

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

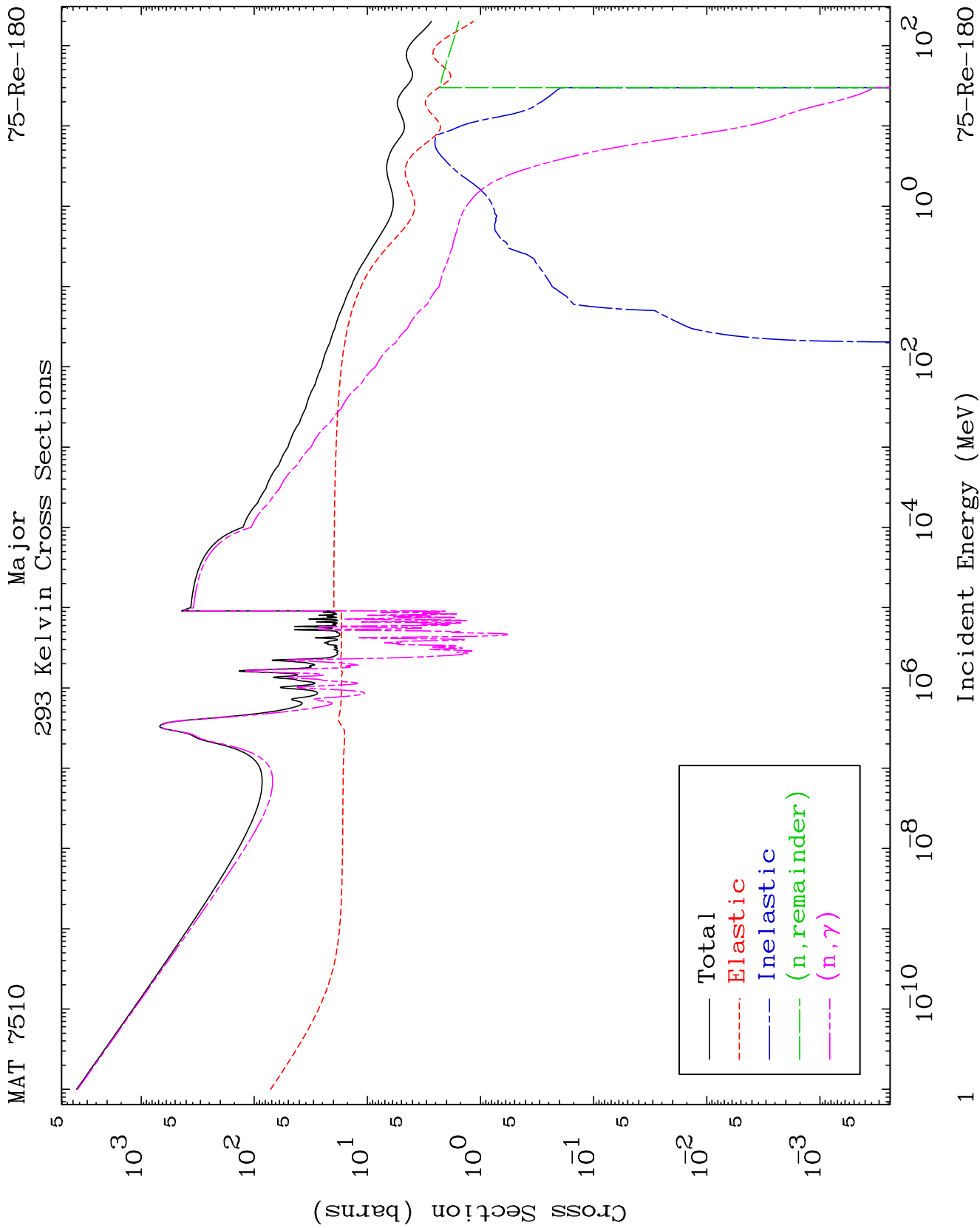
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Web: redcullen1.net/HOMEPAGE.NEW

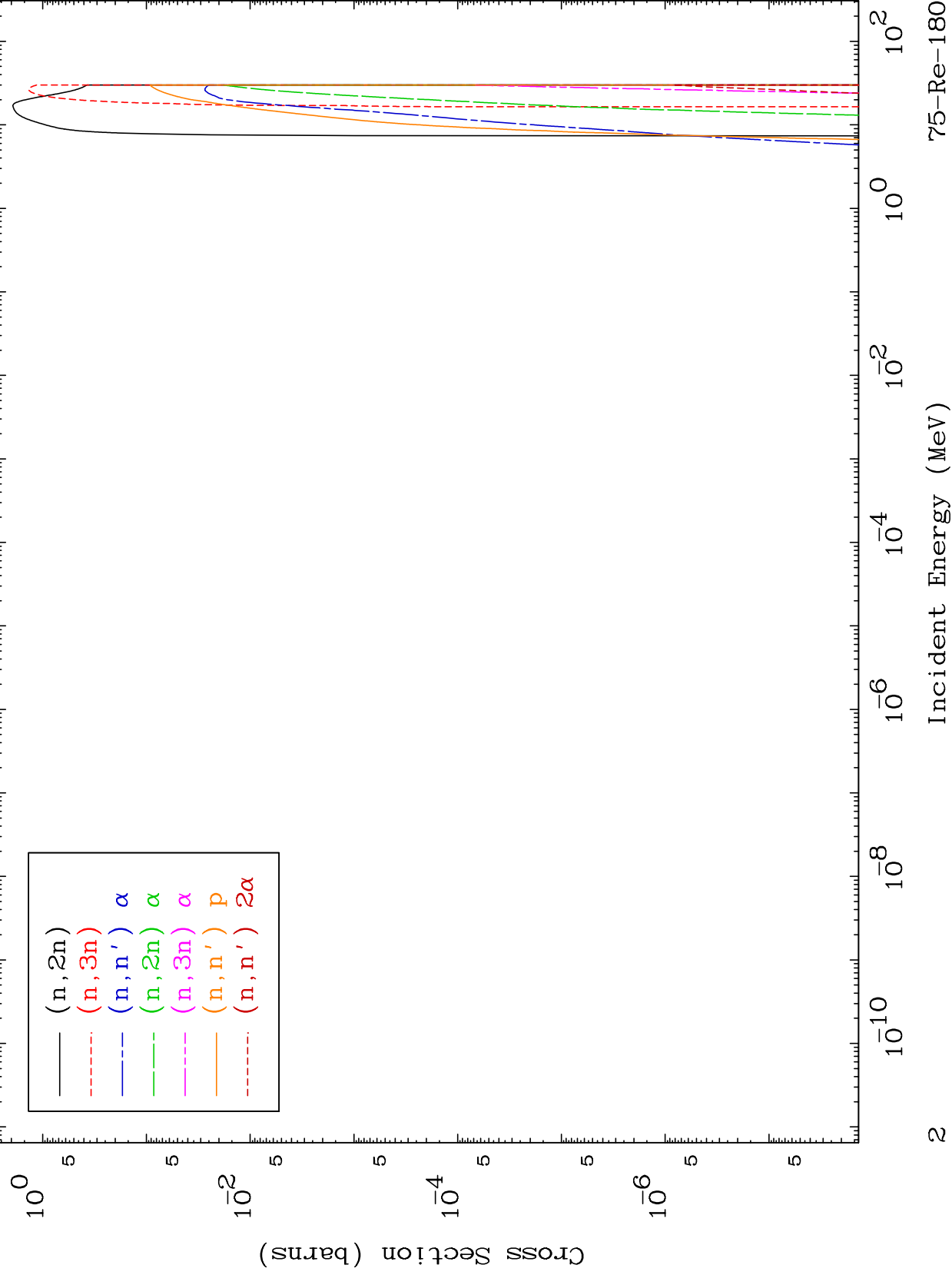
Press Mouse Button to Start



MAT 7510

Neutron Production
293 Kelvin Cross Sections

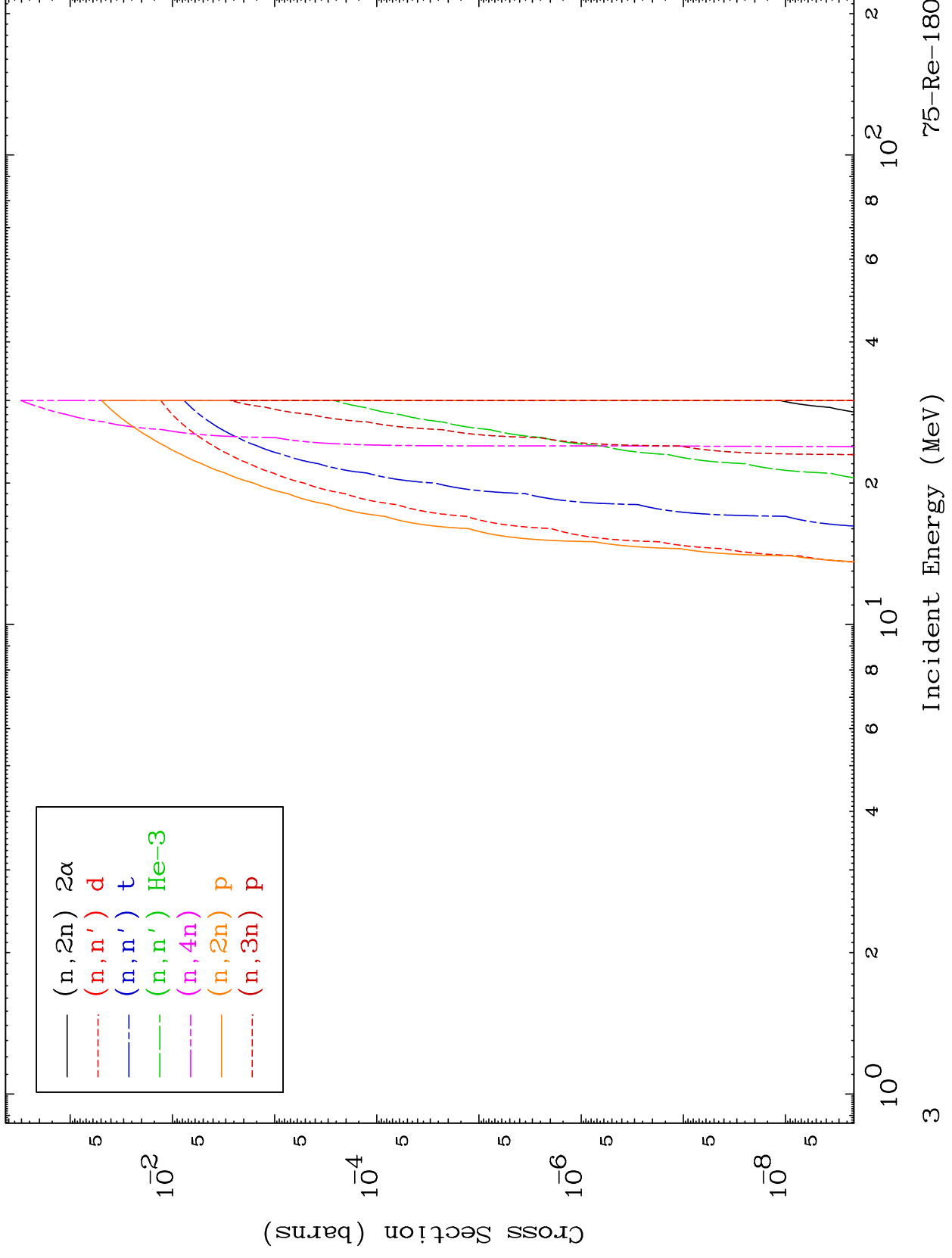
75-Re-180



MAT 7510

Neutron Production
293 Kelvin Cross Sections

75-Re-180



75-Re-180

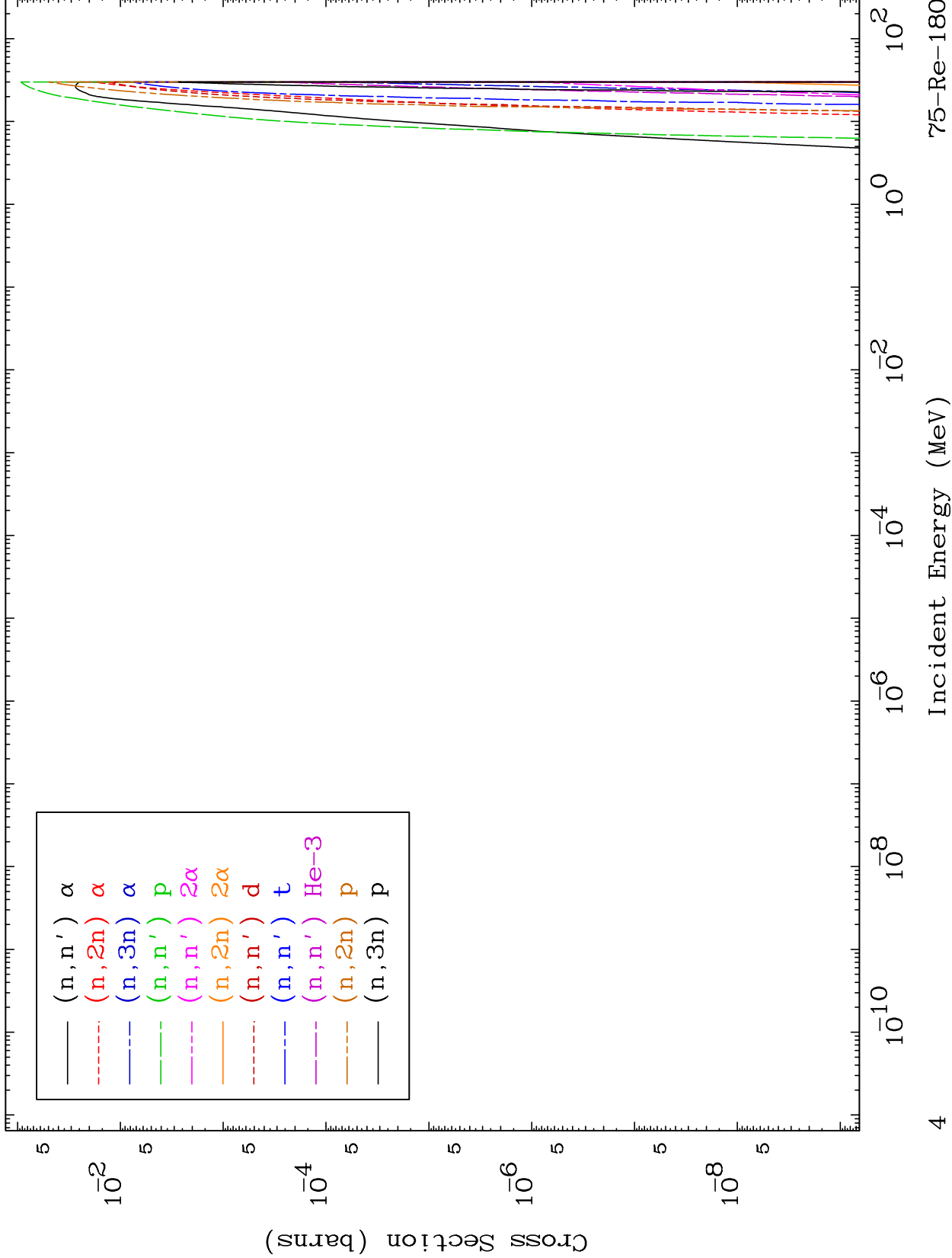
Incident Energy (MeV)

3

MAT 7510

Charged Particle
293 Kelvin Cross Sections

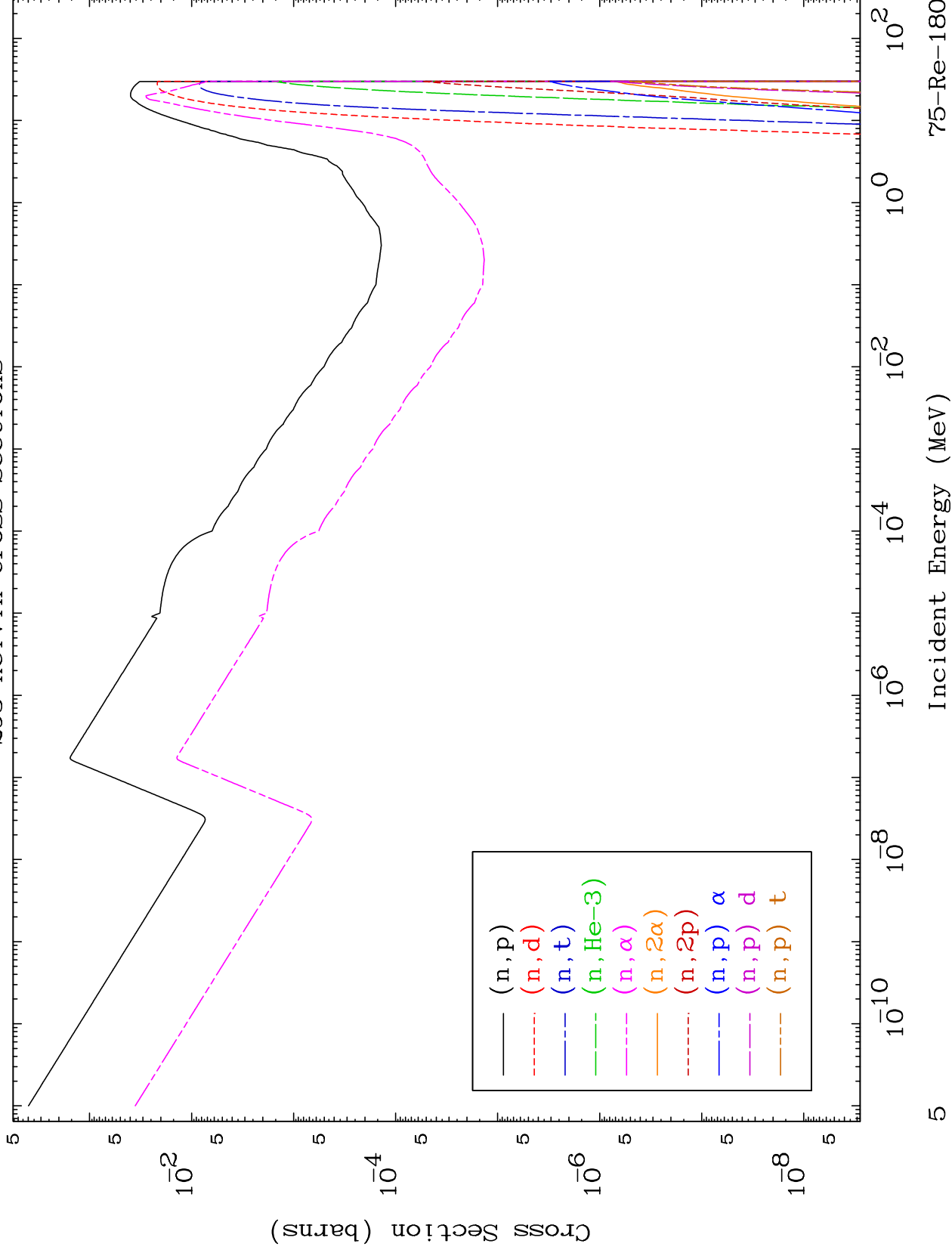
75-Re-180



MAT 7510

Charged Particle
293 Kelvin Cross Sections

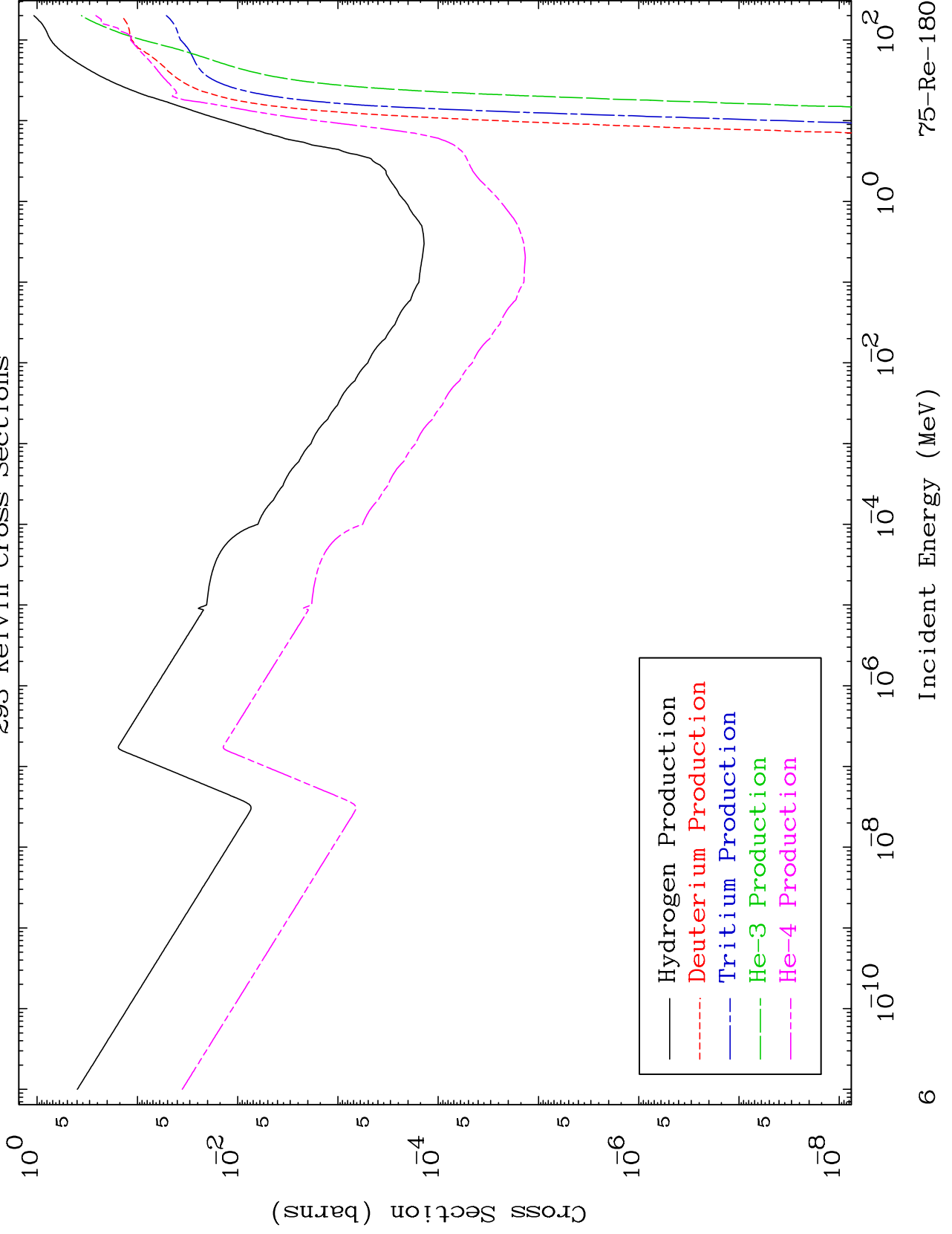
75-Re-180



MAT 7510

Particle Production
293 Kelvin Cross Sections

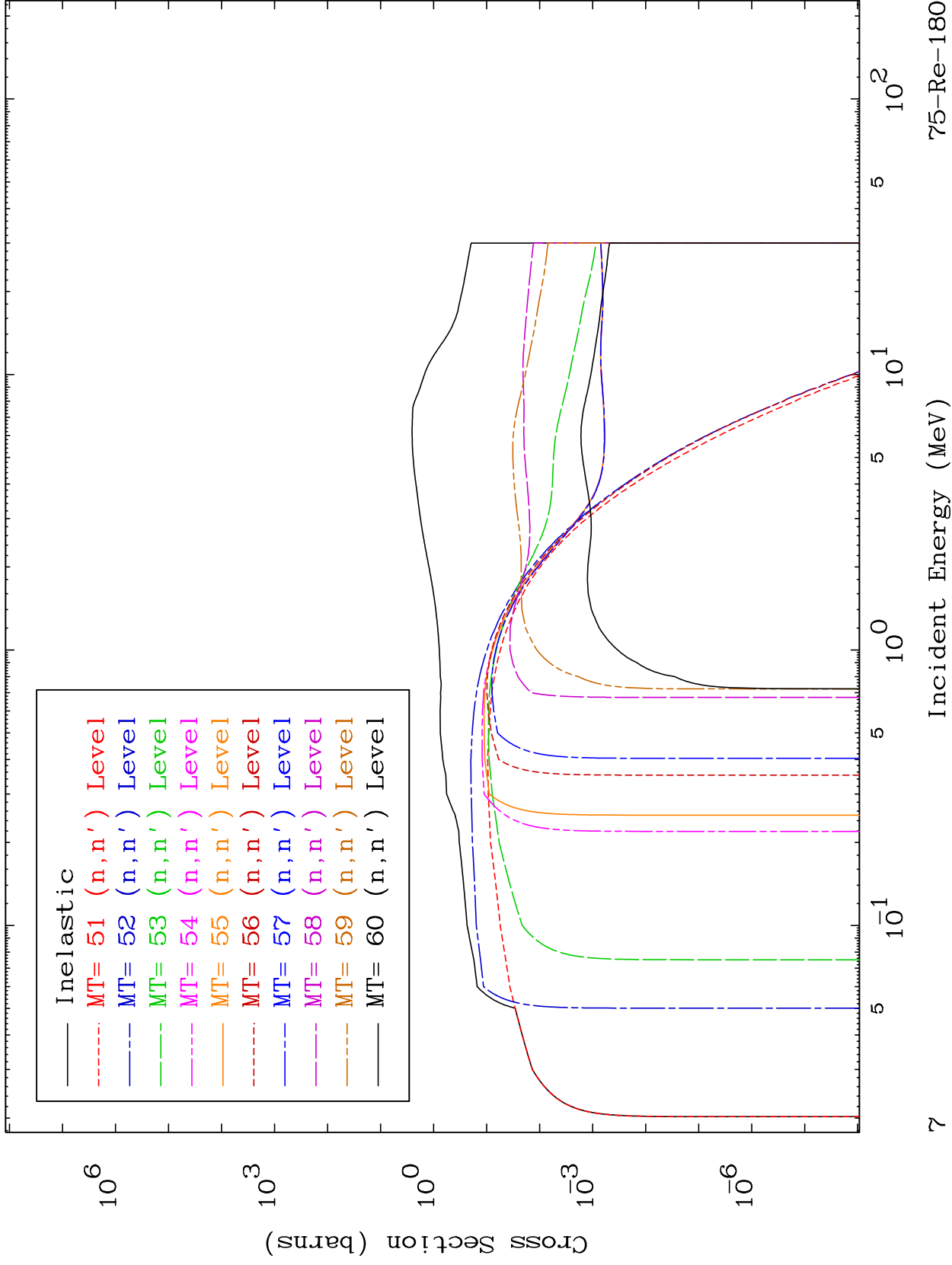
75-Re-180

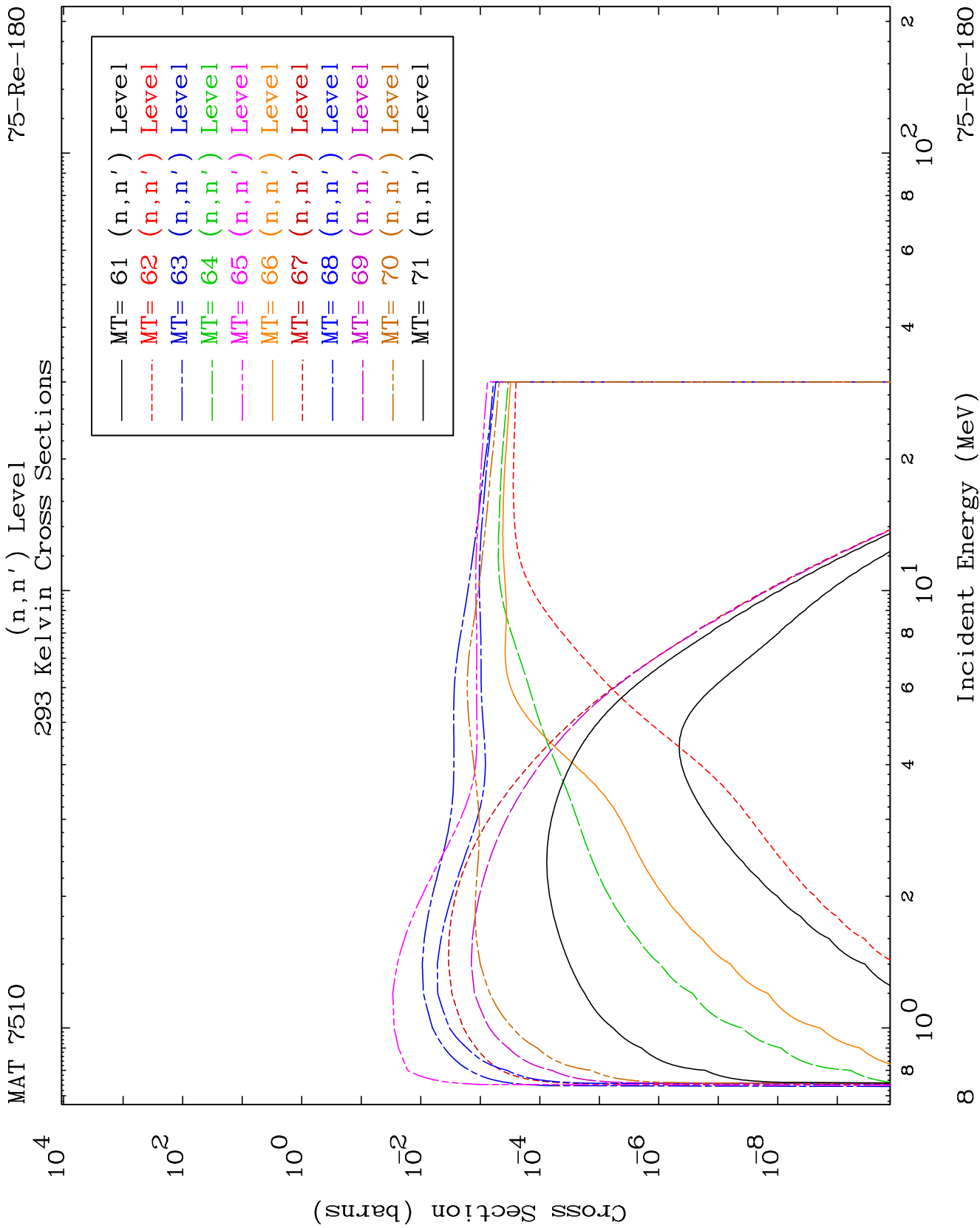


MAT 7510

(n,n') Level
293 Kelvin Cross Sections

75-Re-180



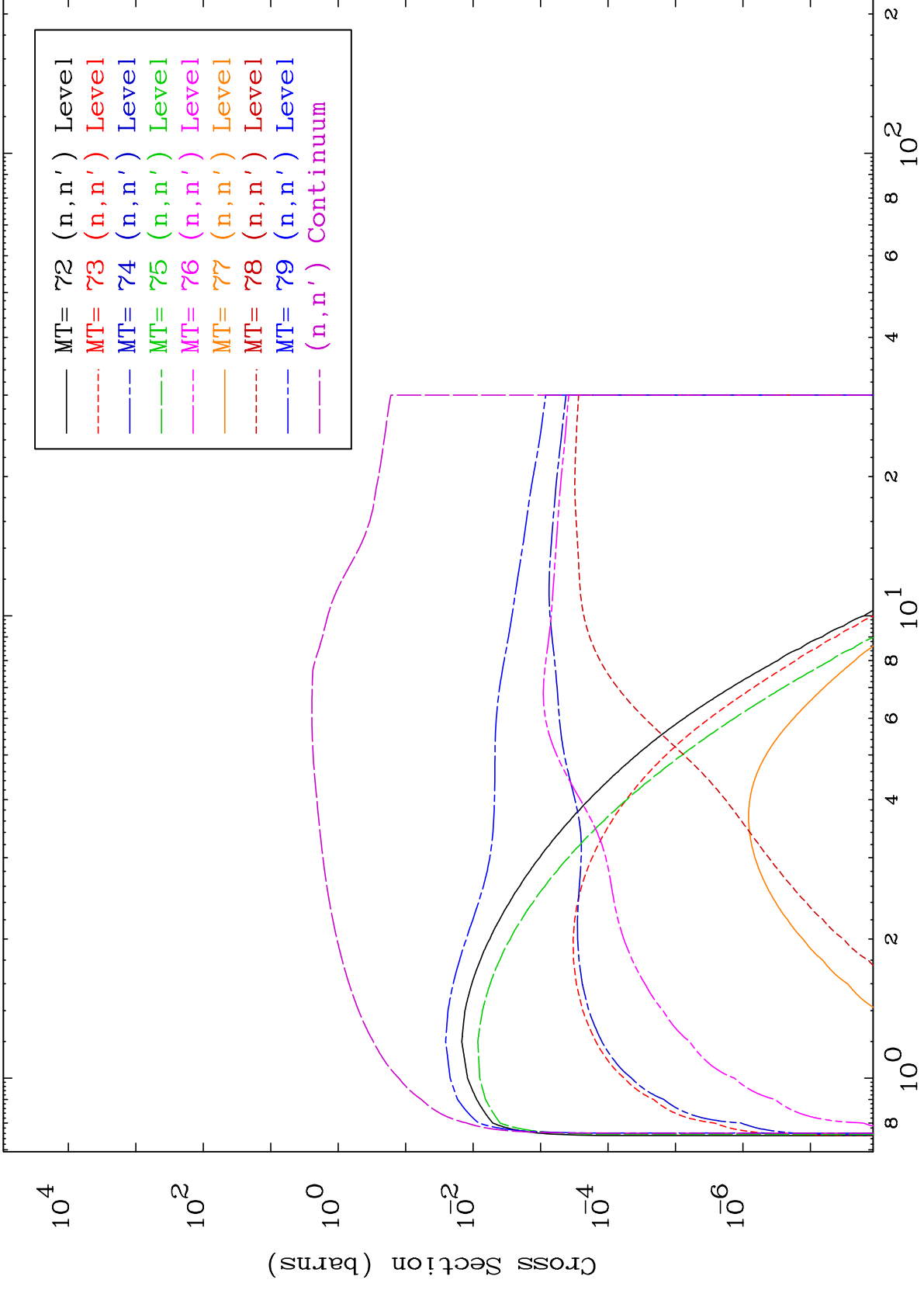


MAT 7510

(n,n') Level

75-Re-180

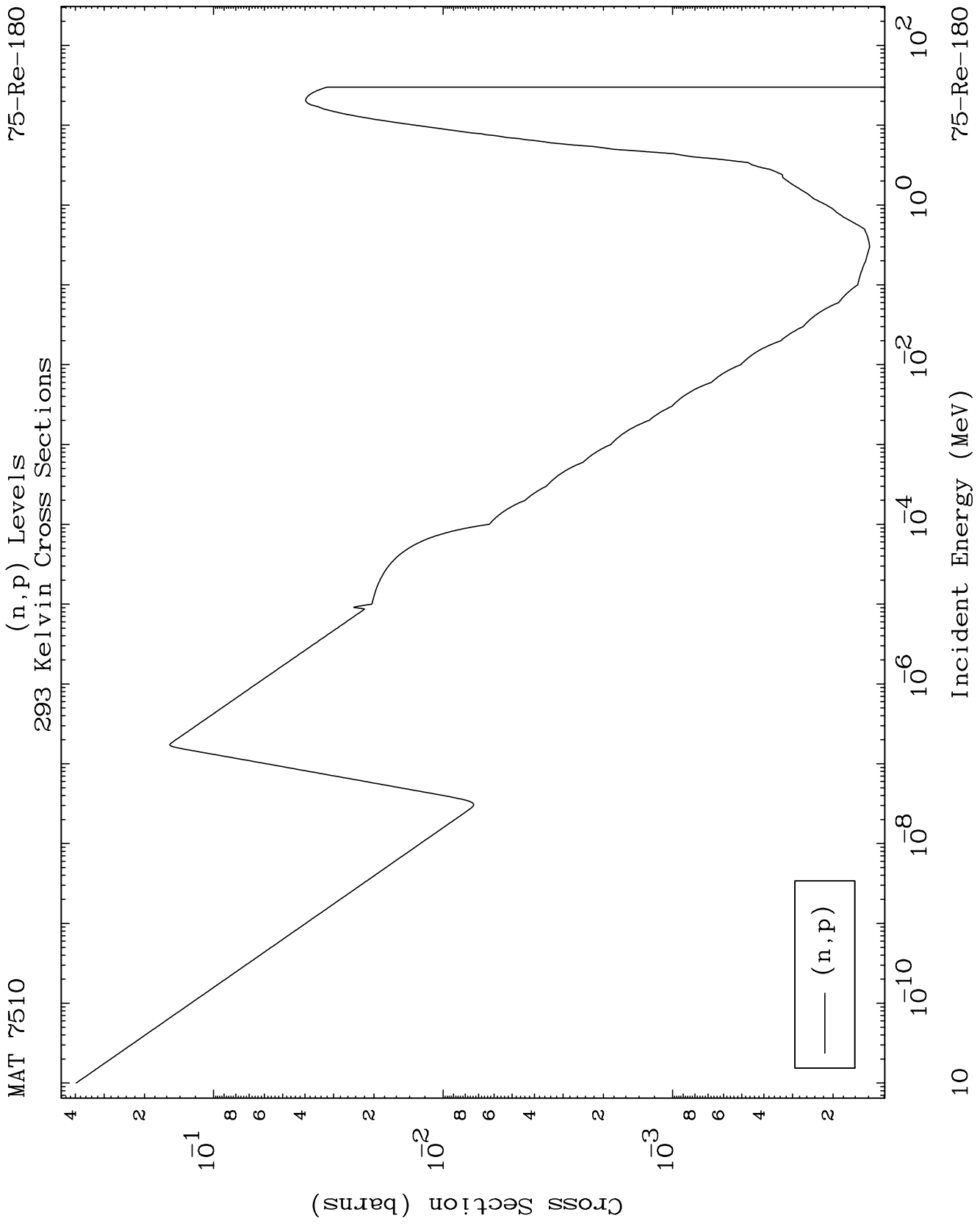
293 Kelvin Cross Sections



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Incident Energy (MeV)

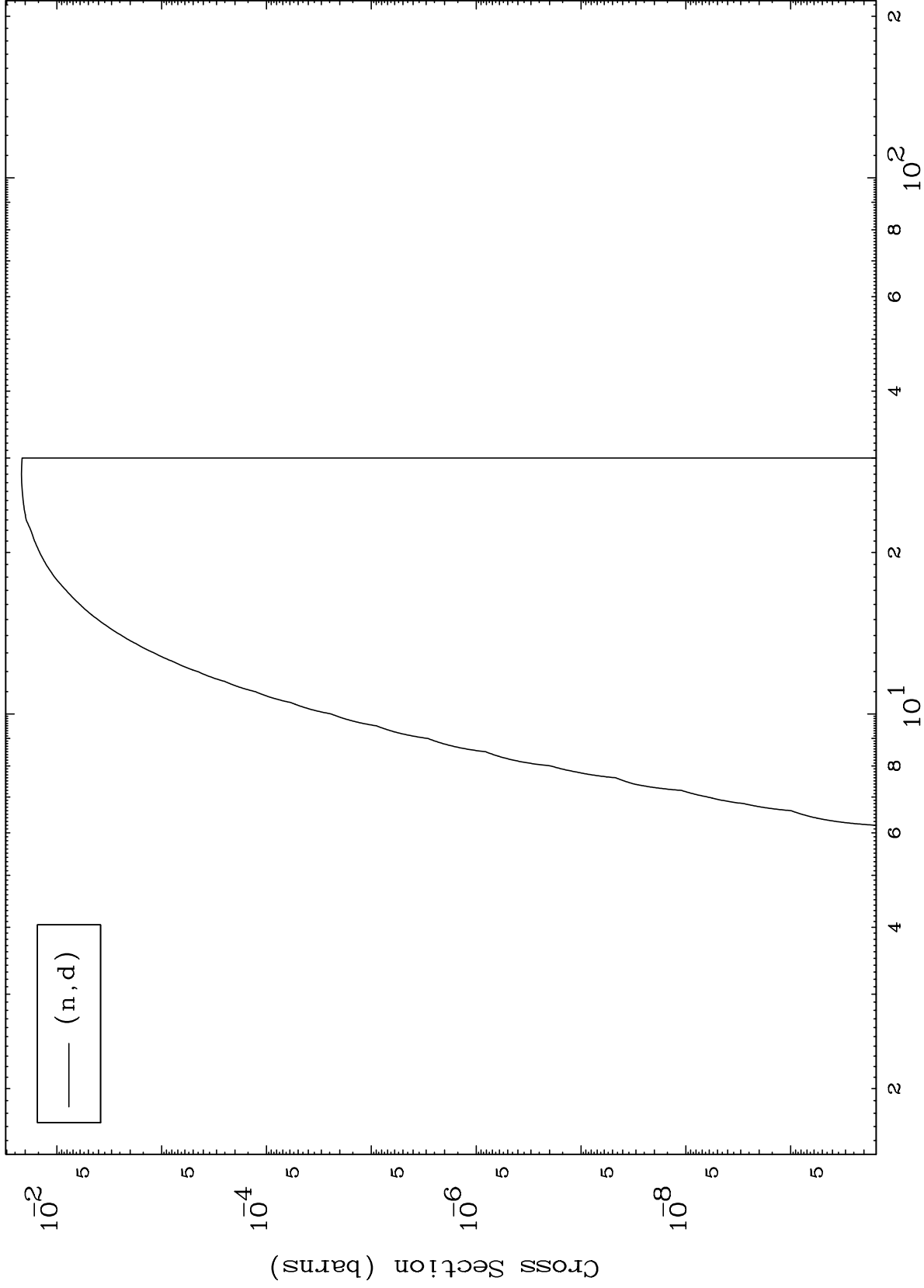
75-Re-180

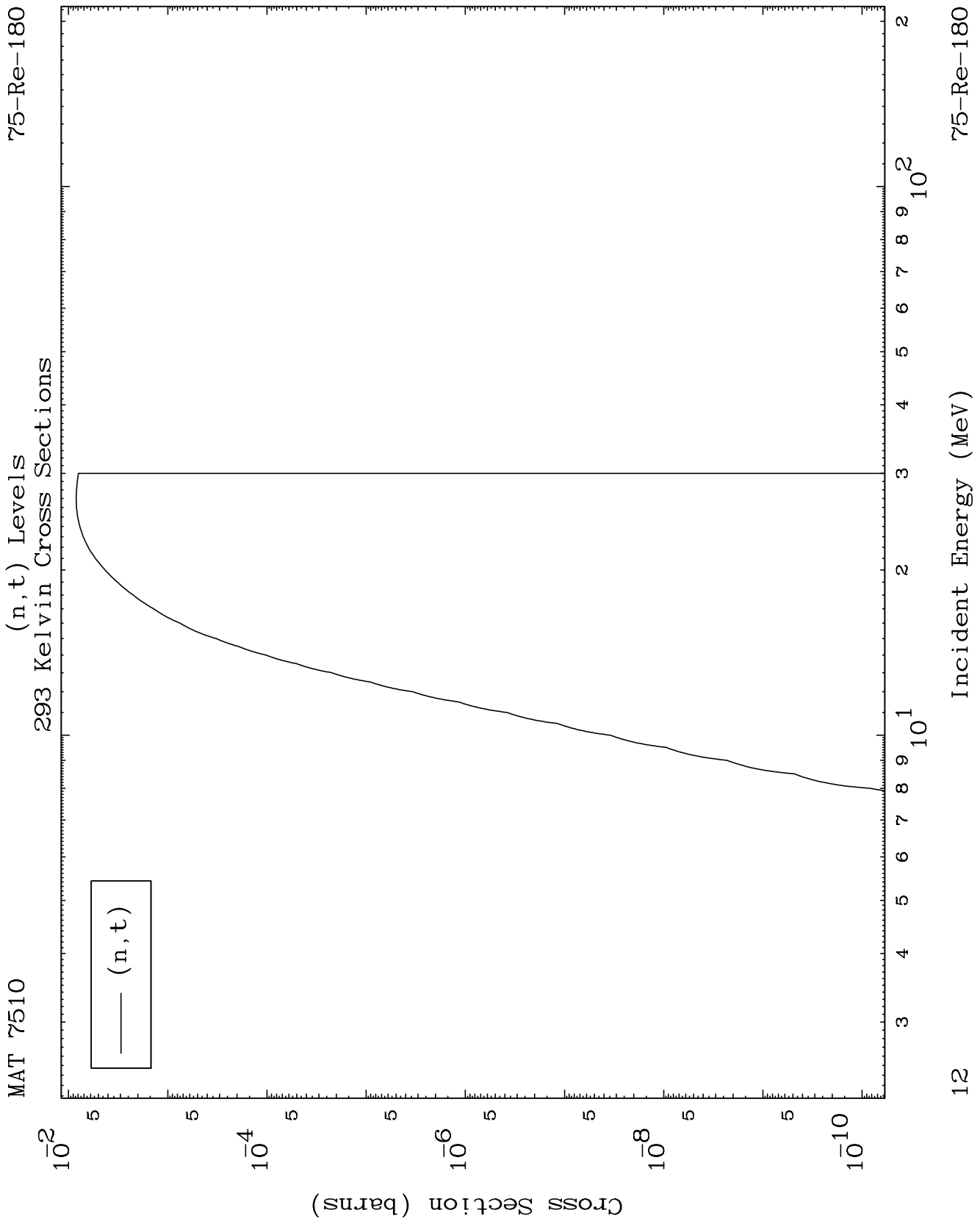


MAT 7510

(n,d) Levels
293 Kelvin Cross Sections

75-Re-180

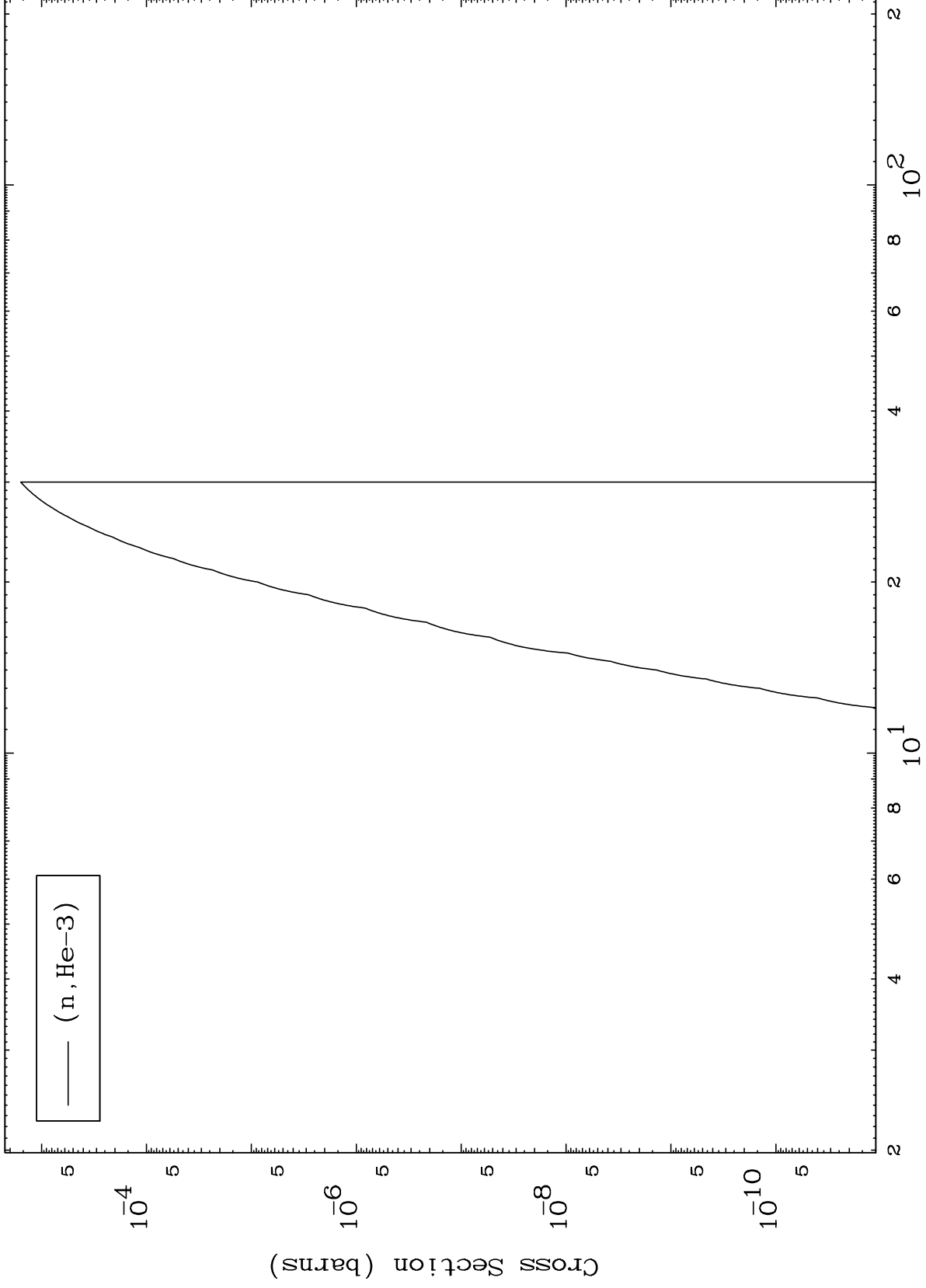




MAT 7510

(n,He3) Levels
293 Kelvin Cross Sections

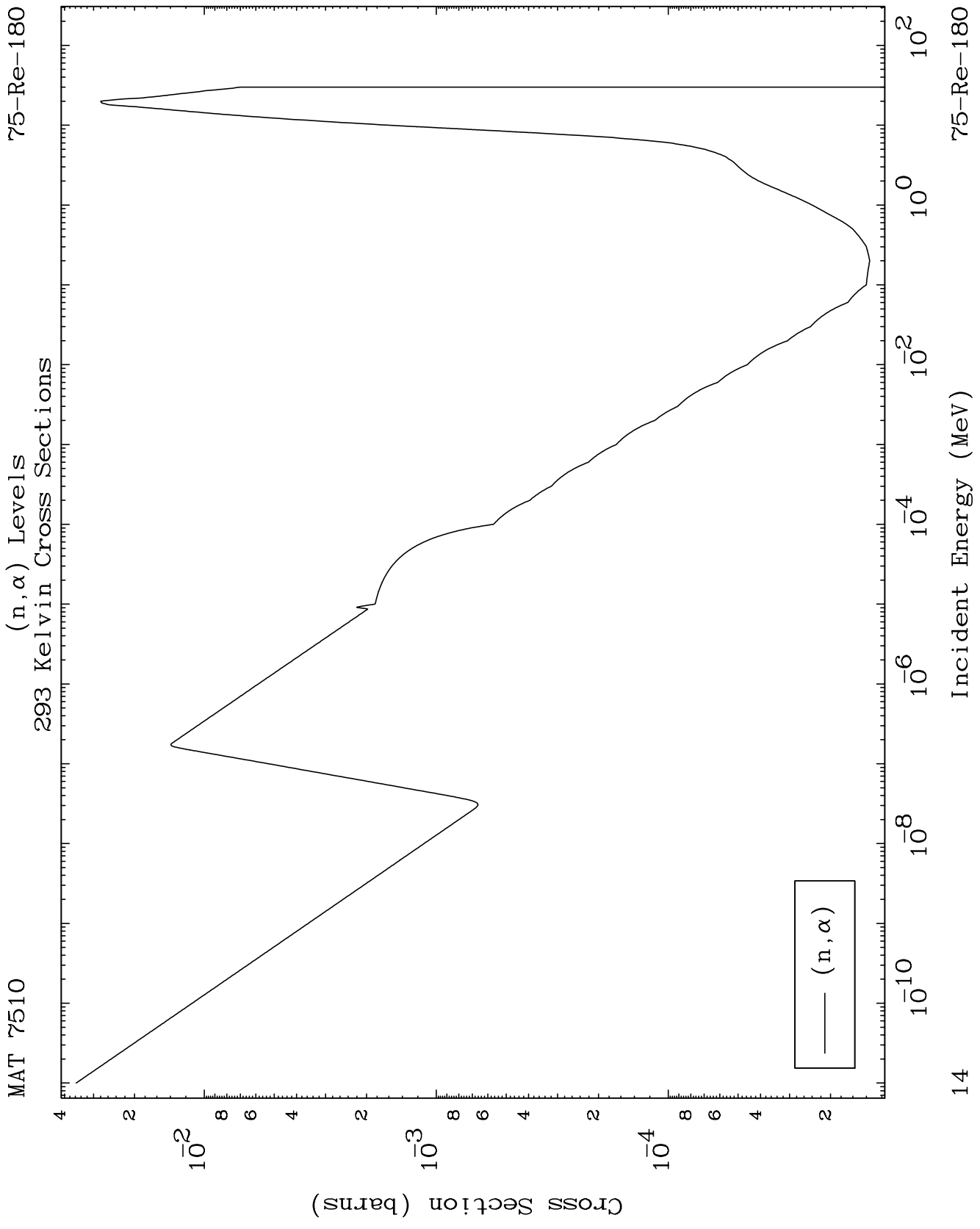
75-Re-180

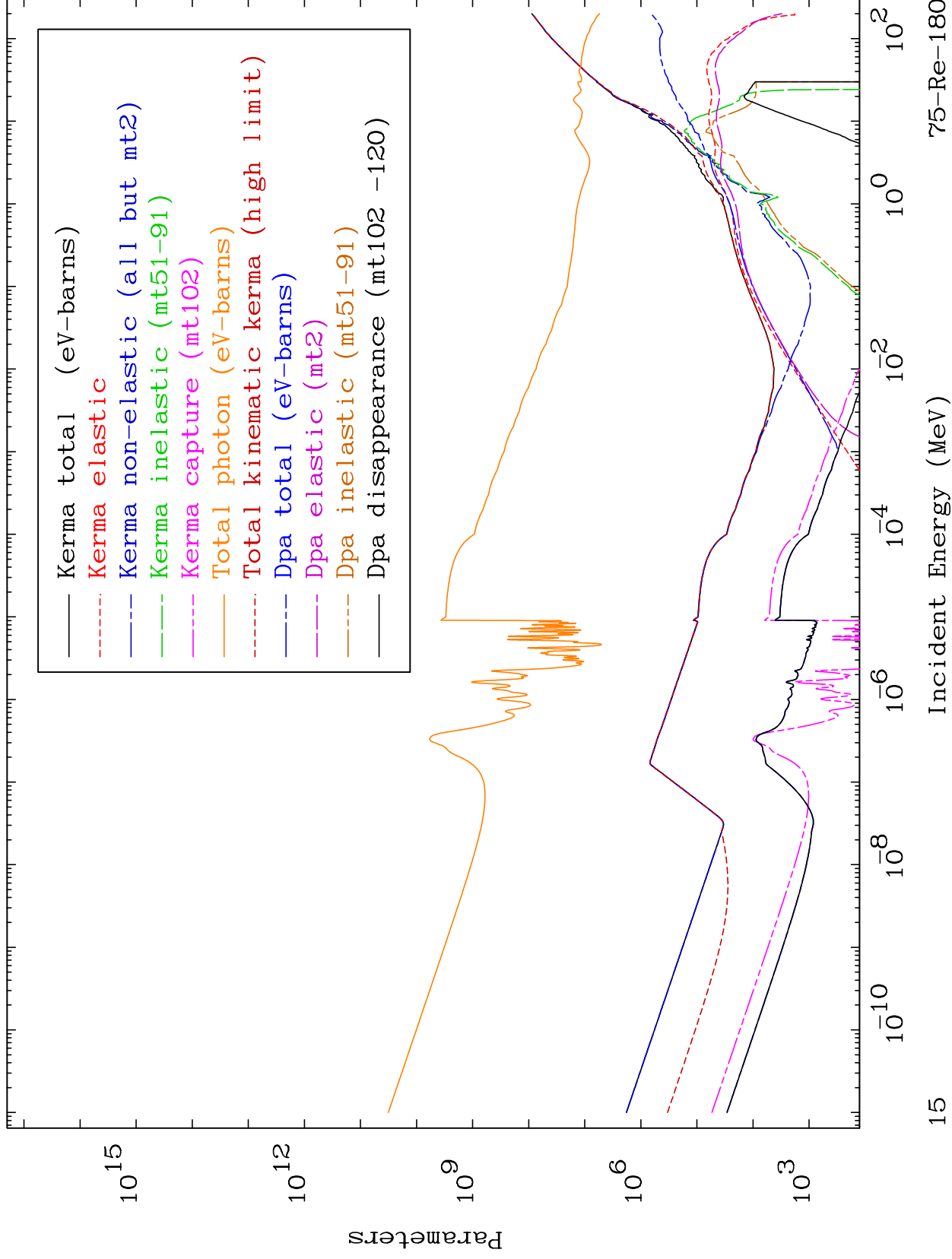


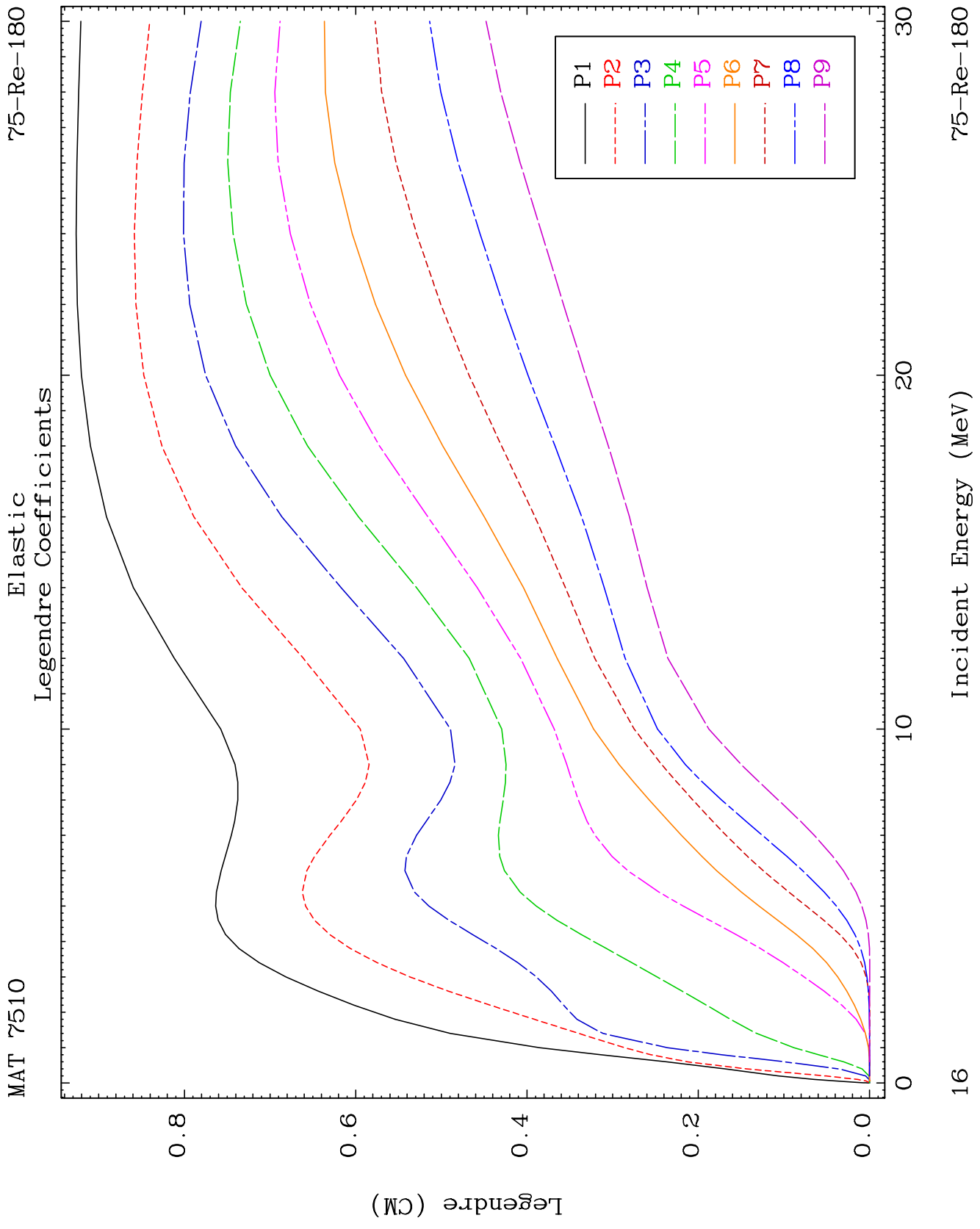
13

Incident Energy (MeV)

75-Re-180



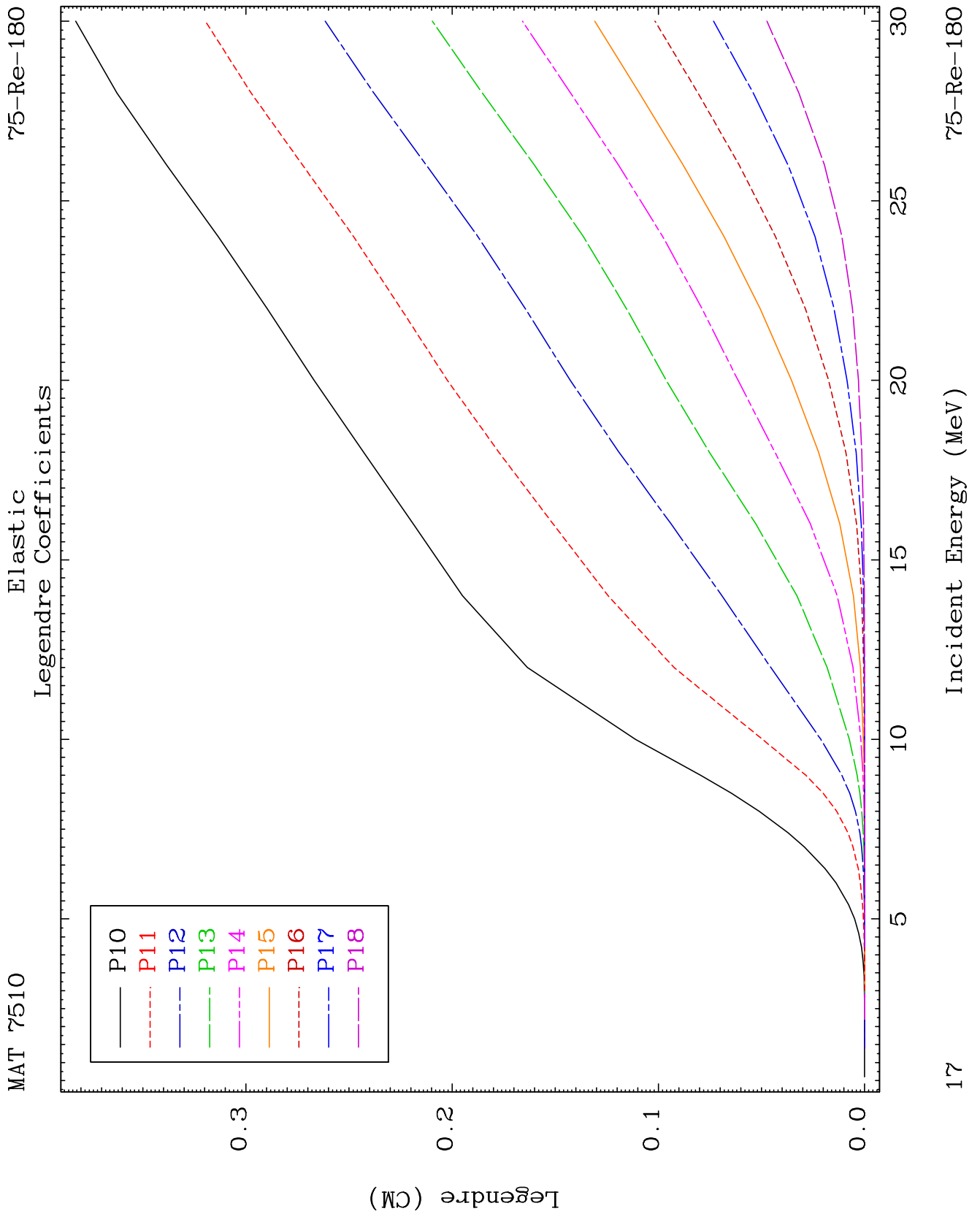


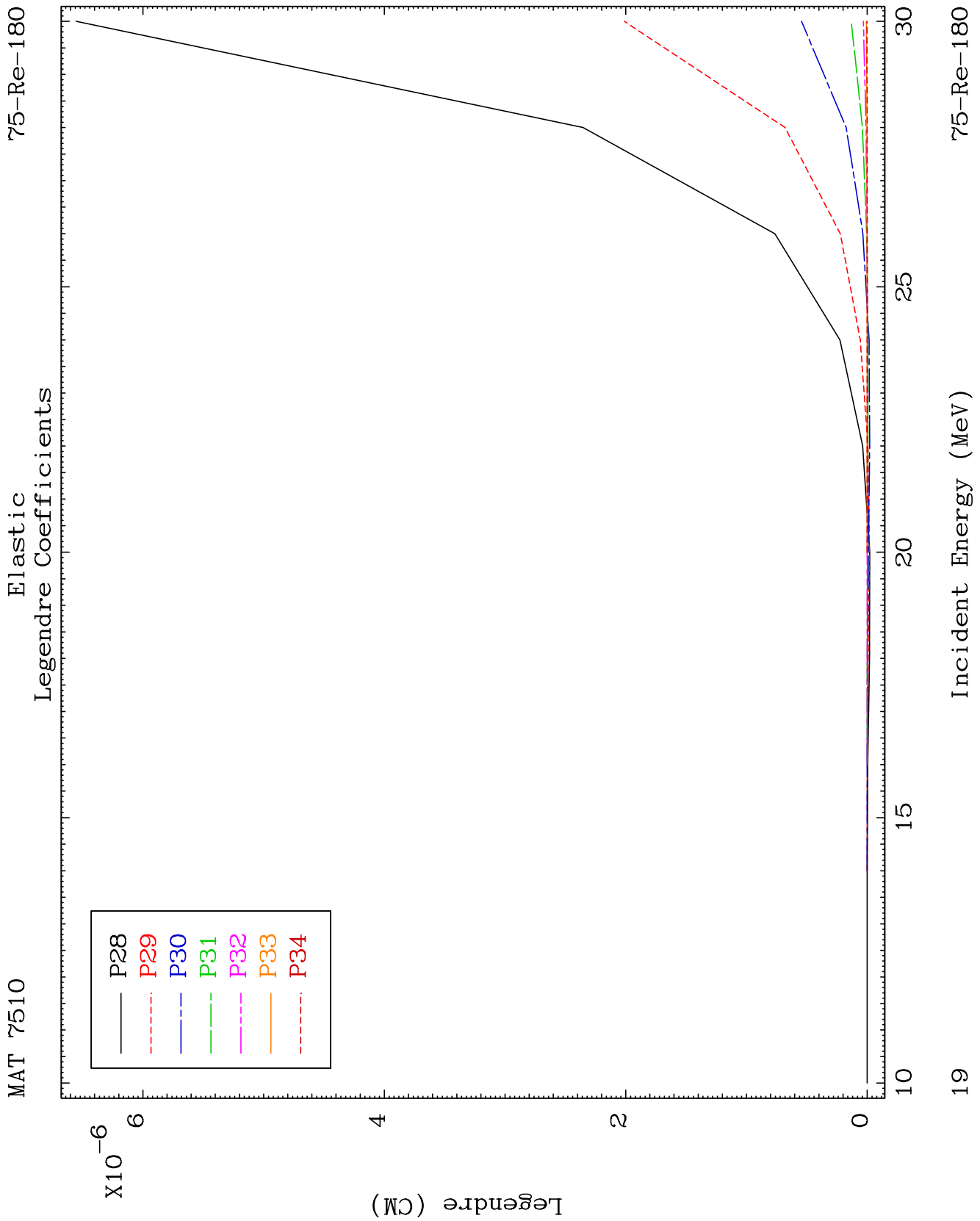


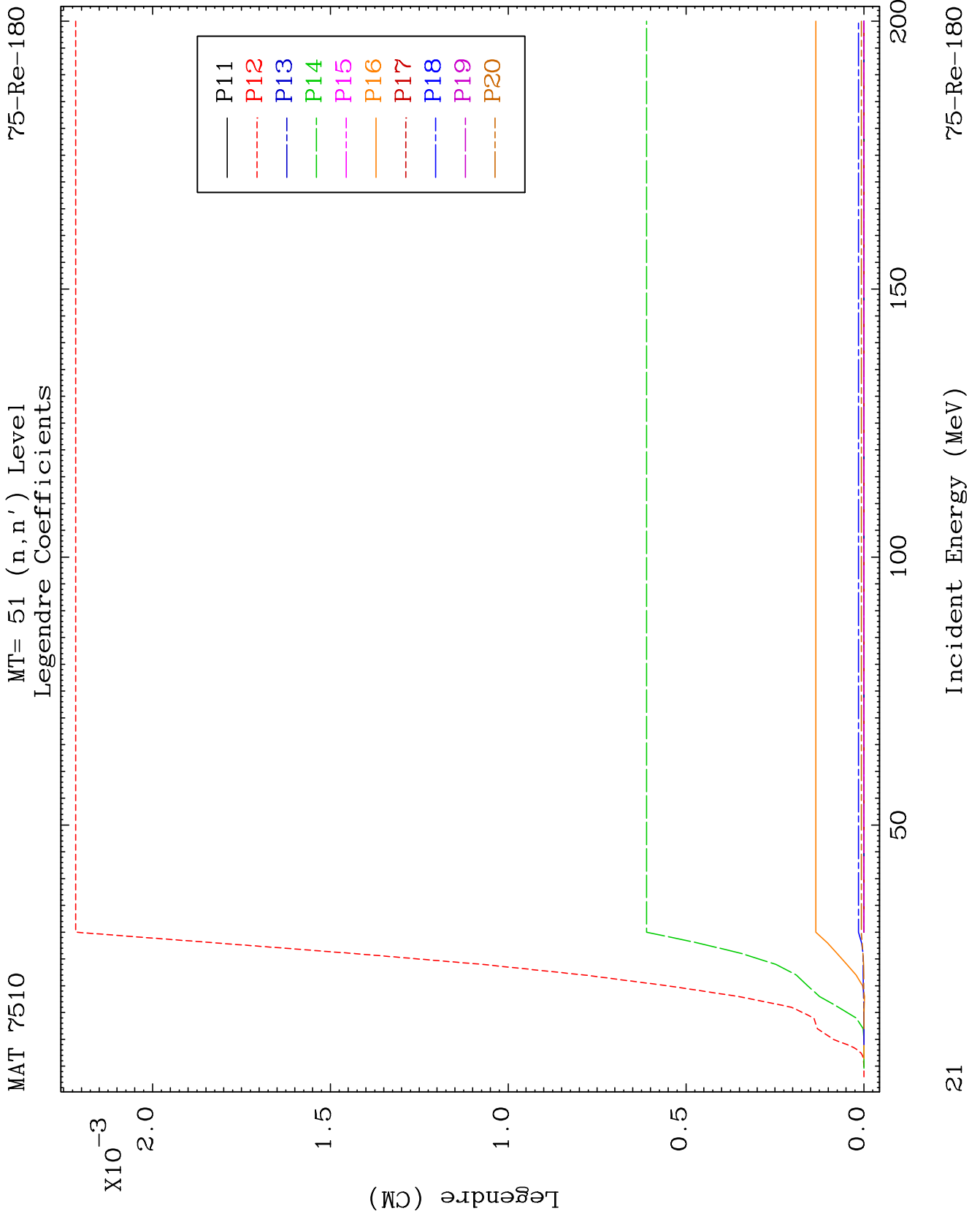
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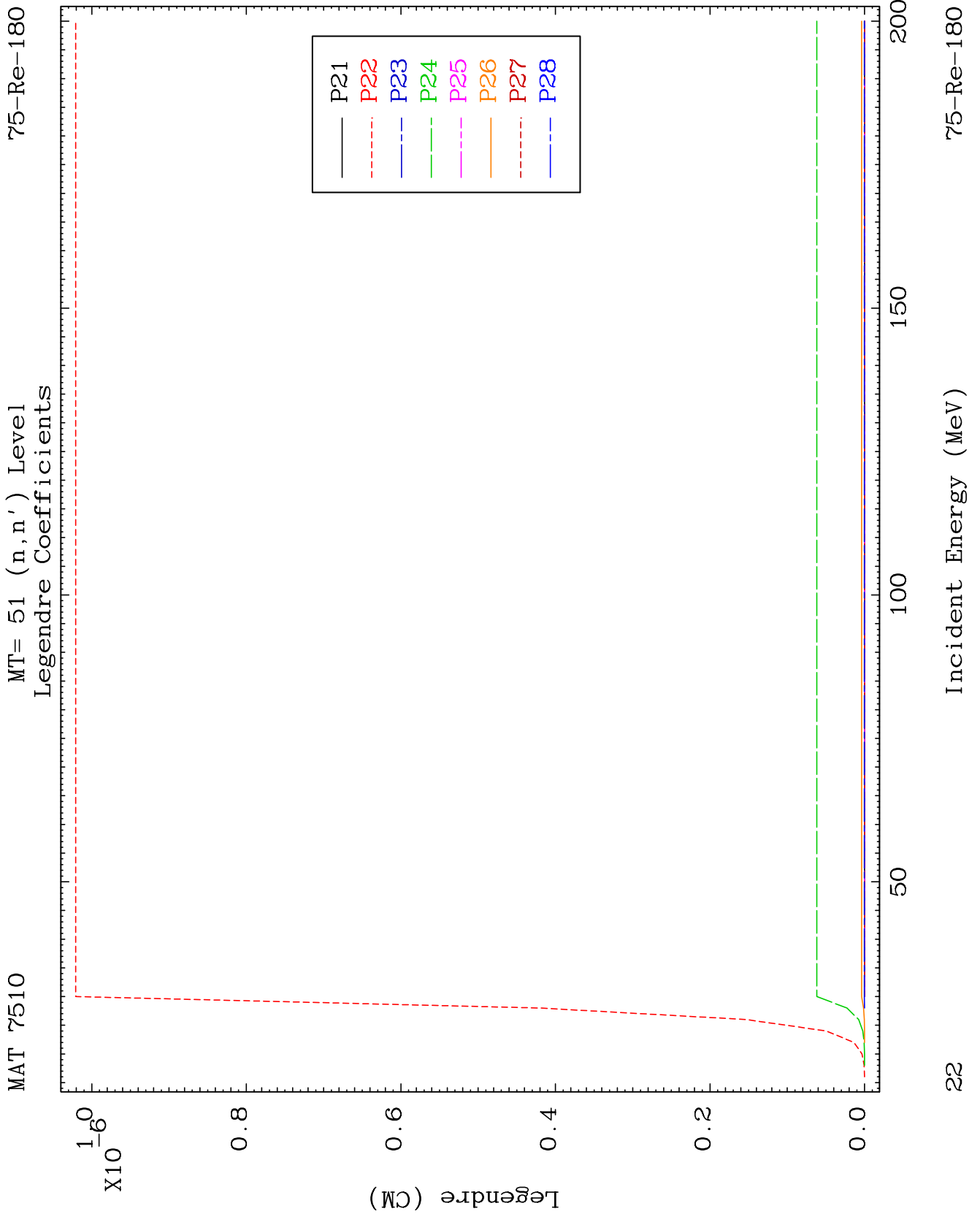
Incident Energy (MeV)

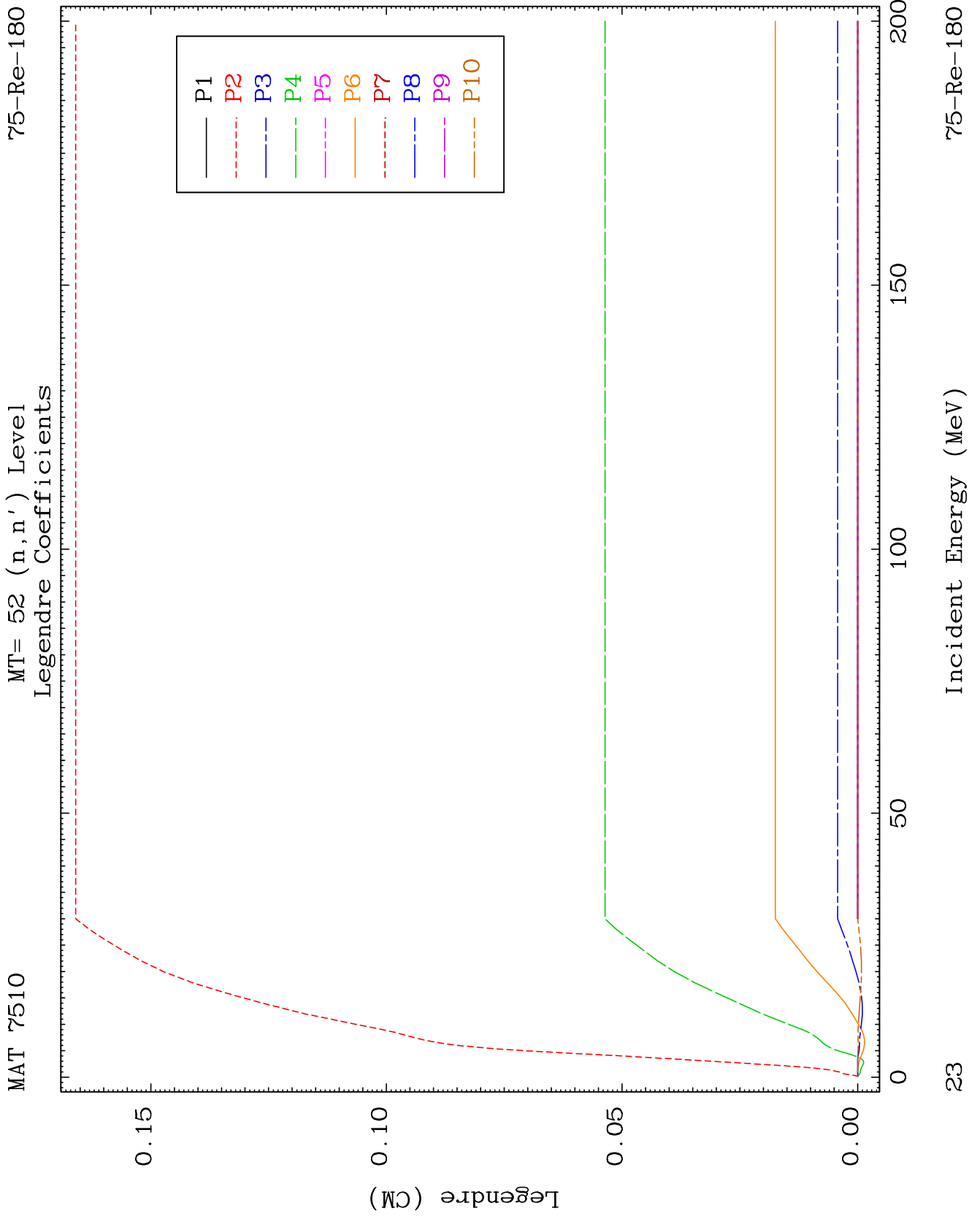
16







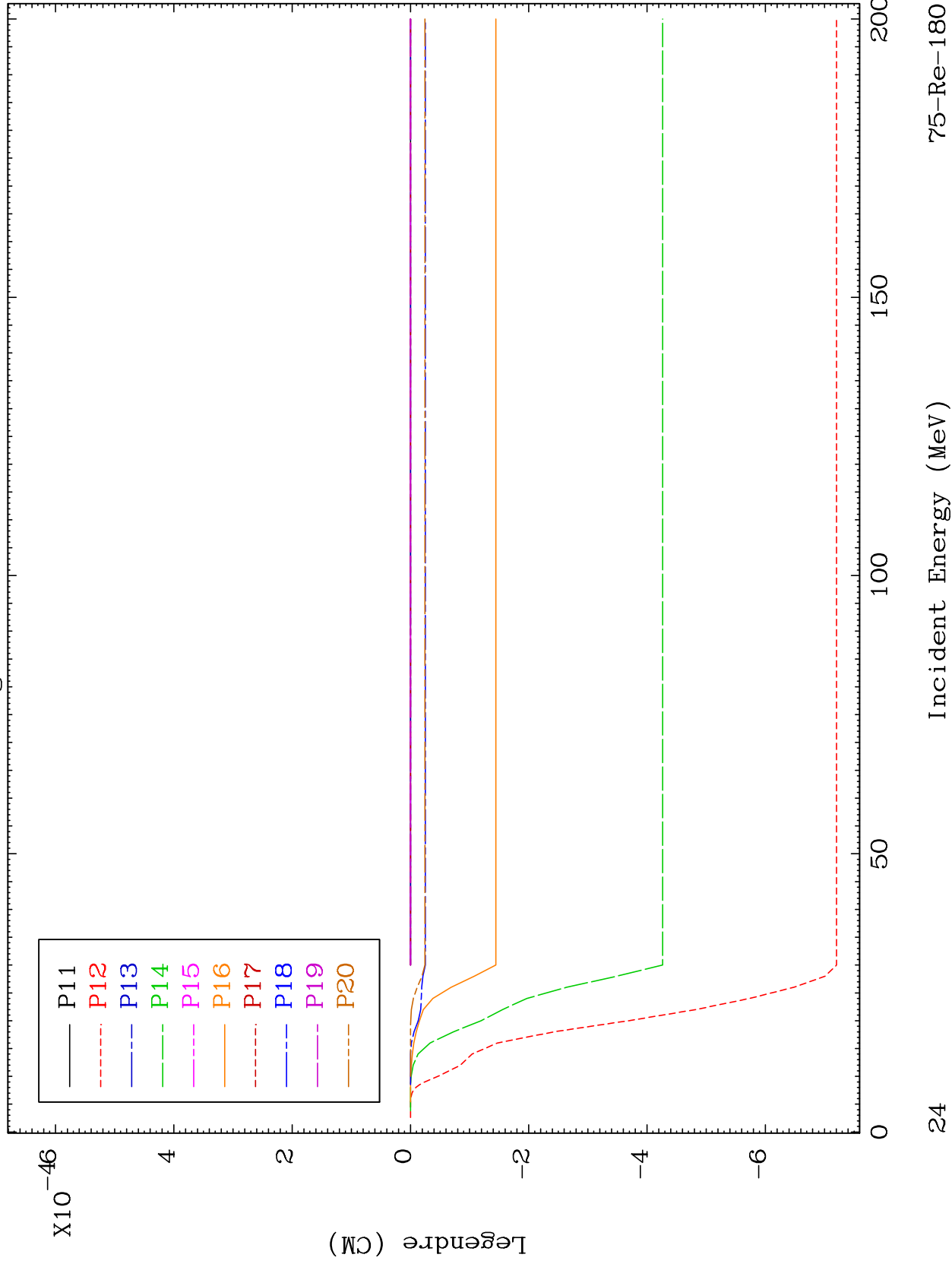




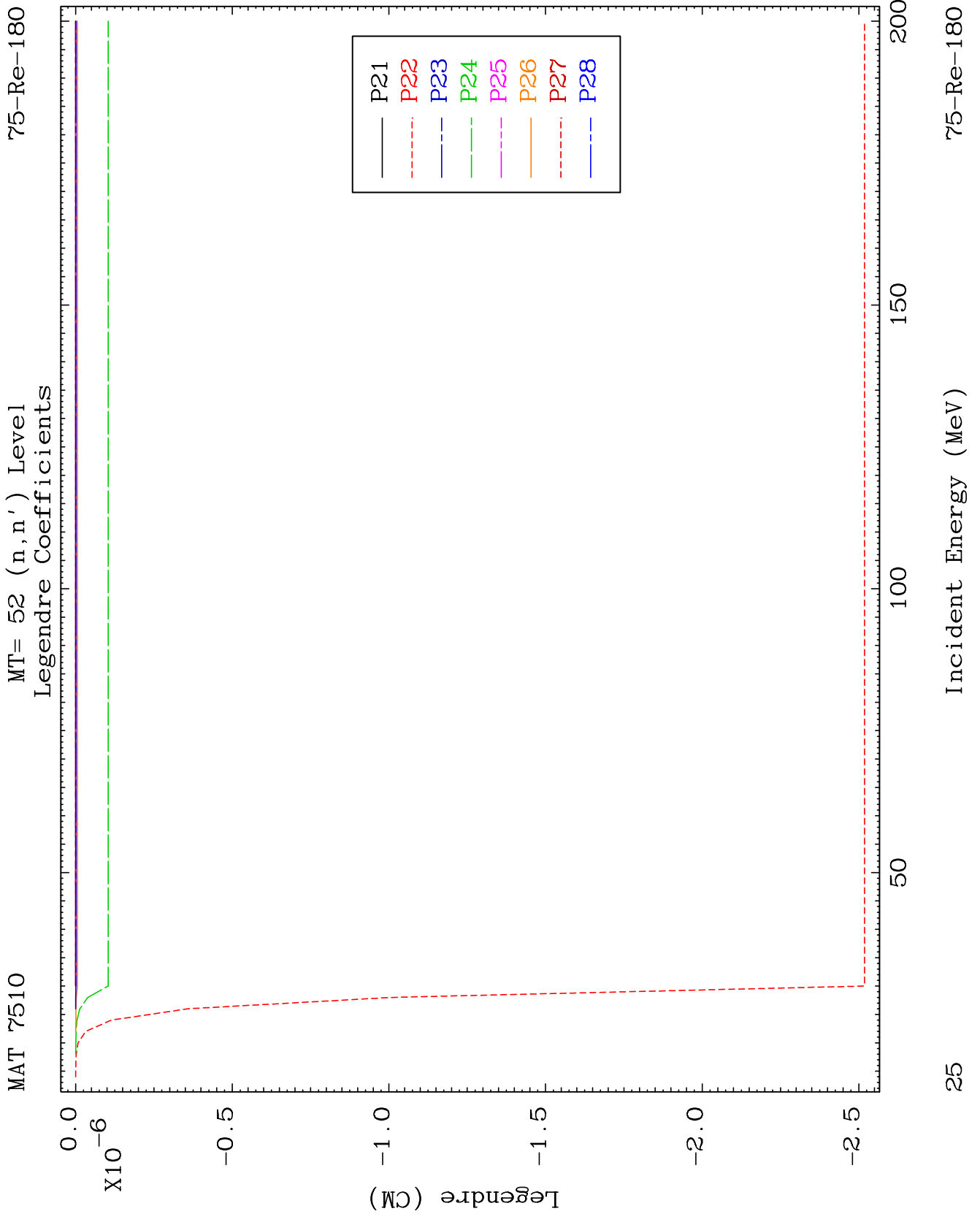
MAT 7510

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

75-Re-180



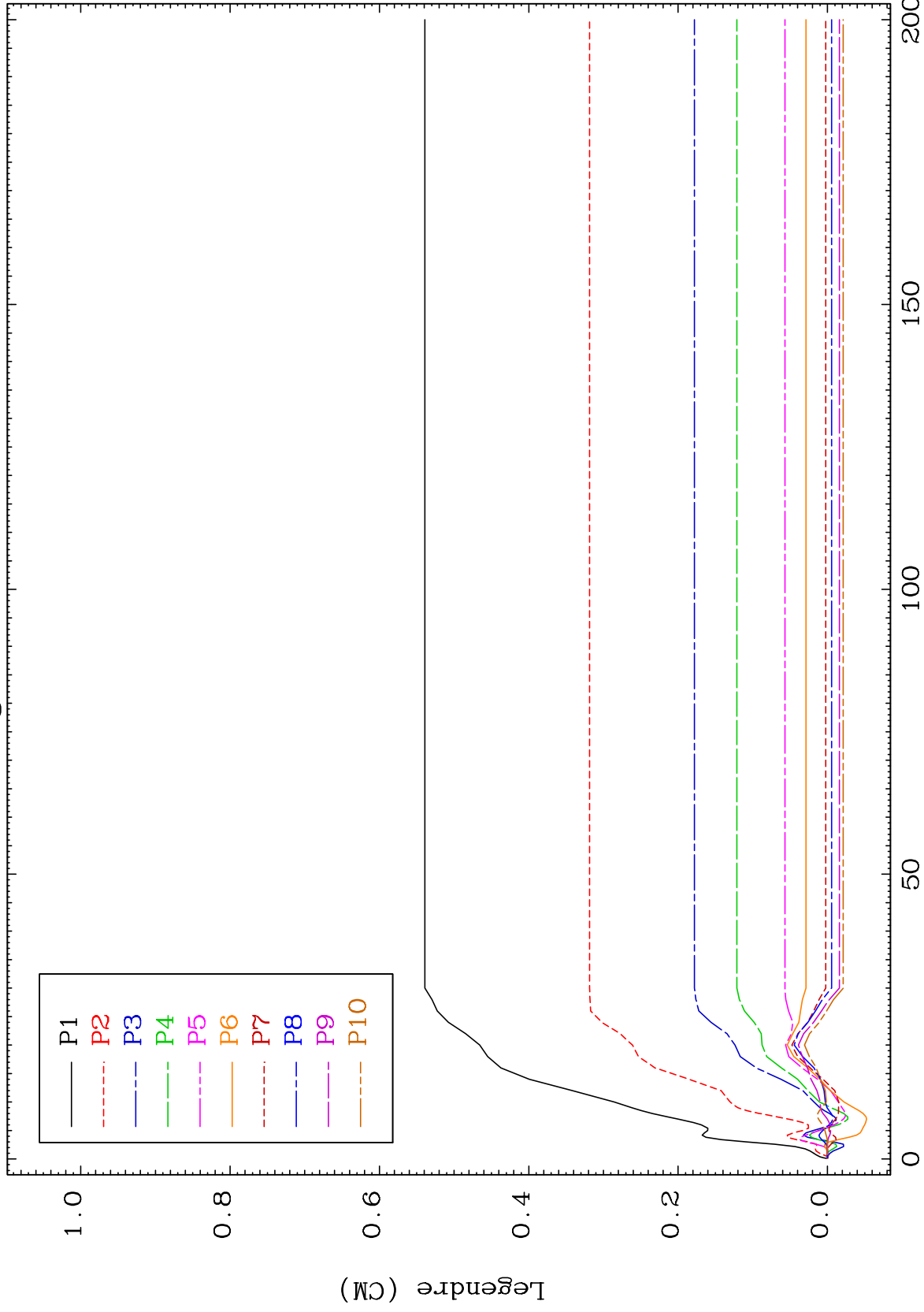
24



MAT 7510

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

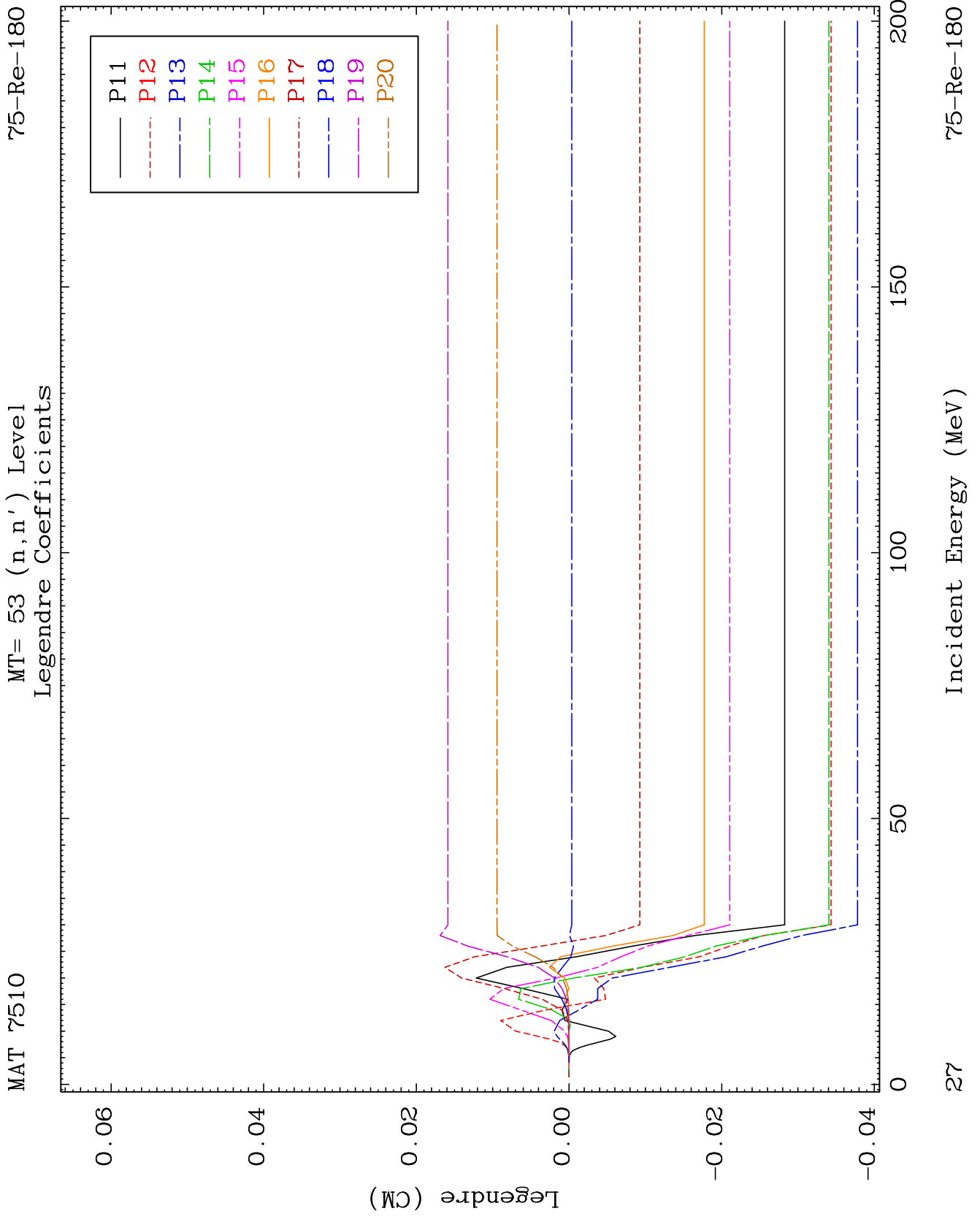
75-Re-180



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Incident Energy (MeV)

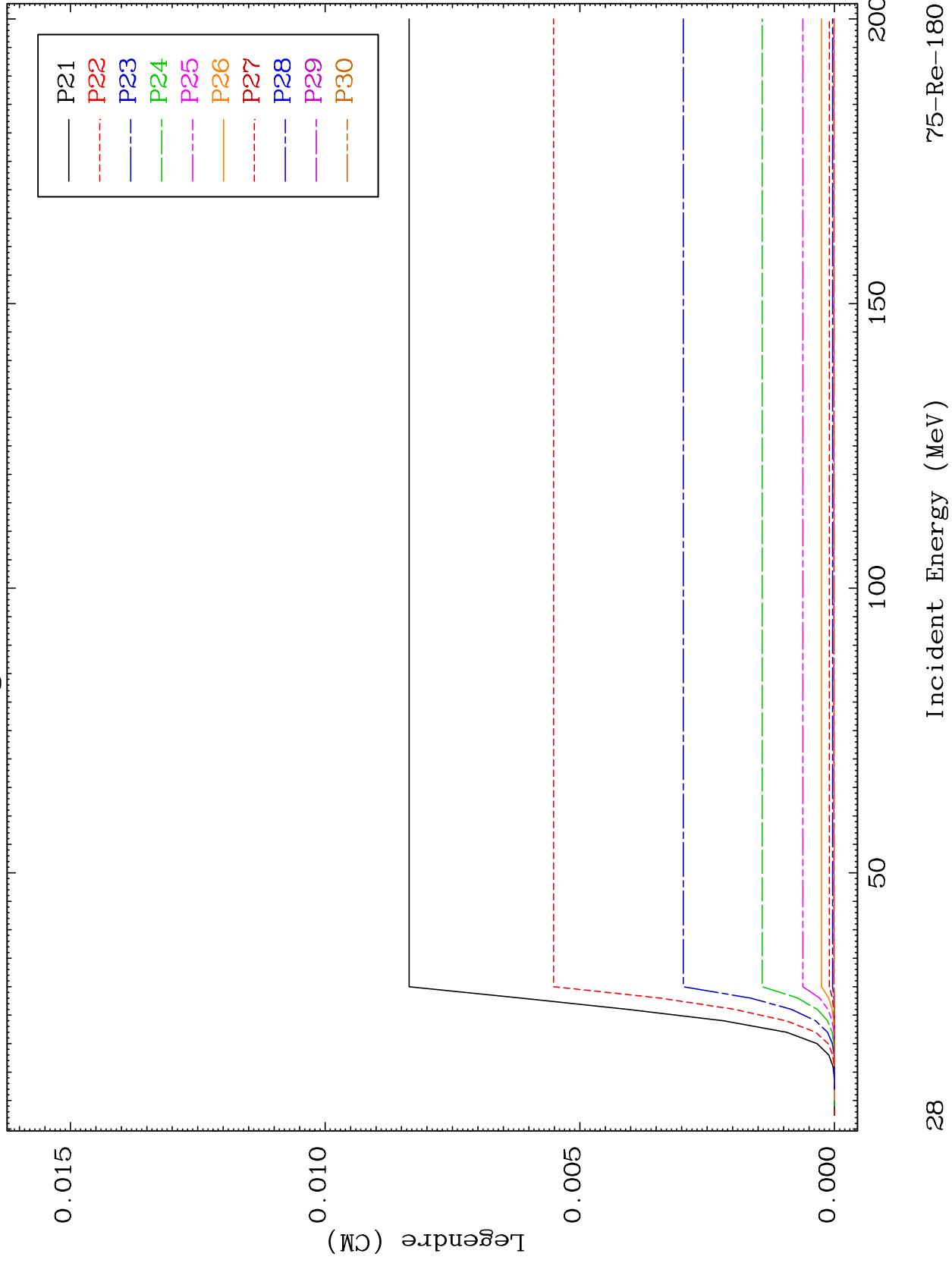
75-Re-180



MAT 7510

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

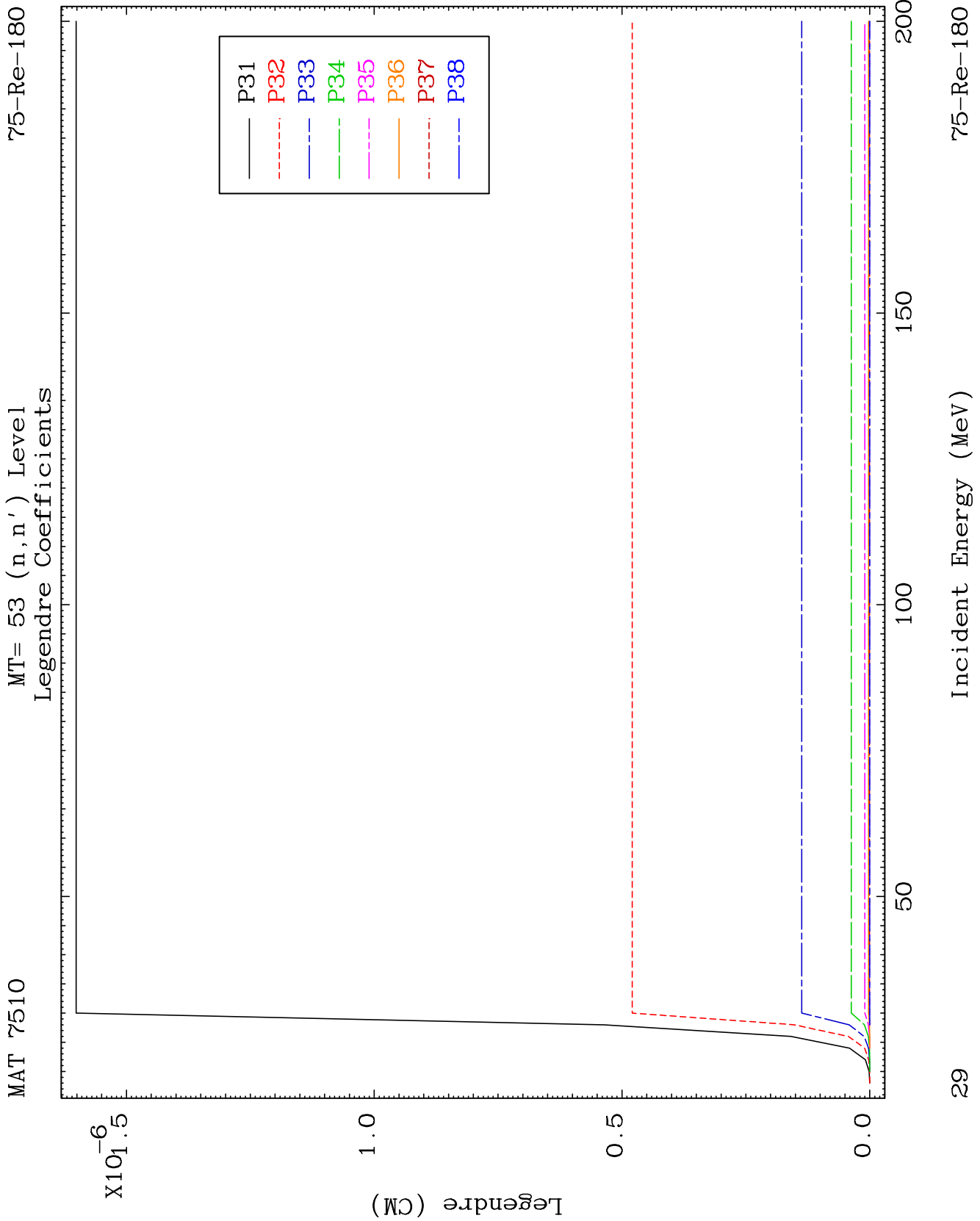
75-Re-180

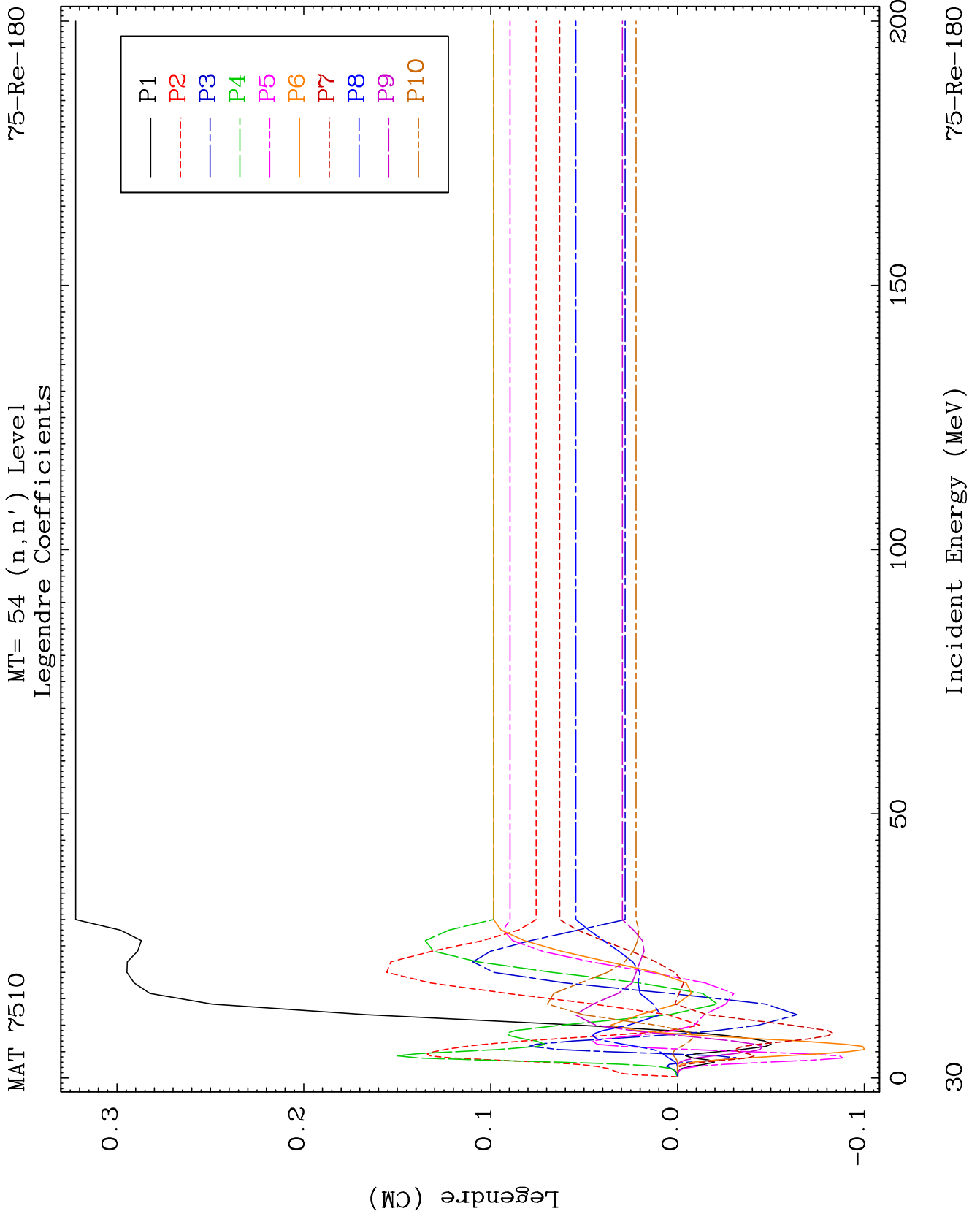


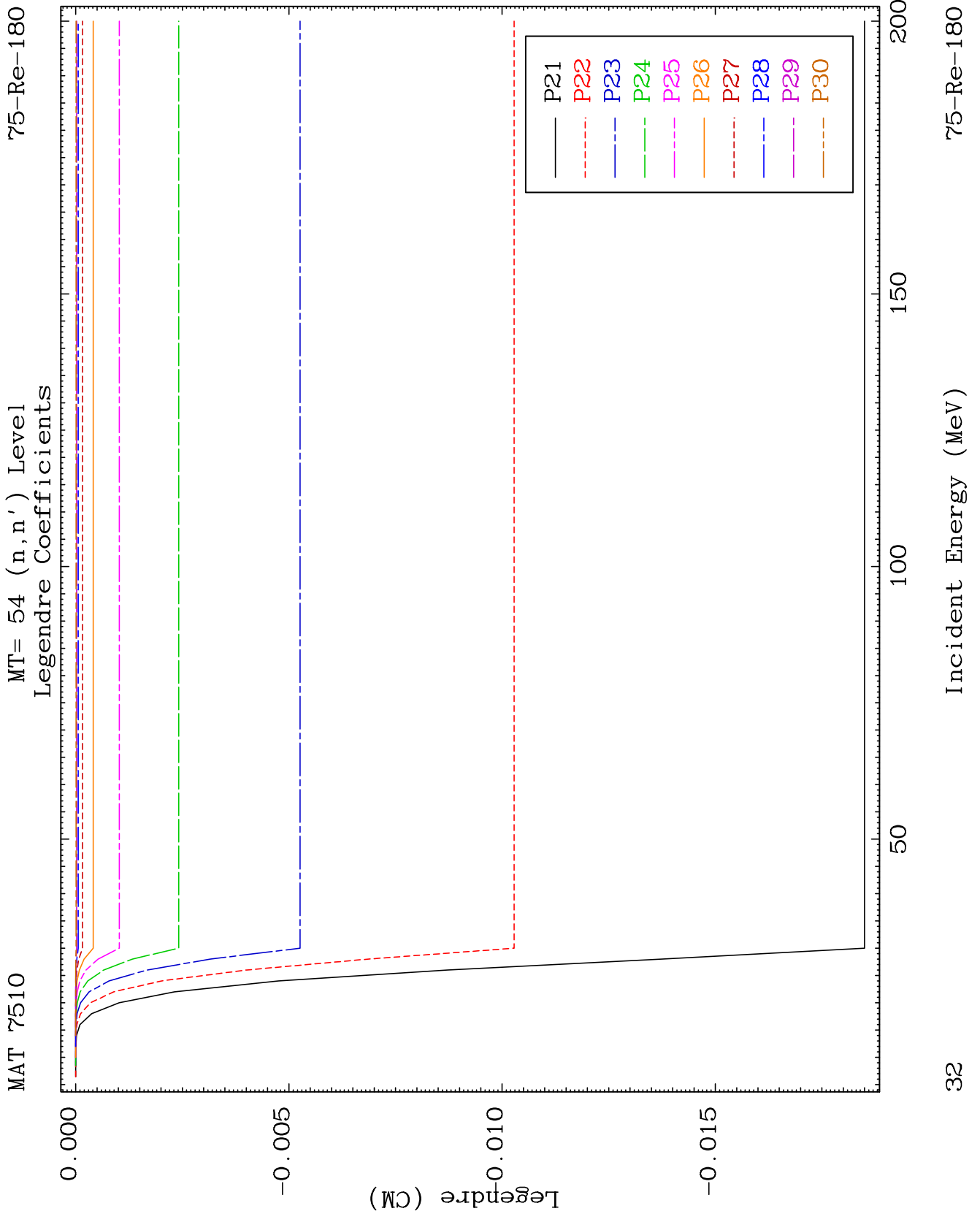
28

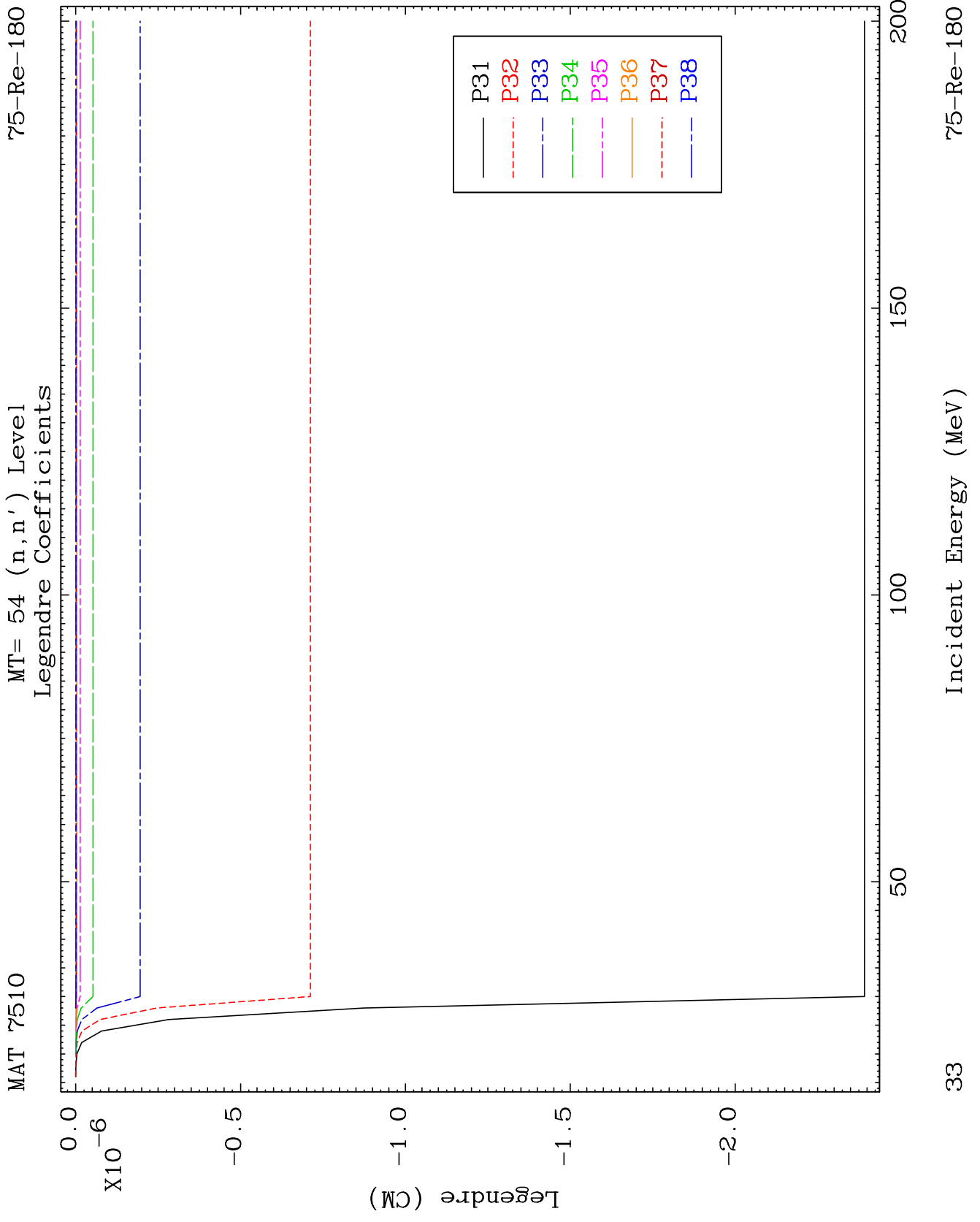
Incident Energy (MeV)

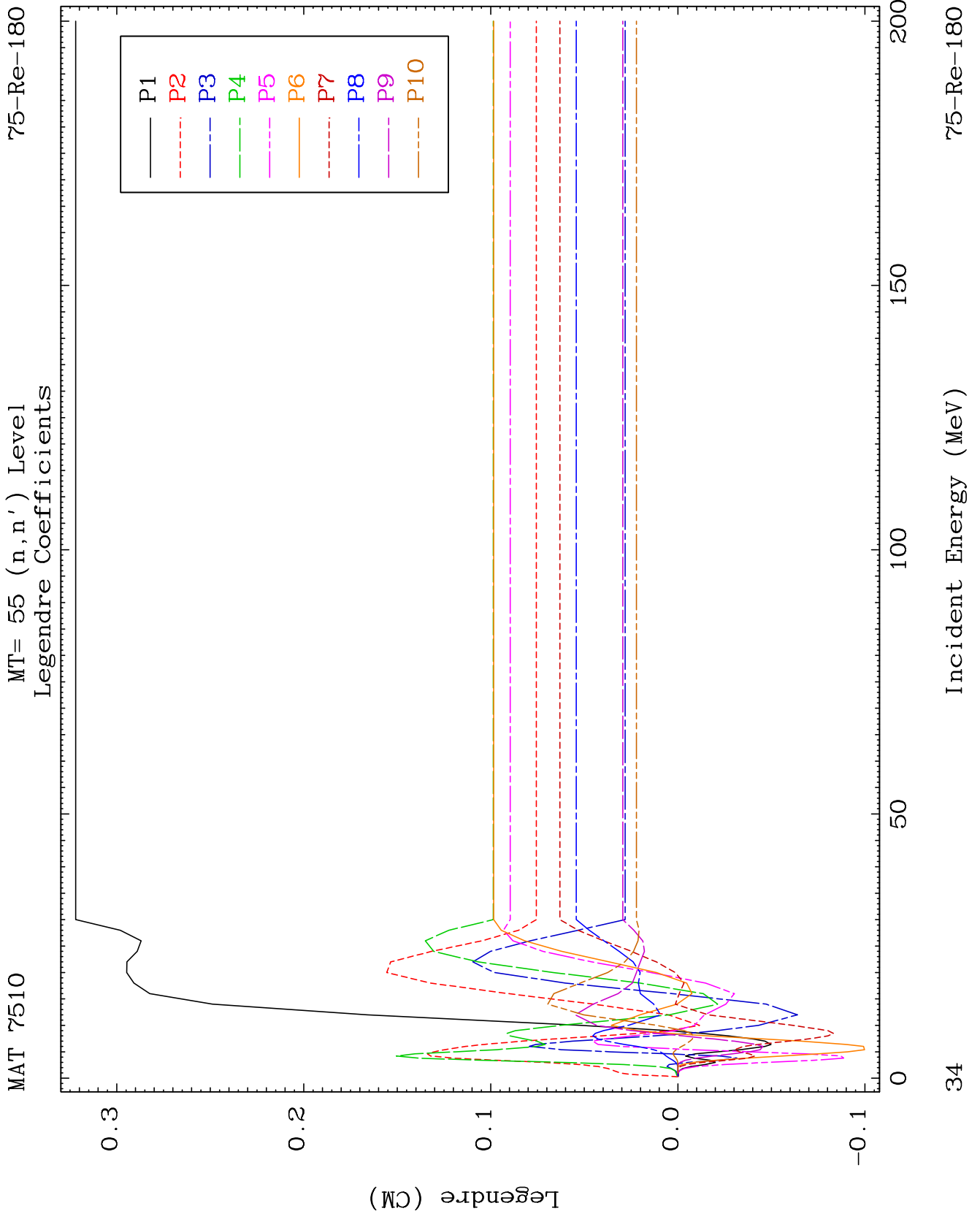
75-Re-180

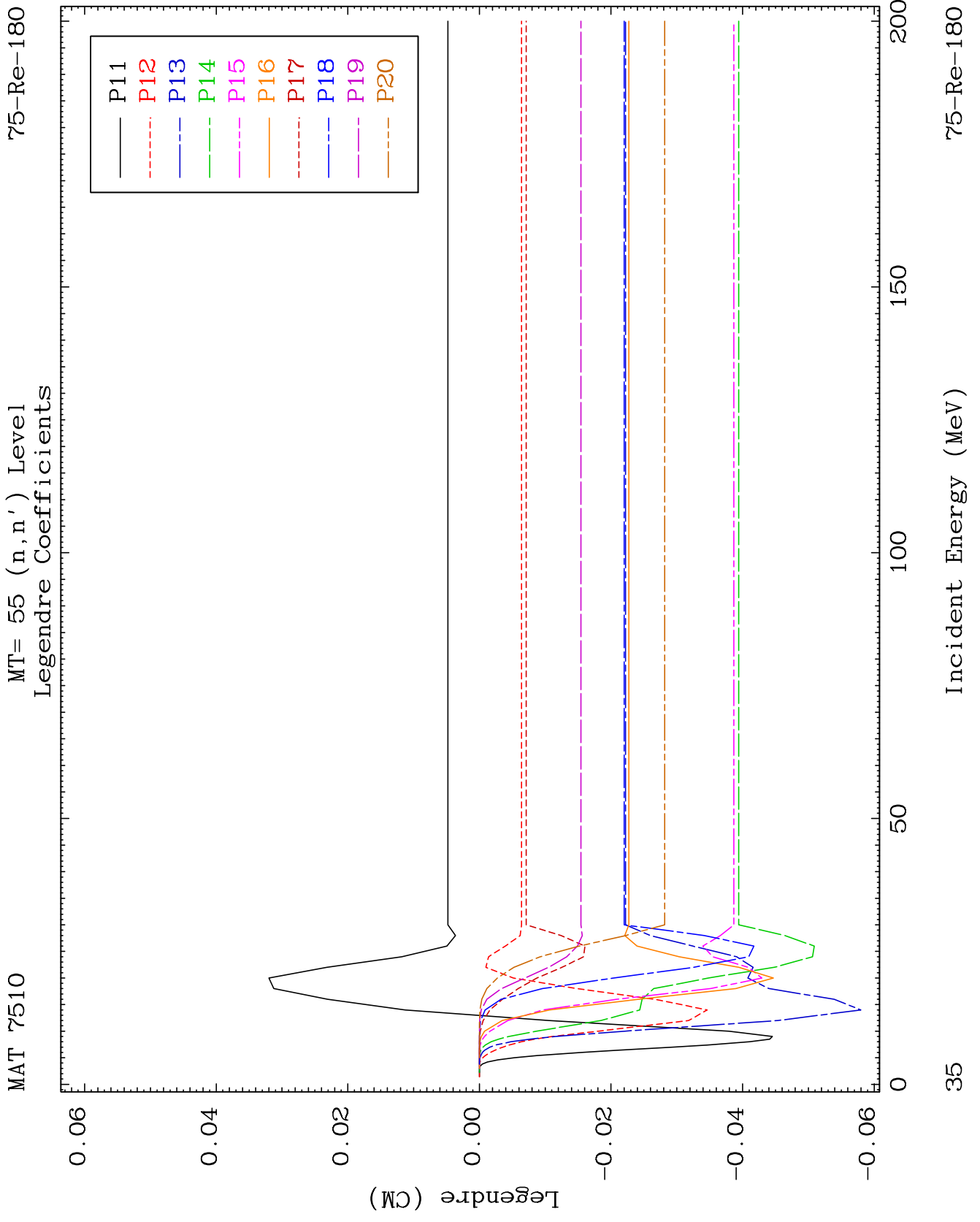


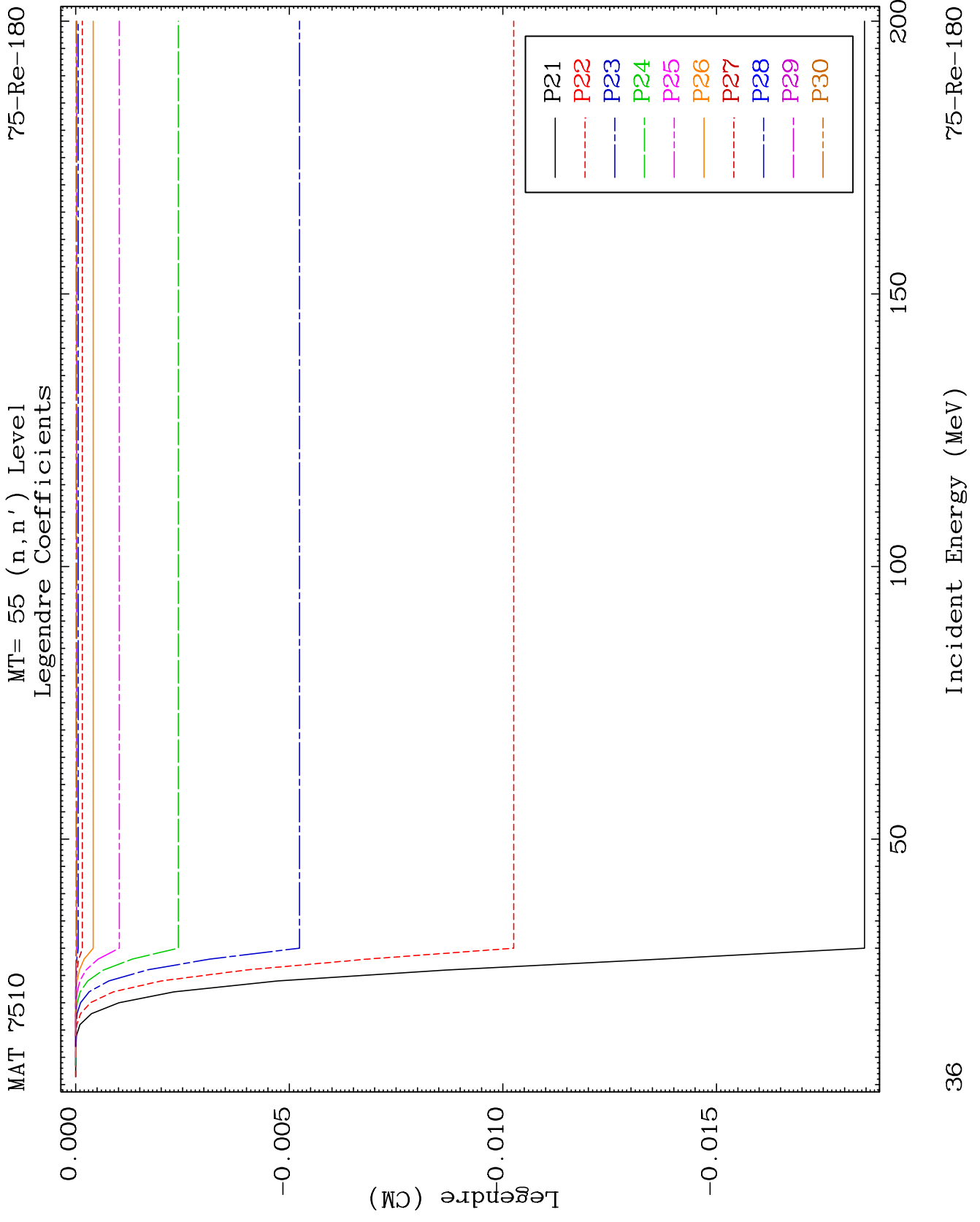


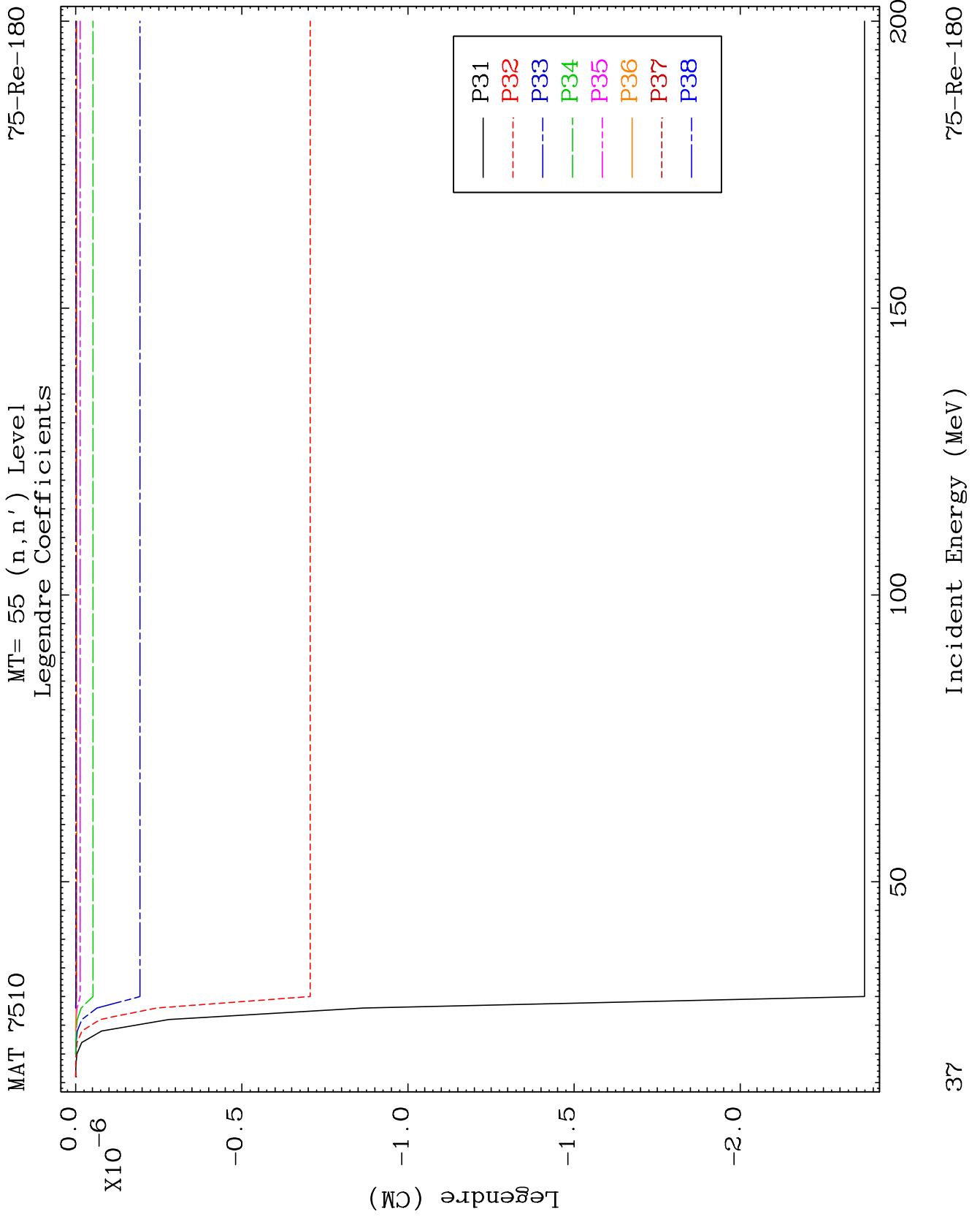


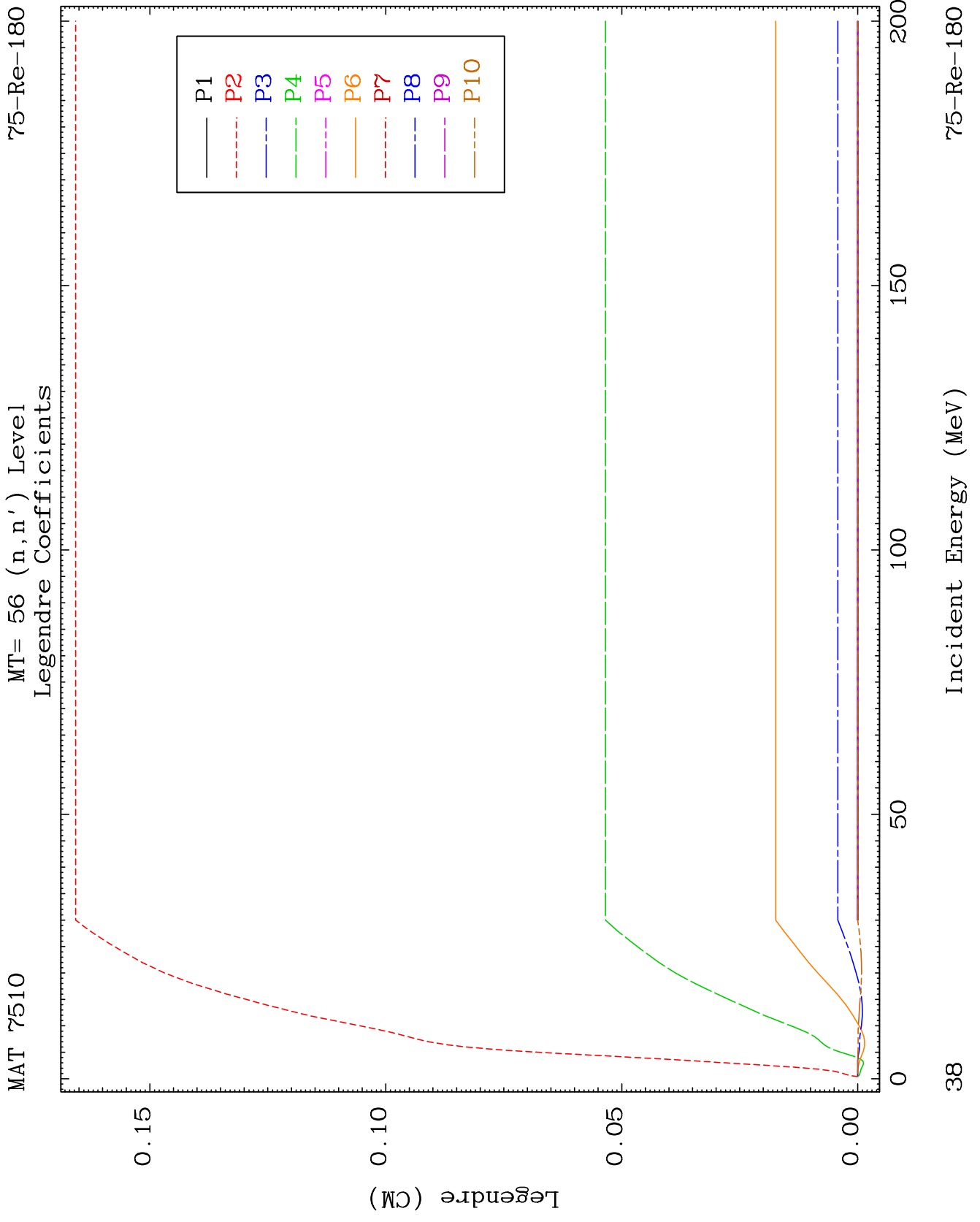


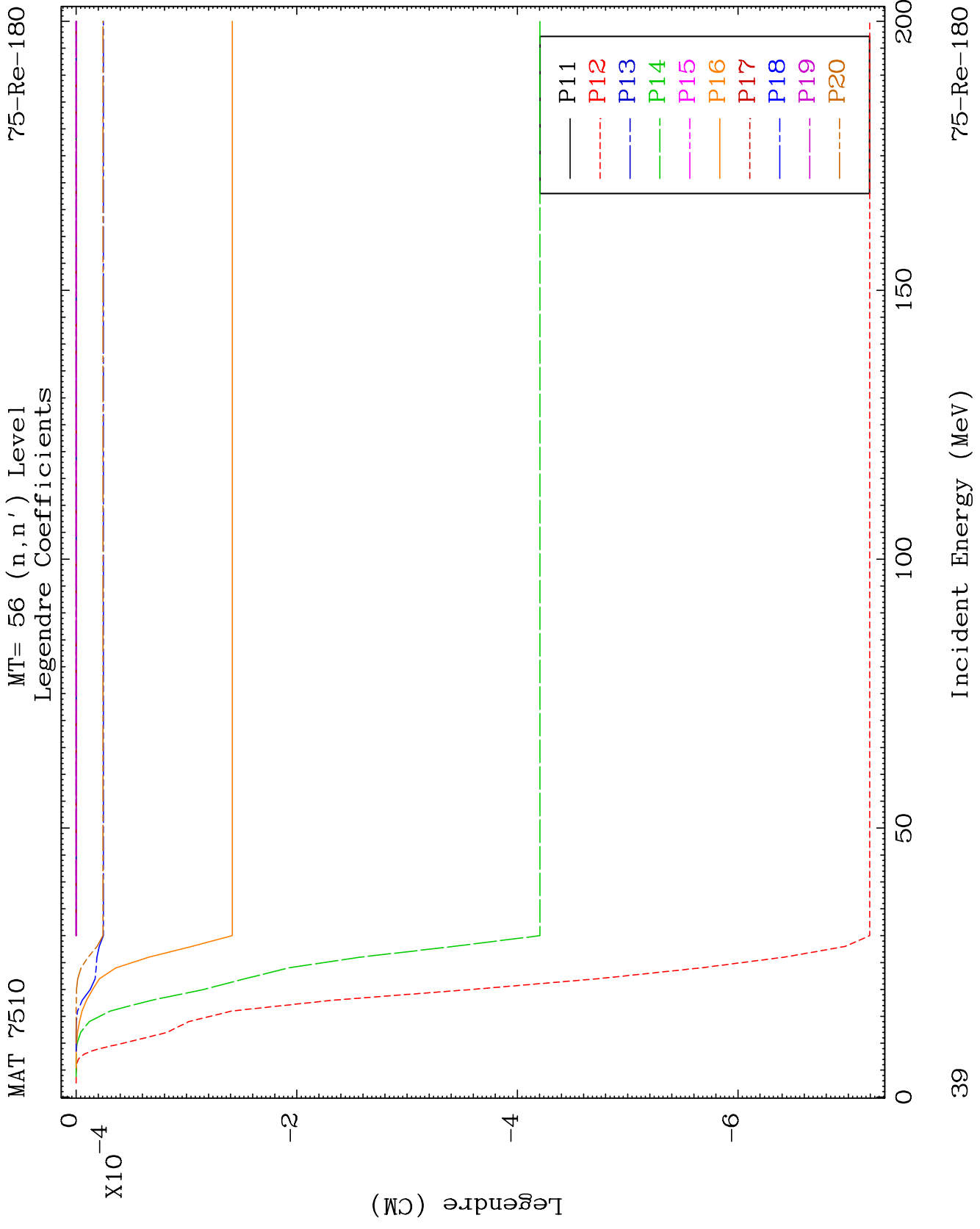


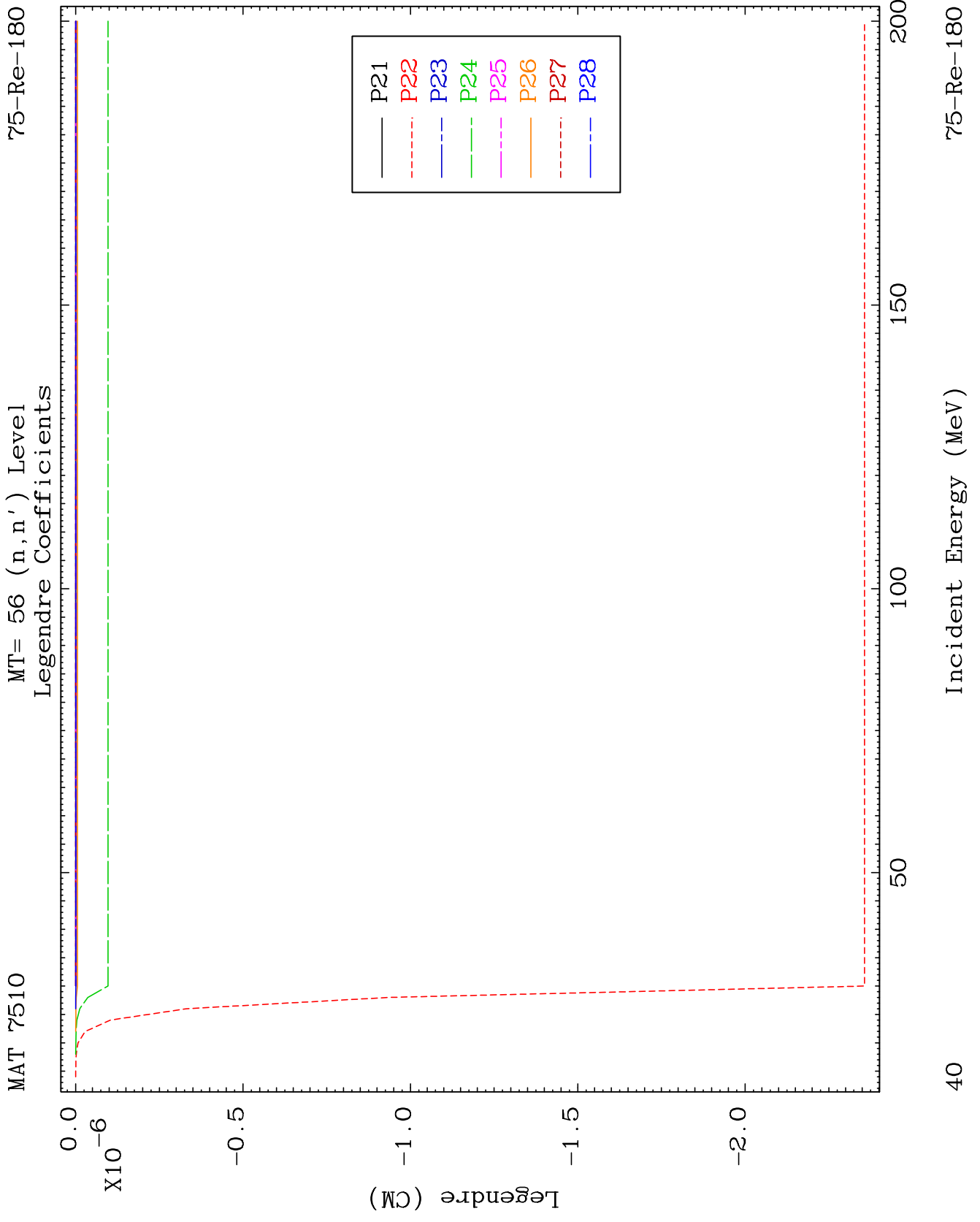


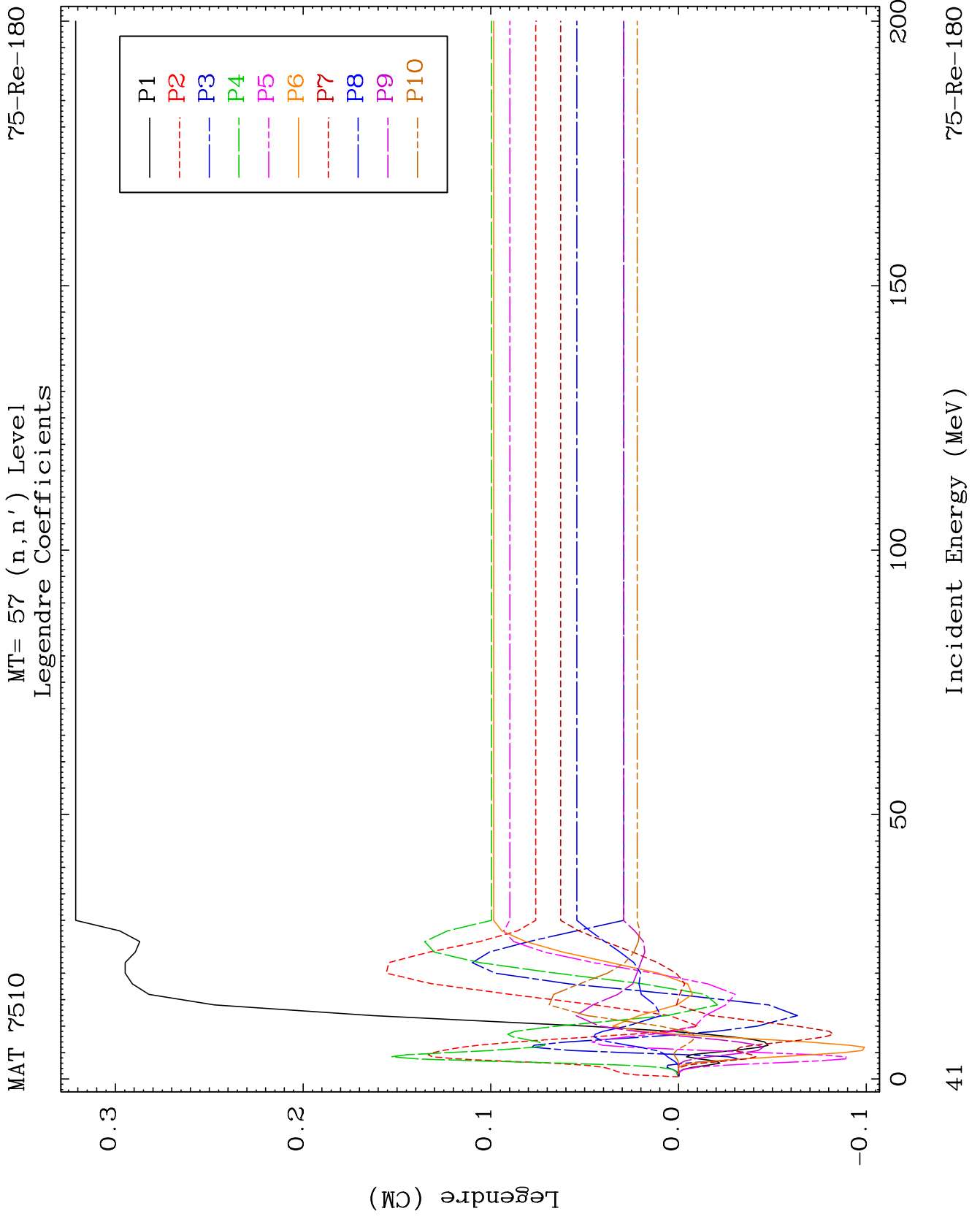


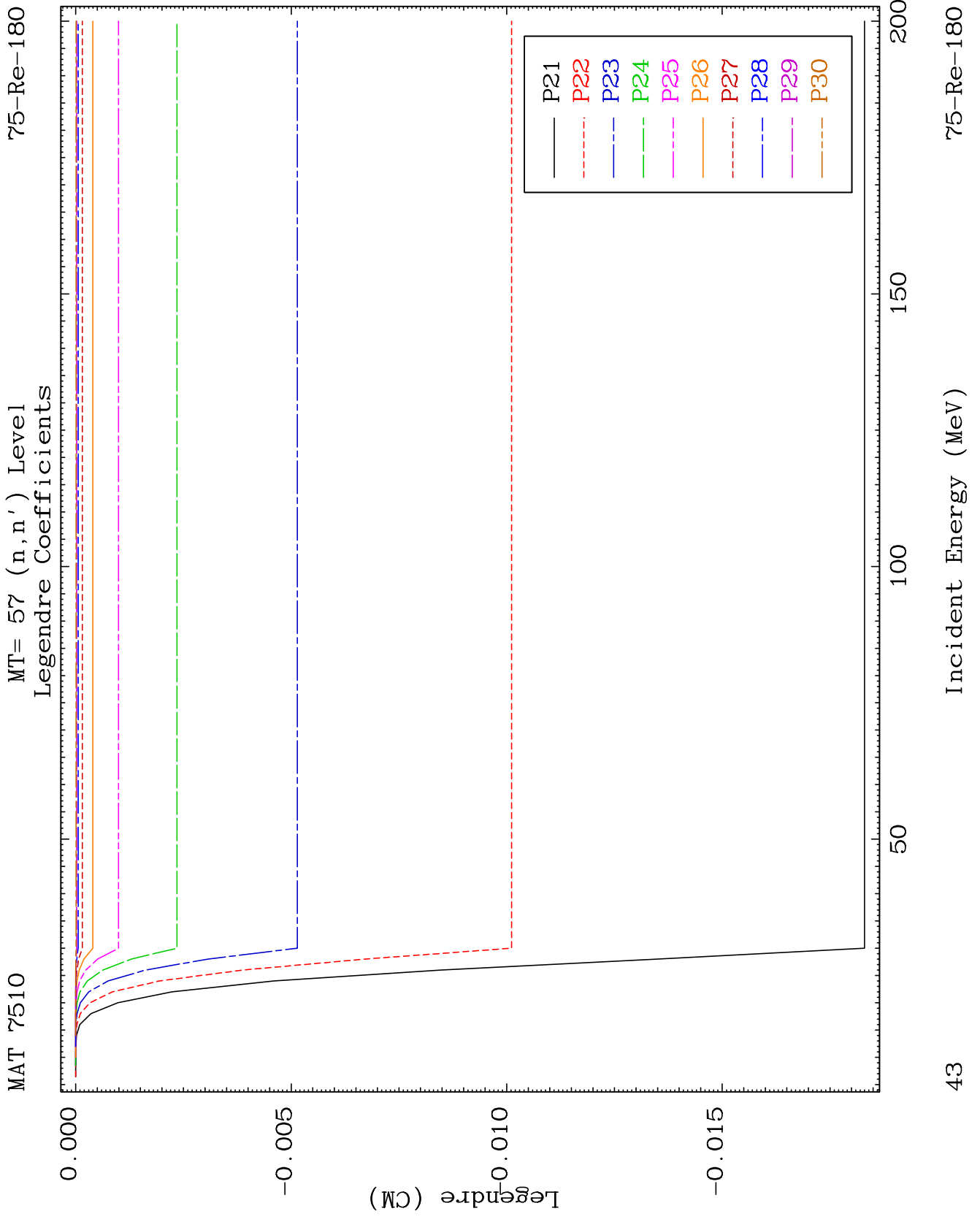


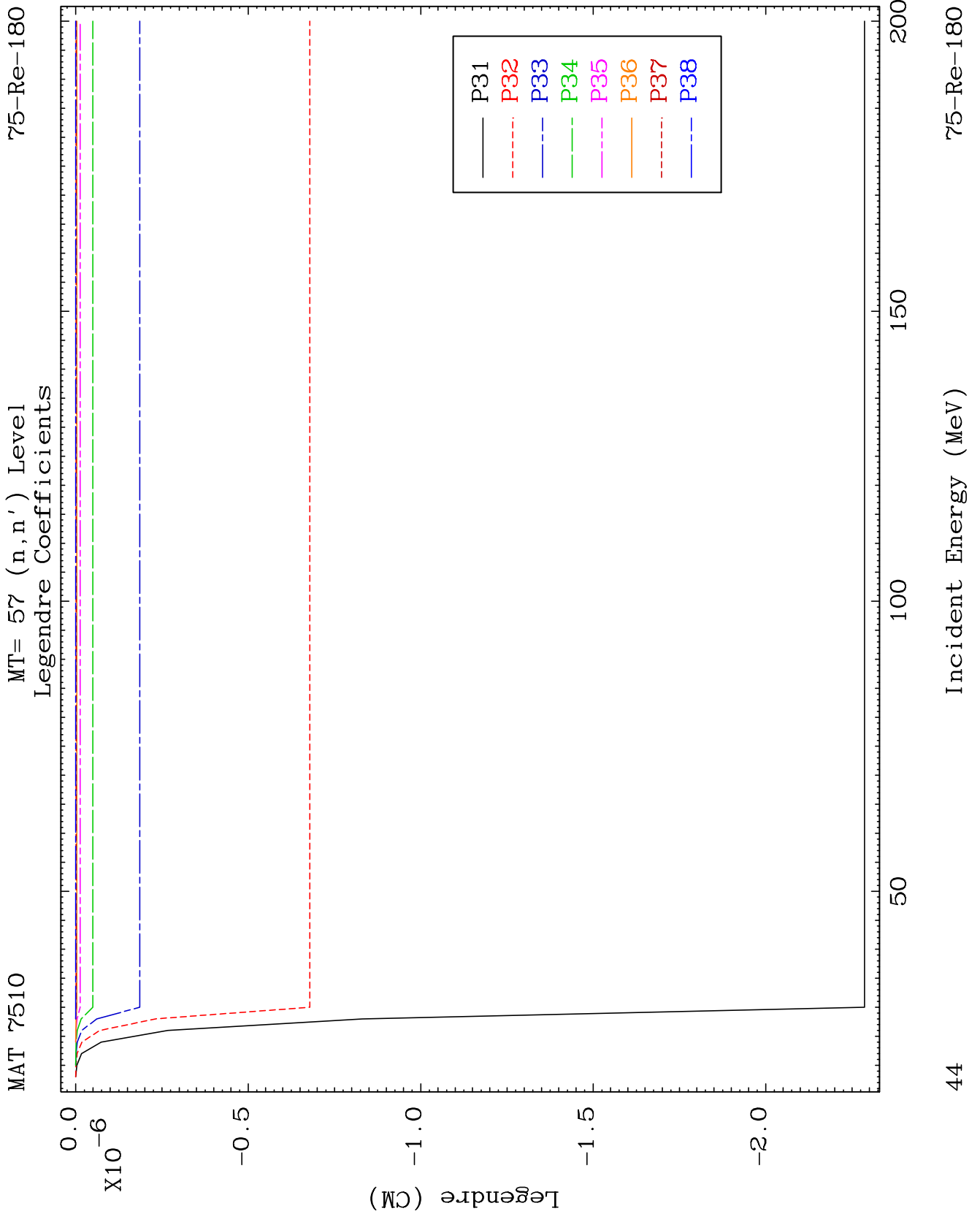


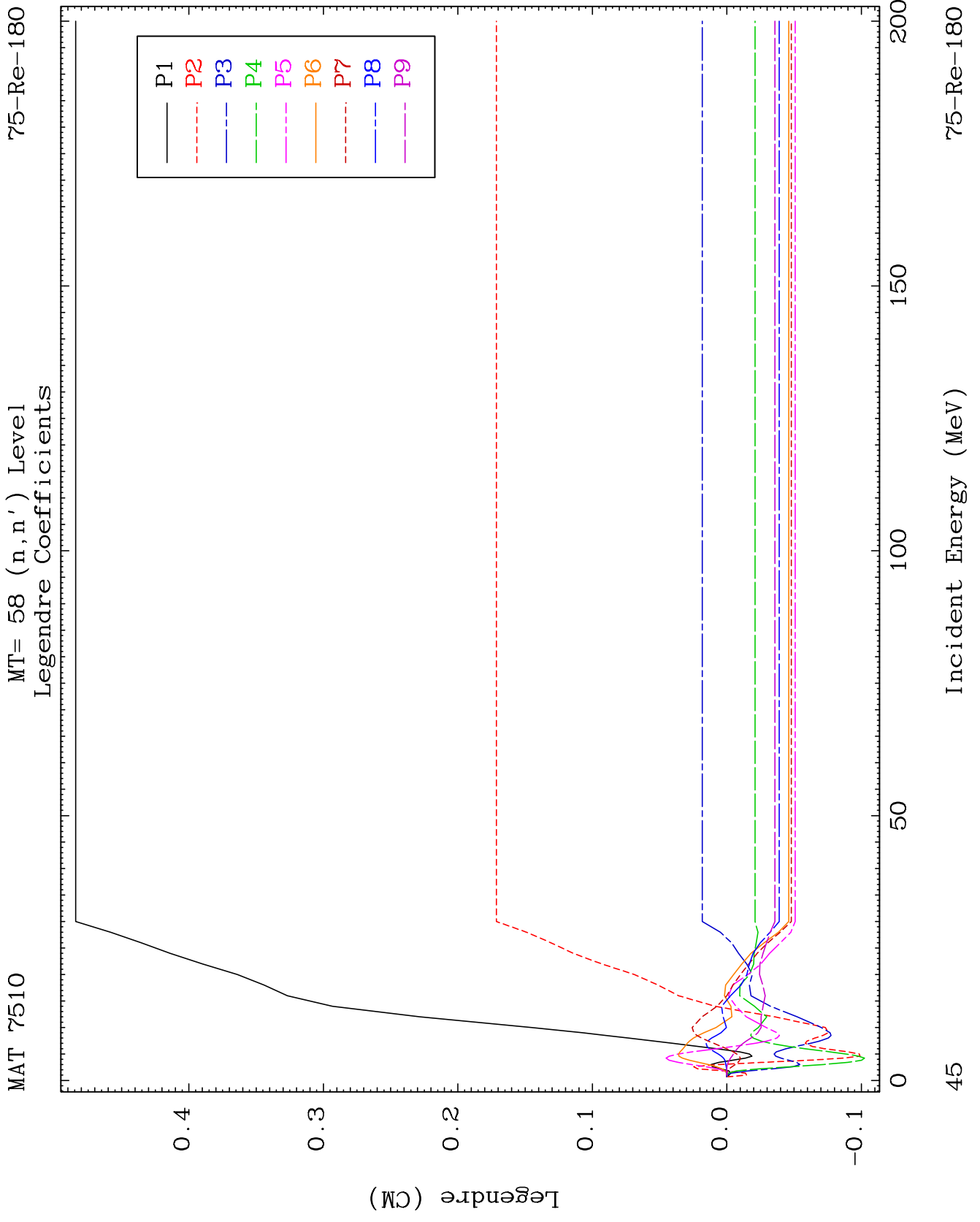


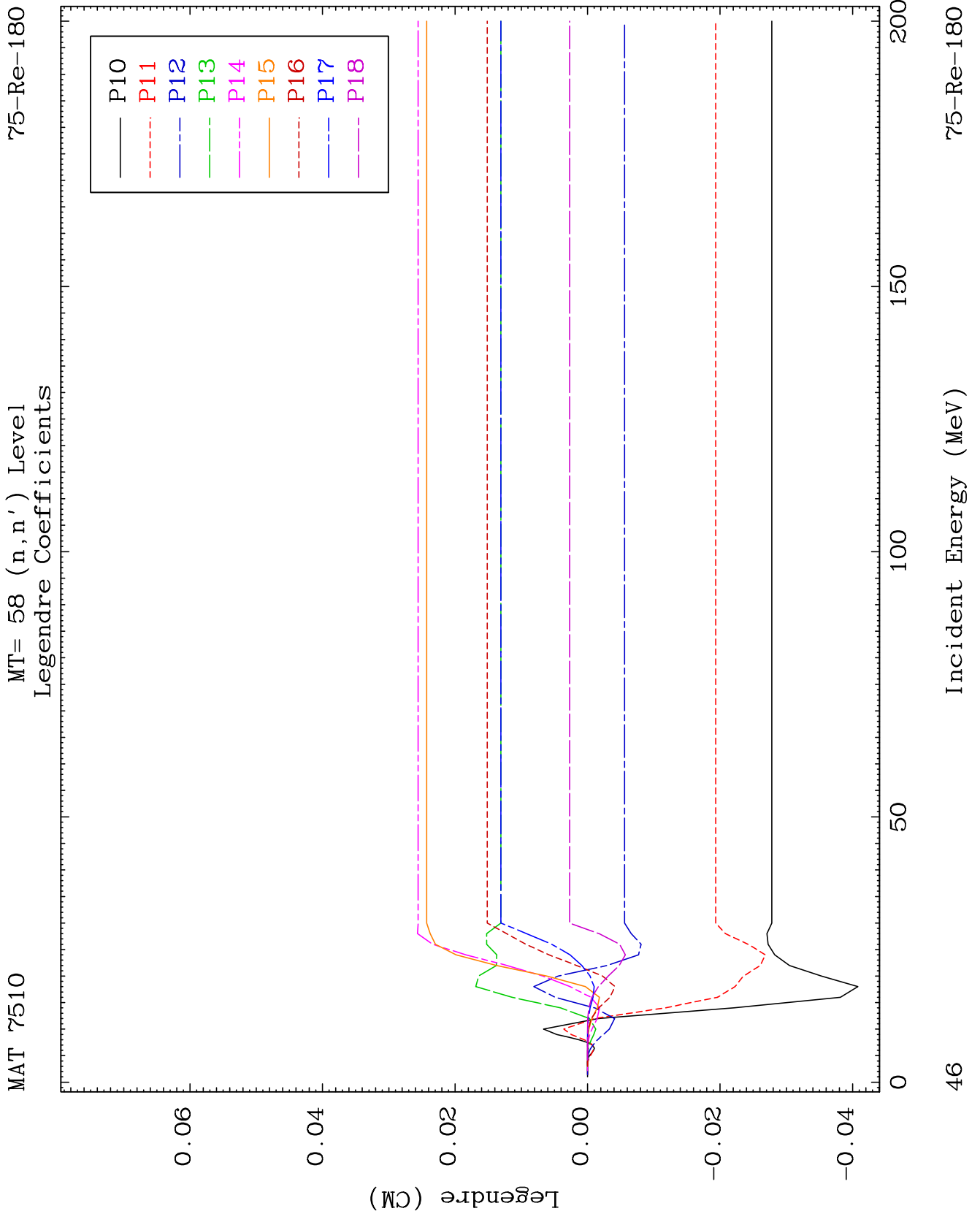








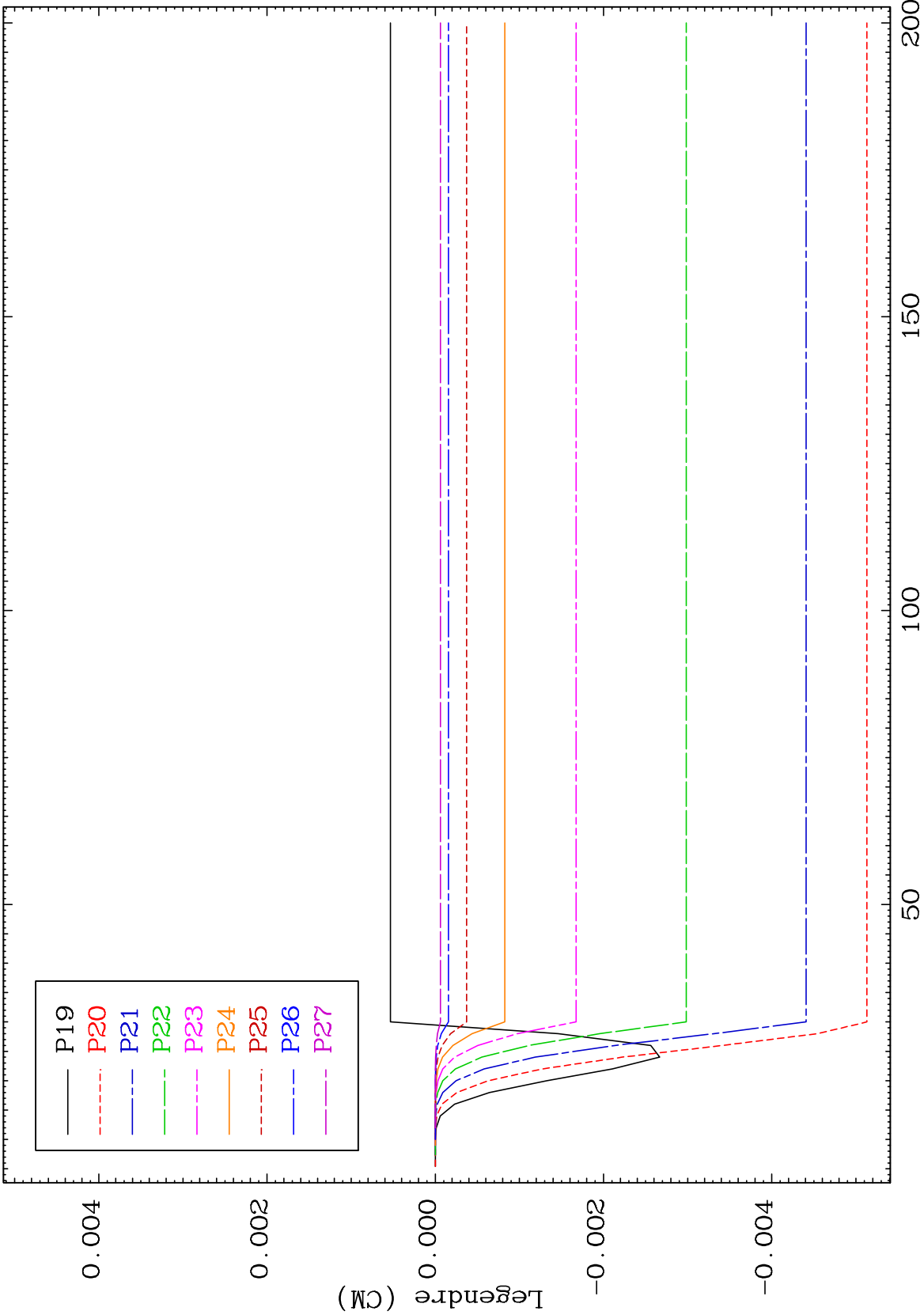


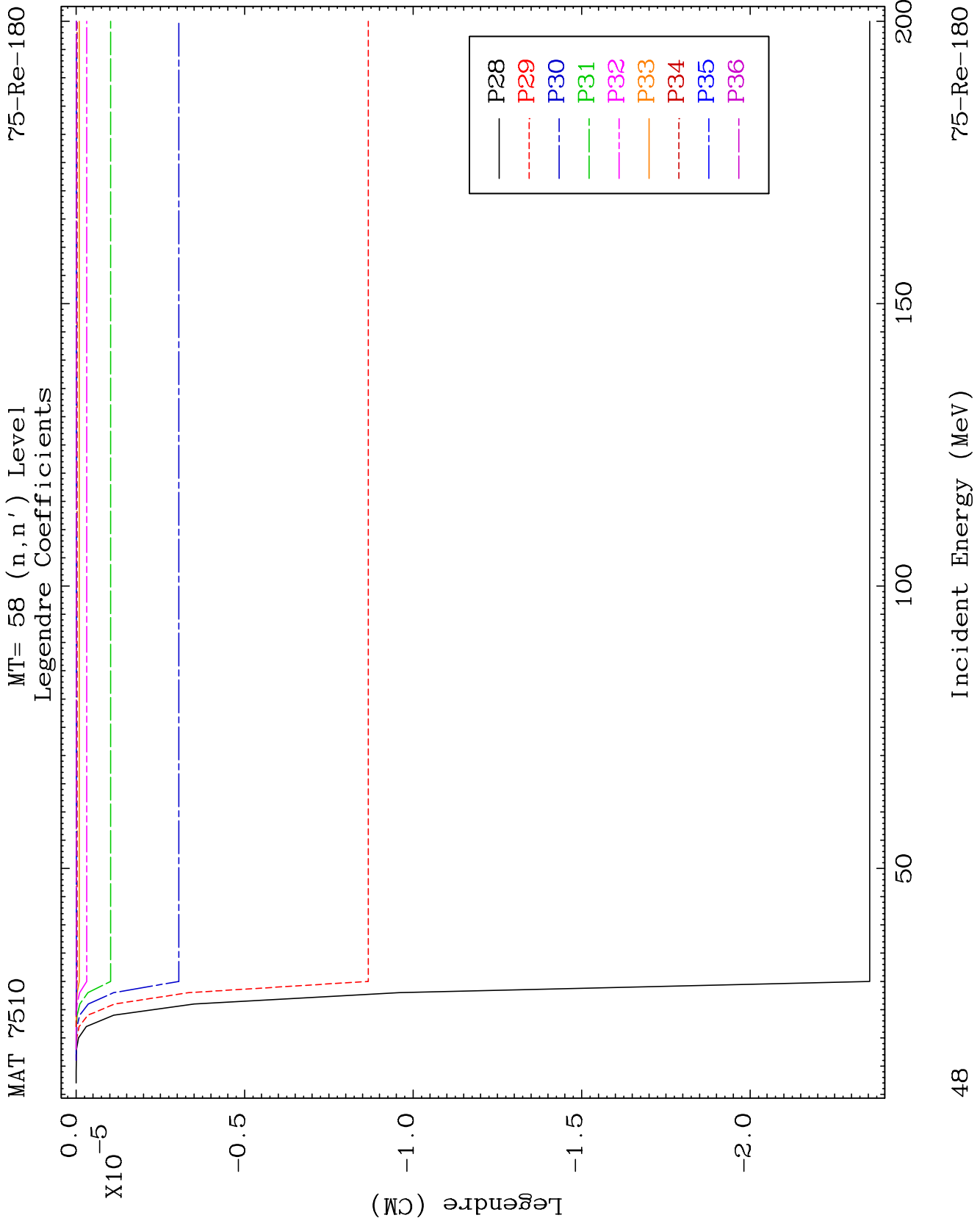


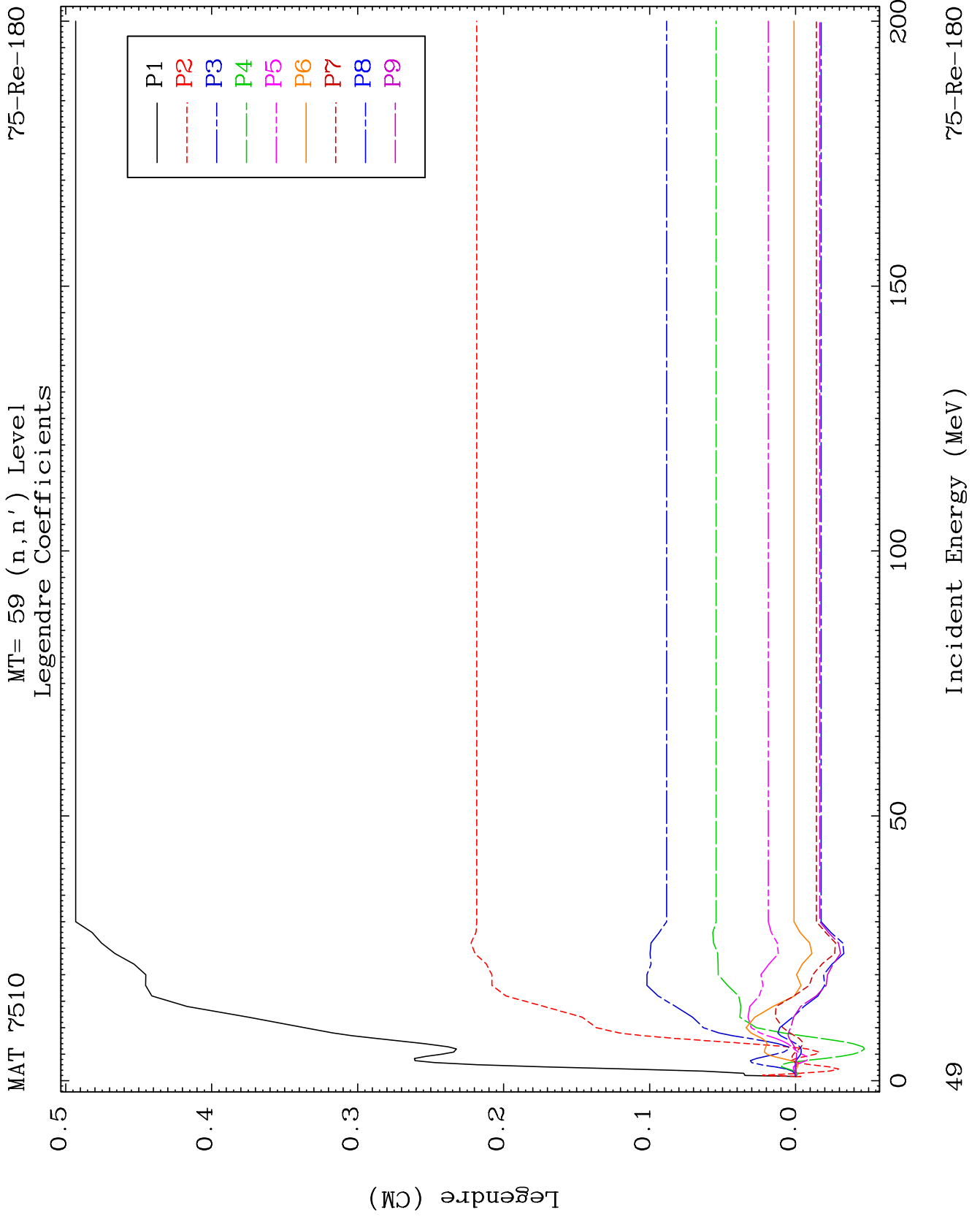
MAT 7510

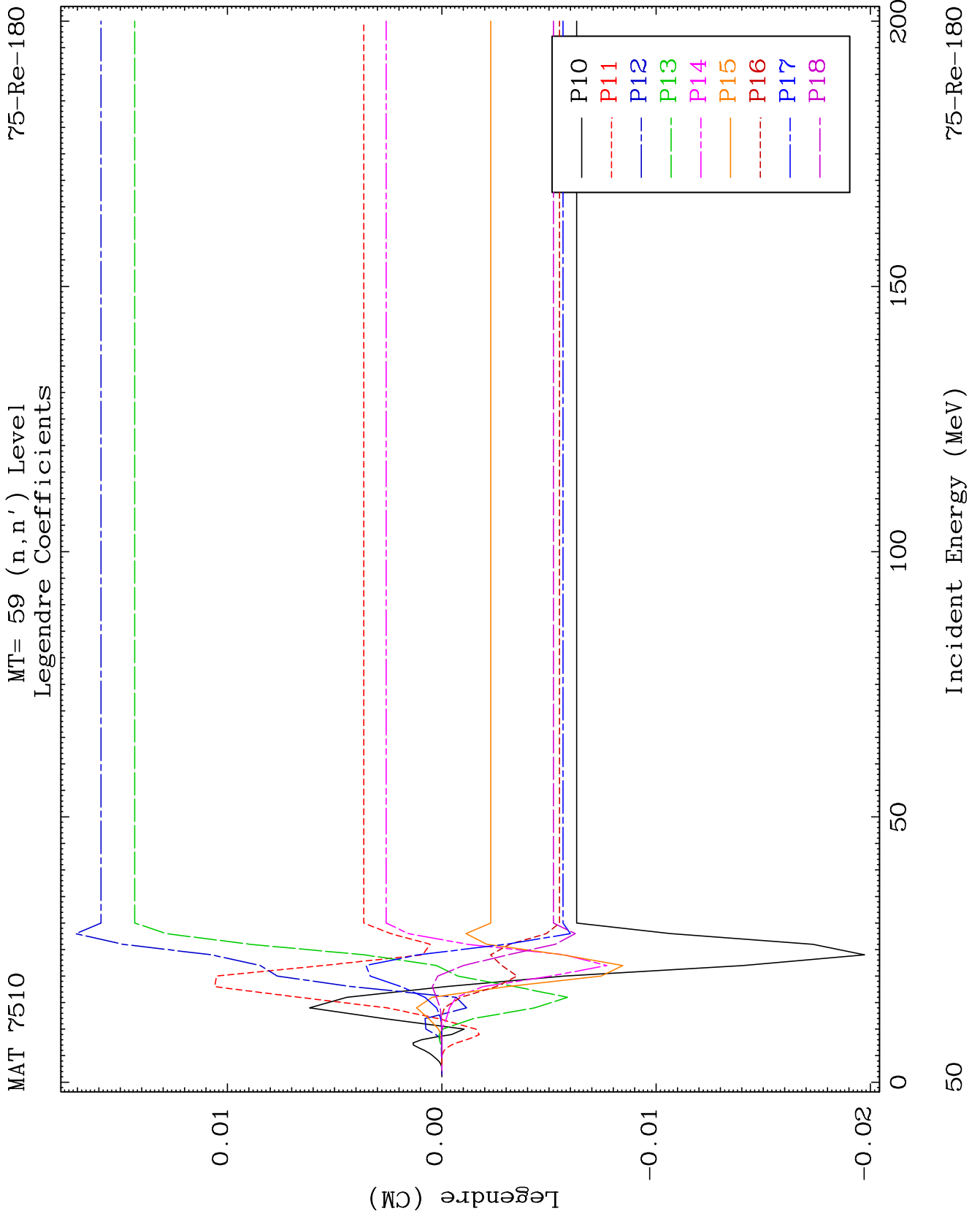
MT= 58 (n,n') Level
Legendre Coefficients

75-Re-180





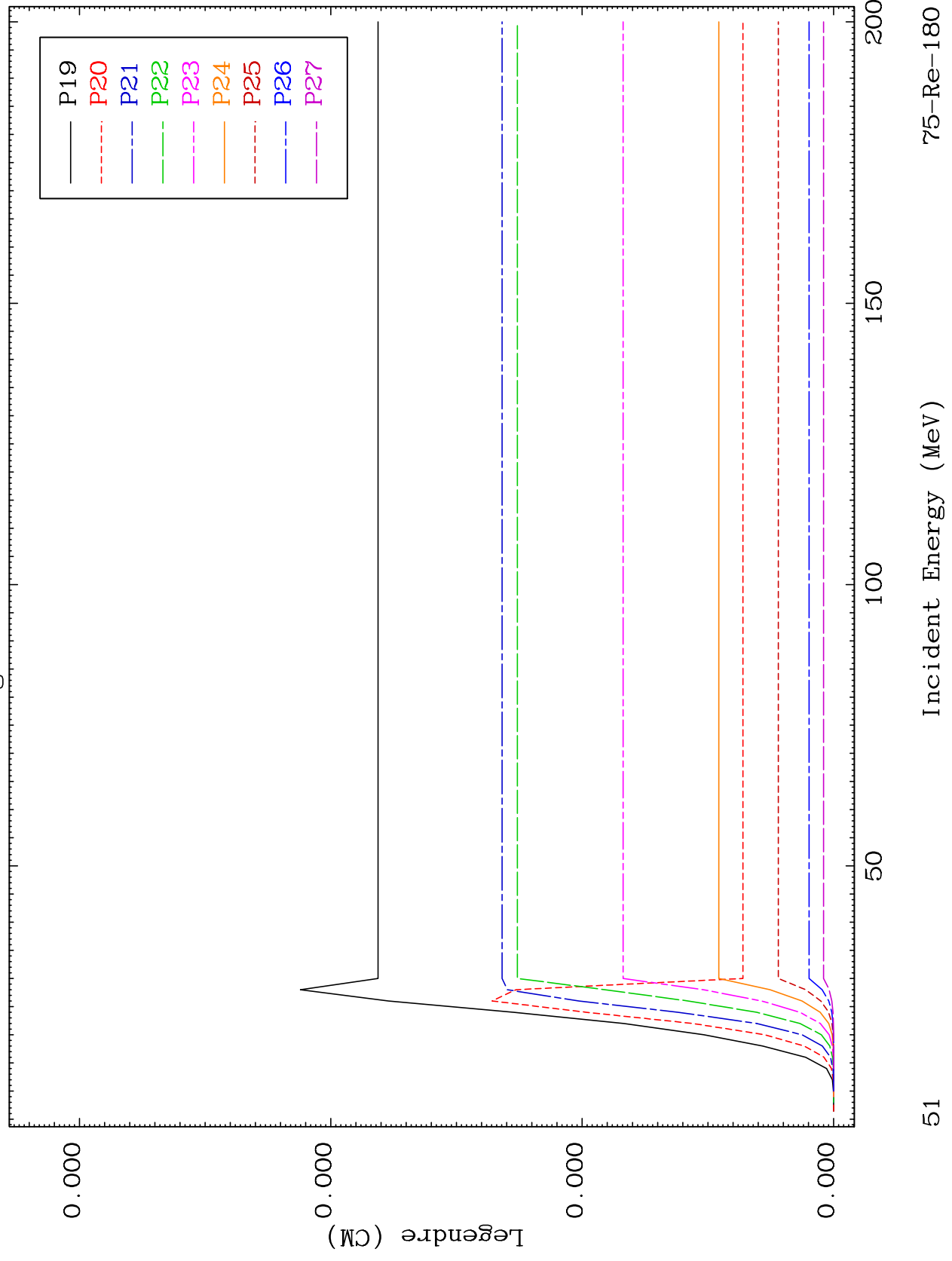


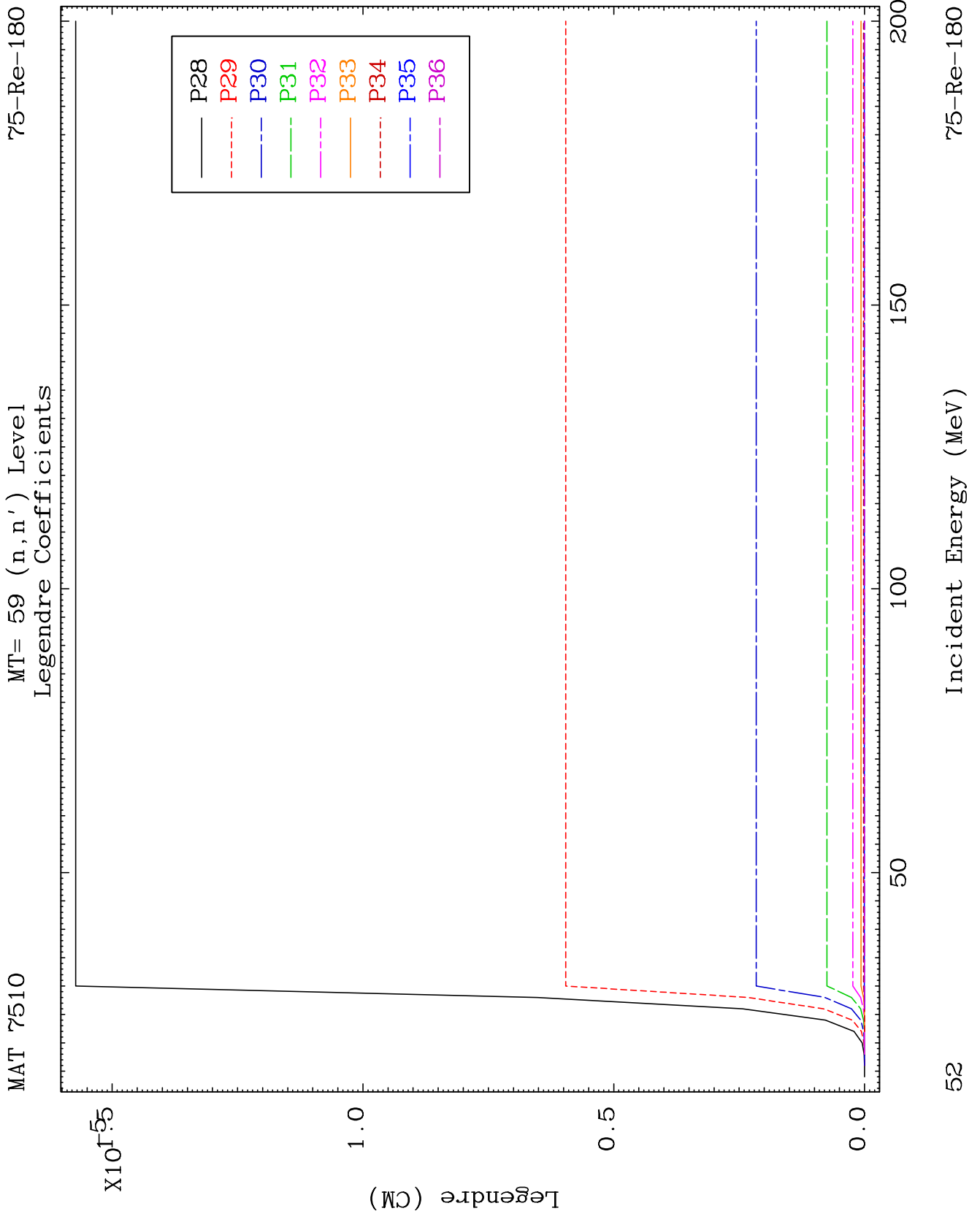


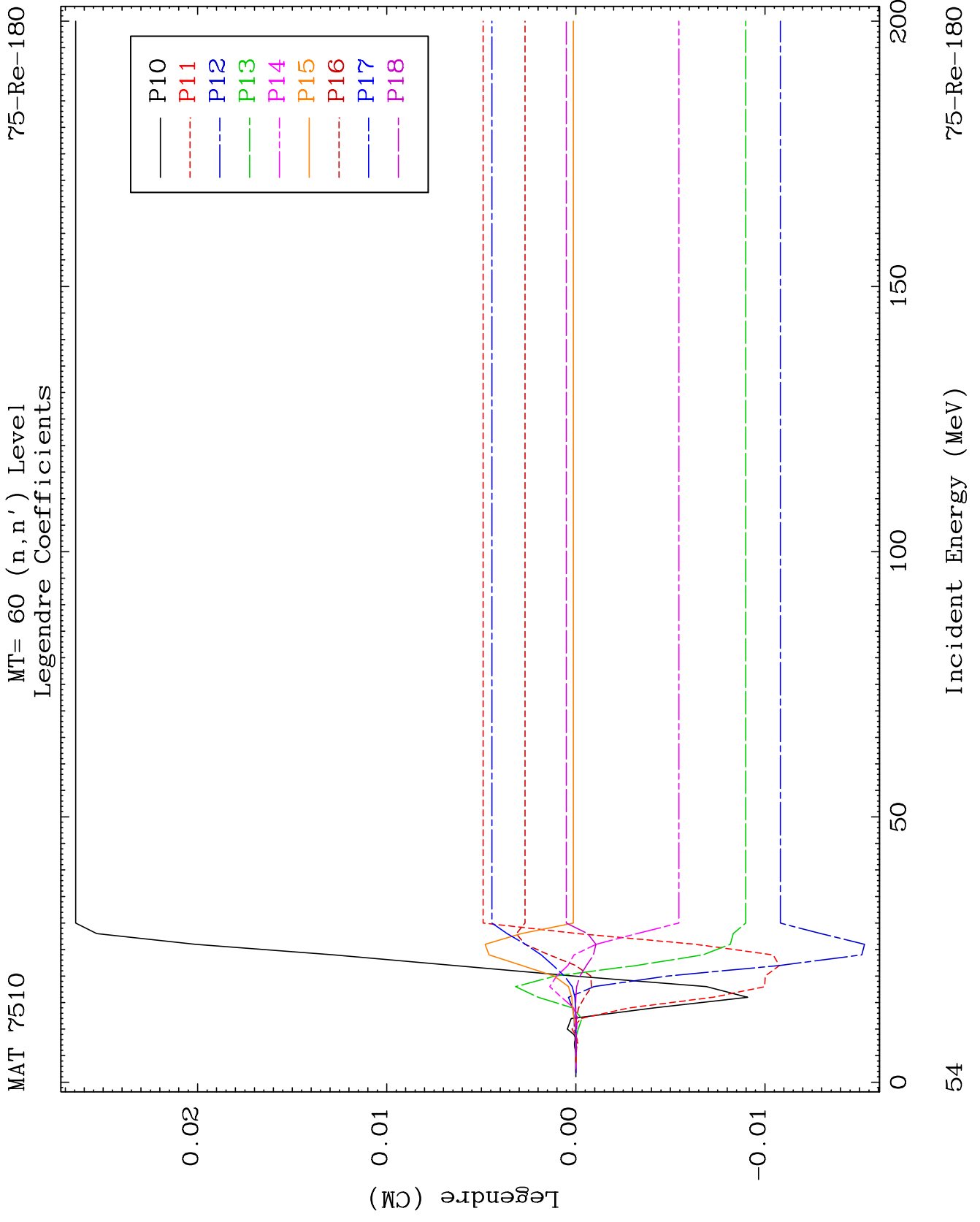
MAT 7510

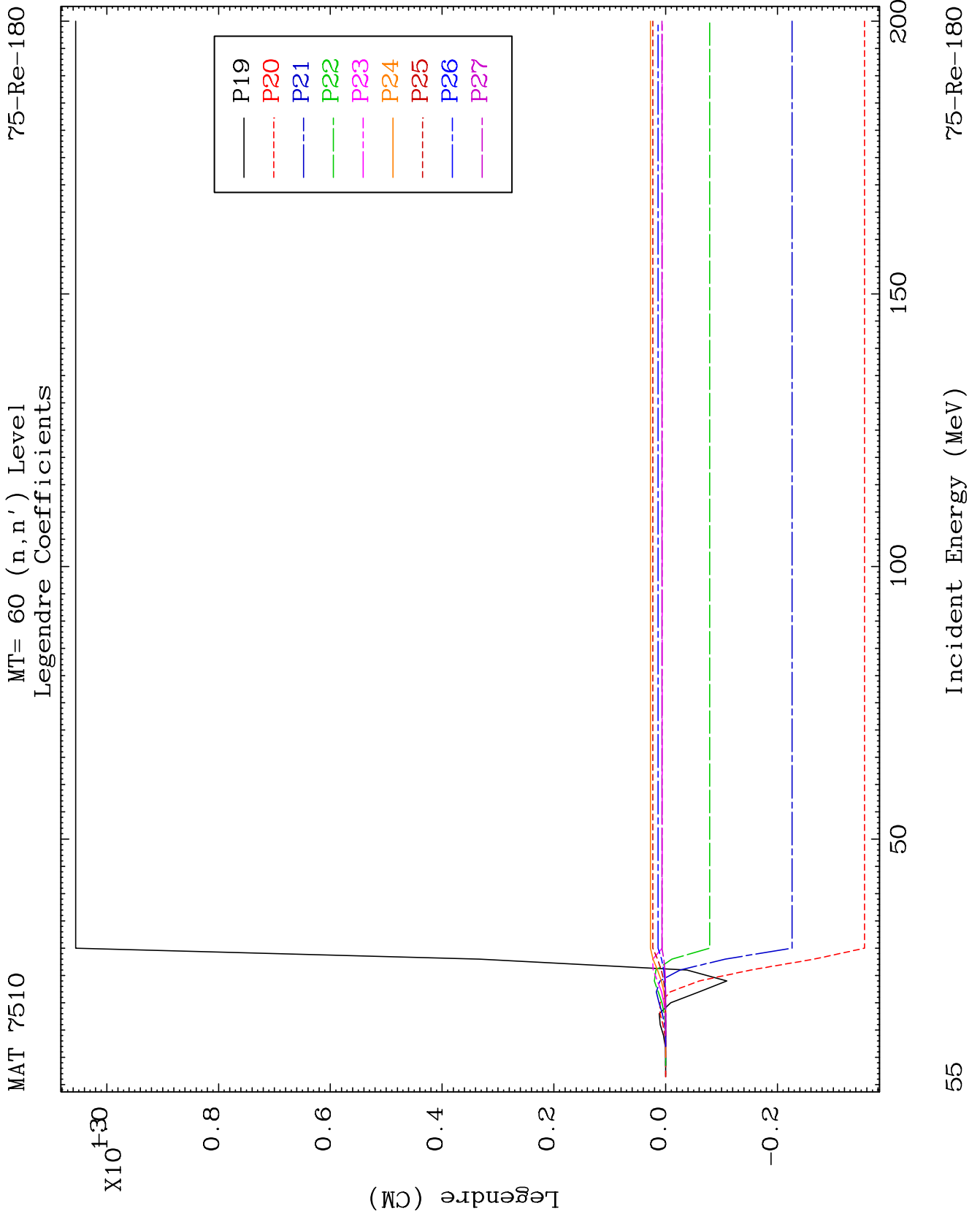
MT= 59 (n,n') Level
Legendre Coefficients

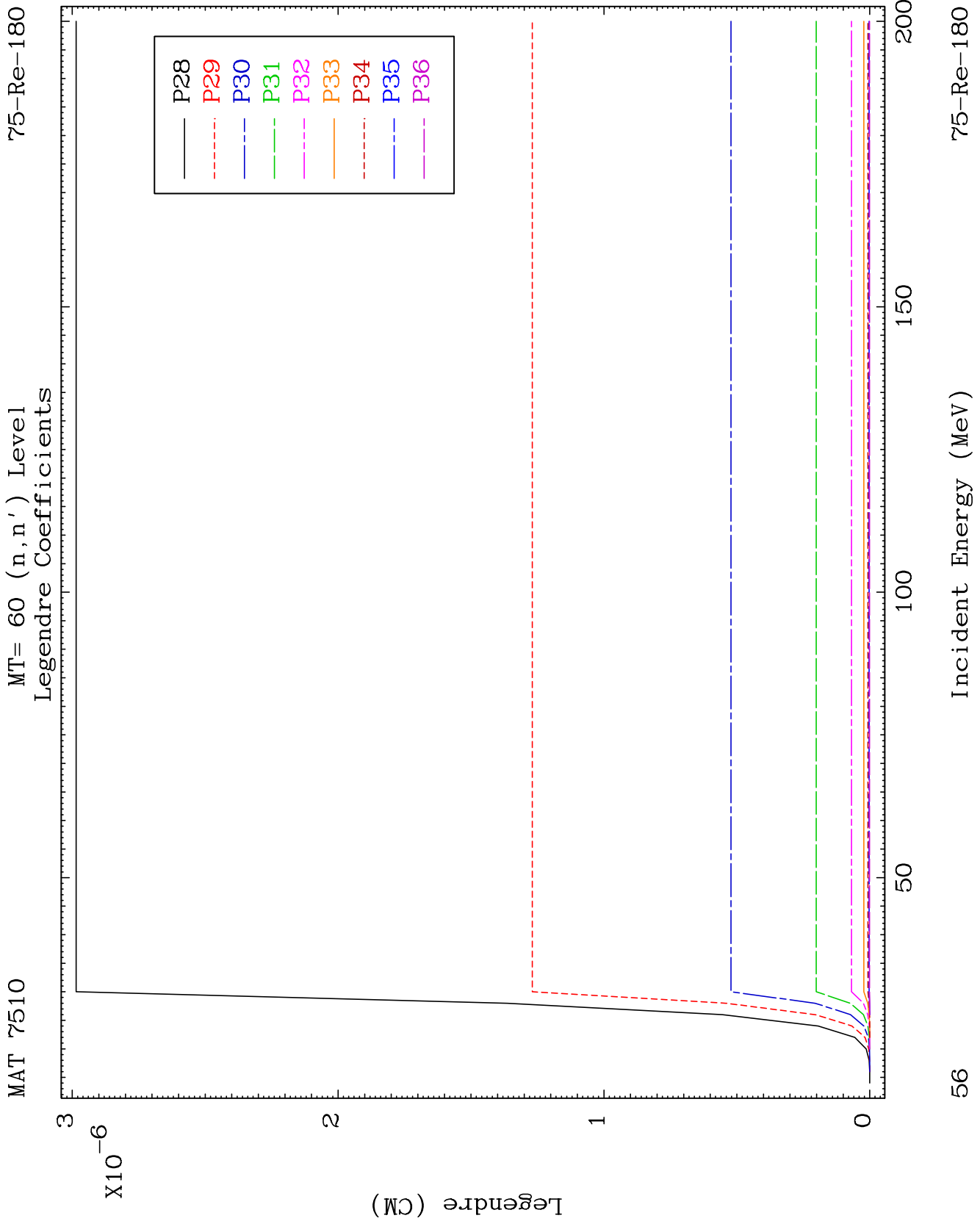
75-Re-180

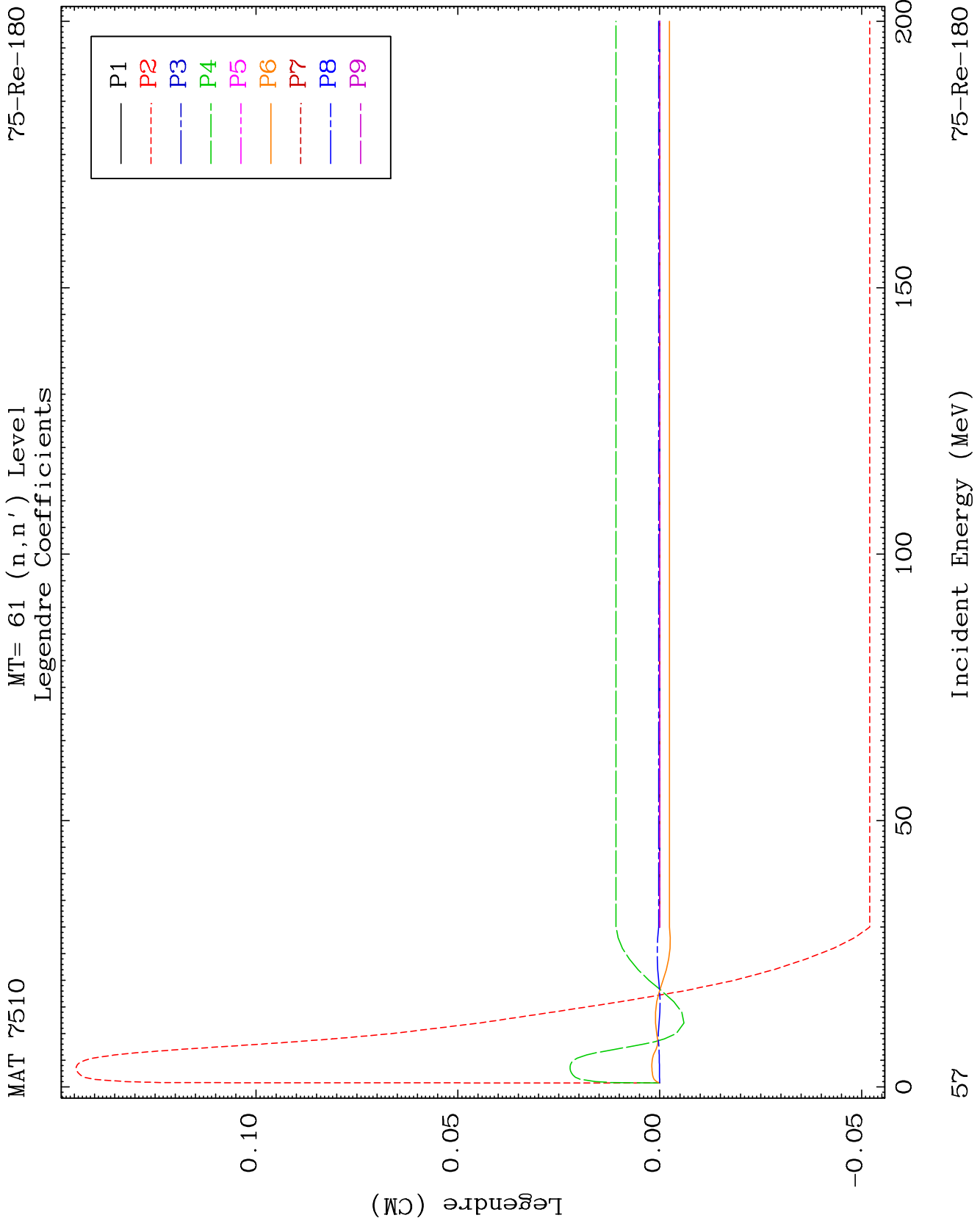


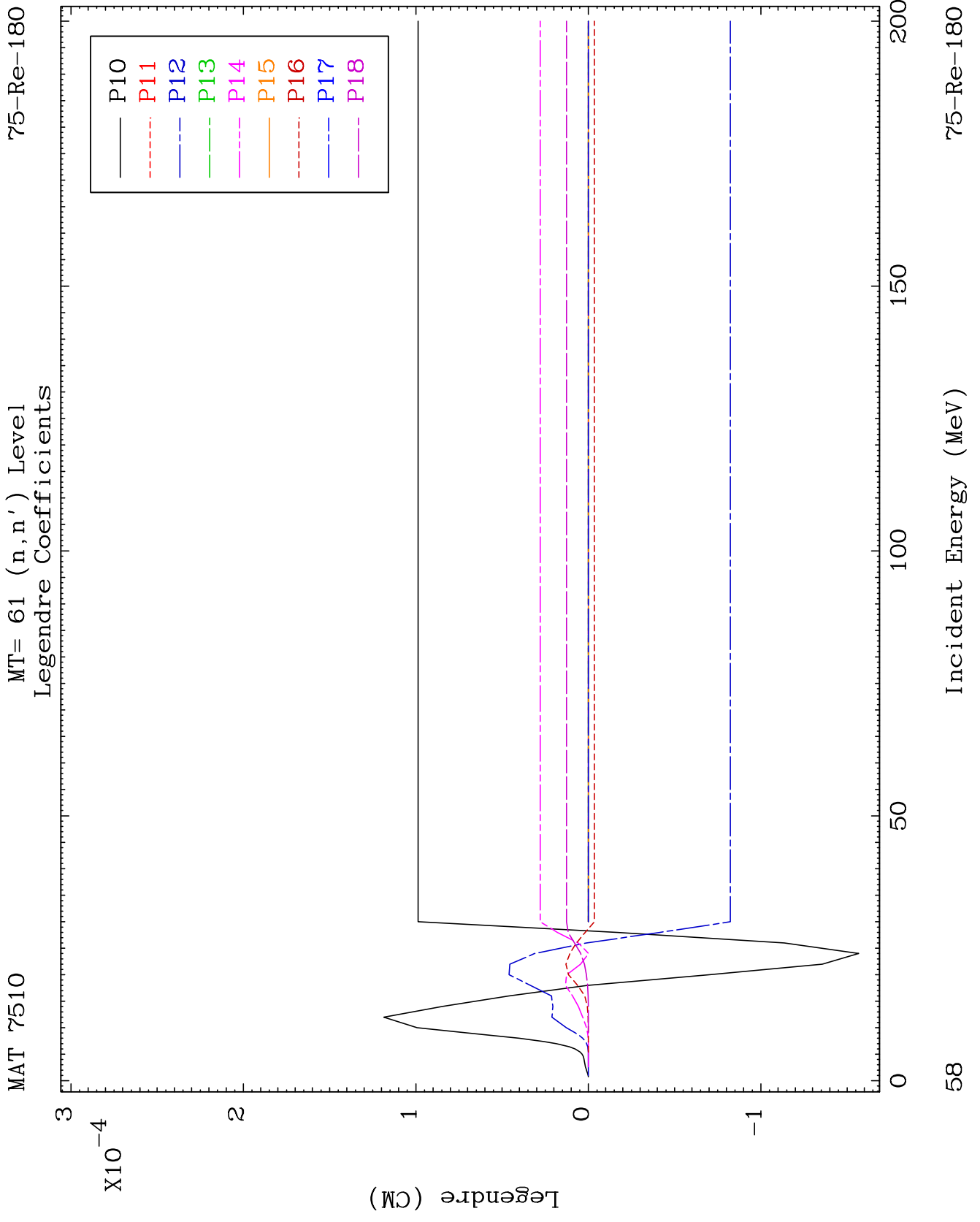


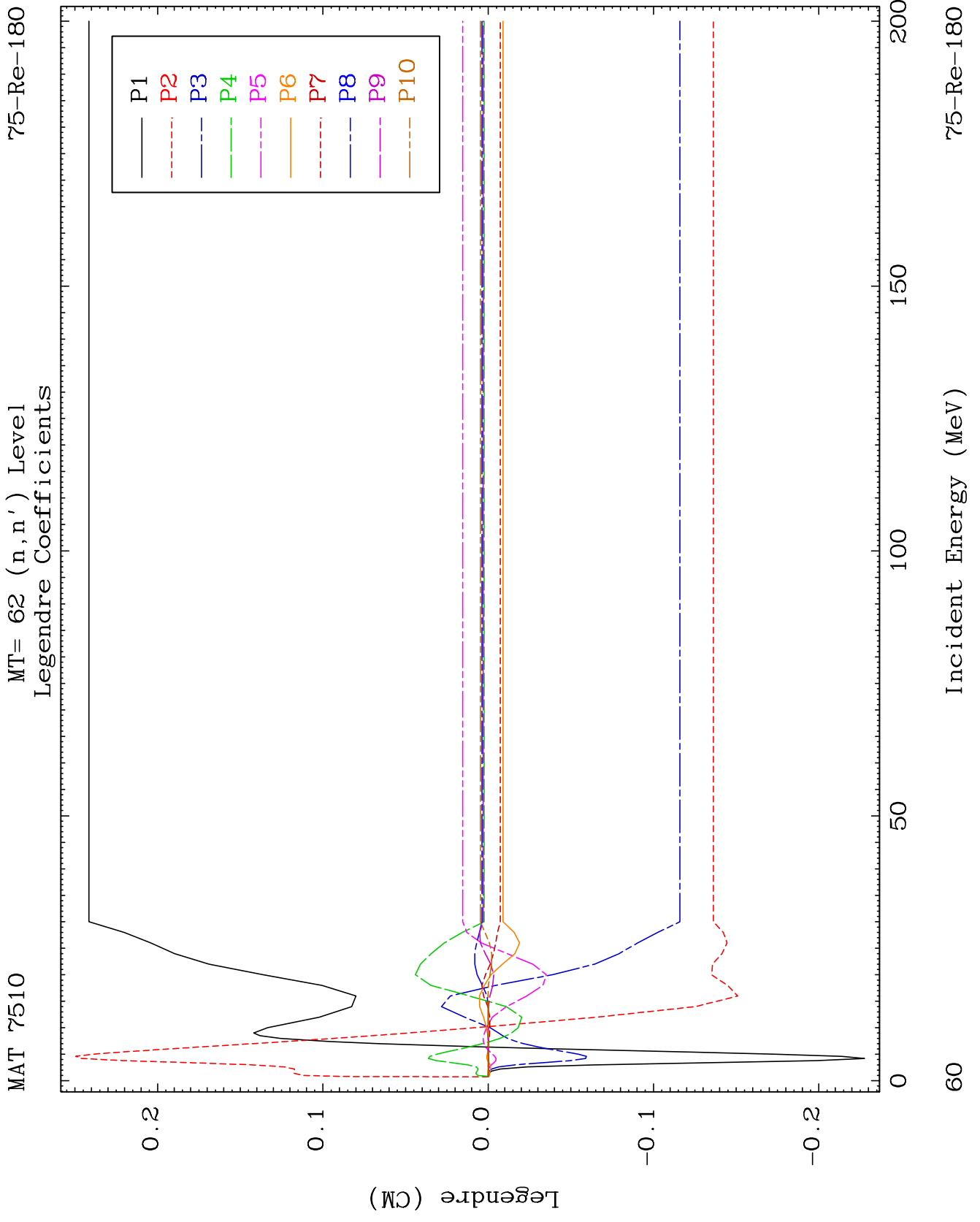


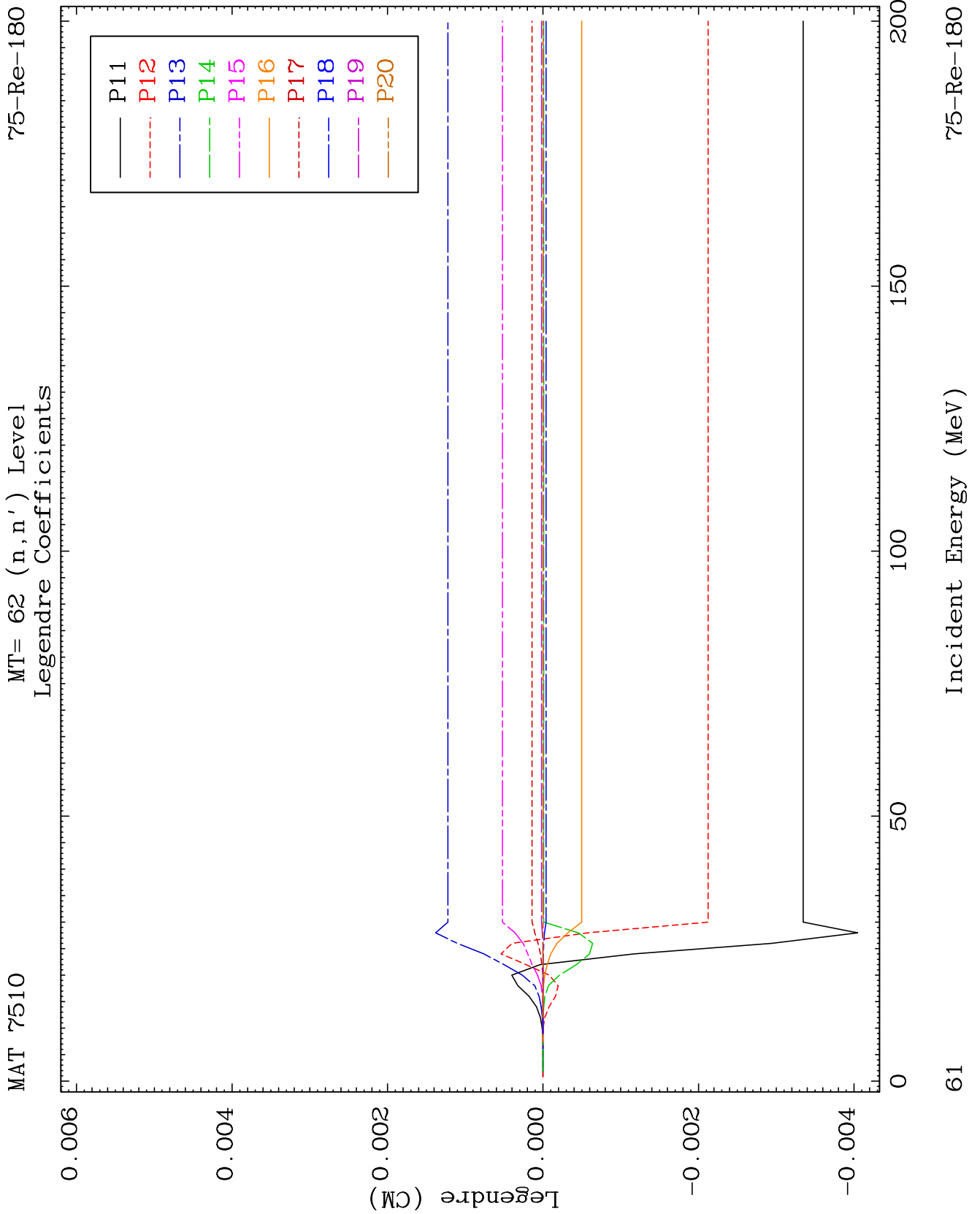


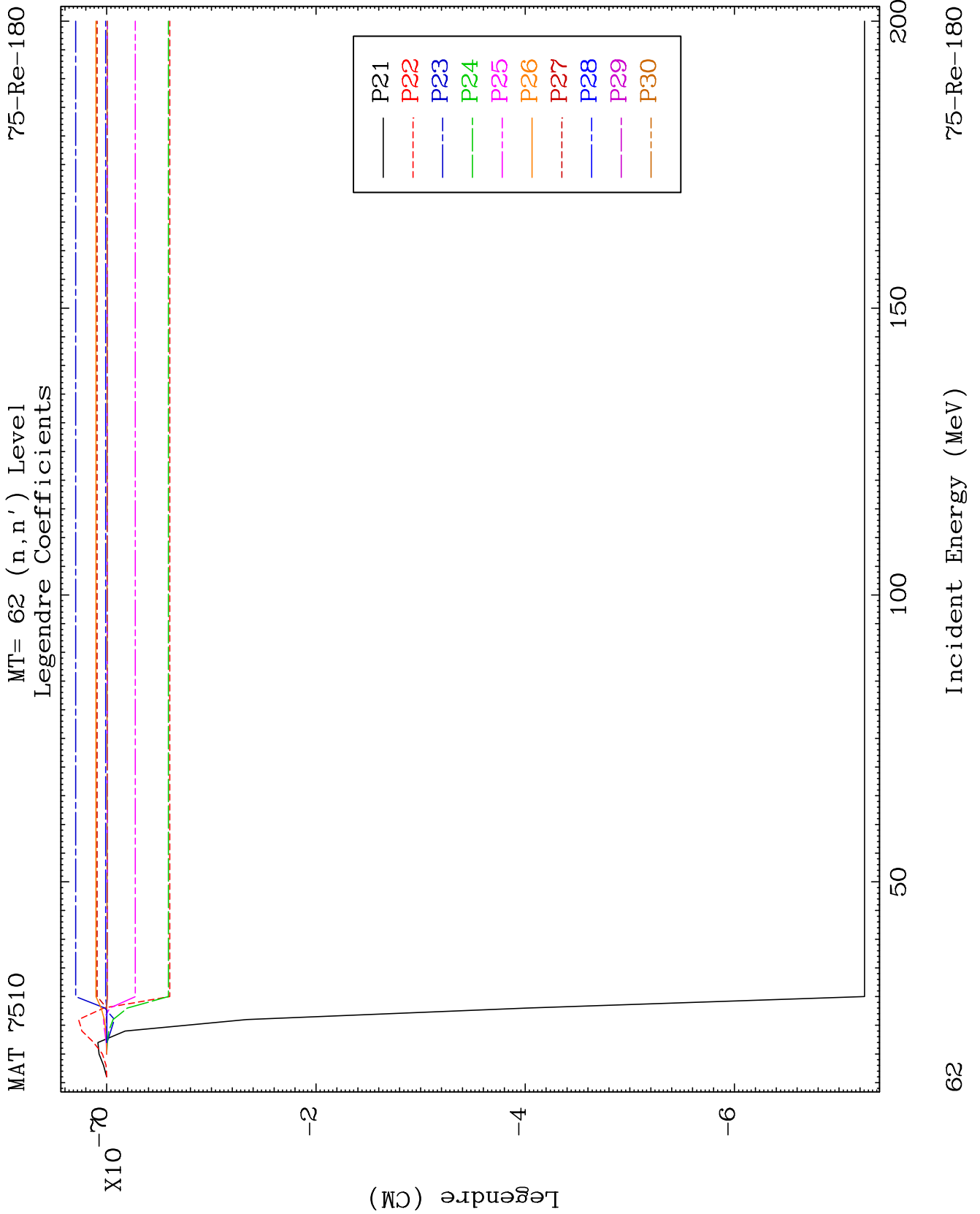


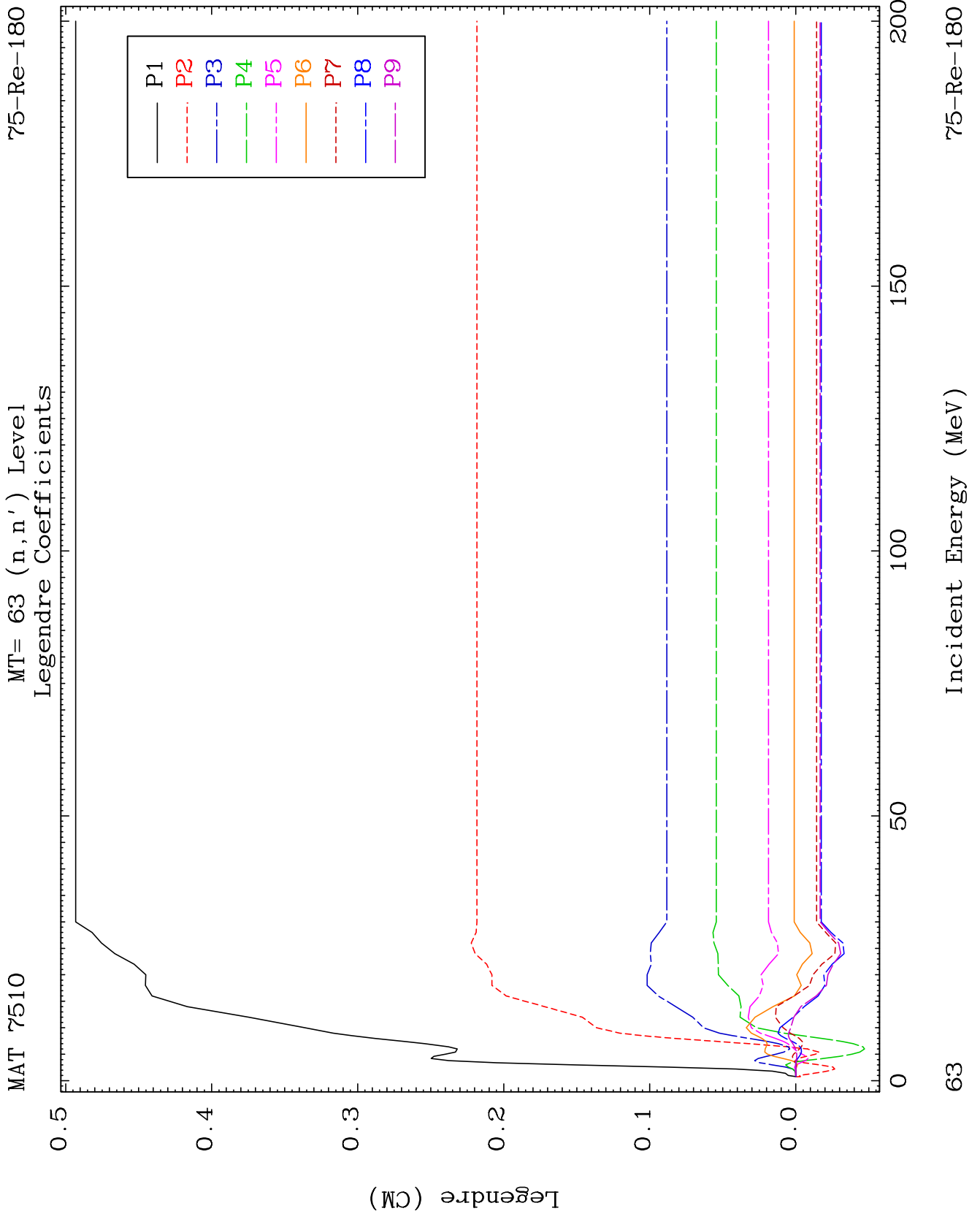


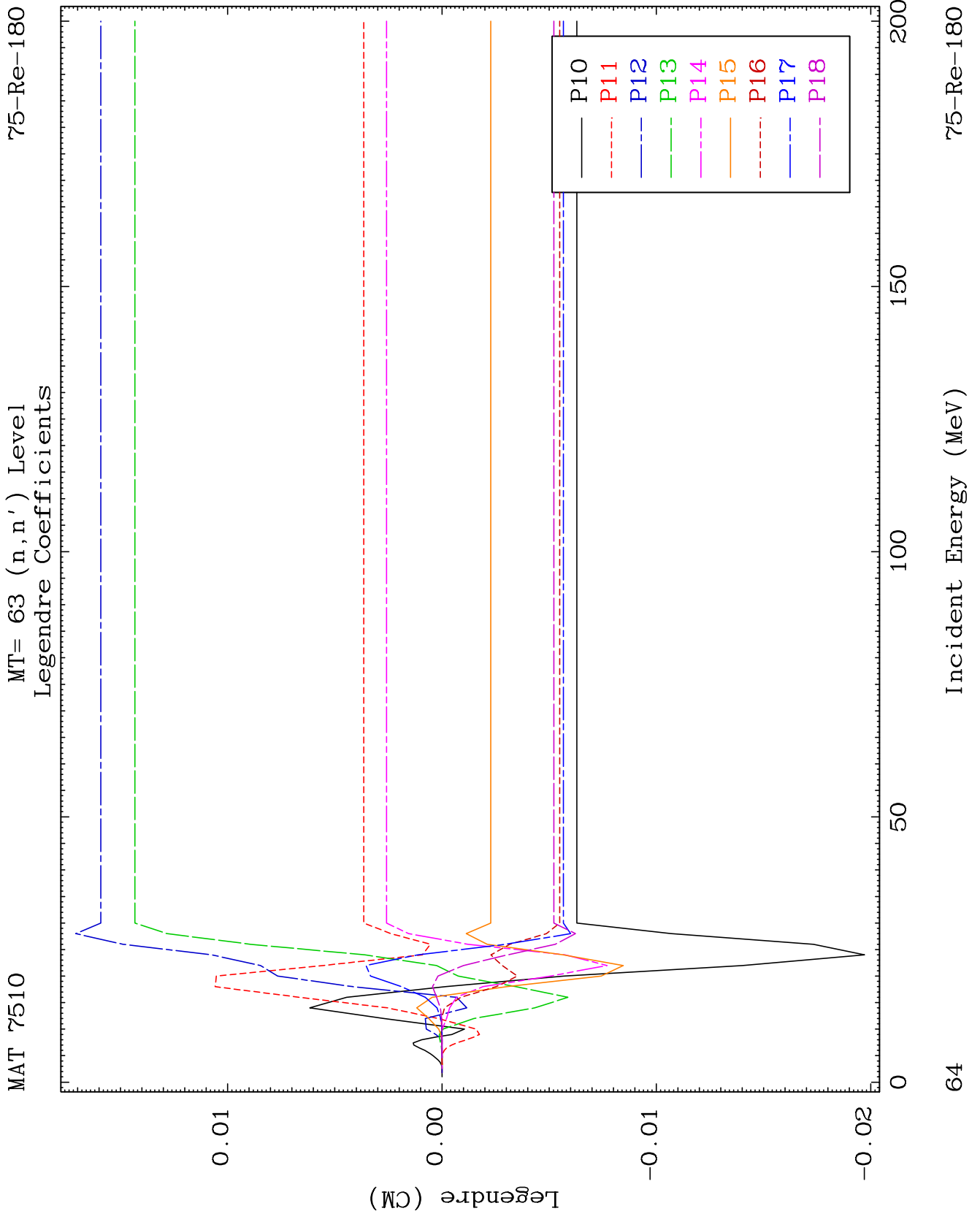


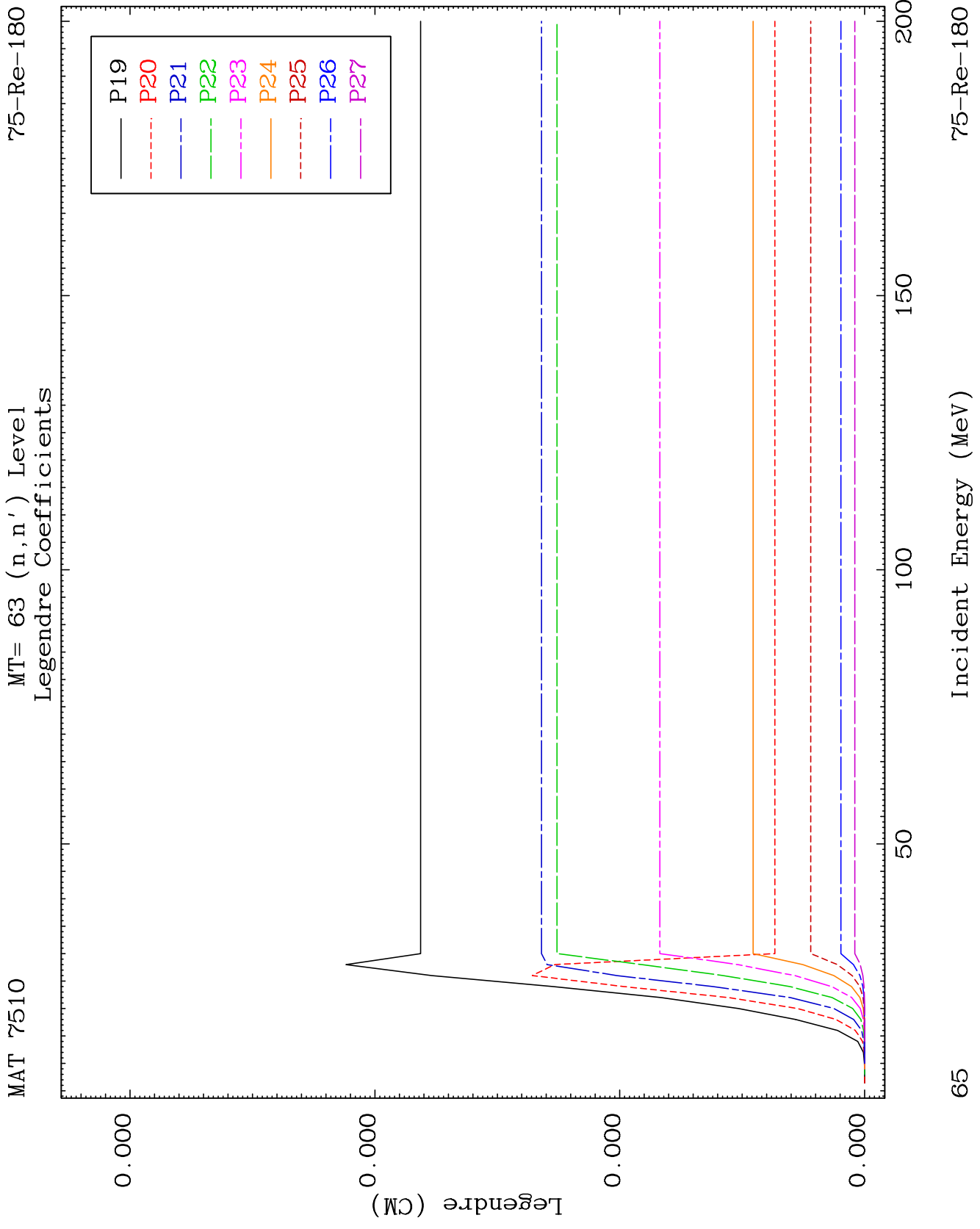


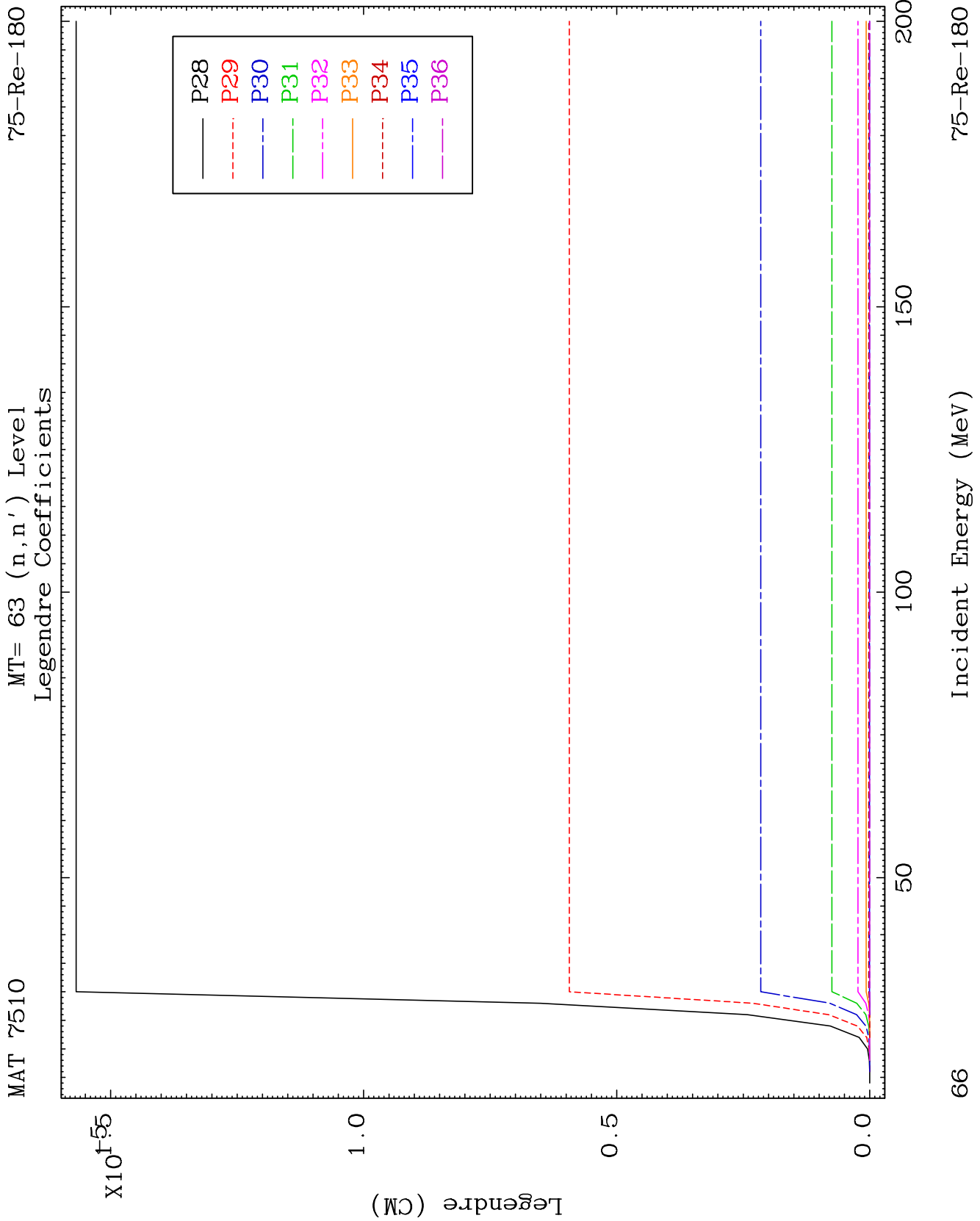


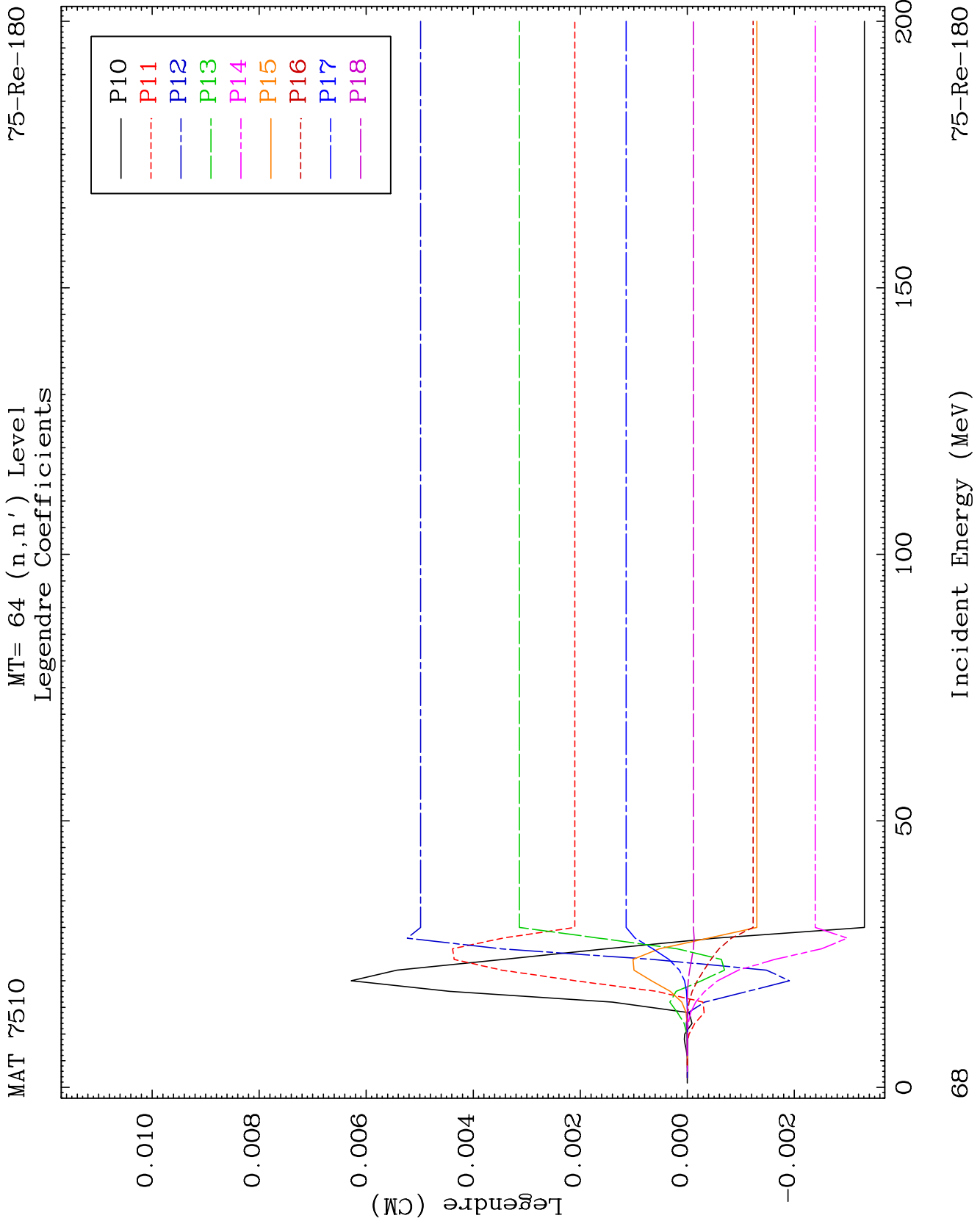


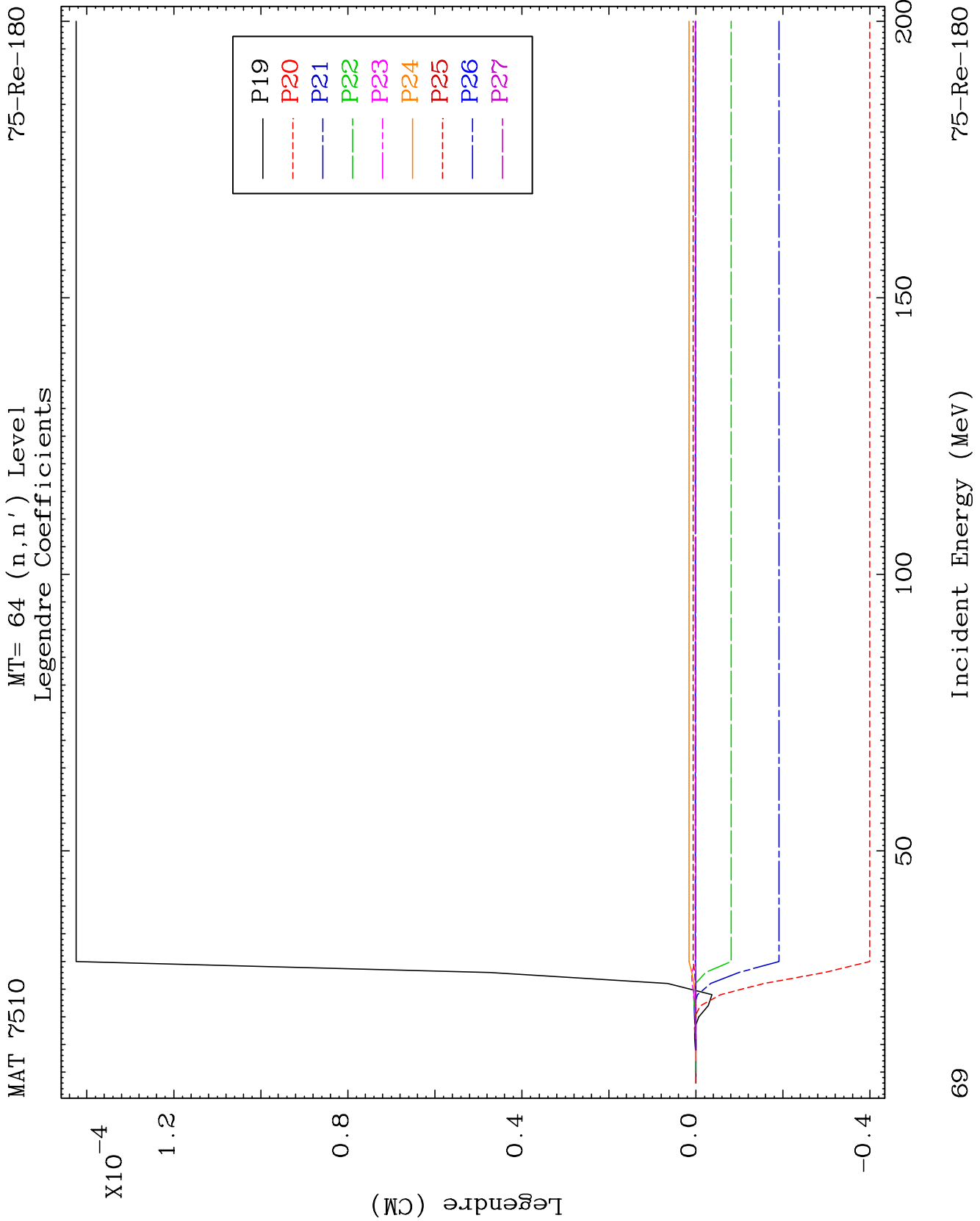


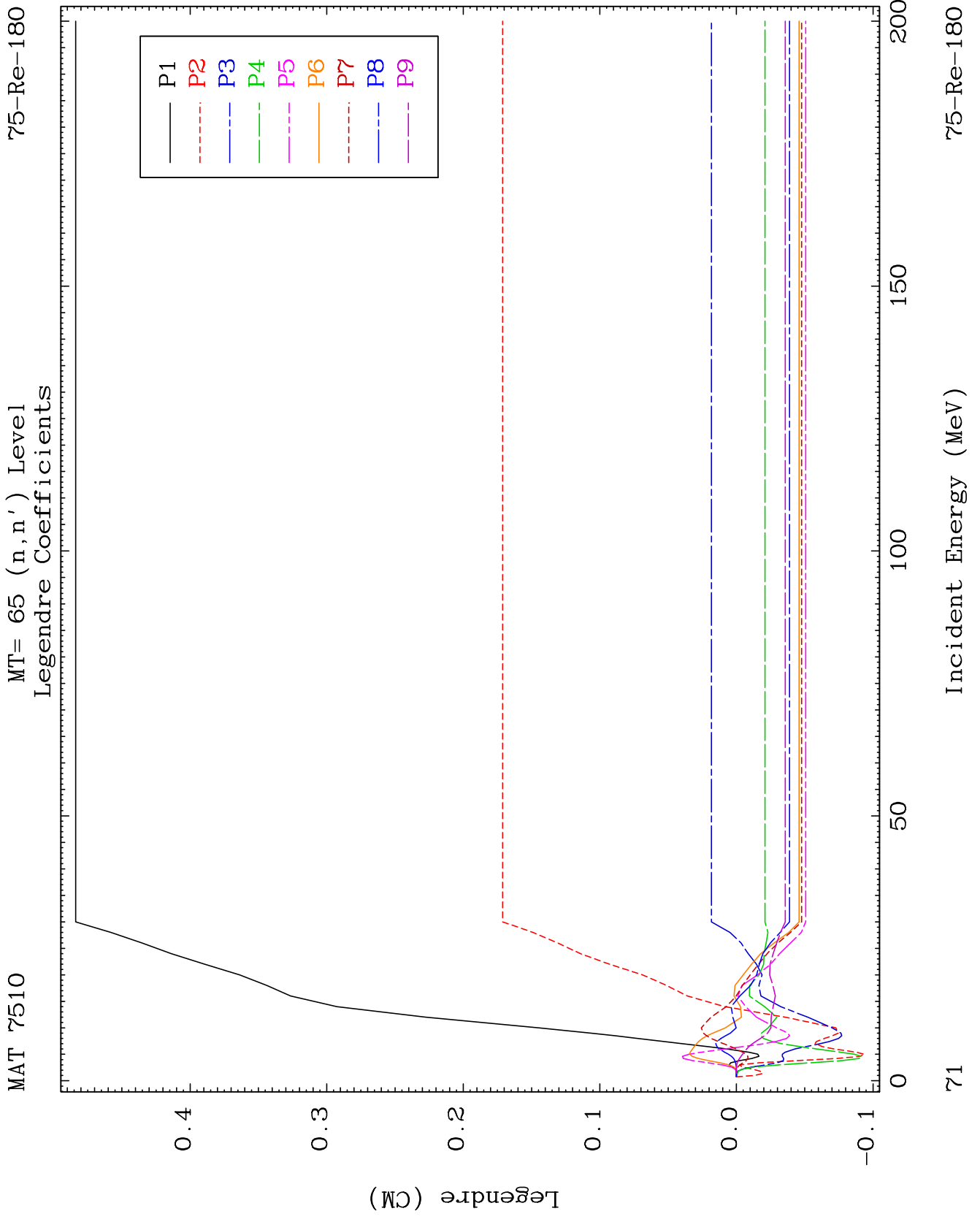


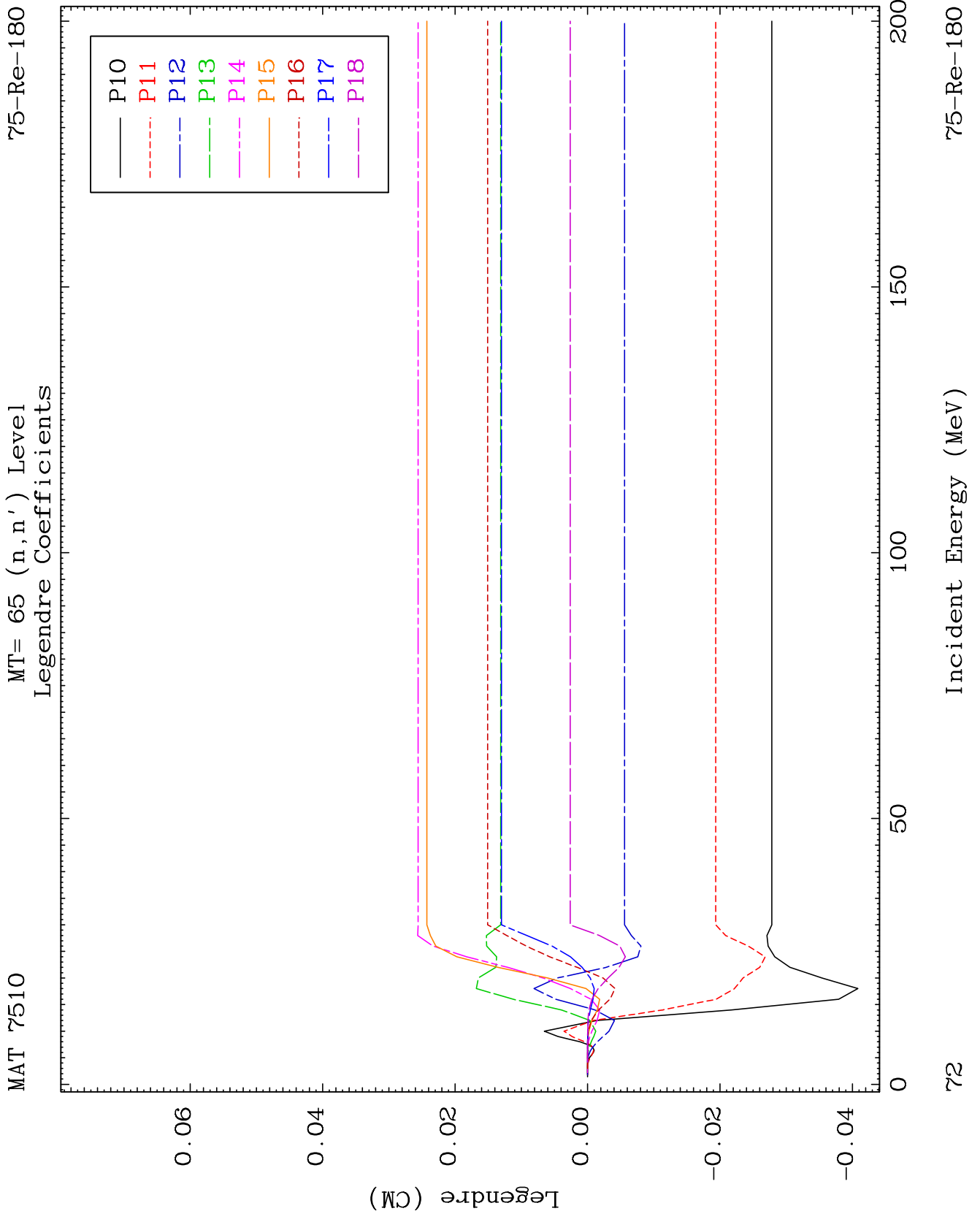








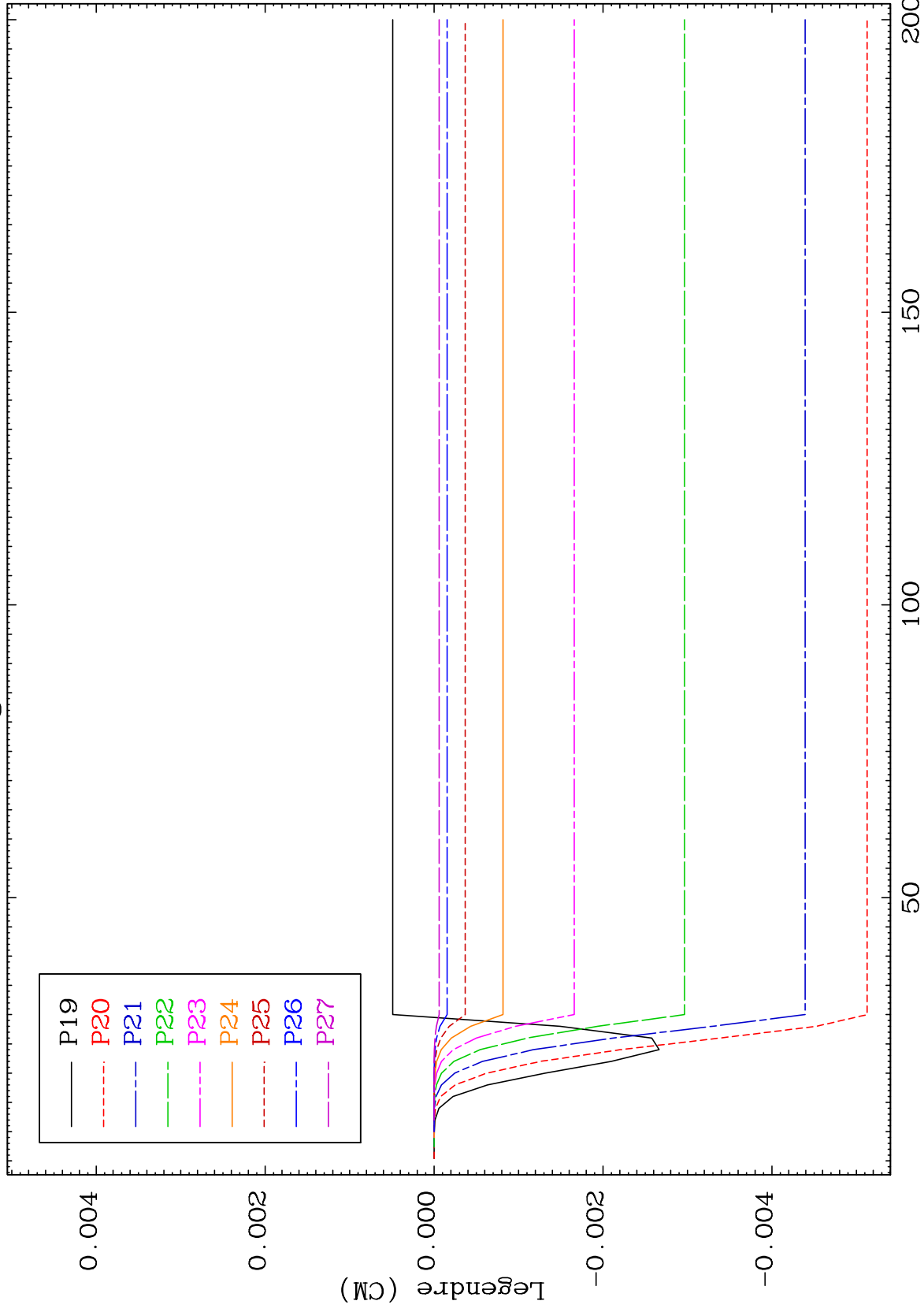




MAT 7510

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

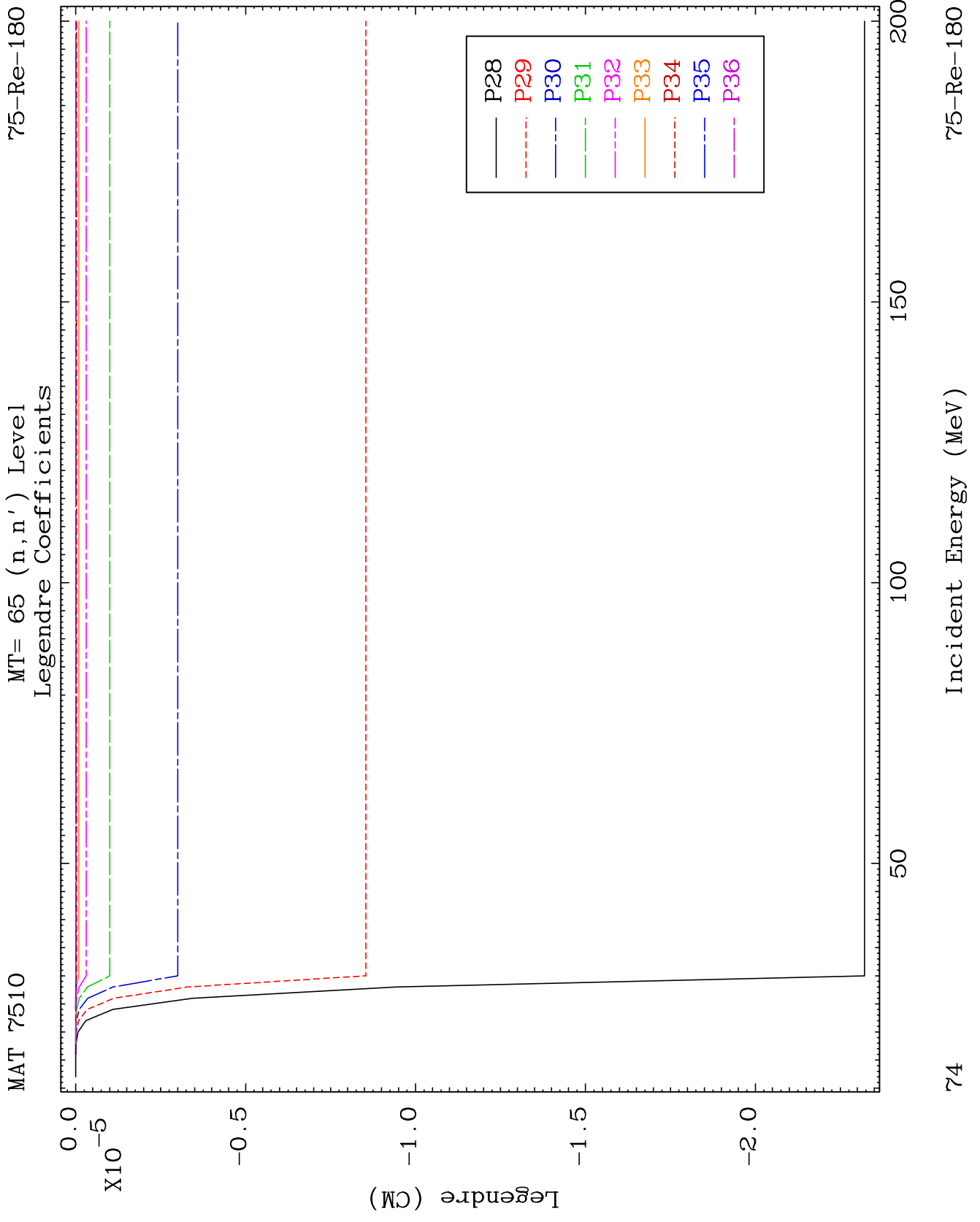
75-Re-180



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Incident Energy (MeV)

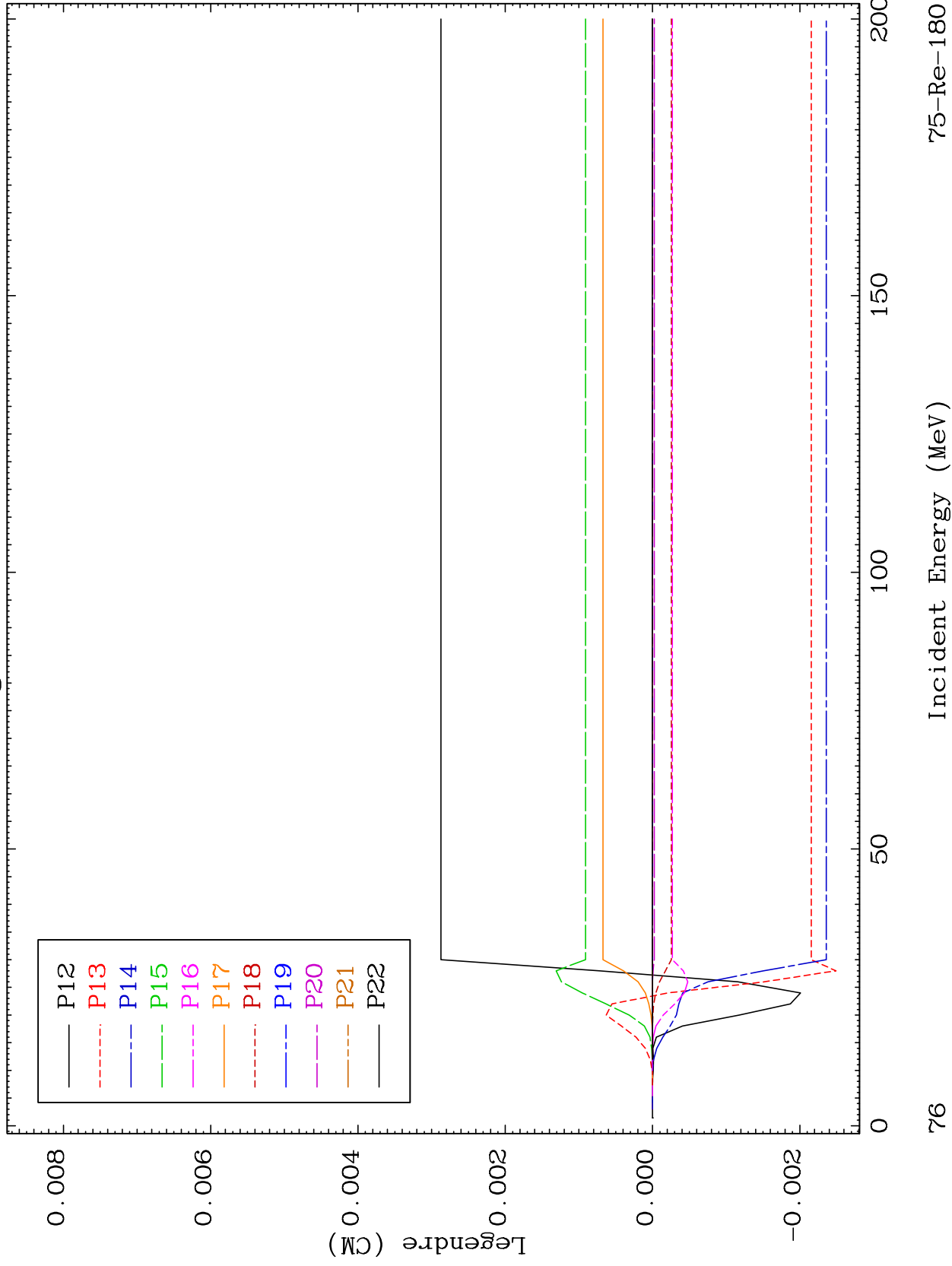
75-Re-180



MAT 7510

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

75-Re-180



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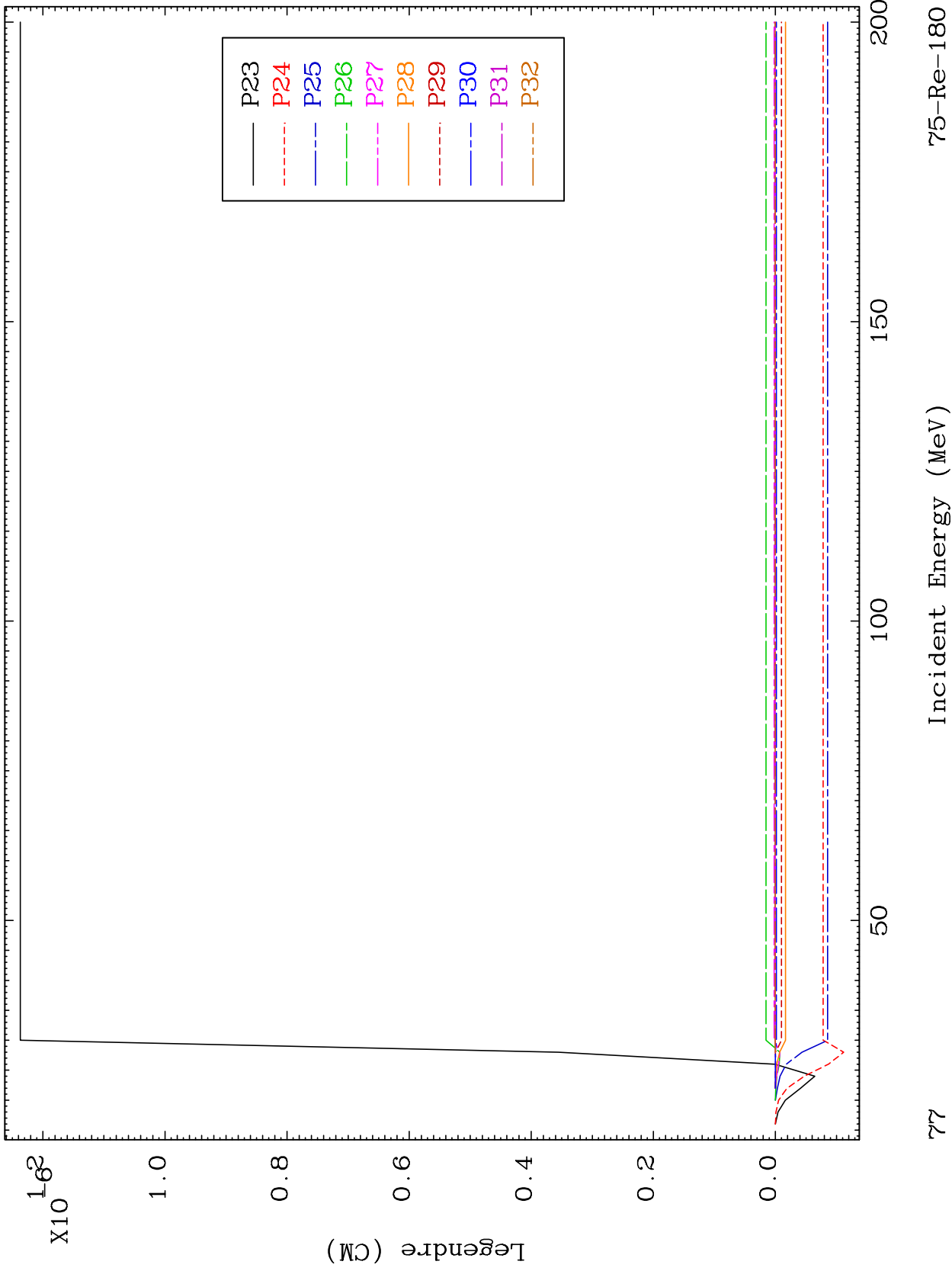
Incident Energy (MeV)

75-Re-180

MAT 7510

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

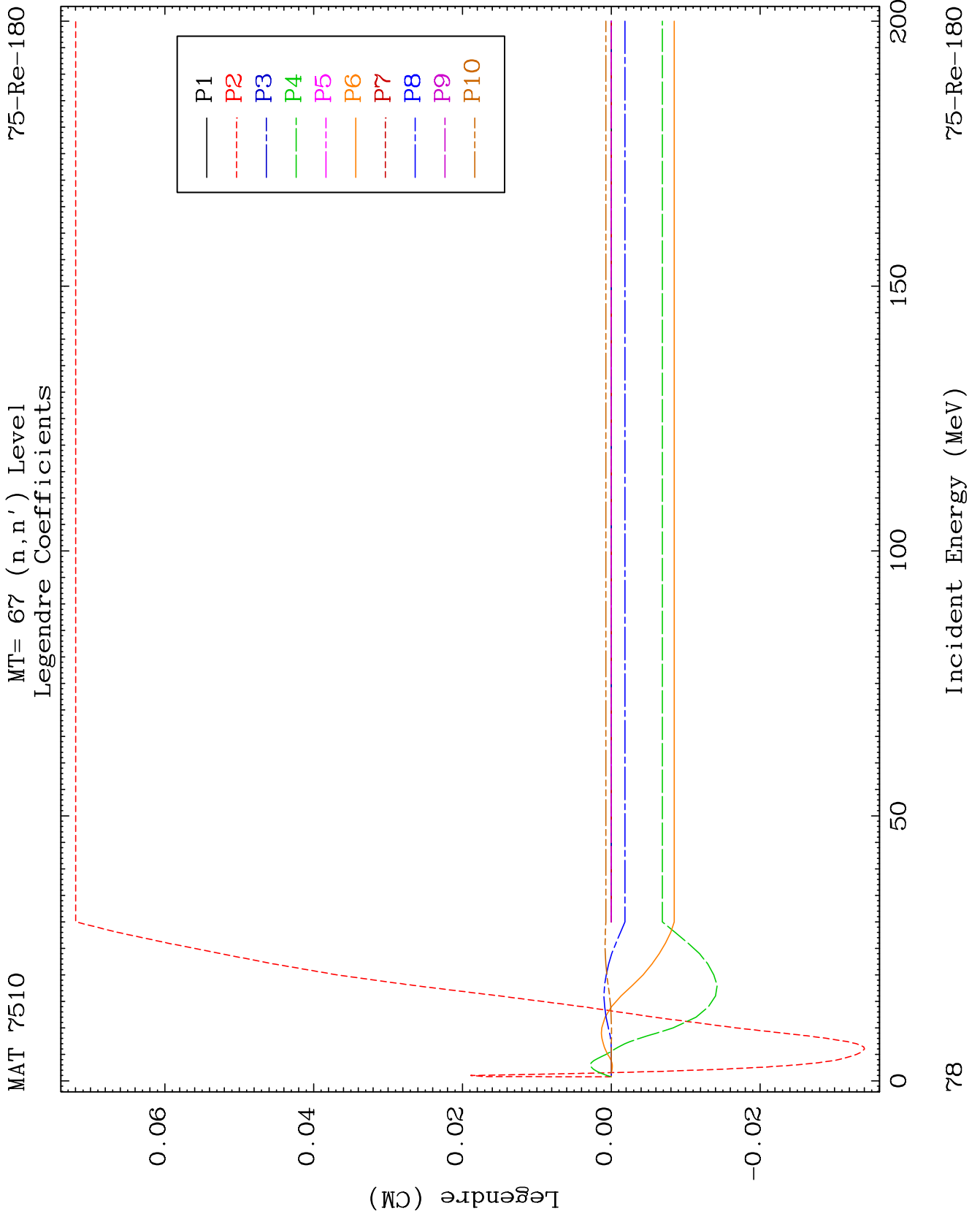
75-Re-180

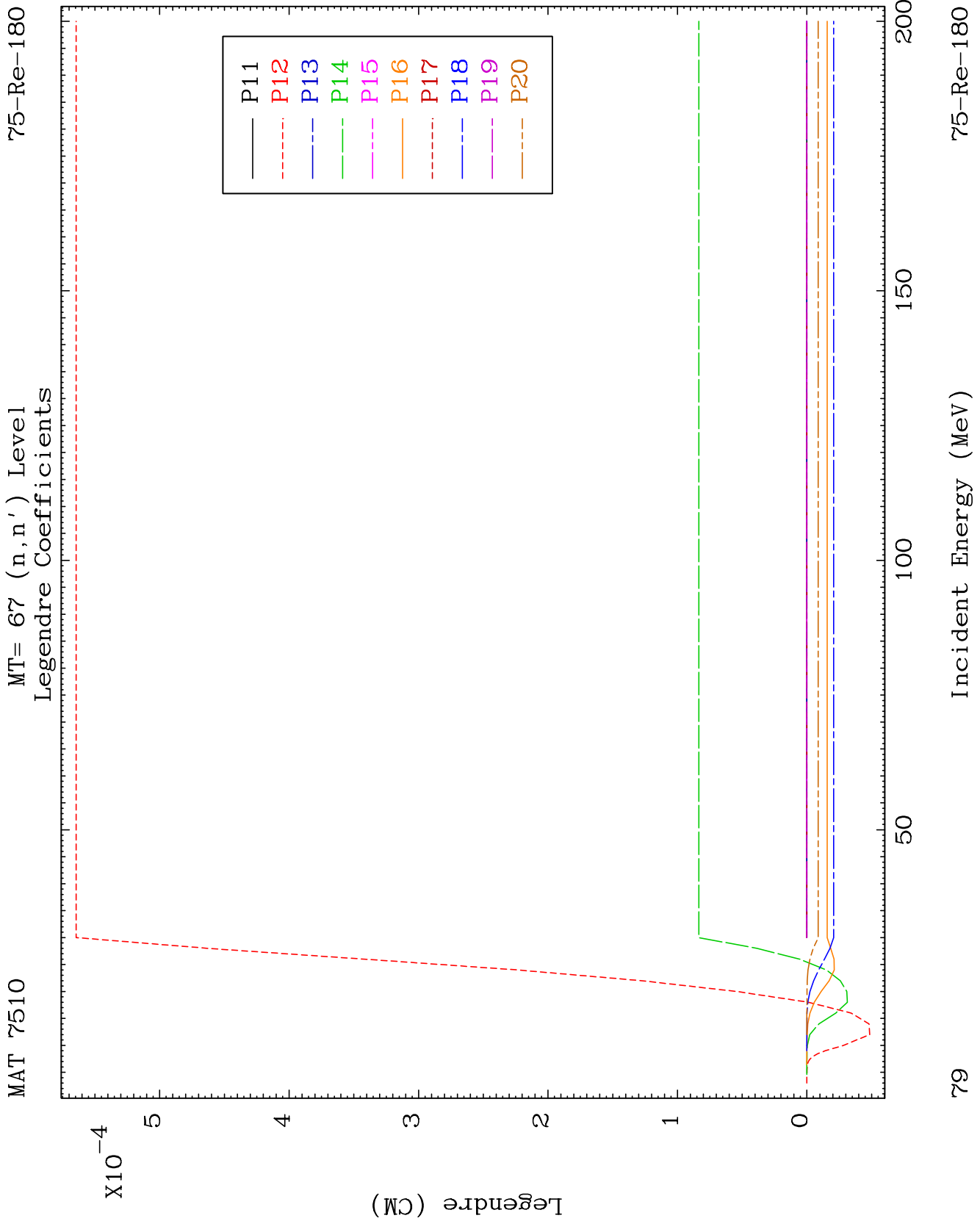


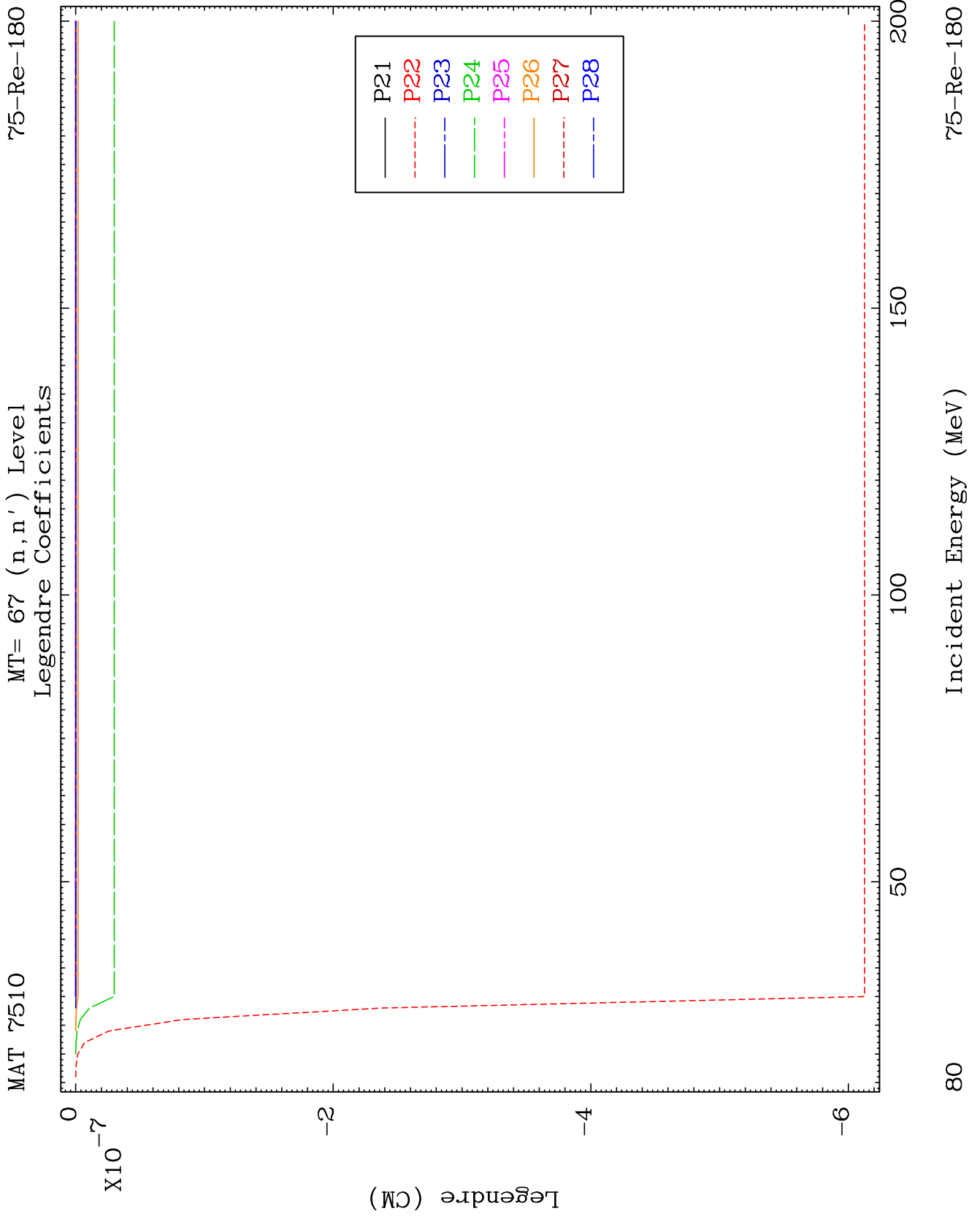
77

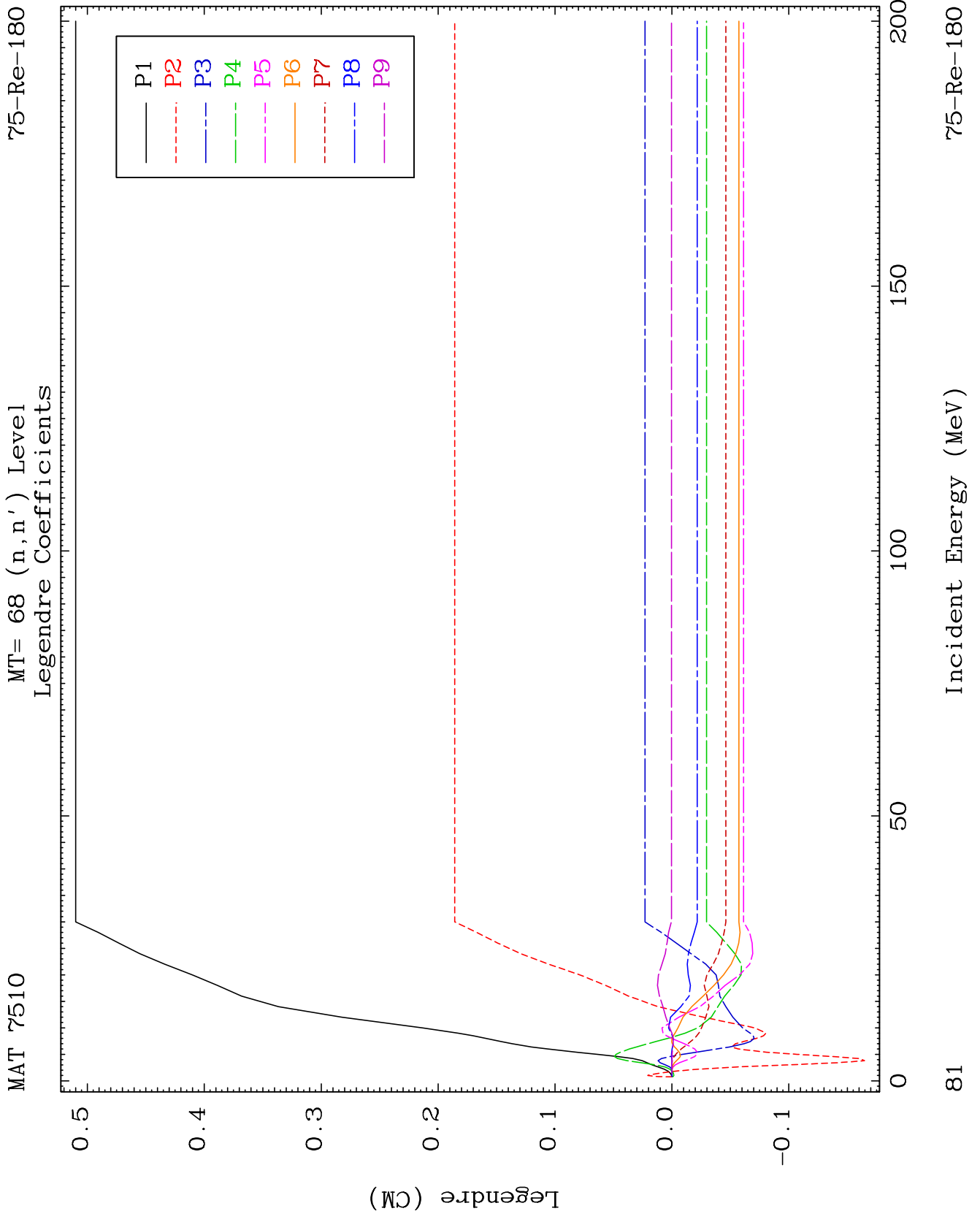
Incident Energy (MeV)

75-Re-180





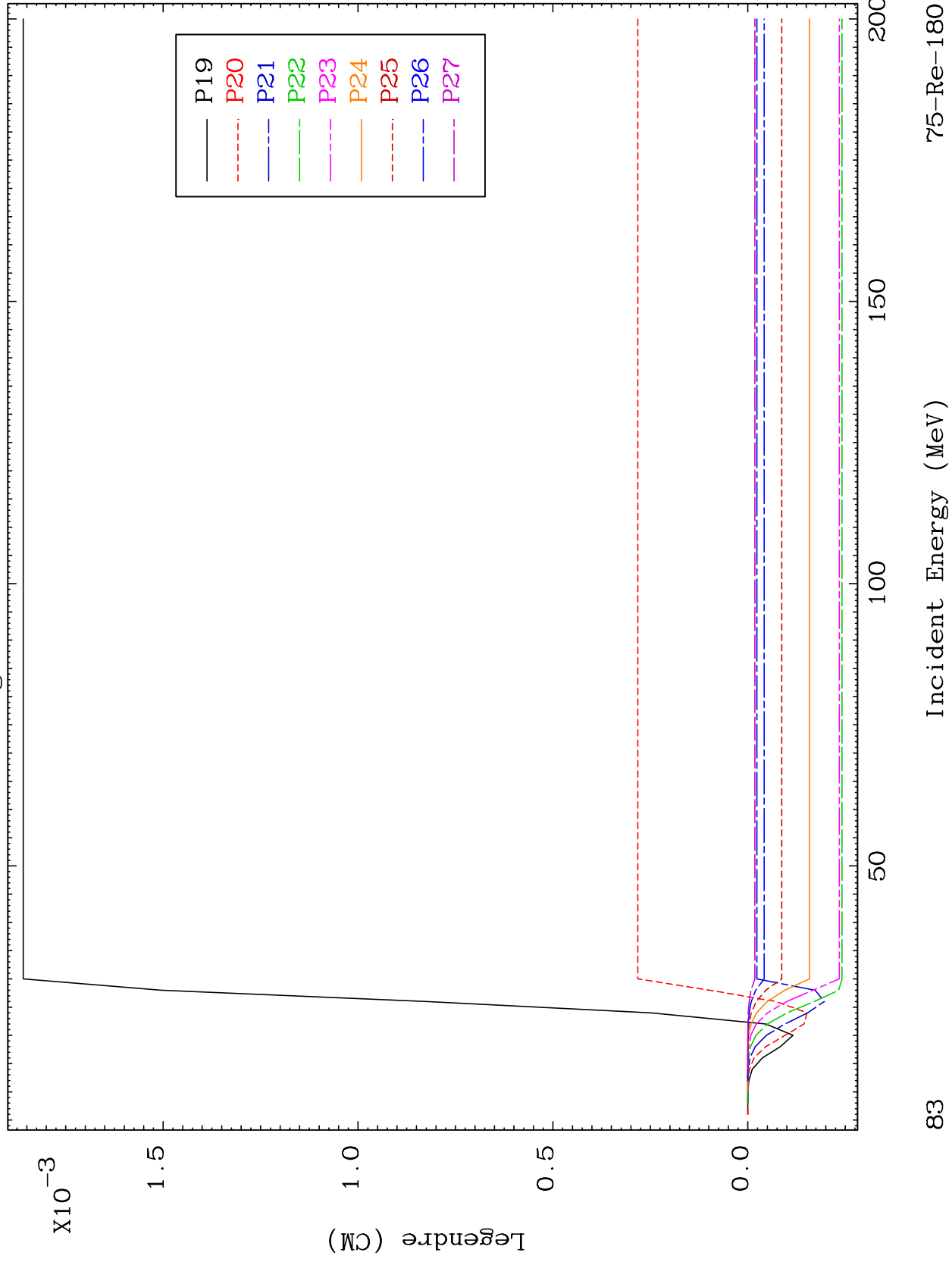


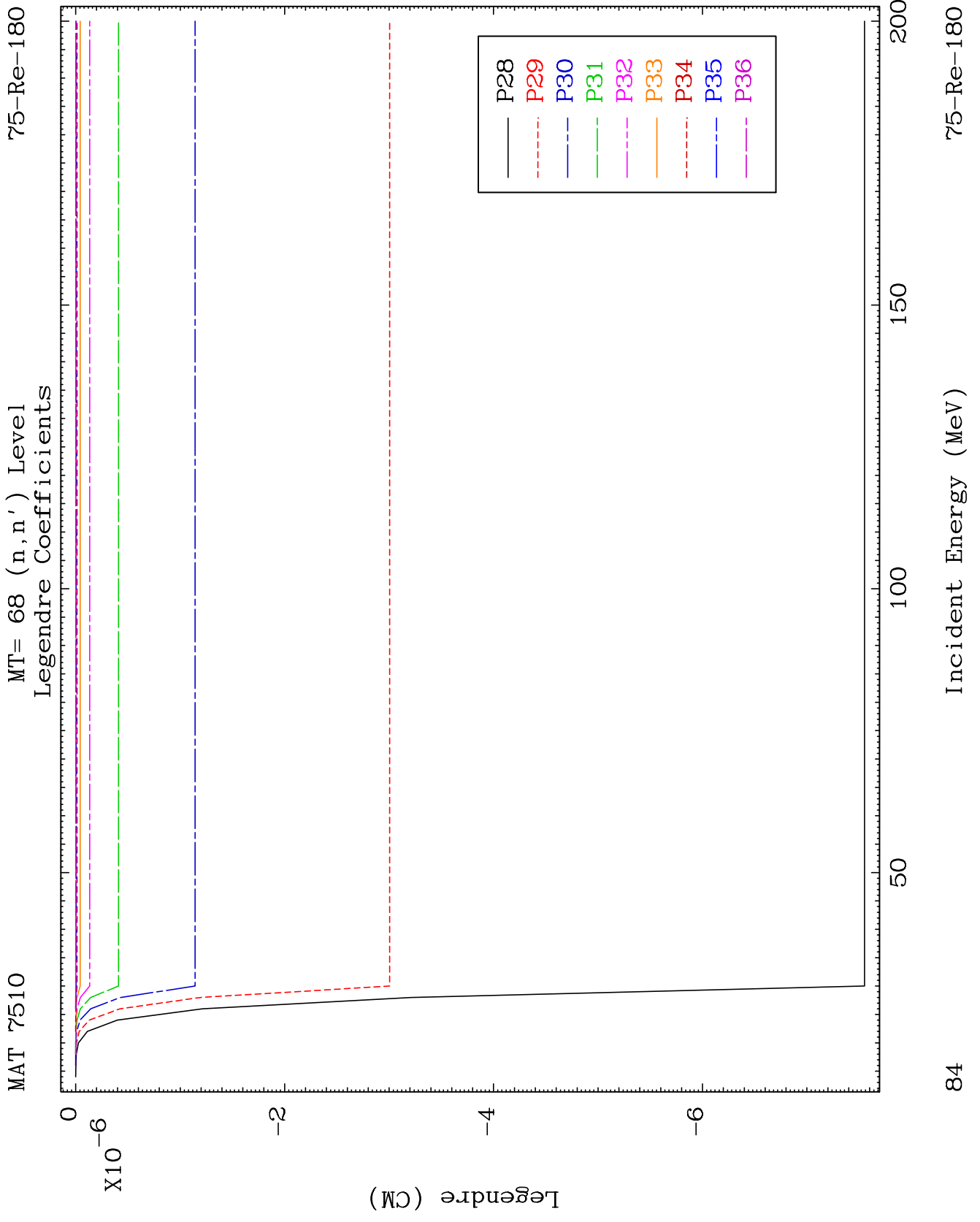


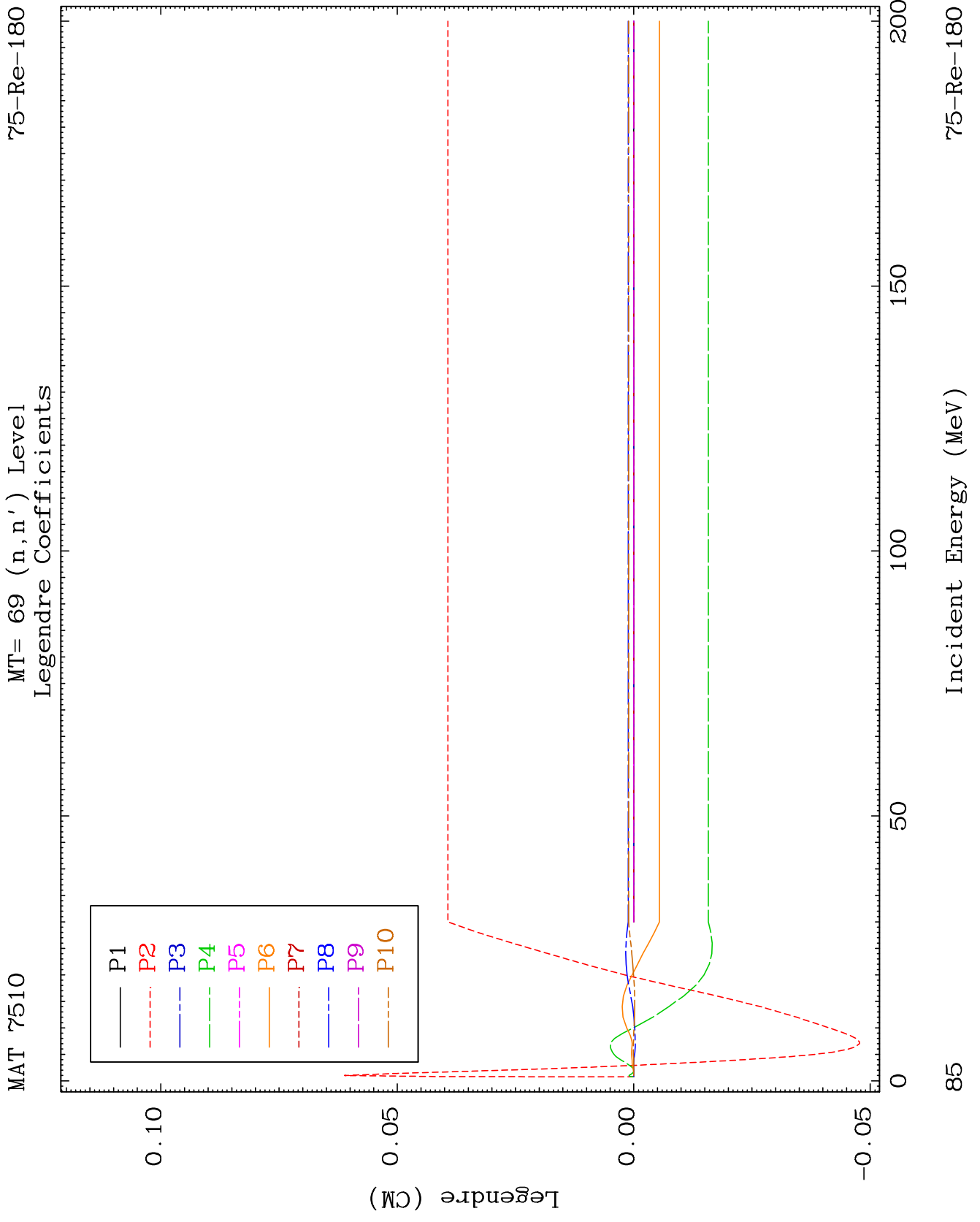
MAT 7510

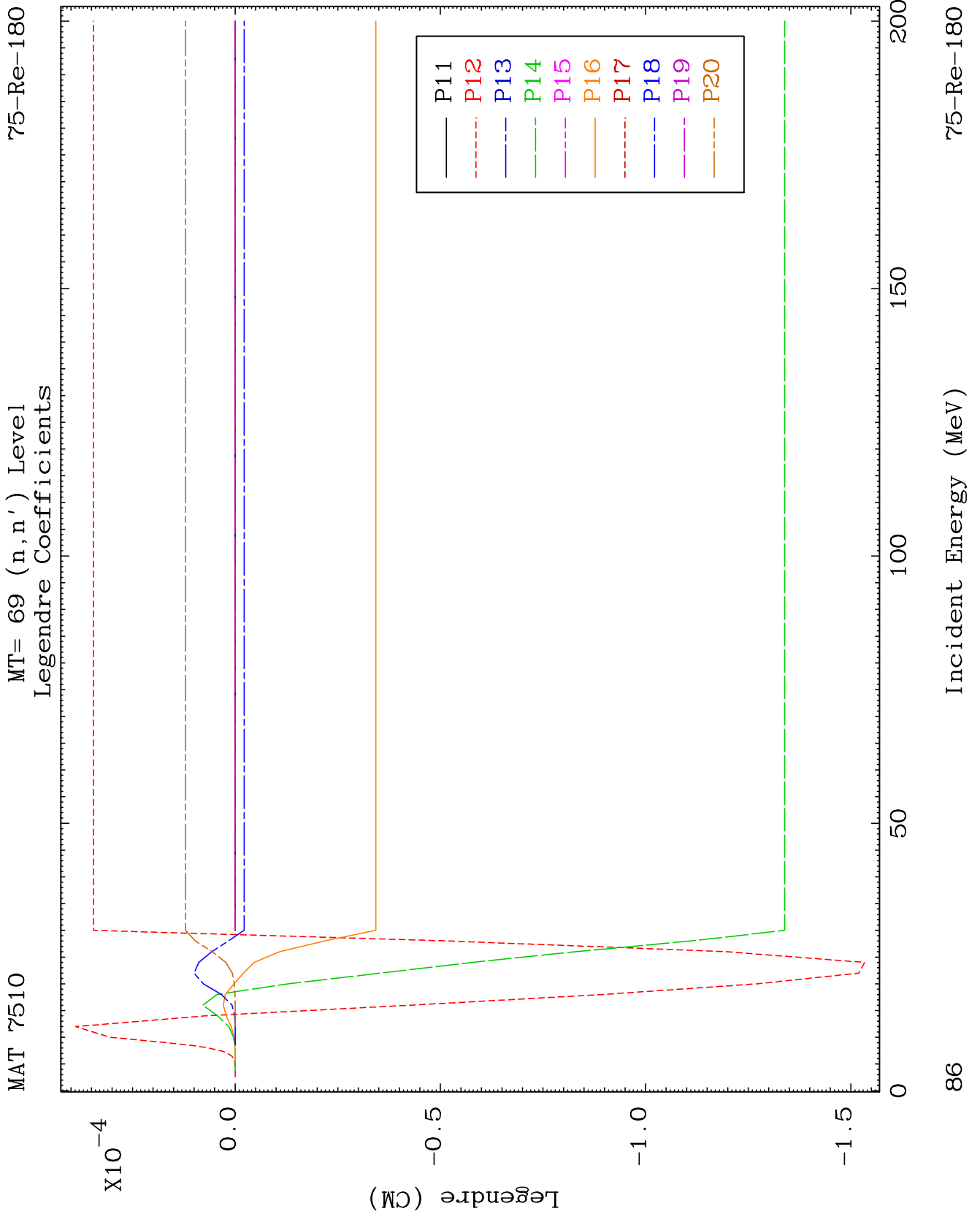
MT= 68 (n,n') Level
Legendre Coefficients

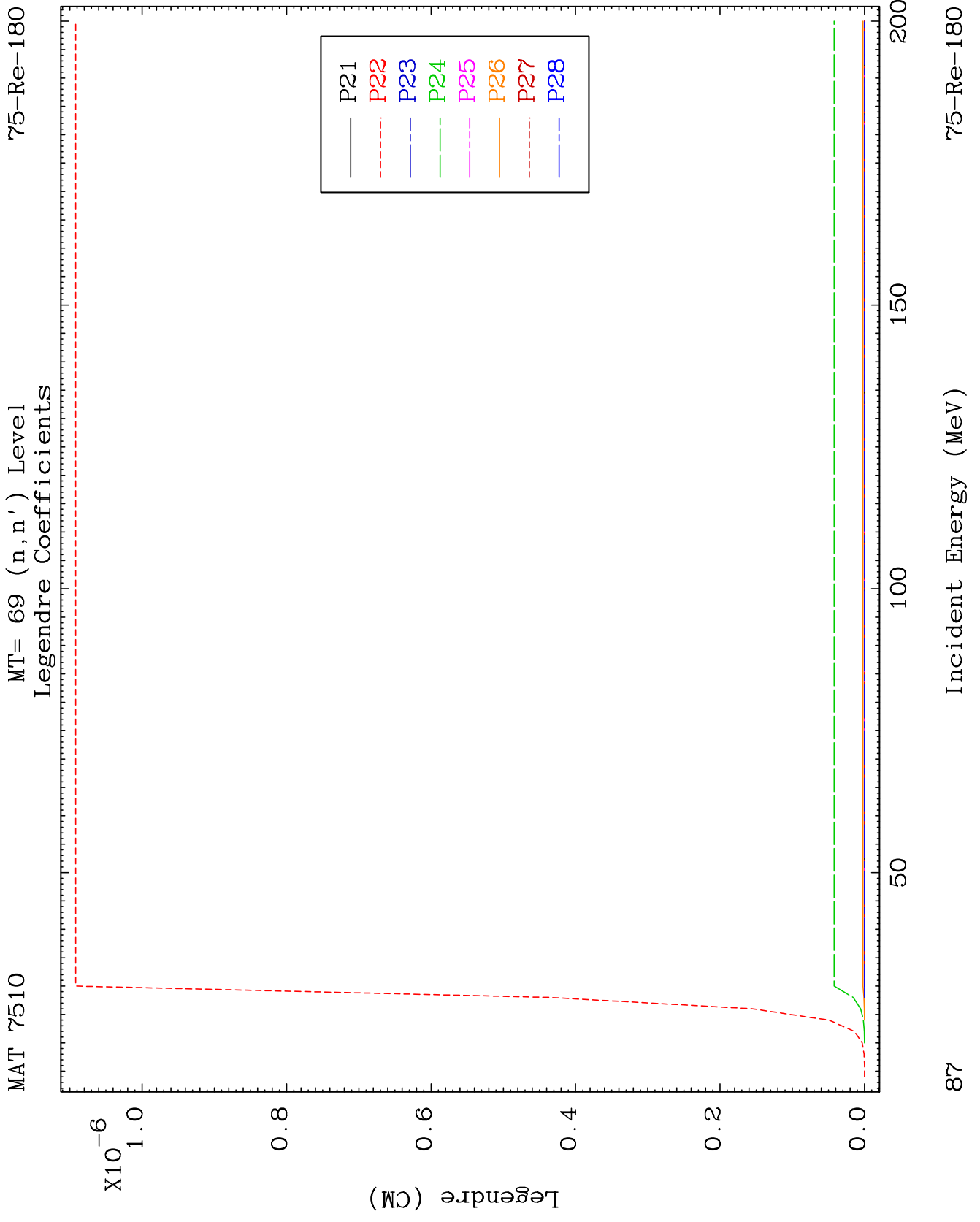
75-Re-180

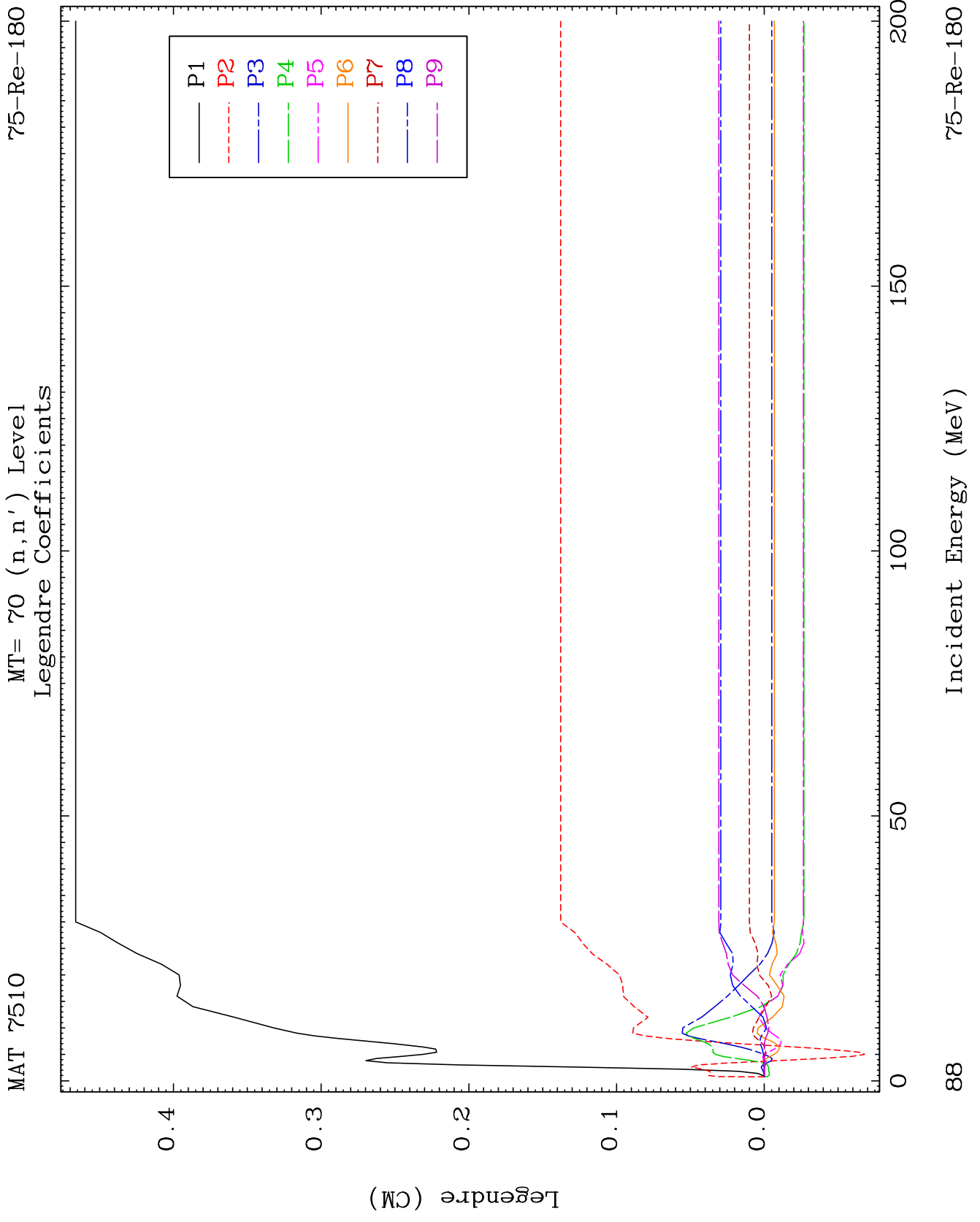


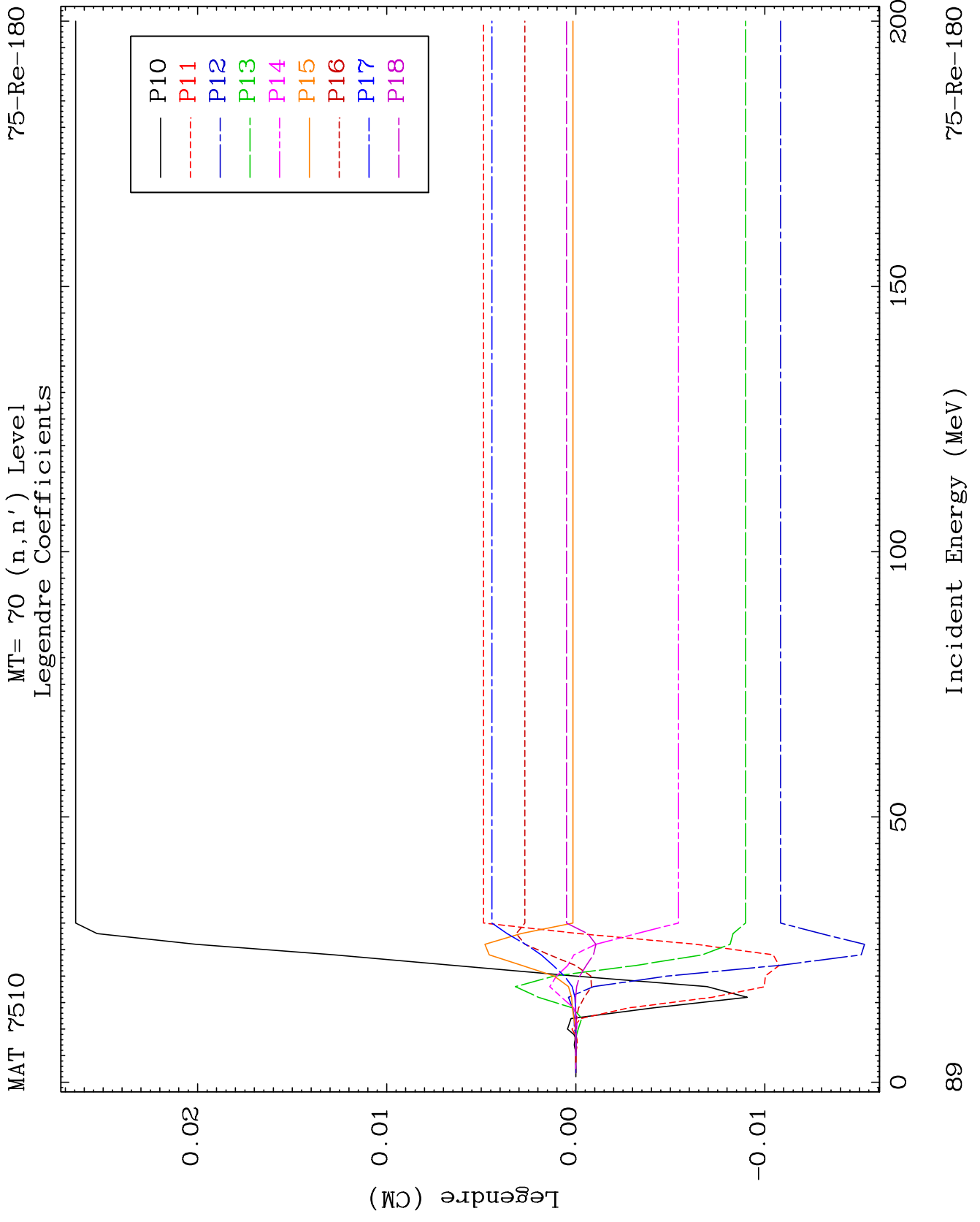


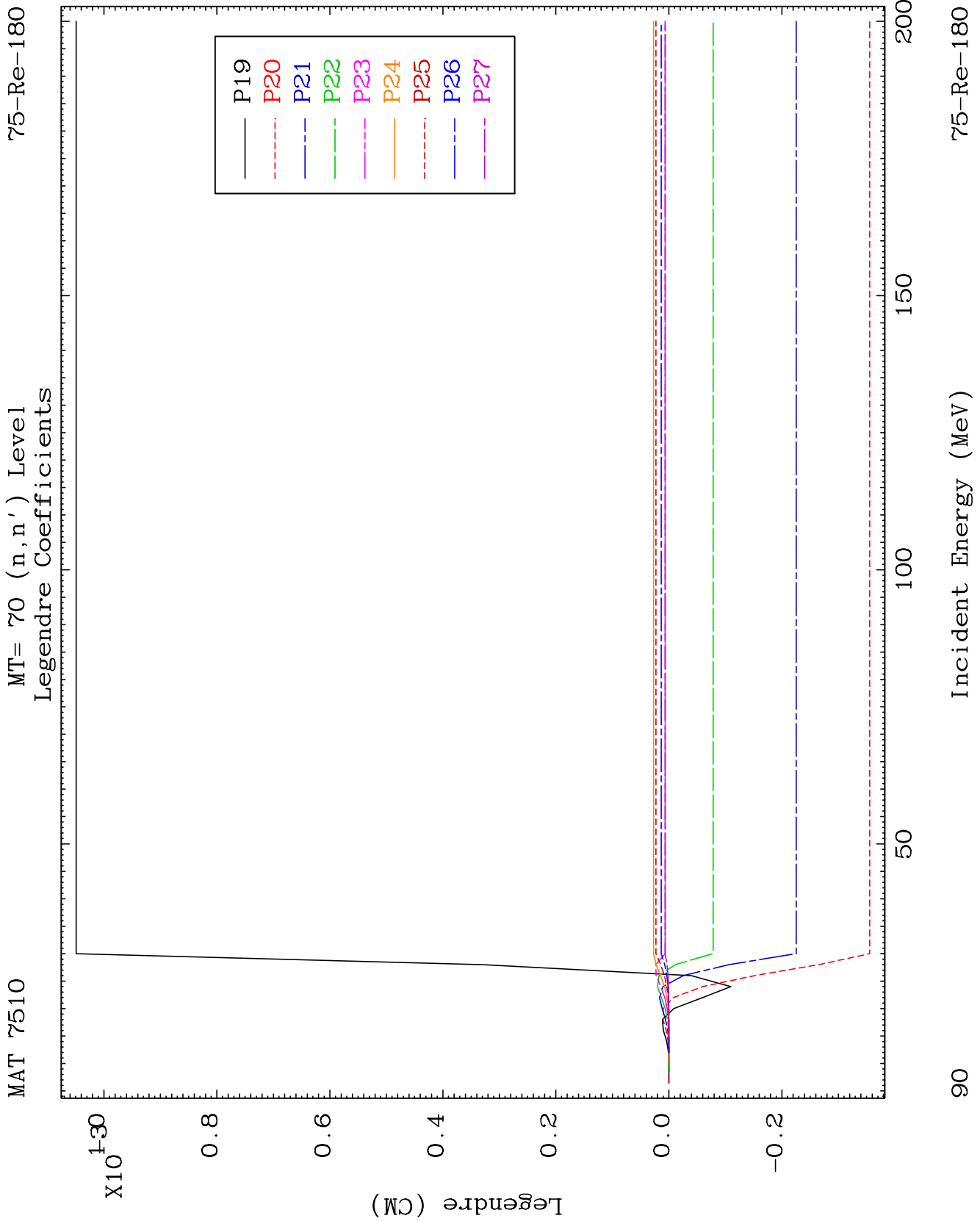


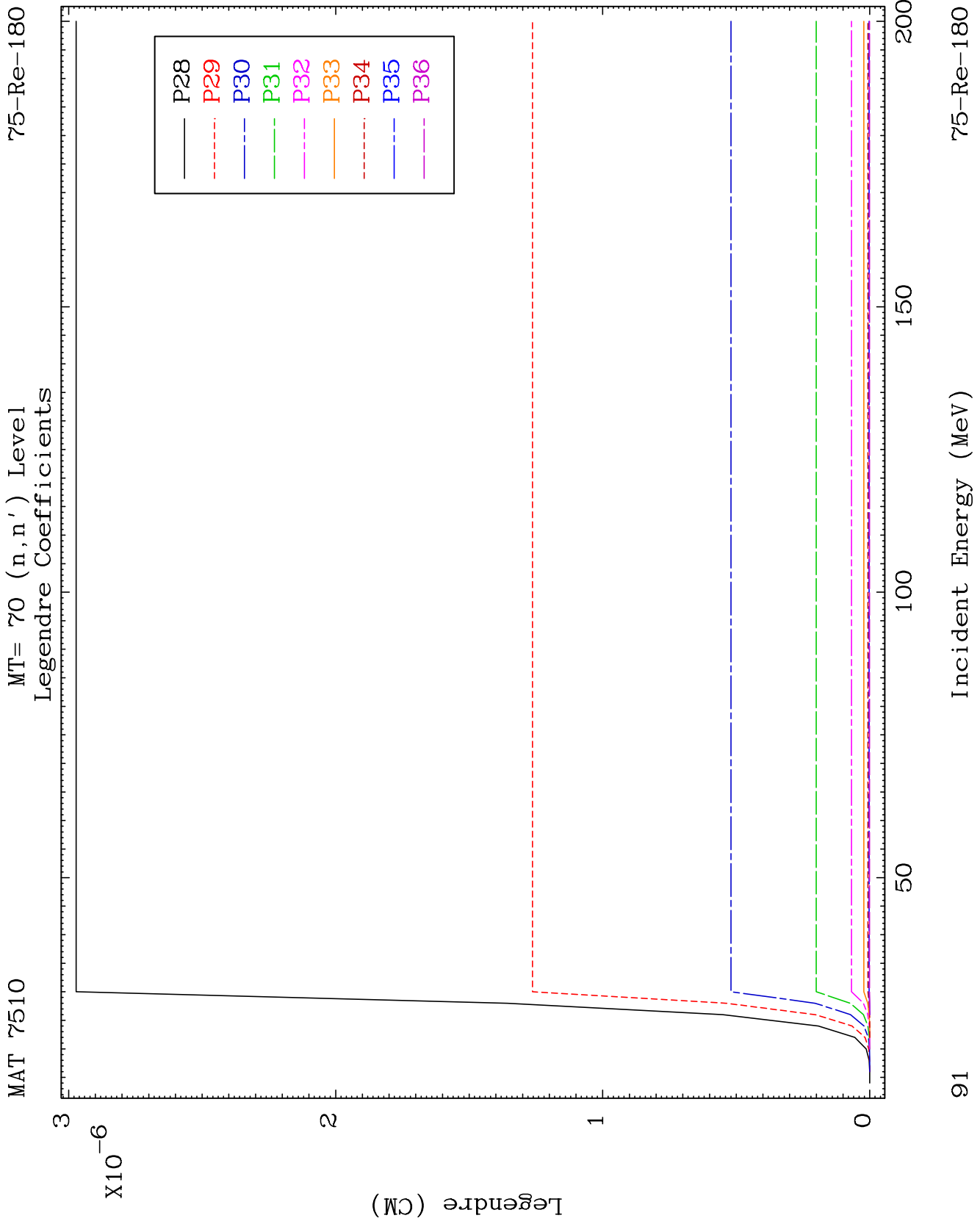


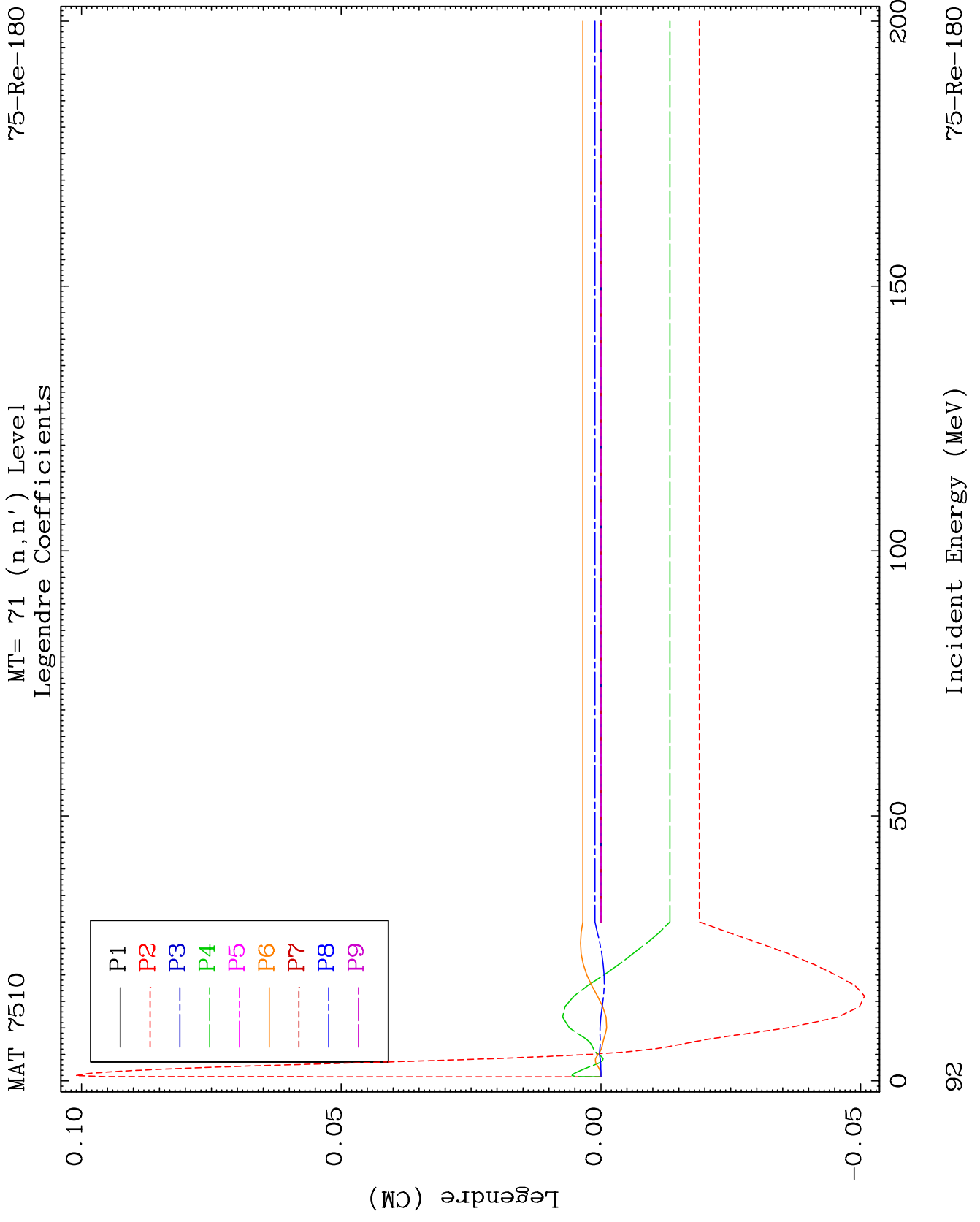


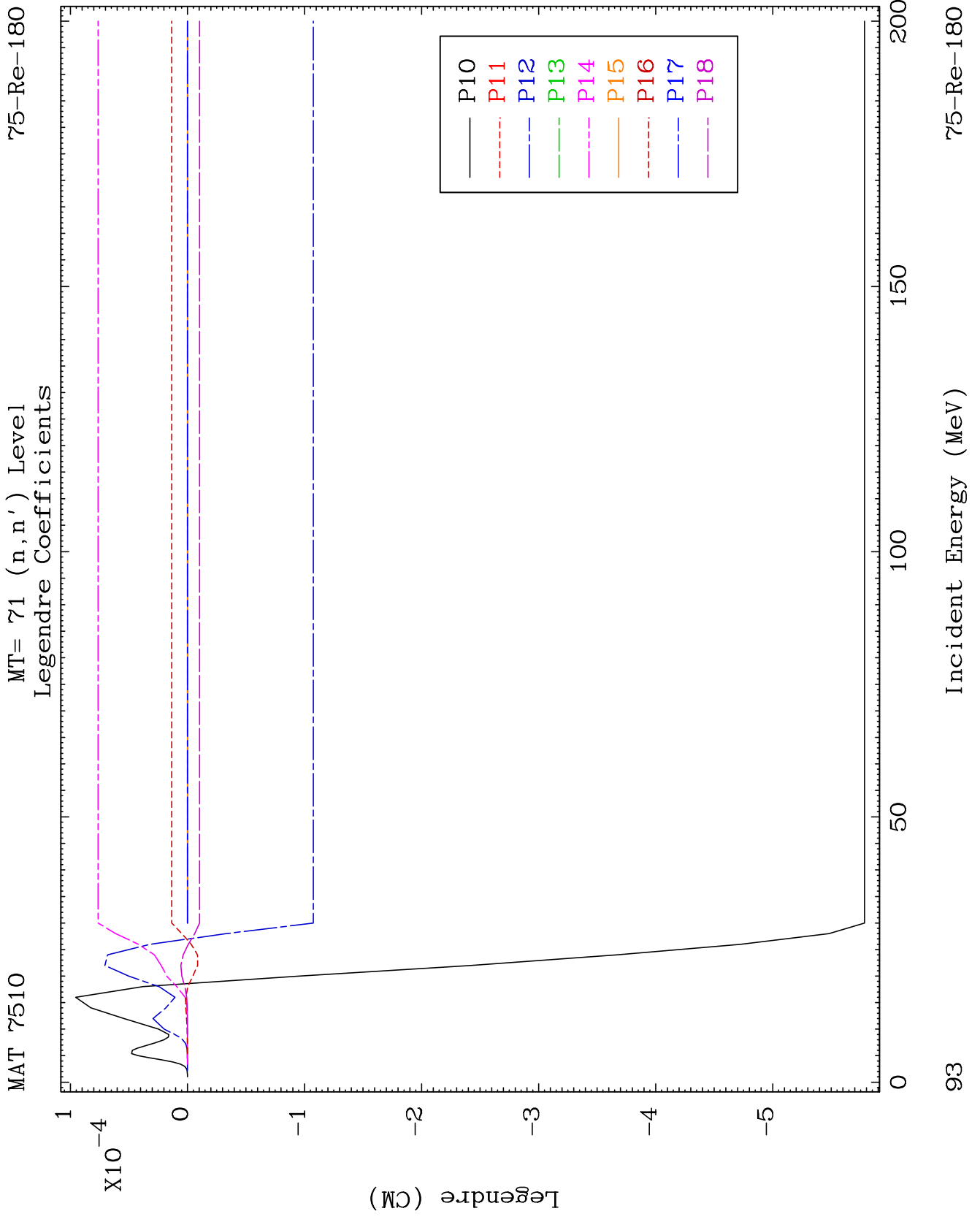


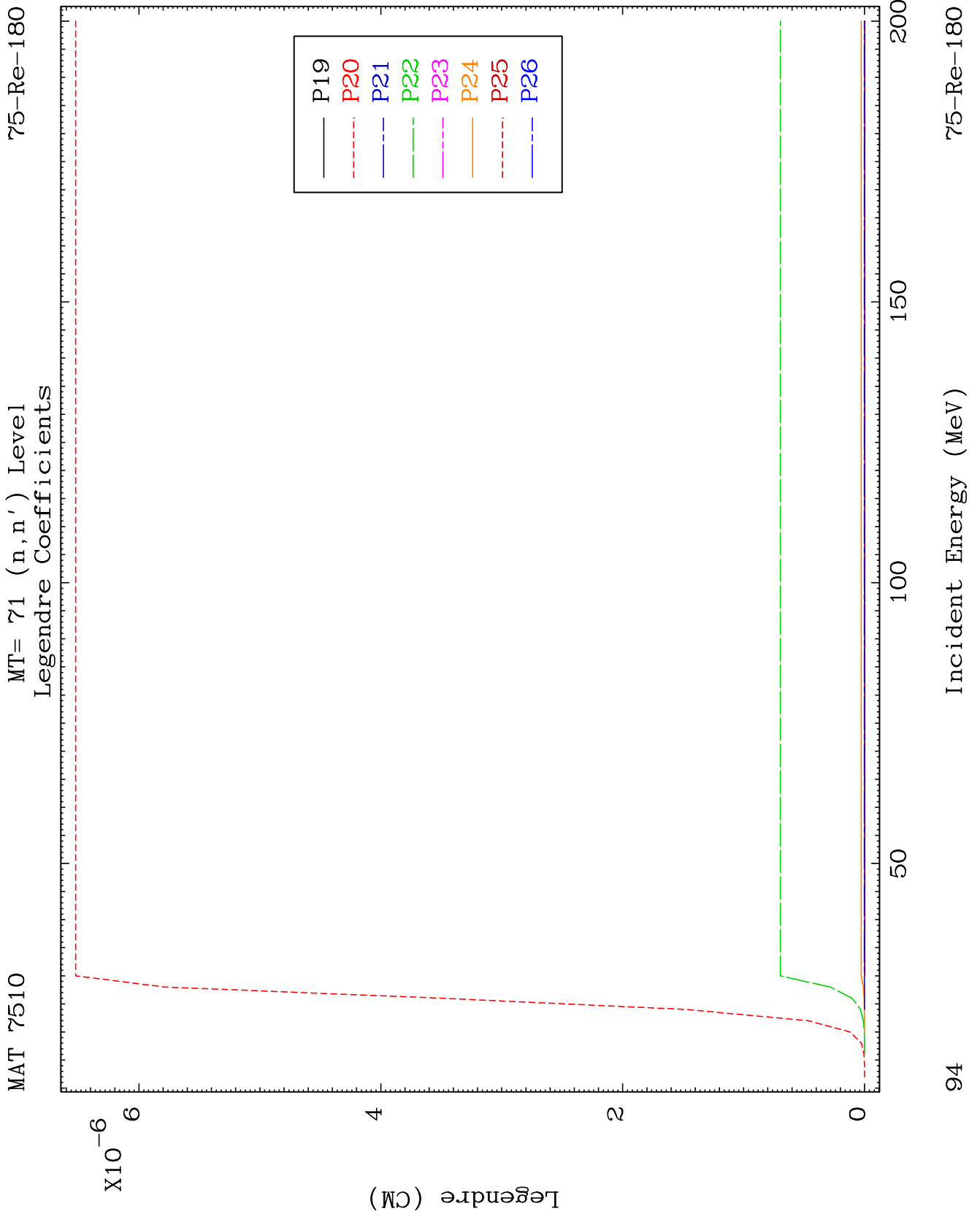


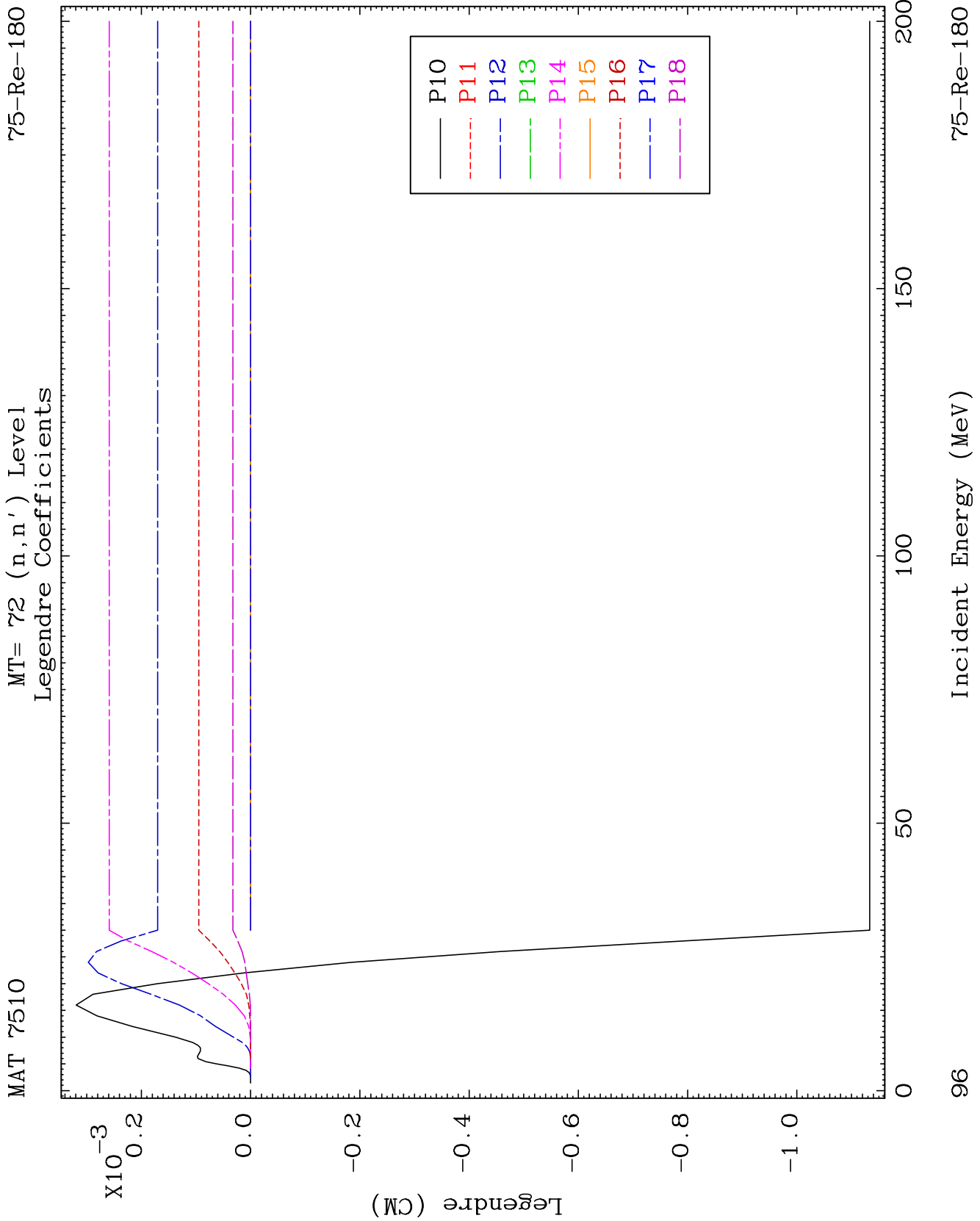


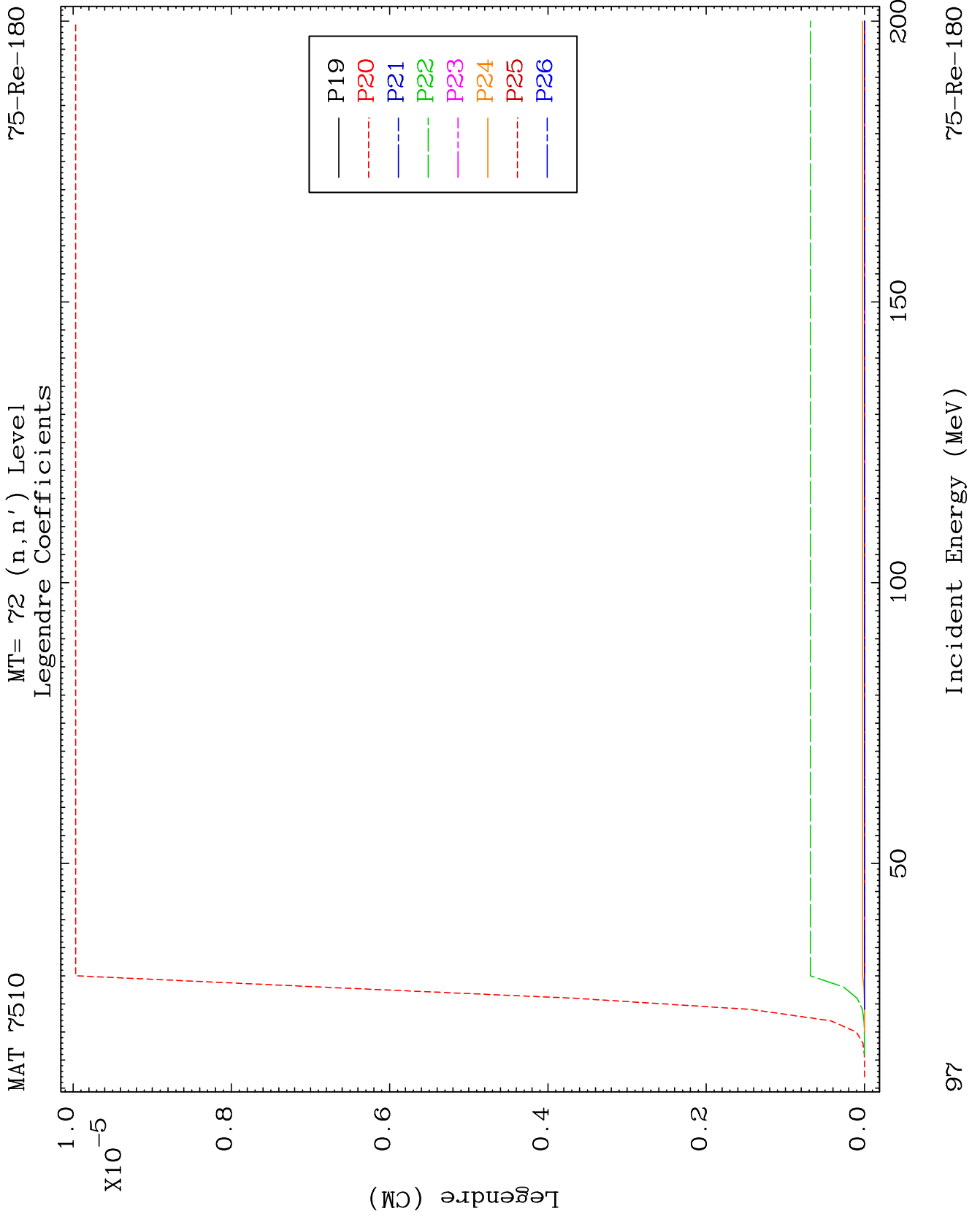








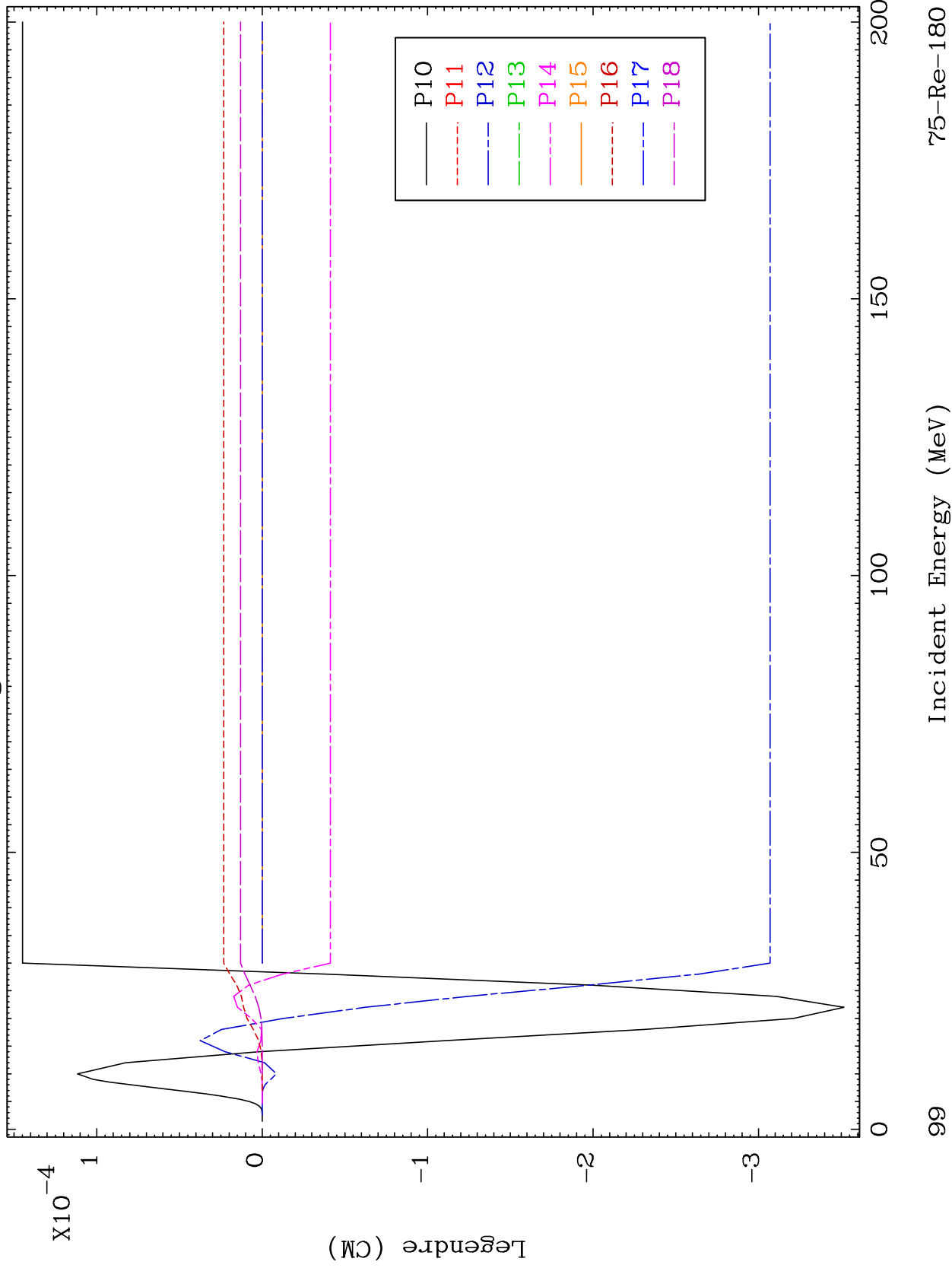


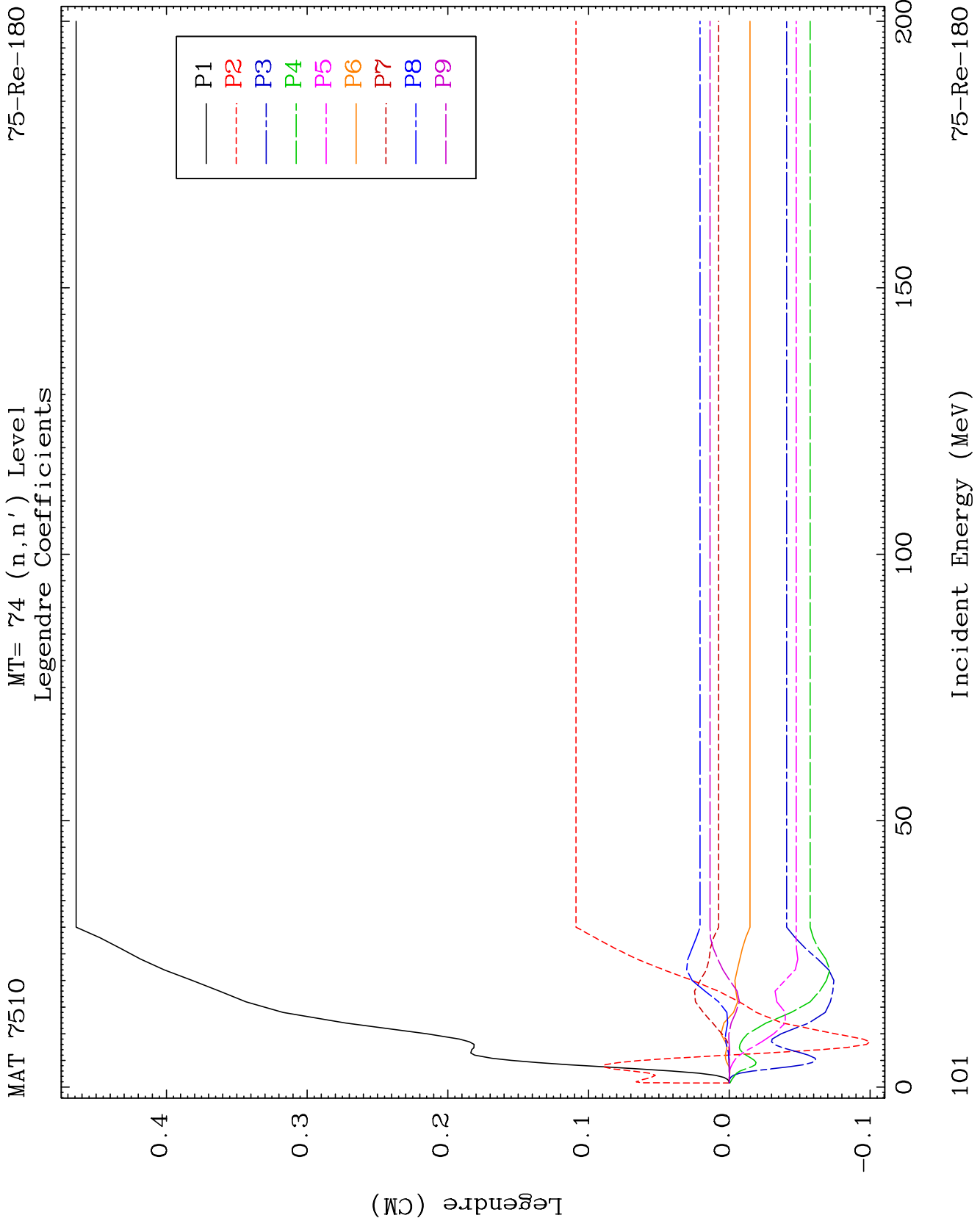


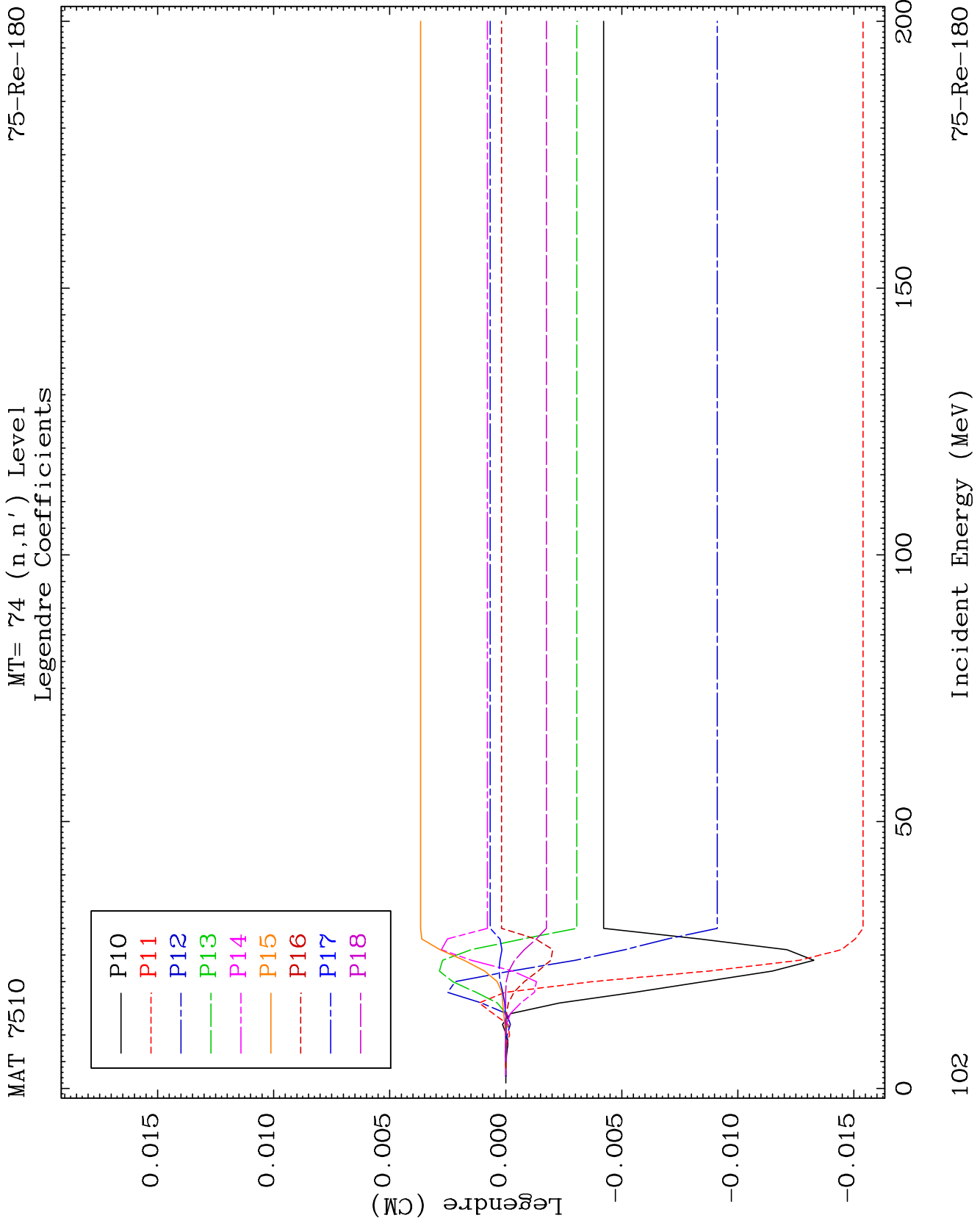
MAT 7510

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

75-Re-180



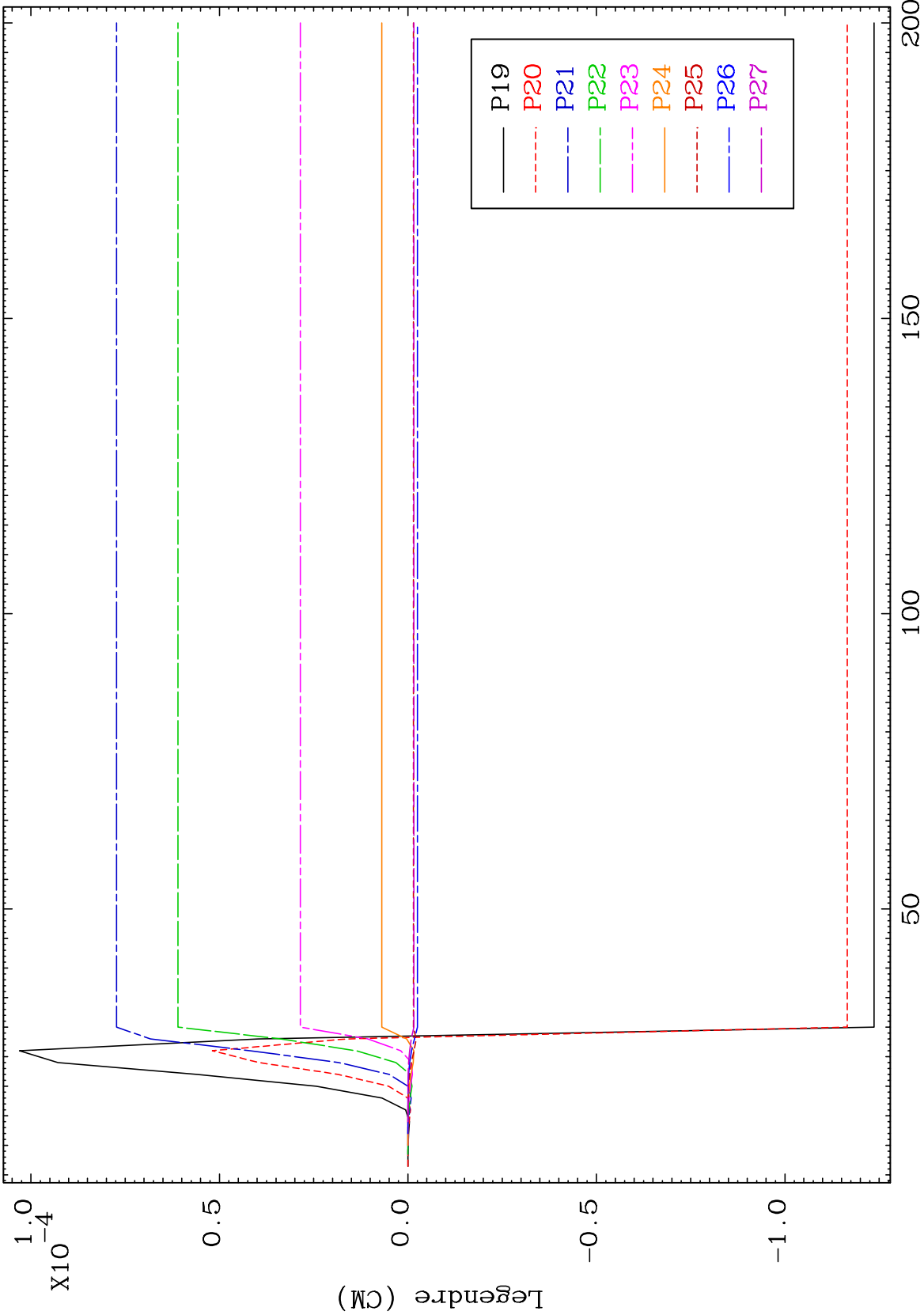


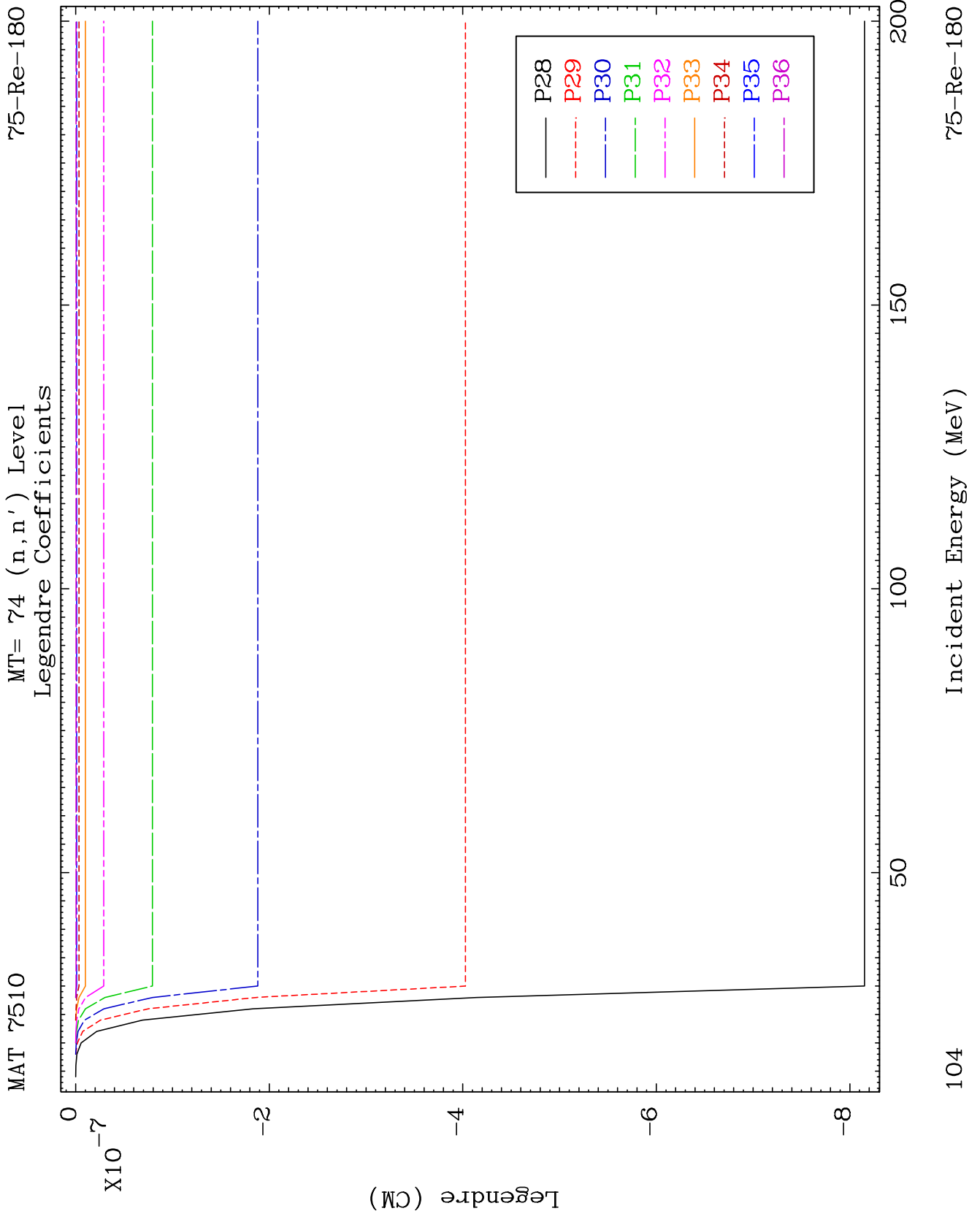


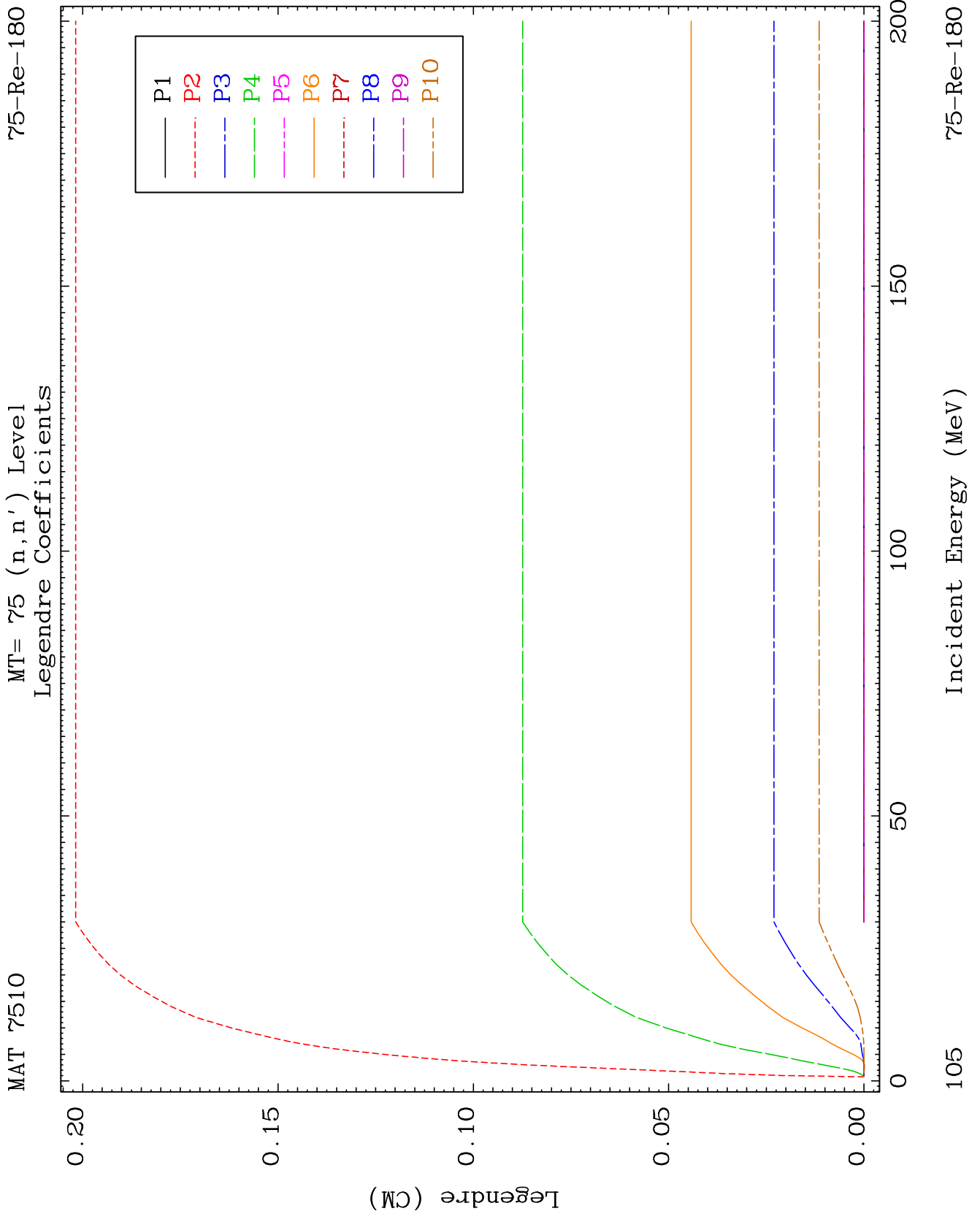
MAT 7510

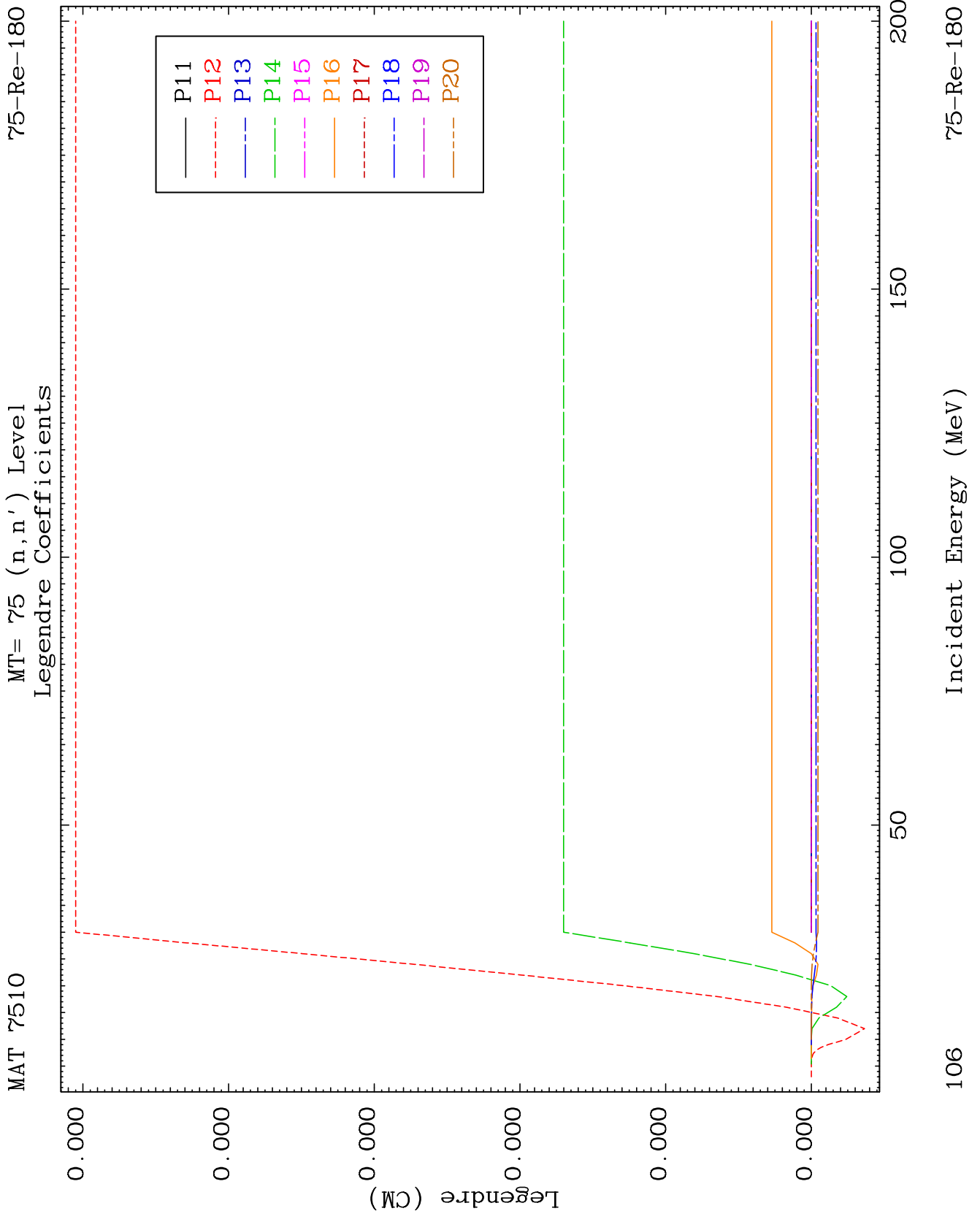
MT= 74 (n,n') Level
Legendre Coefficients

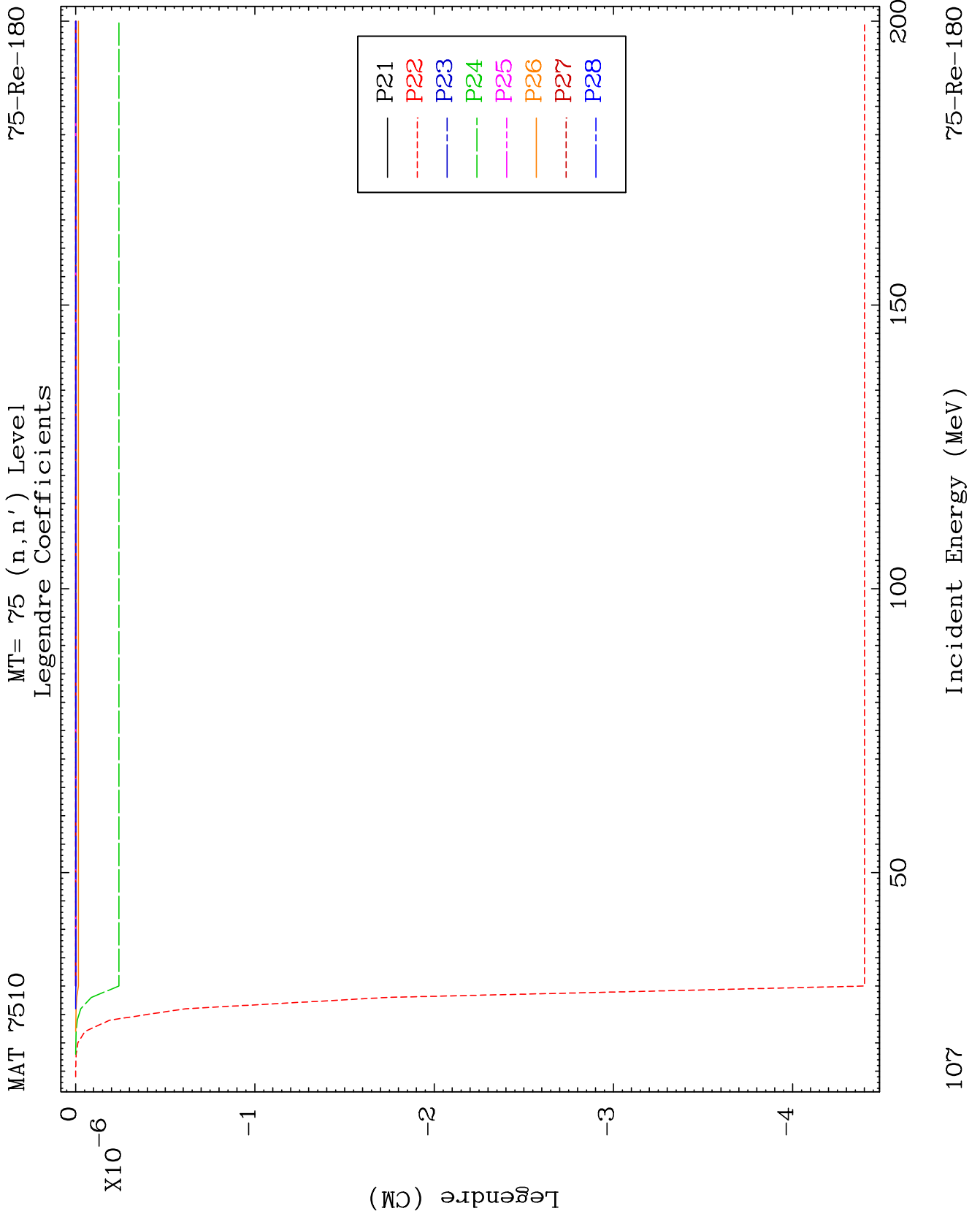
75-Re-180

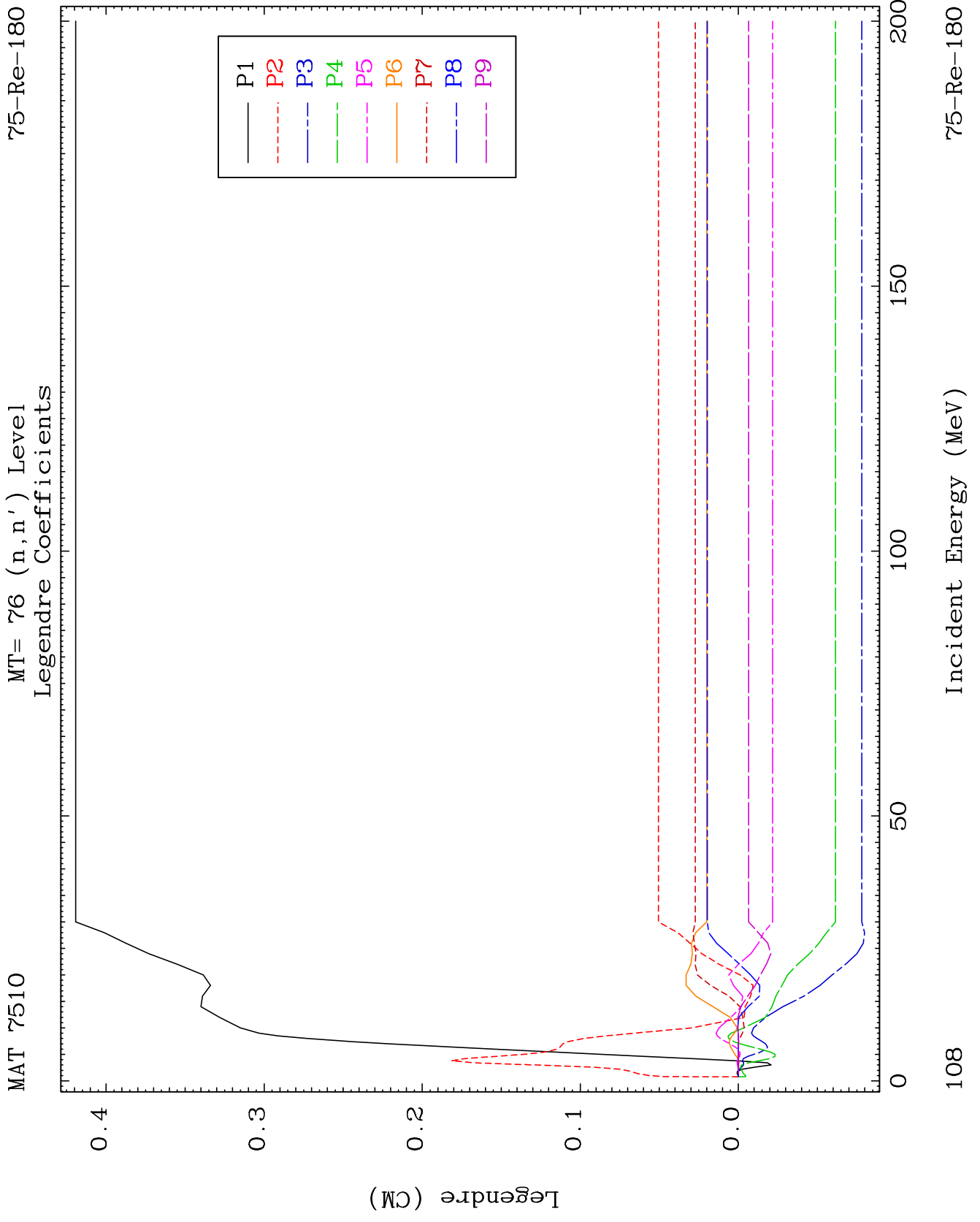


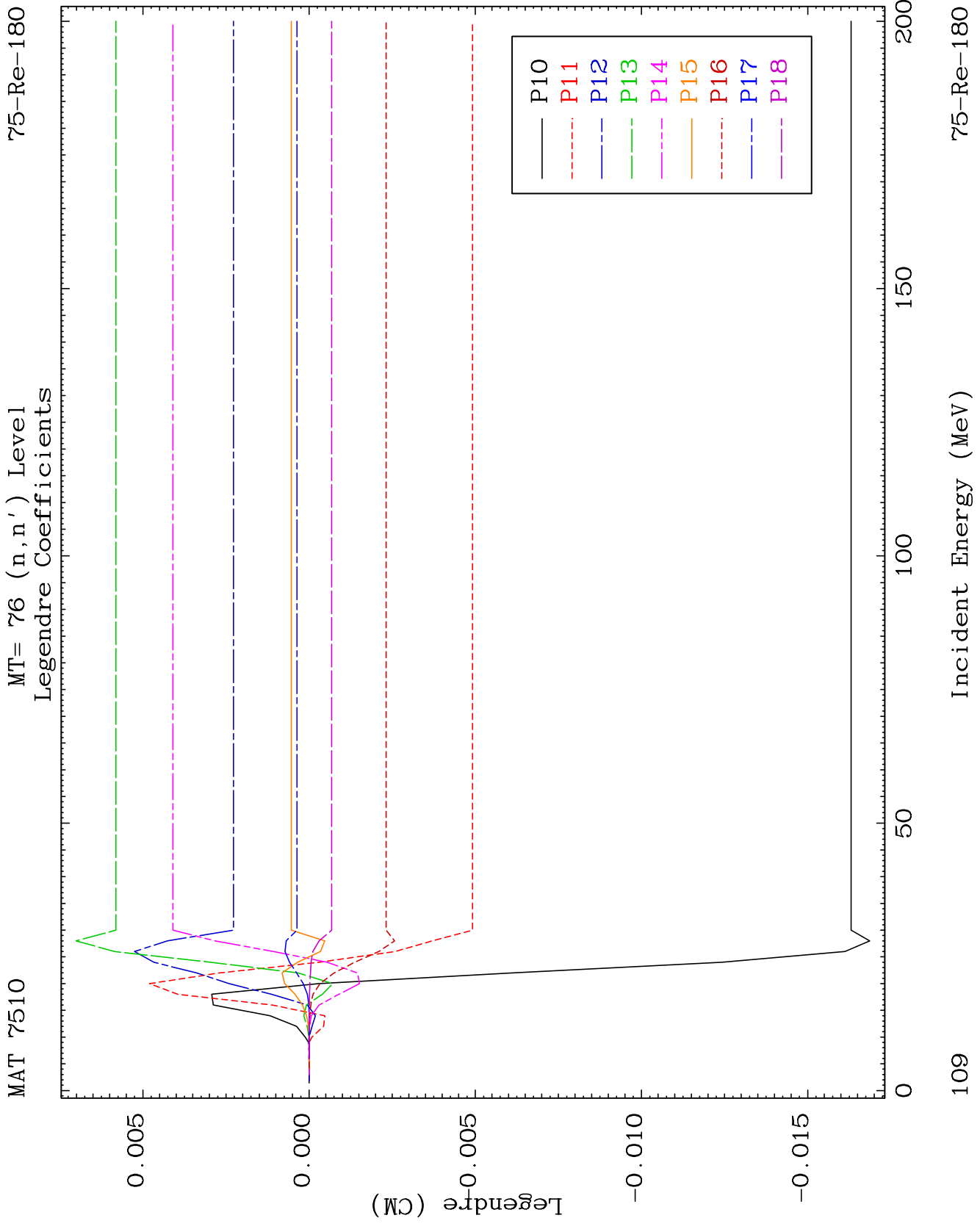


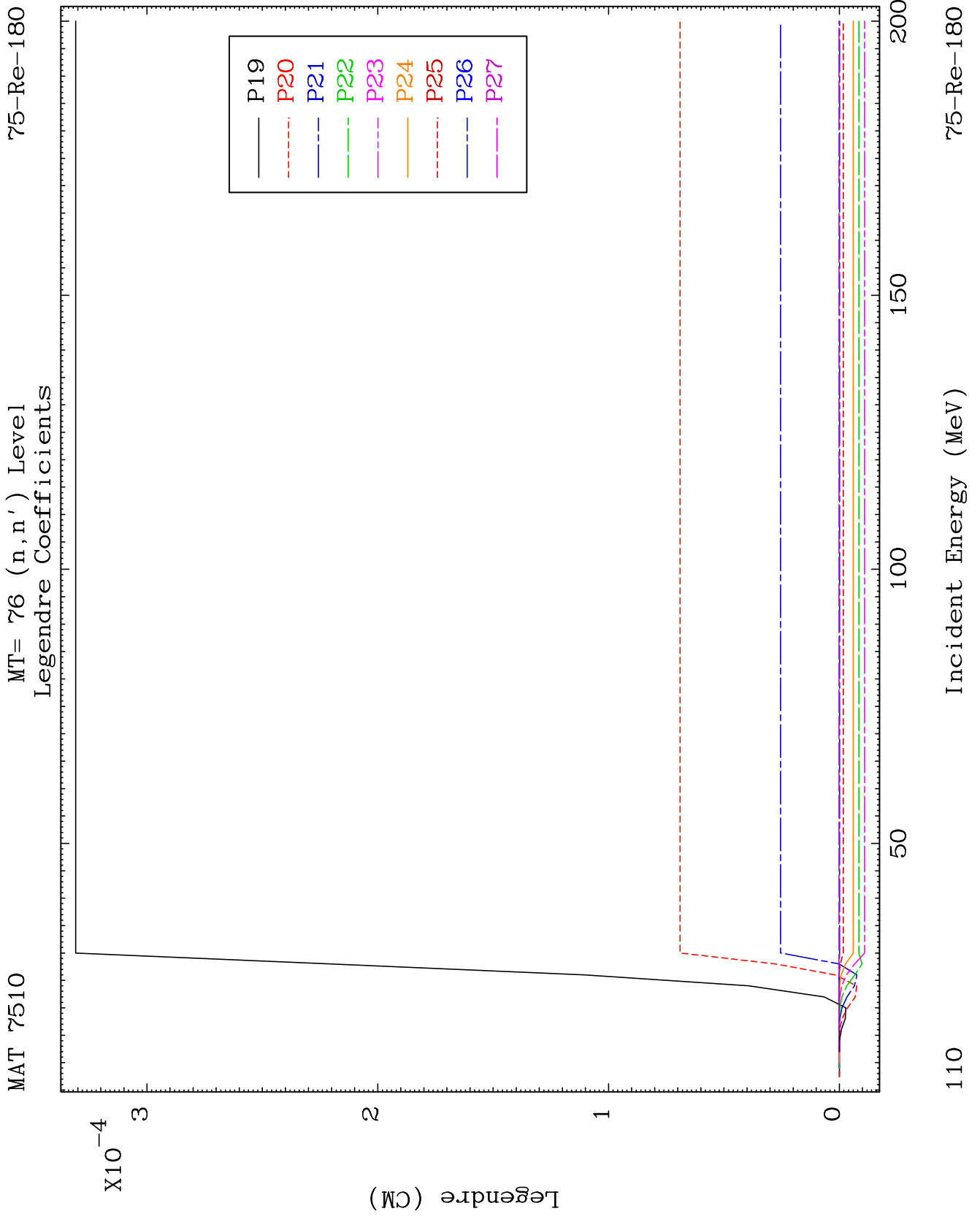


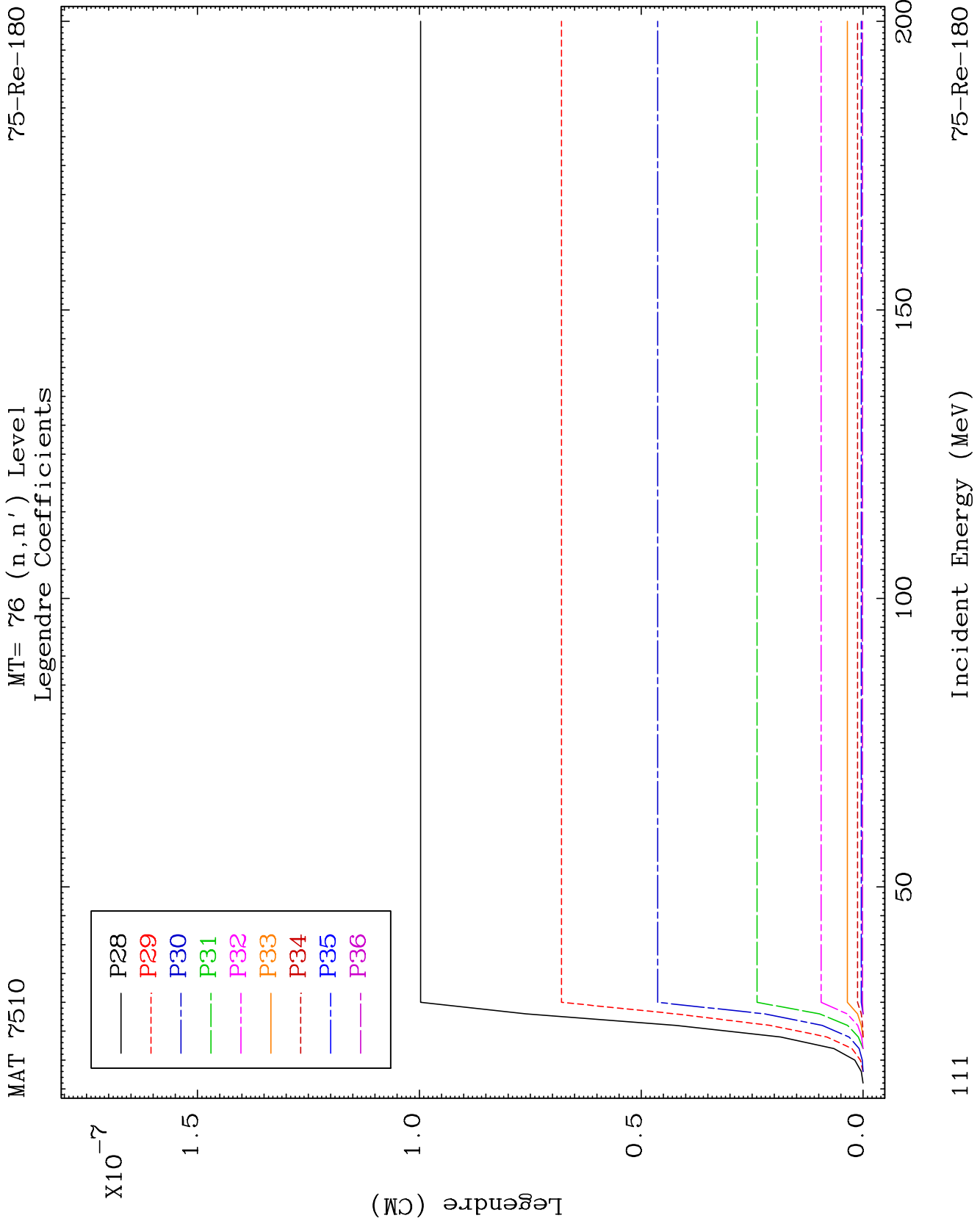








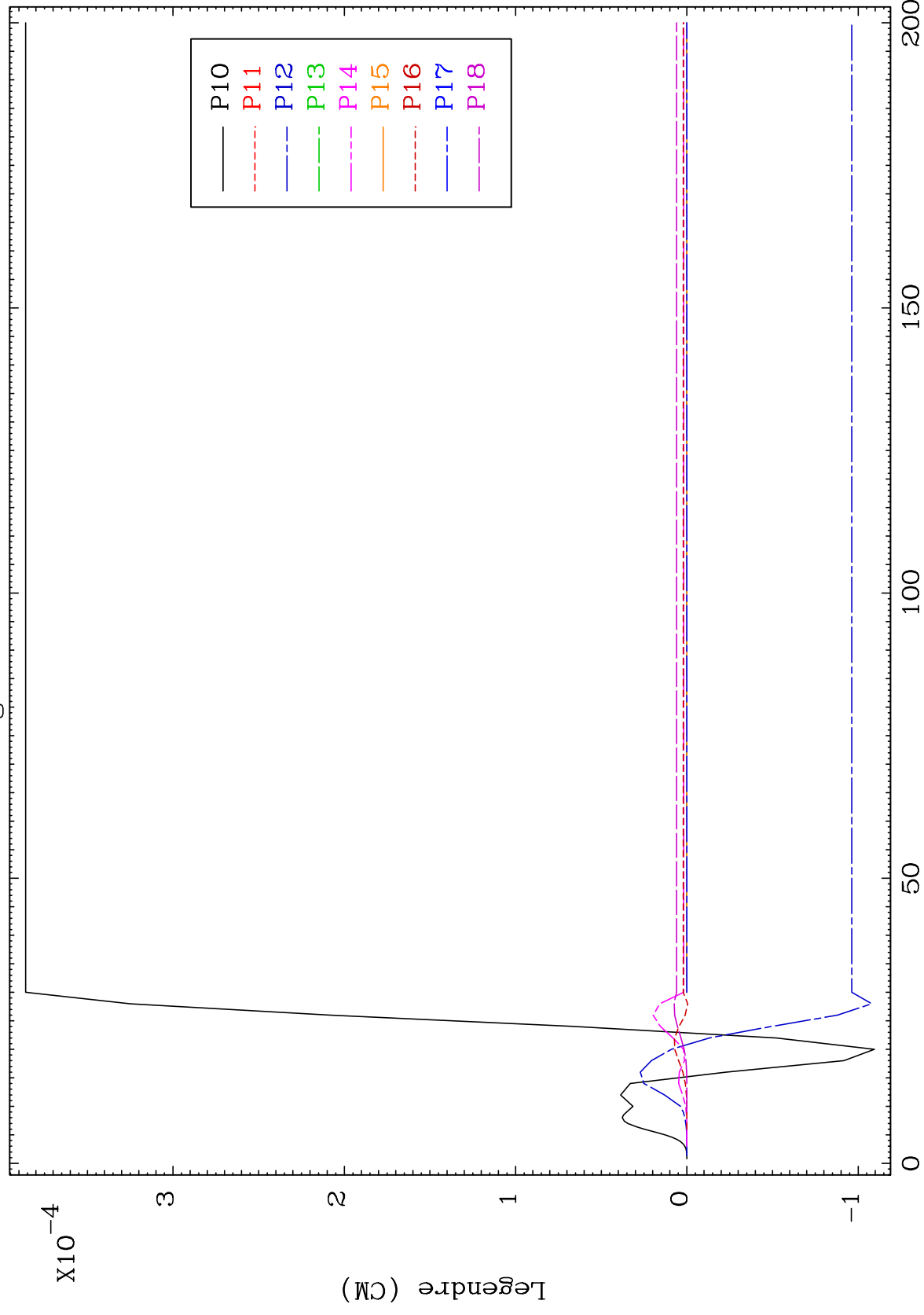




MAT 7510

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

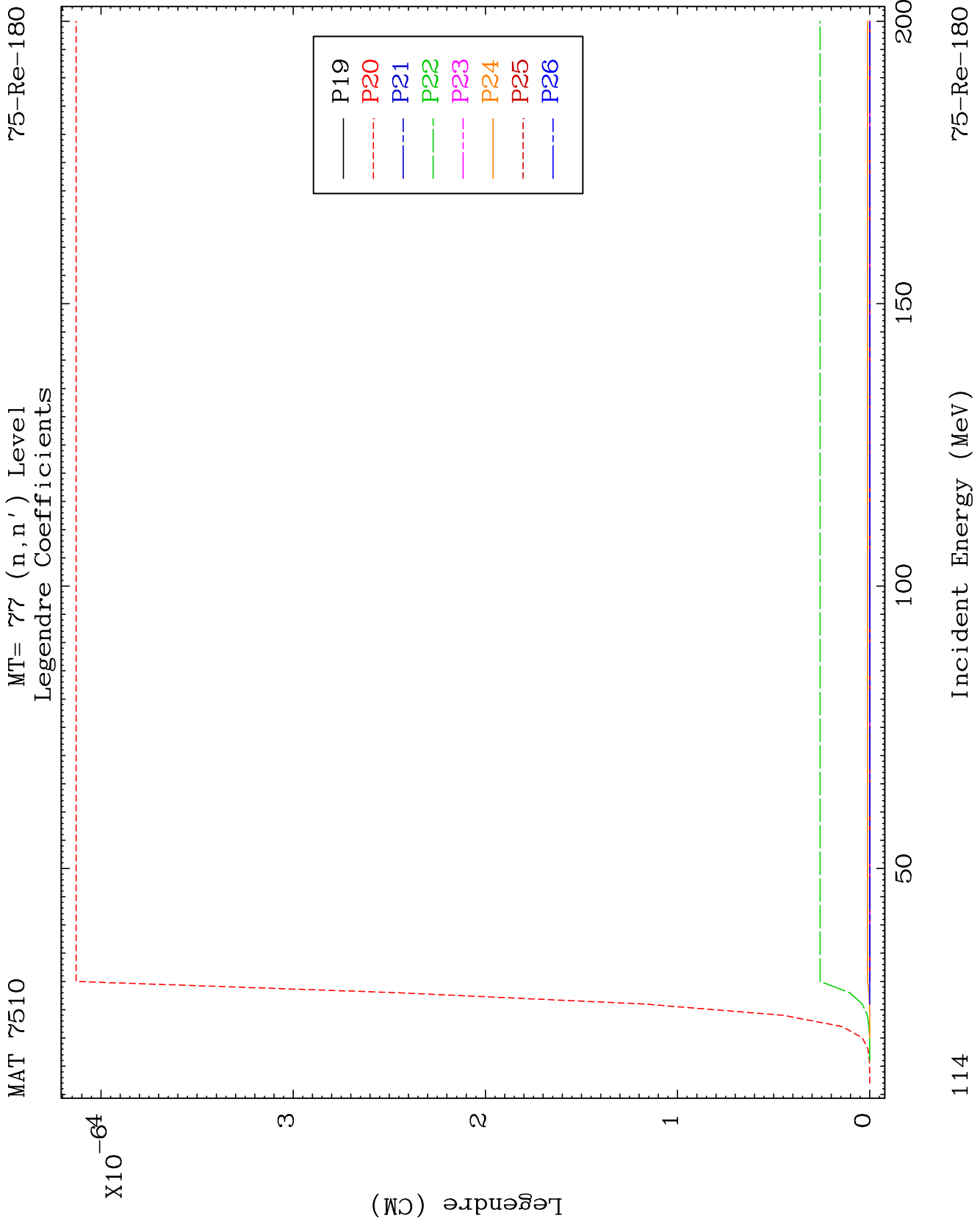
75-Re-180

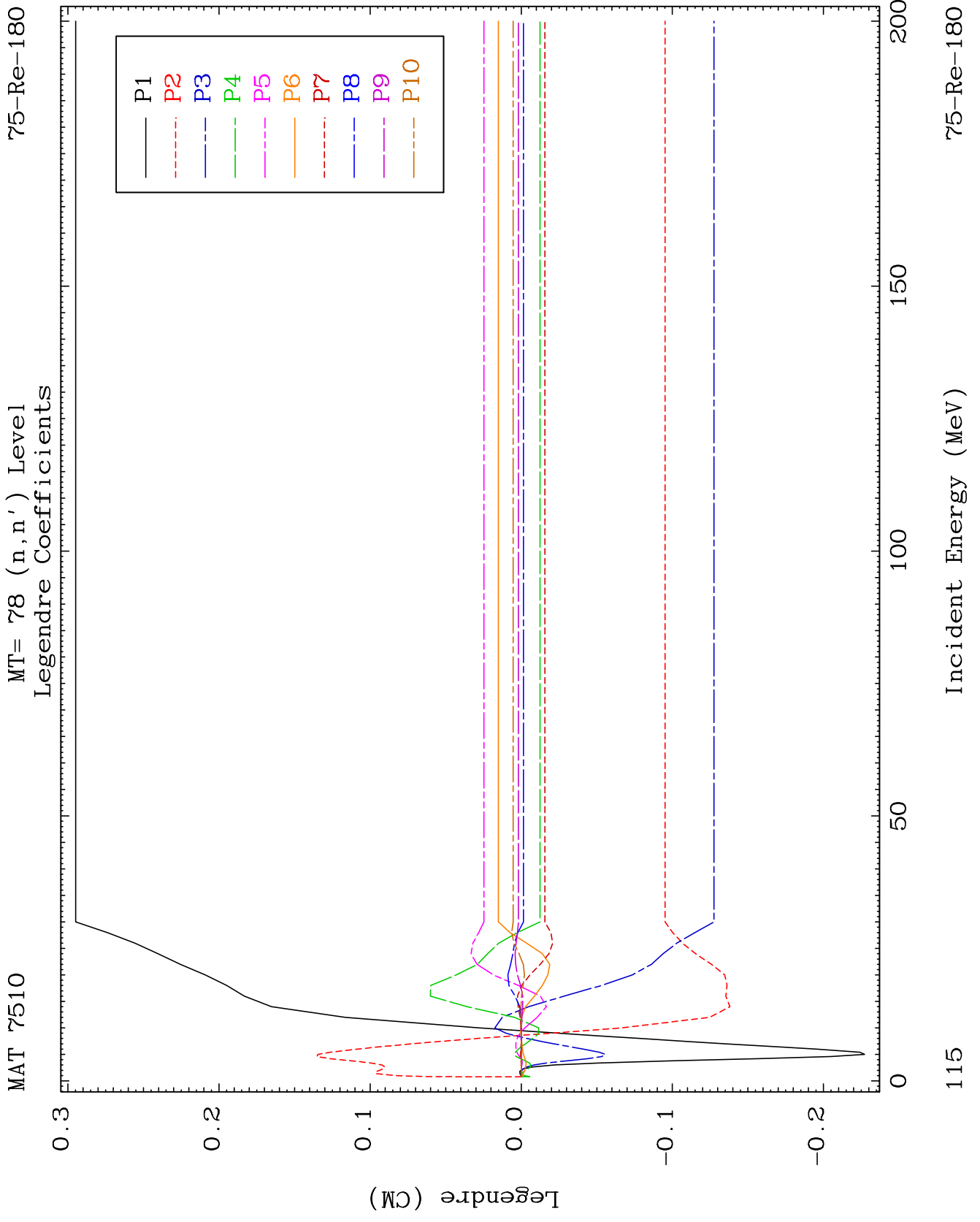


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Incident Energy (MeV)

75-Re-180

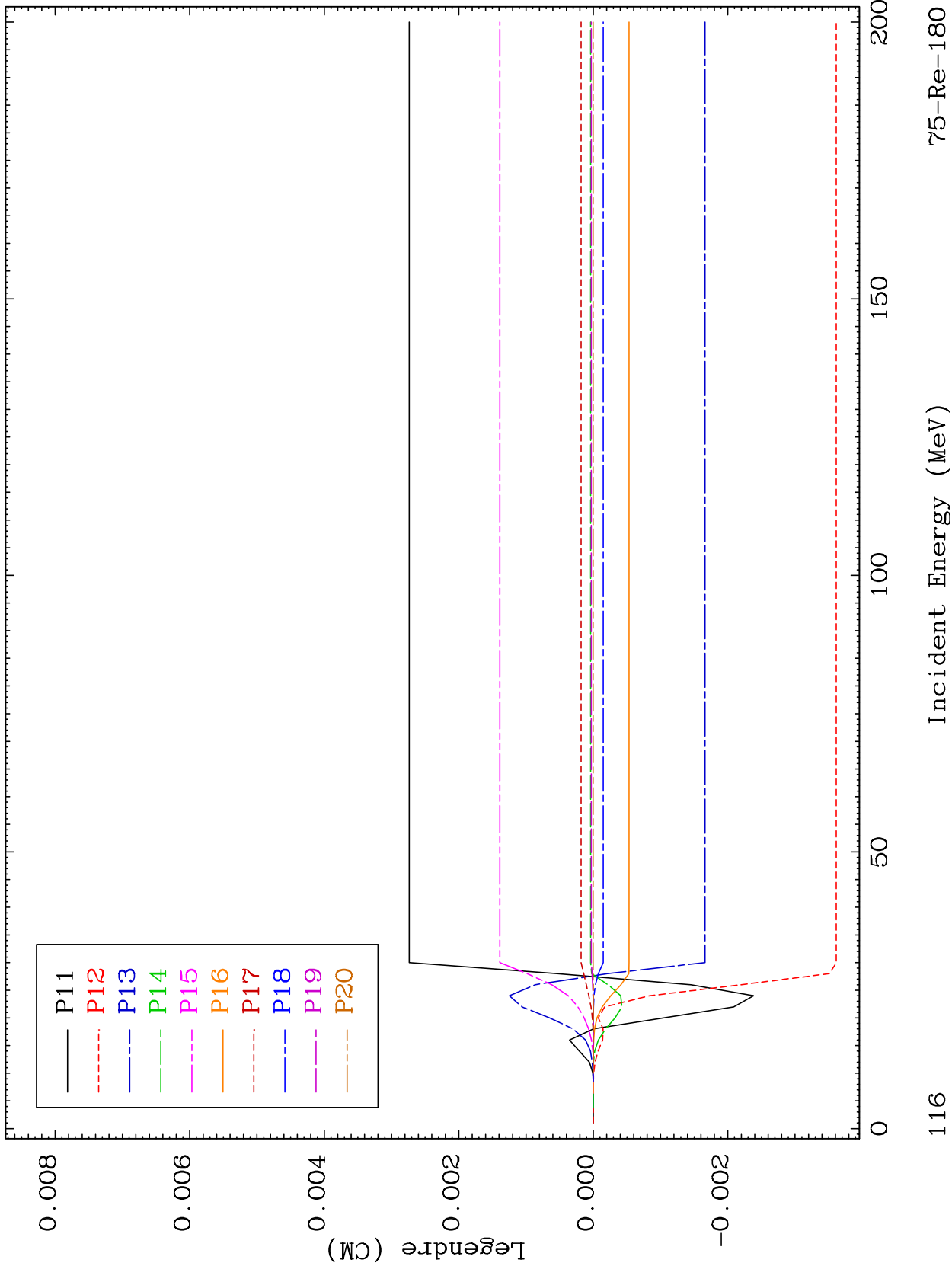




MAT 7510

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

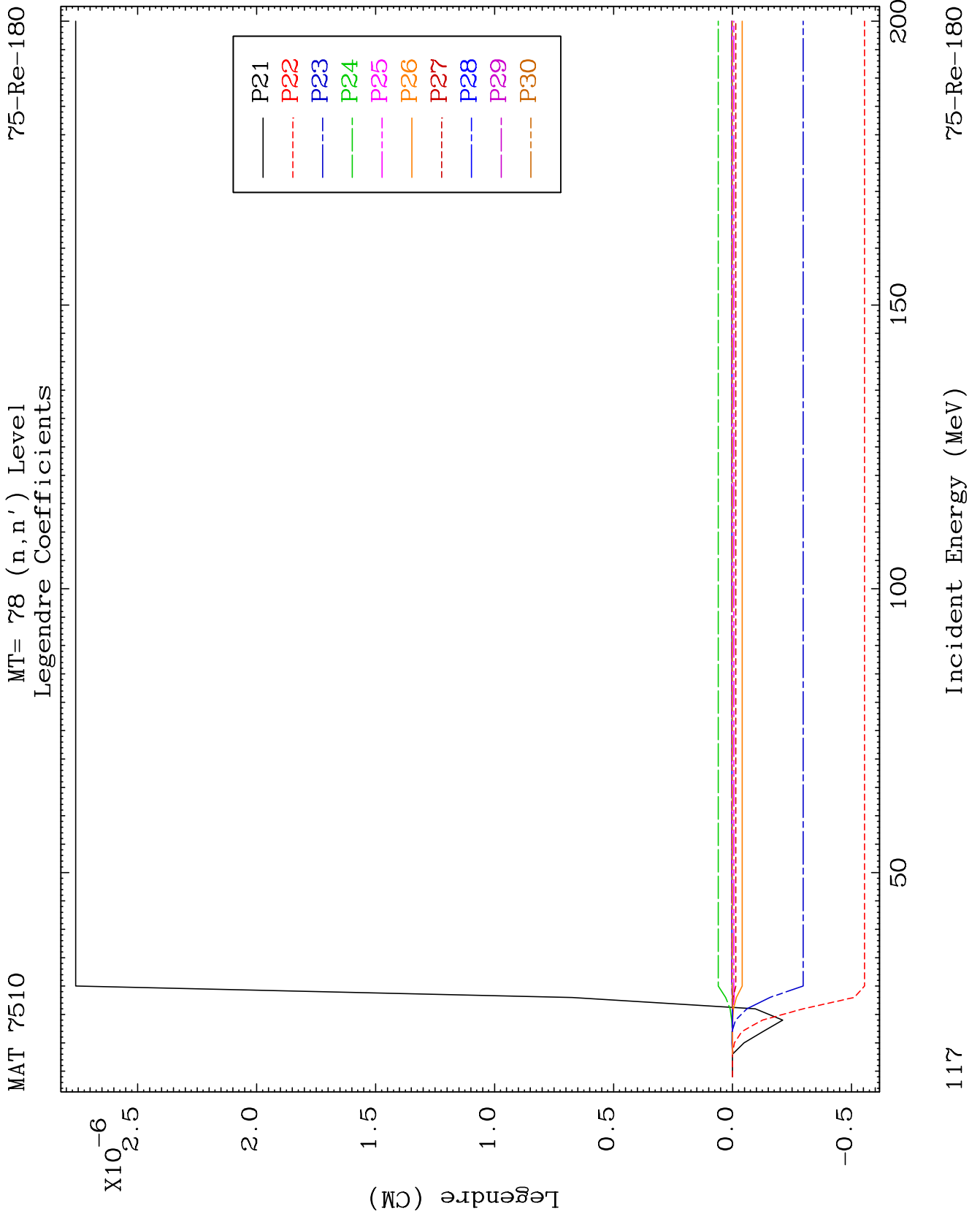
75-Re-180

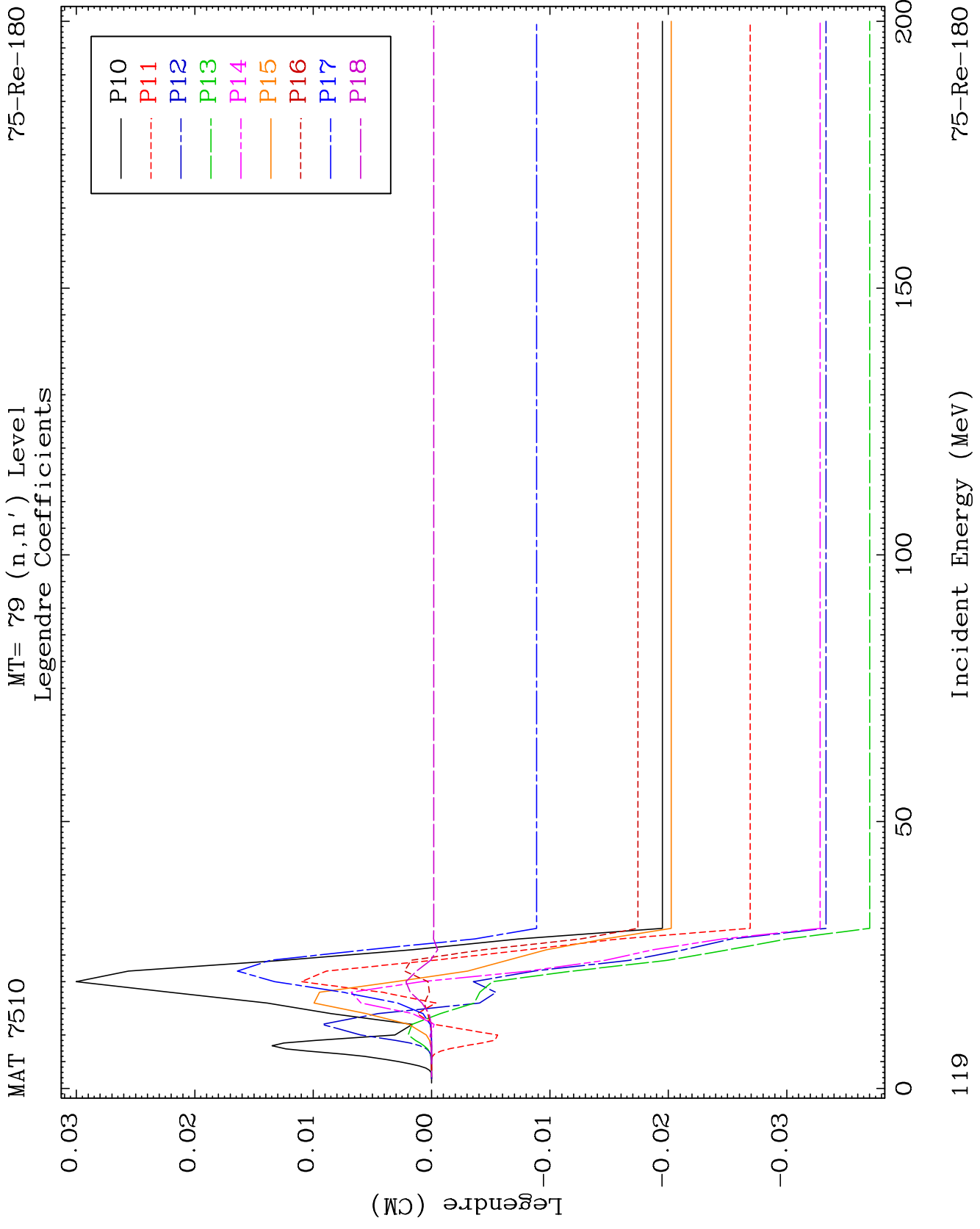


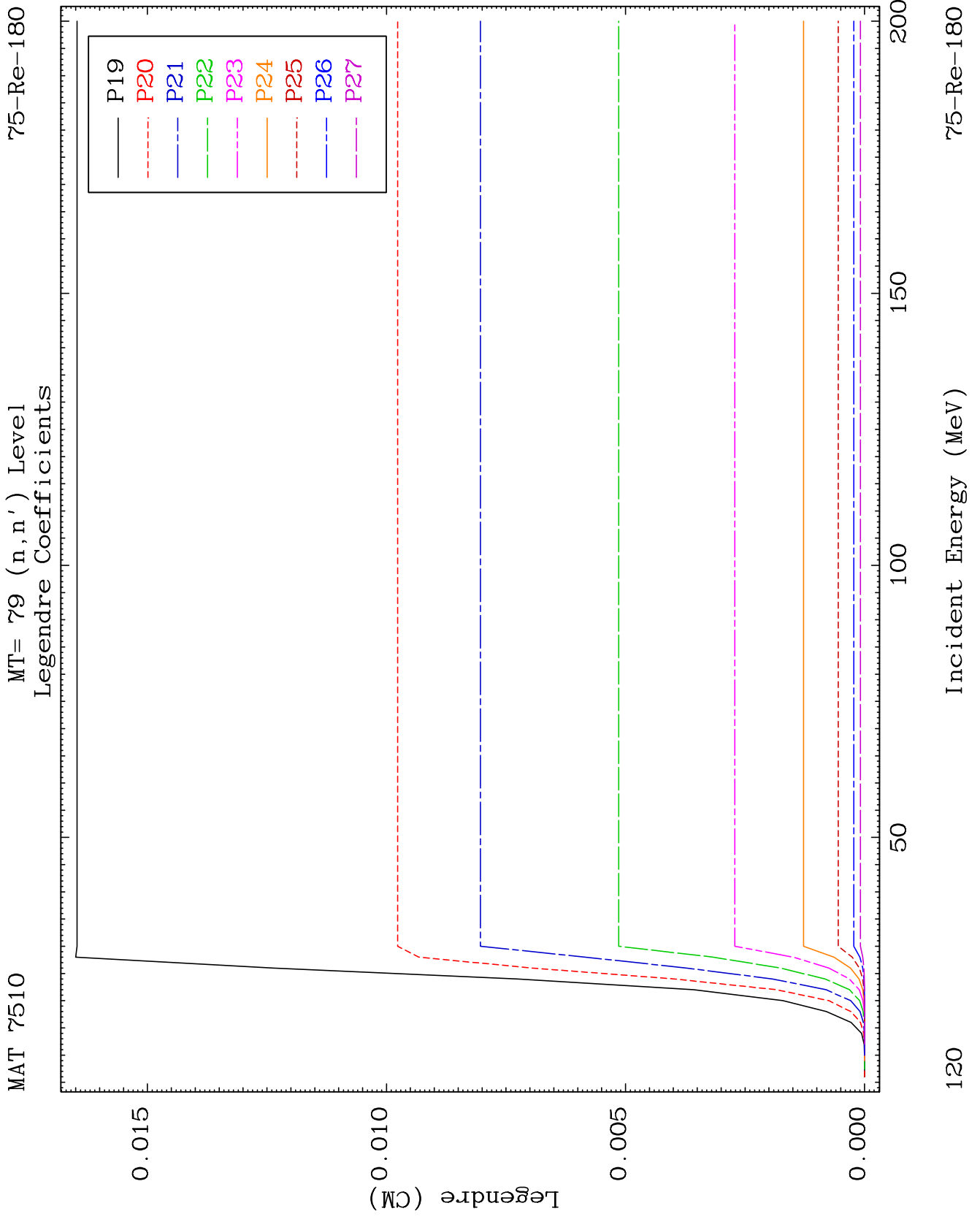
116

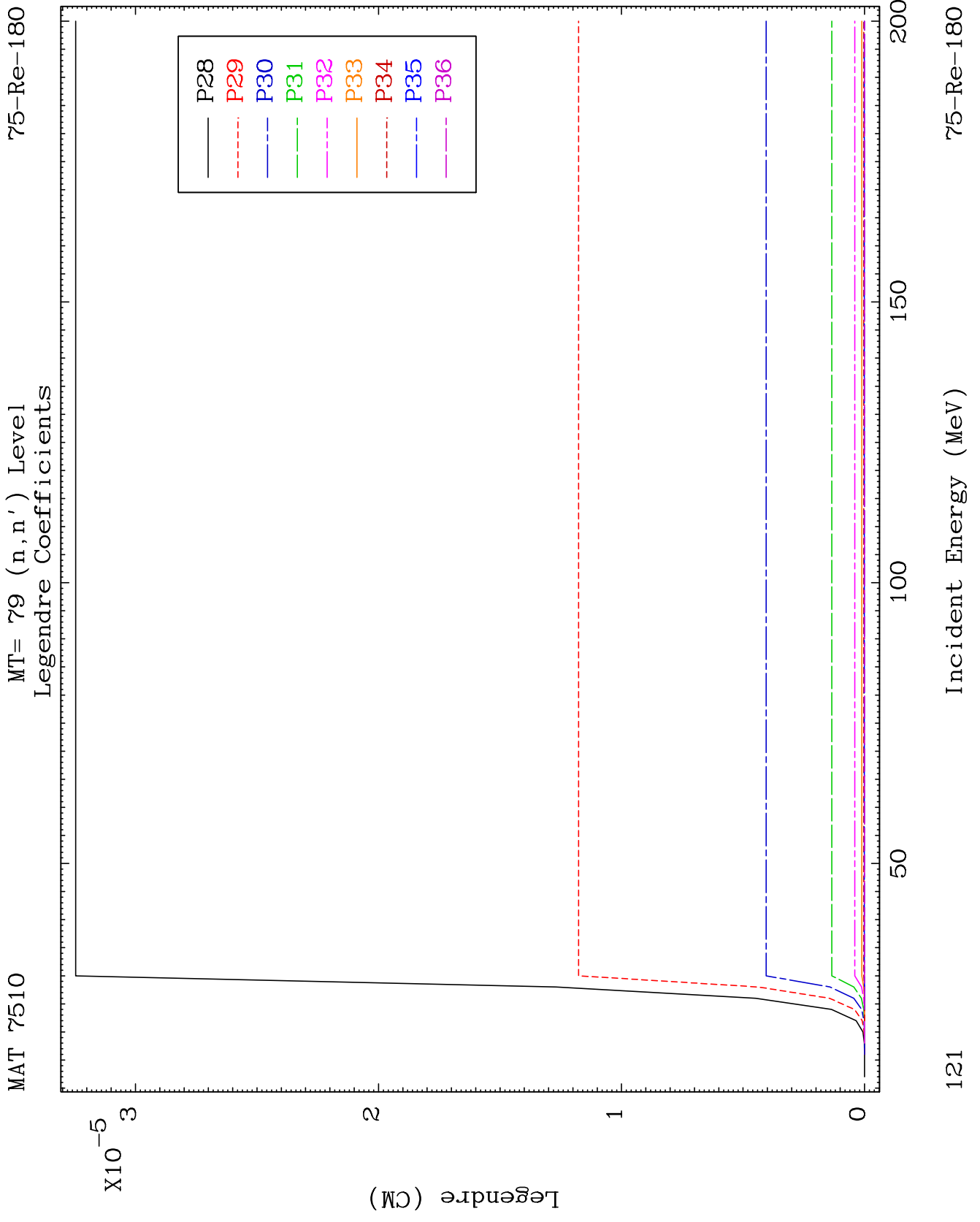
Incident Energy (MeV)

75-Re-180







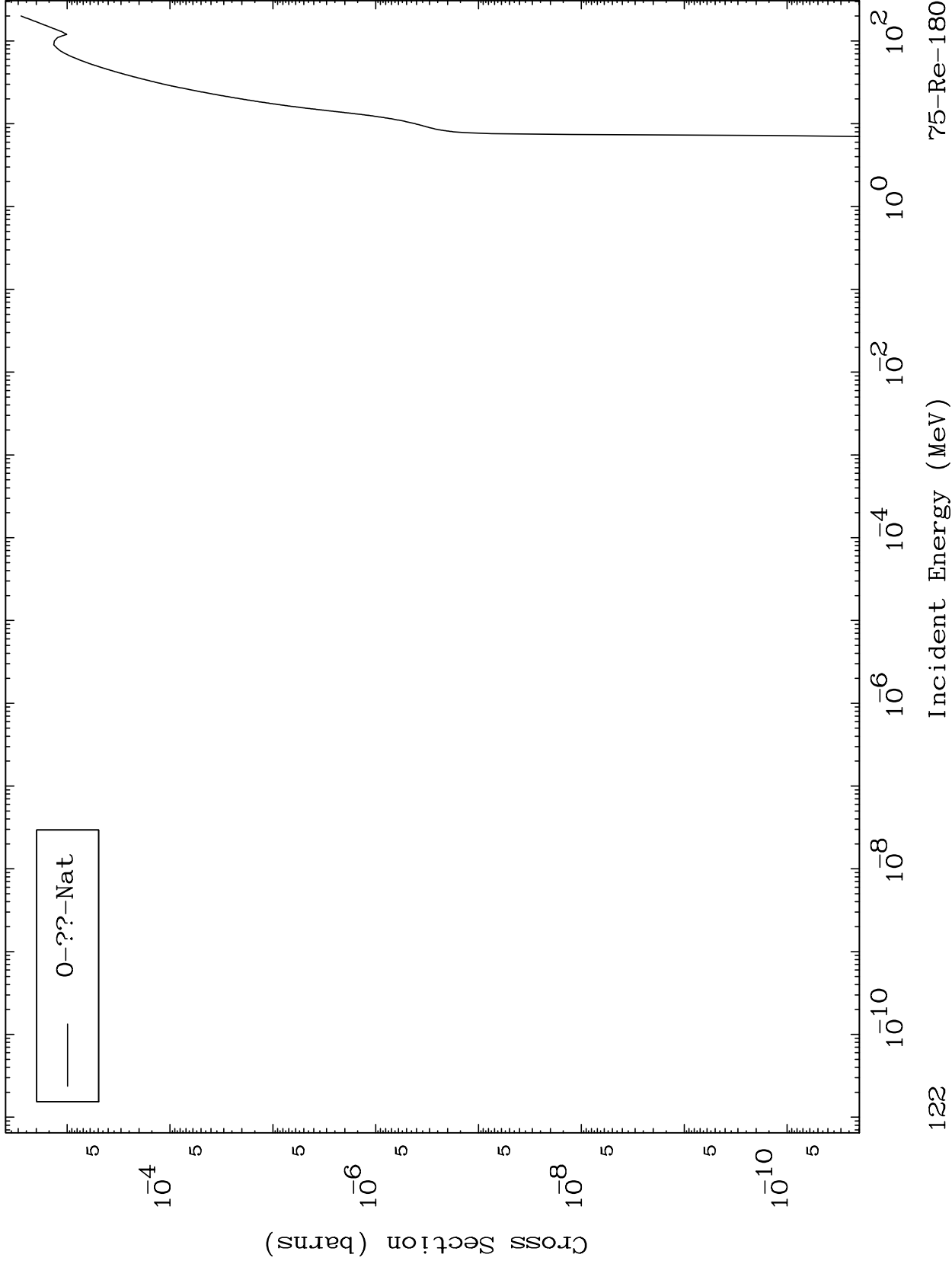


MAT 7510

Fission

⁷⁵Re-180

Radionuclide Production Cross Section

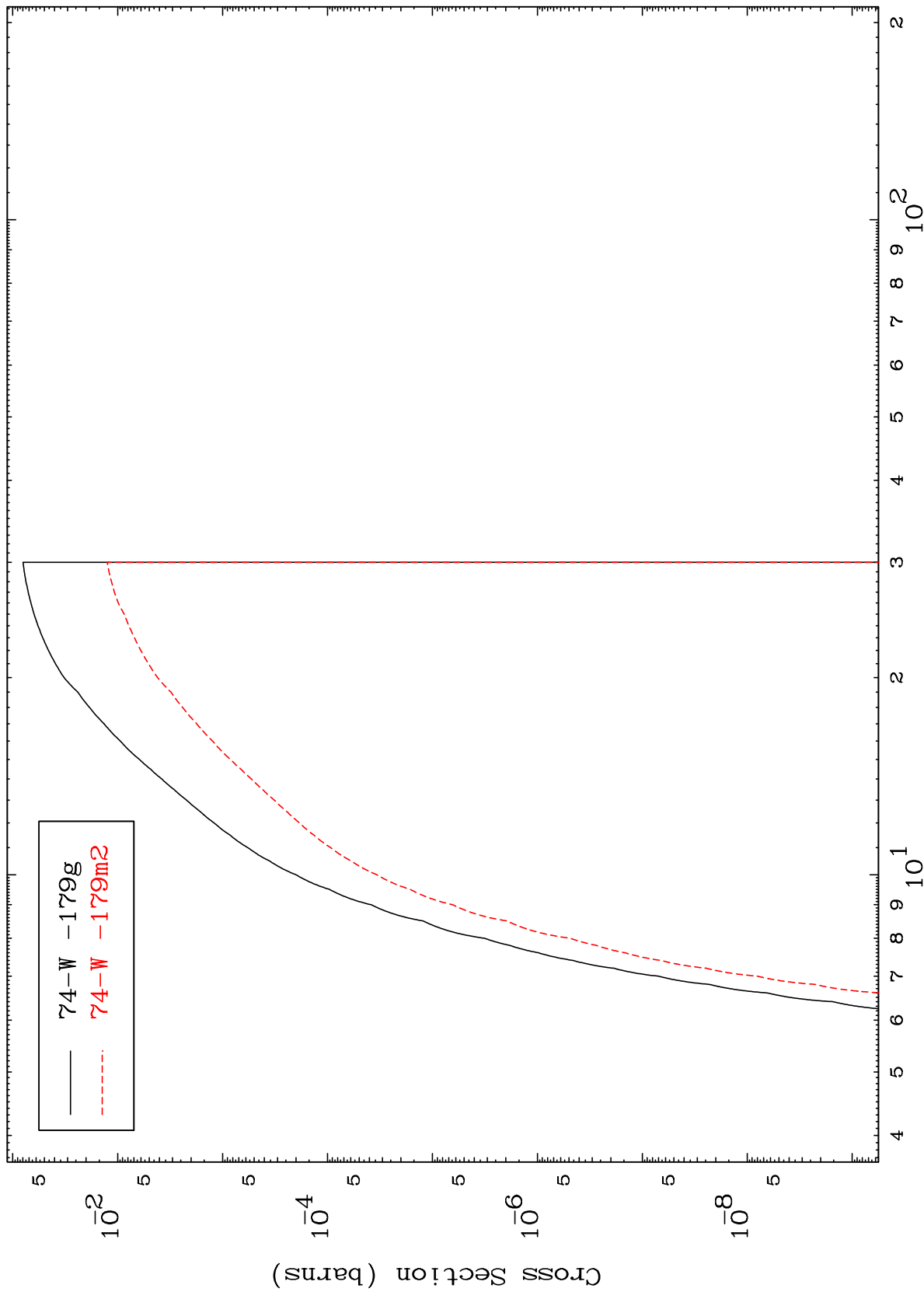


MAT 7510

(n,n') p

75-Re-180

Radionuclide Production Cross Section



74-W -179g
74-W -179m2

123

Incident Energy (MeV)

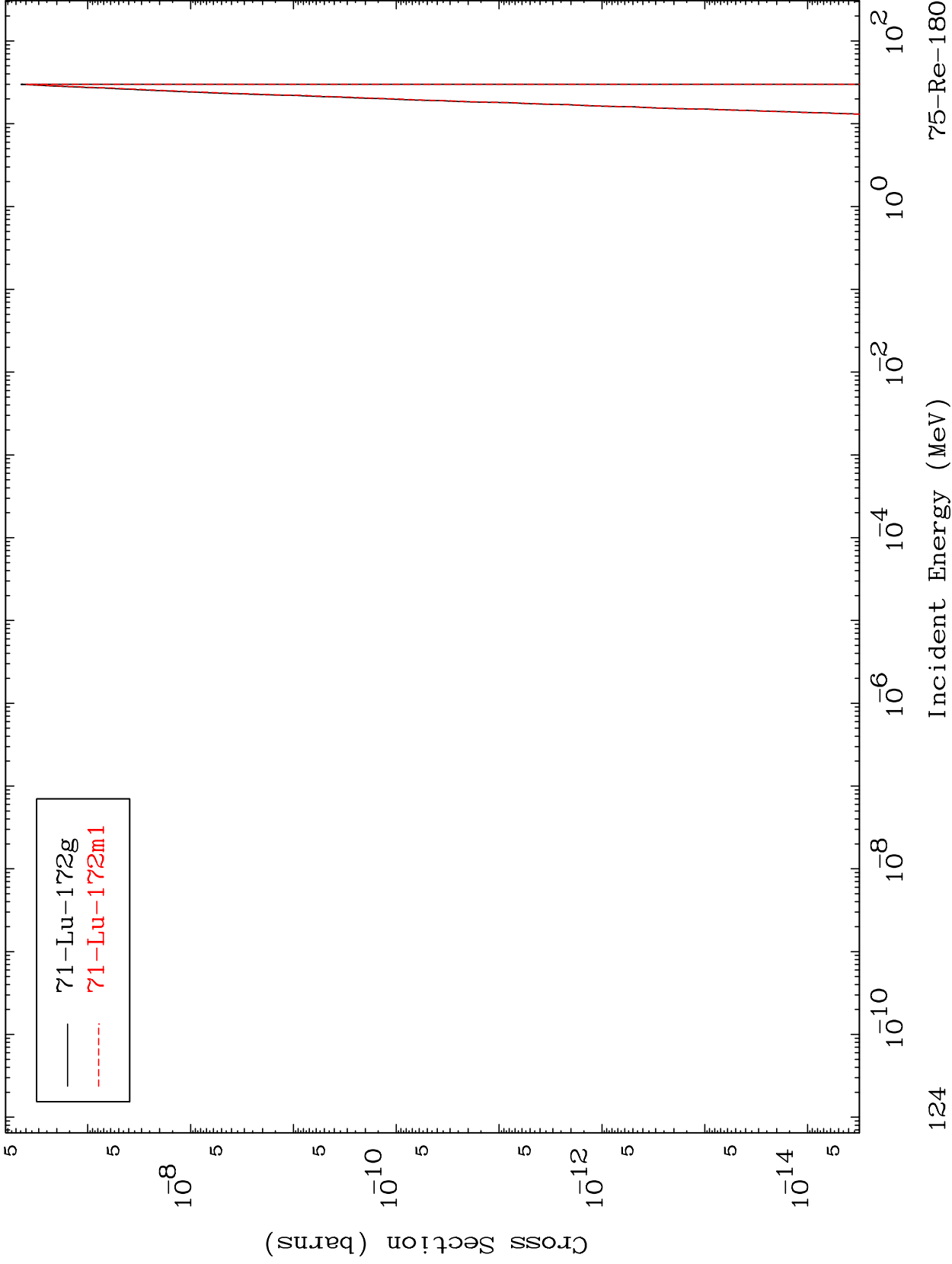
75-Re-180

MAT 7510

(n,n') 2α

75-Re-180

Radionuclide Production Cross Section

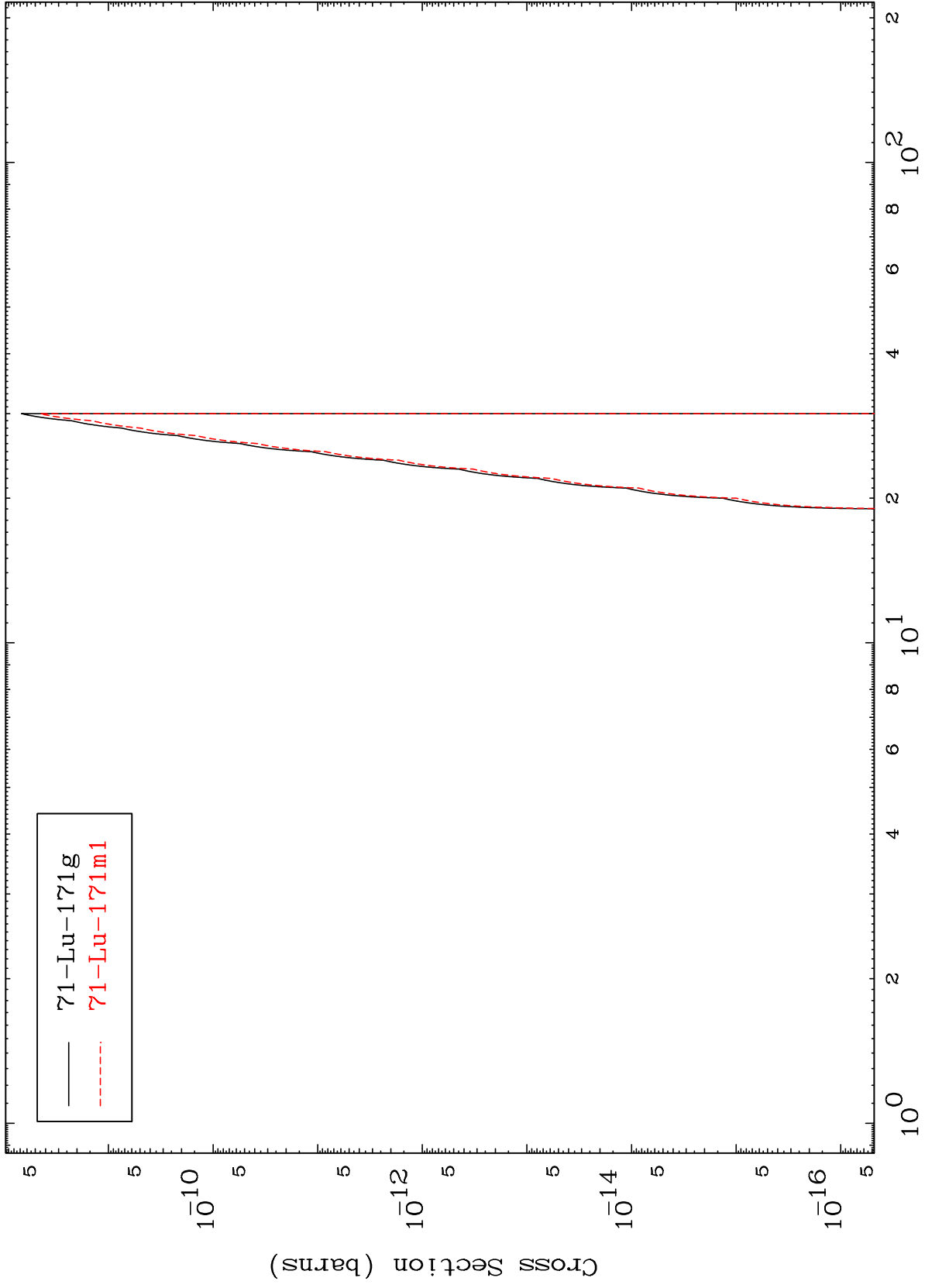


MAT 7510

$(n,2n) 2\alpha$

75-Re-180

Radionuclide Production Cross Section



125

Incident Energy (MeV)

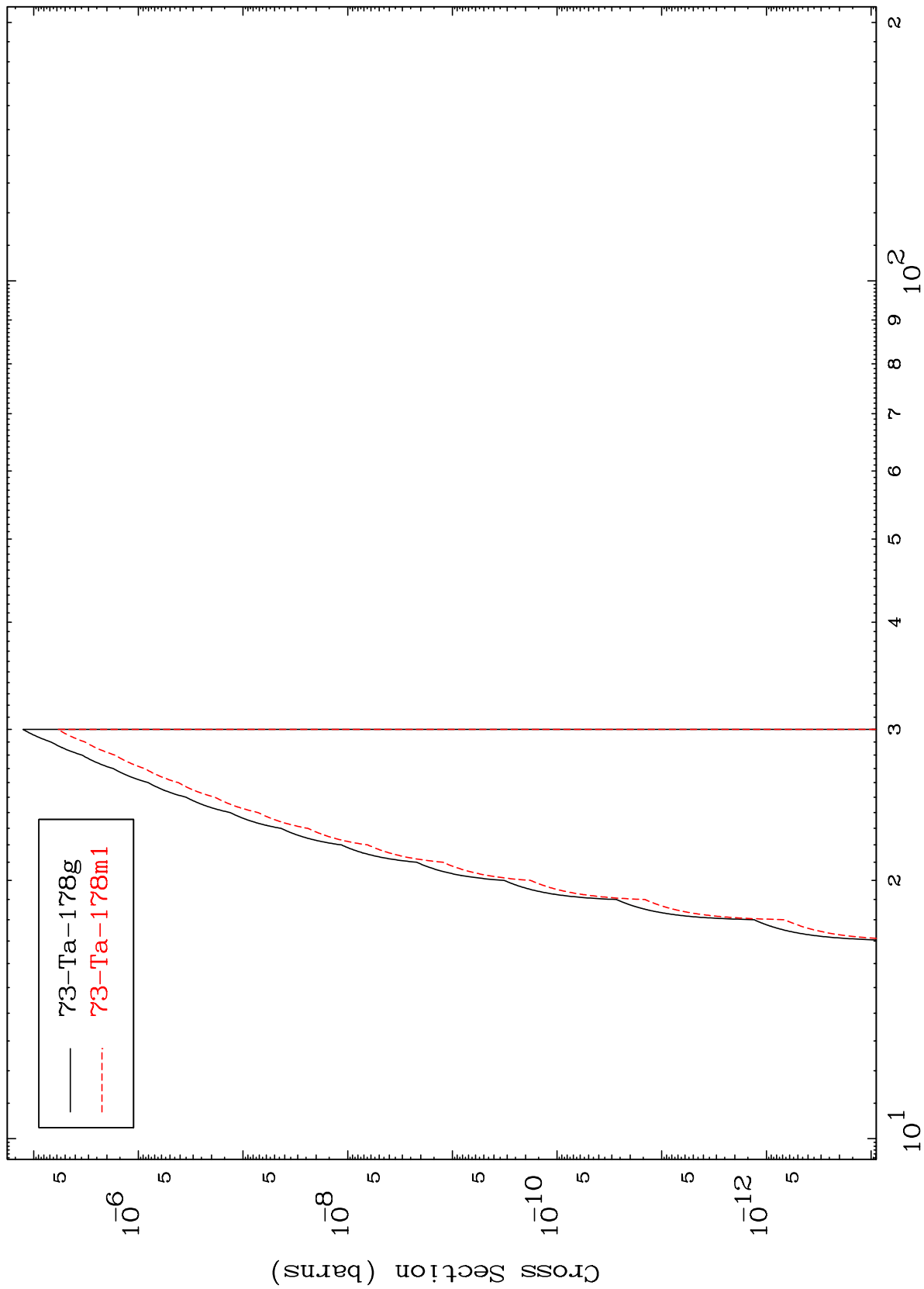
75-Re-180

MAT 7510

(n,2n) p

75-Re-180

Radionuclide Production Cross Section



126

Incident Energy (MeV)

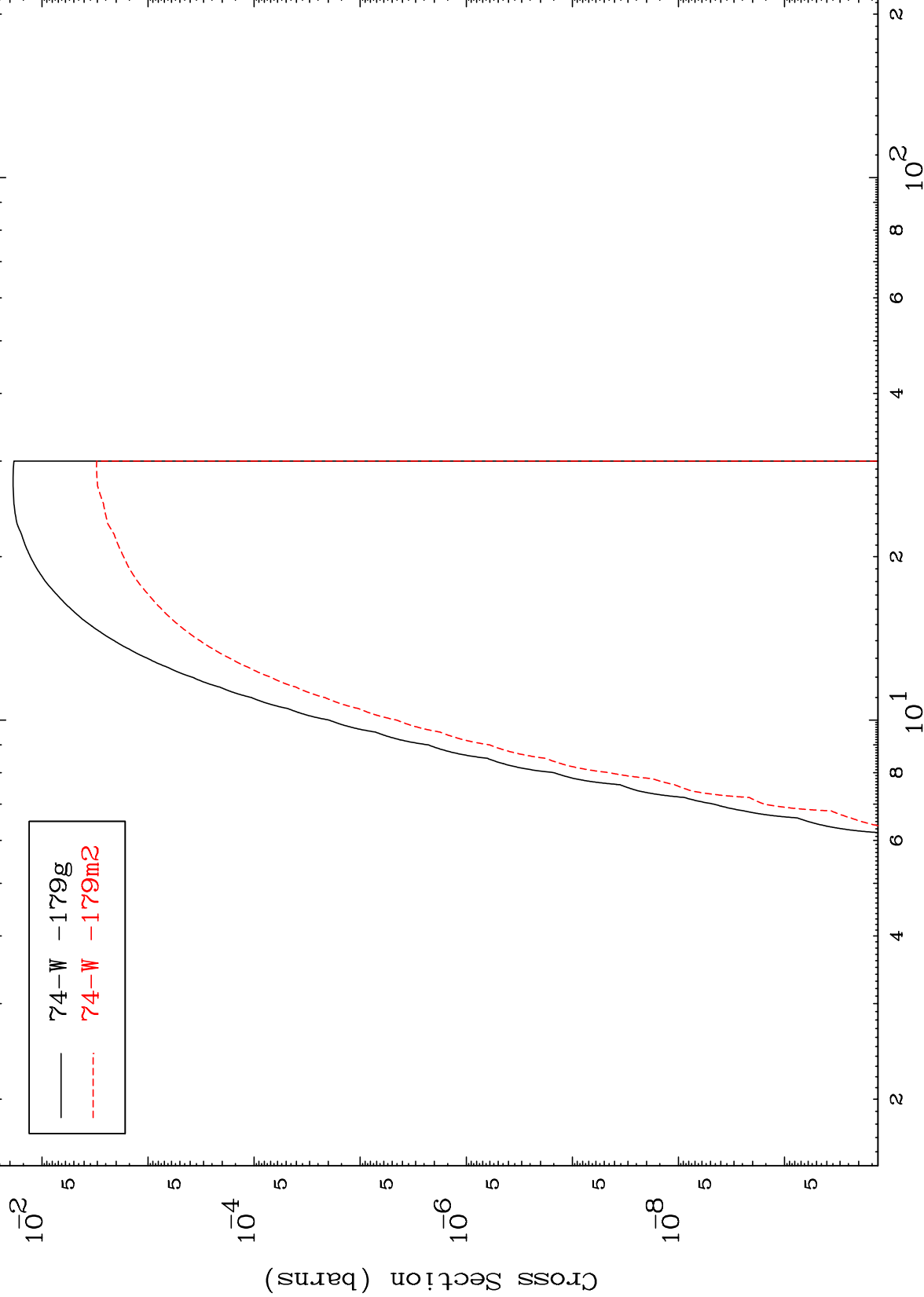
75-Re-180

MAT 7510

(n,d)

75-Re-180

Radionuclide Production Cross Section



127

Incident Energy (MeV)

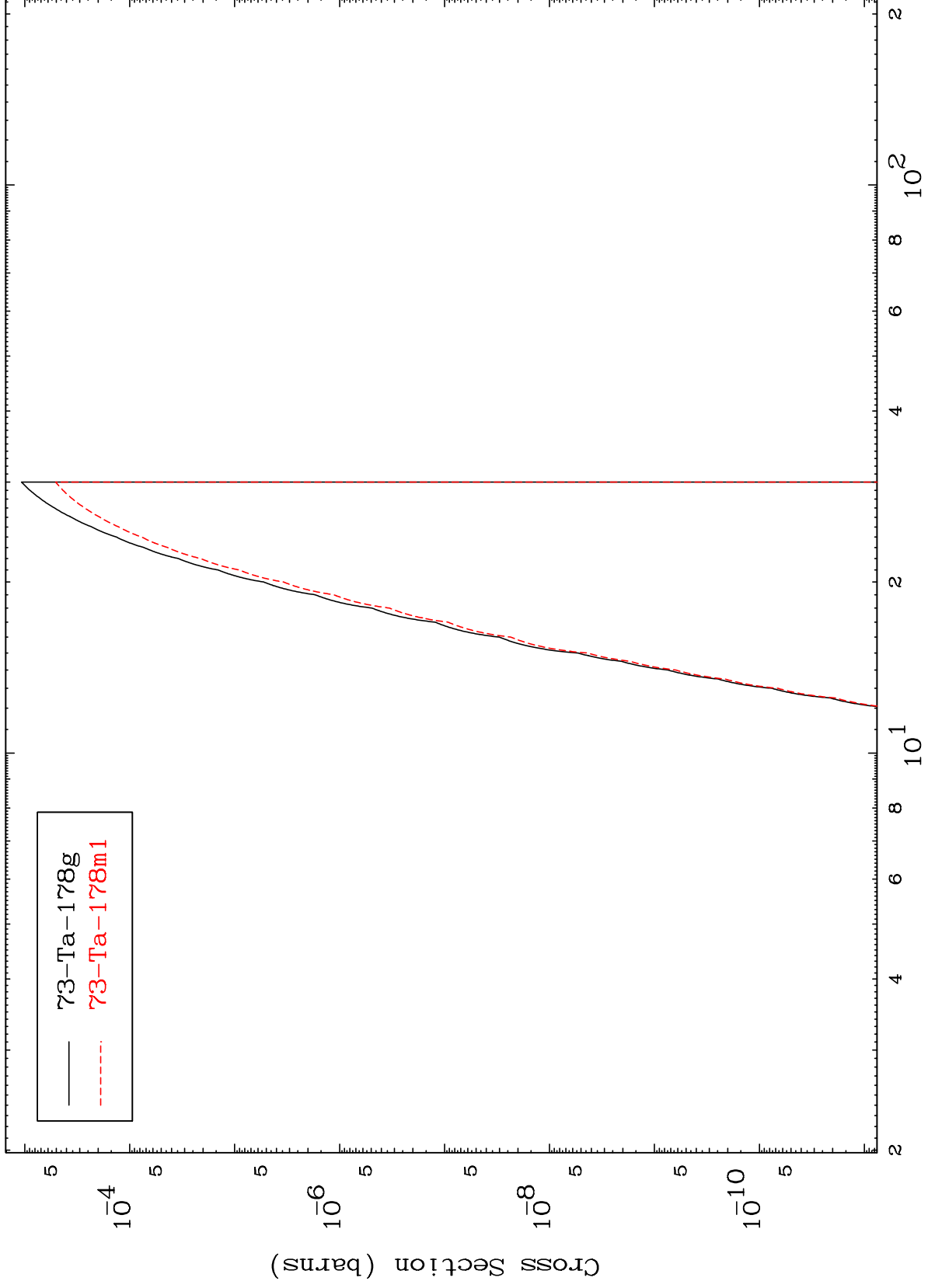
75-Re-180

MAT 7510

(n,He-3)

75-Re-180

Radionuclide Production Cross Section



128

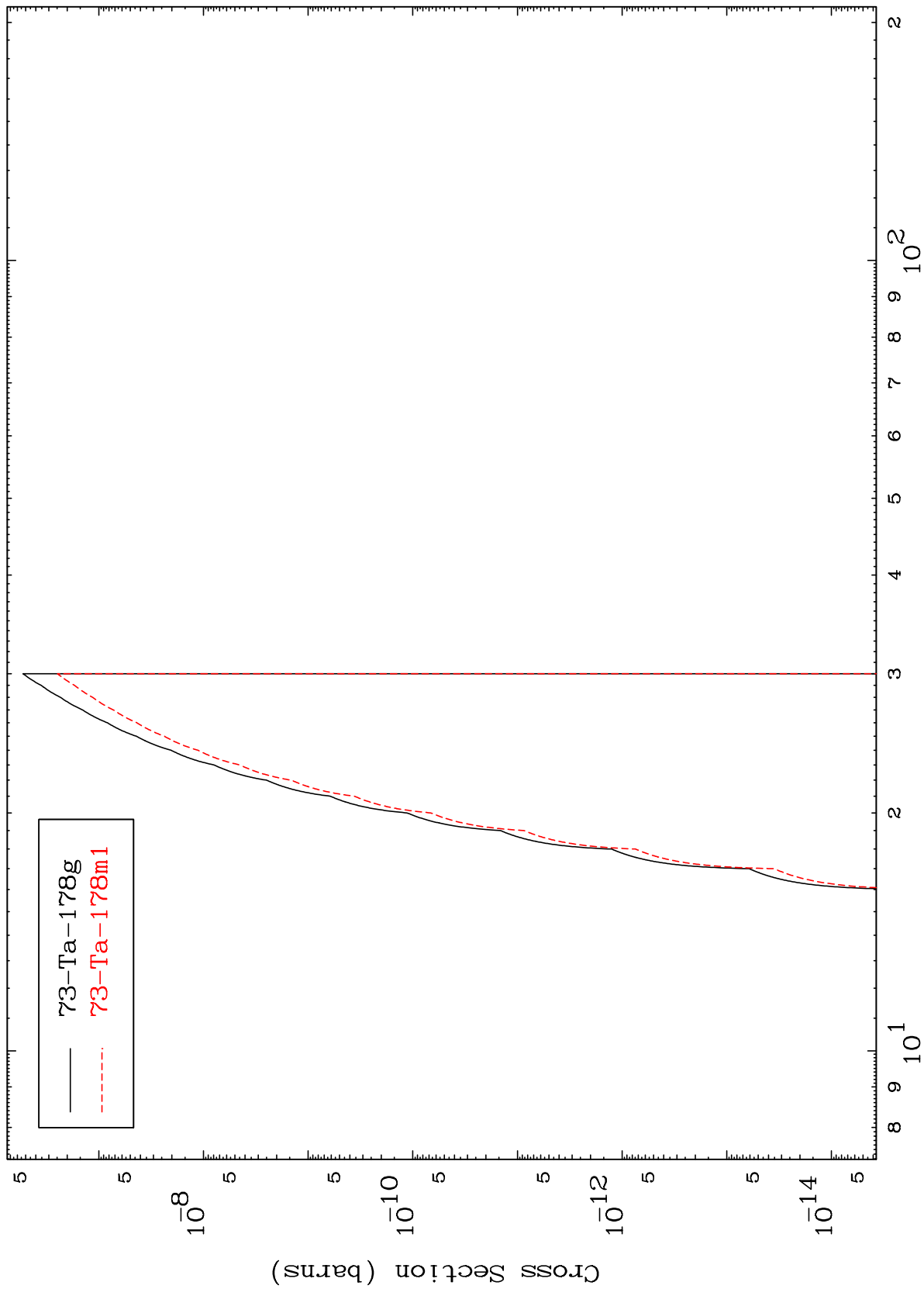
75-Re-180

MAT 7510

(n,p) d

75-Re-180

Radionuclide Production Cross Section



129

Incident Energy (MeV)

75-Re-180