

Program EVALPLOT
(Version 2018-1)

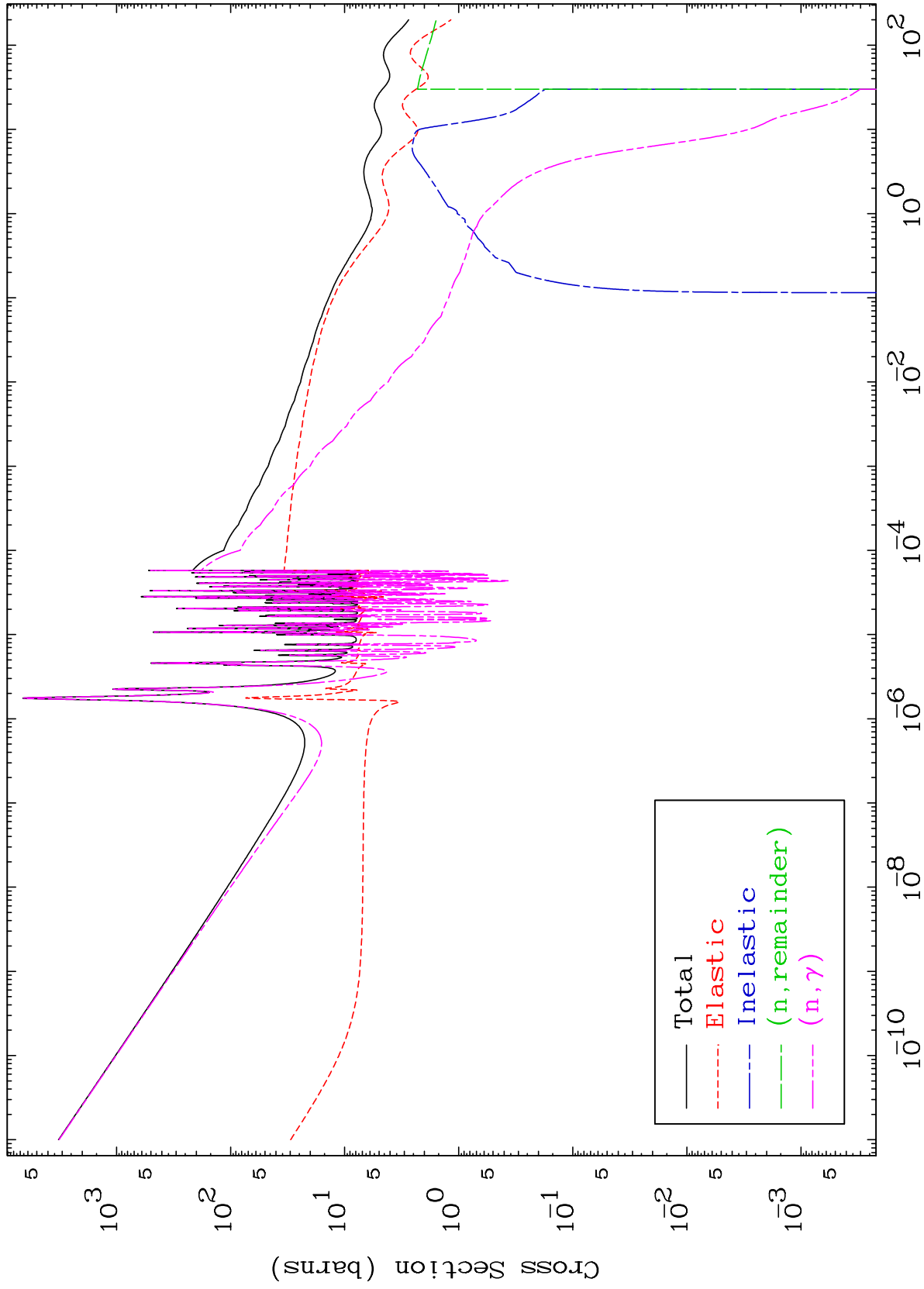
by

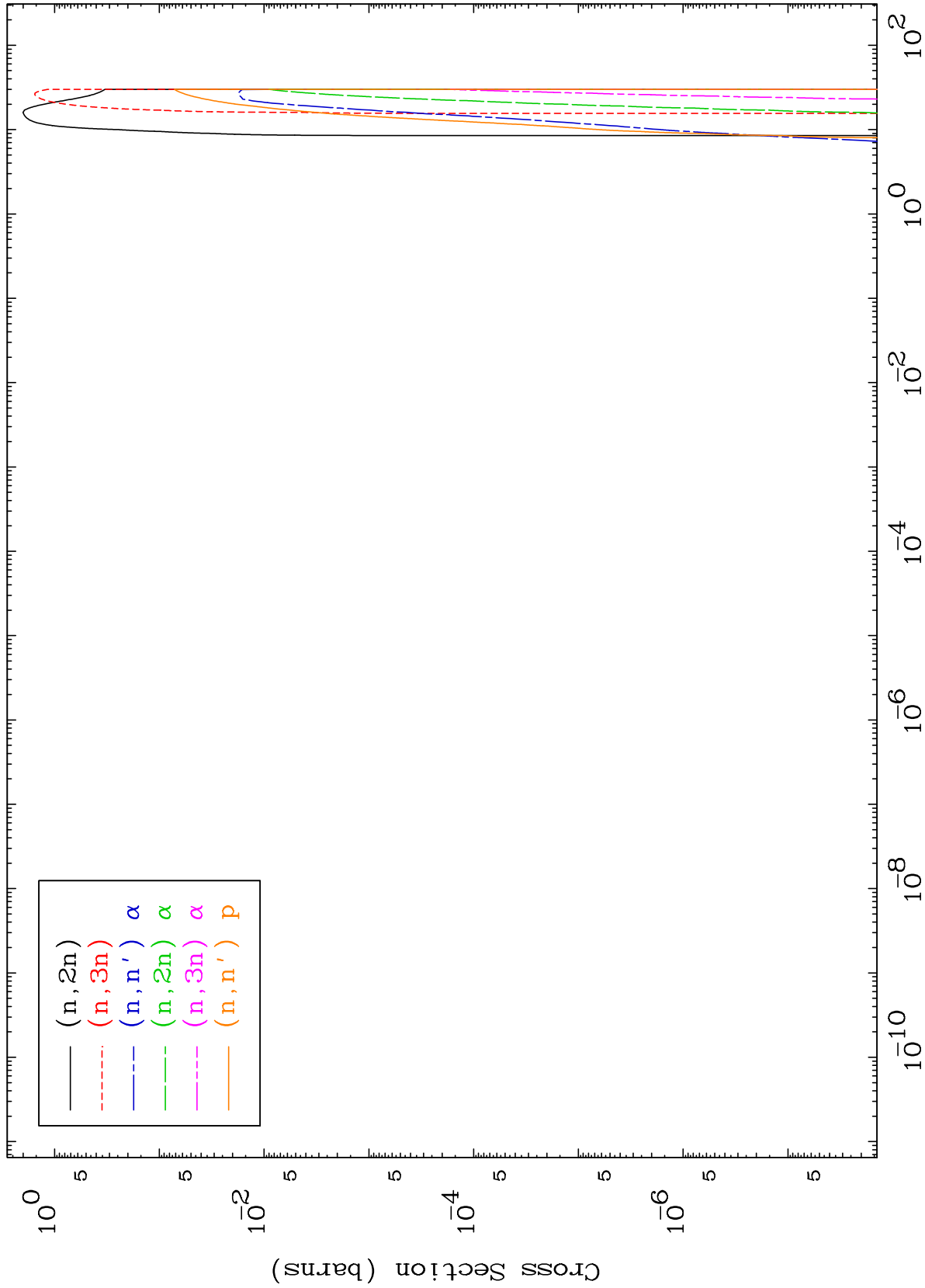
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

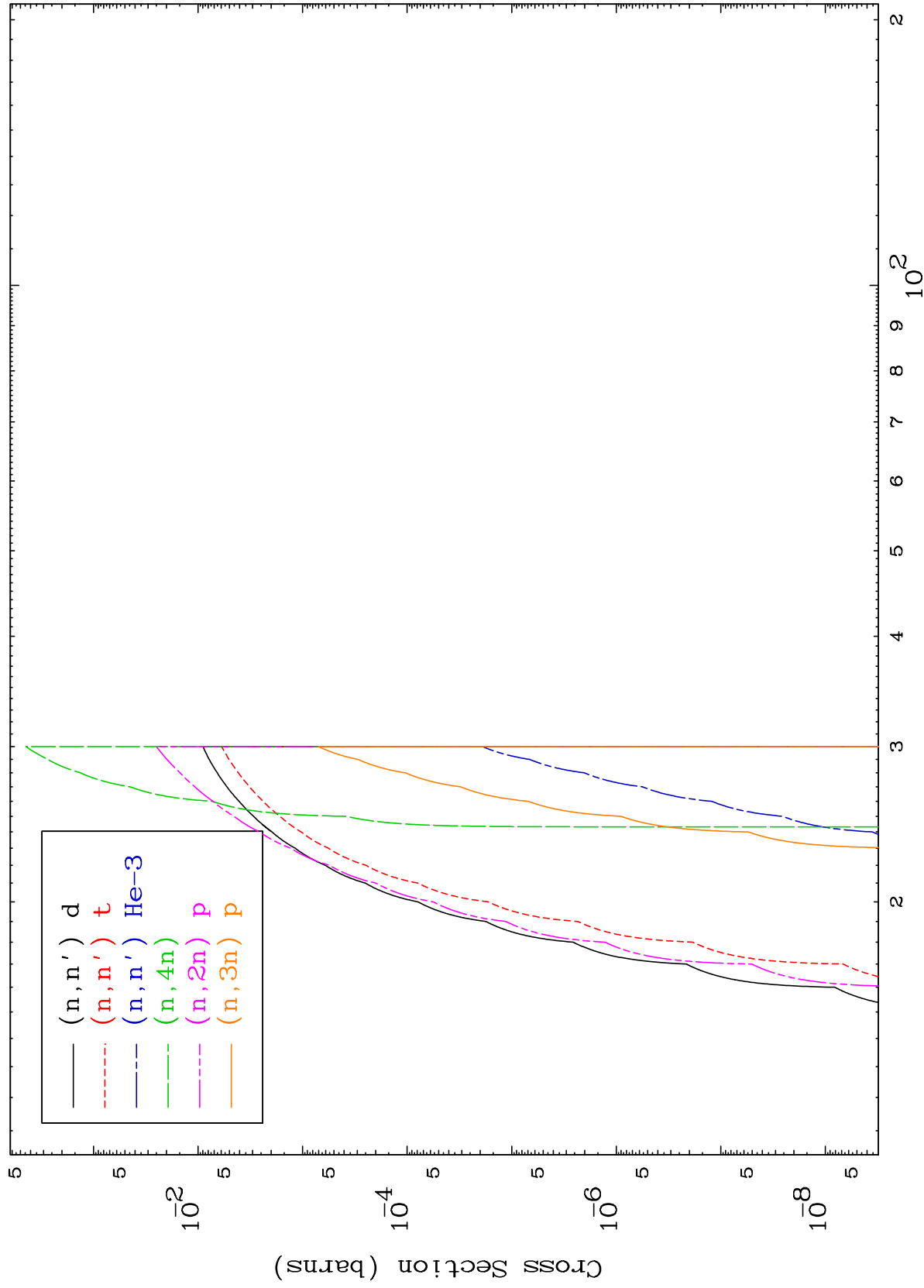
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



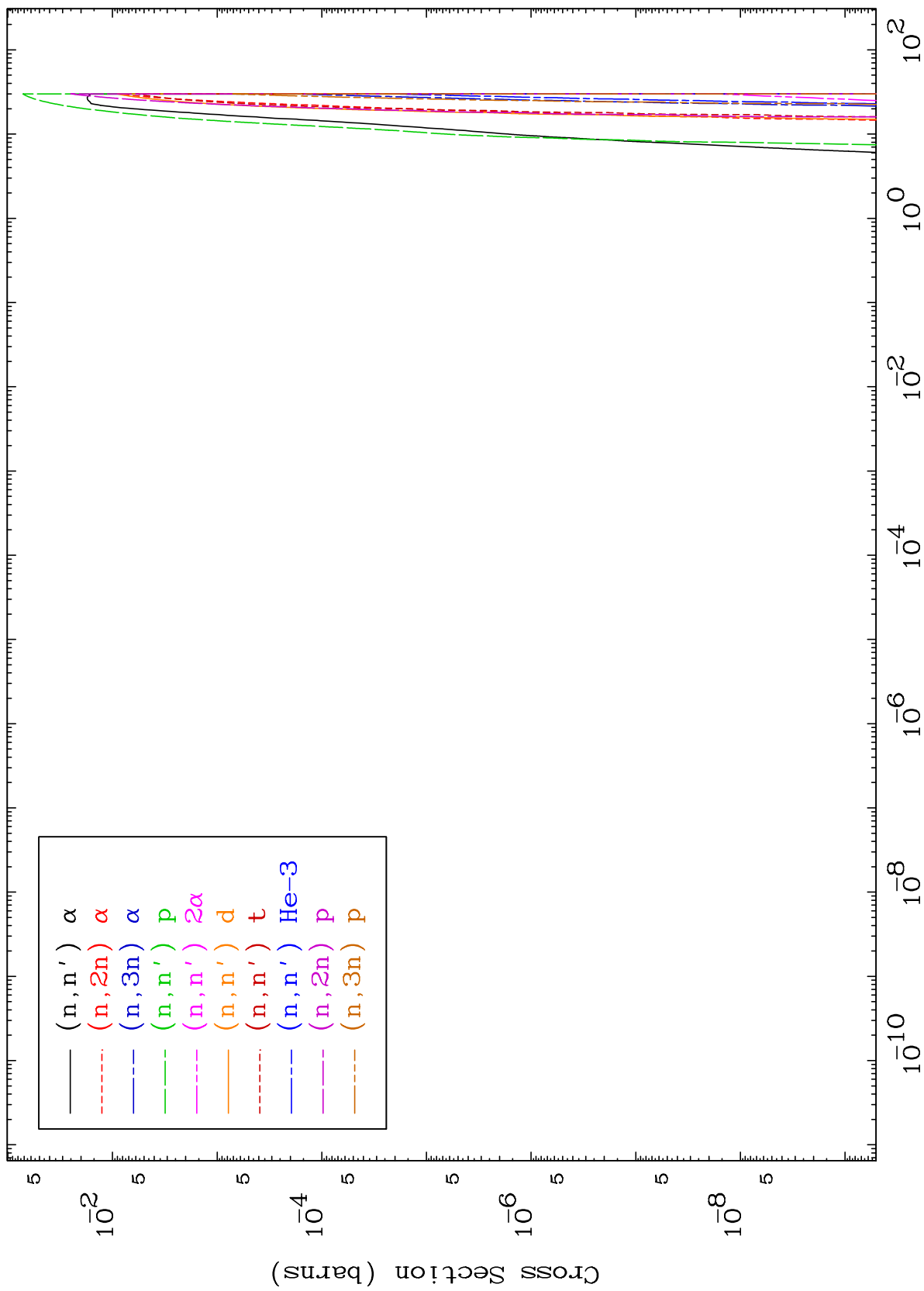




MAT 7519

Charged Particle
293 Kelvin Cross Sections

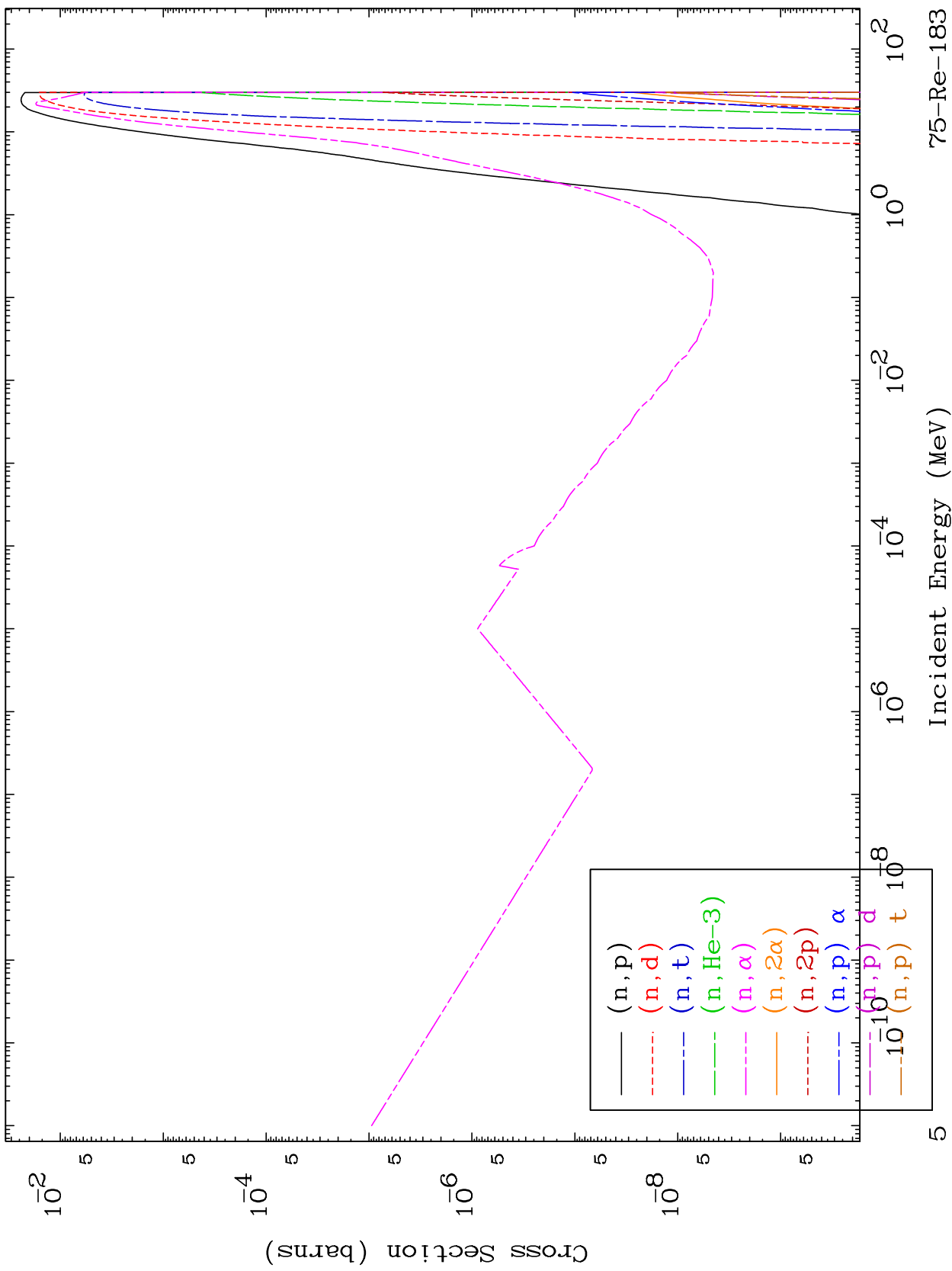
75-Re-183

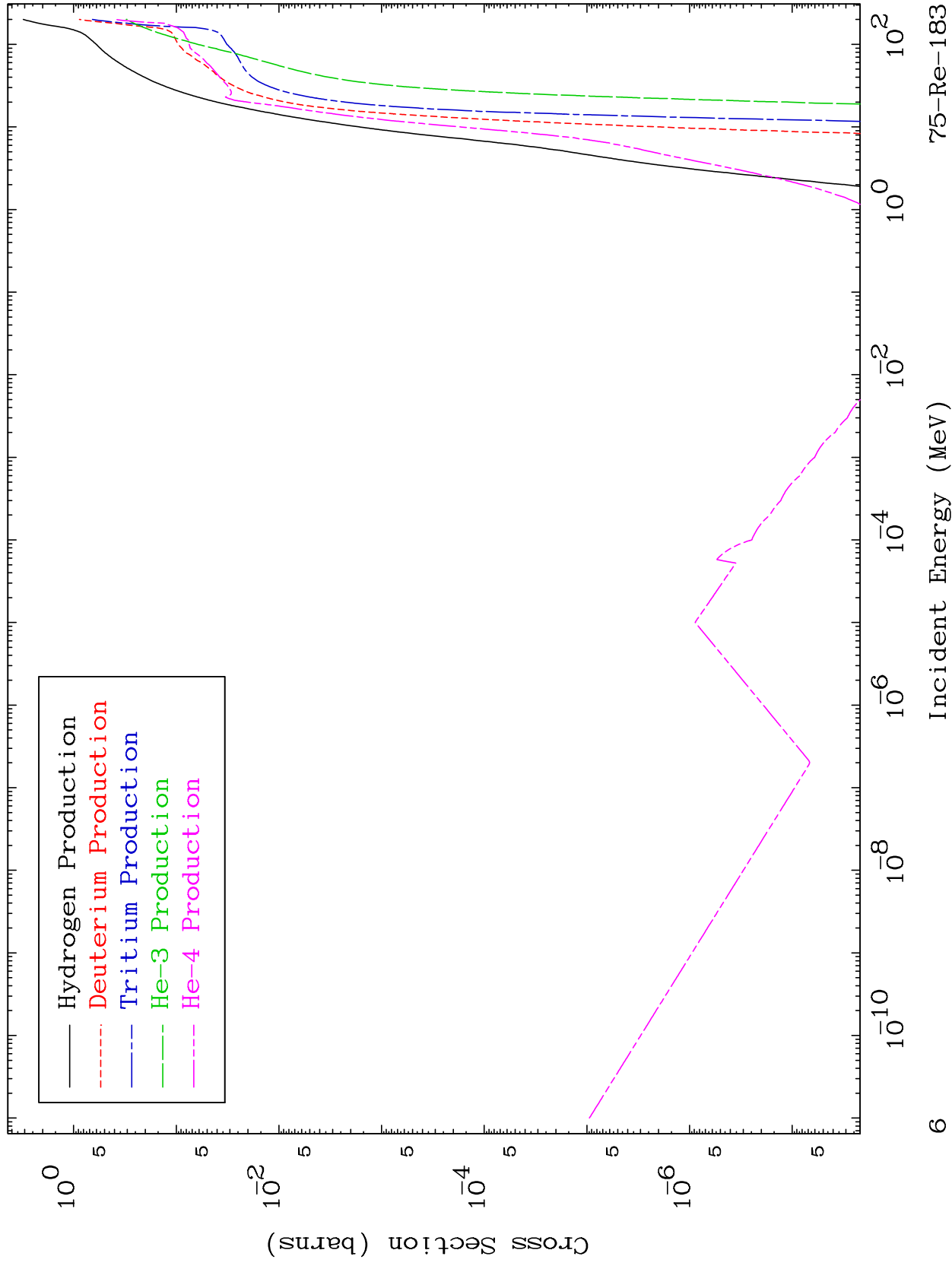


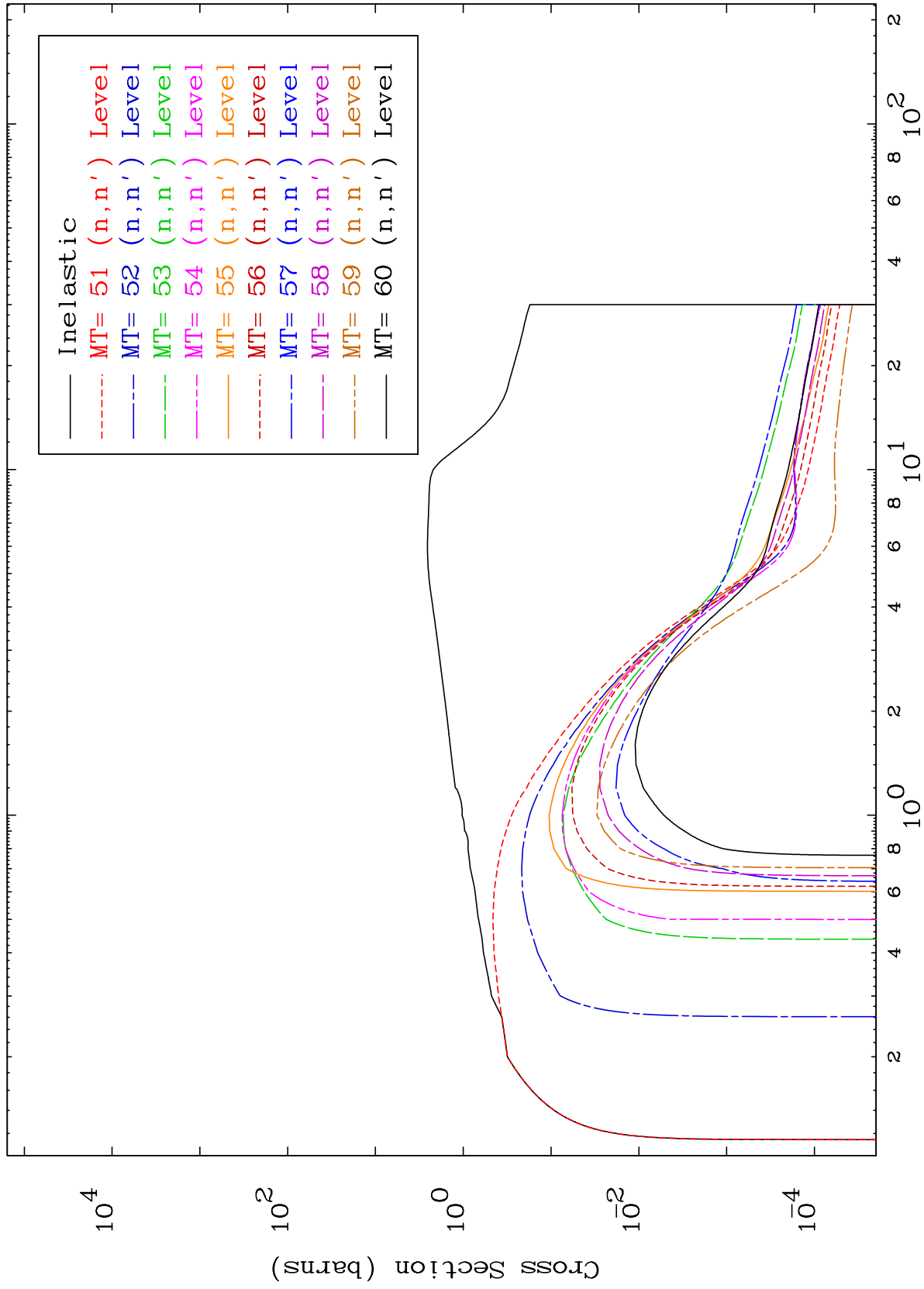
MAT 7519

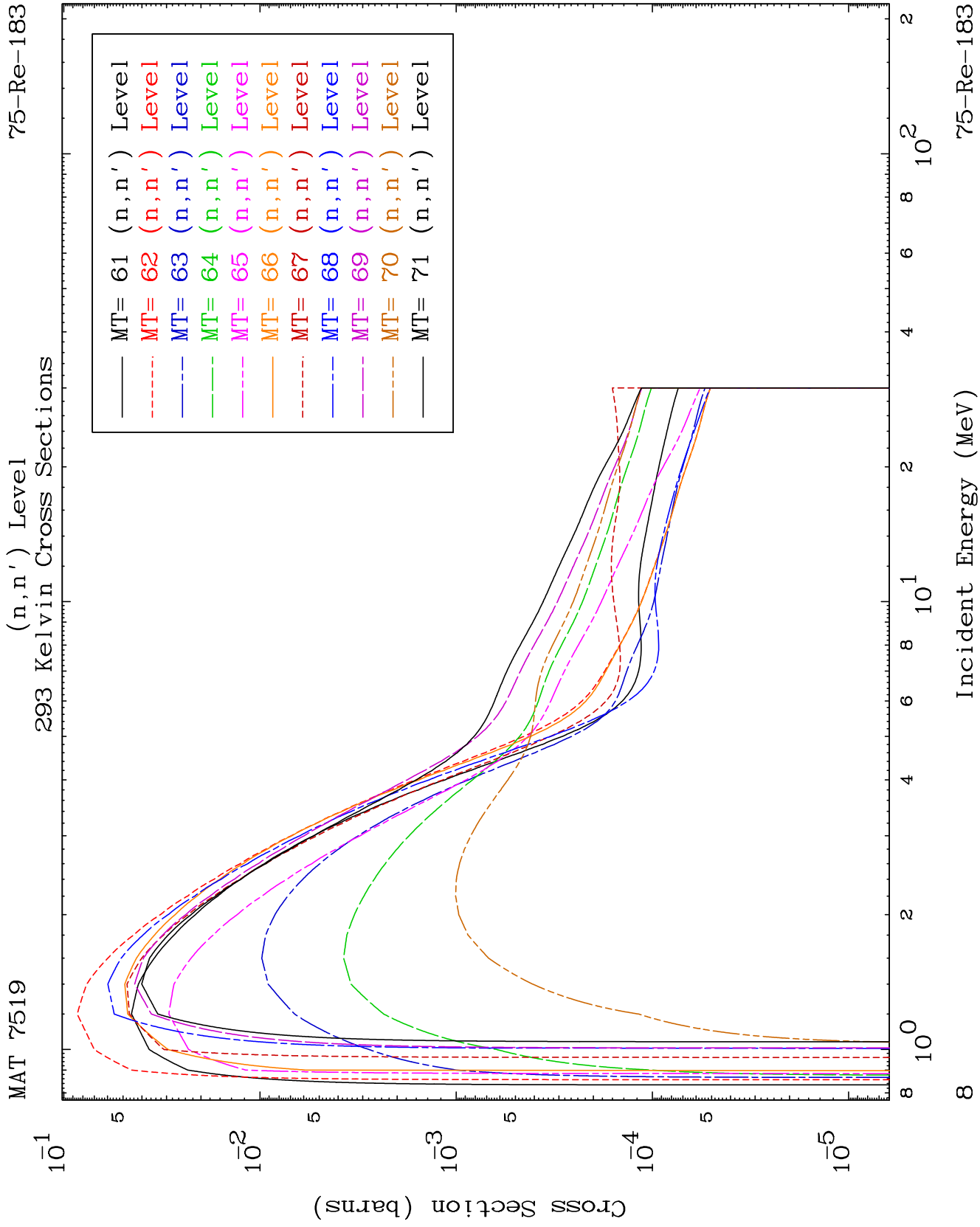
Charged Particle
293 Kelvin Cross Sections

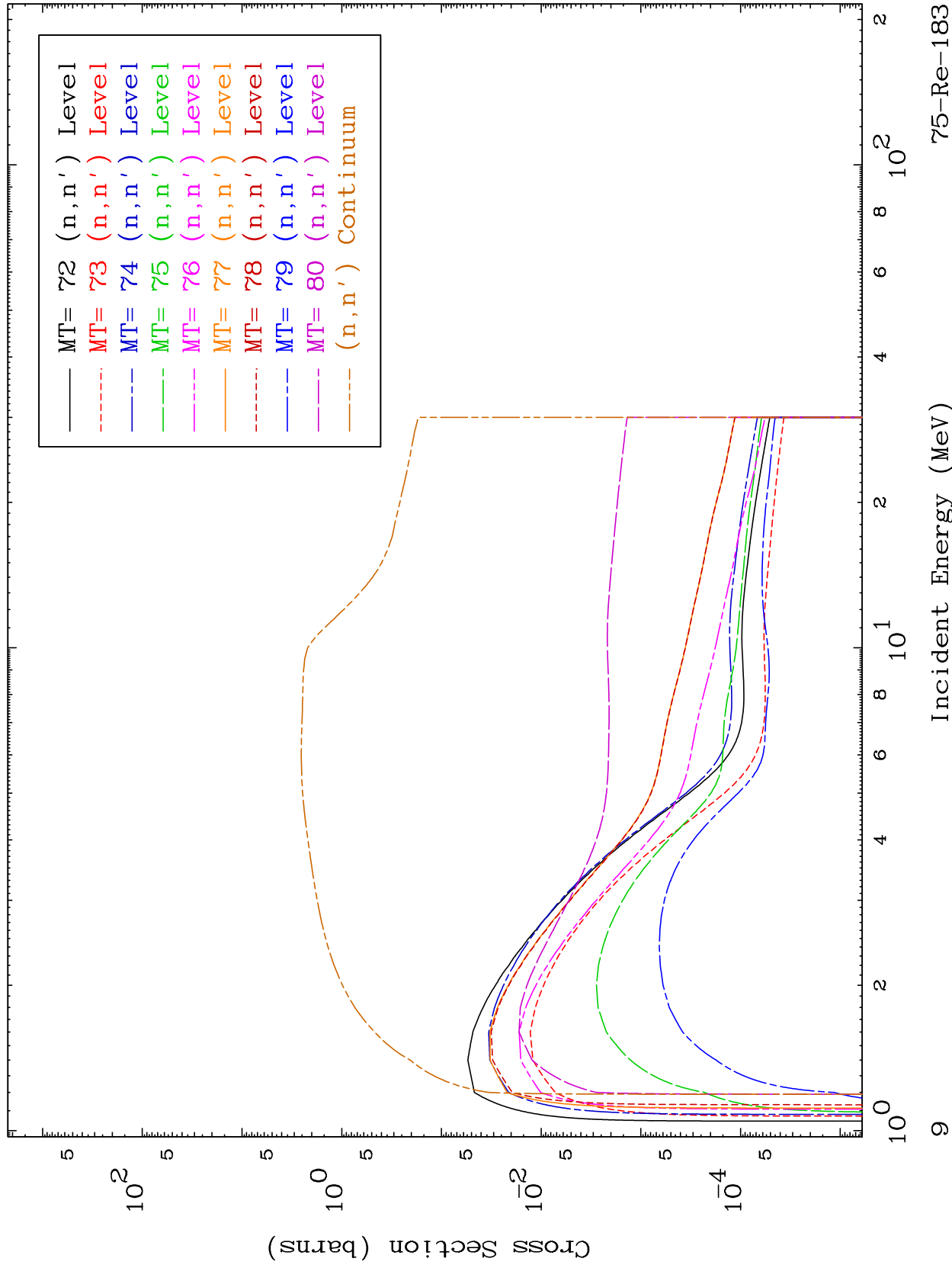
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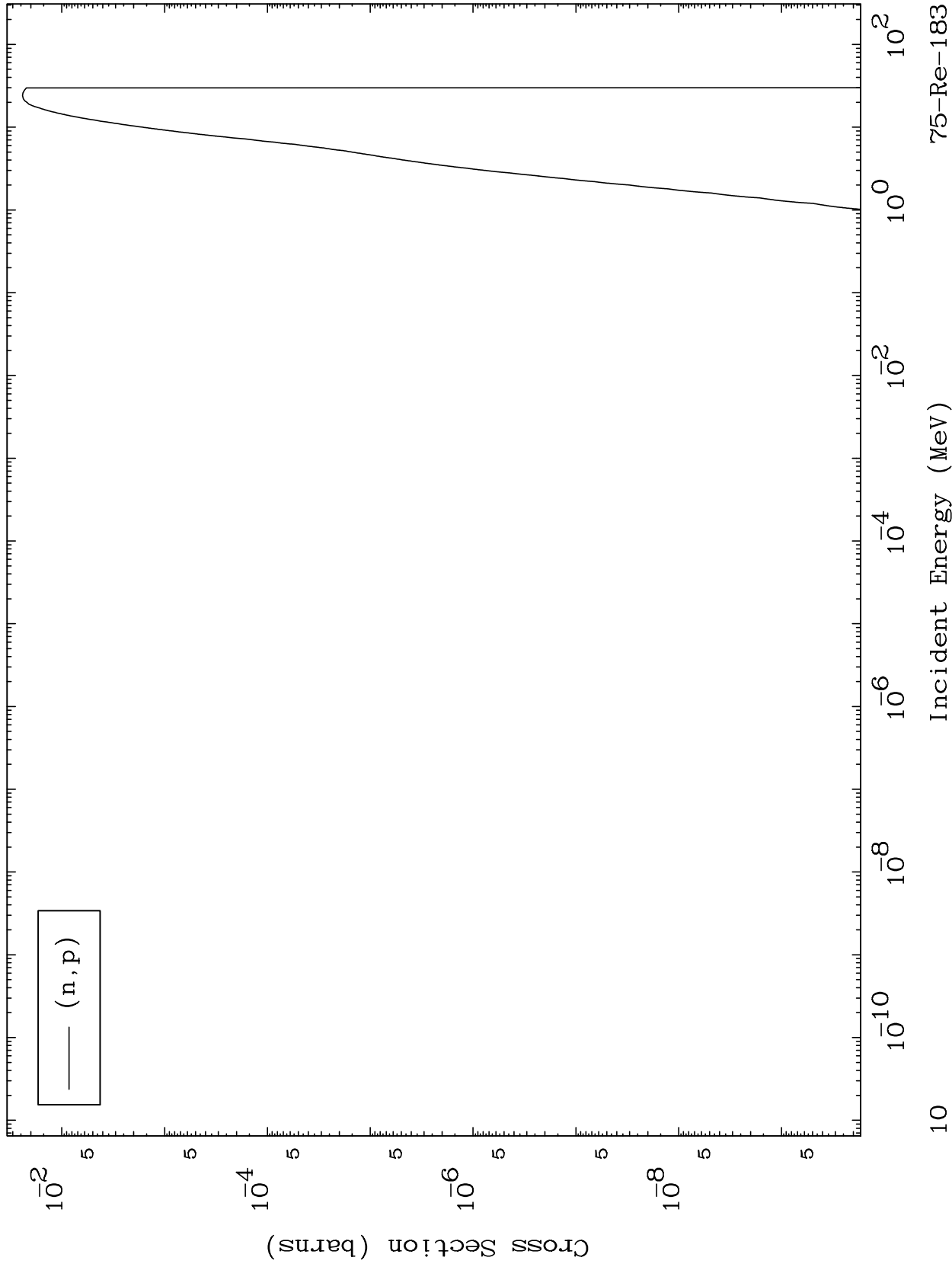




MAT 7519

(n,p) Levels
293 Kelvin Cross Sections

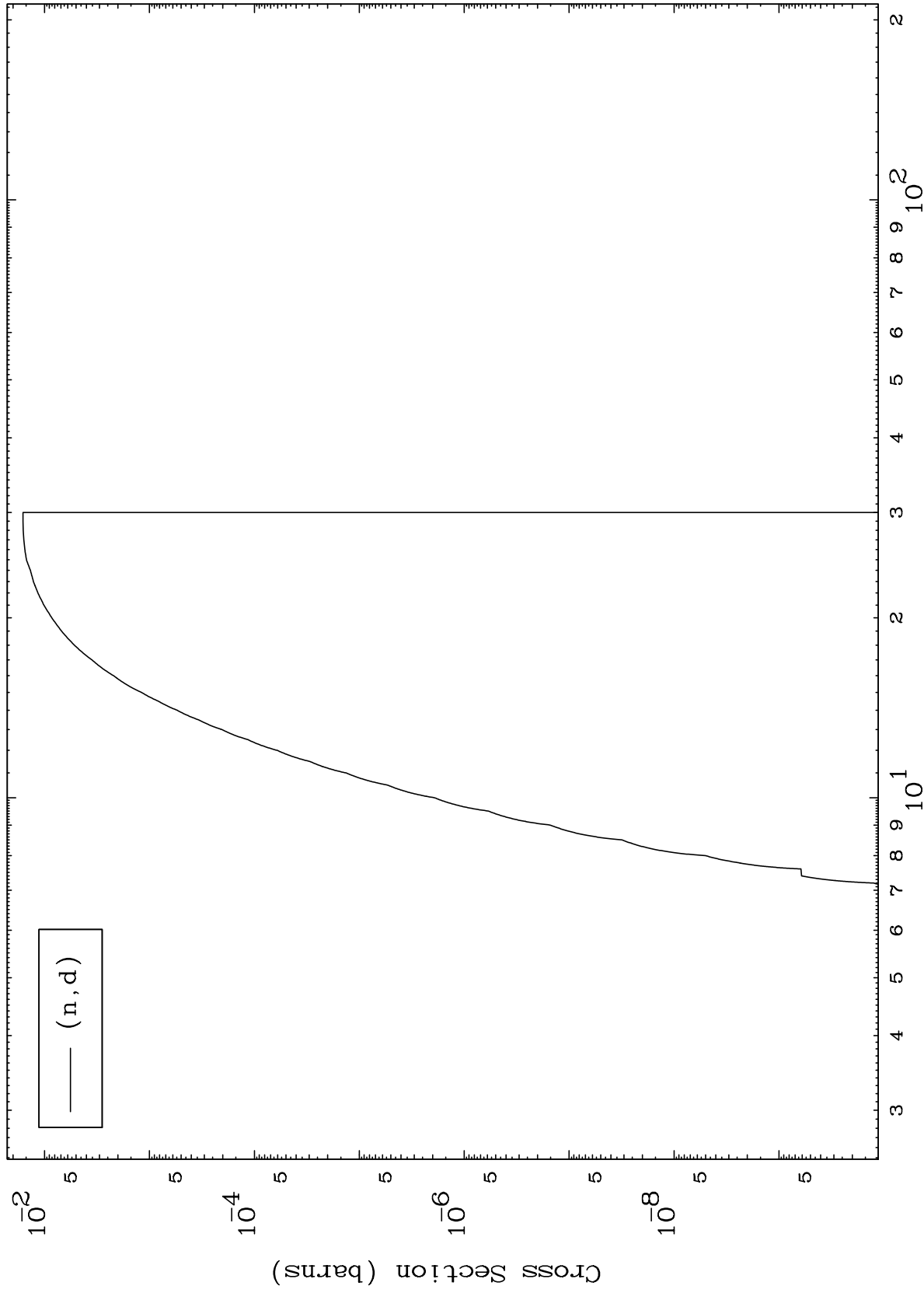
75-Re-183



MAT 7519

75-Re-183

(n,d) Levels
293 Kelvin Cross Sections



11

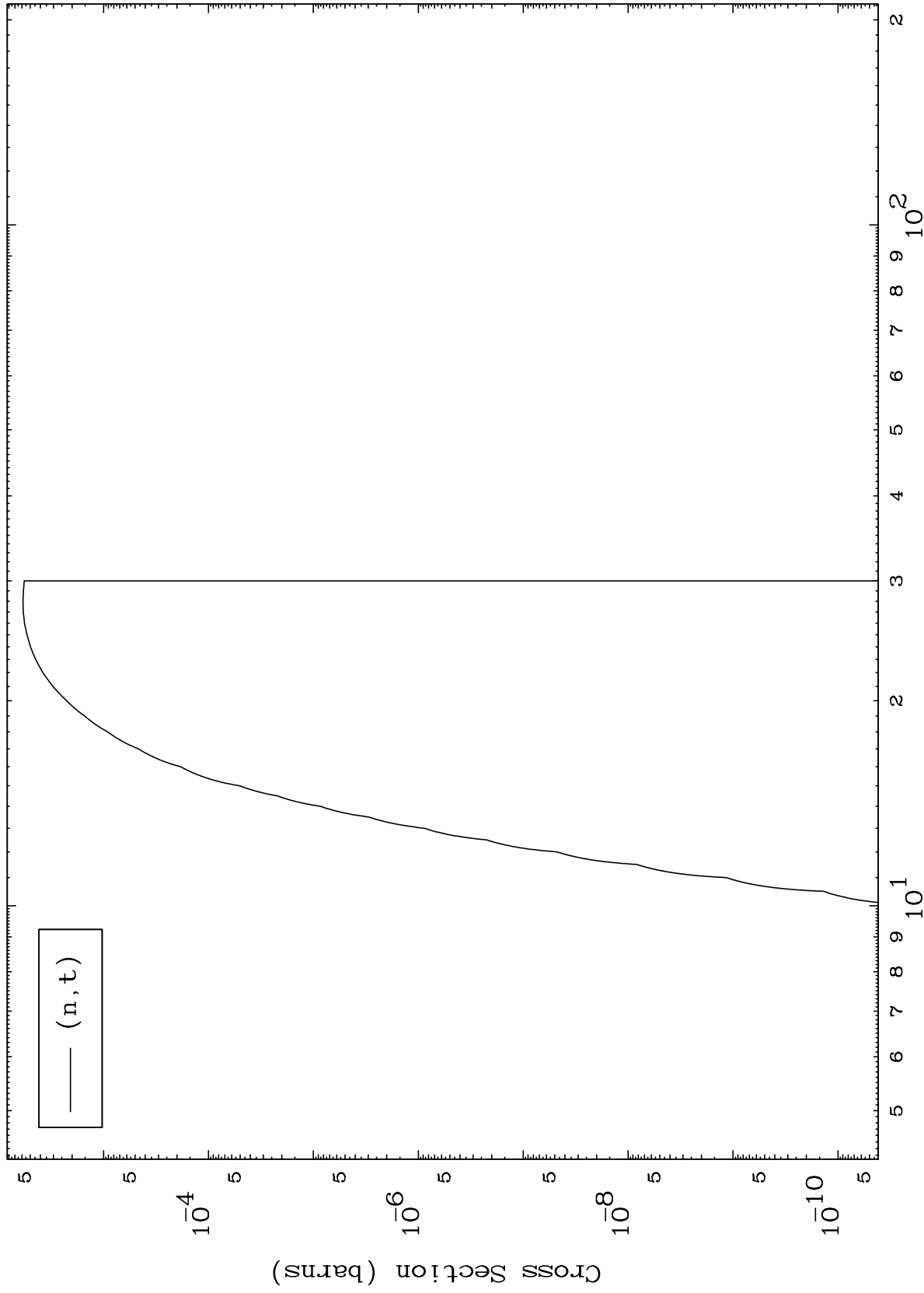
Incident Energy (MeV)

75-Re-183

MAT 7519

75-Re-183

(n,t) Levels
293 Kelvin Cross Sections



12

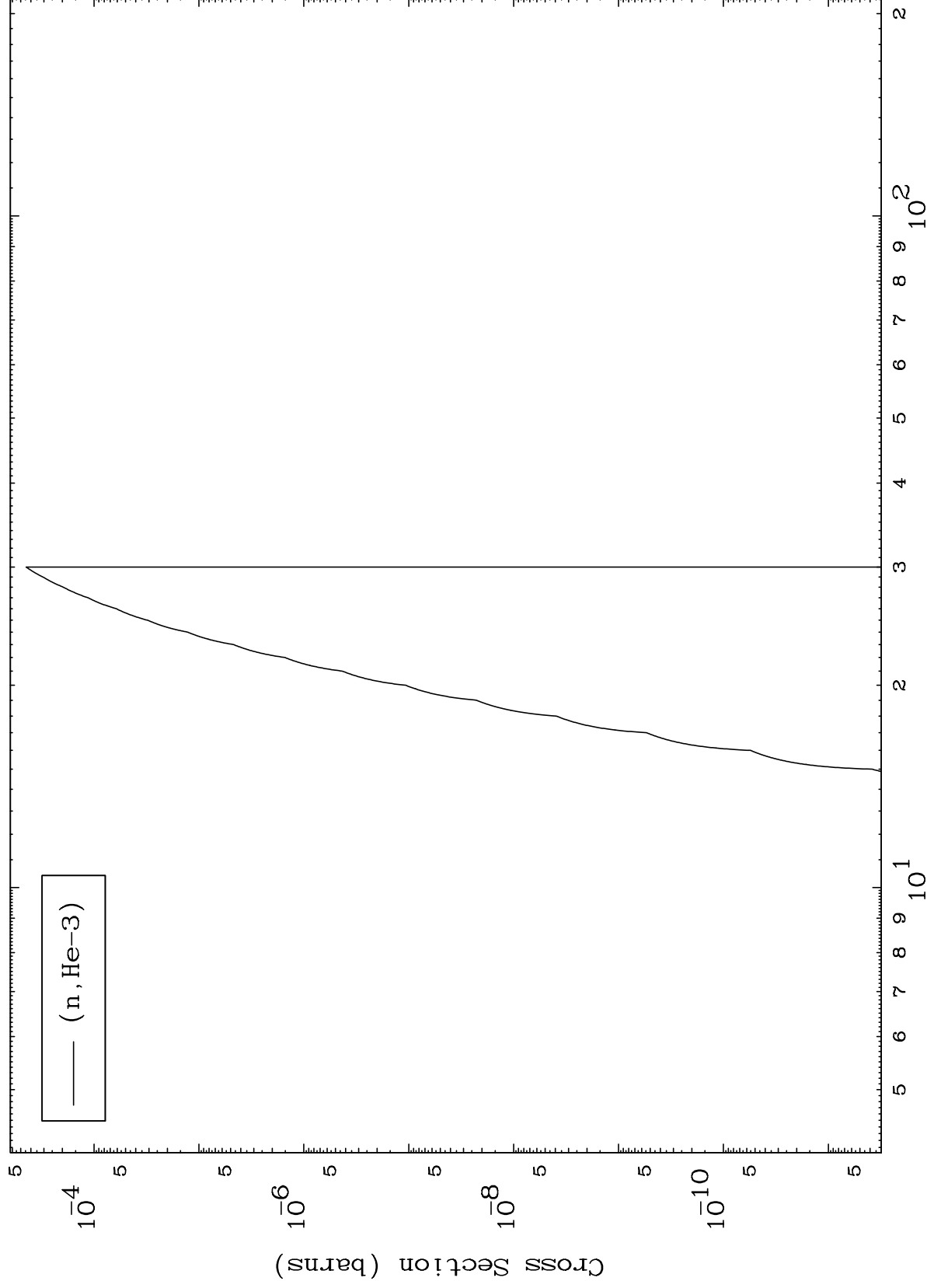
Incident Energy (MeV)

75-Re-183

MAT 7519

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-183



13

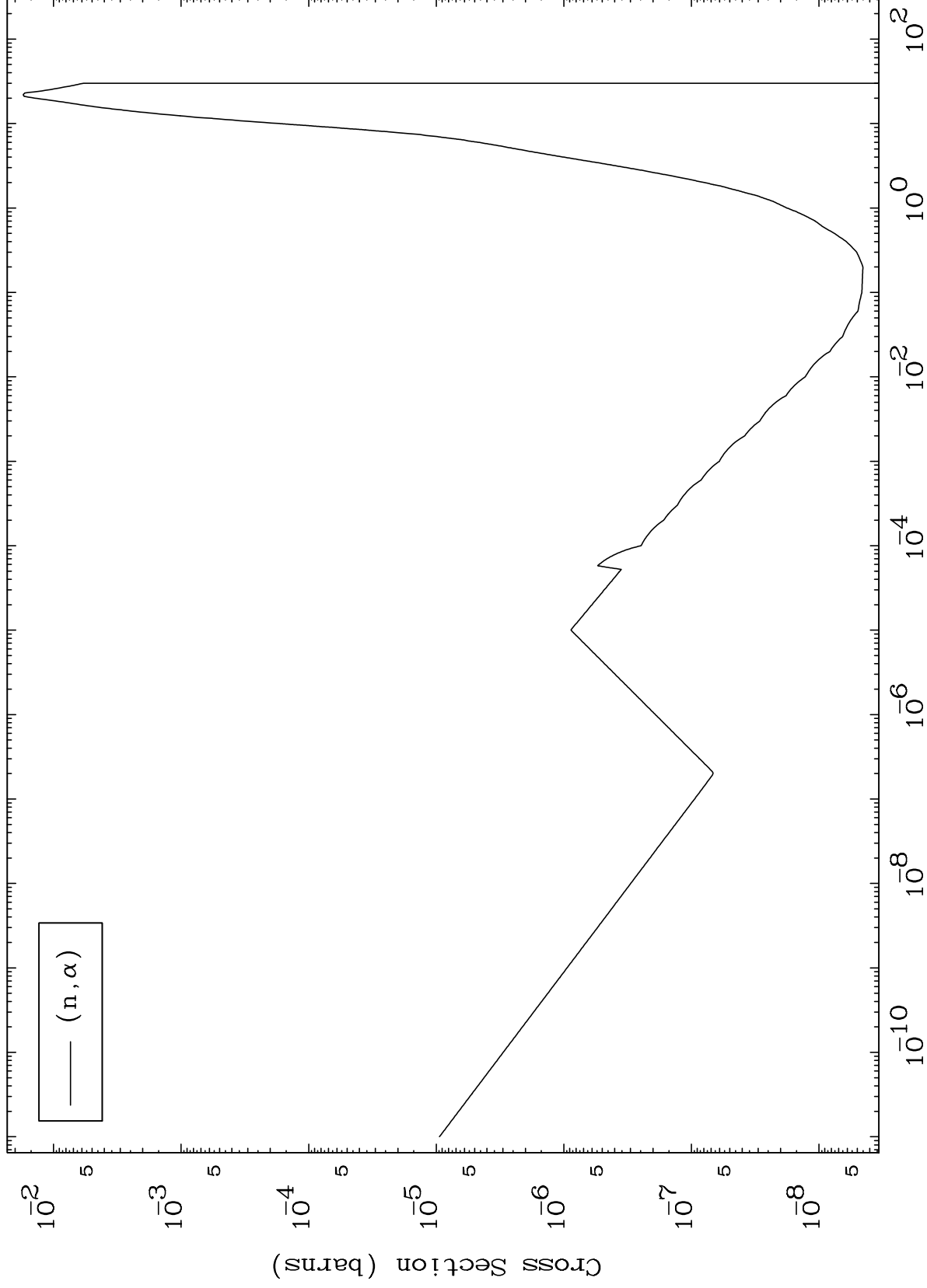
Incident Energy (MeV)

75-Re-183

MAT 7519

(n, α) Levels
293 Kelvin Cross Sections

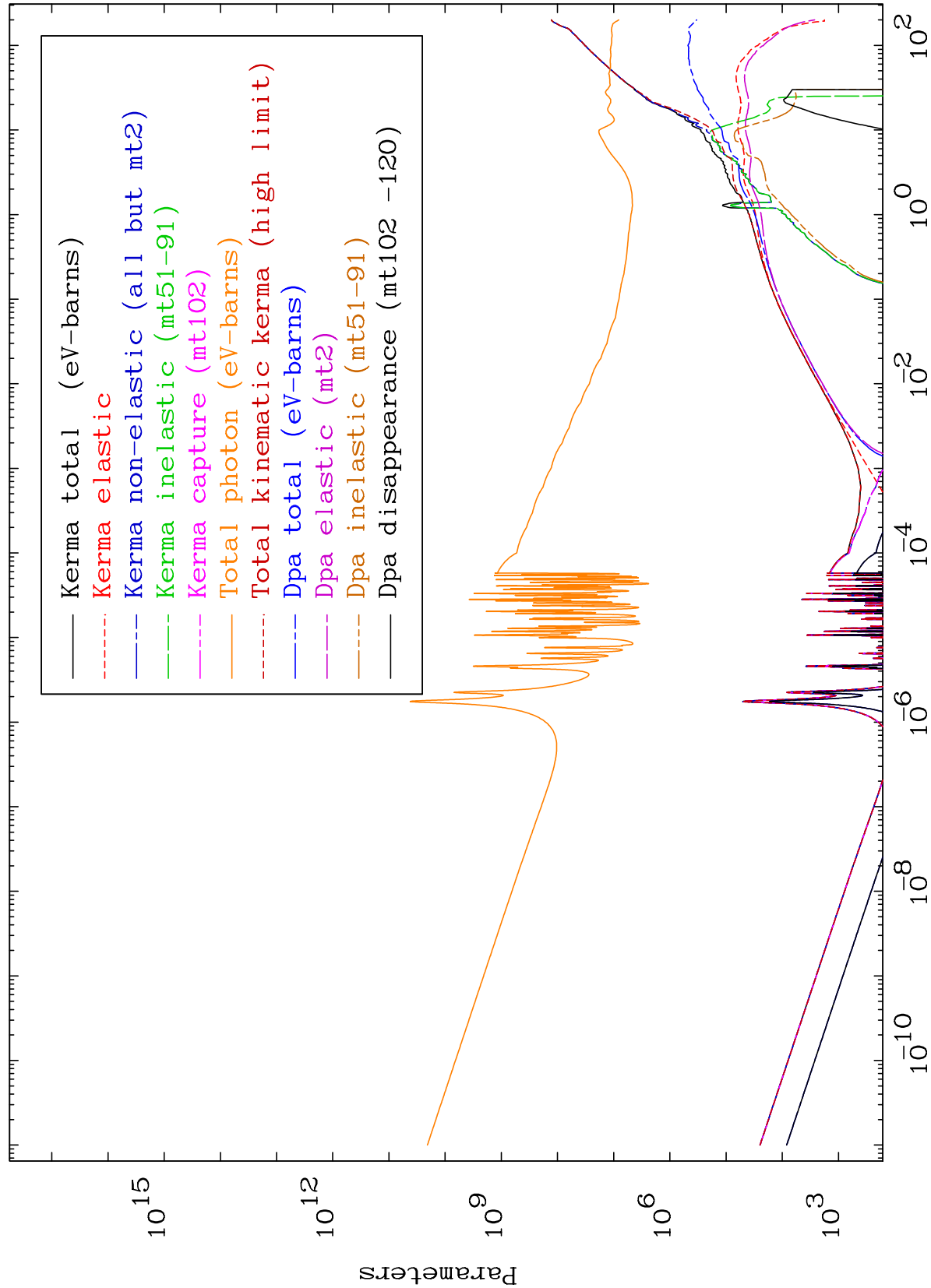
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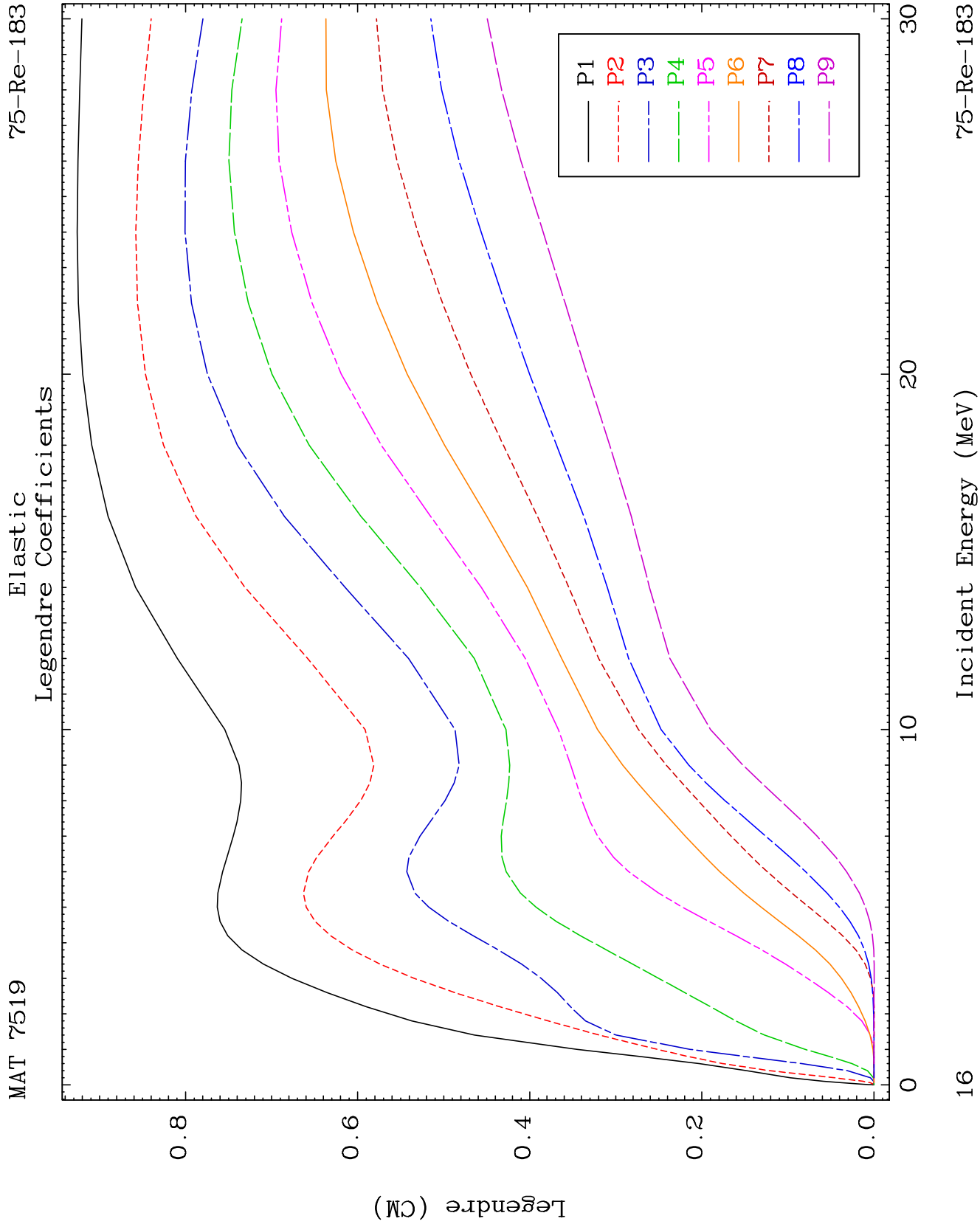


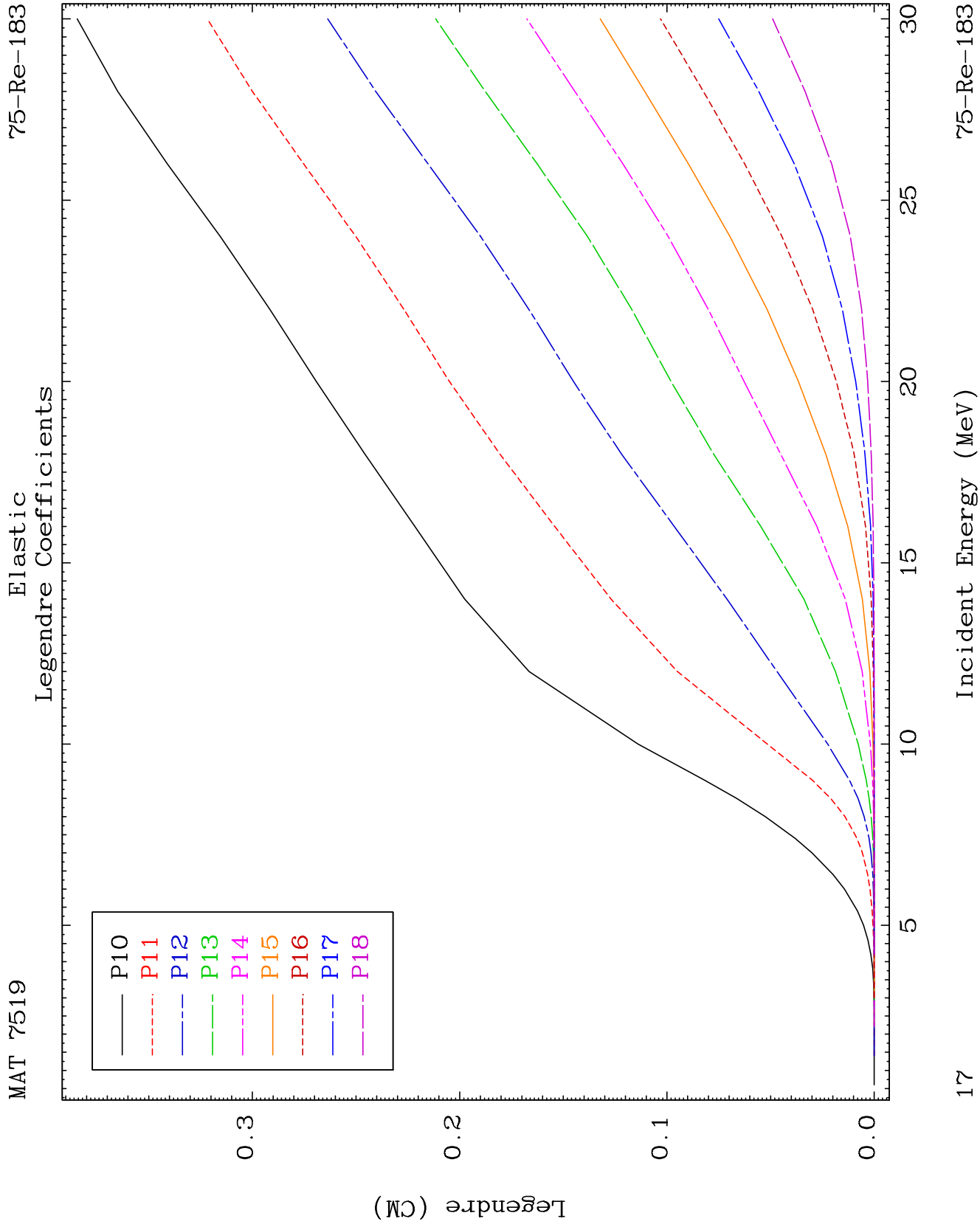
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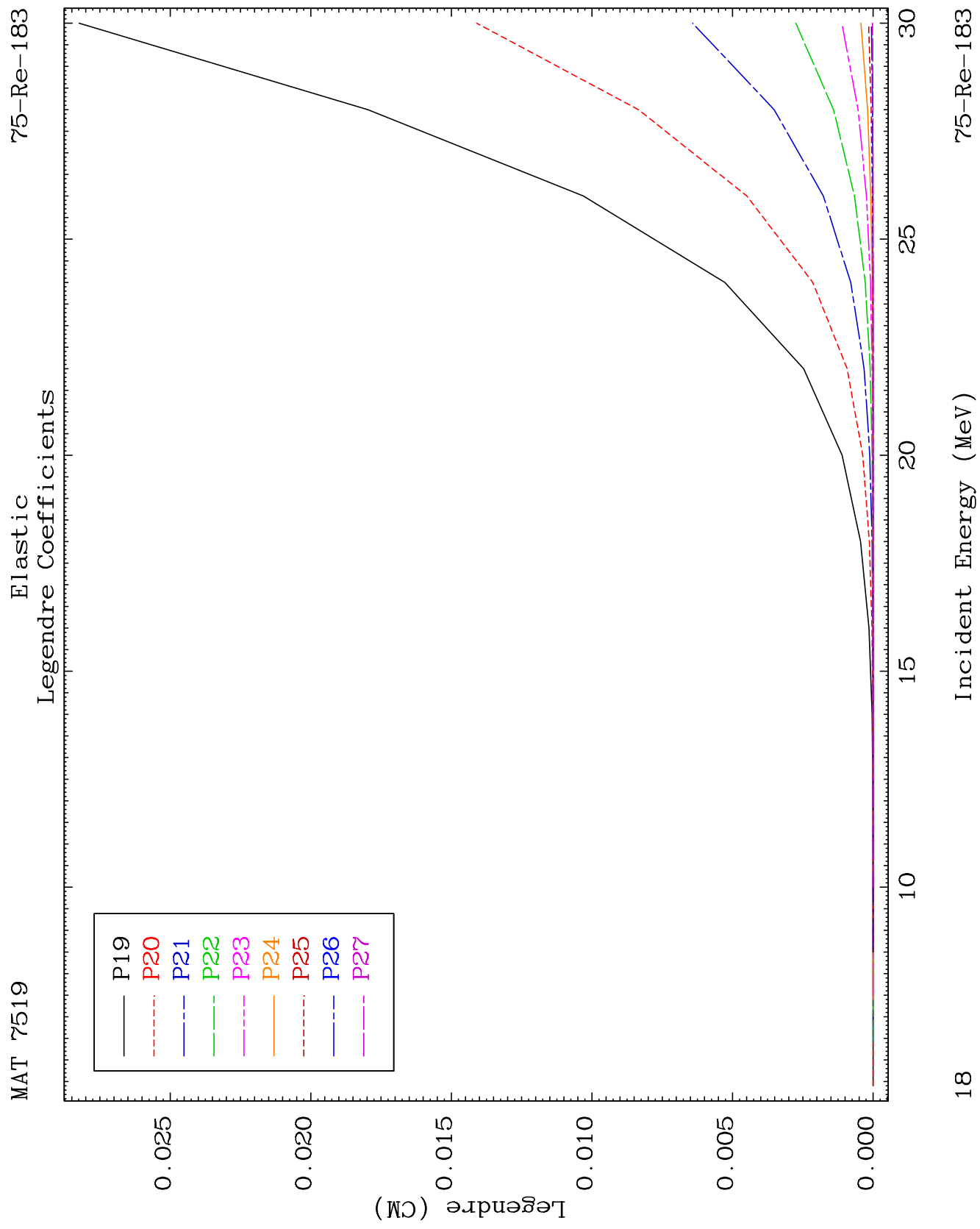
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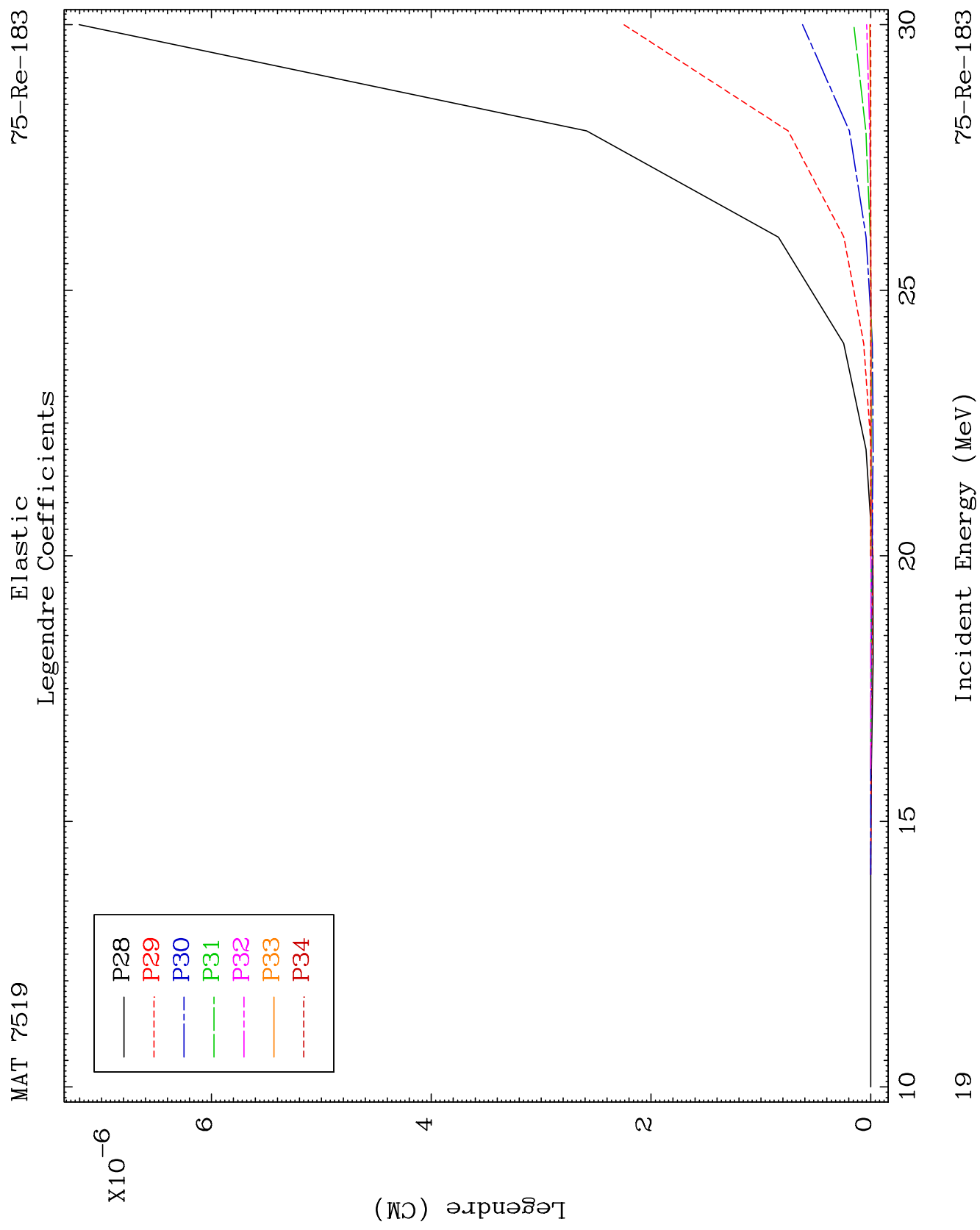
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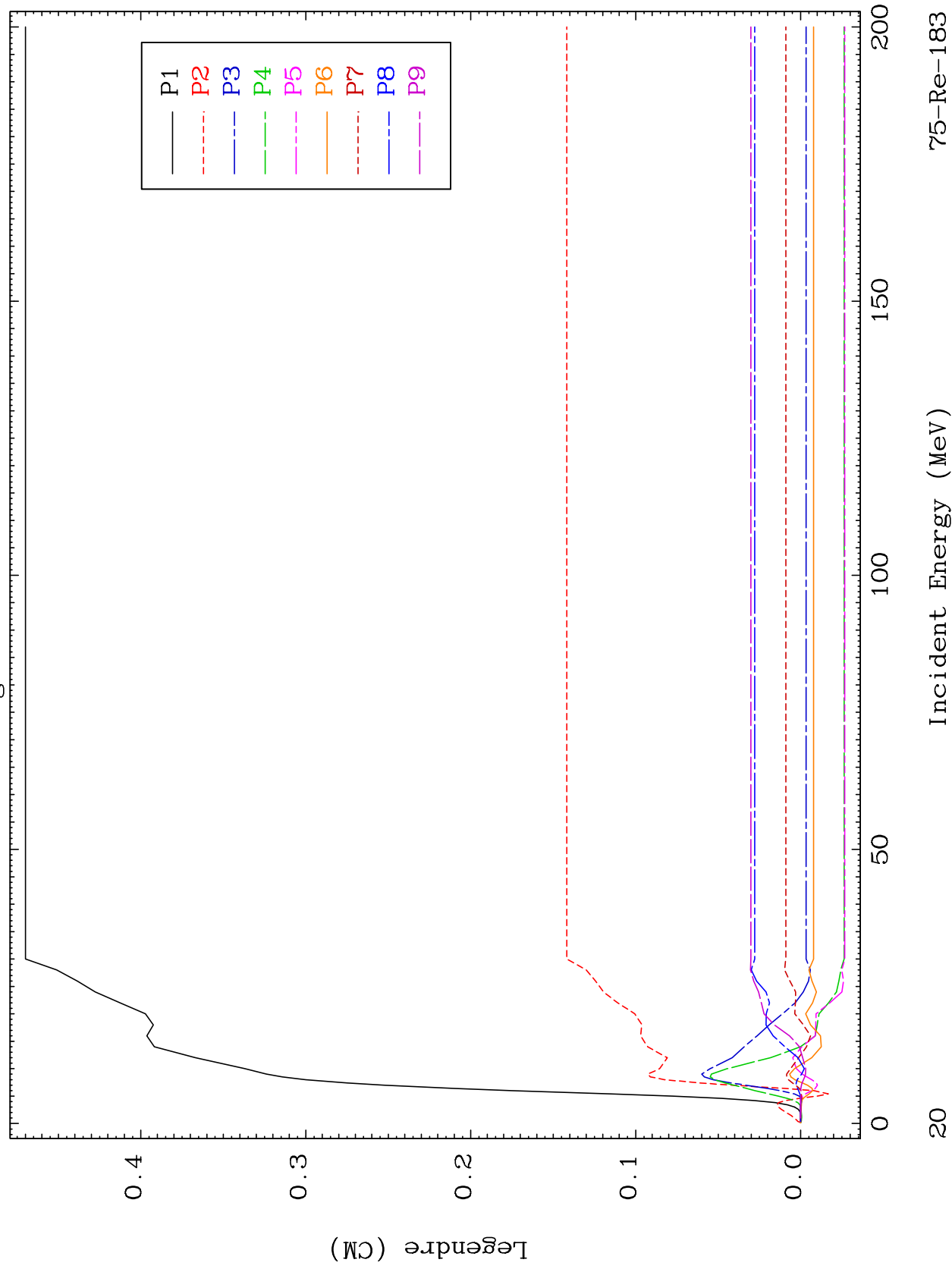


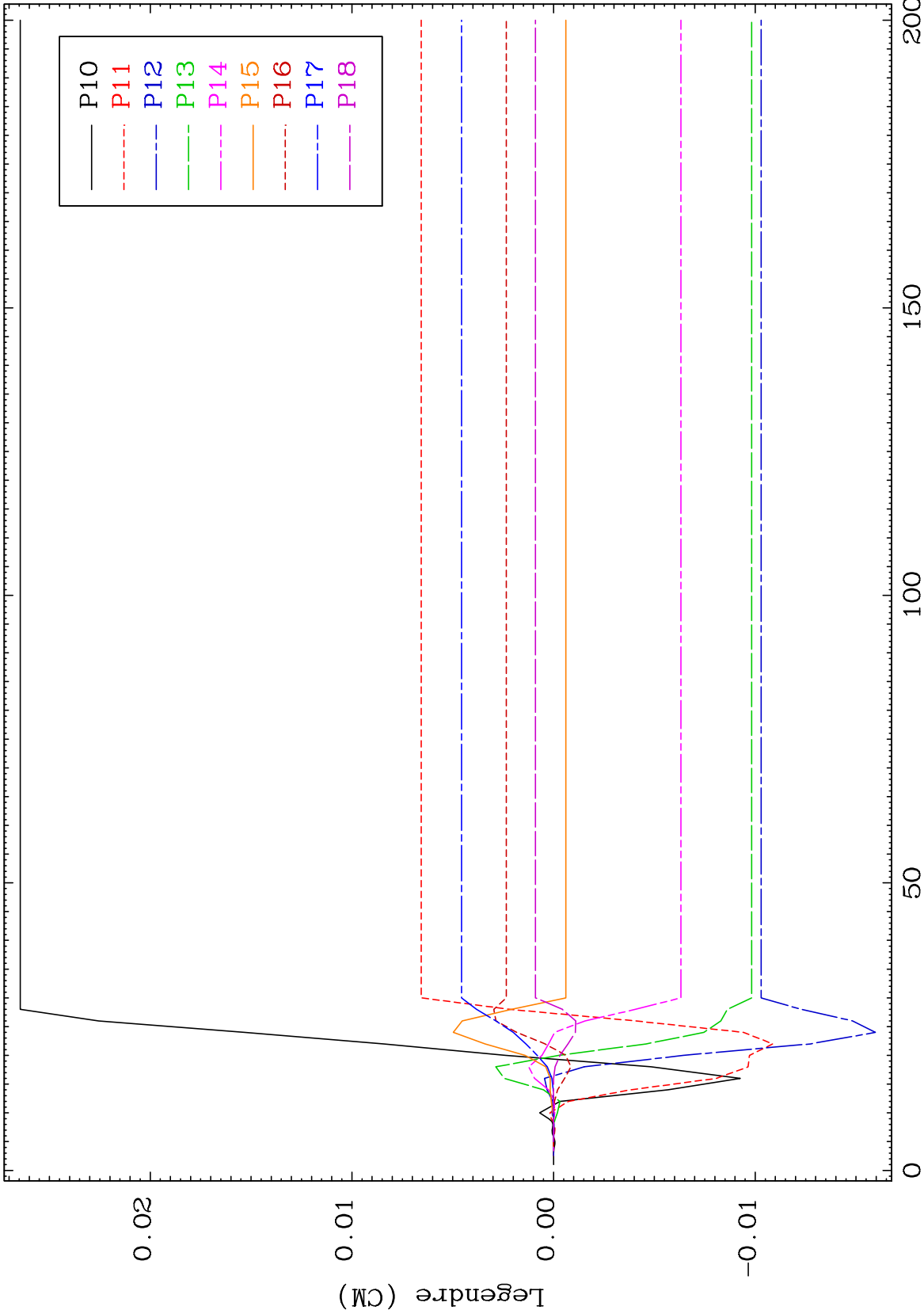


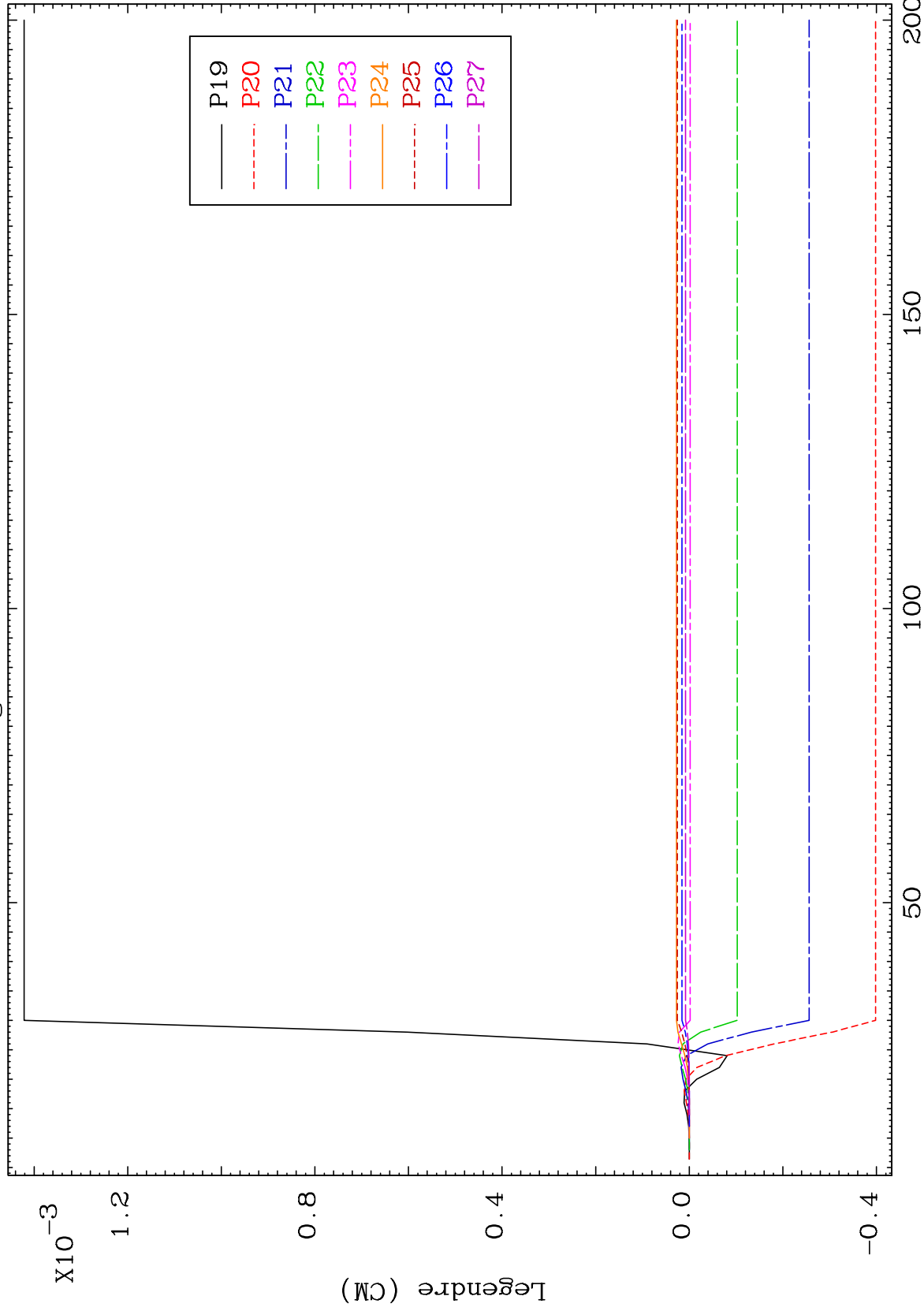
MAT 7519

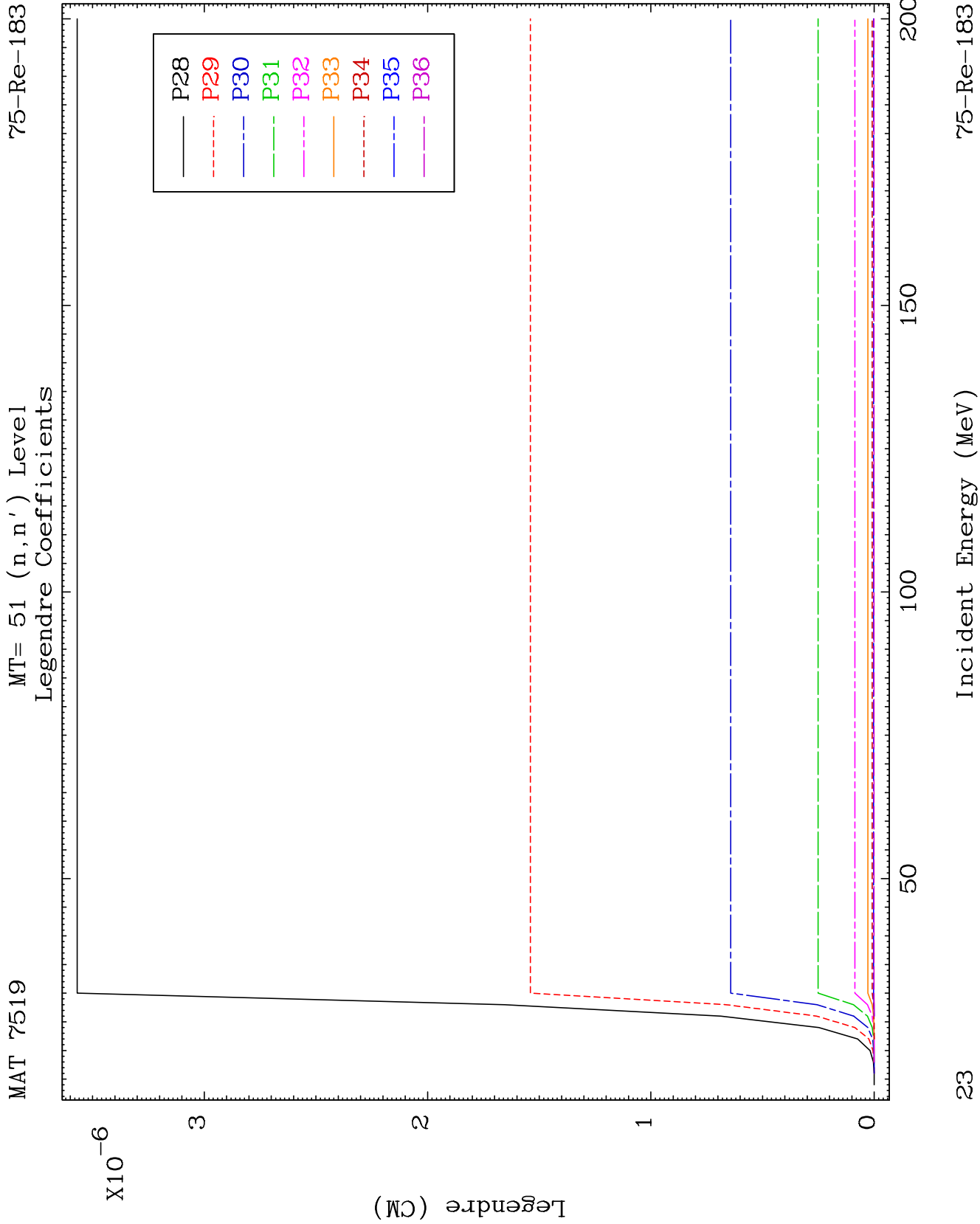
MT= 51 (n, n') Level
Legendre Coefficients

75-Re-183





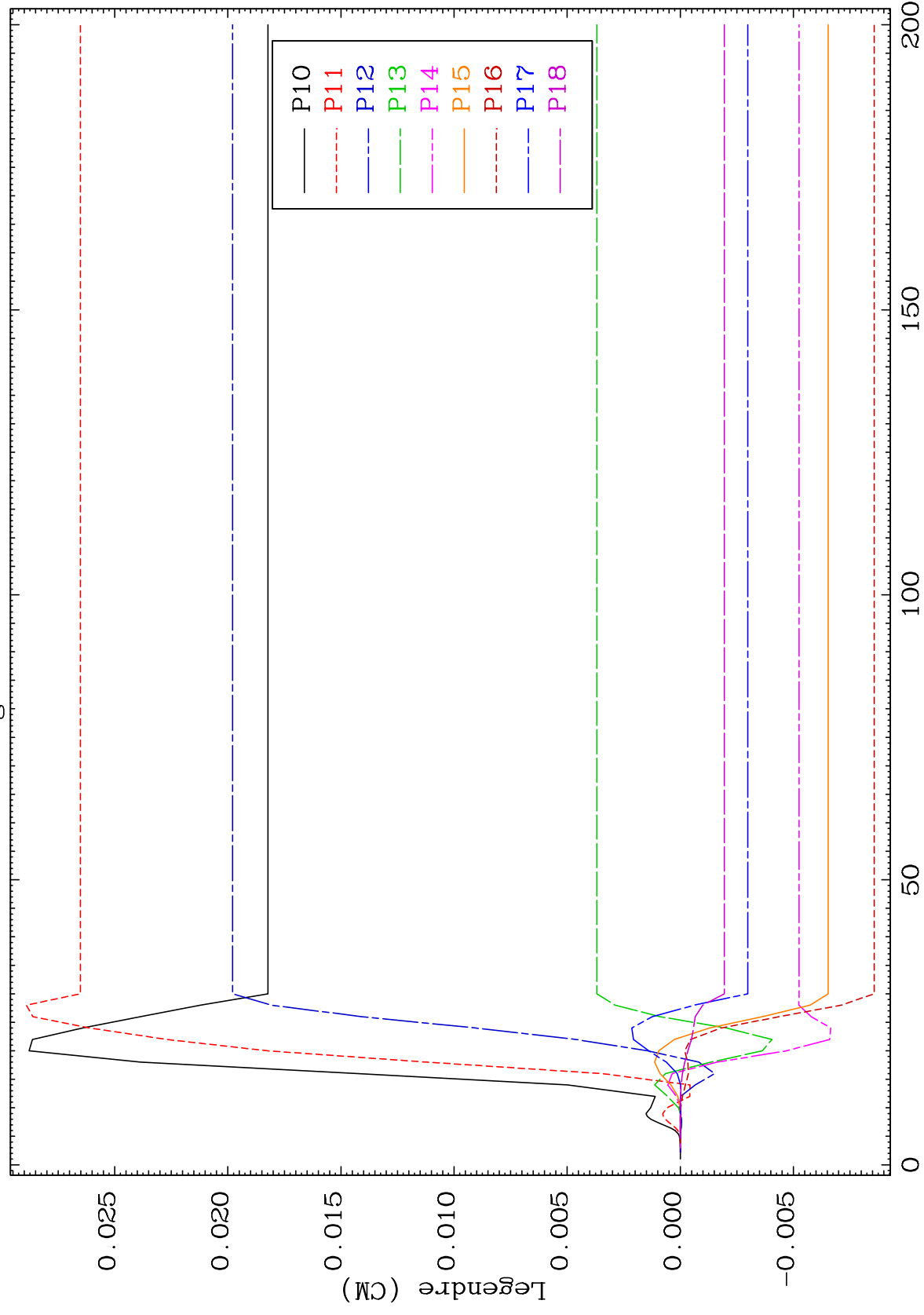




MAT 7519

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

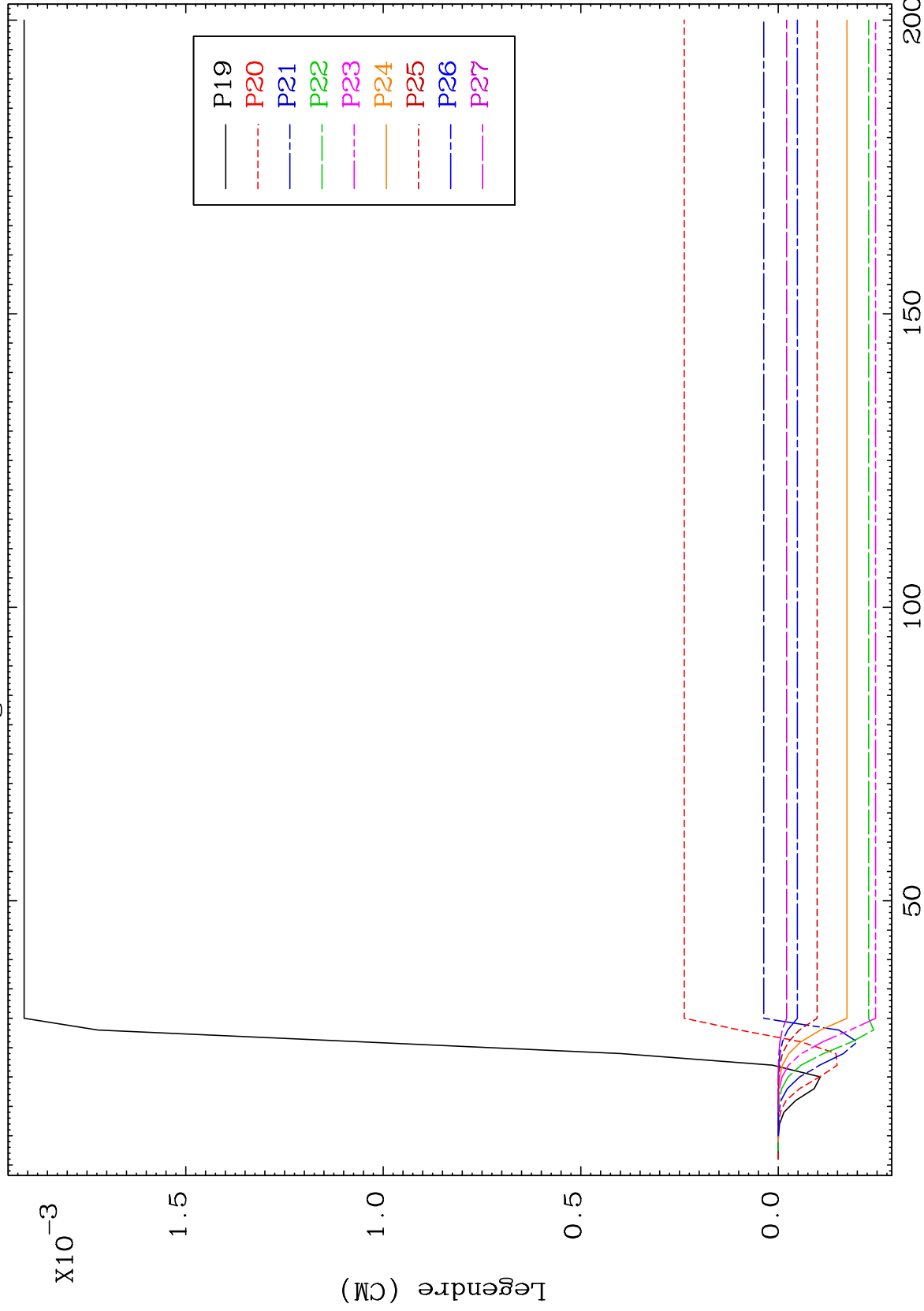
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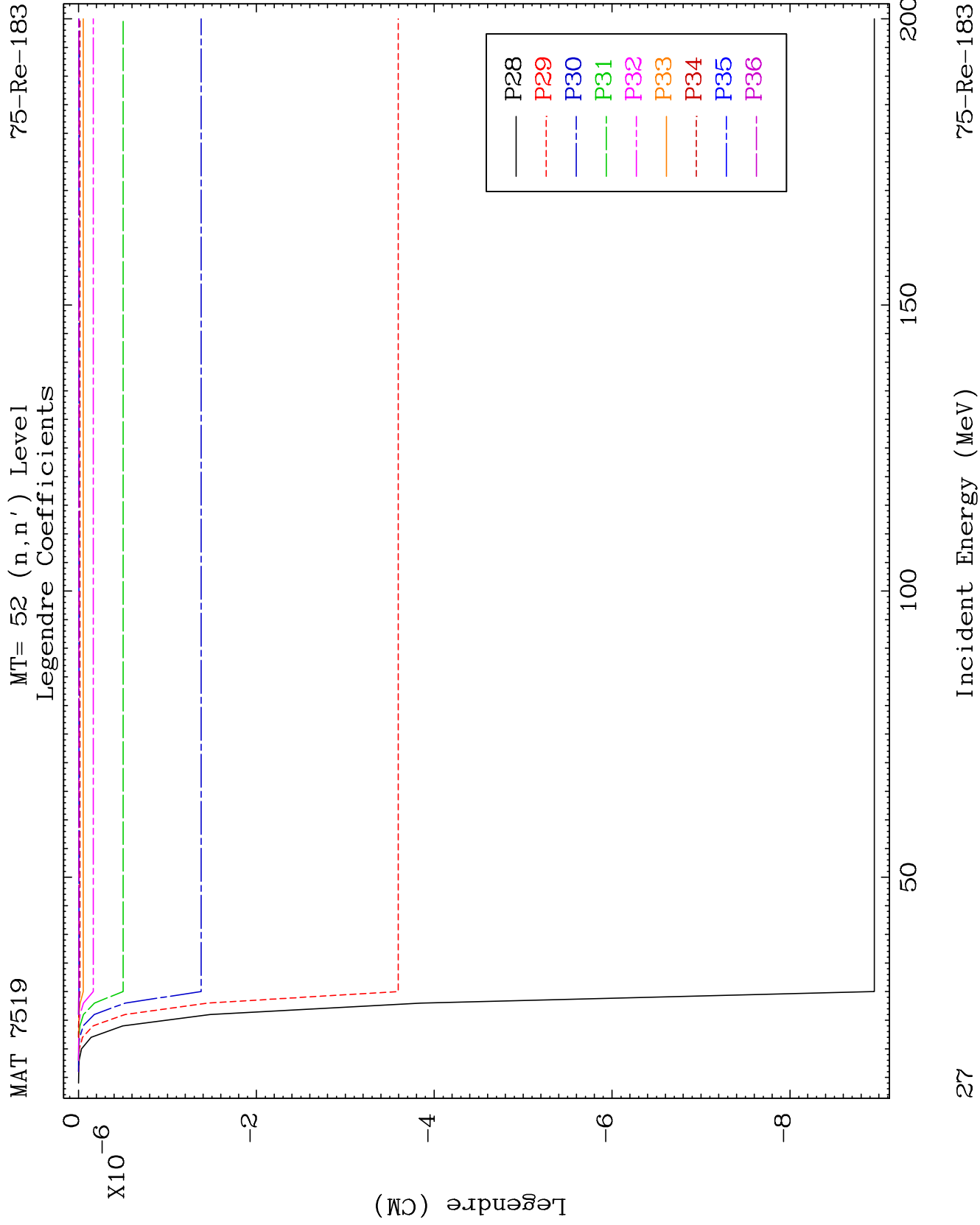


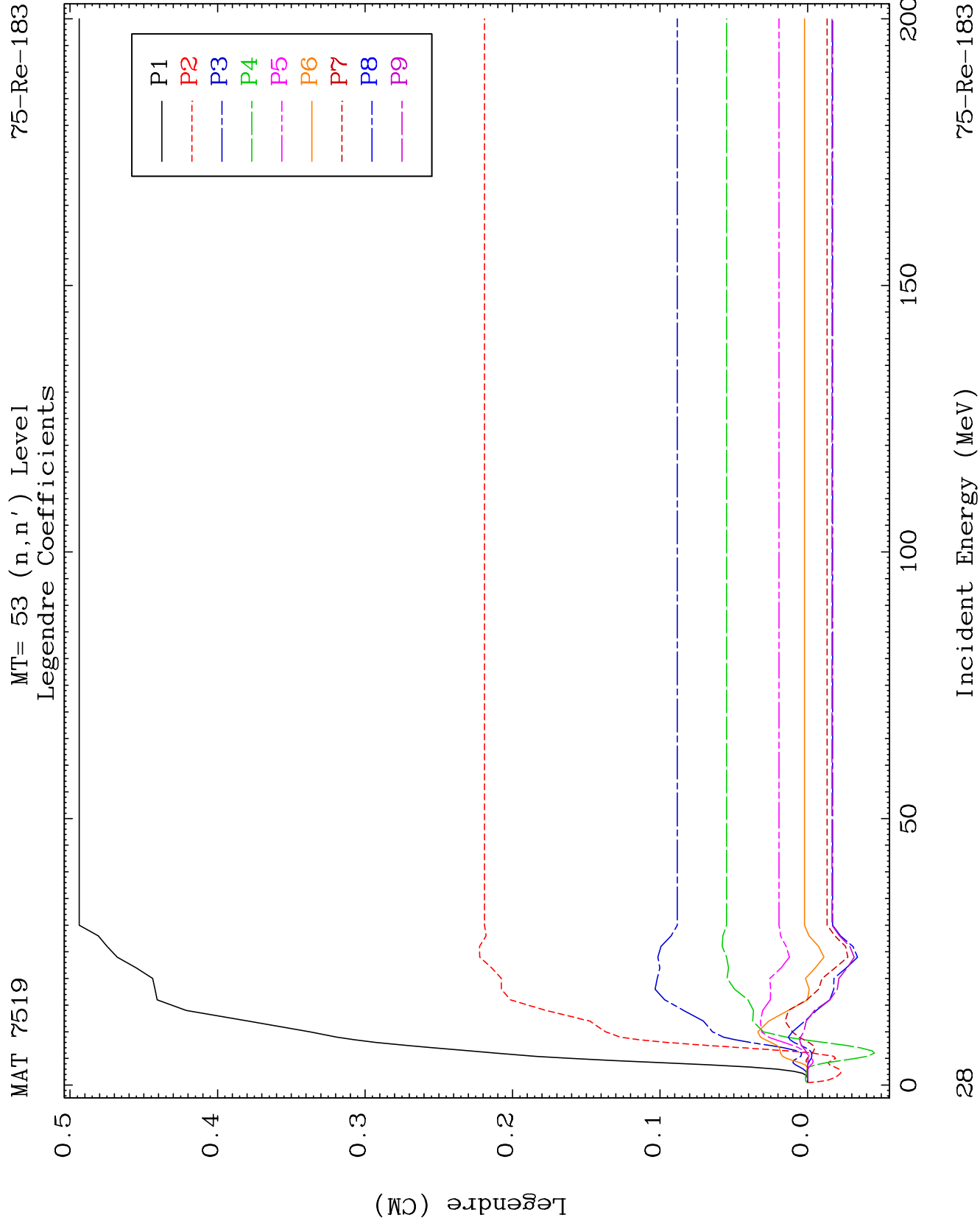
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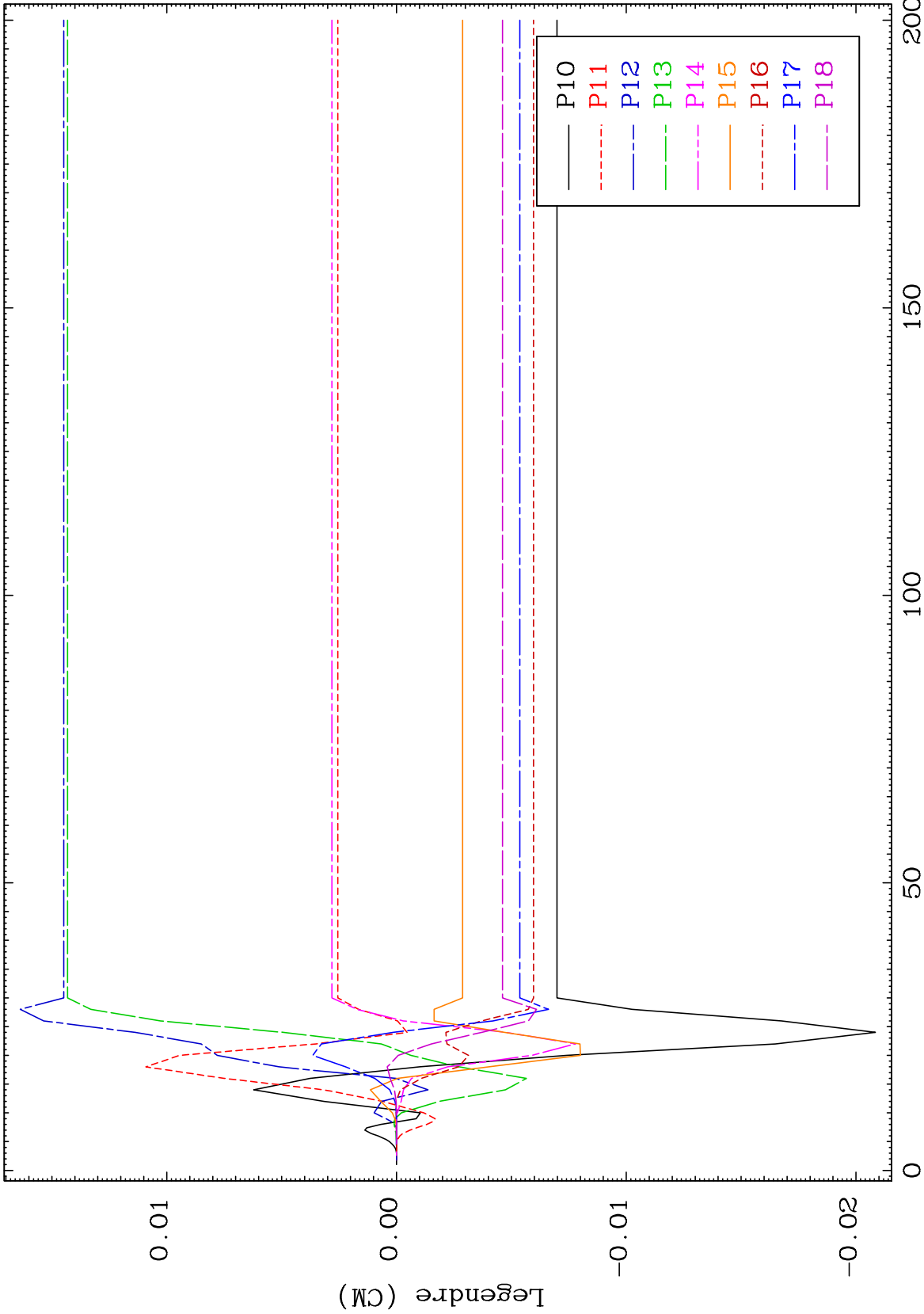
Incident Energy (MeV)

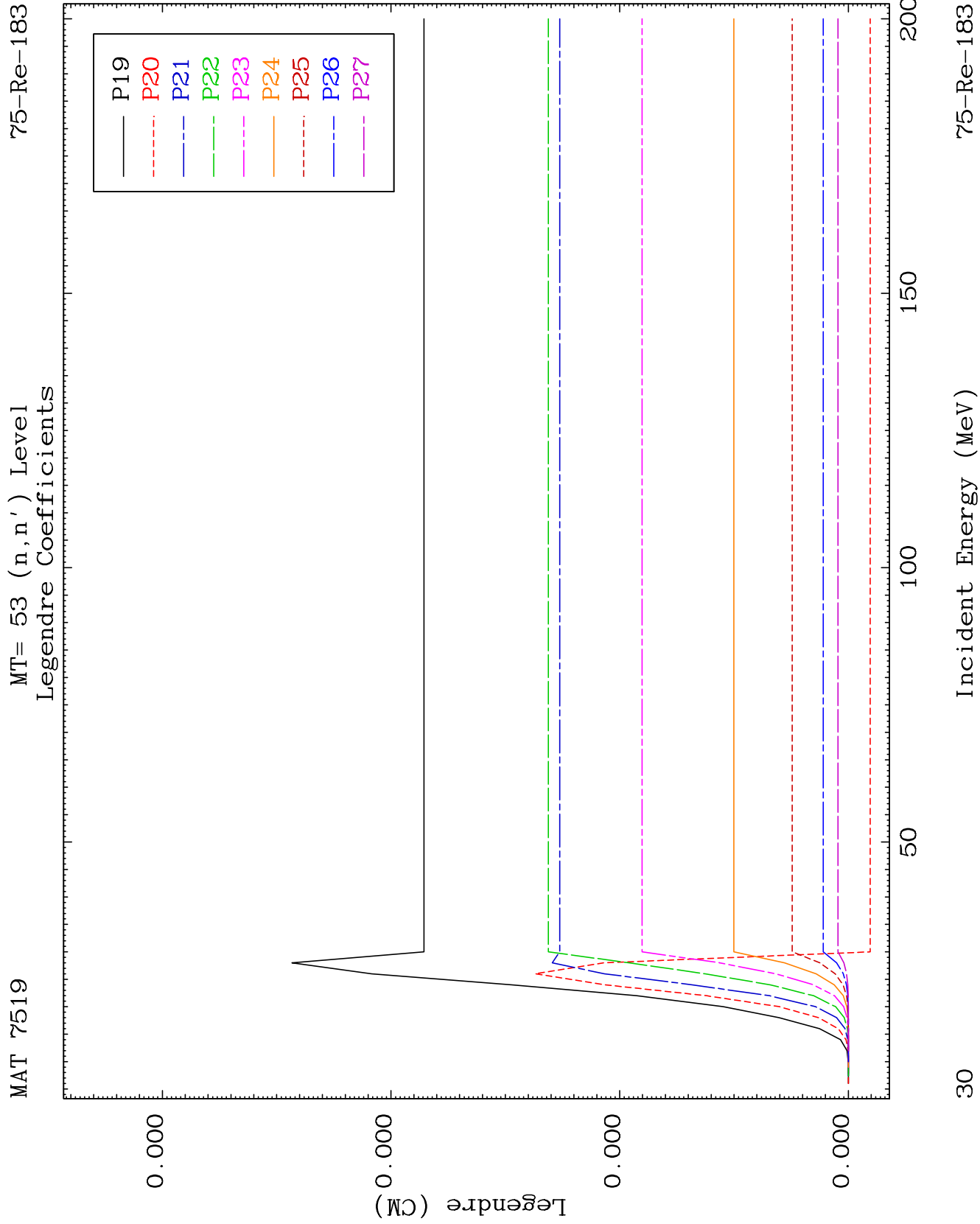
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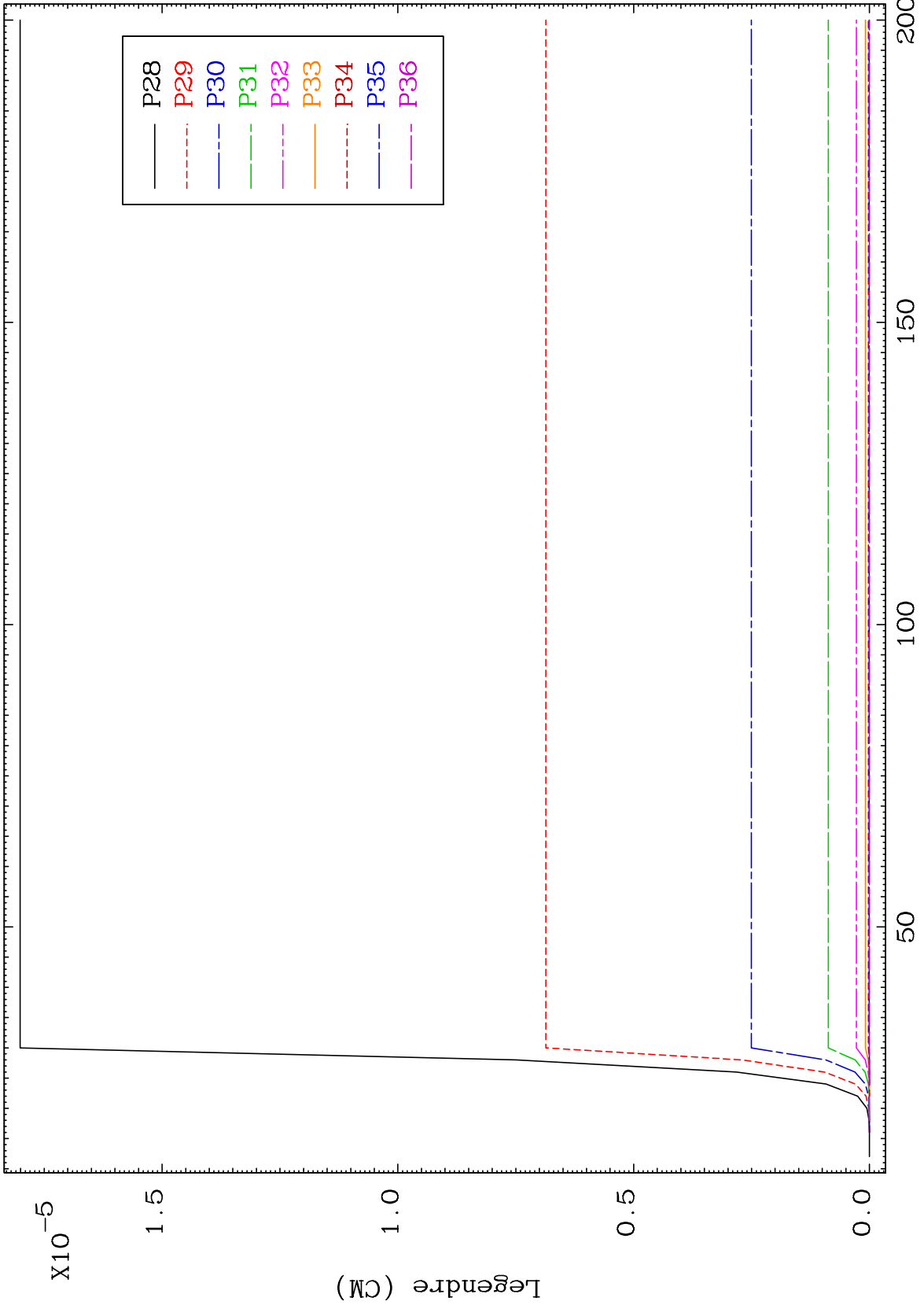


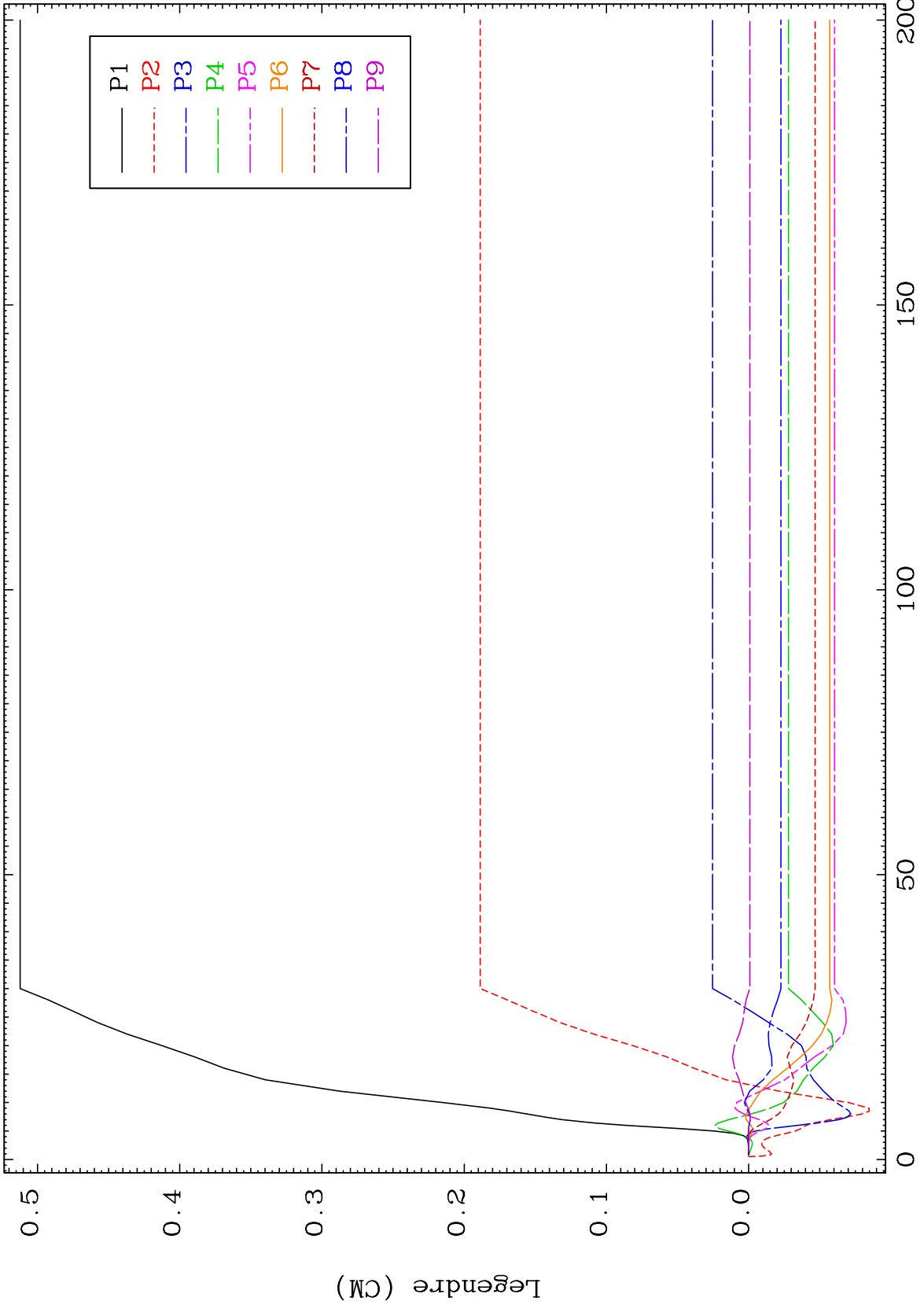








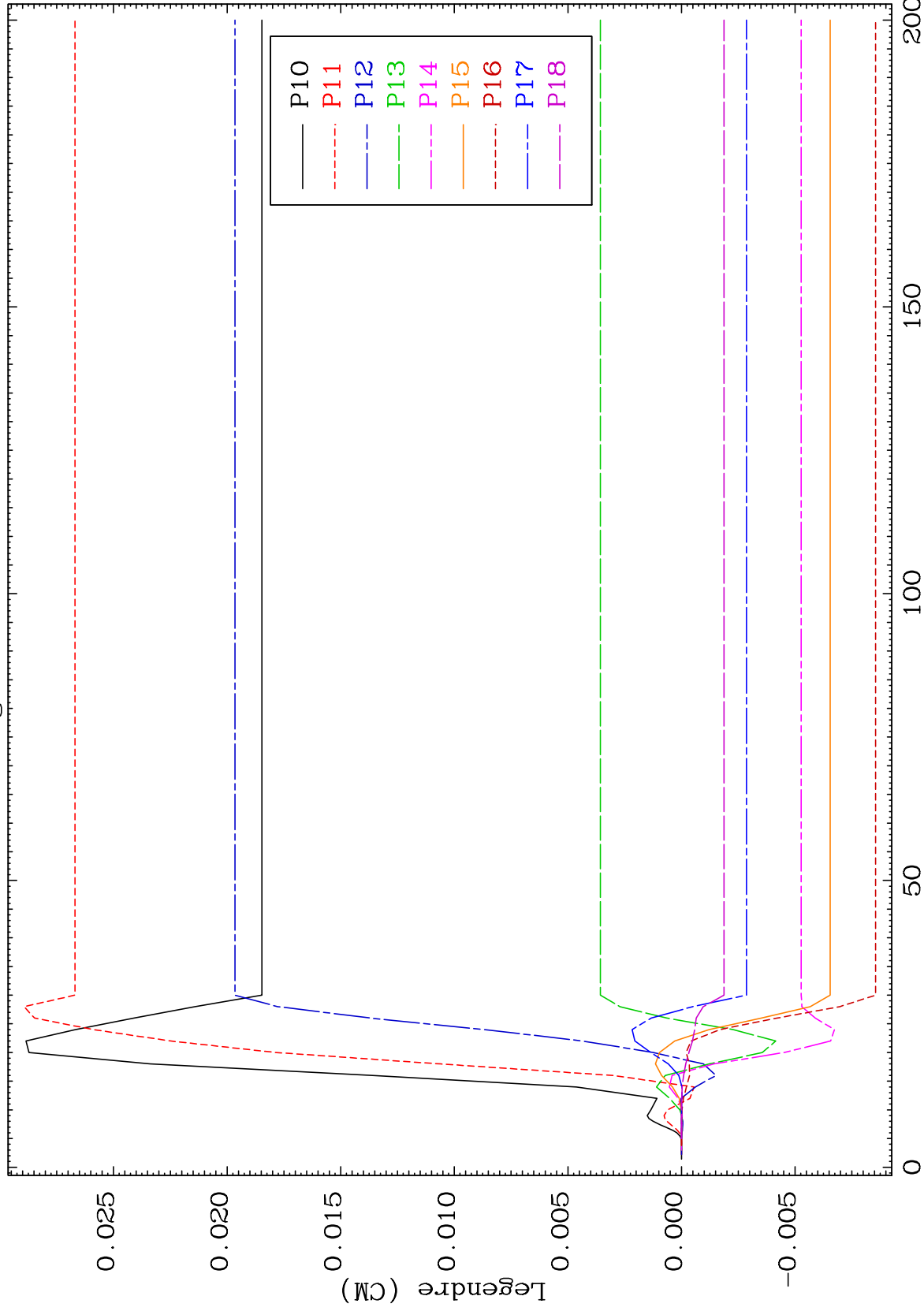




MAT 7519

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

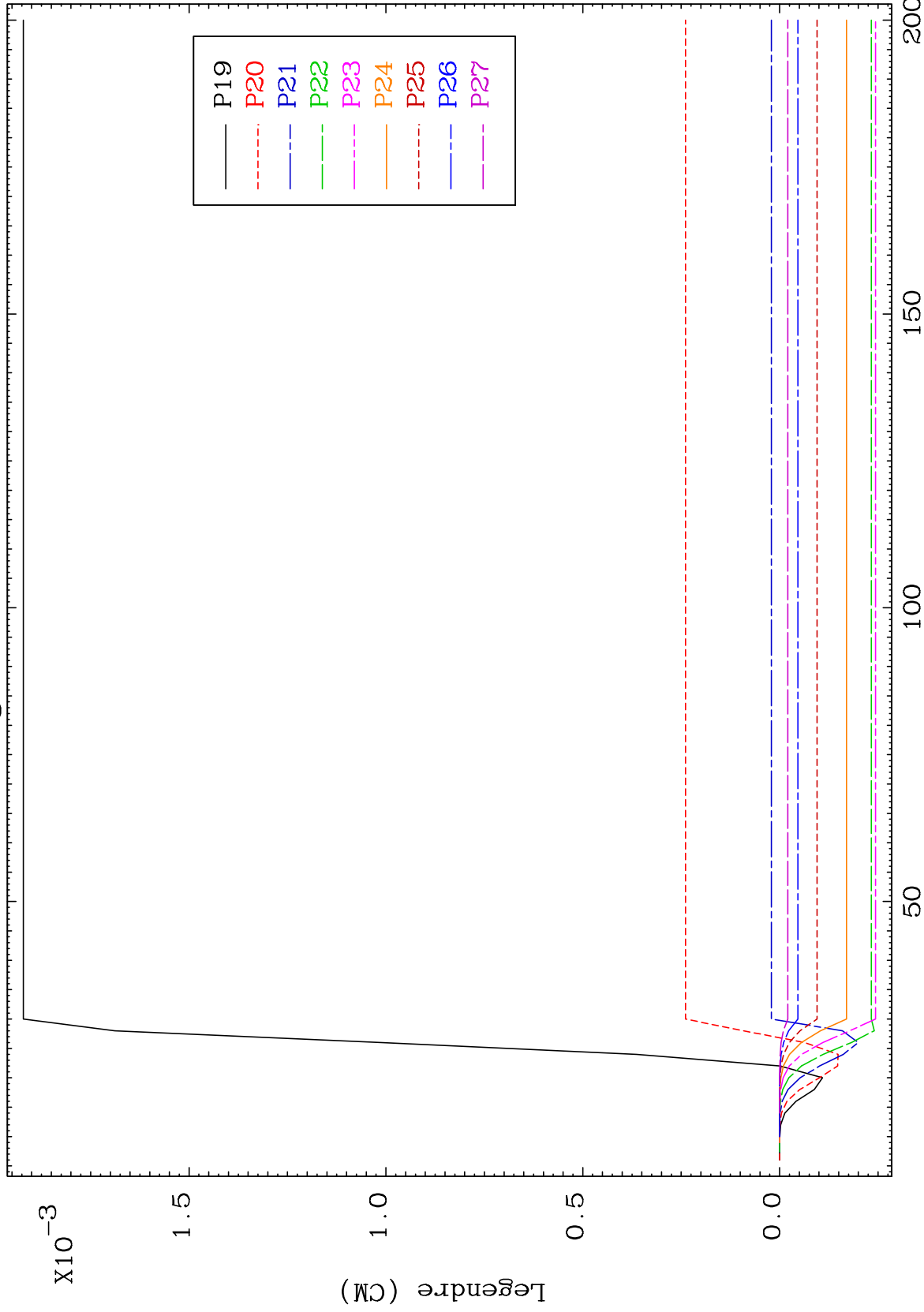
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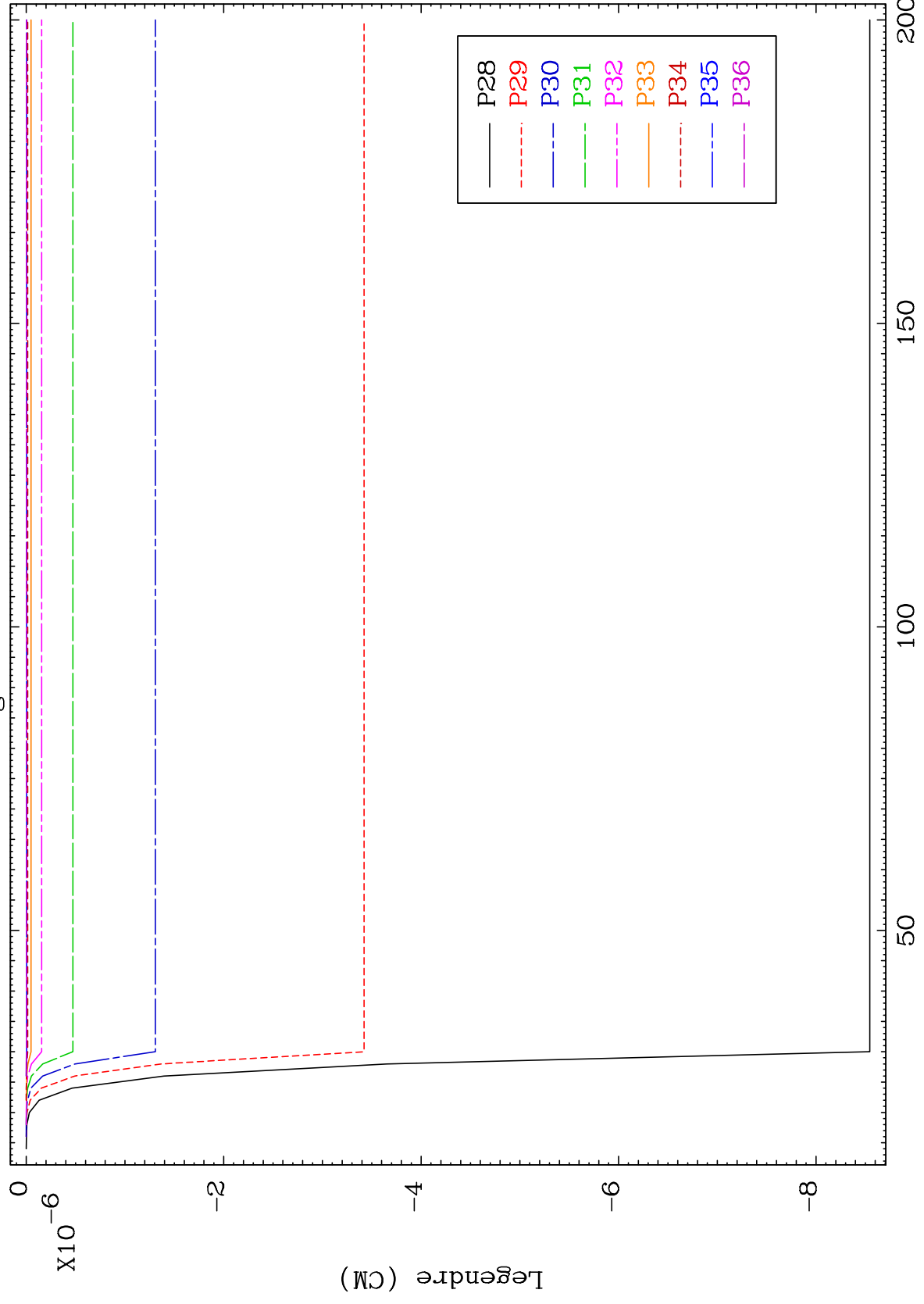


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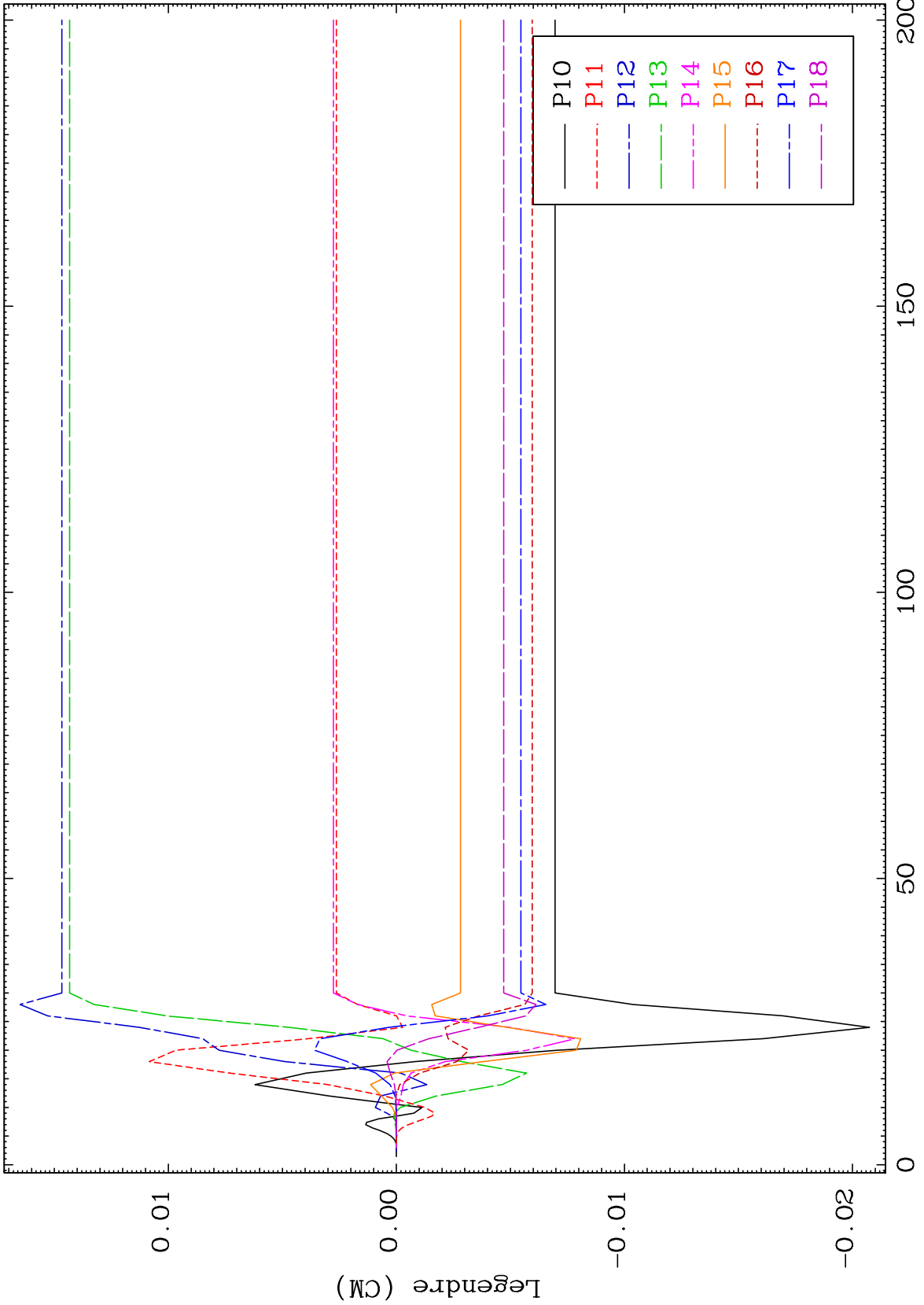
Incident Energy (MeV)

75-Re-183

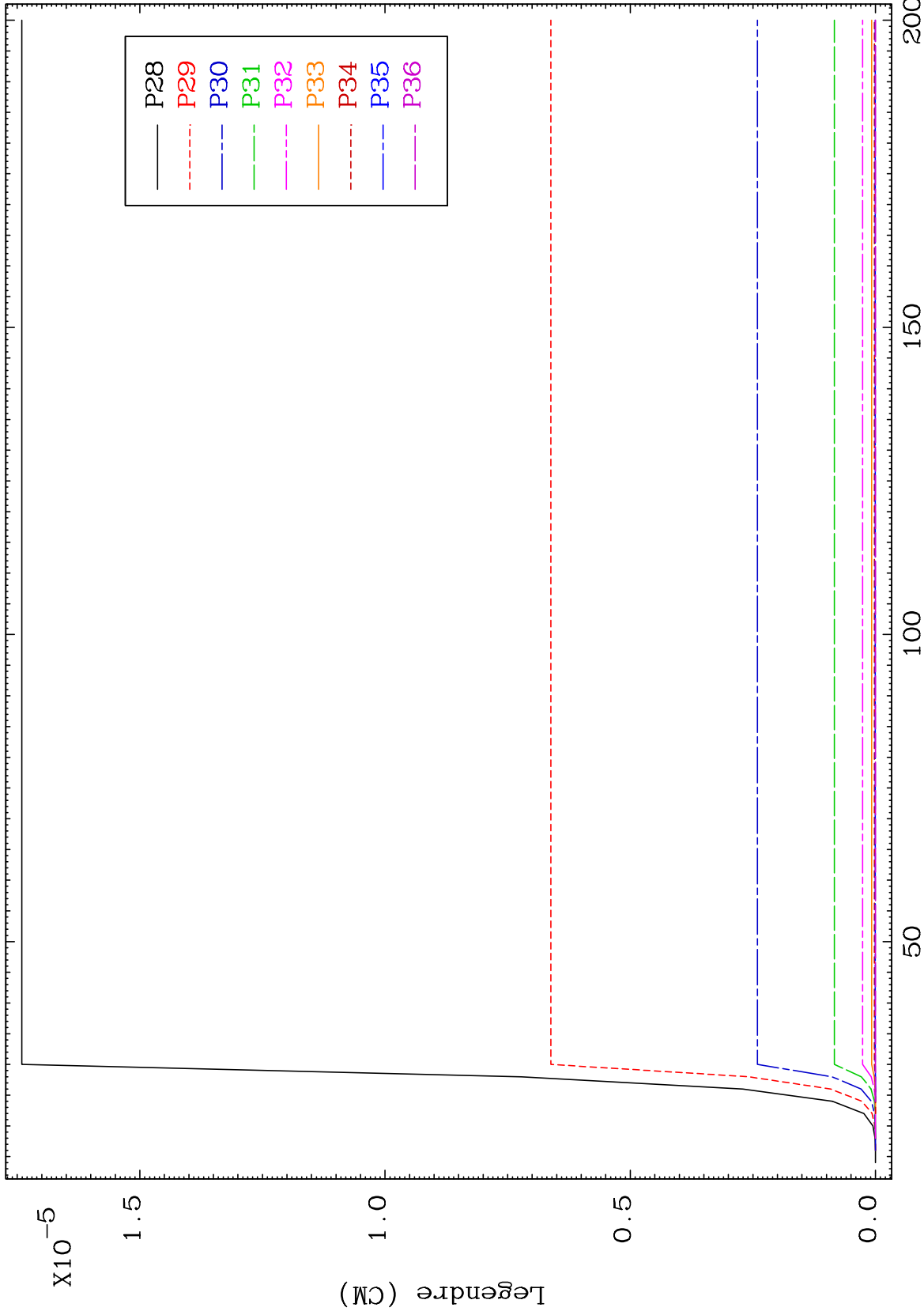




MAT 7519 MT= 55 (n,n') Level Legendre Coefficients 75-Re-183



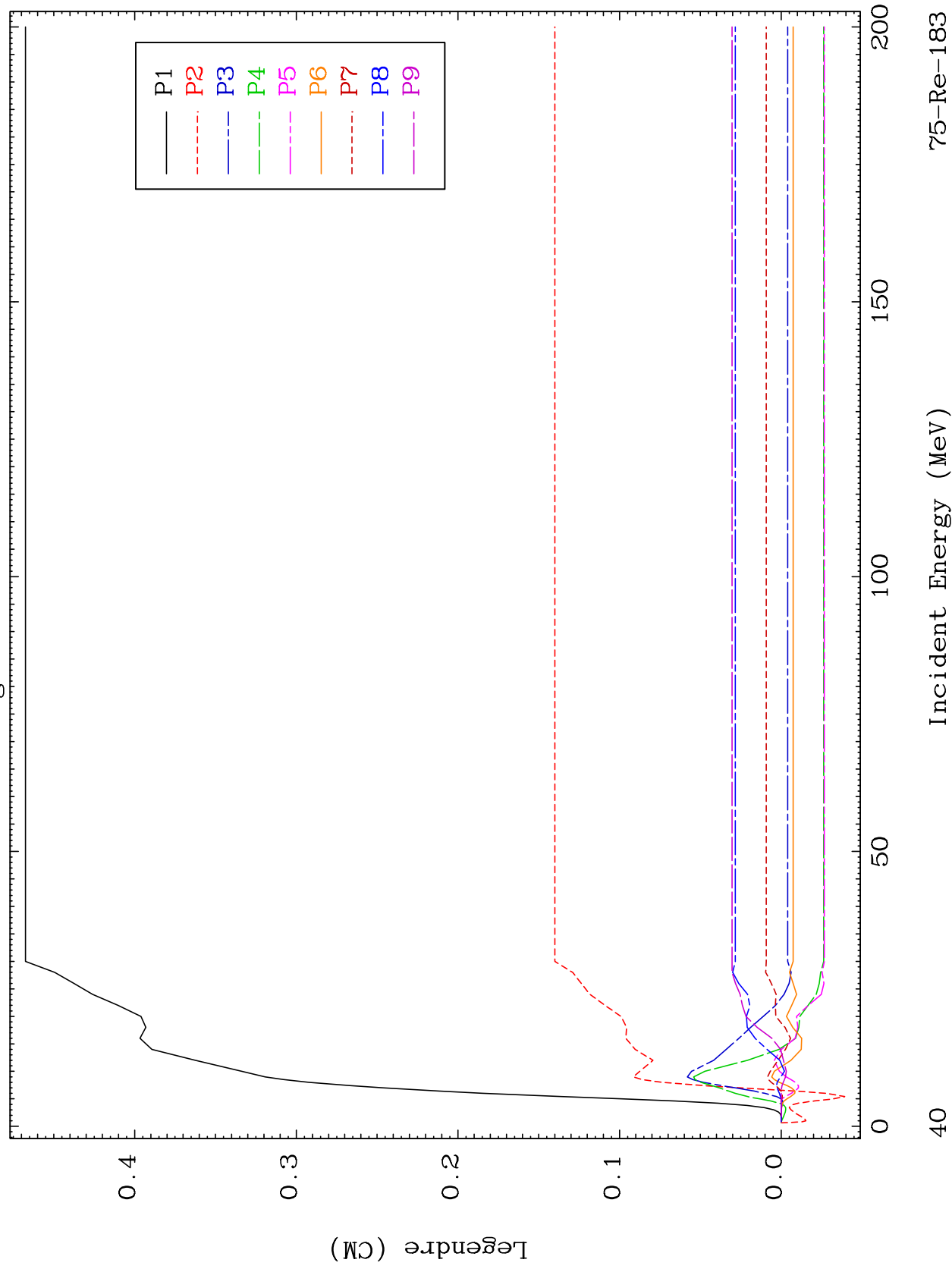
37 Incident Energy (MeV) 75-Re-183

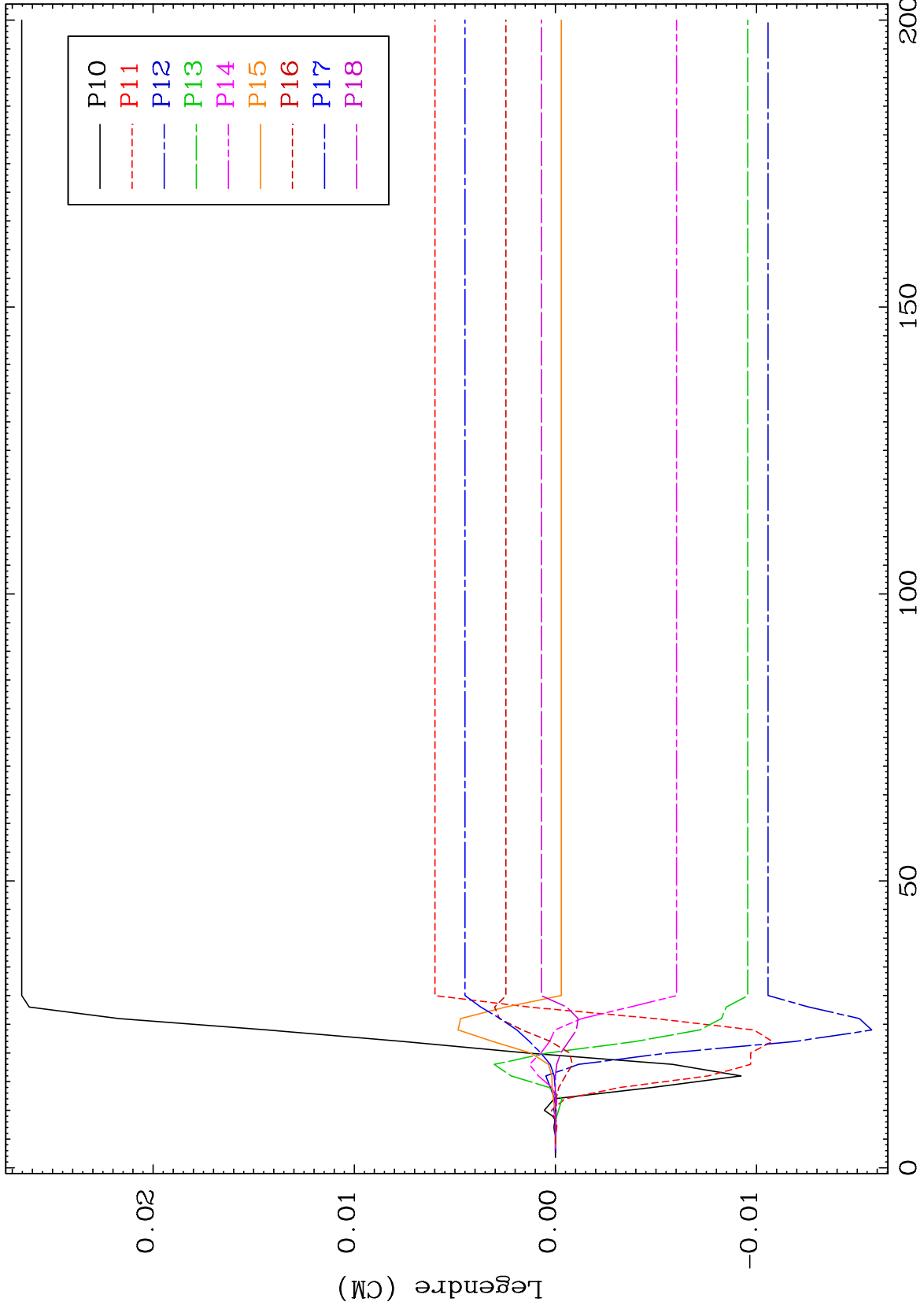


MAT 7519

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

75-Re-183

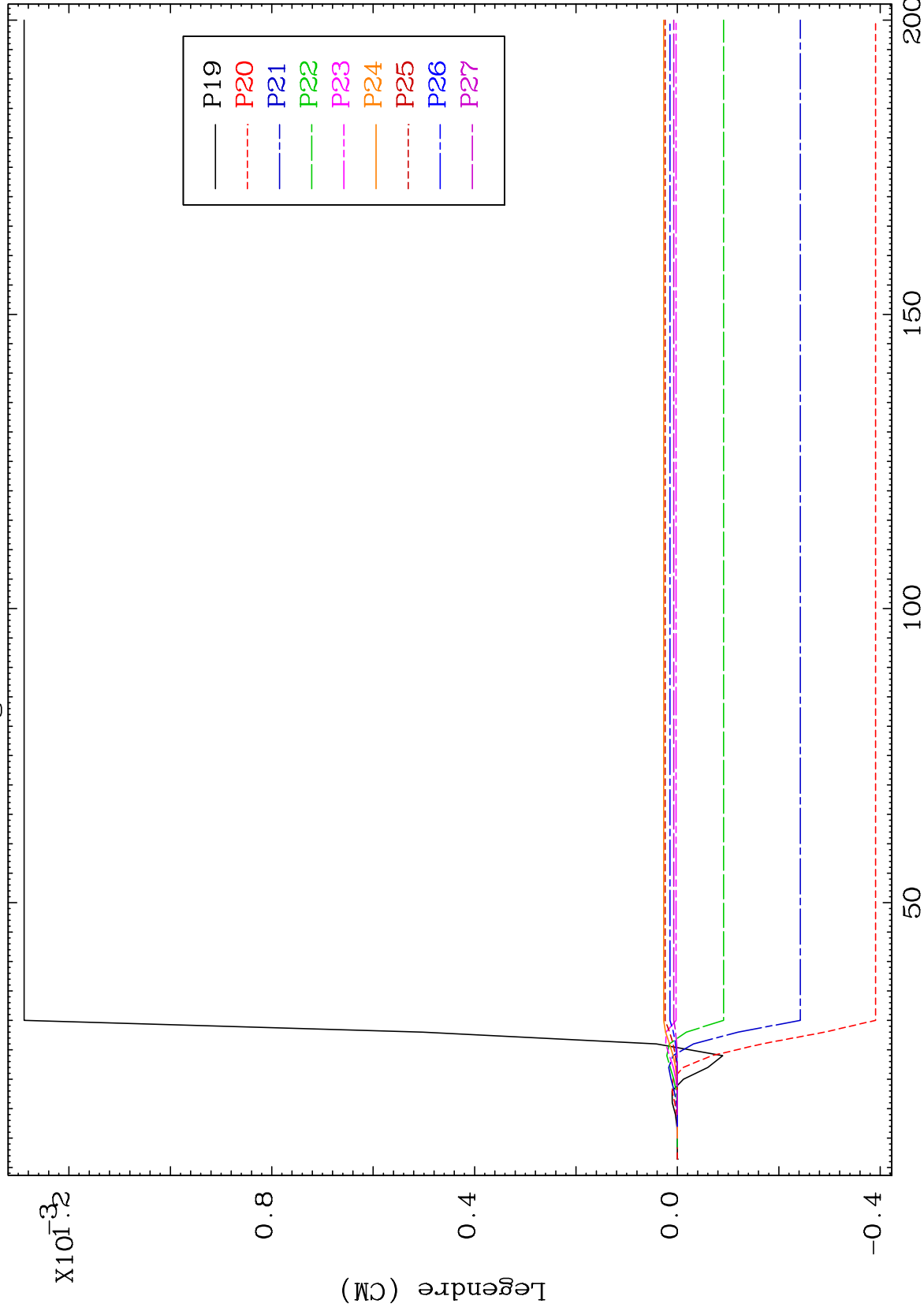




MAT 7519

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

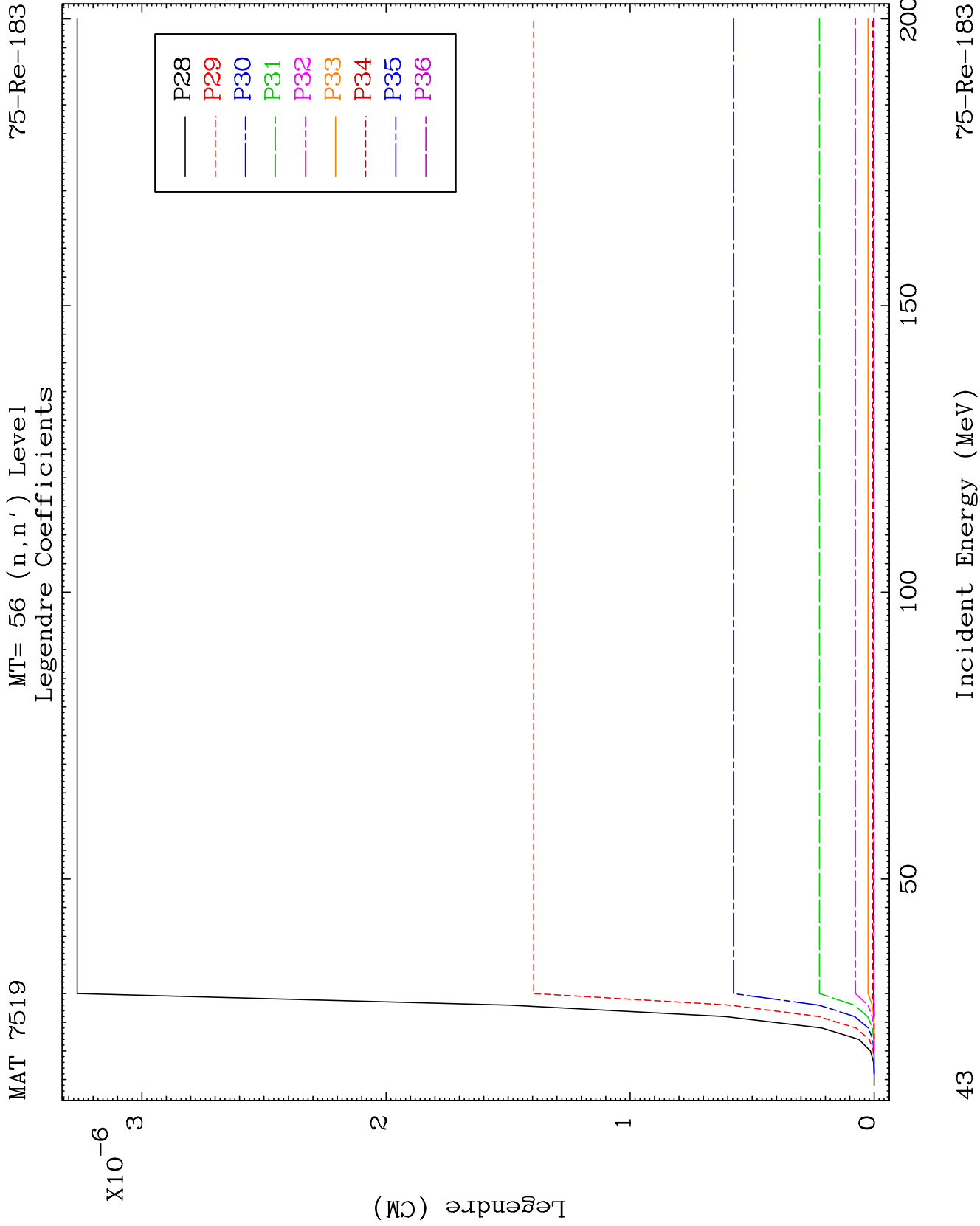
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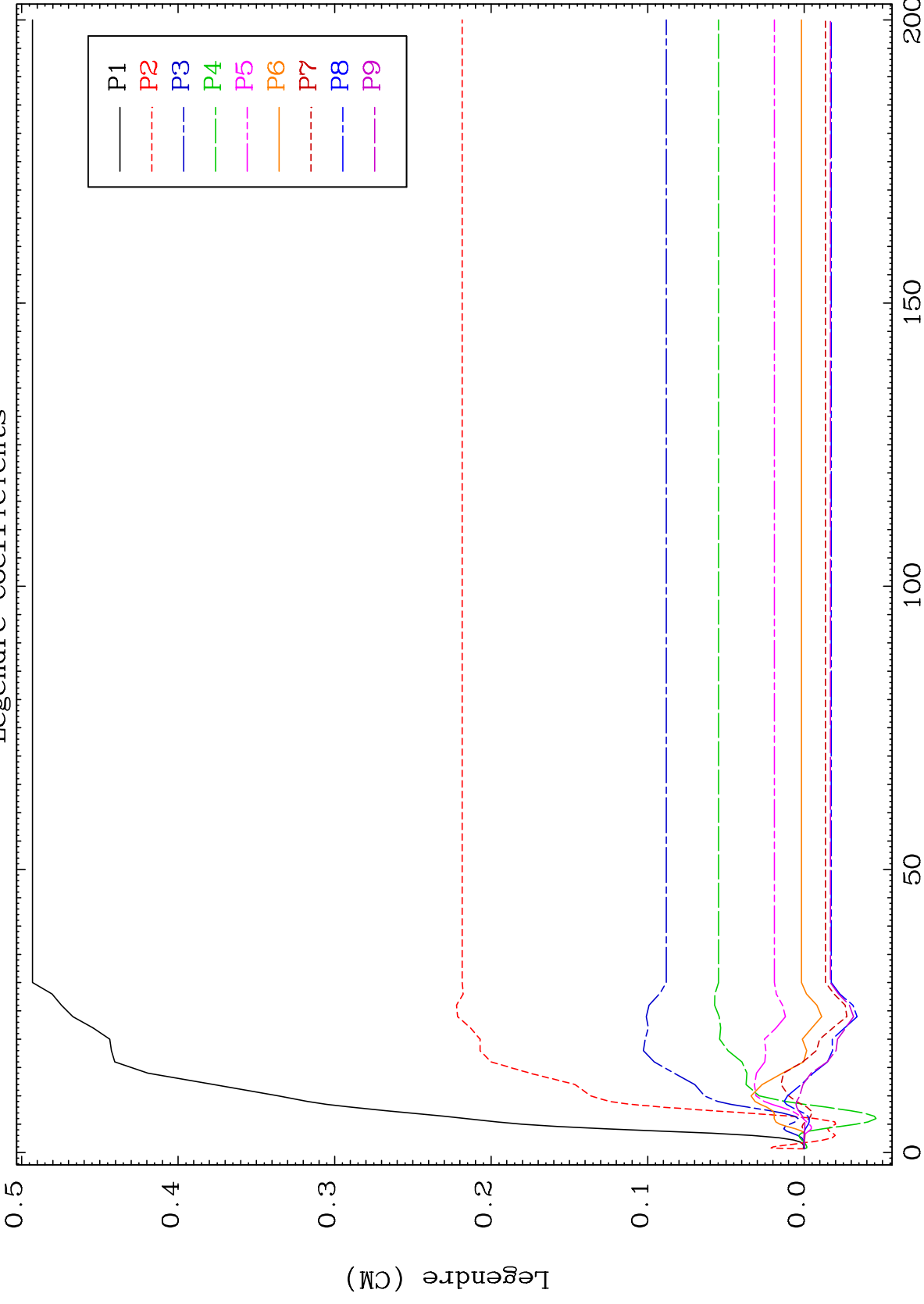
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Incident Energy (MeV)

75-Re-183



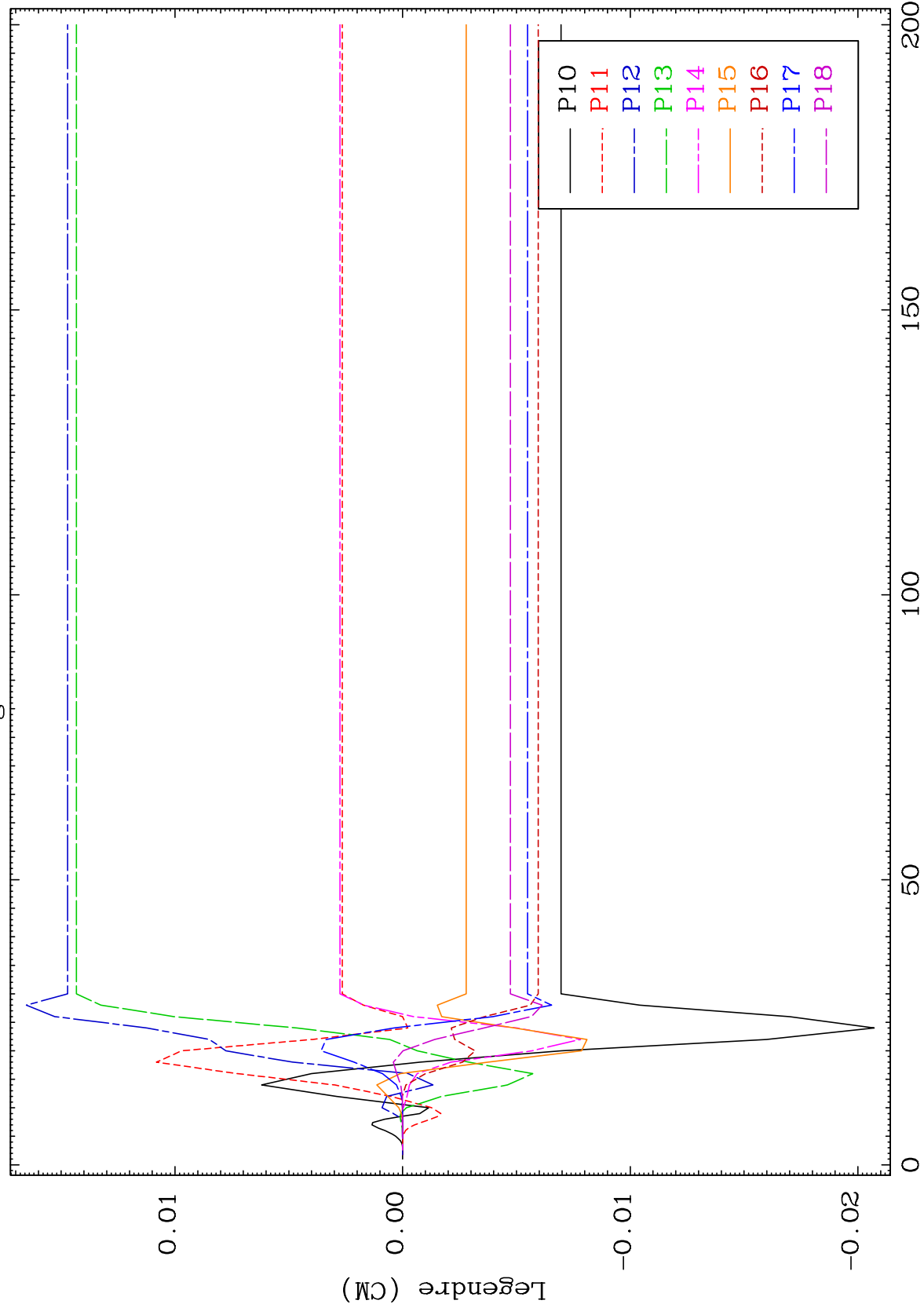
MAT 7519 MT= 57 (n,n') Level Legendre Coefficients 75-Re-183



MAT 7519

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

75-Re-183



45

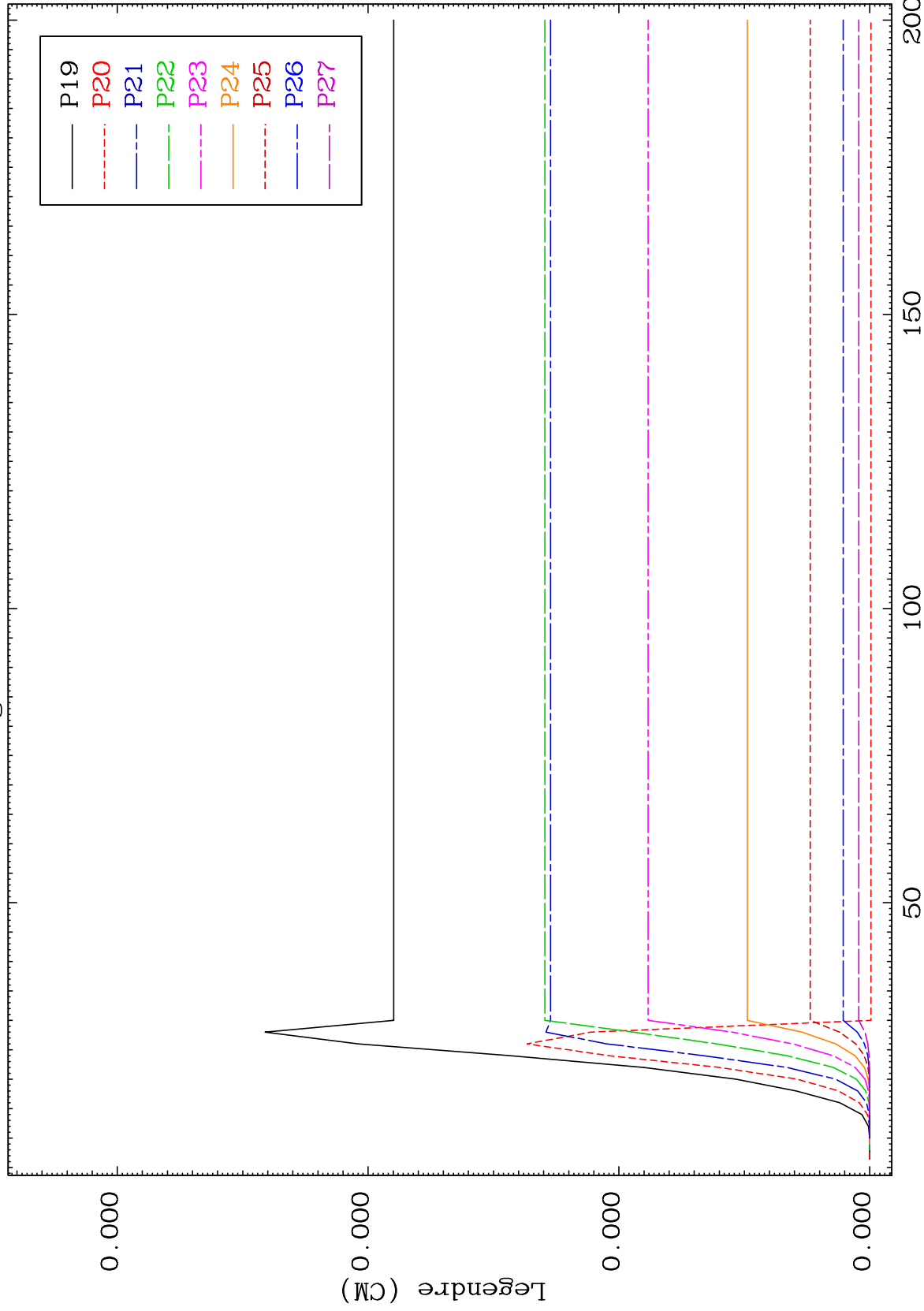
Incident Energy (MeV)

75-Re-183

MAT 7519

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

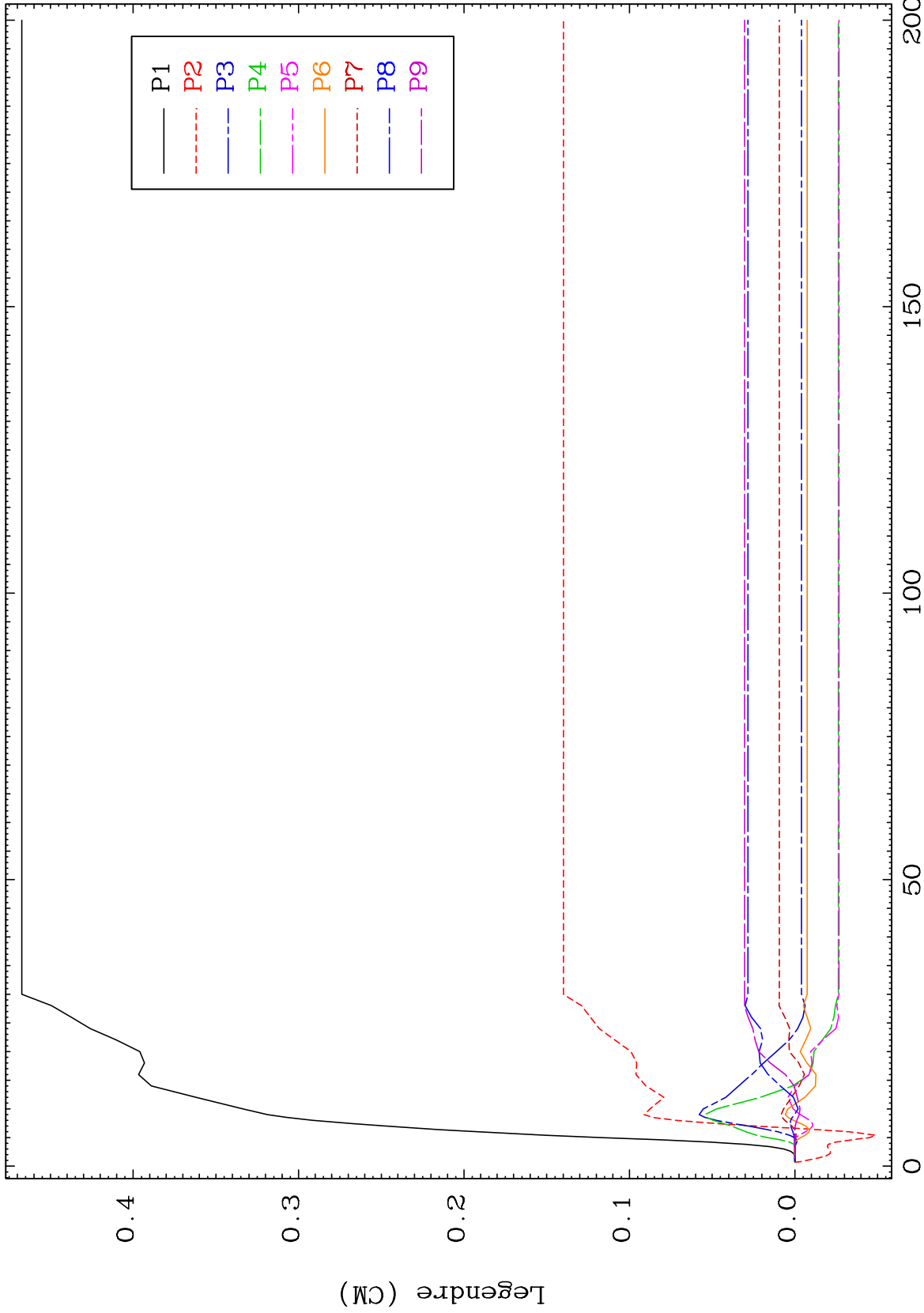
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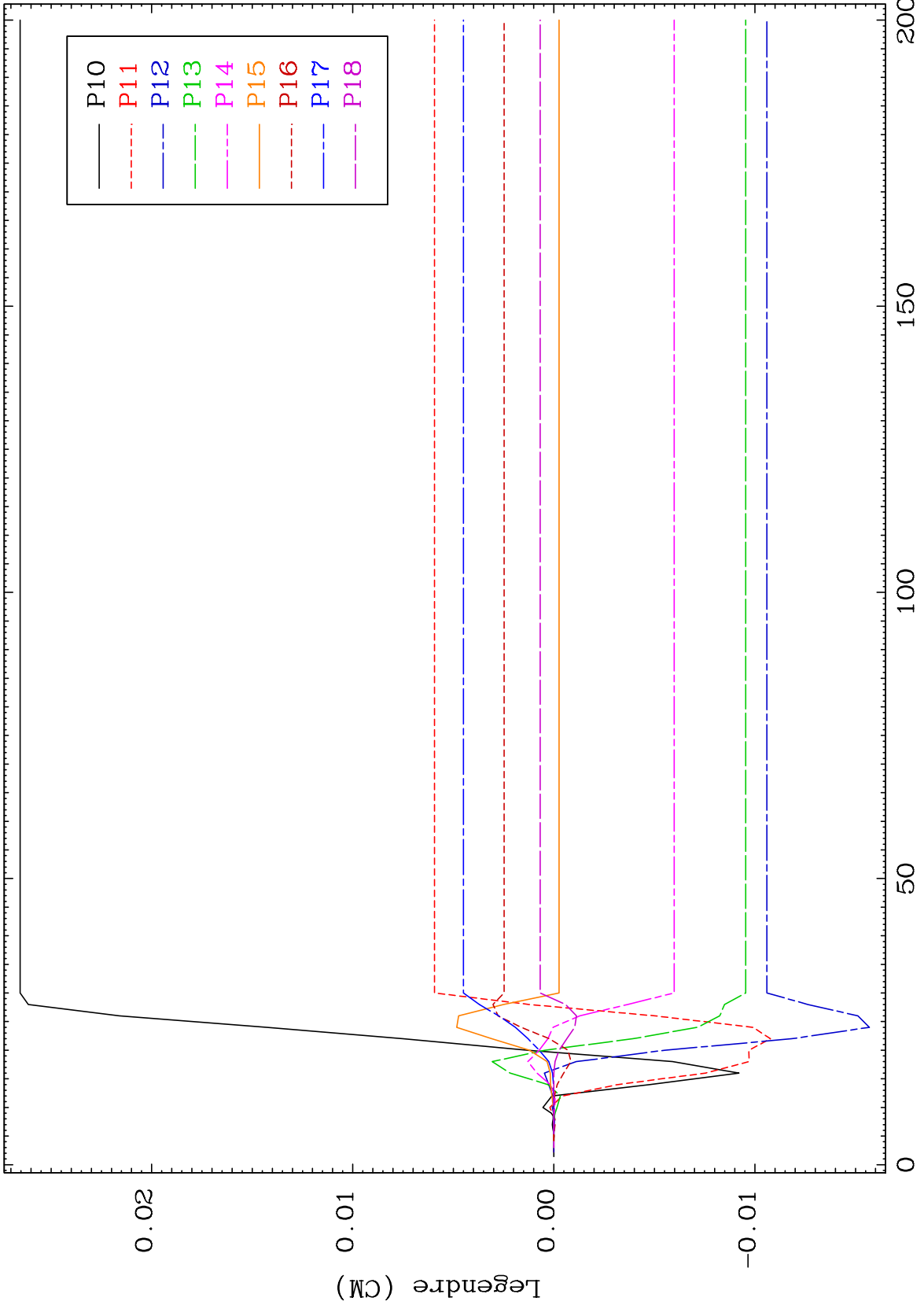


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Incident Energy (MeV)

75-Re-183

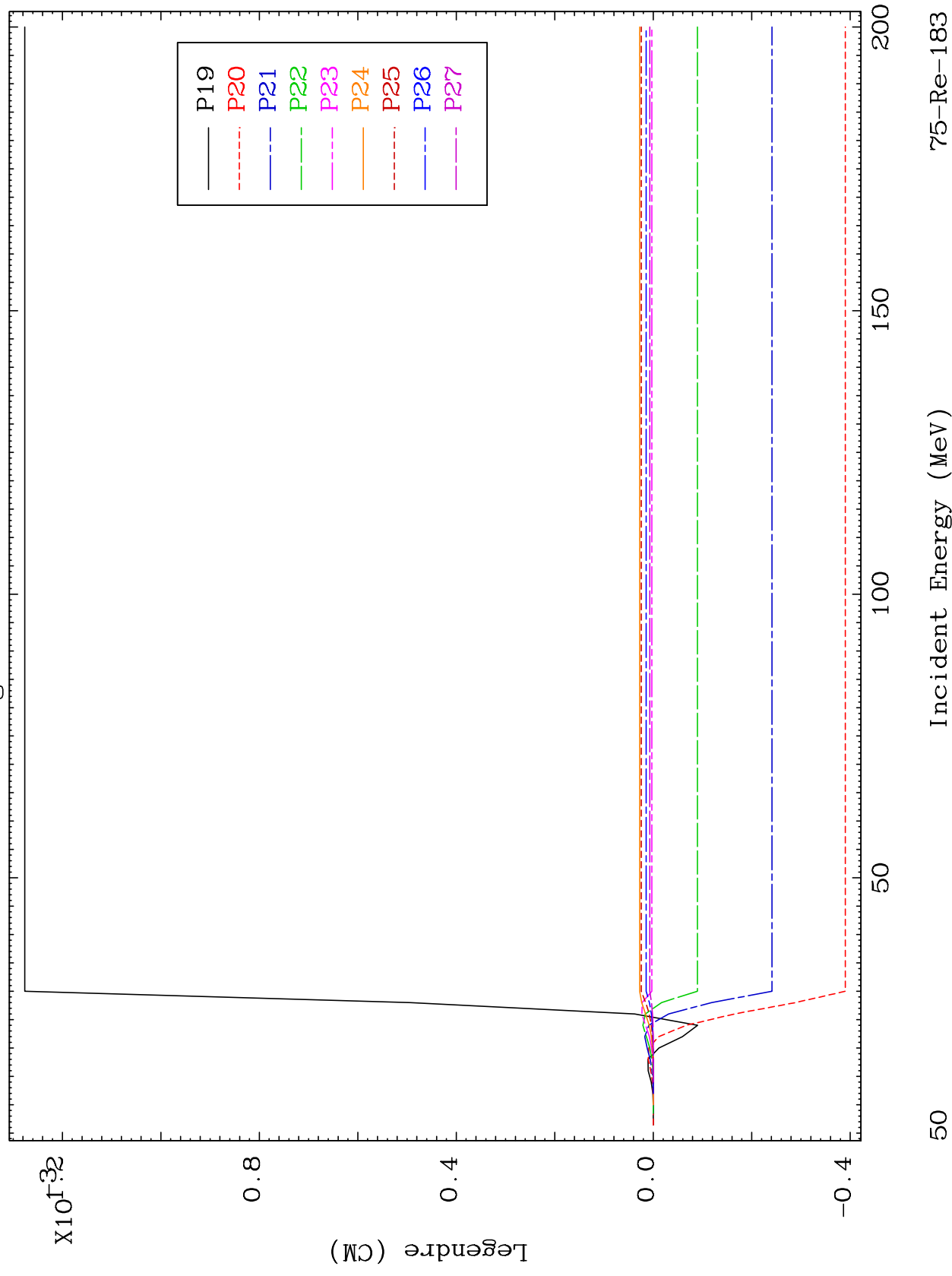


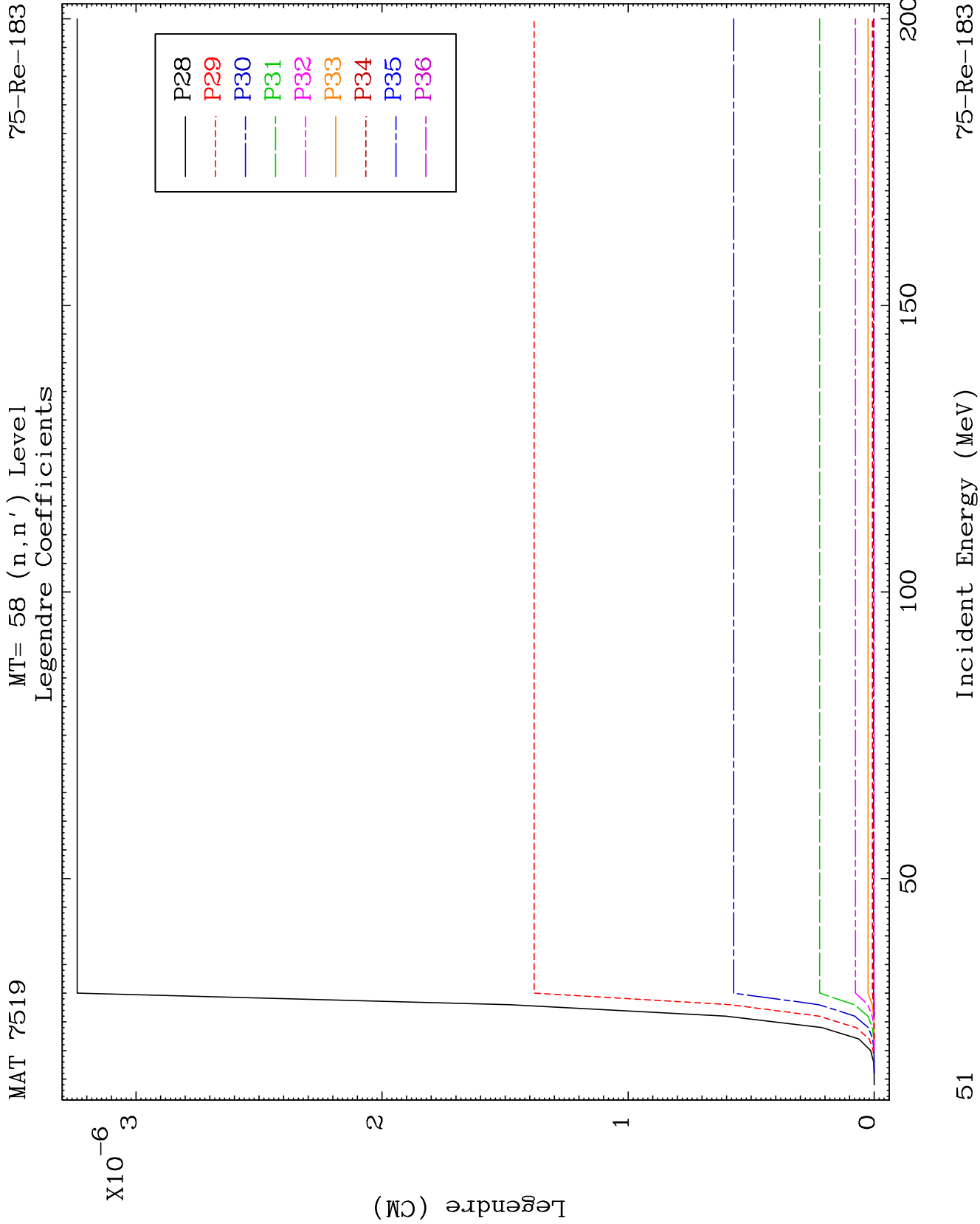


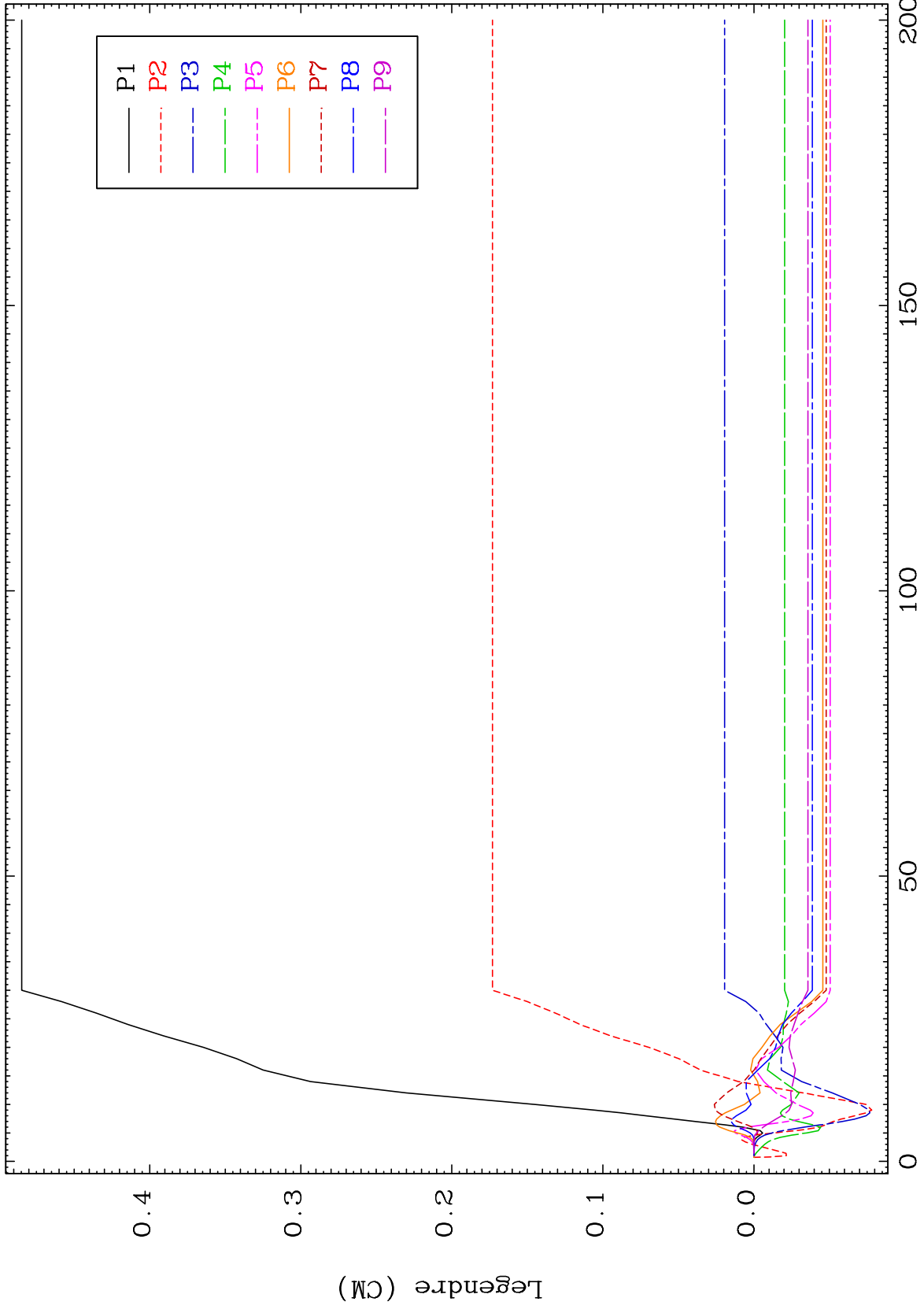
MAT 7519

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

75-Re-183



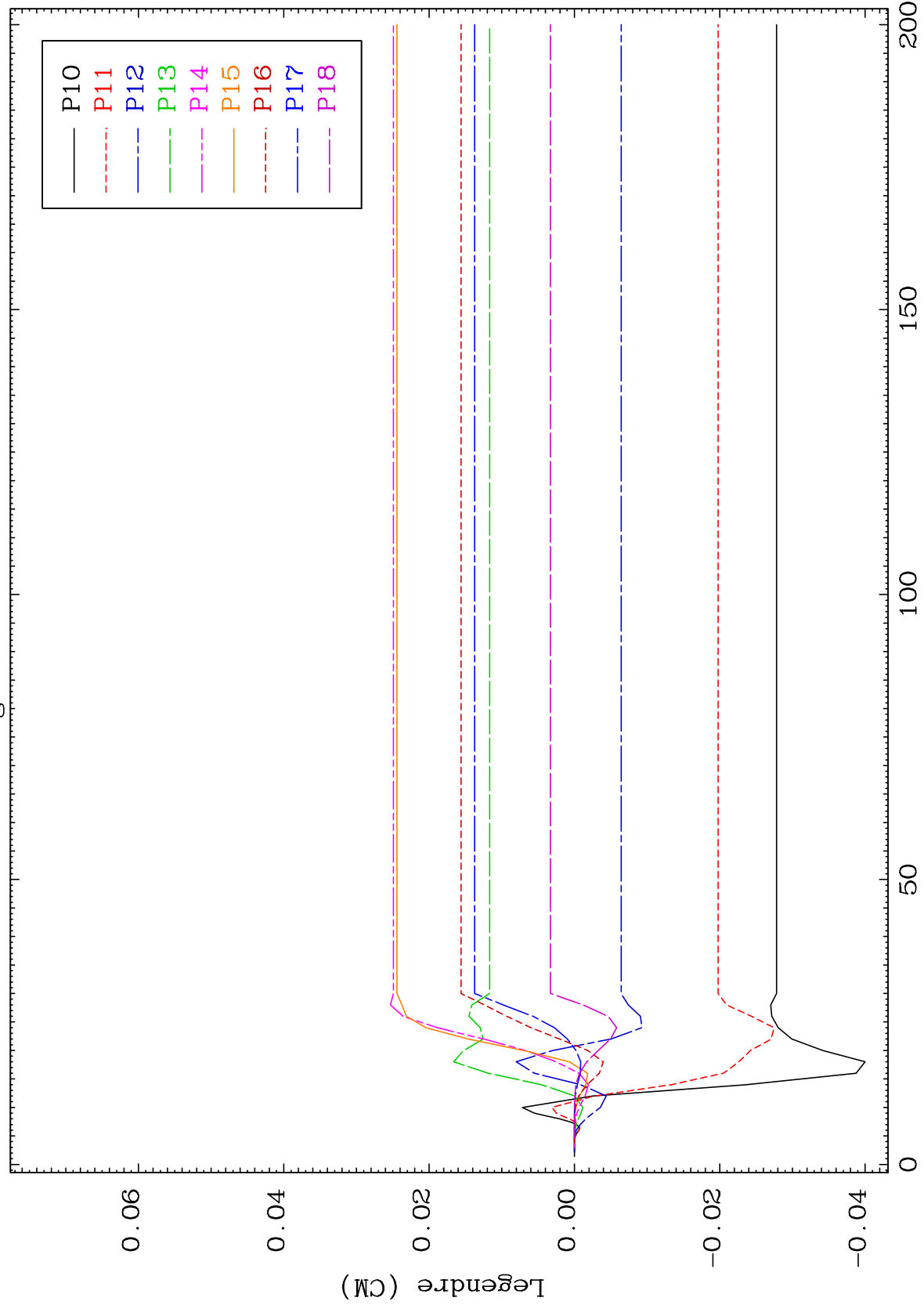




MAT 7519

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

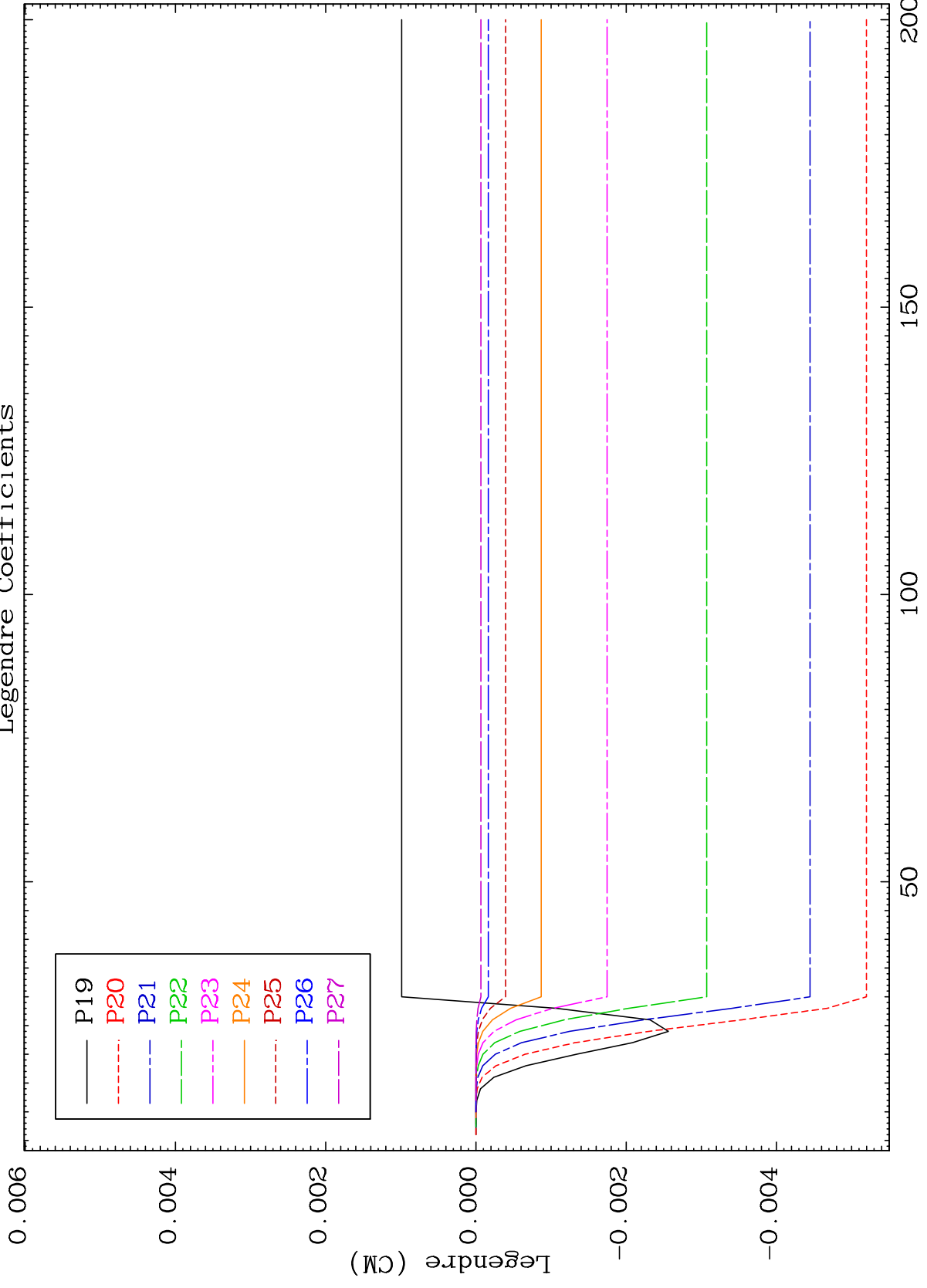
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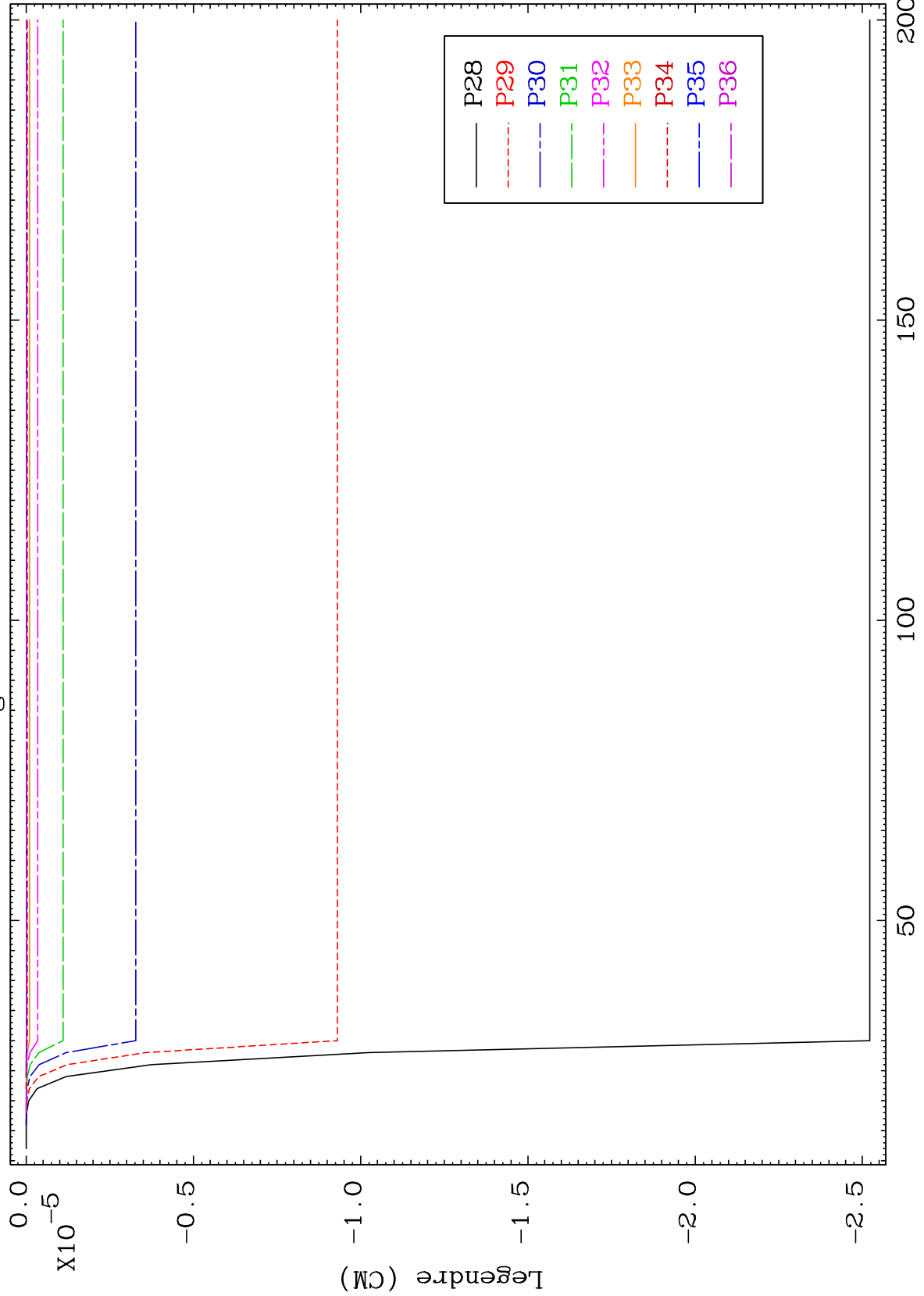


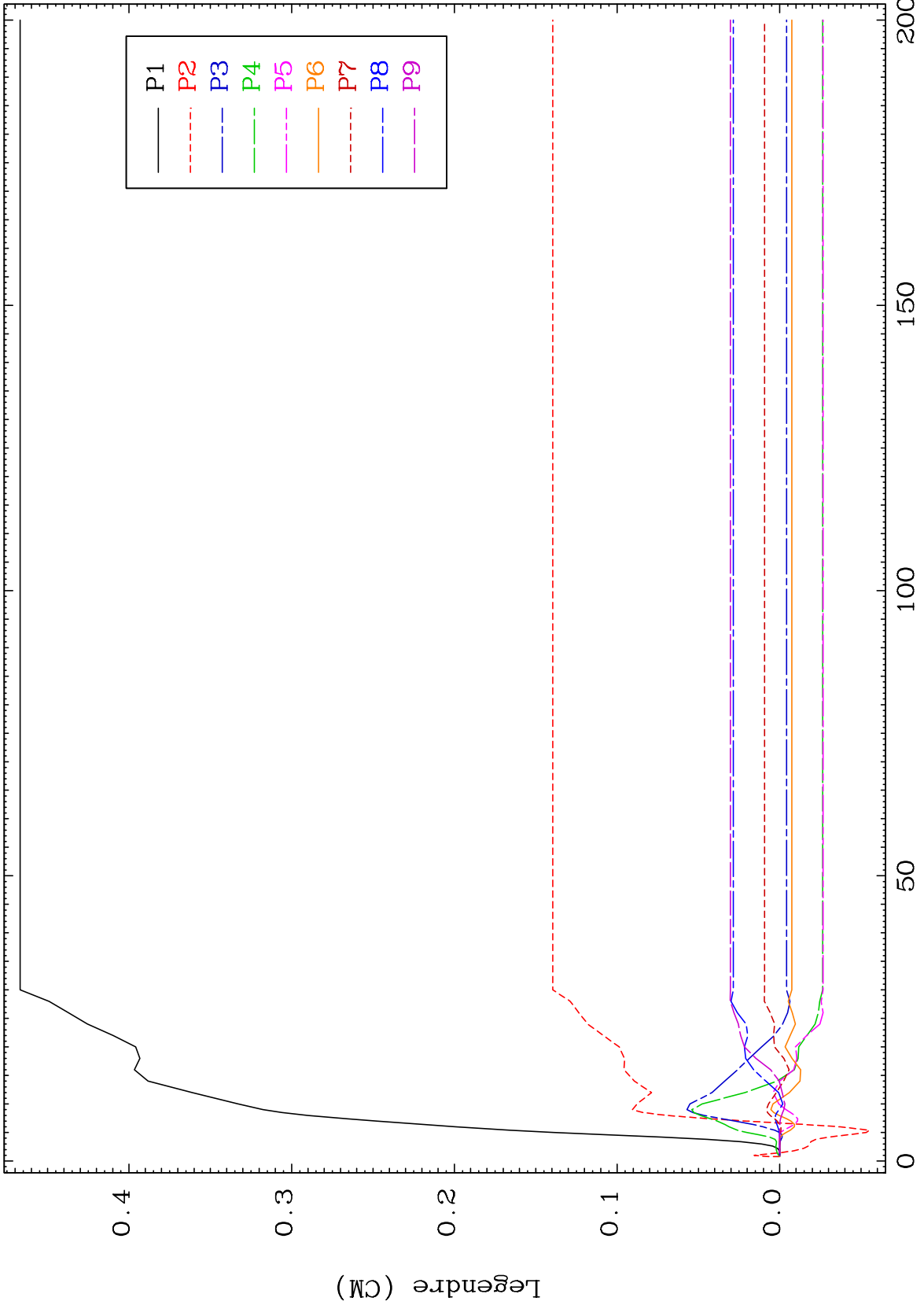
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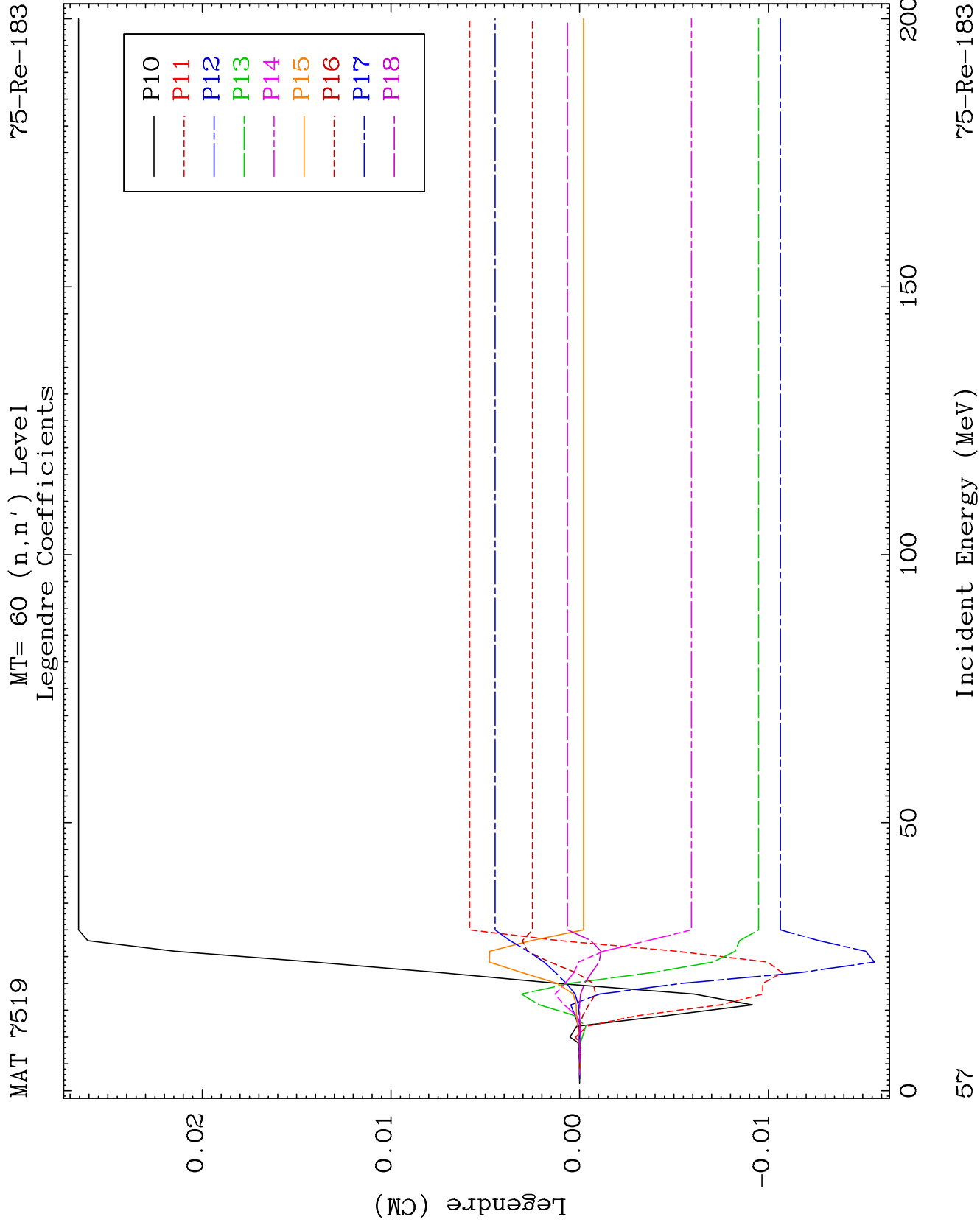
Incident Energy (MeV)

75-Re-183





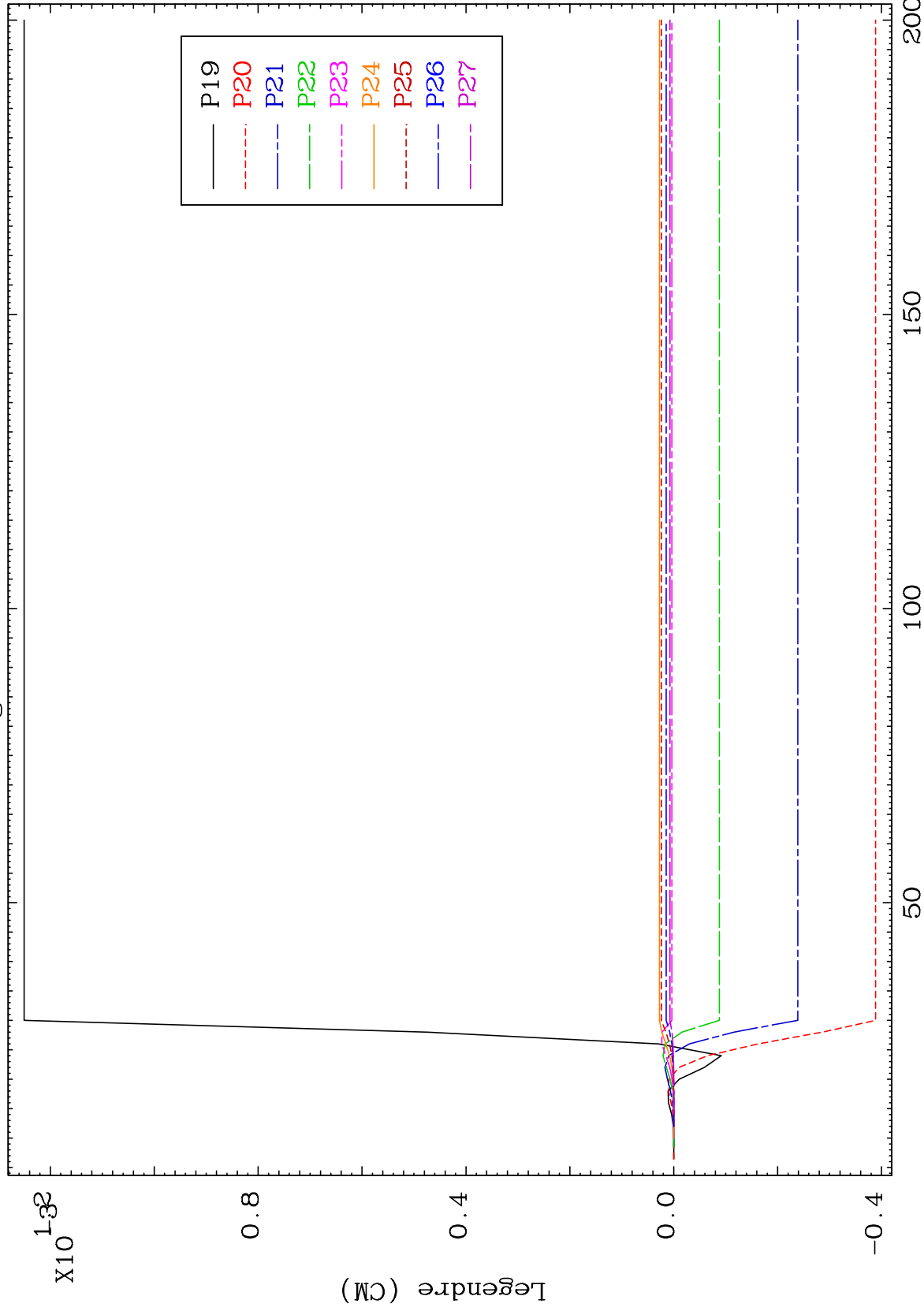




MAT 7519

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

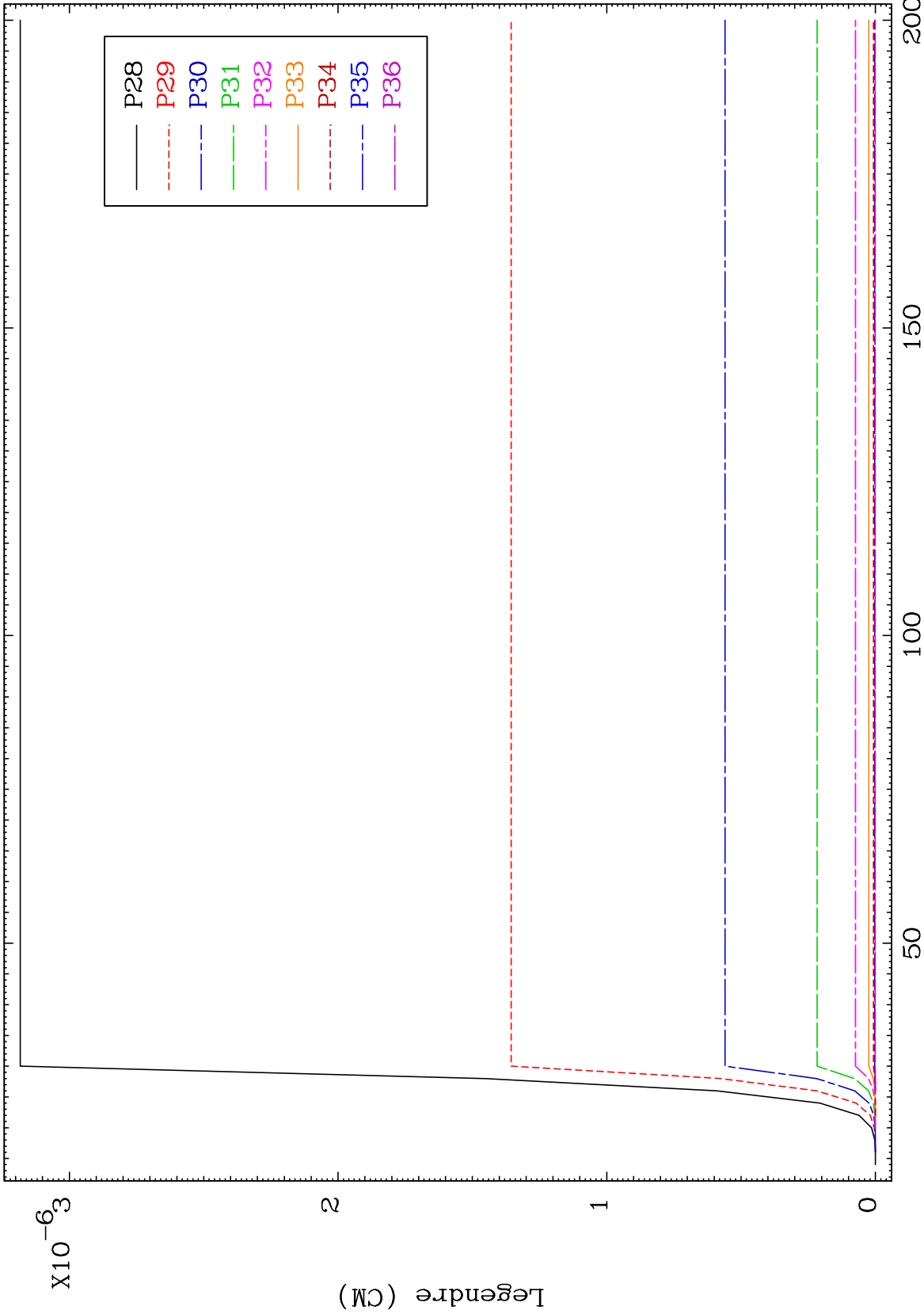
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58

Incident Energy (MeV)

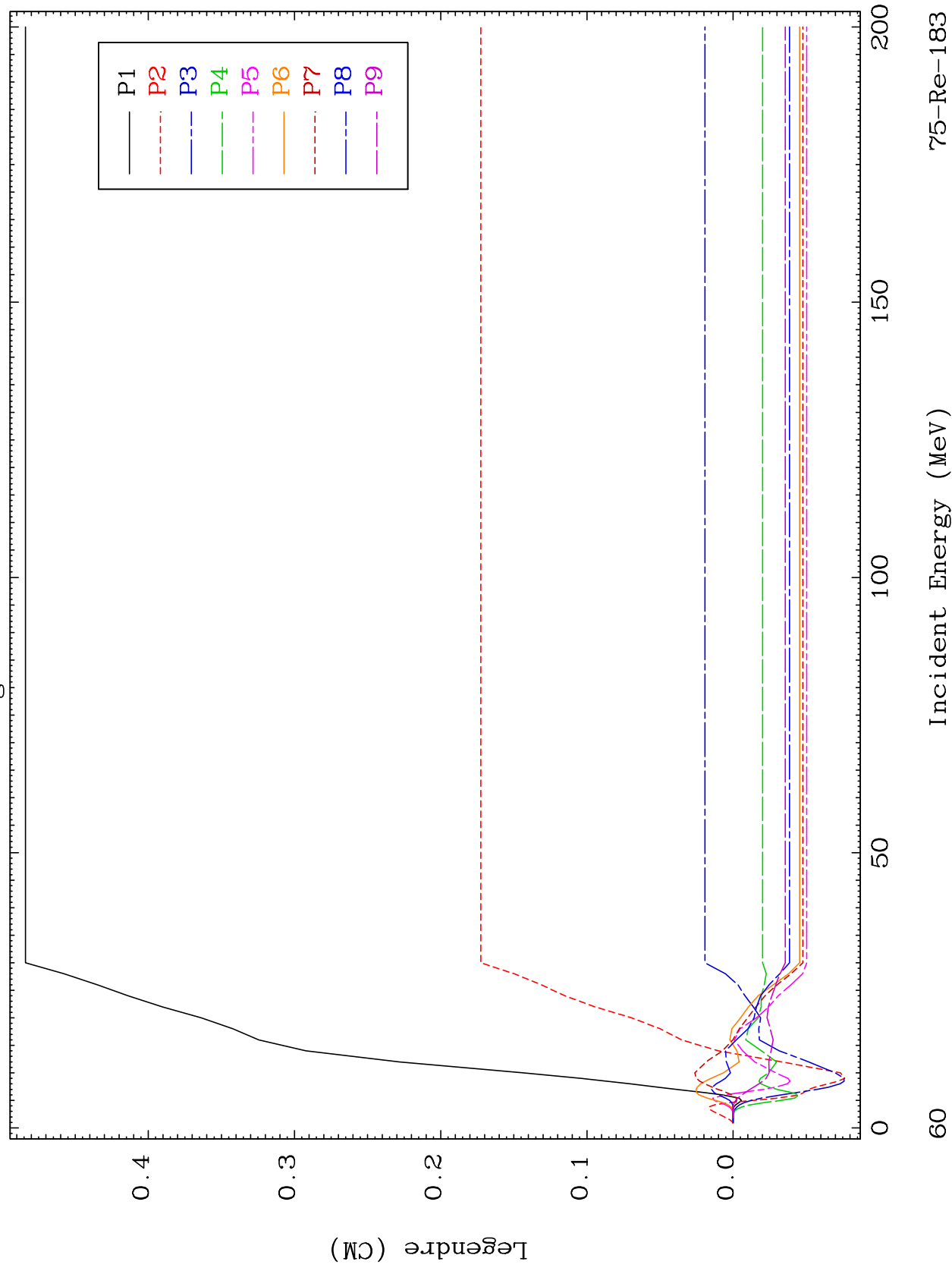
75-Re-183



MAT 7519

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

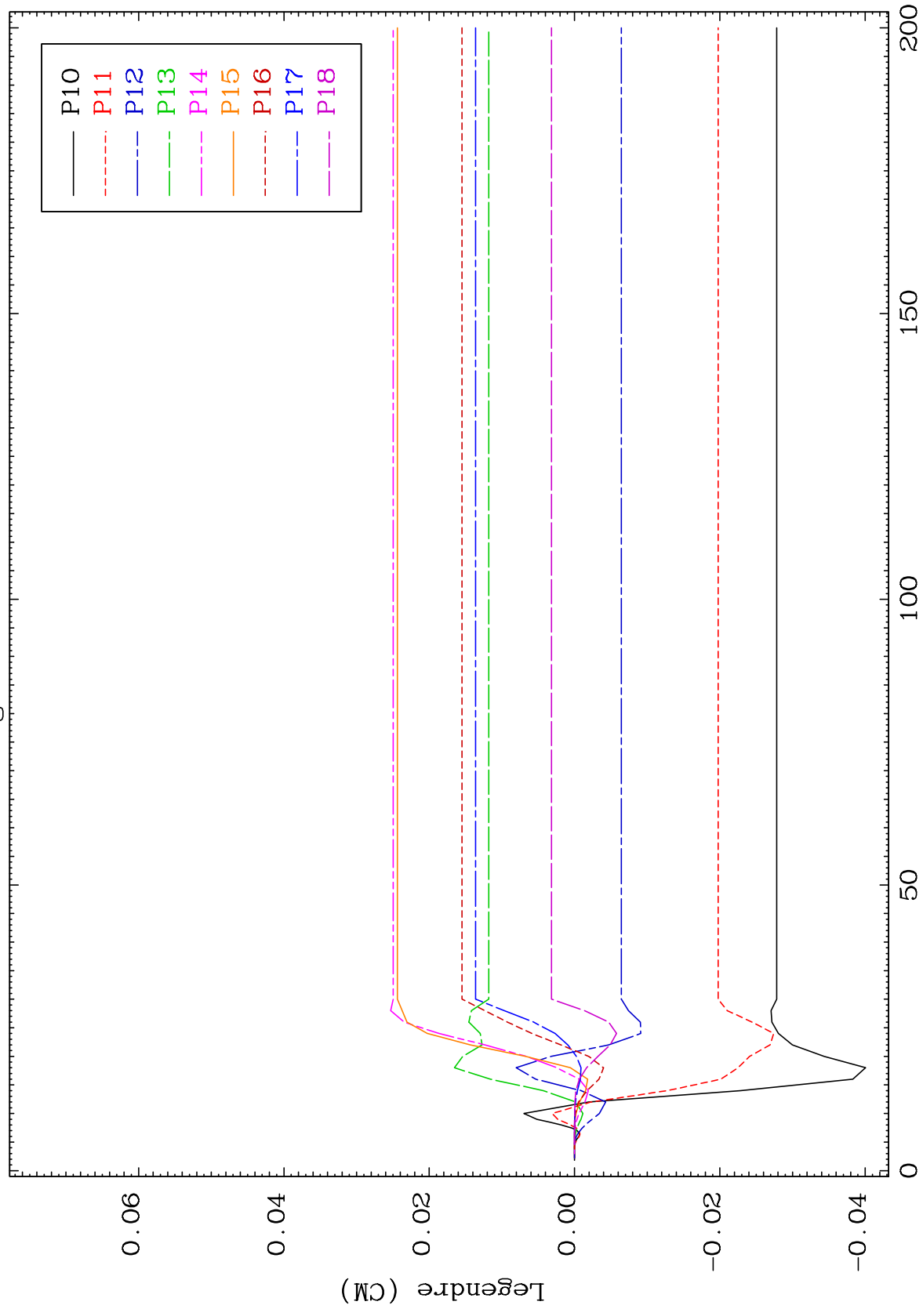
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MAT 7519

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

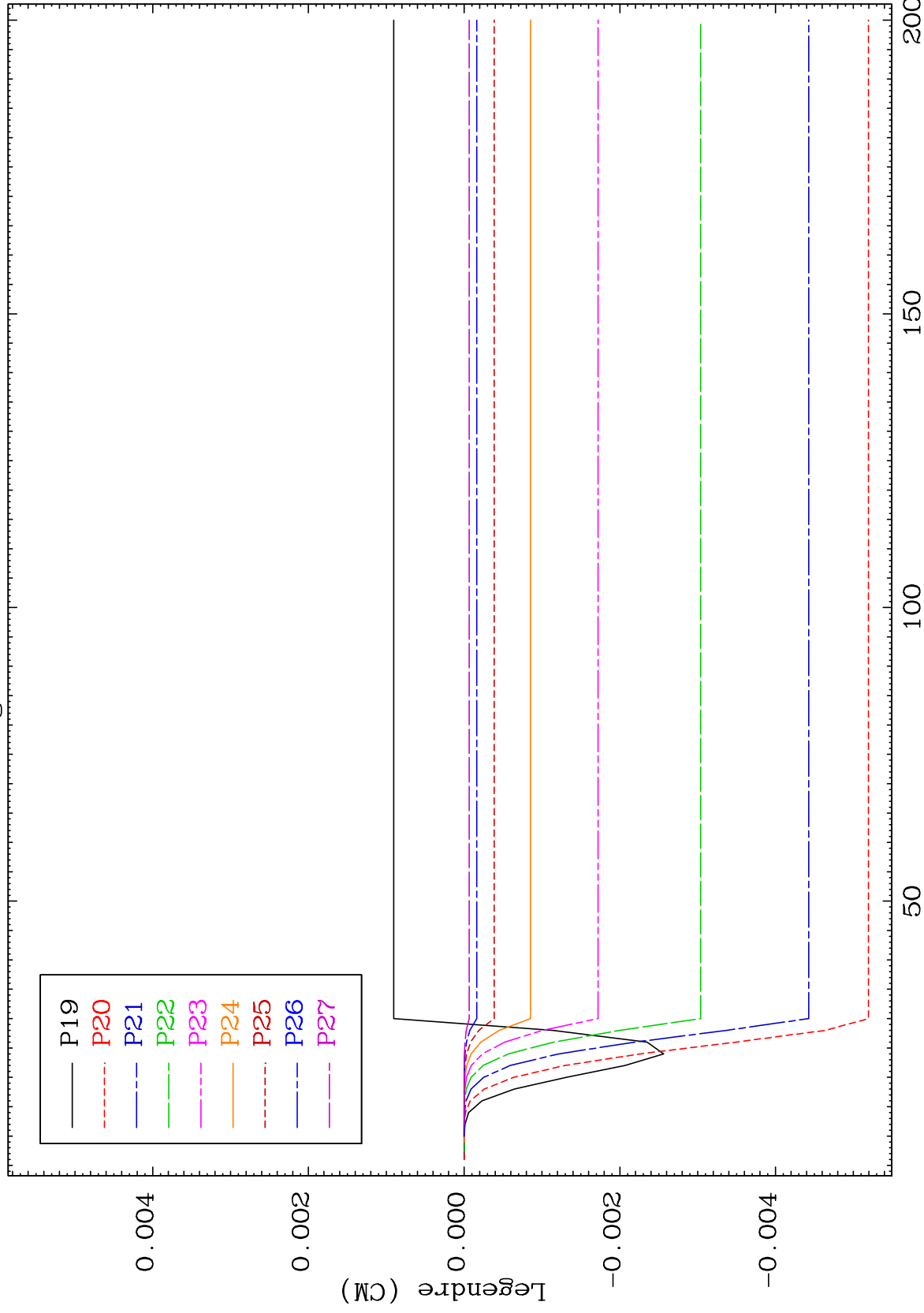
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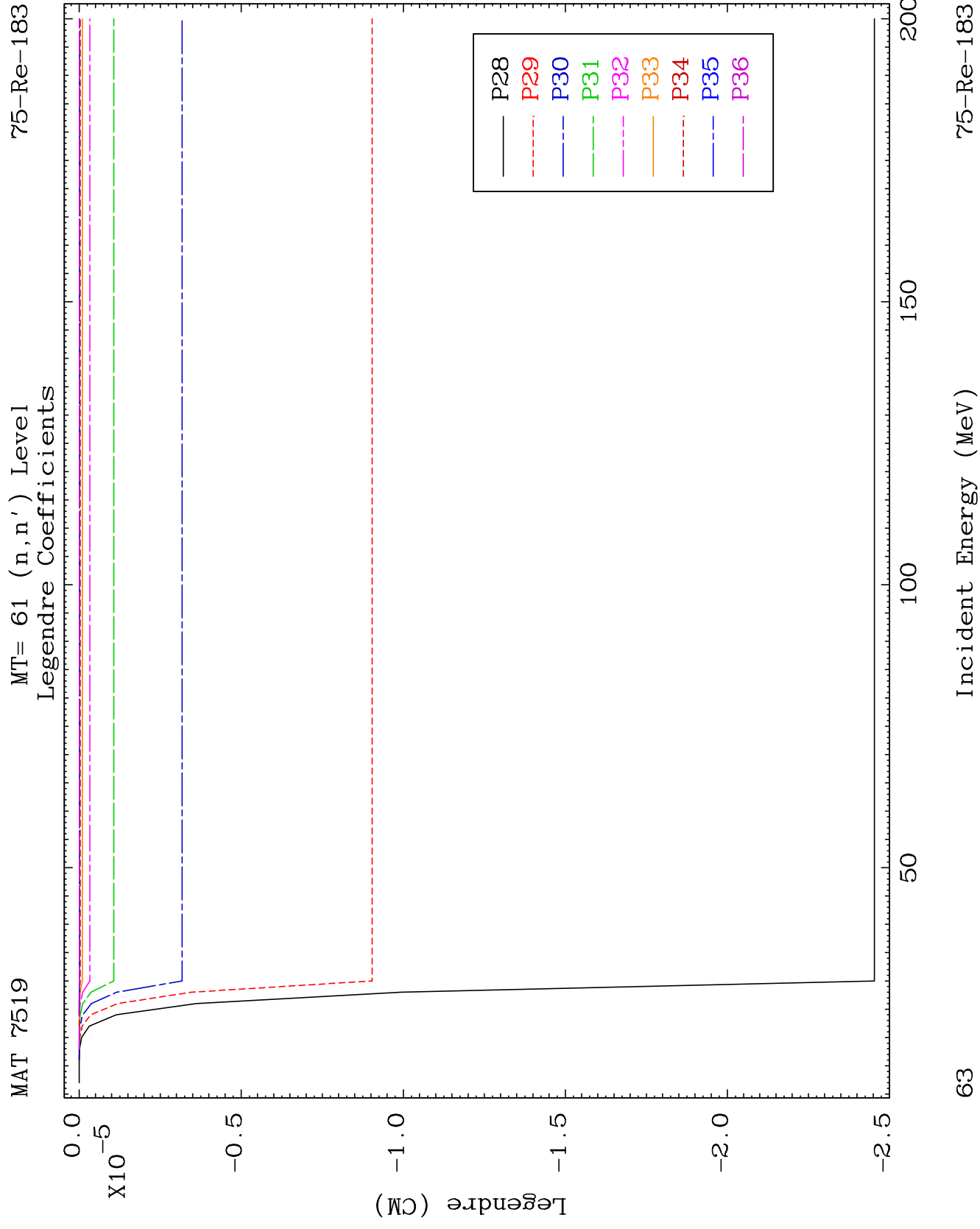


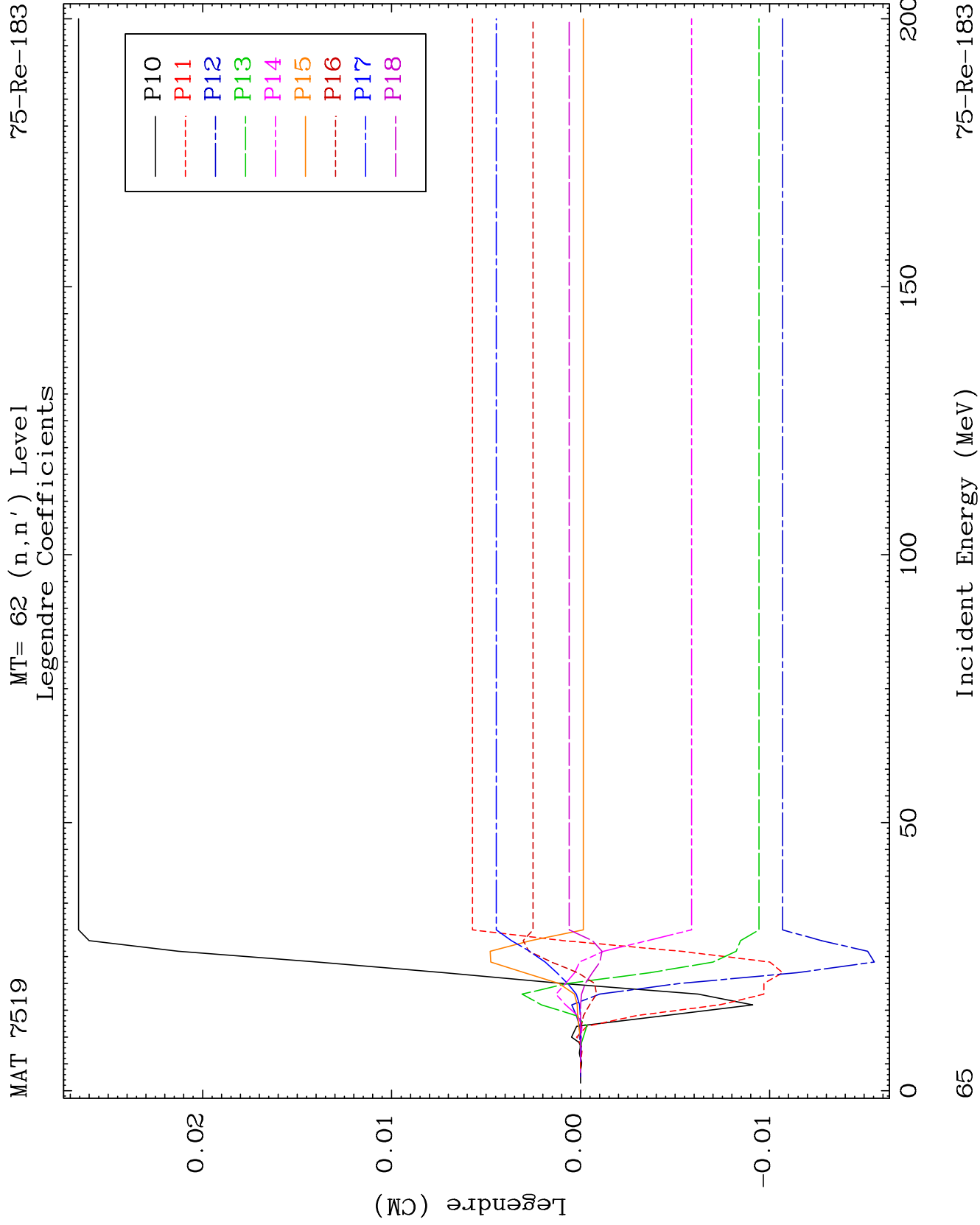
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Incident Energy (MeV)

75-Re-183



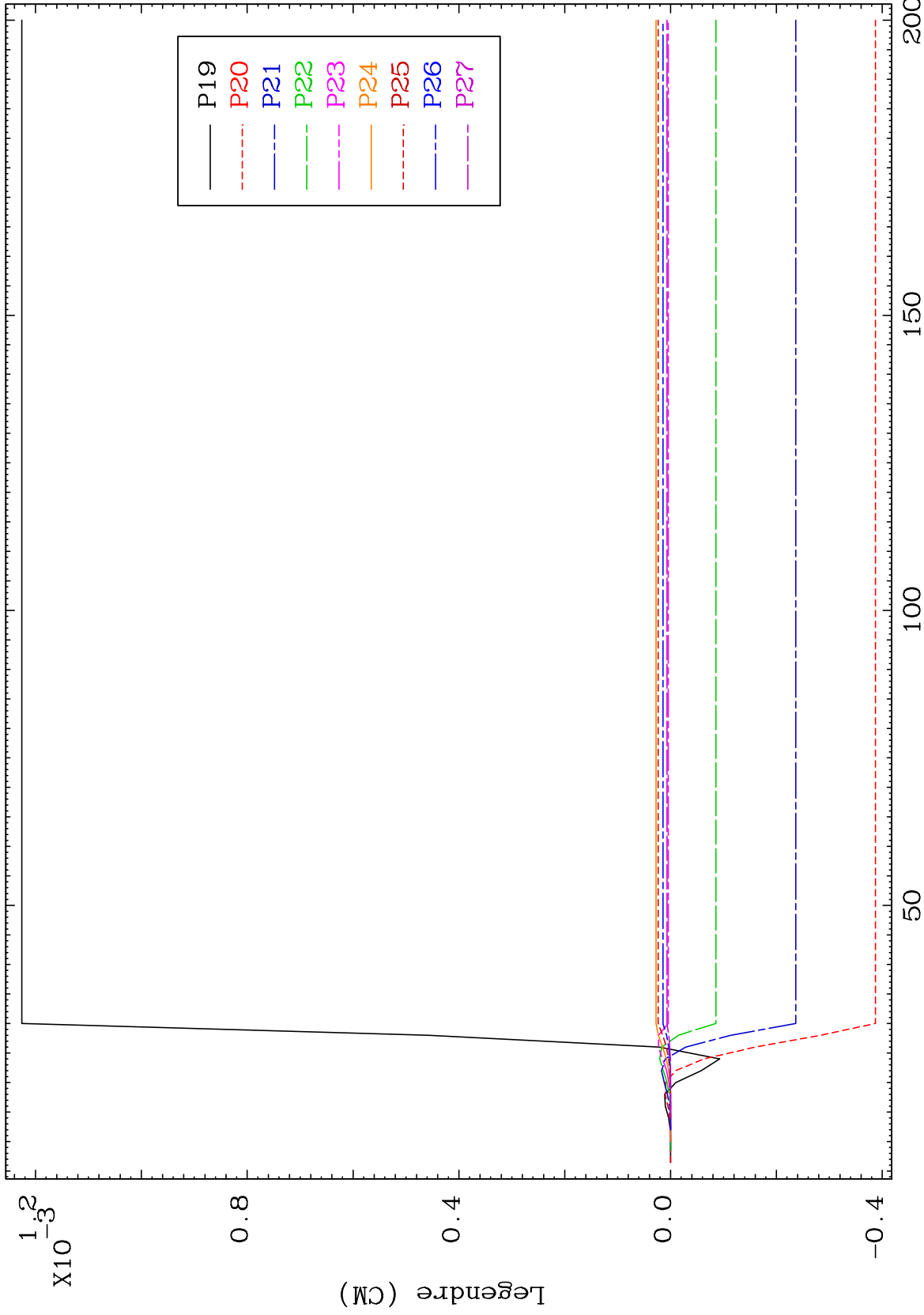




MAT 7519

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

75-Re-183



66

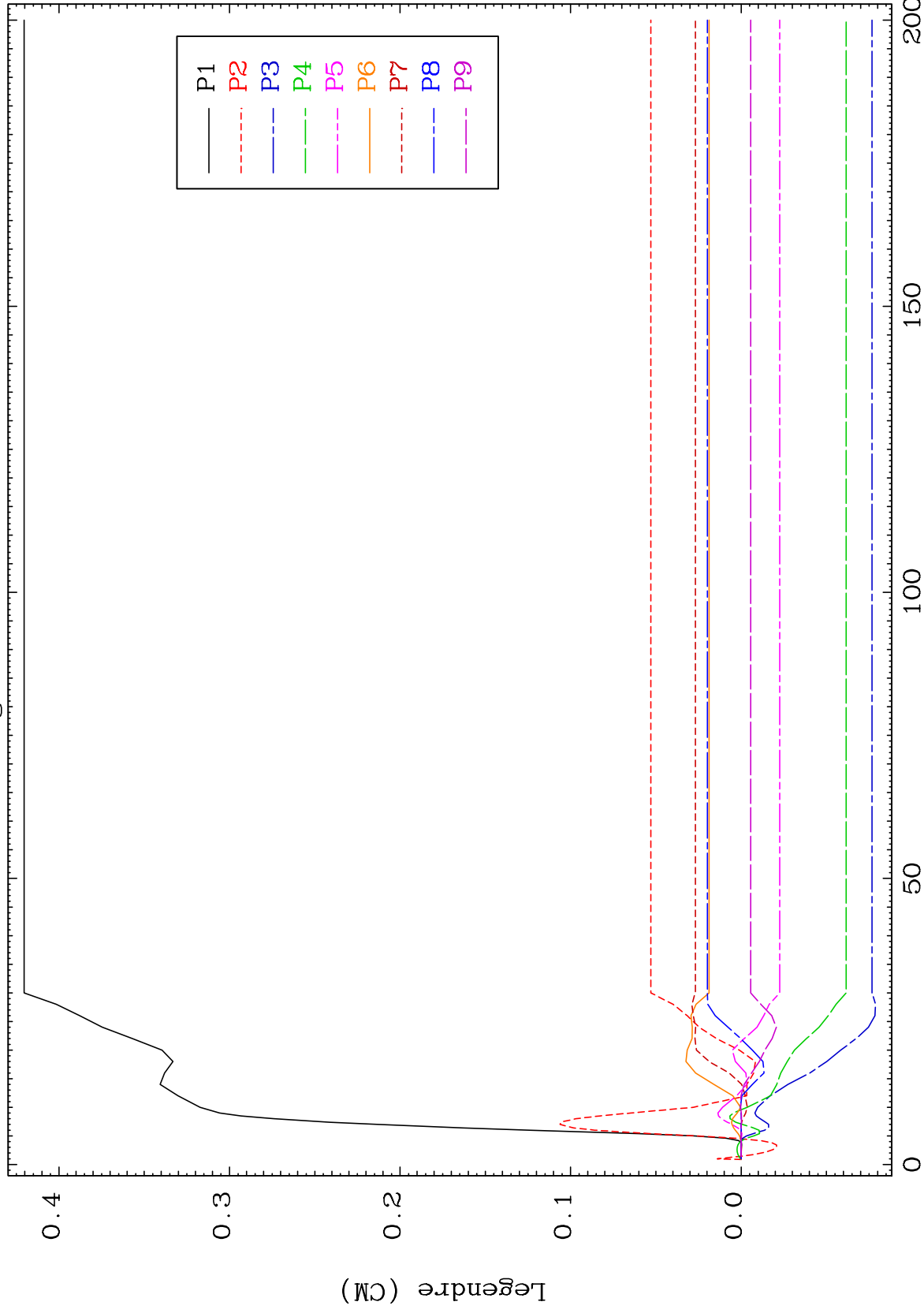
Incident Energy (MeV)

75-Re-183

MAT 7519

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

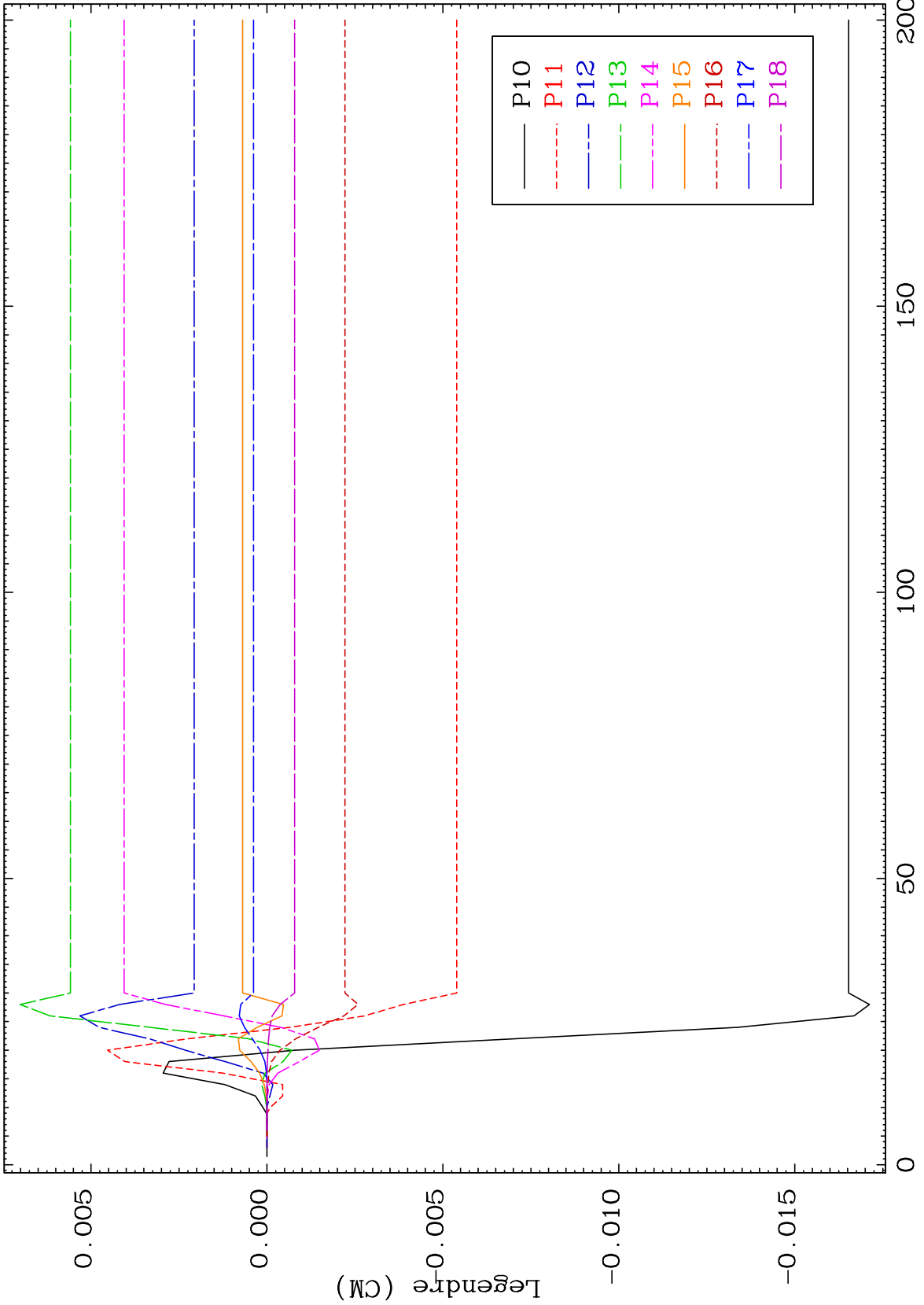
75-Re-183



68

Incident Energy (MeV)

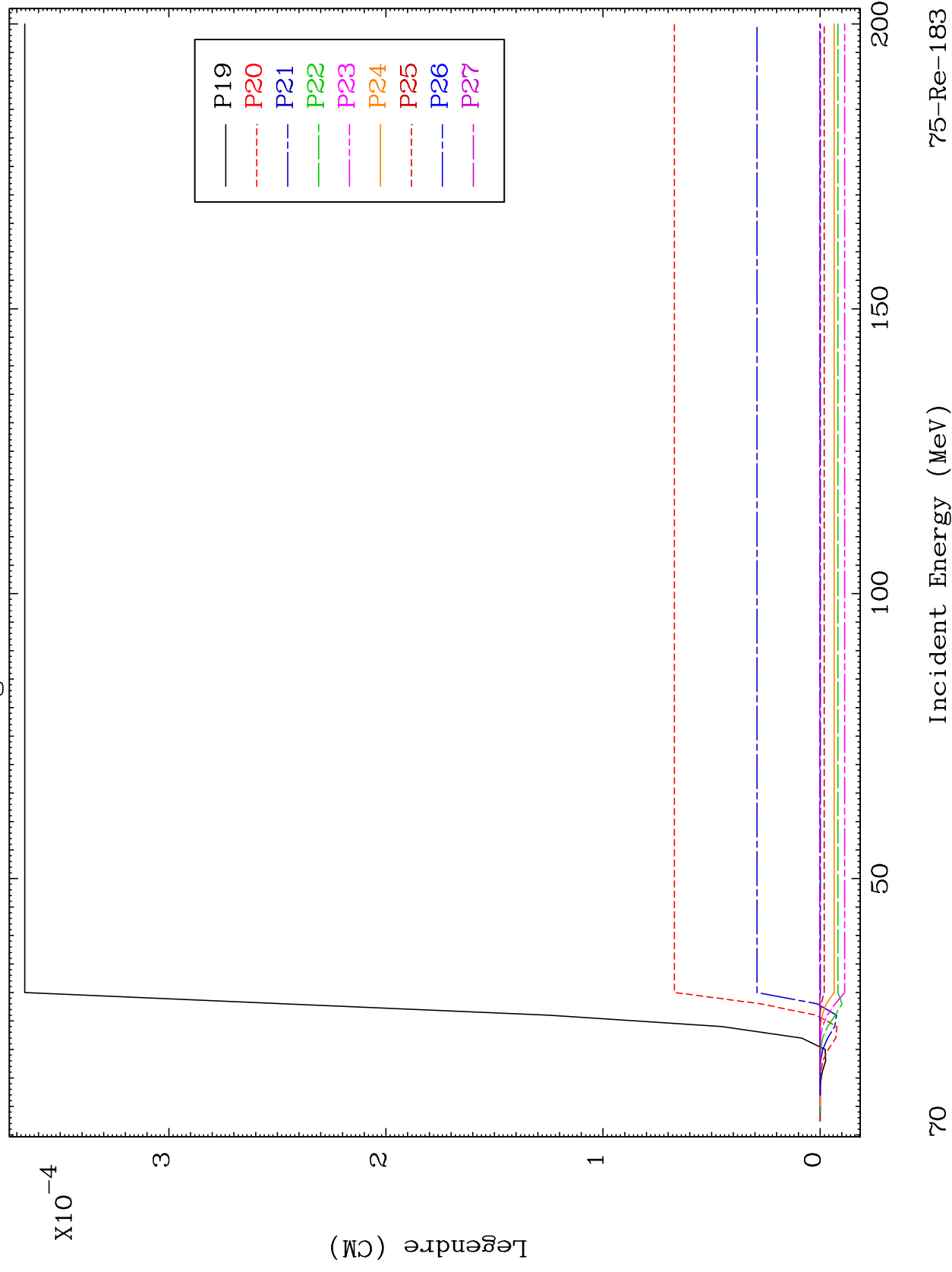
75-Re-183



MAT 7519

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

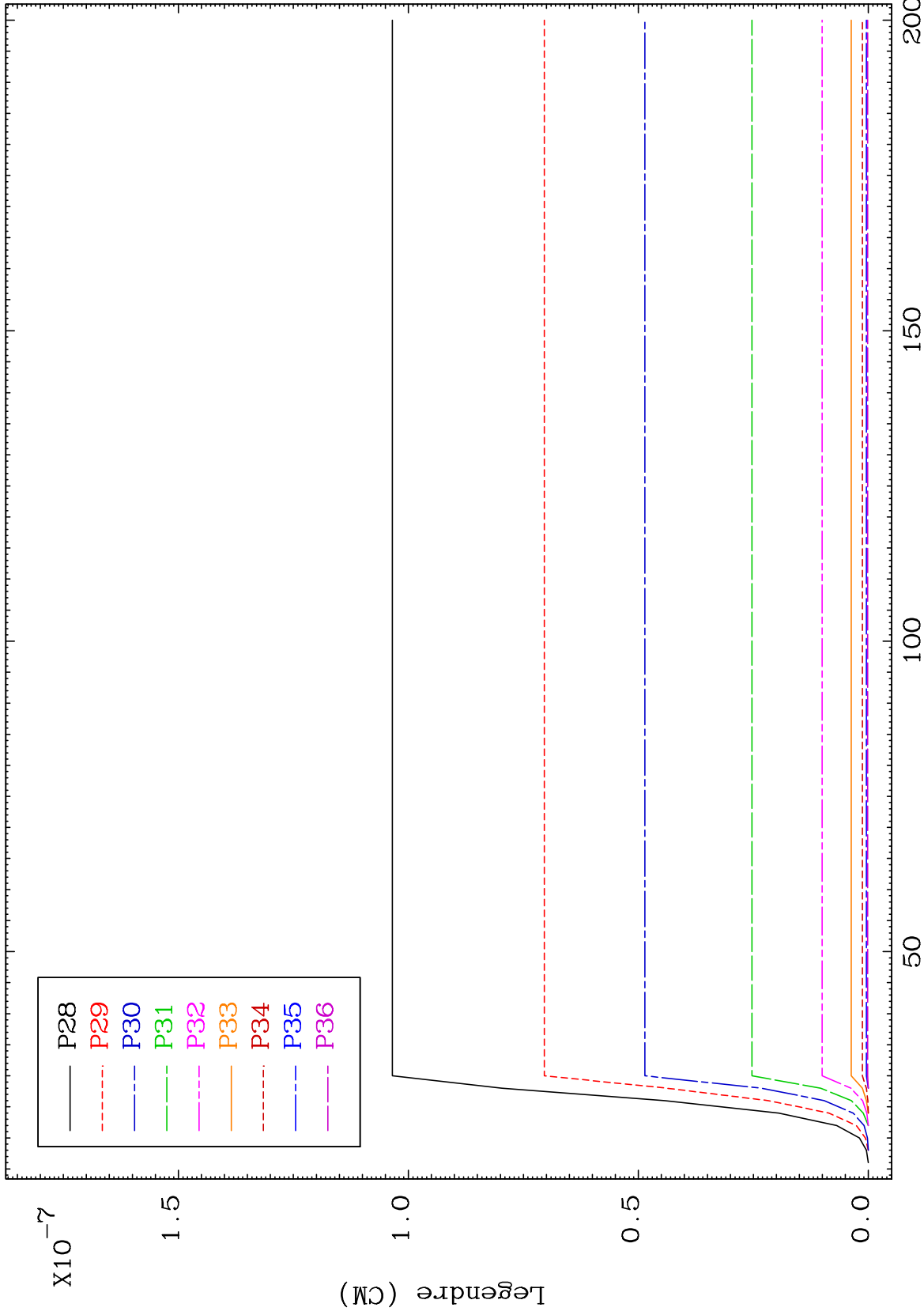
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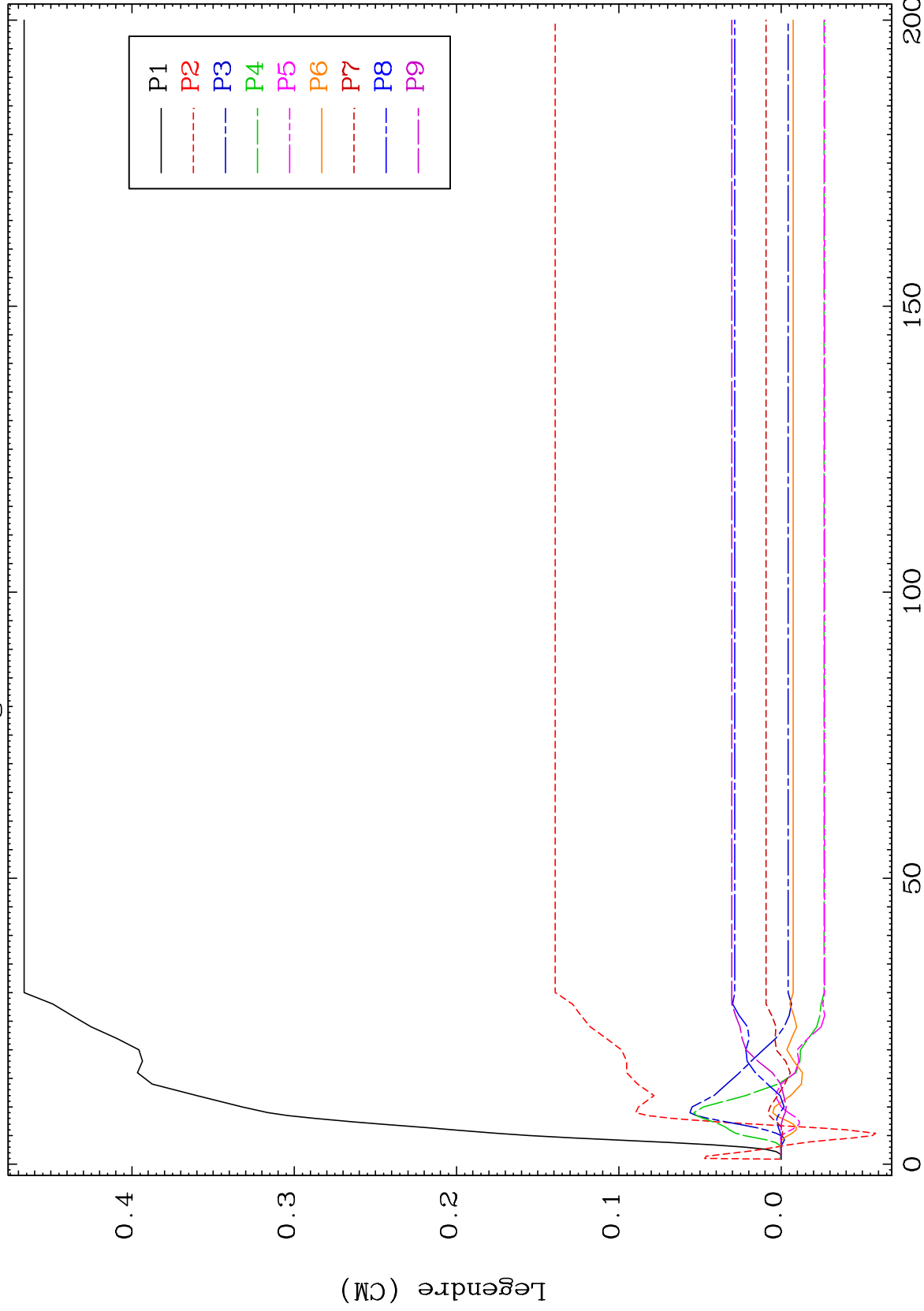


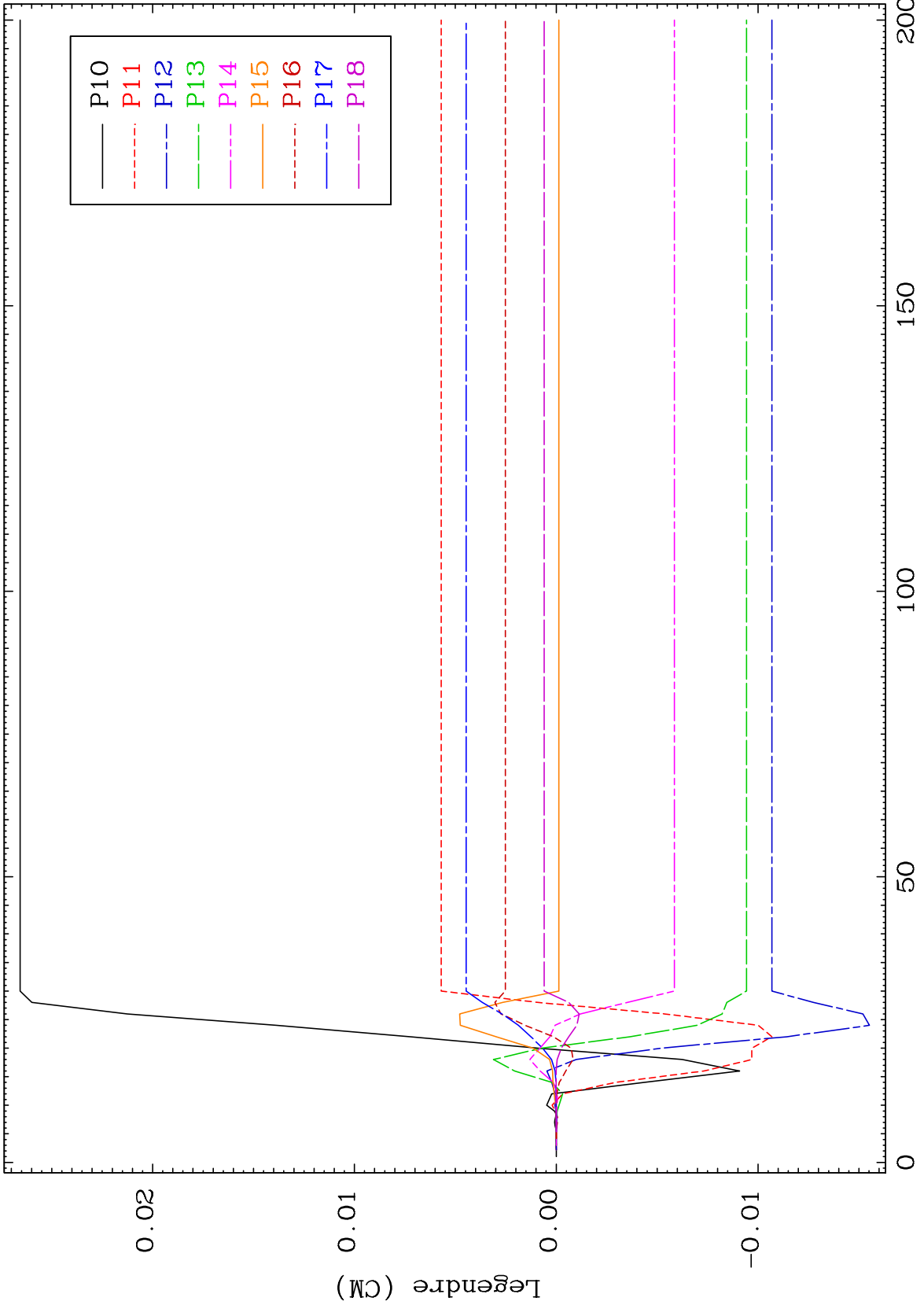
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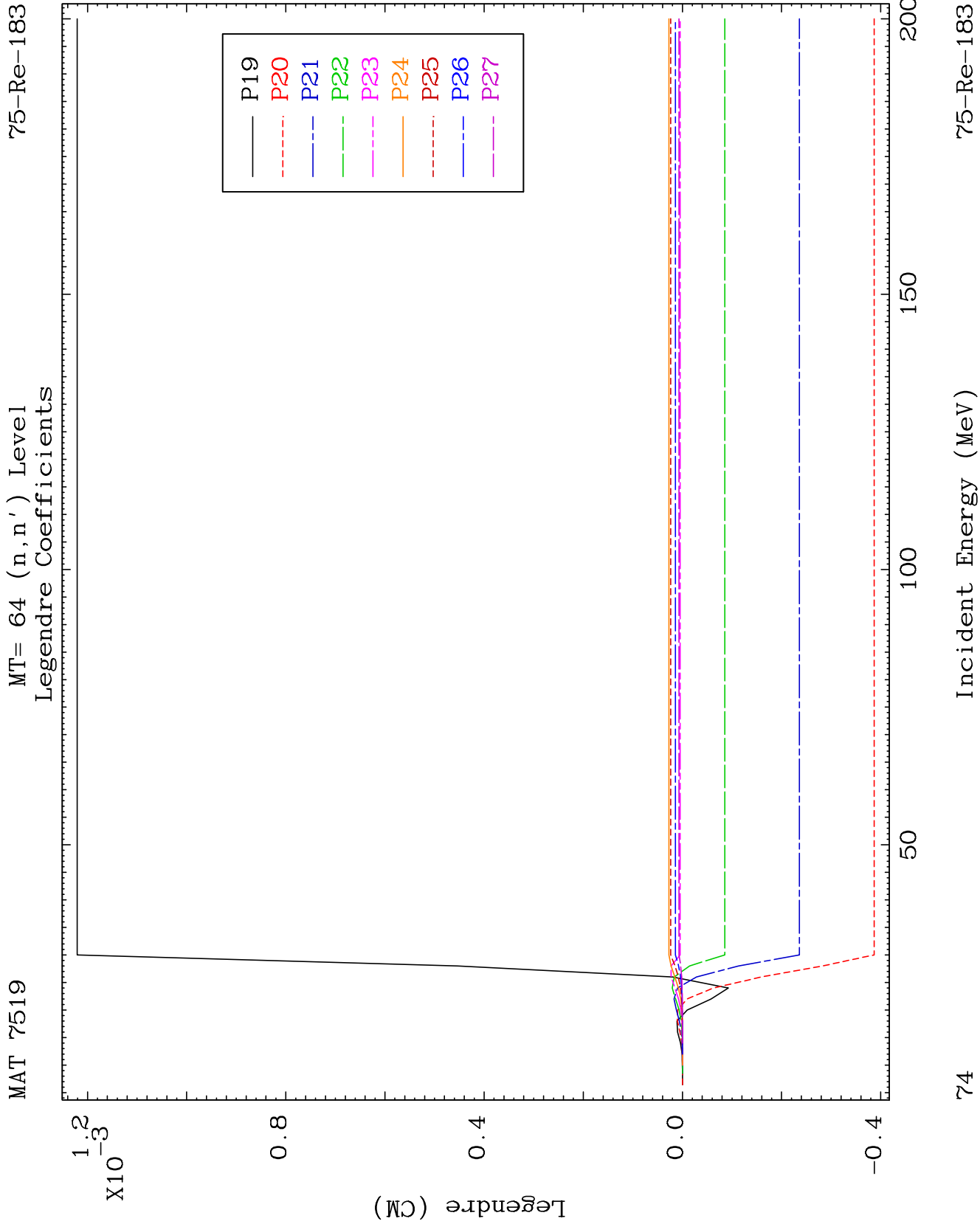
MT= 63 (n,n') Level
Legendre Coefficients

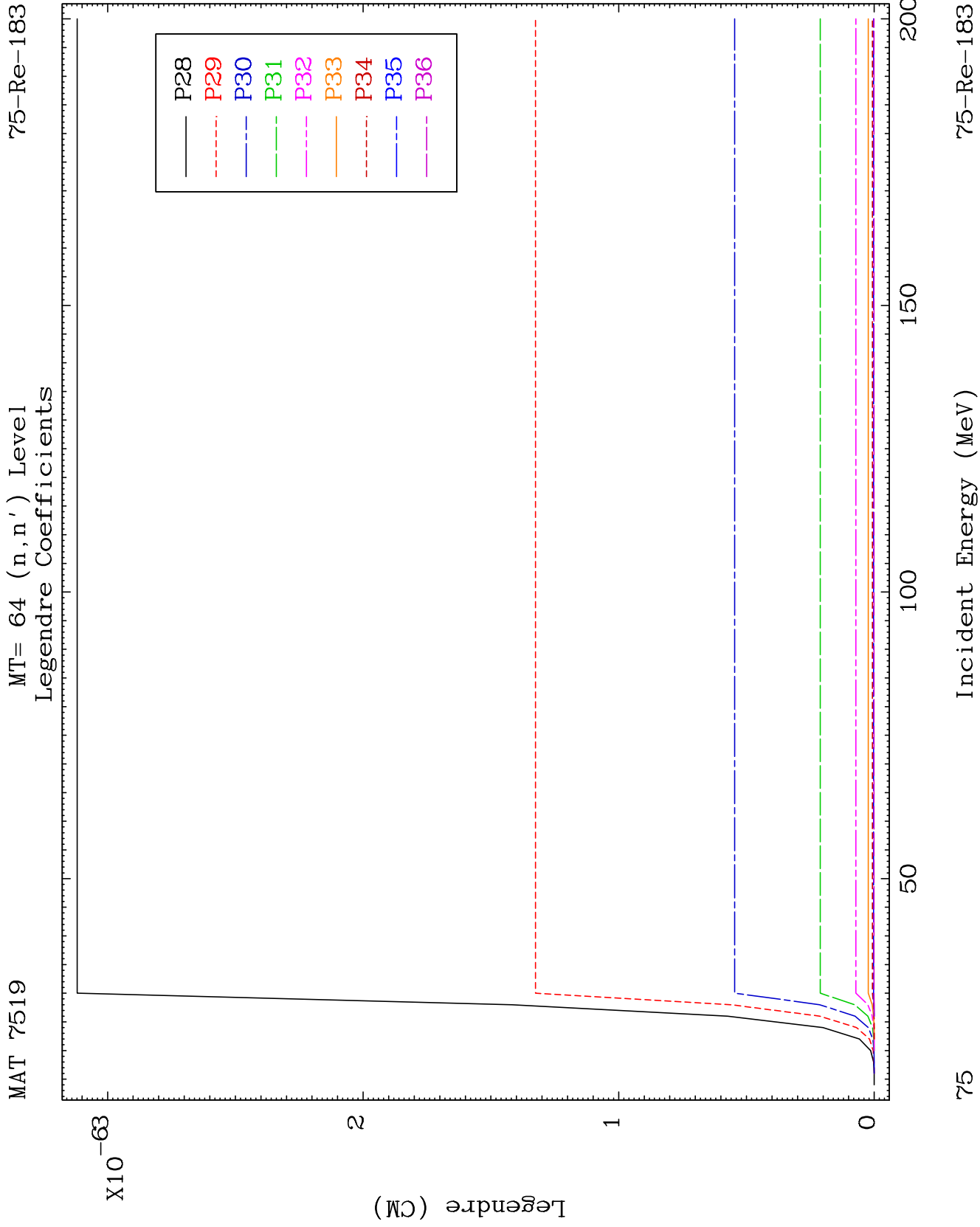
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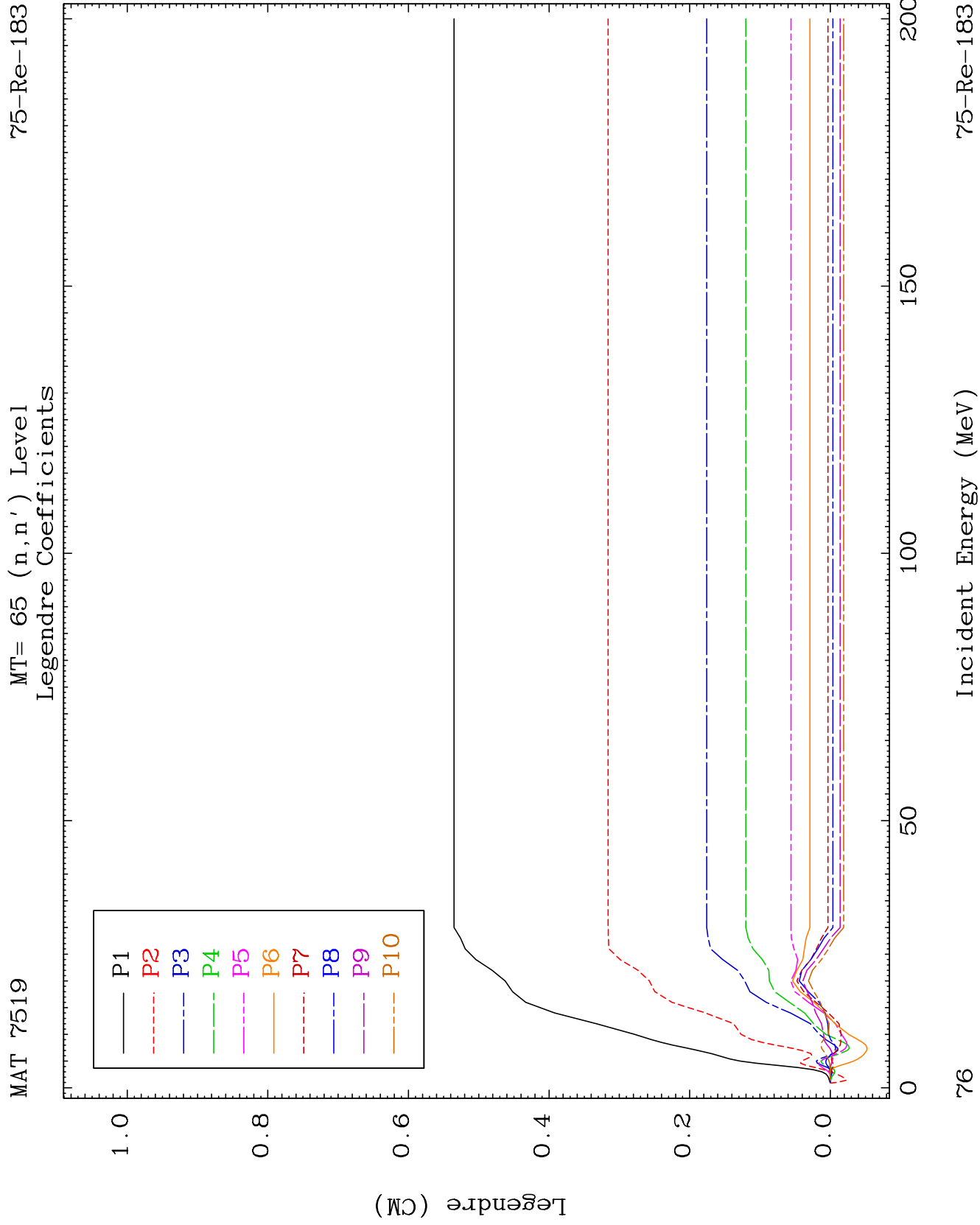


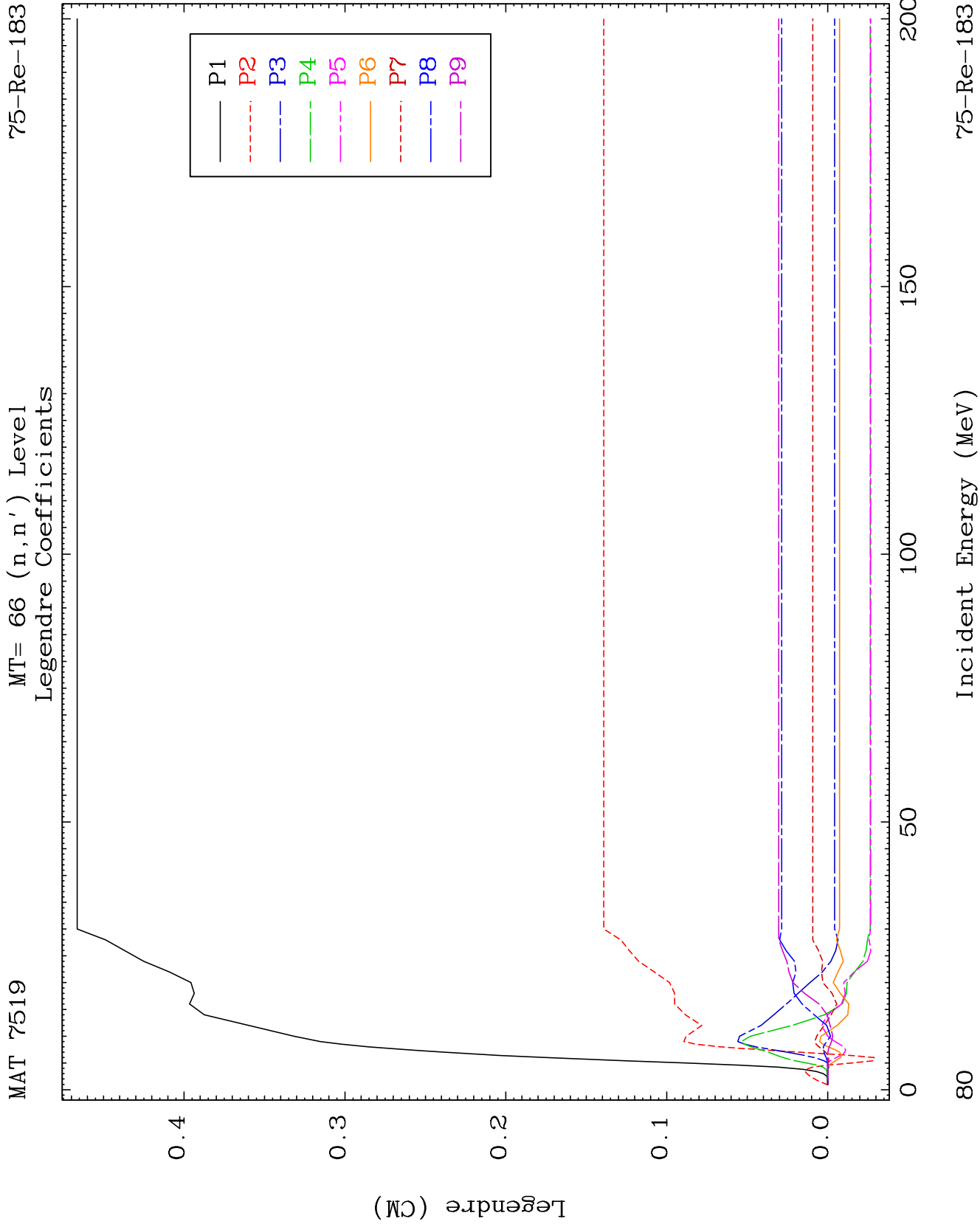


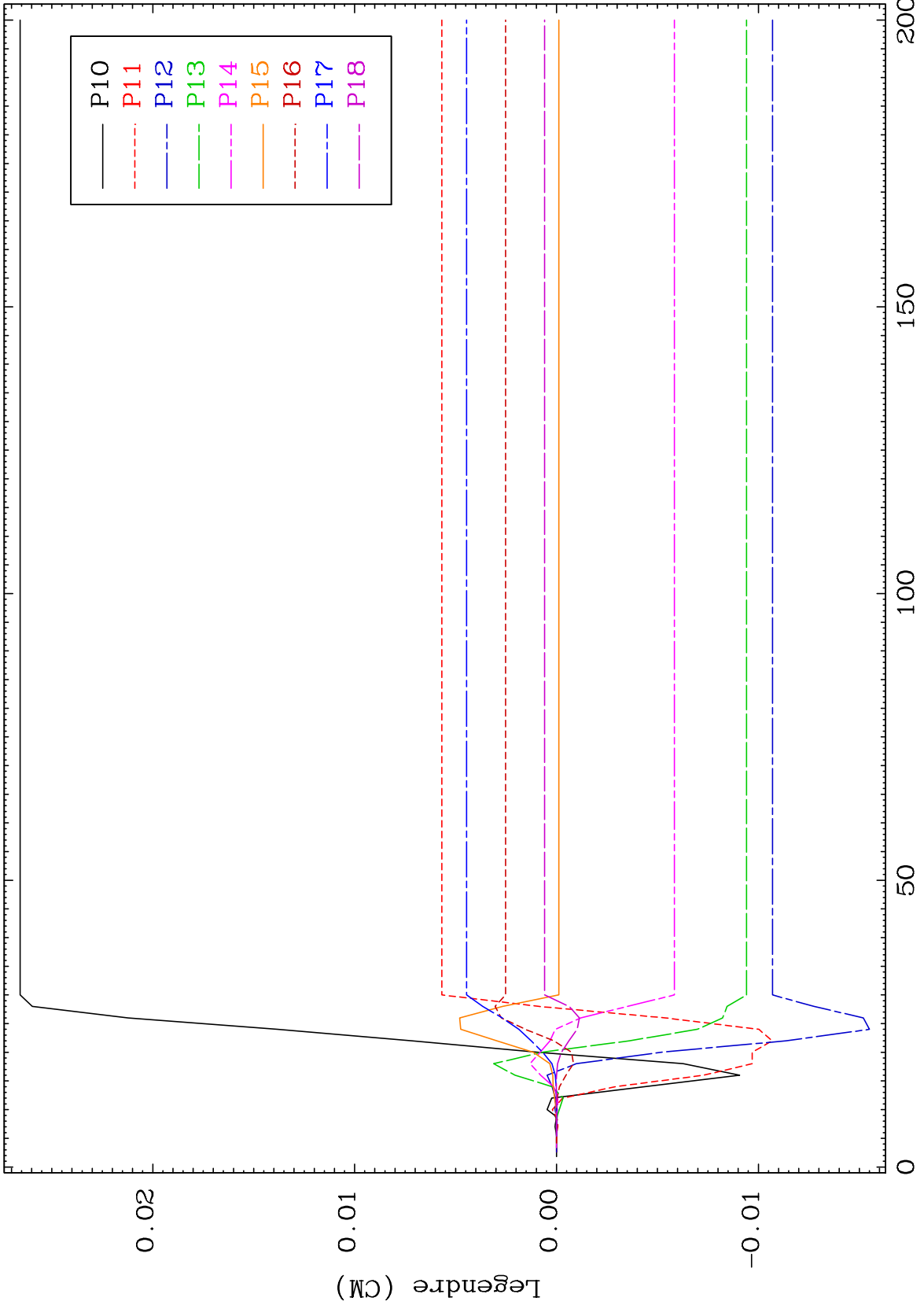








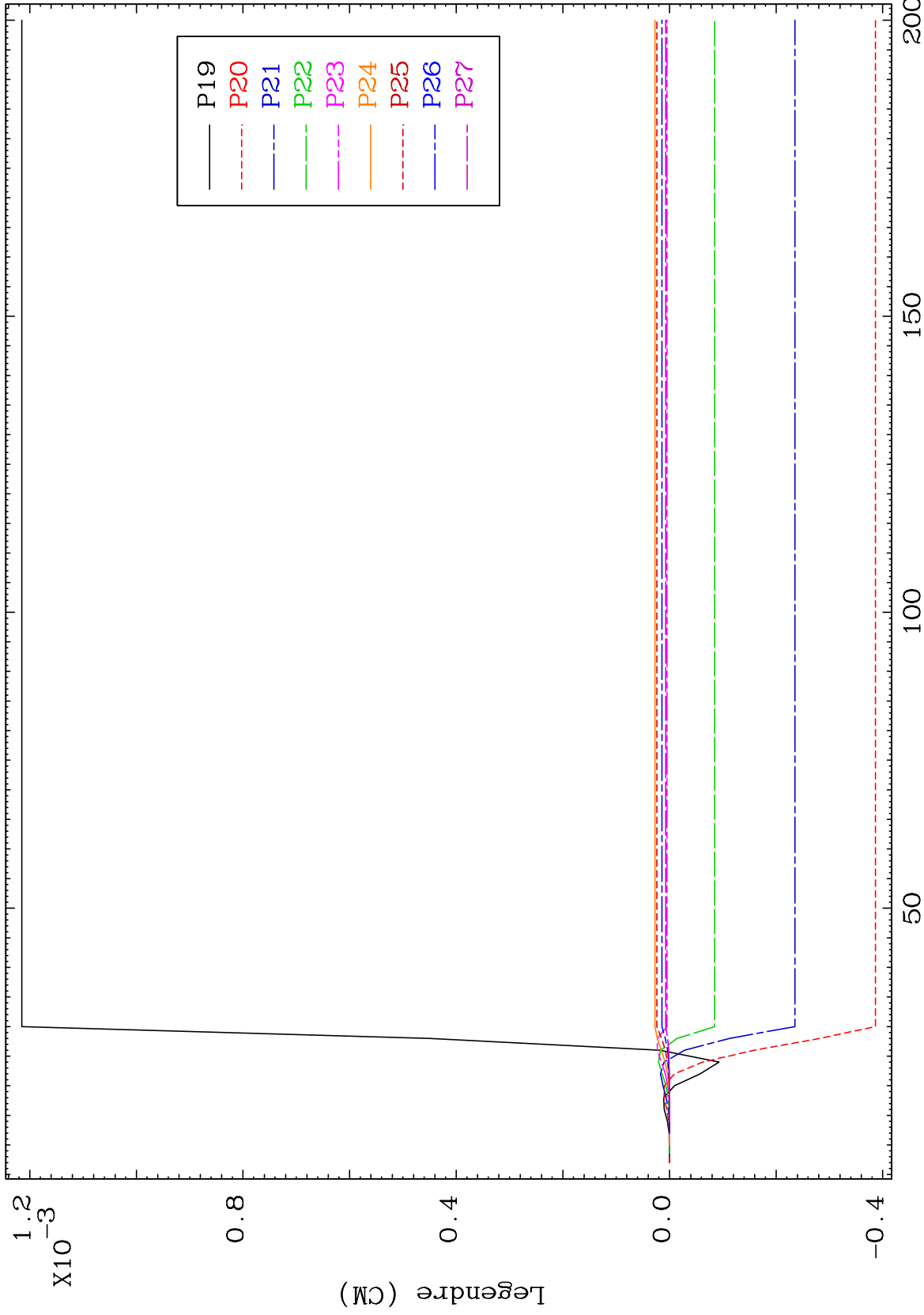




MAT 7519

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

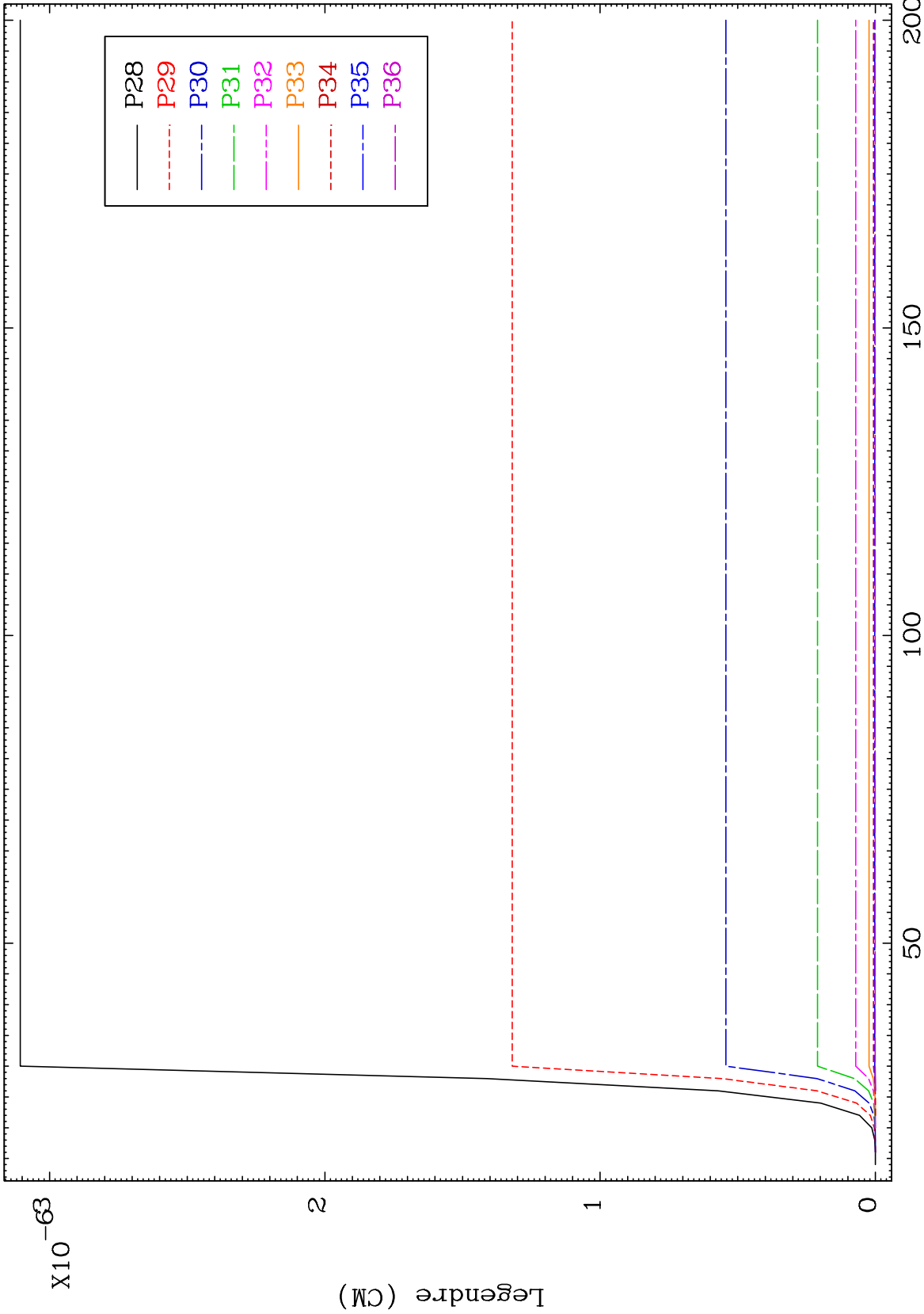
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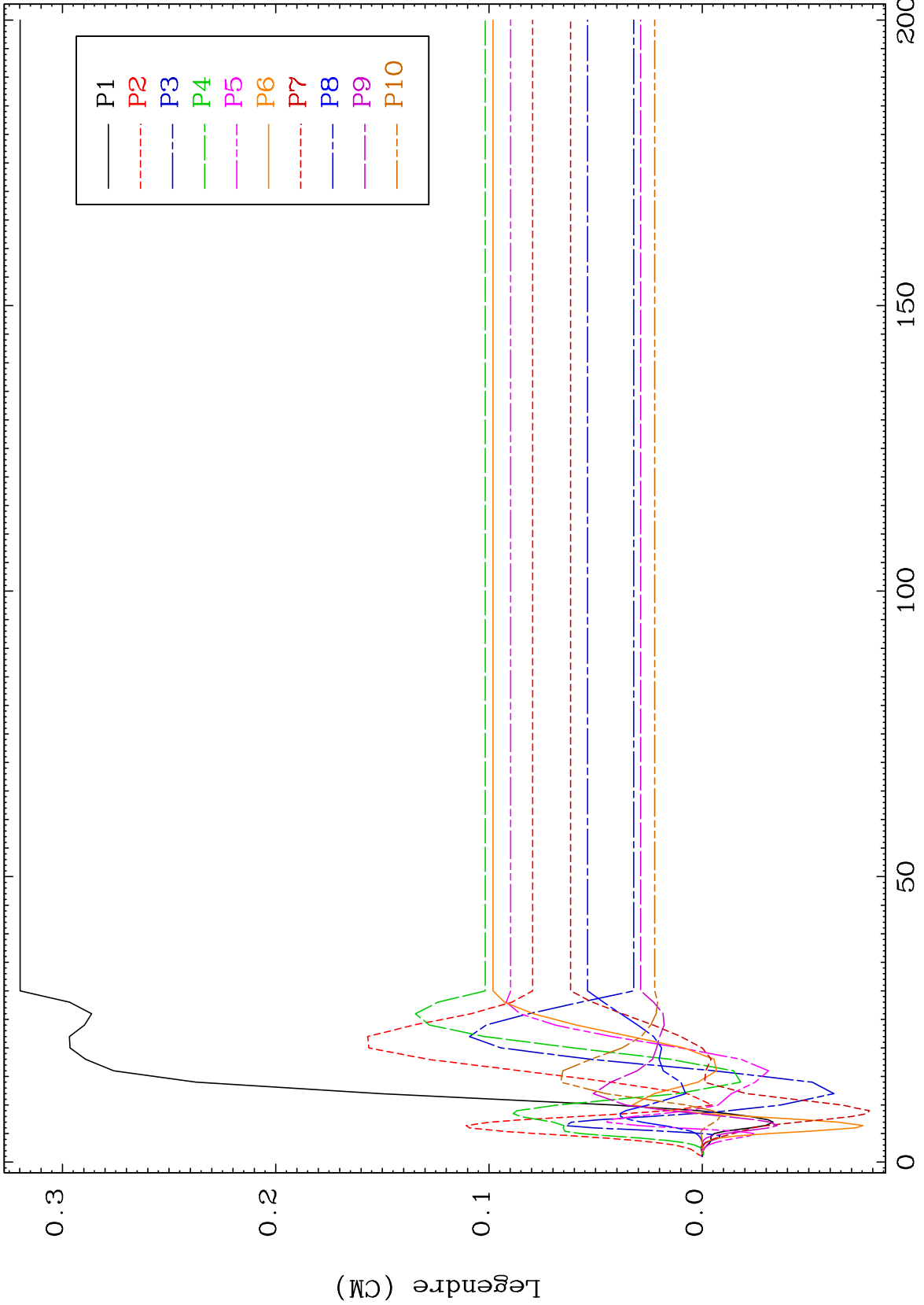


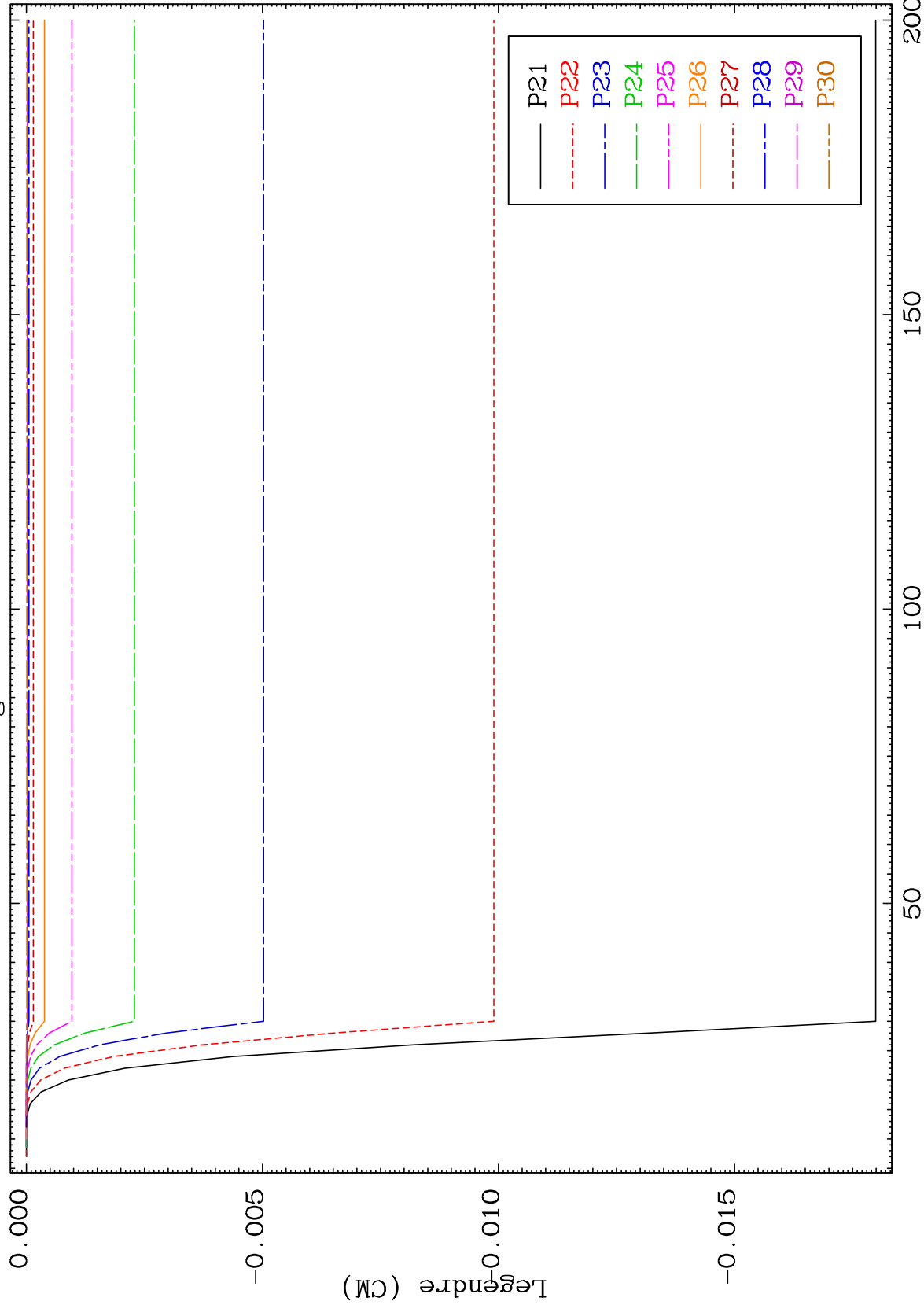
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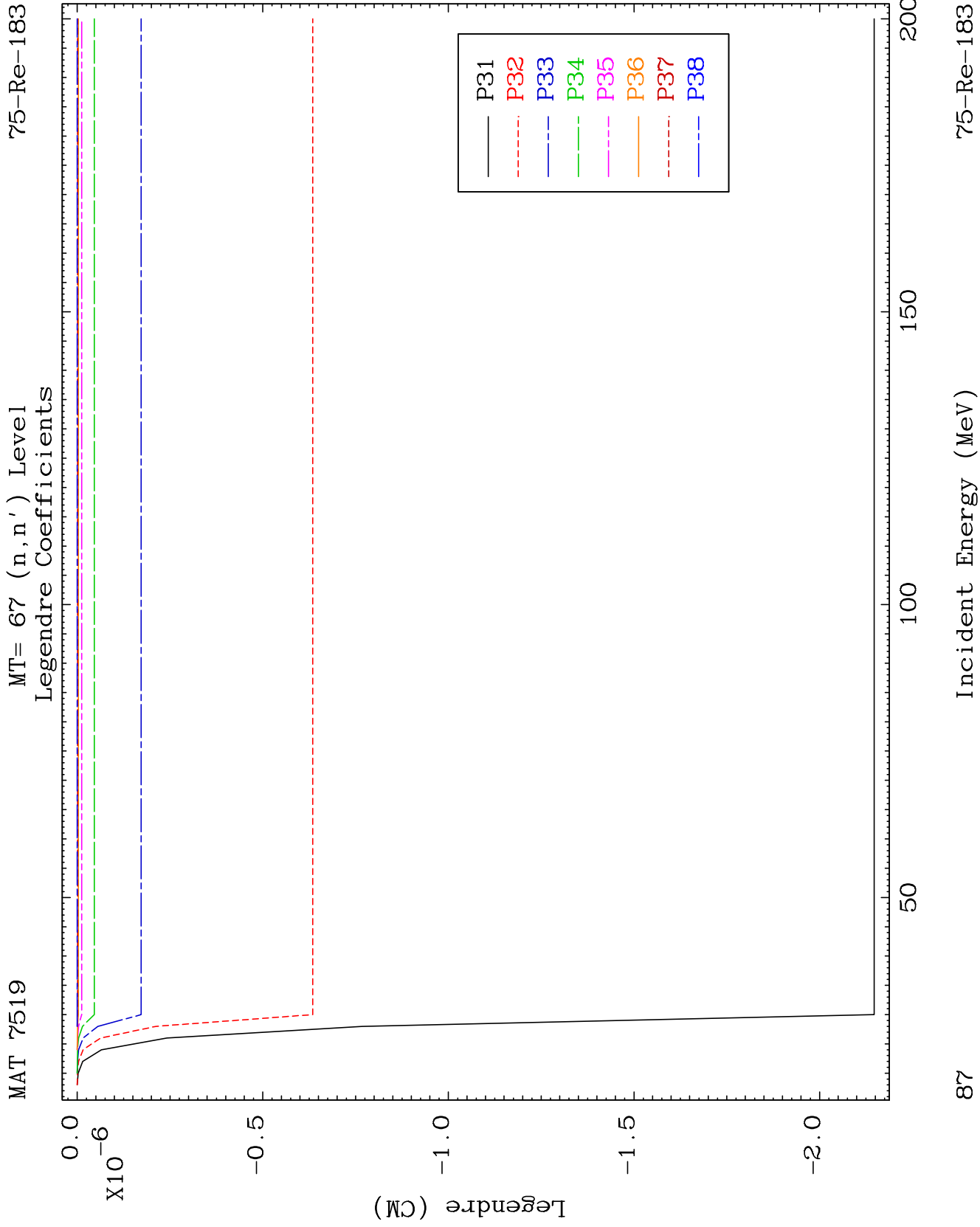
Incident Energy (MeV)

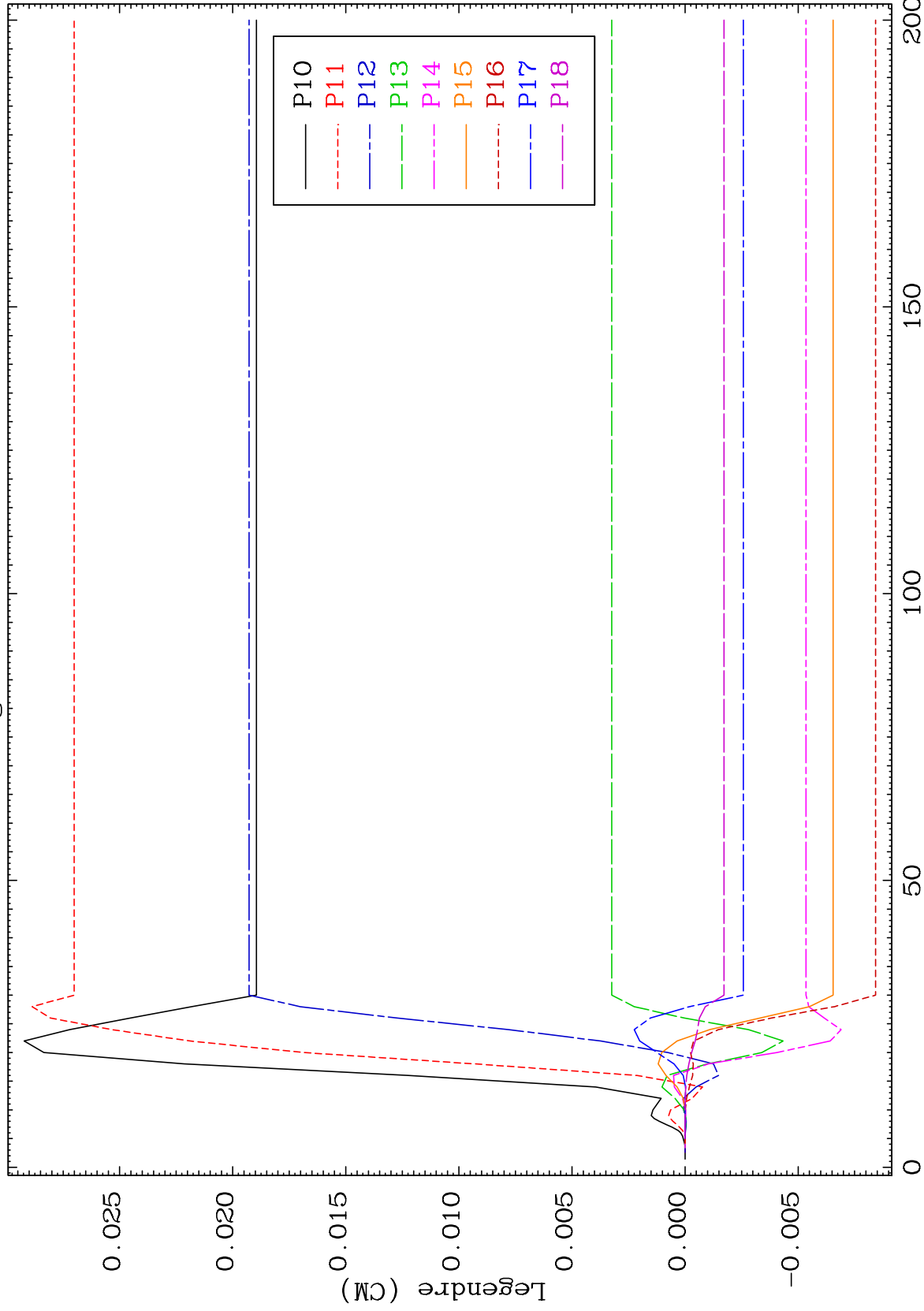
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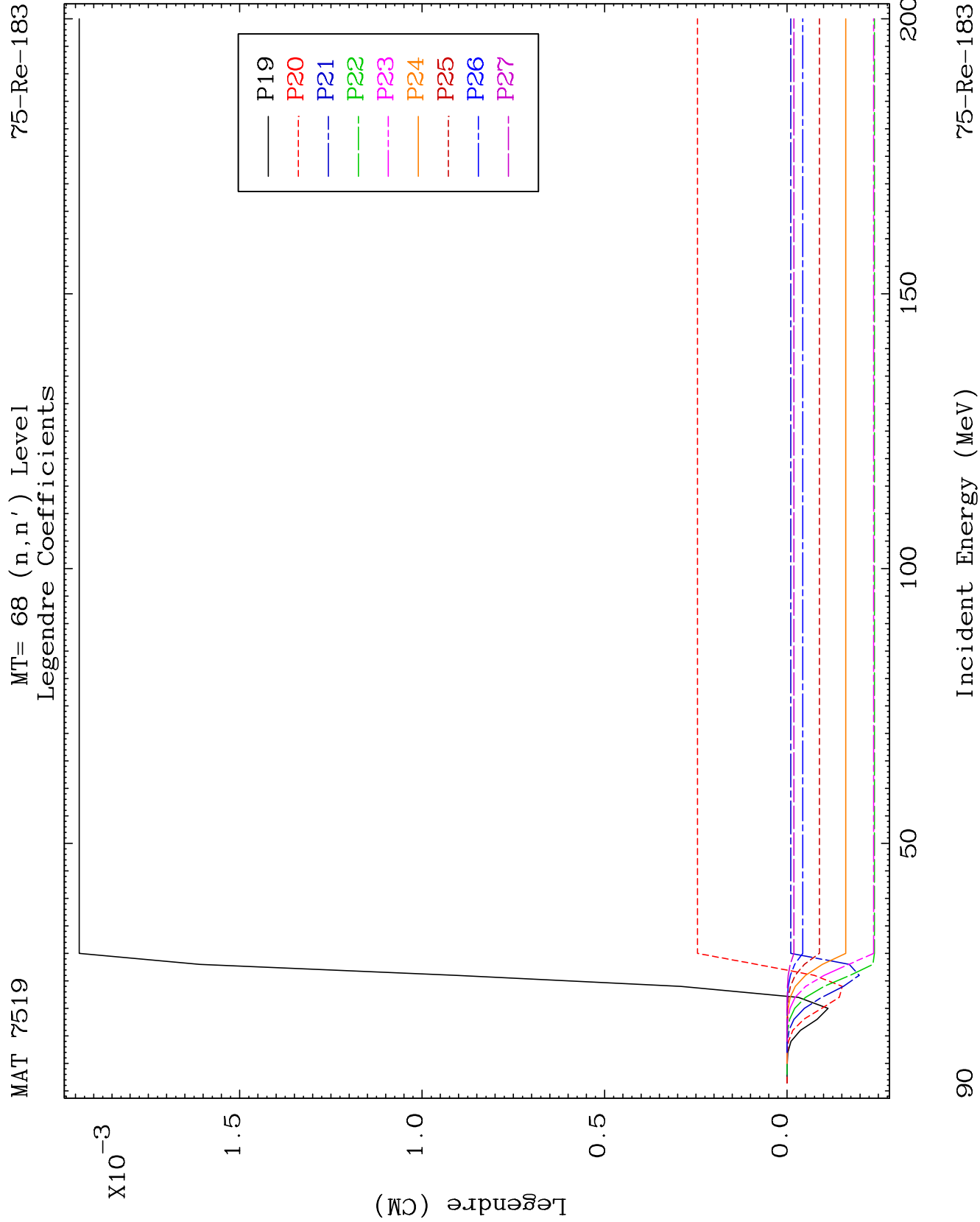


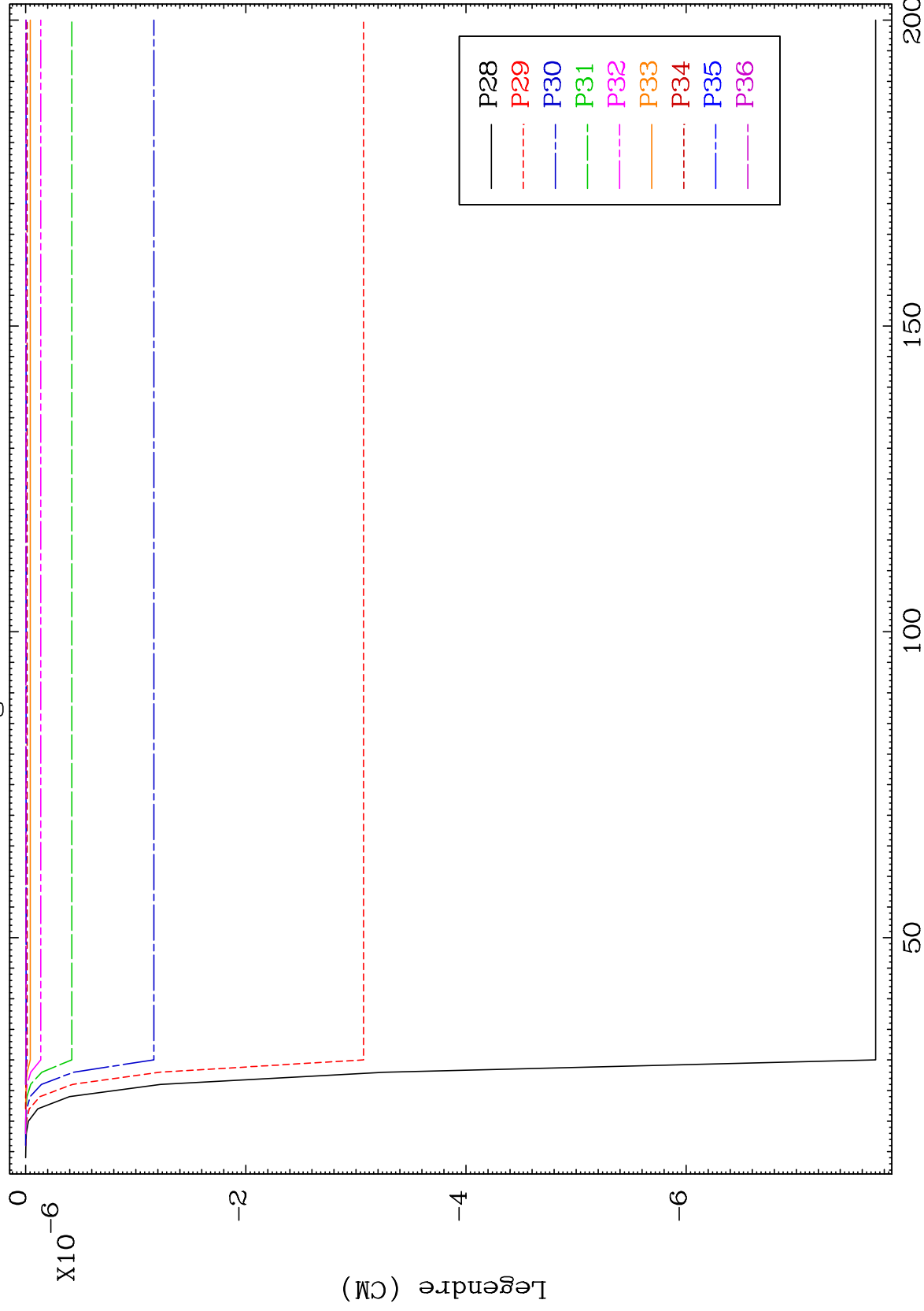


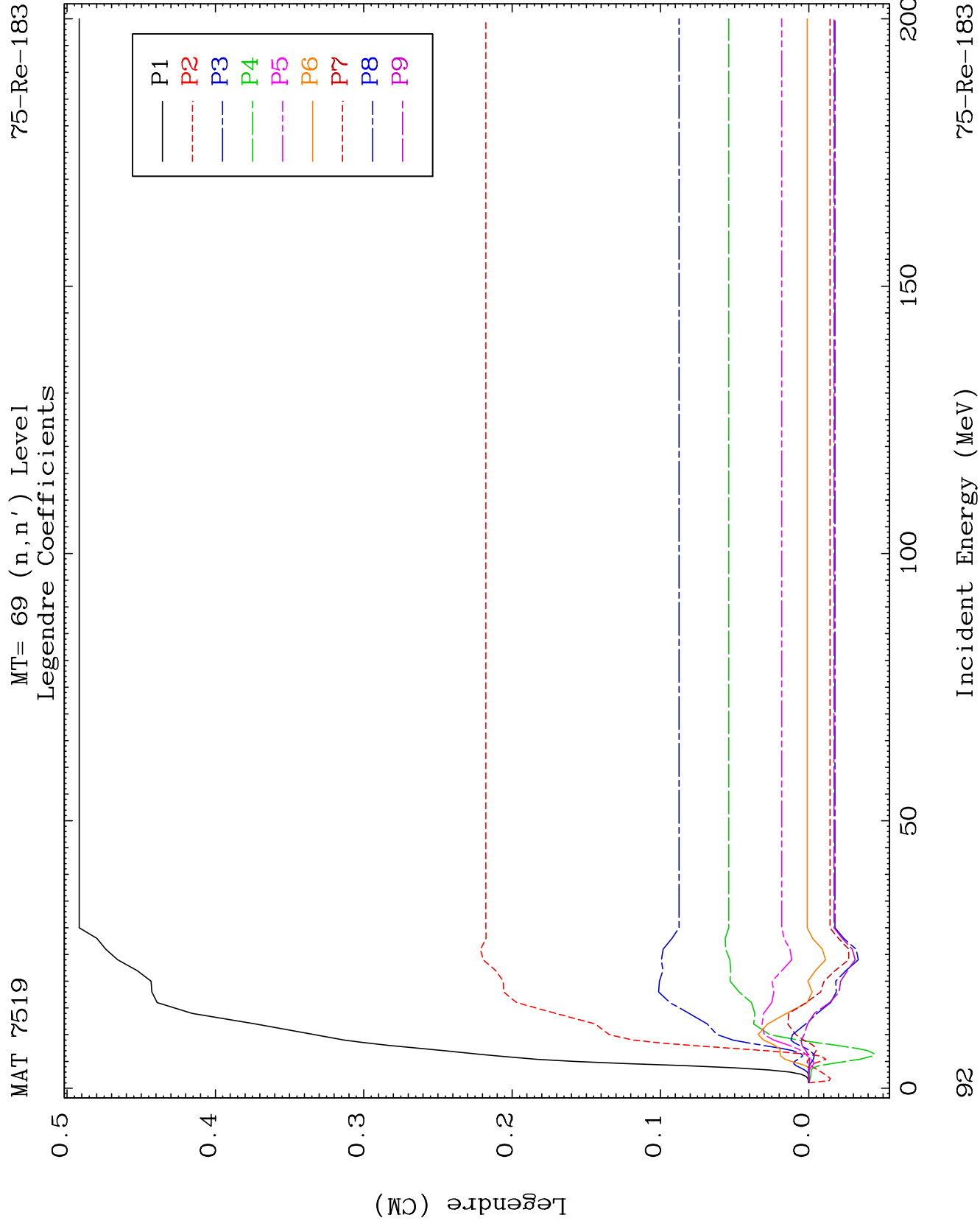


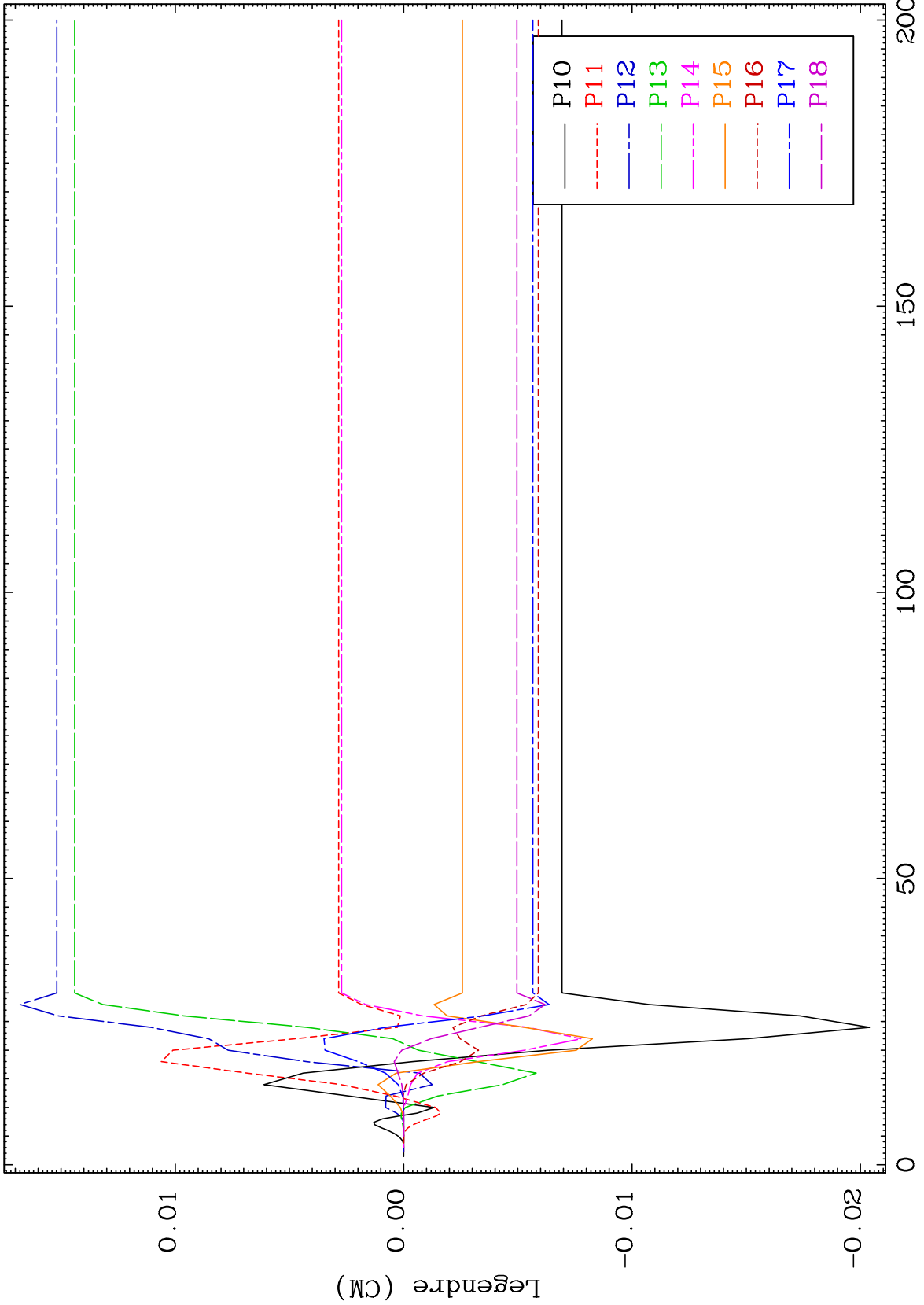


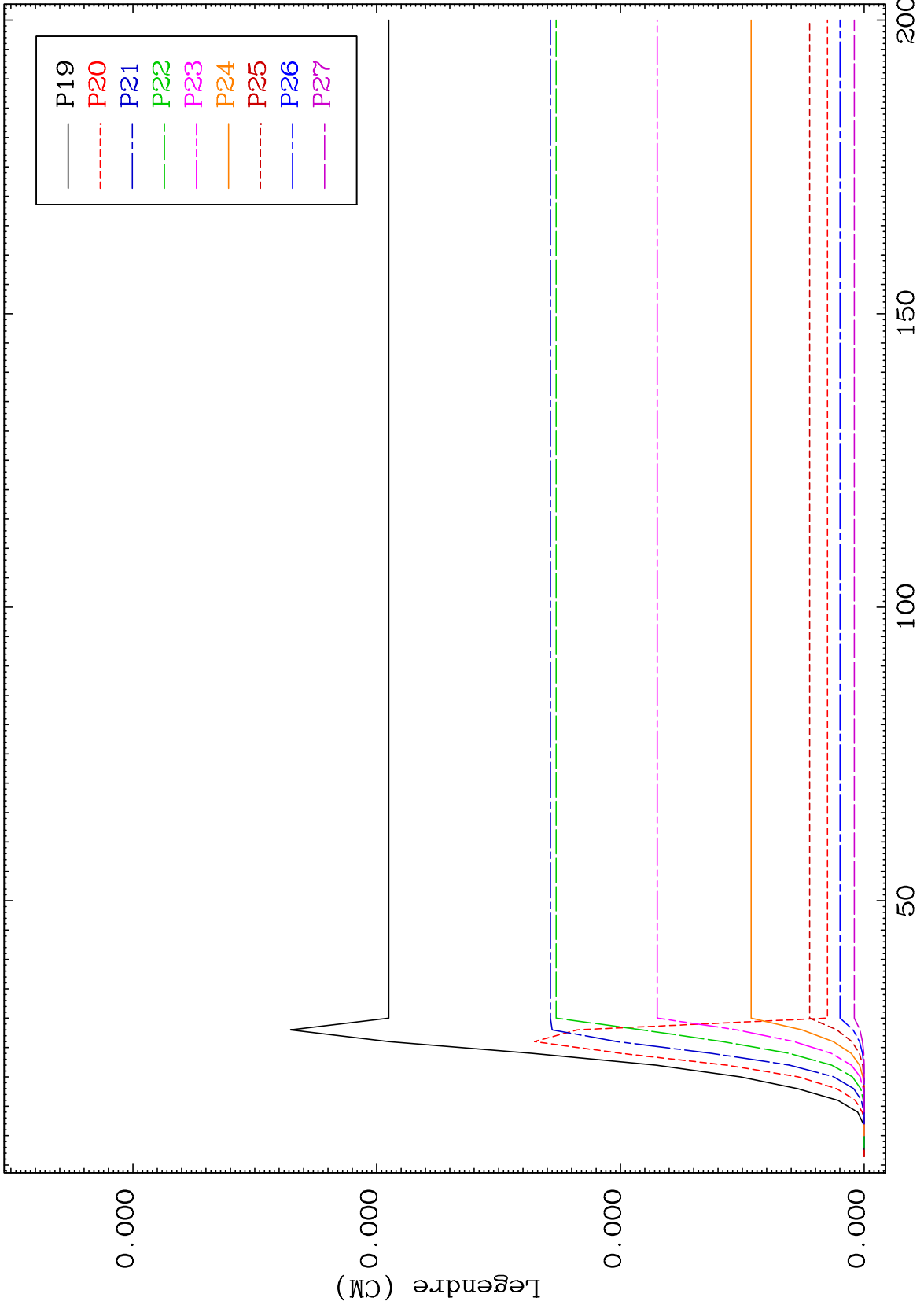








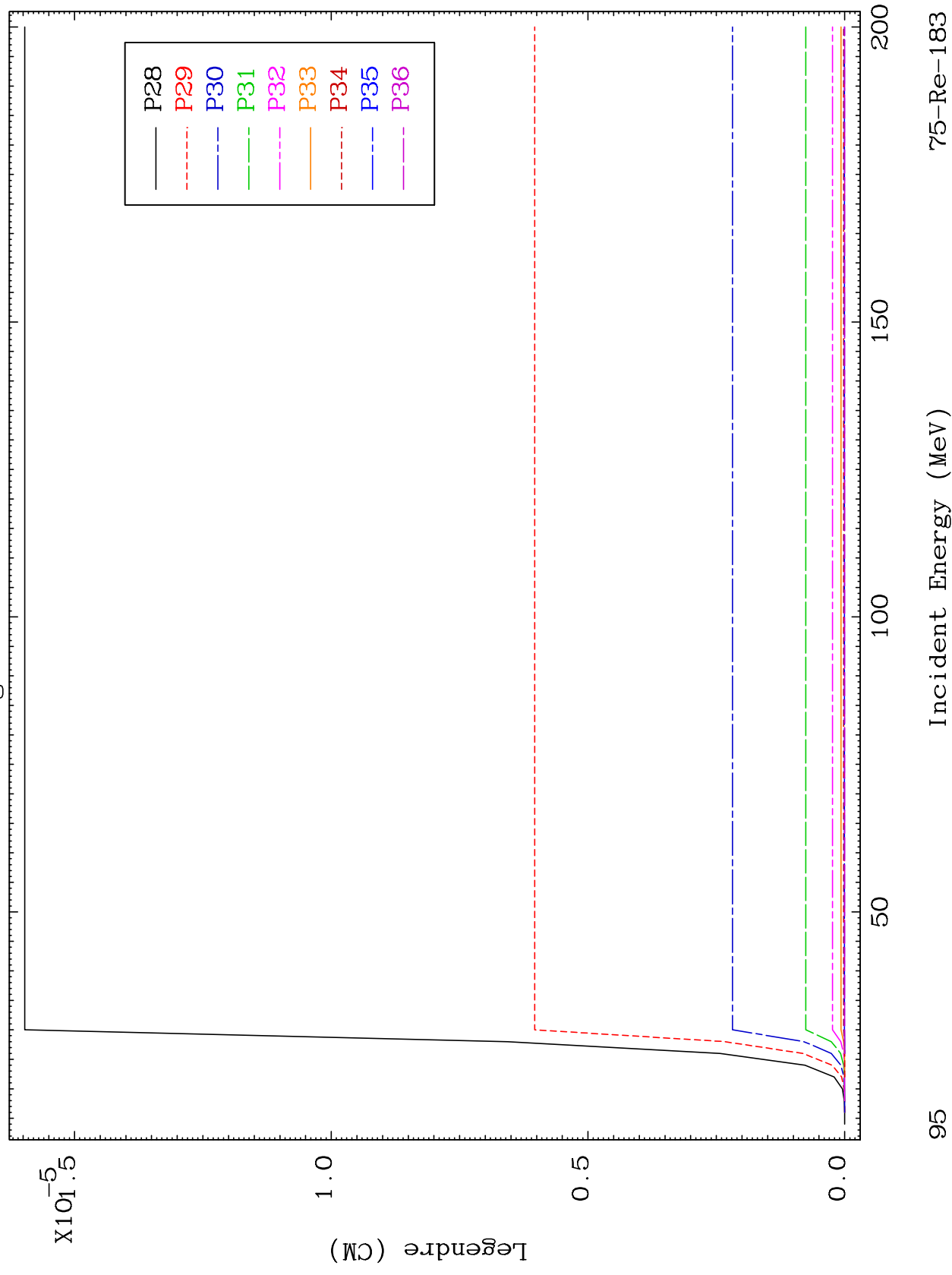


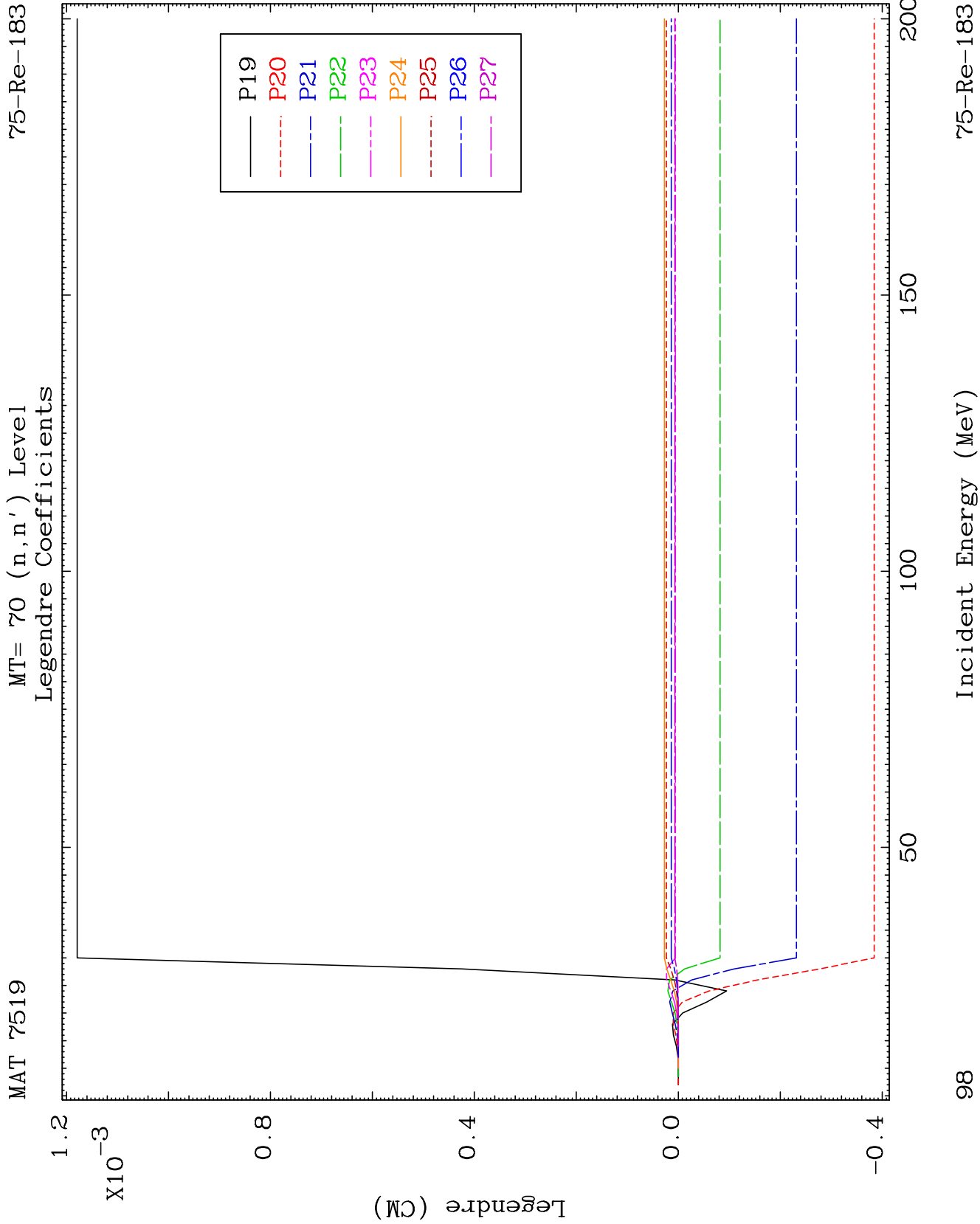


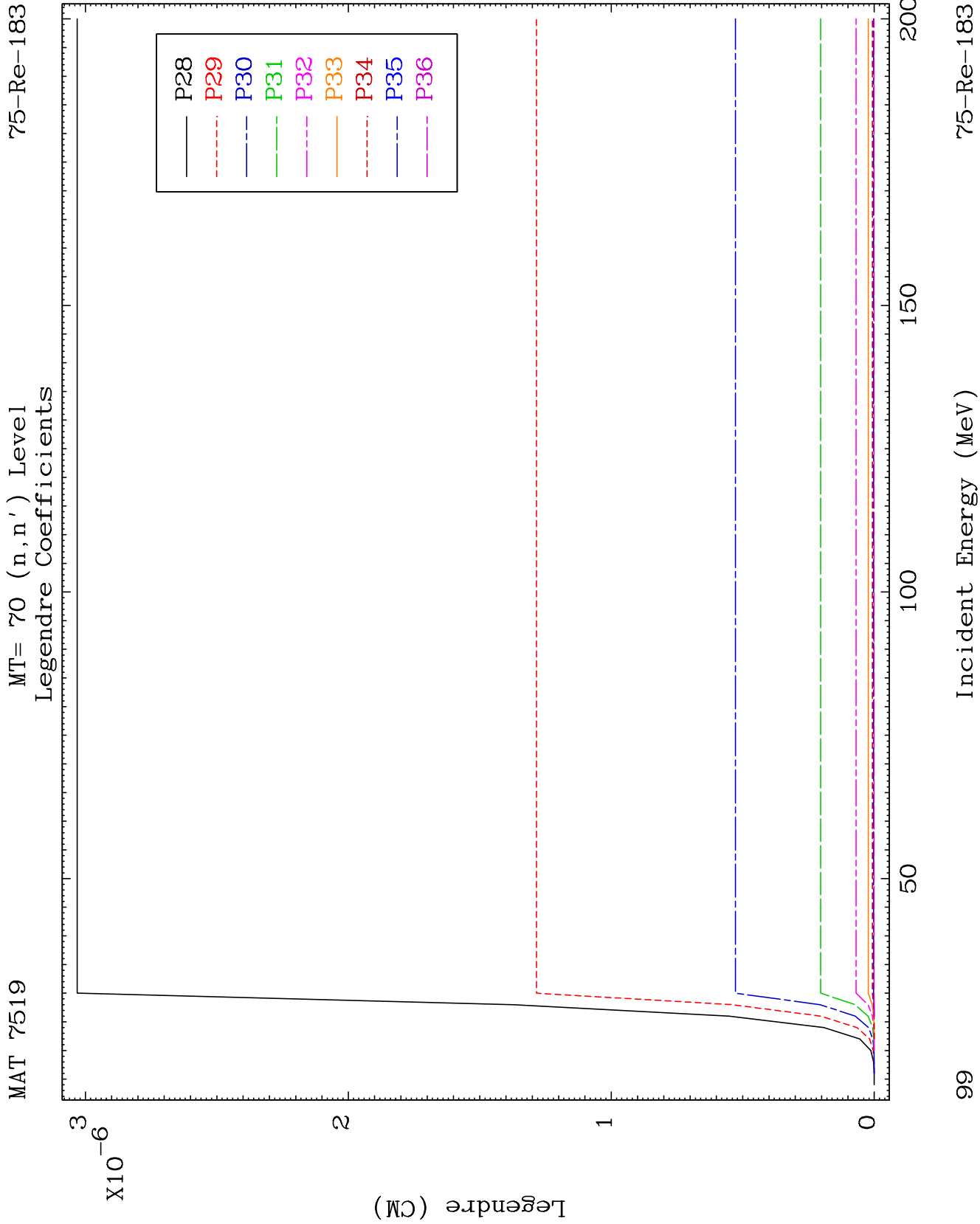
MAT 7519

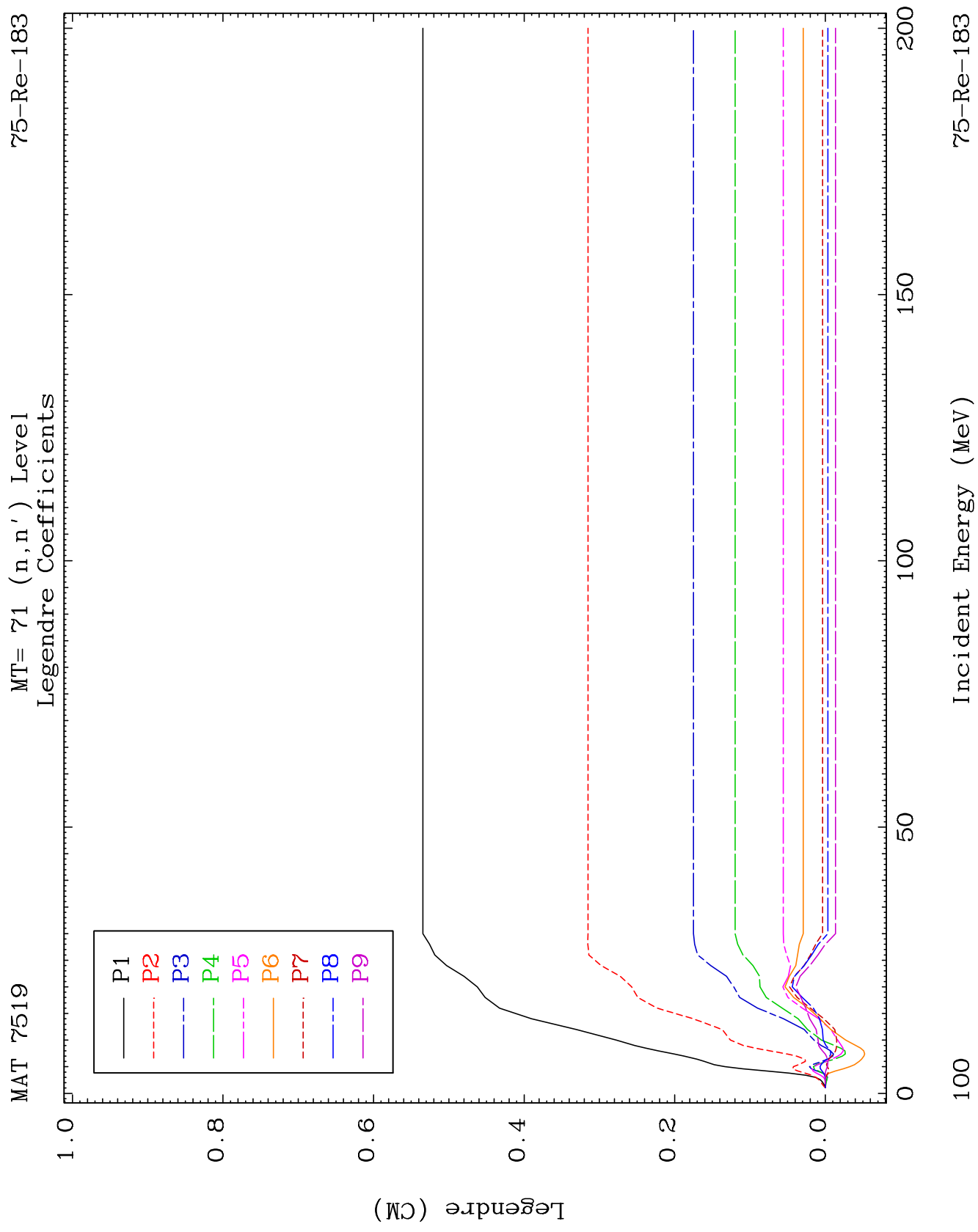
MT= 69 (n, n') Level
Legendre Coefficients

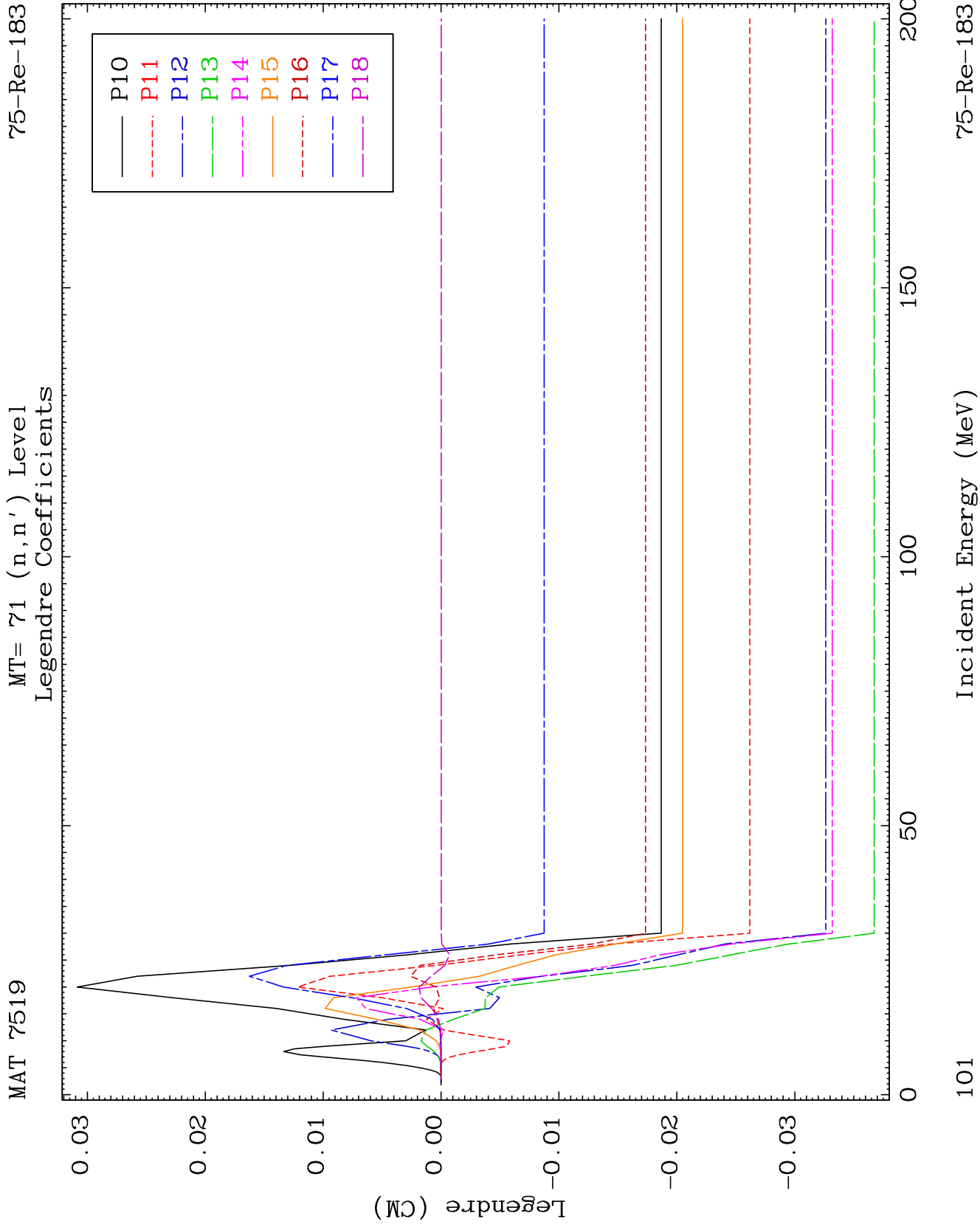
75-Re-183

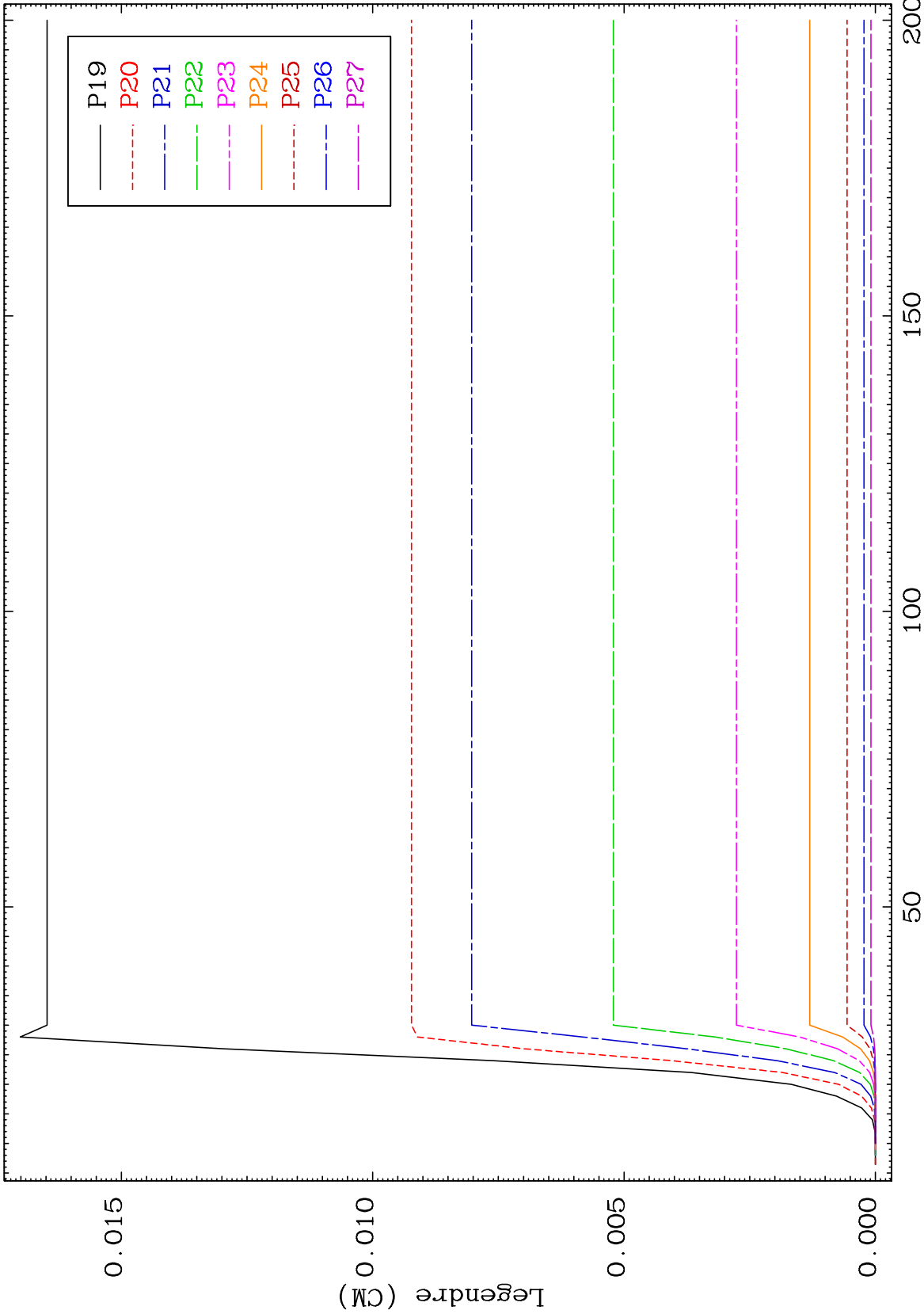


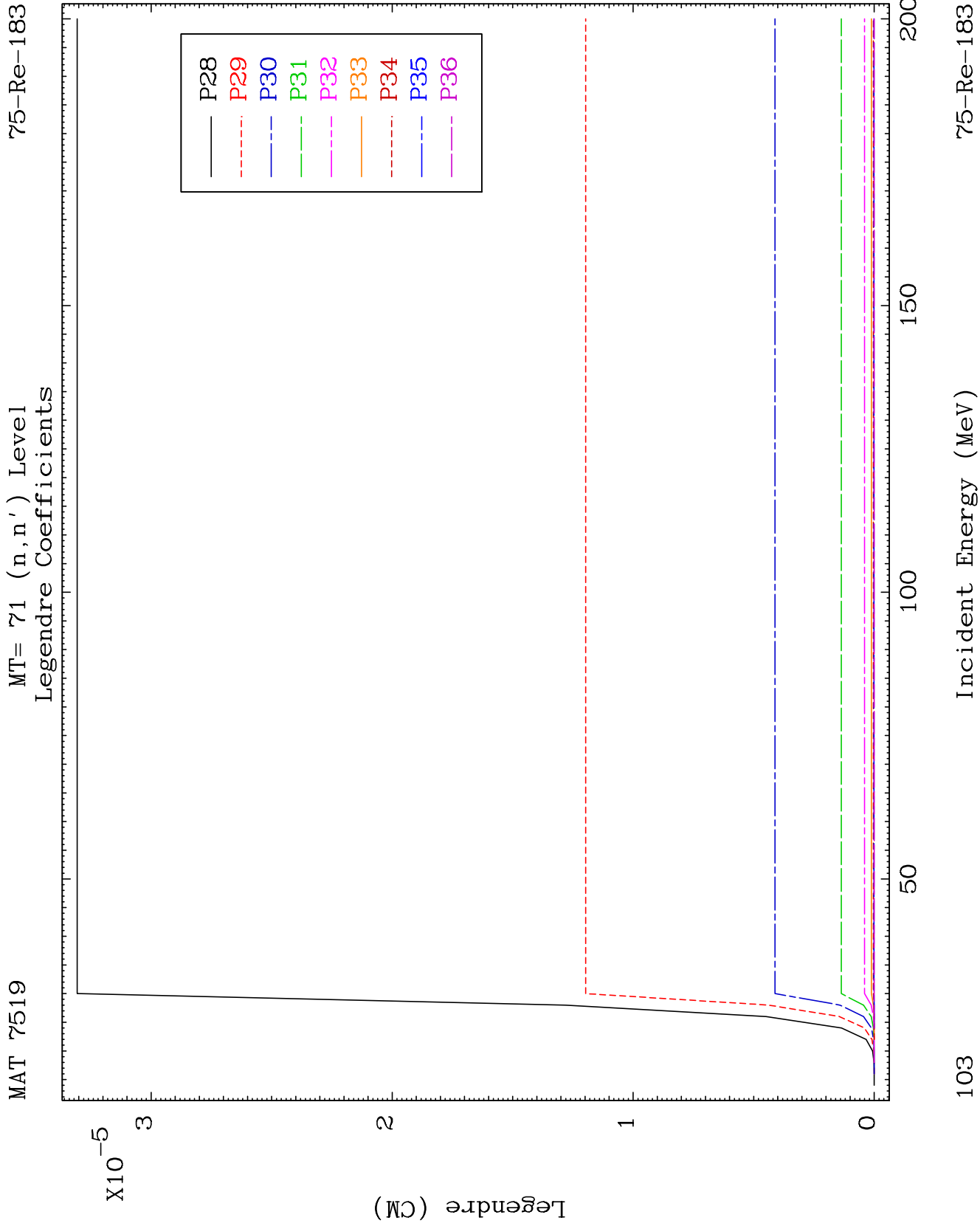








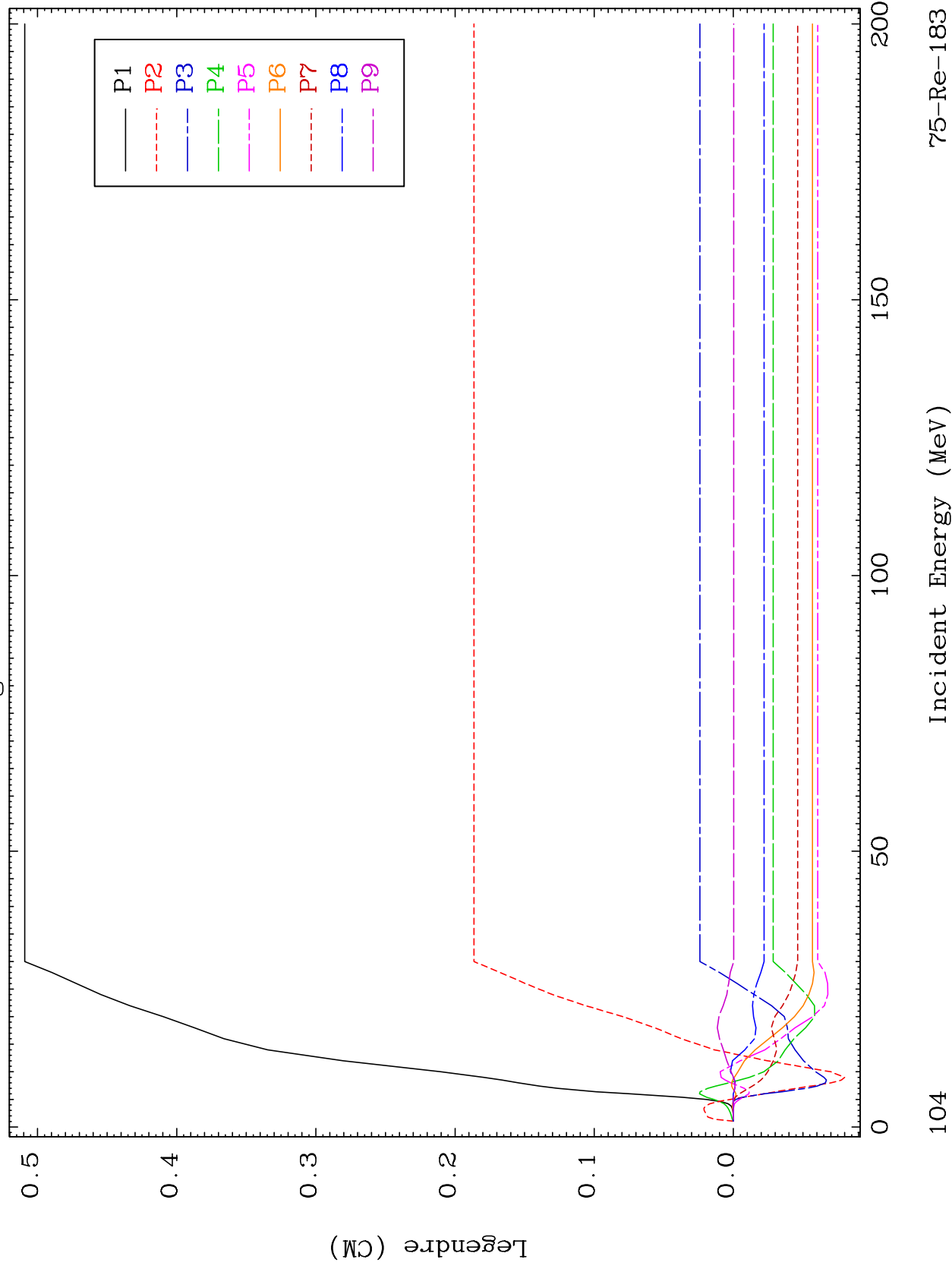


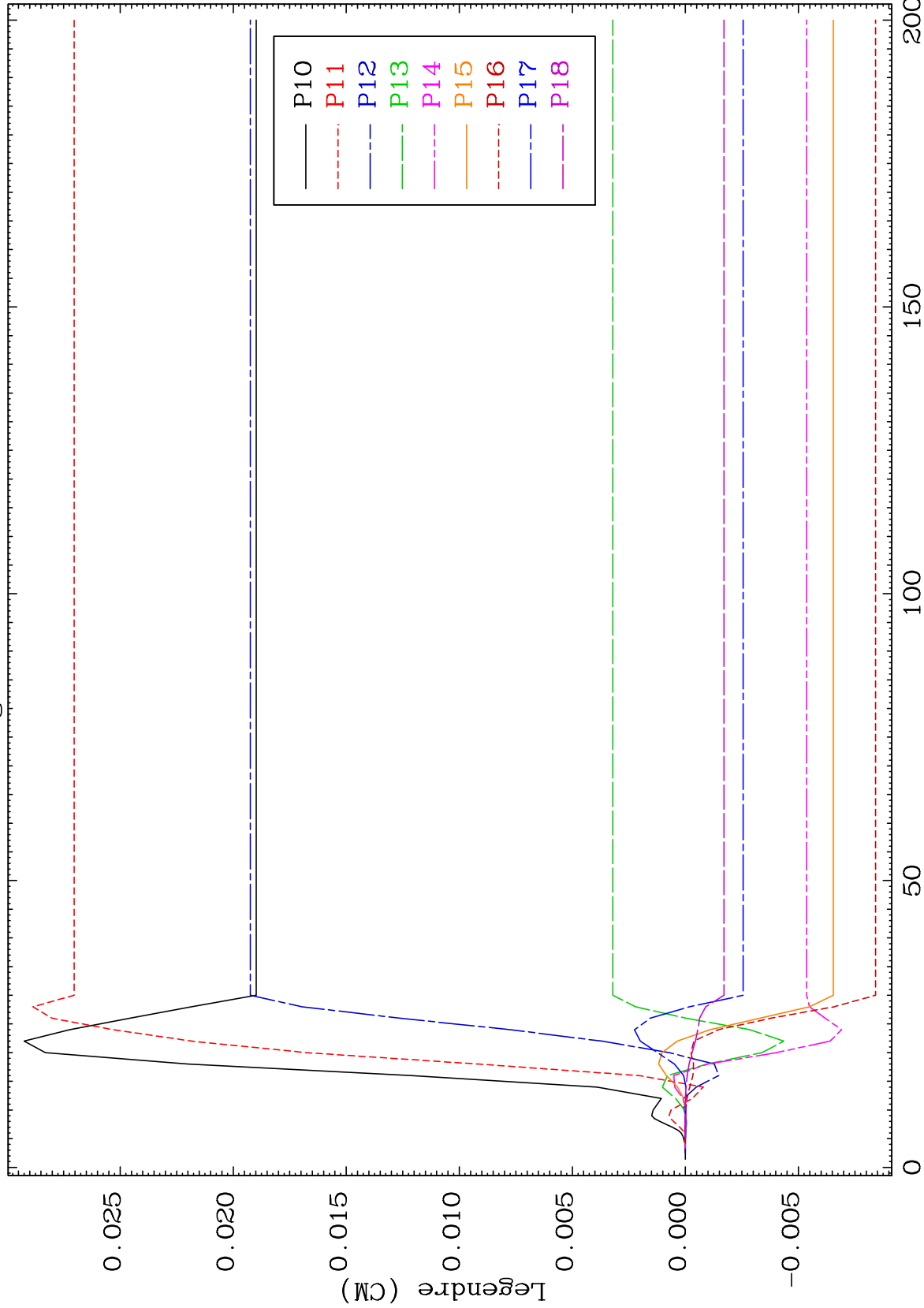


MAT 7519

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

75-Re-183

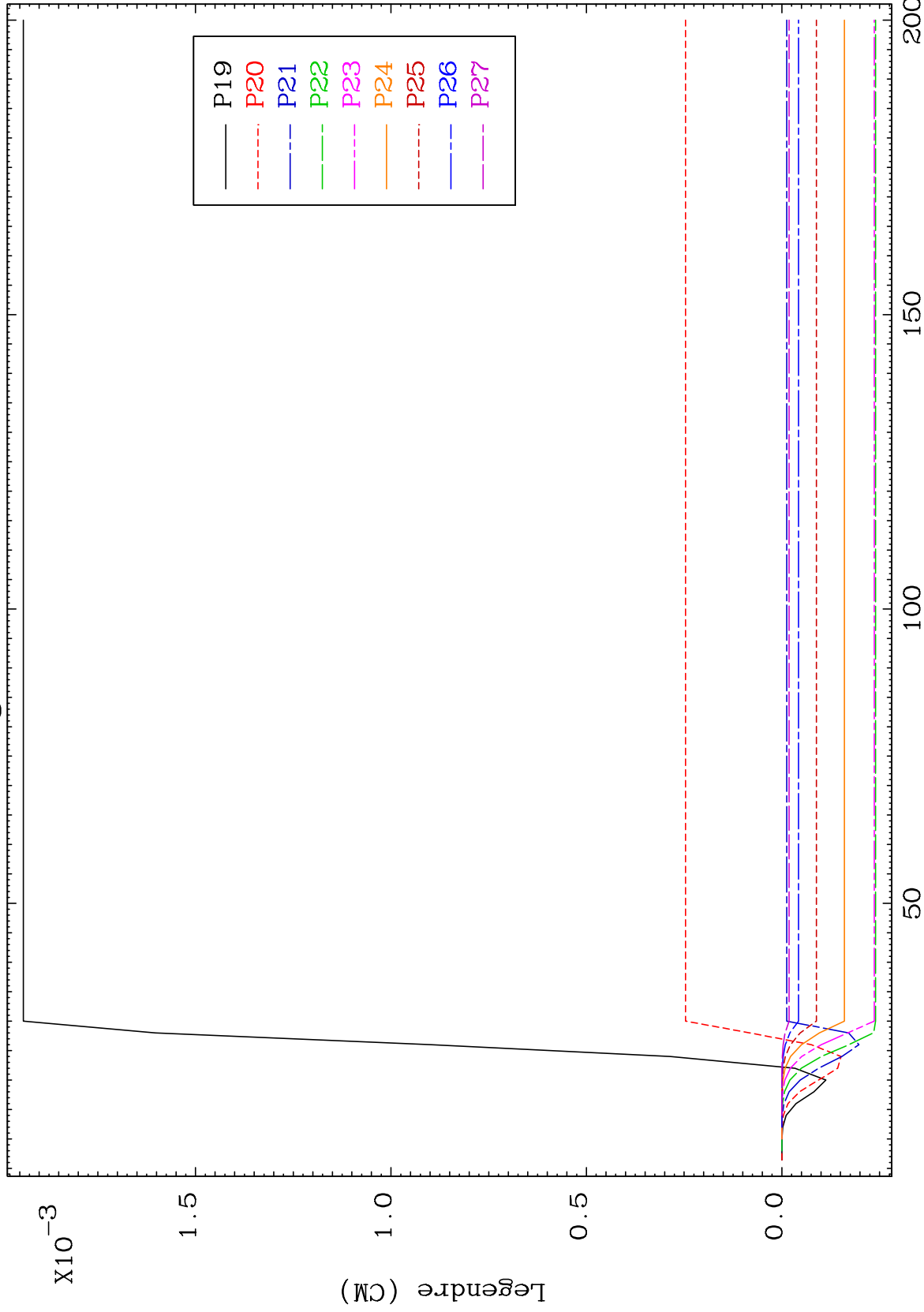




MAT 7519

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

75-Re-183



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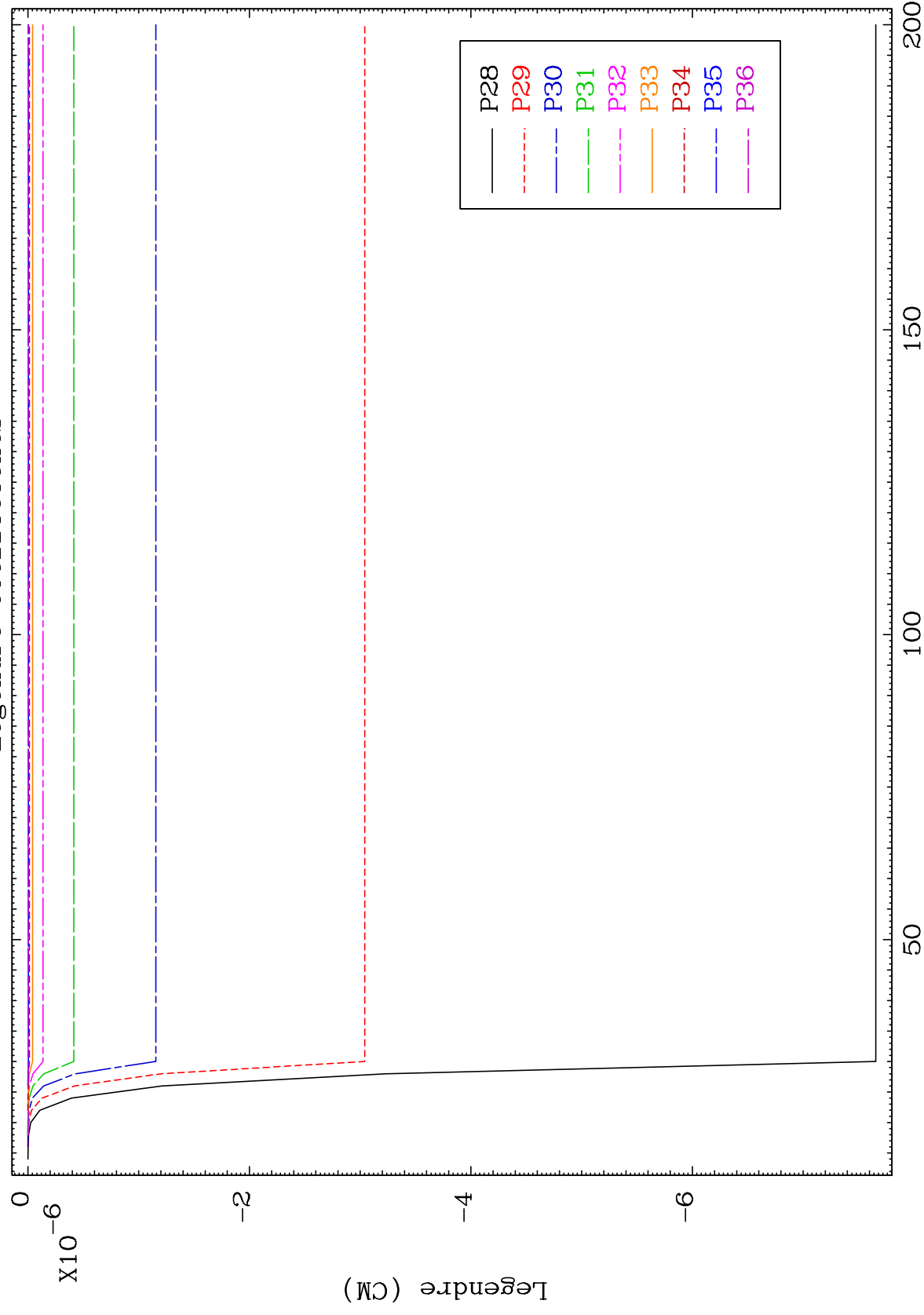
Incident Energy (MeV)

75-Re-183

MAT 7519

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

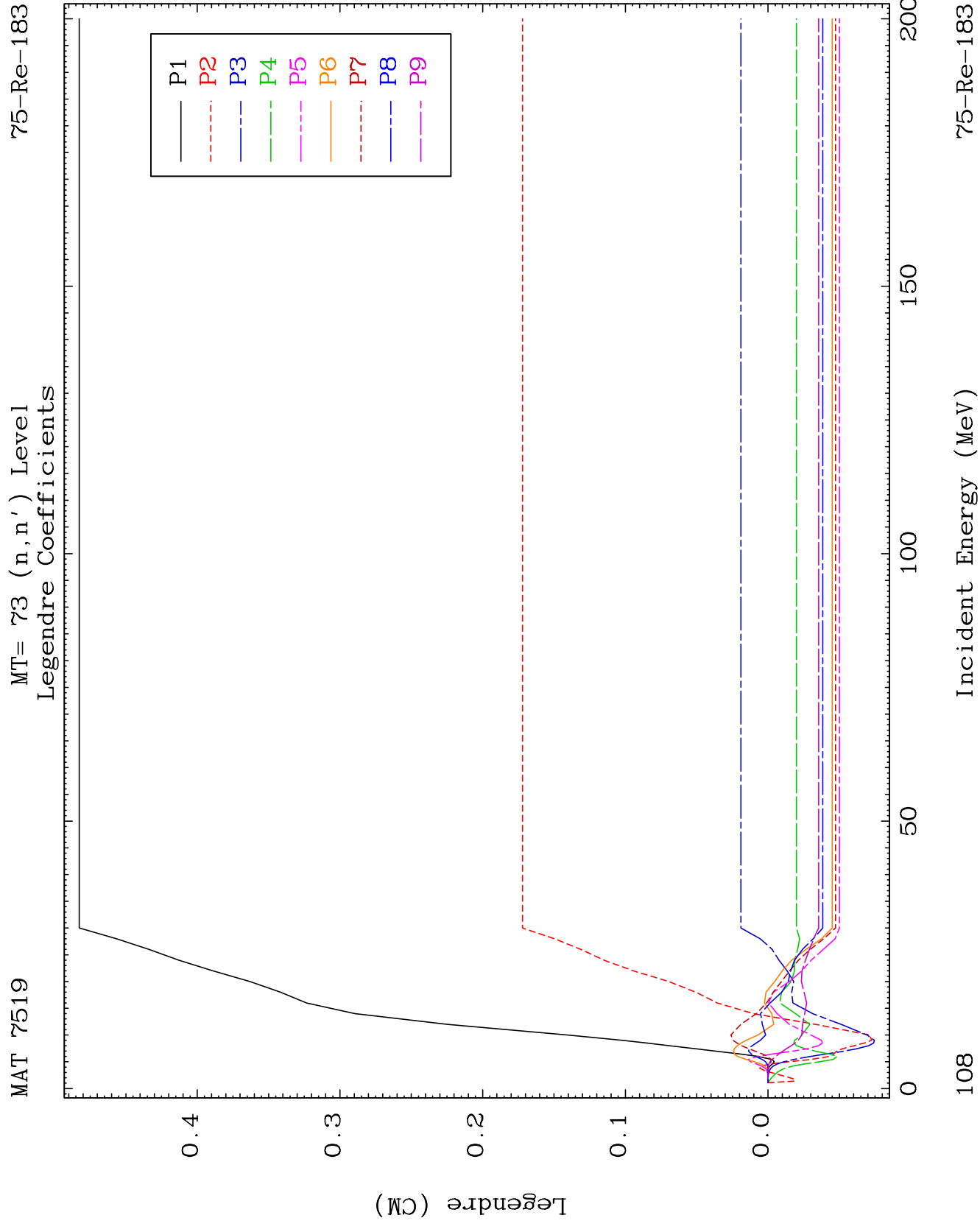
75-Re-183



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Incident Energy (MeV)

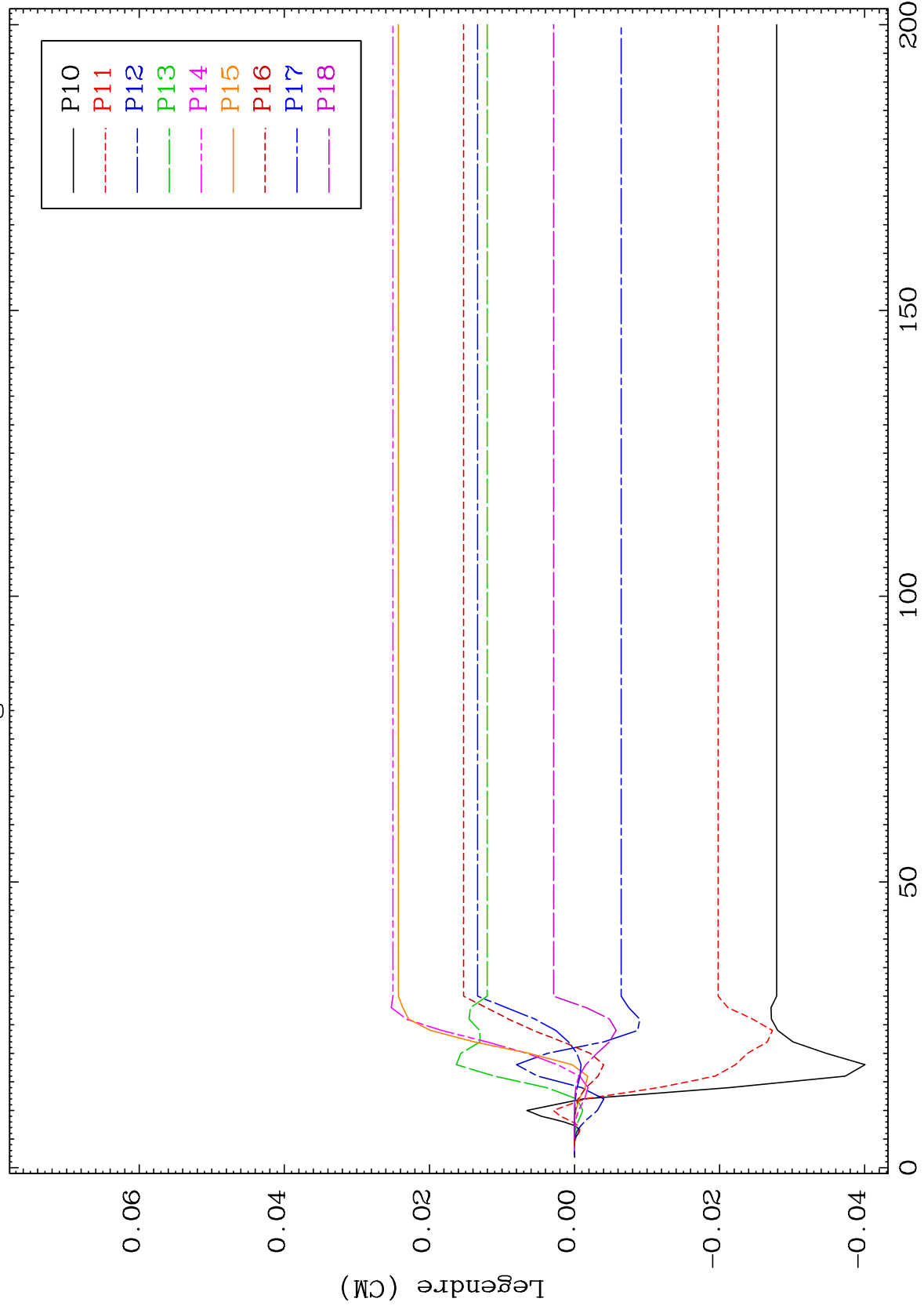
75-Re-183



MAT 7519

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

75-Re-183



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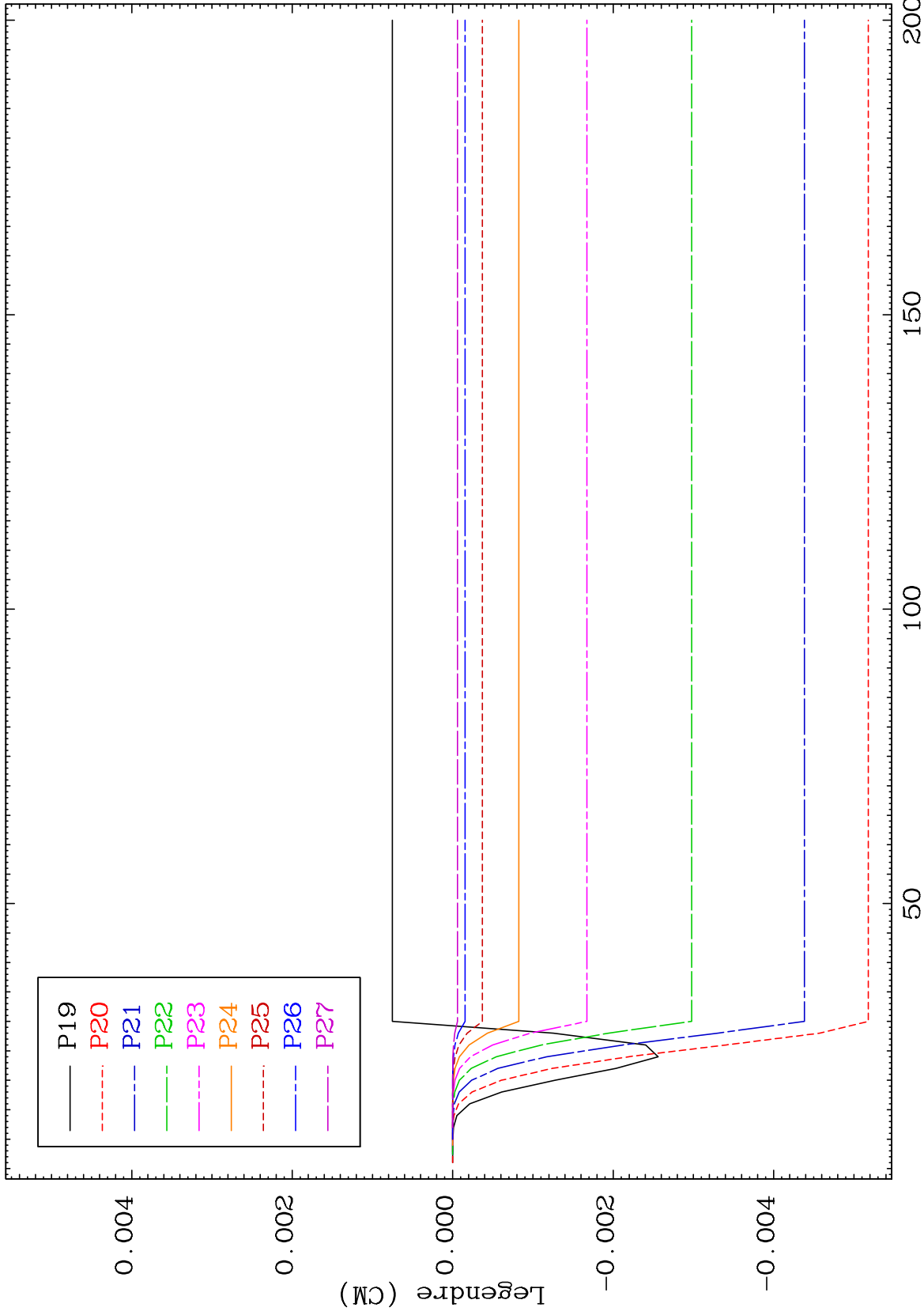
Incident Energy (MeV)

75-Re-183

MAT 7519

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

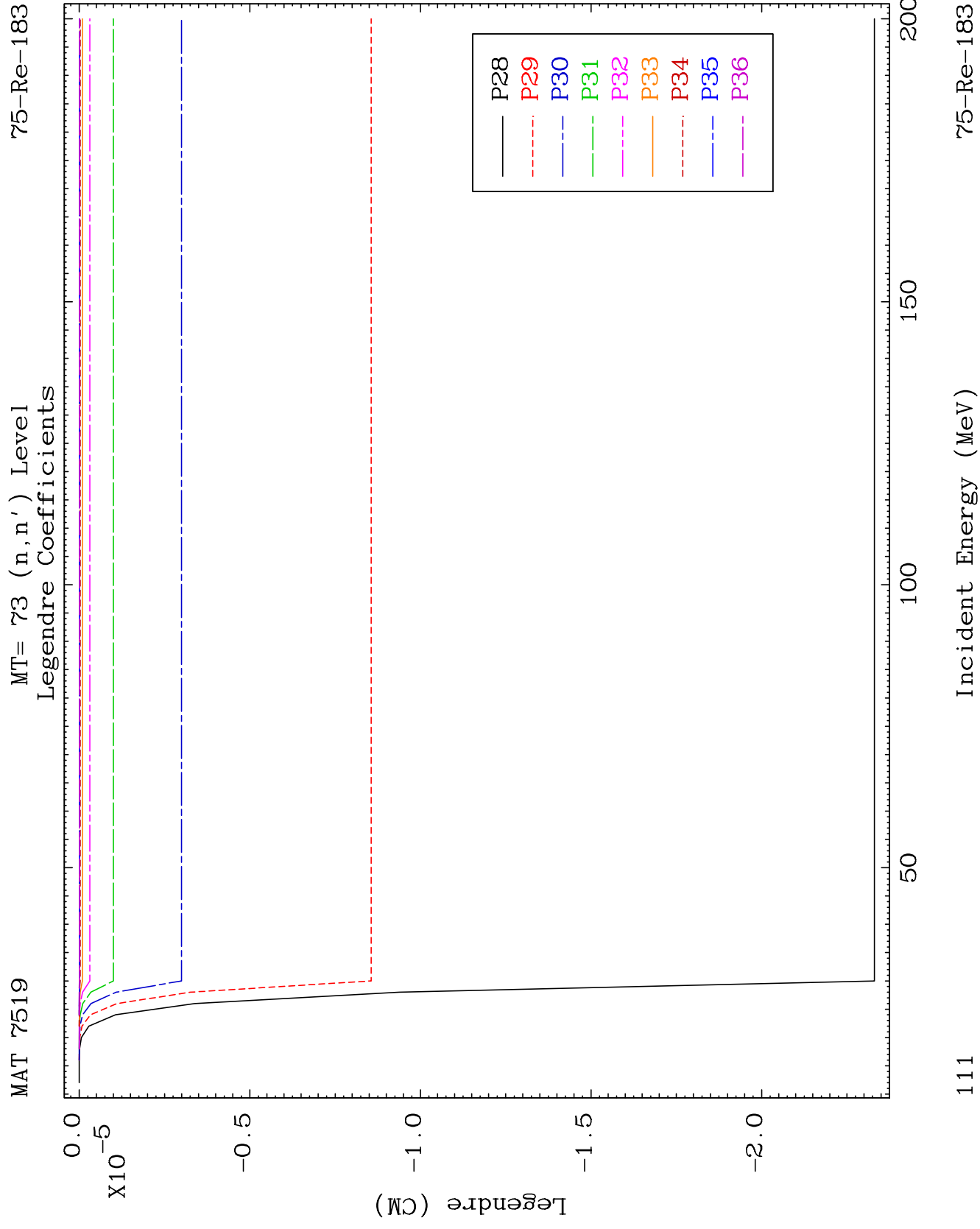
75-Re-183

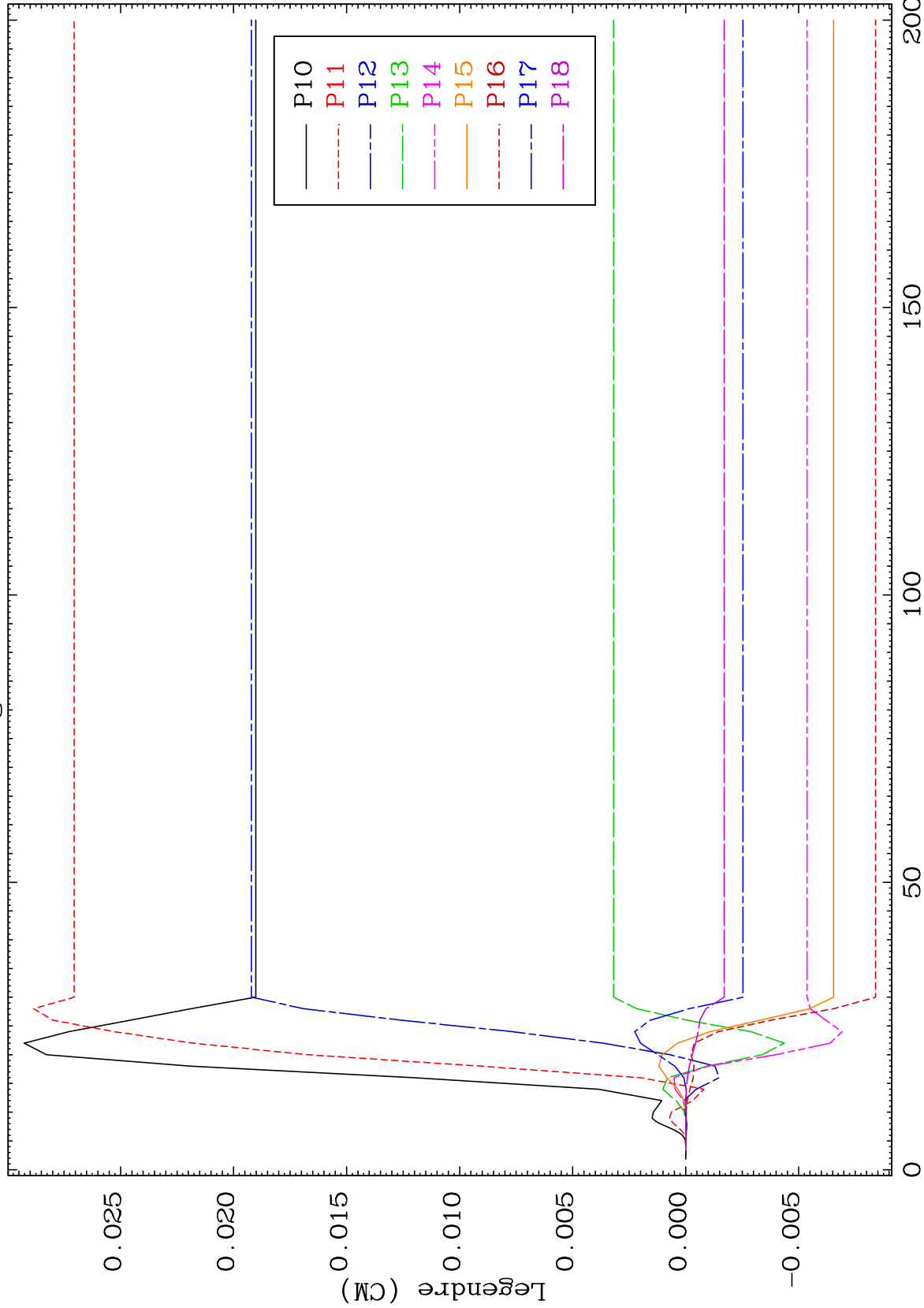


110

Incident Energy (MeV)

75-Re-183

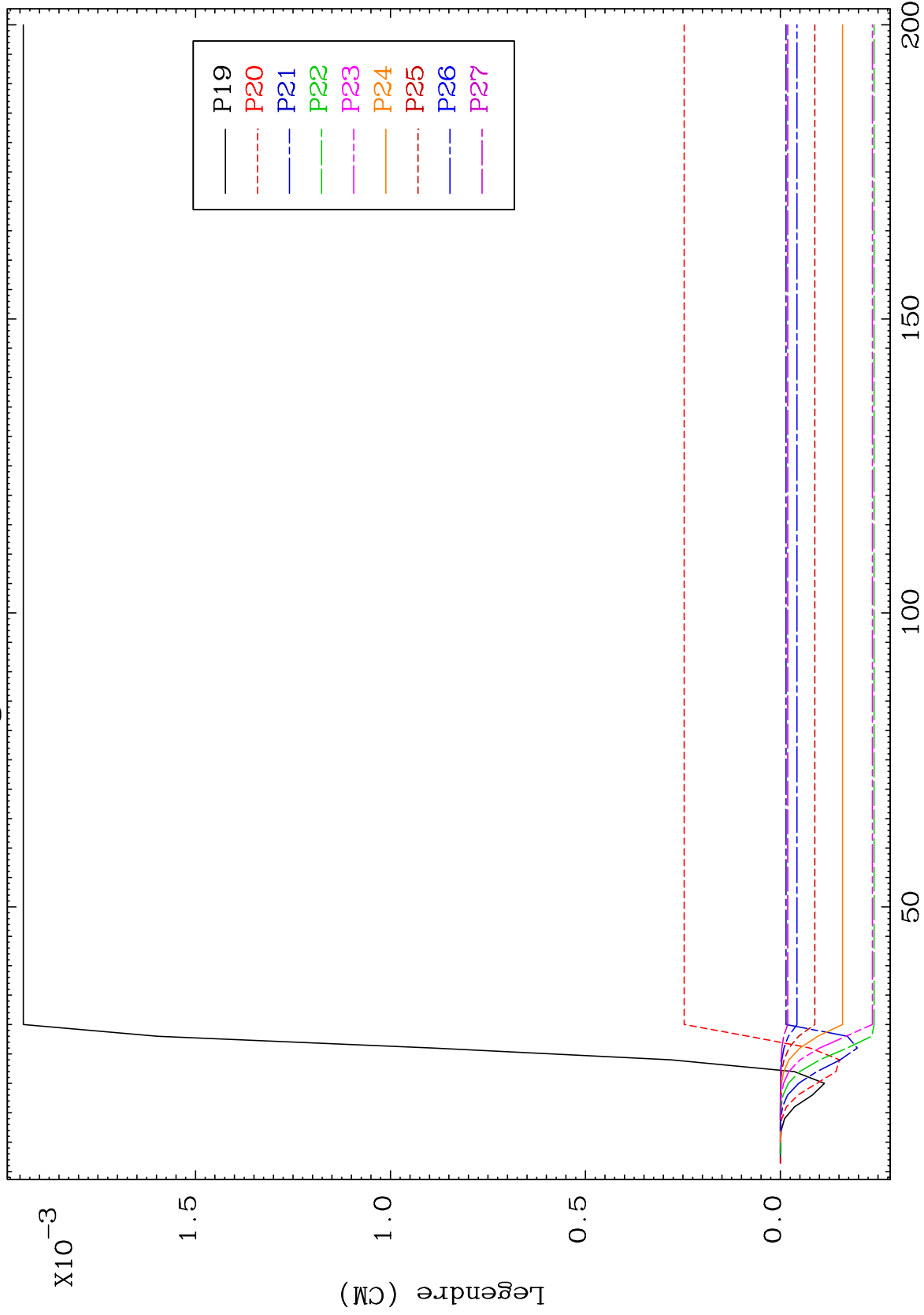




MAT 7519

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

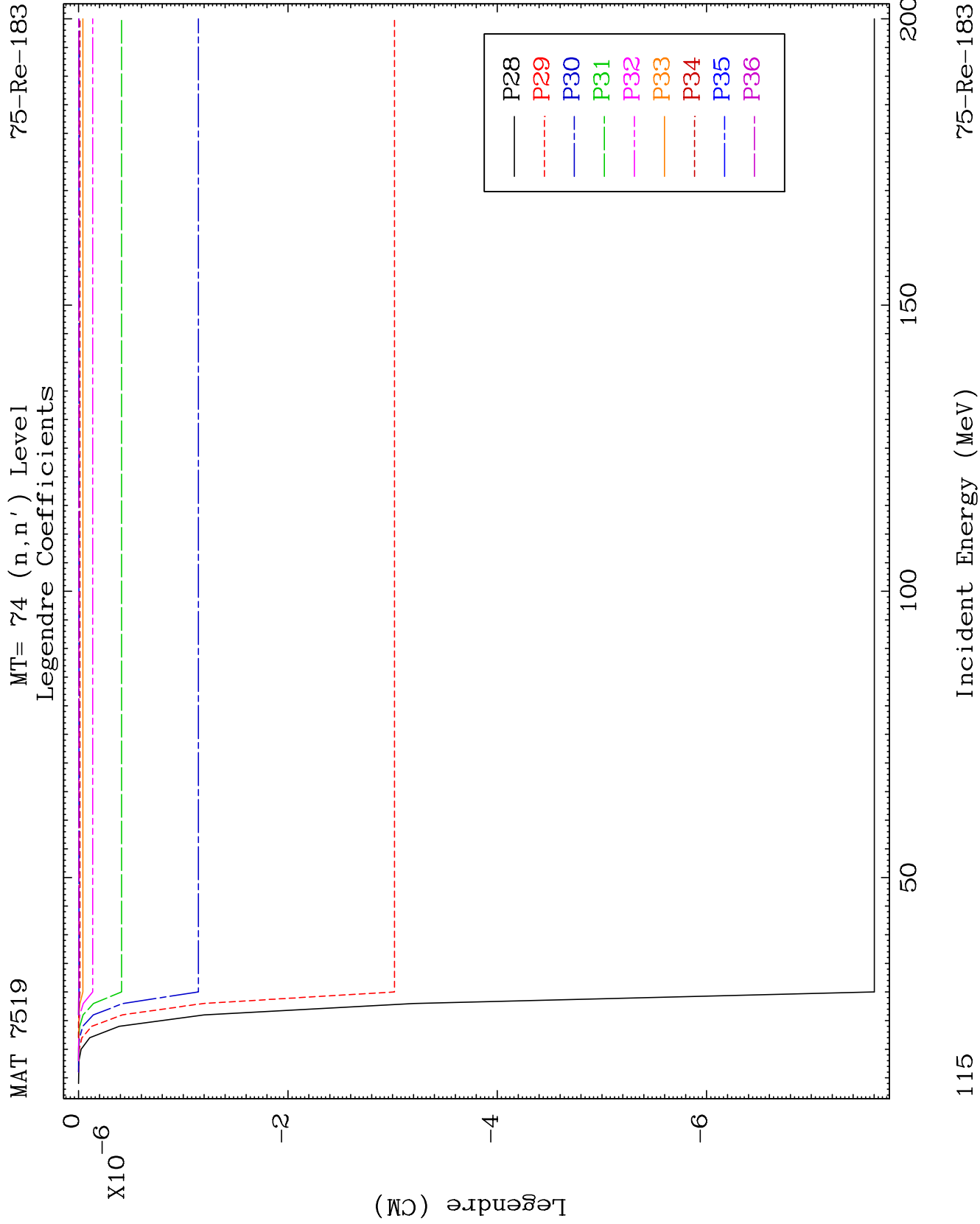
75-Re-183

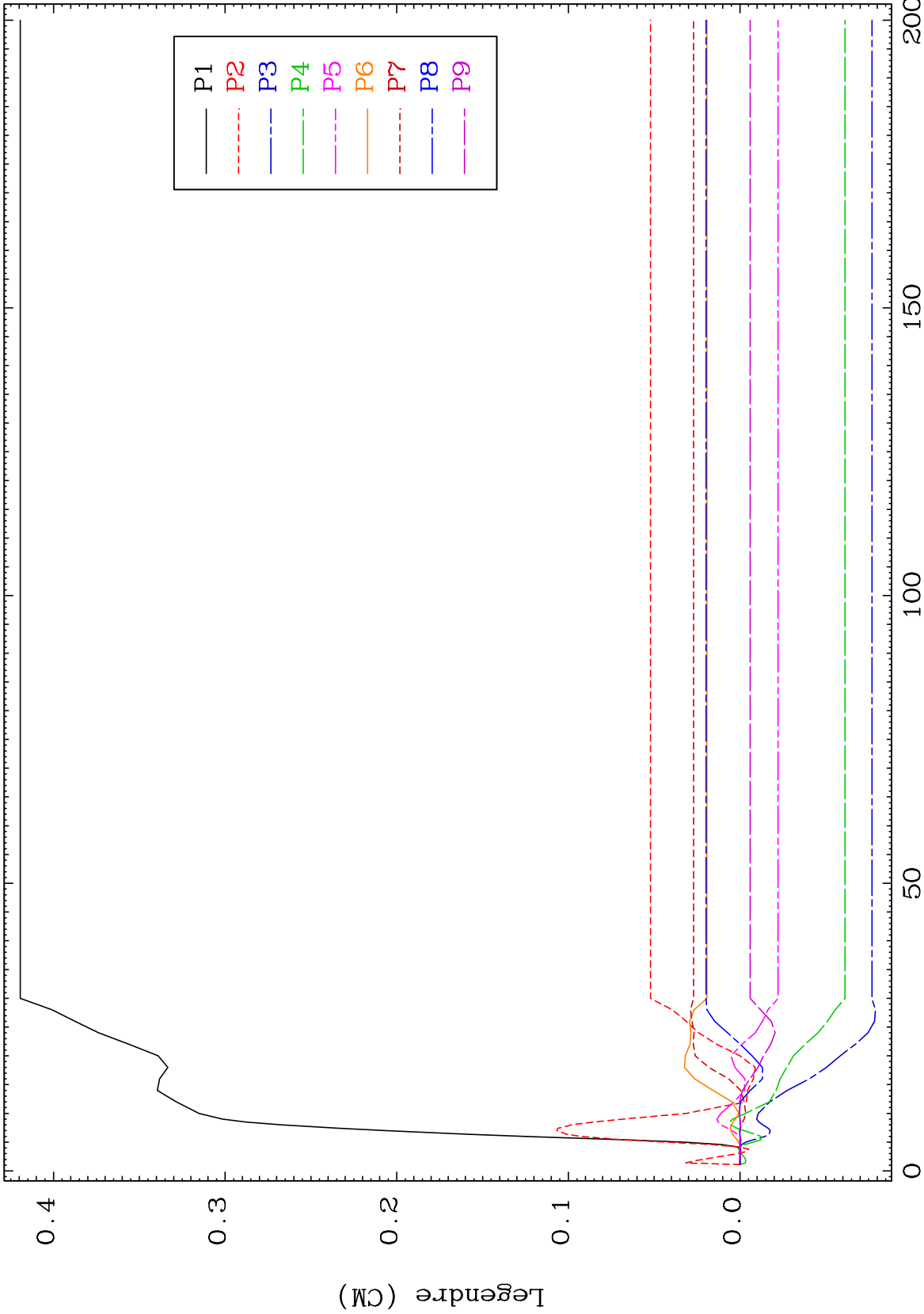


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Incident Energy (MeV)

75-Re-183

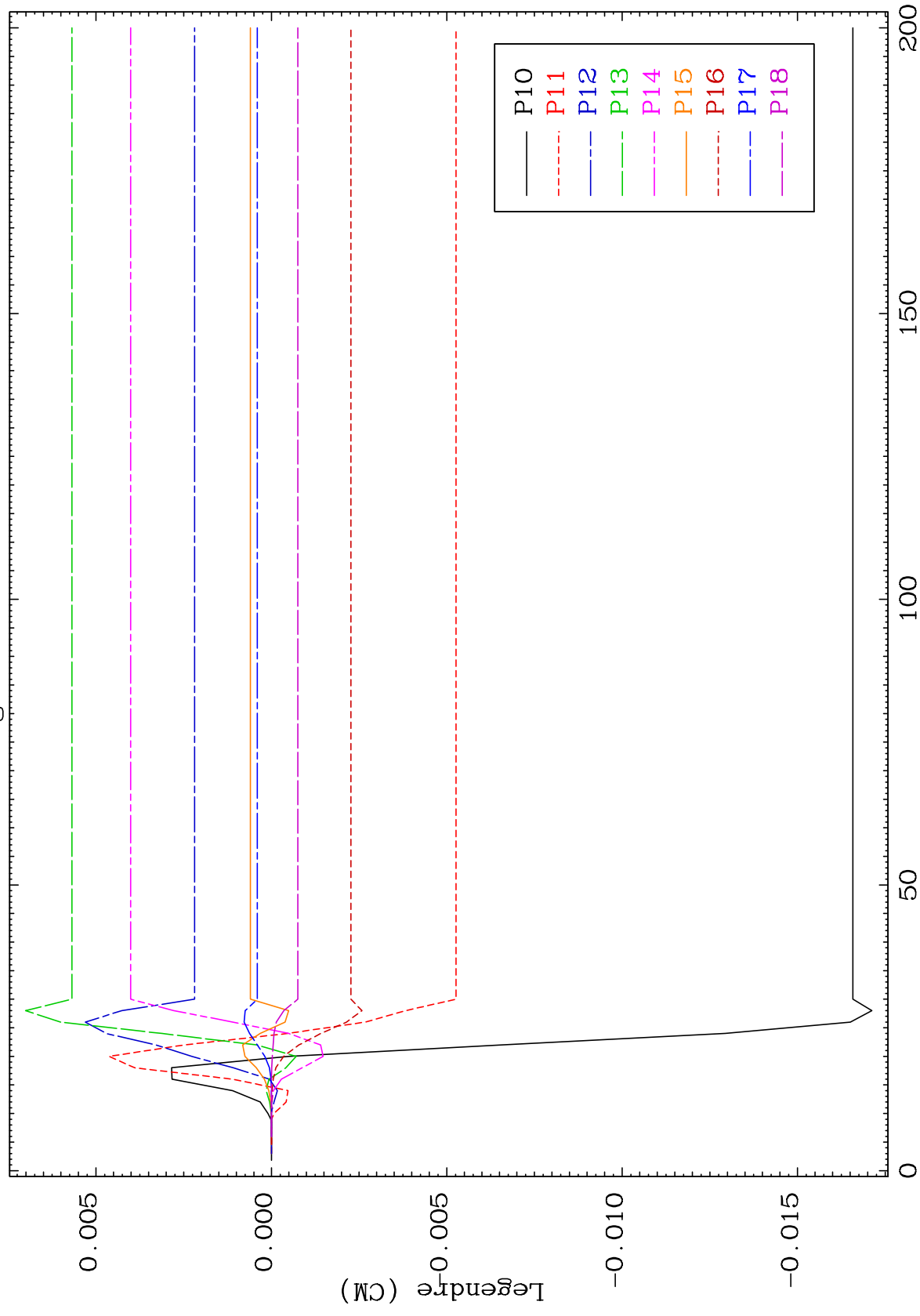




MAT 7519

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

75-Re-183



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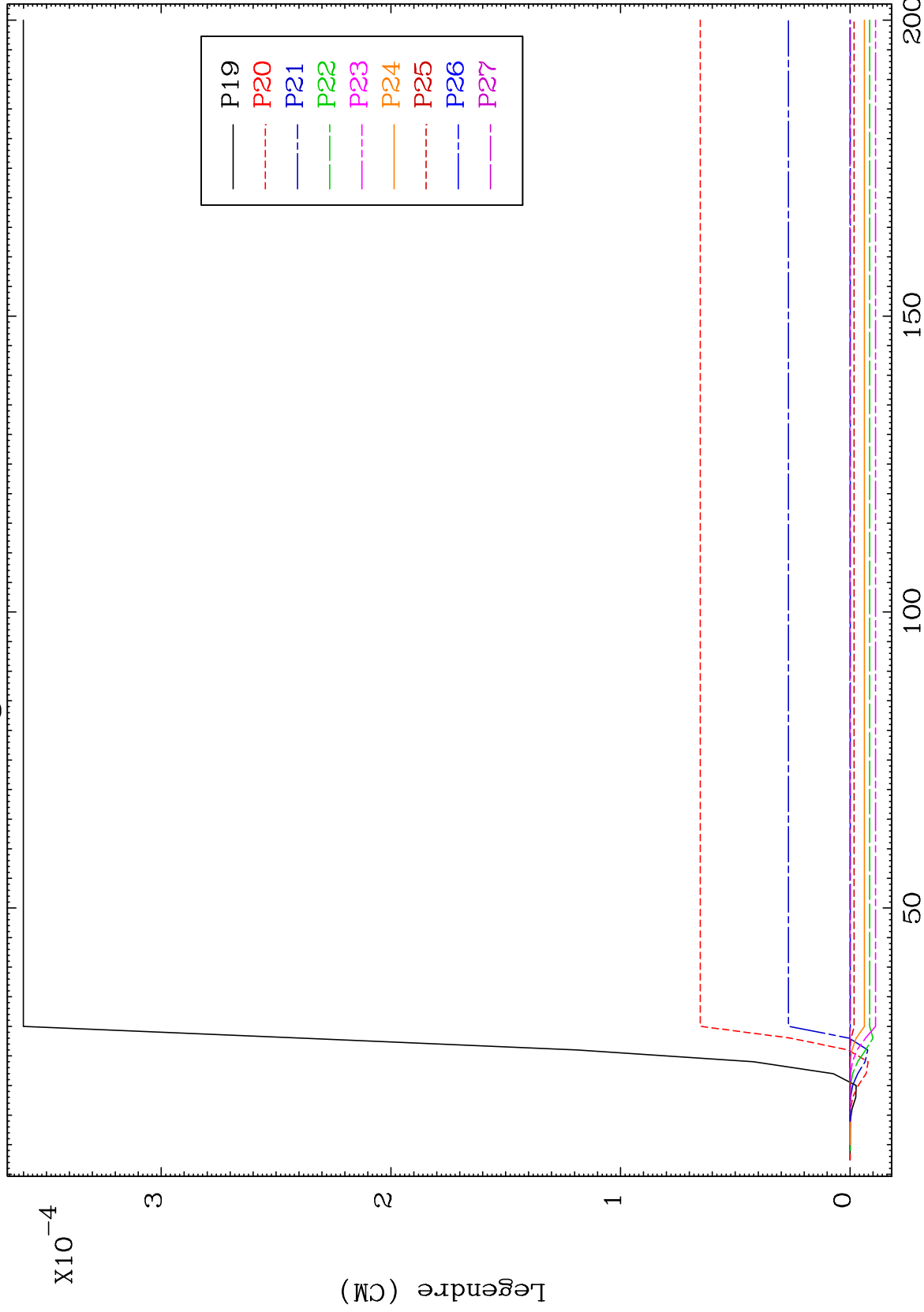
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



118

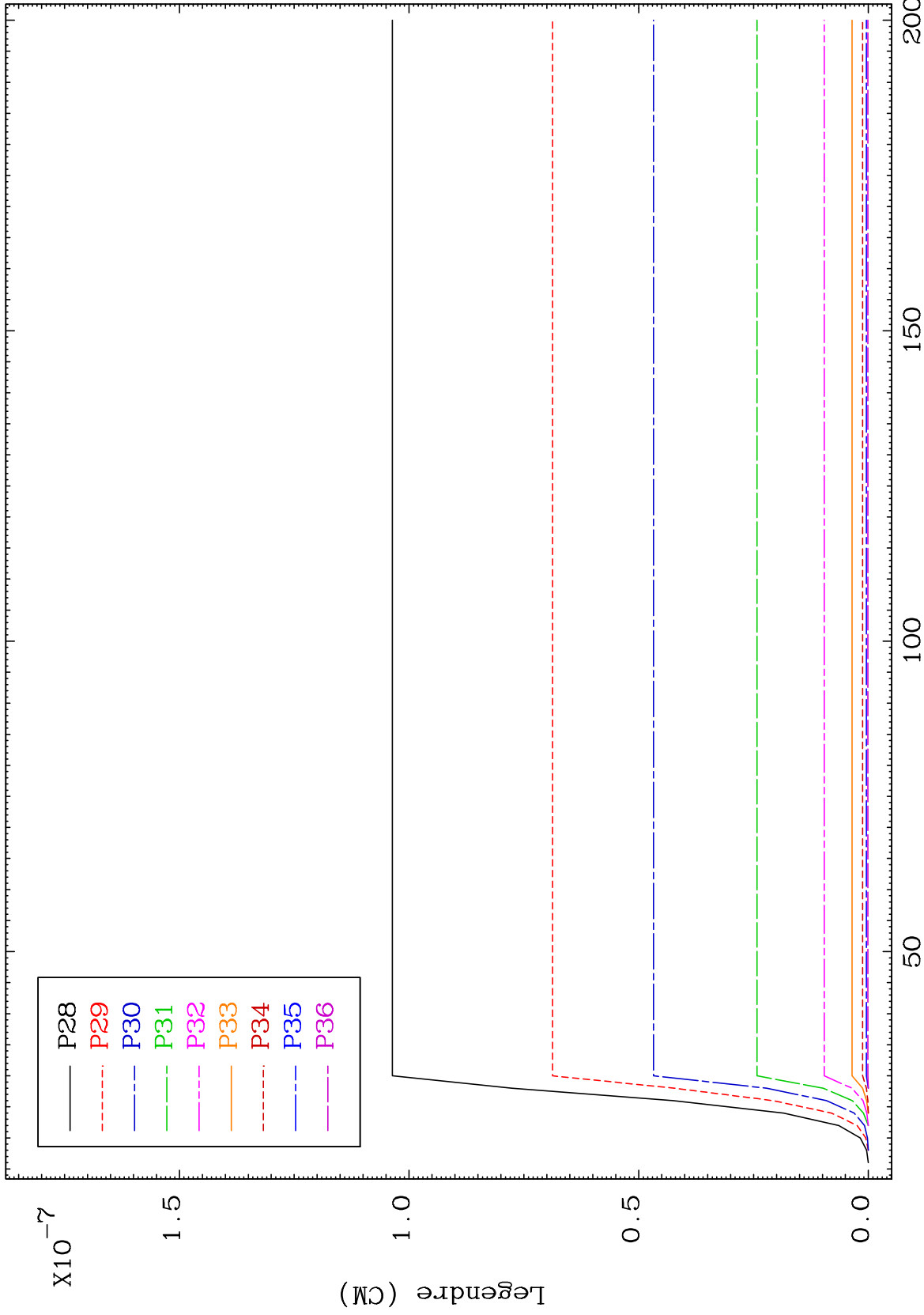
Incident Energy (MeV)

75-Re-183

MAT 7519

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

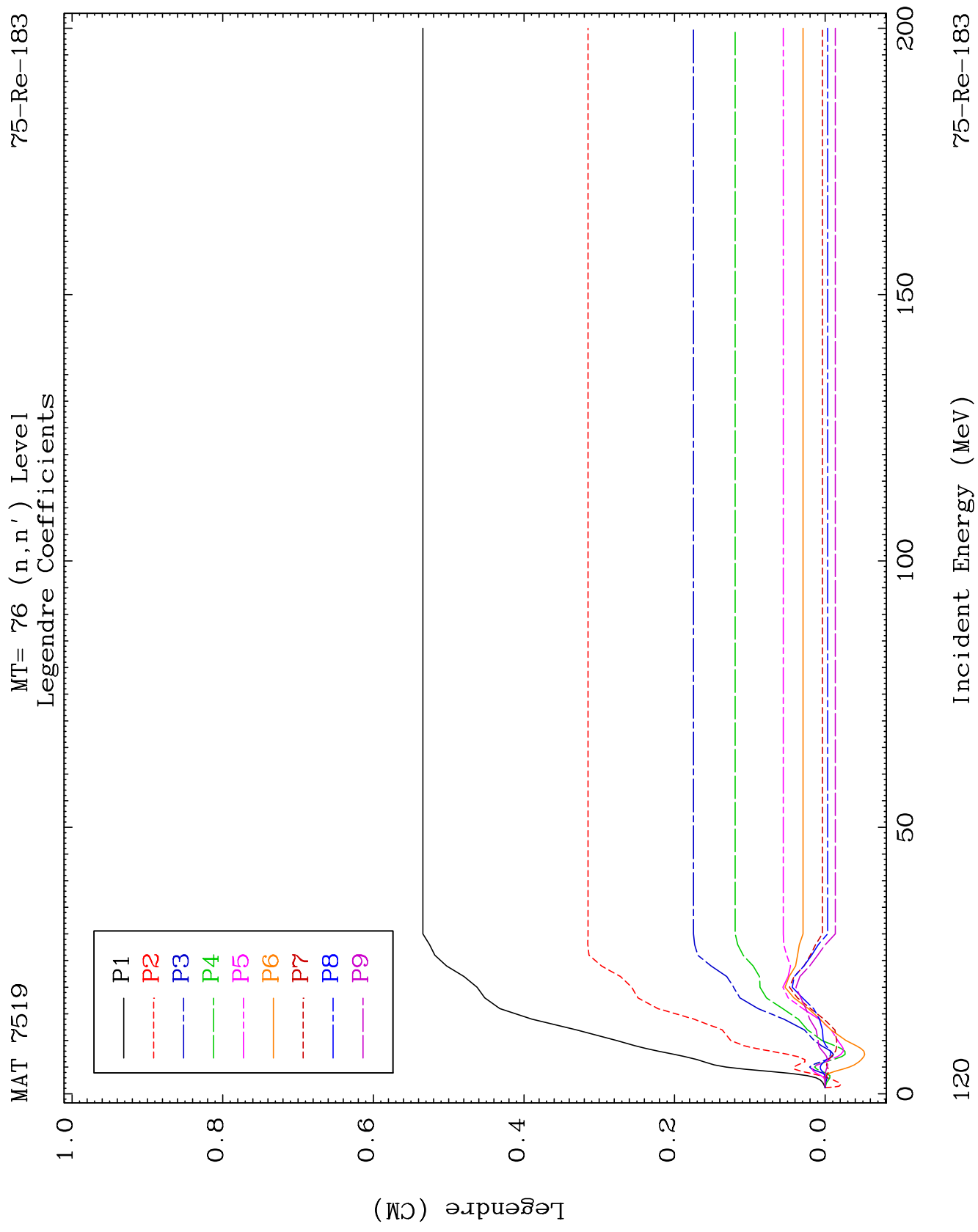
75-Re-183



119

Incident Energy (MeV)

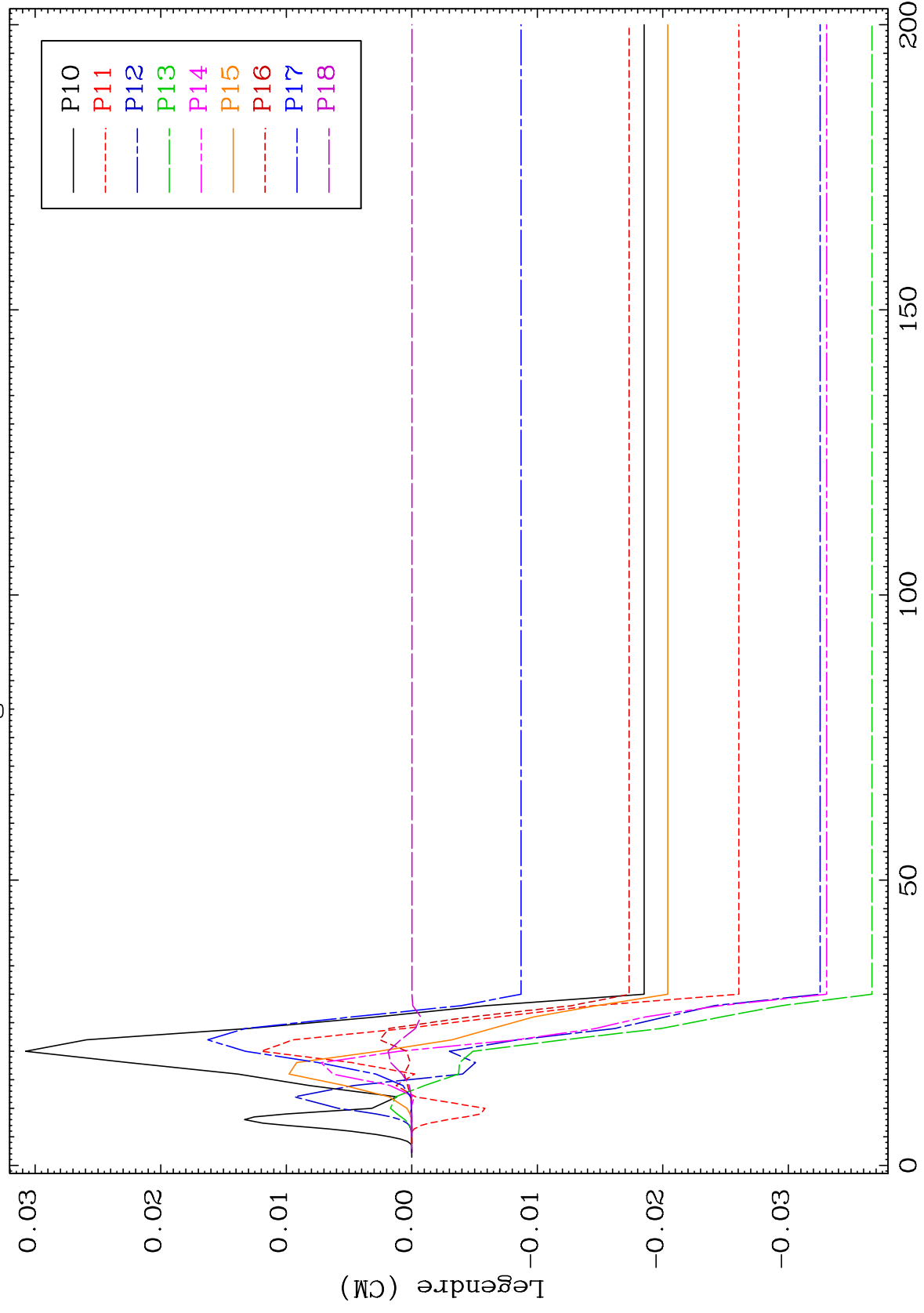
75-Re-183



MAT 7519

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

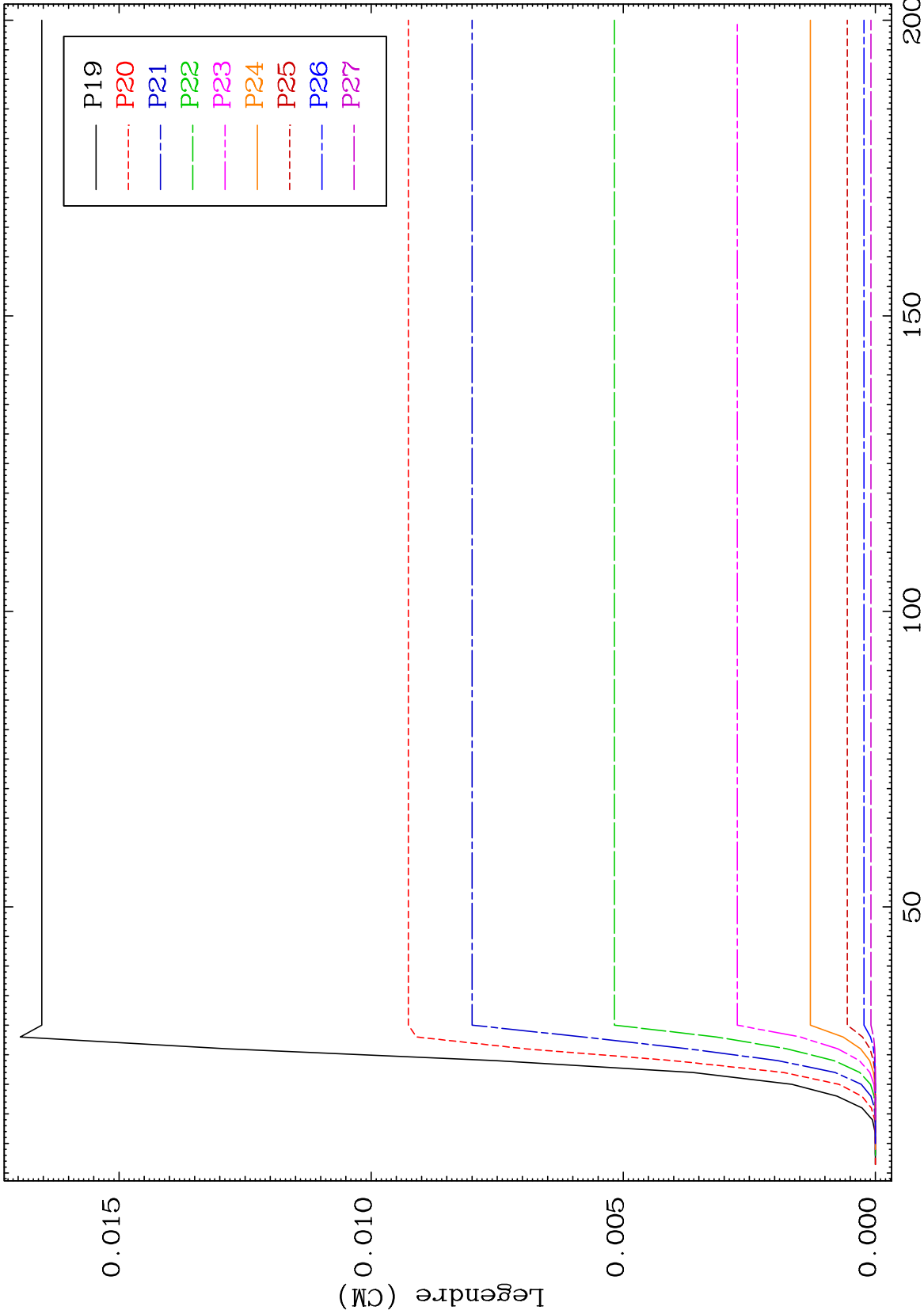
75-Re-183

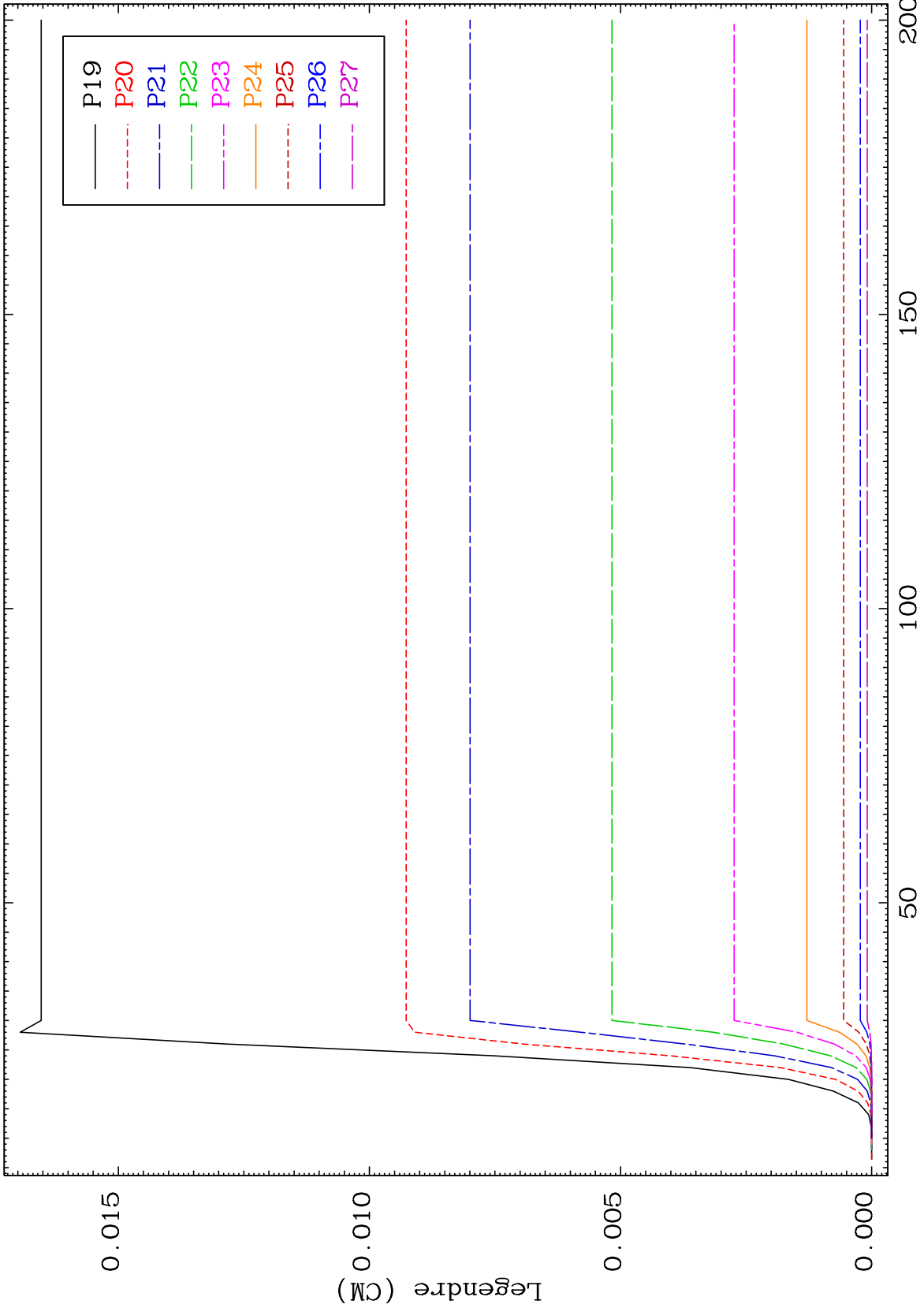


121

Incident Energy (MeV)

75-Re-183

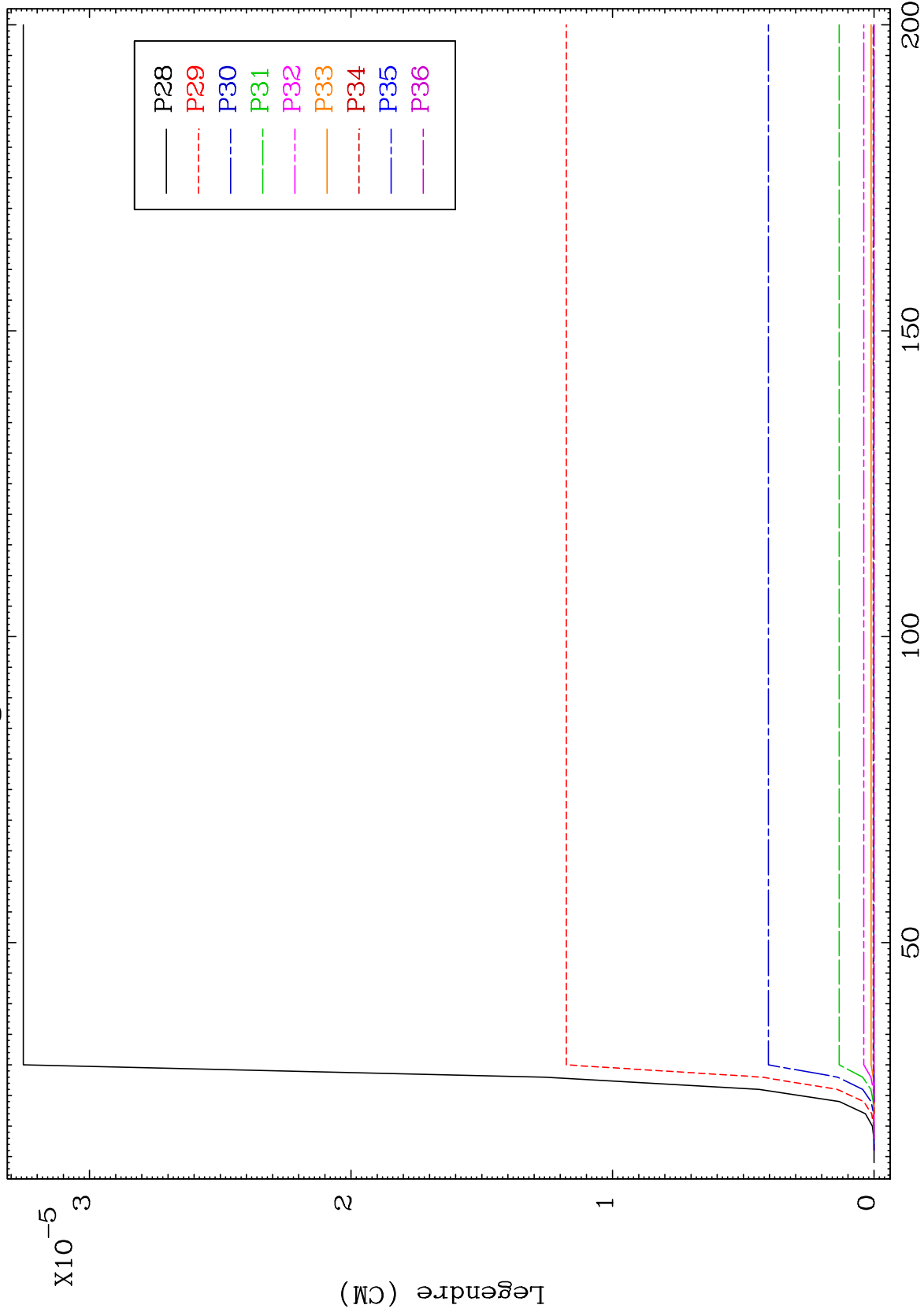




MAT 7519

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

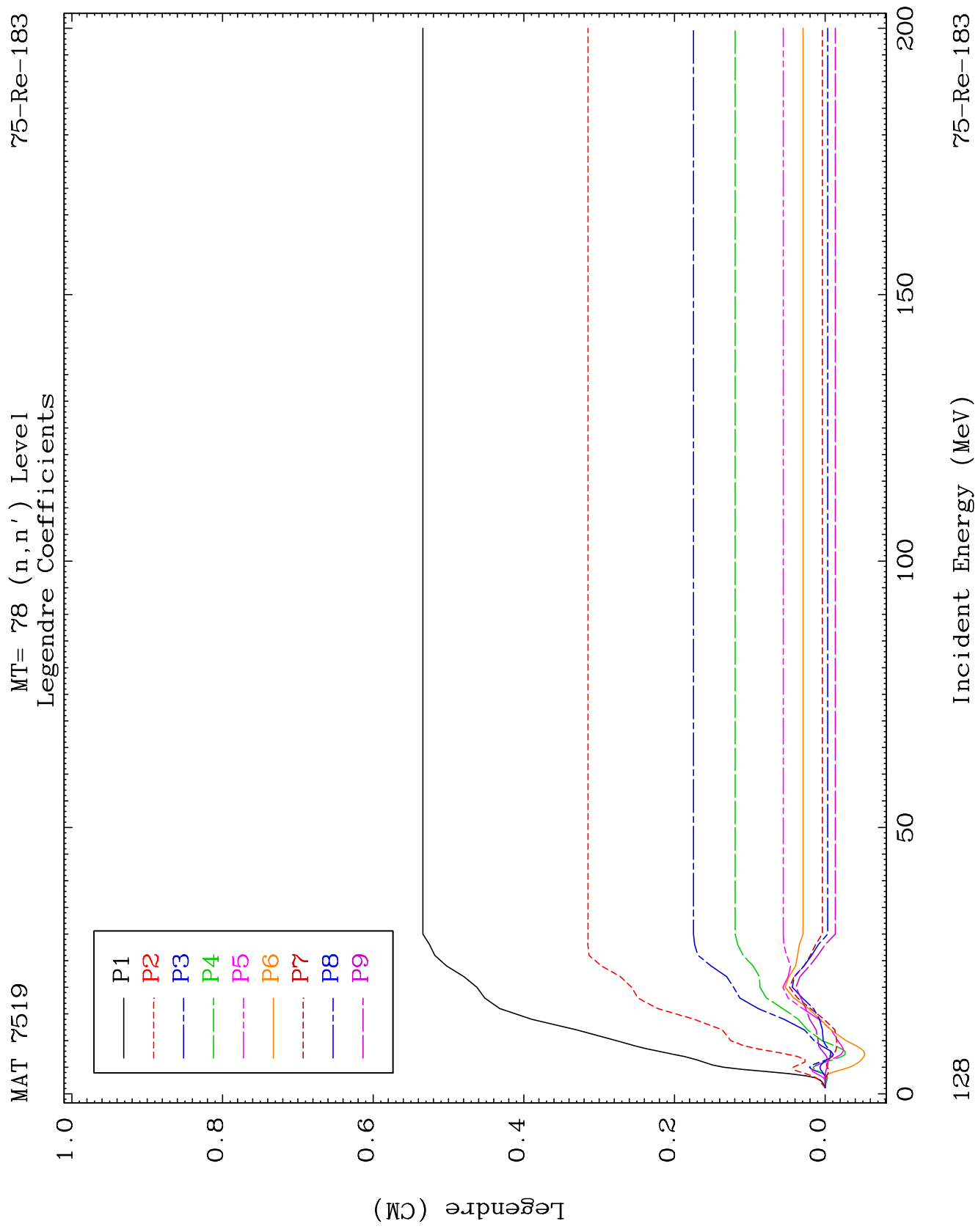
75-Re-183

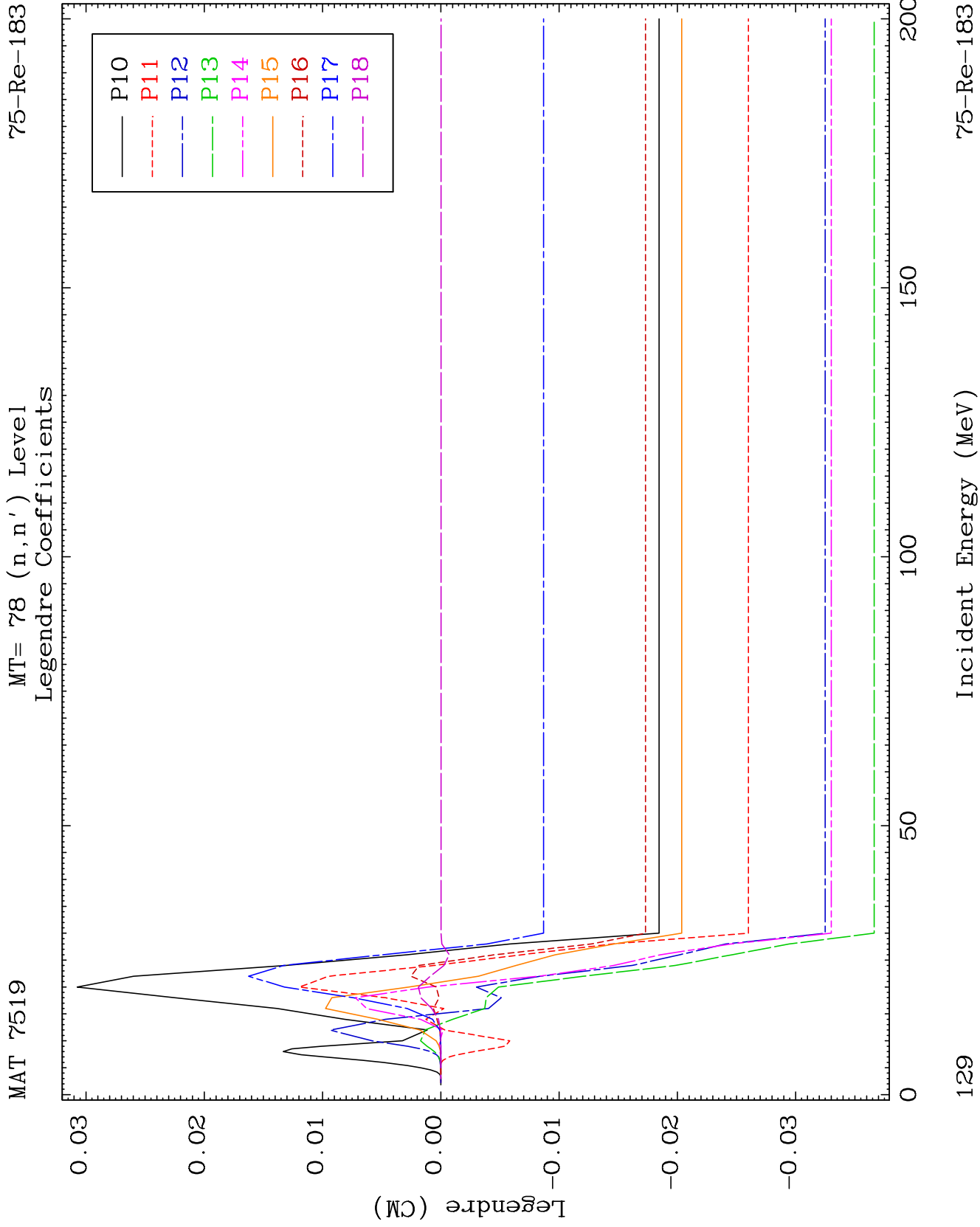


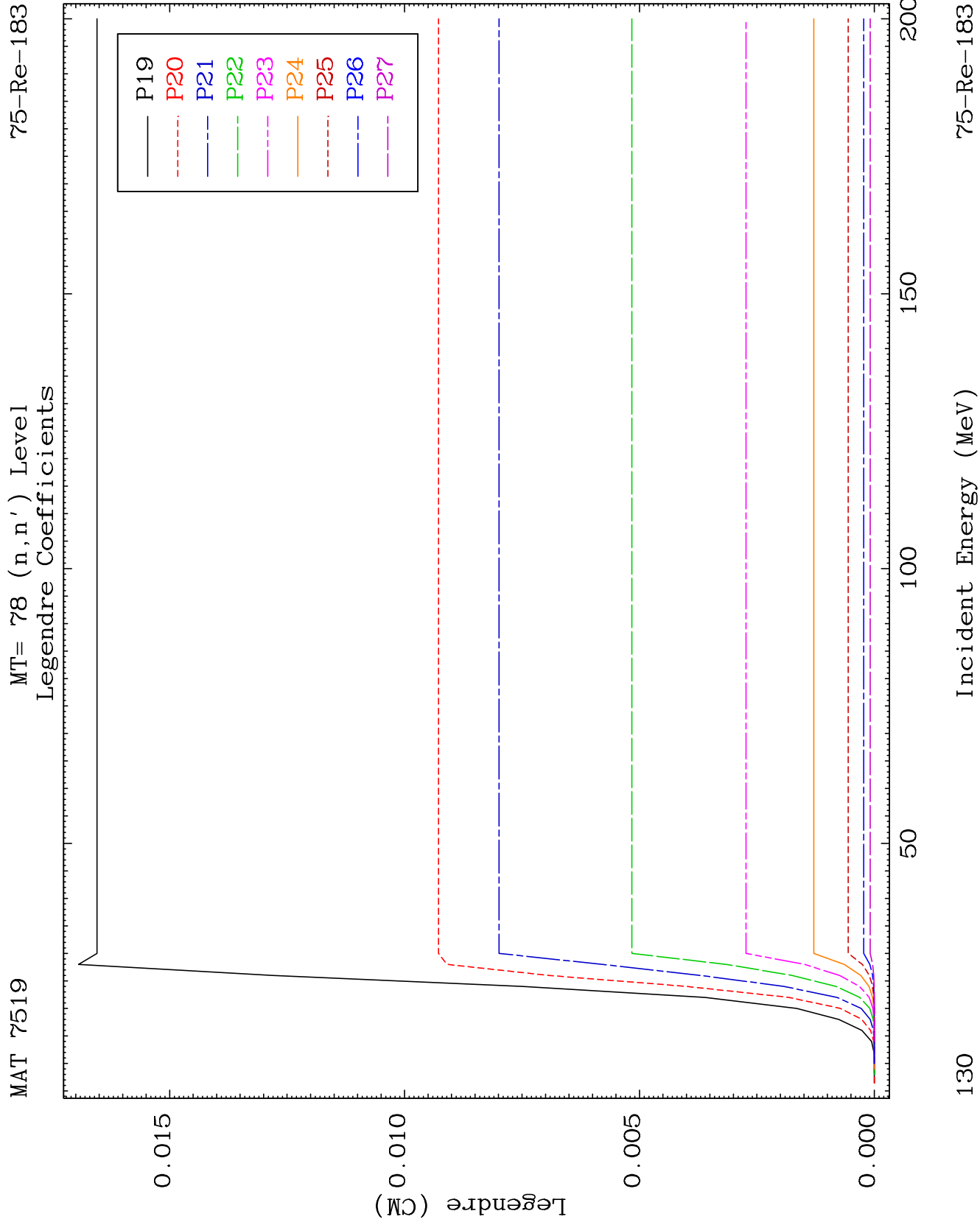
127

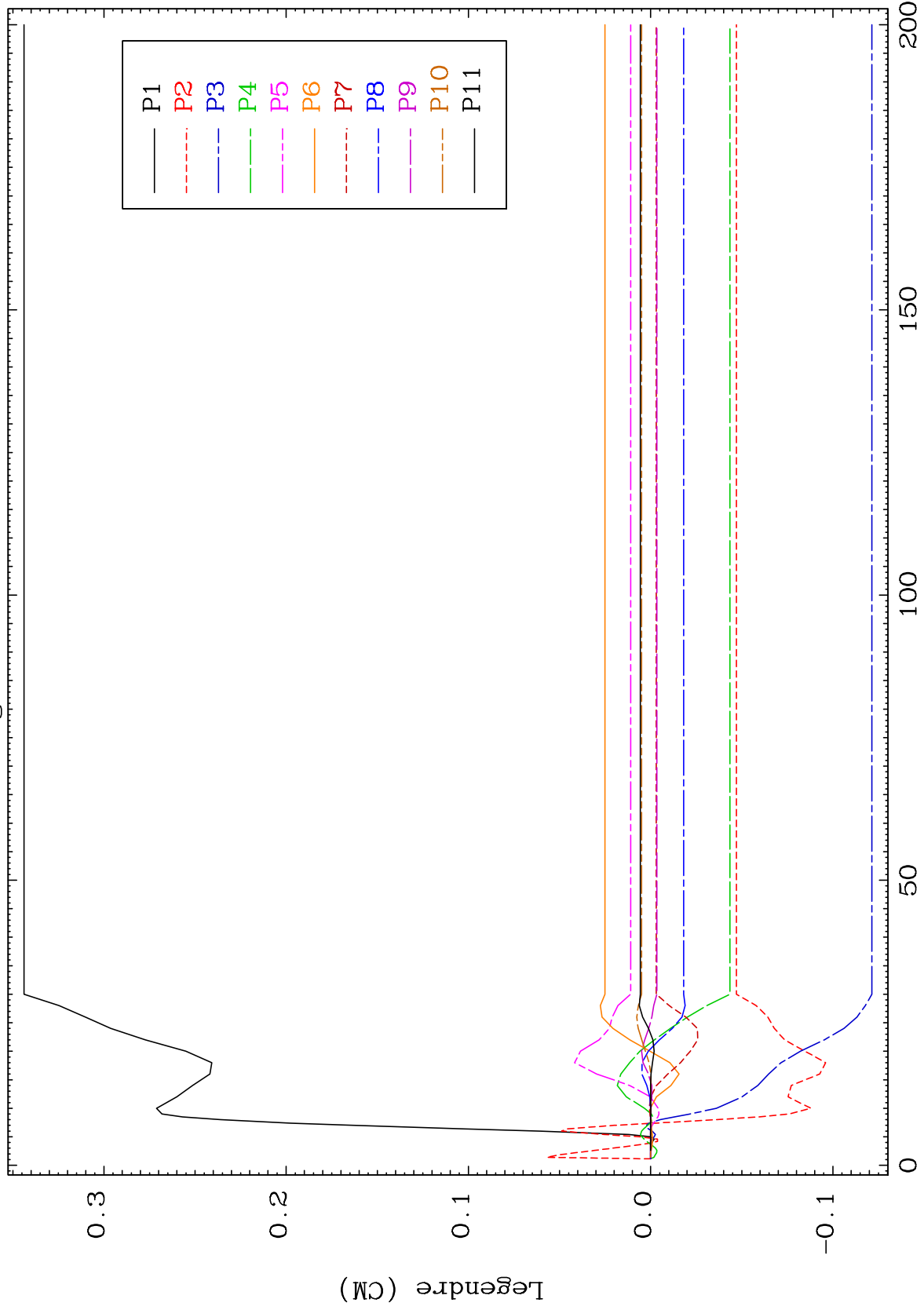
Incident Energy (MeV)

75-Re-183





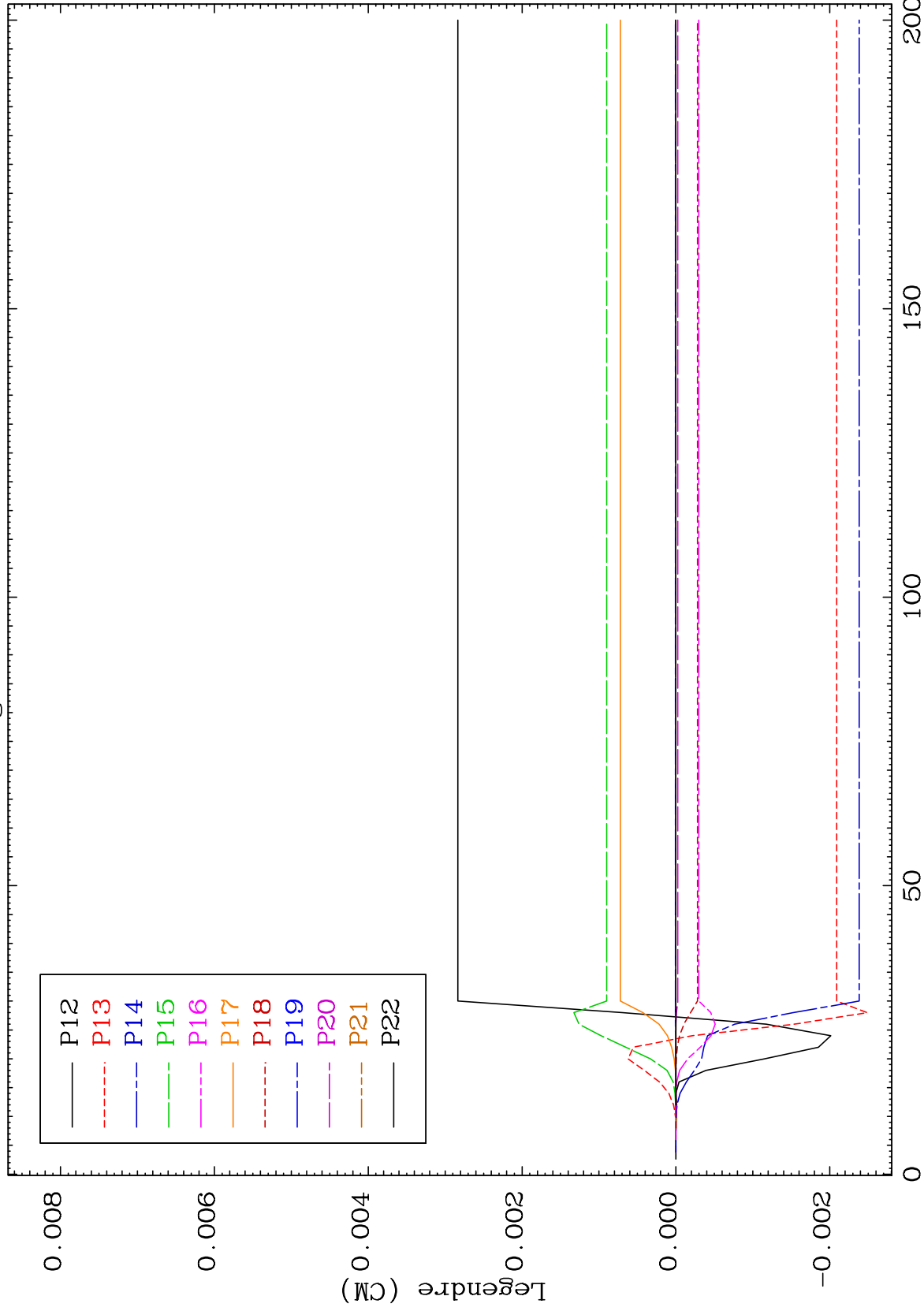




MAT 7519

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

75-Re-183



133

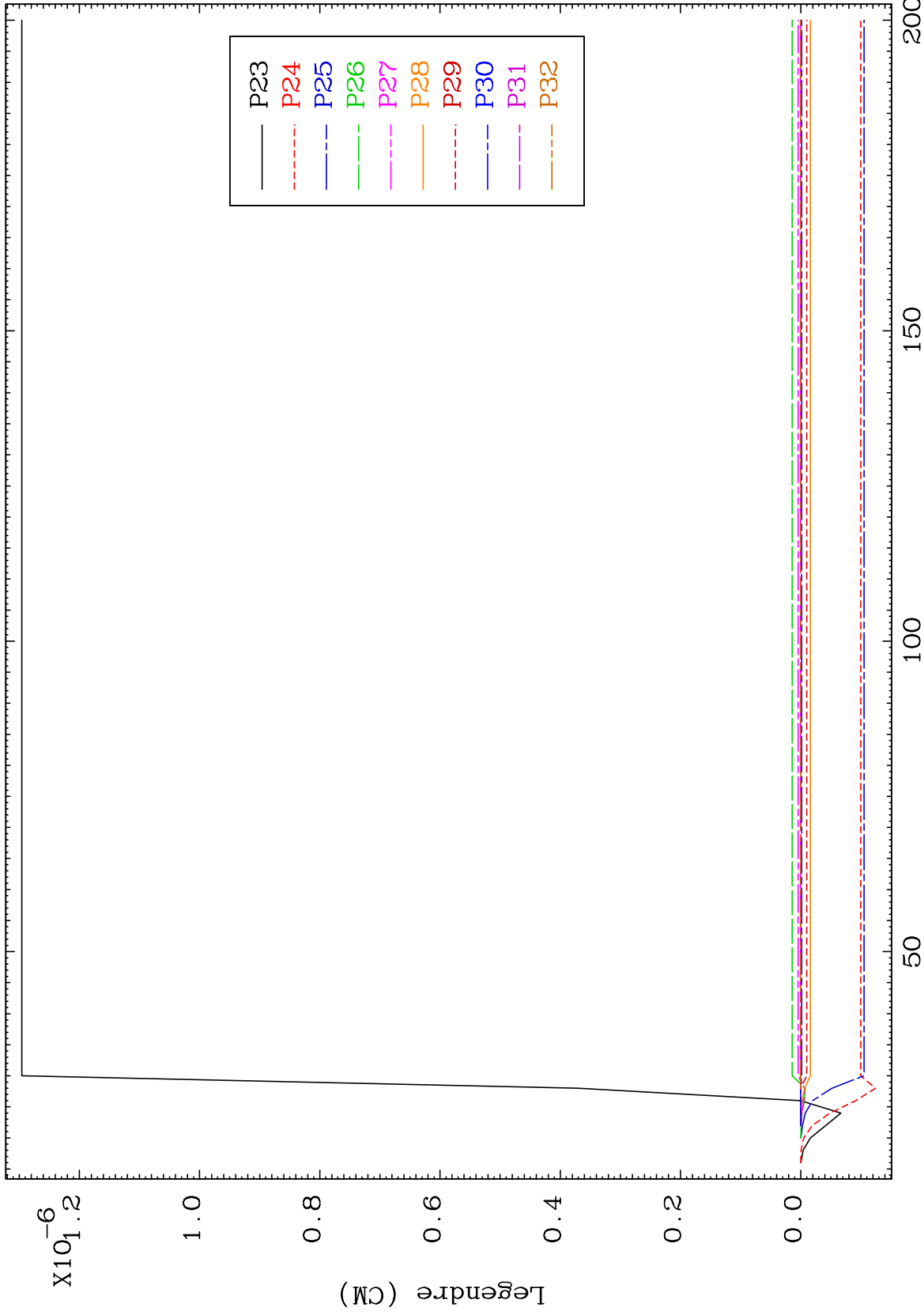
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



134

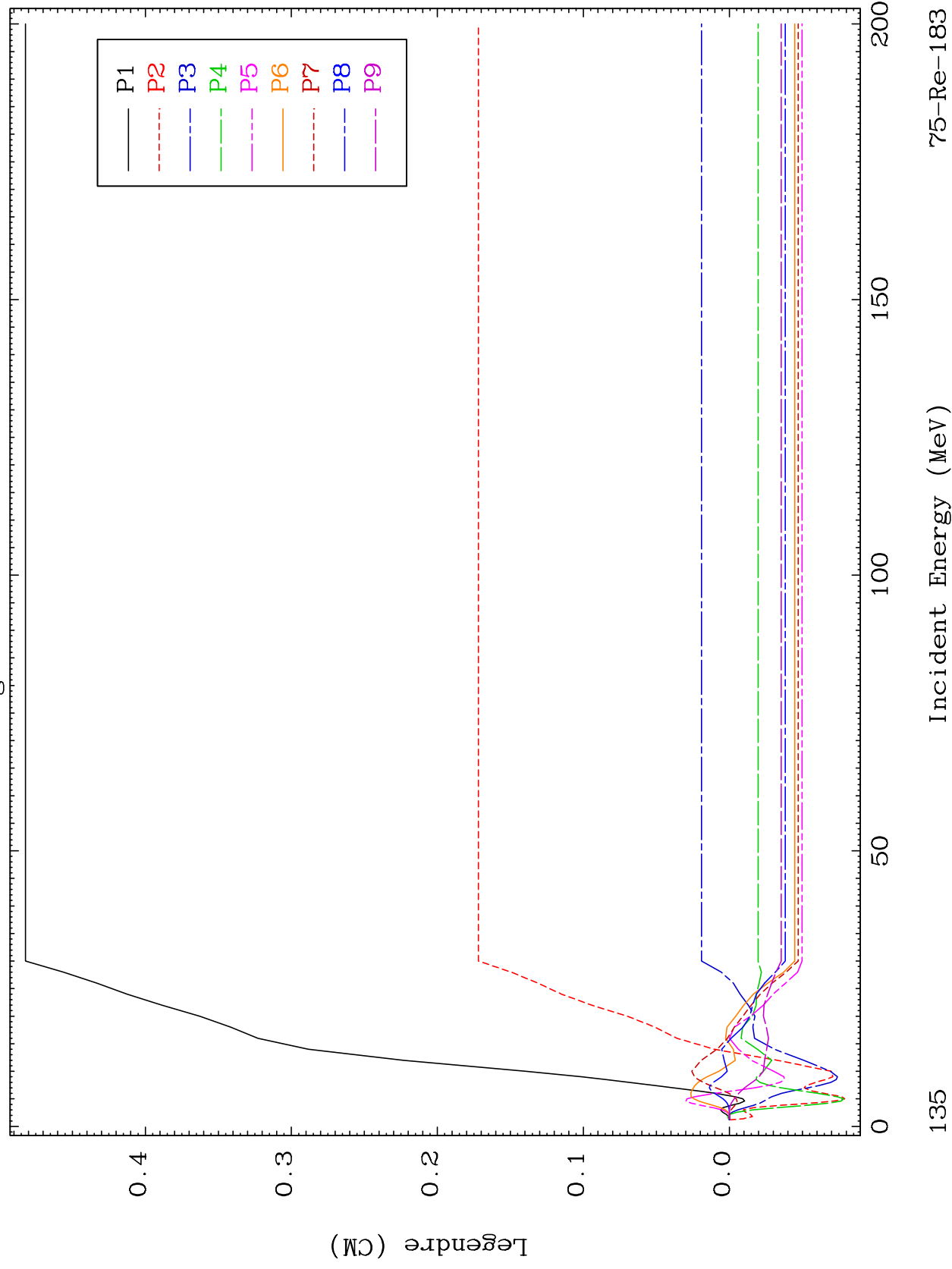
Incident Energy (MeV)

75-Re-183

MAT 7519

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

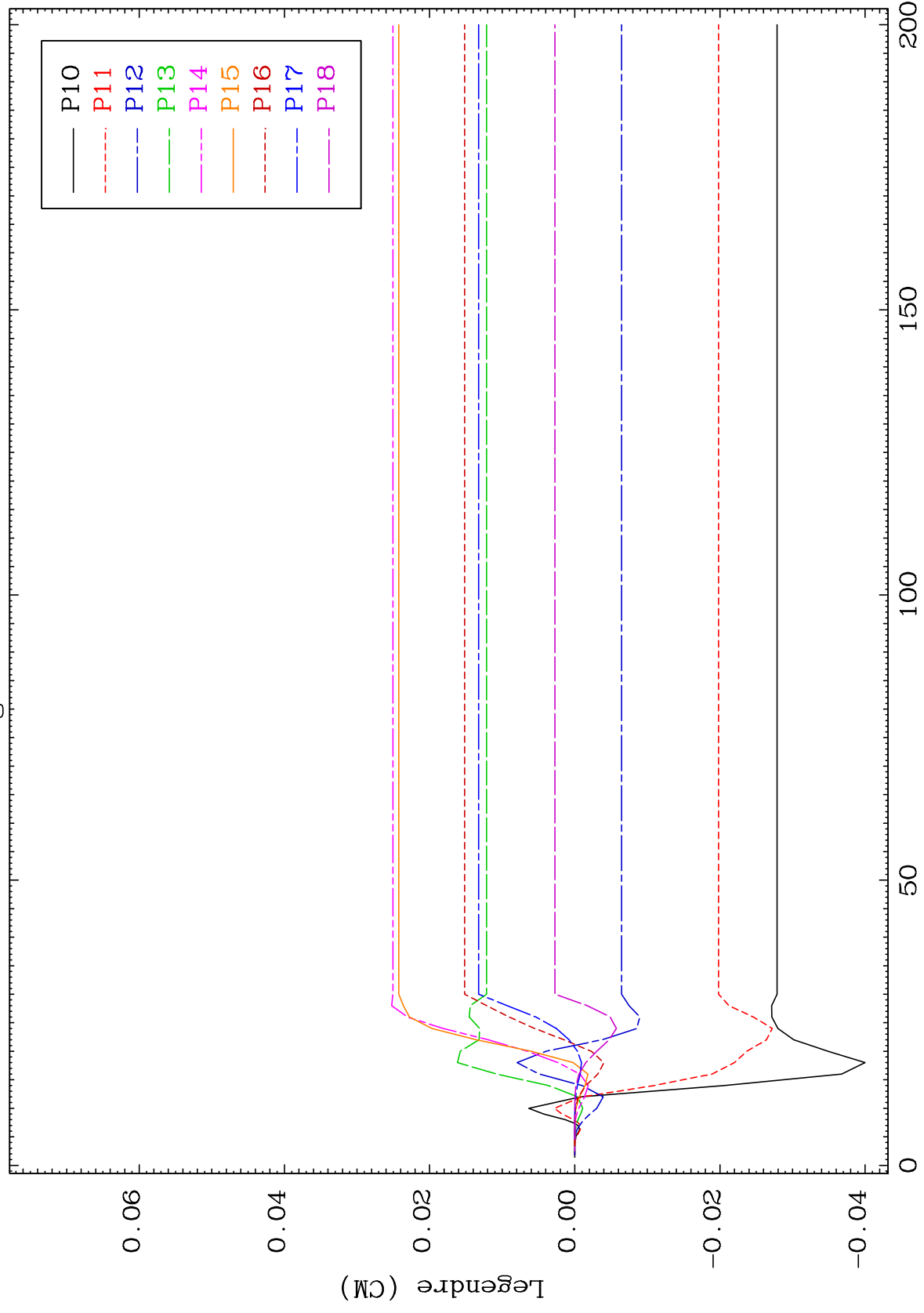
75-Re-183



MAT 7519

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

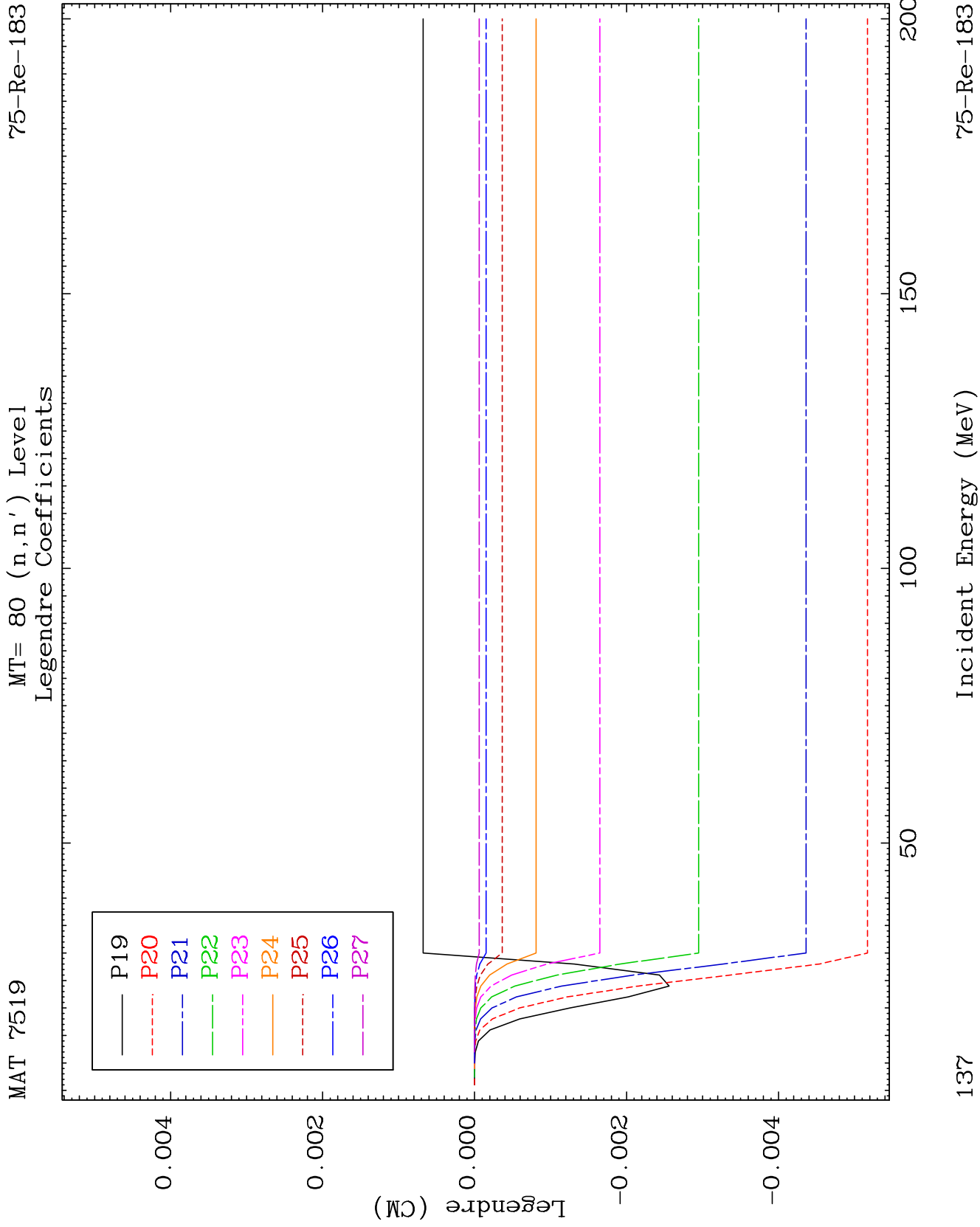
75-Re-183

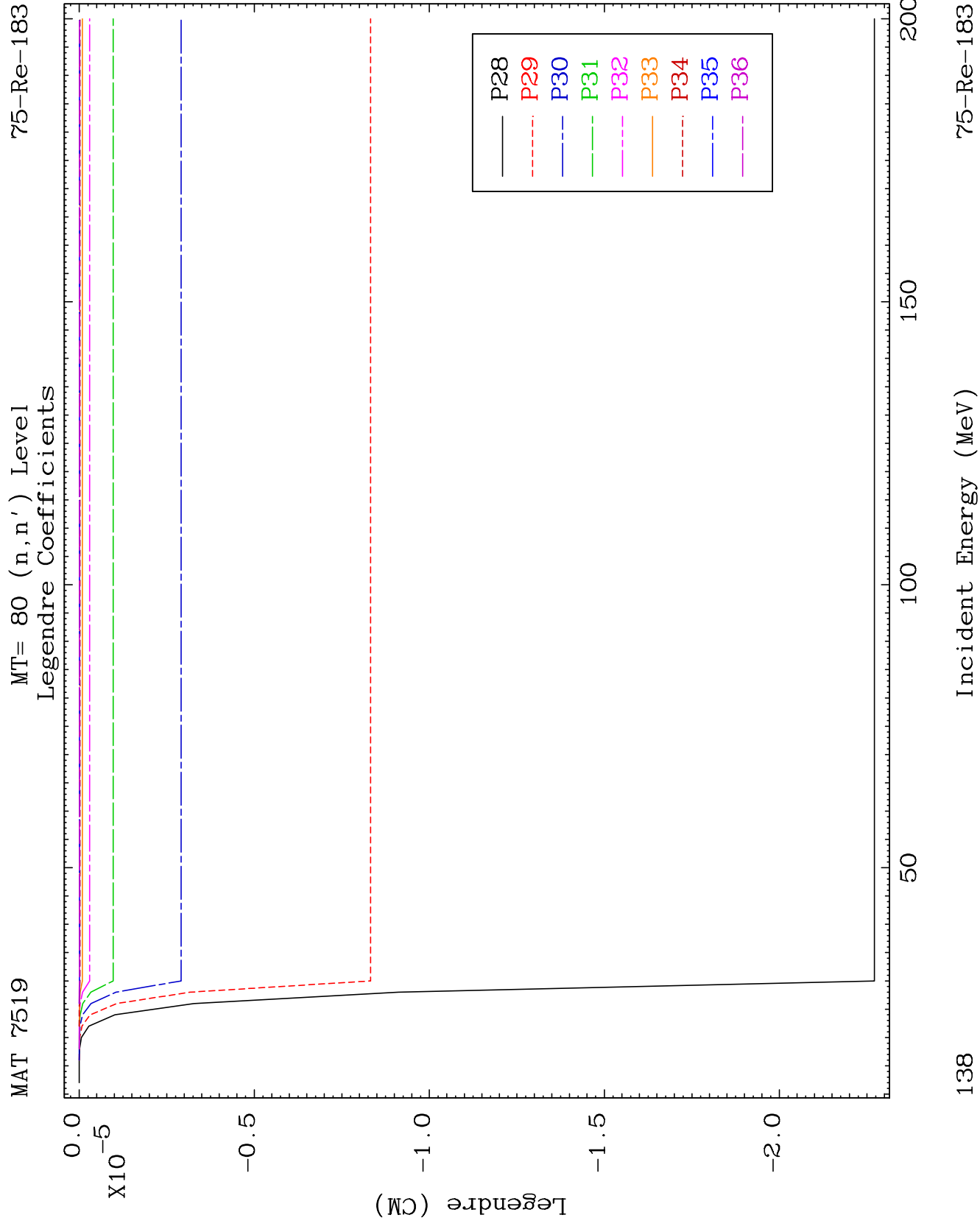


136

Incident Energy (MeV)

75-Re-183

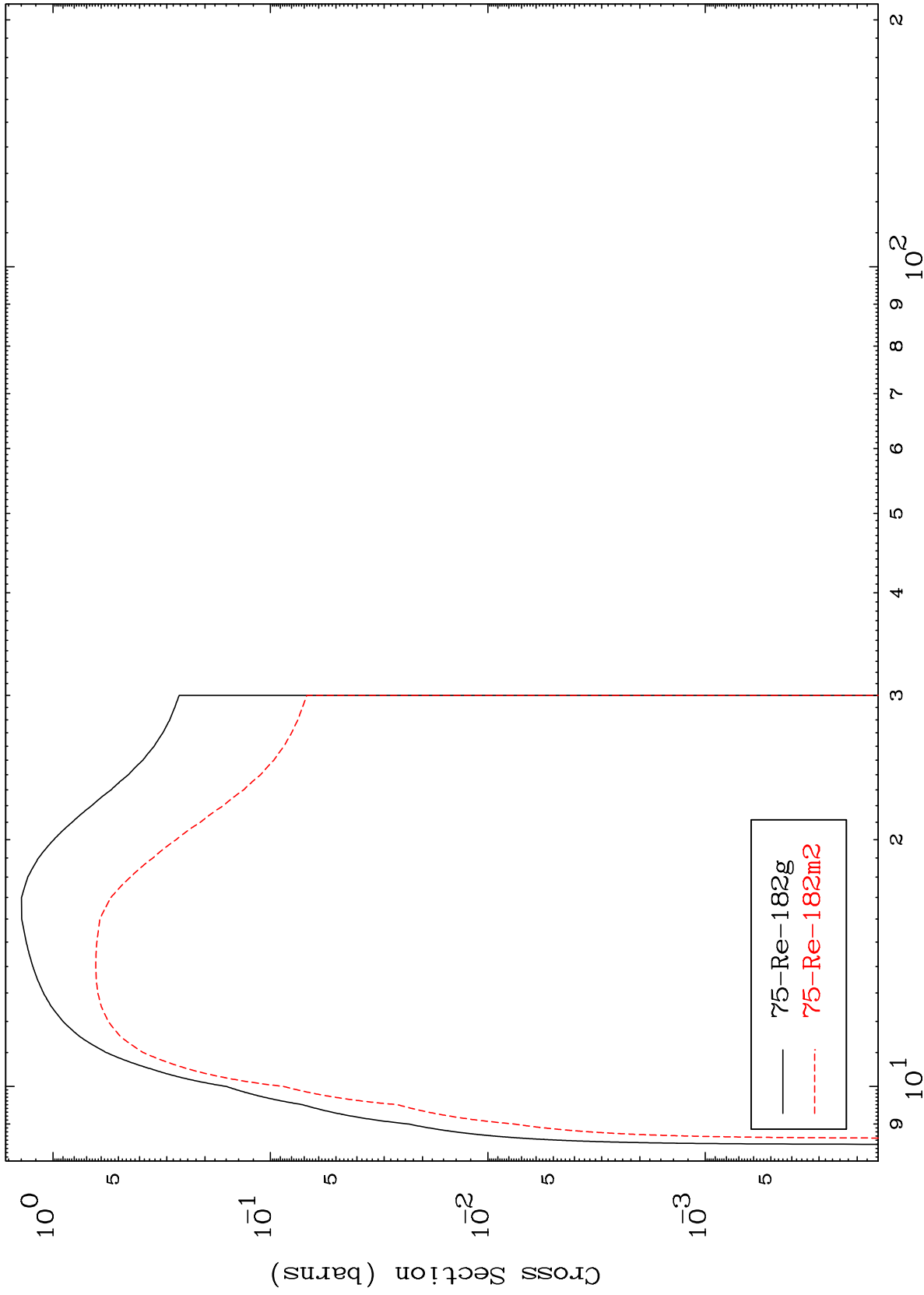




MAT 7519

75-Re-183

(n,2n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

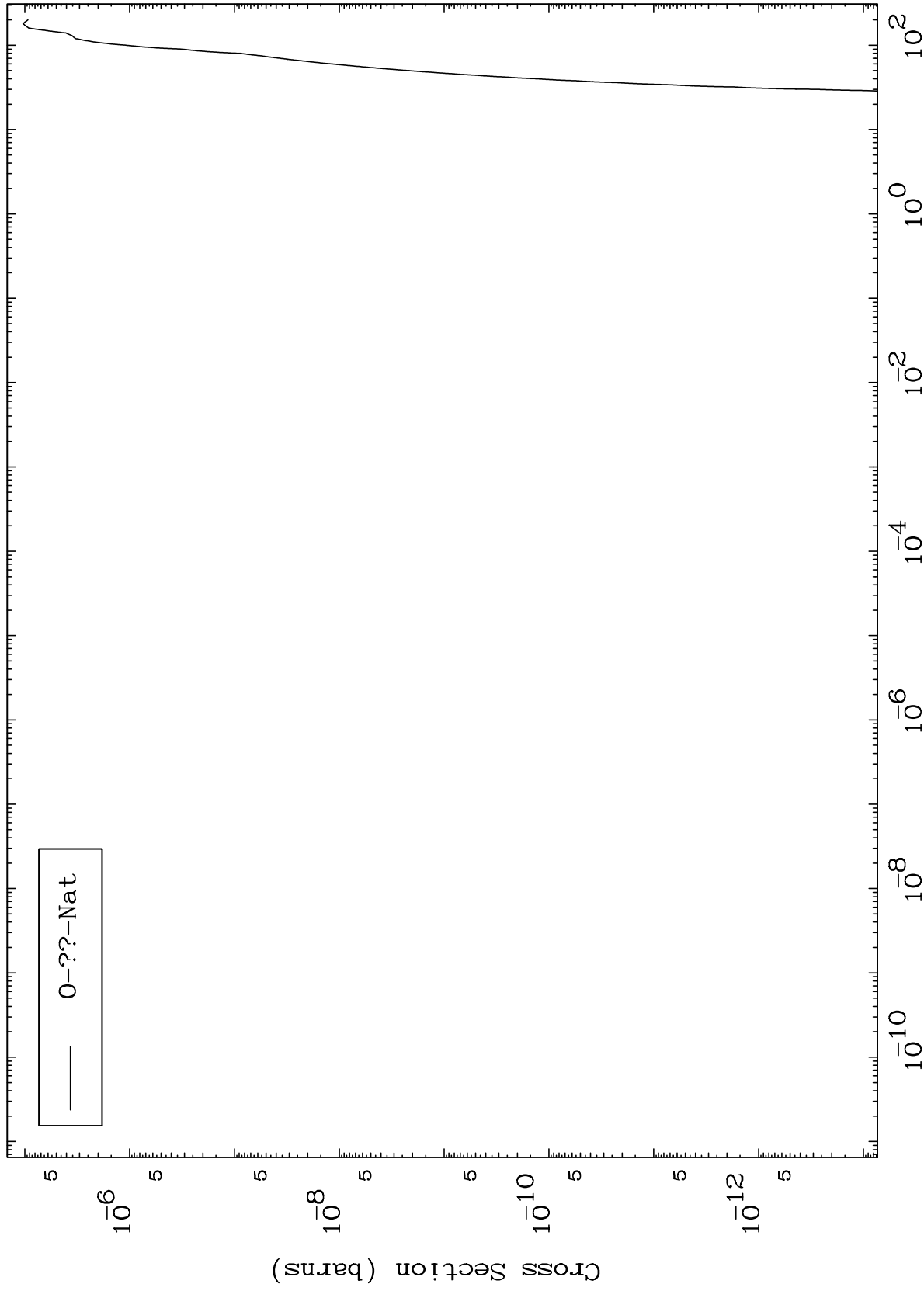
75-Re-183

MAT 7519

Fission

⁷⁵Re-183

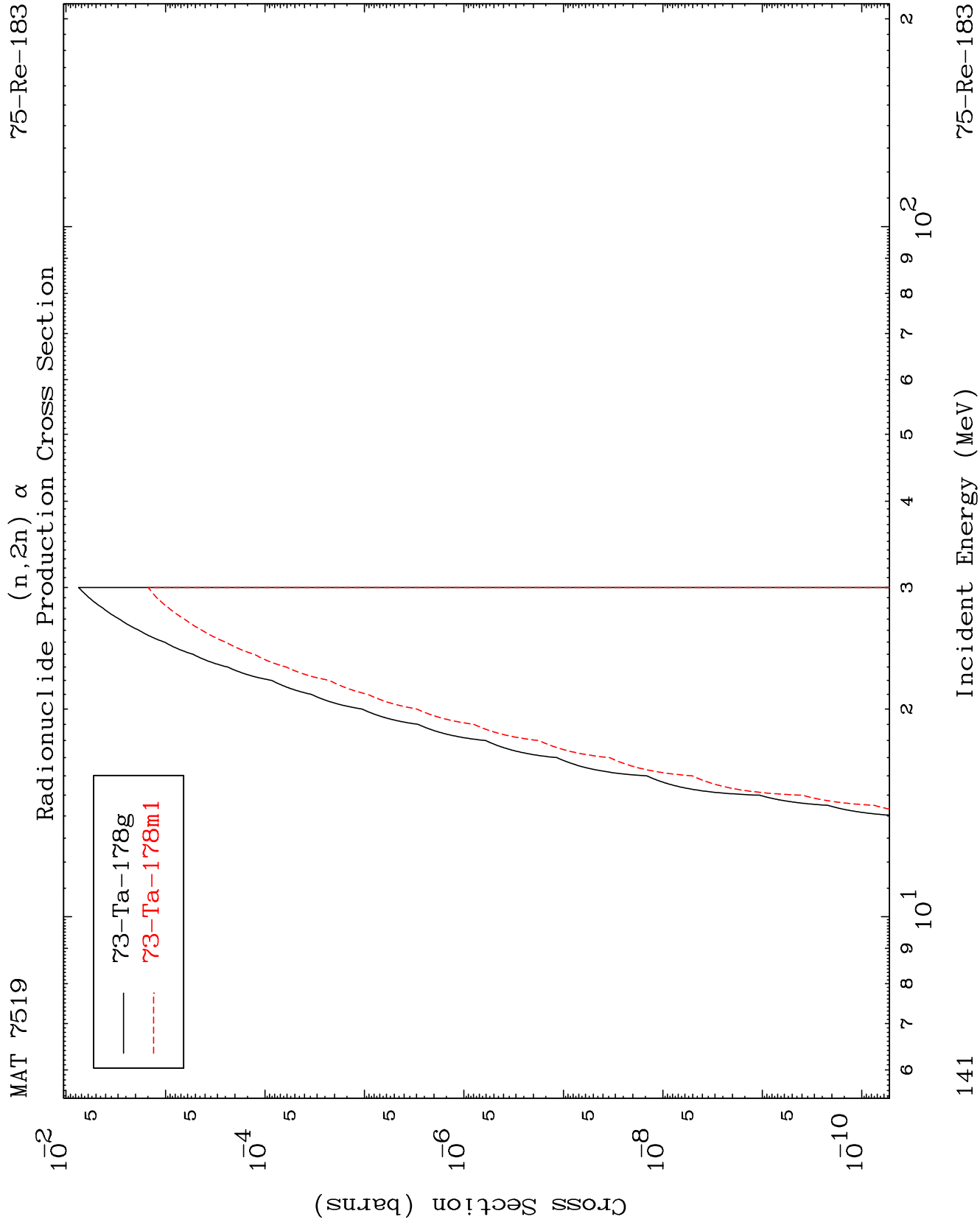
Radionuclide Production Cross Section



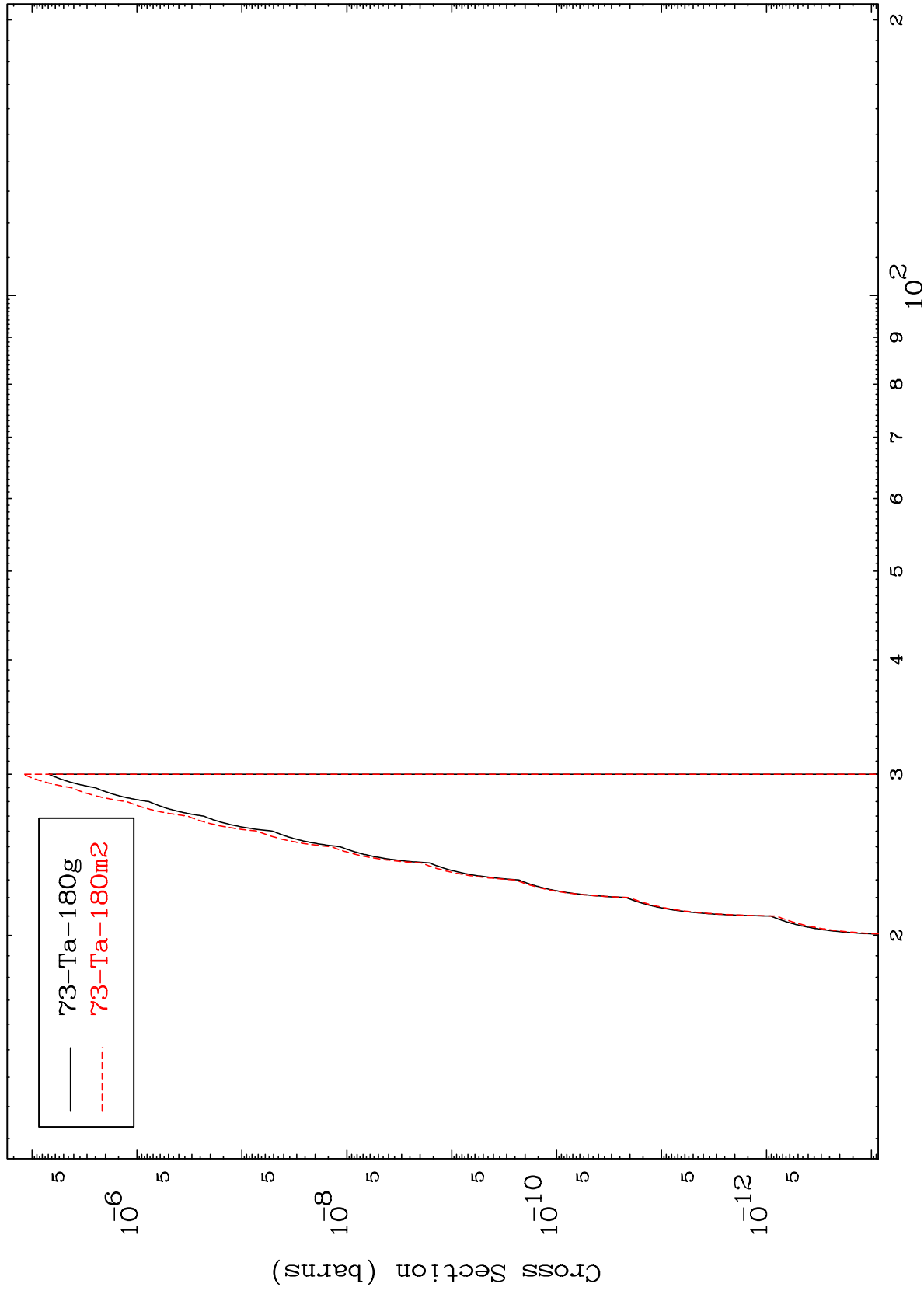
140

Incident Energy (MeV)

⁷⁵Re-183



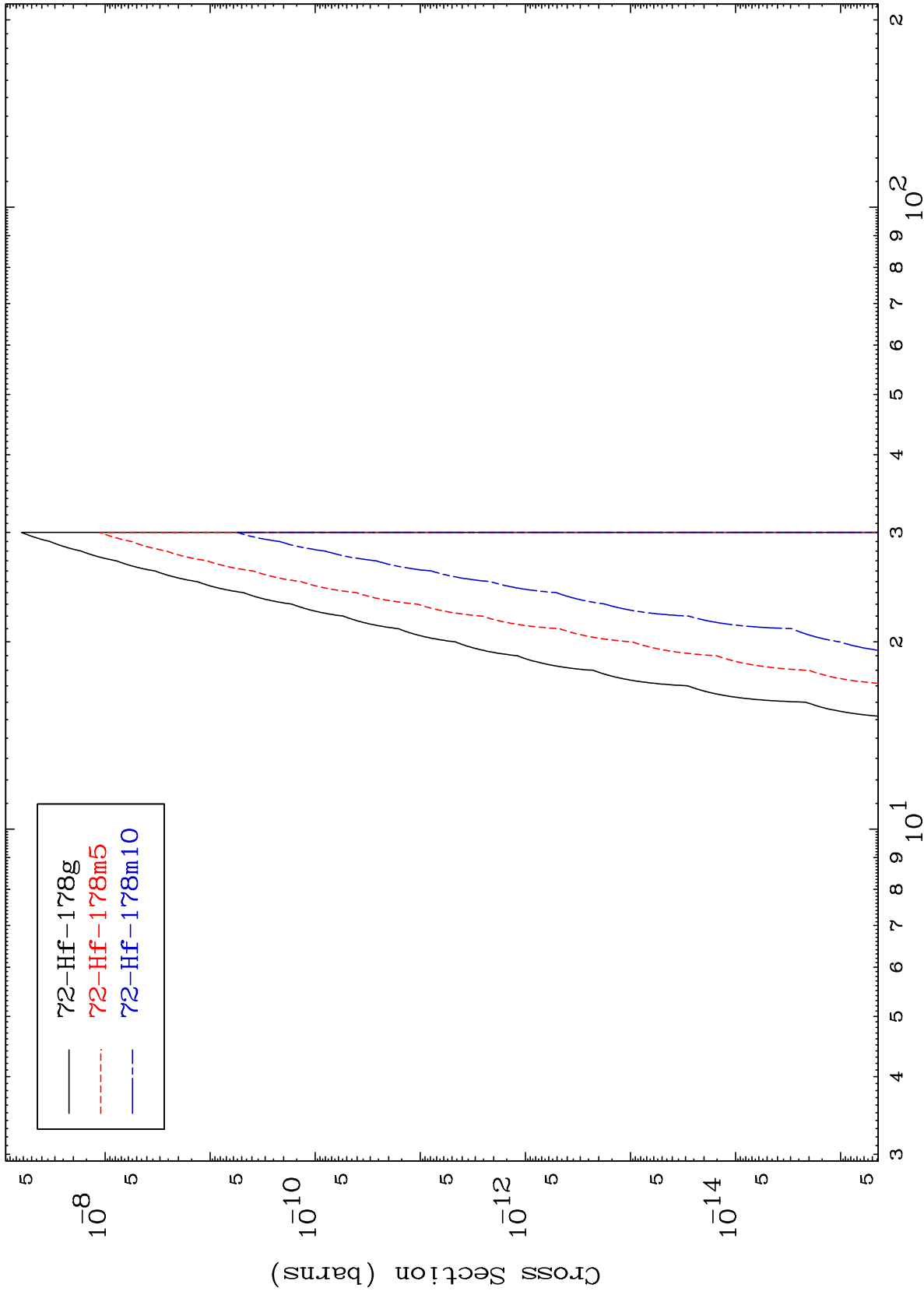
Radionuclide Production Cross Section



MAT 7519

75-Re-183

(n,n') p α
Radionuclide Production Cross Section



143

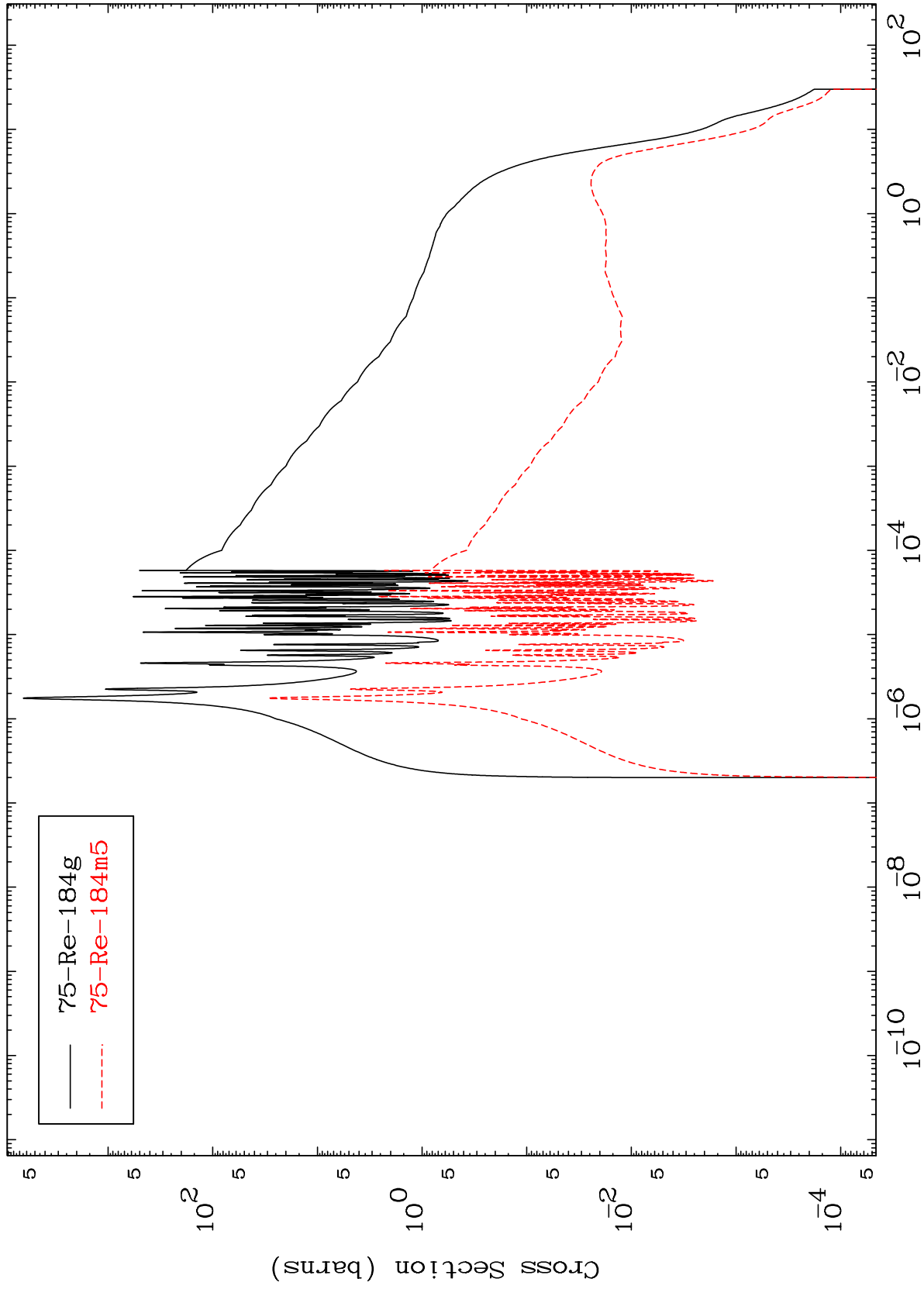
Incident Energy (MeV)

75-Re-183

MAT 7519

75-Re-183

Radionuclide Production Cross Section



144

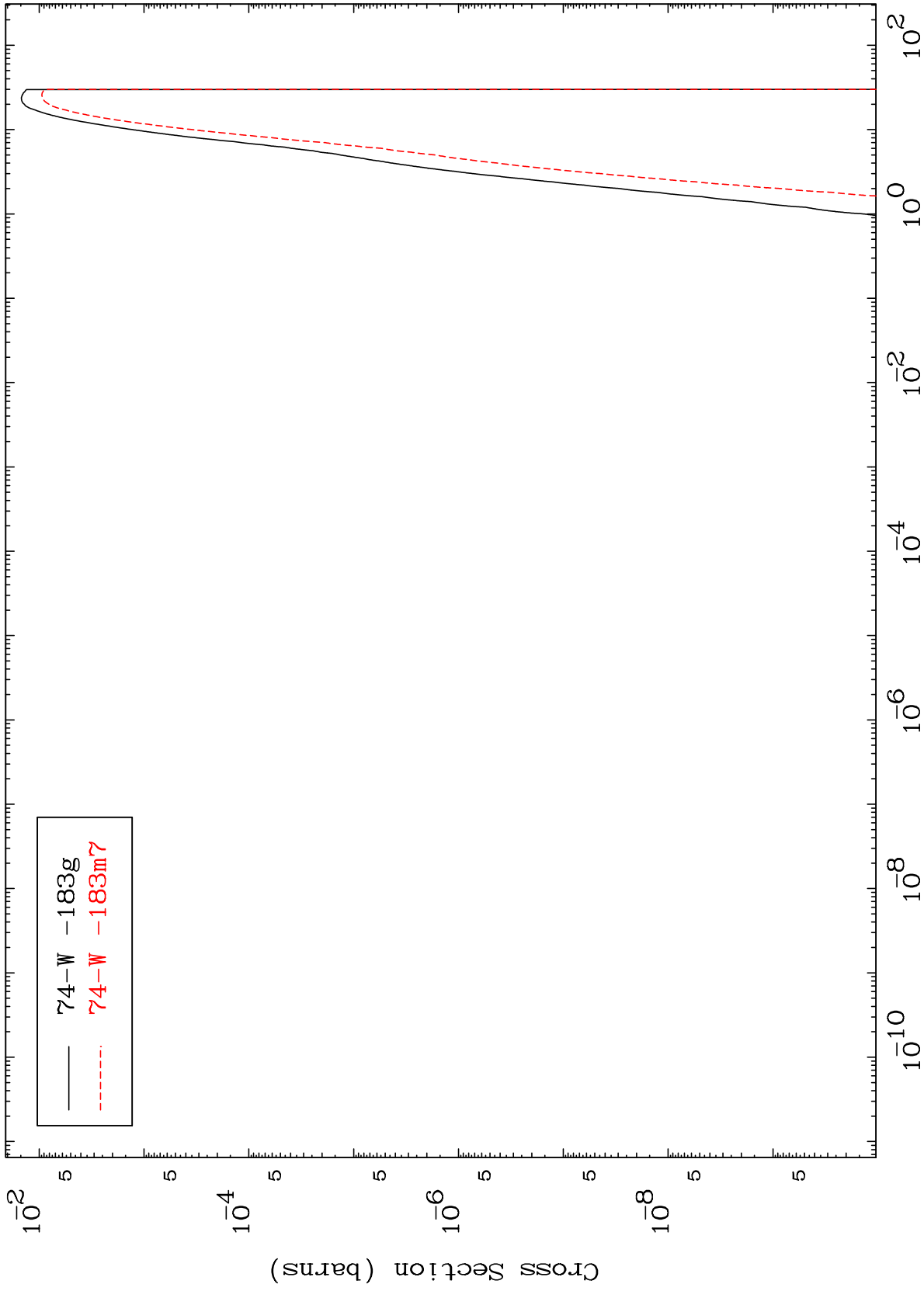
75-Re-183

MAT 7519

(n,p)

⁷⁵Re-183

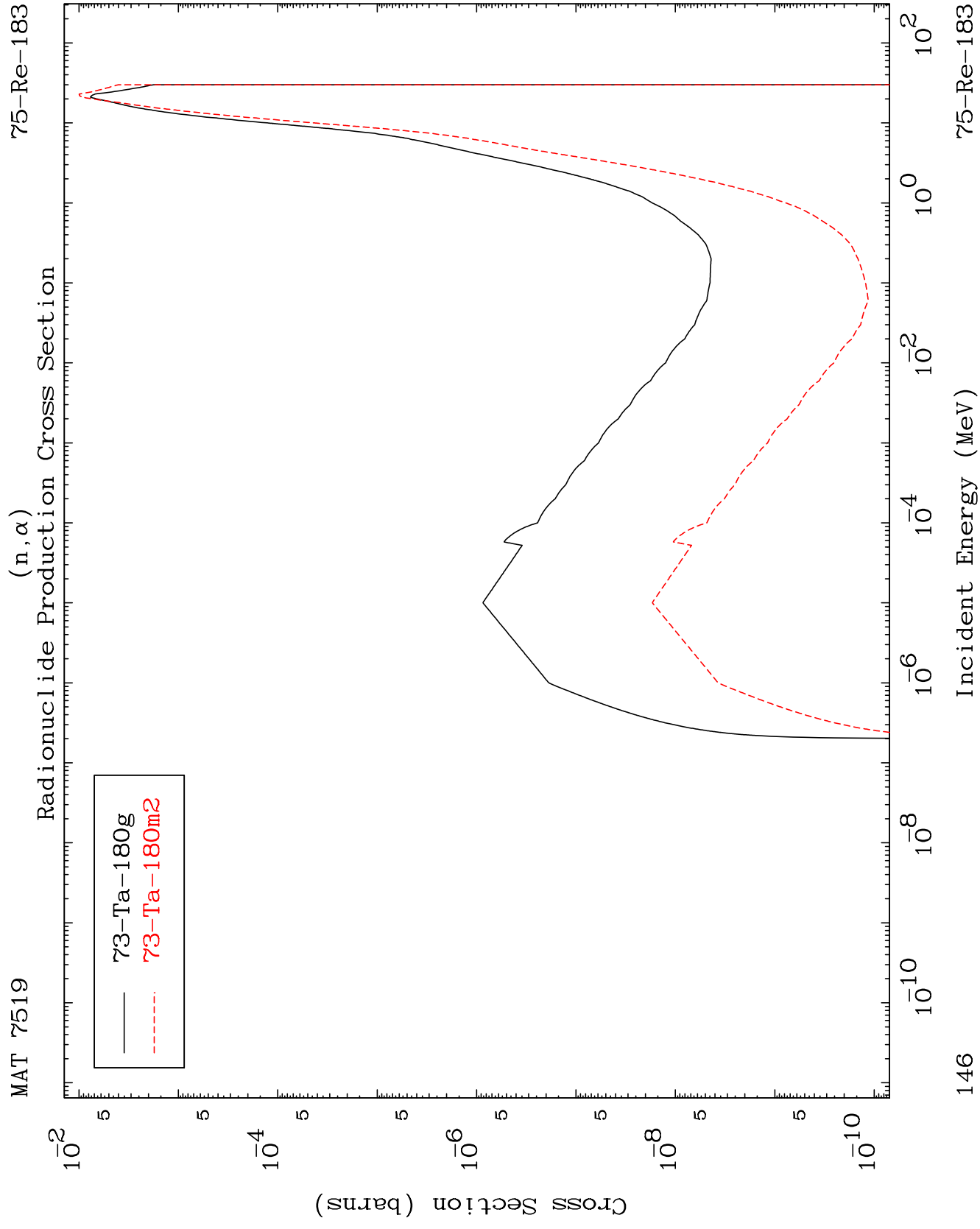
Radionuclide Production Cross Section



145

Incident Energy (MeV)

⁷⁵Re-183

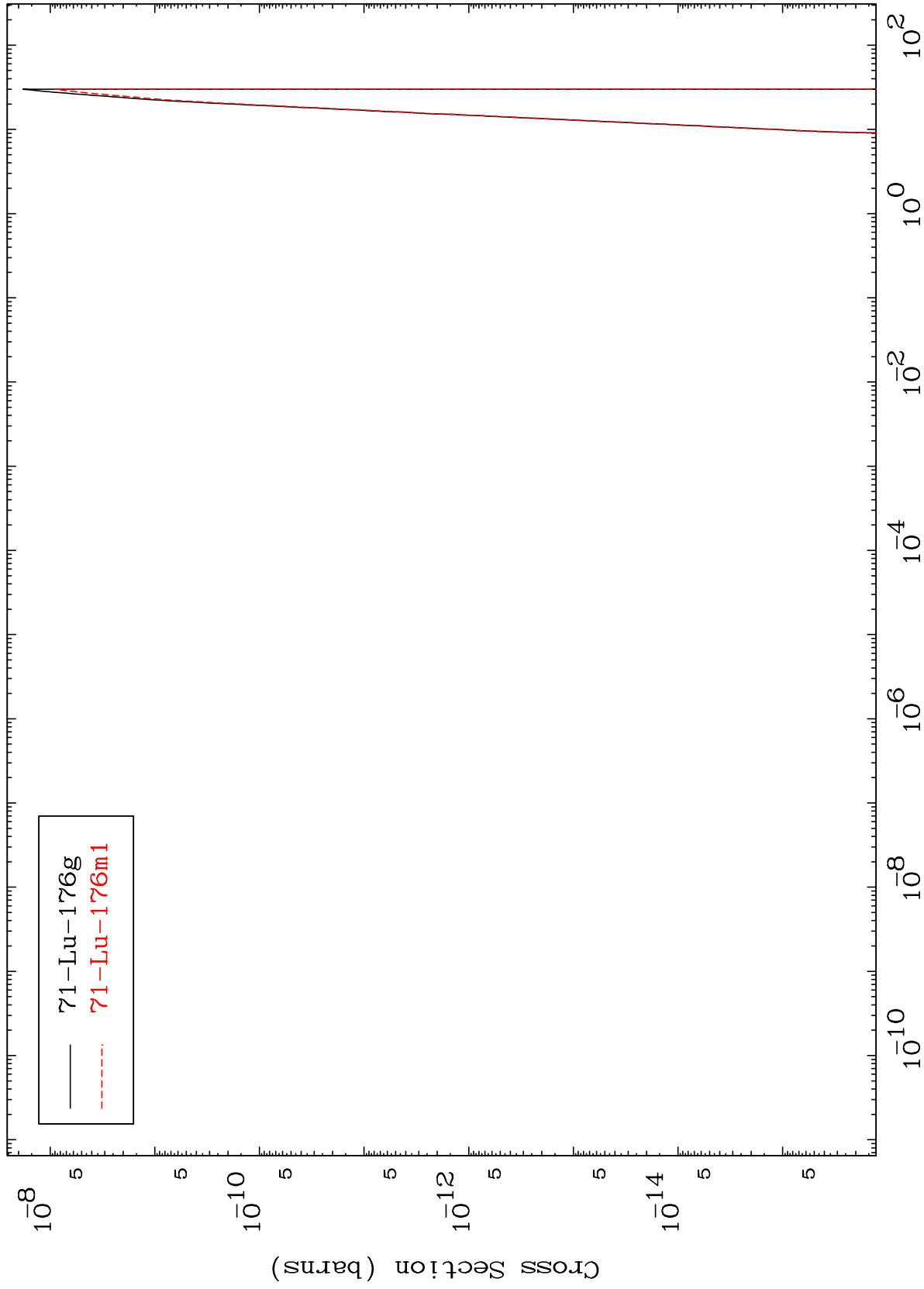


MAT 7519

(n,2α)

75-Re-183

Radionuclide Production Cross Section

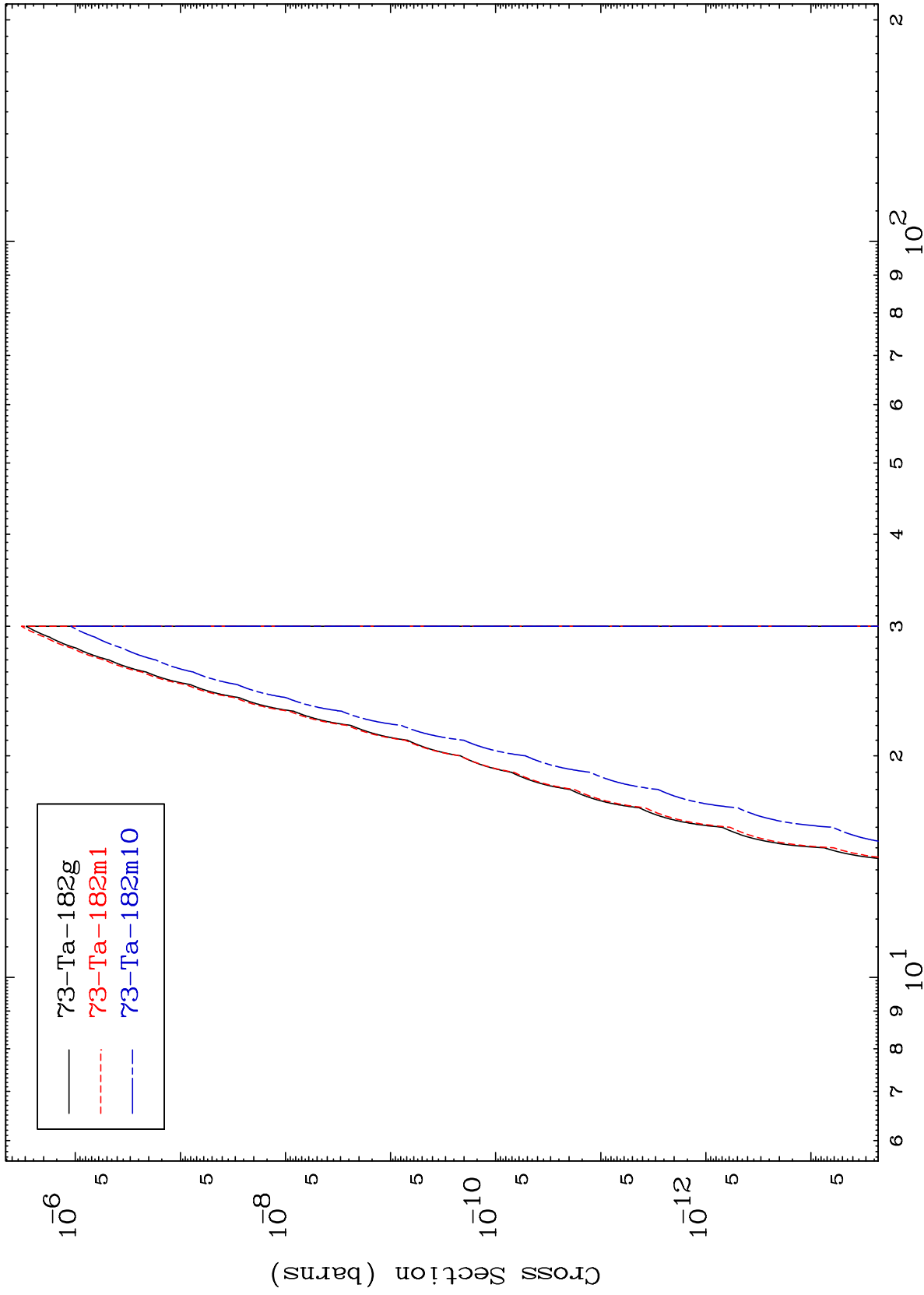


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Incident Energy (MeV)

75-Re-183

Radionuclide Production Cross Section (n,2p)

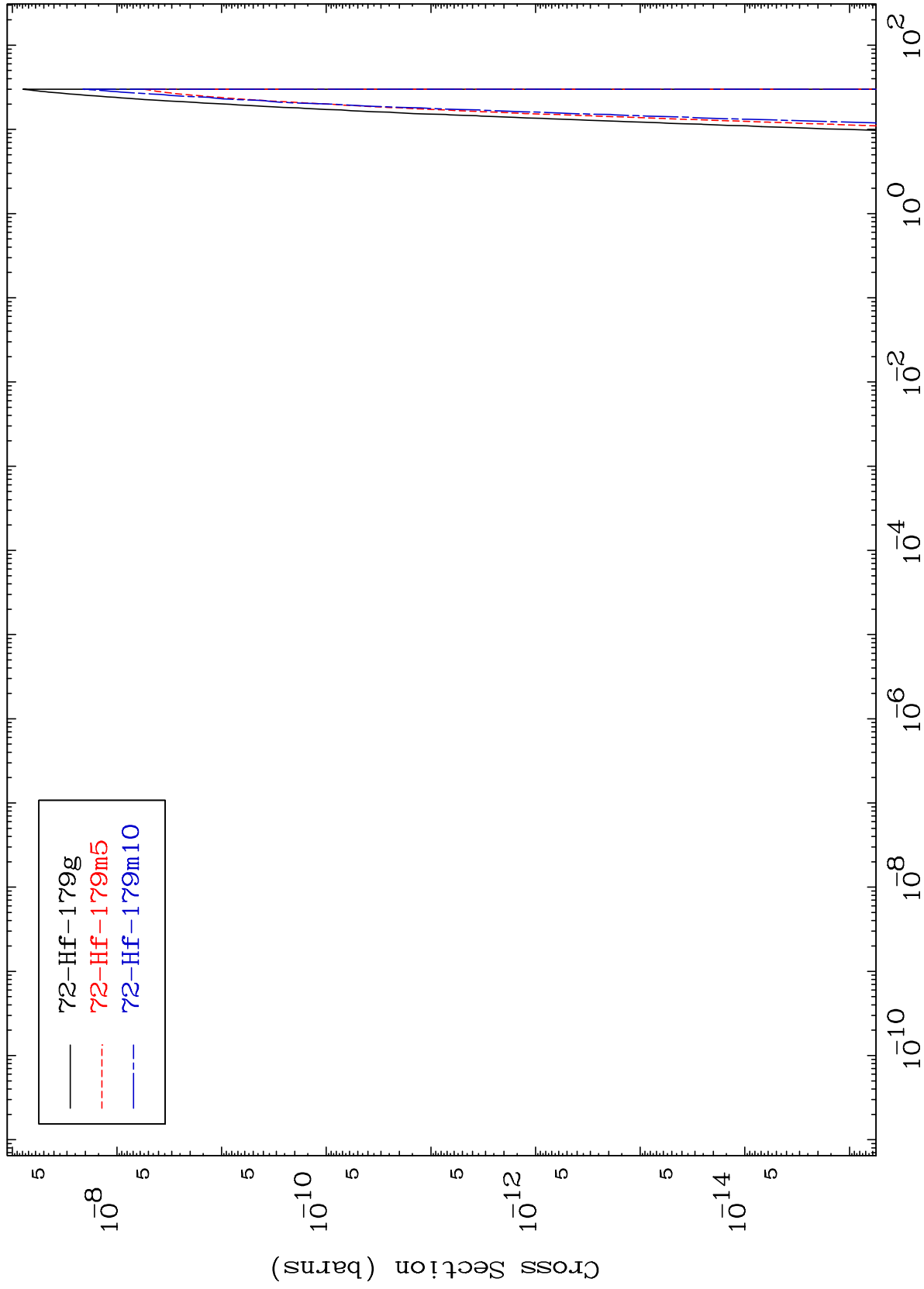


MAT 7519

(n,p) α

75-Re-183

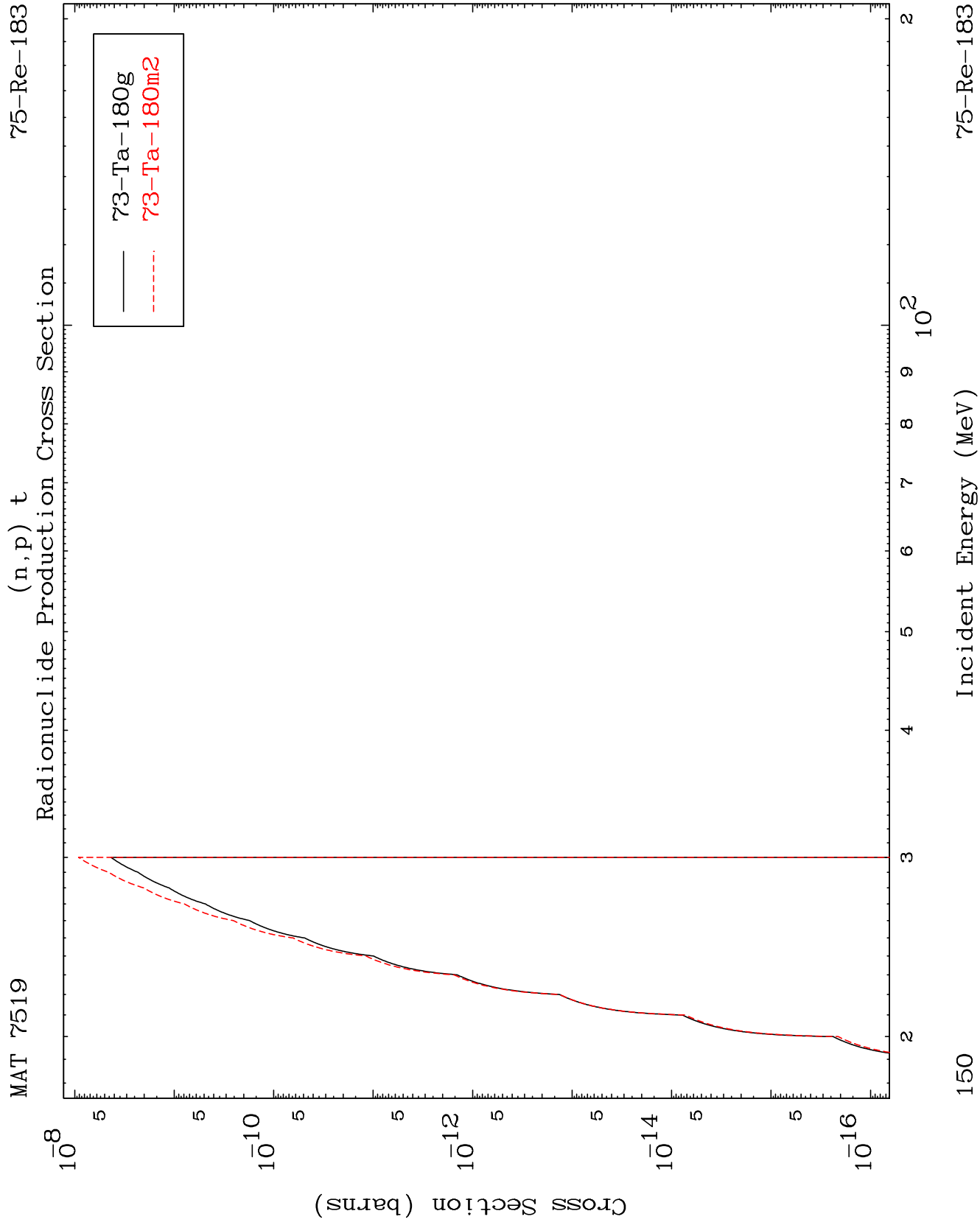
Radionuclide Production Cross Section



149

Incident Energy (MeV)

75-Re-183

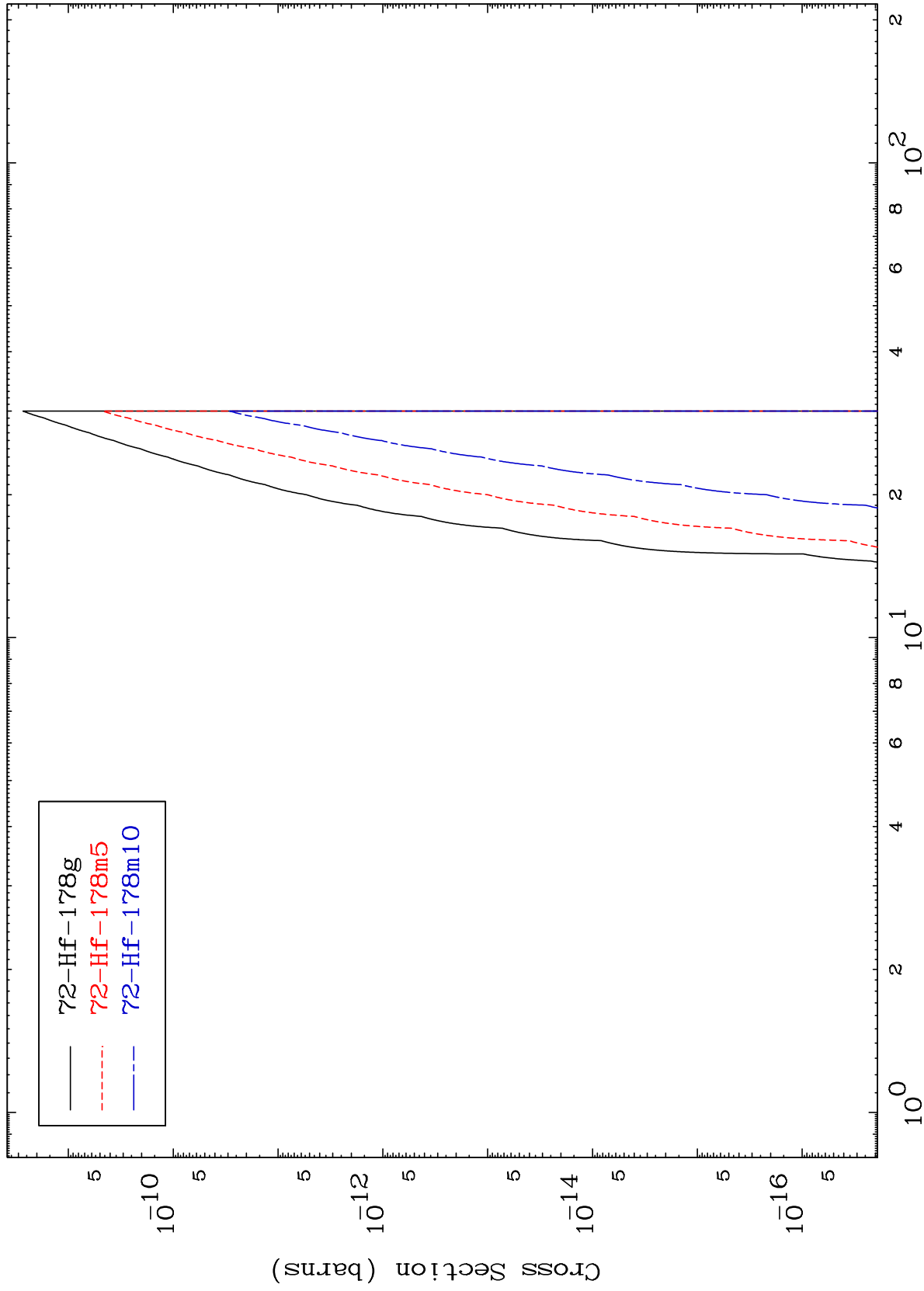


MAT 7519

$(n,d) \alpha$

$^{75}\text{Re-183}$

Radionuclide Production Cross Section



151

Incident Energy (MeV)

$^{75}\text{Re-183}$