

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

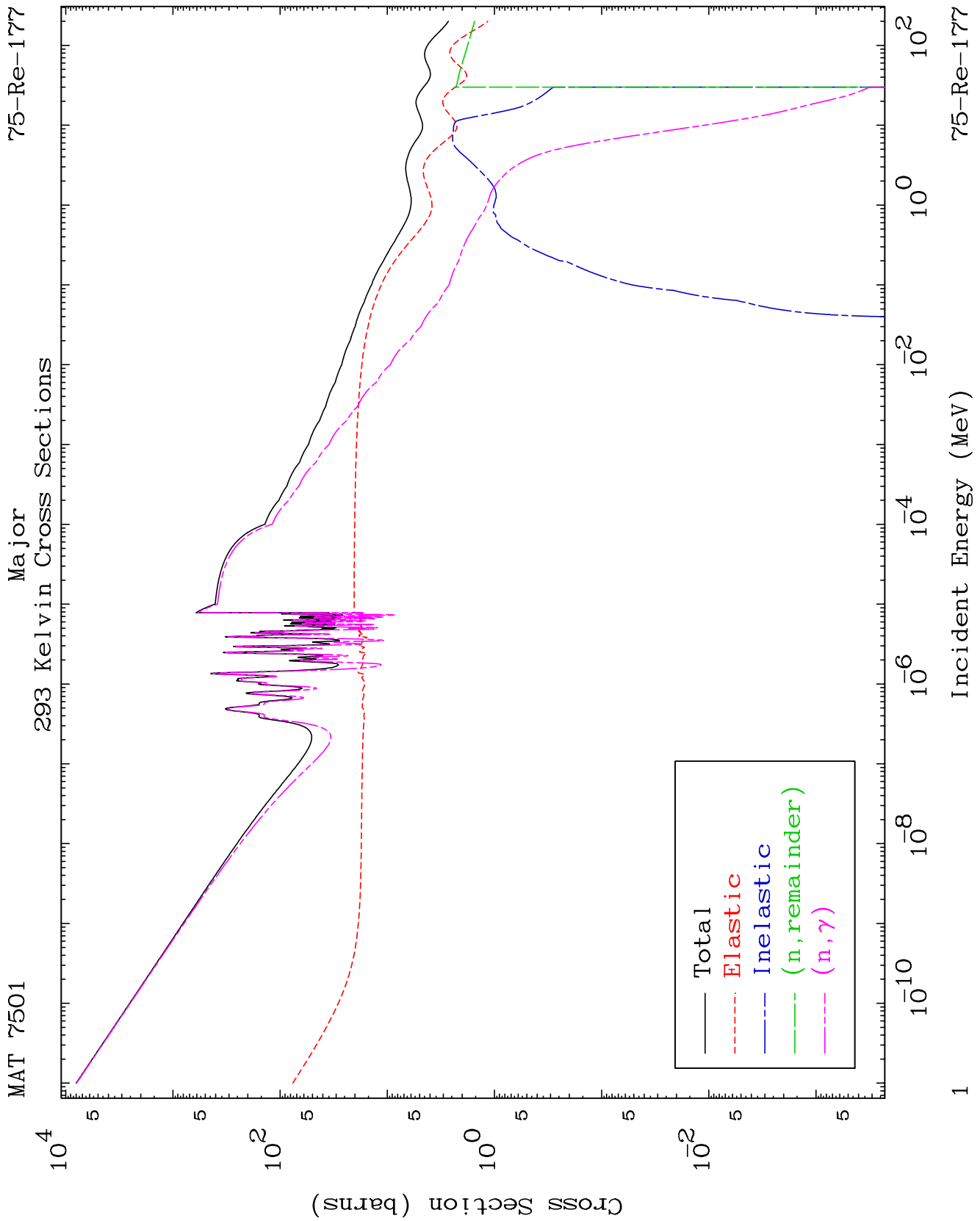
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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

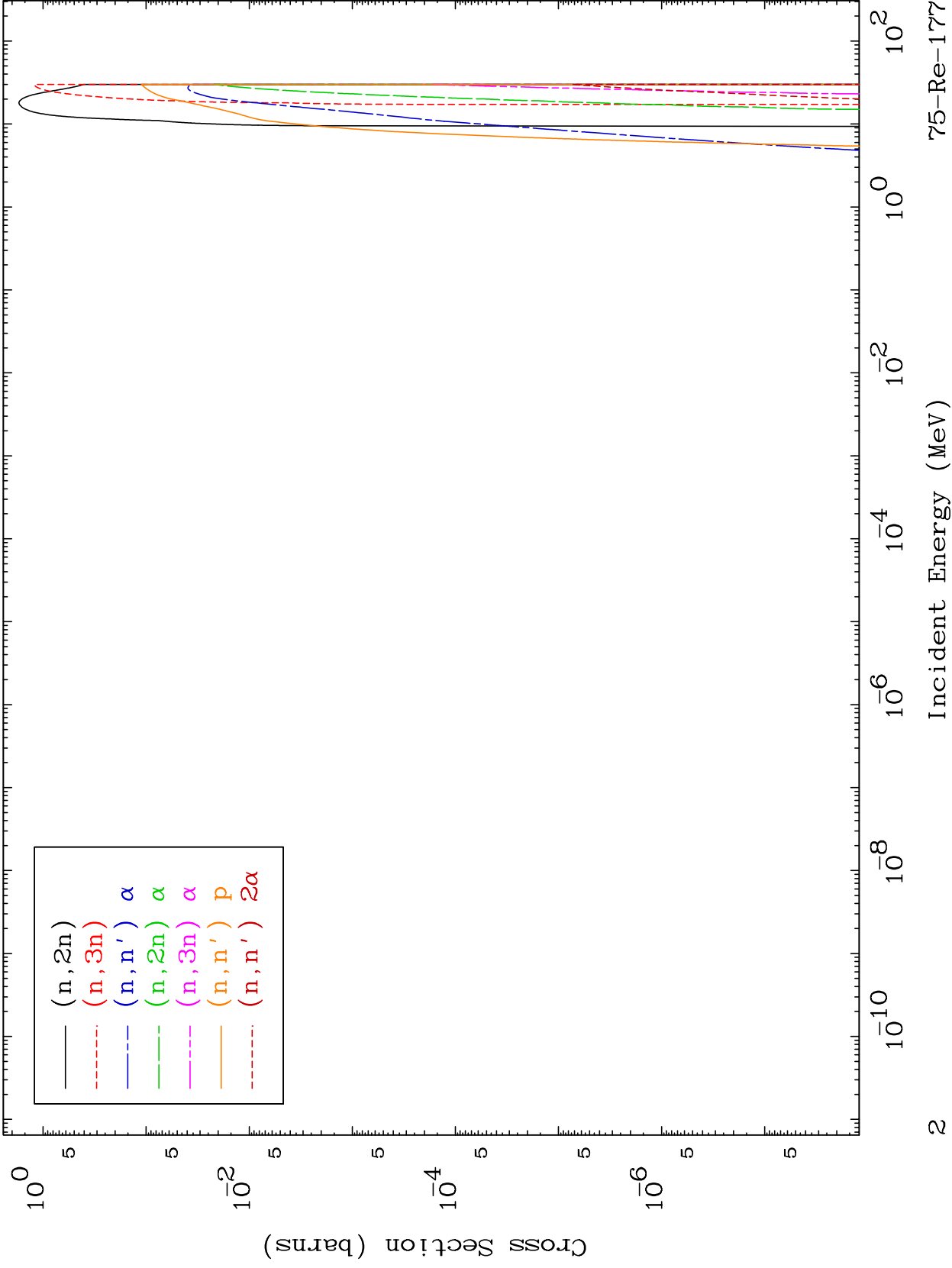
Press Mouse Button to Start



MAT 7501

Neutron Production
293 Kelvin Cross Sections

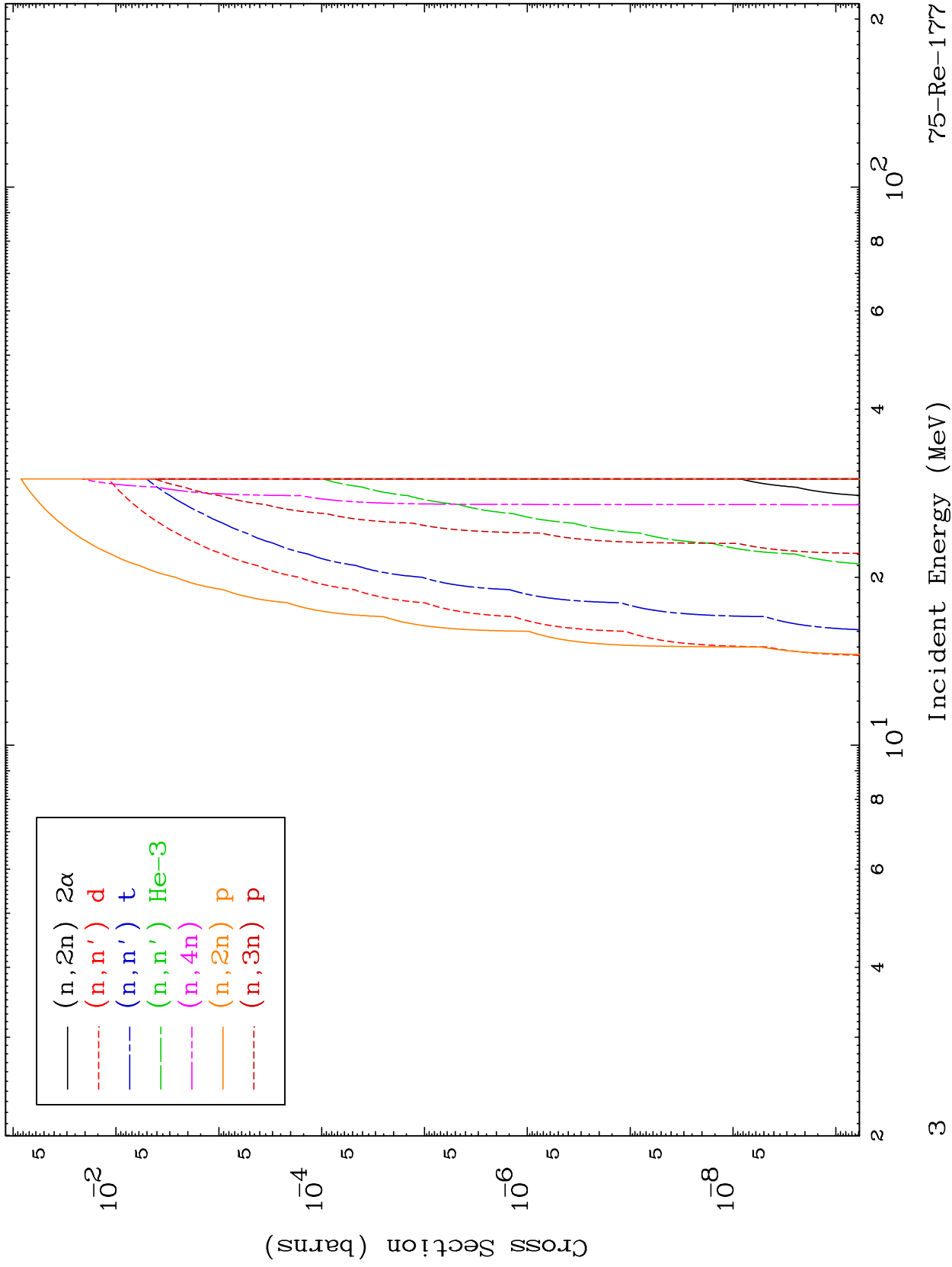
75-Re-177



MAT 7501

Neutron Production
293 Kelvin Cross Sections

75-Re-177



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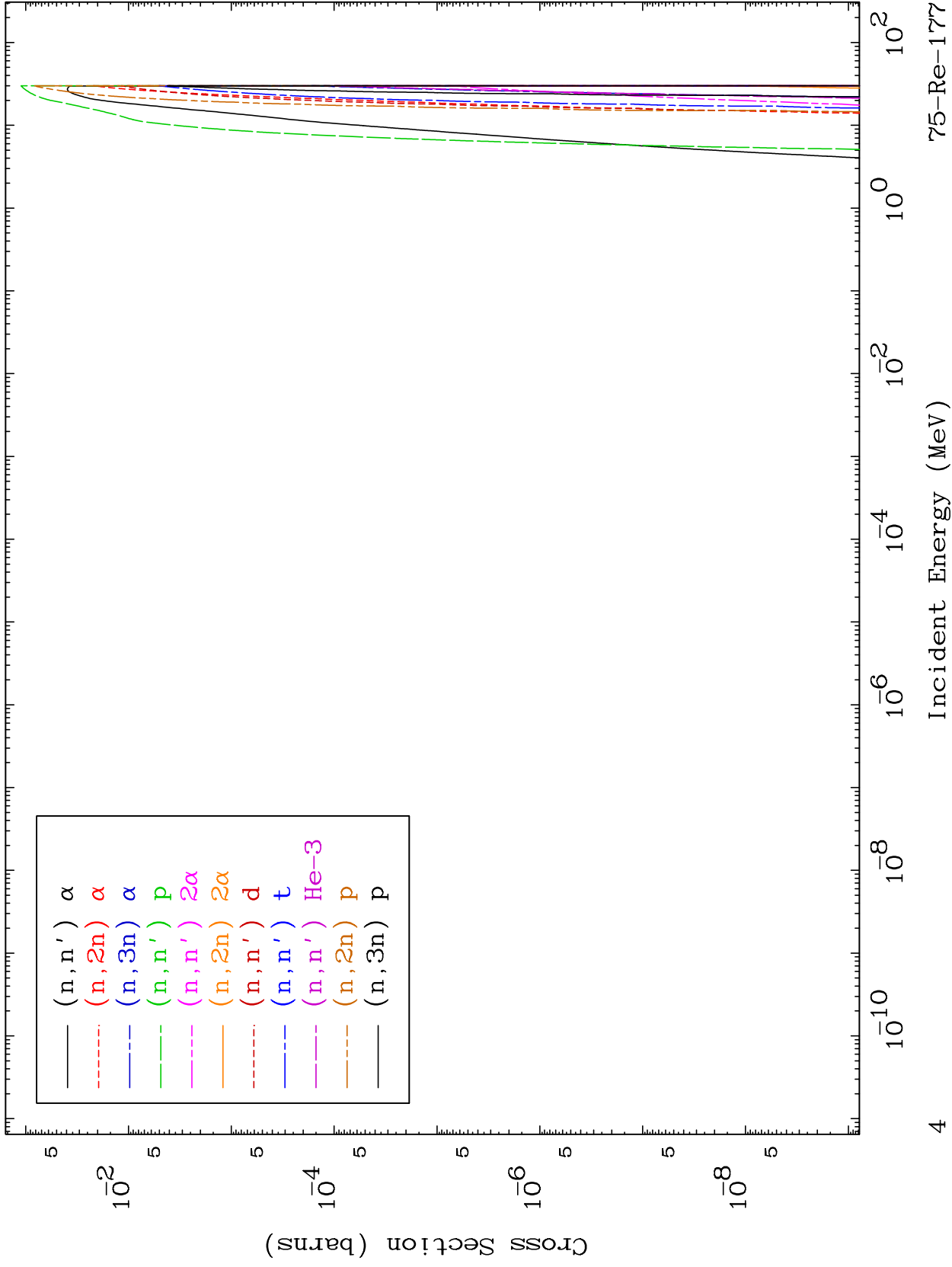
Incident Energy (MeV)

75-Re-177

MAT 7501

Charged Particle
293 Kelvin Cross Sections

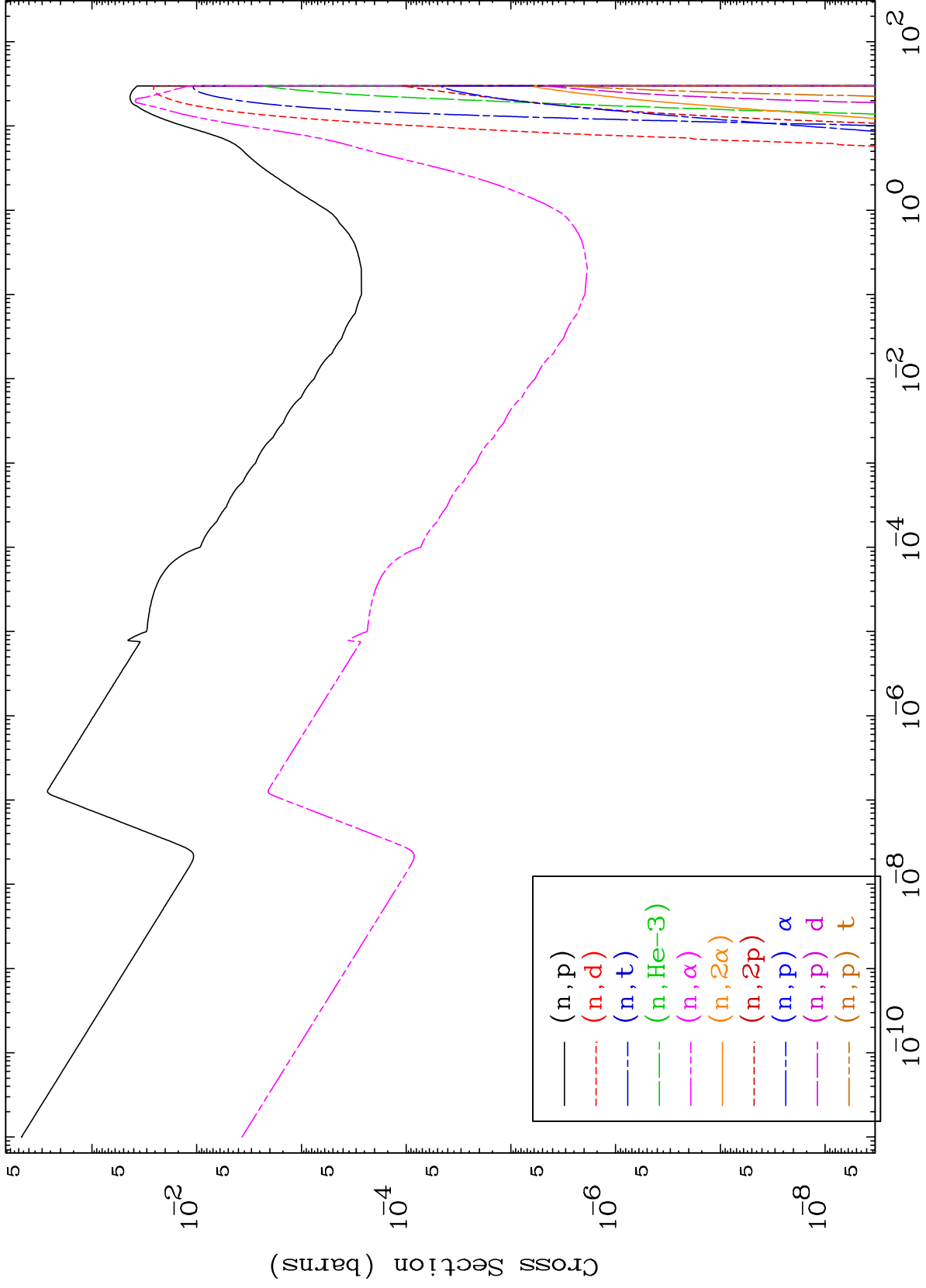
75-Re-177



MAT 7501

Charged Particle
293 Kelvin Cross Sections

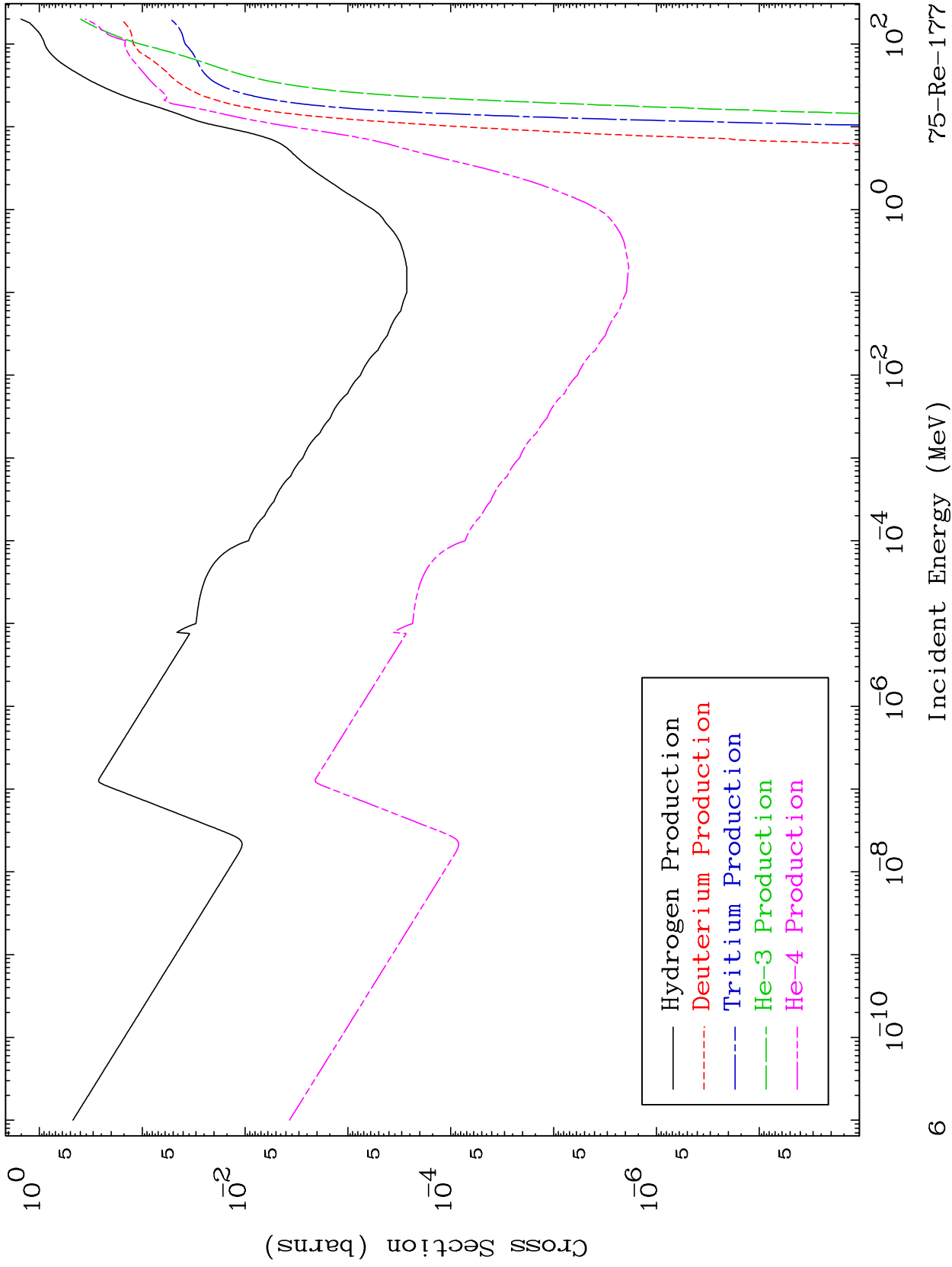
75-Re-177



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Incident Energy (MeV)

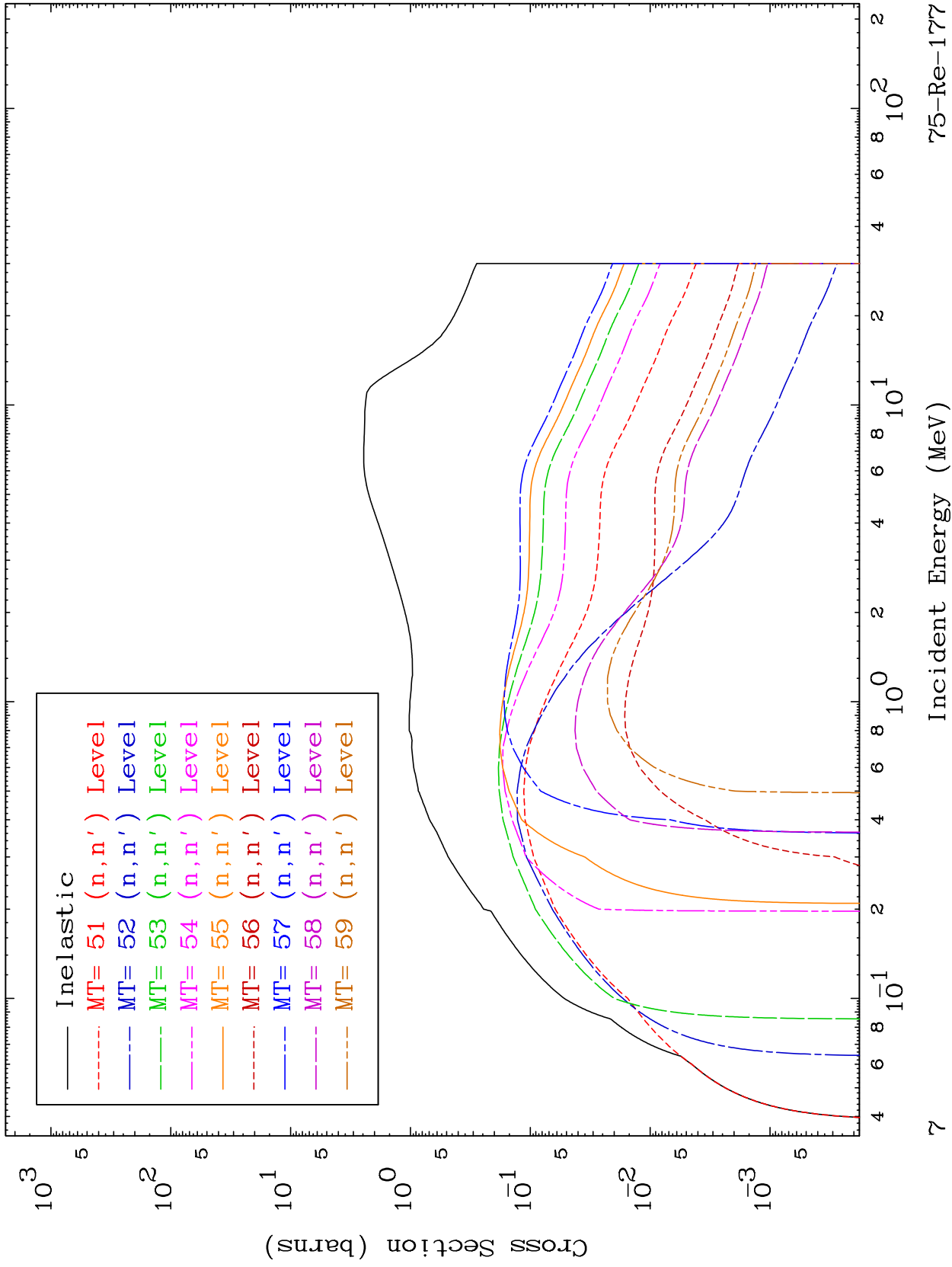
75-Re-177



MAT 7501

(n,n') Level
293 Kelvin Cross Sections

75-Re-177

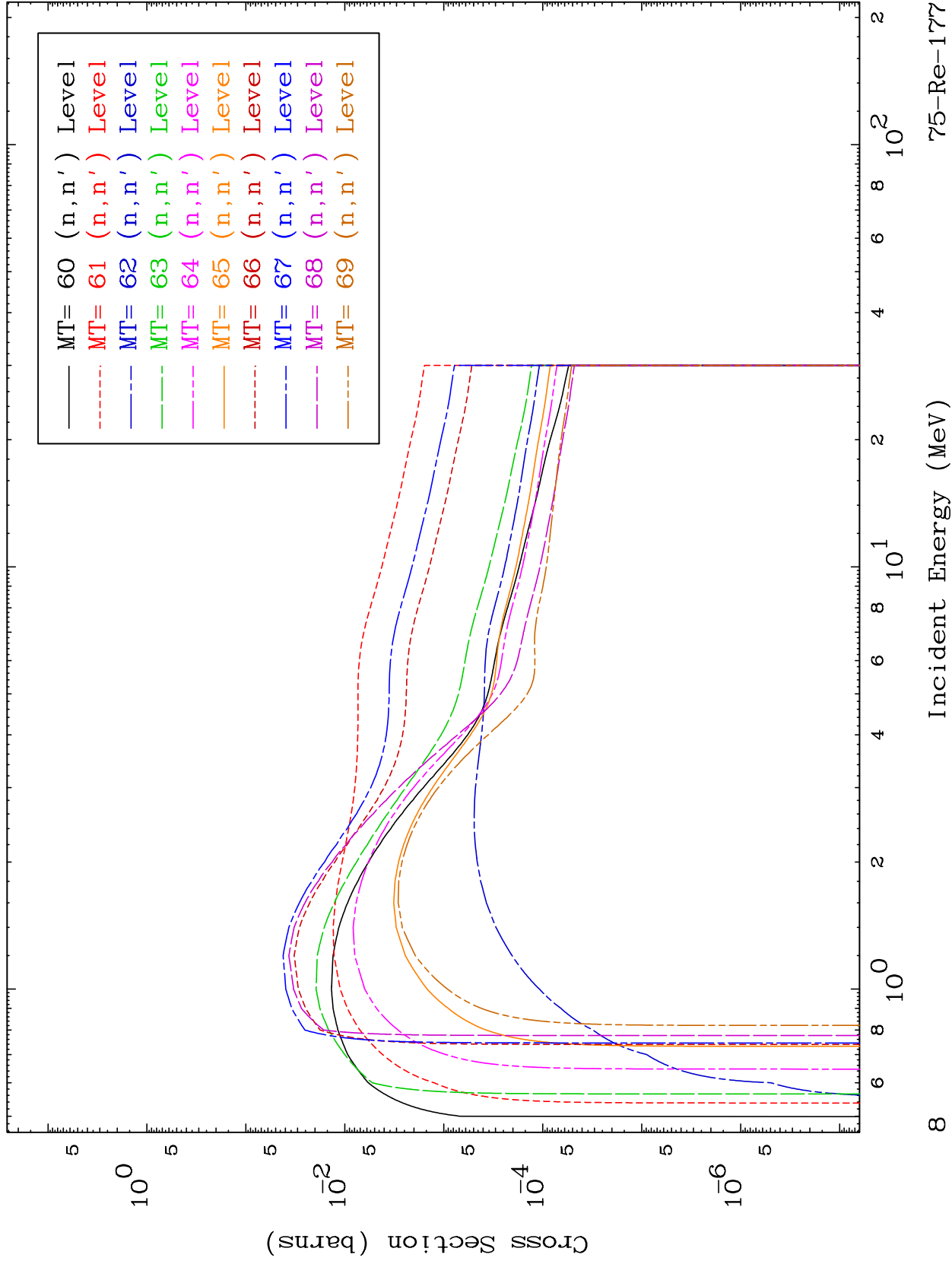


MAT 7501

(n,n') Level

75-Re-177

293 Kelvin Cross Sections



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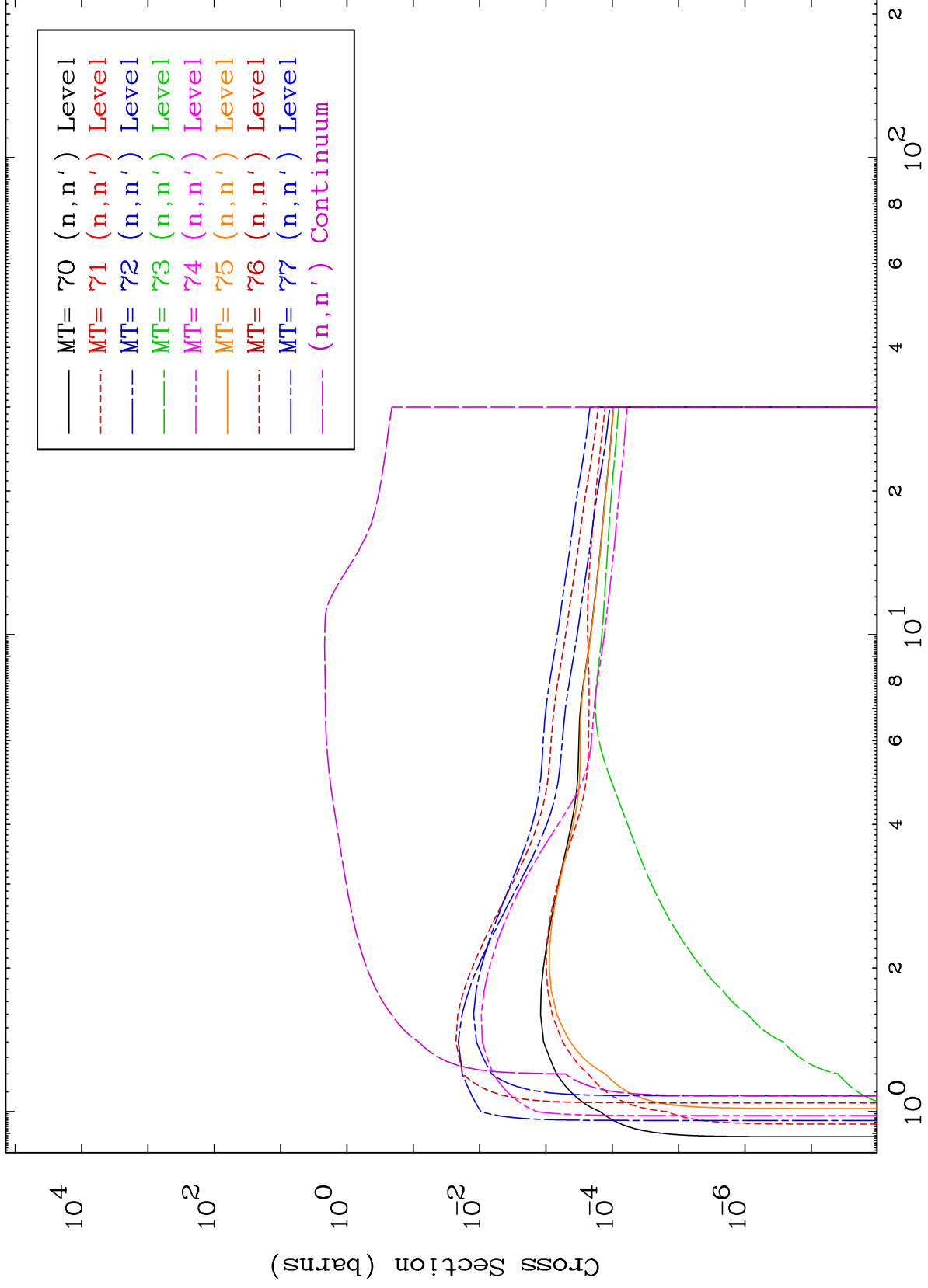
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,n') Level
293 Kelvin Cross Sections

75-Re-177



9

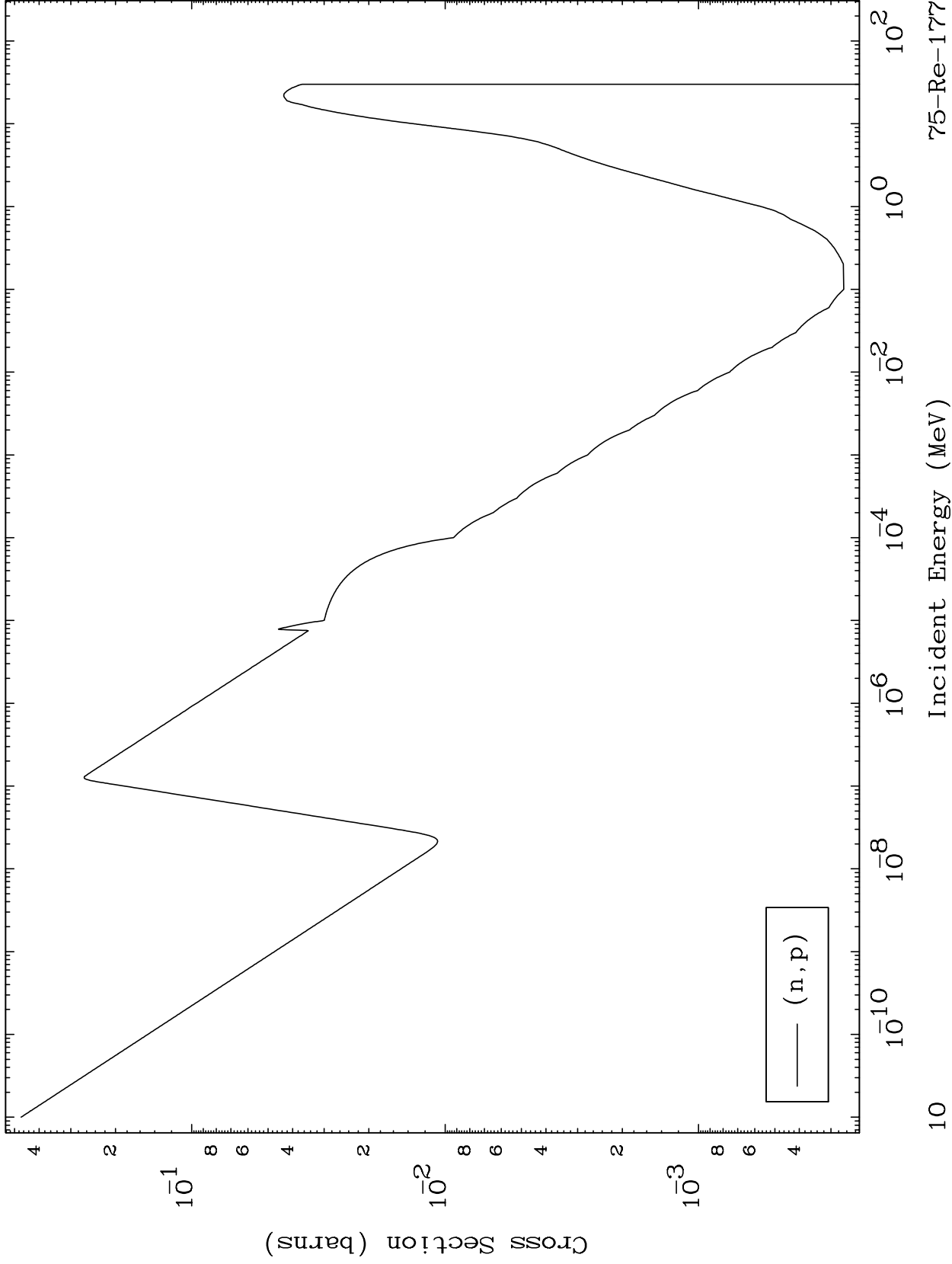
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,p) Levels
293 Kelvin Cross Sections

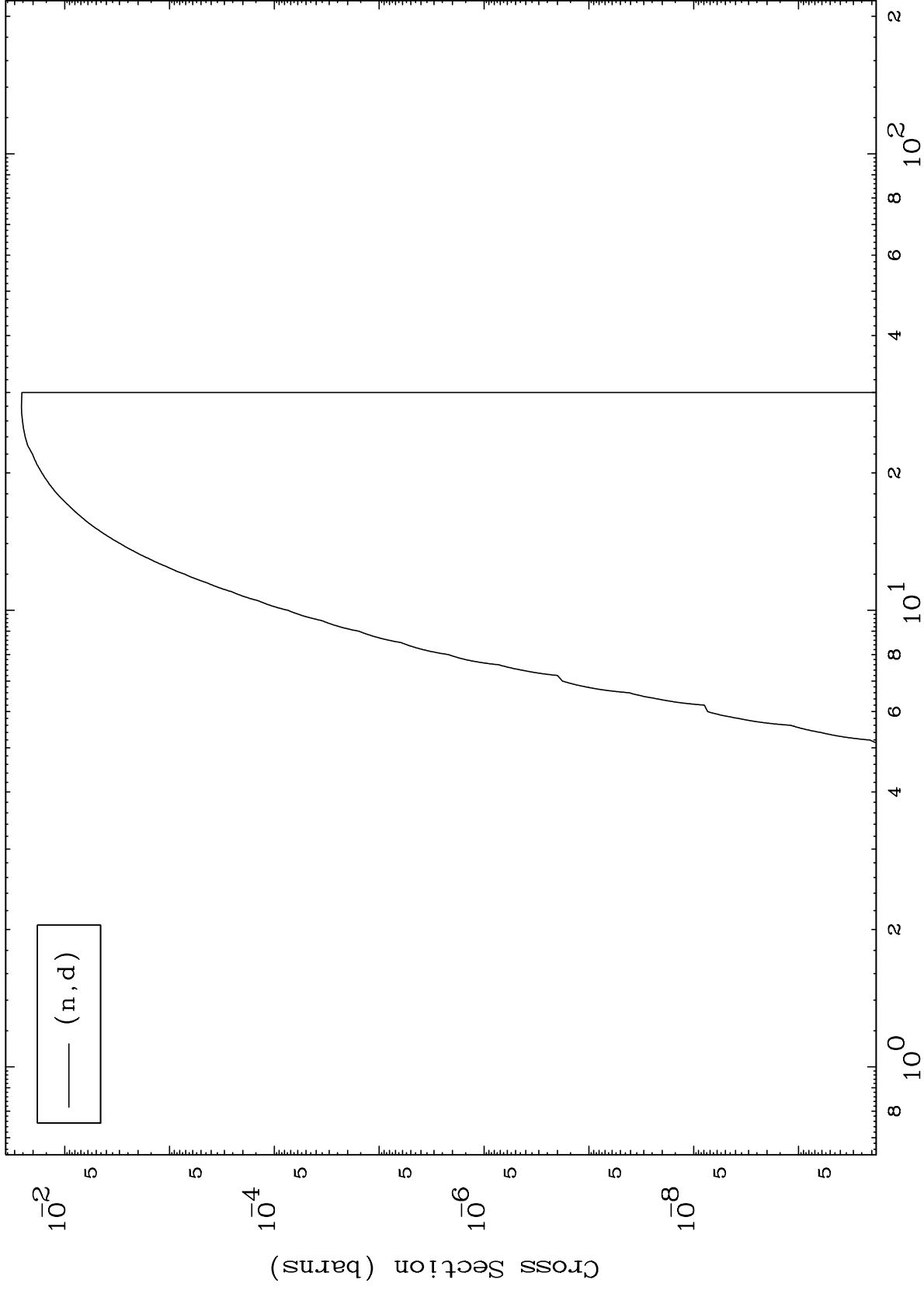
75-Re-177



MAT 7501

(n,d) Levels
293 Kelvin Cross Sections

75-Re-177



11

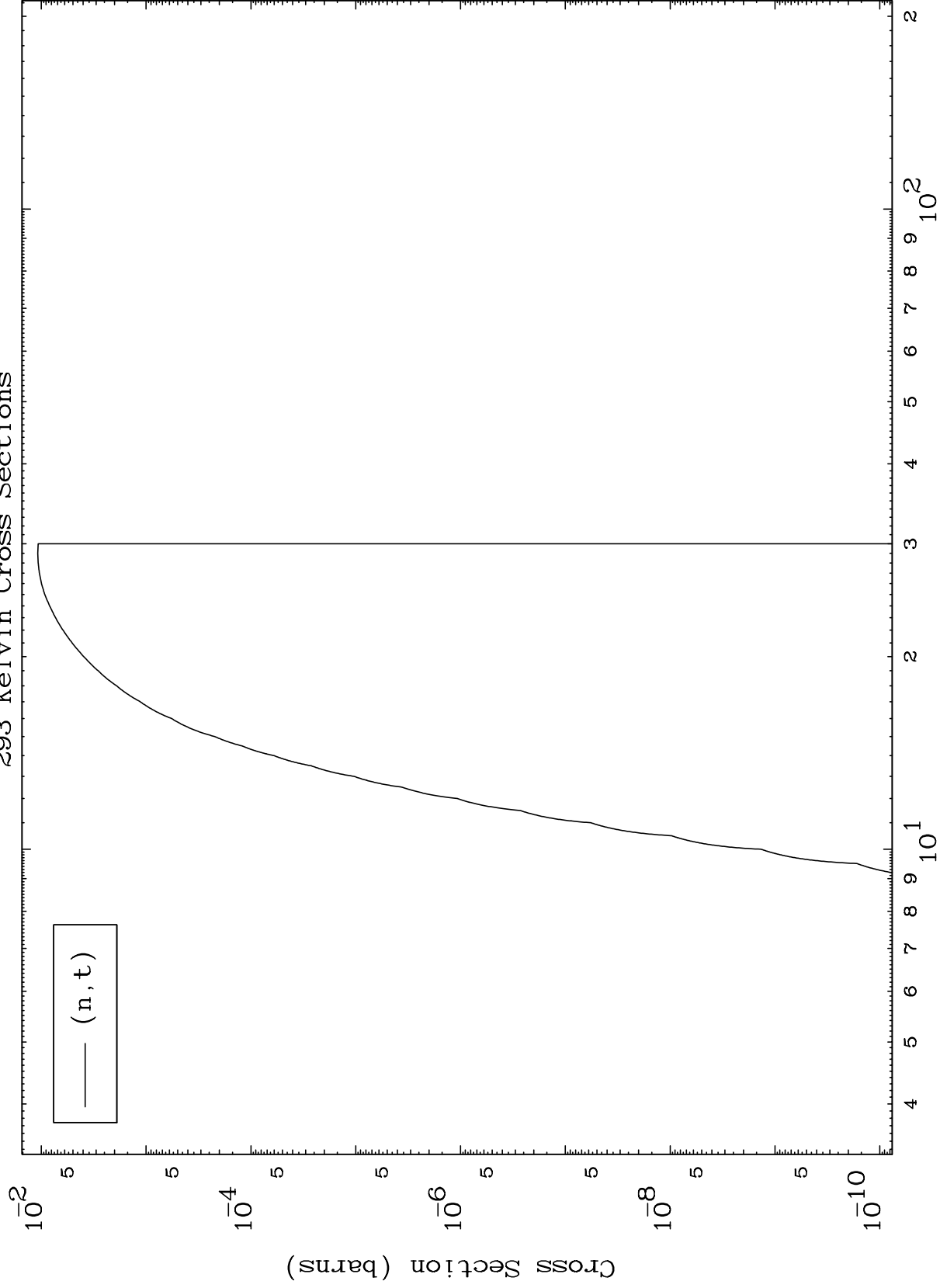
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,t) Levels
293 Kelvin Cross Sections

75-Re-177



12

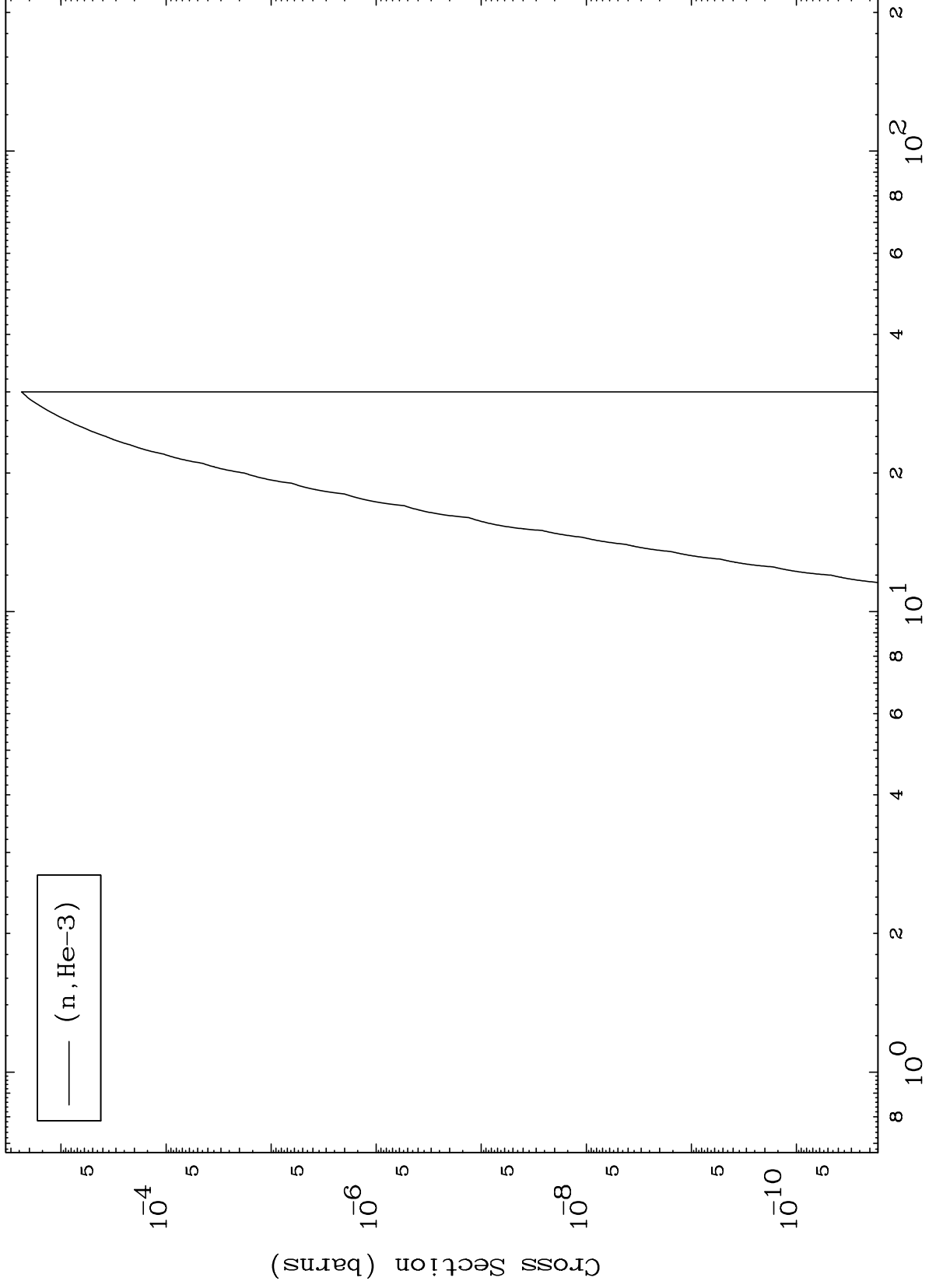
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-177



13

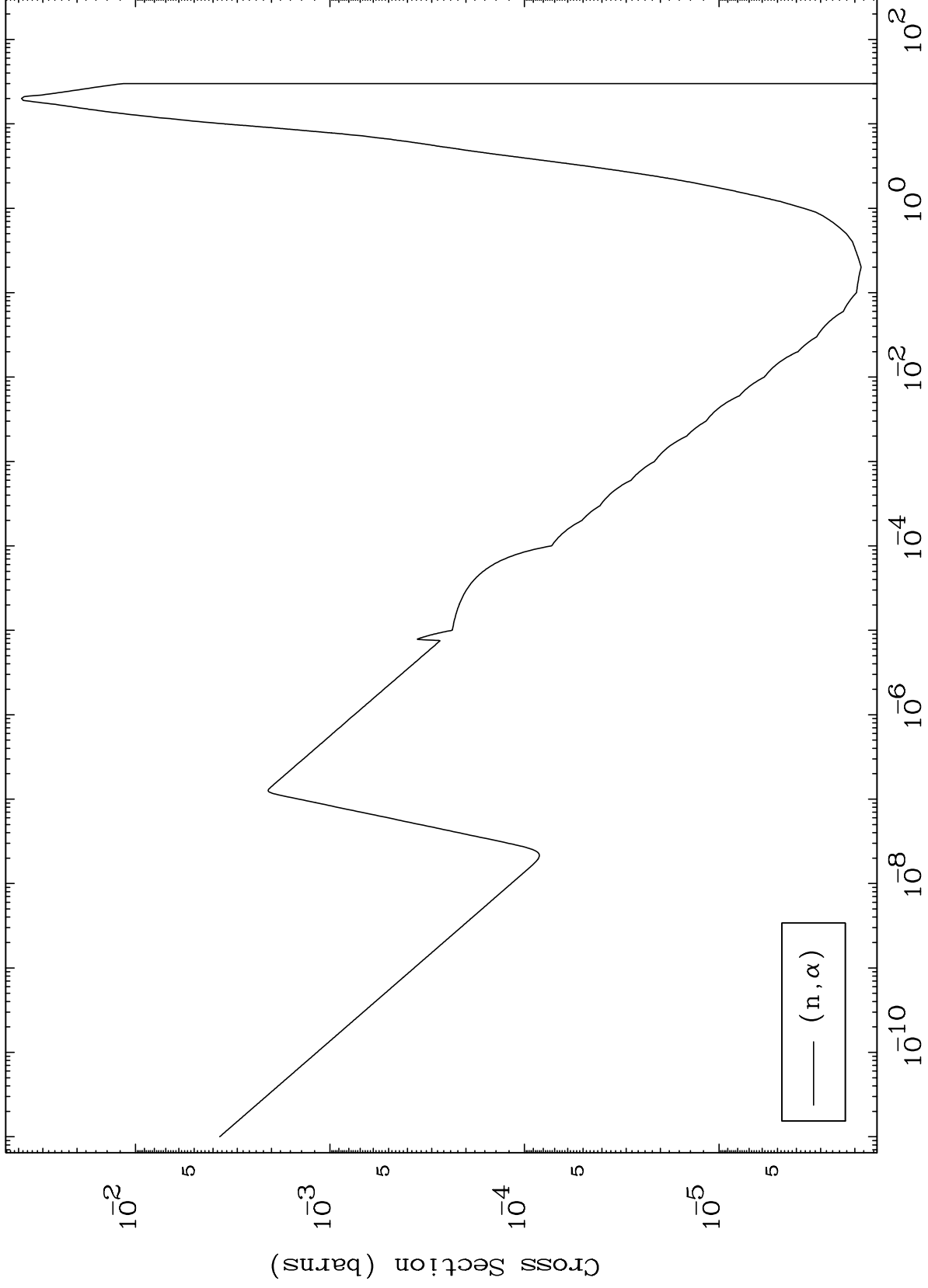
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,α) Levels
293 Kelvin Cross Sections

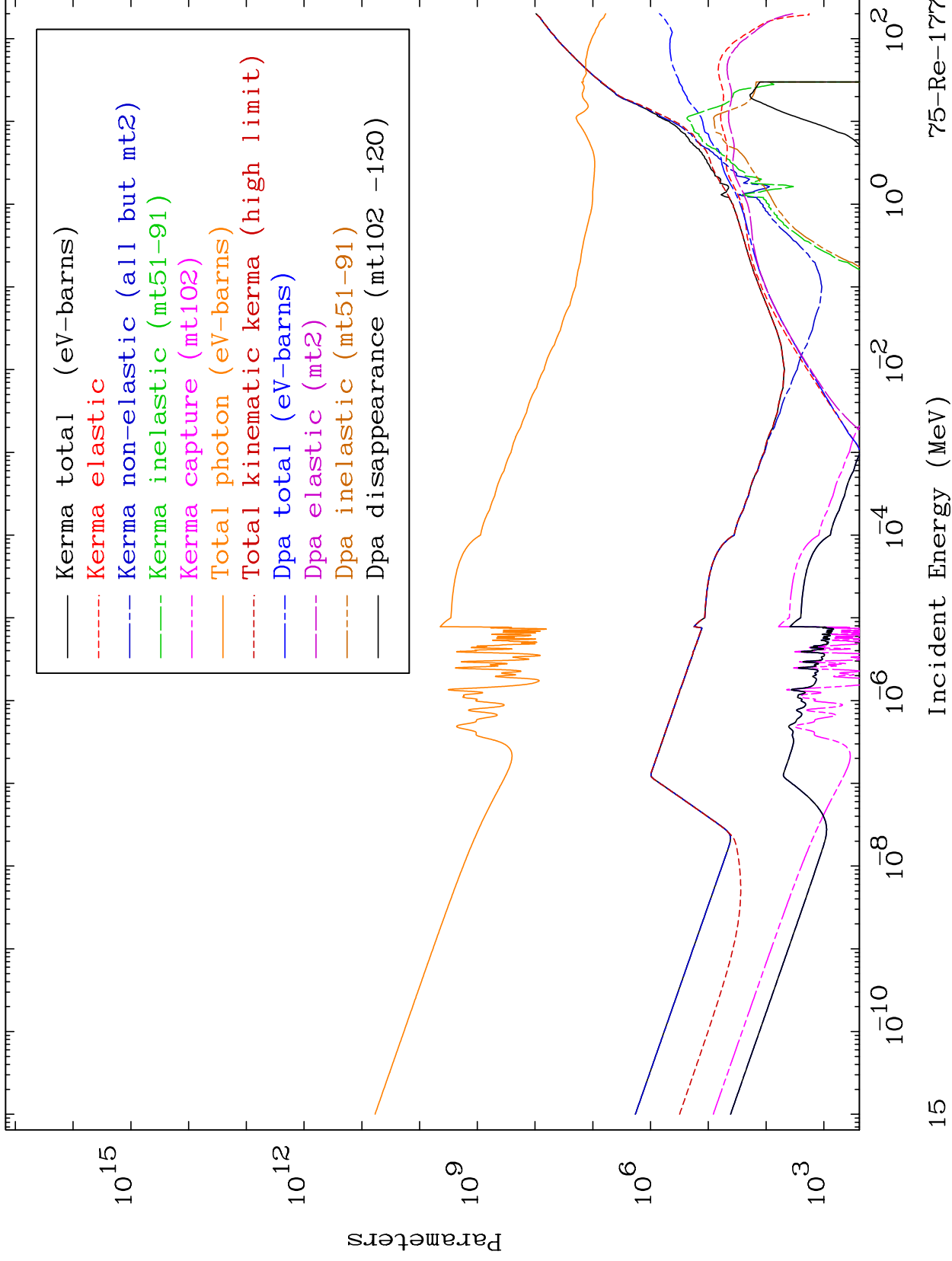
75-Re-177

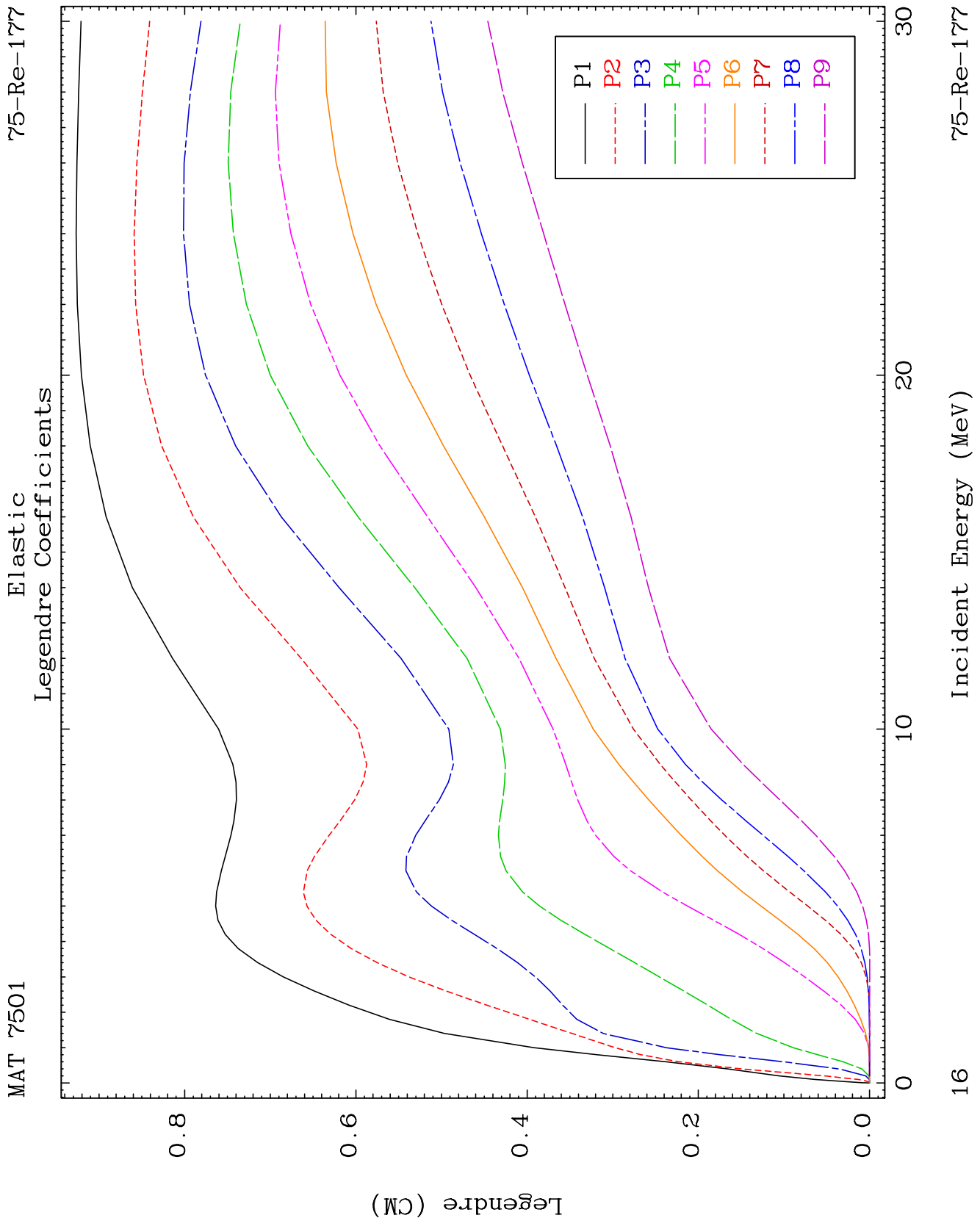


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Incident Energy (MeV)

75-Re-177

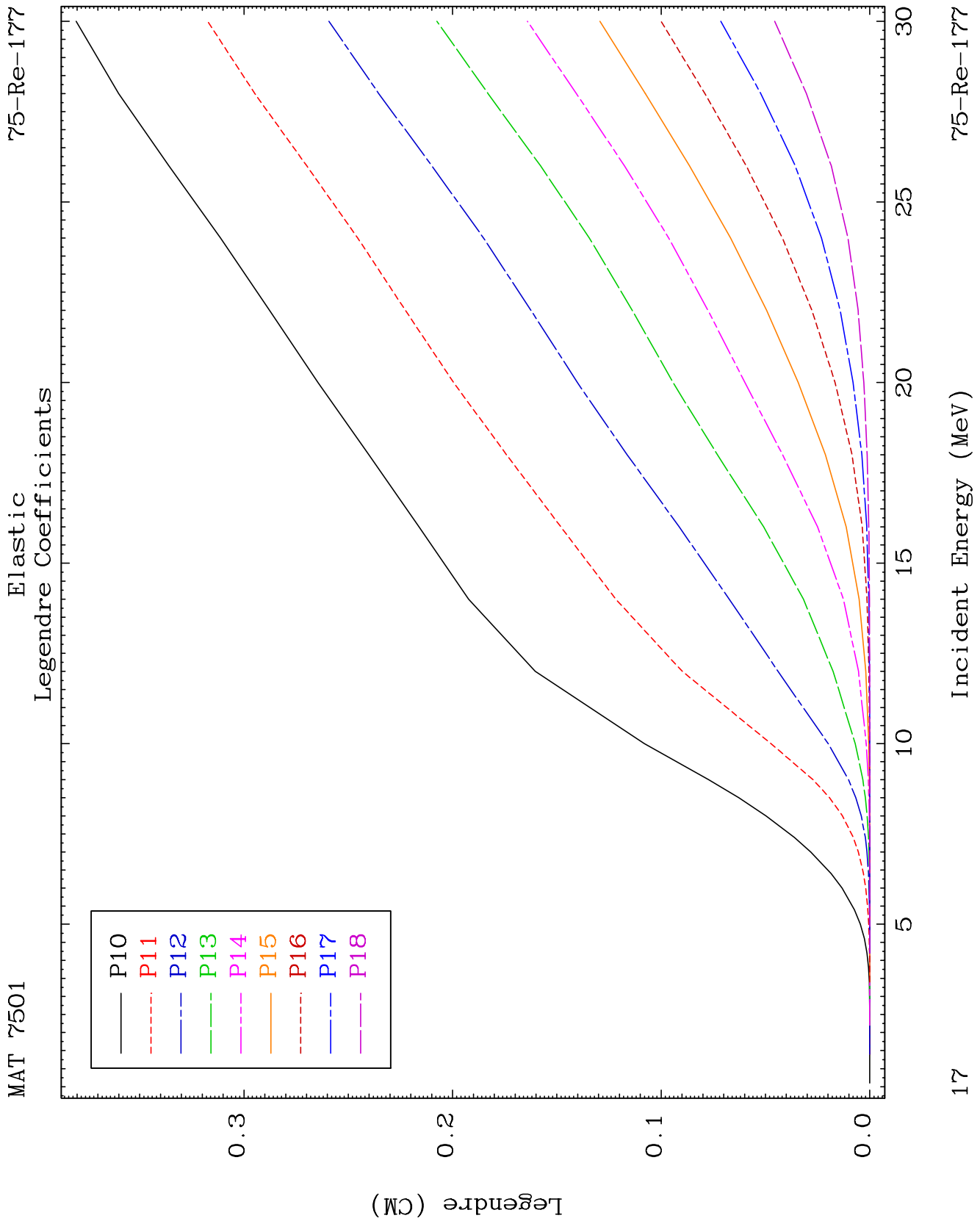




75-Re-177

Incident Energy (MeV)

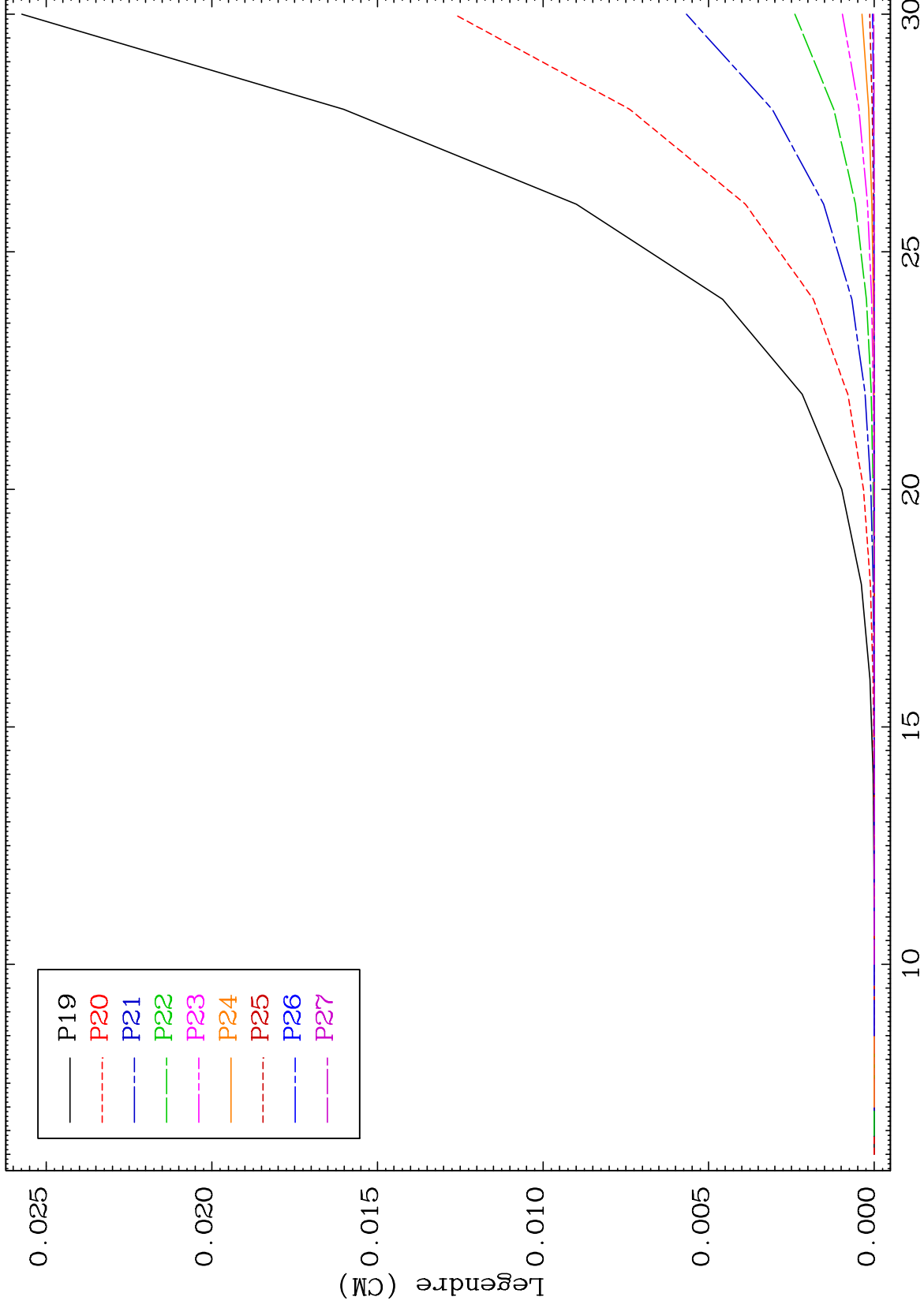
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MAT 7501

Elastic Legendre Coefficients

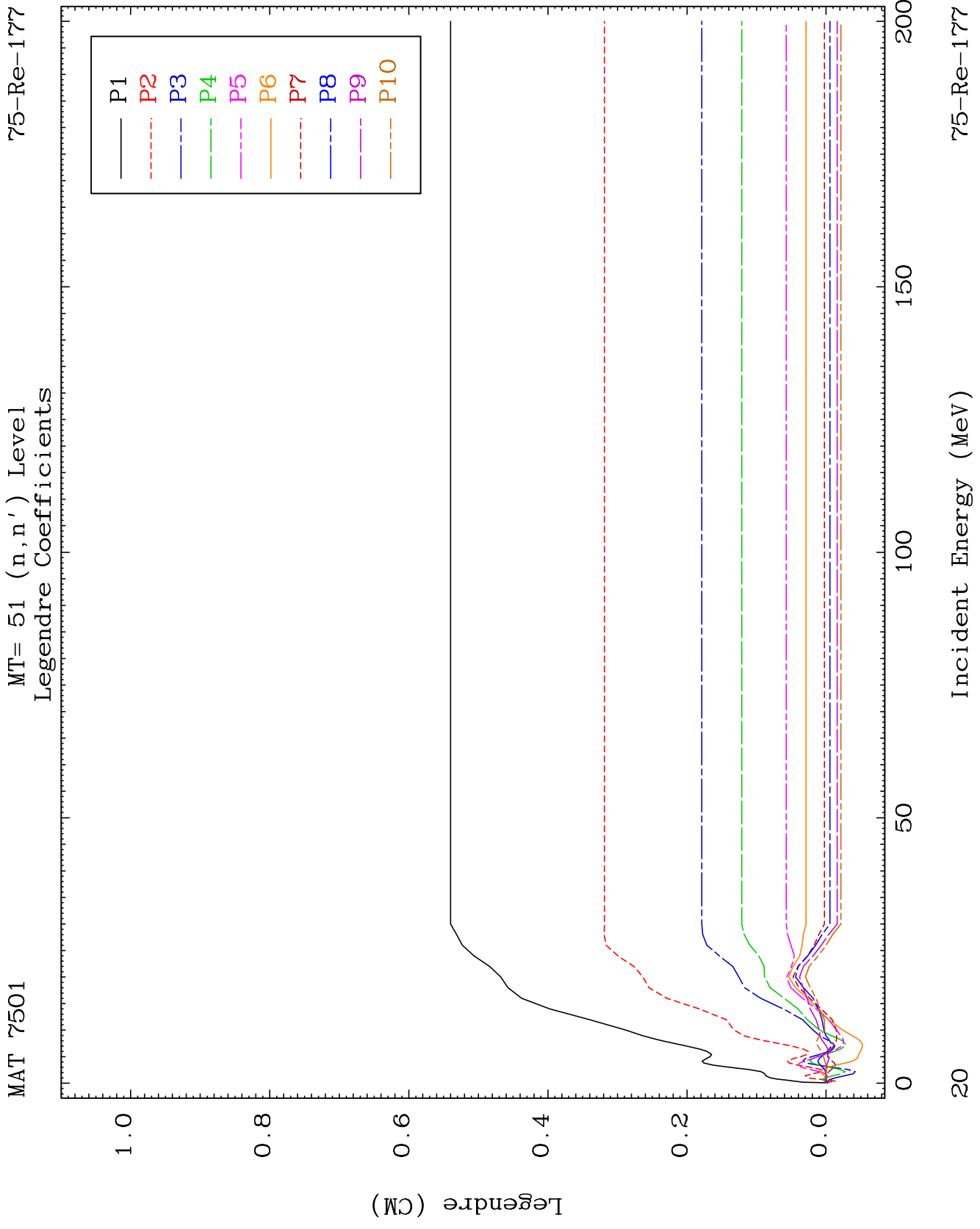
75-Re-177

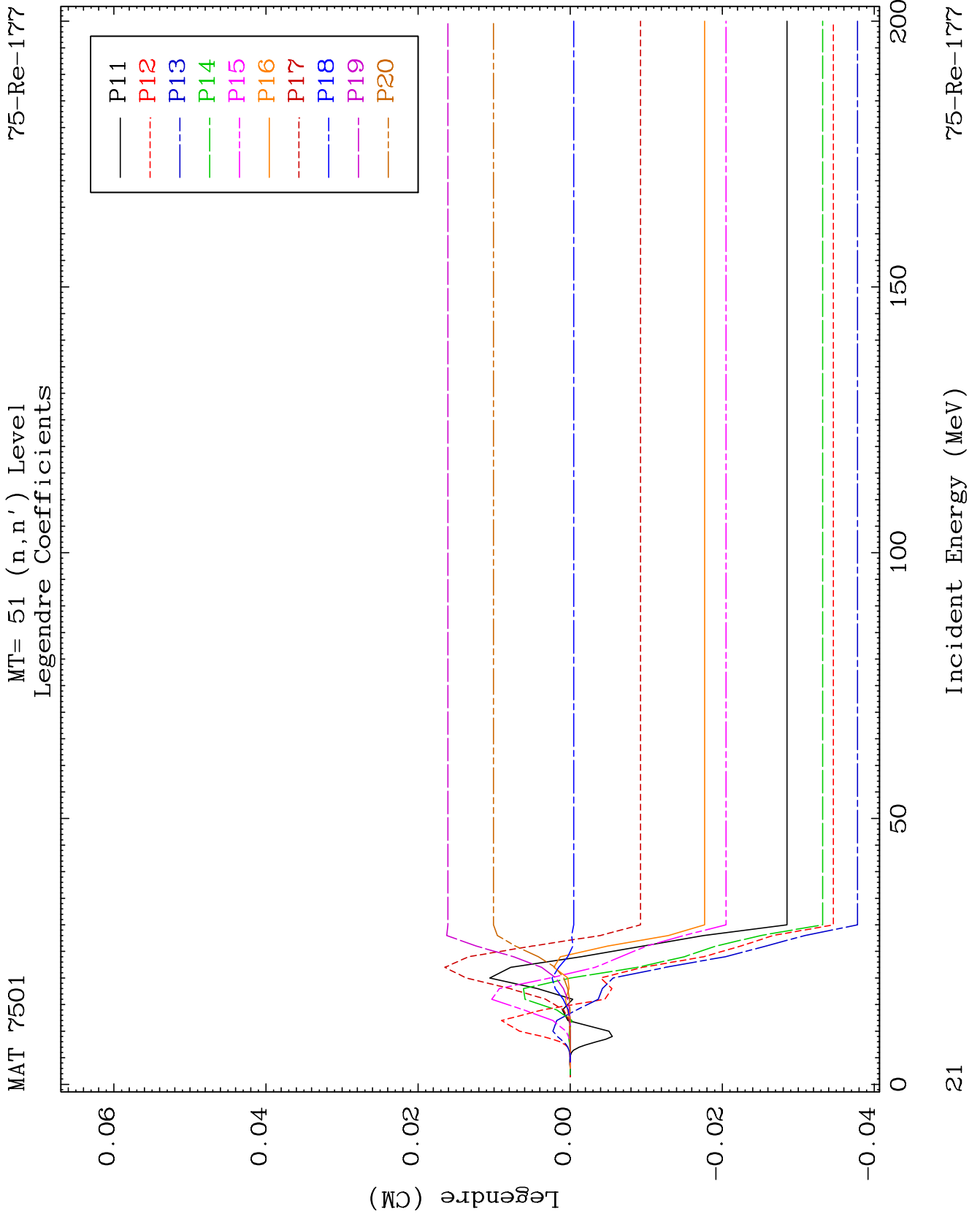


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Incident Energy (MeV)

75-Re-177

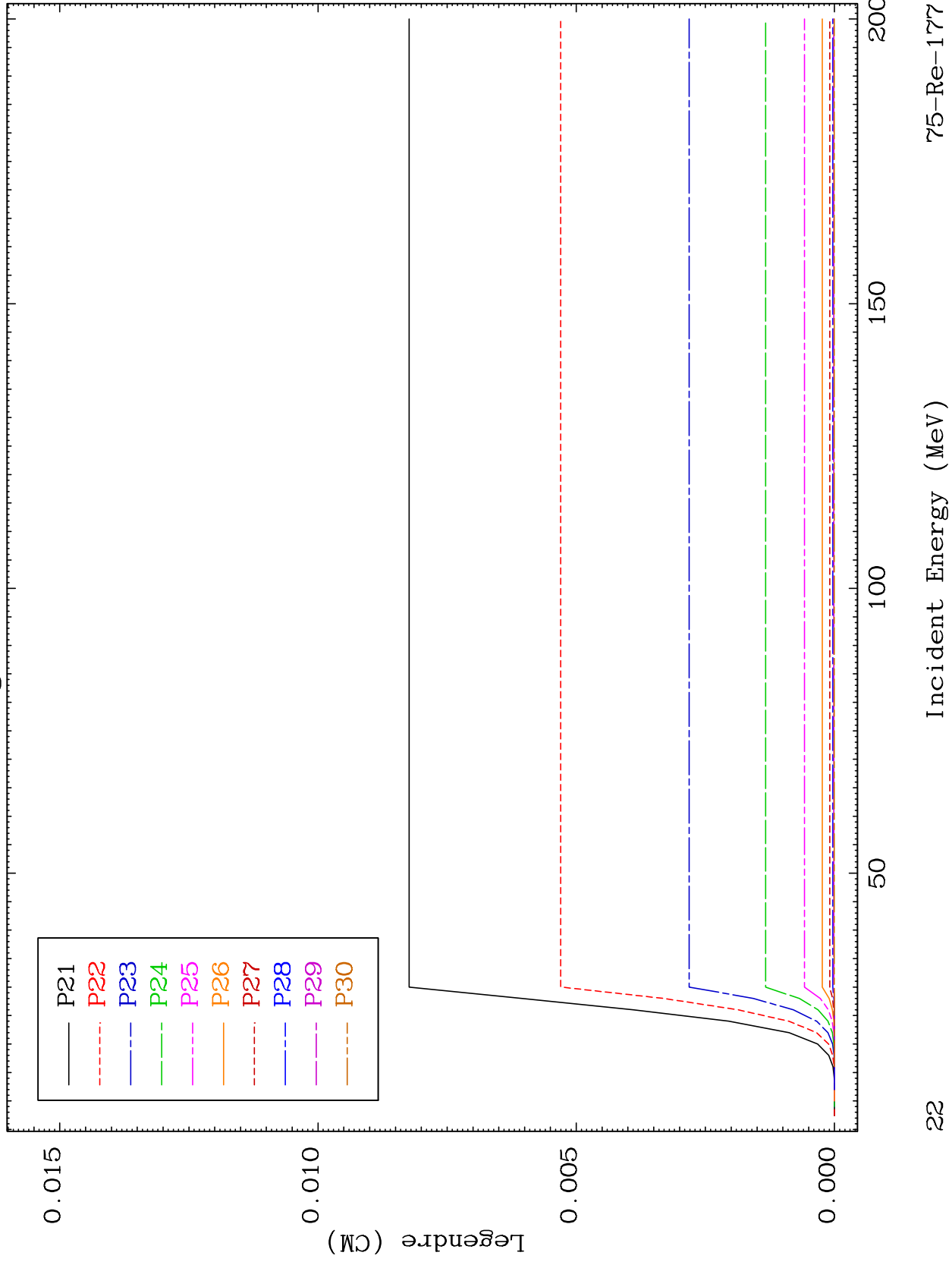




MAT 7501

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

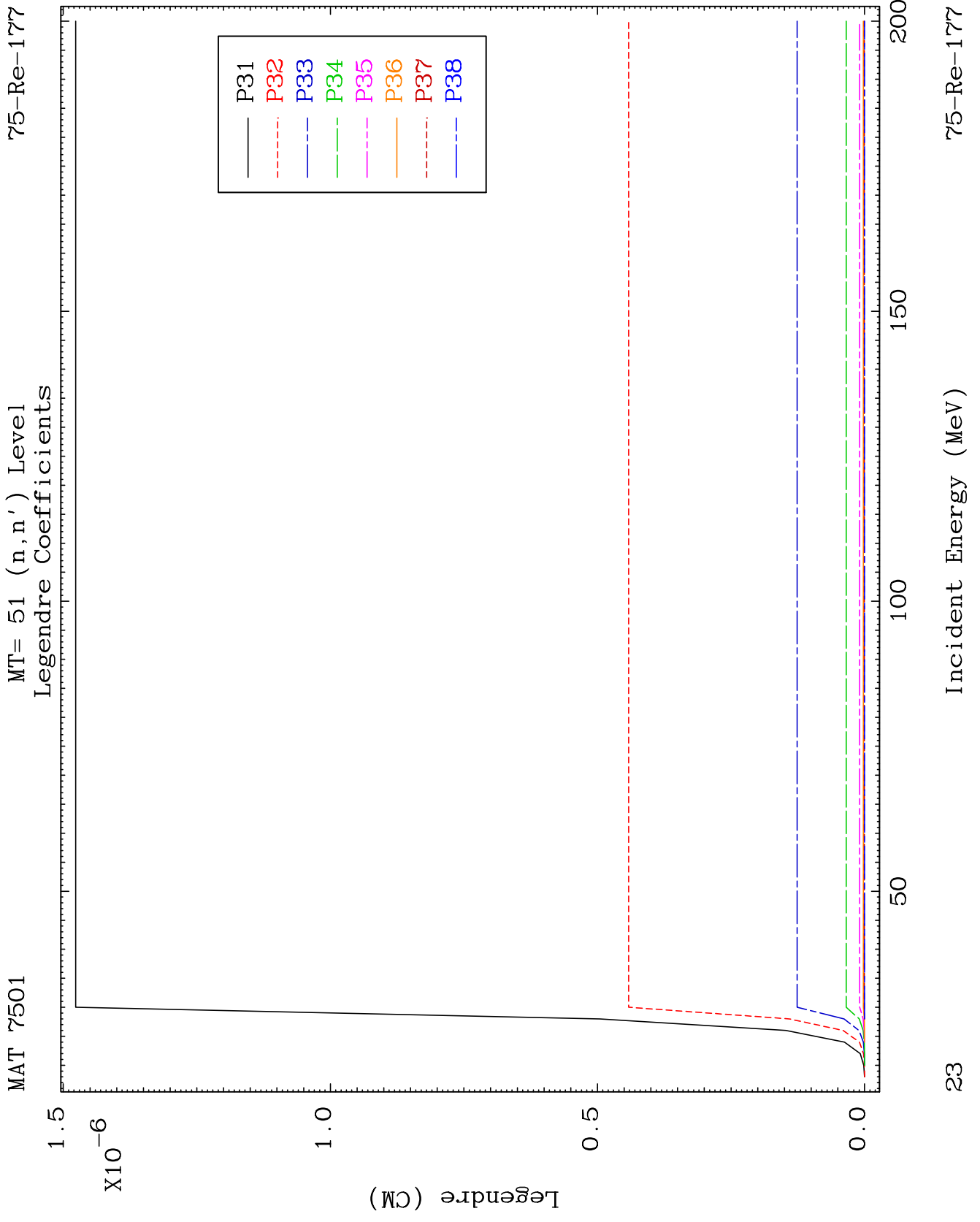
75-Re-177



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Incident Energy (MeV)

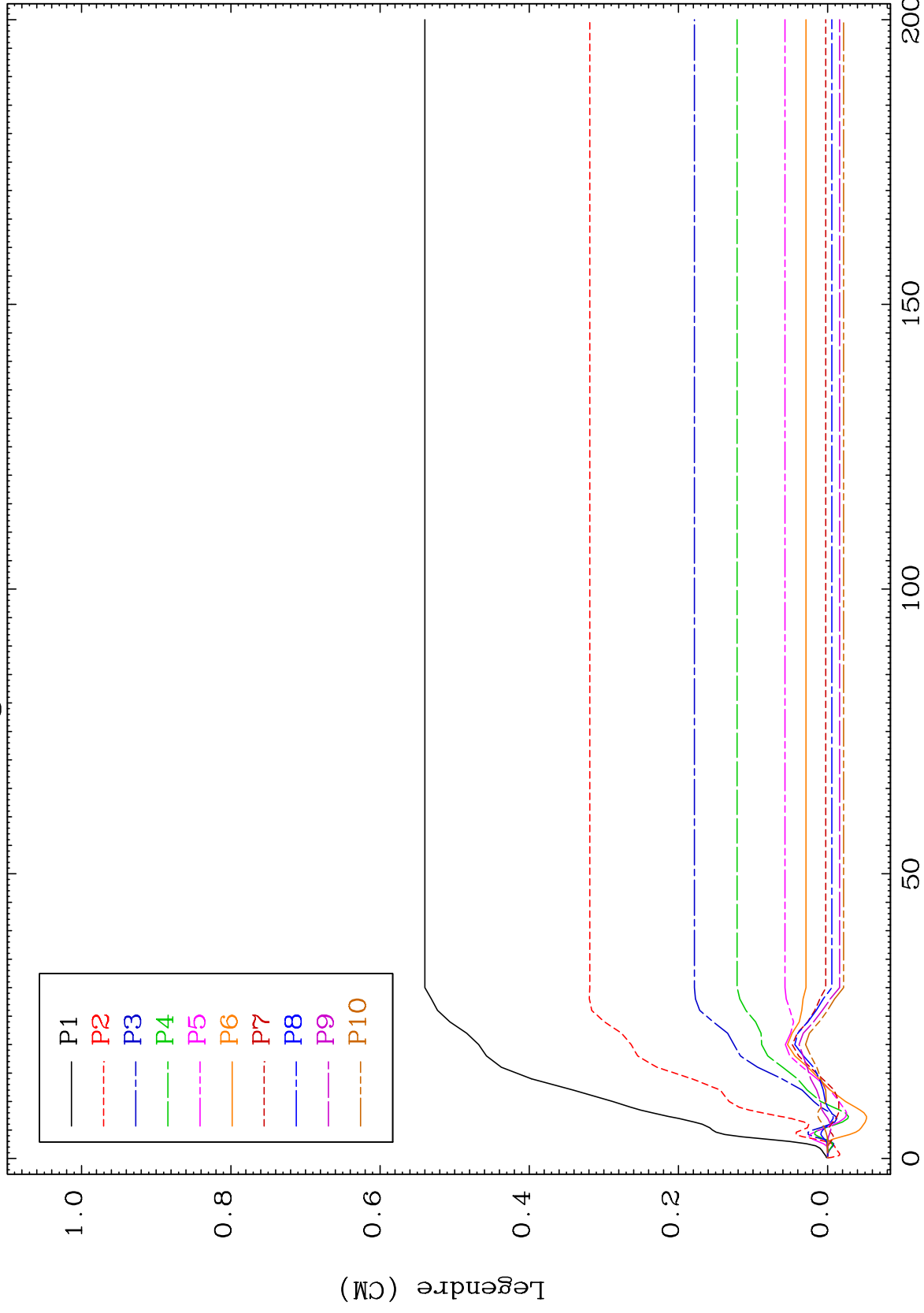
75-Re-177



MAT 7501

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

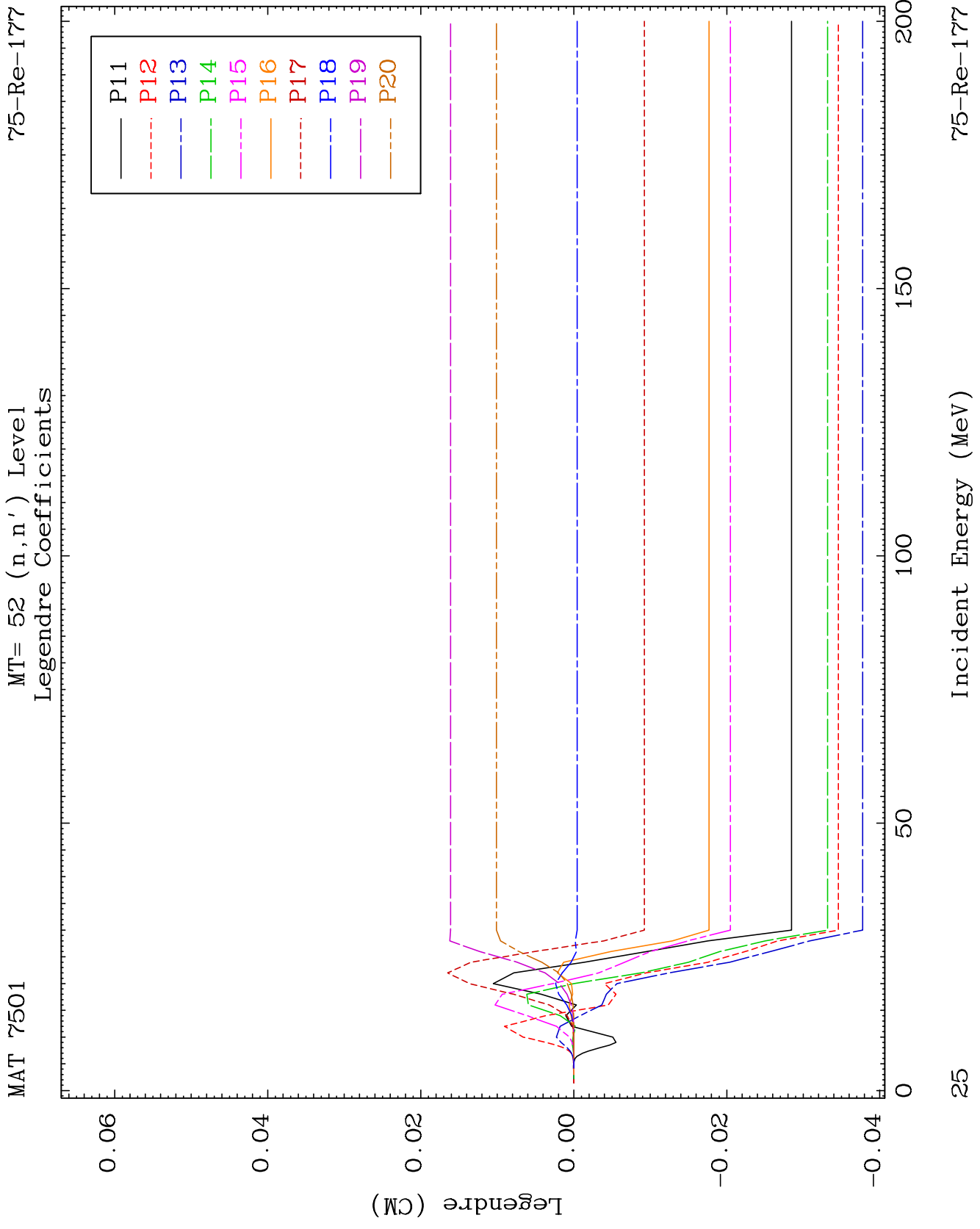
75-Re-177

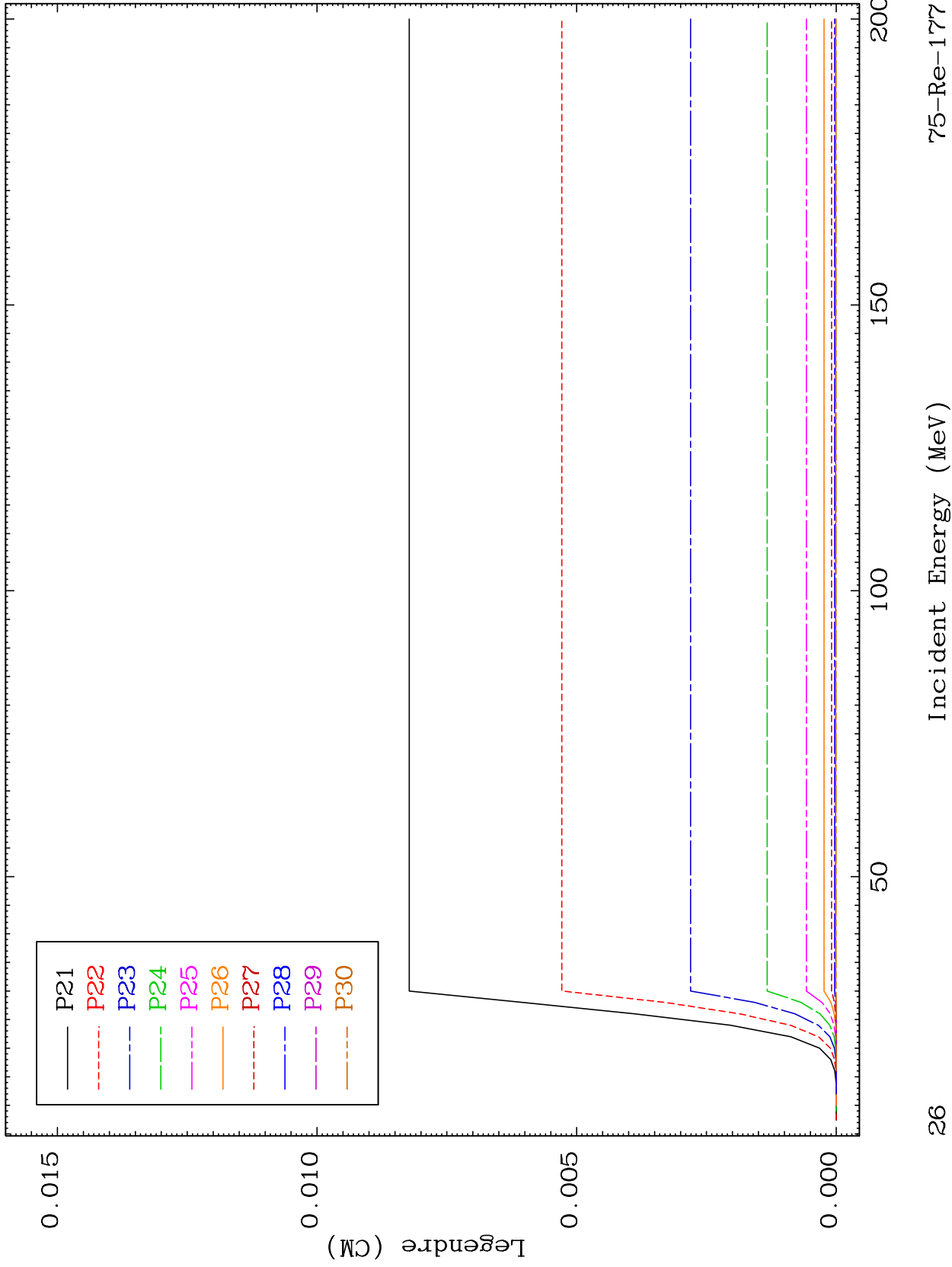


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Incident Energy (MeV)

75-Re-177

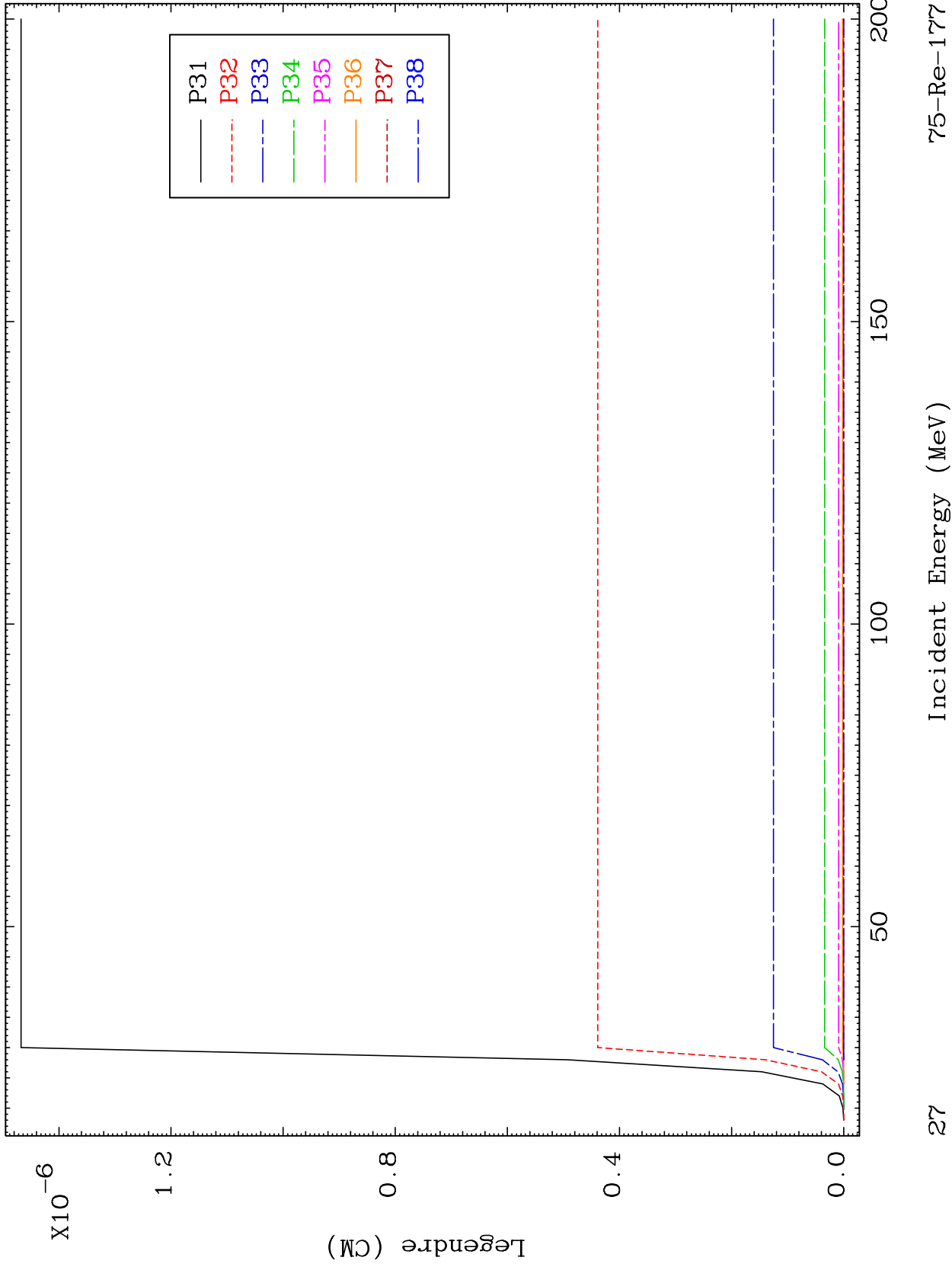




MAT 7501

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

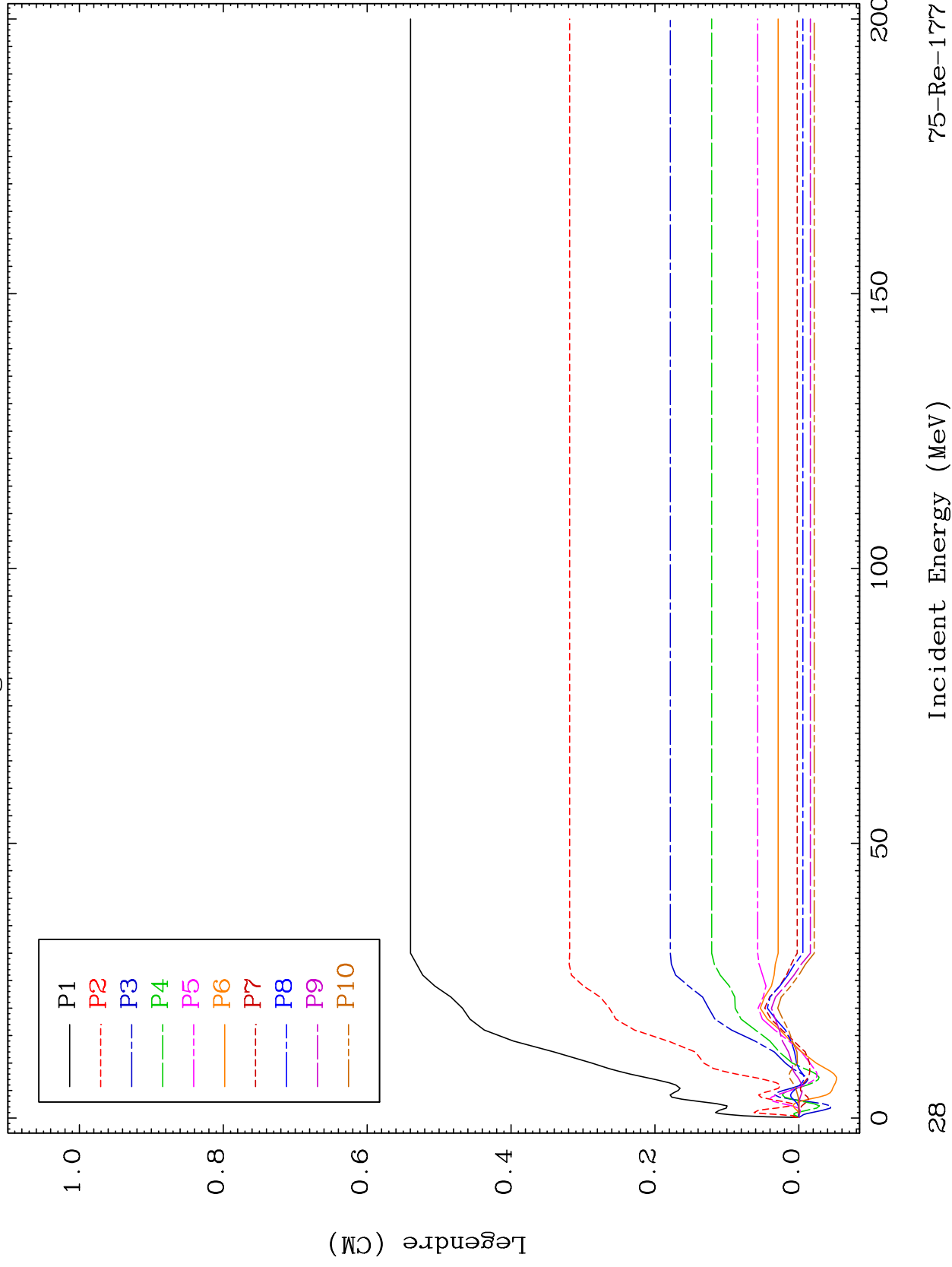
75-Re-177



MAT 7501

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

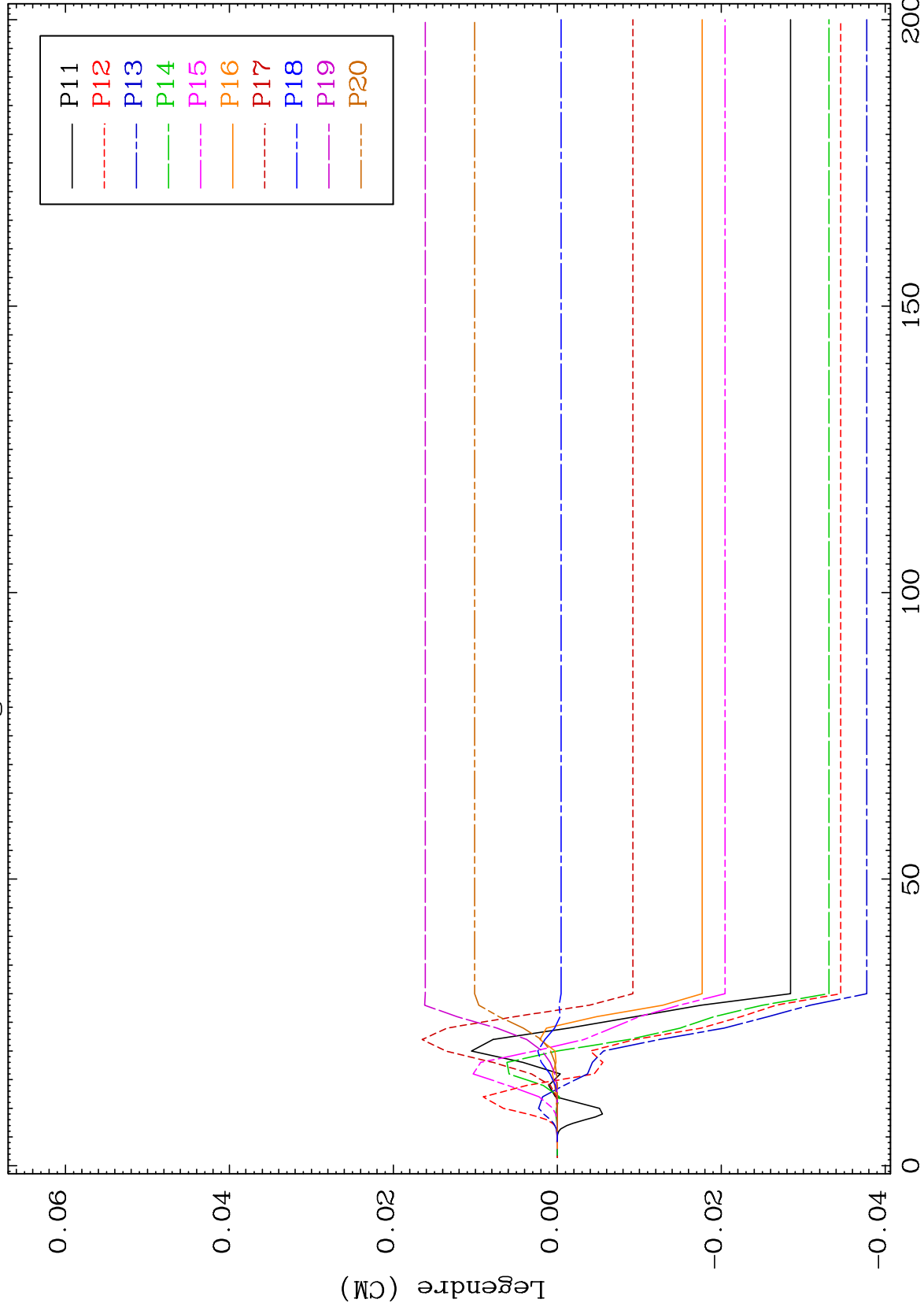
75-Re-177



MAT 7501

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

75-Re-177



29

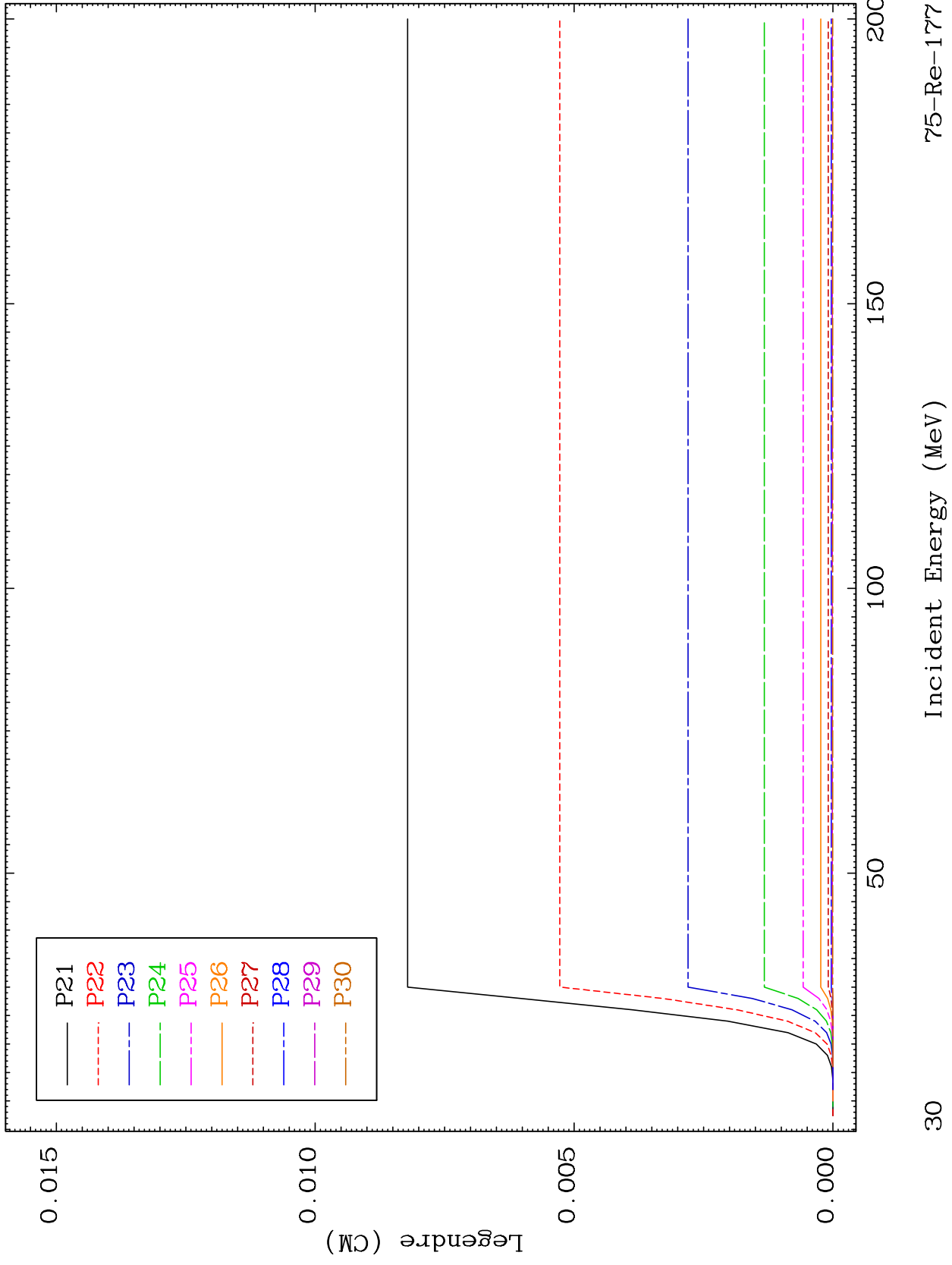
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



30

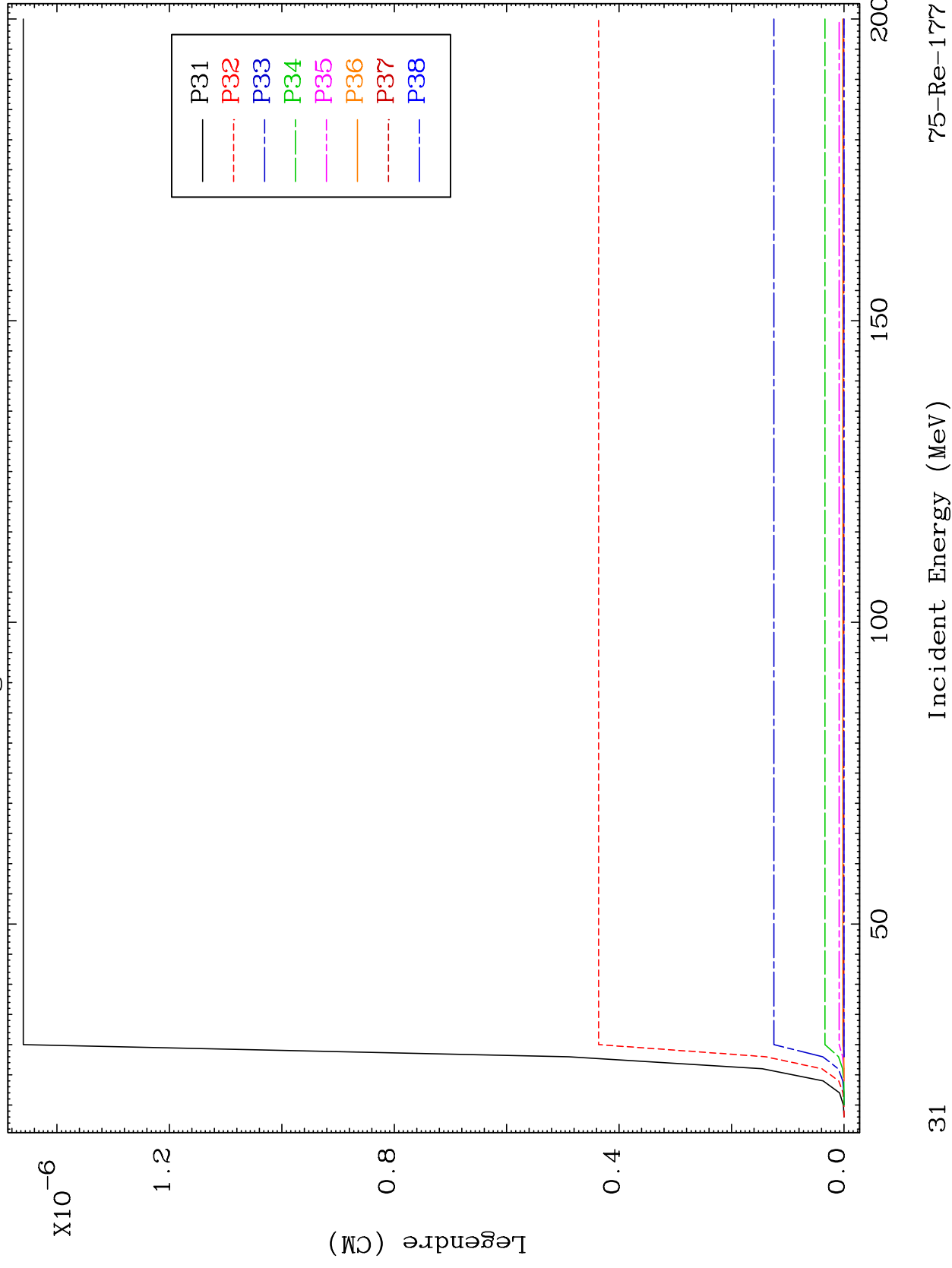
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



31

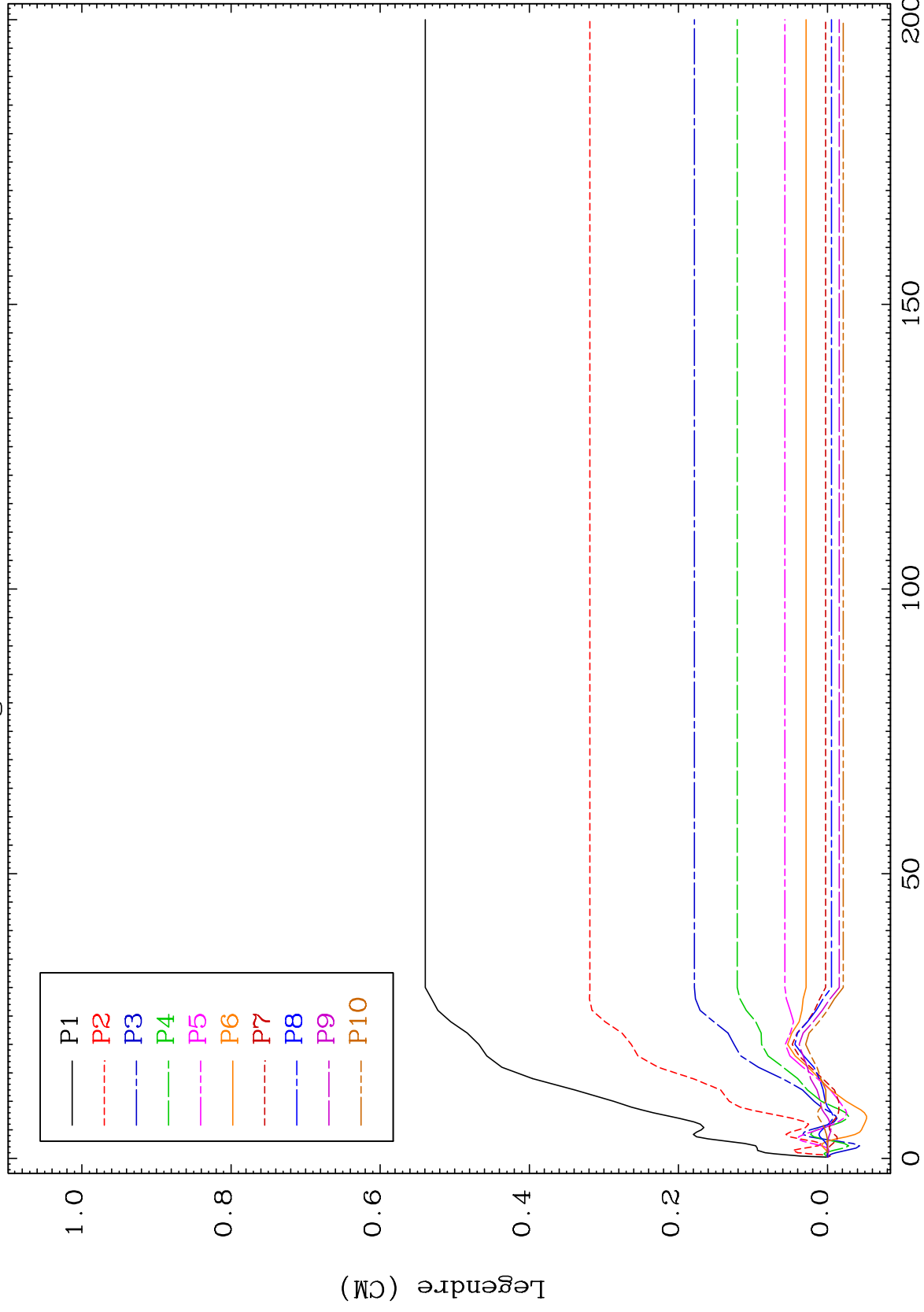
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



32

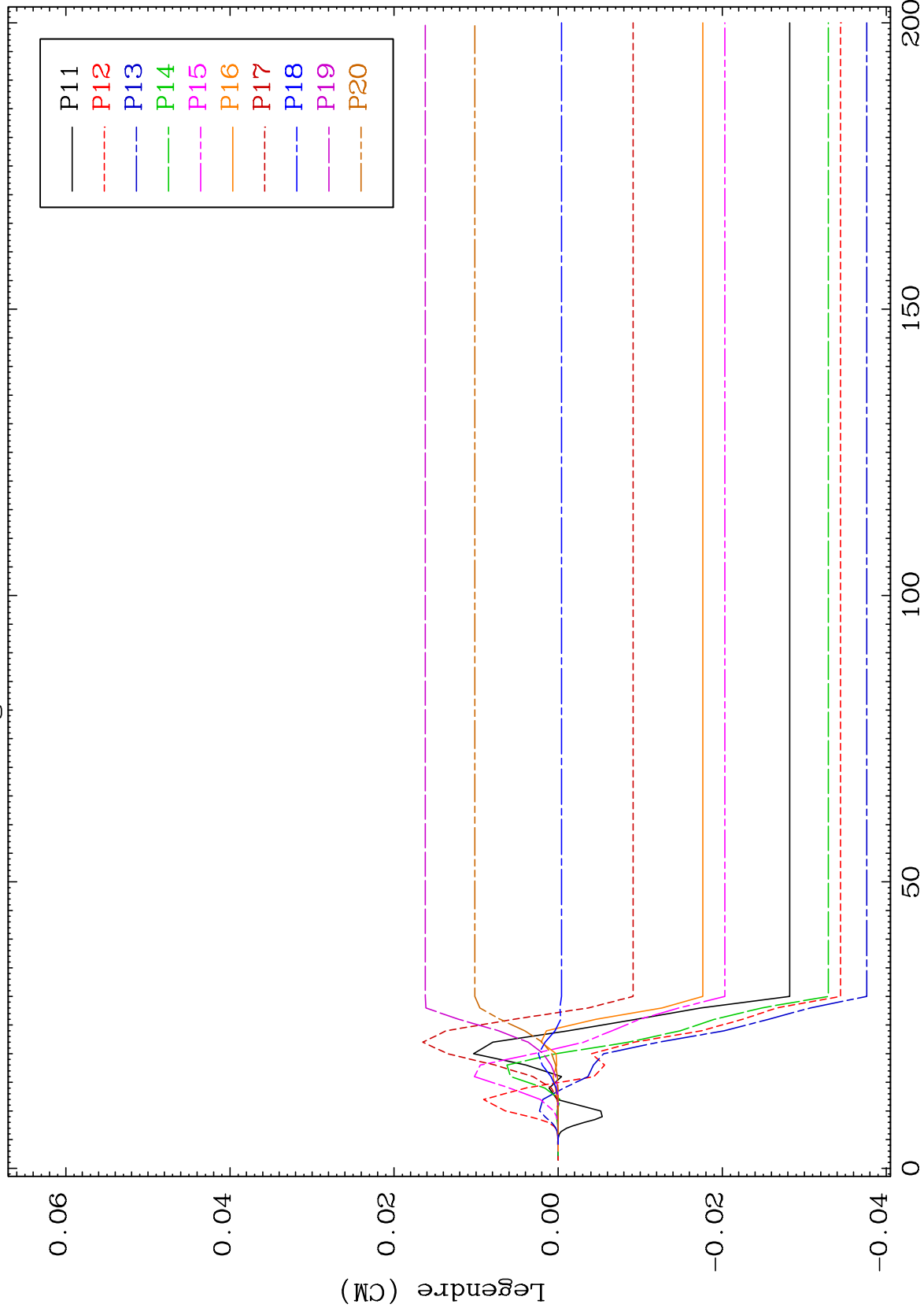
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



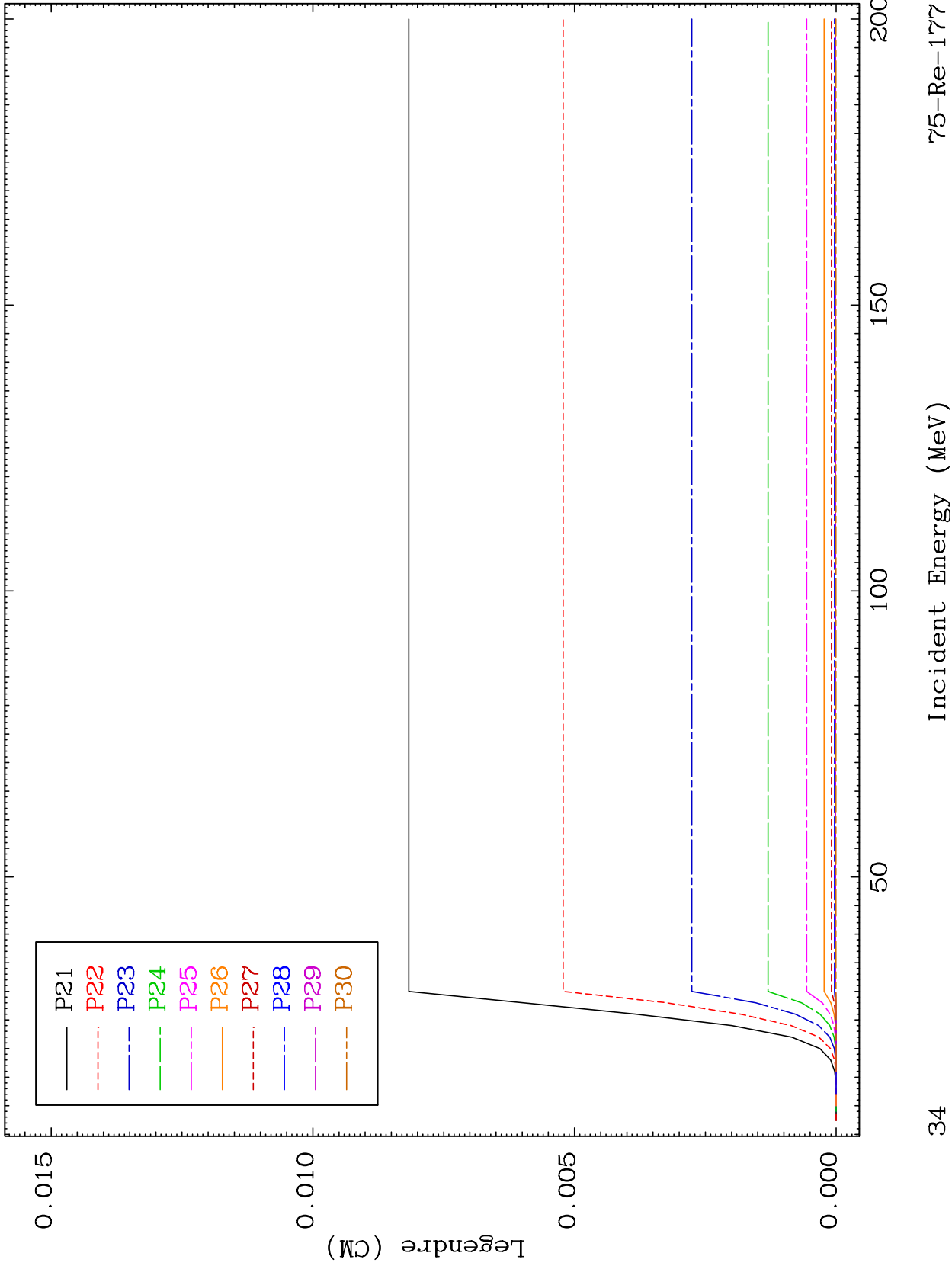
33

75-Re-177

MAT 7501

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

75-Re-177



34

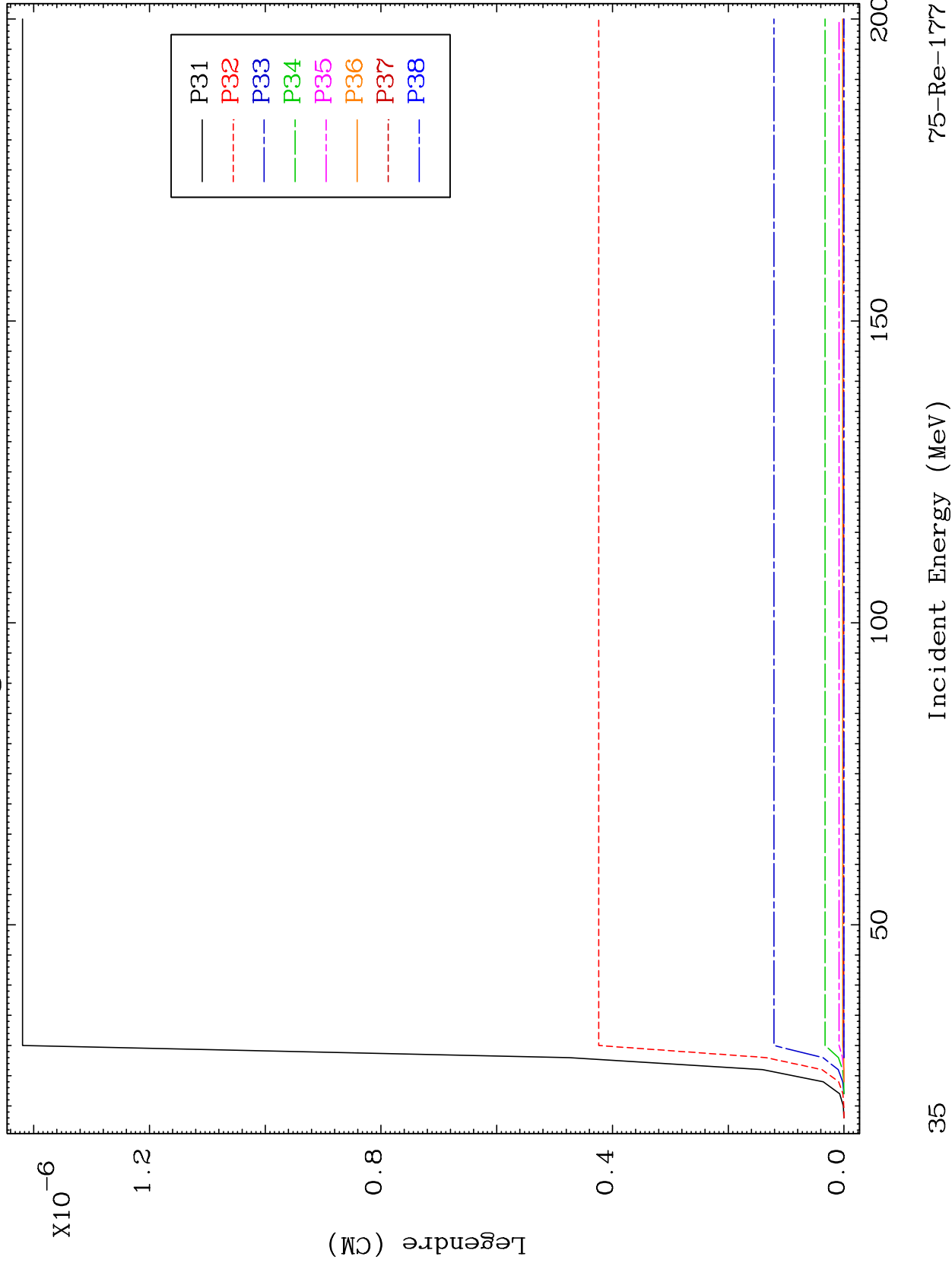
Incident Energy (MeV)

75-Re-177

MAT 7501

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

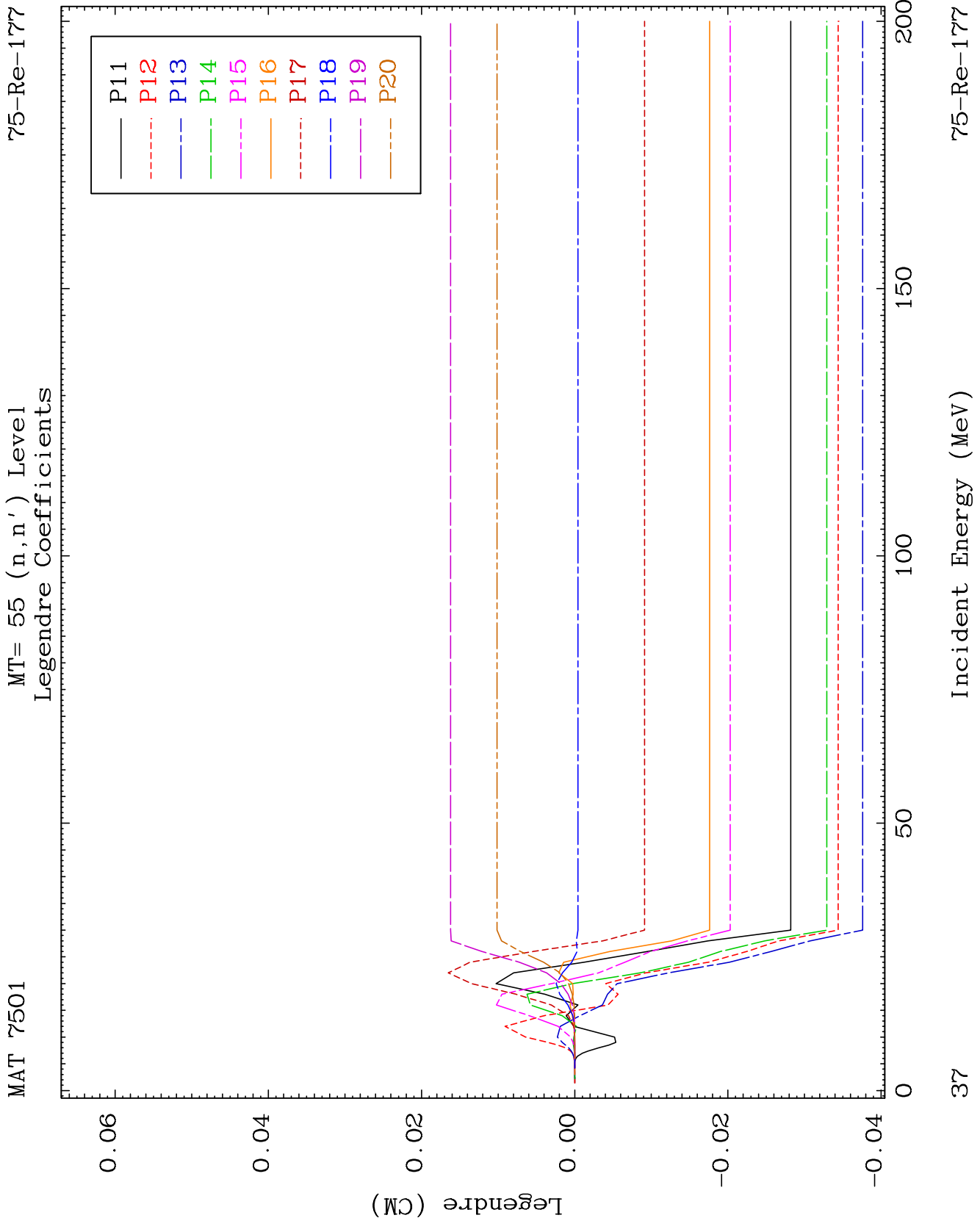
75-Re-177



35

Incident Energy (MeV)

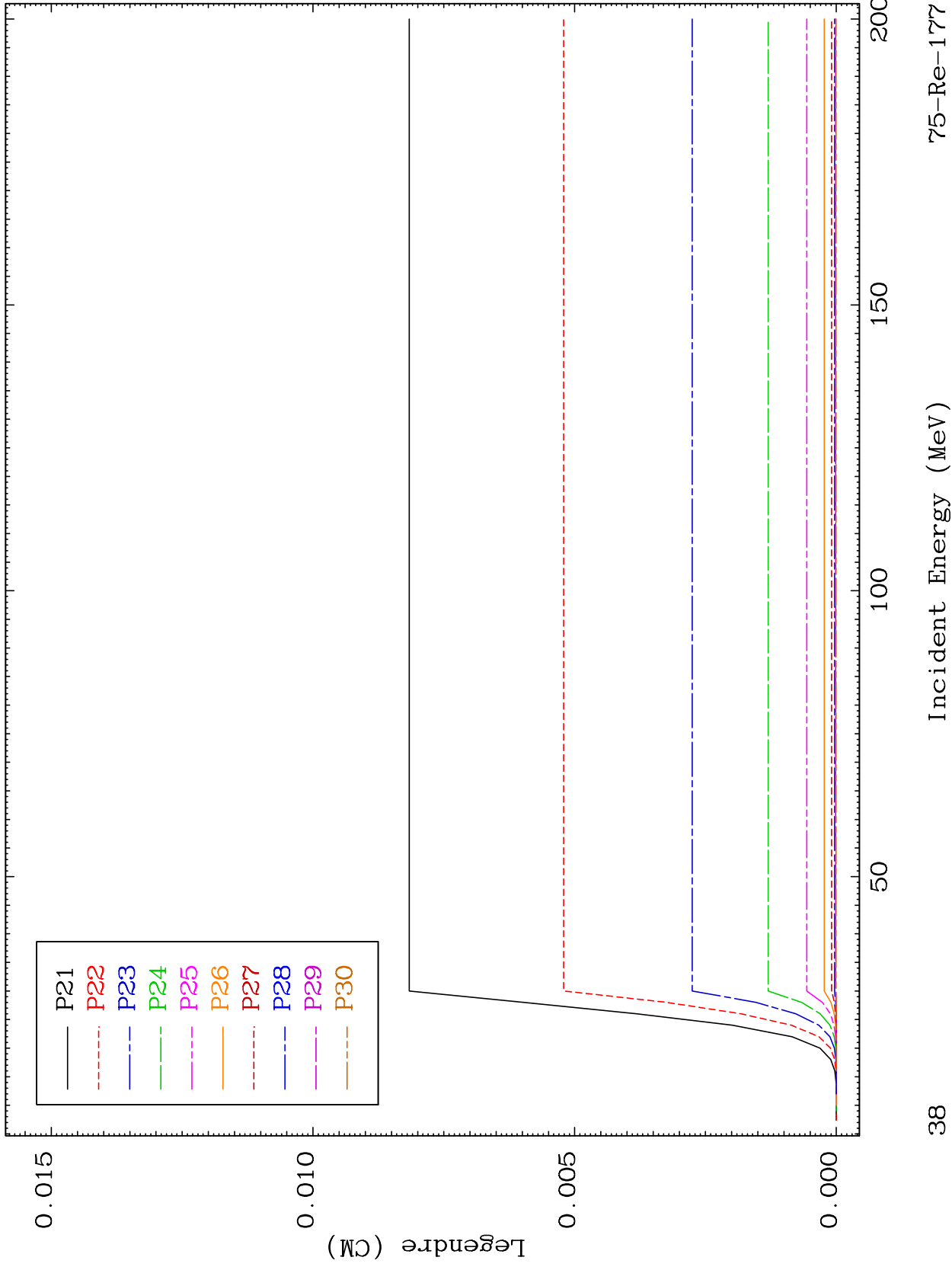
75-Re-177



MAT 7501

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

75-Re-177



38

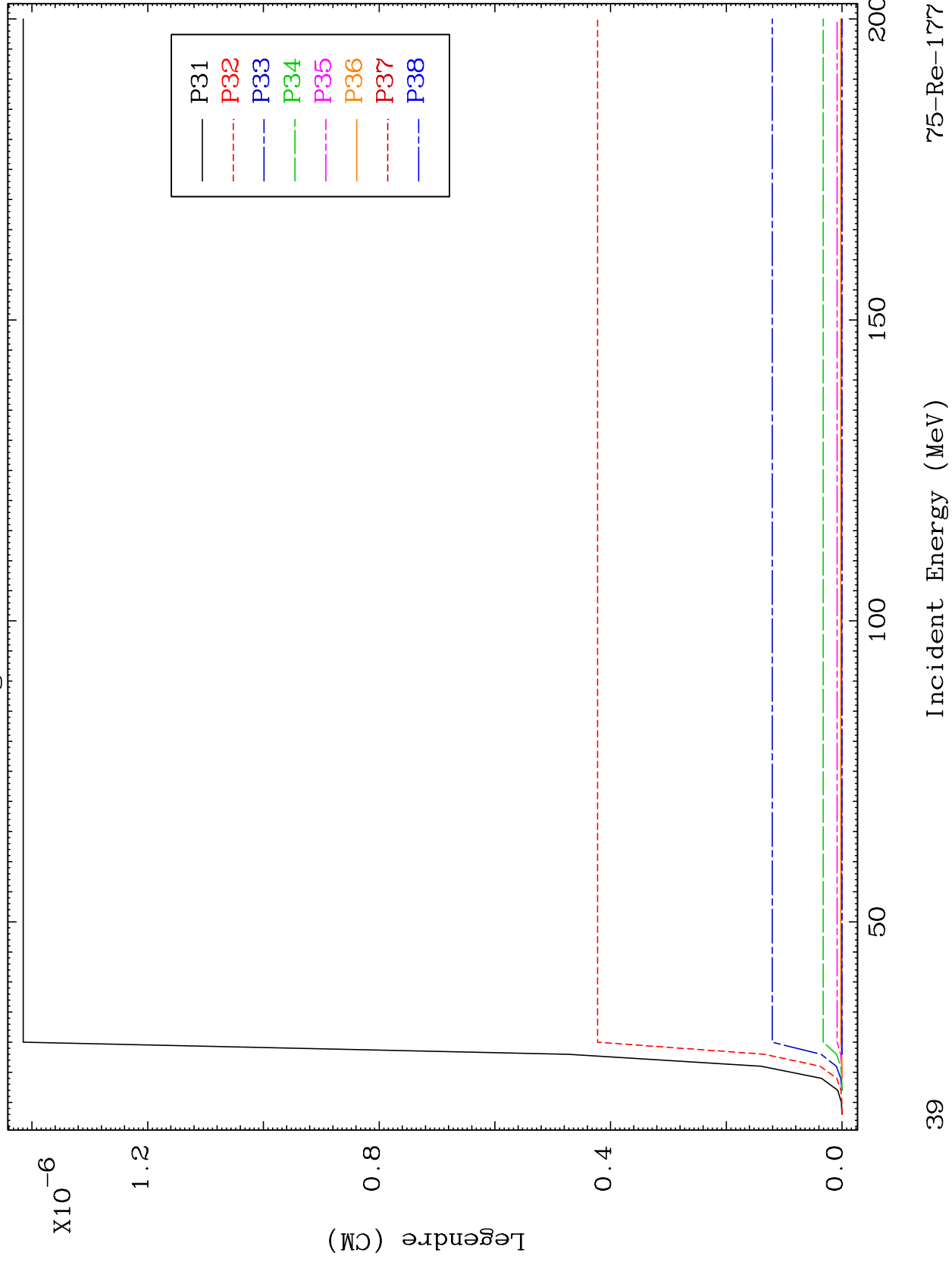
Incident Energy (MeV)

75-Re-177

MAT 7501

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

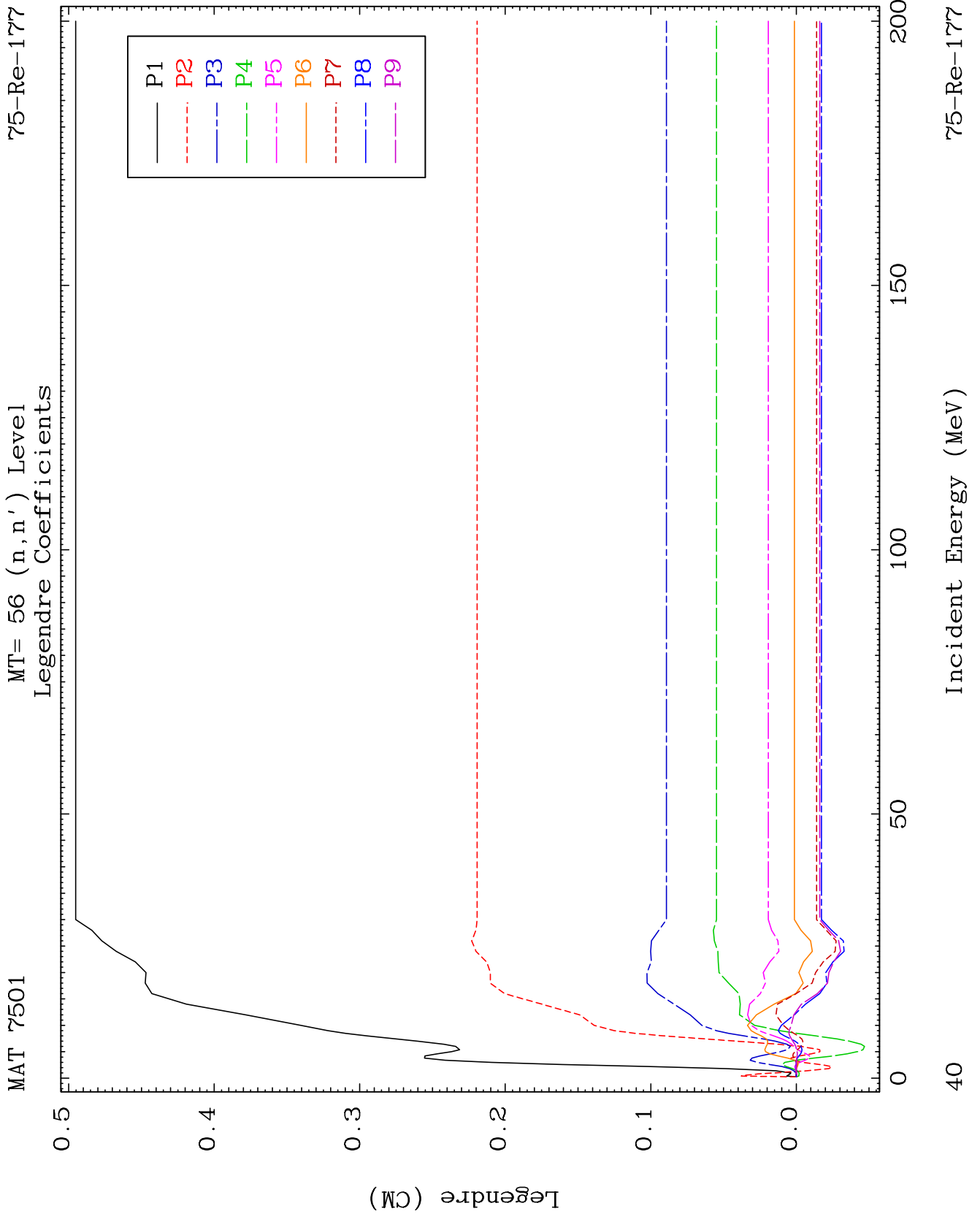
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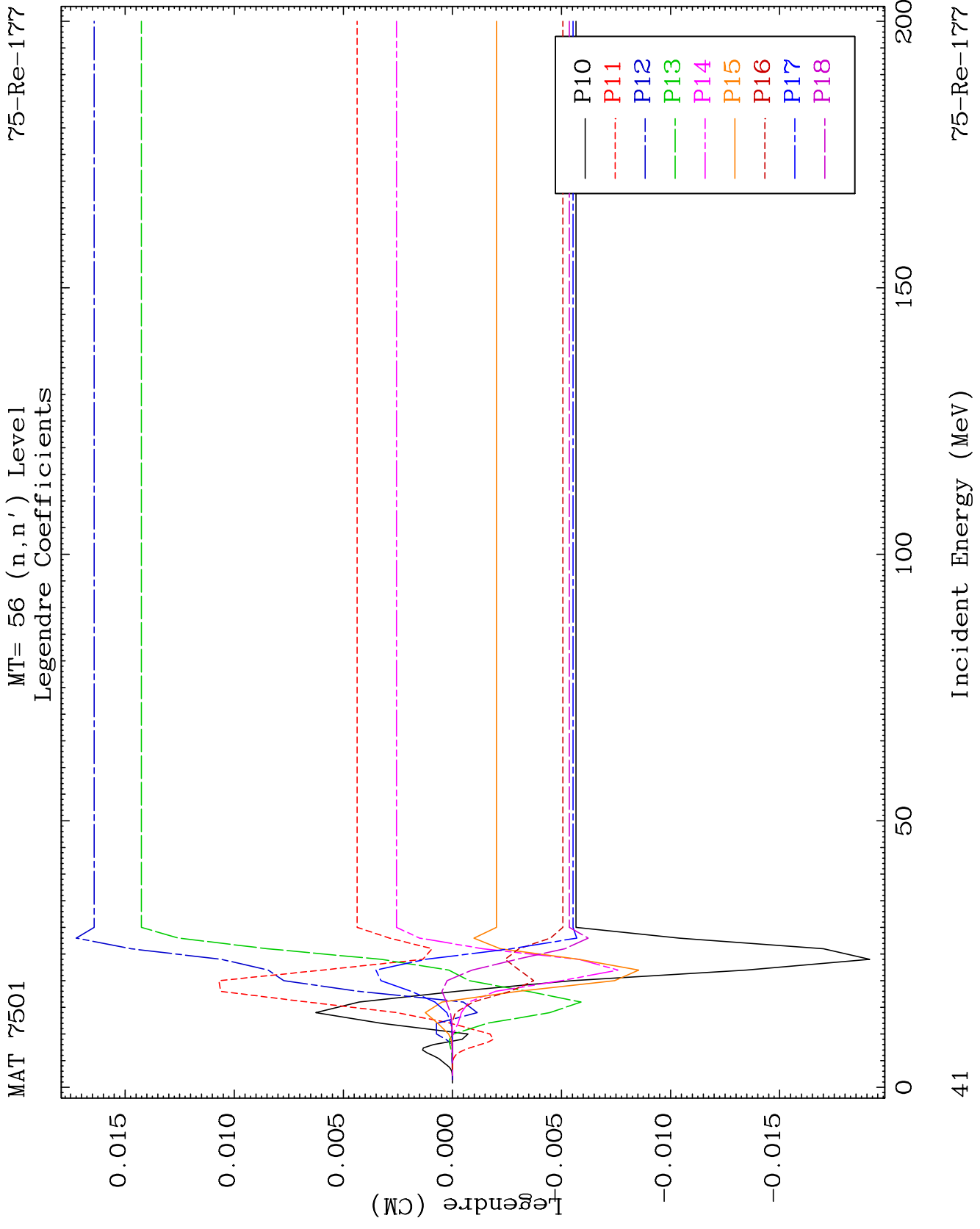


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Incident Energy (MeV)

75-Re-177

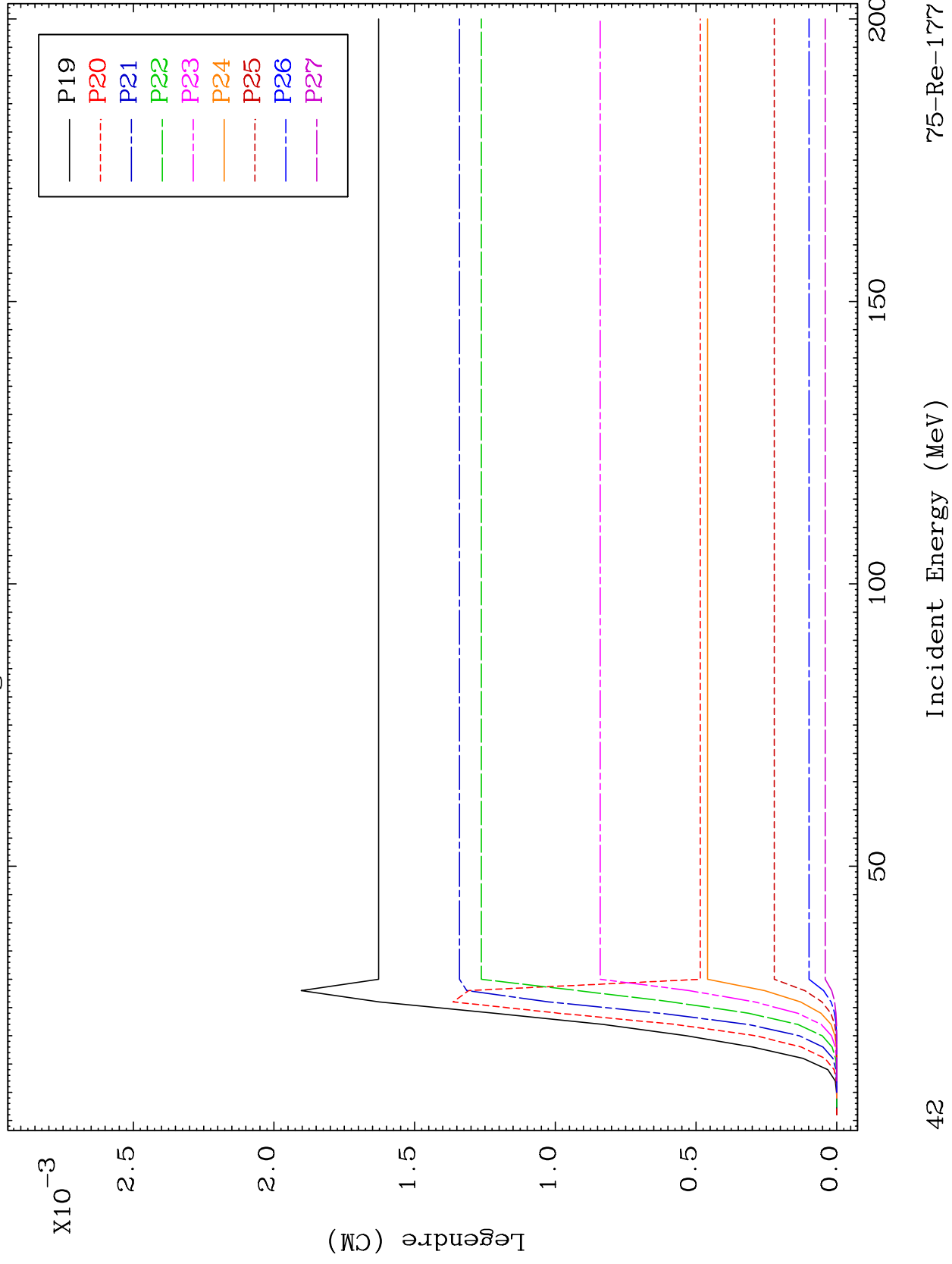




MAT 7501

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

75-Re-177



42

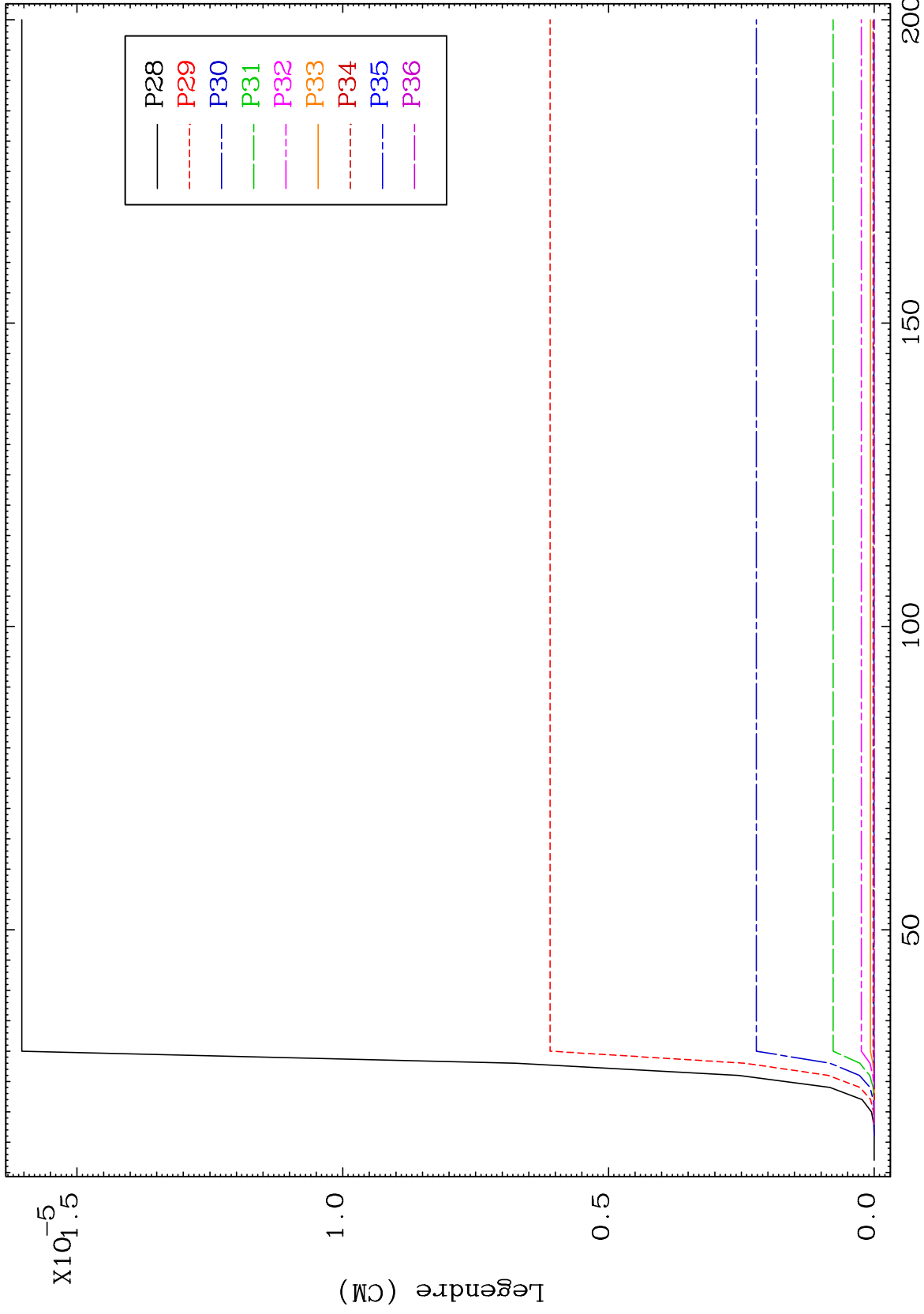
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



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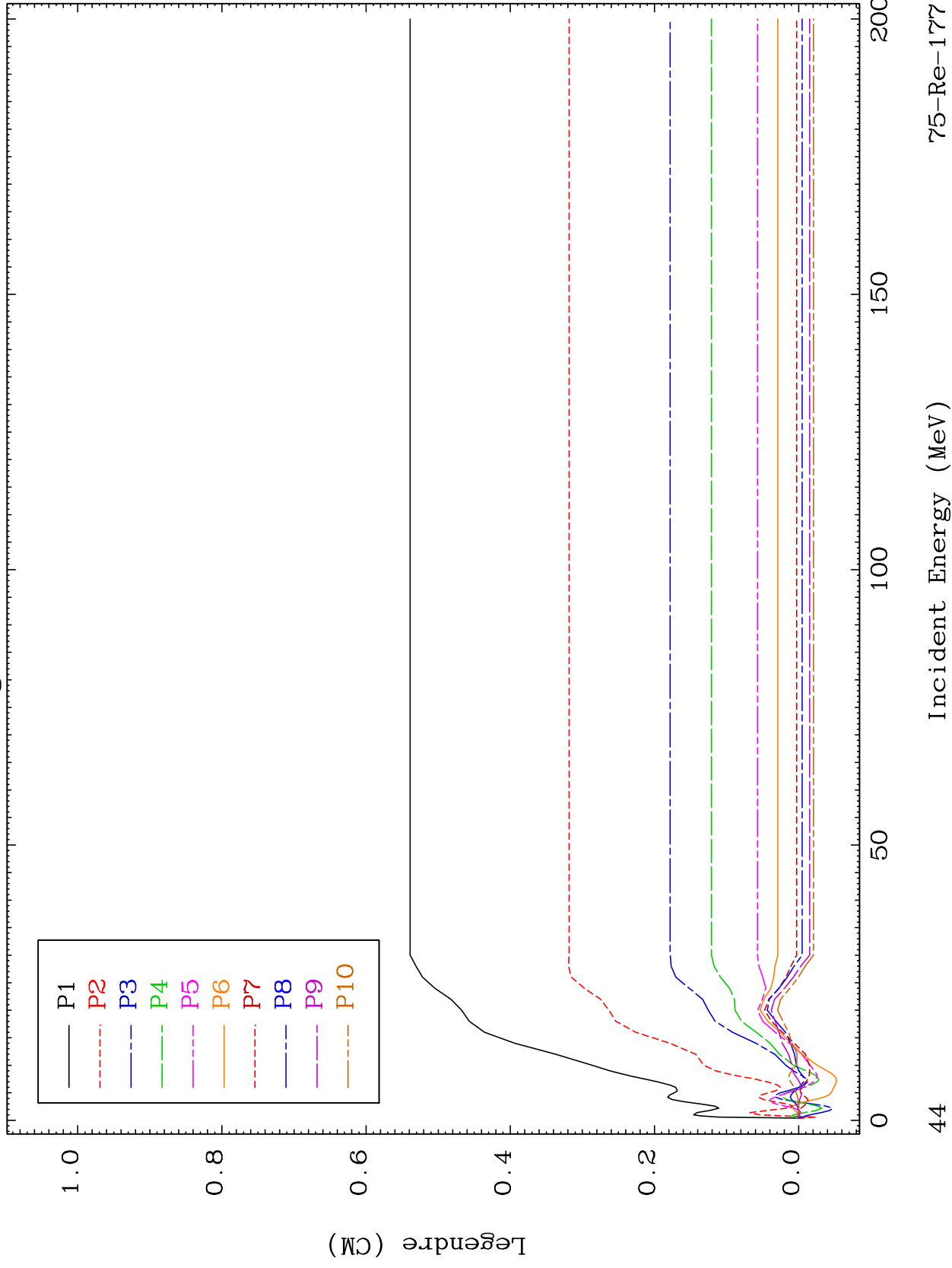
Incident Energy (MeV)

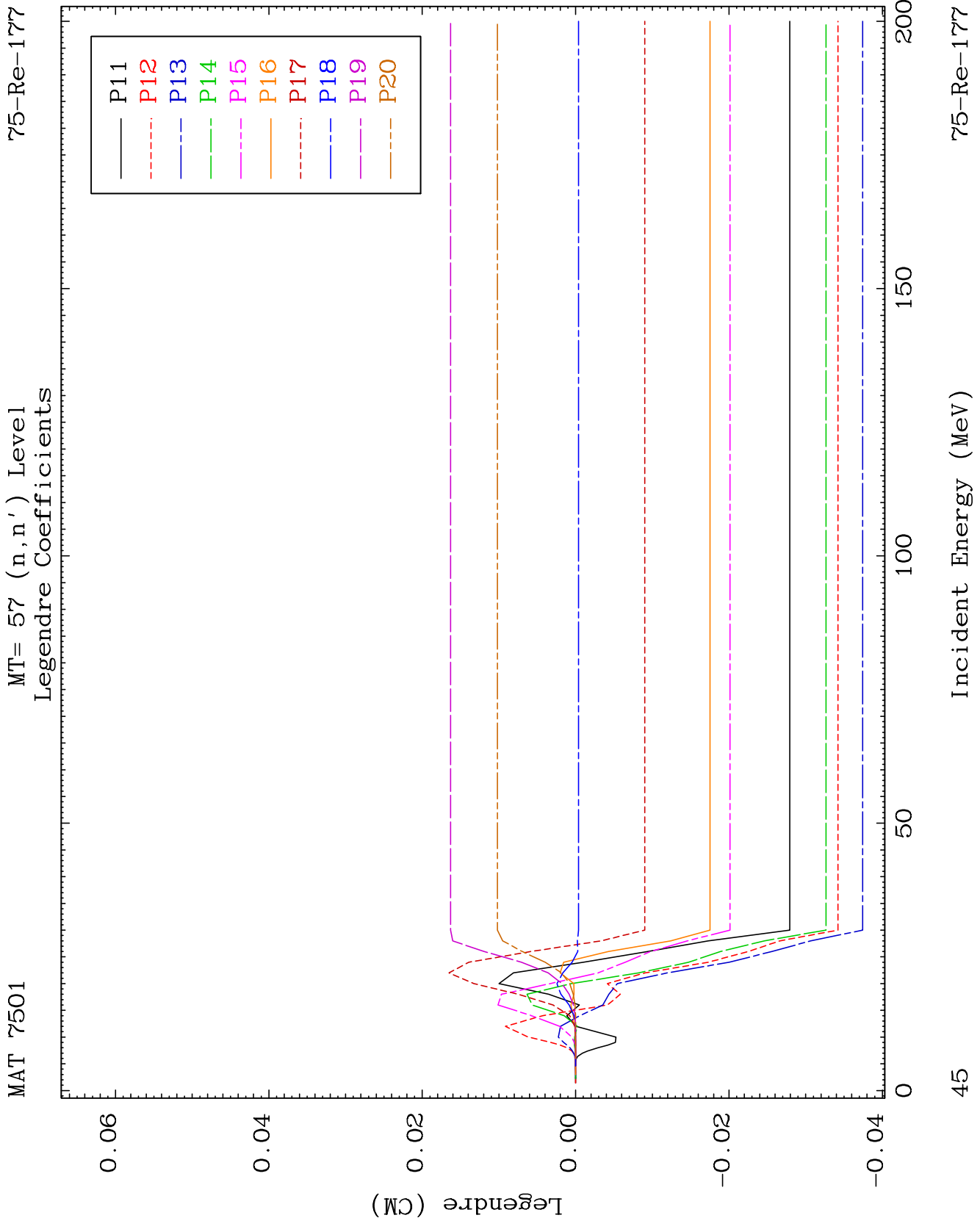
75-Re-177

MAT 7501

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

75-Re-177

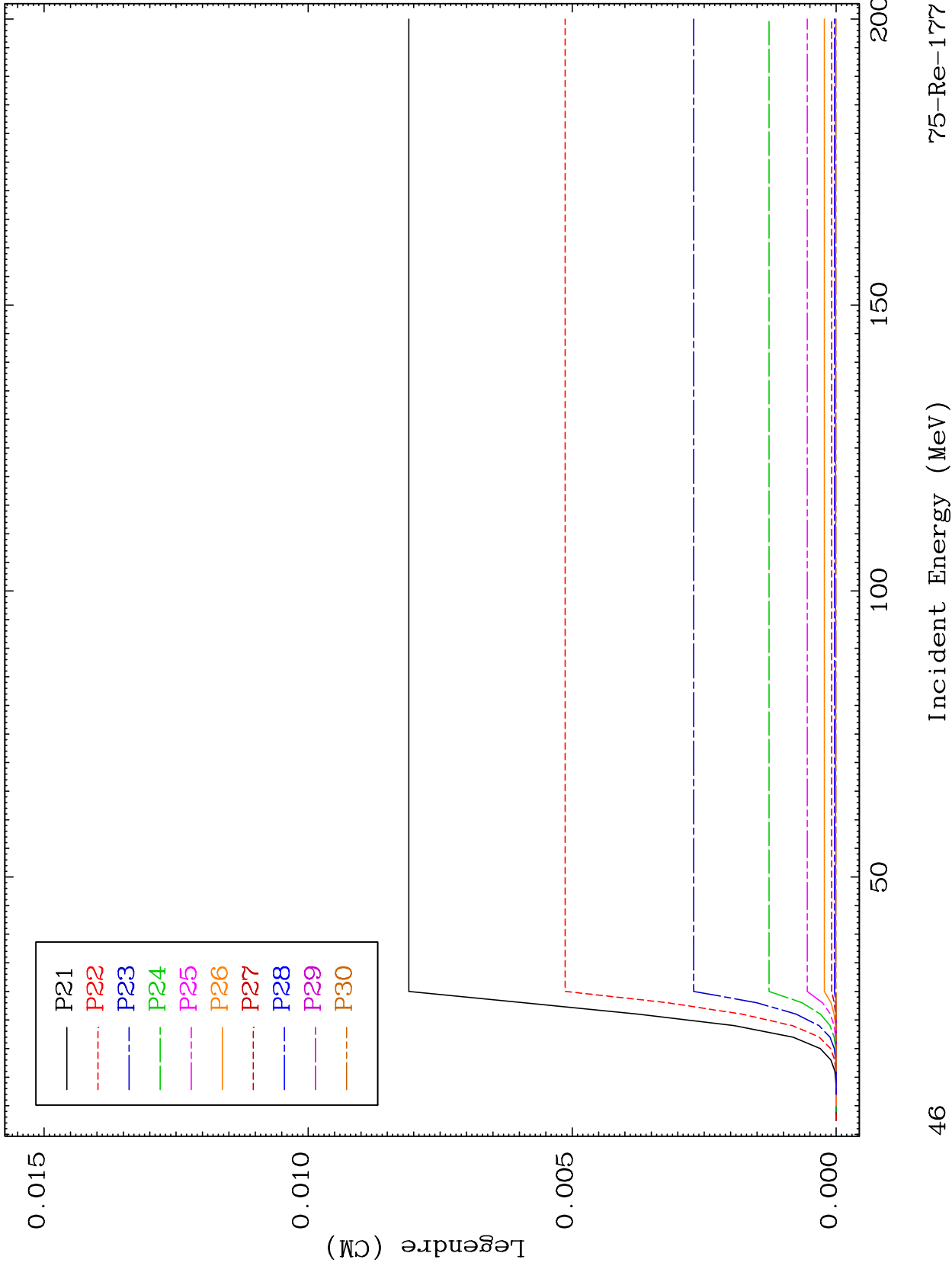




MAT 7501

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

75-Re-177



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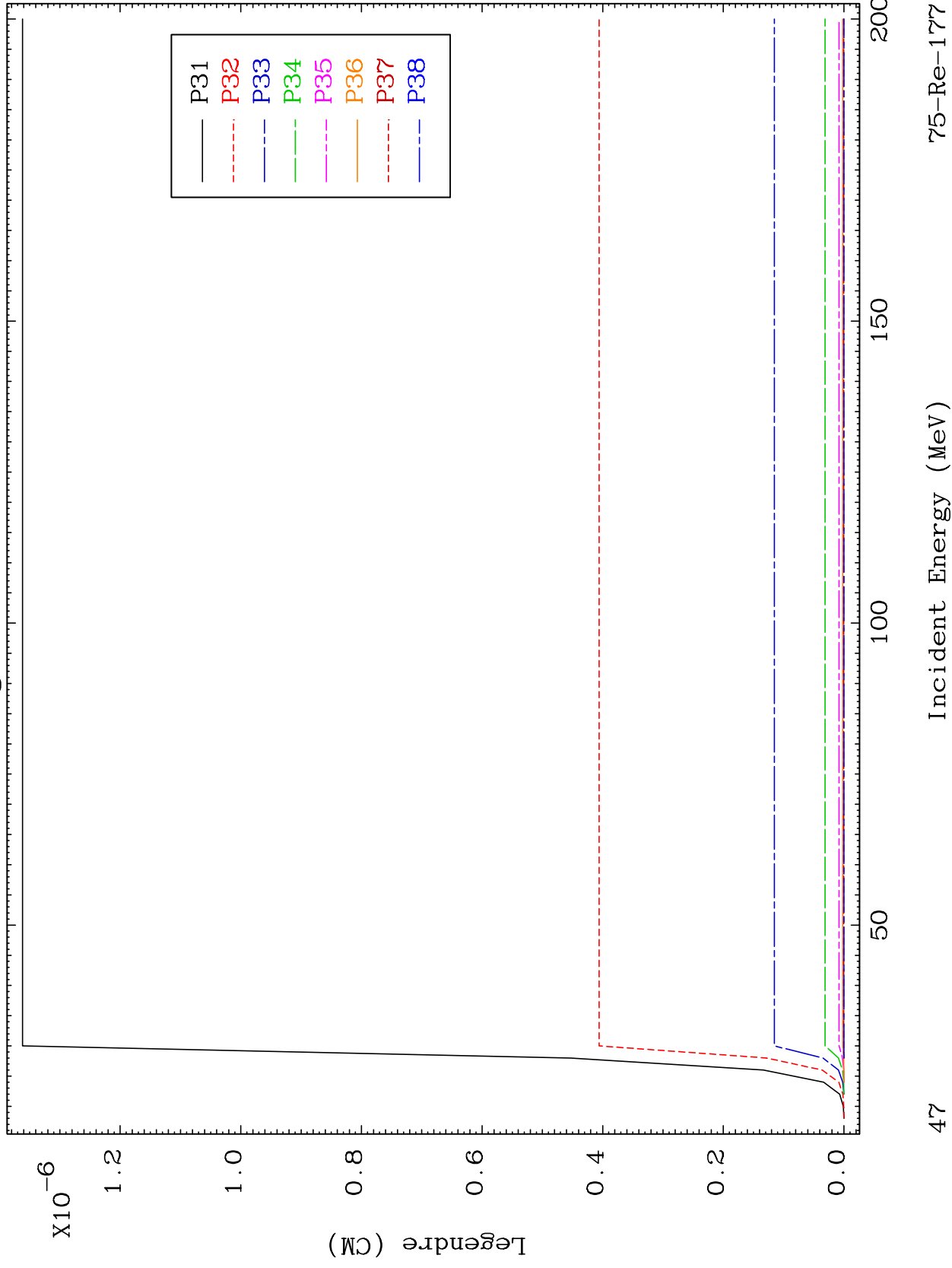
Incident Energy (MeV)

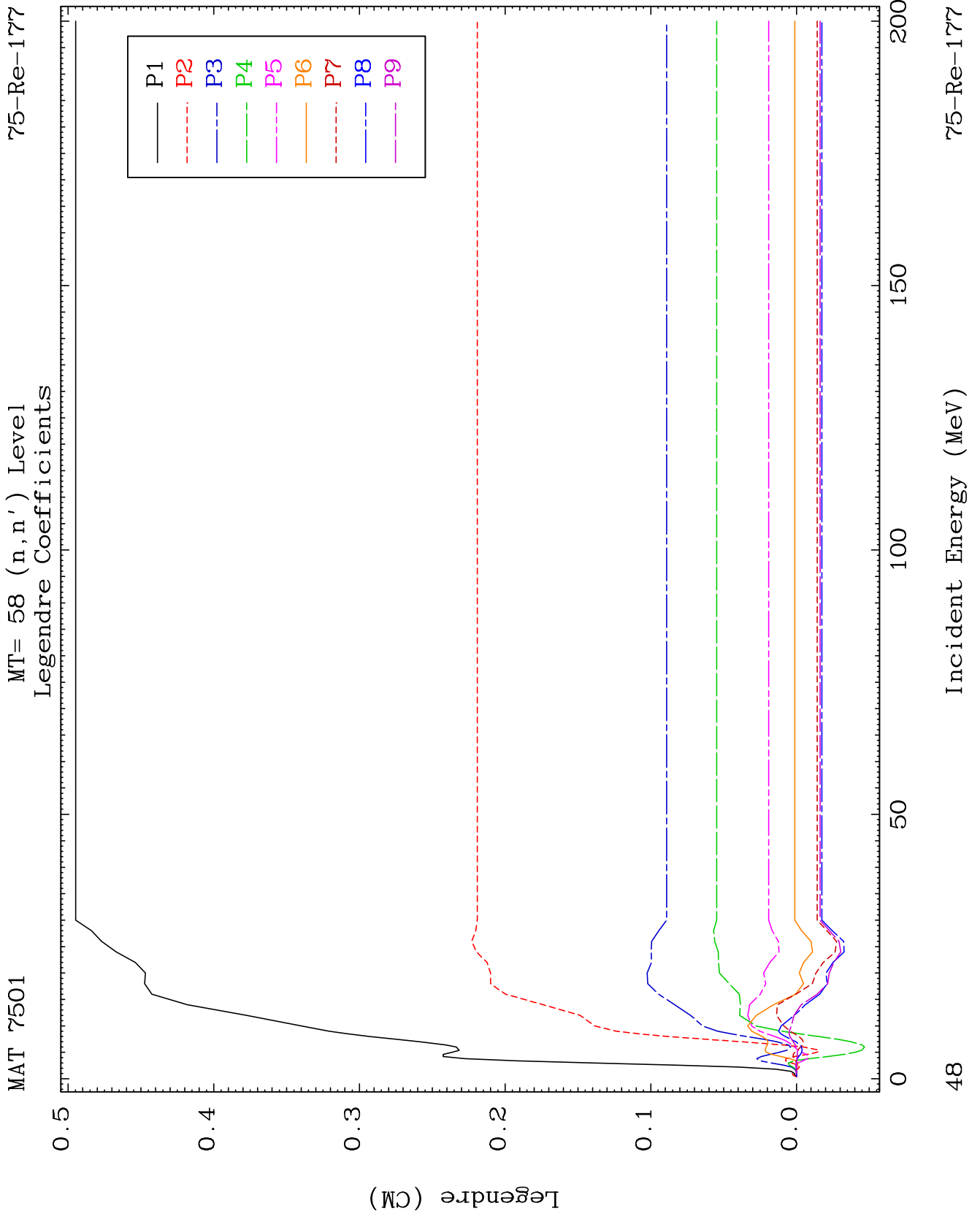
75-Re-177

MAT 7501

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

75-Re-177

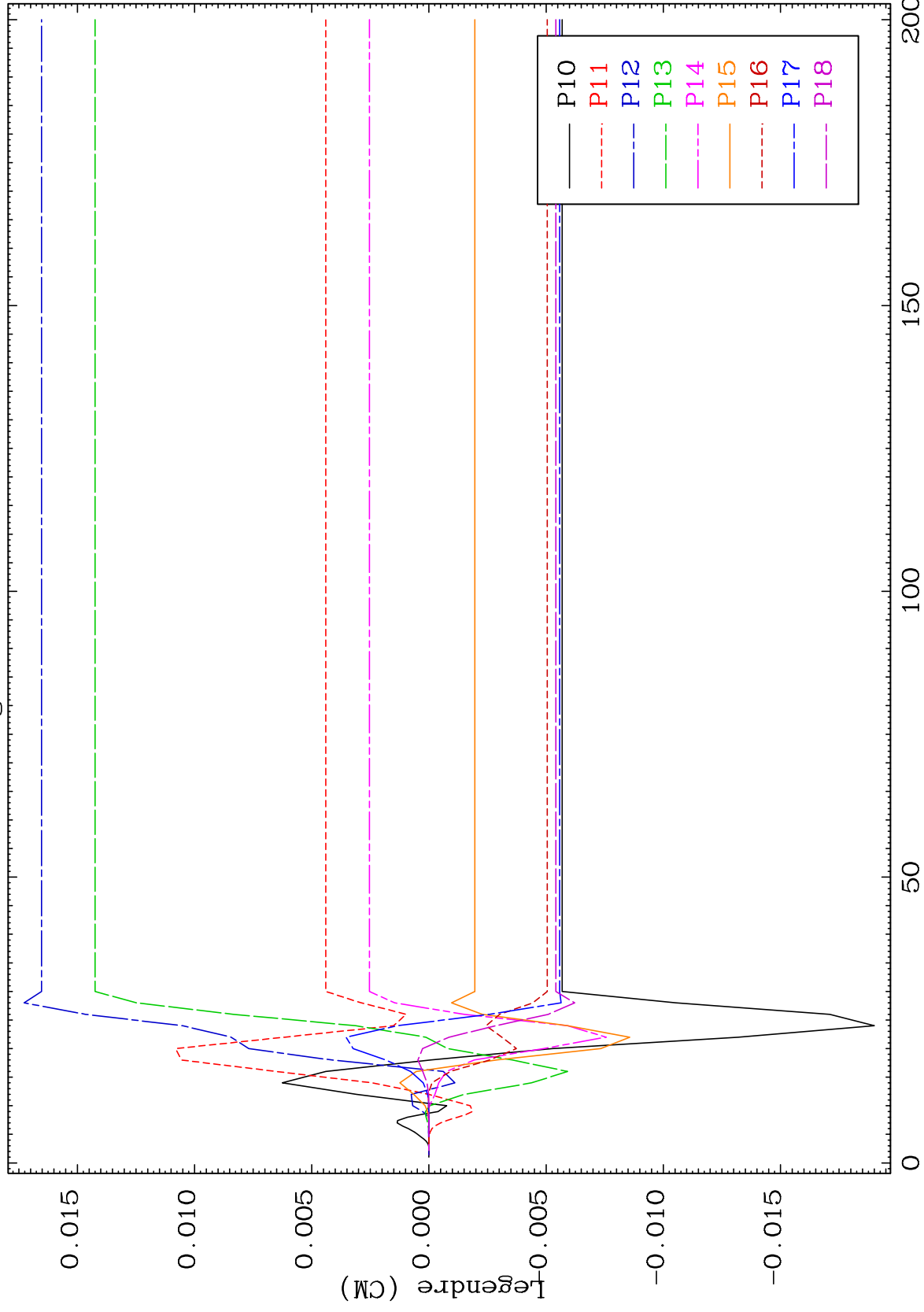




MAT 7501

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

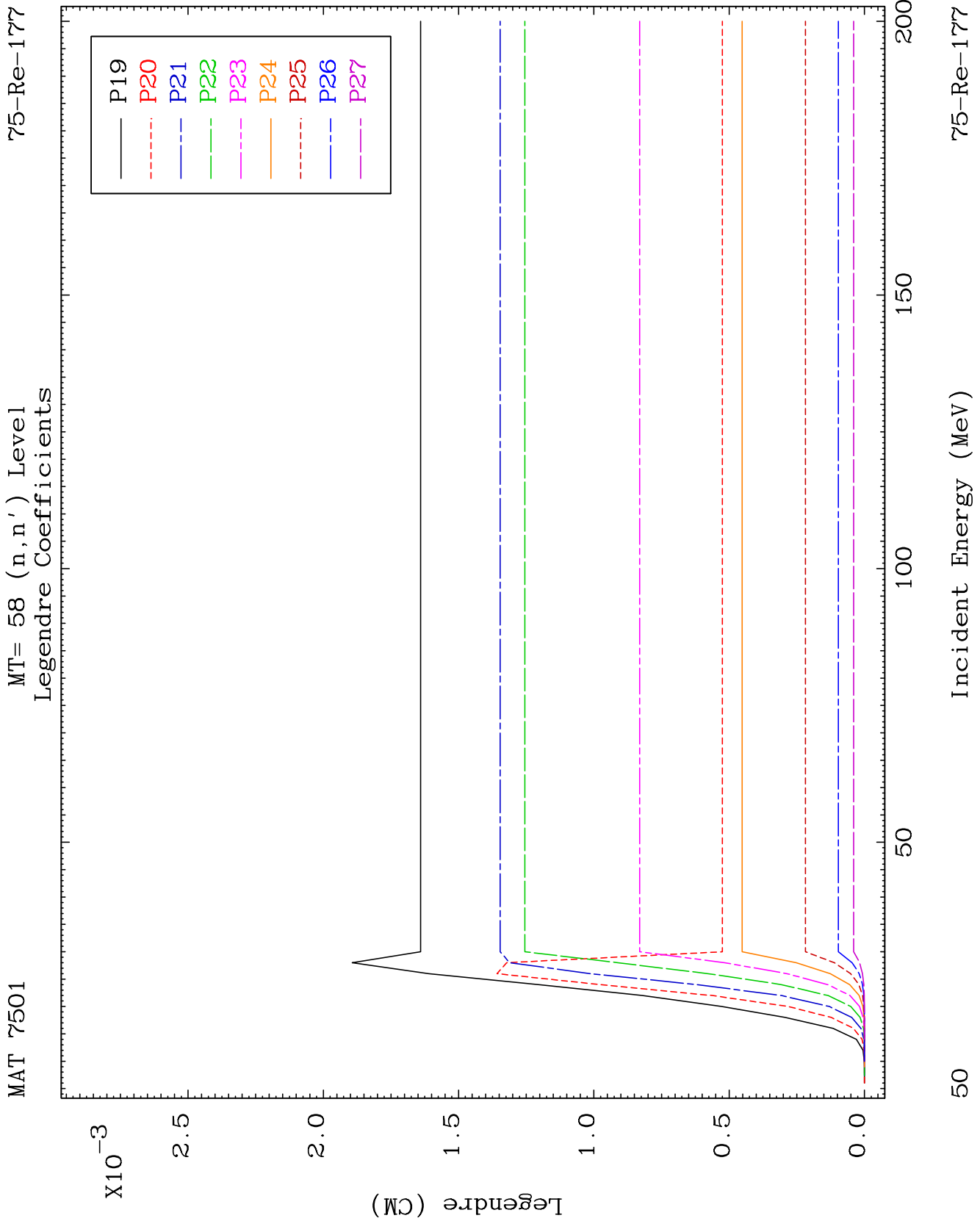
75-Re-177



49

Incident Energy (MeV)

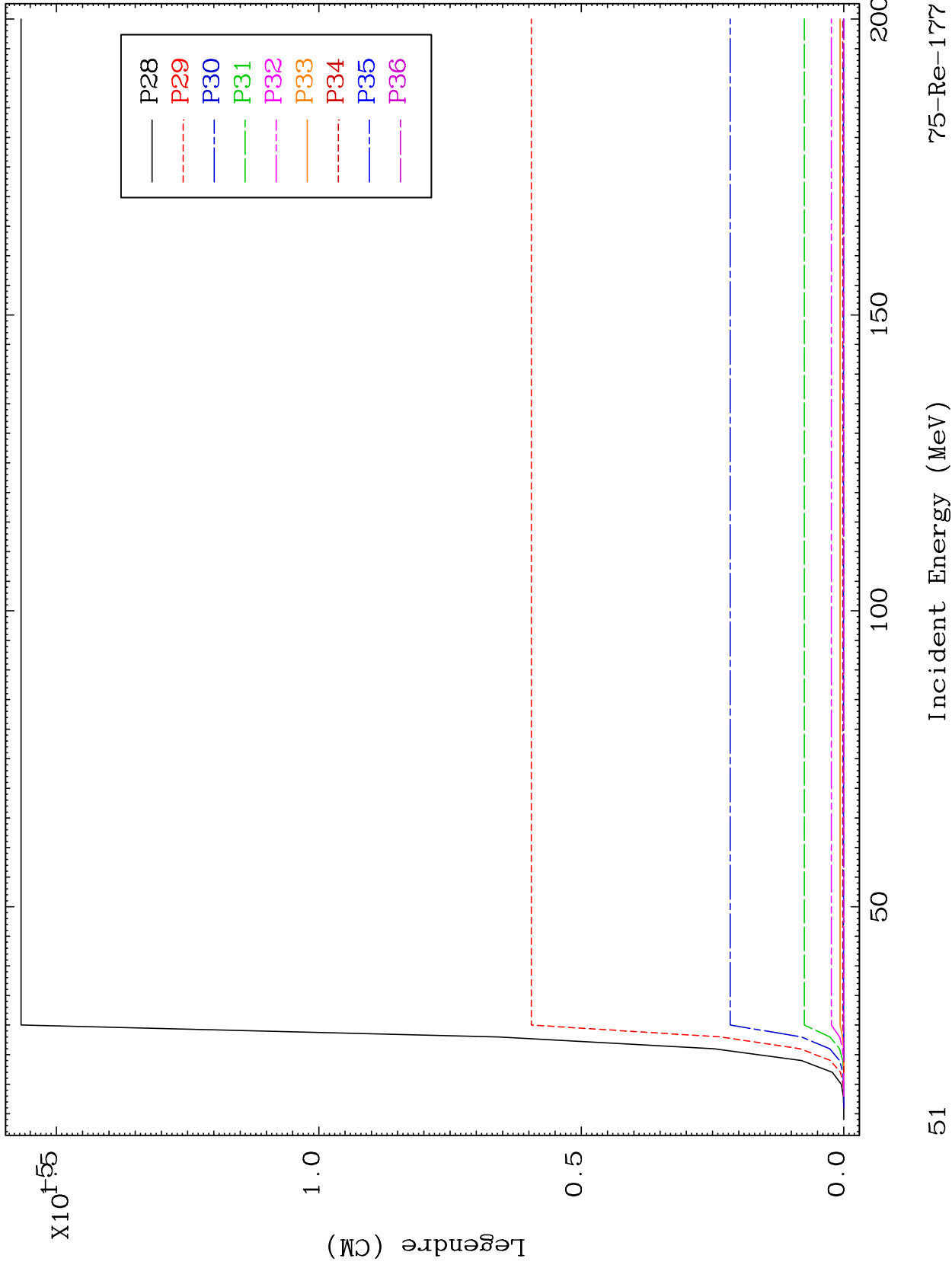
75-Re-177

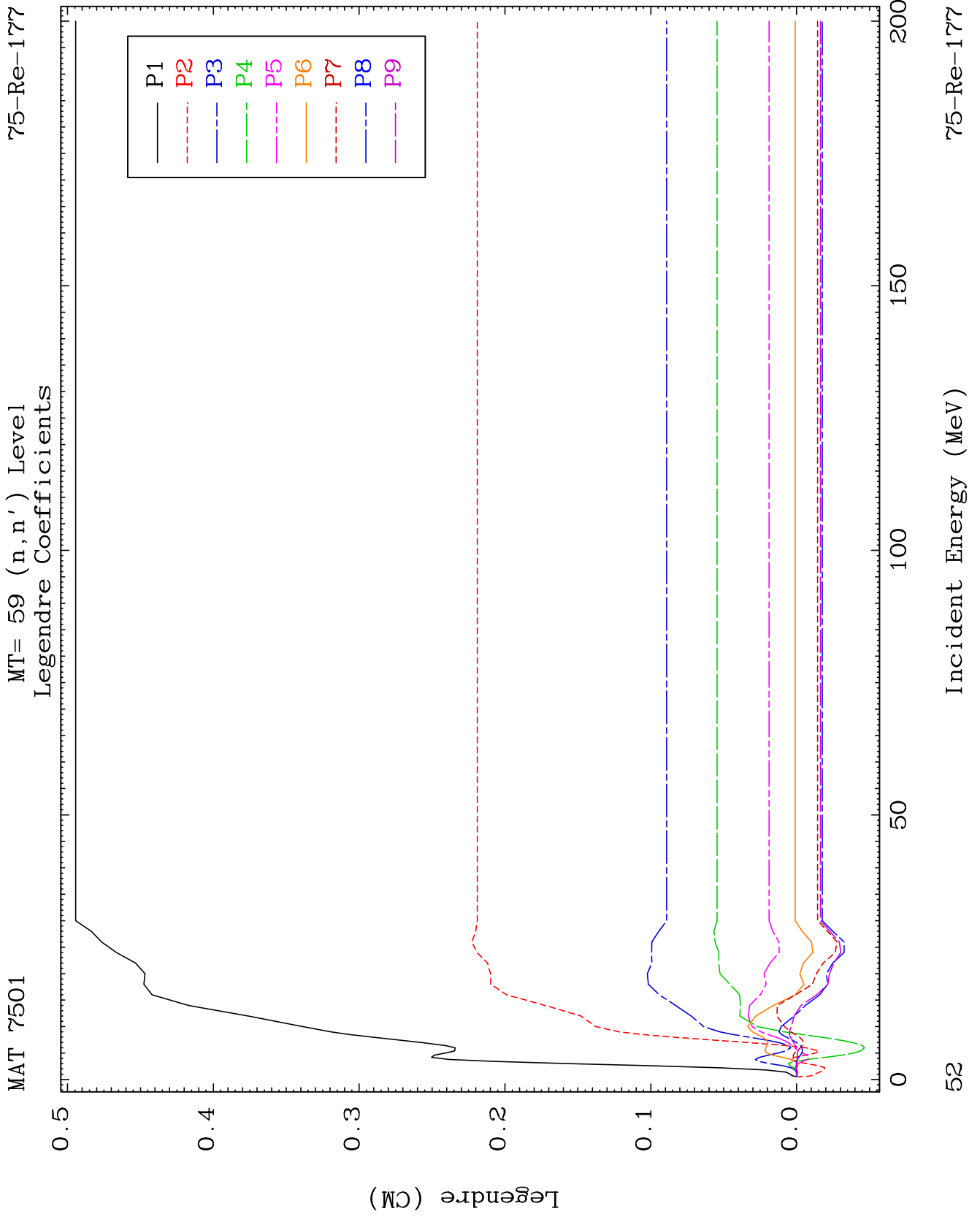


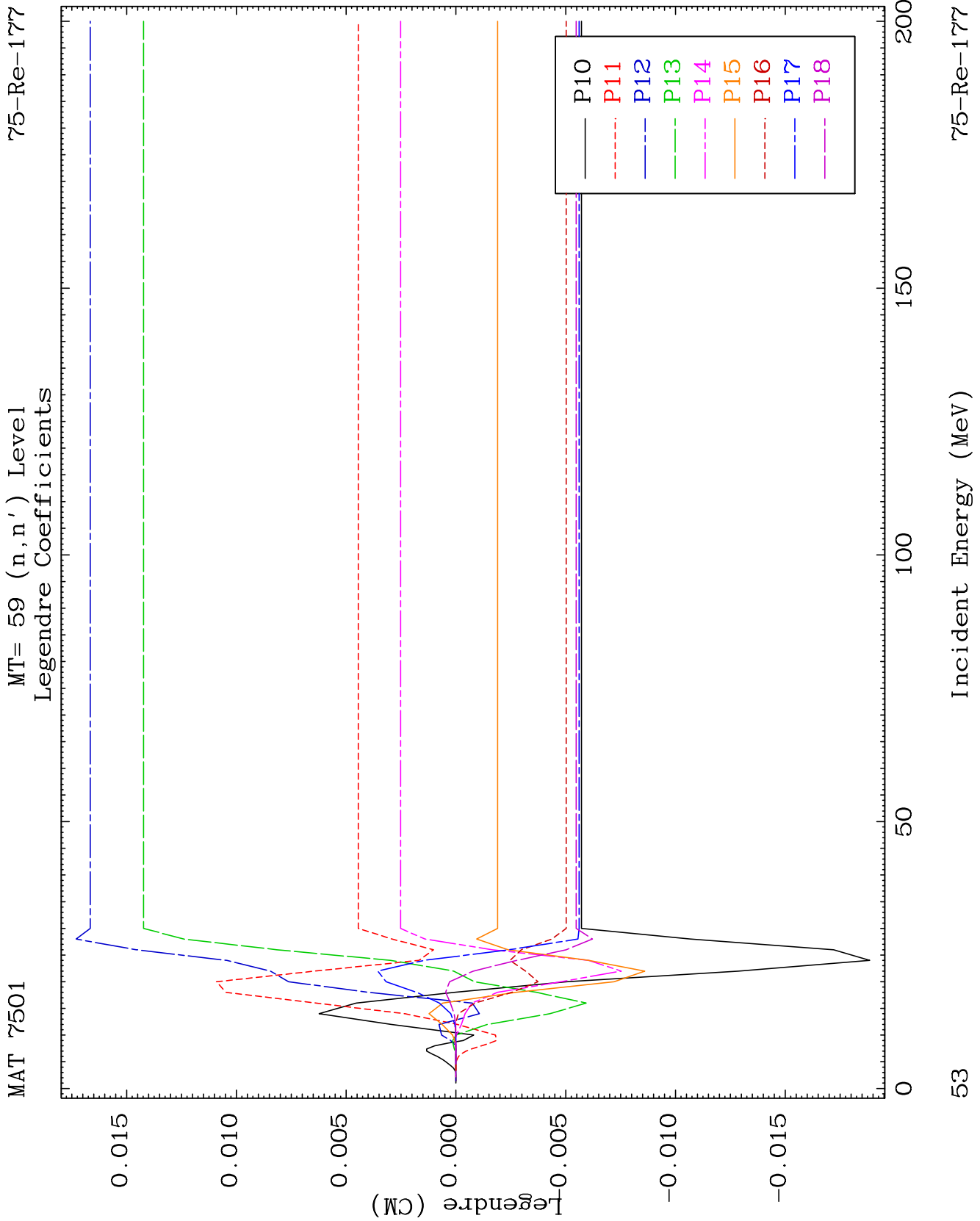
MAT 7501

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

75-Re-177



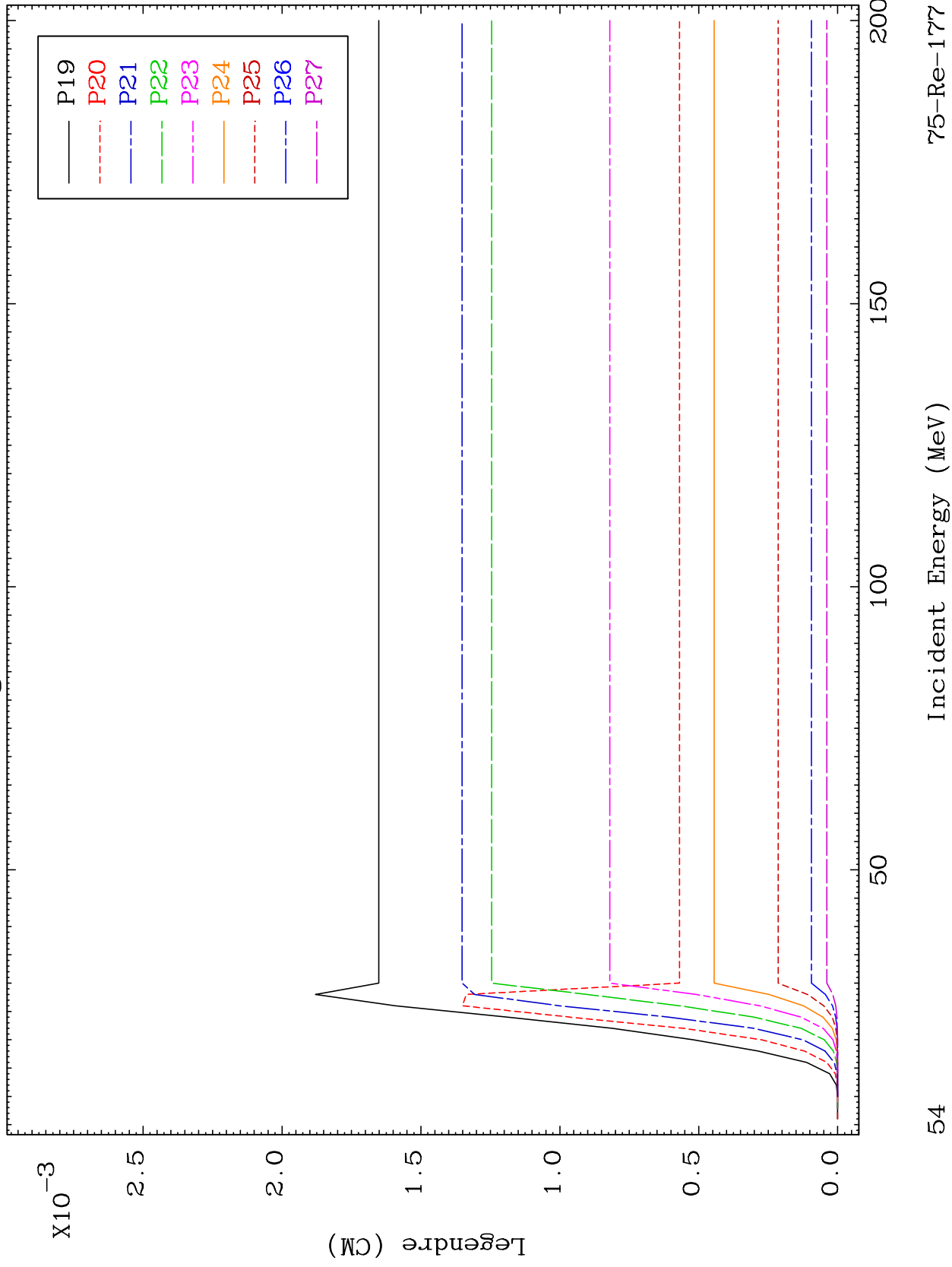


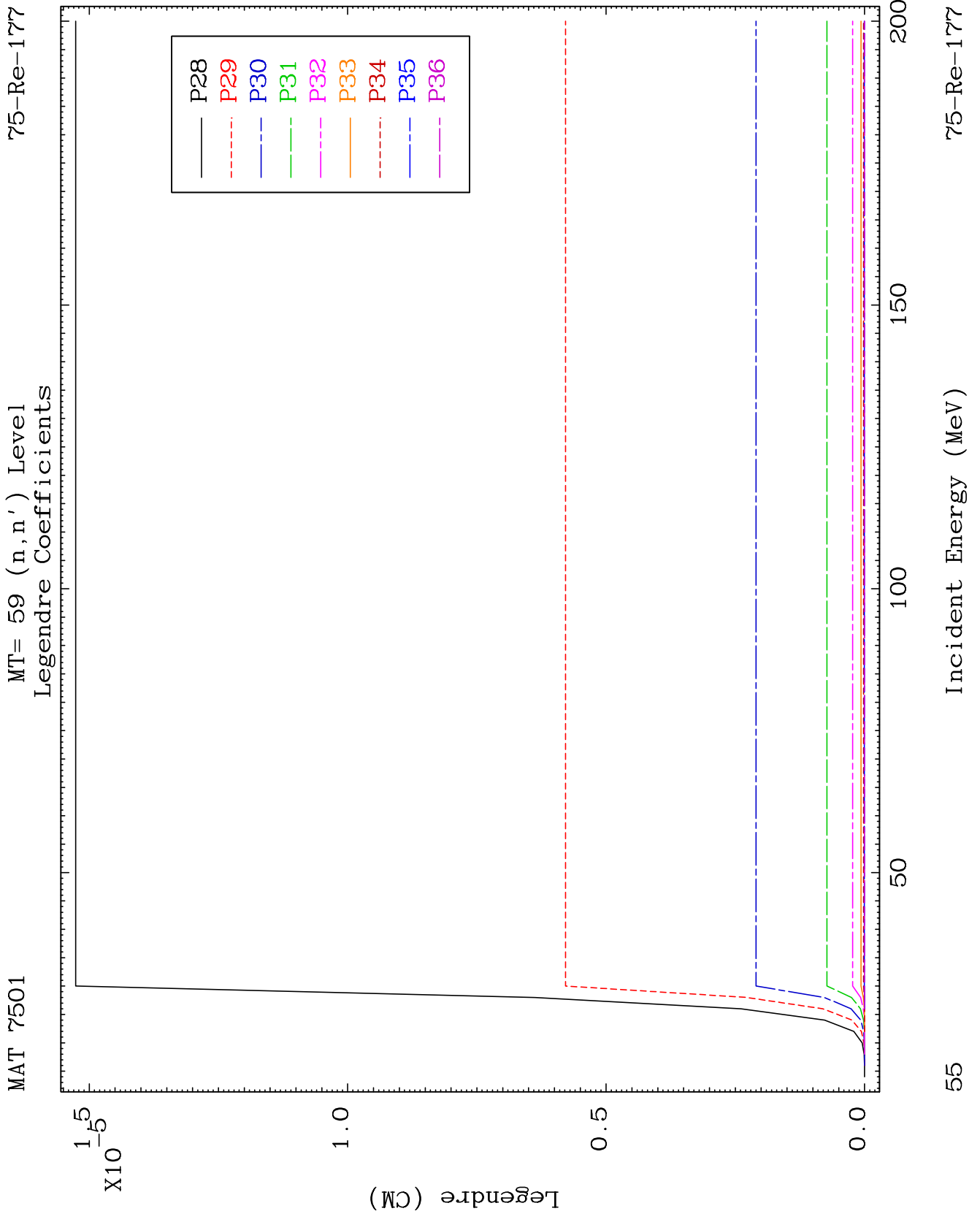


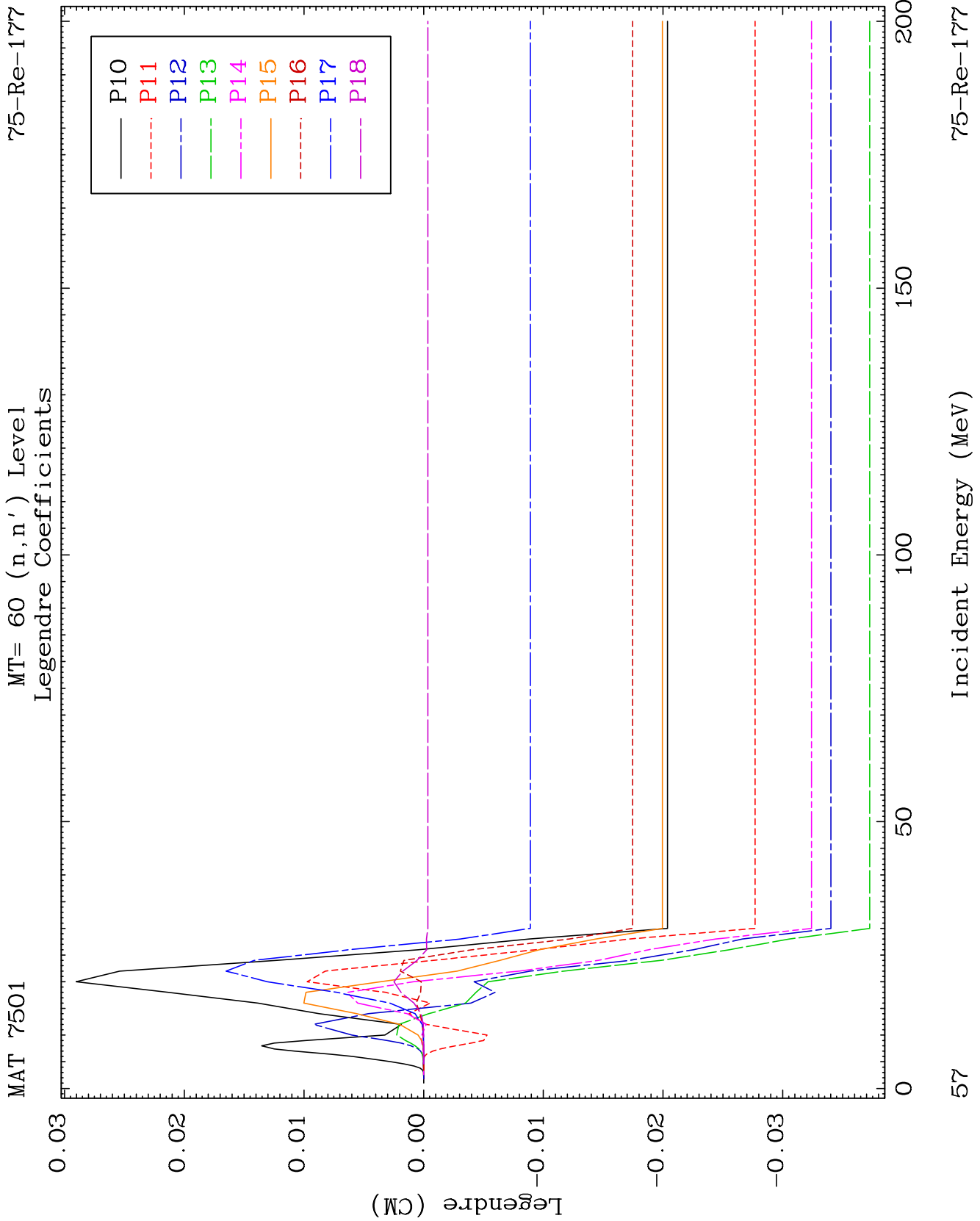
MAT 7501

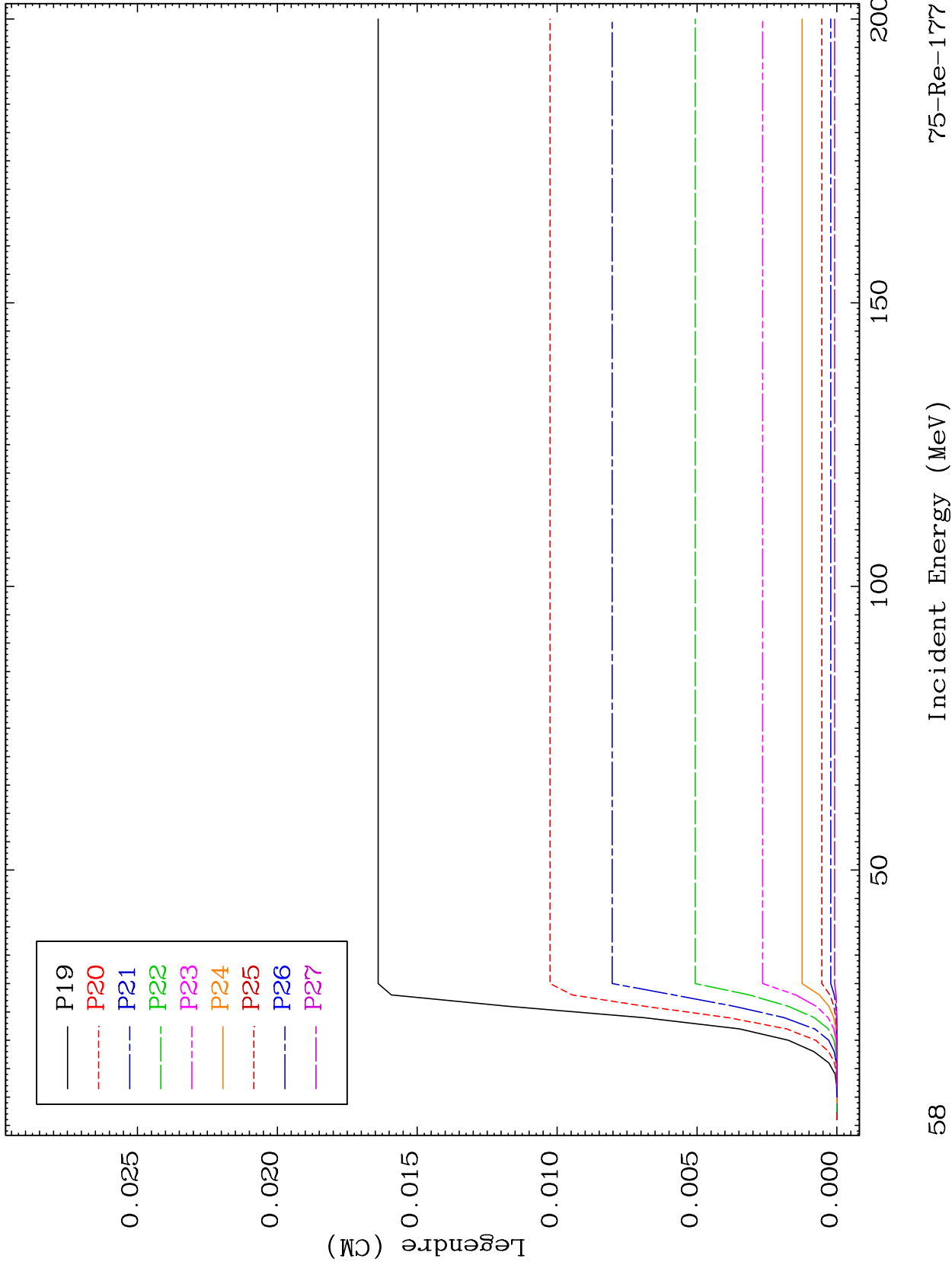
MT= 59 (n,n') Level
Legendre Coefficients

75-Re-177





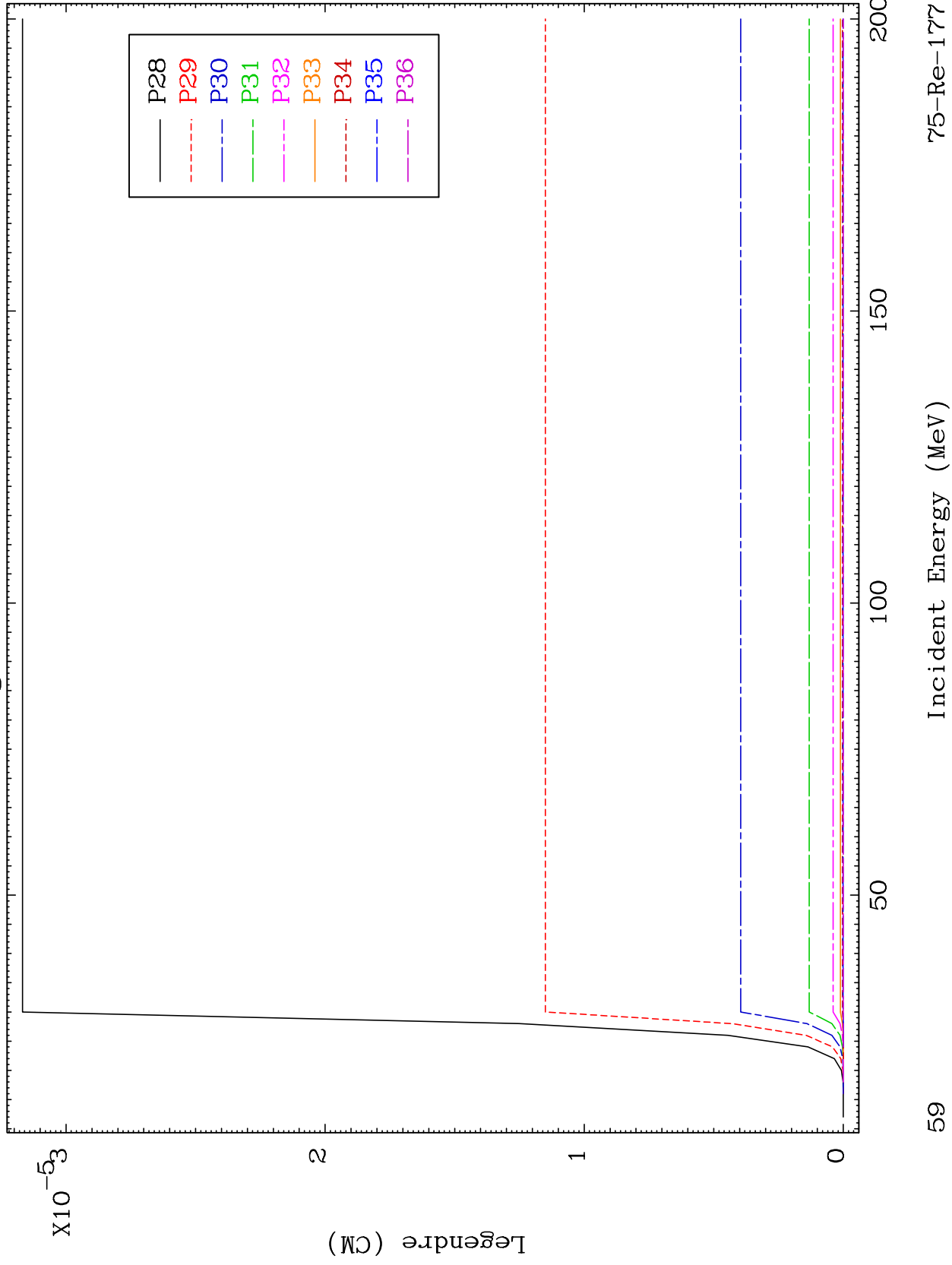




MAT 7501

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

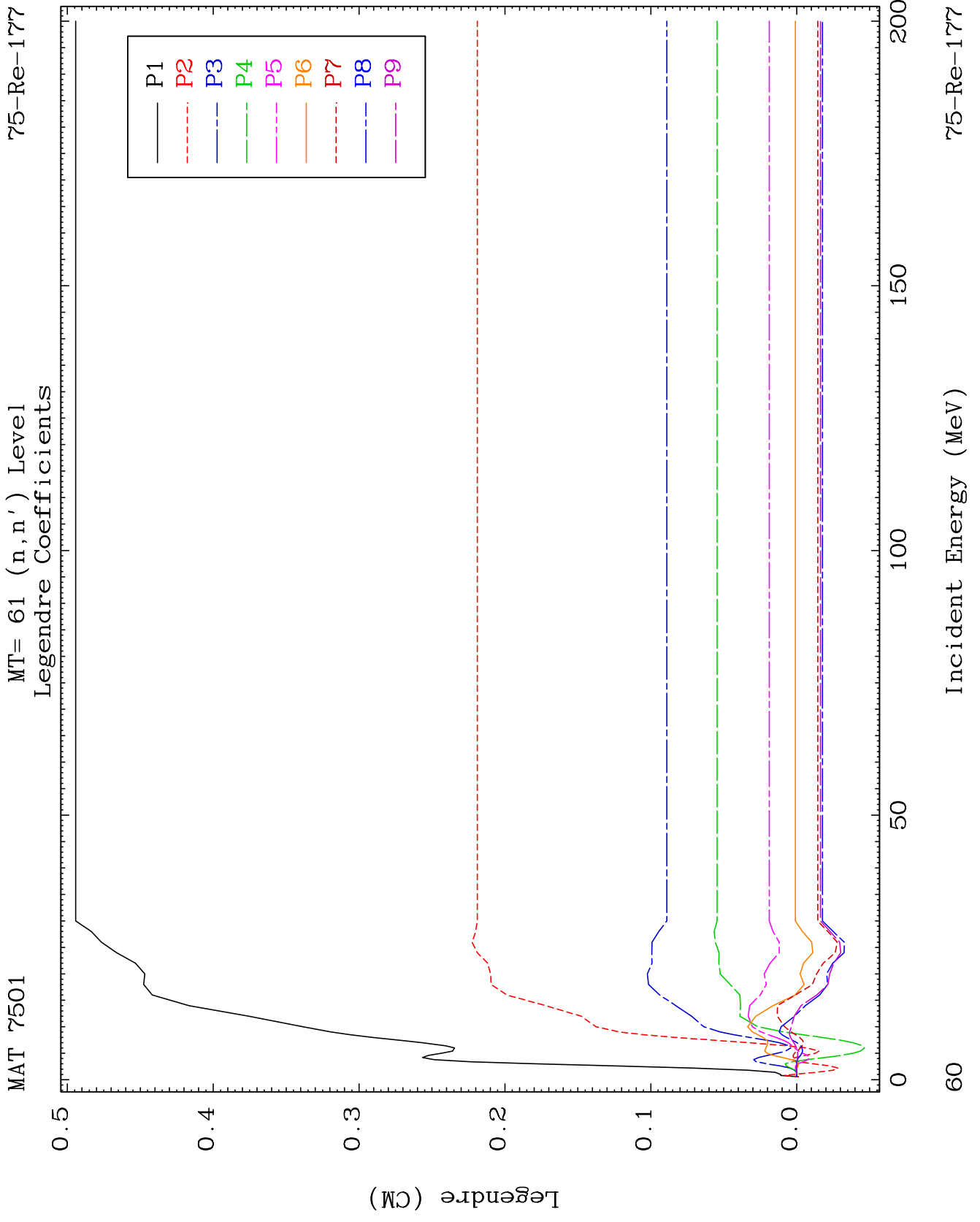
75-Re-177

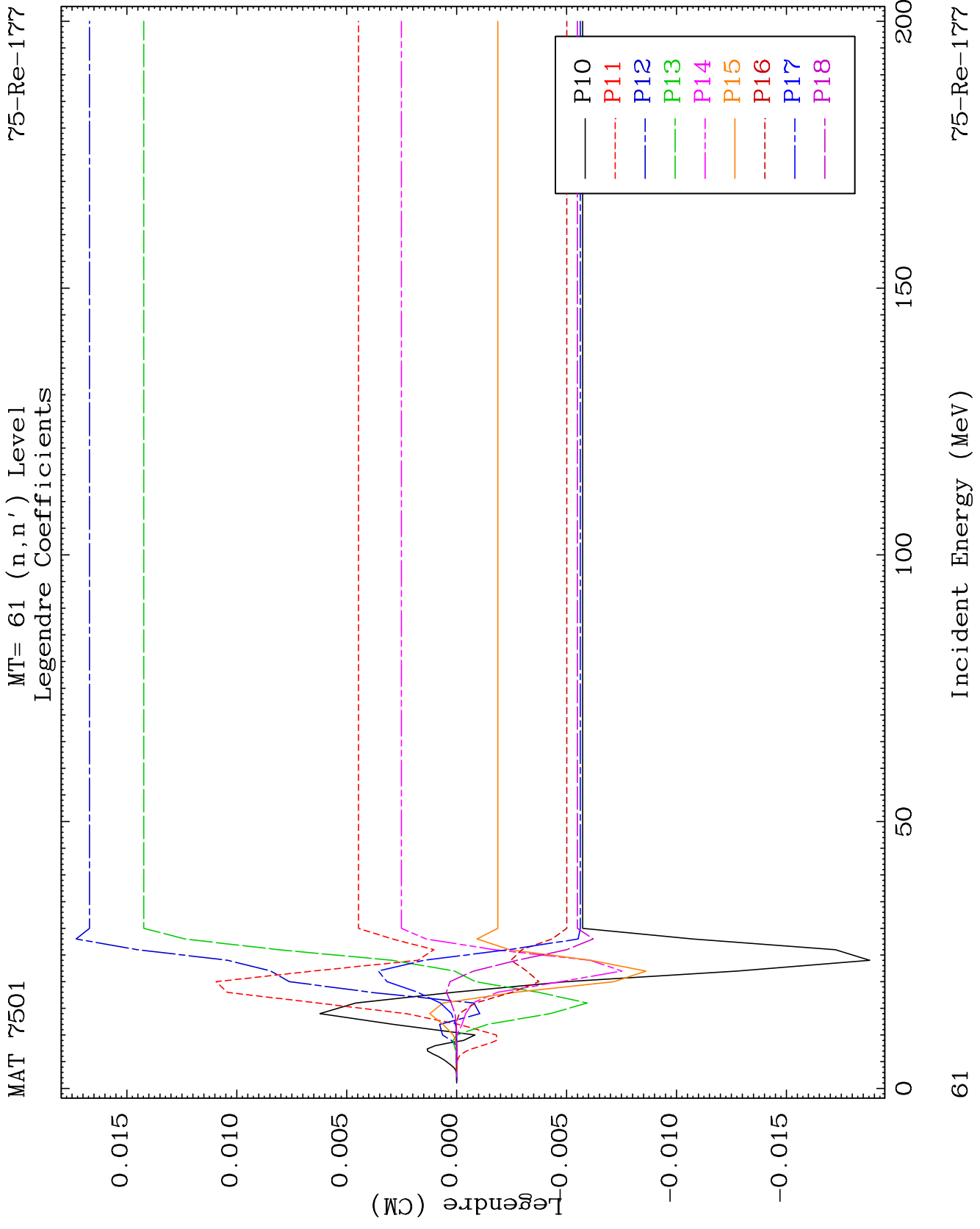


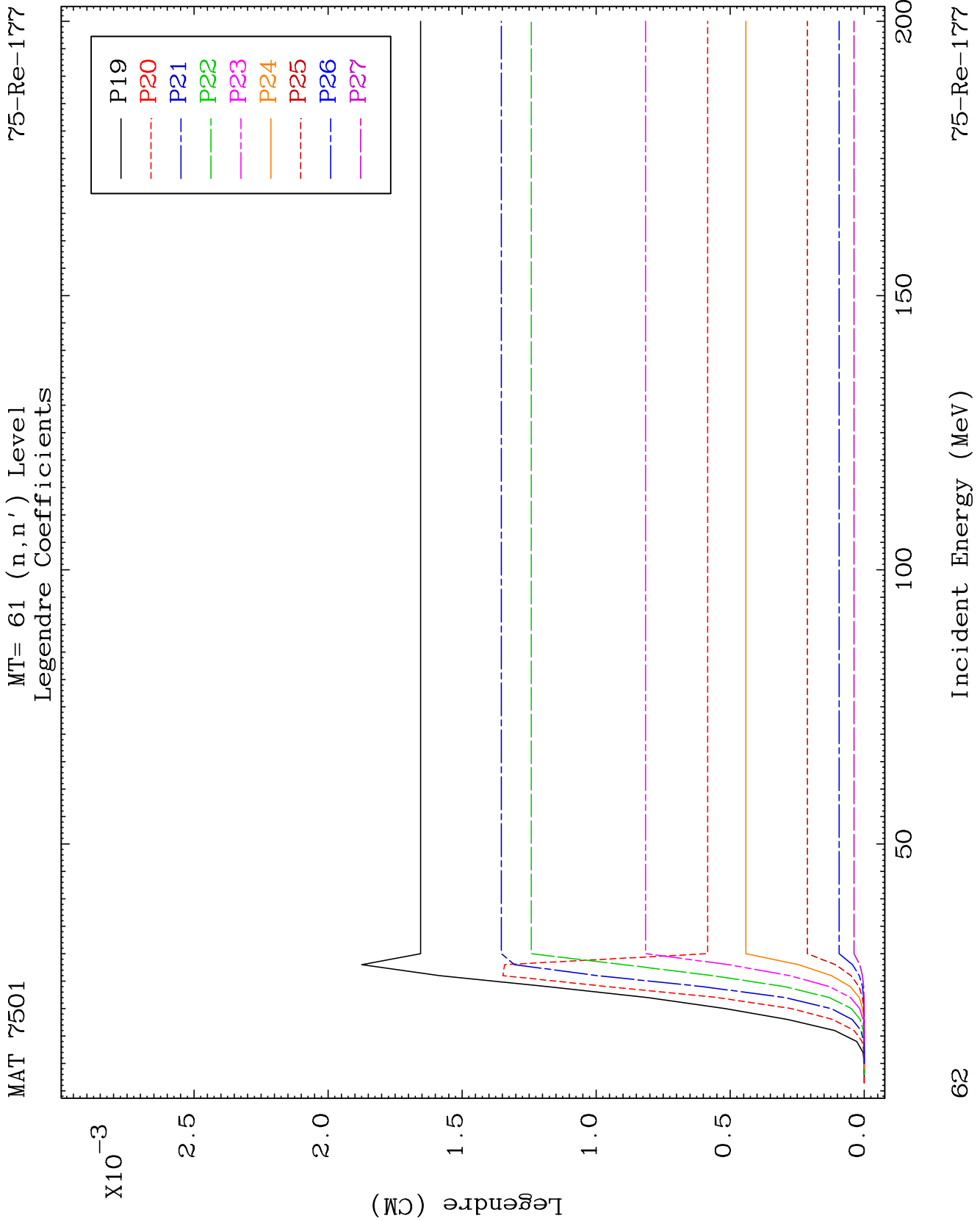
59

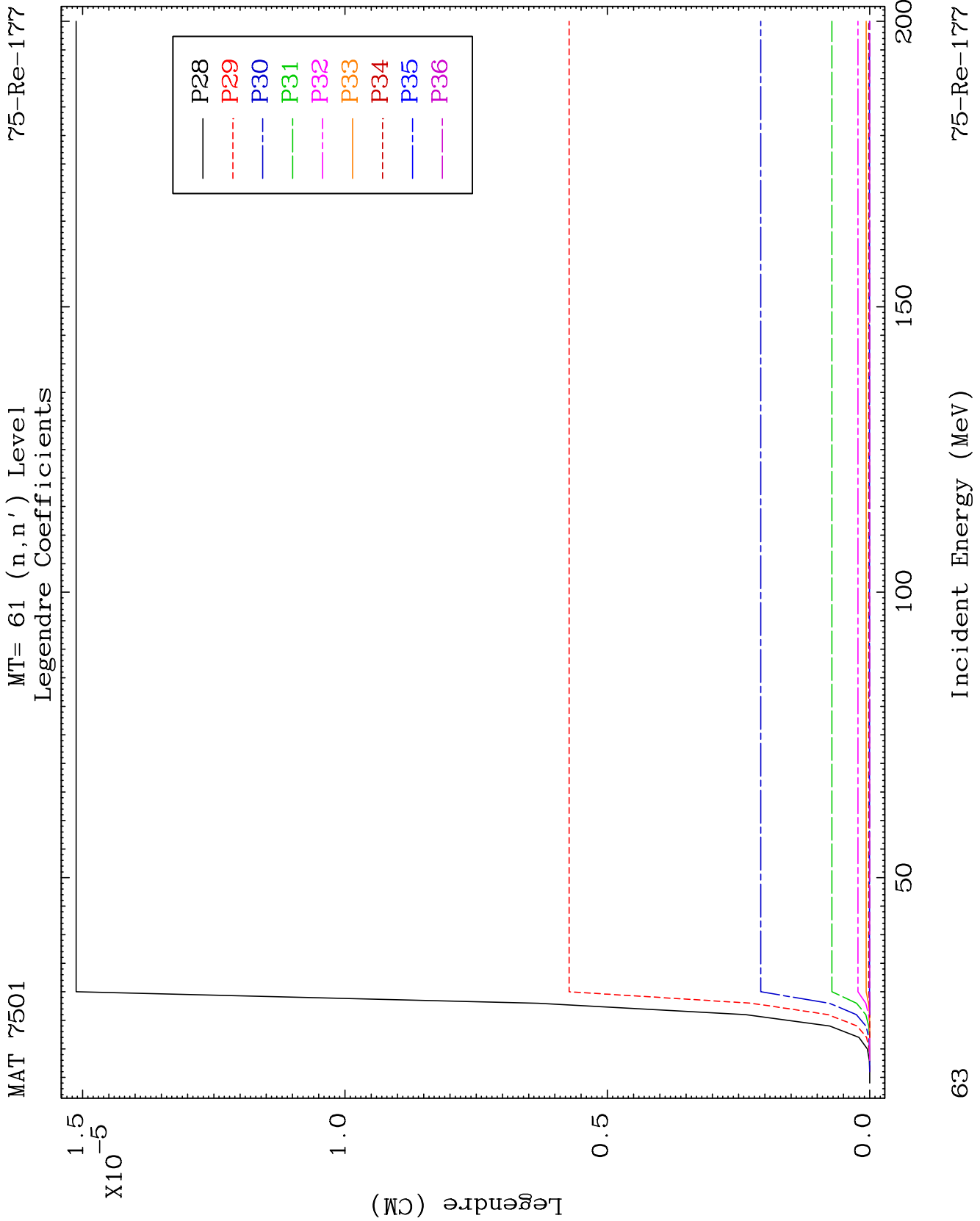
Incident Energy (MeV)

75-Re-177





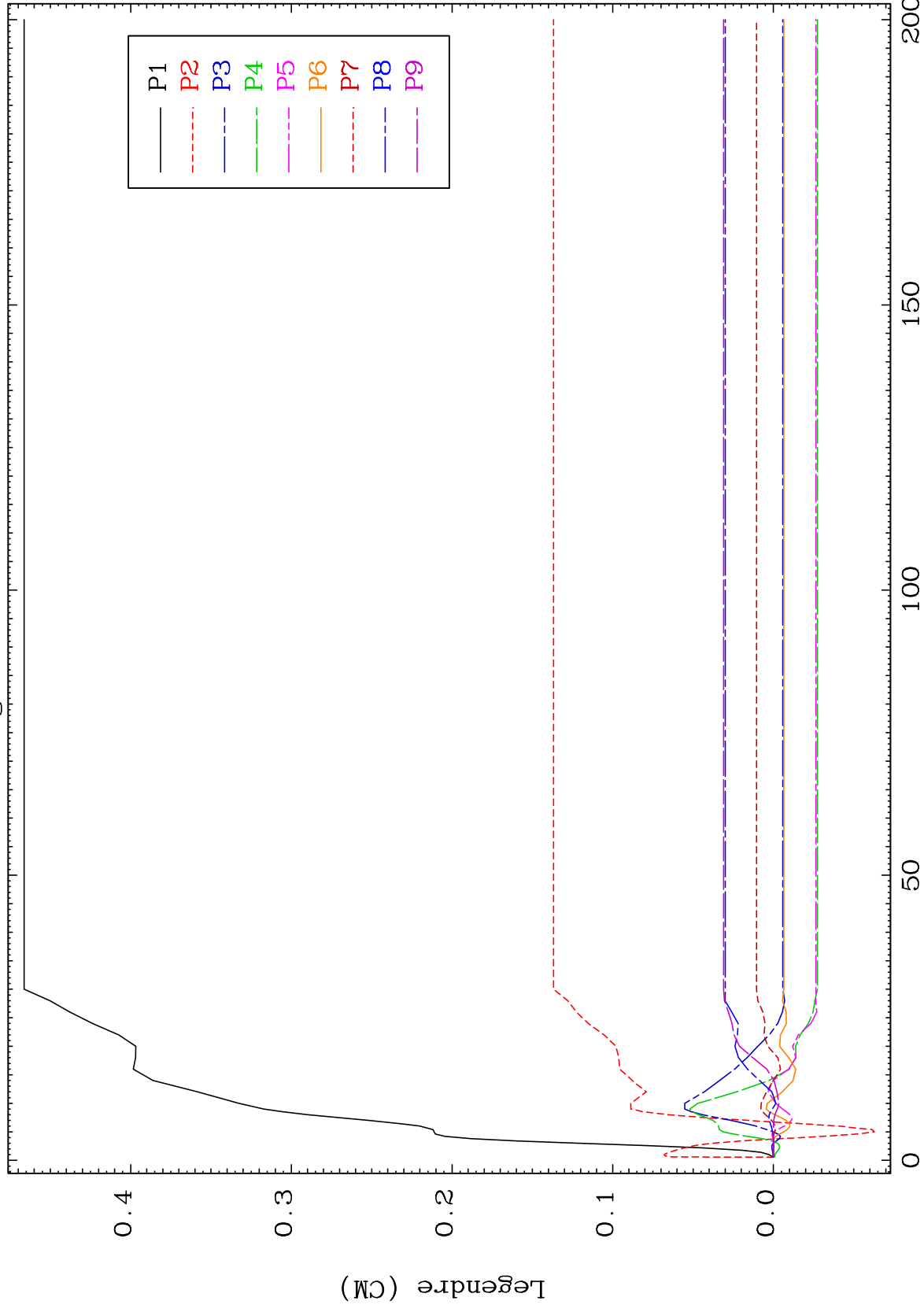




MAT 7501

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

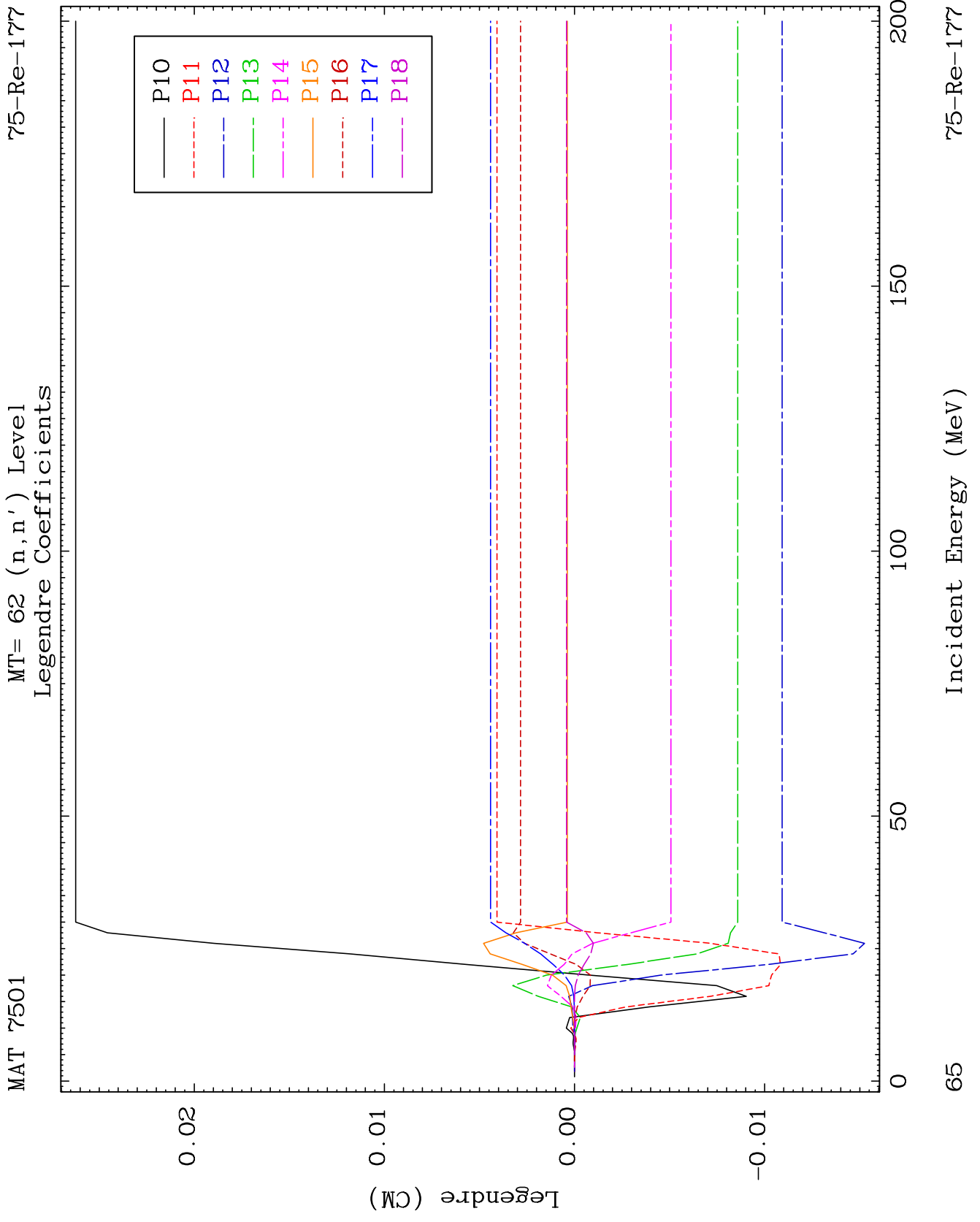
75-Re-177



75-Re-177

Incident Energy (MeV)

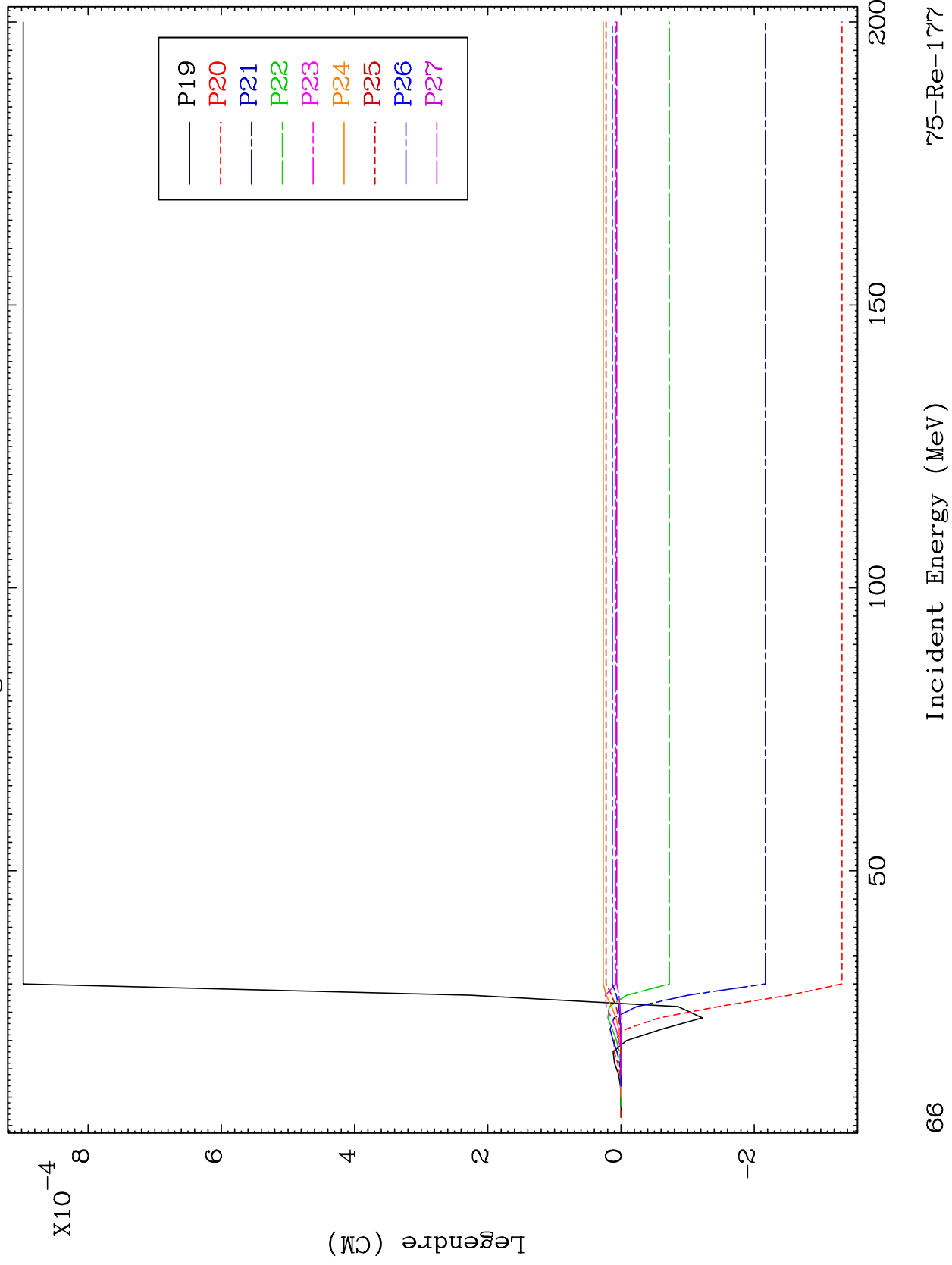
64



MAT 7501

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

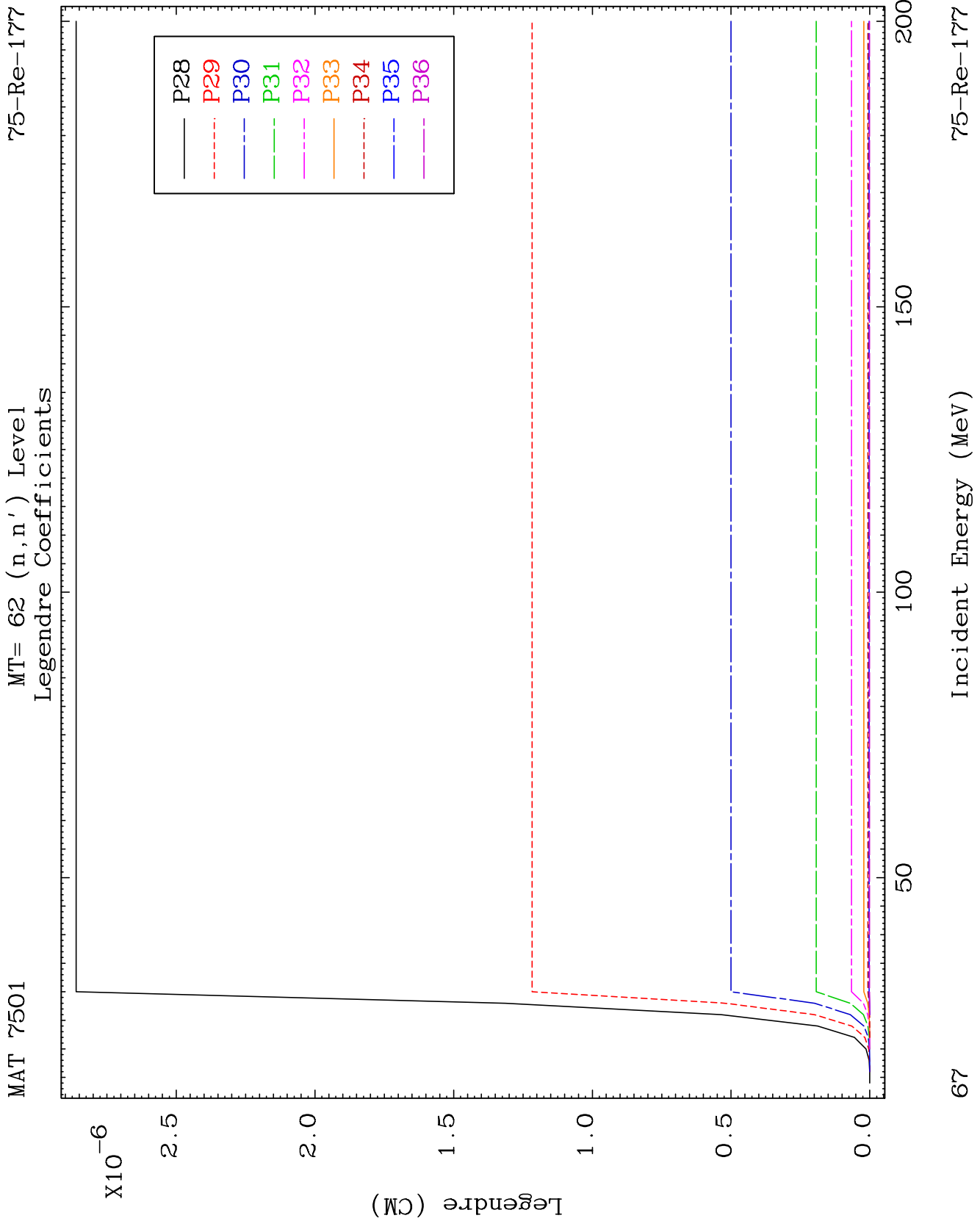
75-Re-177

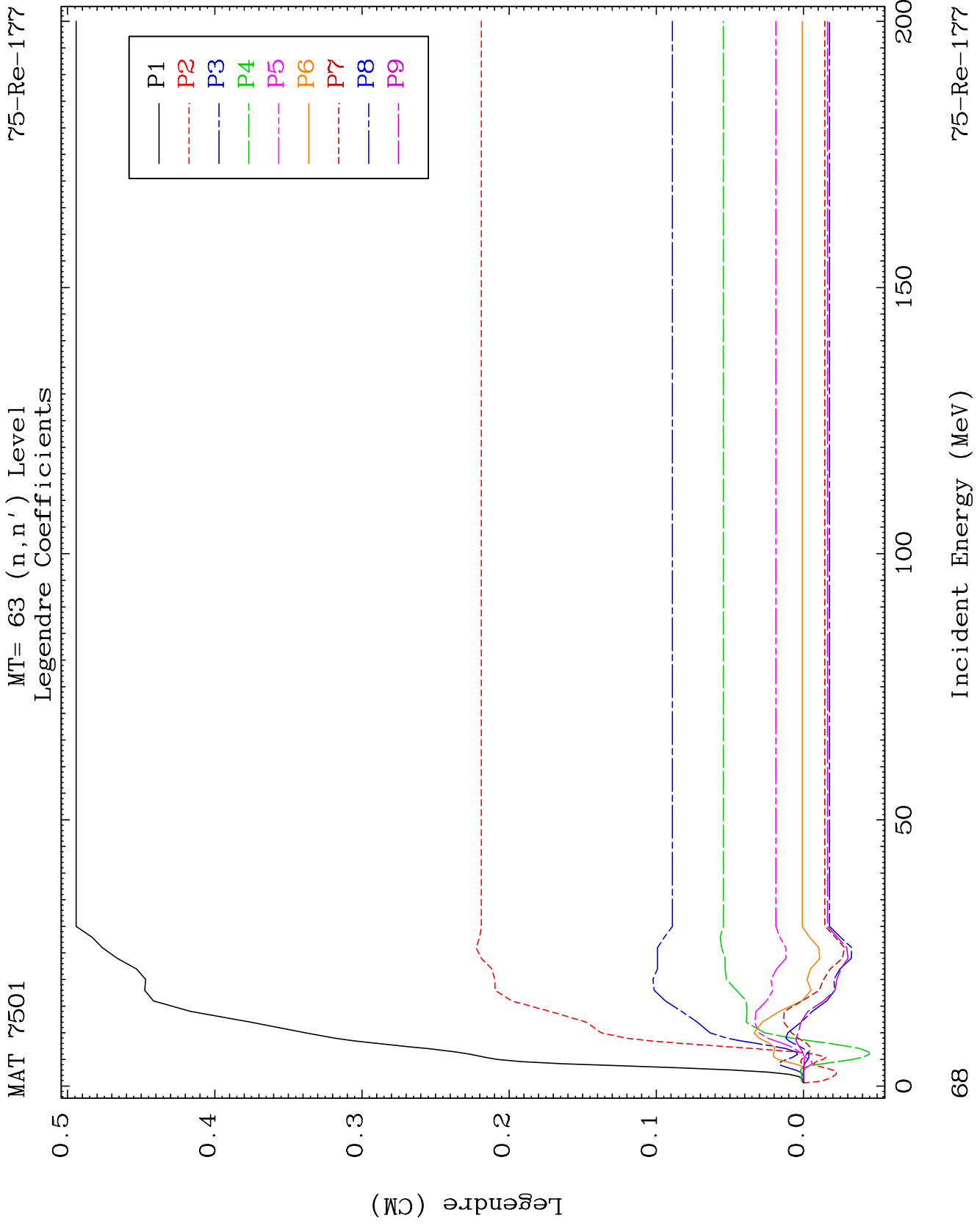


66

Incident Energy (MeV)

75-Re-177

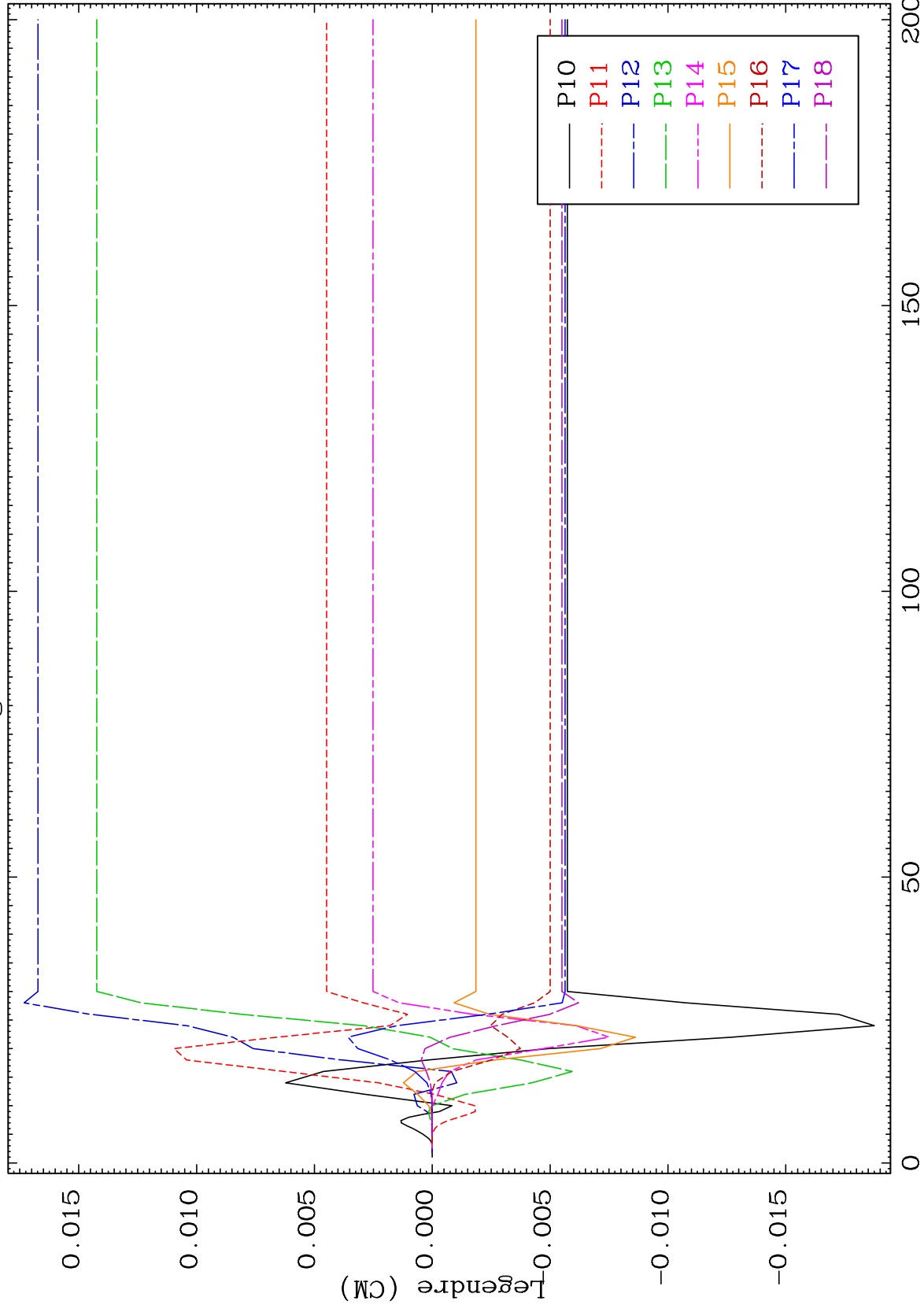




MAT 7501

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

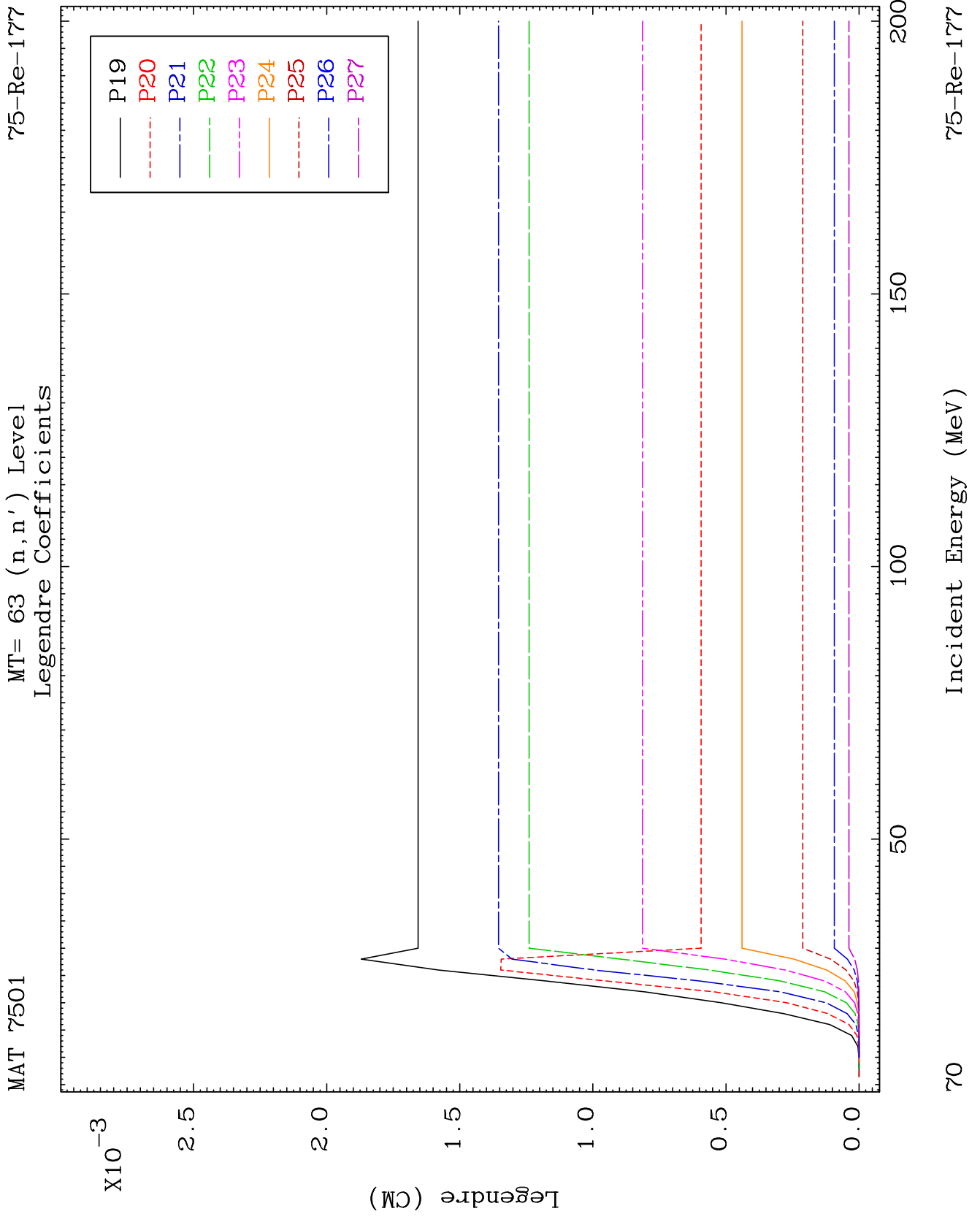
75-Re-177



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Incident Energy (MeV)

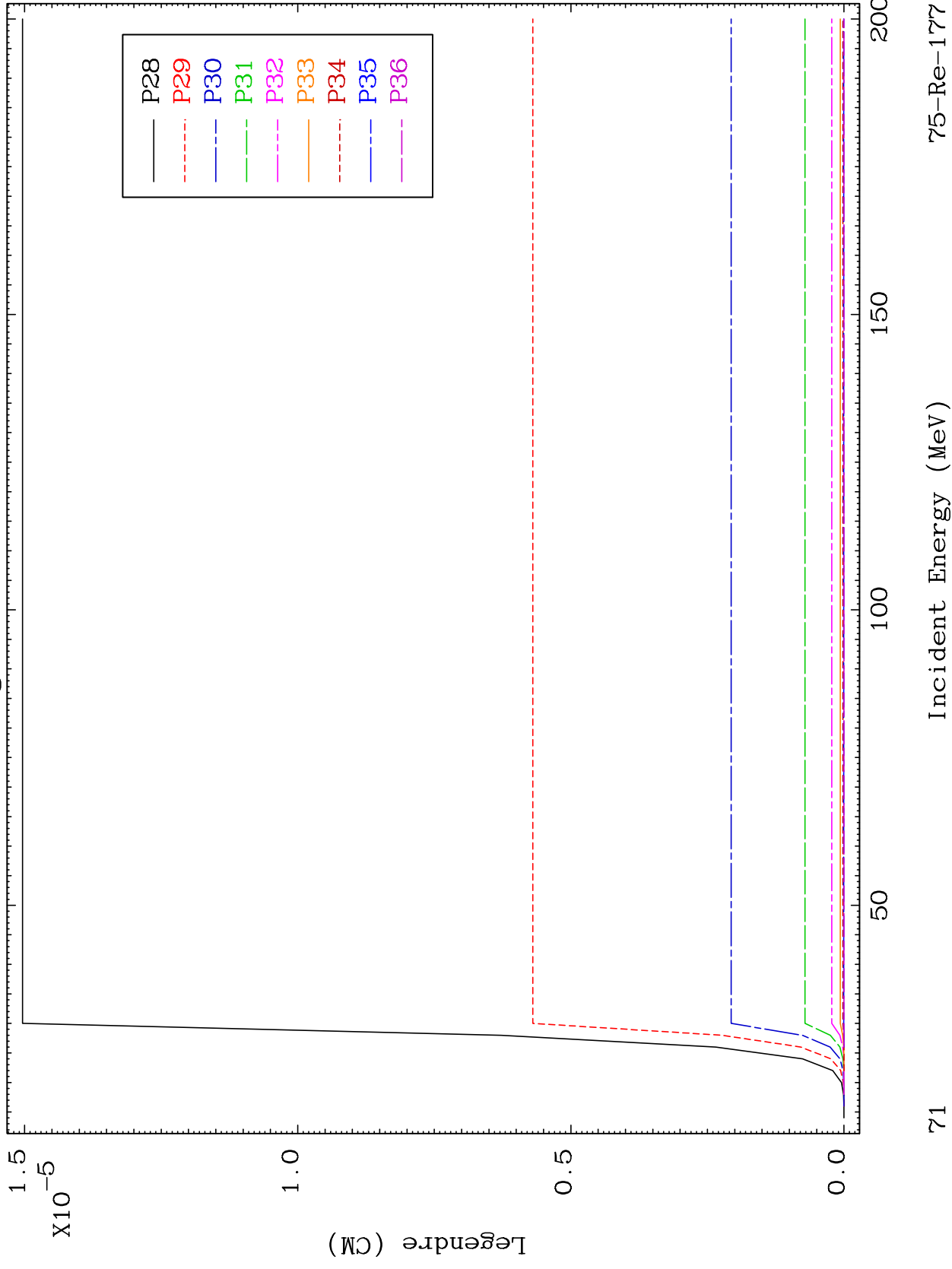
75-Re-177



MAT 7501

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

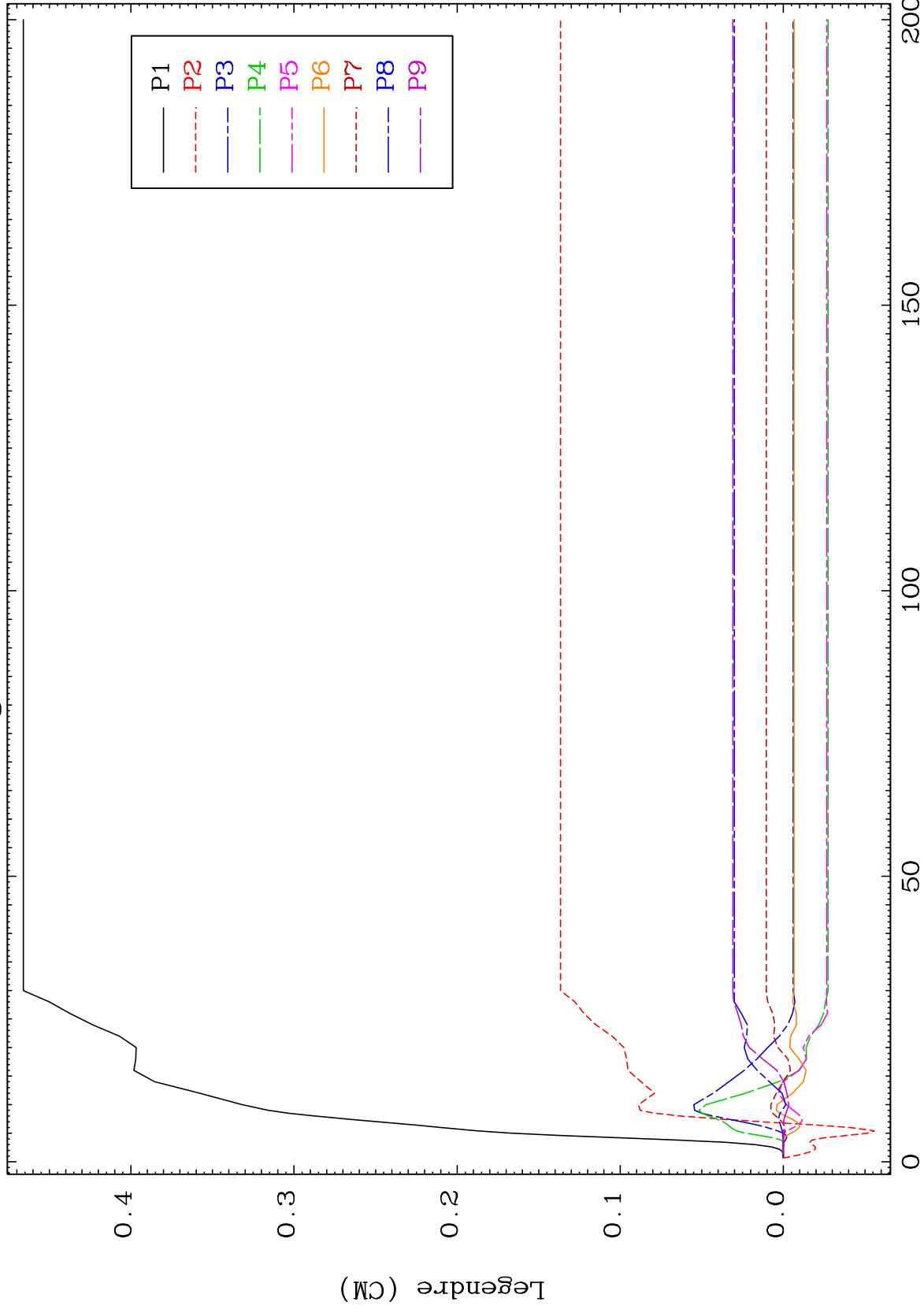
75-Re-177



MAT 7501

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

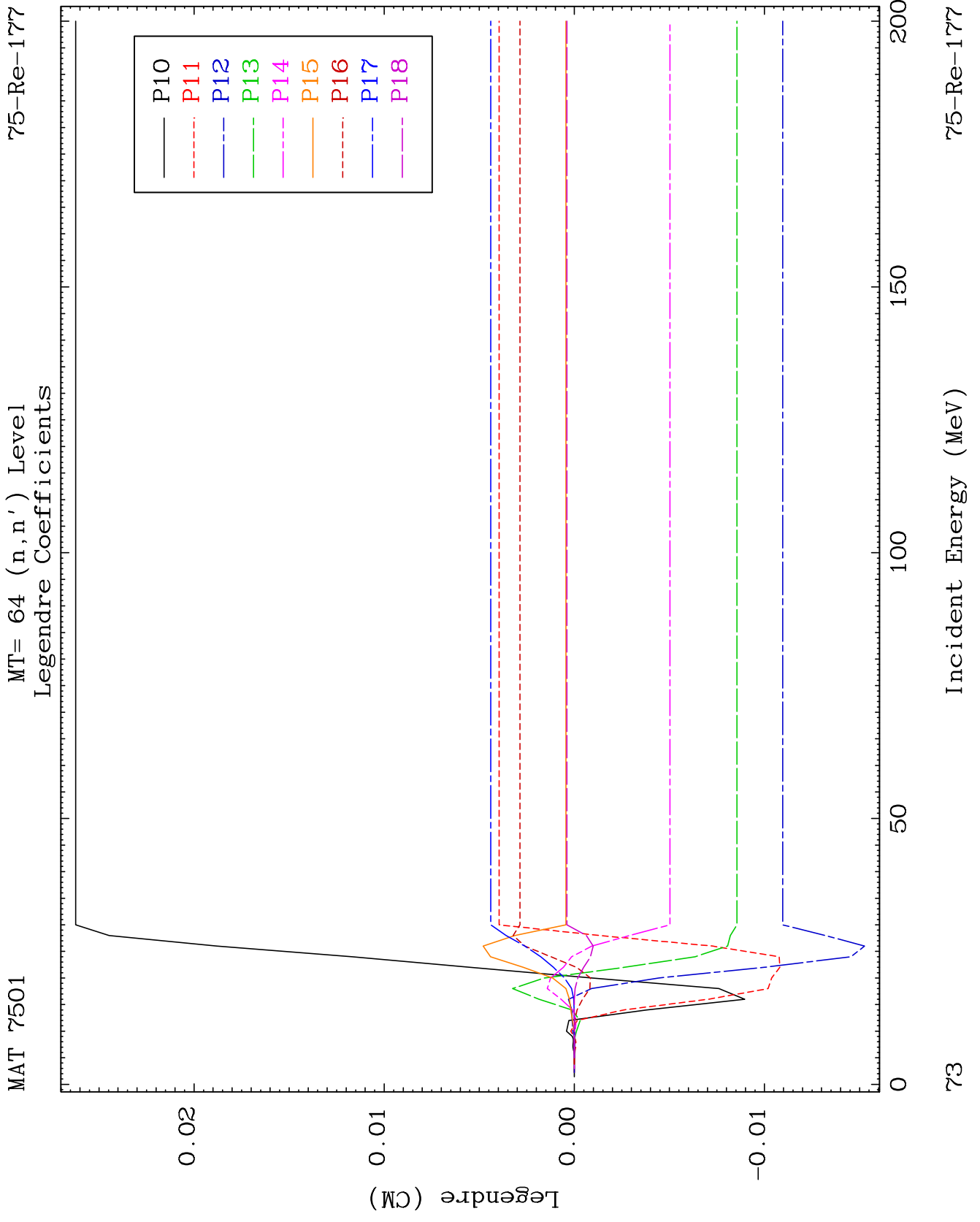
75-Re-177



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Incident Energy (MeV)

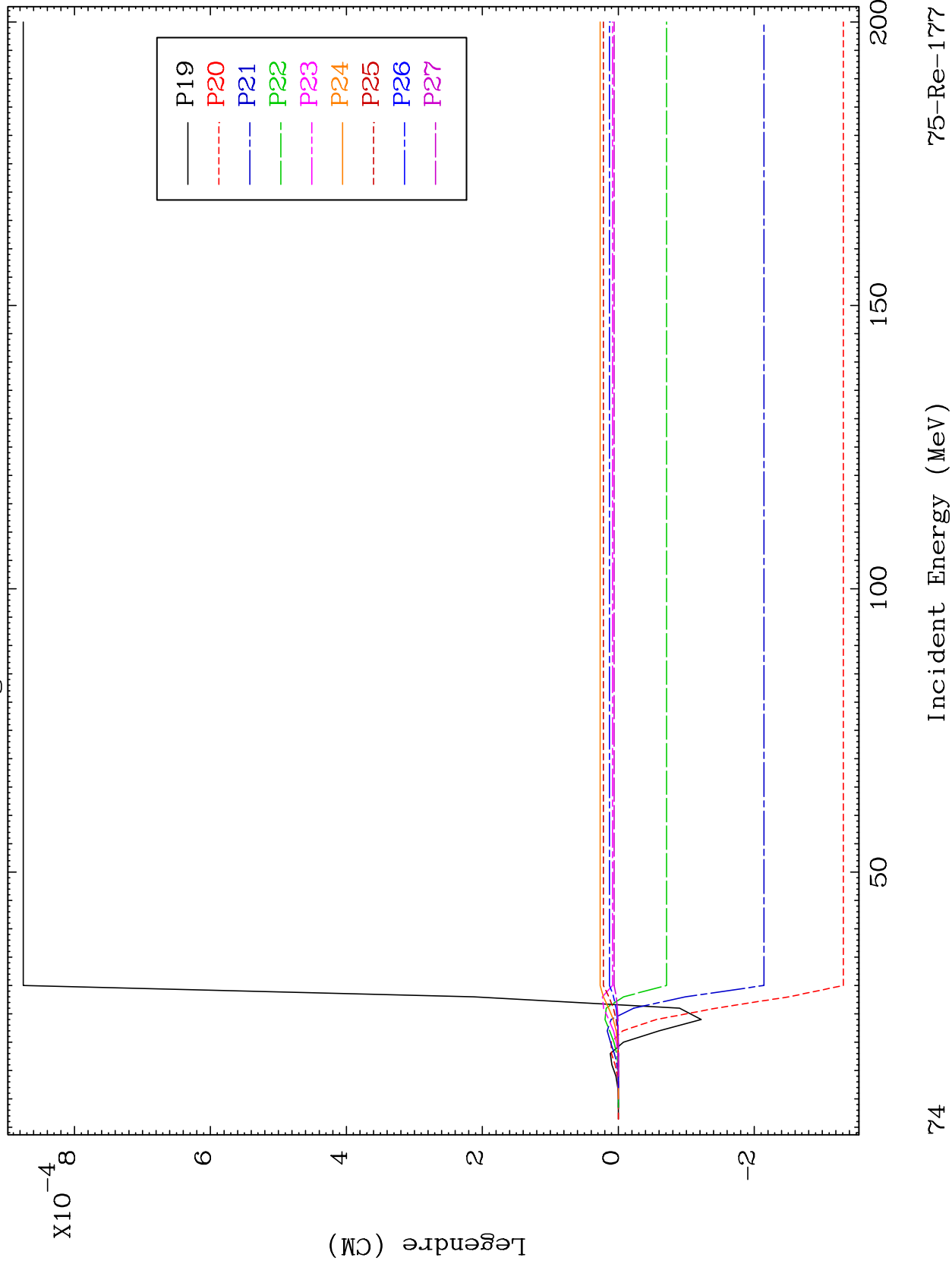
75-Re-177



MAT 7501

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

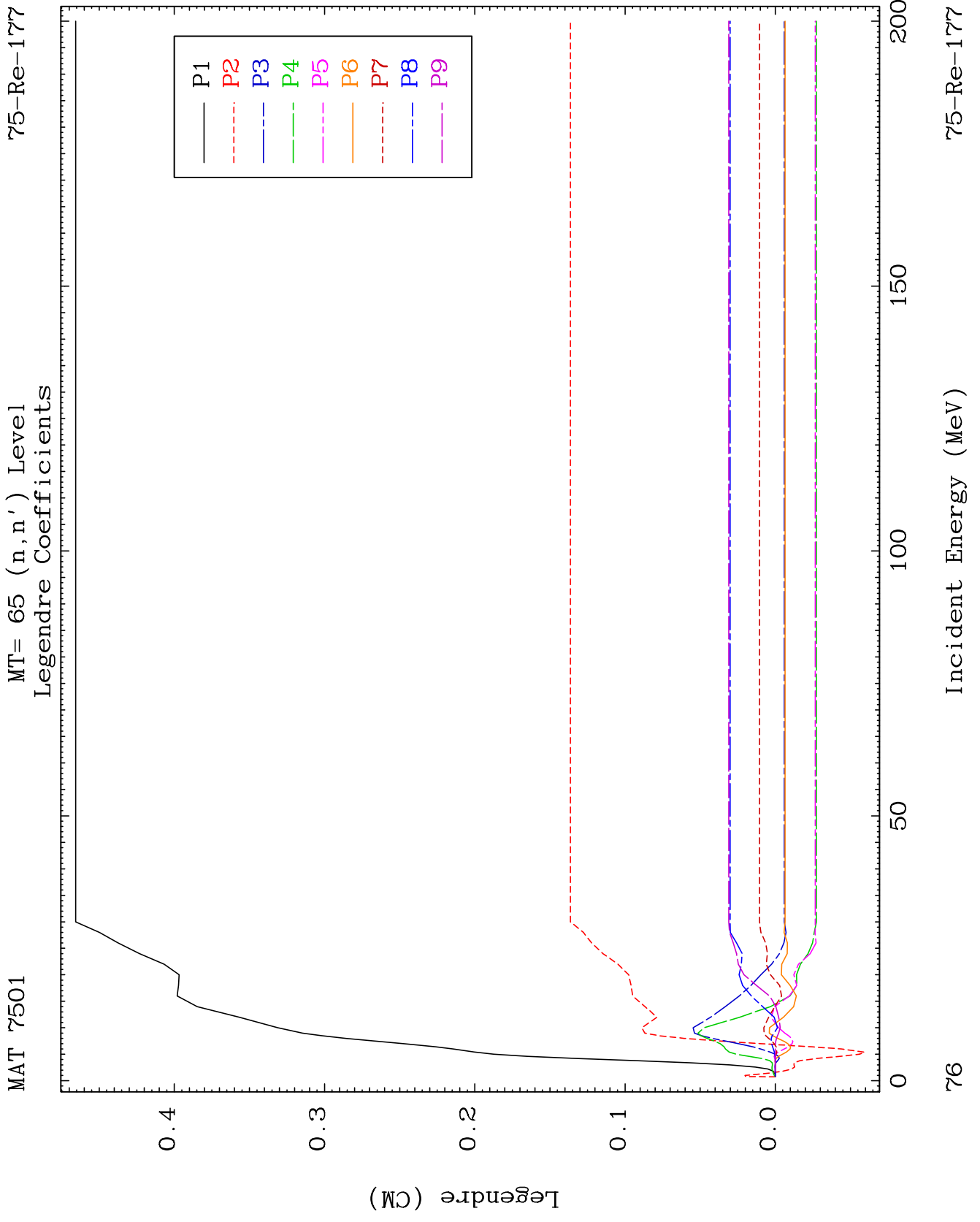
75-Re-177

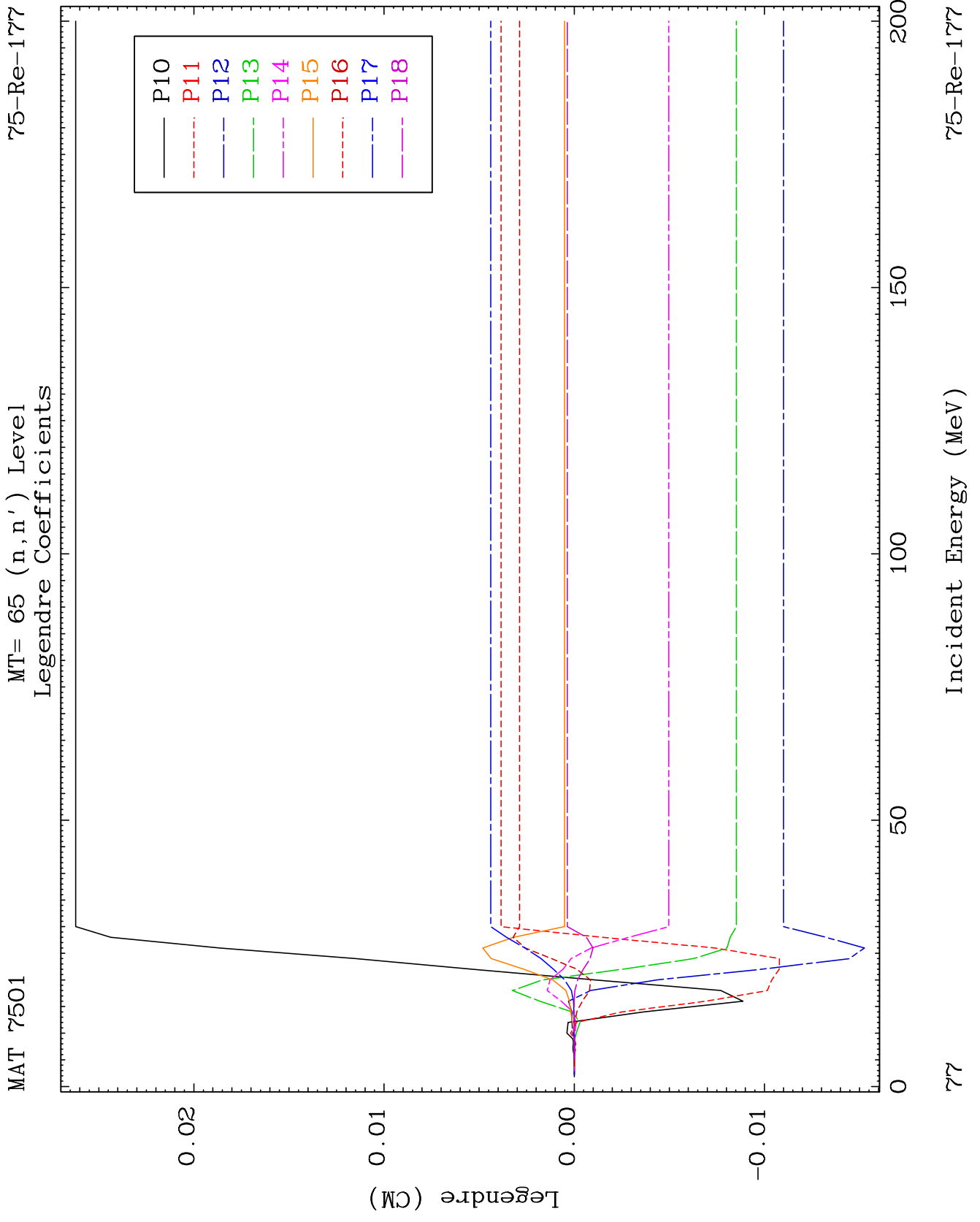


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Incident Energy (MeV)

75-Re-177

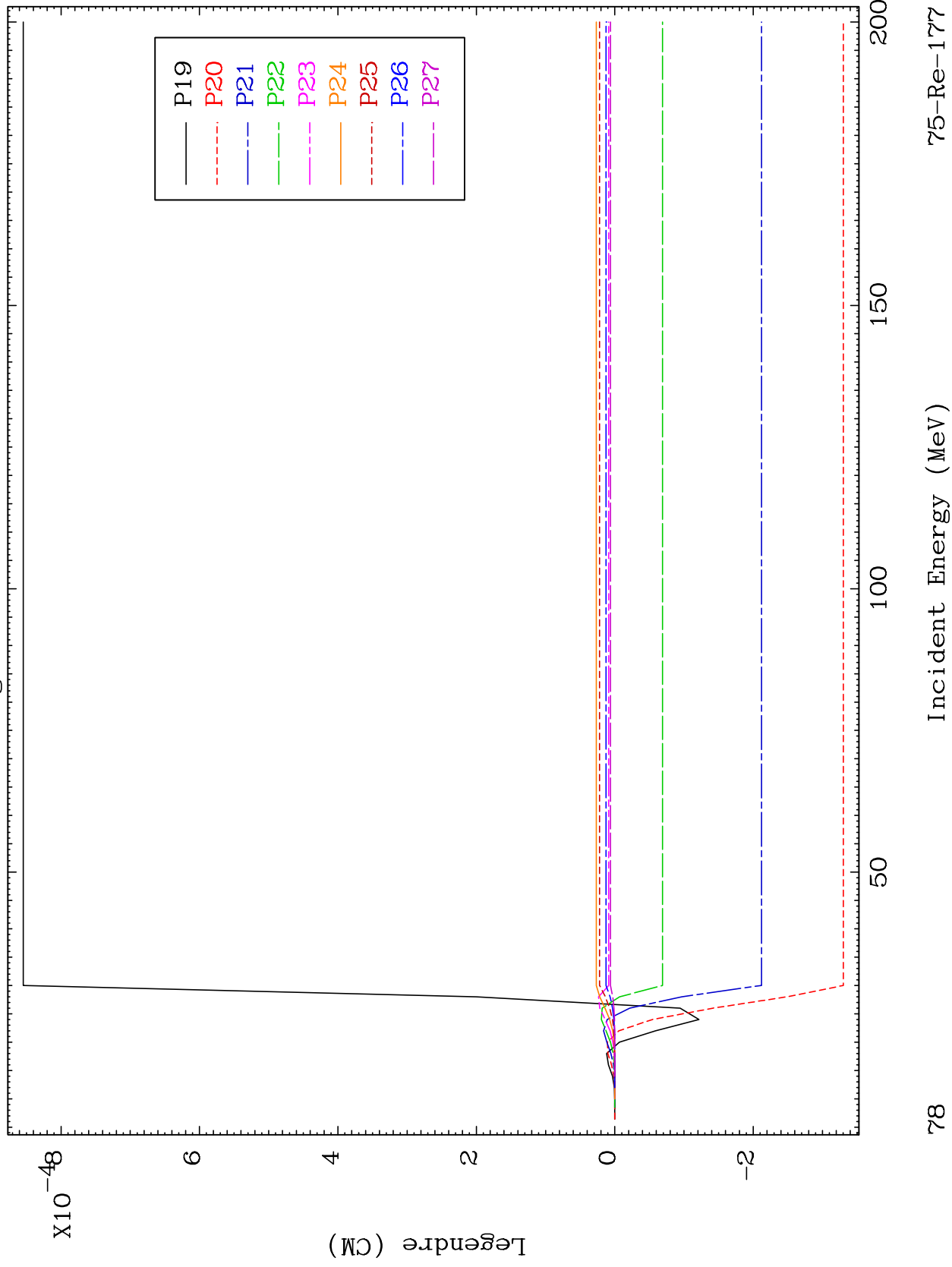




MAT 7501

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

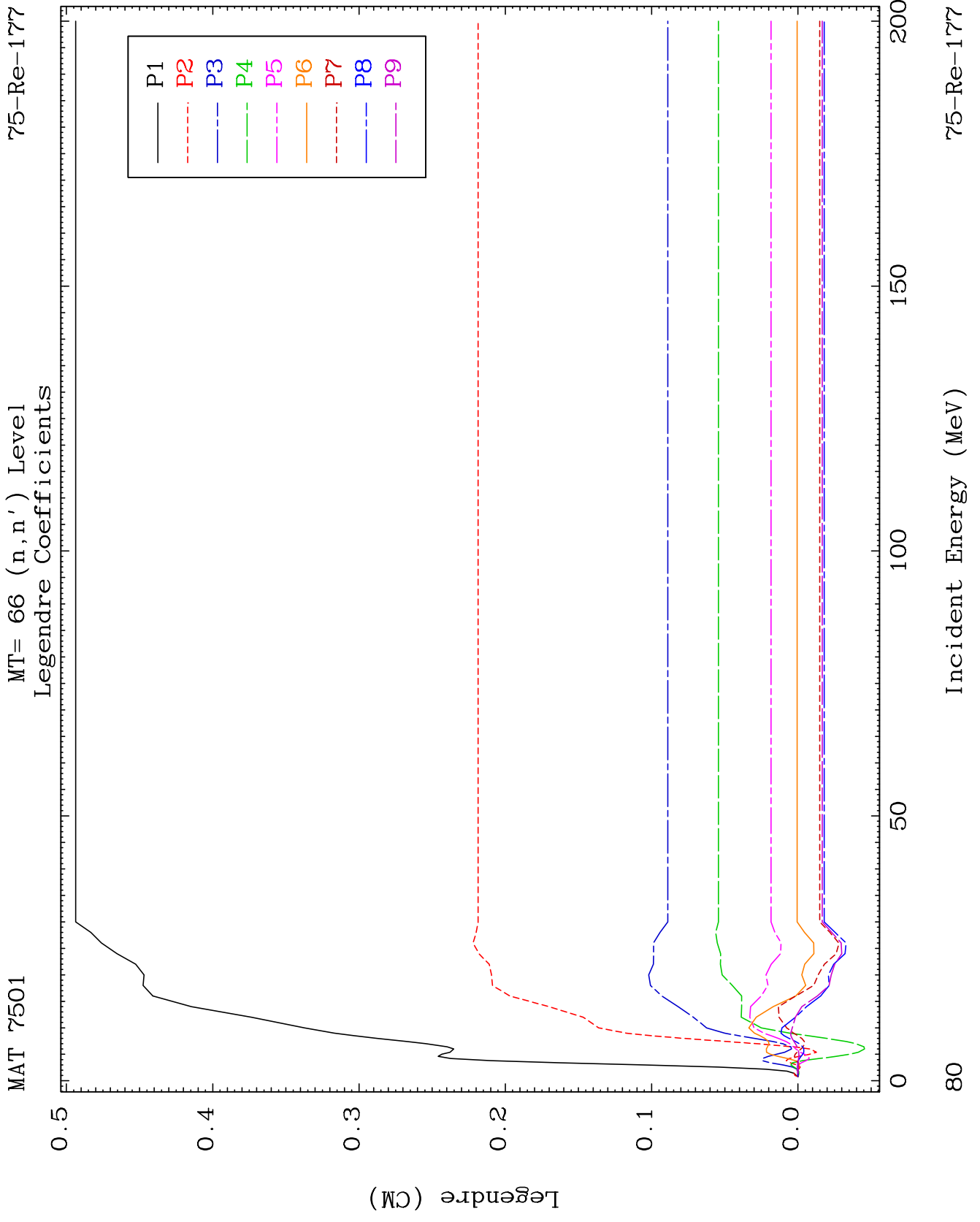
75-Re-177

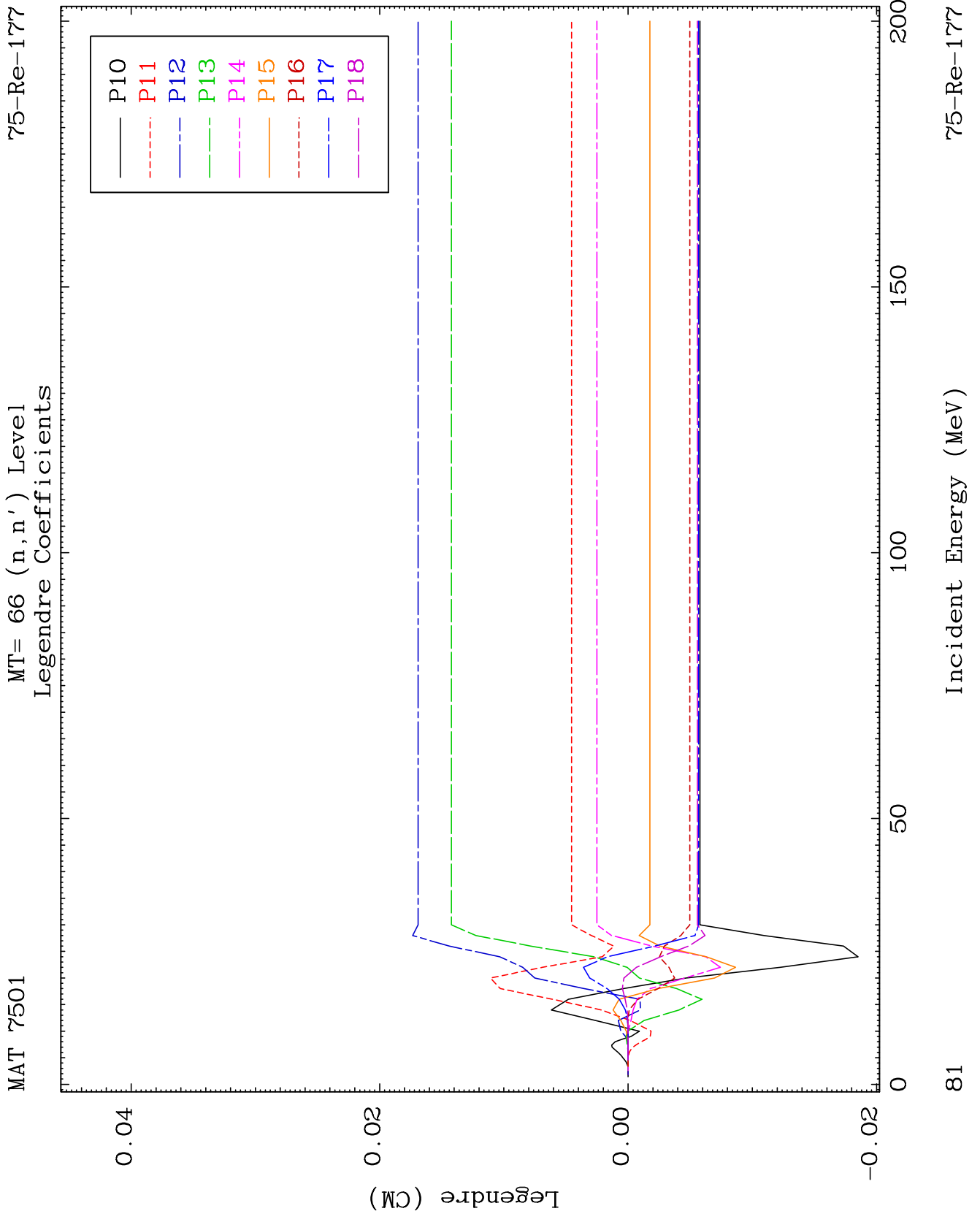


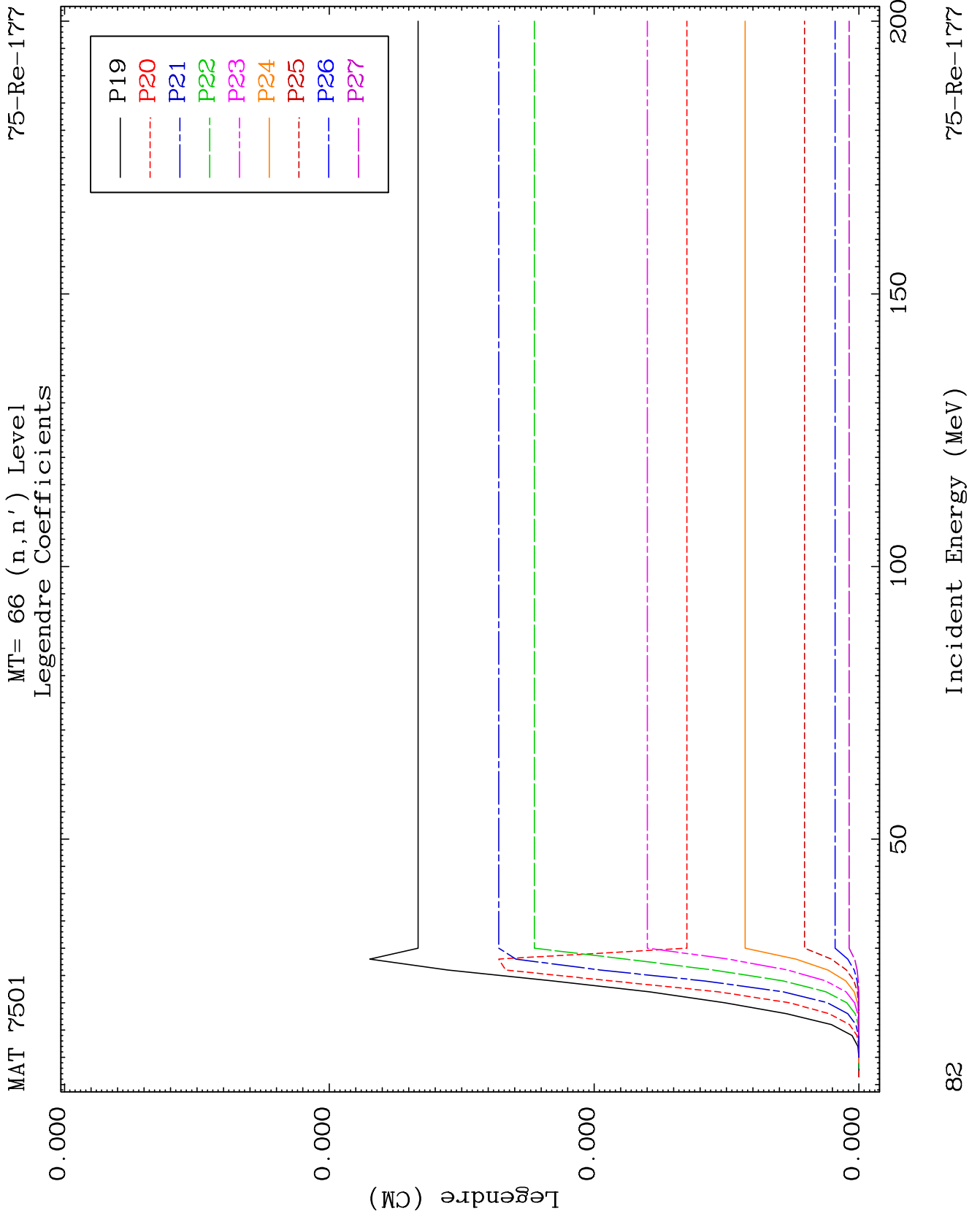
78

Incident Energy (MeV)

75-Re-177



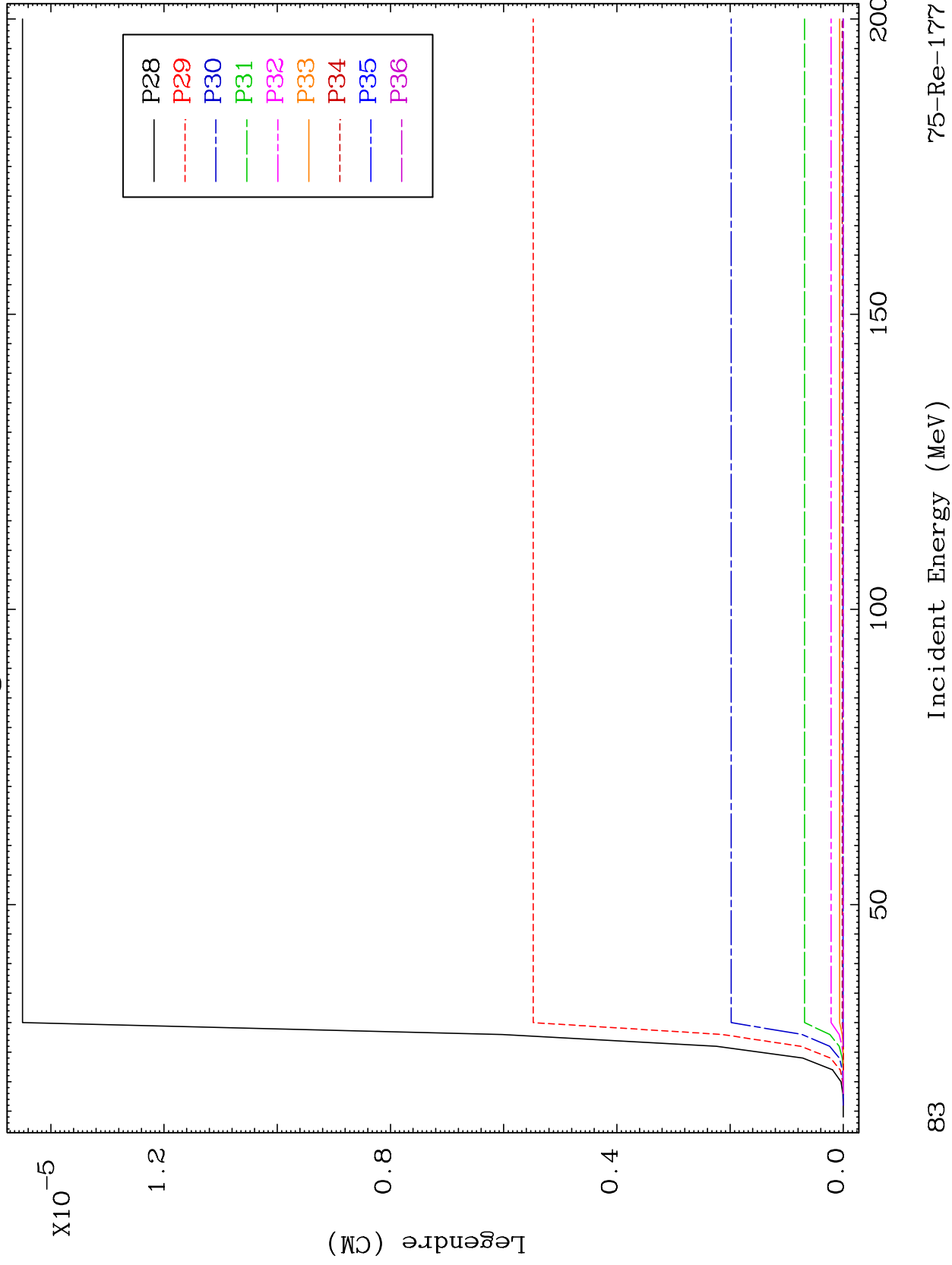




MAT 7501

MT= 66 (n,n') Level
Legendre Coefficients

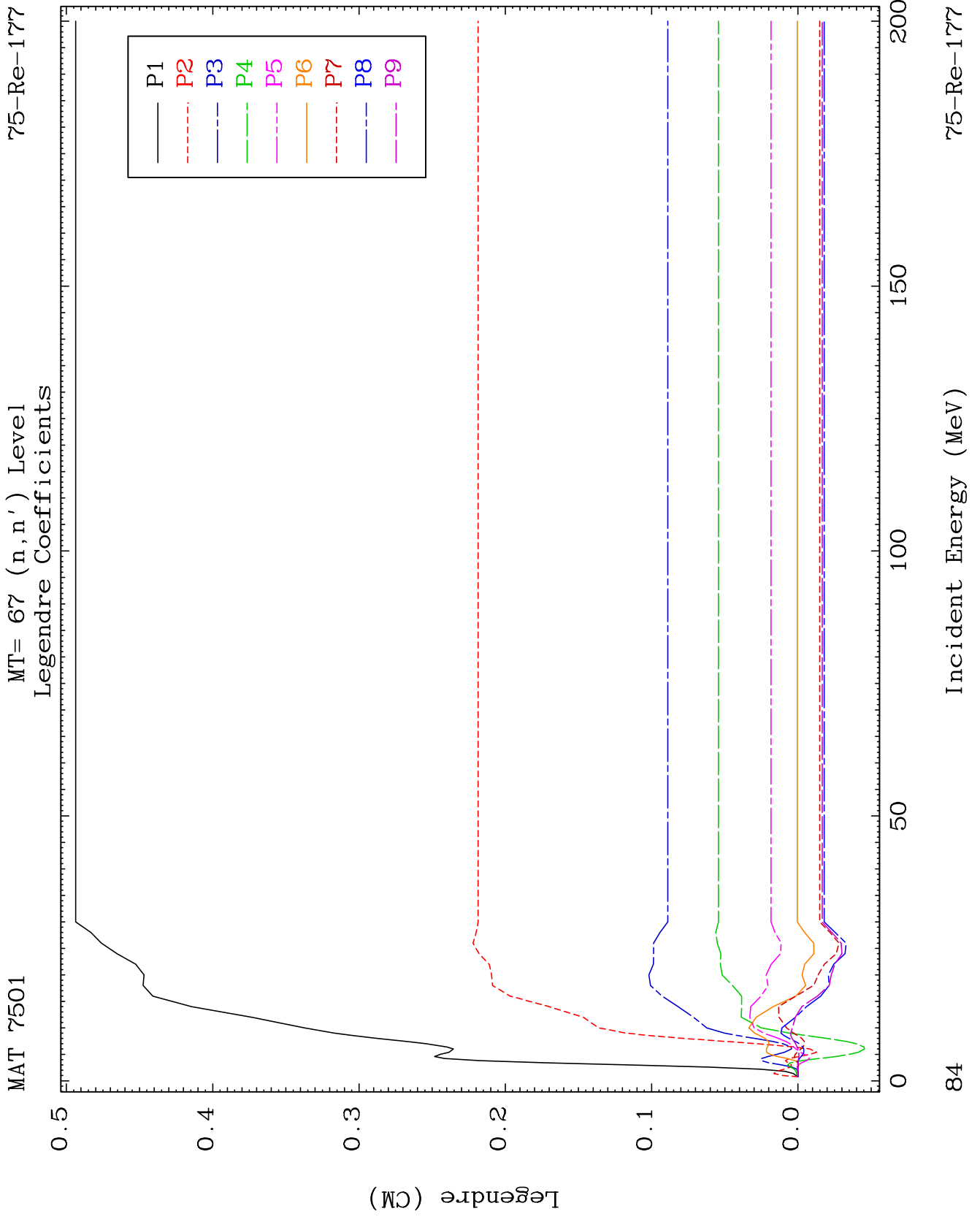
75-Re-177

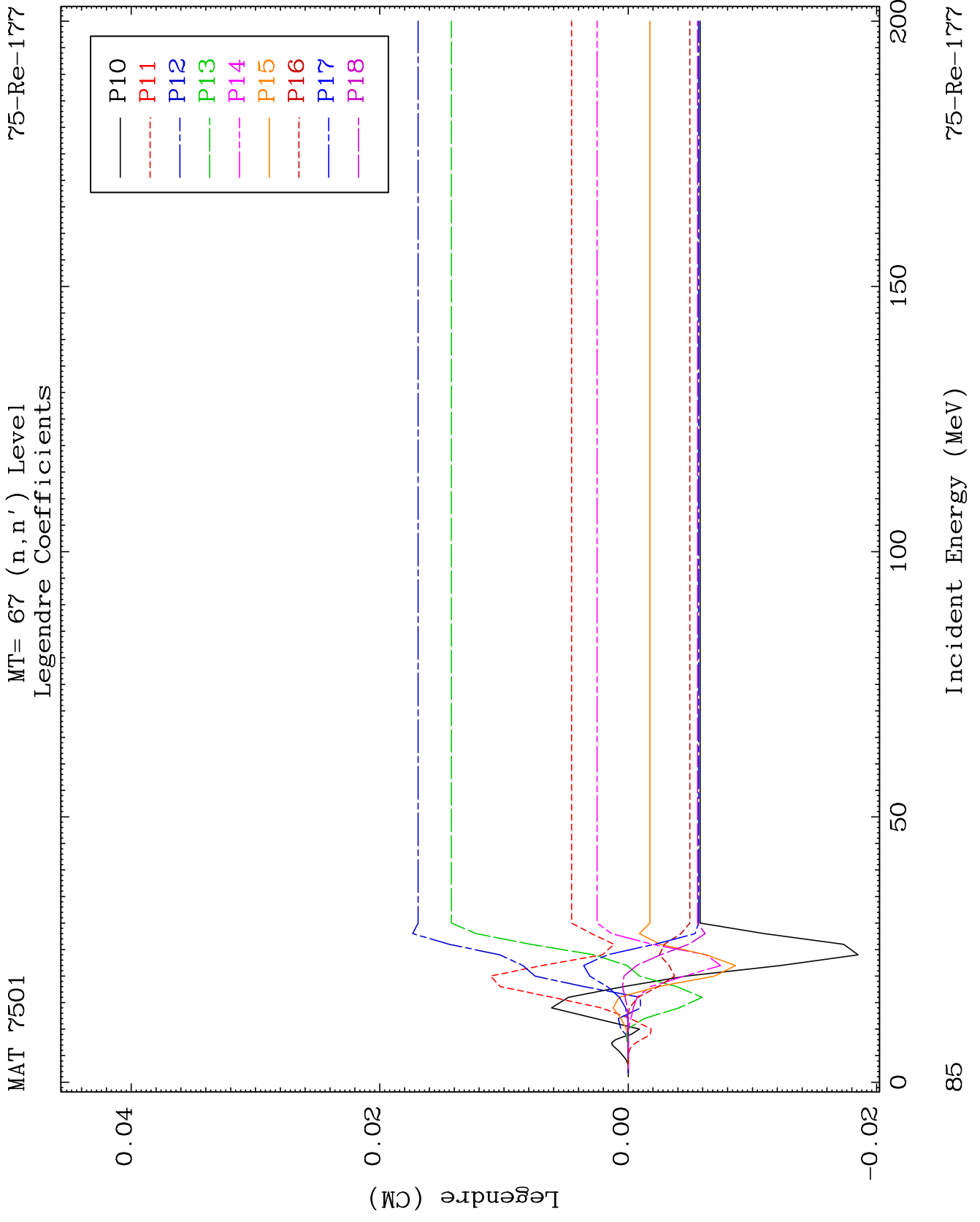


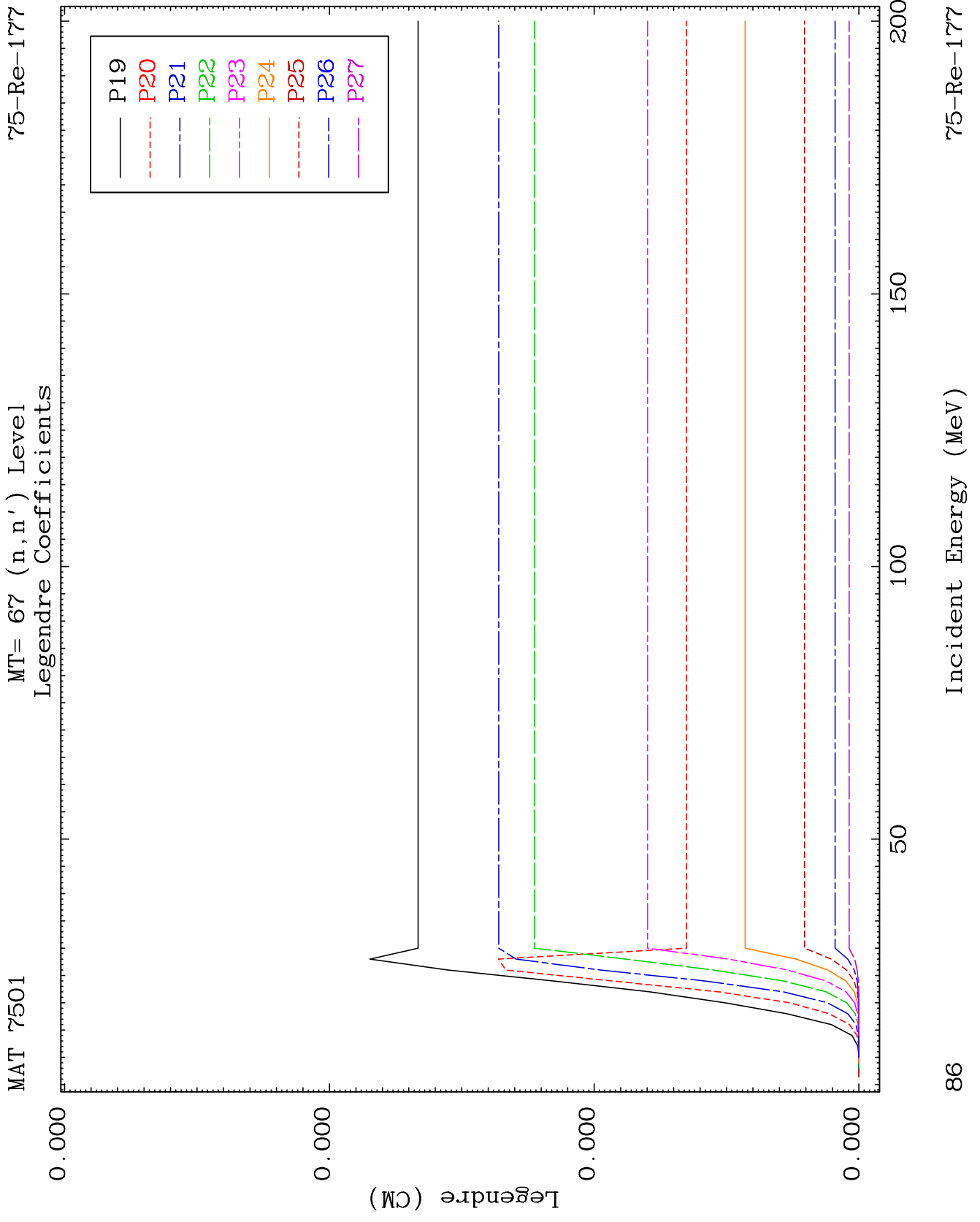
83

Incident Energy (MeV)

75-Re-177



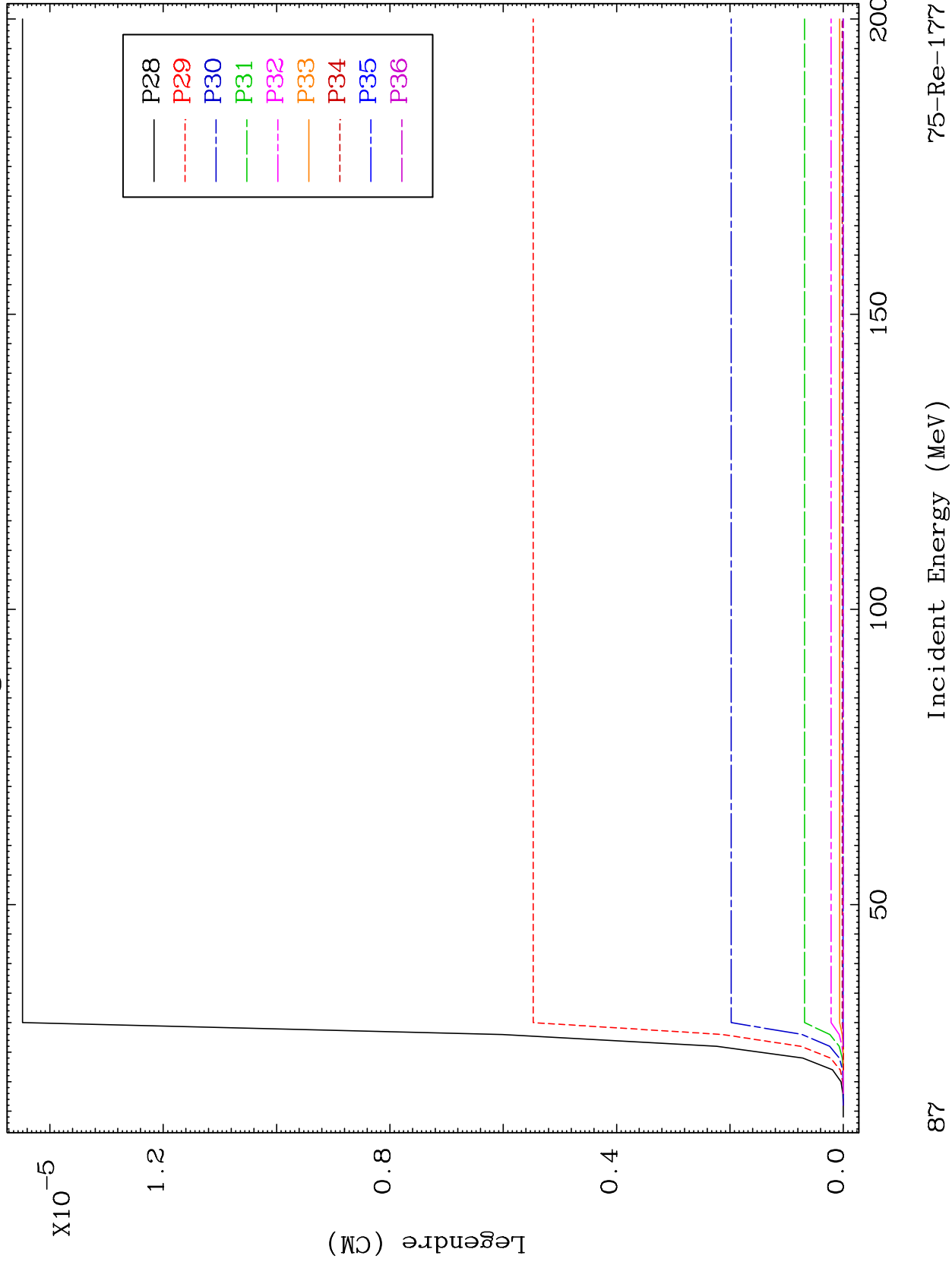


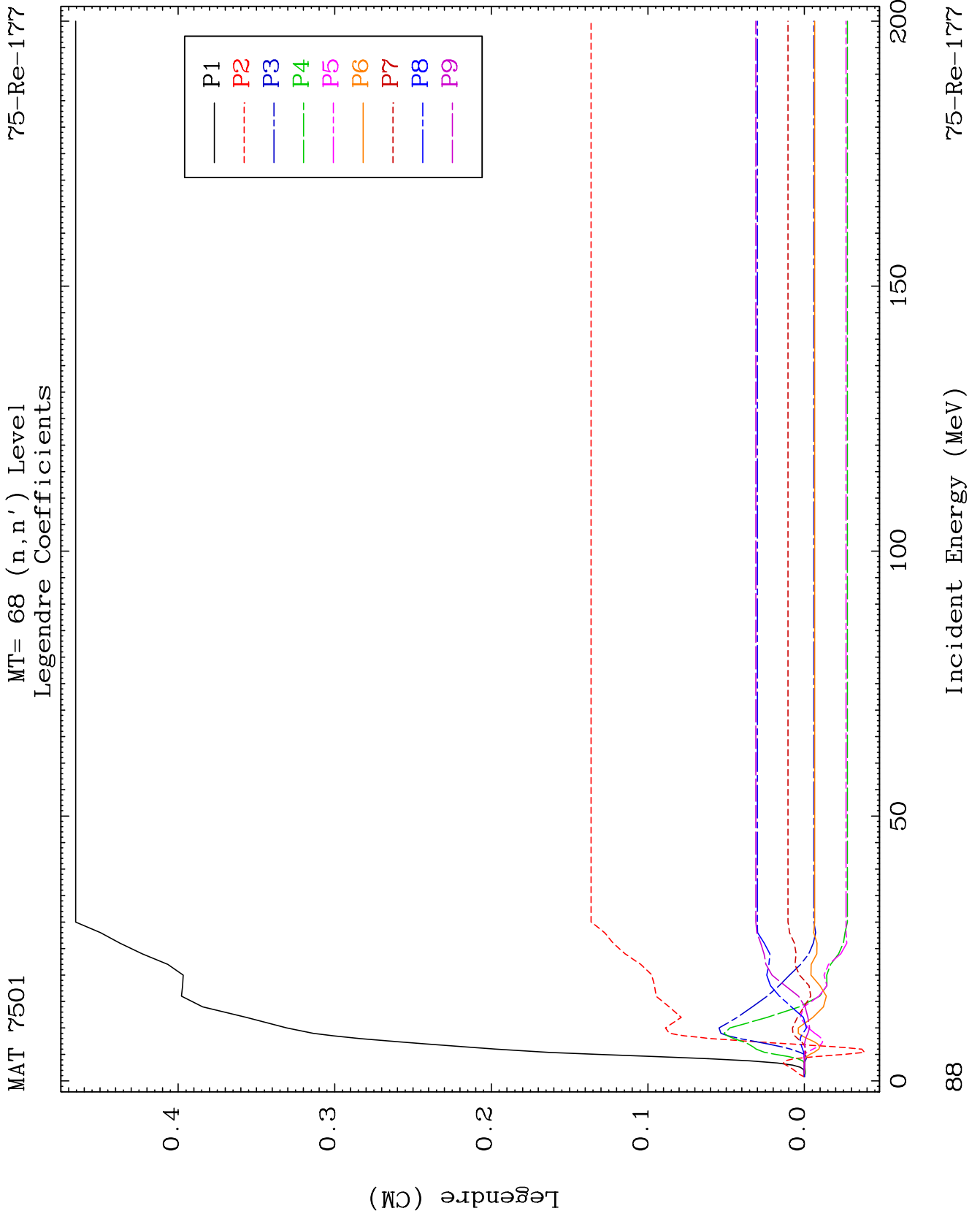


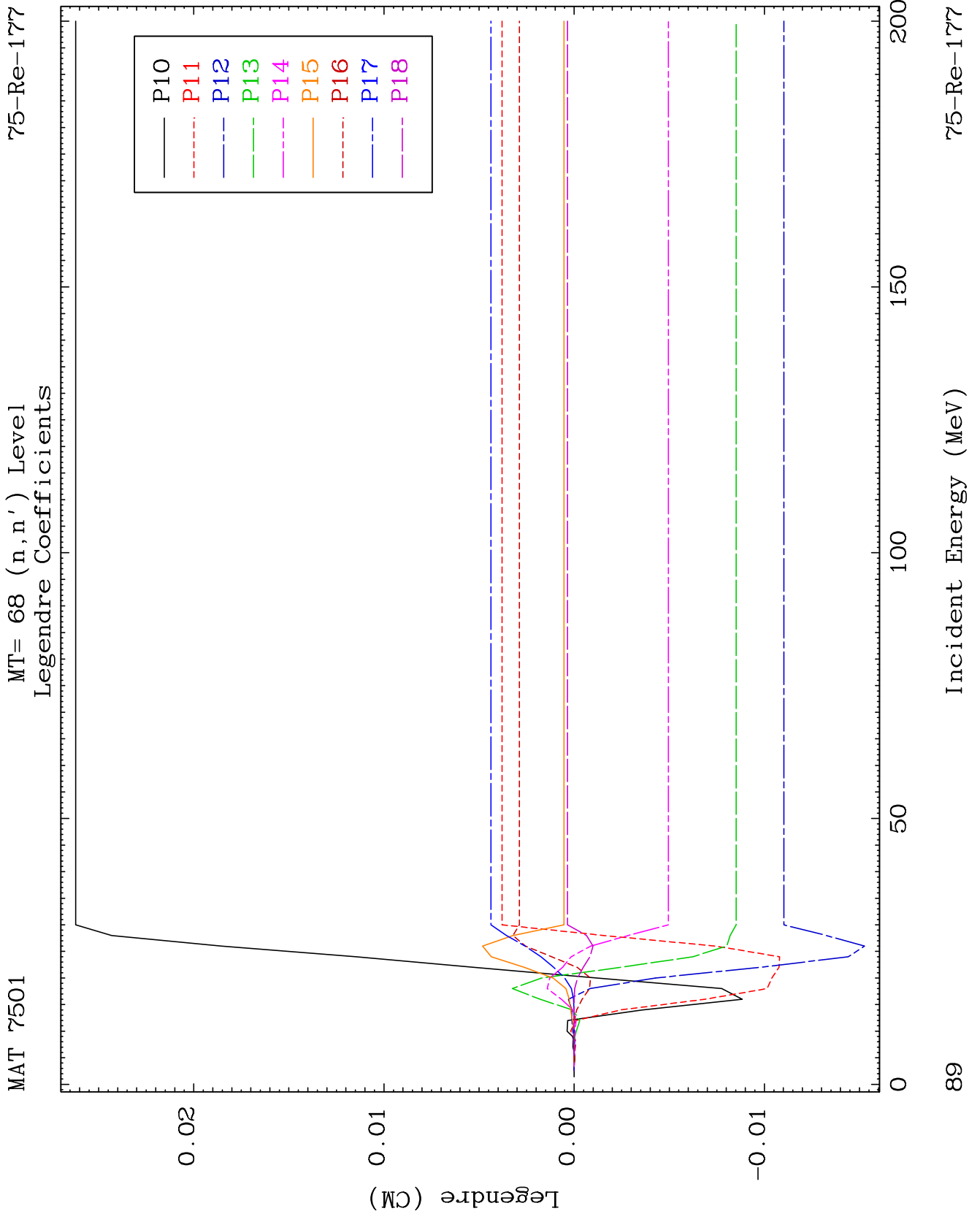
MAT 7501

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

75-Re-177



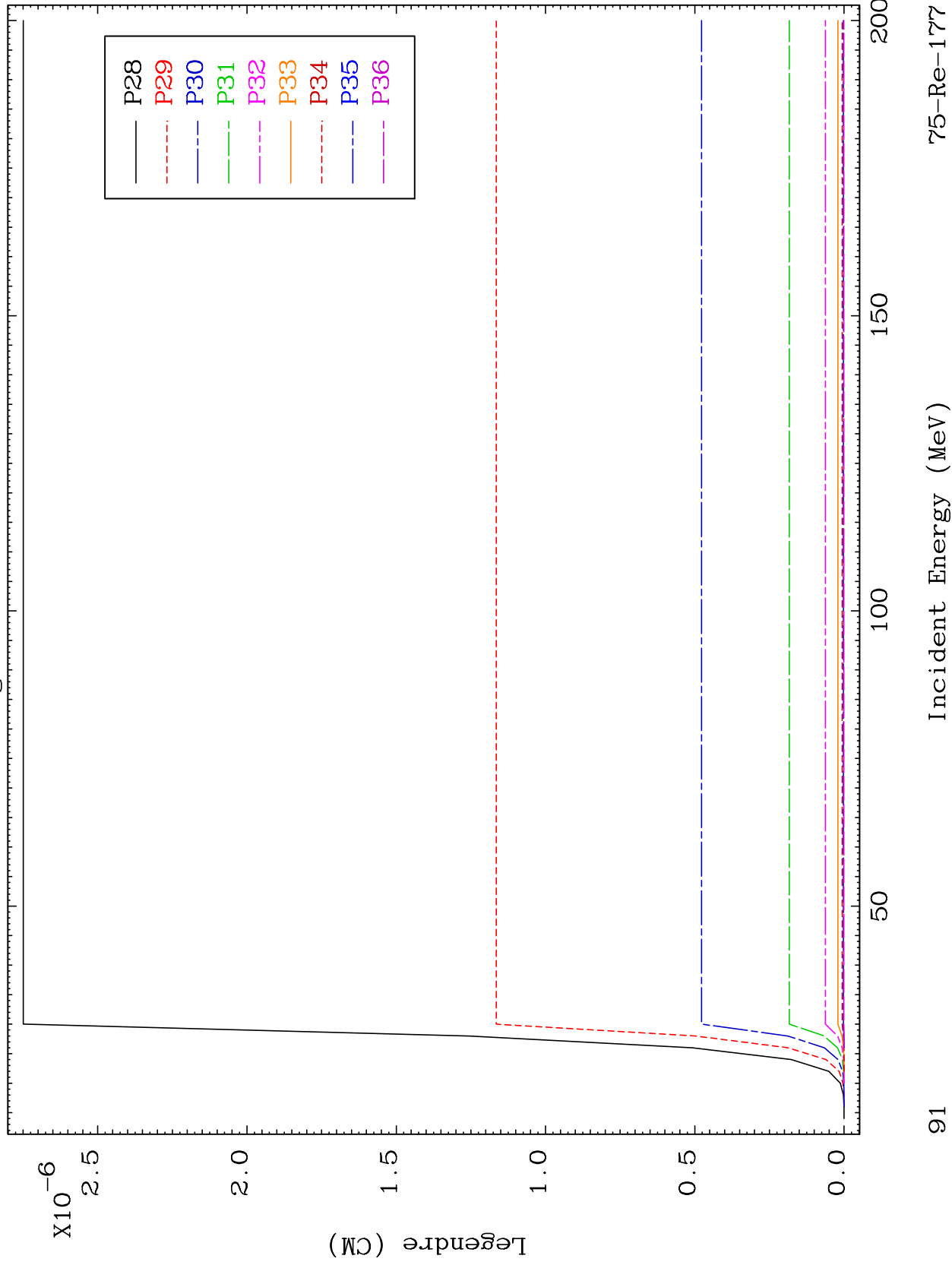




MAT 7501

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

75-Re-177



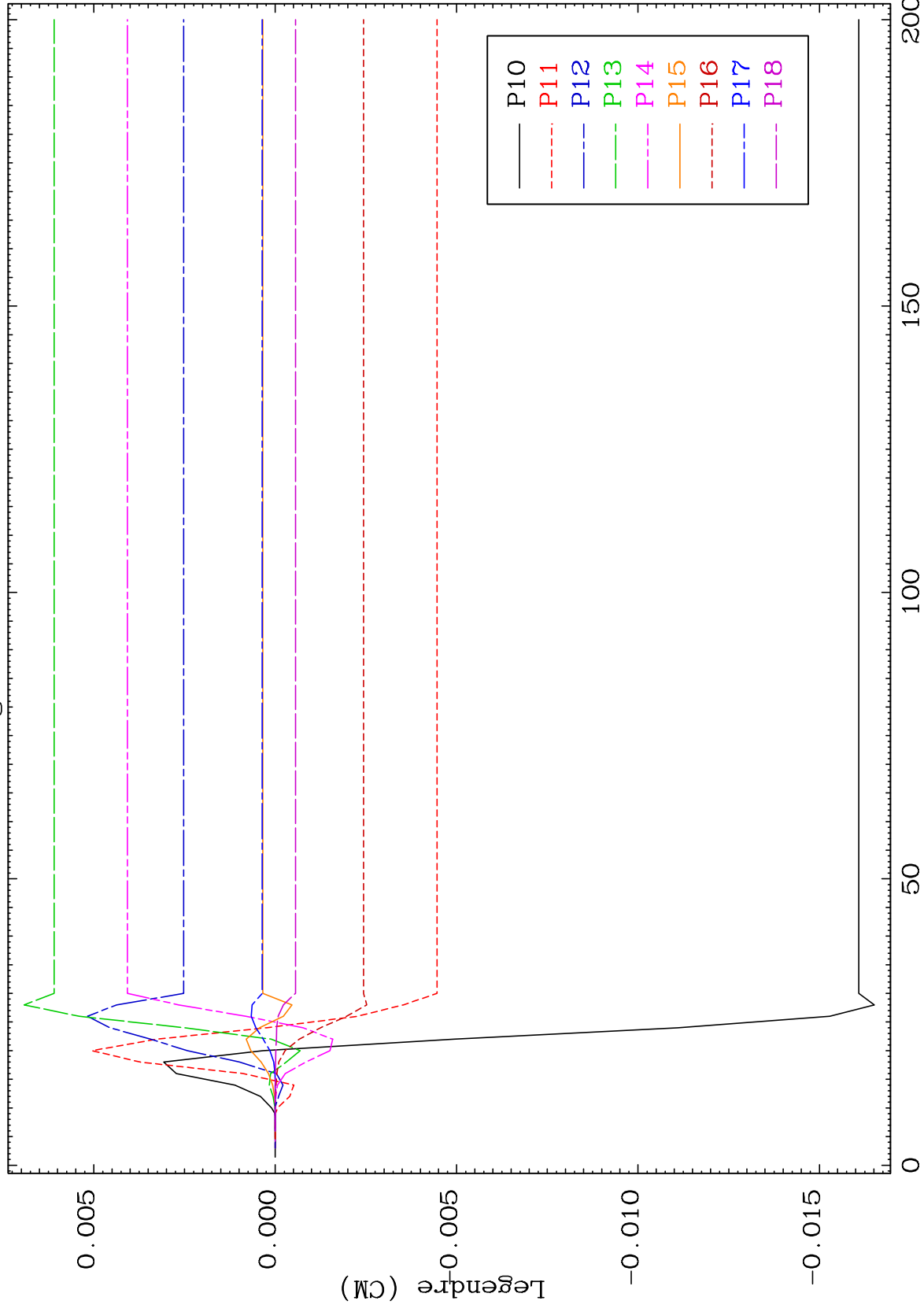
91

75-Re-177

MAT 7501

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

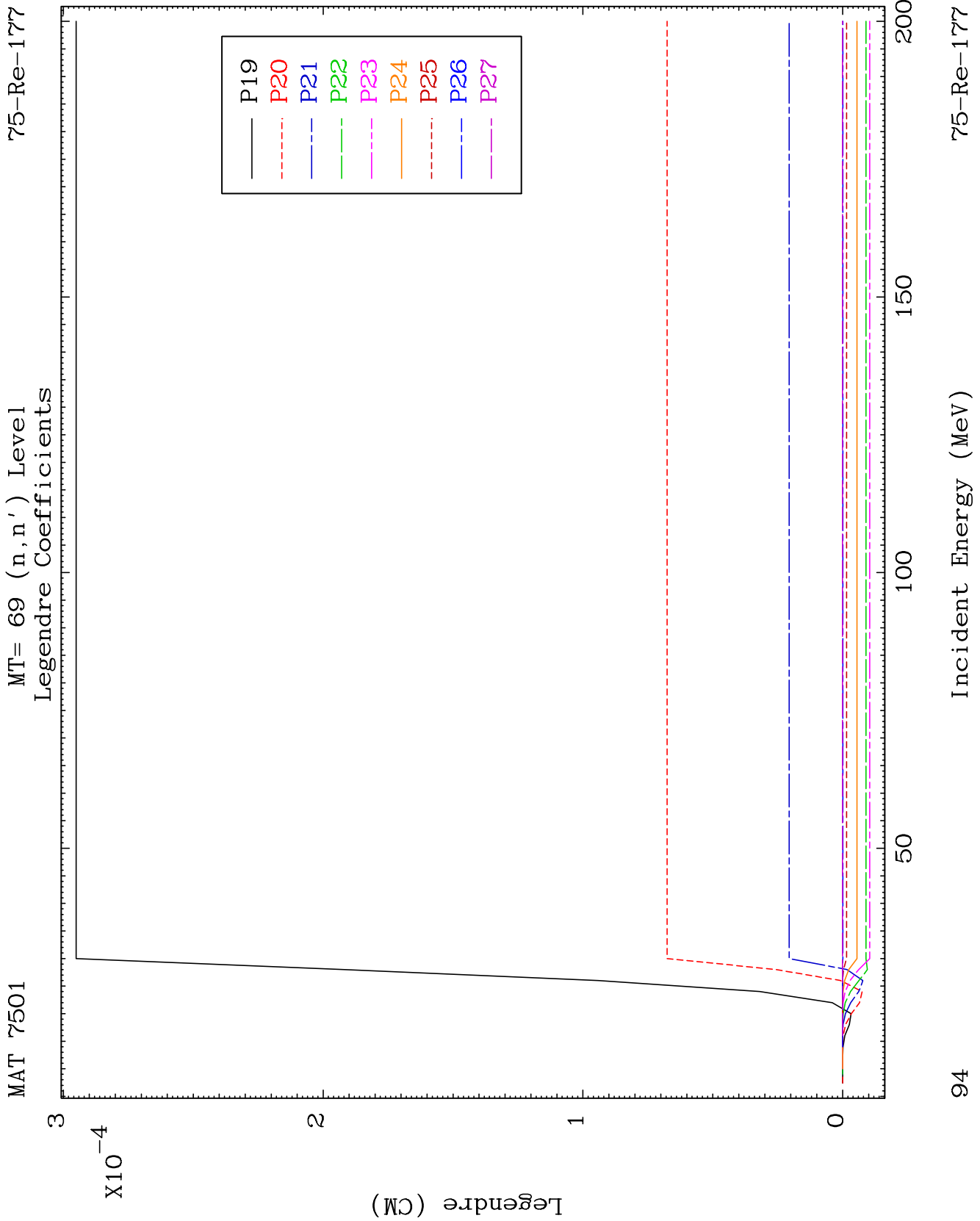
75-Re-177



93

Incident Energy (MeV)

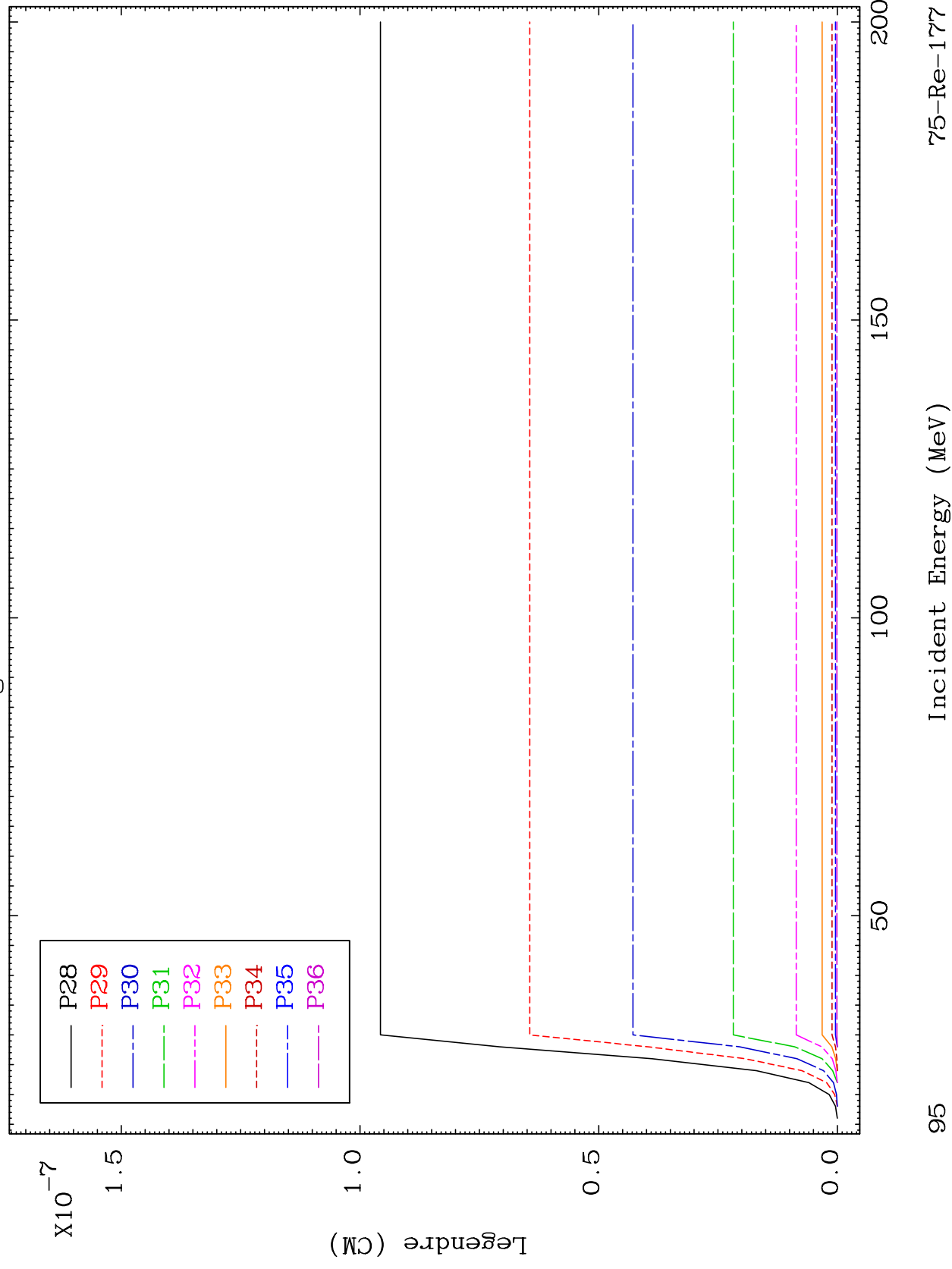
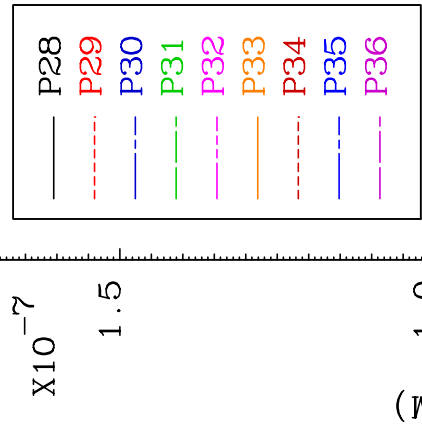
75-Re-177



MAT 7501

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

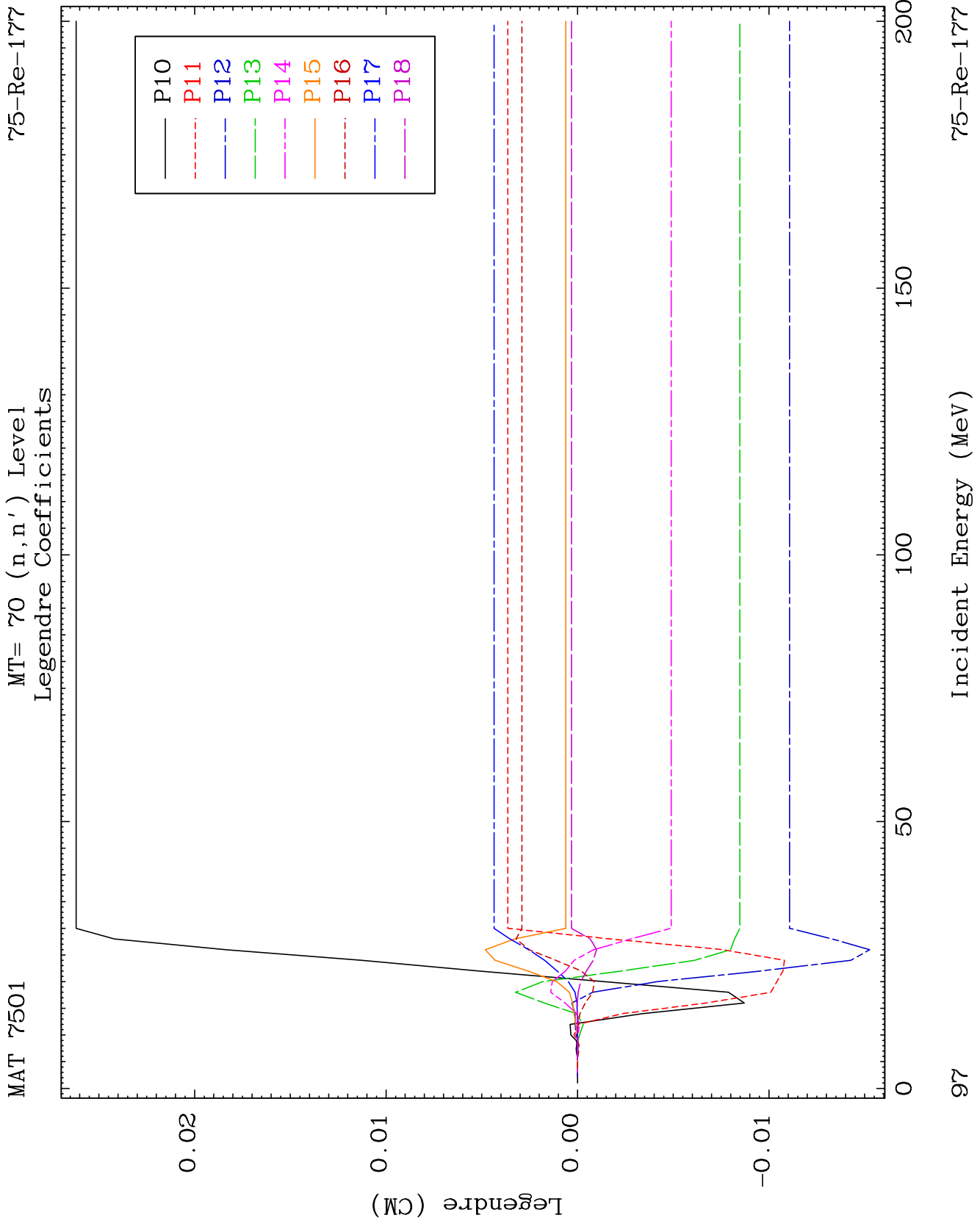
75-Re-177



95

Incident Energy (MeV)

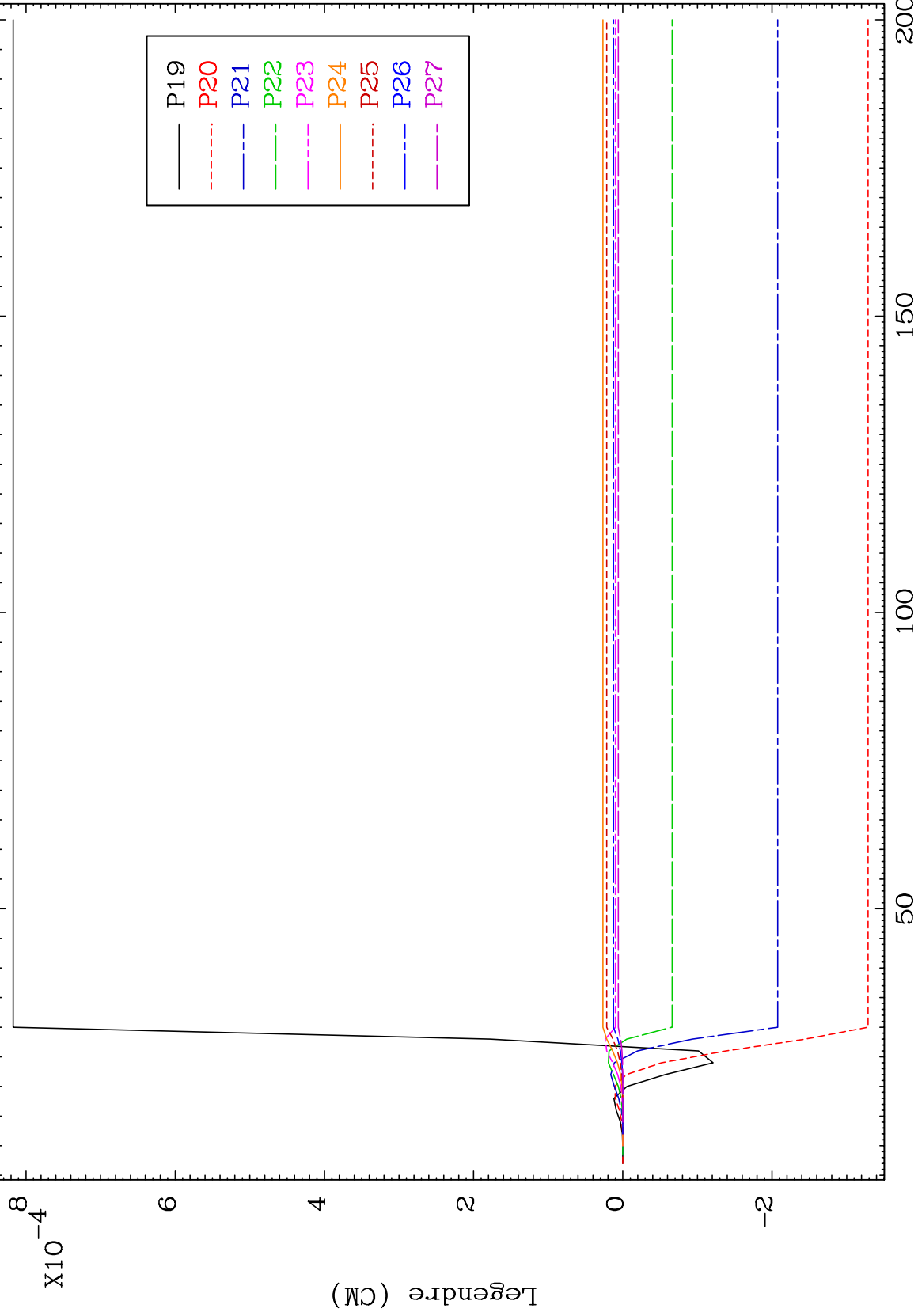
75-Re-177



MAT 7501

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

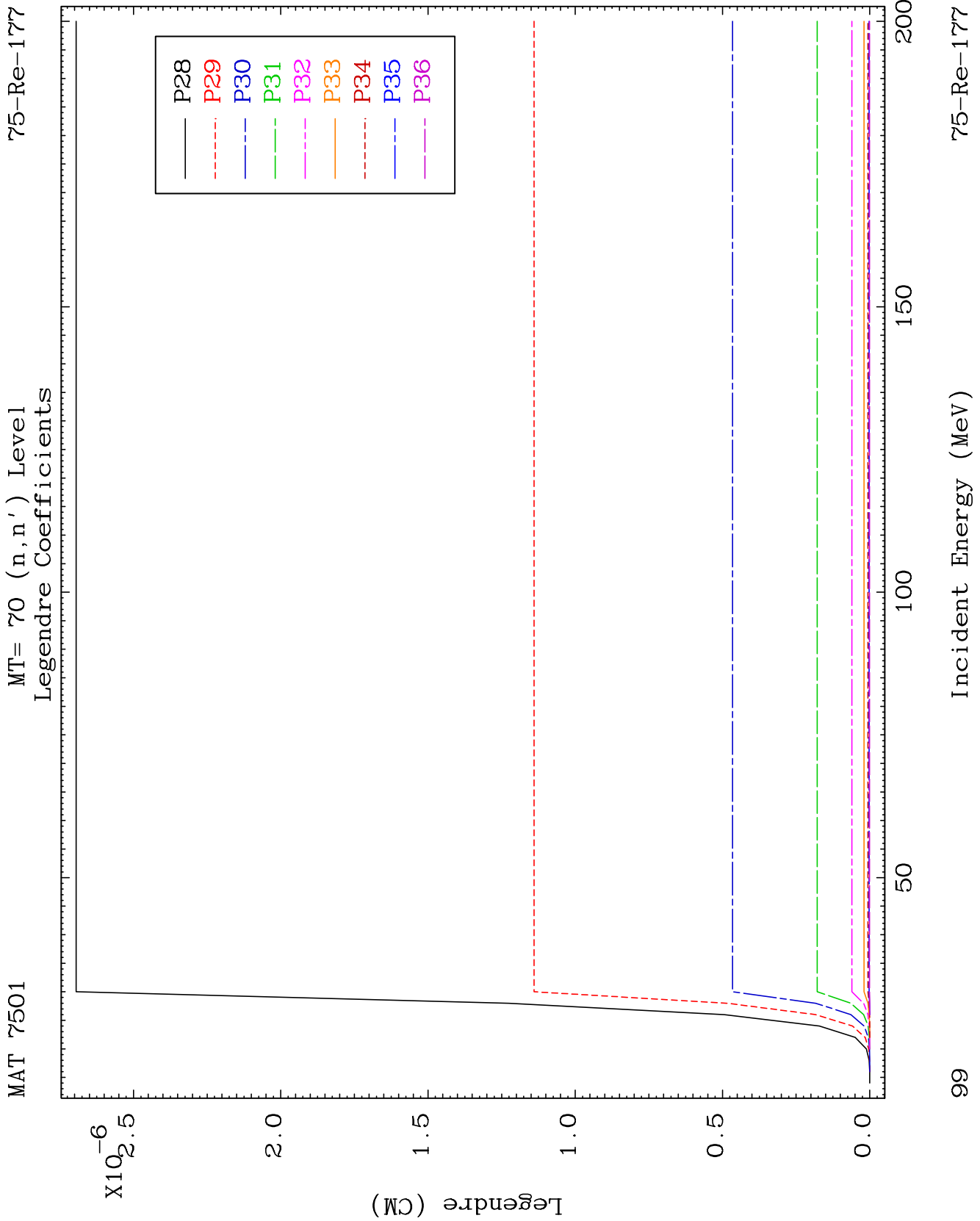
75-Re-177

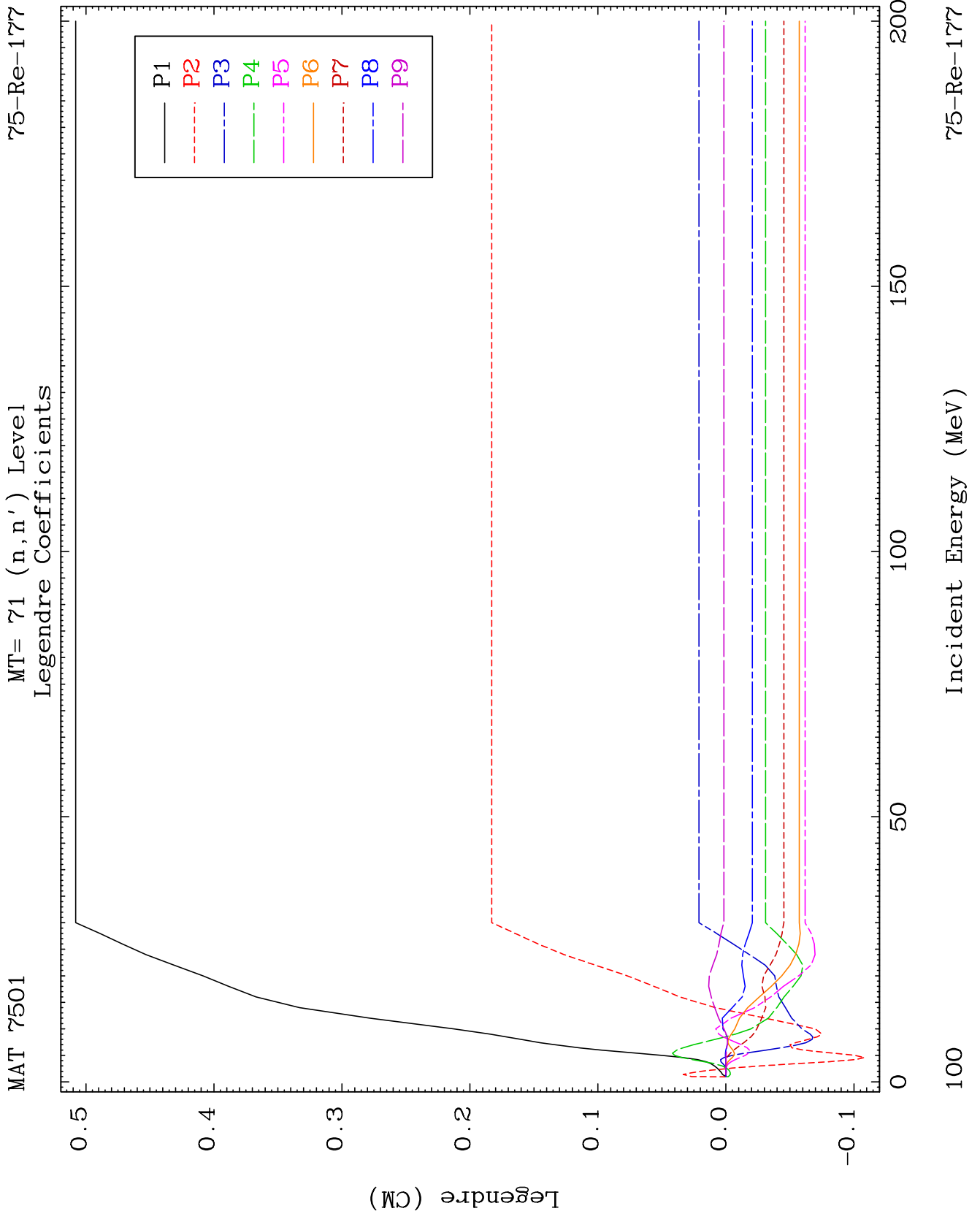


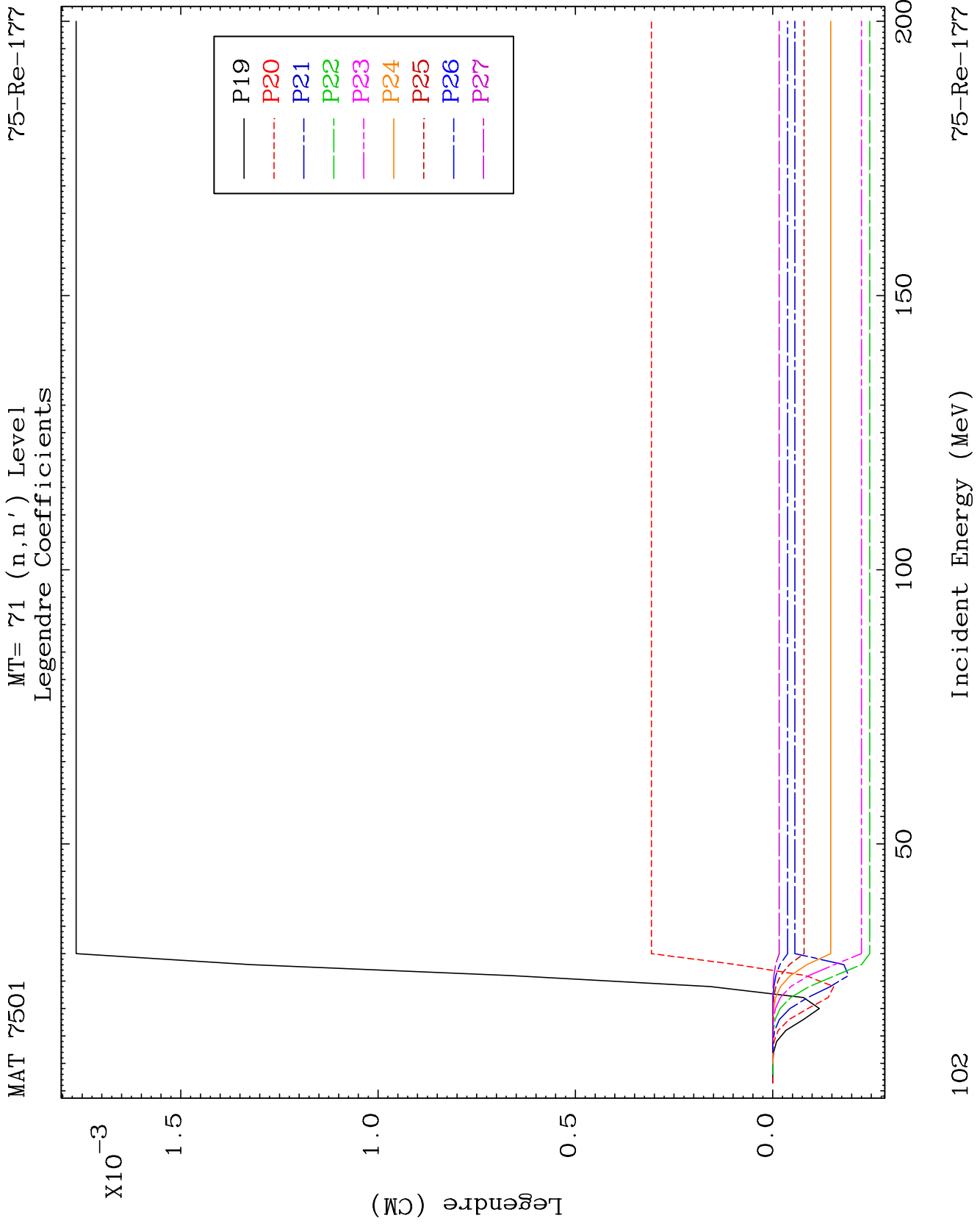
98

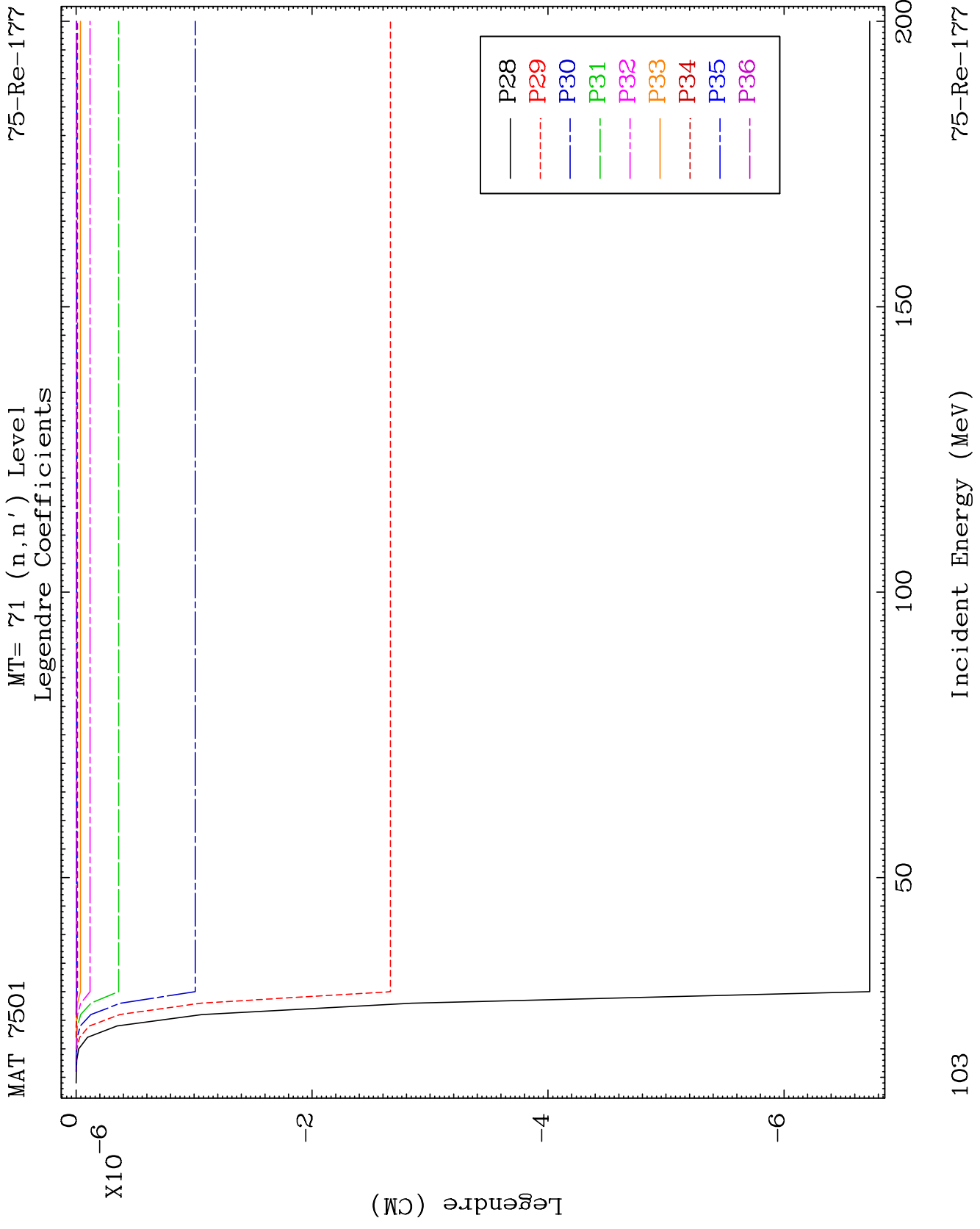
Incident Energy (MeV)

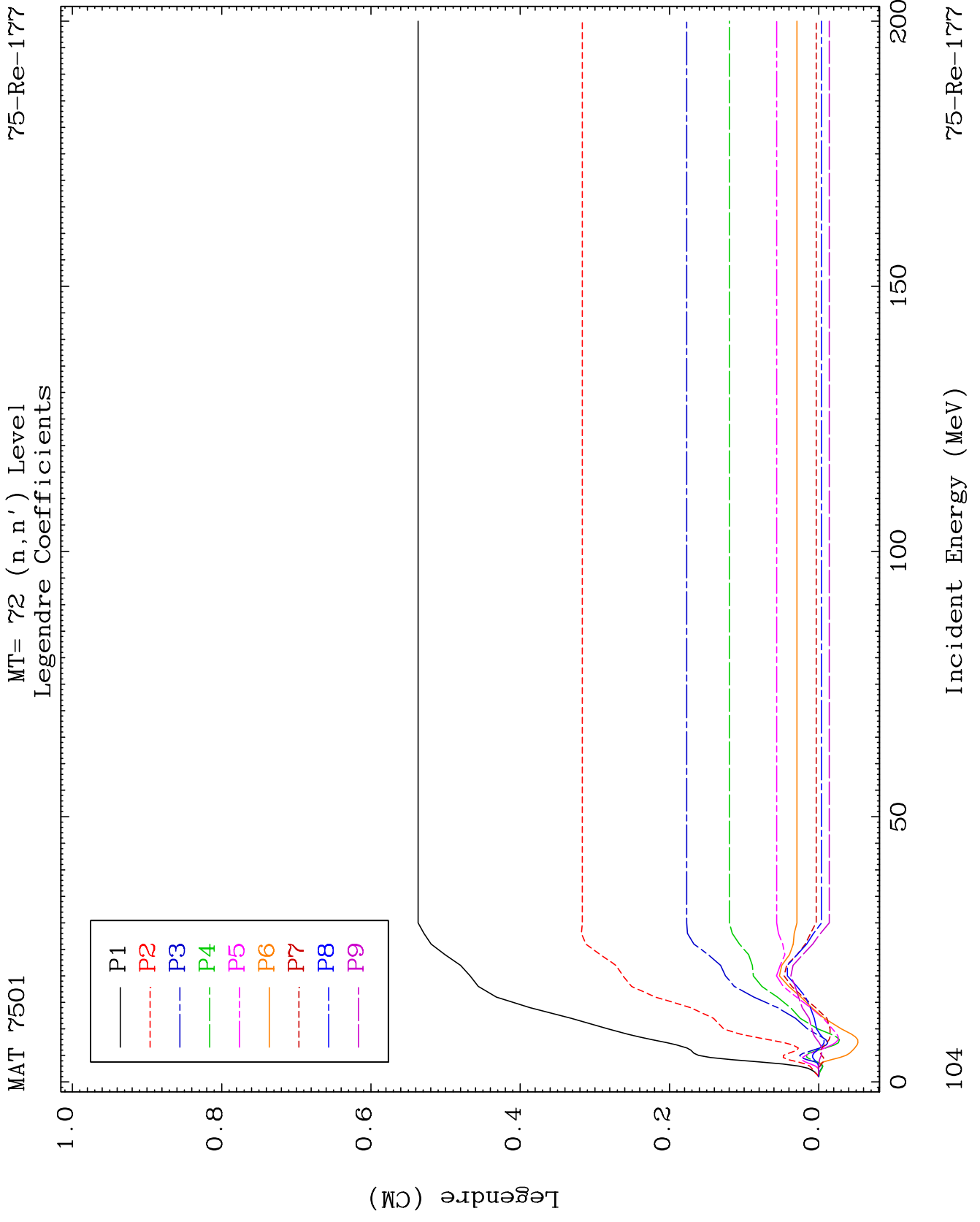
75-Re-177

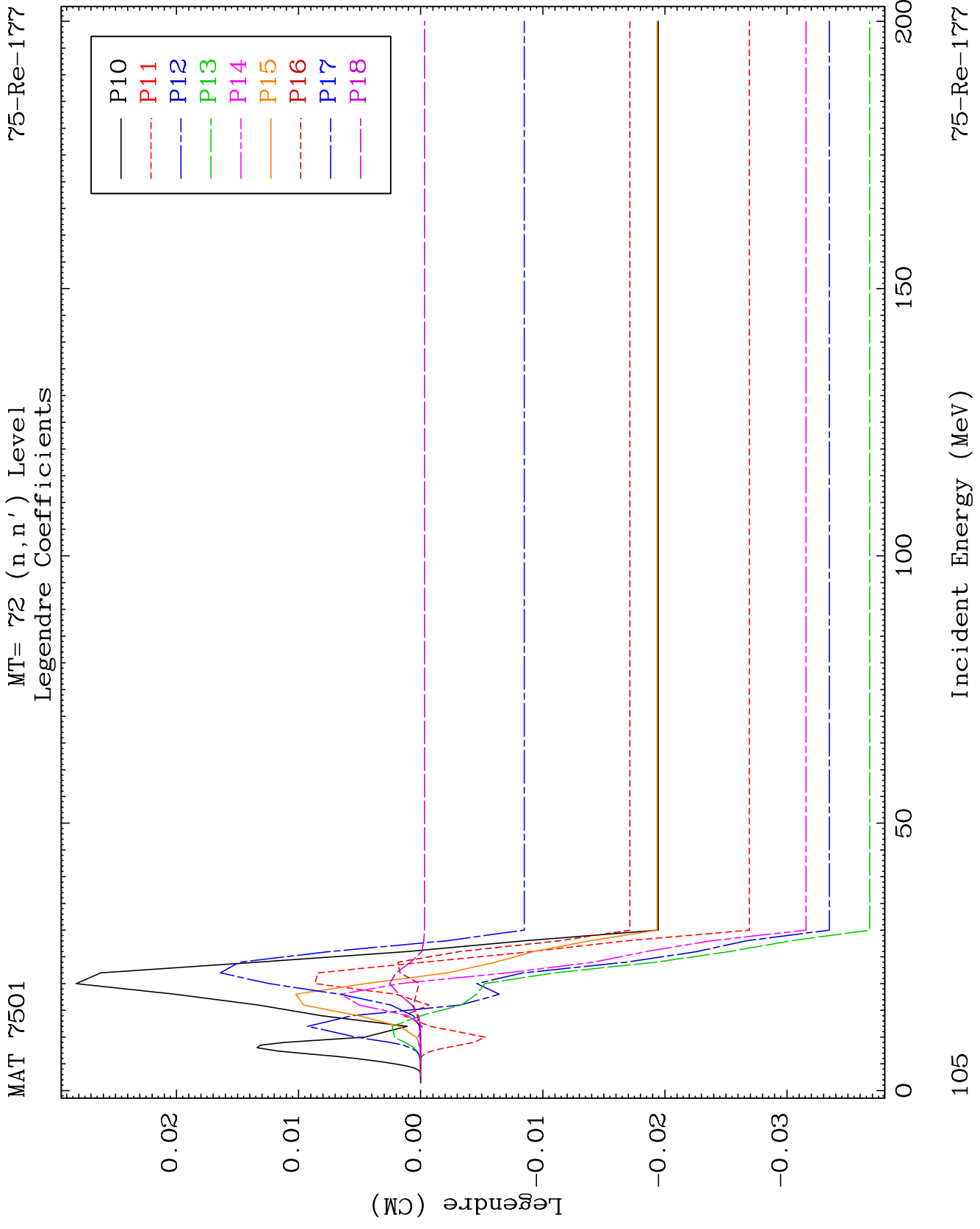


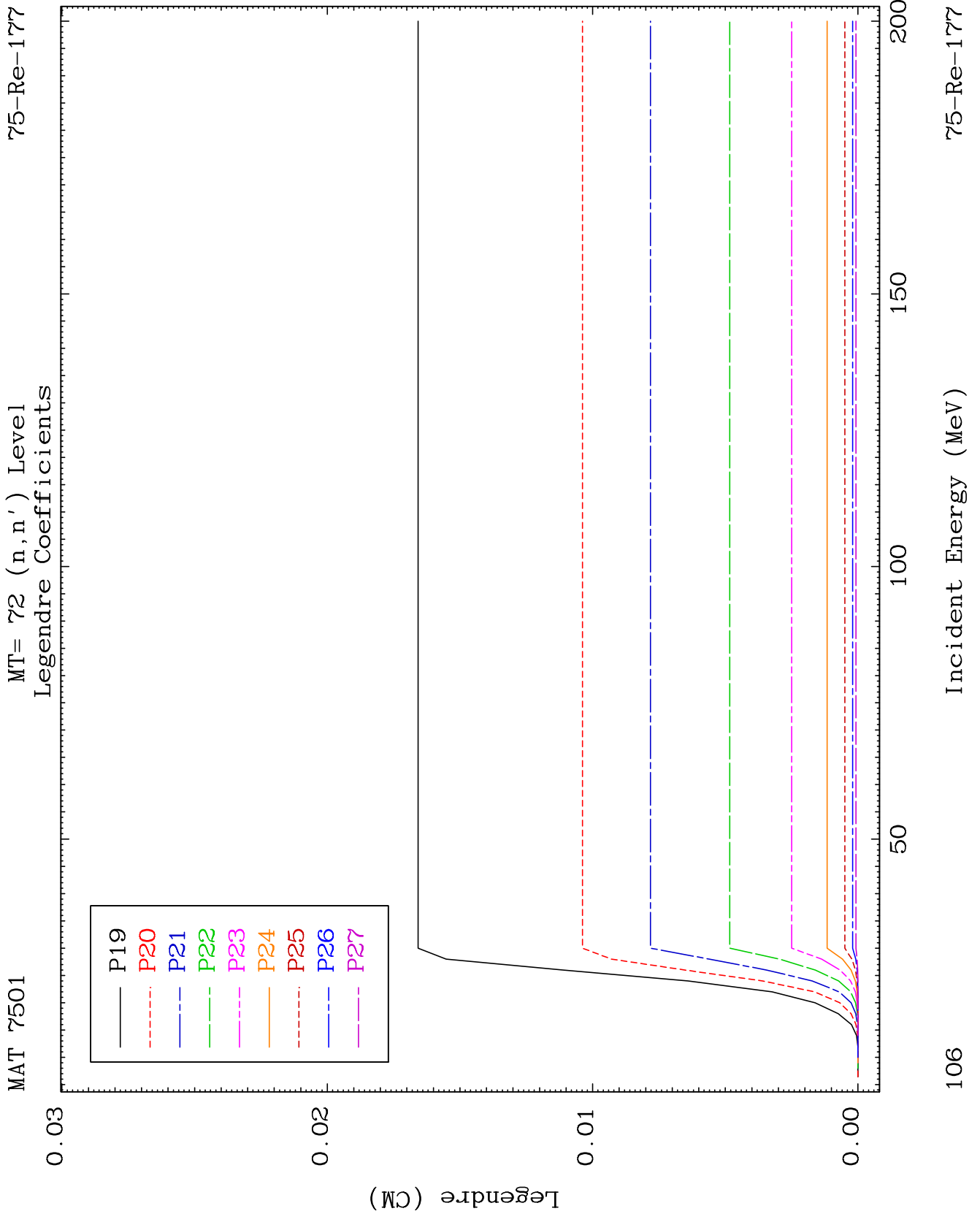








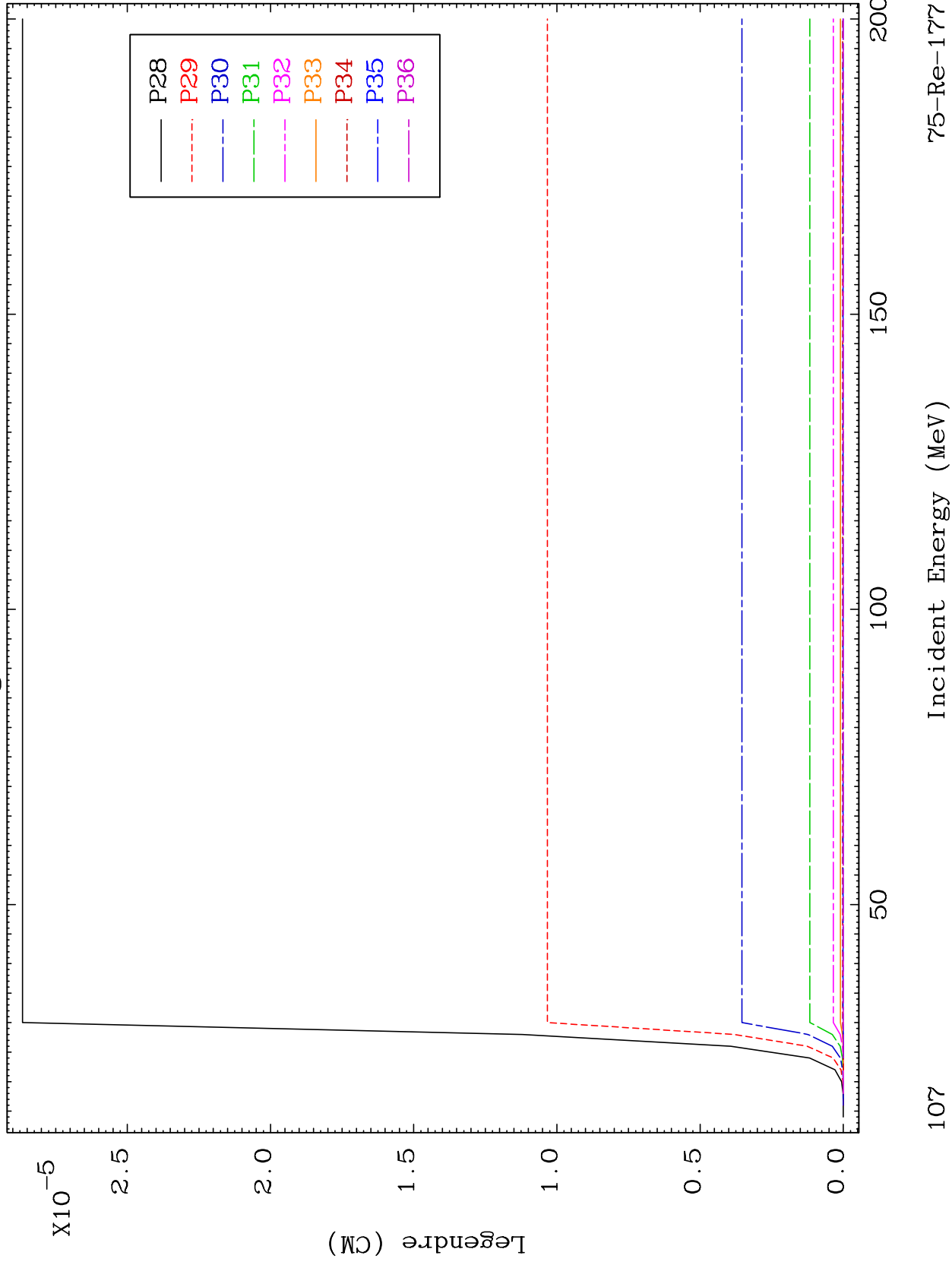




MAT 7501

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

75-Re-177

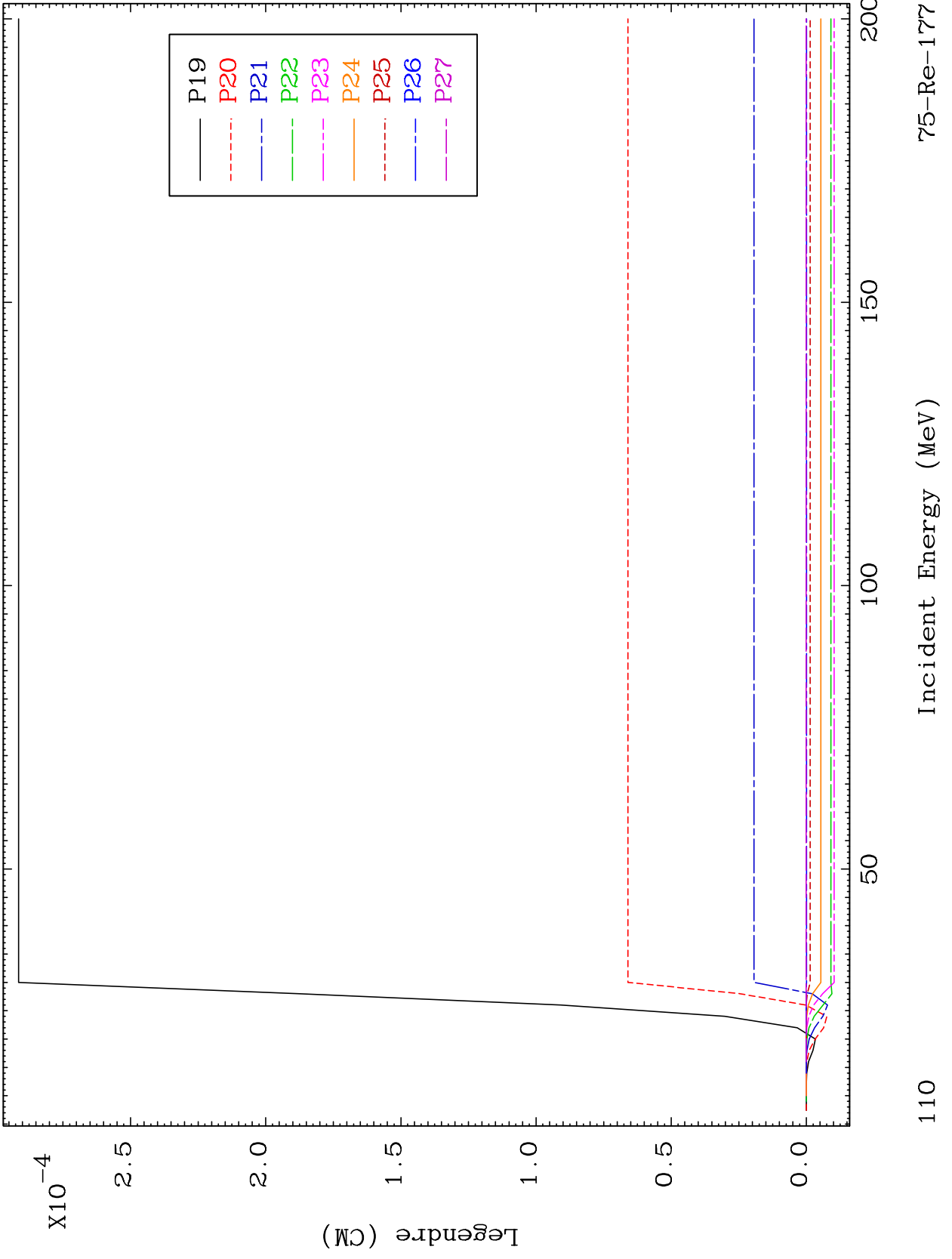


107

MAT 7501

MT= 73 (n,n') Level
Legendre Coefficients

75-Re-177



75-Re-177

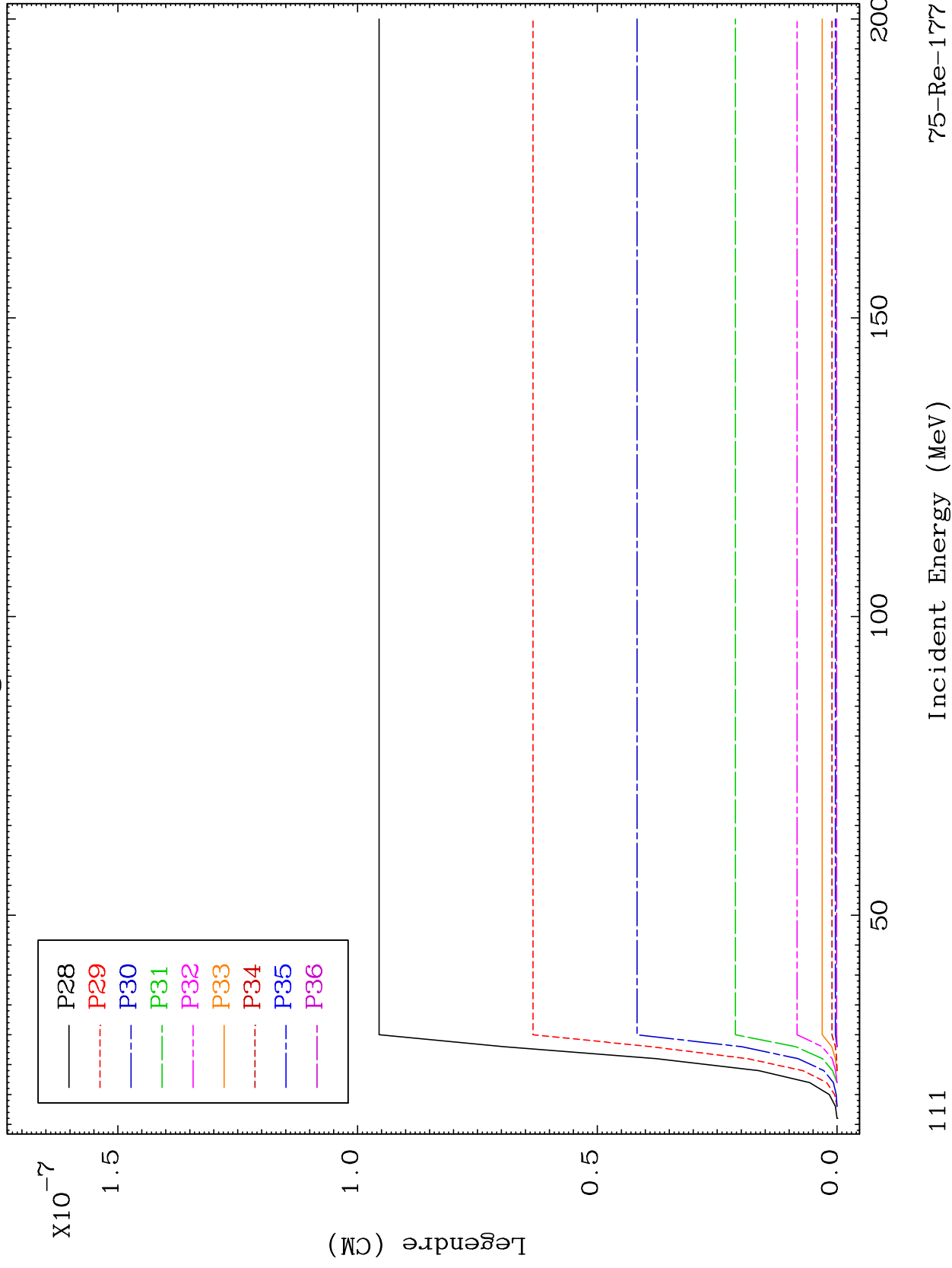
Incident Energy (MeV)

110

MAT 7501

MT= 73 (n,n') Level
Legendre Coefficients

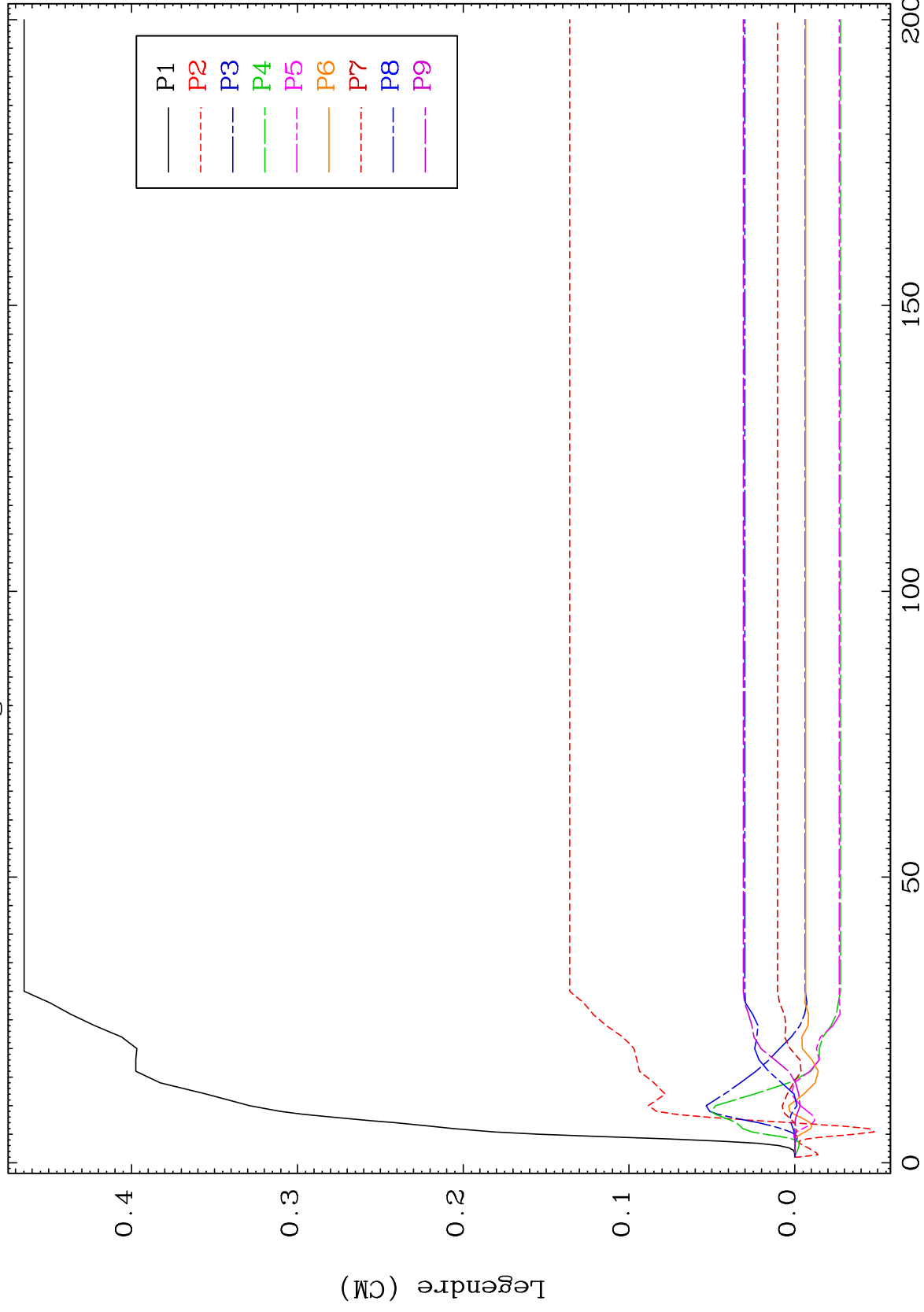
75-Re-177



MAT 7501

MT= 74 (n,n') Level
Legendre Coefficients

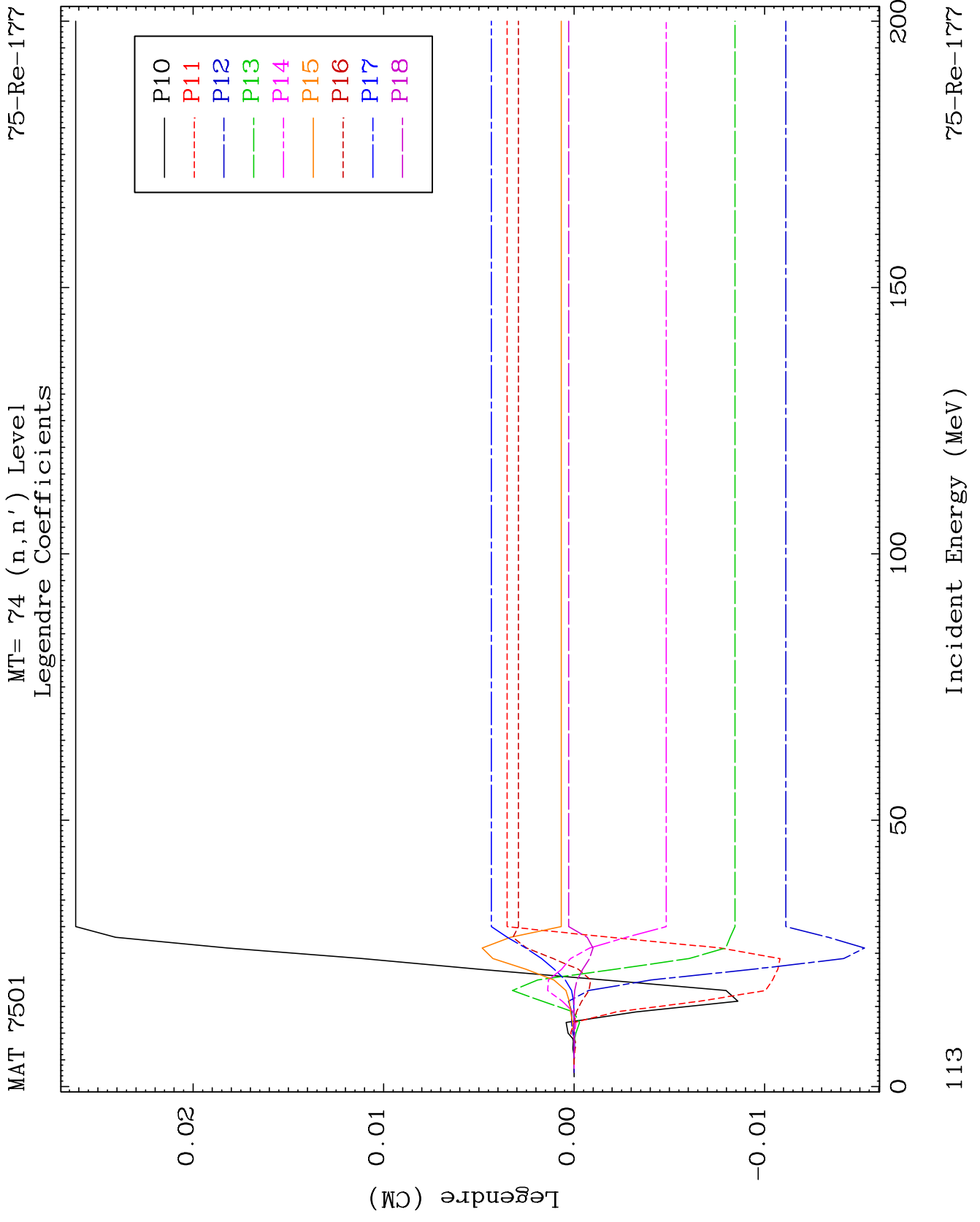
75-Re-177



112

Incident Energy (MeV)

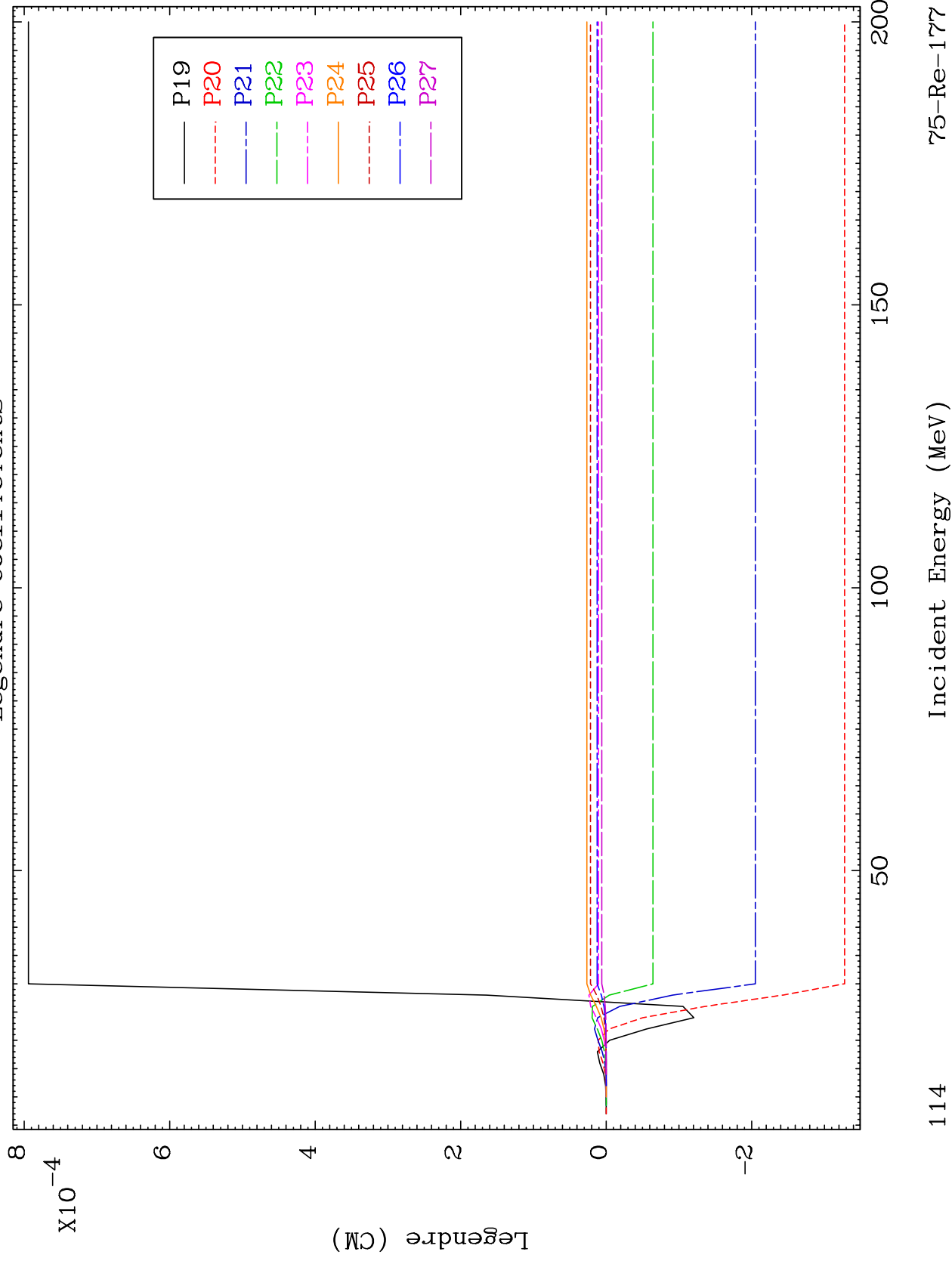
75-Re-177

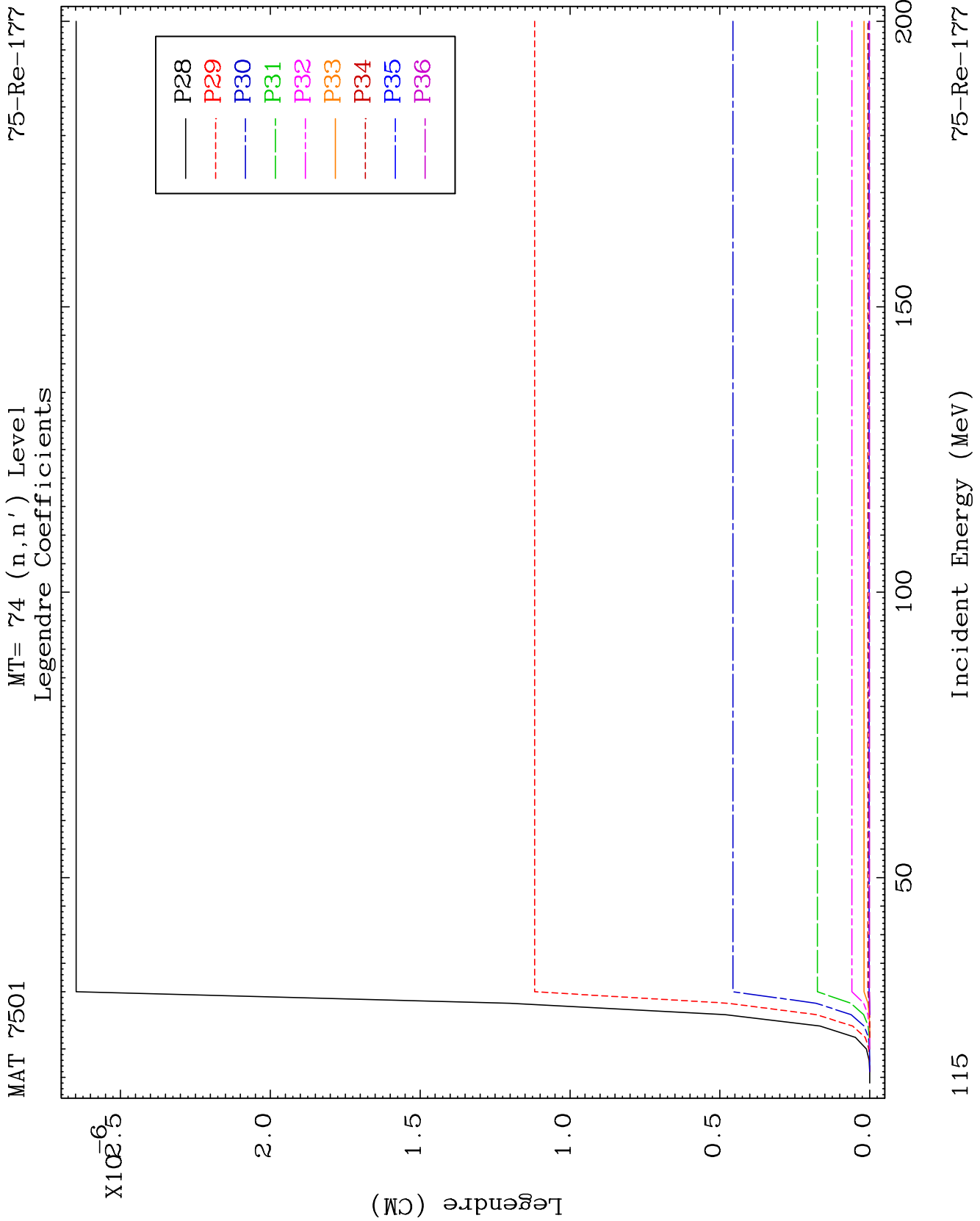


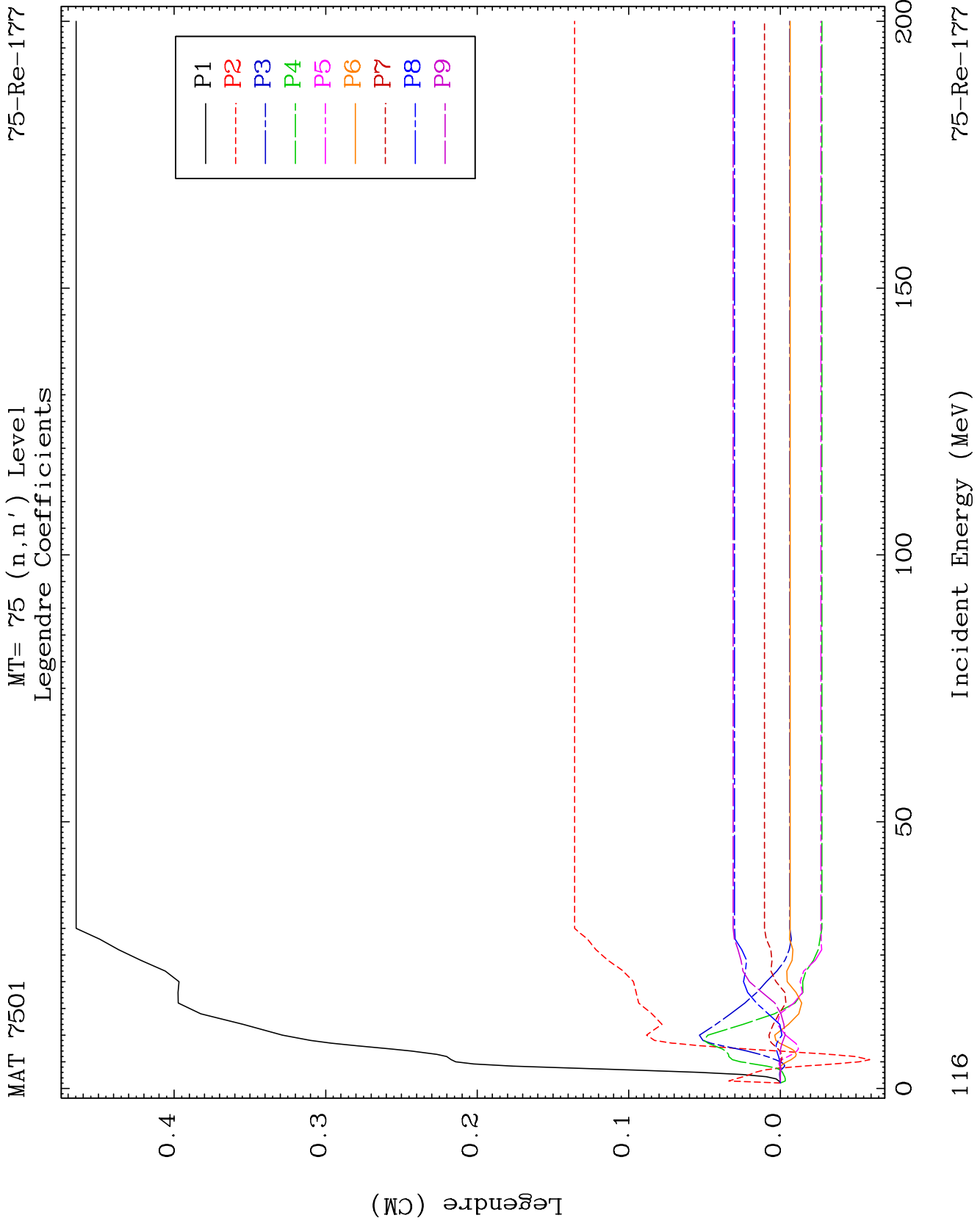
MAT 7501

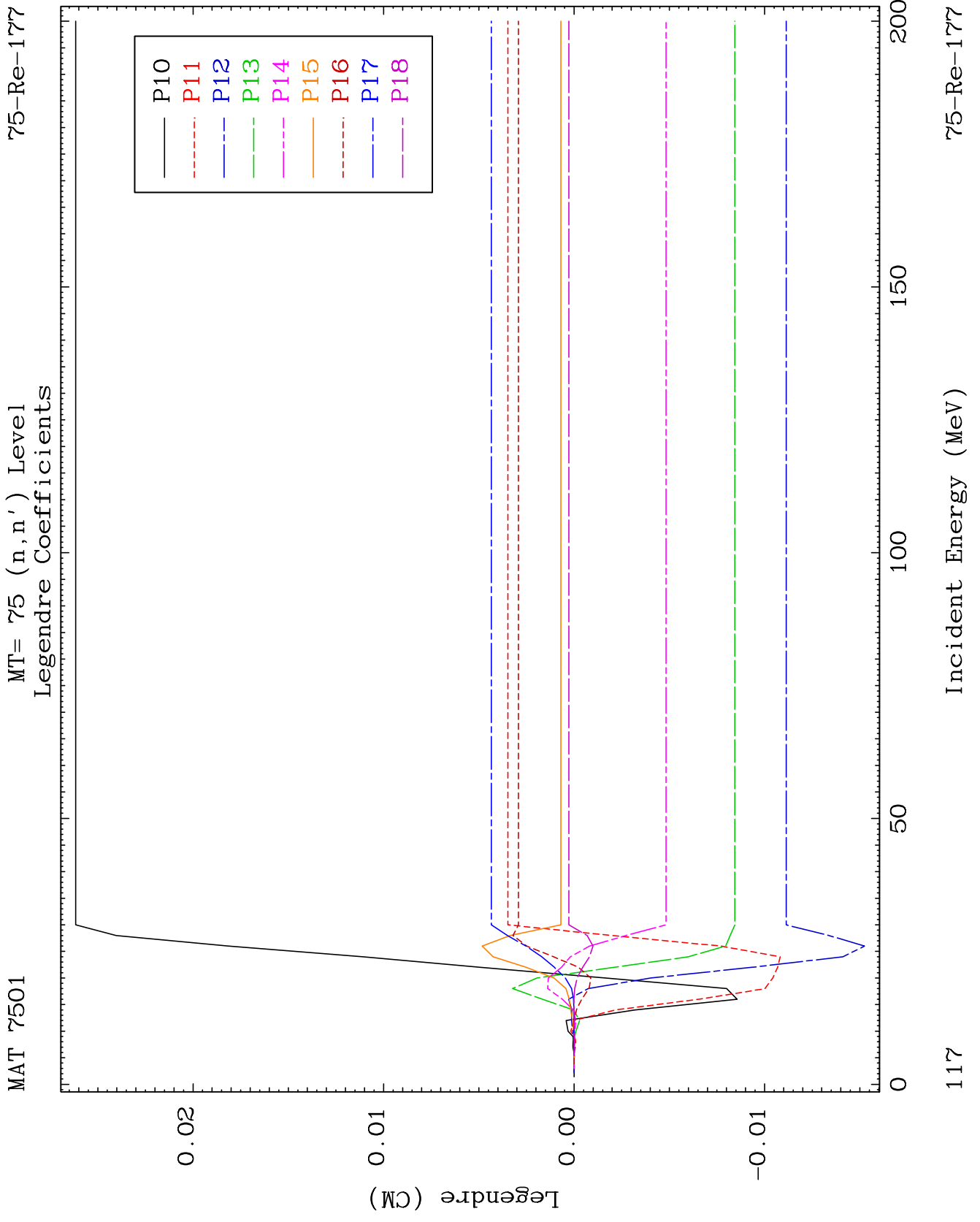
MT= 74 (n,n') Level
Legendre Coefficients

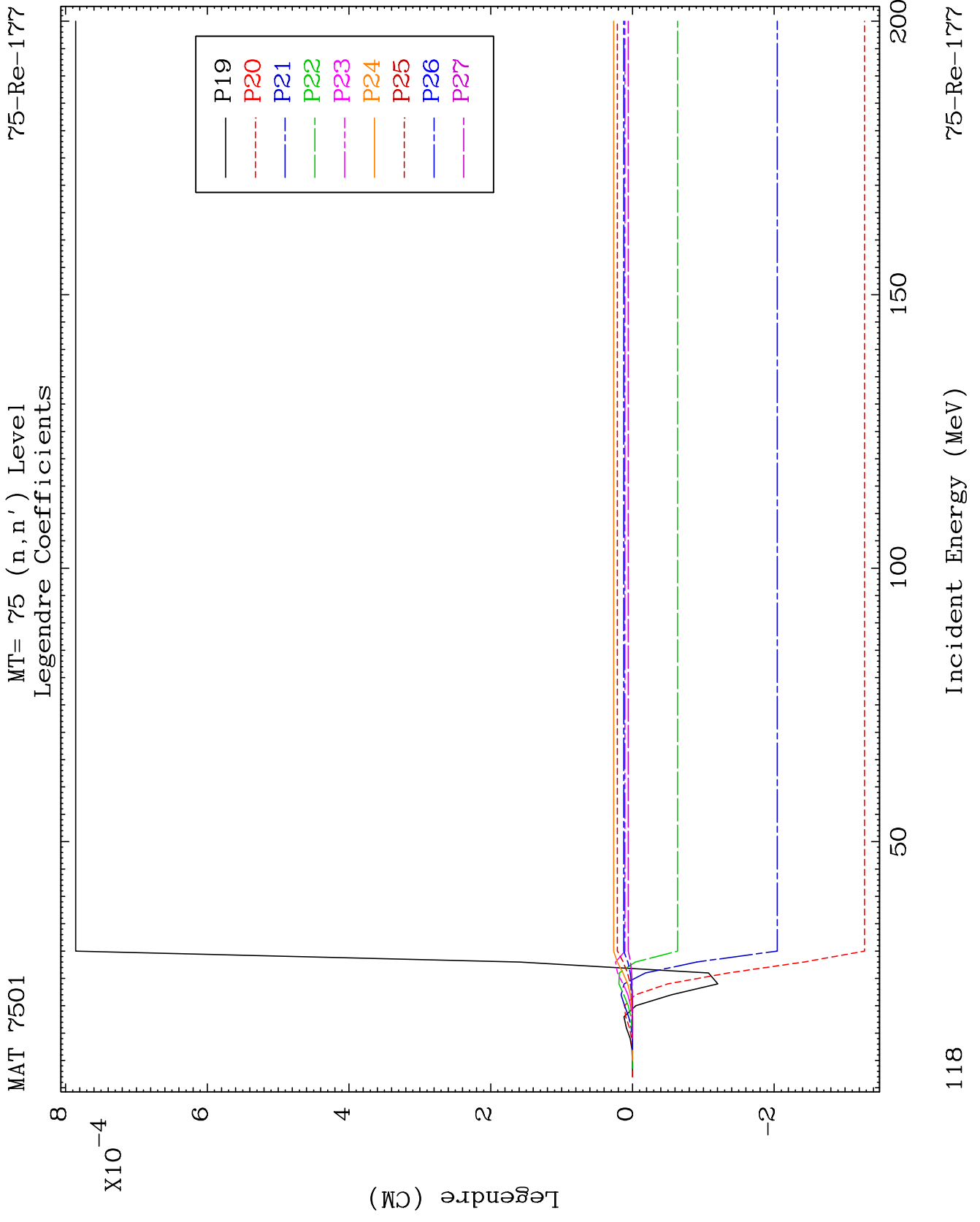
75-Re-177

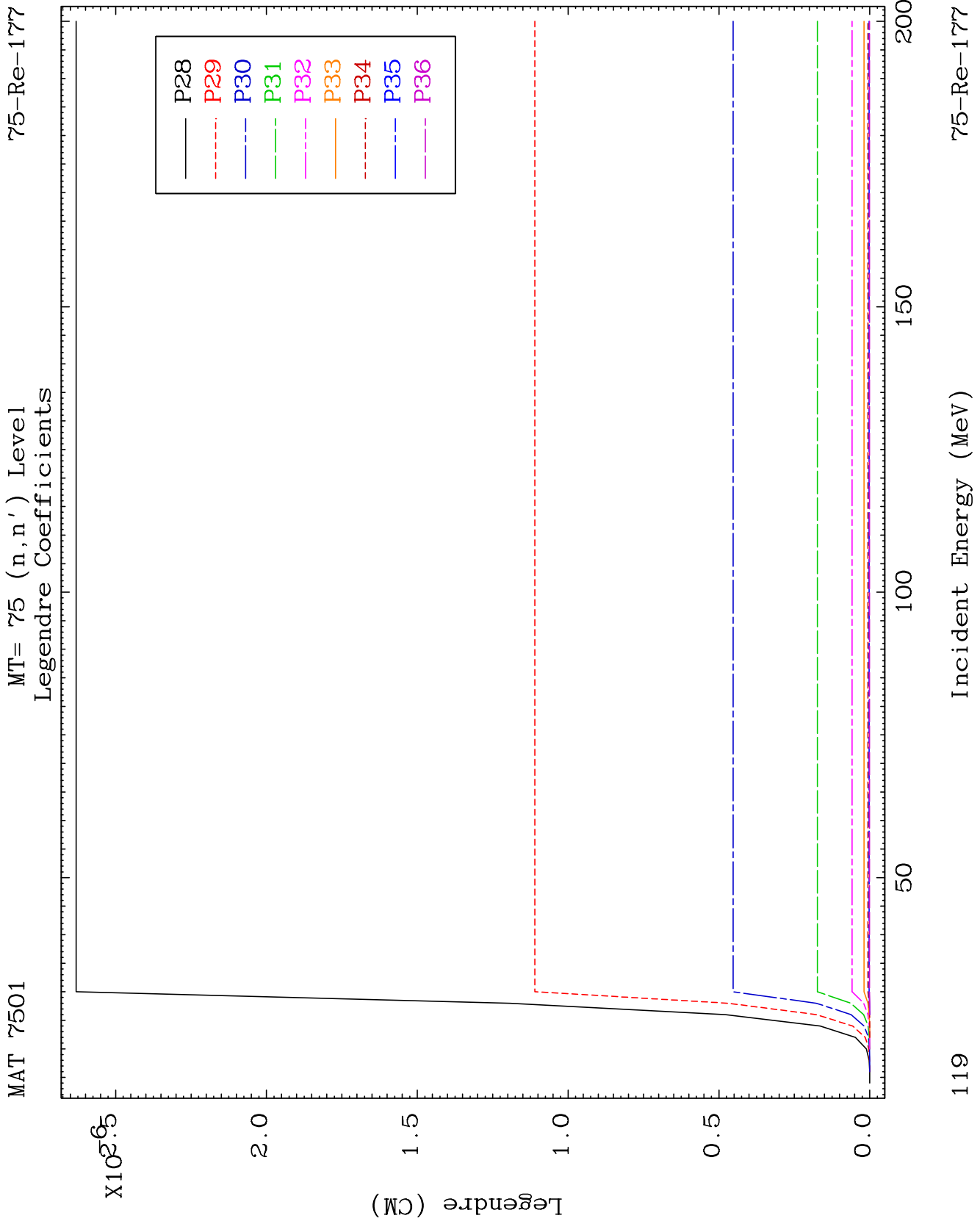


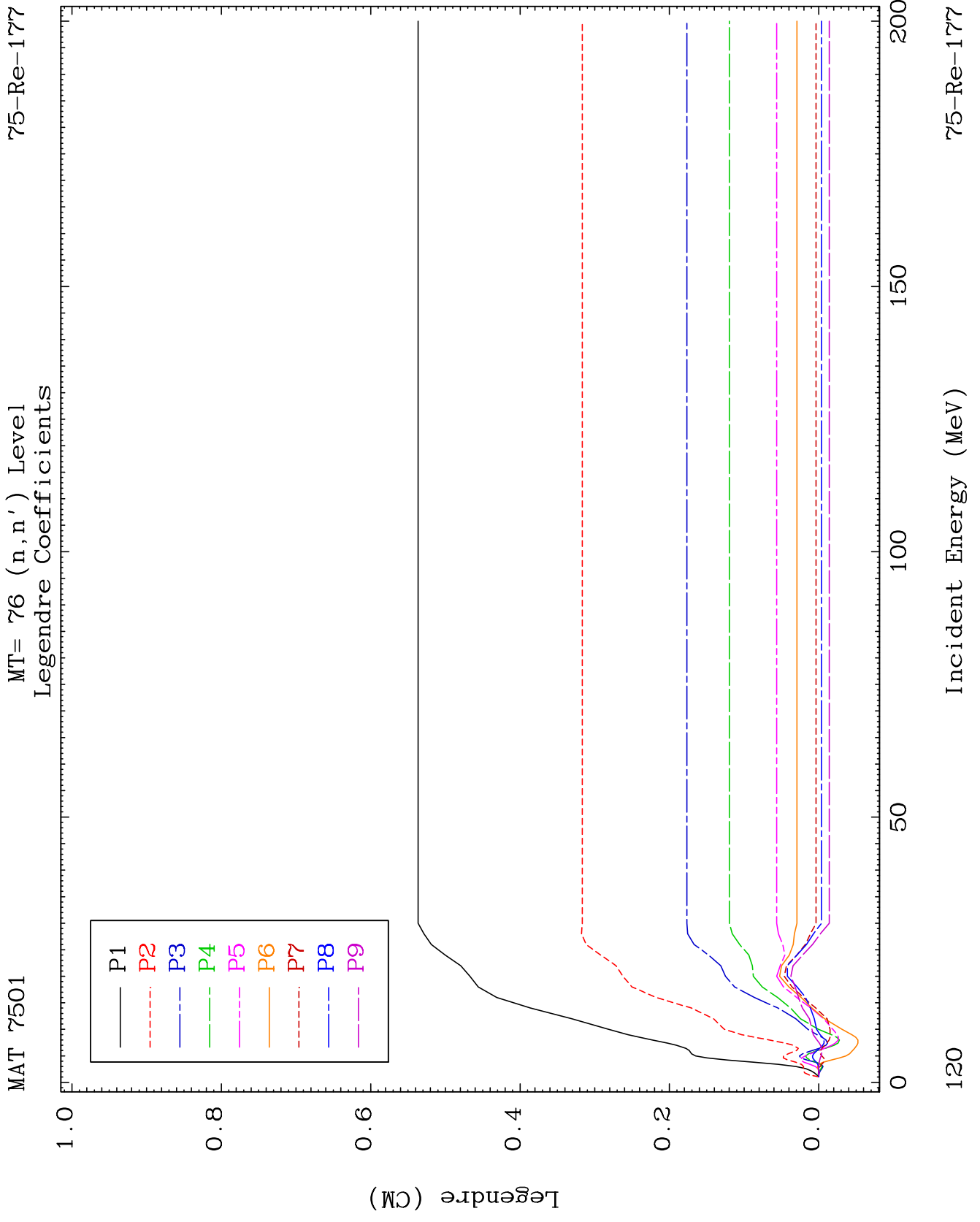


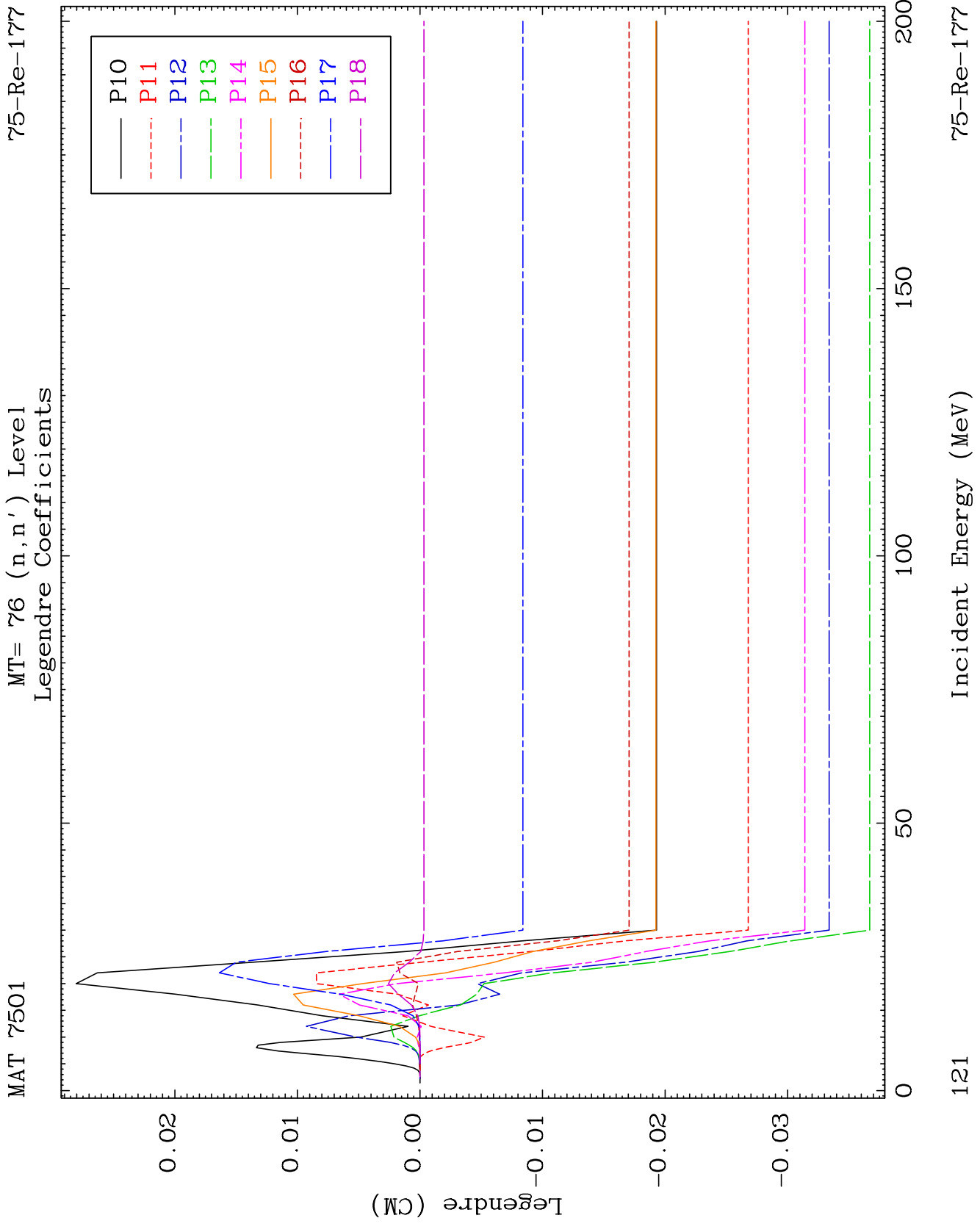








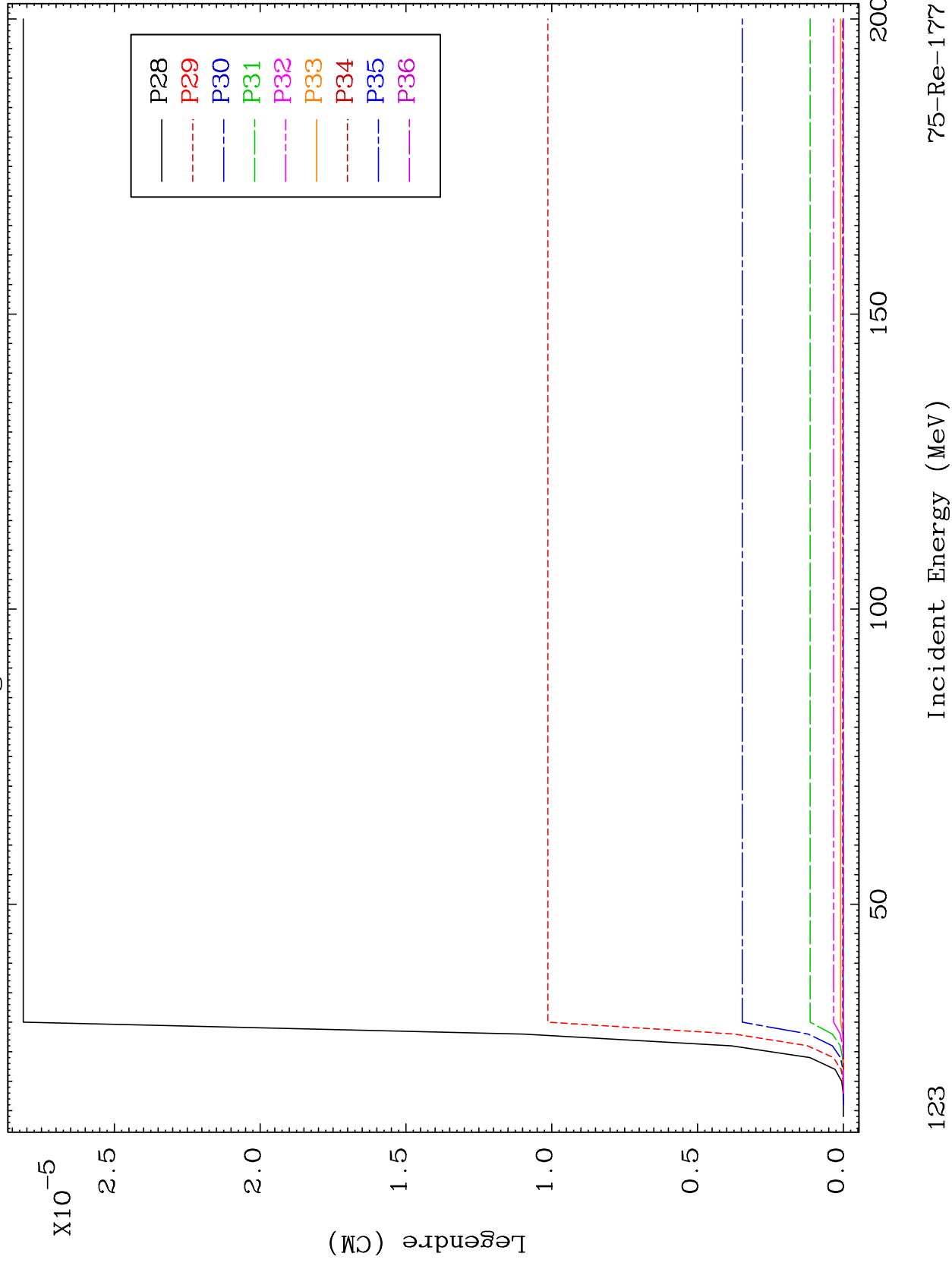


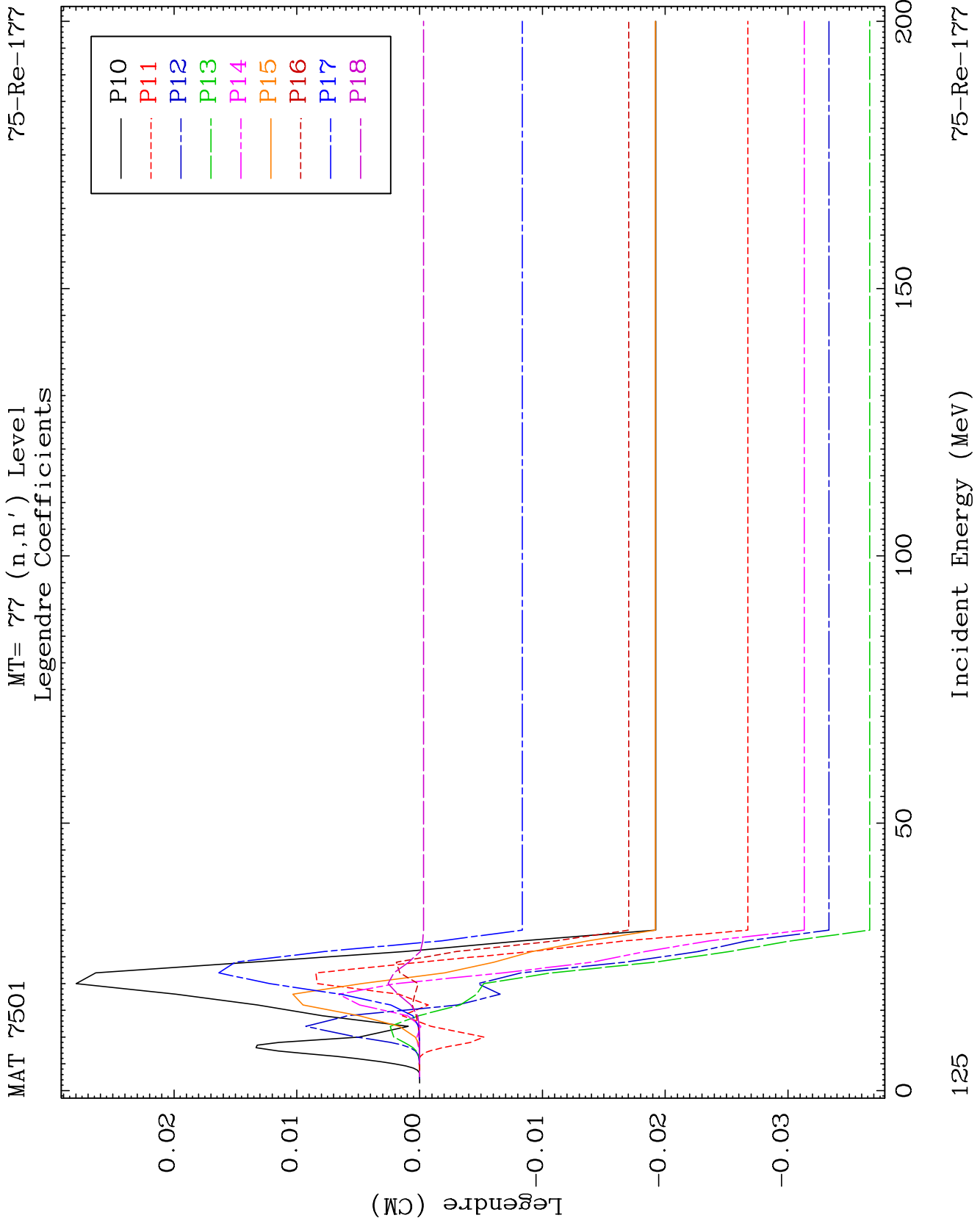


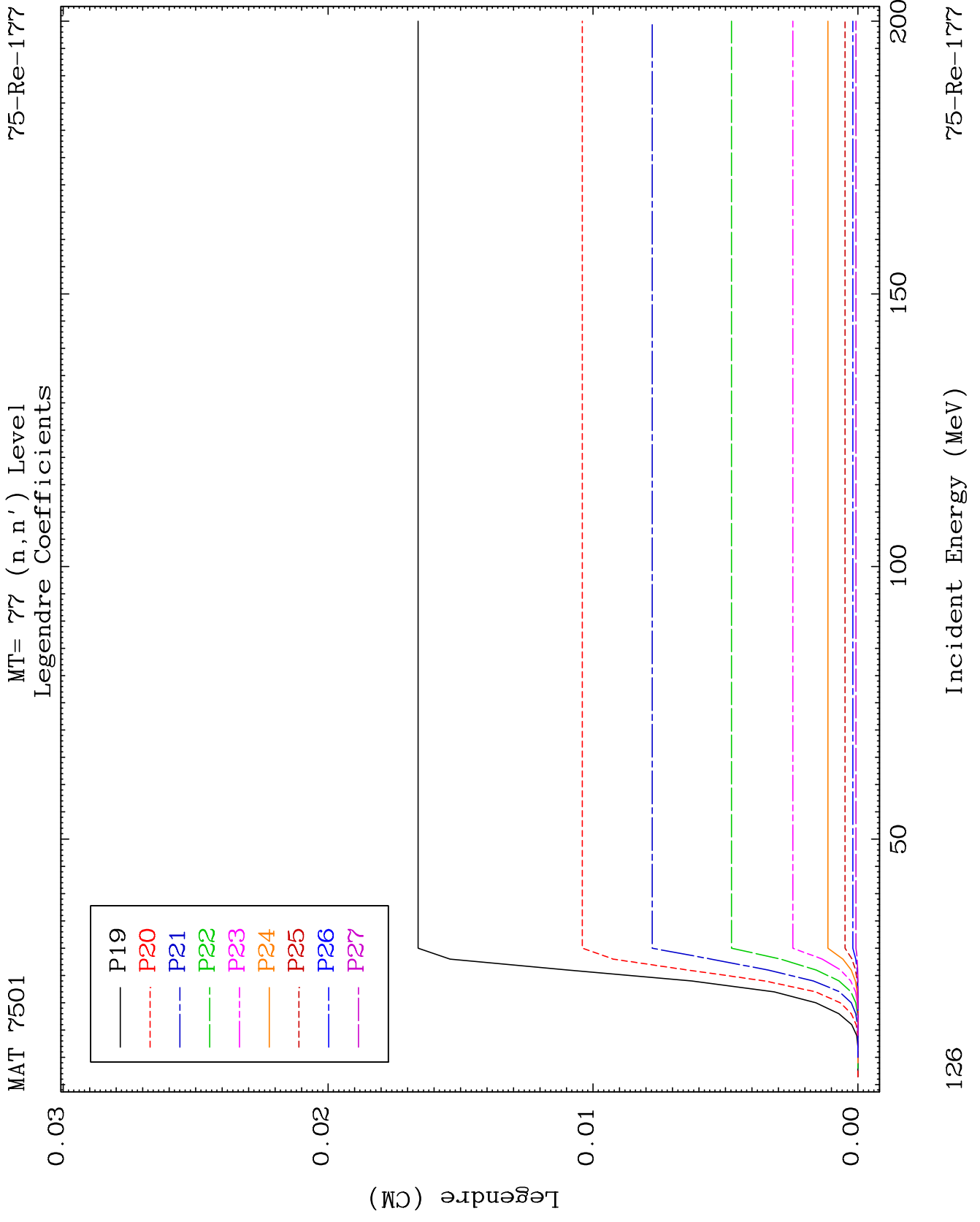
MAT 7501

MT= 76 (n,n') Level
Legendre Coefficients

75-Re-177



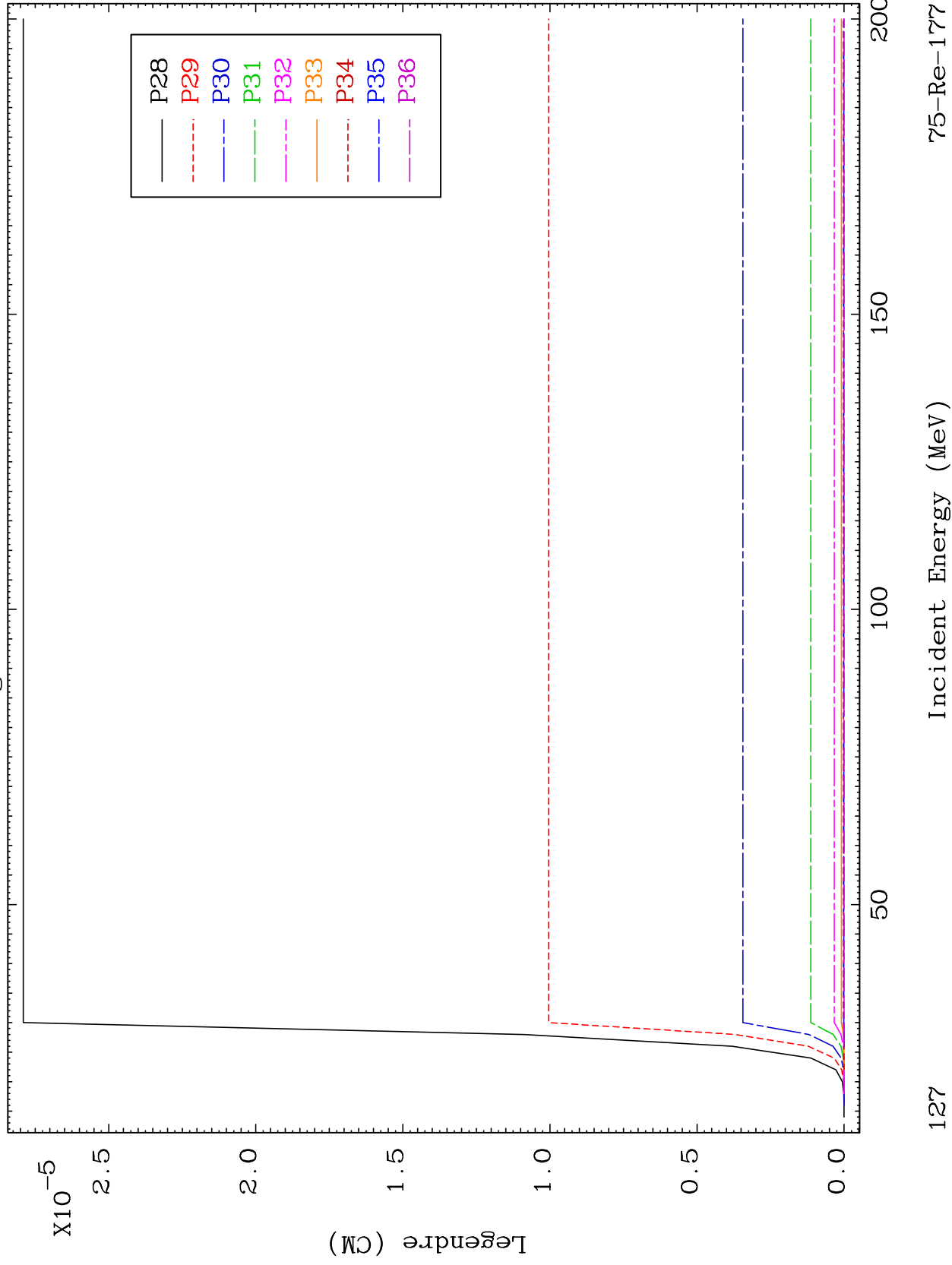




MAT 7501

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

75-Re-177



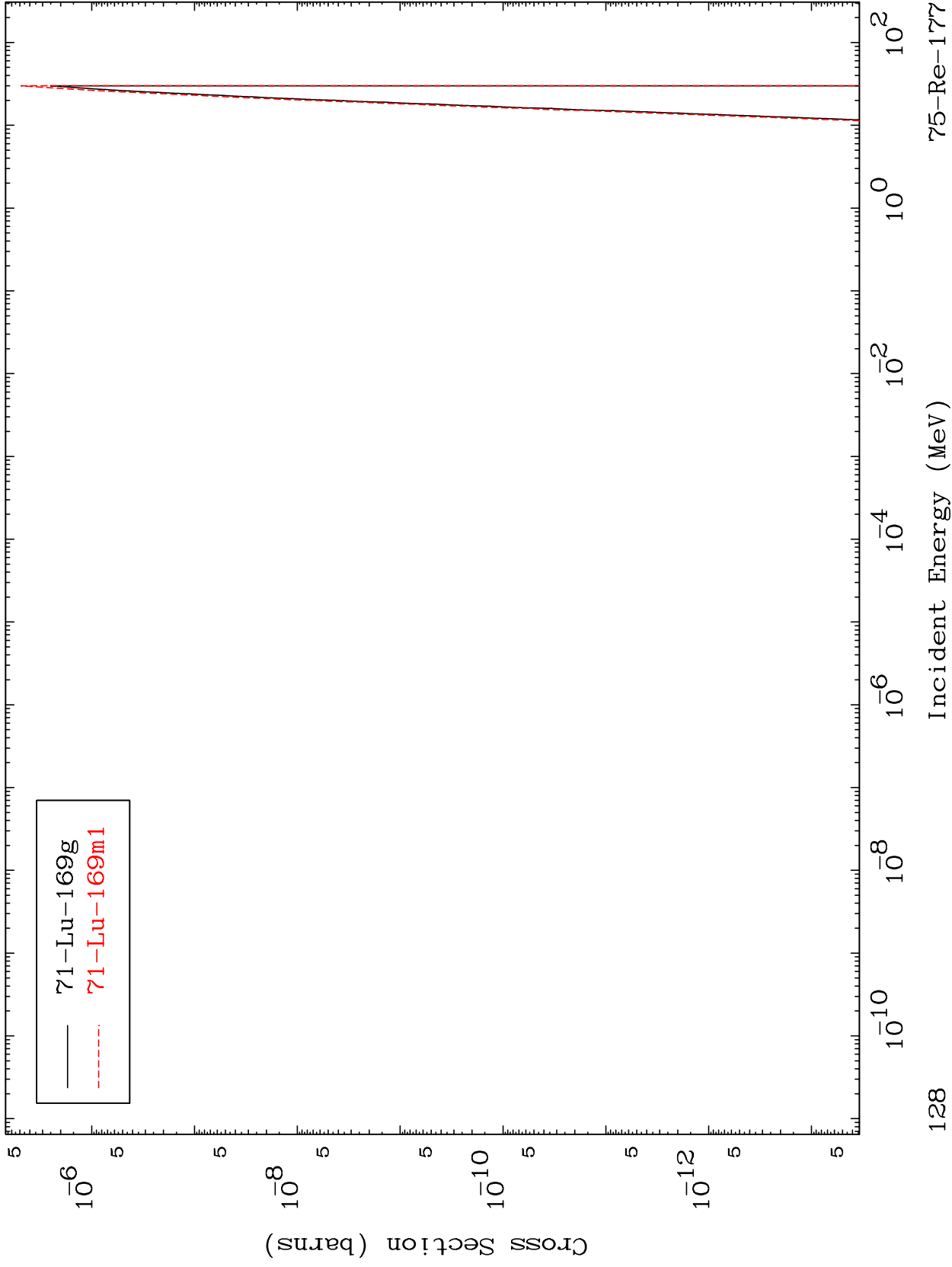
127

MAT 7501

(n,n') 2α

75-Re-177

Radionuclide Production Cross Section

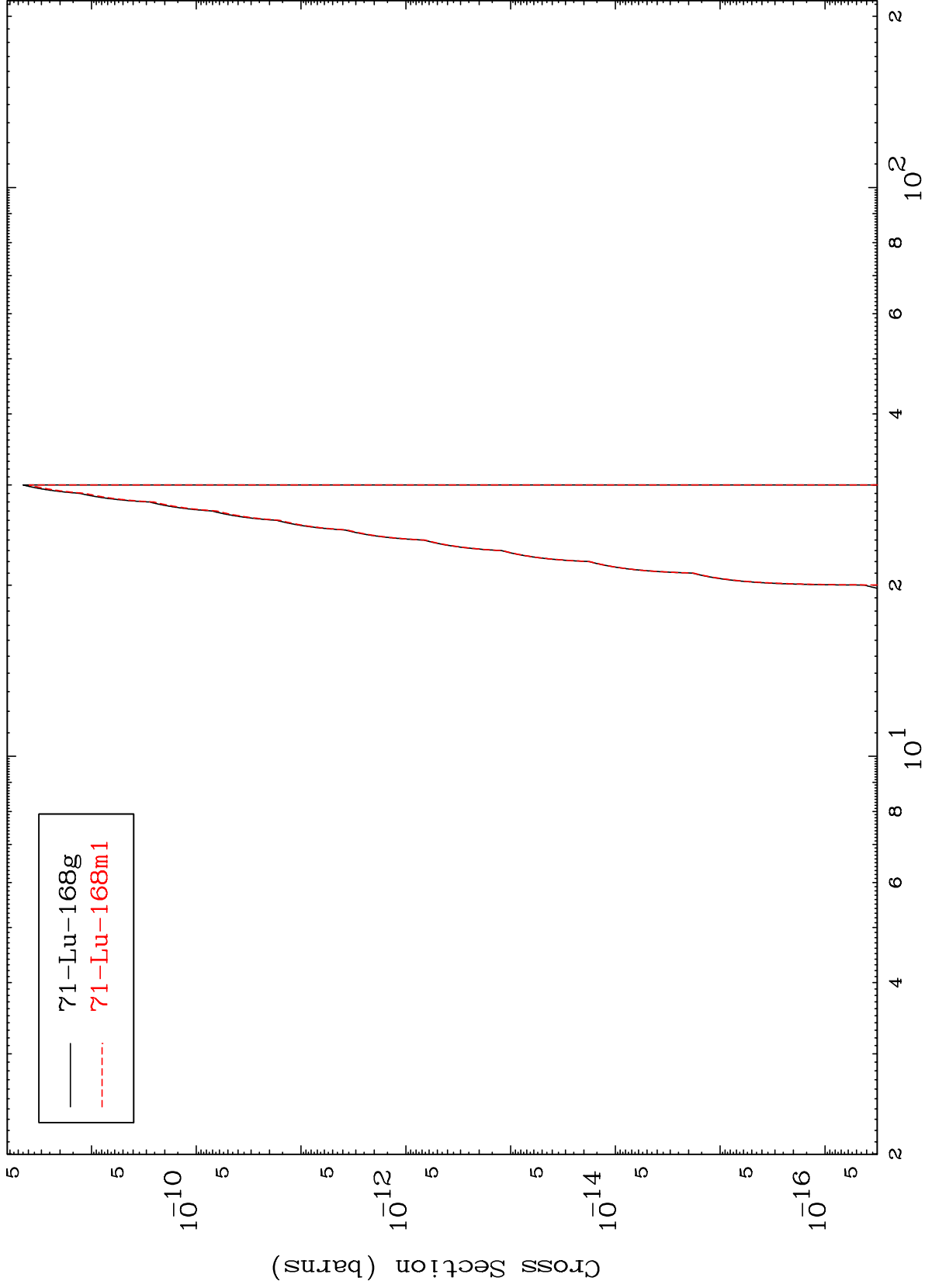


MAT 7501

$(n,2n) 2\alpha$

75-Re-177

Radionuclide Production Cross Section



129

Incident Energy (MeV)

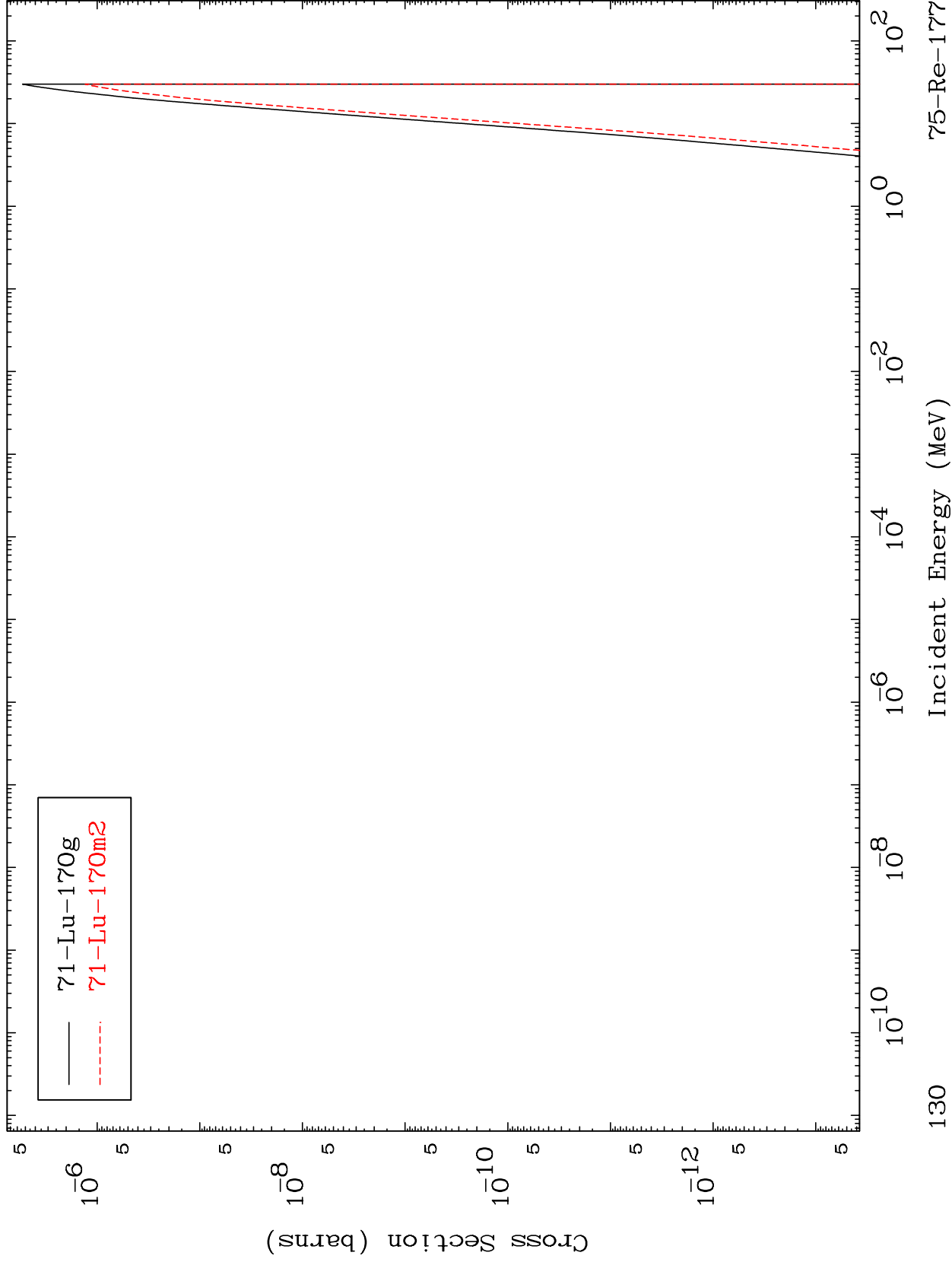
75-Re-177

MAT 7501

(n,2α)

75-Re-177

Radionuclide Production Cross Section



130

Incident Energy (MeV)

75-Re-177