

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

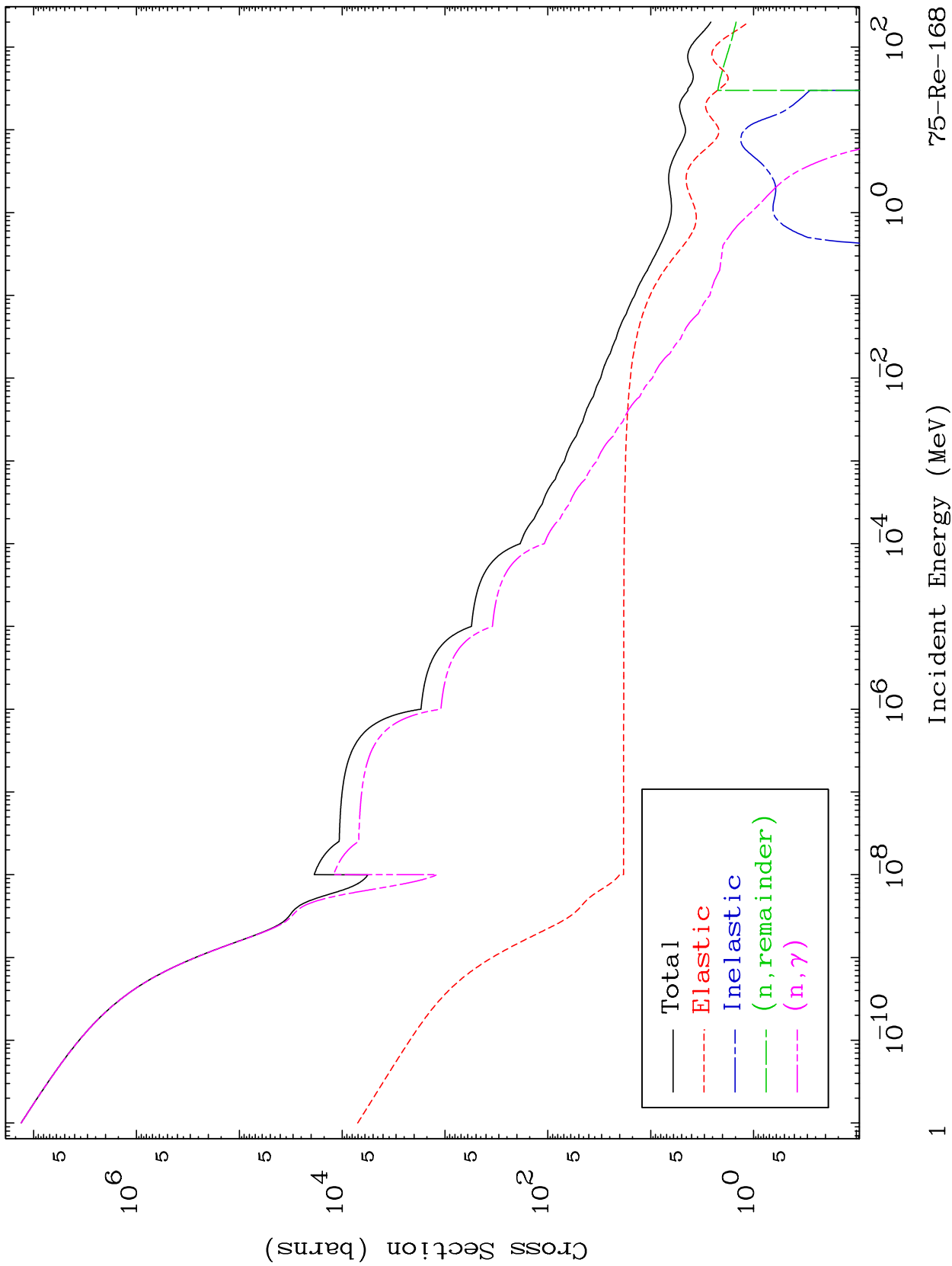
Press Mouse Button to Start

MAT 7474

Major

293 Kelvin Cross Sections

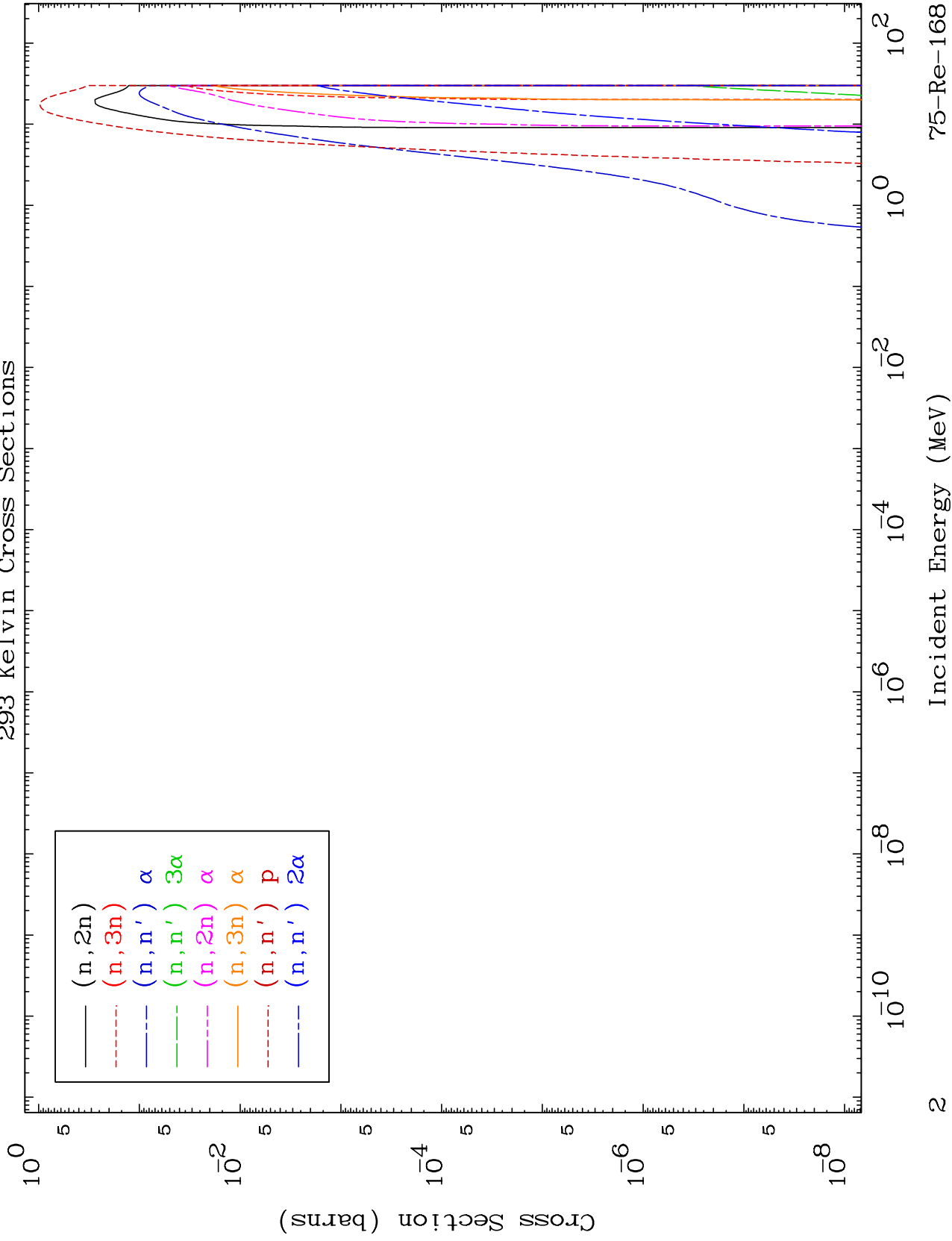
75-Re-168



MAT 7474

Neutron Production
293 Kelvin Cross Sections

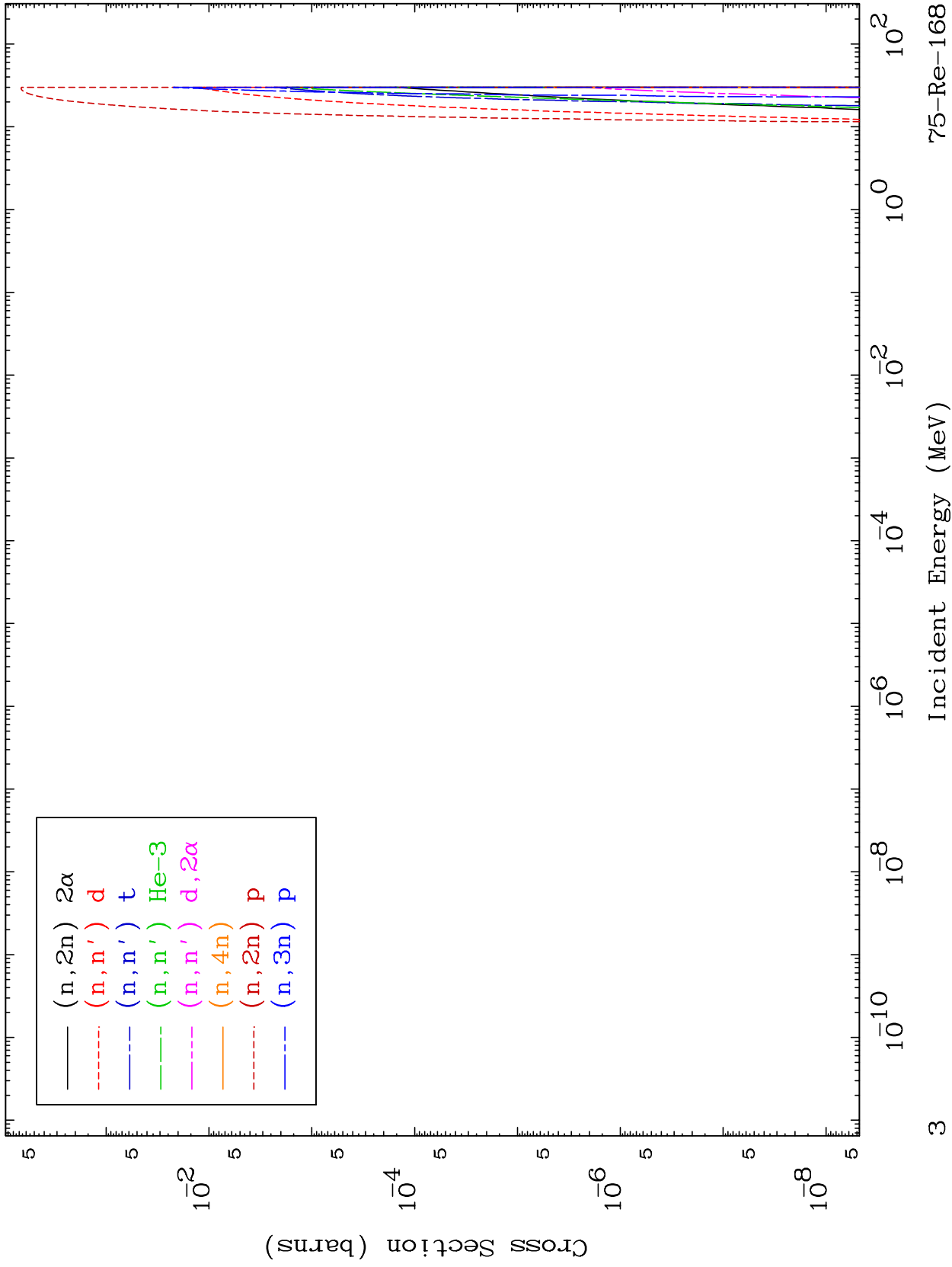
75-Re-168



MAT 7474

Neutron Production
293 Kelvin Cross Sections

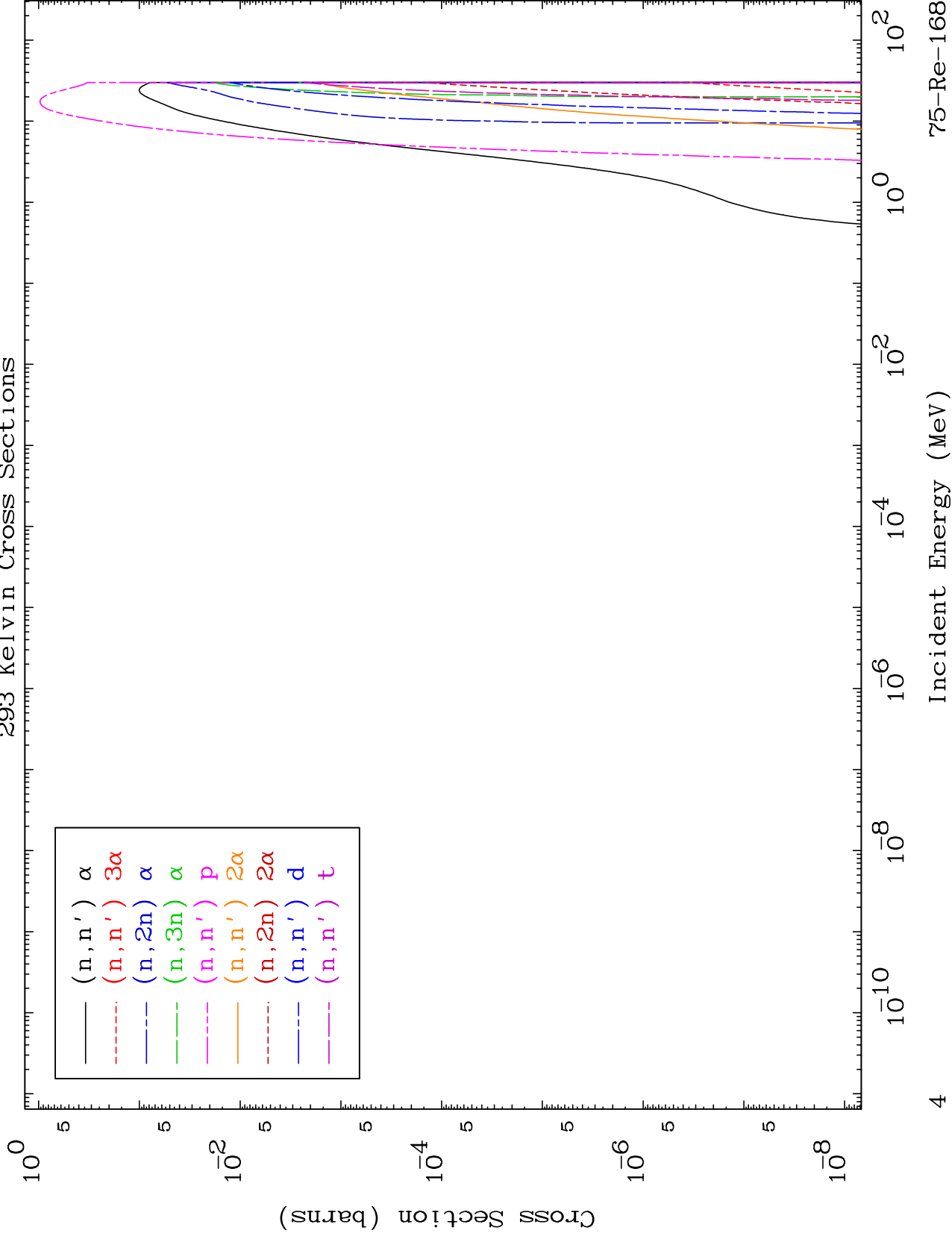
75-Re-168



MAT 7474

Charged Particle
293 Kelvin Cross Sections

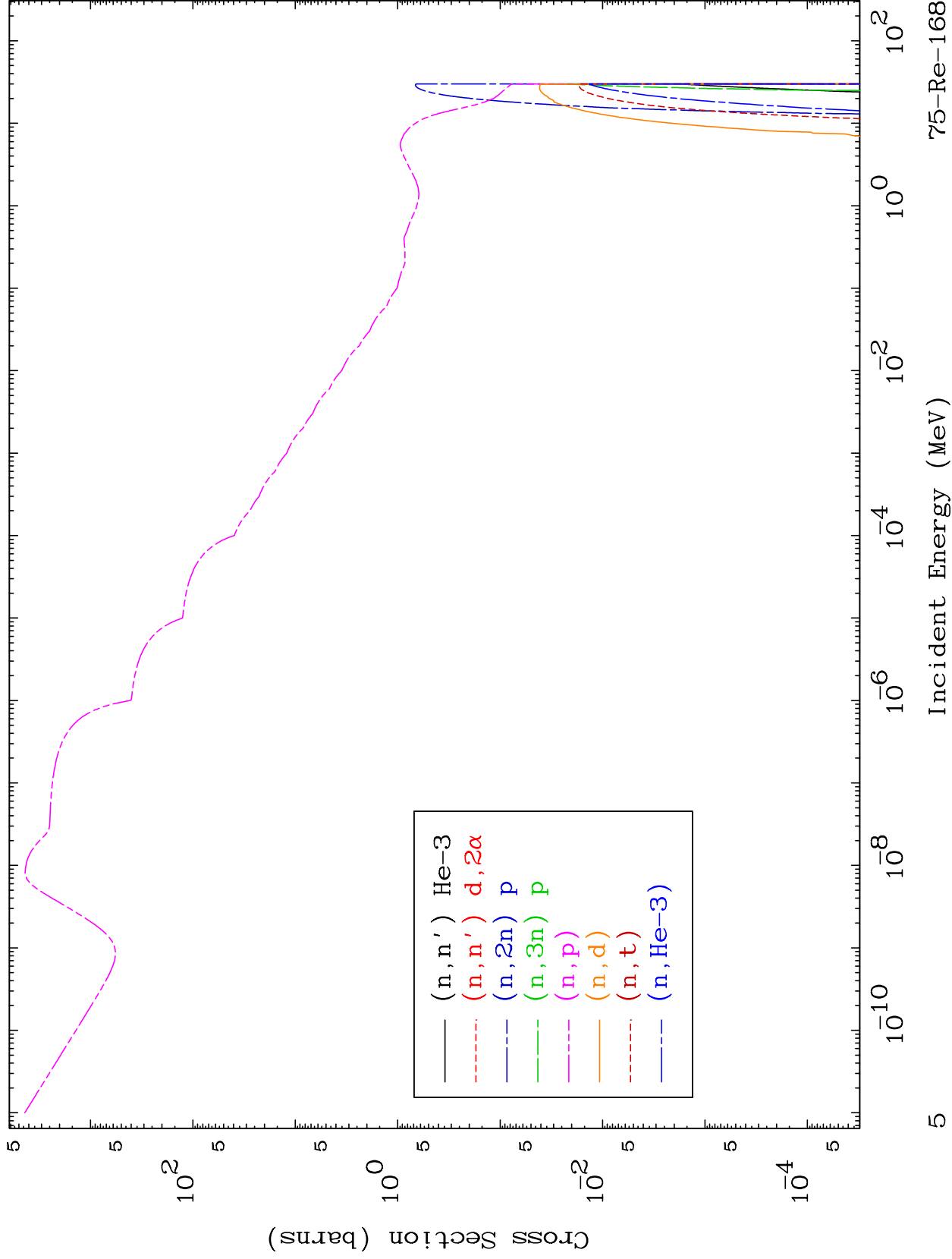
75-Re-168

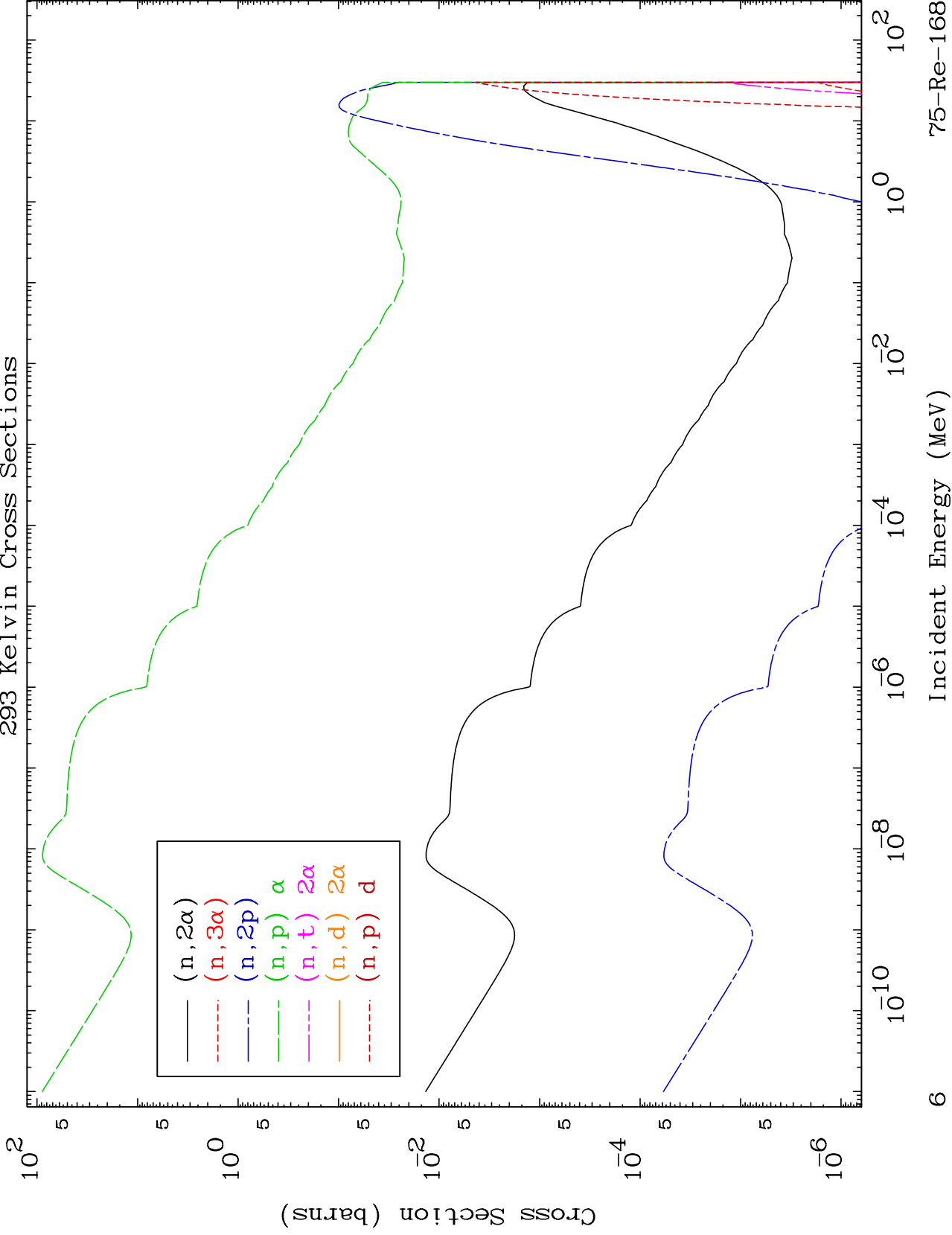


MAT 7474

Charged Particle
293 Kelvin Cross Sections

75-Re-168

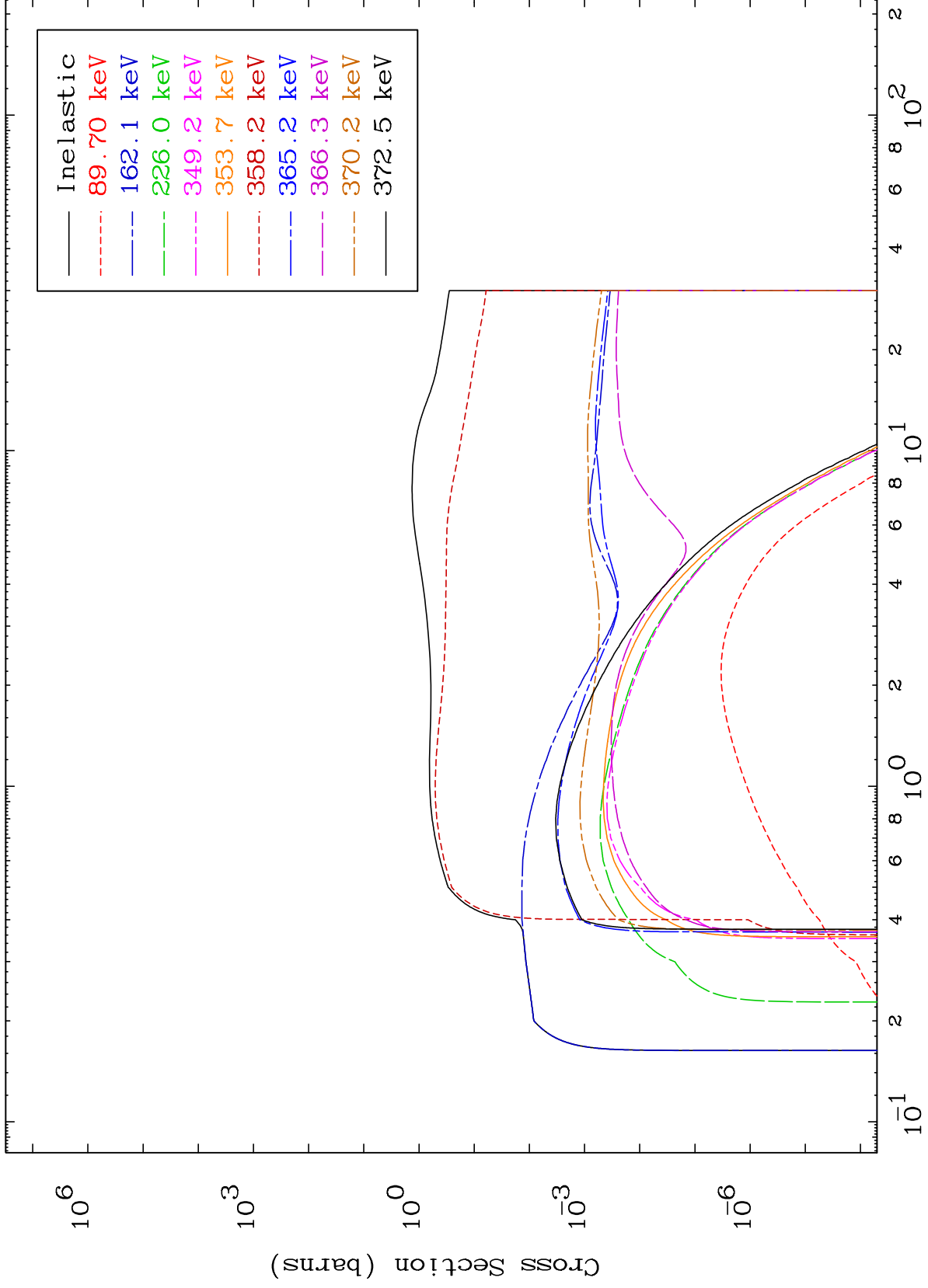




MAT 7474

(n,n') Level
293 Kelvin Cross Sections

75-Re-168



7

Incident Energy (MeV)

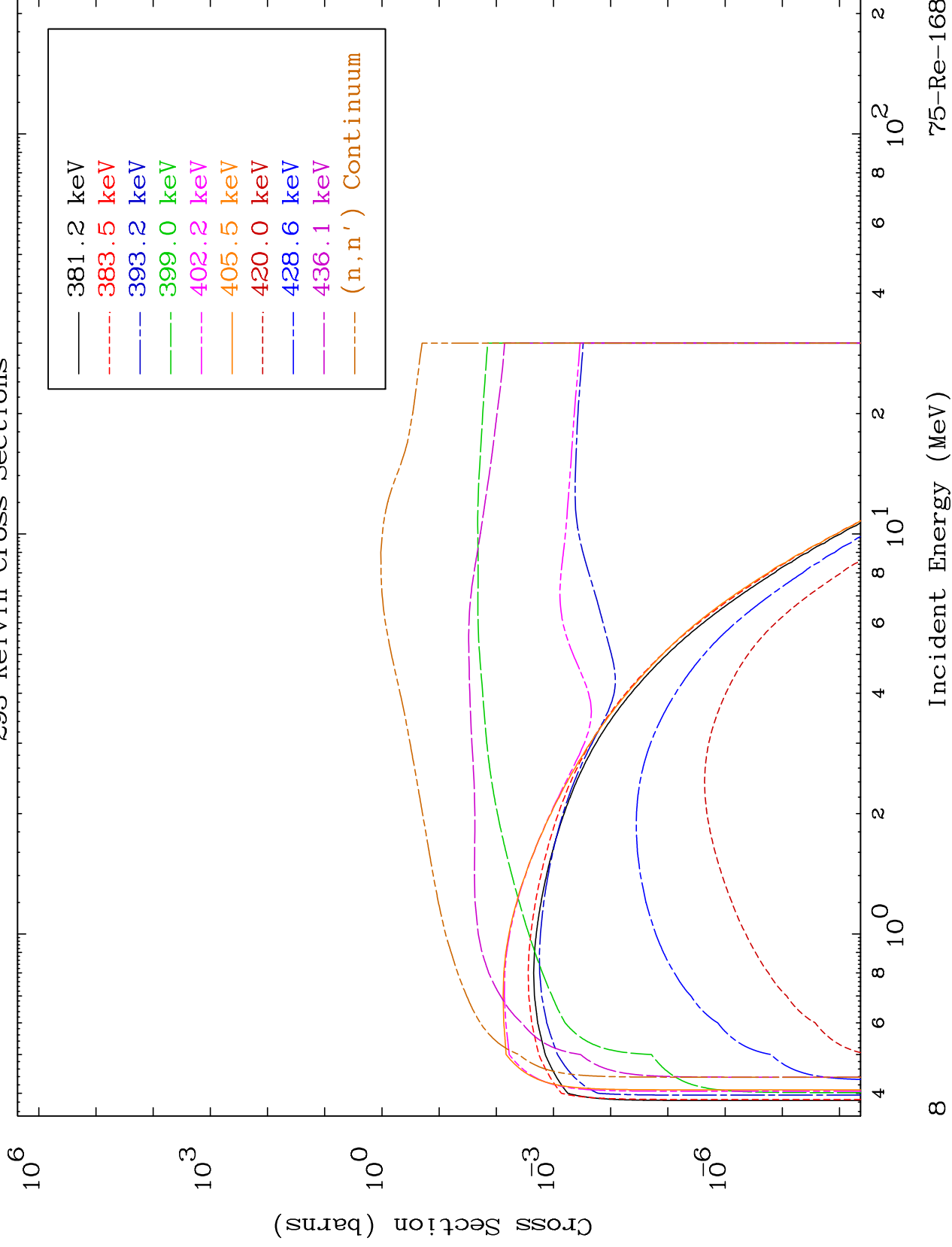
75-Re-168

MAT 7474

(n,n') Level

75-Re-168

293 Kelvin Cross Sections



8

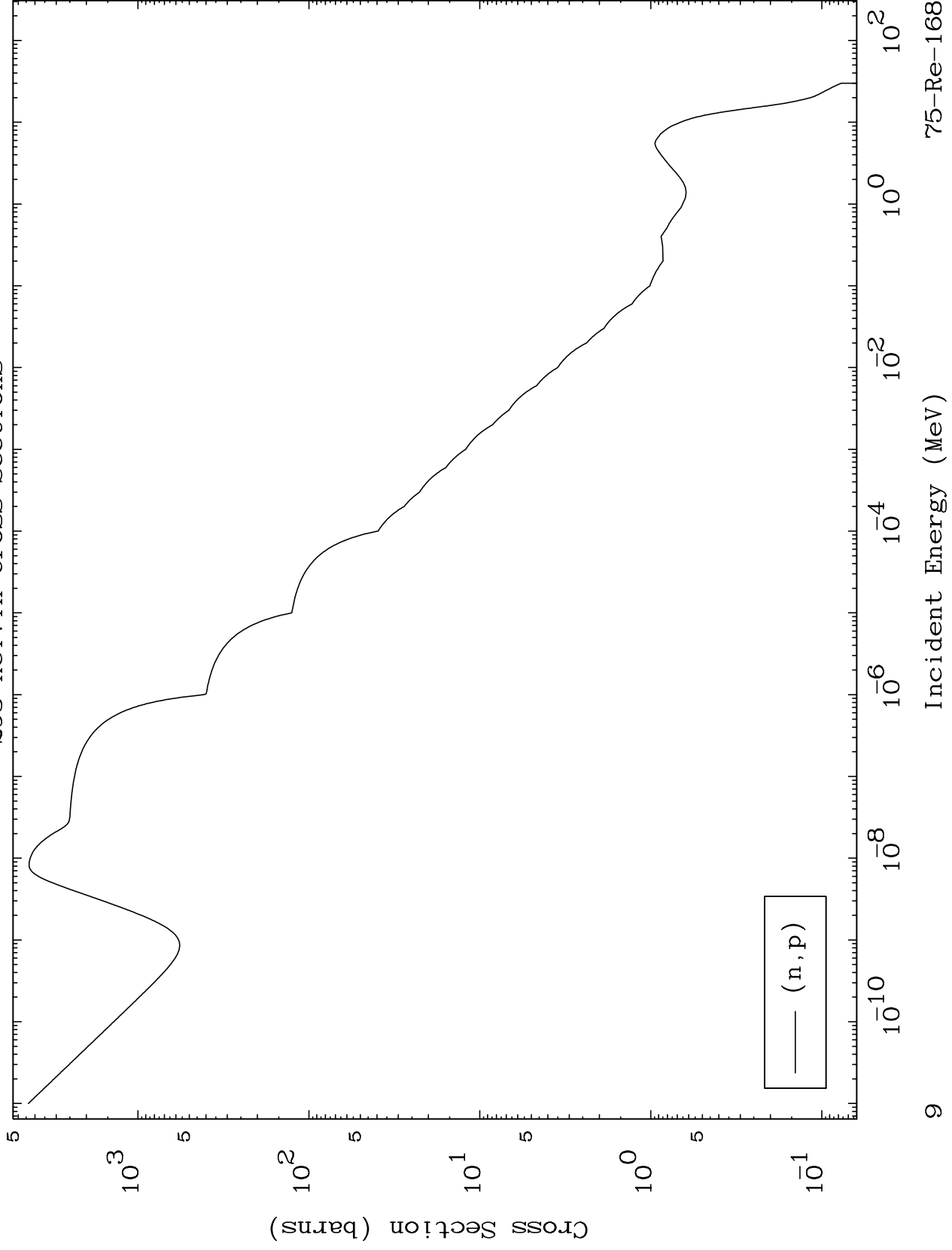
Incident Energy (MeV)

75-Re-168

MAT 7474

(n,p) Levels
293 Kelvin Cross Sections

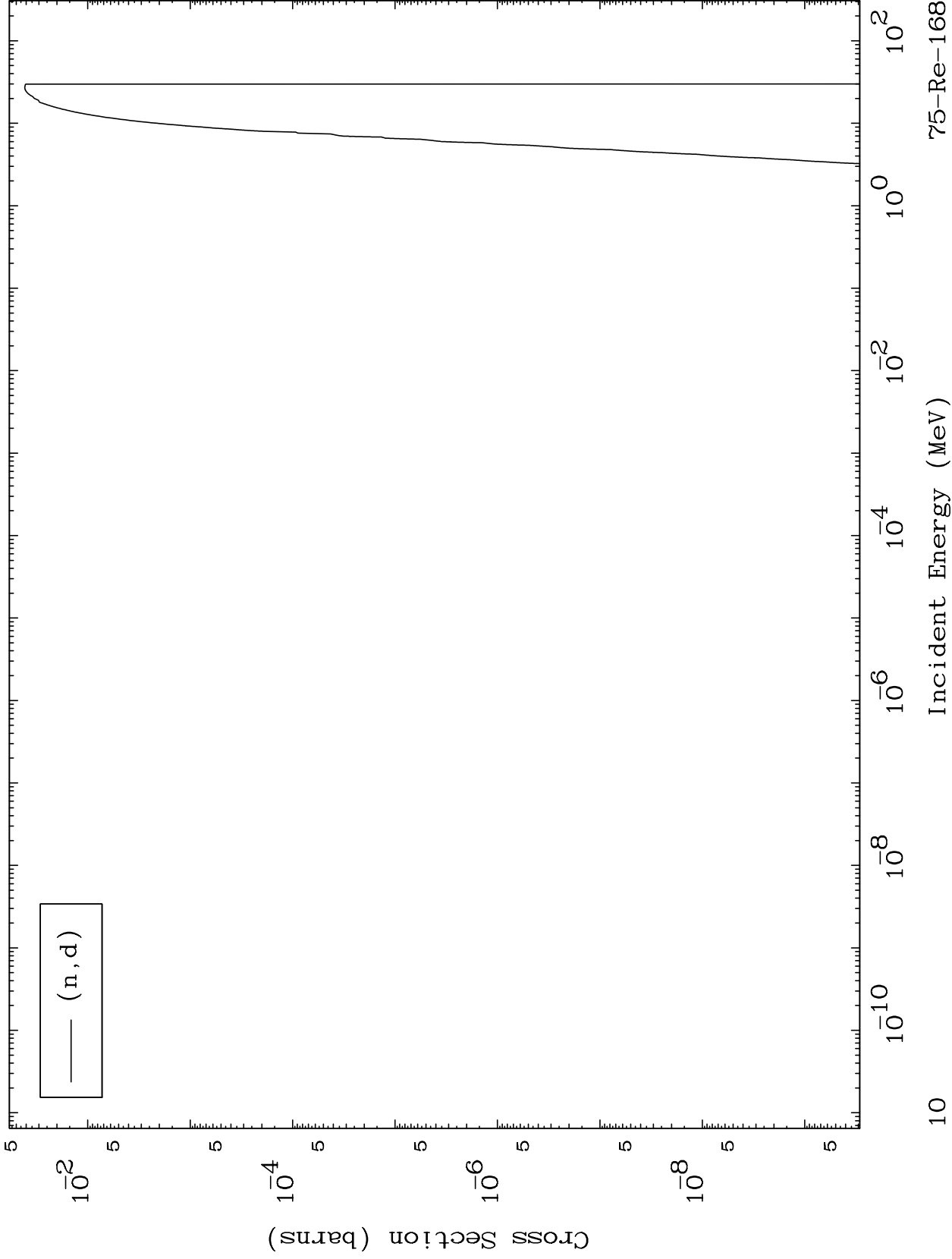
75-Re-168



MAT 7474

(n,d) Levels
293 Kelvin Cross Sections

75-Re-168



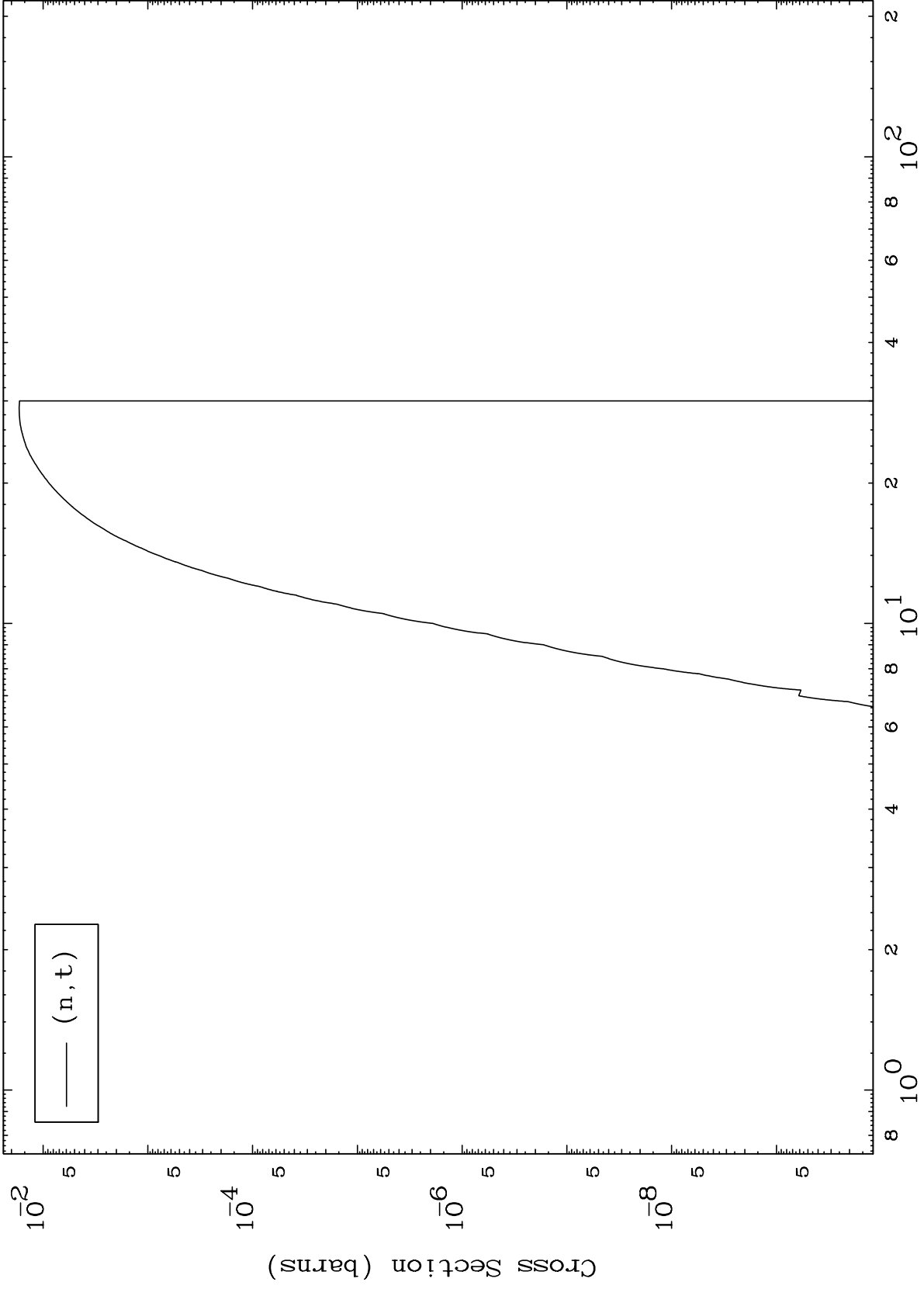
10

75-Re-168

MAT 7474

(n,t) Levels
293 Kelvin Cross Sections

75-Re-168



11

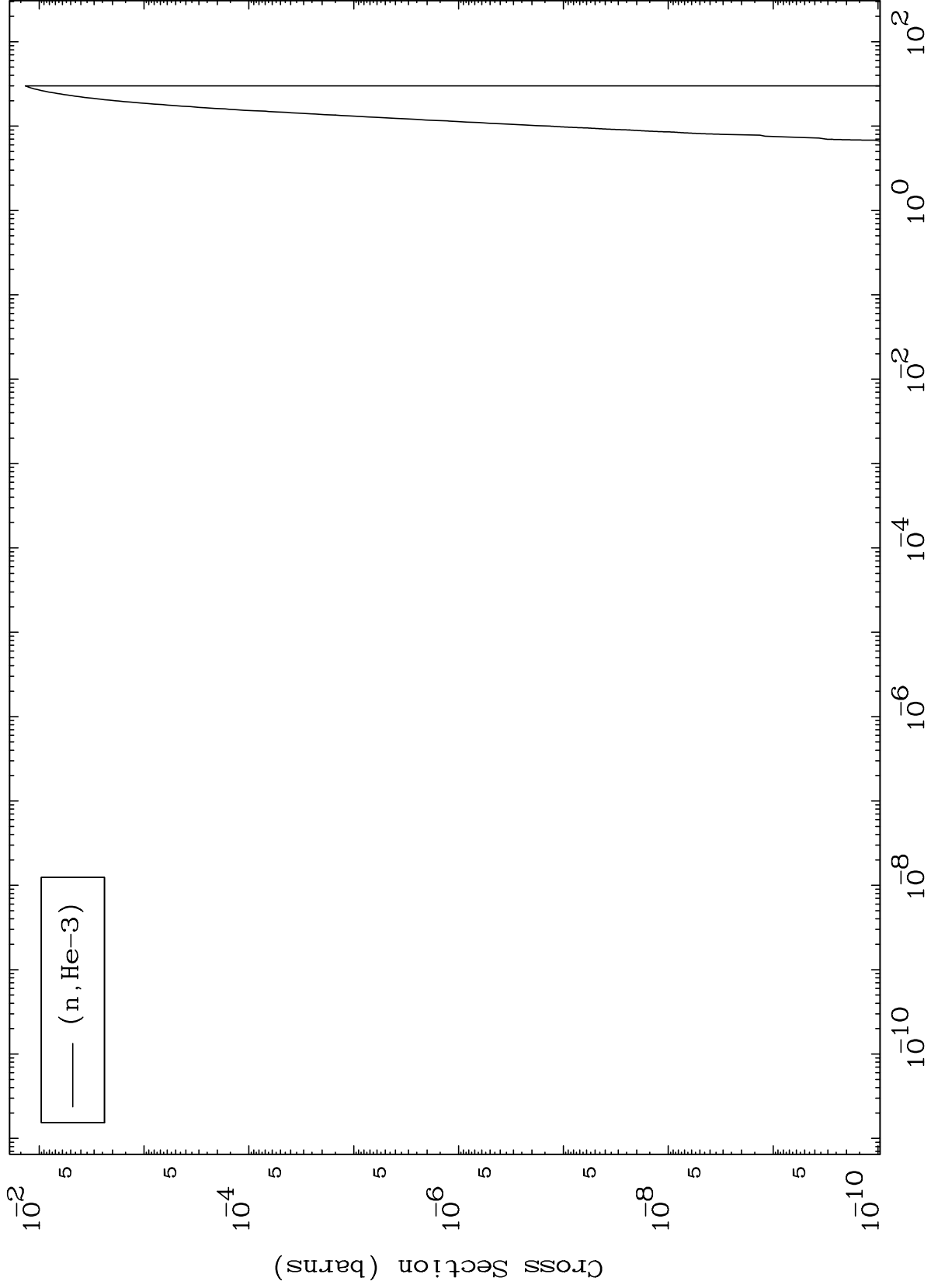
Incident Energy (MeV)

75-Re-168

MAT 7474

(n,He3) Levels
293 Kelvin Cross Sections

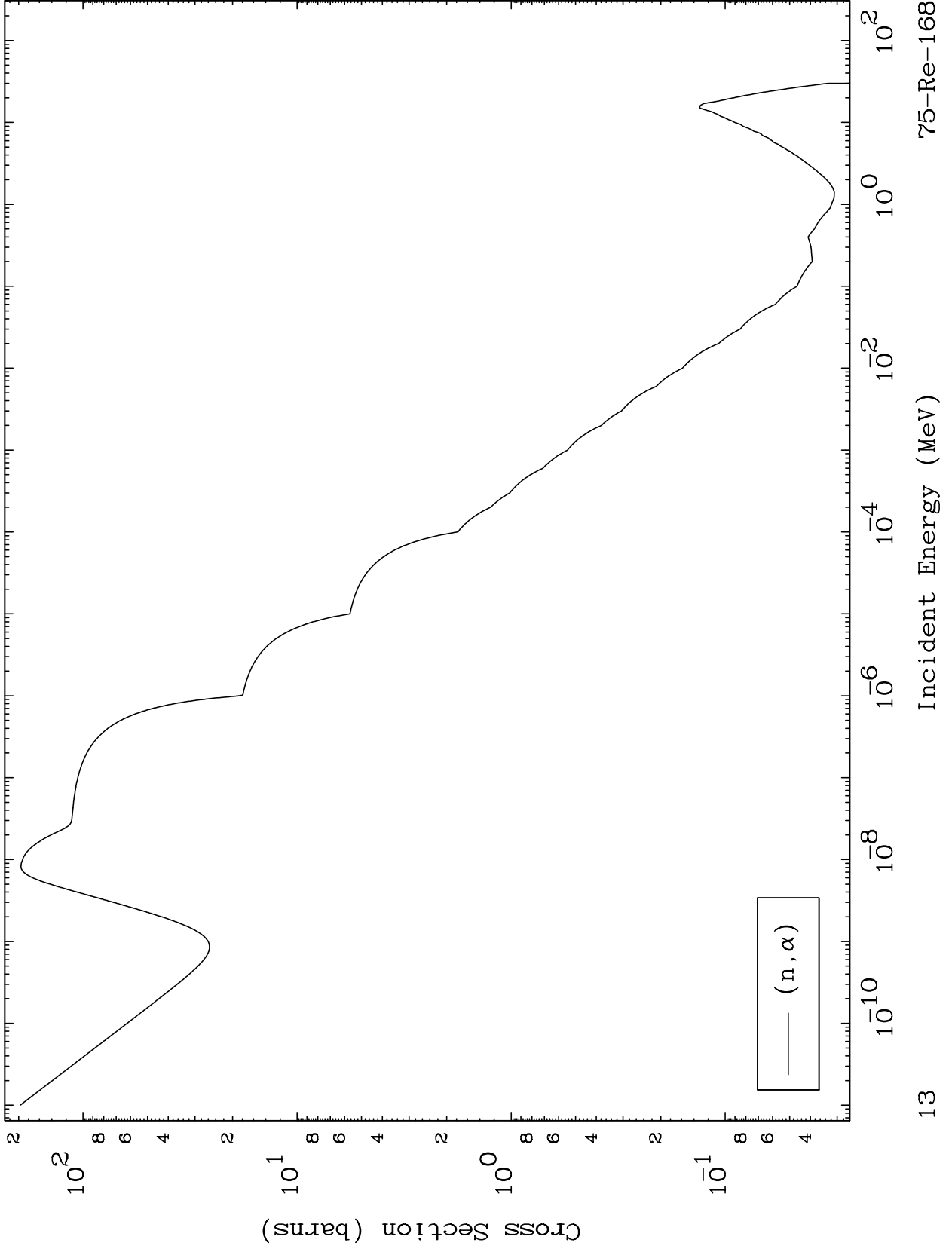
75-Re-168

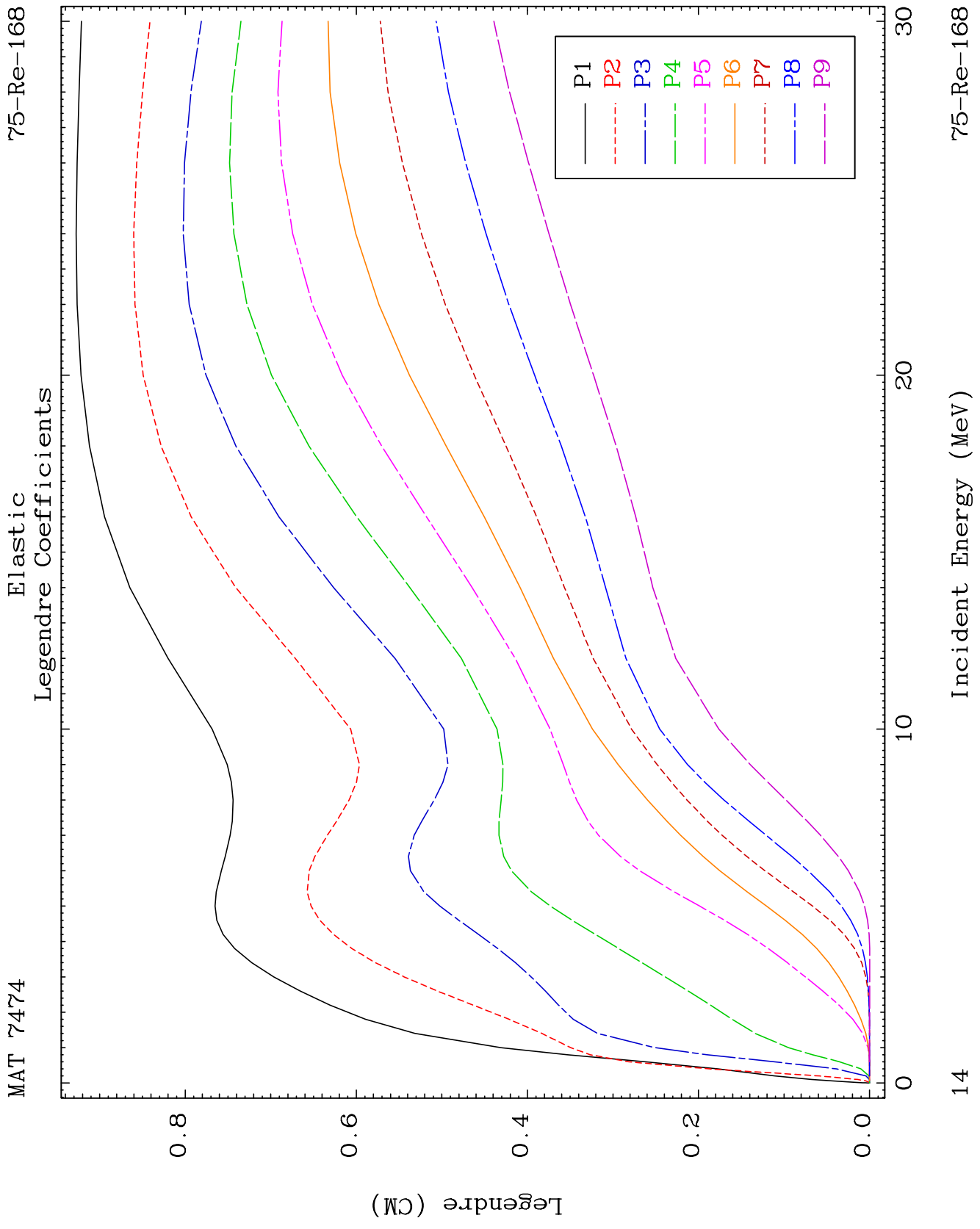


MAT 7474

(n,α) Levels
293 Kelvin Cross Sections

75-Re-168

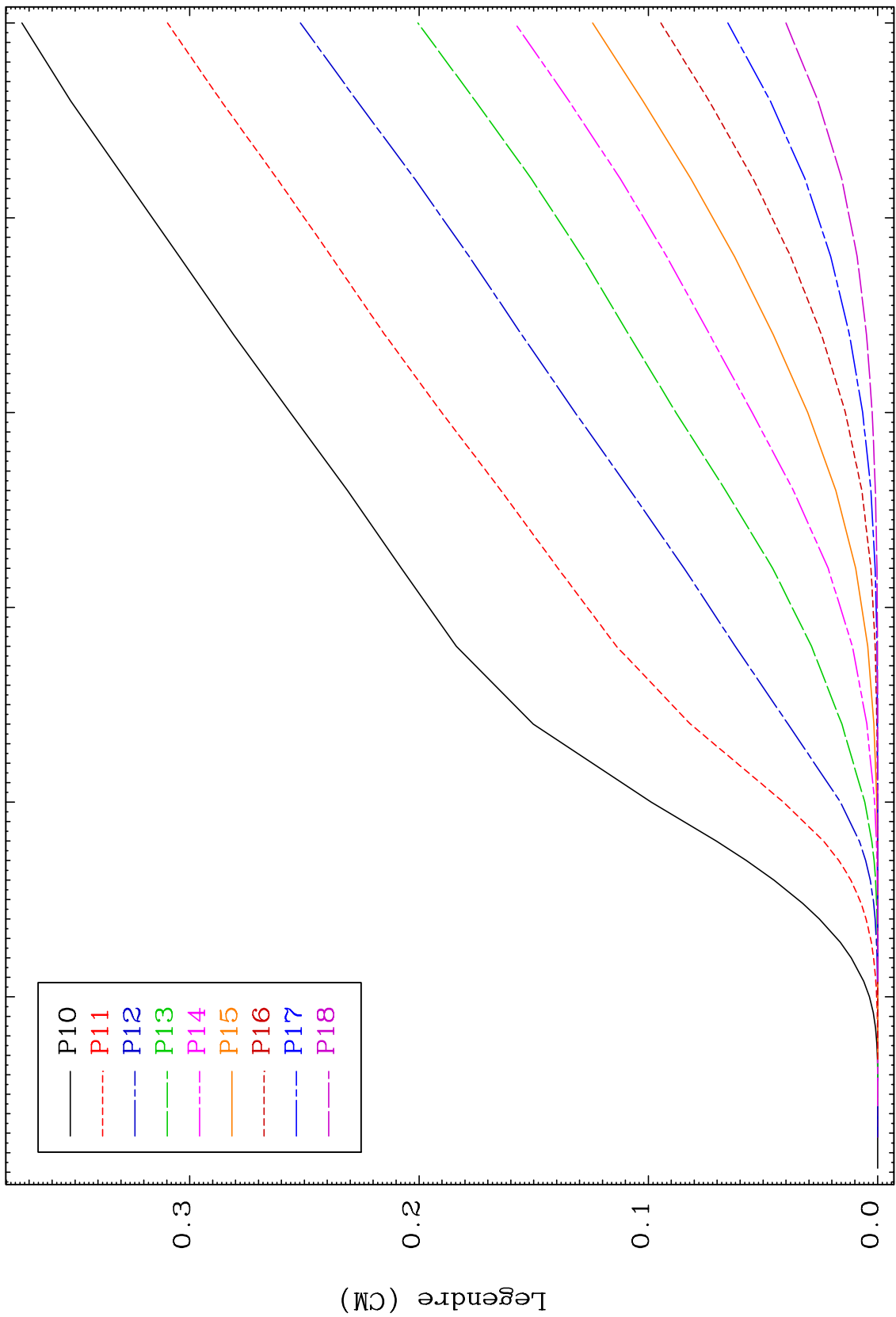




MAT 7474

Elastic Legendre Coefficients

75-Re-168



15

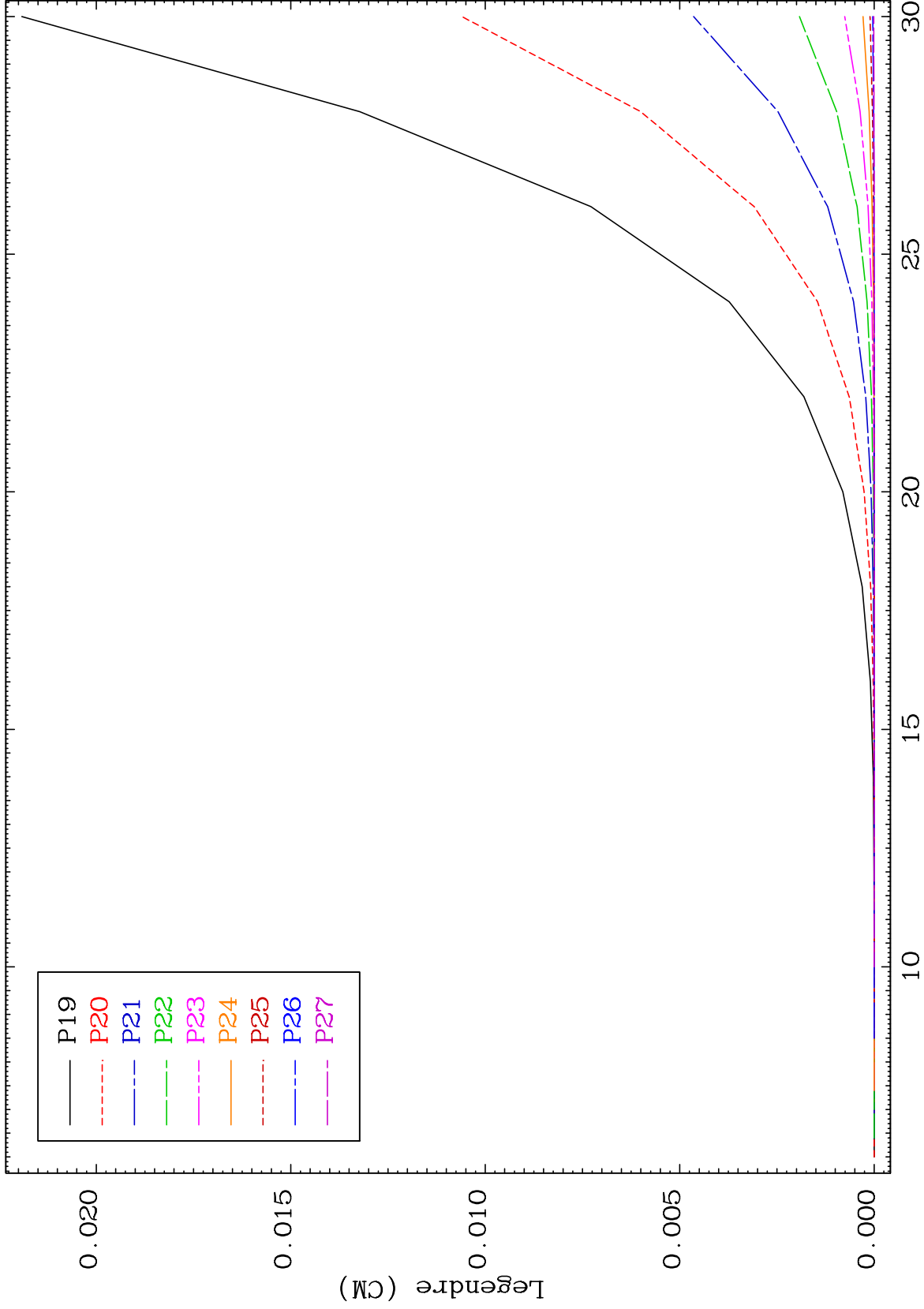
Incident Energy (MeV)

75-Re-168

MAT 7474

Elastic Legendre Coefficients

75-Re-168



16

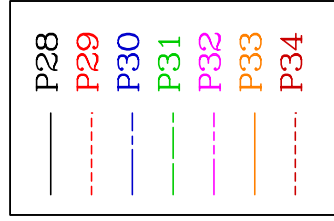
Incident Energy (MeV)

75-Re-168

MAT 7474

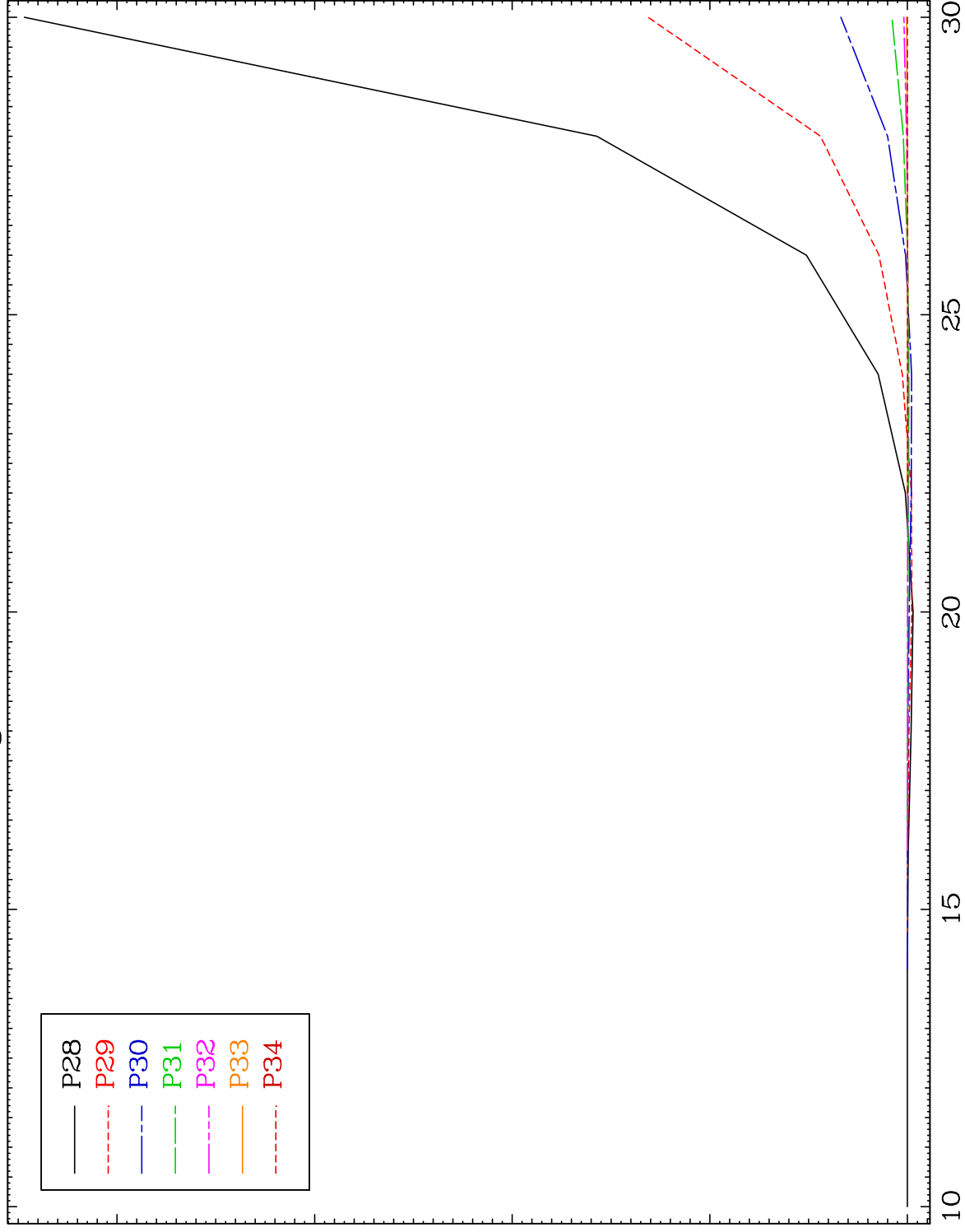
Elastic
Legendre Coefficients

75-Re-168



$\times 10^{-6}$

Legendre (CM)



10

Incident Energy (MeV)

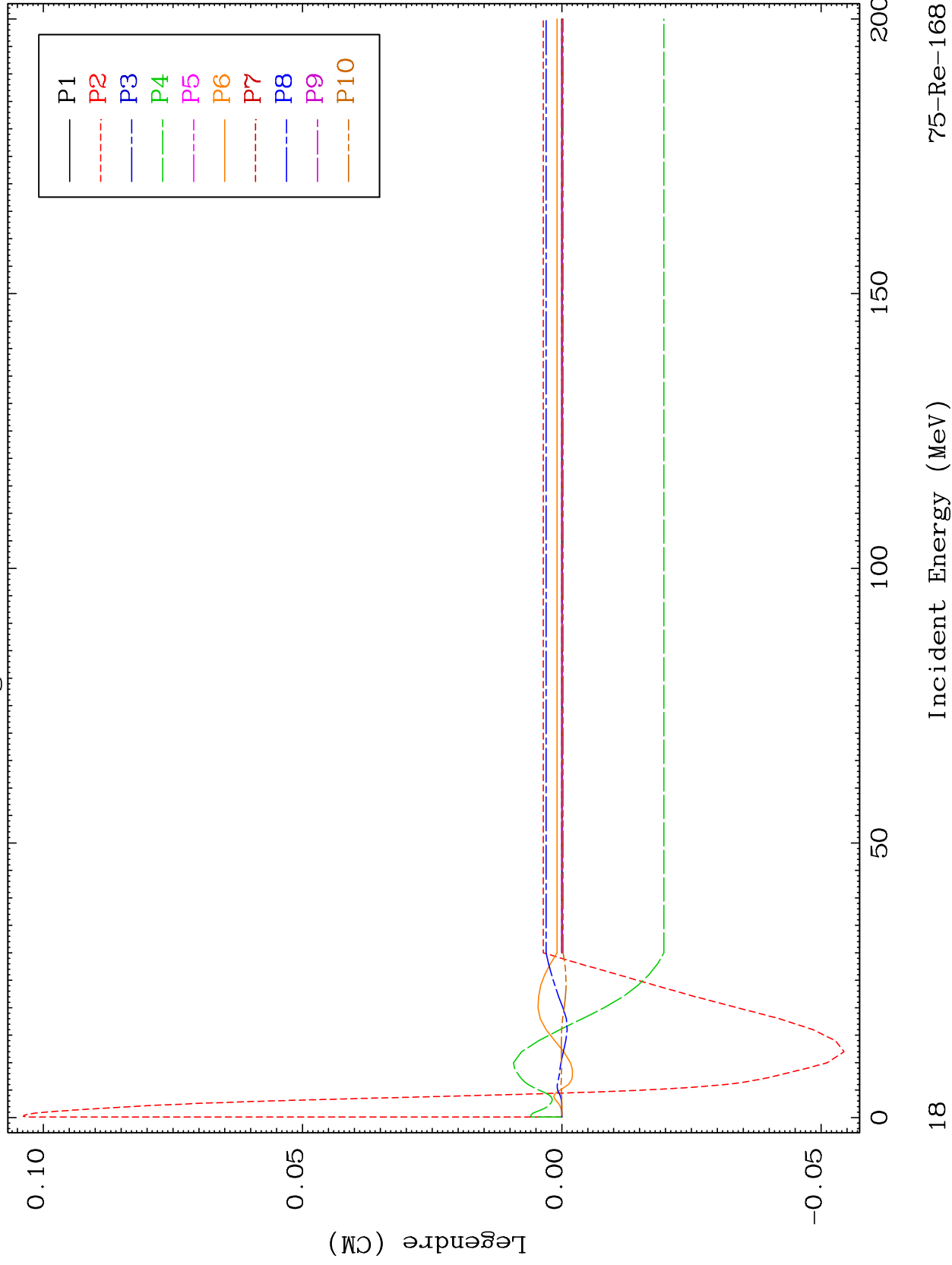
75-Re-168

17

MAT 7474

89.70 keV (n,n') Level
Legendre Coefficients

75-Re-168



75-Re-168

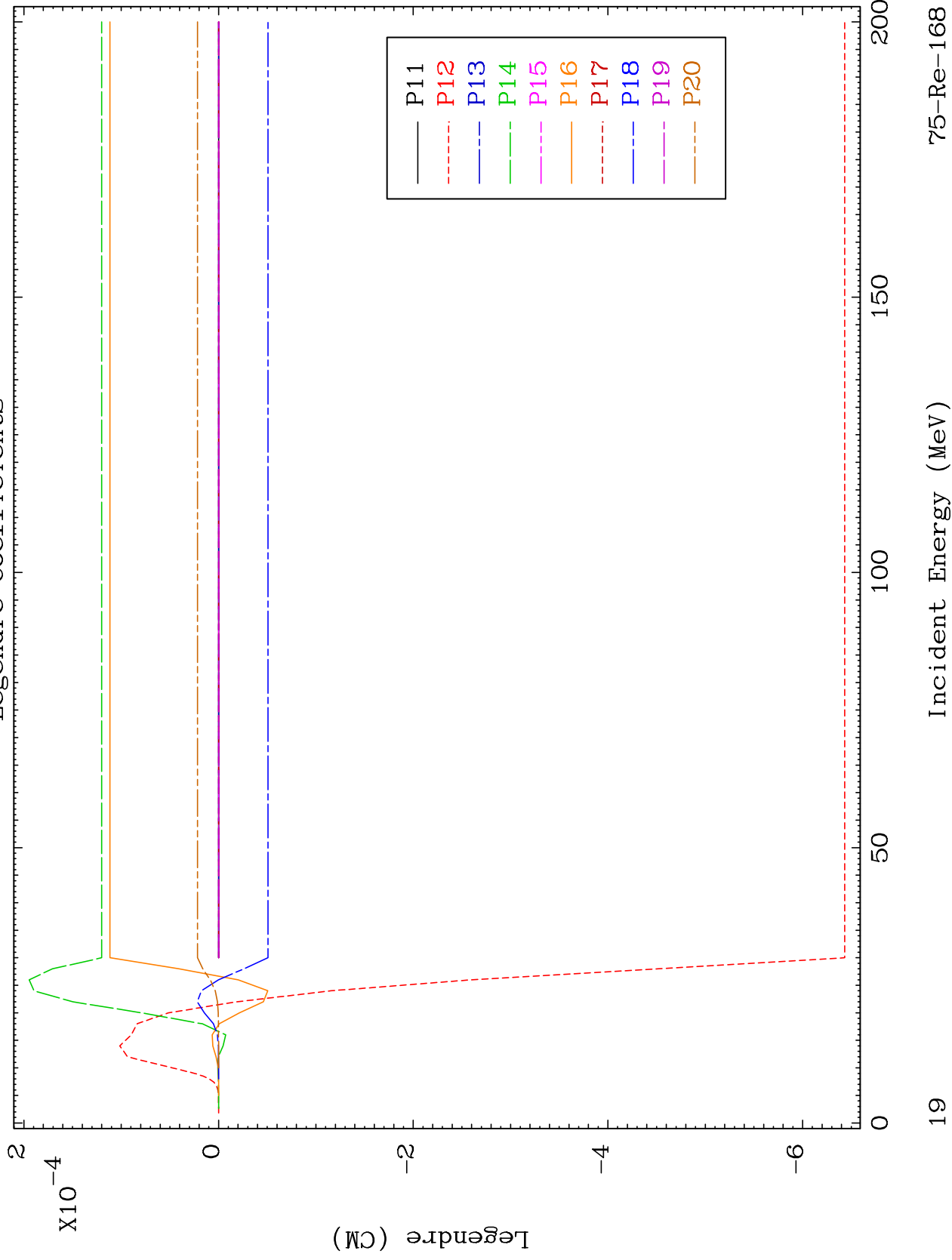
Incident Energy (MeV)

18

MAT 7474

89.70 keV (n,n') Level
Legendre Coefficients

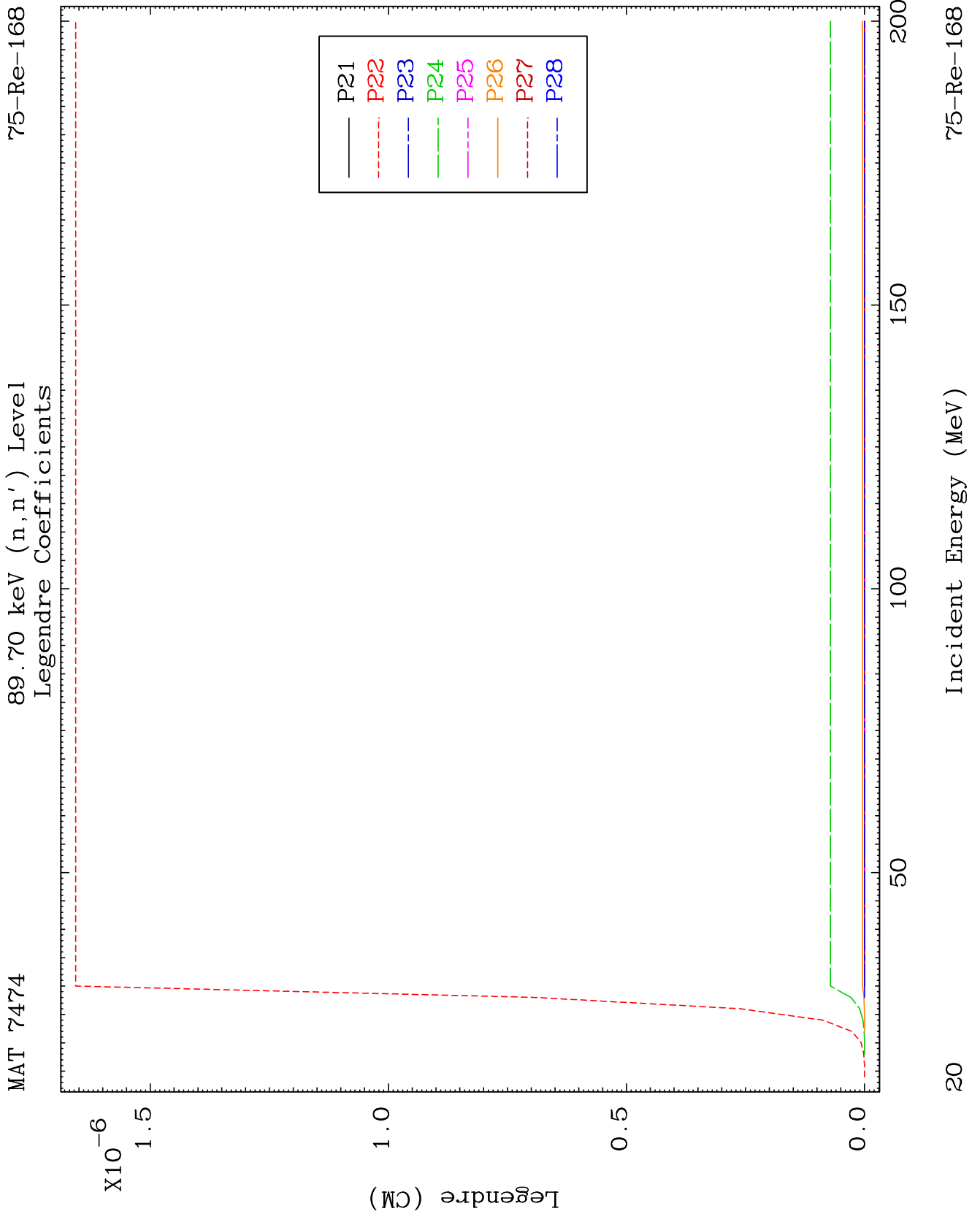
75-Re-168



19

Incident Energy (MeV)

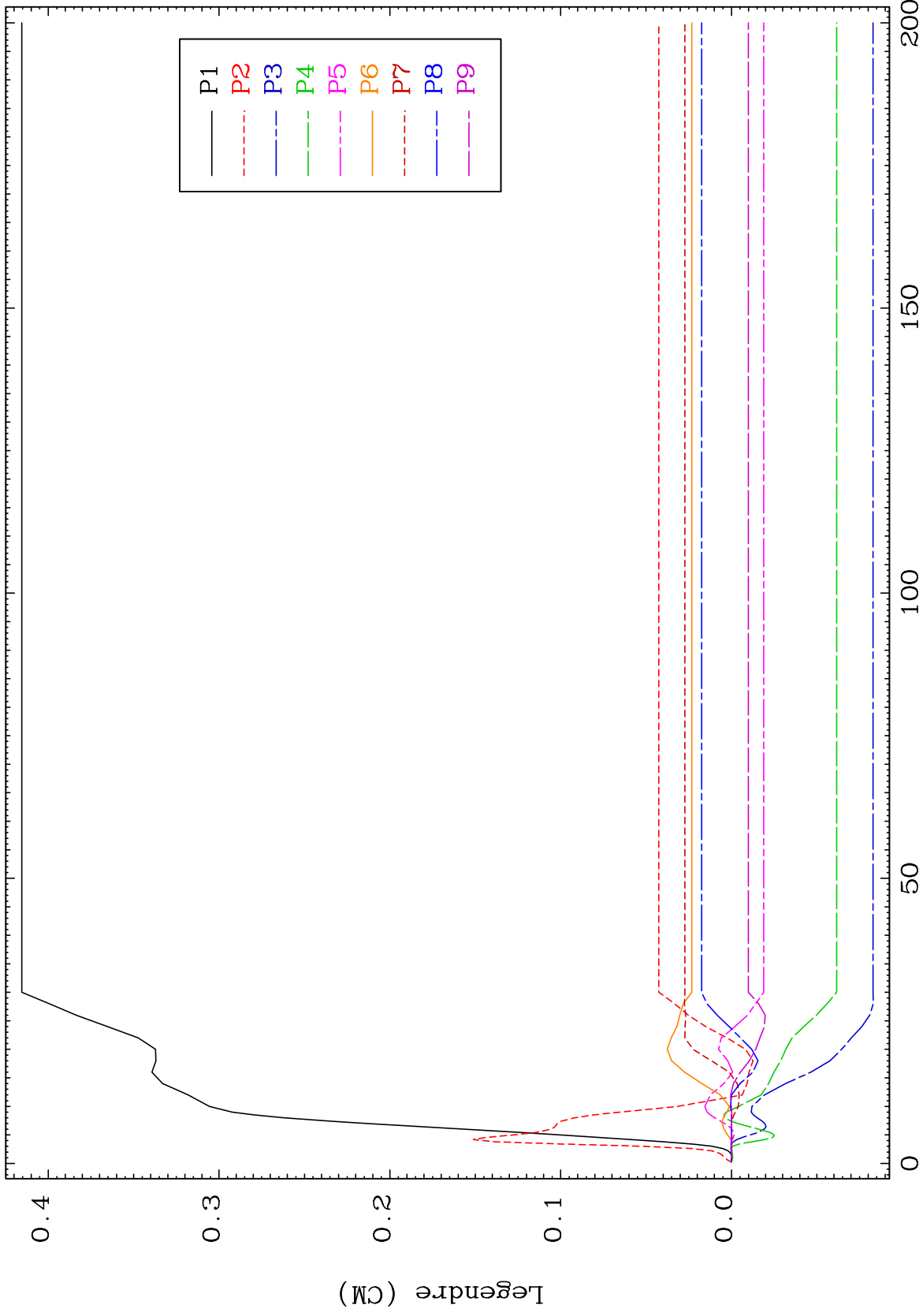
75-Re-168



MAT 7474

162.1 keV (n,n') Level
Legendre Coefficients

75-Re-168



21

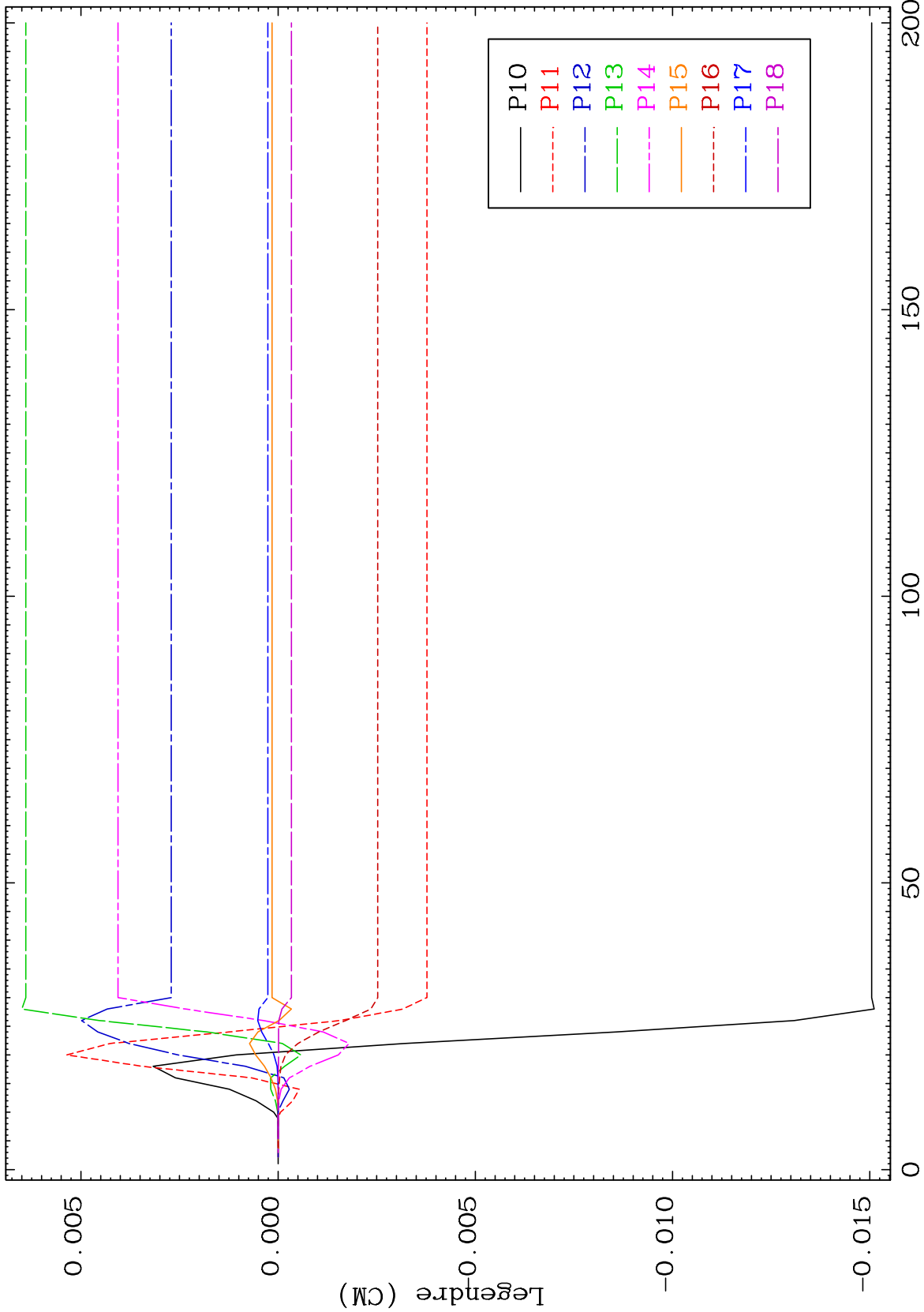
Incident Energy (MeV)

75-Re-168

MAT 7474

162.1 keV (n,n') Level
Legendre Coefficients

75-Re-168



22

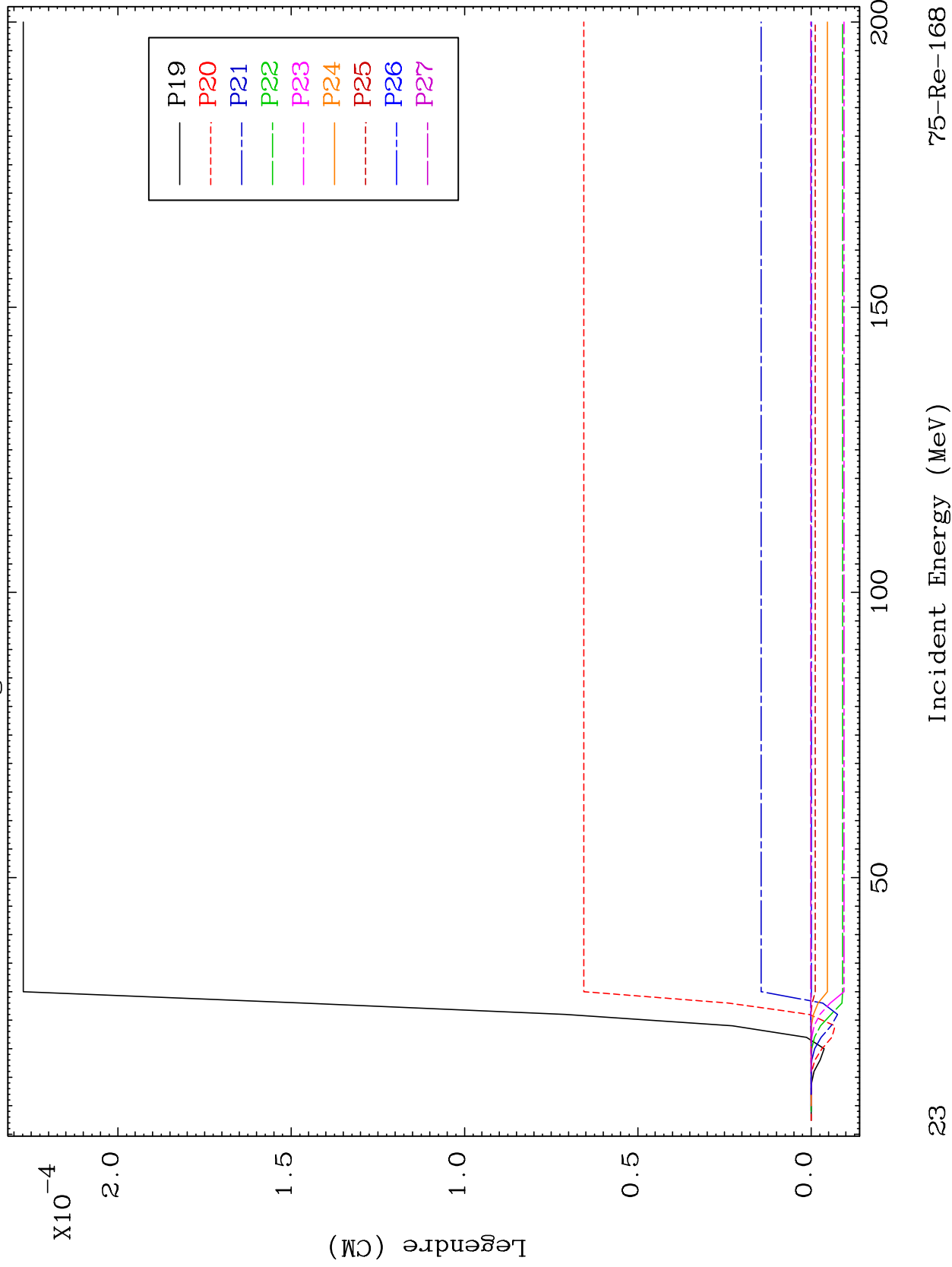
Incident Energy (MeV)

75-Re-168

MAT 7474

162.1 keV (n,n') Level
Legendre Coefficients

75-Re-168



23

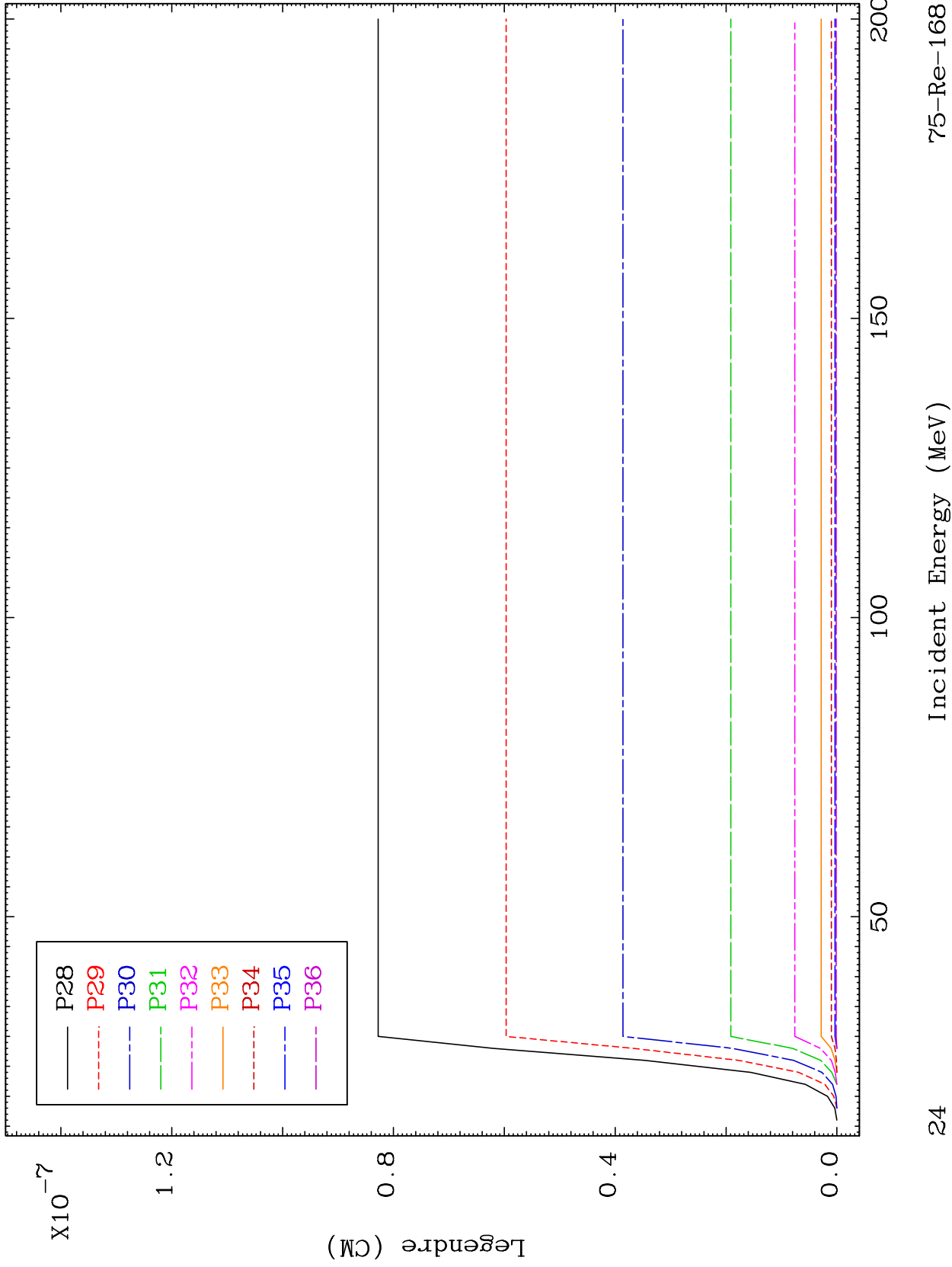
Incident Energy (MeV)

75-Re-168

MAT 7474

162.1 keV (n,n') Level
Legendre Coefficients

75-Re-168



24

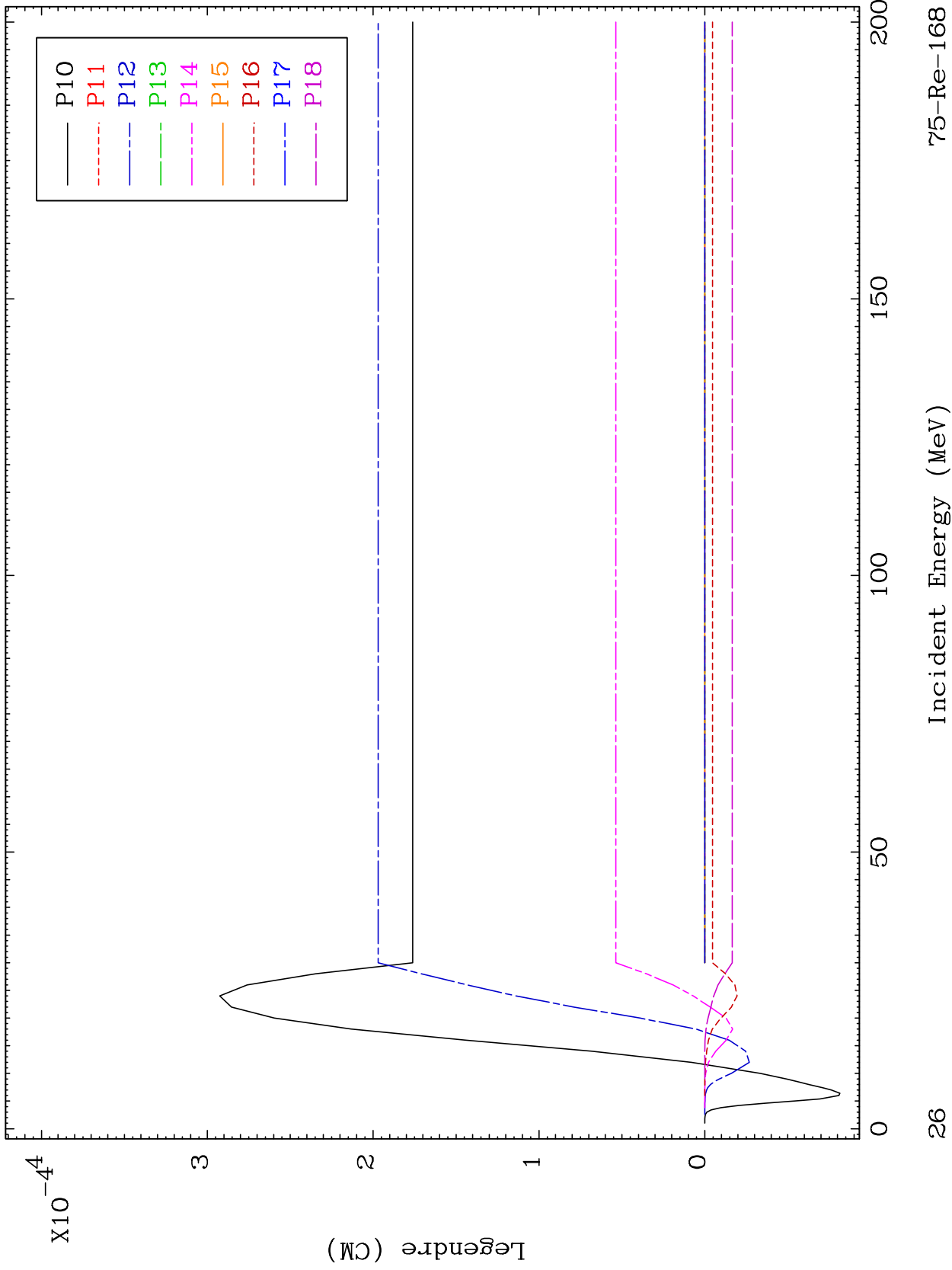
Incident Energy (MeV)

75-Re-168

MAT 7474

226.0 keV (n,n') Level
Legendre Coefficients

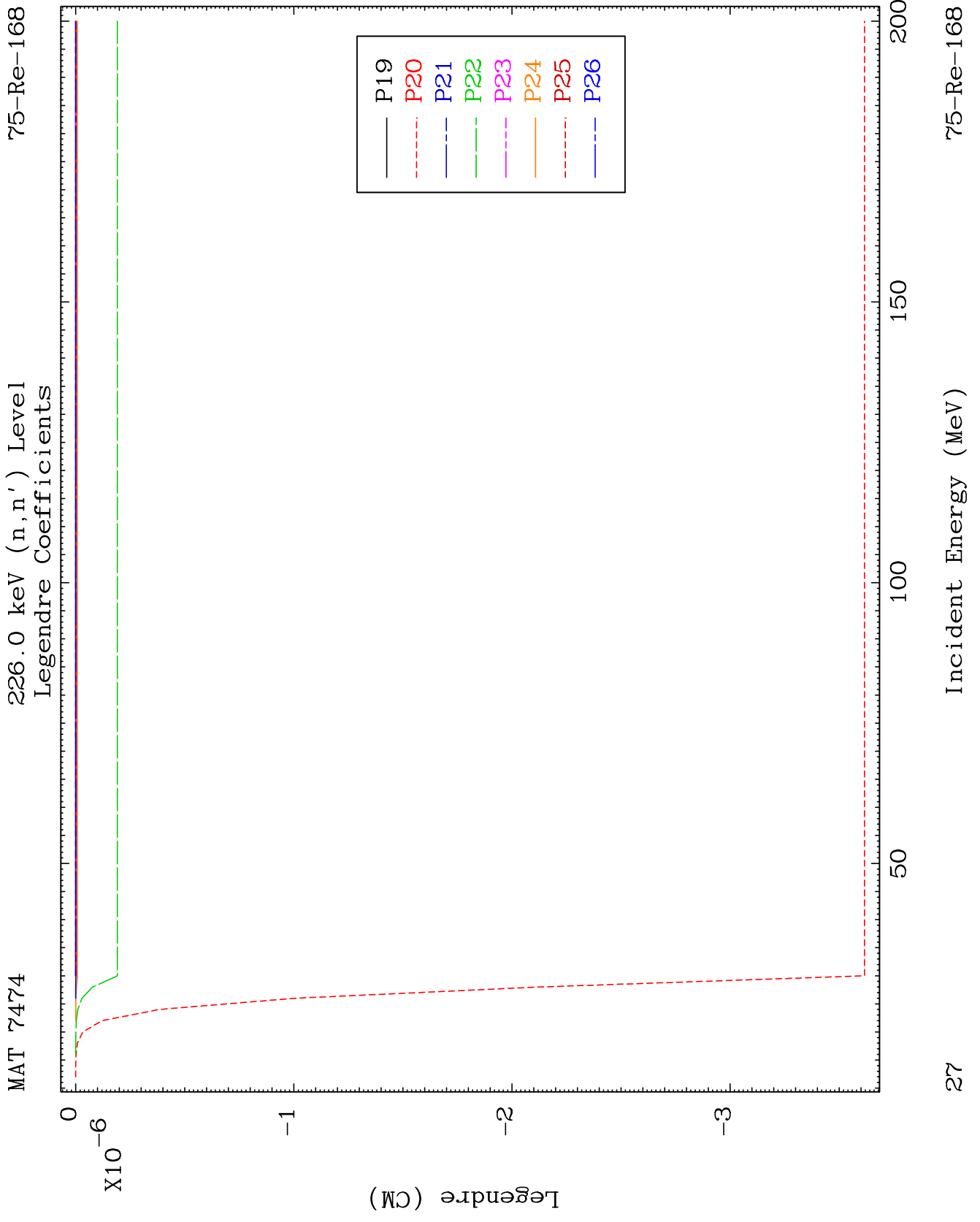
75-Re-168



26

Incident Energy (MeV)

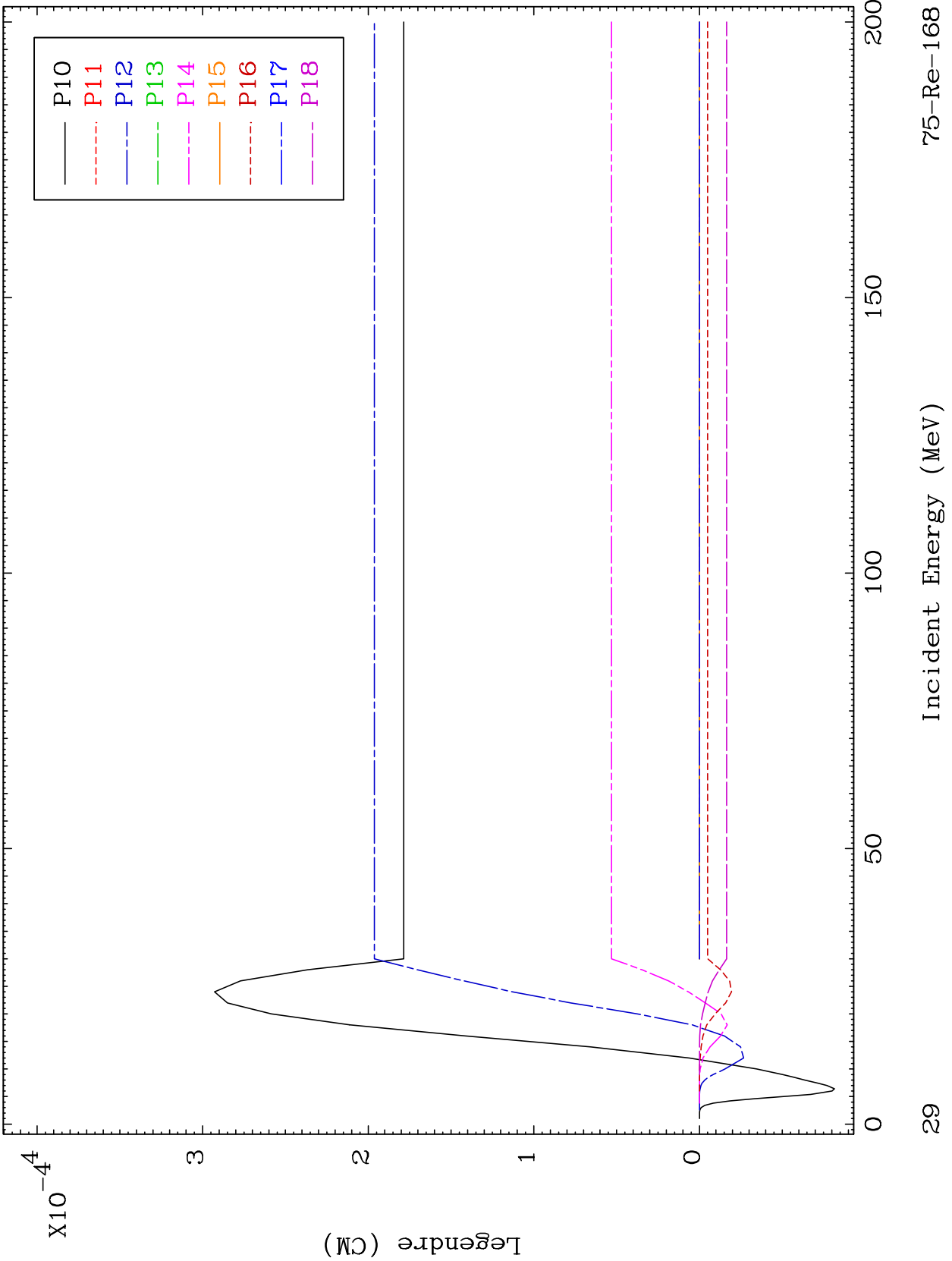
75-Re-168



MAT 7474

349.2 keV (n,n') Level
Legendre Coefficients

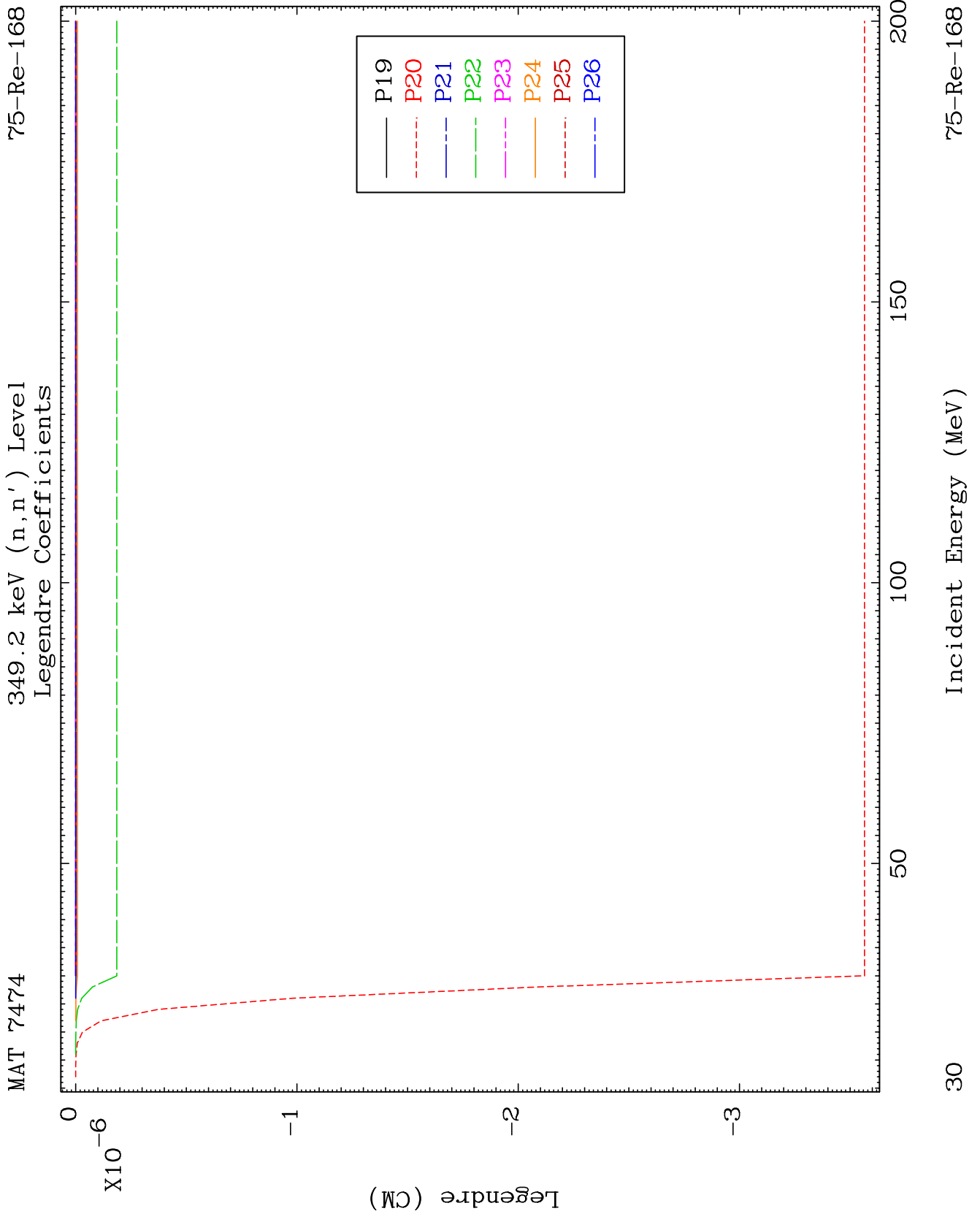
75-Re-168



29

Incident Energy (MeV)

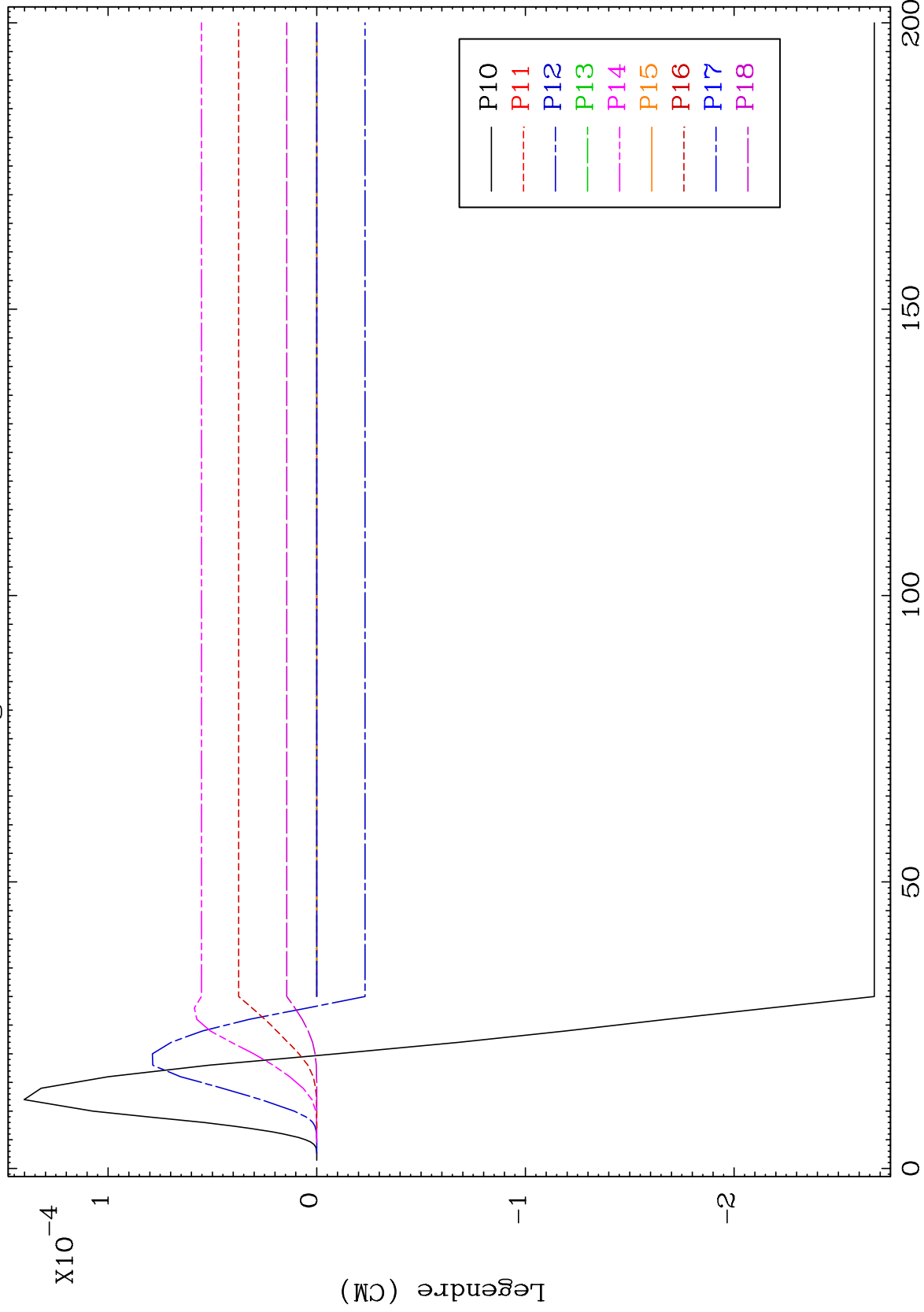
75-Re-168



MAT 7474

353.7 keV (n,n') Level
Legendre Coefficients

75-Re-168



32

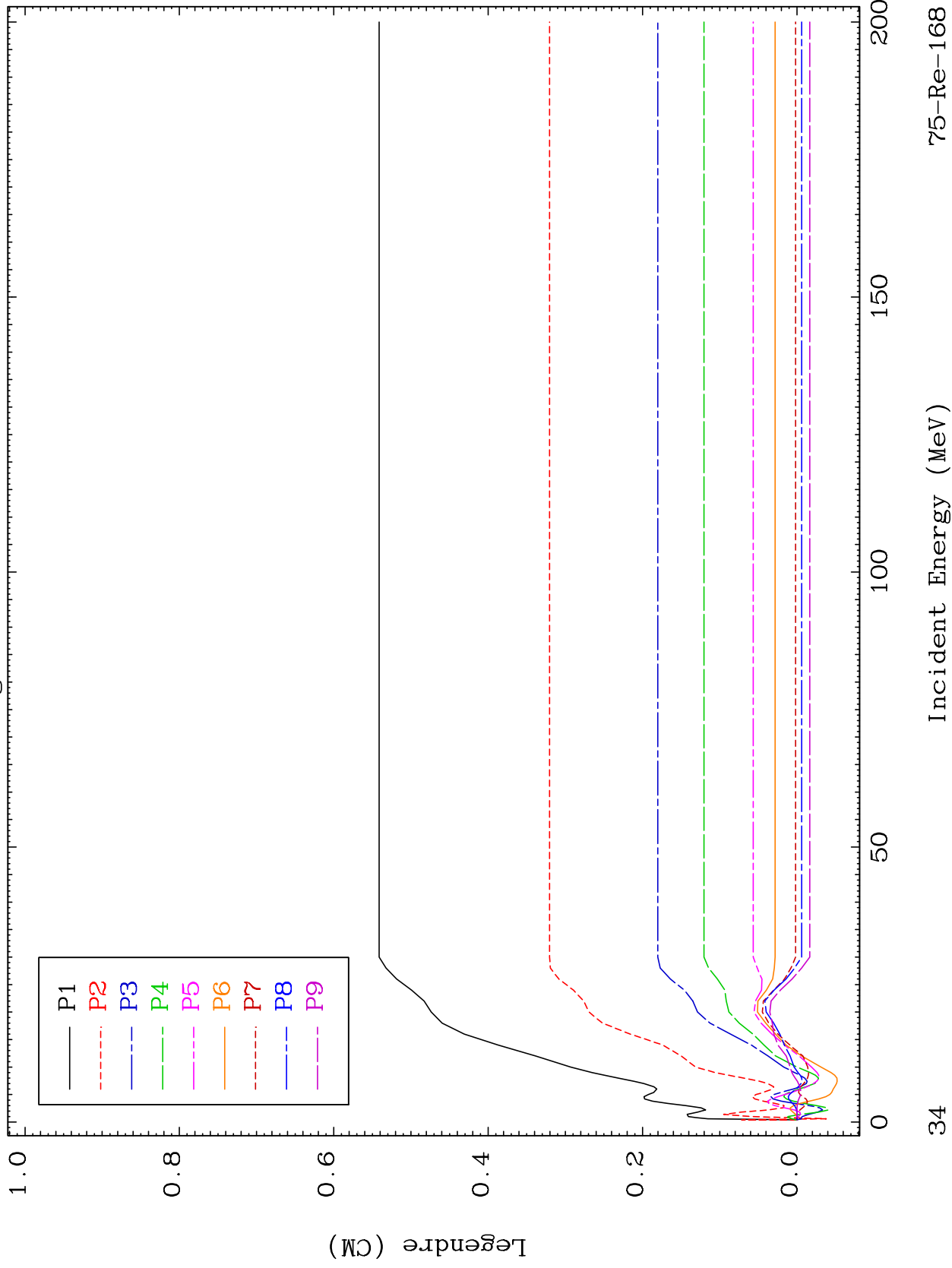
Incident Energy (MeV)

75-Re-168

MAT 7474

358.2 keV (n, n') Level
Legendre Coefficients

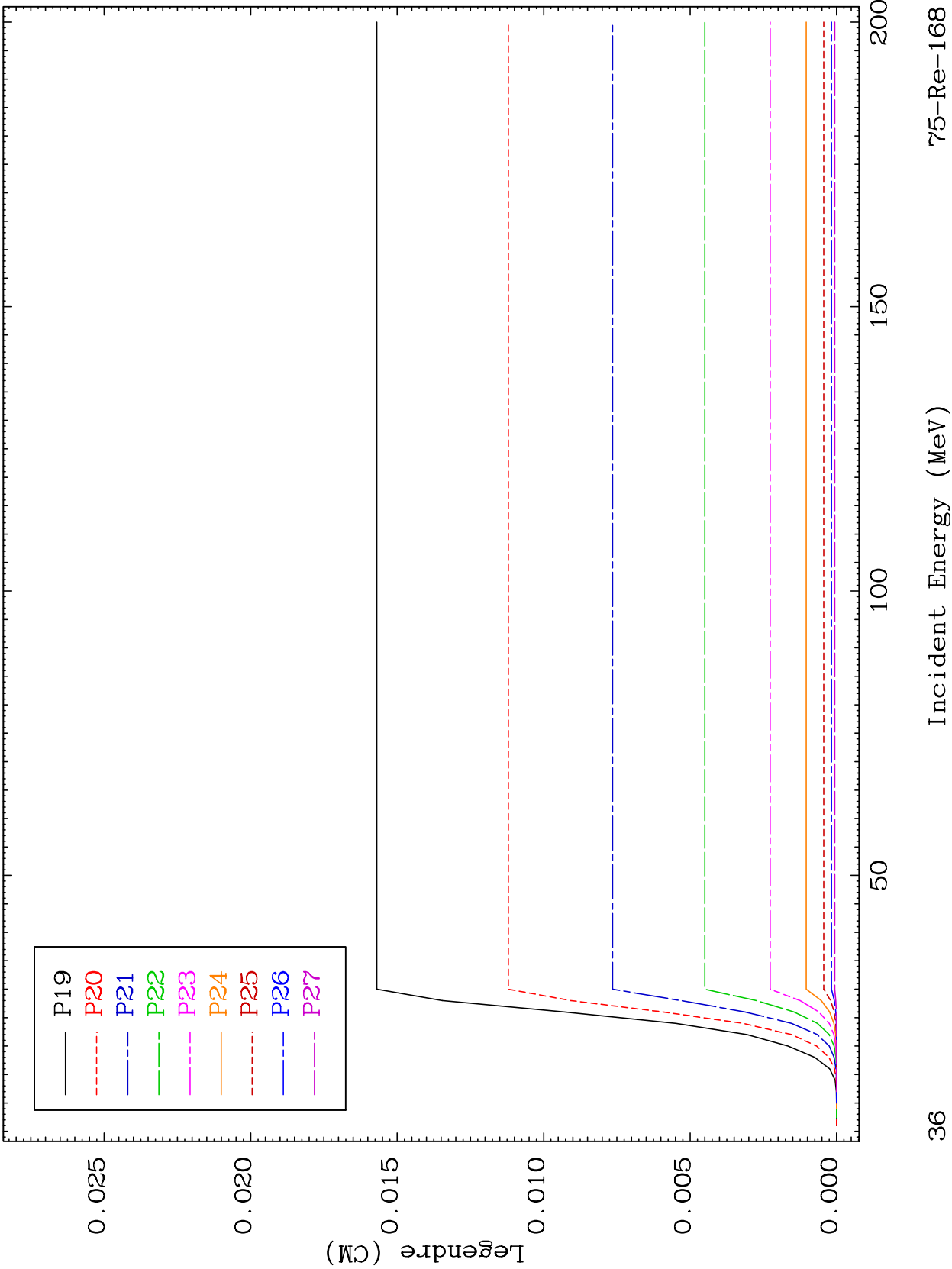
75-Re-168



34

Incident Energy (MeV)

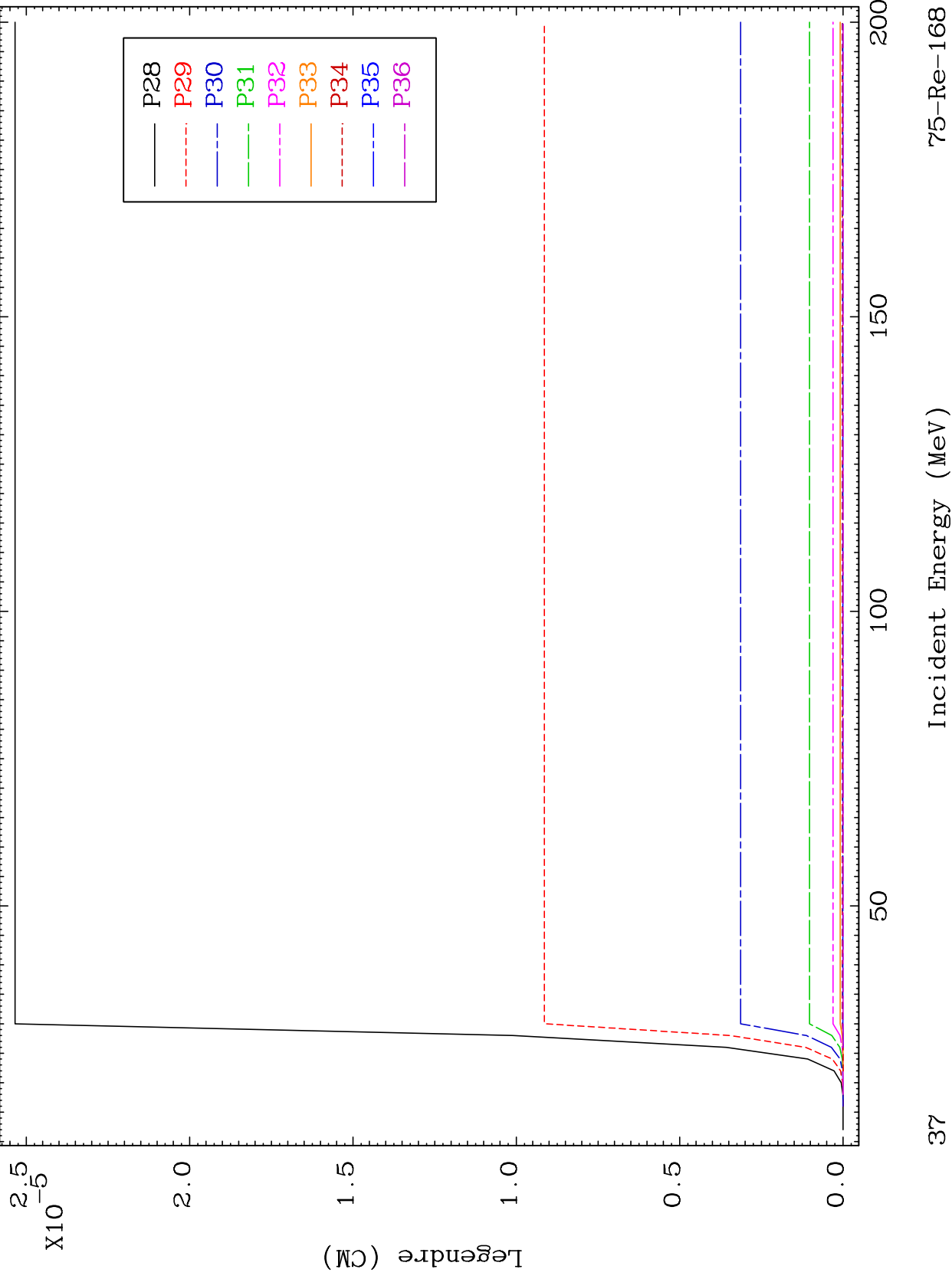
75-Re-168



MAT 7474

358.2 keV (n, n') Level
Legendre Coefficients

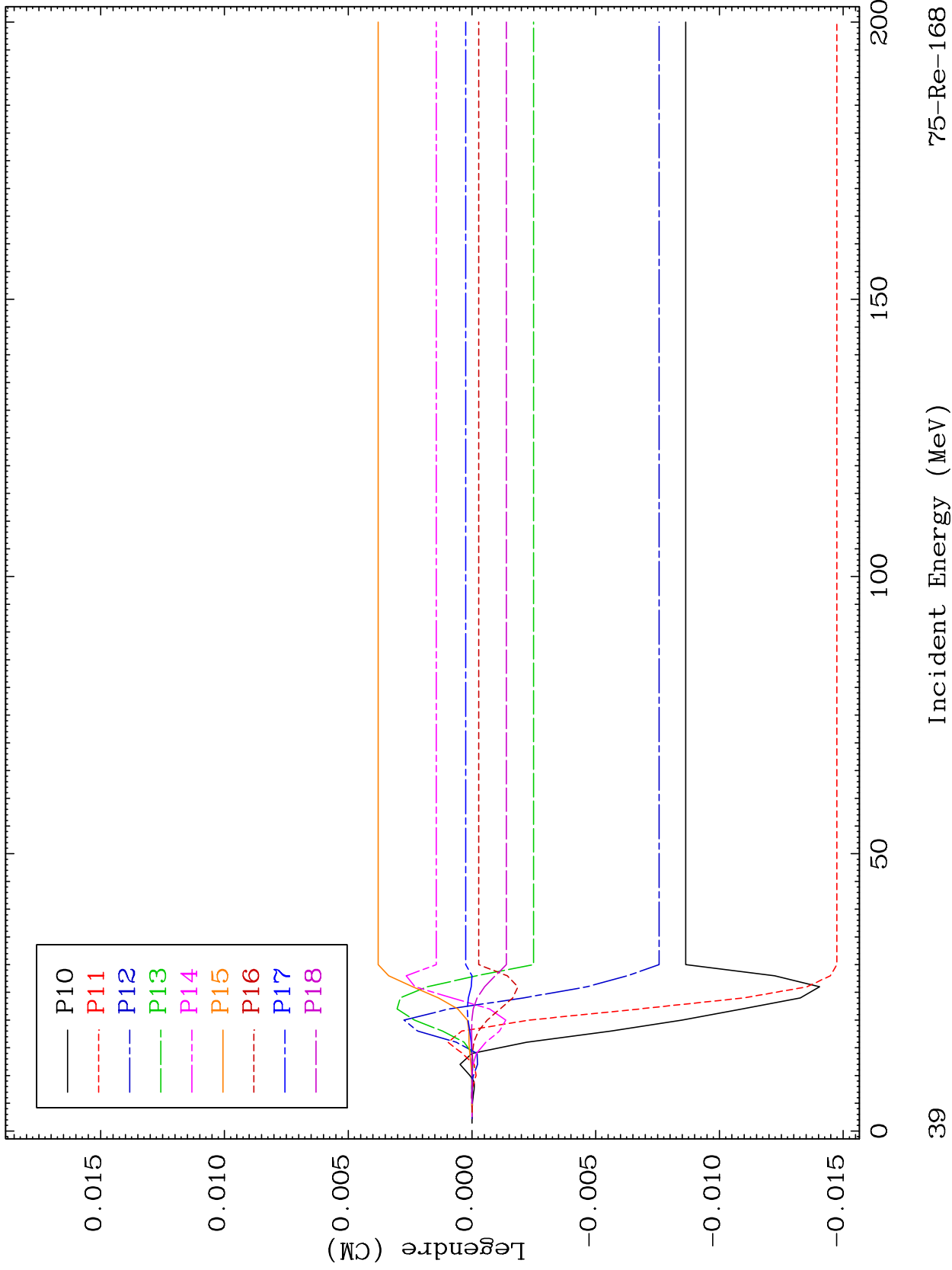
75-Re-168



MAT 7474

365.2 keV (n,n') Level
Legendre Coefficients

75-Re-168



39

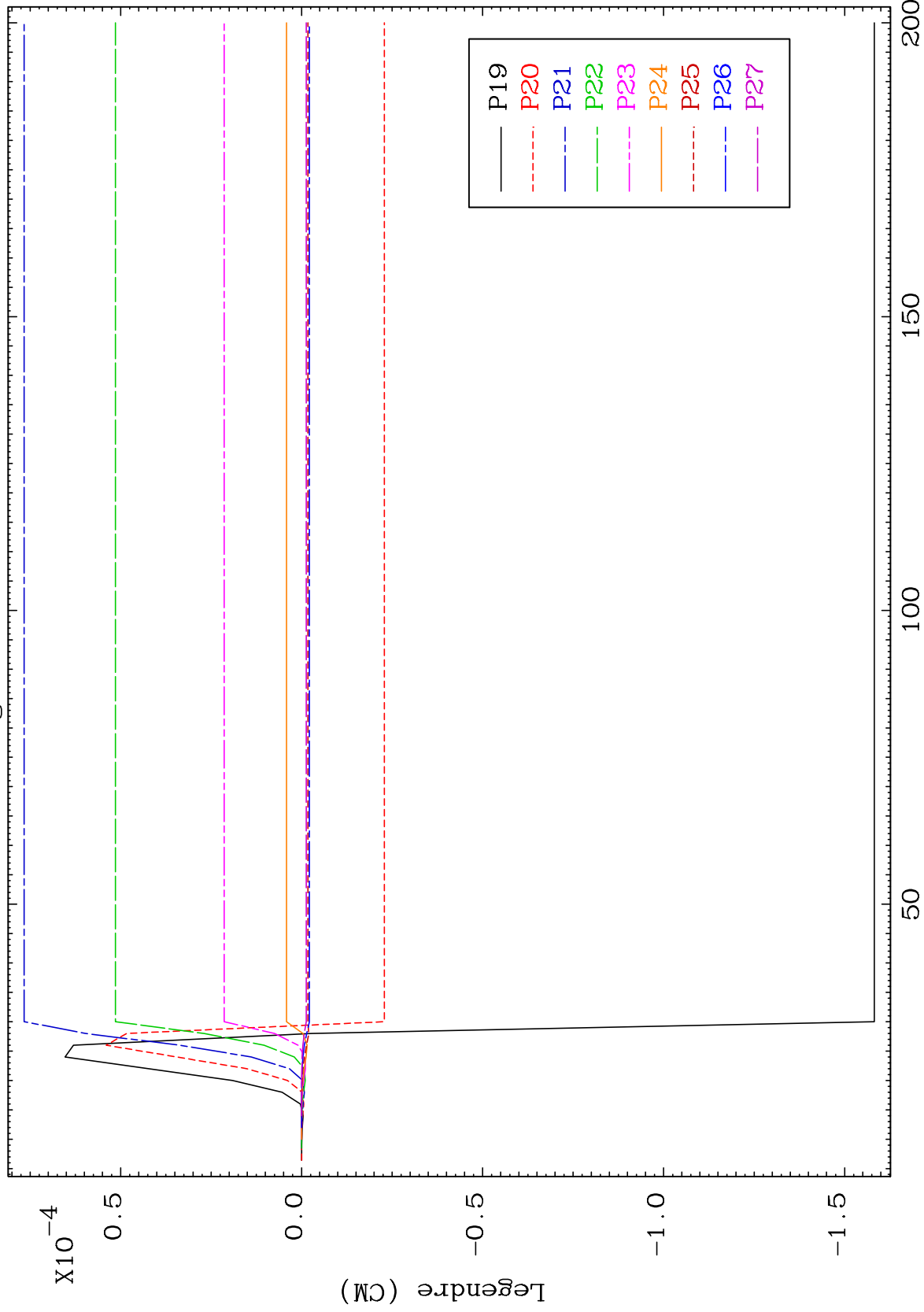
Incident Energy (MeV)

75-Re-168

MAT 7474

365.2 keV (n,n') Level
Legendre Coefficients

75-Re-168



40

Incident Energy (MeV)

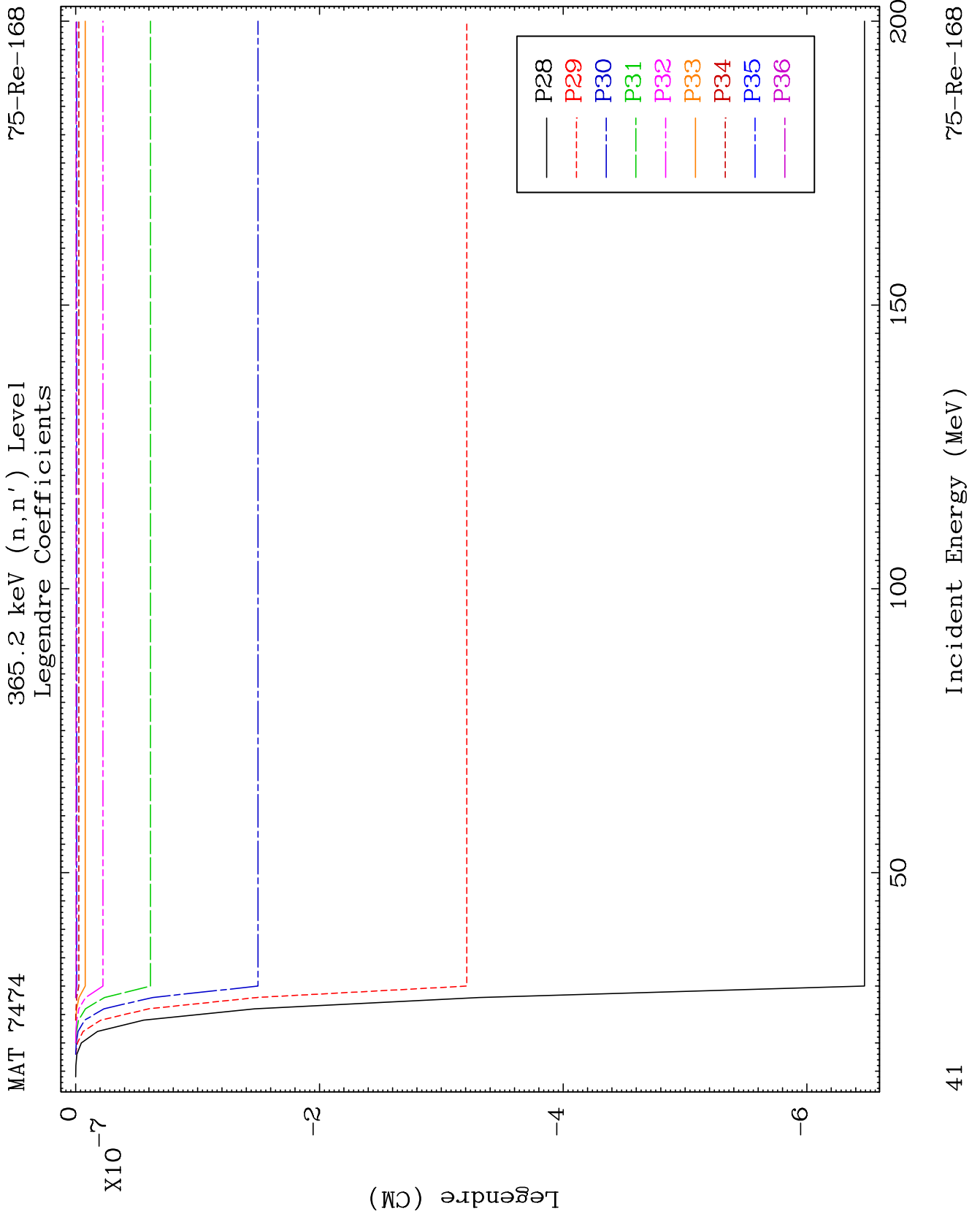
50

100

150

200

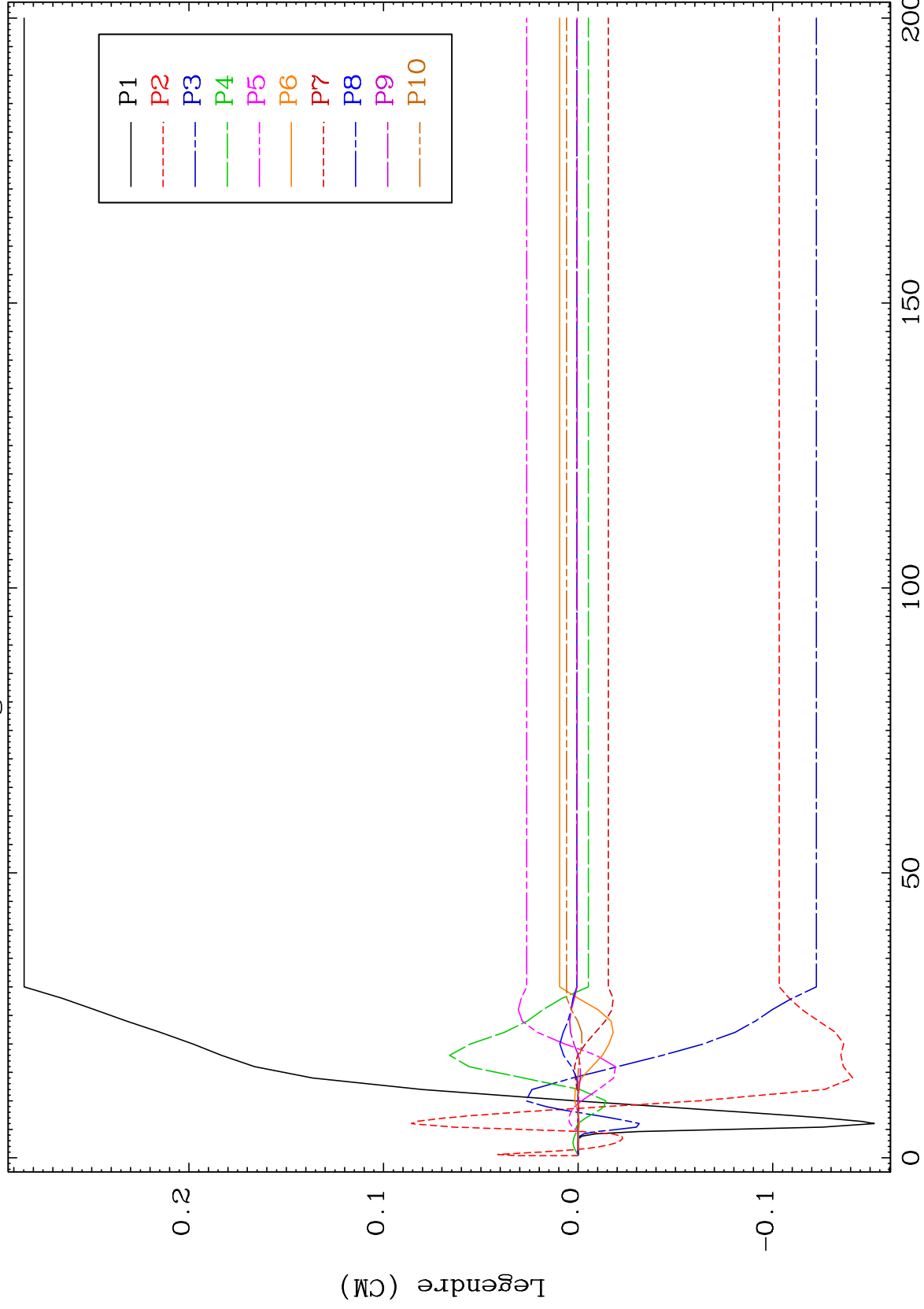
75-Re-168



MAT 7474

366.3 keV (n,n') Level
Legendre Coefficients

75-Re-168



42

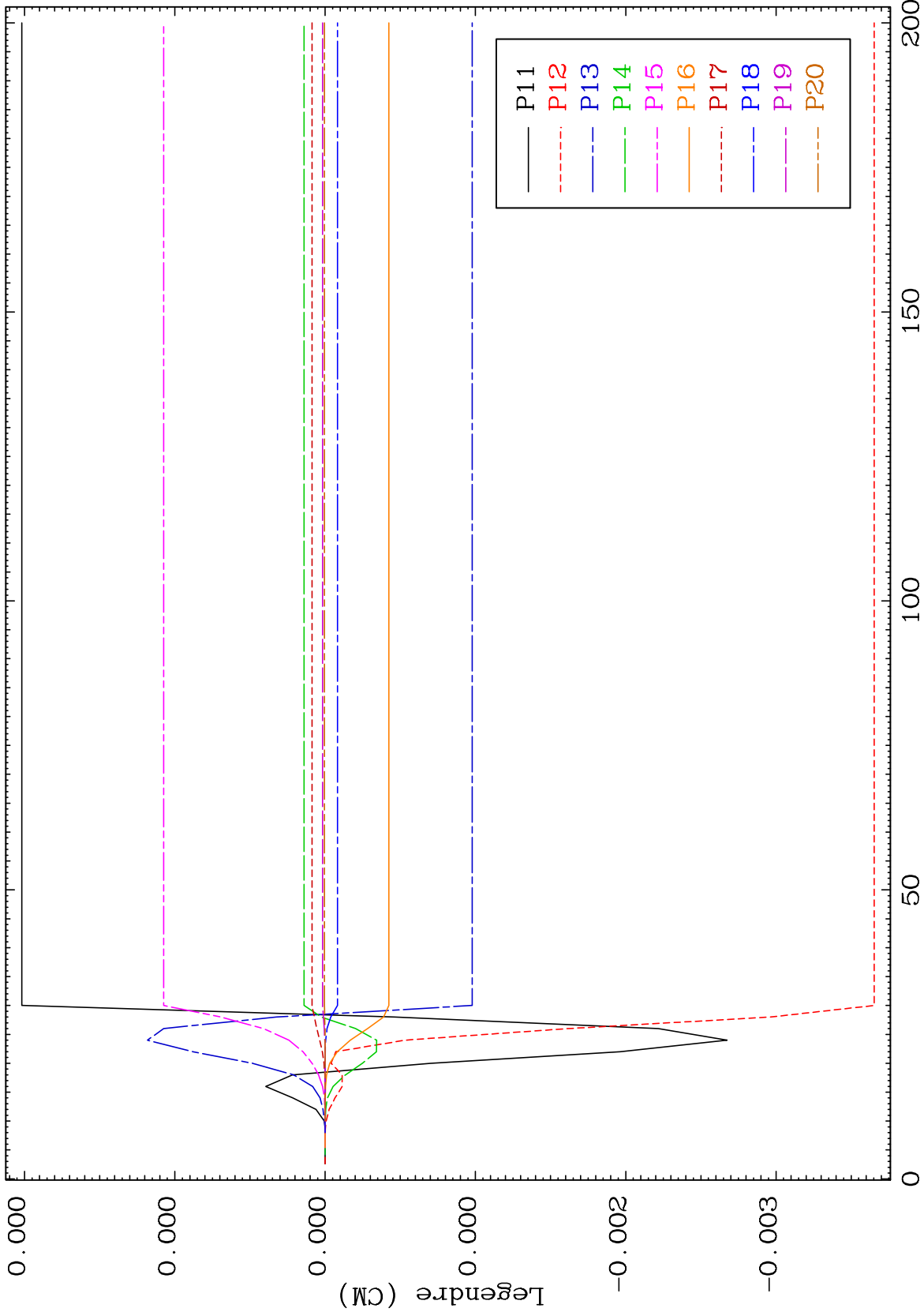
Incident Energy (MeV)

75-Re-168

MAT 7474

366.3 keV (n,n') Level
Legendre Coefficients

75-Re-168



43

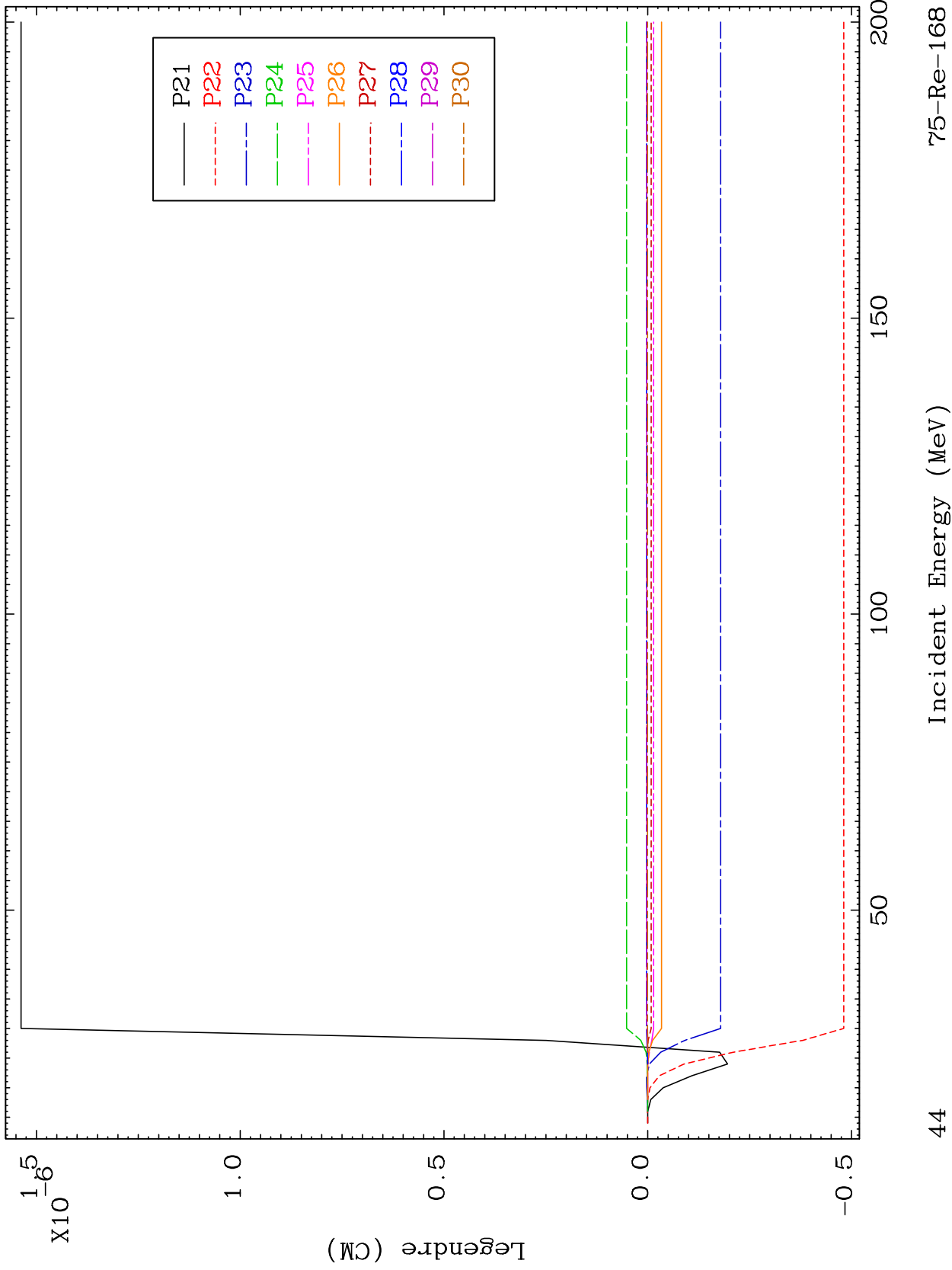
Incident Energy (MeV)

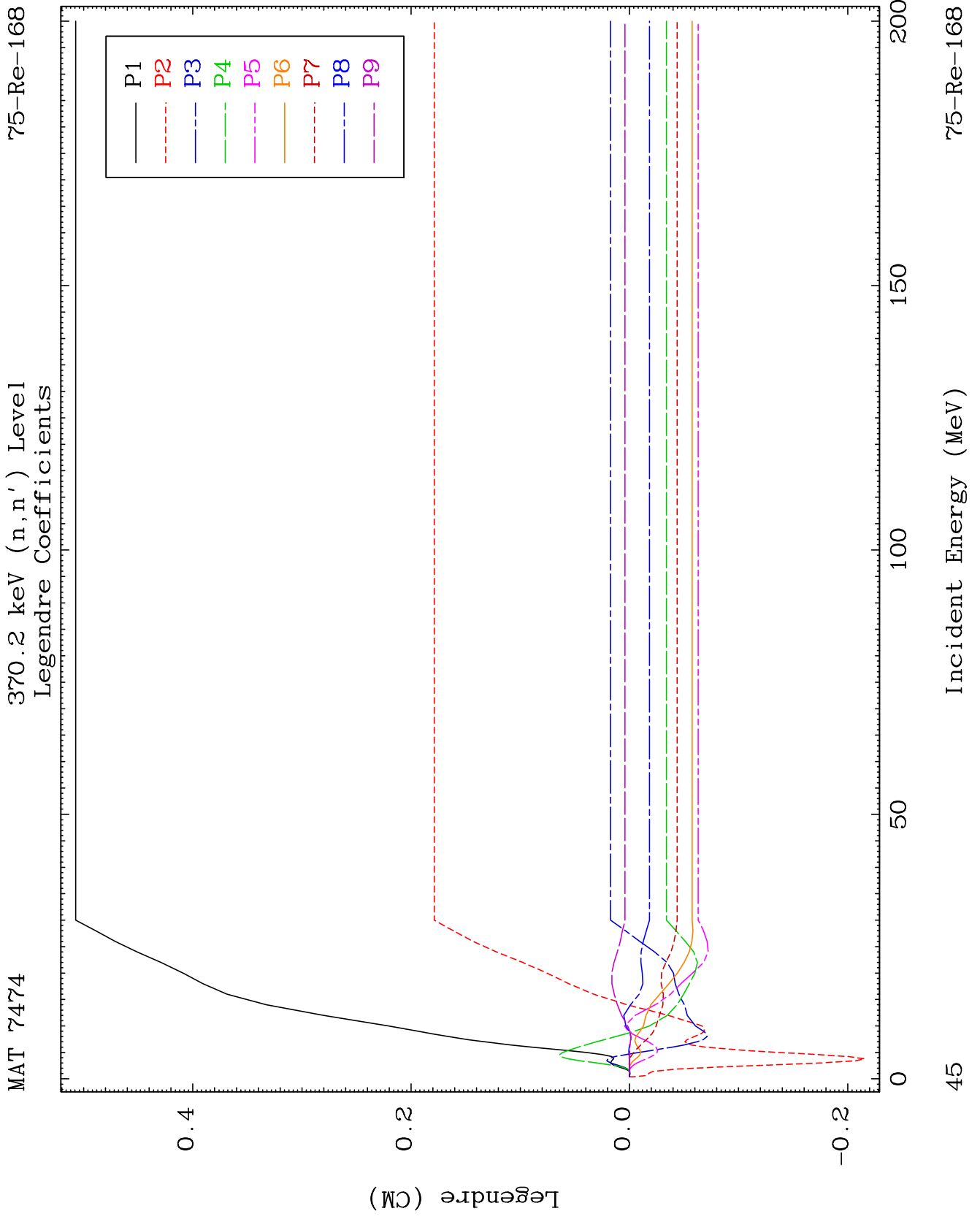
75-Re-168

MAT 7474

366.3 keV (n,n') Level
Legendre Coefficients

75-Re-168

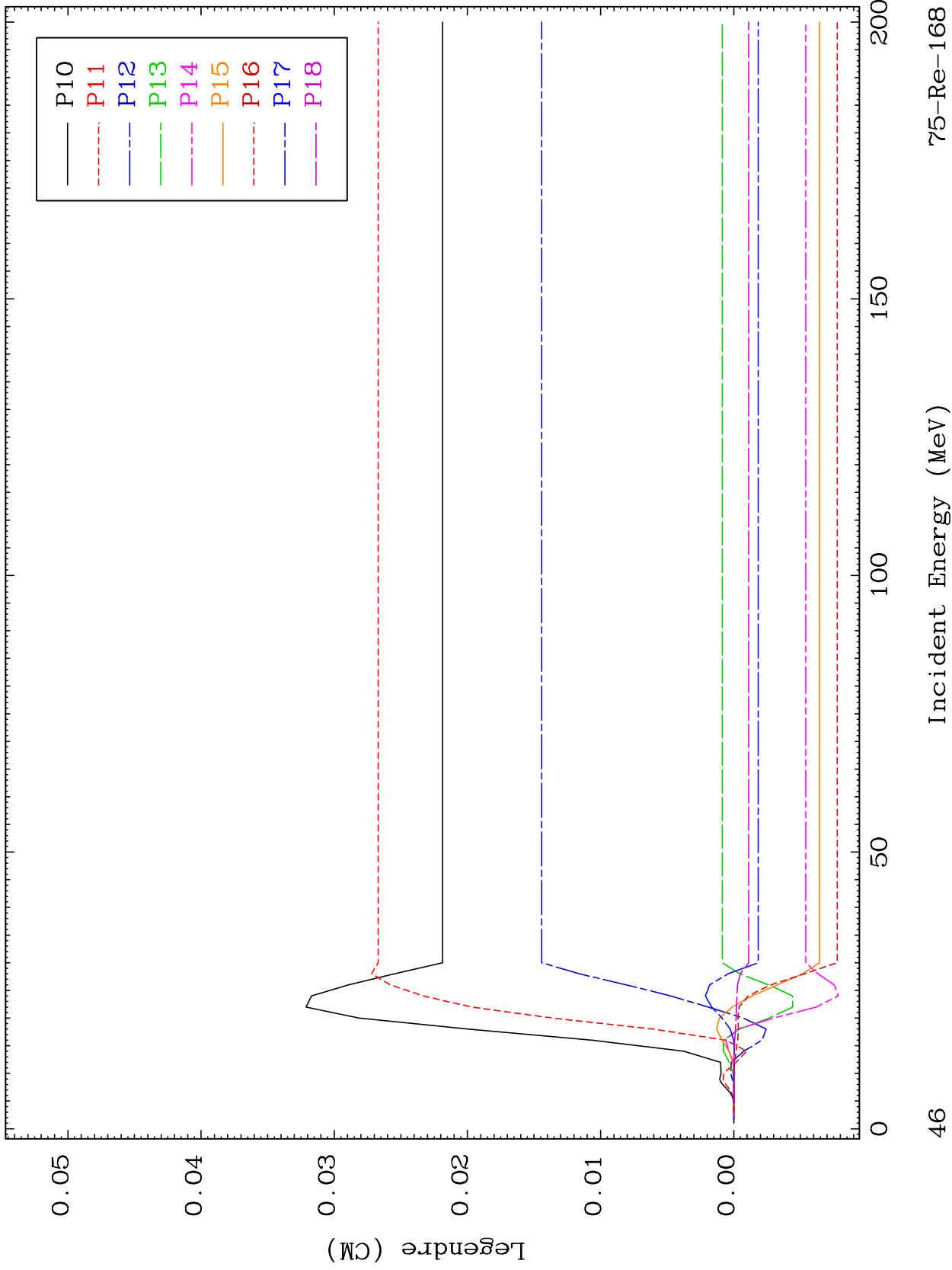




MAT 7474

370.2 keV (n,n') Level
Legendre Coefficients

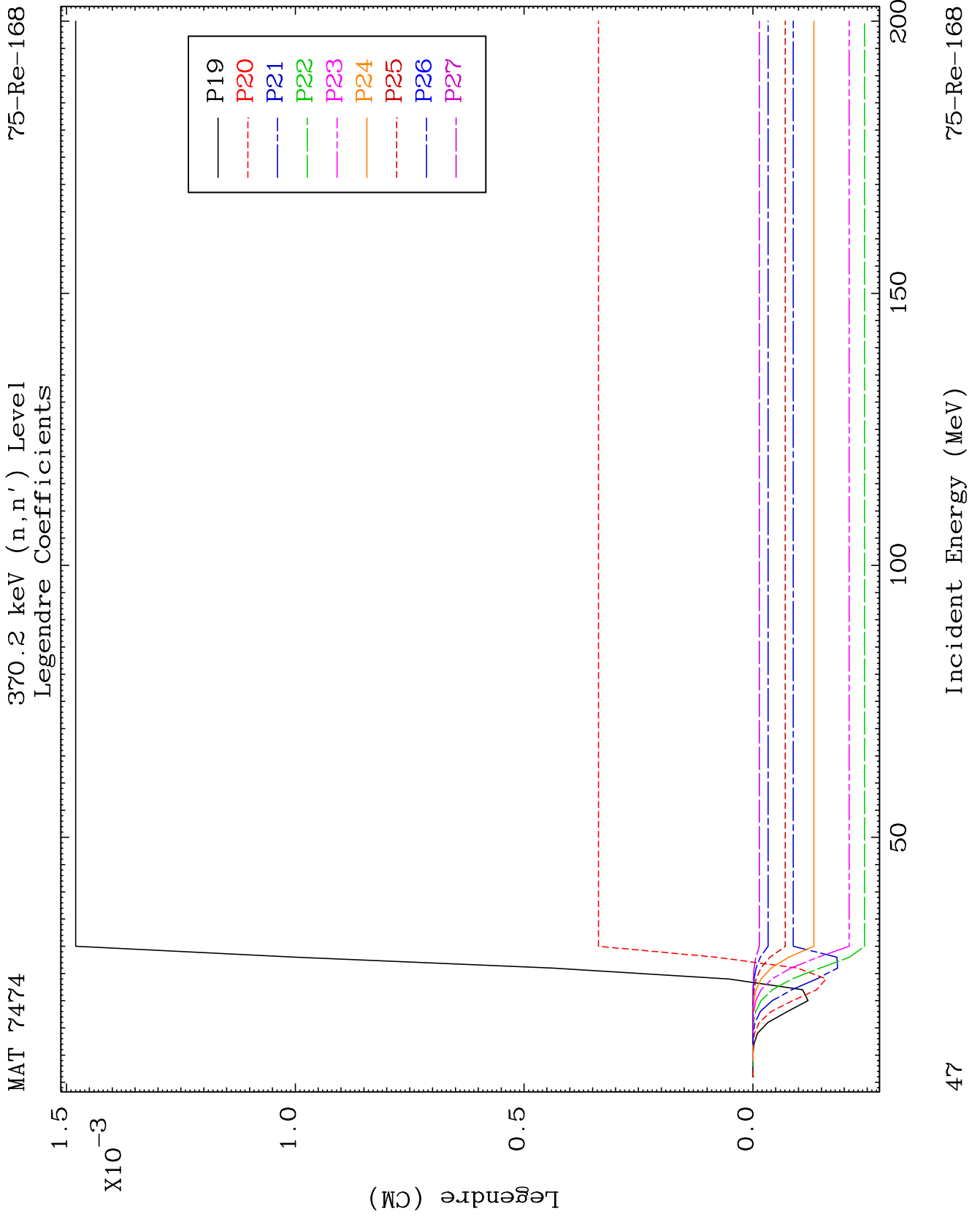
75-Re-168

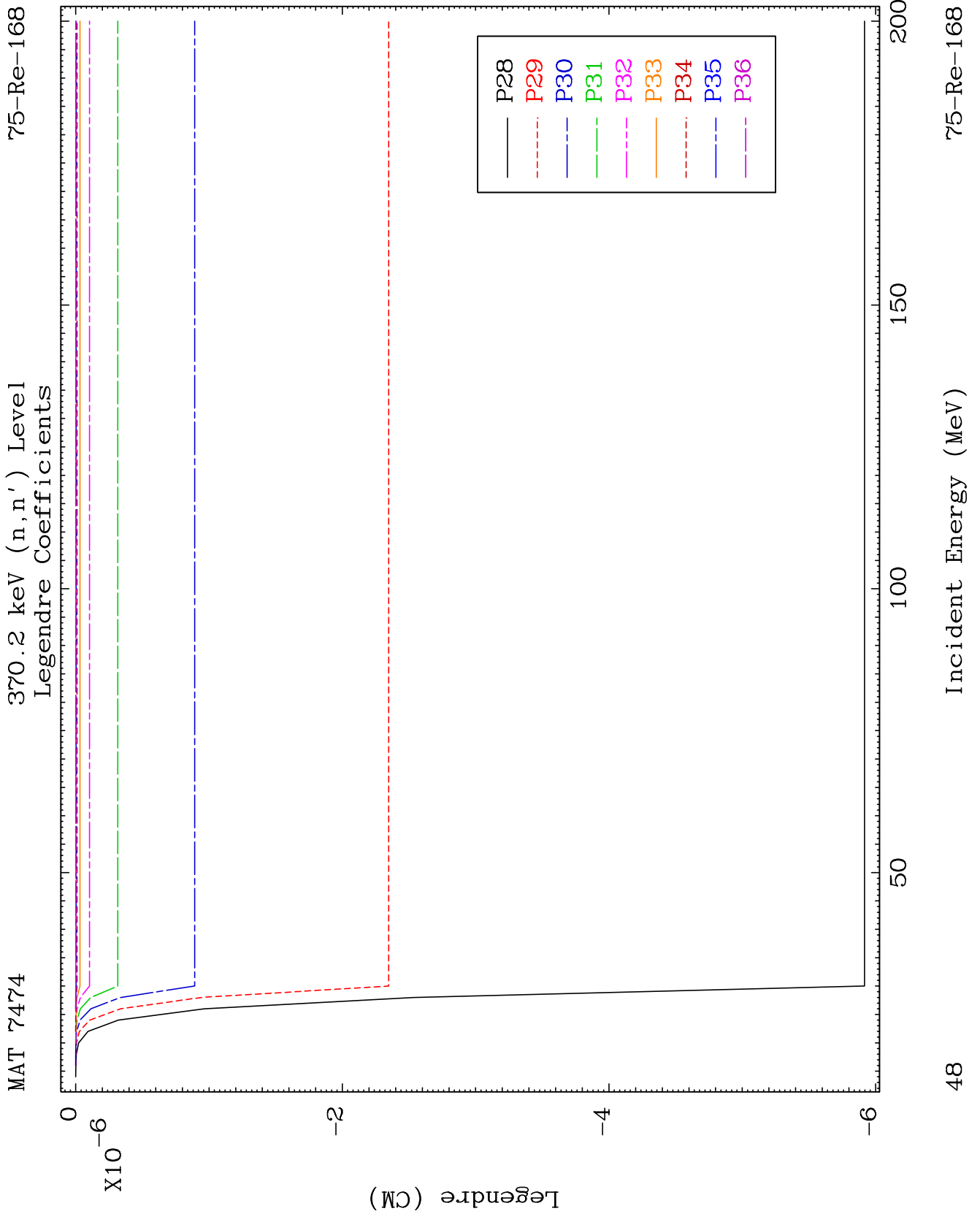


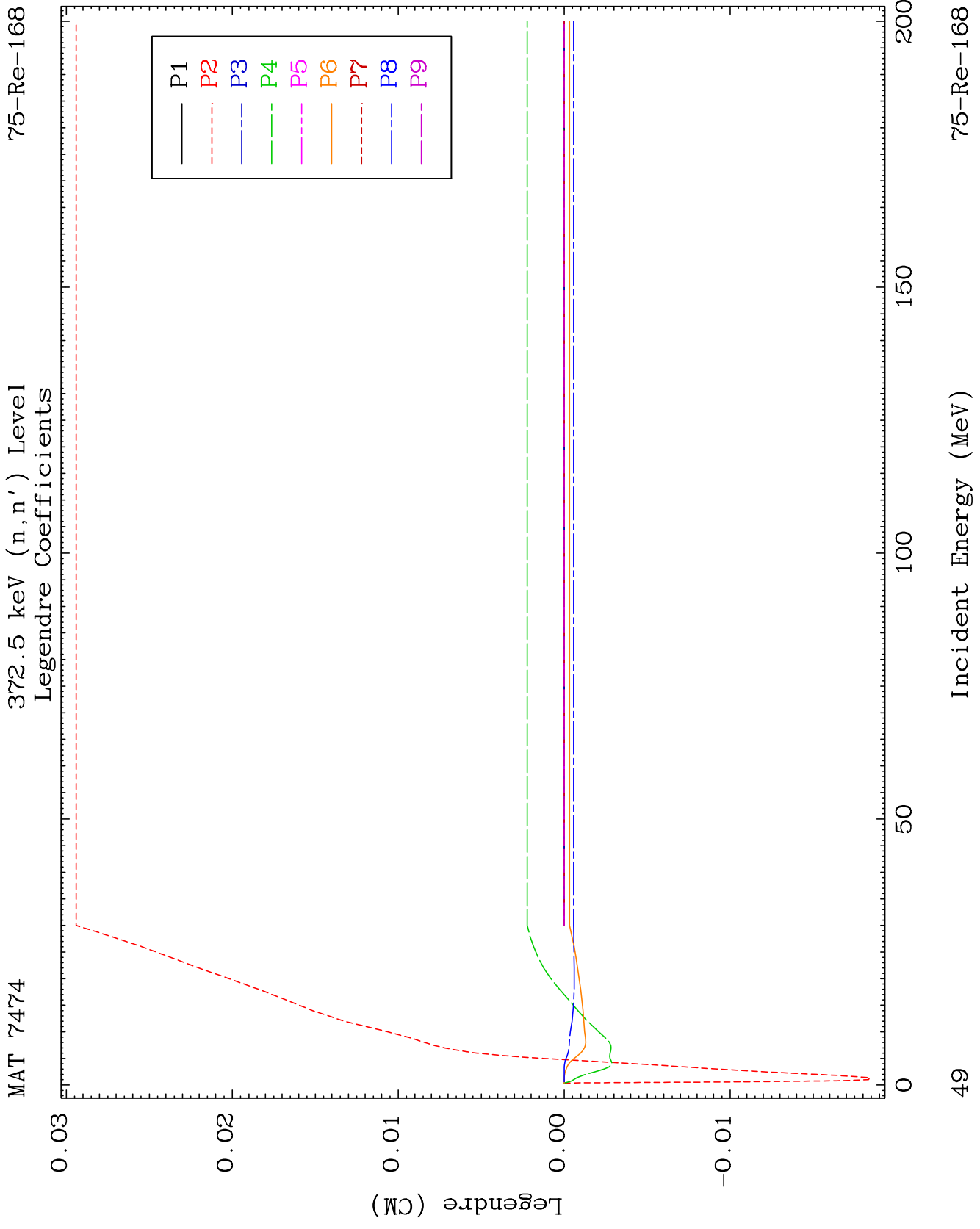
46

Incident Energy (MeV)

75-Re-168



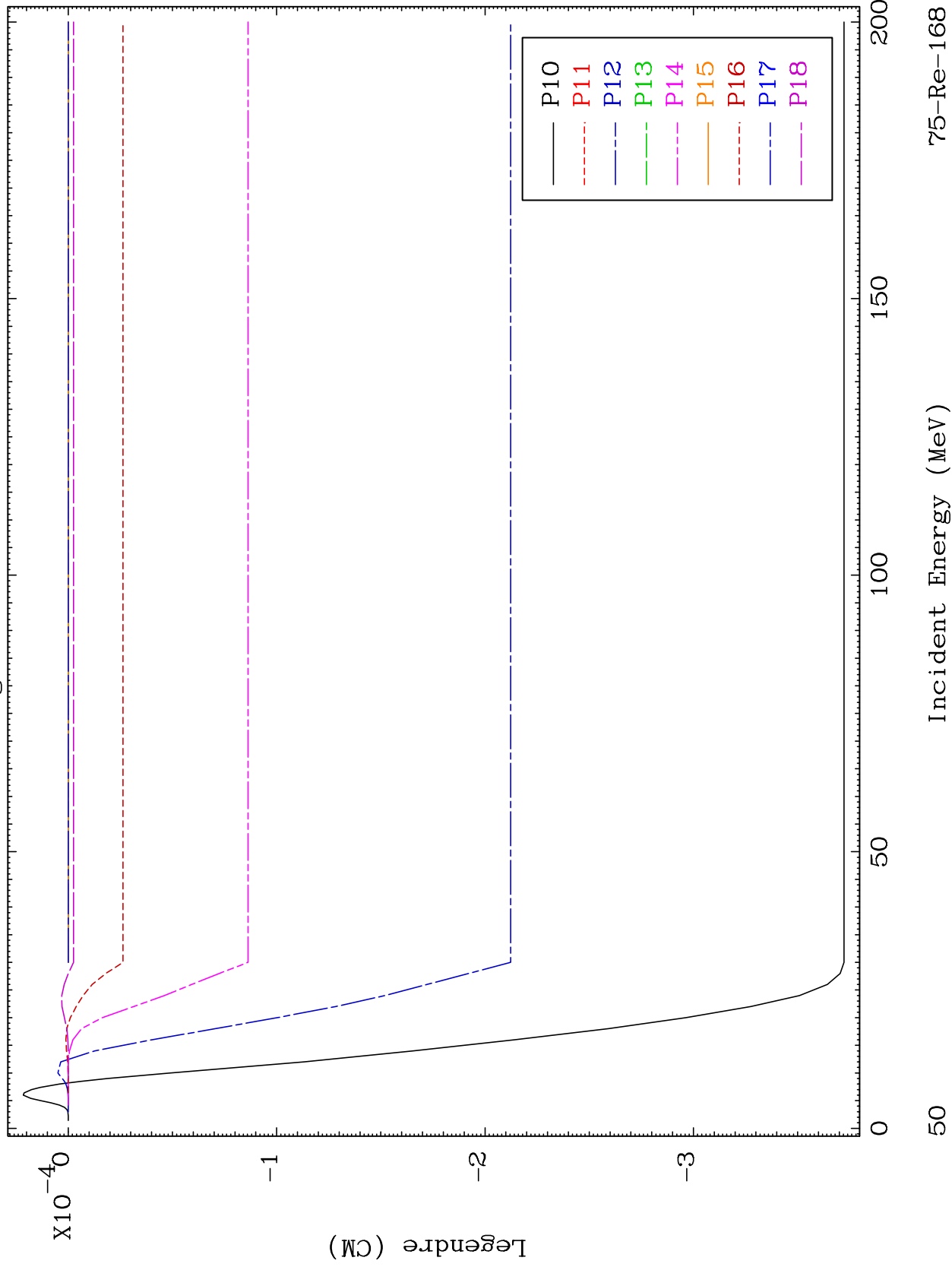




MAT 7474

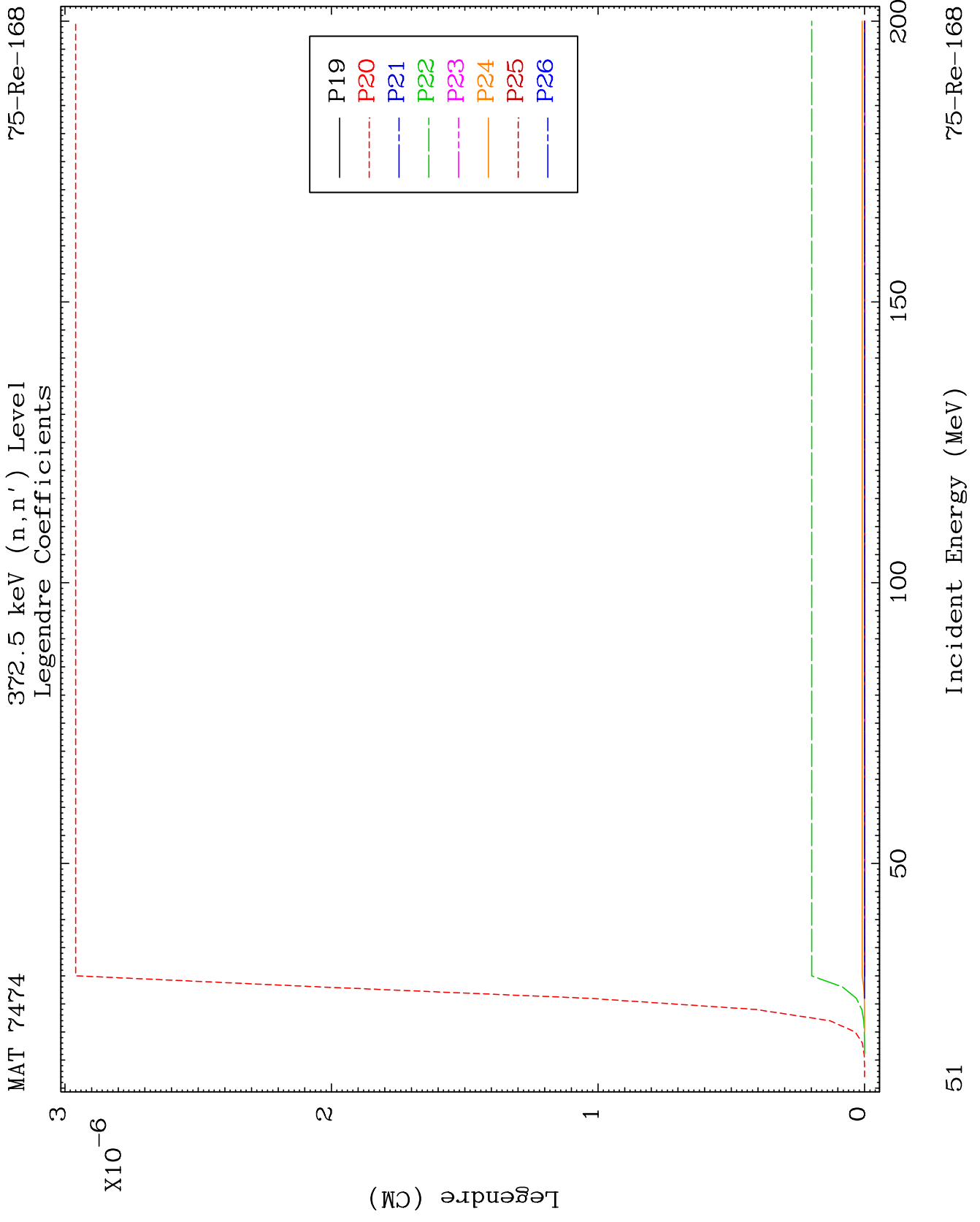
372.5 keV (n,n') Level
Legendre Coefficients

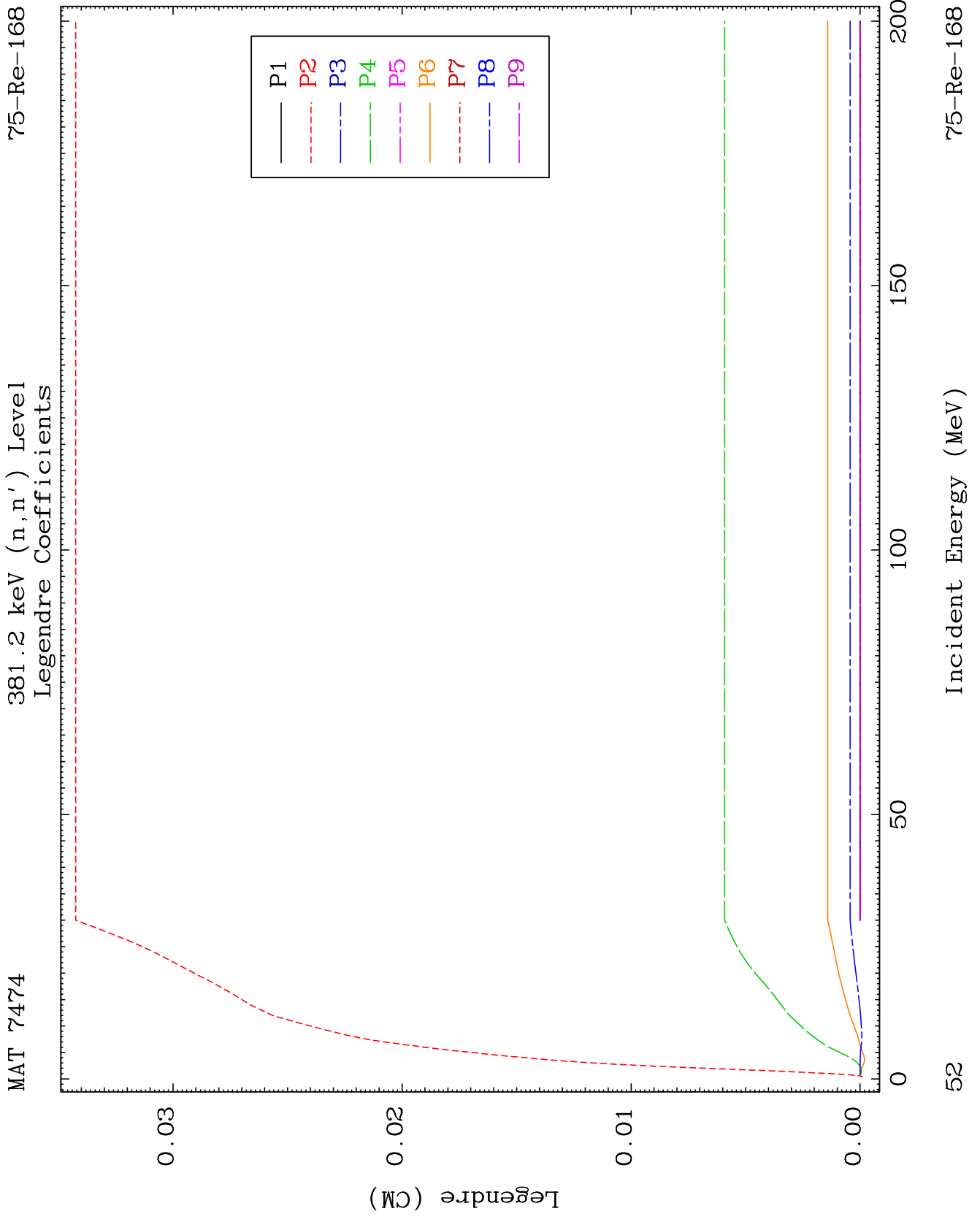
75-Re-168



75-Re-168

Incident Energy (MeV)

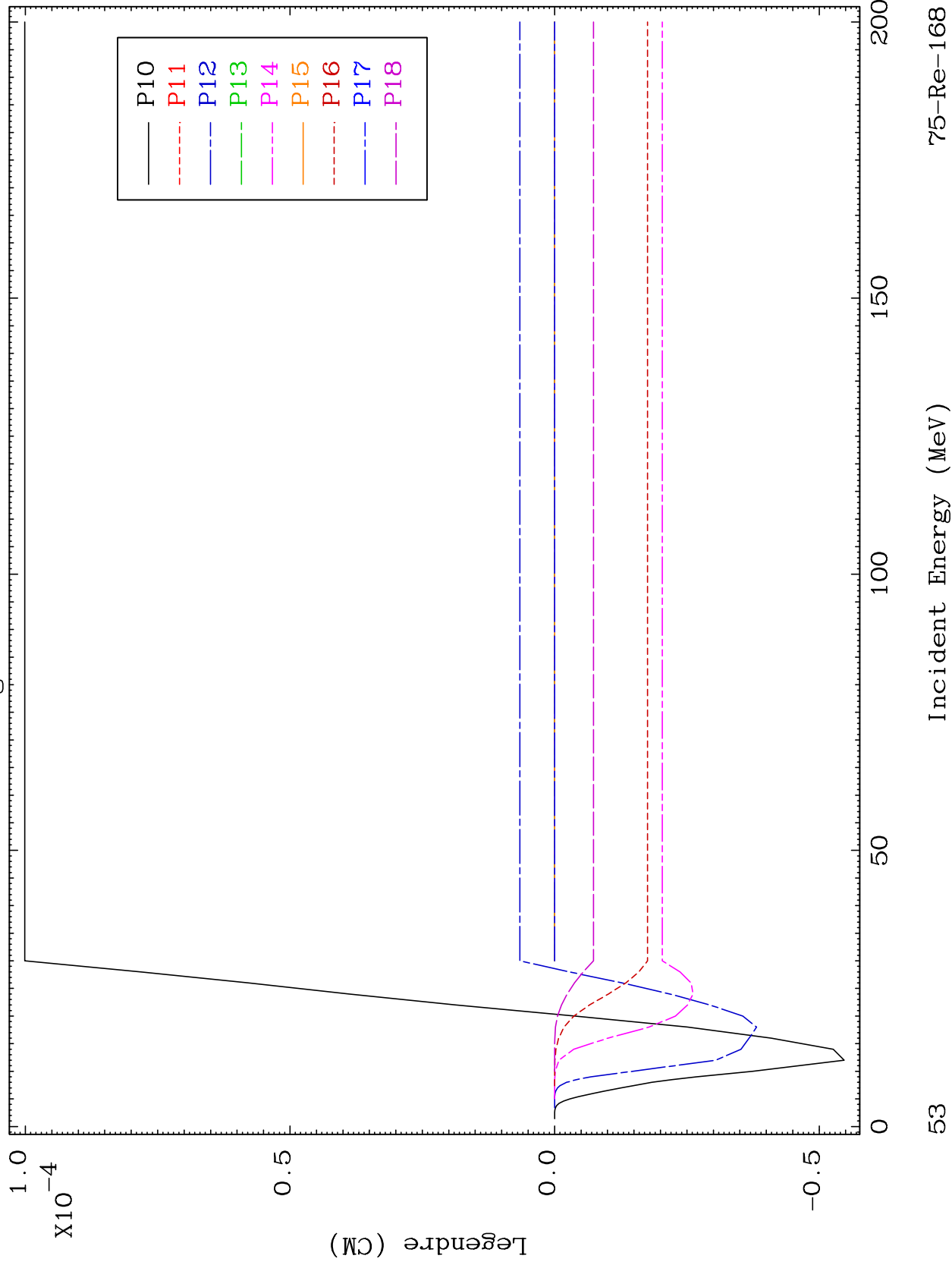




MAT 7474

381.2 keV (n,n') Level
Legendre Coefficients

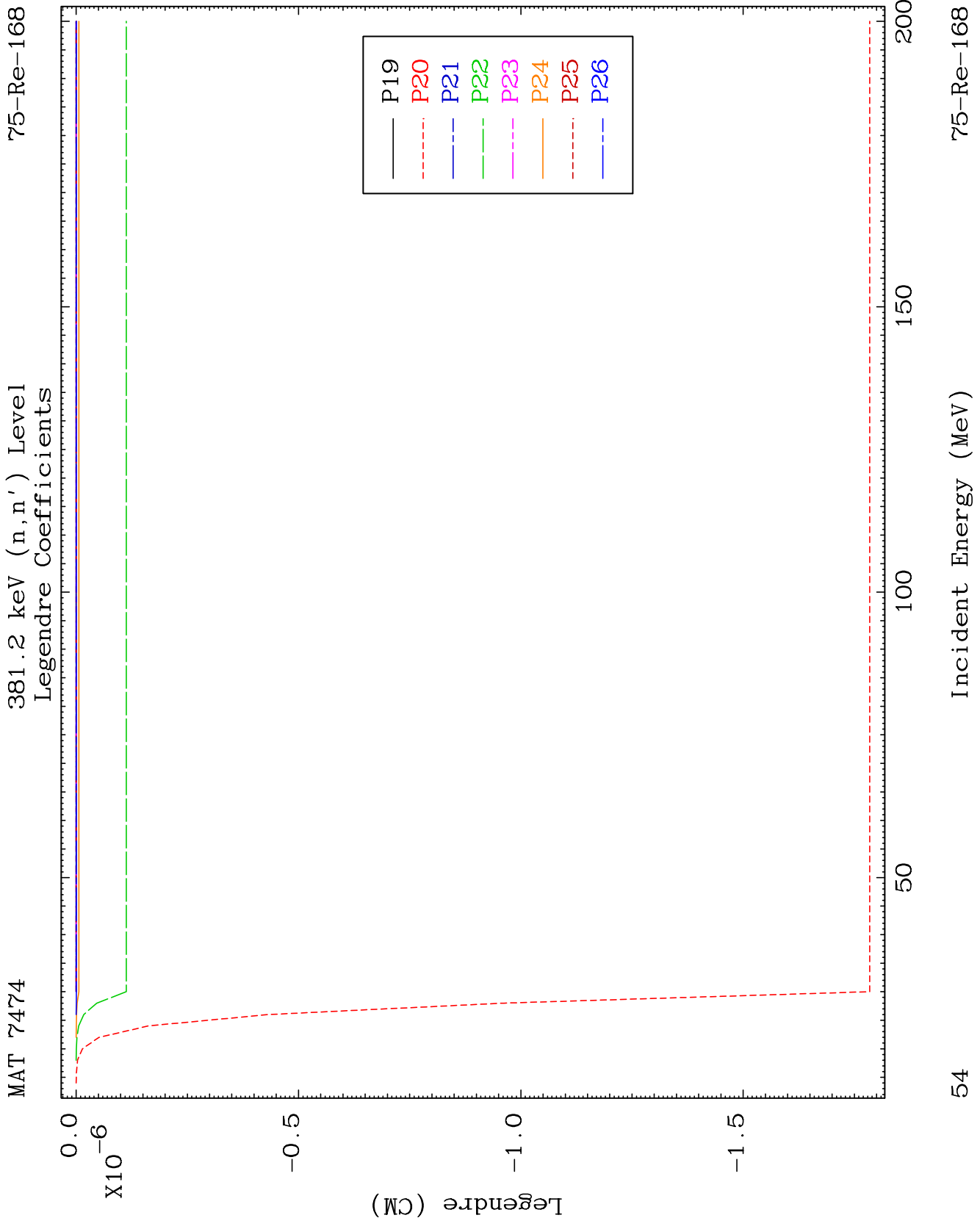
75-Re-168

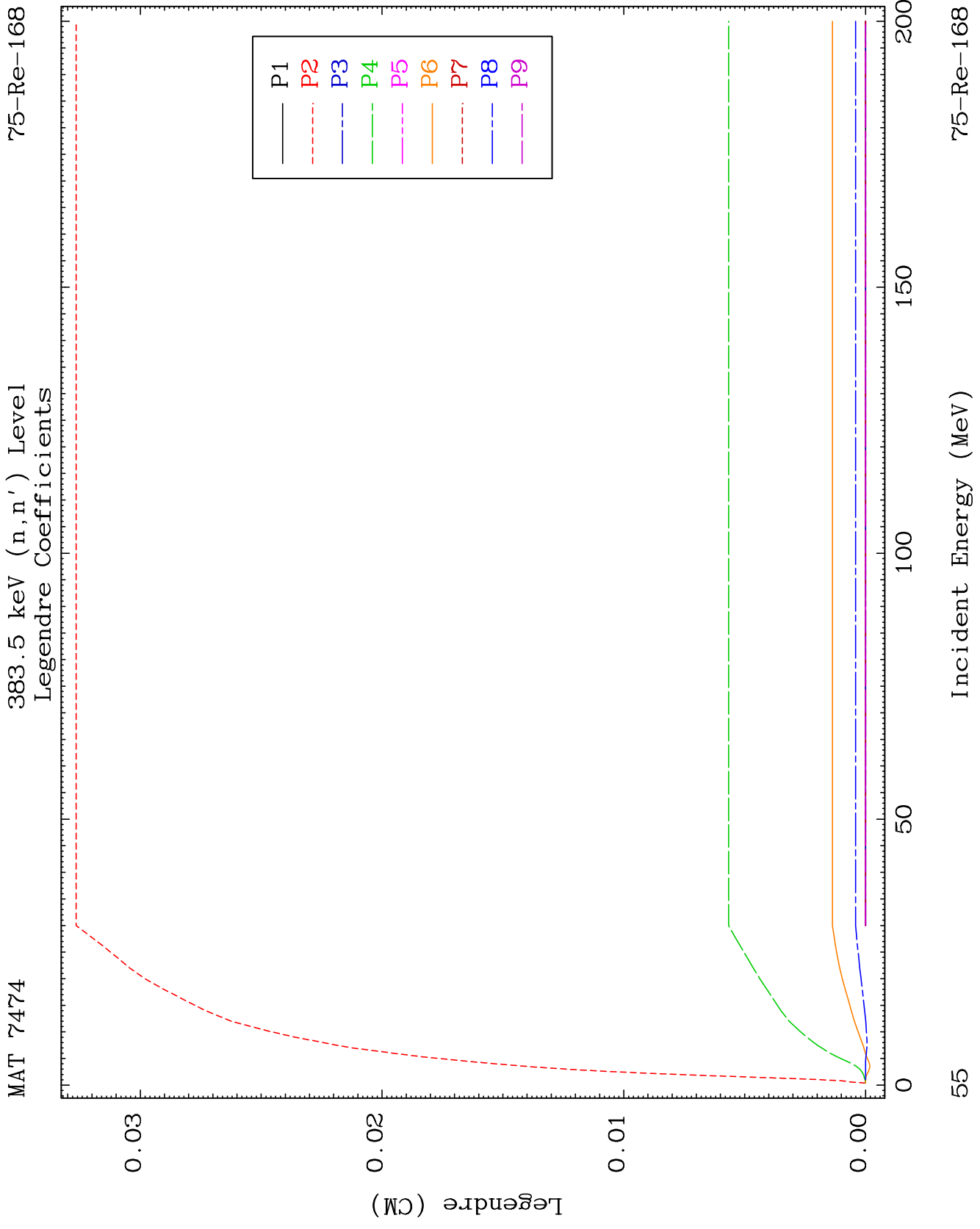


53

Incident Energy (MeV)

75-Re-168

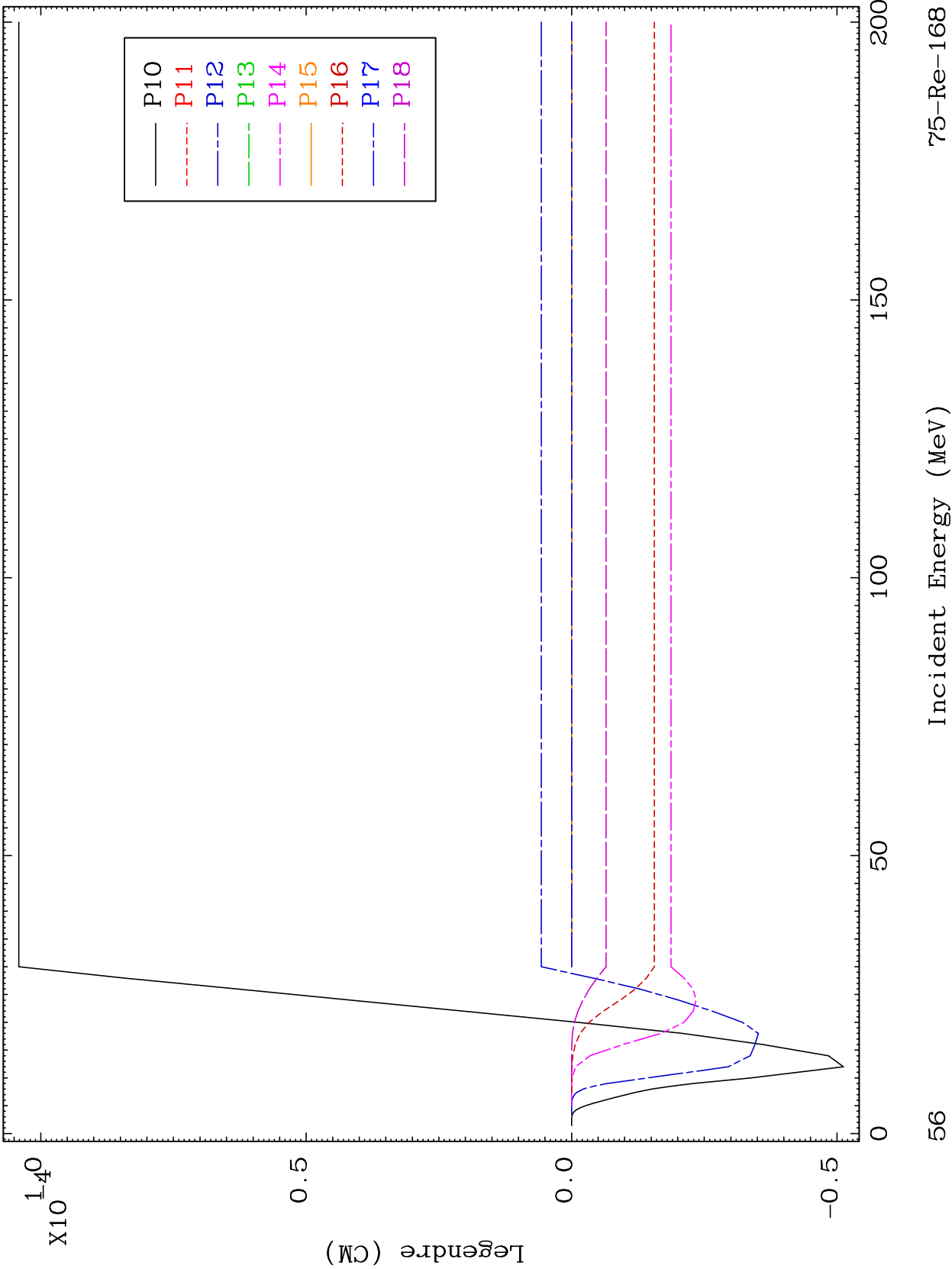




MAT 7474

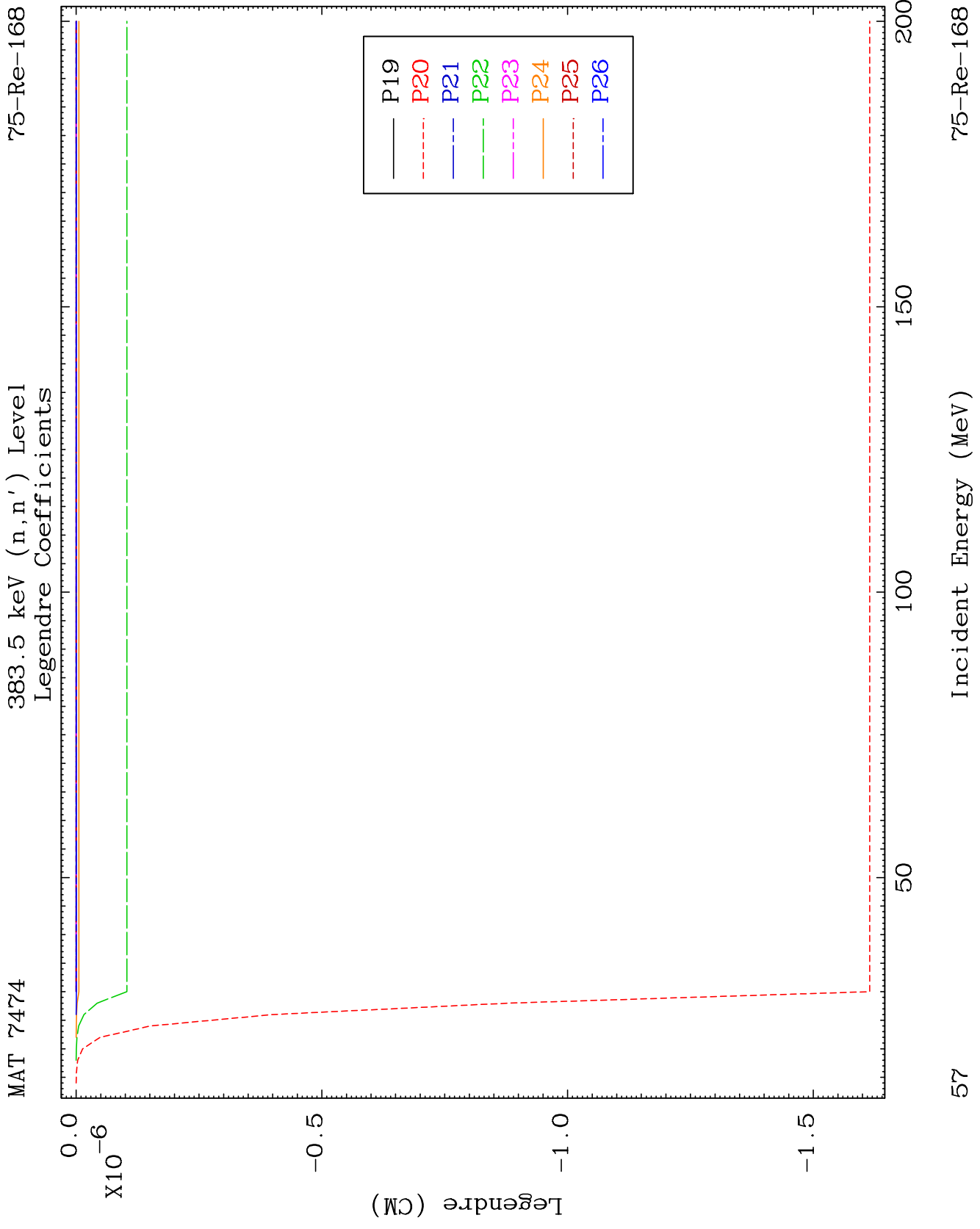
383.5 keV (n,n') Level
Legendre Coefficients

75-Re-168



56

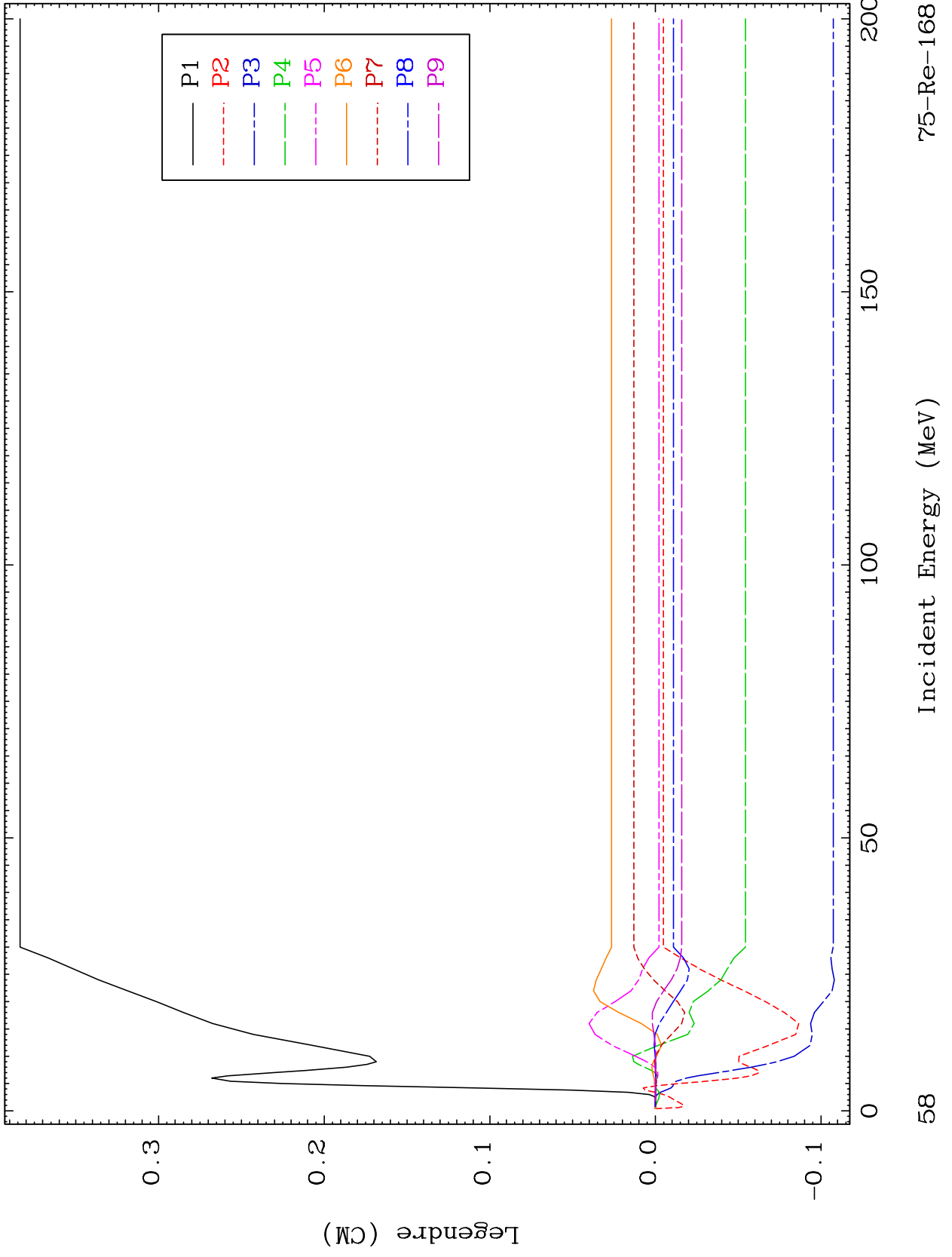
75-Re-168



MAT 7474

393.2 keV (n,n') Level
Legendre Coefficients

75-Re-168



75-Re-168

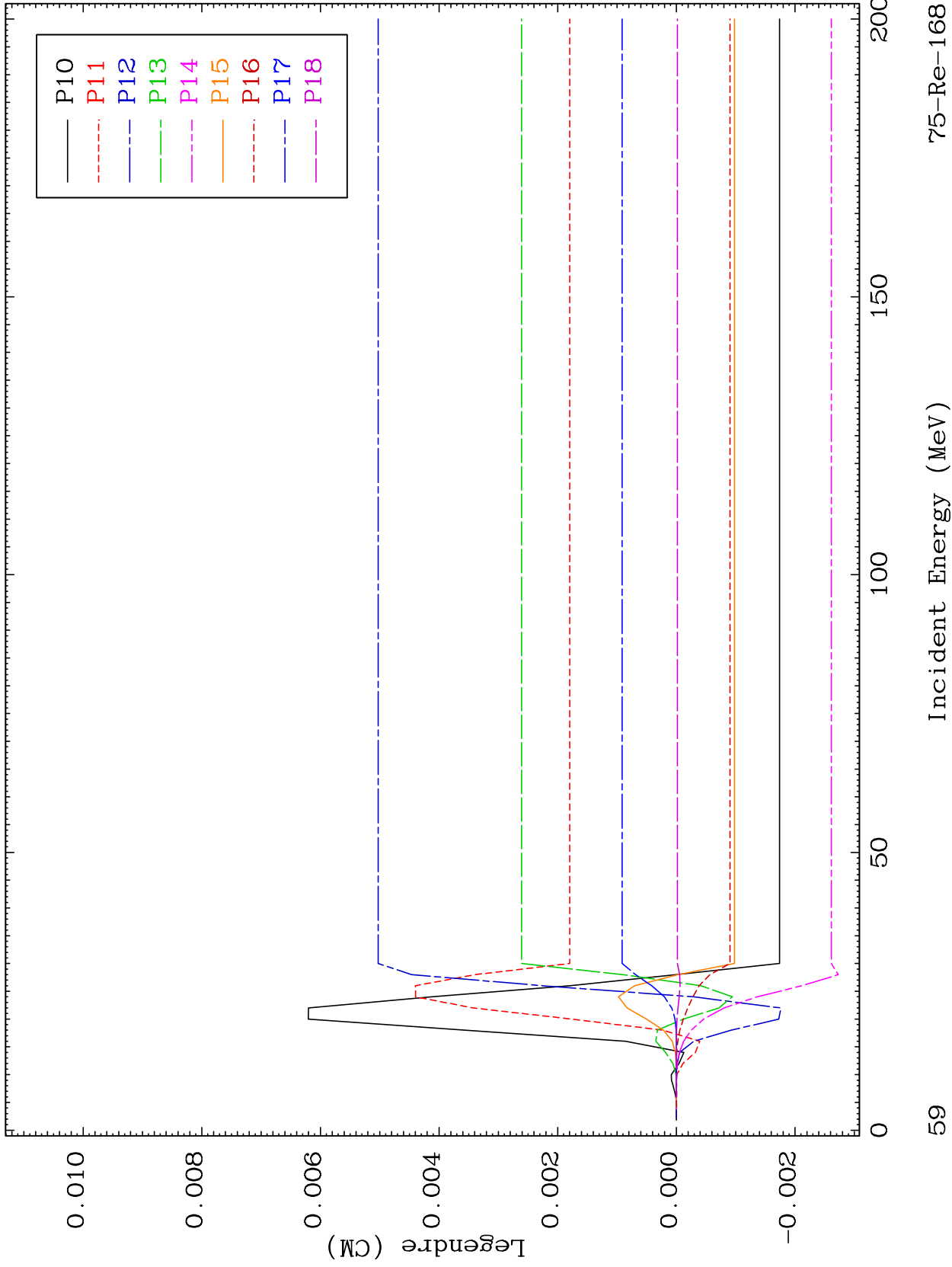
Incident Energy (MeV)

58

MAT 7474

393.2 keV (n,n') Level
Legendre Coefficients

75-Re-168



59

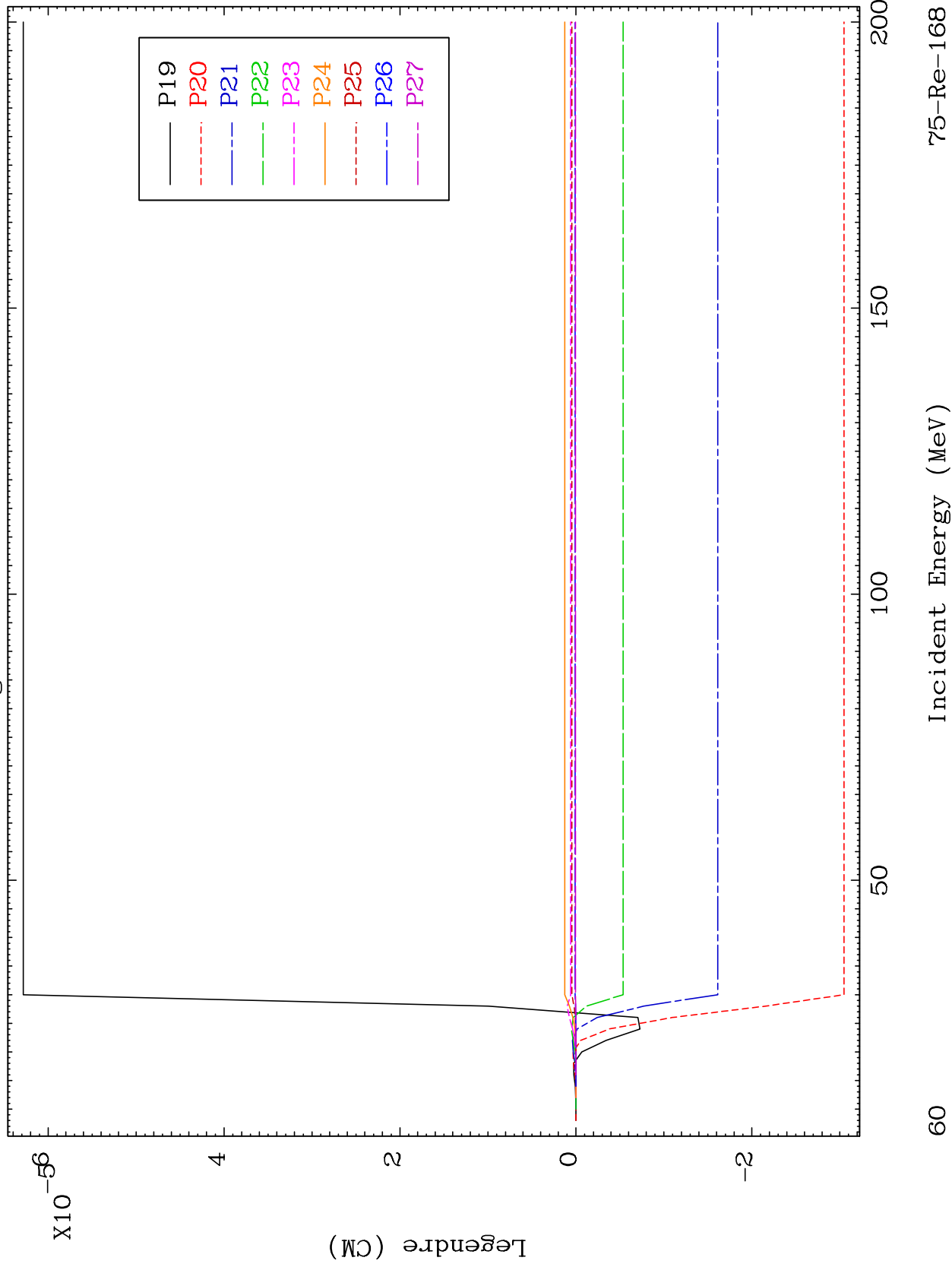
Incident Energy (MeV)

75-Re-168

MAT 7474

393.2 keV (n,n') Level
Legendre Coefficients

75-Re-168



60

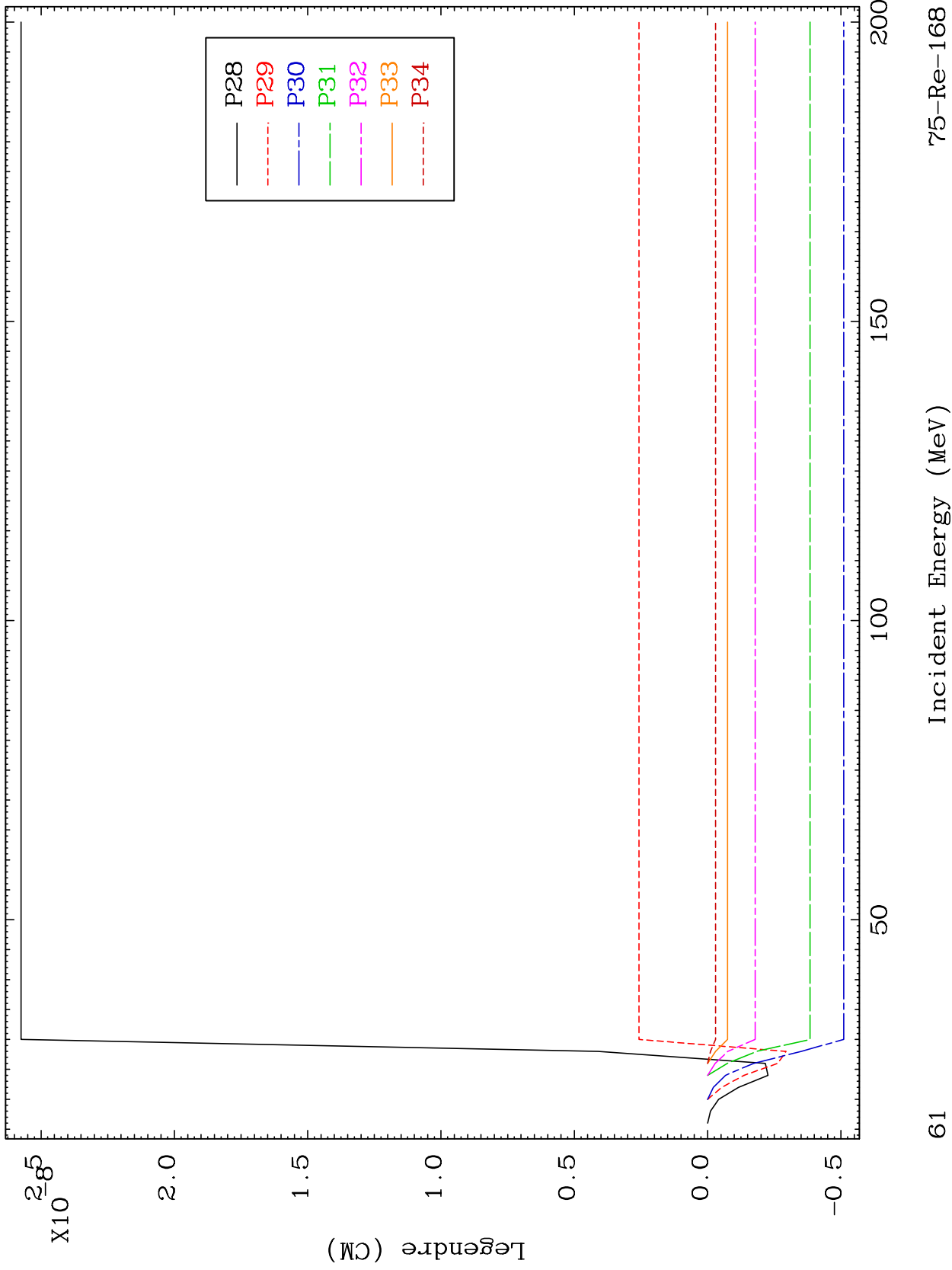
Incident Energy (MeV)

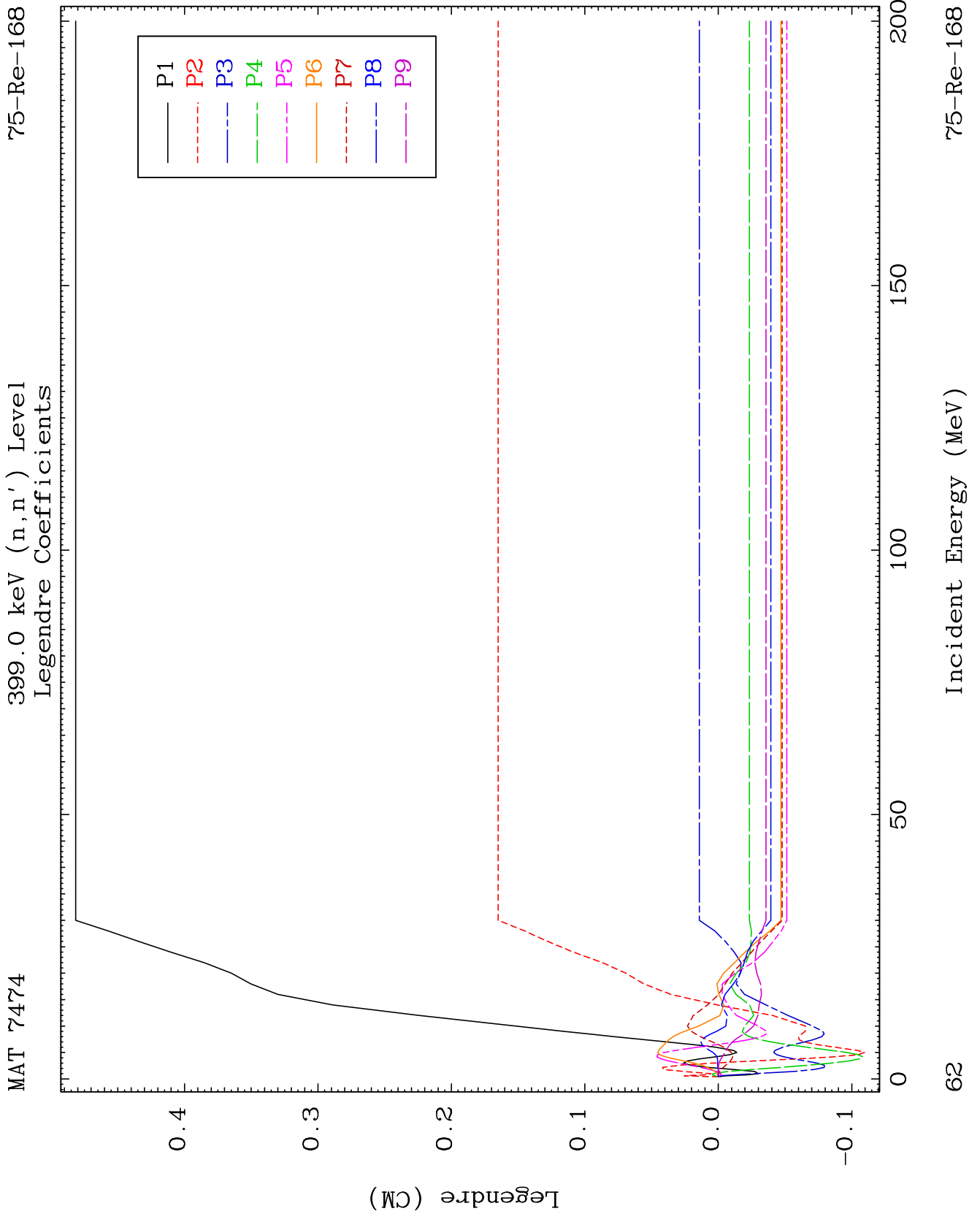
75-Re-168

MAT 7474

393.2 keV (n,n') Level
Legendre Coefficients

75-Re-168

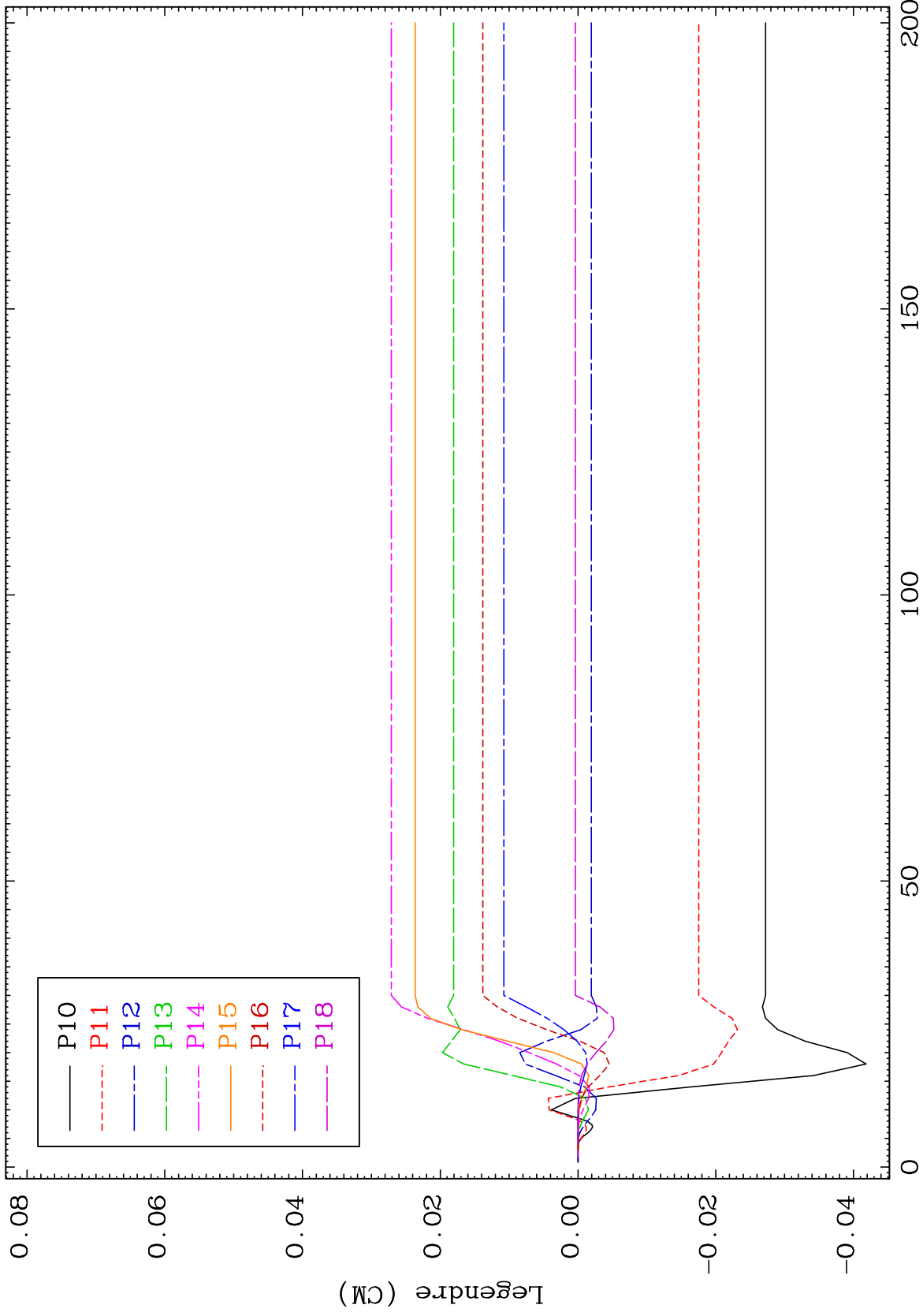




MAT 7474

399.0 keV (n,n') Level
Legendre Coefficients

75-Re-168



63

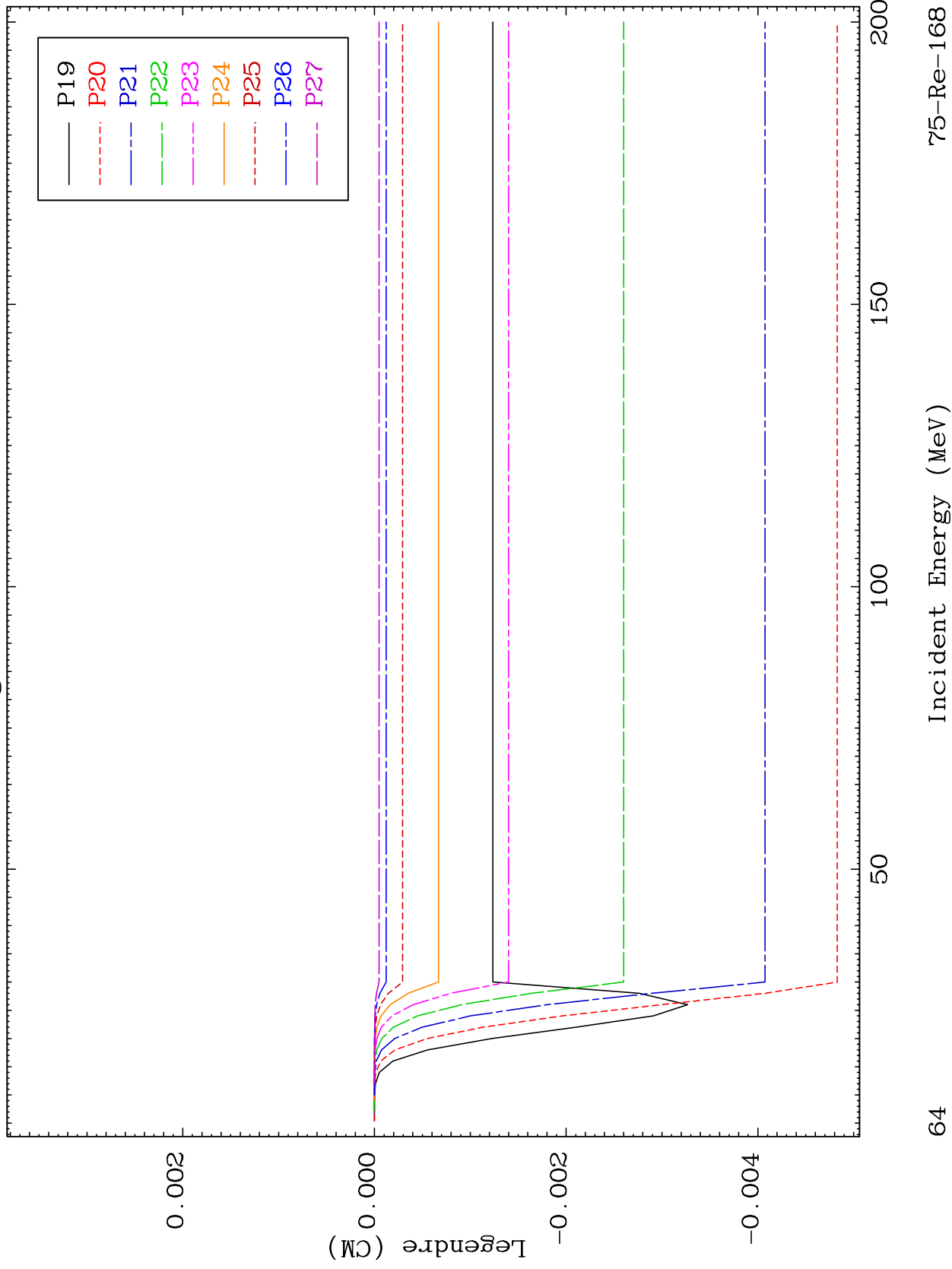
Incident Energy (MeV)

75-Re-168

MAT 7474

399.0 keV (n,n') Level
Legendre Coefficients

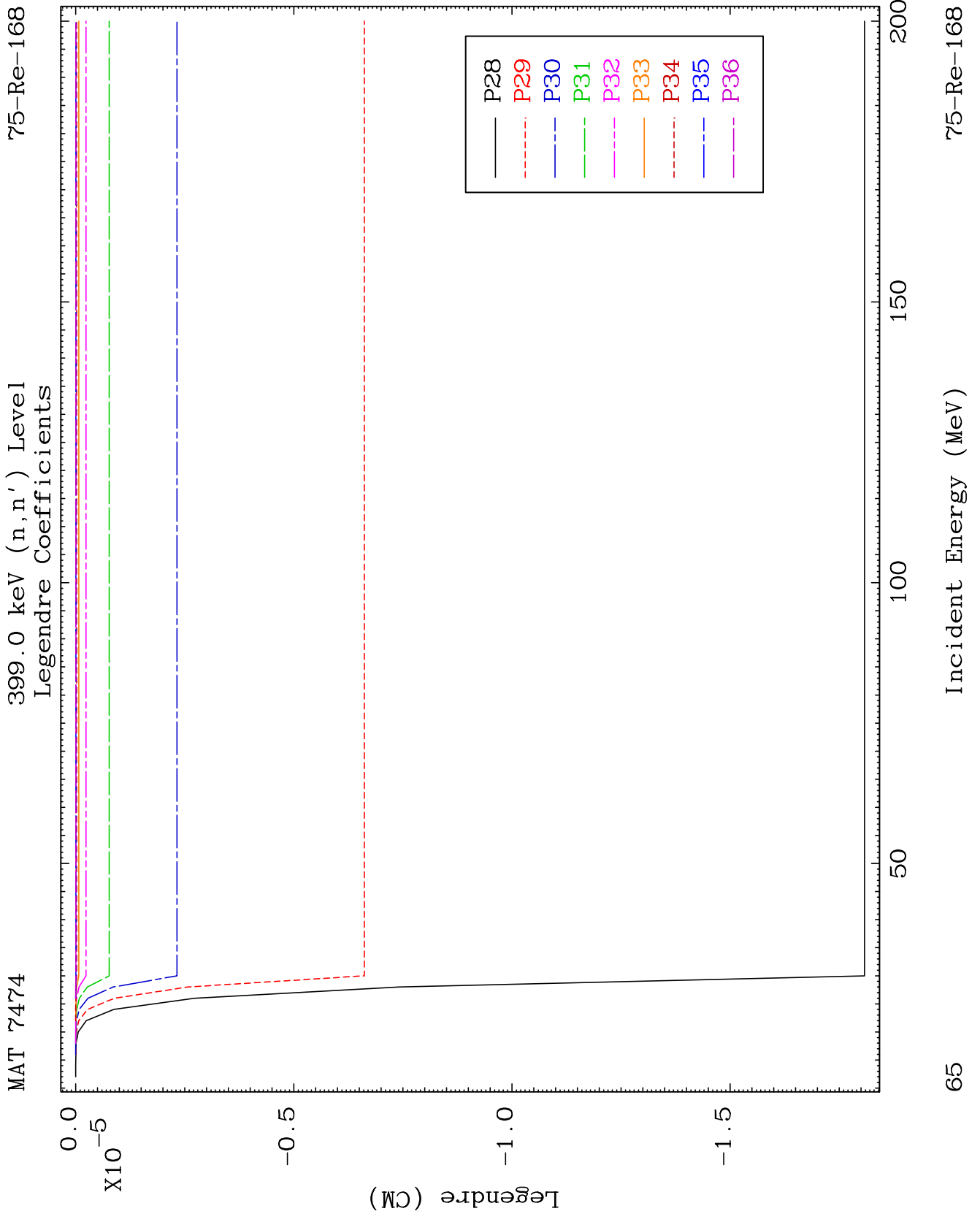
75-Re-168



64

Incident Energy (MeV)

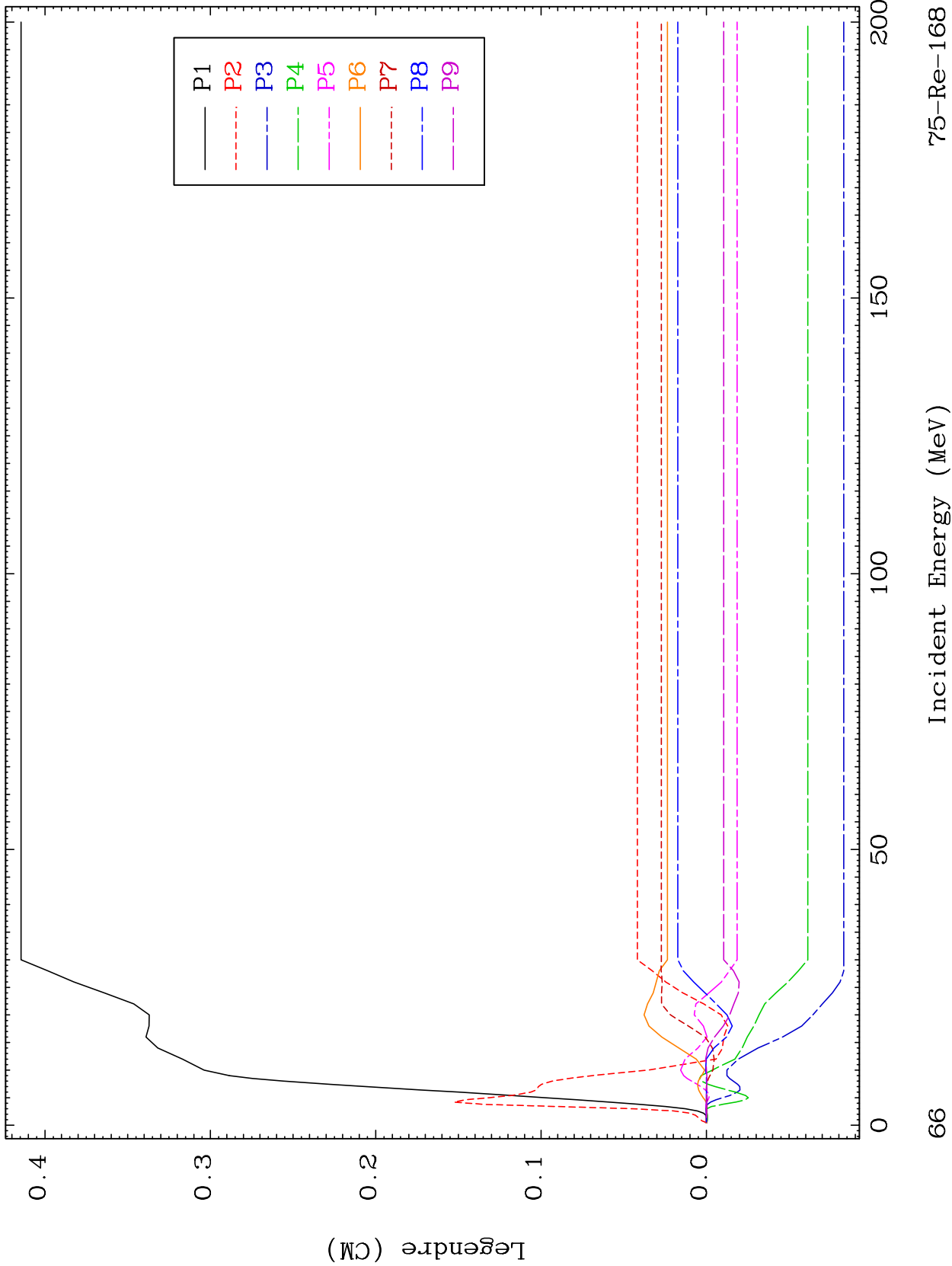
75-Re-168



MAT 7474

402.2 keV (n,n') Level
Legendre Coefficients

75-Re-168



66

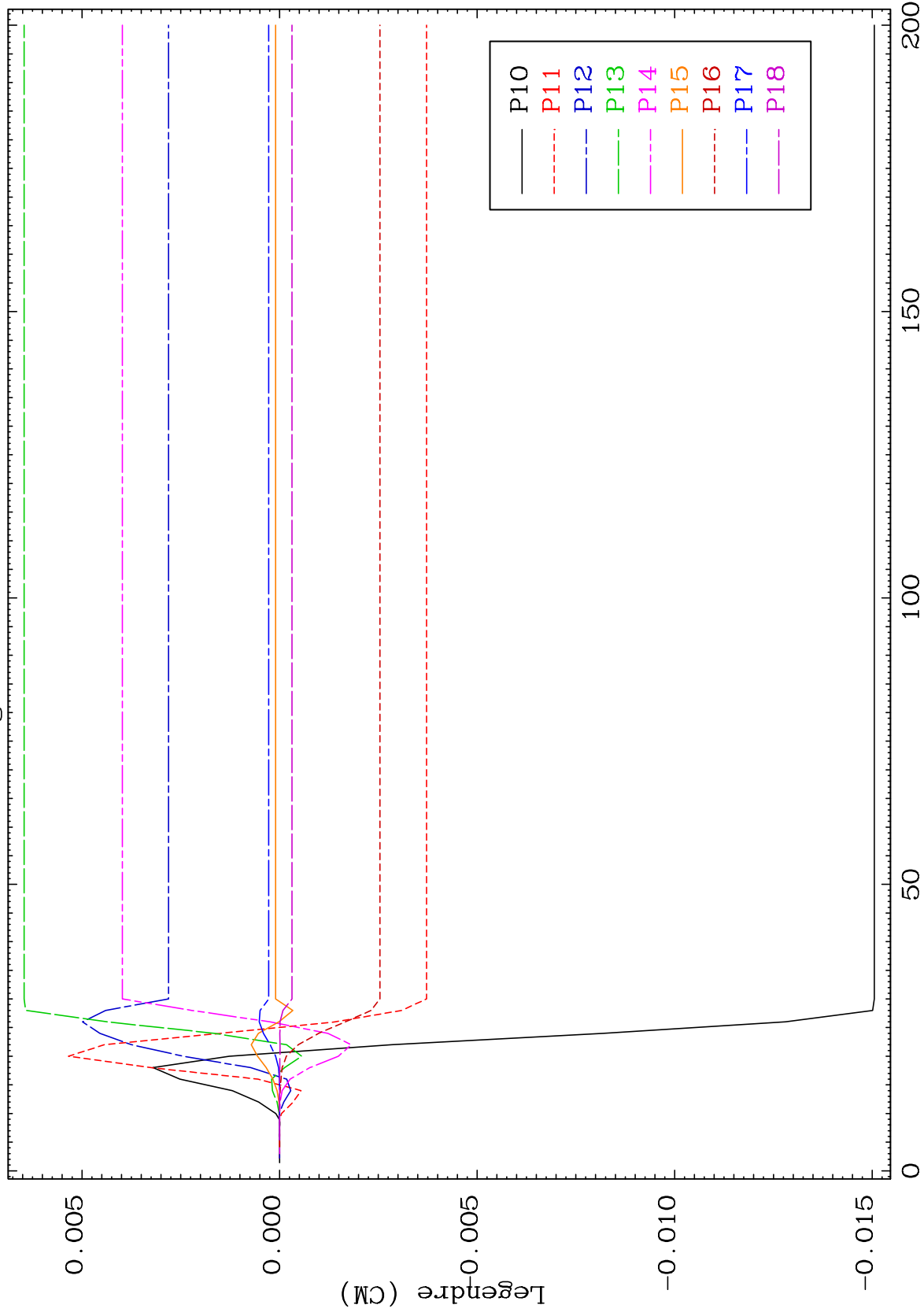
Incident Energy (MeV)

75-Re-168

MAT 7474

402.2 keV (n,n') Level
Legendre Coefficients

75-Re-168



67

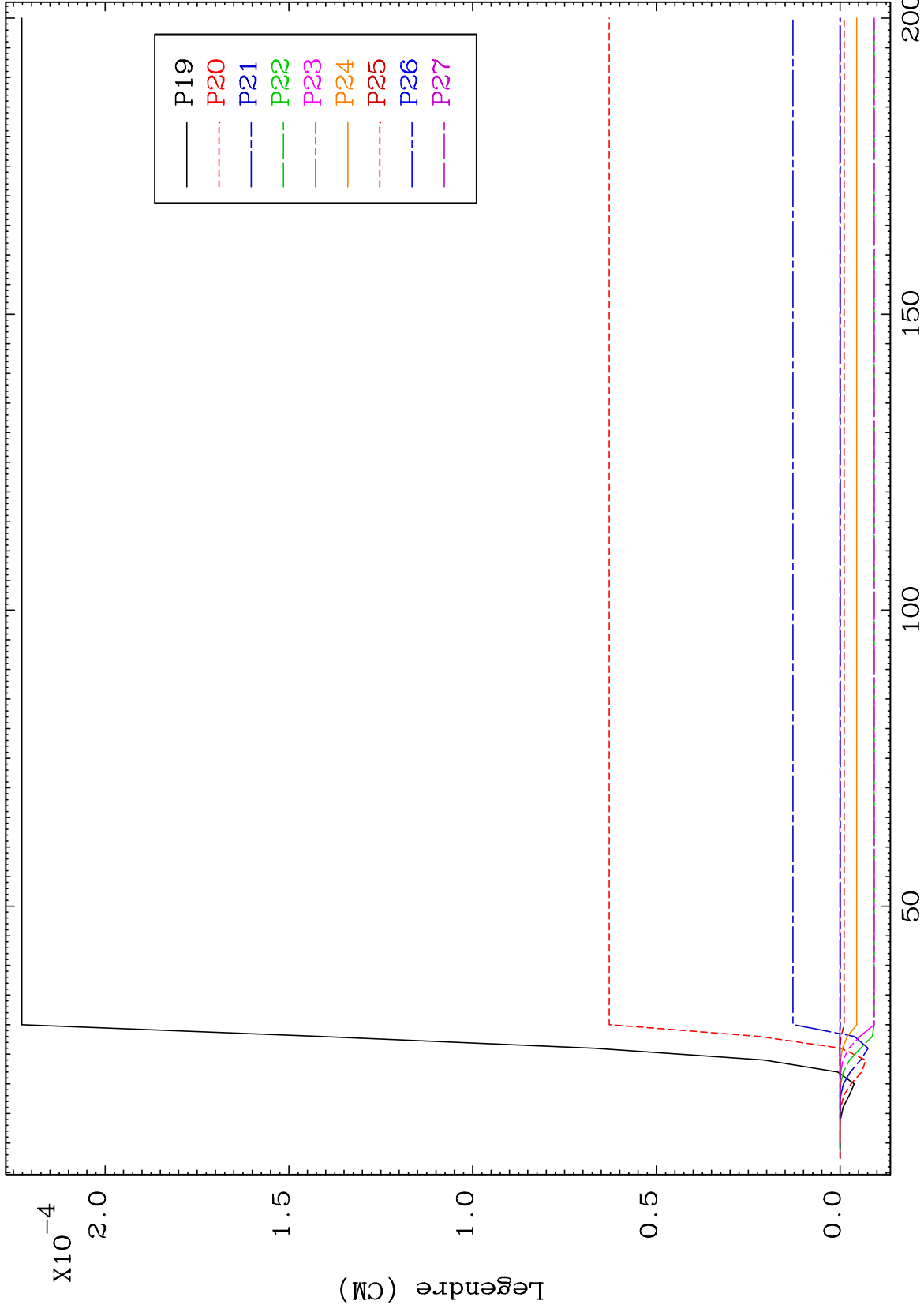
Incident Energy (MeV)

75-Re-168

MAT 7474

402.2 keV (n, n') Level
Legendre Coefficients

75-Re-168



68

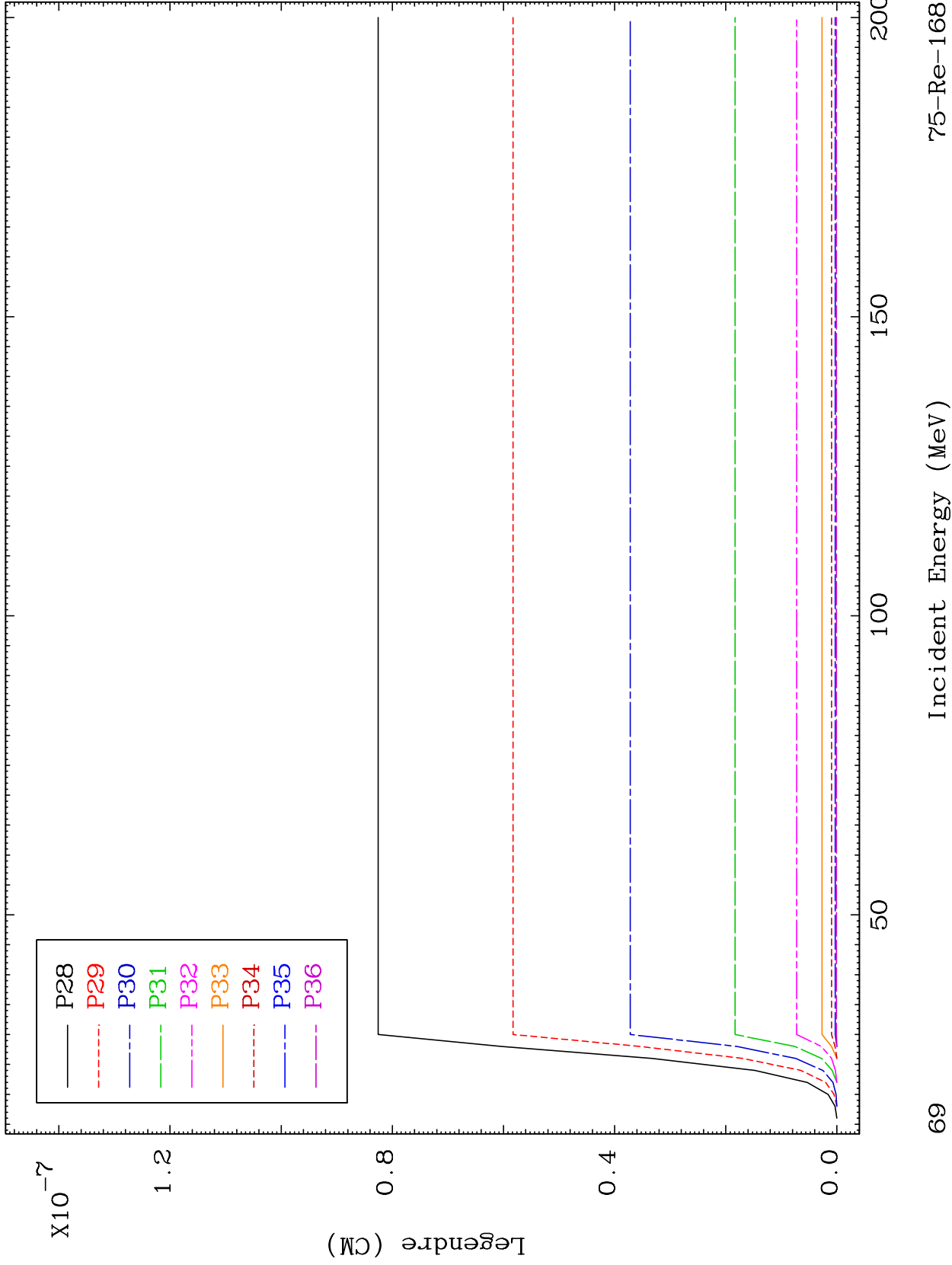
Incident Energy (MeV)

75-Re-168

MAT 7474

402.2 keV (n,n') Level
Legendre Coefficients

75-Re-168



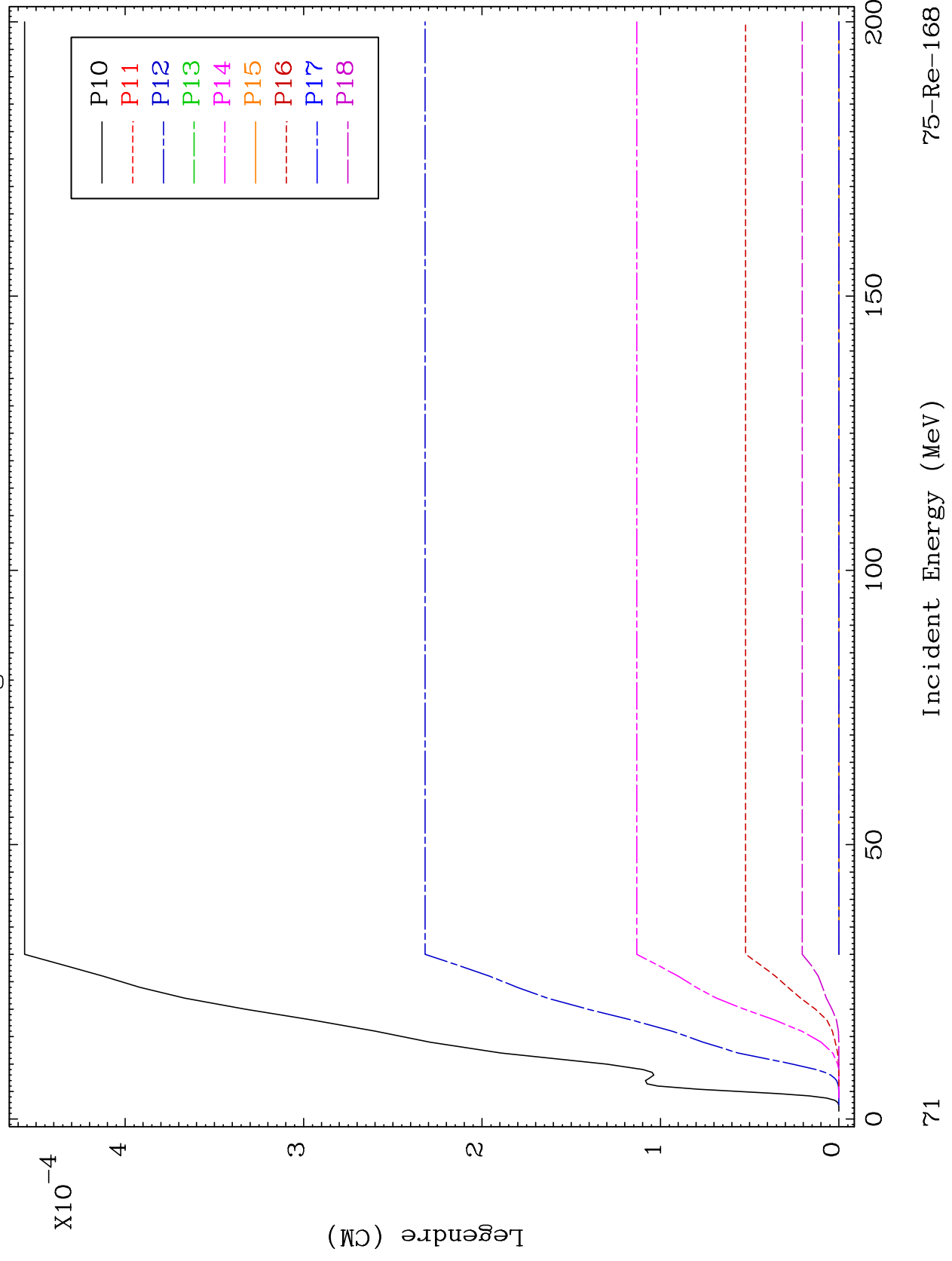
69

75-Re-168

MAT 7474

405.5 keV (n,n') Level
Legendre Coefficients

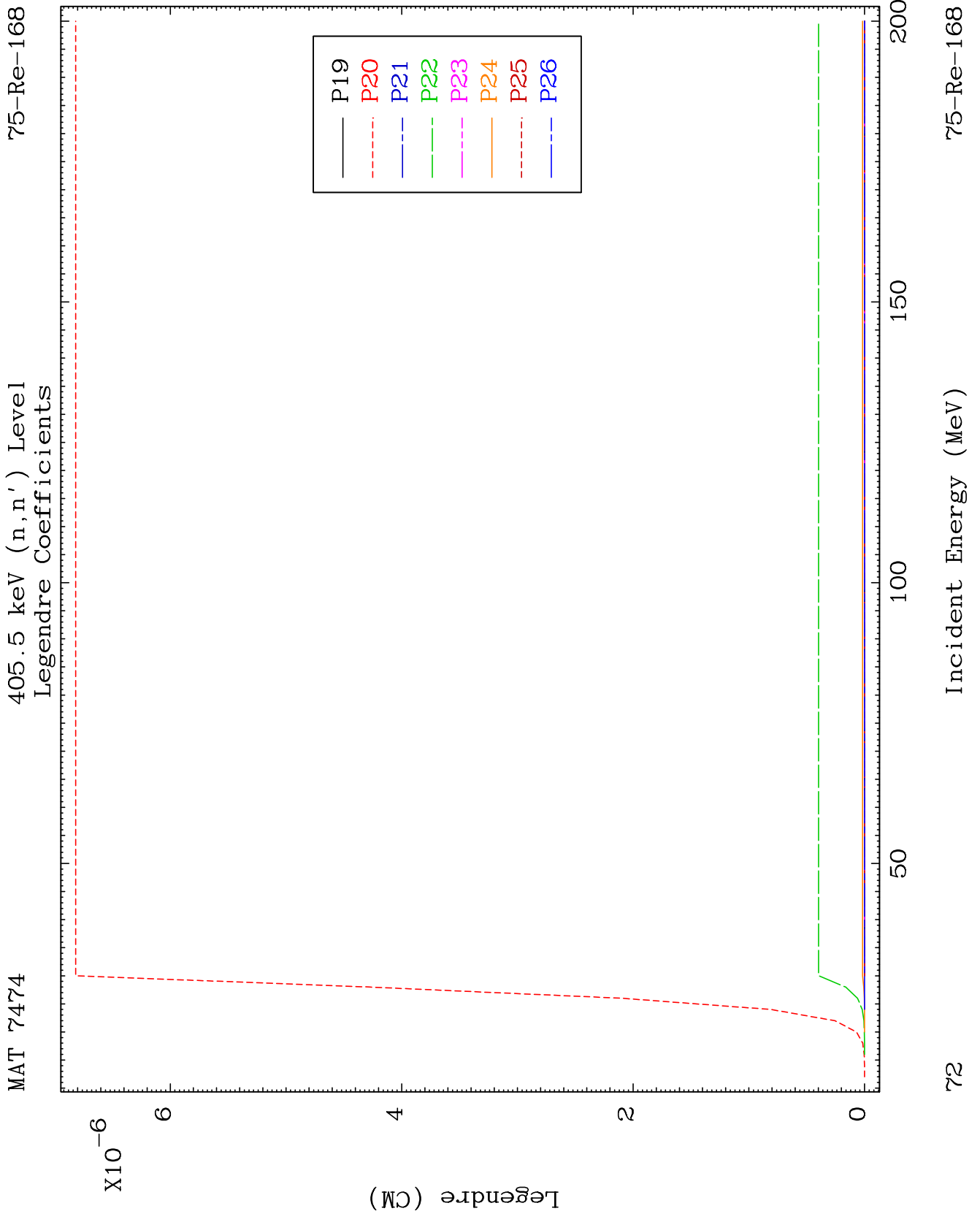
75-Re-168

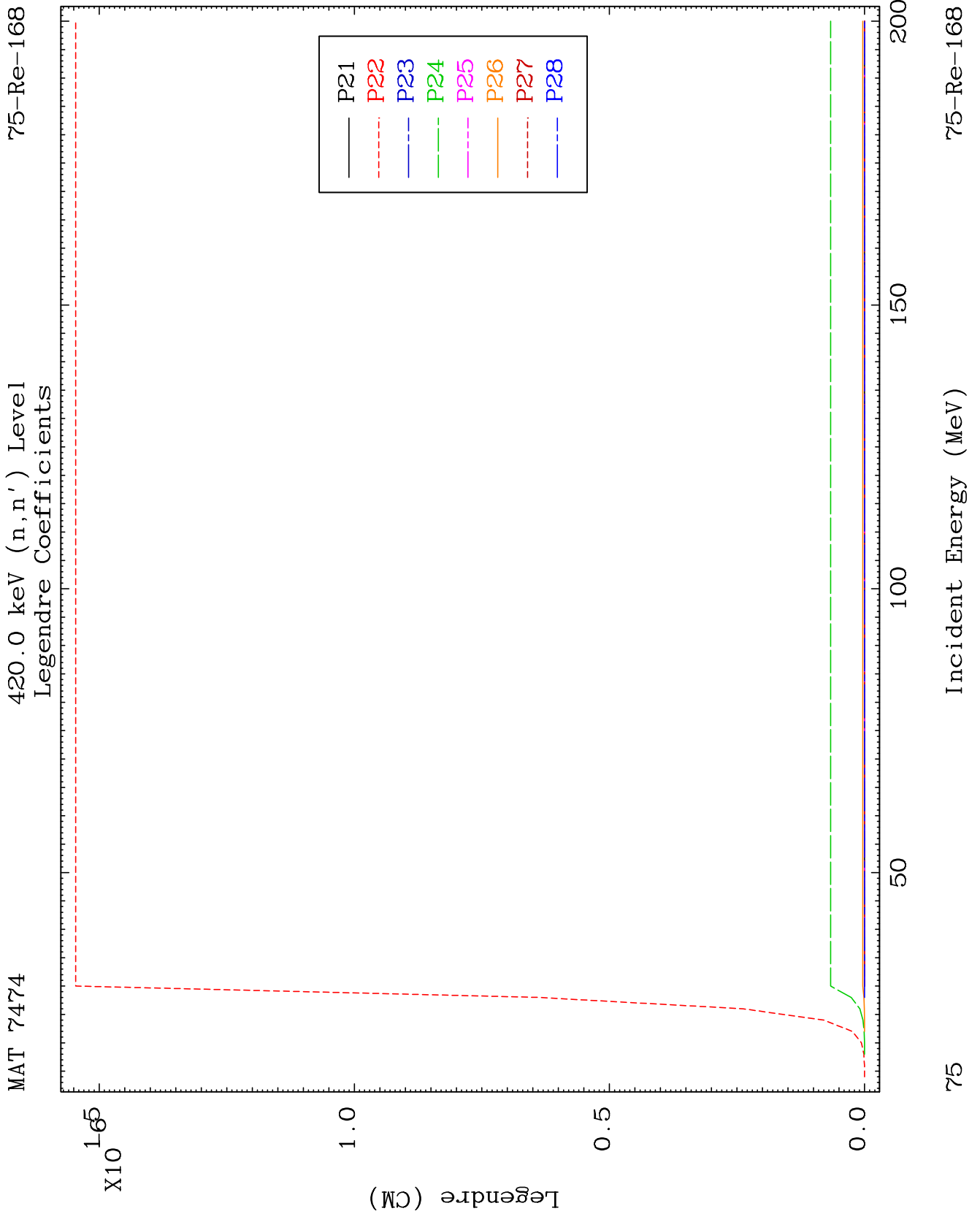


71

Incident Energy (MeV)

75-Re-168

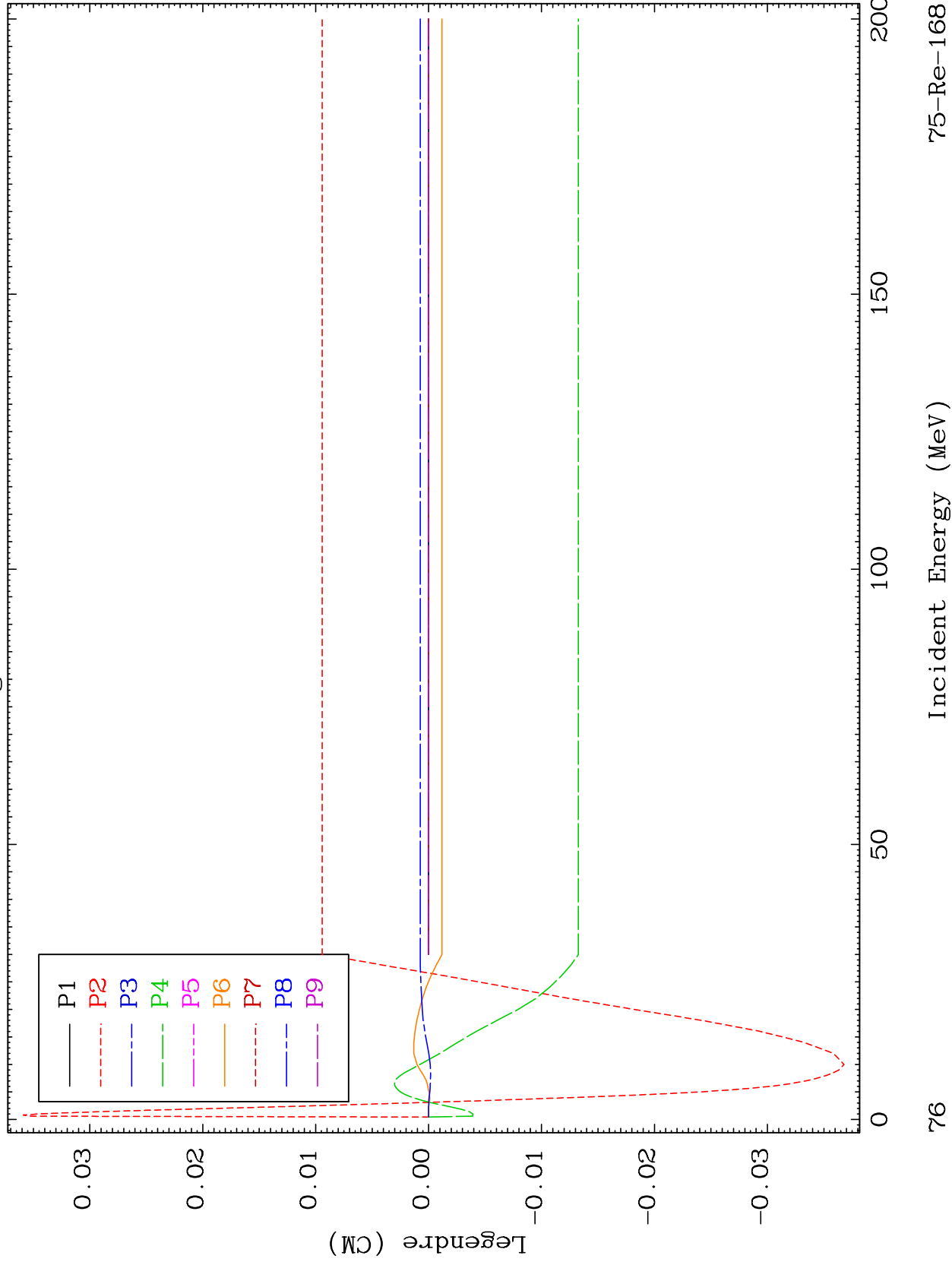




MAT 7474

428.6 keV (n,n') Level
Legendre Coefficients

75-Re-168



75-Re-168

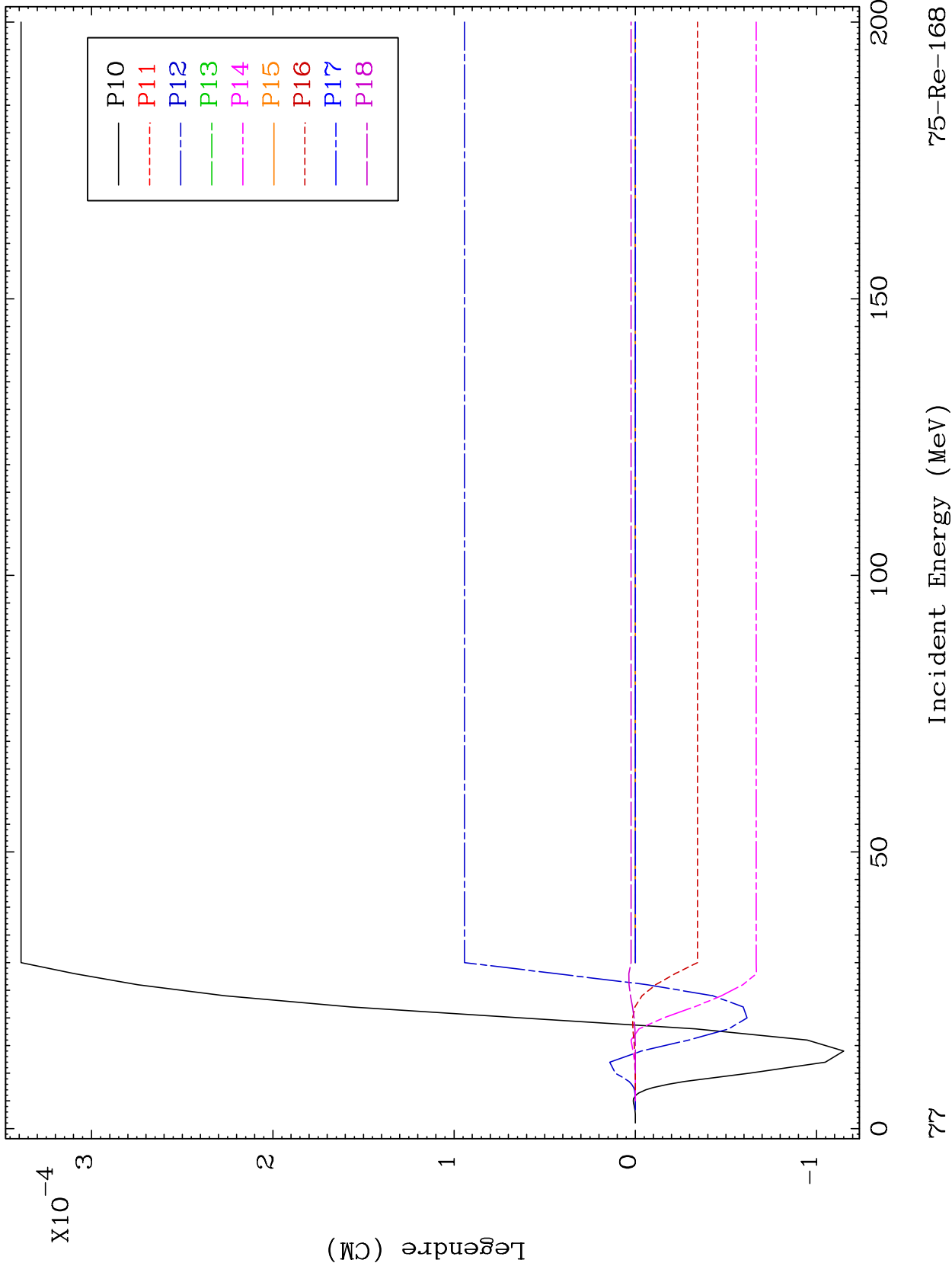
Incident Energy (MeV)

76

MAT 7474

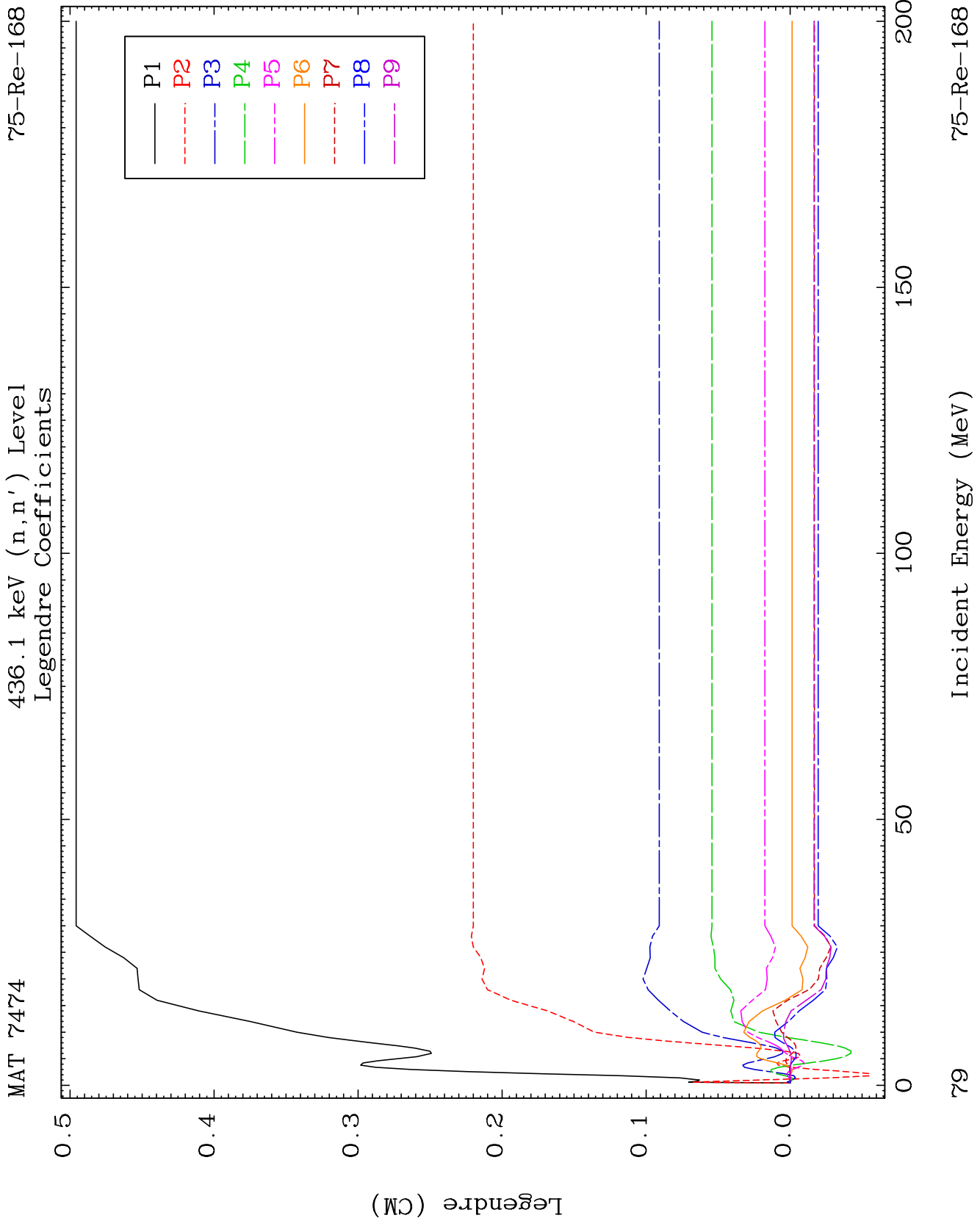
428.6 keV (n,n') Level
Legendre Coefficients

75-Re-168



77

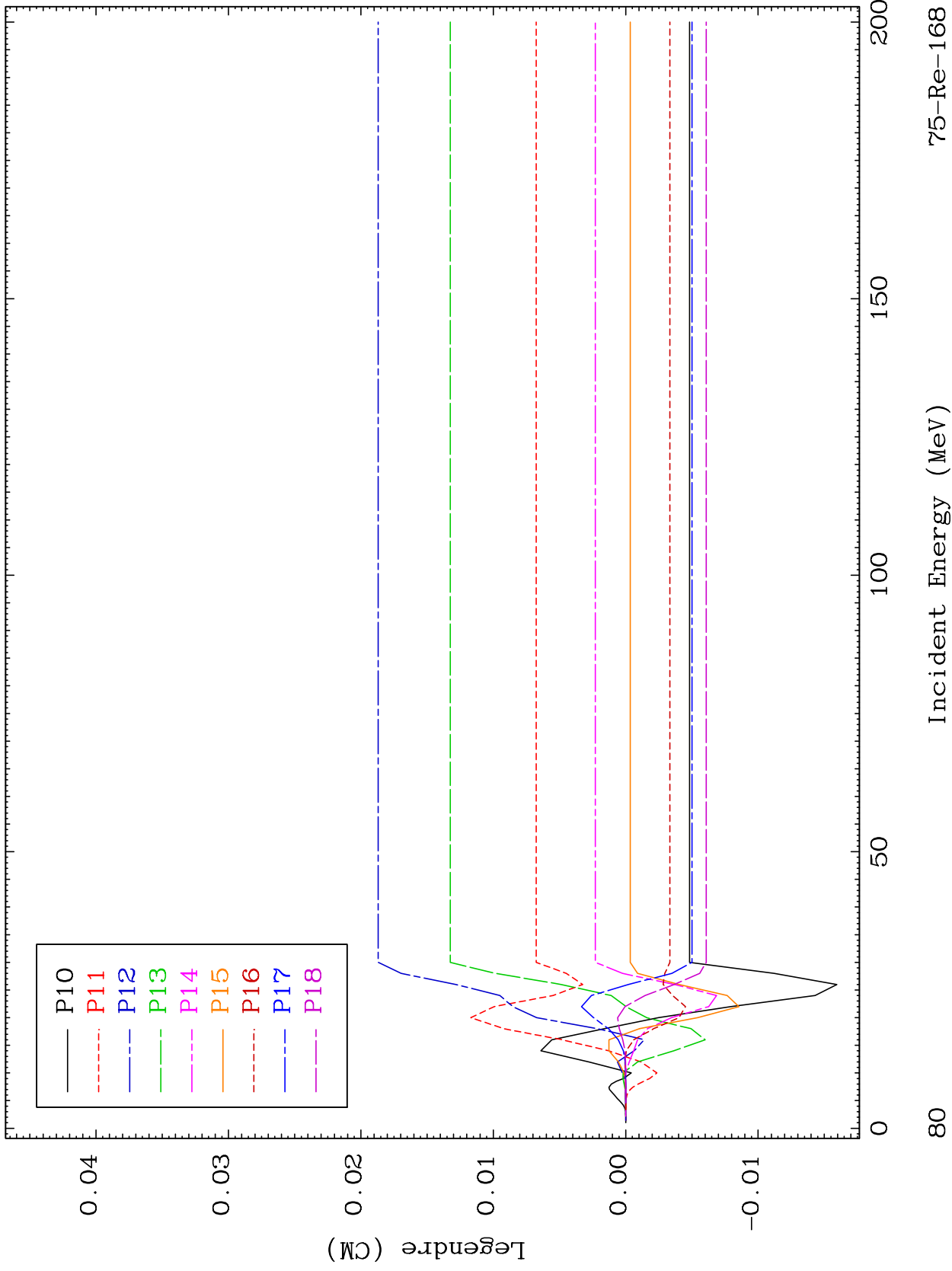
75-Re-168



MAT 7474

436.1 keV (n, n') Level
Legendre Coefficients

75-Re-168



75-Re-168

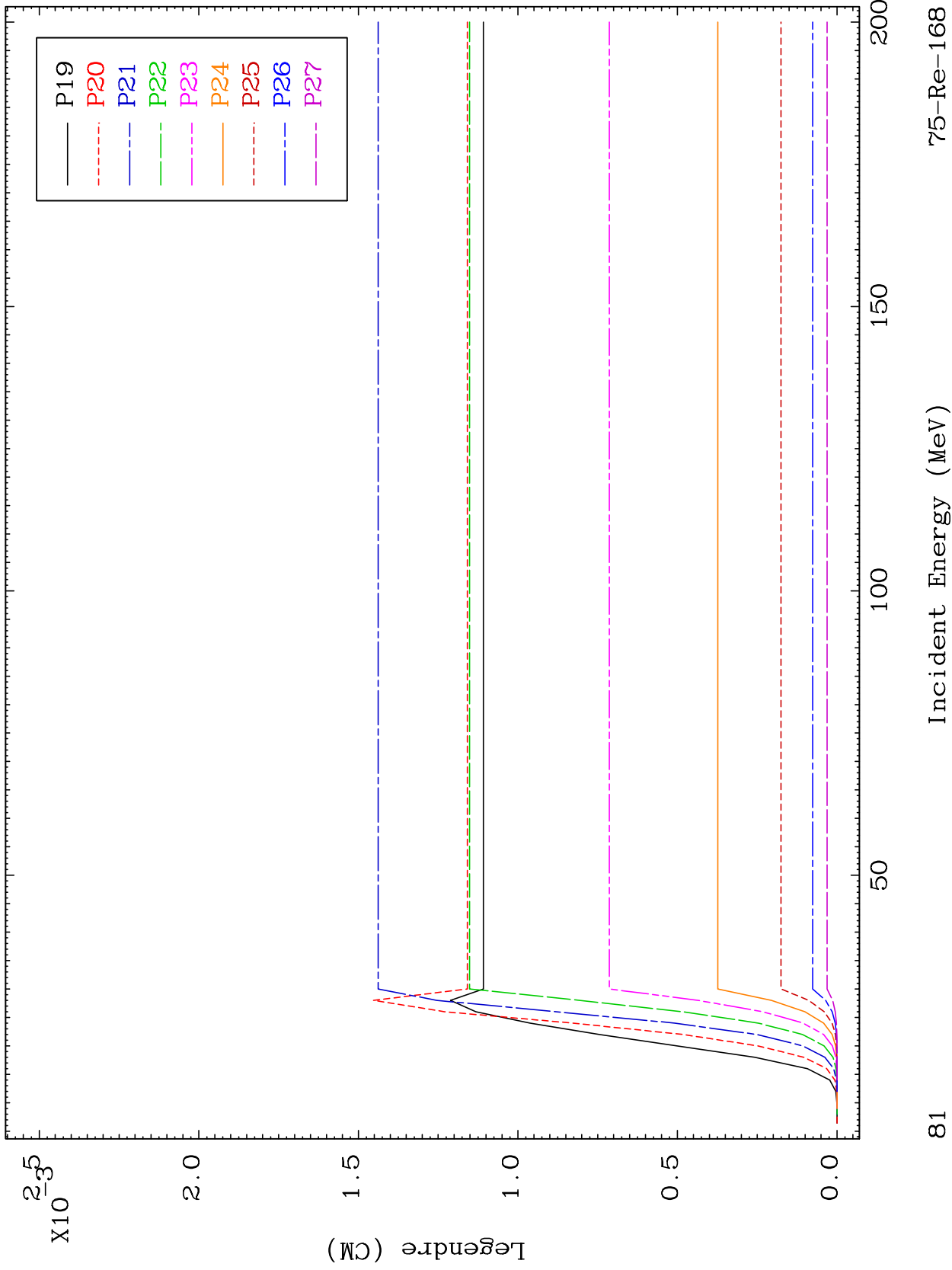
Incident Energy (MeV)

80

MAT 7474

436.1 keV (n,n') Level
Legendre Coefficients

75-Re-168



81

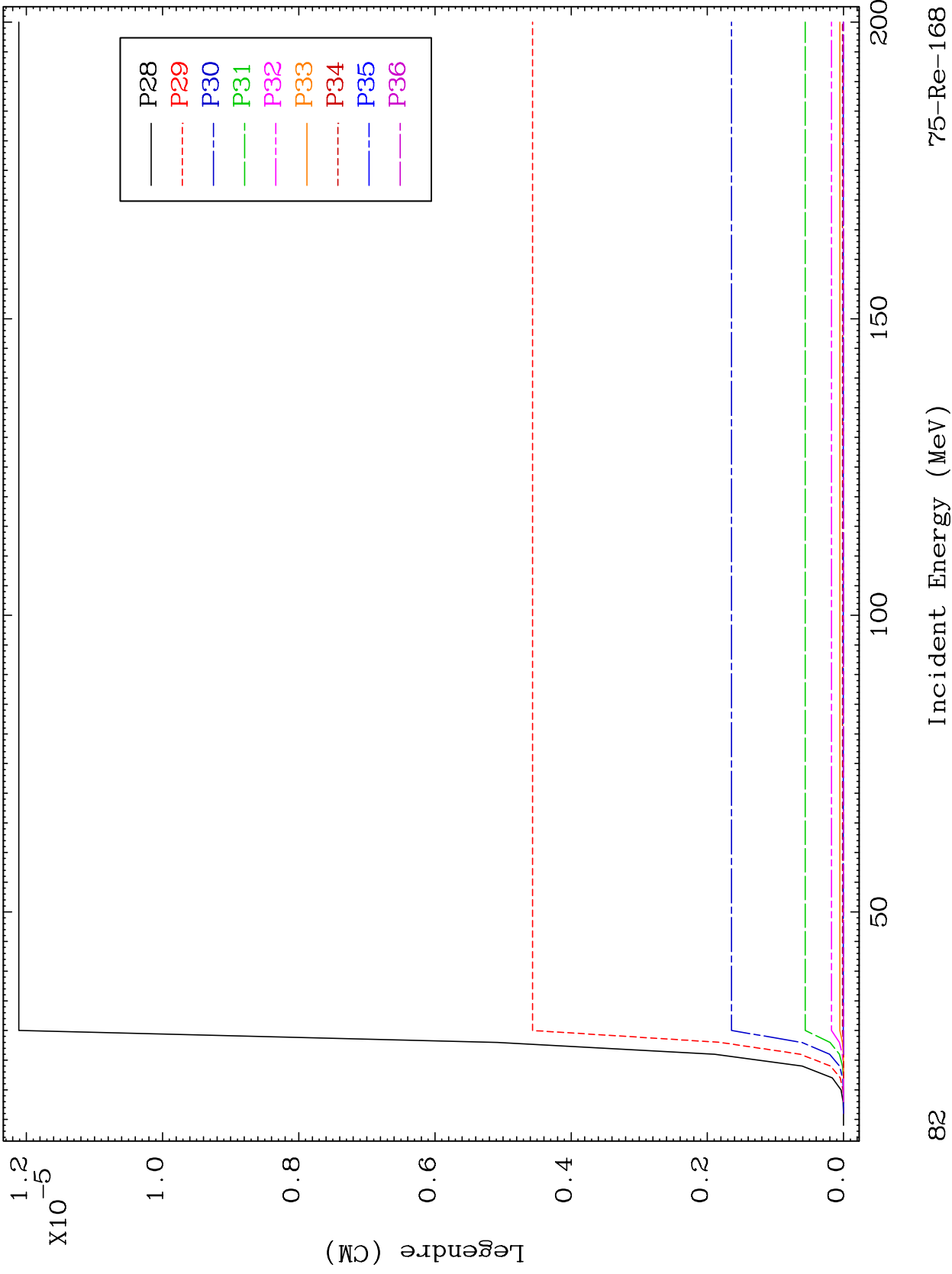
Incident Energy (MeV)

75-Re-168

MAT 7474

436.1 keV (n,n') Level
Legendre Coefficients

75-Re-168



82

Incident Energy (MeV)

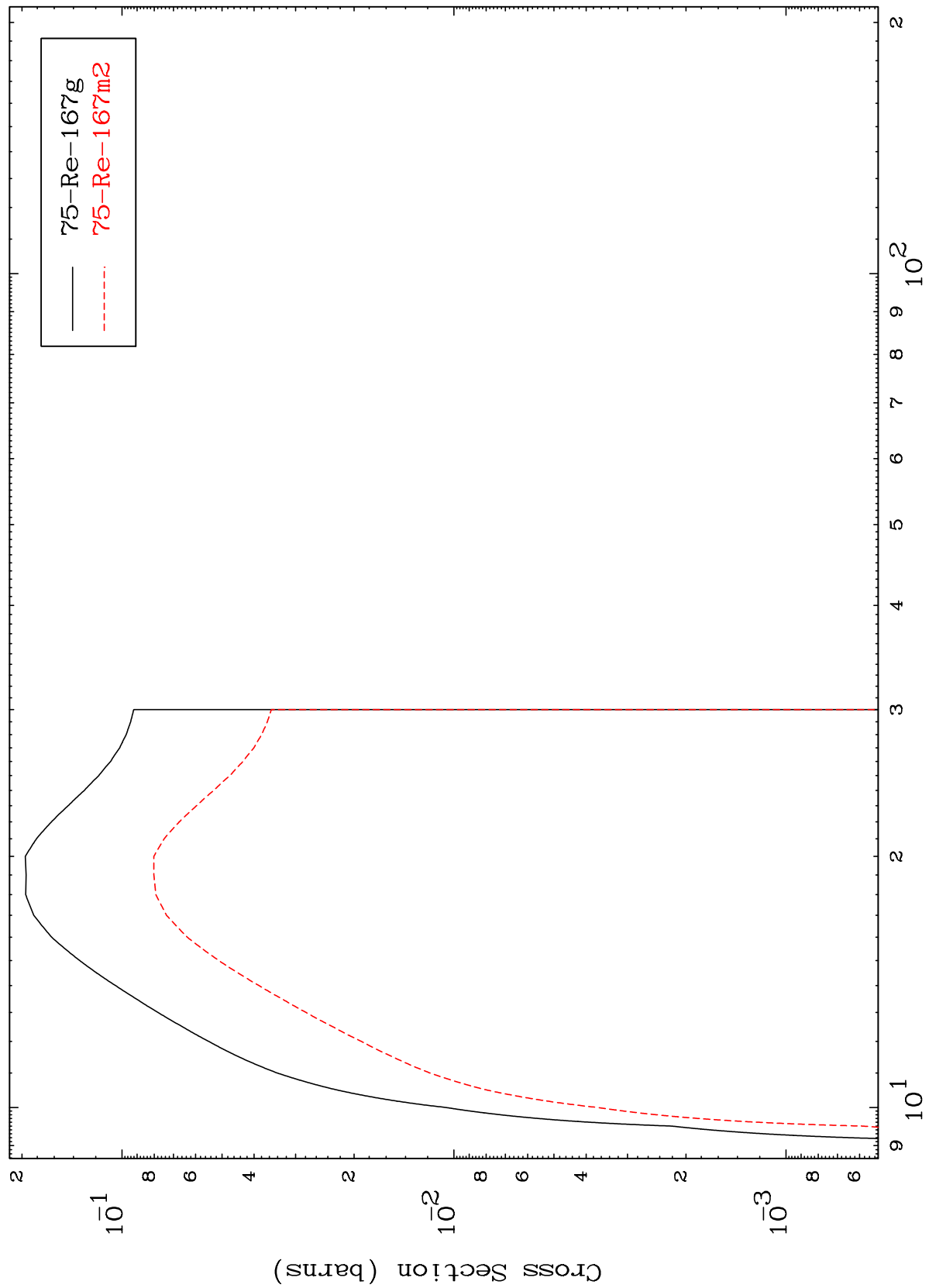
75-Re-168

MAT 7474

75-Re-168

(n,2n)

Radionuclide Production Cross Section



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

83

Incident Energy (MeV)

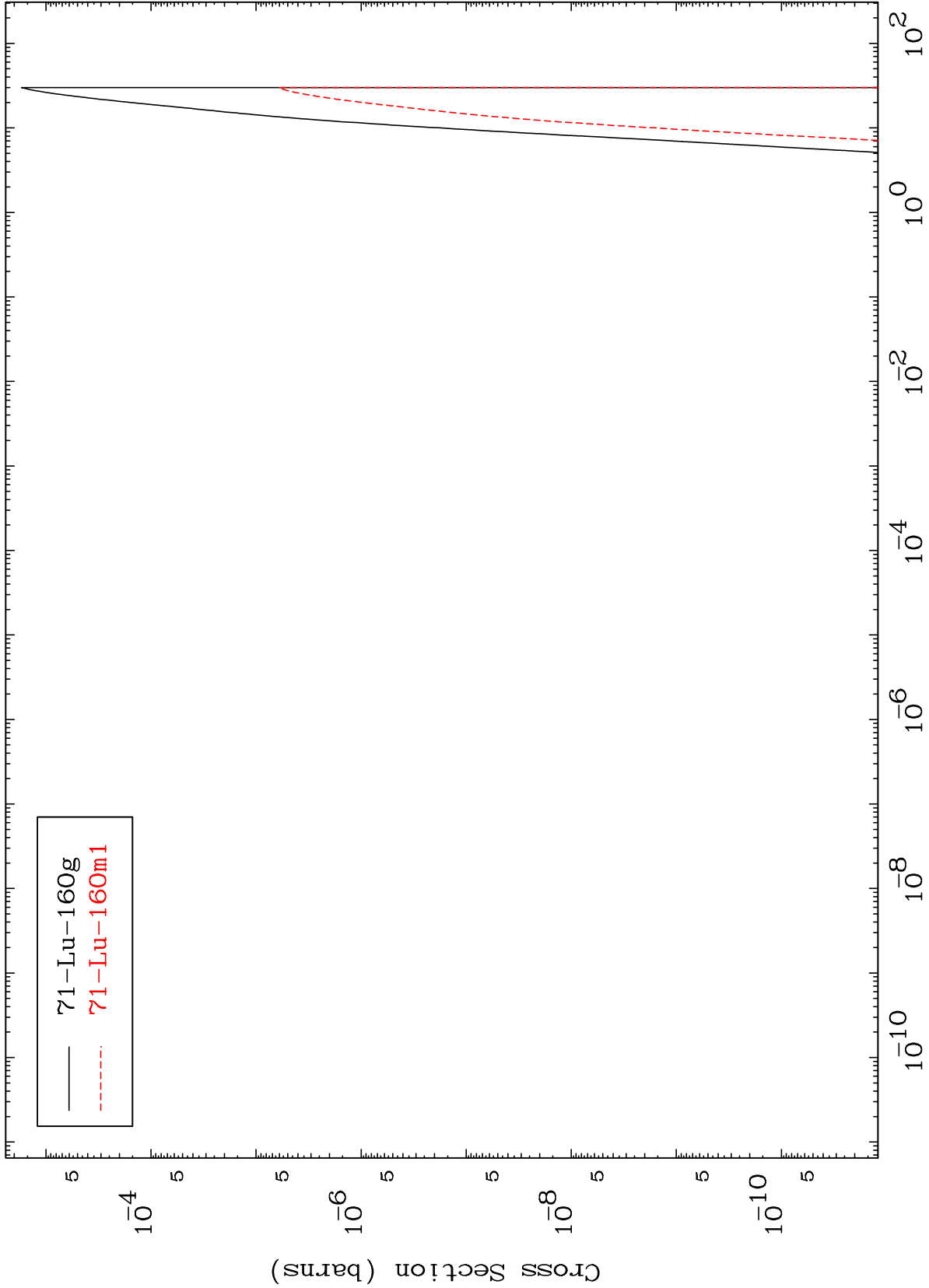
75-Re-168

MAT 7474

(n,n') 2α

75-Re-168

Radionuclide Production Cross Section



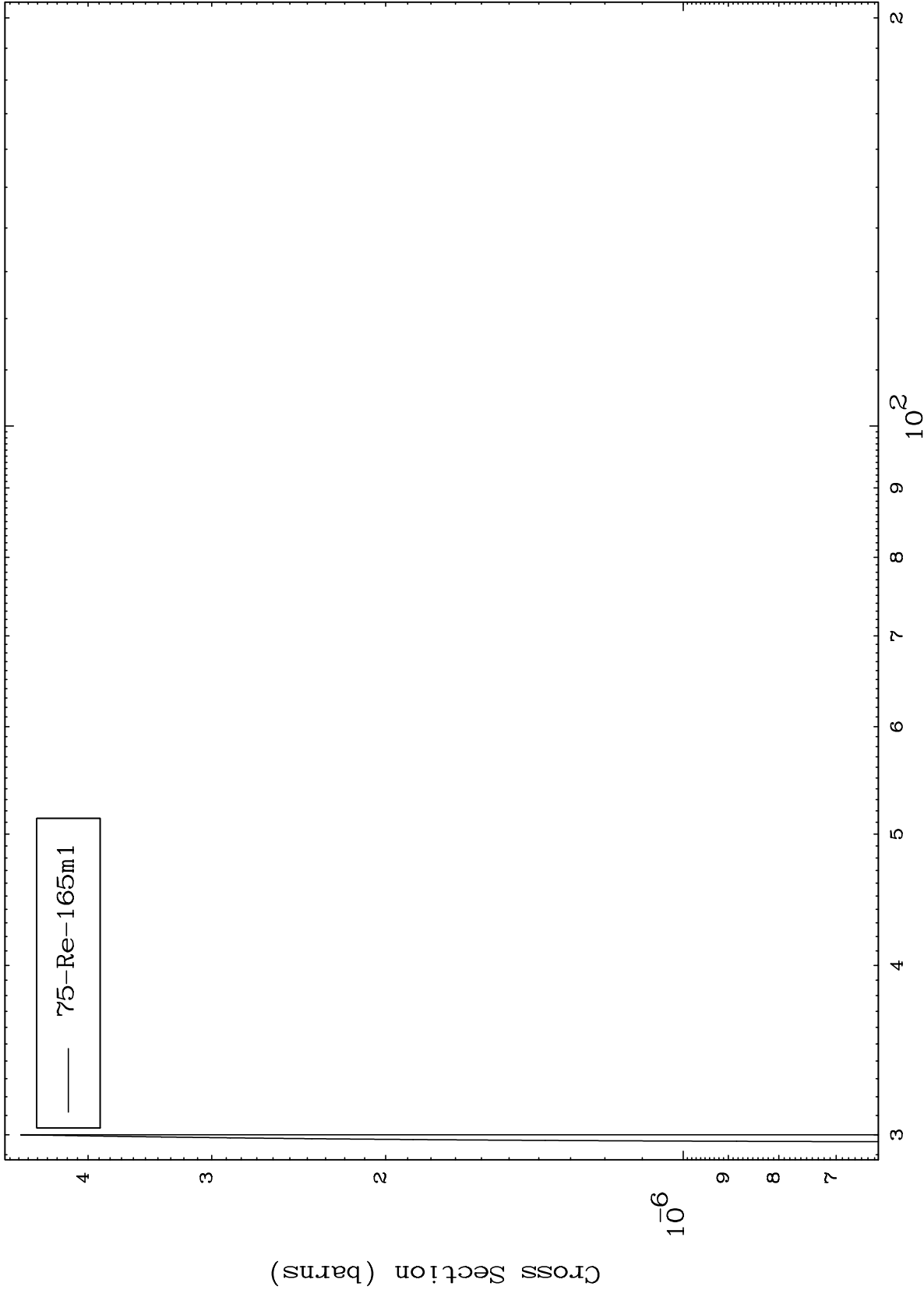
71-Lu-160g
71-Lu-160m1

MAT 7474

(n,4n)

75-Re-168

Radionuclide Production Cross Section



85

Incident Energy (MeV)

75-Re-168

Radionuclide Production Cross Section

