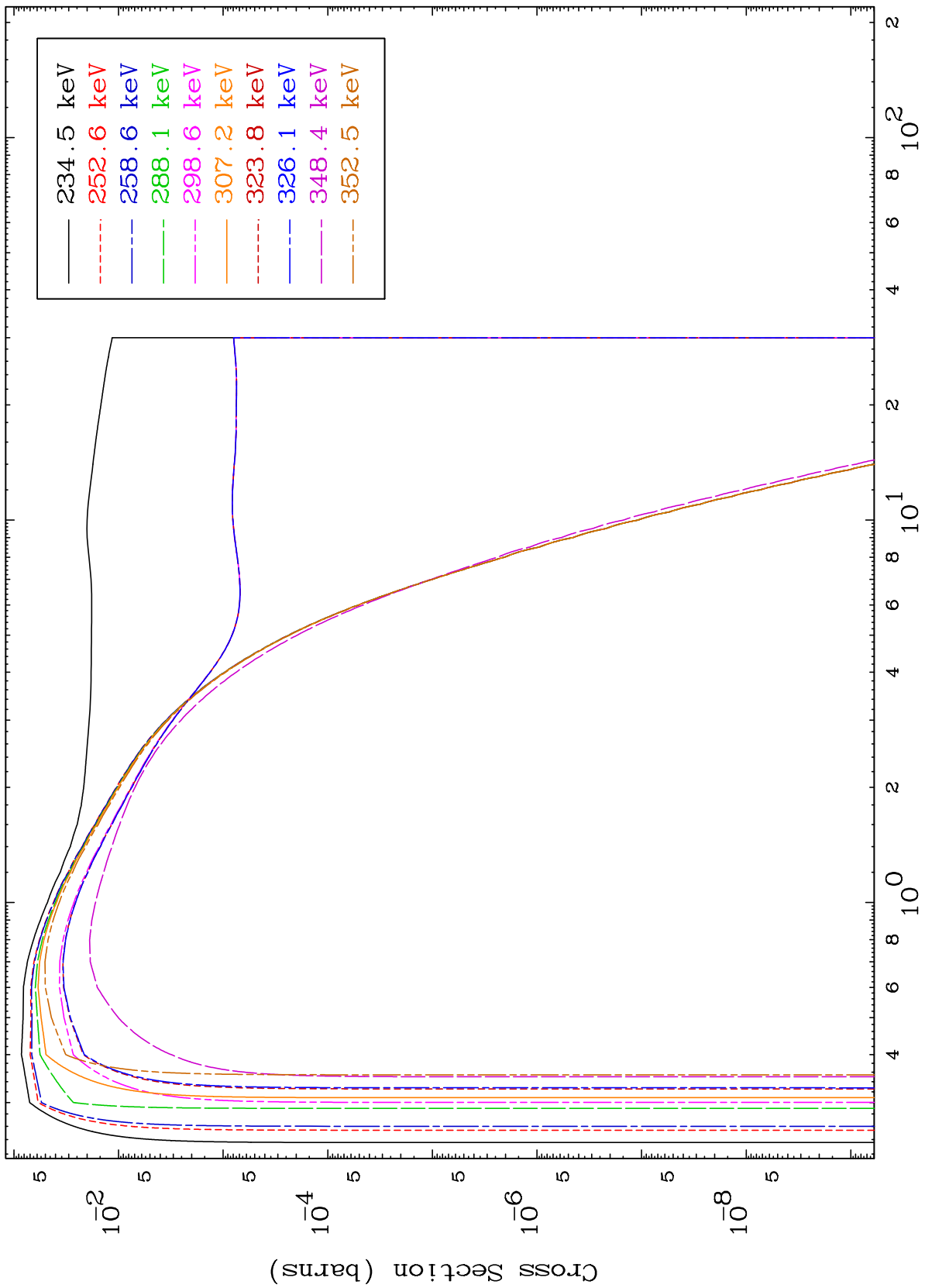


MAT 7922

(n,n') Level

79-Au-196

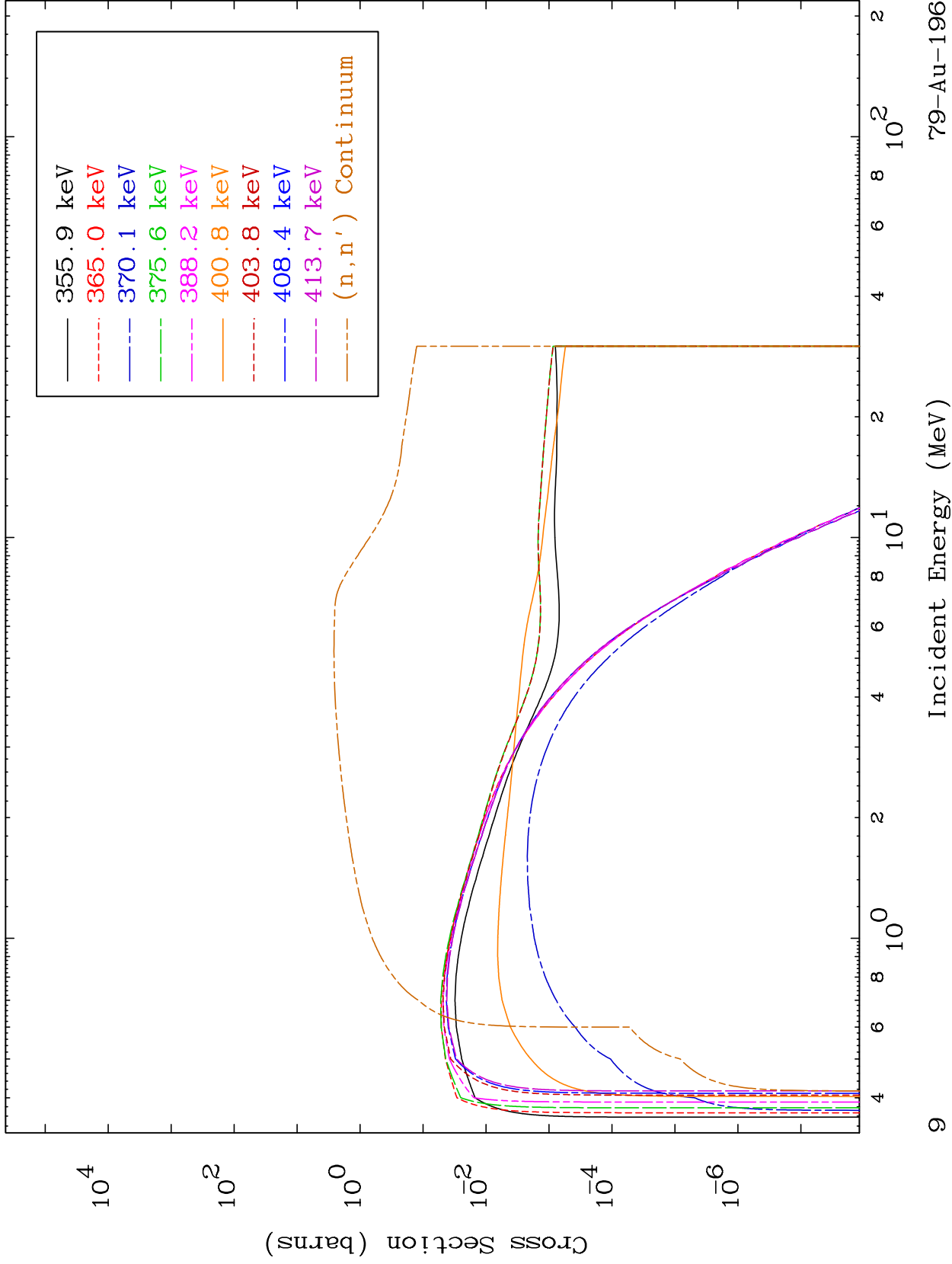
293 Kelvin Cross Sections



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Incident Energy (MeV)

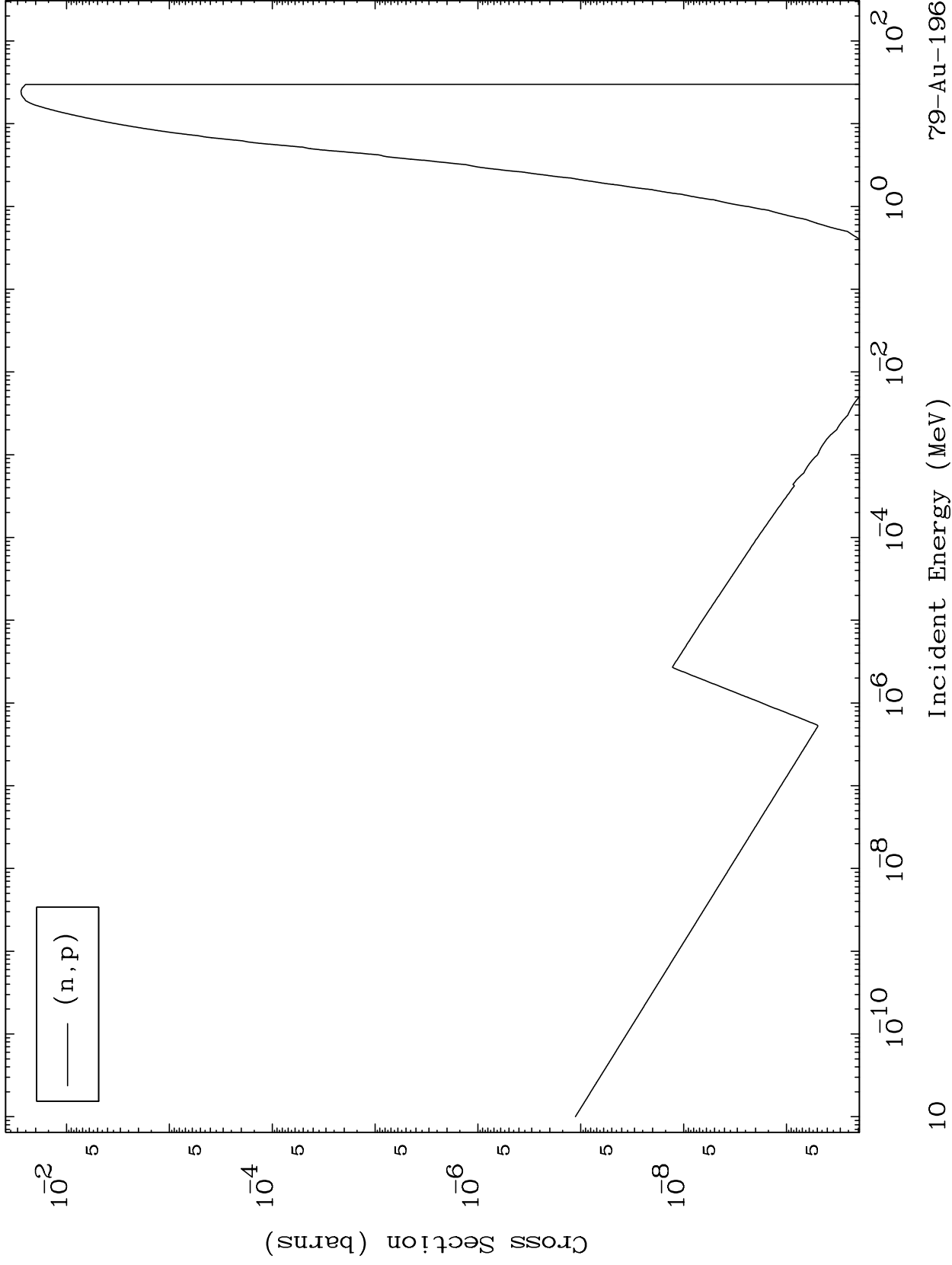
79-Au-196



MAT 7922

(n,p) Levels
293 Kelvin Cross Sections

79-Au-196



(n,p)

10

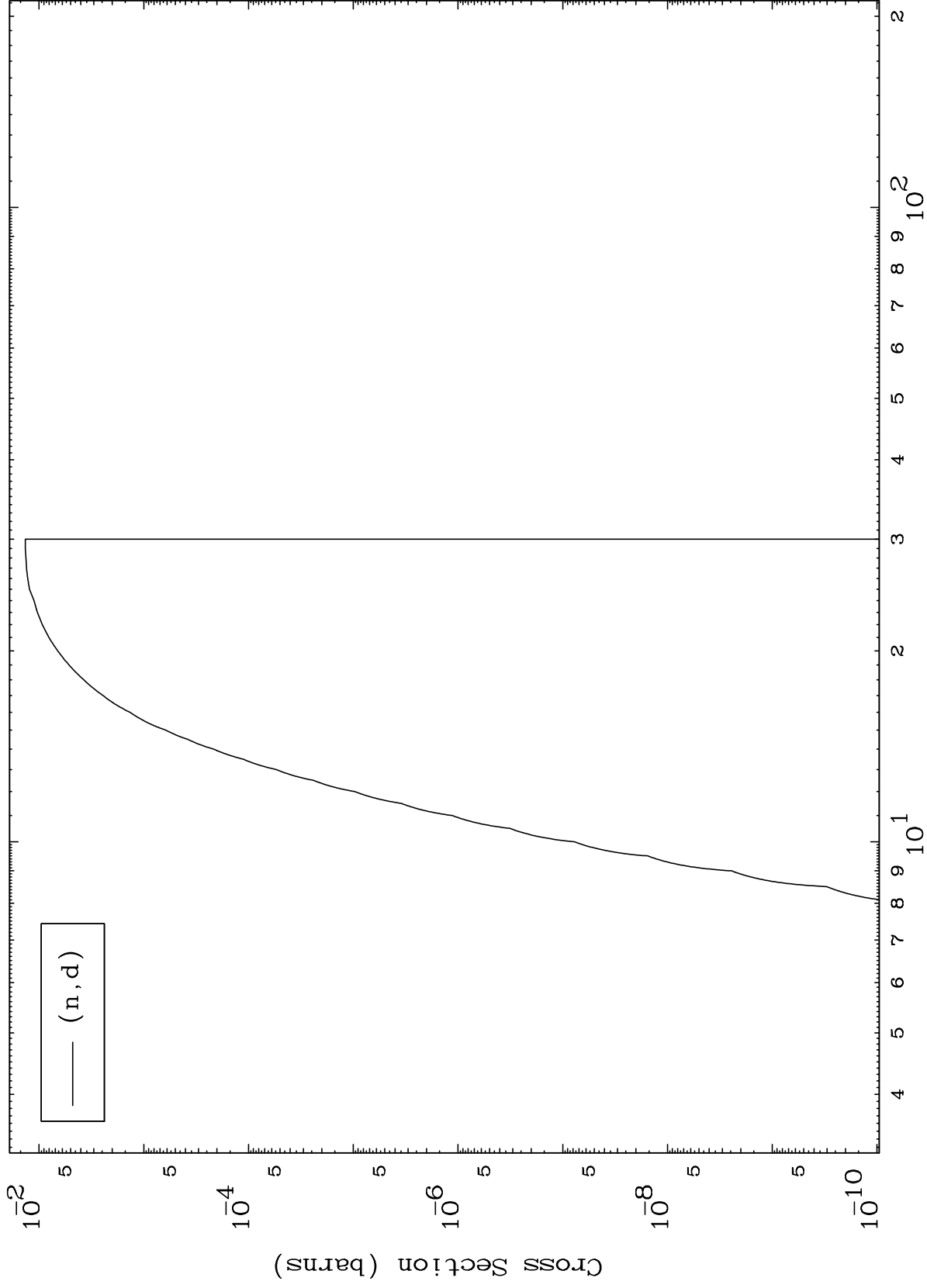
Incident Energy (MeV)

79-Au-196

MAT 7922

(n,d) Levels
293 Kelvin Cross Sections

79-Au-196



11

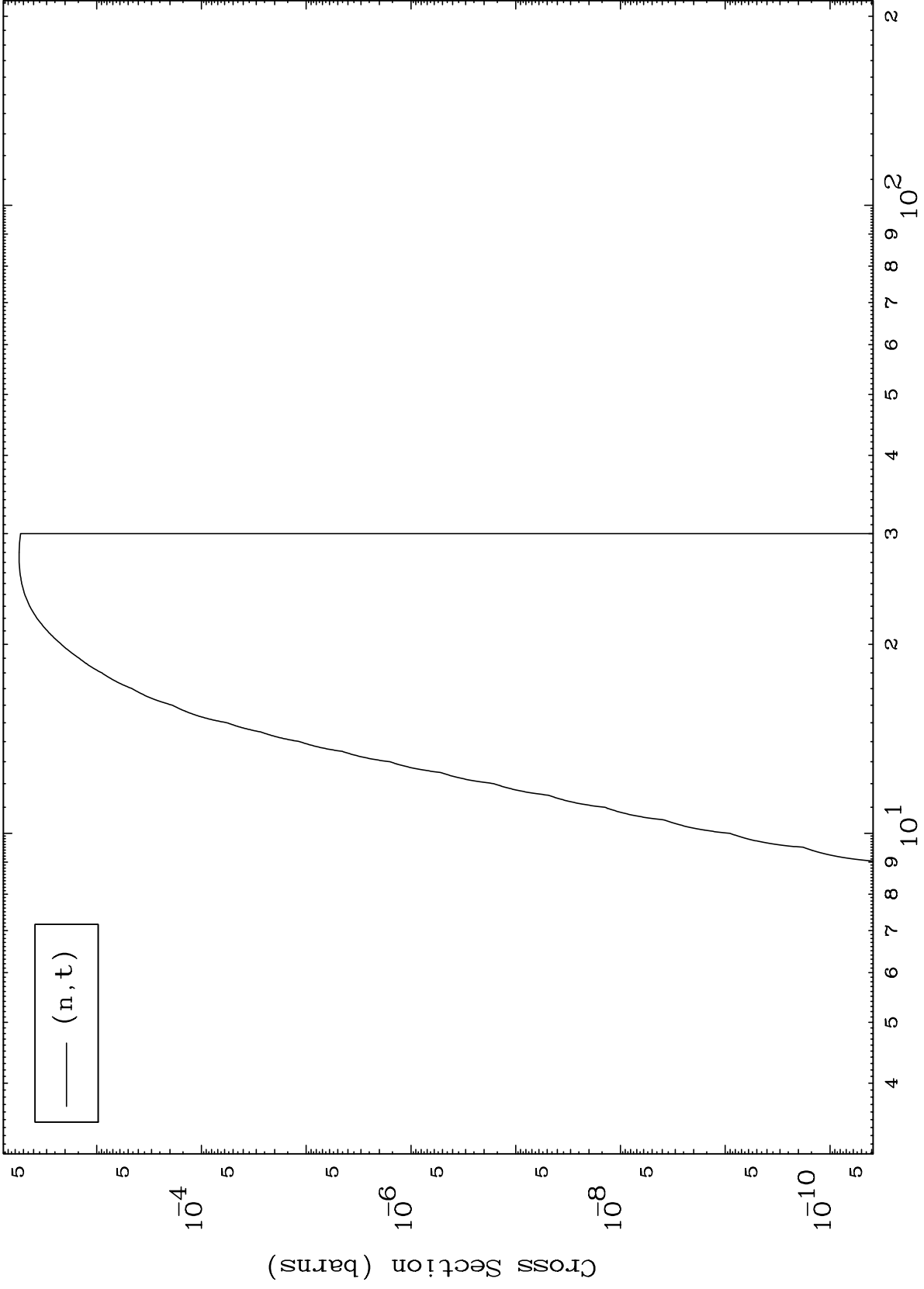
Incident Energy (MeV)

79-Au-196

MAT 7922

(n,t) Levels
293 Kelvin Cross Sections

79-Au-196



12

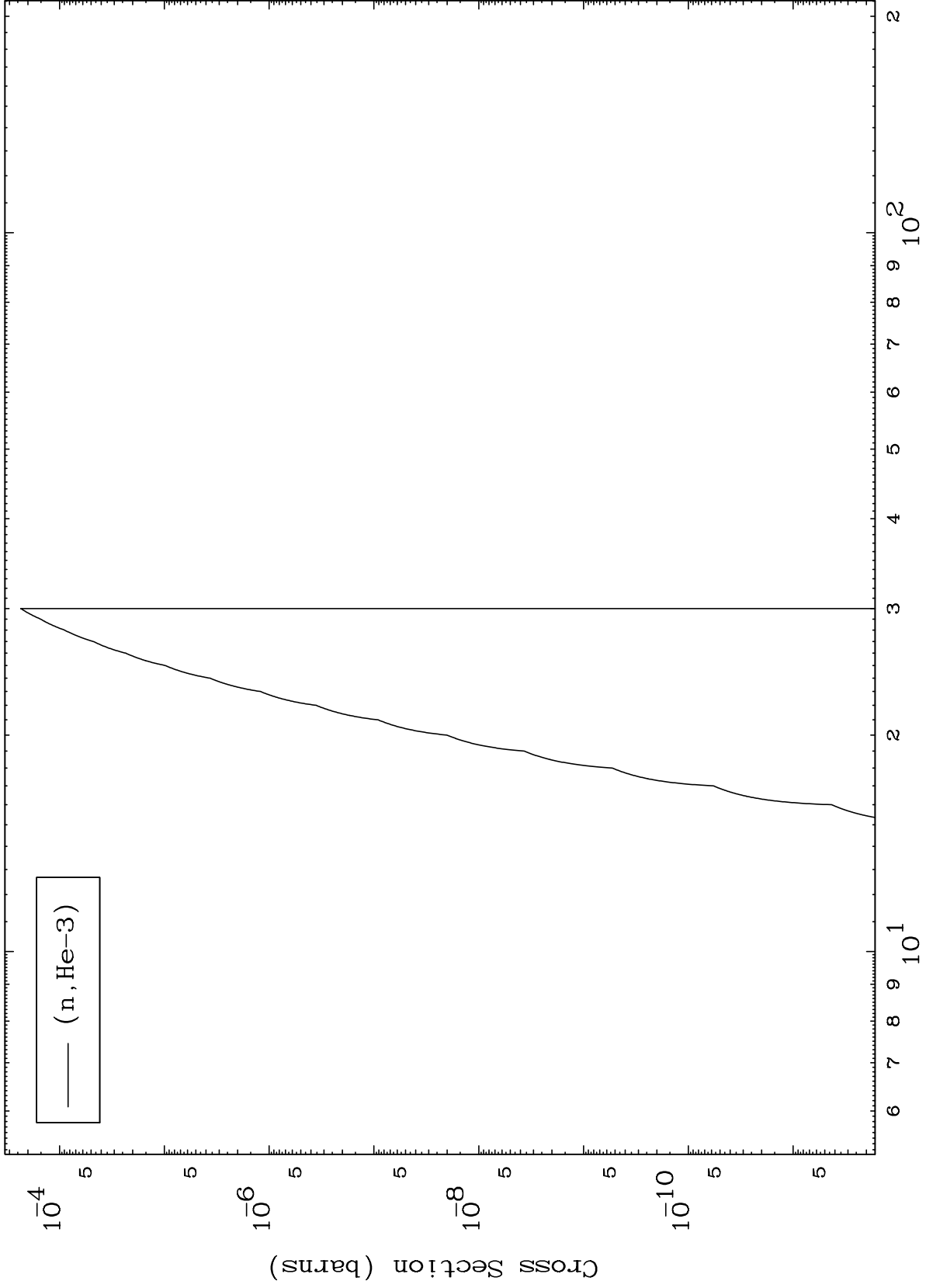
Incident Energy (MeV)

79-Au-196

MAT 7922

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-196



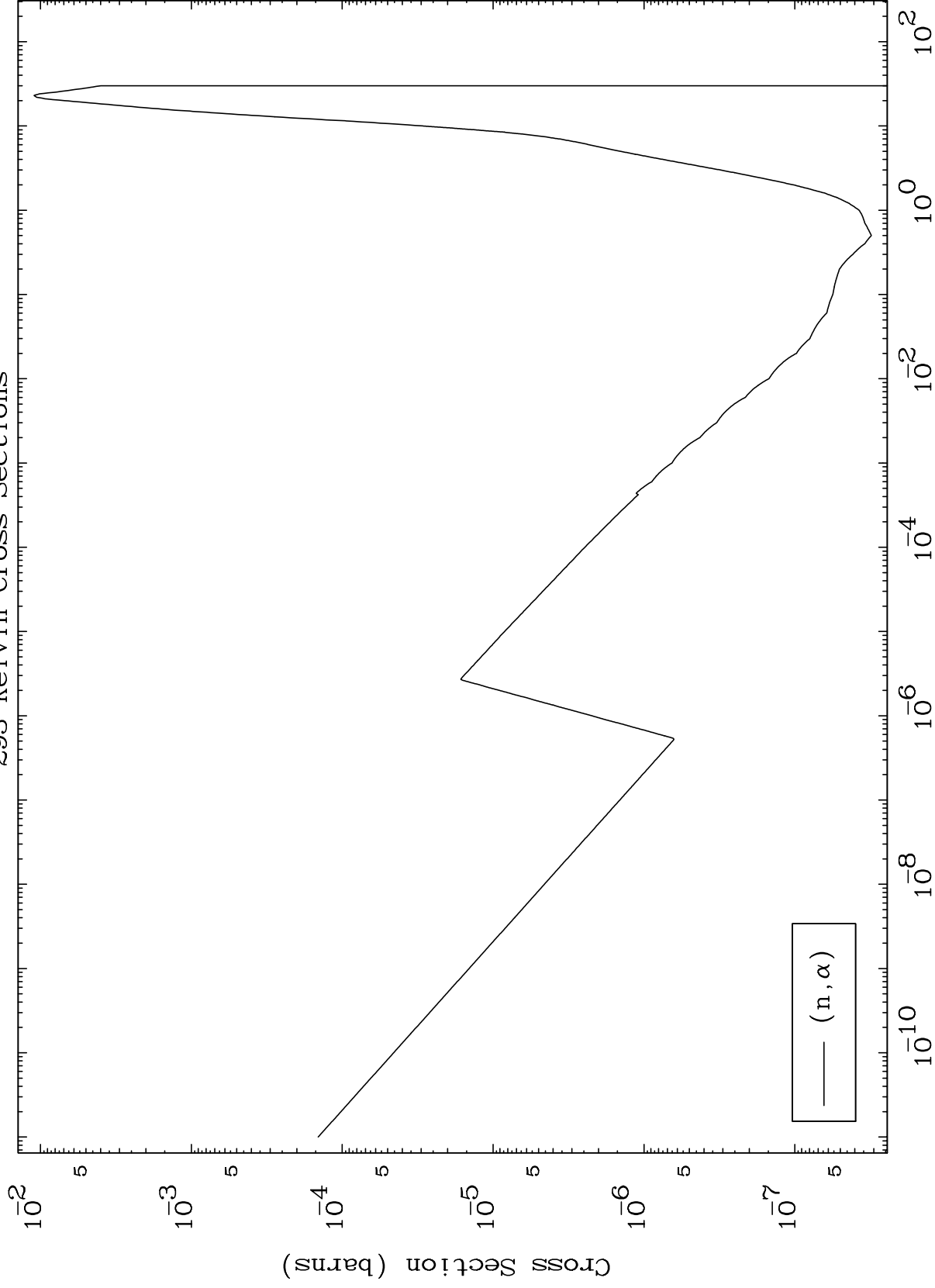
13

79-Au-196

MAT 7922

(n, α) Levels
293 Kelvin Cross Sections

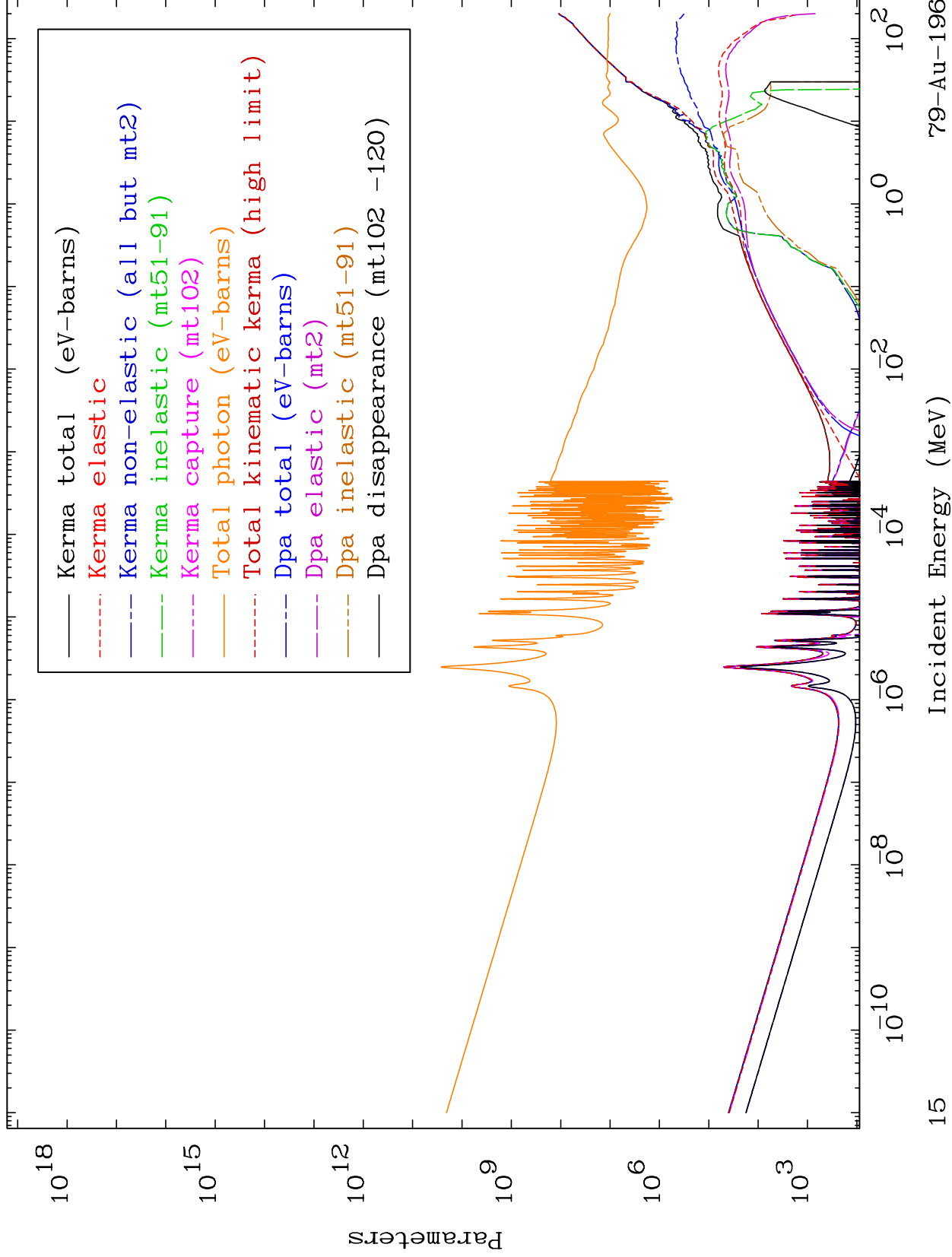
79-Au-196



79-Au-196

Incident Energy (MeV)

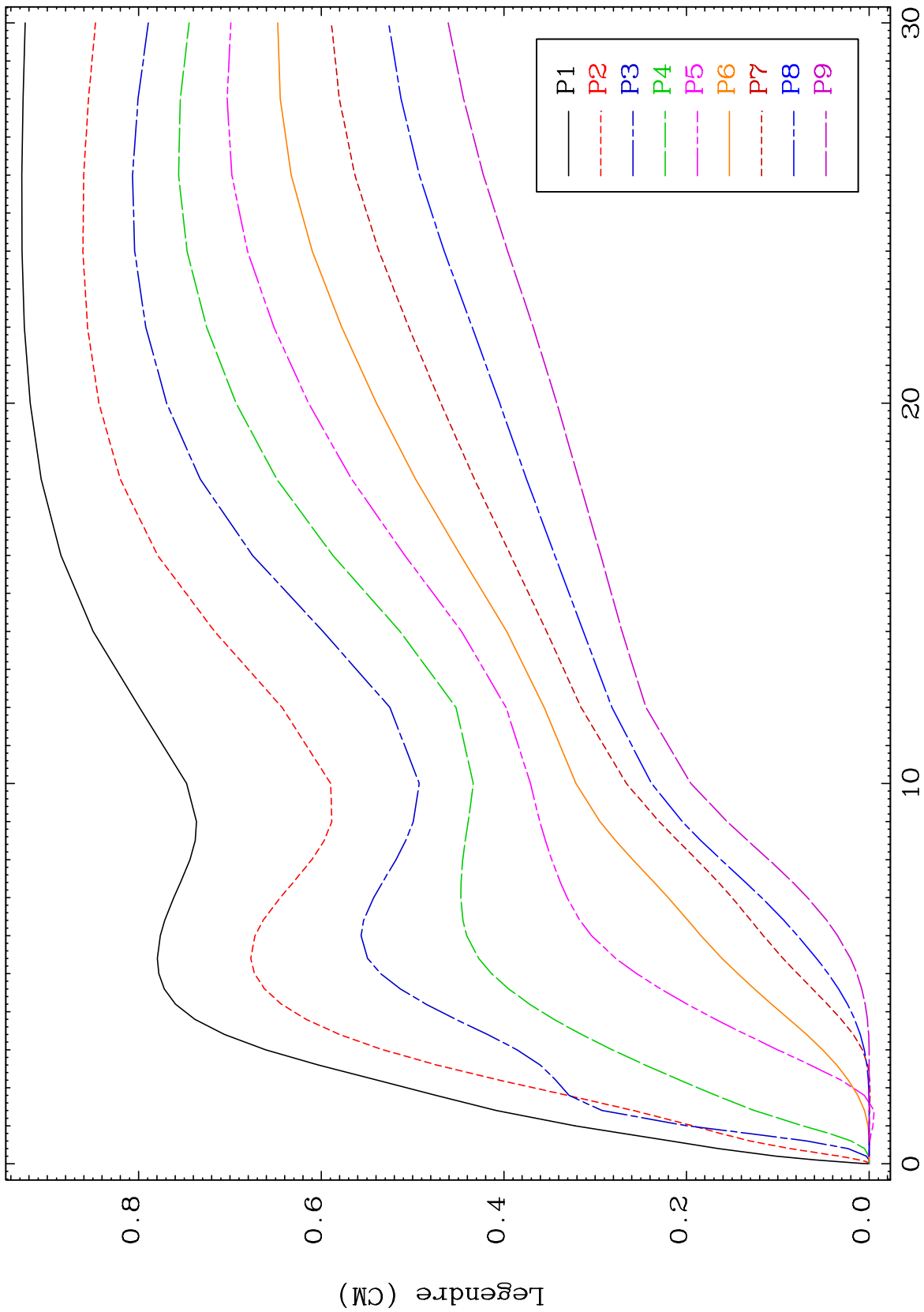
14



MAT 7922

79-Au-196

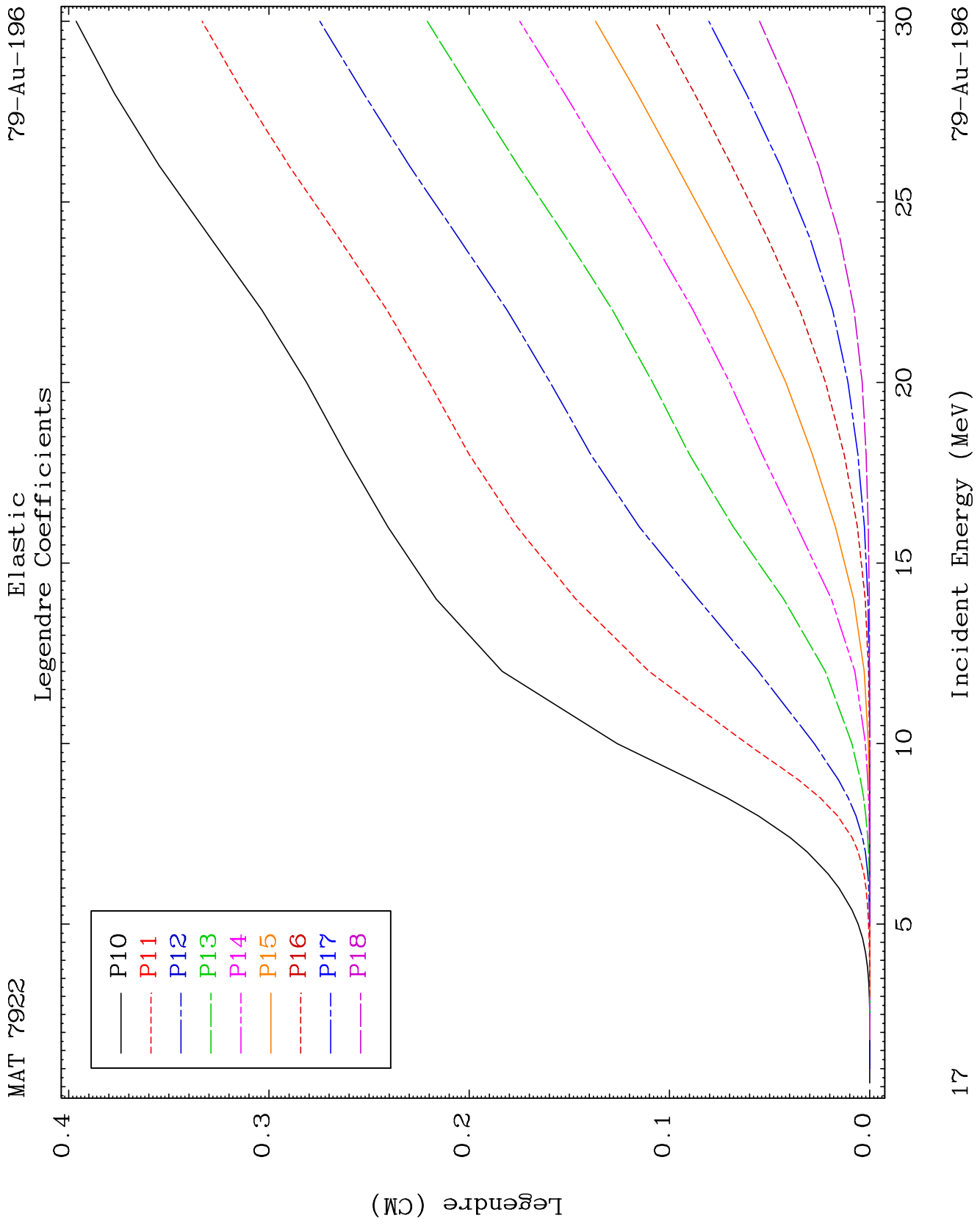
Elastic Legendre Coefficients



79-Au-196

Incident Energy (MeV)

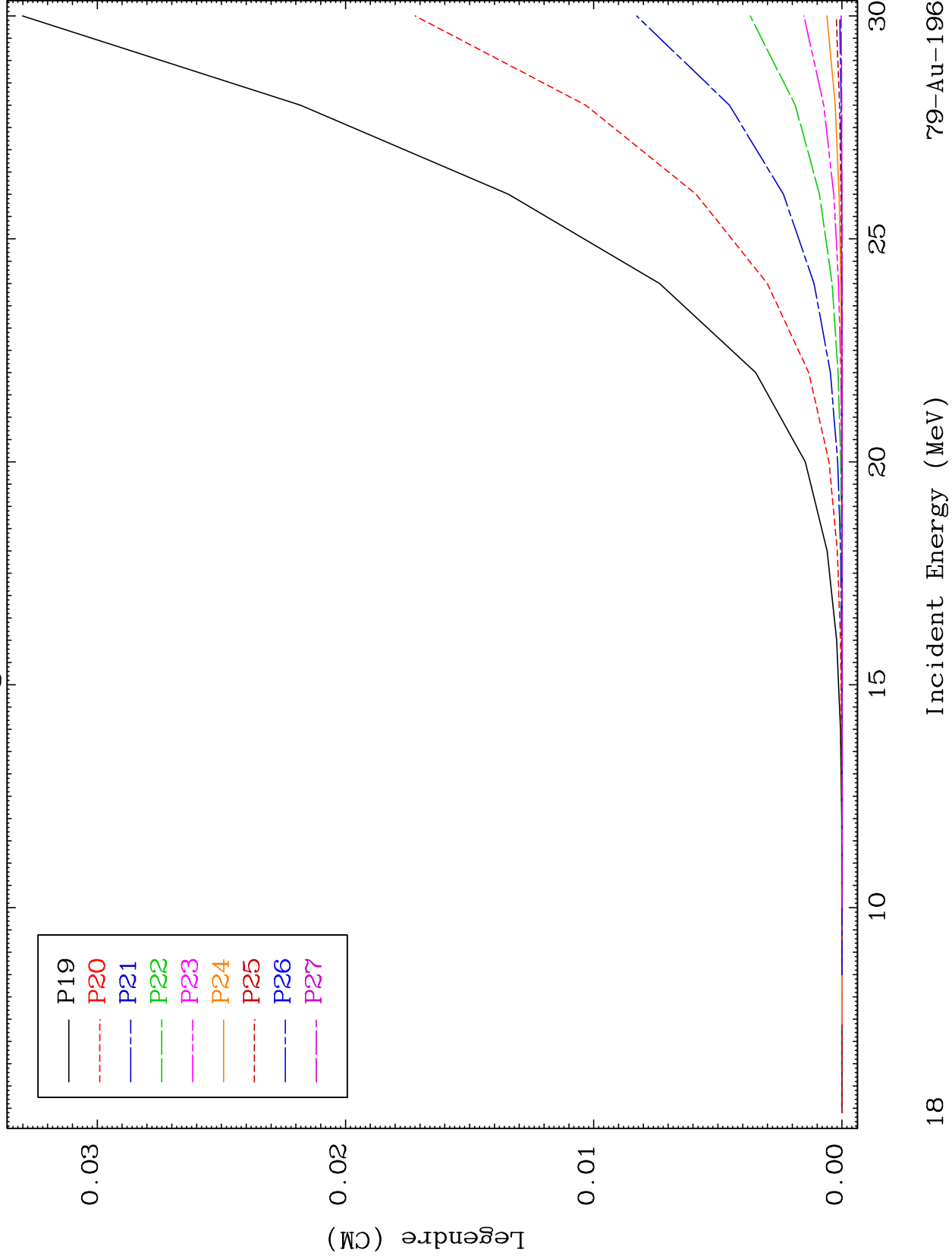
16



MAT 7922

Elastic Legendre Coefficients

79-Au-196



18

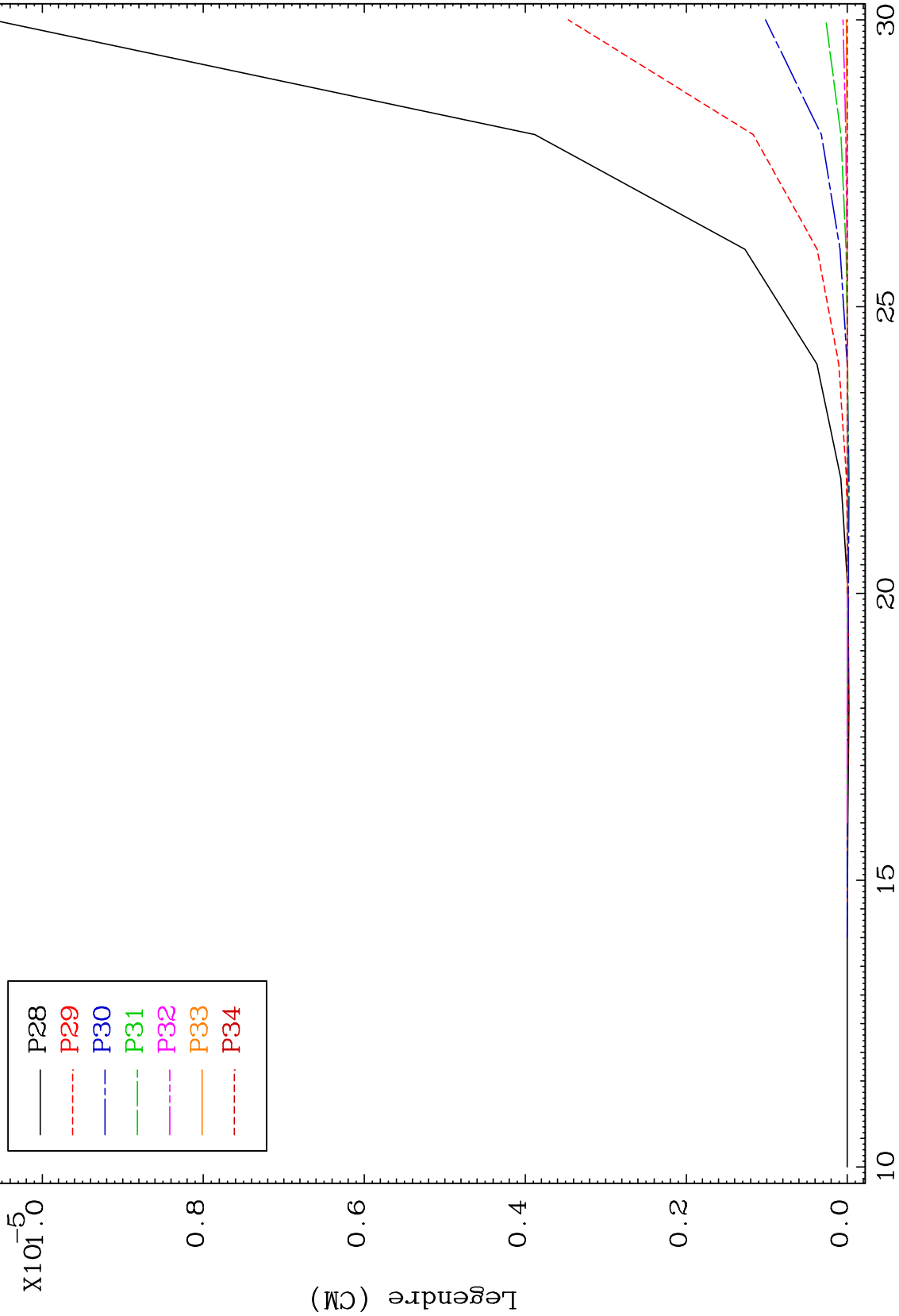
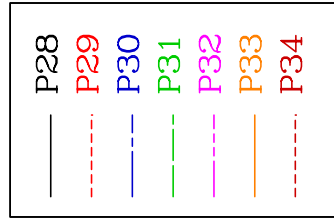
Incident Energy (MeV)

79-Au-196

MAT 7922

Elastic
Legendre Coefficients

79-Au-196



79-Au-196

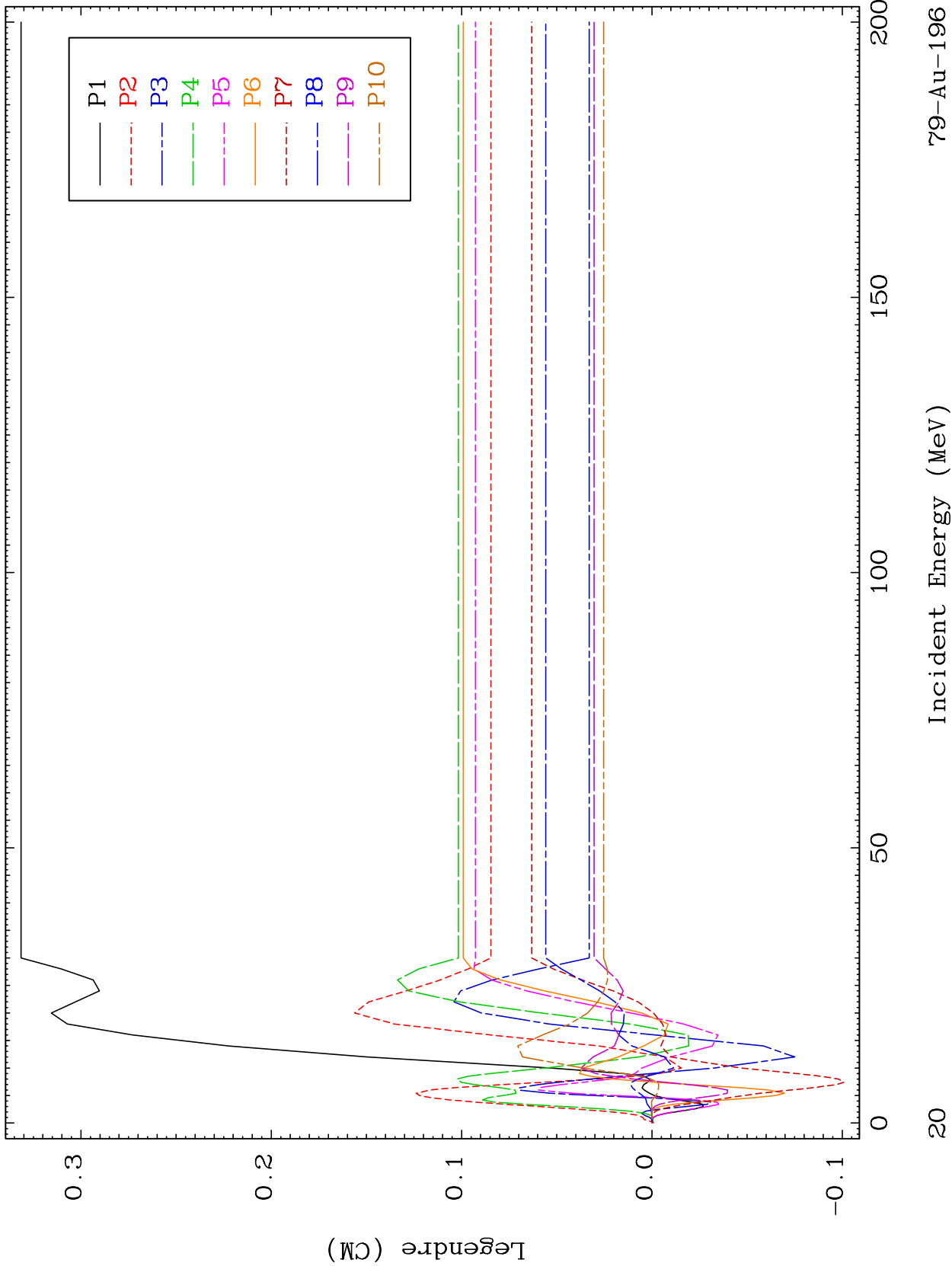
Incident Energy (MeV)

19

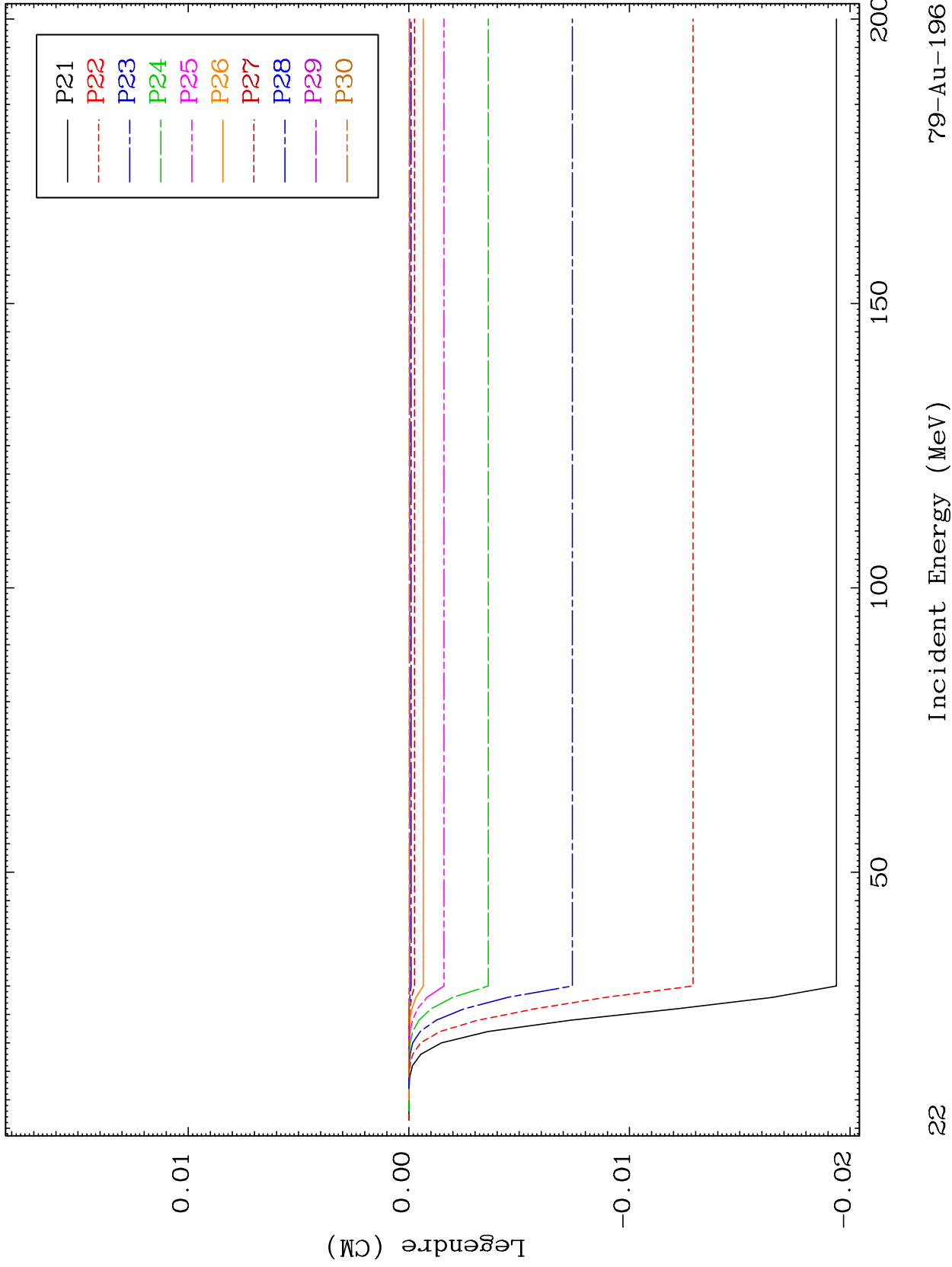
MAT 7922

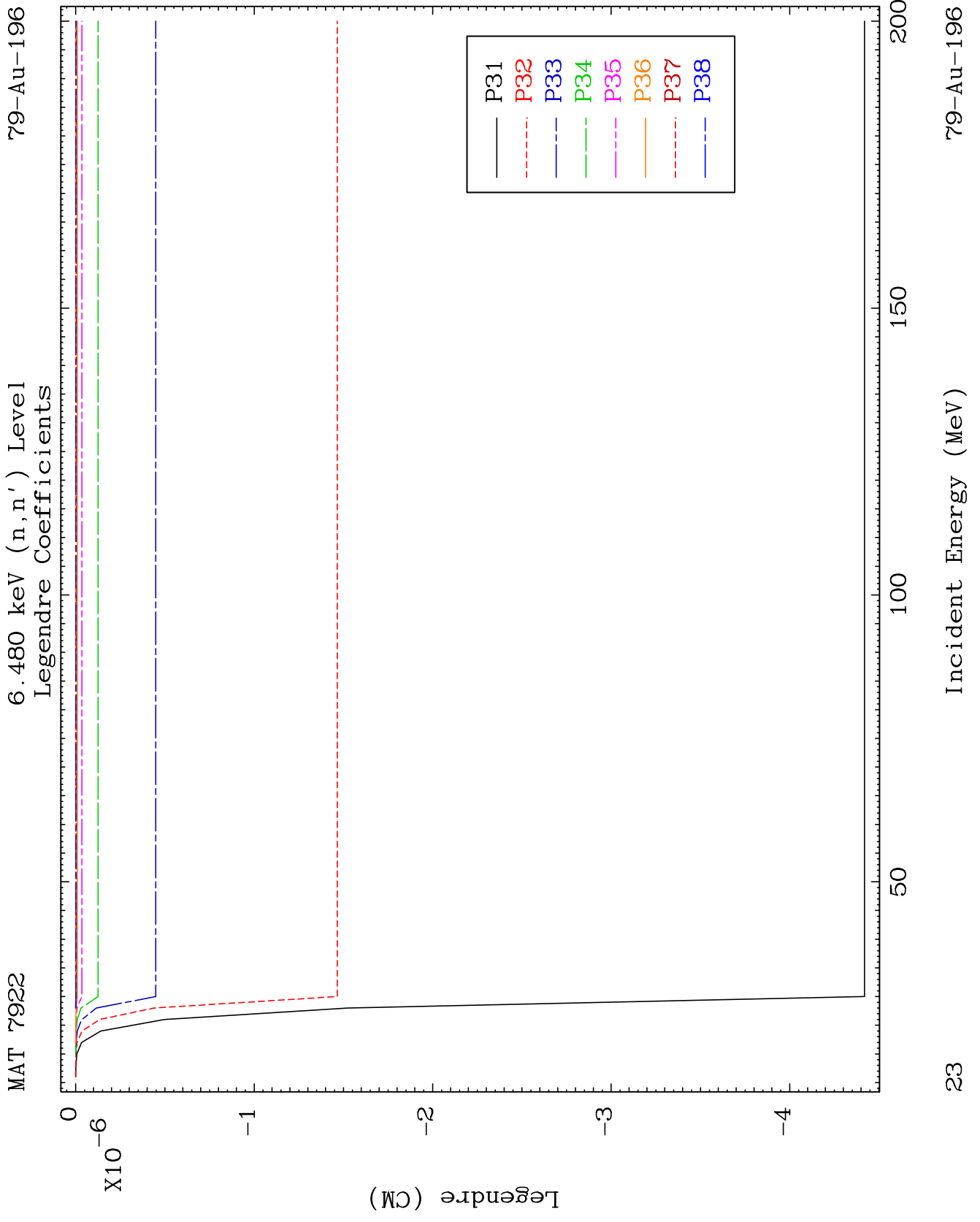
6.480 keV (n,n') Level
Legendre Coefficients

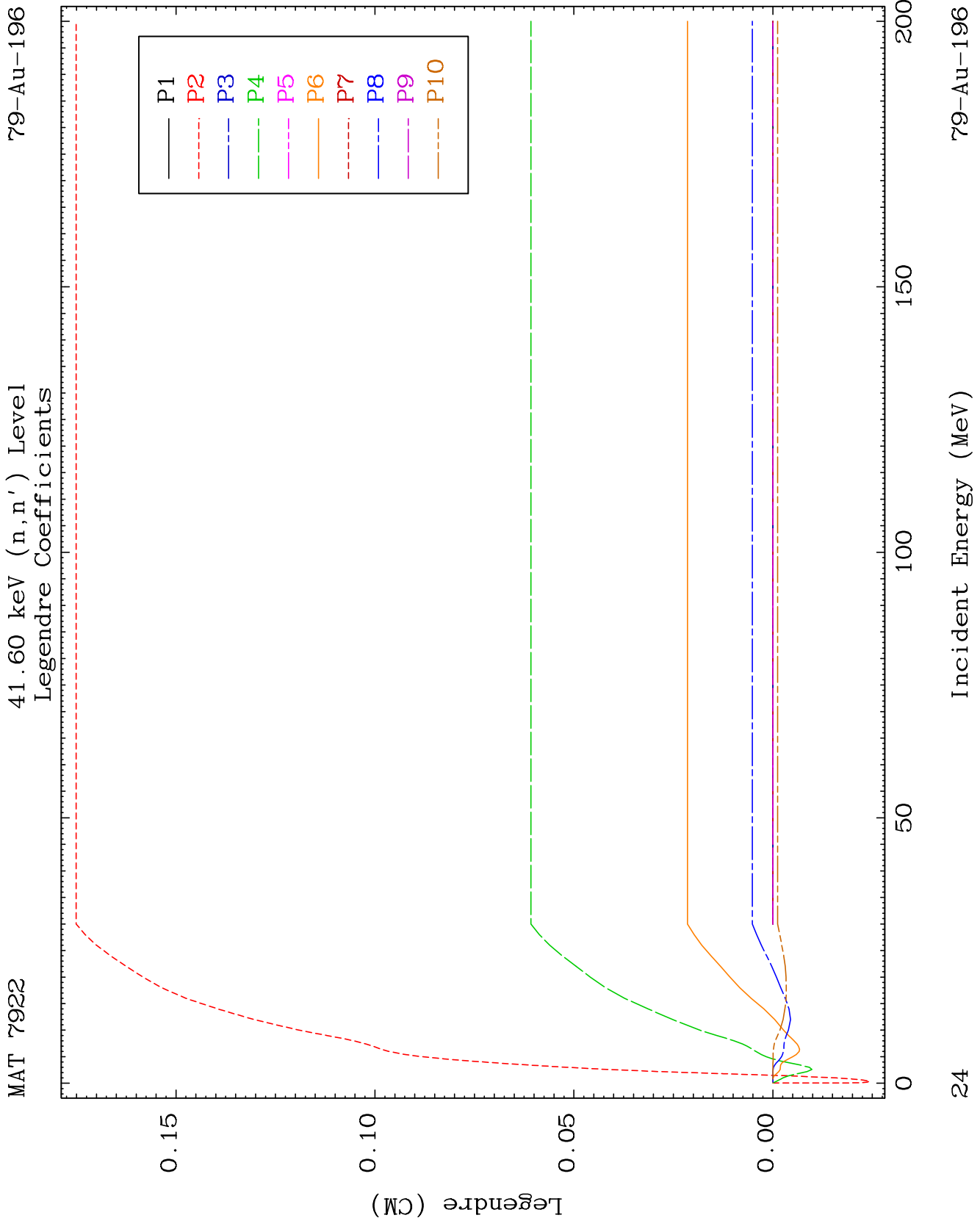
79-Au-196



79-Au-196



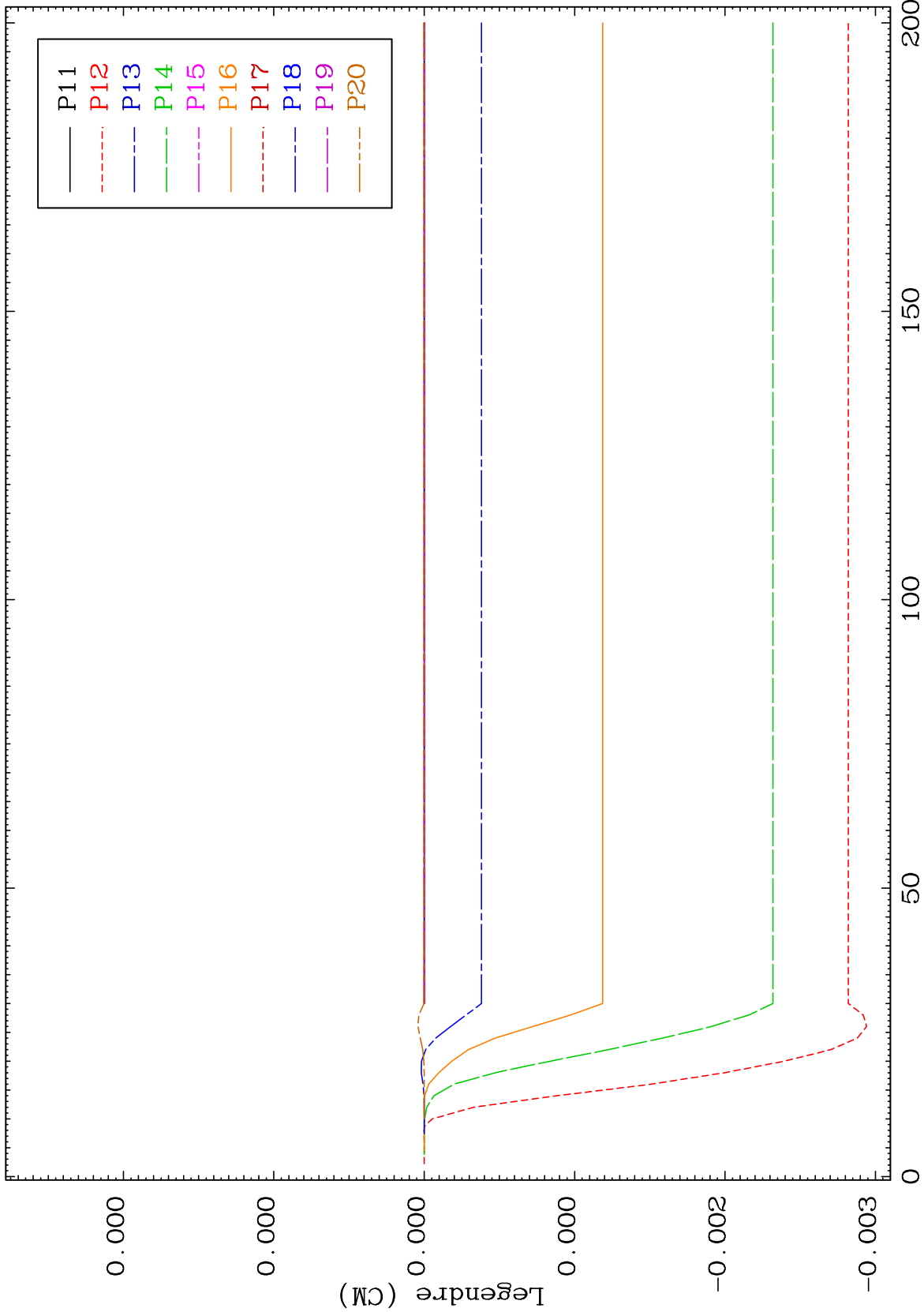




MAT 7922

41.60 keV (n,n') Level
Legendre Coefficients

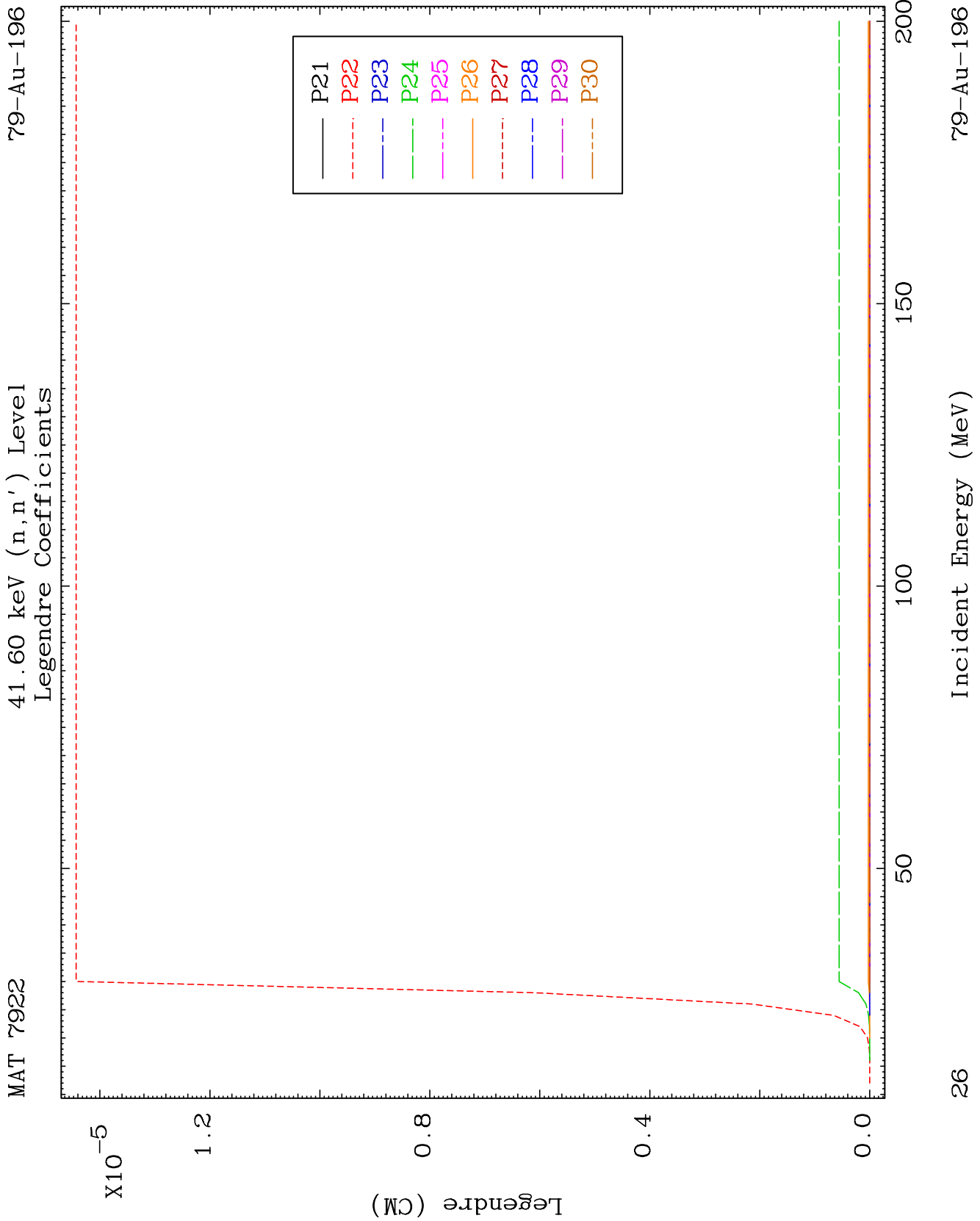
79-Au-196



25

Incident Energy (MeV)

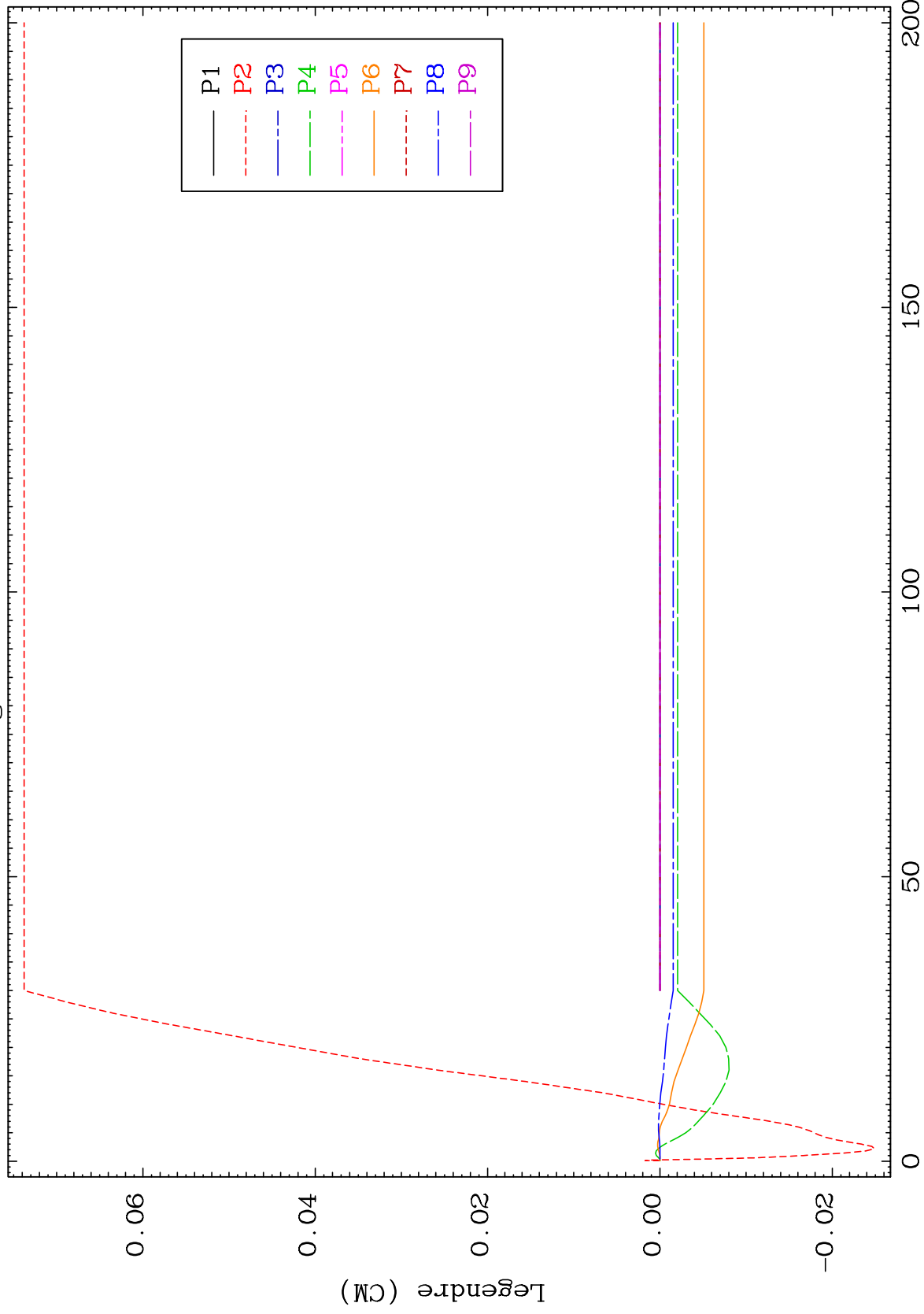
79-Au-196



MAT 7922

84.66 keV (n,n') Level
Legendre Coefficients

79-Au-196



Incident Energy (MeV)

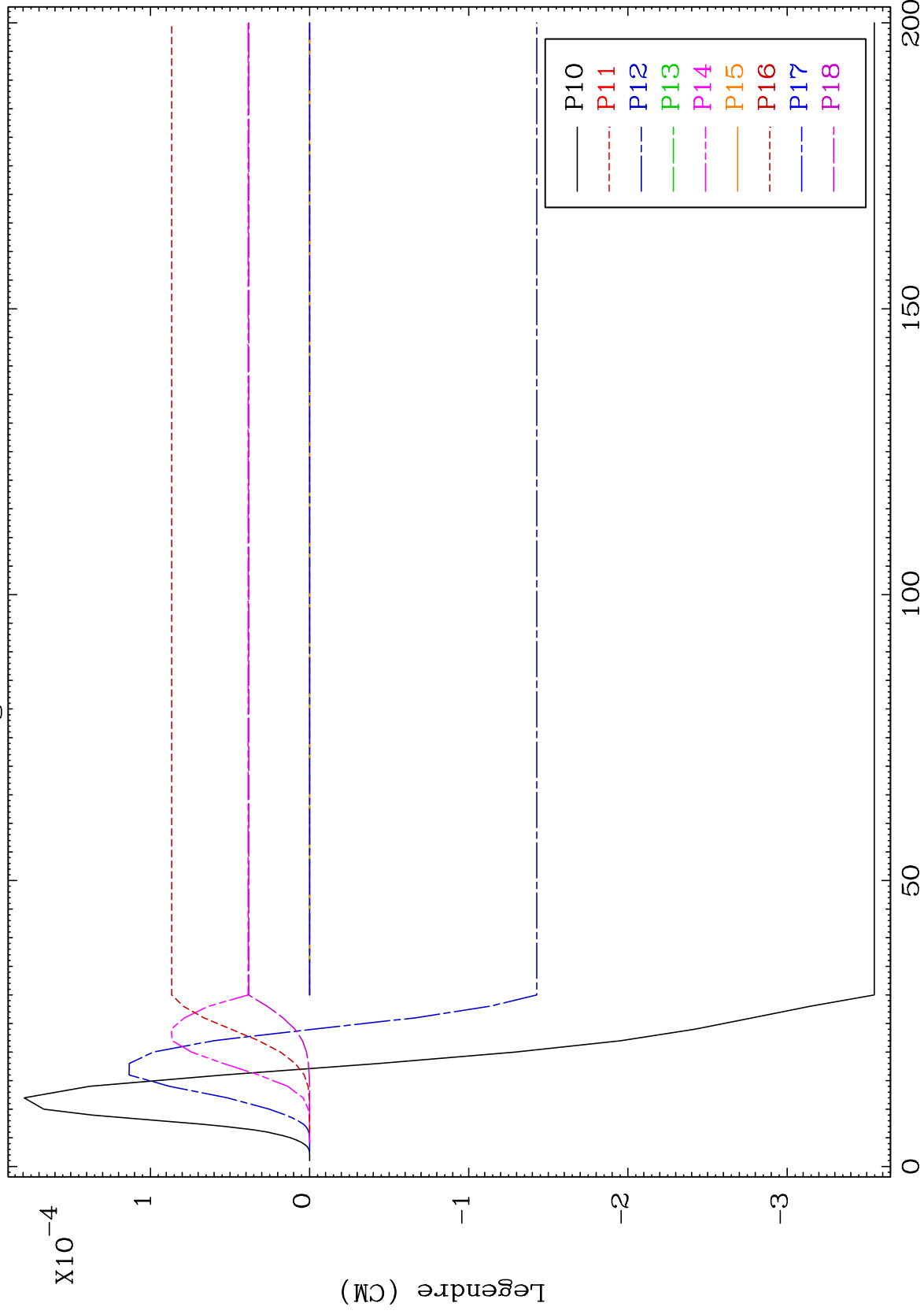
79-Au-196

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MAT 7922

84.66 keV (n,n') Level
Legendre Coefficients

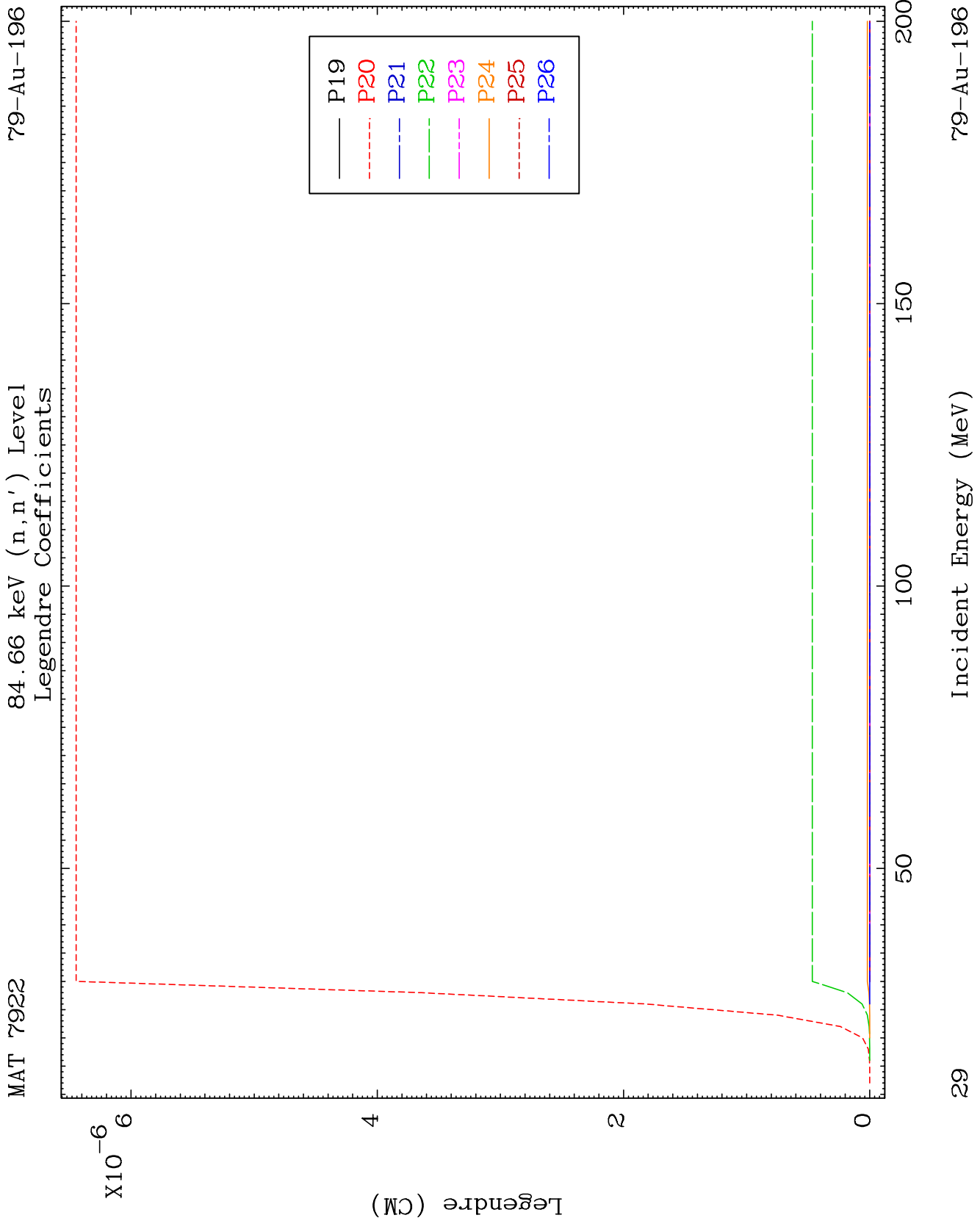
79-Au-196

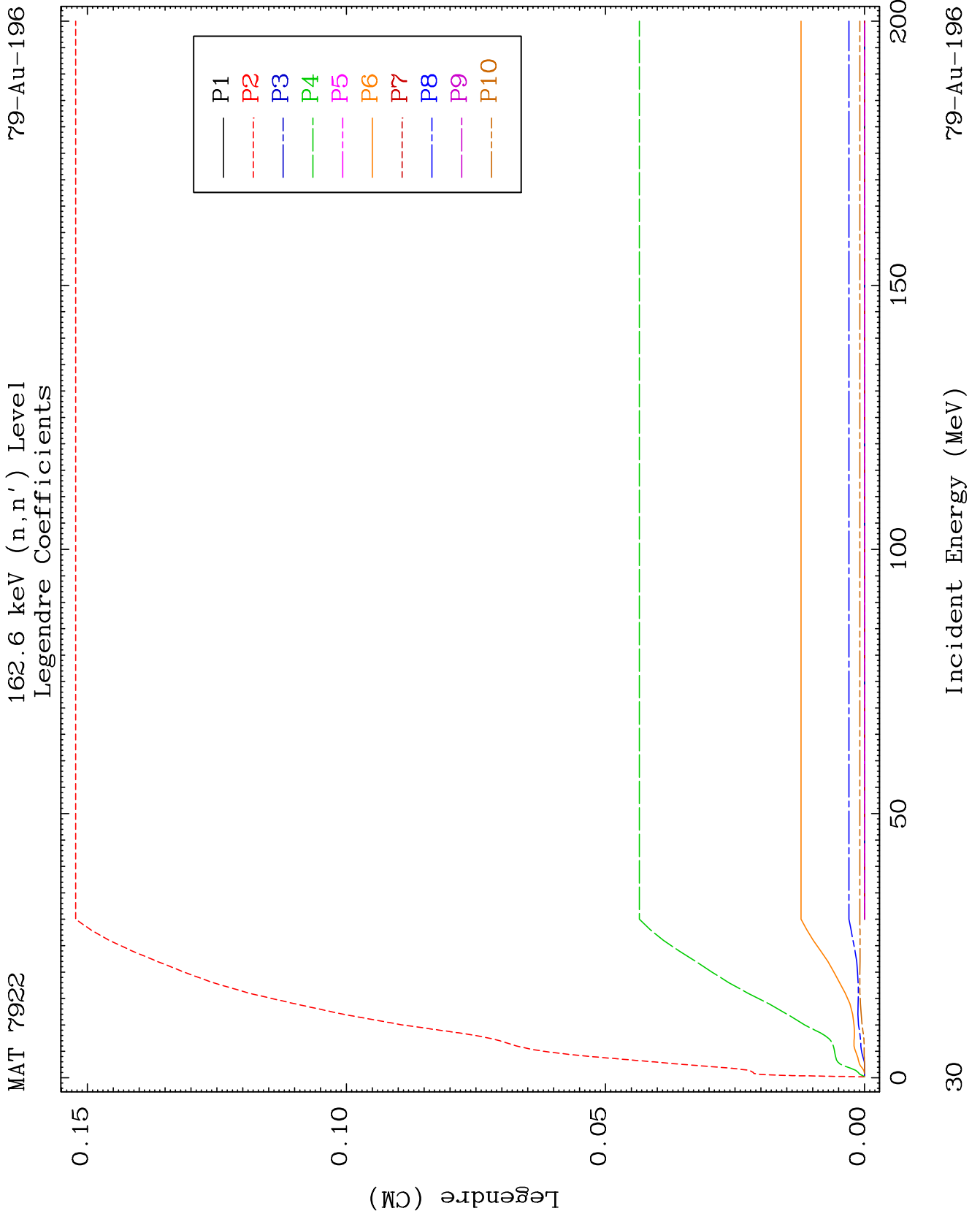


28

Incident Energy (MeV)

79-Au-196

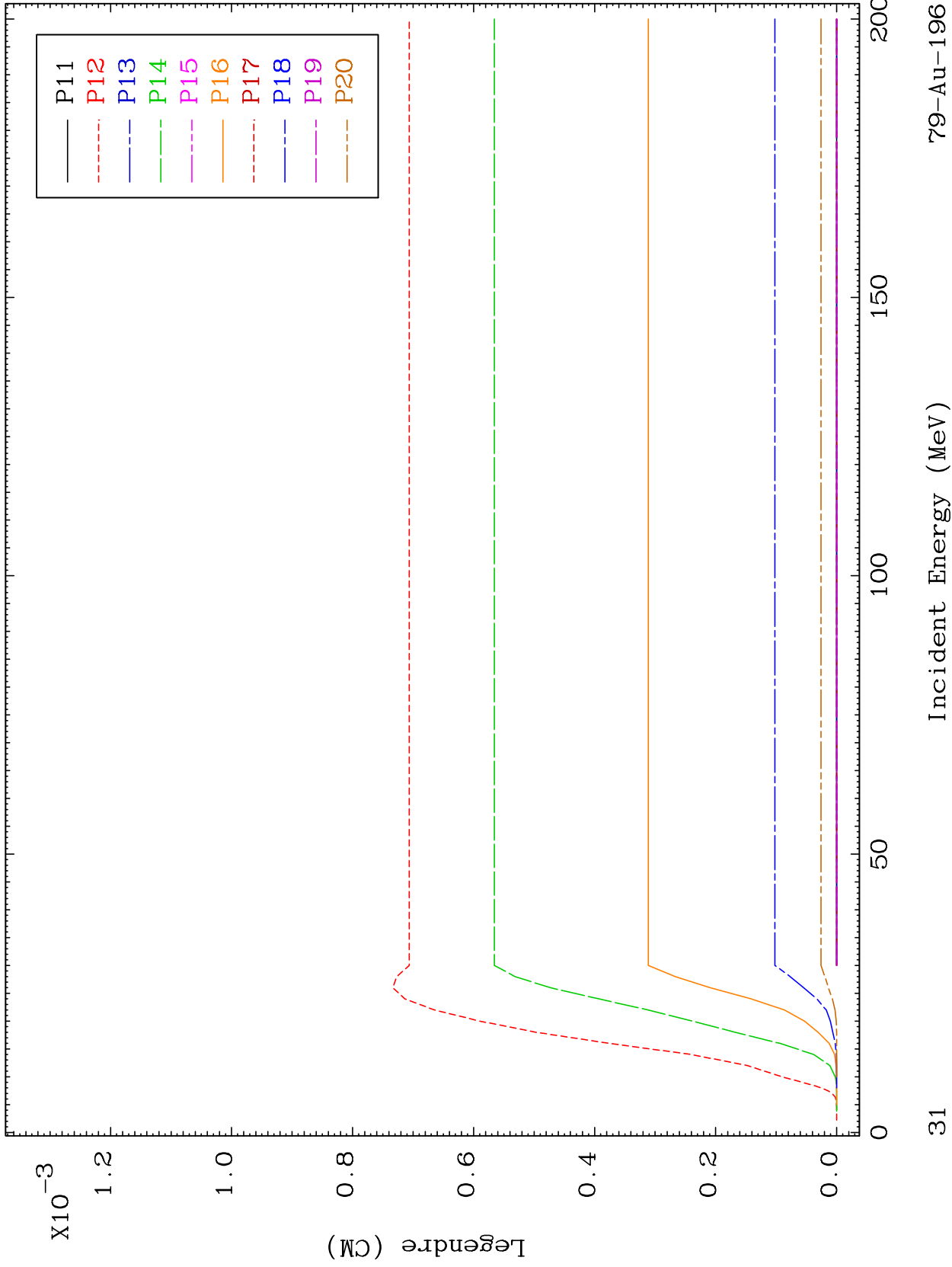




MAT 7922

162.6 keV (n,n') Level
Legendre Coefficients

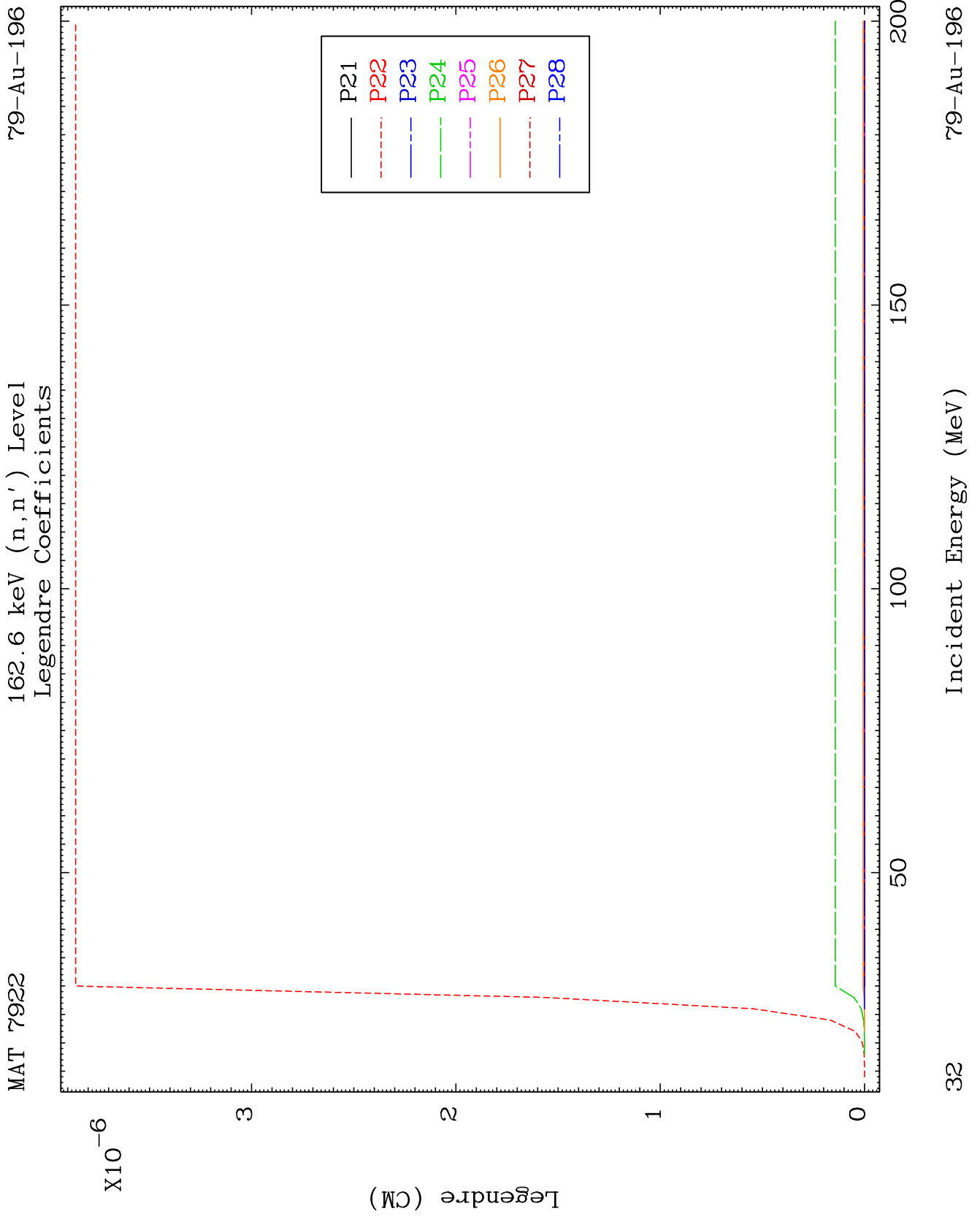
79-Au-196



31

Incident Energy (MeV)

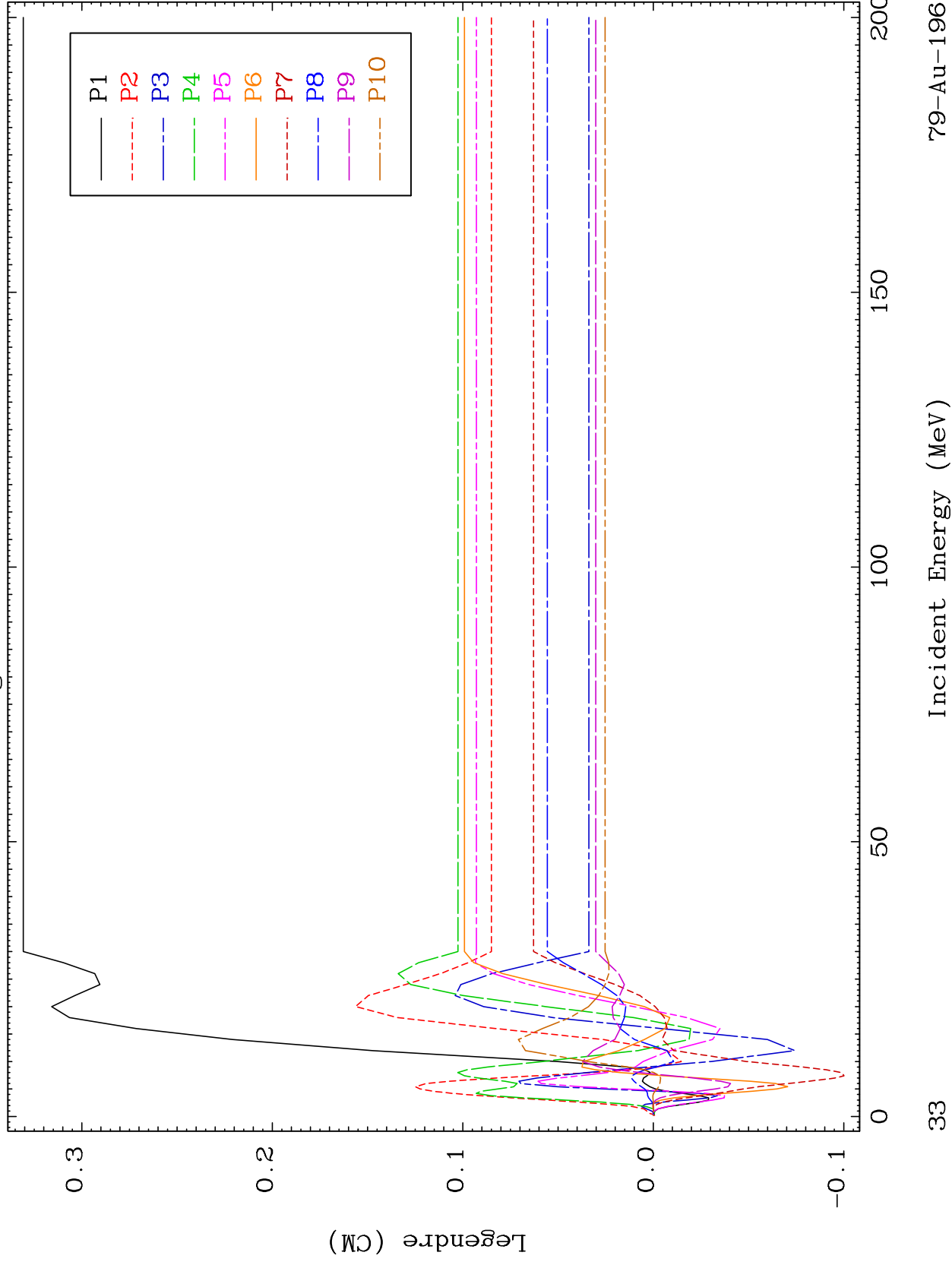
79-Au-196



MAT 7922

166.4 keV (n,n') Level
Legendre Coefficients

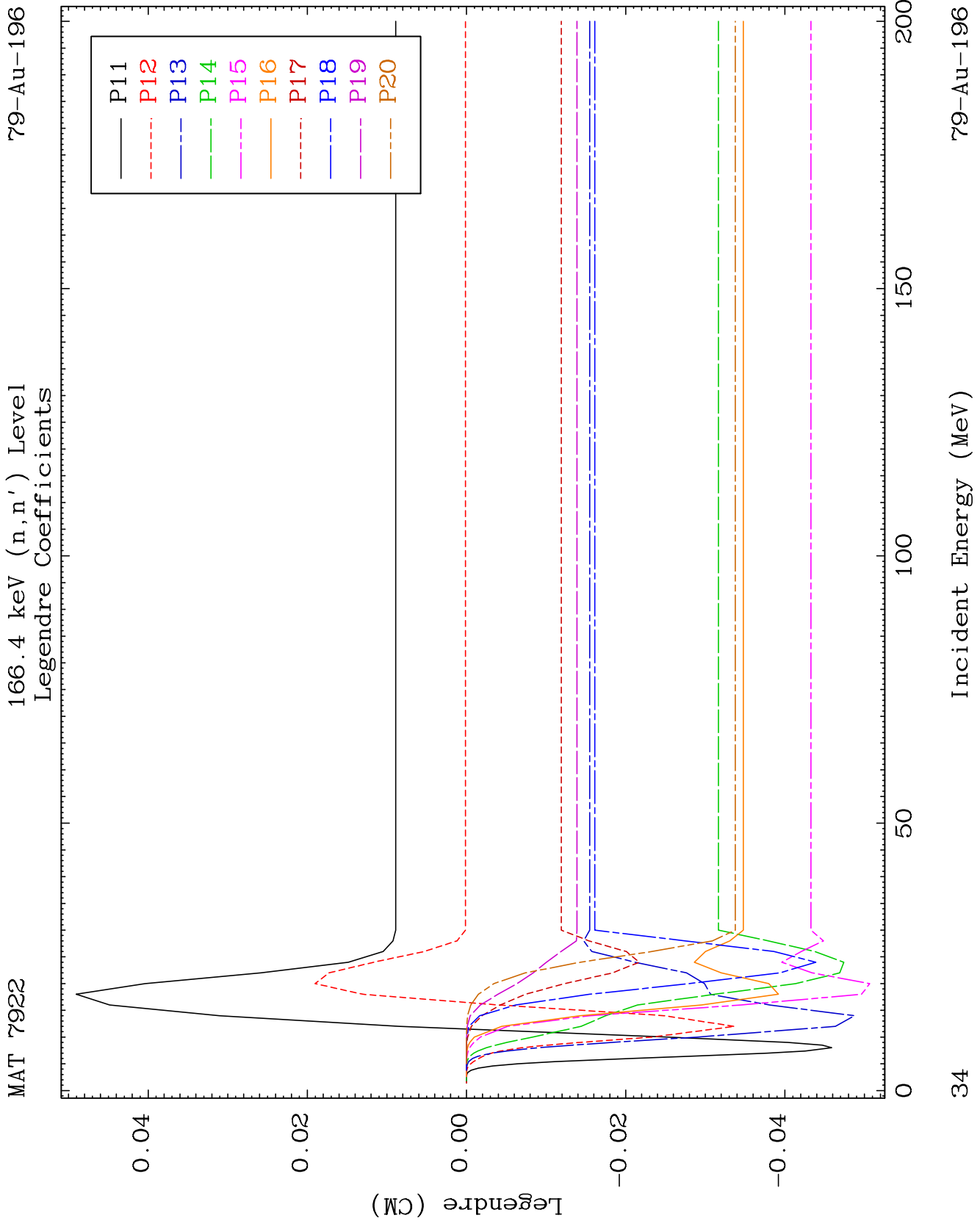
79-Au-196



79-Au-196

Incident Energy (MeV)

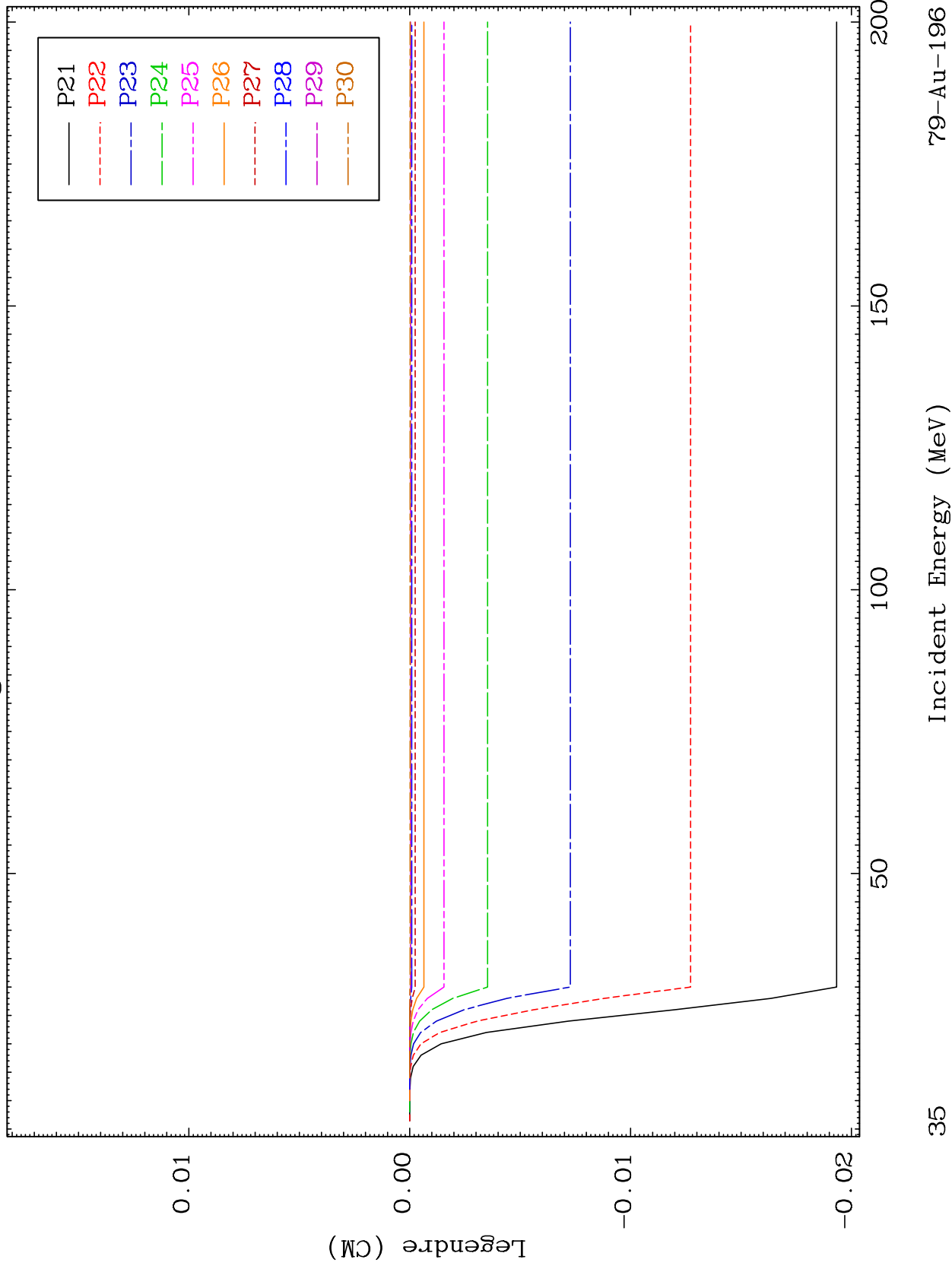
33



MAT 7922

166.4 keV (n,n') Level
Legendre Coefficients

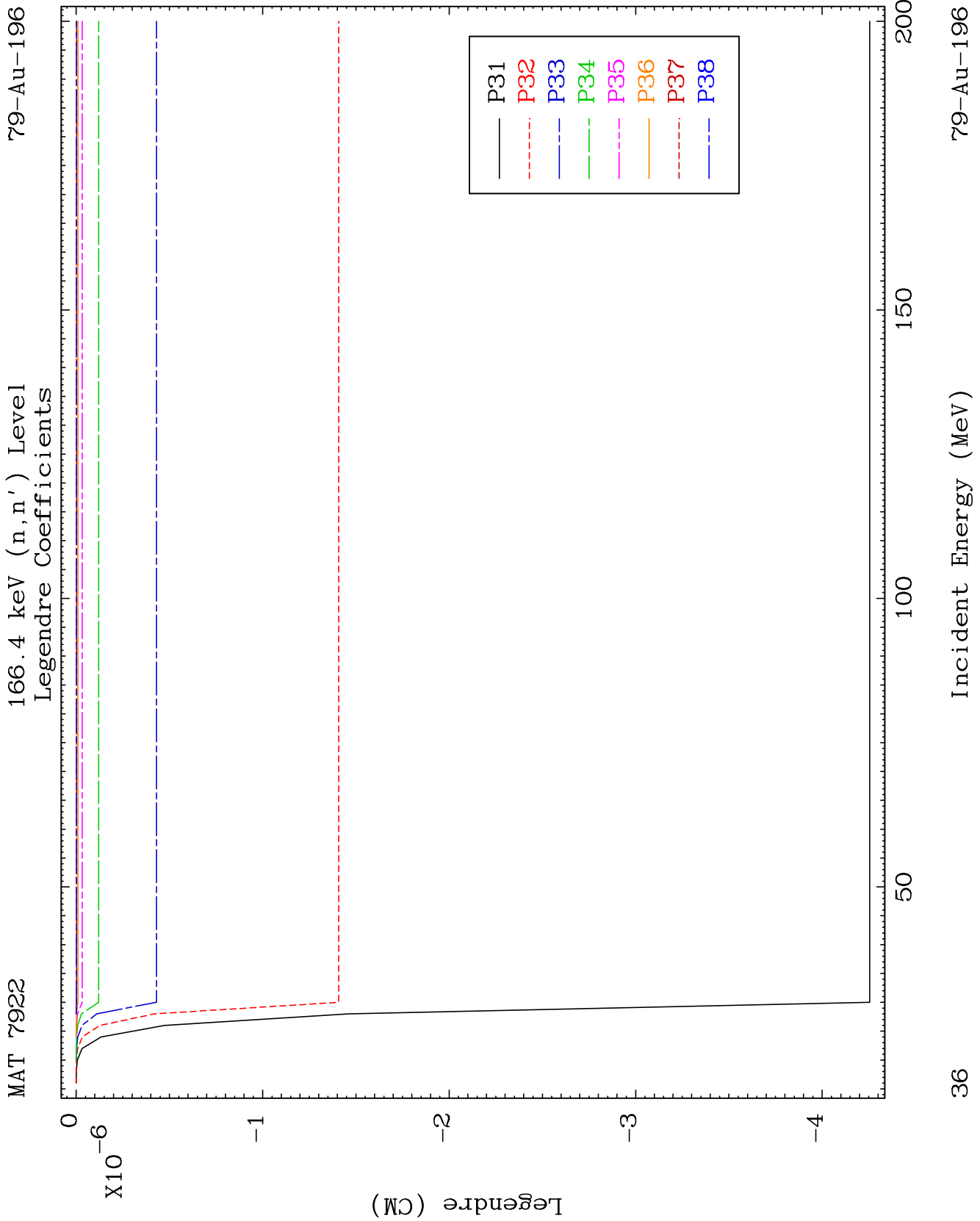
79-Au-196



35

Incident Energy (MeV)

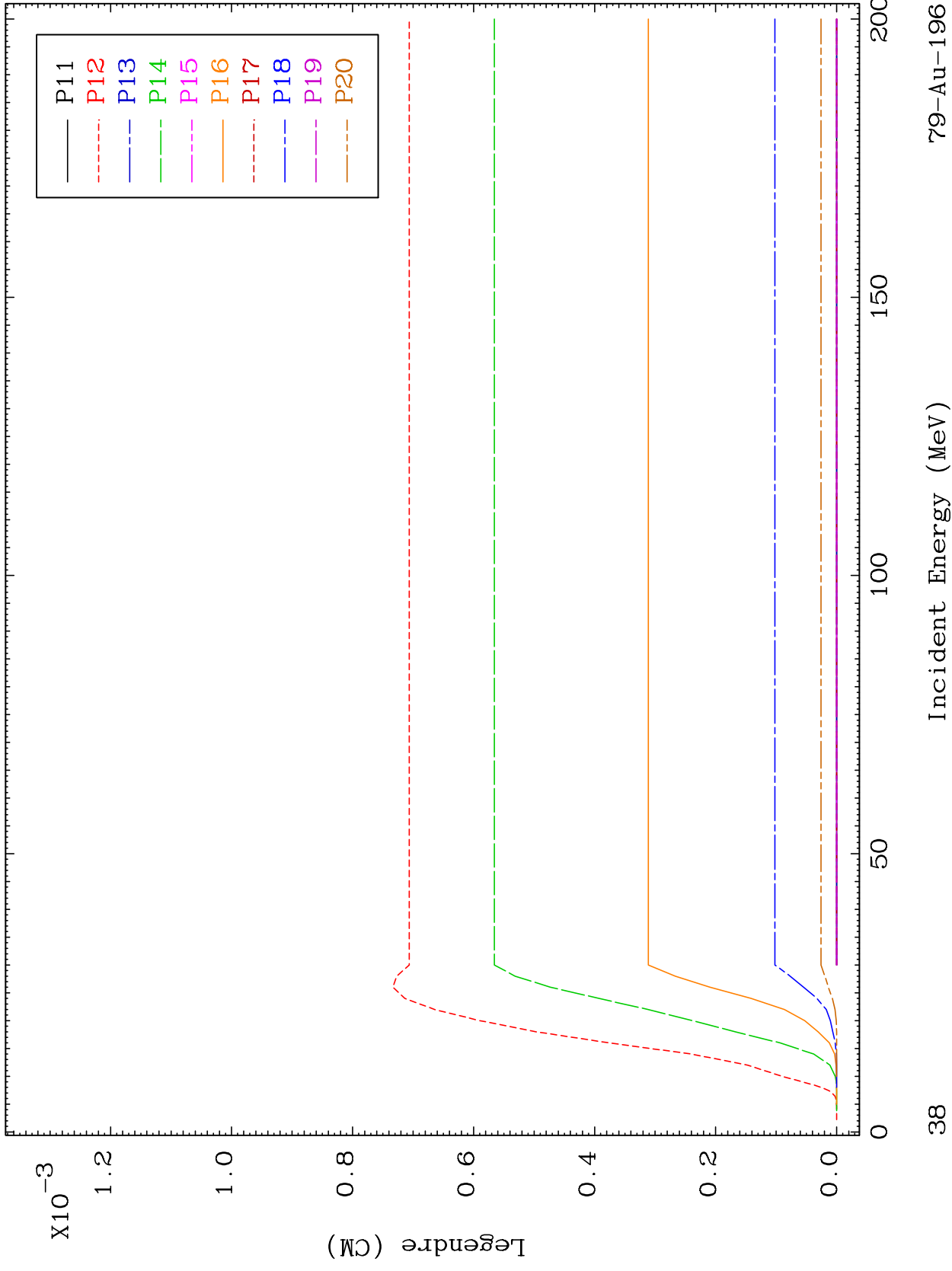
79-Au-196



MAT 7922

167.4 keV (n,n') Level
Legendre Coefficients

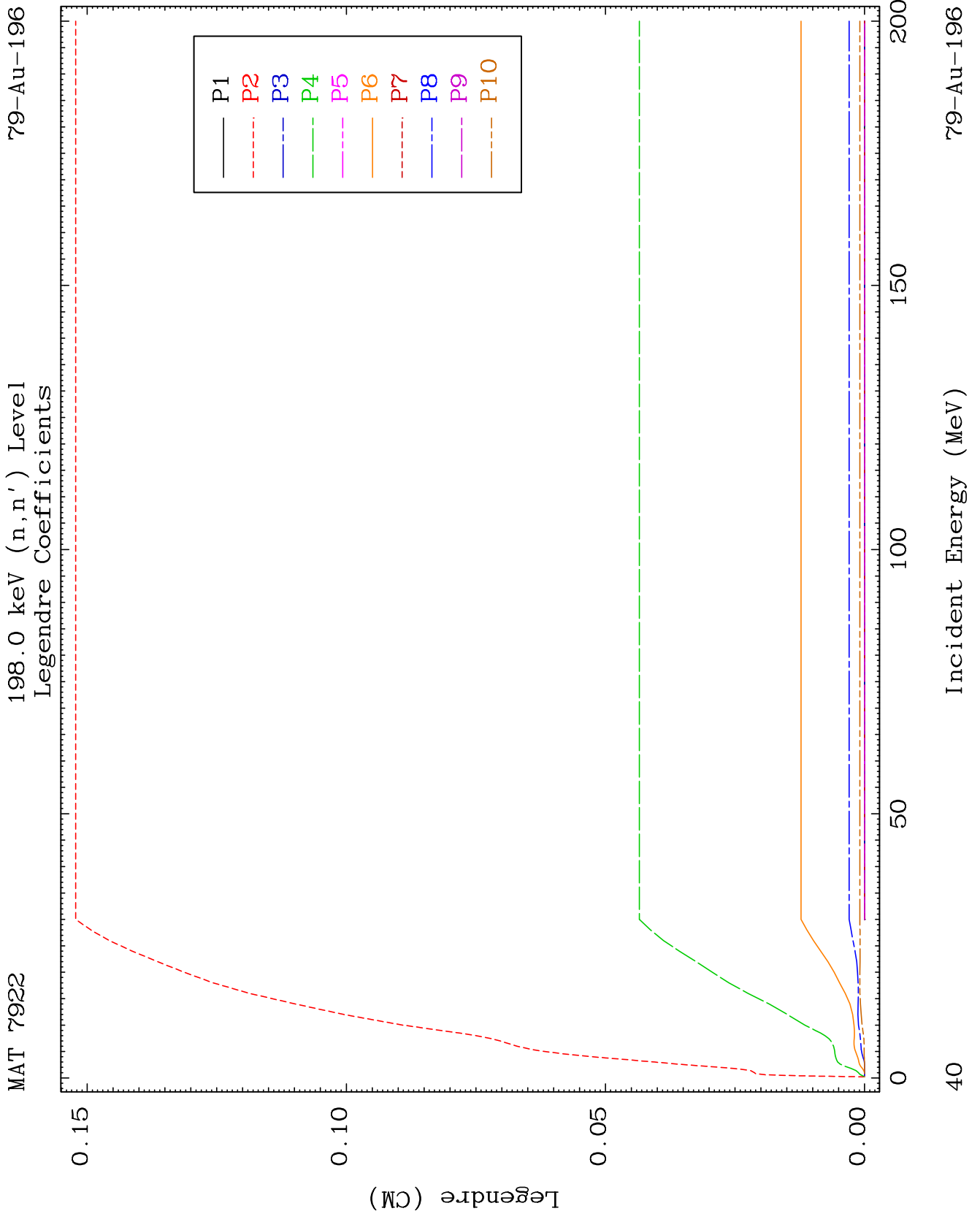
79-Au-196



38

Incident Energy (MeV)

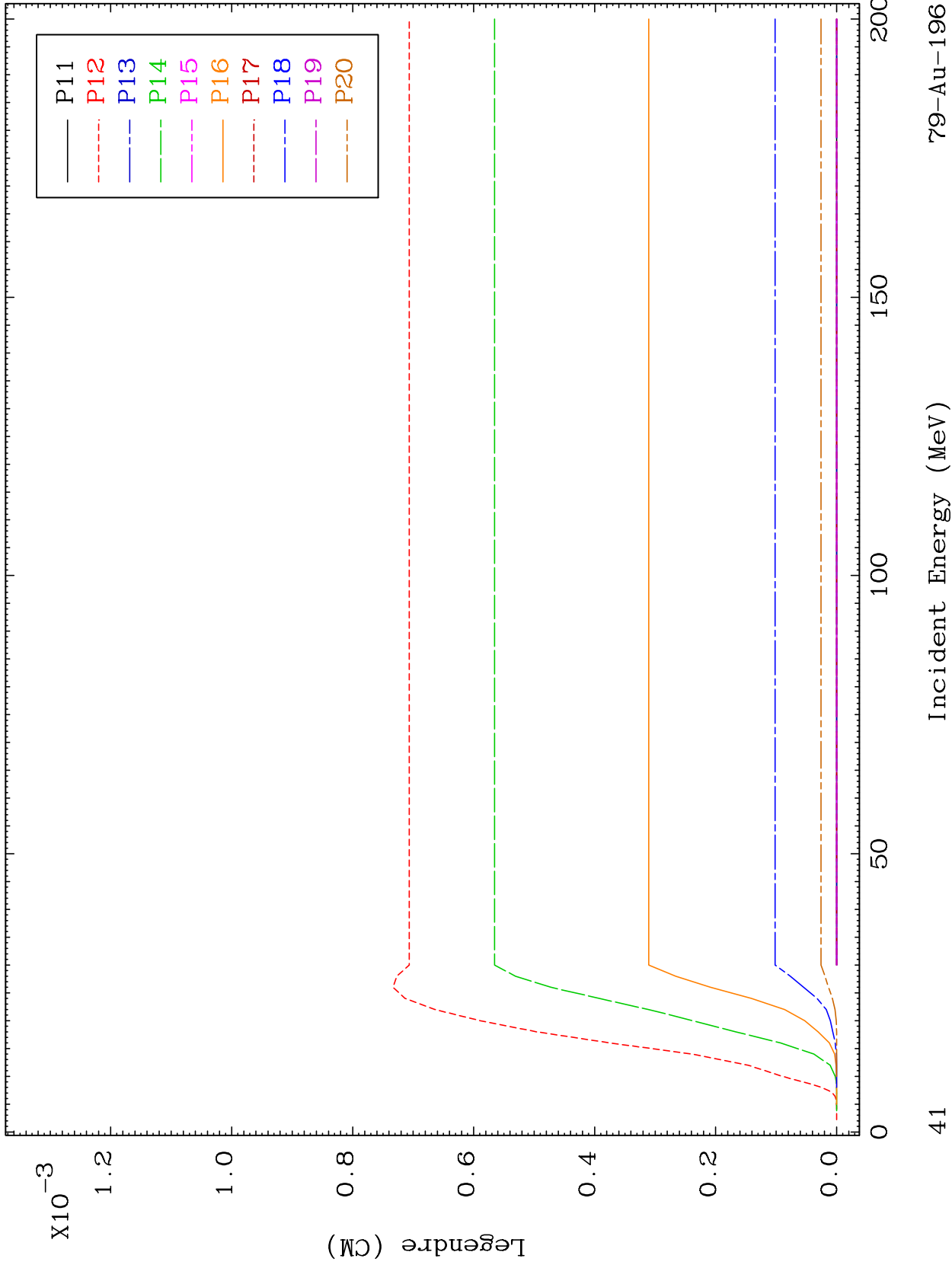
79-Au-196



MAT 7922

198.0 keV (n,n') Level
Legendre Coefficients

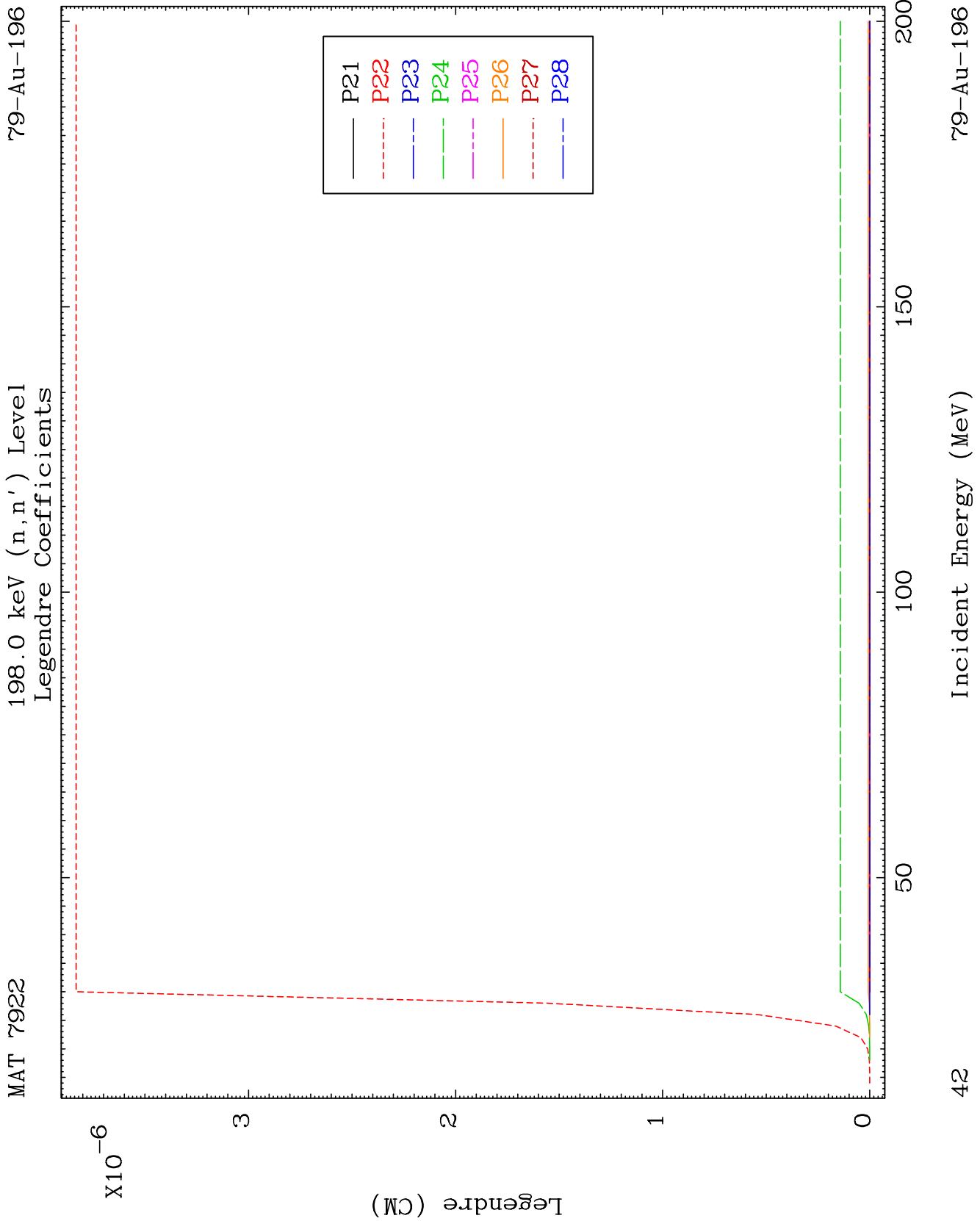
79-Au-196

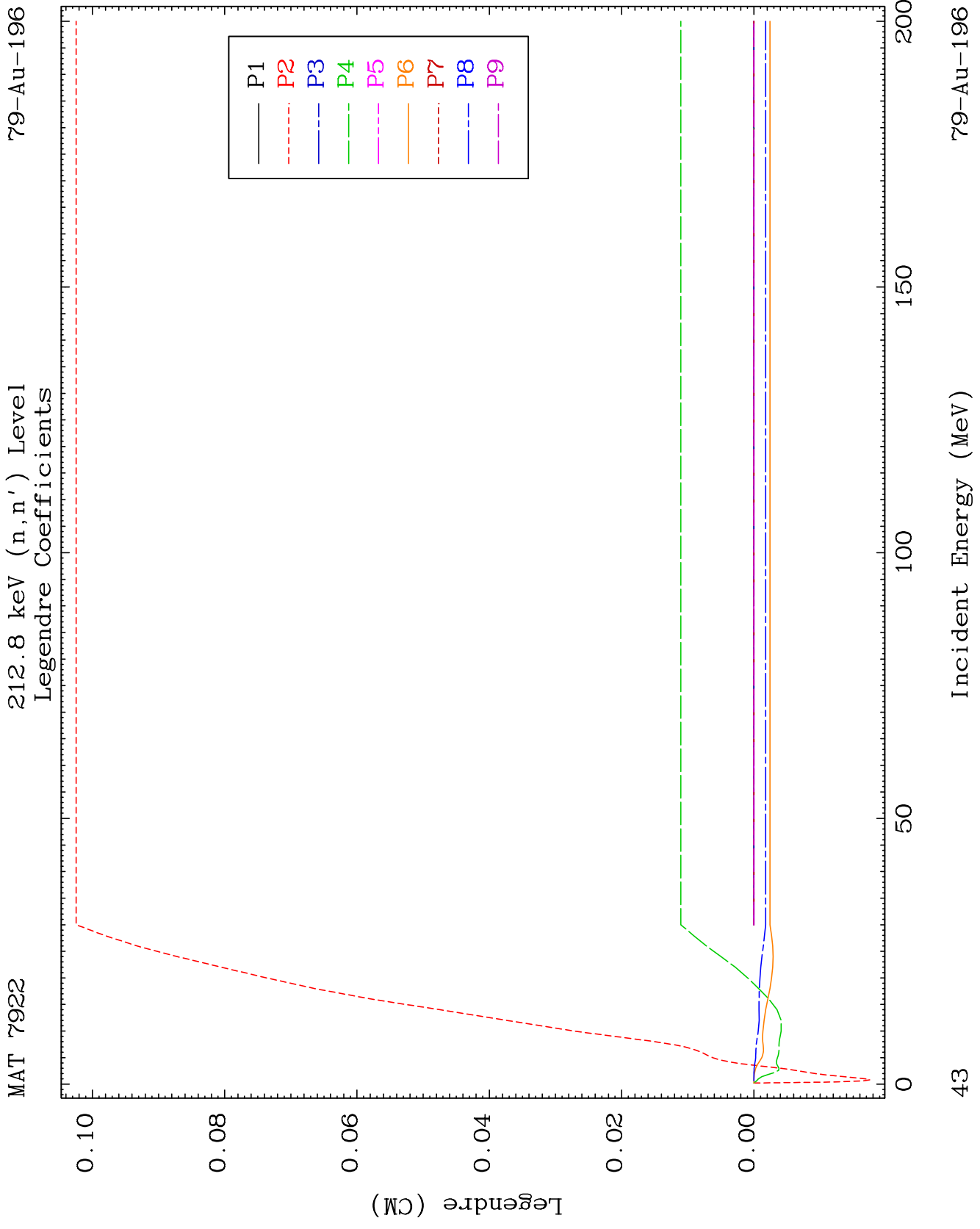


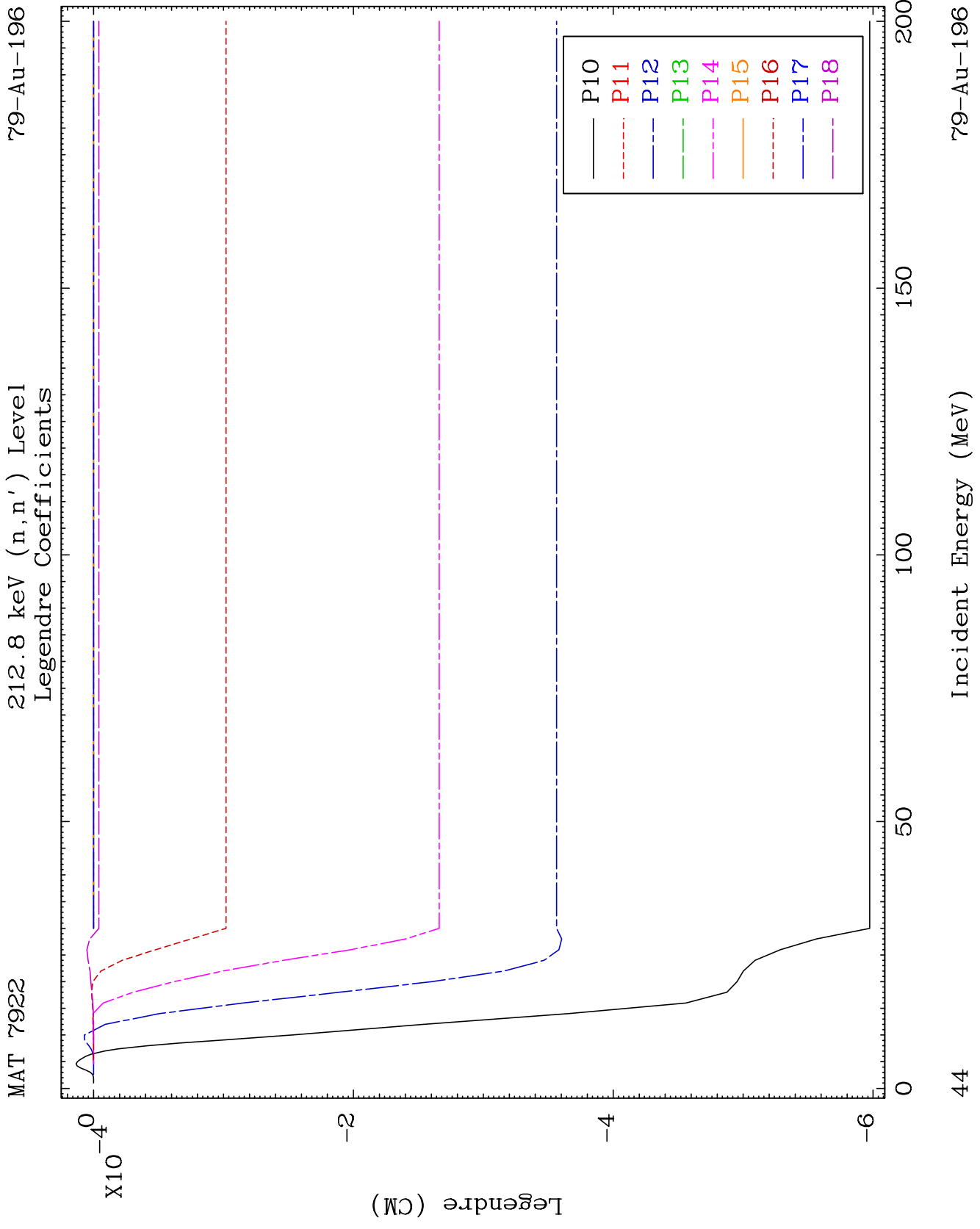
41

Incident Energy (MeV)

79-Au-196



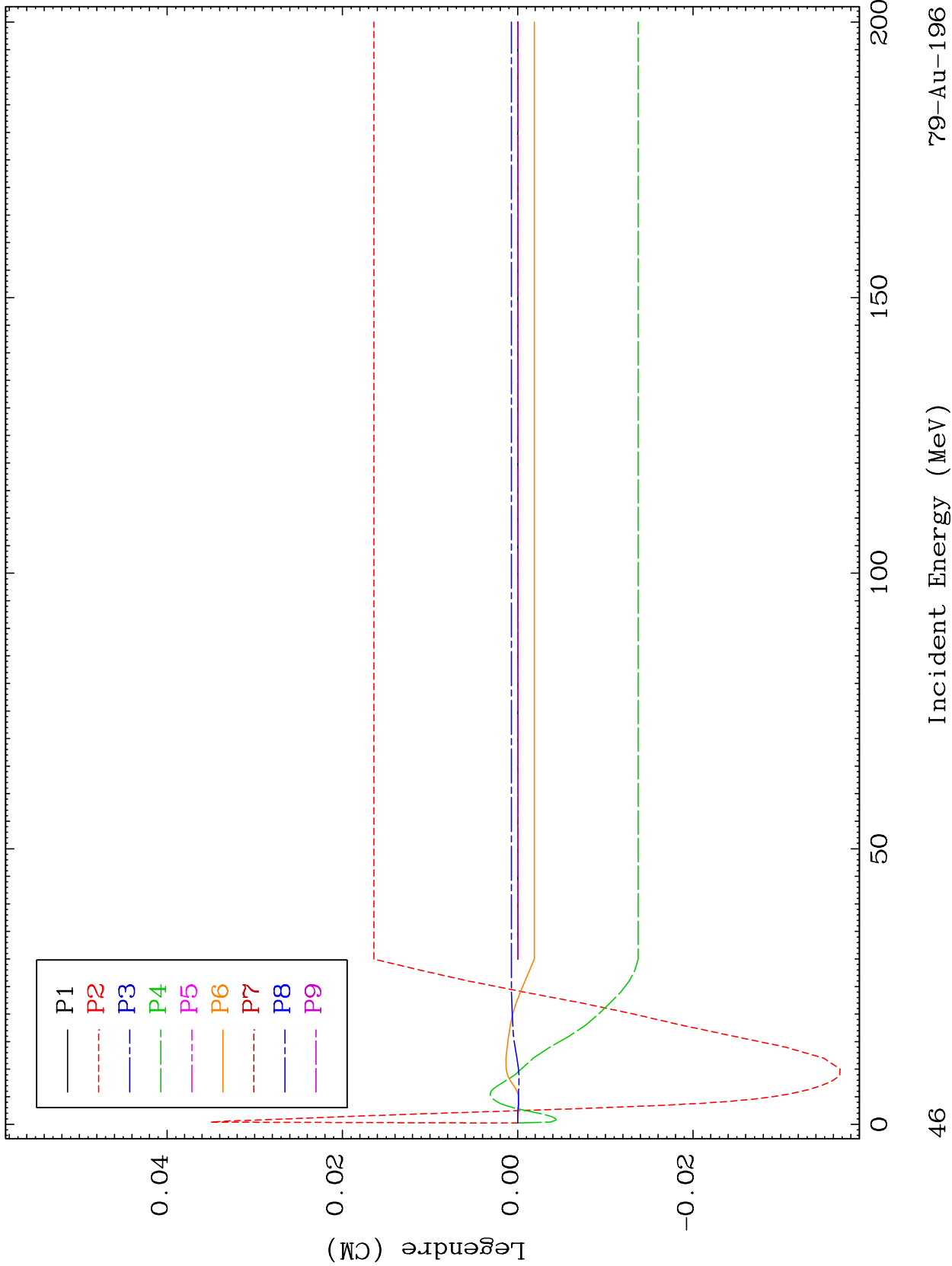




MAT 7922

232.5 keV (n,n') Level
Legendre Coefficients

79-Au-196



79-Au-196

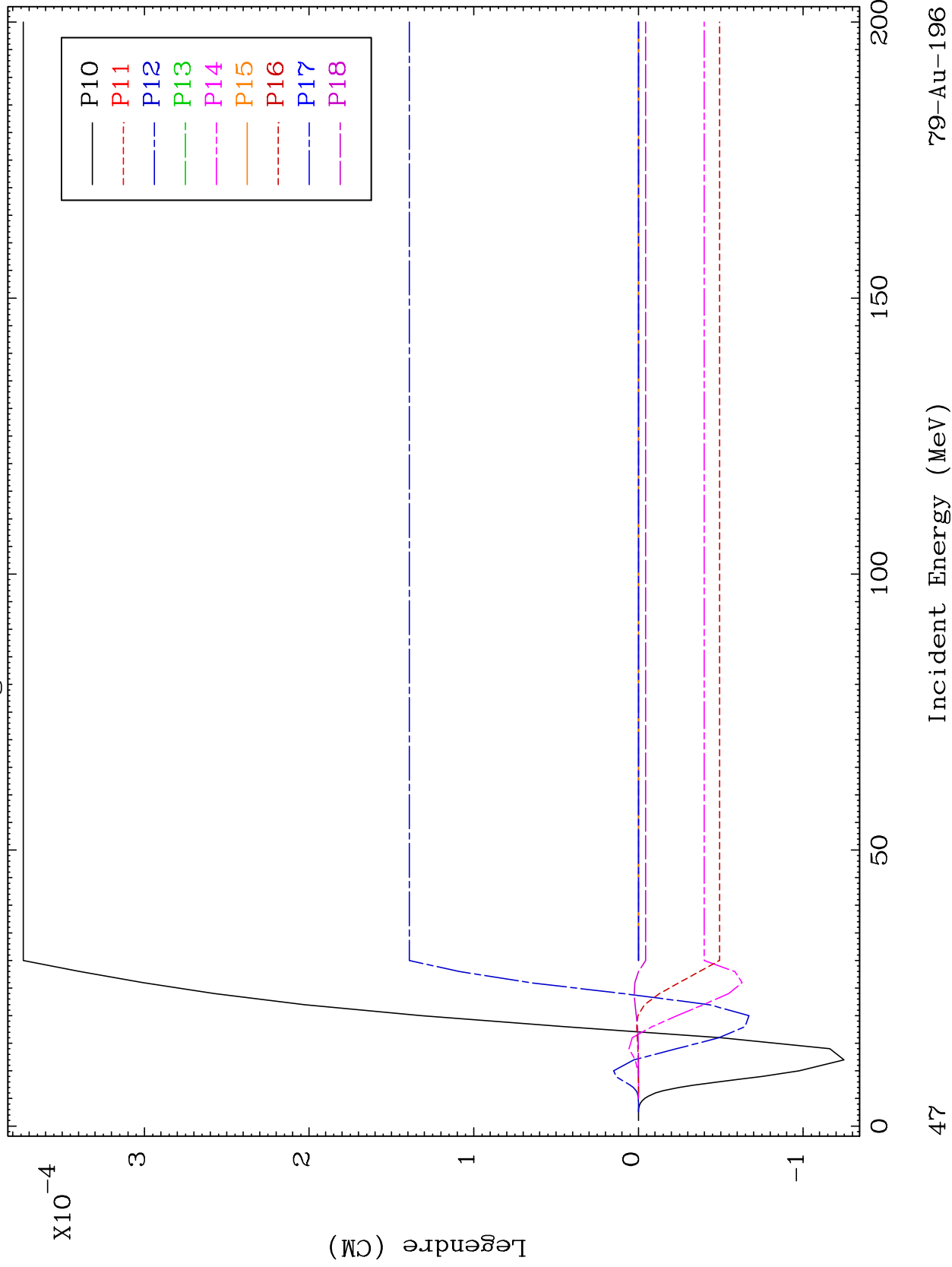
Incident Energy (MeV)

46

MAT 7922

232.5 keV (n,n') Level
Legendre Coefficients

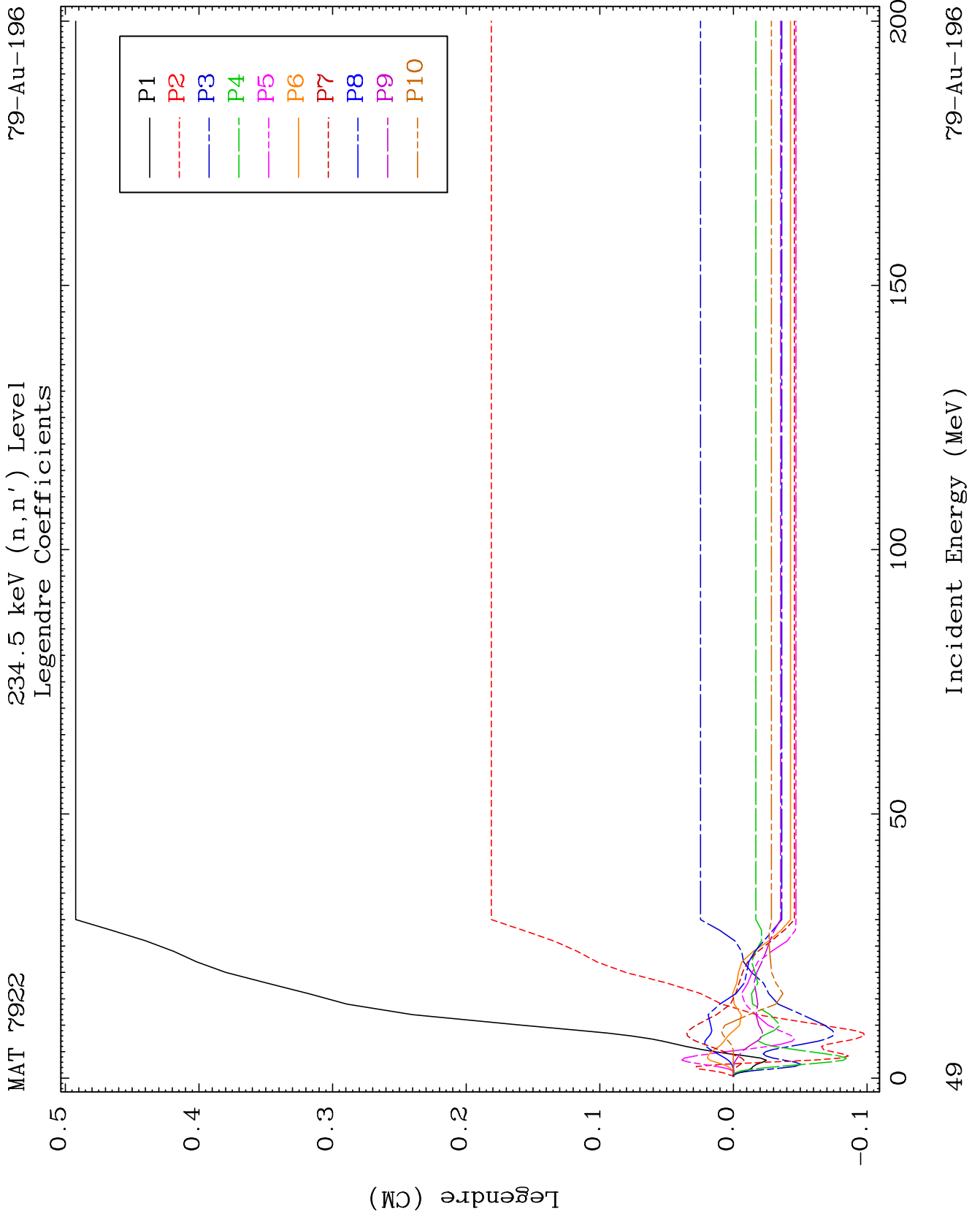
79-Au-196



79-Au-196

Incident Energy (MeV)

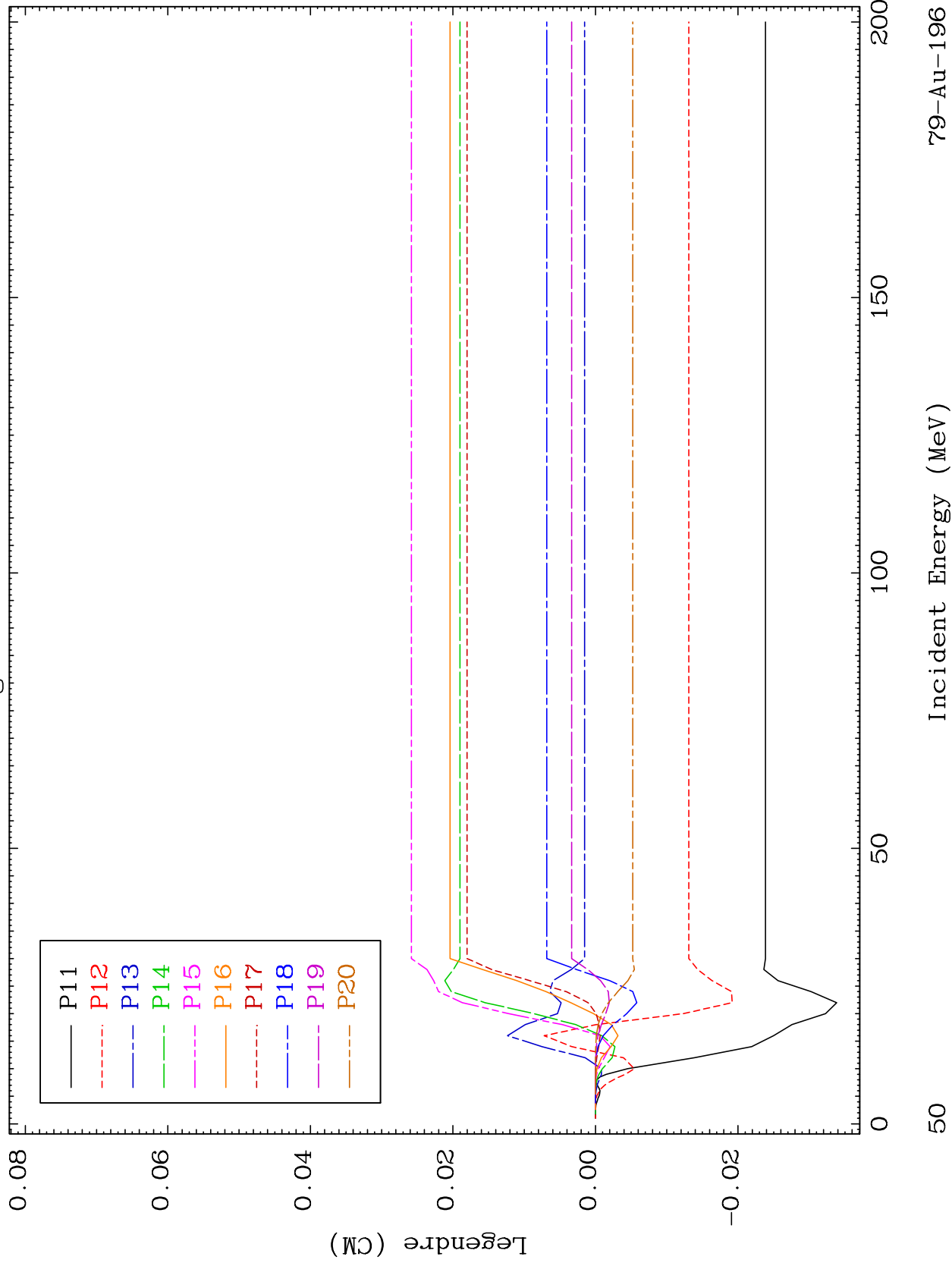
47

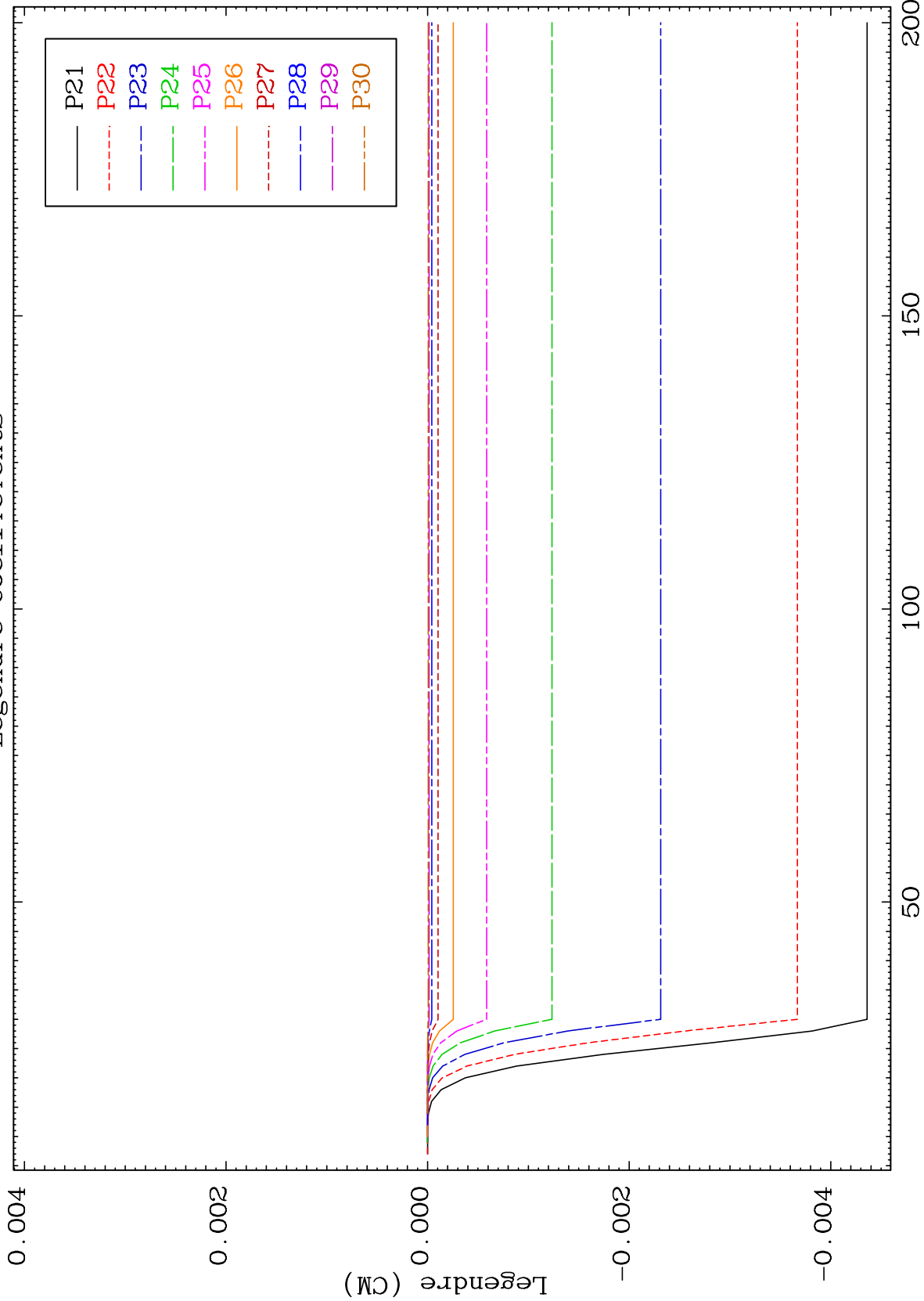


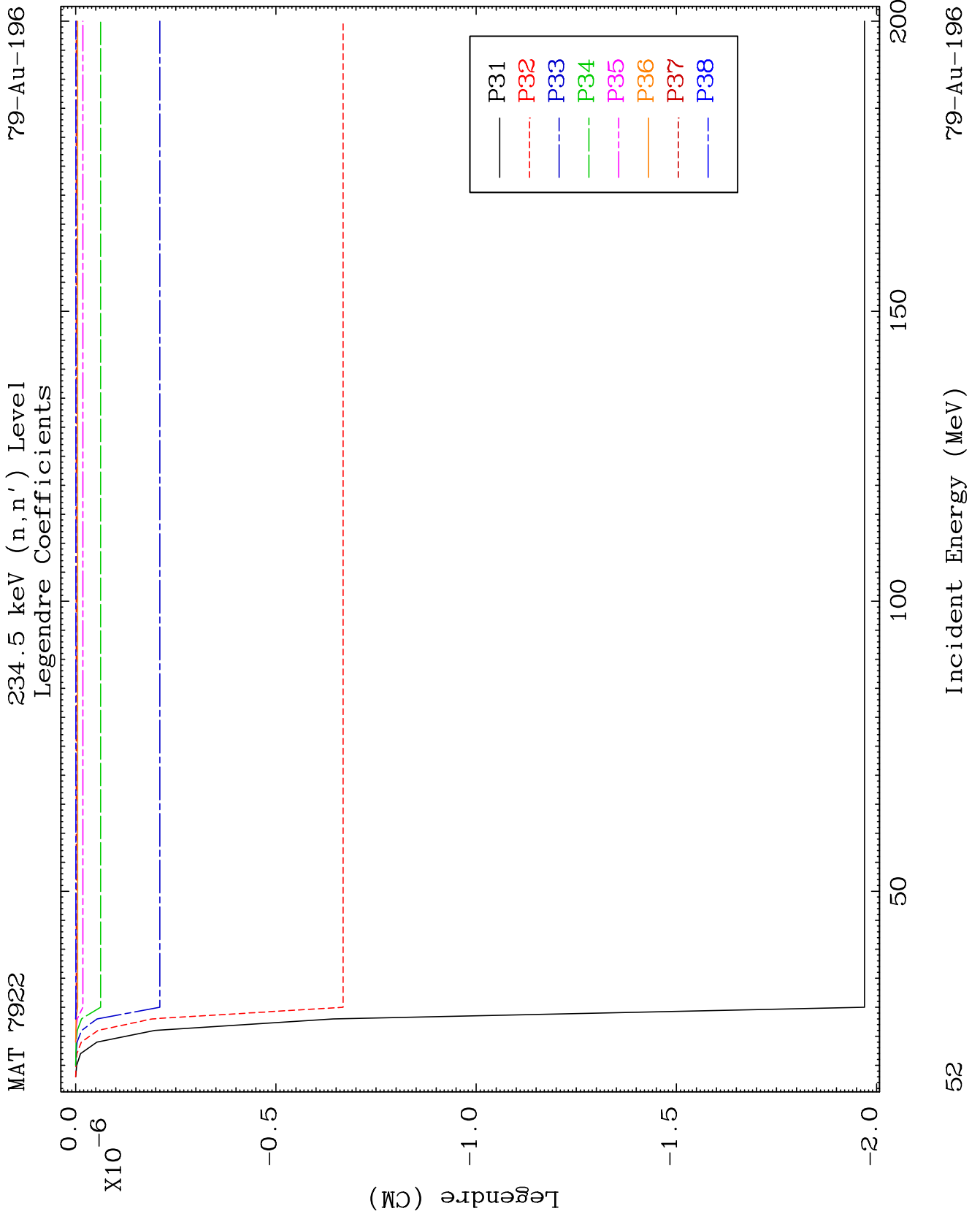
MAT 7922

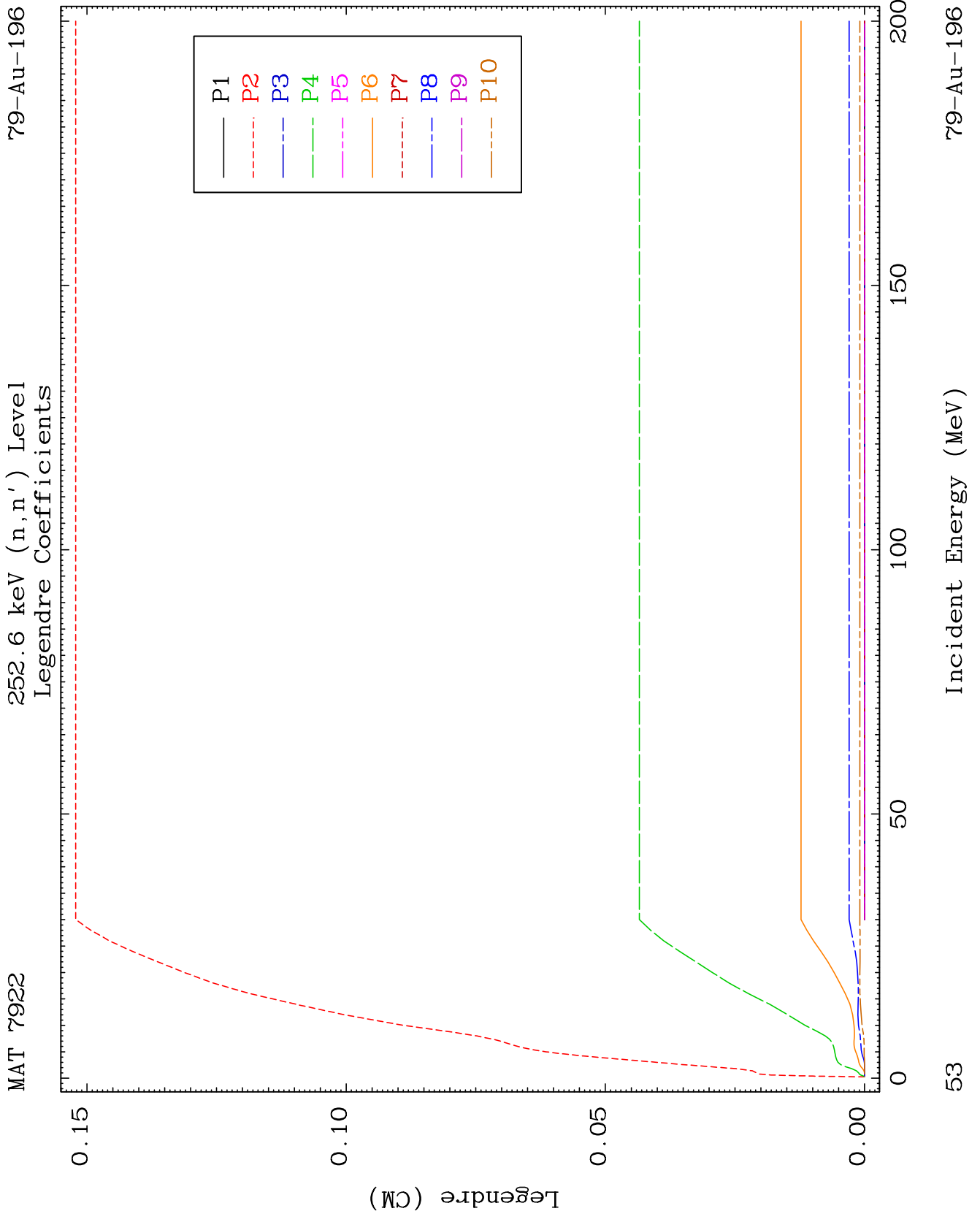
234.5 keV (n,n') Level
Legendre Coefficients

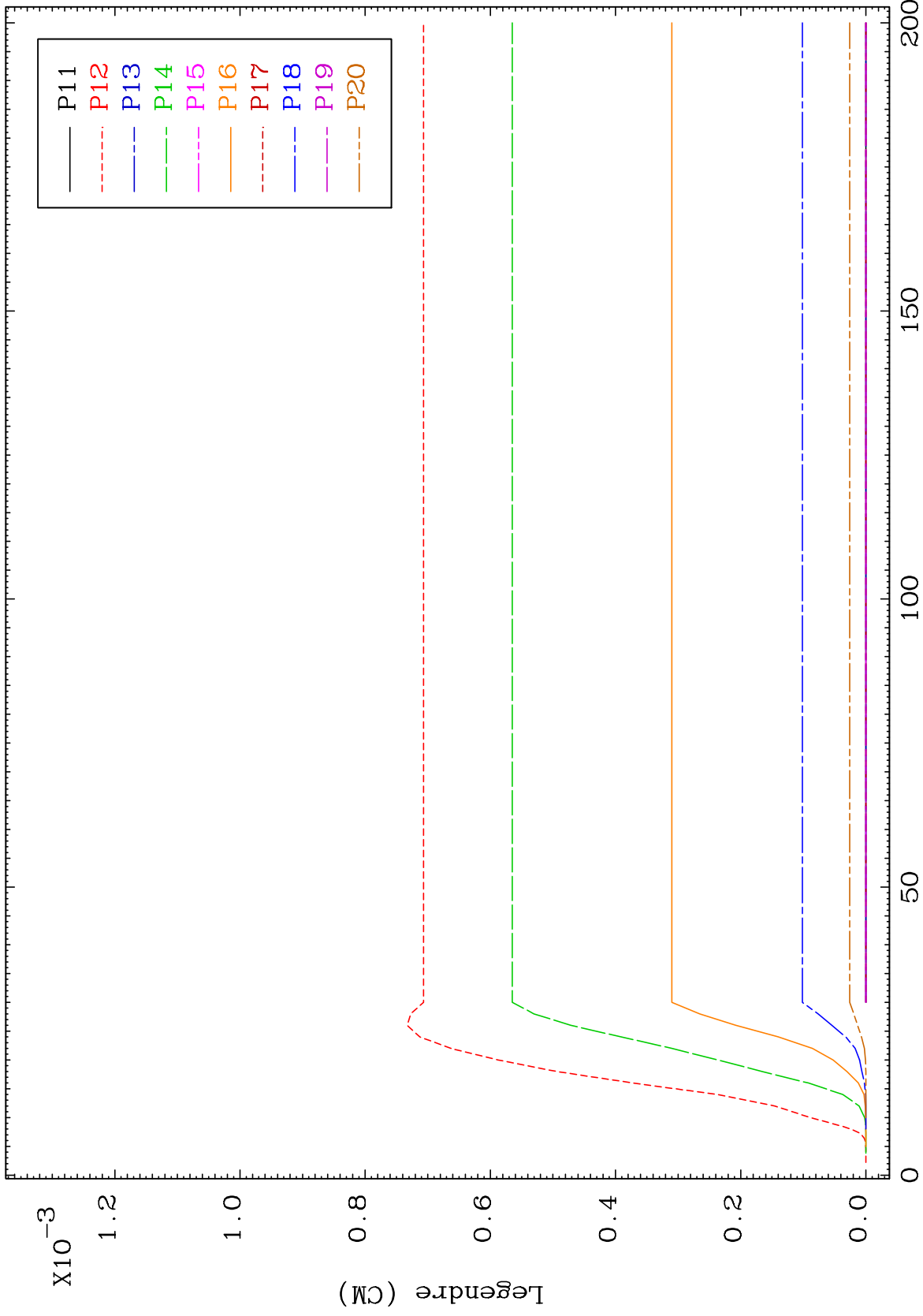
79-Au-196

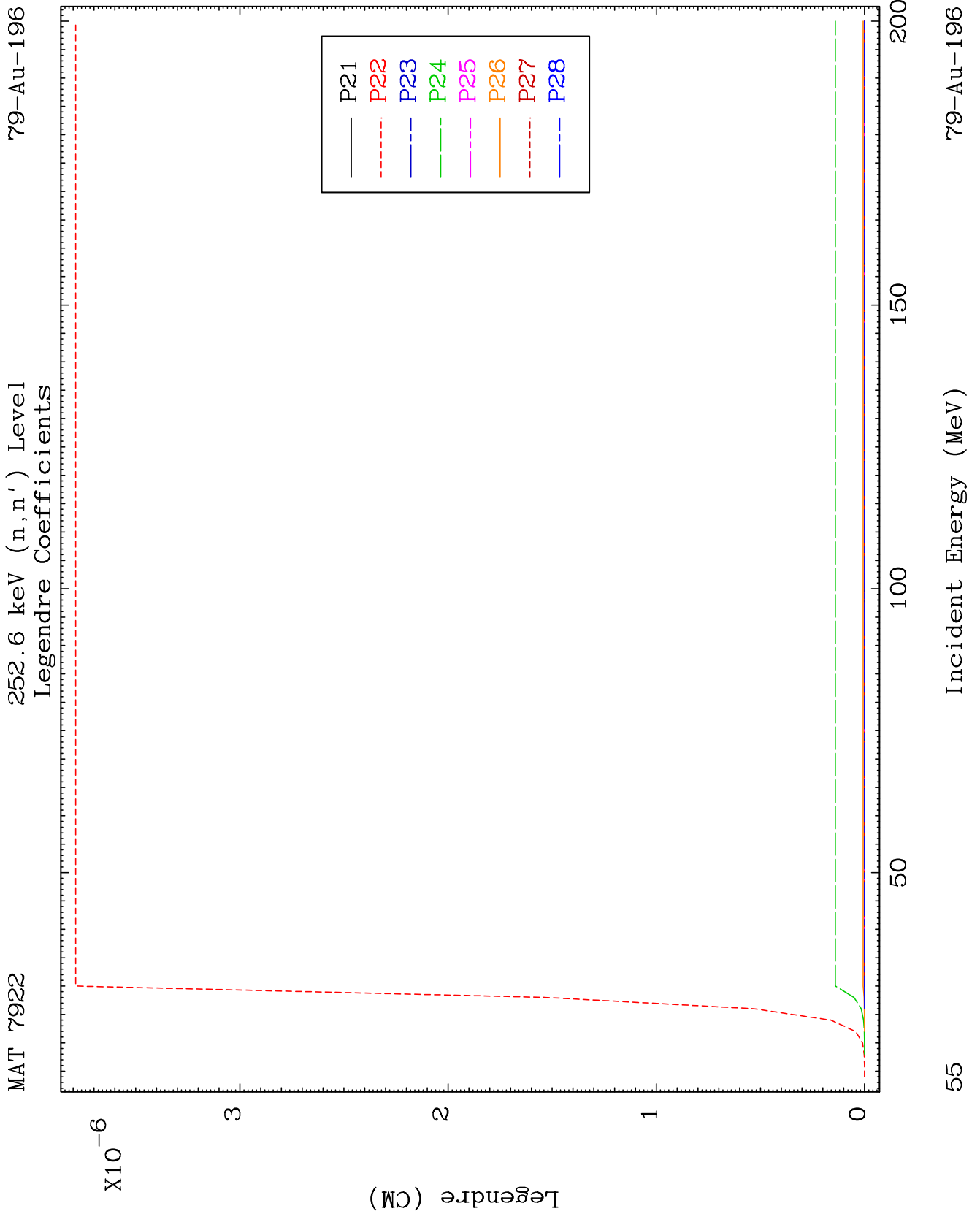


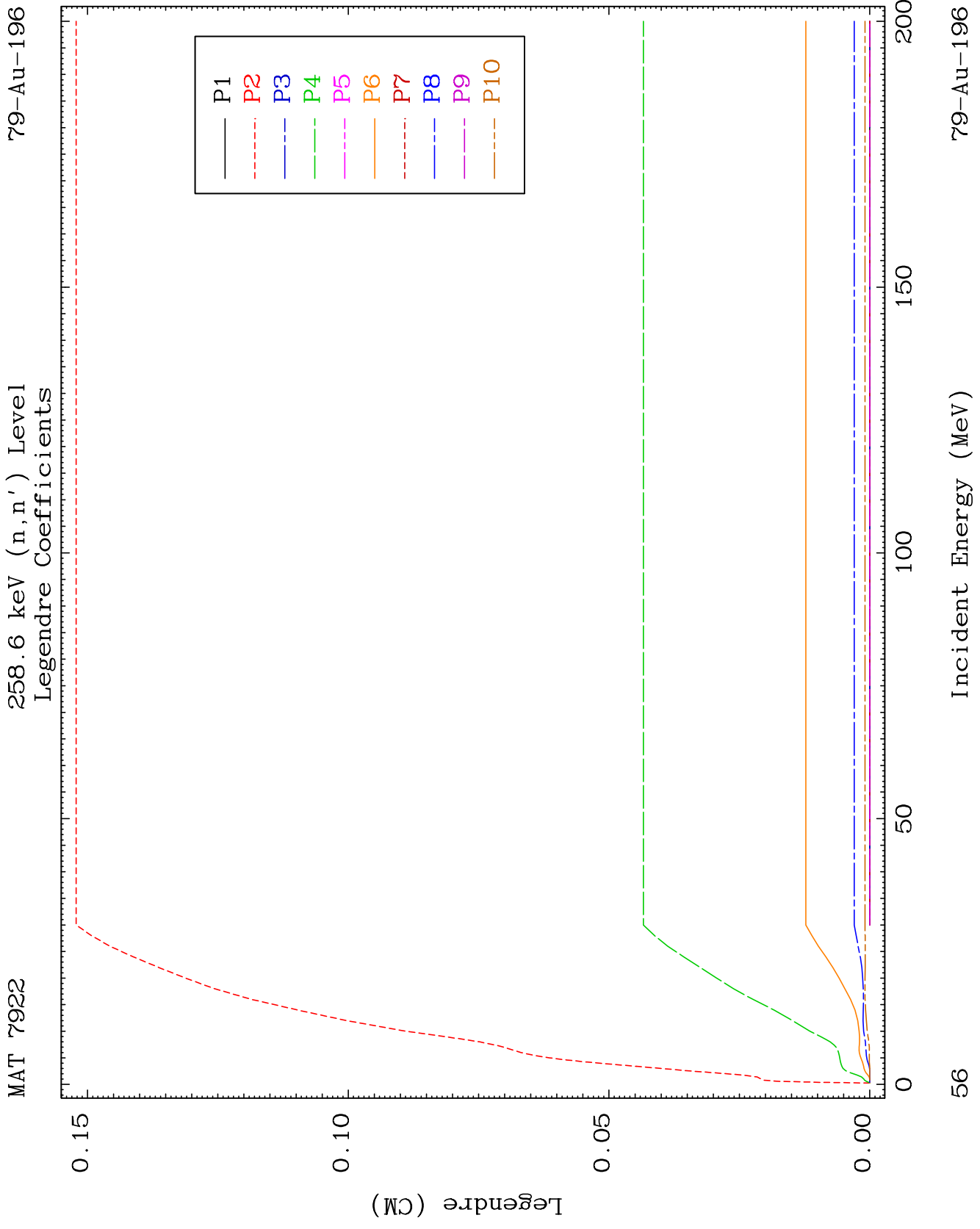


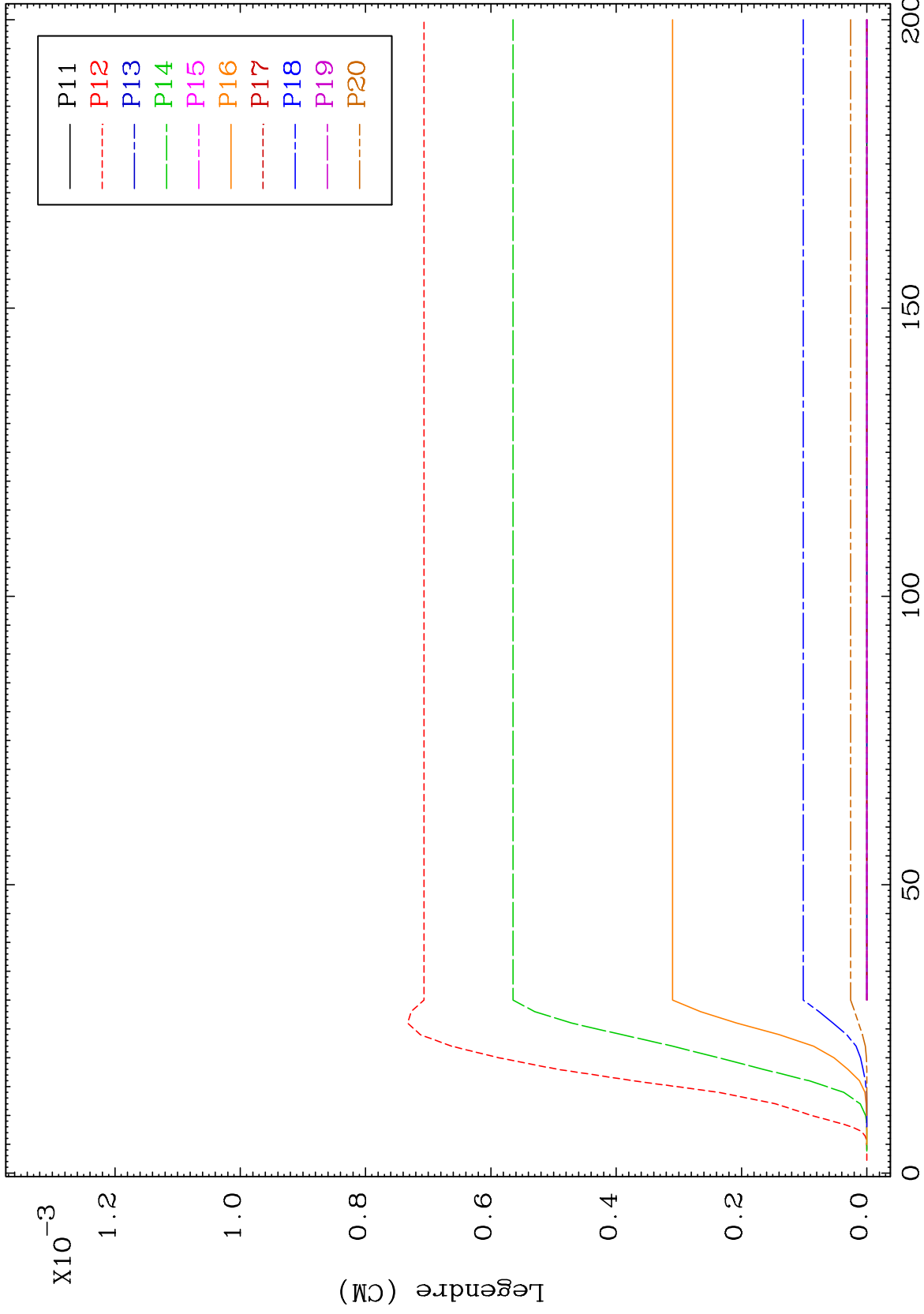


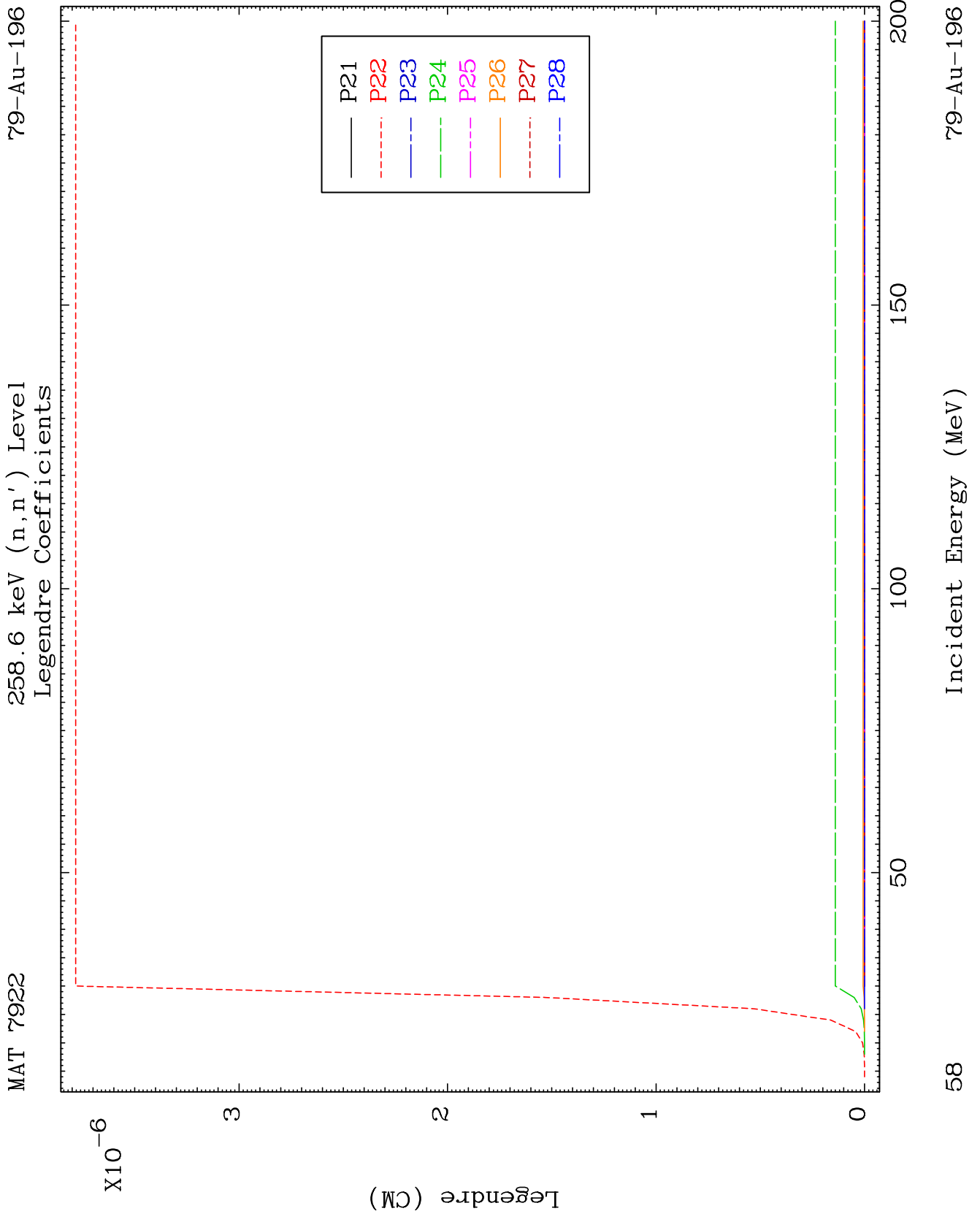


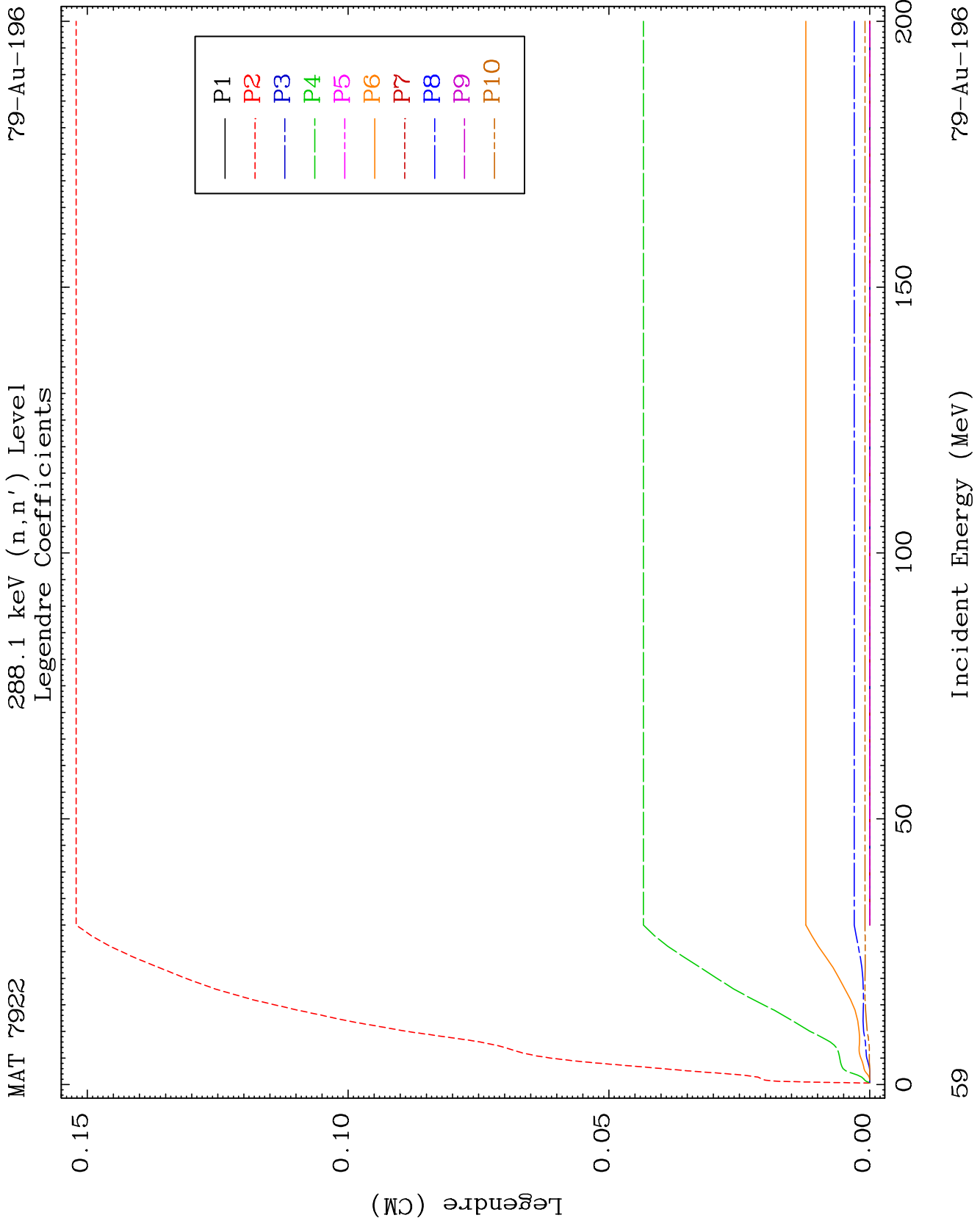








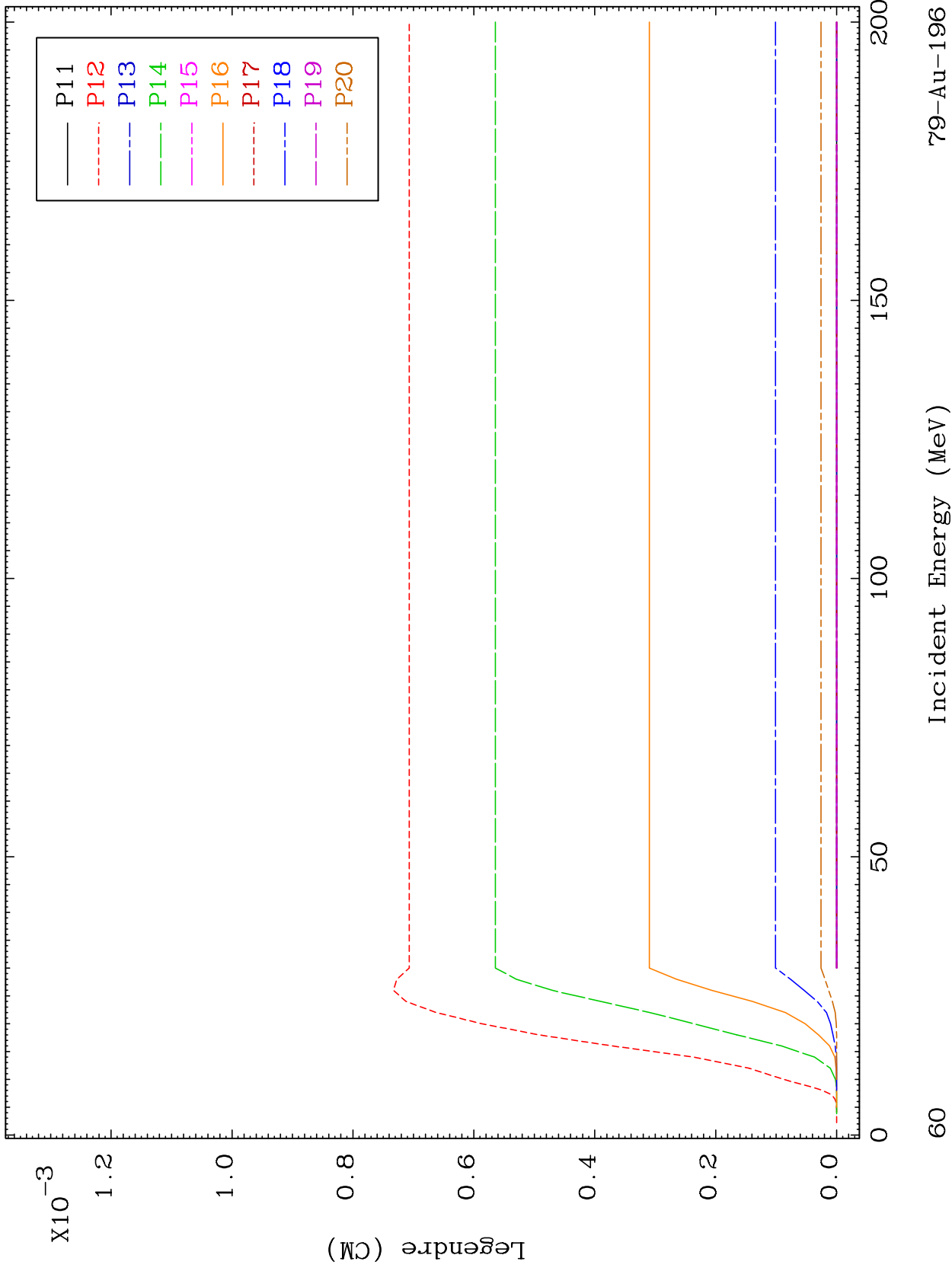




MAT 7922

288.1 keV (n,n') Level
Legendre Coefficients

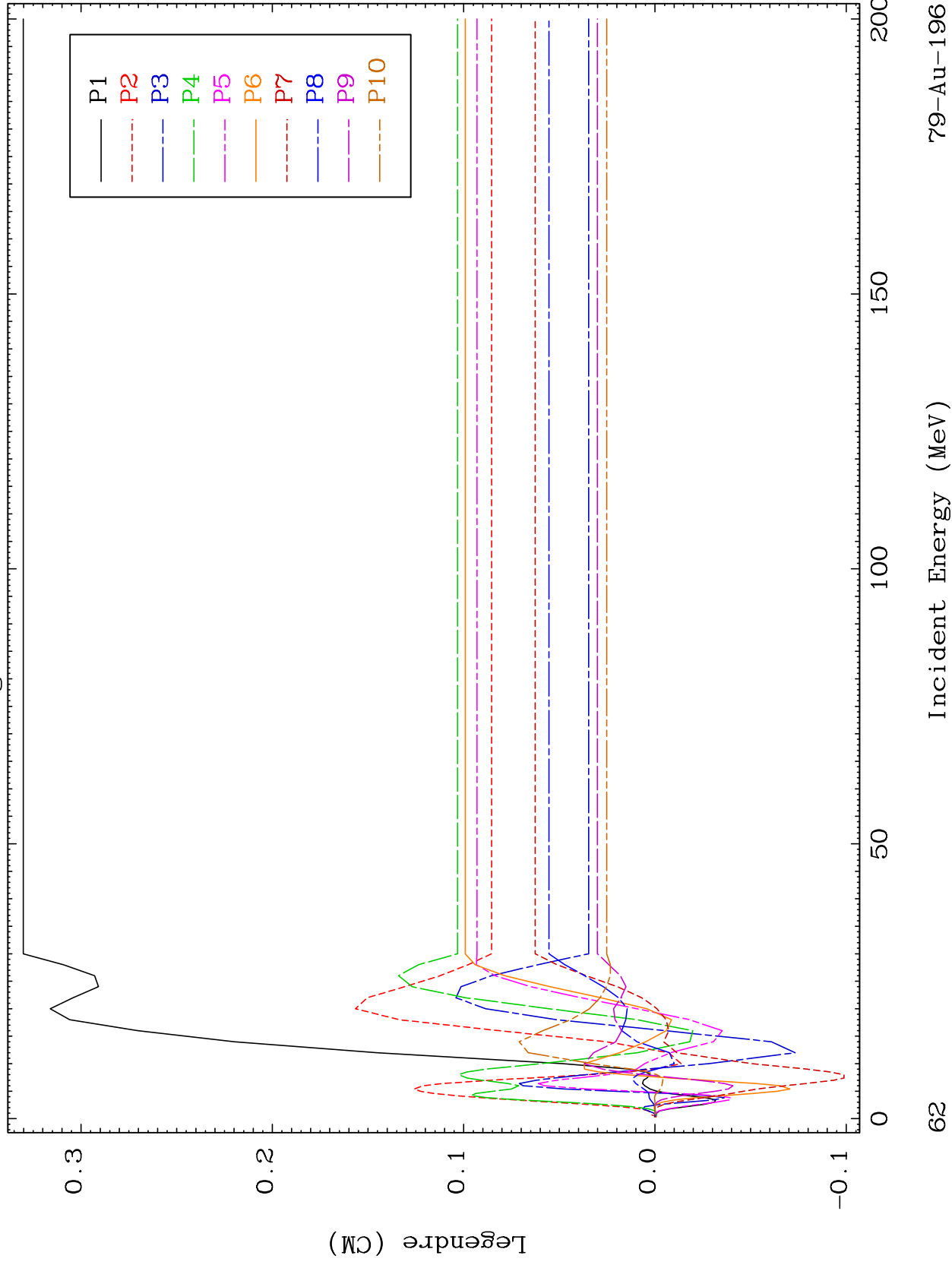
79-Au-196



MAT 7922

298.6 keV (n,n') Level
Legendre Coefficients

79-Au-196



79-Au-196

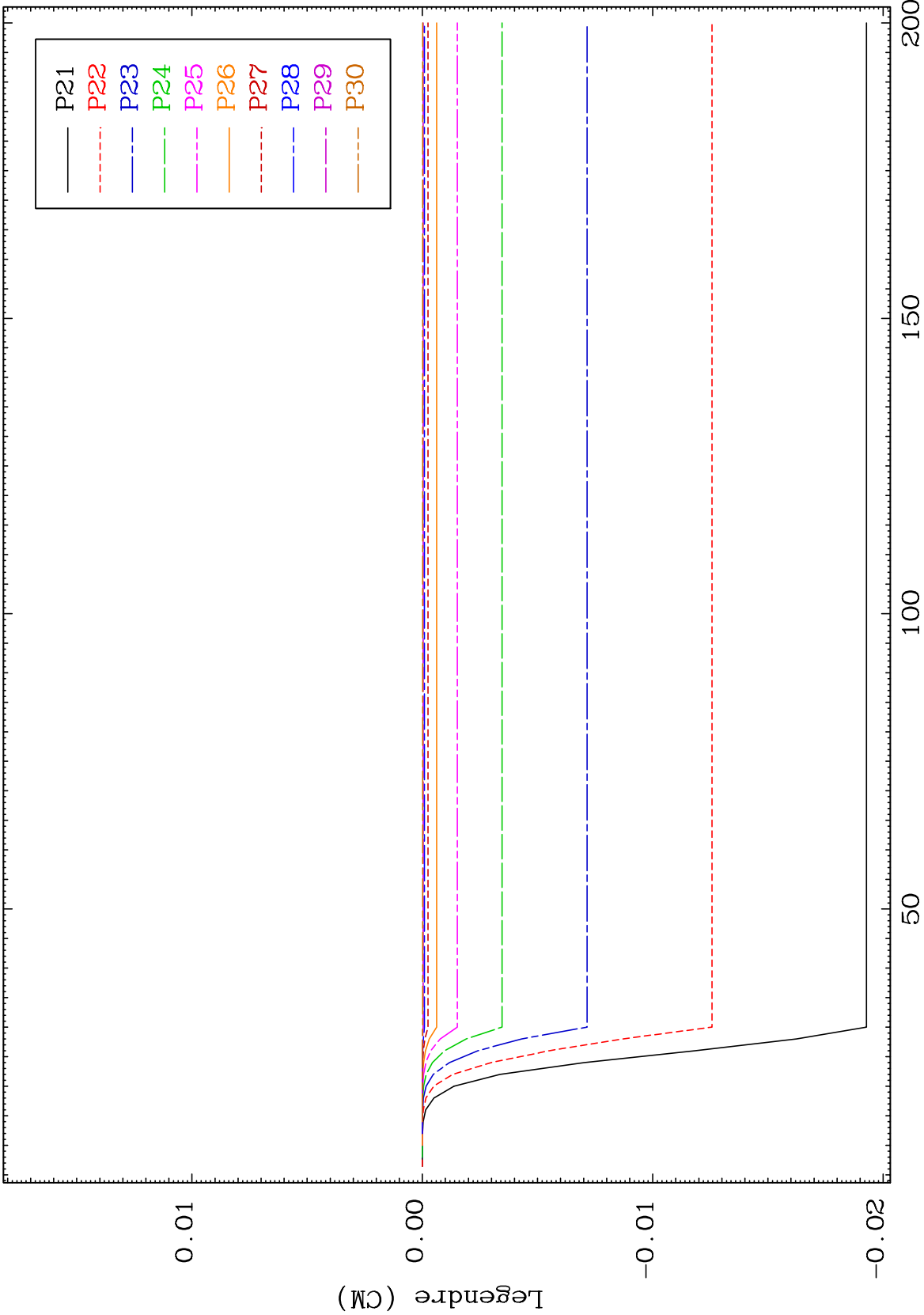
Incident Energy (MeV)

62

MAT 7922

298.6 keV (n,n') Level
Legendre Coefficients

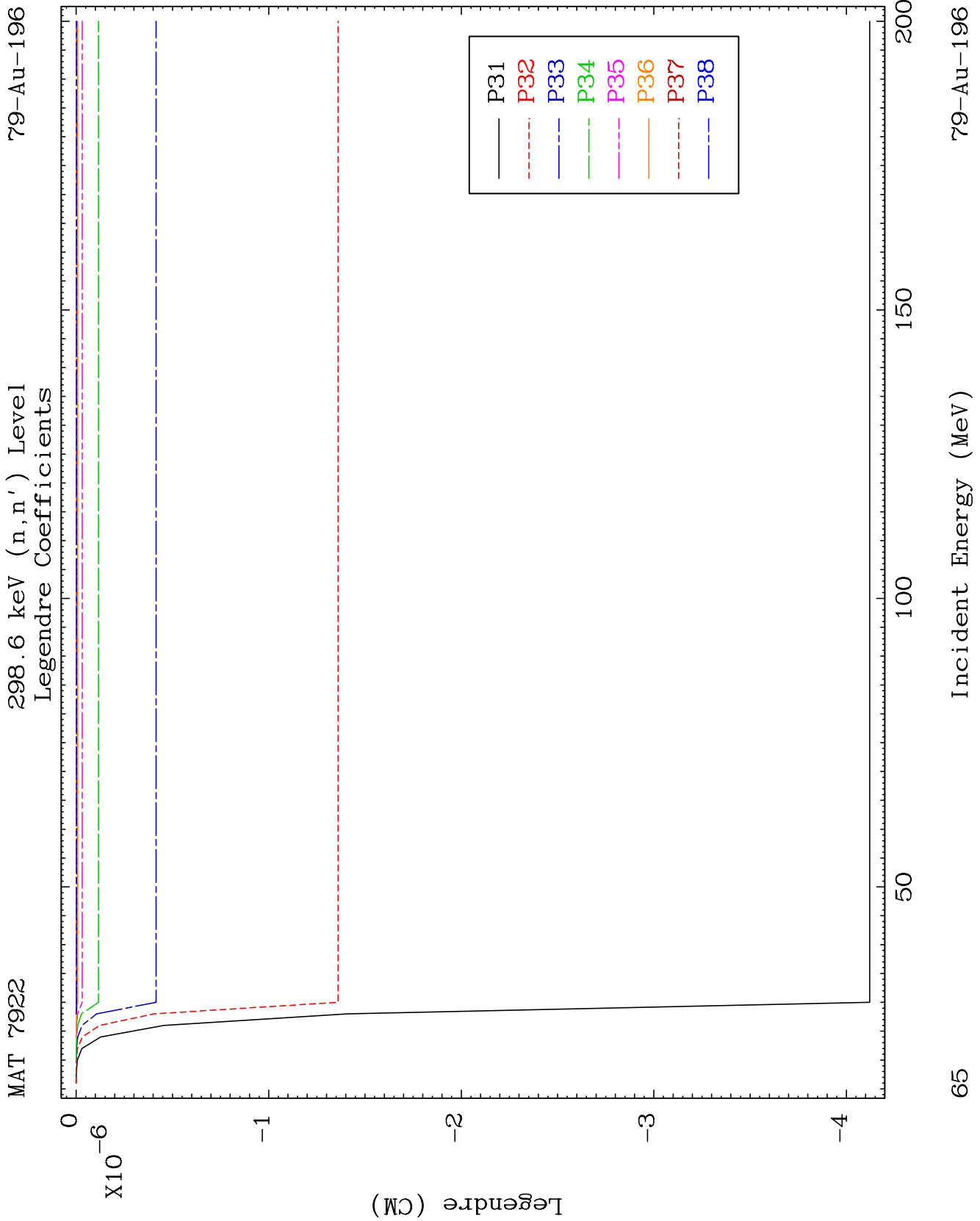
79-Au-196



64

Incident Energy (MeV)

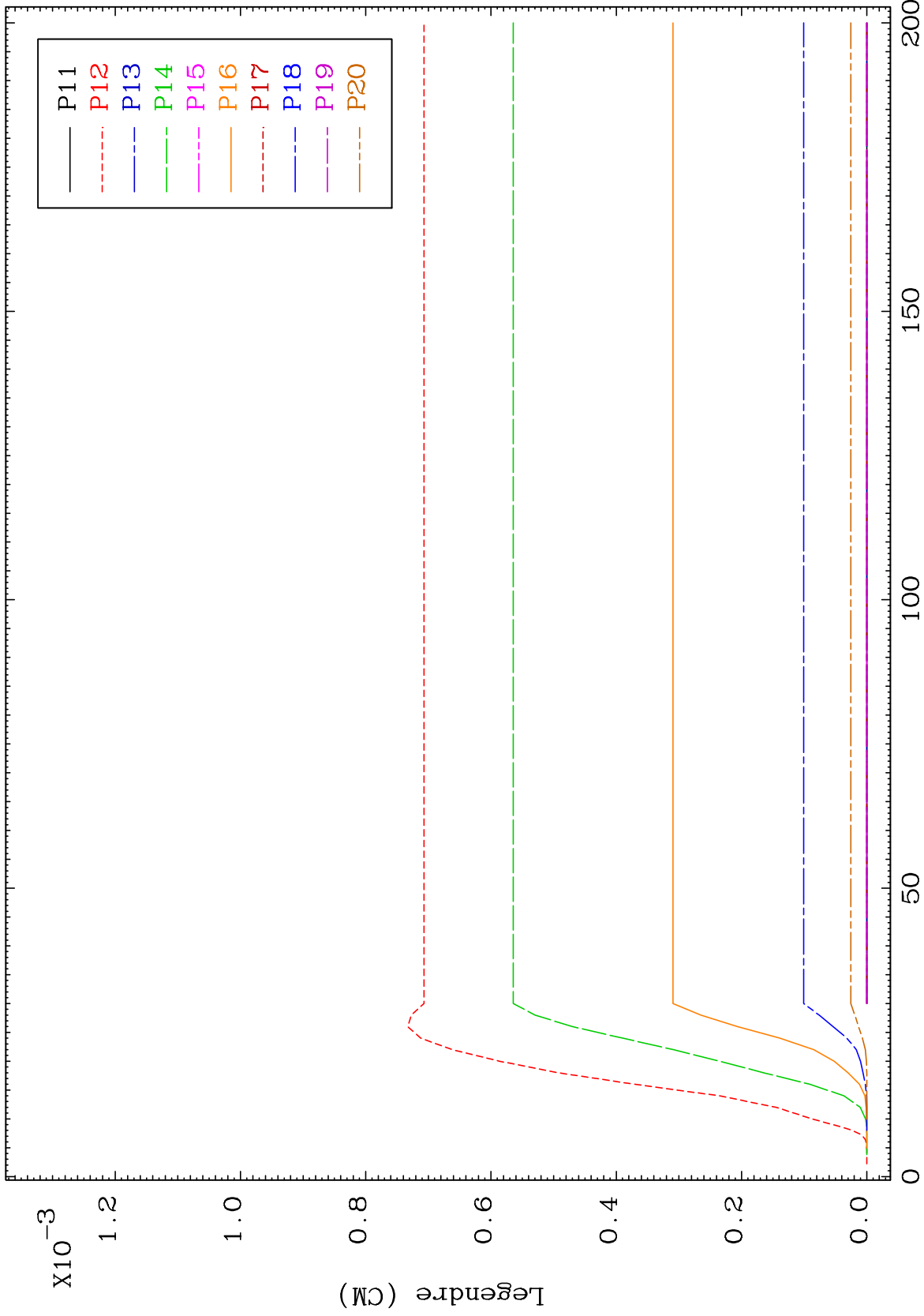
79-Au-196



MAT 7922

307.2 keV (n,n') Level
Legendre Coefficients

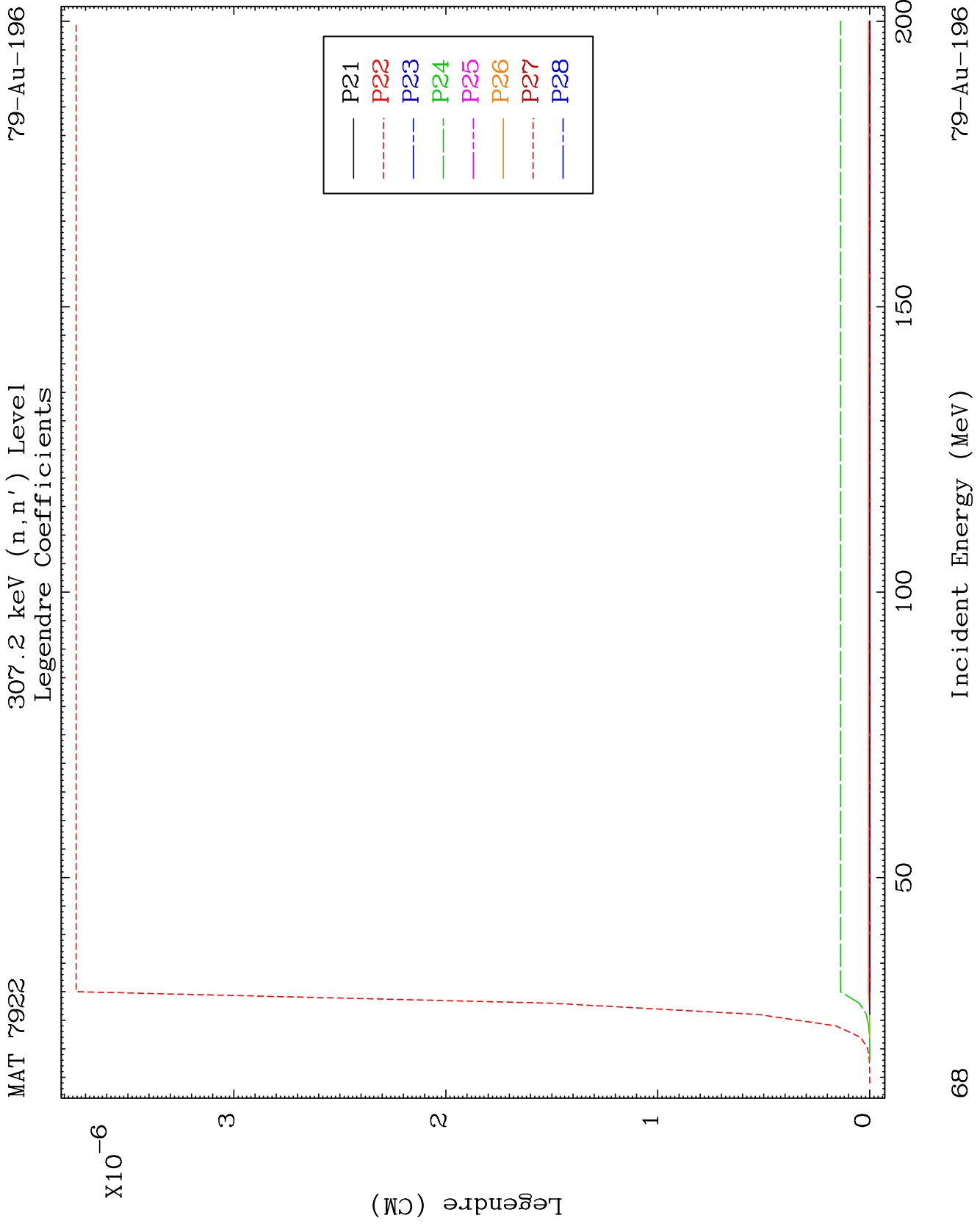
79-Au-196



67

Incident Energy (MeV)

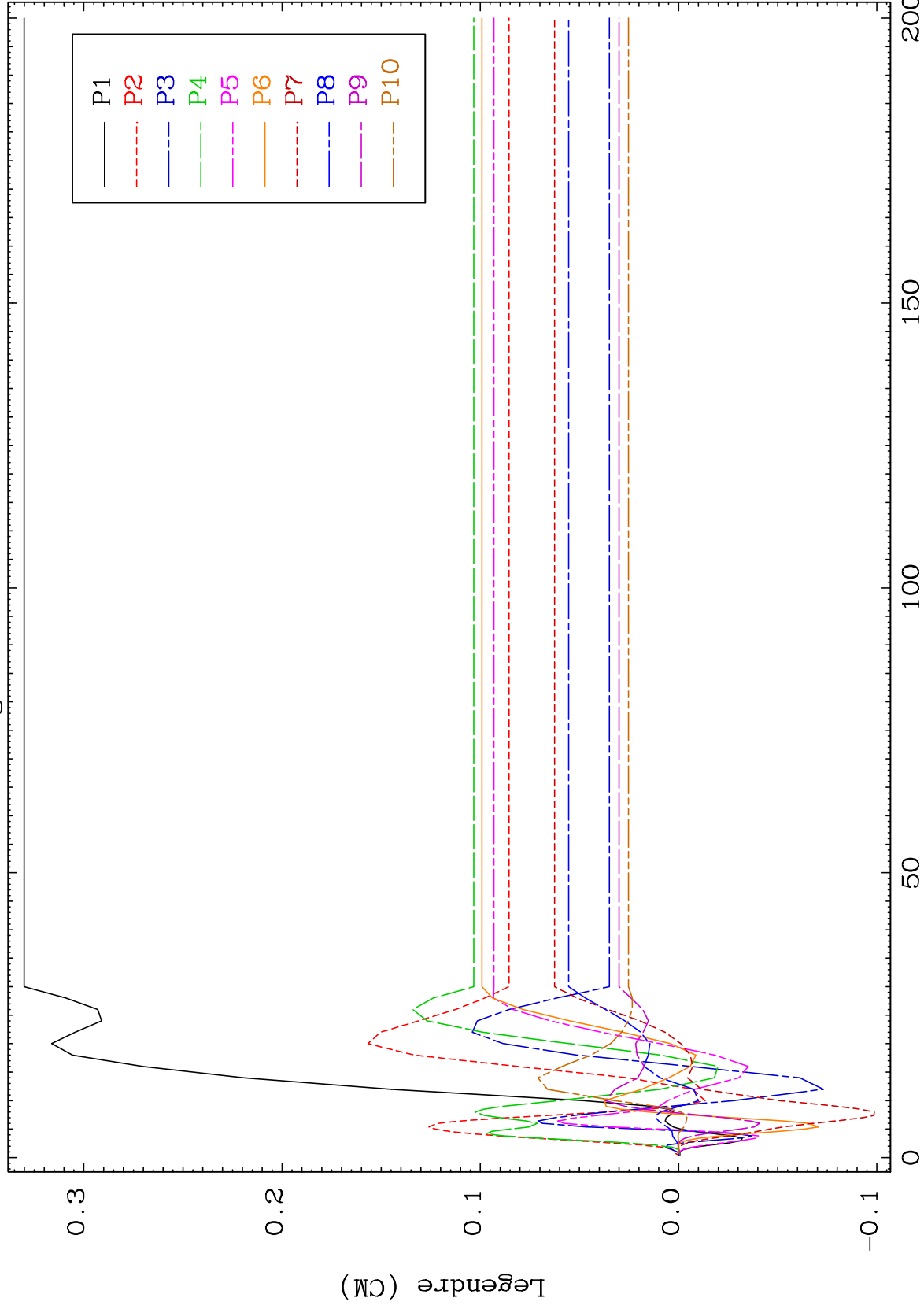
79-Au-196



MAT 7922

323.8 keV (n,n') Level
Legendre Coefficients

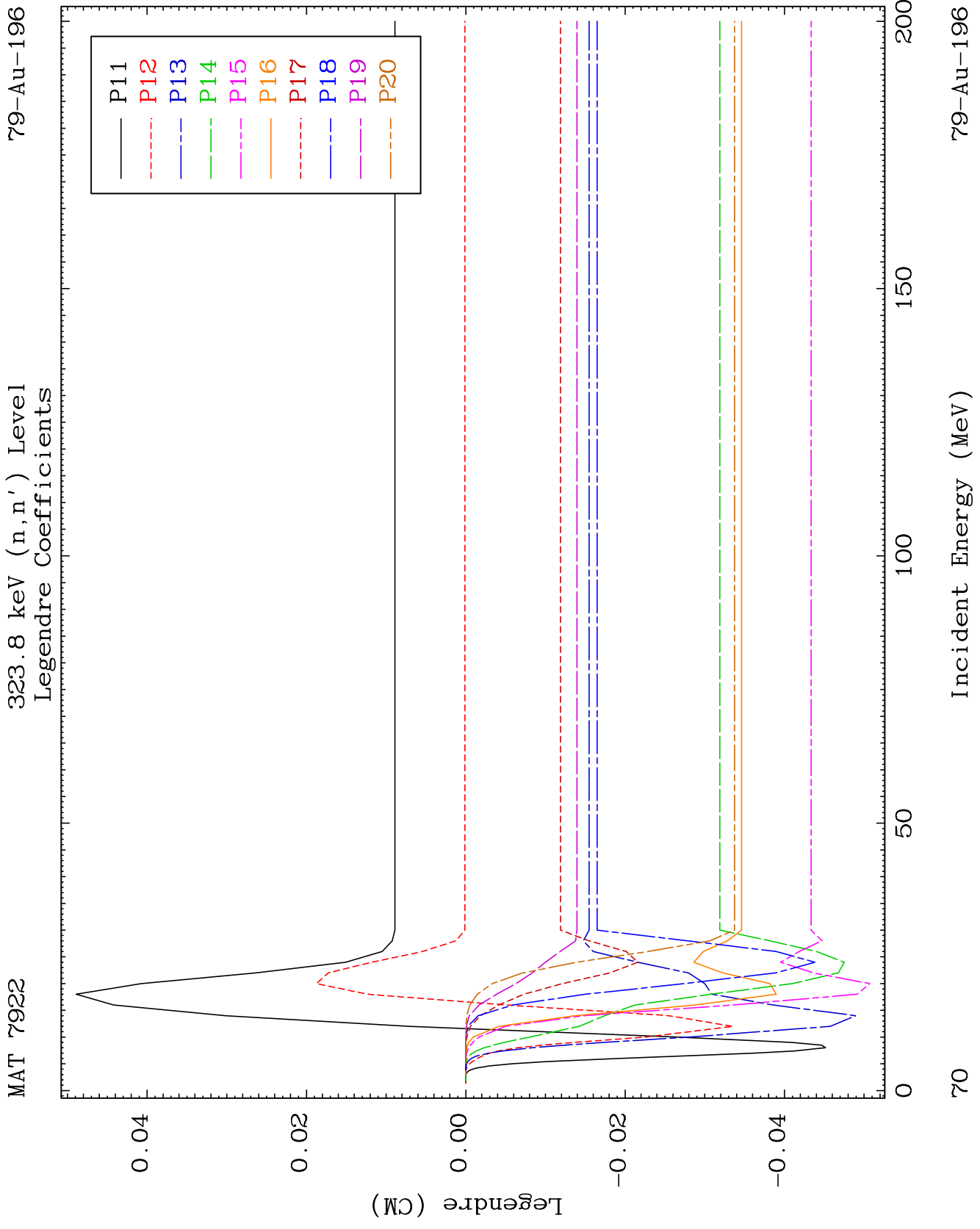
79-Au-196

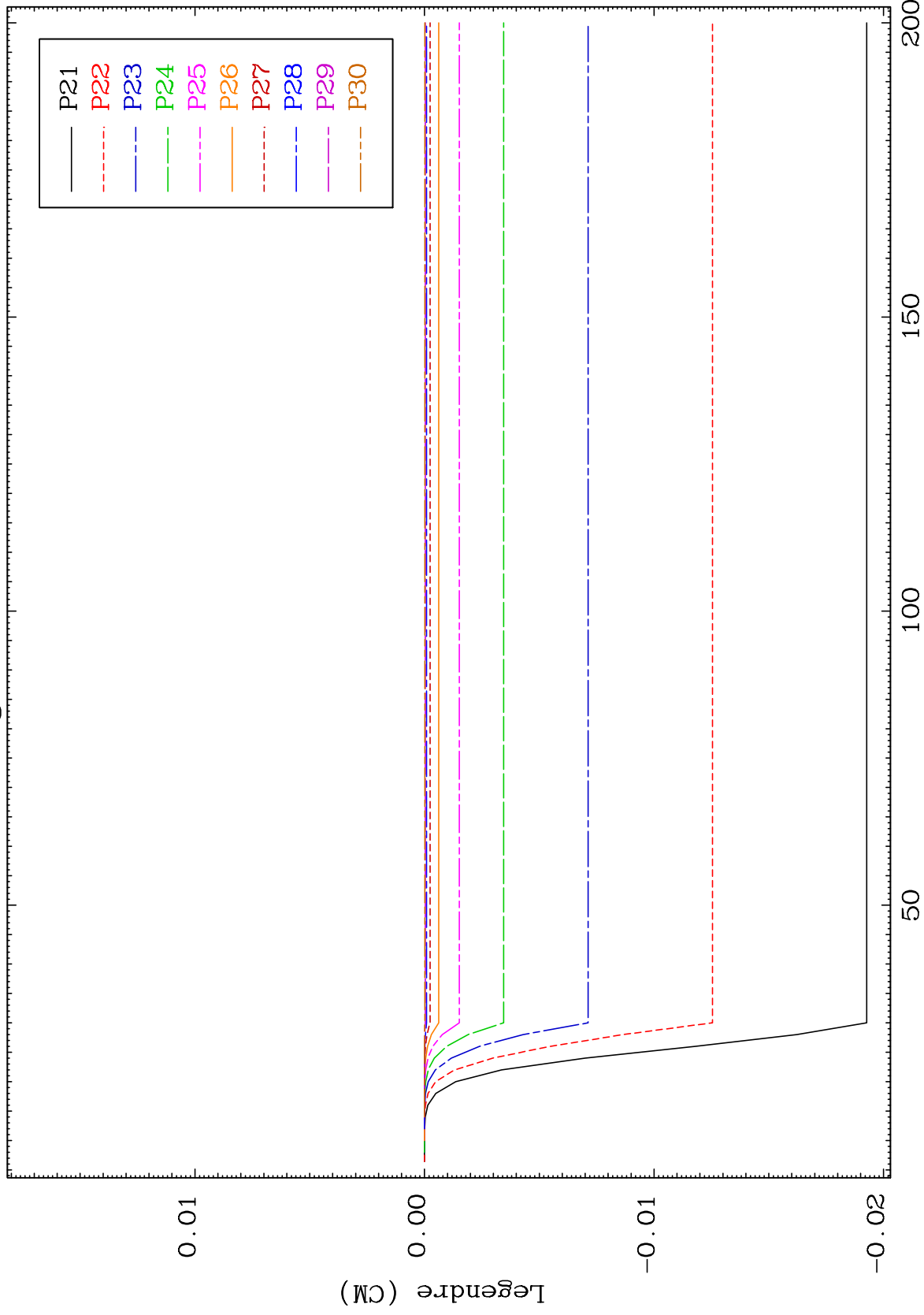


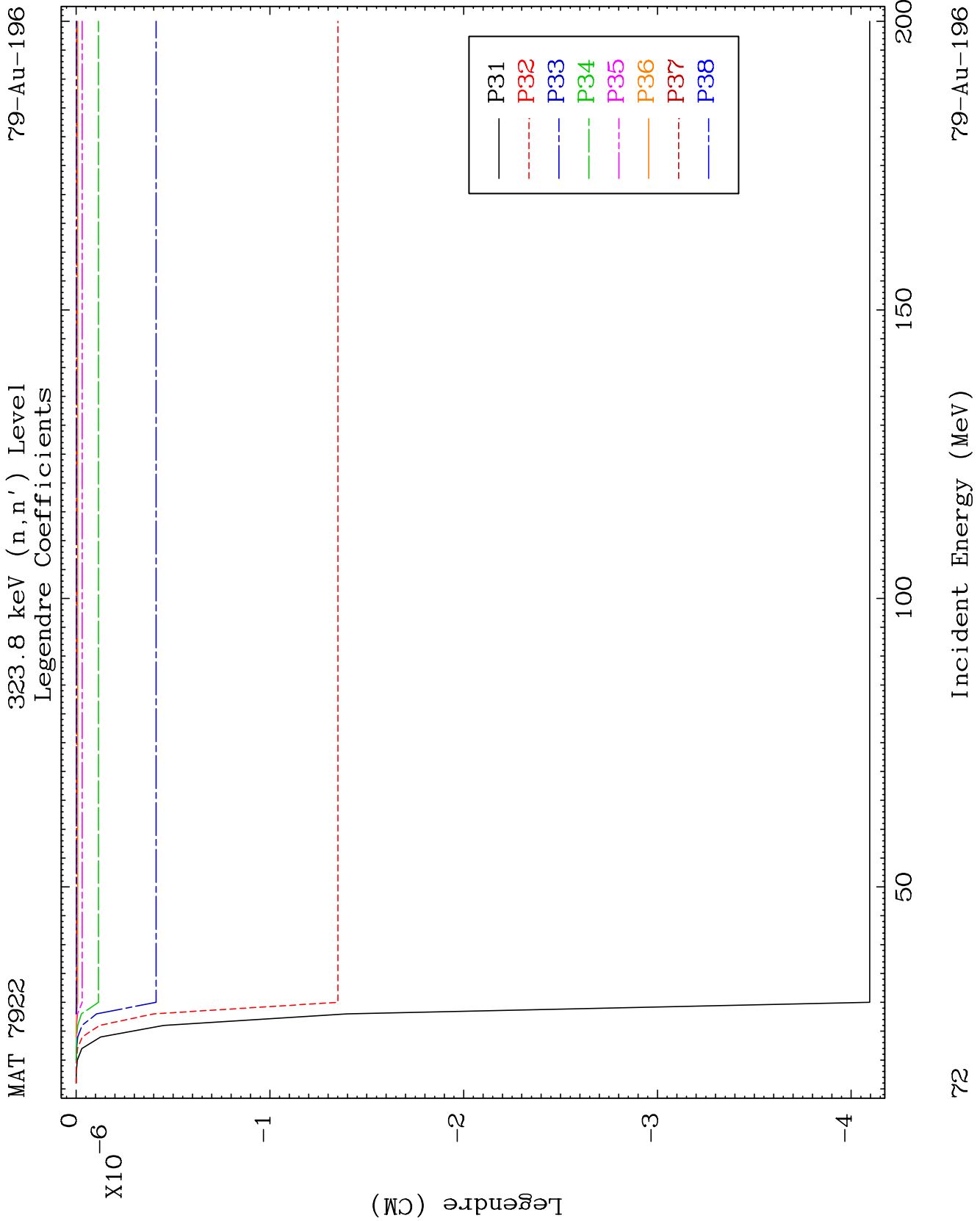
69

Incident Energy (MeV)

79-Au-196



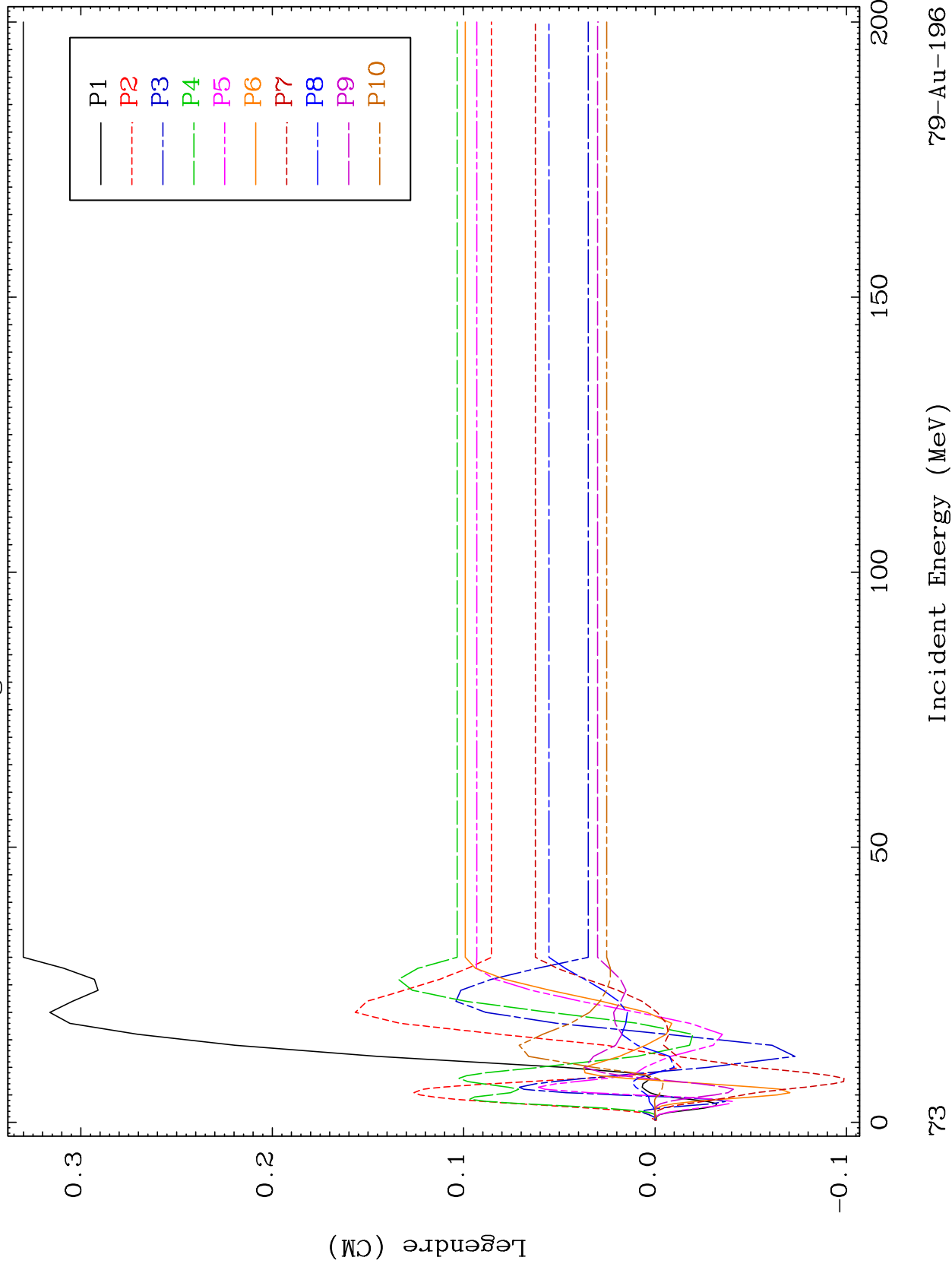




MAT 7922

326.1 keV (n,n') Level
Legendre Coefficients

79-Au-196



79-Au-196

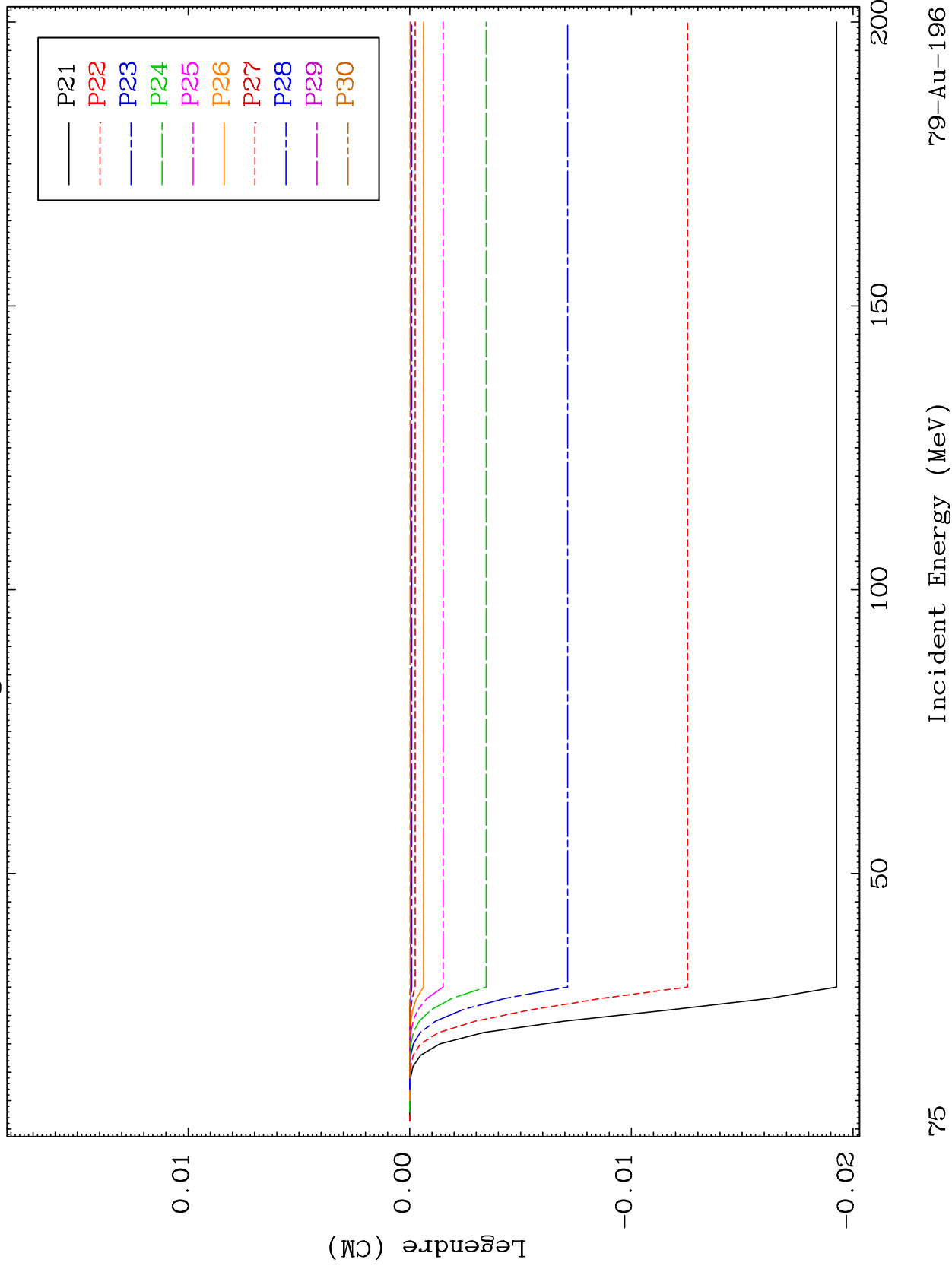
Incident Energy (MeV)

73

MAT 7922

326.1 keV (n,n') Level
Legendre Coefficients

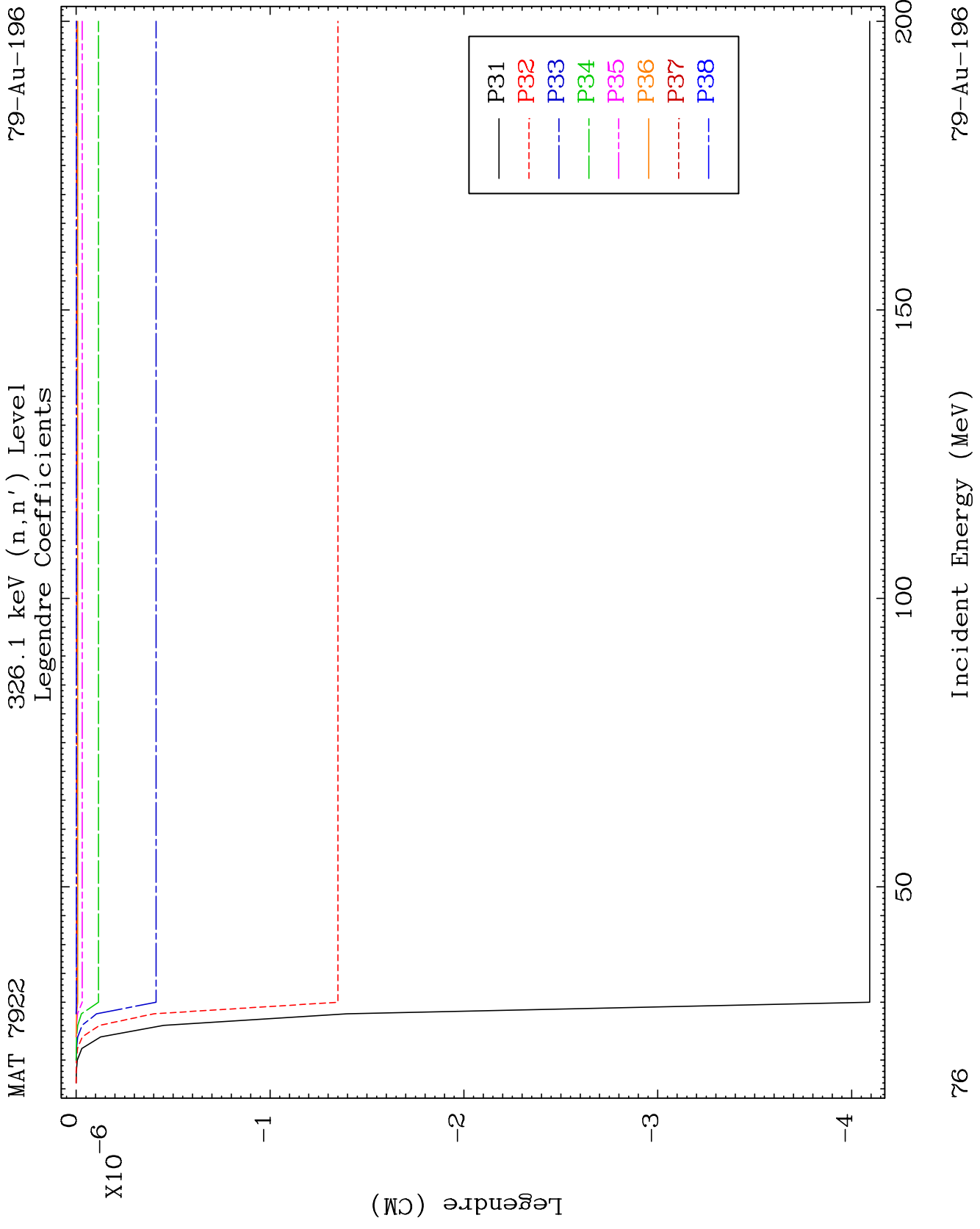
79-Au-196



75

Incident Energy (MeV)

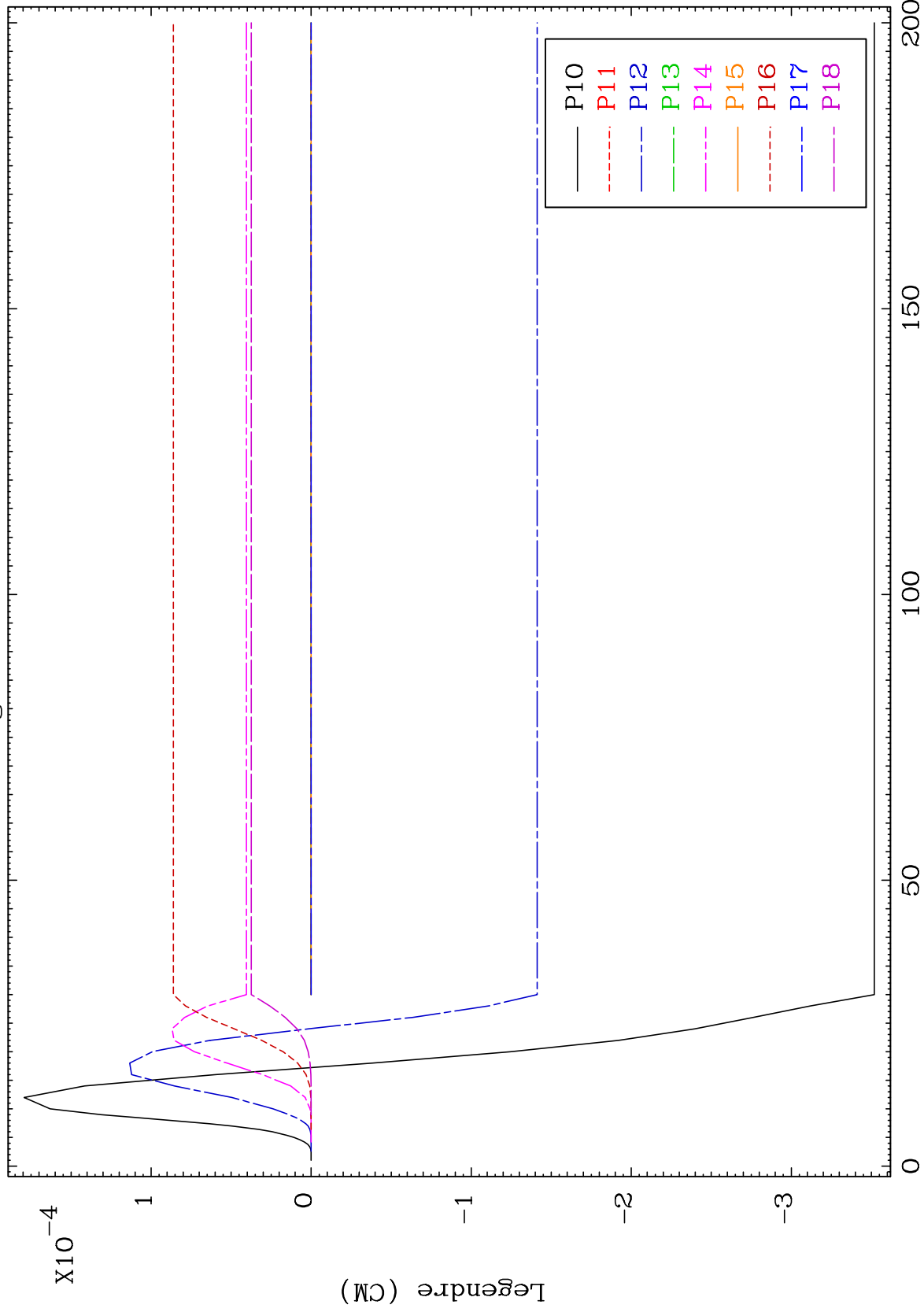
79-Au-196



MAT 7922

348.4 keV (n,n') Level
Legendre Coefficients

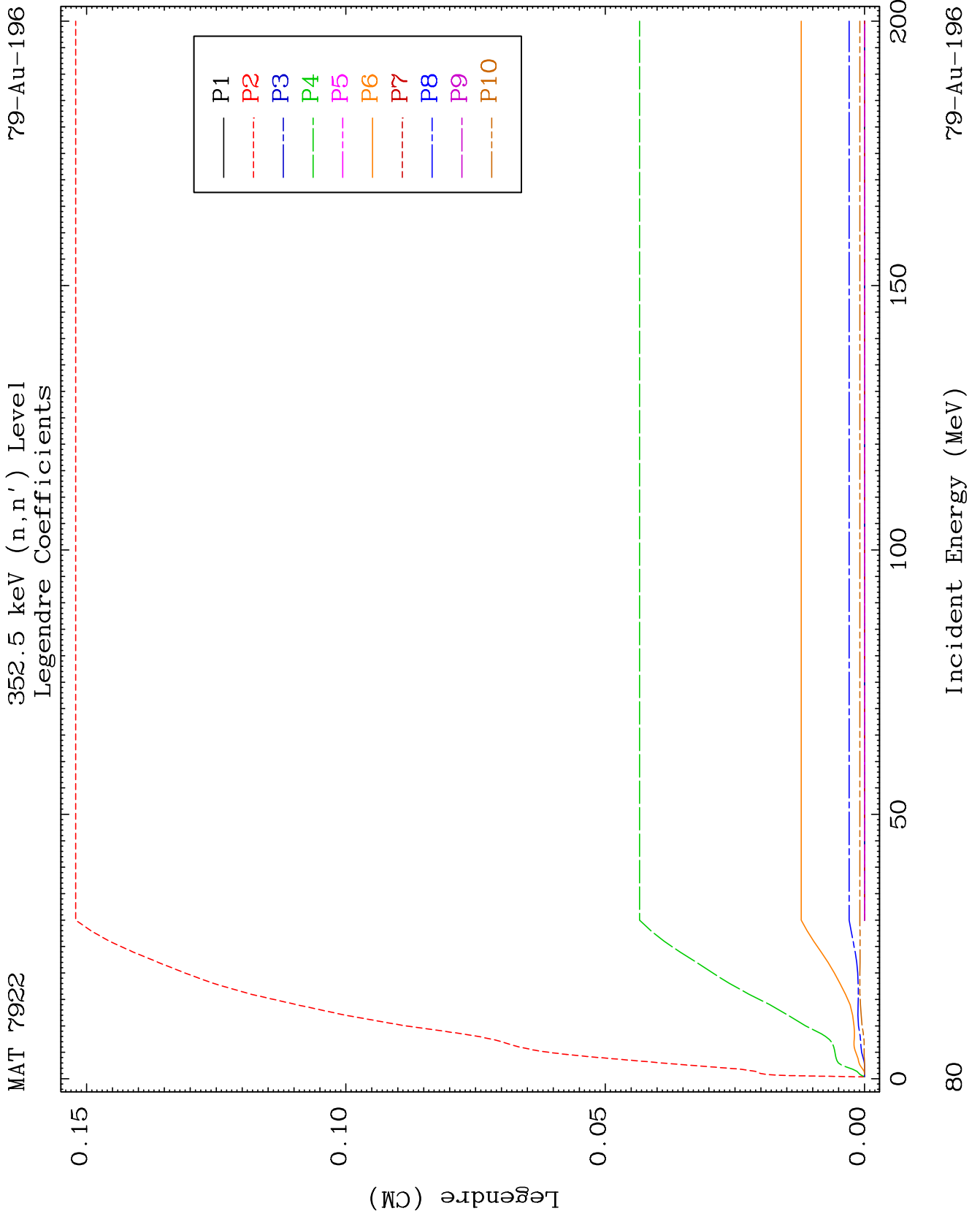
79-Au-196



78

Incident Energy (MeV)

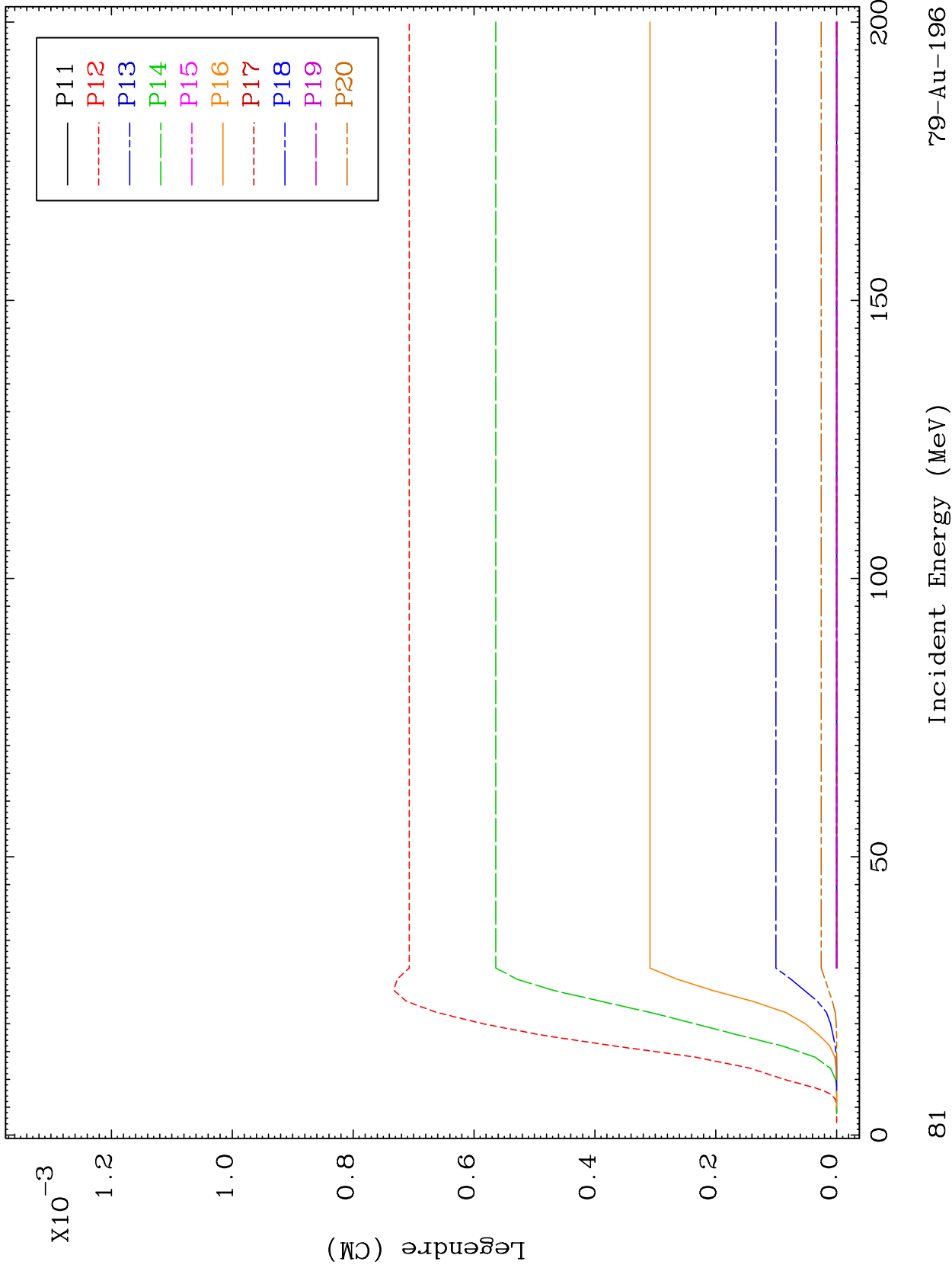
79-Au-196

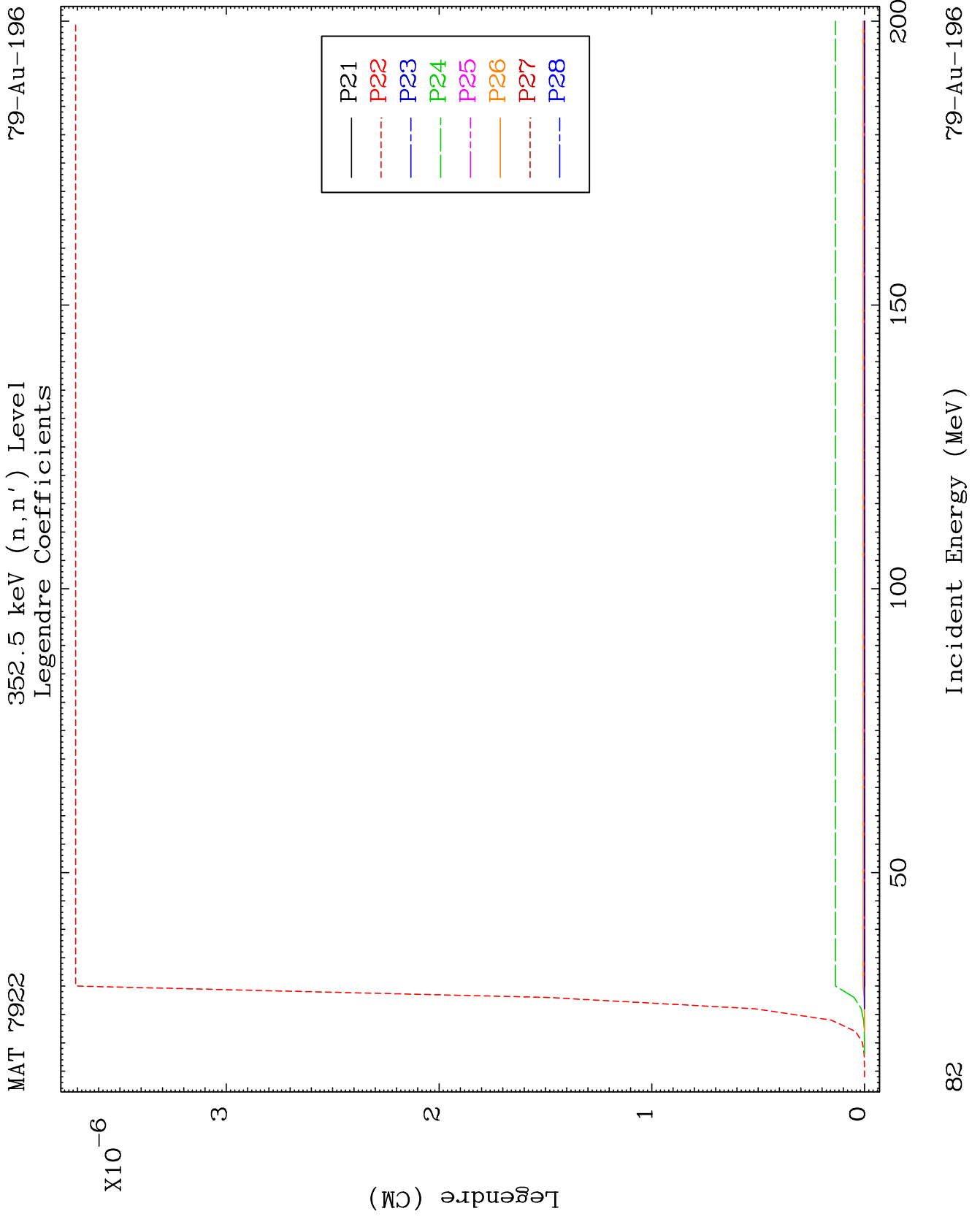


MAT 7922

352.5 keV (n,n') Level
Legendre Coefficients

79-Au-196

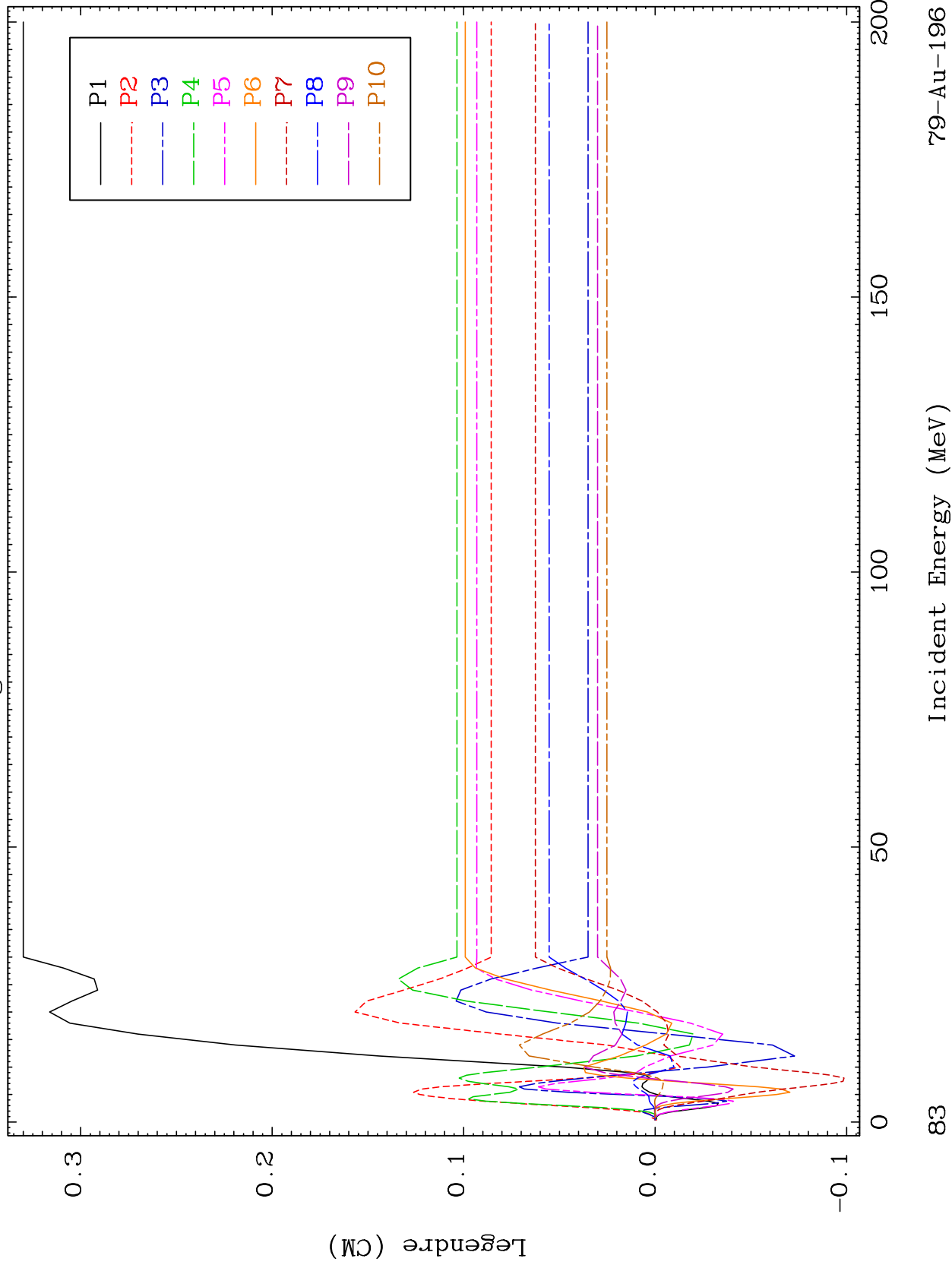




MAT 7922

355.9 keV (n,n') Level
Legendre Coefficients

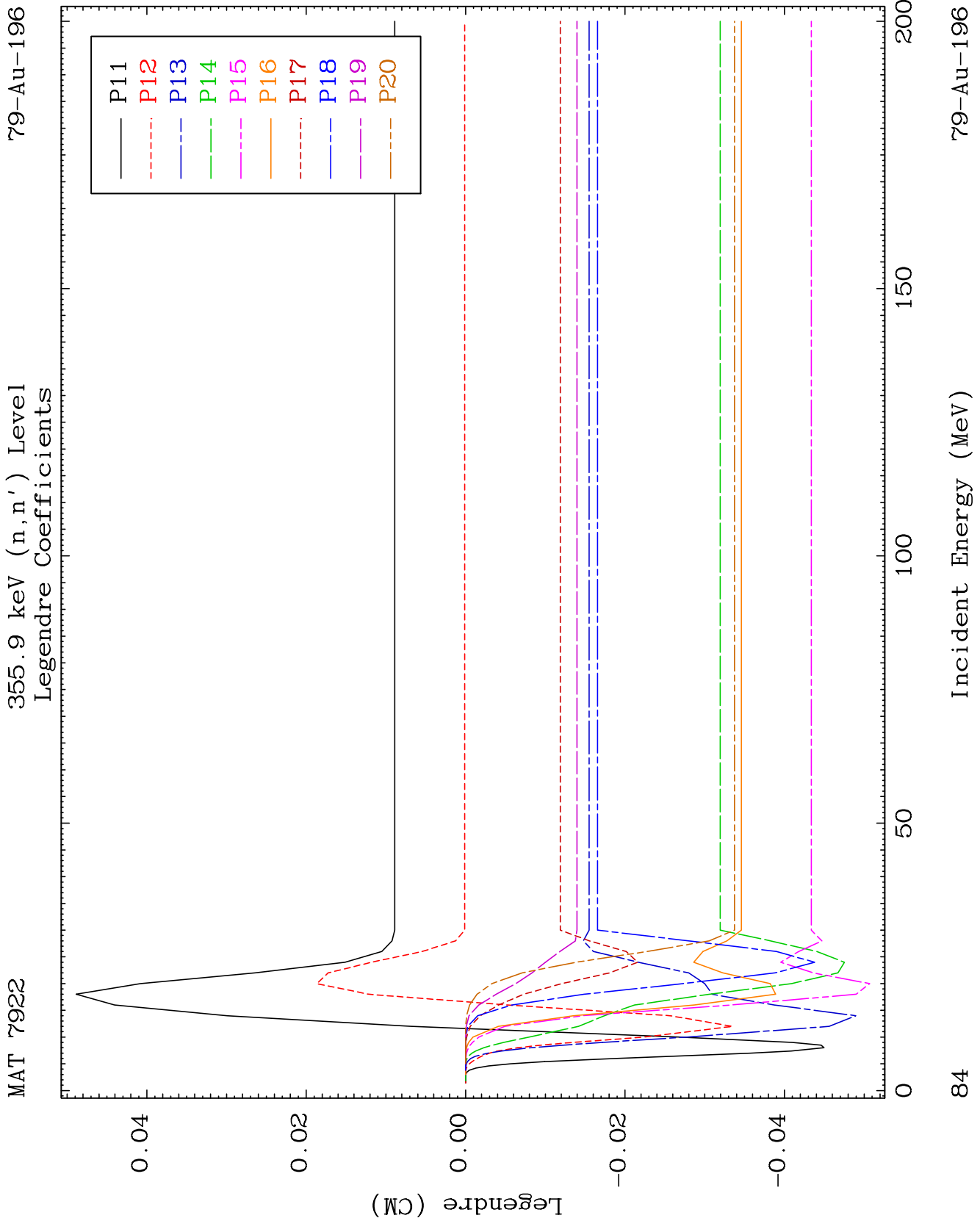
79-Au-196



79-Au-196

Incident Energy (MeV)

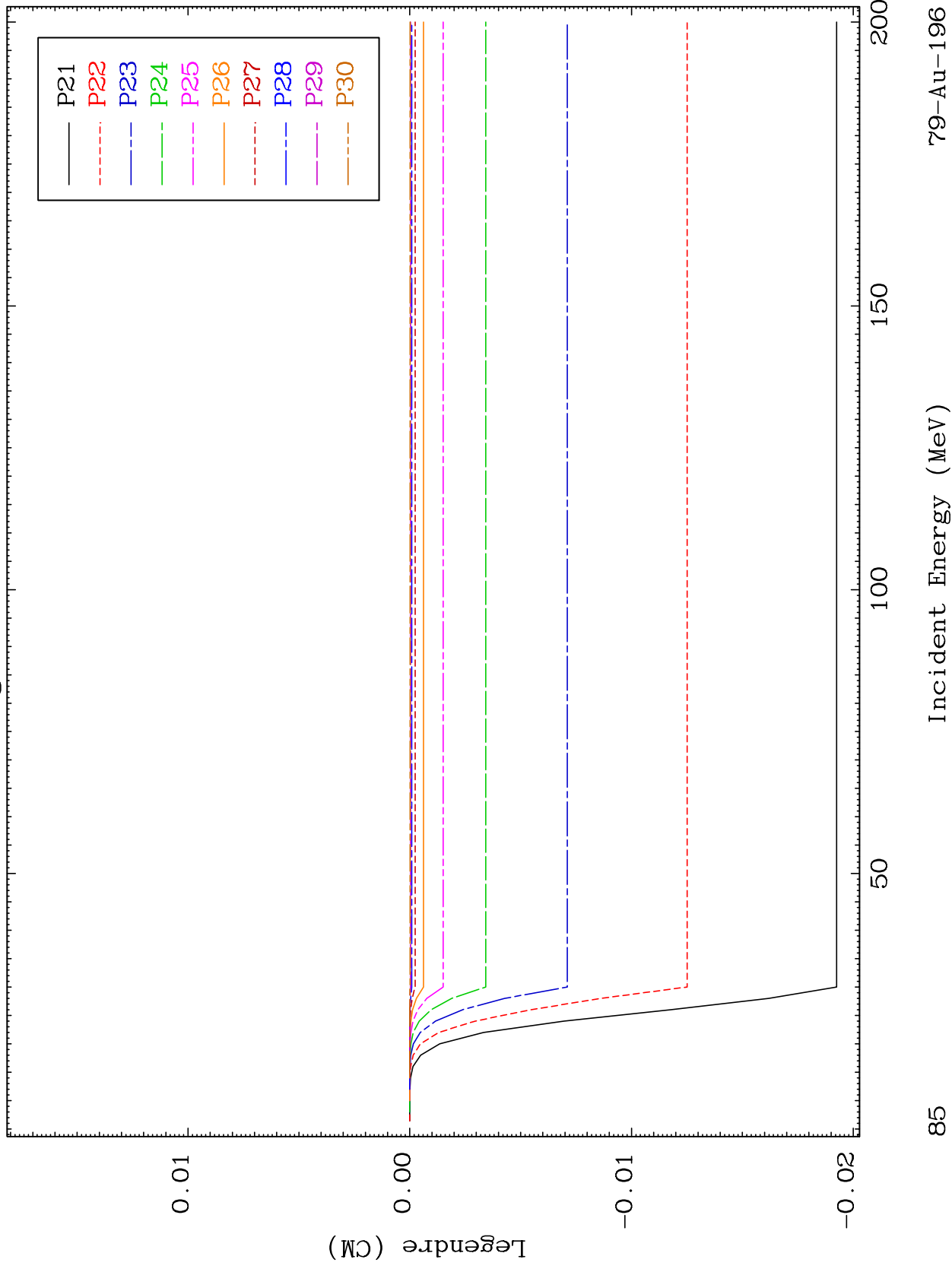
83



MAT 7922

355.9 keV (n,n') Level
Legendre Coefficients

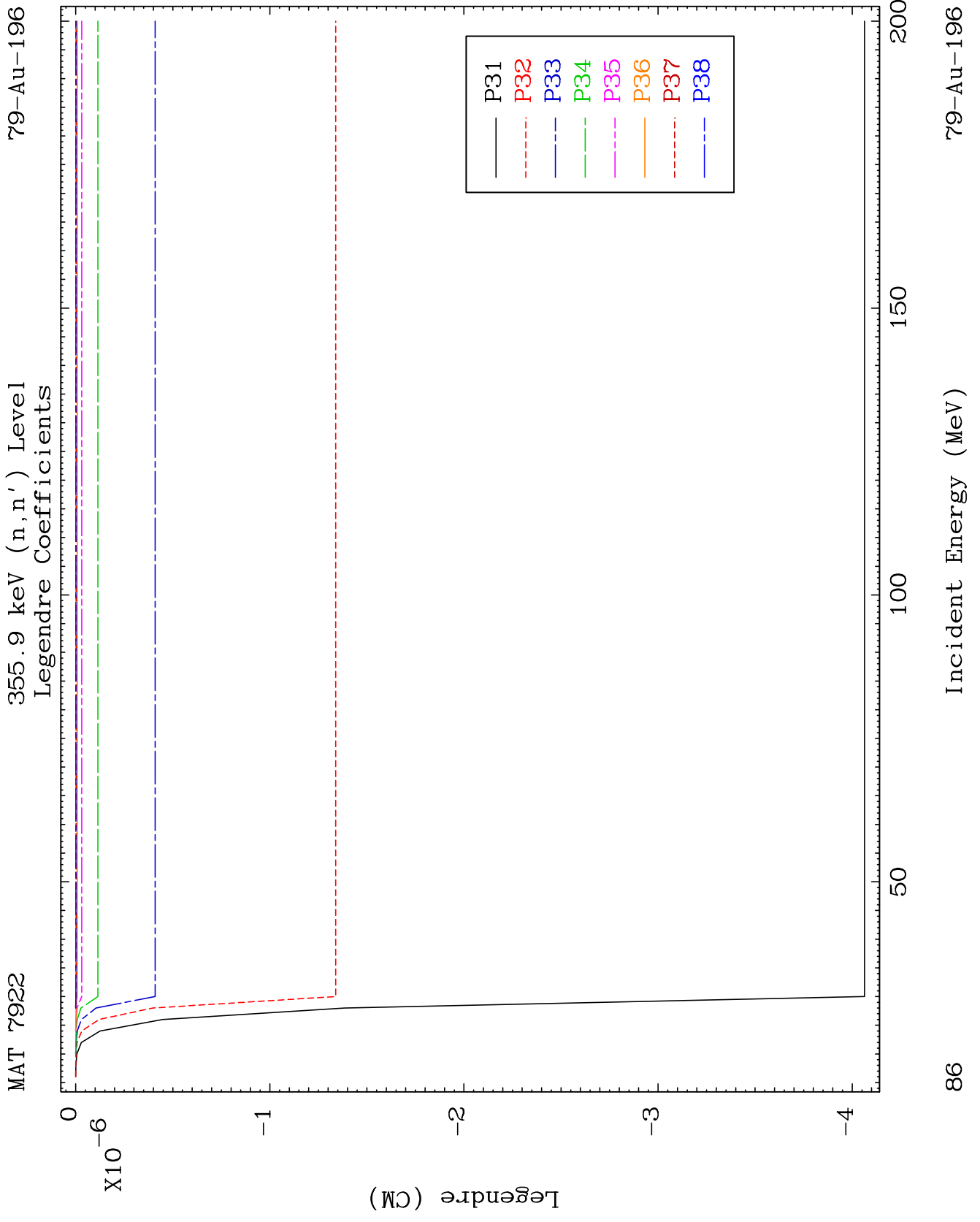
79-Au-196

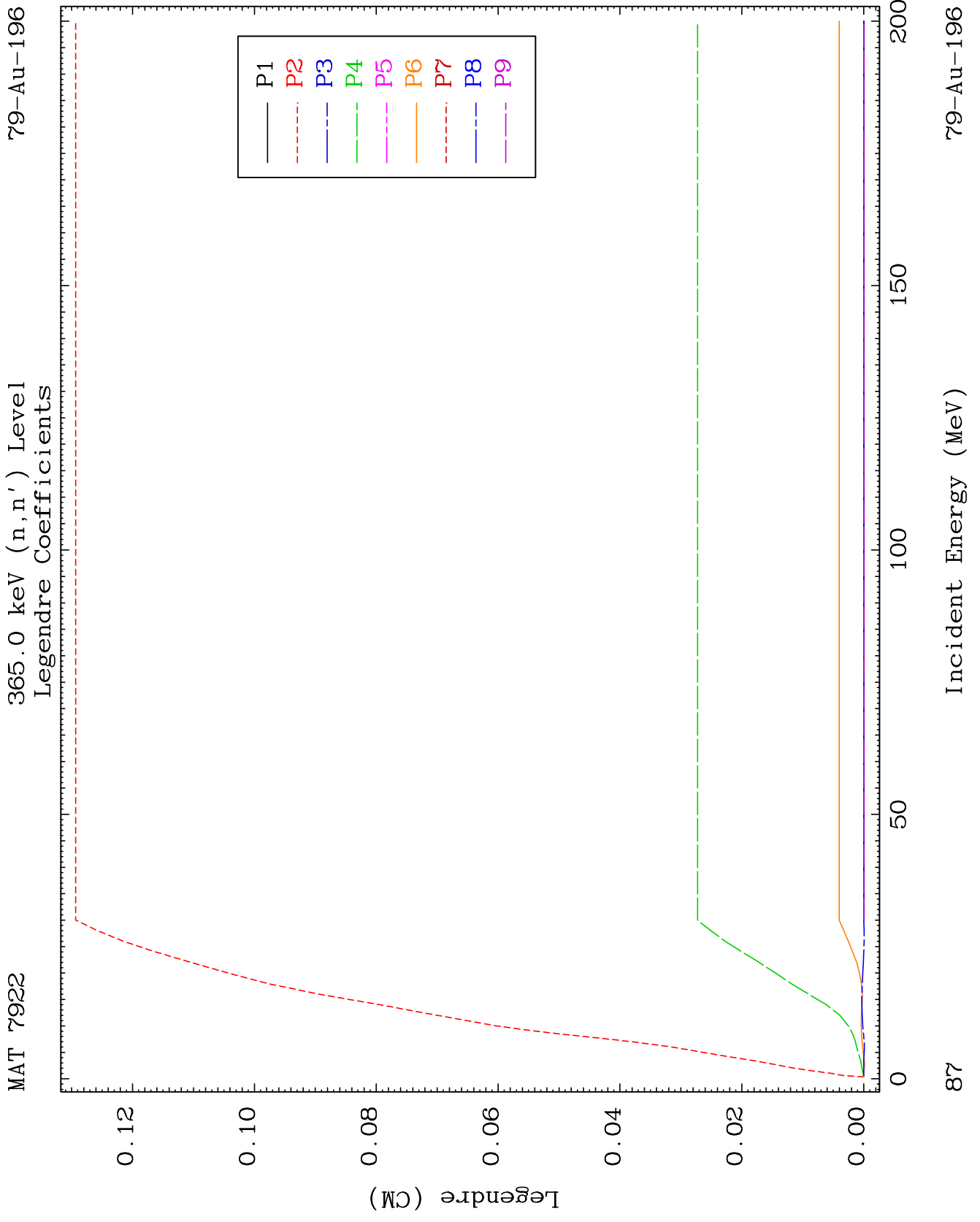


85

Incident Energy (MeV)

79-Au-196

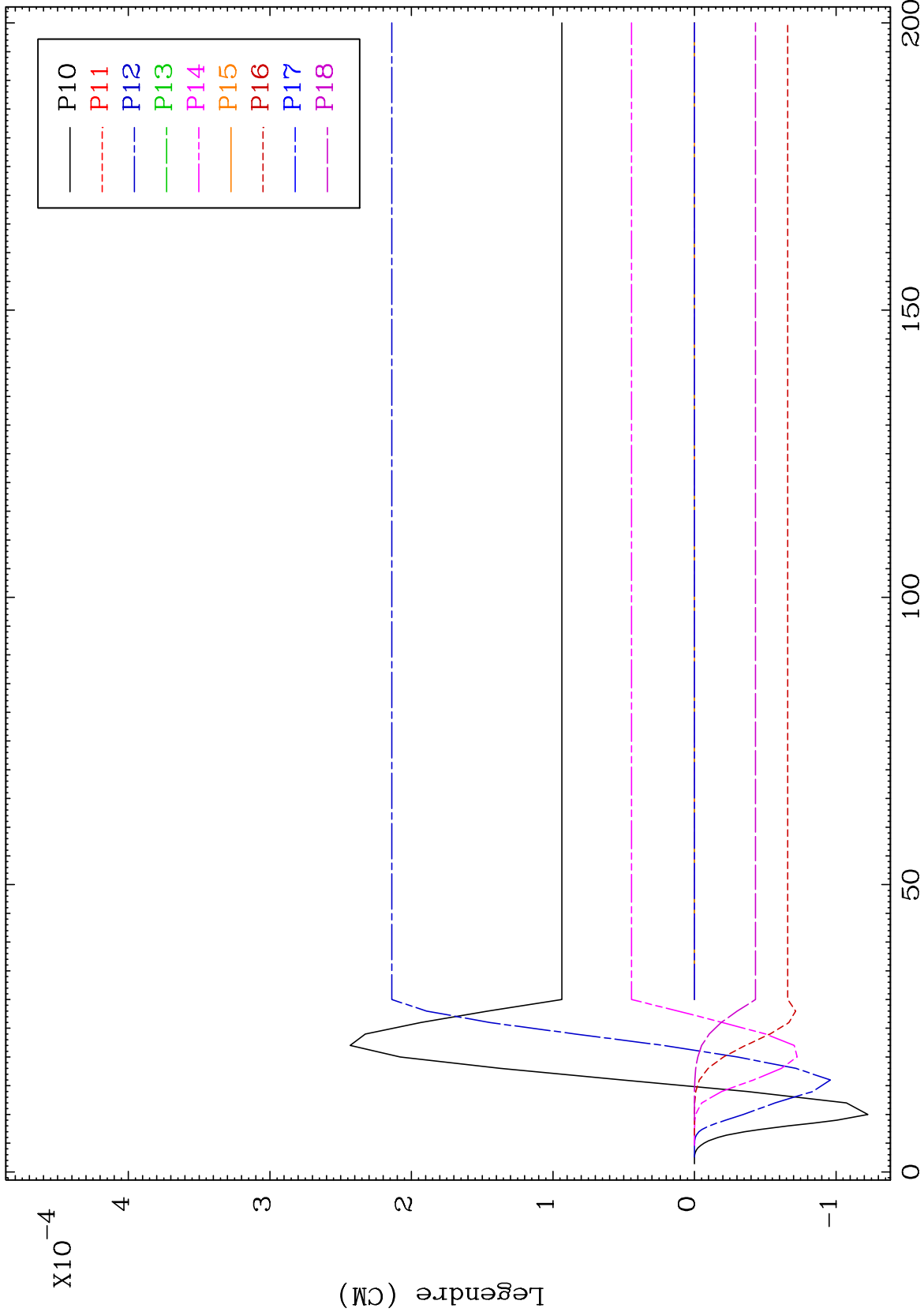




MAT 7922

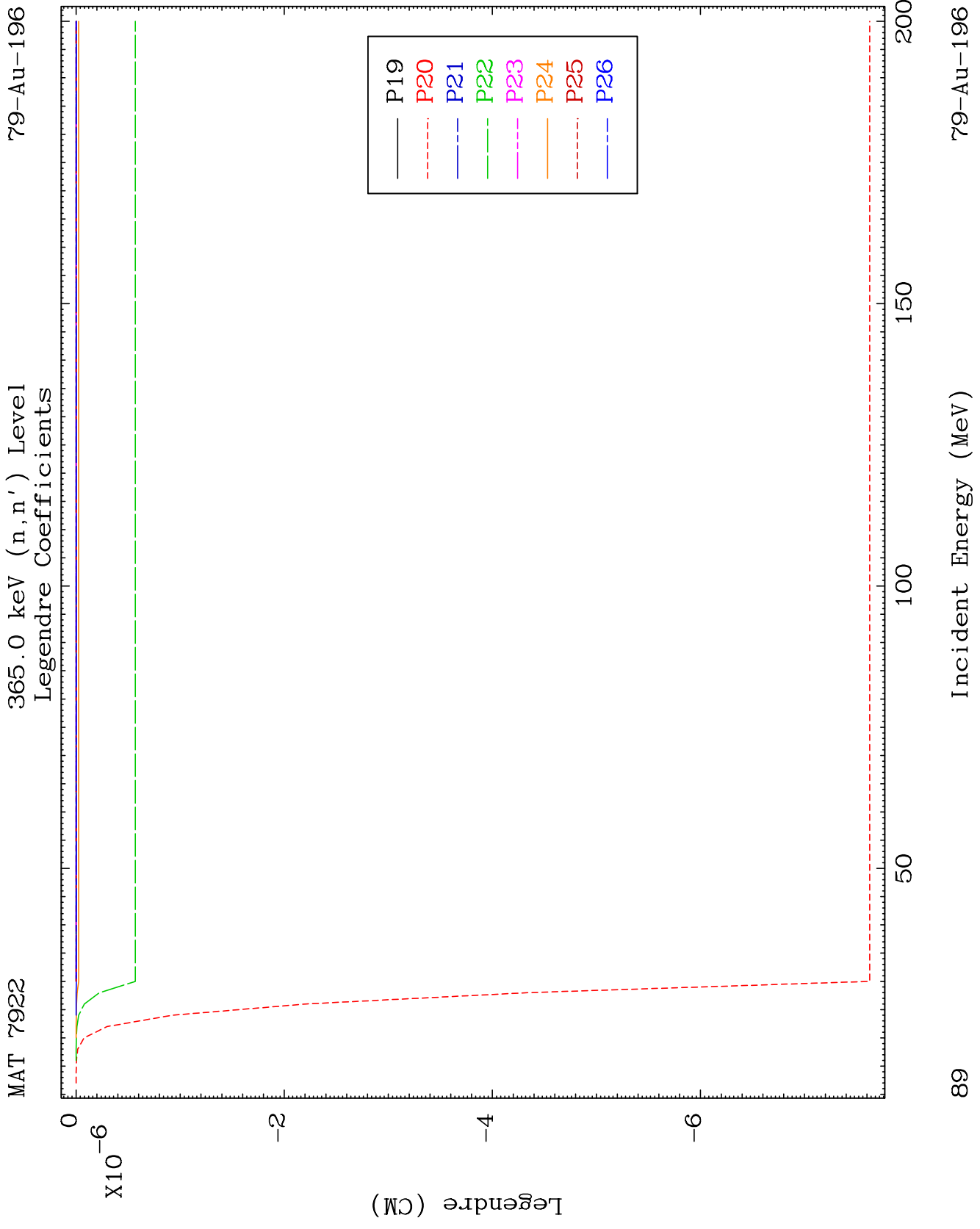
365.0 keV (n,n') Level
Legendre Coefficients

79-Au-196



88

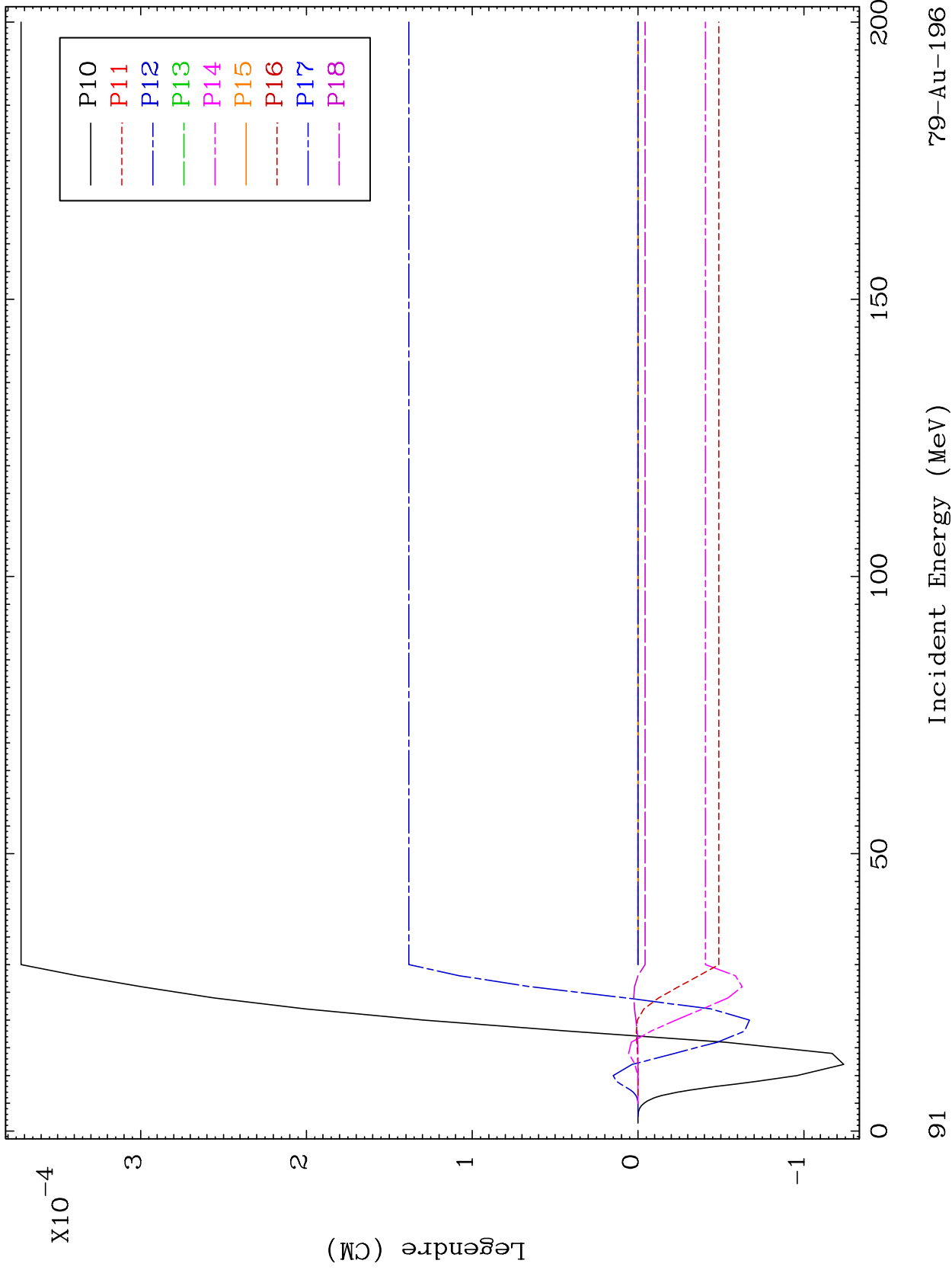
79-Au-196

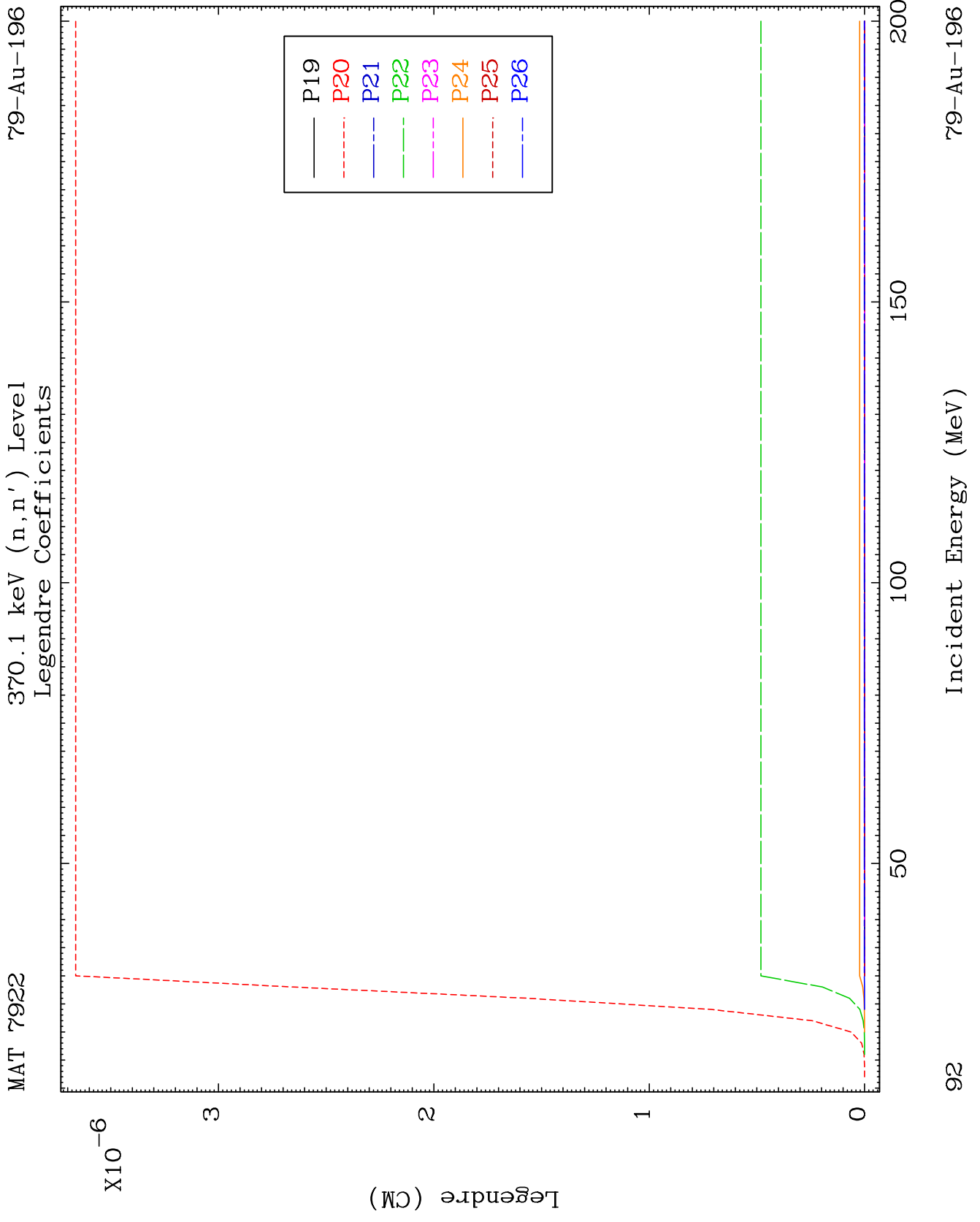


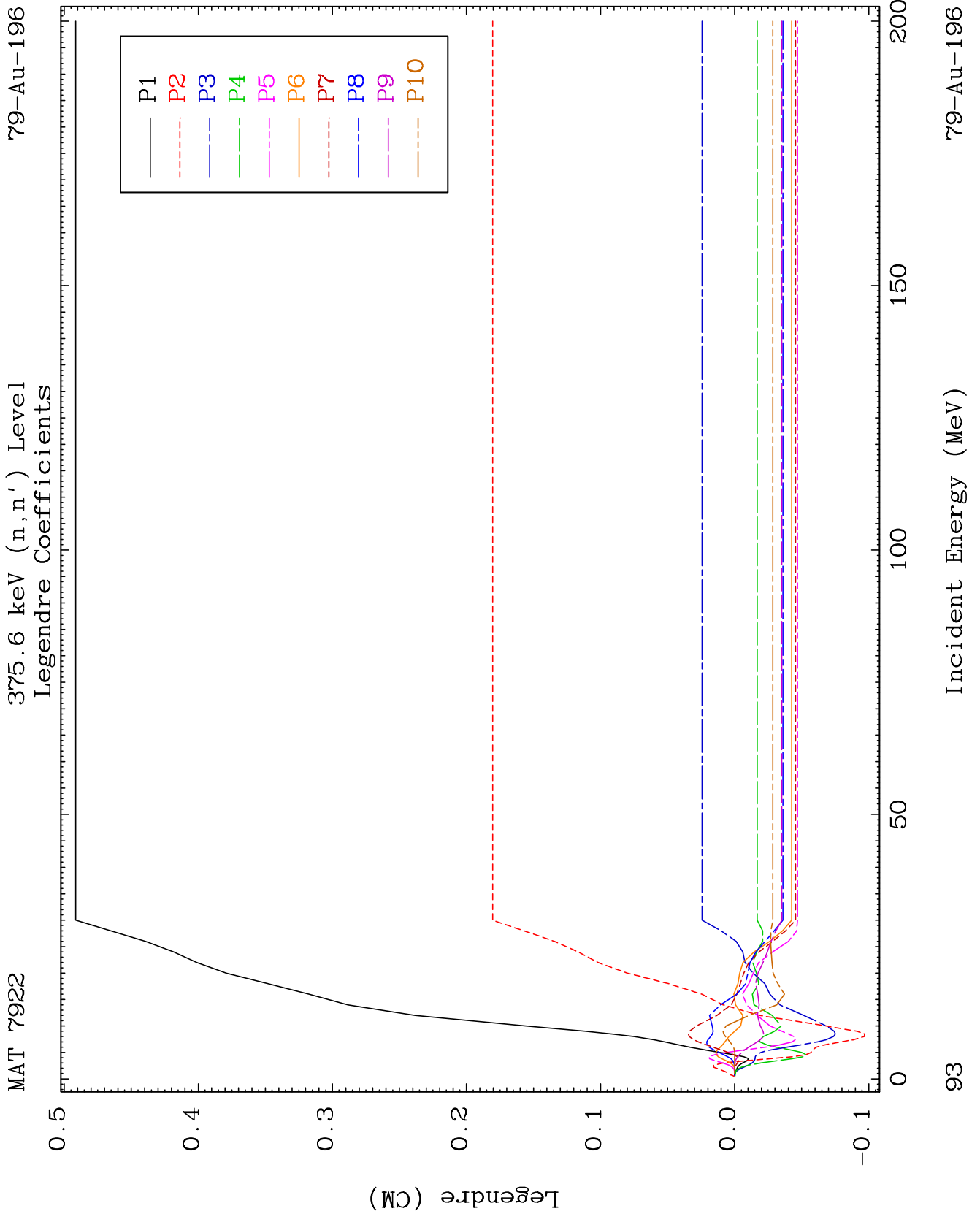
MAT 7922

370.1 keV (n,n') Level
Legendre Coefficients

79-Au-196



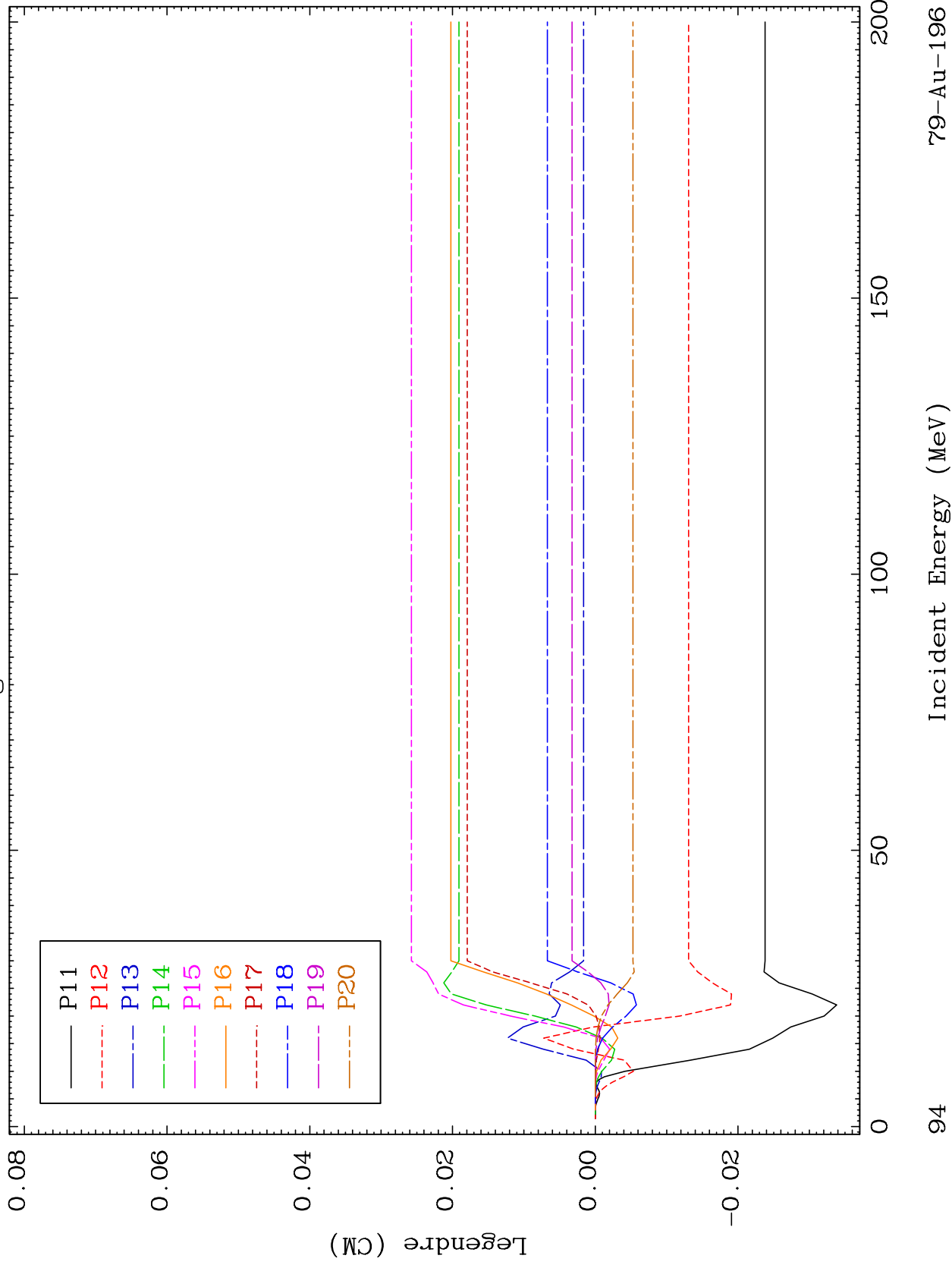




MAT 7922

375.6 keV (n,n') Level
Legendre Coefficients

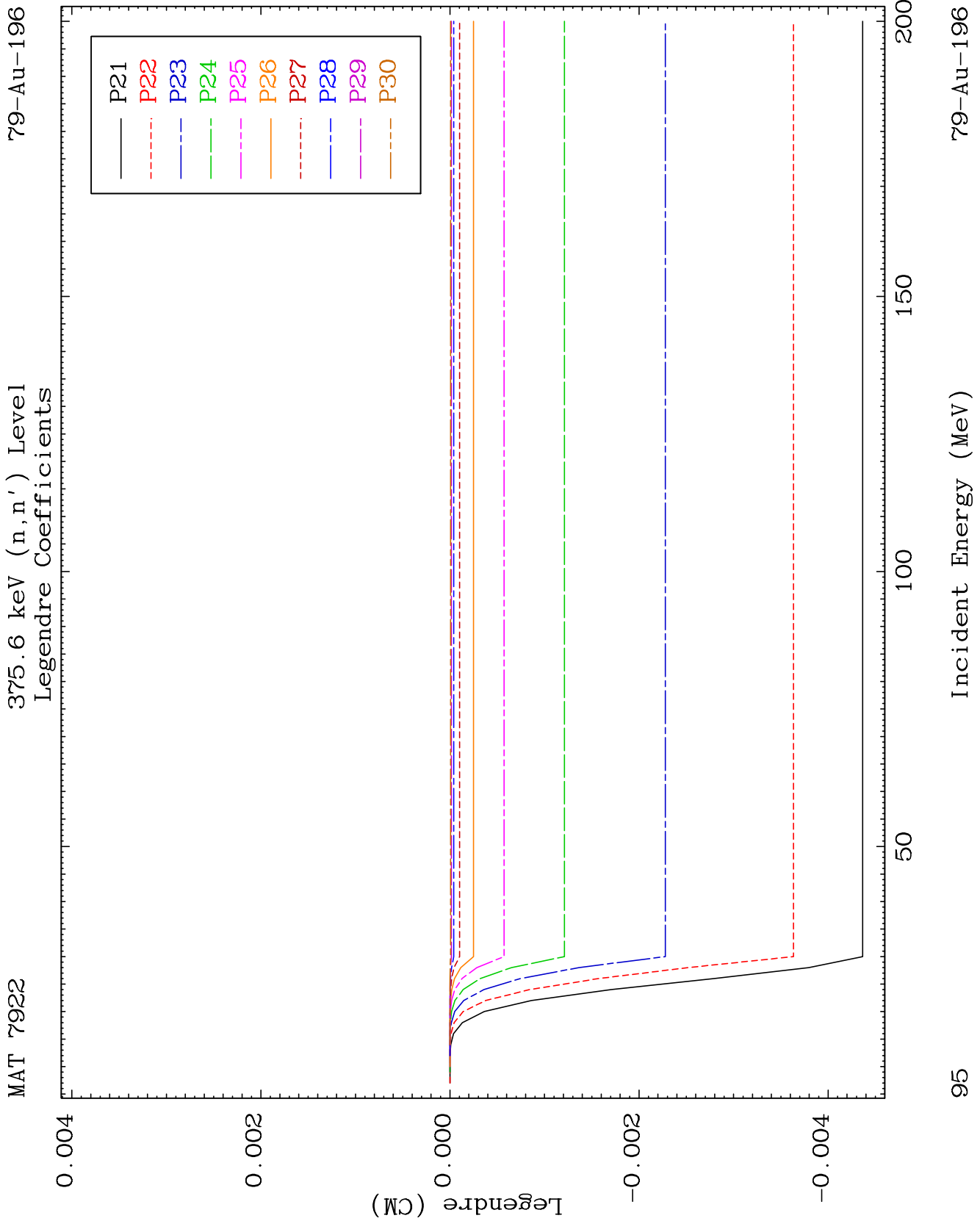
79-Au-196

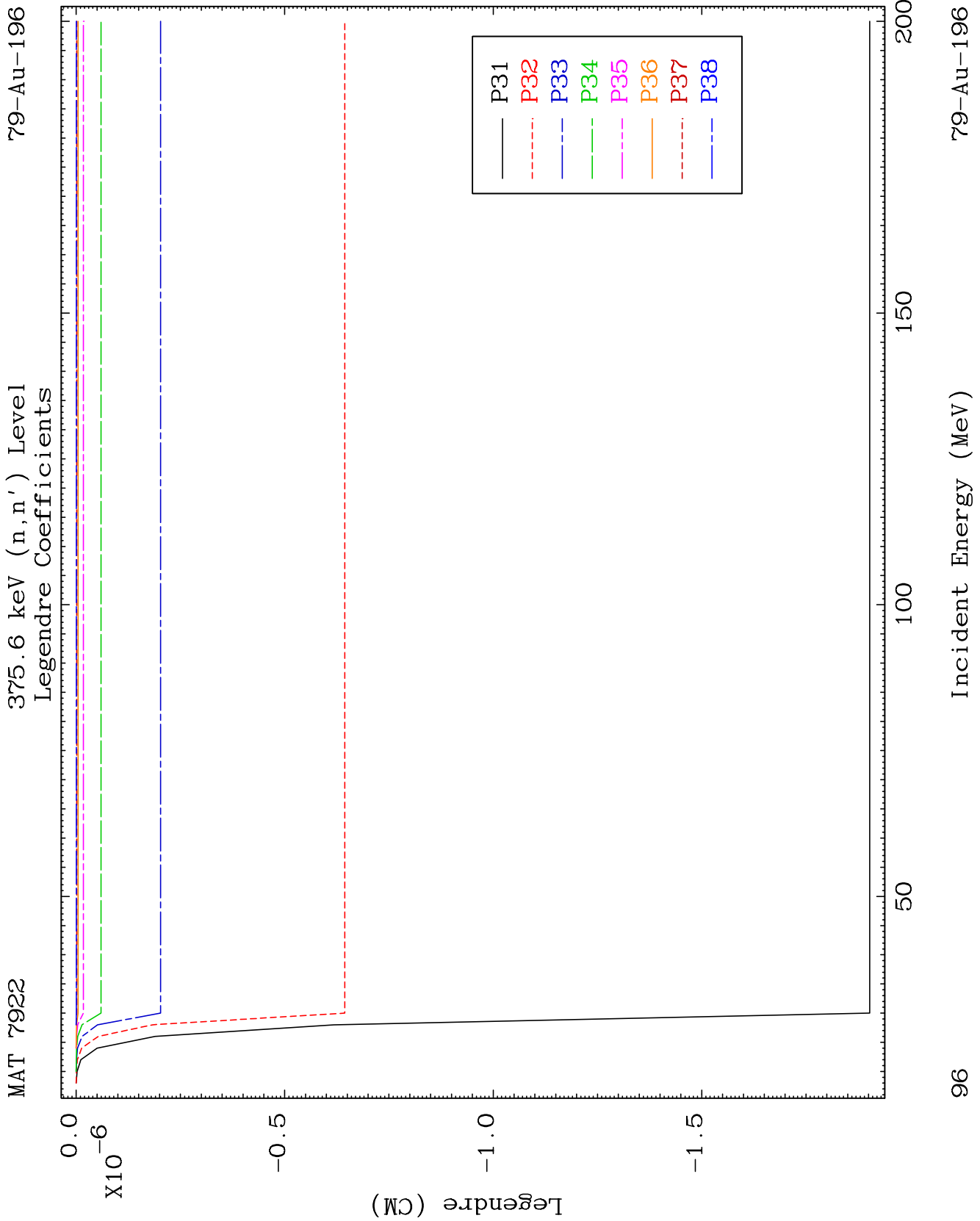


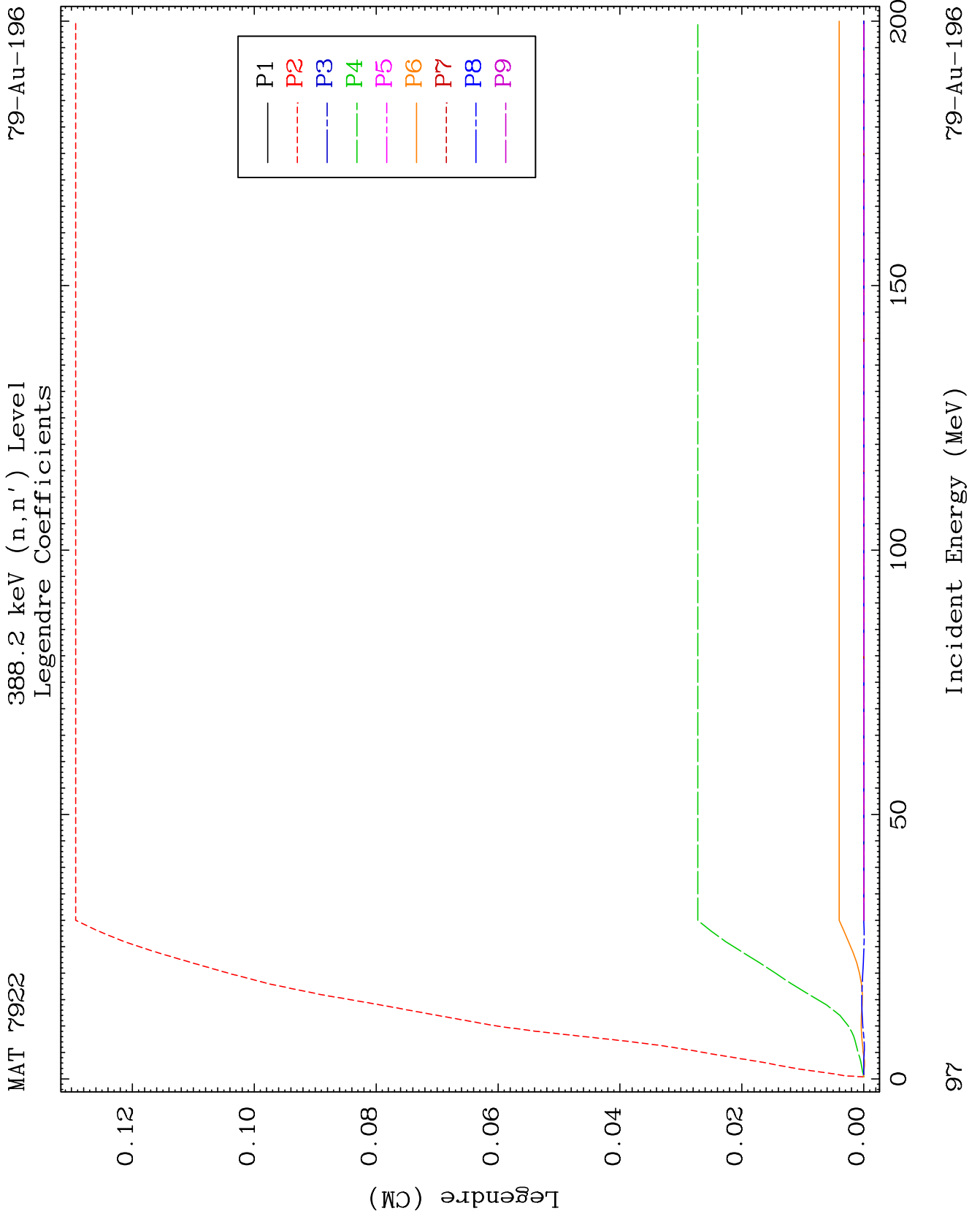
94

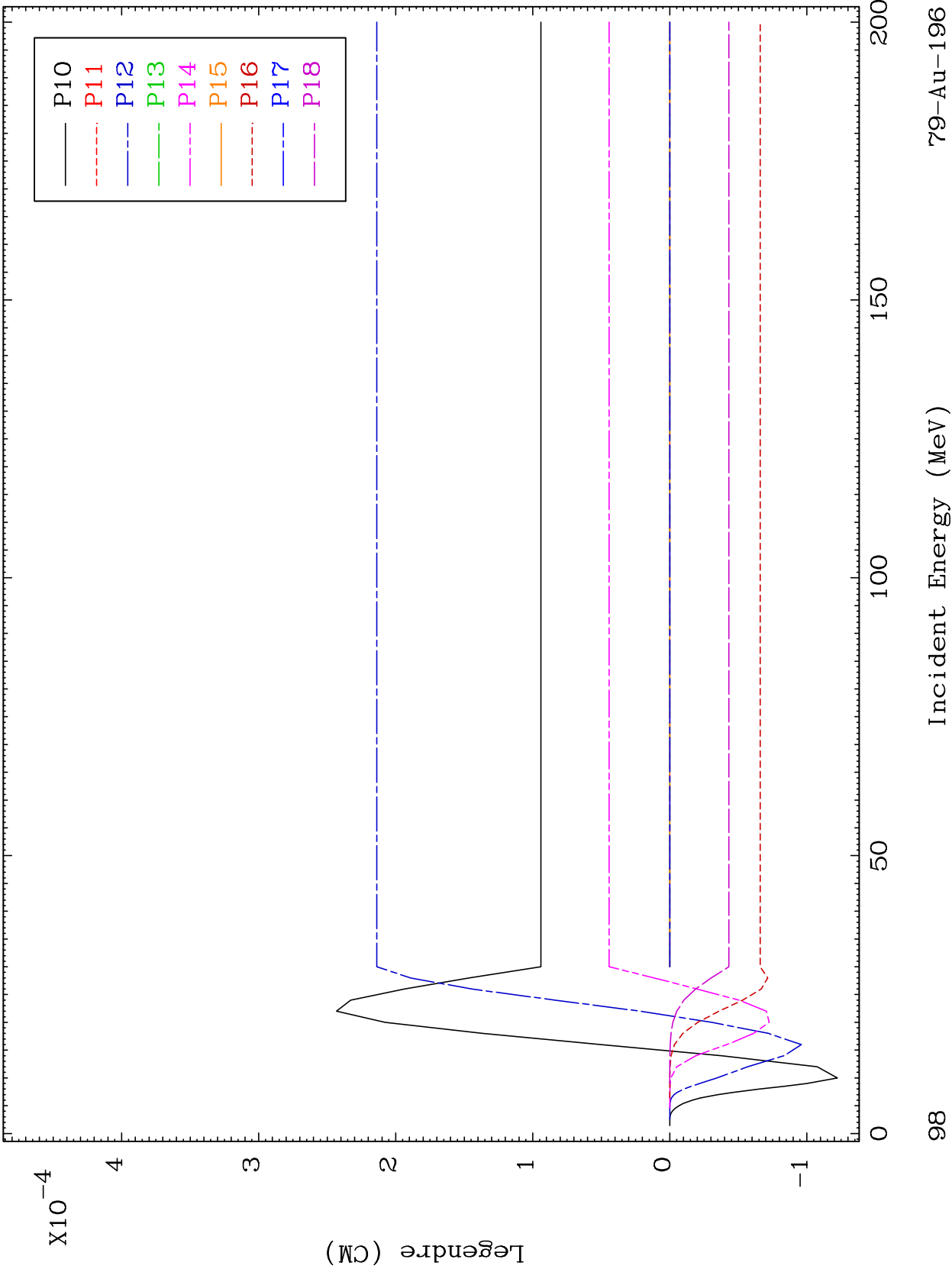
Incident Energy (MeV)

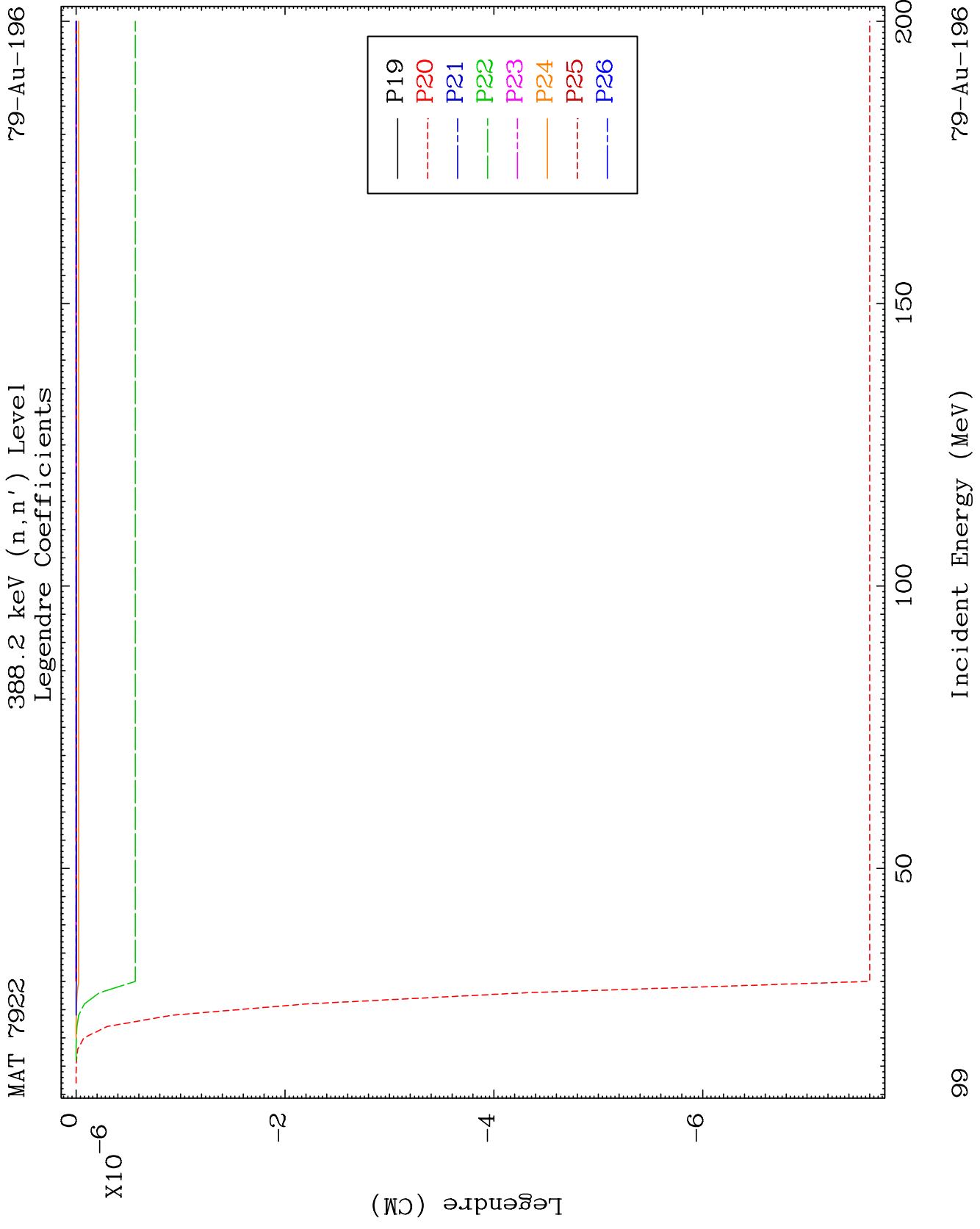
79-Au-196







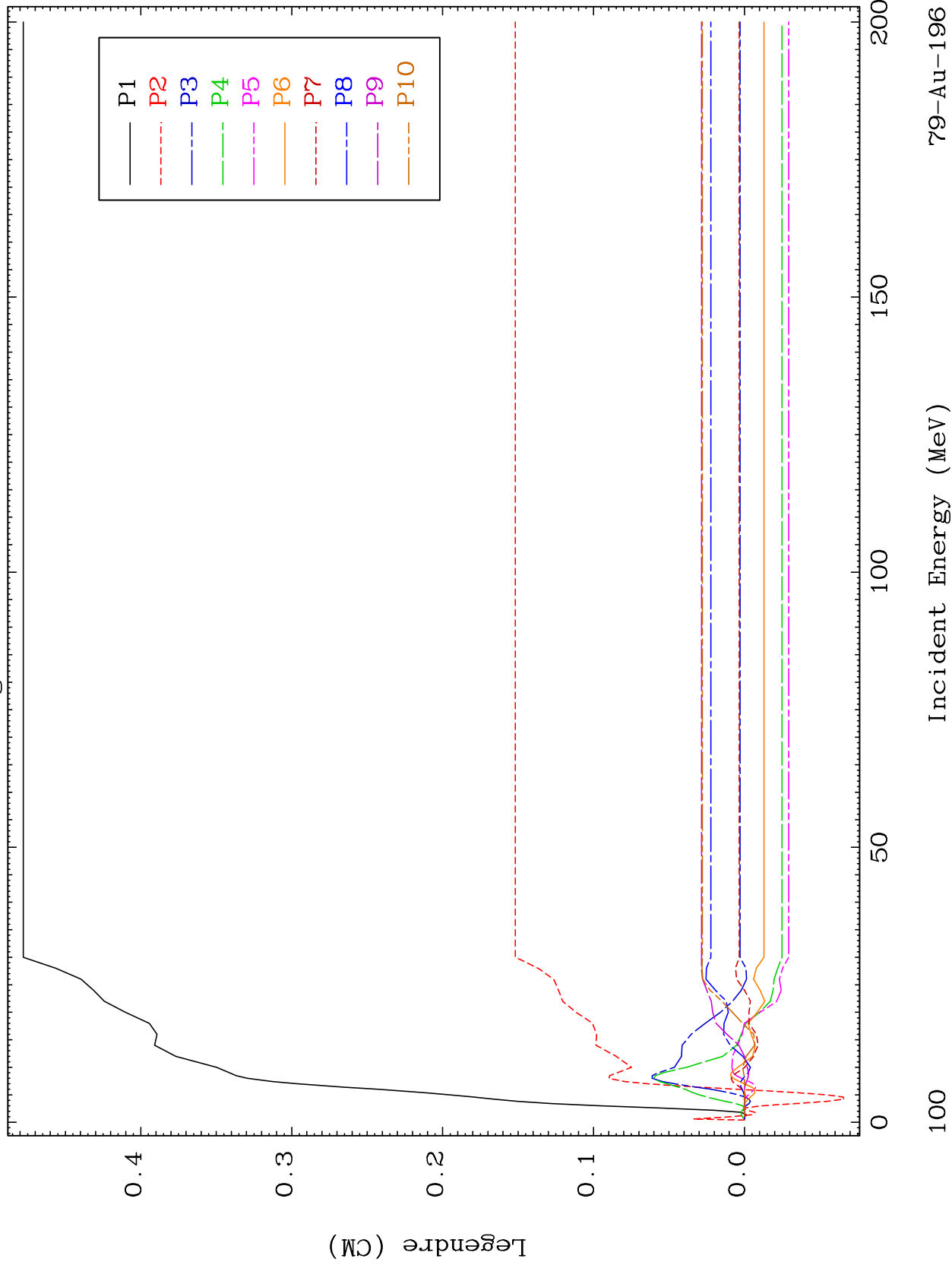




MAT 7922

400.8 keV (n,n') Level
Legendre Coefficients

79-Au-196

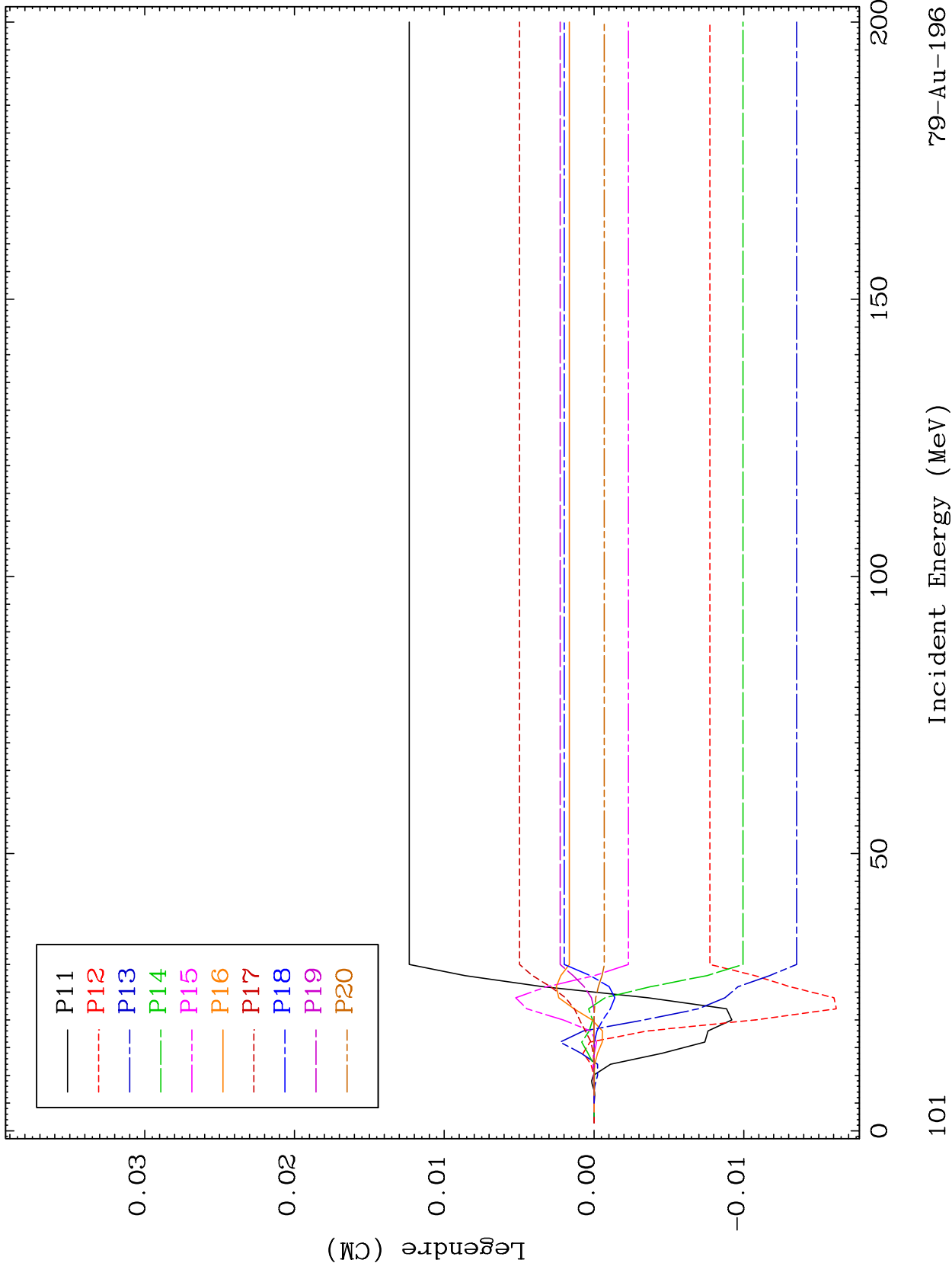


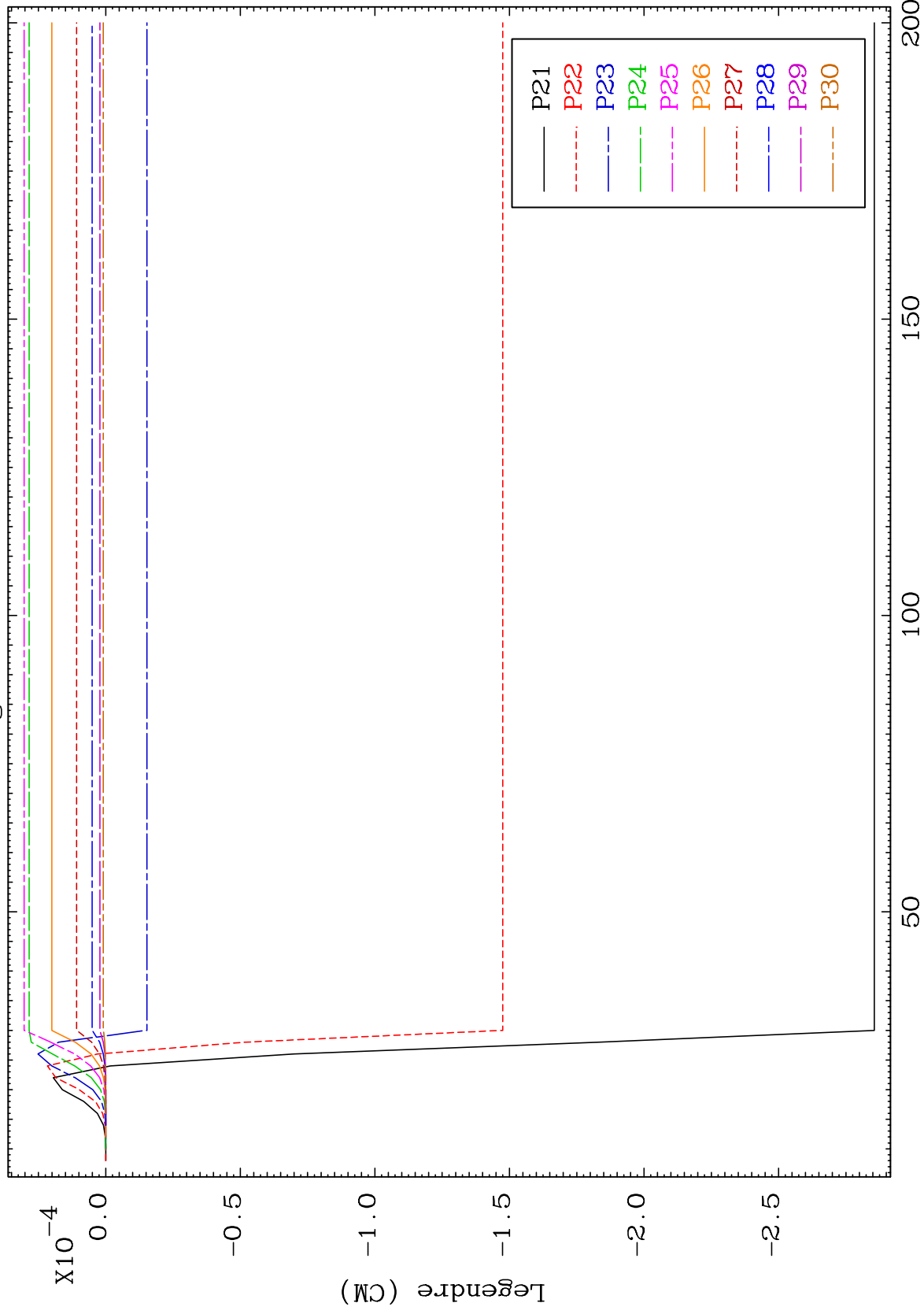
79-Au-196

MAT 7922

400.8 keV (n,n') Level
Legendre Coefficients

79-Au-196

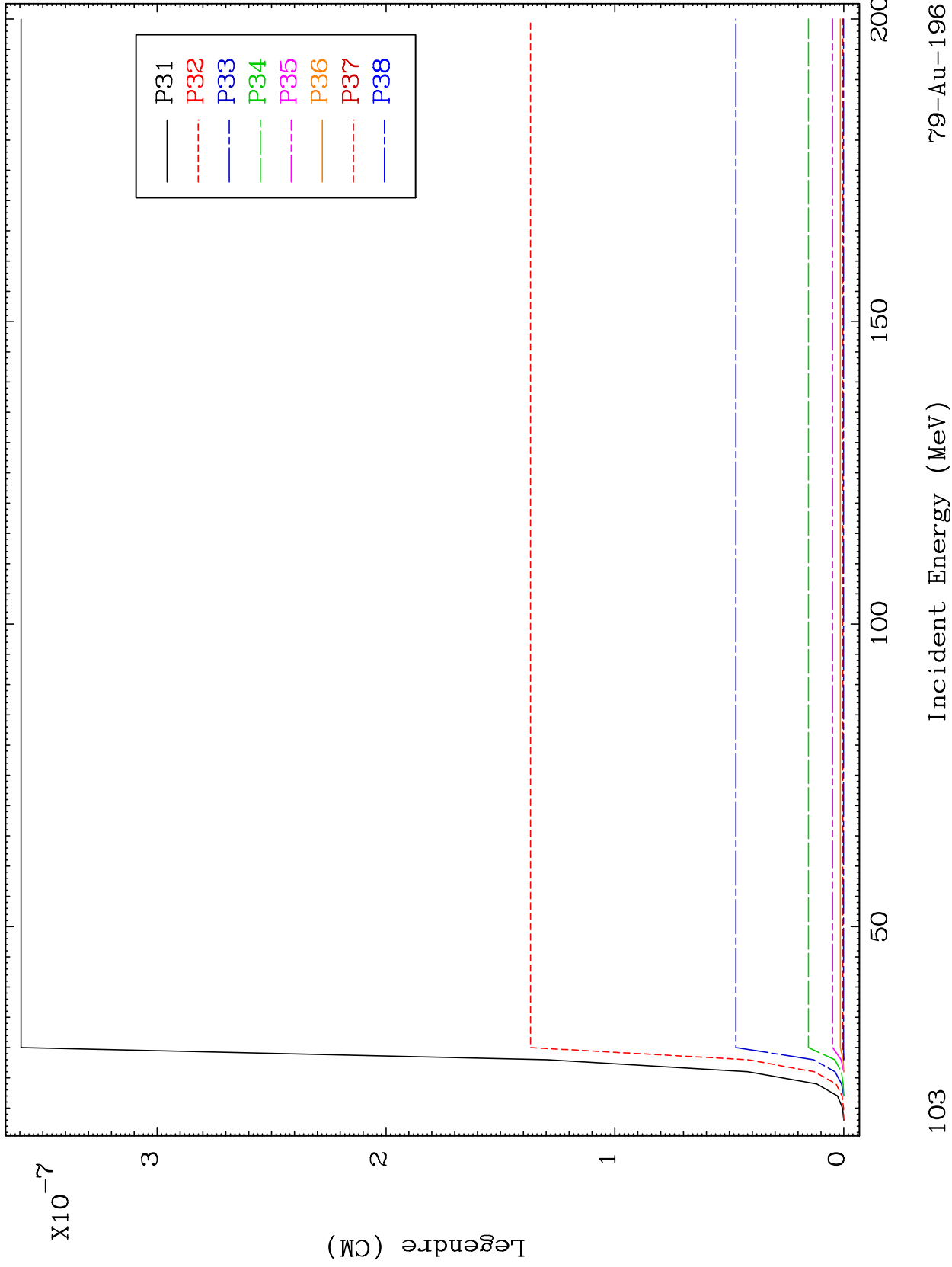


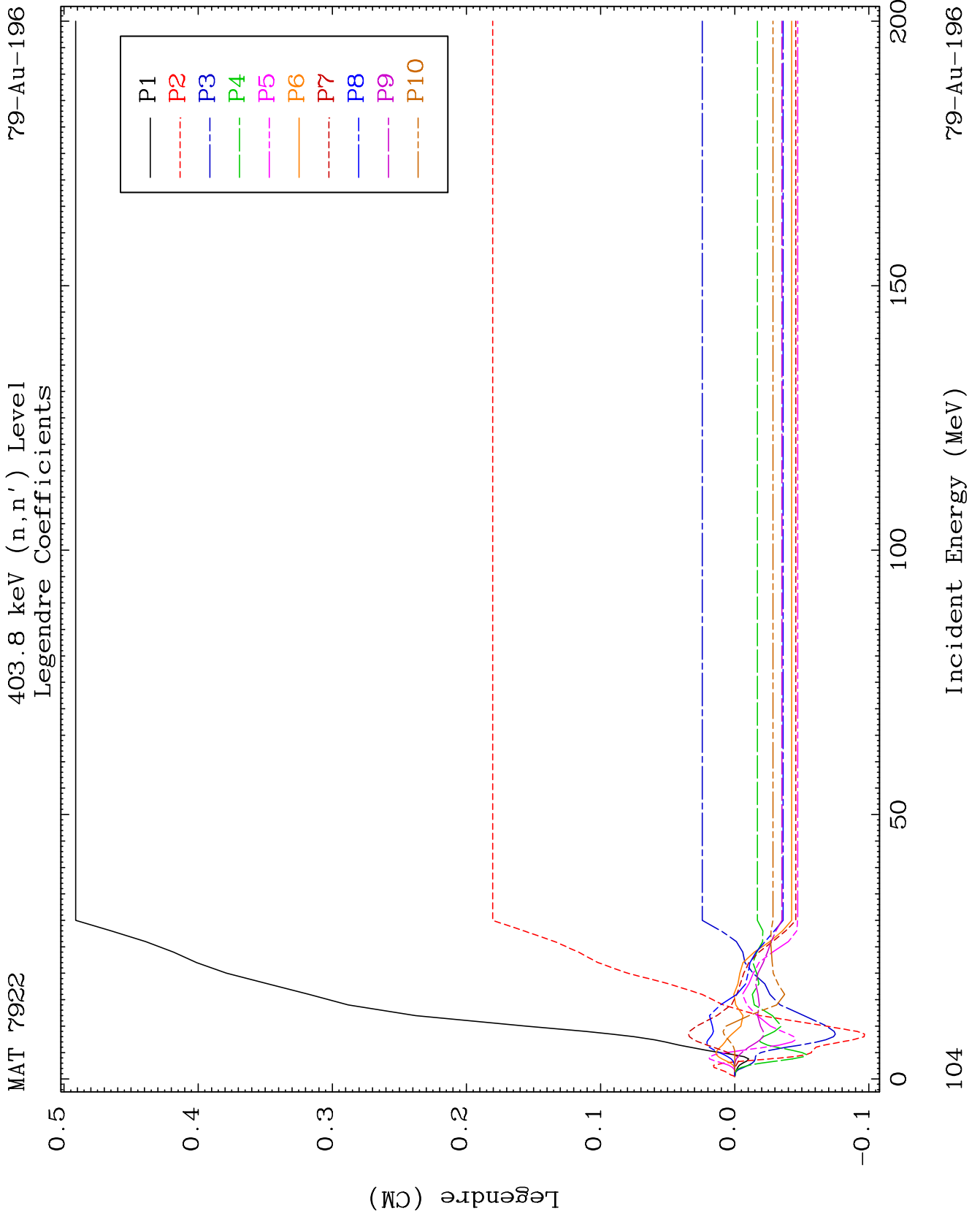


MAT 7922

400.8 keV (n,n') Level
Legendre Coefficients

79-Au-196

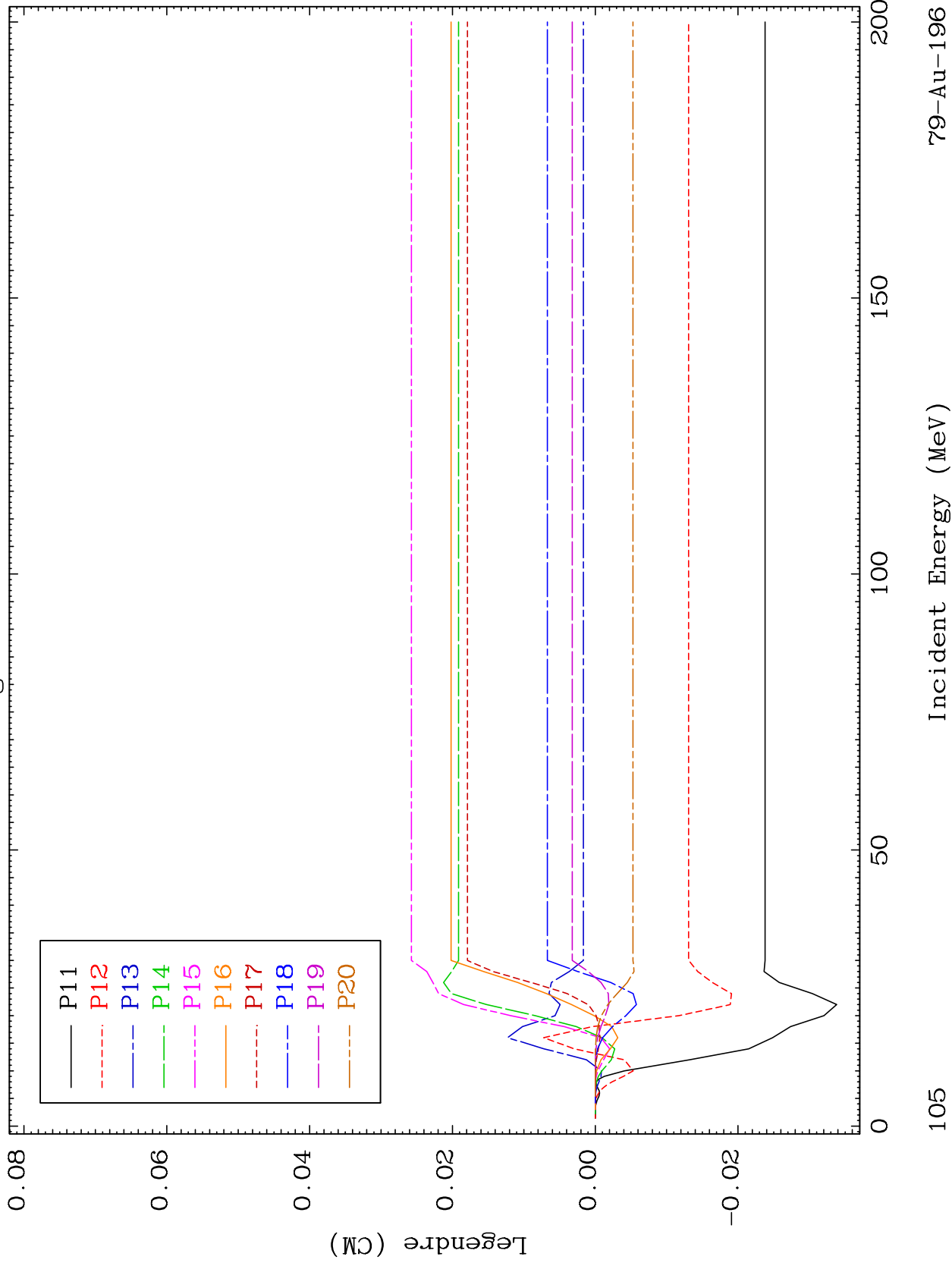




MAT 7922

403.8 keV (n,n') Level
Legendre Coefficients

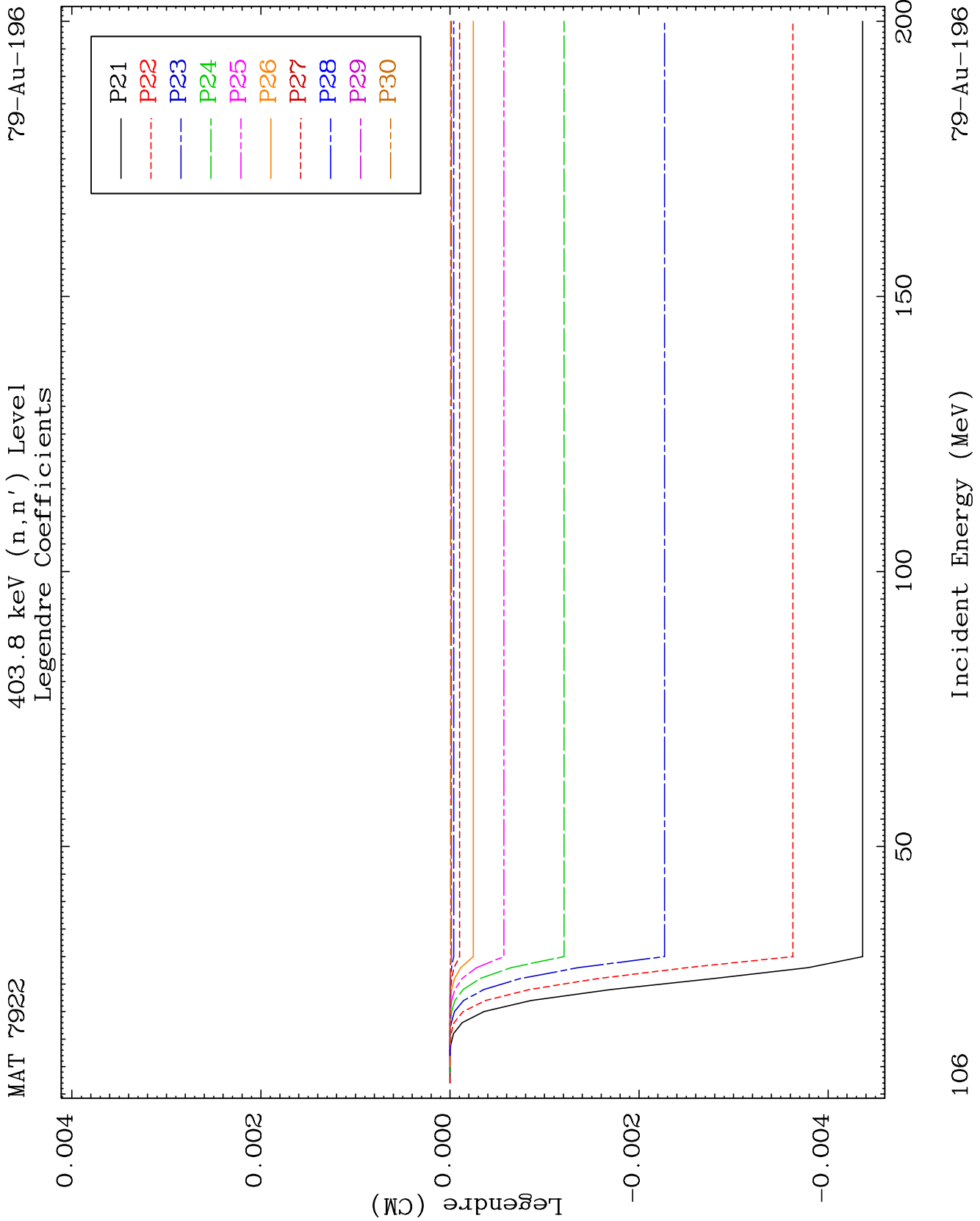
79-Au-196

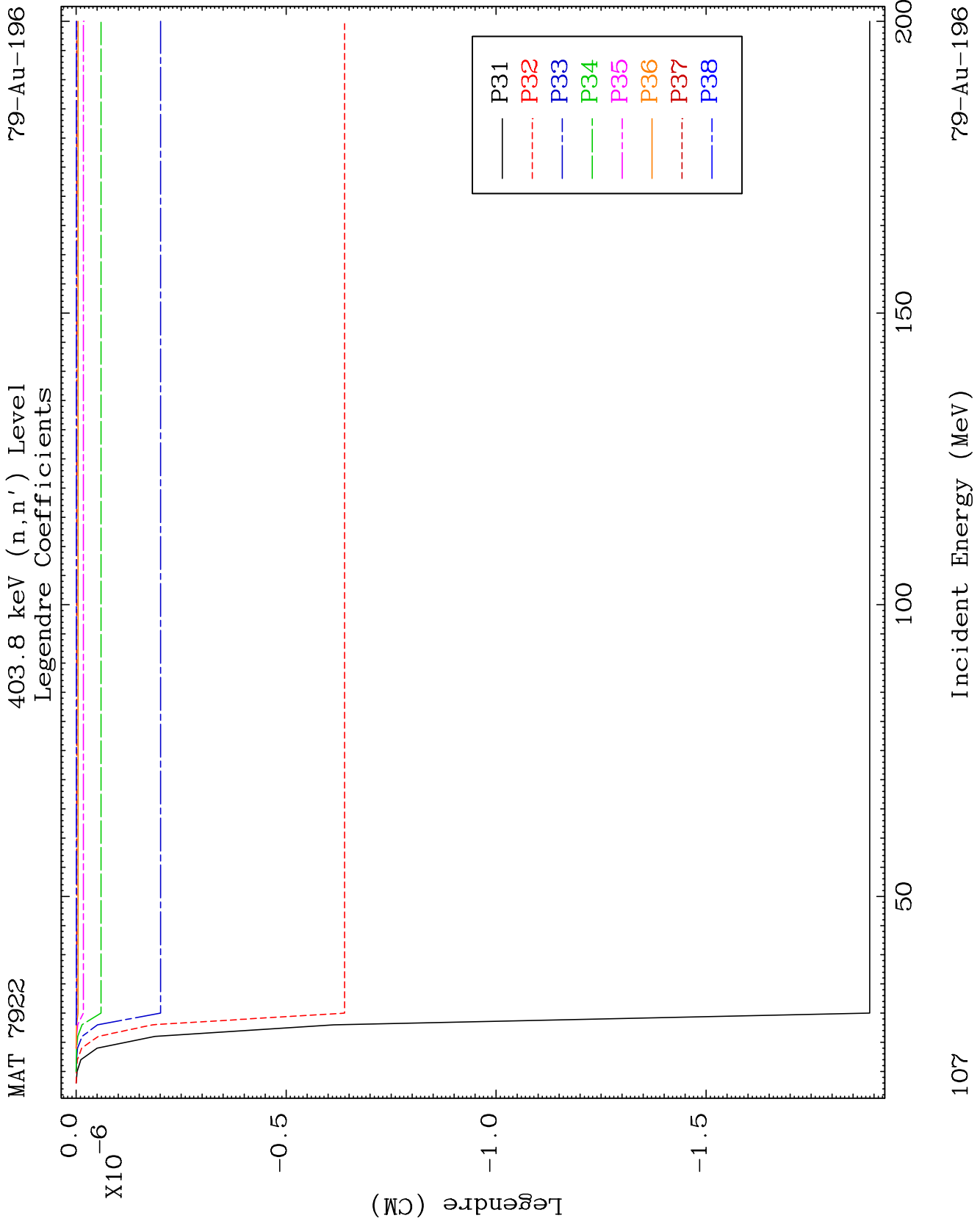


79-Au-196

Incident Energy (MeV)

105

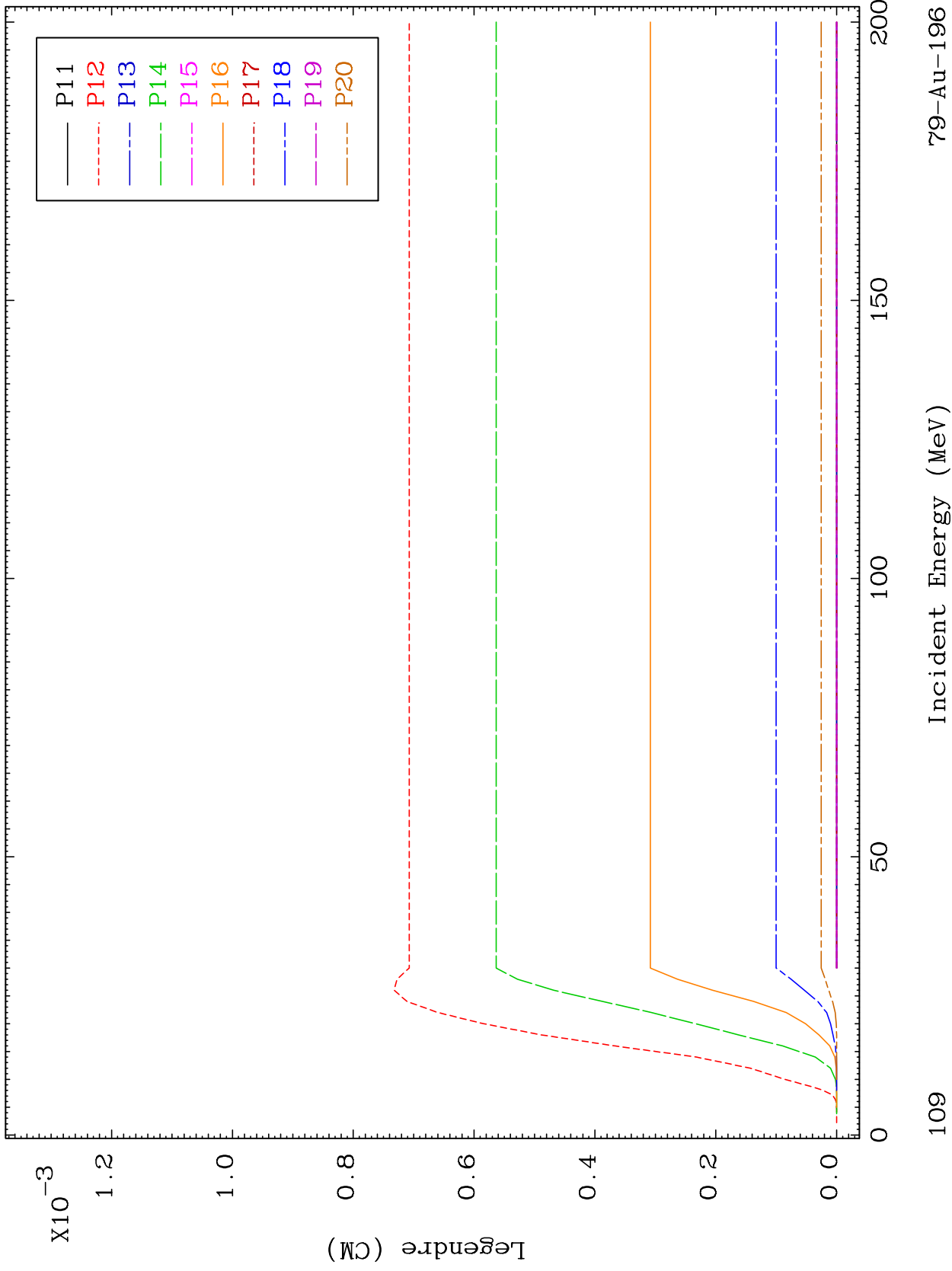




MAT 7922

408.4 keV (n,n') Level
Legendre Coefficients

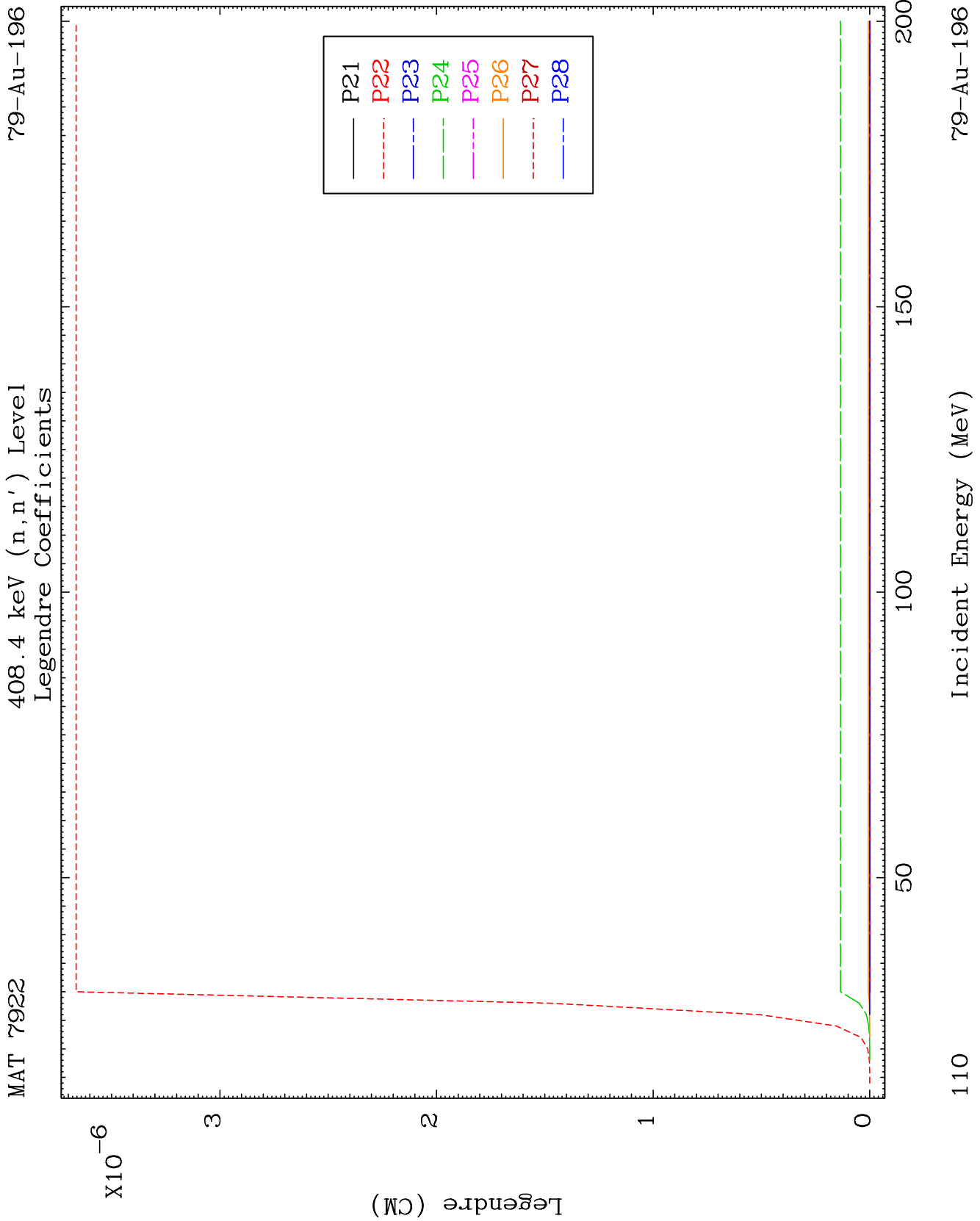
79-Au-196

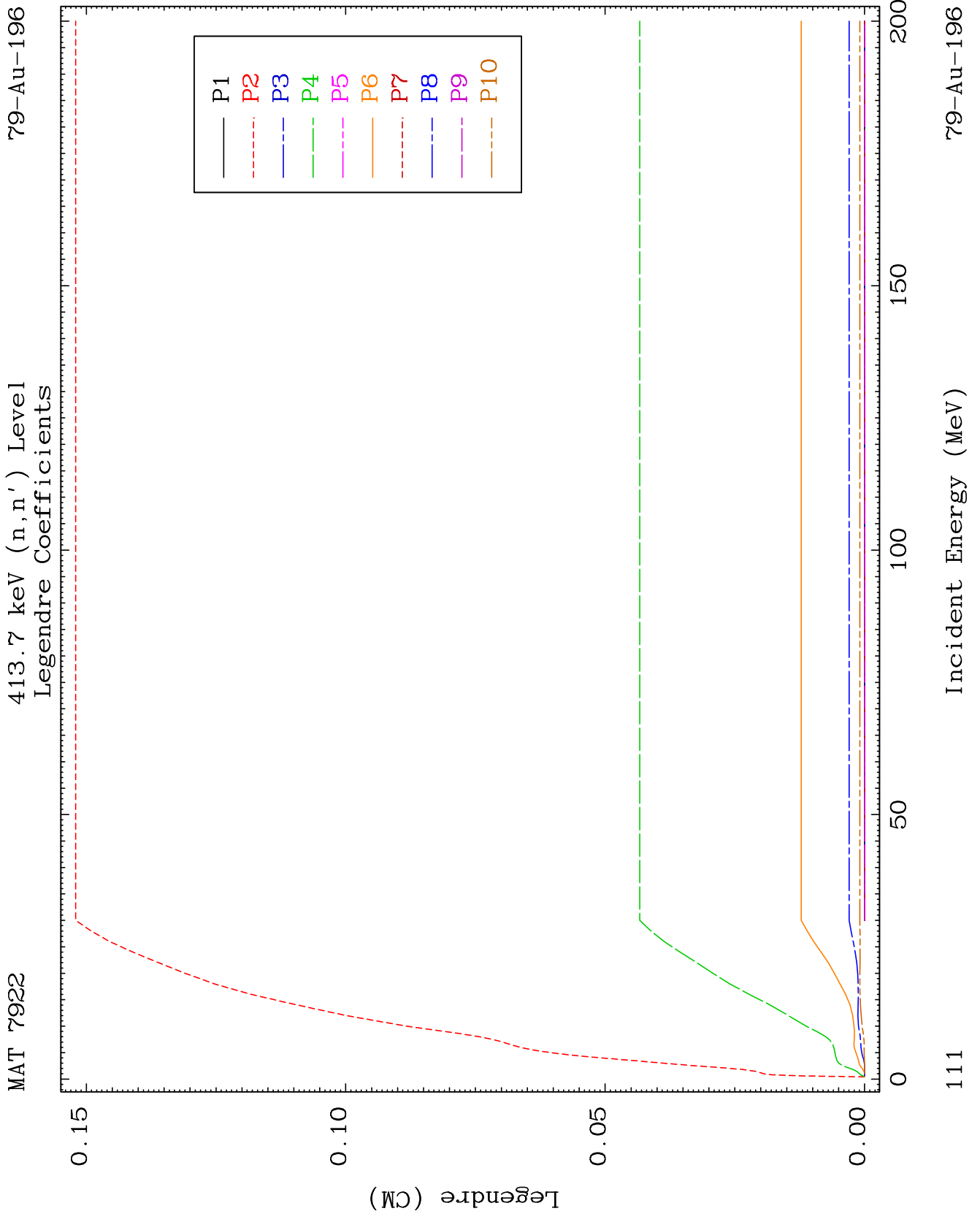


79-Au-196

Incident Energy (MeV)

109

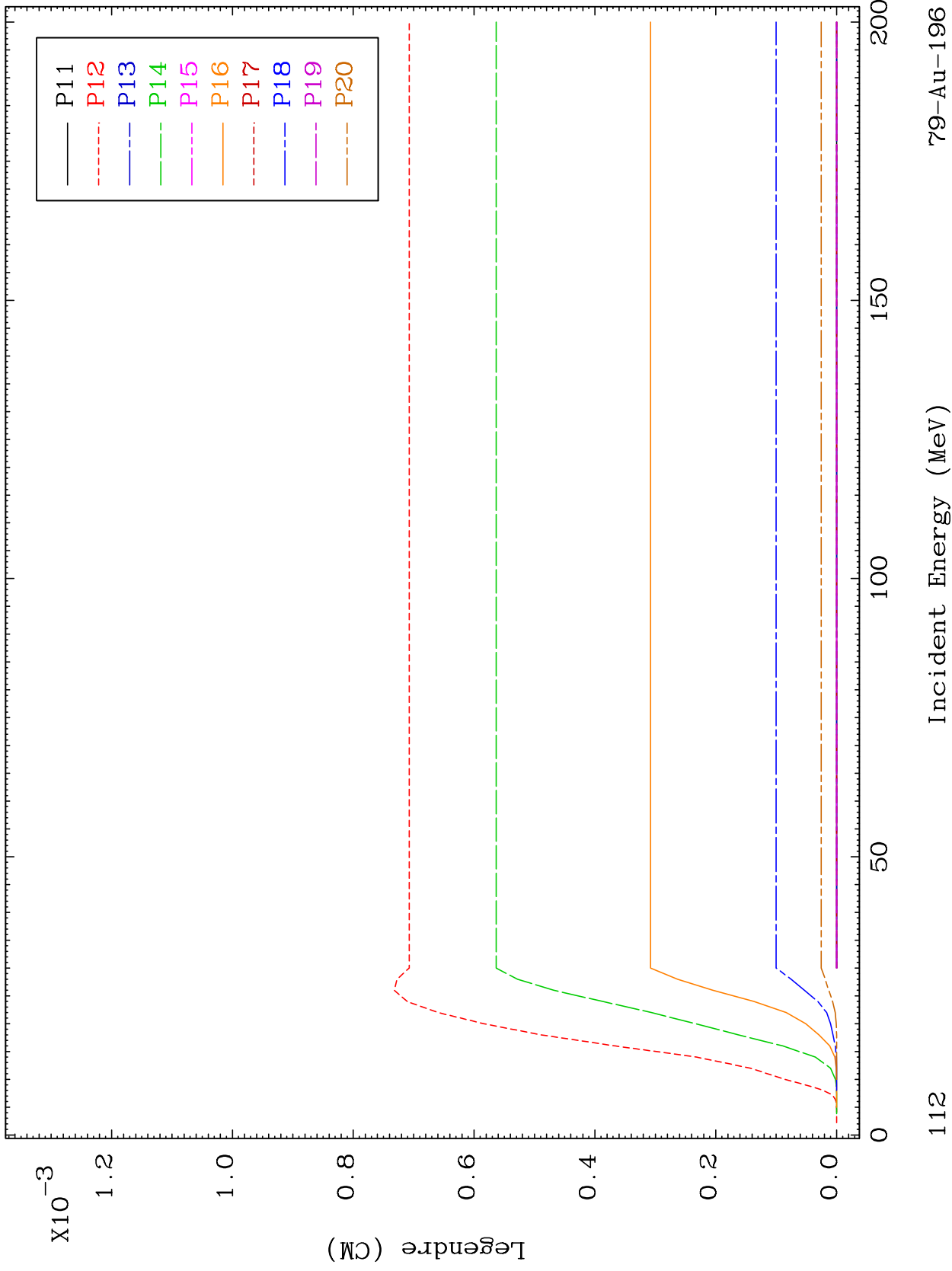




MAT 7922

413.7 keV (n,n') Level
Legendre Coefficients

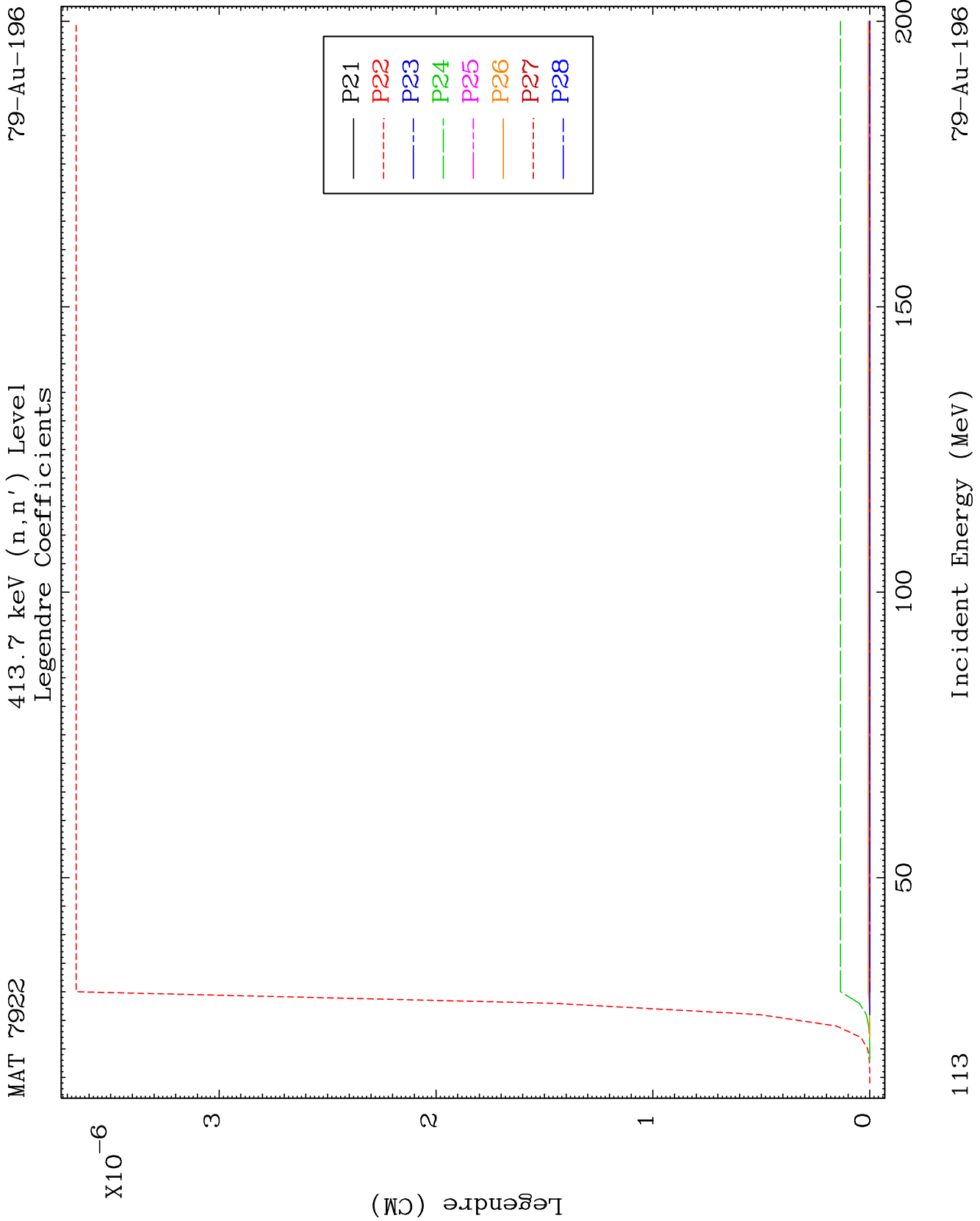
79-Au-196



112

Incident Energy (MeV)

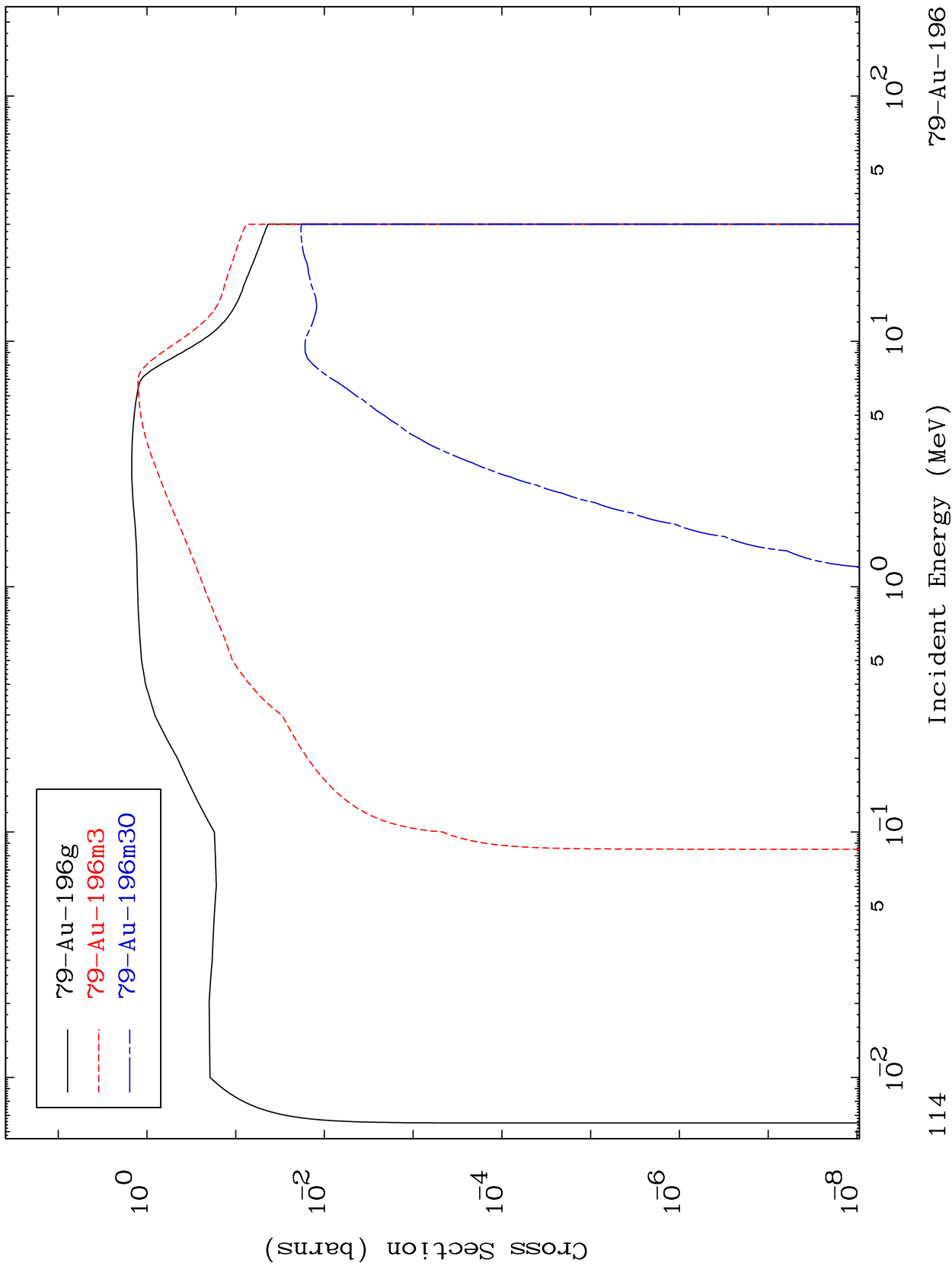
79-Au-196



MAT 7922

79-Au-196

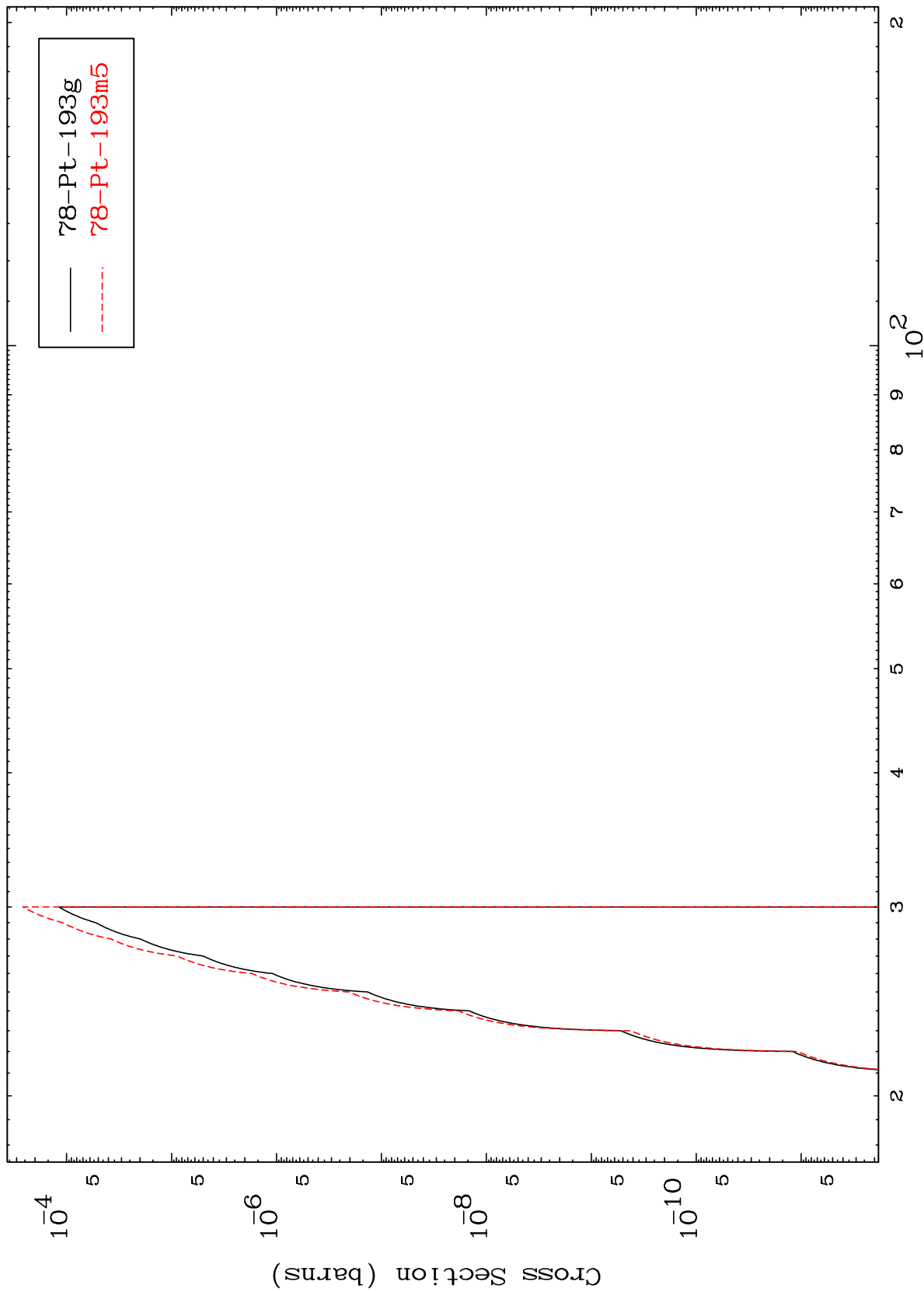
Radionuclide Production Cross Section



114

79-Au-196

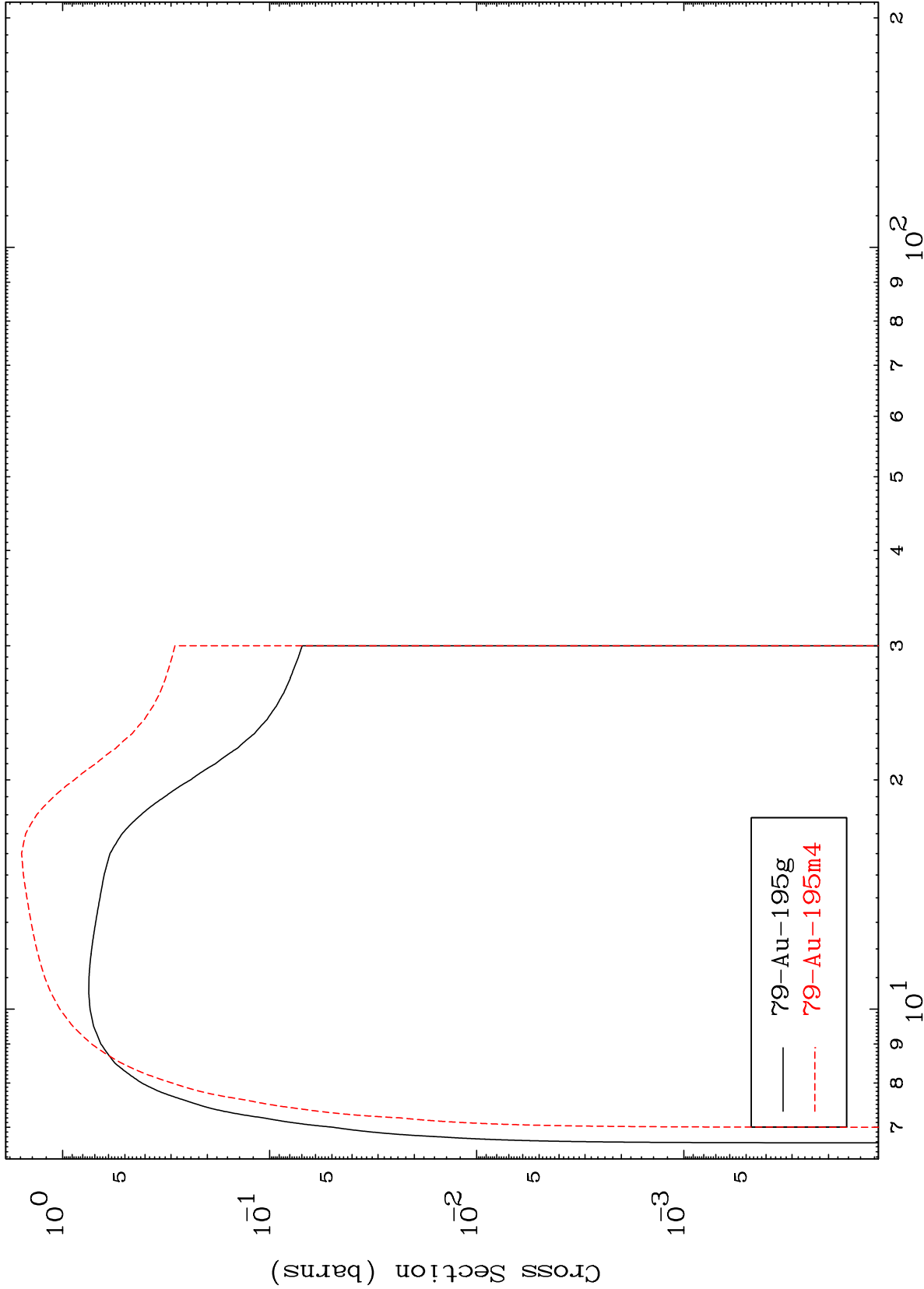
Radionuclide Production Cross Section



MAT 7922

79-Au-196

(n,2n)
Radionuclide Production Cross Section



116

Incident Energy (MeV)

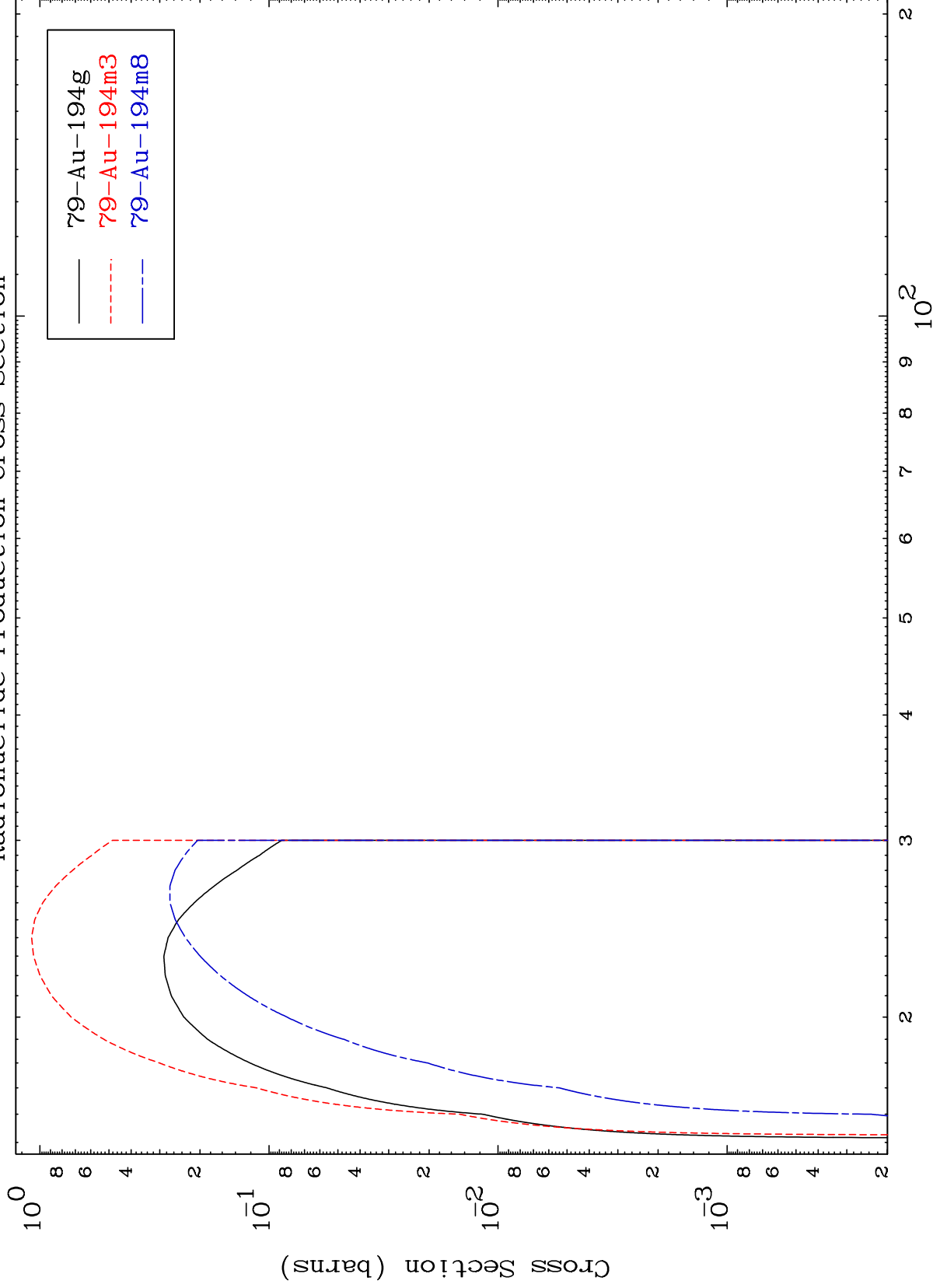
79-Au-196

MAT 7922

(n,3n)

79-Au-196

Radionuclide Production Cross Section



79-Au-194g
79-Au-194m3
79-Au-194m8

117

Incident Energy (MeV)

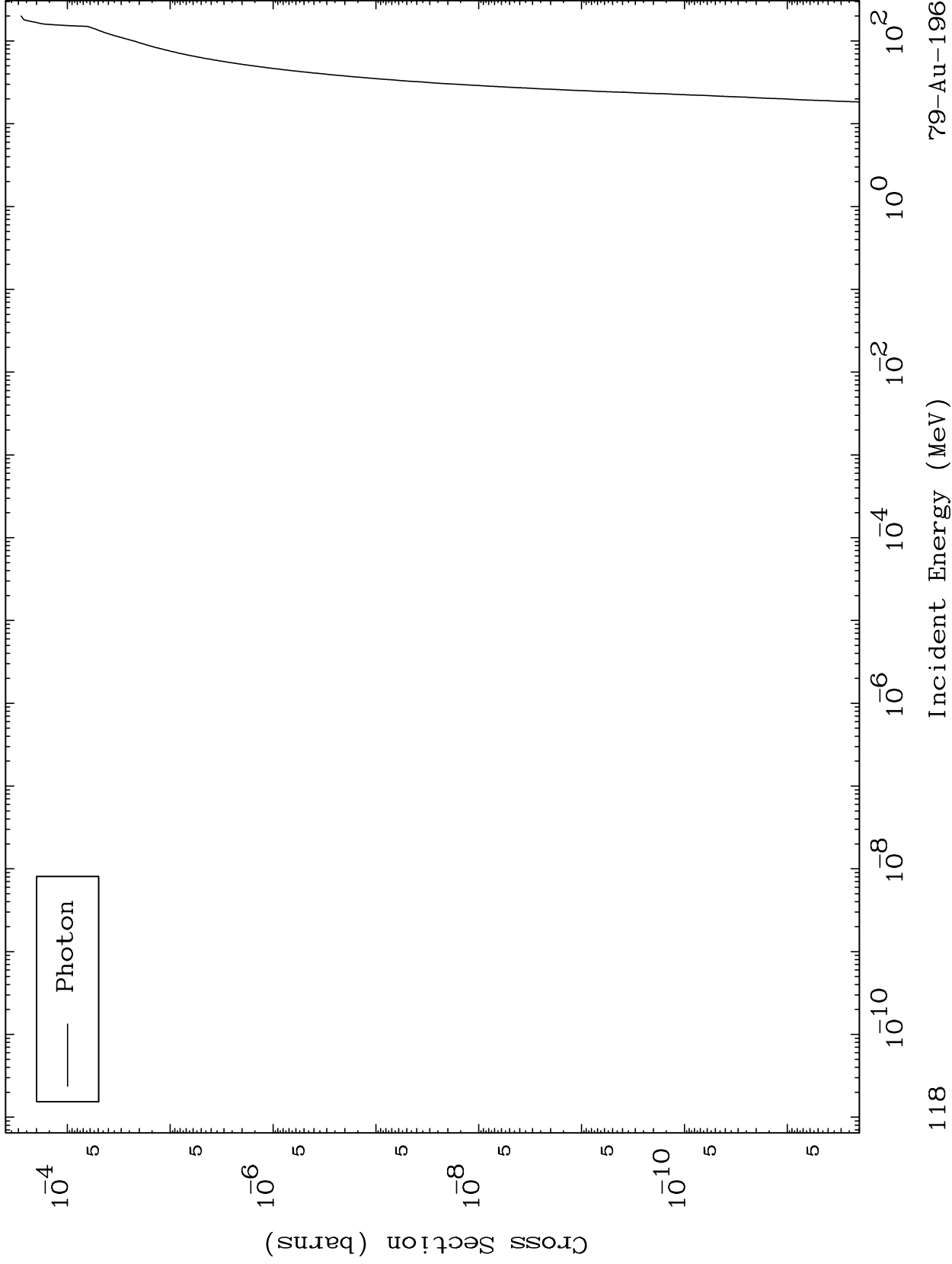
79-Au-196

MAT 7922

Fission

79-Au-196

Radionuclide Production Cross Section

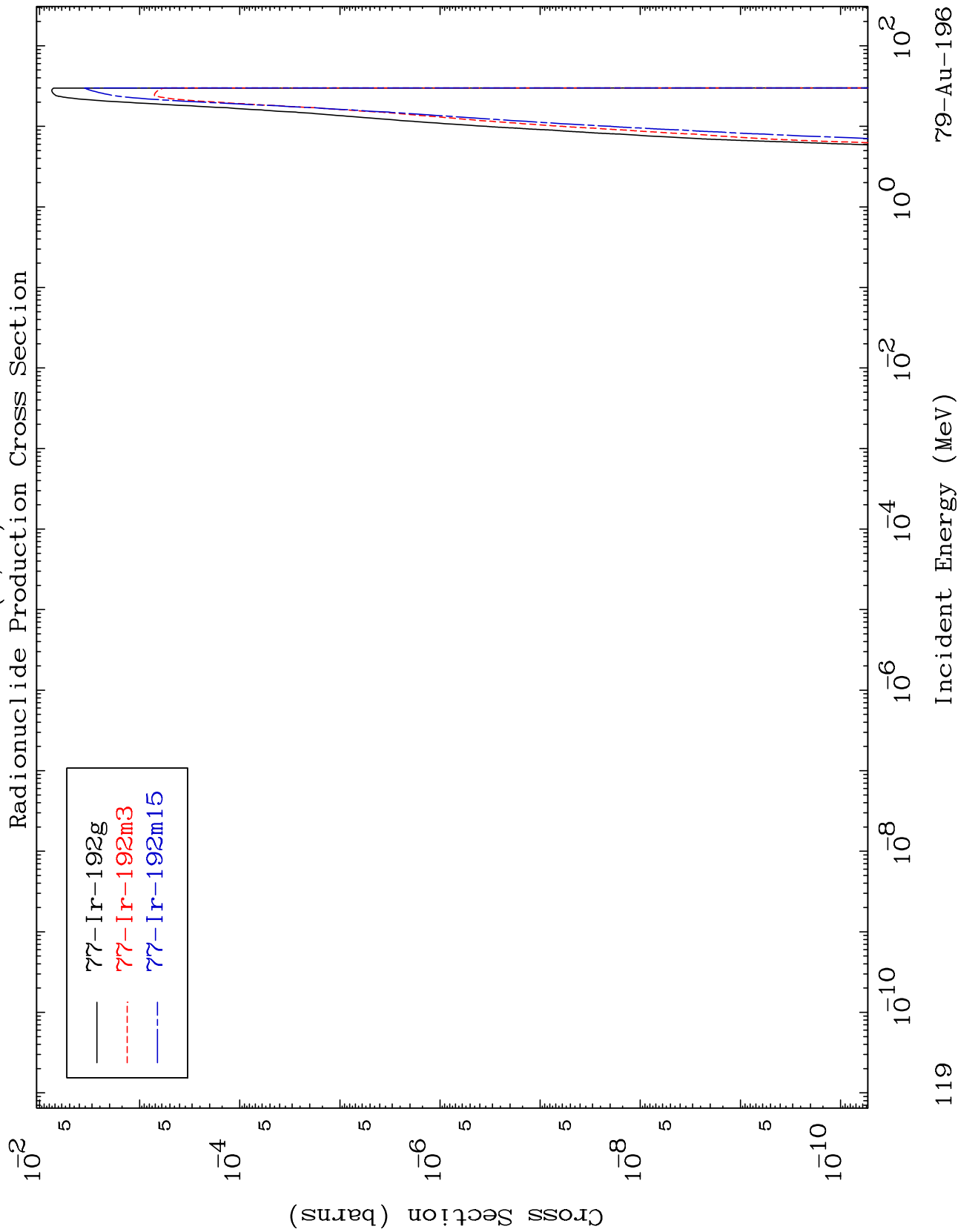


MAT 7922

$(n, n') \alpha$

$^{79}\text{Au-196}$

Radionuclide Production Cross Section



119

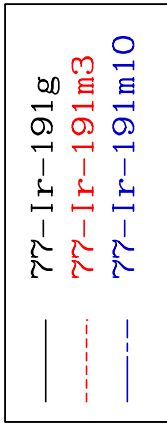
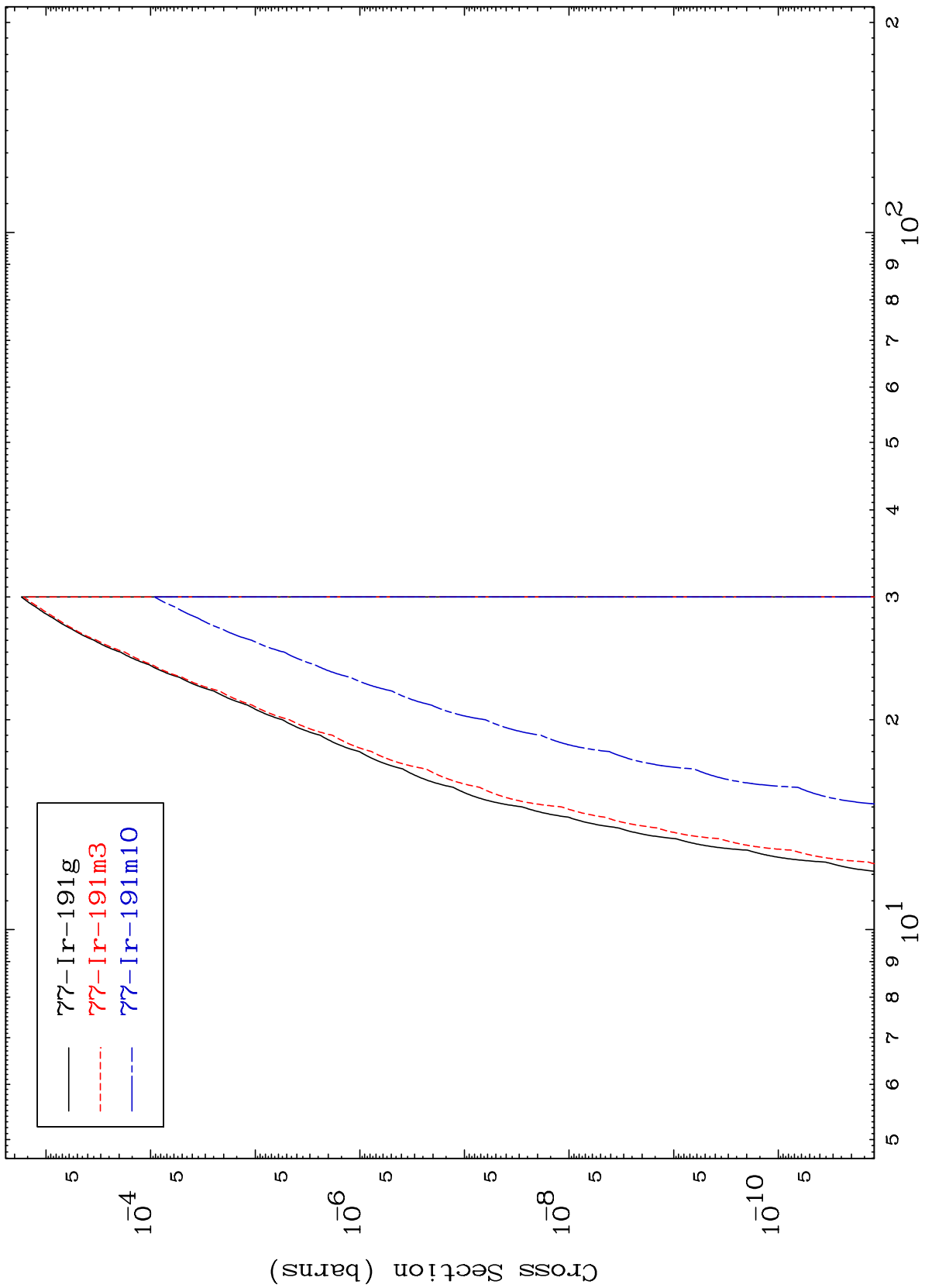
$^{79}\text{Au-196}$

MAT 7922

$(n, 2n) \alpha$

$^{79}\text{Au-196}$

Radionuclide Production Cross Section



120

Incident Energy (MeV)

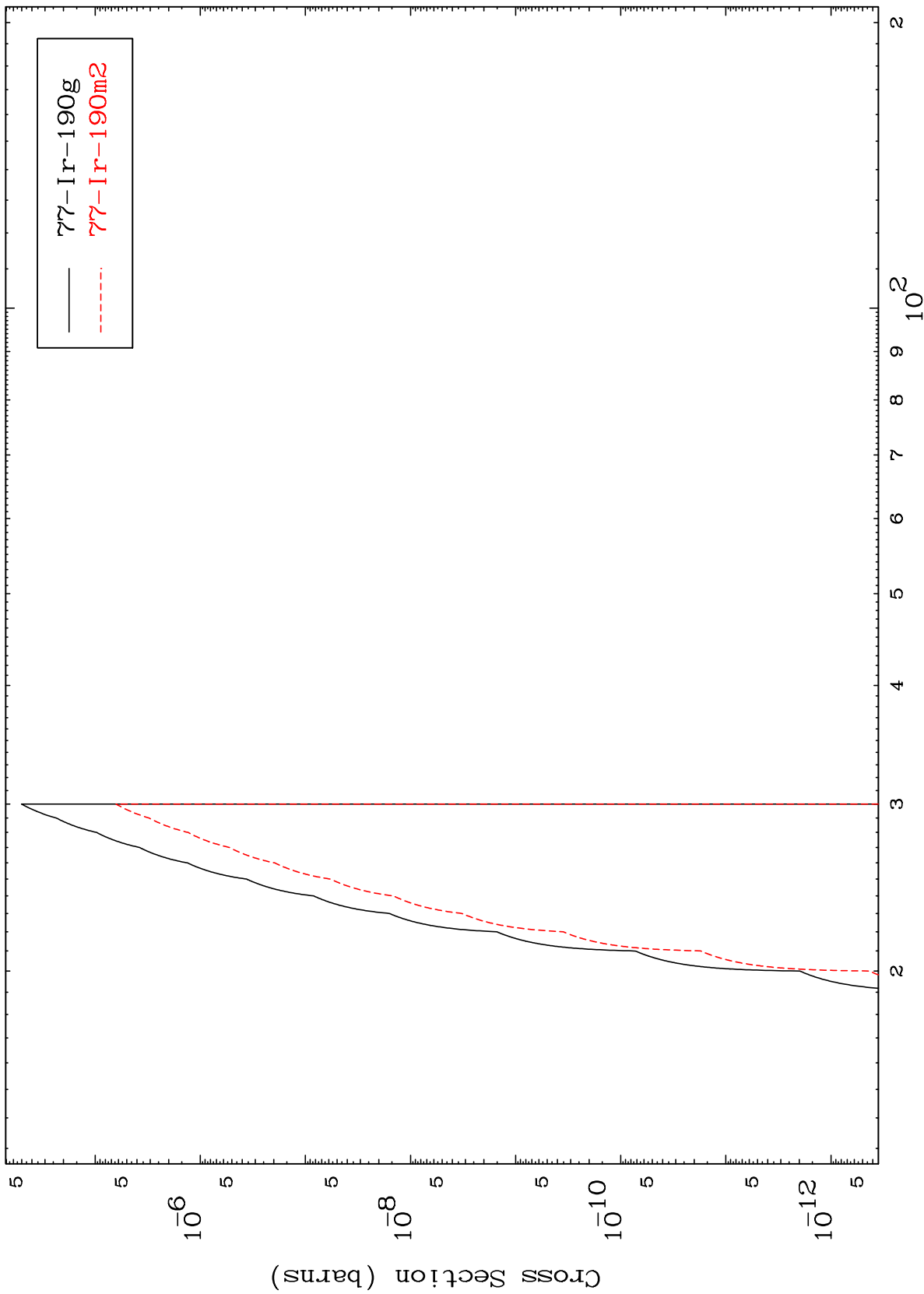
$^{79}\text{Au-196}$

MAT 7922

(n,3n) α

79-Au-196

Radionuclide Production Cross Section

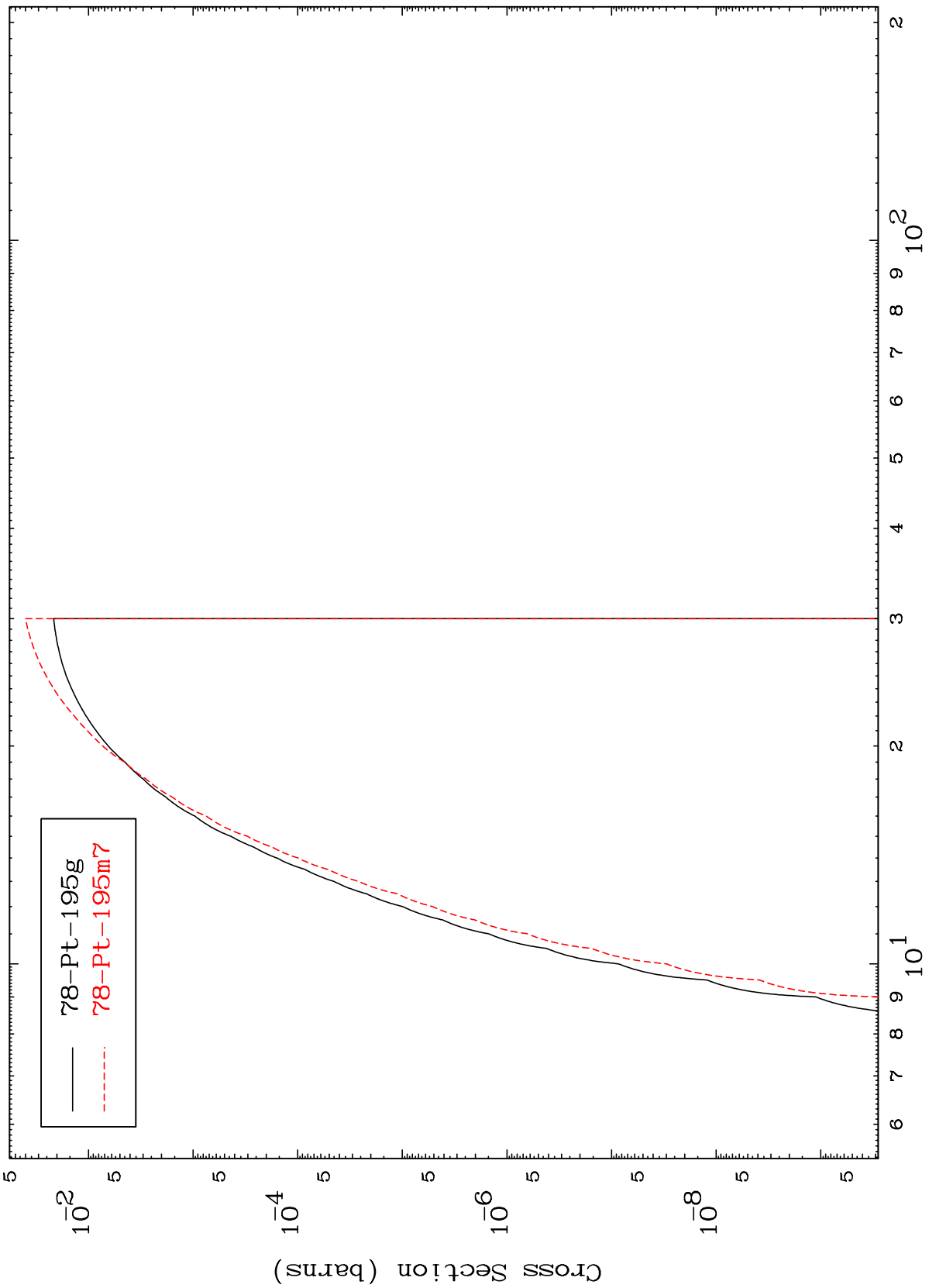


121

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section

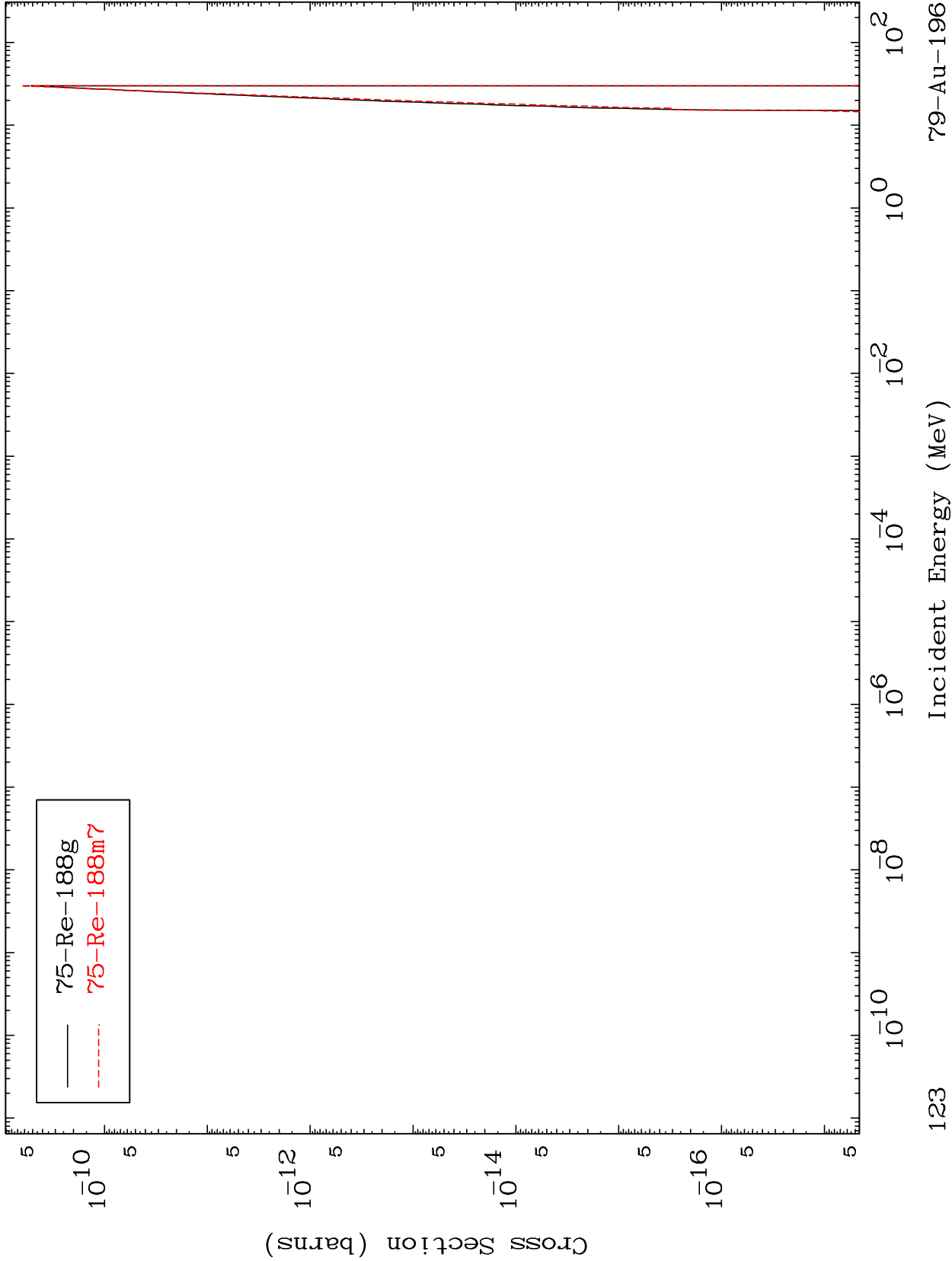


MAT 7922

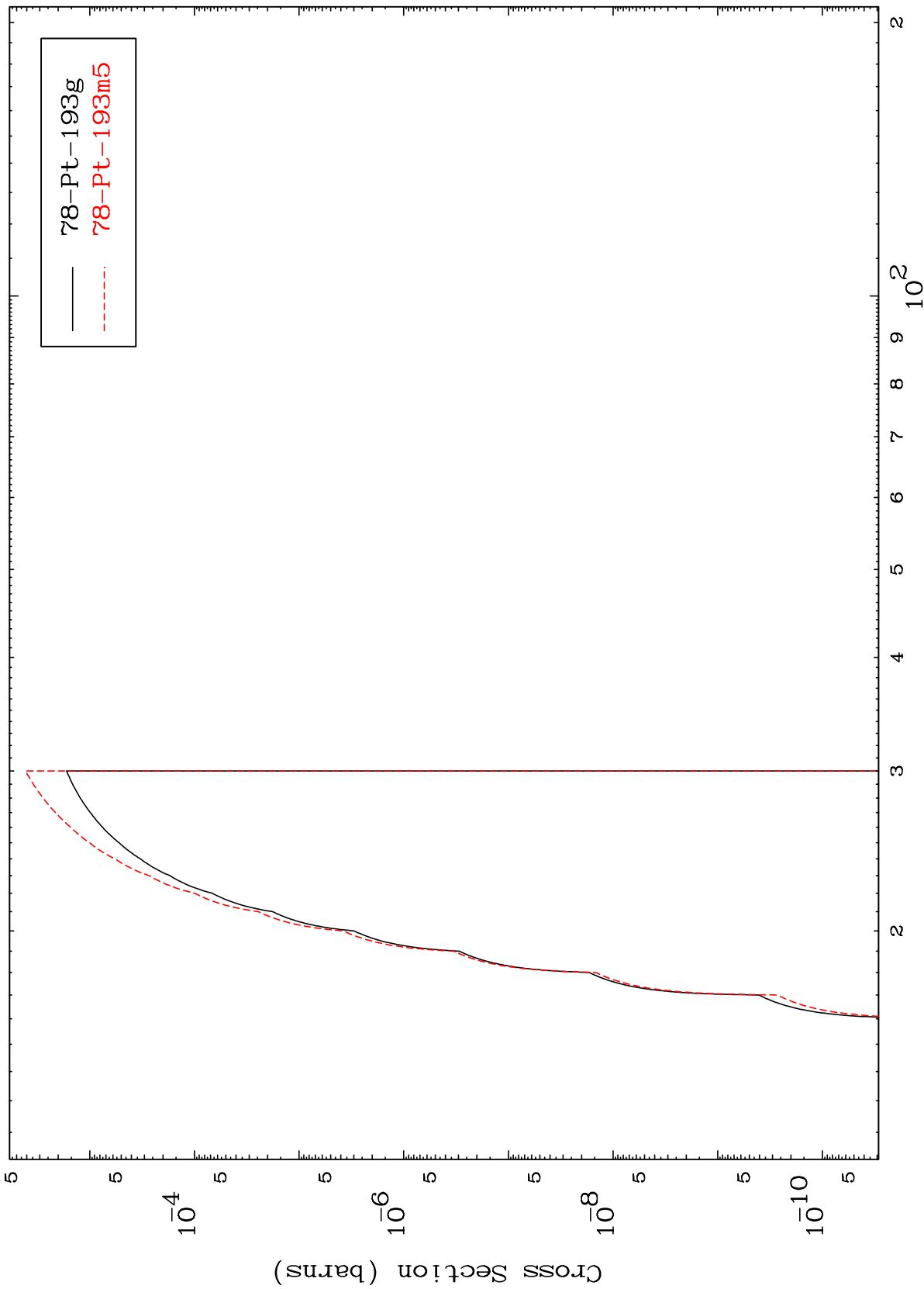
(n, n') 2α

$^{79}\text{Au-196}$

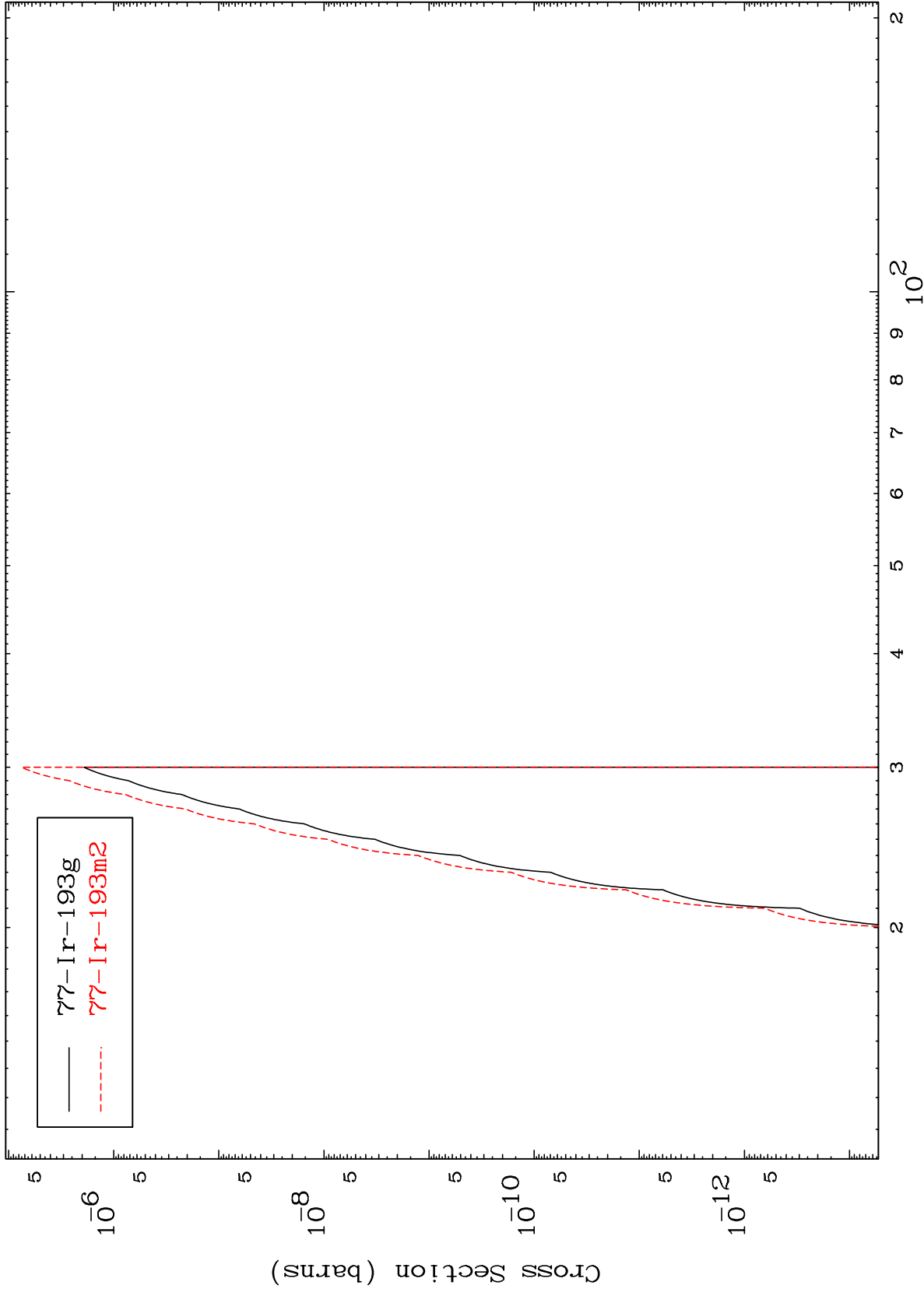
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

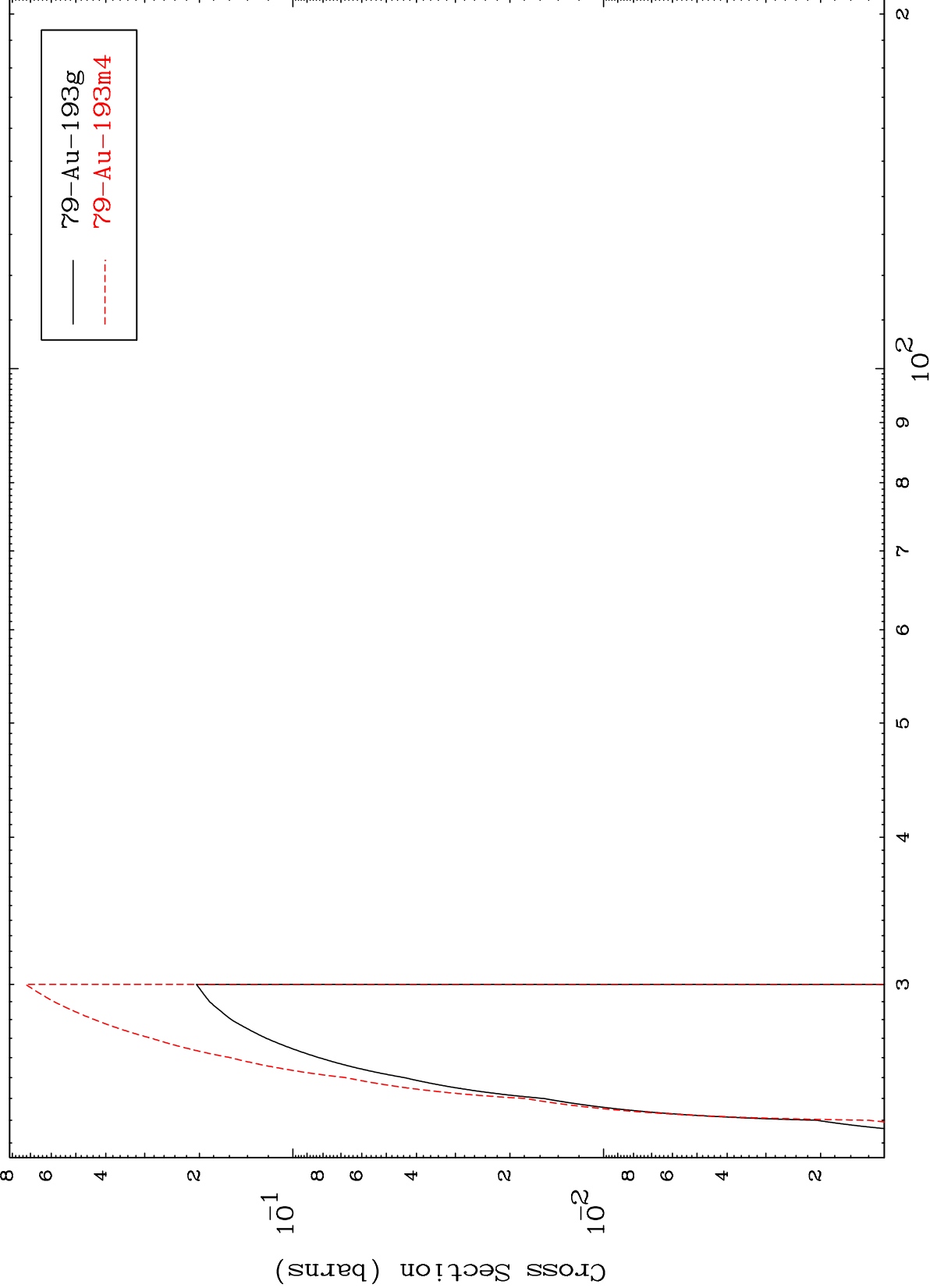


MAT 7922

(n,4n)

⁷⁹Au-196

Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

126

Incident Energy (MeV)

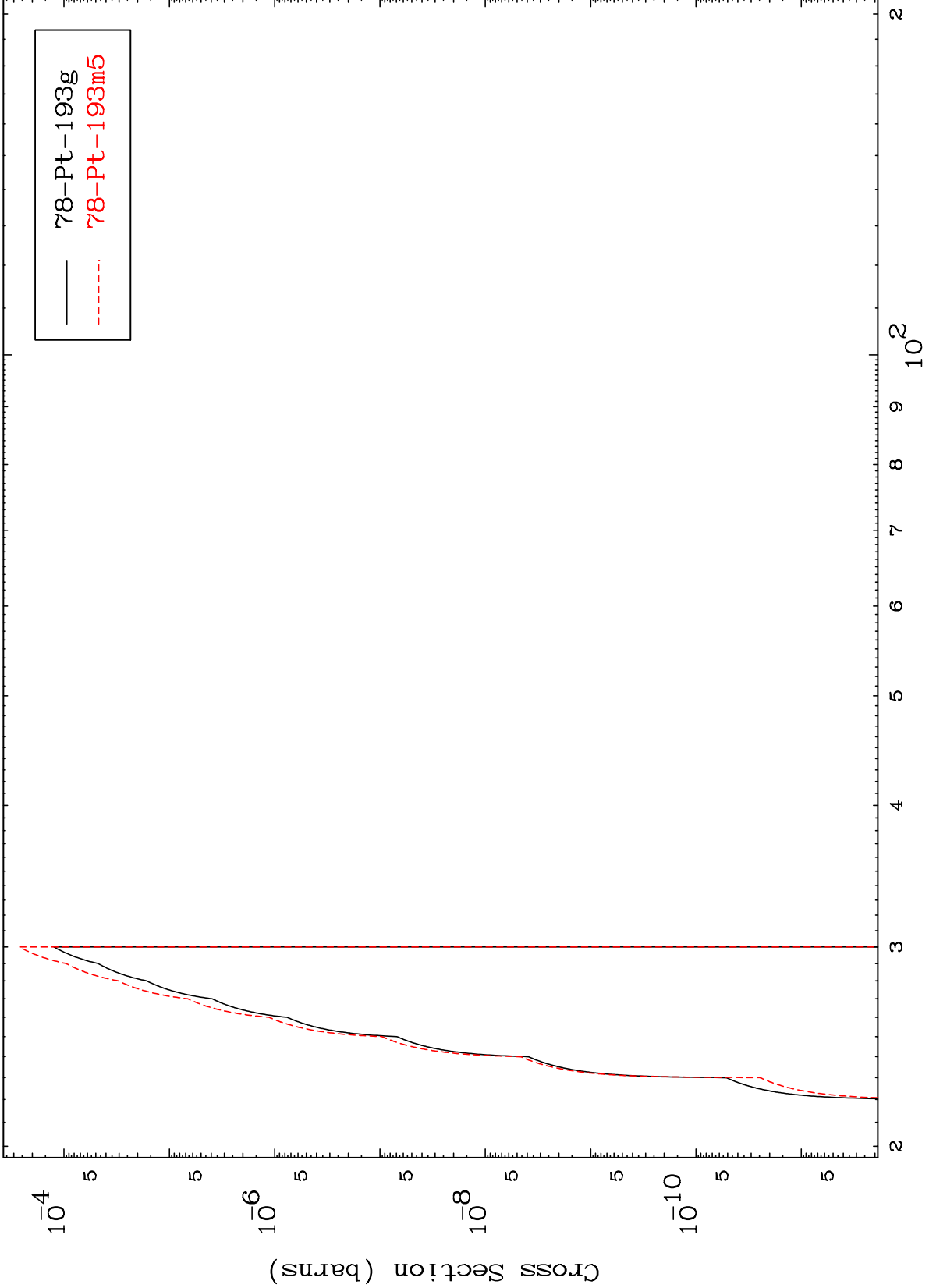
⁷⁹Au-196

MAT 7922

(n,3n) p

79-Au-196

Radionuclide Production Cross Section

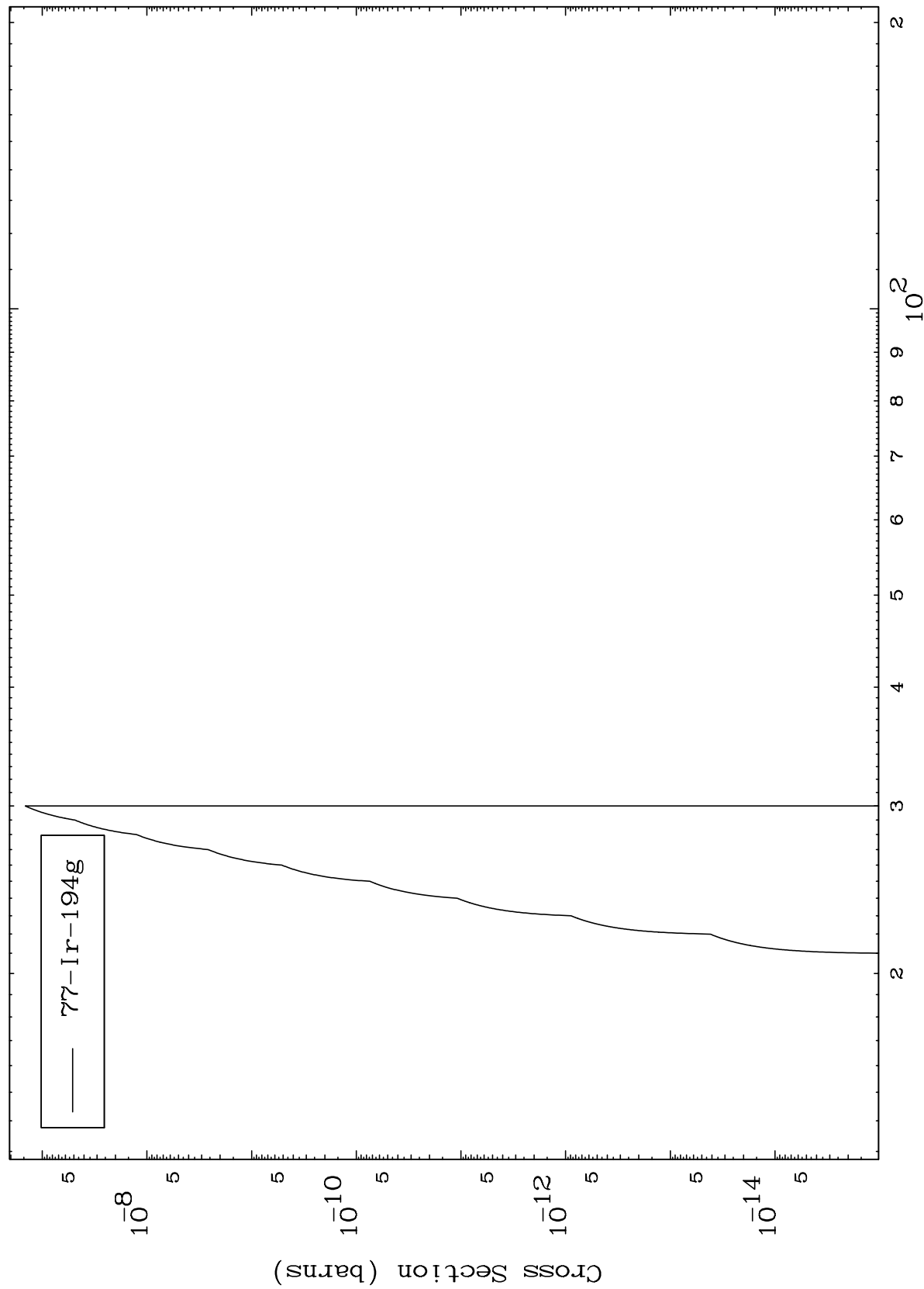


127

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section

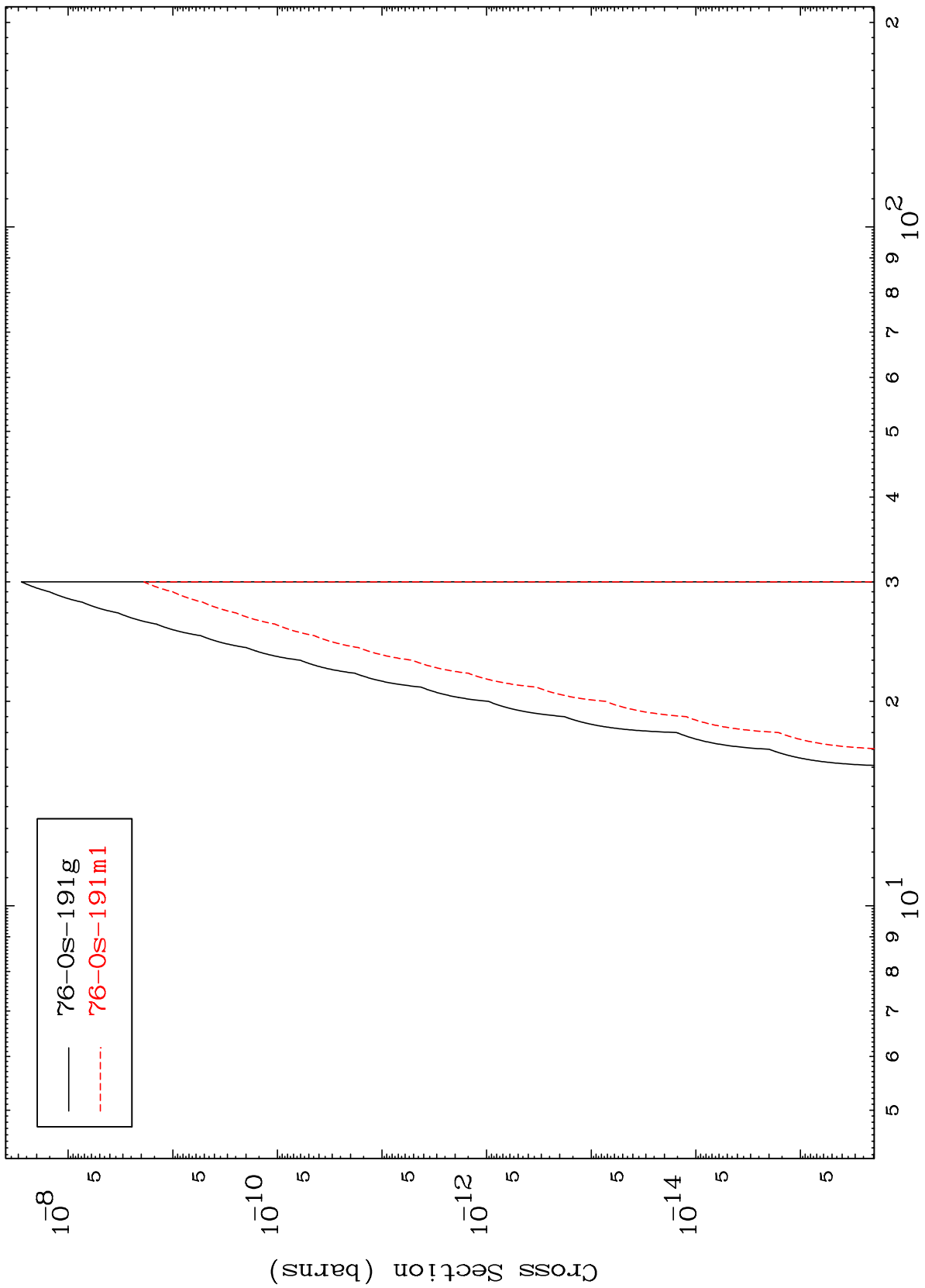


MAT 7922

(n,n') p α

79-Au-196

Radionuclide Production Cross Section



129

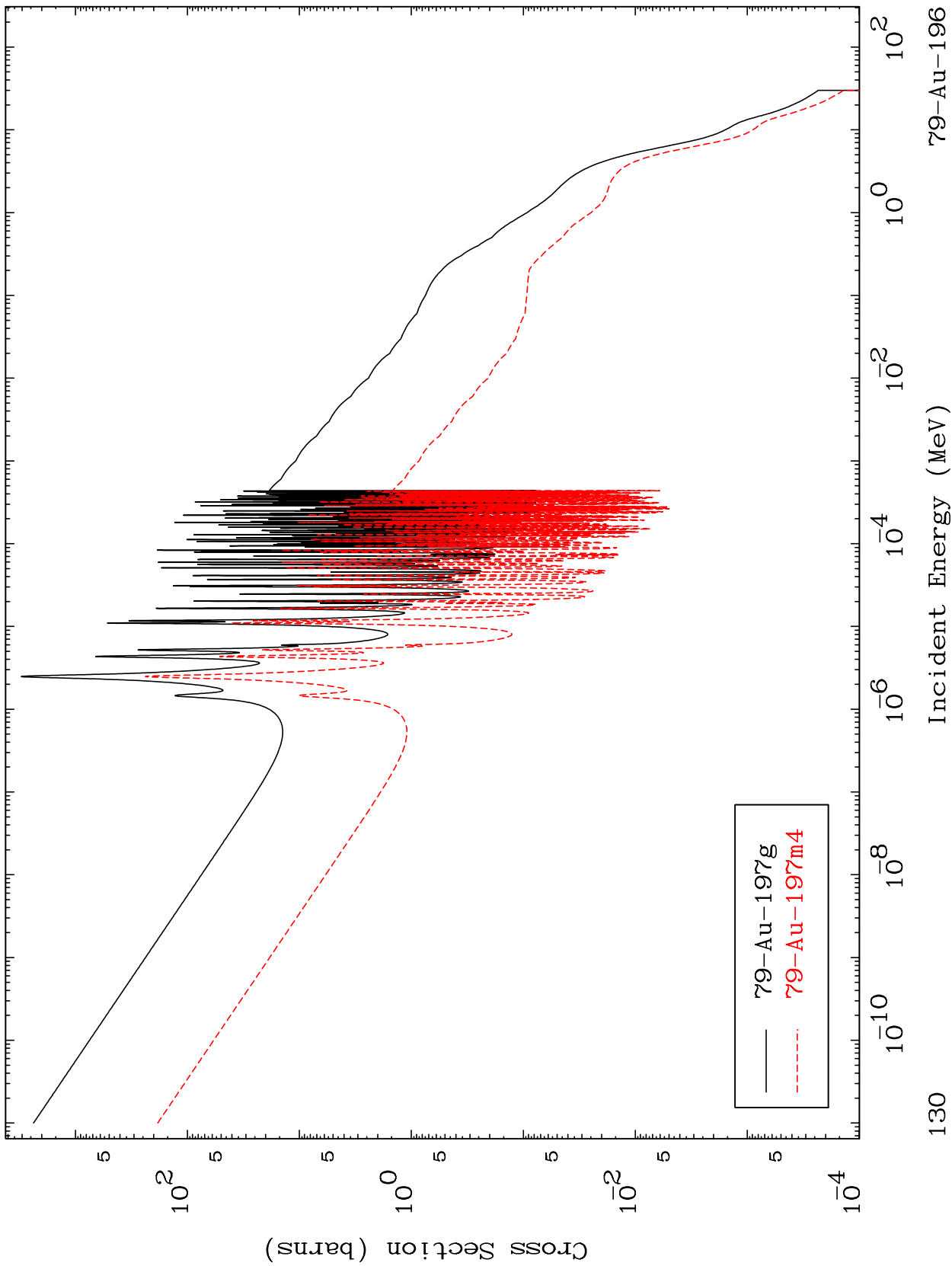
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

(n, γ)
Radionuclide Production Cross Section



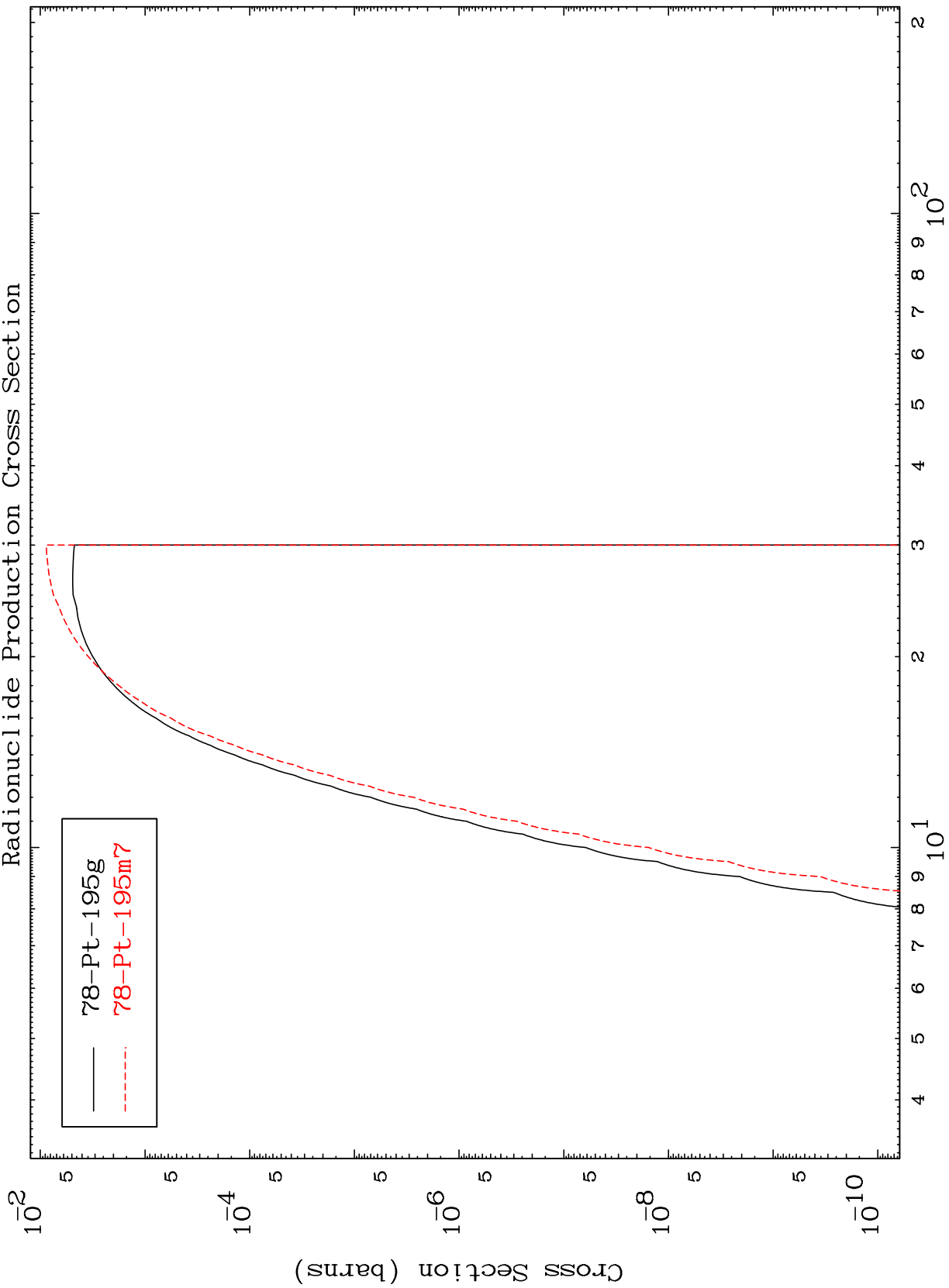
130

79-Au-196

MAT 7922

79-Au-196

(n,d)
Radionuclide Production Cross Section

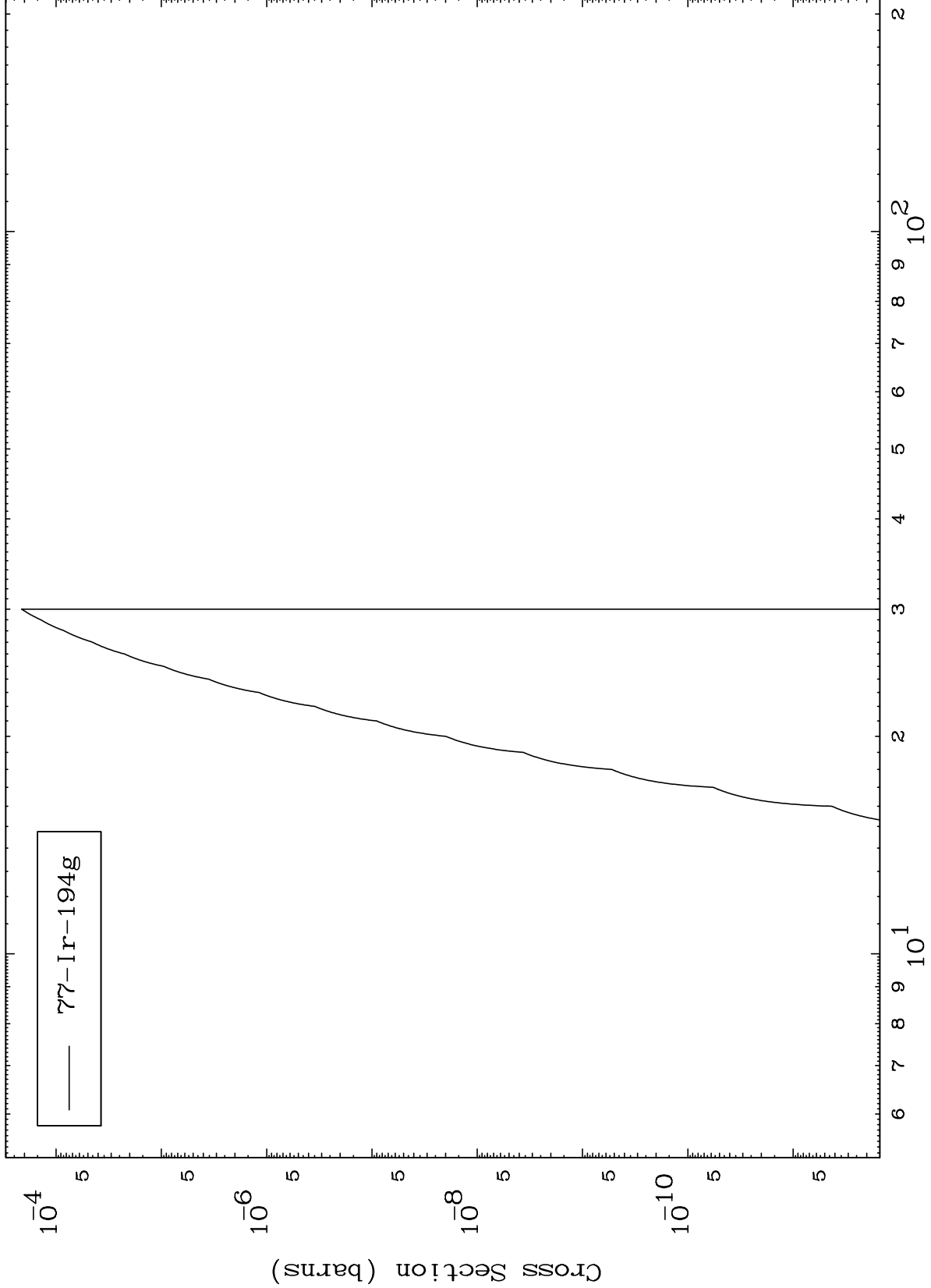


79-Au-196

Incident Energy (MeV)

131

Radionuclide Production Cross Section

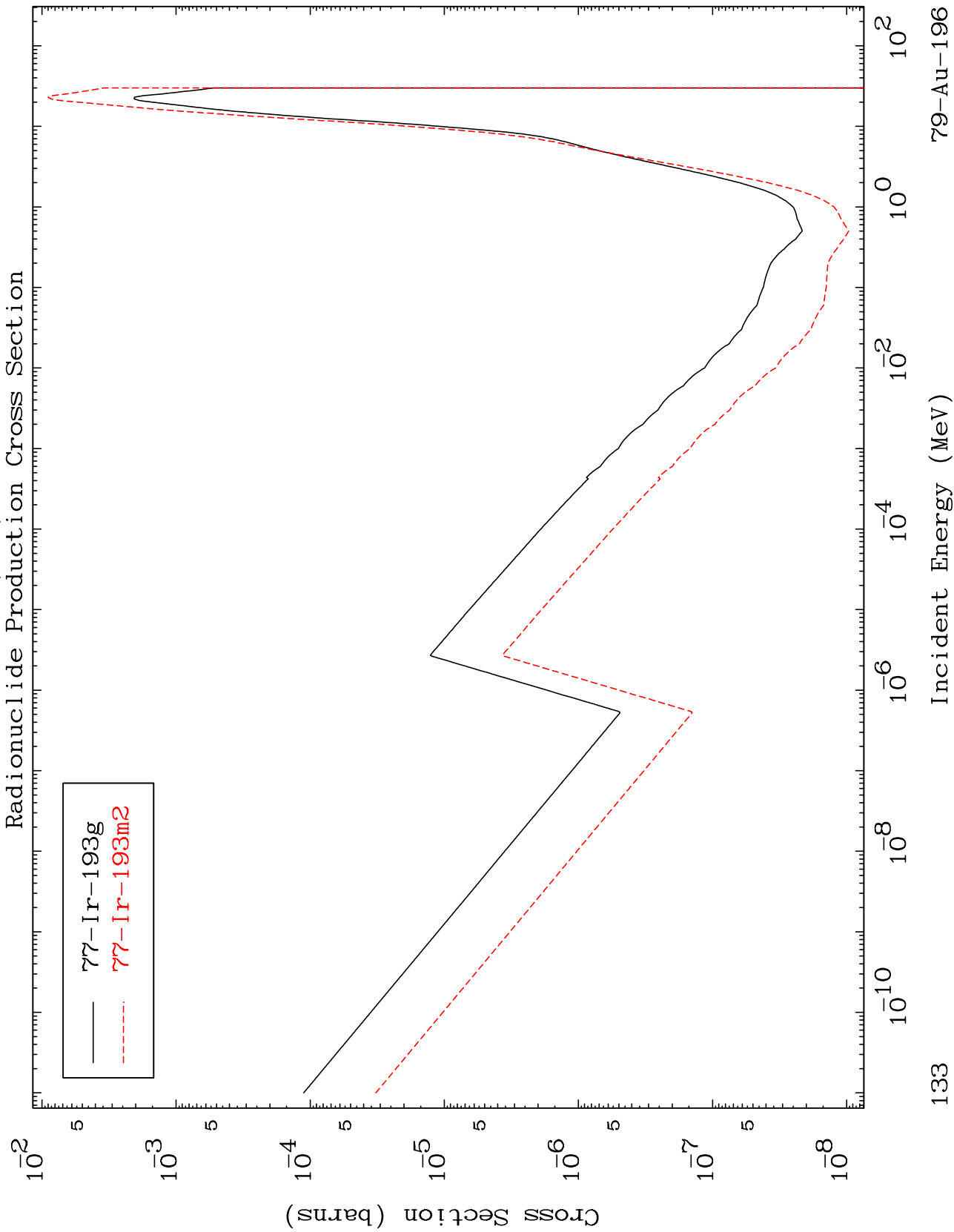


MAT 7922

(n, α)

79-Au-196

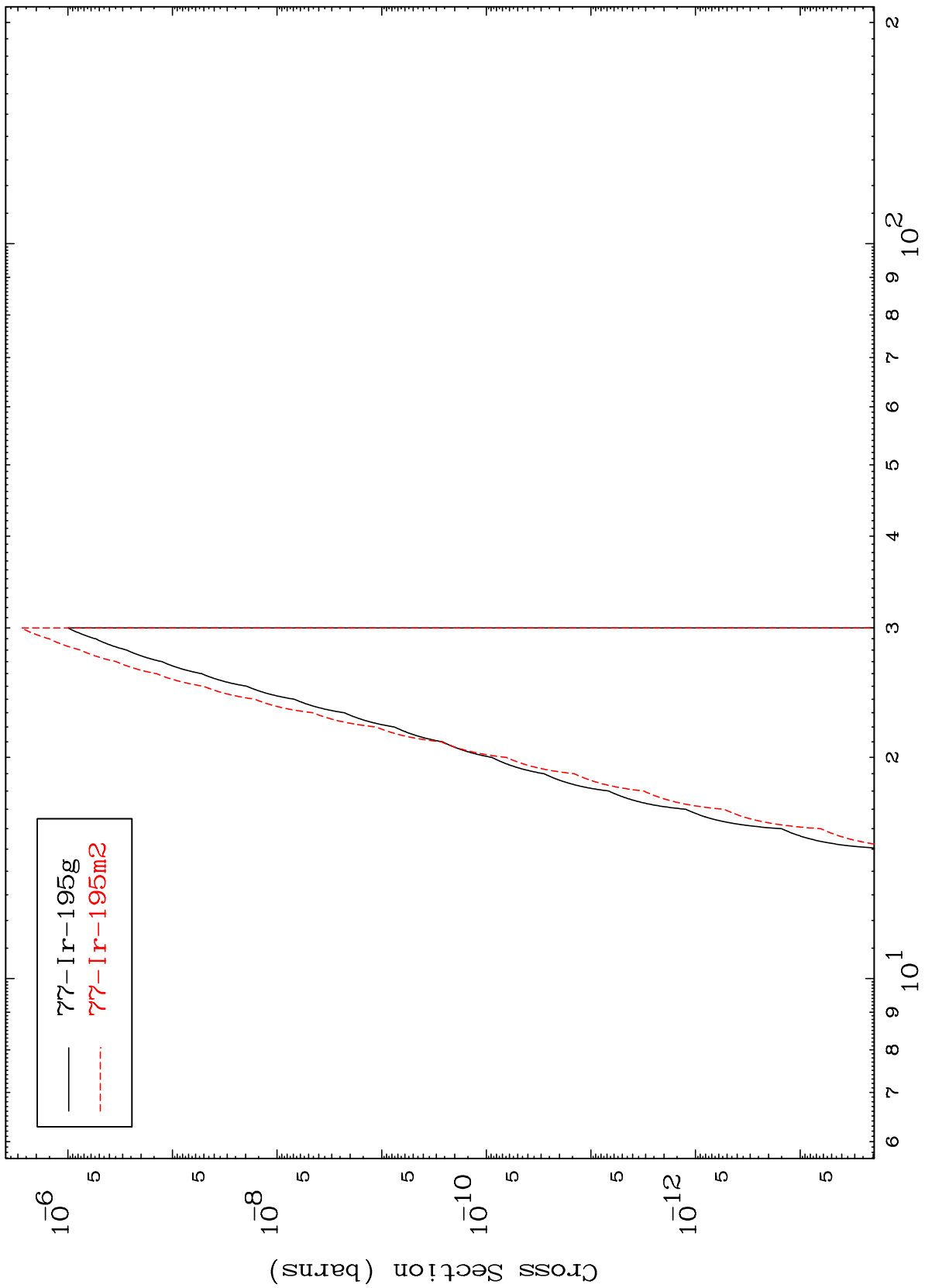
Radionuclide Production Cross Section



MAT 7922

79-Au-196

(n,2p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-195g}$
- - - $^{77}\text{Ir-195m2}$

134

Incident Energy (MeV)

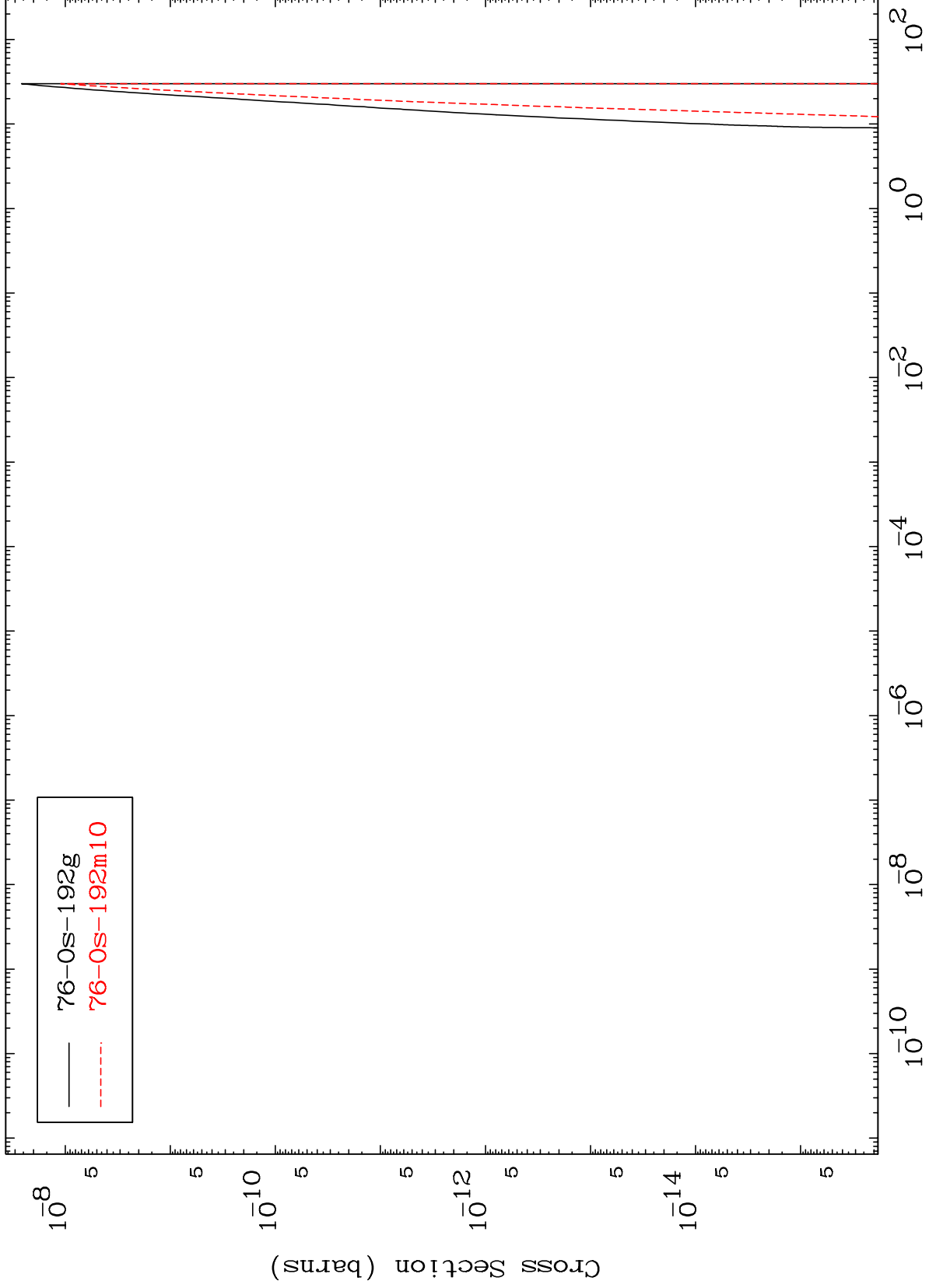
79-Au-196

MAT 7922

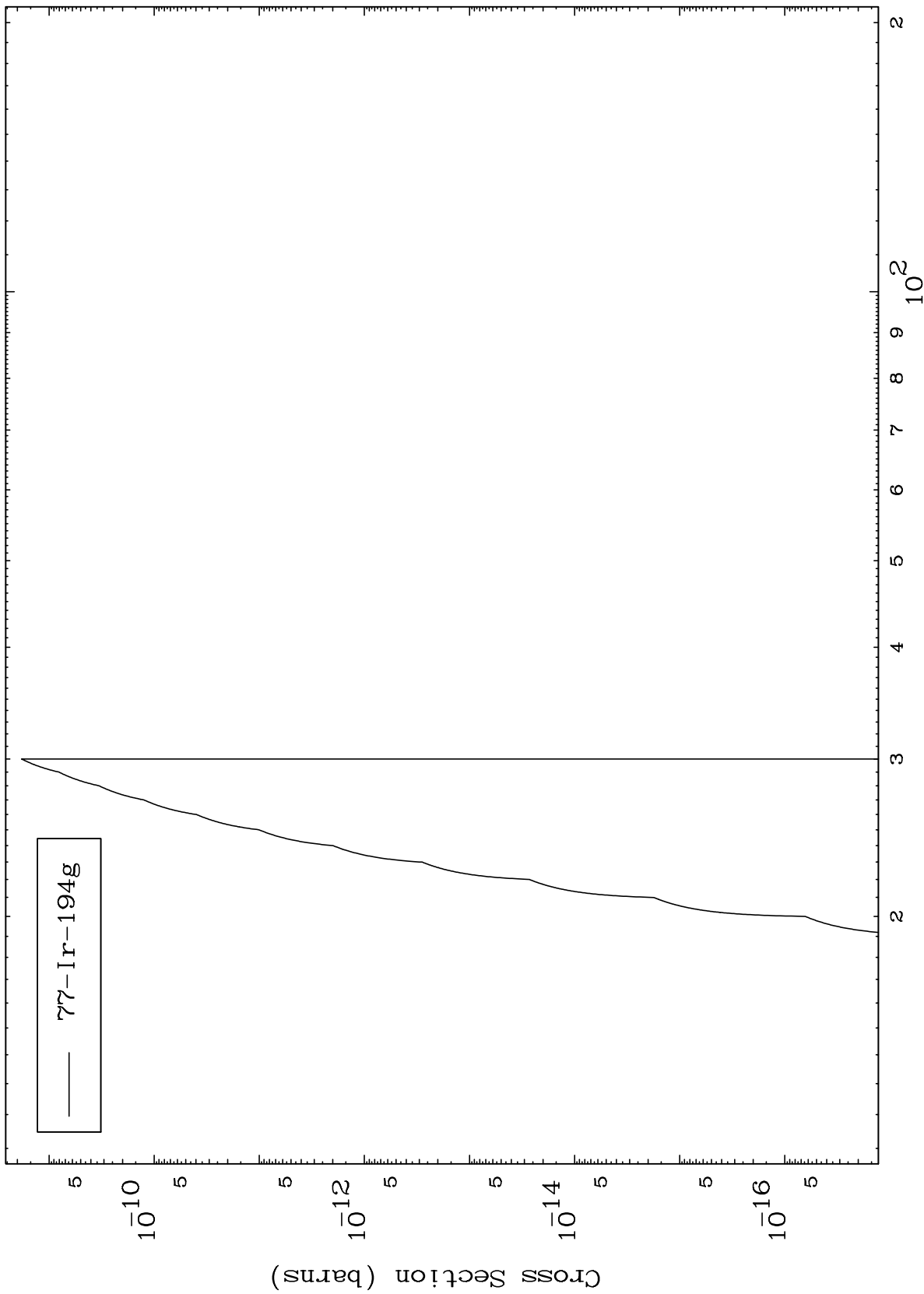
(n,p) α

⁷⁹Au-196

Radionuclide Production Cross Section



Radionuclide Production Cross Section

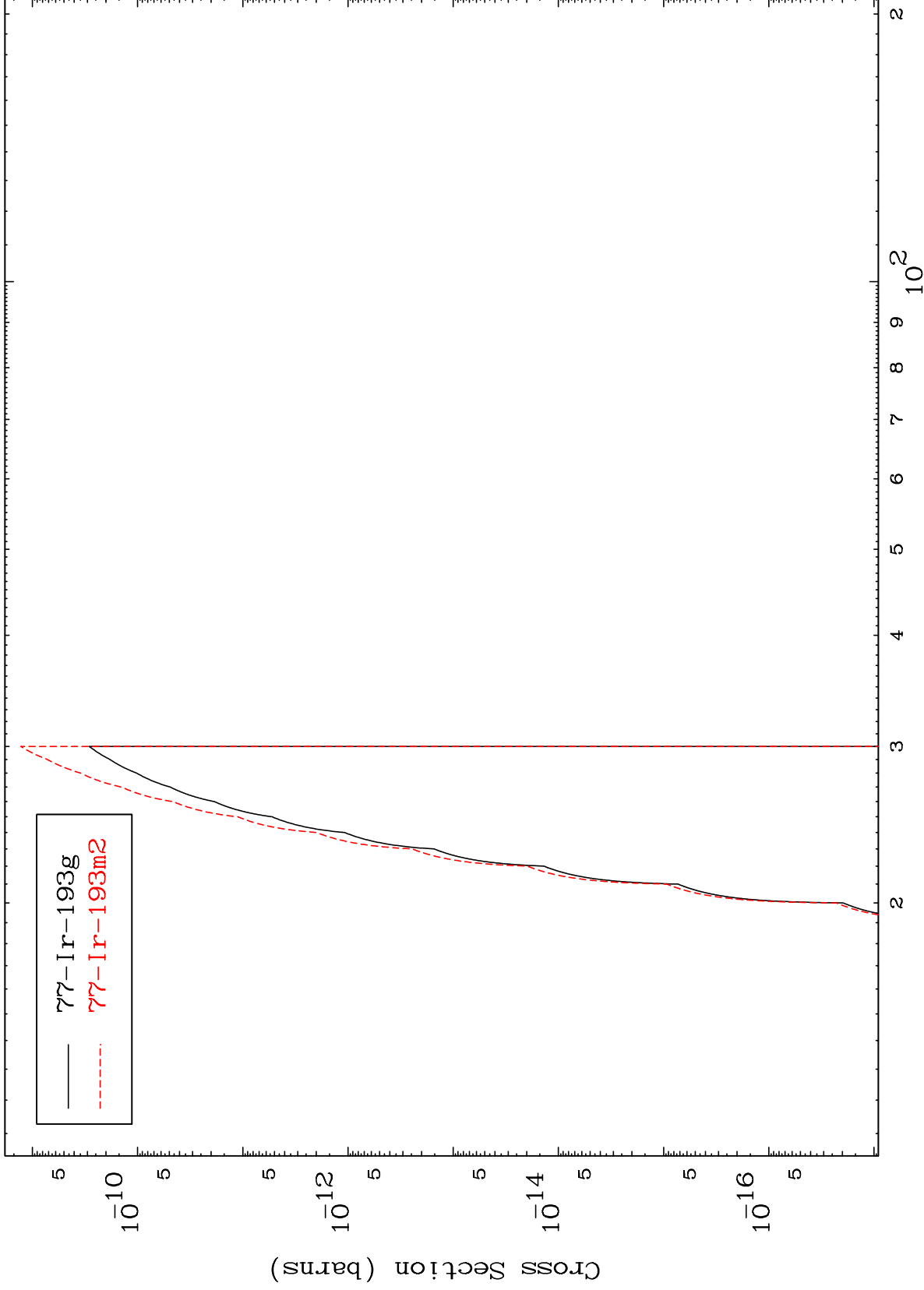


MAT 7922

(n,p) t

79-Au-196

Radionuclide Production Cross Section



137

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section

