

Program EVALPLOT
(Version 2015-2)

by

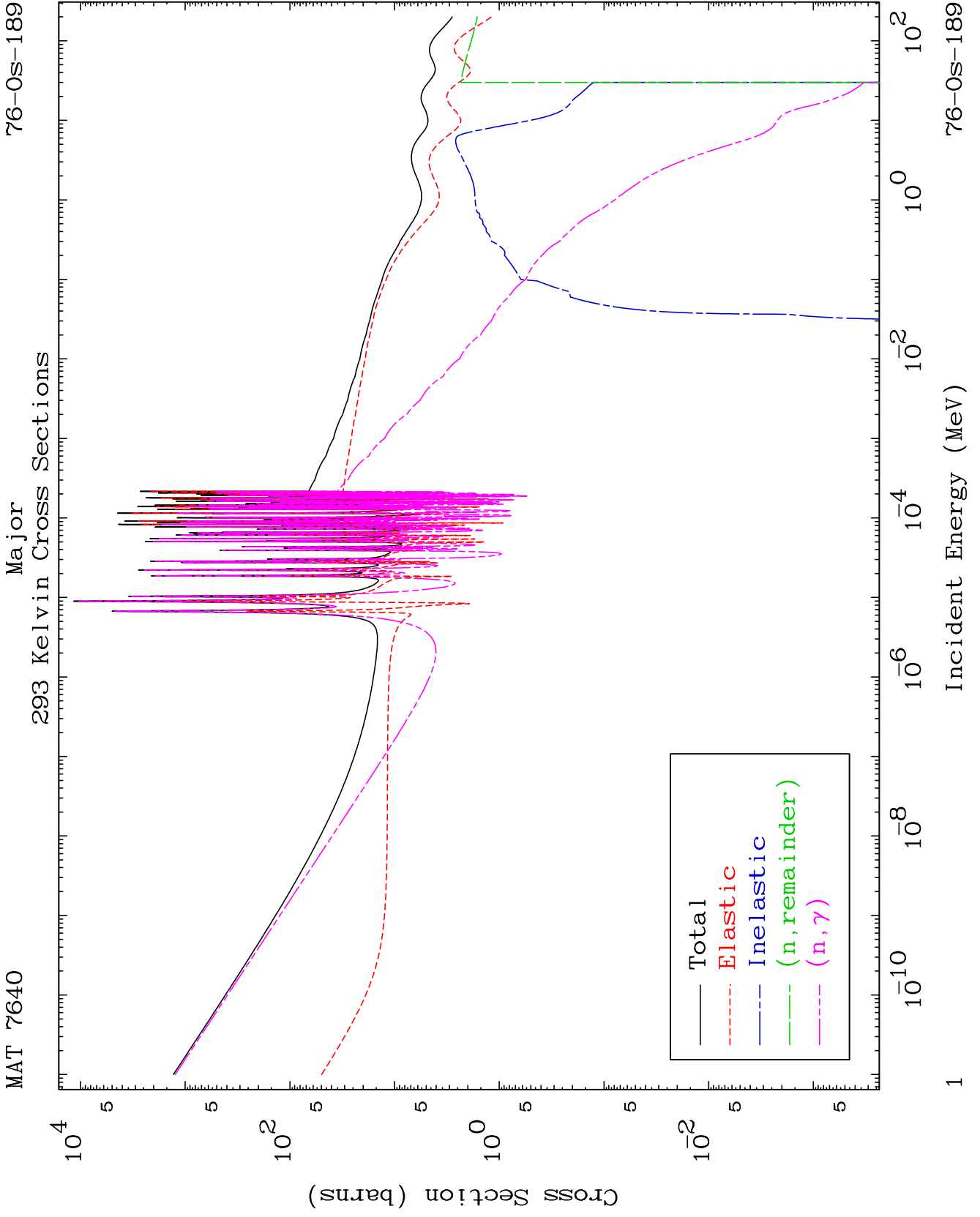
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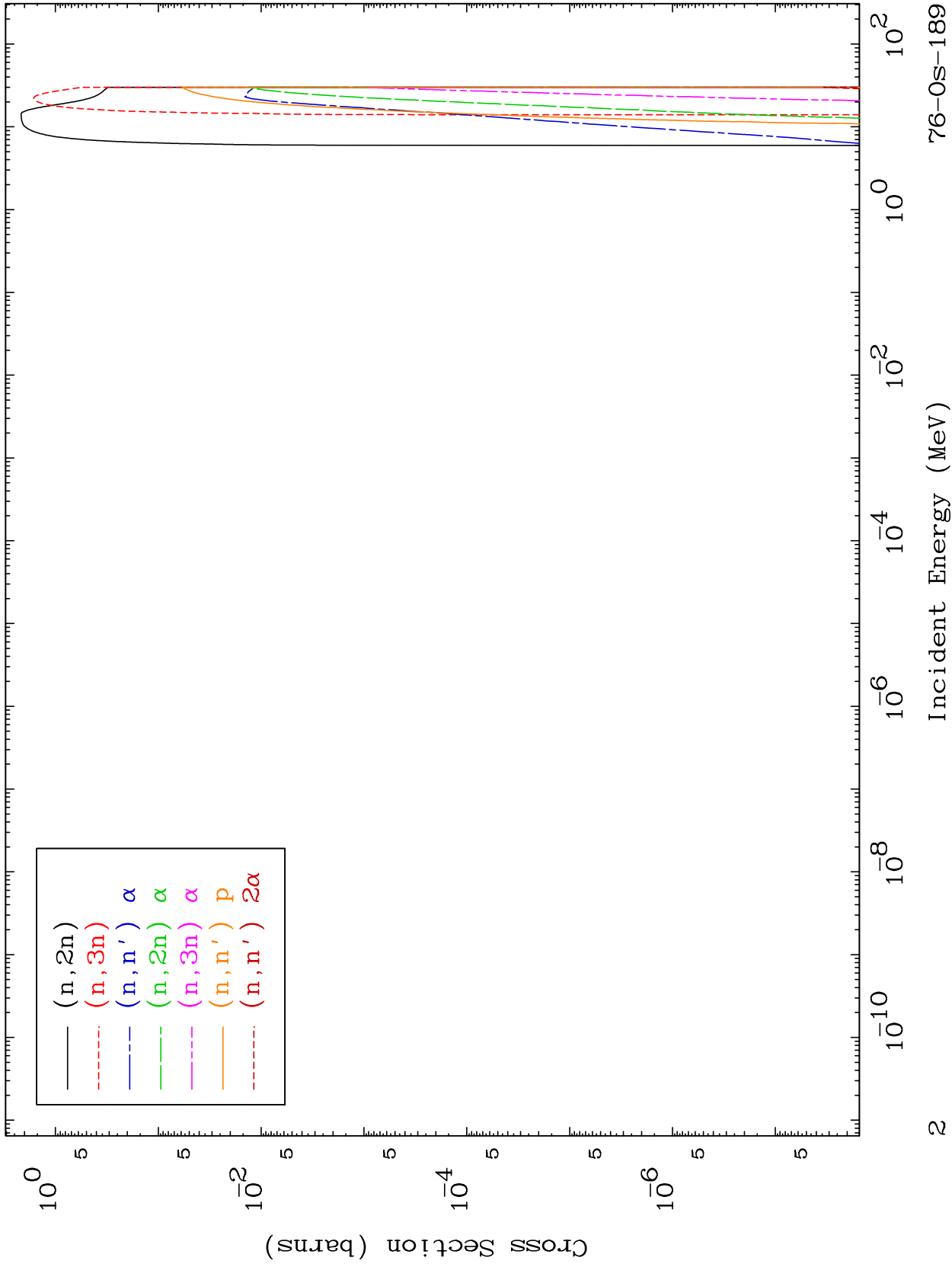
Press Mouse Button to Start

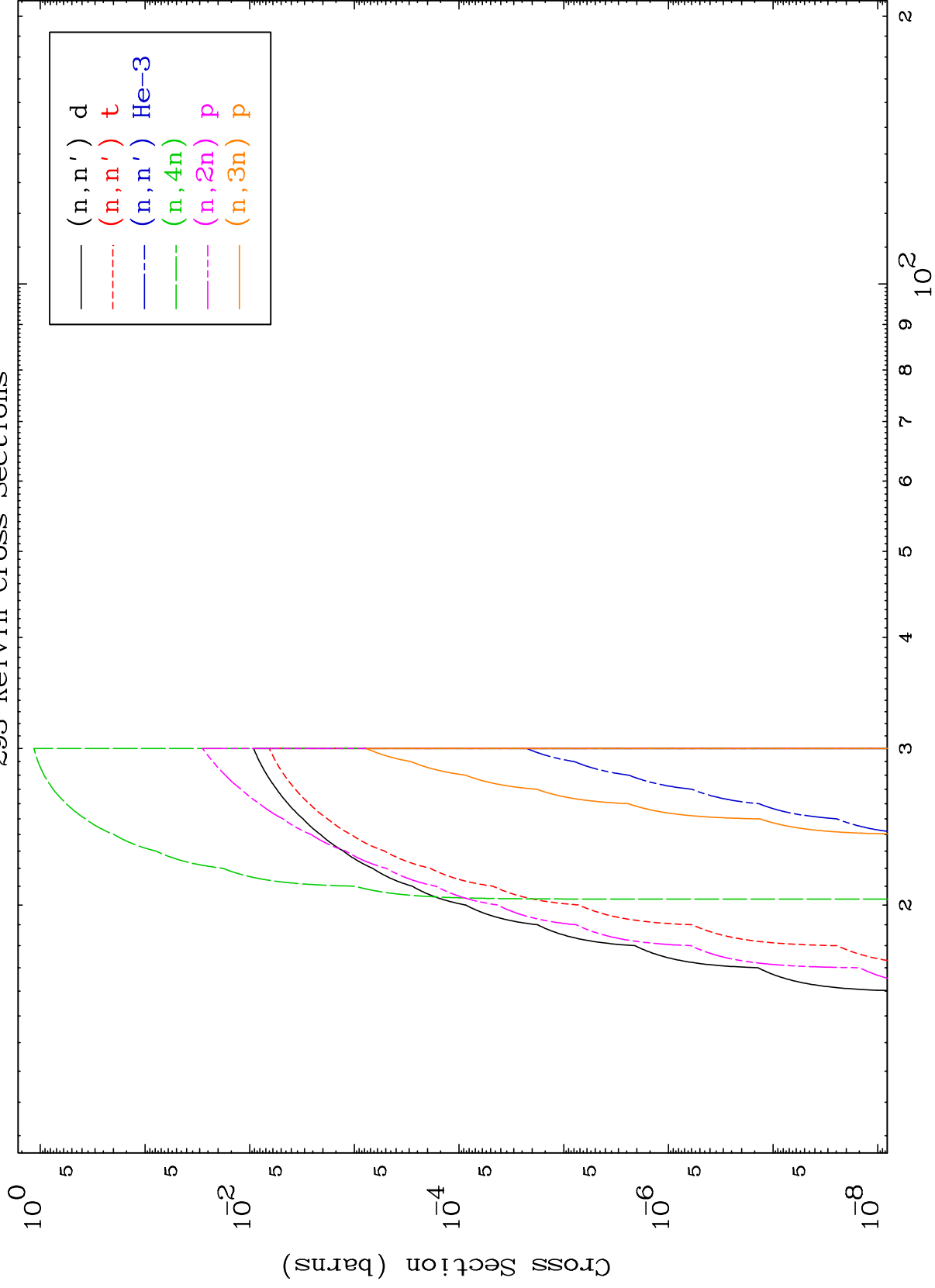


MAT 7640

Neutron Production
293 Kelvin Cross Sections

76-Os-189

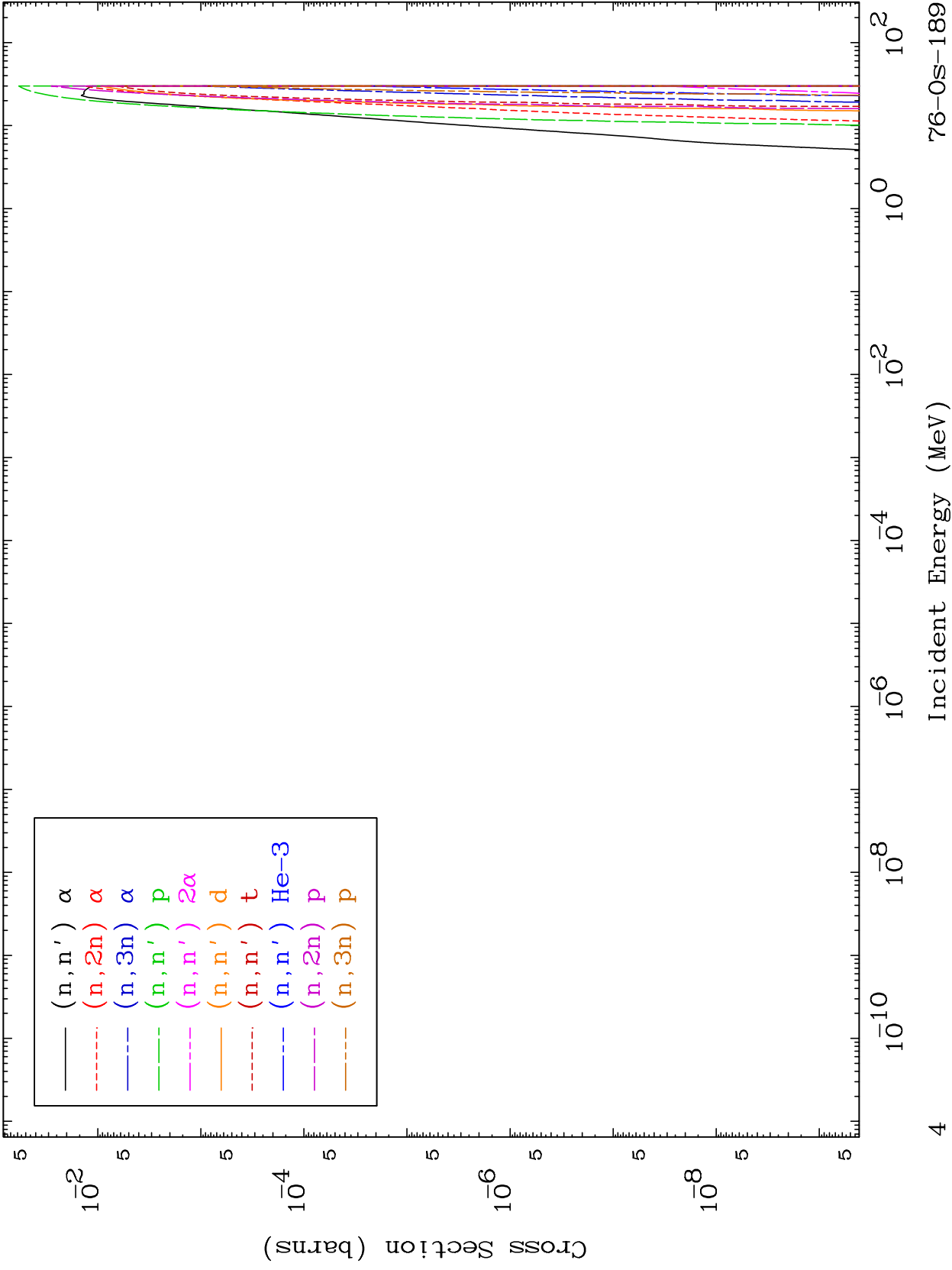




MAT 7640

Charged Particle
293 Kelvin Cross Sections

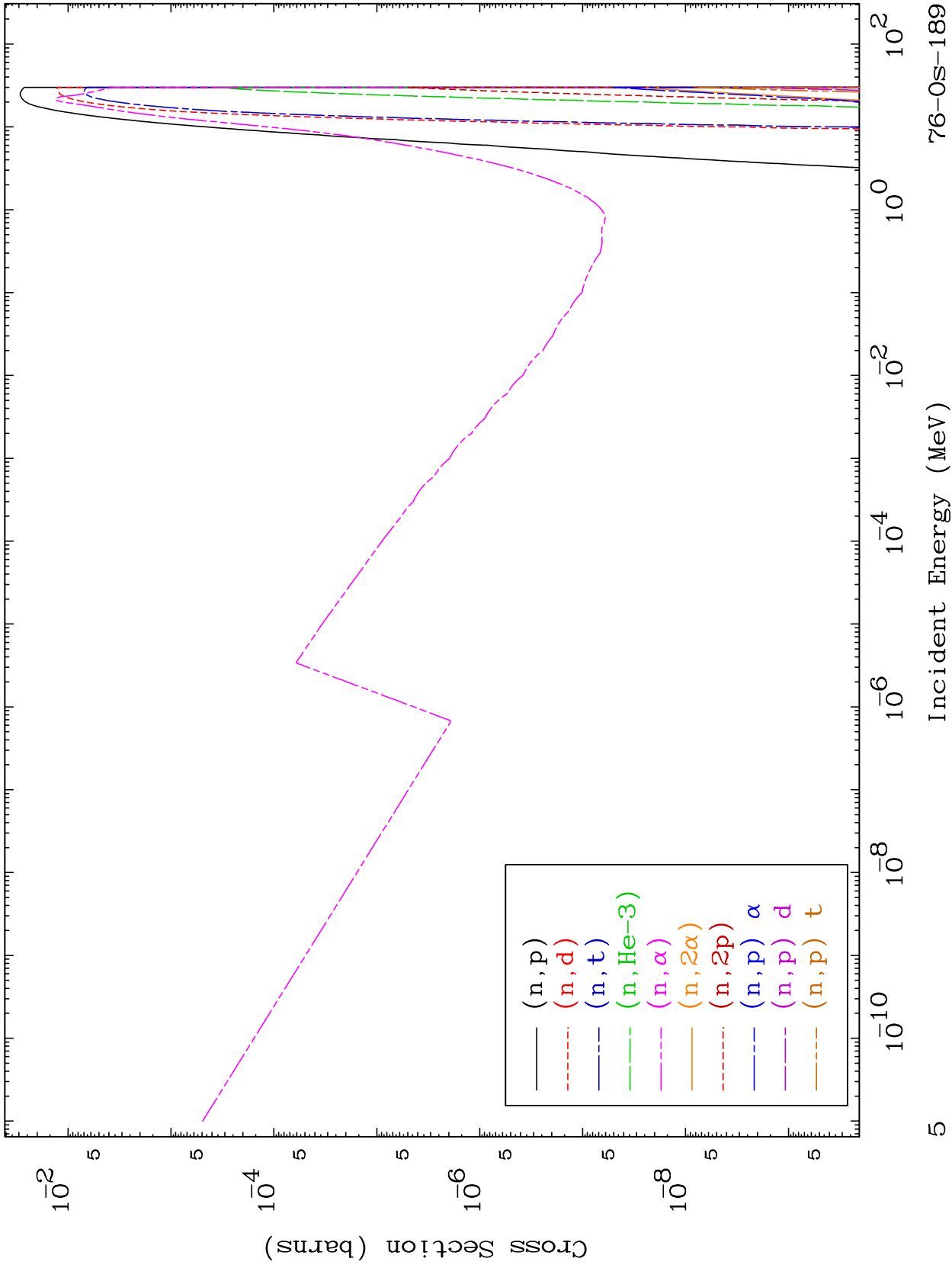
76-Os-189



MAT 7640

Charged Particle
293 Kelvin Cross Sections

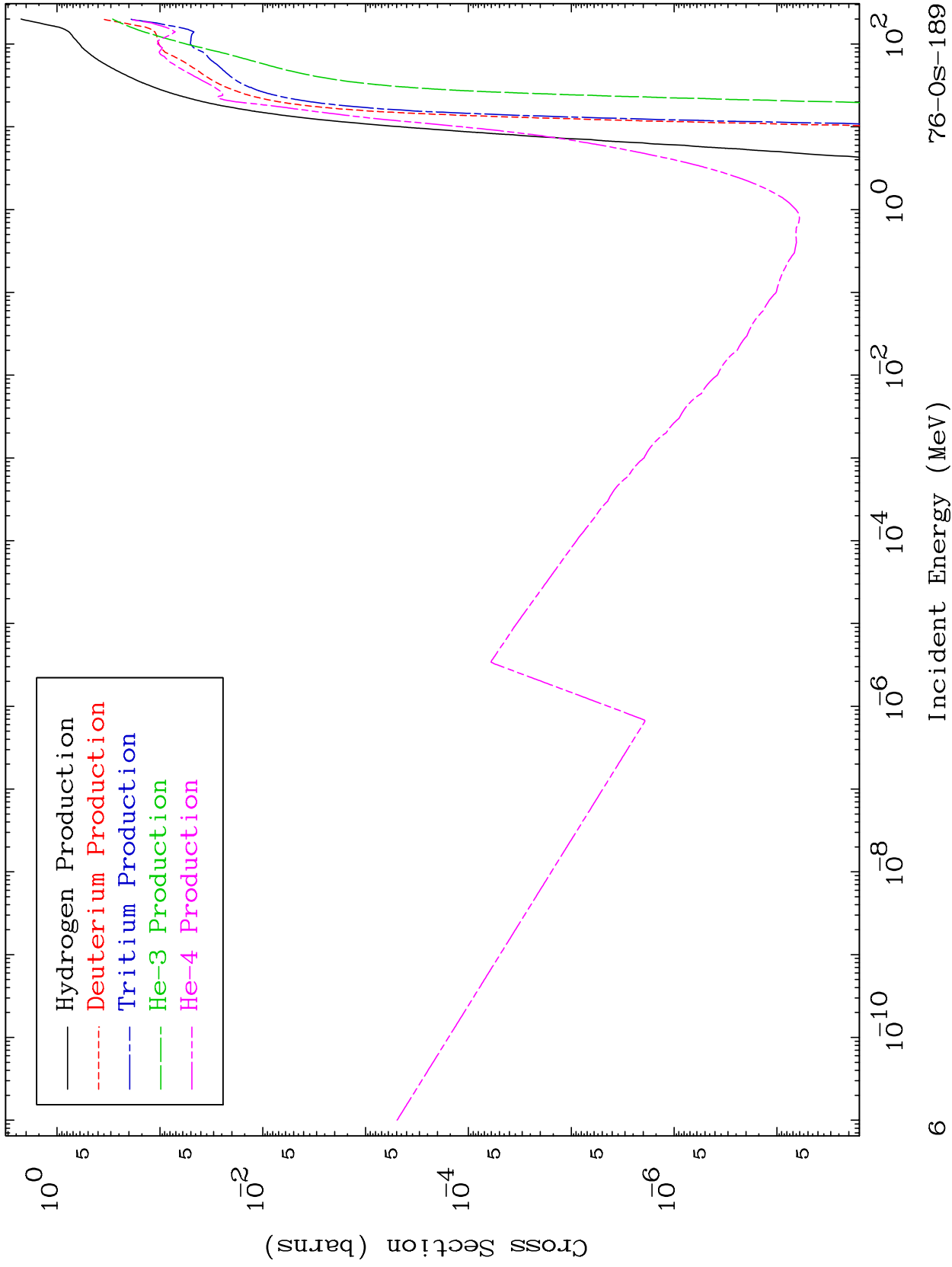
76-Os-189



MAT 7640

Particle Production
293 Kelvin Cross Sections

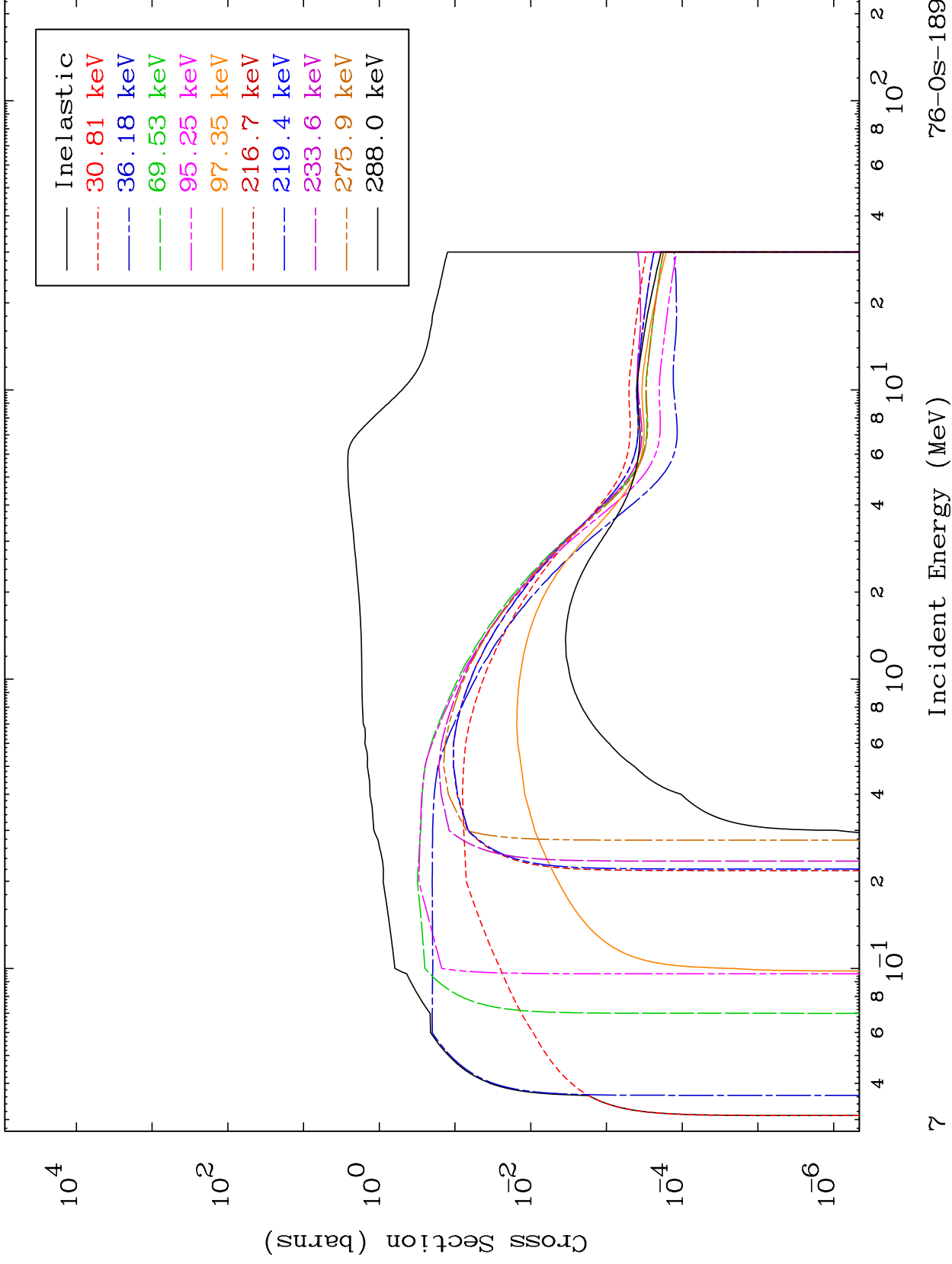
76-Os-189



MAT 7640

(n,n') Level
293 Kelvin Cross Sections

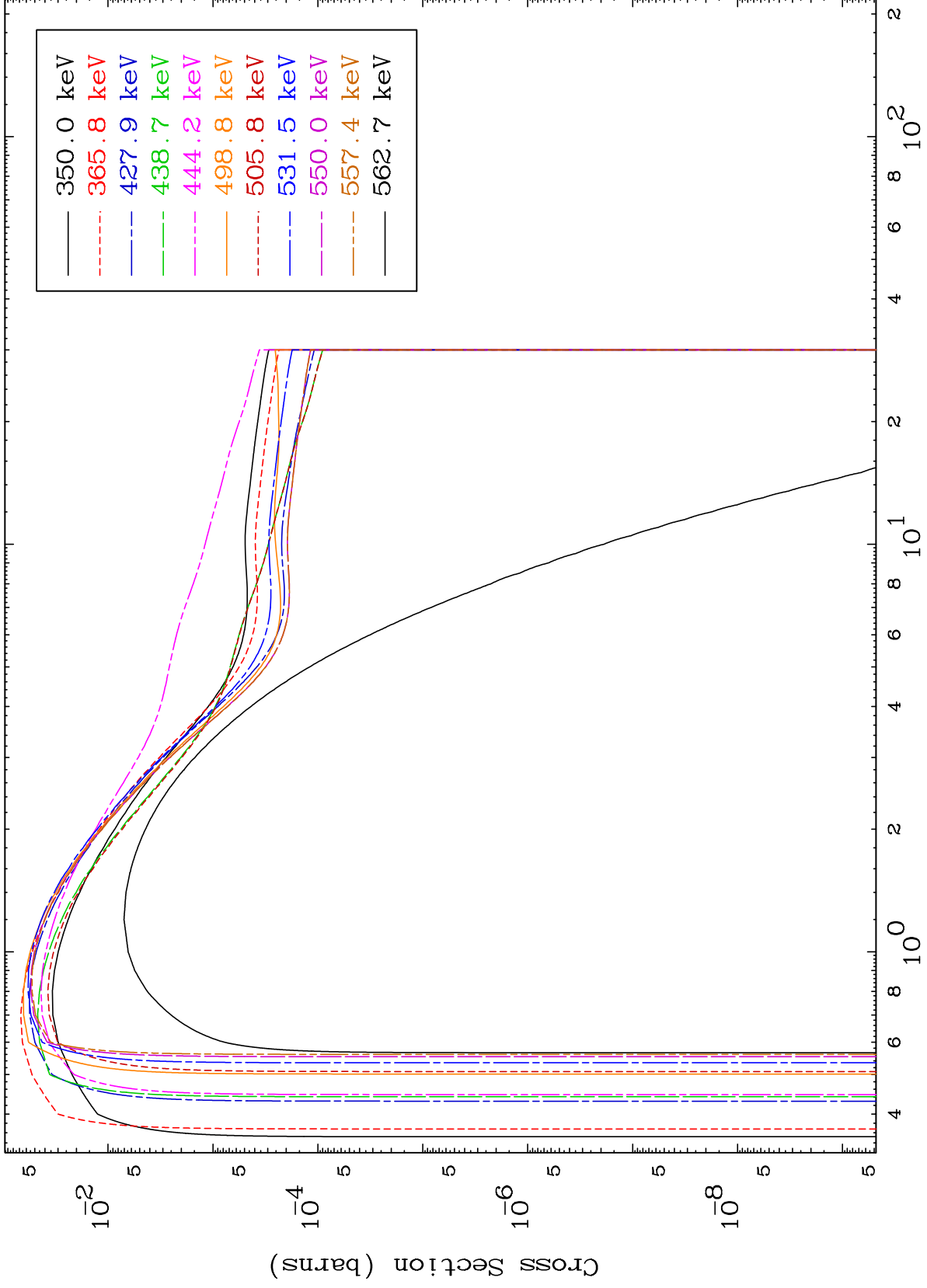
76-Os-189



MAT 7640

(n,n') Level
293 Kelvin Cross Sections

76-Os-189



8

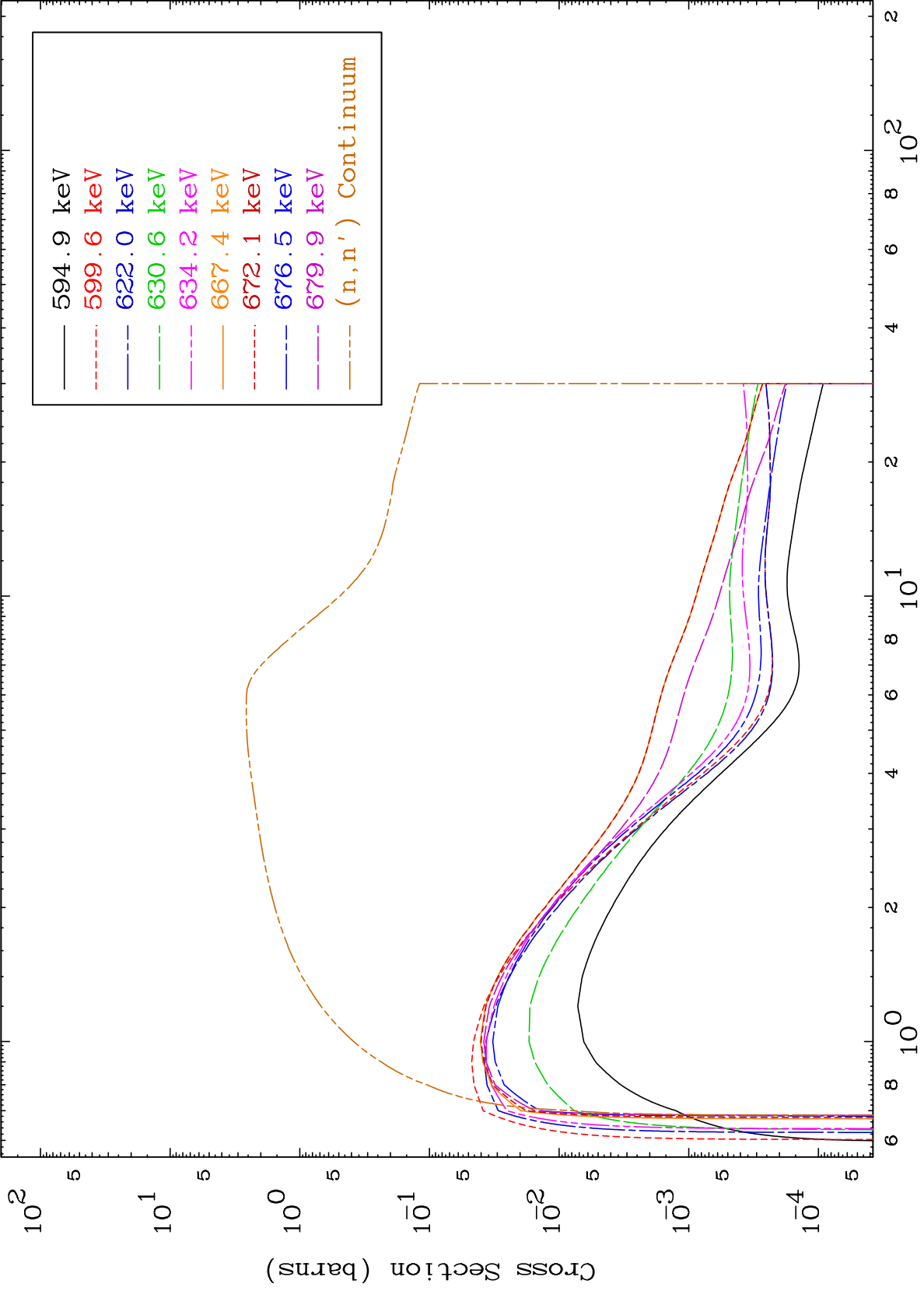
Incident Energy (MeV)

76-Os-189

MAT 7640

(n,n') Level
293 Kelvin Cross Sections

76-Os-189



9

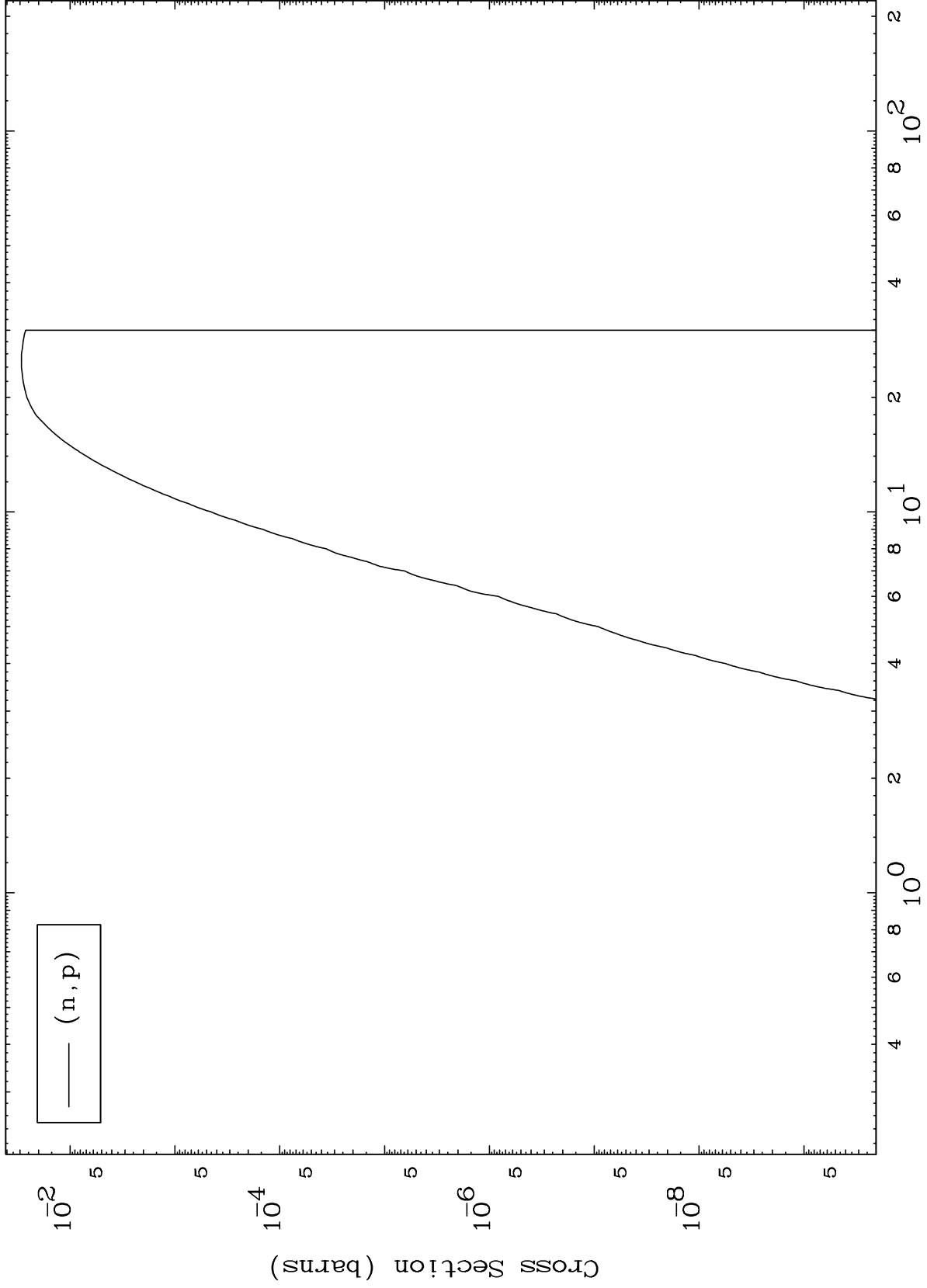
Incident Energy (MeV)

76-Os-189

MAT 7640

(n,p) Levels
293 Kelvin Cross Sections

76-Os-189



10

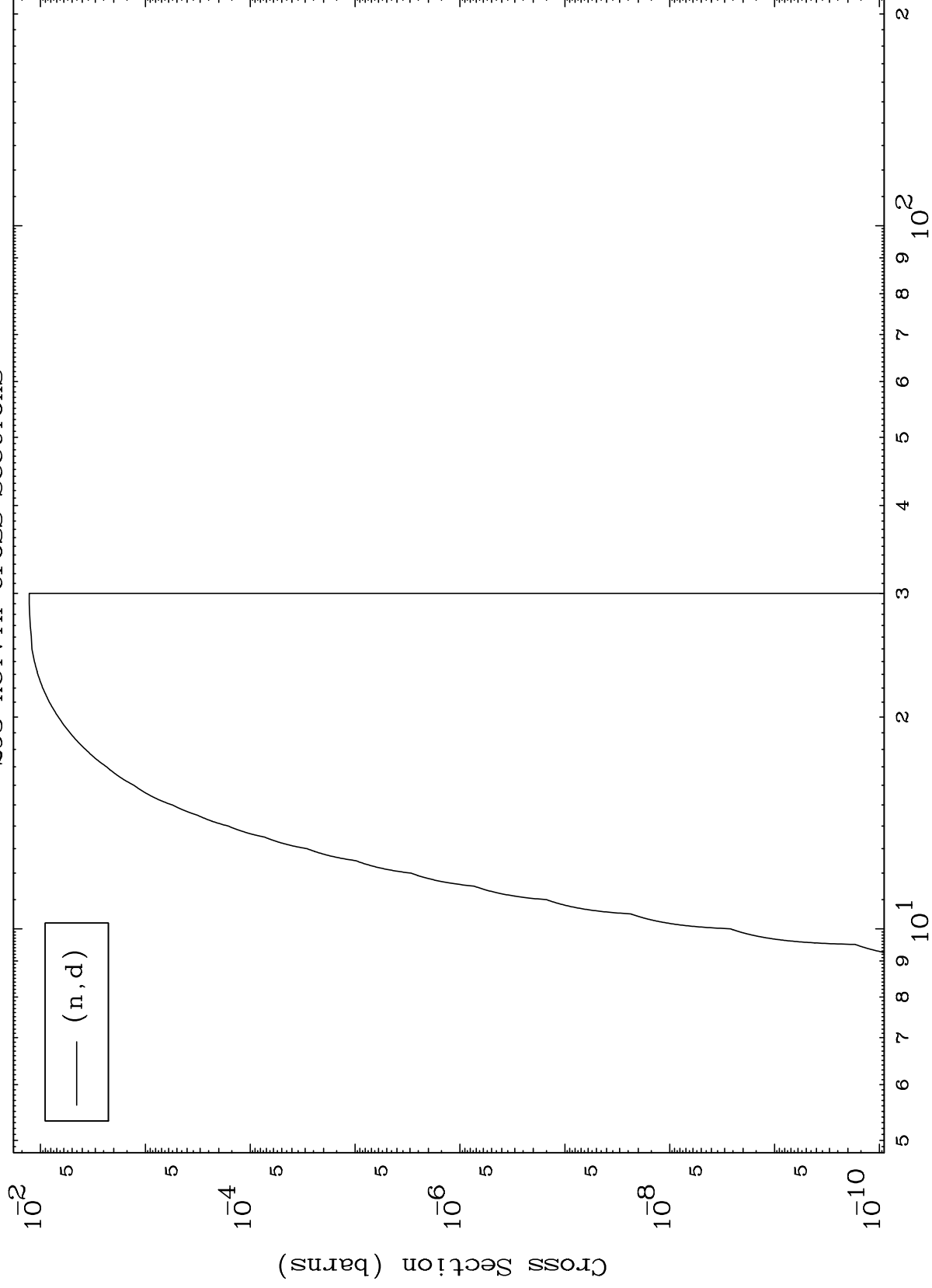
Incident Energy (MeV)

76-Os-189

MAT 7640

(n,d) Levels
293 Kelvin Cross Sections

76-Os-189



11

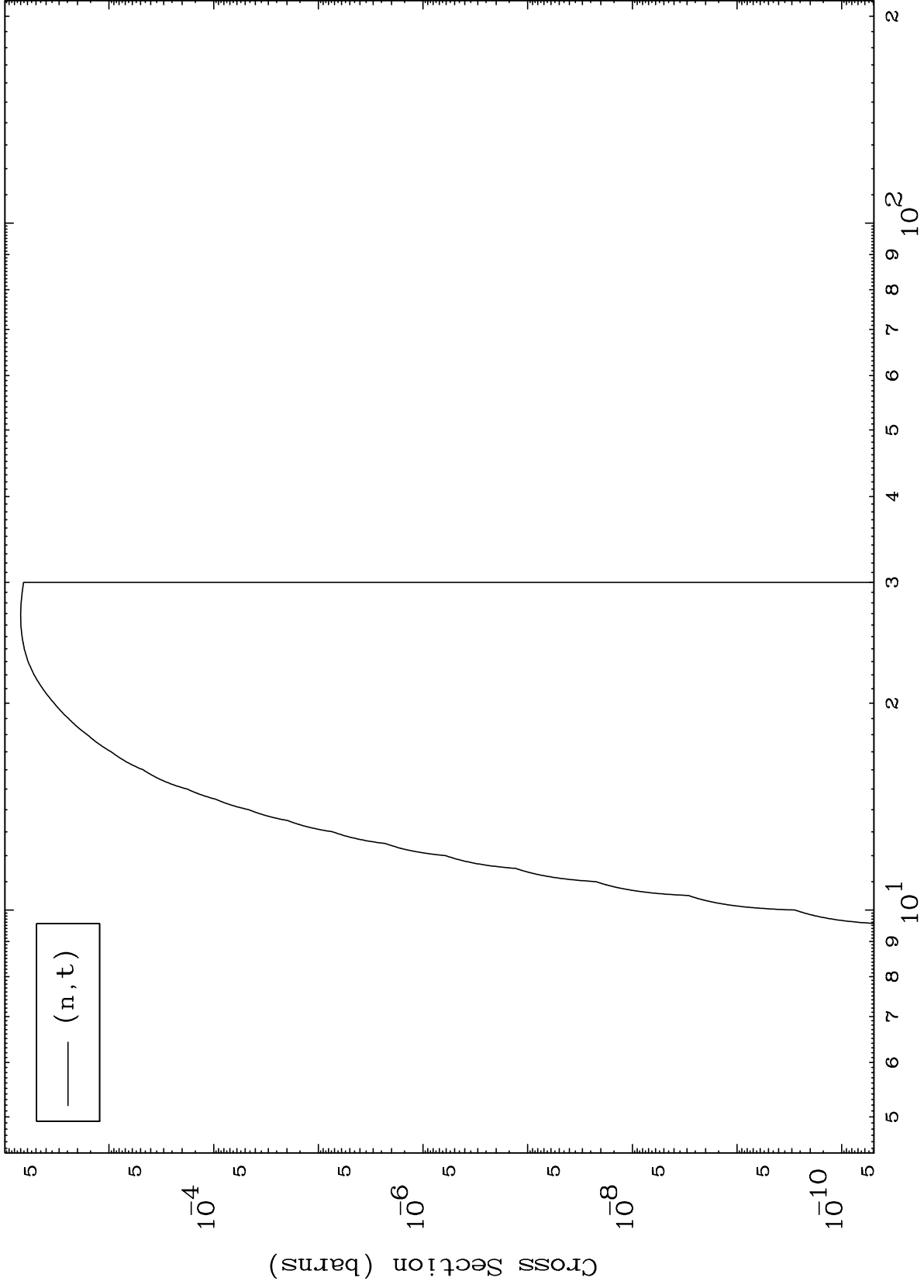
Incident Energy (MeV)

76-Os-189

MAT 7640

(n,t) Levels
293 Kelvin Cross Sections

76-Os-189



12

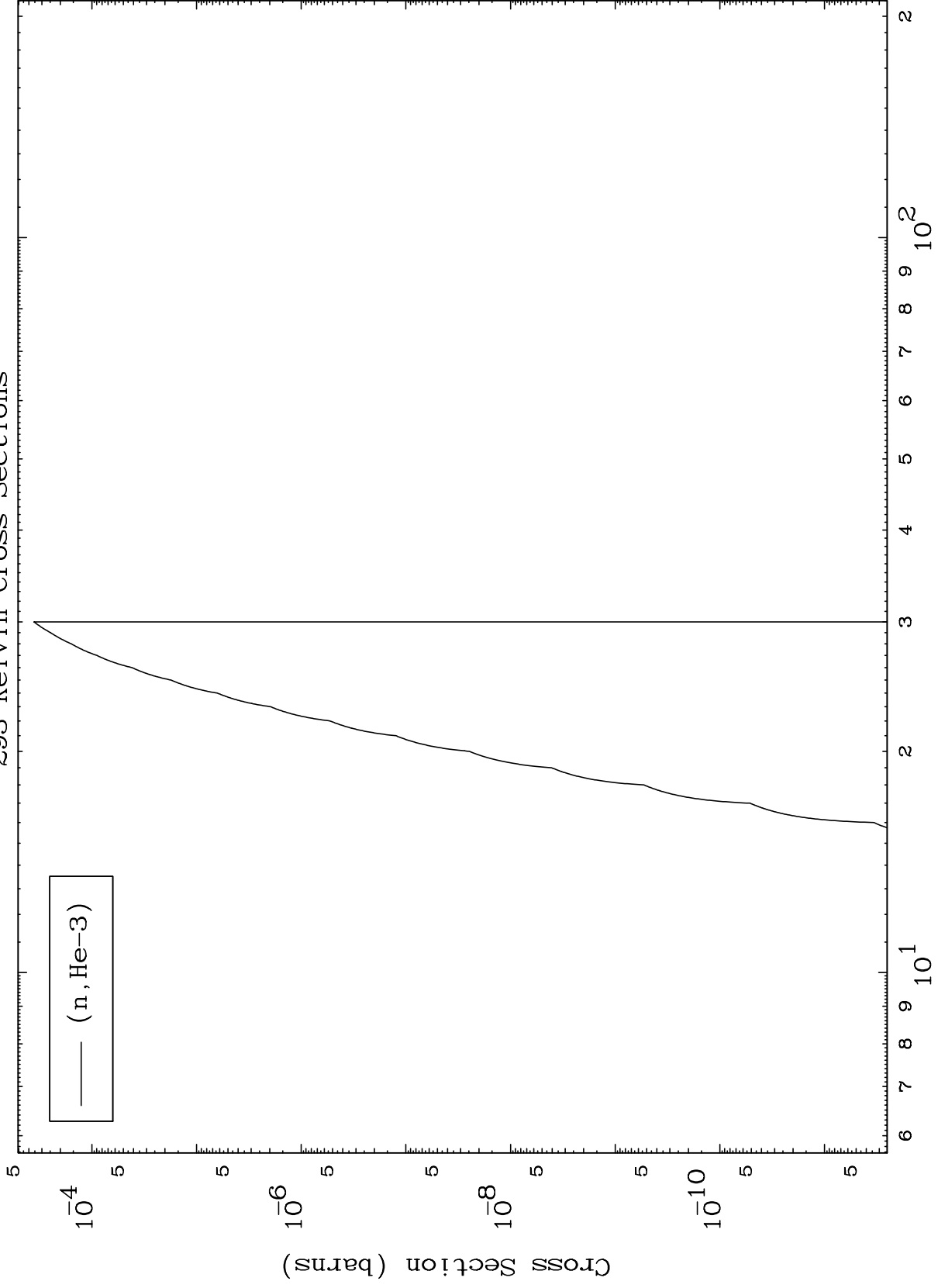
Incident Energy (MeV)

76-Os-189

MAT 7640

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-189



13

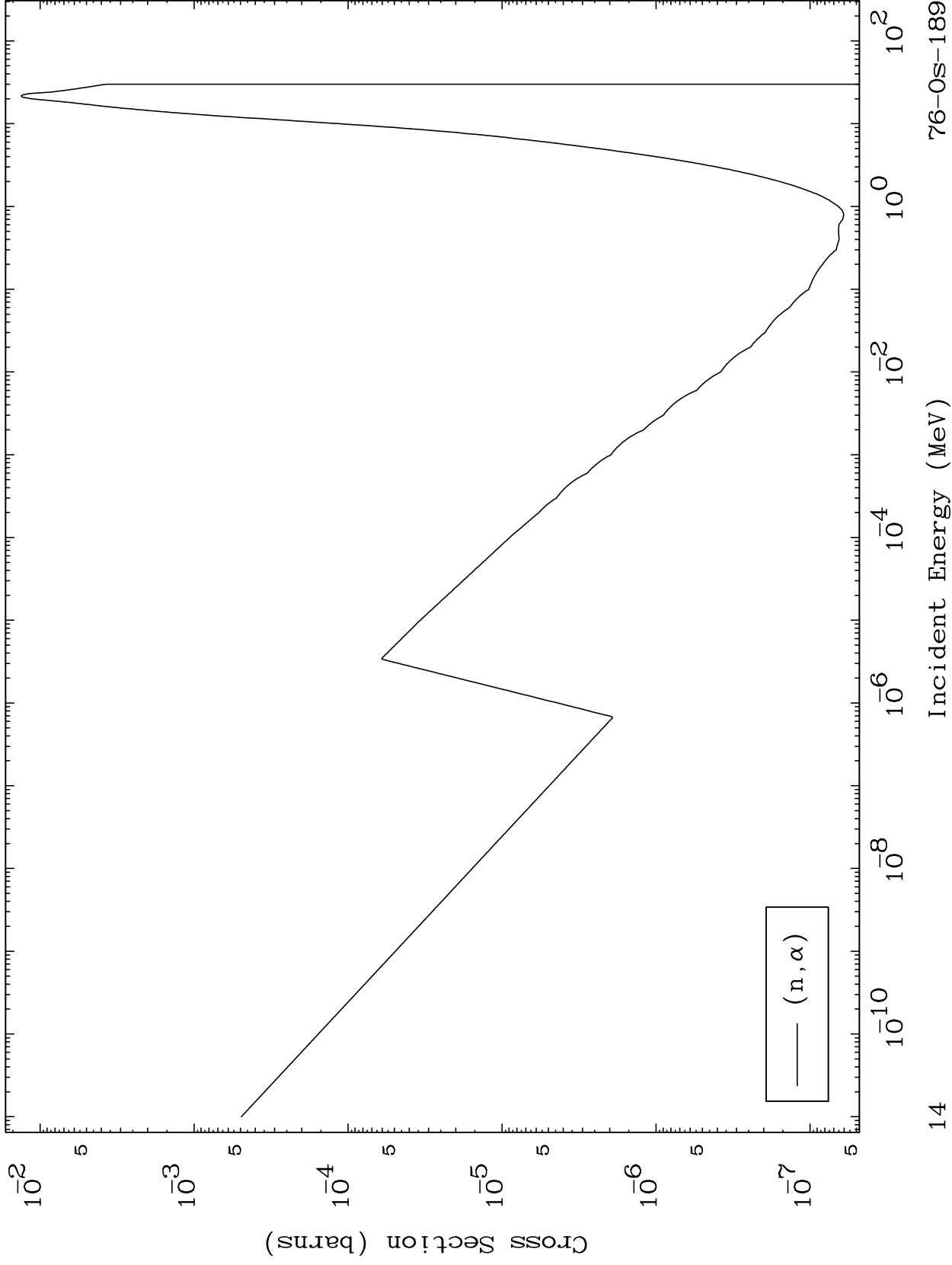
Incident Energy (MeV)

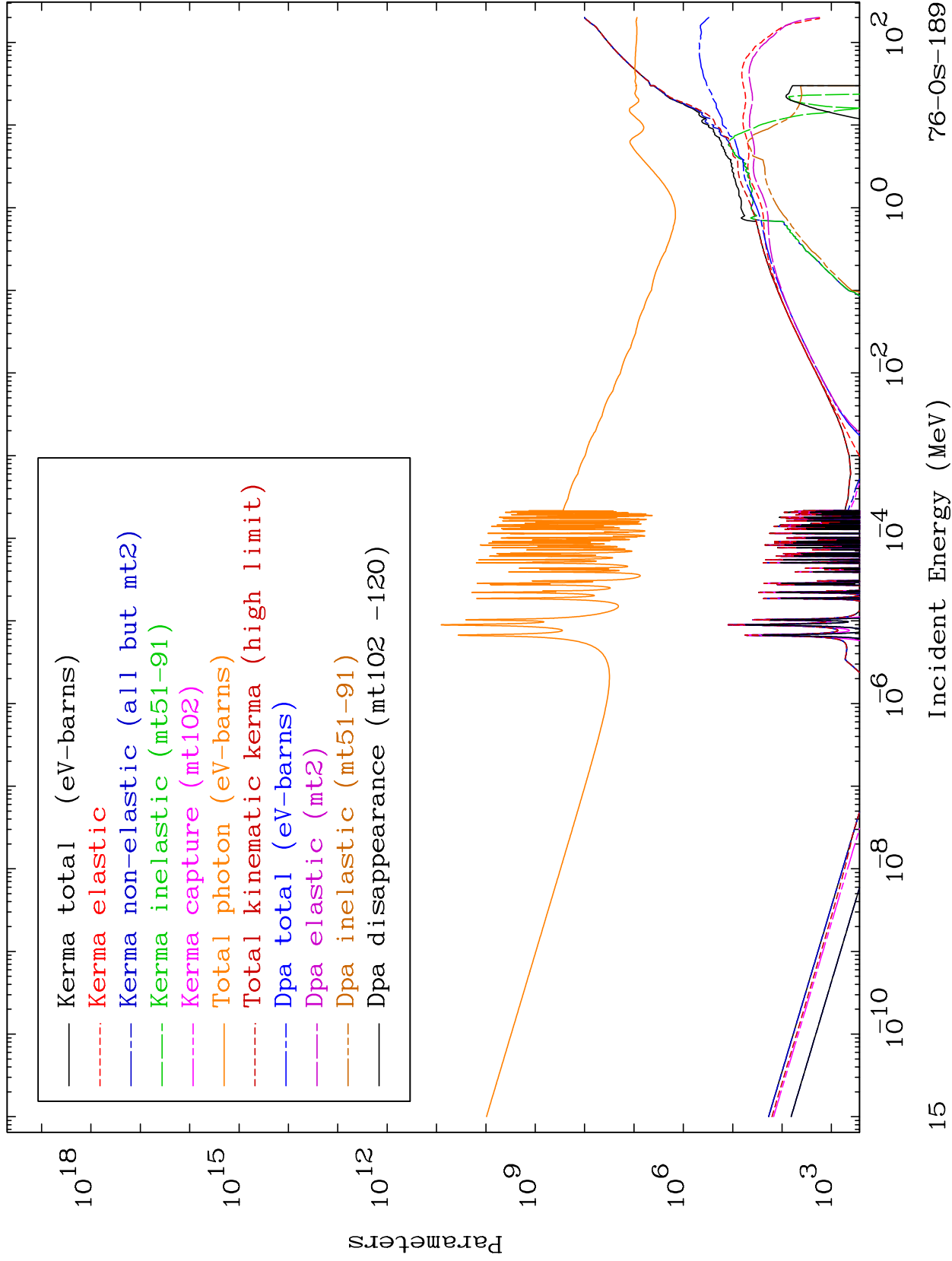
76-Os-189

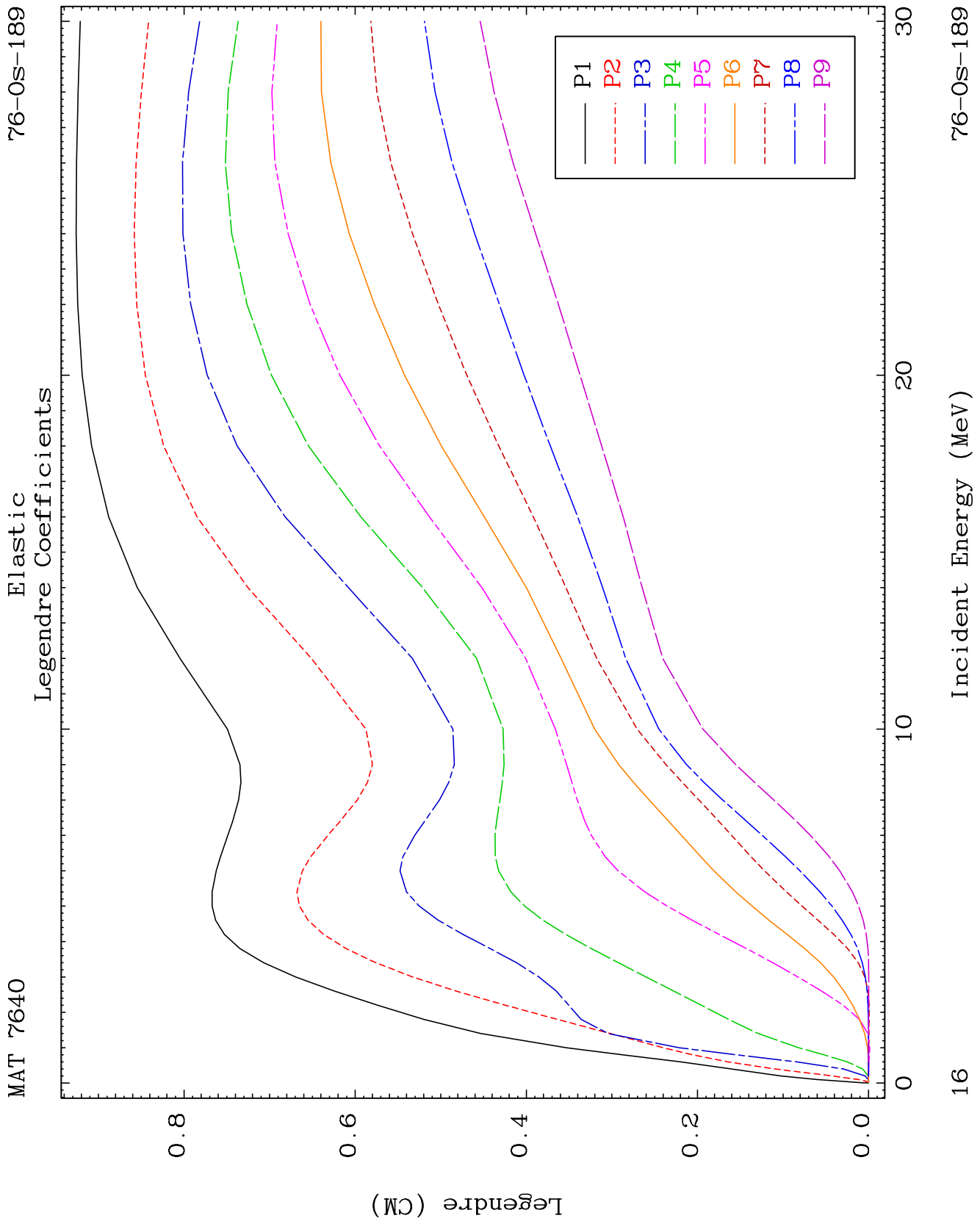
MAT 7640

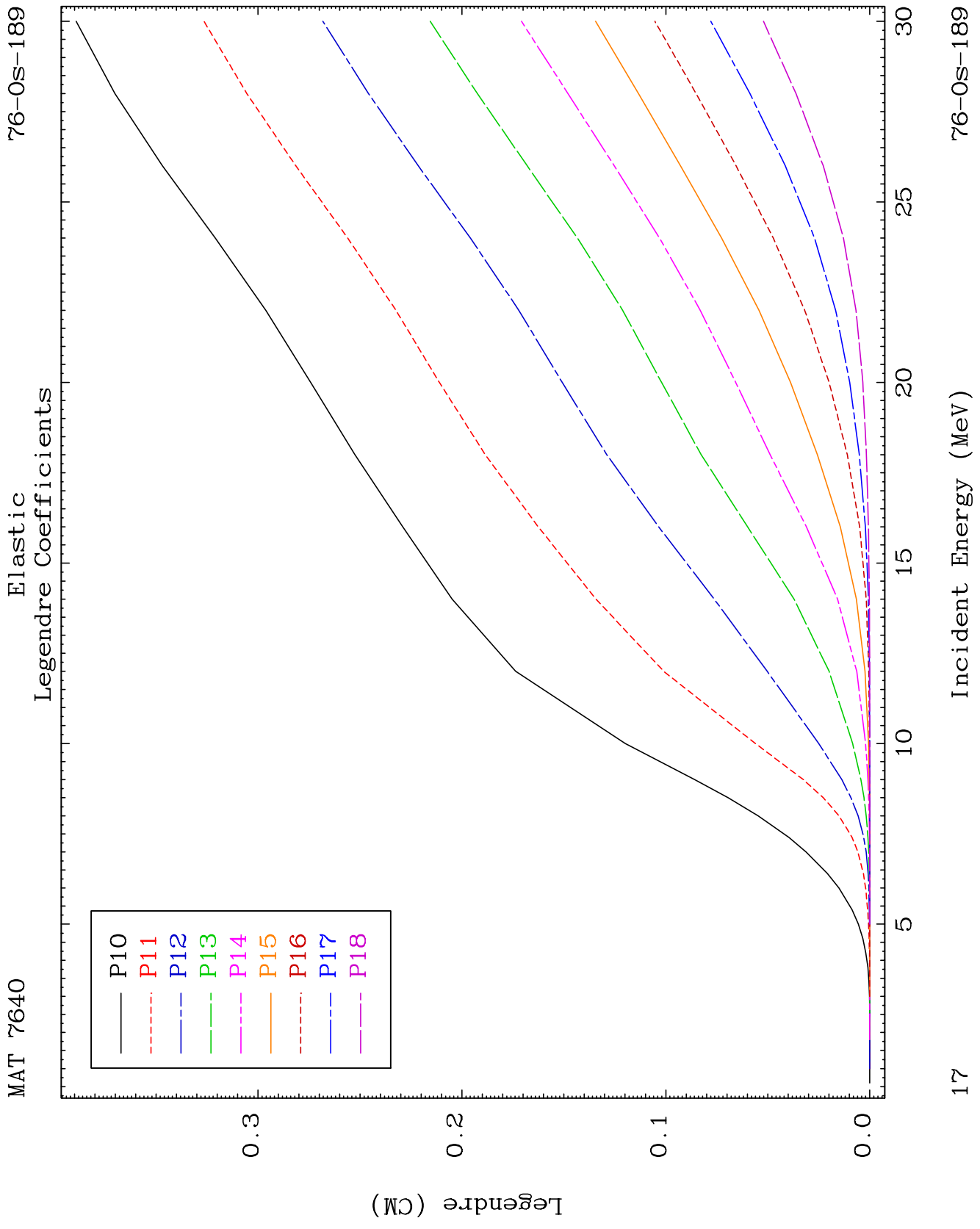
(n,α) Levels
293 Kelvin Cross Sections

76-Os-189





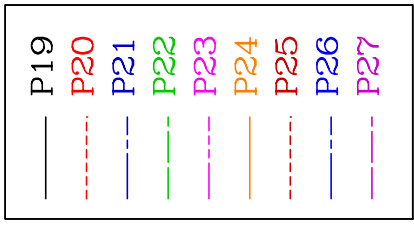
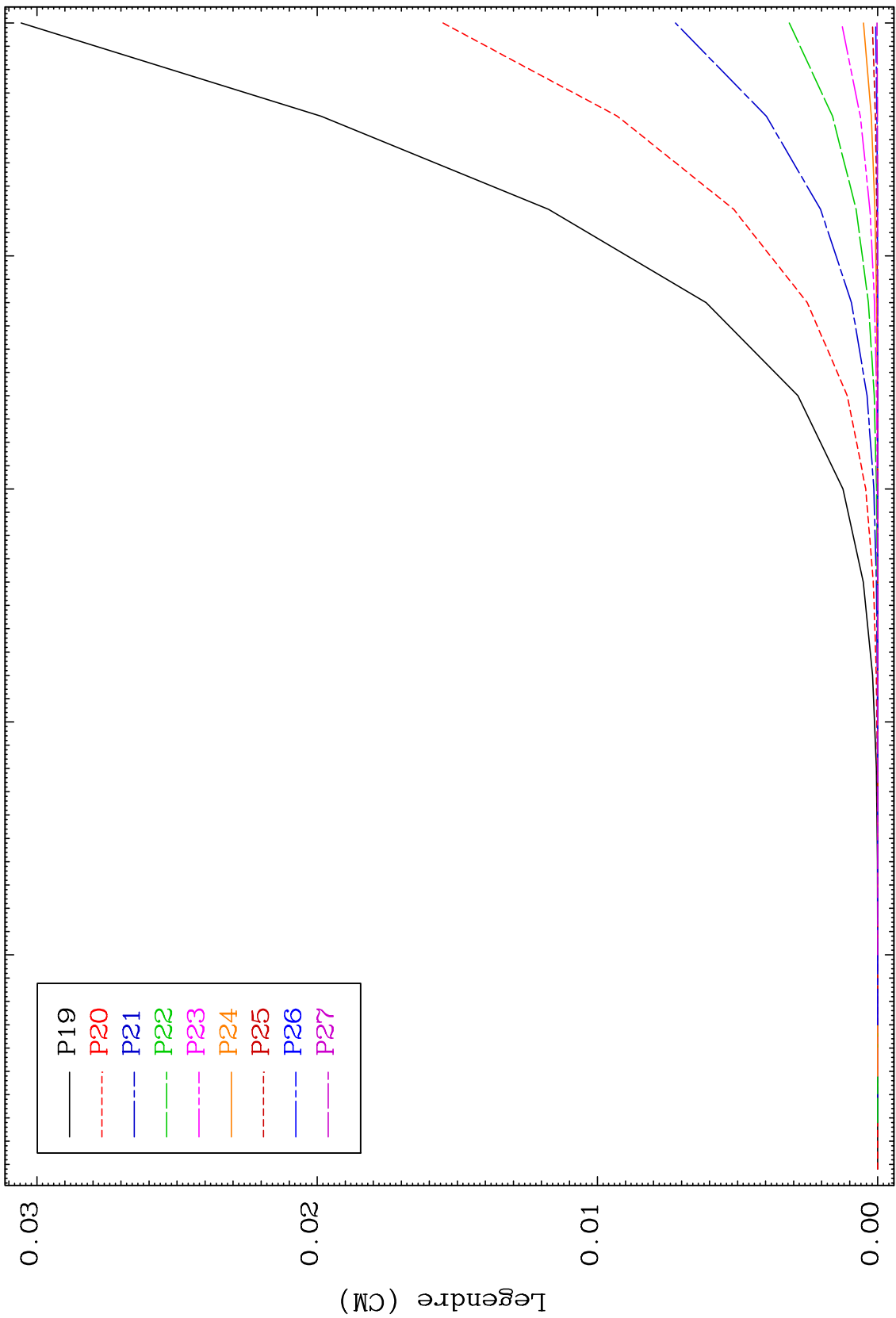




MAT 7640

Elastic
Legendre Coefficients

76-0s-189



18

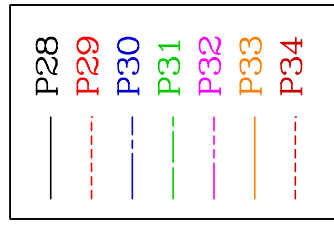
Incident Energy (MeV)

76-0s-189

MAT 7640

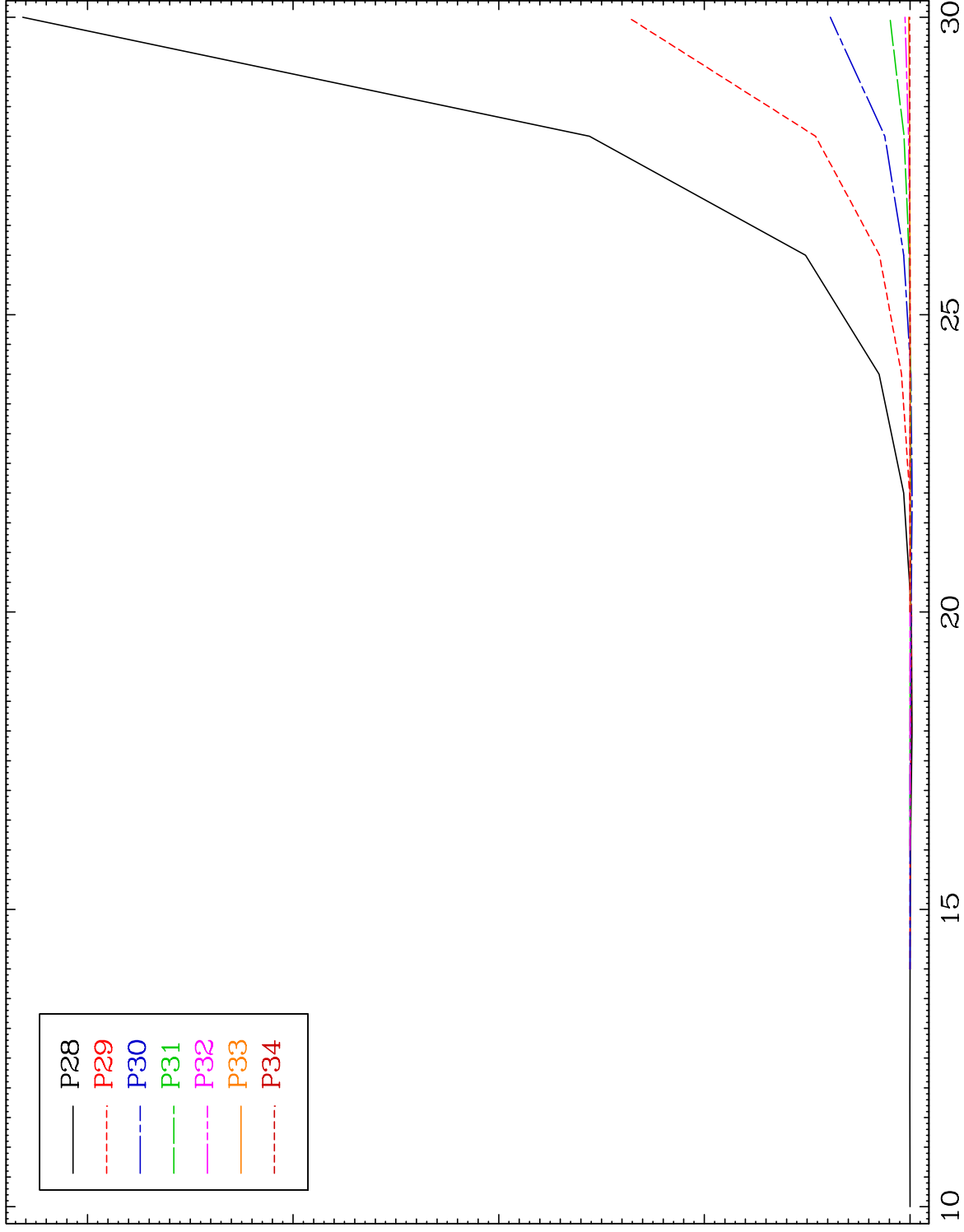
Elastic
Legendre Coefficients

76-Os-189



$\times 10^{-6}$

Legendre (CM)



10

15

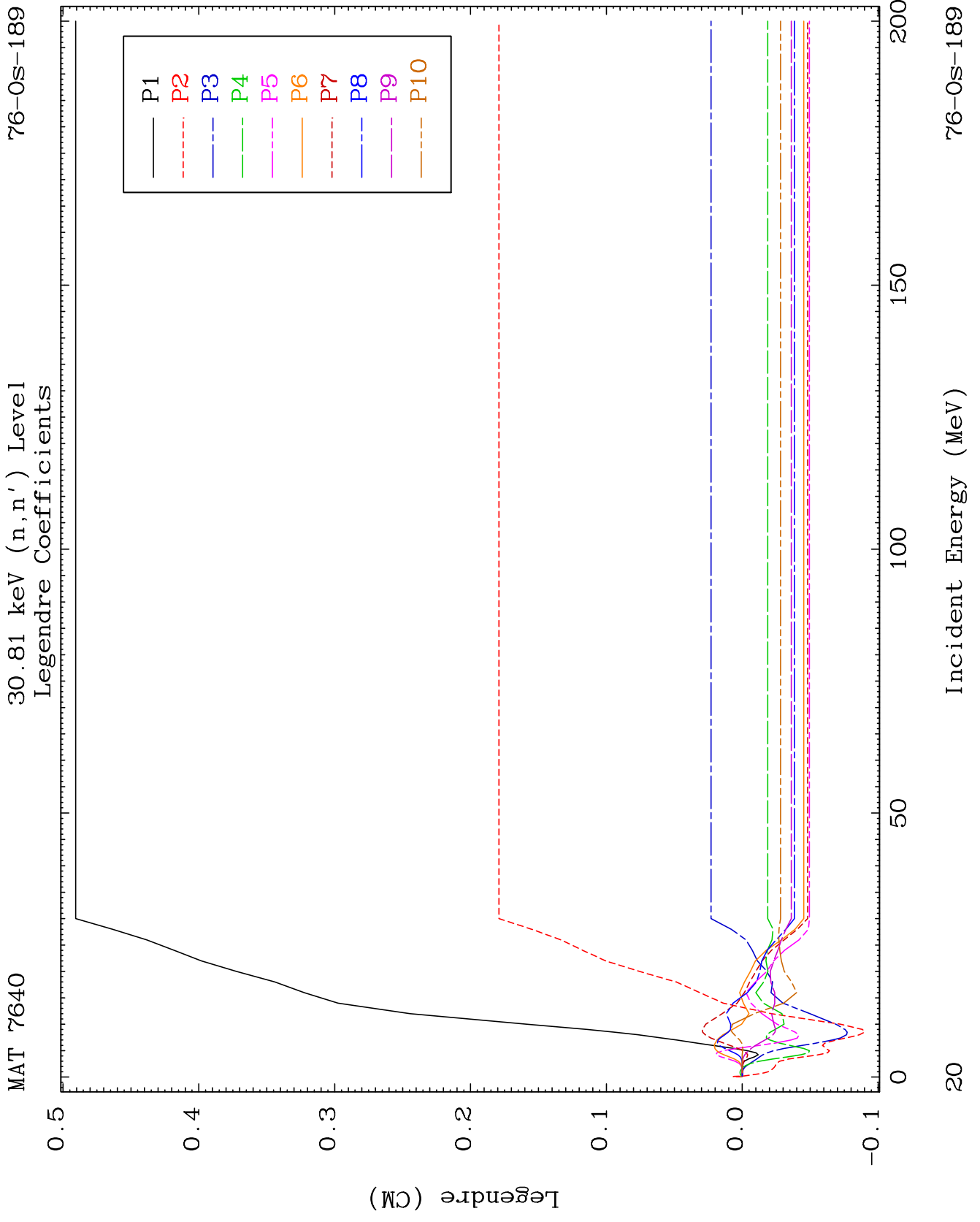
20

25

30

Incident Energy (MeV)

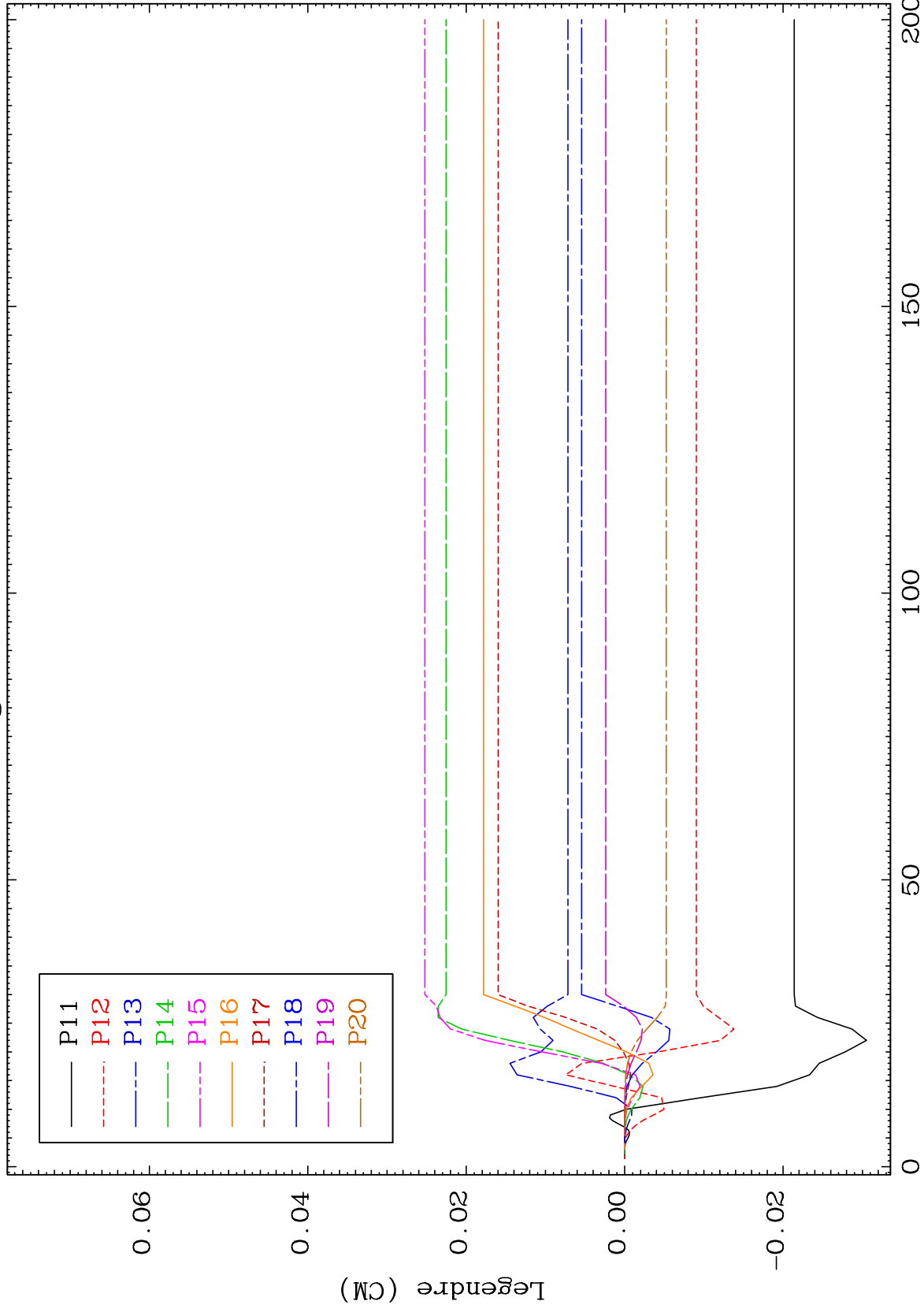
76-Os-189



MAT 7640

30.81 keV (n,n') Level
Legendre Coefficients

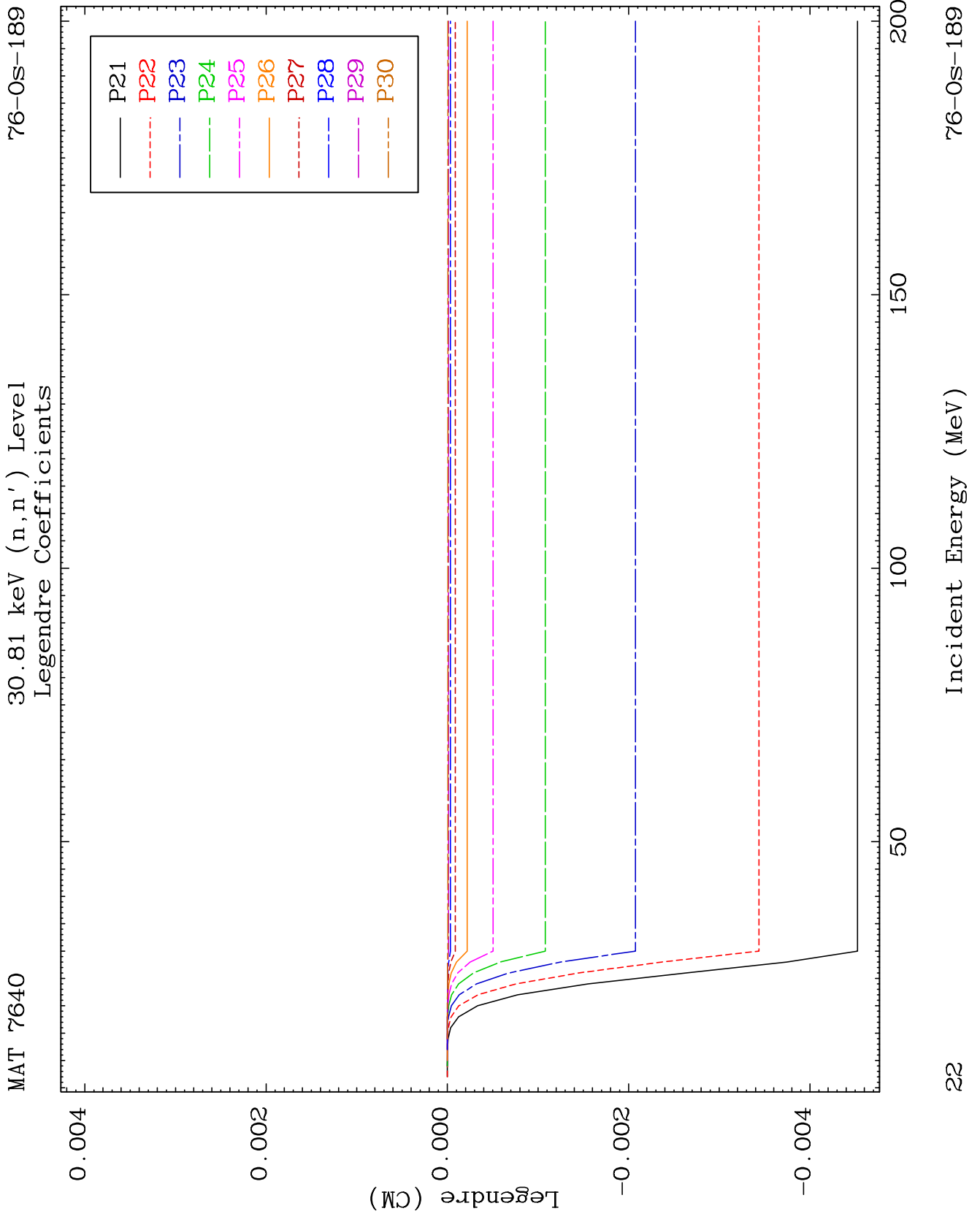
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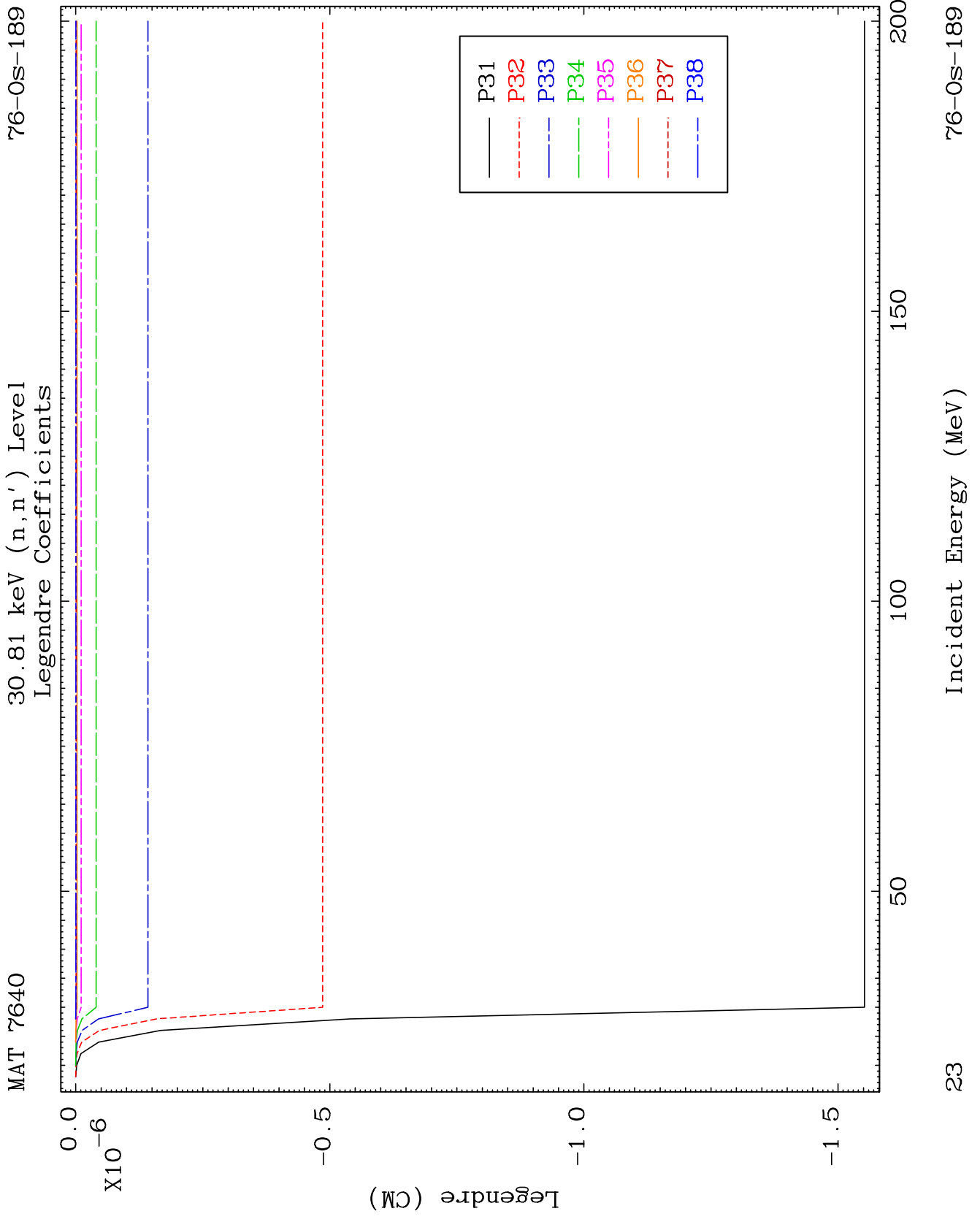


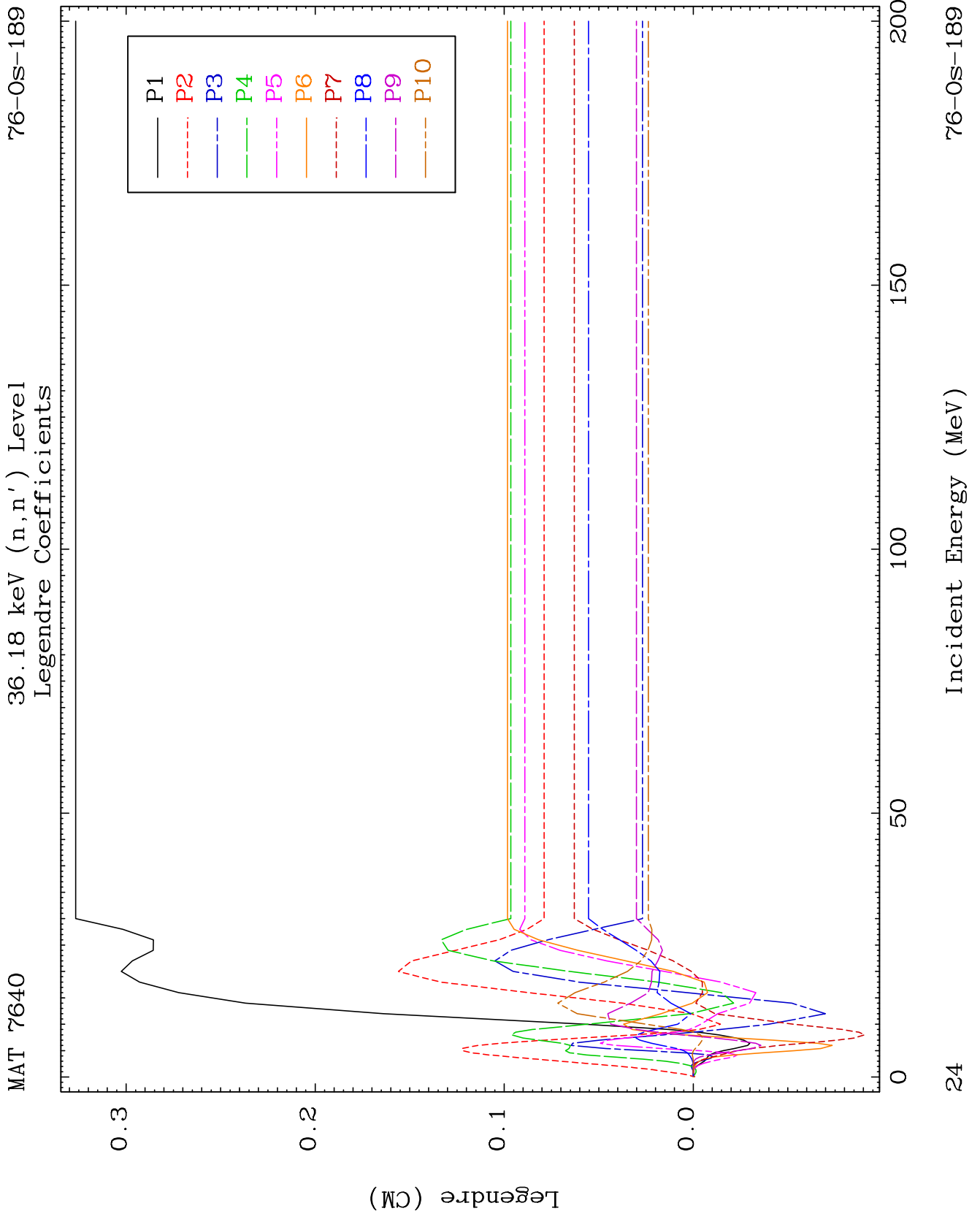
21

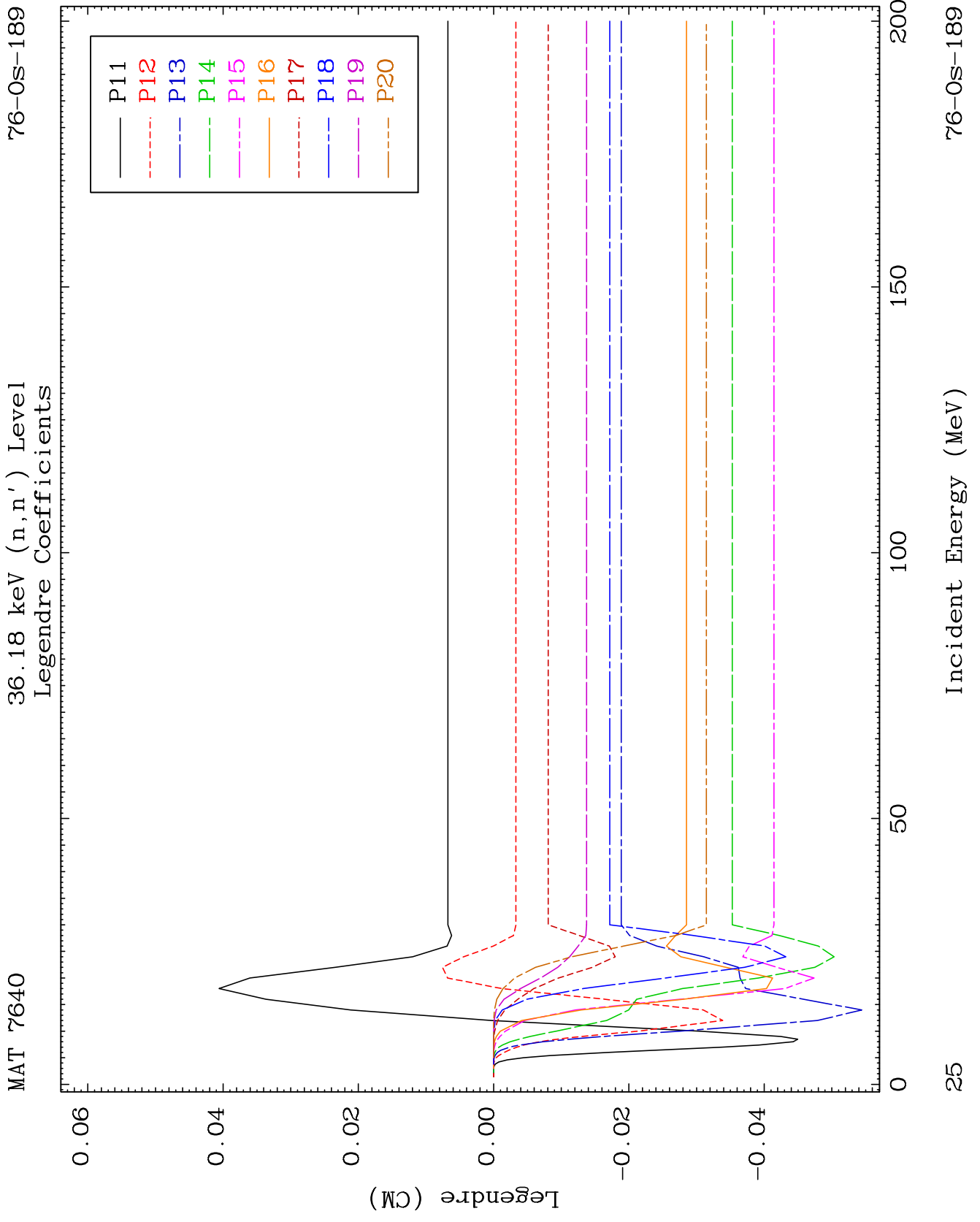
Incident Energy (MeV)

76-Os-189





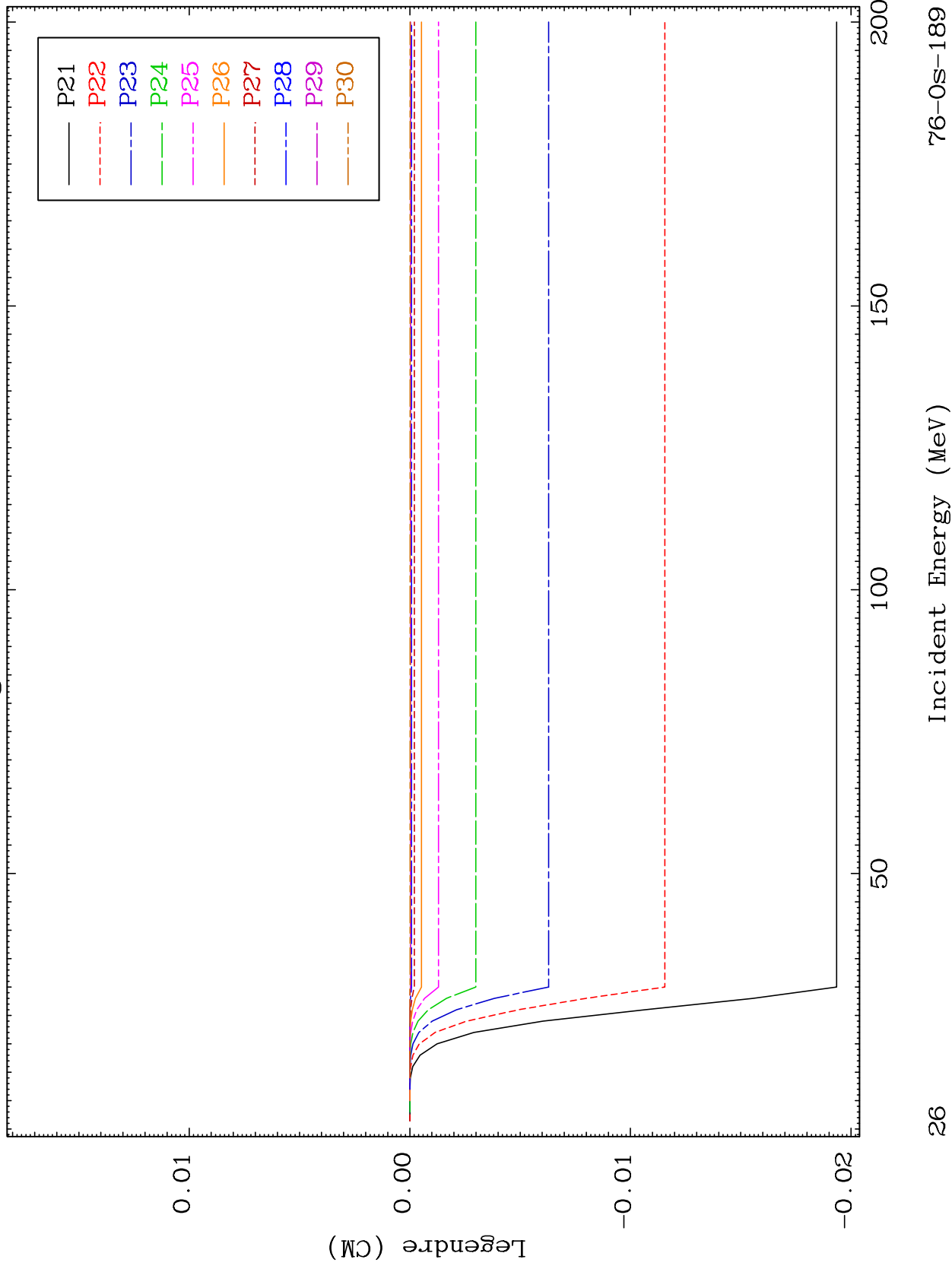




MAT 7640

36.18 keV (n,n') Level
Legendre Coefficients

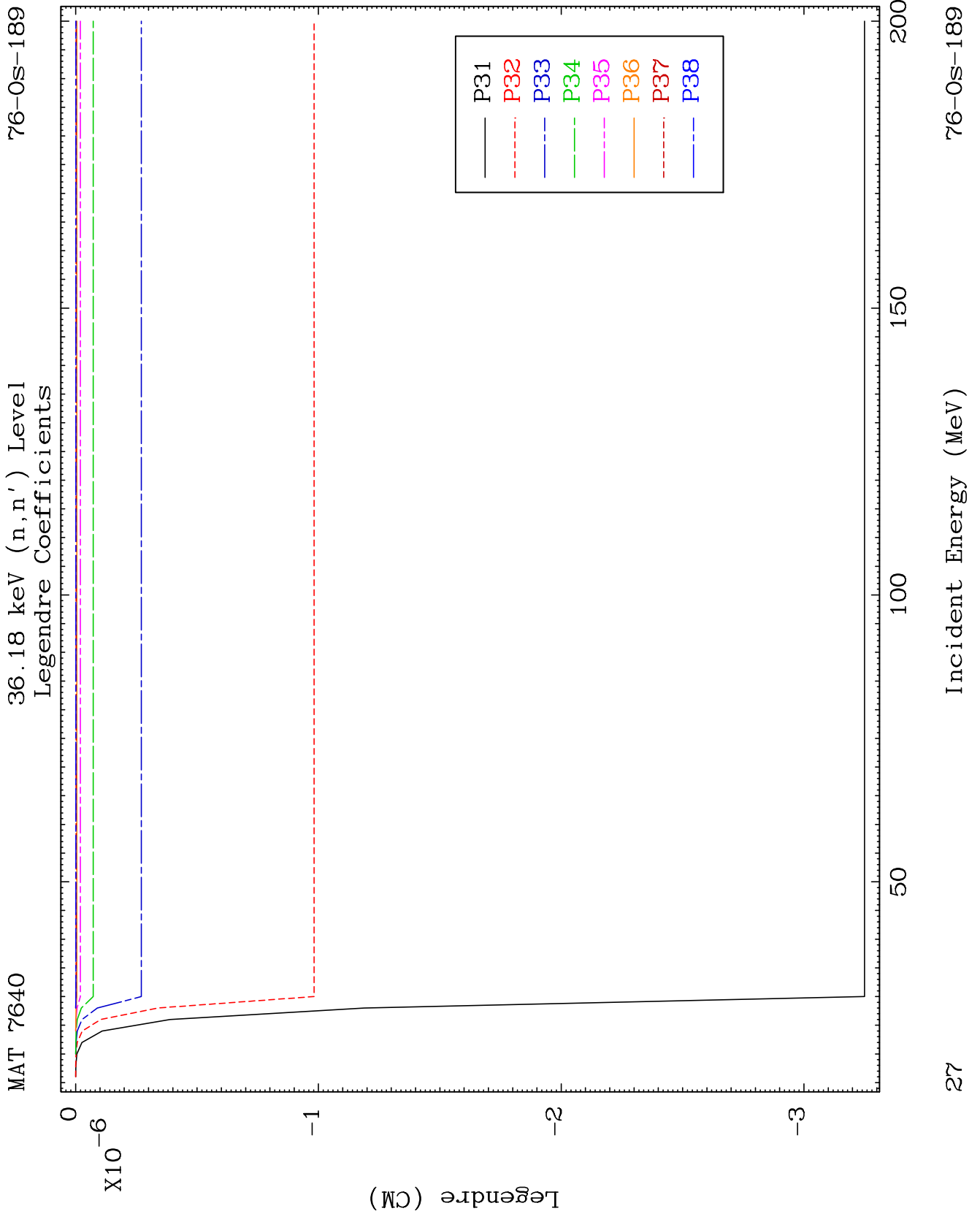
76-Os-189

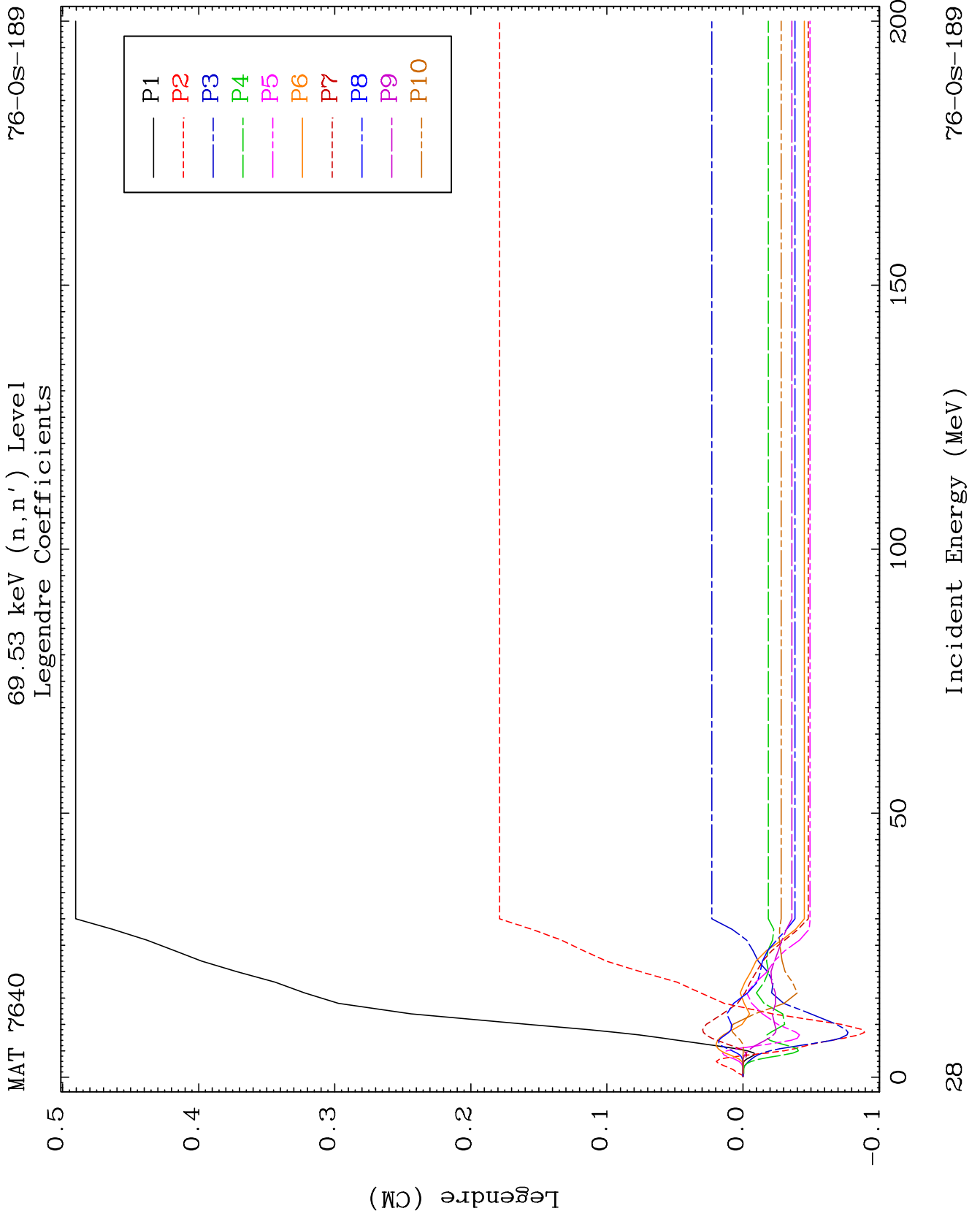


26

Incident Energy (MeV)

76-Os-189

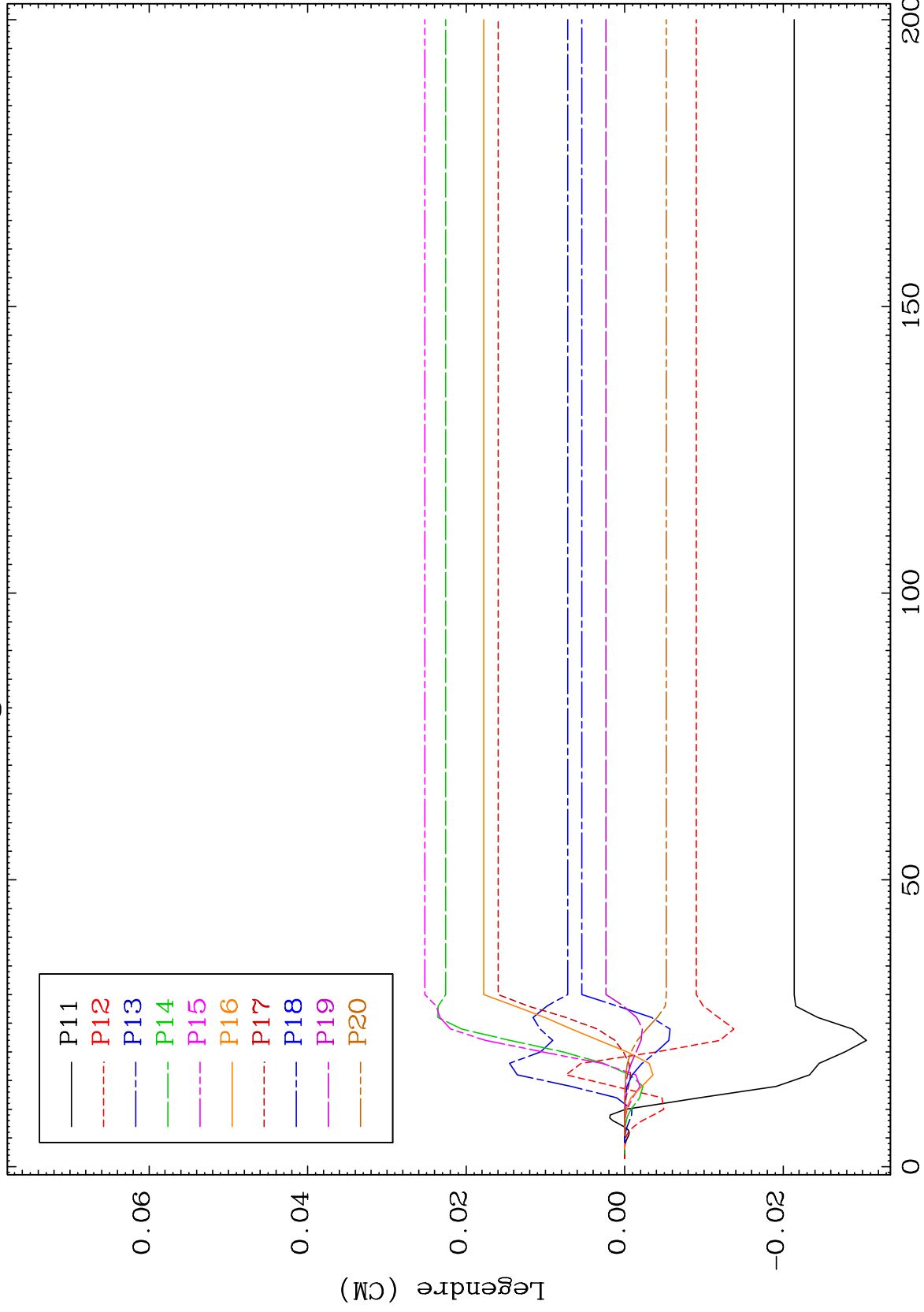




MAT 7640

69.53 keV (n,n') Level
Legendre Coefficients

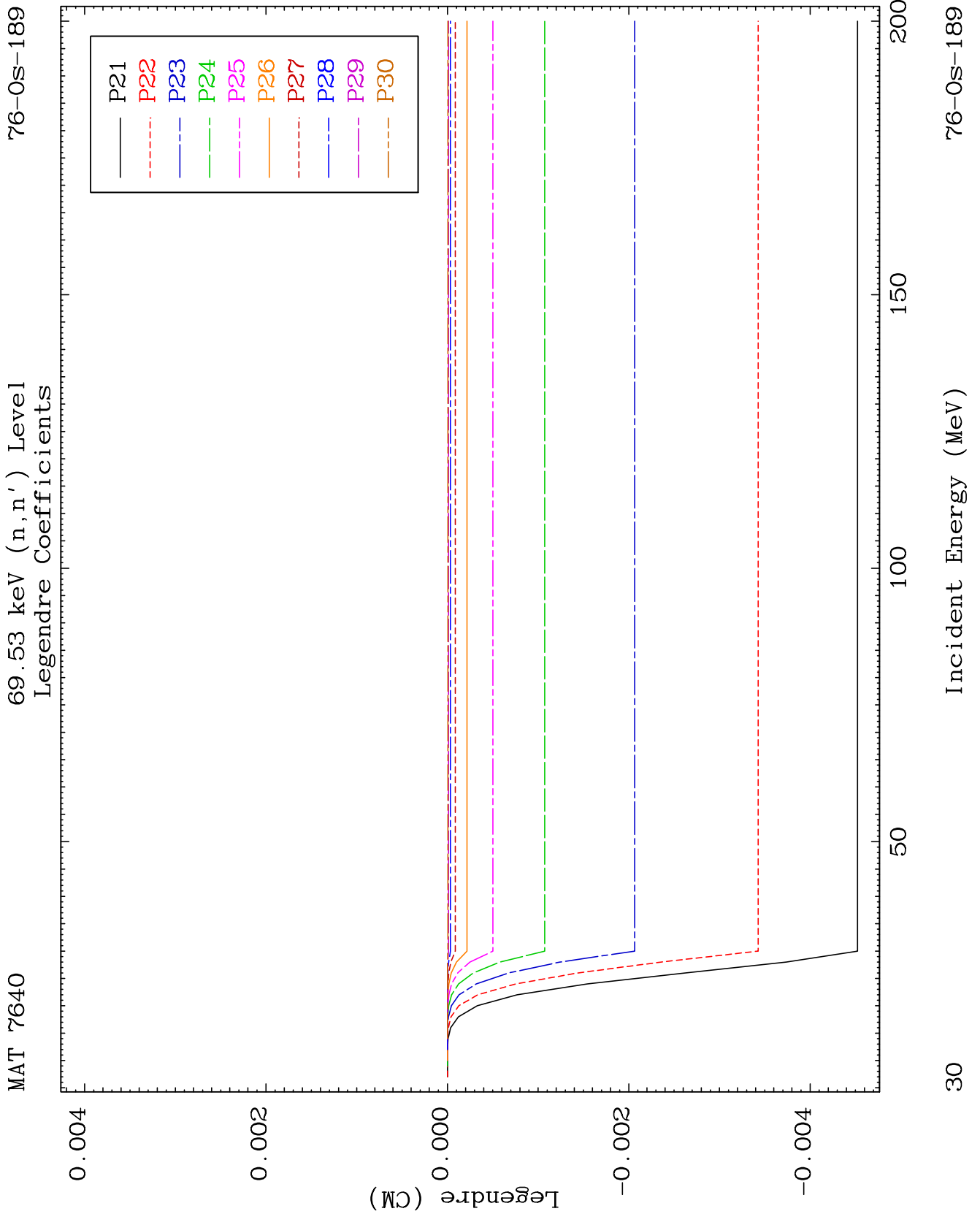
76-Os-189

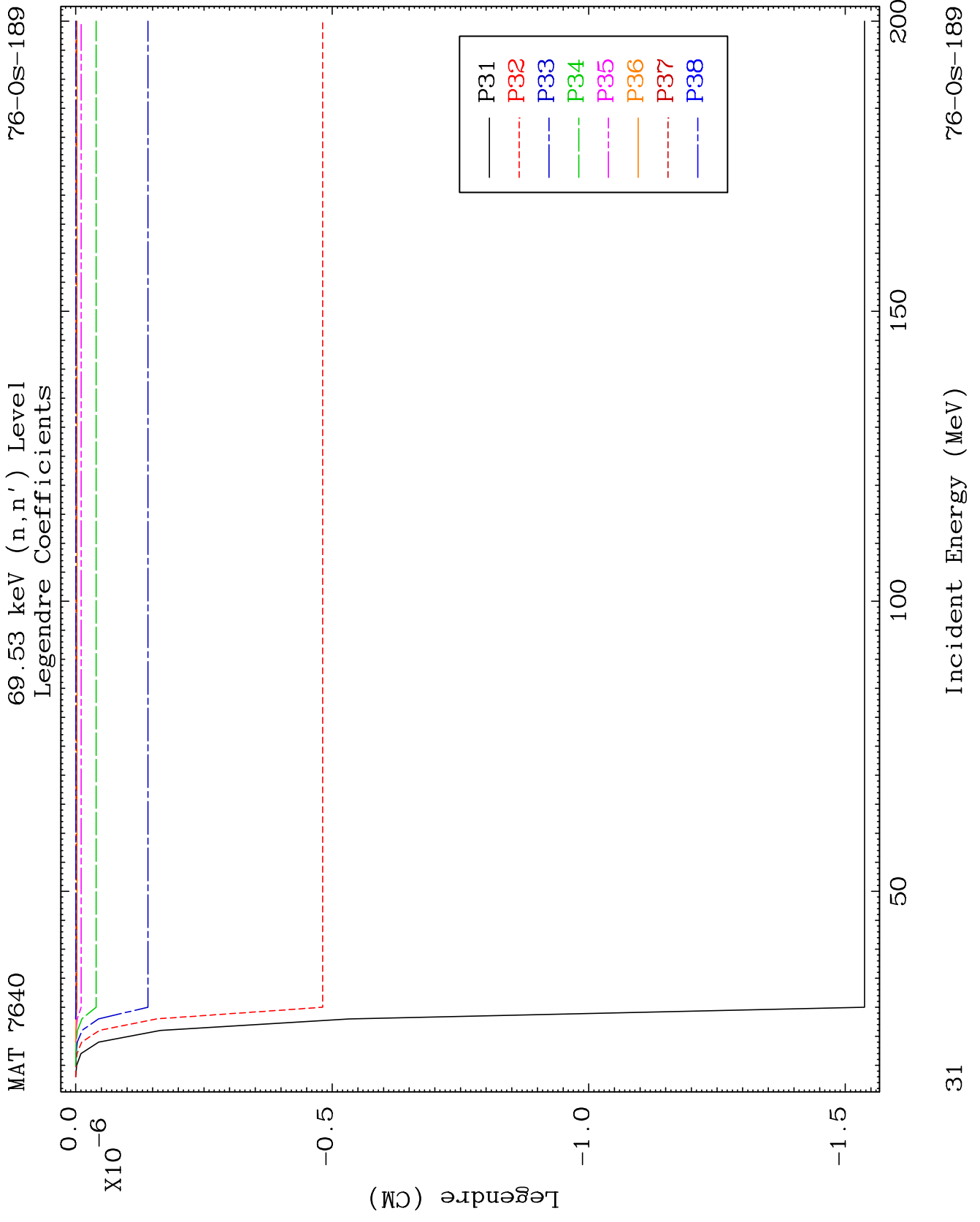


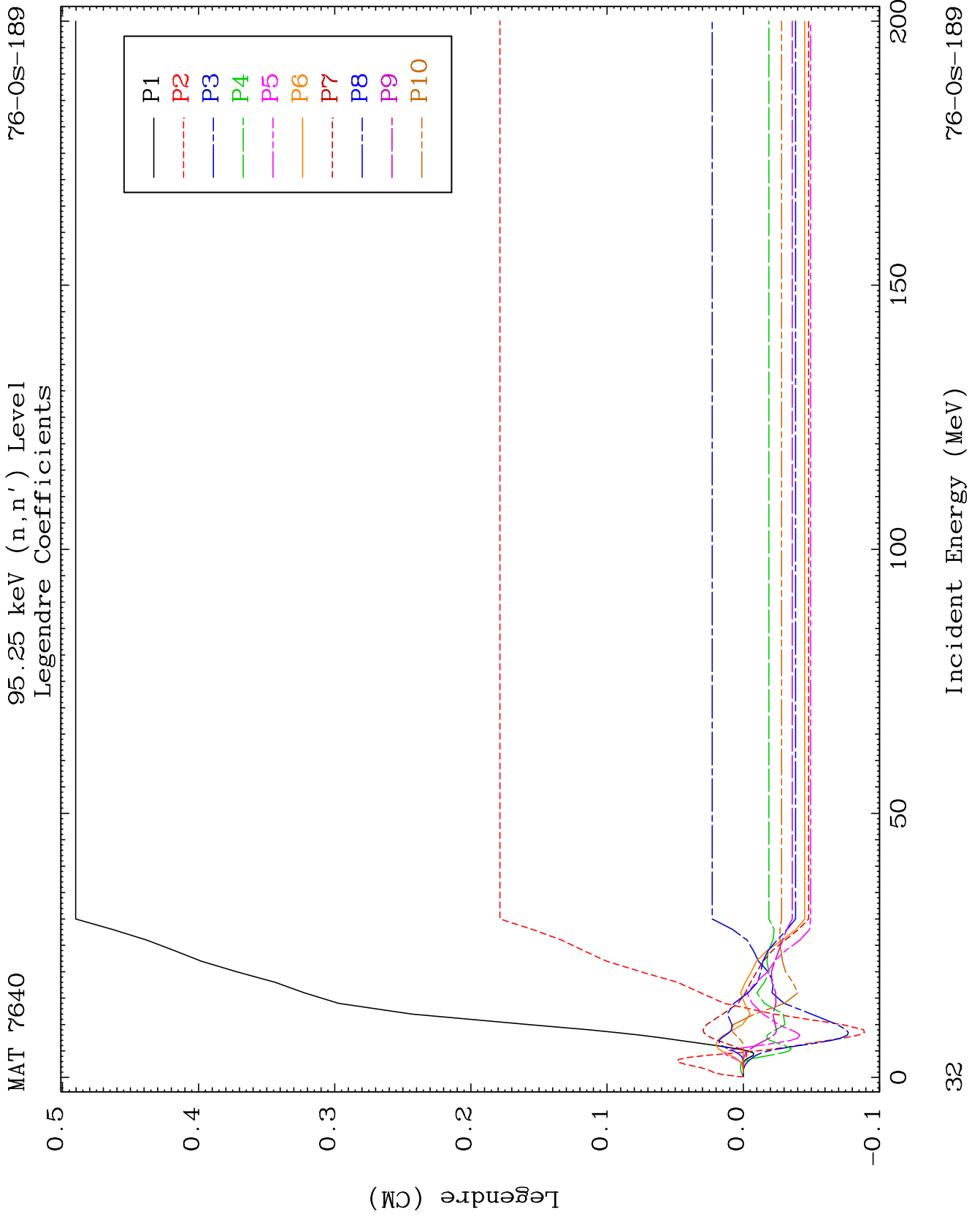
29

Incident Energy (MeV)

76-Os-189



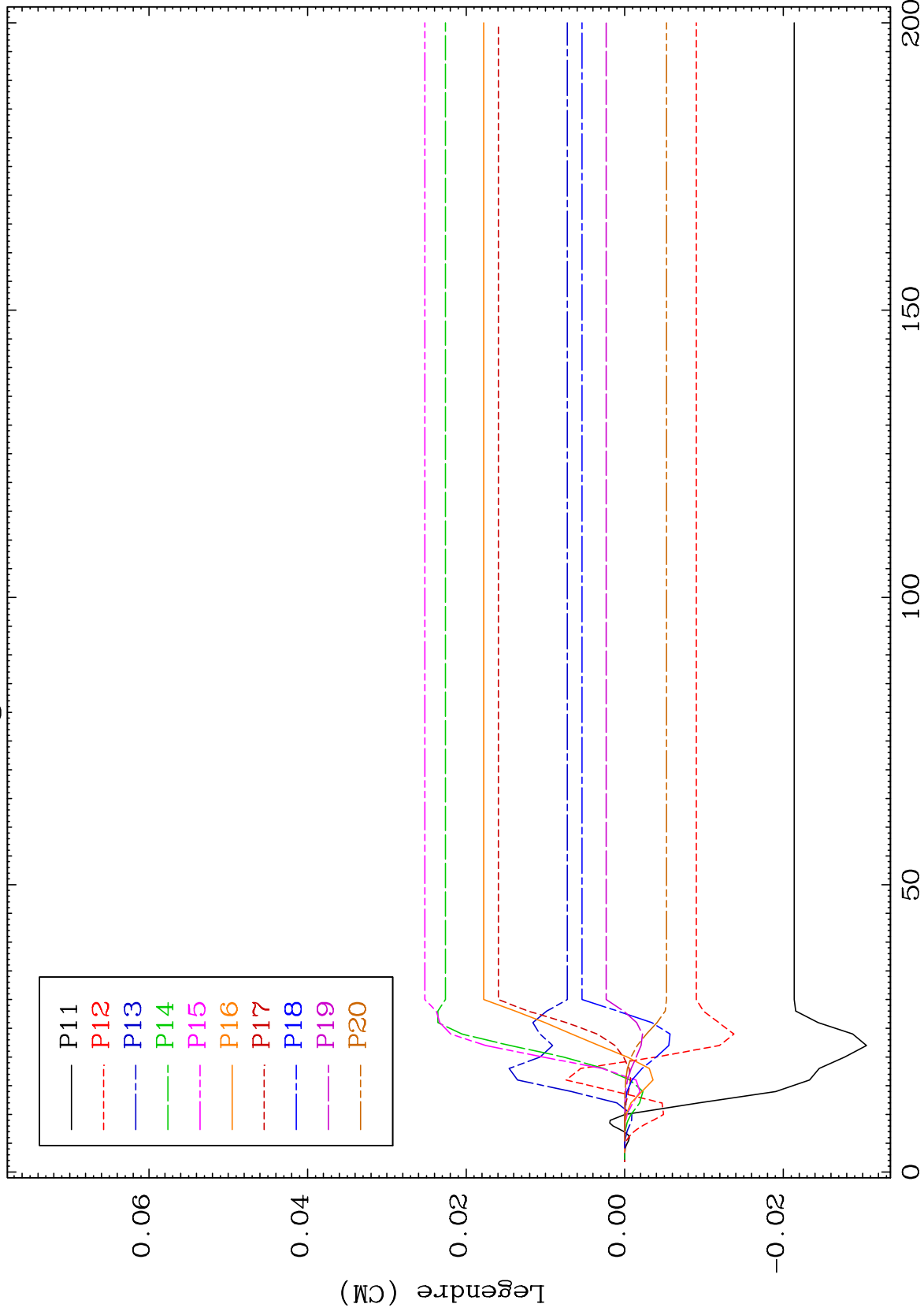




MAT 7640

95.25 keV (n,n') Level
Legendre Coefficients

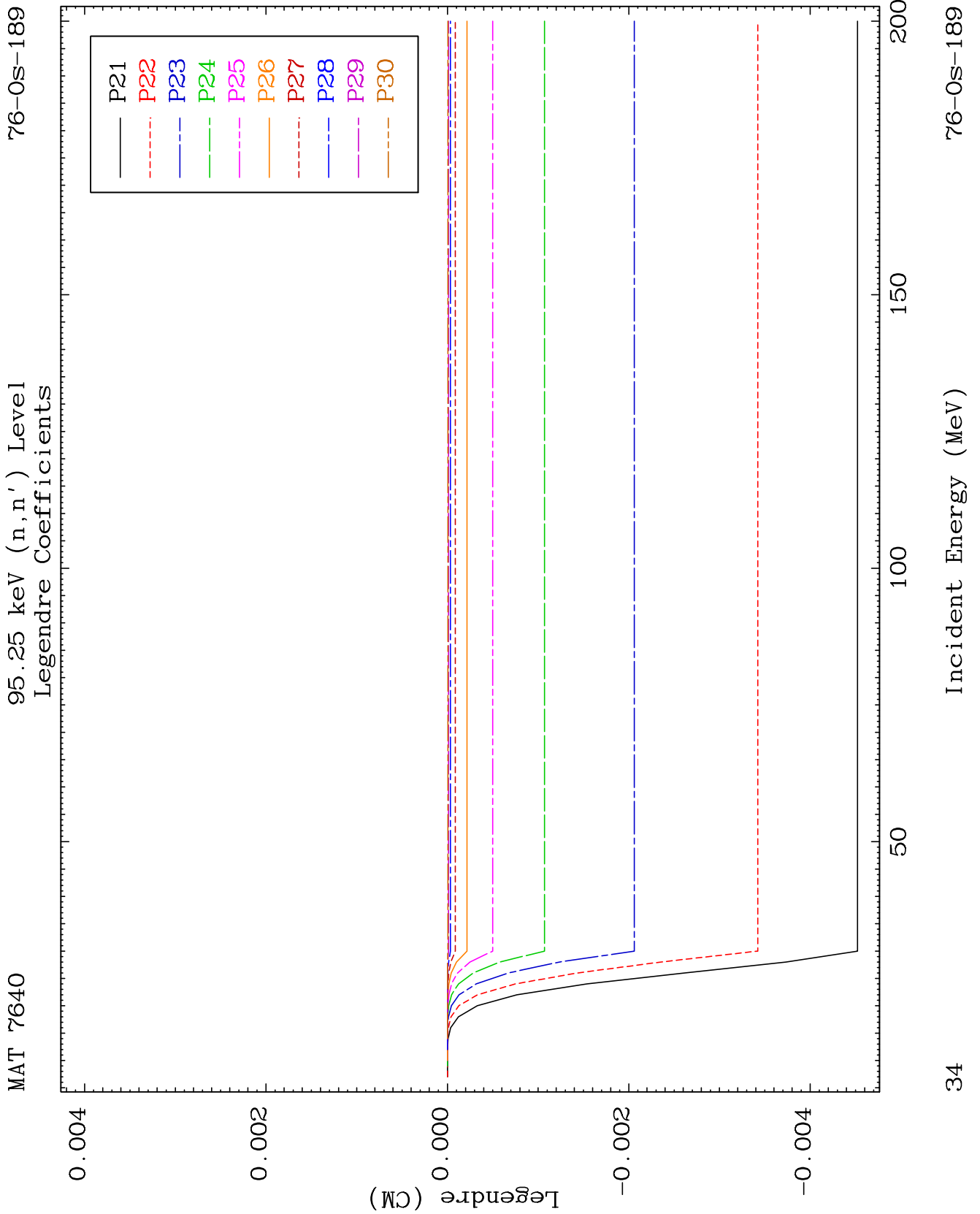
76-Os-189

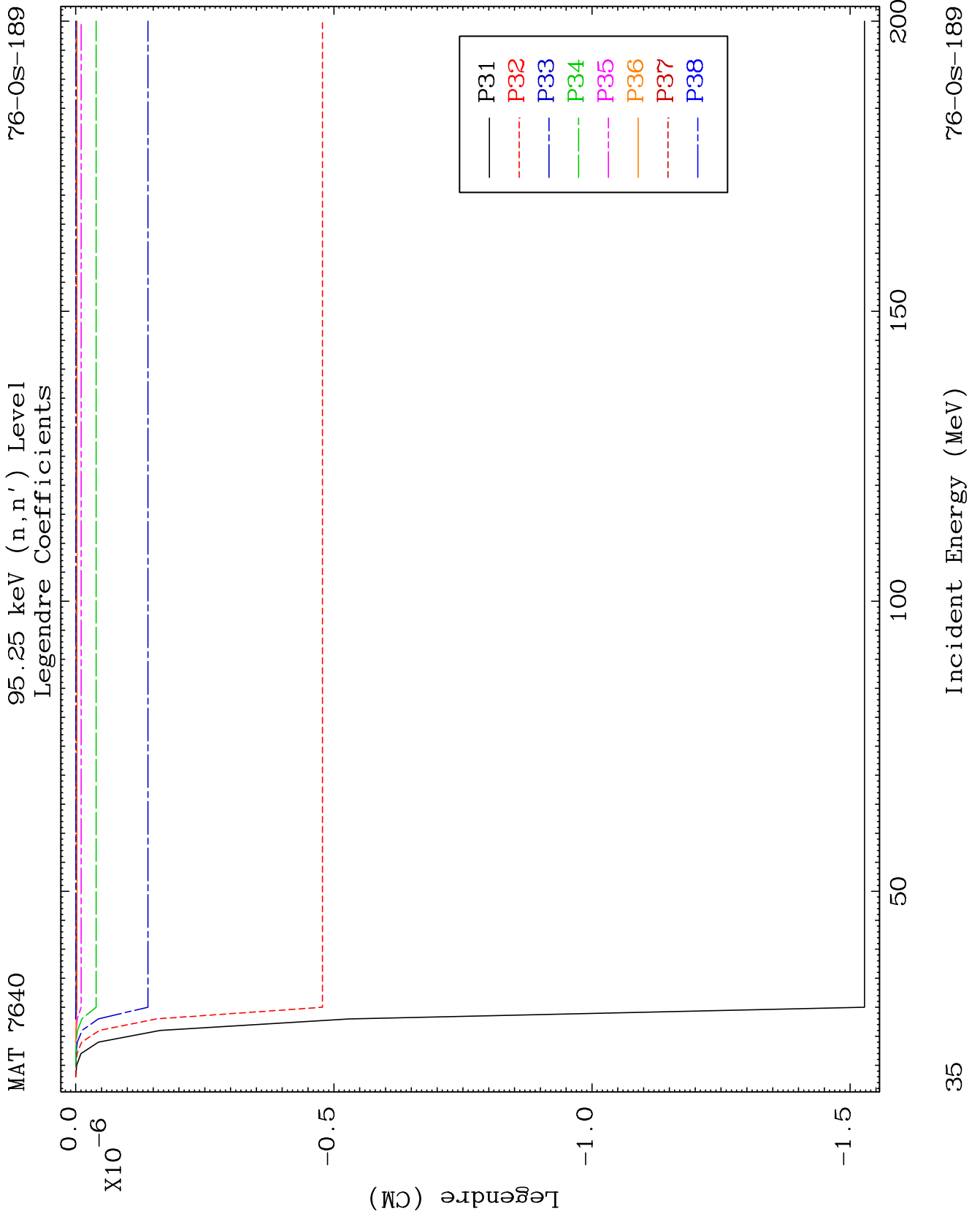


33

Incident Energy (MeV)

76-Os-189

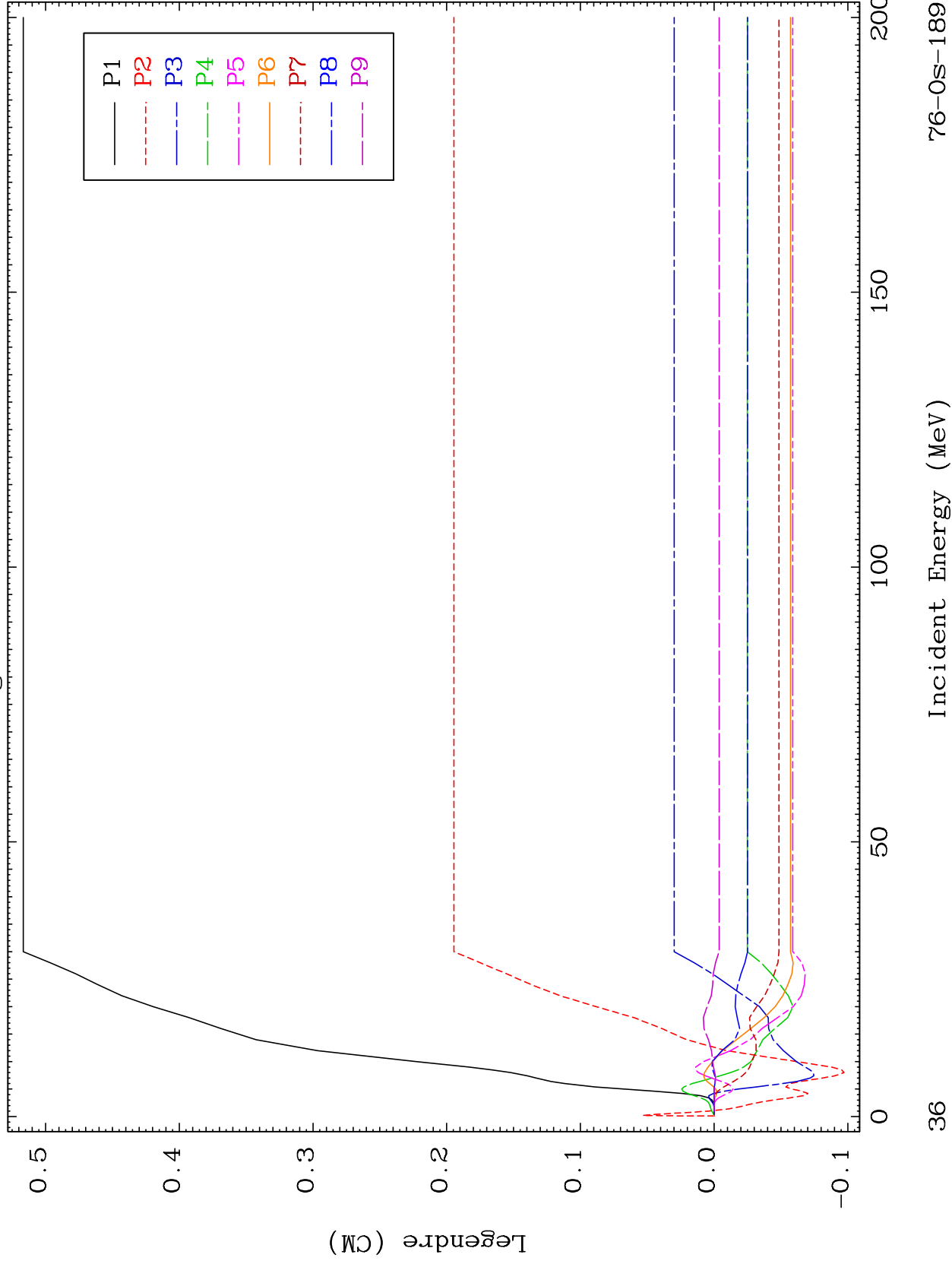




MAT 7640

97.35 keV (n,n') Level
Legendre Coefficients

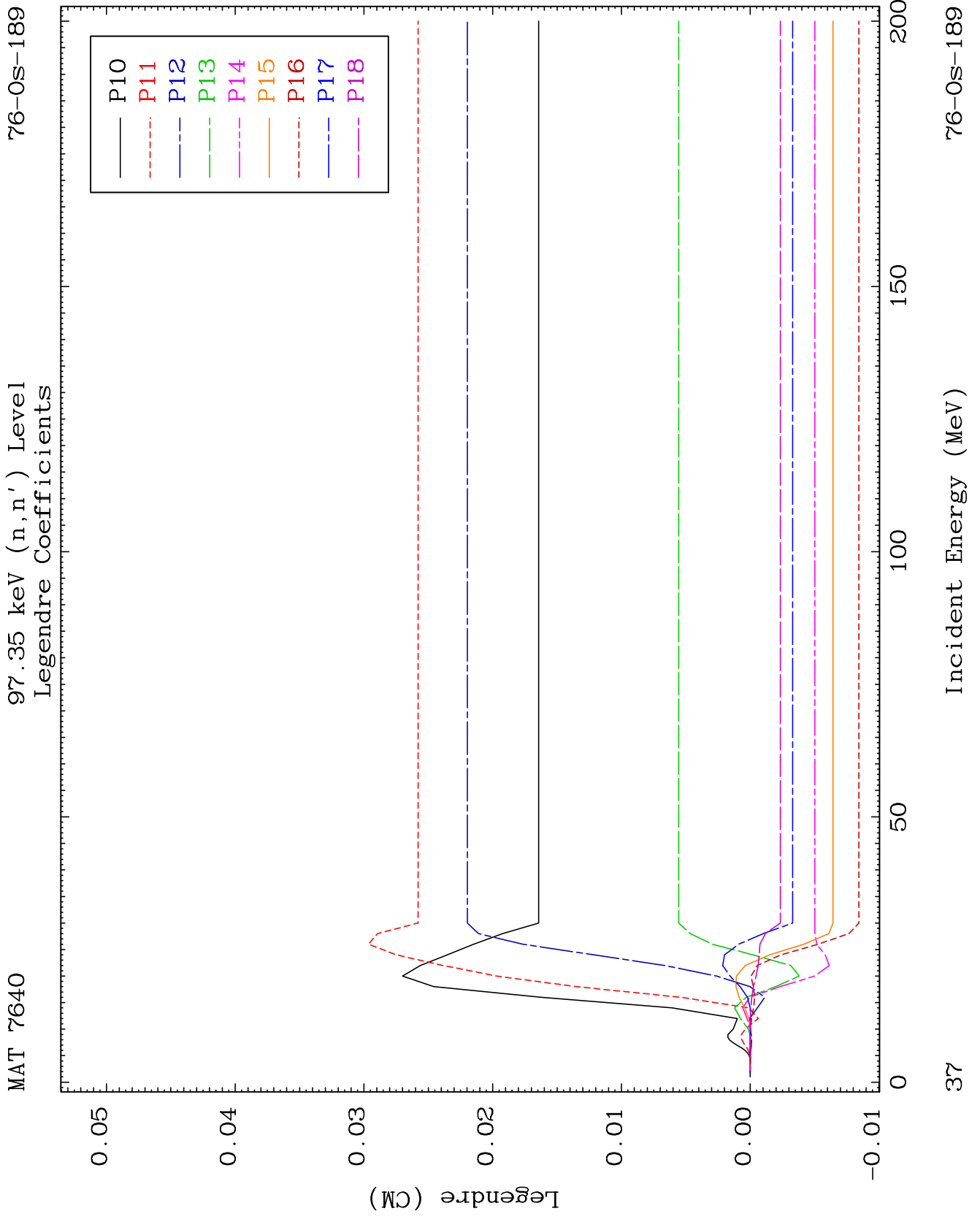
76-Os-189

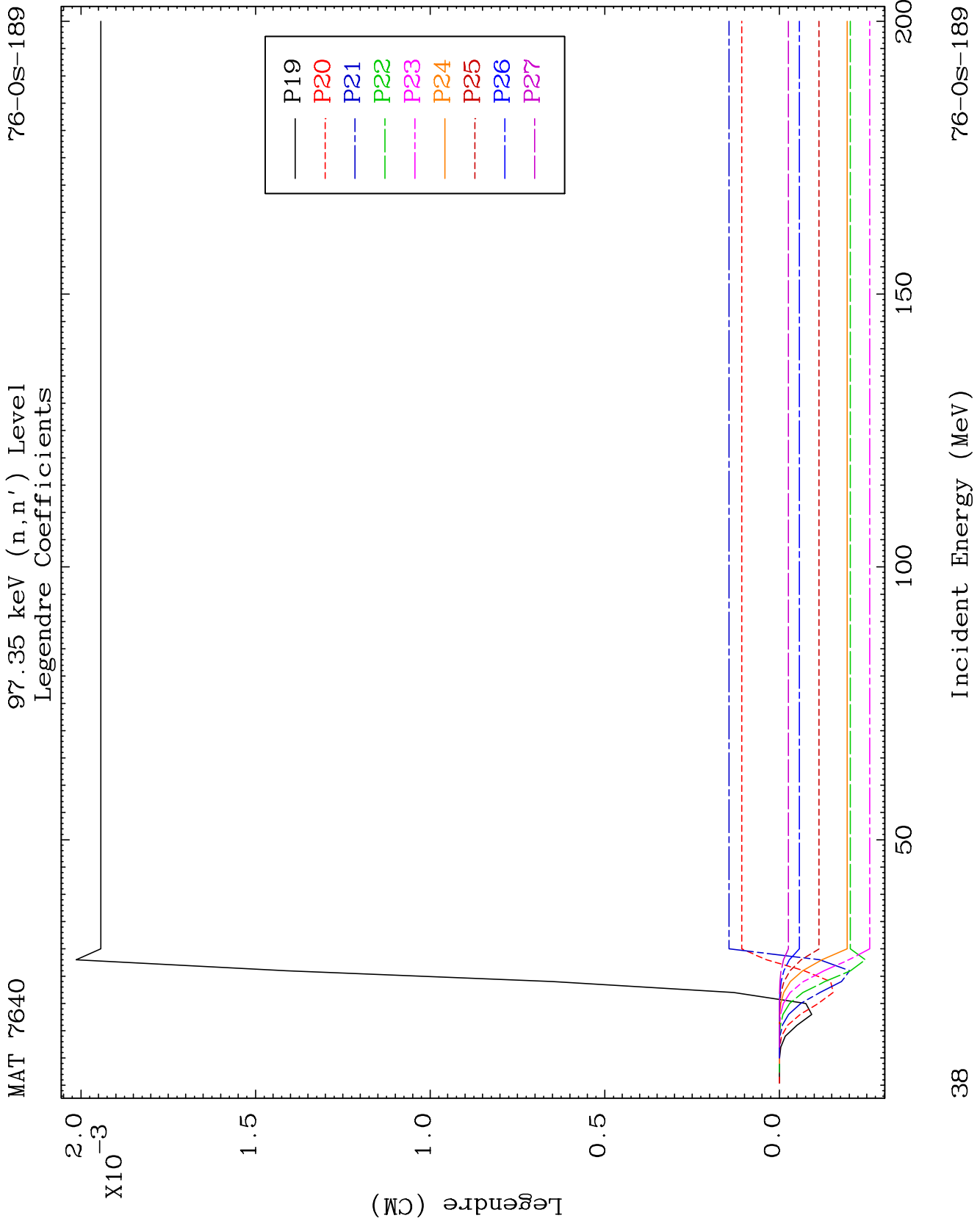


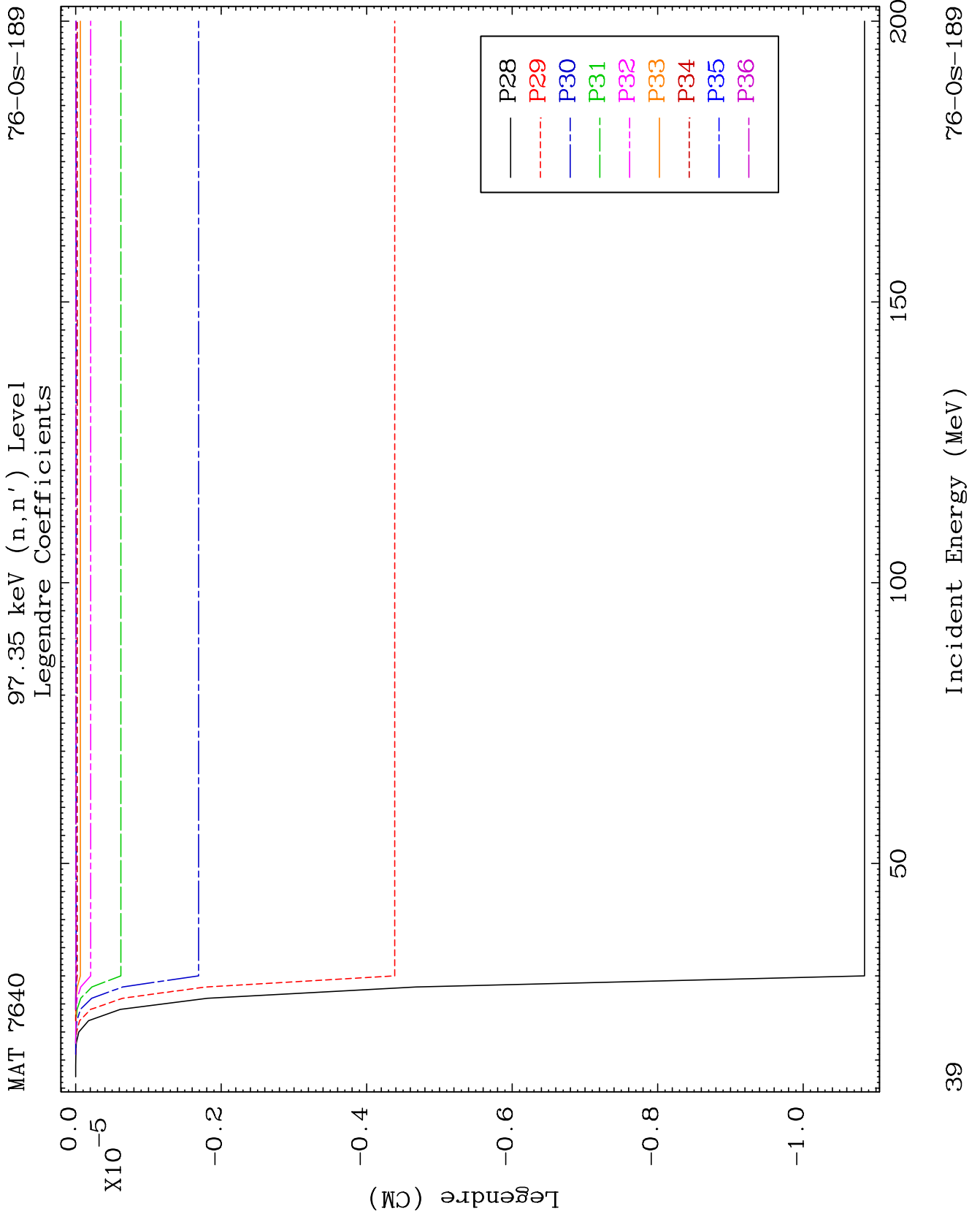
36

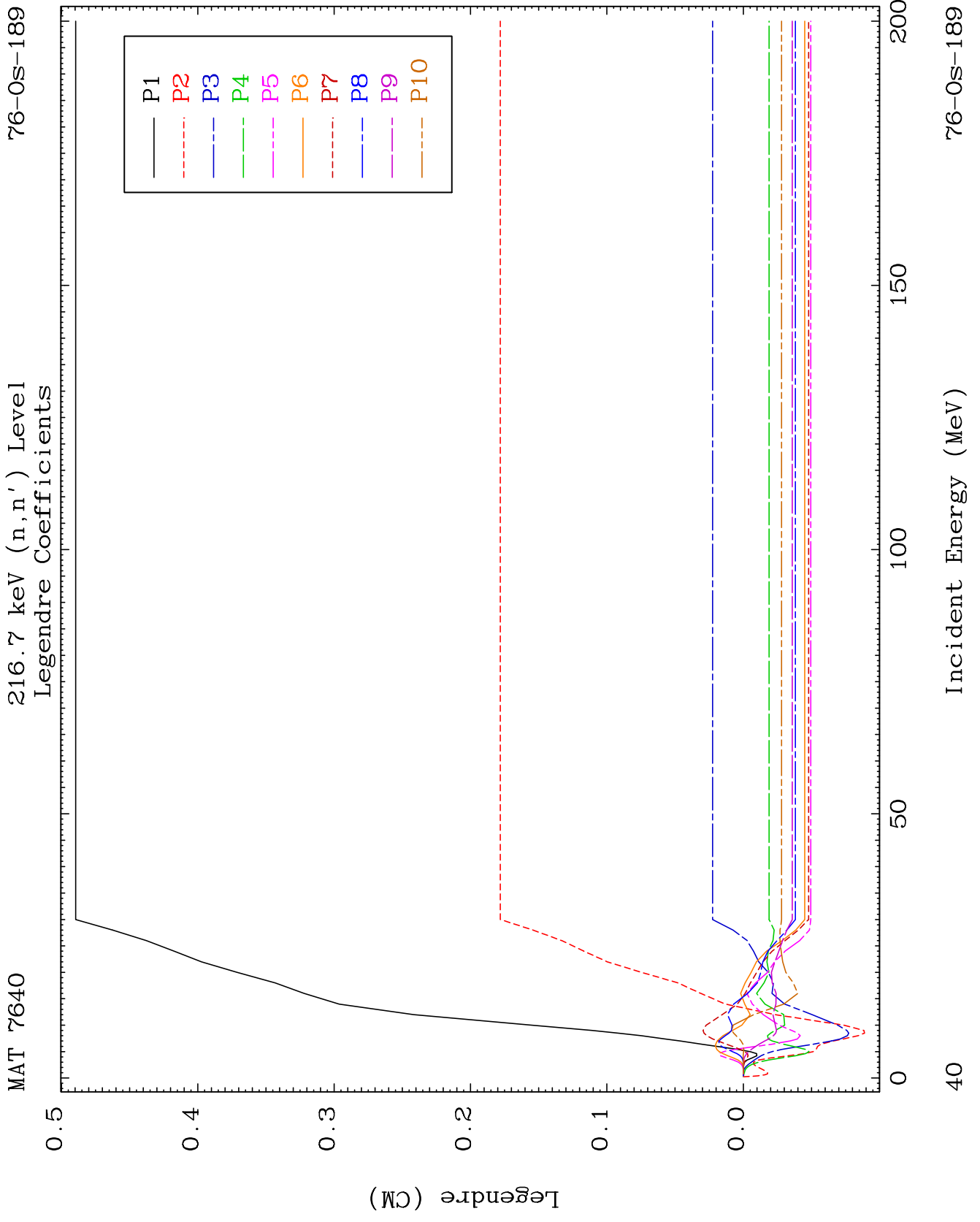
Incident Energy (MeV)

76-Os-189





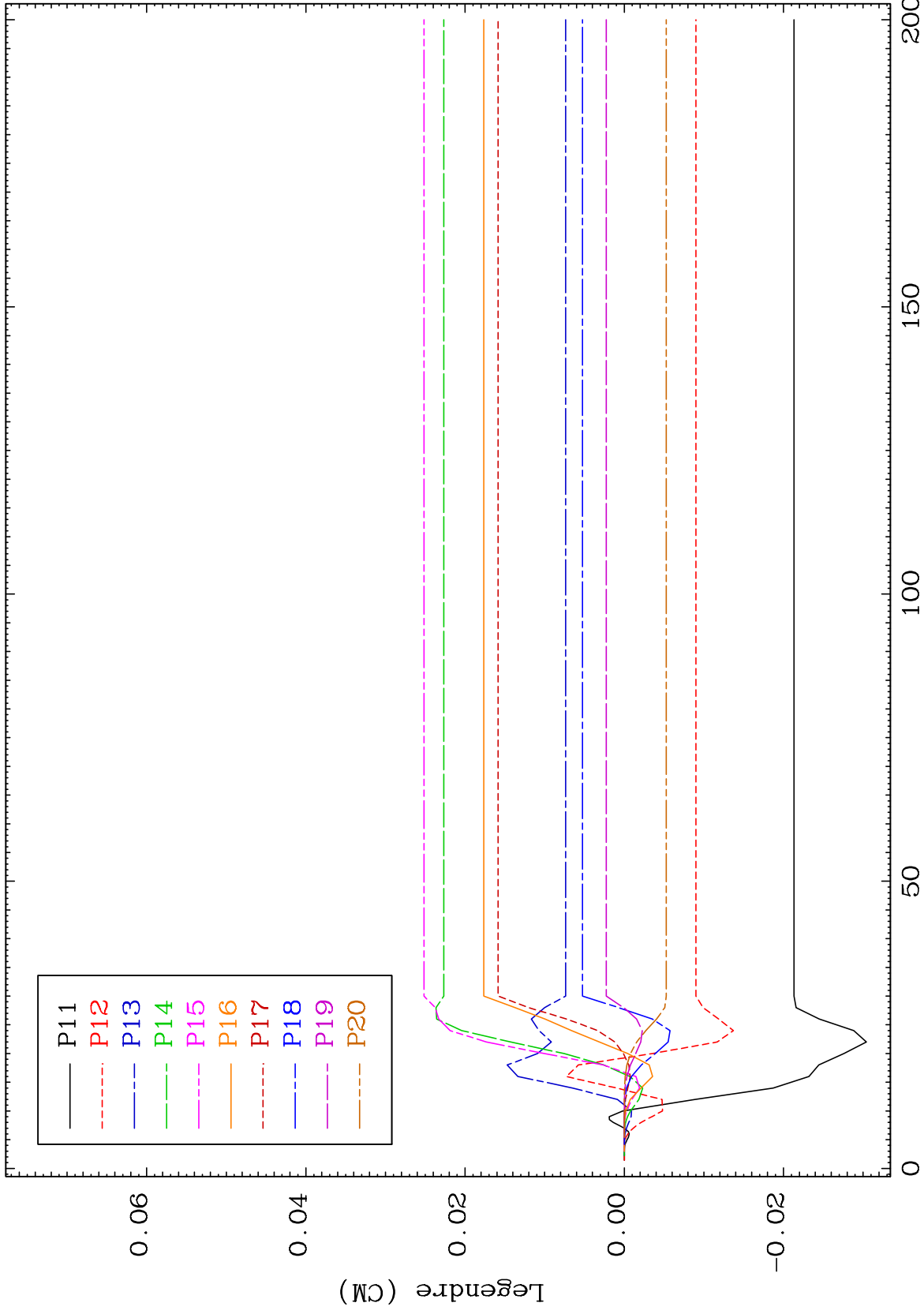




MAT 7640

216.7 keV (n,n') Level
Legendre Coefficients

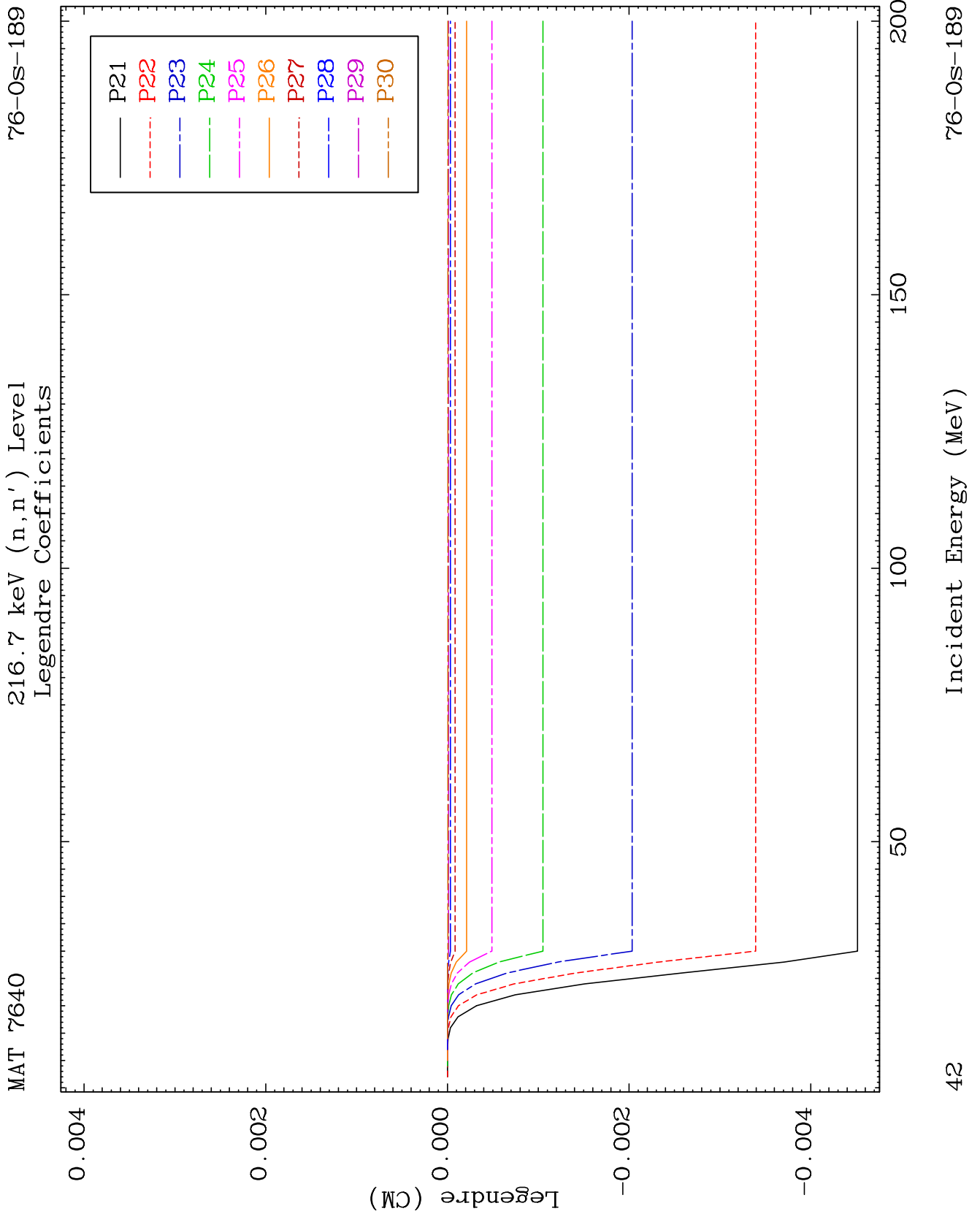
76-Os-189

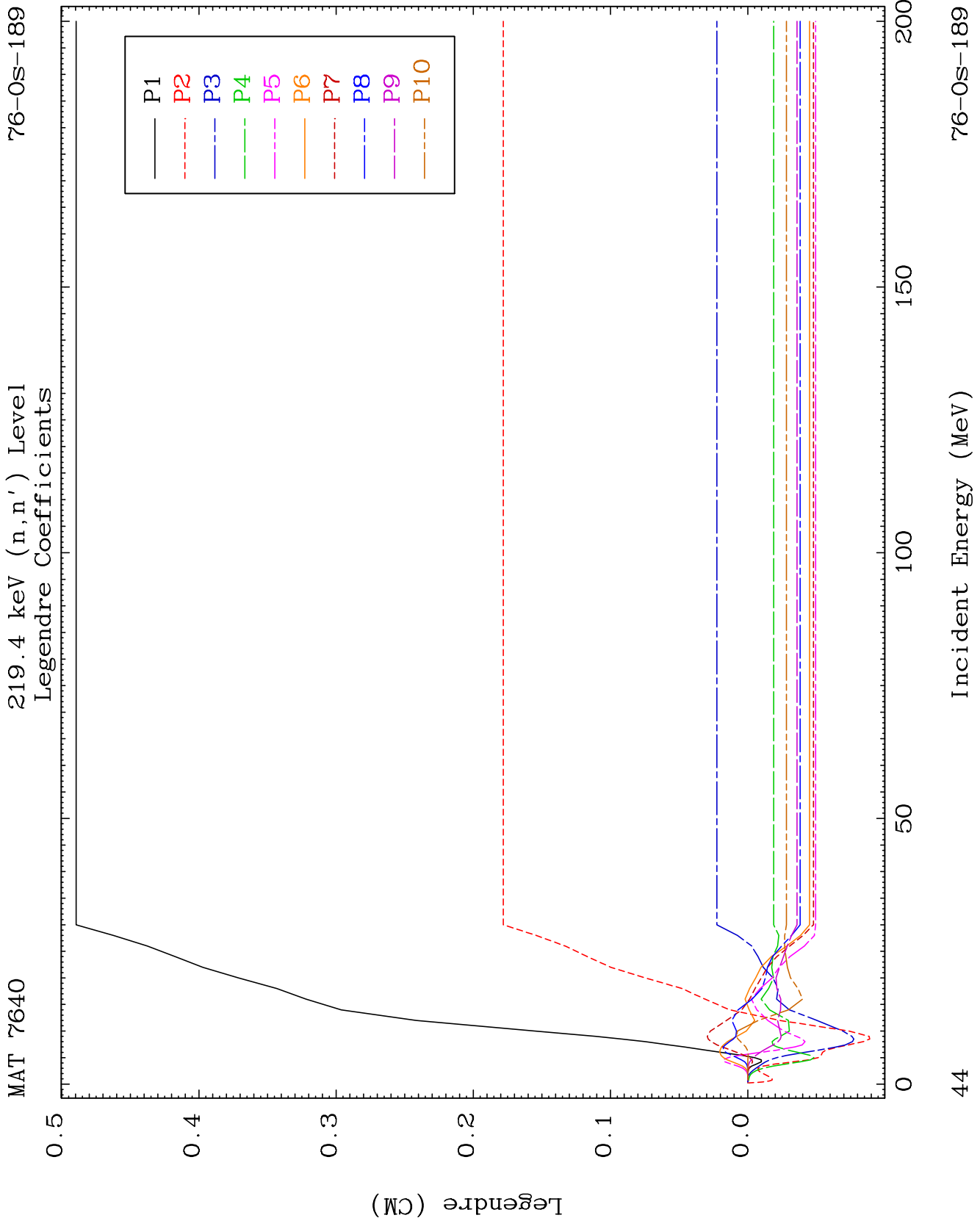


41

Incident Energy (MeV)

76-Os-189

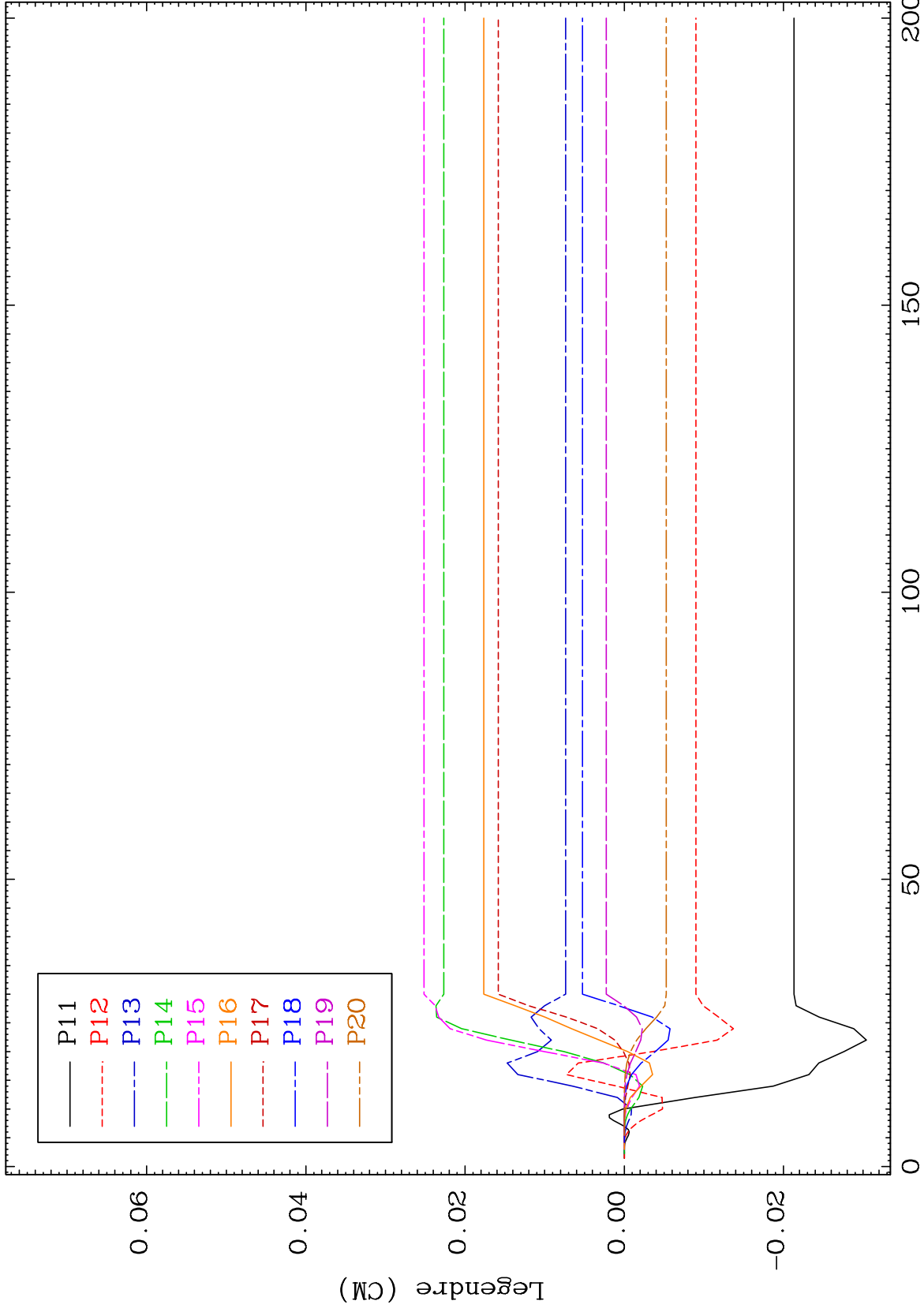




MAT 7640

219.4 keV (n,n') Level
Legendre Coefficients

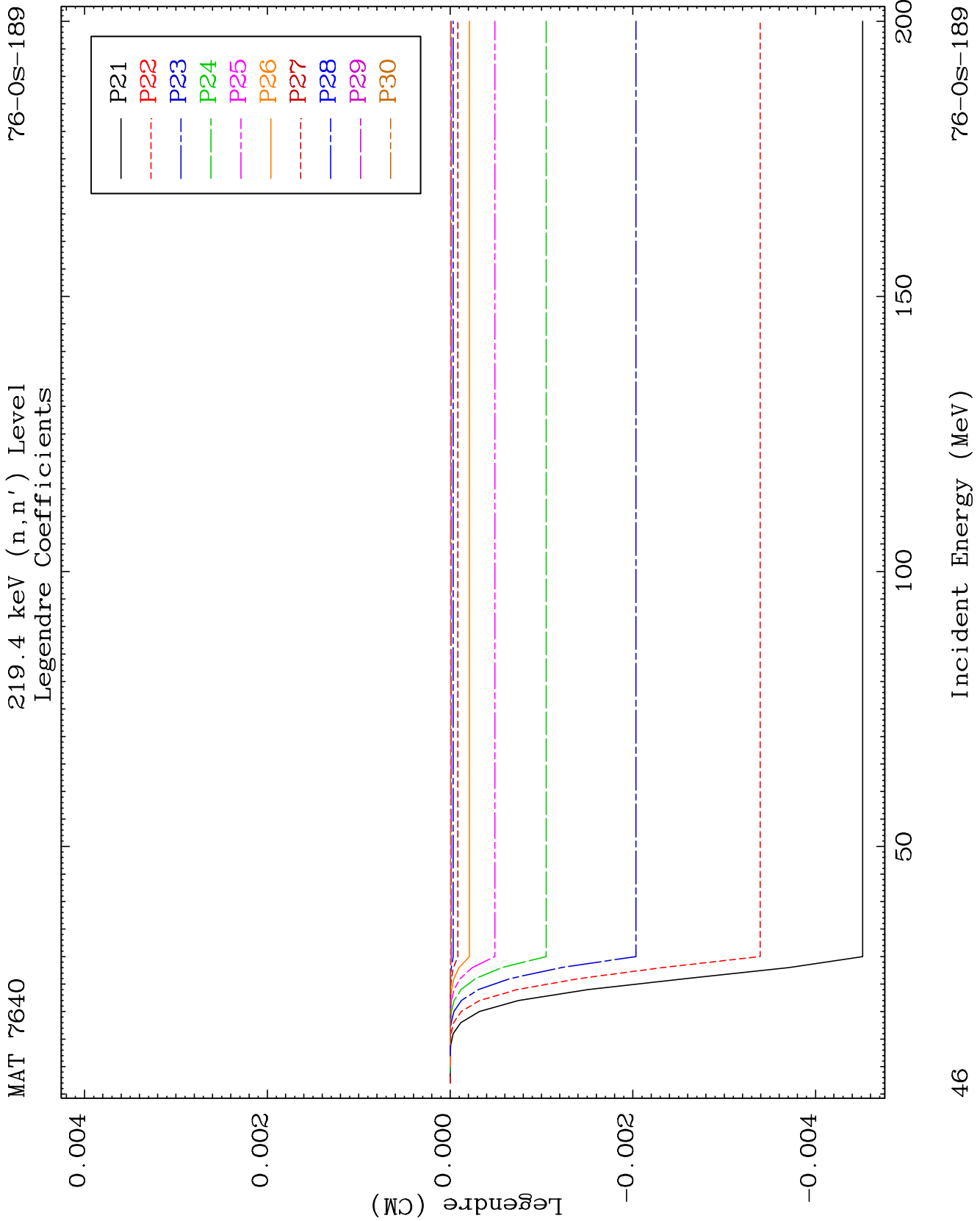
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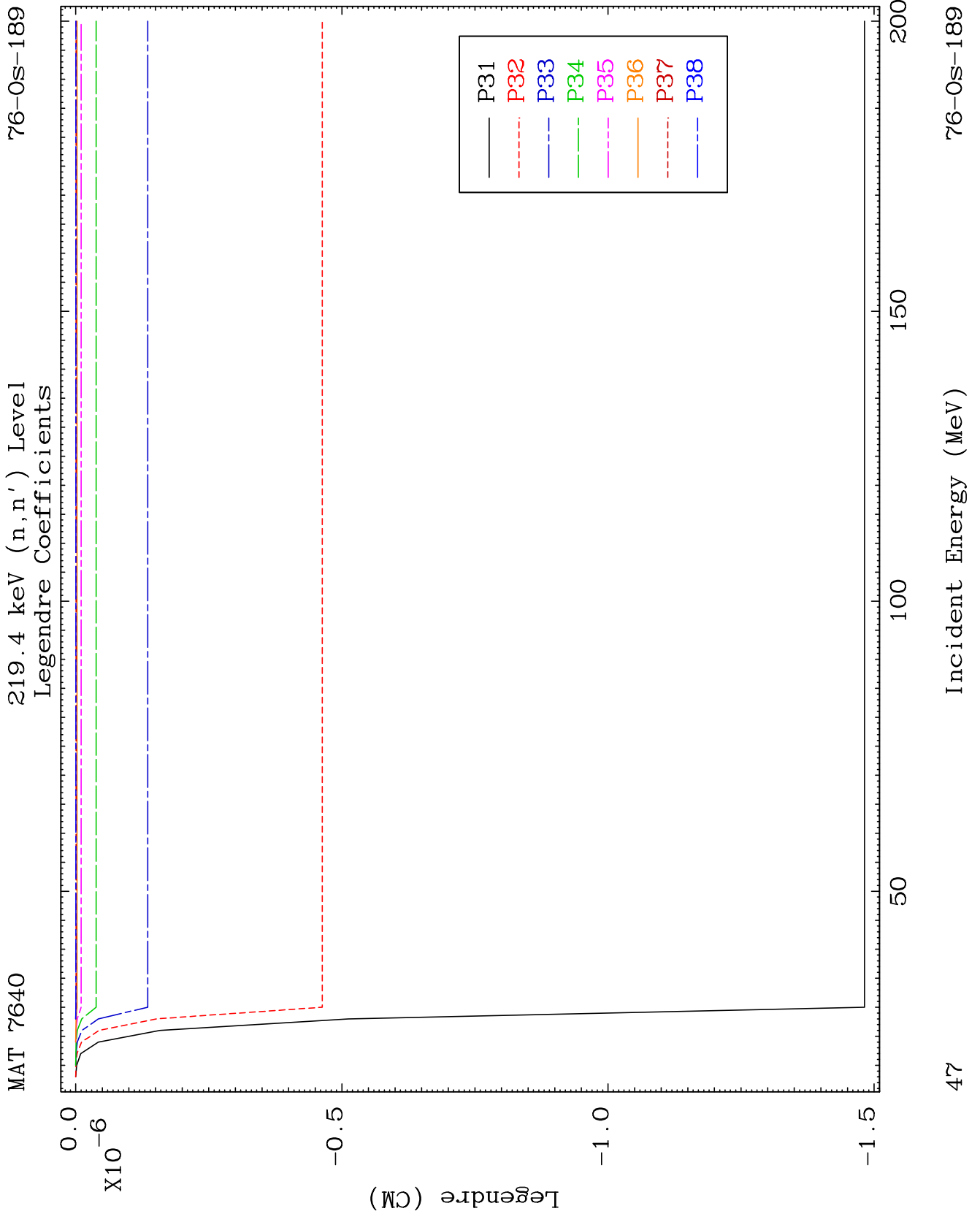


45

Incident Energy (MeV)

76-Os-189

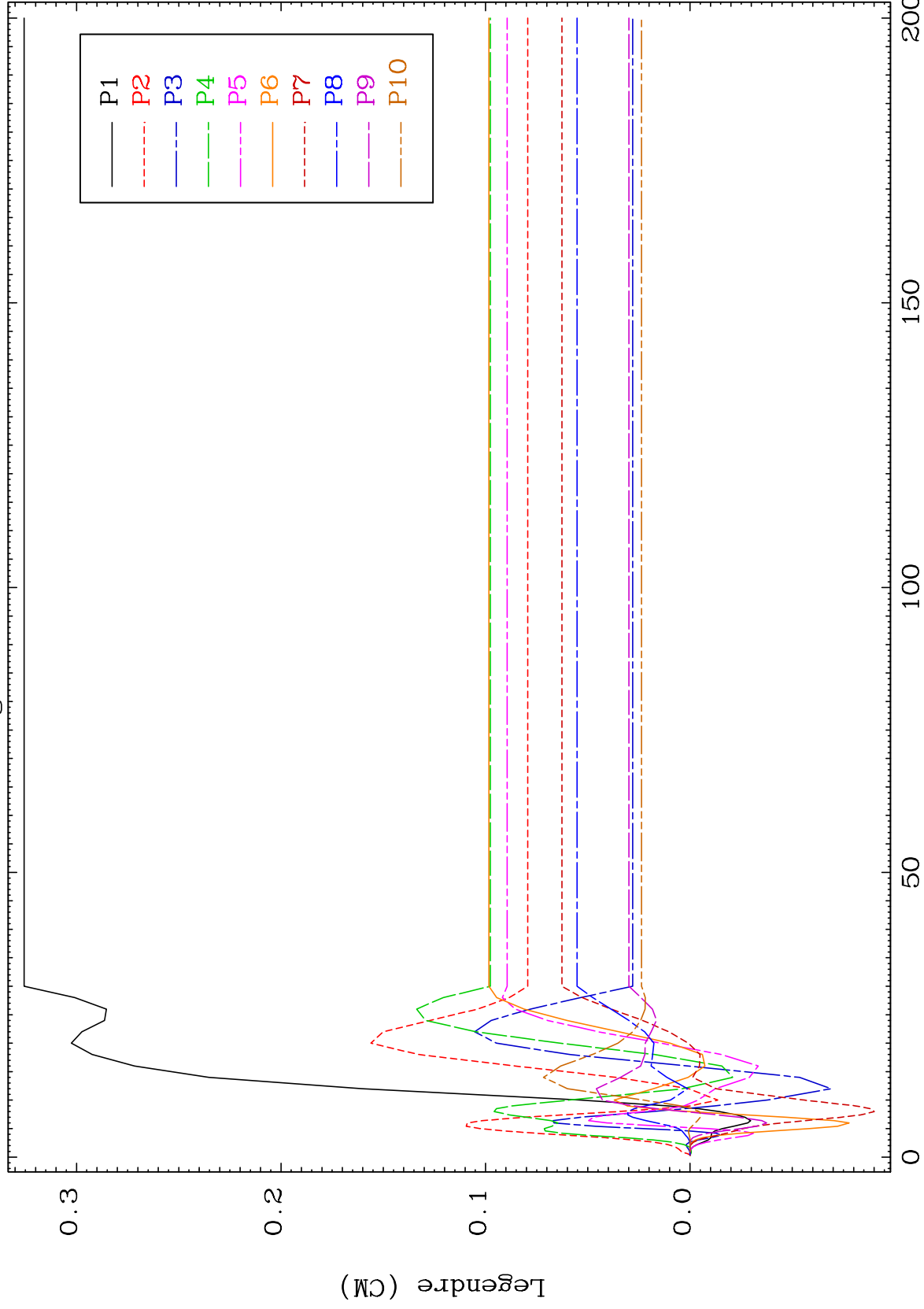




MAT 7640

233.6 keV (n,n') Level
Legendre Coefficients

76-Os-189



48

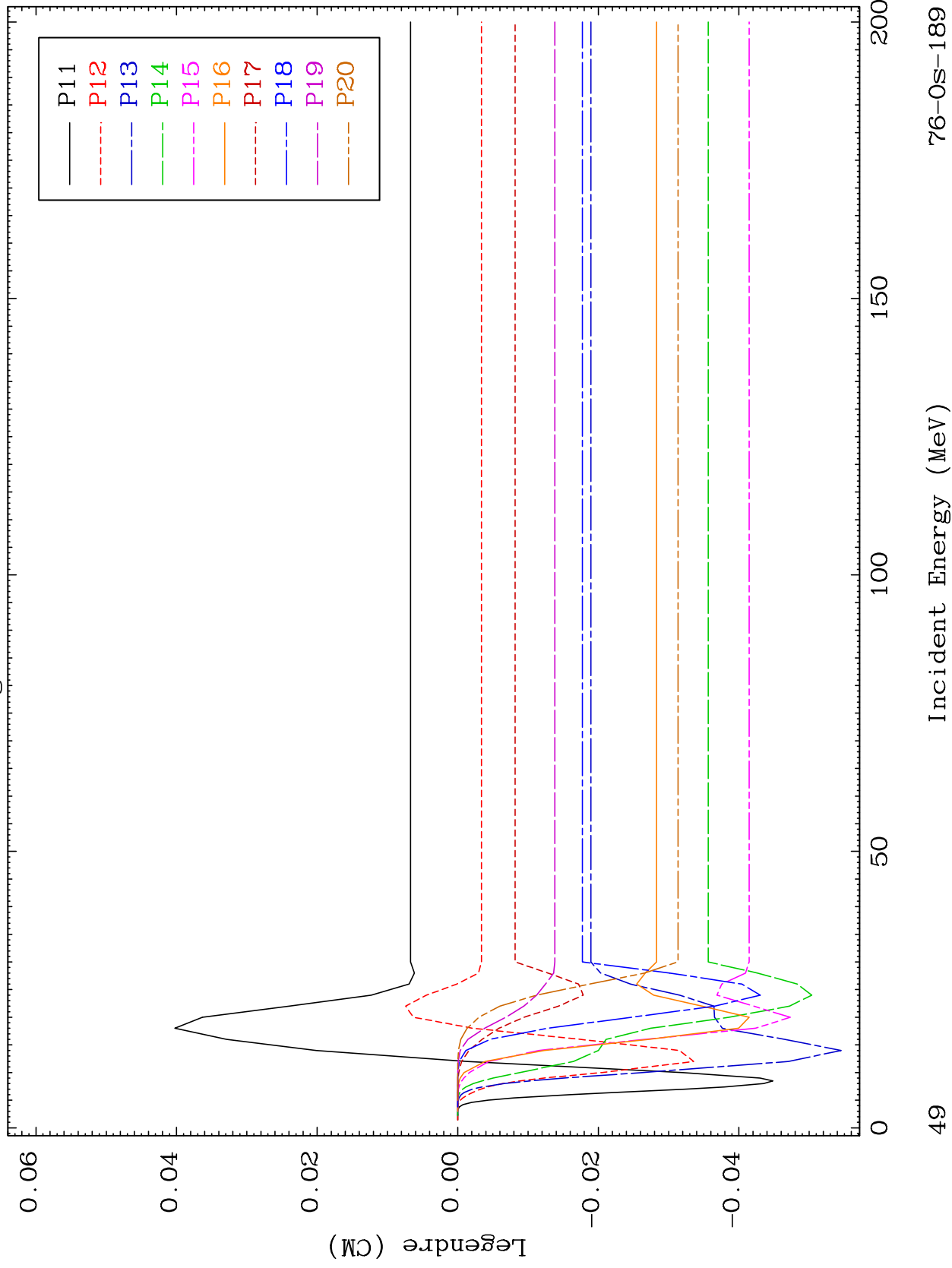
Incident Energy (MeV)

76-Os-189

MAT 7640

233.6 keV (n,n') Level
Legendre Coefficients

76-Os-189



49

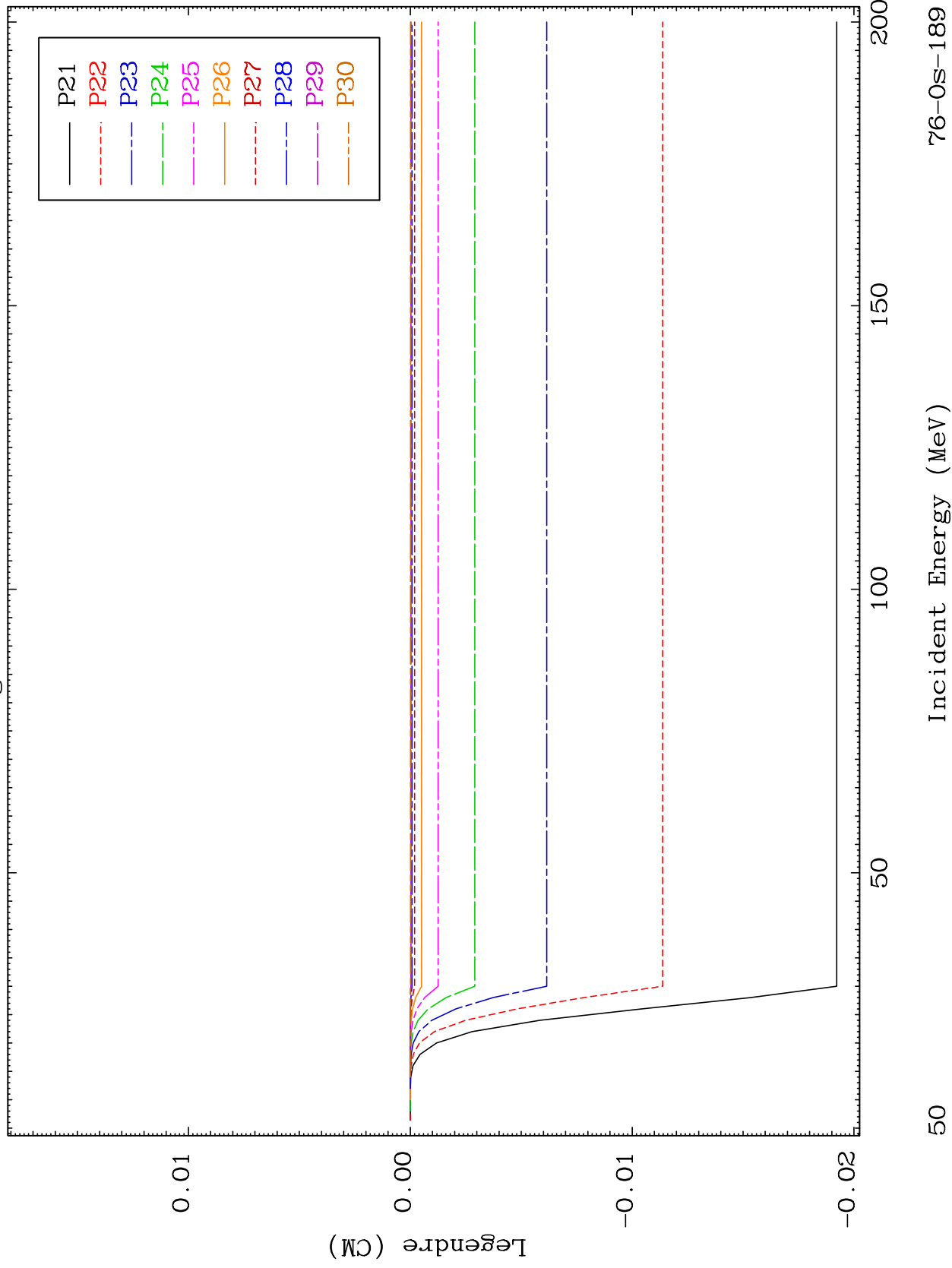
Incident Energy (MeV)

76-Os-189

MAT 7640

233.6 keV (n,n') Level
Legendre Coefficients

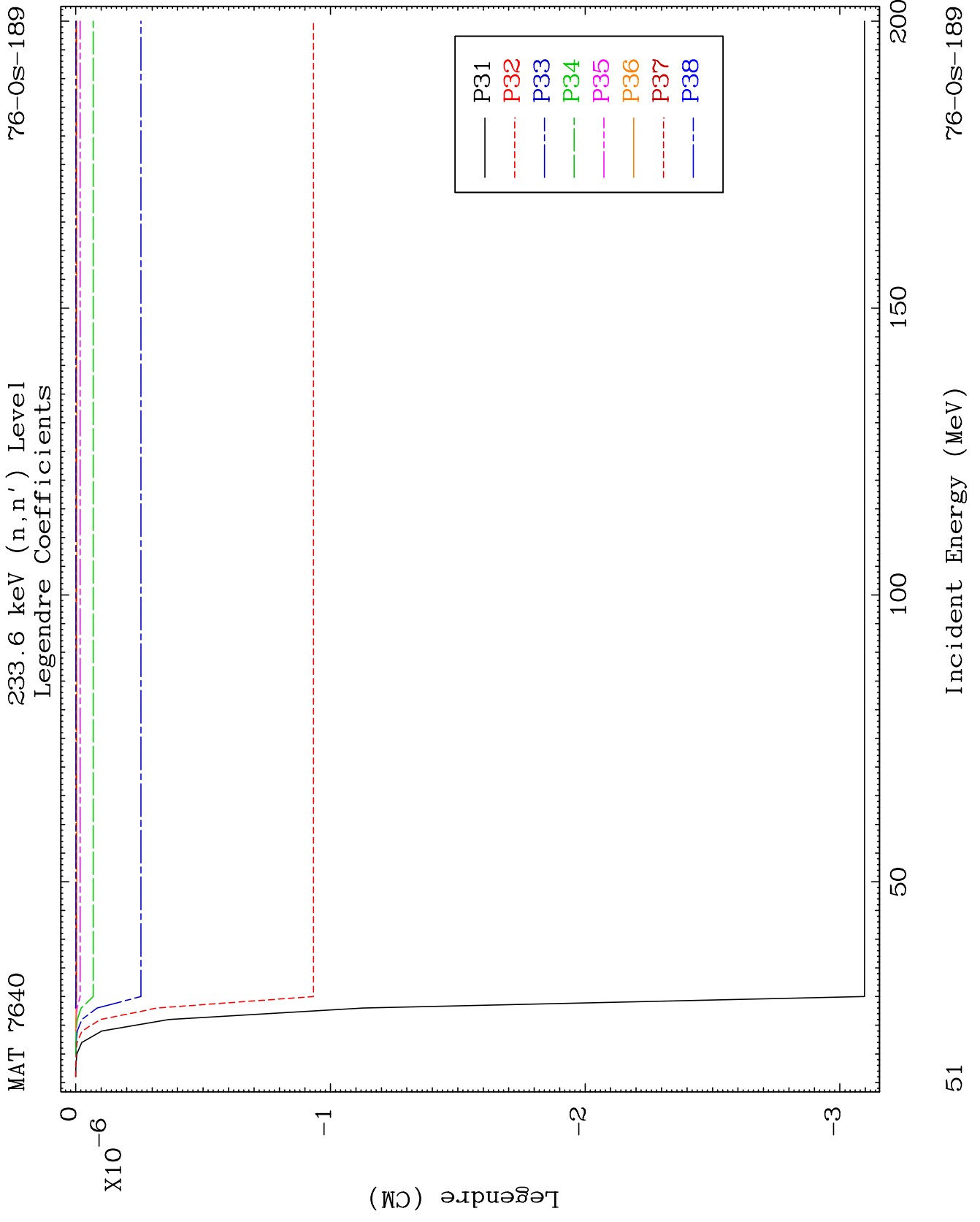
76-Os-189

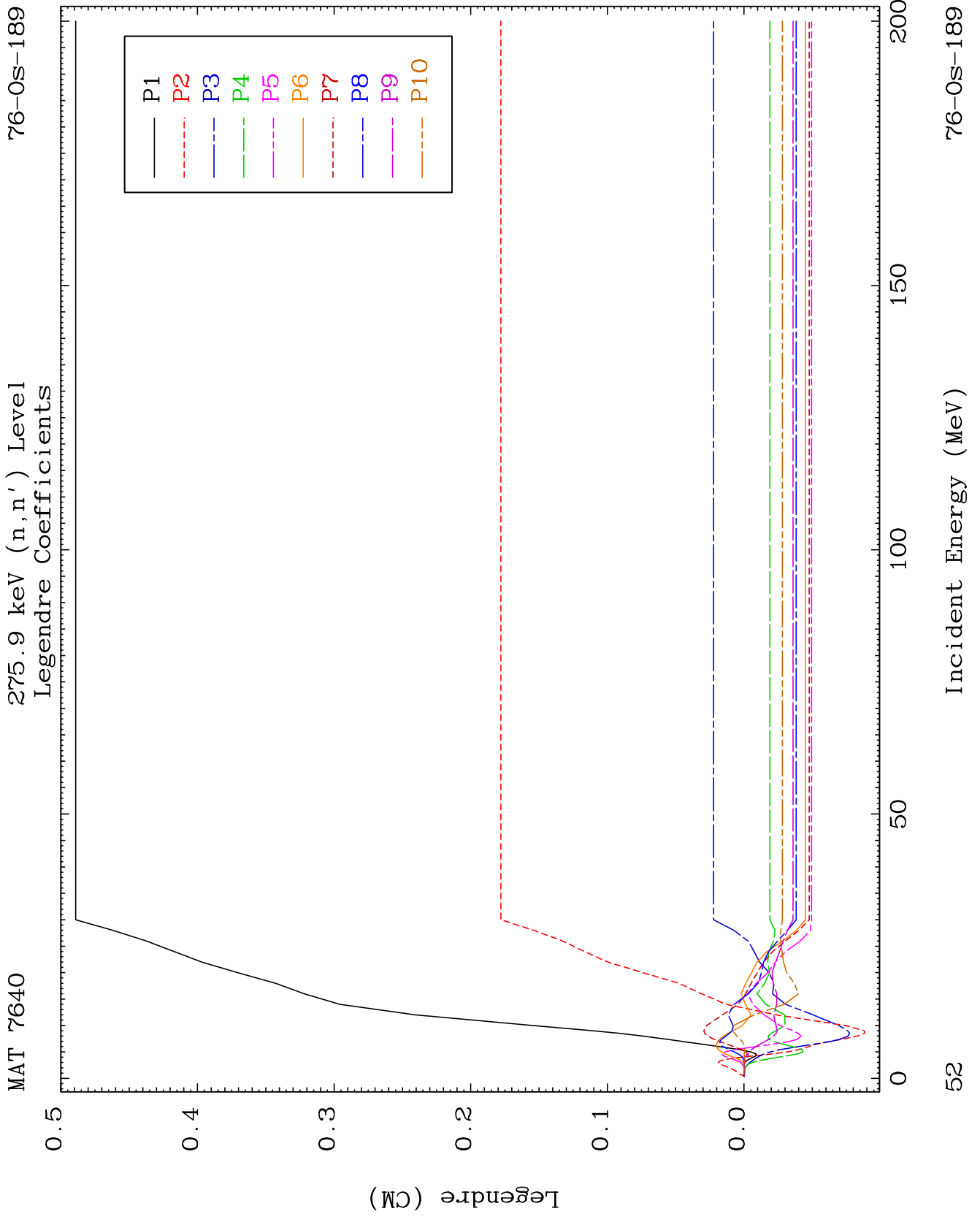


76-Os-189

Incident Energy (MeV)

50

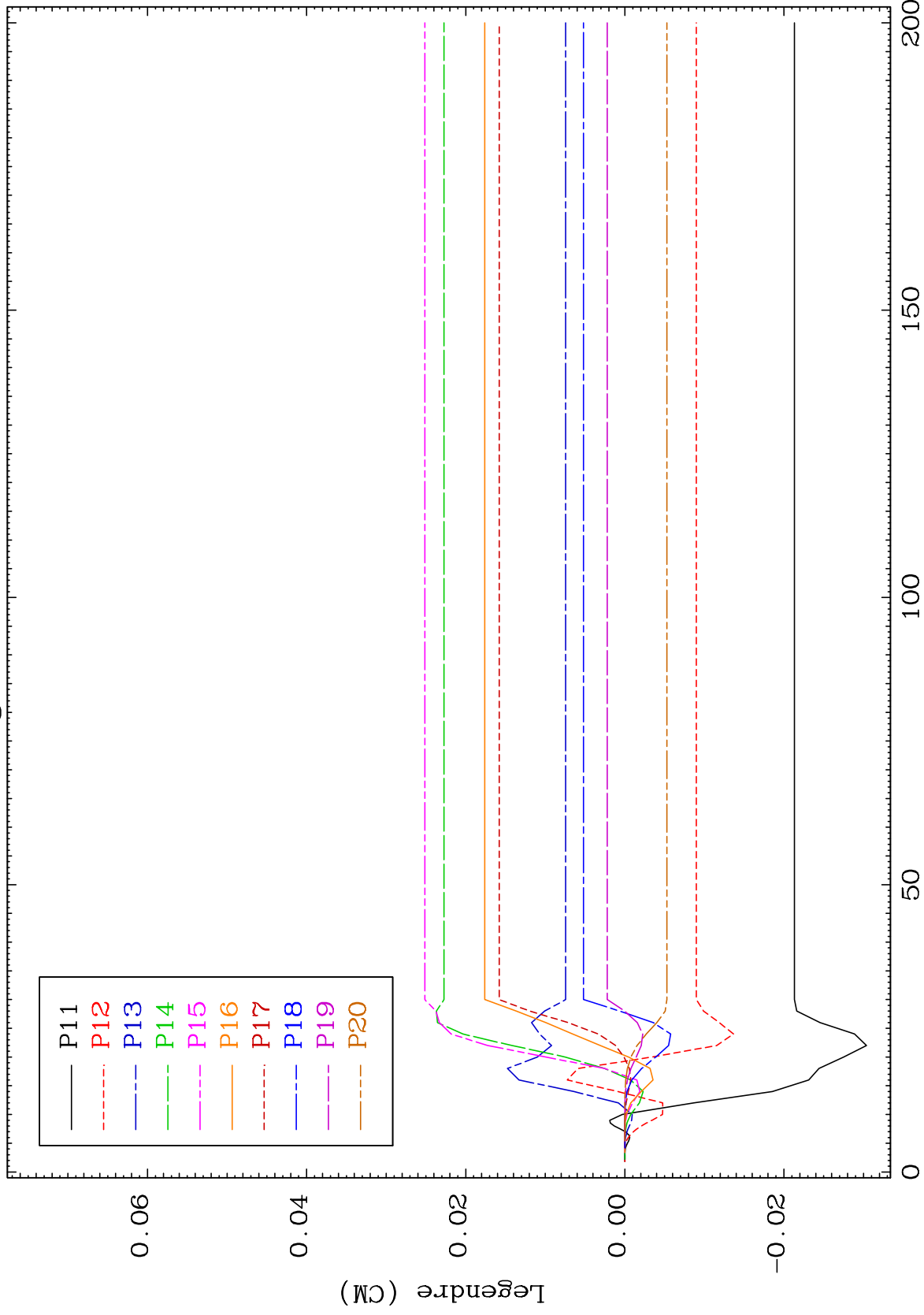




MAT 7640

275.9 keV (n,n') Level
Legendre Coefficients

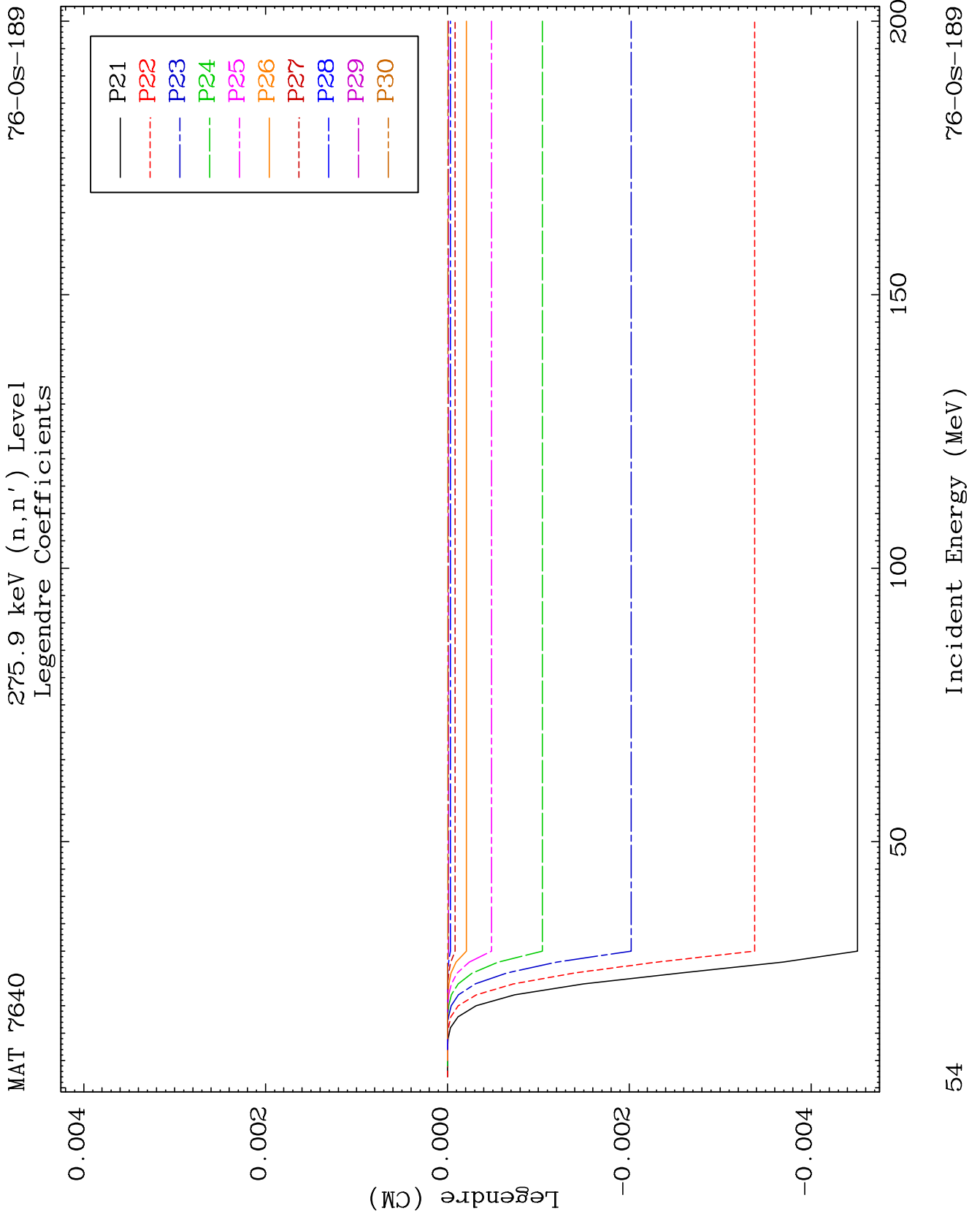
76-Os-189



53

Incident Energy (MeV)

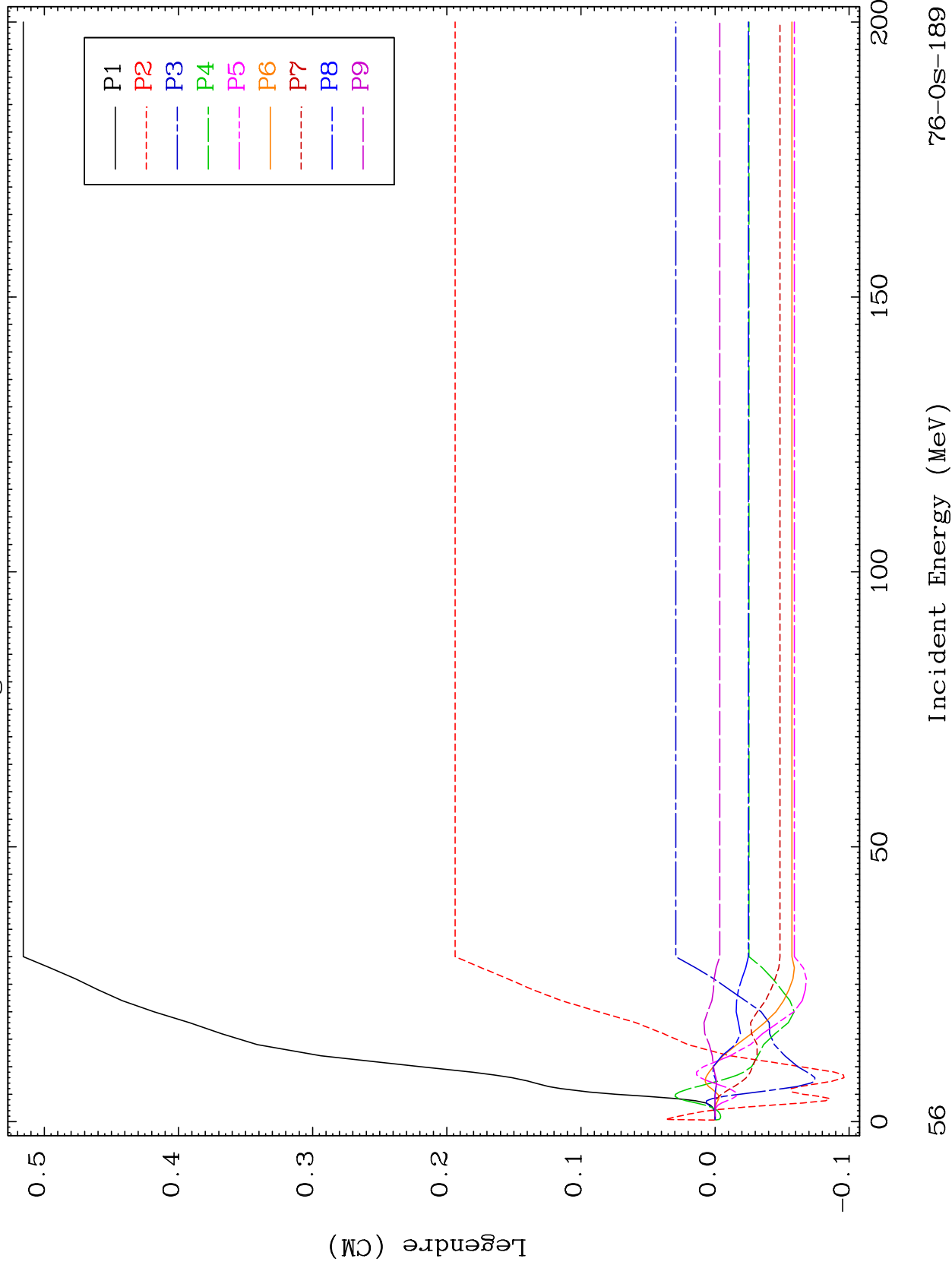
76-Os-189



MAT 7640

288.0 keV (n,n') Level
Legendre Coefficients

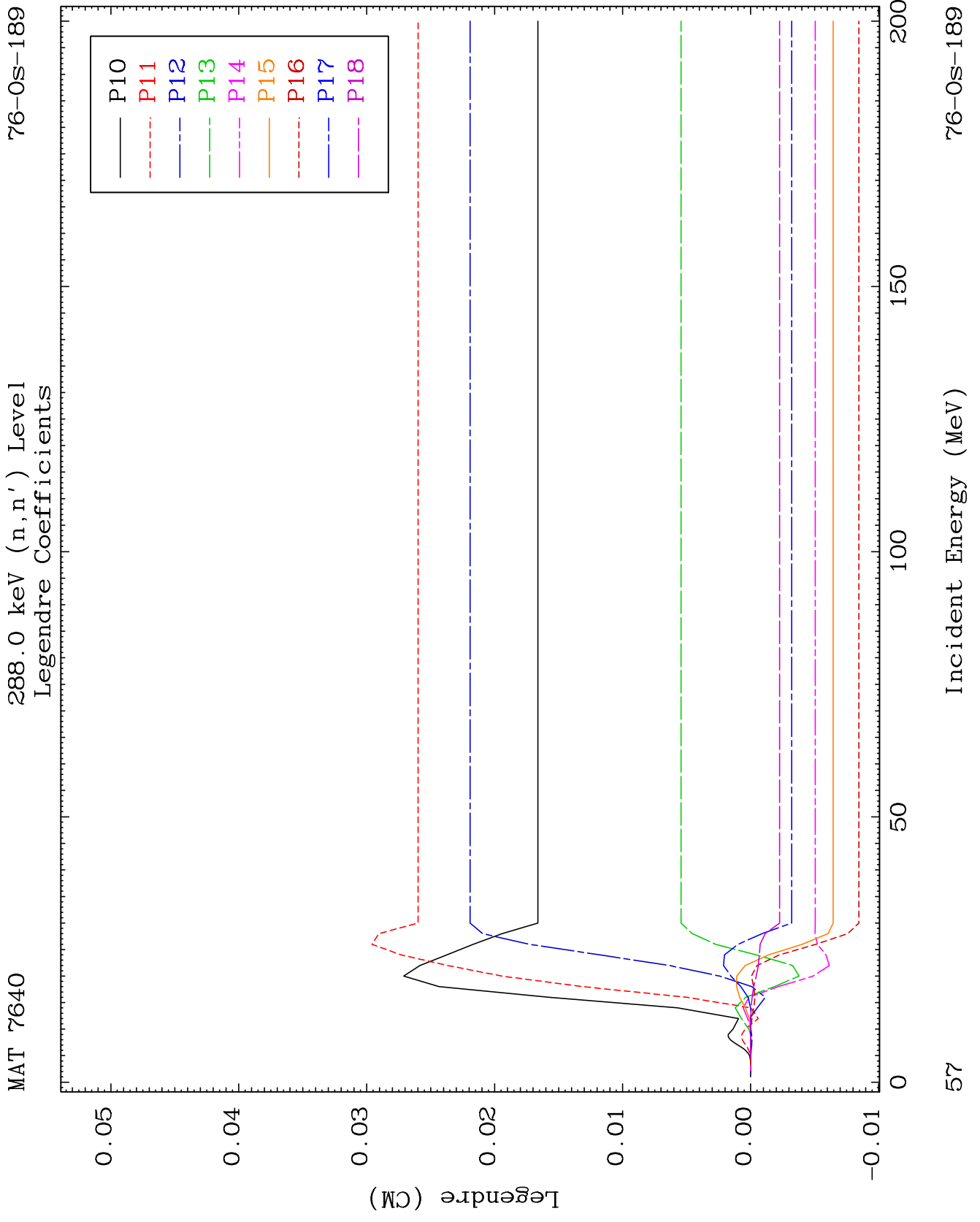
76-Os-189

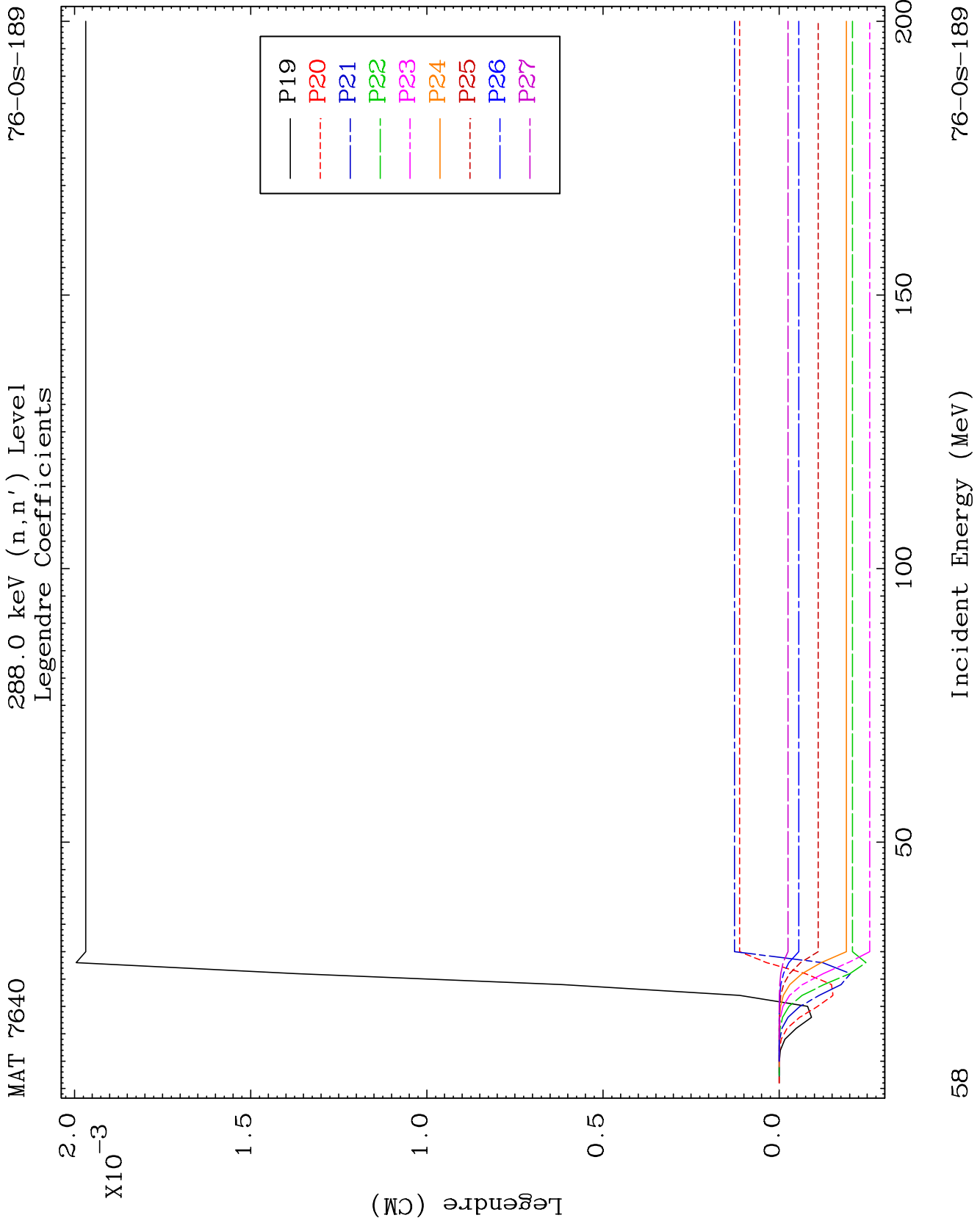


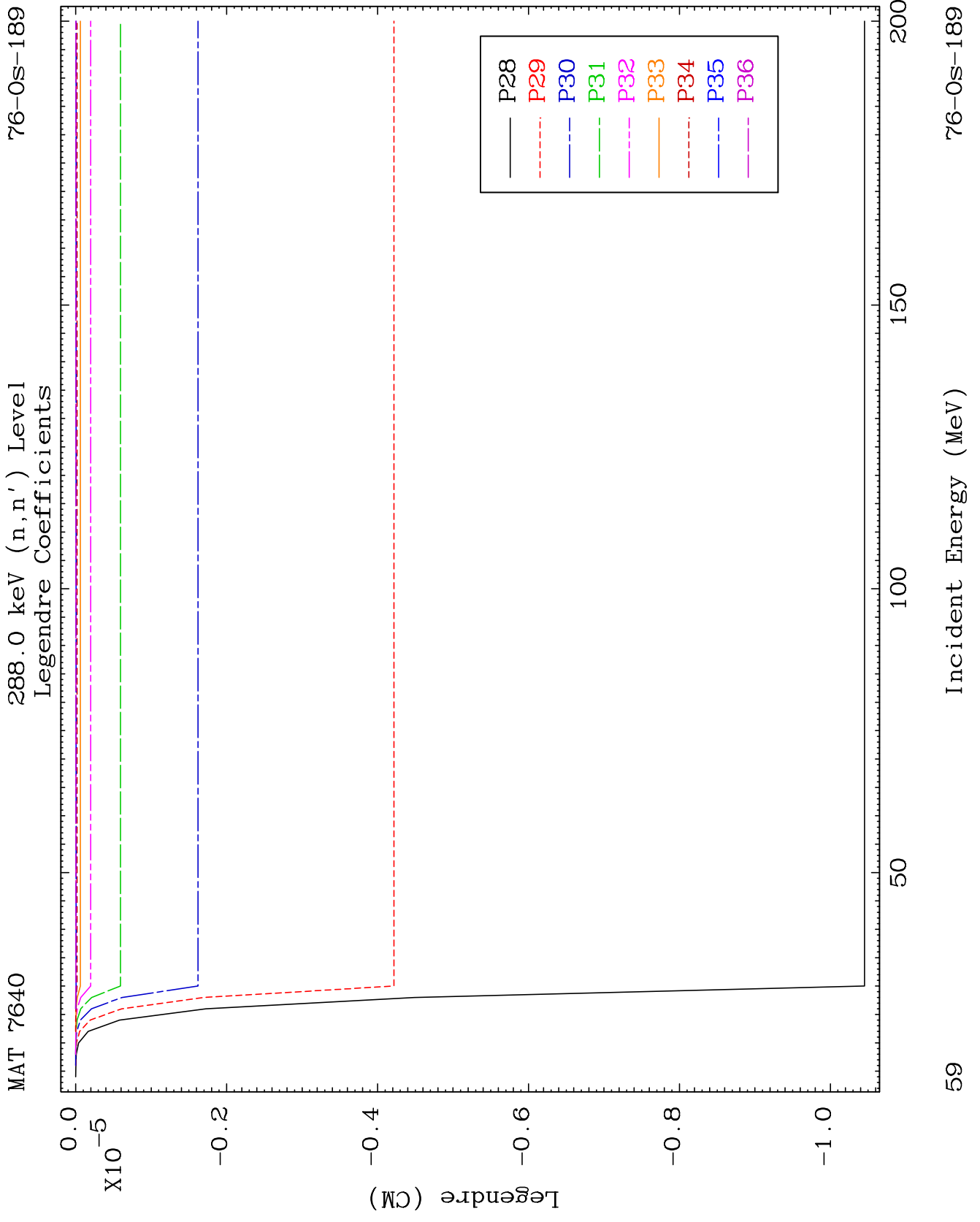
76-Os-189

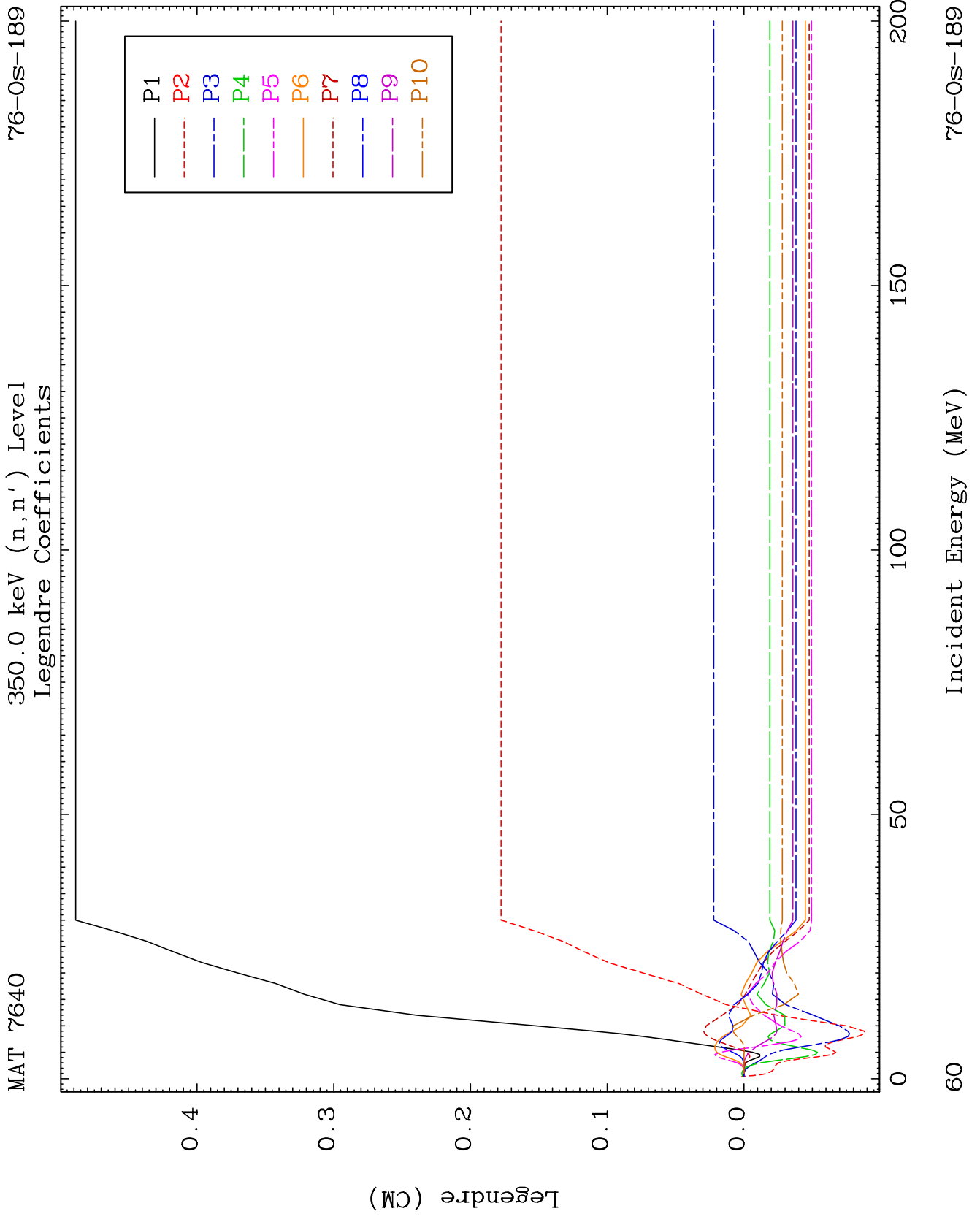
Incident Energy (MeV)

56





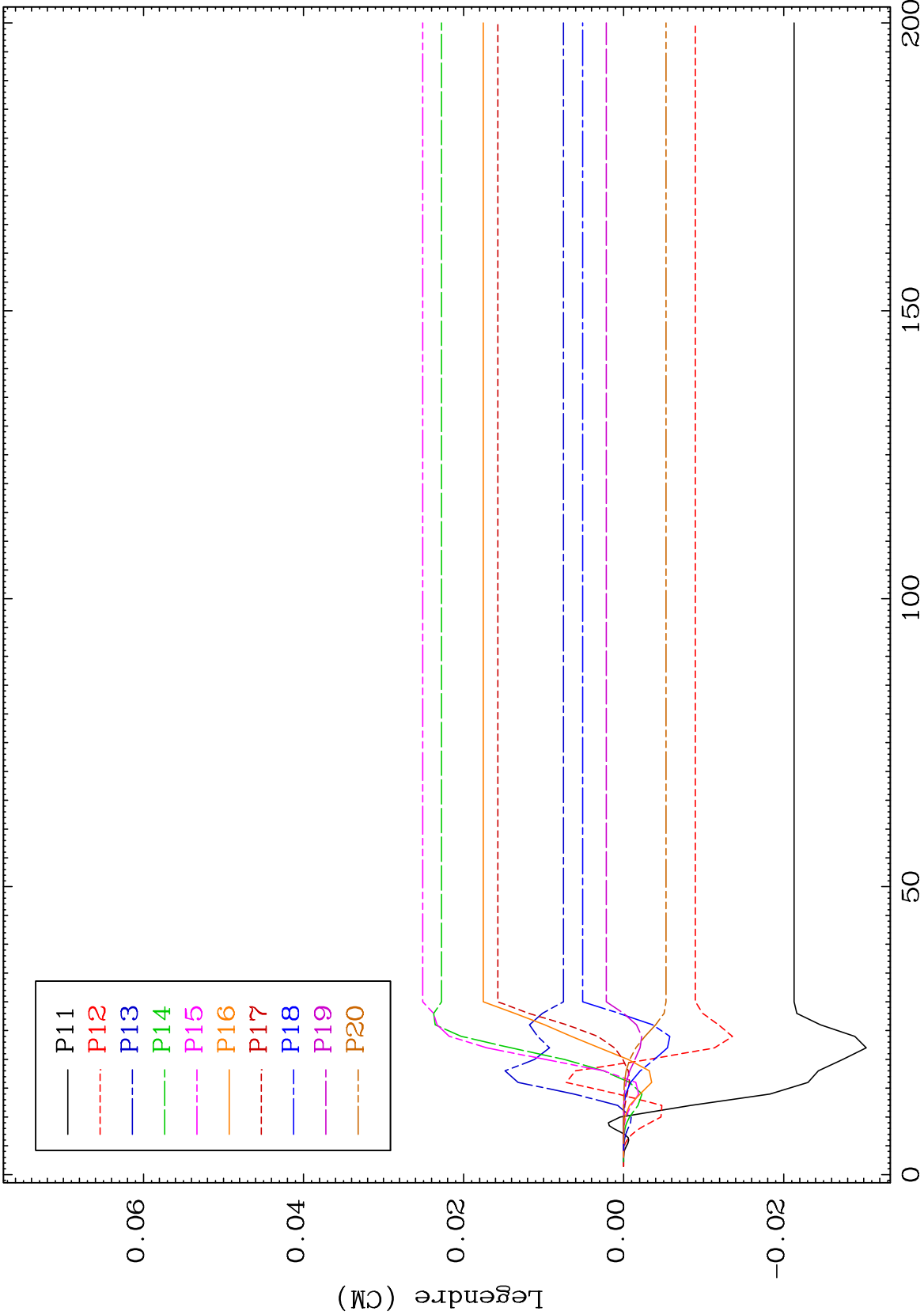




MAT 7640

350.0 keV (n,n') Level
Legendre Coefficients

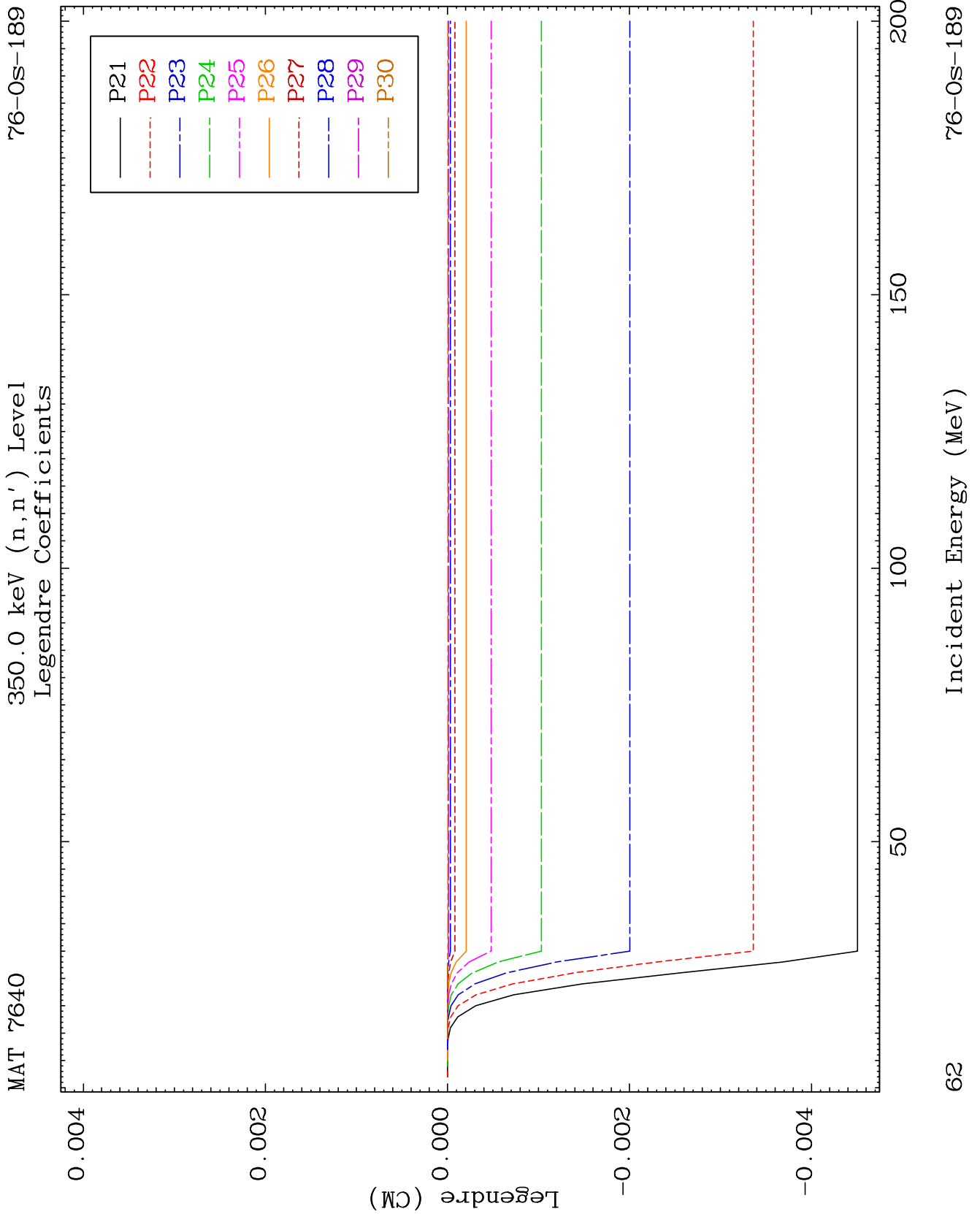
76-Os-189

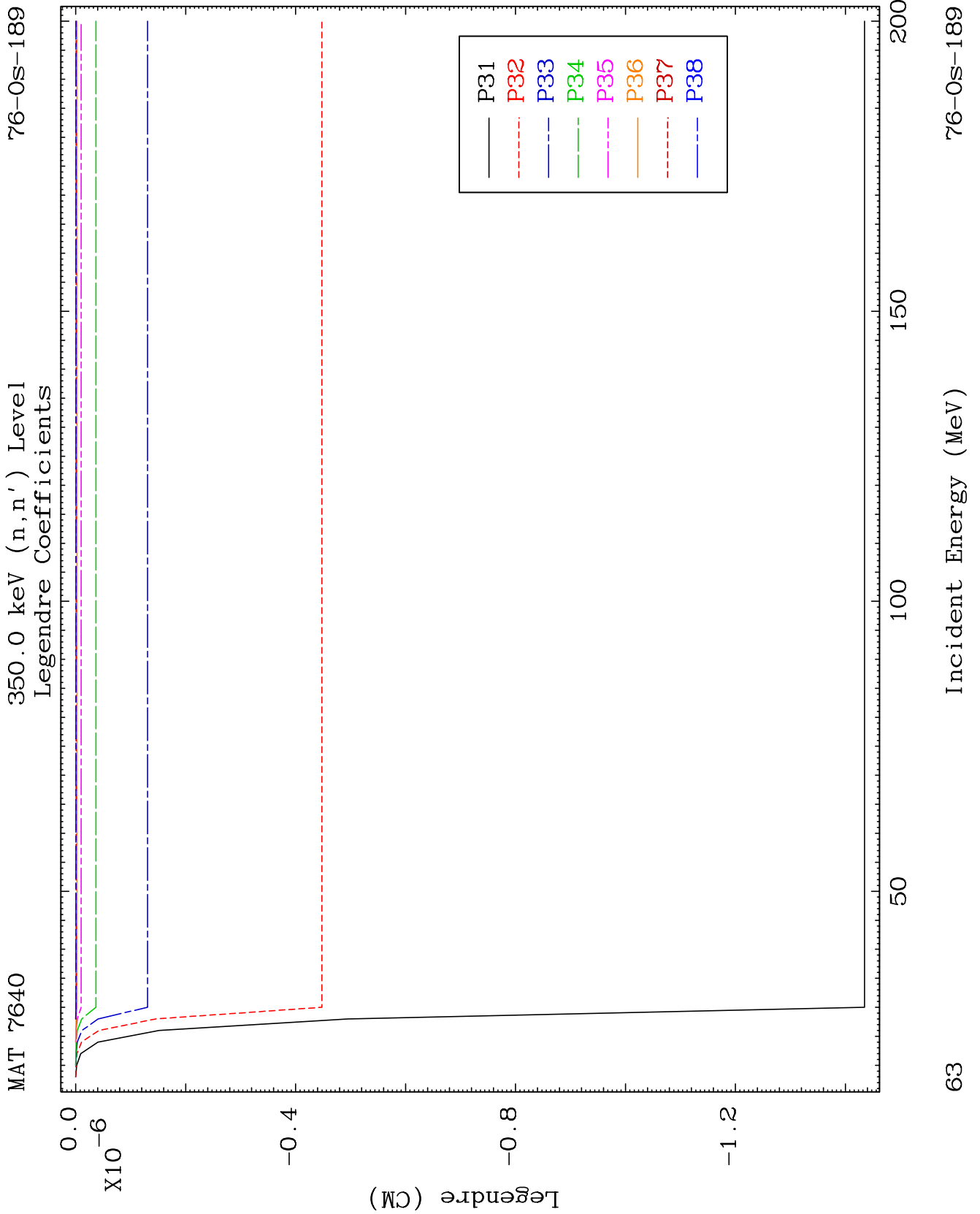


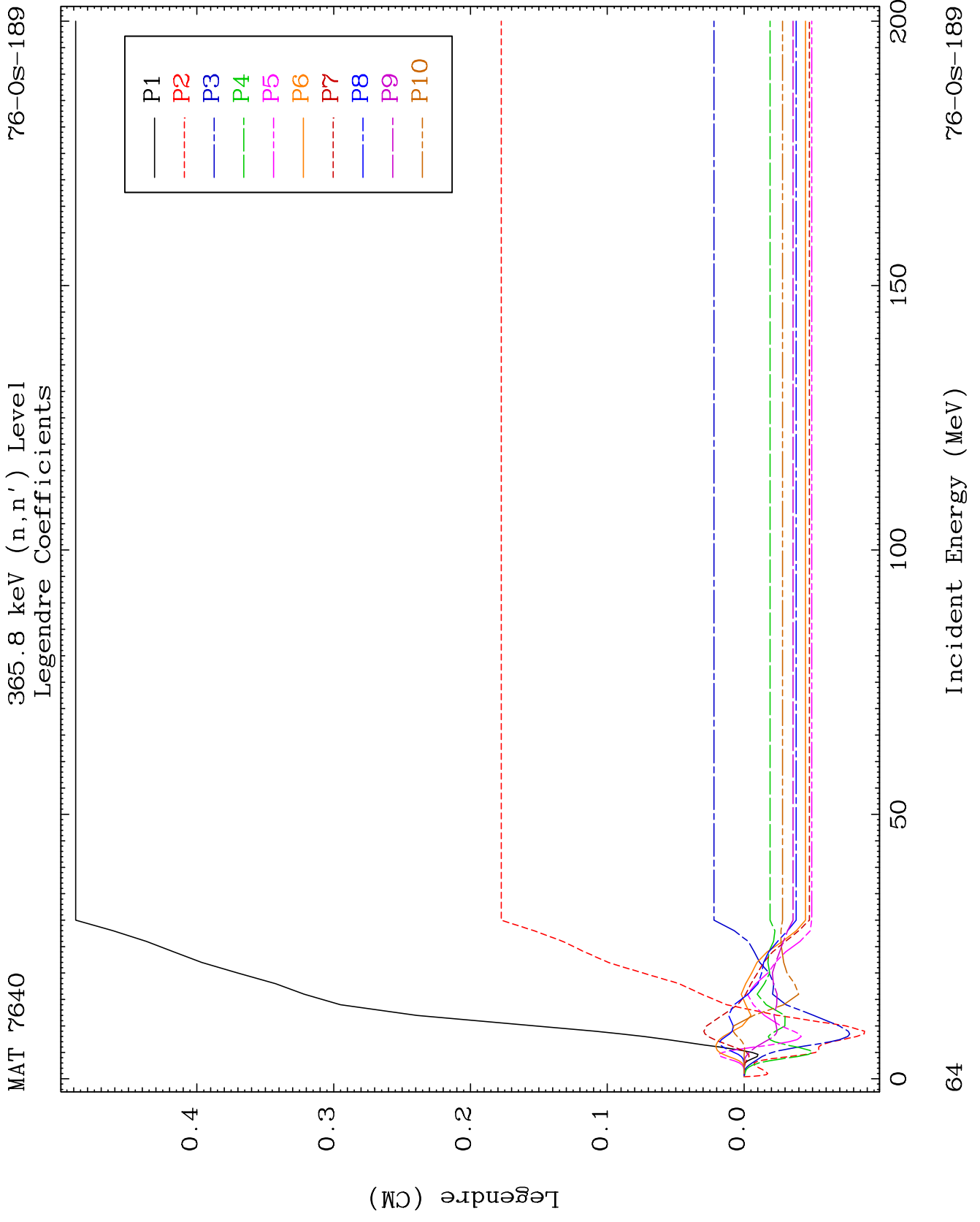
61

Incident Energy (MeV)

76-Os-189



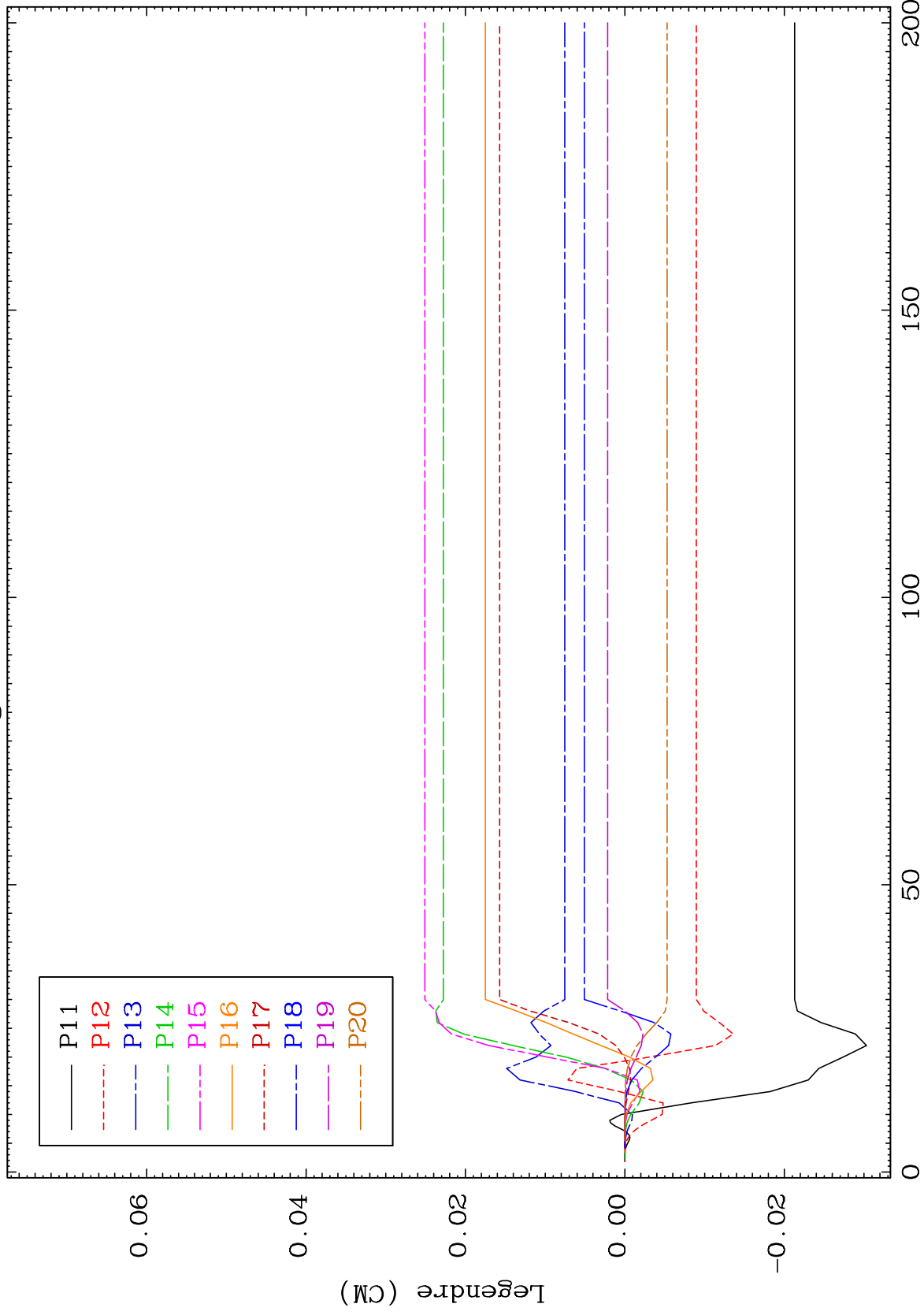




MAT 7640

365.8 keV (n,n') Level
Legendre Coefficients

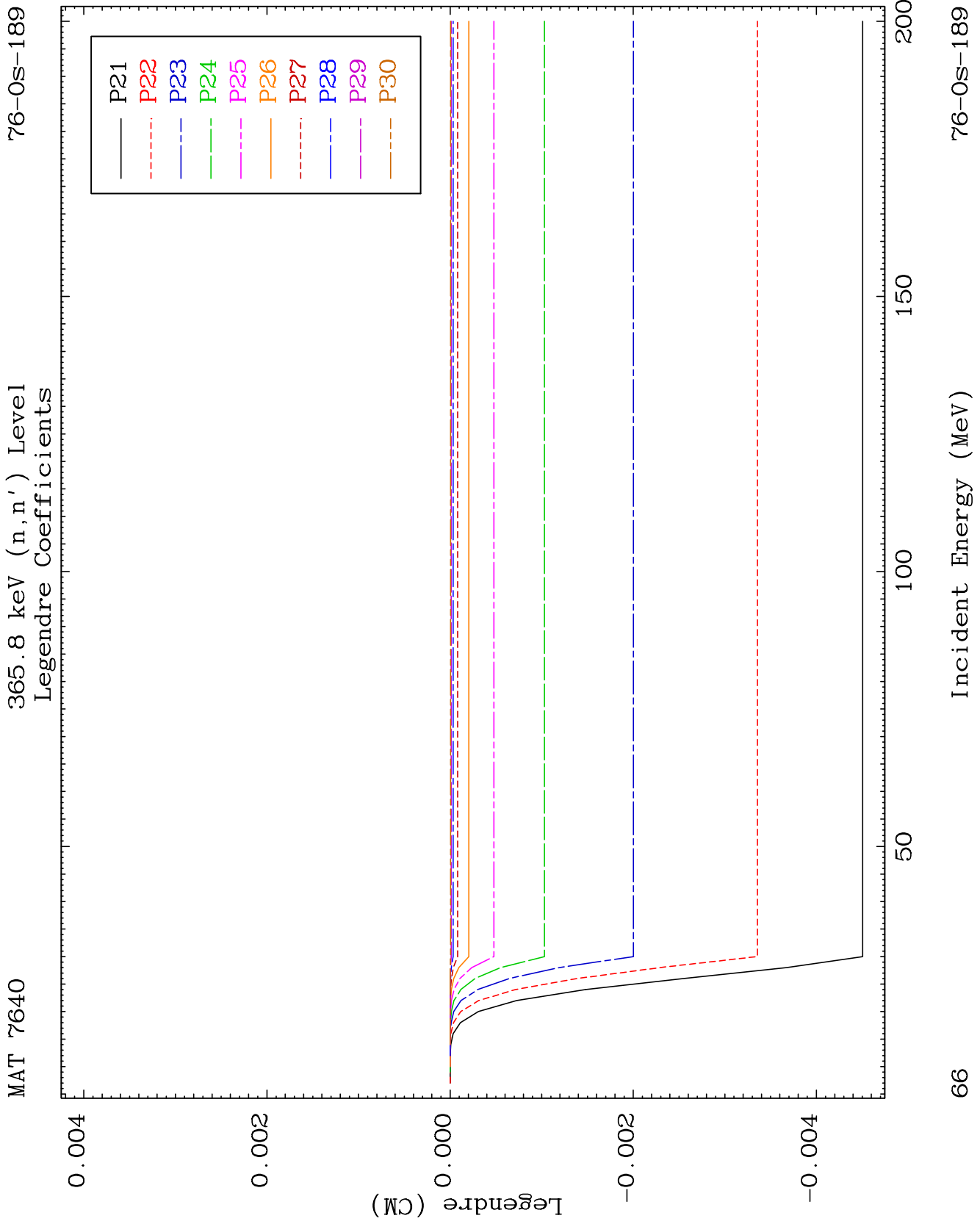
76-Os-189

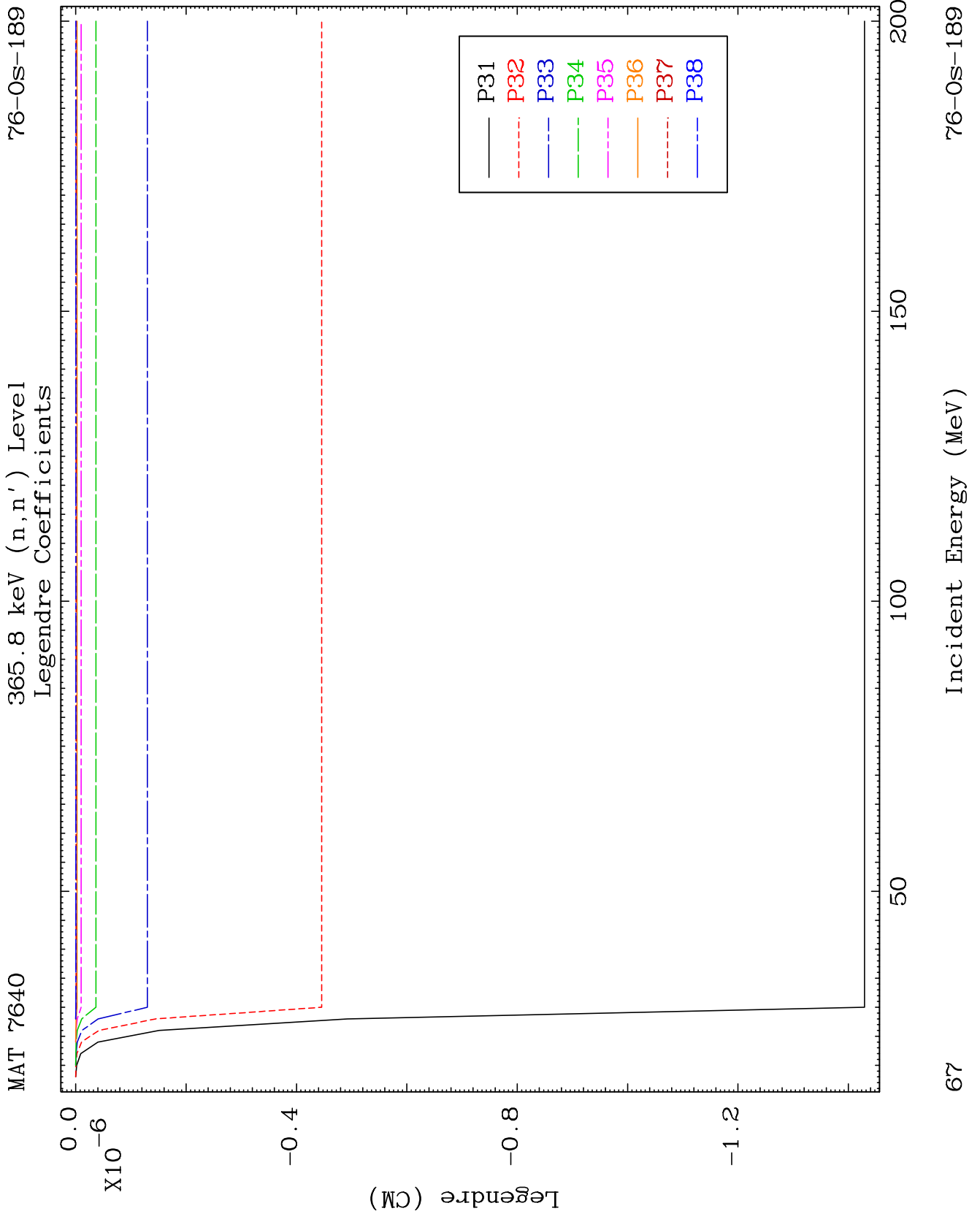


65

Incident Energy (MeV)

76-Os-189

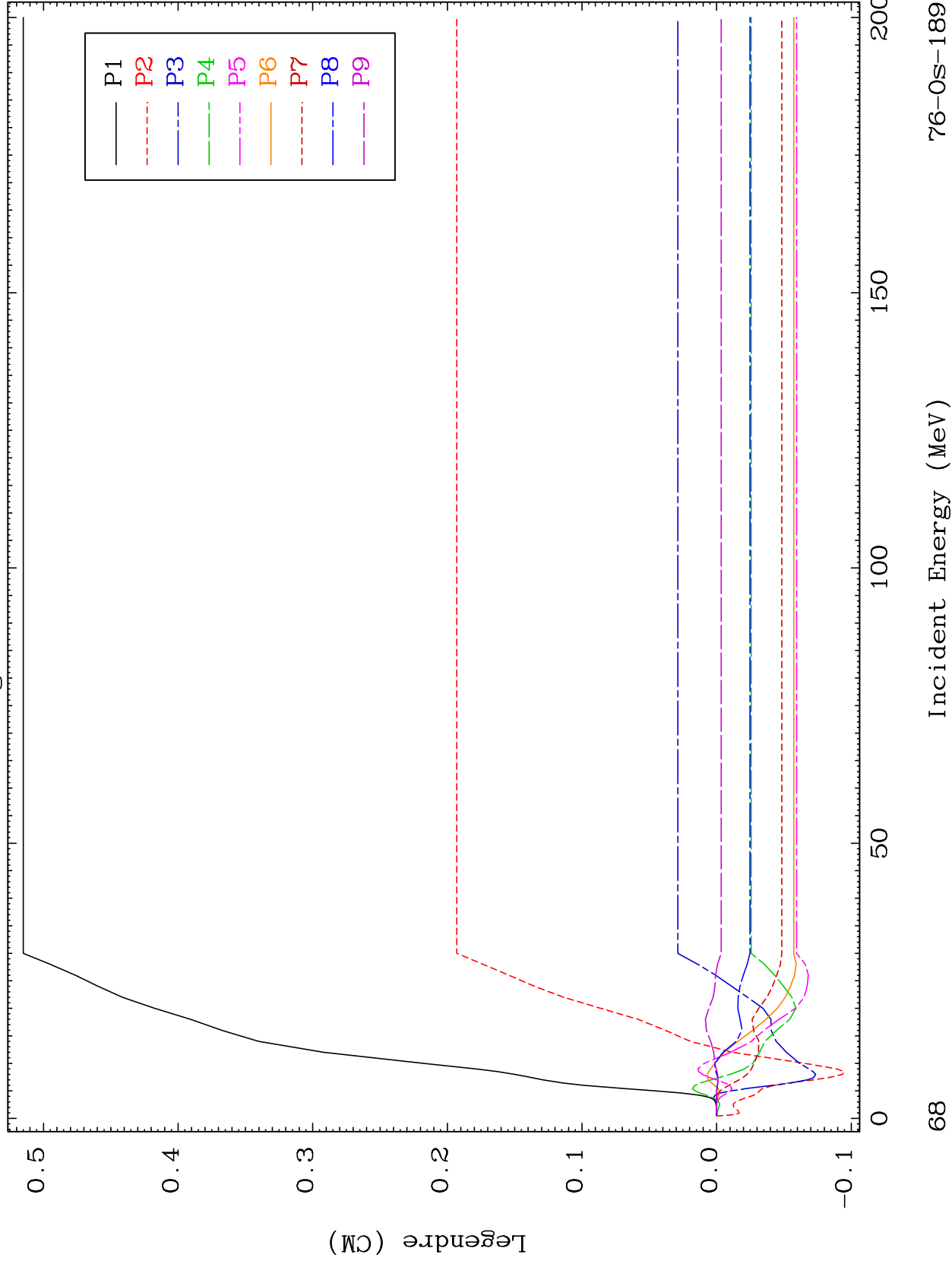




MAT 7640

427.9 keV (n,n') Level
Legendre Coefficients

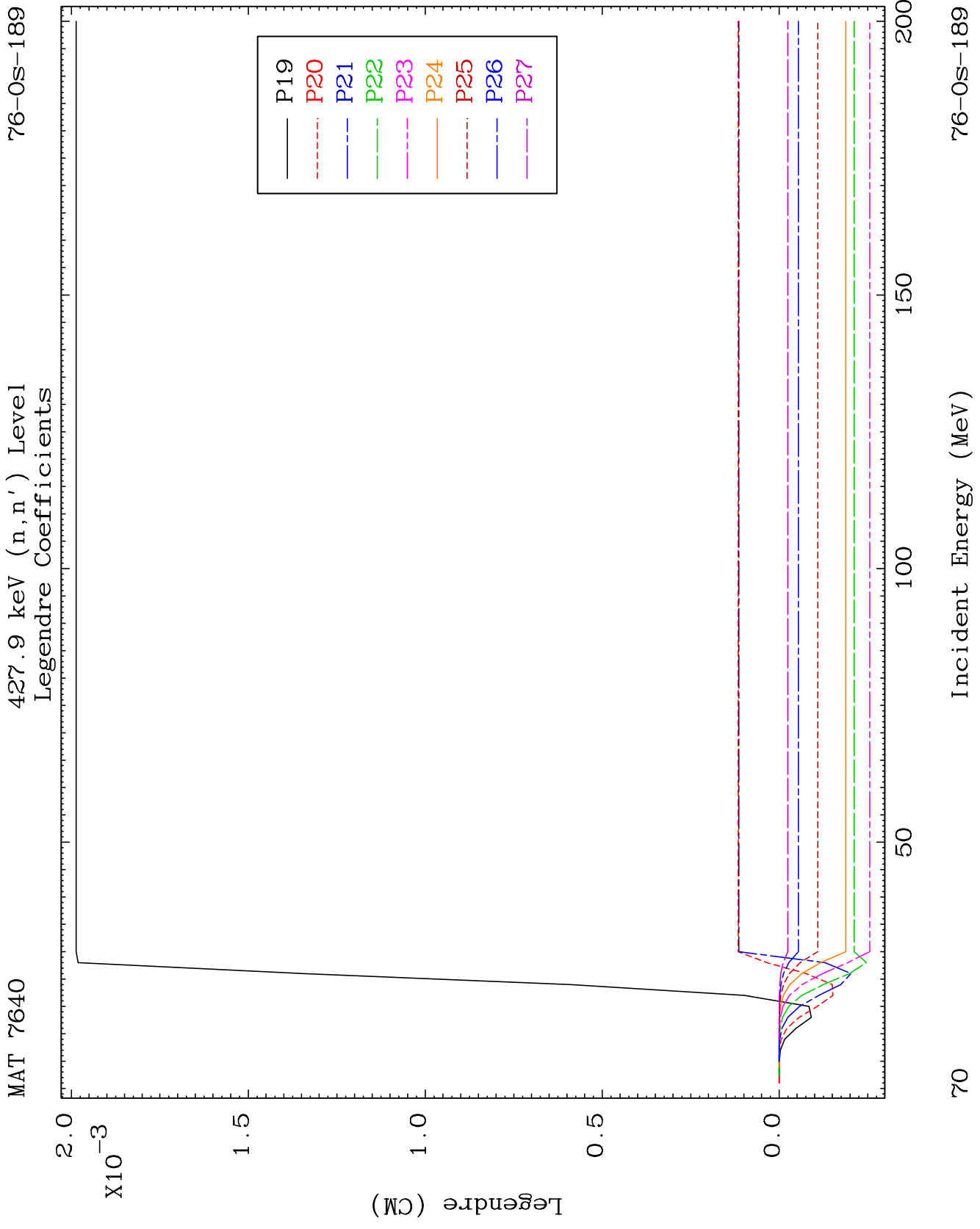
76-Os-189

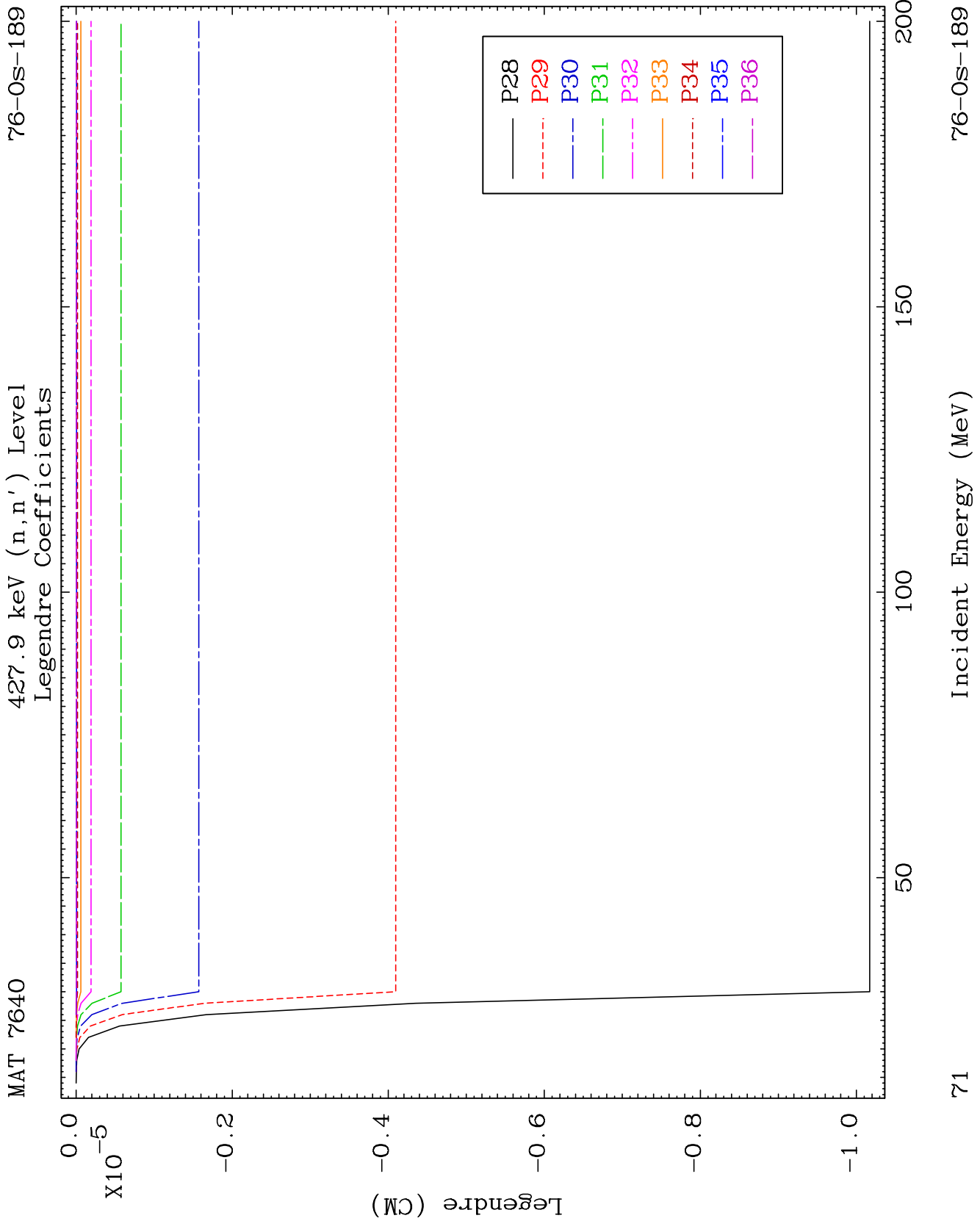


76-Os-189

Incident Energy (MeV)

68

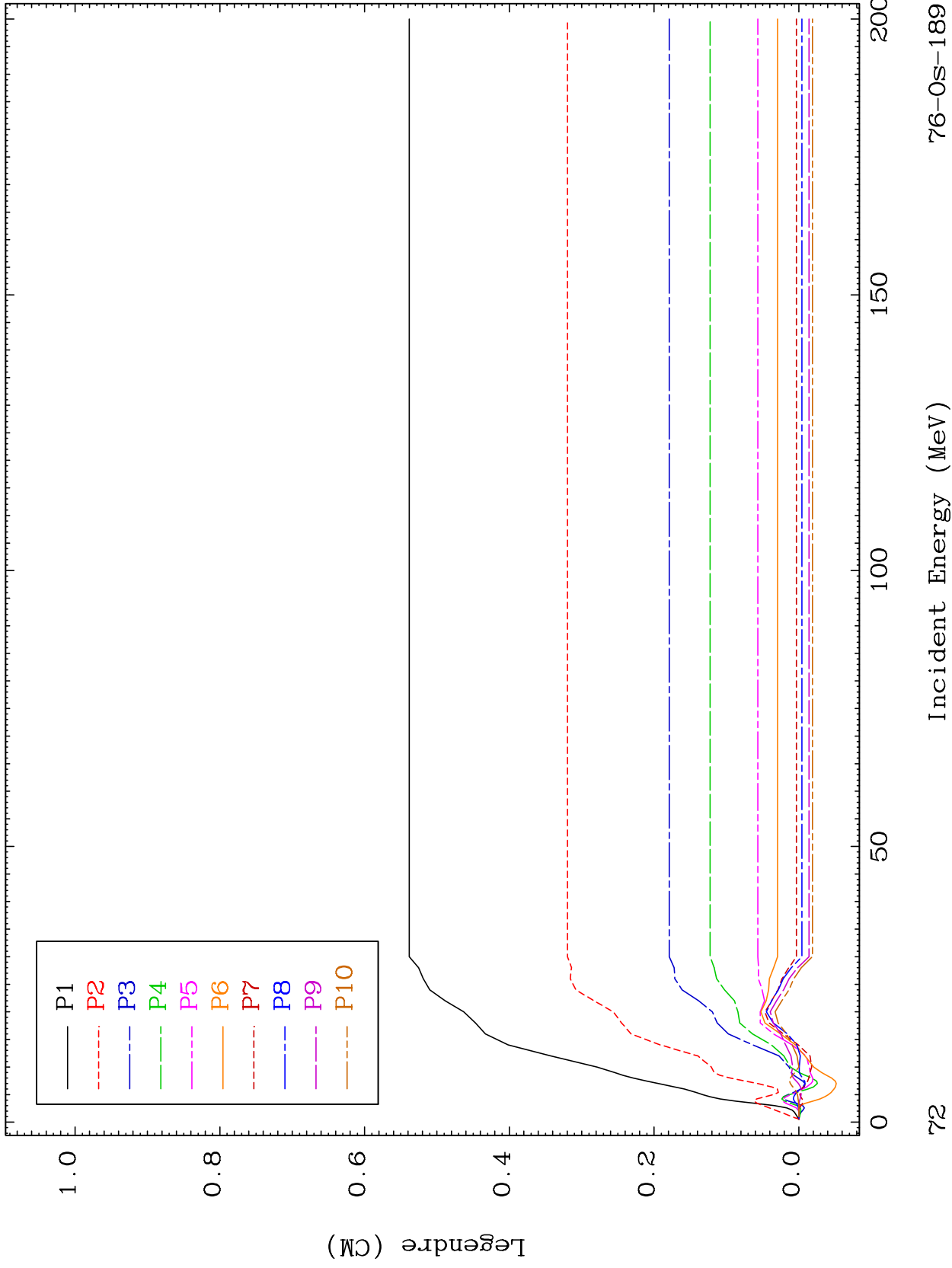




MAT 7640

438.7 keV (n,n') Level
Legendre Coefficients

76-0s-189



76-0s-189

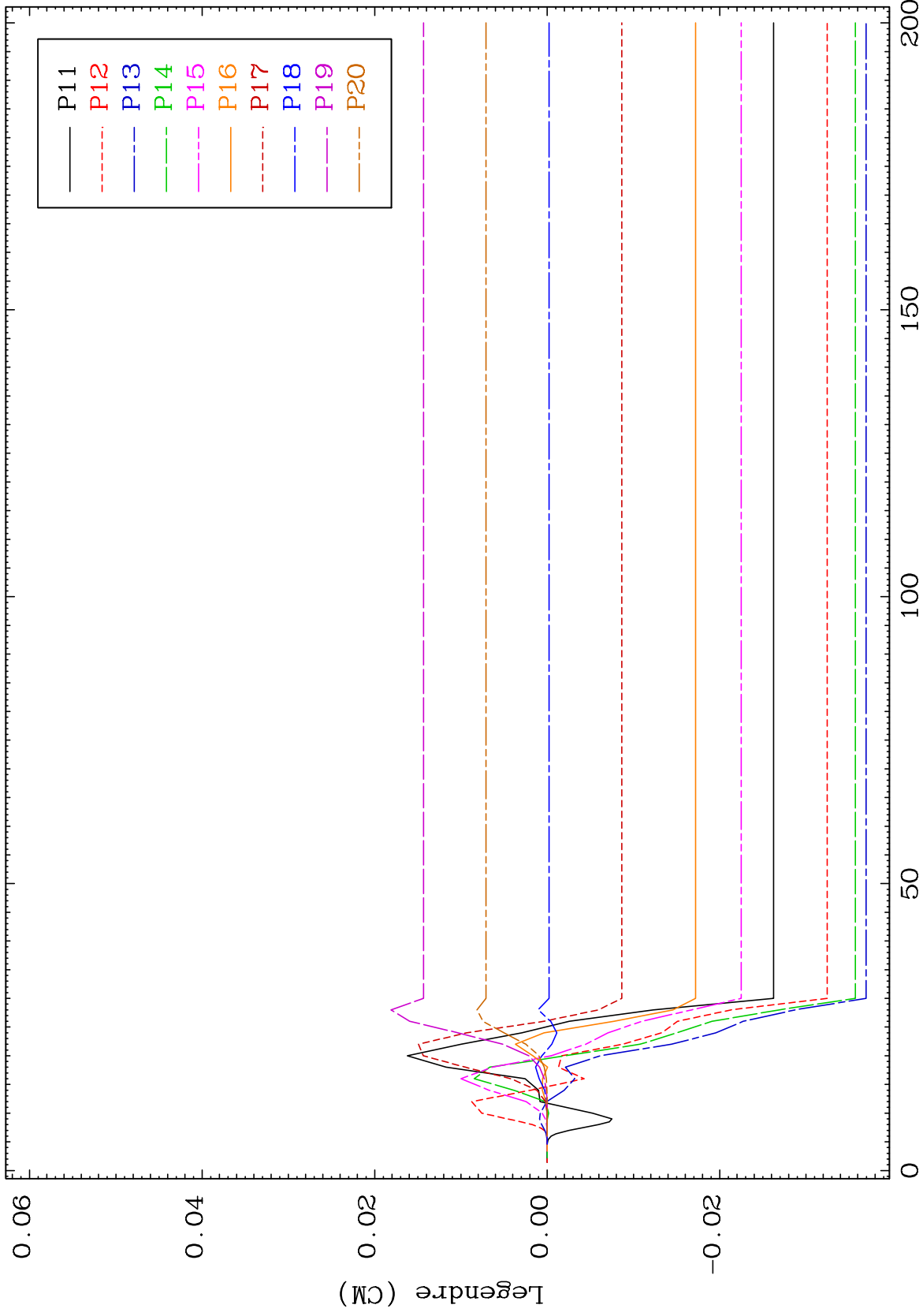
Incident Energy (MeV)

72

MAT 7640

438.7 keV (n,n') Level
Legendre Coefficients

76-Os-189



73

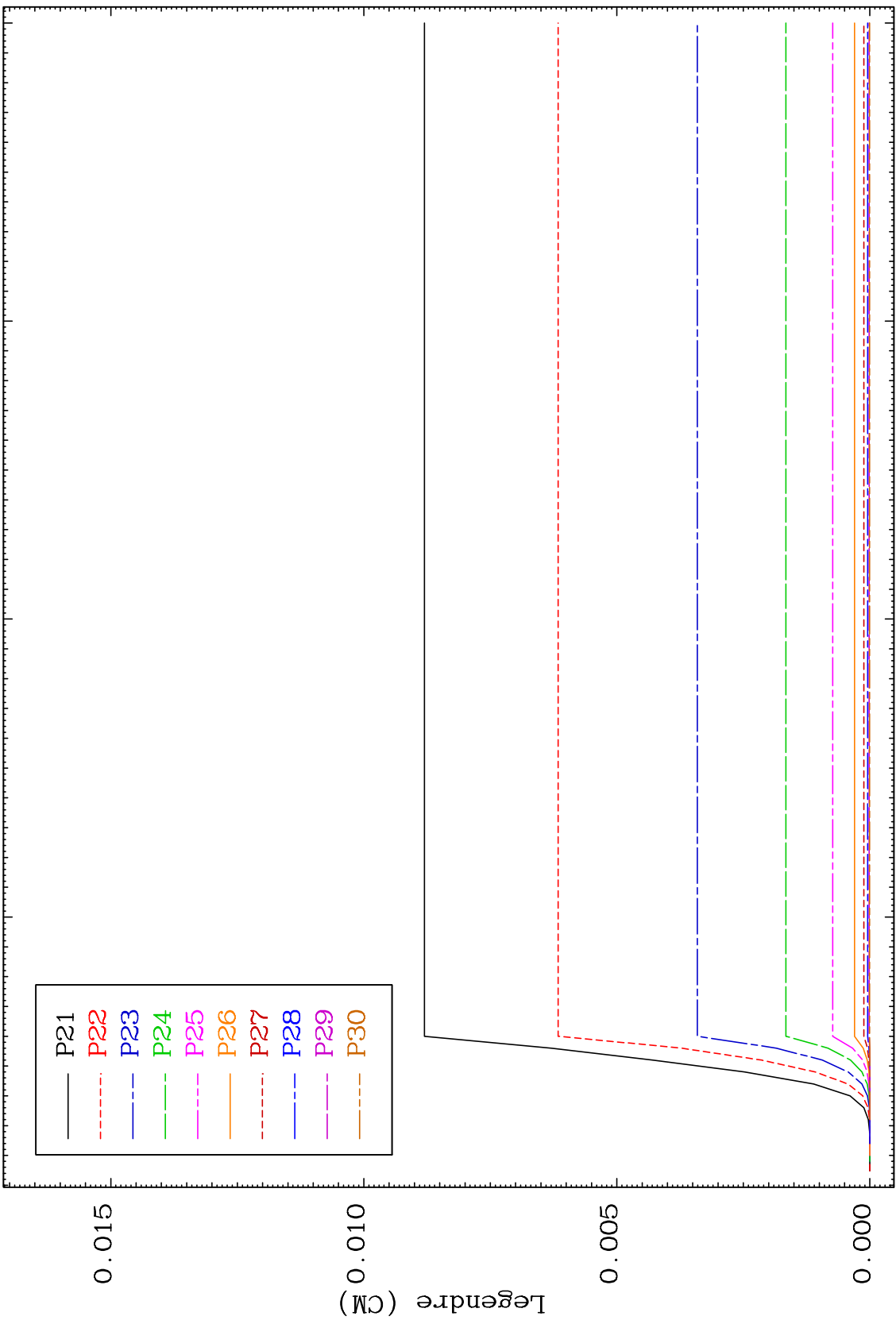
Incident Energy (MeV)

76-Os-189

MAT 7640

438.7 keV (n,n') Level
Legendre Coefficients

76-Os-189



74

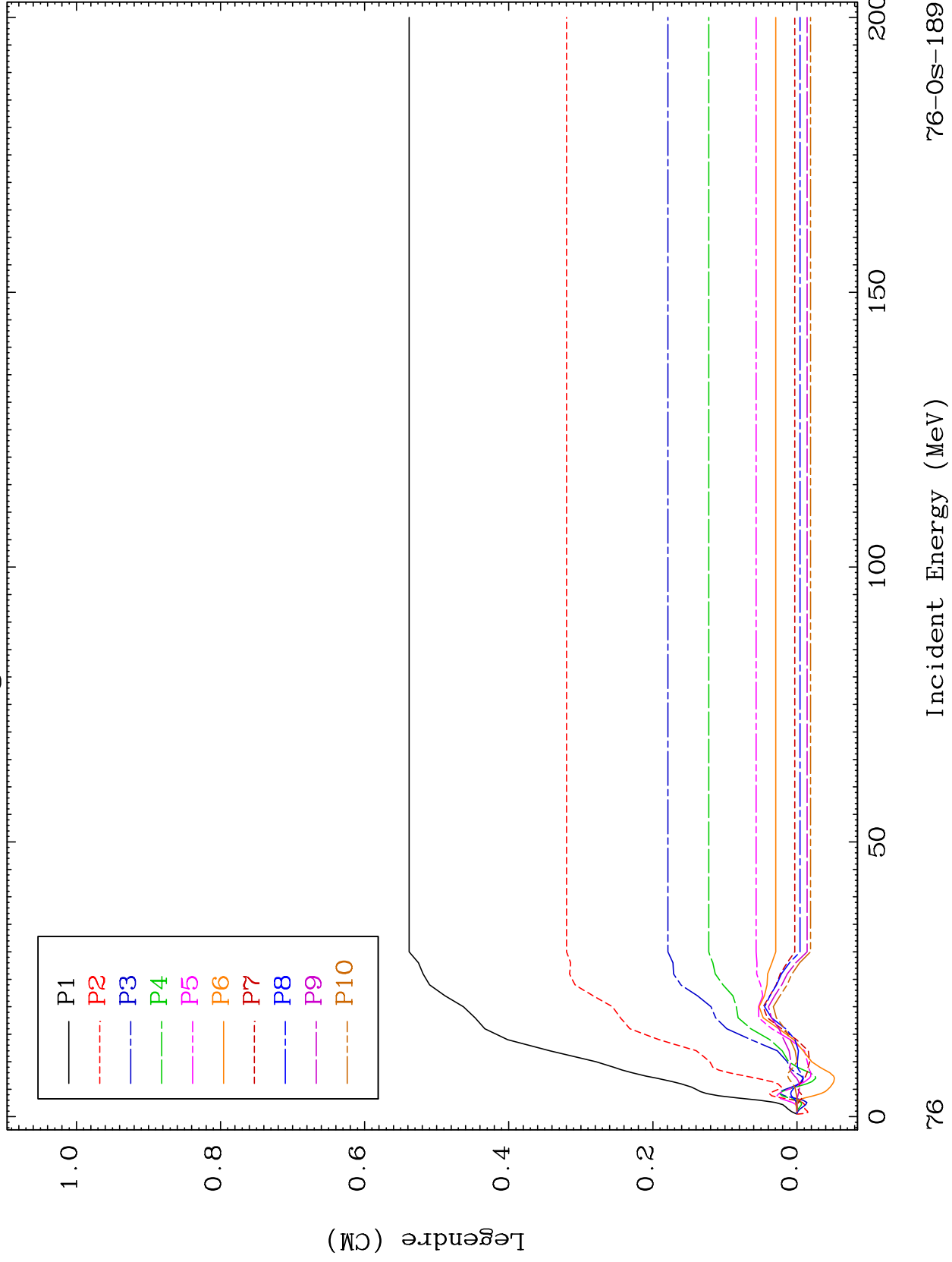
Incident Energy (MeV)

76-Os-189

MAT 7640

444.2 keV (n,n') Level
Legendre Coefficients

76-Os-189

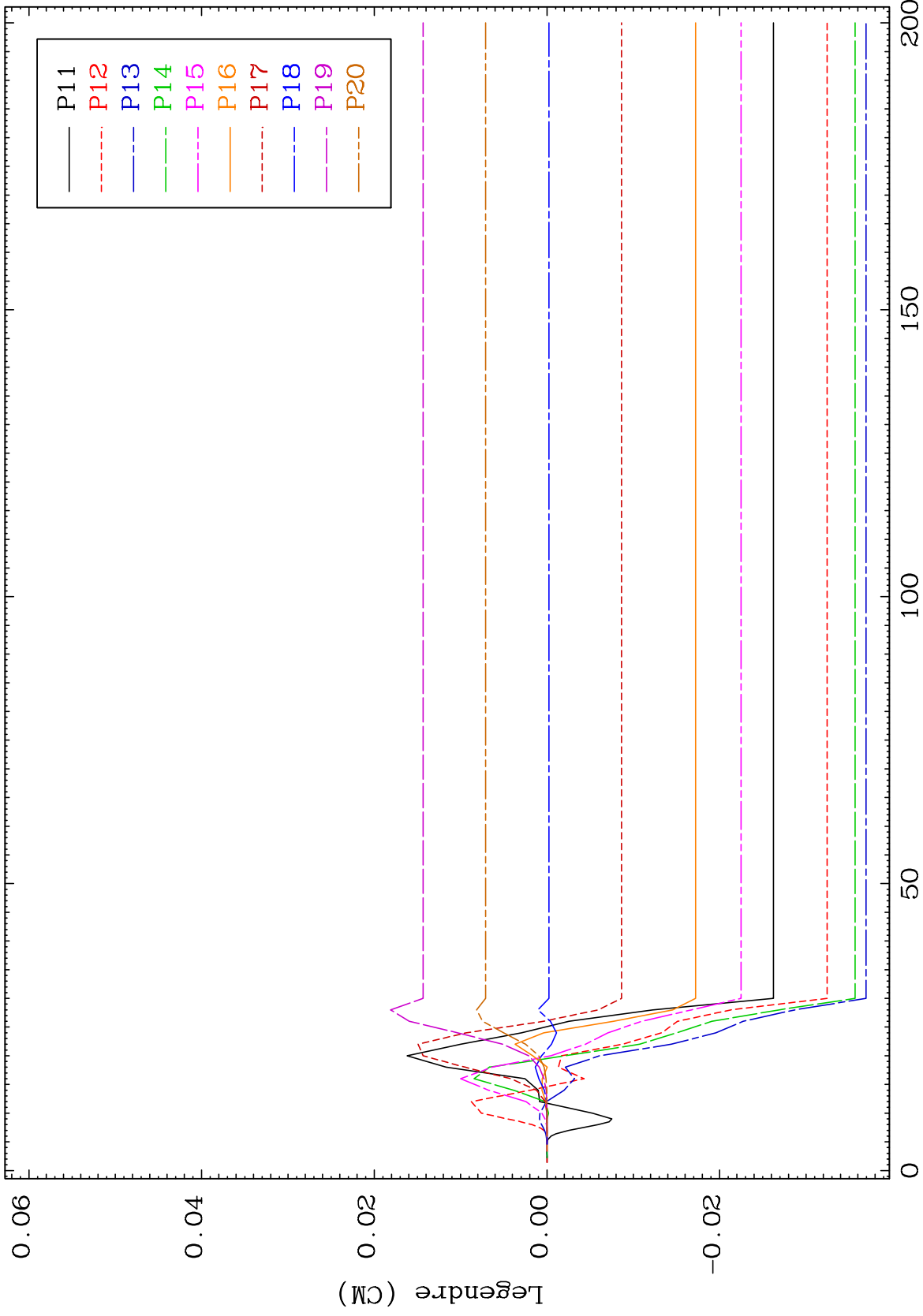


76

MAT 7640

444.2 keV (n,n') Level
Legendre Coefficients

76-Os-189



77

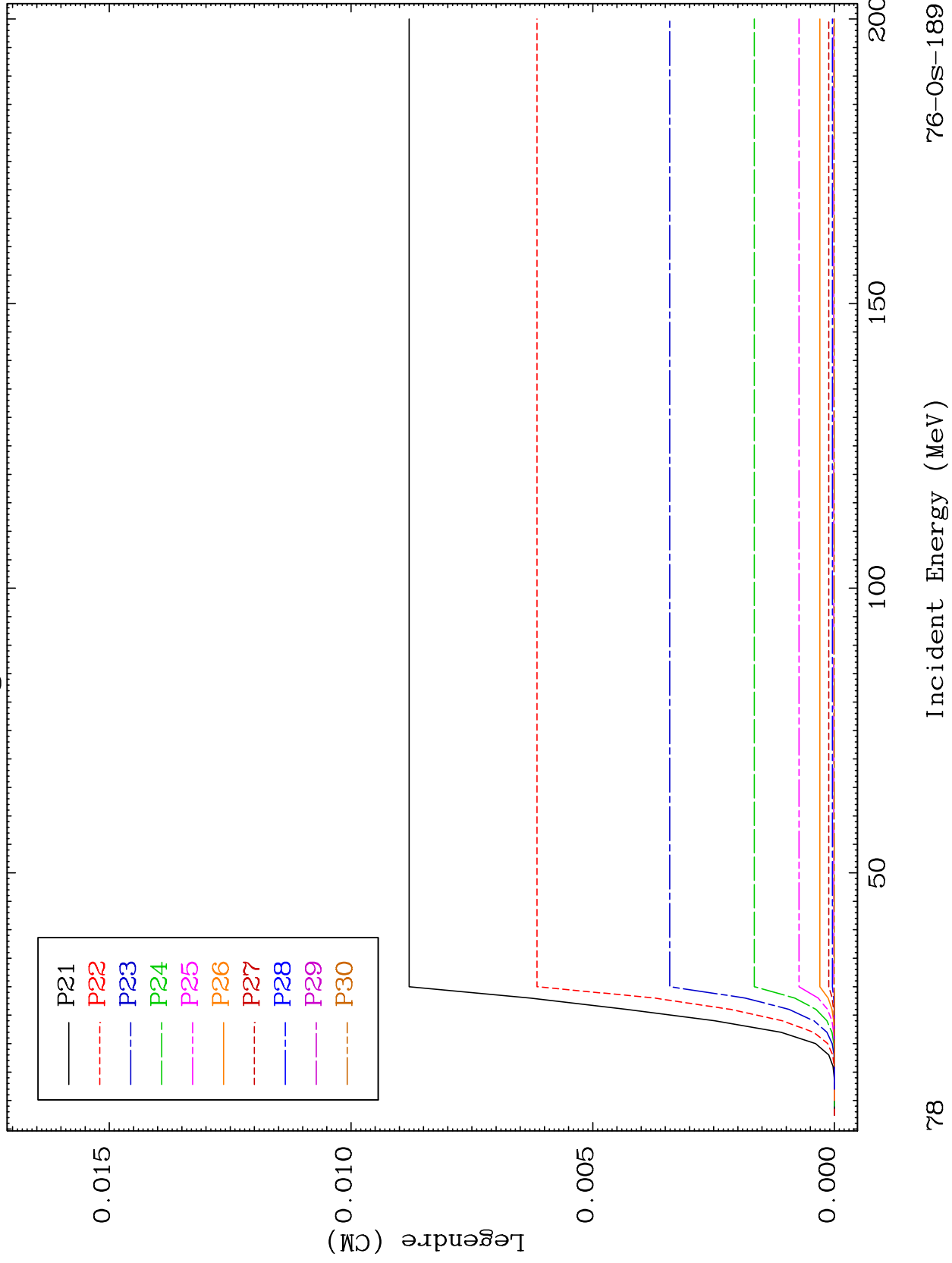
Incident Energy (MeV)

76-Os-189

MAT 7640

444.2 keV (n,n') Level
Legendre Coefficients

76-Os-189



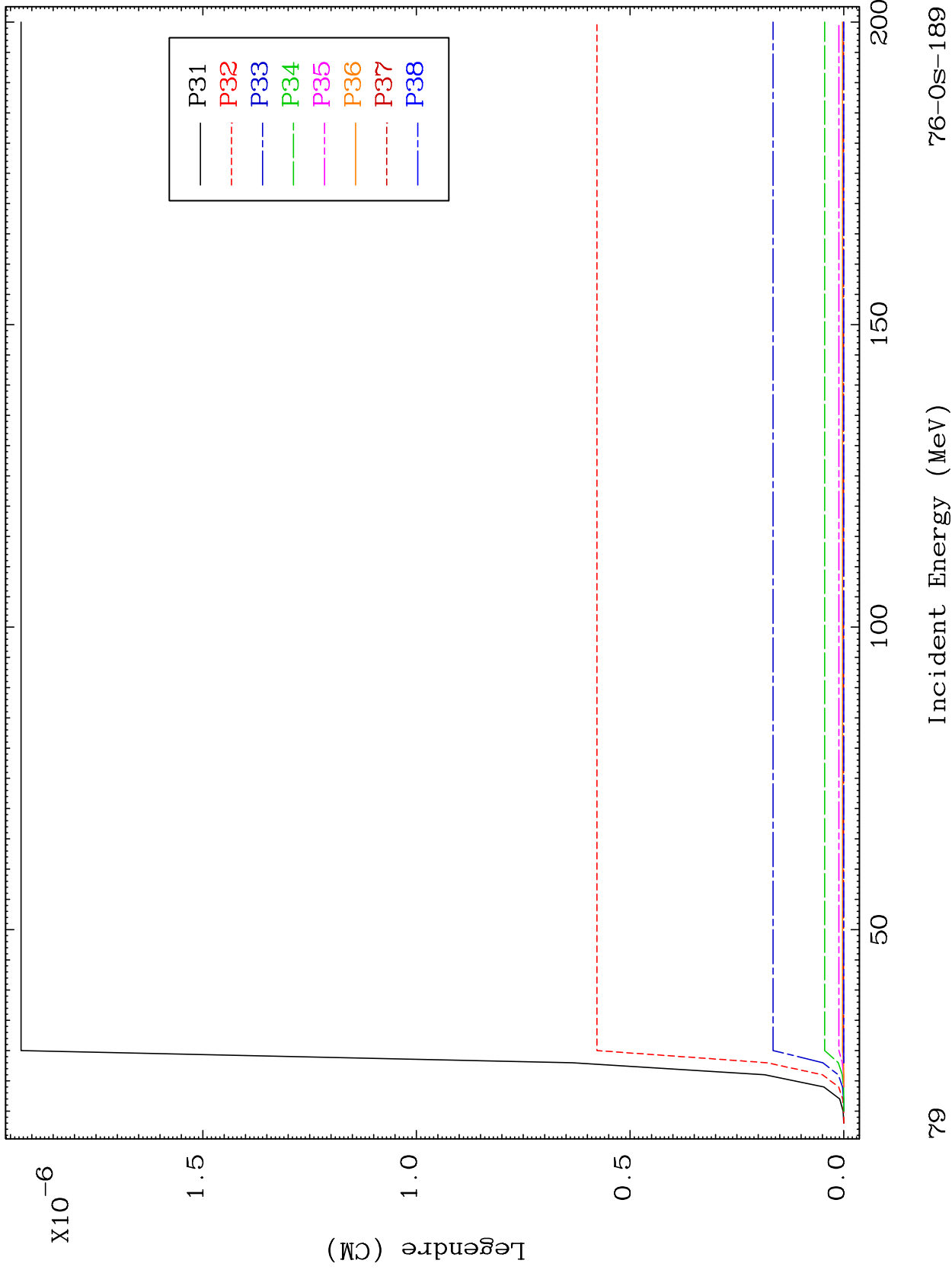
78

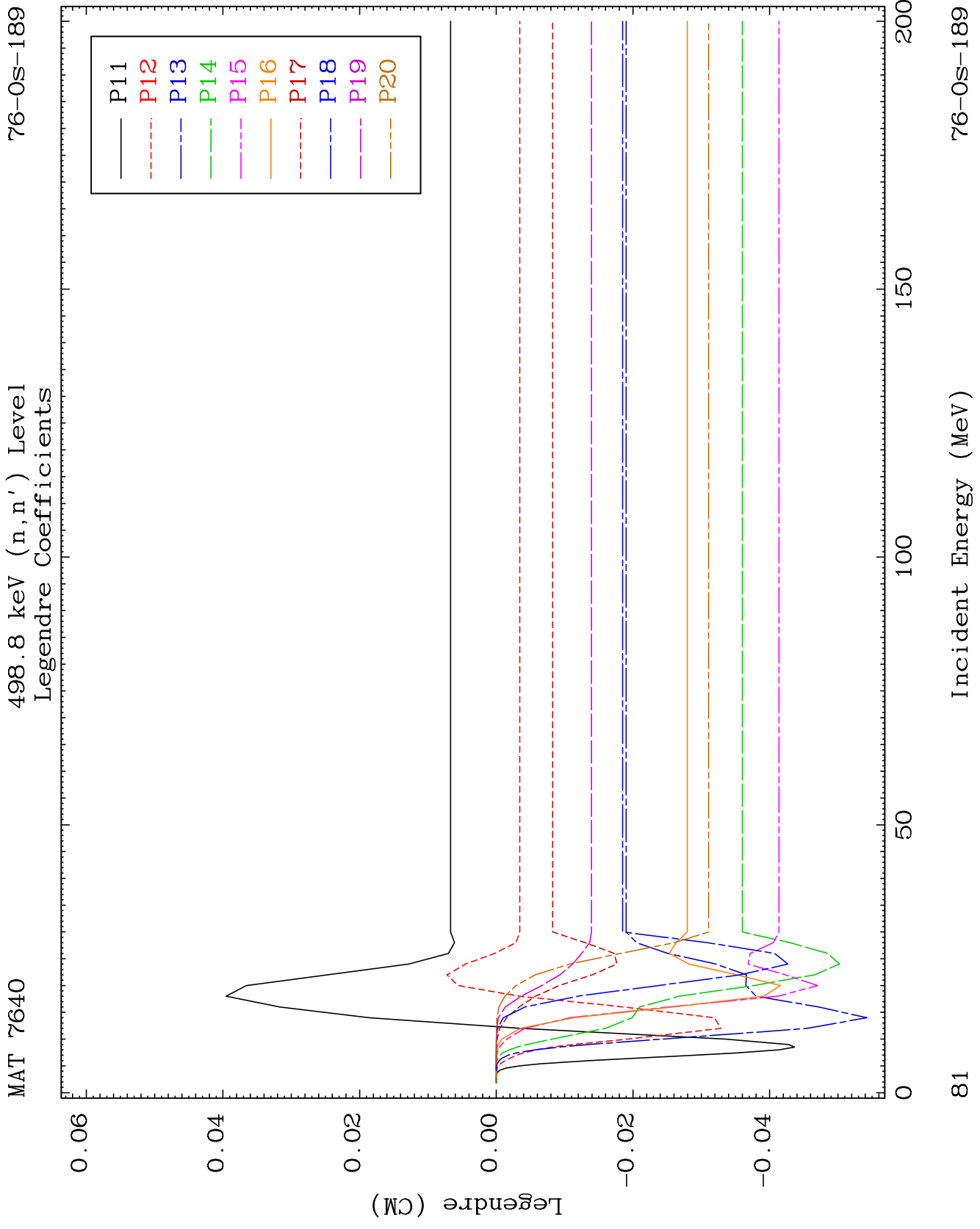
76-Os-189

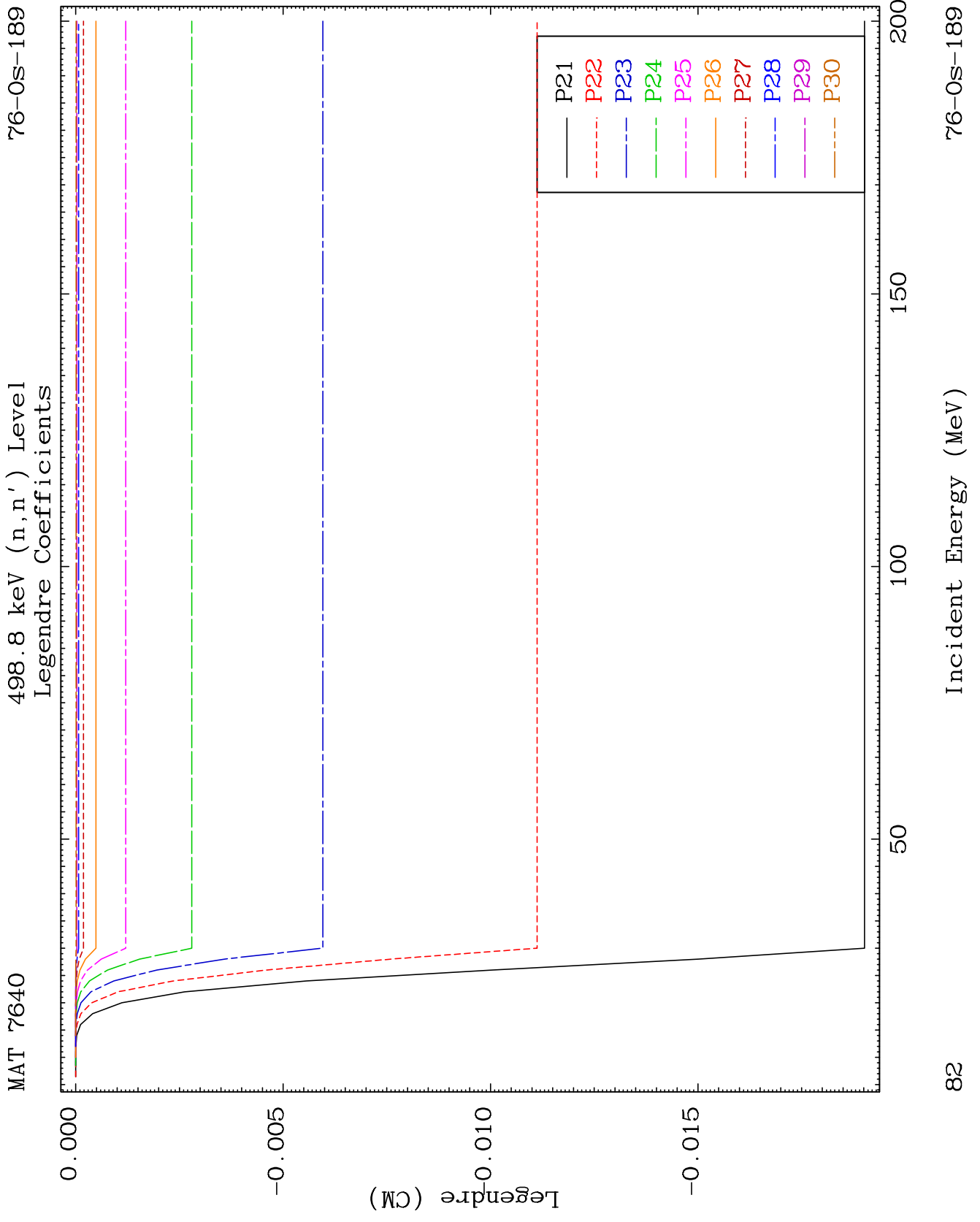
MAT 7640

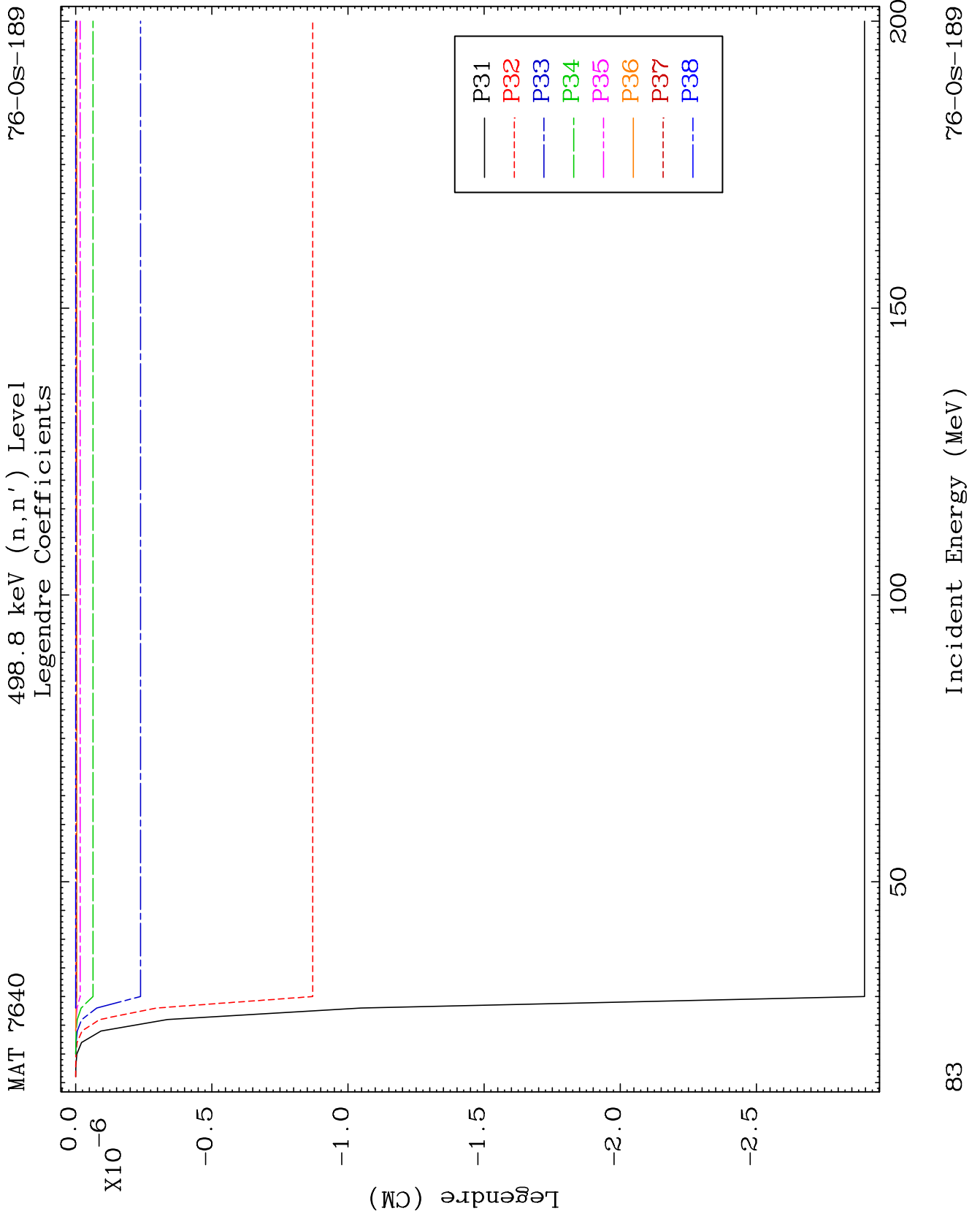
444.2 keV (n,n') Level
Legendre Coefficients

76-Os-189





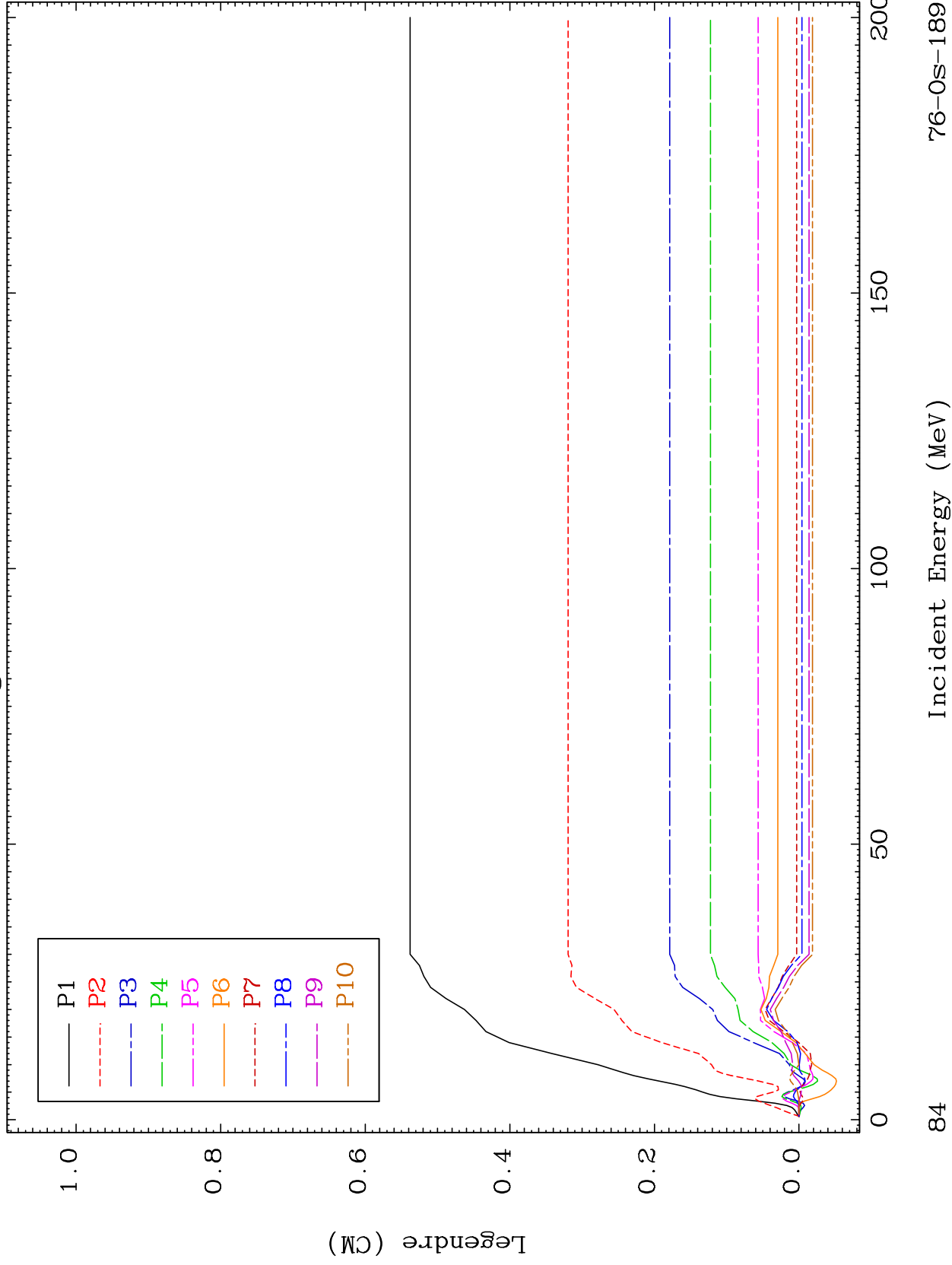


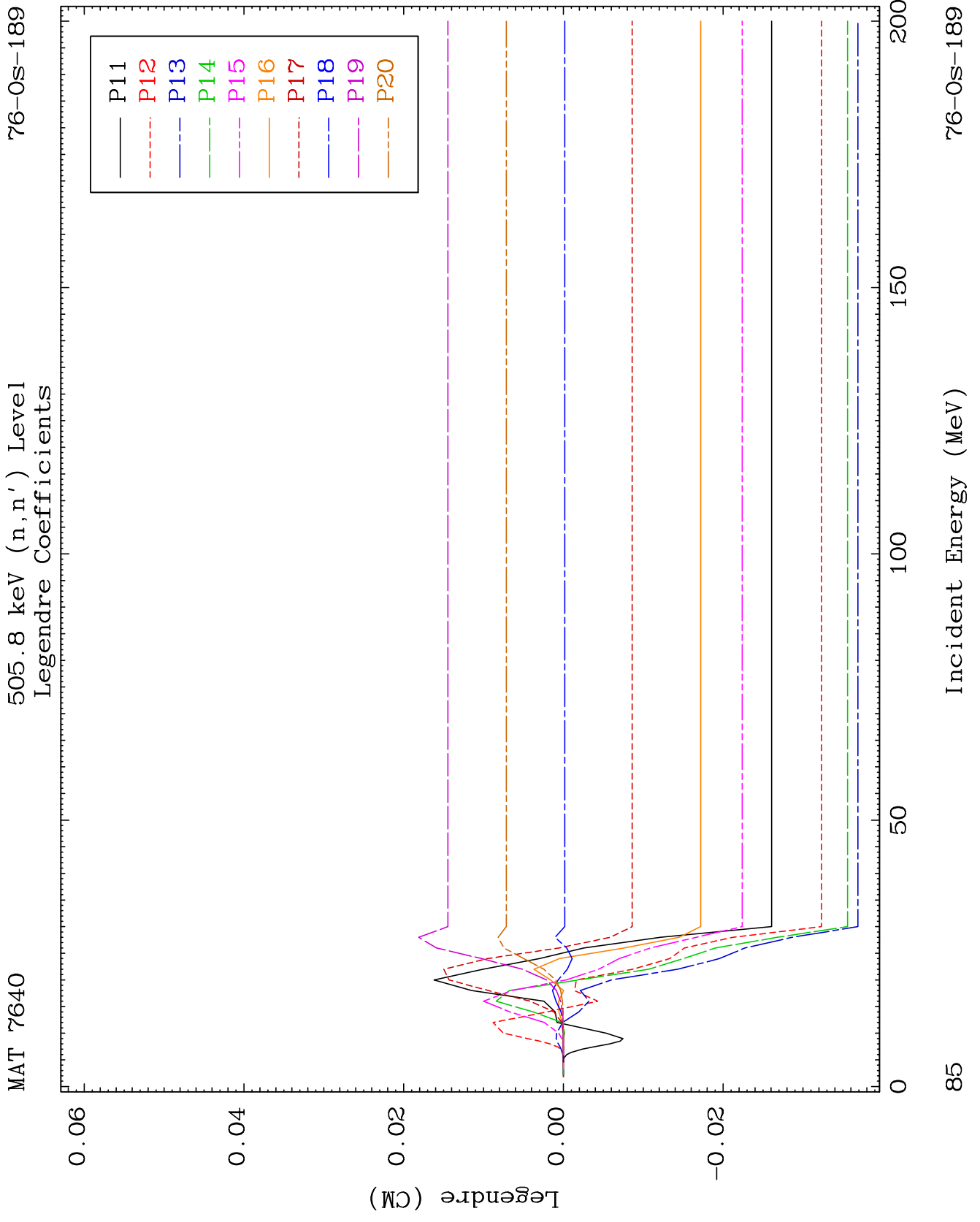


MAT 7640

505.8 keV (n, n') Level
Legendre Coefficients

76-0s-189

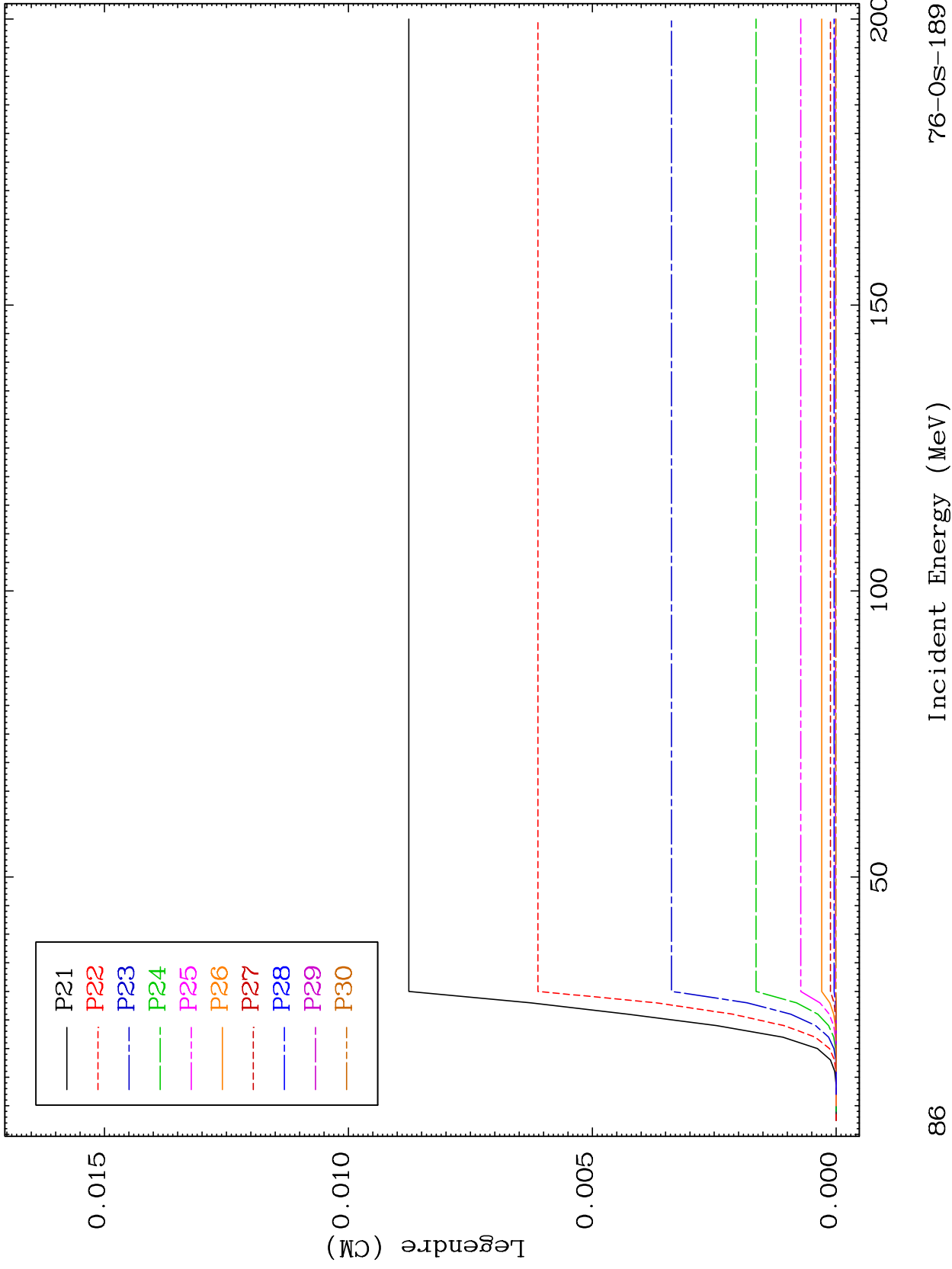




MAT 7640

505.8 keV (n,n') Level
Legendre Coefficients

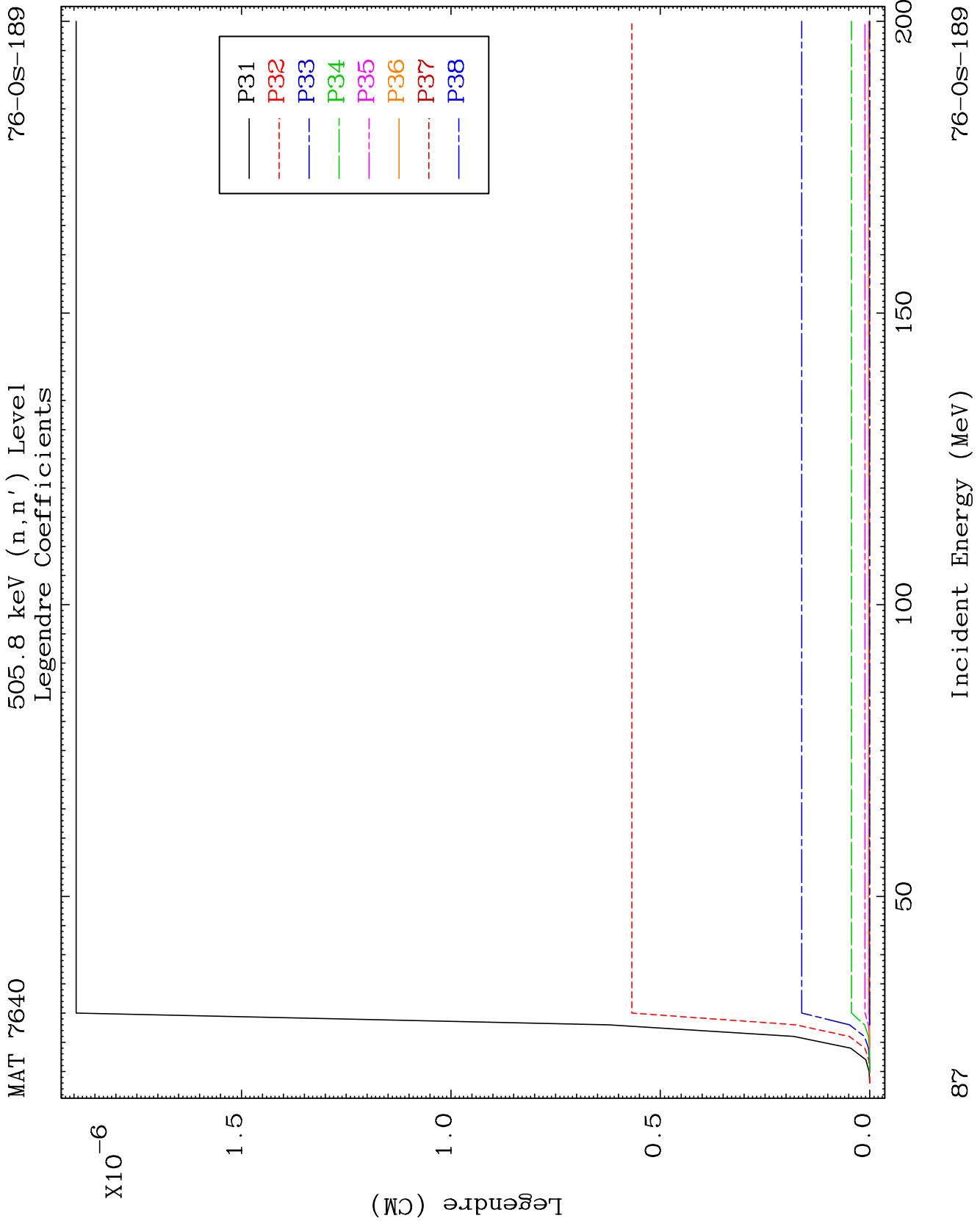
76-Os-189

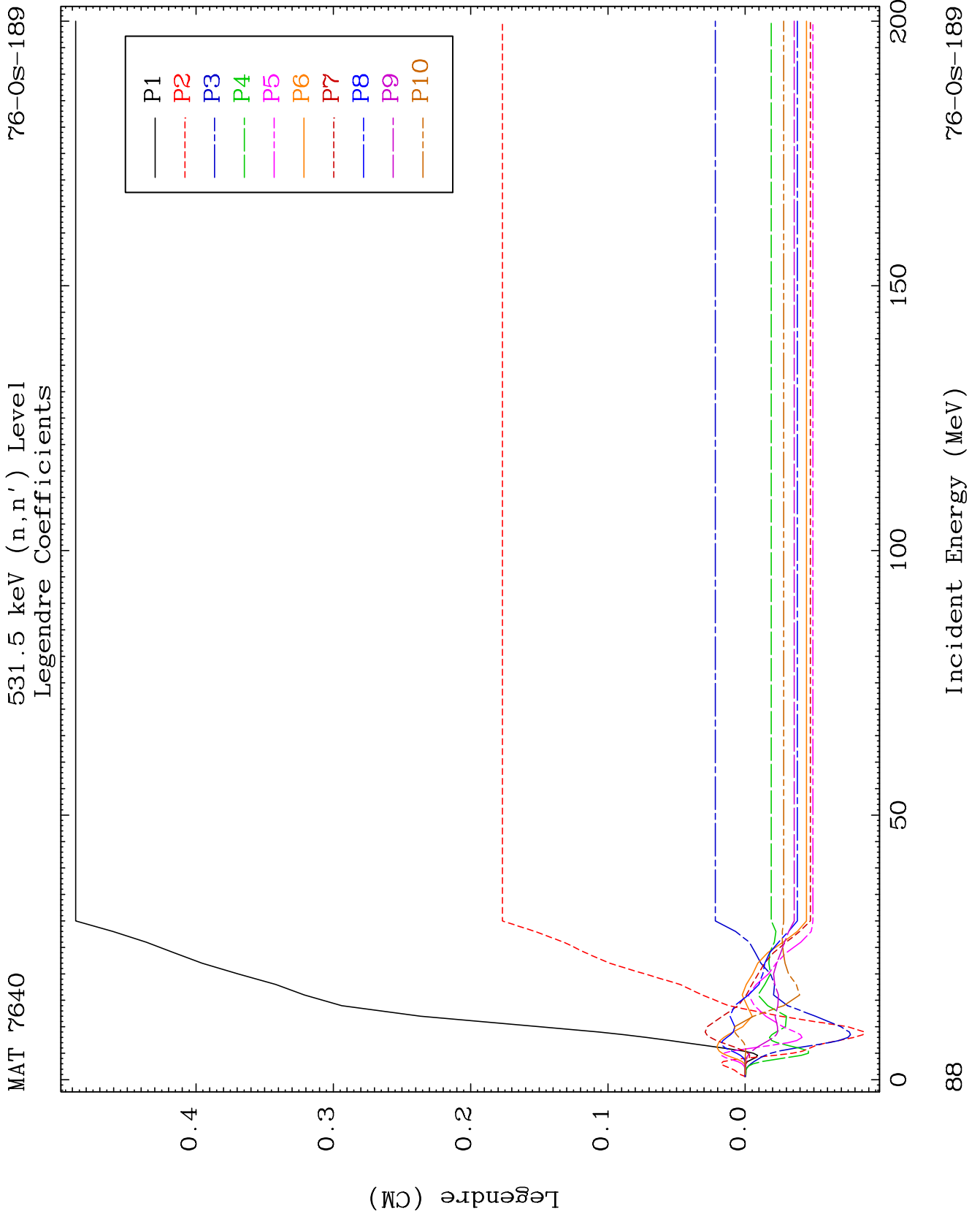


86

Incident Energy (MeV)

76-Os-189

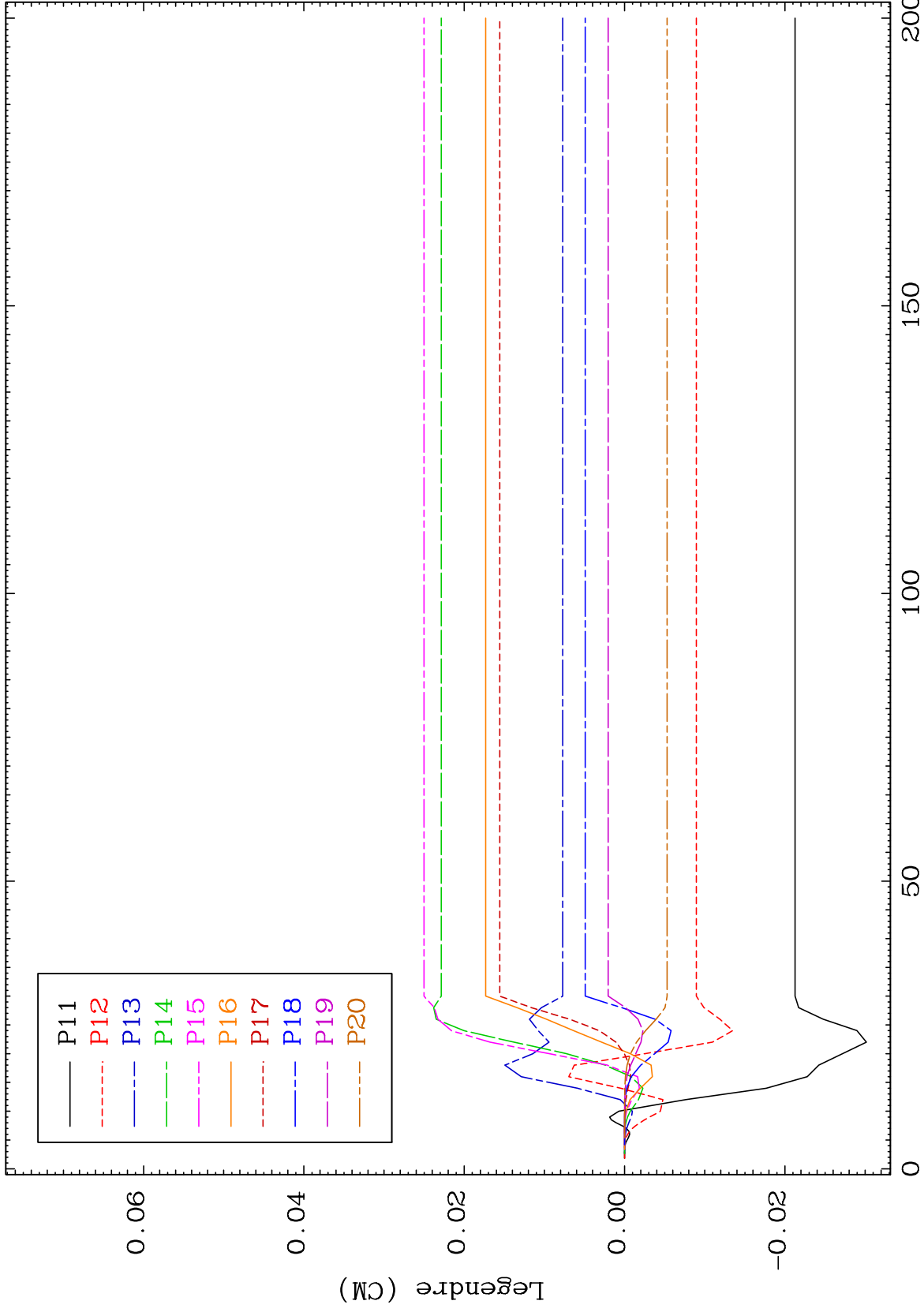




MAT 7640

531.5 keV (n,n') Level
Legendre Coefficients

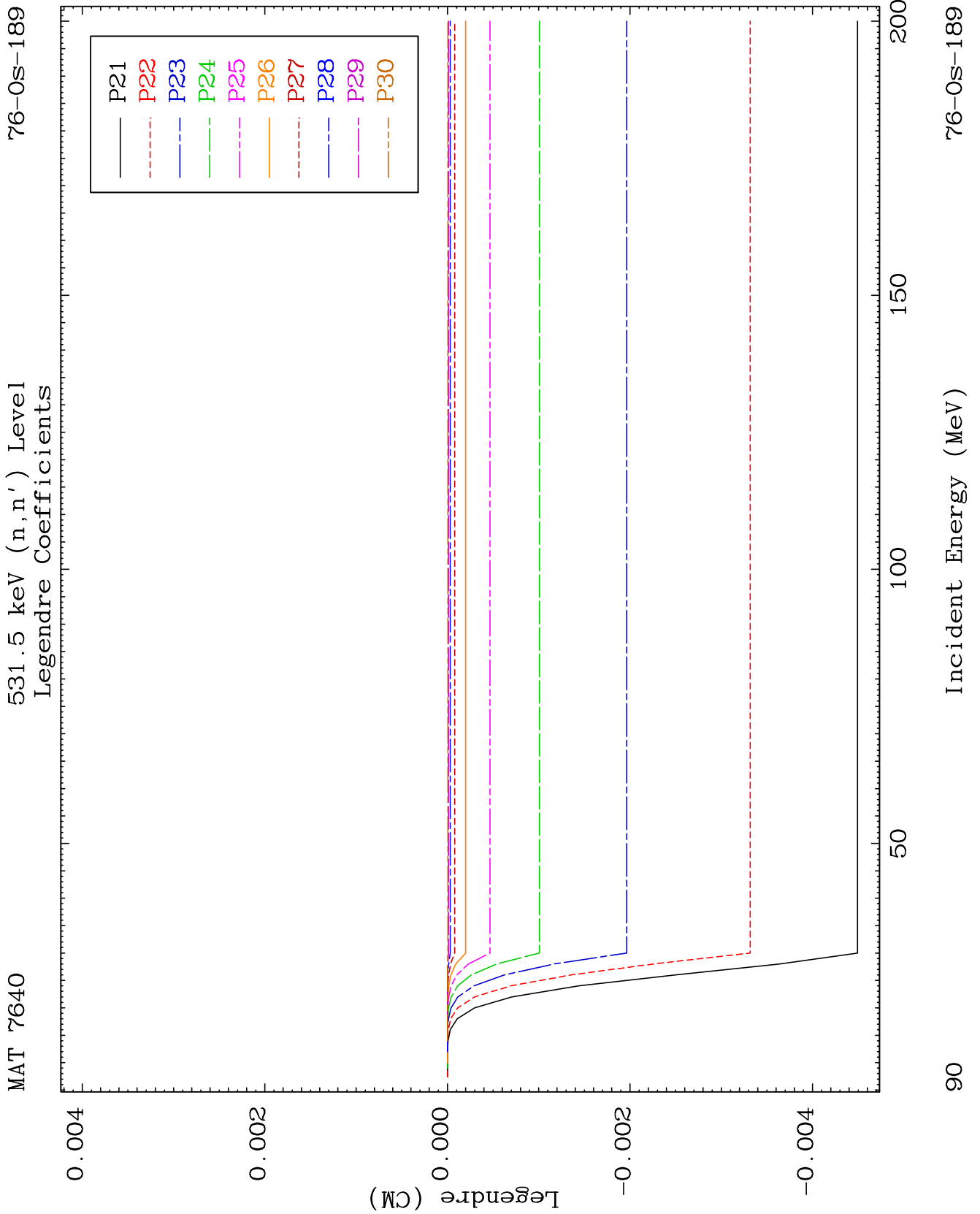
76-Os-189

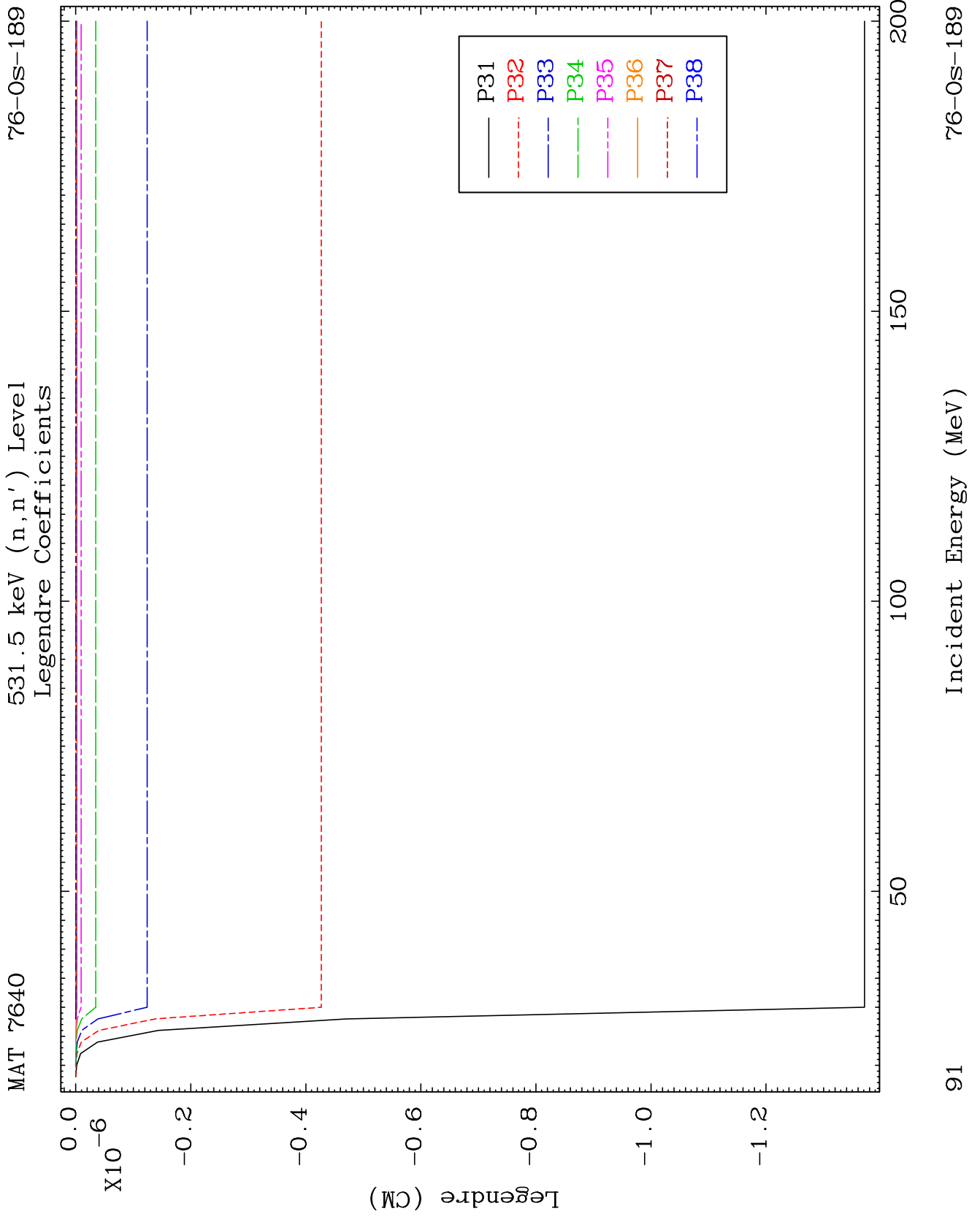


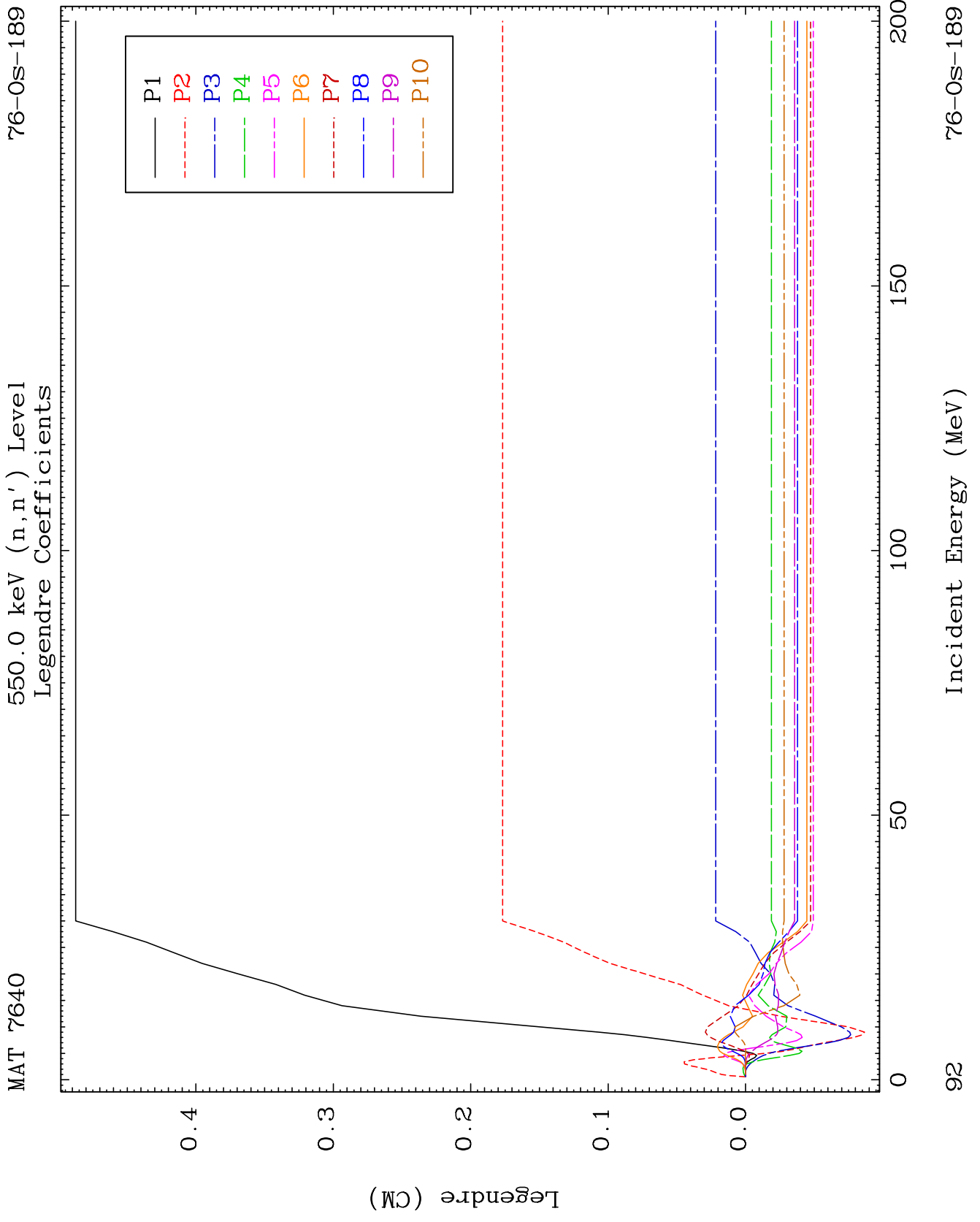
89

Incident Energy (MeV)

76-Os-189



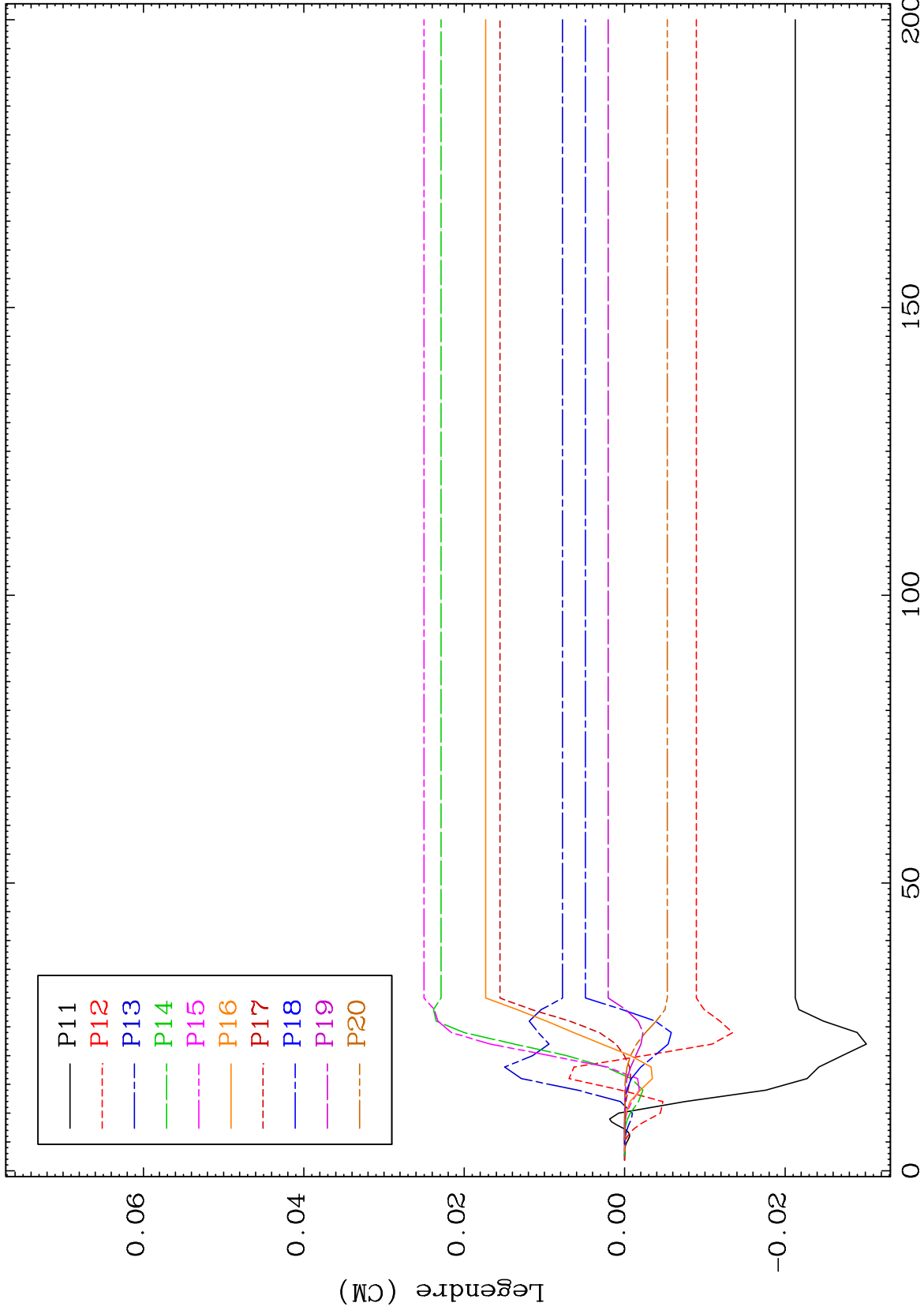




MAT 7640

550.0 keV (n,n') Level
Legendre Coefficients

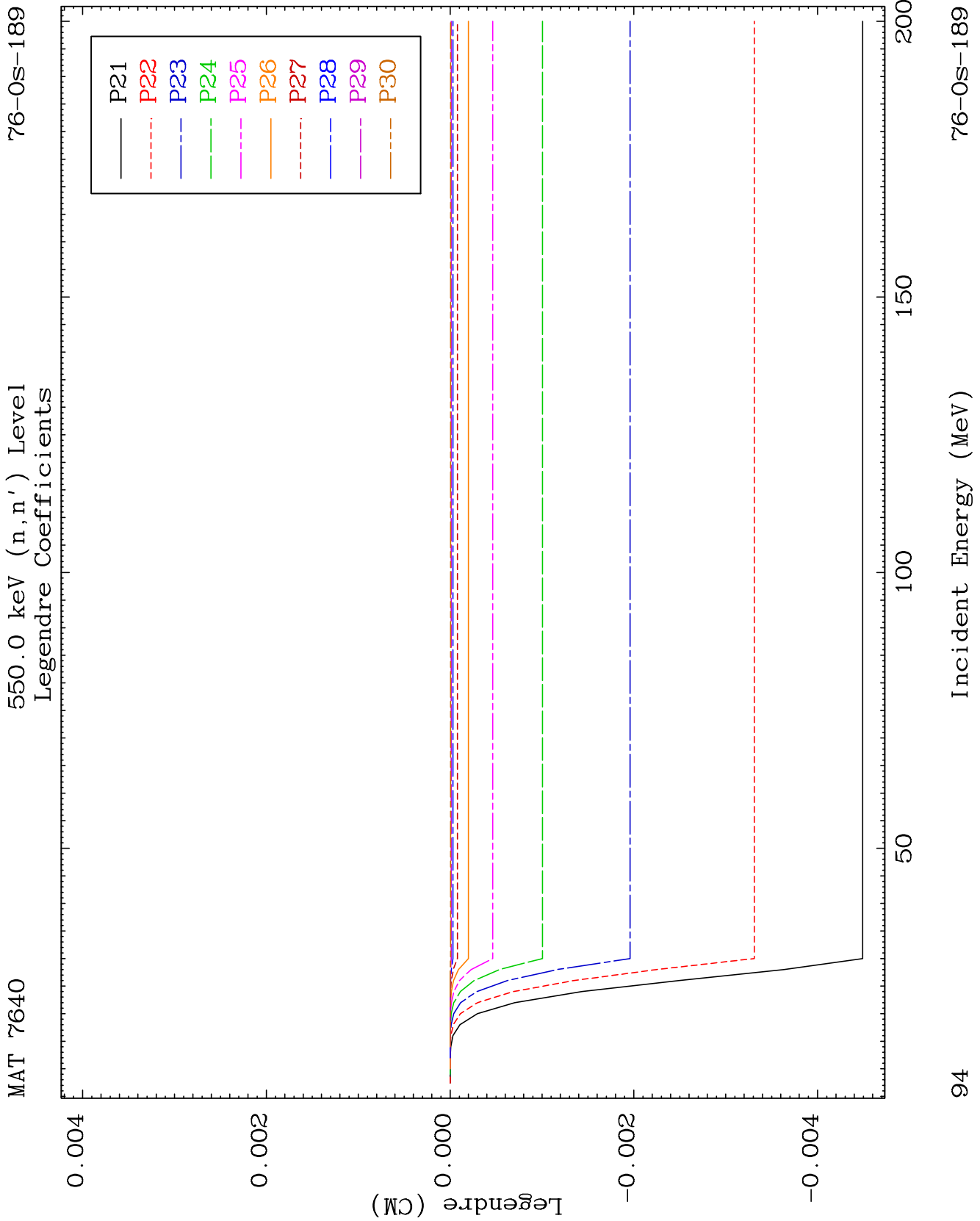
76-Os-189

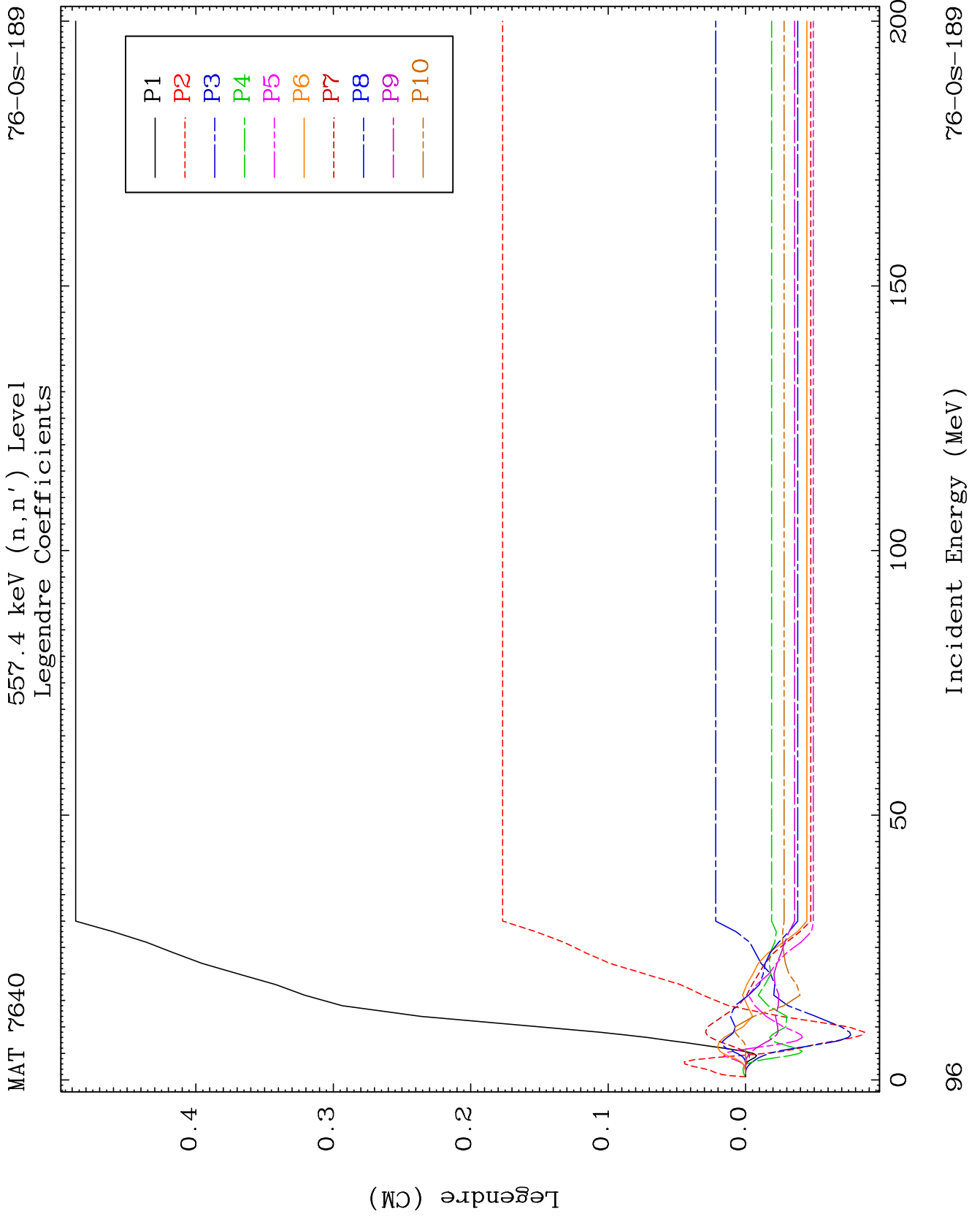


93

Incident Energy (MeV)

76-Os-189

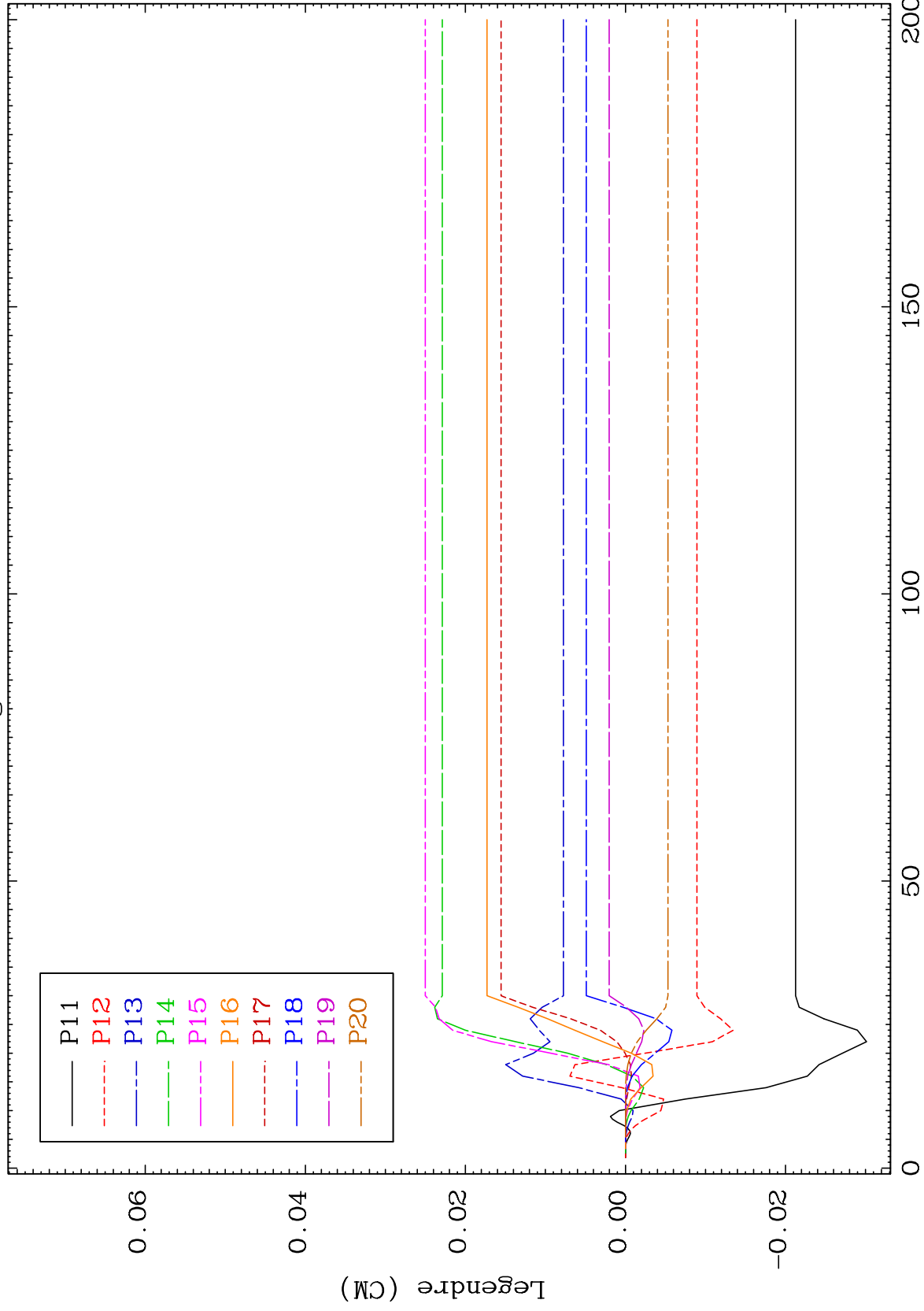




MAT 7640

557.4 keV (n,n') Level
Legendre Coefficients

76-Os-189



97

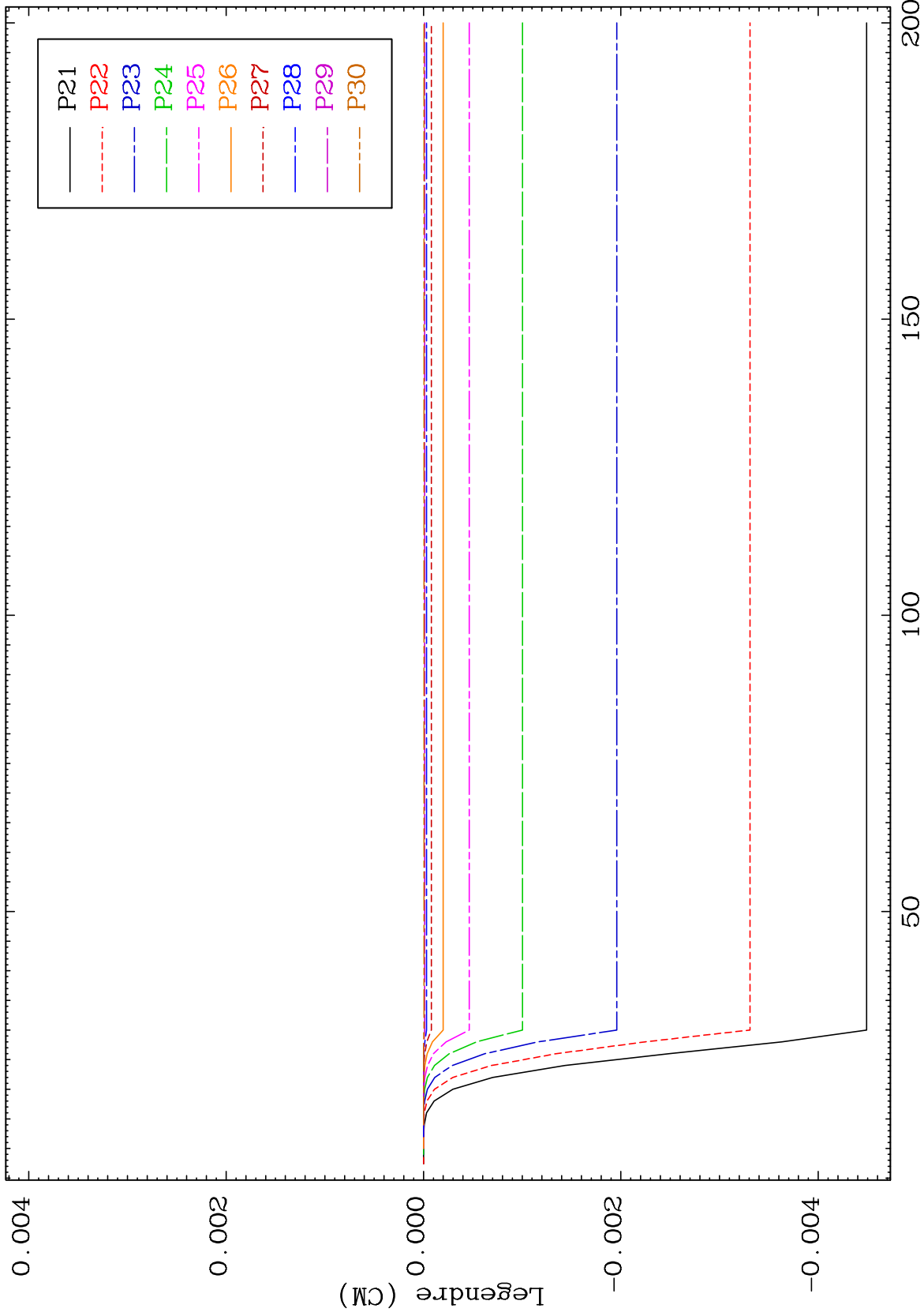
Incident Energy (MeV)

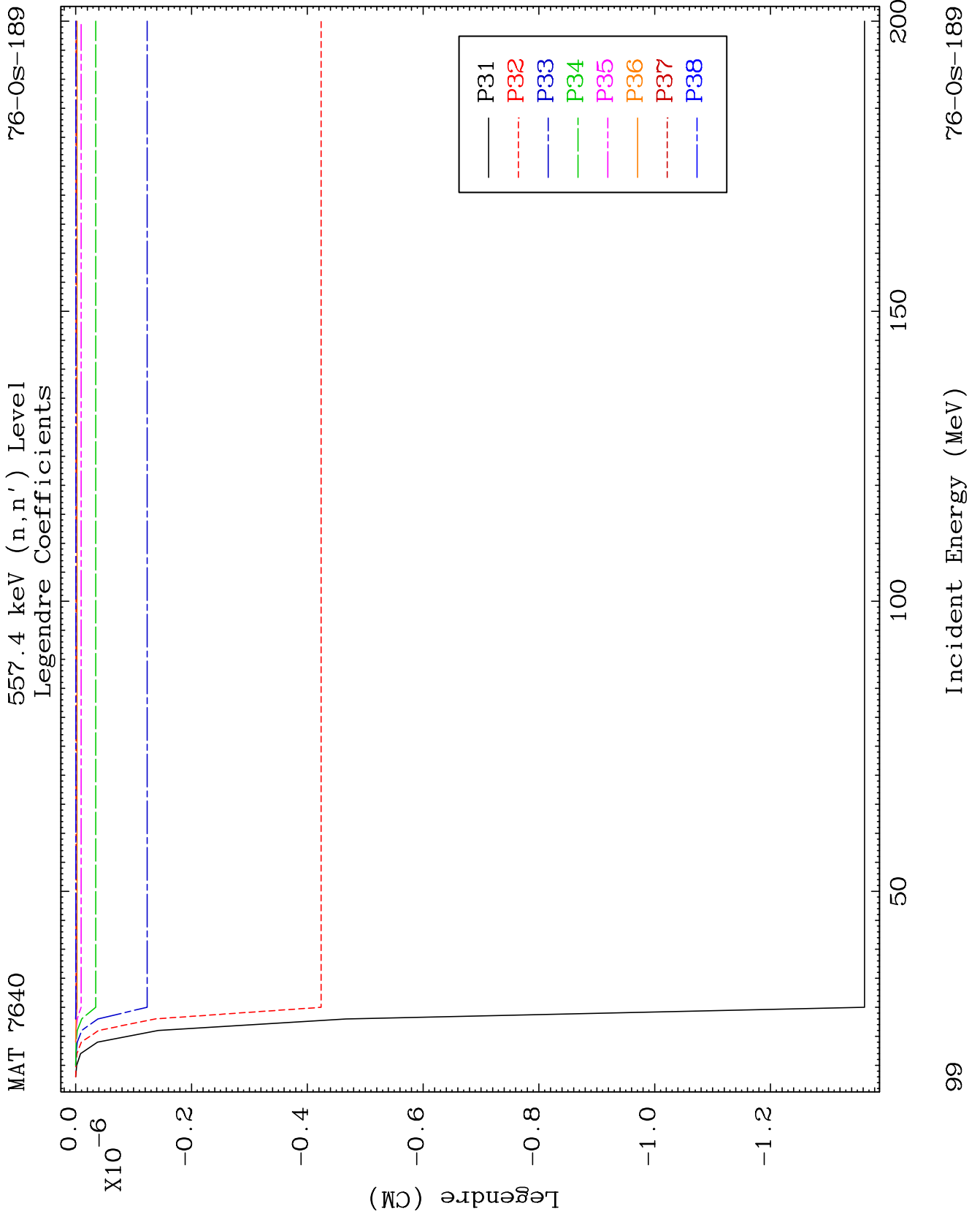
76-Os-189

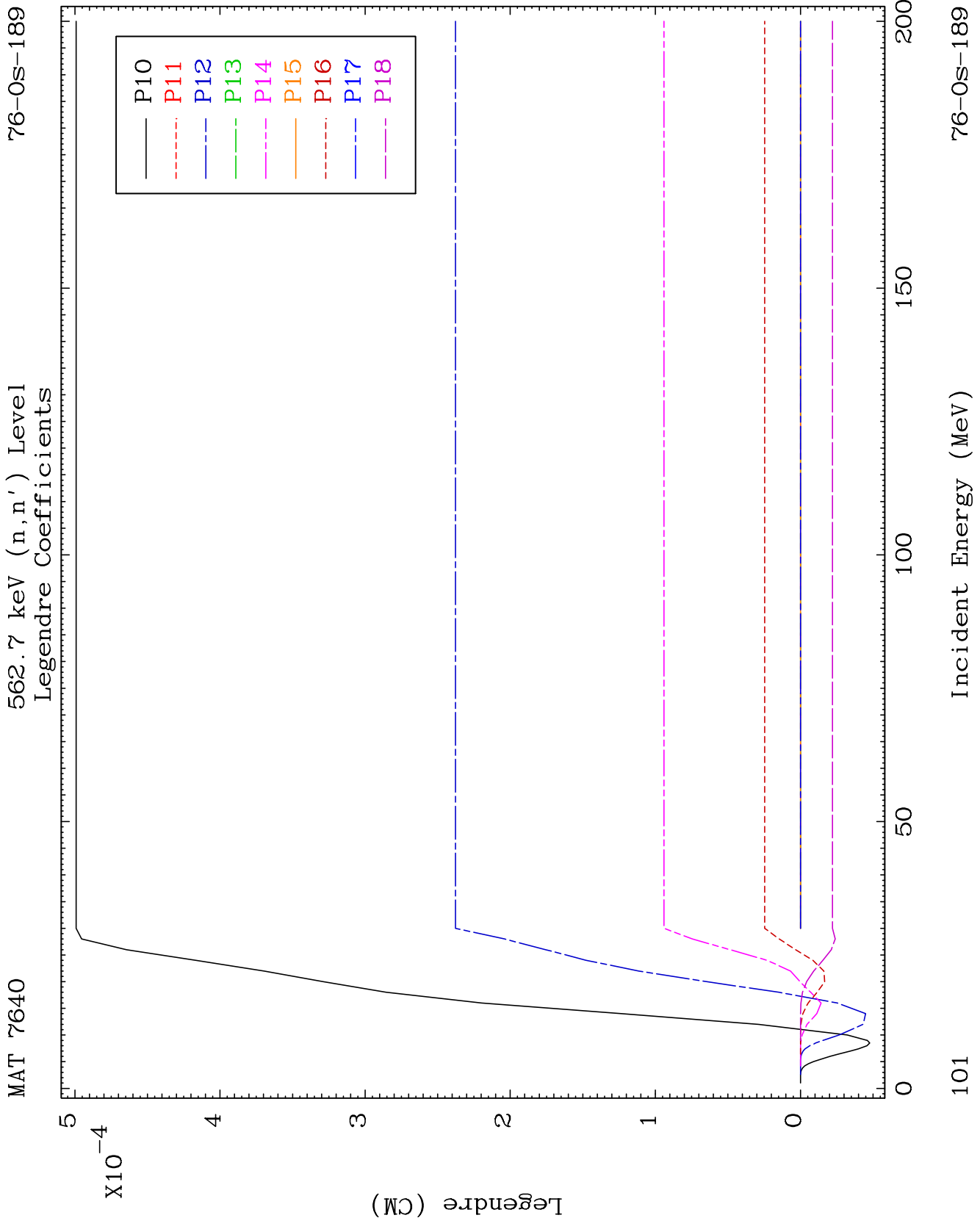
MAT 7640

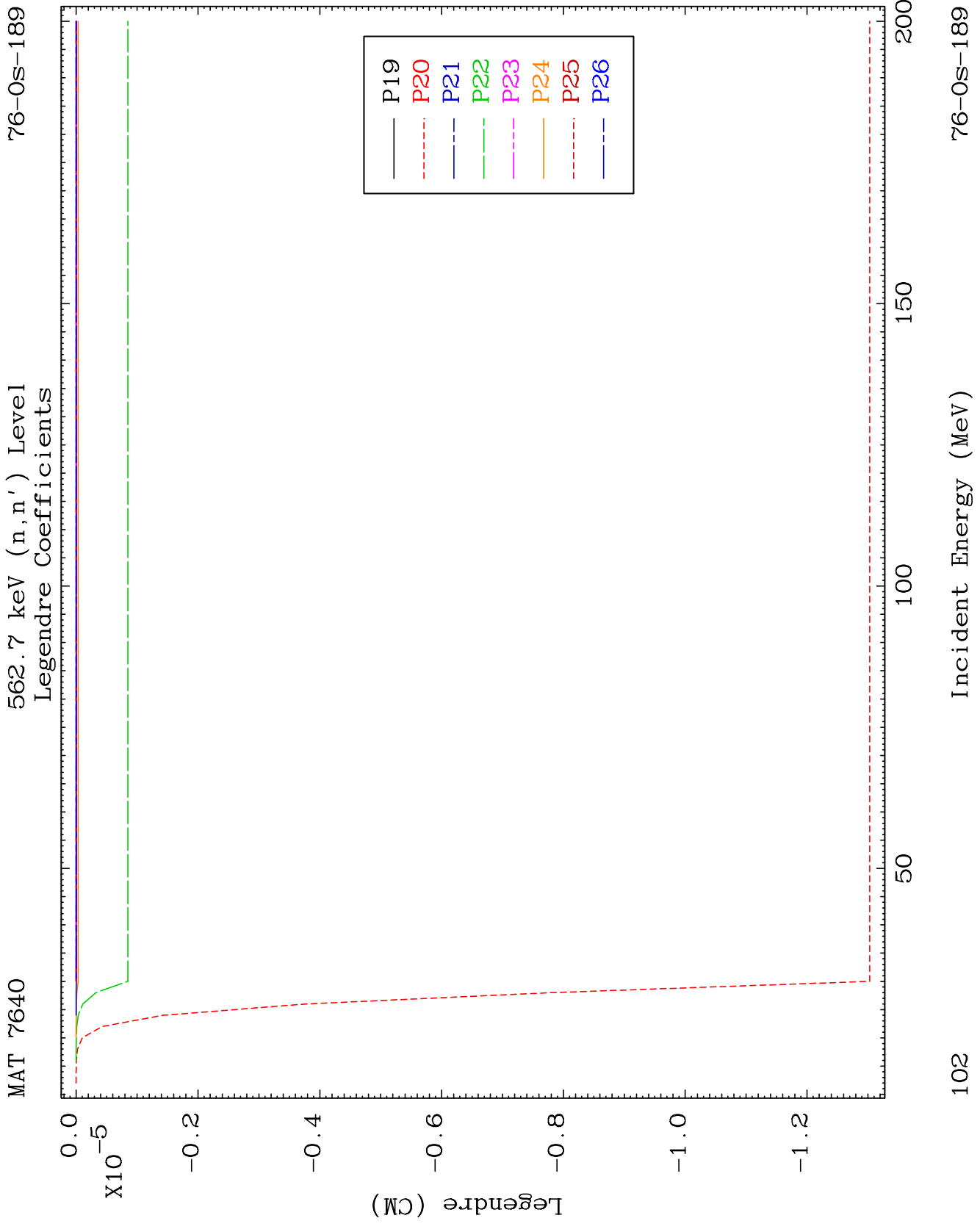
557.4 keV (n,n') Level
Legendre Coefficients

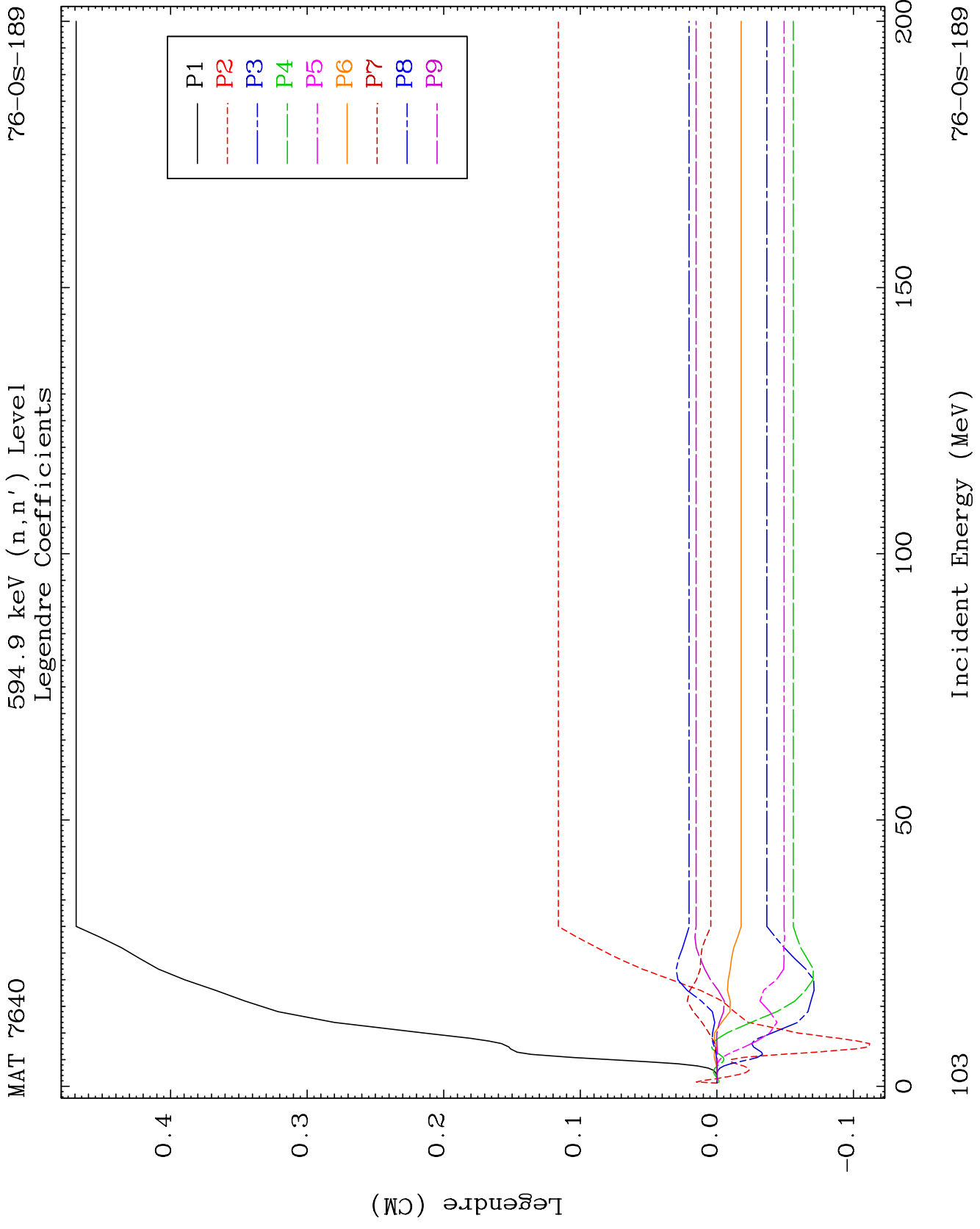
76-Os-189

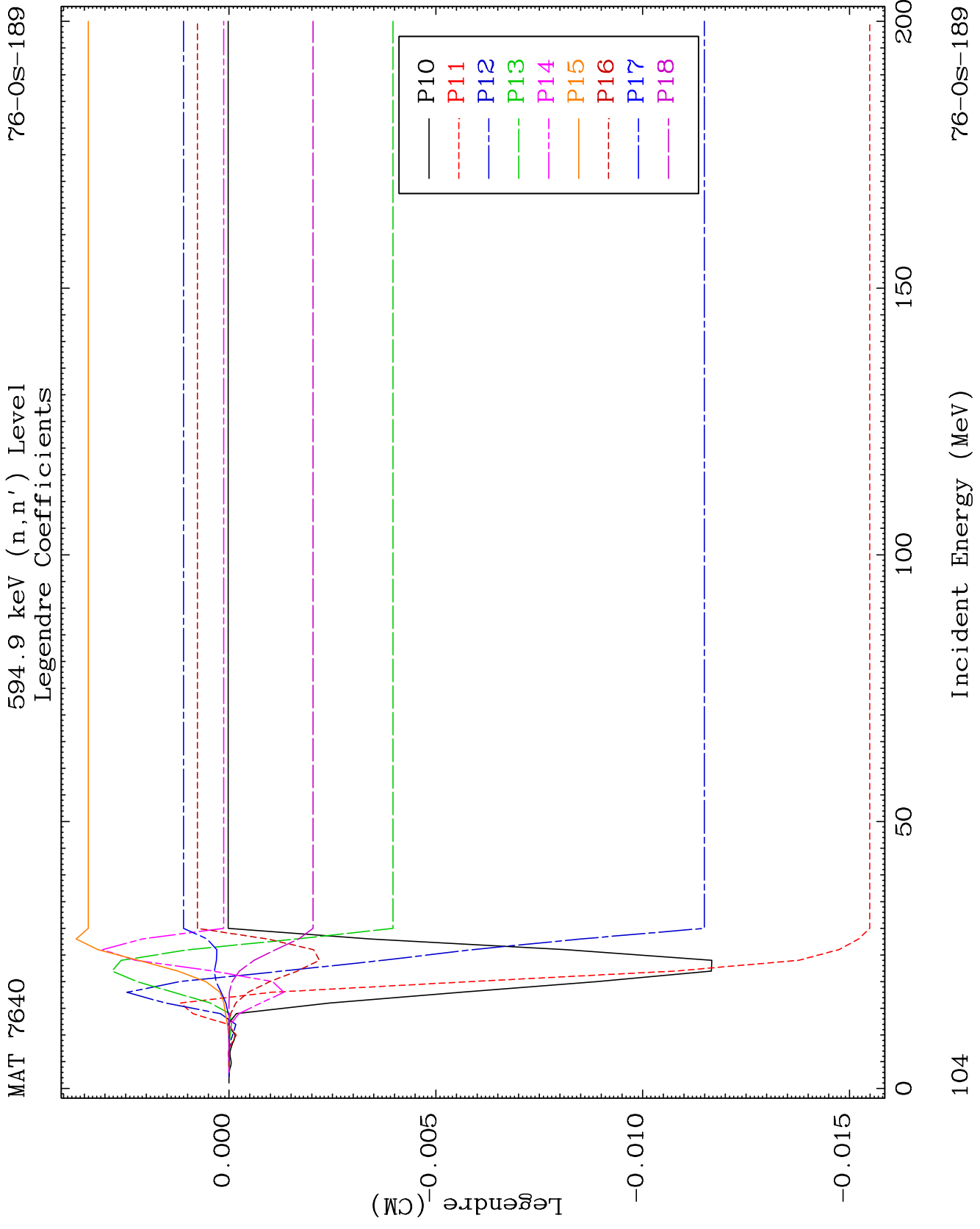








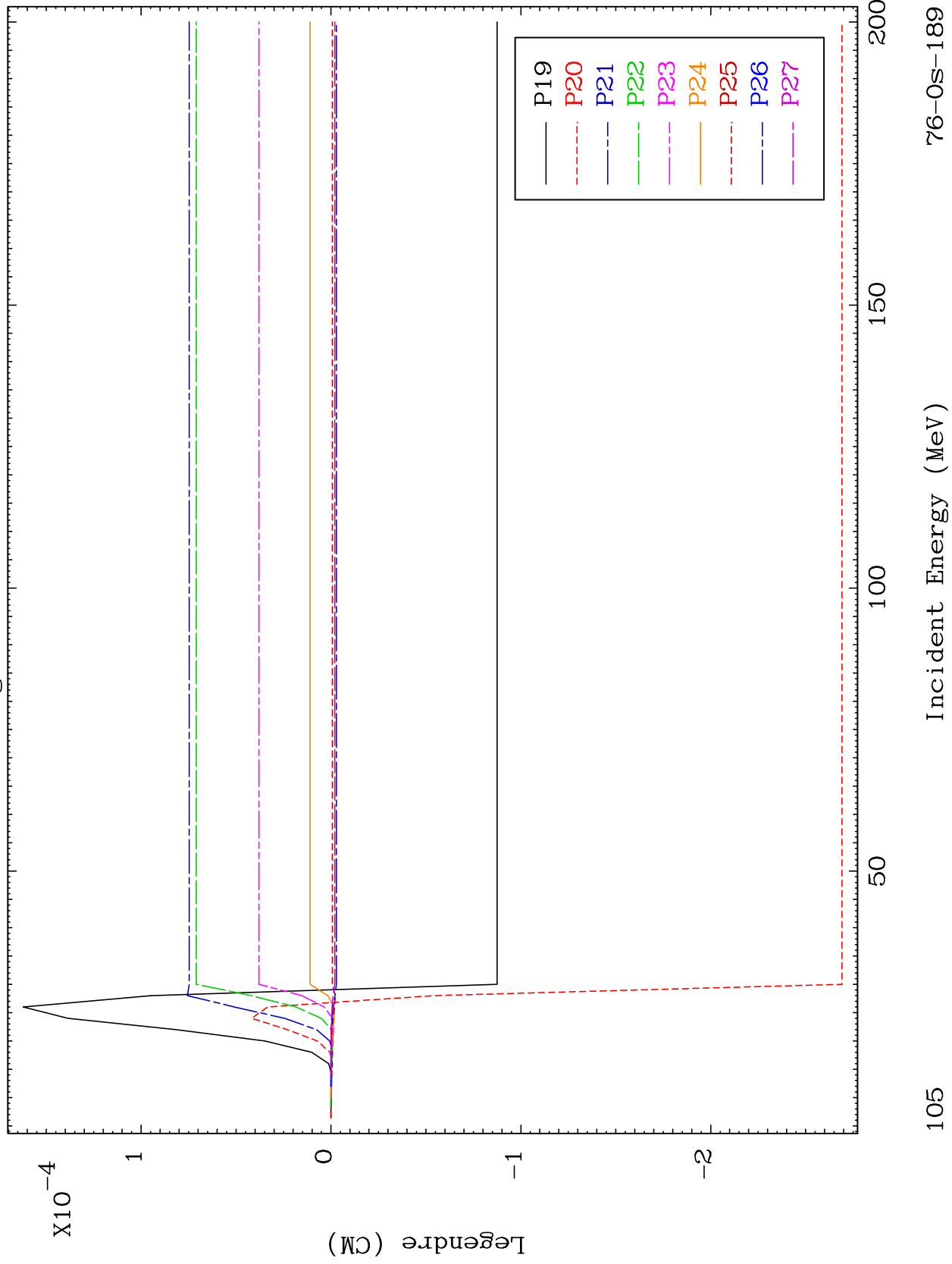




MAT 7640

594.9 keV (n, n') Level
Legendre Coefficients

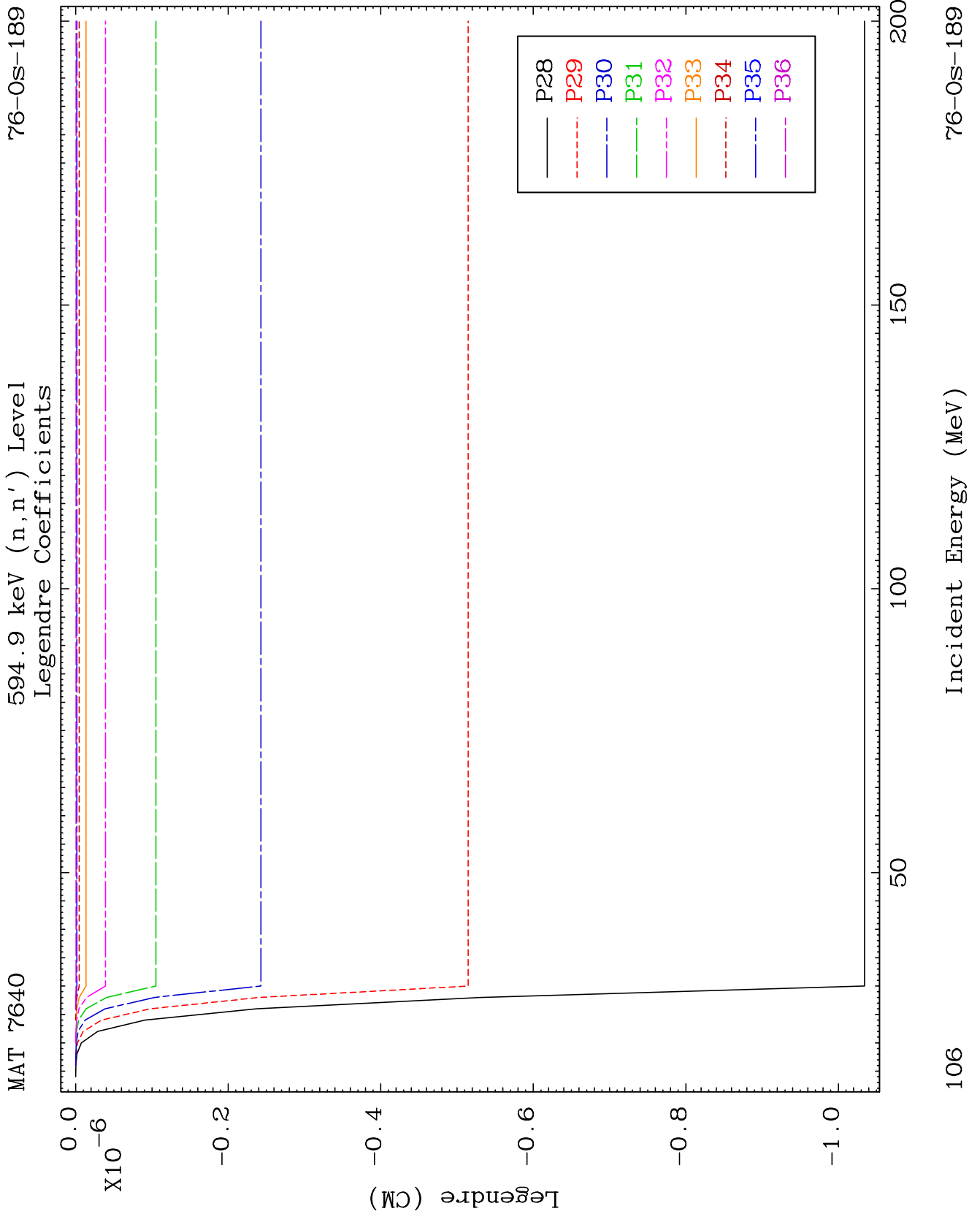
76-Os-189

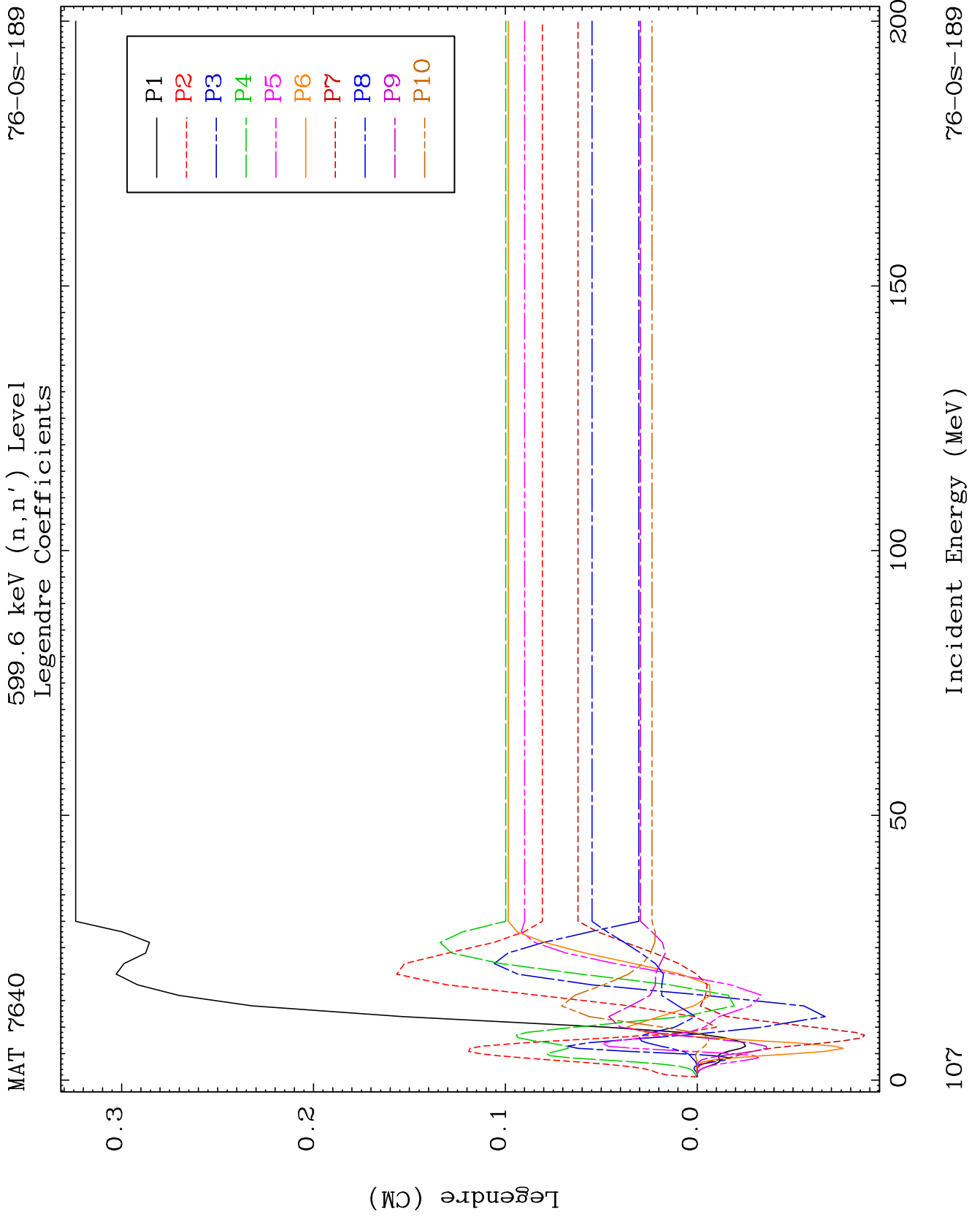


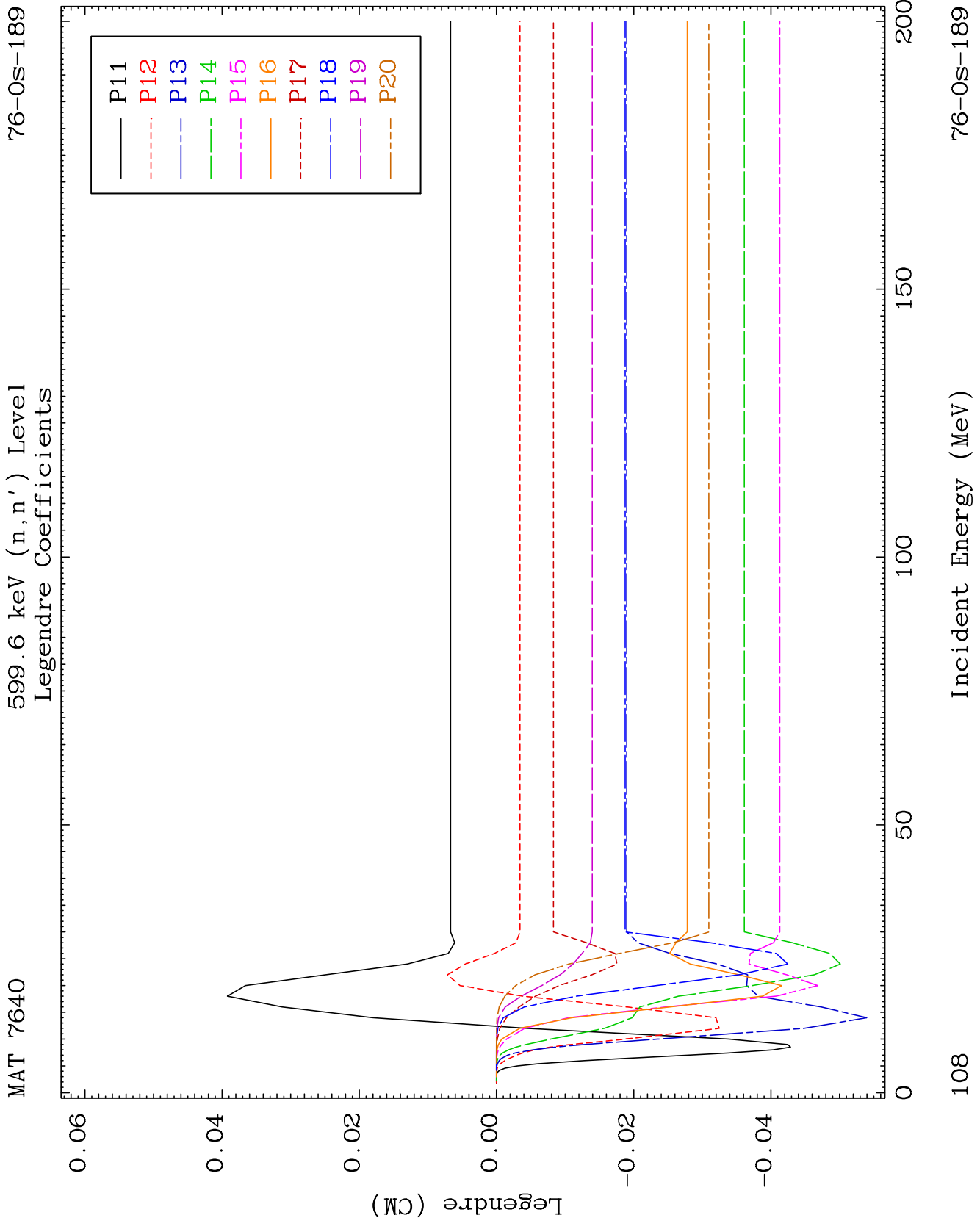
105

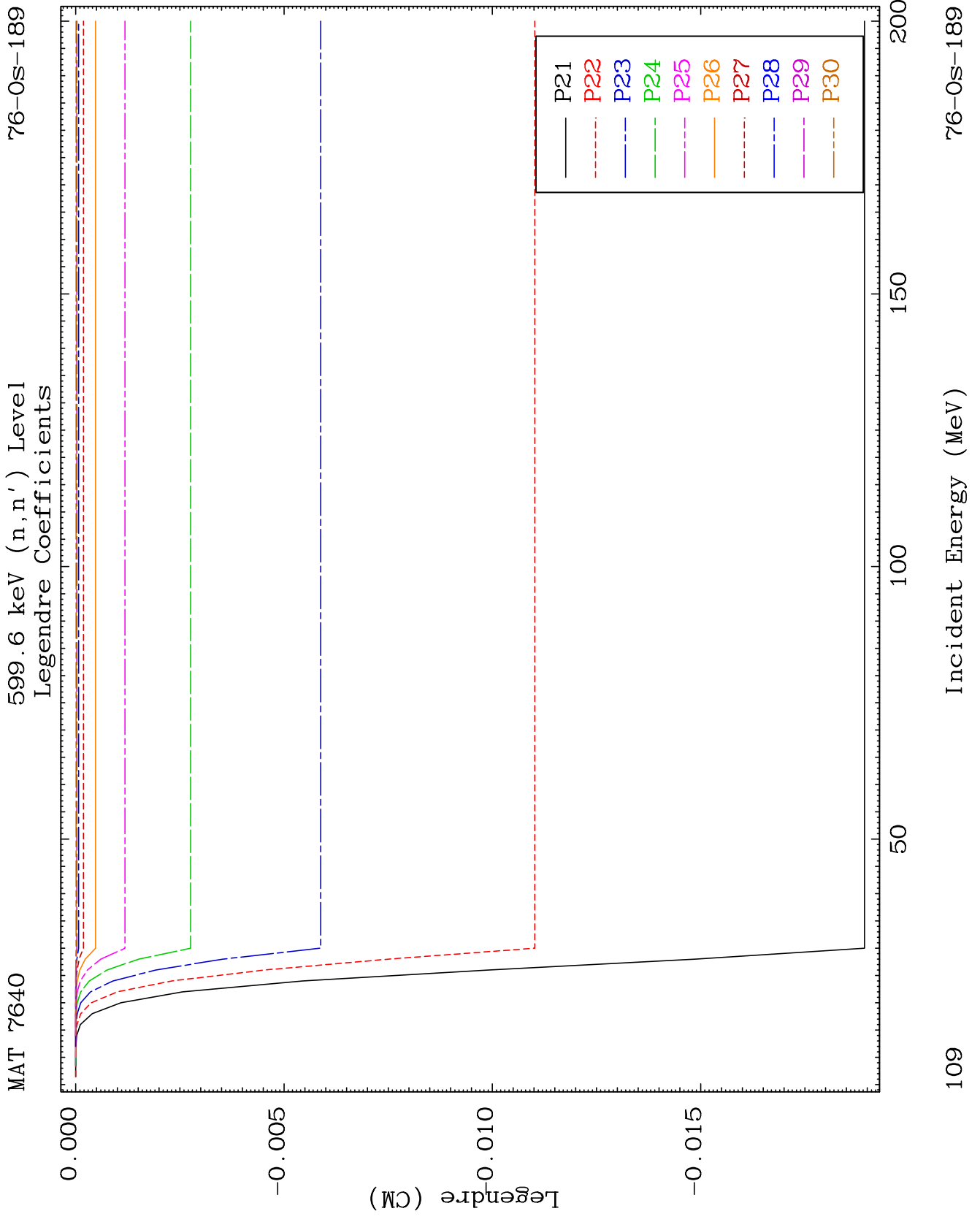
Incident Energy (MeV)

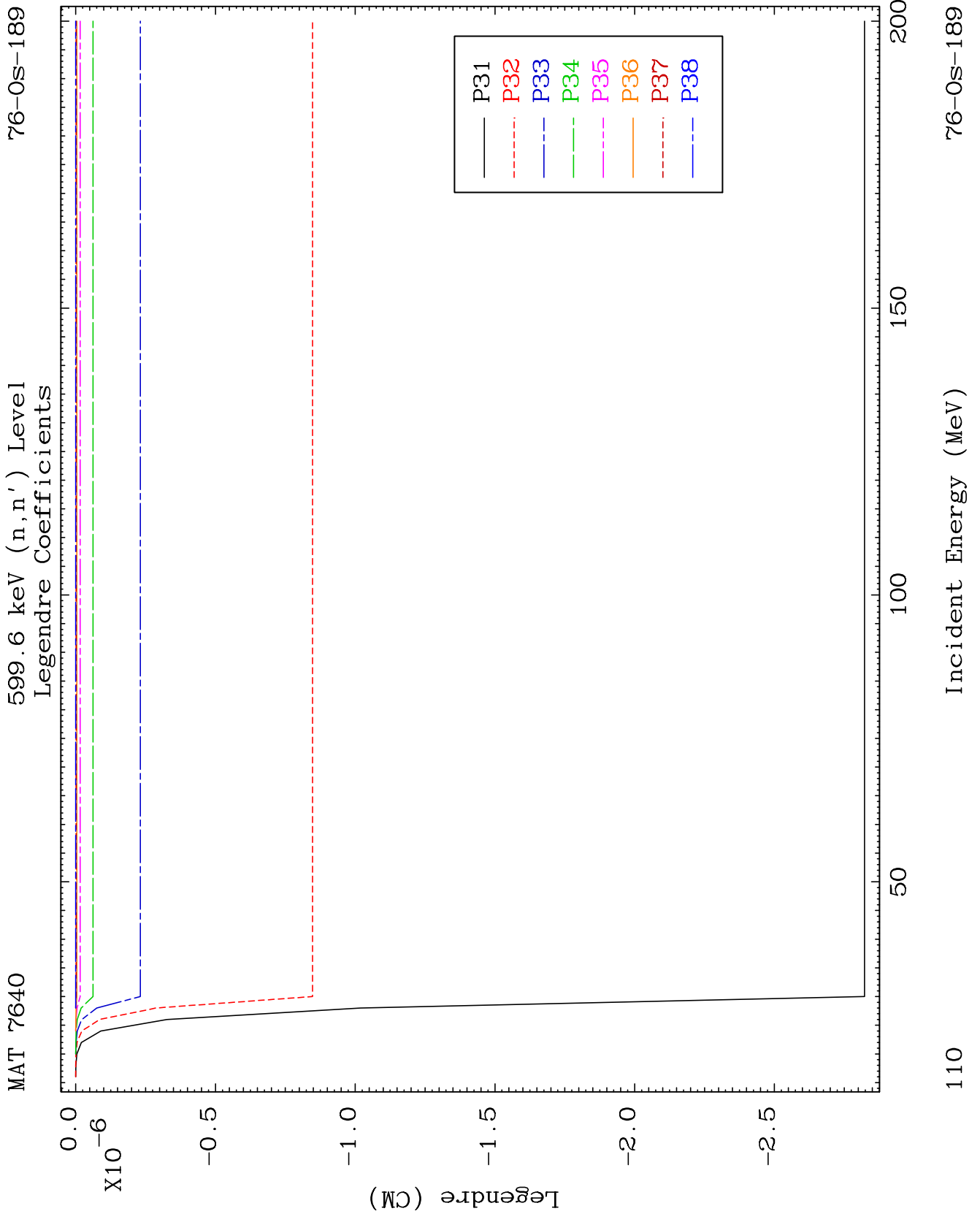
76-Os-189

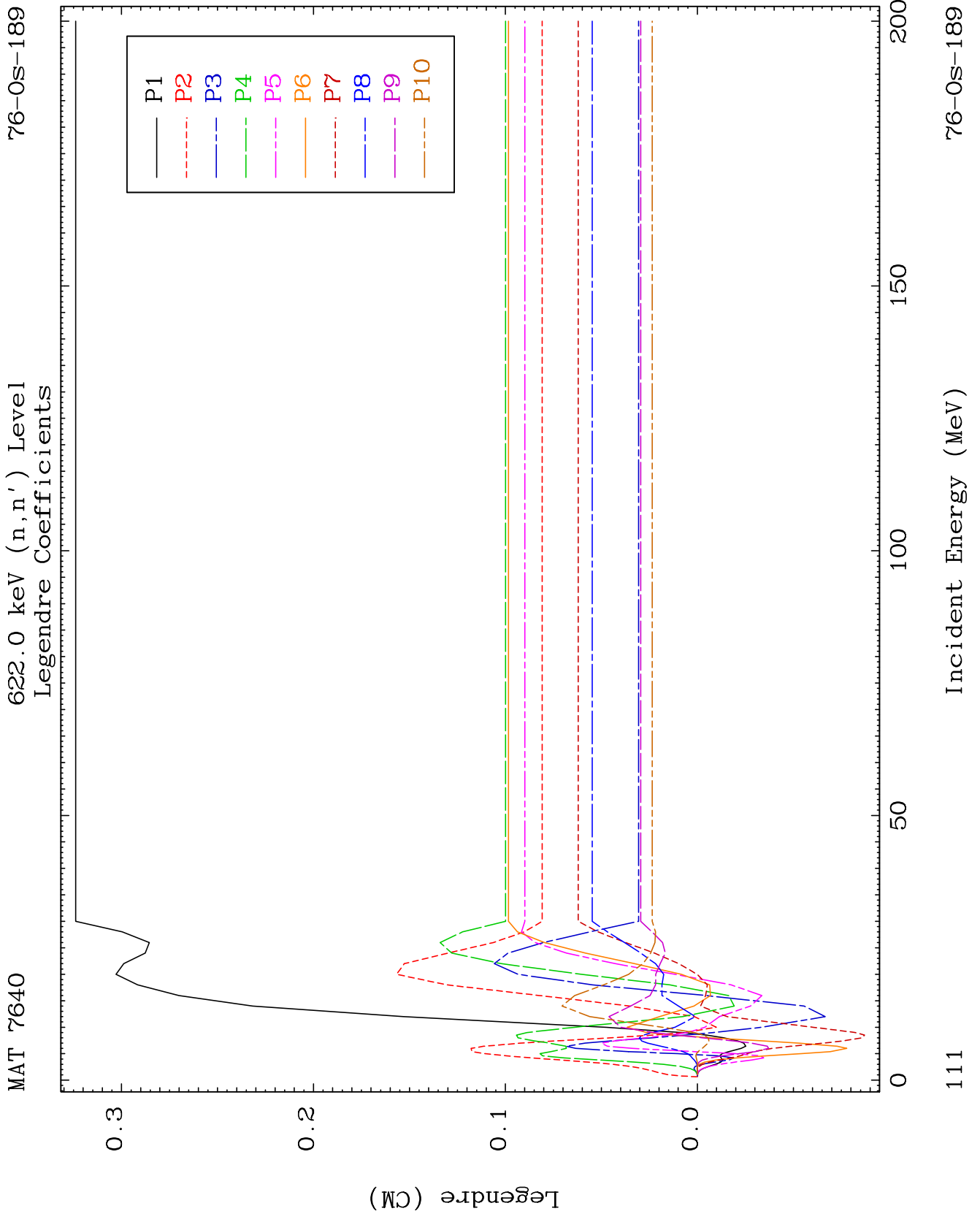


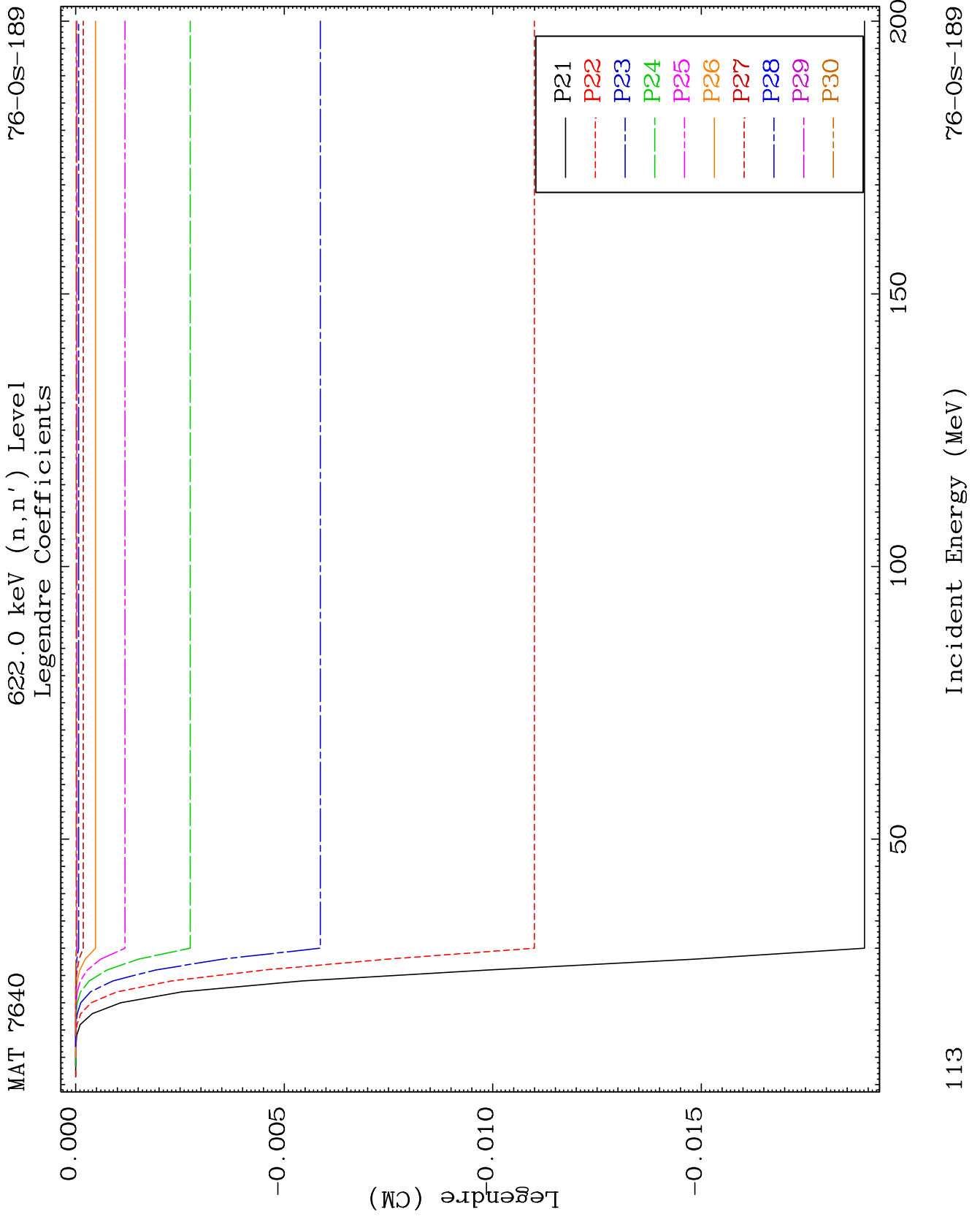


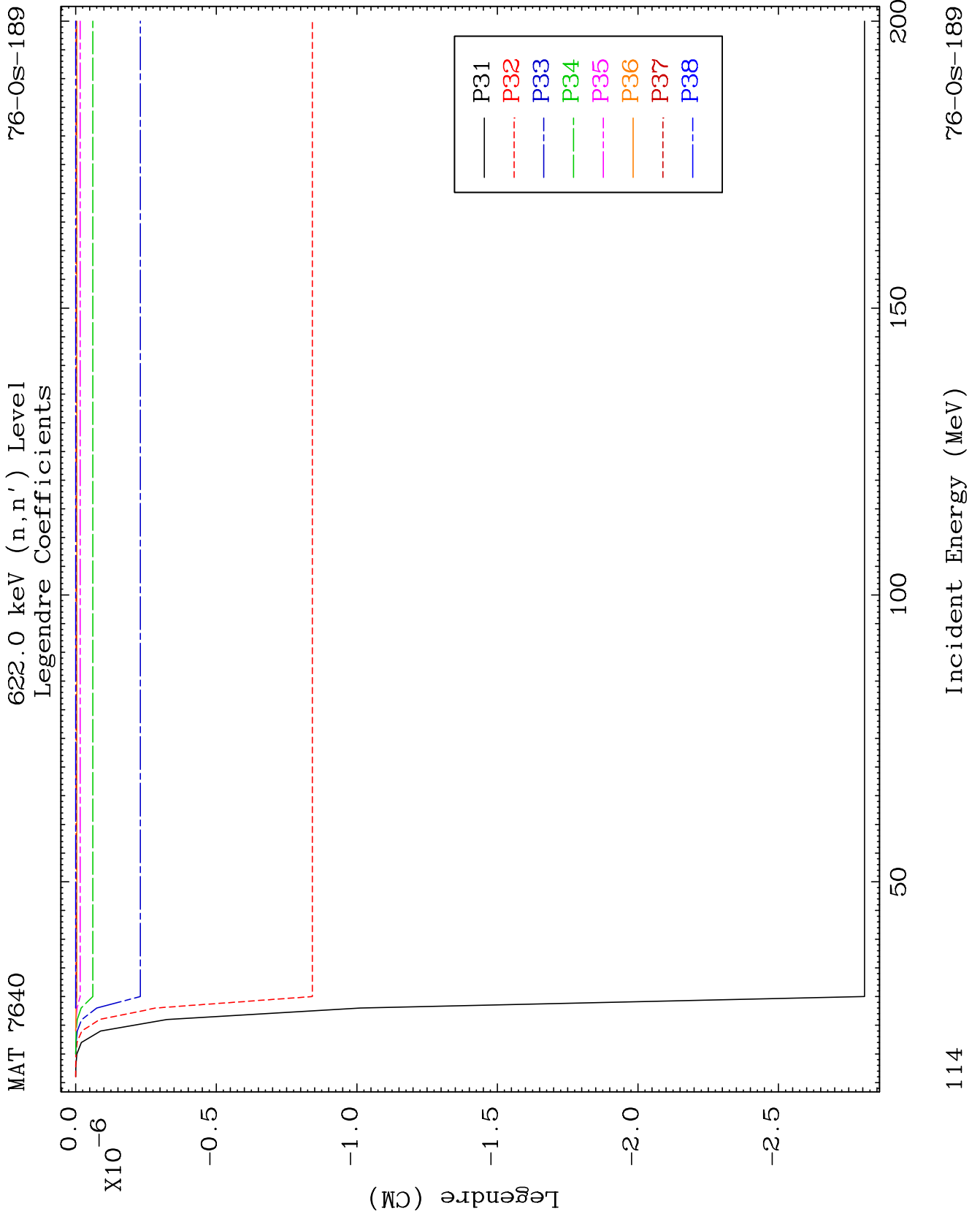


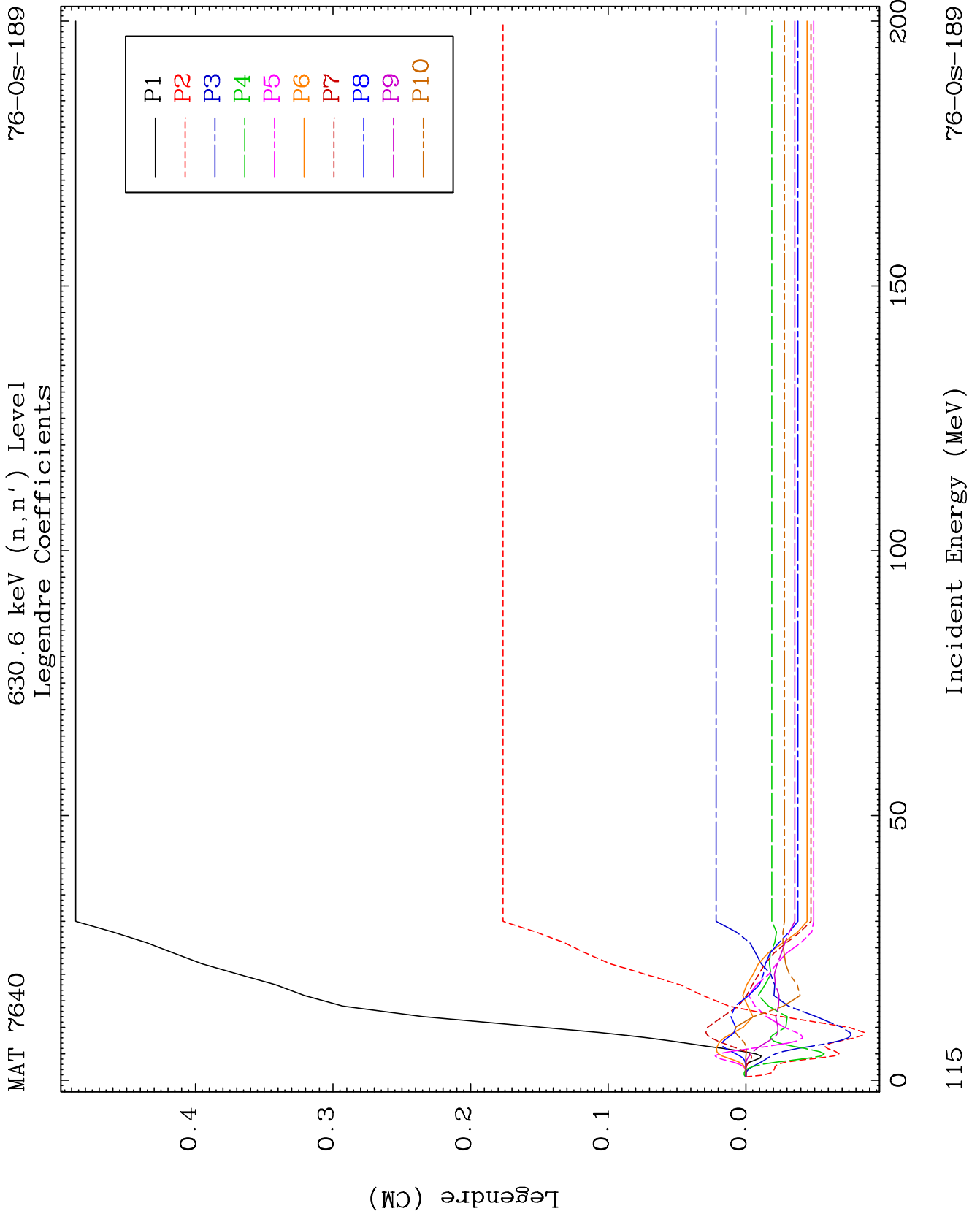








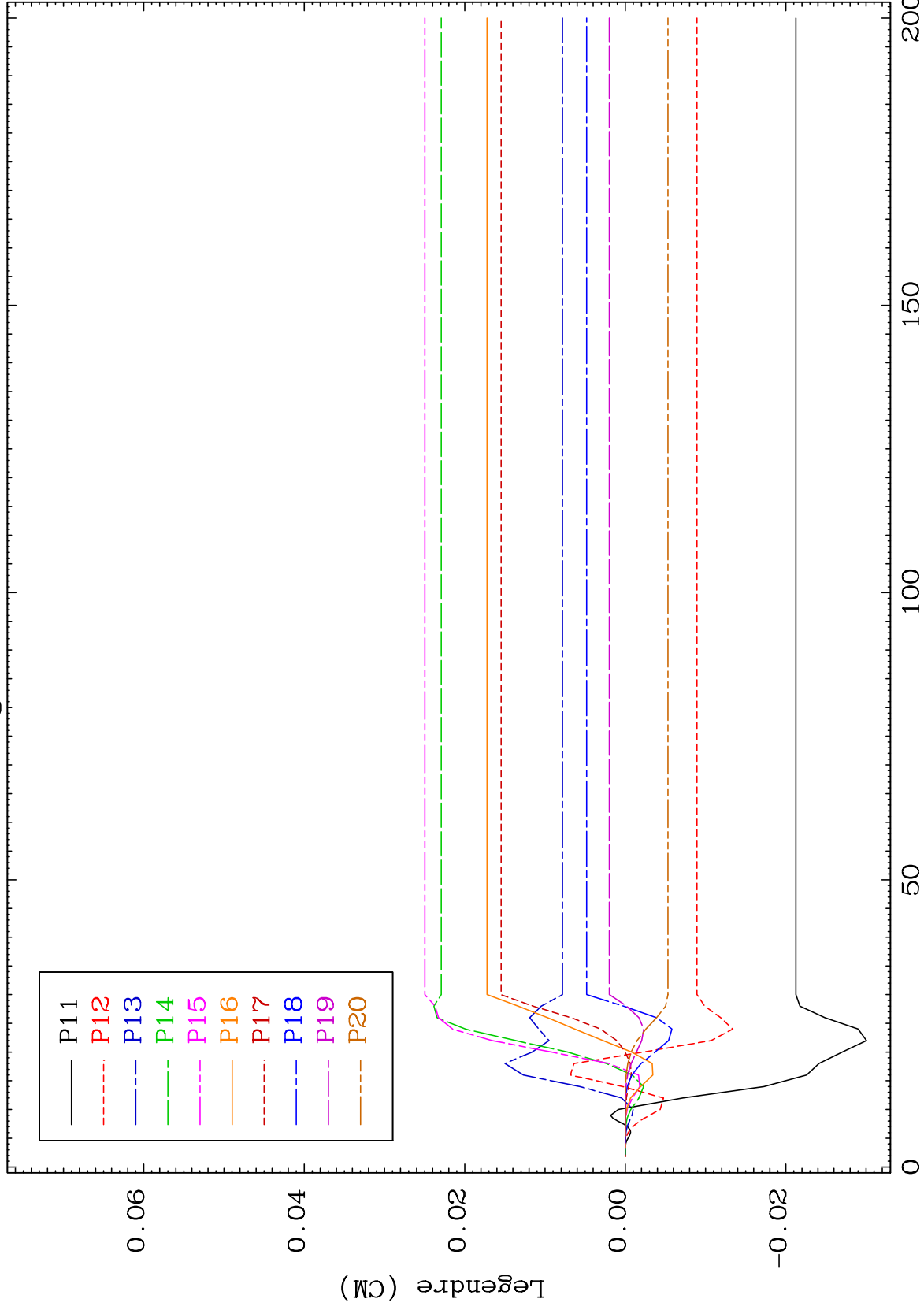




MAT 7640

630.6 keV (n,n') Level
Legendre Coefficients

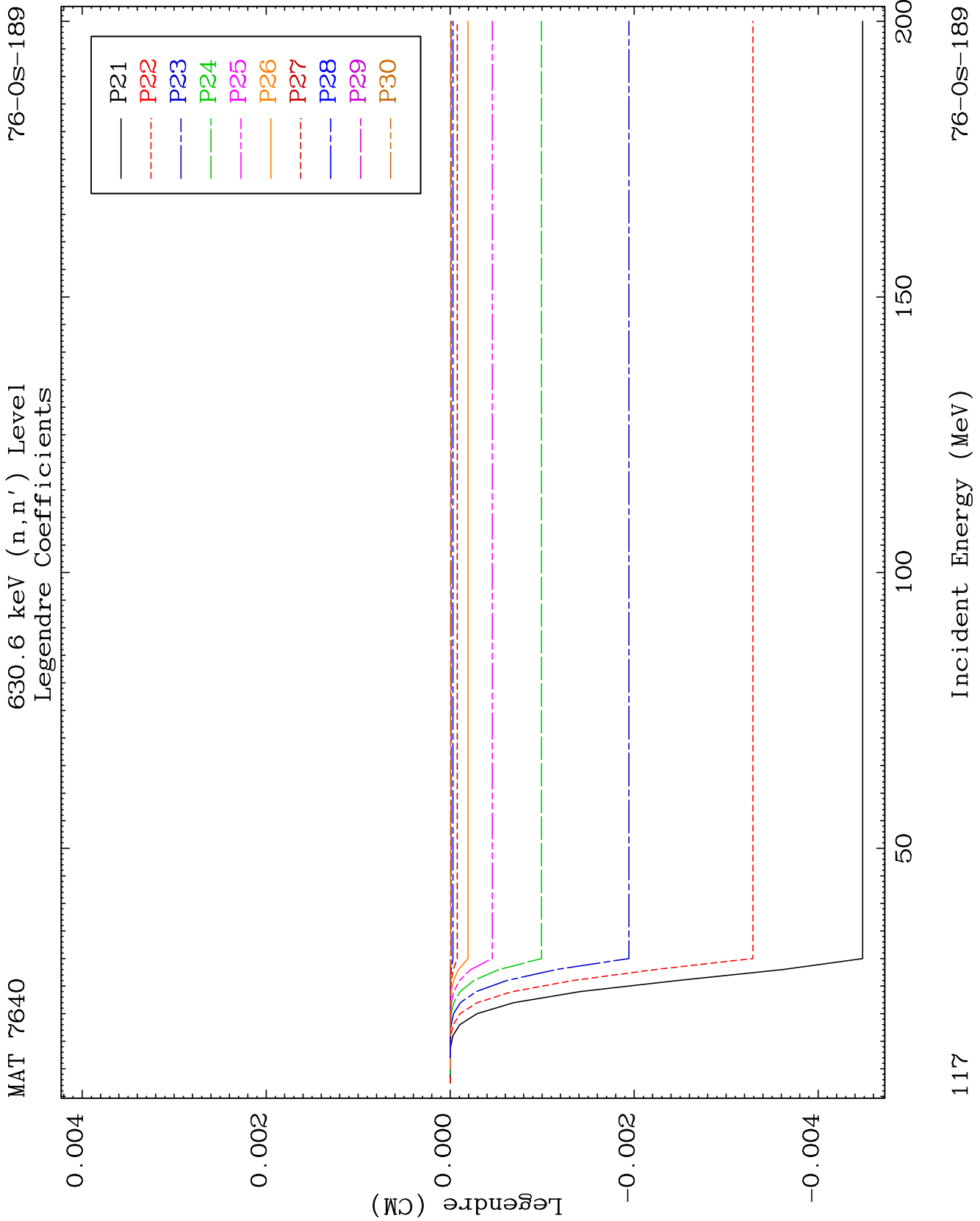
76-Os-189

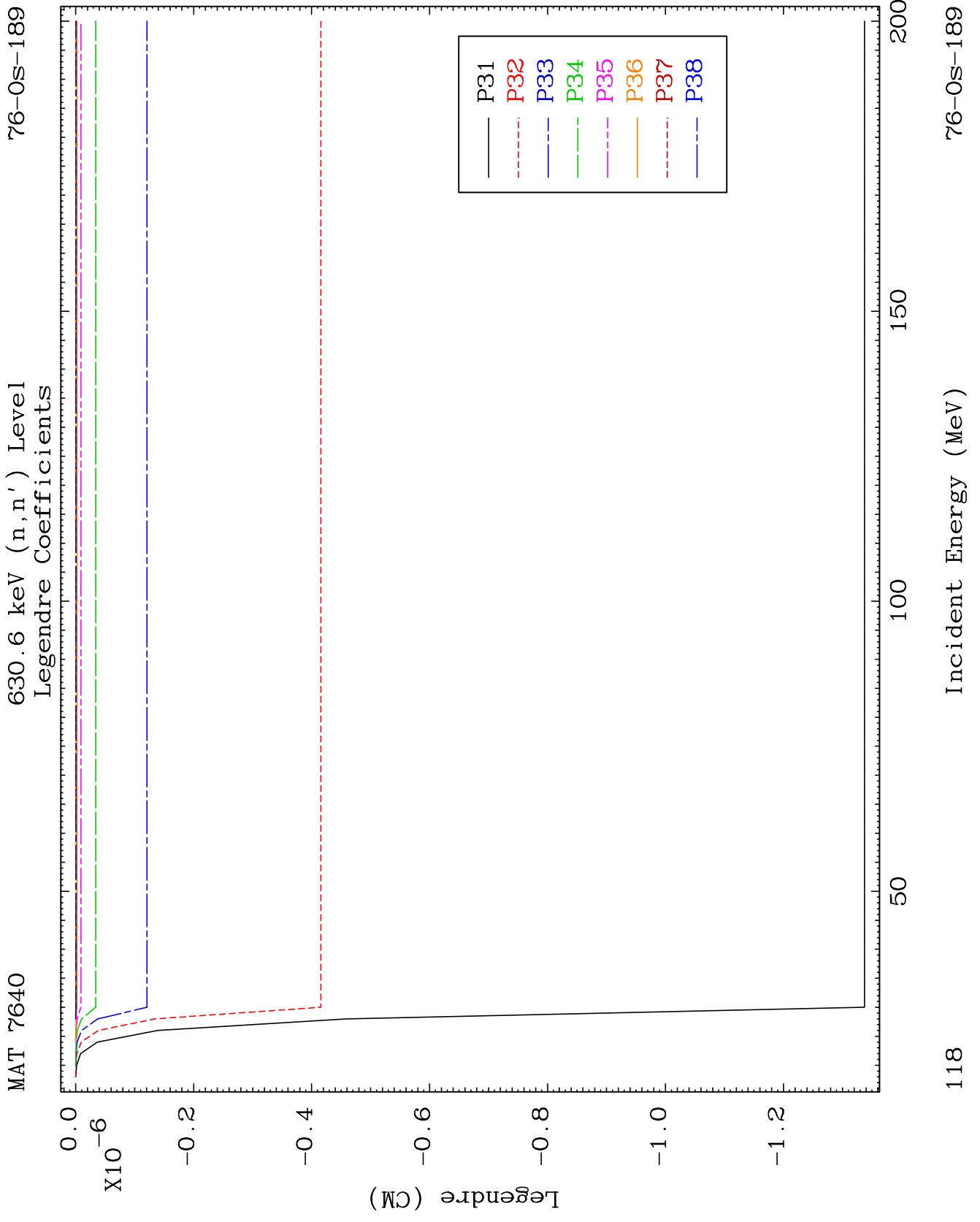


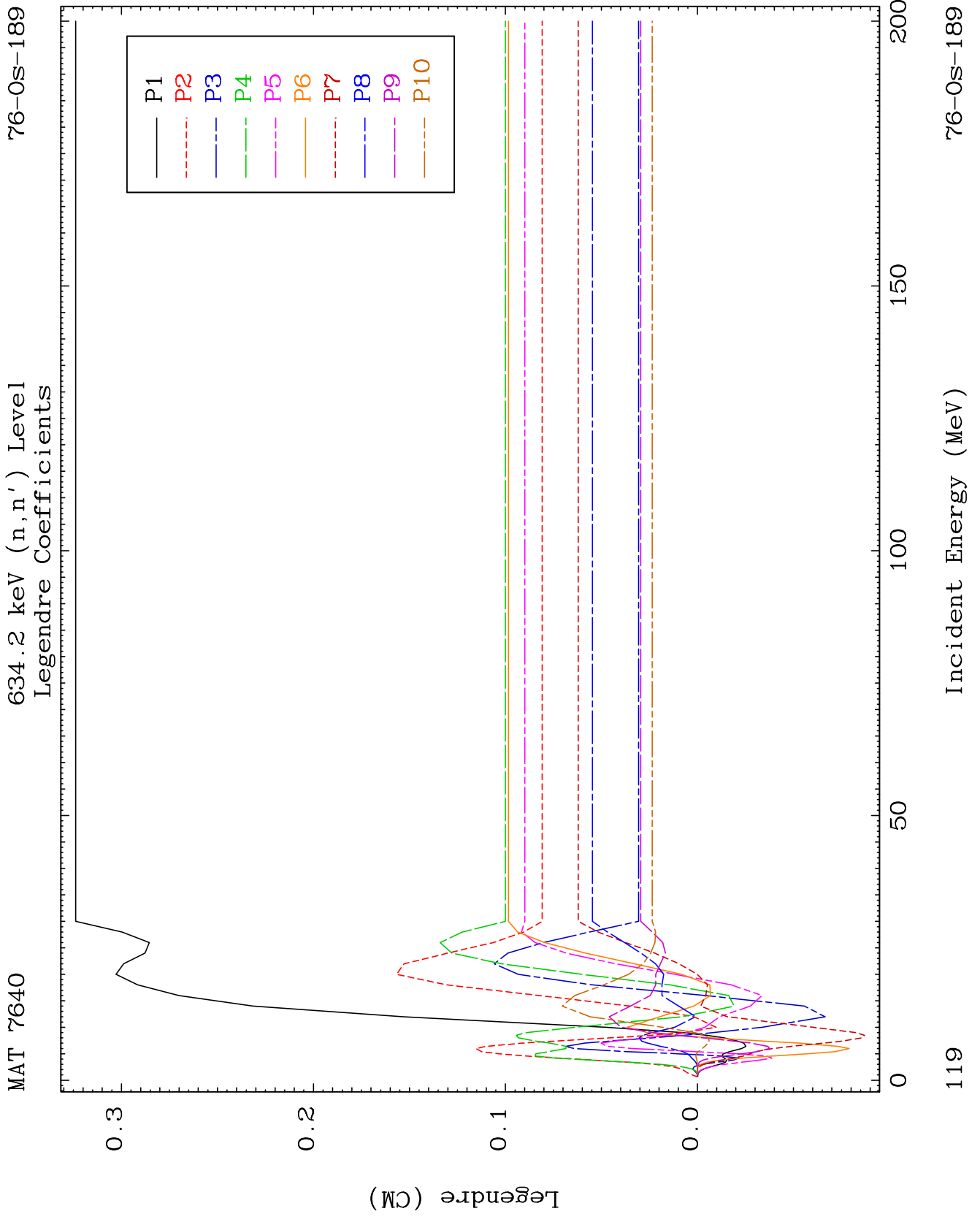
116

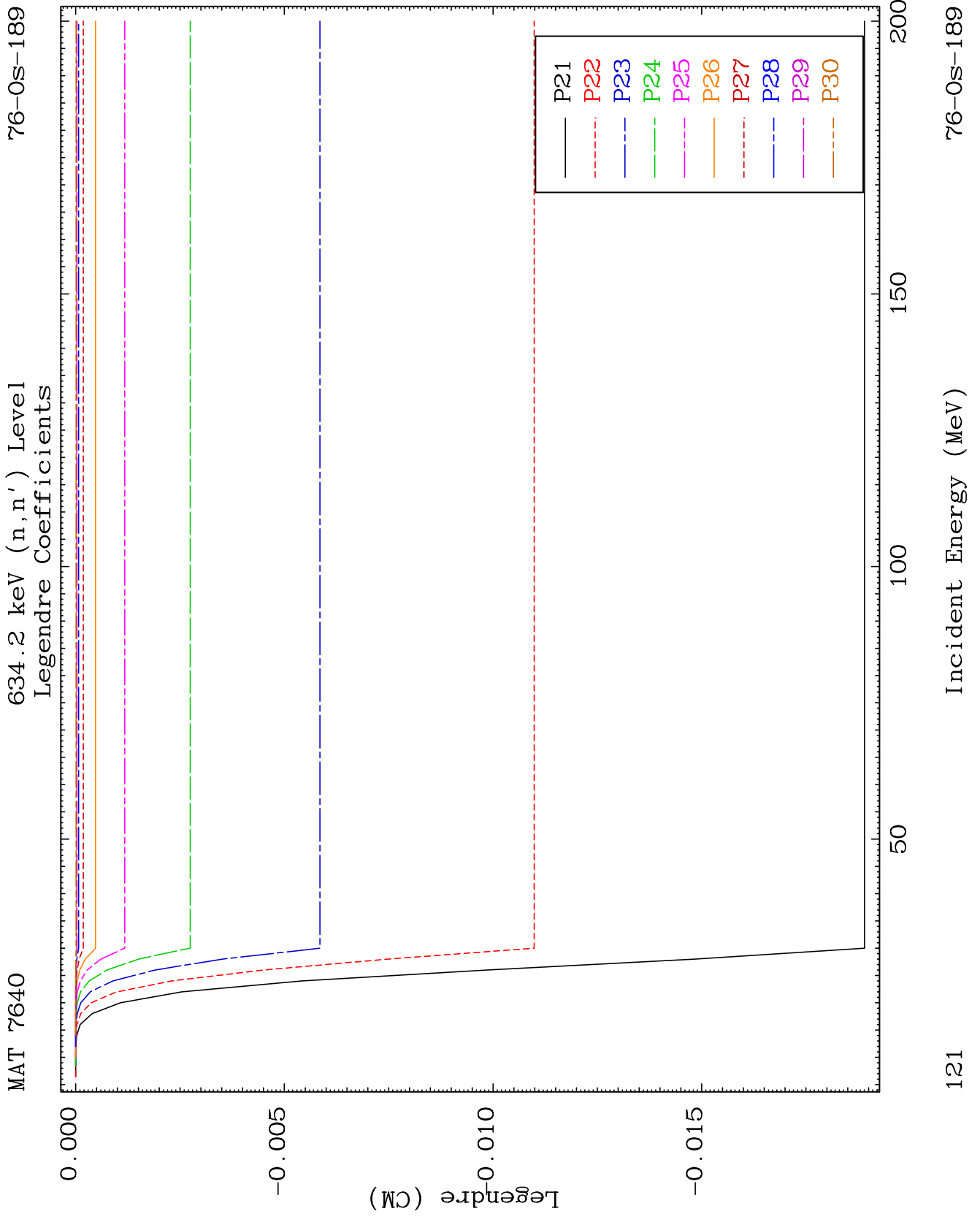
Incident Energy (MeV)

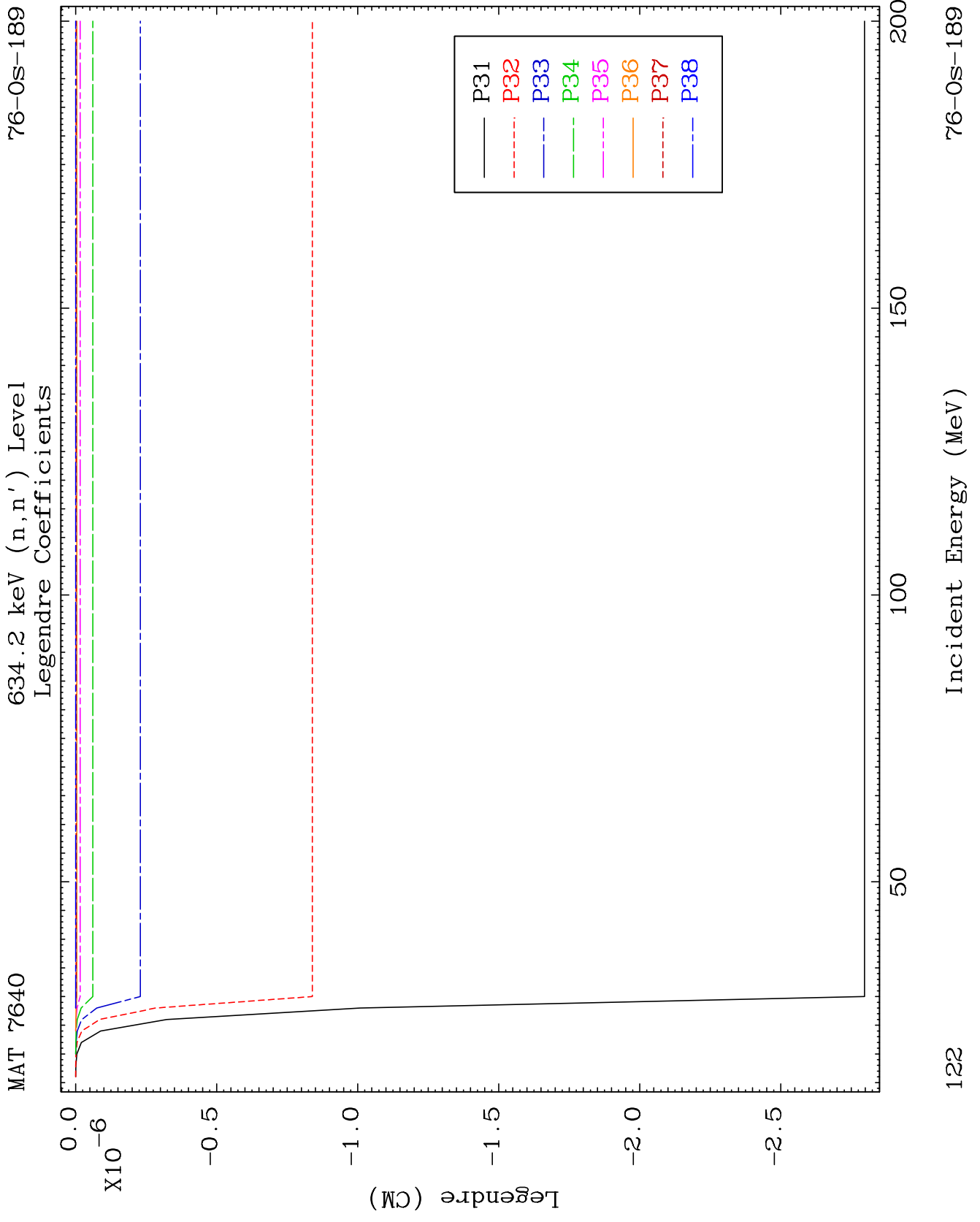
76-Os-189







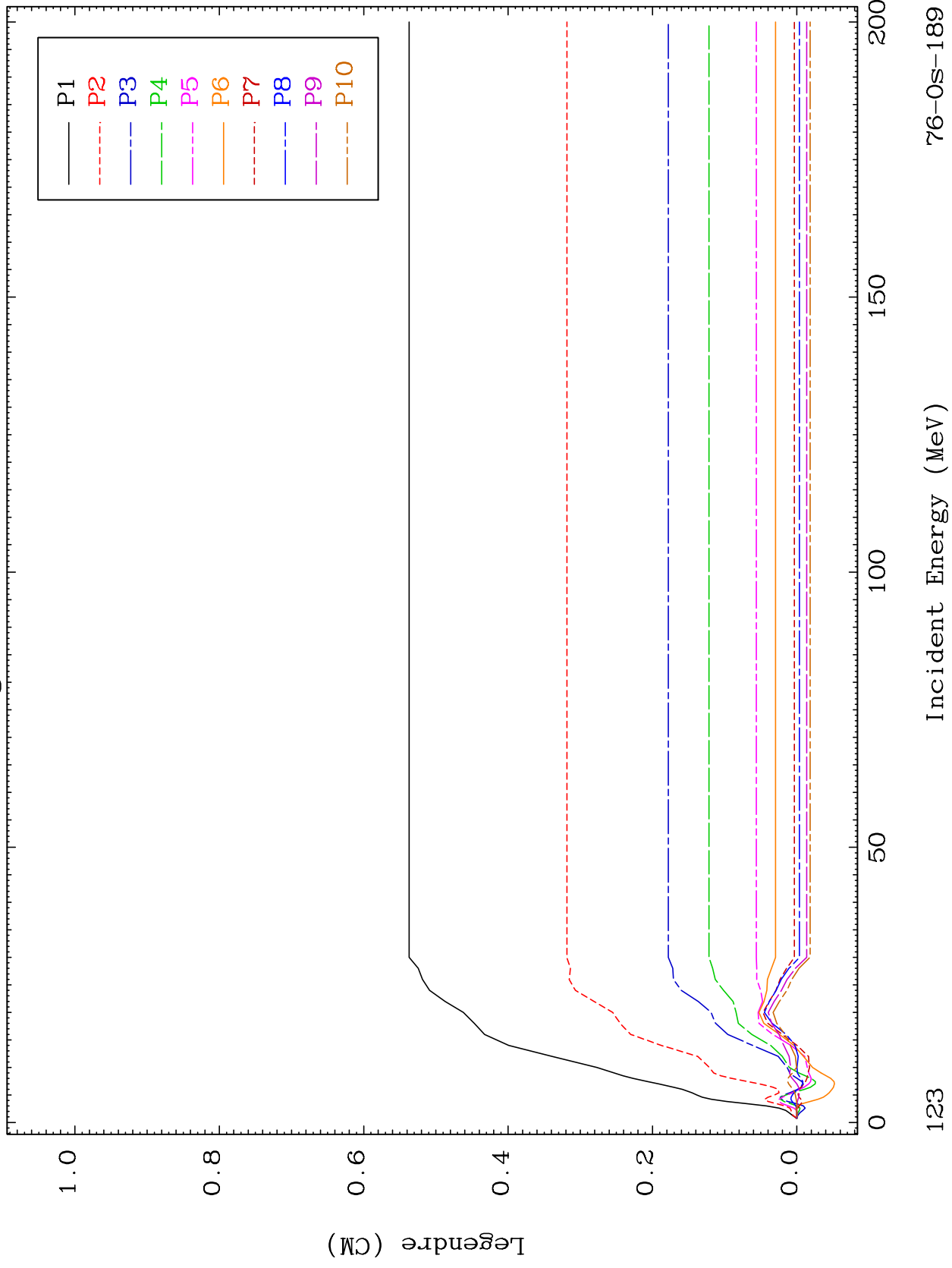




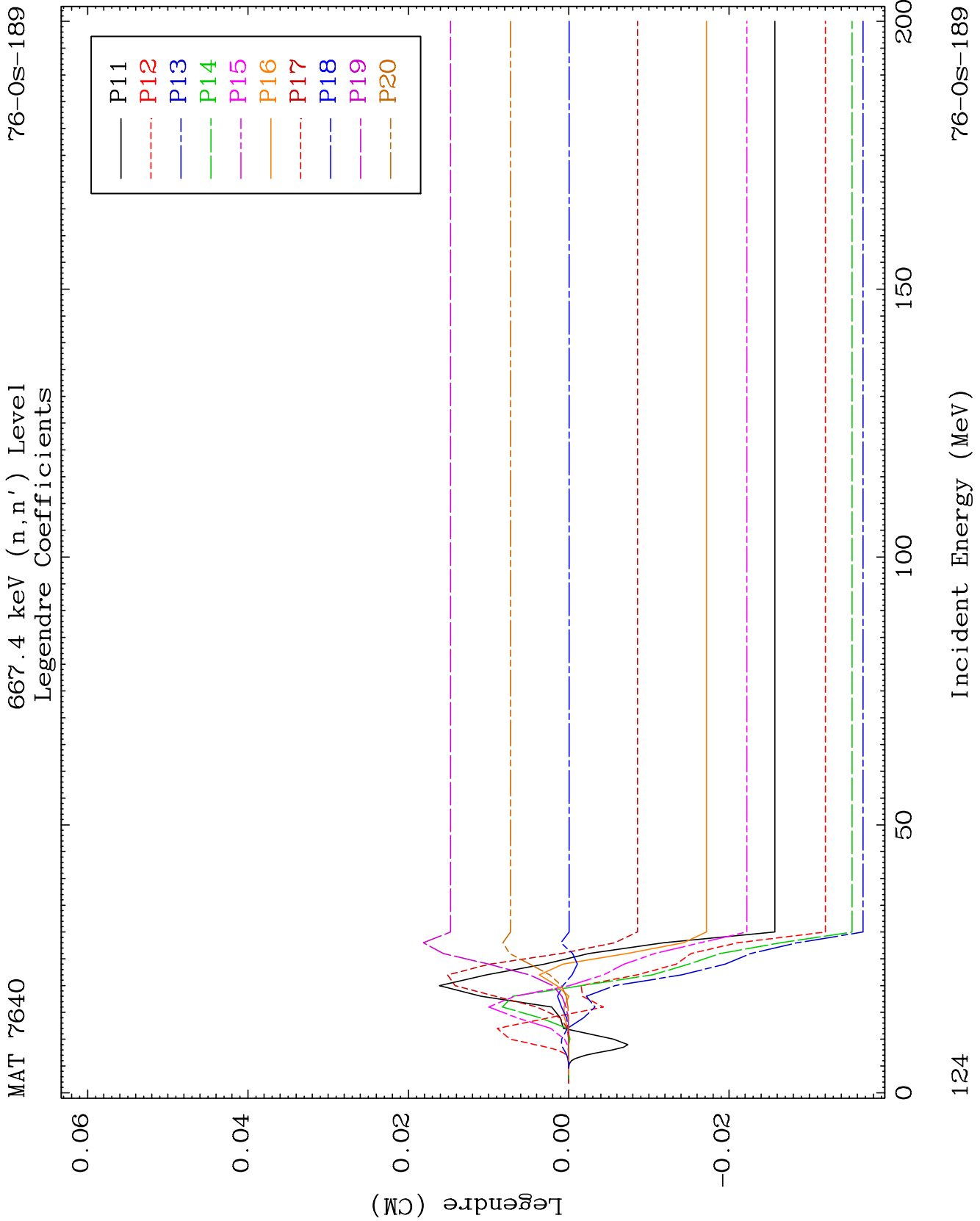
MAT 7640

667.4 keV (n,n') Level
Legendre Coefficients

76-Os-189



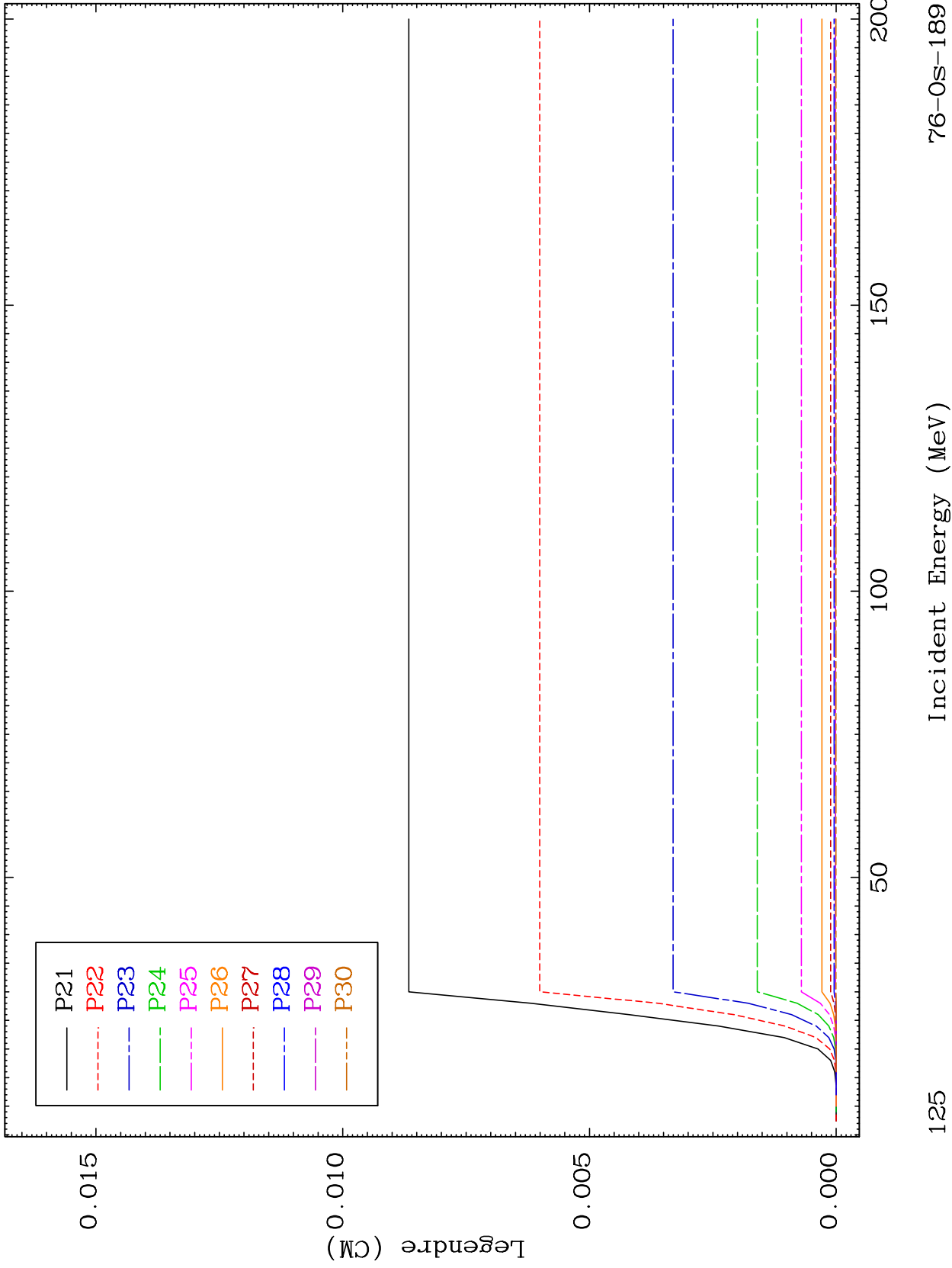
123



MAT 7640

667.4 keV (n,n') Level
Legendre Coefficients

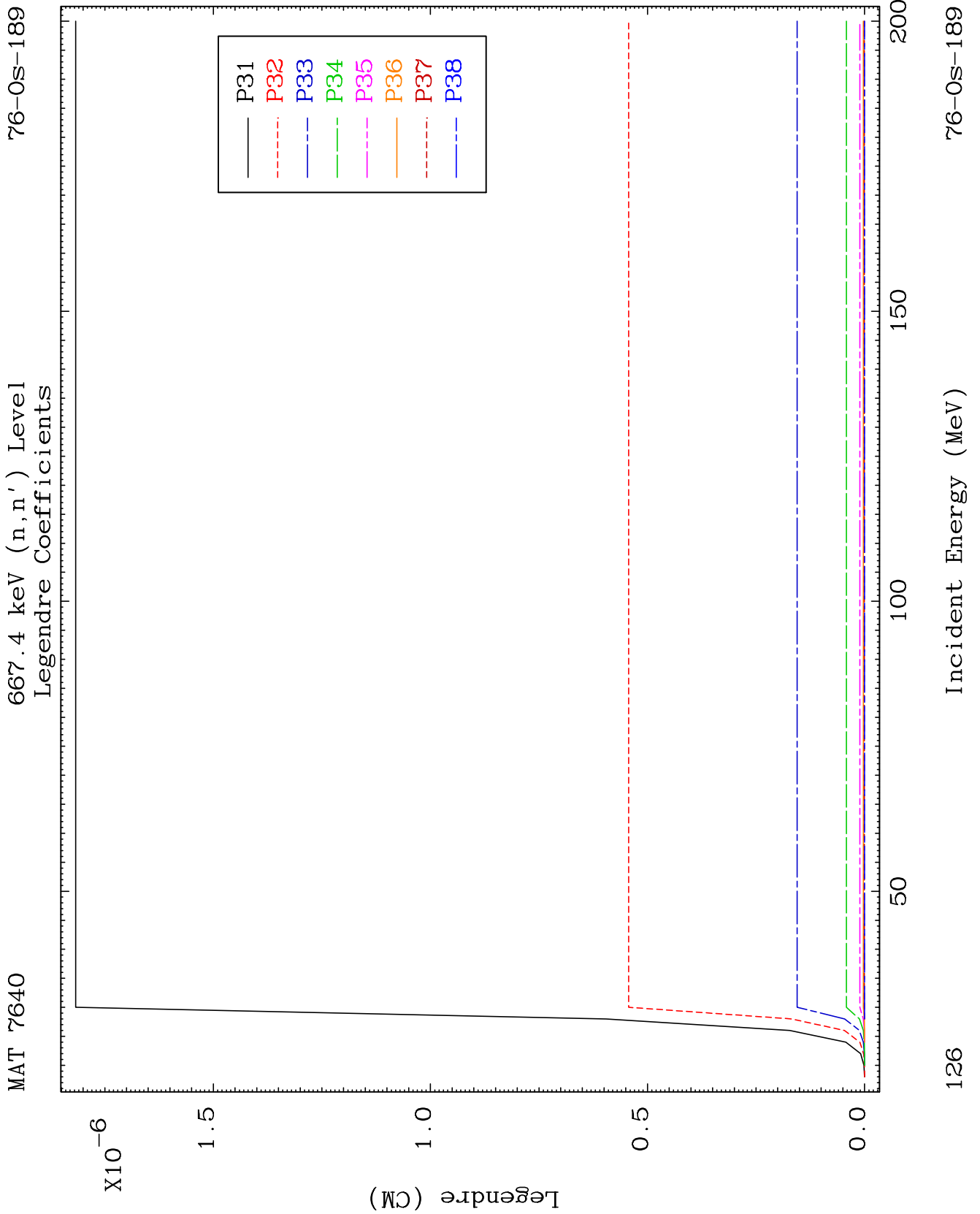
76-Os-189



125

Incident Energy (MeV)

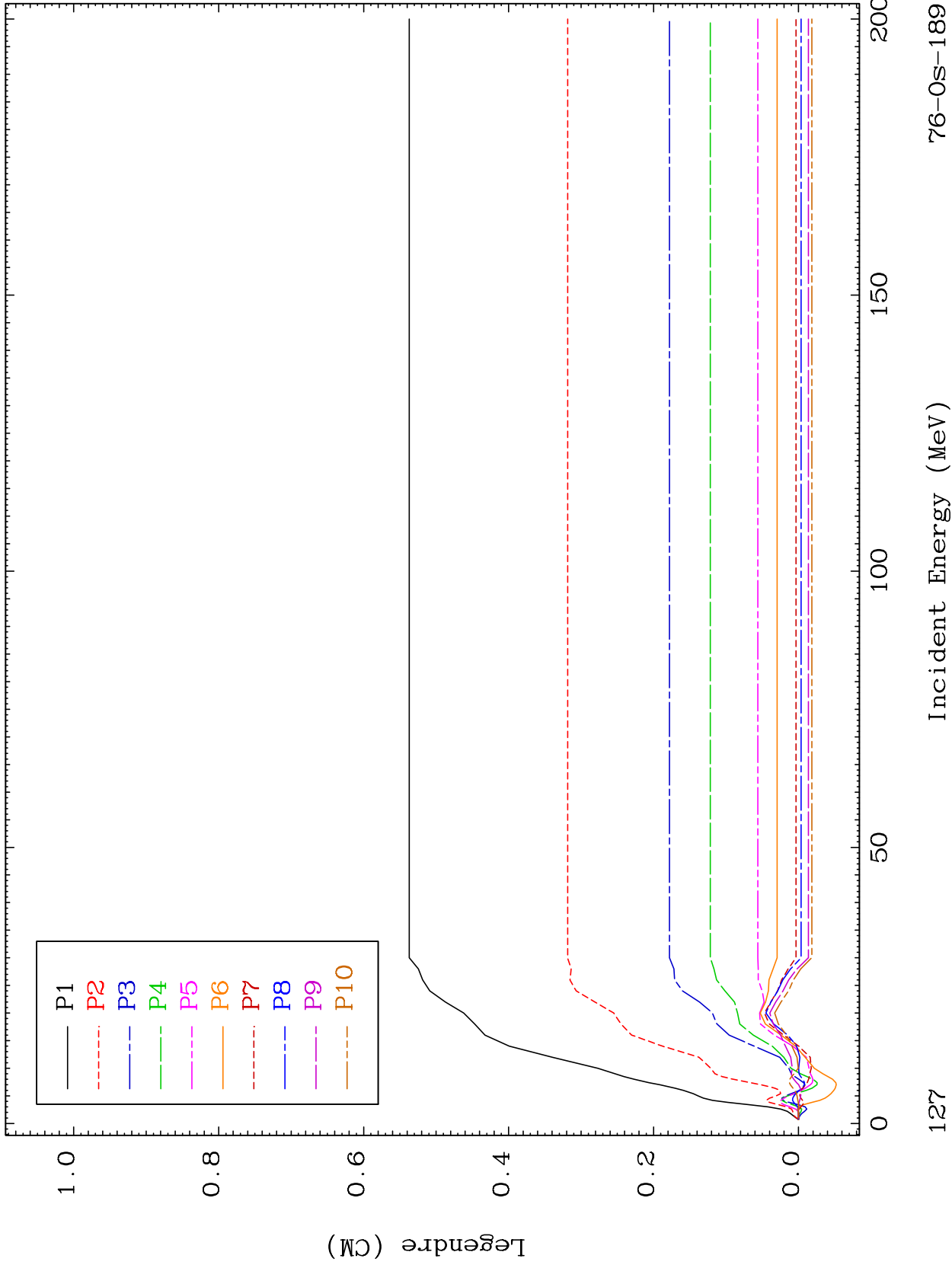
76-Os-189

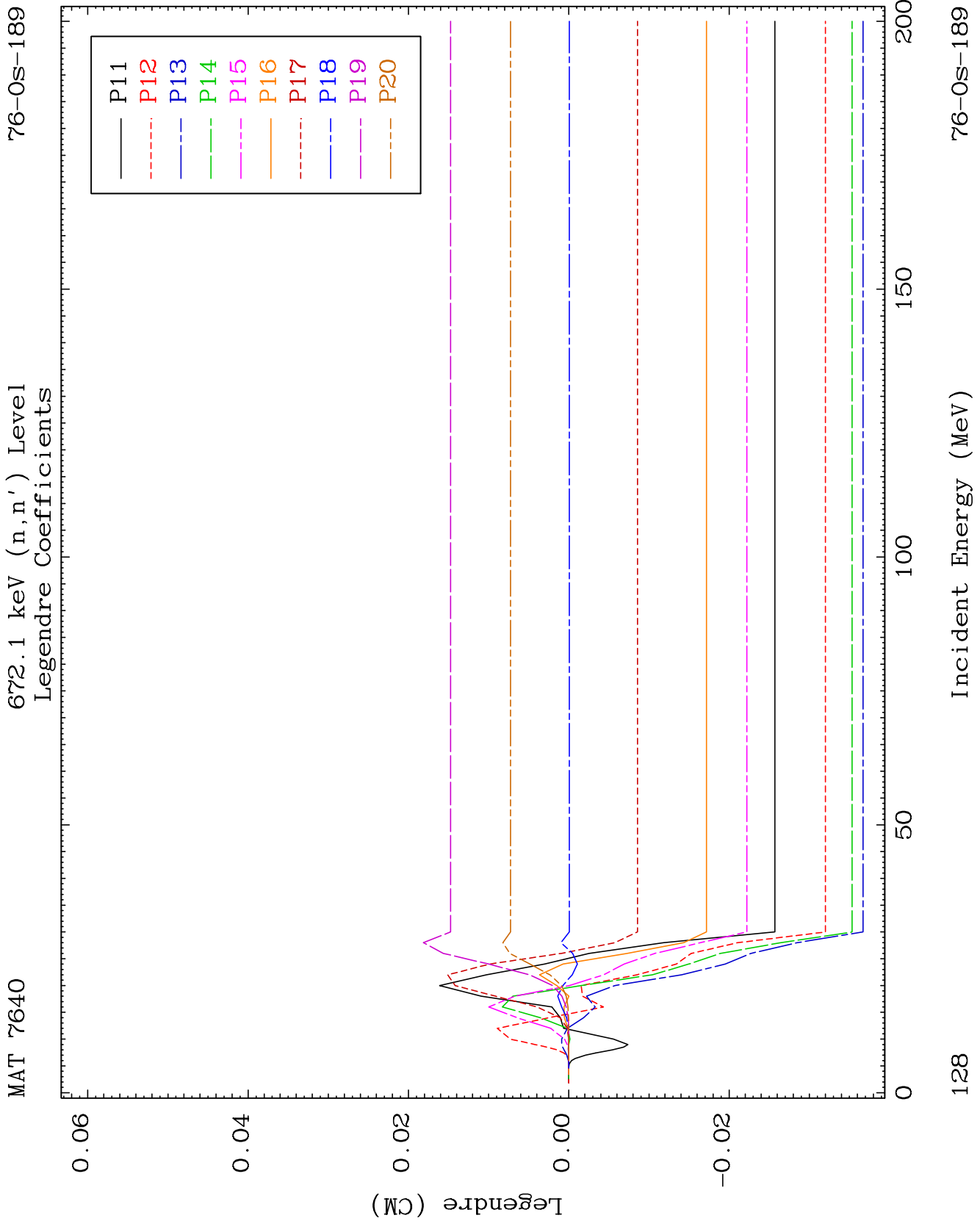


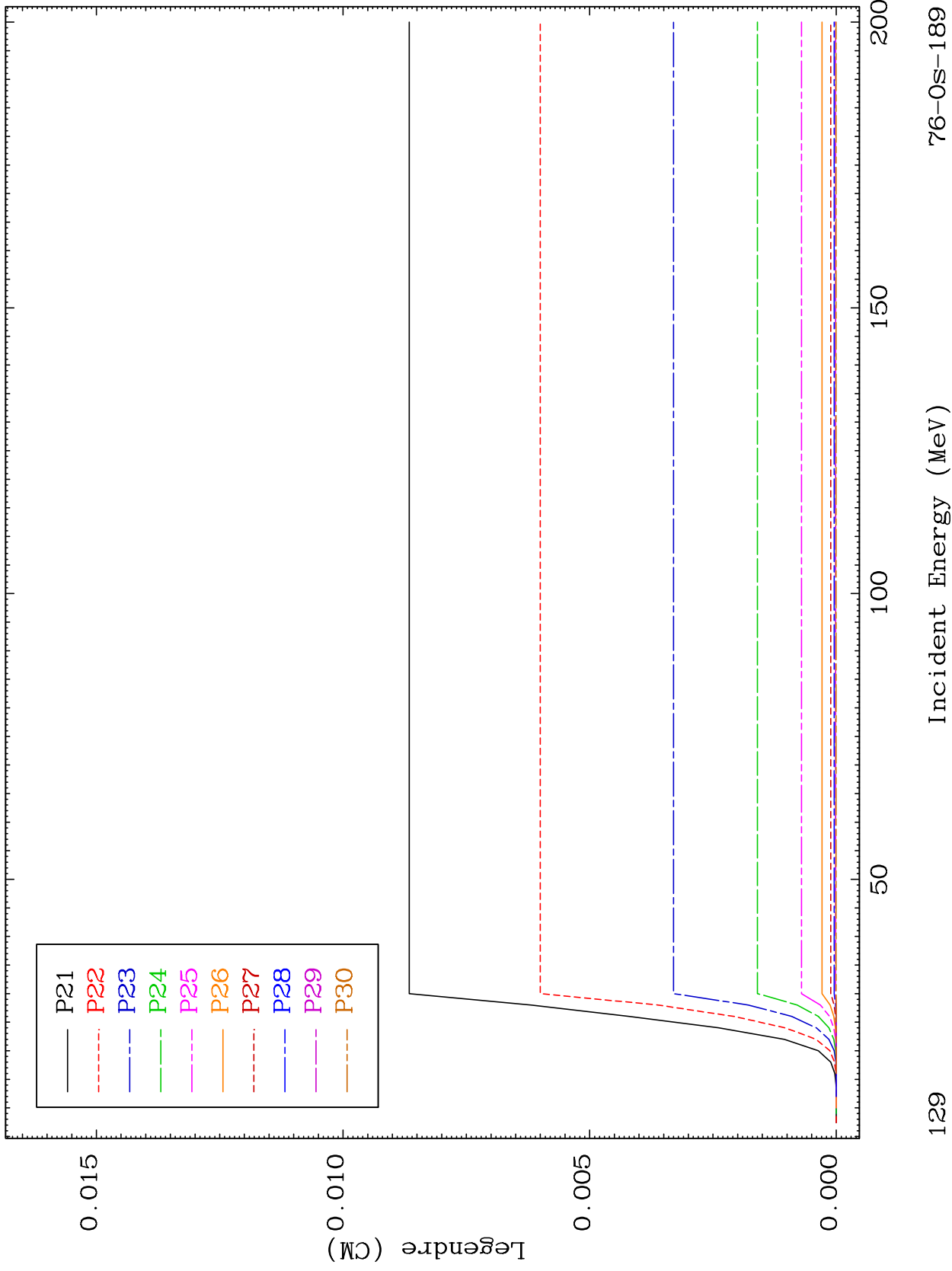
MAT 7640

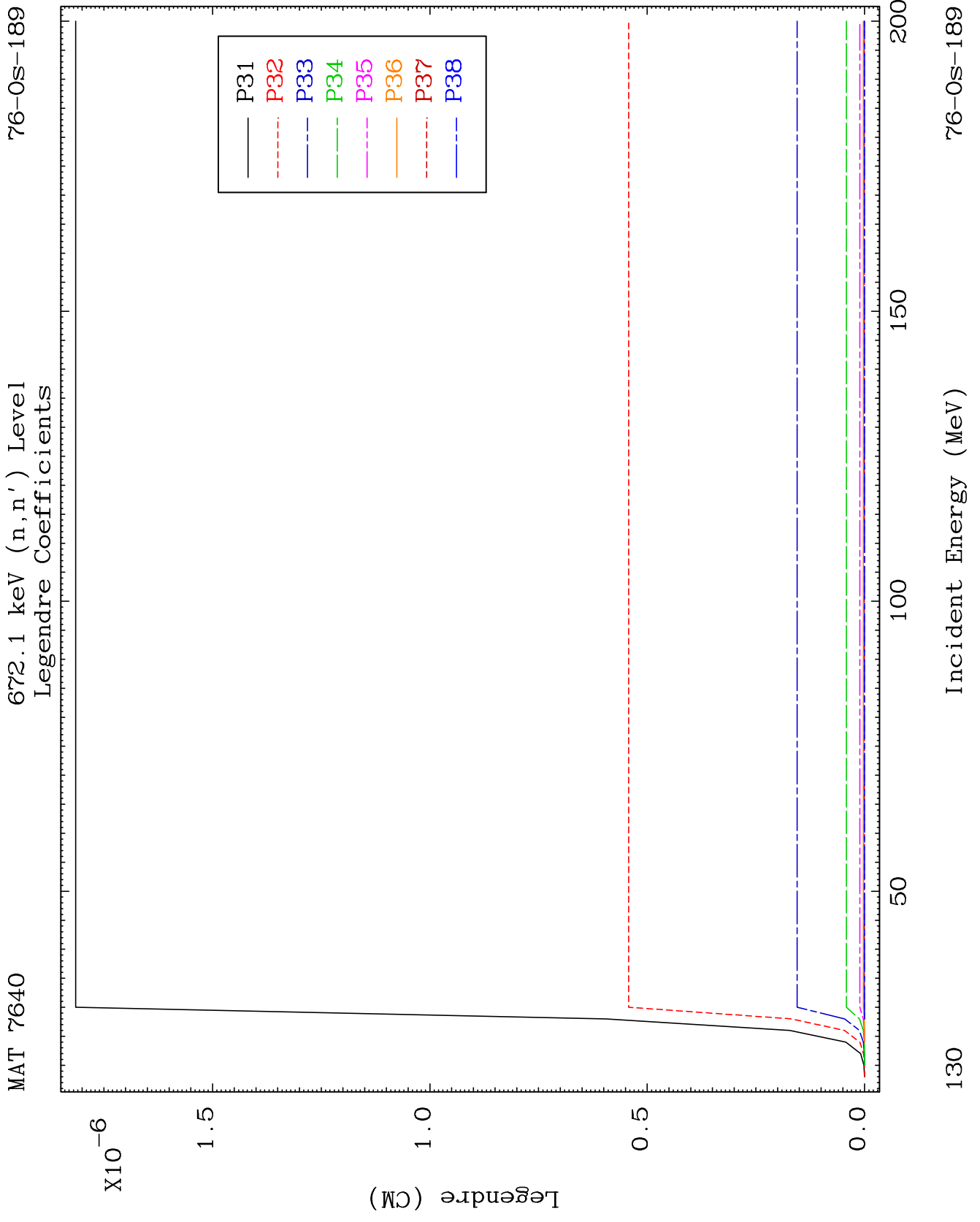
672.1 keV (n,n') Level
Legendre Coefficients

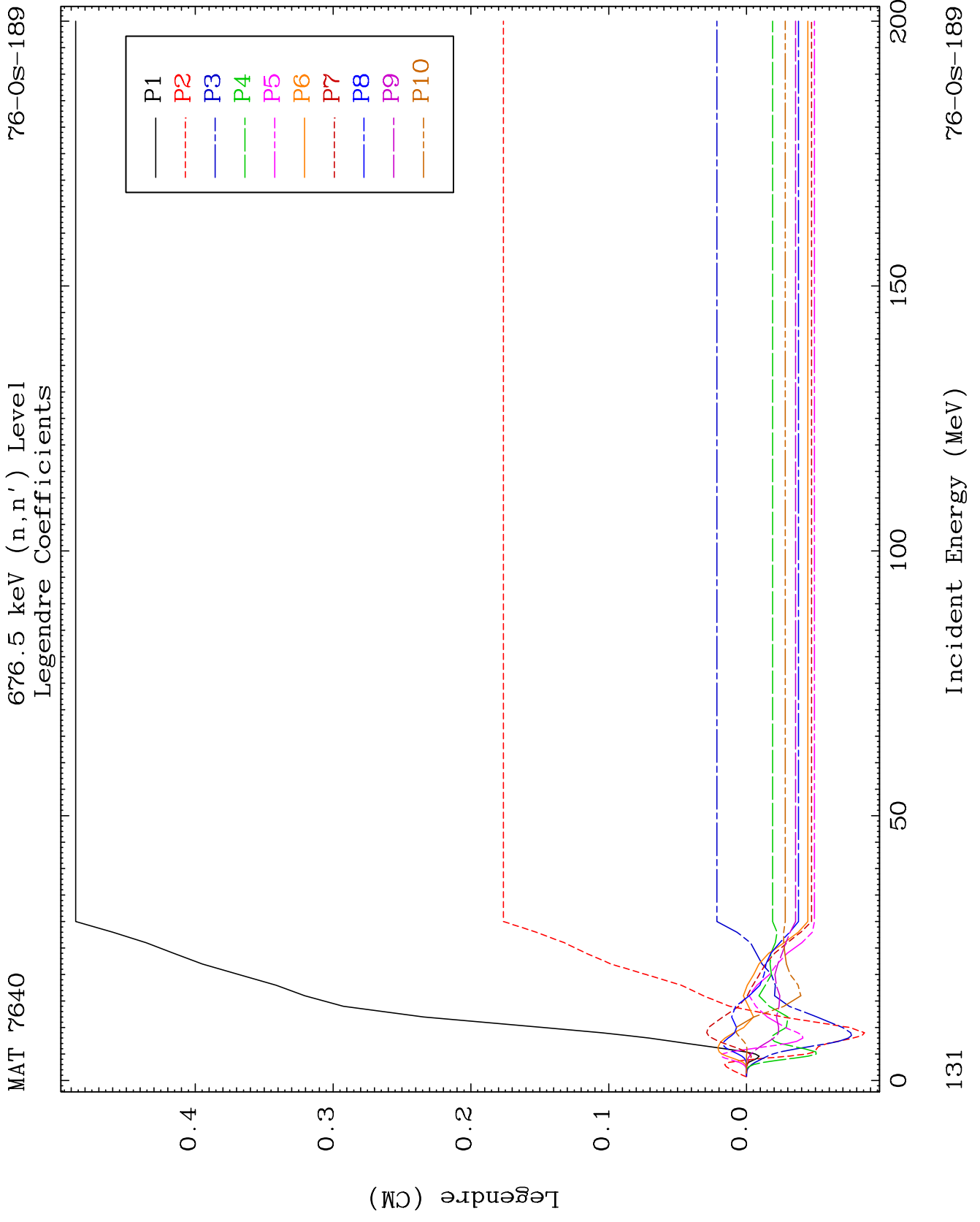
76-Os-189







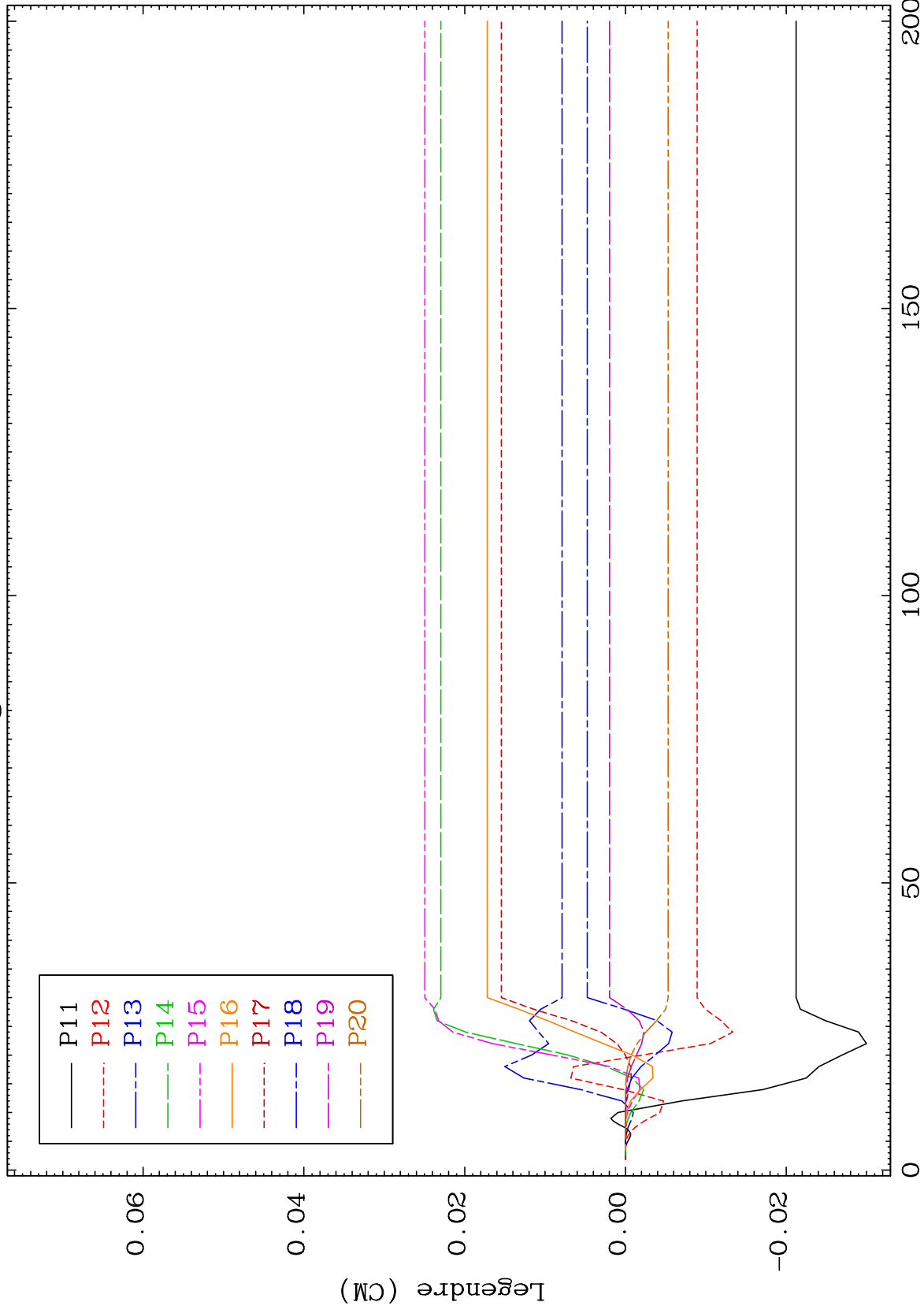




MAT 7640

676.5 keV (n,n') Level
Legendre Coefficients

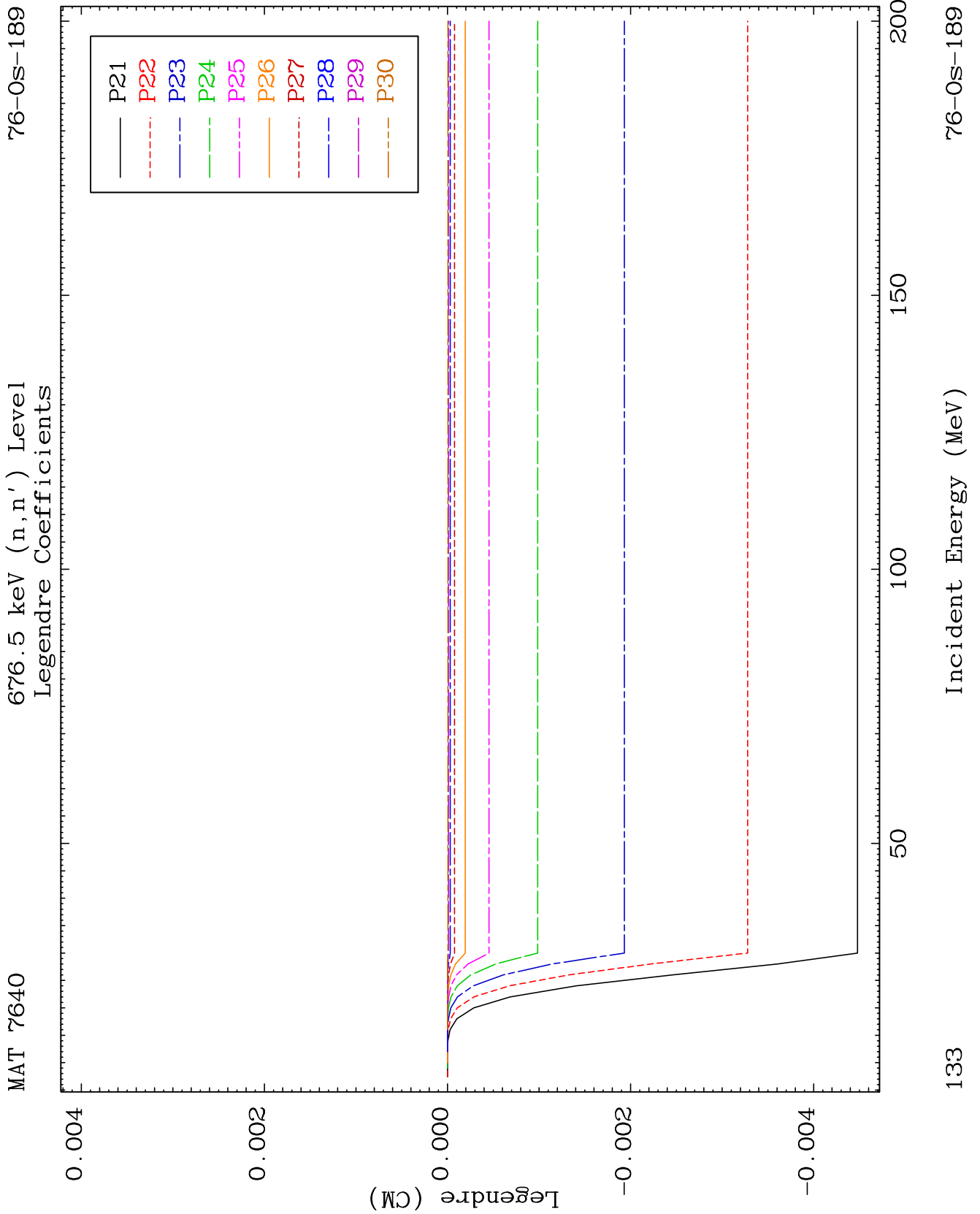
76-Os-189

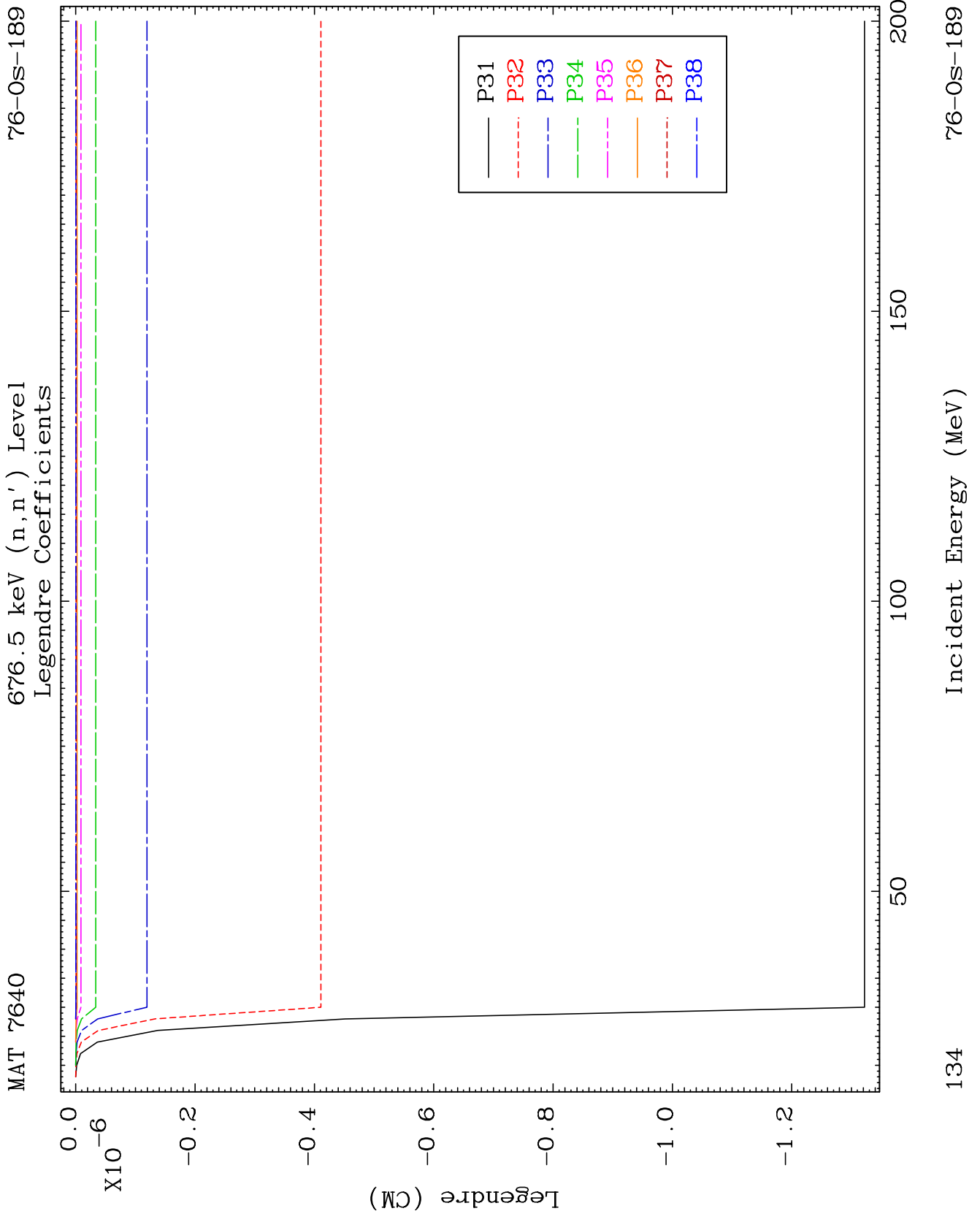


76-Os-189

Incident Energy (MeV)

132

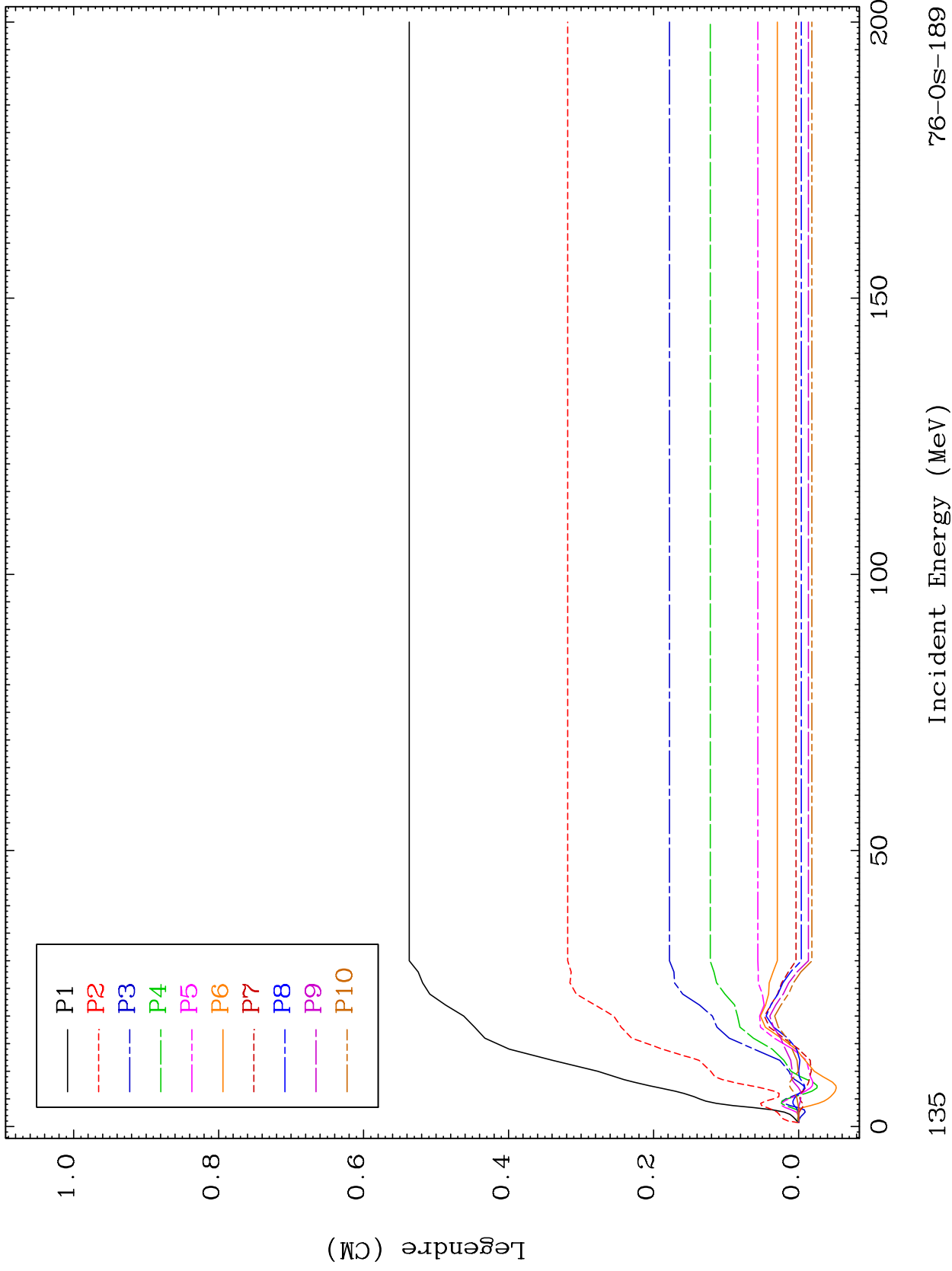




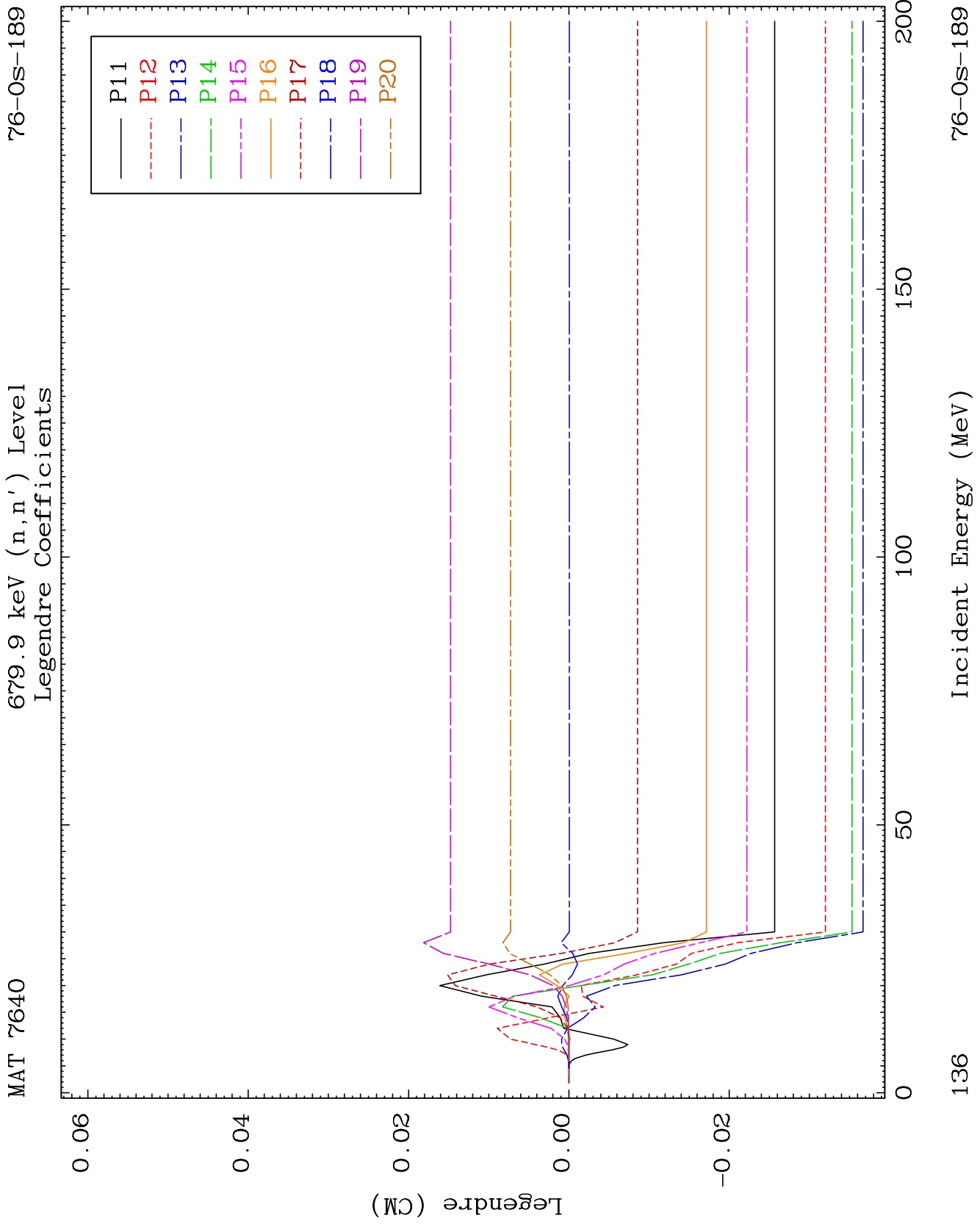
MAT 7640

679.9 keV (n,n') Level
Legendre Coefficients

76-0s-189



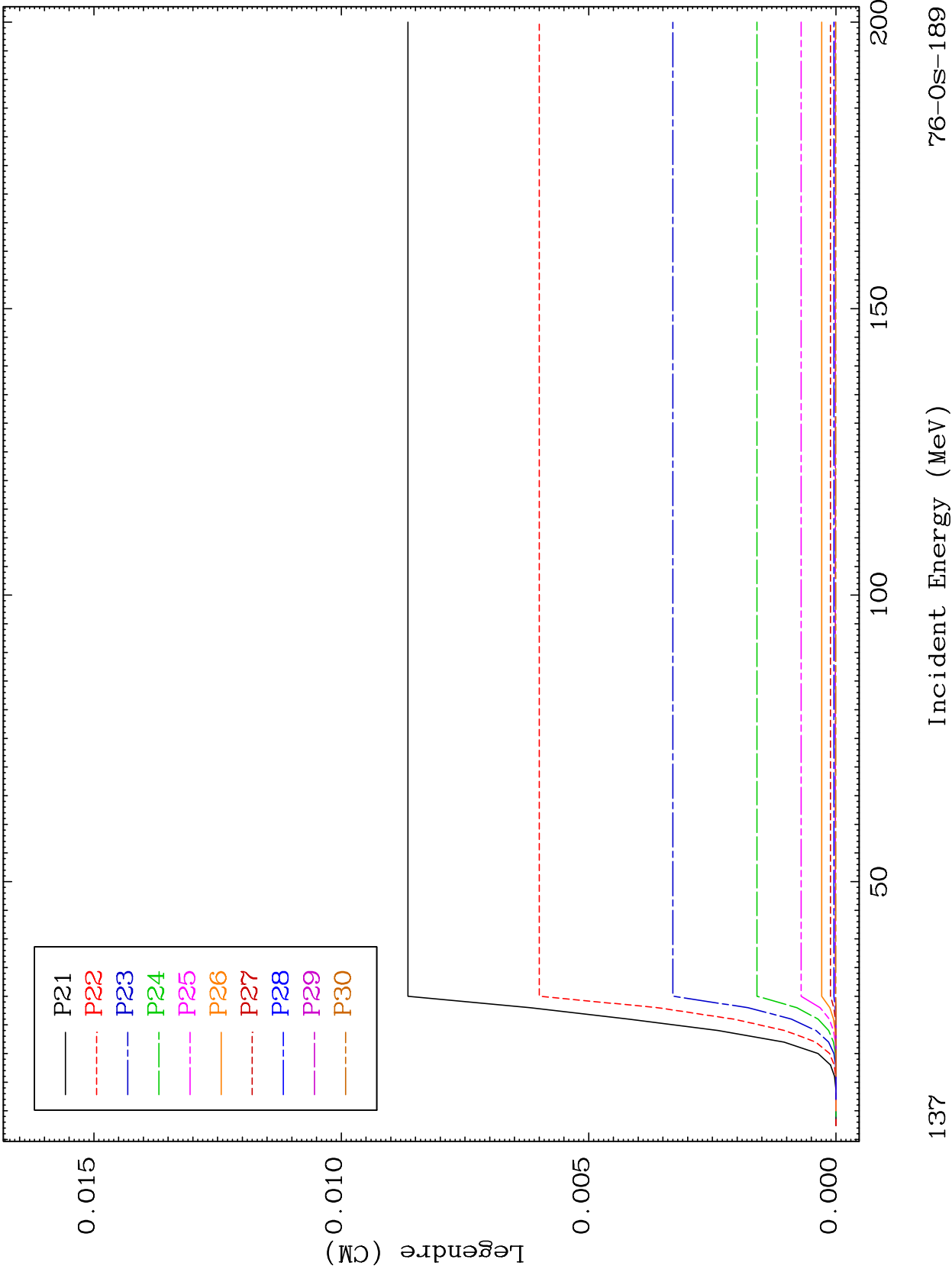
135



MAT 7640

679.9 keV (n,n') Level Legendre Coefficients

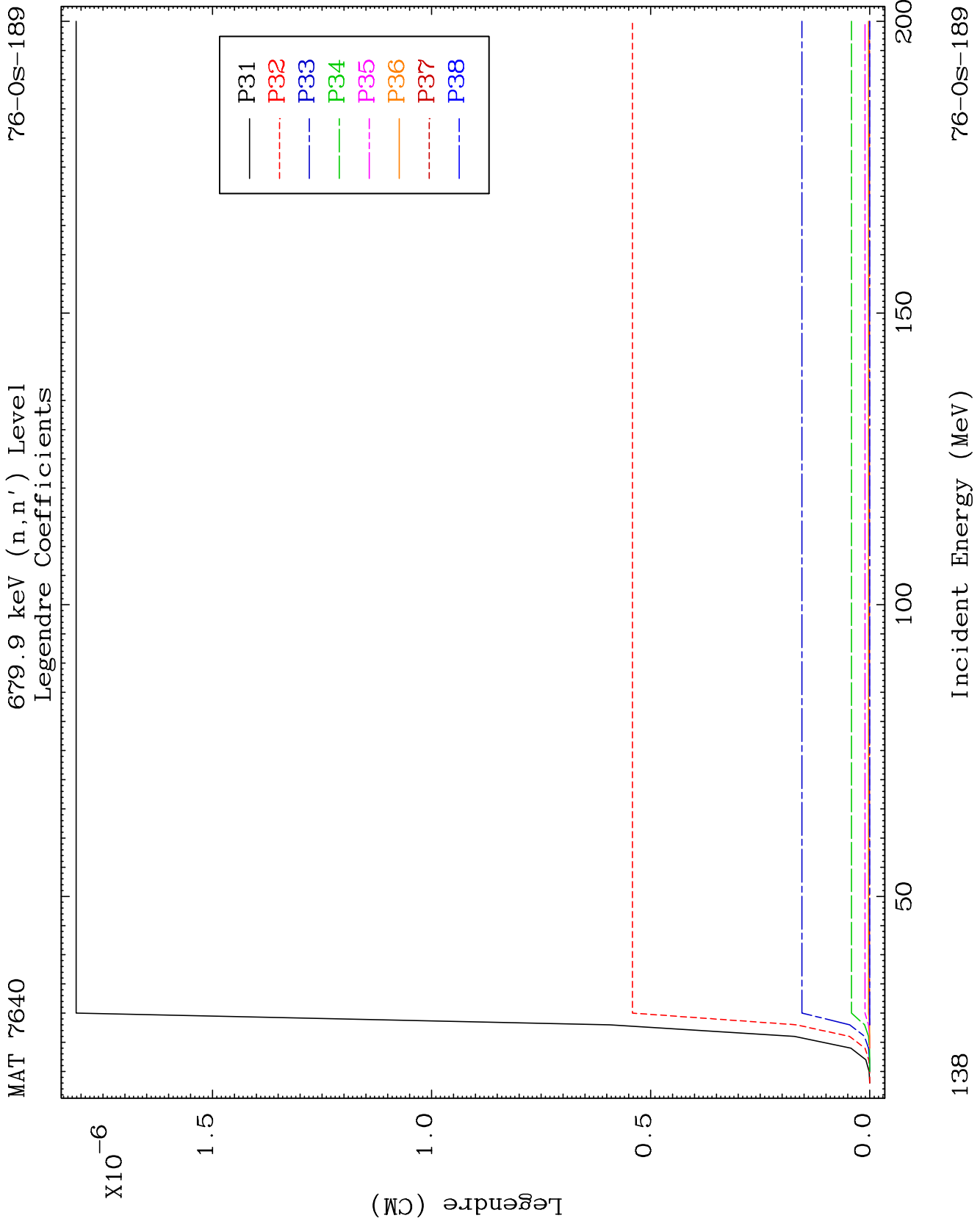
76-Os-189



137

Incident Energy (MeV)

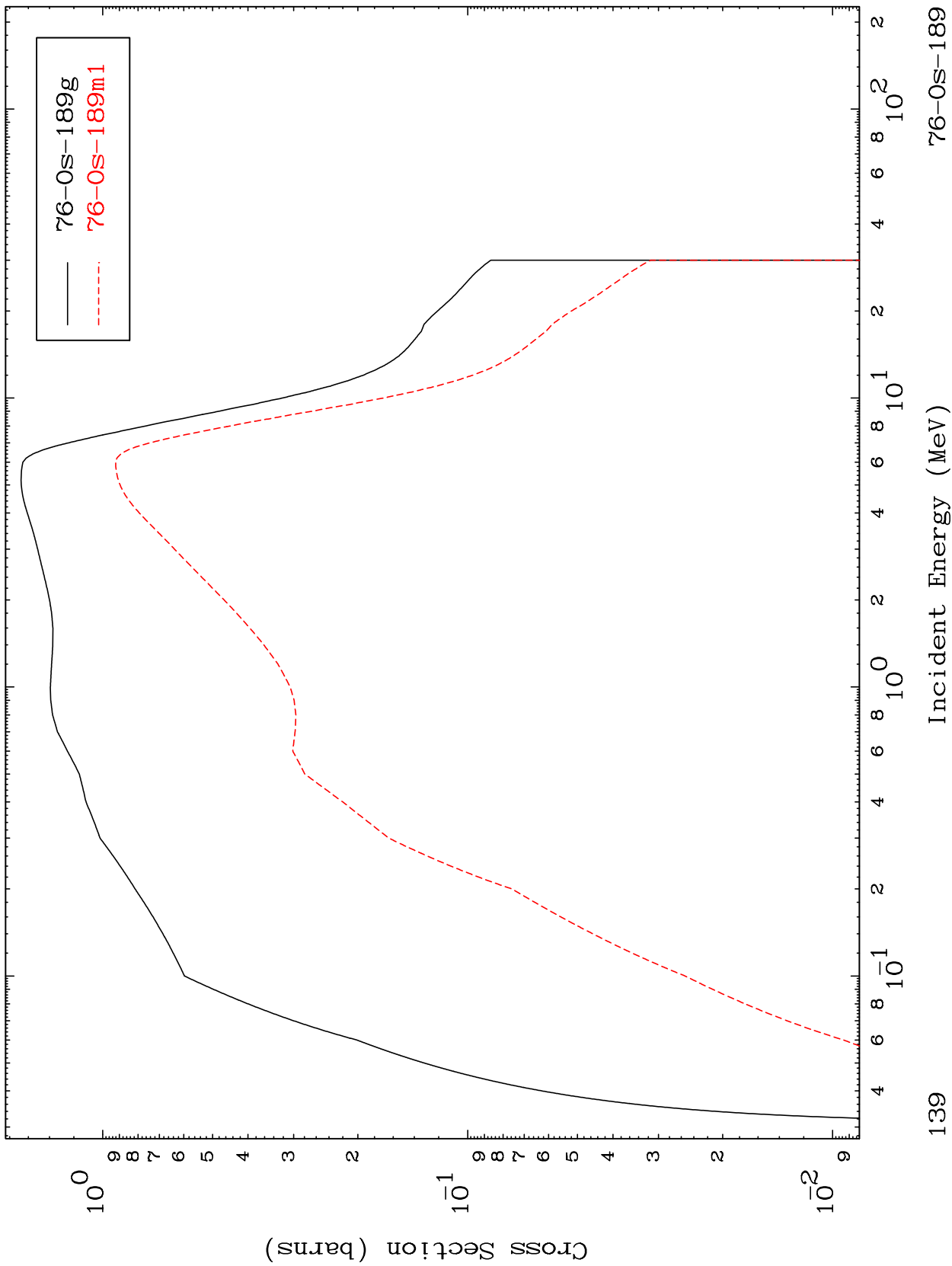
76-Os-189



MAT 7640

76-Os-189

Inelastic
Radionuclide Production Cross Section



139

76-Os-189

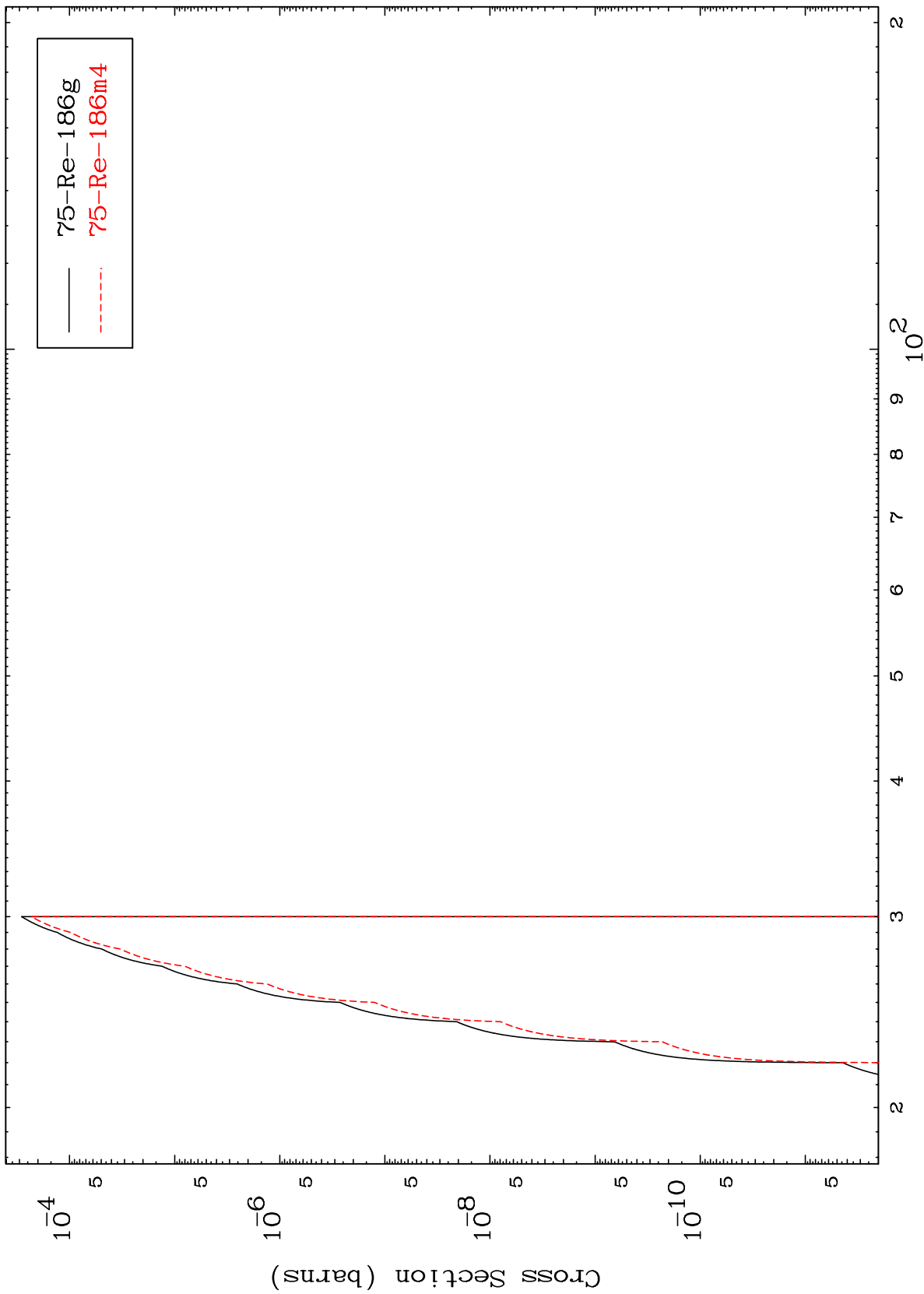
Incident Energy (MeV)

MAT 7640

(n,2n) d

76-Os-189

Radionuclide Production Cross Section



140

Incident Energy (MeV)

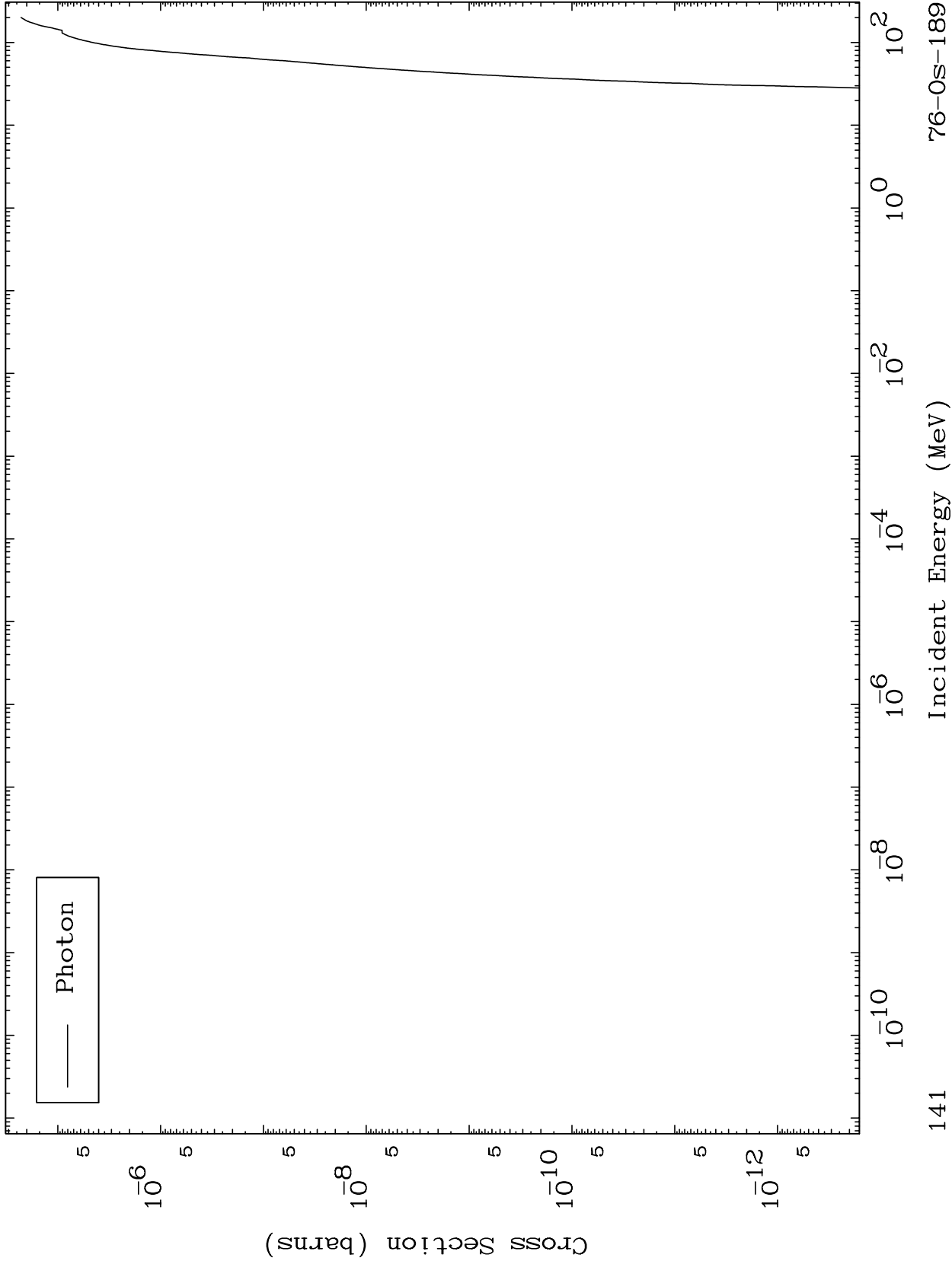
76-Os-189

MAT 7640

Fission

76-Os-189

Radionuclide Production Cross Section



141

Incident Energy (MeV)

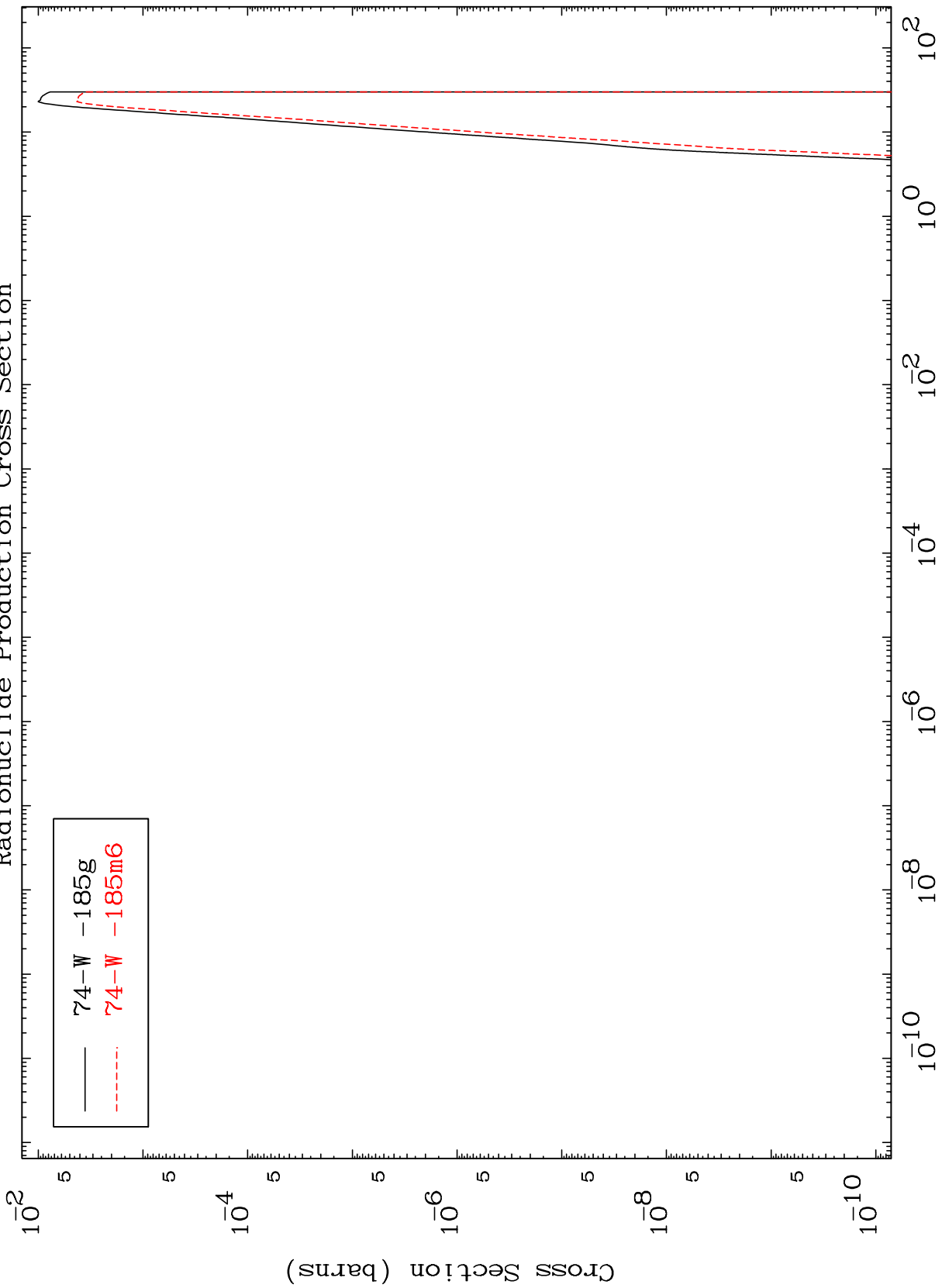
76-Os-189

MAT 7640

(n,n') α

76-Os-189

Radionuclide Production Cross Section

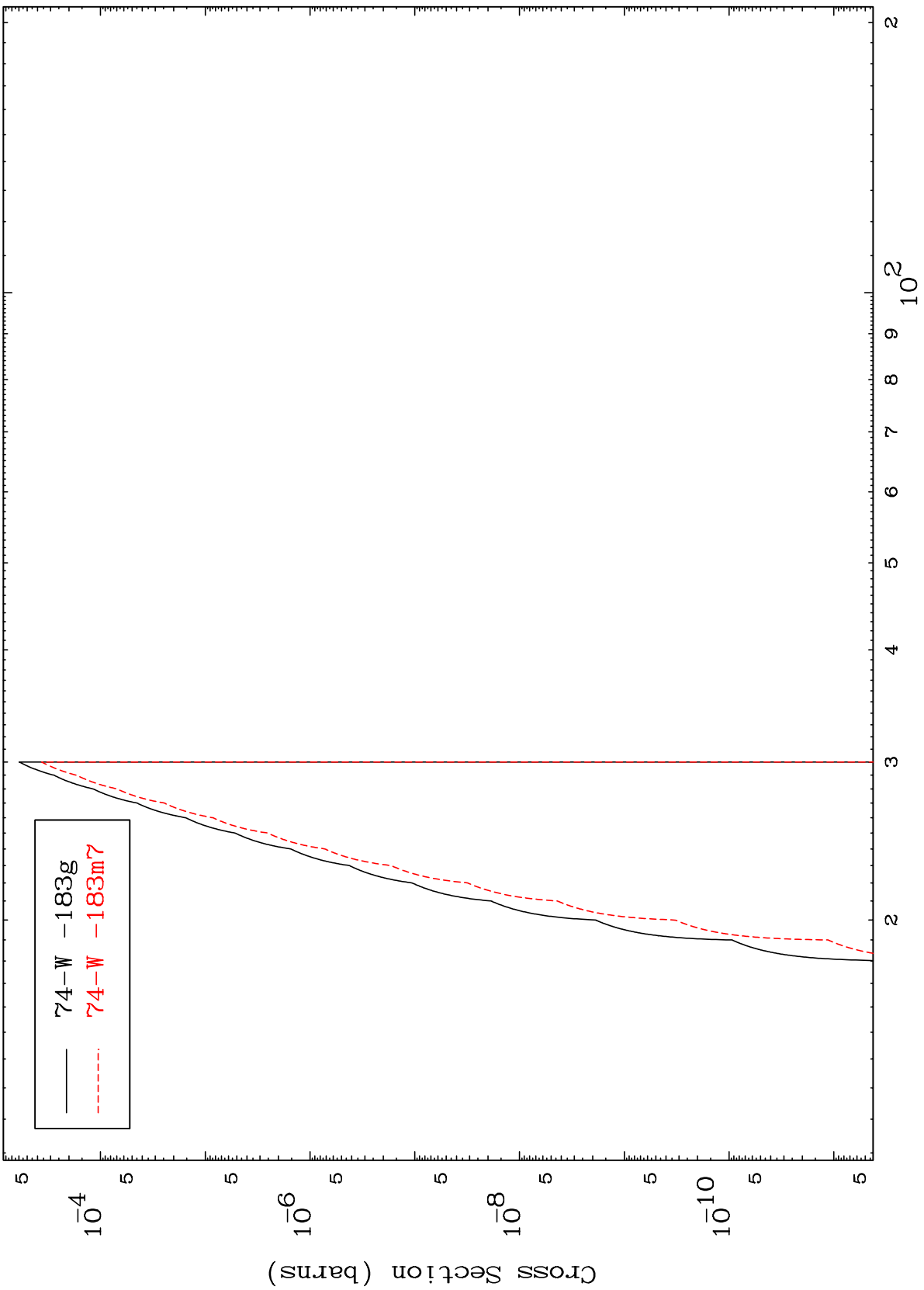


MAT 7640

(n,3n) α

76-Os-189

Radionuclide Production Cross Section



143

Incident Energy (MeV)

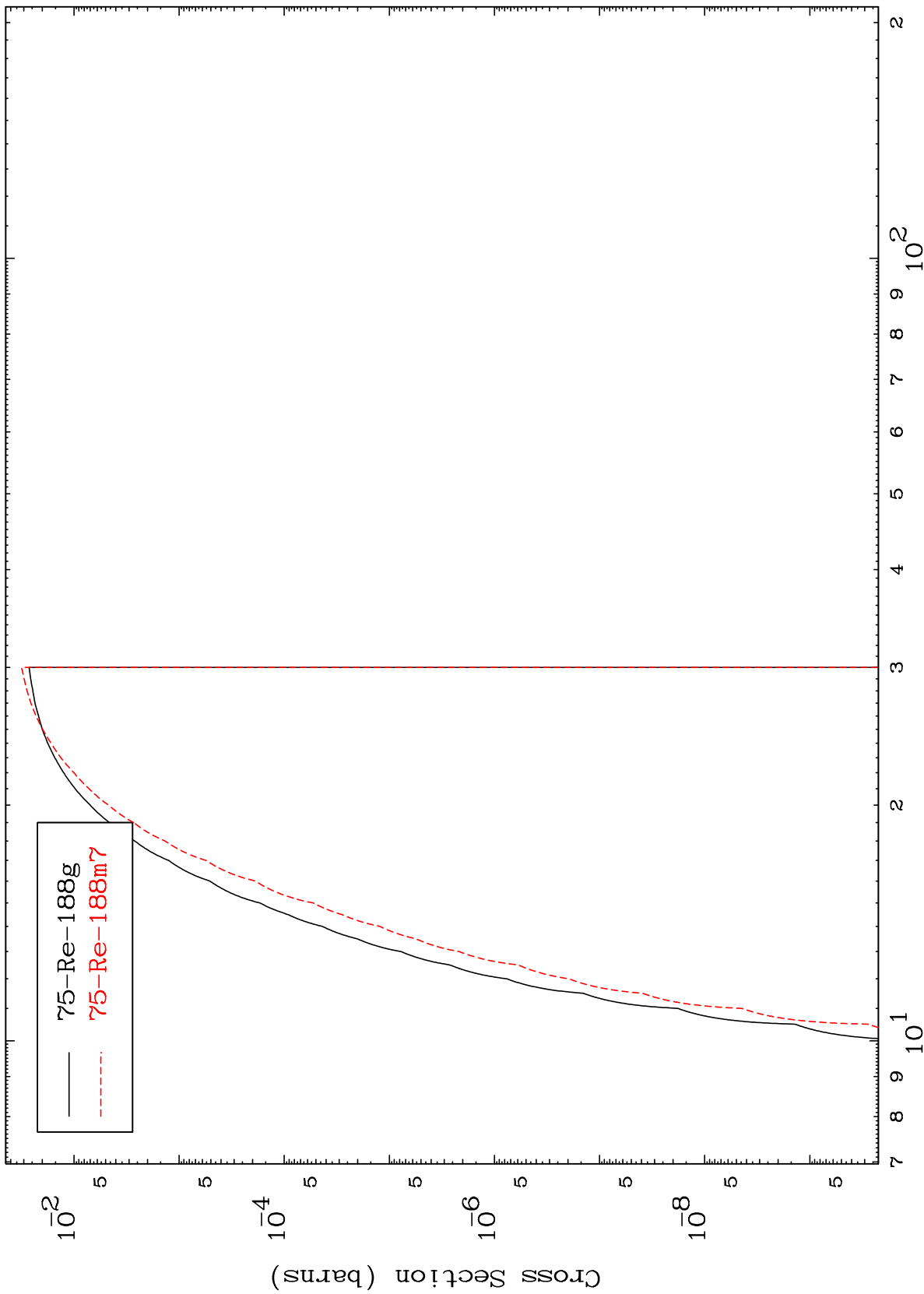
76-Os-189

MAT 7640

(n,n') p

76-Os-189

Radionuclide Production Cross Section



144

Incident Energy (MeV)

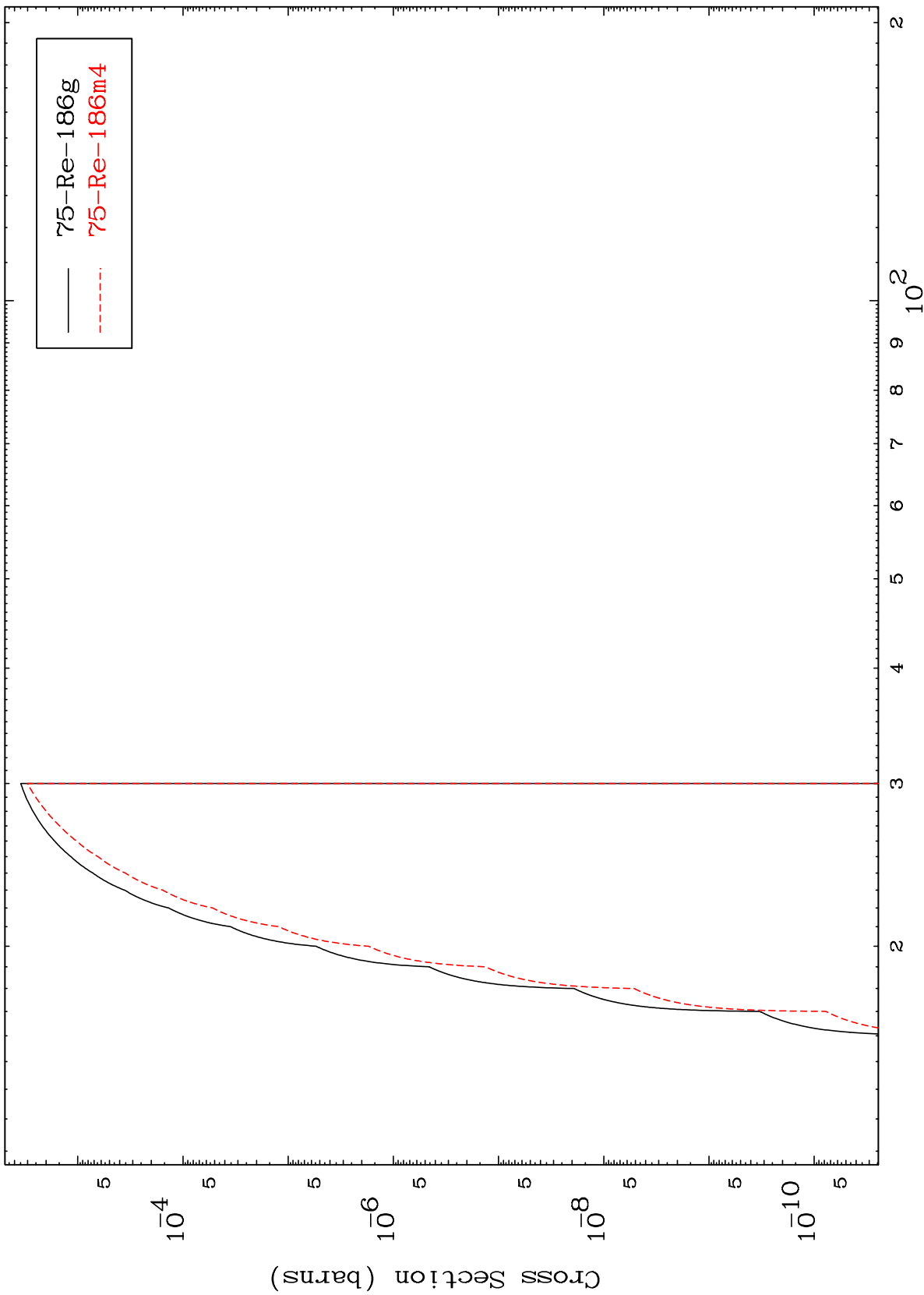
76-Os-189

MAT 7640

(n,n') t

76-Os-189

Radionuclide Production Cross Section



145

Incident Energy (MeV)

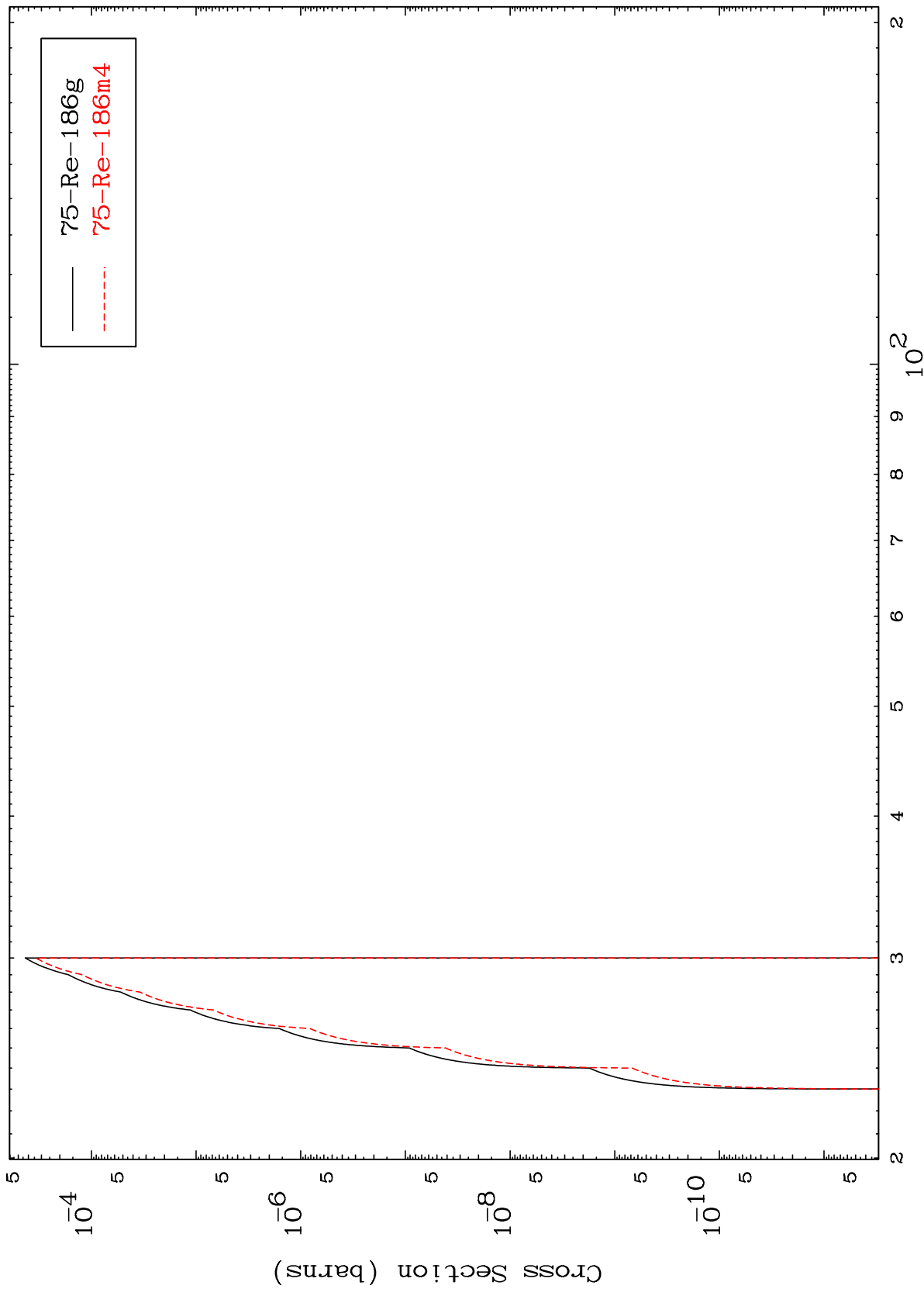
76-Os-189

MAT 7640

(n,3n) p

76-Os-189

Radionuclide Production Cross Section



146

Incident Energy (MeV)

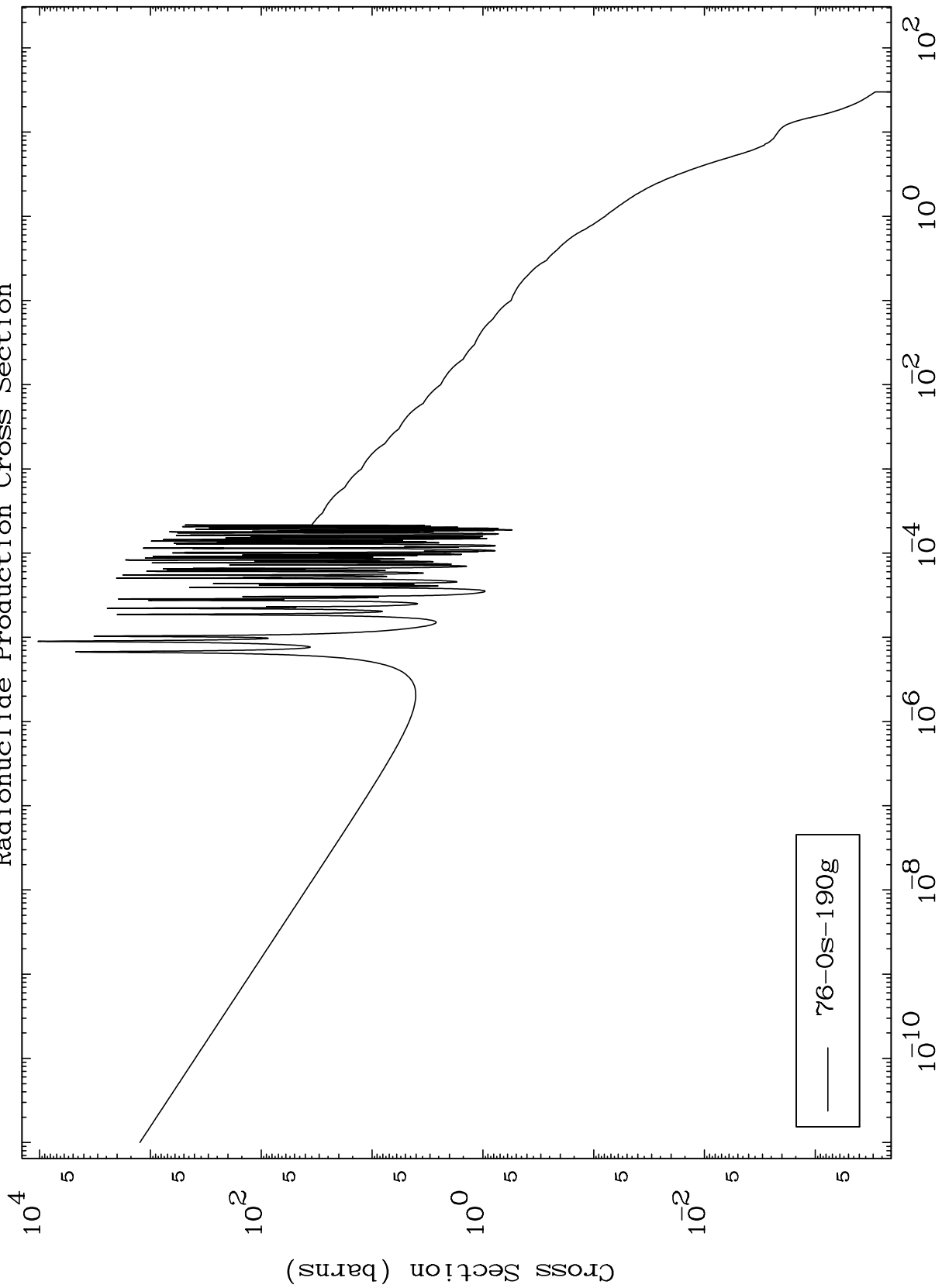
76-Os-189

MAT 7640

76-Os-189

Radionuclide Production Cross Section

(n, γ)



76-Os-189

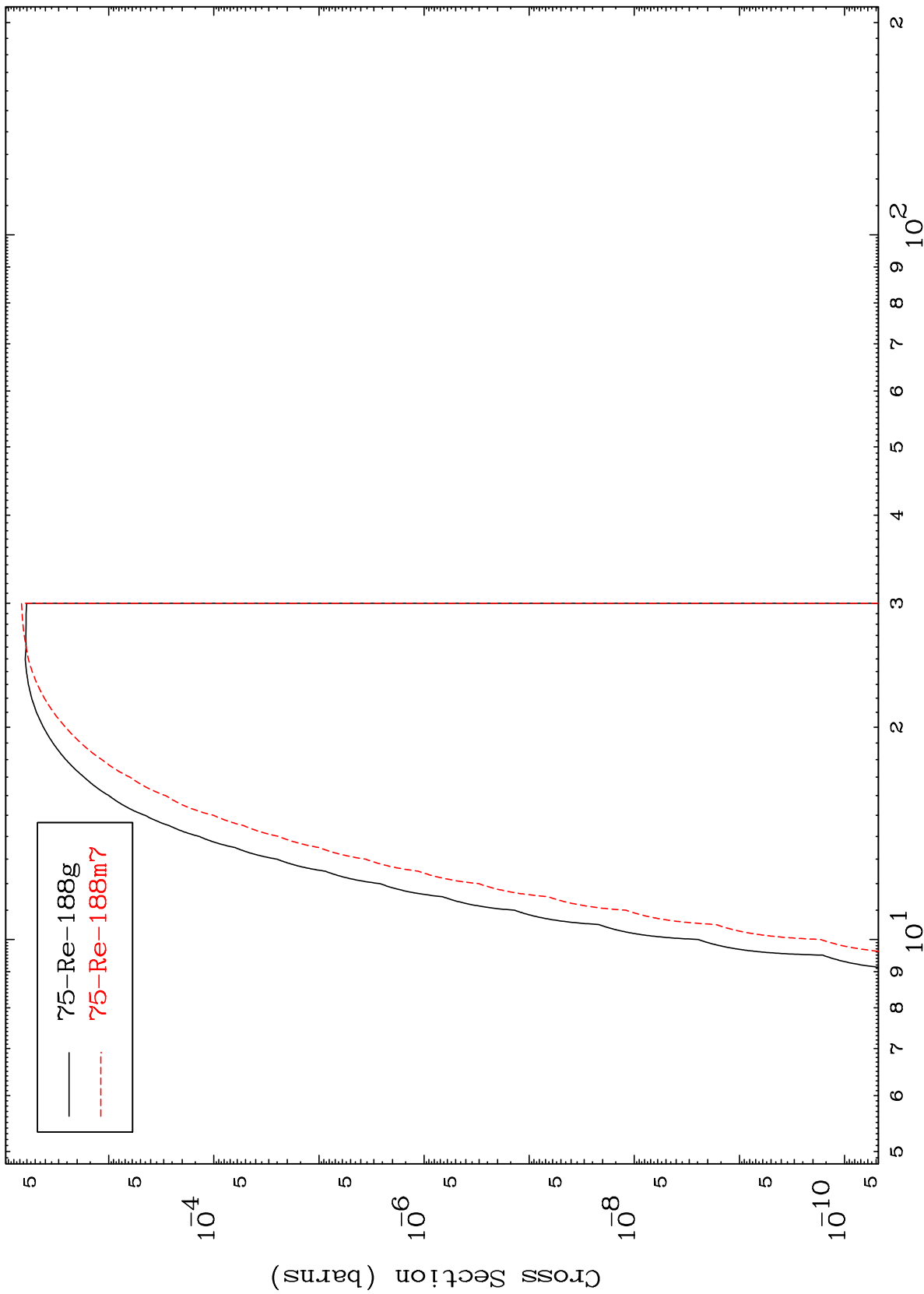
Incident Energy (MeV)

147

MAT 7640

76-Os-189

(n,d)
Radionuclide Production Cross Section



148

76-Os-189

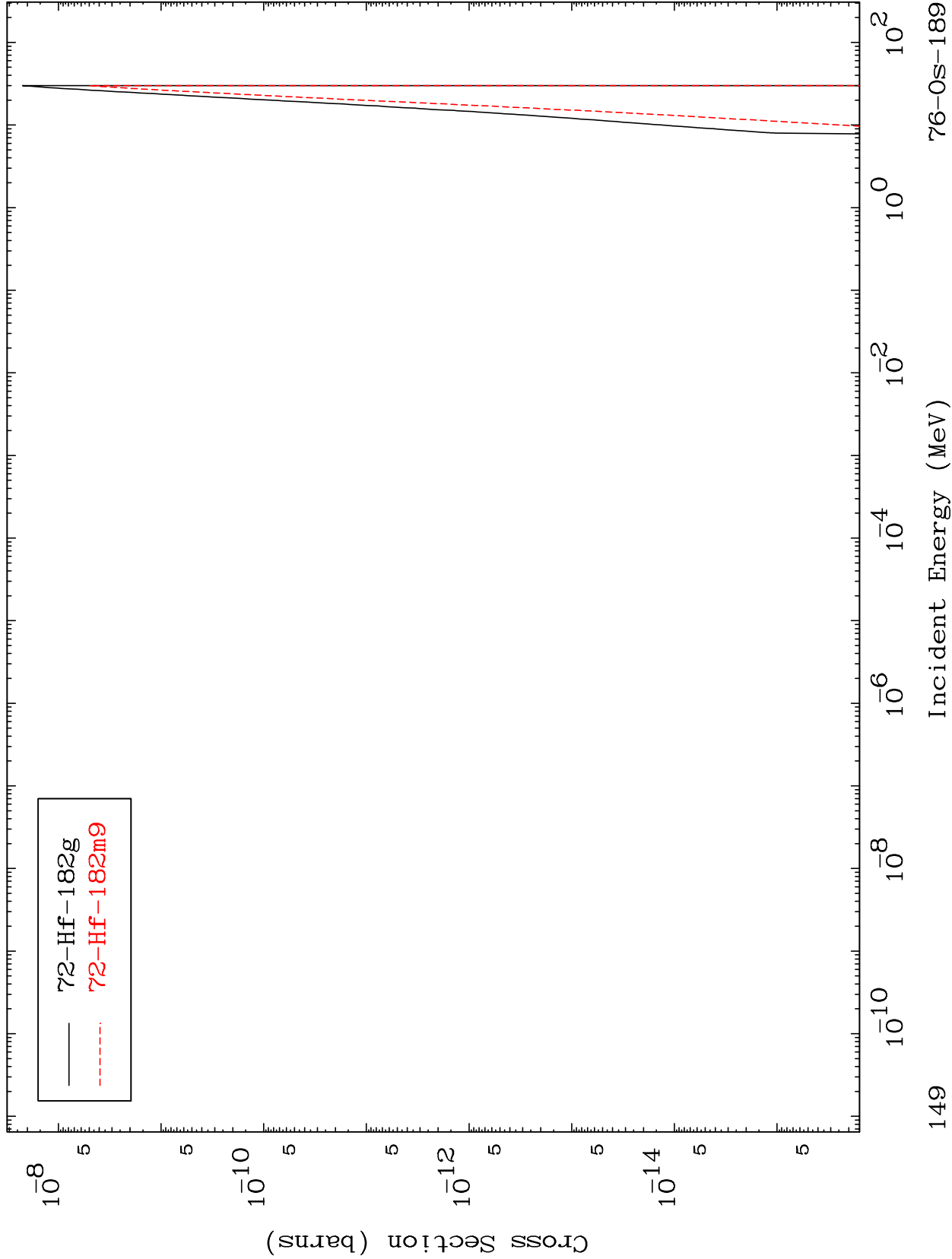
Incident Energy (MeV)

MAT 7640

(n,2α)

76-Os-189

Radionuclide Production Cross Section



72-Hf-182g
72-Hf-182m9