

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

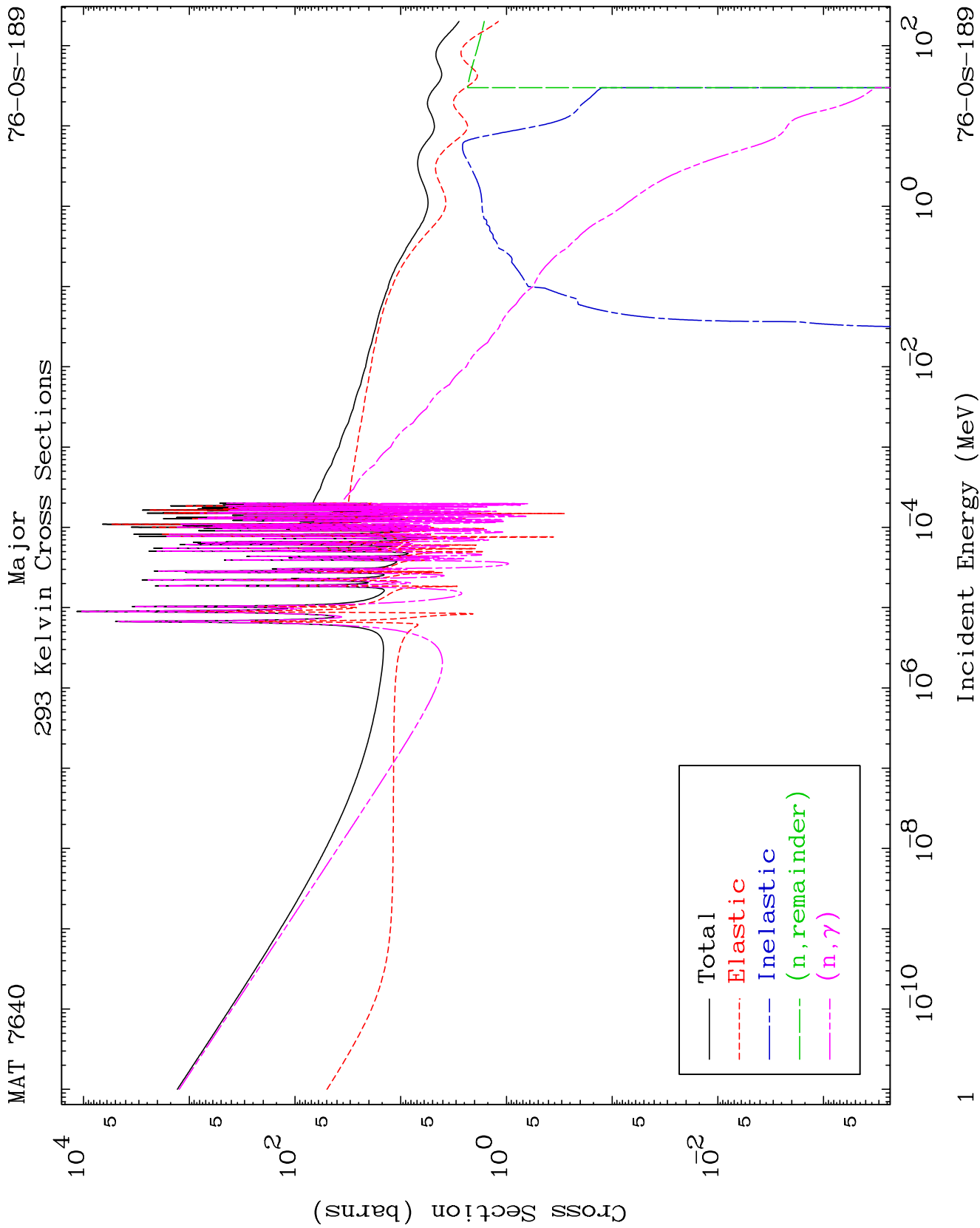
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

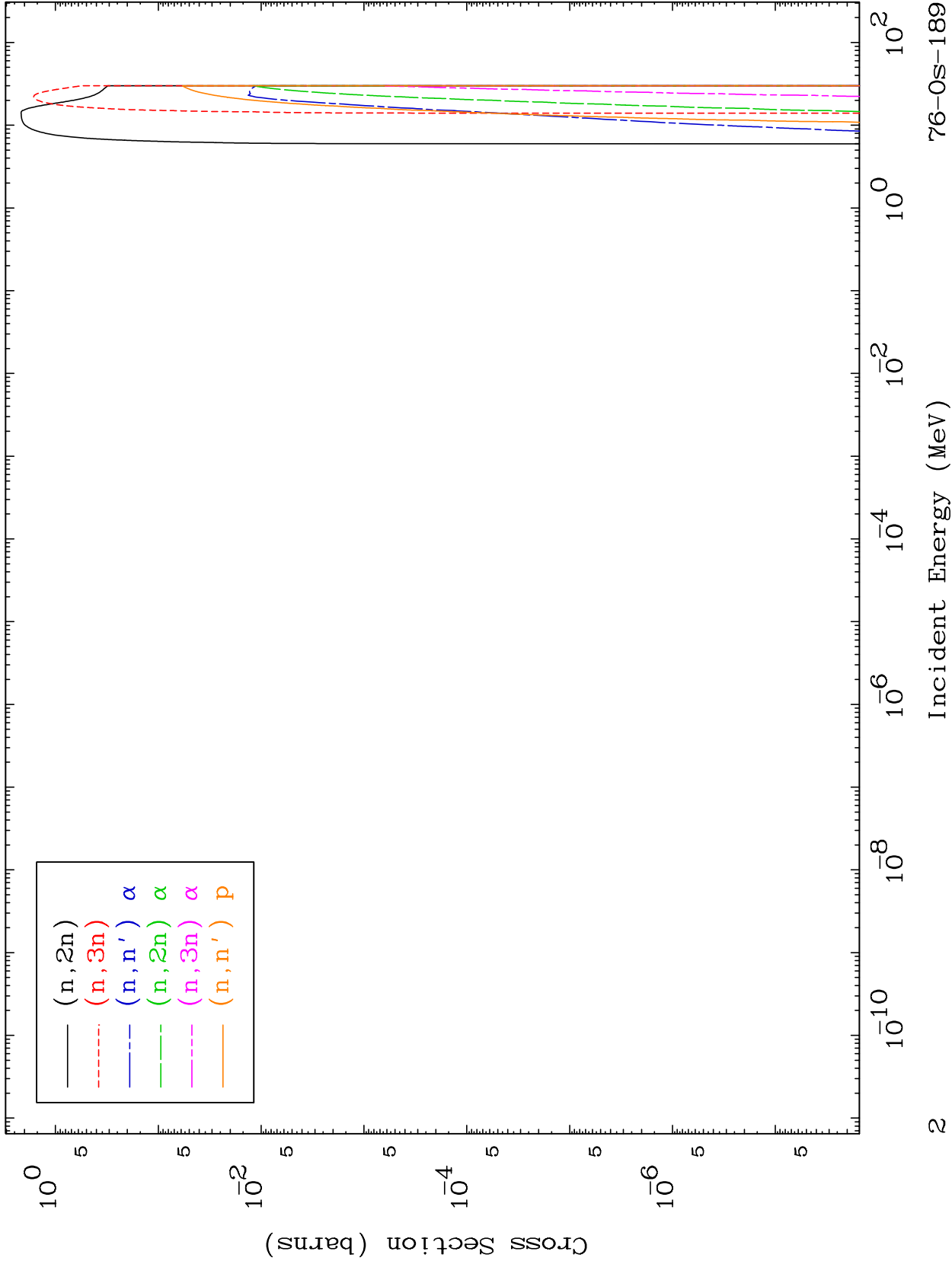
Press Mouse Button to Start

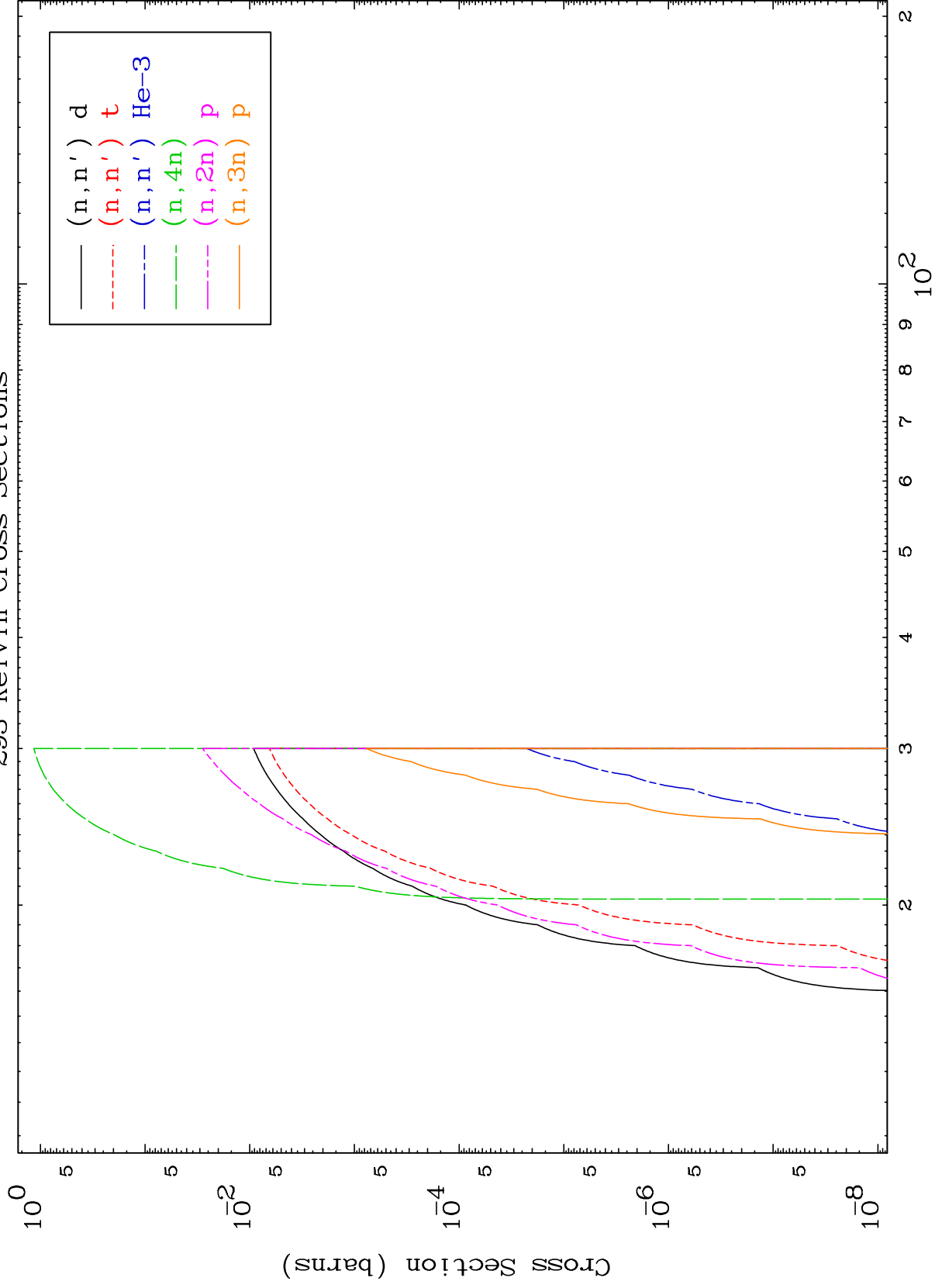


MAT 7640

Neutron Production
293 Kelvin Cross Sections

76-Os-189

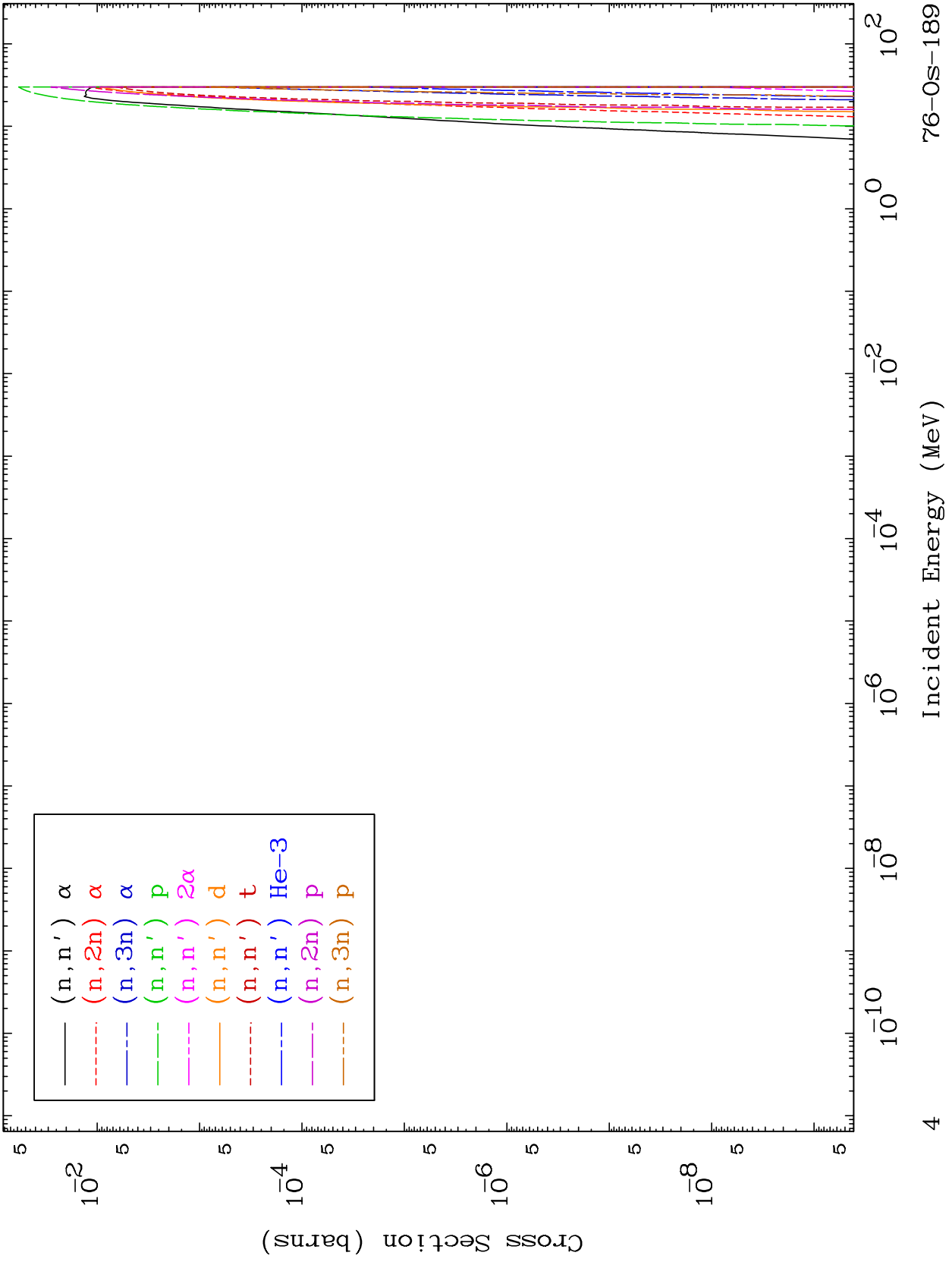




MAT 7640

Charged Particle
293 Kelvin Cross Sections

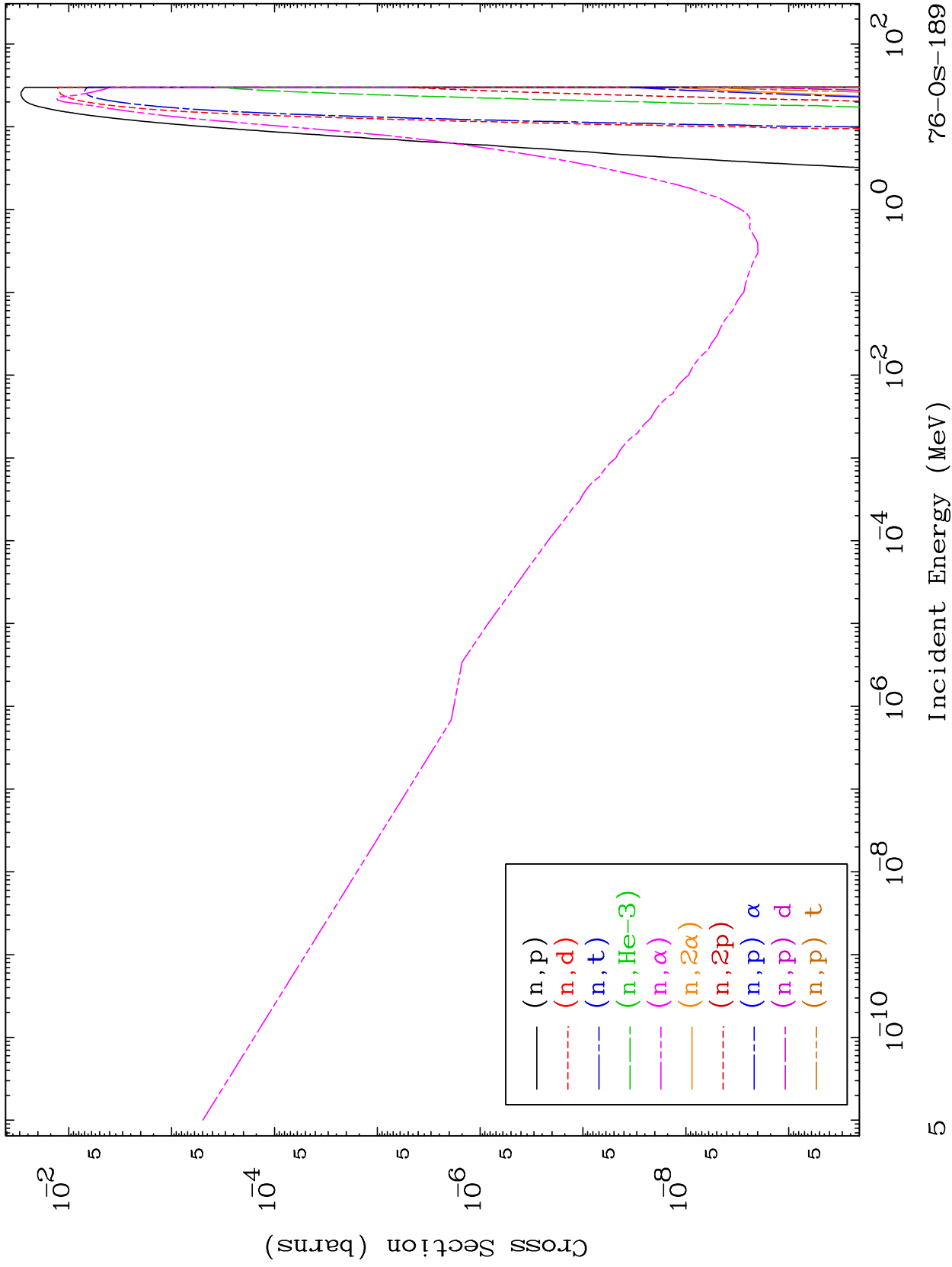
76-Os-189



MAT 7640

Charged Particle
293 Kelvin Cross Sections

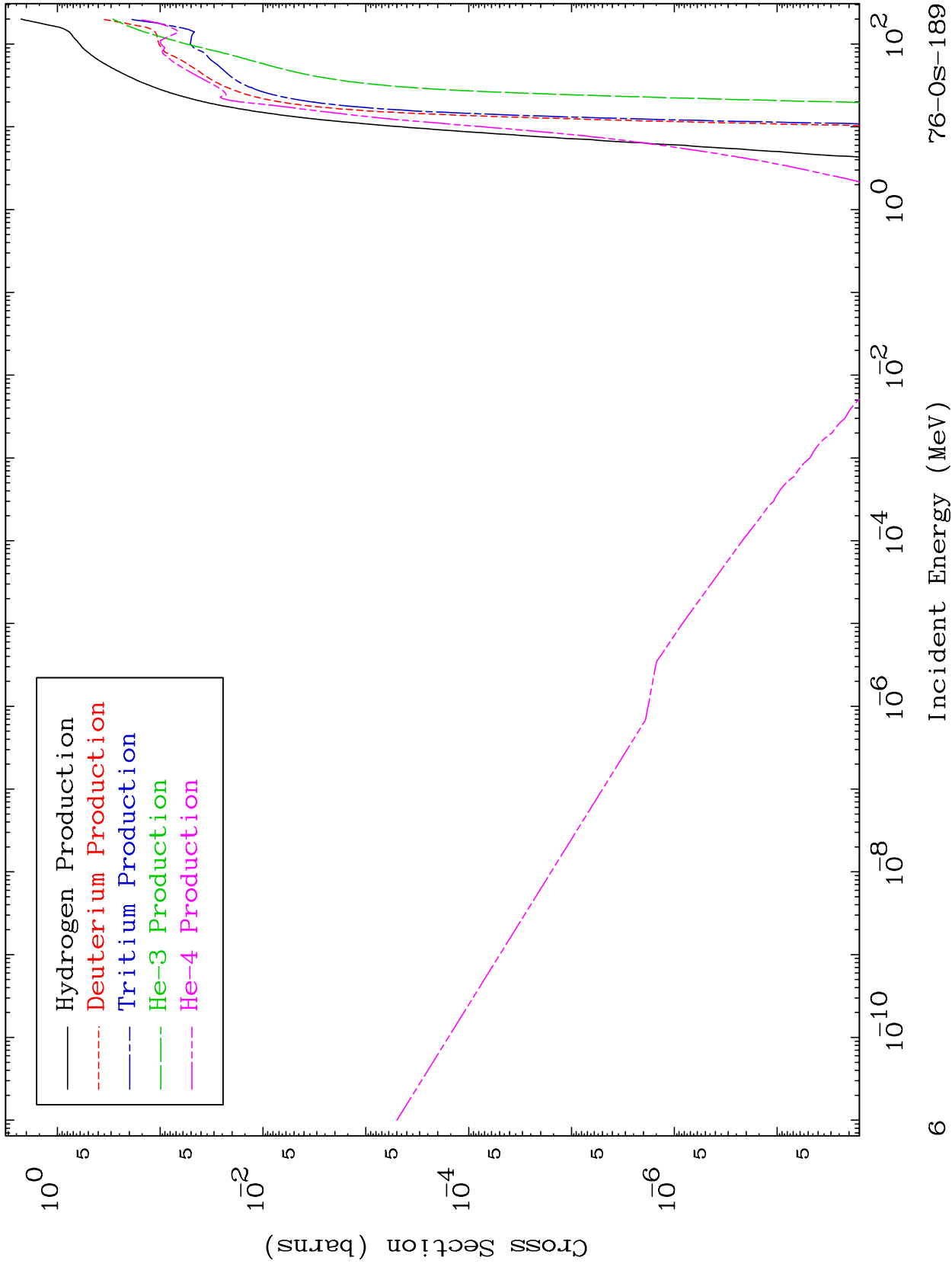
76-Os-189



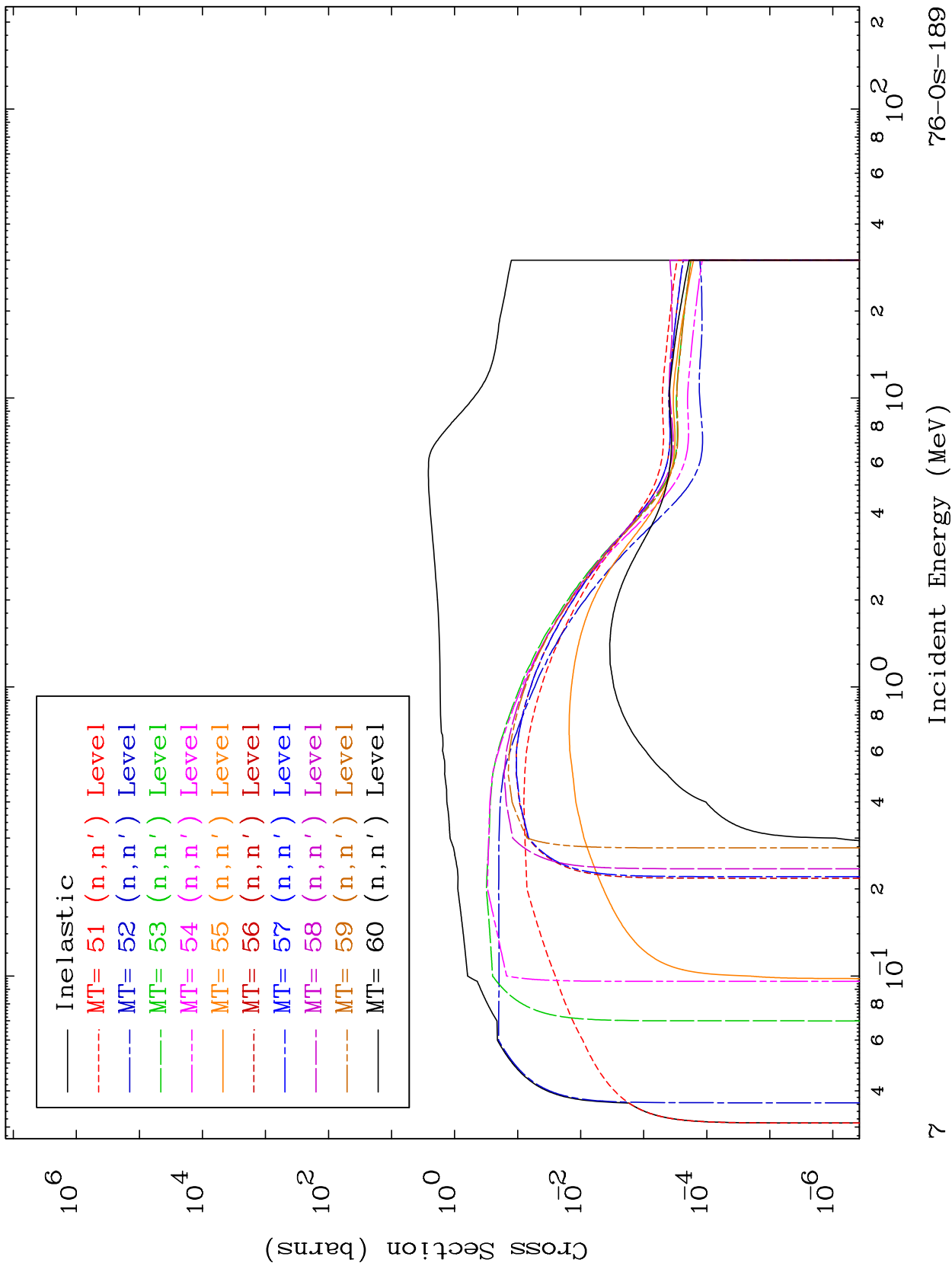
MAT 7640

Particle Production
293 Kelvin Cross Sections

76-Os-189



293 Kelvin Cross Sections

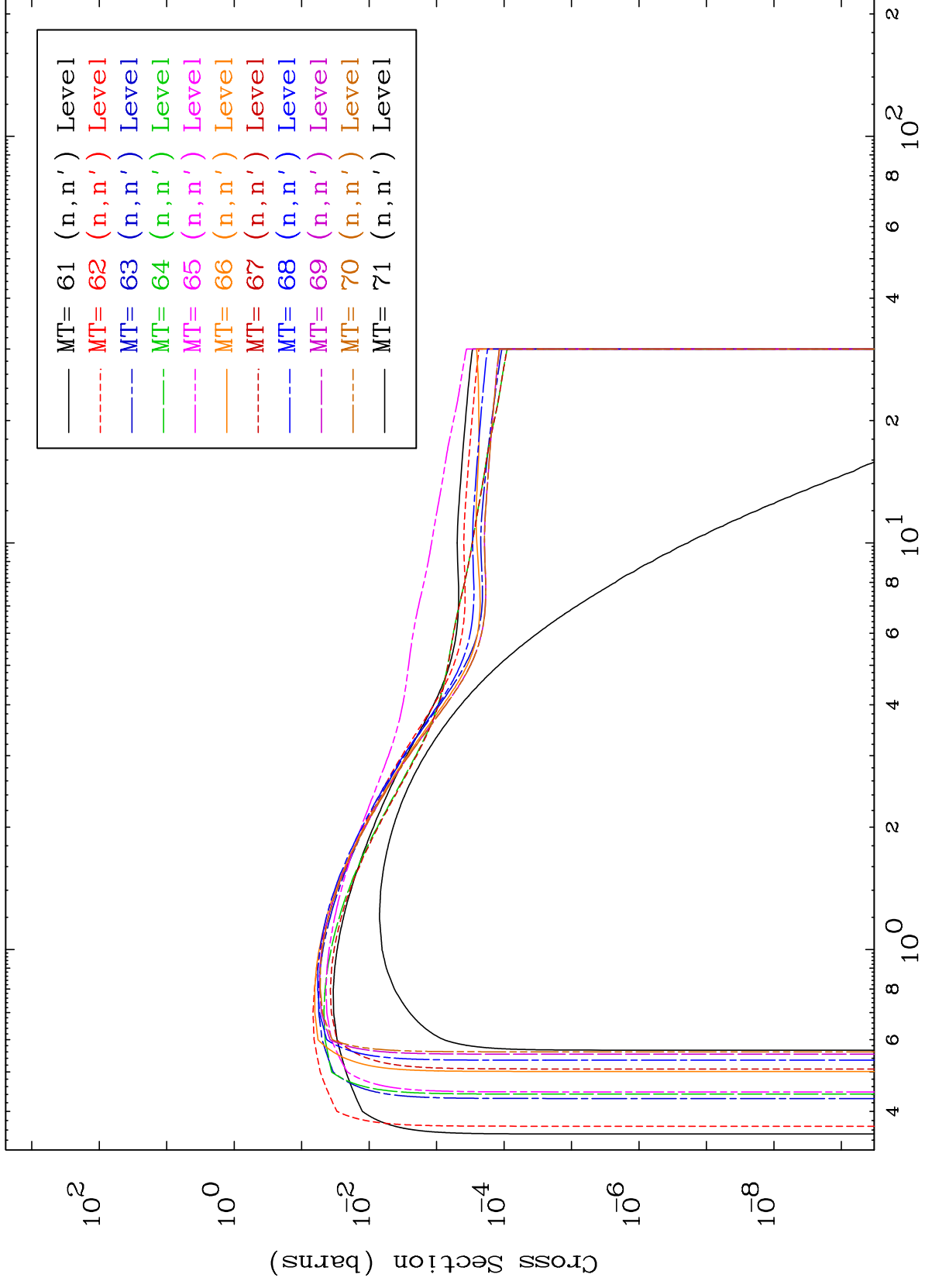


MAT 7640

(n,n') Level

76-Os-189

293 Kelvin Cross Sections

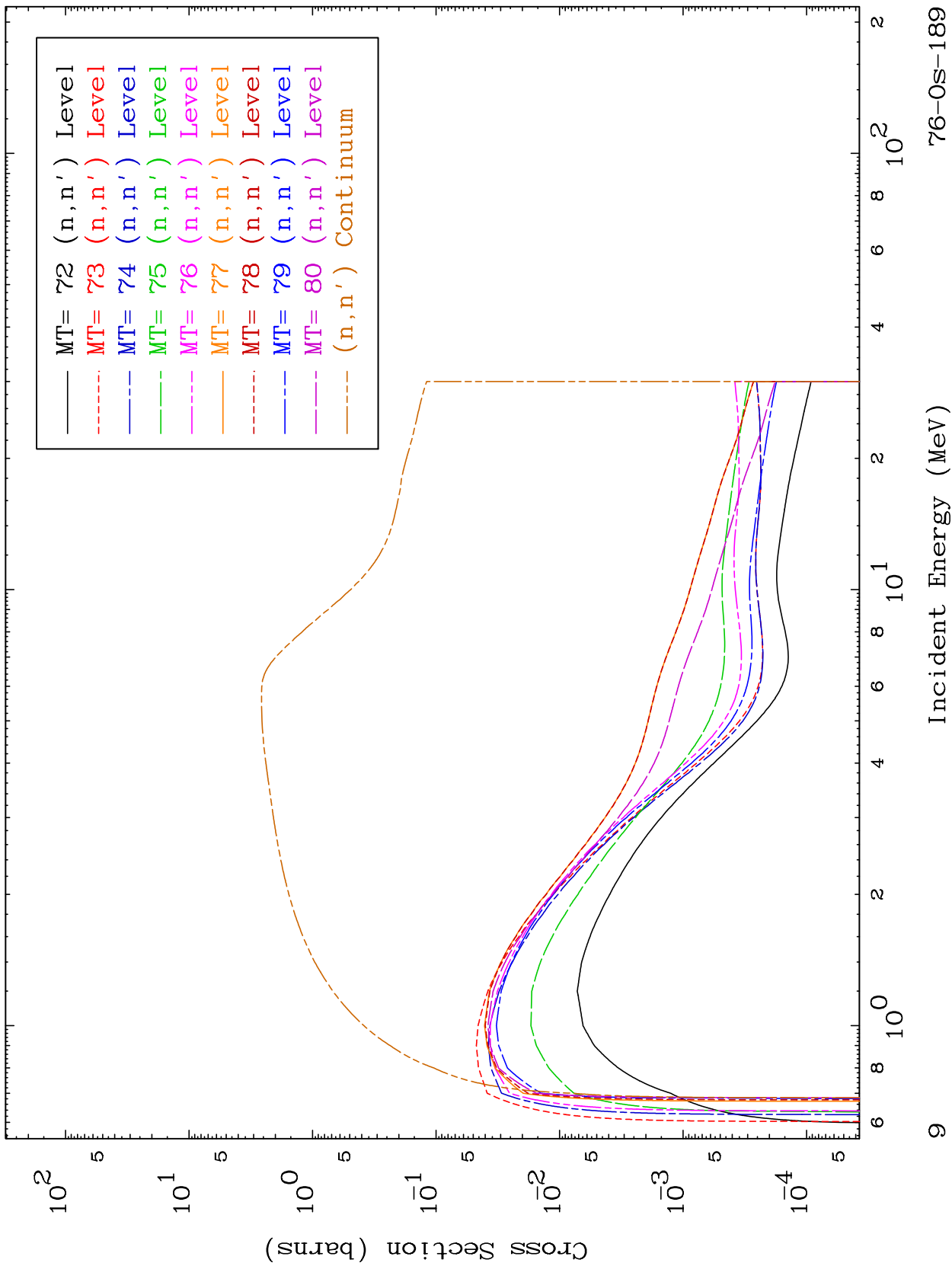


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Incident Energy (MeV)

76-Os-189

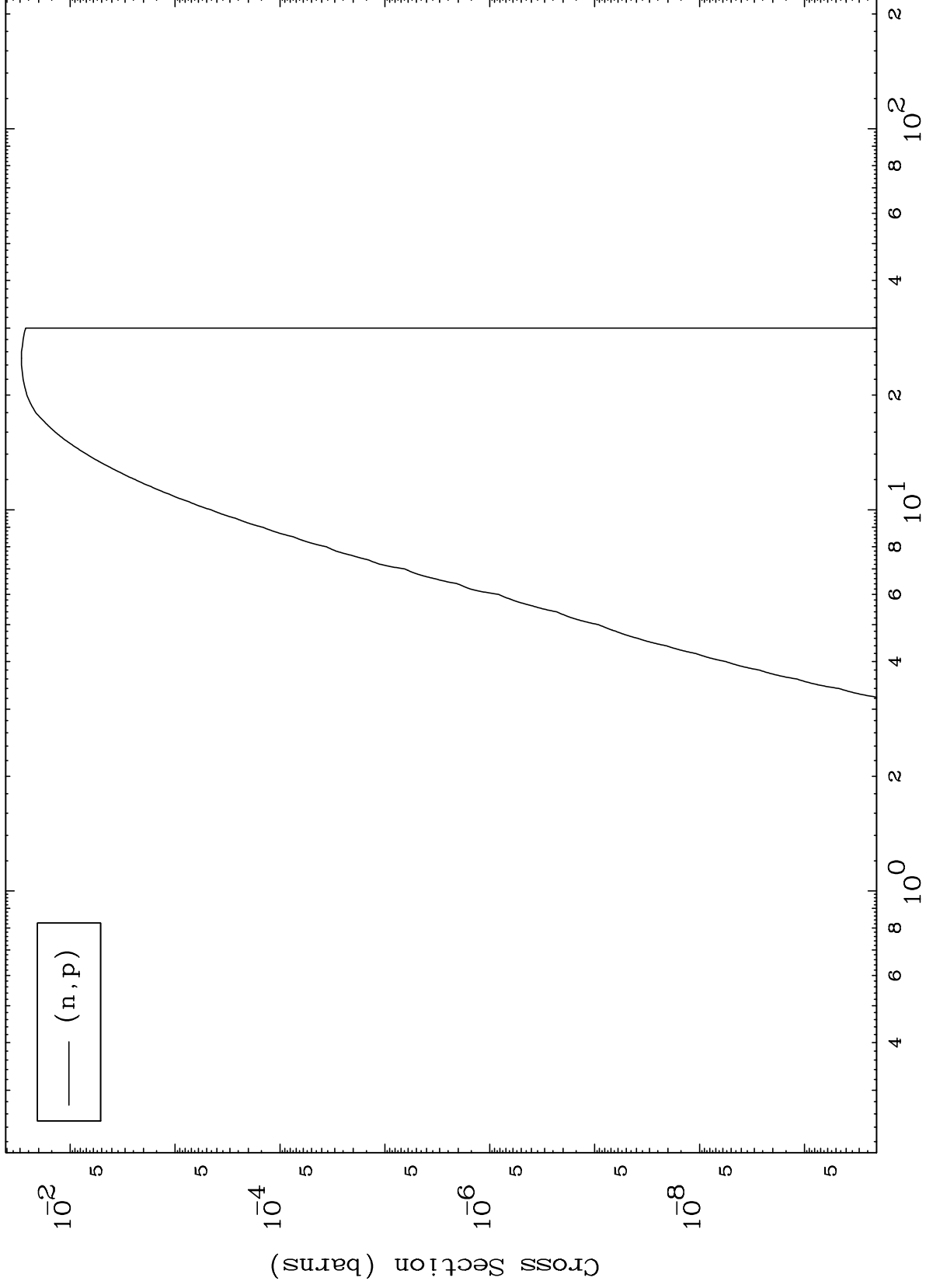
293 Kelvin Cross Sections



MAT 7640

(n,p) Levels
293 Kelvin Cross Sections

76-Os-189



10

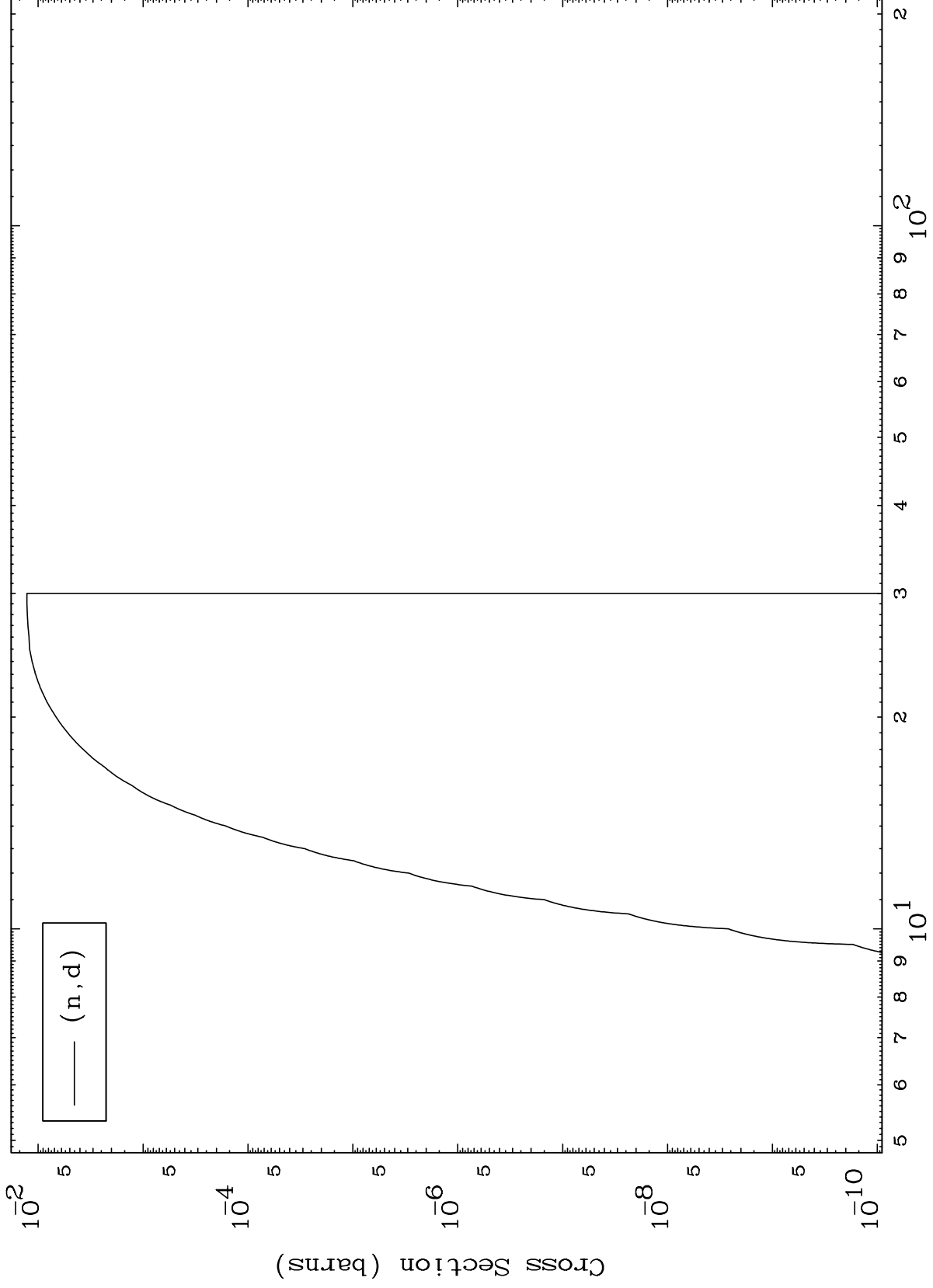
Incident Energy (MeV)

76-Os-189

MAT 7640

(n,d) Levels
293 Kelvin Cross Sections

76-Os-189



11

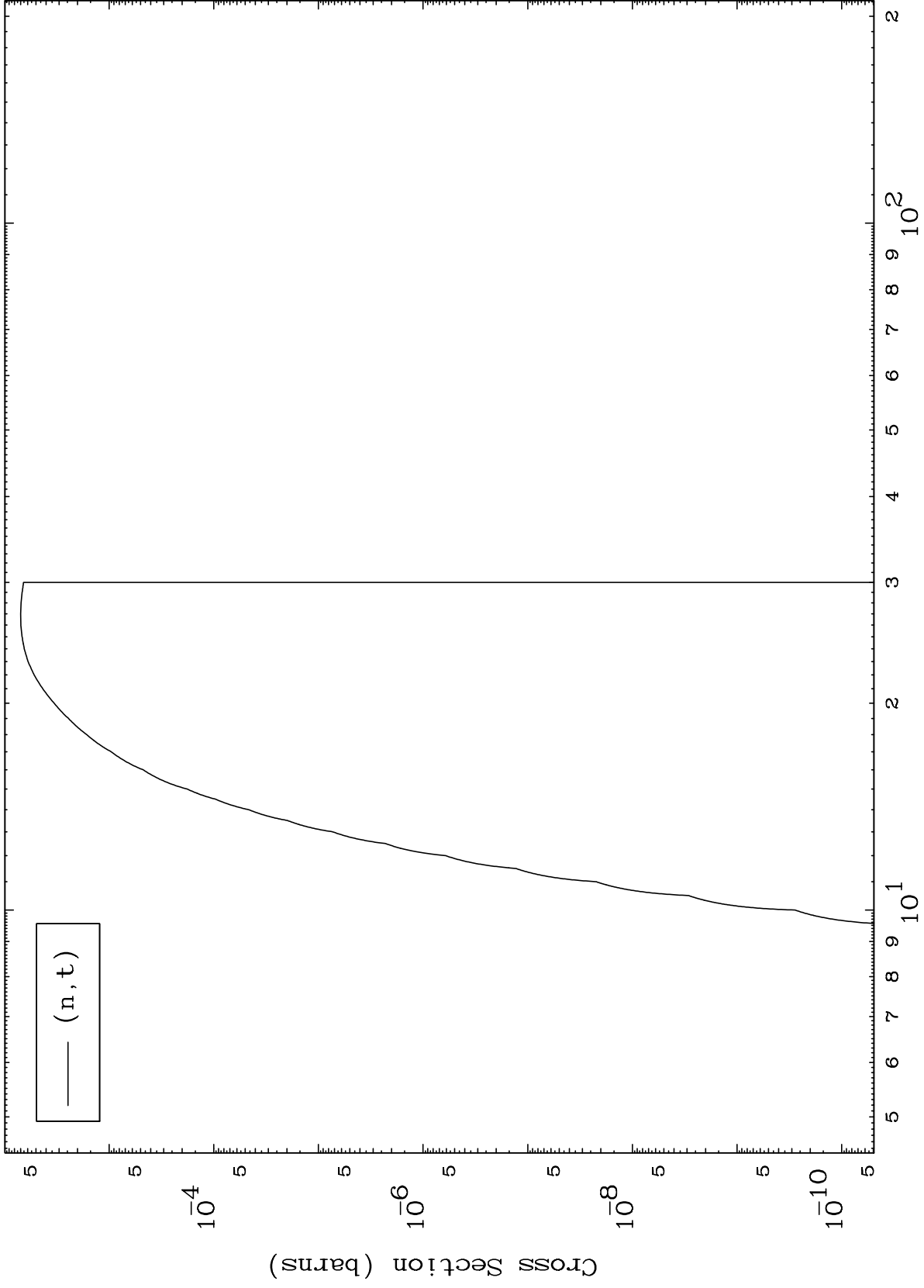
Incident Energy (MeV)

76-Os-189

MAT 7640

(n,t) Levels
293 Kelvin Cross Sections

76-Os-189



12

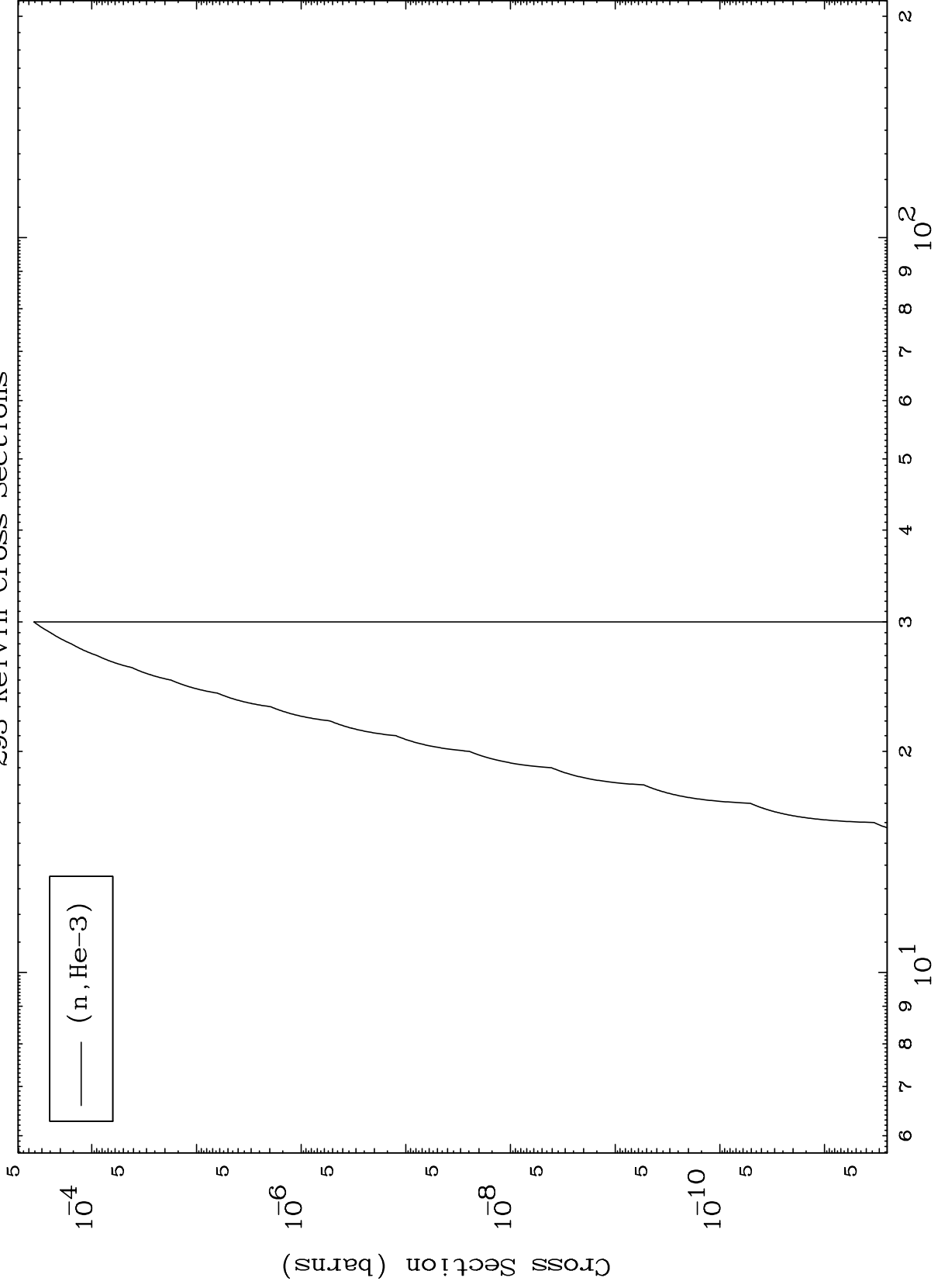
Incident Energy (MeV)

76-Os-189

MAT 7640

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-189



13

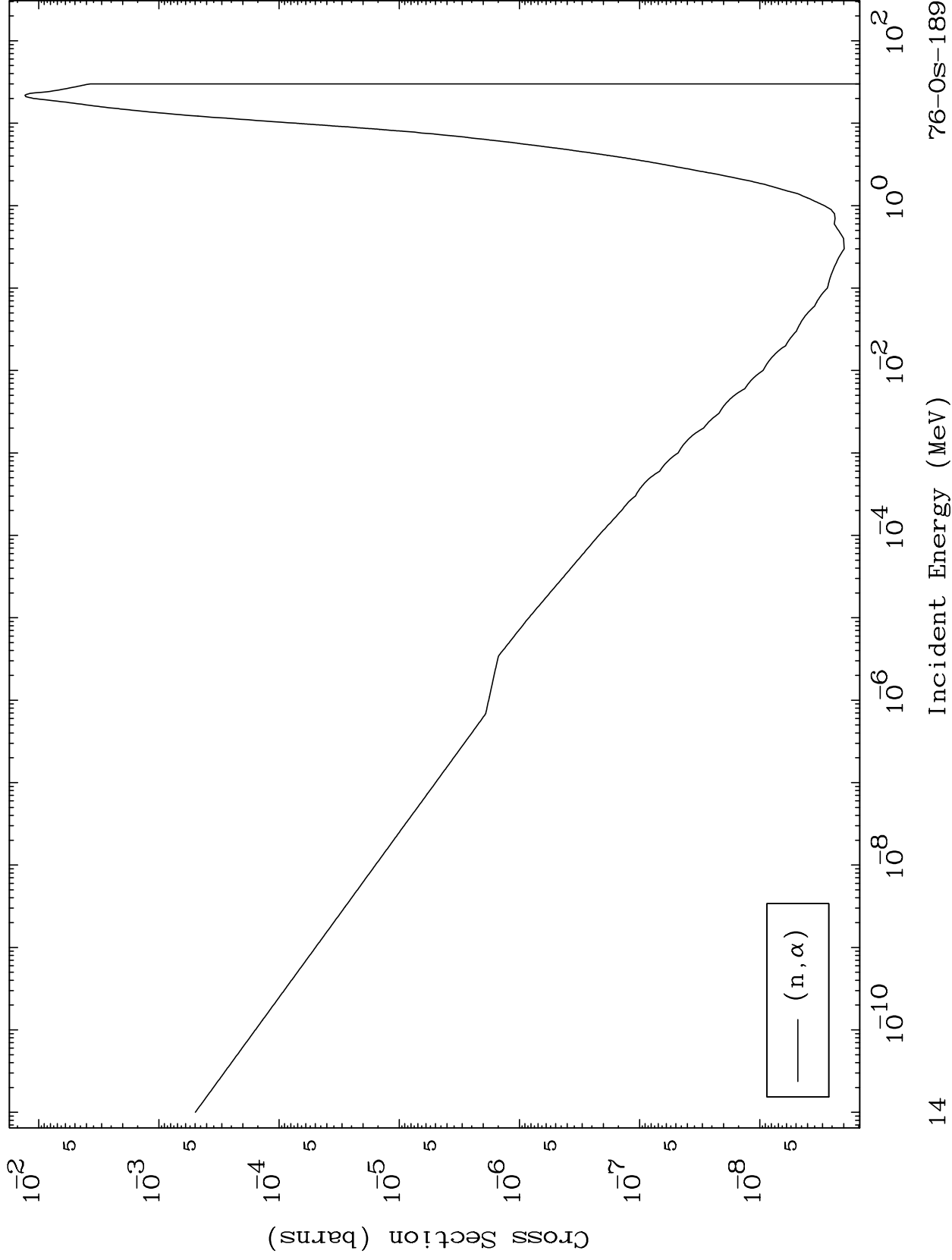
Incident Energy (MeV)

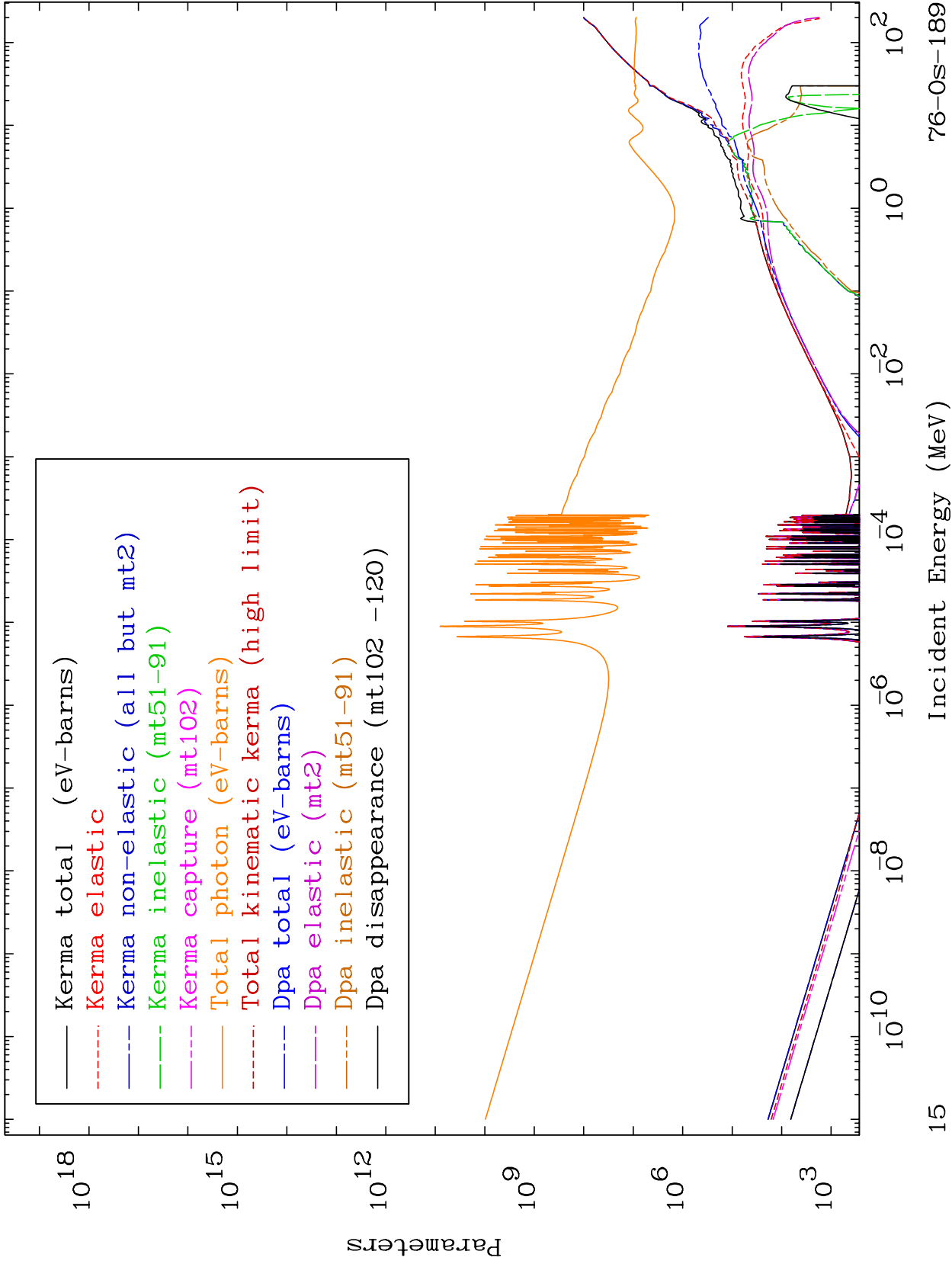
76-Os-189

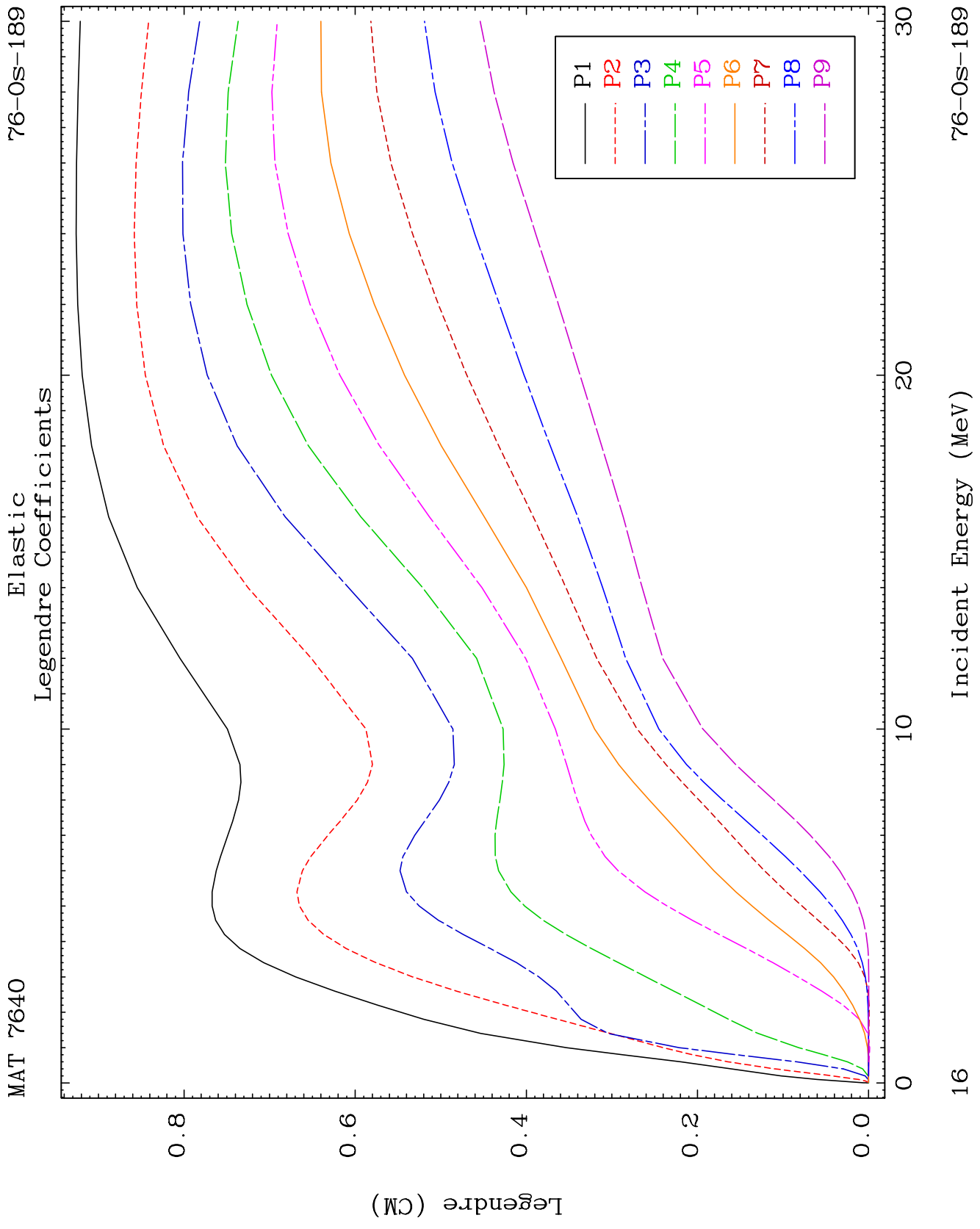
MAT 7640

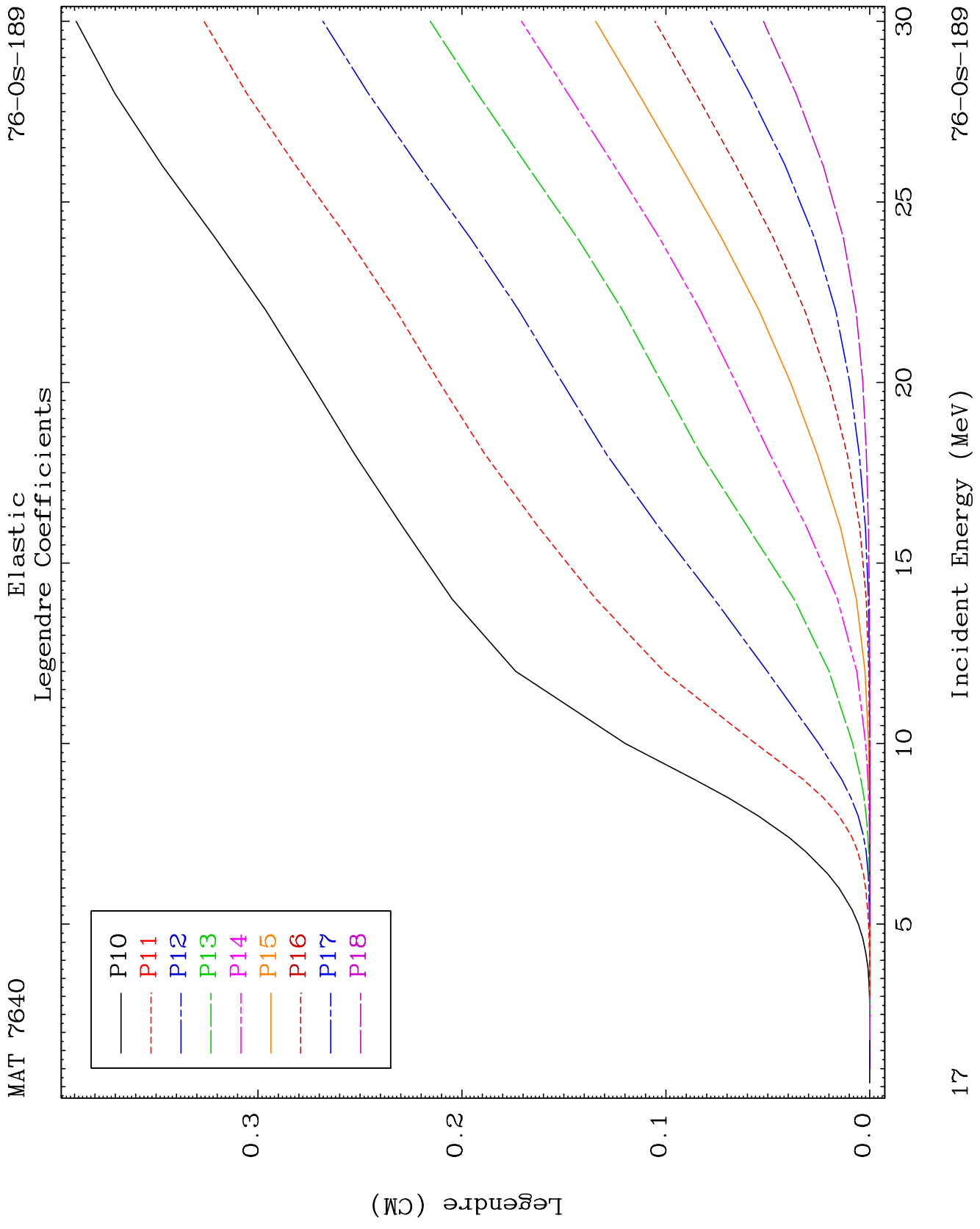
(n,α) Levels
293 Kelvin Cross Sections

76-Os-189





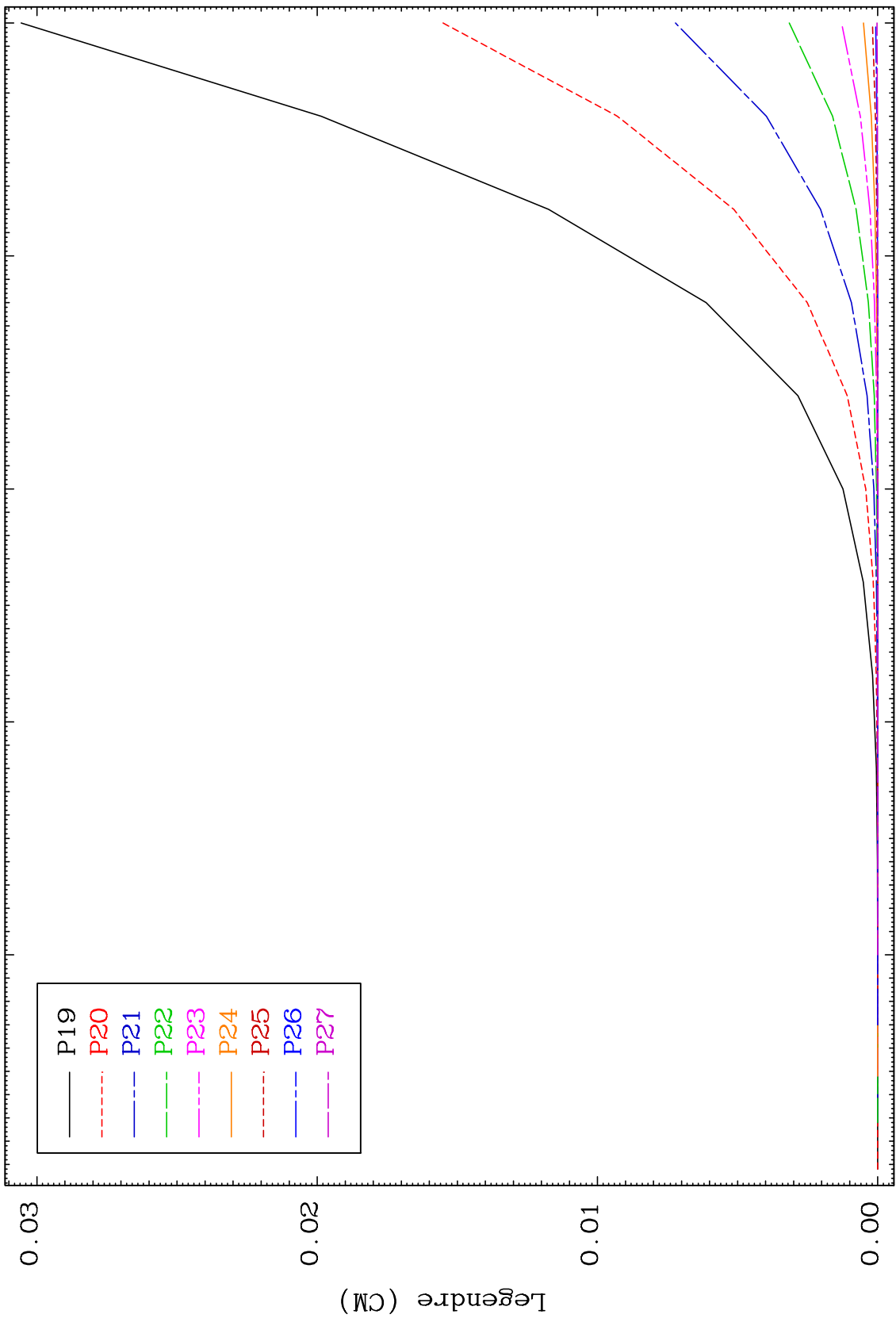




MAT 7640

Elastic
Legendre Coefficients

76-0s-189



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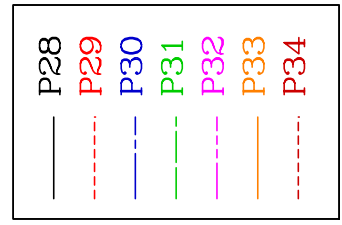
Incident Energy (MeV)

76-0s-189

MAT 7640

Elastic Legendre Coefficients

76-0s-189

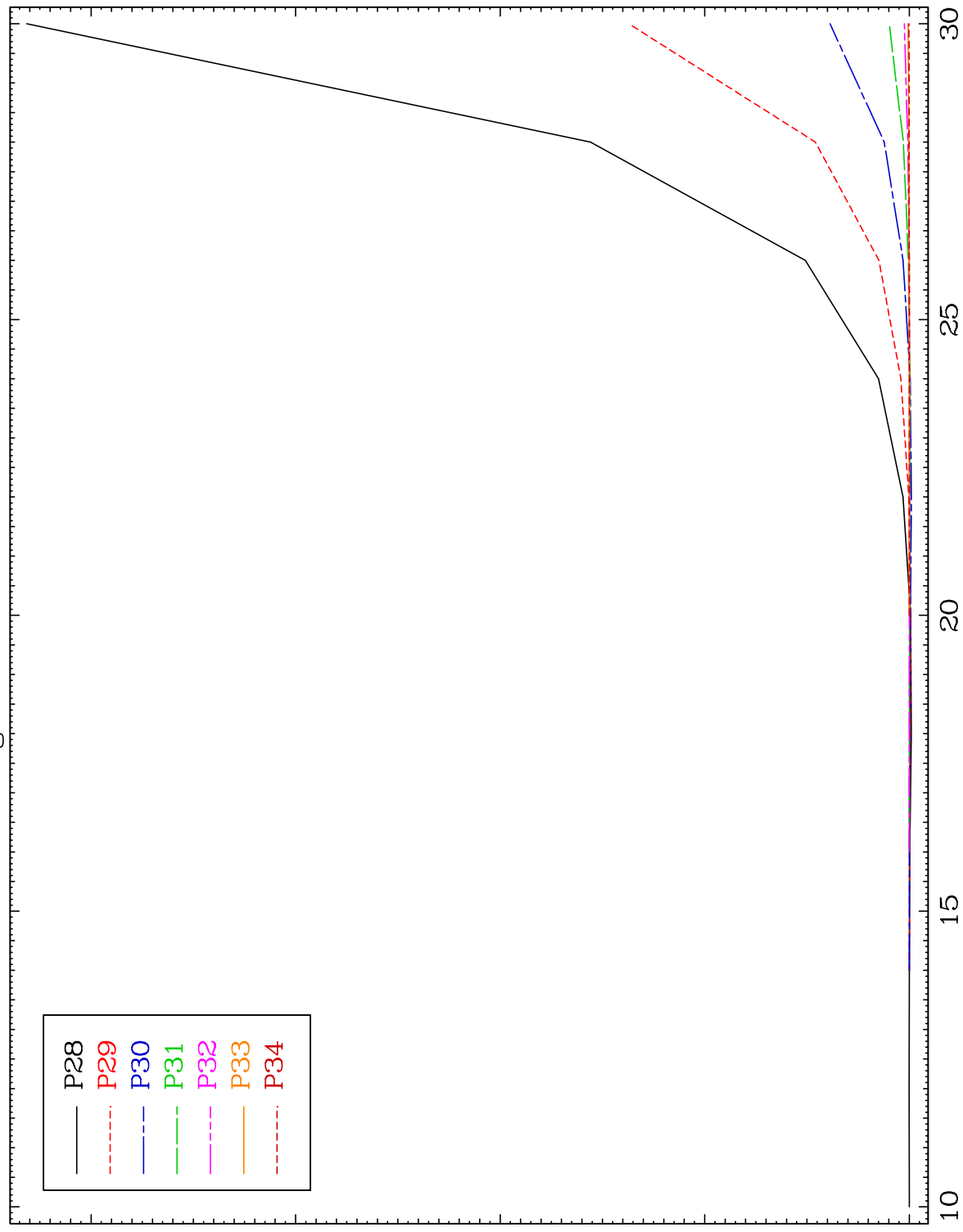


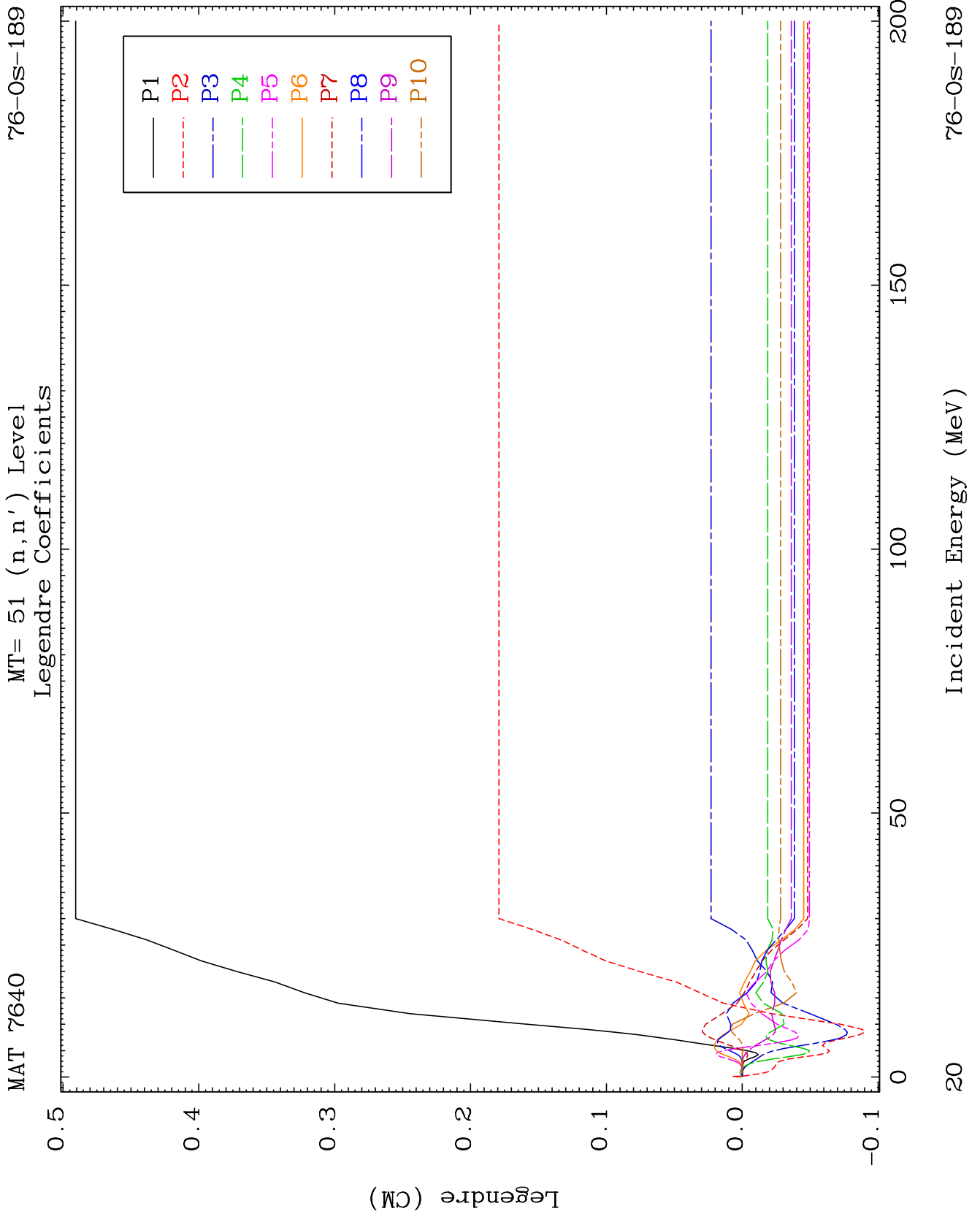
$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

76-0s-189

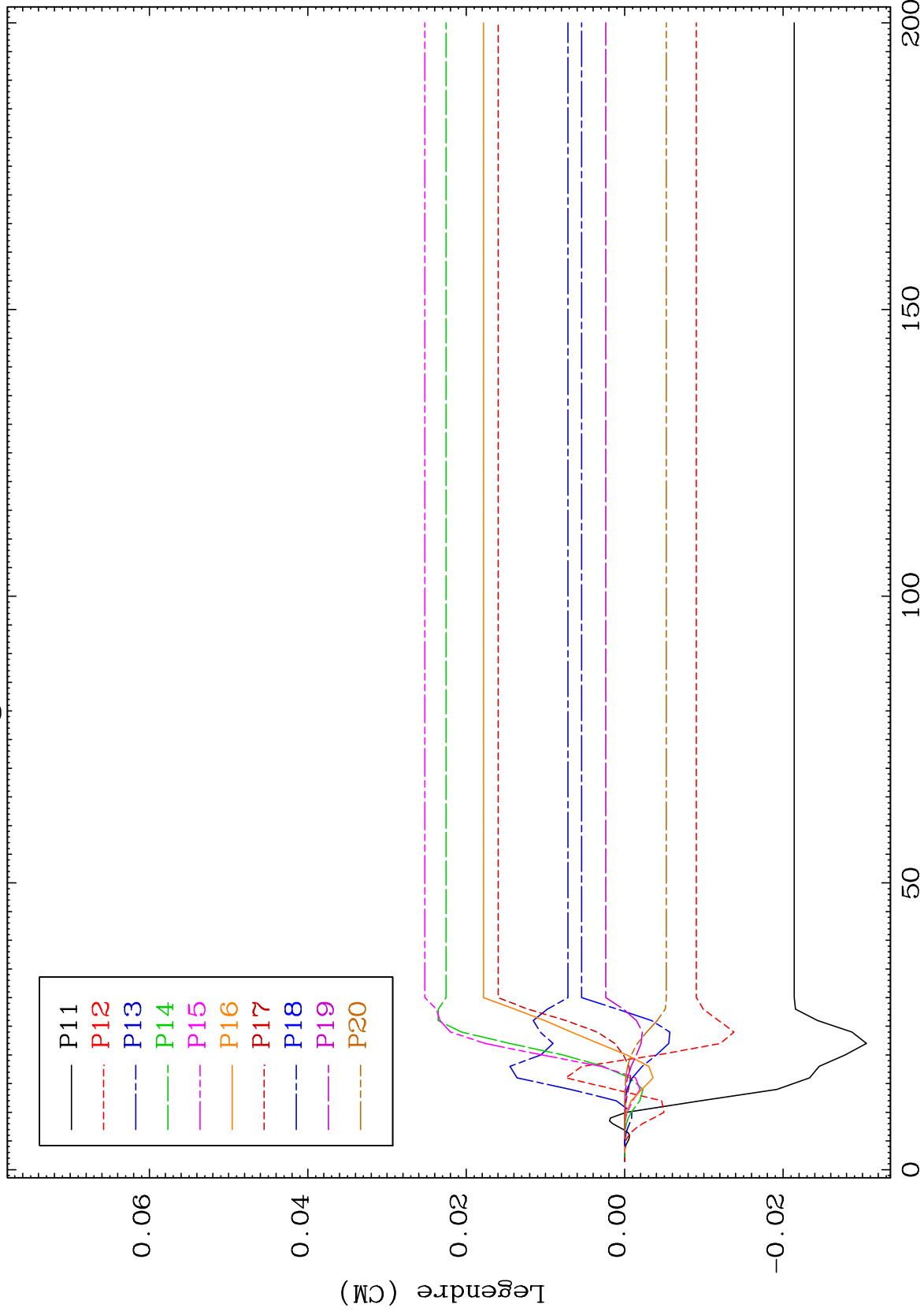




MAT 7640

MT= 51 (n,n') Level
Legendre Coefficients

76-0s-189



21

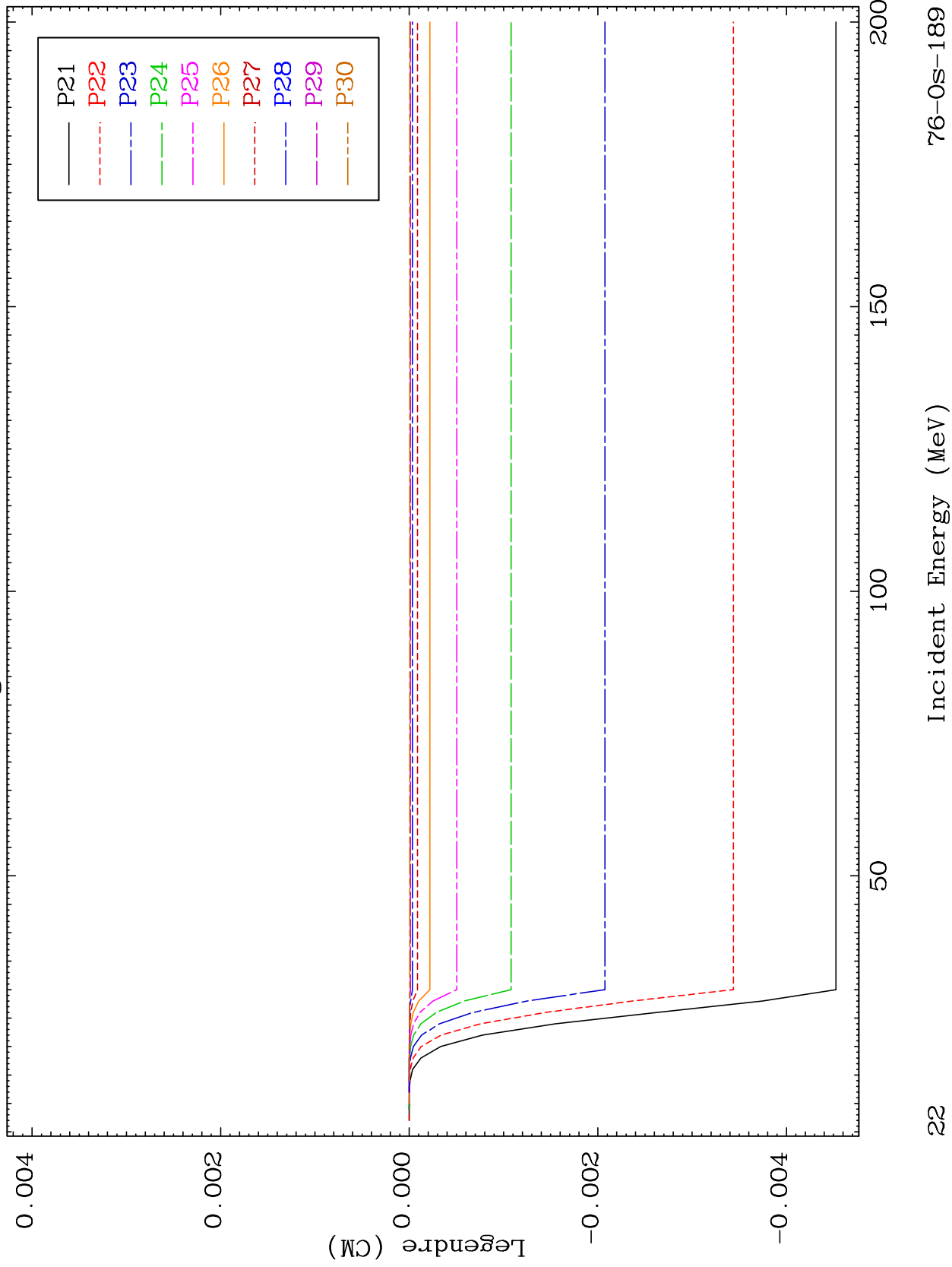
Incident Energy (MeV)

76-0s-189

MAT 7640

MT= 51 (n,n') Level
Legendre Coefficients

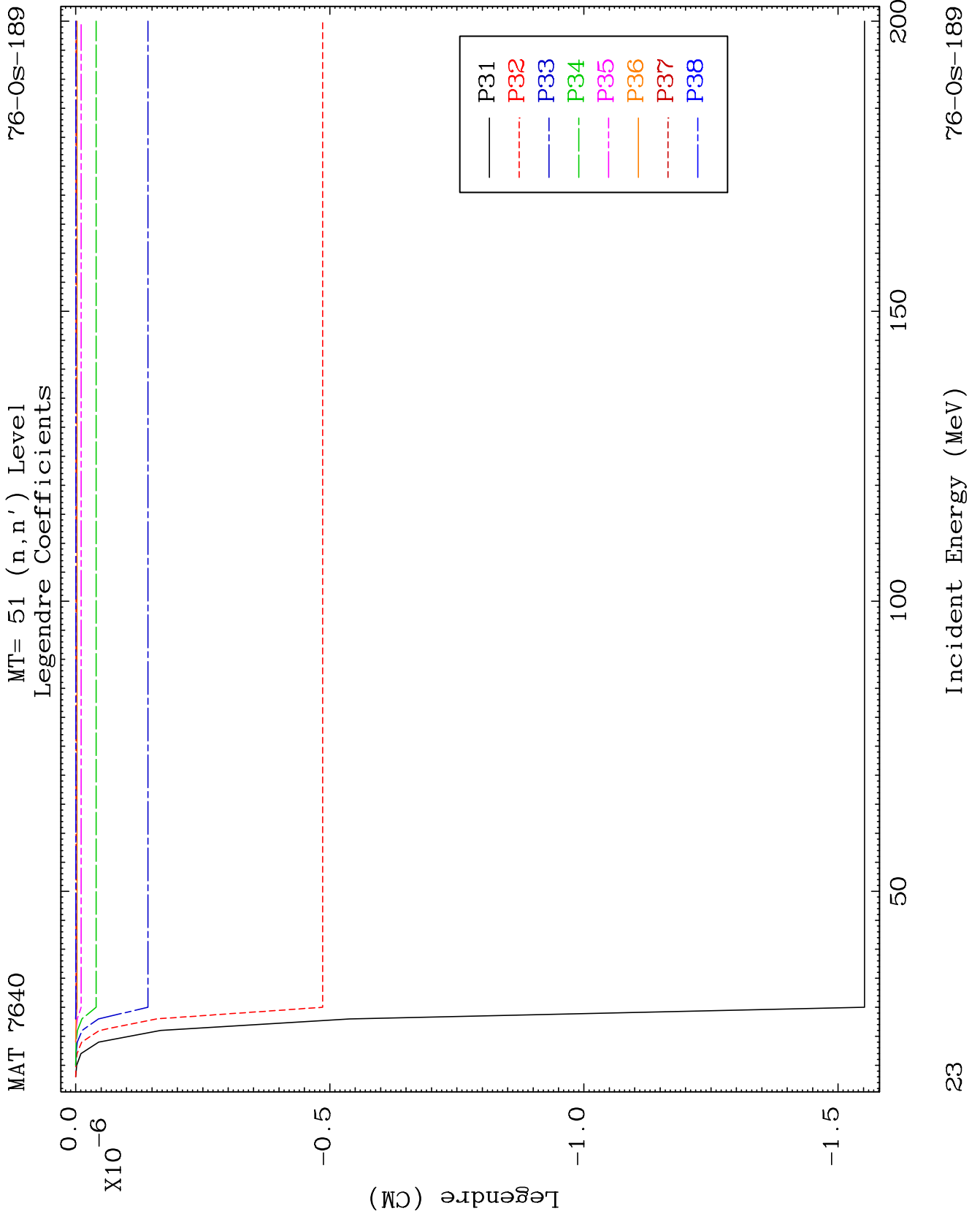
76-Os-189



22

Incident Energy (MeV)

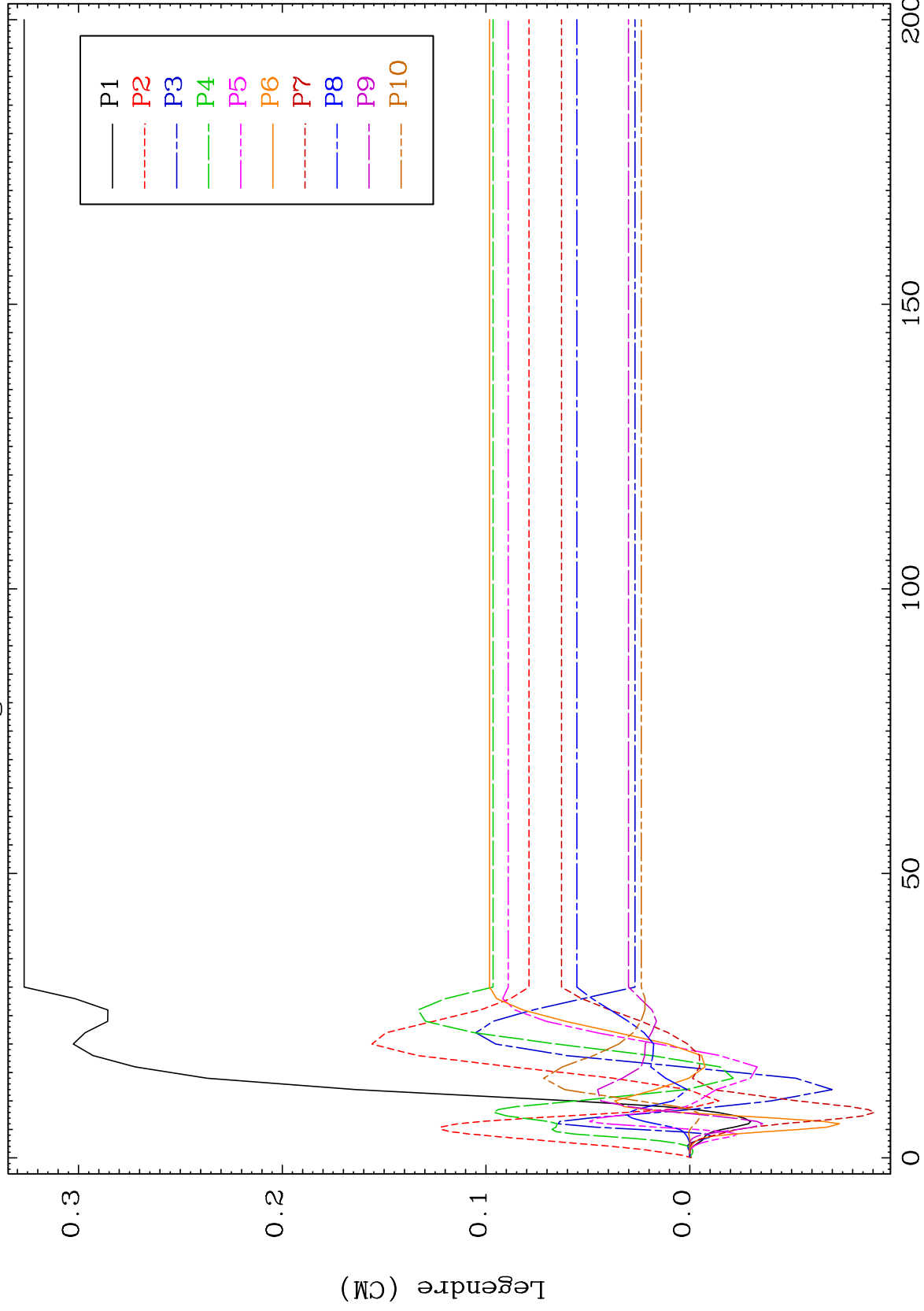
76-Os-189



MAT 7640

MT= 52 (n,n') Level
Legendre Coefficients

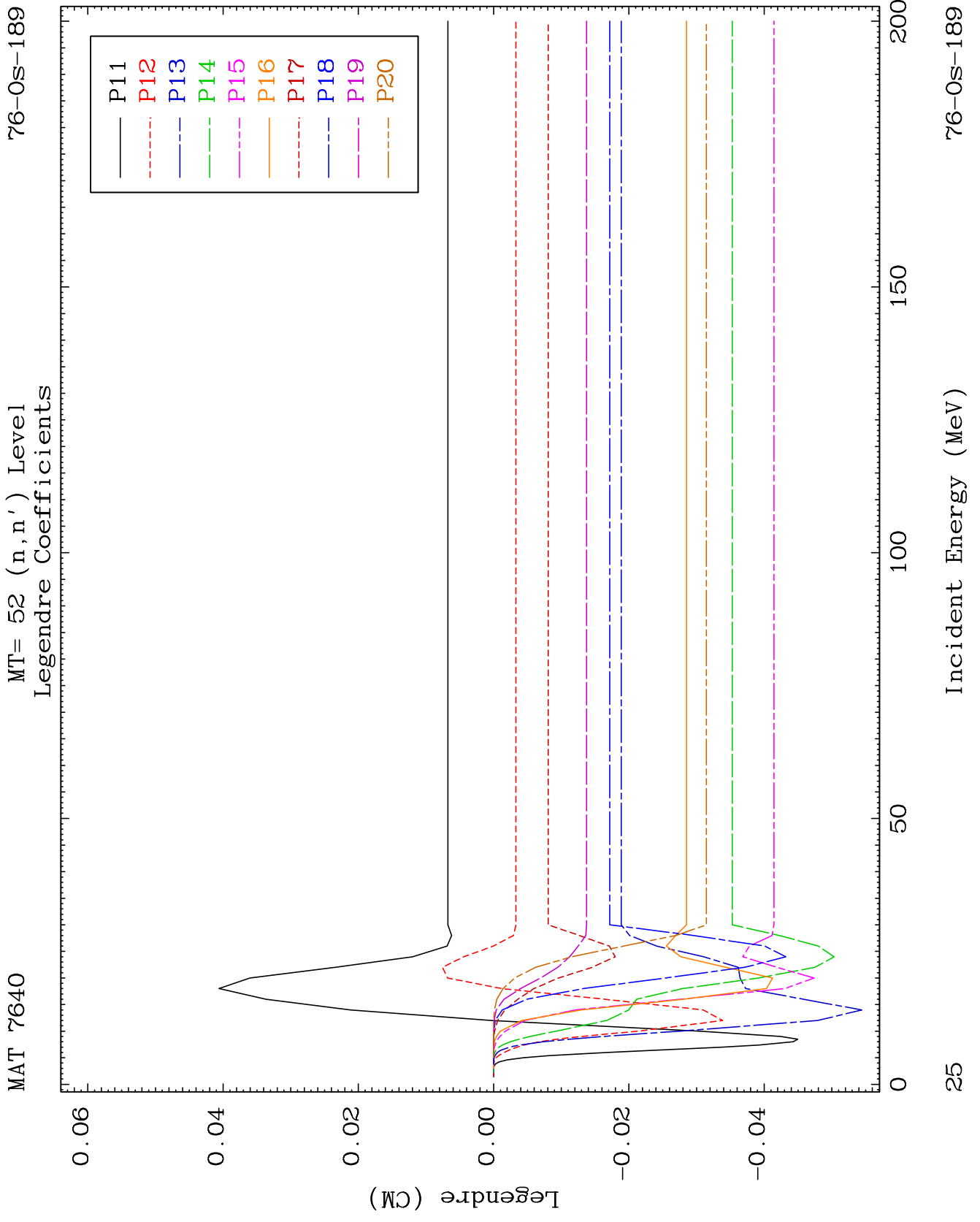
76-Os-189



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Incident Energy (MeV)

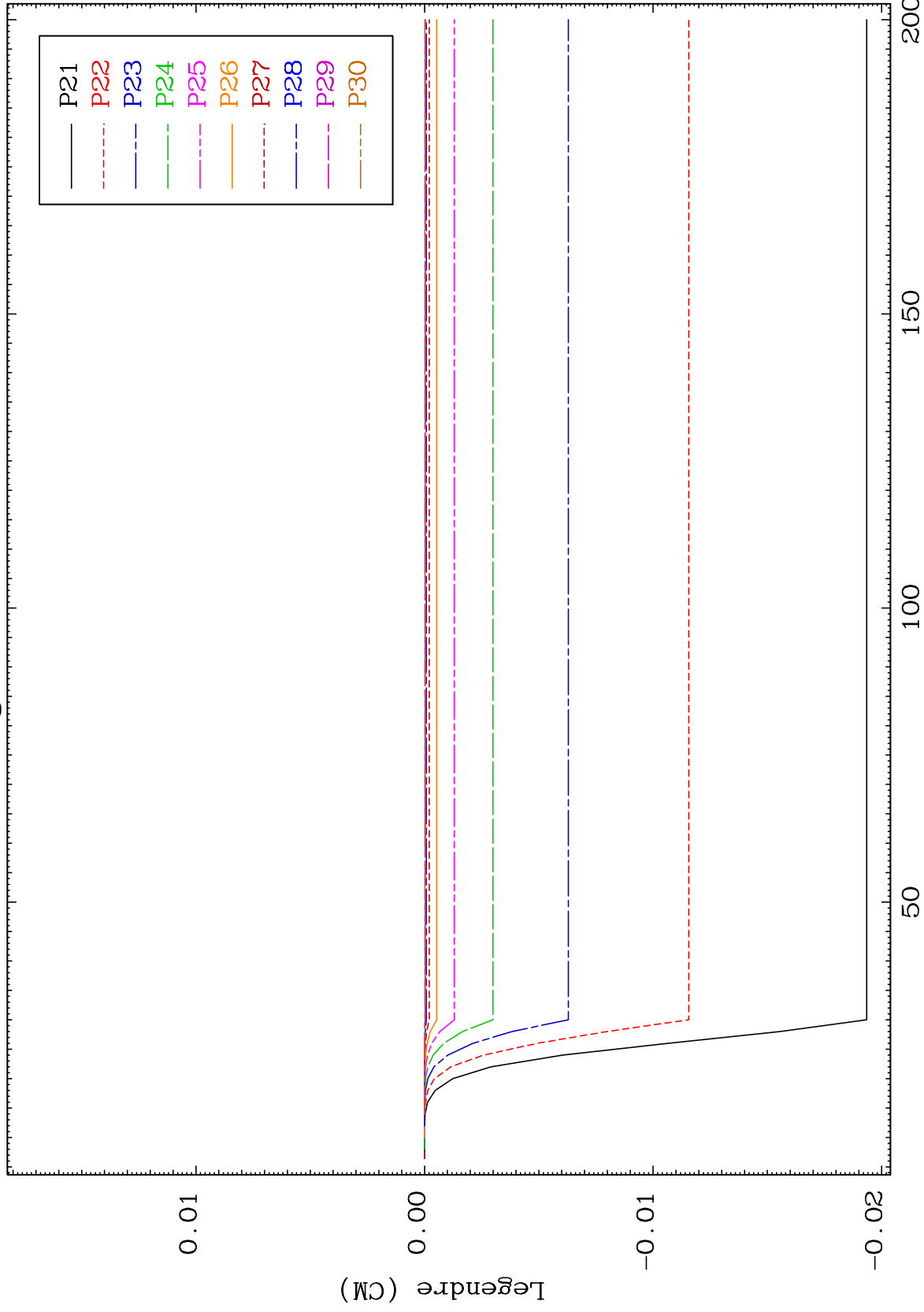
76-Os-189



MAT 7640

MT= 52 (n,n') Level
Legendre Coefficients

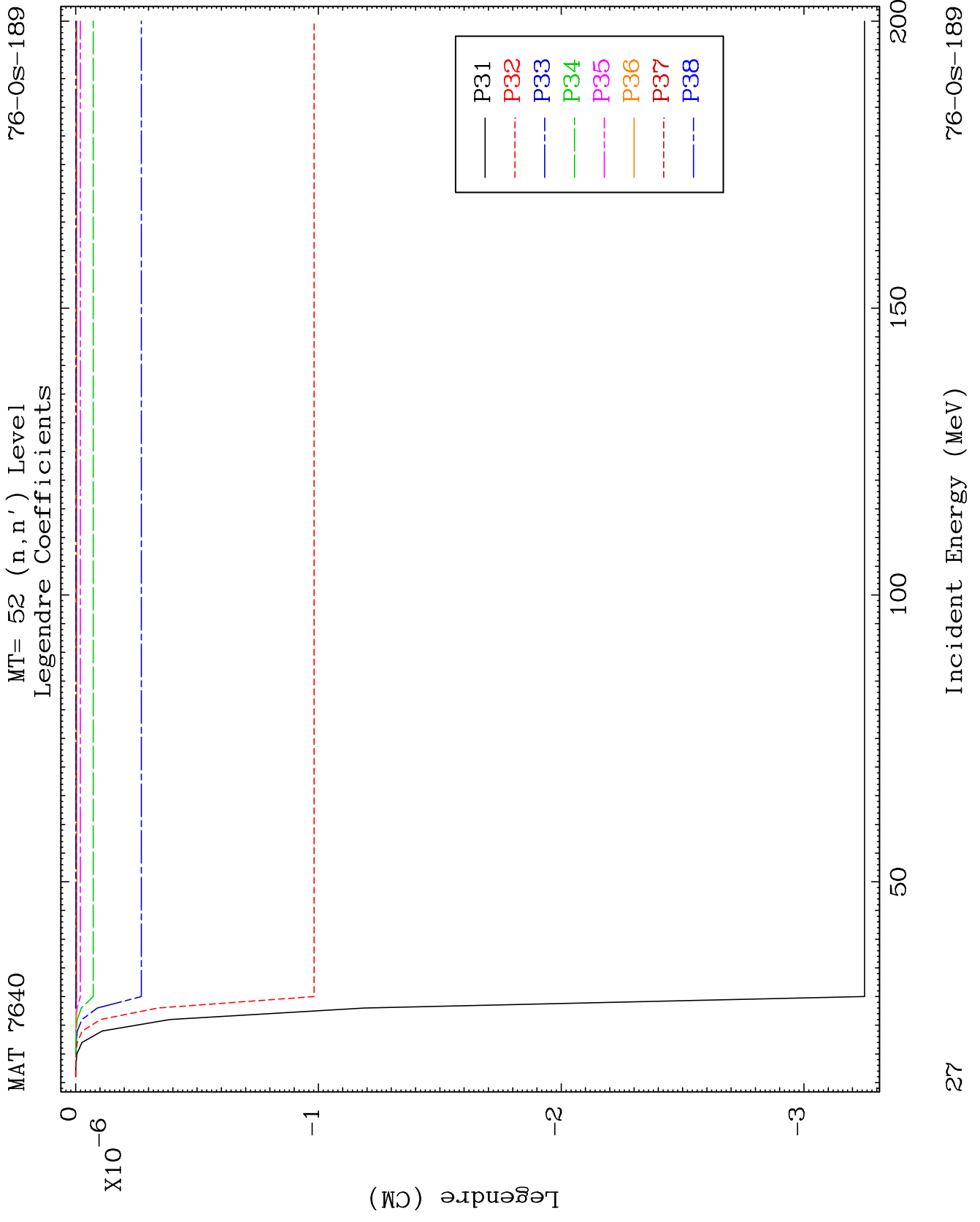
76-Os-189

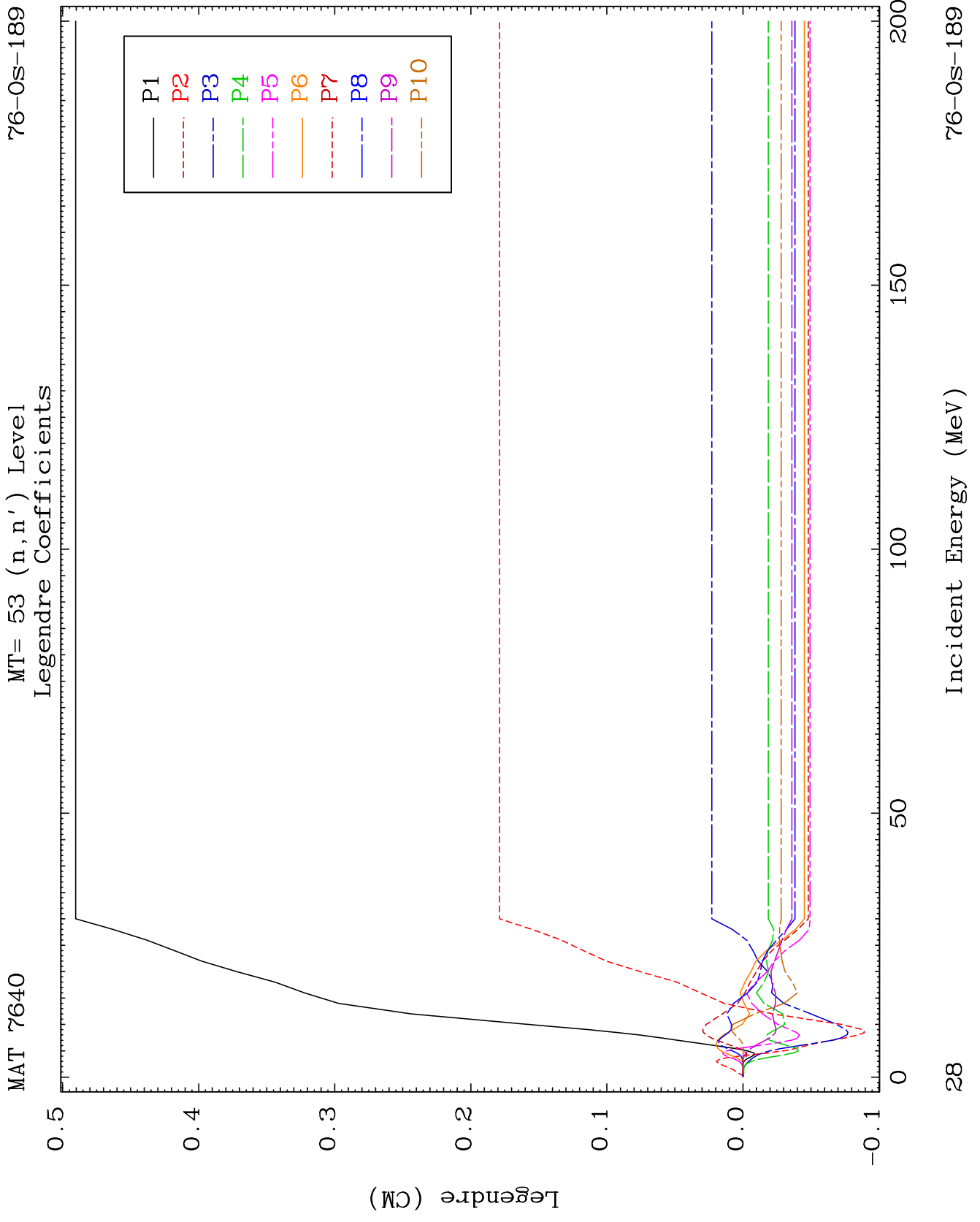


26

Incident Energy (MeV)

76-Os-189

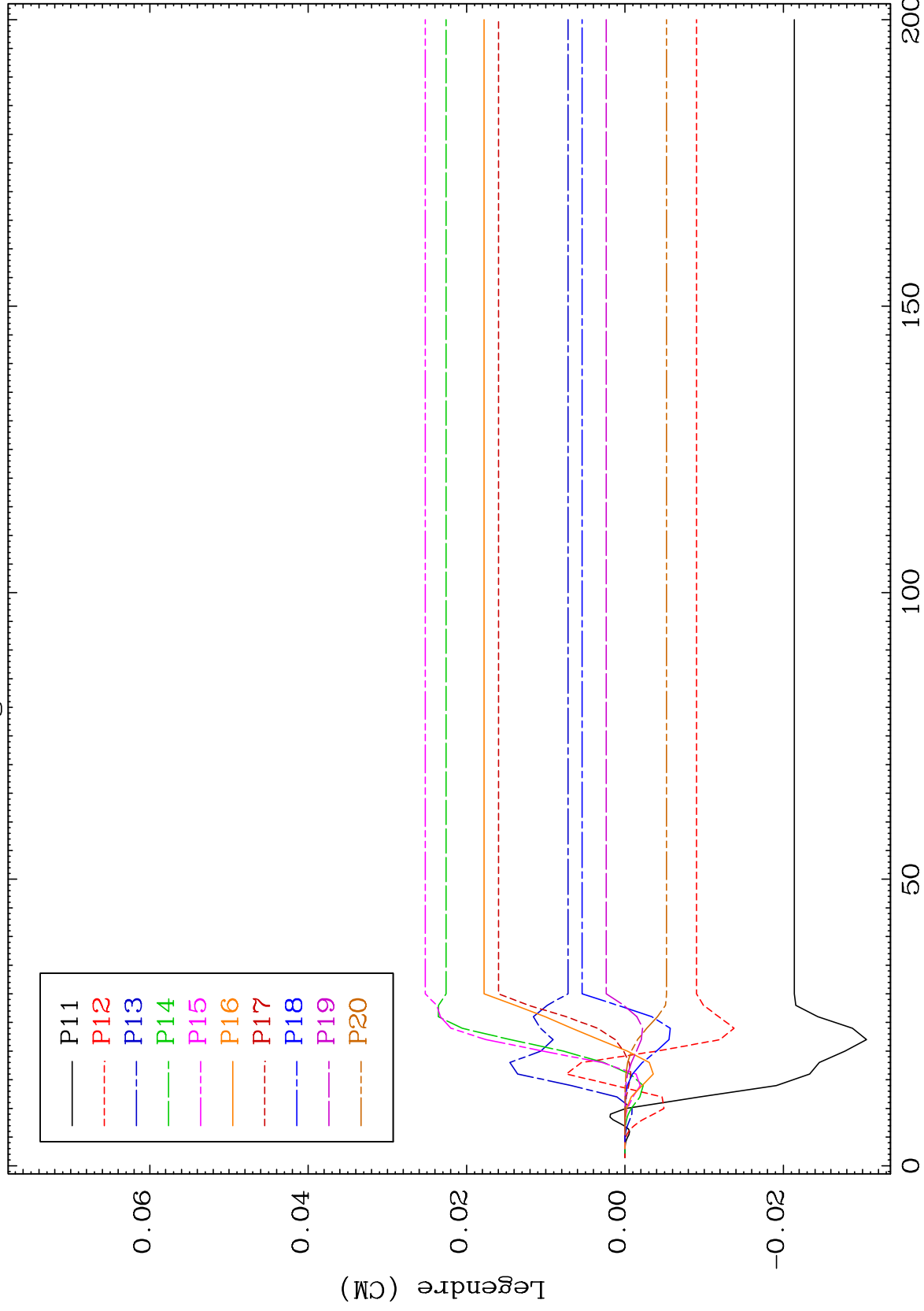




MAT 7640

MT= 53 (n,n') Level
Legendre Coefficients

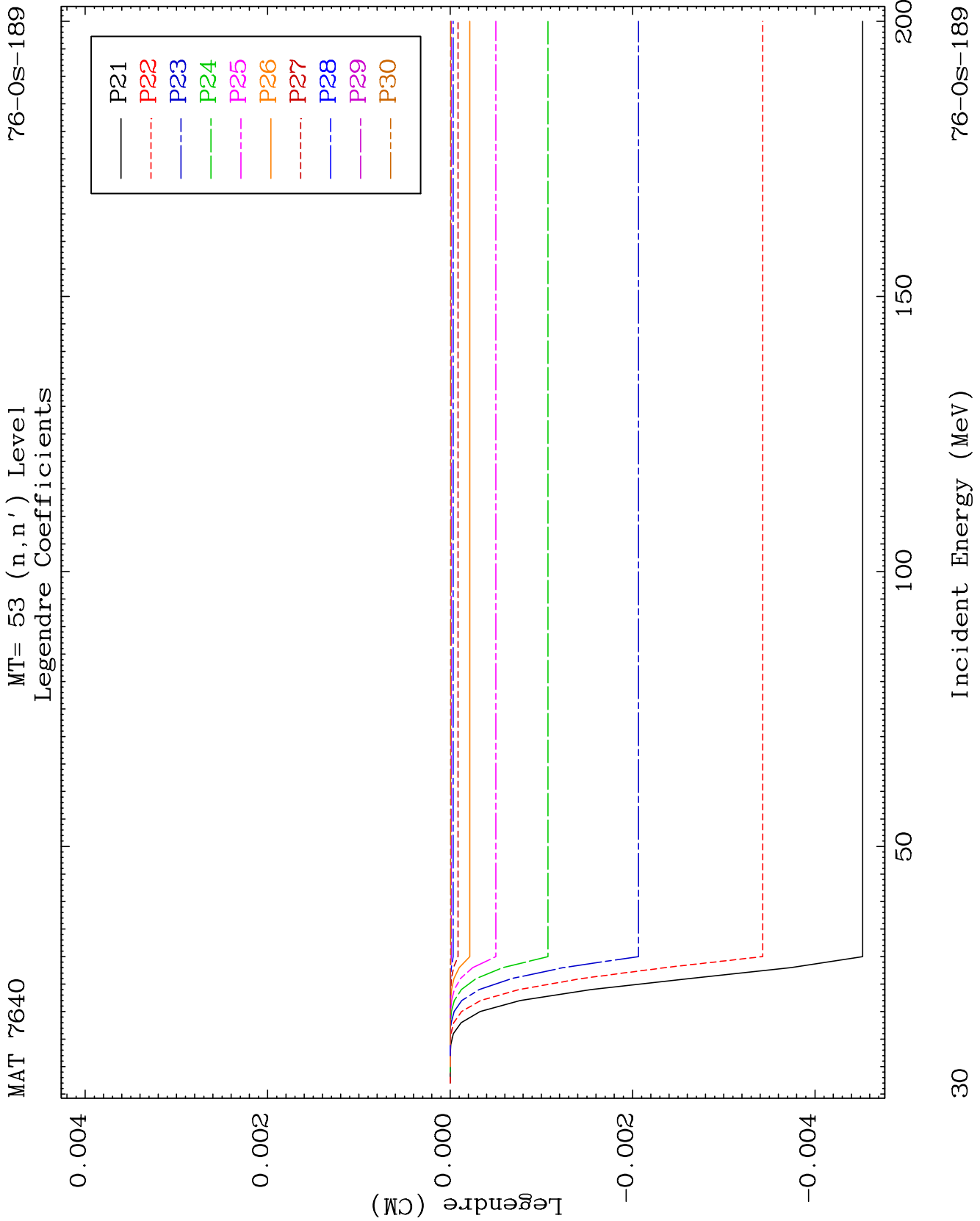
76-0s-189

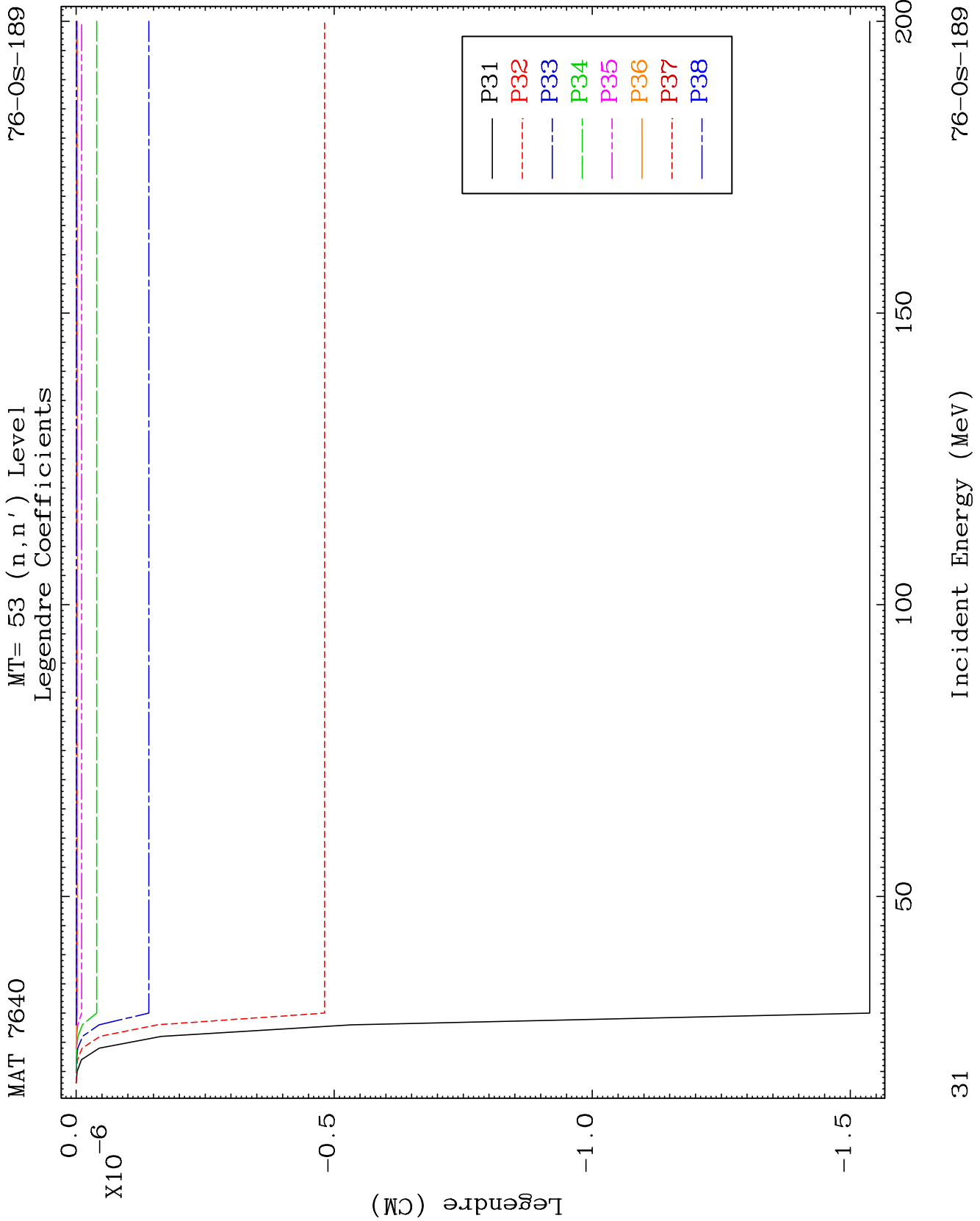


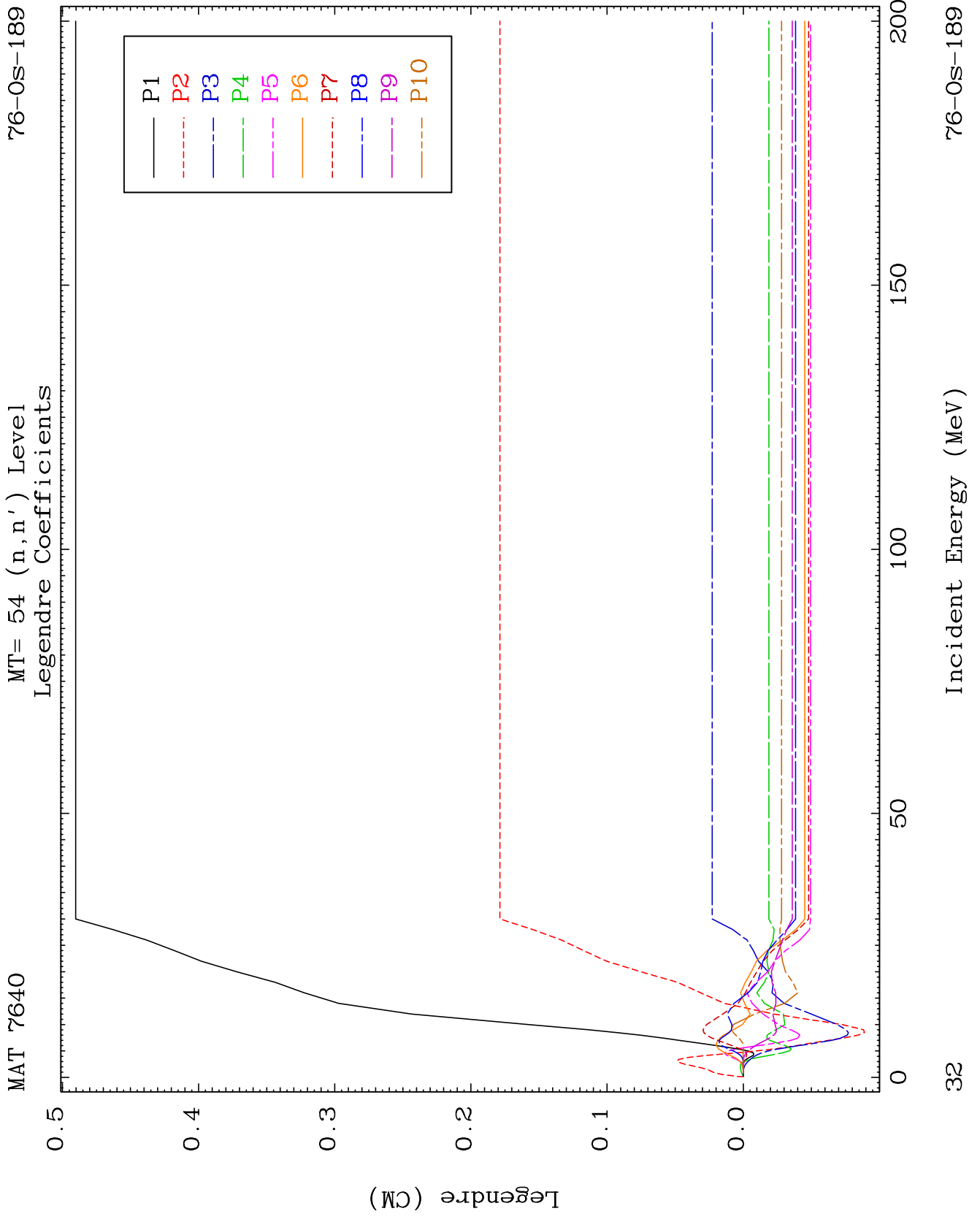
29

Incident Energy (MeV)

76-0s-189



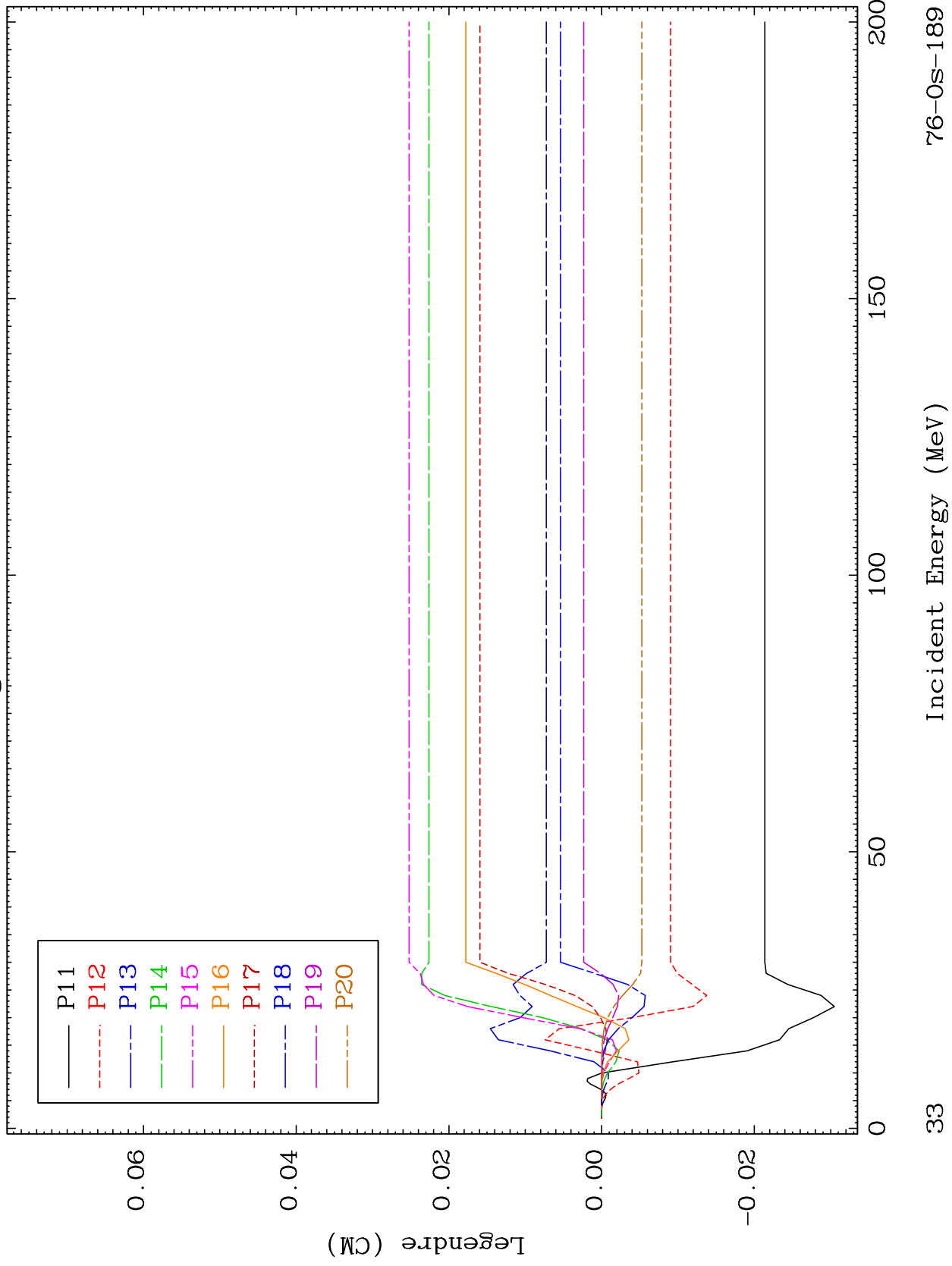




MAT 7640

MT= 54 (n,n') Level
Legendre Coefficients

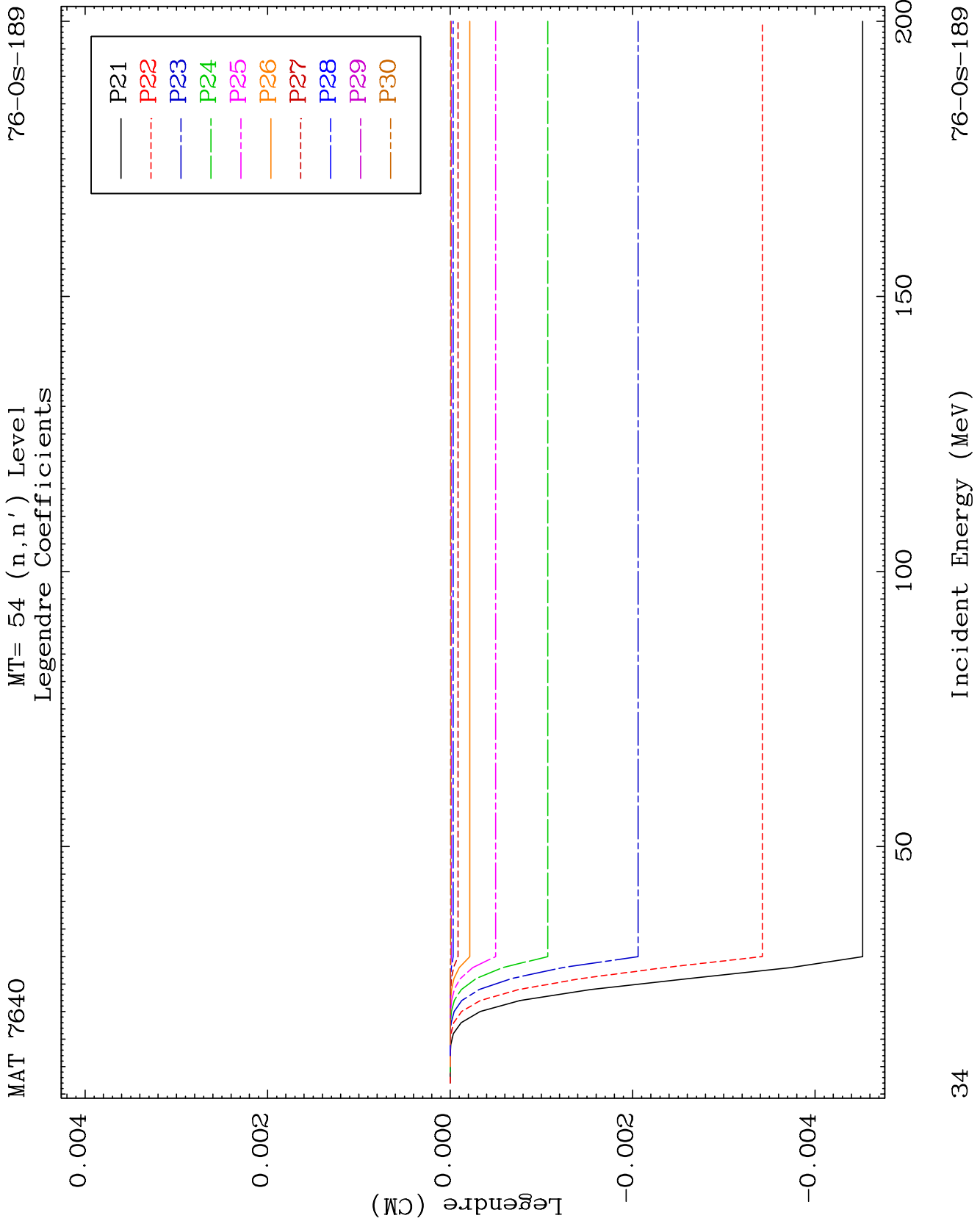
76-Os-189

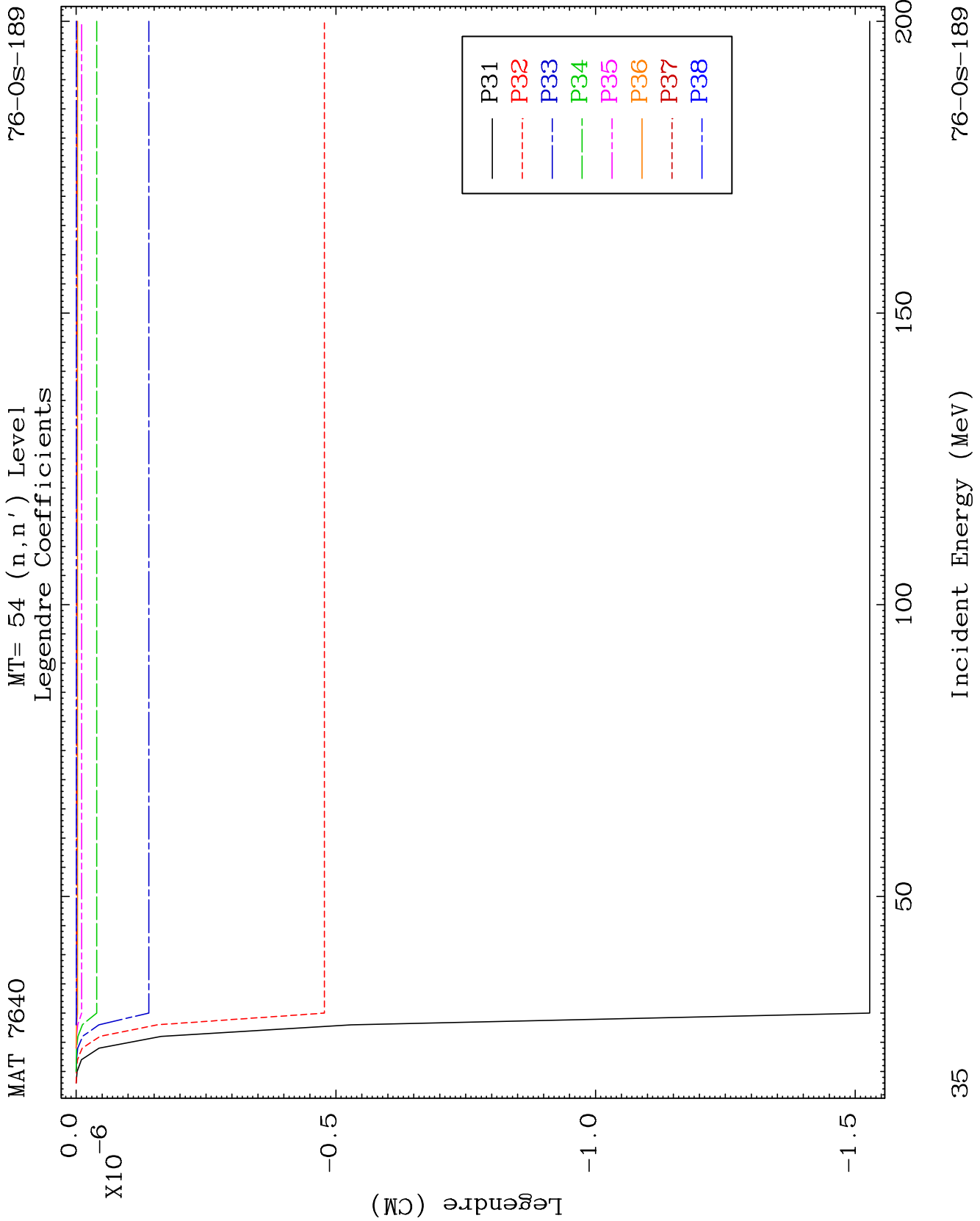


33

Incident Energy (MeV)

76-Os-189

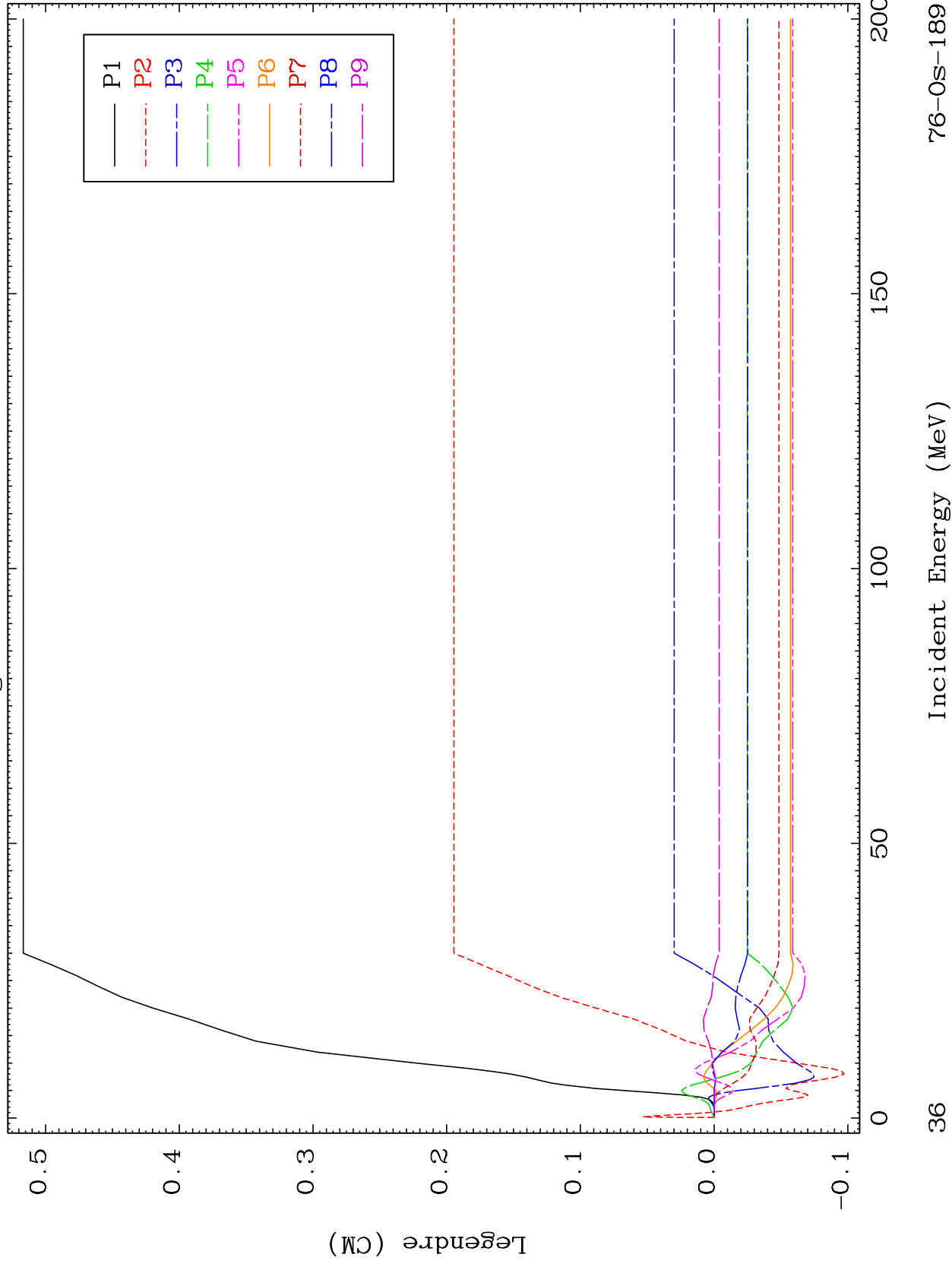




MAT 7640

MT= 55 (n,n') Level
Legendre Coefficients

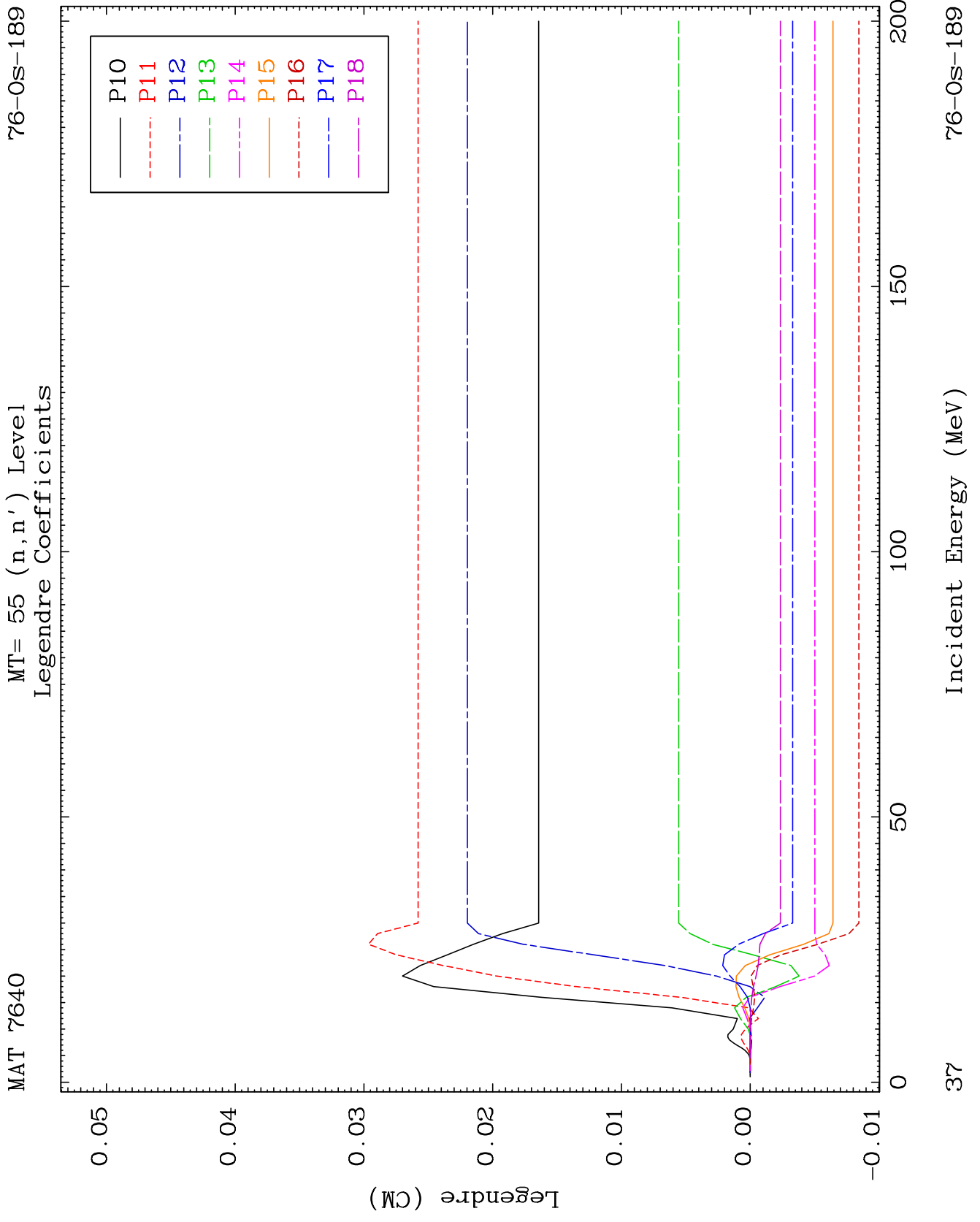
76-Os-189



76-Os-189

Incident Energy (MeV)

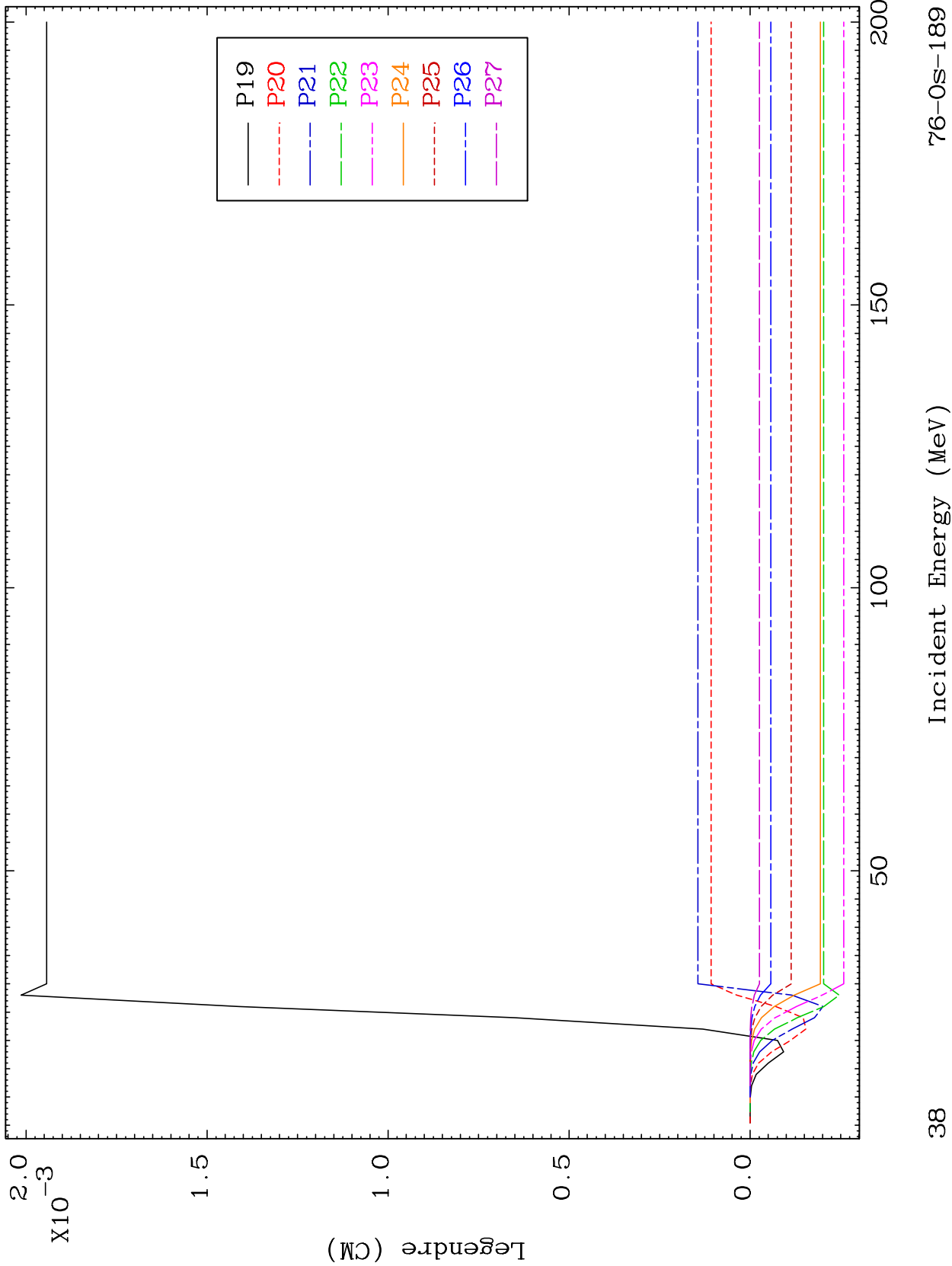
36



MAT 7640

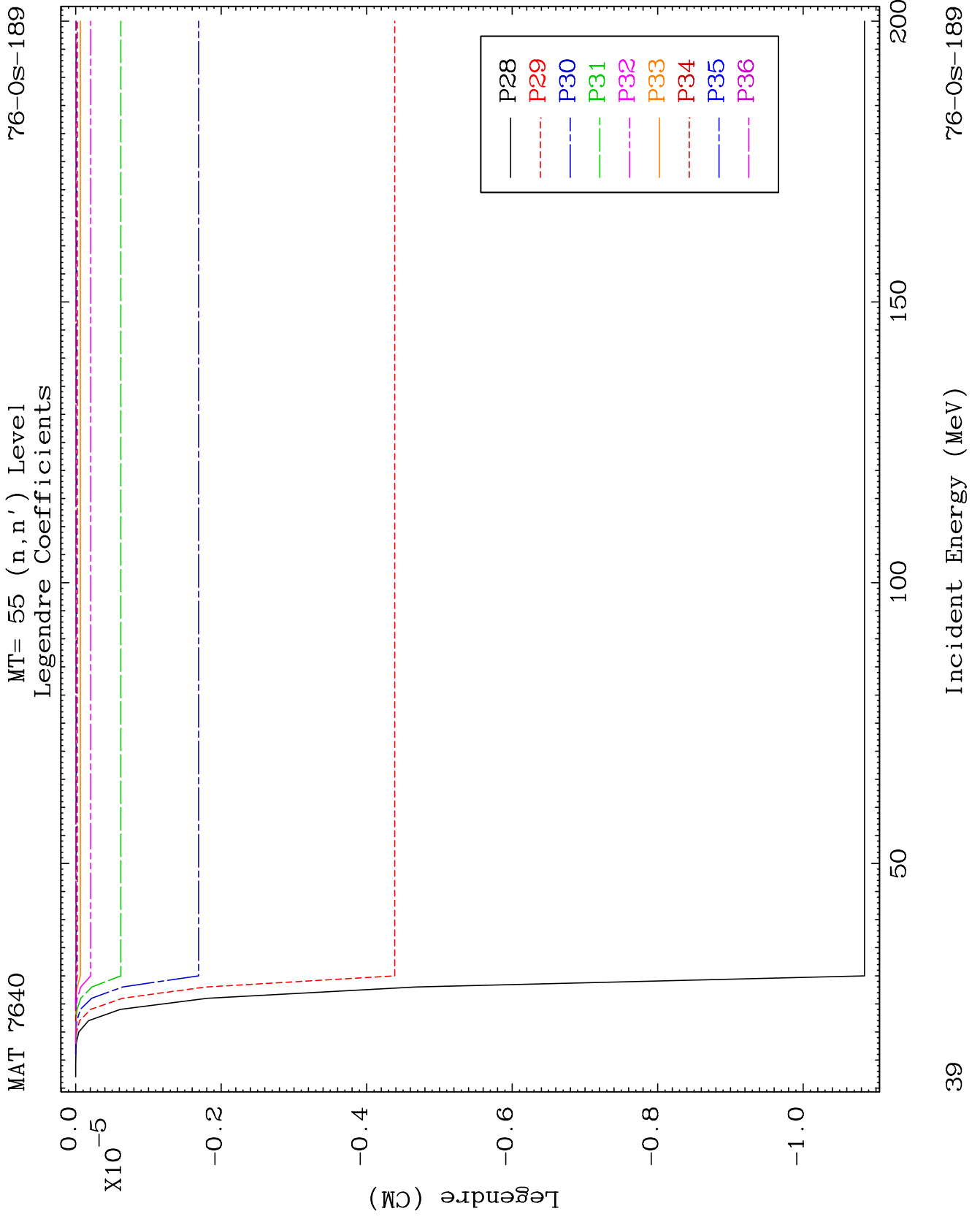
MT= 55 (n,n') Level
Legendre Coefficients

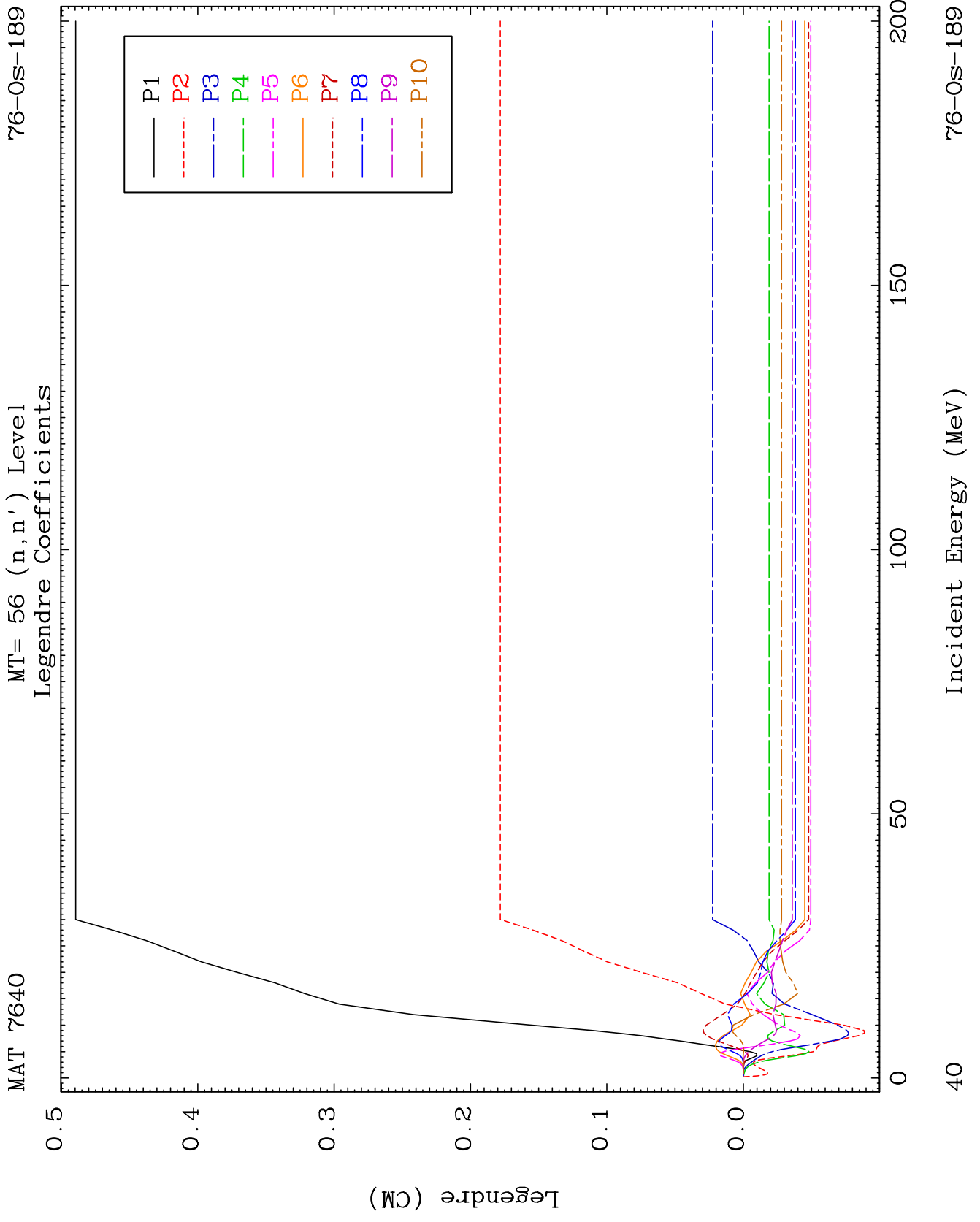
76-Os-189



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76-Os-189

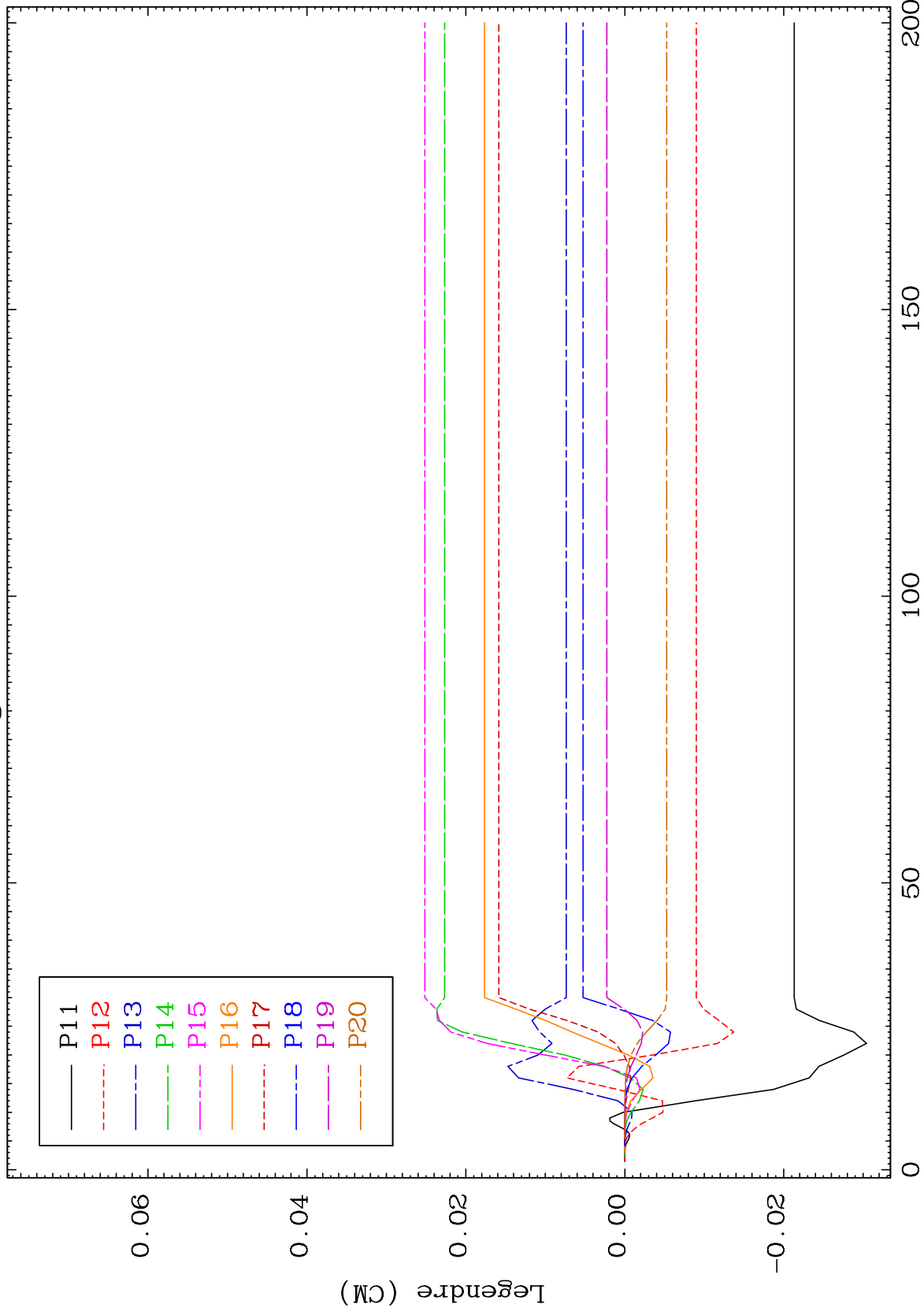




MAT 7640

MT= 56 (n,n') Level
Legendre Coefficients

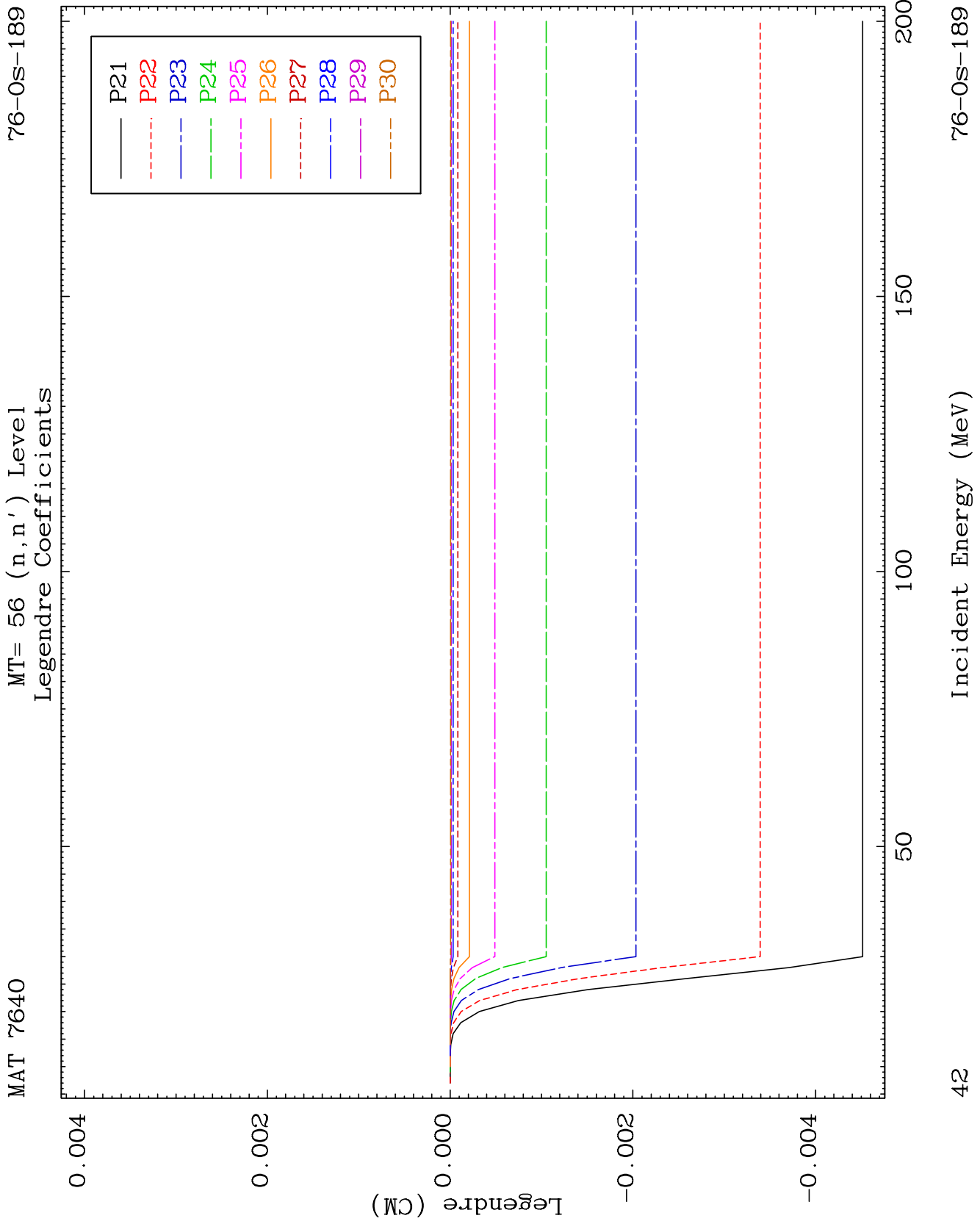
76-0s-189

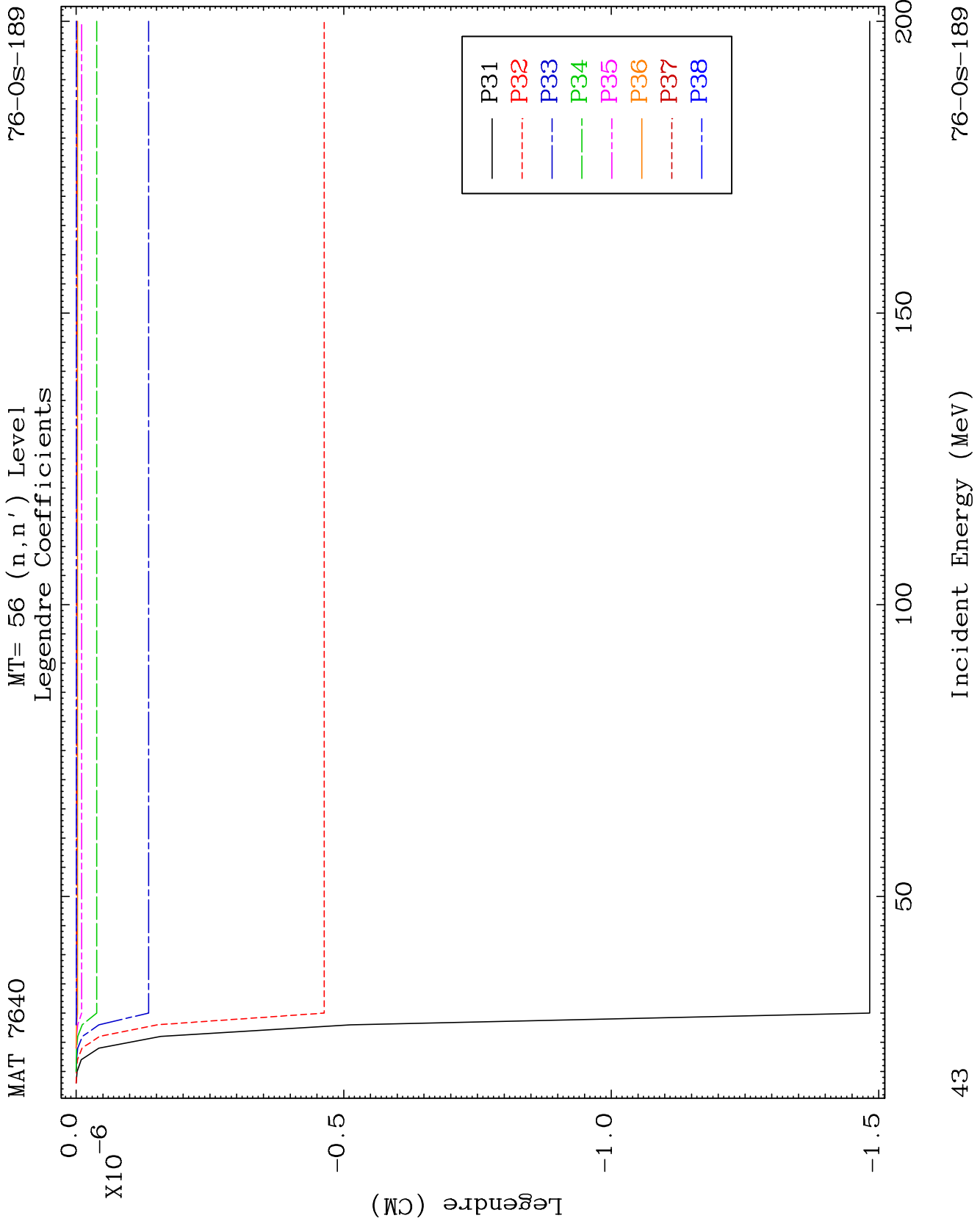


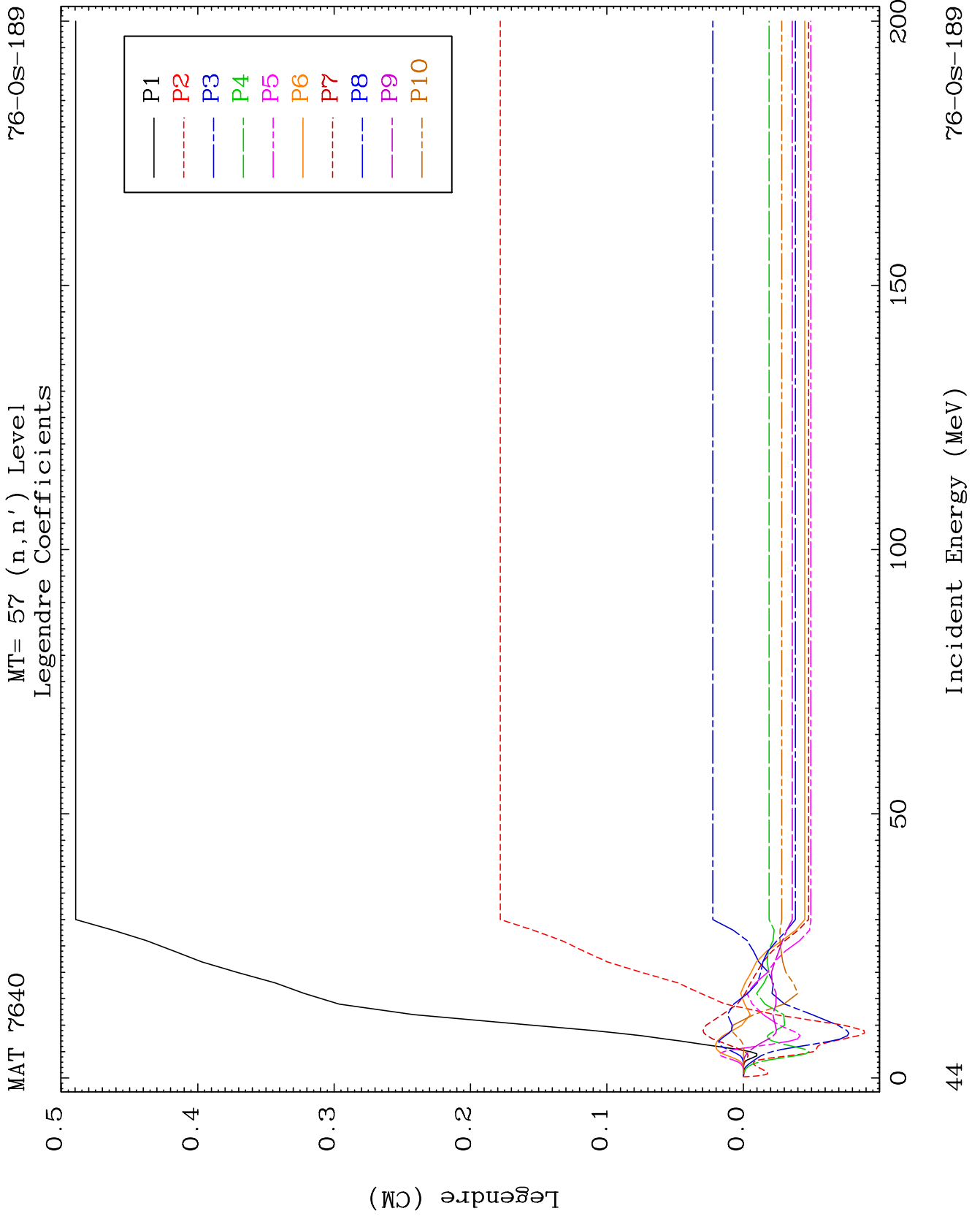
41

Incident Energy (MeV)

76-0s-189



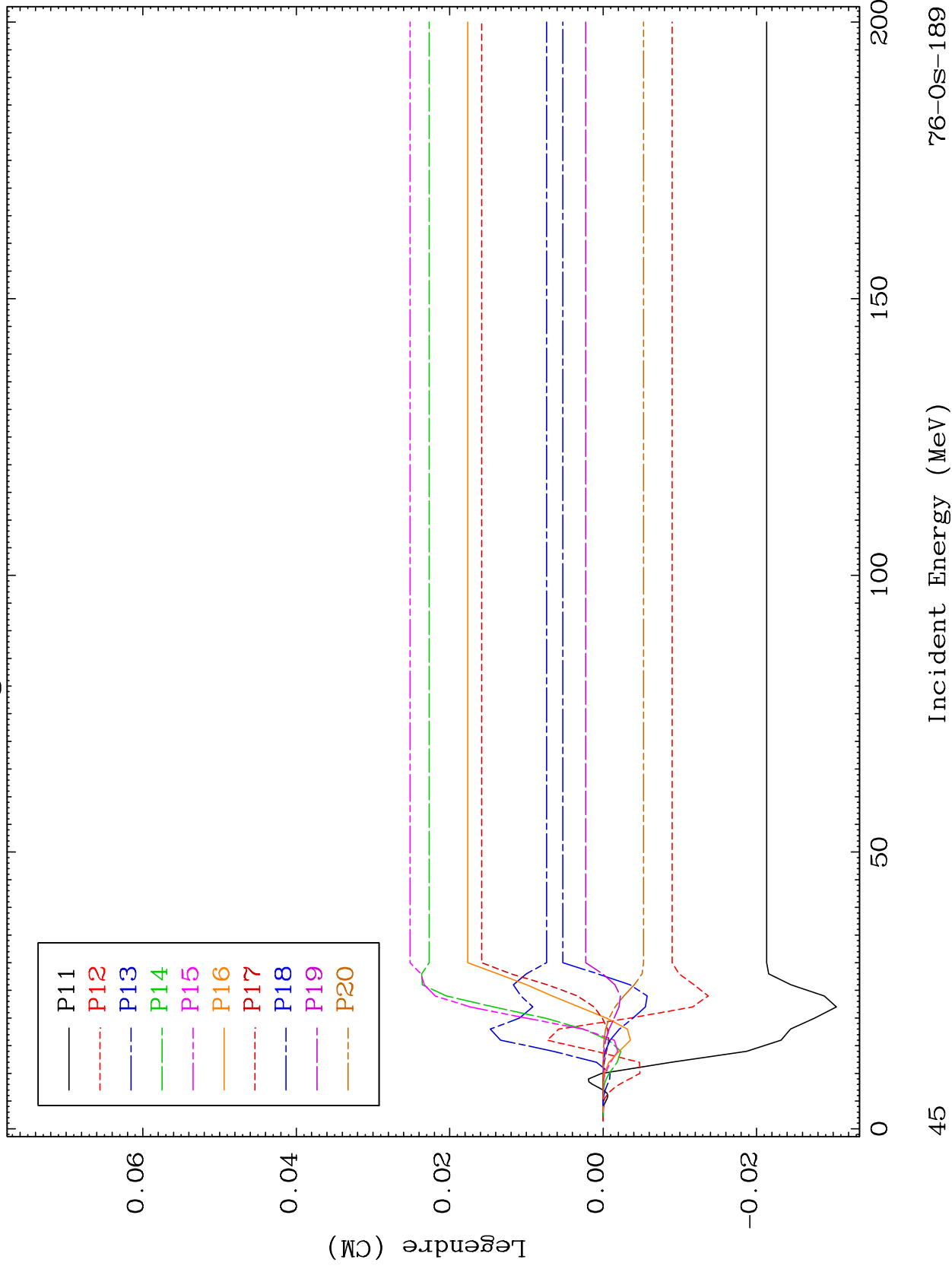




MAT 7640

MT= 57 (n,n') Level
Legendre Coefficients

76-0s-189



76-0s-189

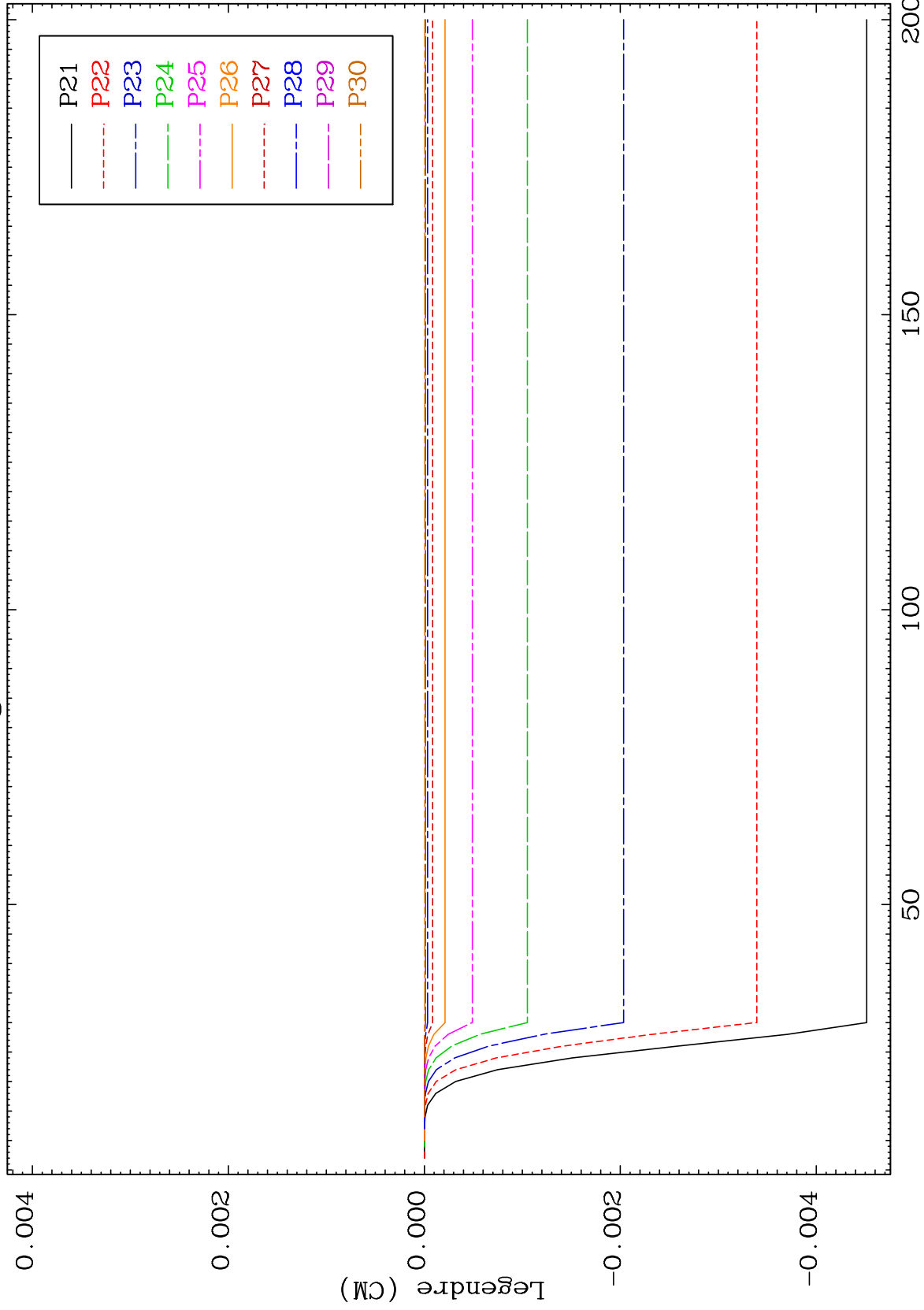
Incident Energy (MeV)

45

MAT 7640

MT= 57 (n,n') Level
Legendre Coefficients

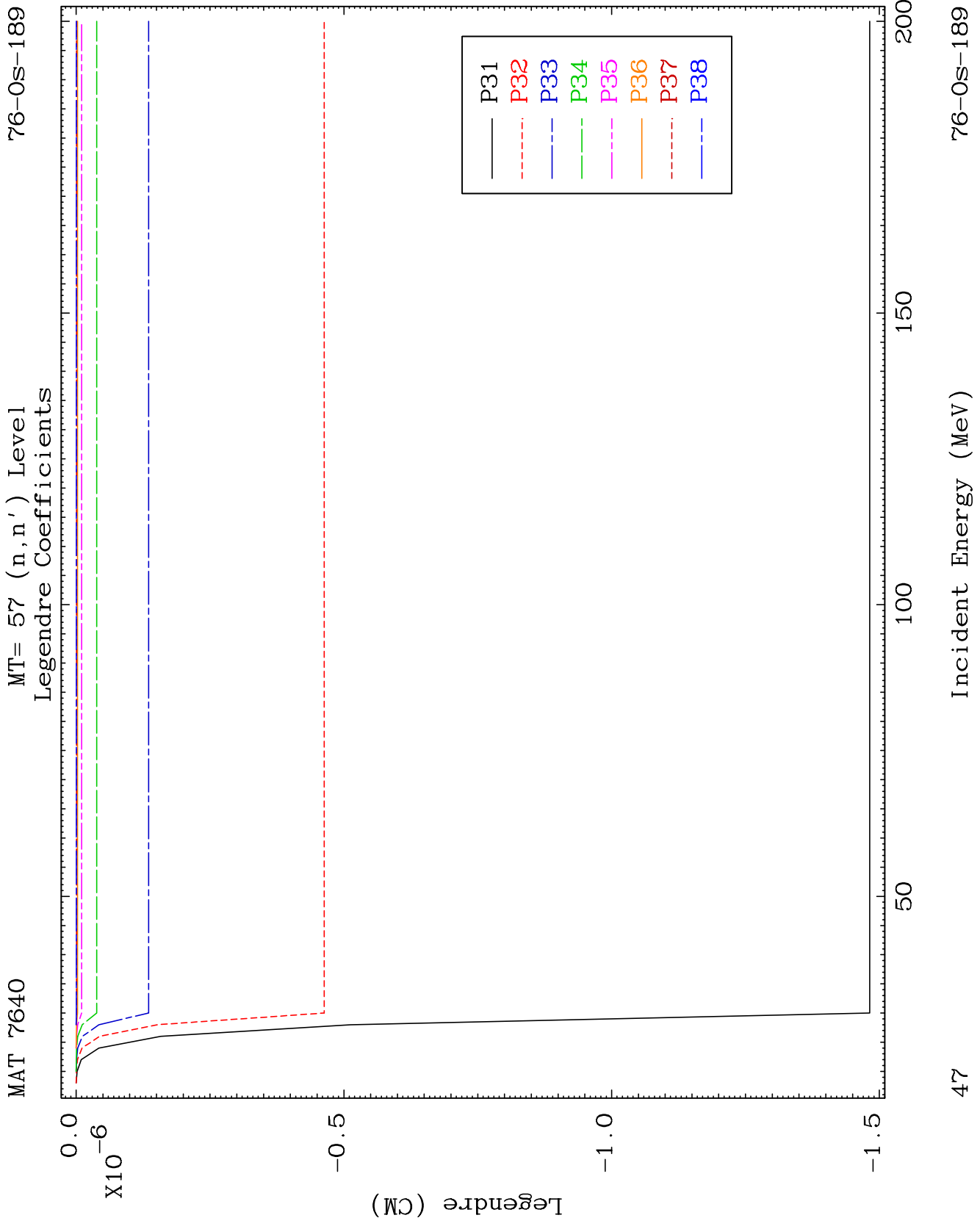
76-Os-189



46

Incident Energy (MeV)

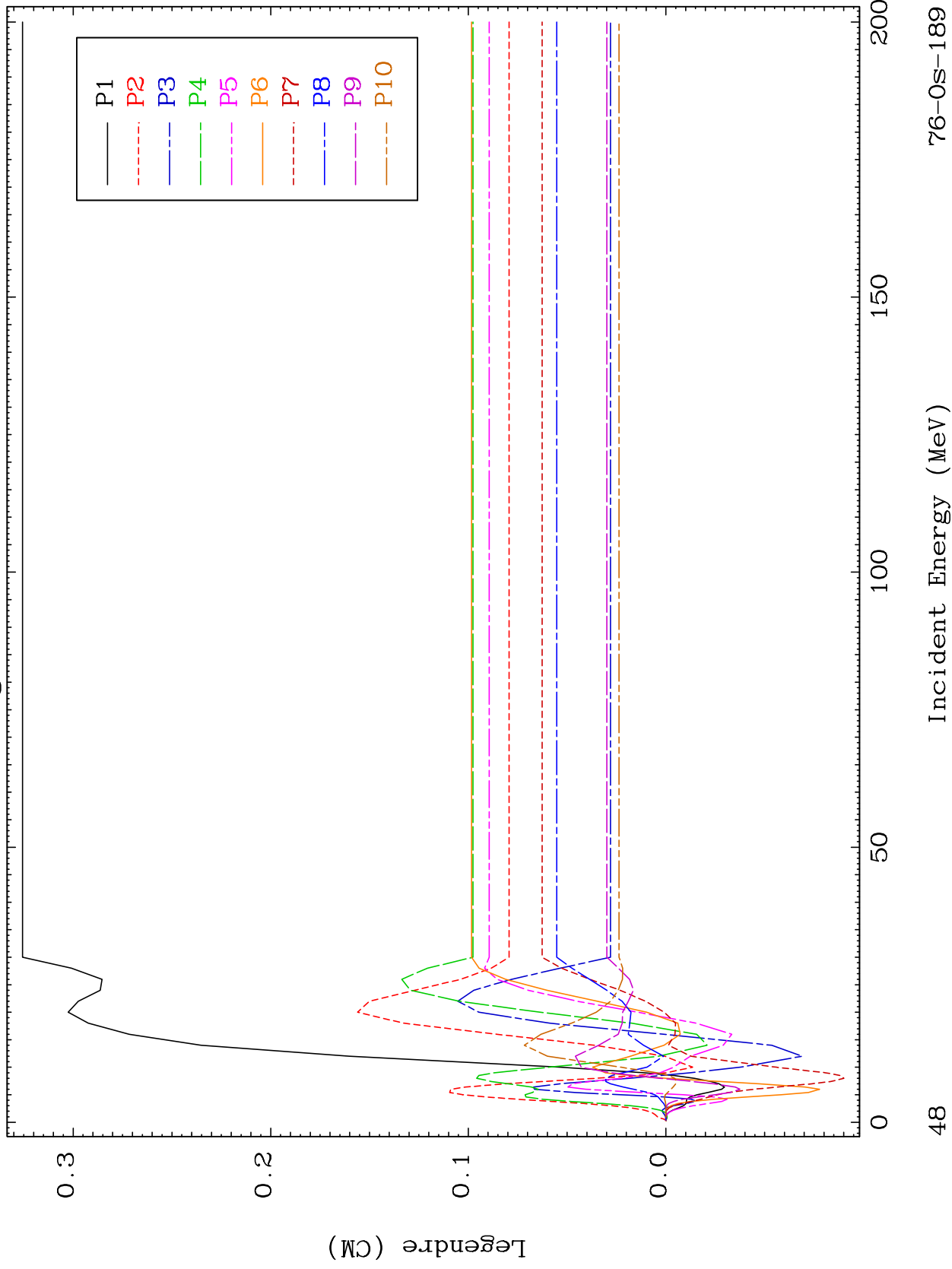
76-Os-189



MAT 7640

MT= 58 (n,n') Level
Legendre Coefficients

76-Os-189



76-Os-189

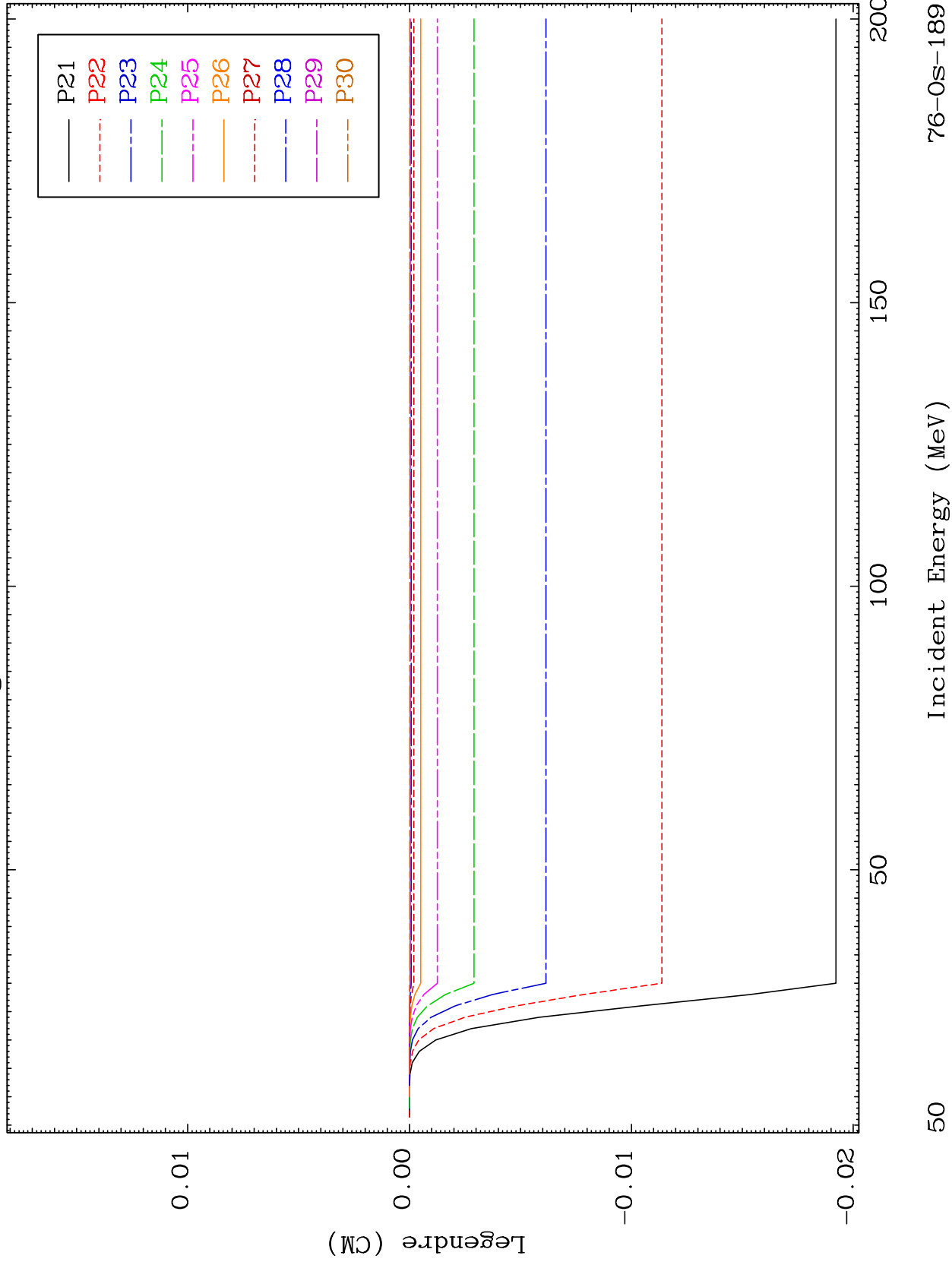
Incident Energy (MeV)

48

MAT 7640

MT= 58 (n,n') Level
Legendre Coefficients

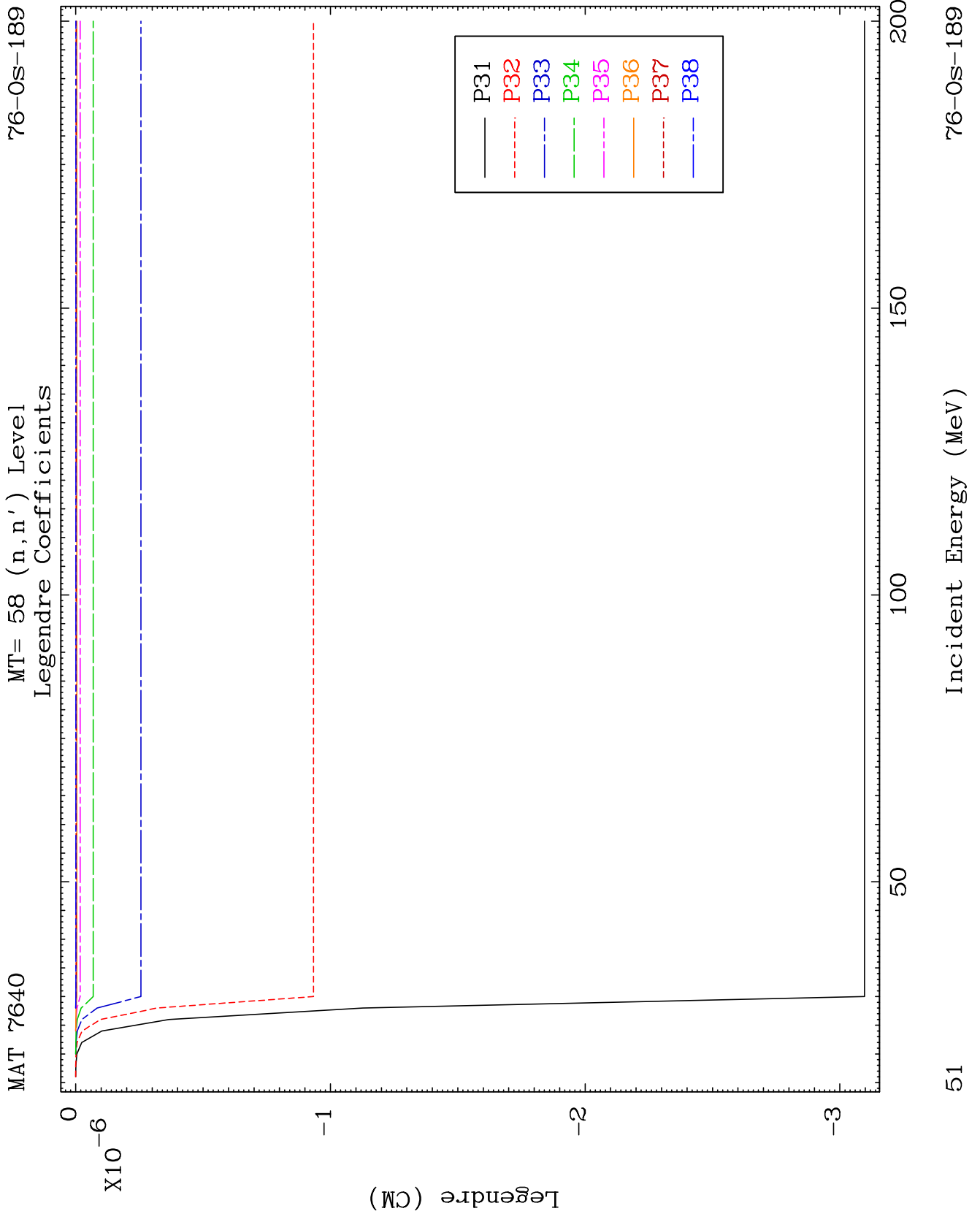
76-Os-189

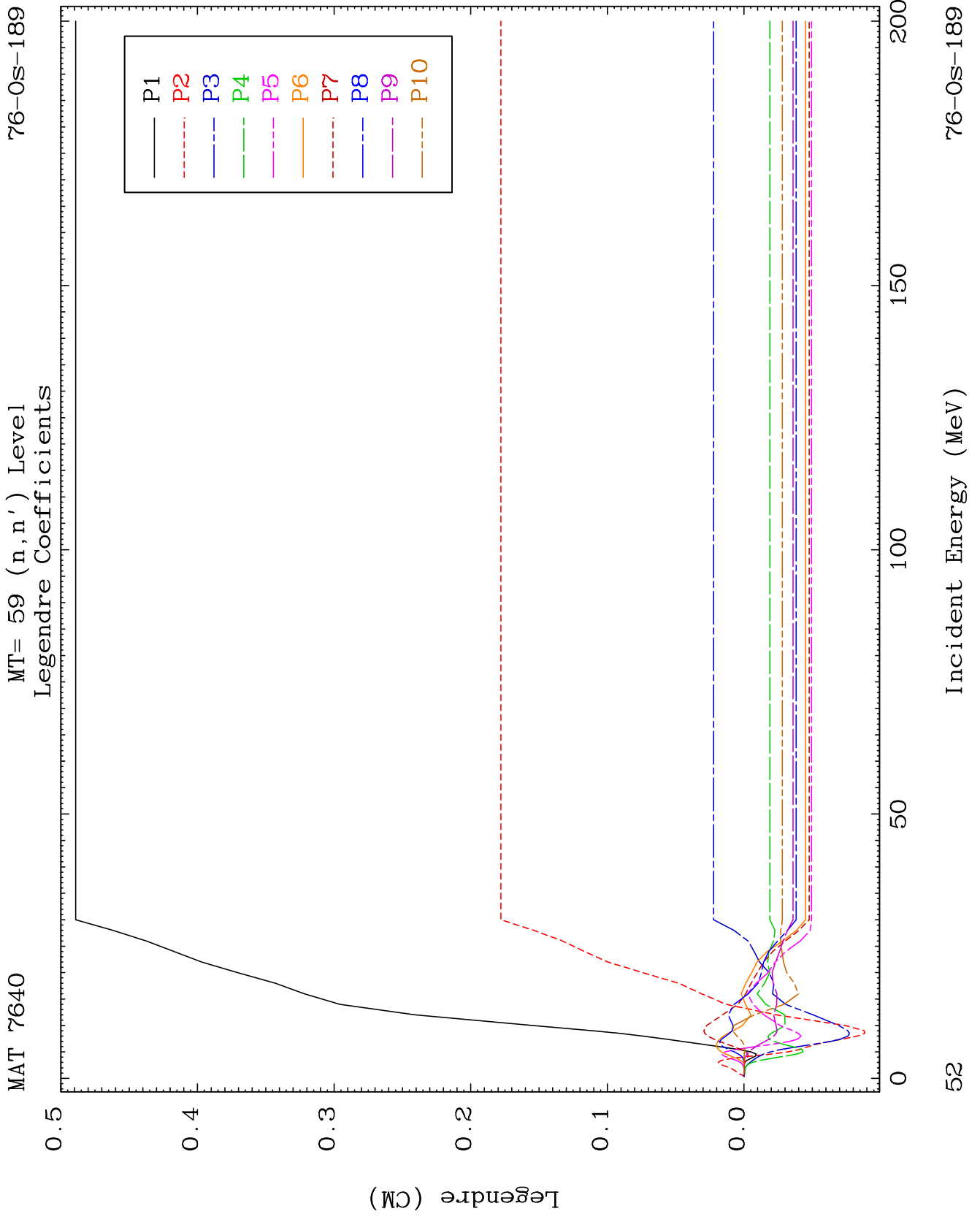


76-Os-189

Incident Energy (MeV)

50

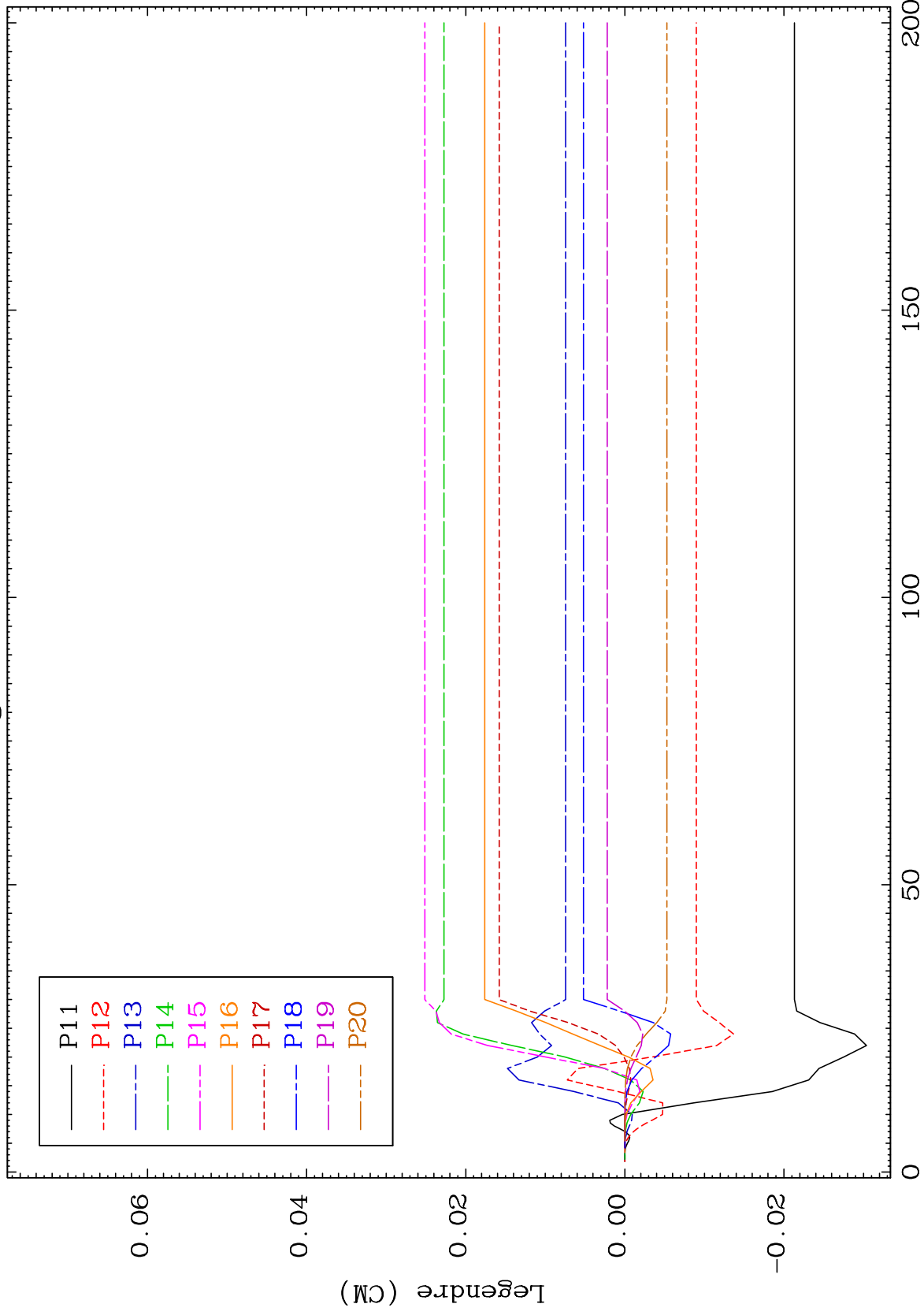




MAT 7640

MT= 59 (n,n') Level
Legendre Coefficients

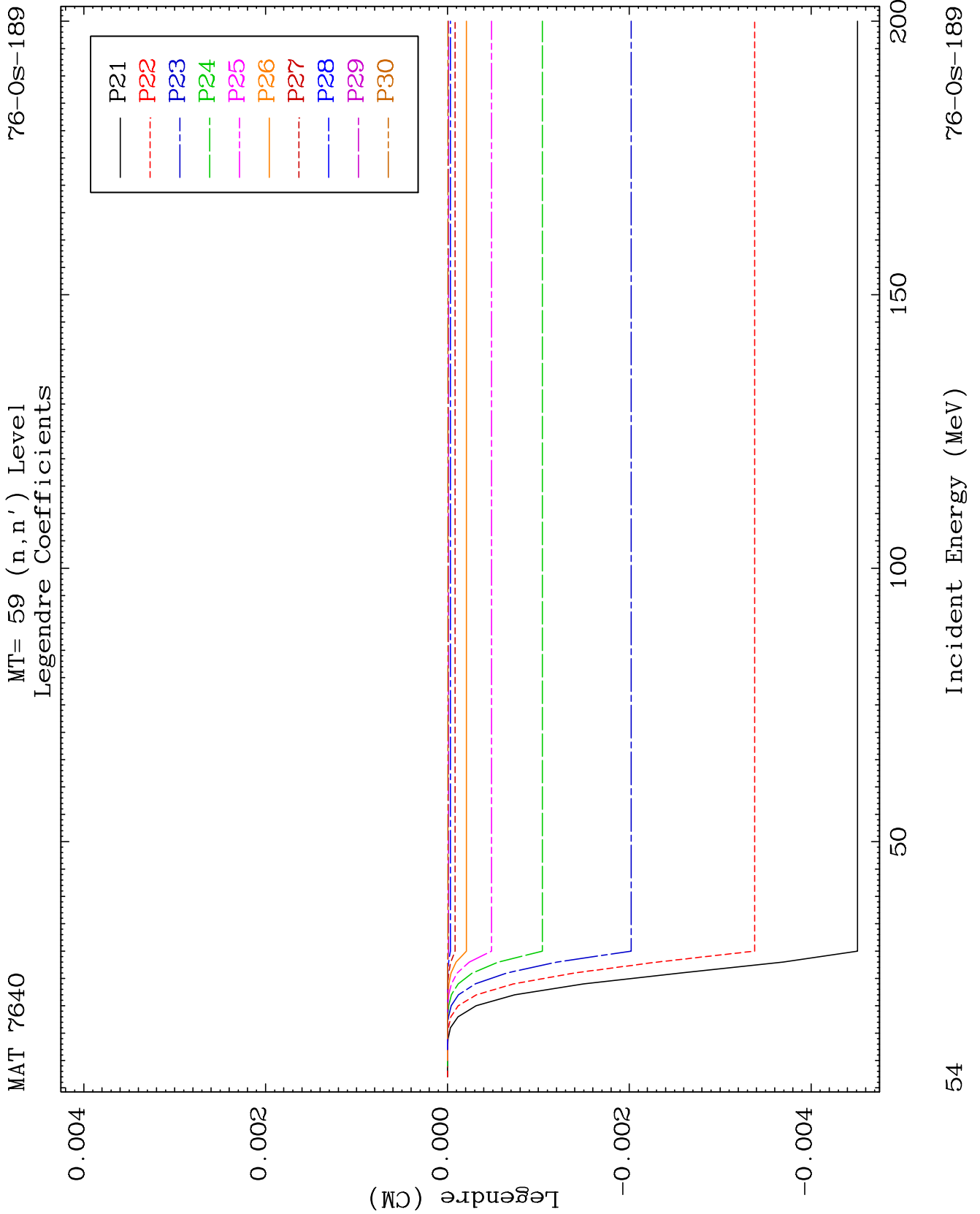
76-0s-189

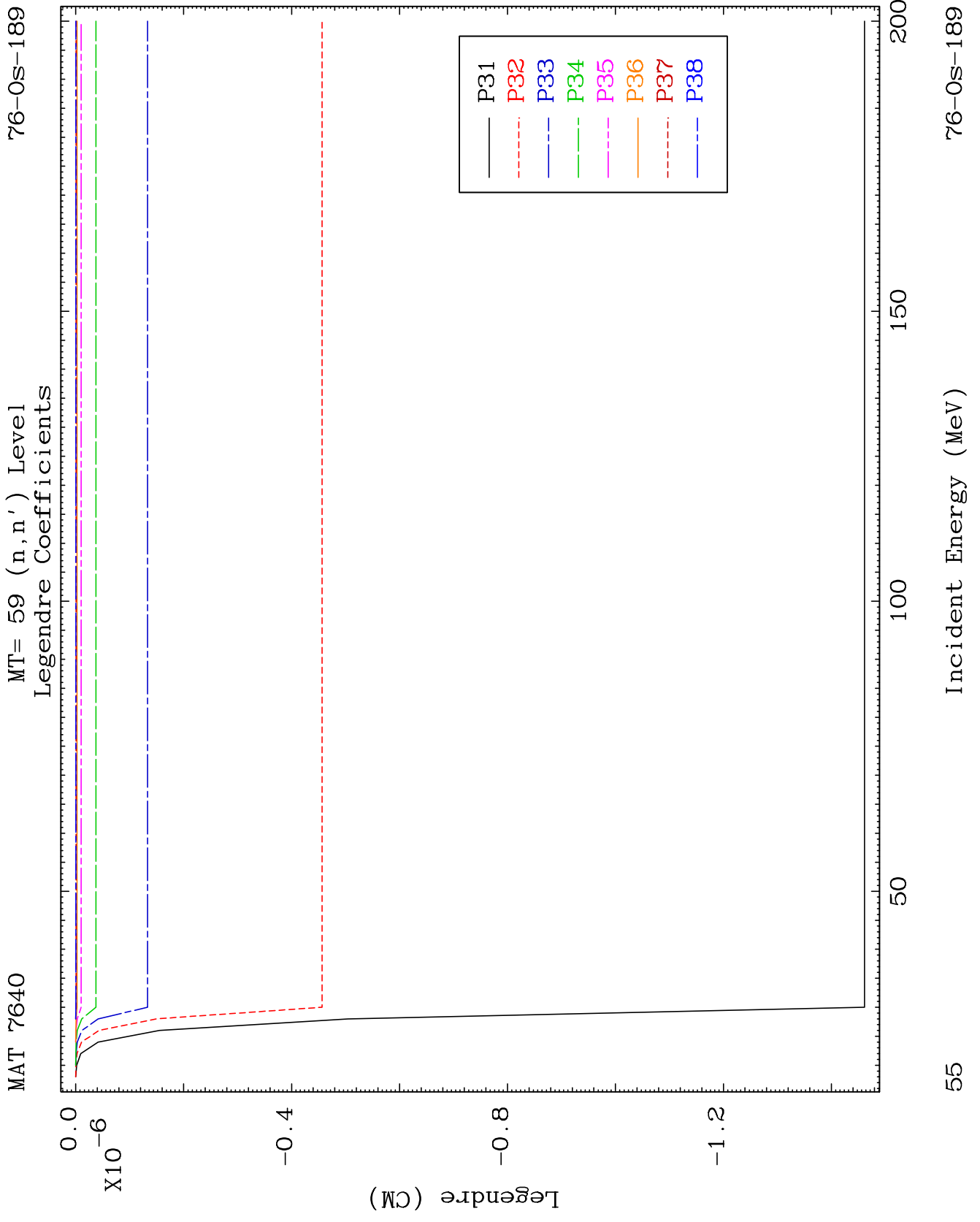


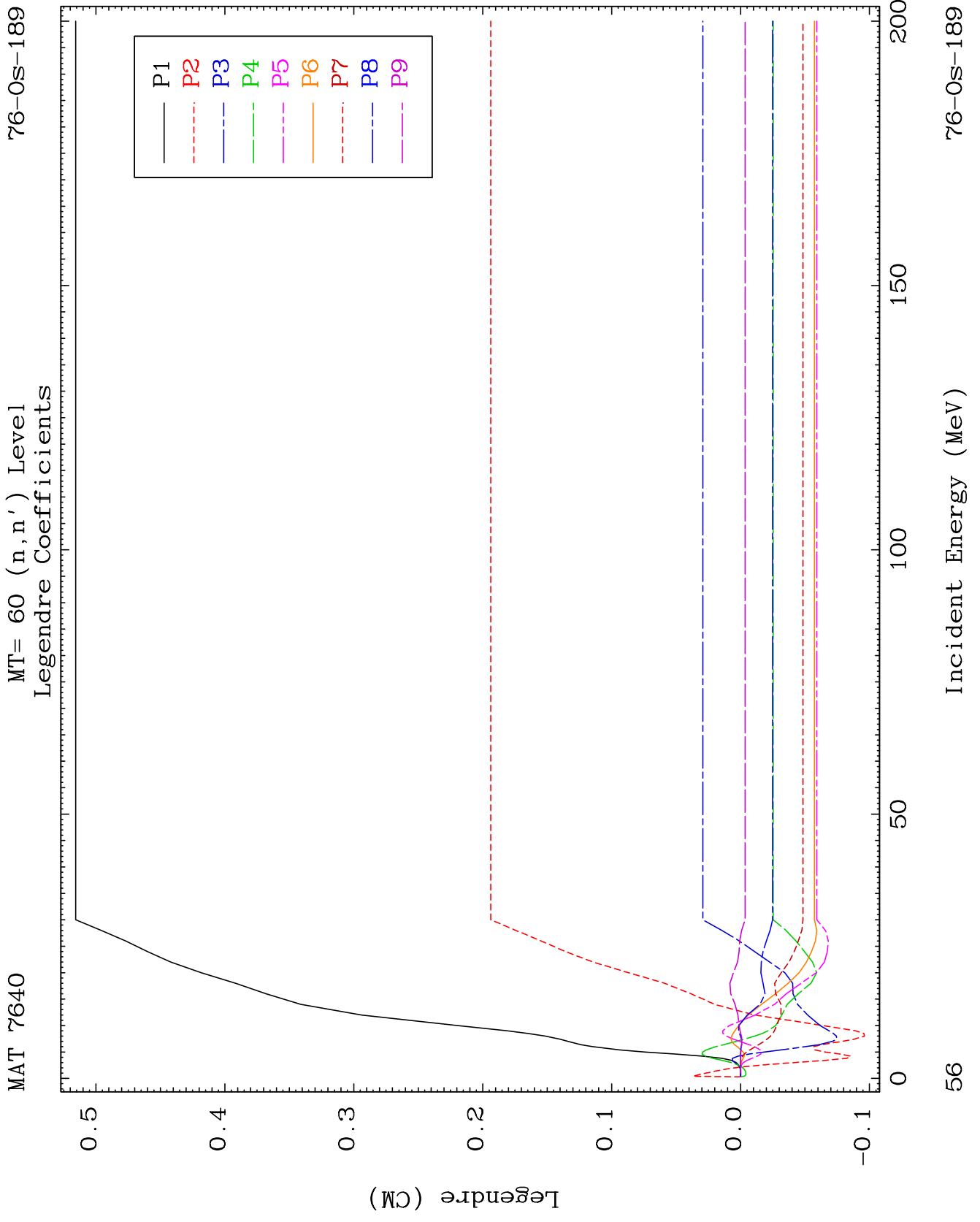
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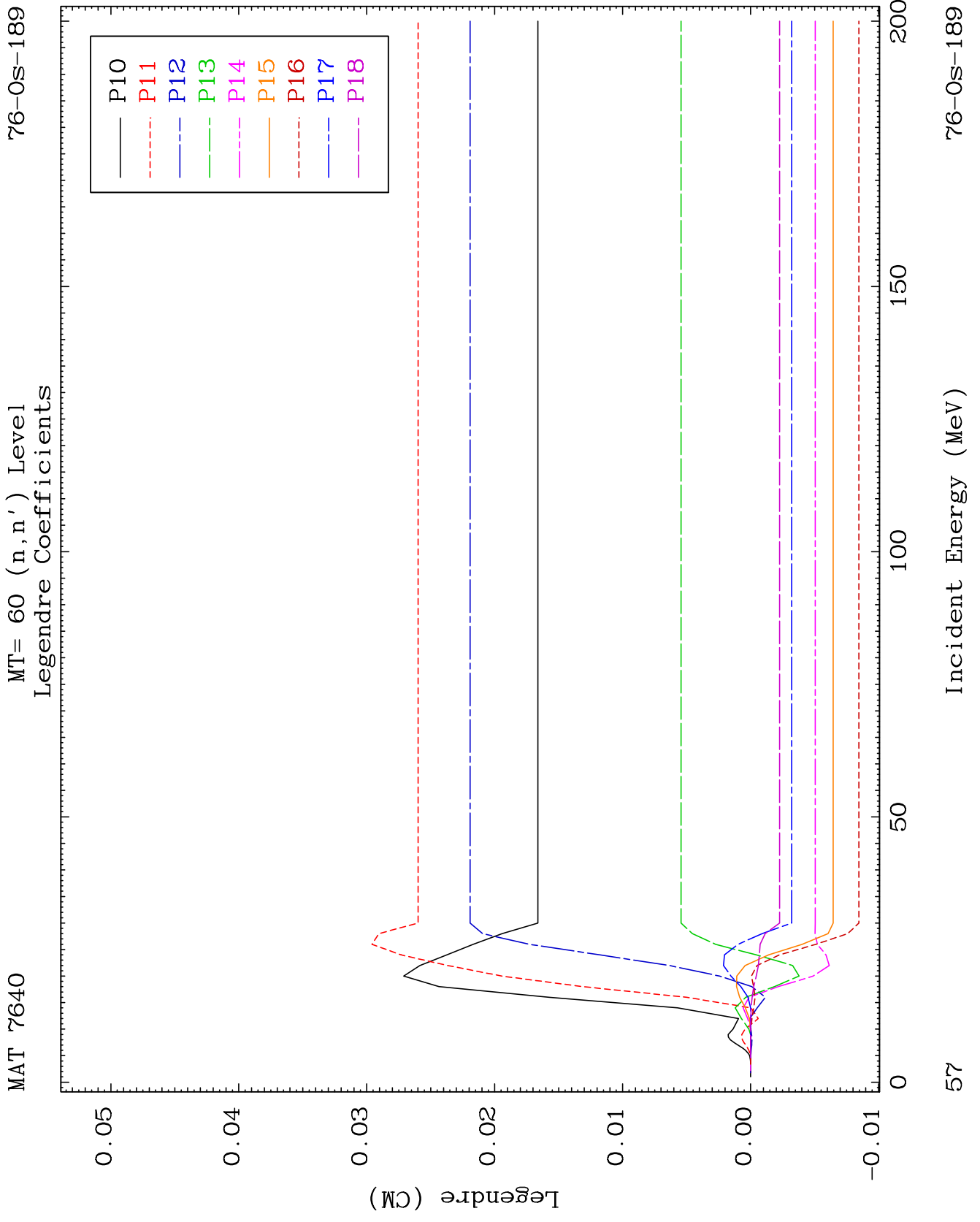
Incident Energy (MeV)

76-0s-189





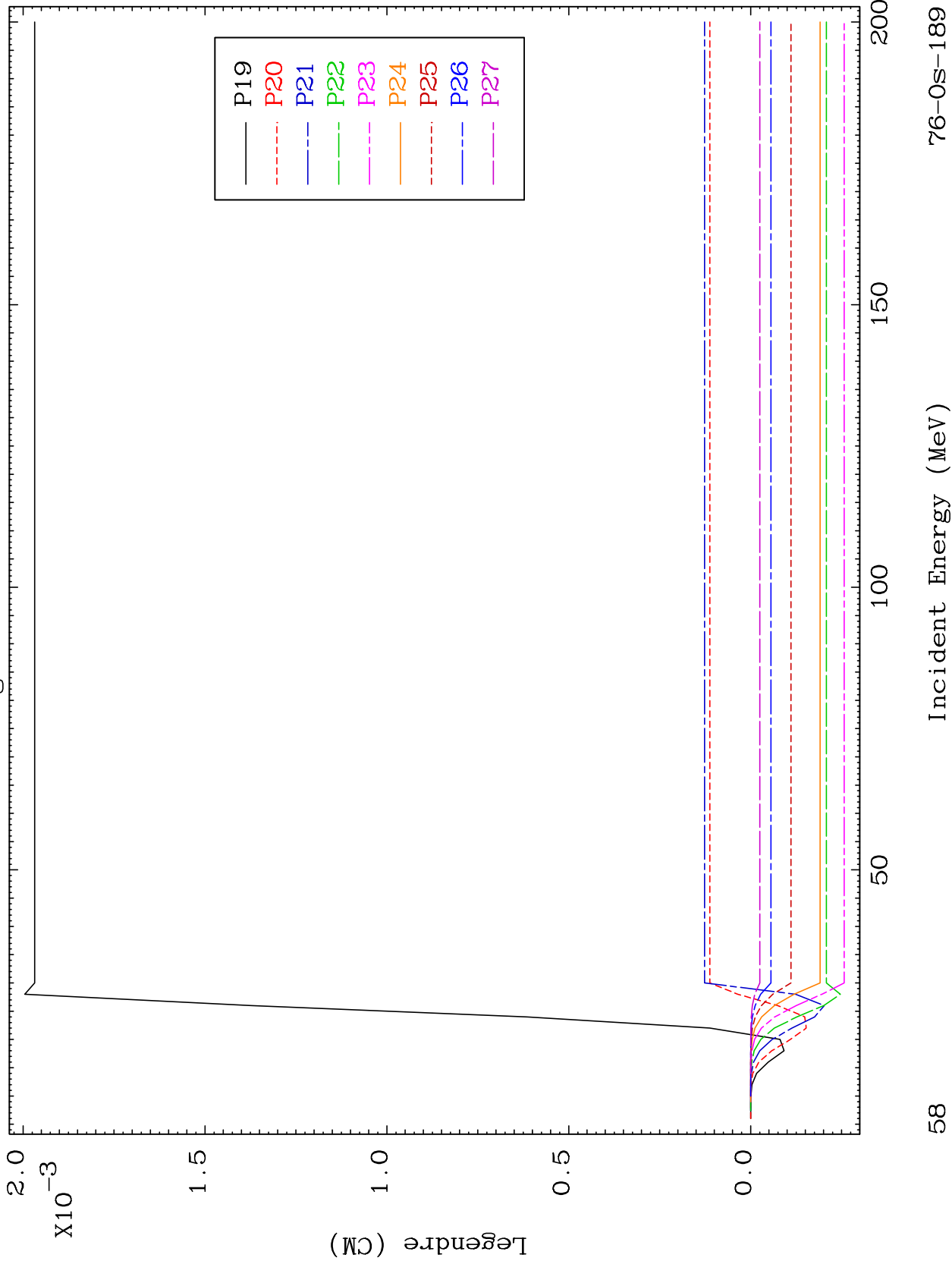




MAT 7640

MT= 60 (n,n') Level
Legendre Coefficients

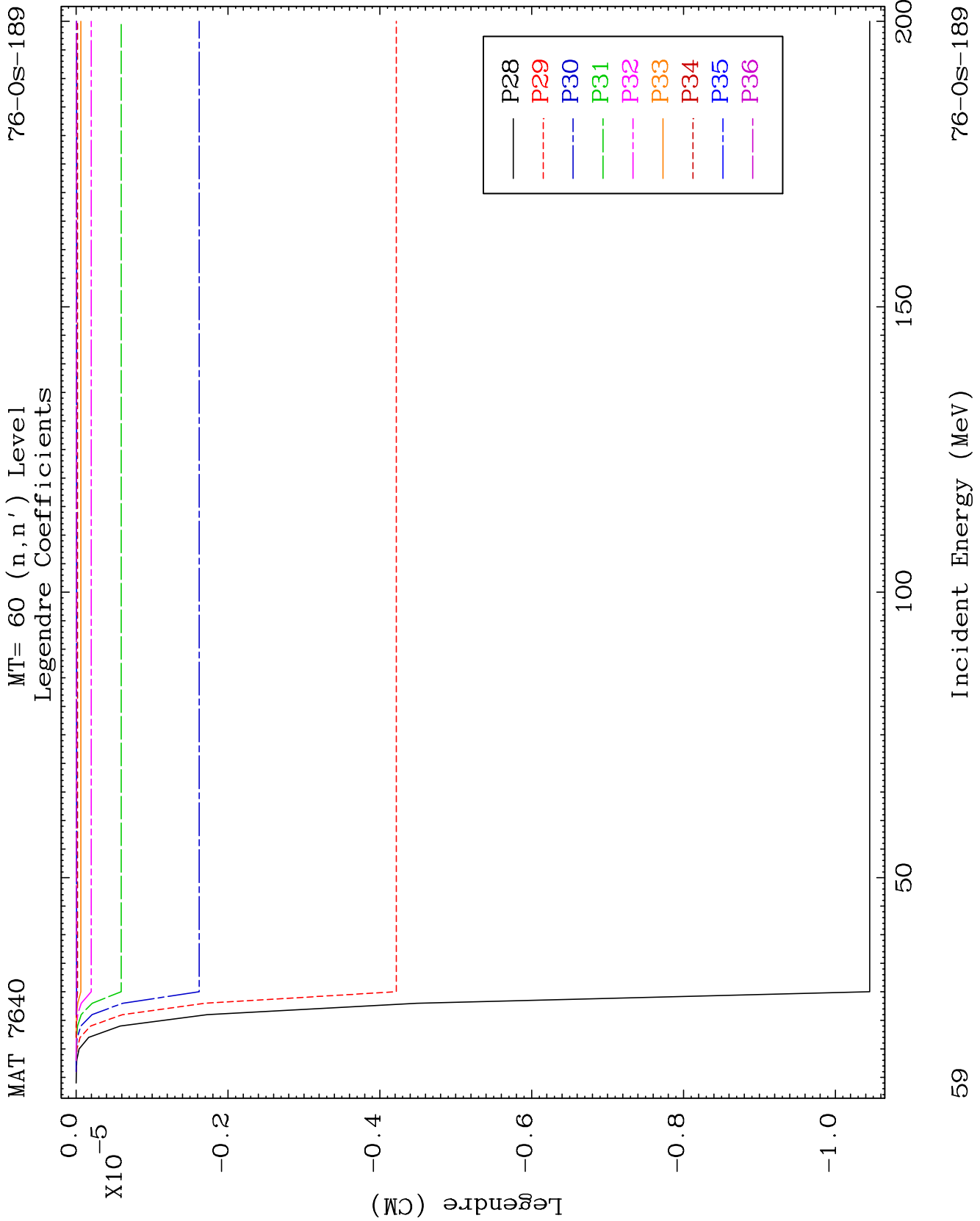
76-Os-189

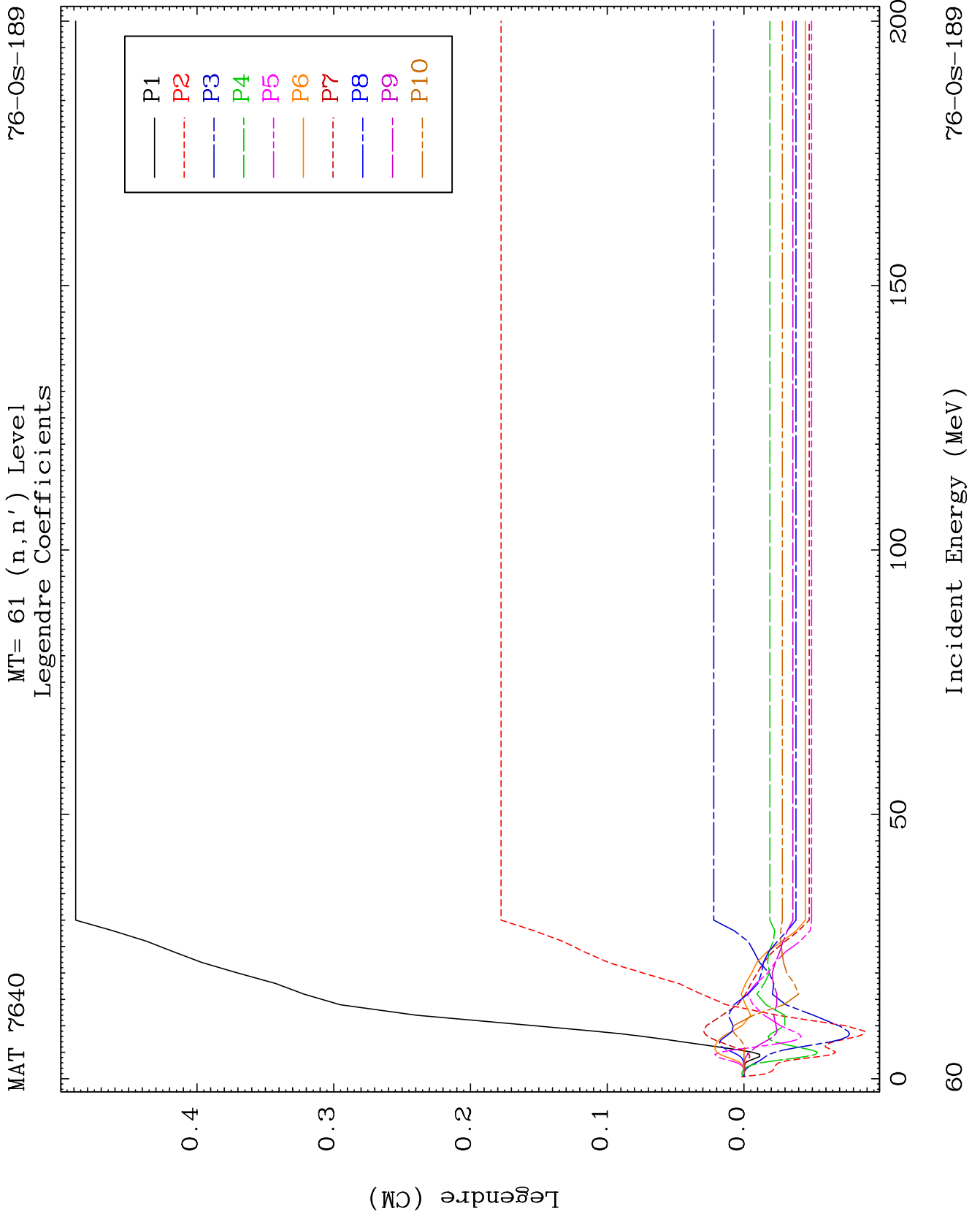


58

Incident Energy (MeV)

76-Os-189

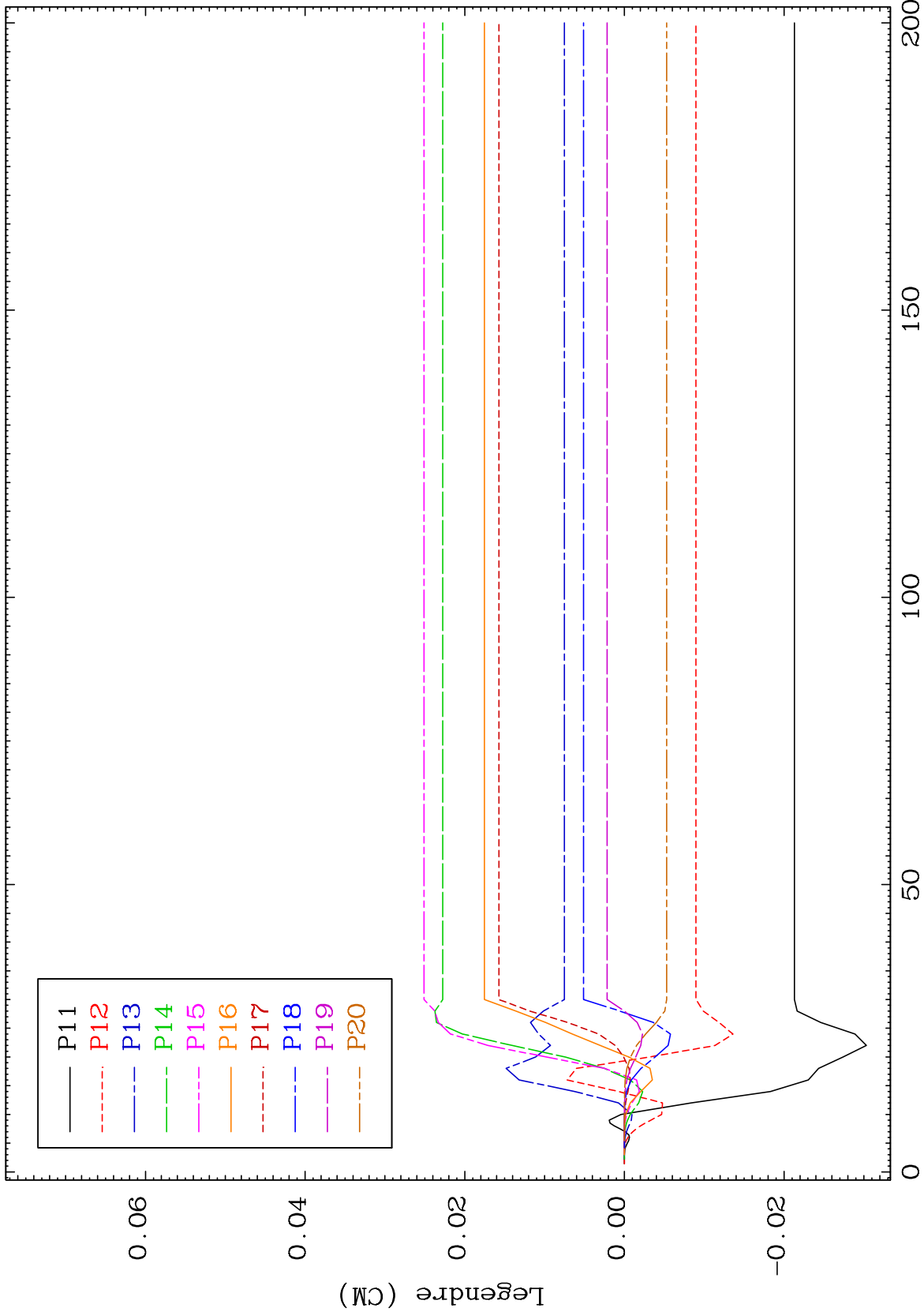




MAT 7640

MT= 61 (n,n') Level
Legendre Coefficients

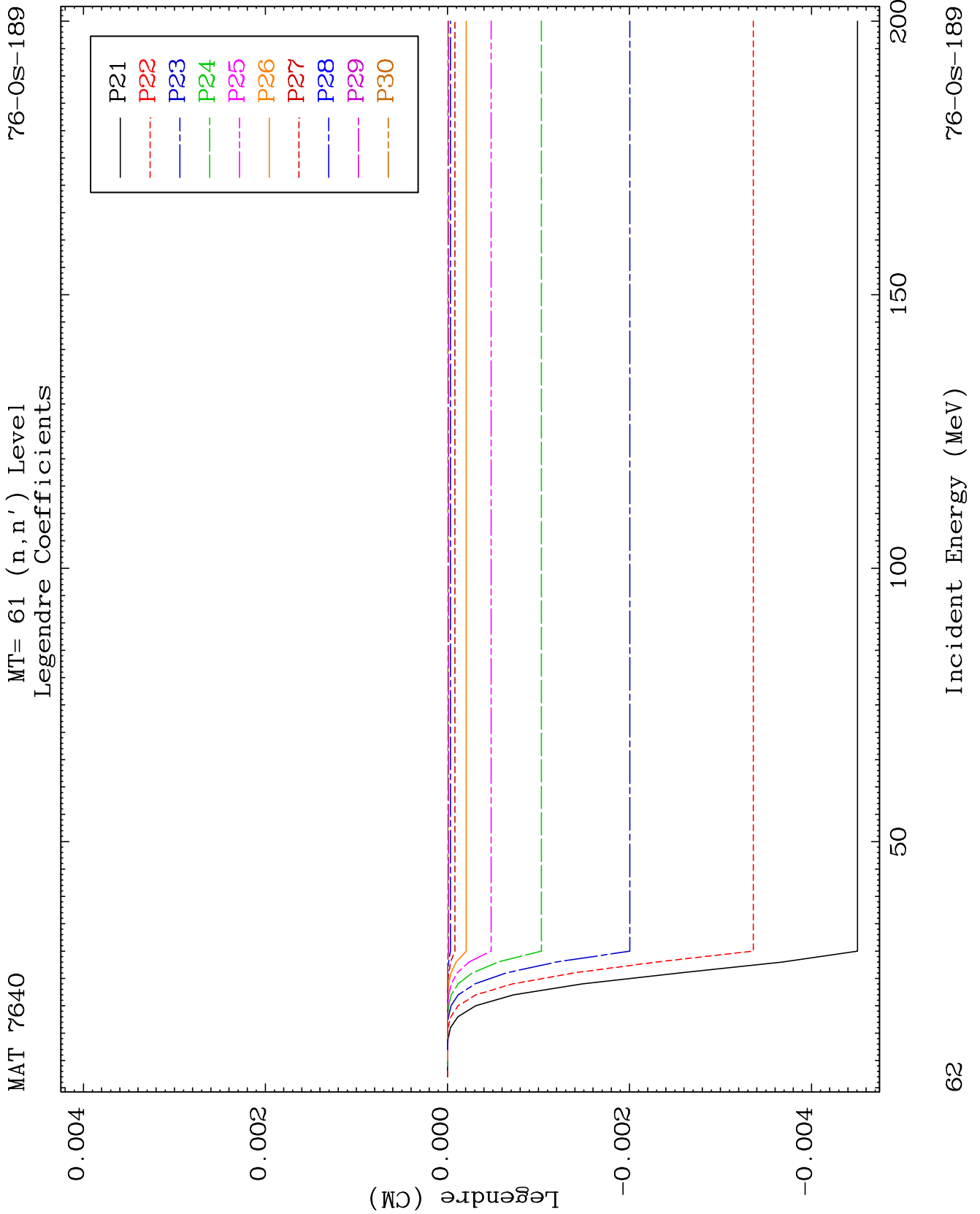
76-Os-189

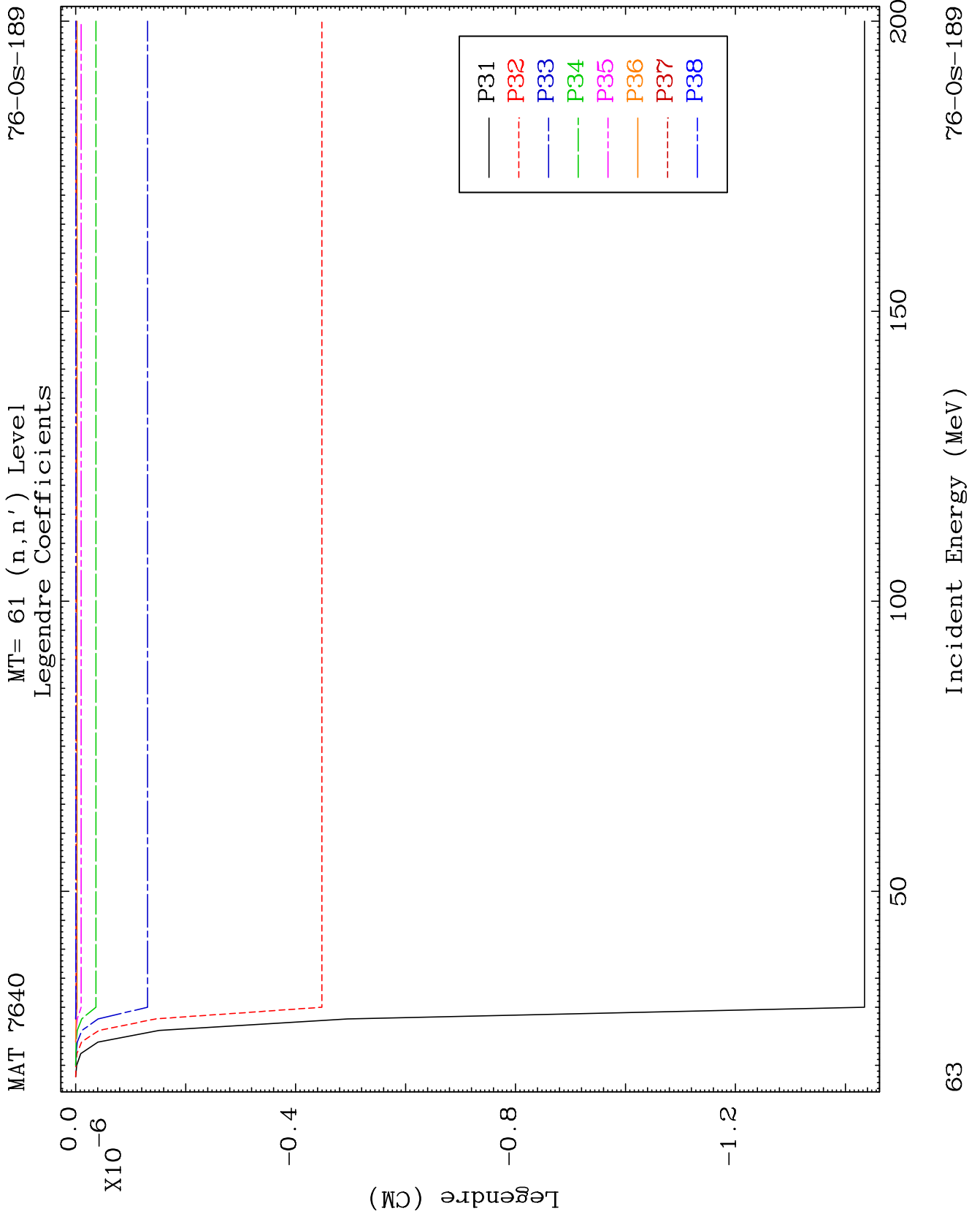


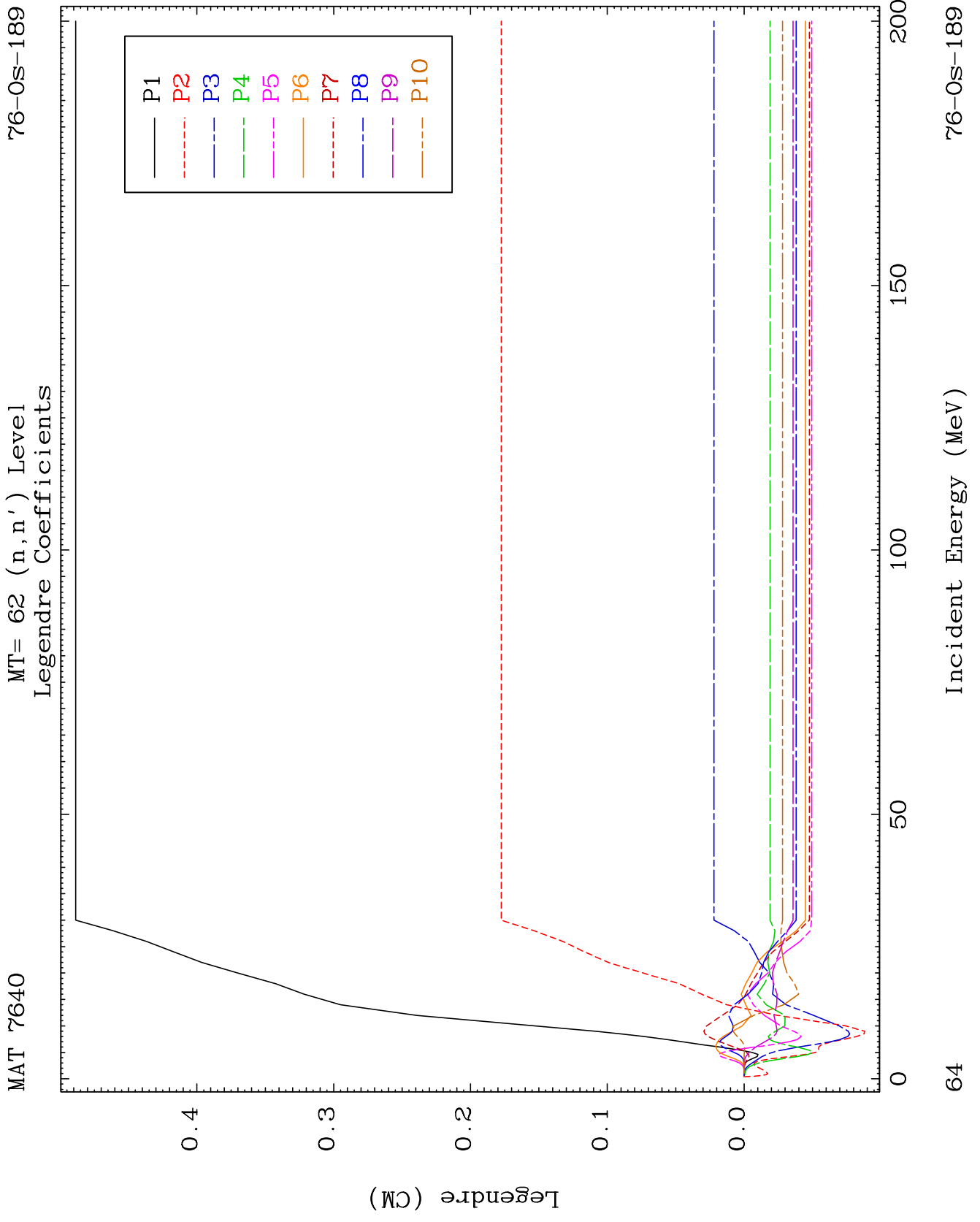
61

Incident Energy (MeV)

76-Os-189



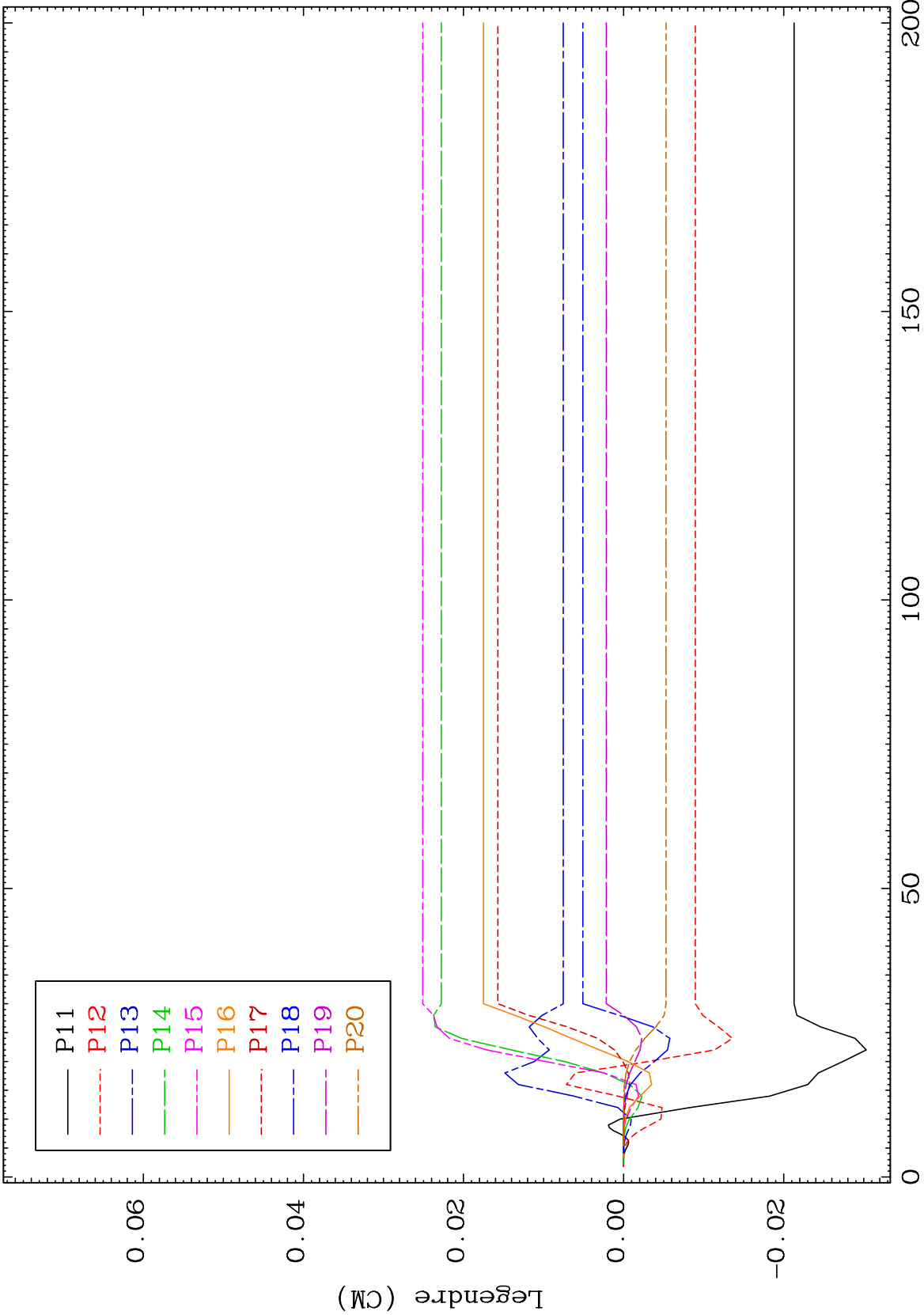




MAT 7640

MT= 62 (n,n') Level
Legendre Coefficients

76-Os-189



65

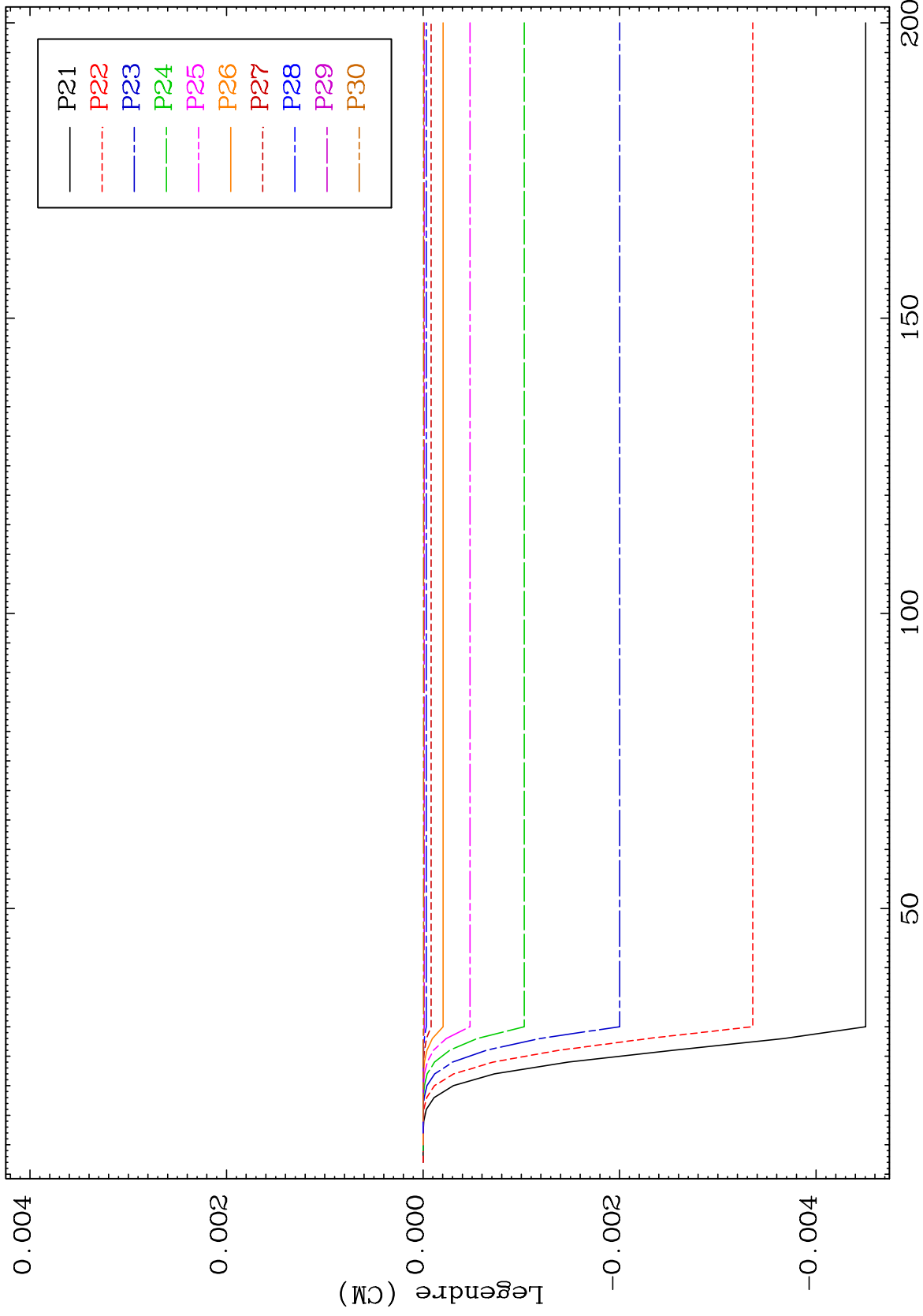
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 62 (n,n') Level
Legendre Coefficients

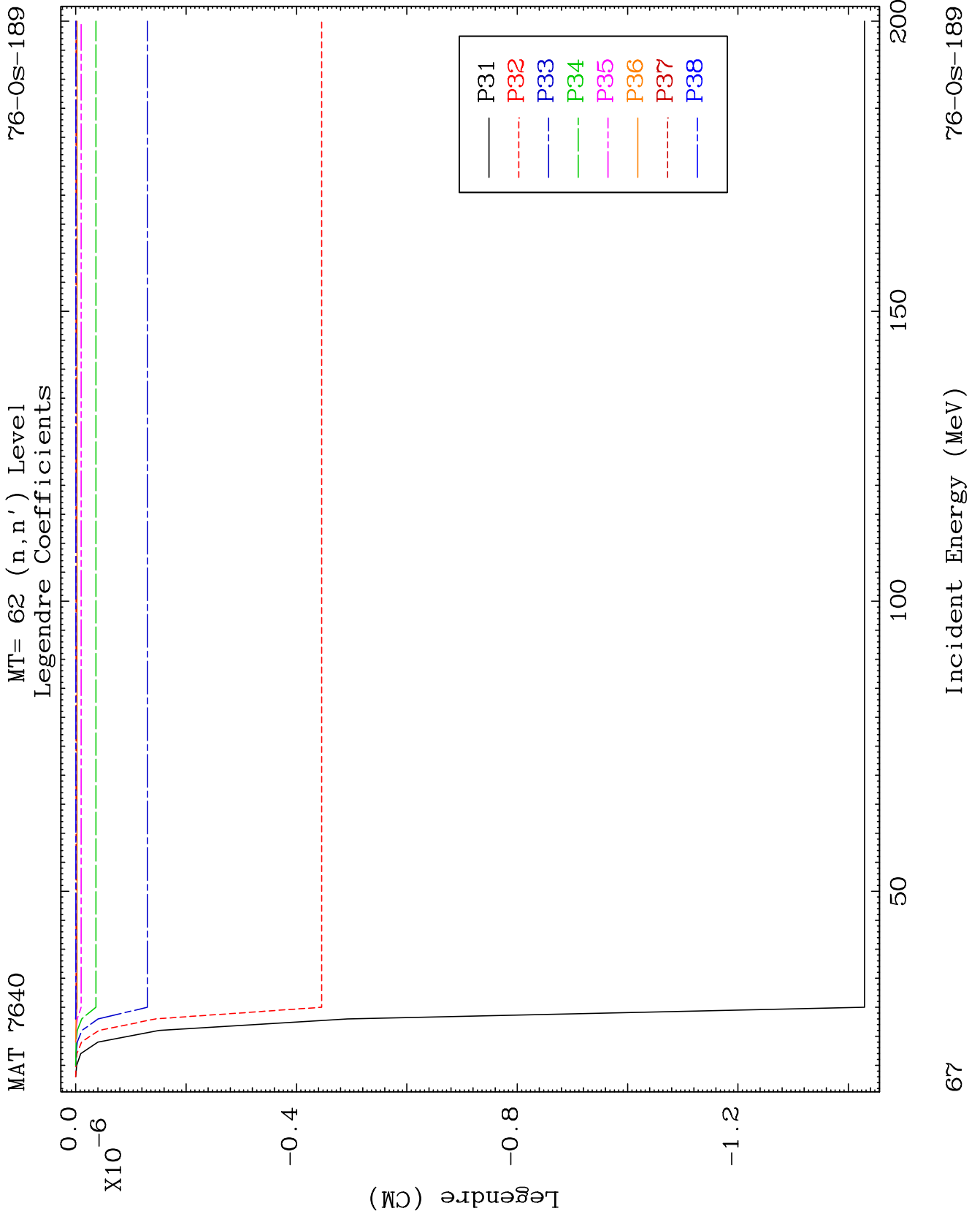
76-Os-189



66

Incident Energy (MeV)

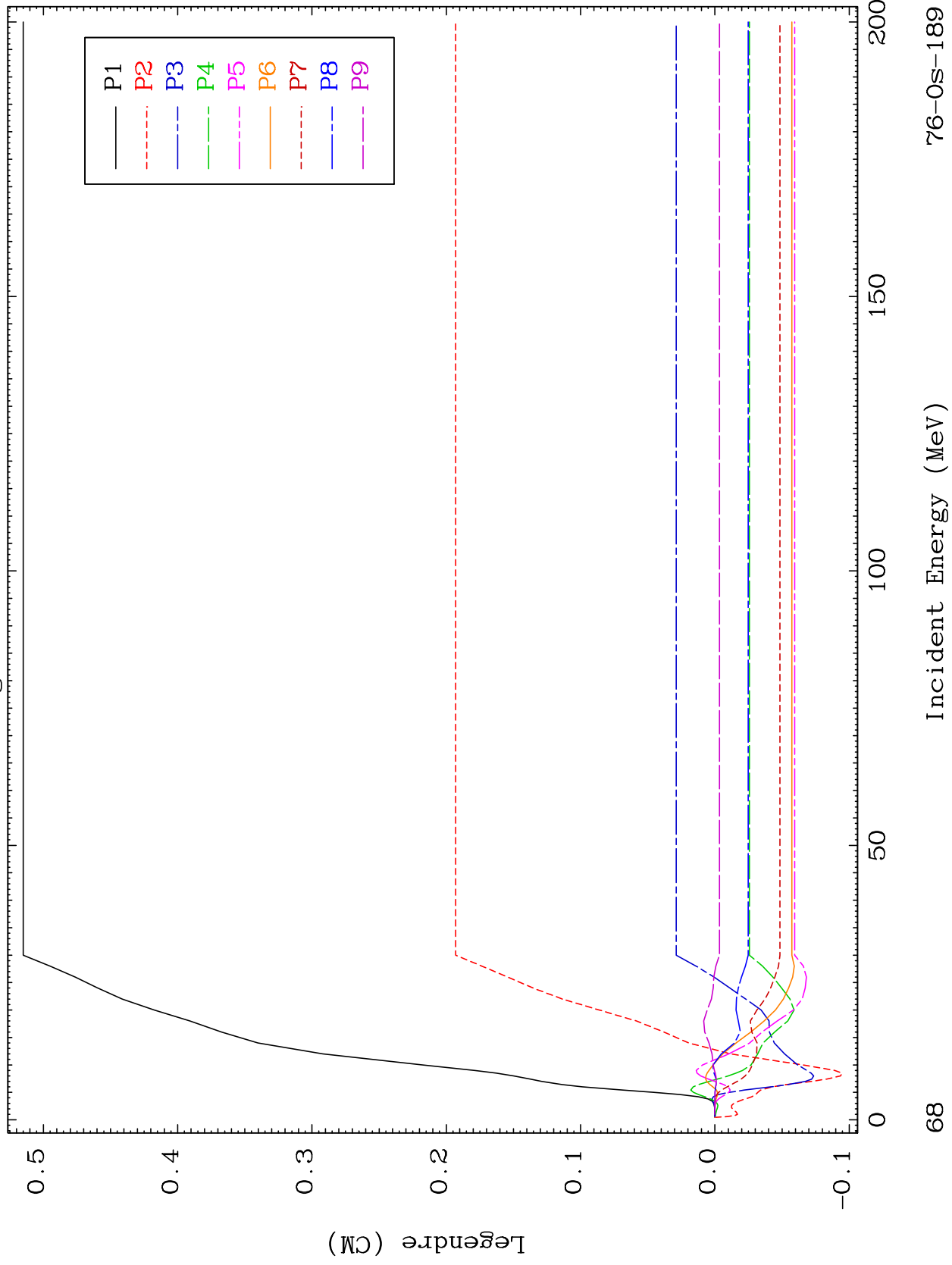
76-Os-189



MAT 7640

MT= 63 (n,n') Level
Legendre Coefficients

76-Os-189



76-Os-189

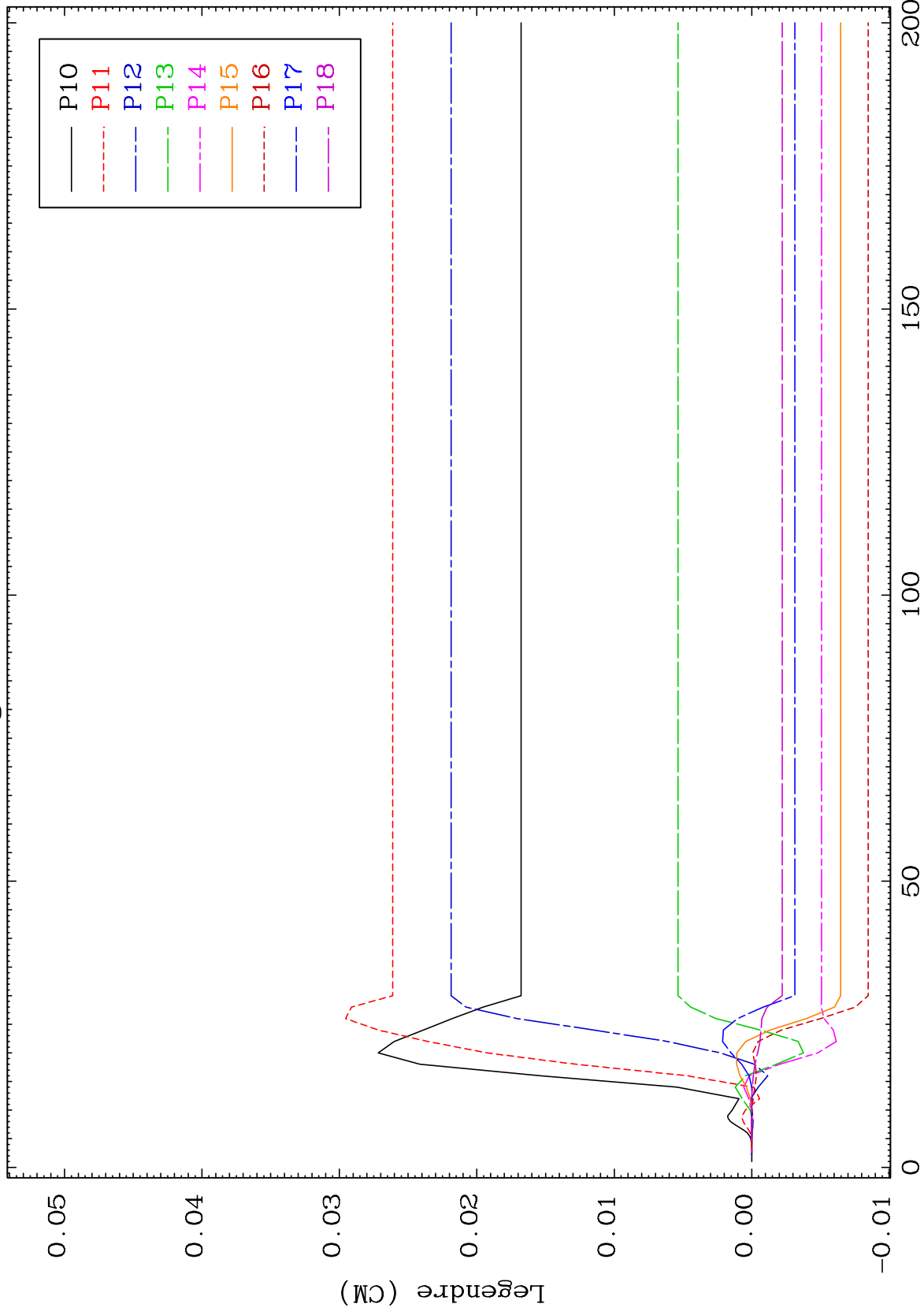
Incident Energy (MeV)

68

MAT 7640

MT= 63 (n,n') Level
Legendre Coefficients

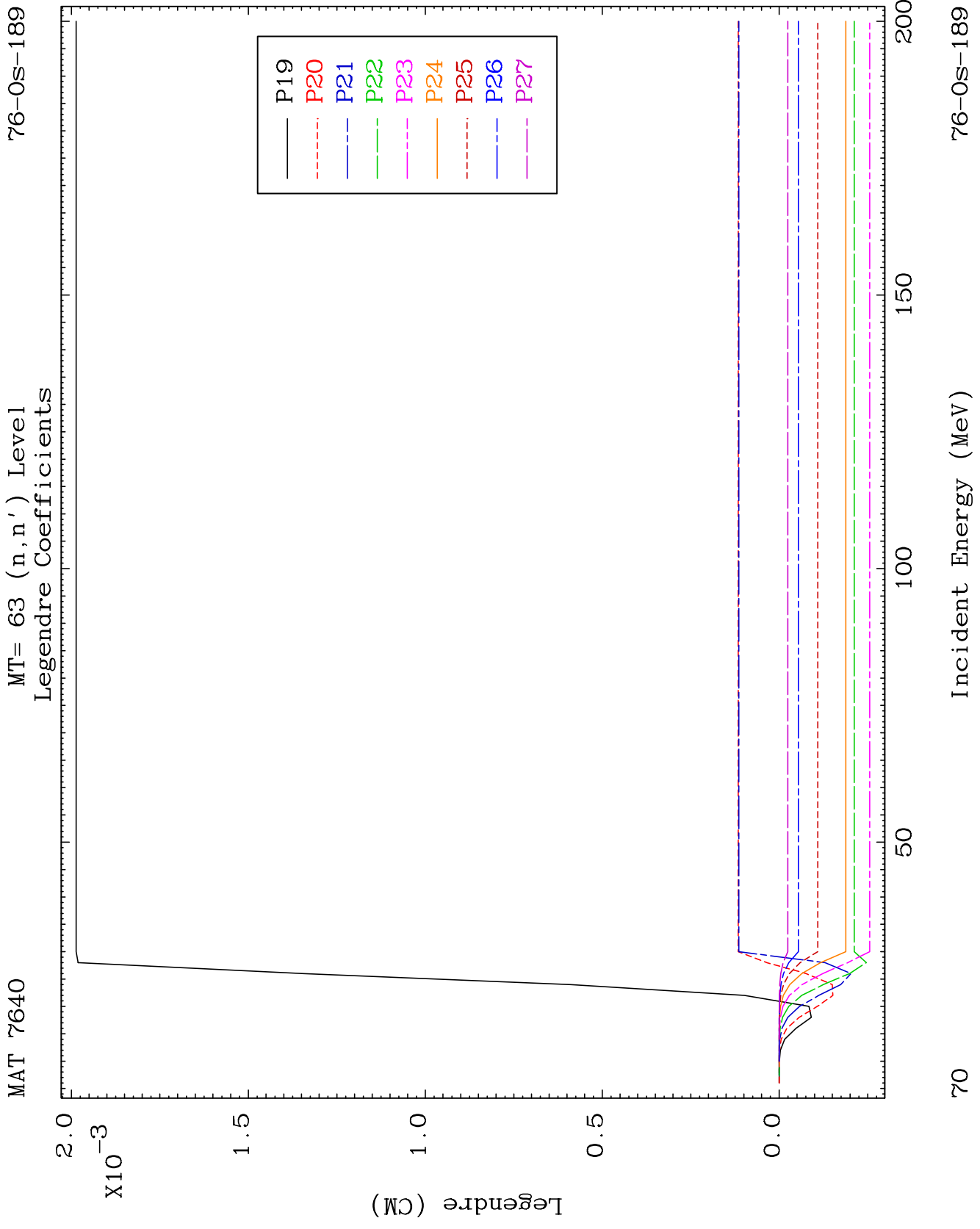
76-Os-189

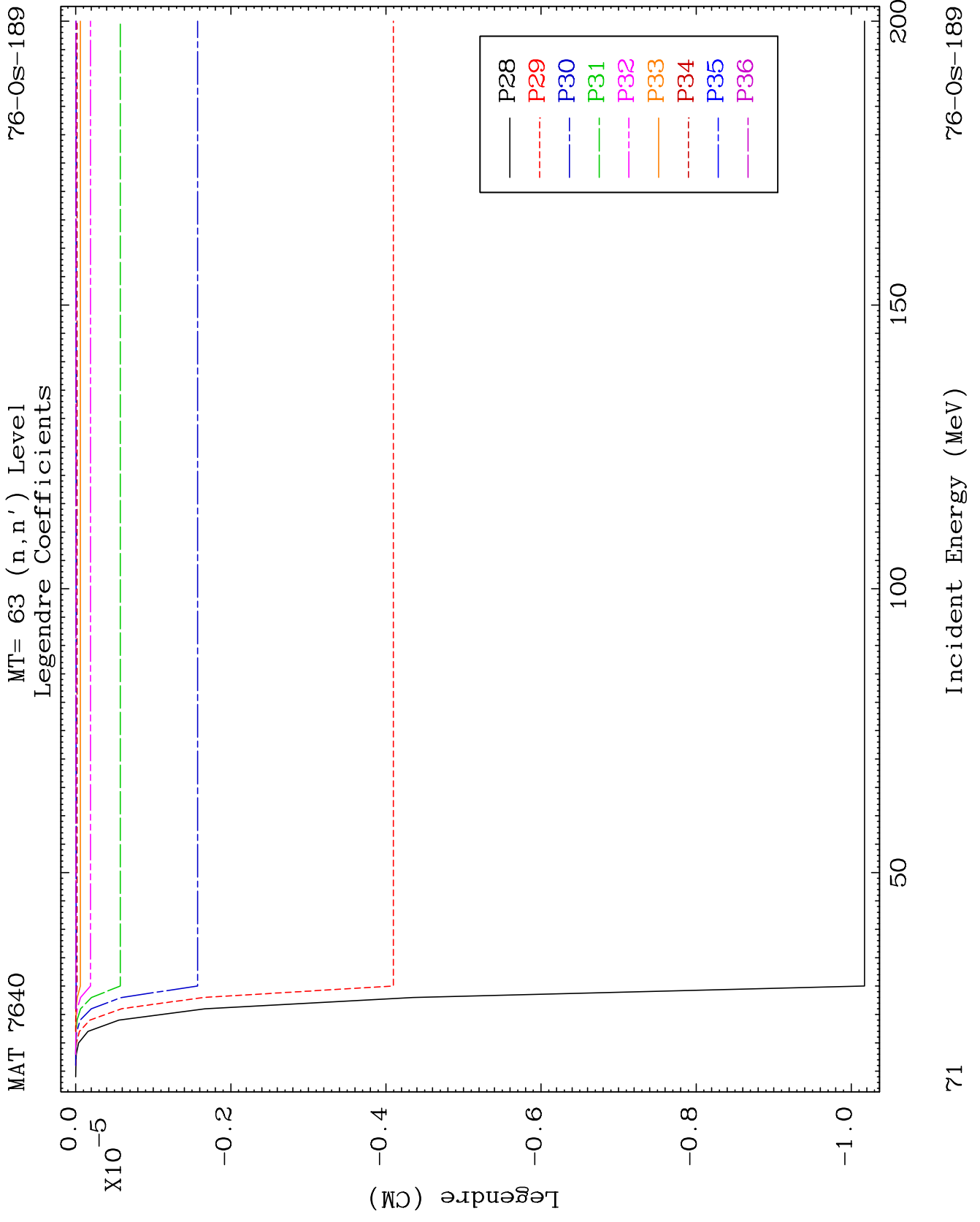


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Incident Energy (MeV)

76-Os-189

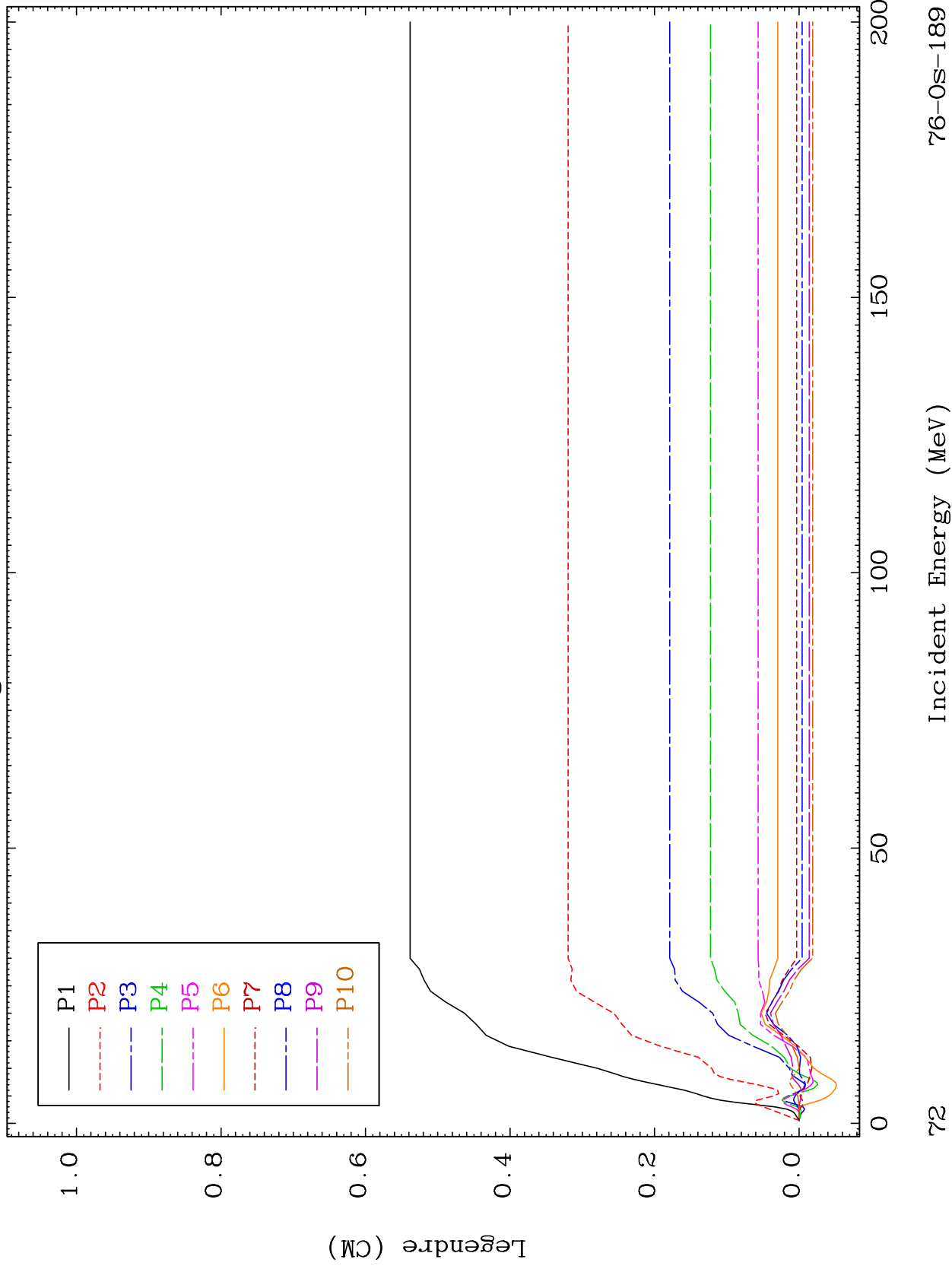




MAT 7640

MT= 64 (n,n') Level
Legendre Coefficients

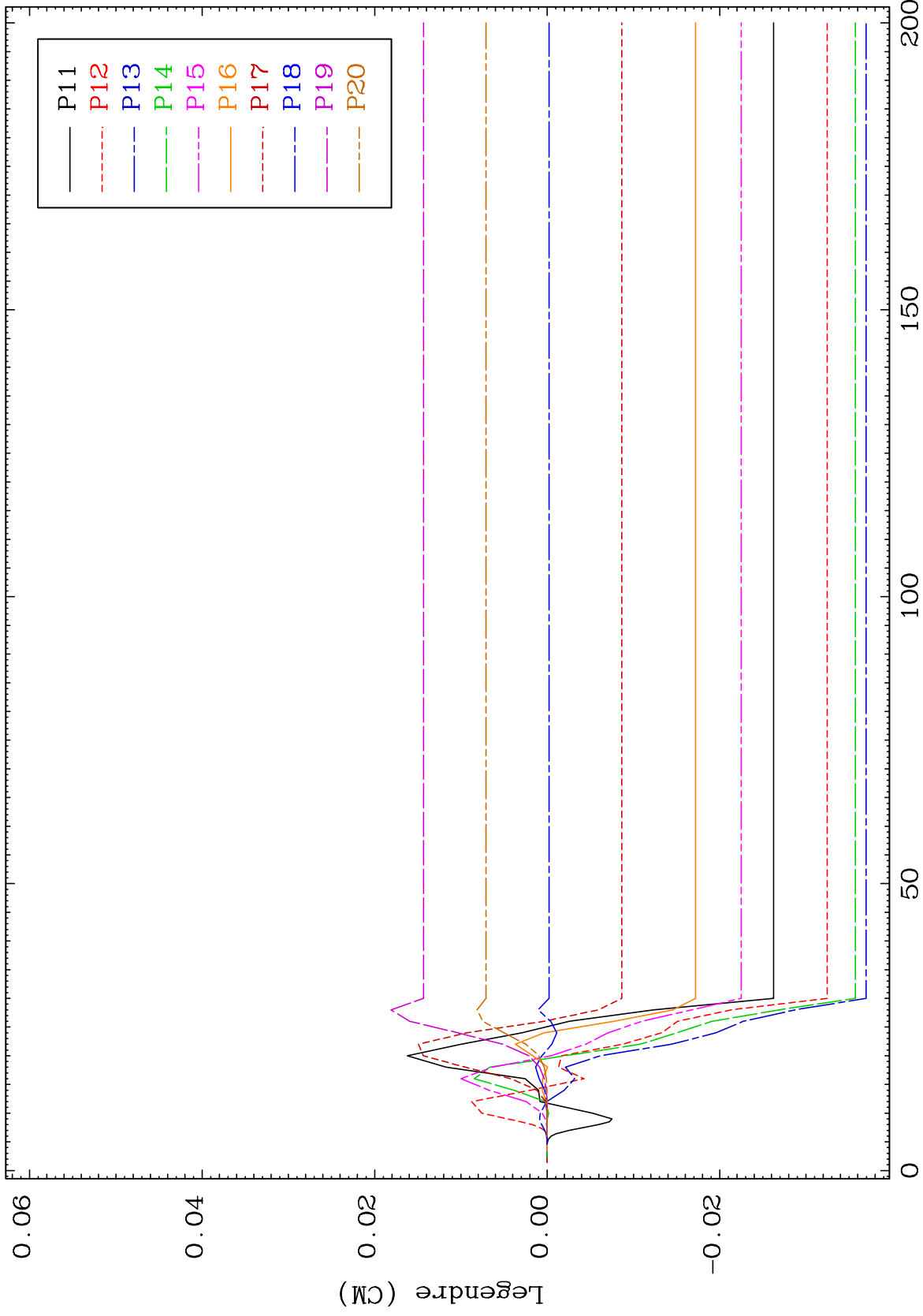
76-0s-189



MAT 7640

MT= 64 (n,n') Level
Legendre Coefficients

76-Os-189



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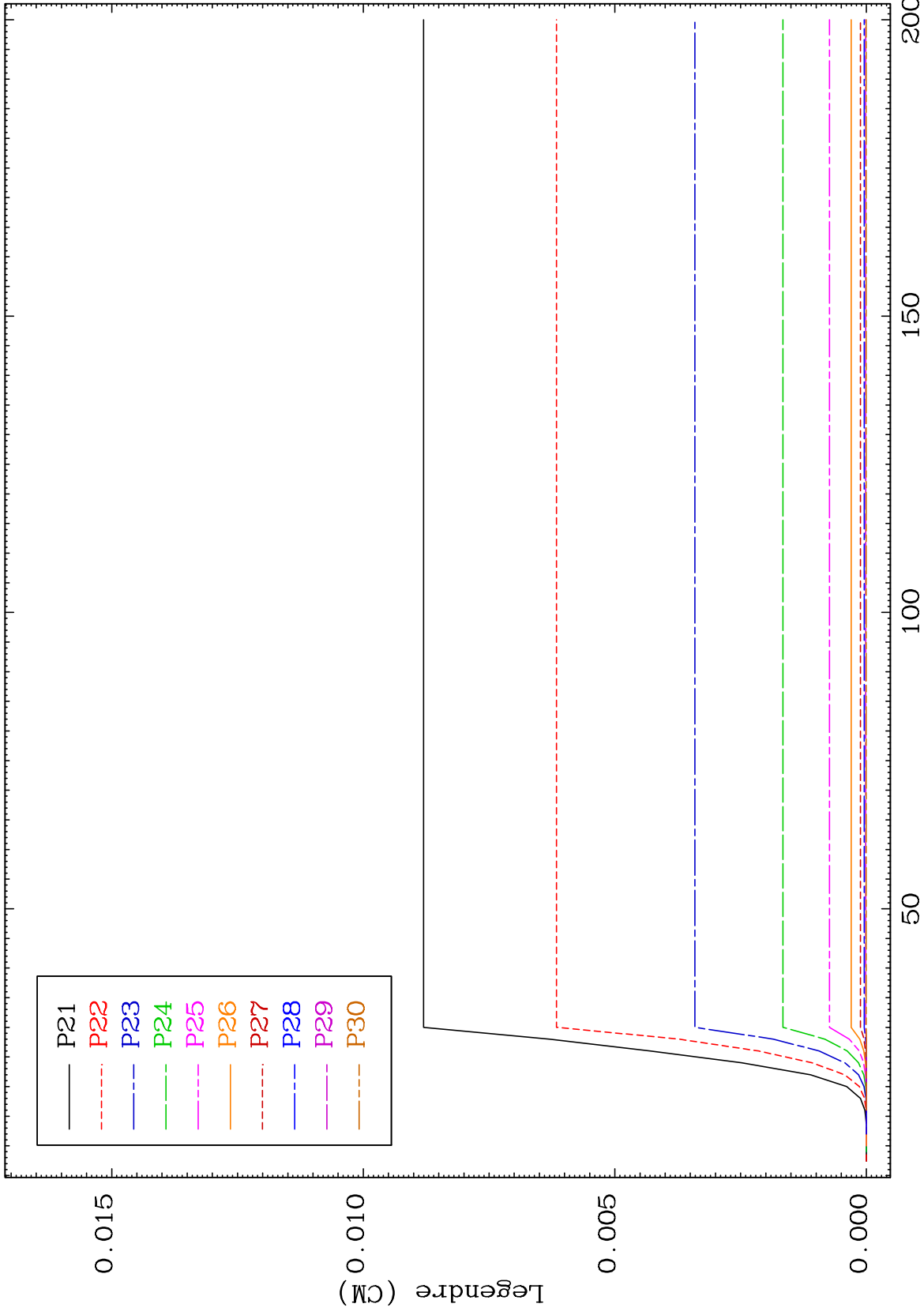
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 64 (n,n') Level
Legendre Coefficients

76-Os-189



74

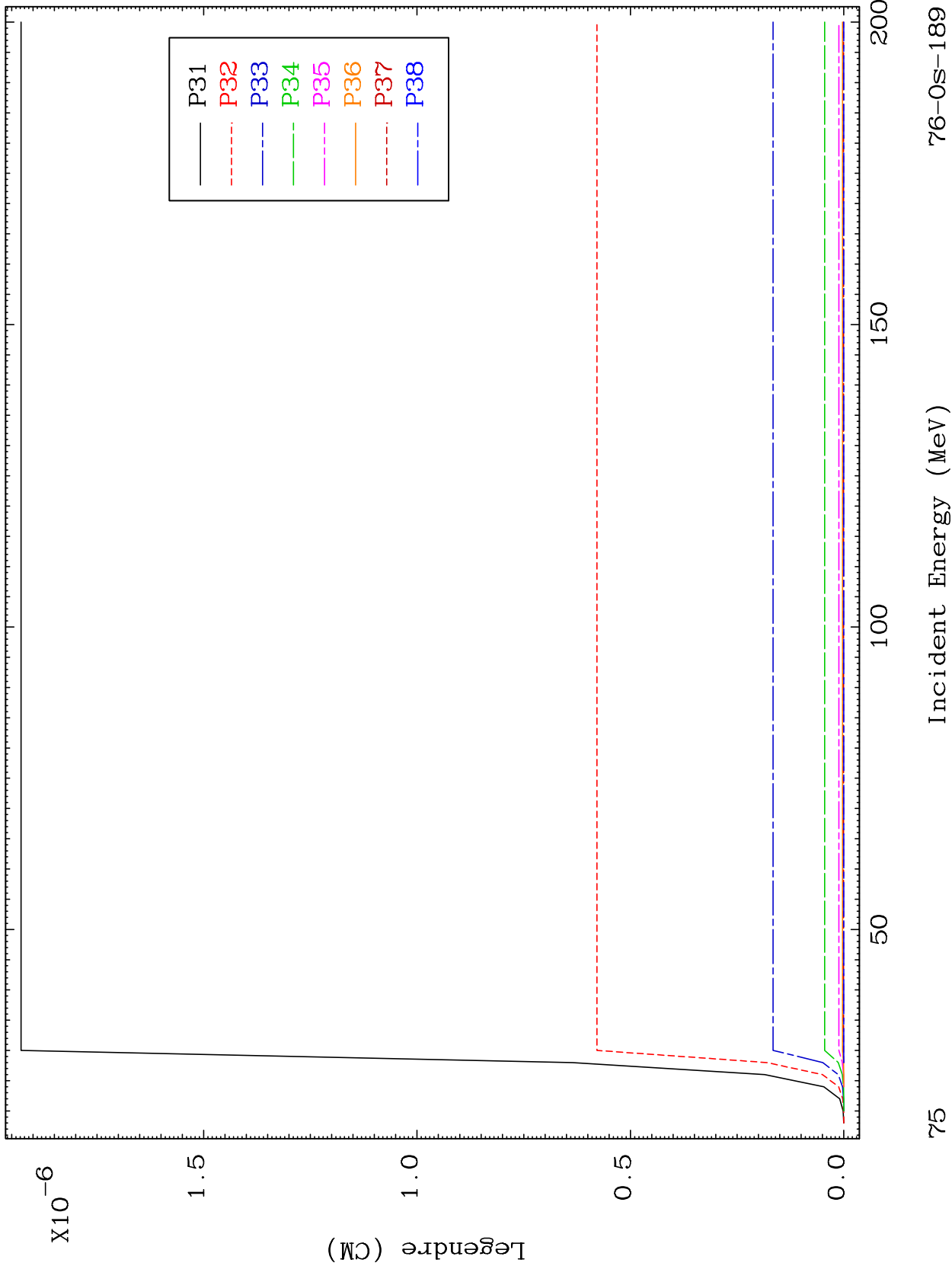
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 64 (n,n') Level
Legendre Coefficients

76-Os-189



75

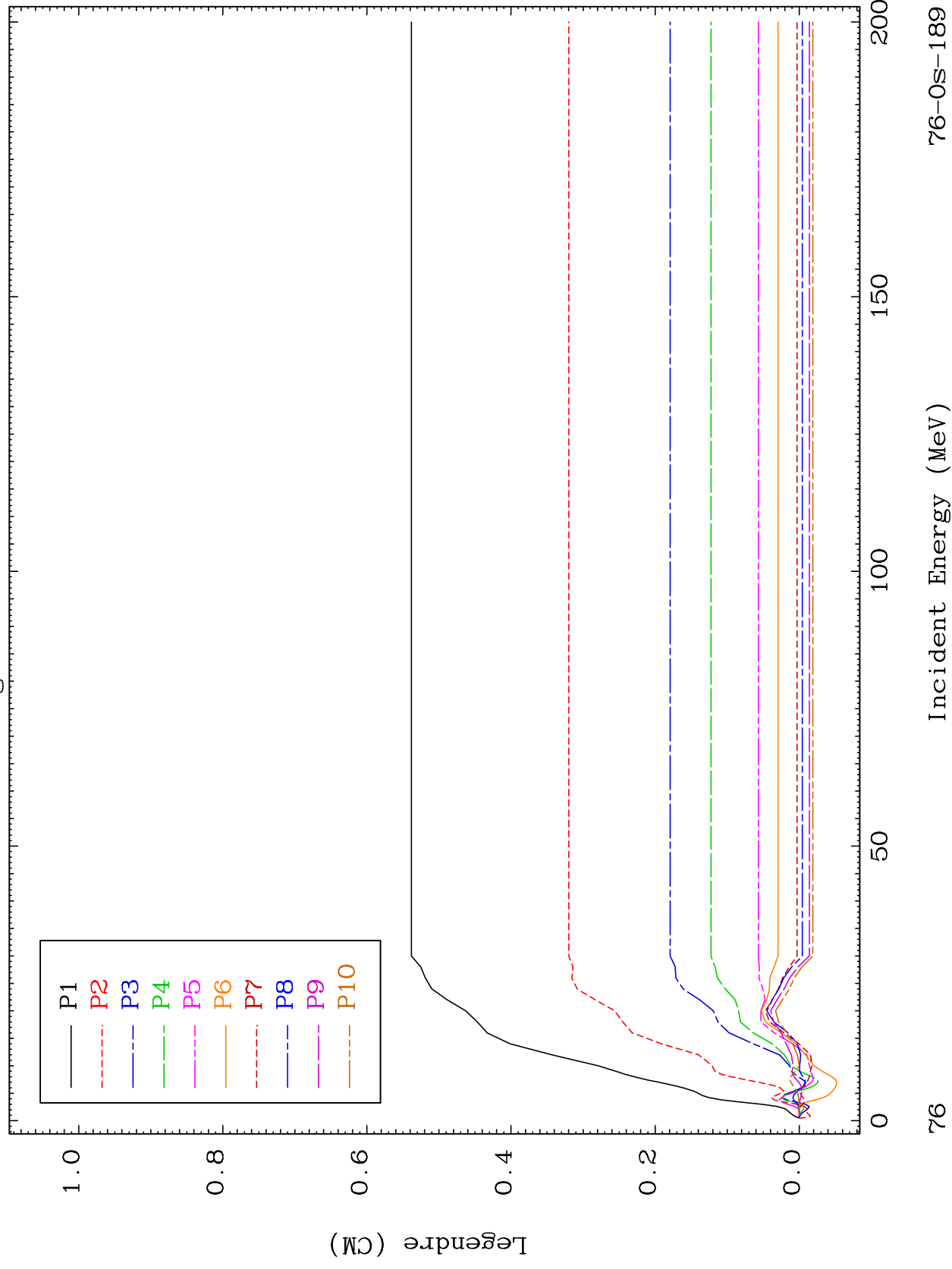
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 65 (n,n') Level
Legendre Coefficients

76-0s-189



76

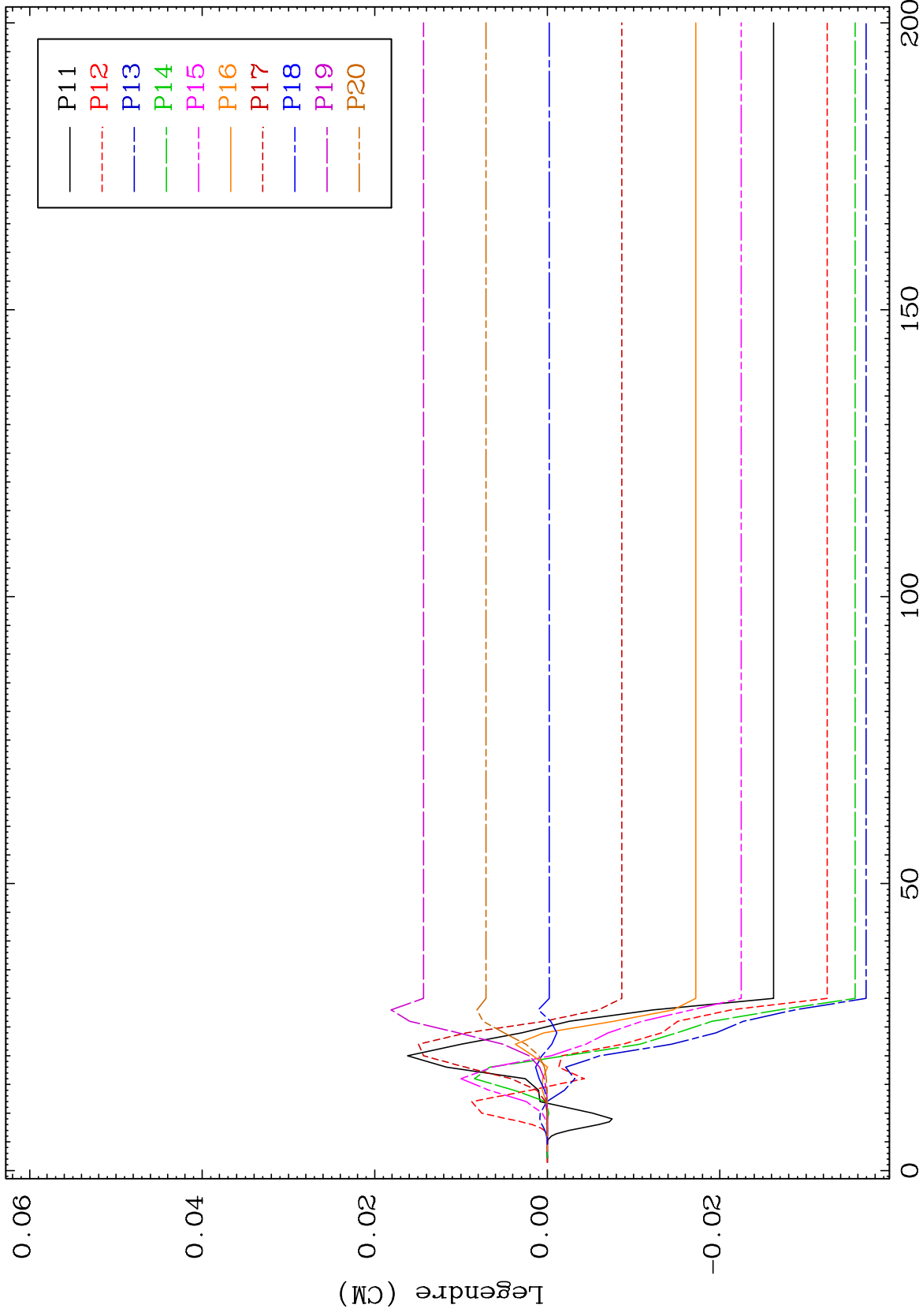
Incident Energy (MeV)

76-0s-189

MAT 7640

MT= 65 (n,n') Level
Legendre Coefficients

76-Os-189



77

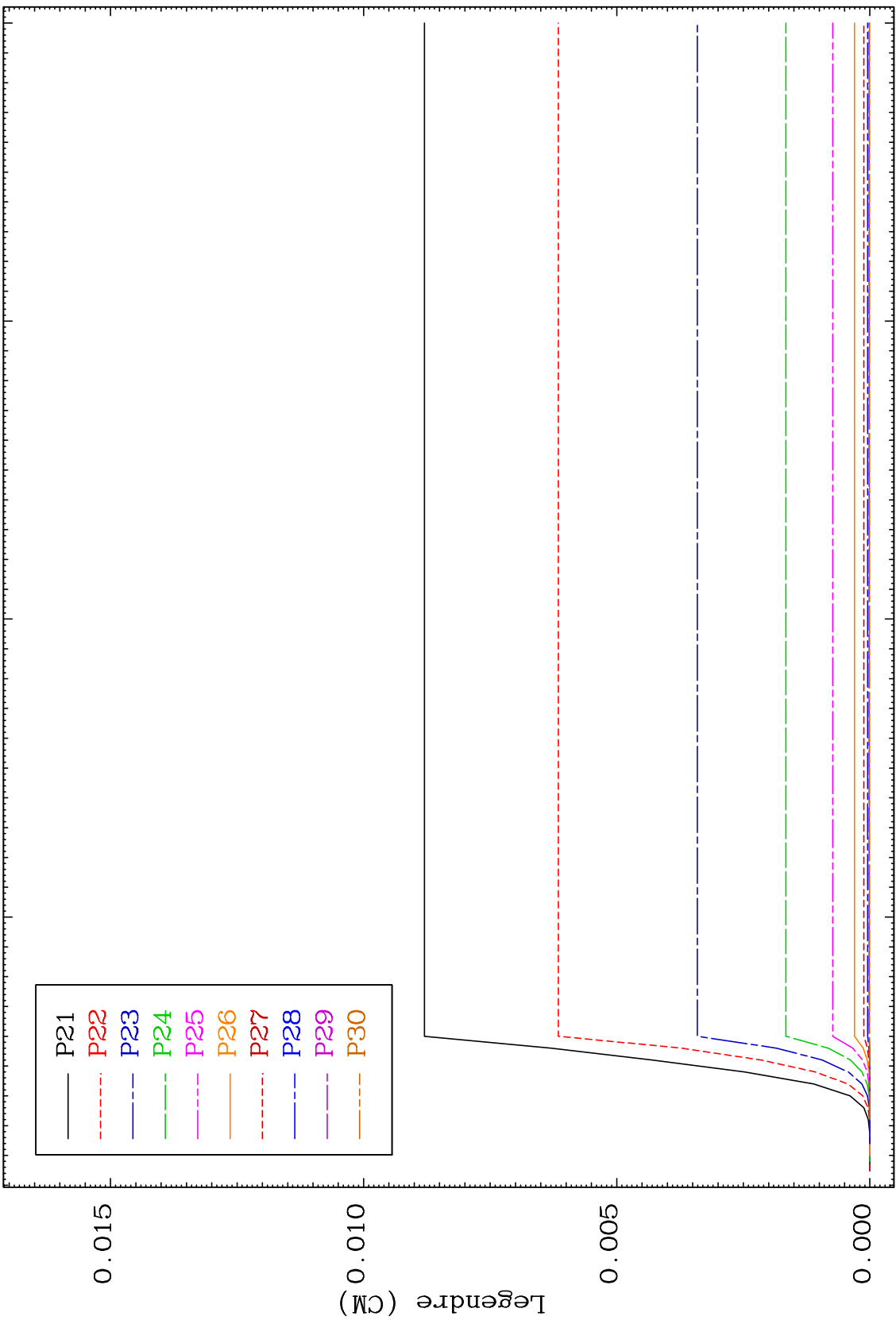
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 65 (n,n') Level
Legendre Coefficients

76-Os-189



78

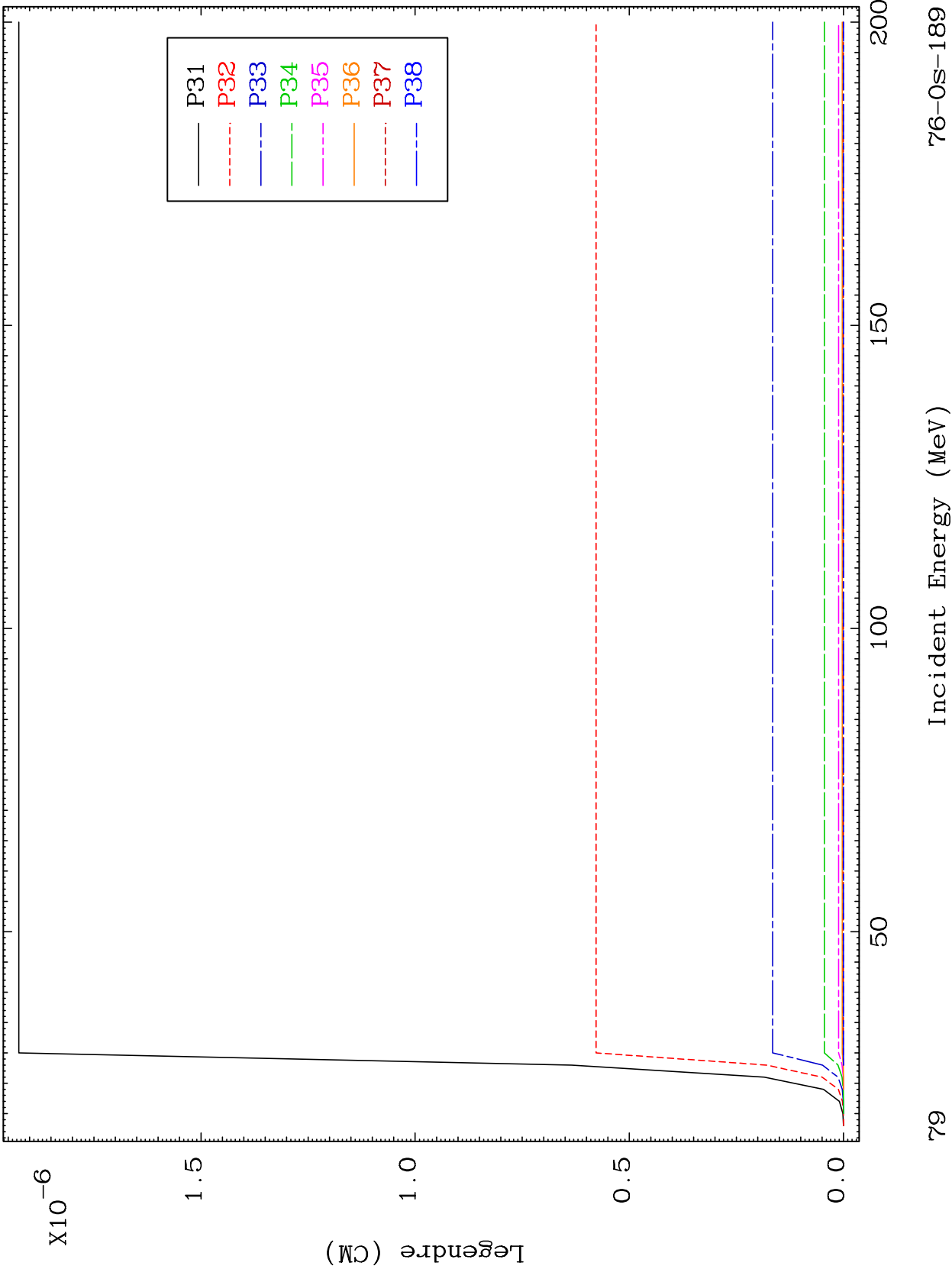
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 65 (n,n') Level
Legendre Coefficients

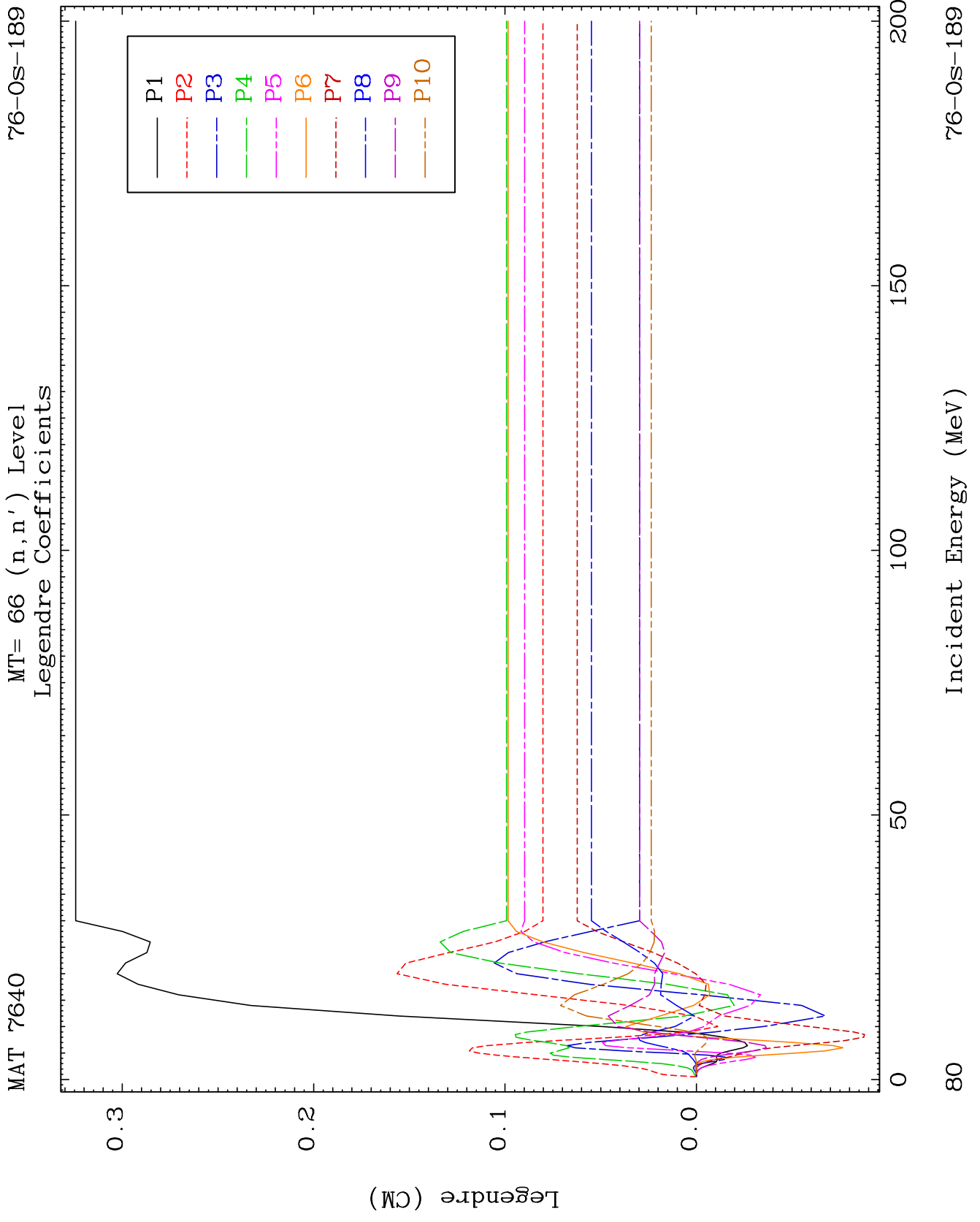
76-Os-189

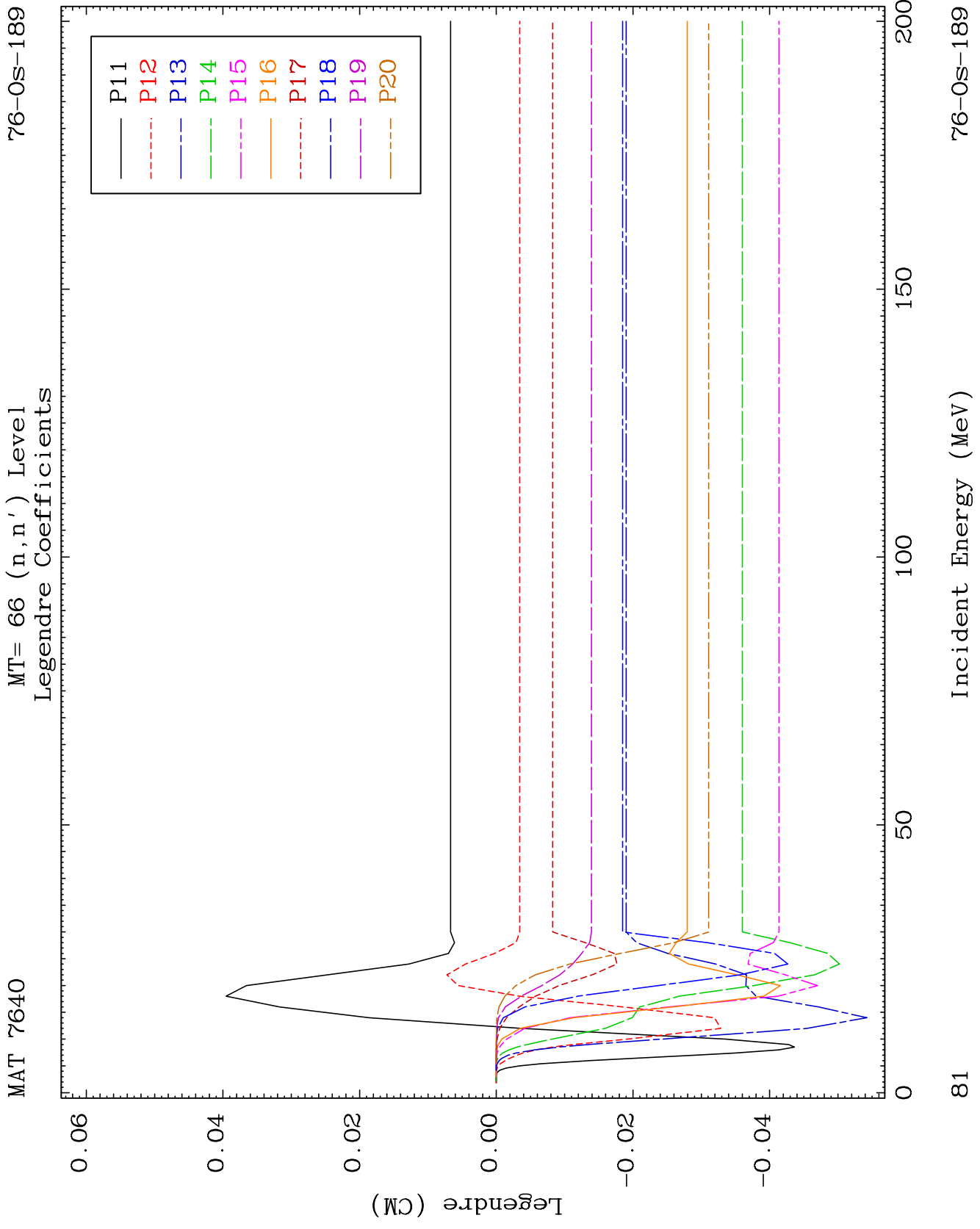


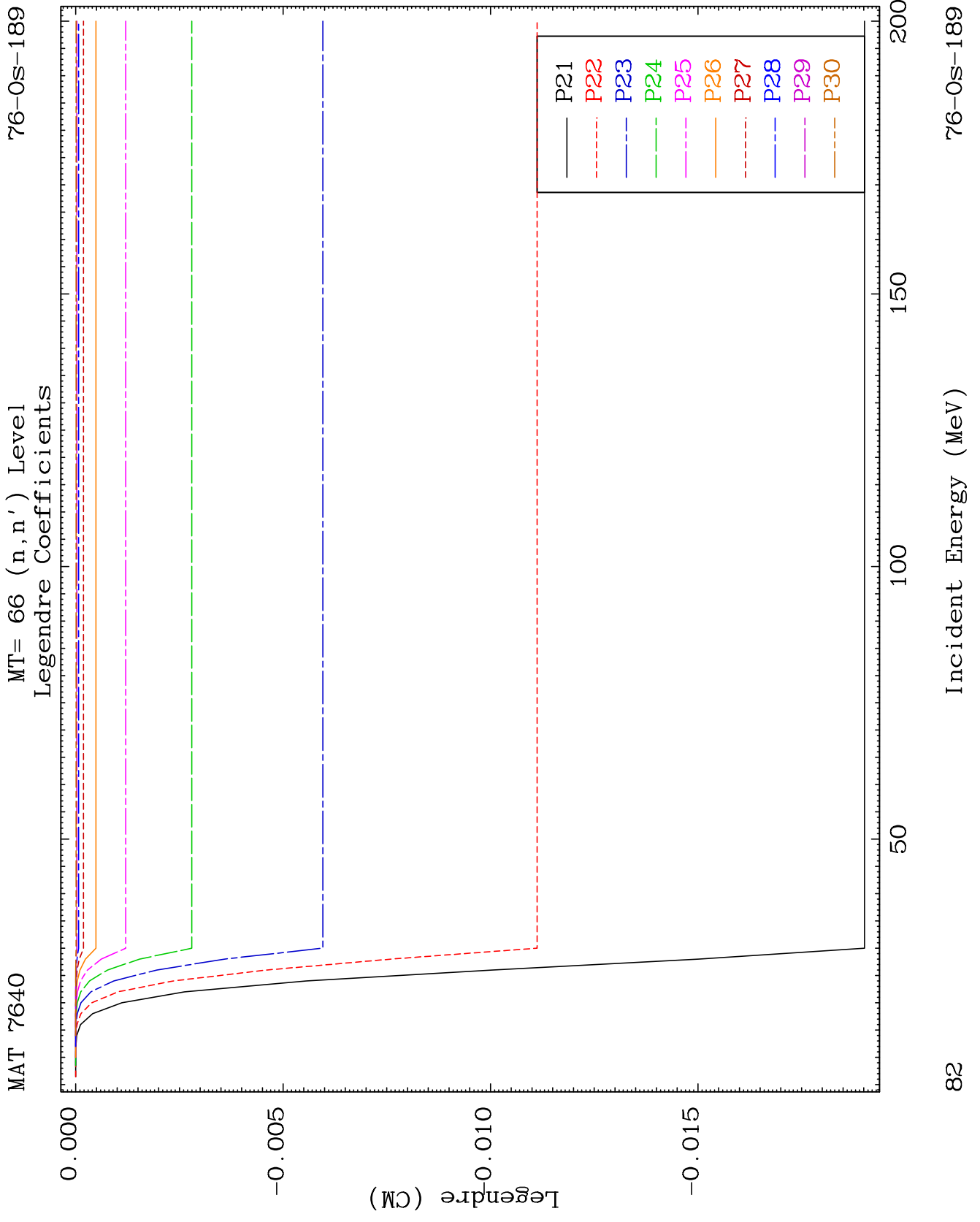
79

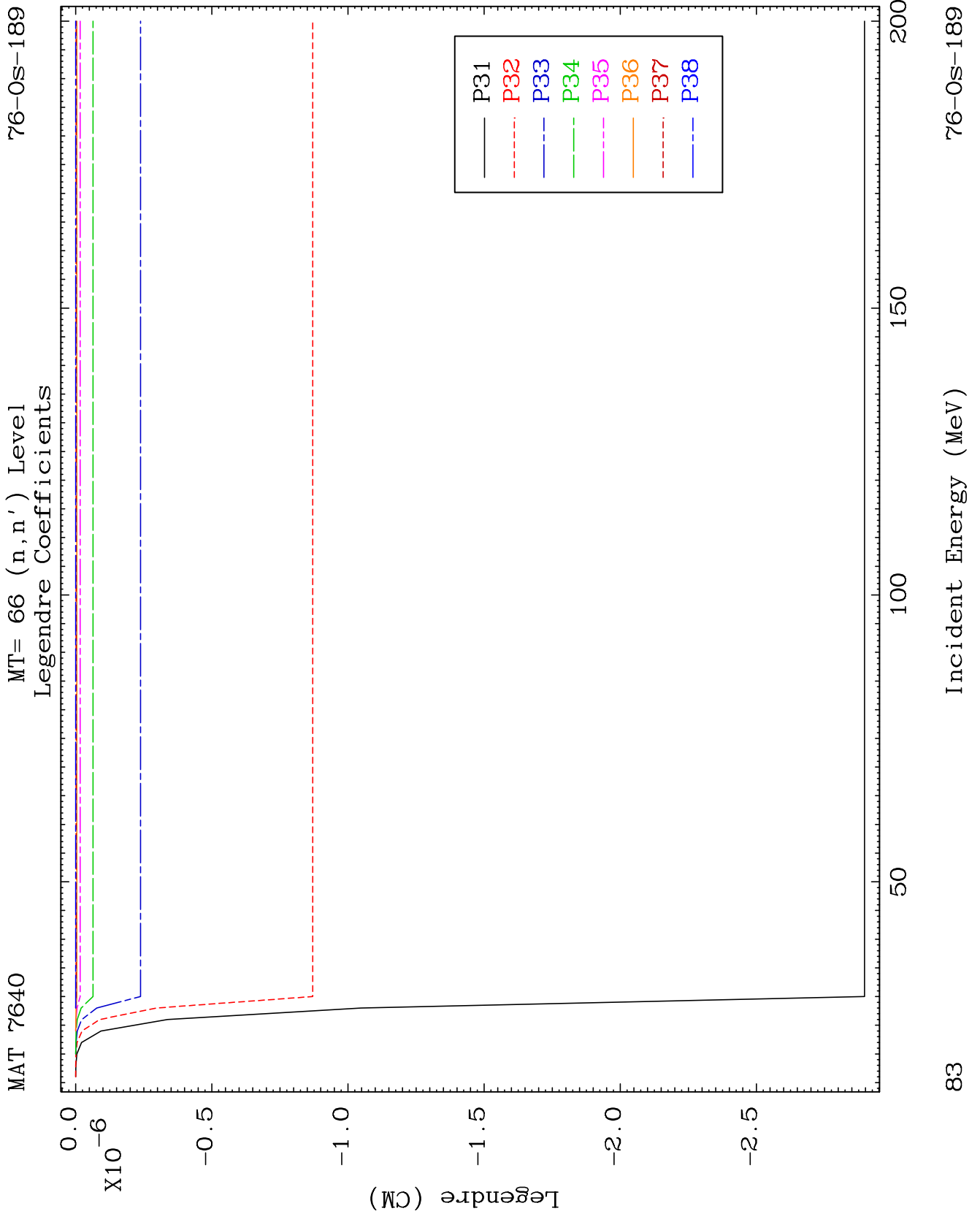
Incident Energy (MeV)

76-Os-189





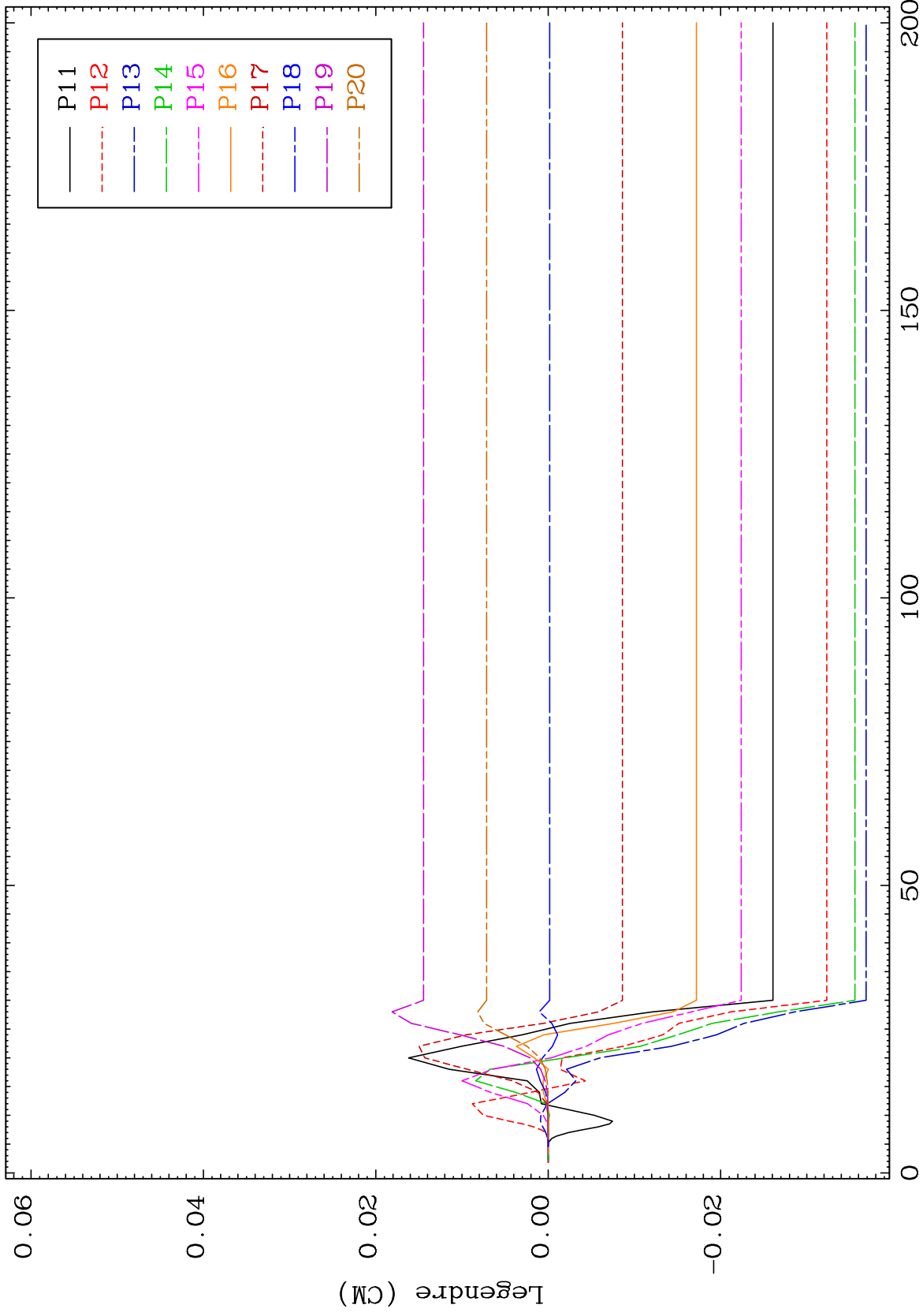




MAT 7640

MT= 67 (n,n') Level
Legendre Coefficients

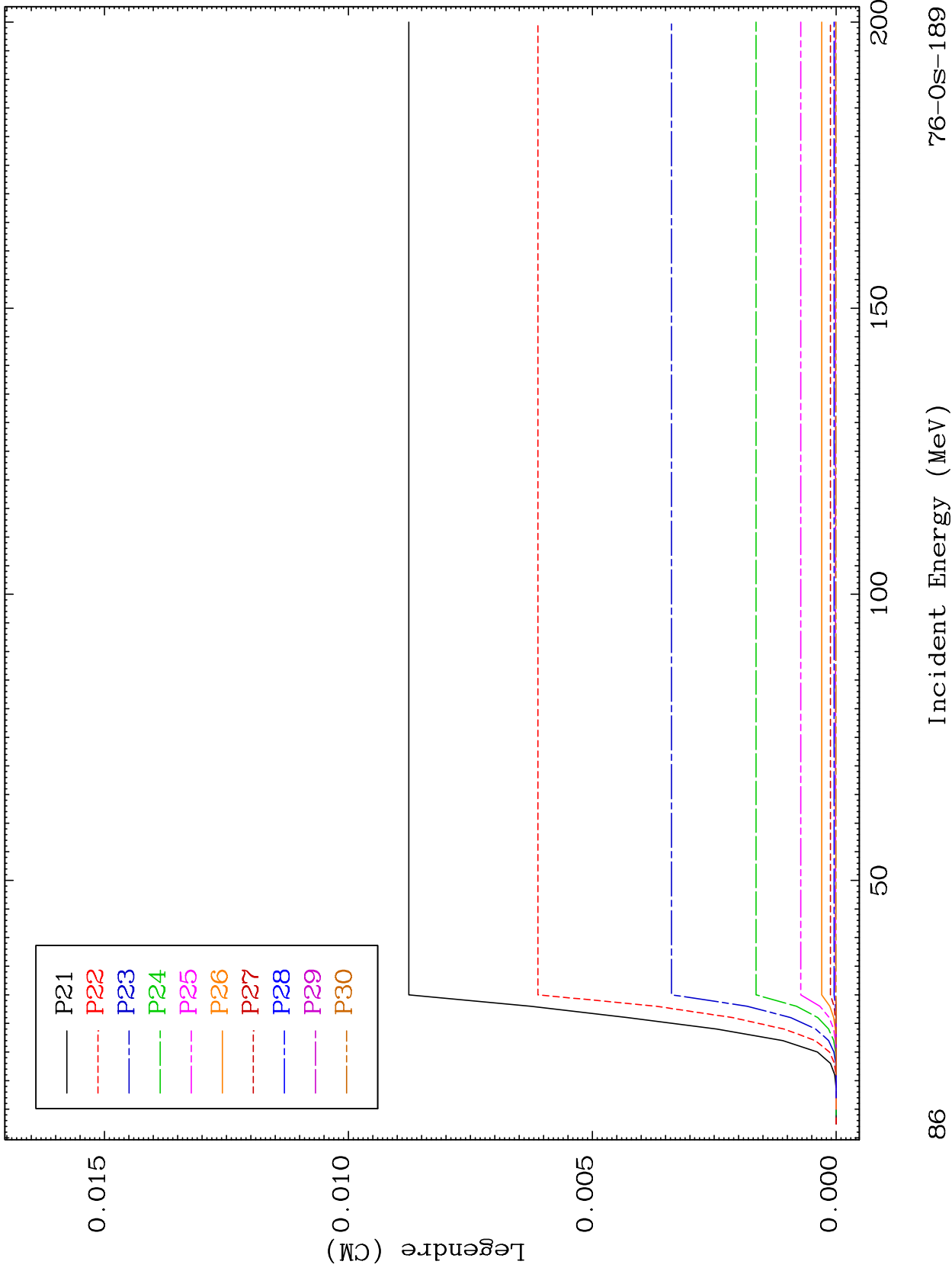
76-Os-189



85

Incident Energy (MeV)

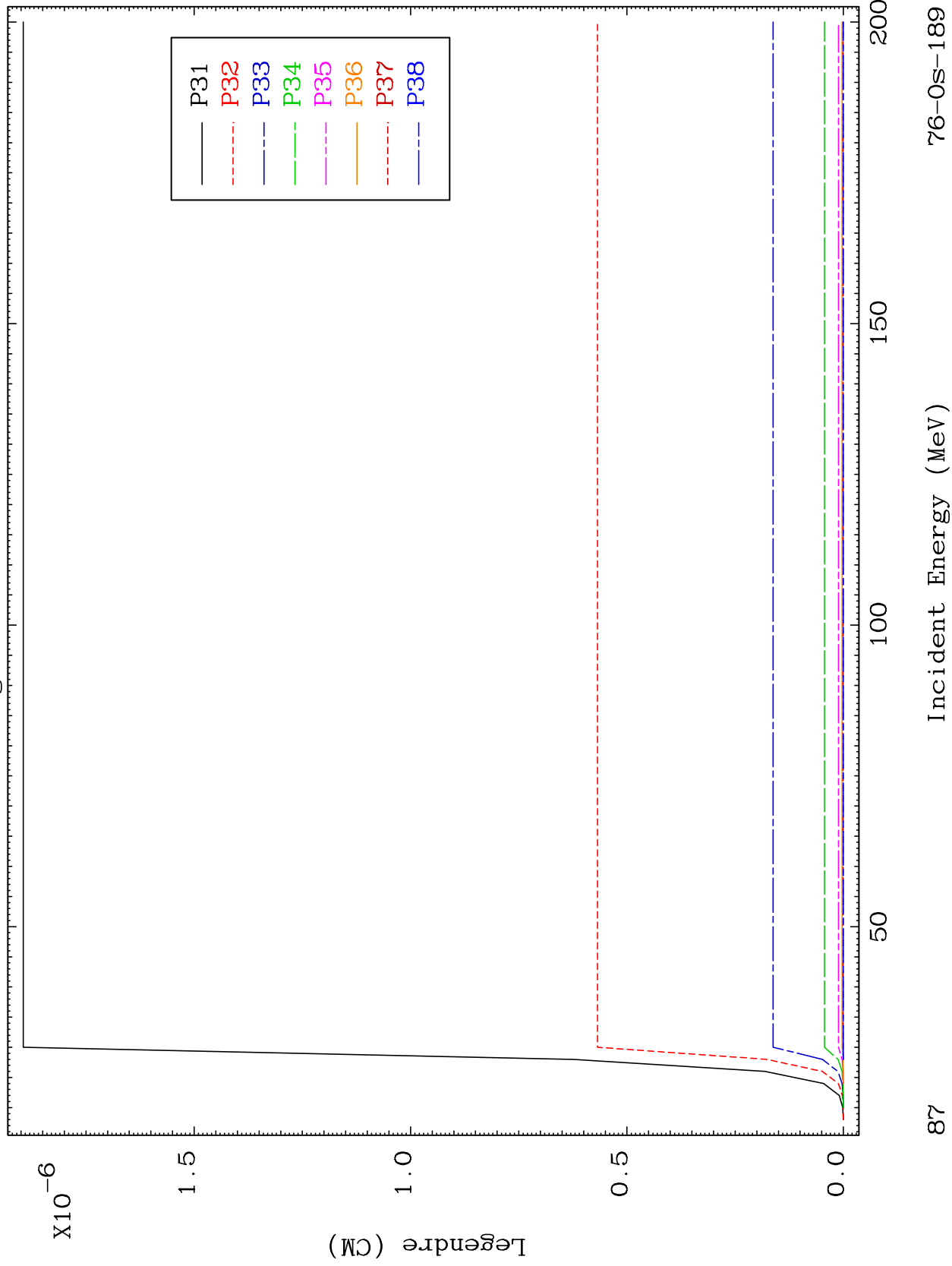
76-Os-189



MAT 7640

MT= 67 (n,n') Level
Legendre Coefficients

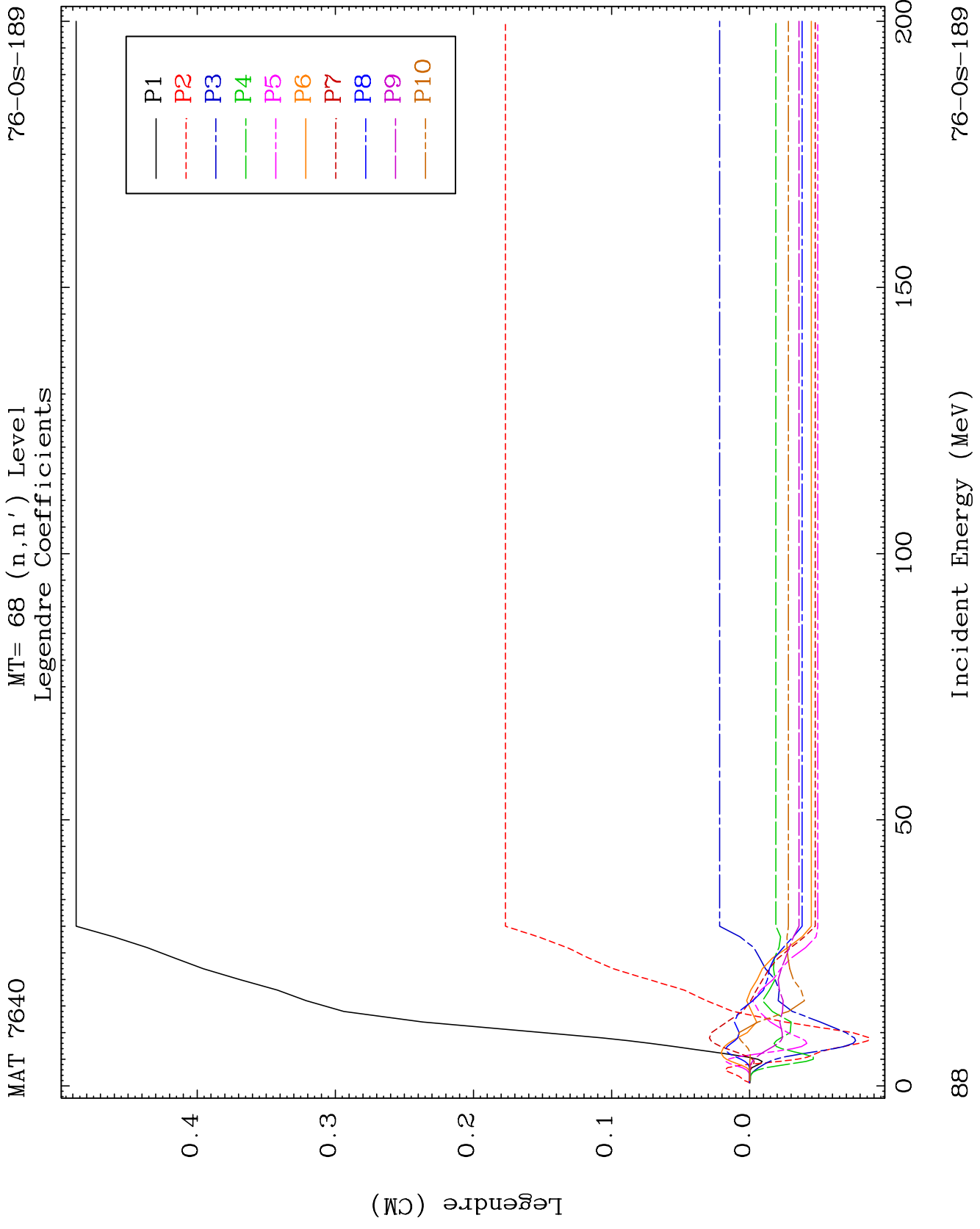
76-Os-189



87

Incident Energy (MeV)

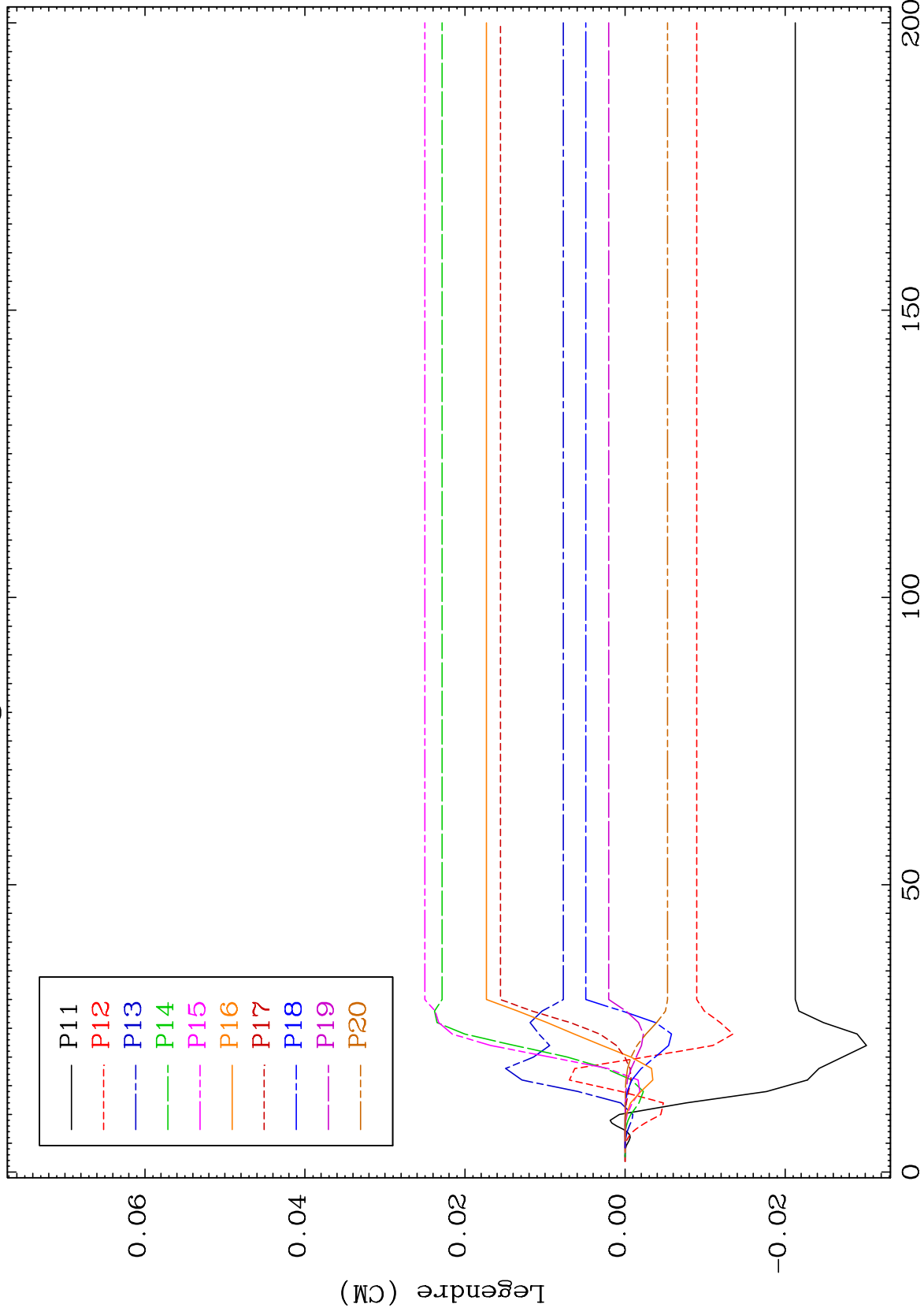
76-Os-189



MAT 7640

MT= 68 (n,n') Level
Legendre Coefficients

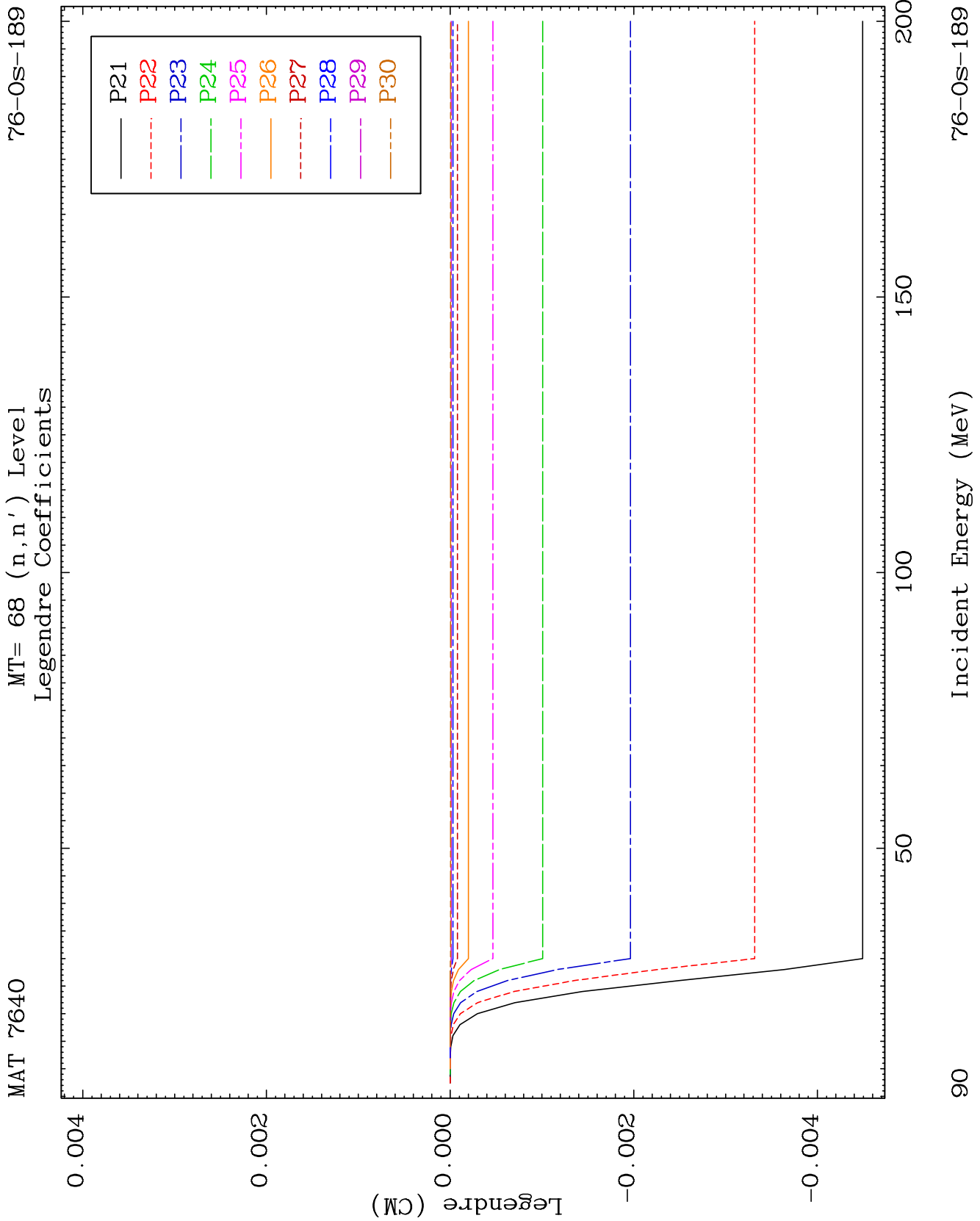
76-Os-189

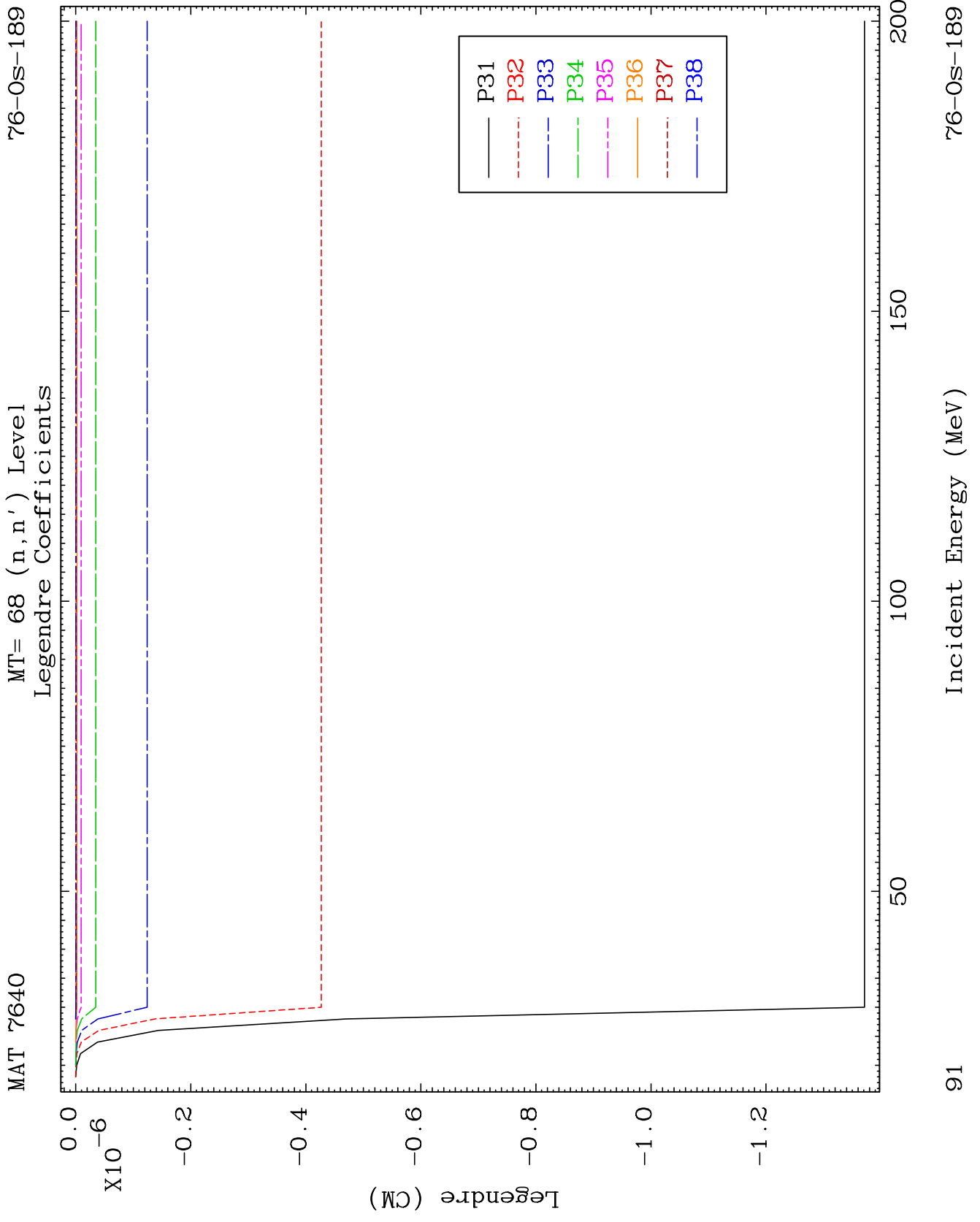


89

Incident Energy (MeV)

76-Os-189

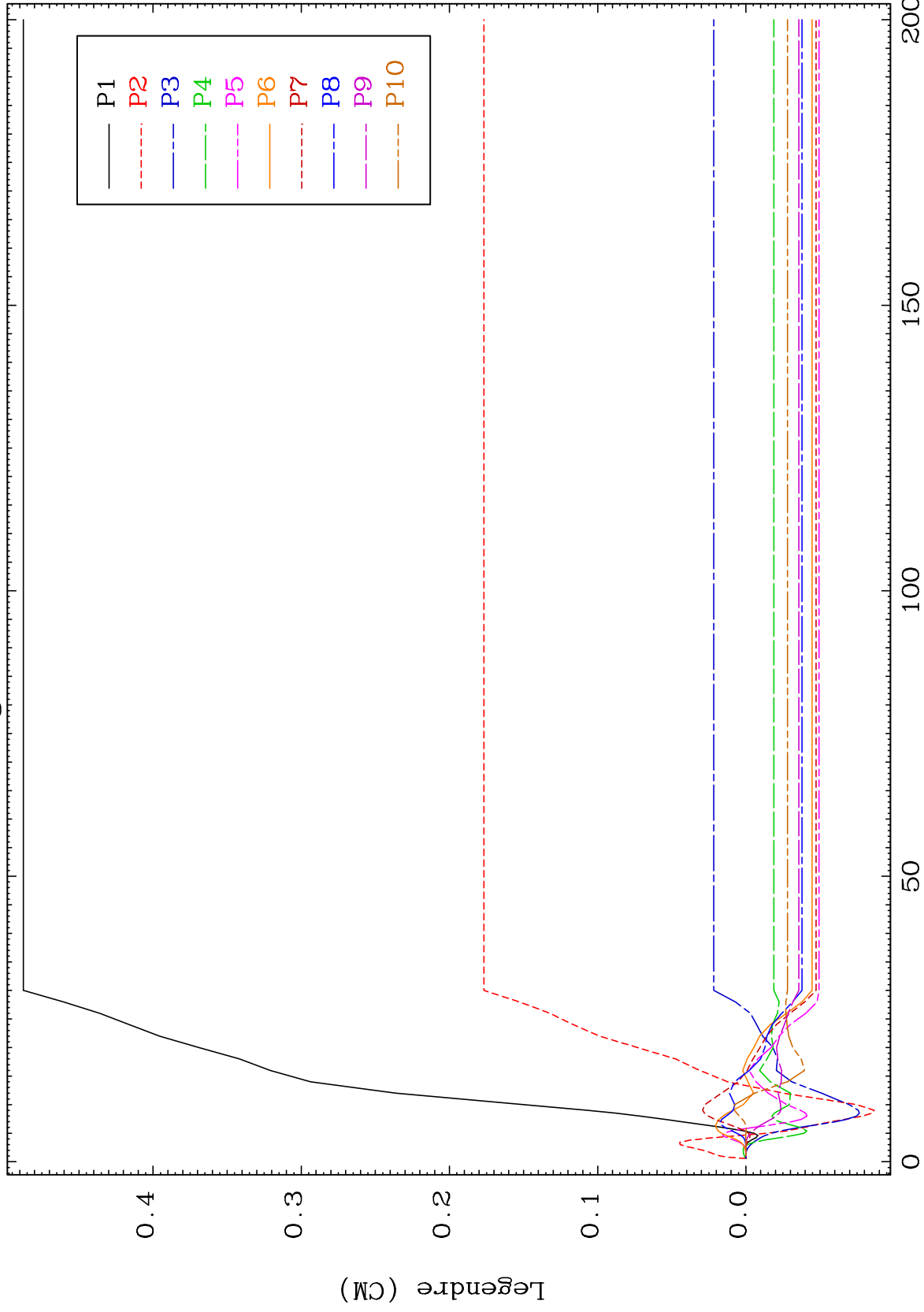




MAT 7640

MT= 69 (n,n') Level
Legendre Coefficients

76-Os-189



92

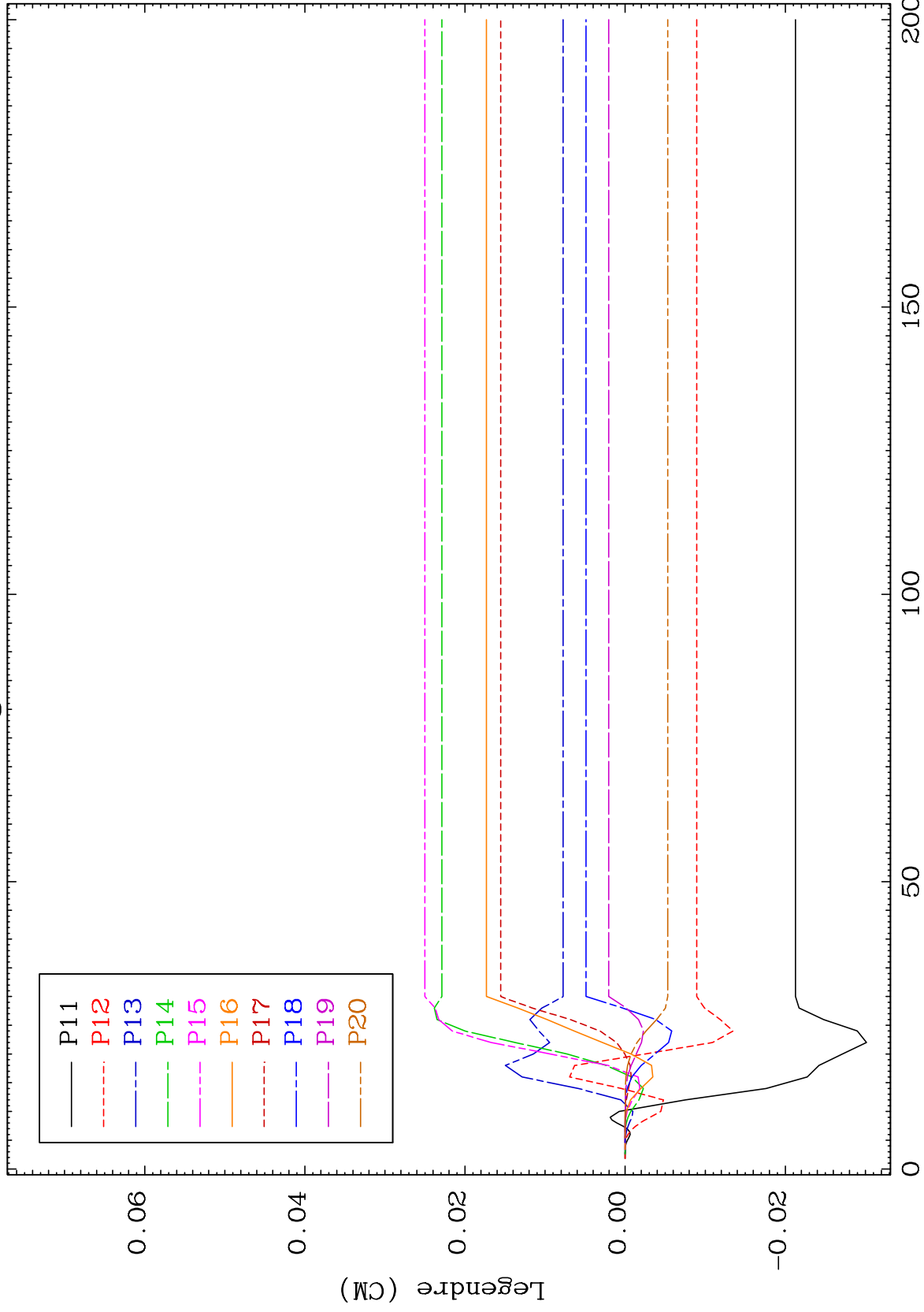
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 69 (n,n') Level
Legendre Coefficients

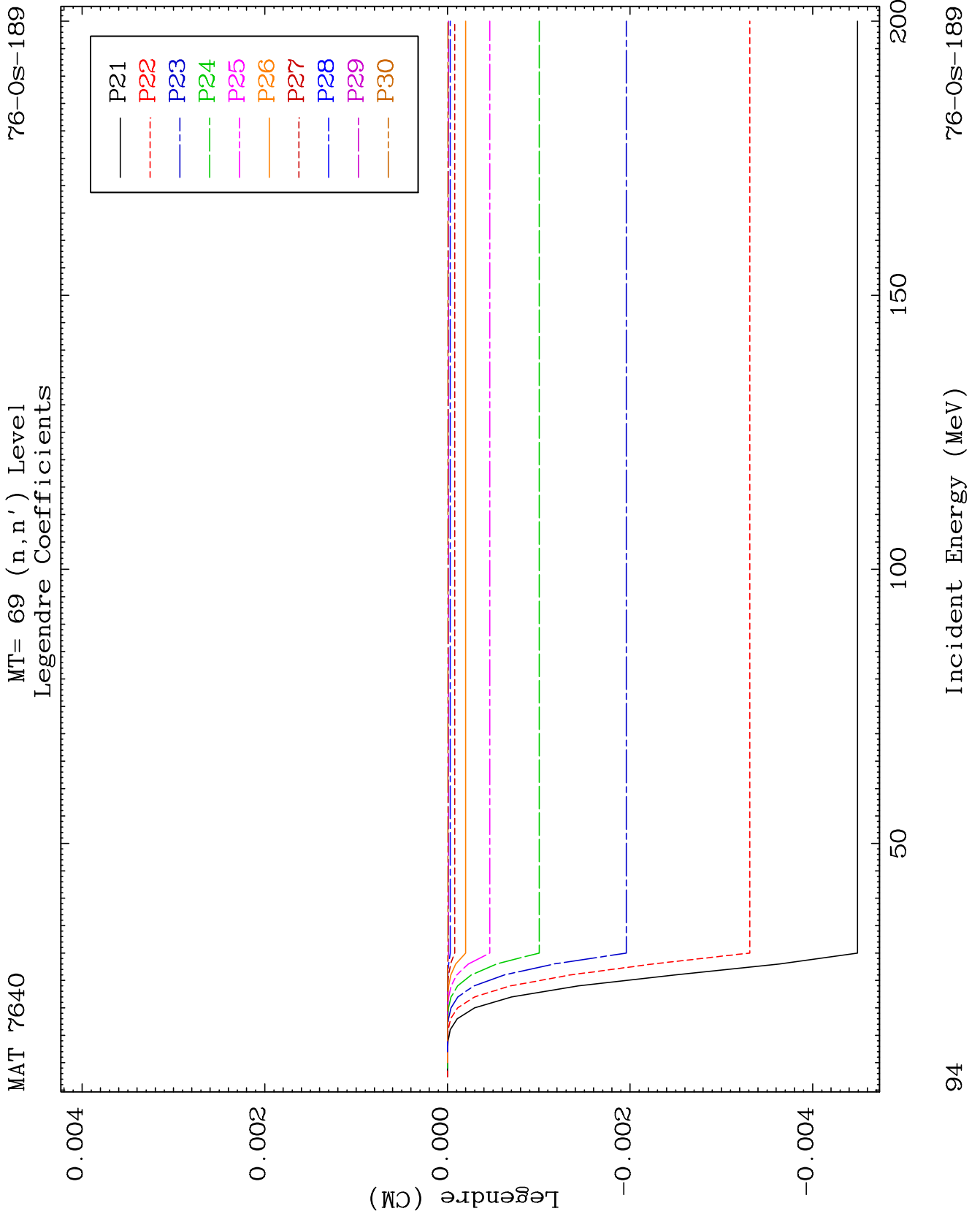
76-Os-189

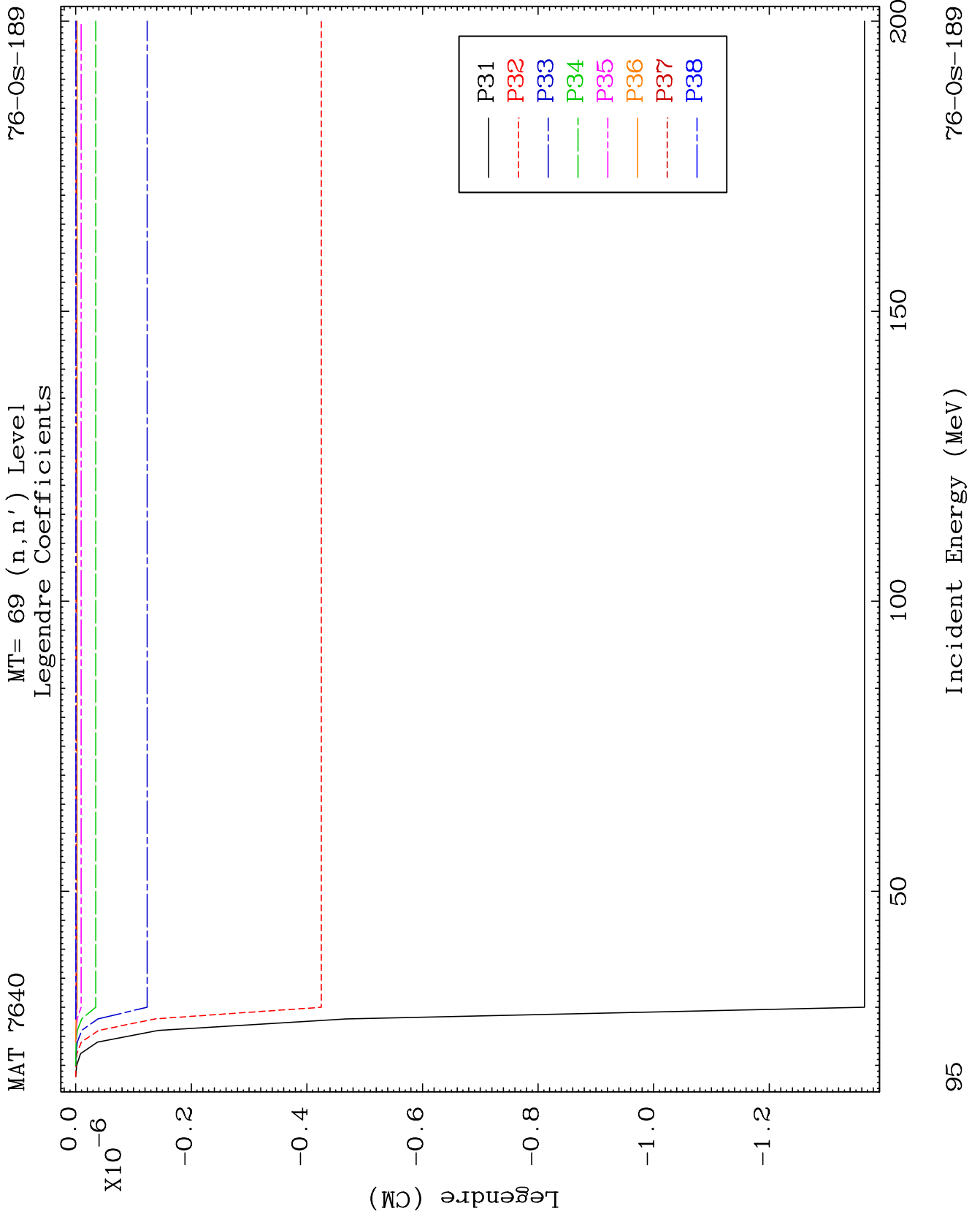


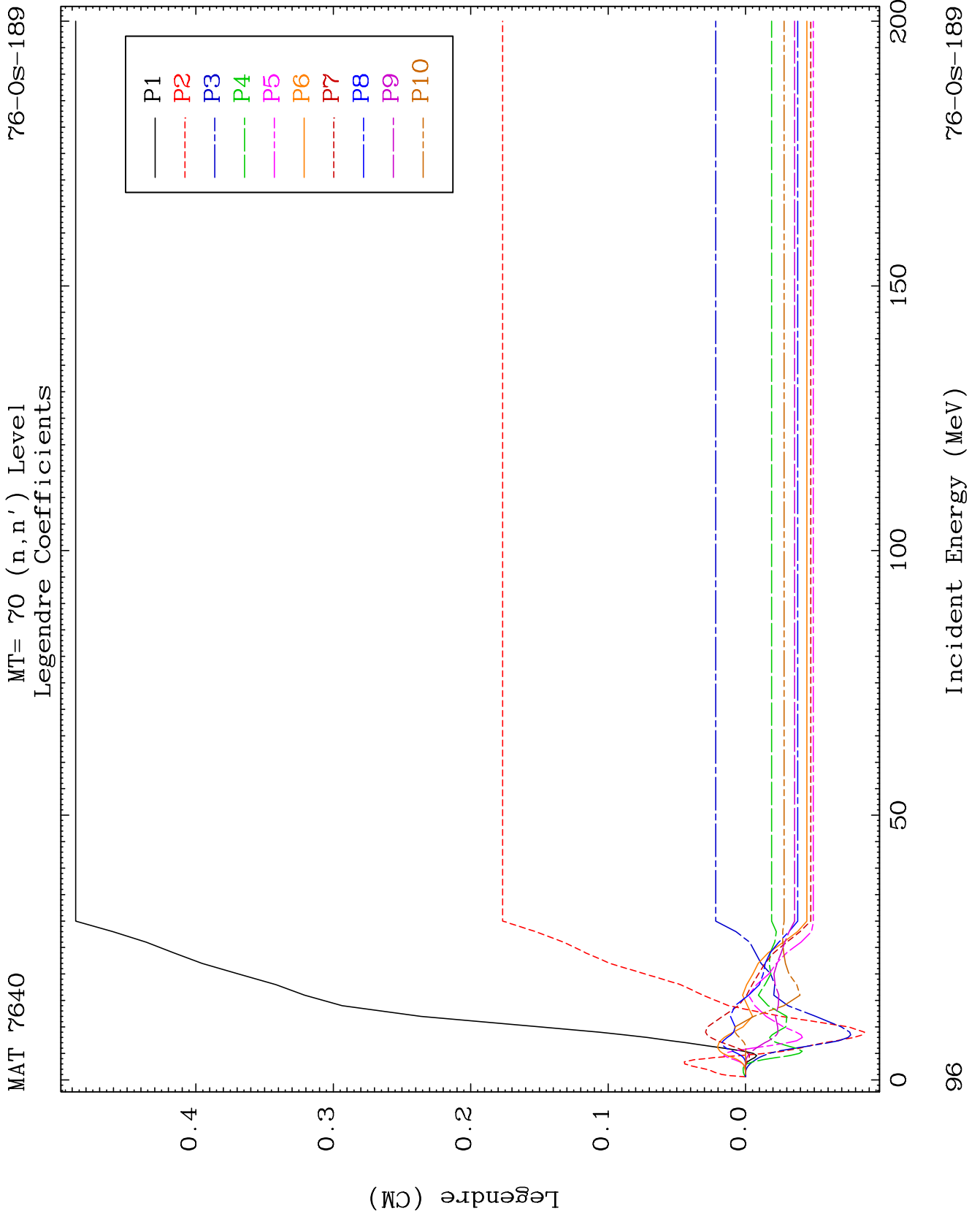
93

Incident Energy (MeV)

76-Os-189



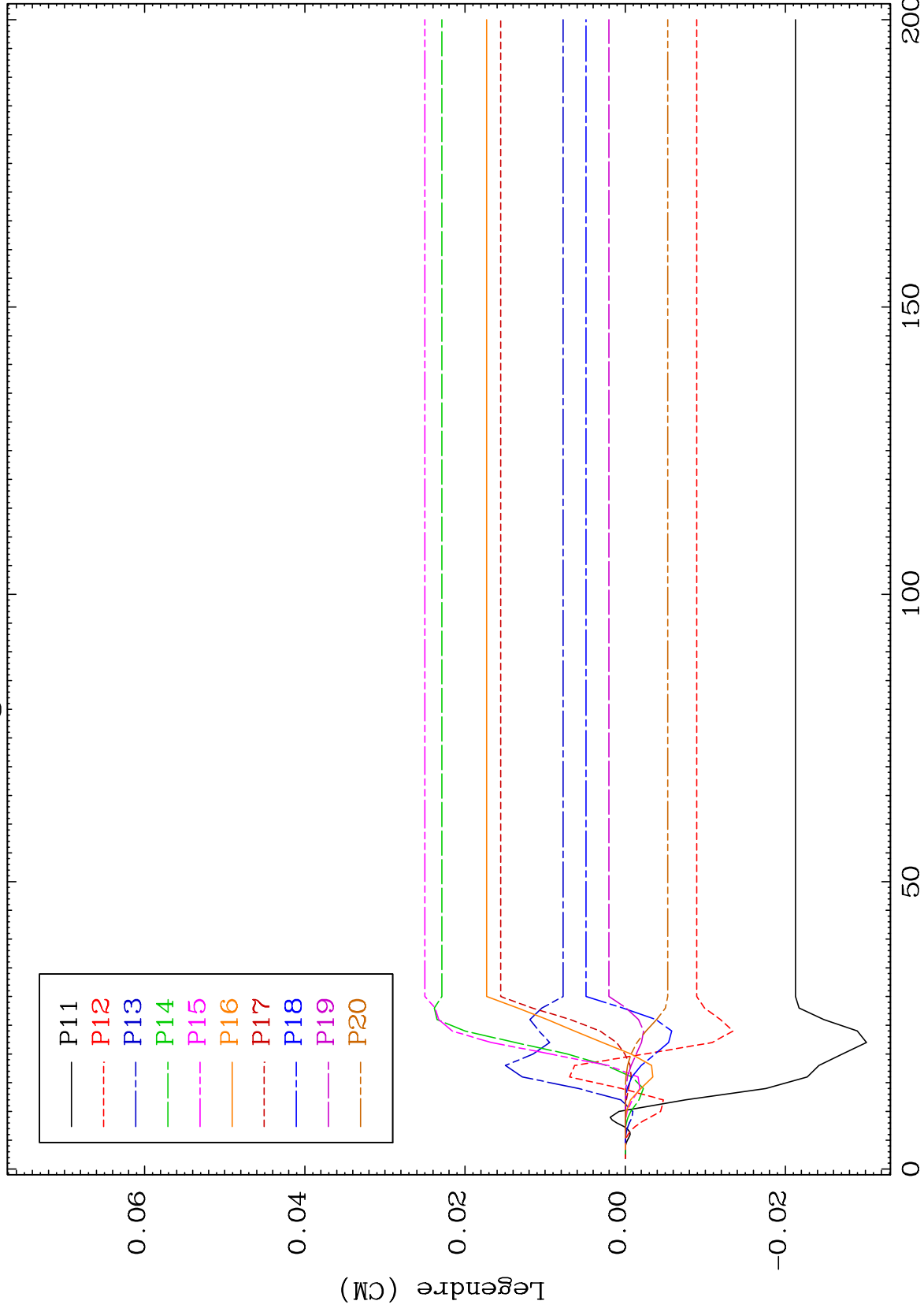




MAT 7640

MT= 70 (n,n') Level
Legendre Coefficients

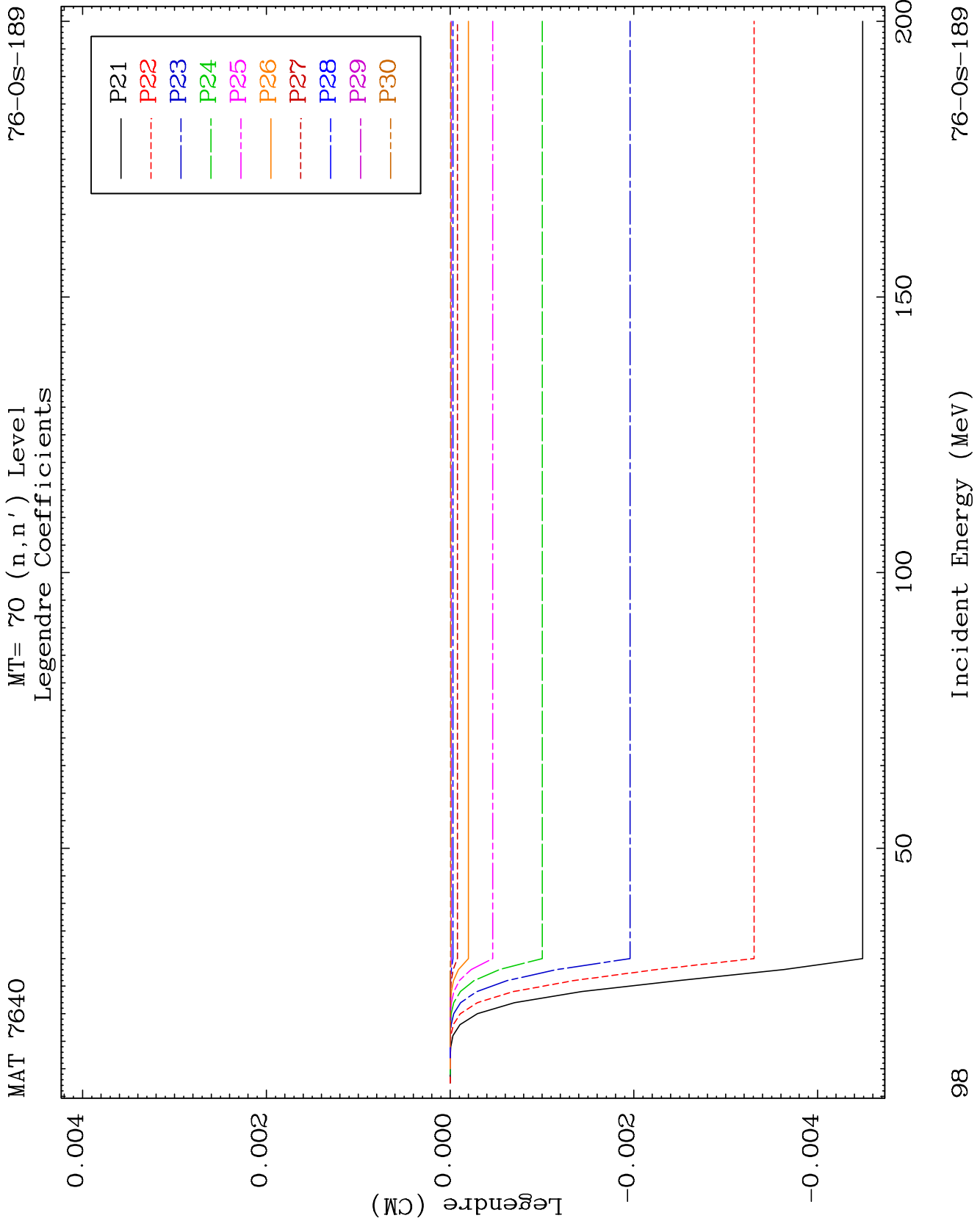
76-Os-189

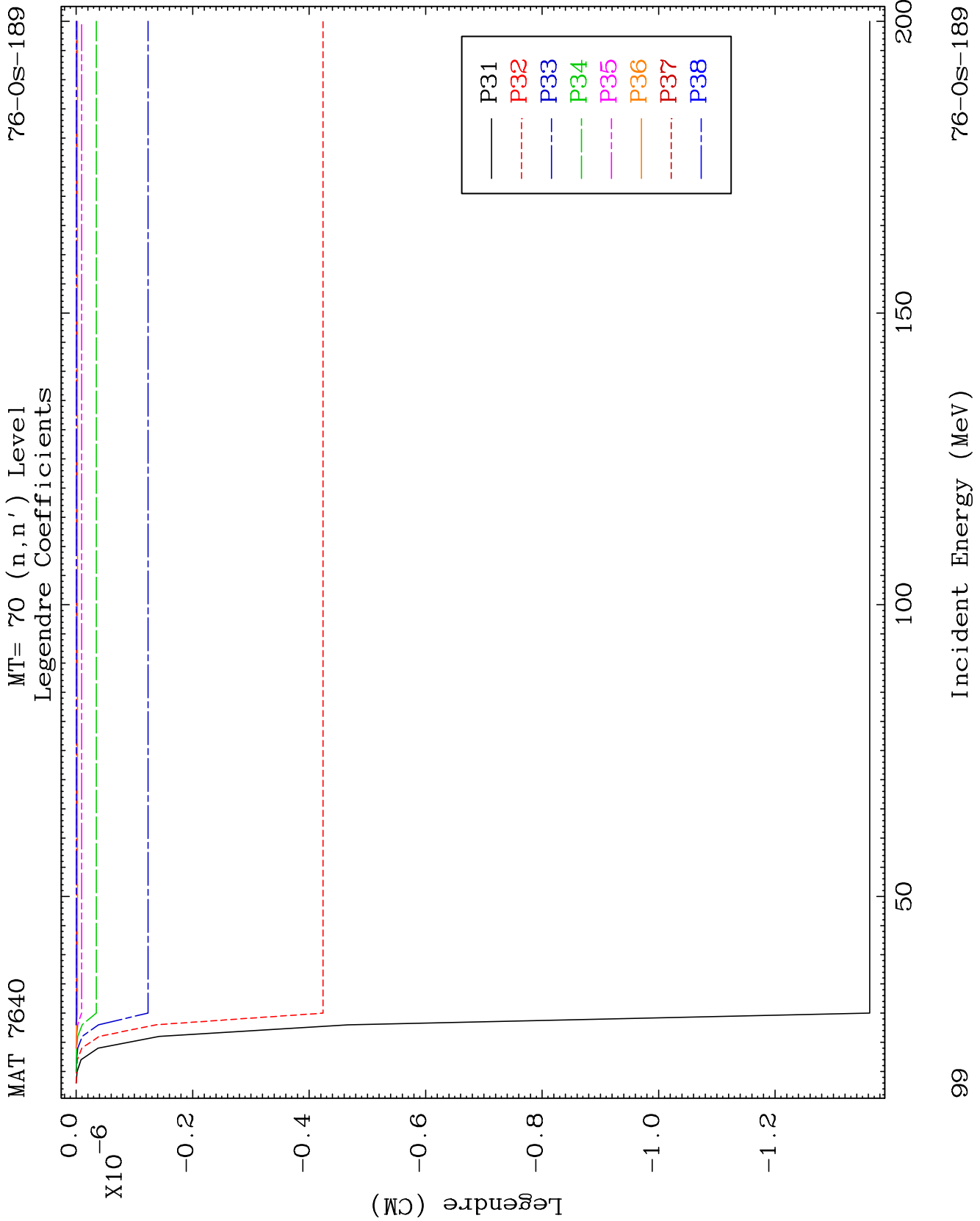


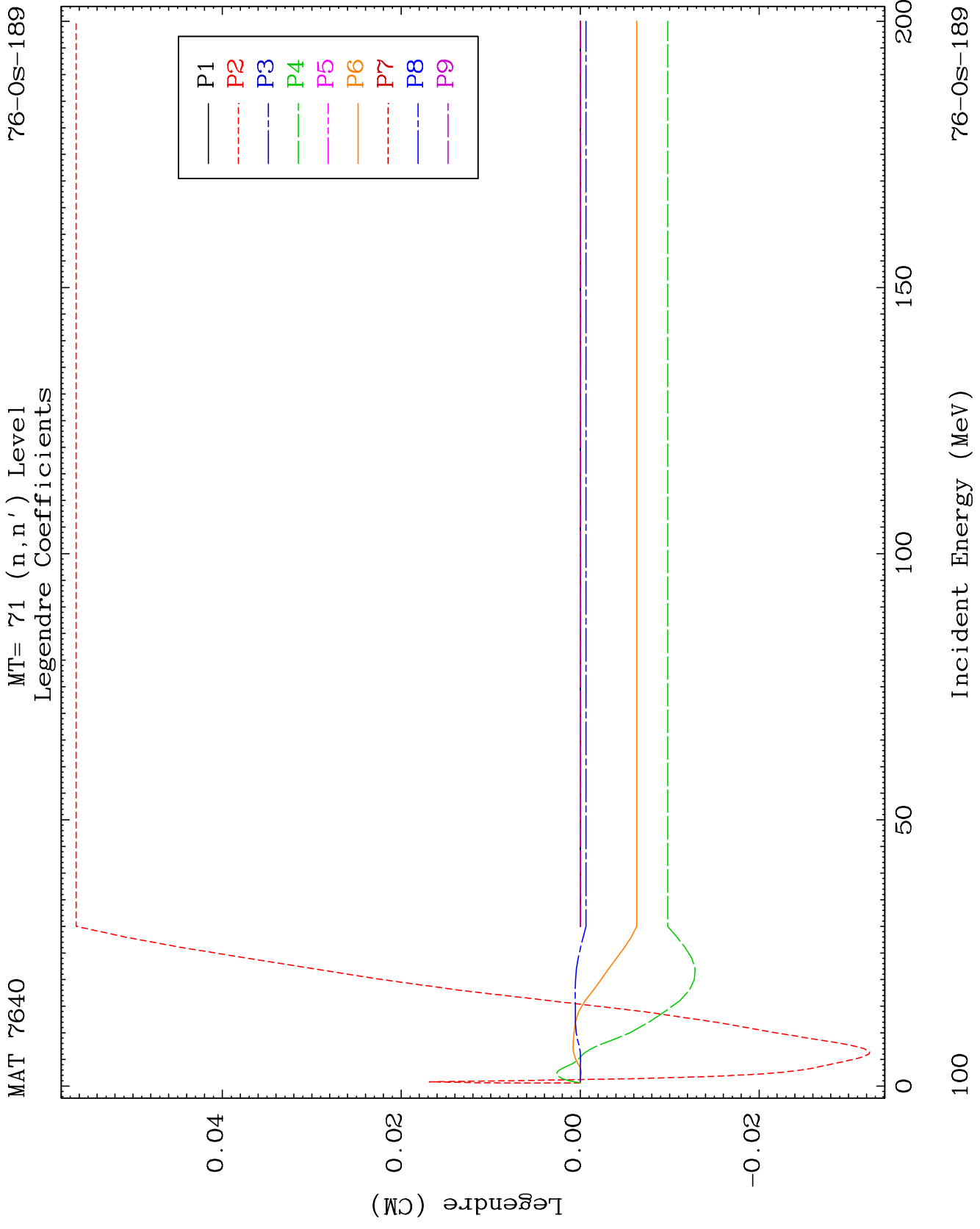
97

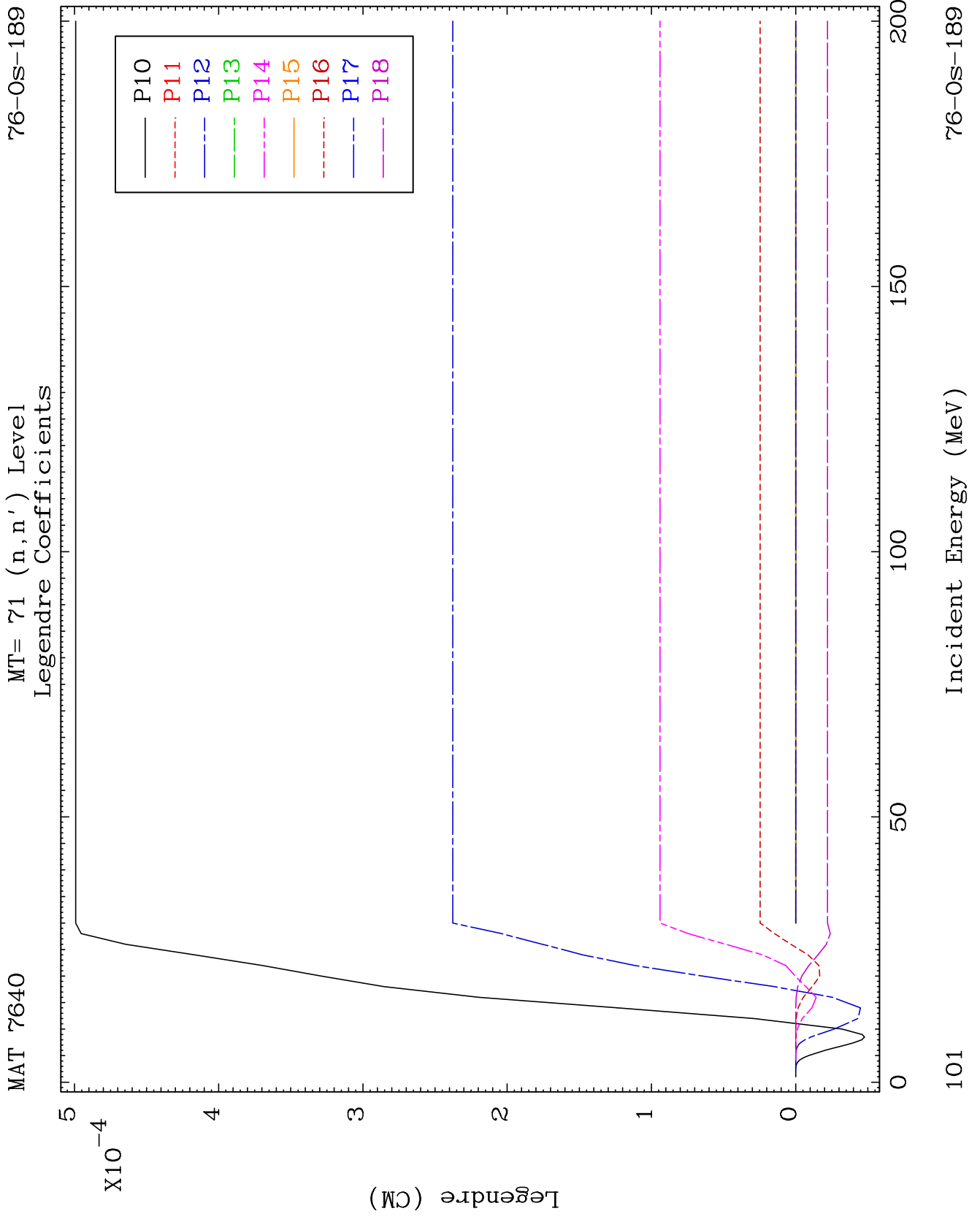
Incident Energy (MeV)

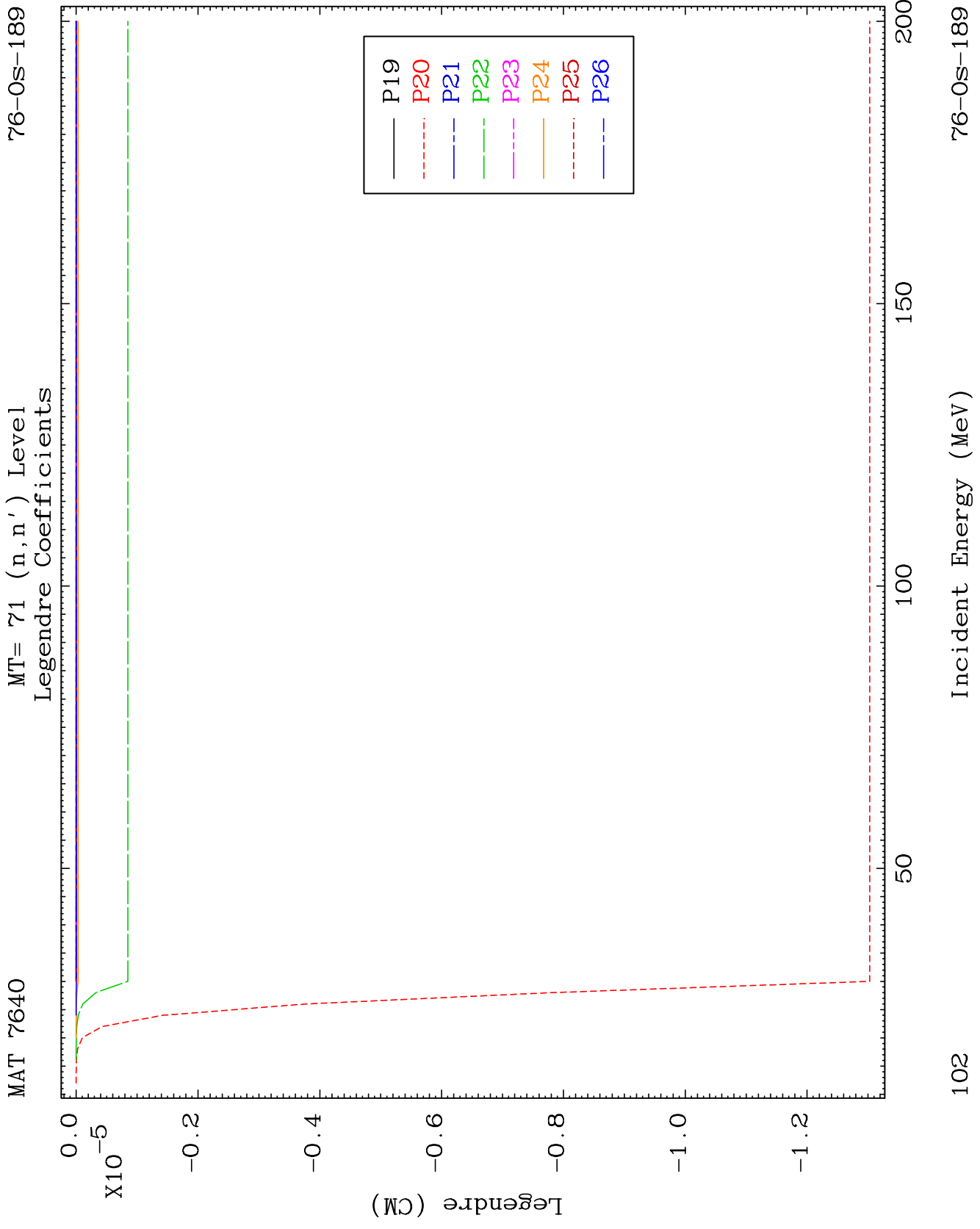
76-Os-189







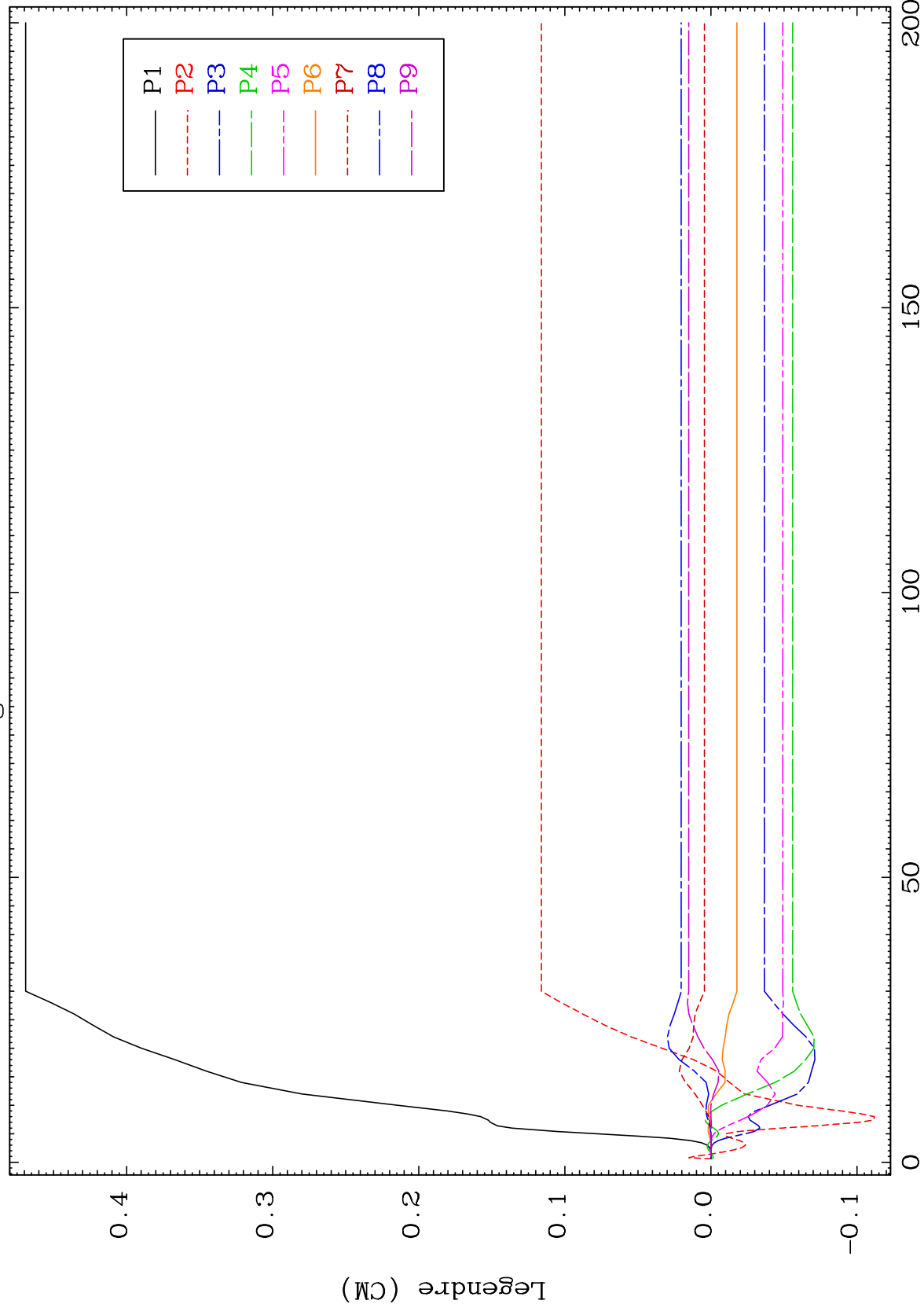




MAT 7640

MT= 72 (n,n') Level
Legendre Coefficients

76-Os-189



76-Os-189

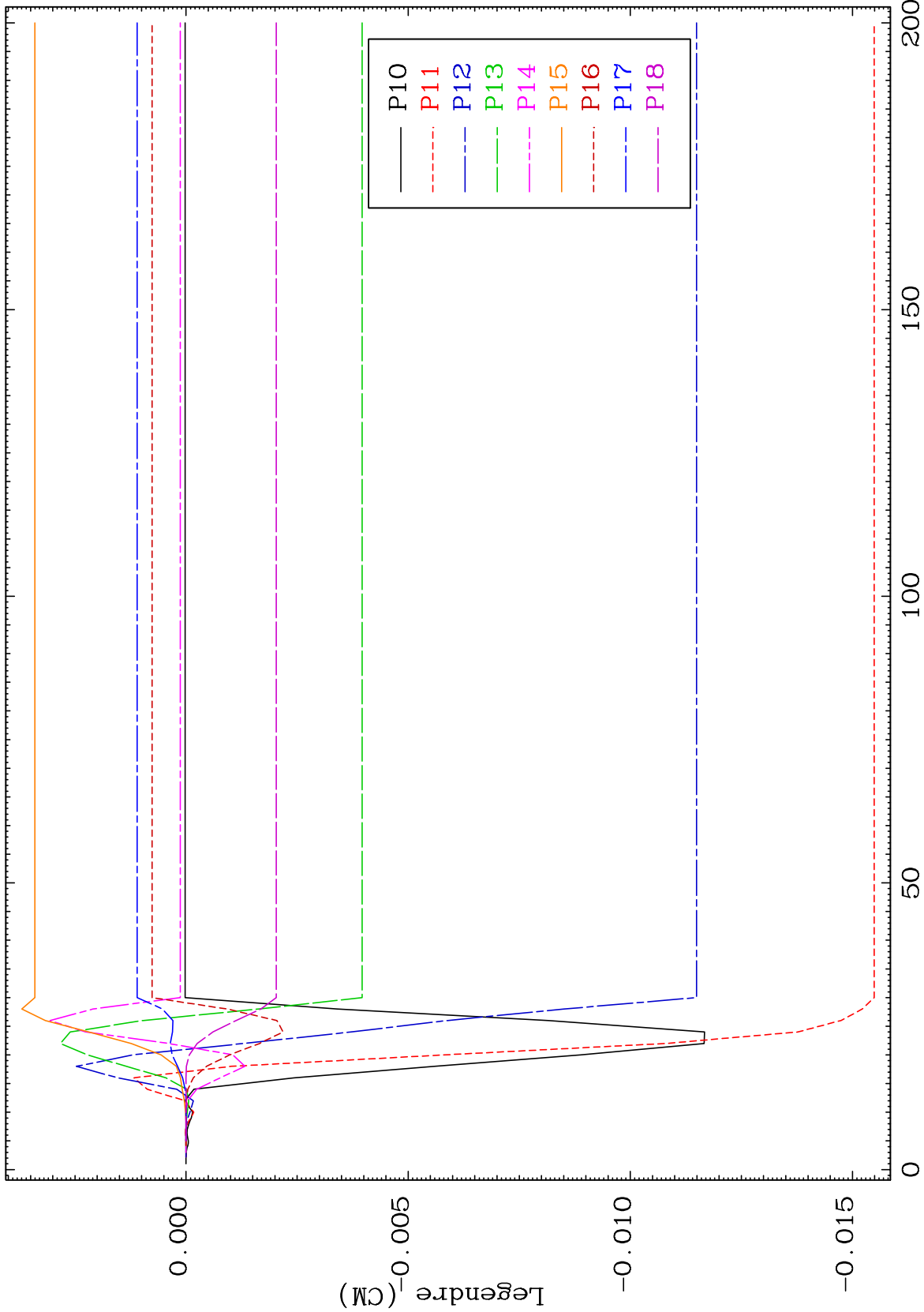
Incident Energy (MeV)

103

MAT 7640

MT= 72 (n,n') Level
Legendre Coefficients

76-Os-189



104

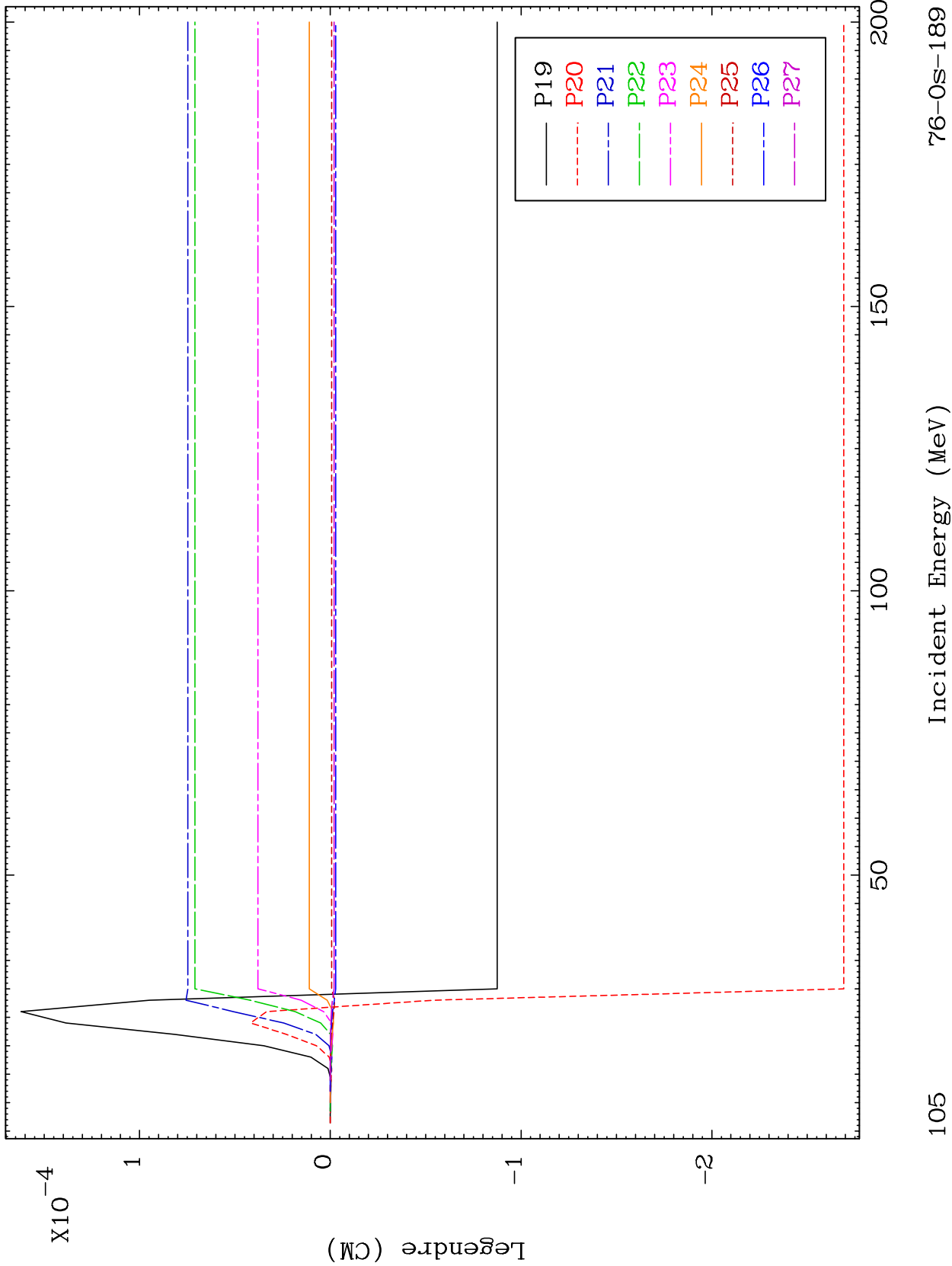
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 72 (n,n') Level
Legendre Coefficients

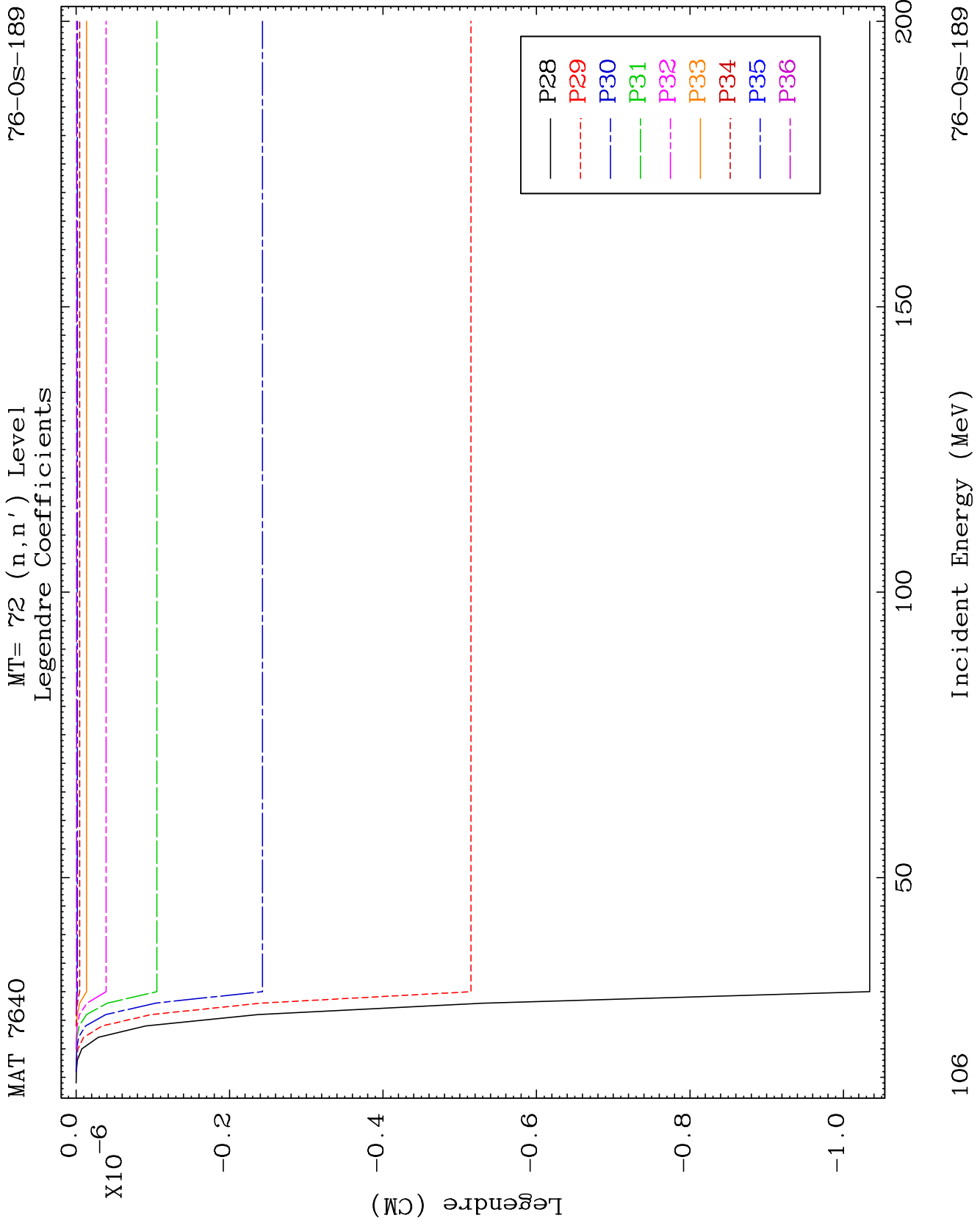
76-Os-189

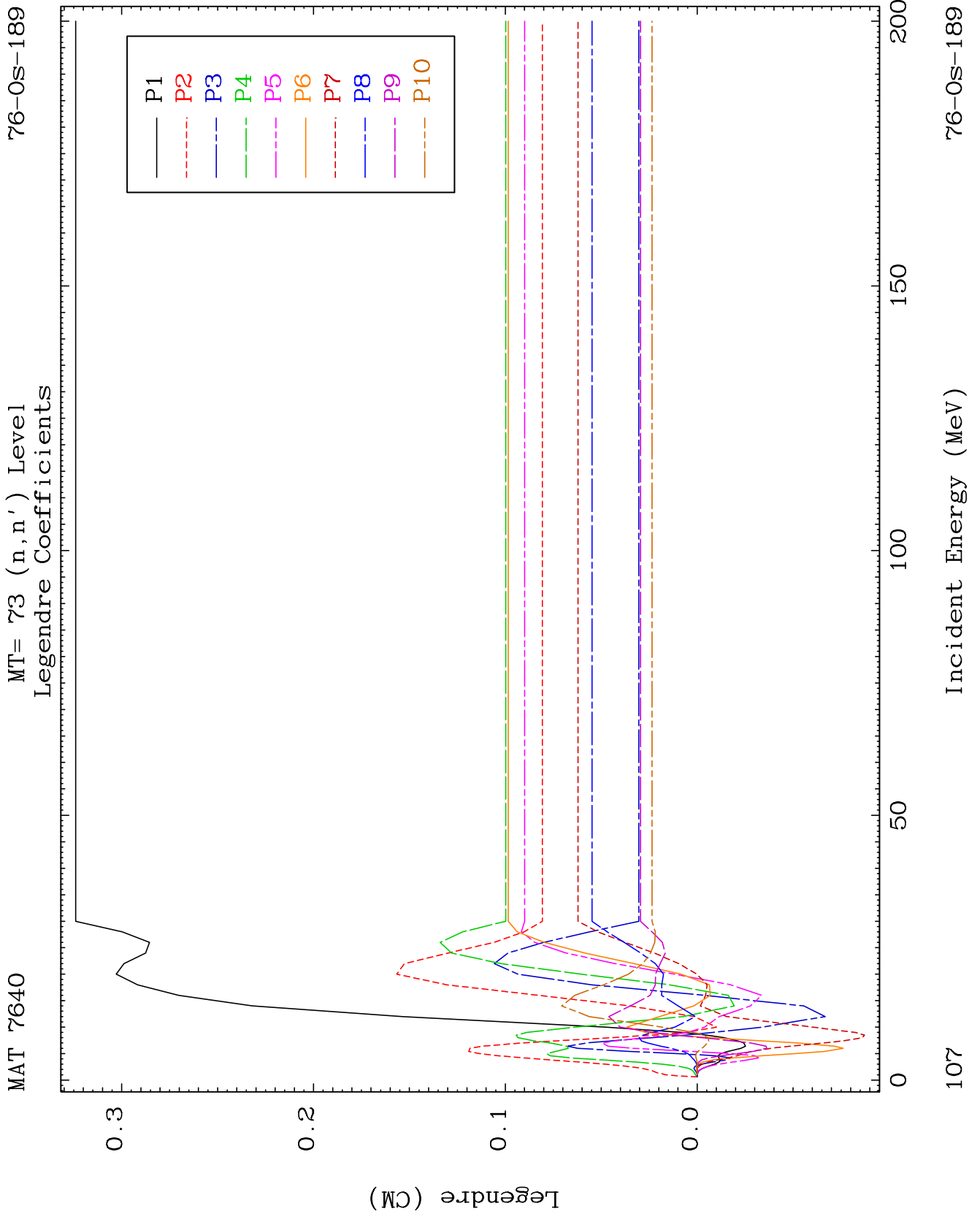


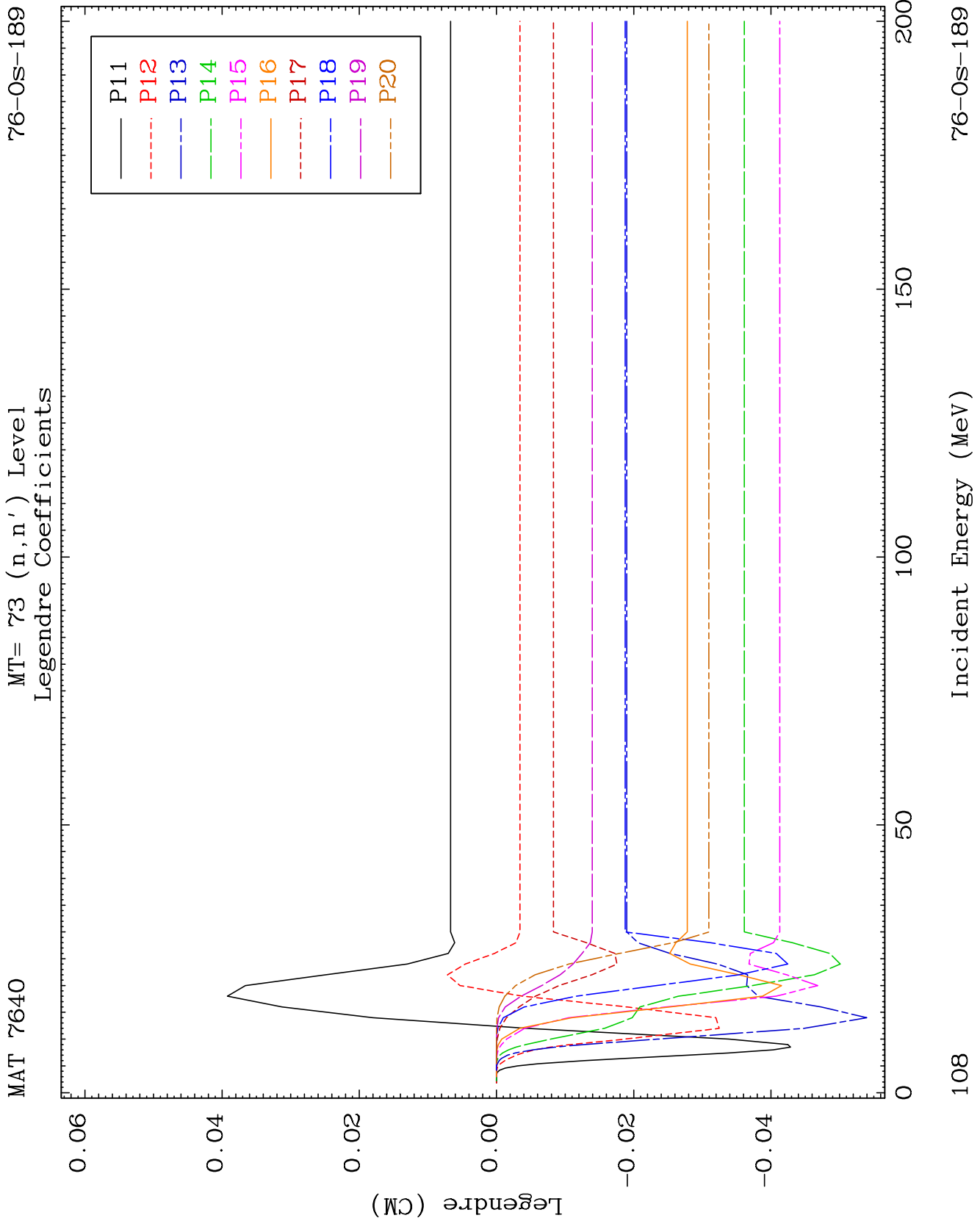
105

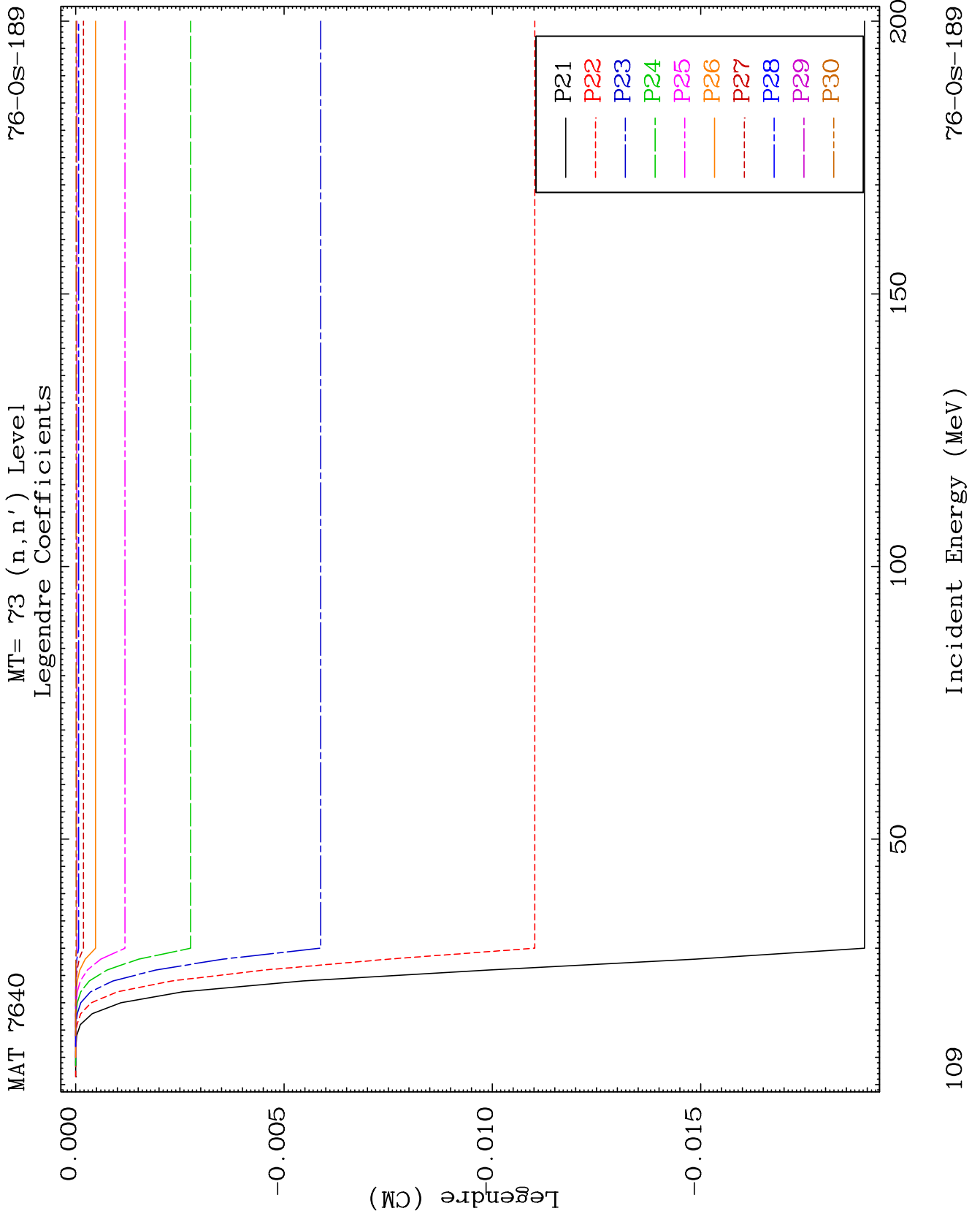
Incident Energy (MeV)

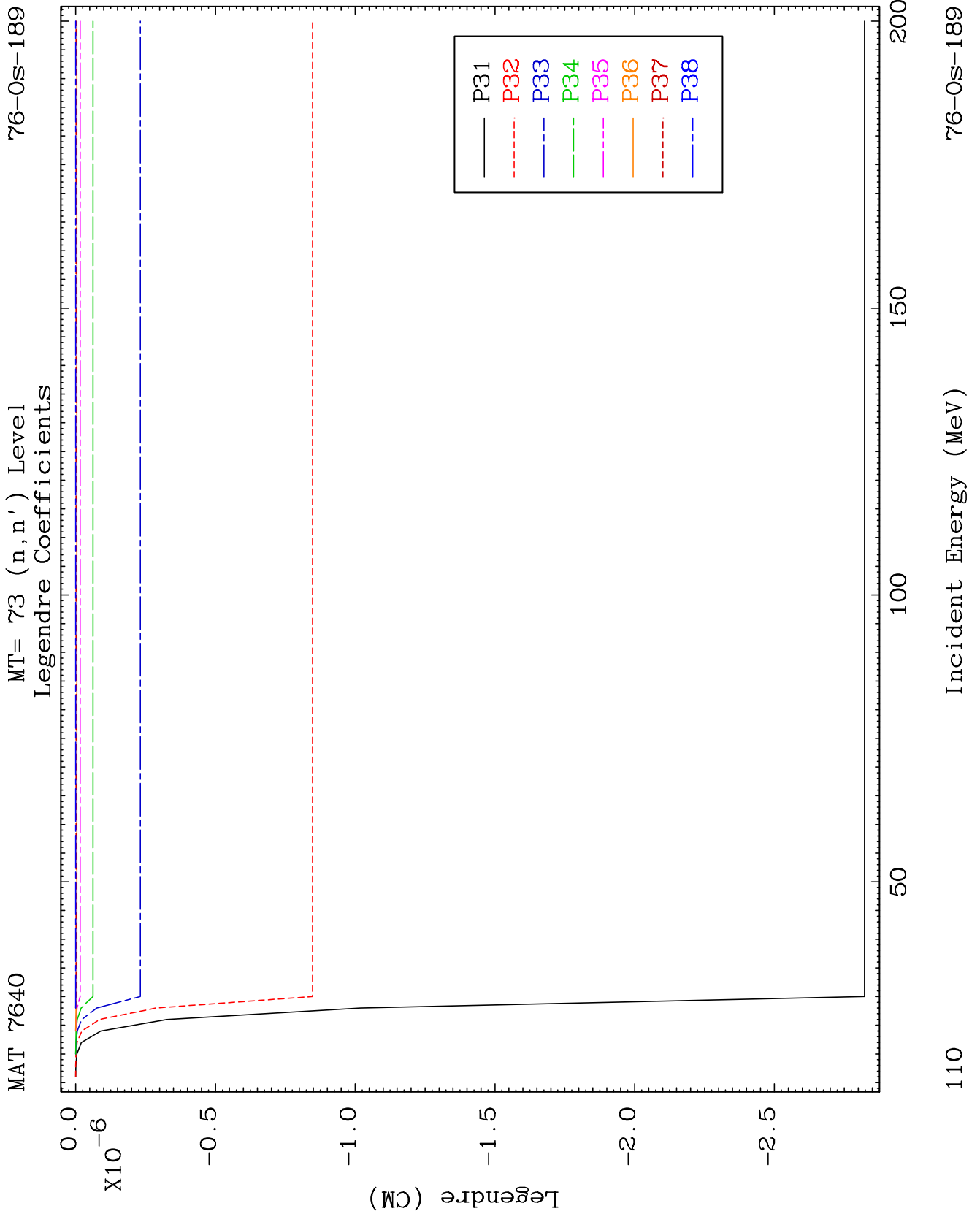
76-Os-189

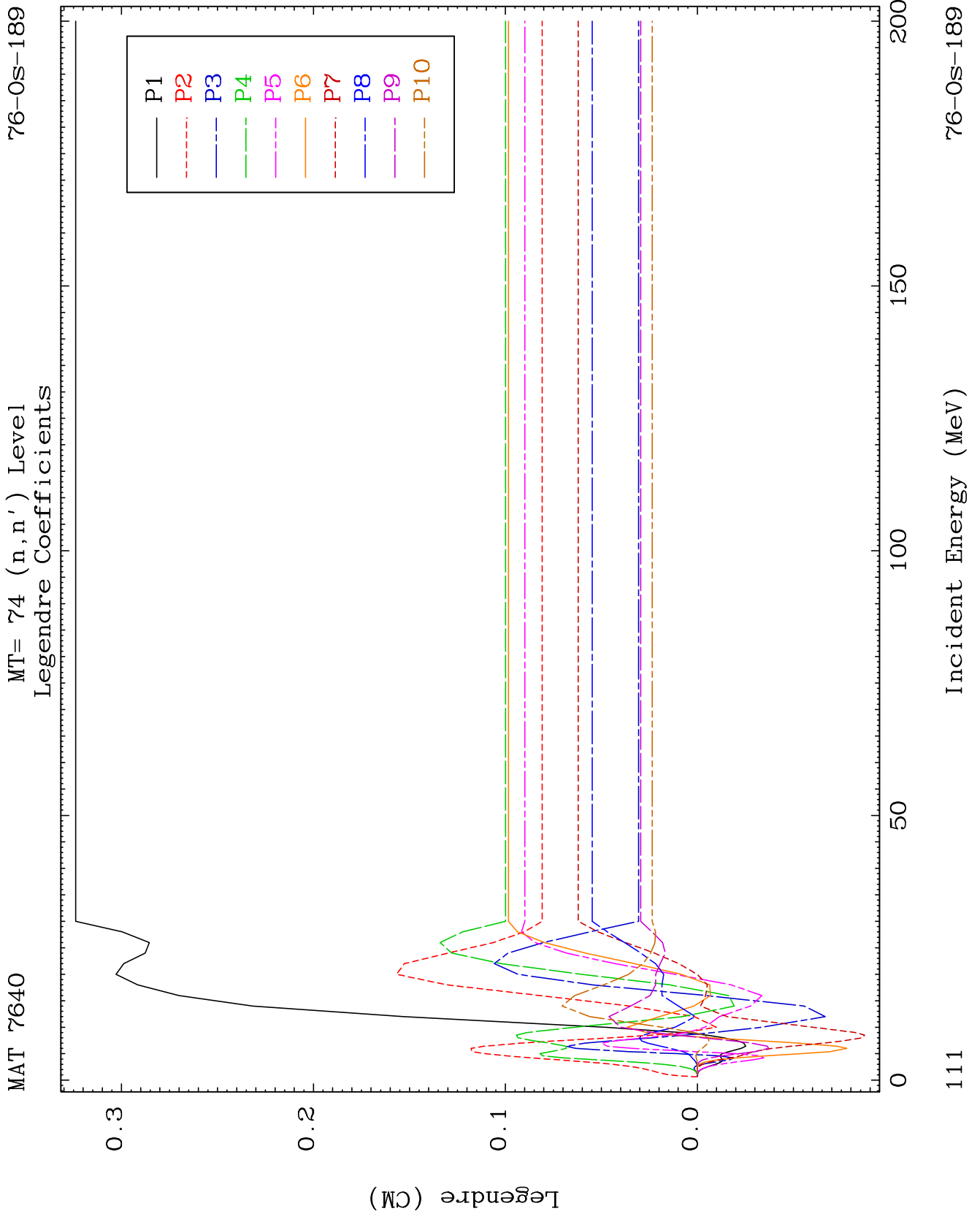


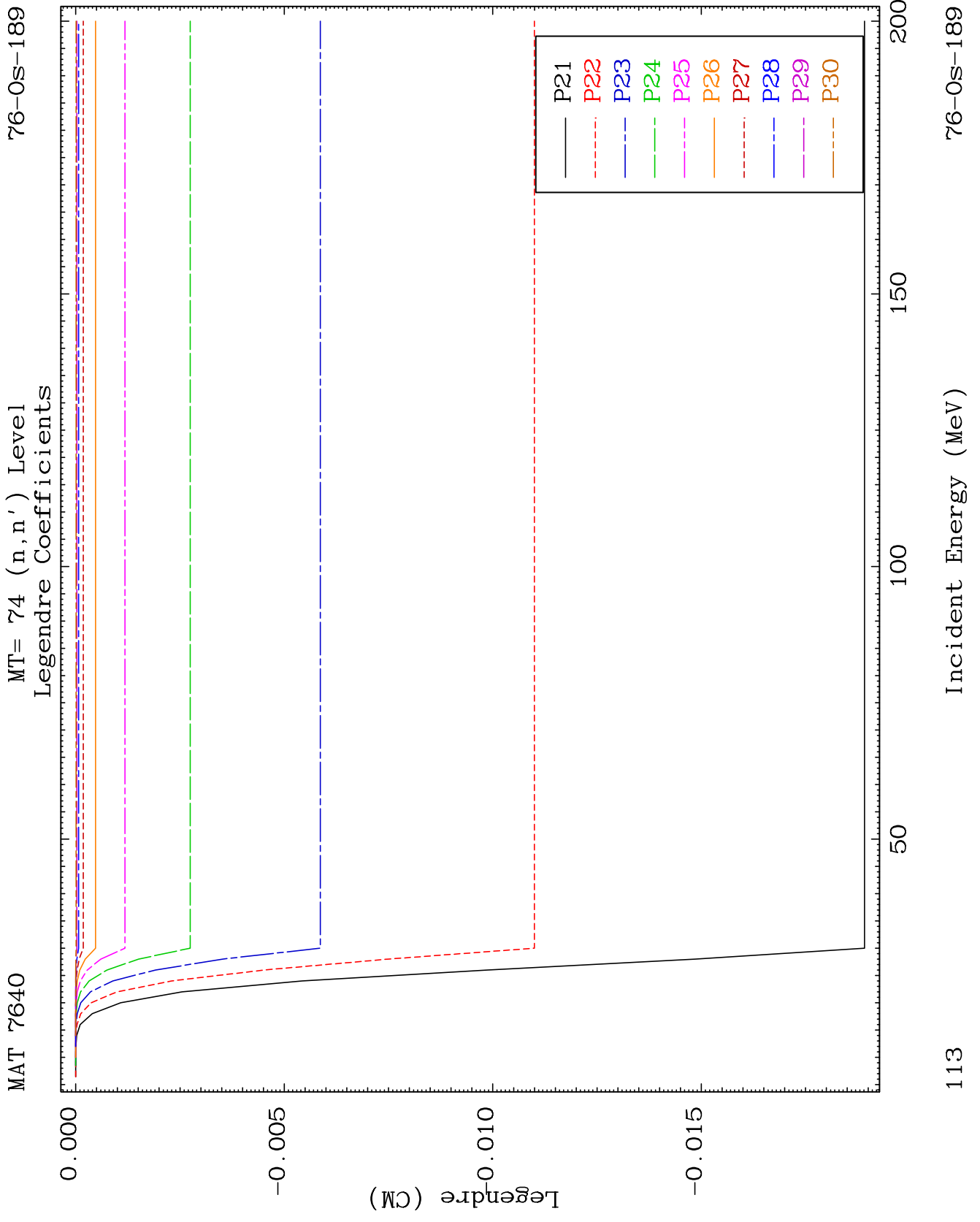


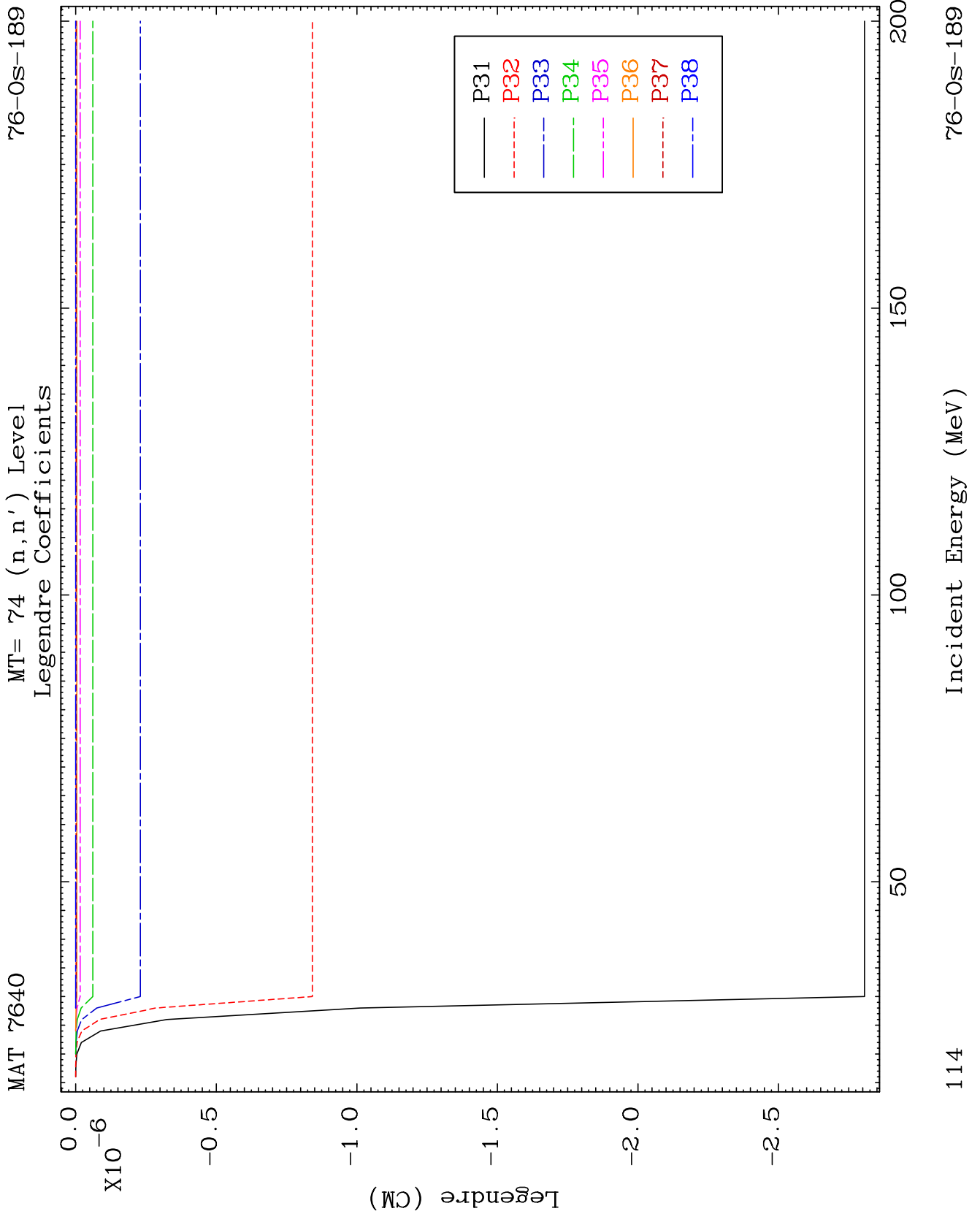


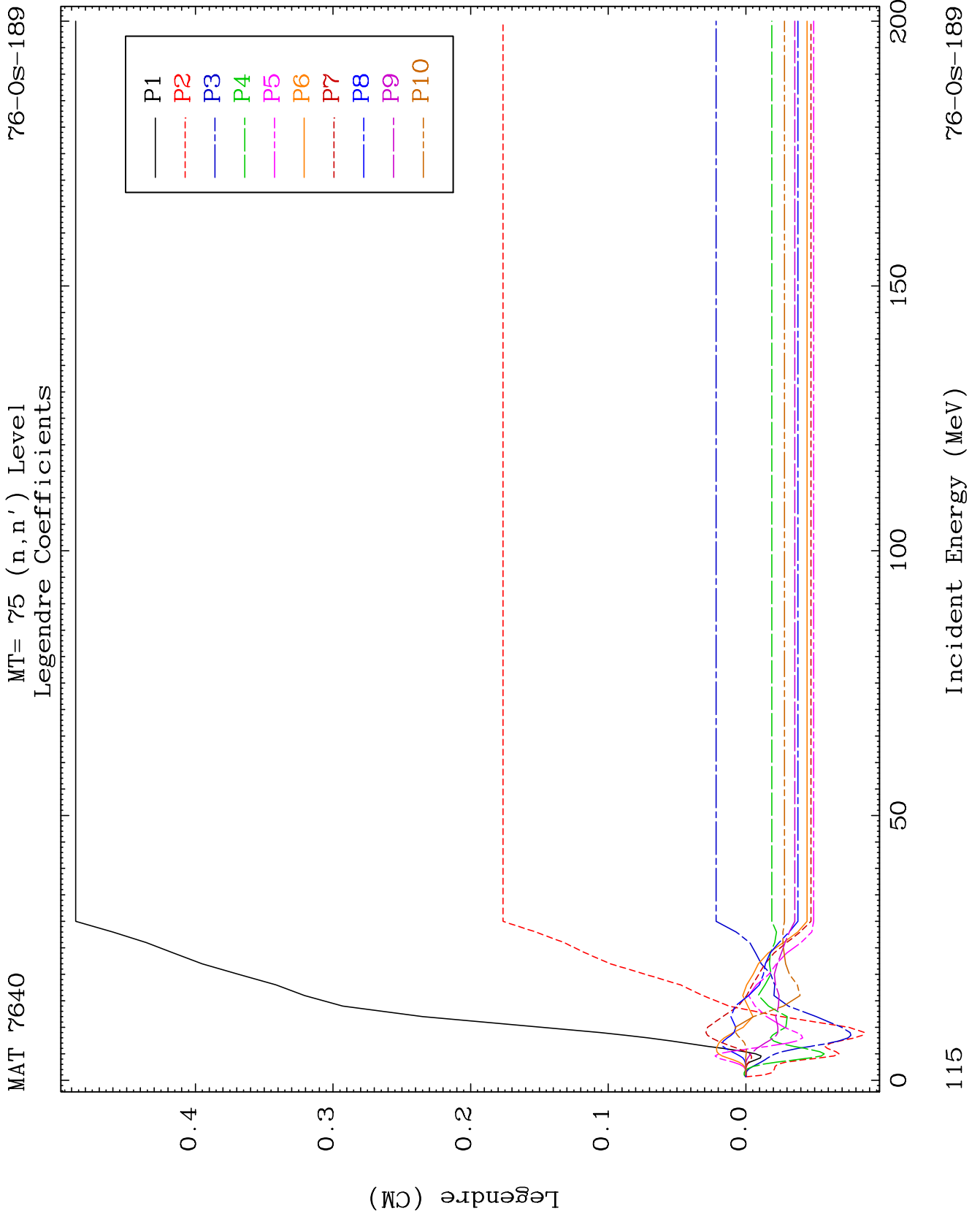








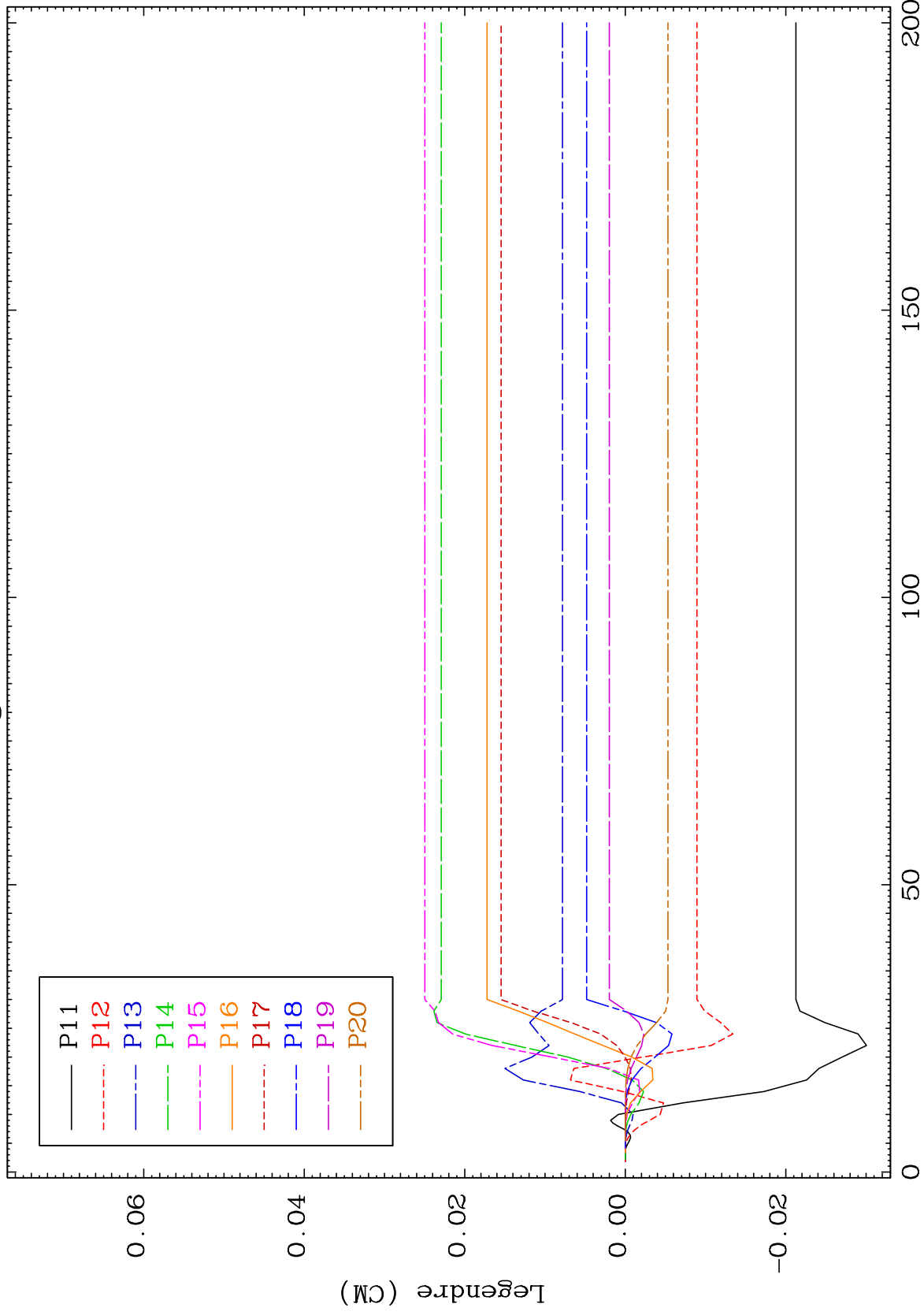




MAT 7640

MT= 75 (n,n') Level
Legendre Coefficients

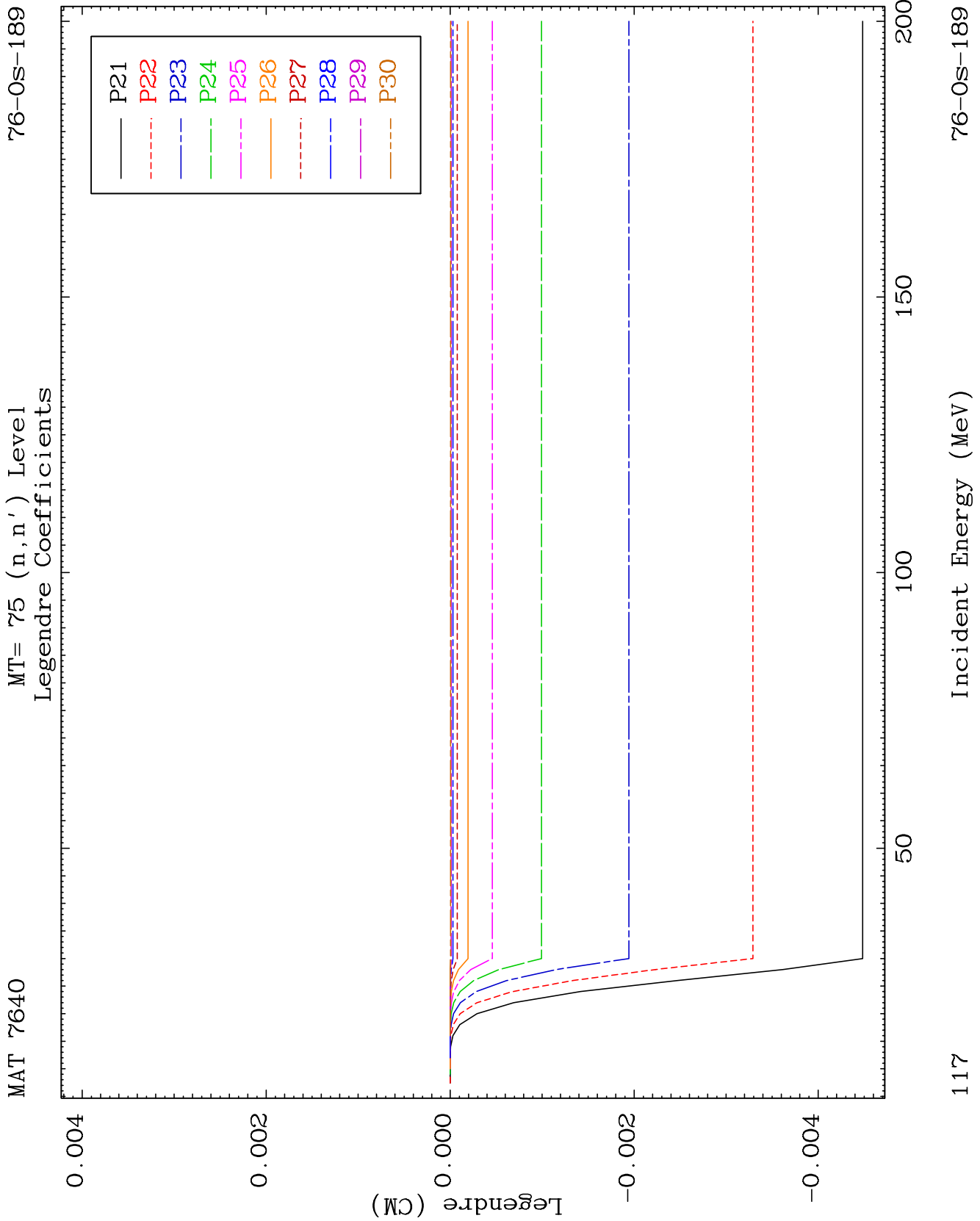
76-Os-189

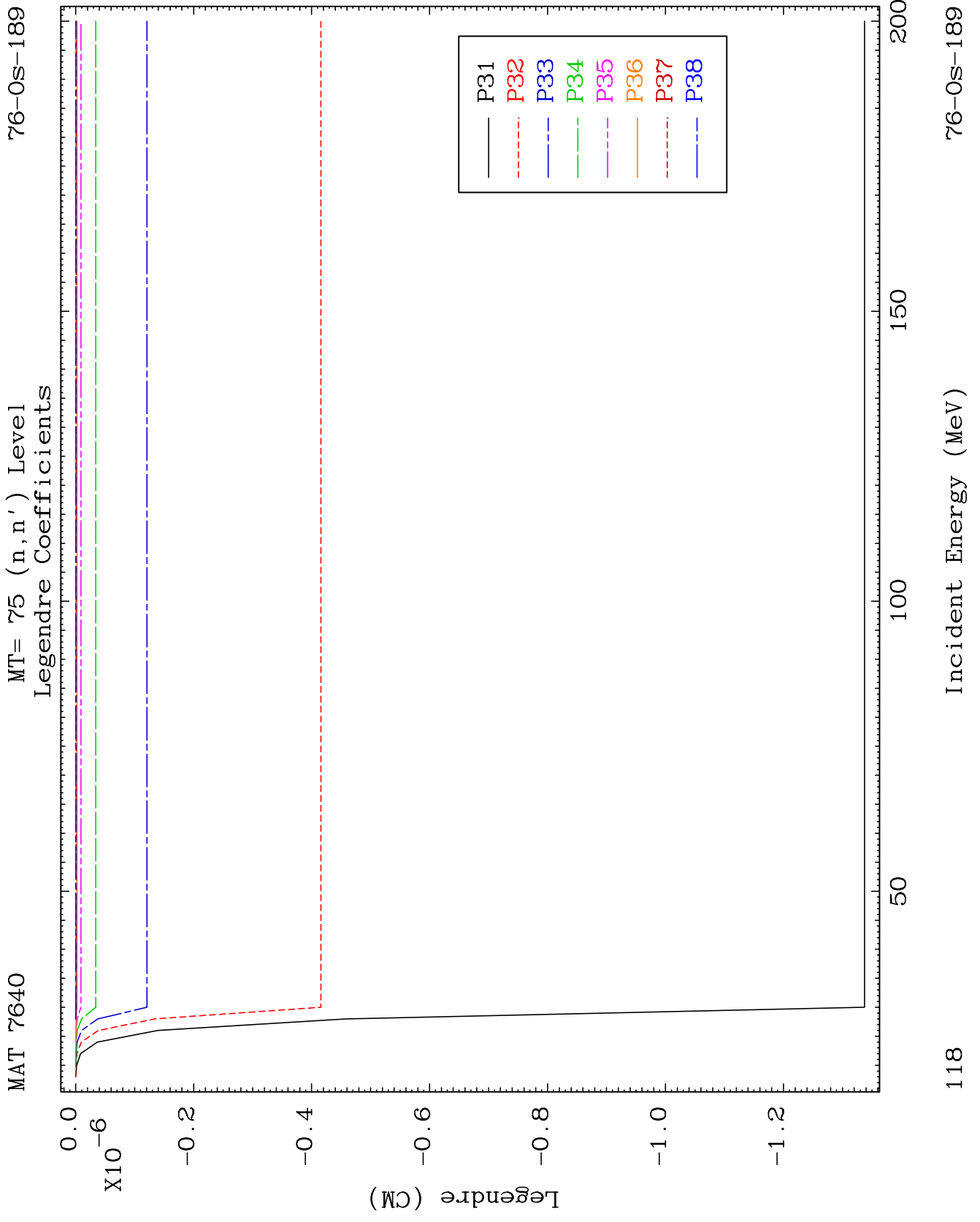


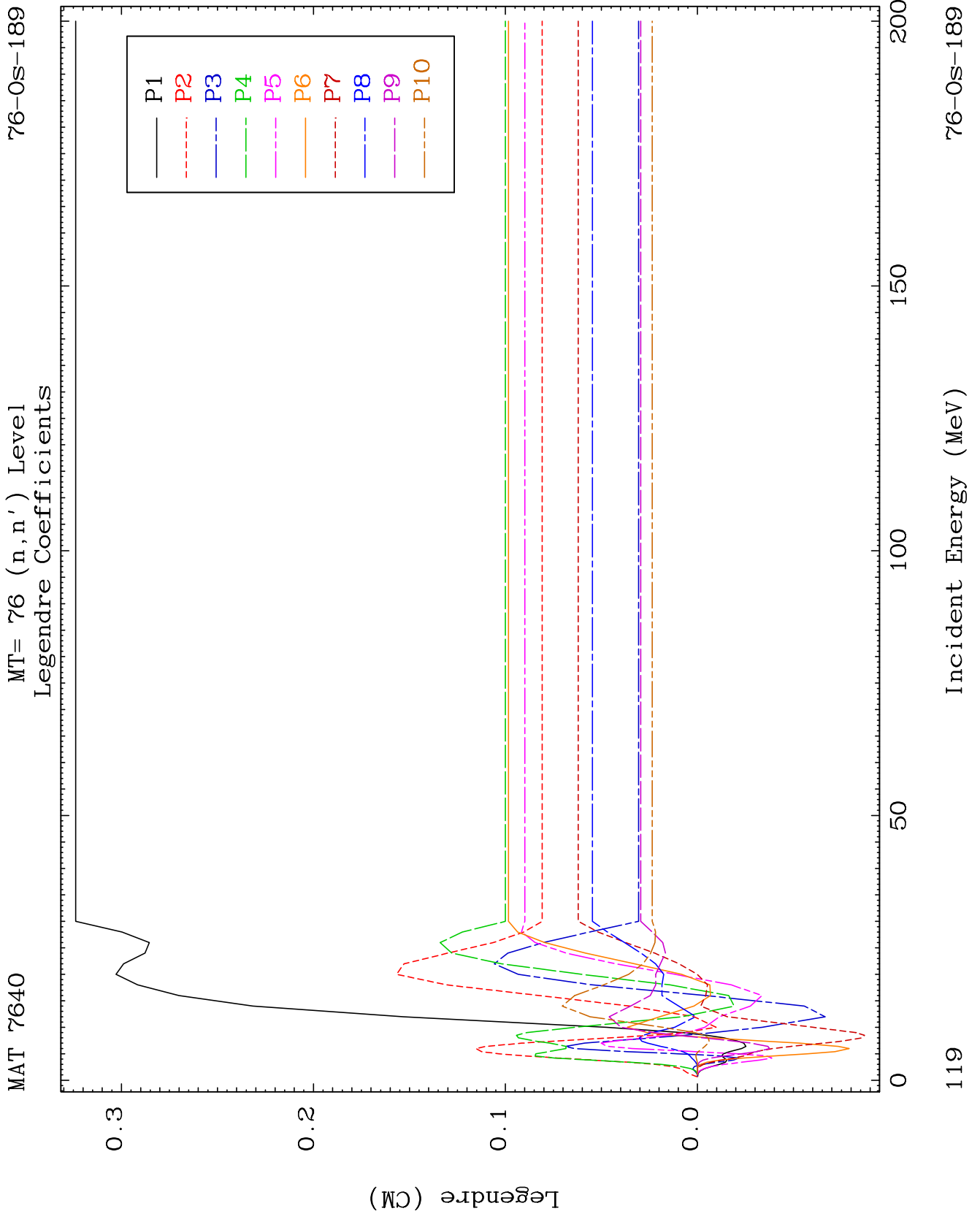
116

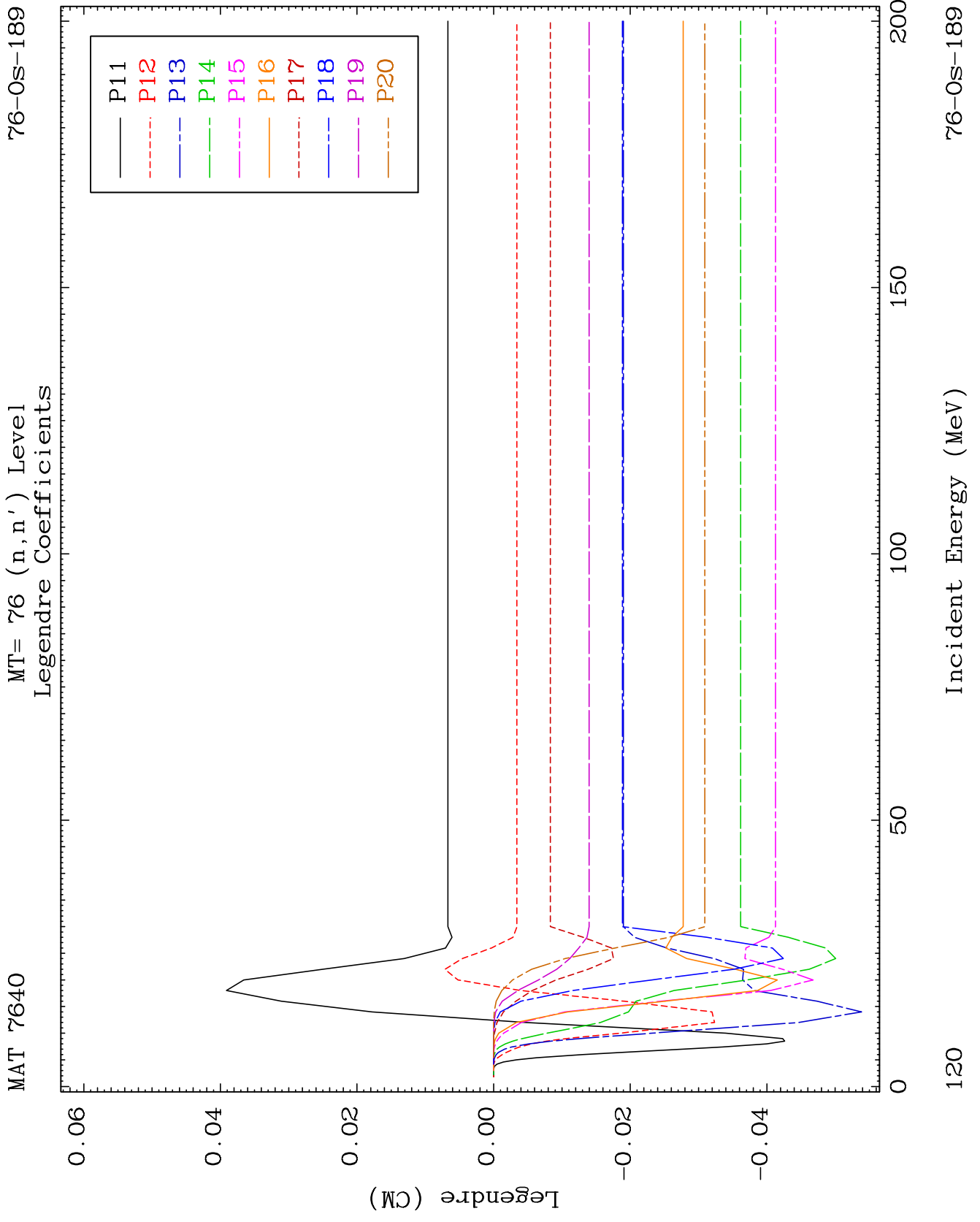
Incident Energy (MeV)

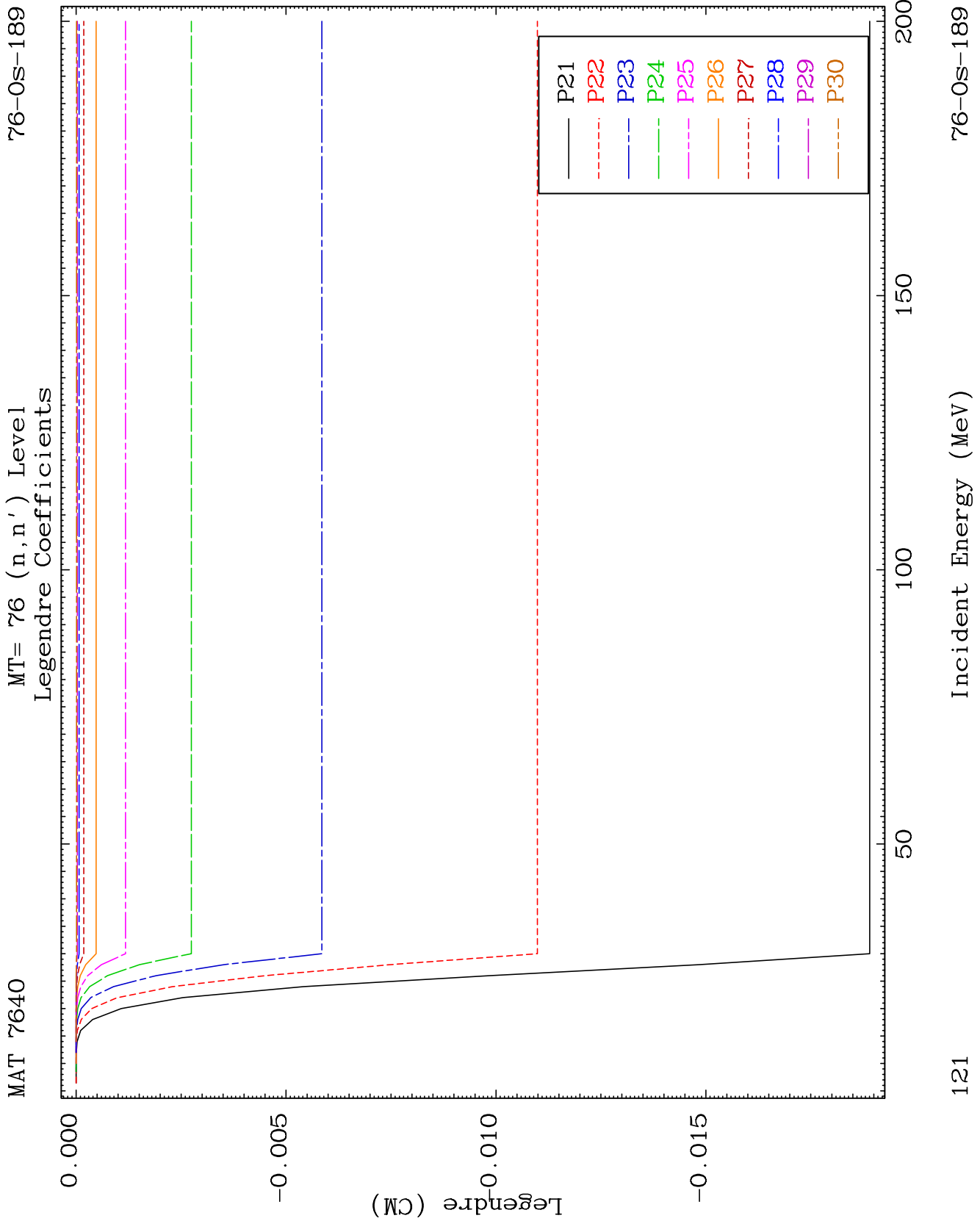
76-Os-189

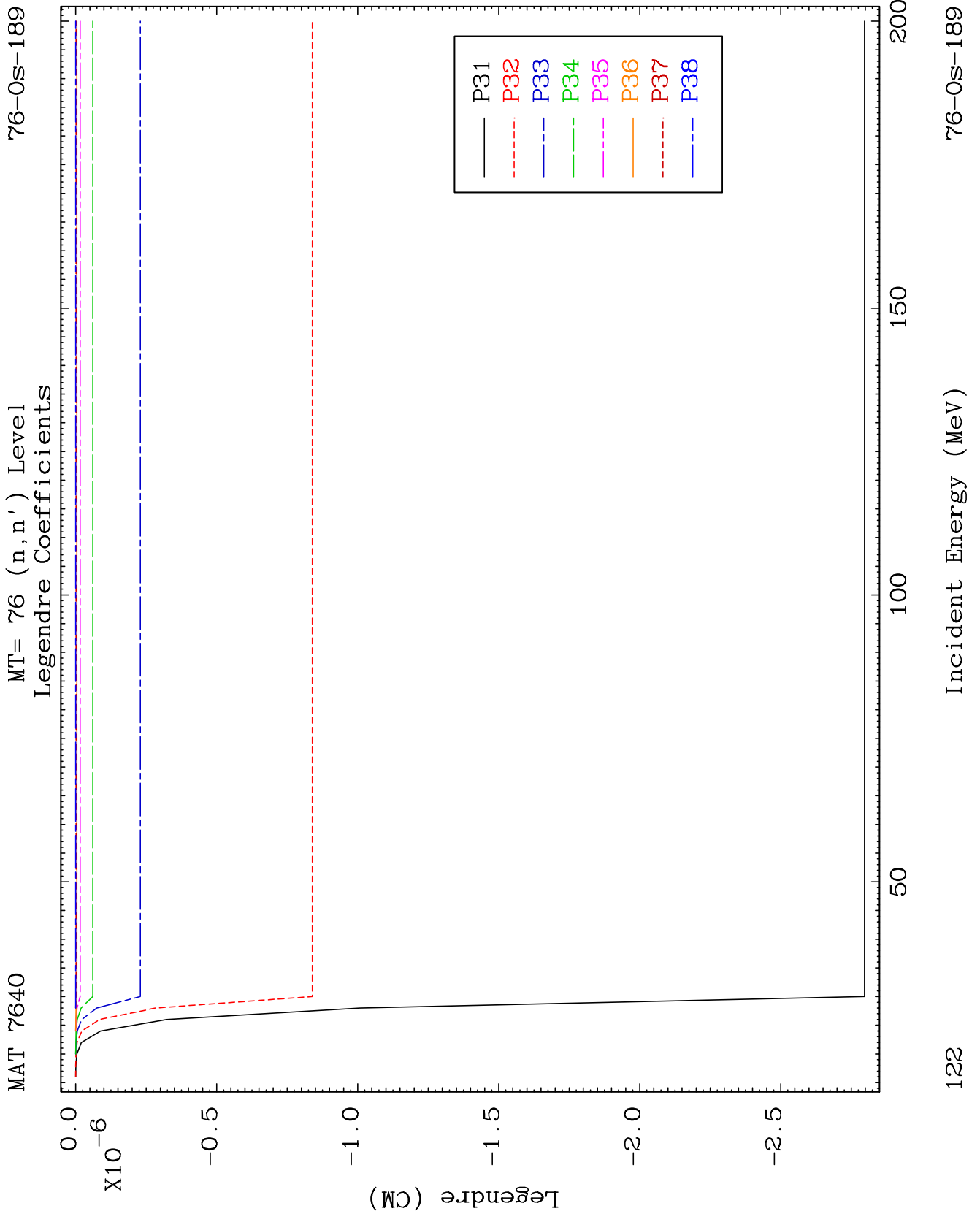








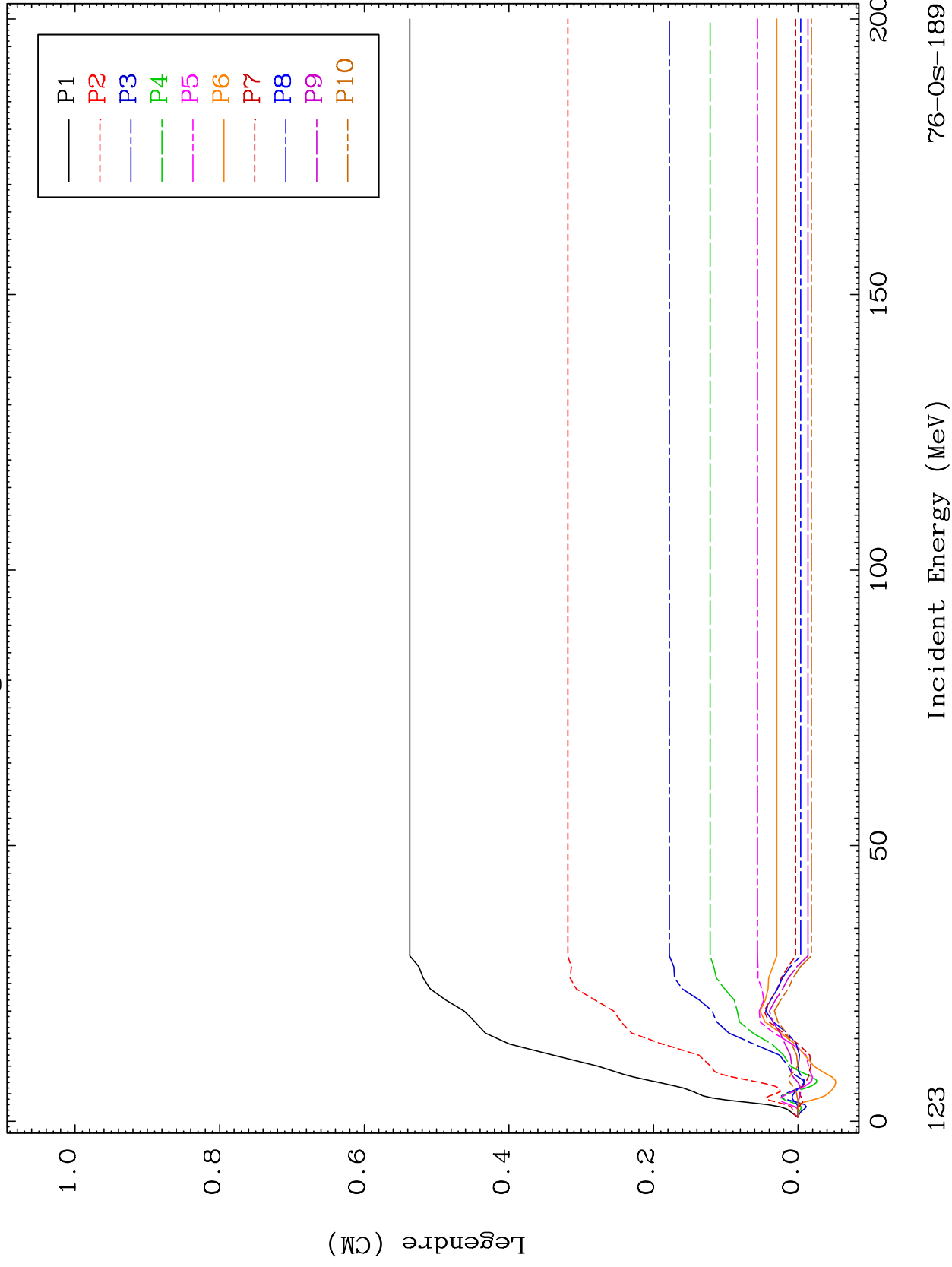




MAT 7640

MT= 77 (n,n') Level
Legendre Coefficients

76-Os-189

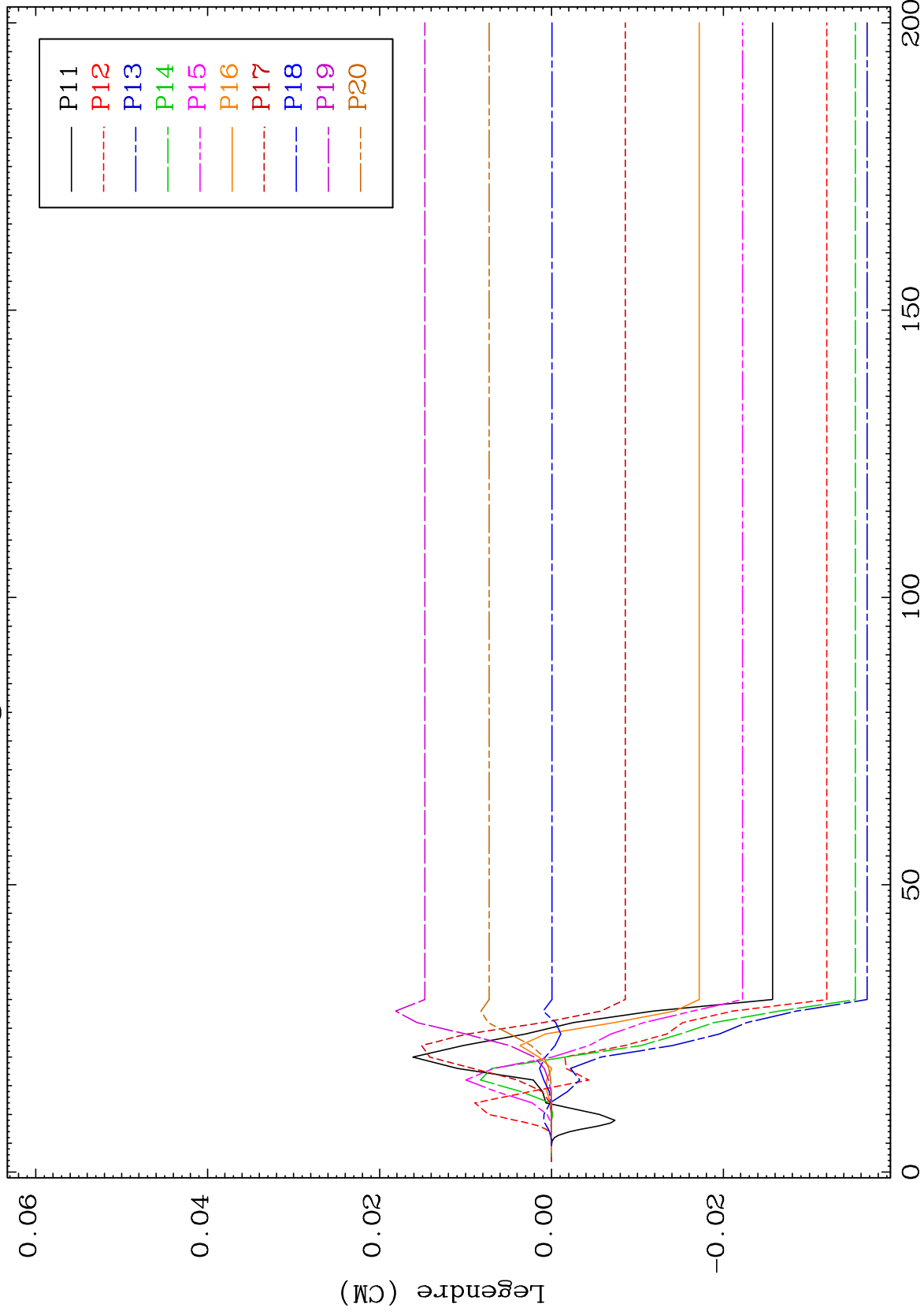


123

MAT 7640

MT= 77 (n,n') Level
Legendre Coefficients

76-Os-189



124

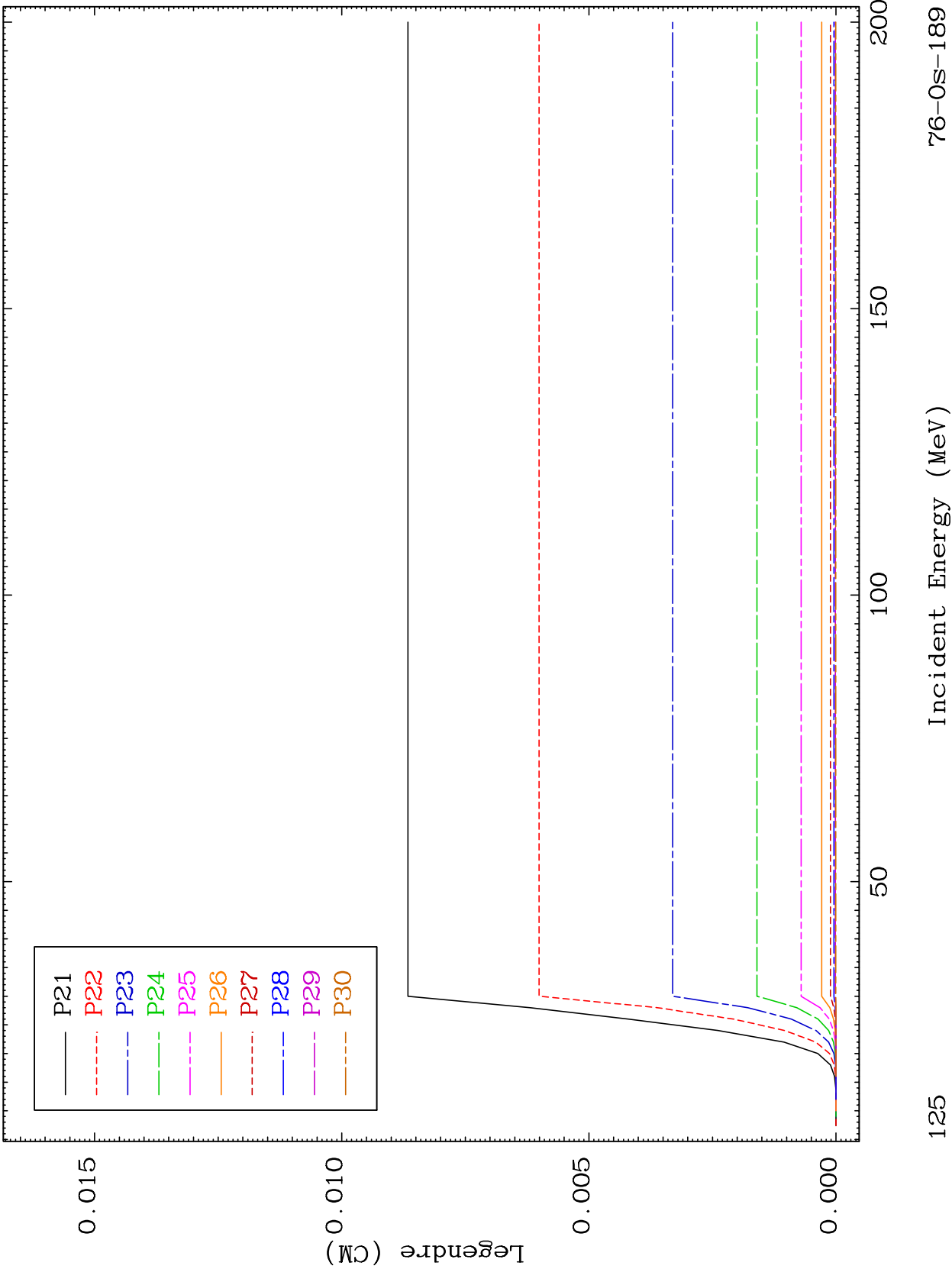
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 77 (n,n') Level
Legendre Coefficients

76-Os-189



125

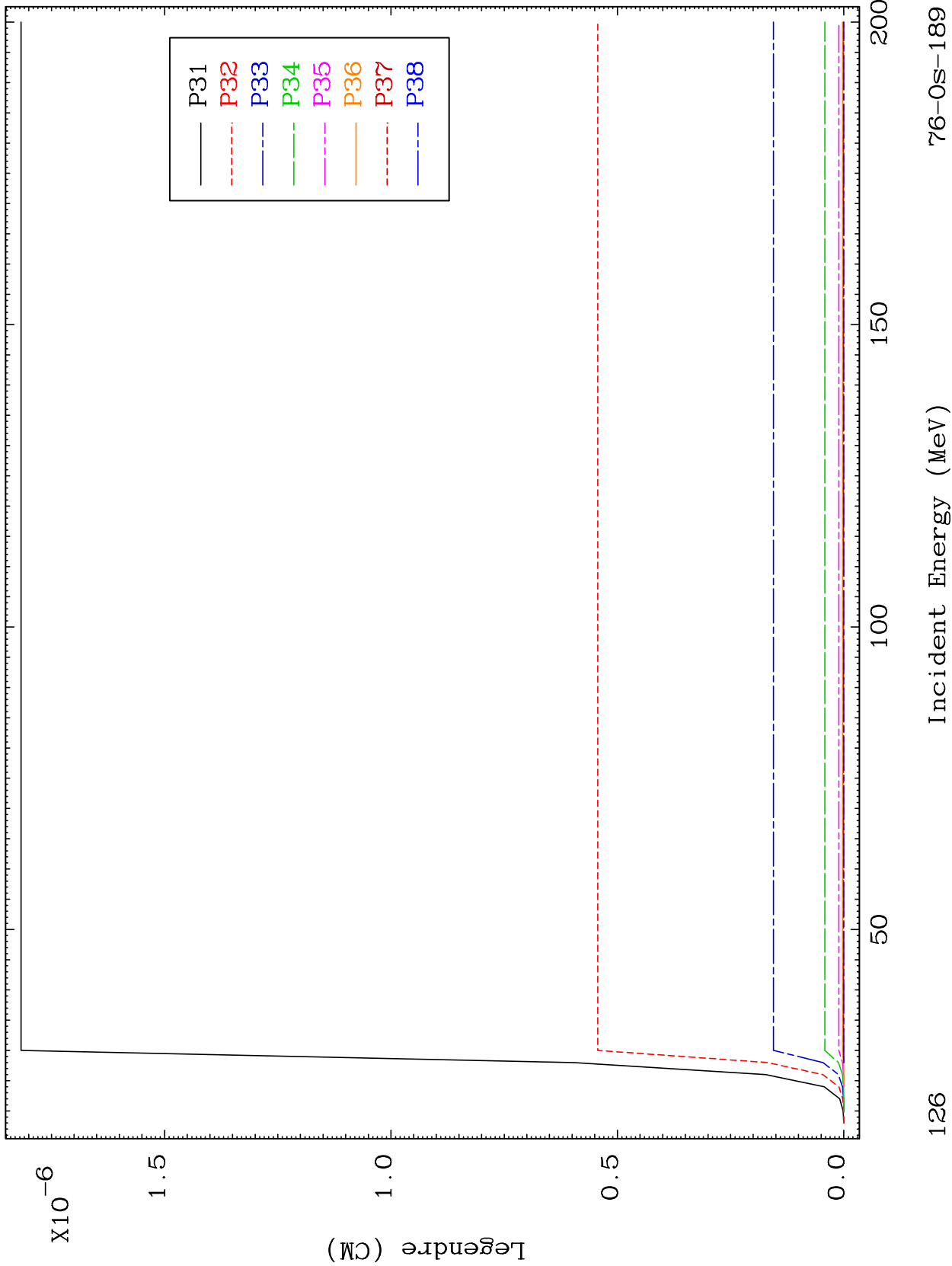
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 77 (n,n') Level
Legendre Coefficients

76-Os-189



126

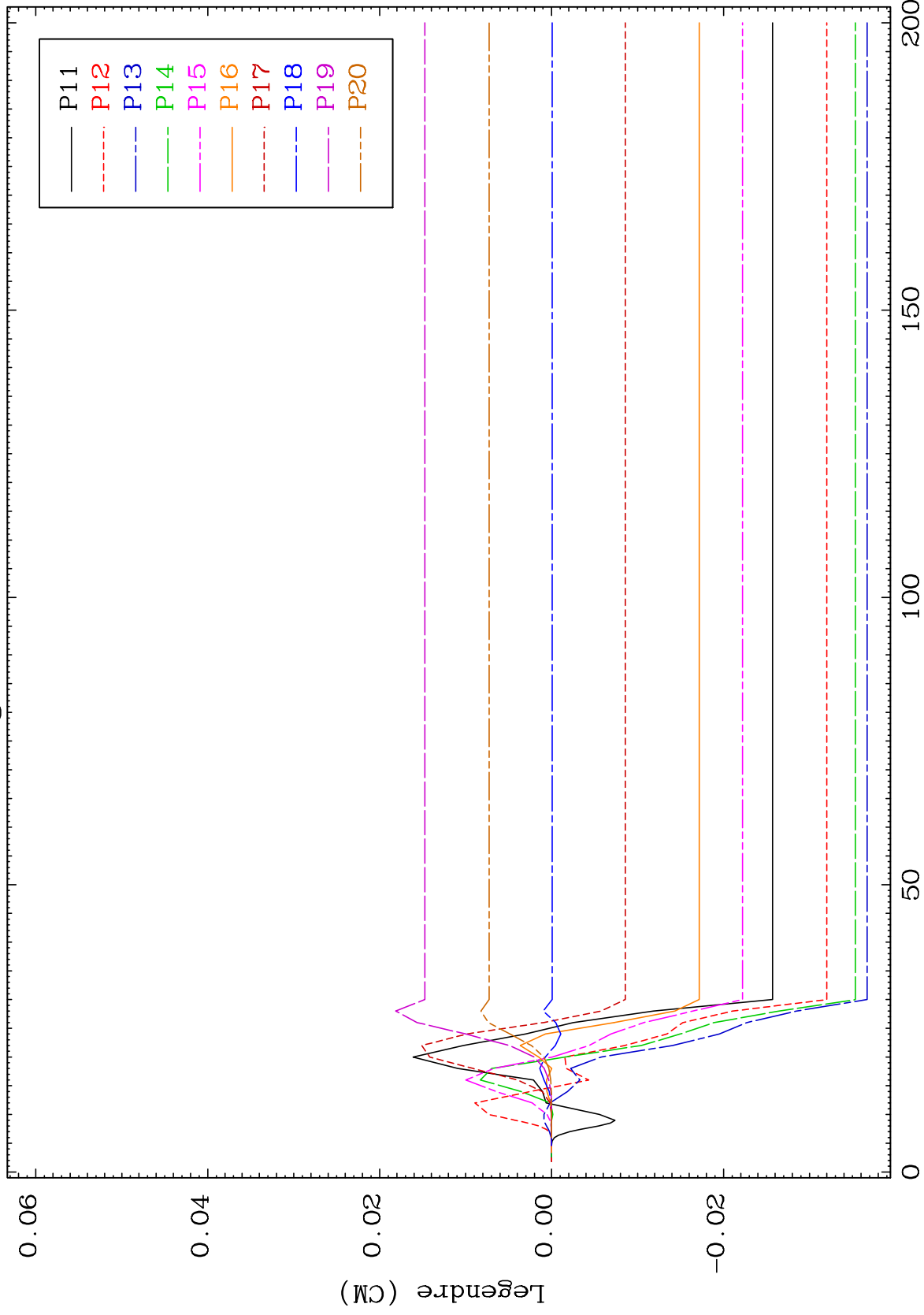
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 78 (n,n') Level
Legendre Coefficients

76-Os-189



128

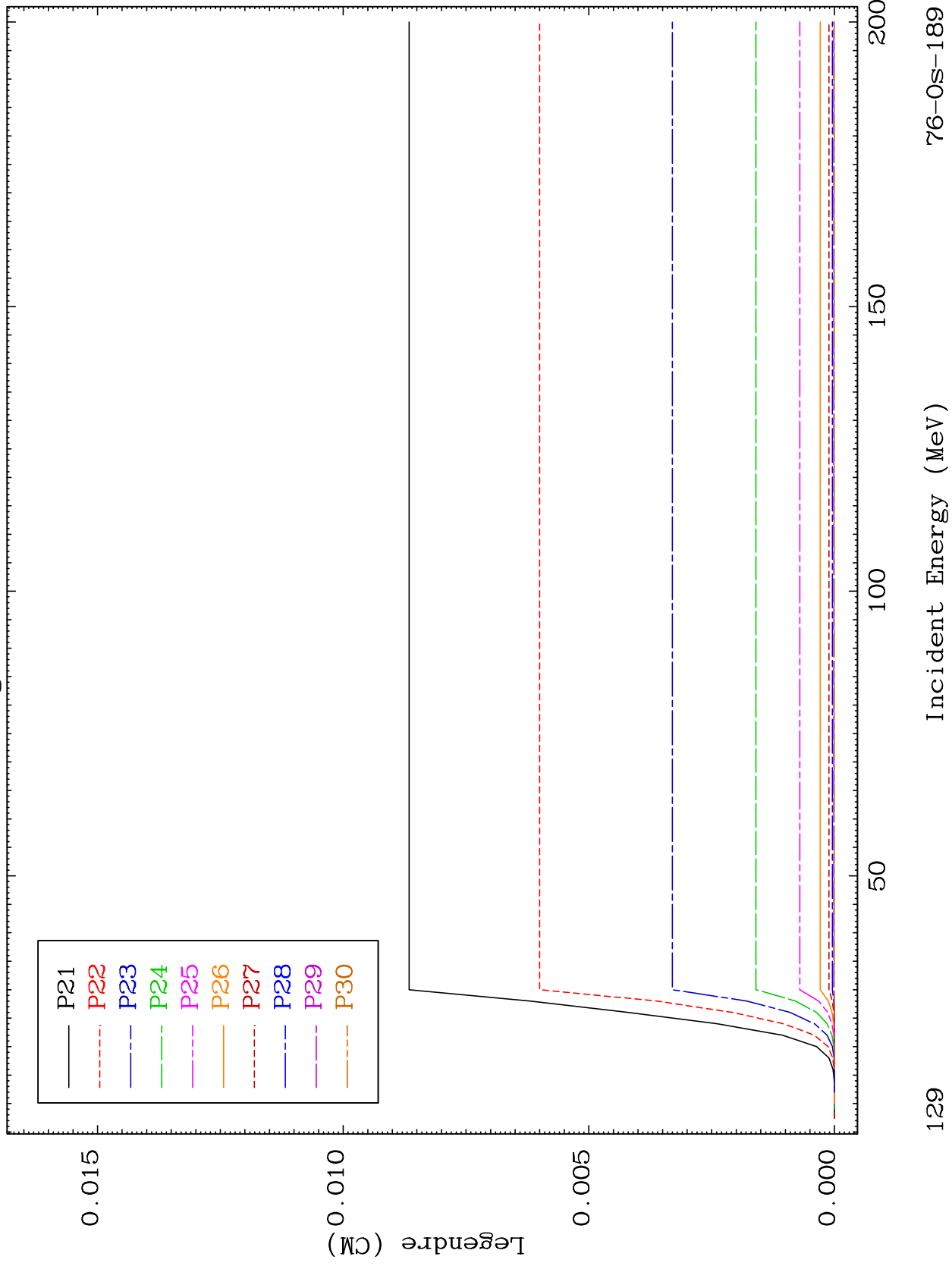
Incident Energy (MeV)

76-Os-189

MAT 7640

MT= 78 (n,n') Level
Legendre Coefficients

76-Os-189



129

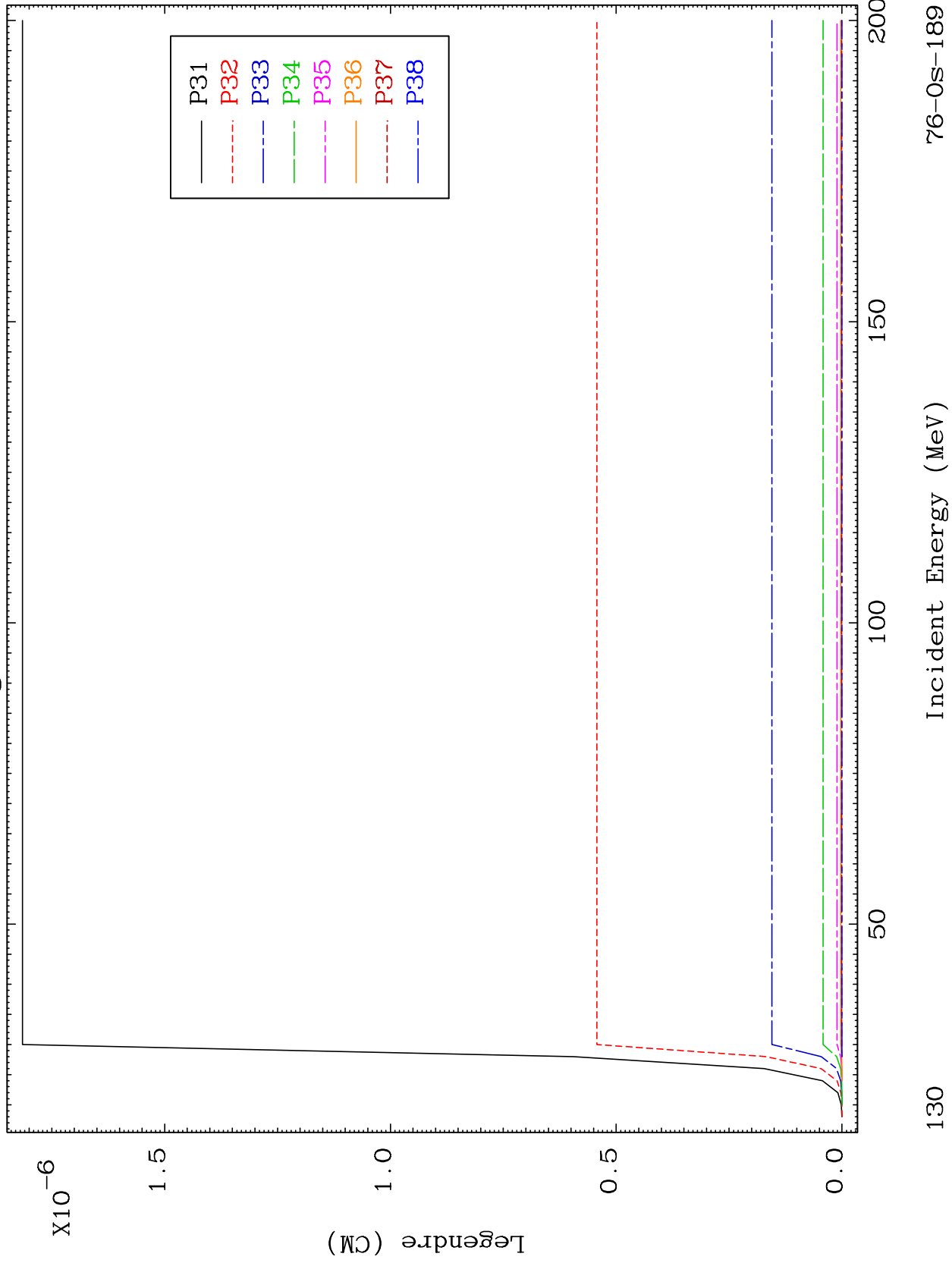
Incident Energy (MeV)

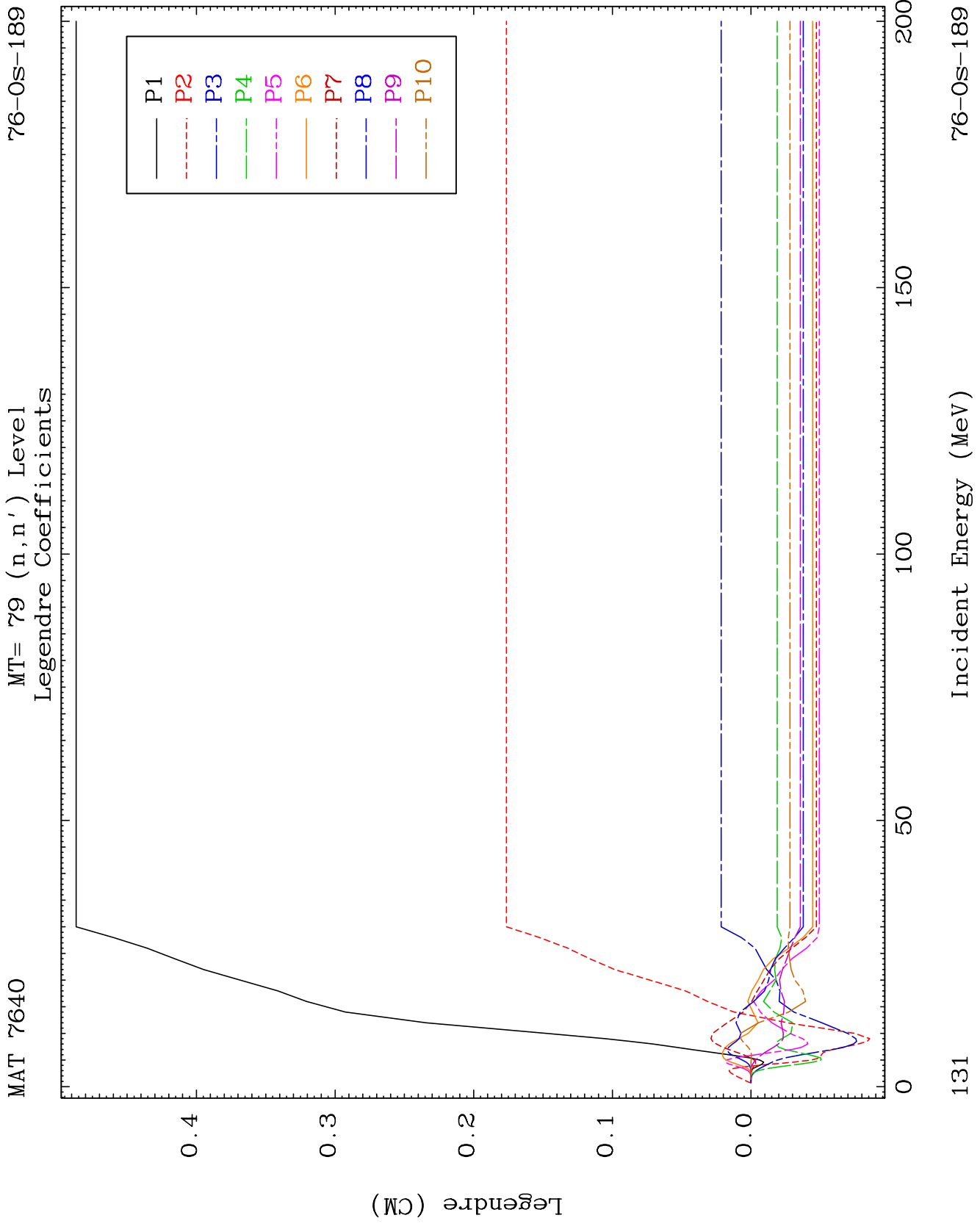
76-Os-189

MAT 7640

MT= 78 (n,n') Level
Legendre Coefficients

76-Os-189

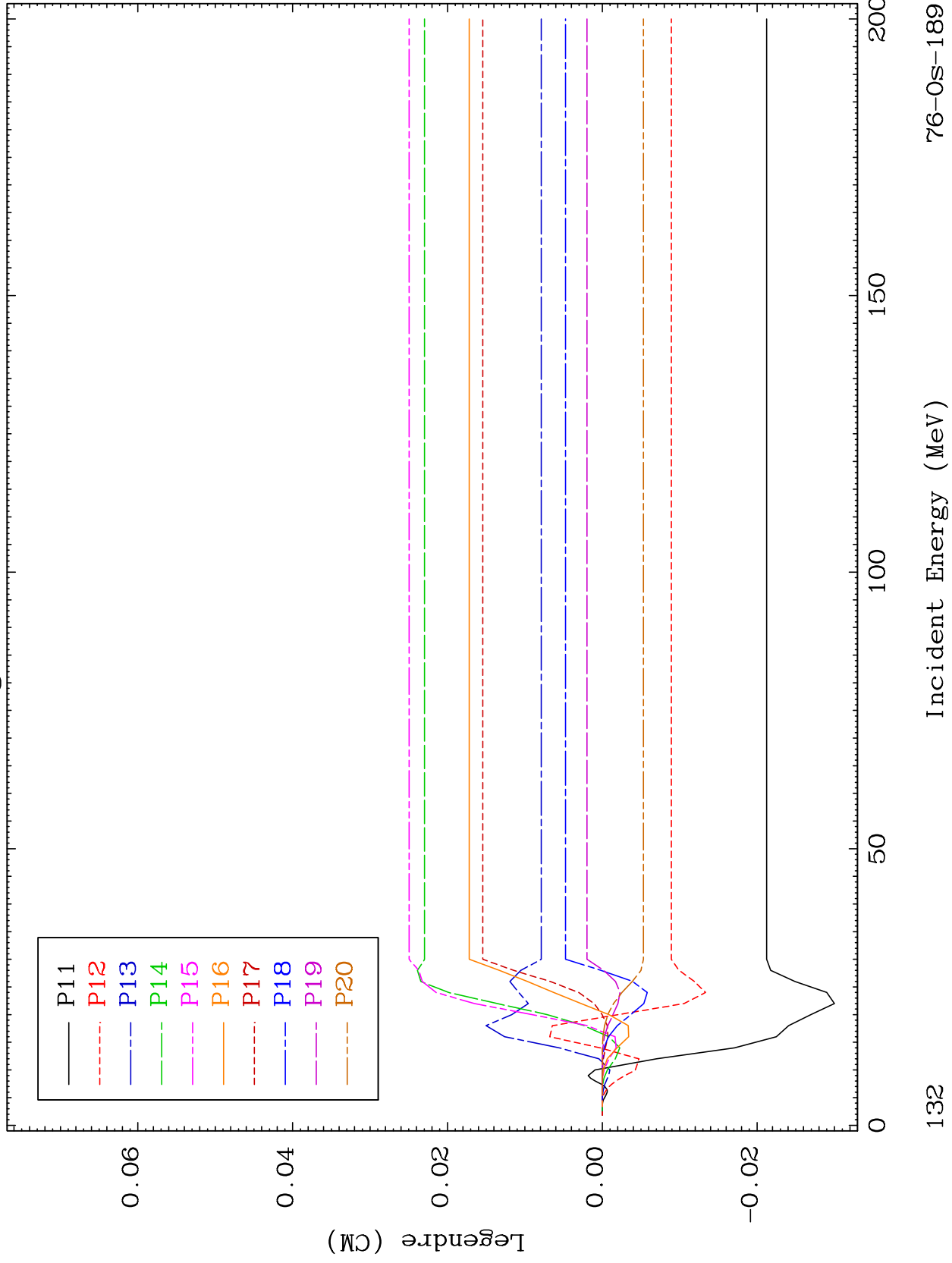




MAT 7640

MT= 79 (n,n') Level
Legendre Coefficients

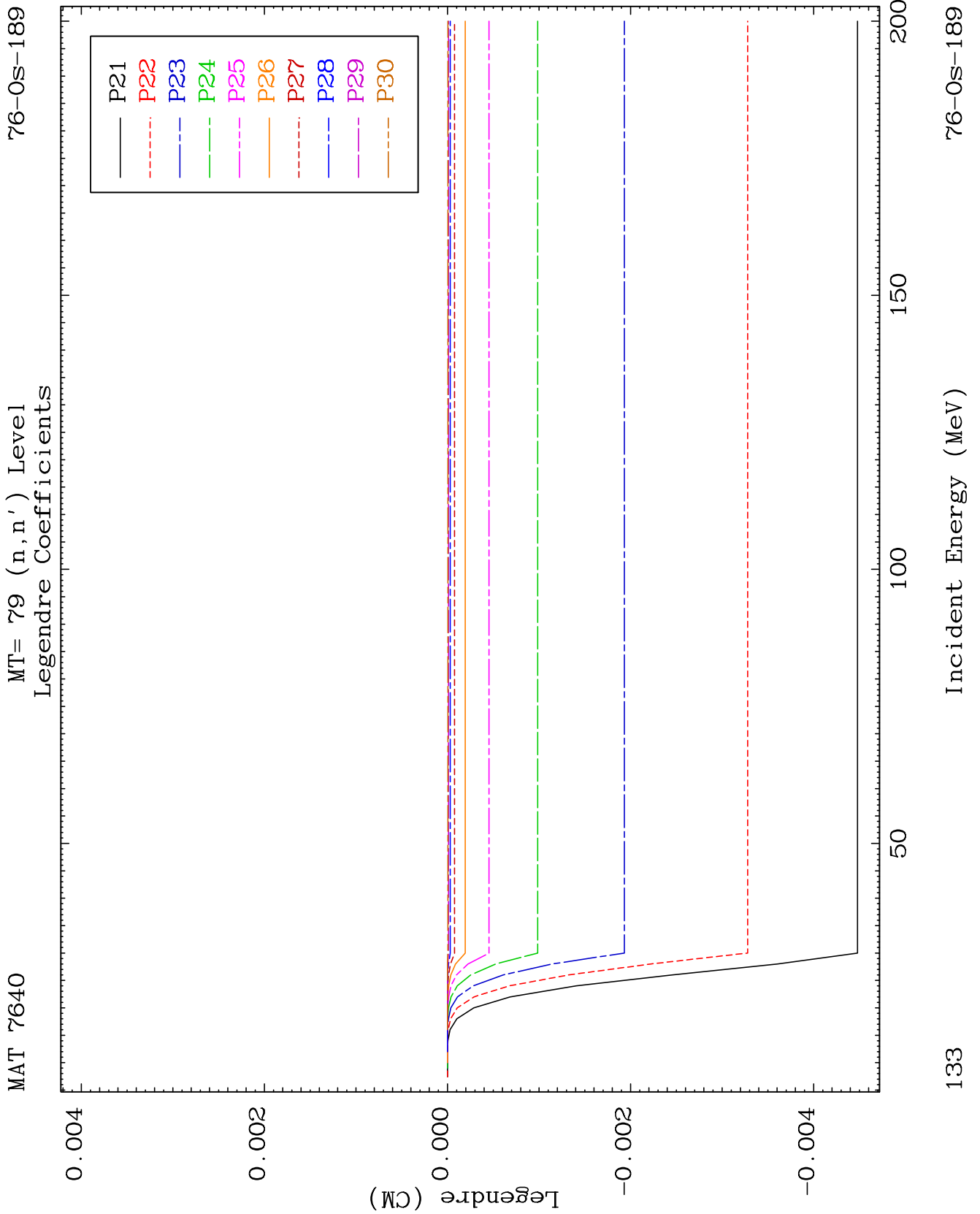
76-Os-189

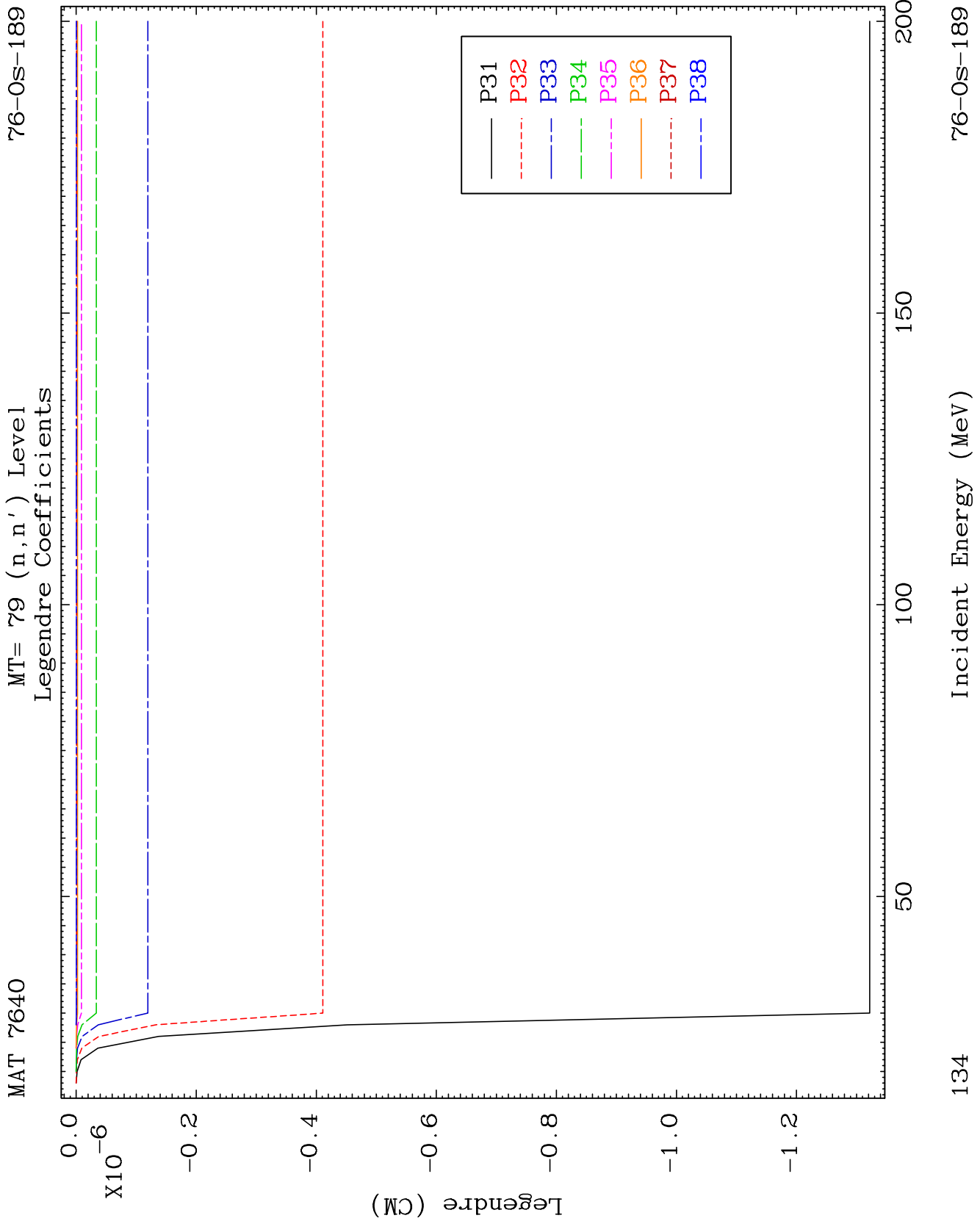


132

Incident Energy (MeV)

76-Os-189

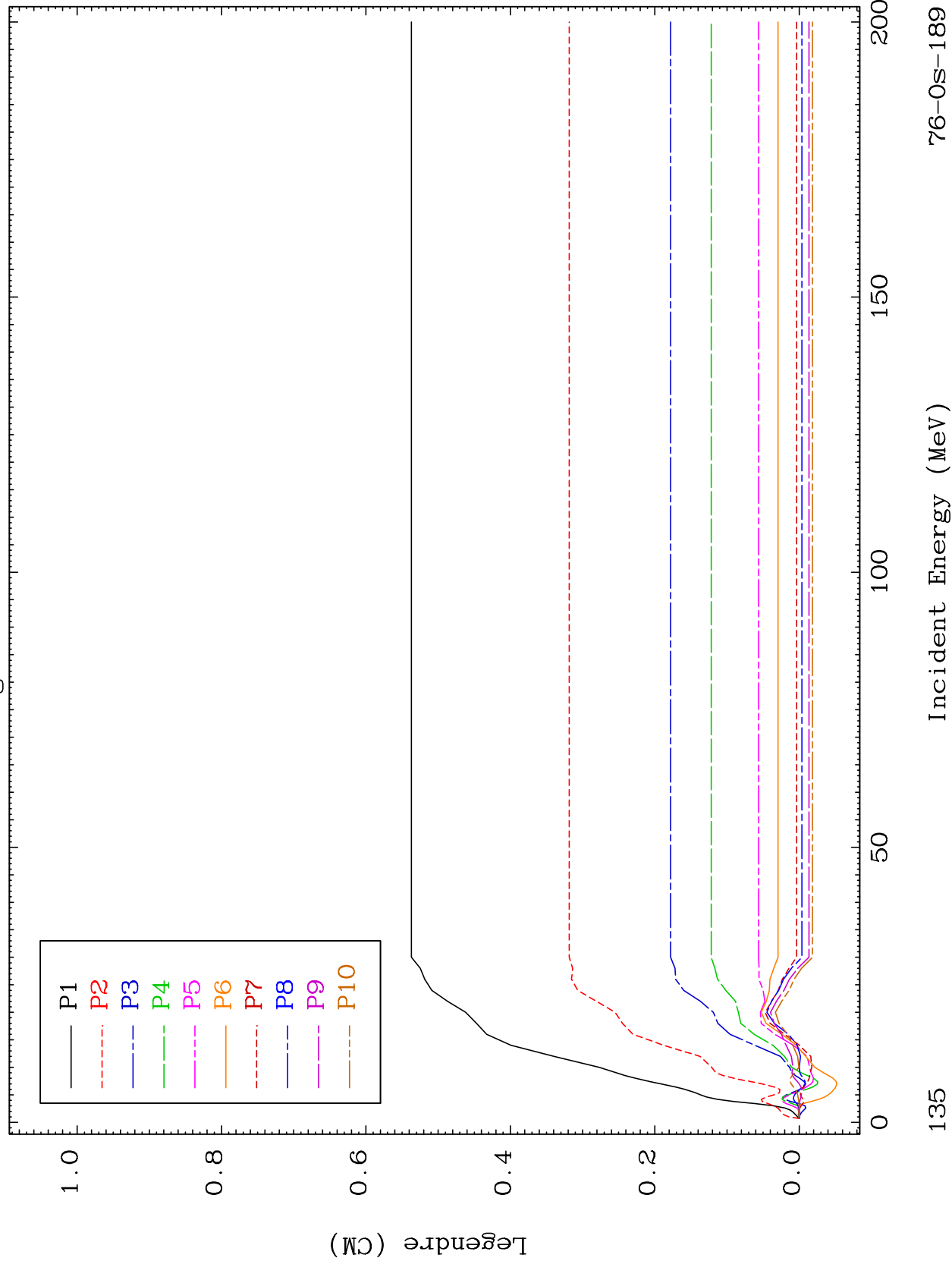




MAT 7640

MT= 80 (n,n') Level
Legendre Coefficients

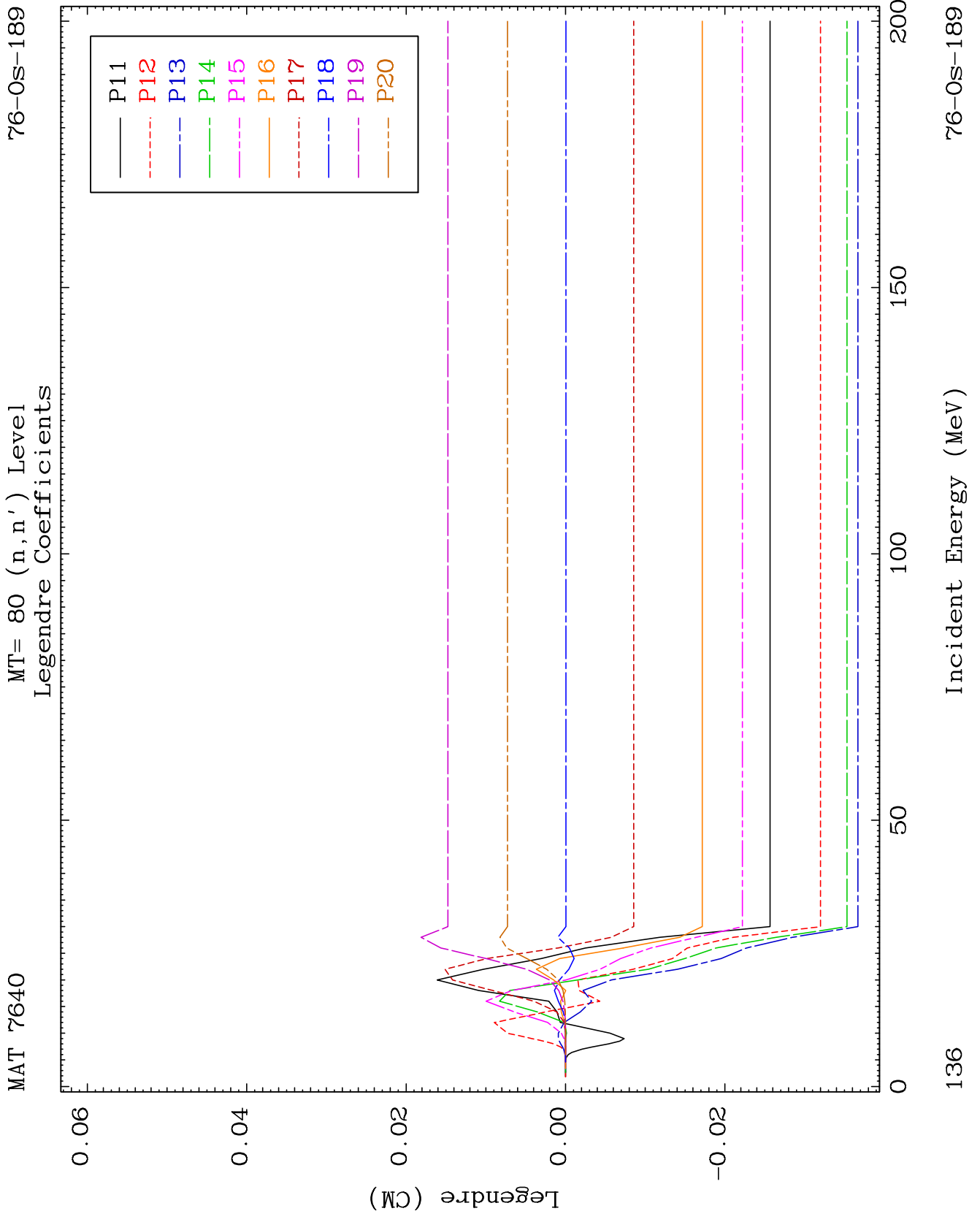
76-Os-189



135

Incident Energy (MeV)

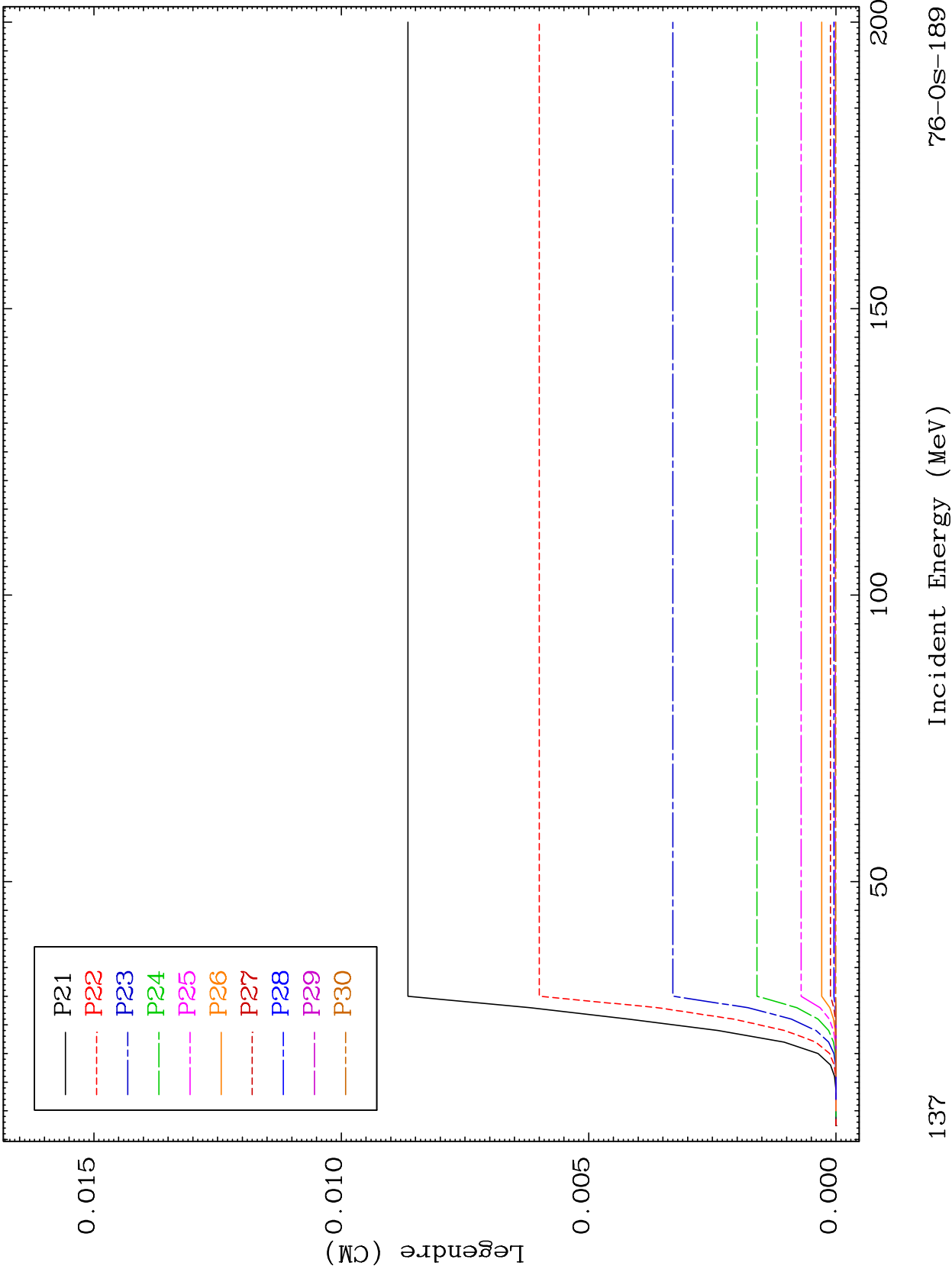
76-Os-189



MAT 7640

MT= 80 (n,n') Level
Legendre Coefficients

76-0s-189



137

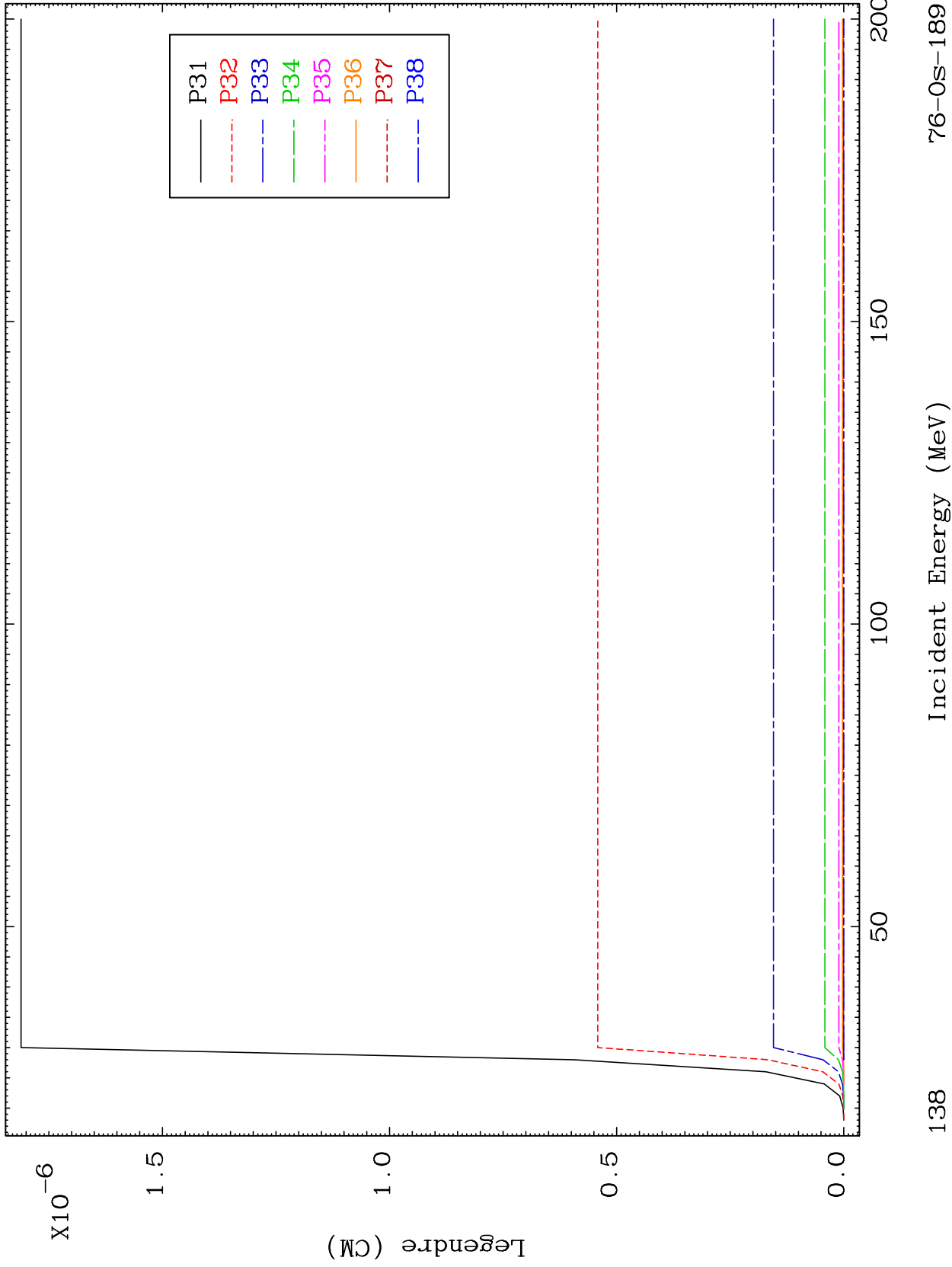
Incident Energy (MeV)

76-0s-189

MAT 7640

MT= 80 (n,n') Level
Legendre Coefficients

76-Os-189



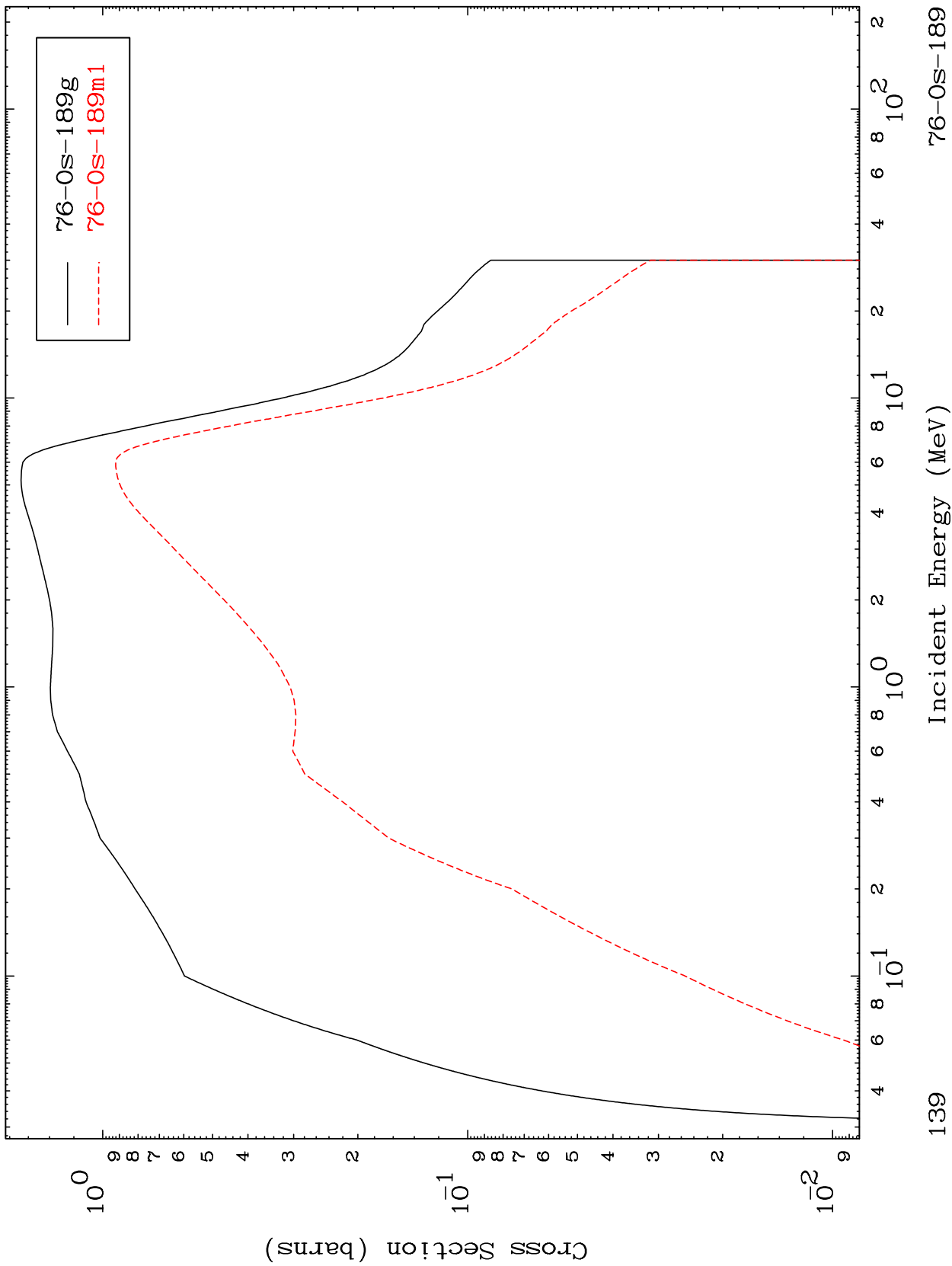
138

76-Os-189

MAT 7640

76-Os-189

Inelastic
Radionuclide Production Cross Section



139

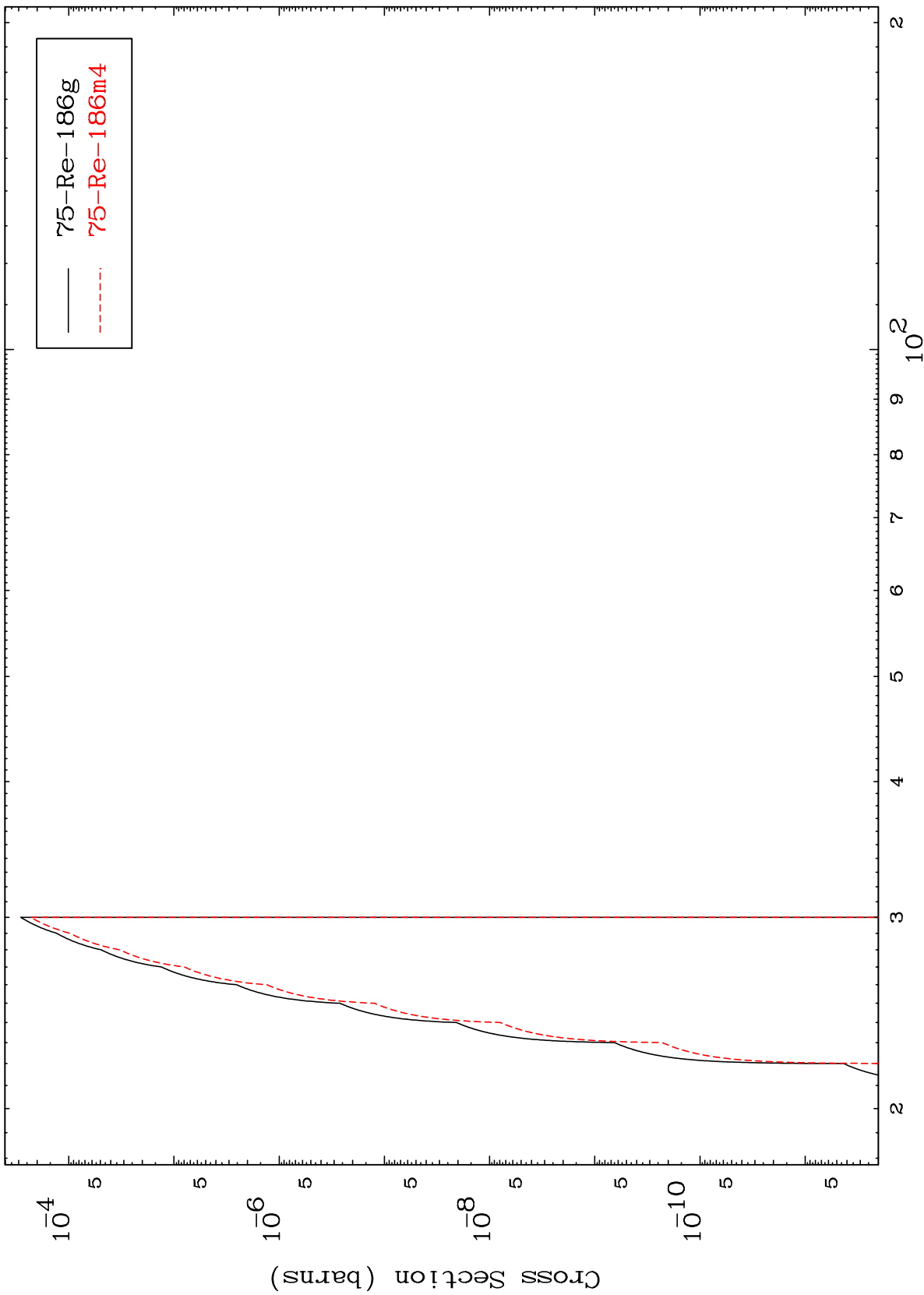
76-Os-189

MAT 7640

(n,2n) d

76-Os-189

Radionuclide Production Cross Section



140

Incident Energy (MeV)

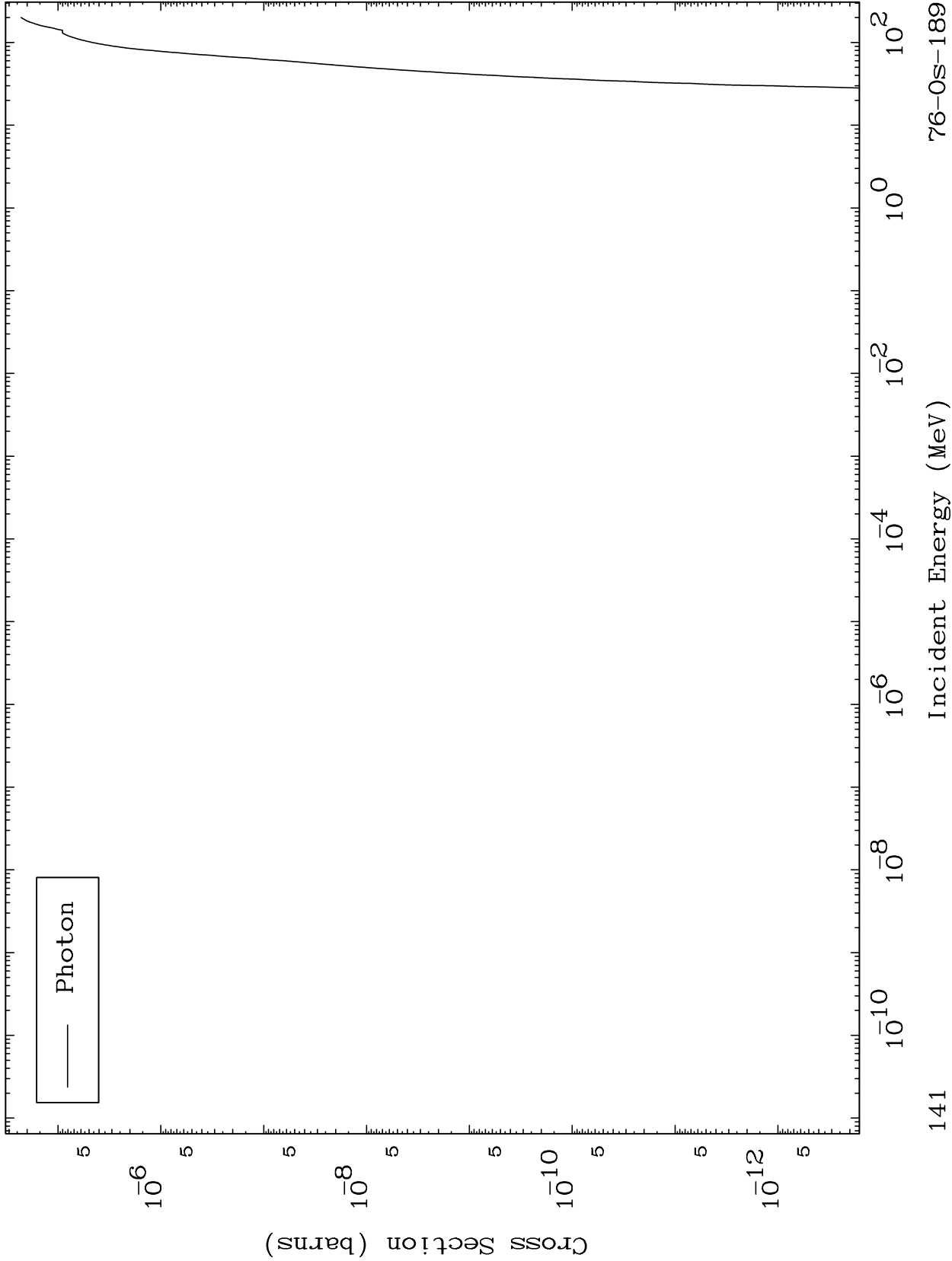
76-Os-189

MAT 7640

Fission

76-Os-189

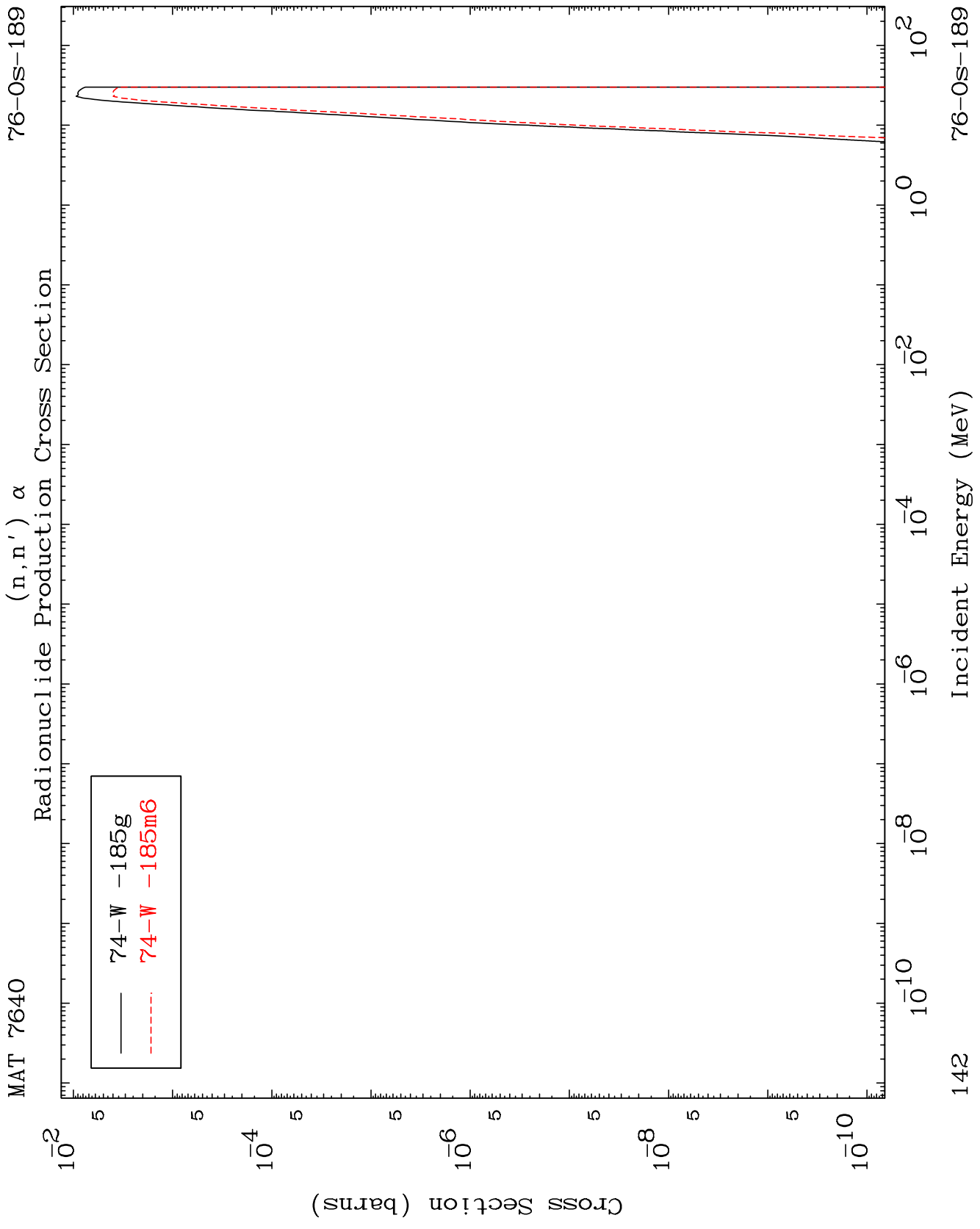
Radionuclide Production Cross Section



141

Incident Energy (MeV)

76-Os-189

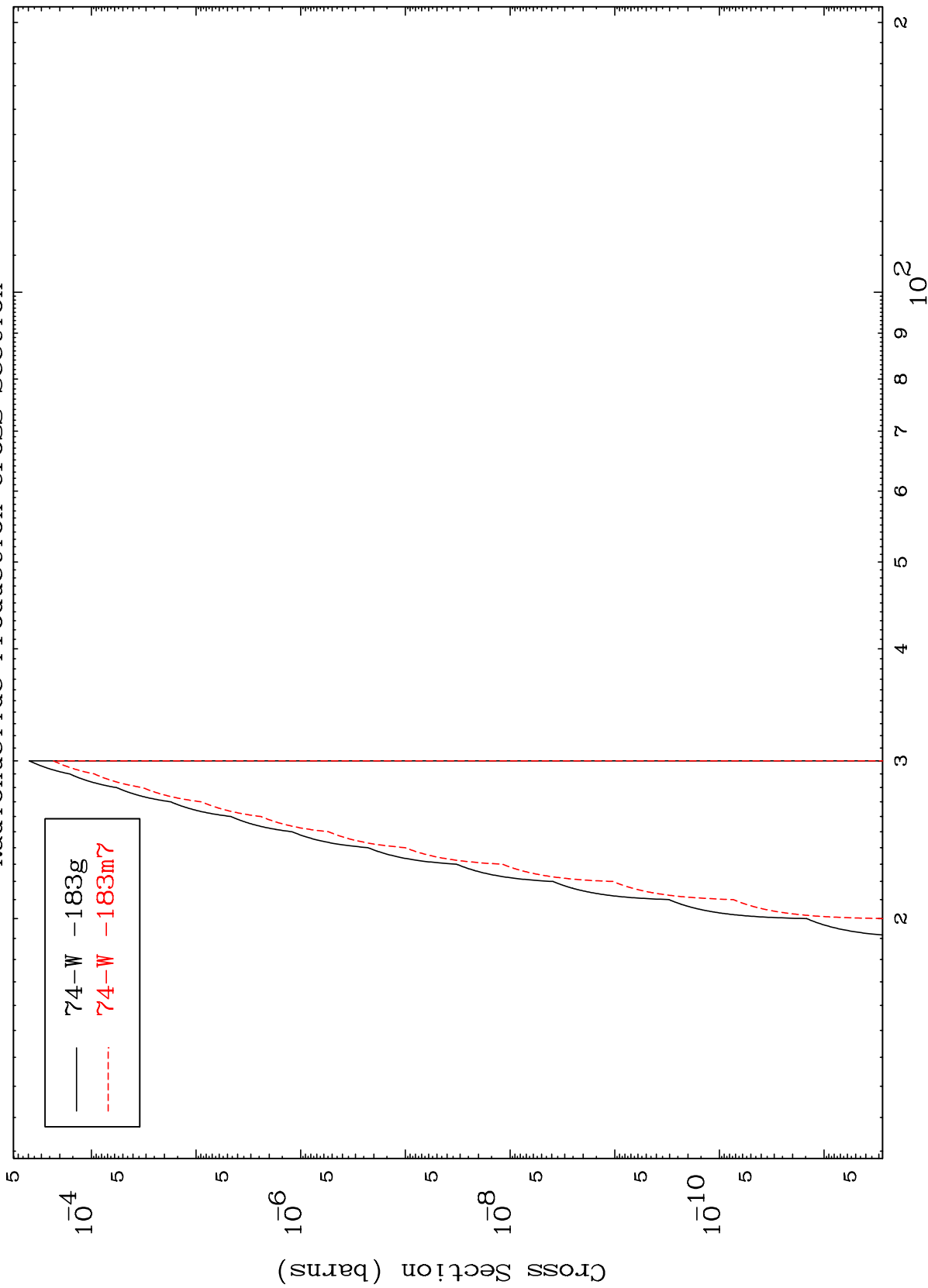


MAT 7640

(n,3n) α

76-Os-189

Radionuclide Production Cross Section



143

Incident Energy (MeV)

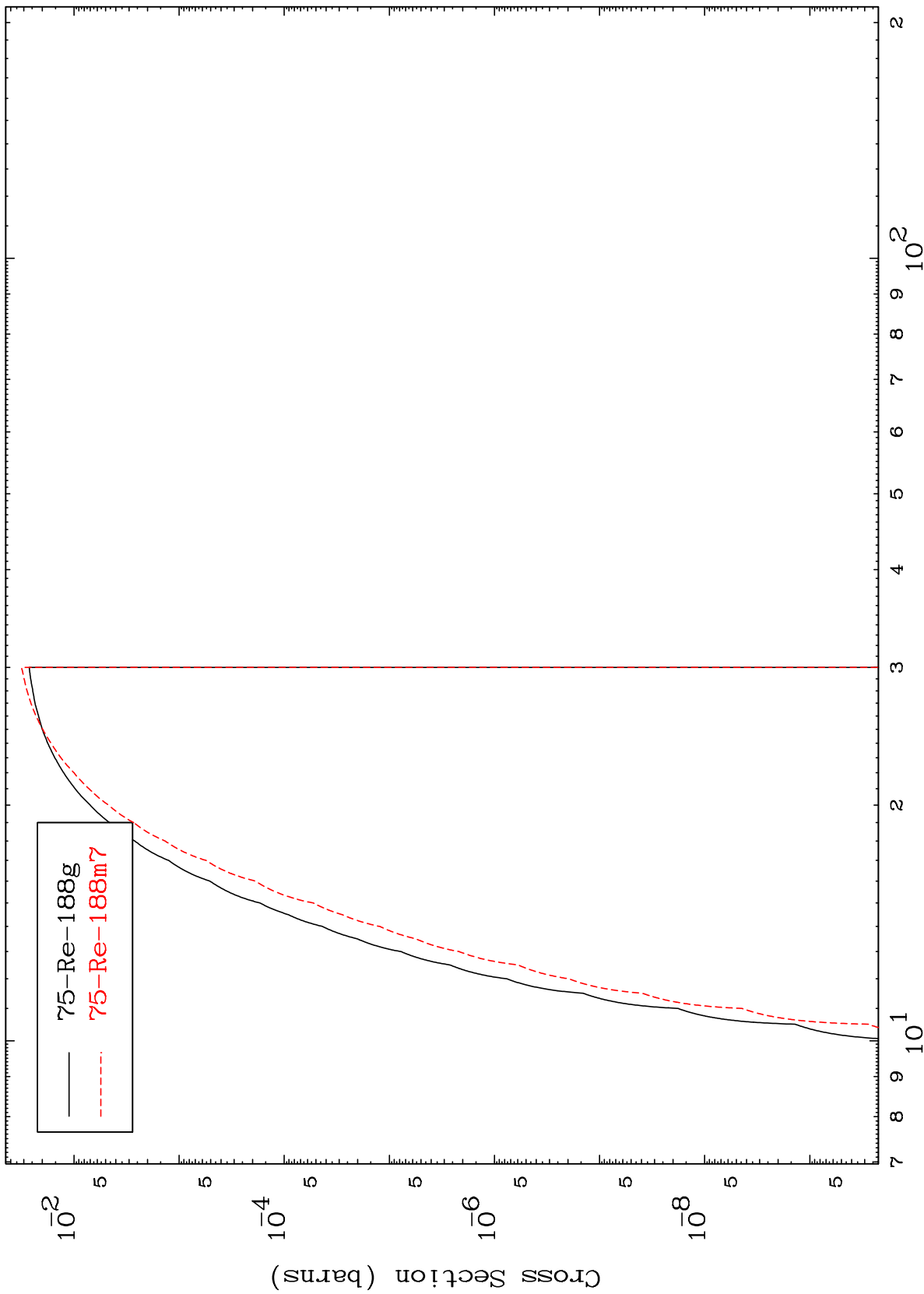
76-Os-189

MAT 7640

(n,n') p

76-Os-189

Radionuclide Production Cross Section



75-Re-188g
75-Re-188m7

144

Incident Energy (MeV)

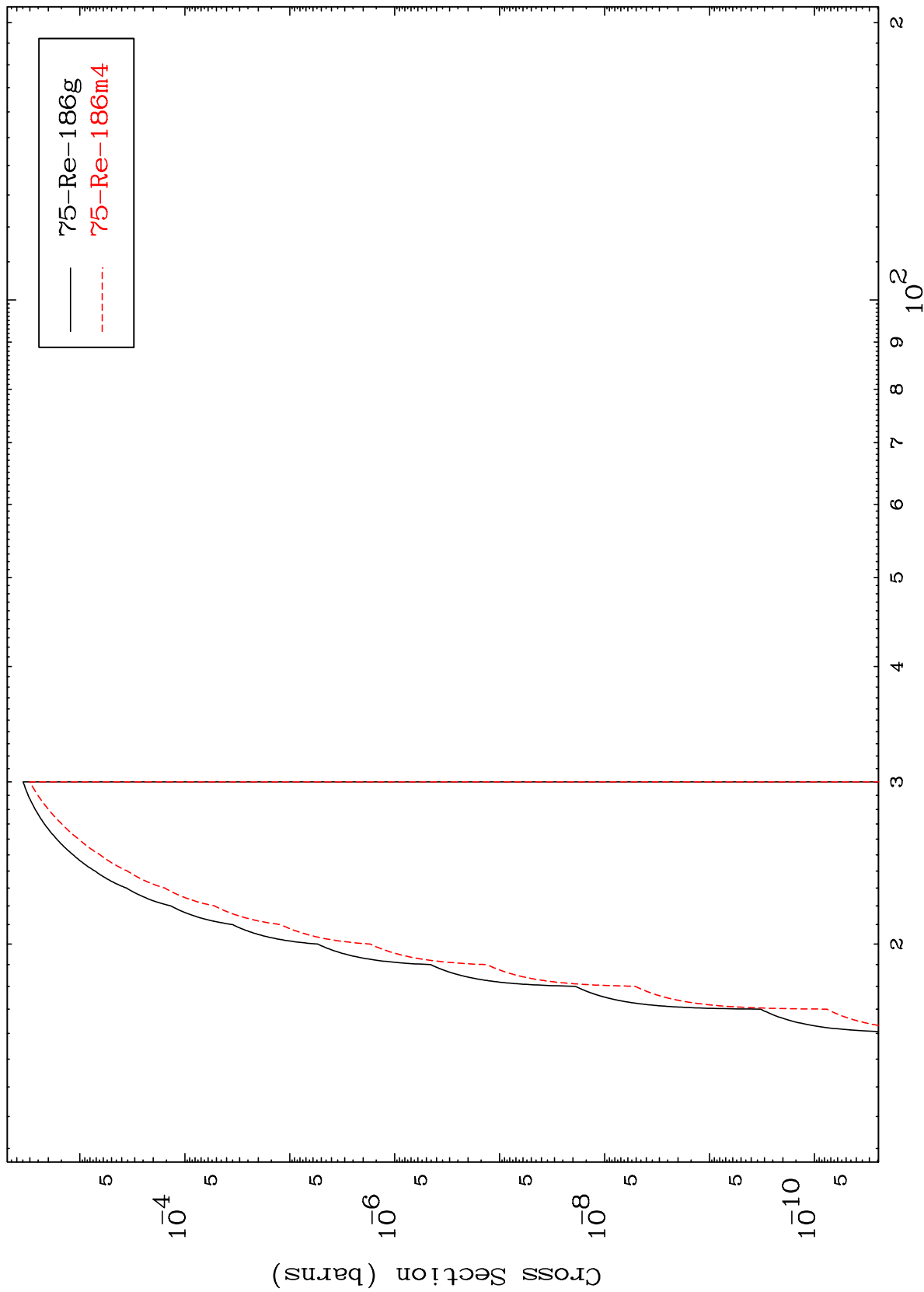
76-Os-189

MAT 7640

(n,n') t

76-Os-189

Radionuclide Production Cross Section



145

Incident Energy (MeV)

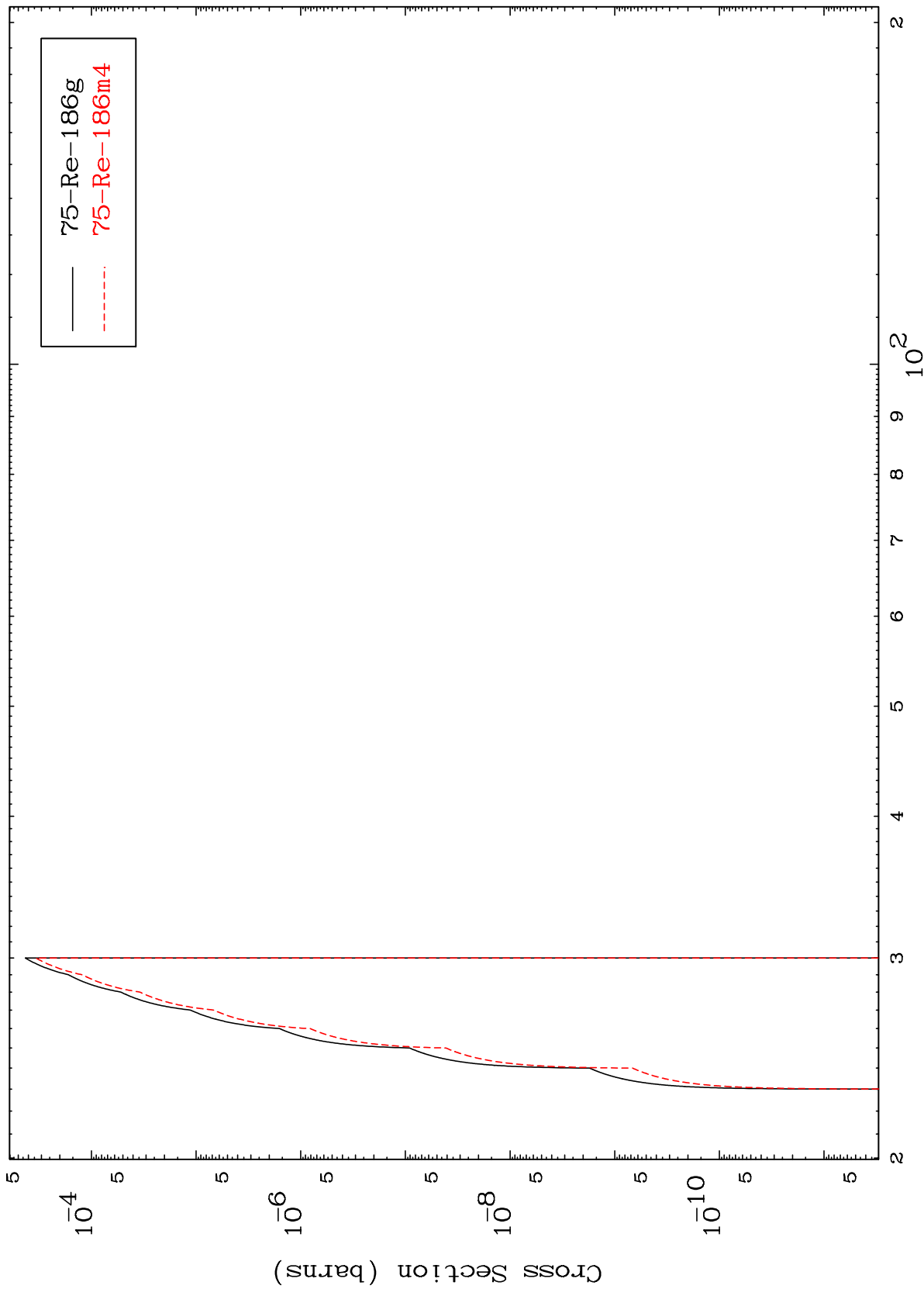
76-Os-189

MAT 7640

(n,3n) p

76-Os-189

Radionuclide Production Cross Section



146

Incident Energy (MeV)

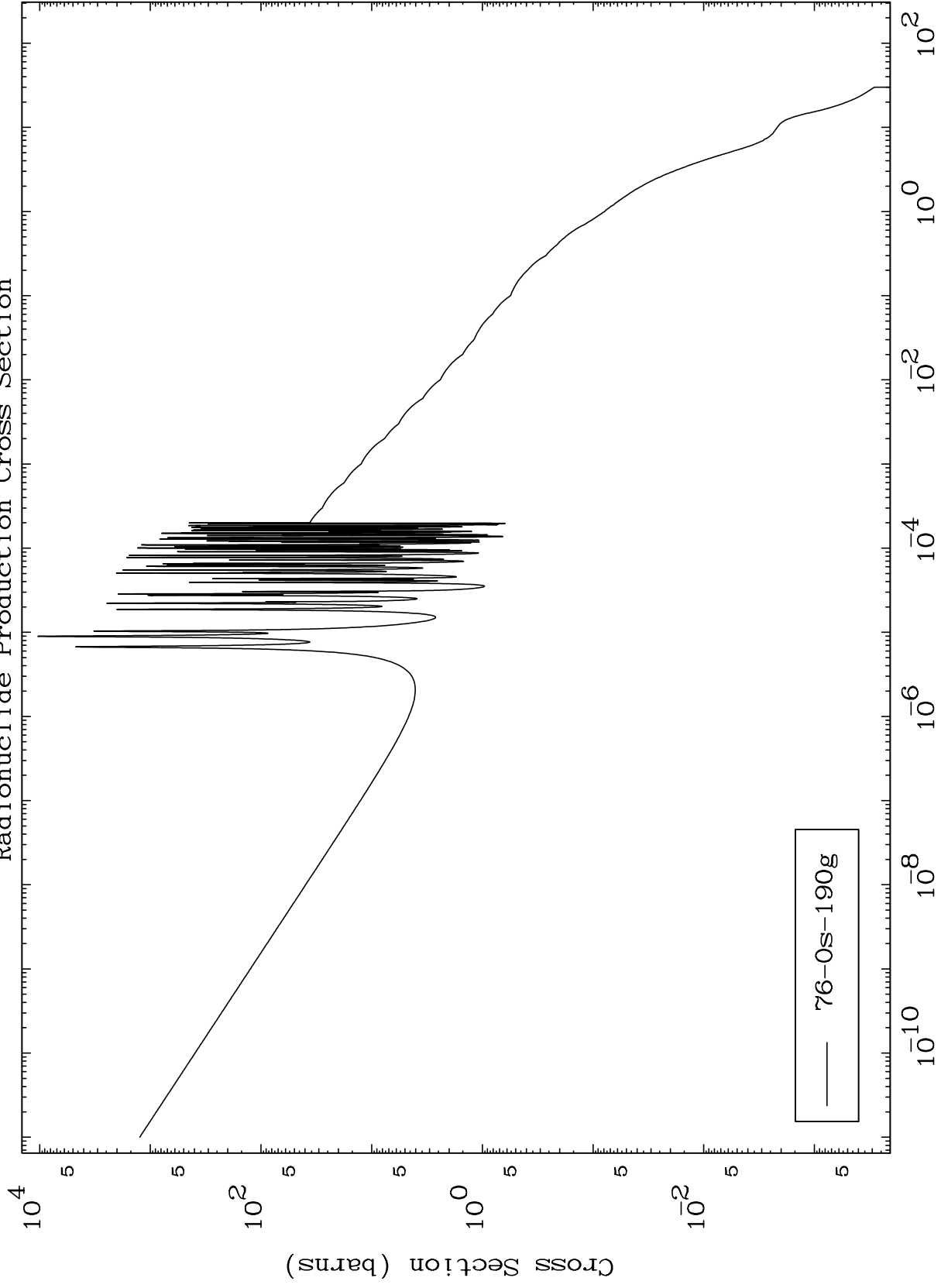
76-Os-189

MAT 7640

76-0s-189

Radionuclide Production Cross Section

(n, γ)



76-0s-189

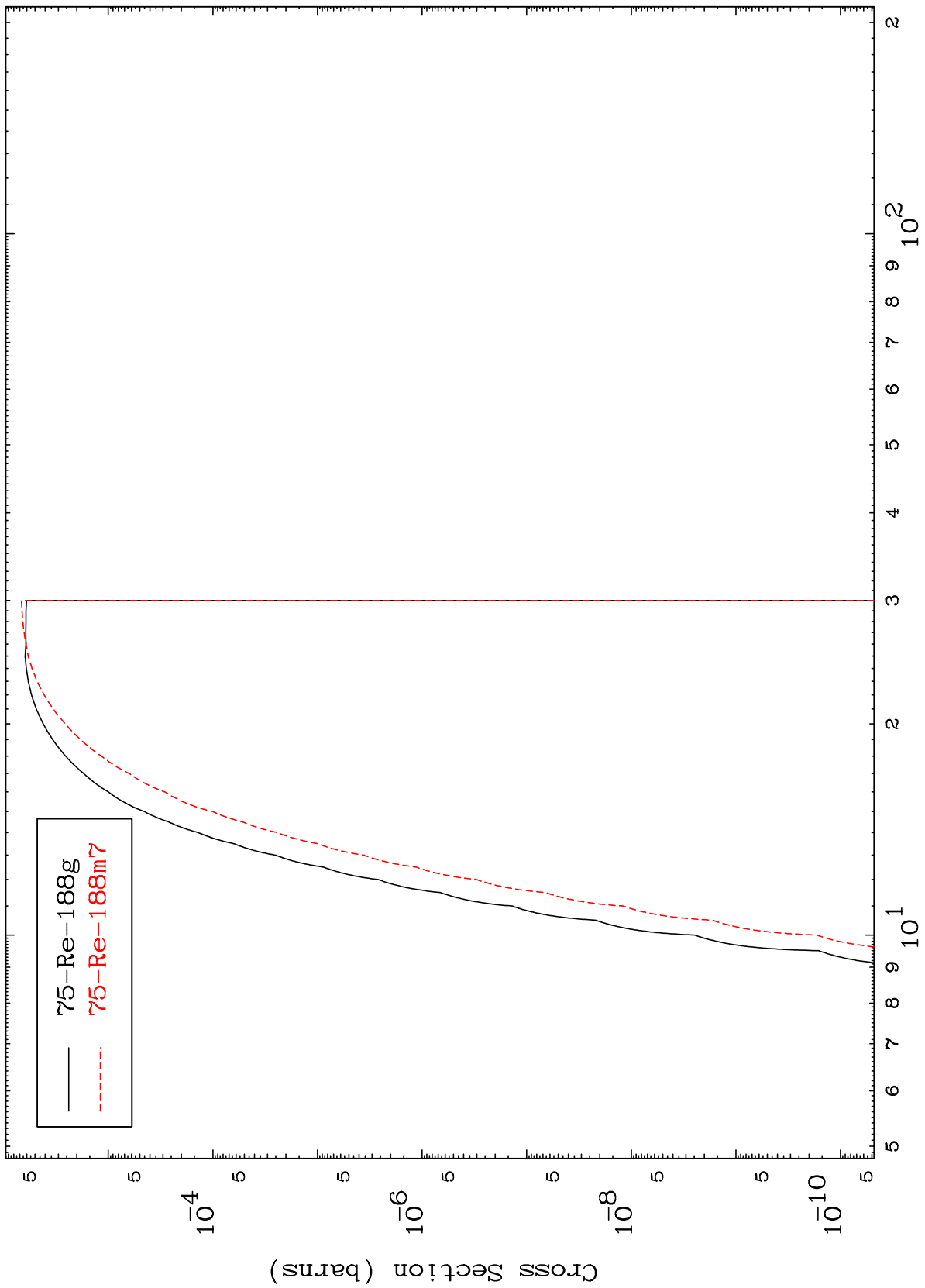
Incident Energy (MeV)

147

MAT 7640

76-Os-189

(n,d)
Radionuclide Production Cross Section



148

76-Os-189

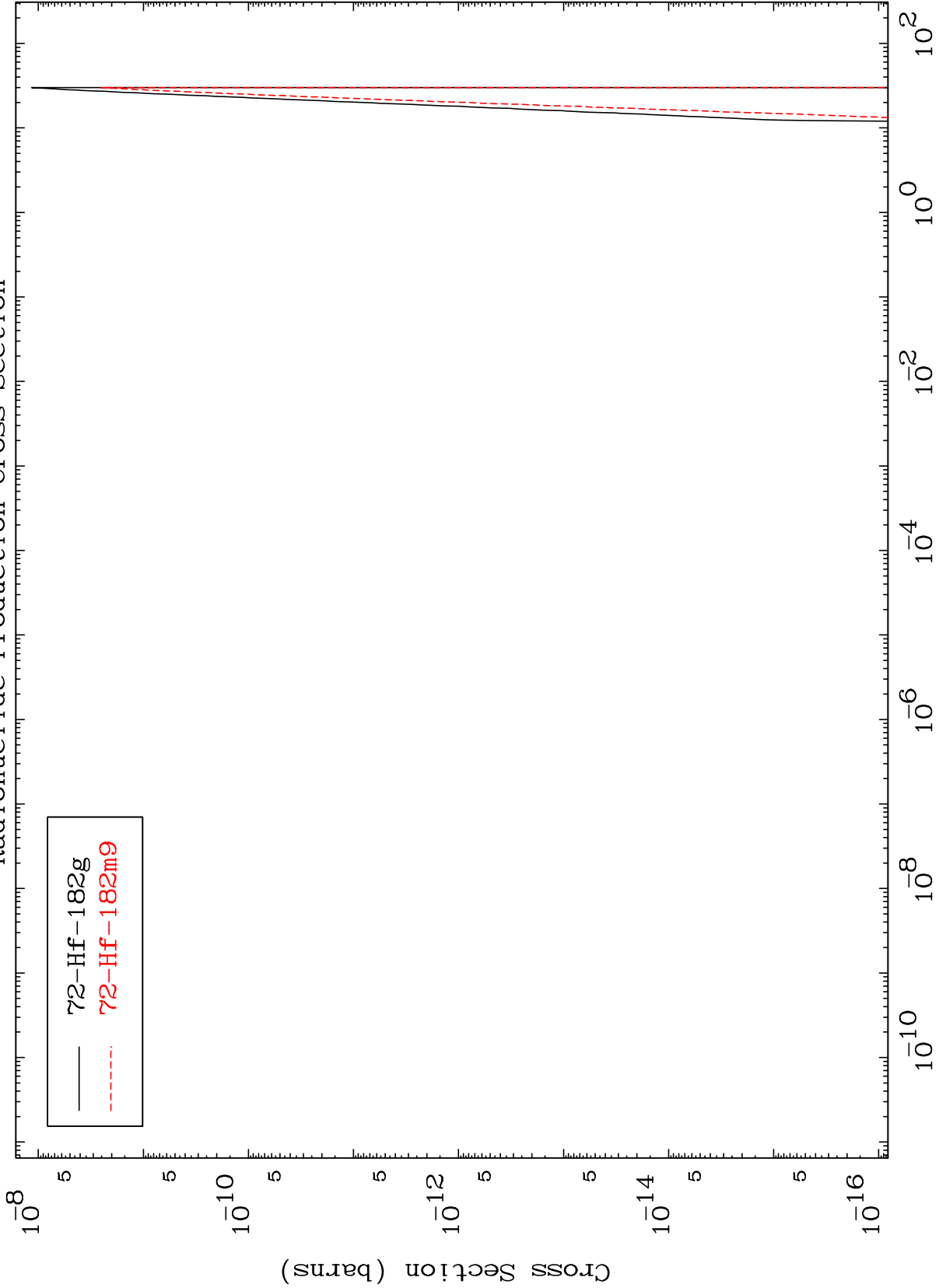
Incident Energy (MeV)

MAT 7640

(n,2 α)

76-Os-189

Radionuclide Production Cross Section



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