

Program EVALPLOT
(Version 2017-1)

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

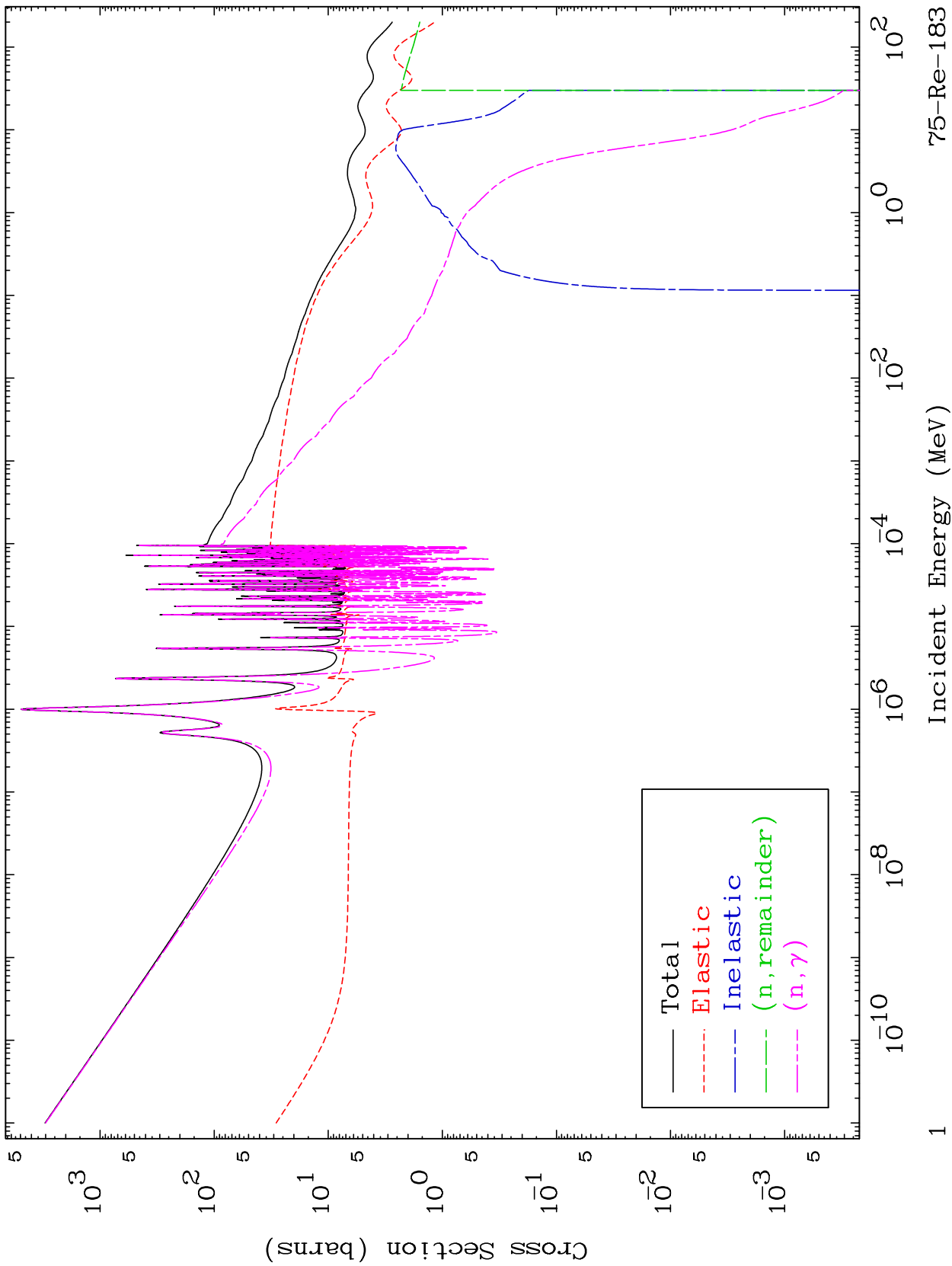
Press Mouse Button to Start

MAT 7519

Major

75-Re-183

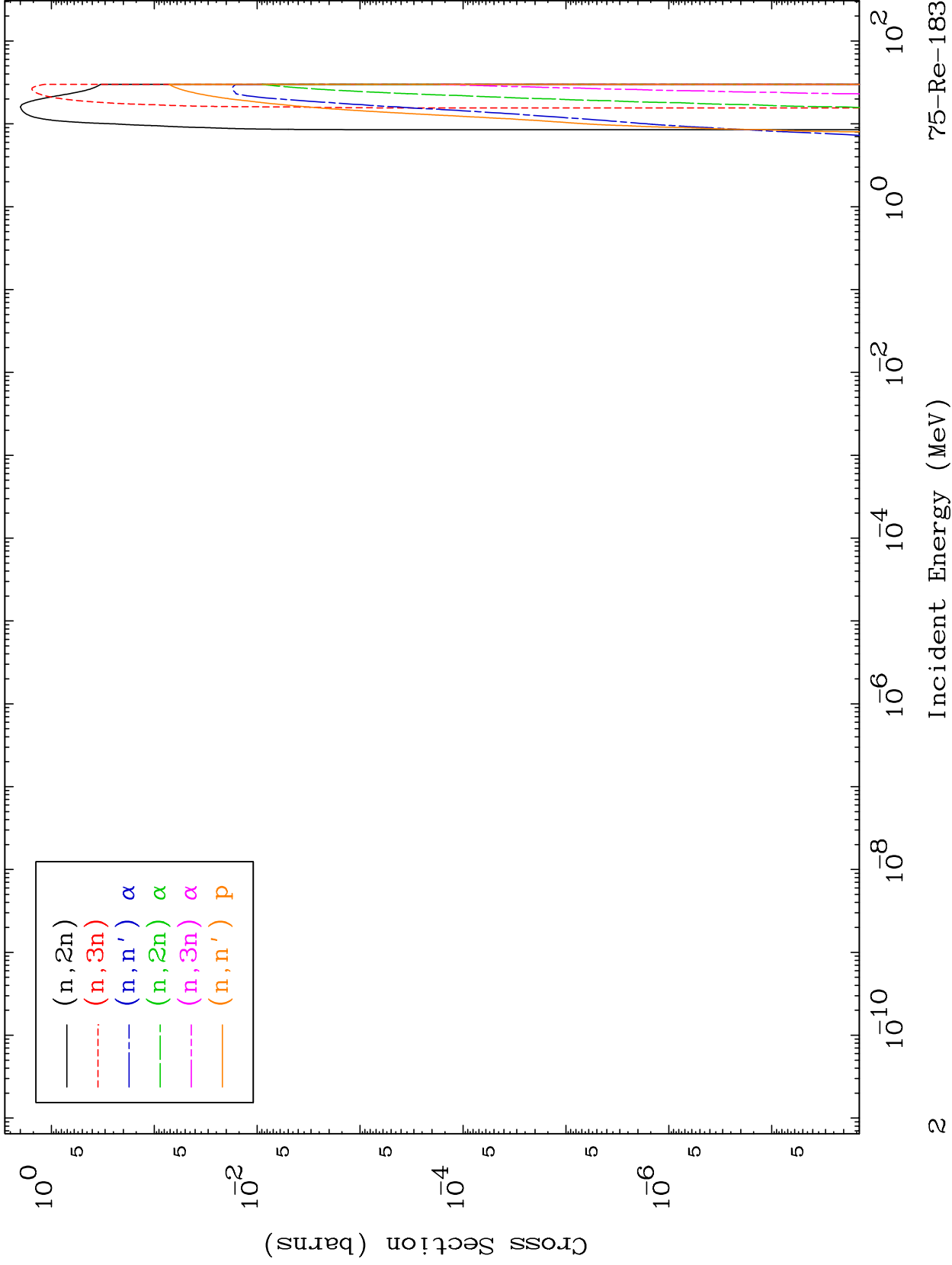
293 Kelvin Cross Sections

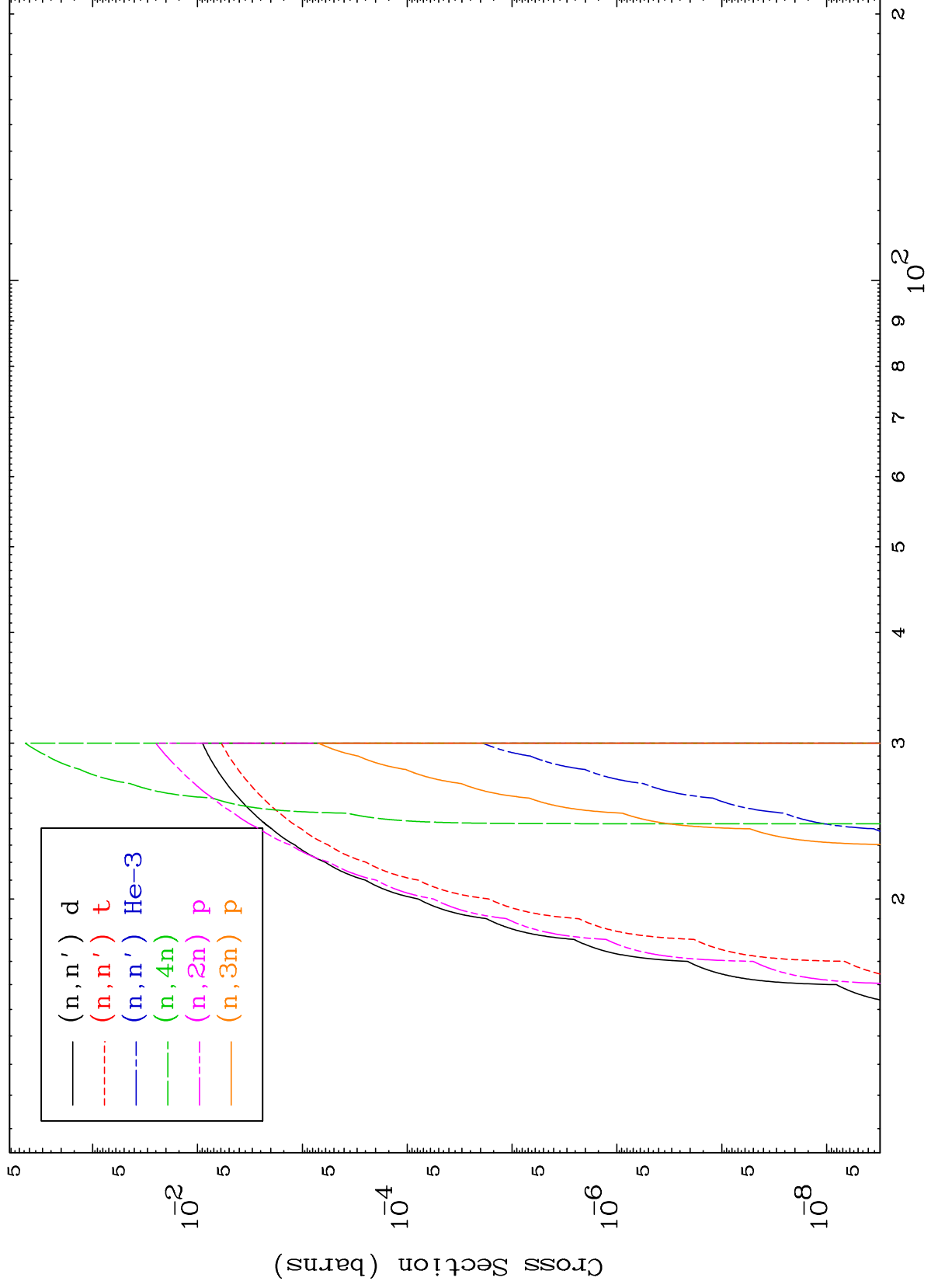


MAT 7519

Neutron Production
293 Kelvin Cross Sections

75-Re-183

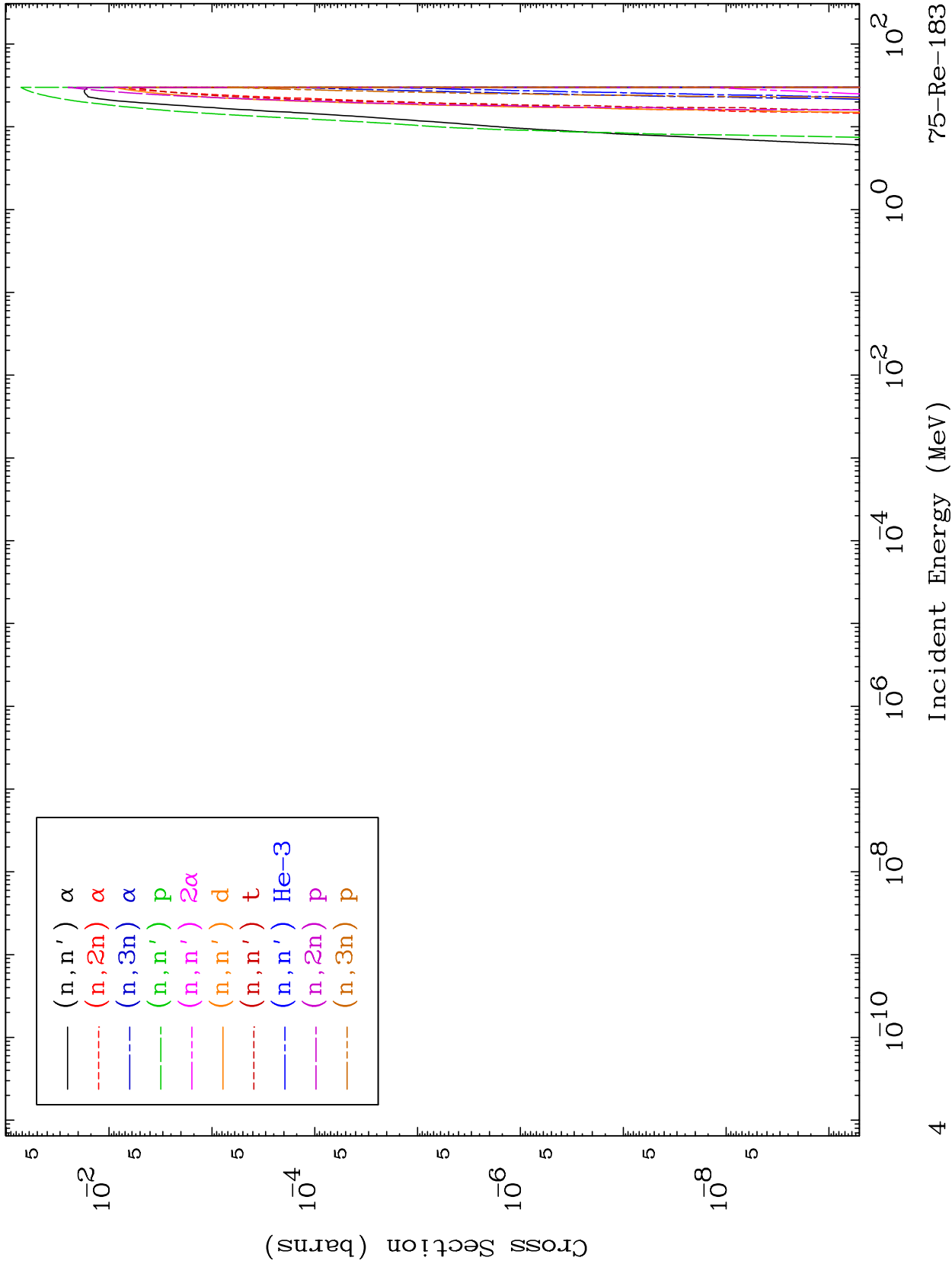




MAT 7519

Charged Particle
293 Kelvin Cross Sections

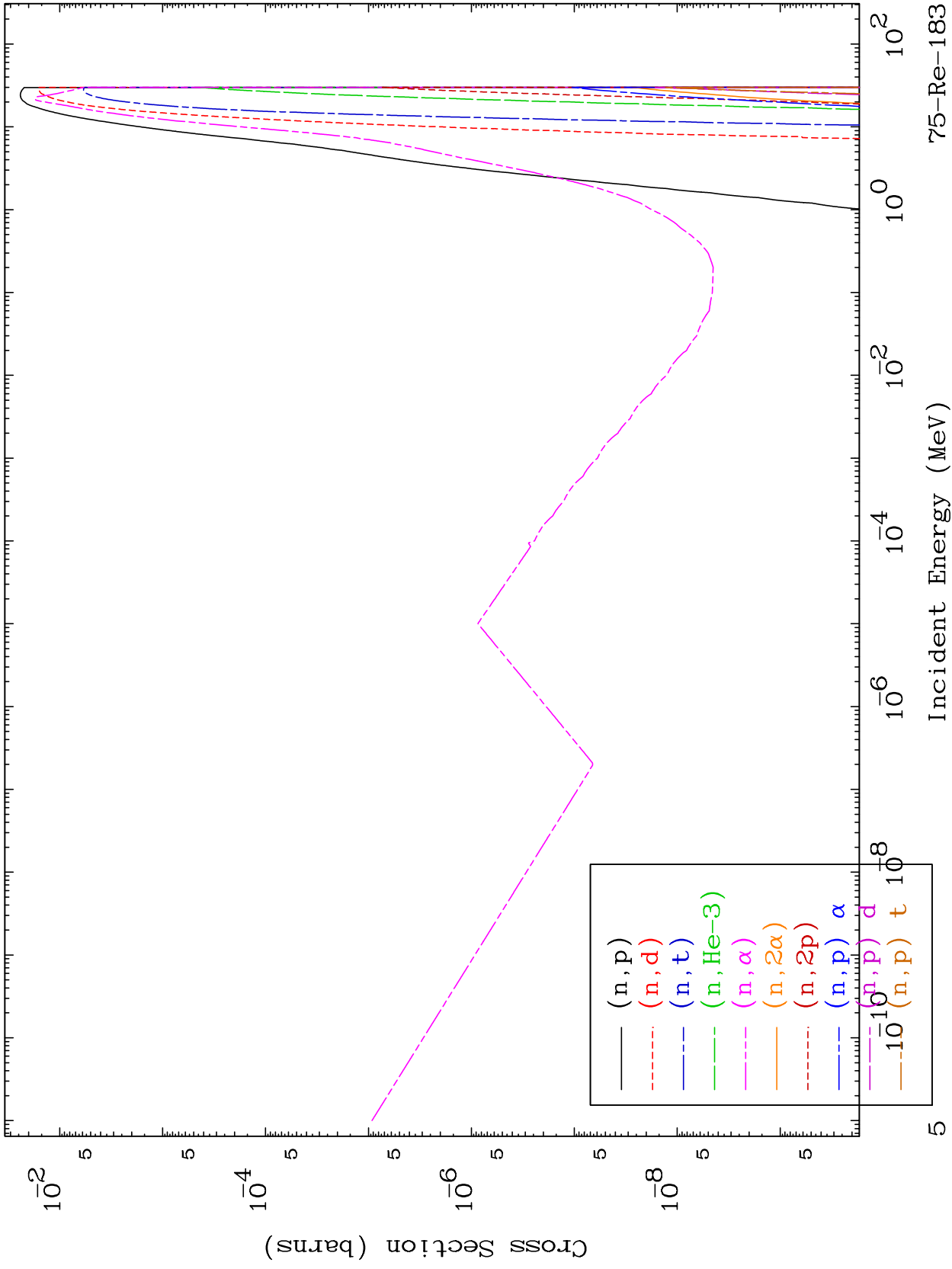
75-Re-183



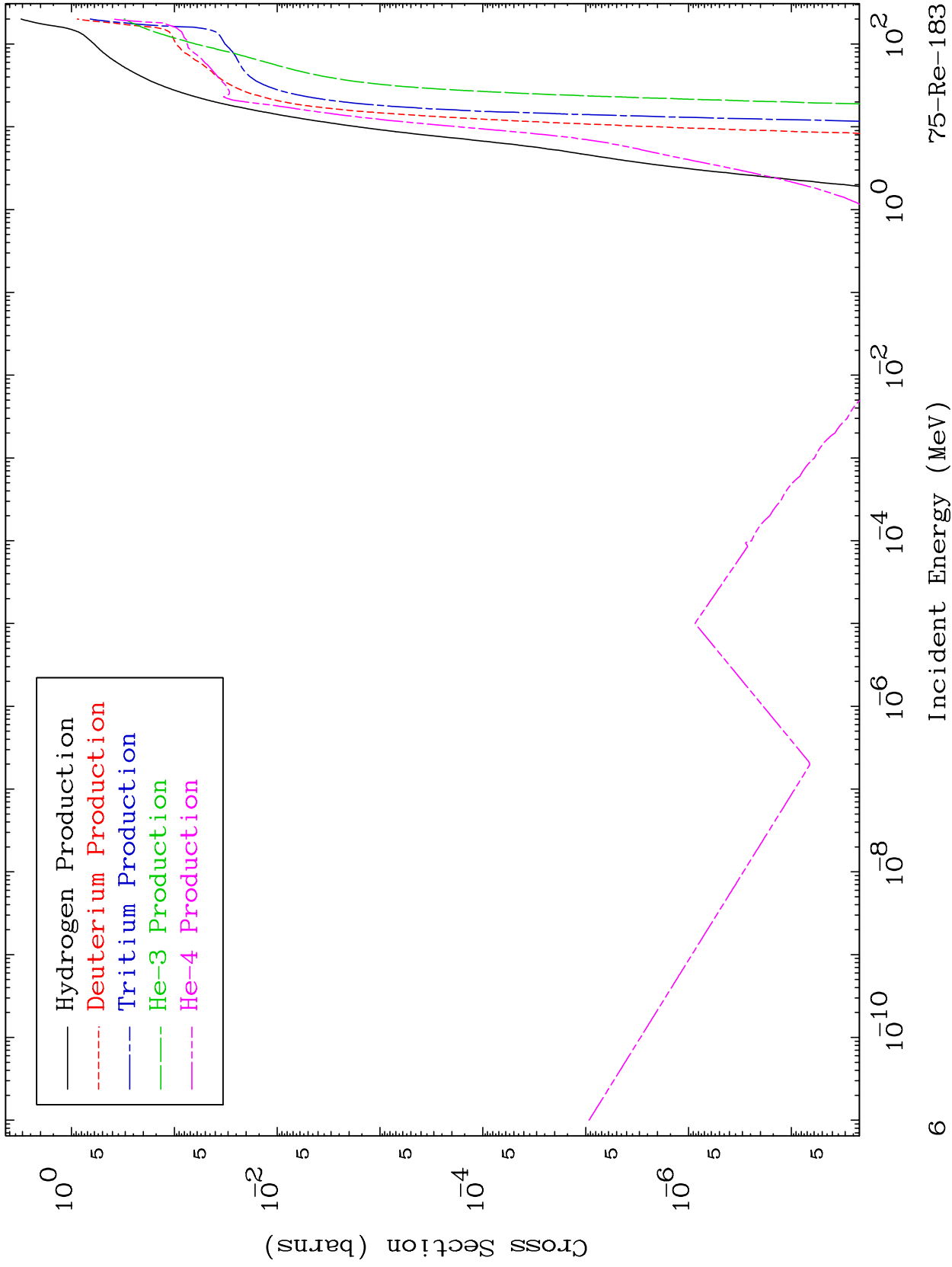
MAT 7519

Charged Particle
293 Kelvin Cross Sections

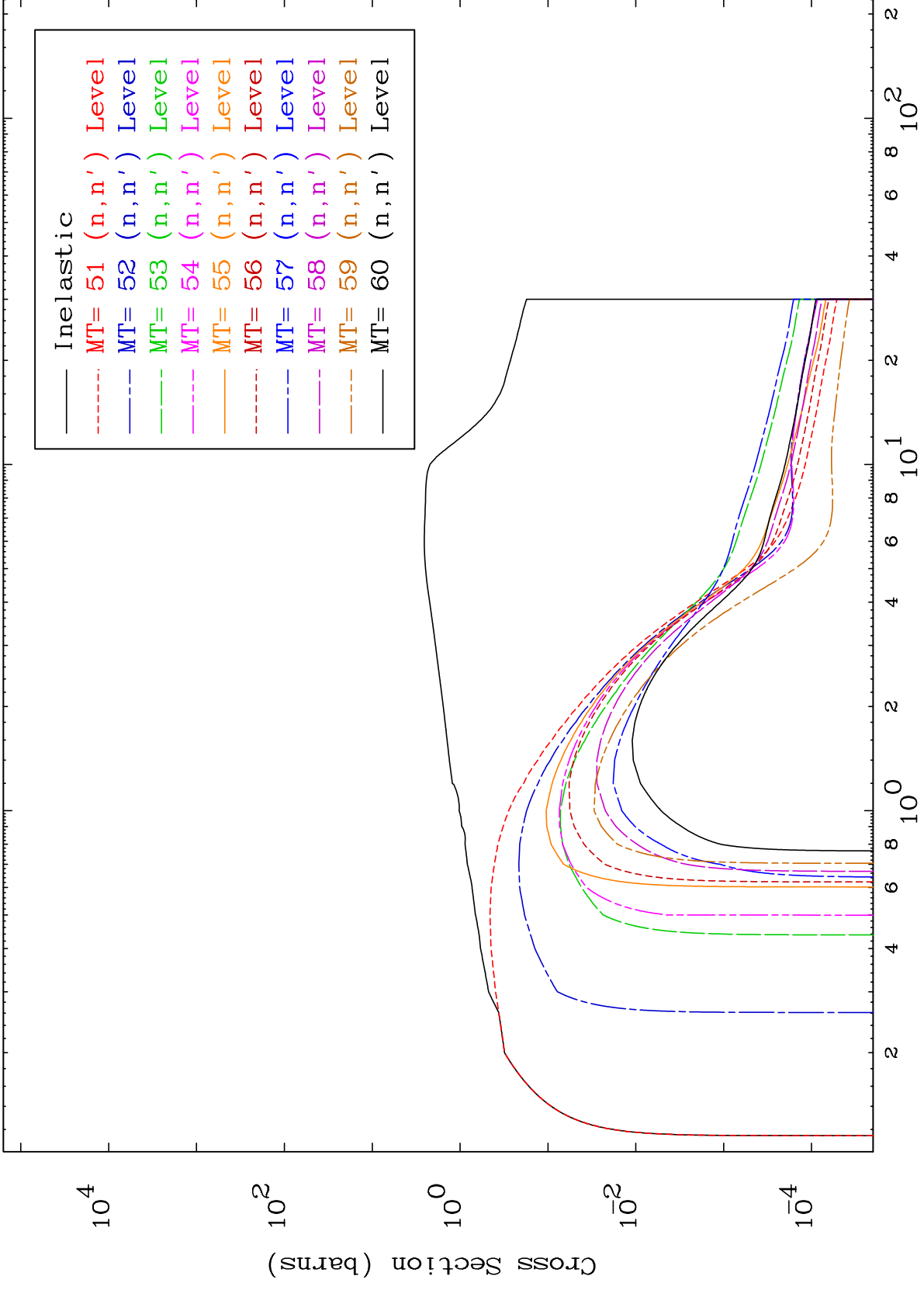
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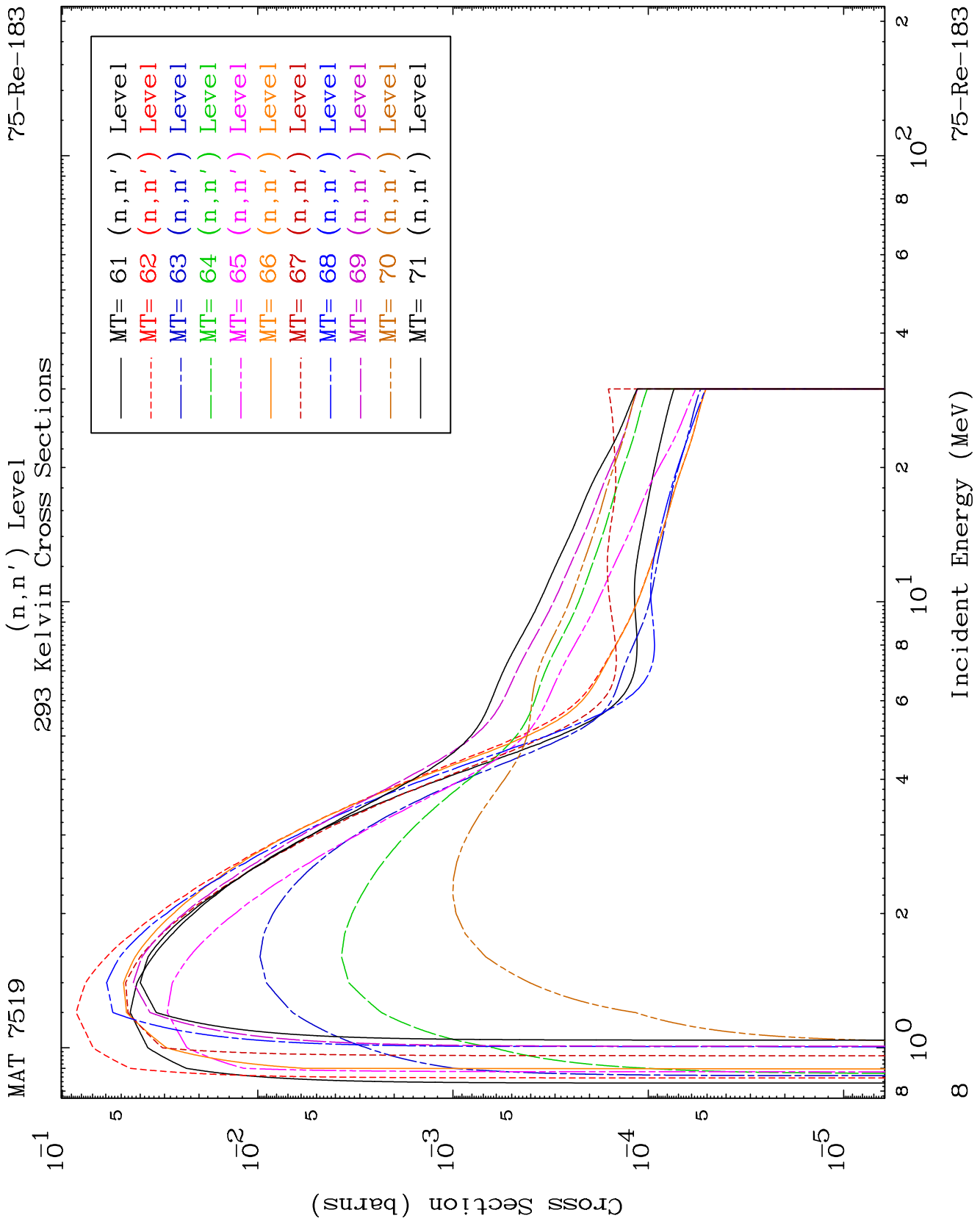


75-Re-183



293 Kelvin Cross Sections



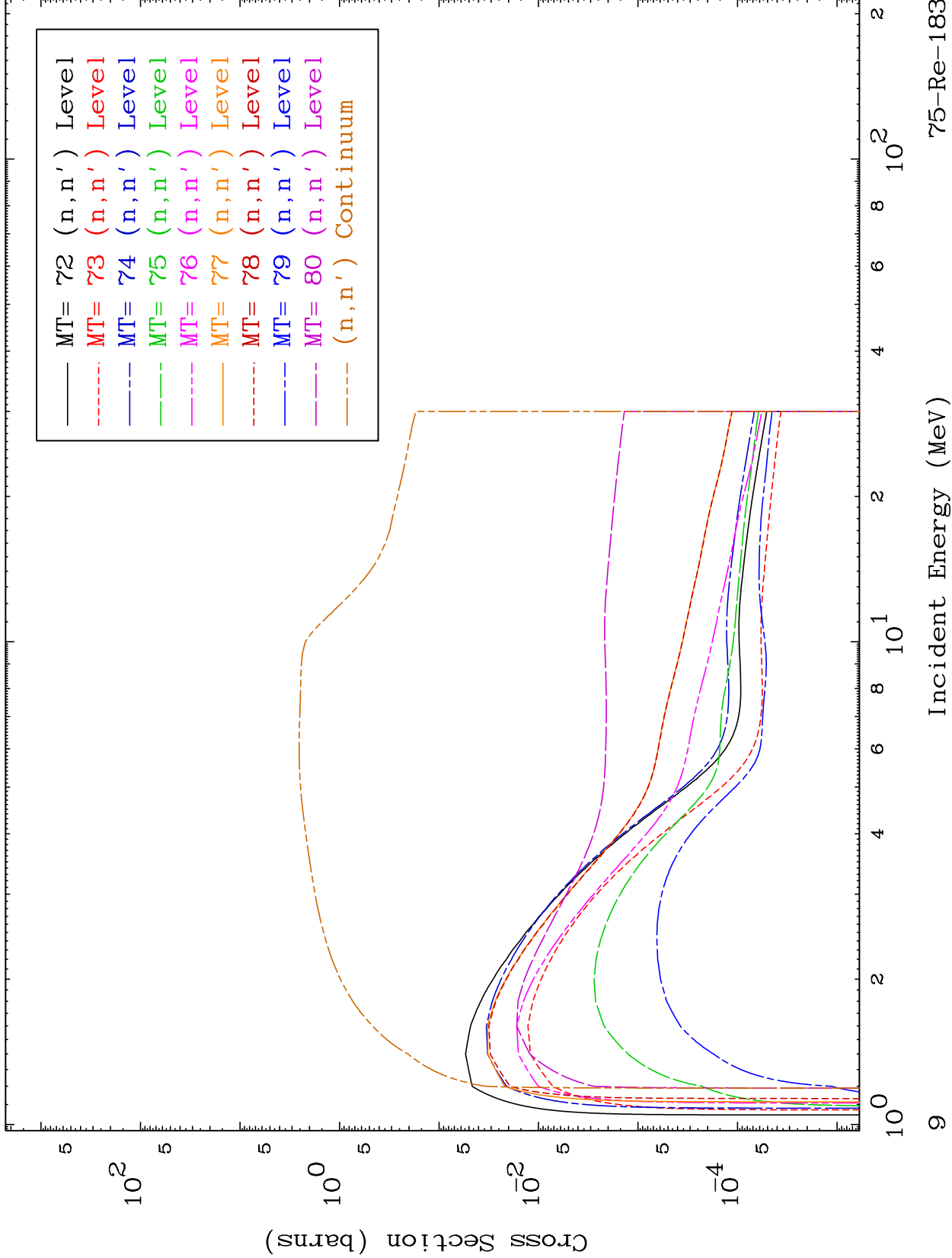


MAT 7519

(n,n') Level

75-Re-183

293 Kelvin Cross Sections



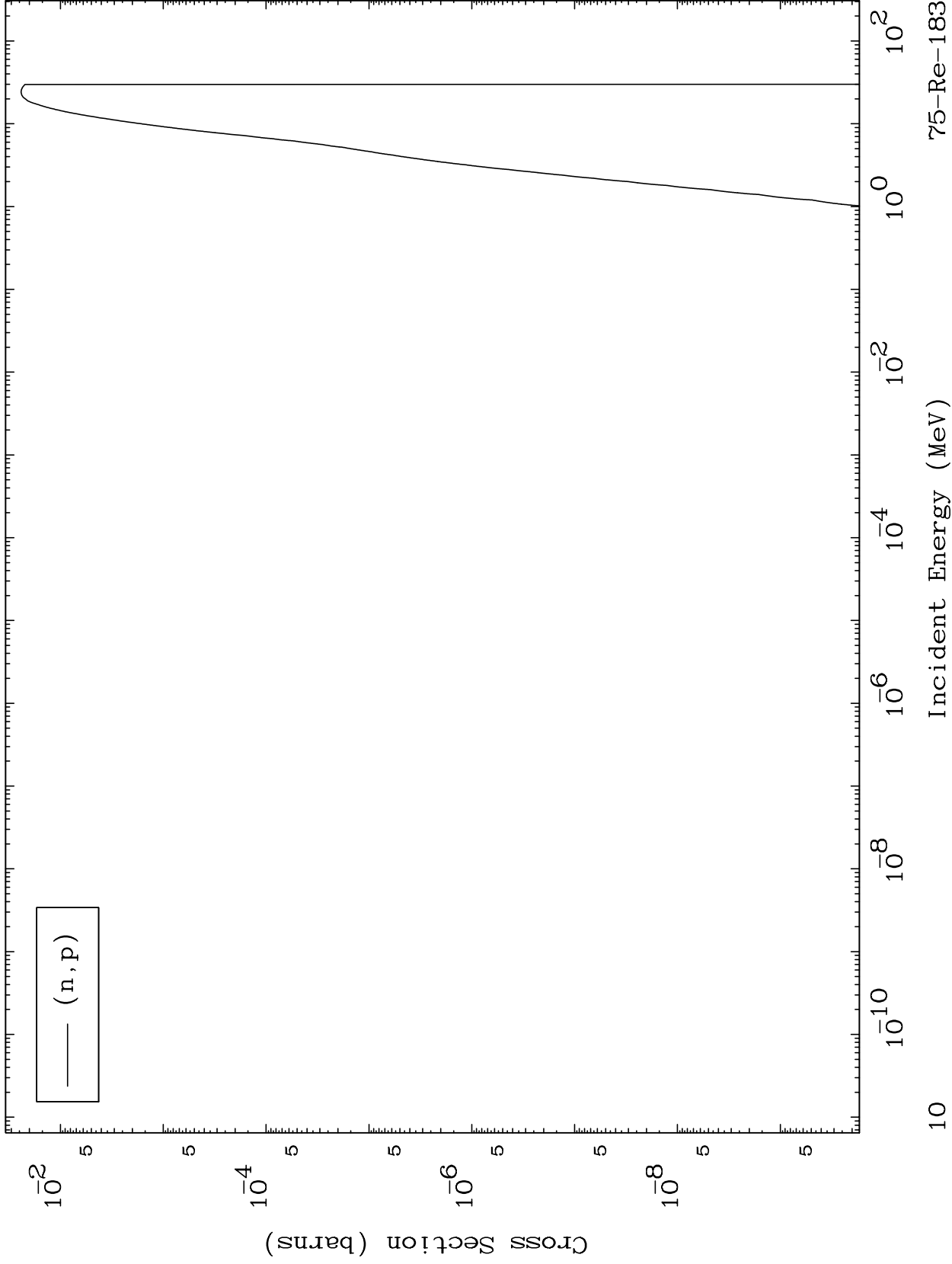
Incident Energy (MeV)

75-Re-183

MAT 7519

(n,p) Levels
293 Kelvin Cross Sections

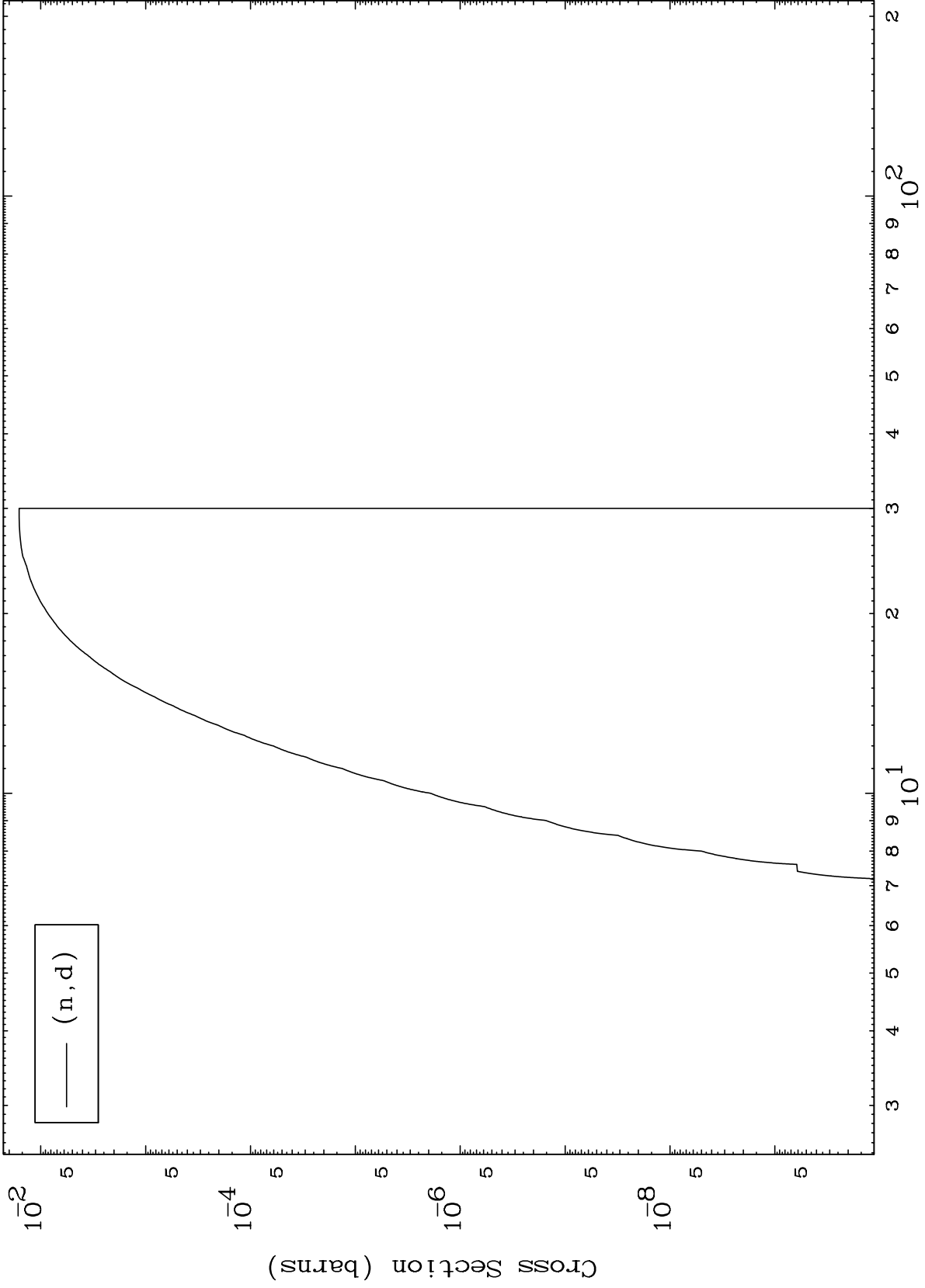
75-Re-183



MAT 7519

(n,d) Levels
293 Kelvin Cross Sections

75-Re-183



11

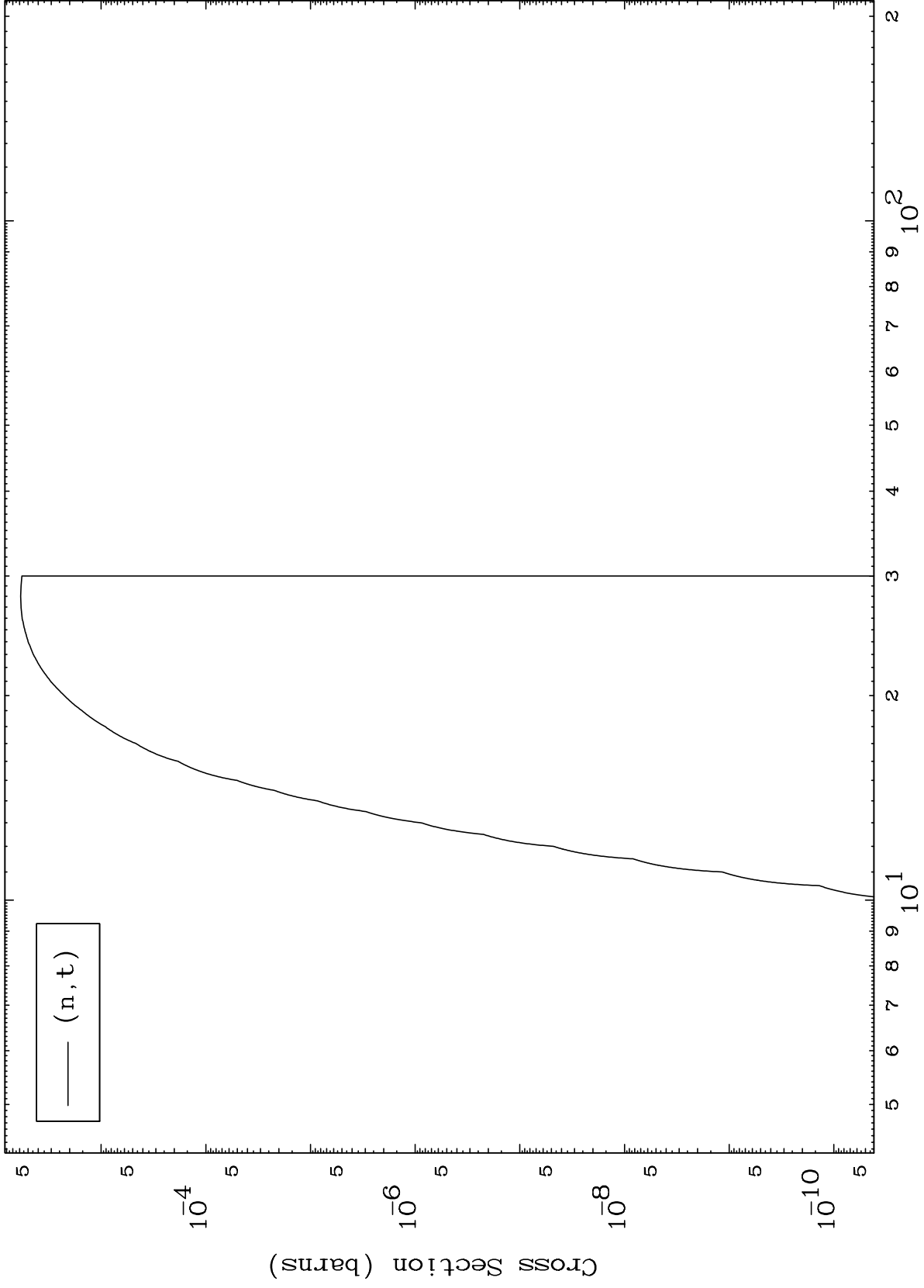
Incident Energy (MeV)

75-Re-183

MAT 7519

(n,t) Levels
293 Kelvin Cross Sections

75-Re-183



12

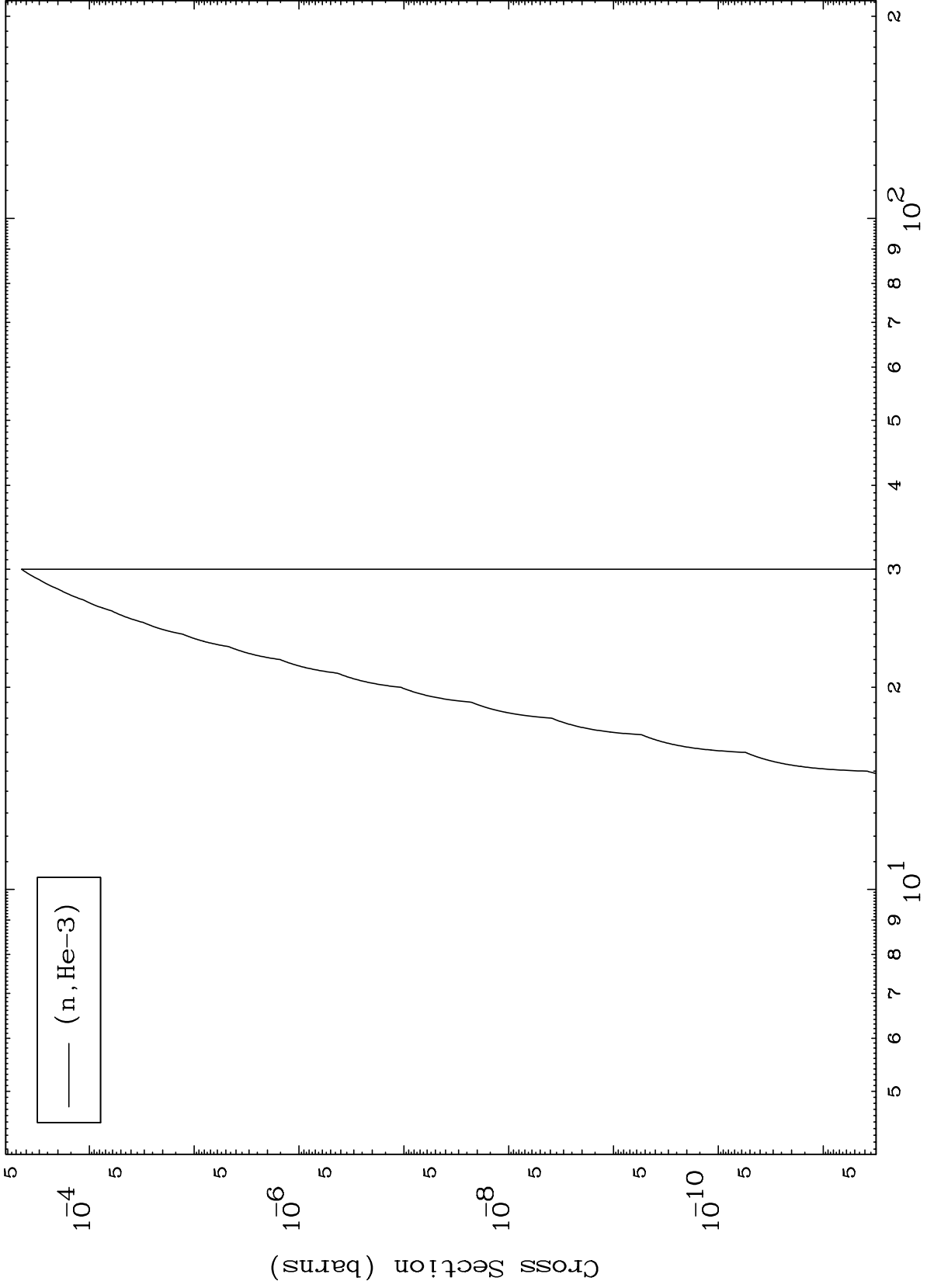
Incident Energy (MeV)

75-Re-183

MAT 7519

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-183



13

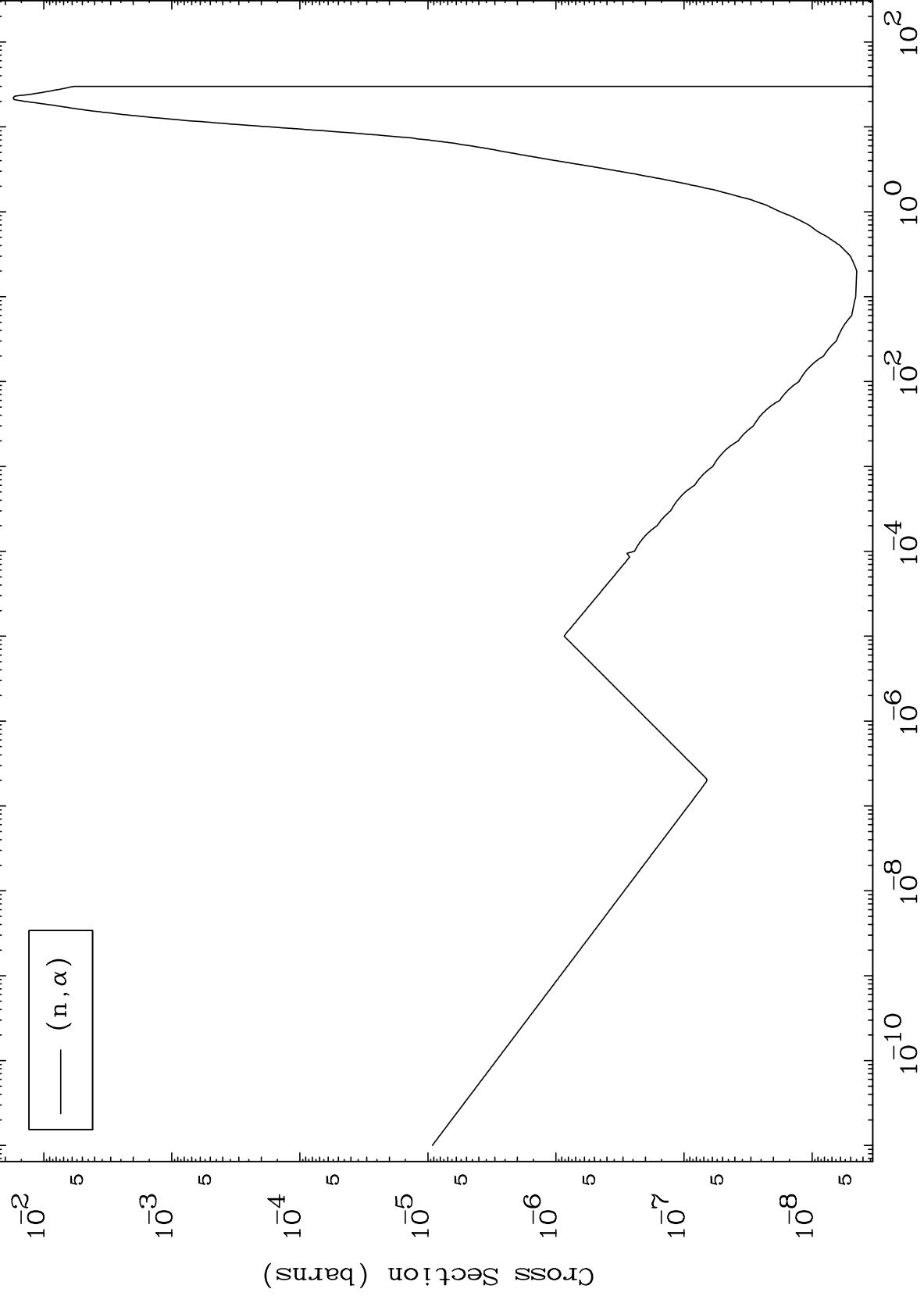
Incident Energy (MeV)

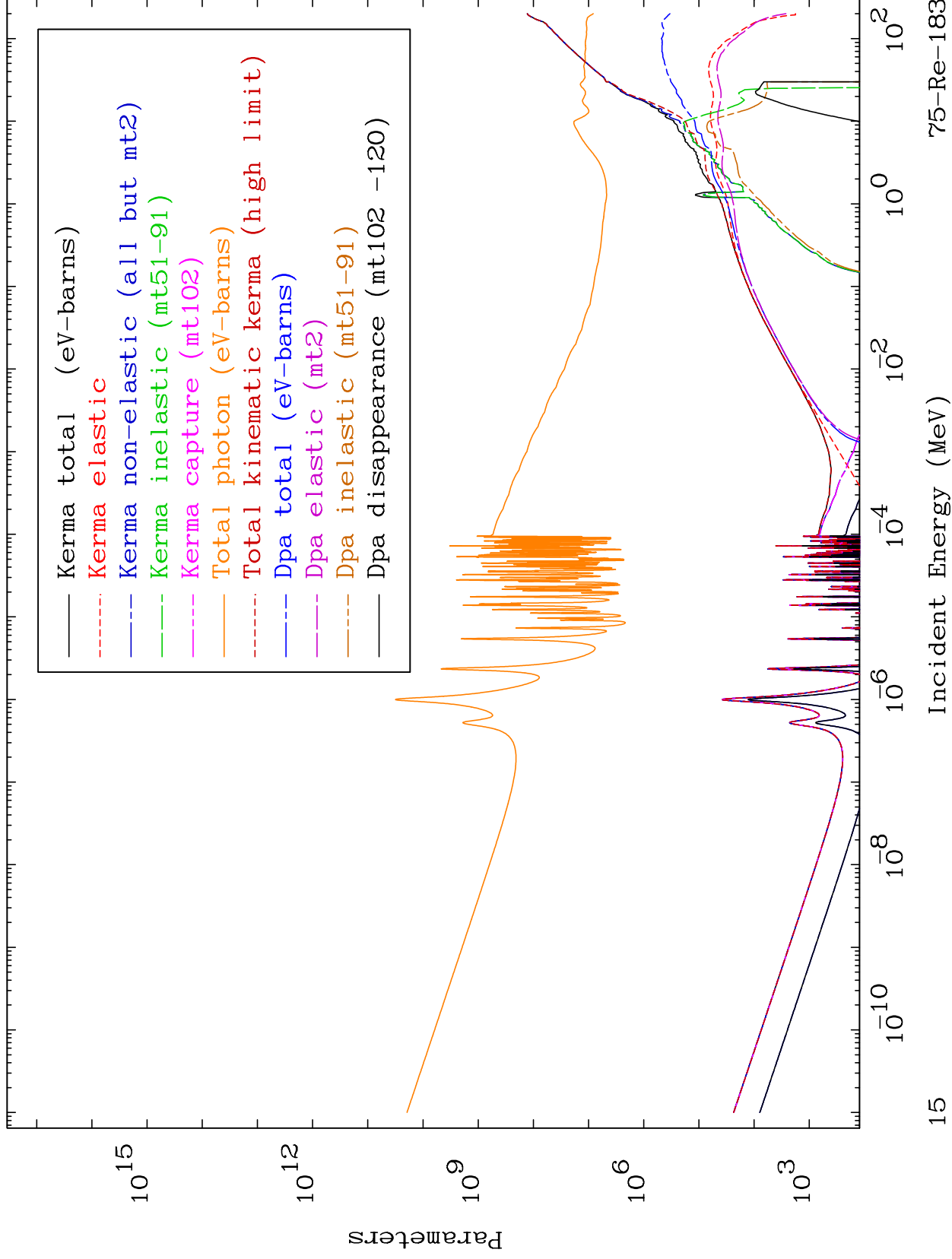
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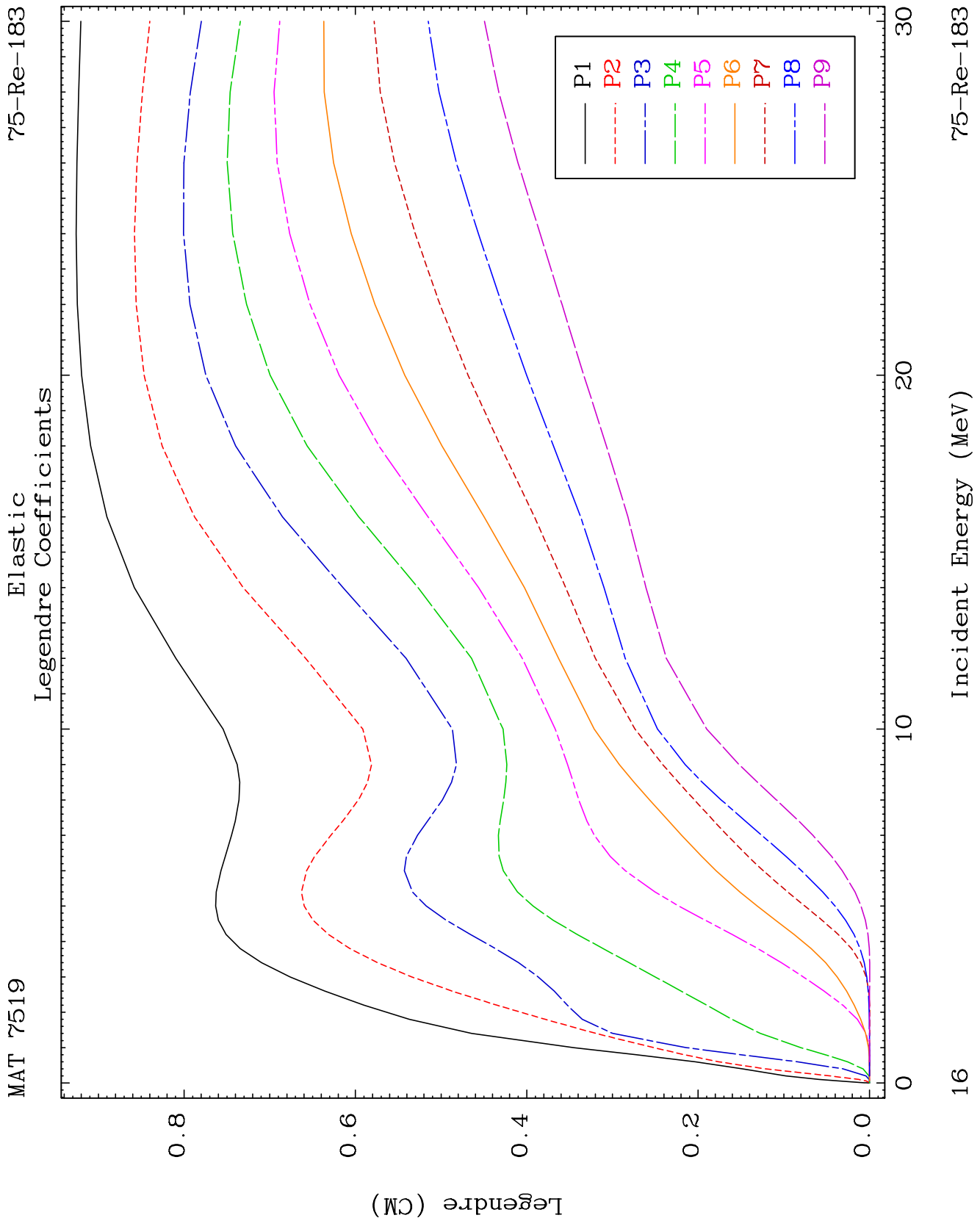
MAT 7519

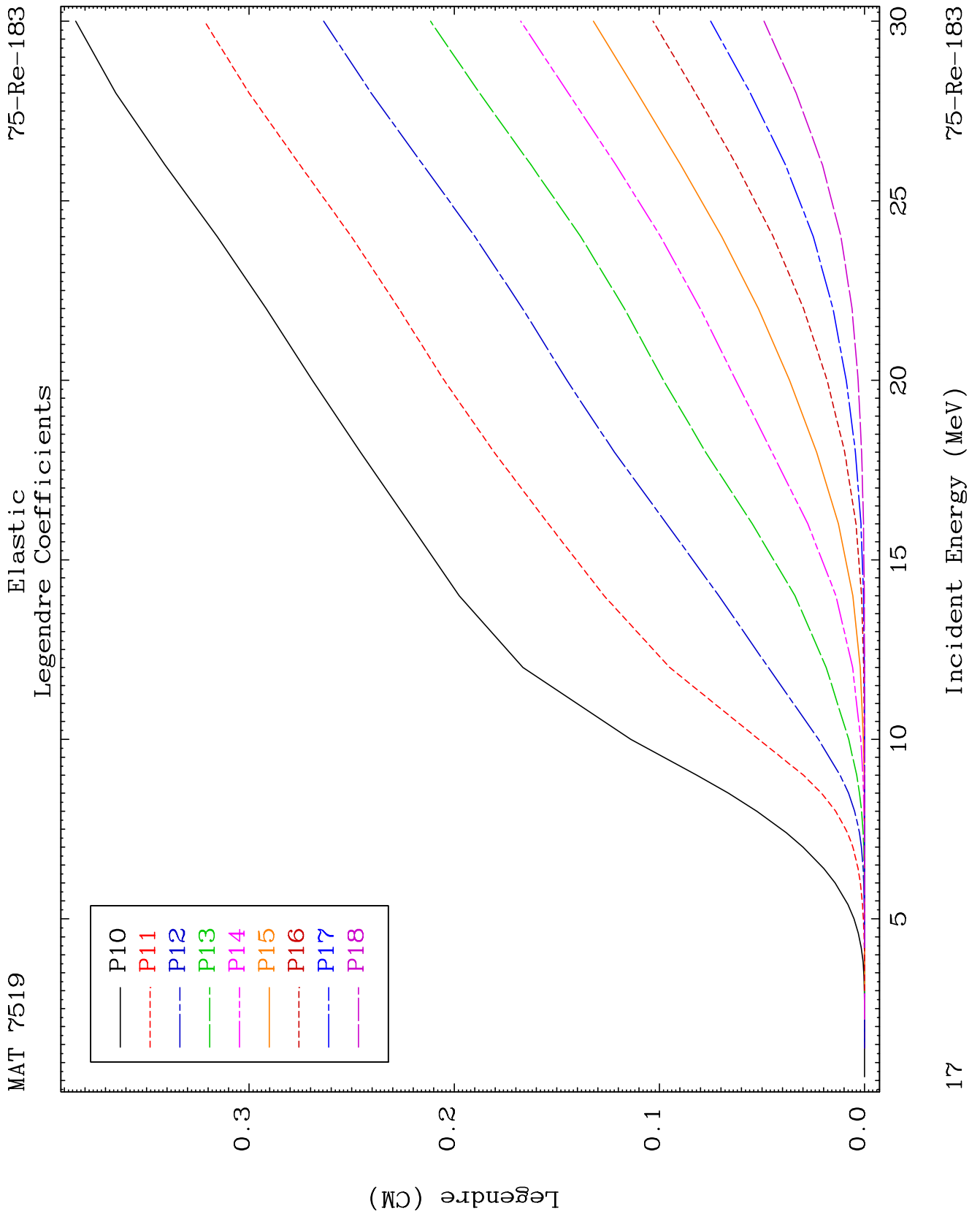
(n, α) Levels
293 Kelvin Cross Sections

75-Re-183





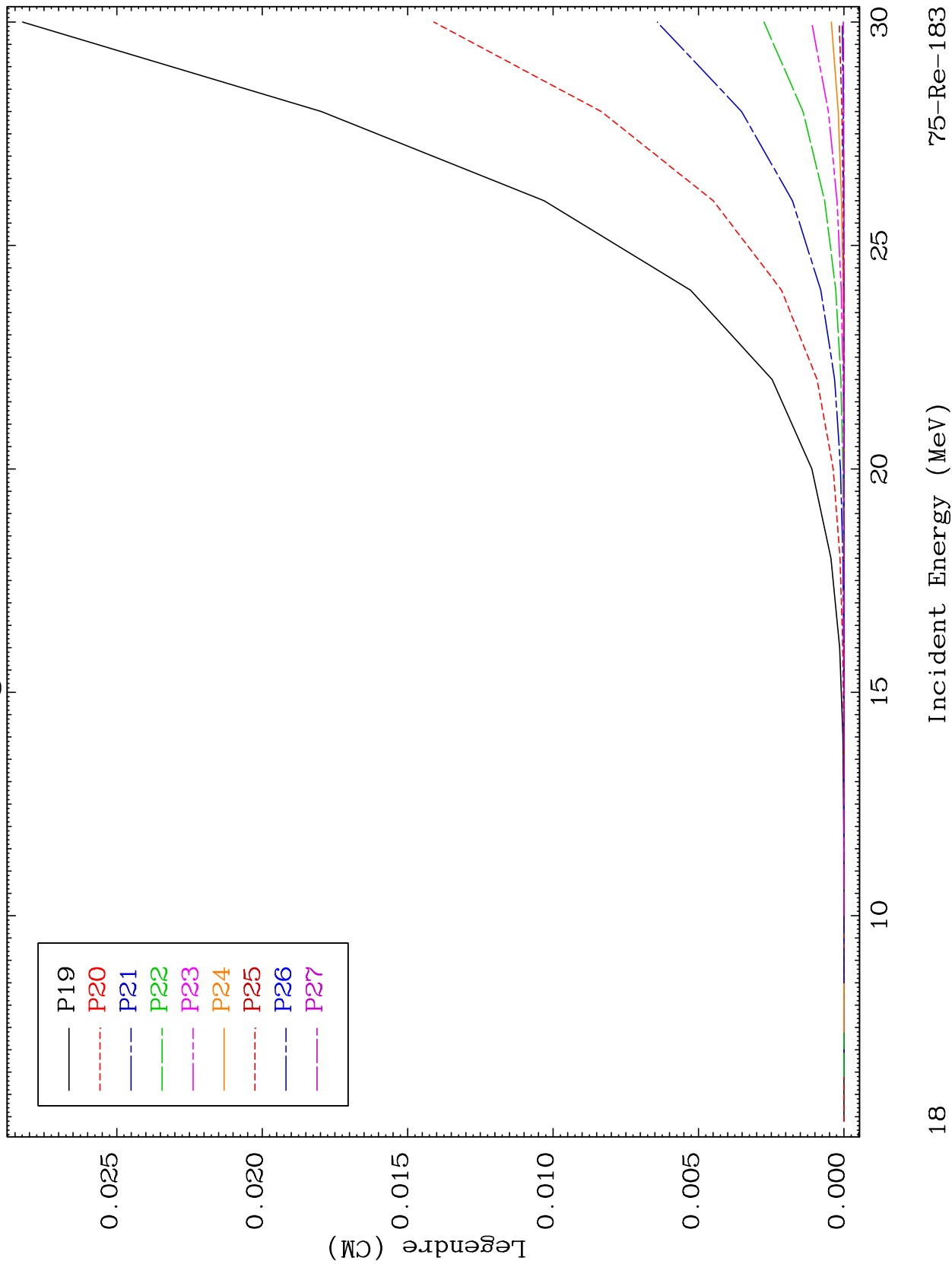




MAT 7519

Elastic Legendre Coefficients

75-Re-183



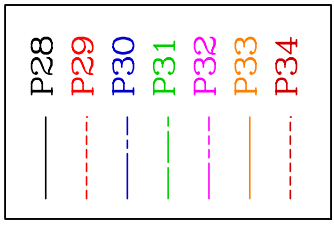
18

75-Re-183

MAT 7519

Elastic Legendre Coefficients

75-Re-183



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

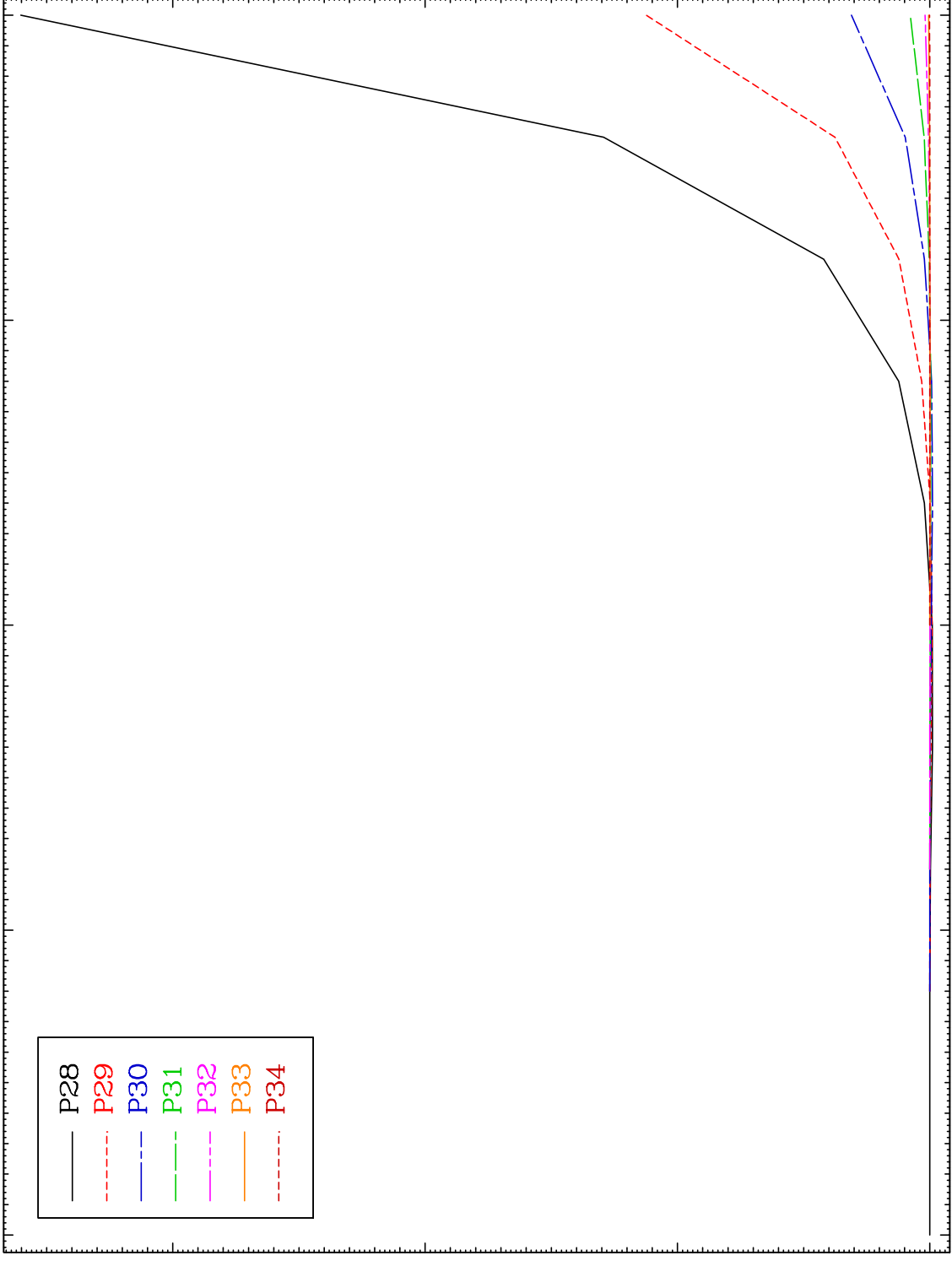
25

30

19

Incident Energy (MeV)

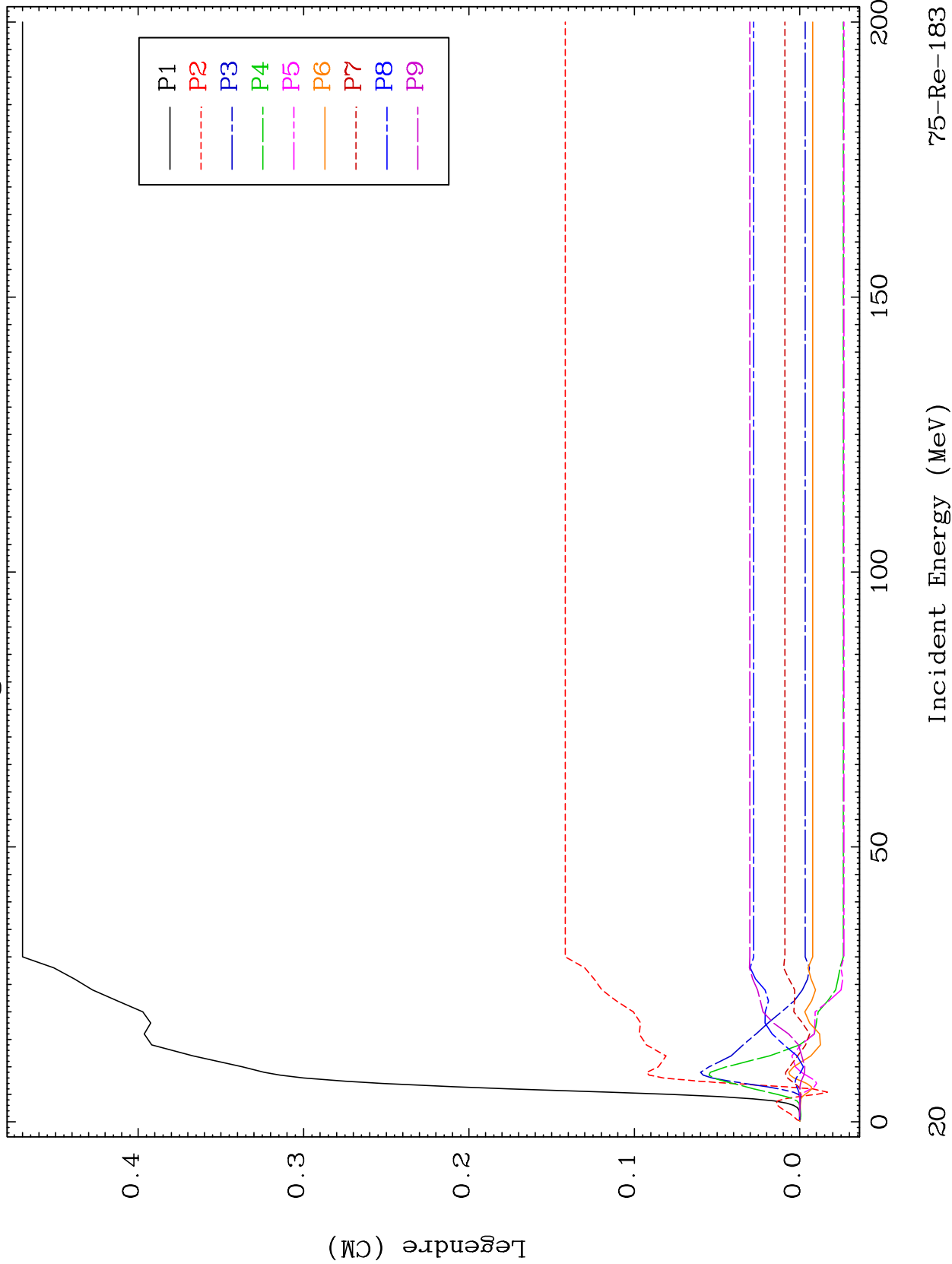
75-Re-183

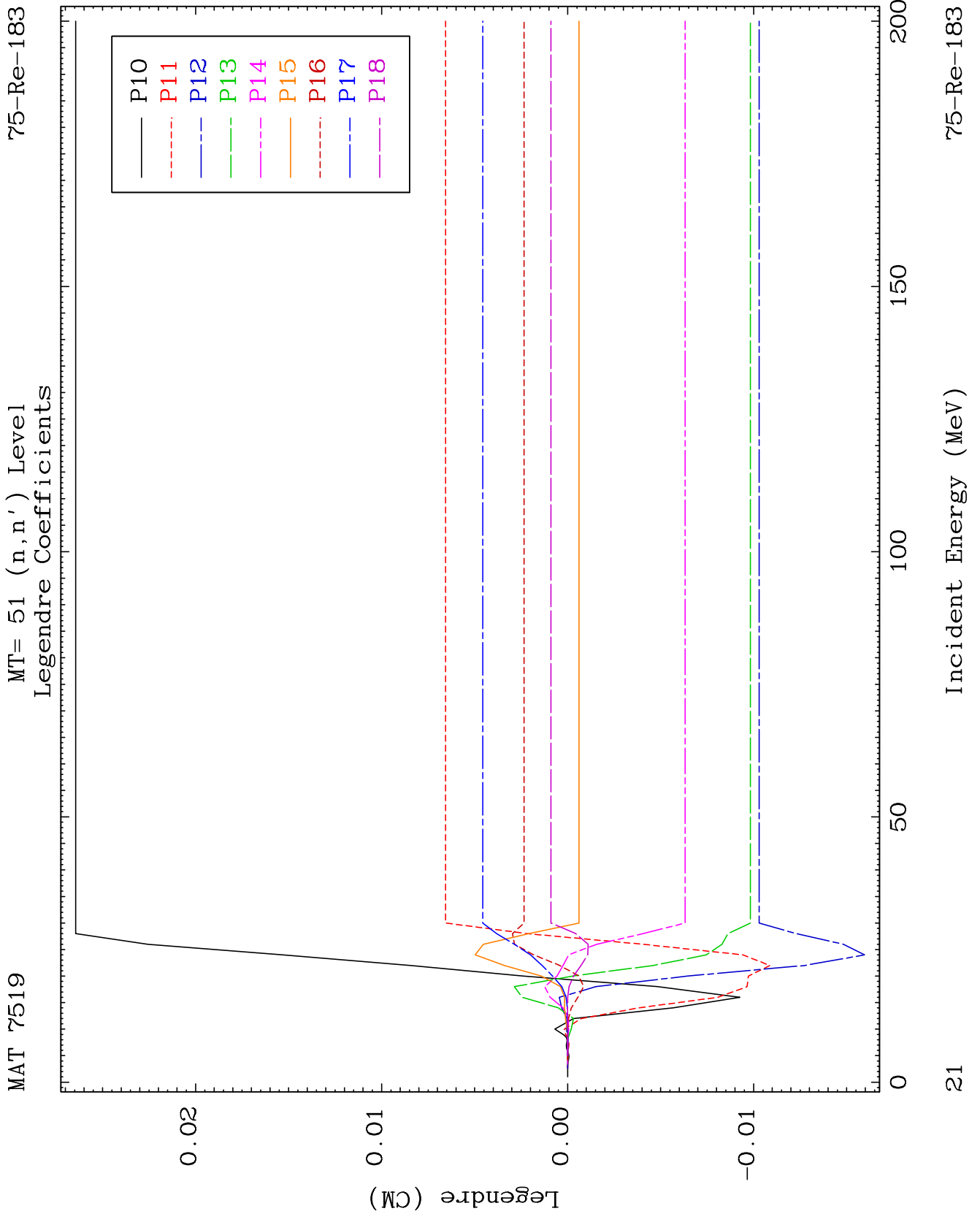


MAT 7519

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

75-Re-183

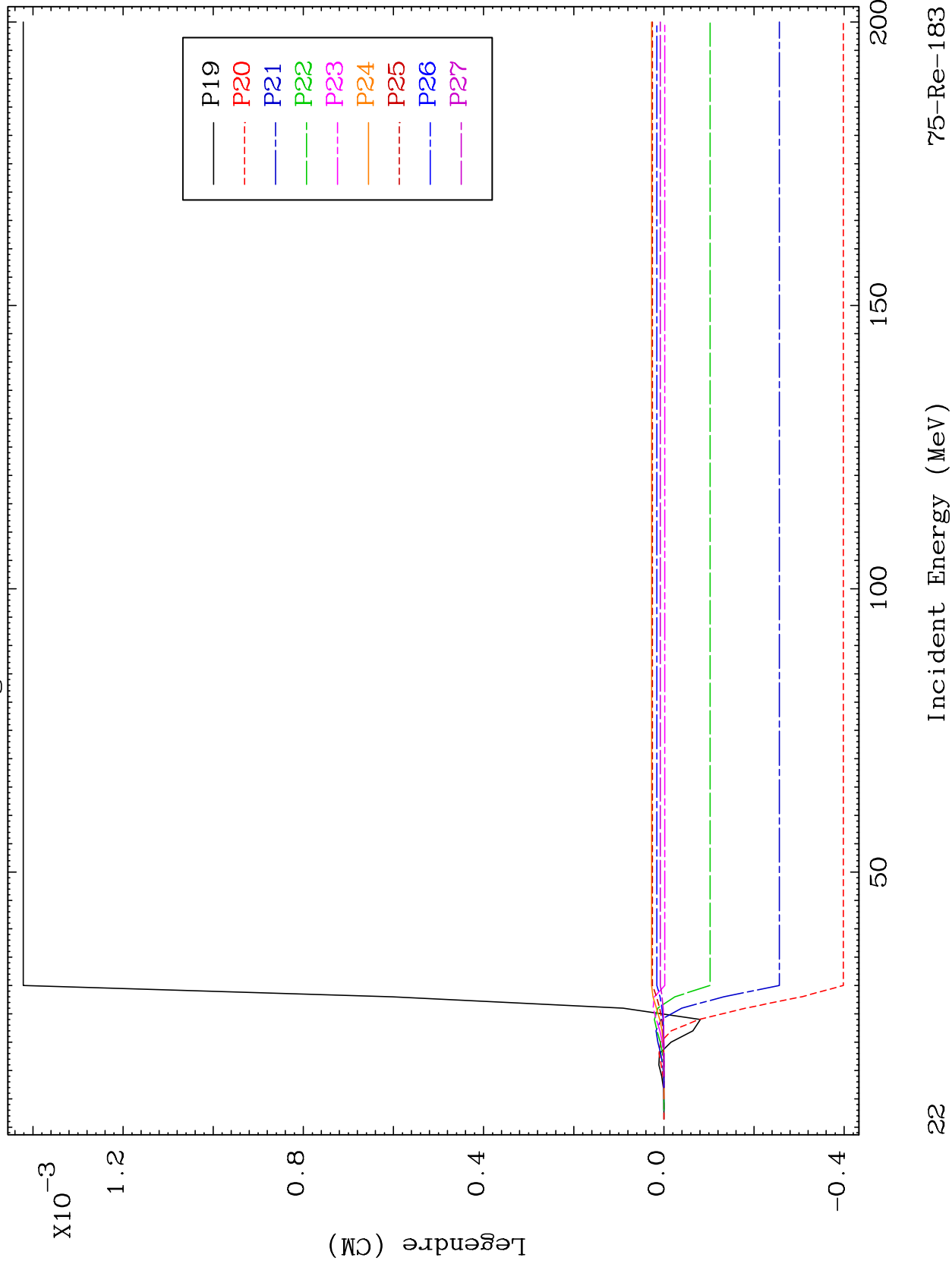




MAT 7519

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

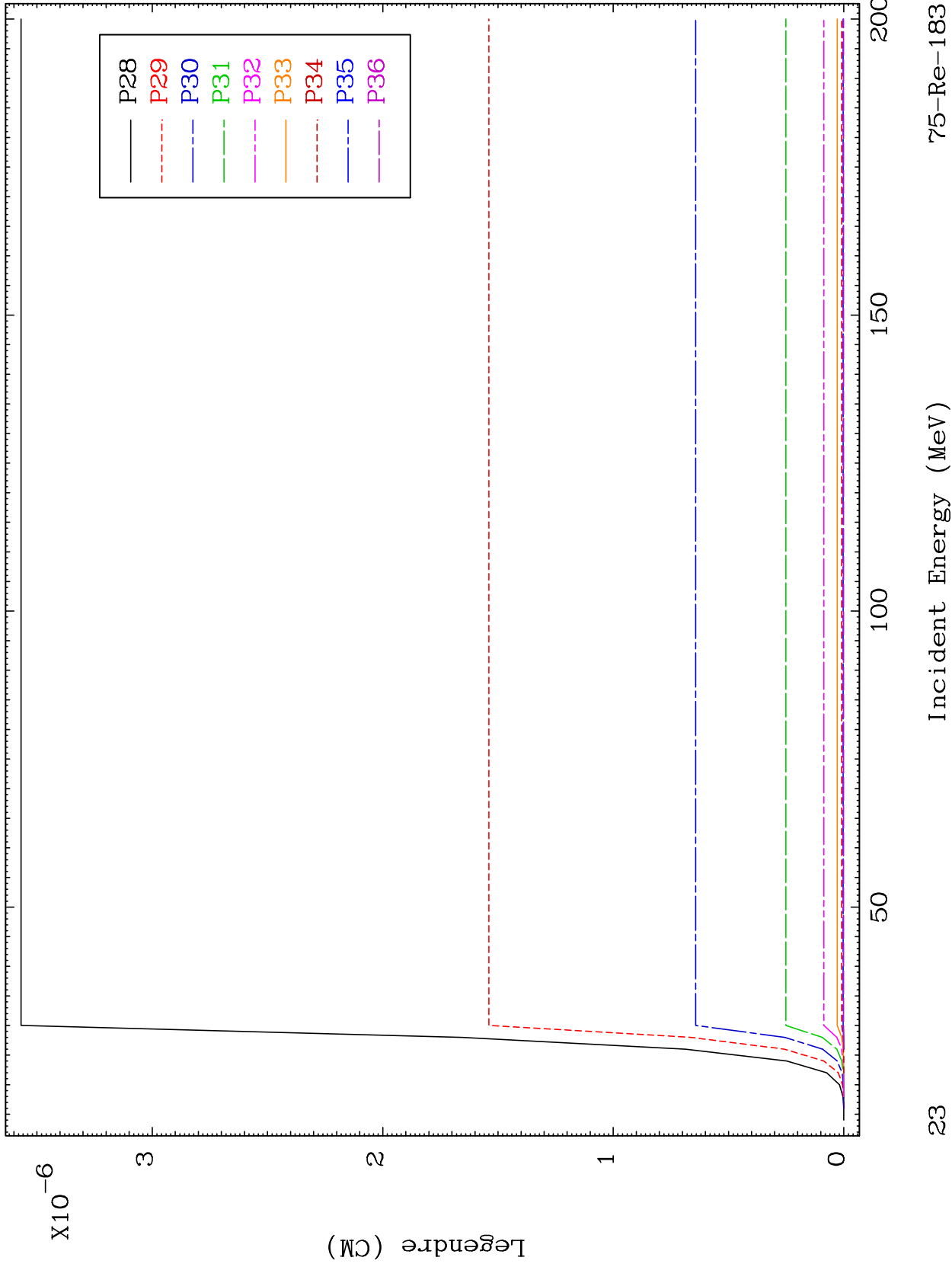
75-Re-183



MAT 7519

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

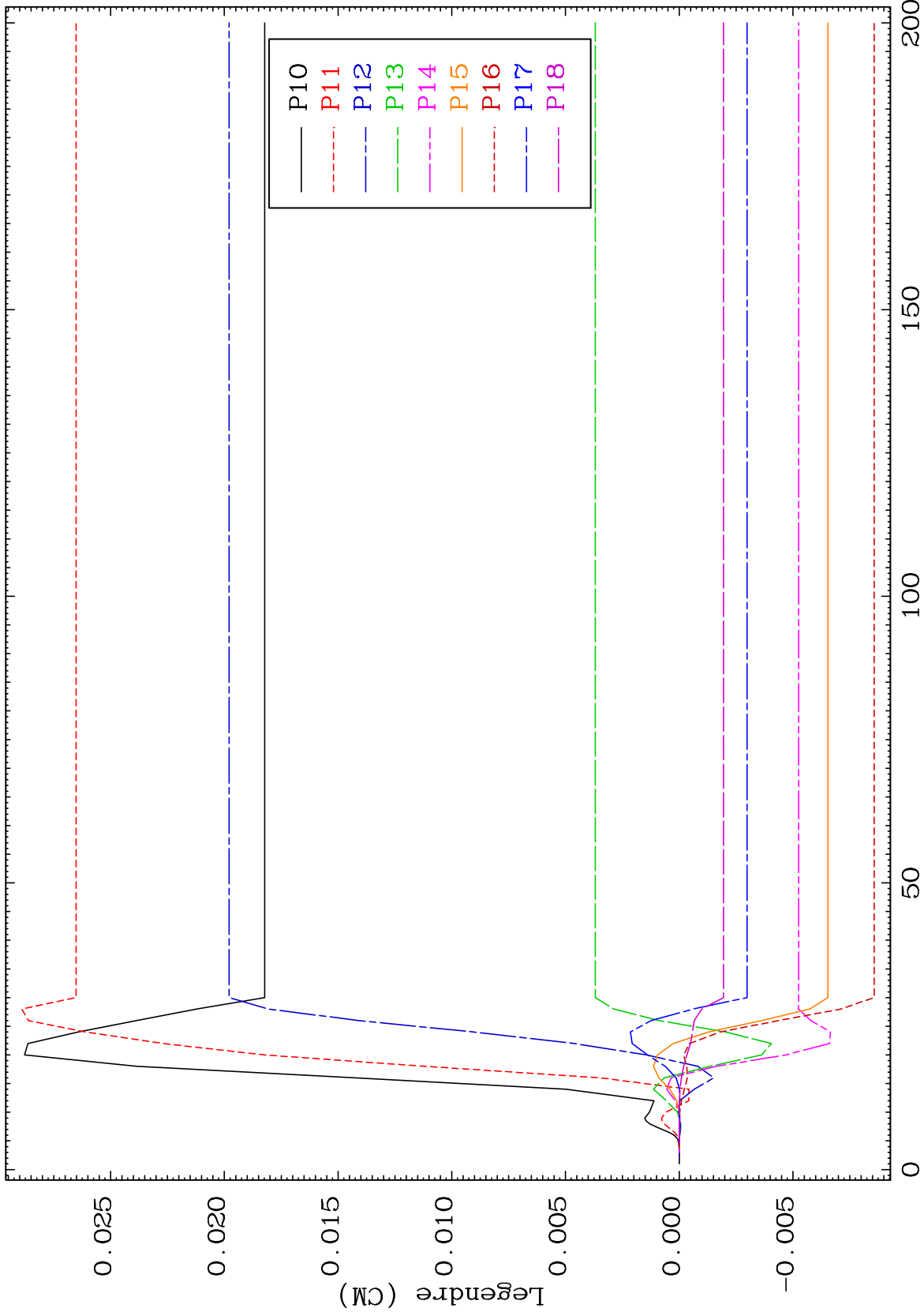
75-Re-183



MAT 7519

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

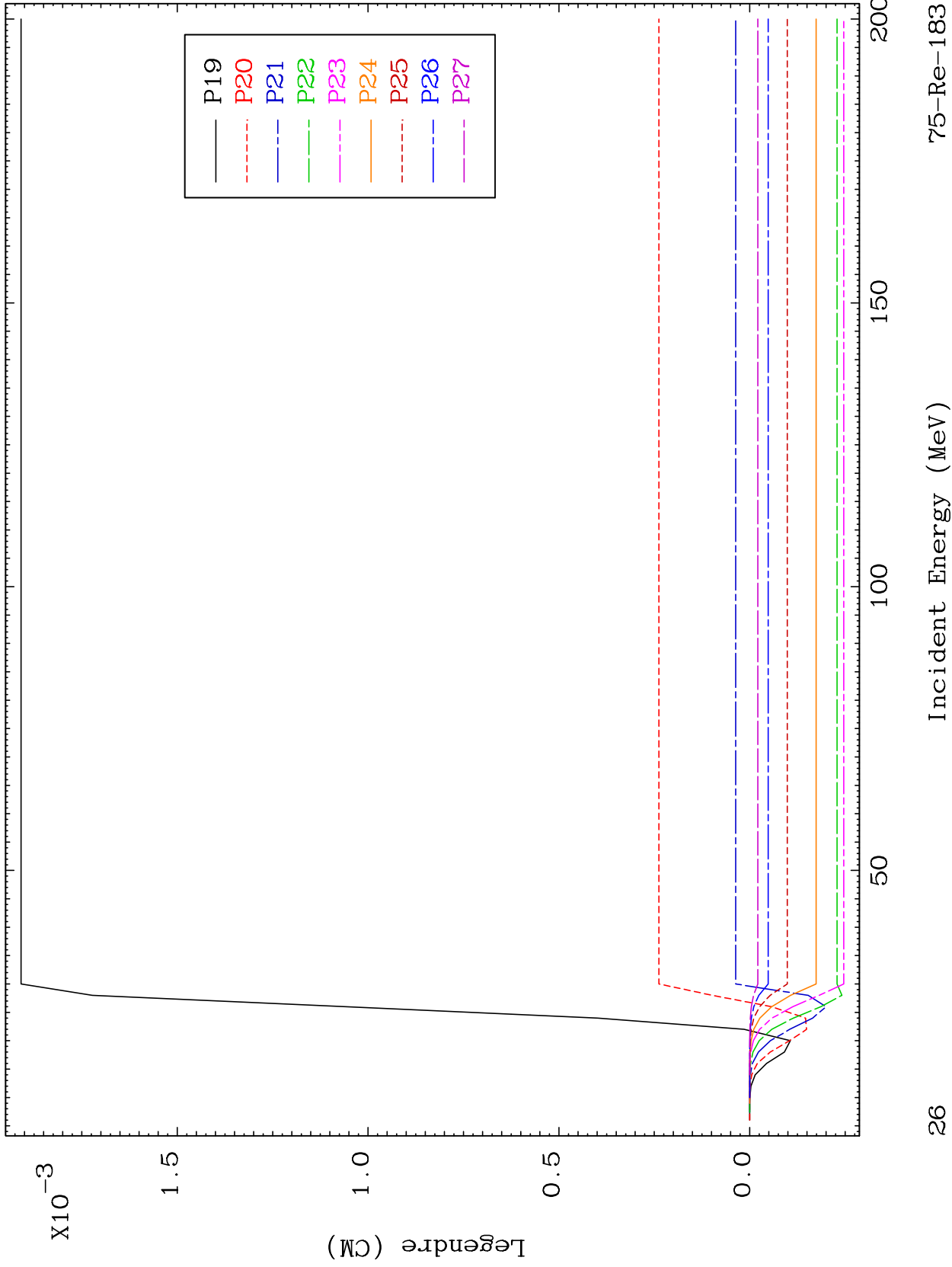
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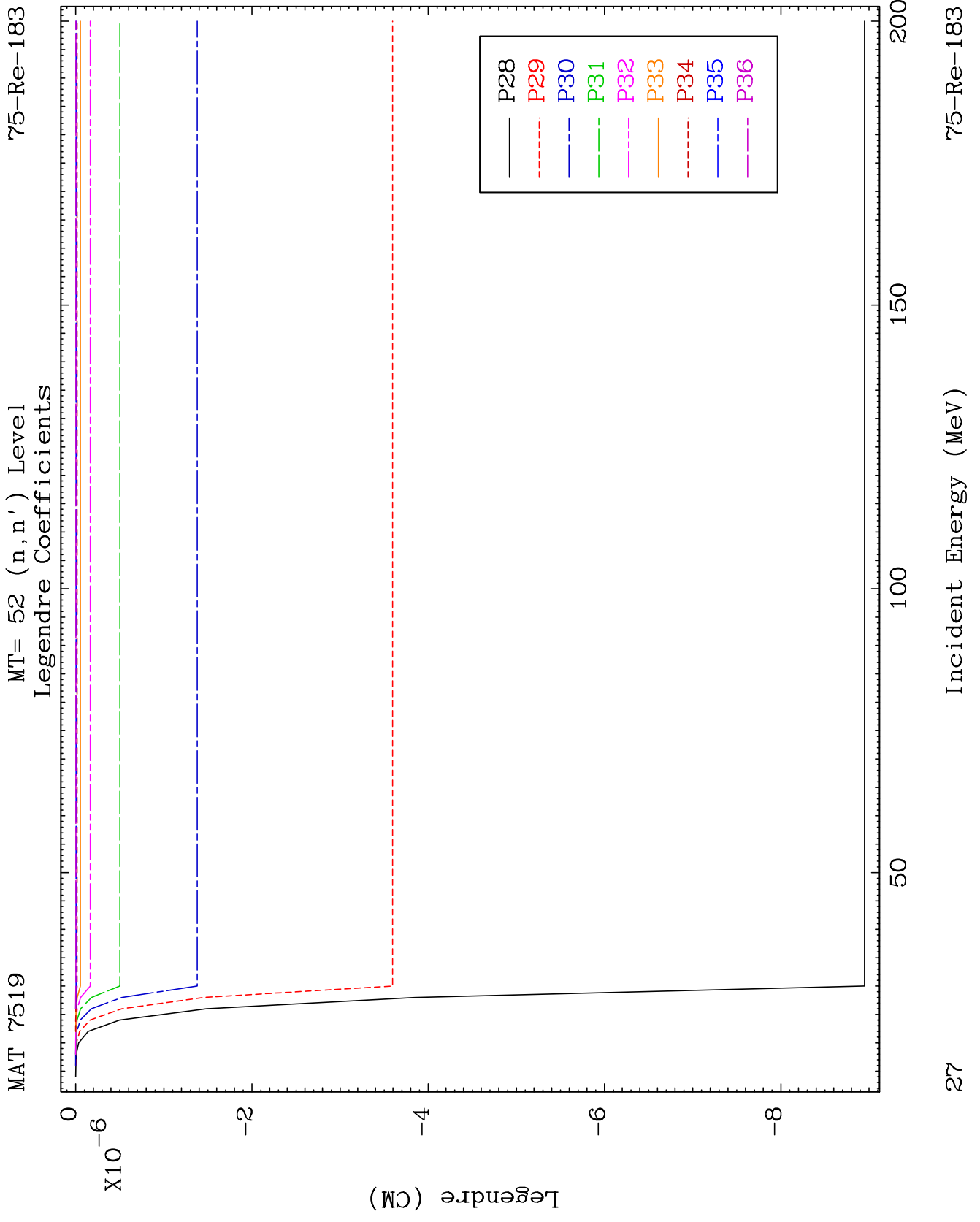


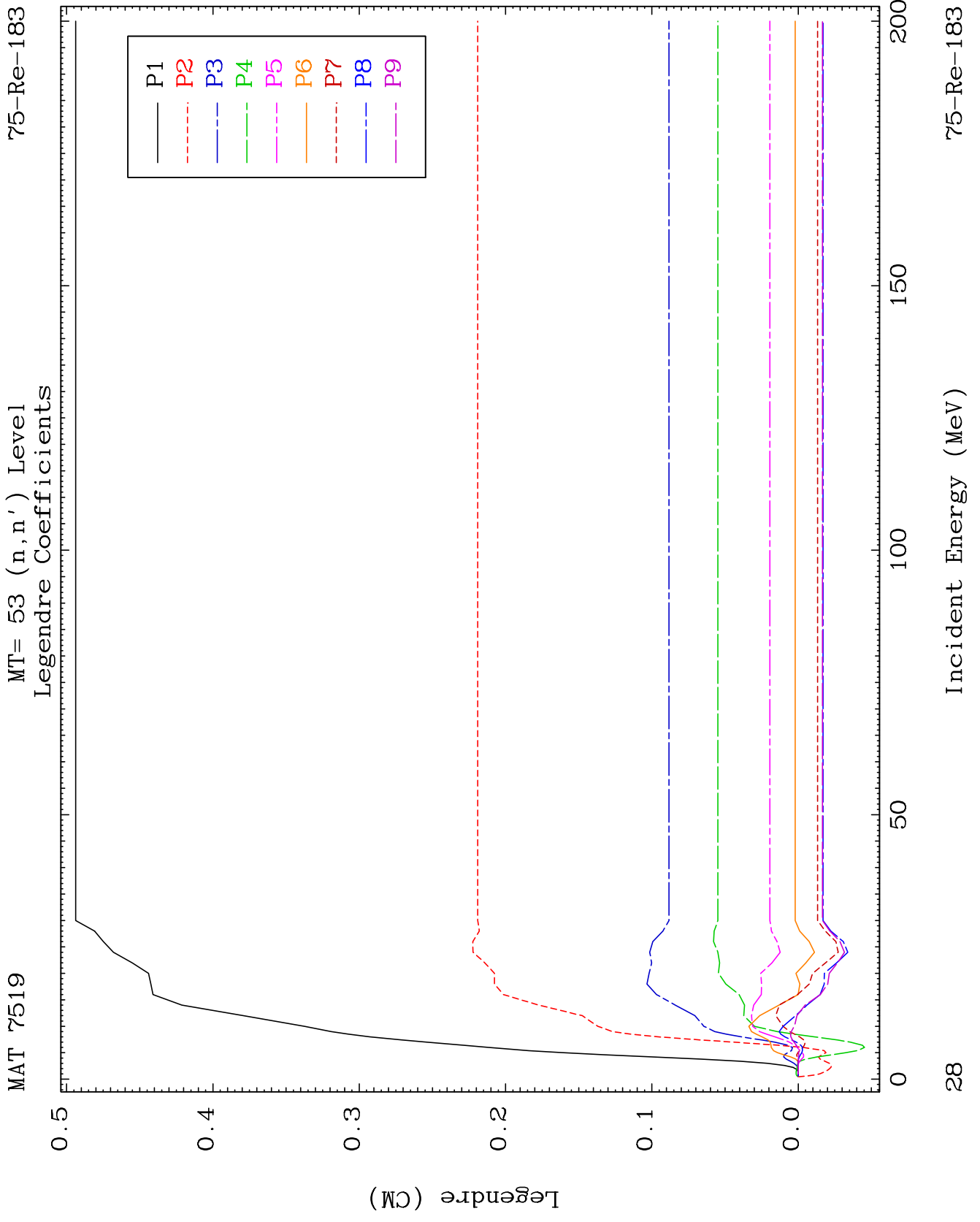
25

Incident Energy (MeV)

75-Re-183



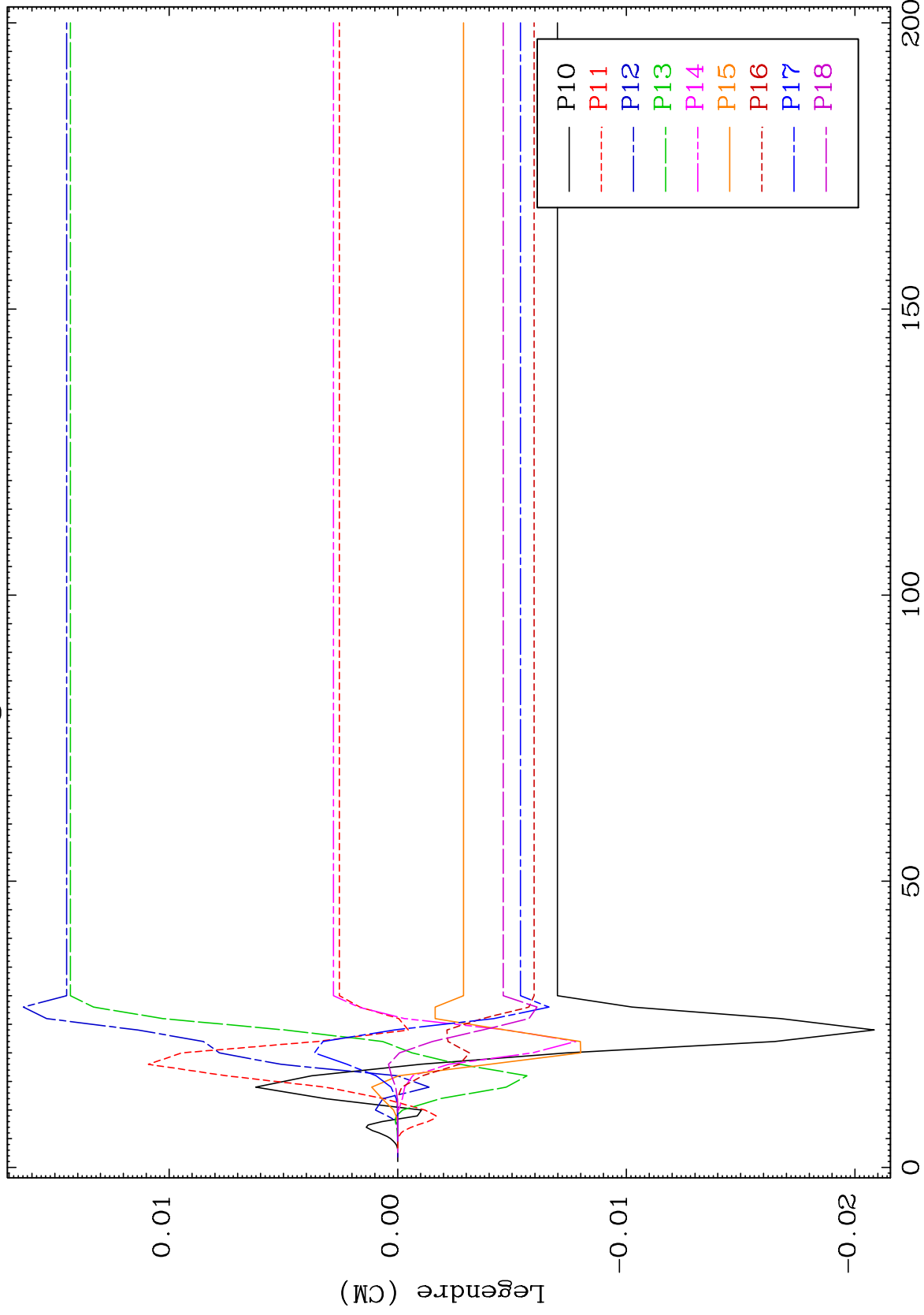




MAT 7519

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

75-Re-183



29

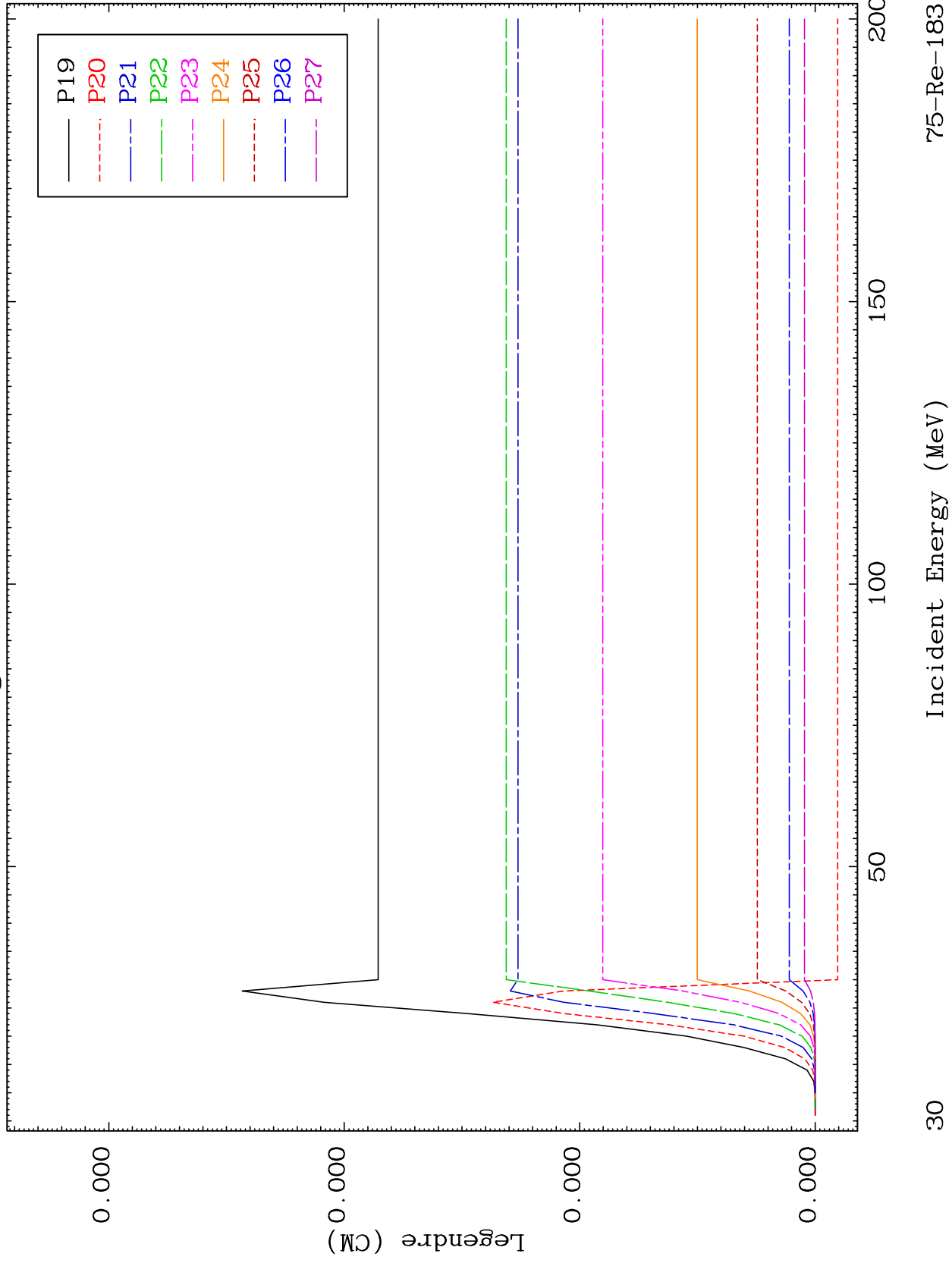
Incident Energy (MeV)

75-Re-183

MAT 7519

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

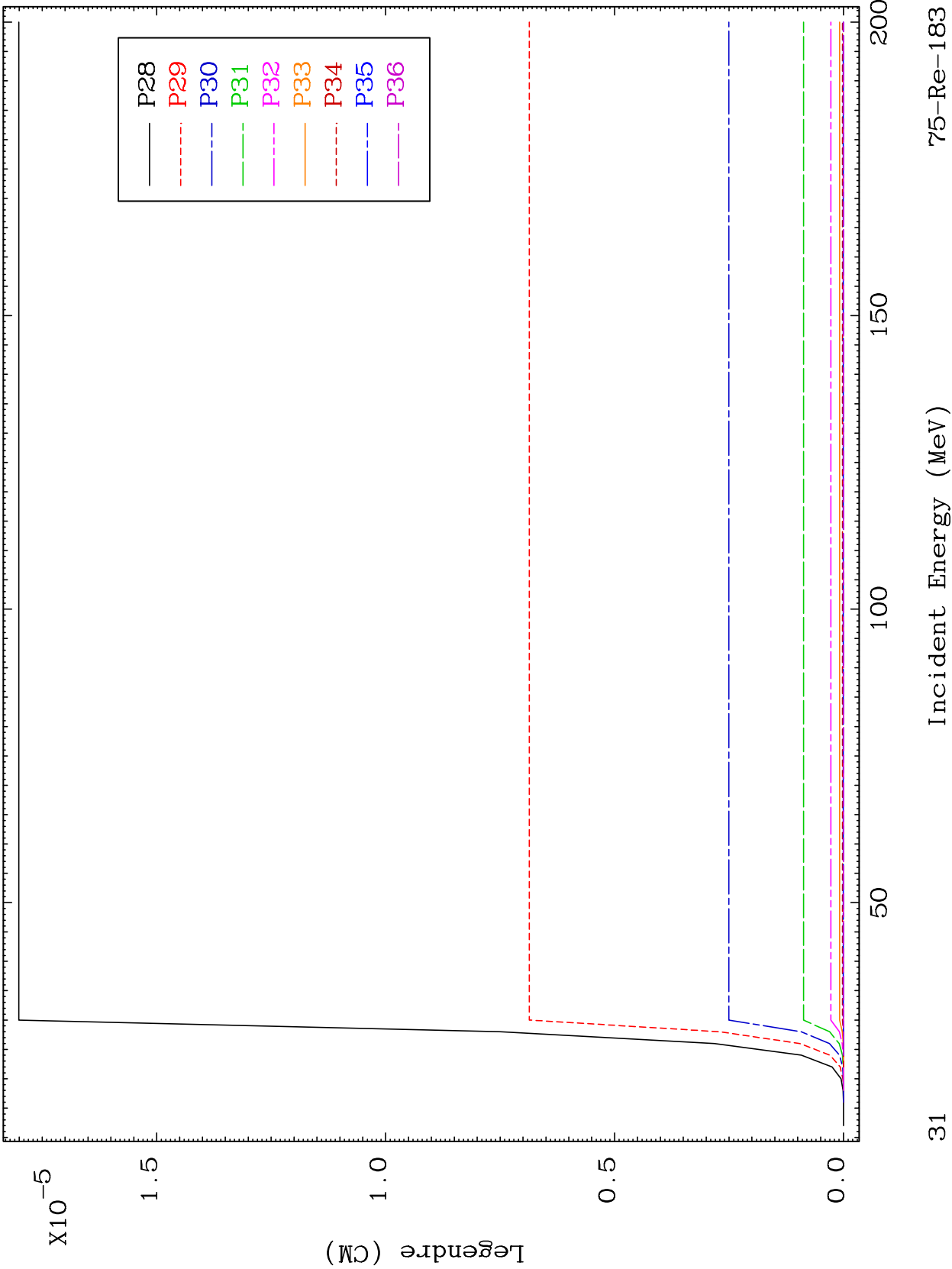
75-Re-183



MAT 7519

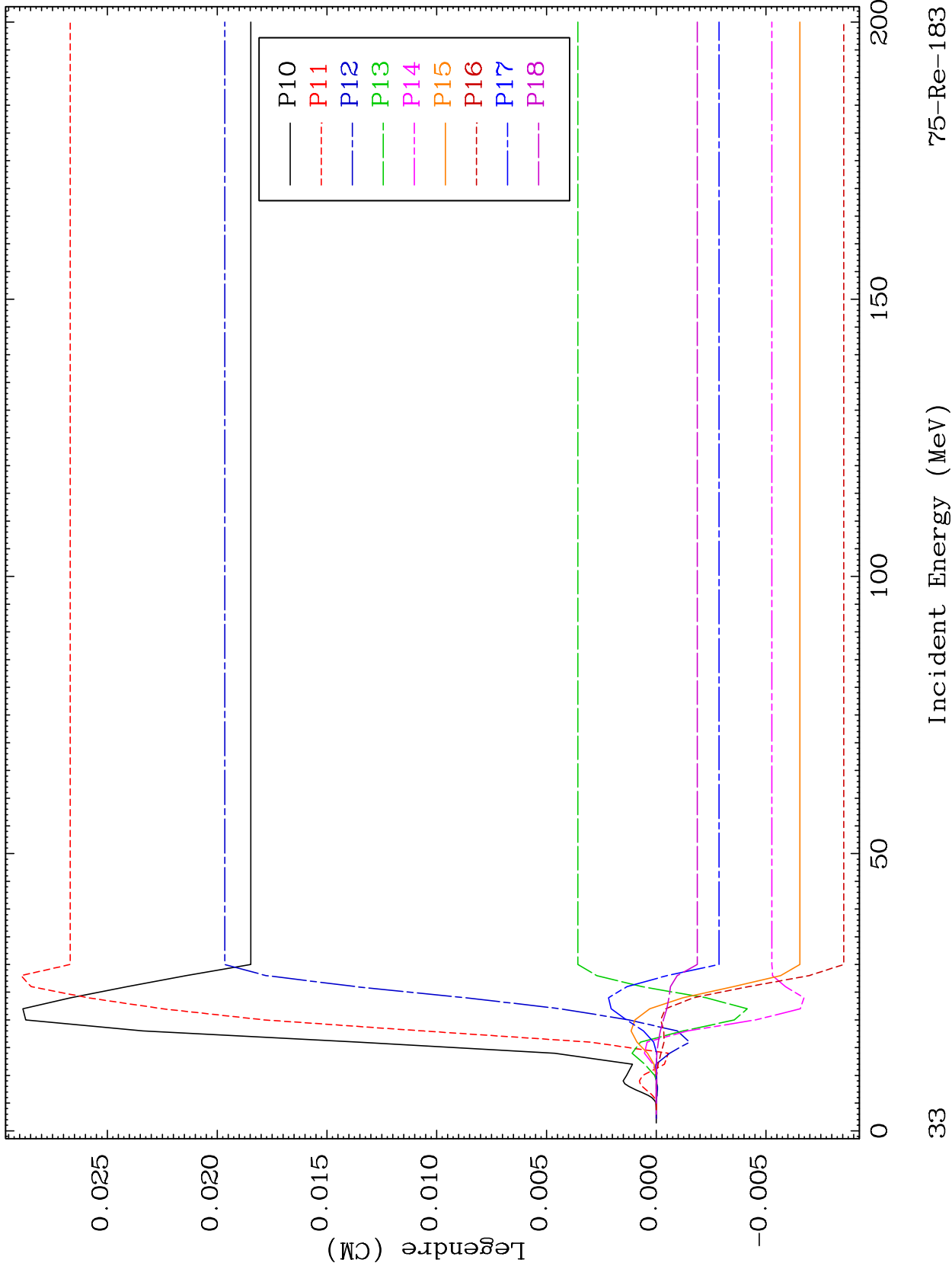
MT= 53 (n,n') Level
Legendre Coefficients

75-Re-183



31

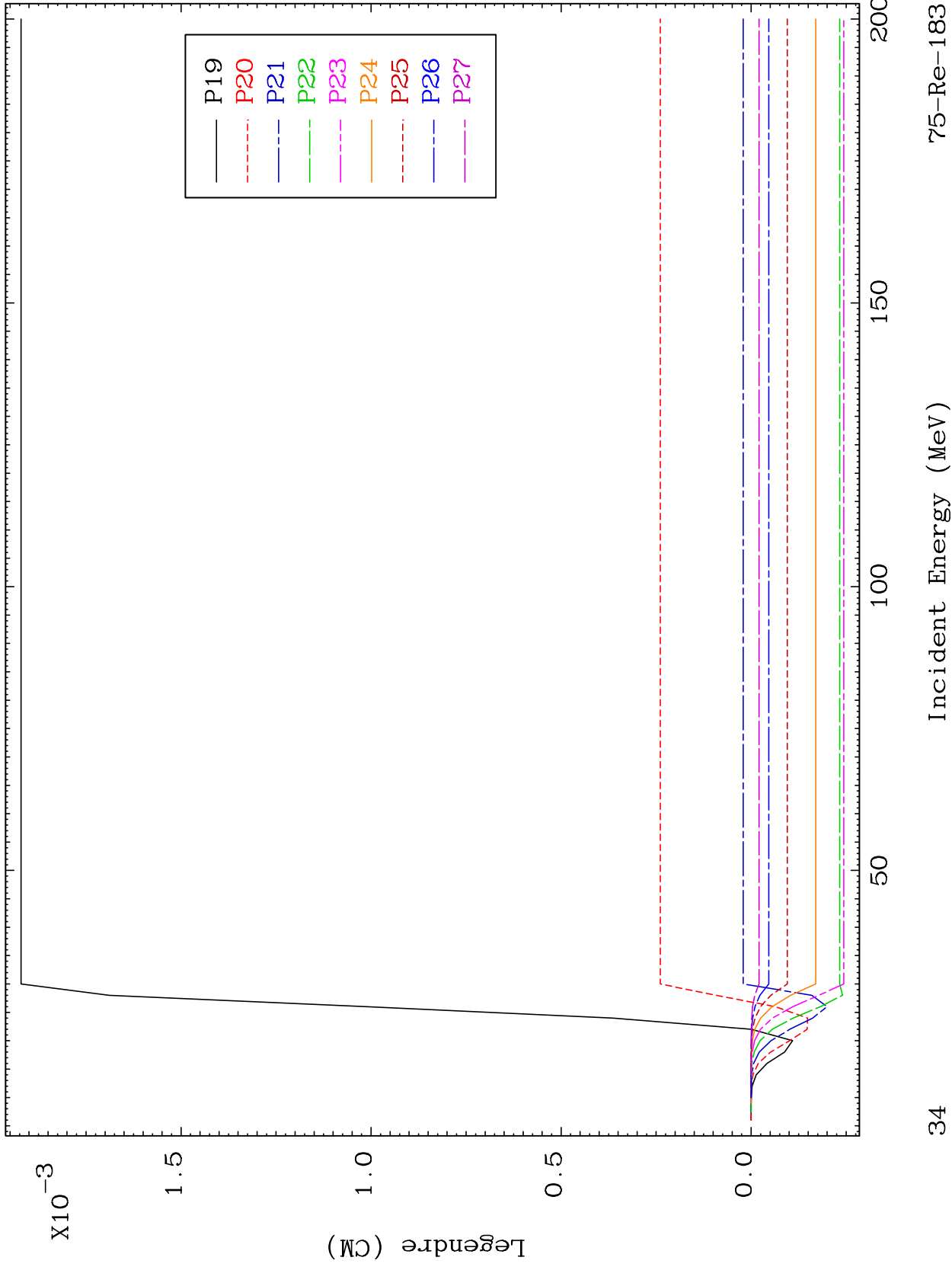
75-Re-183



MAT 7519

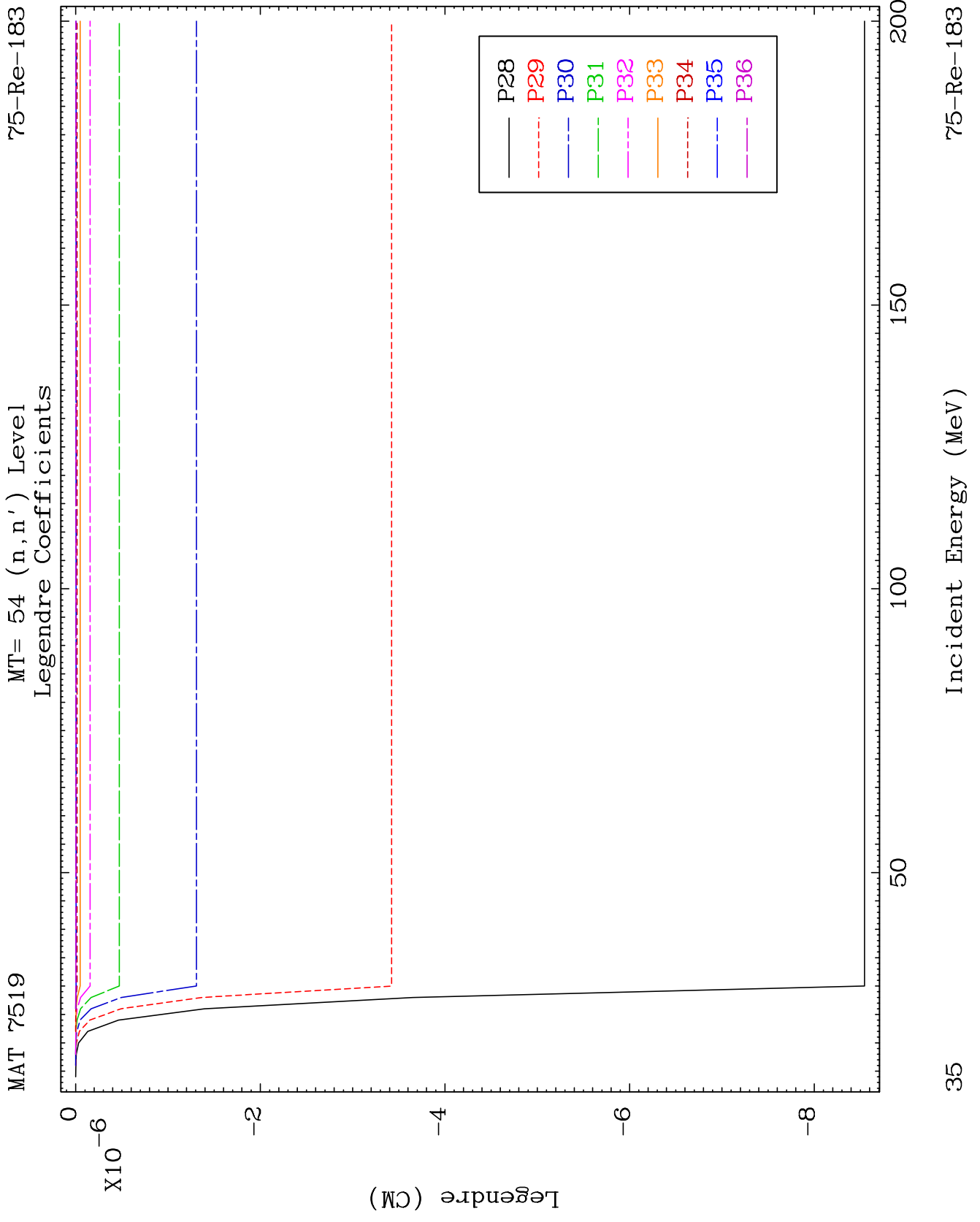
MT= 54 (n,n') Level
Legendre Coefficients

75-Re-183



34

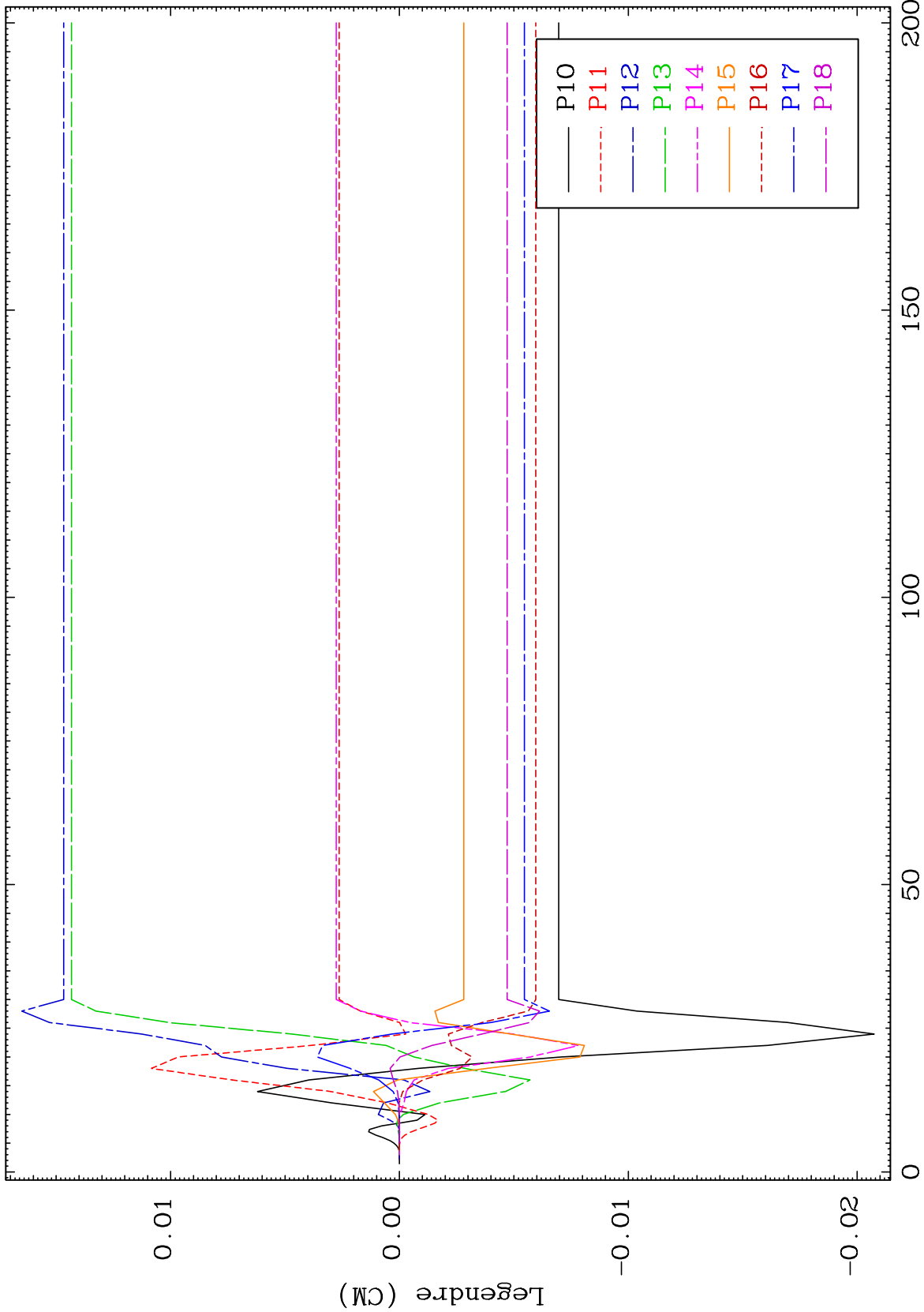
75-Re-183



MAT 7519

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

75-Re-183



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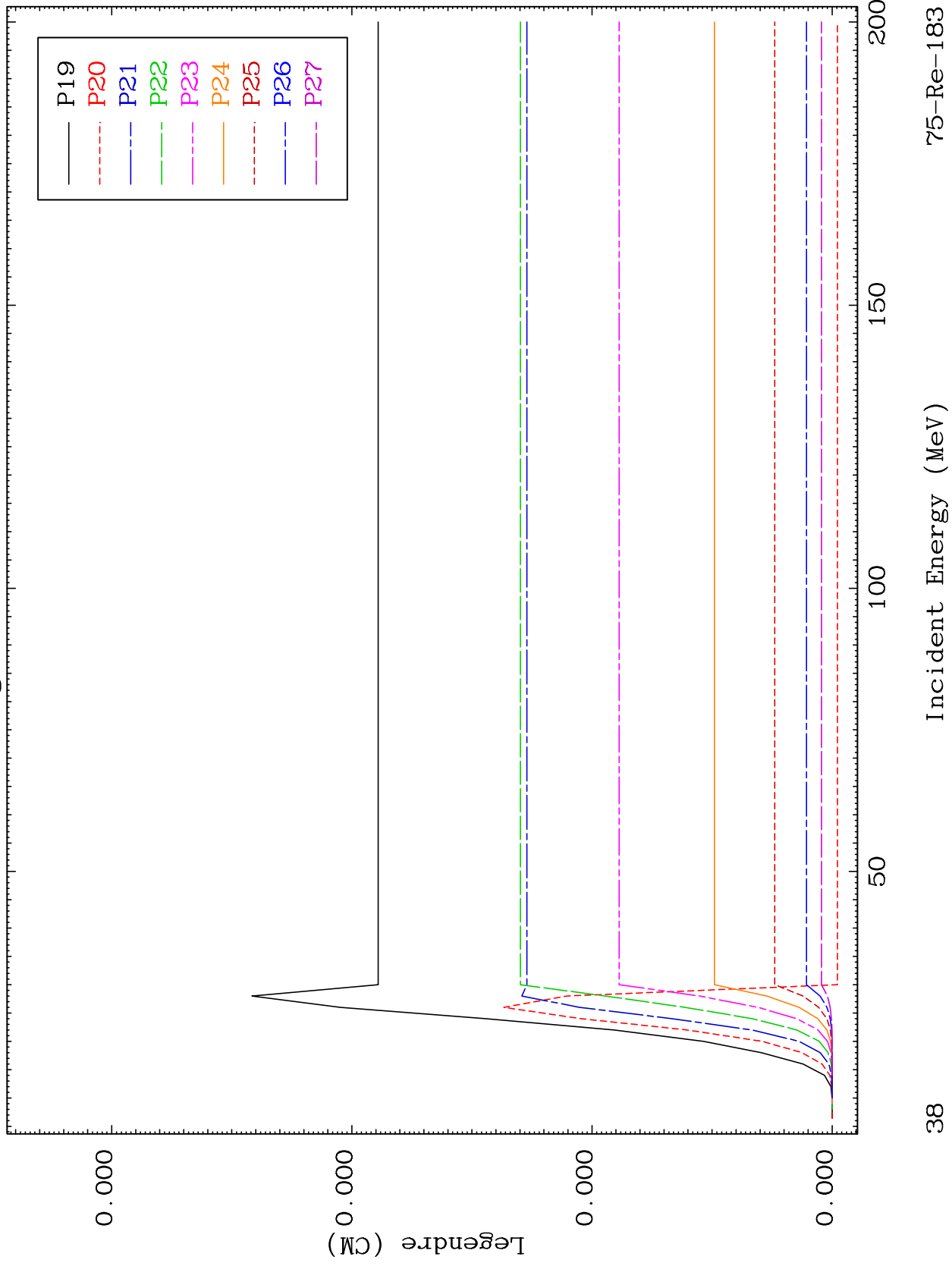
Incident Energy (MeV)

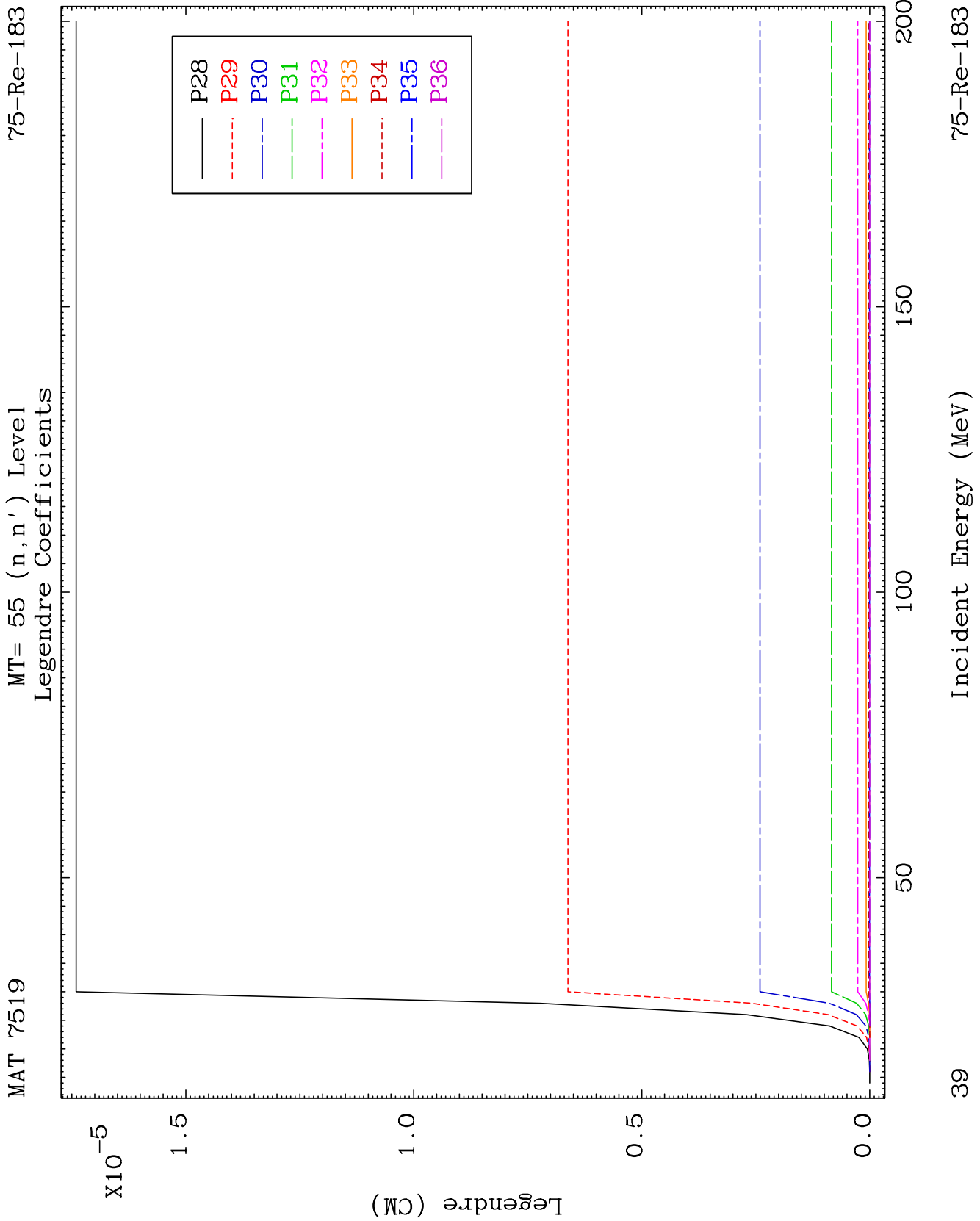
75-Re-183

MAT 7519

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

75-Re-183

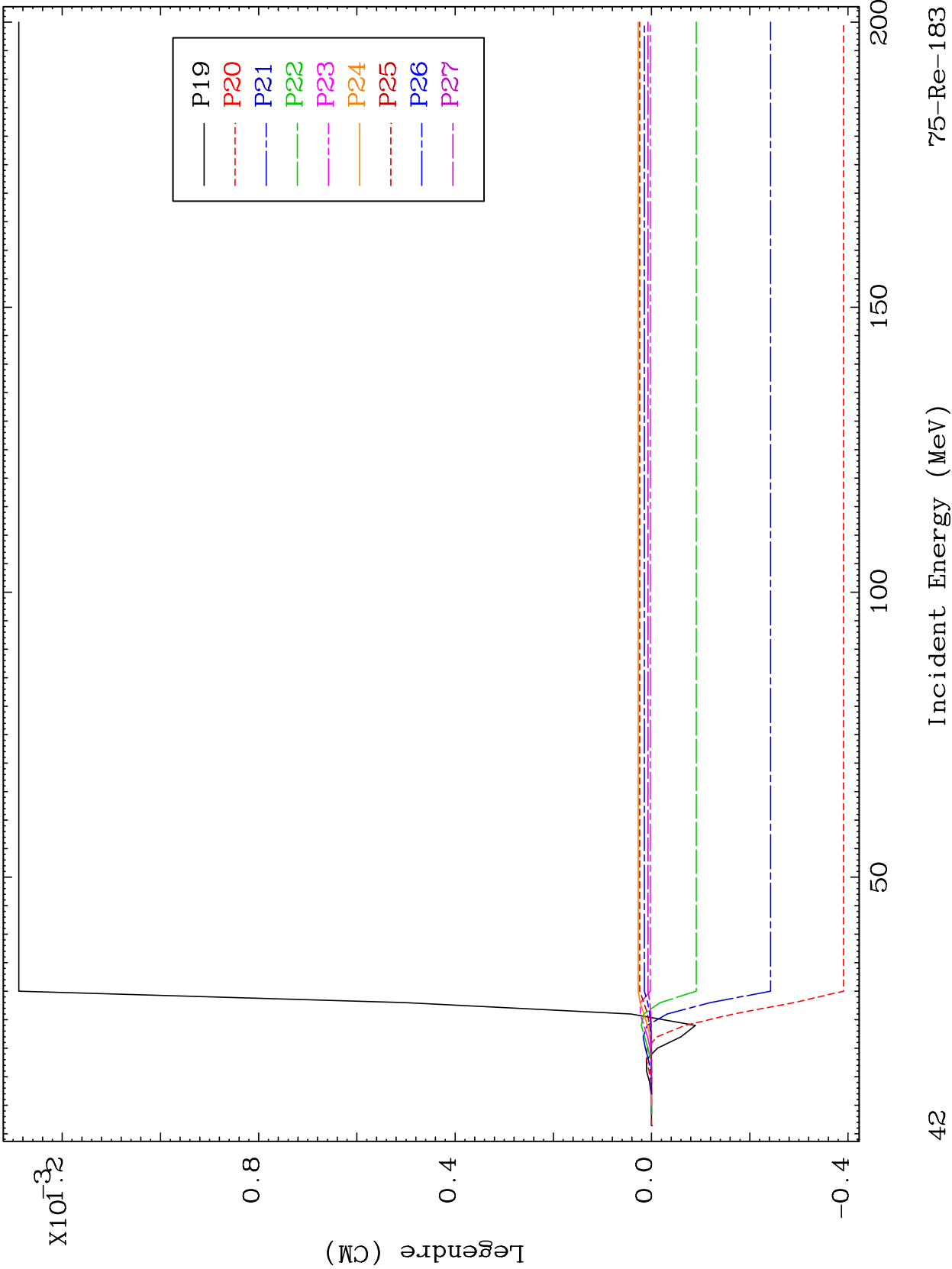




MAT 7519

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

75-Re-183



42

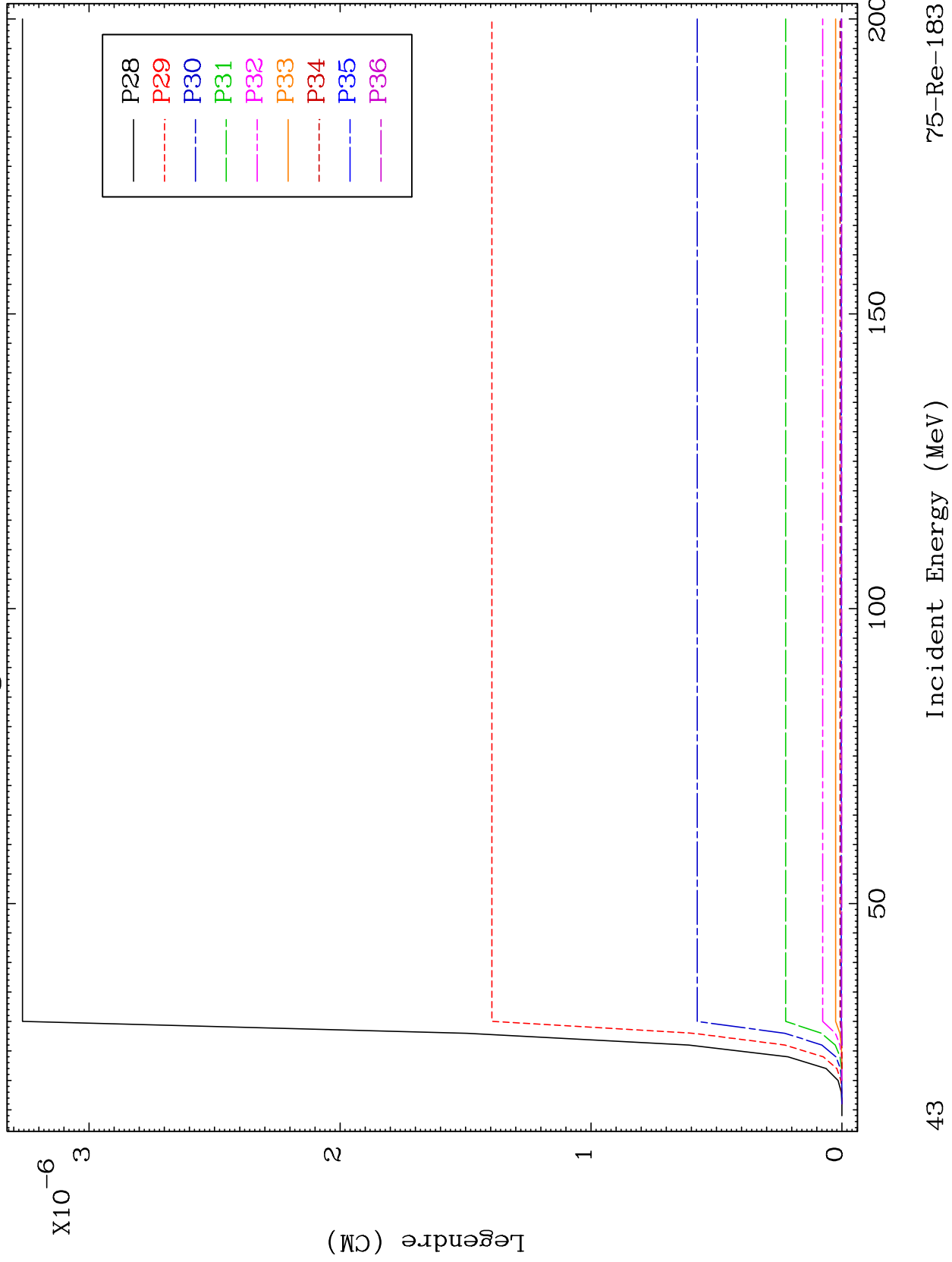
Incident Energy (MeV)

75-Re-183

MAT 7519

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

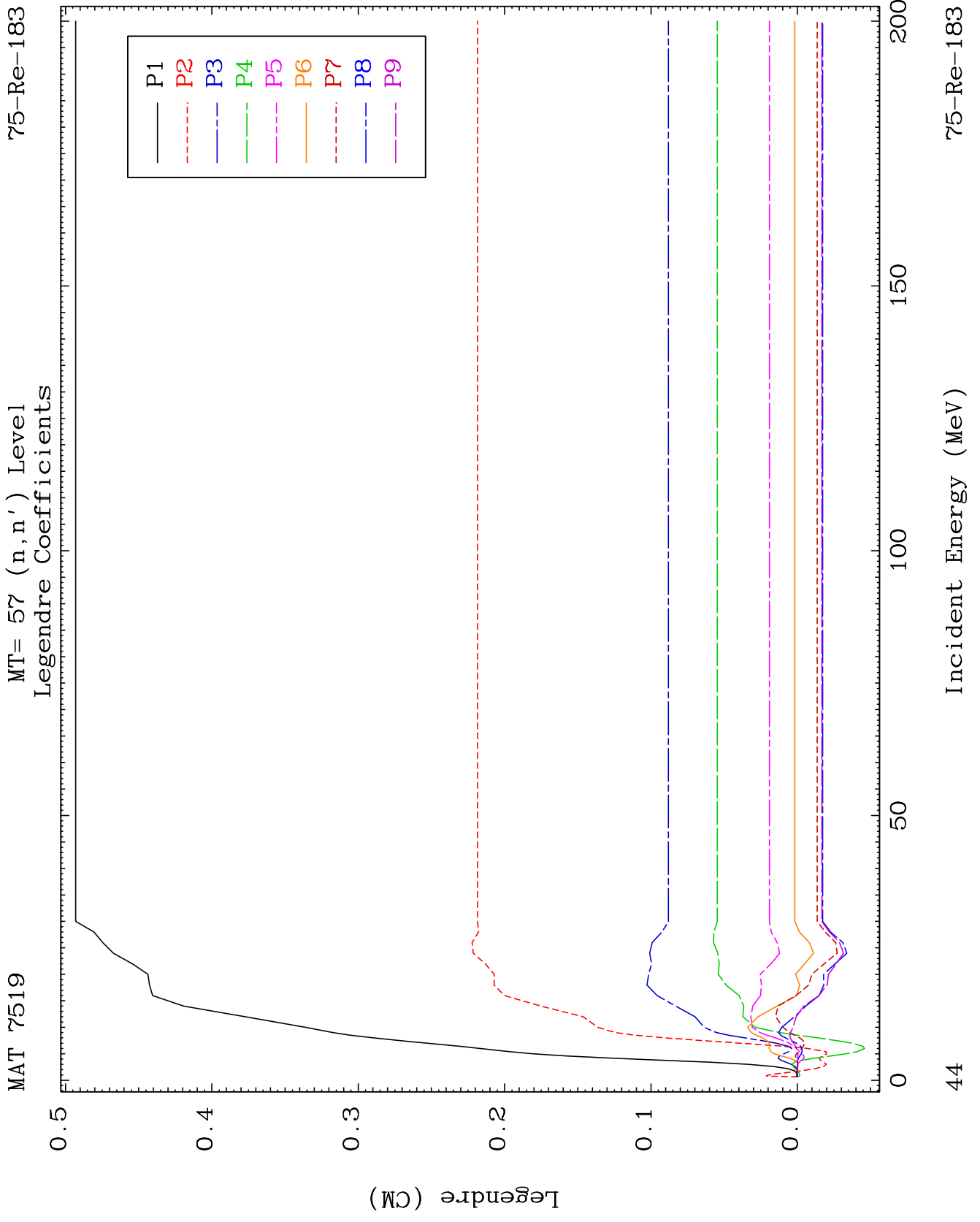
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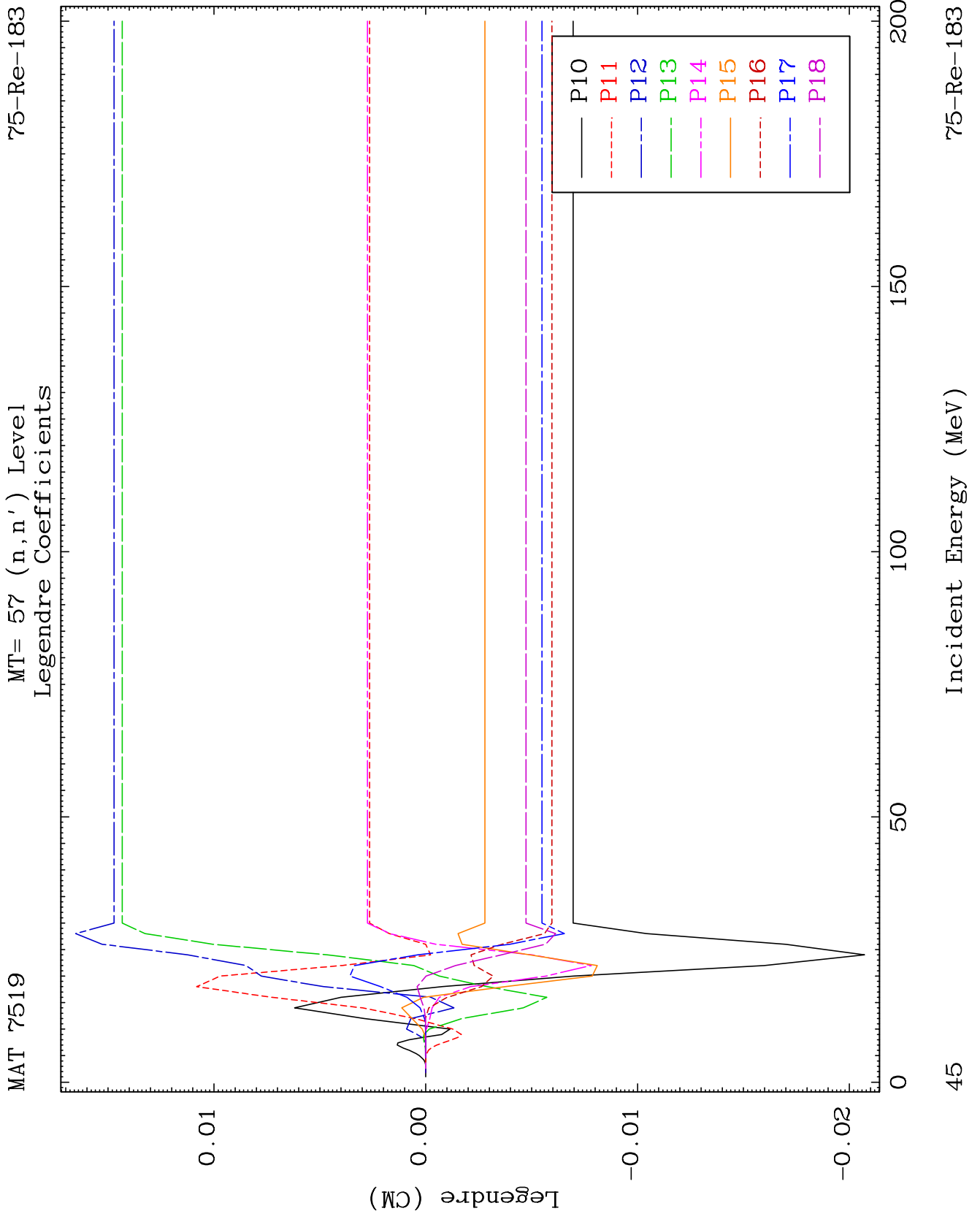


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Incident Energy (MeV)

75-Re-183

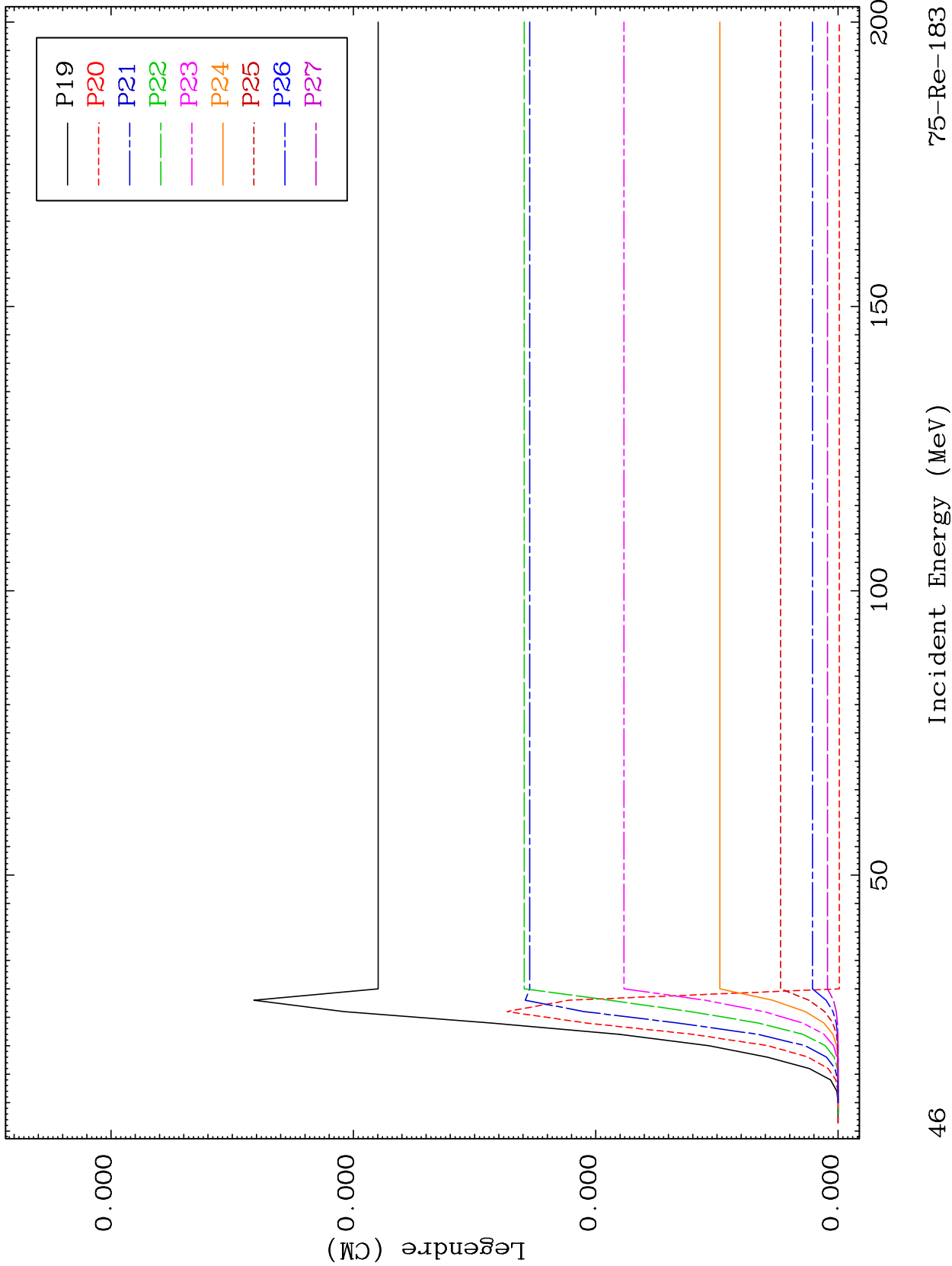




MAT 7519

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

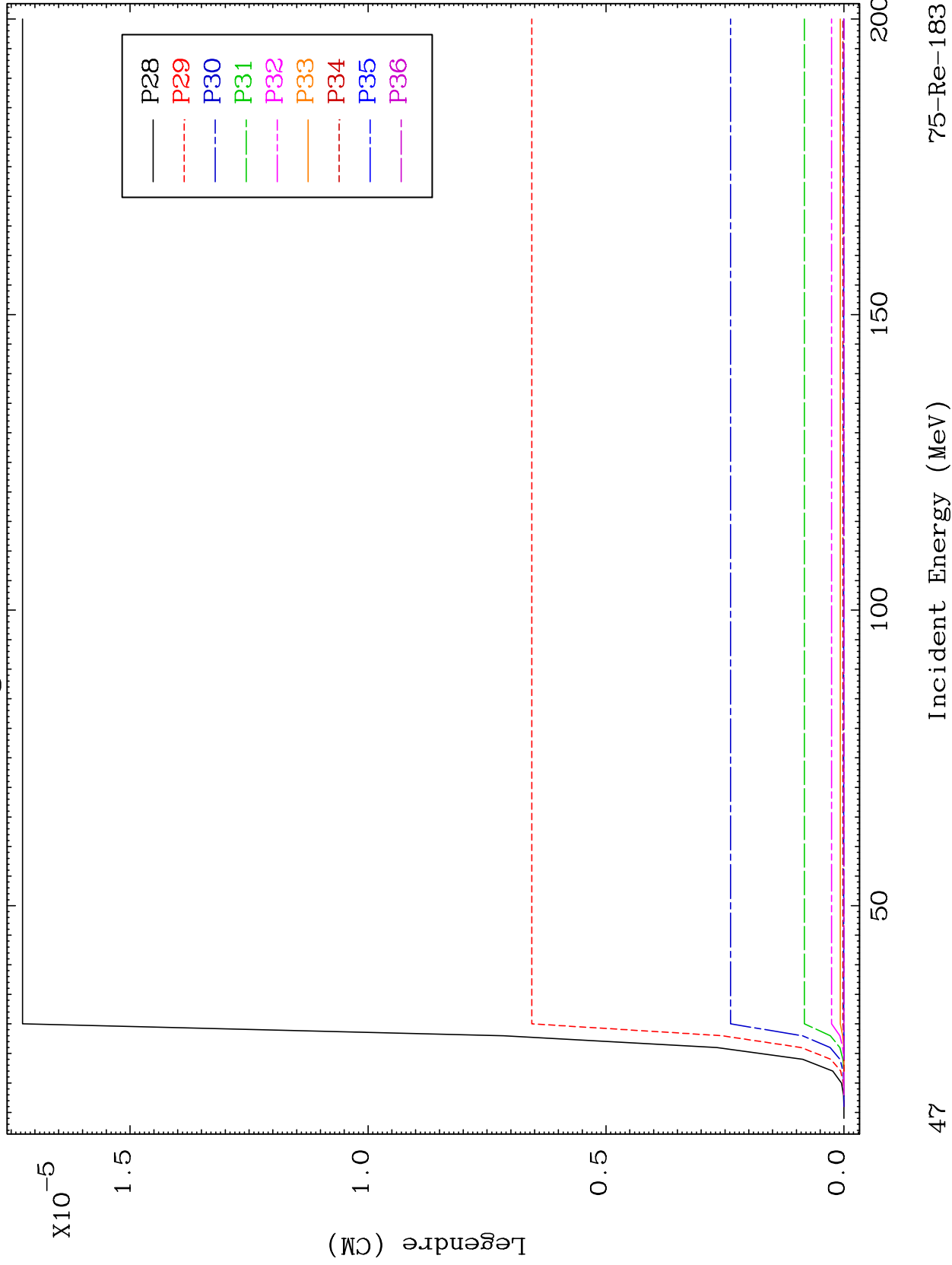
75-Re-183



MAT 7519

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

75-Re-183



47

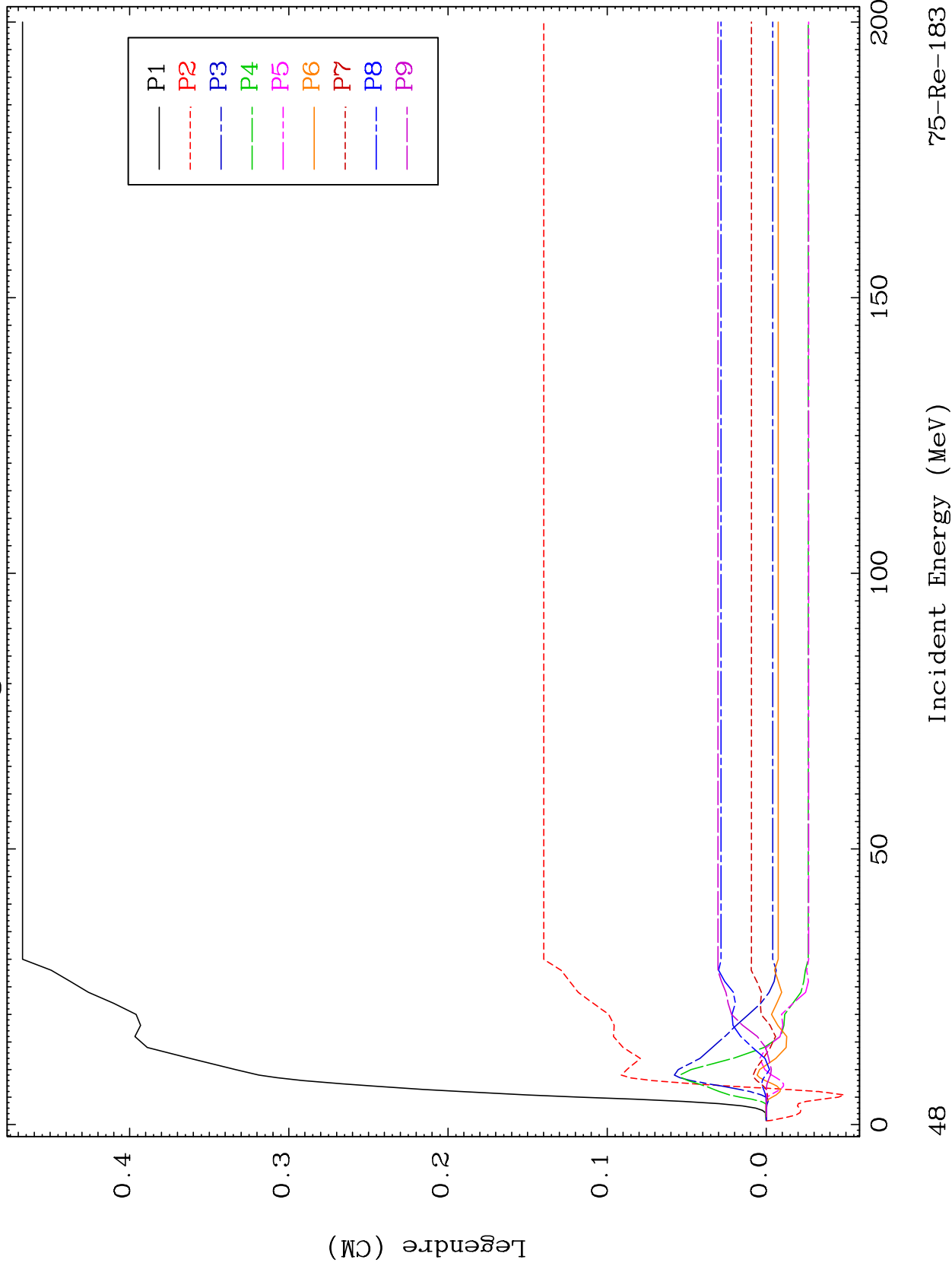
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



48

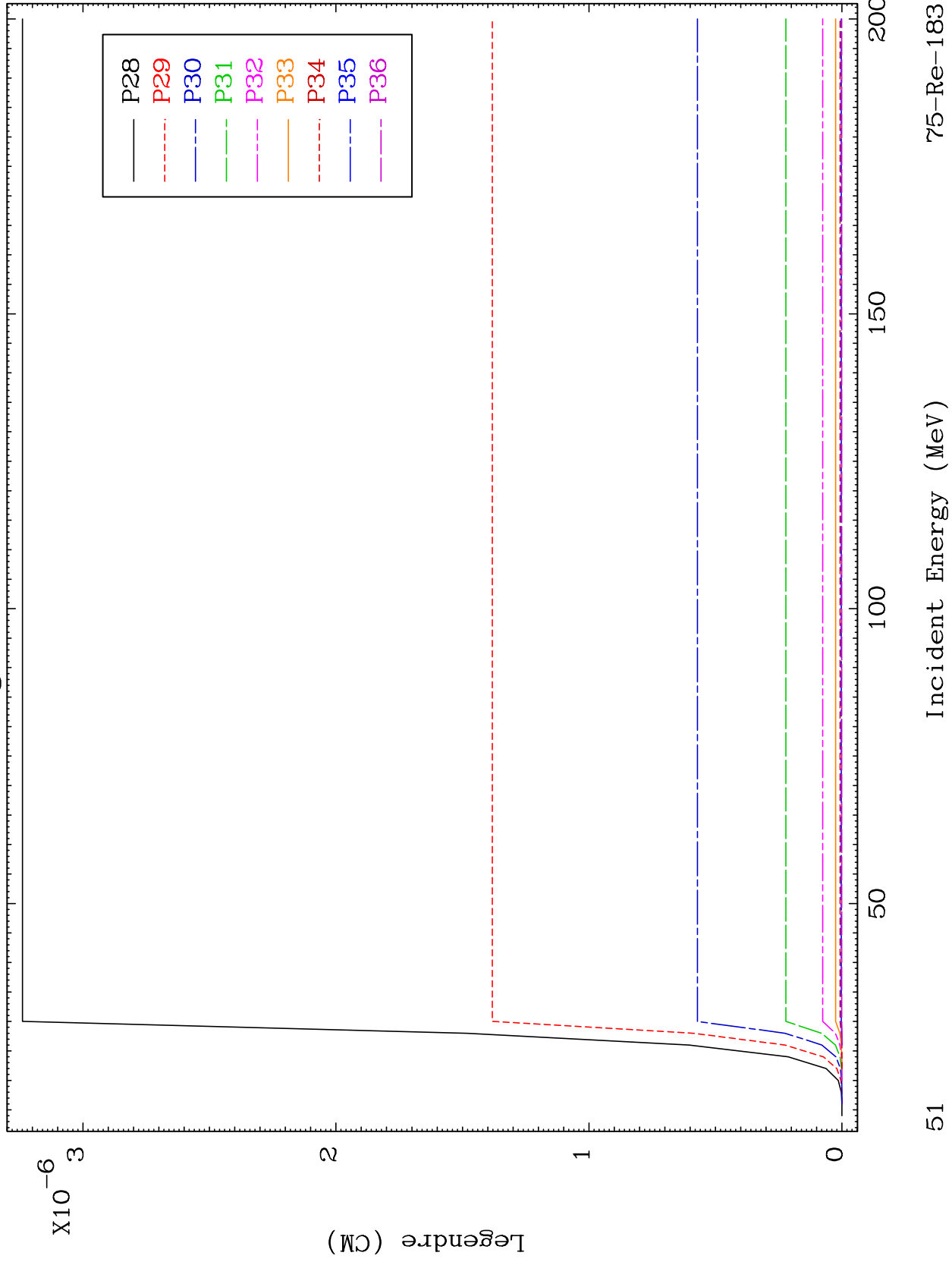
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183

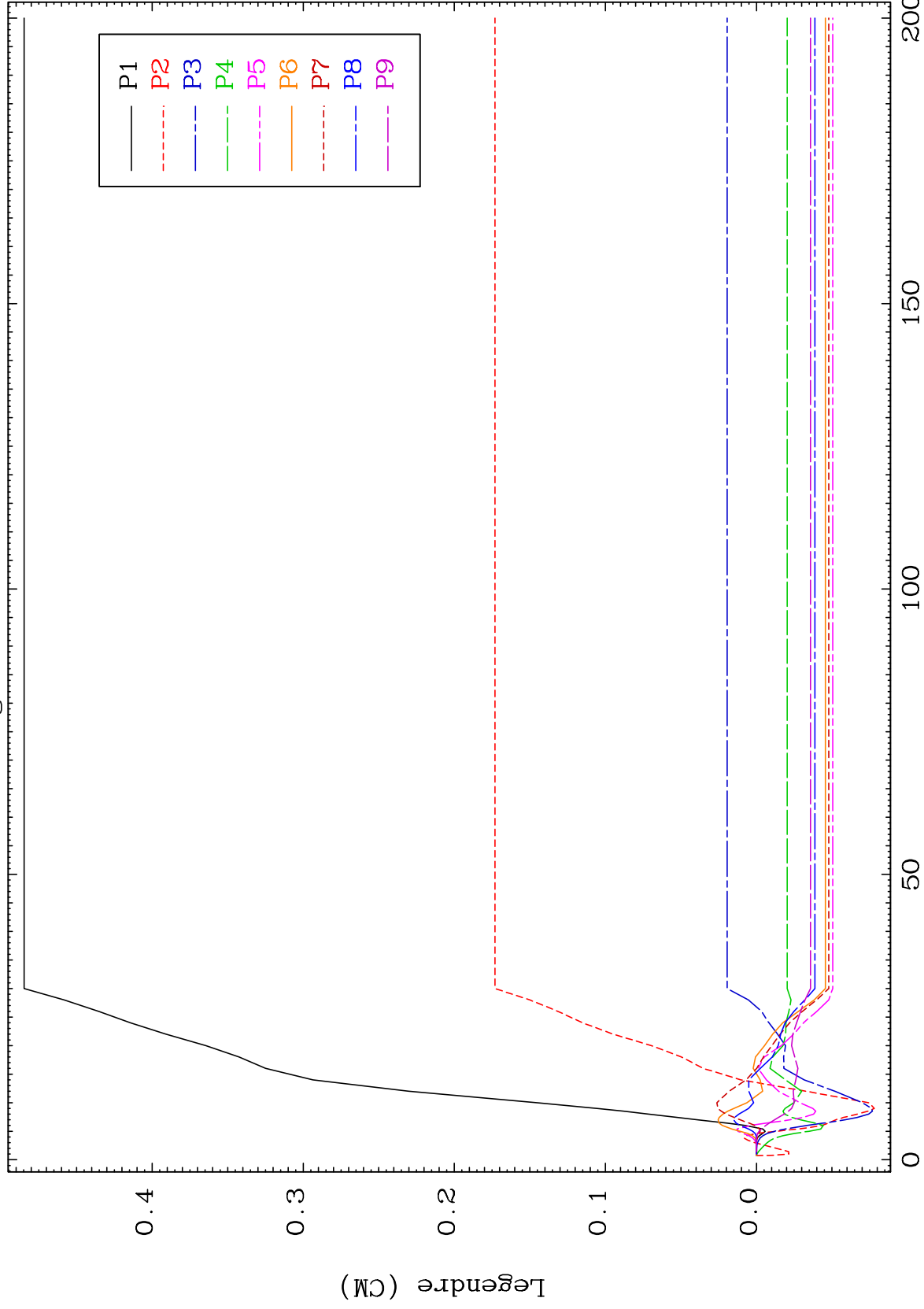


MAT 7519

MT= 59 (n,n') Level

75-Re-183

Legendre Coefficients



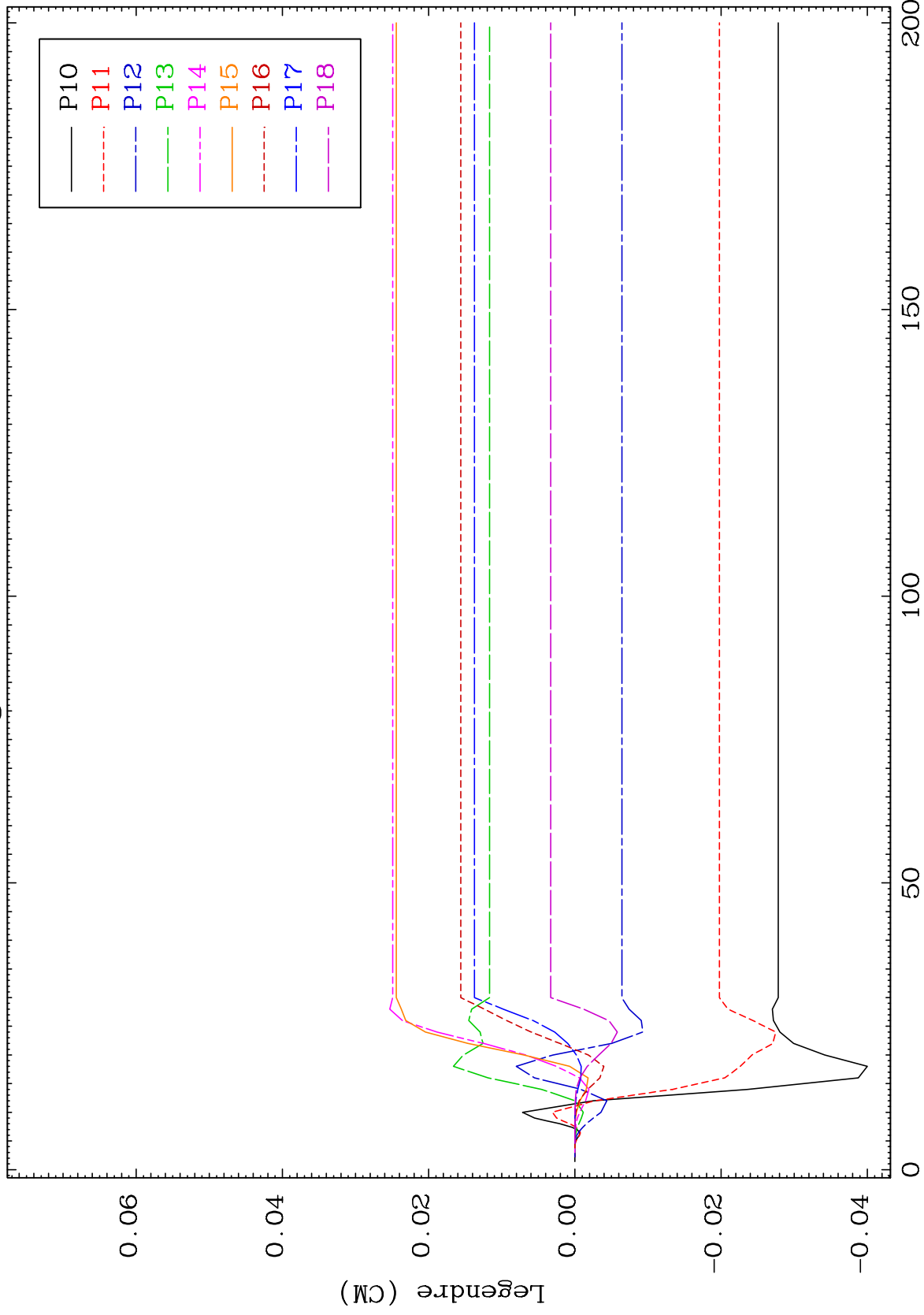
52

75-Re-183

MAT 7519

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

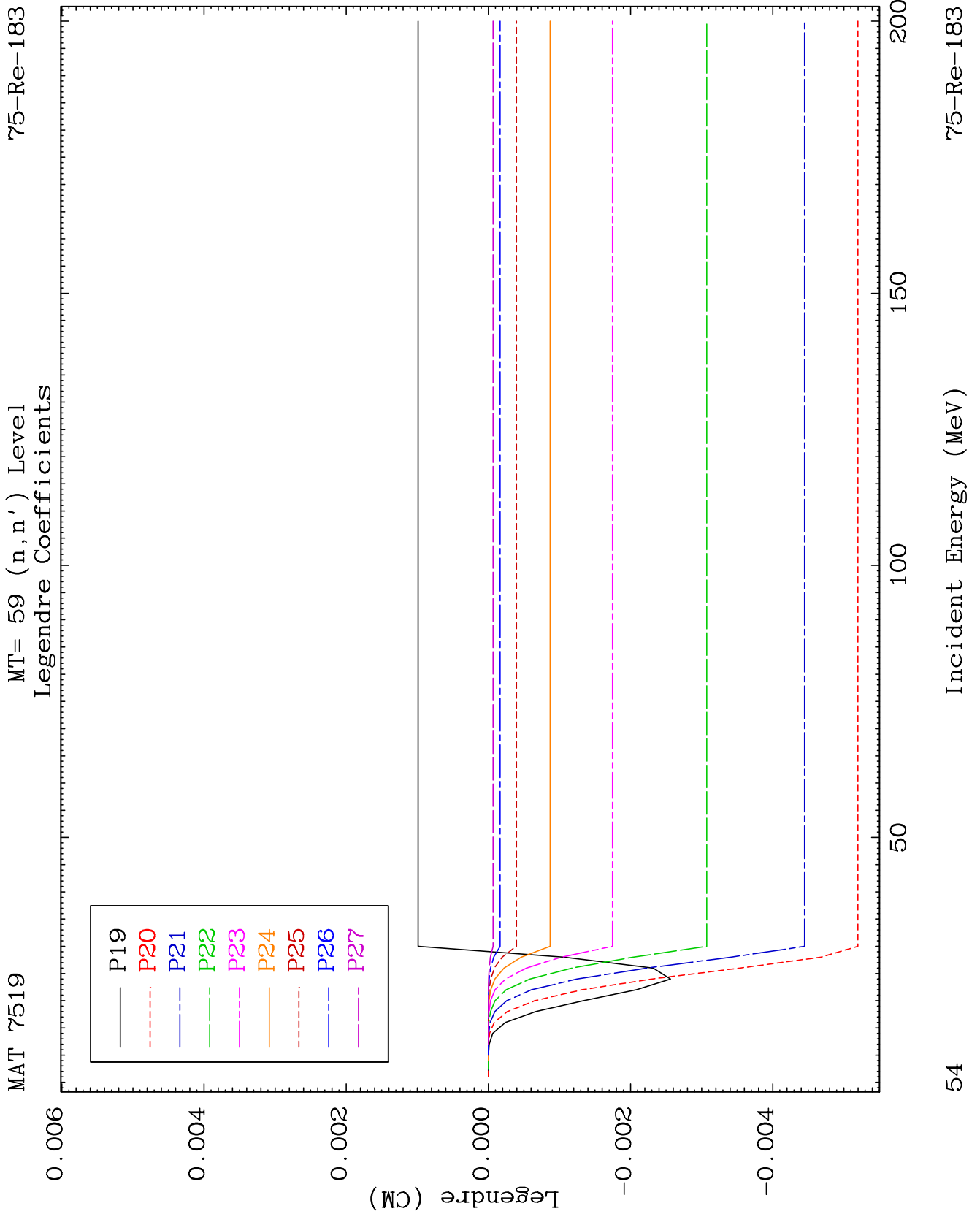
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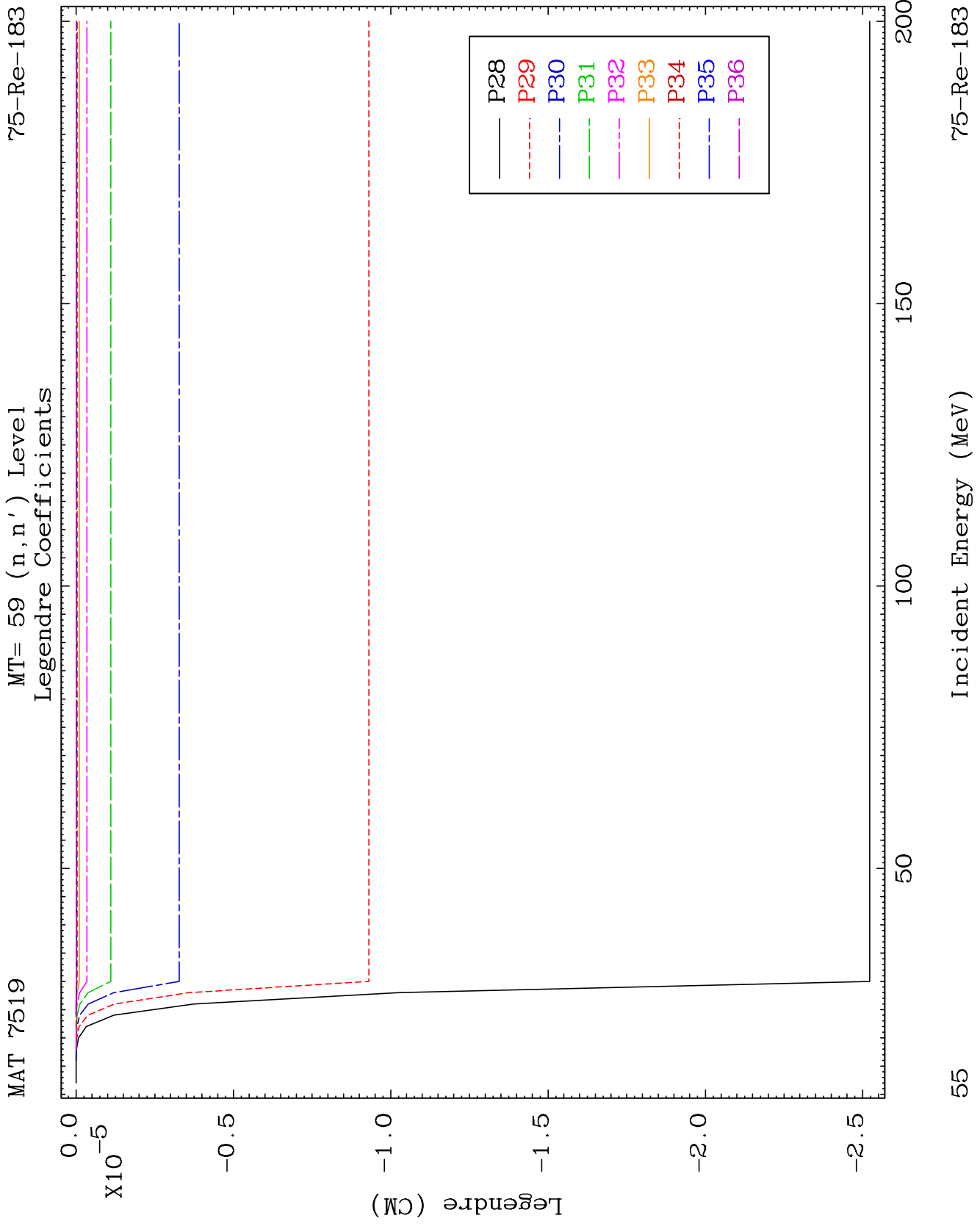


53

Incident Energy (MeV)

75-Re-183

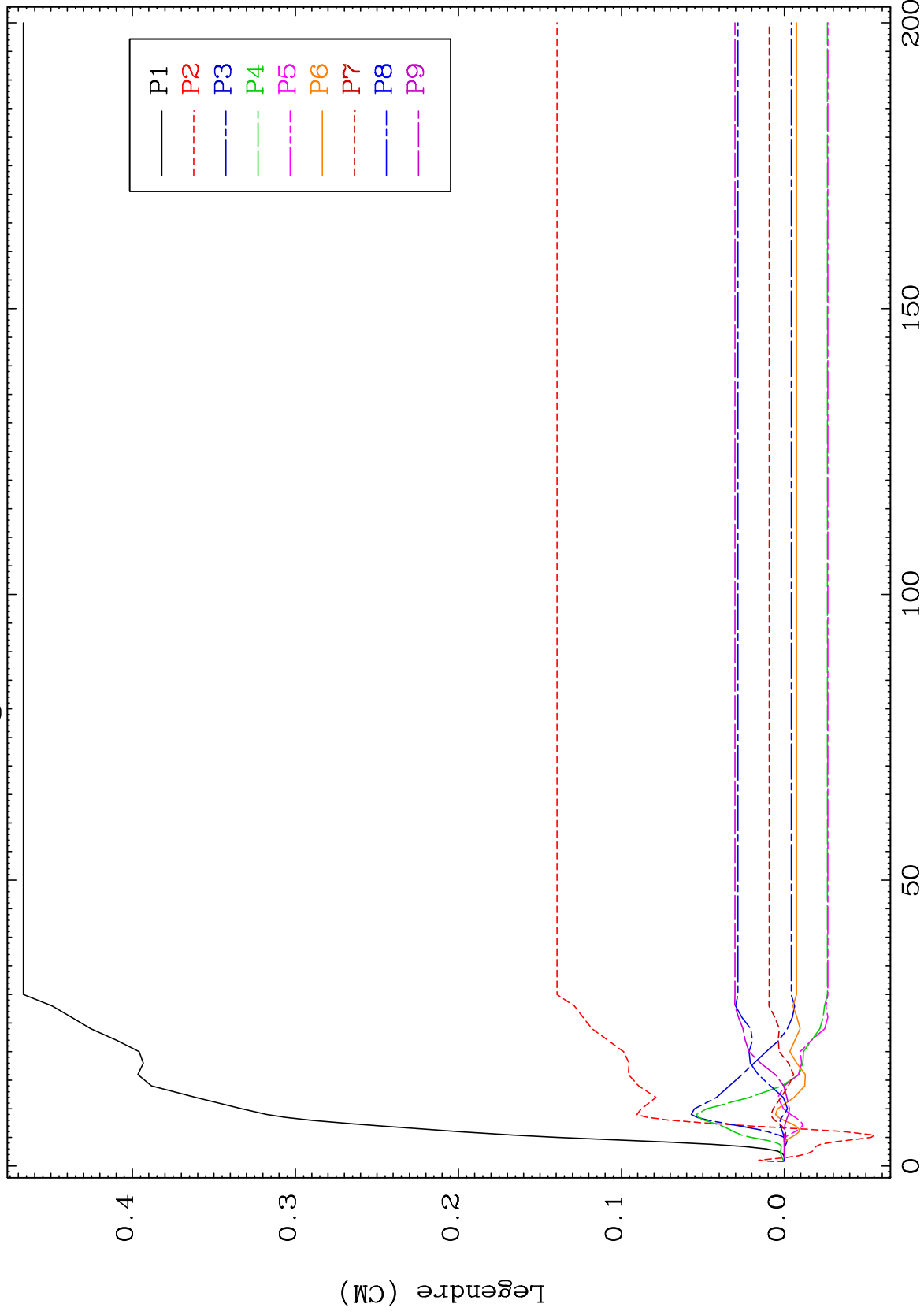




MAT 7519

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

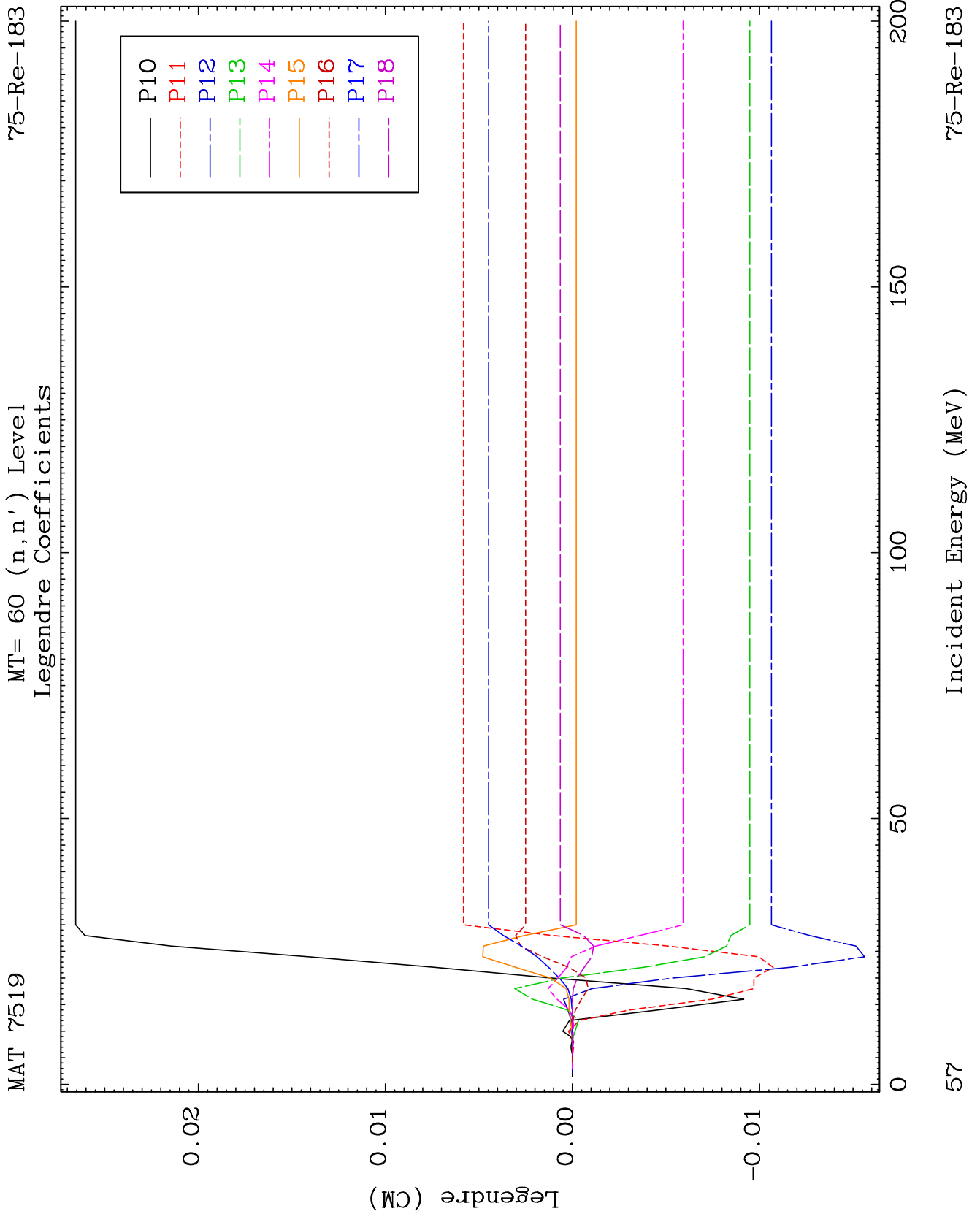
75-Re-183



56

Incident Energy (MeV)

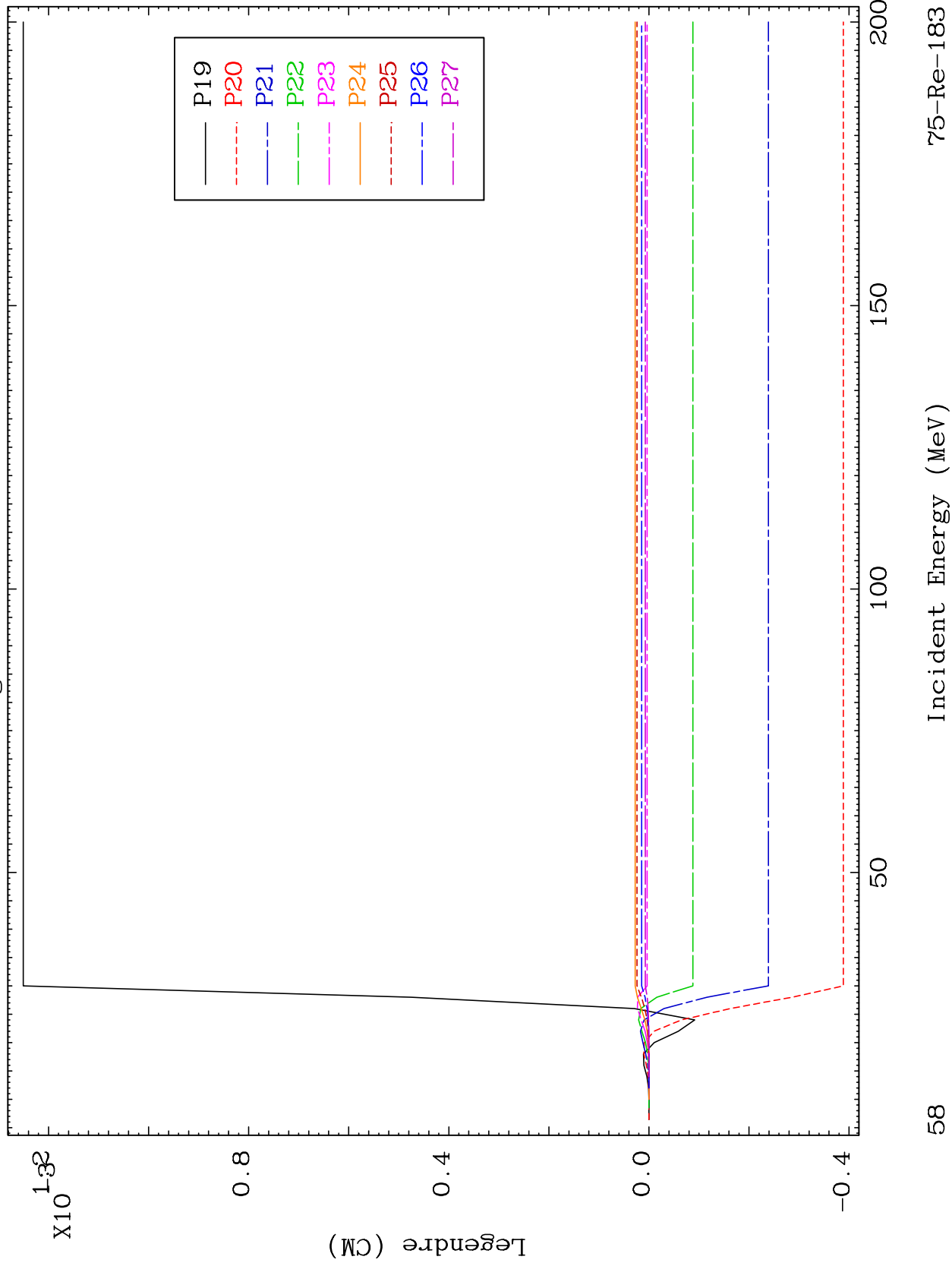
75-Re-183



MAT 7519

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

75-Re-183



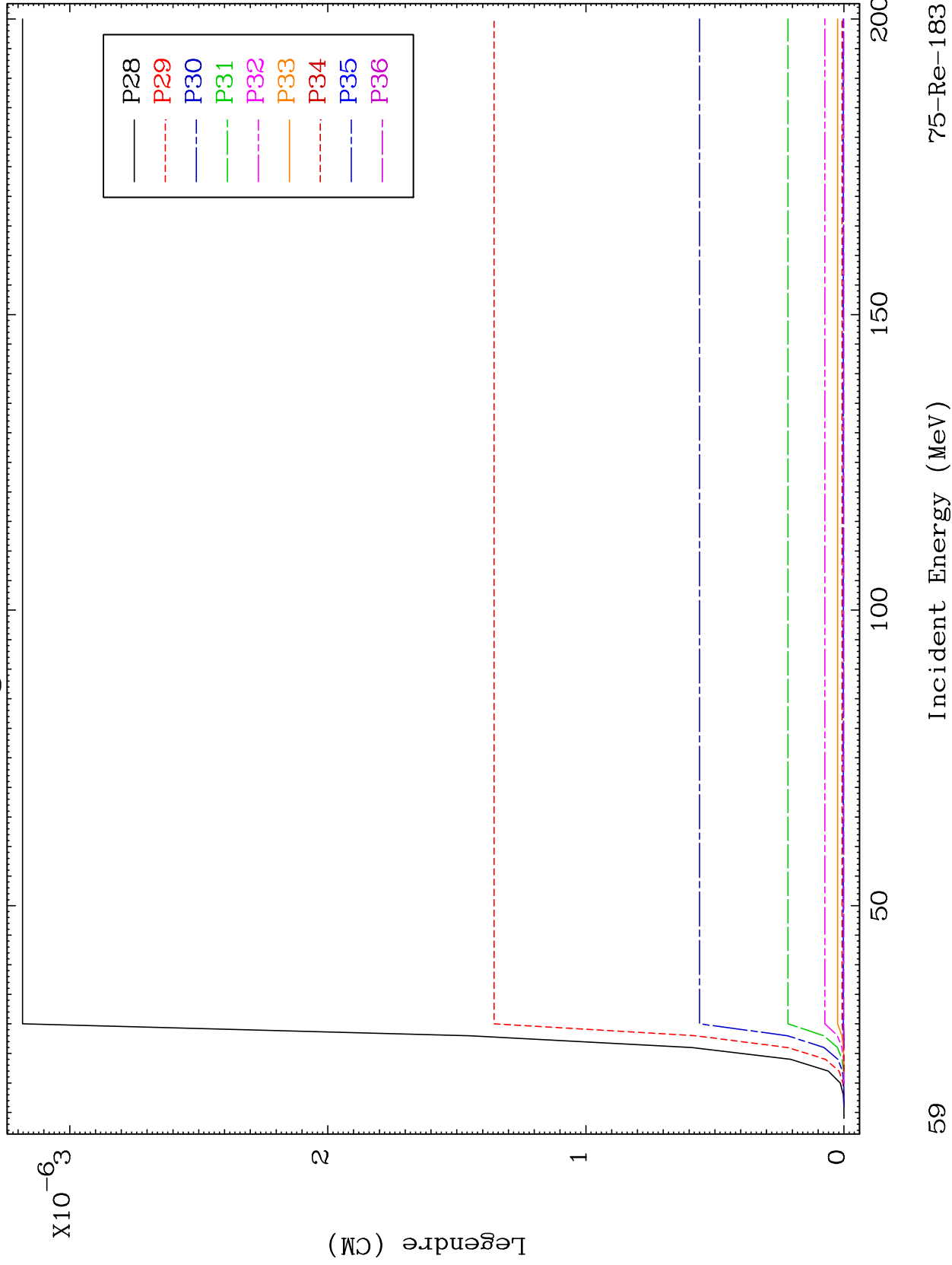
58

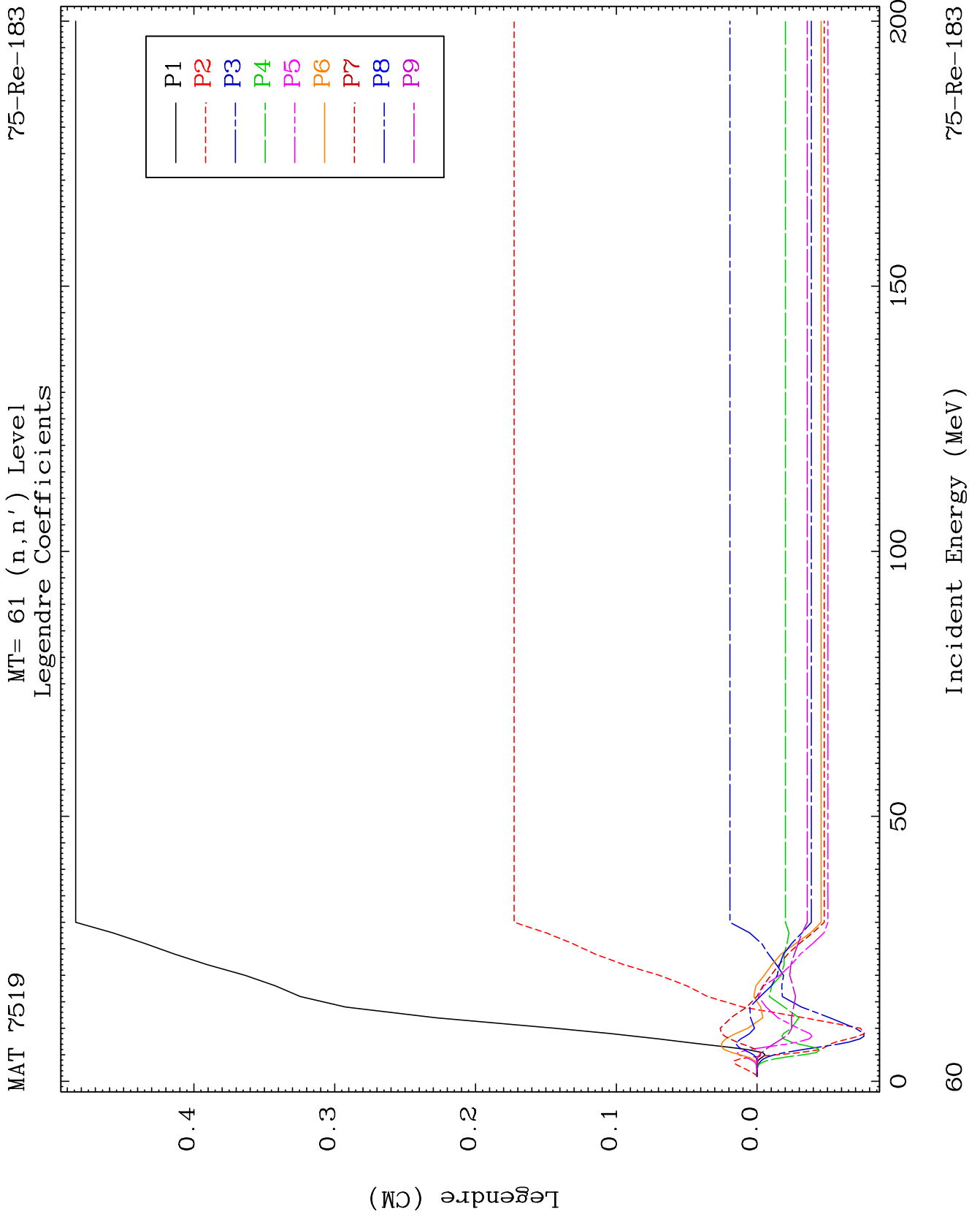
75-Re-183

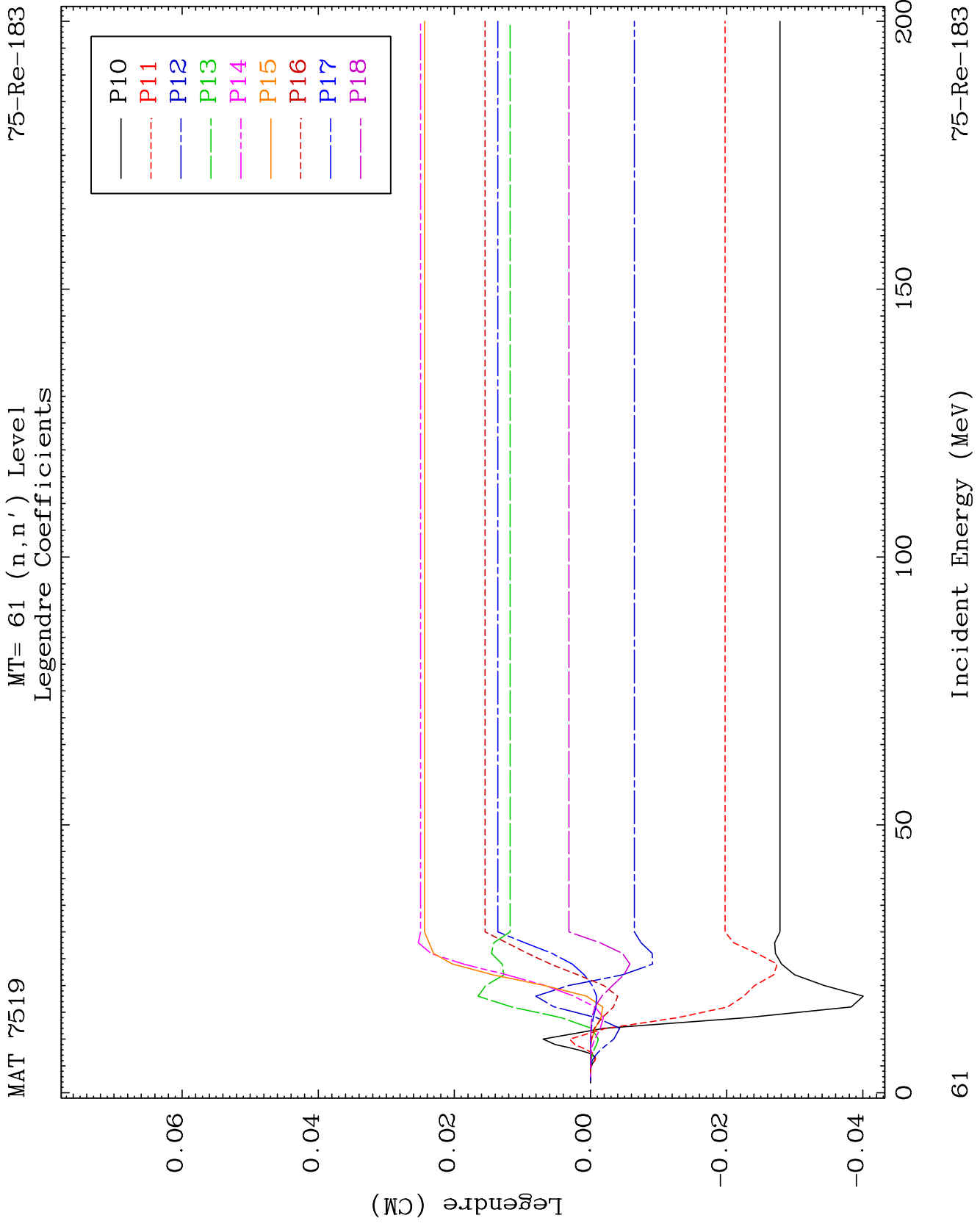
MAT 7519

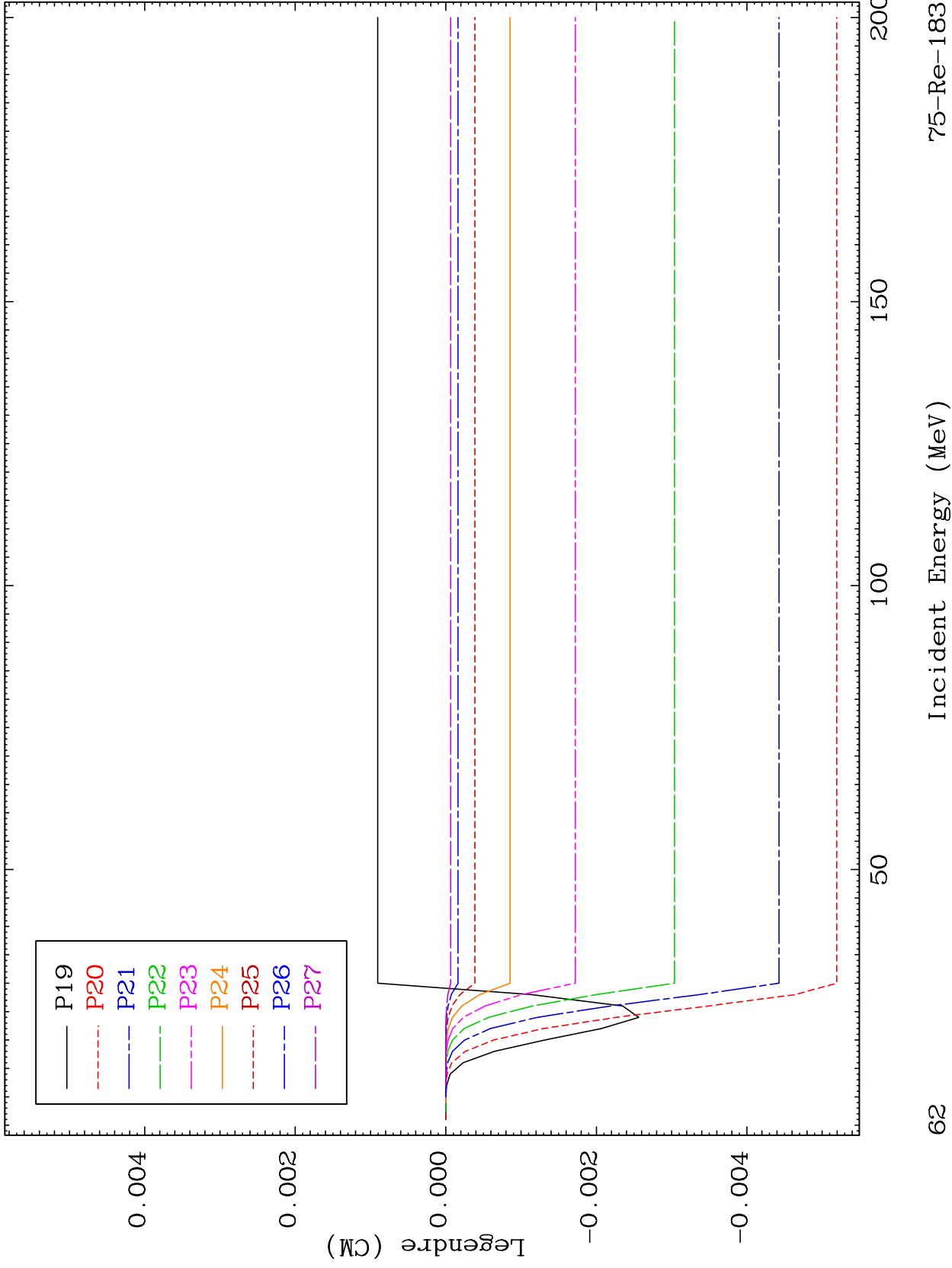
MT= 60 (n,n') Level
Legendre Coefficients

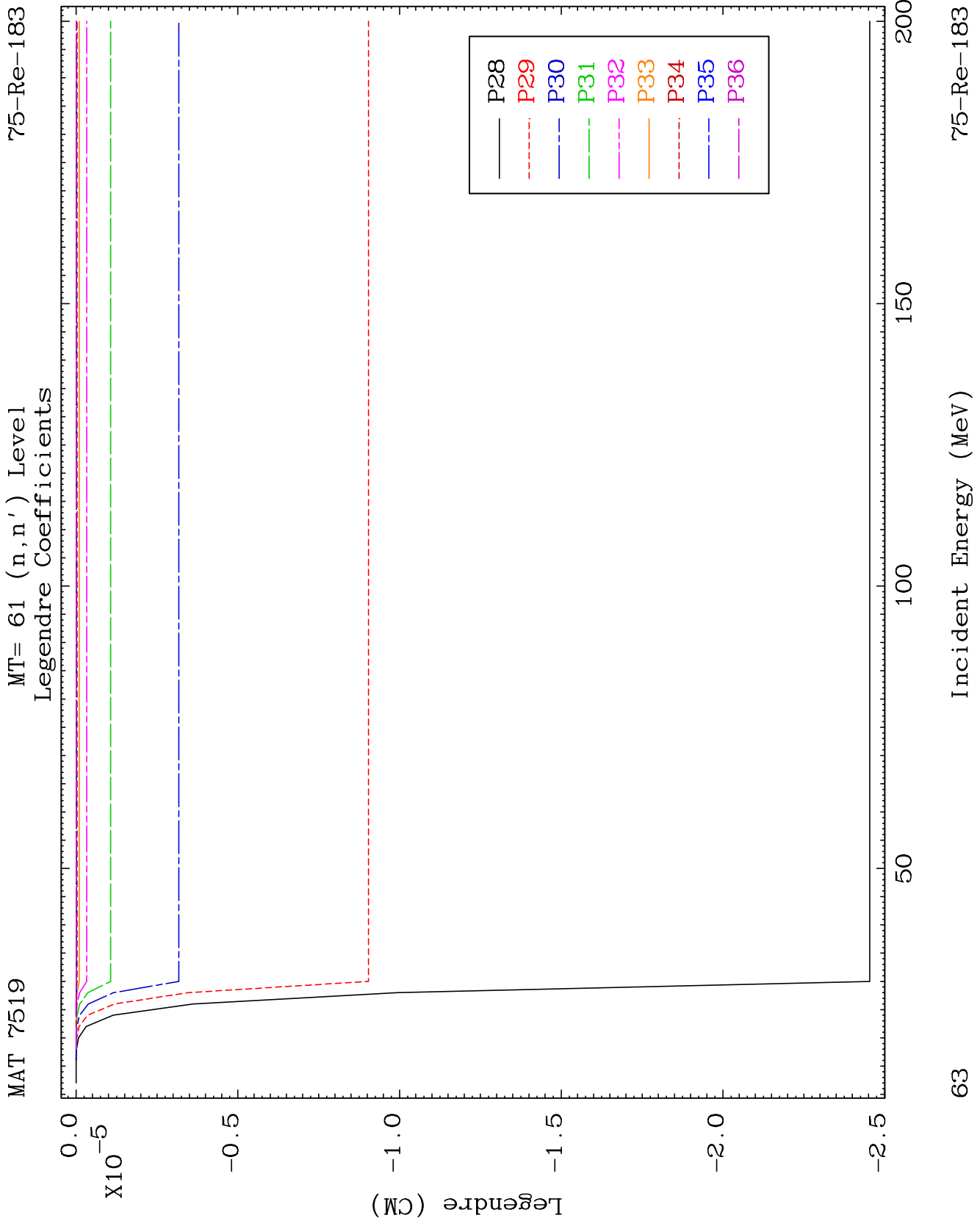
75-Re-183







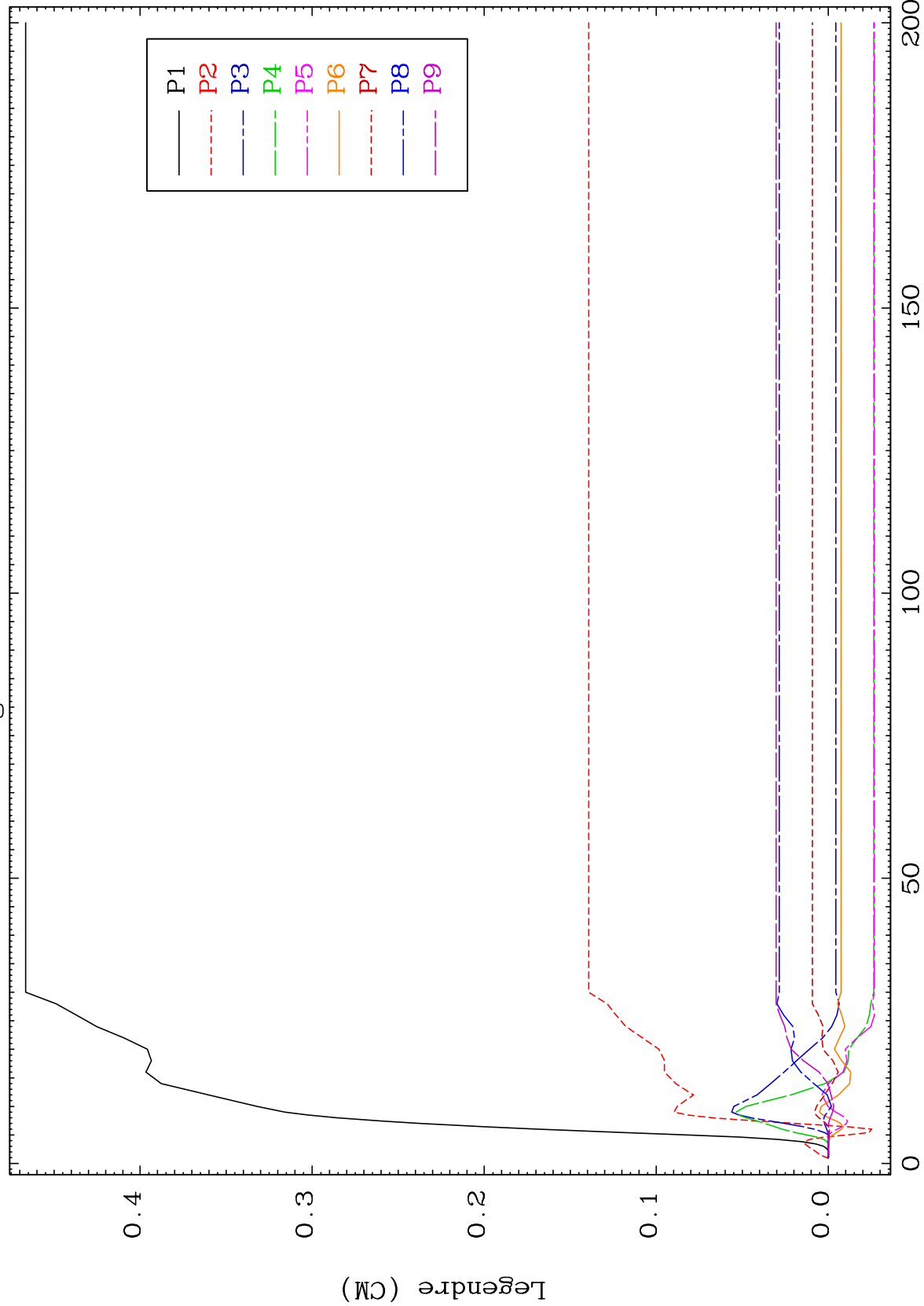




MAT 7519

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

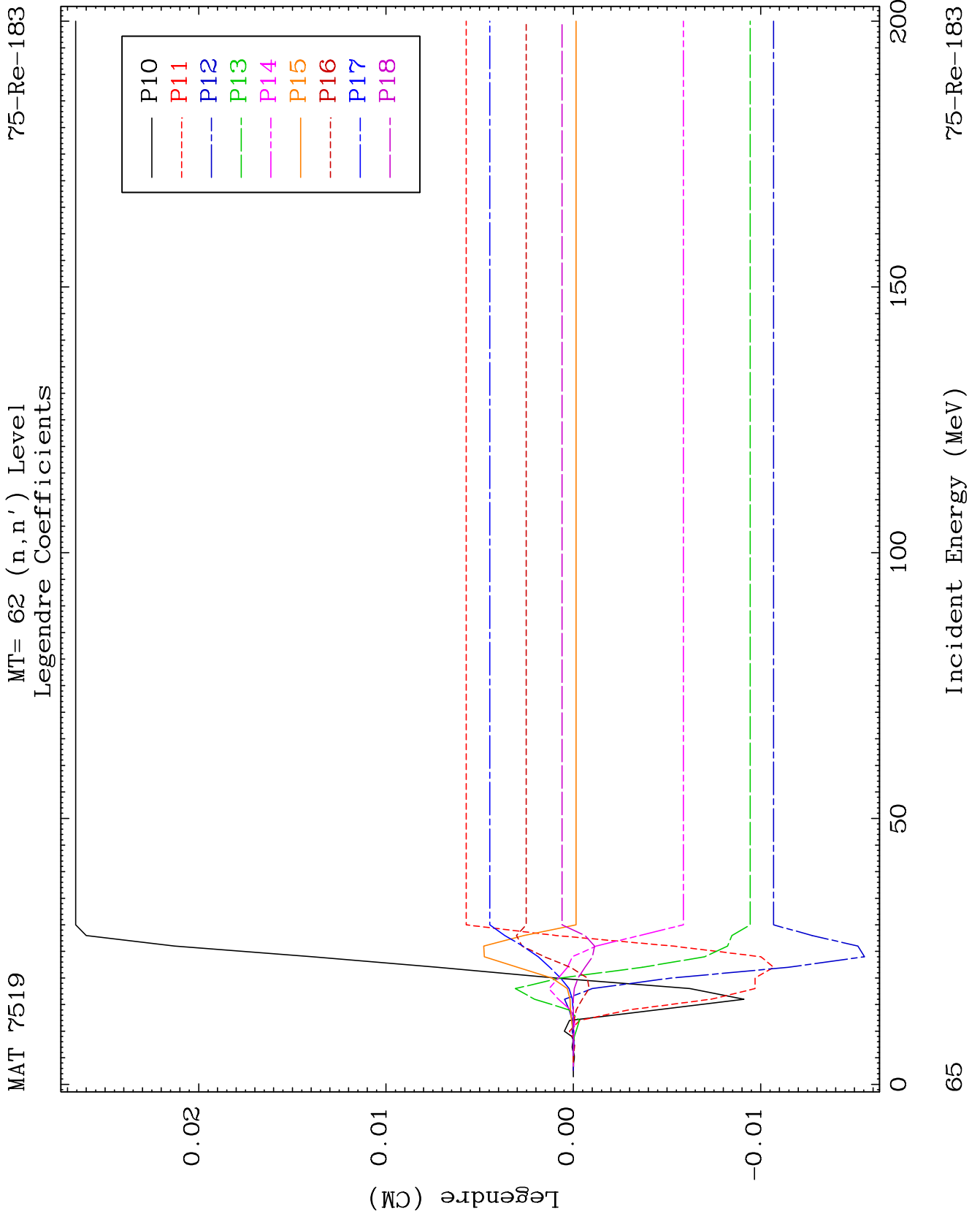
75-Re-183



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Incident Energy (MeV)

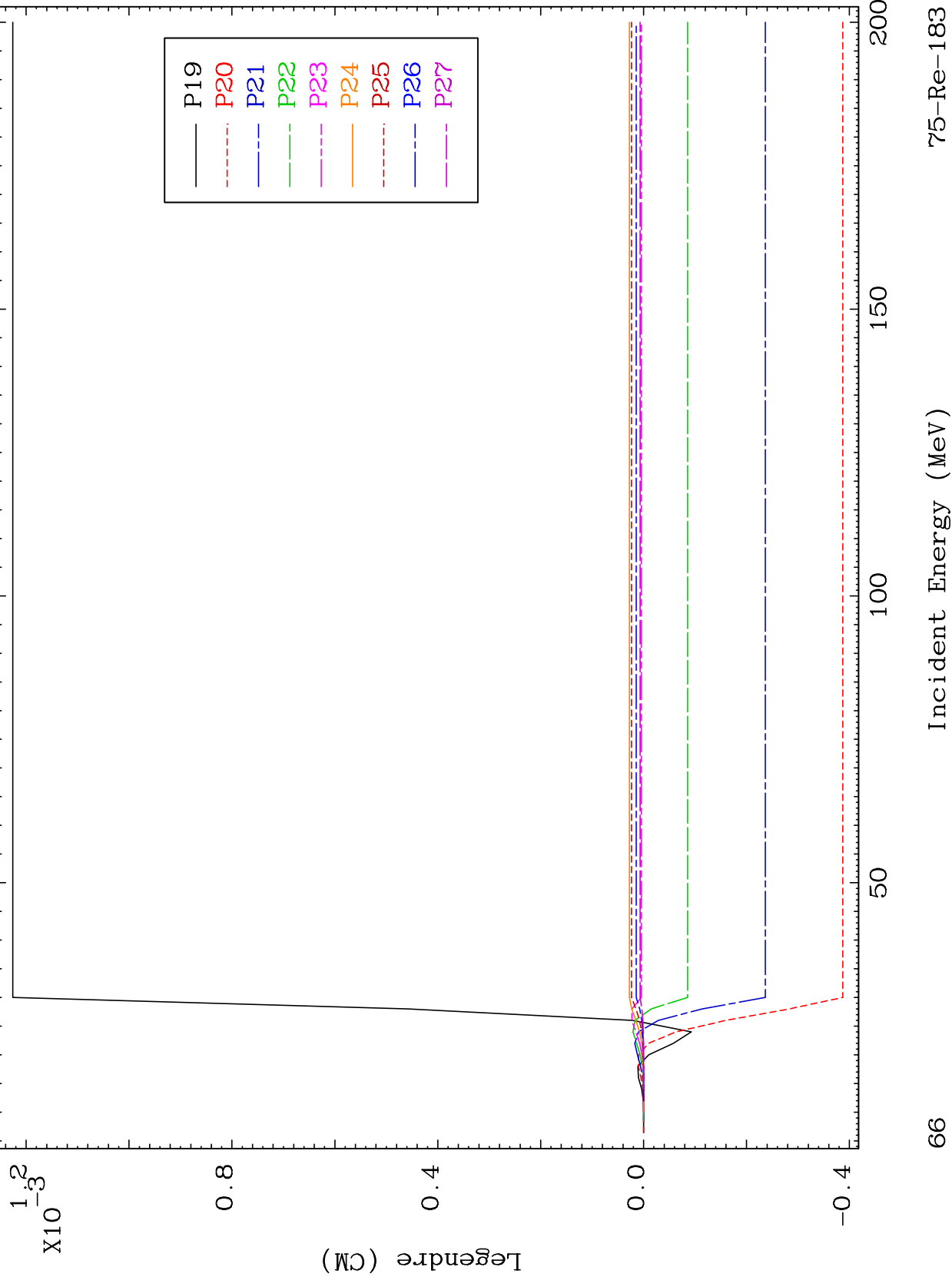
75-Re-183



MAT 7519

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

75-Re-183



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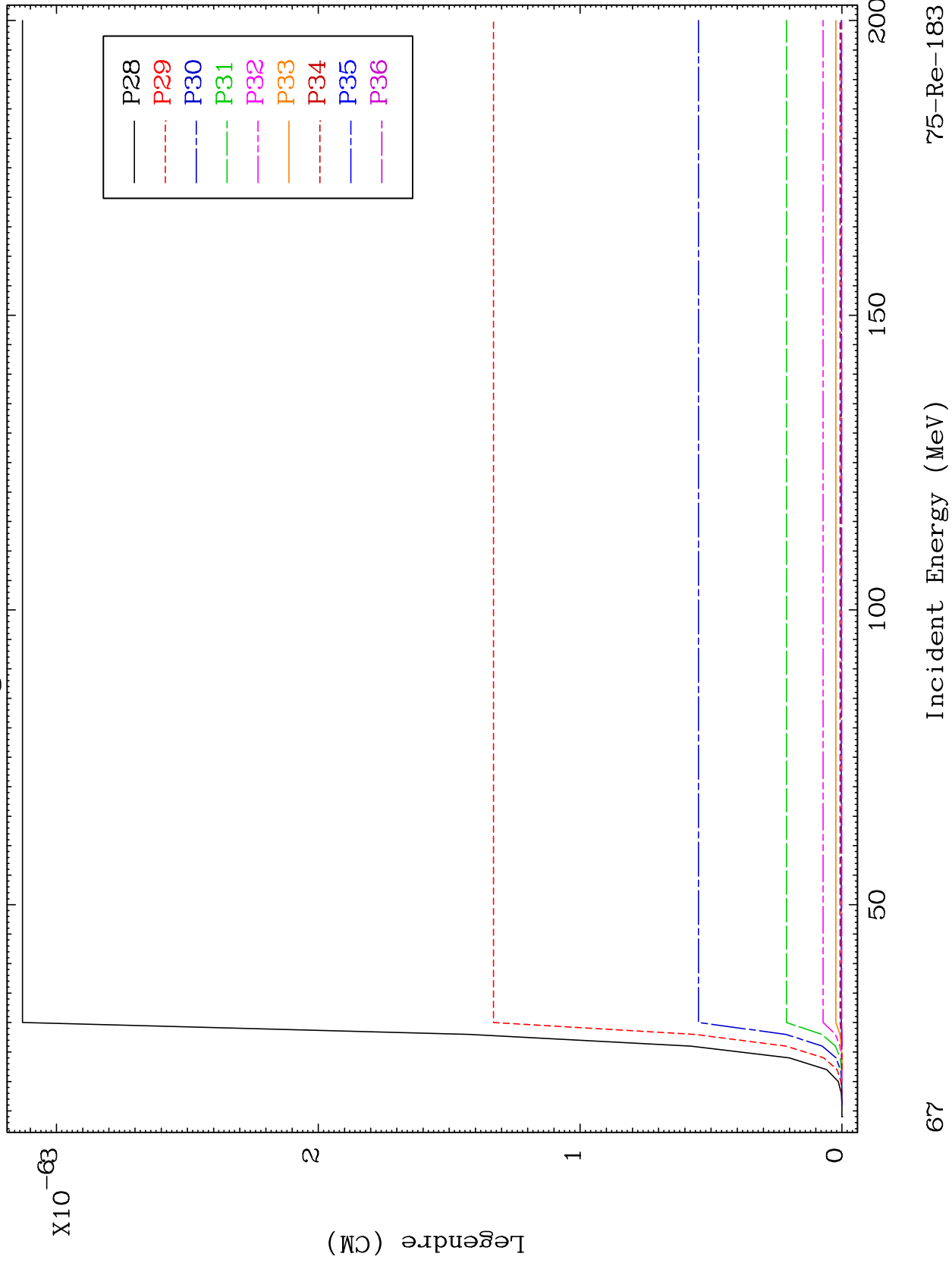
Incident Energy (MeV)

75-Re-183

MAT 7519

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

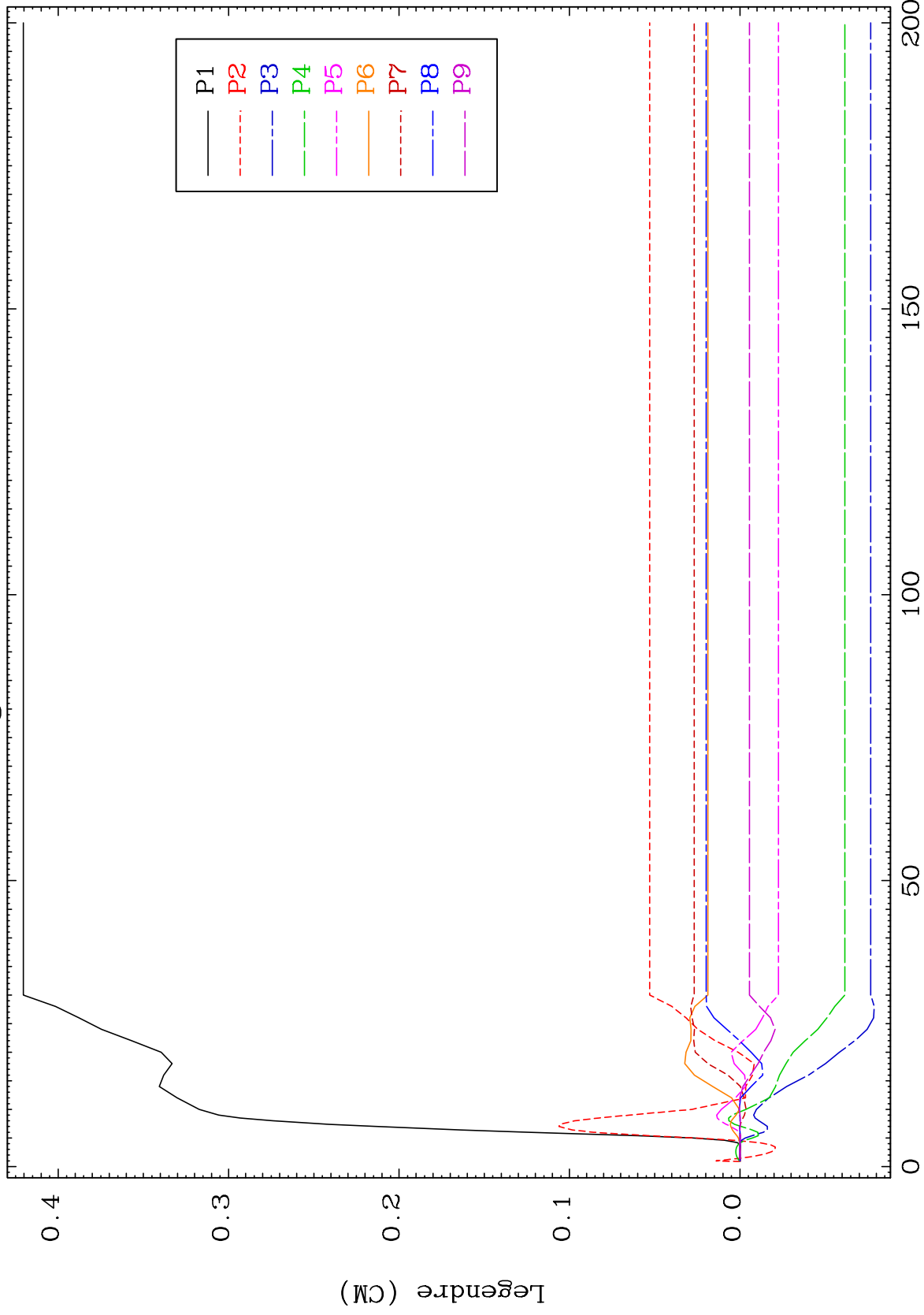
75-Re-183



MAT 7519

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

75-Re-183



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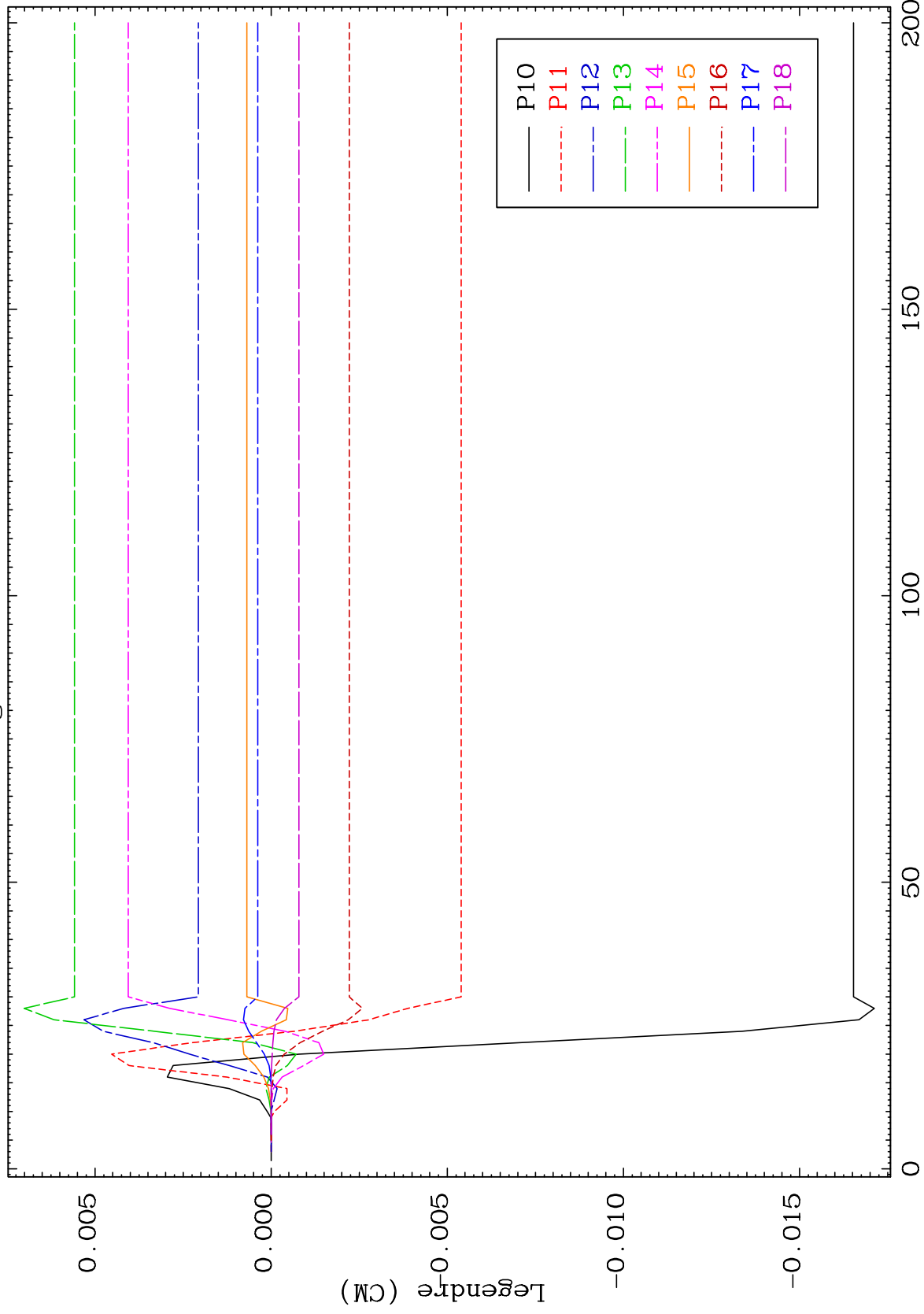
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



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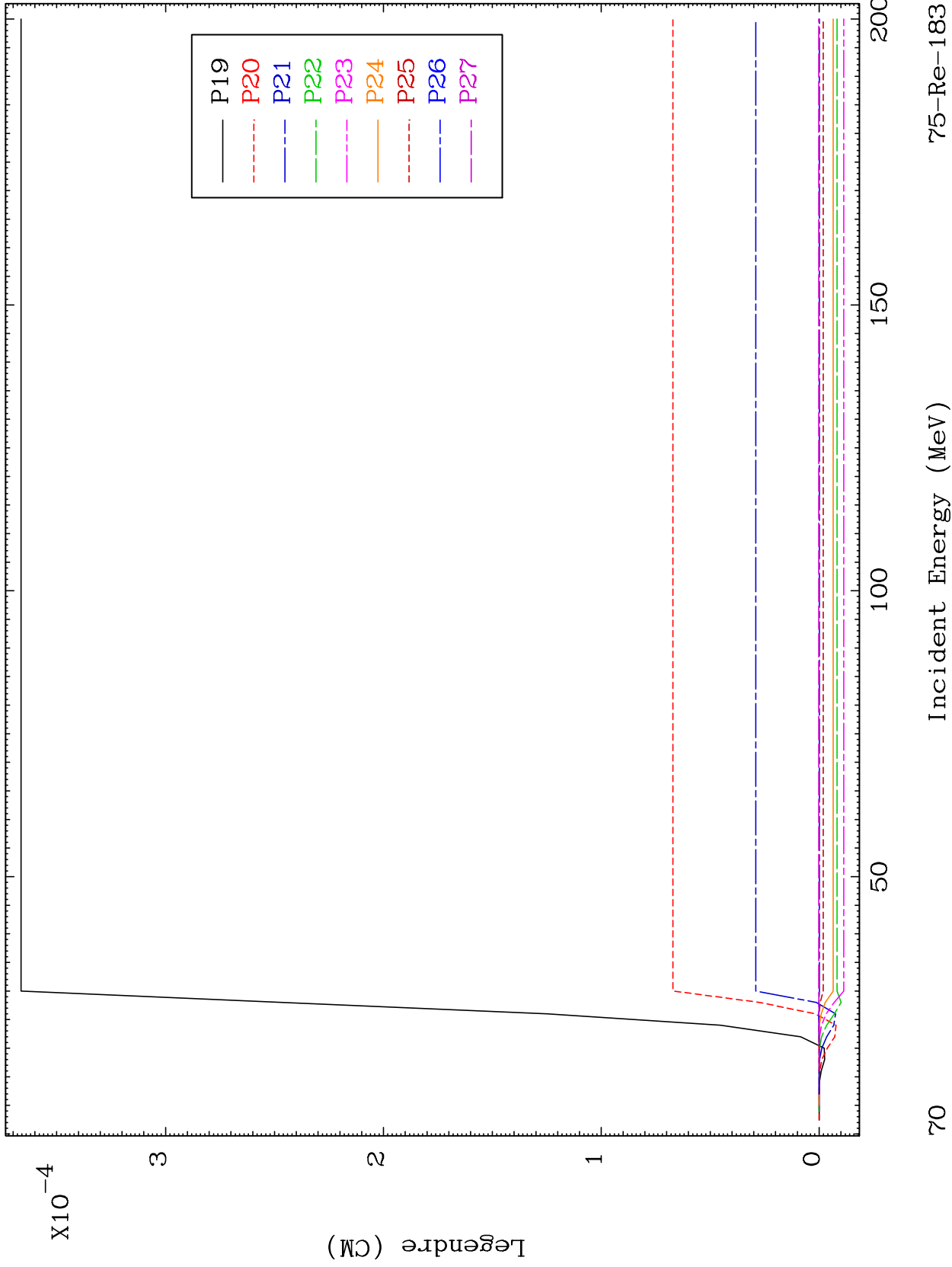
Incident Energy (MeV)

75-Re-183

MAT 7519

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

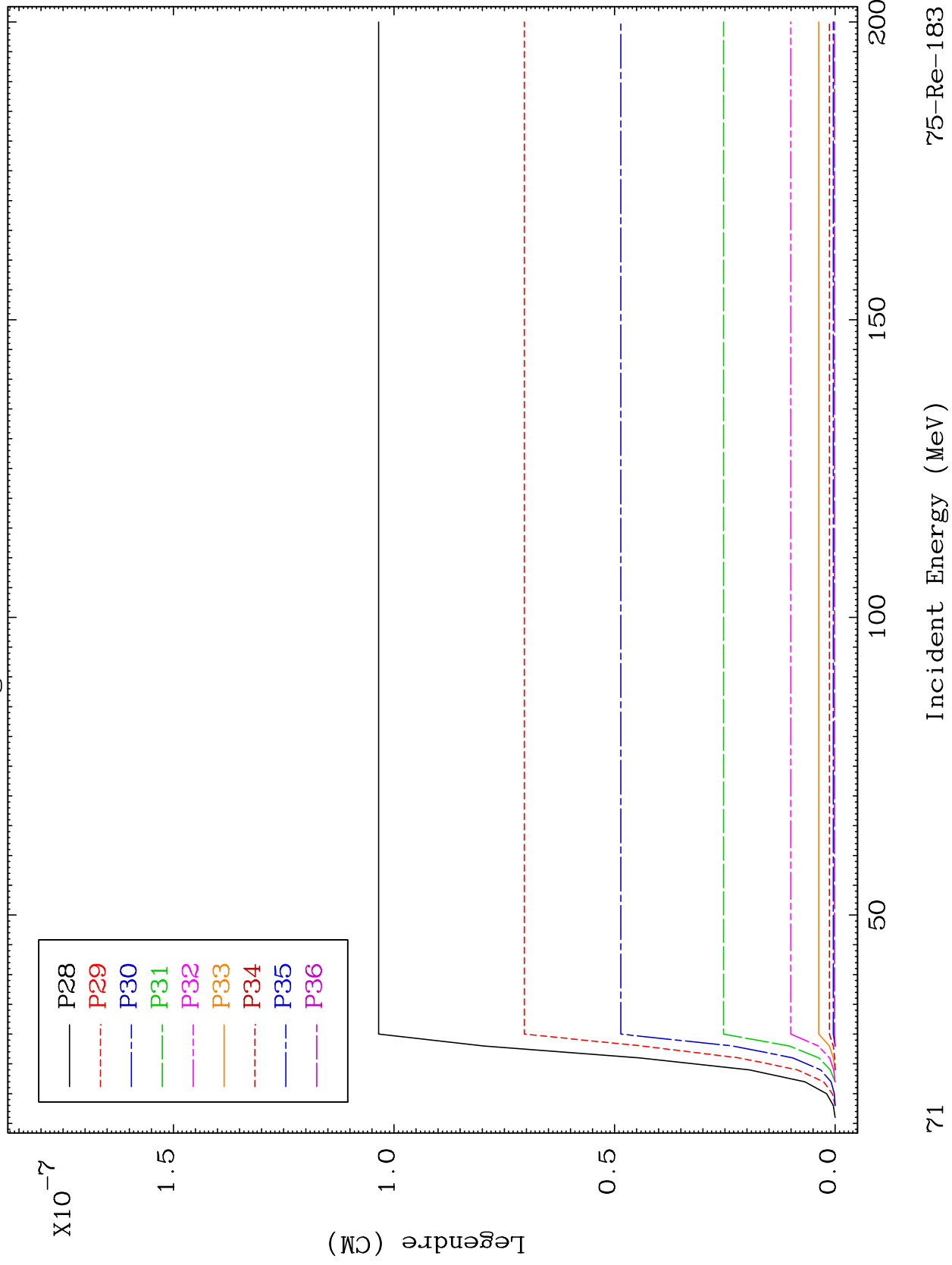
75-Re-183



MAT 7519

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

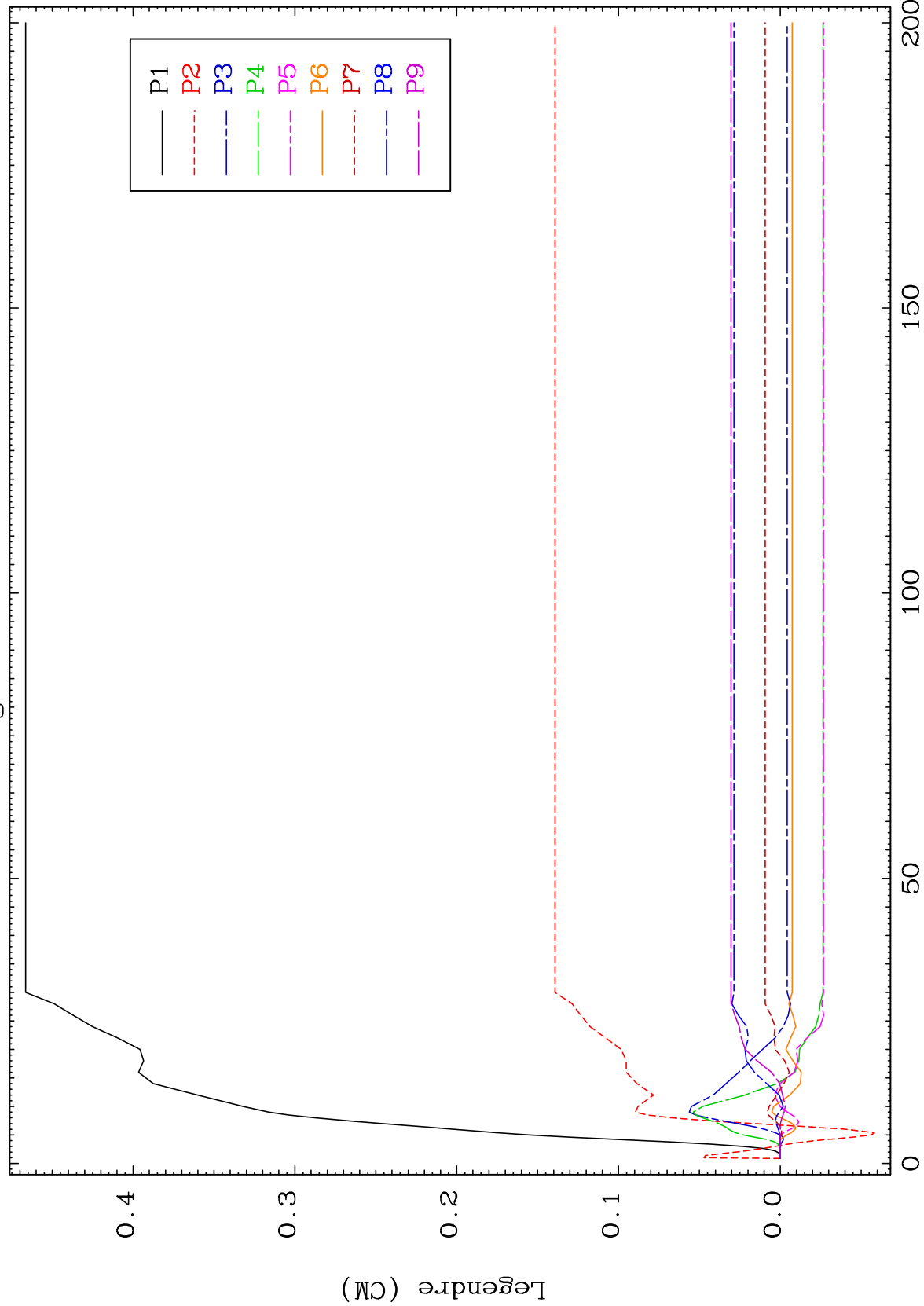
75-Re-183



MAT 7519

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

75-Re-183



72

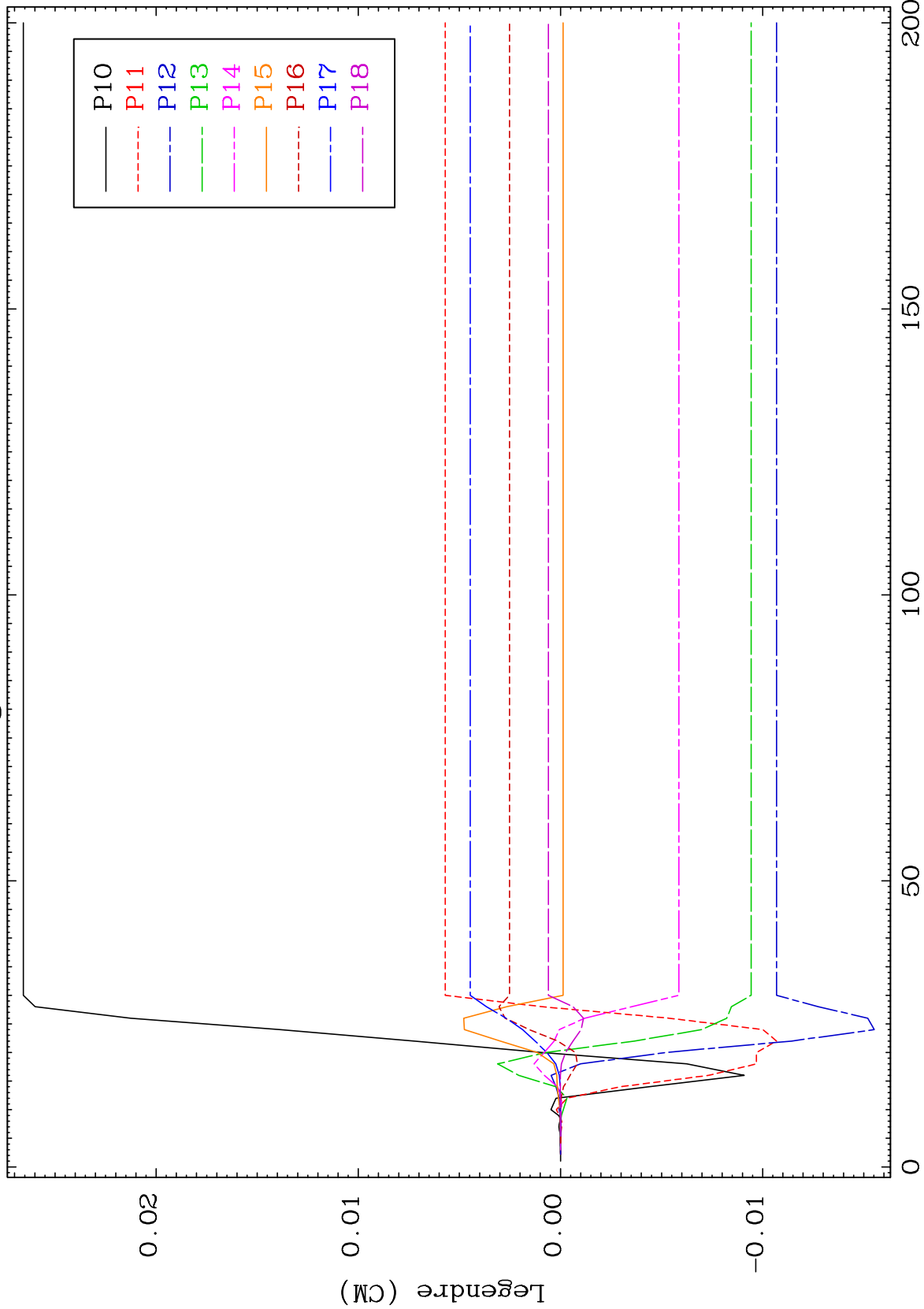
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



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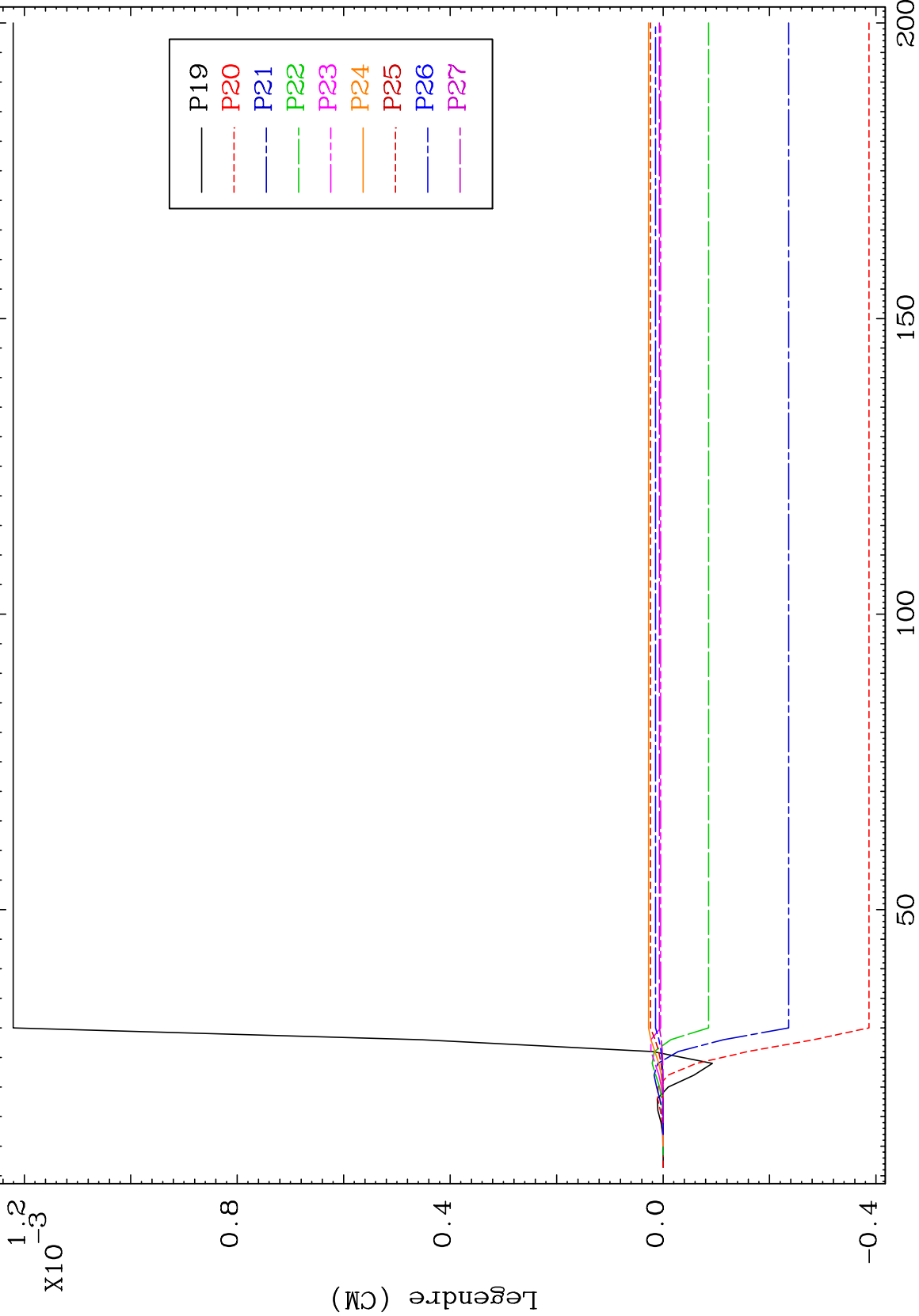
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



74

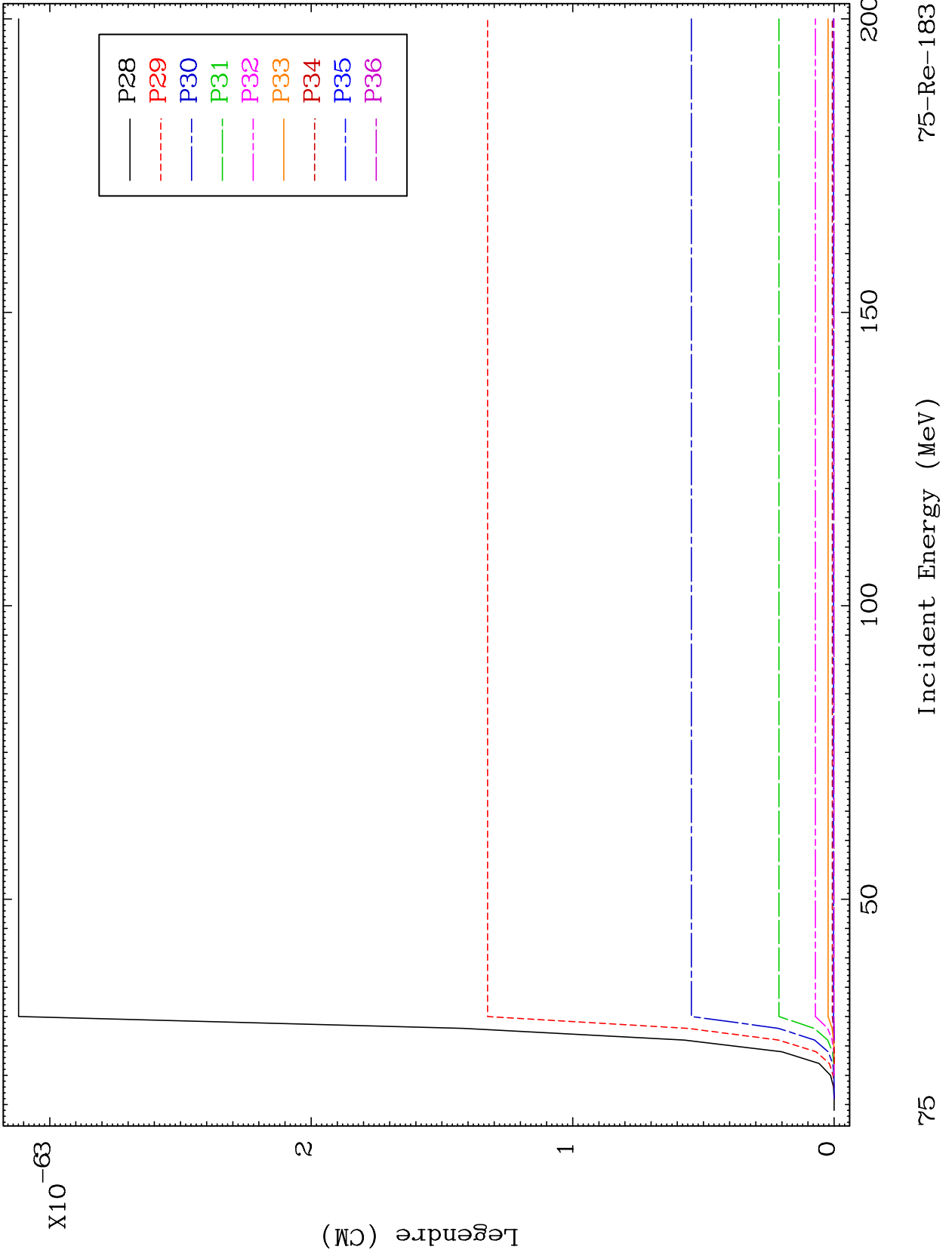
Incident Energy (MeV)

75-Re-183

MAT 7519

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

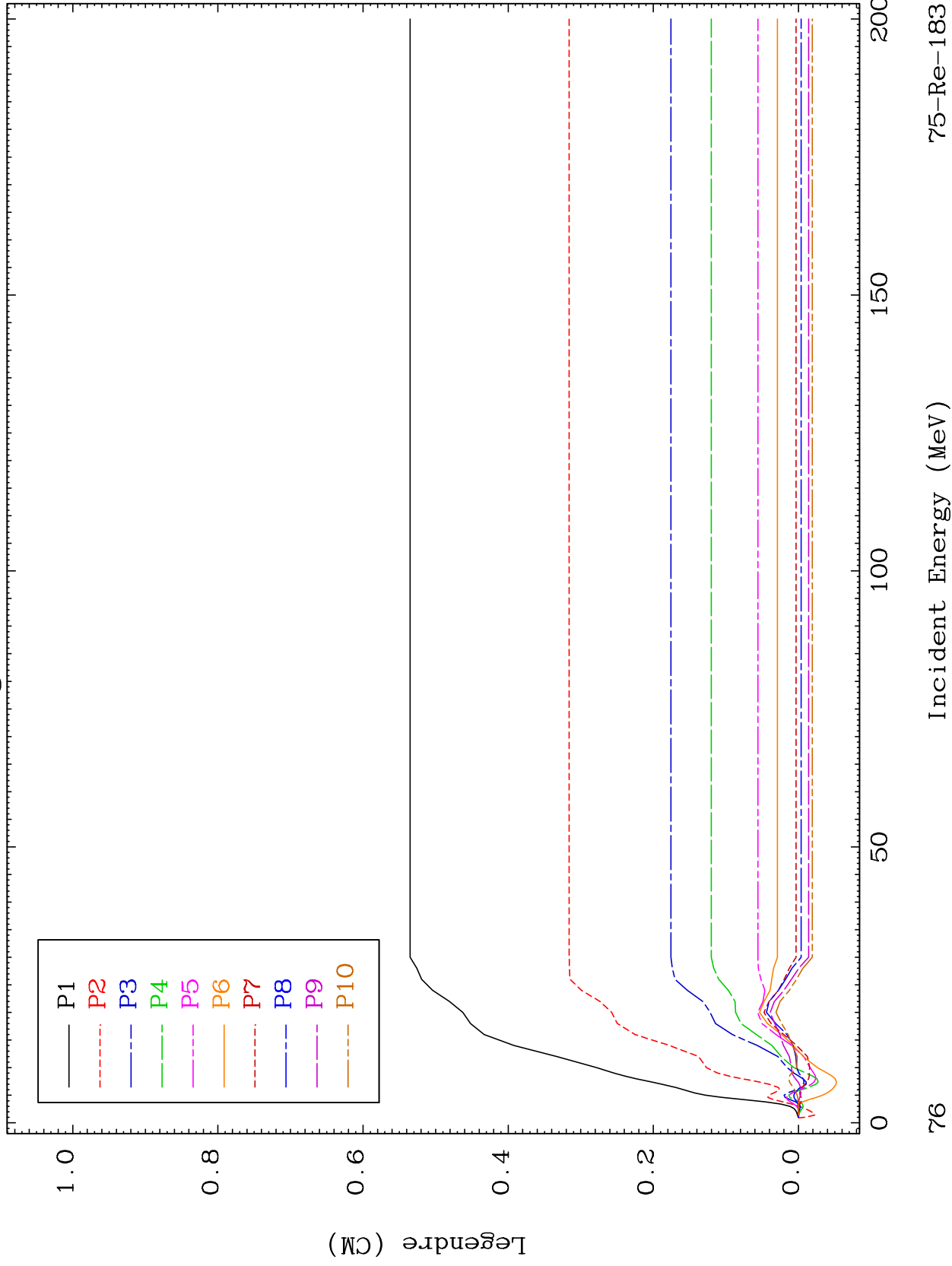
75-Re-183



MAT 7519

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

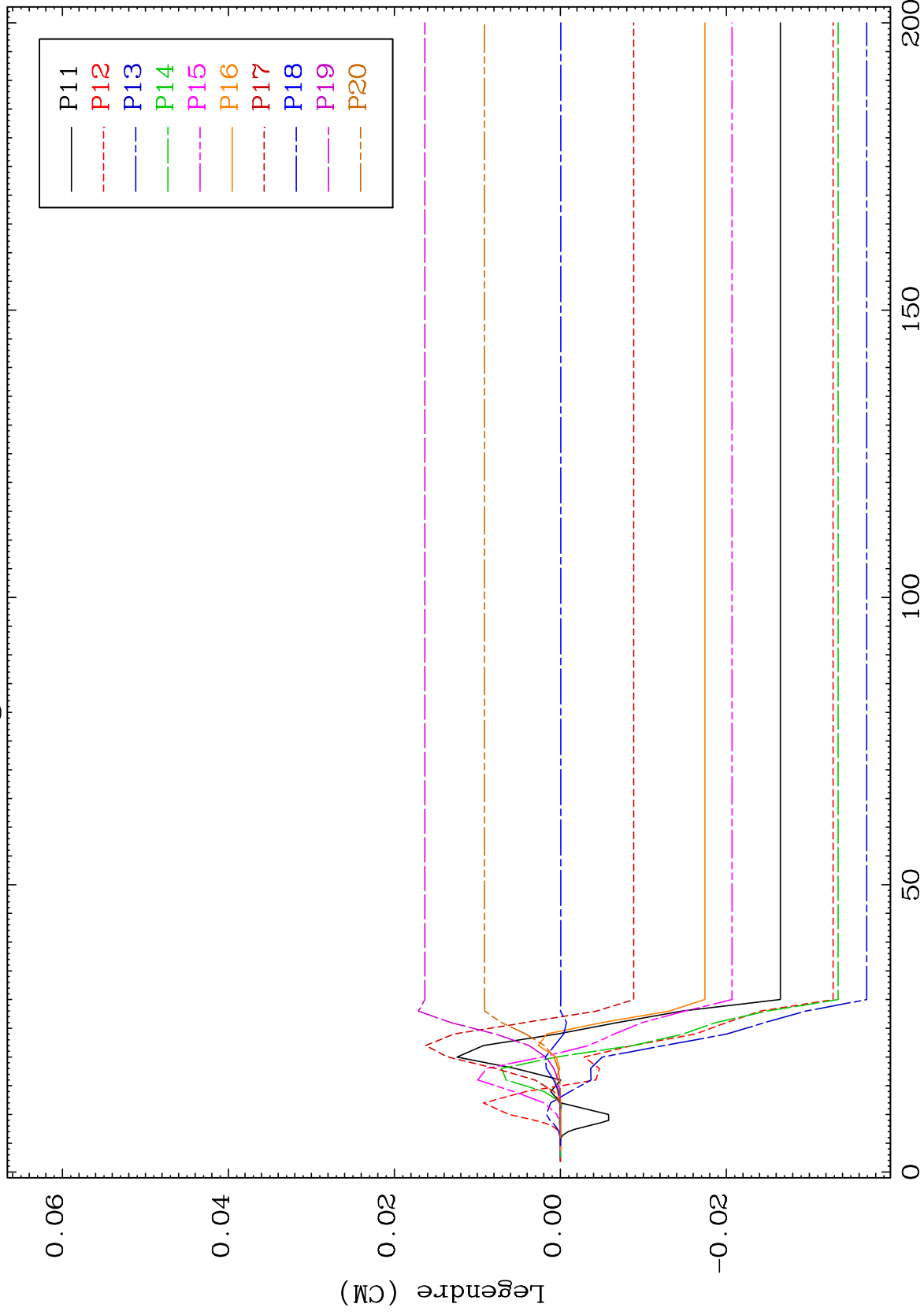
75-Re-183



MAT 7519

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

75-Re-183



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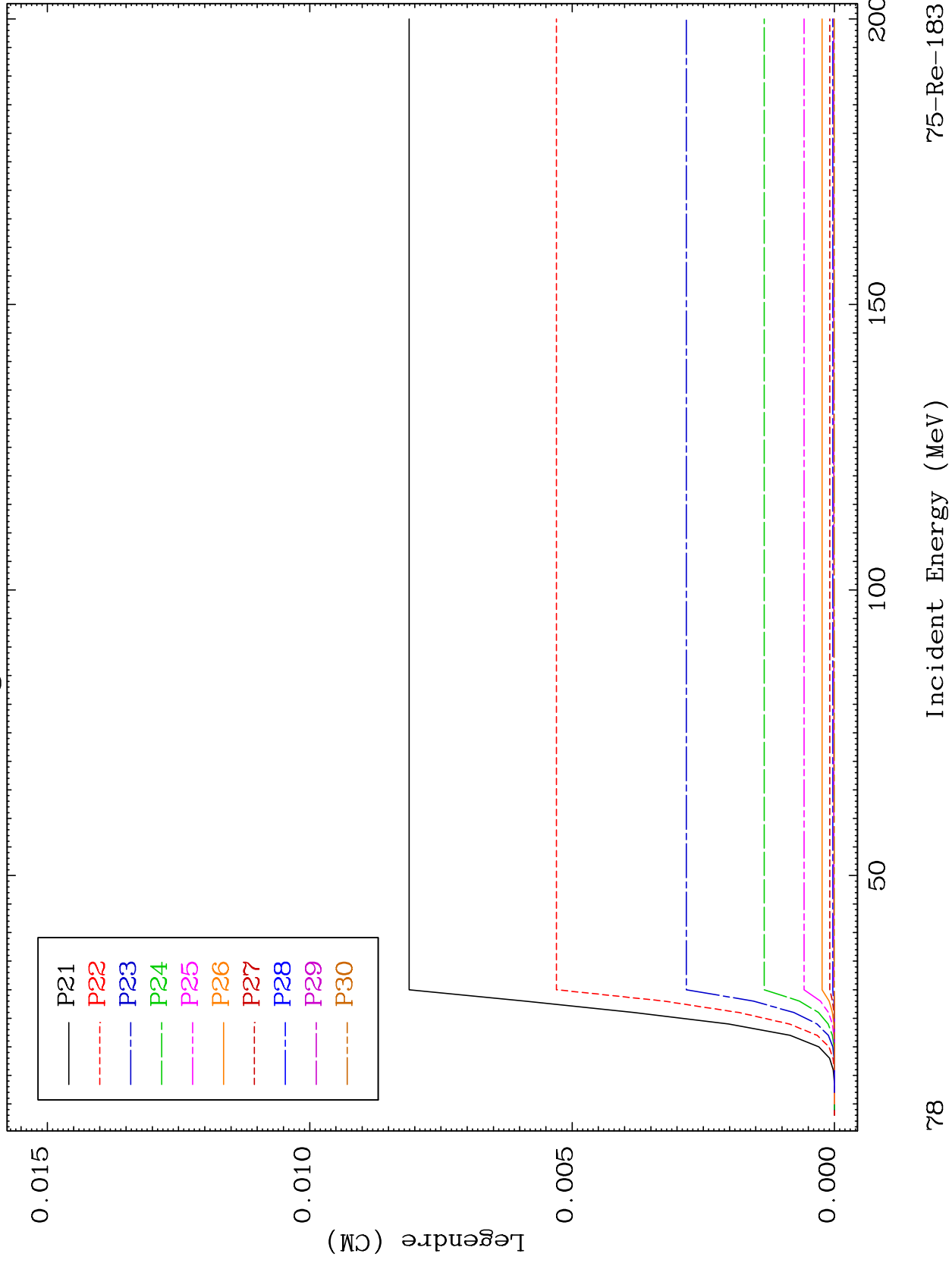
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



78

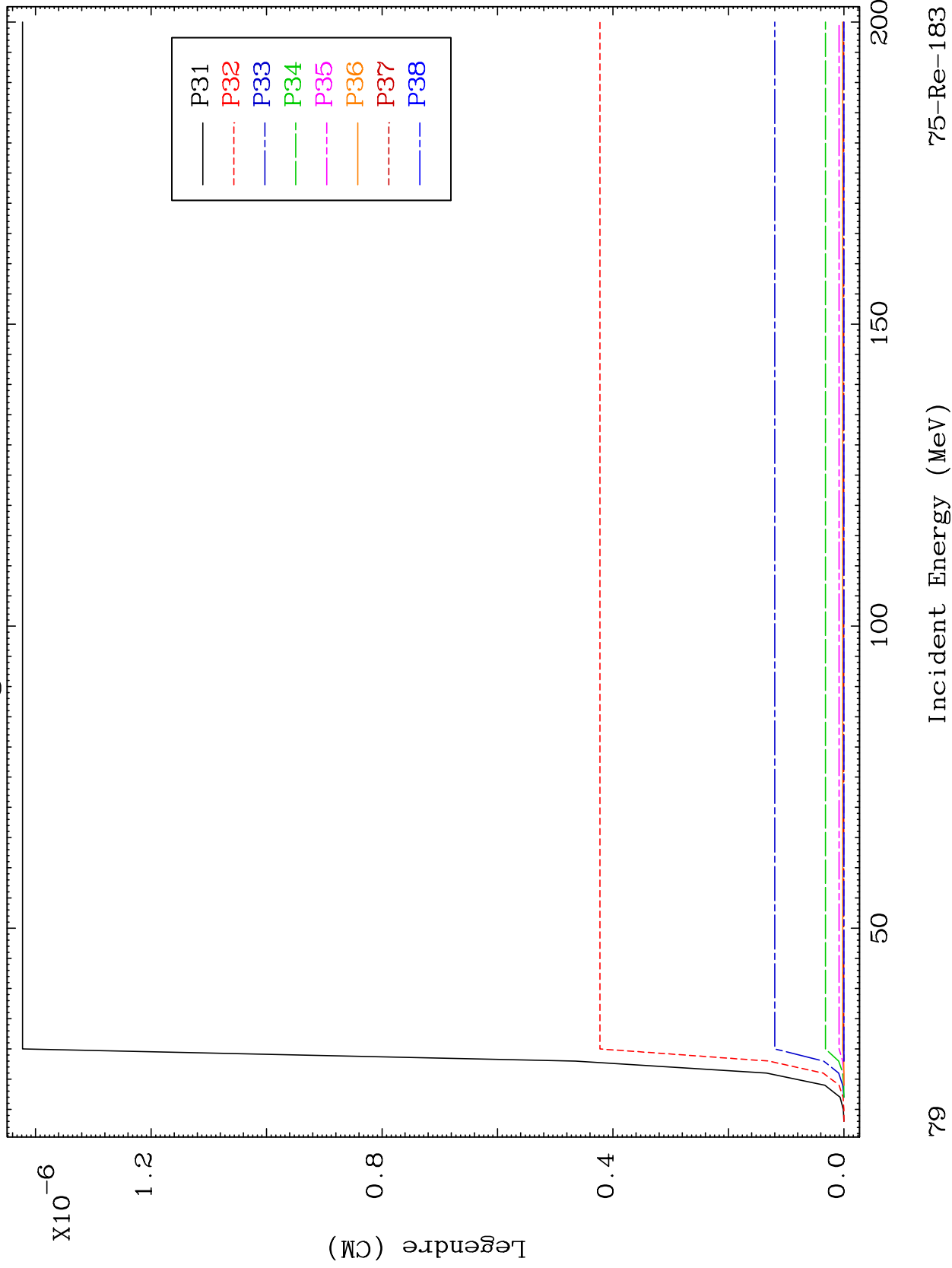
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183

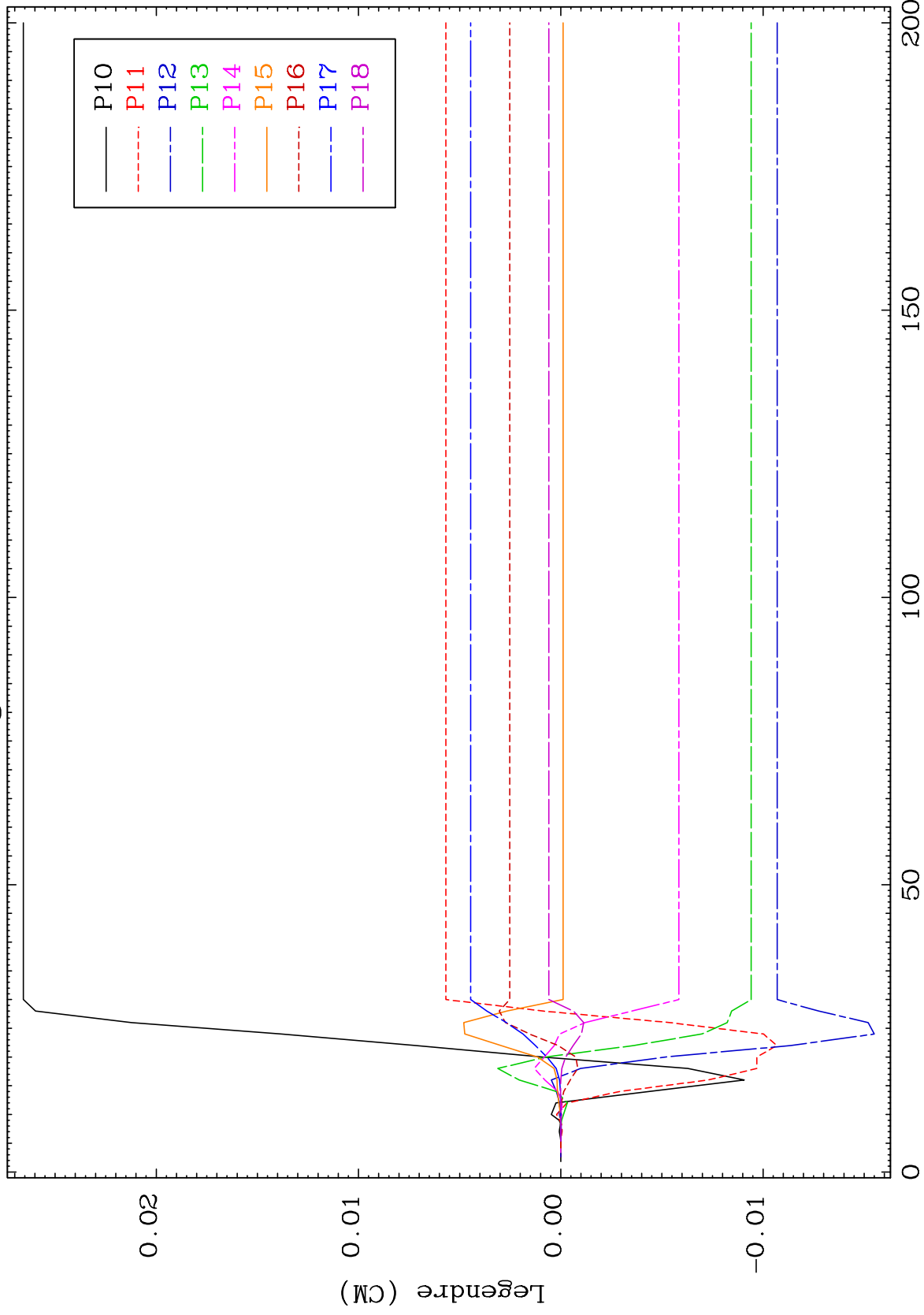


79

MAT 7519

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

75-Re-183



81

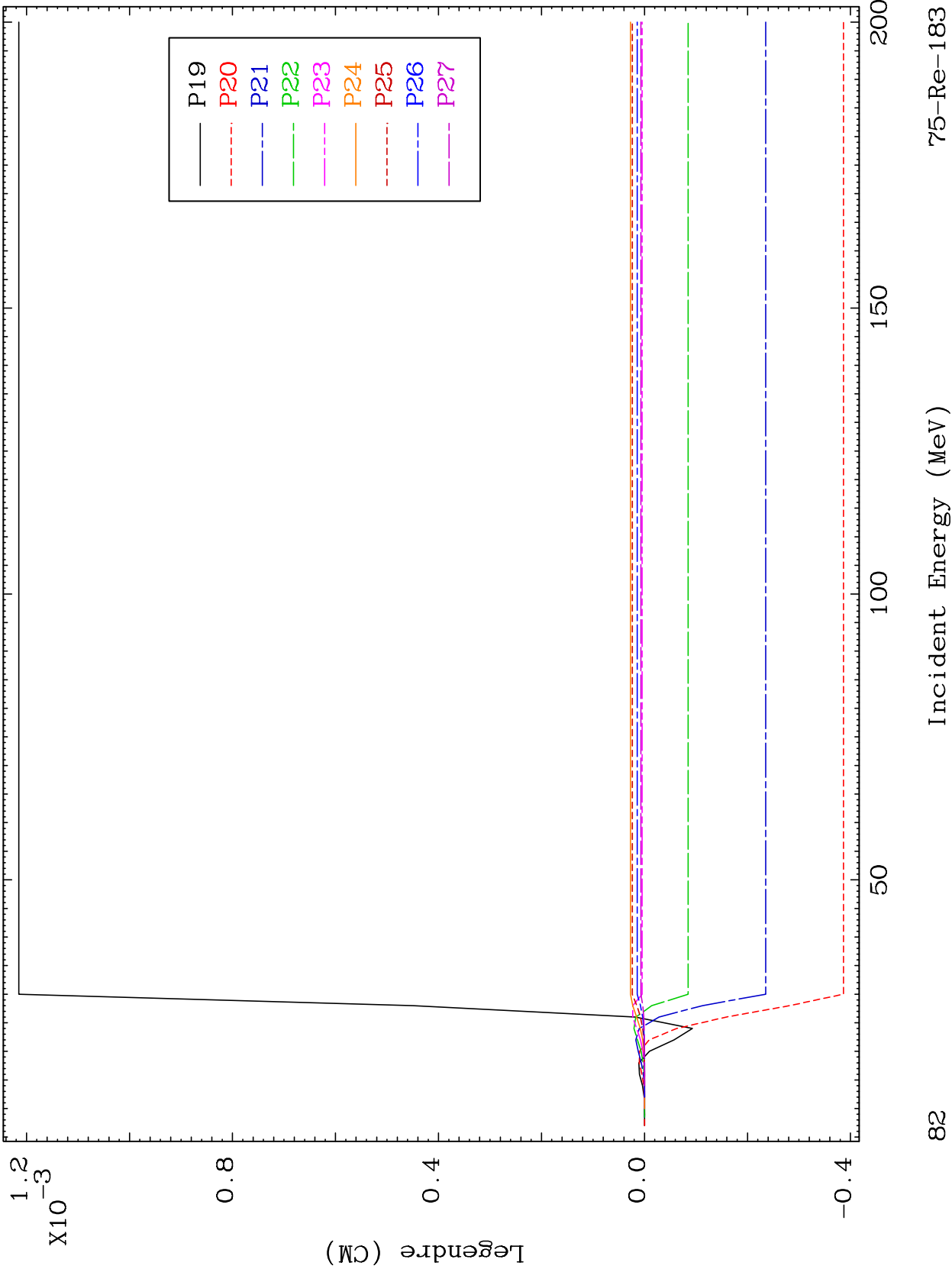
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



82

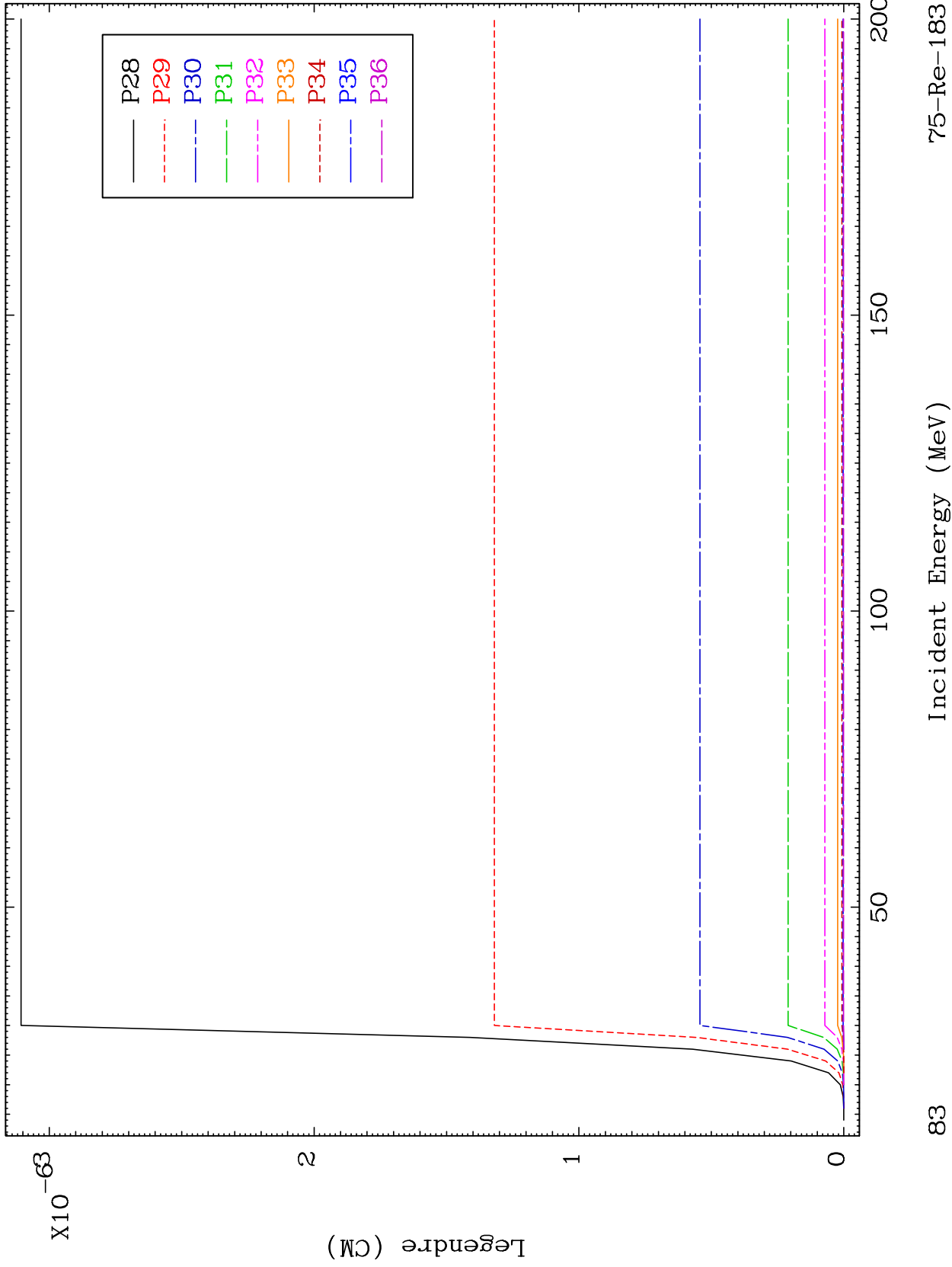
Incident Energy (MeV)

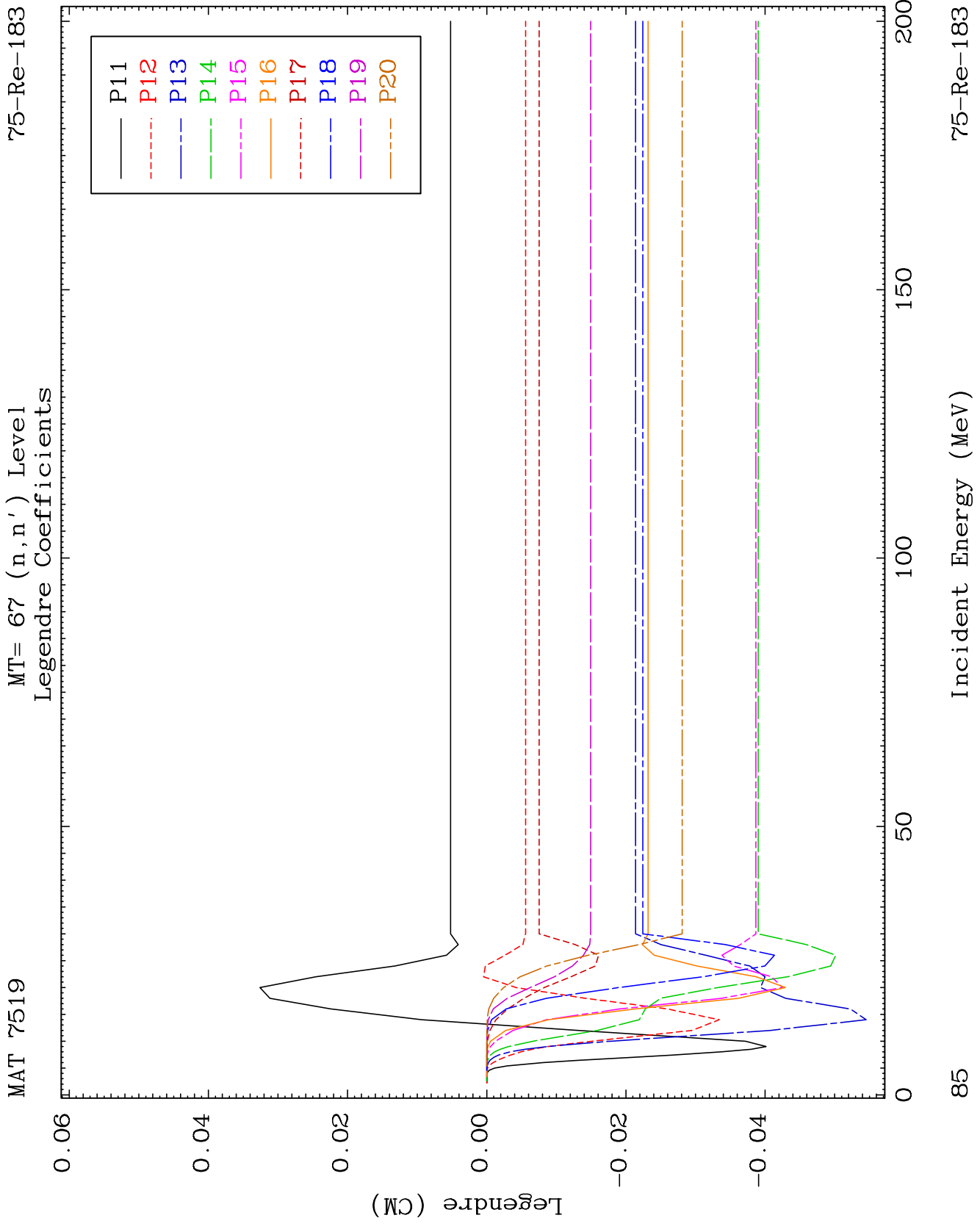
75-Re-183

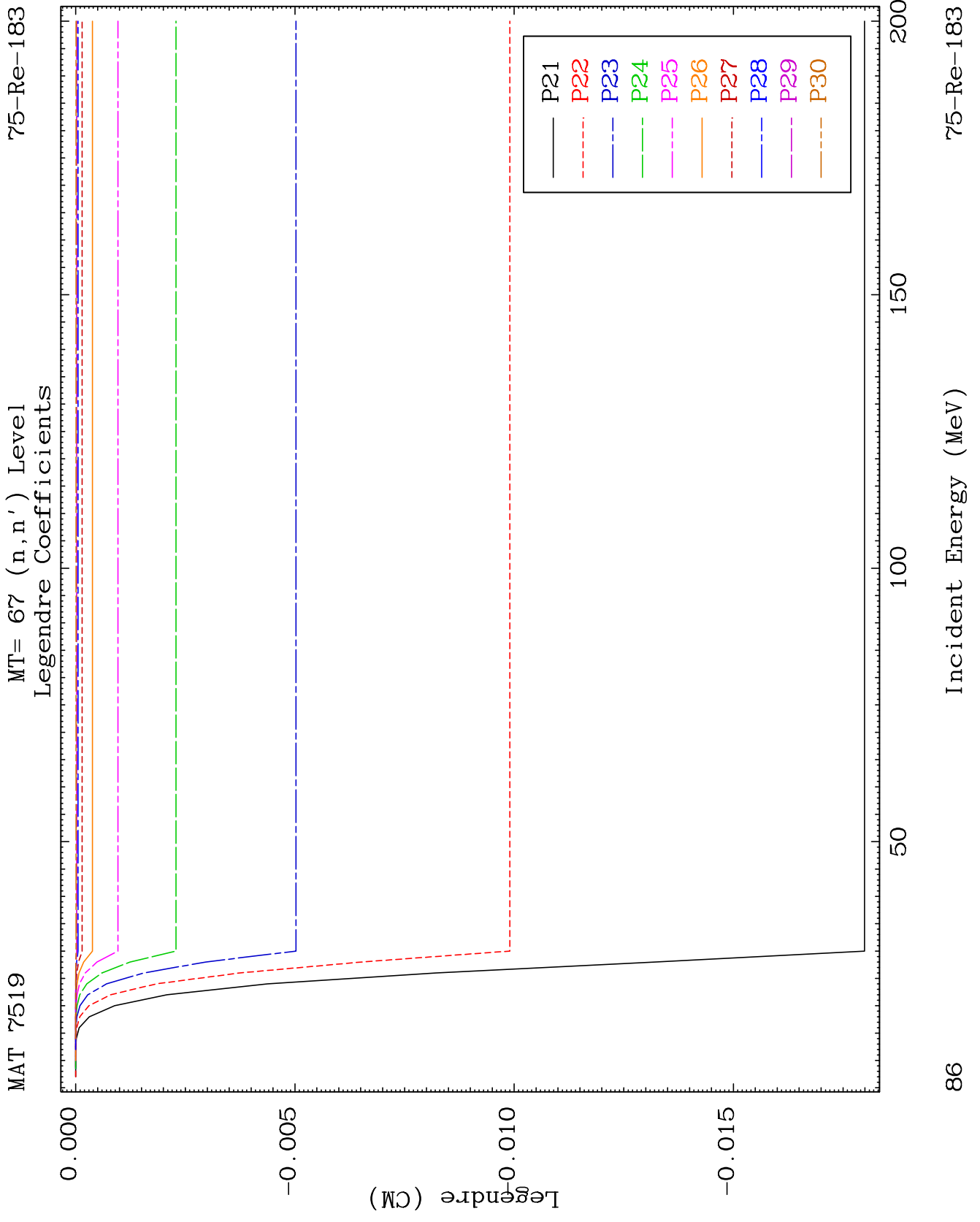
MAT 7519

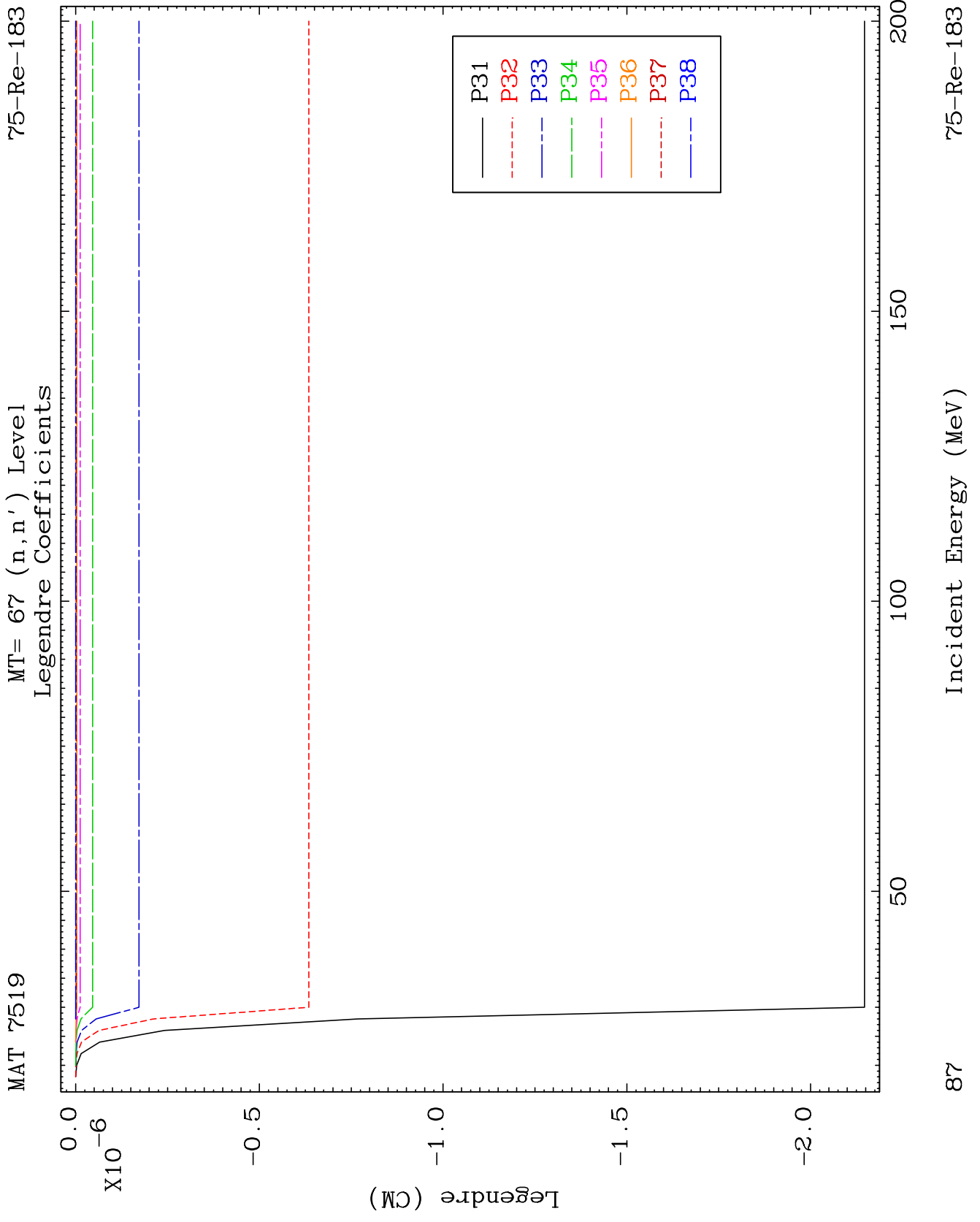
MT= 66 (n,n') Level
Legendre Coefficients

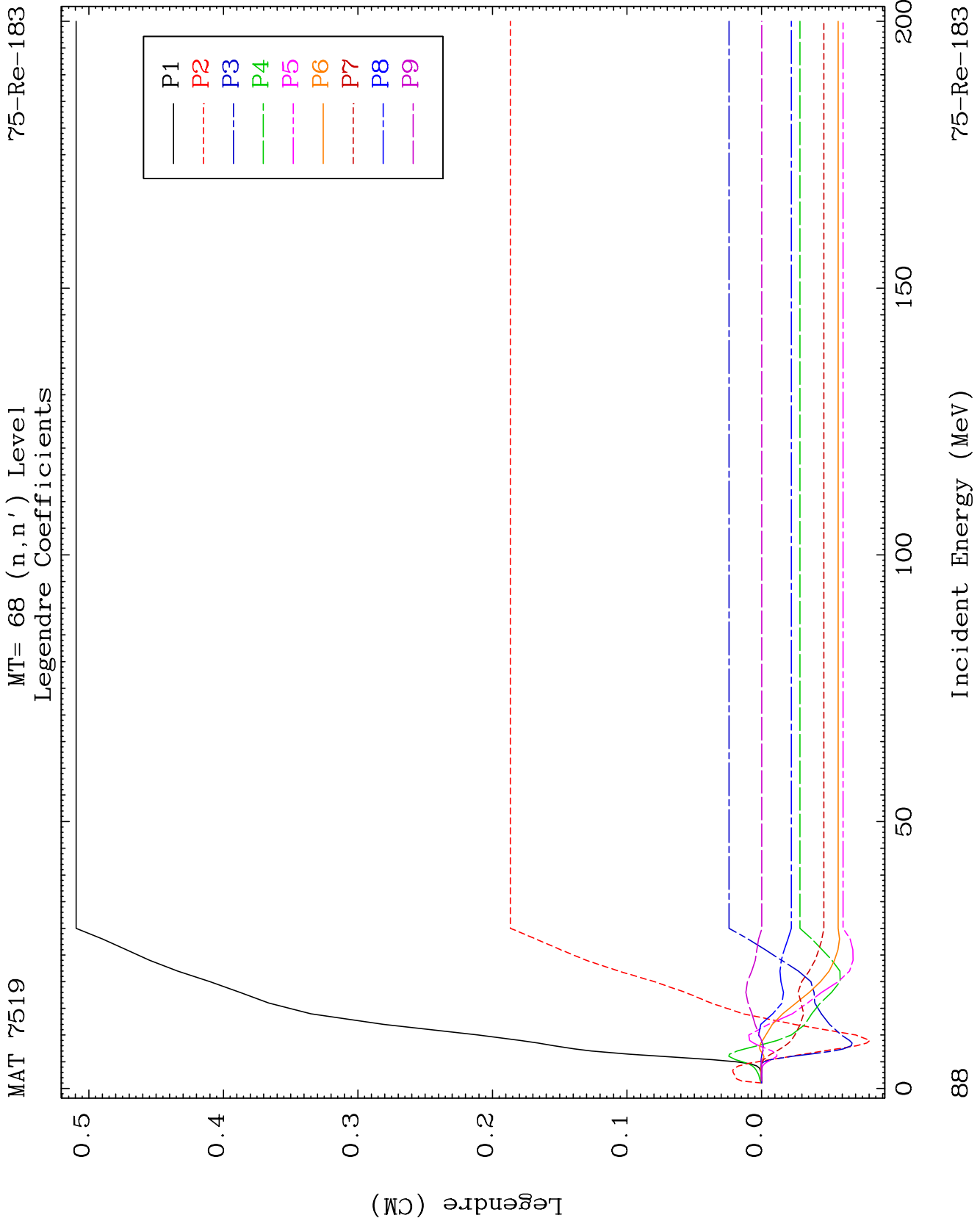
75-Re-183







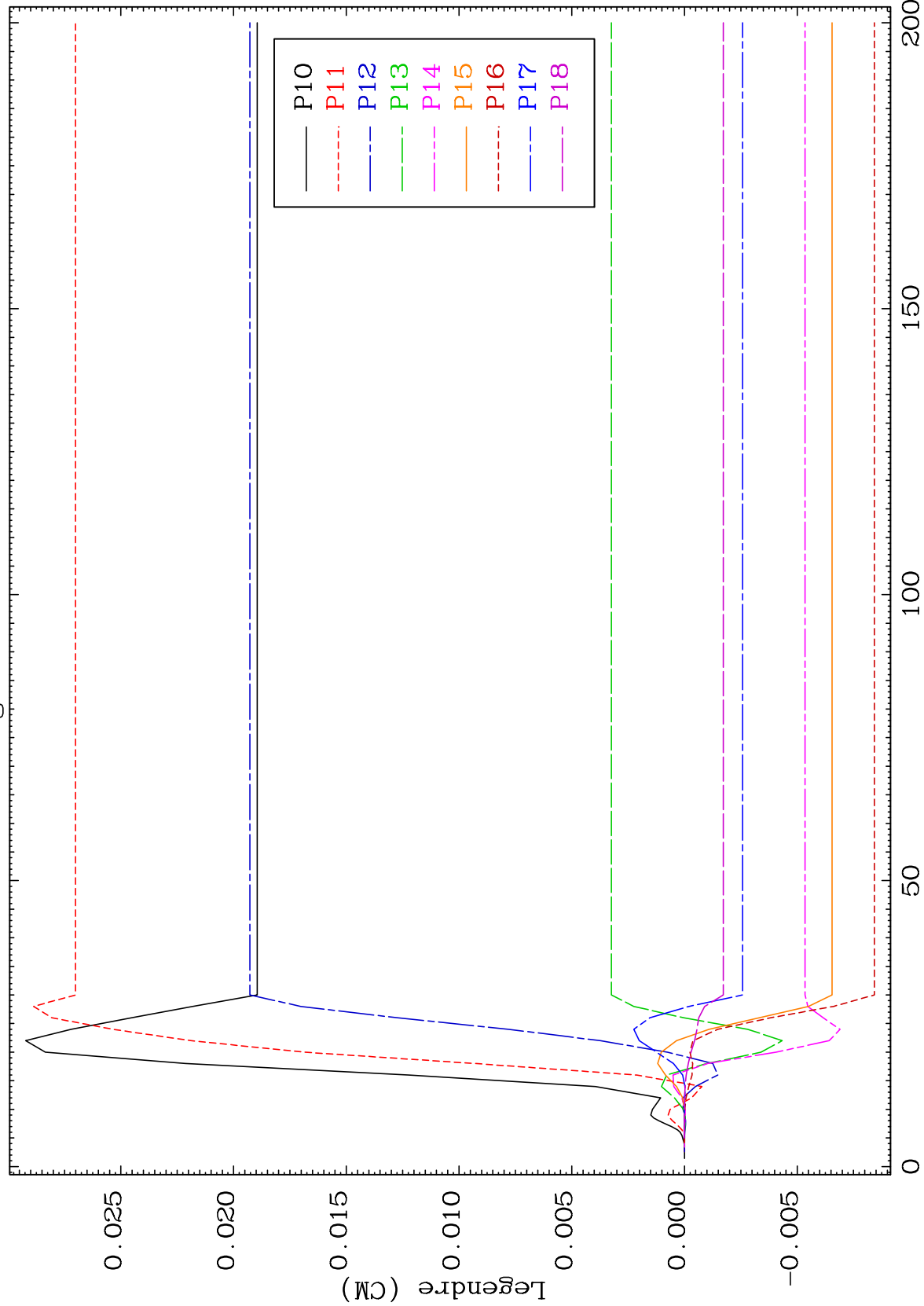




MAT 7519

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

75-Re-183



89

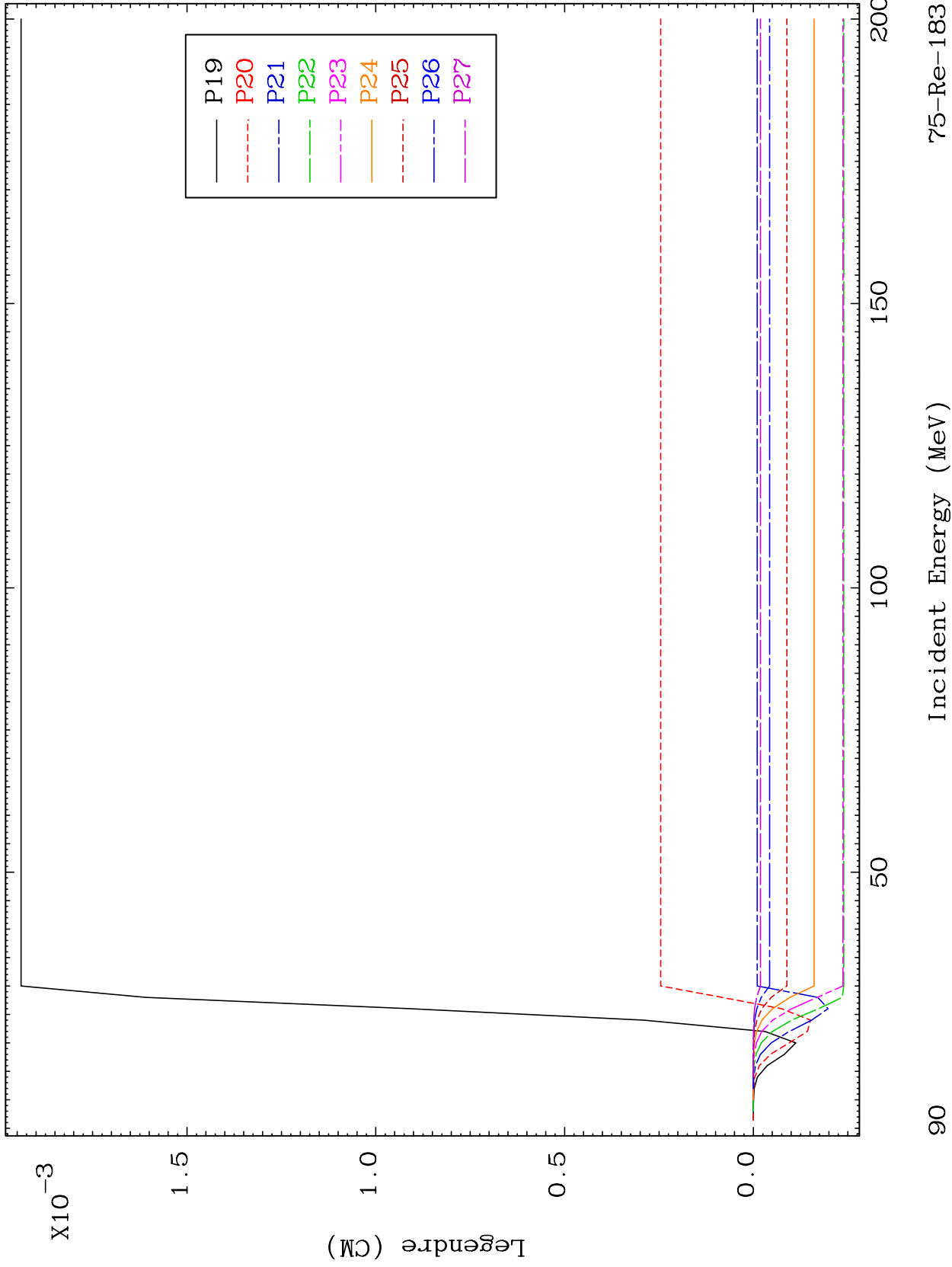
Incident Energy (MeV)

75-Re-183

MAT 7519

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

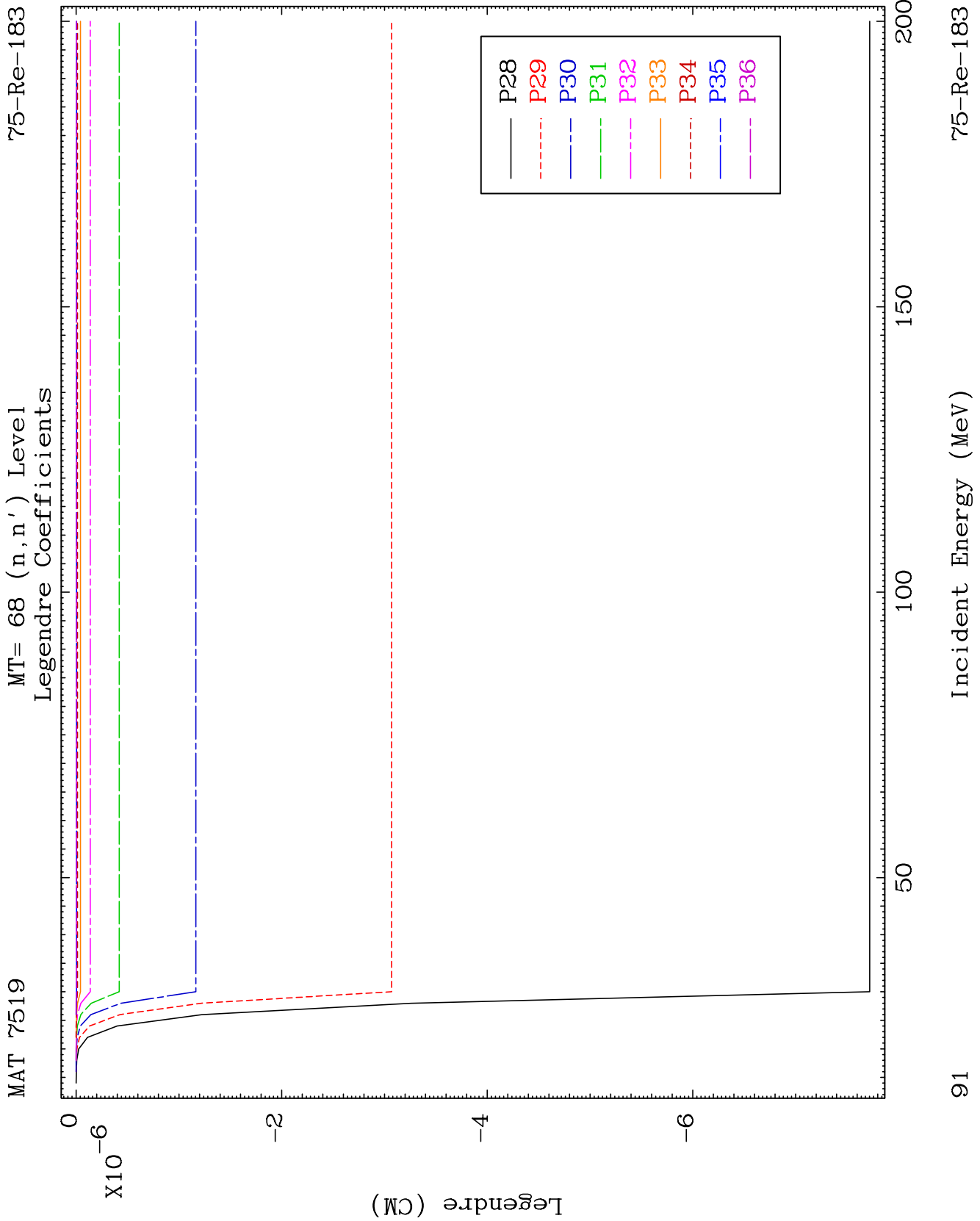
75-Re-183

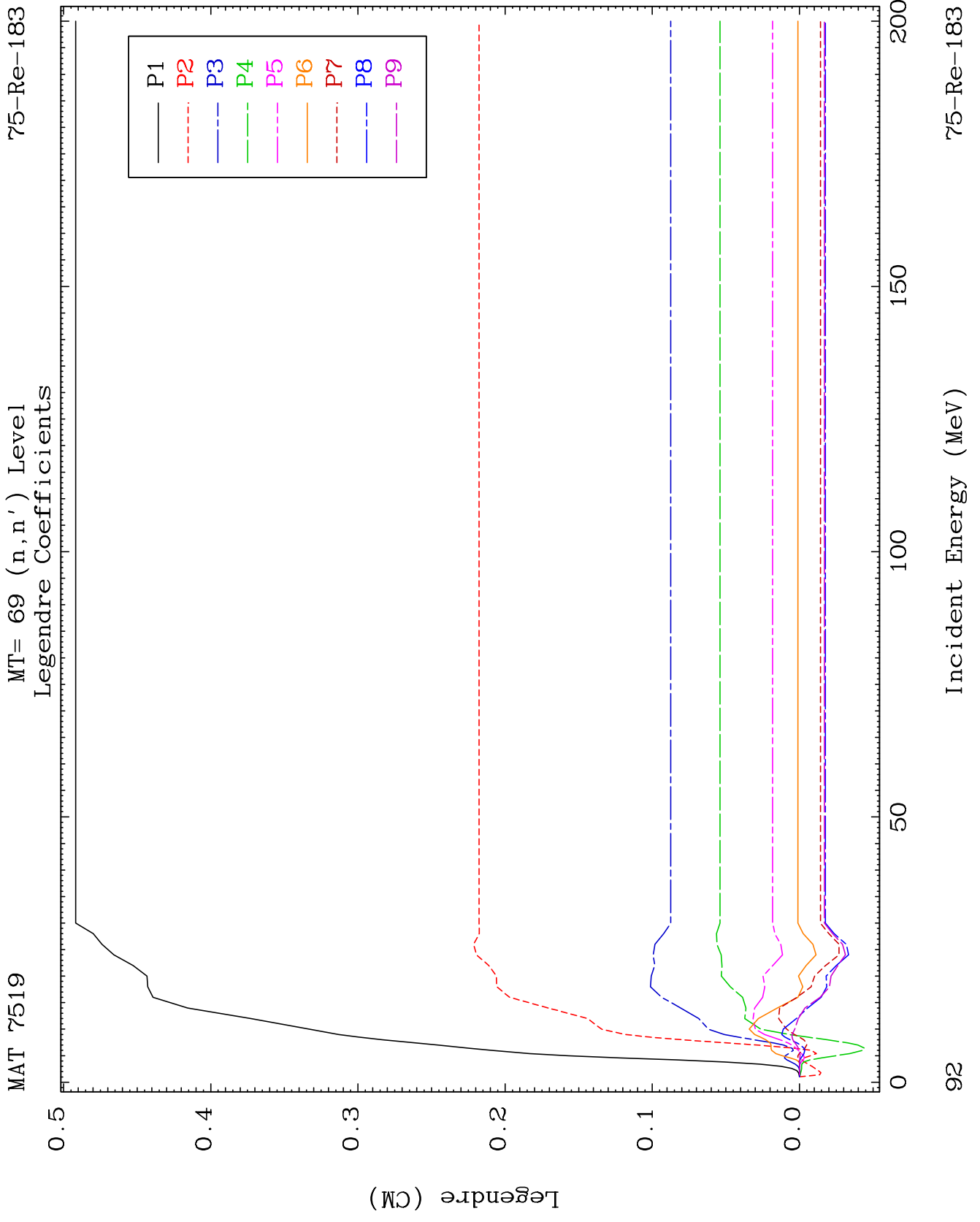


90

Incident Energy (MeV)

75-Re-183

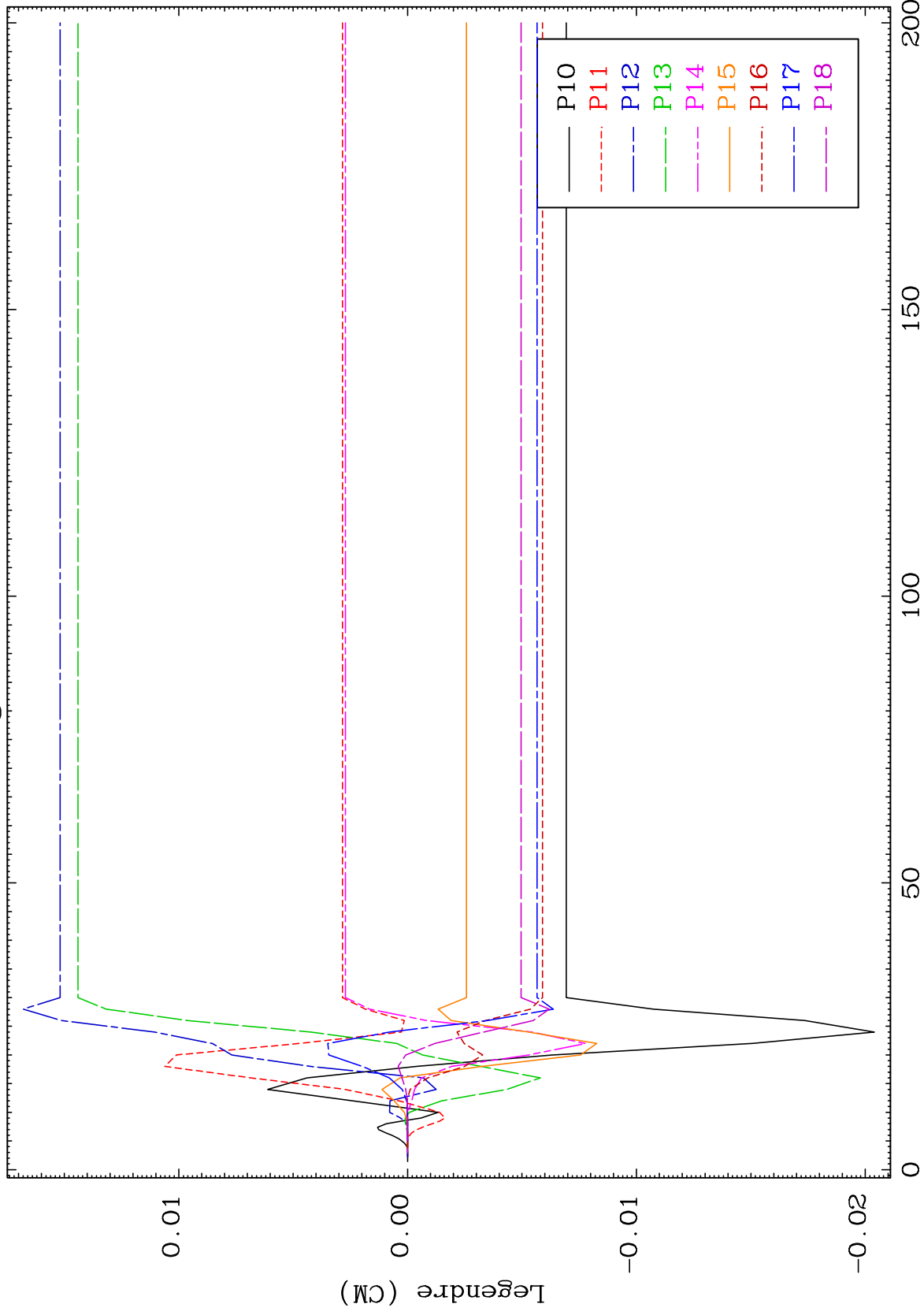




MAT 7519

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

75-Re-183



93

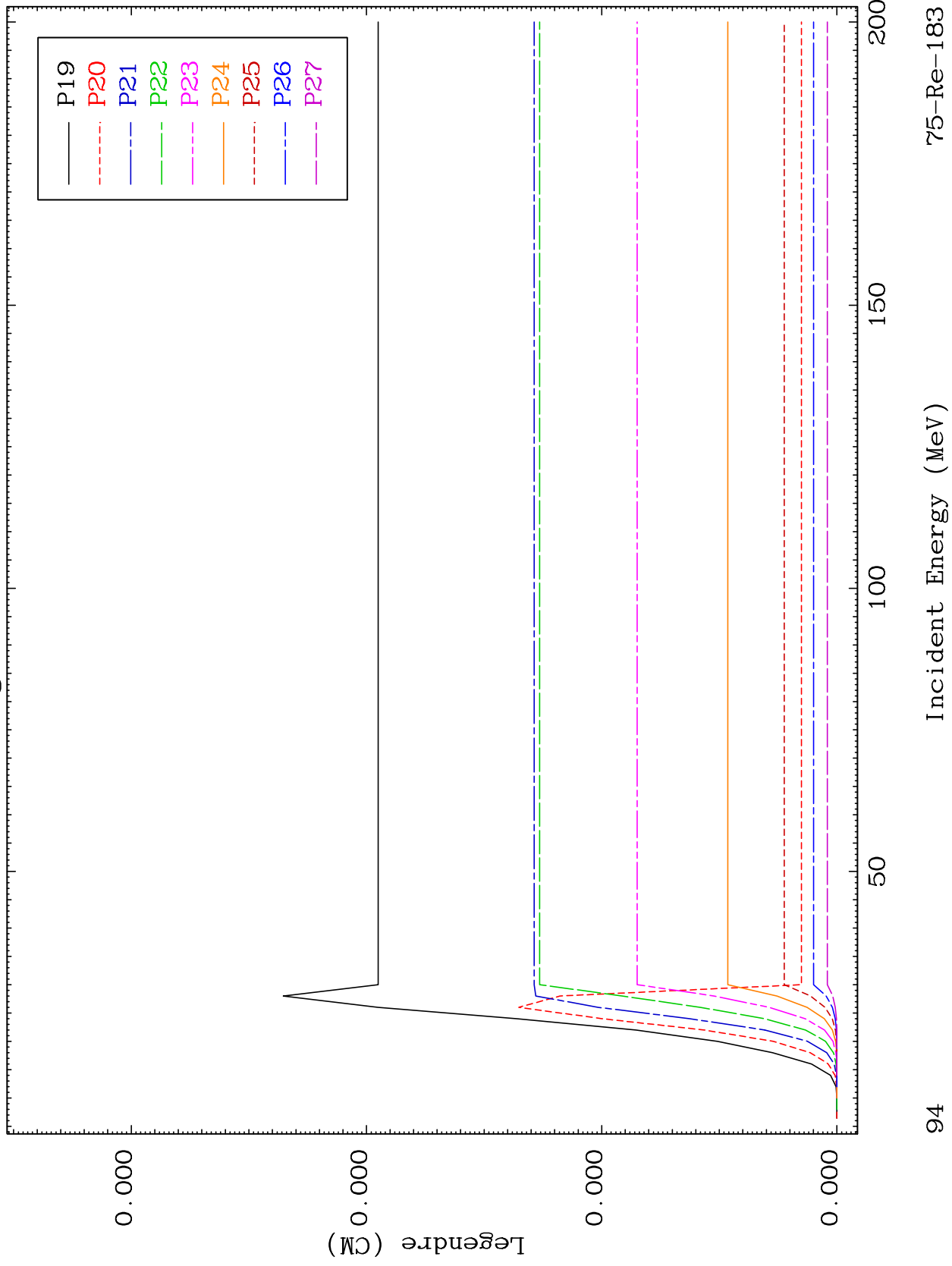
Incident Energy (MeV)

75-Re-183

MAT 7519

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

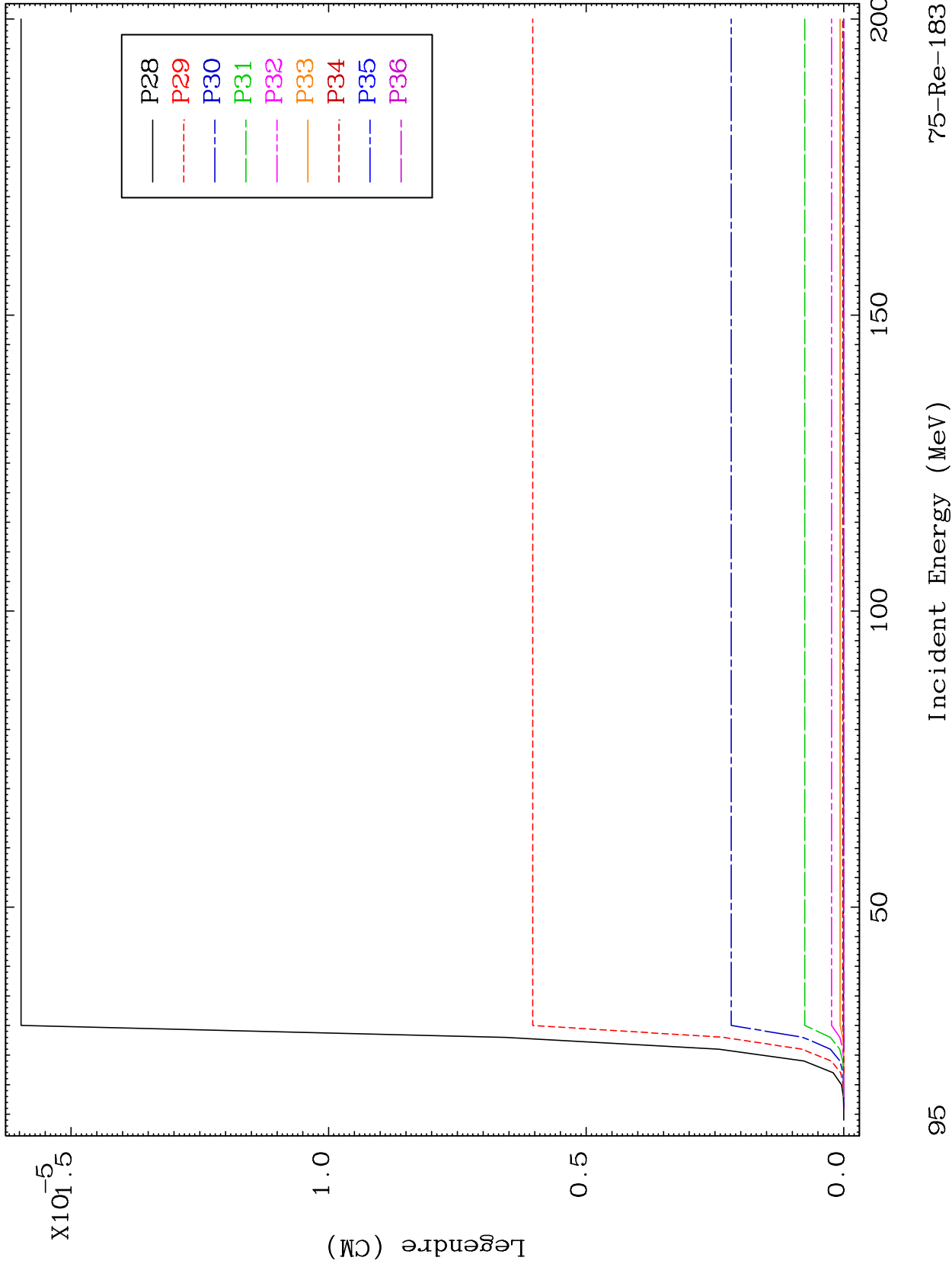
75-Re-183



MAT 7519

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

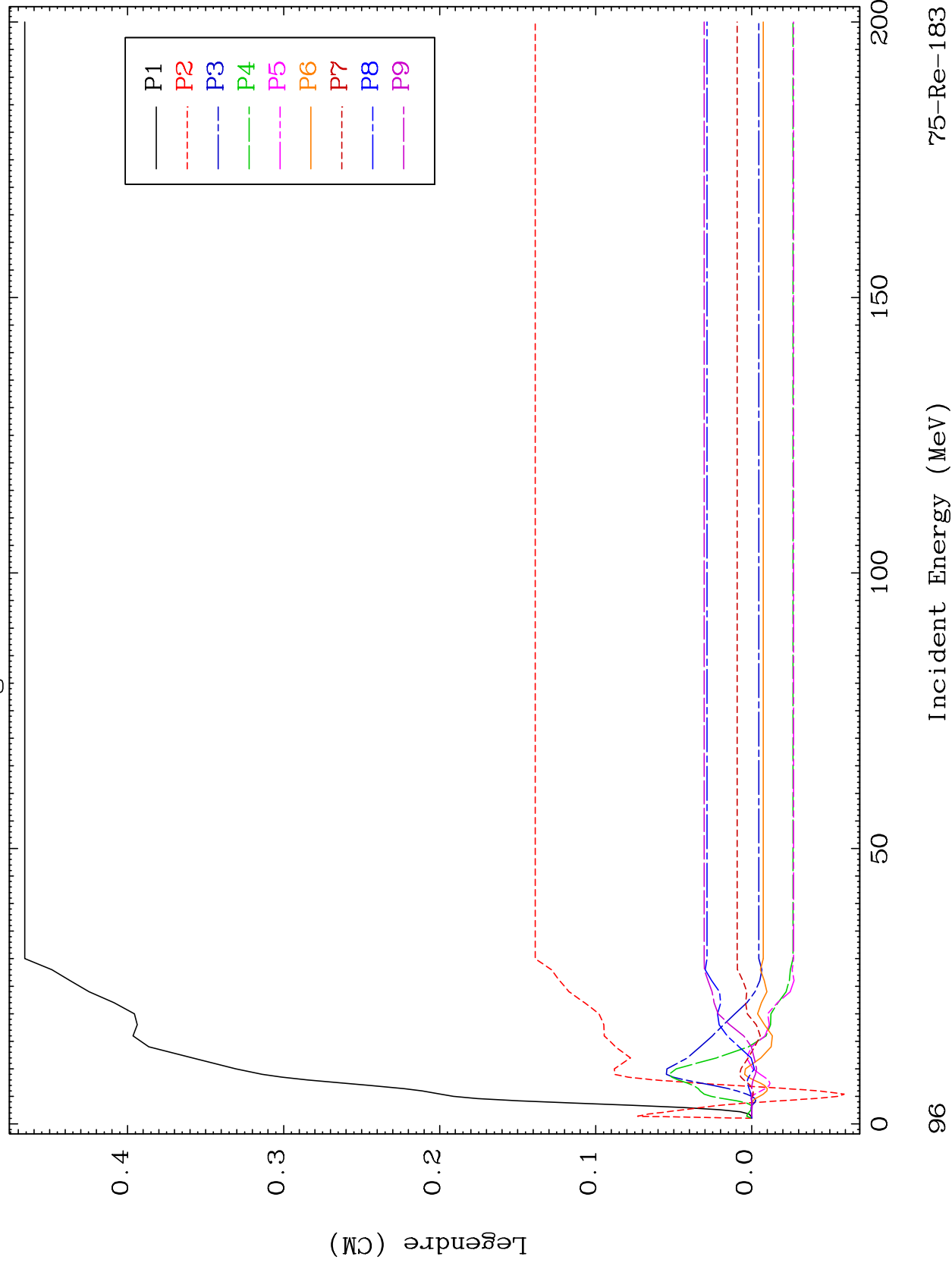
75-Re-183



MAT 7519

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

75-Re-183



75-Re-183

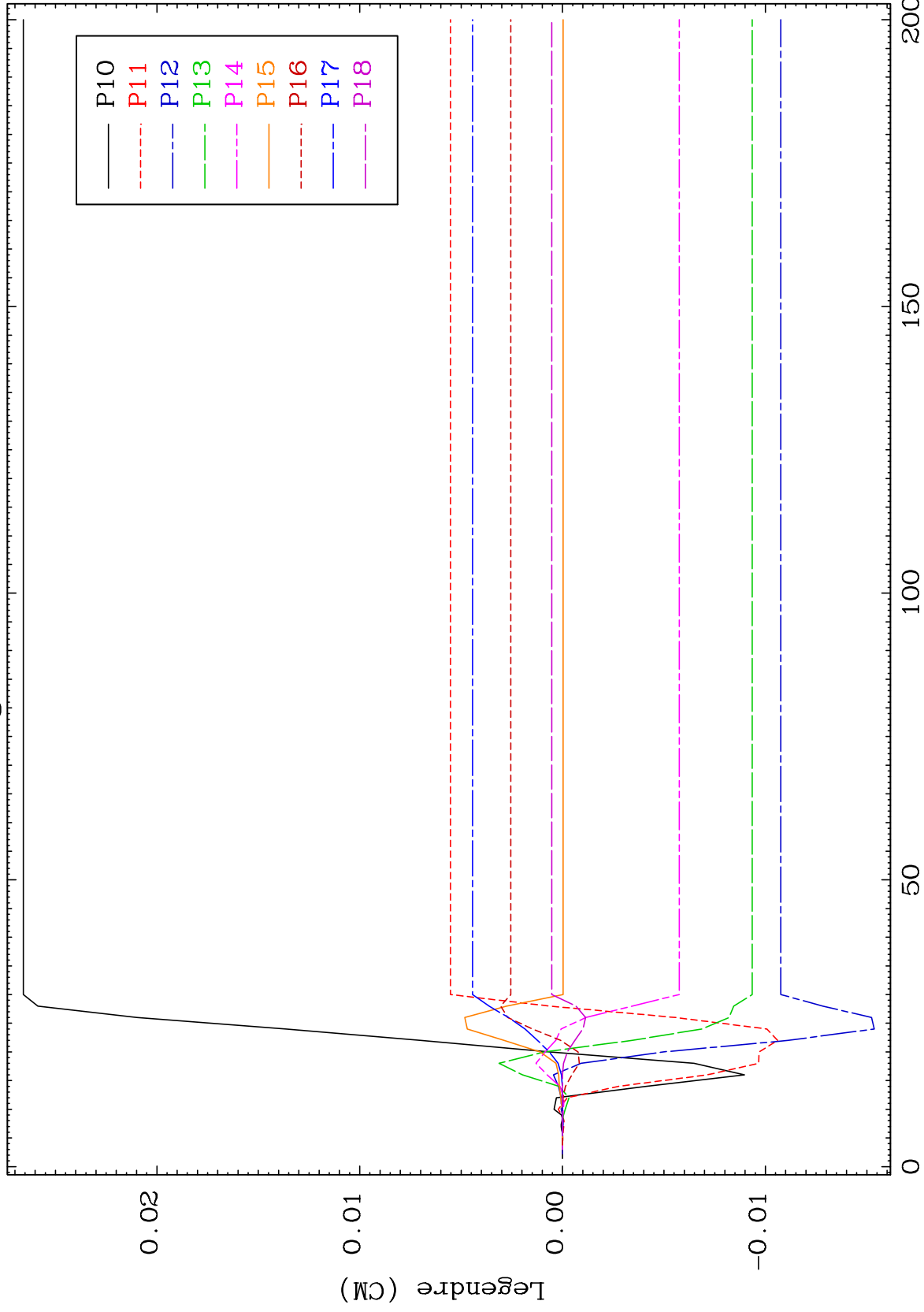
Incident Energy (MeV)

96

MAT 7519

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

75-Re-183



97

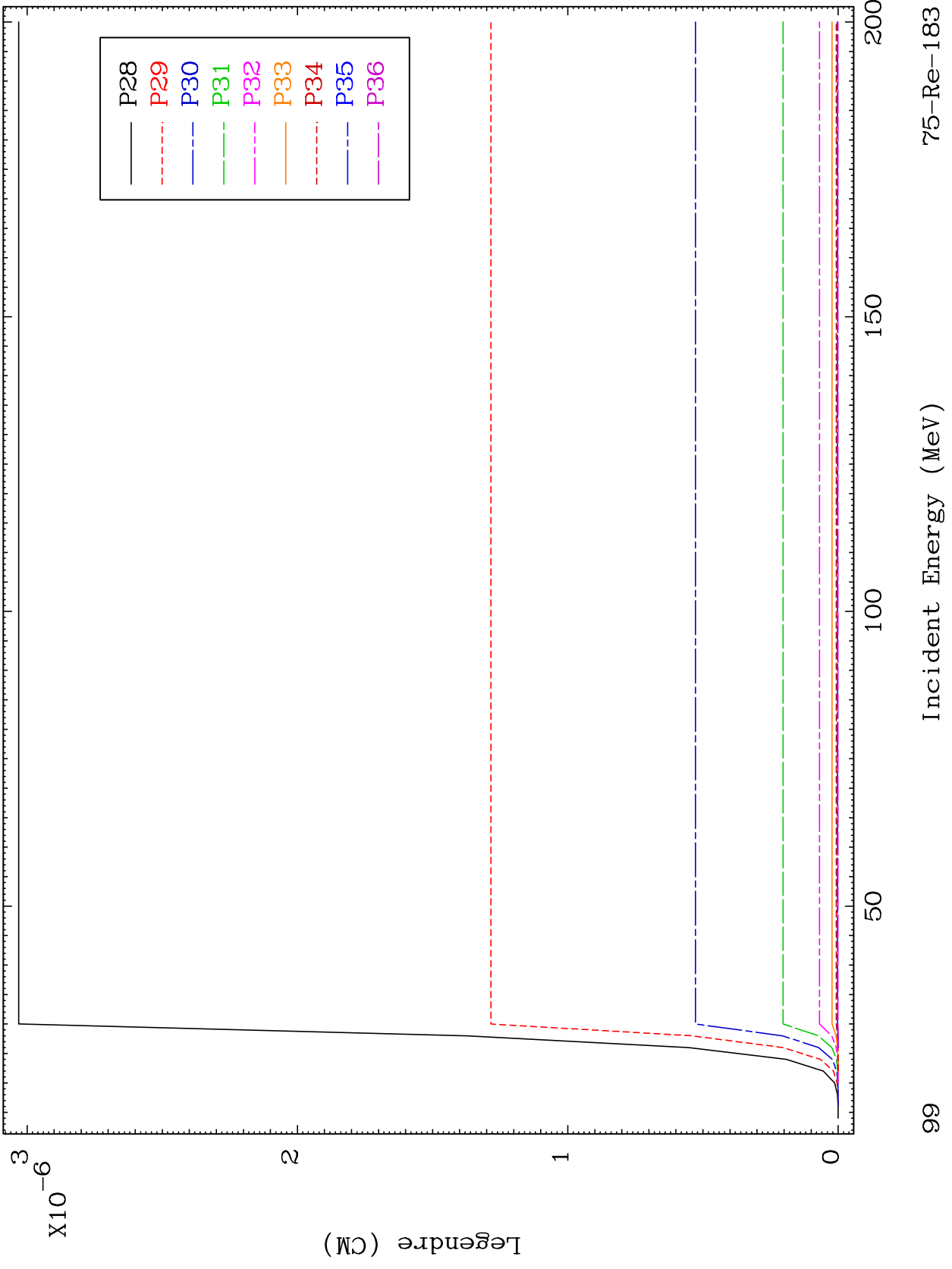
Incident Energy (MeV)

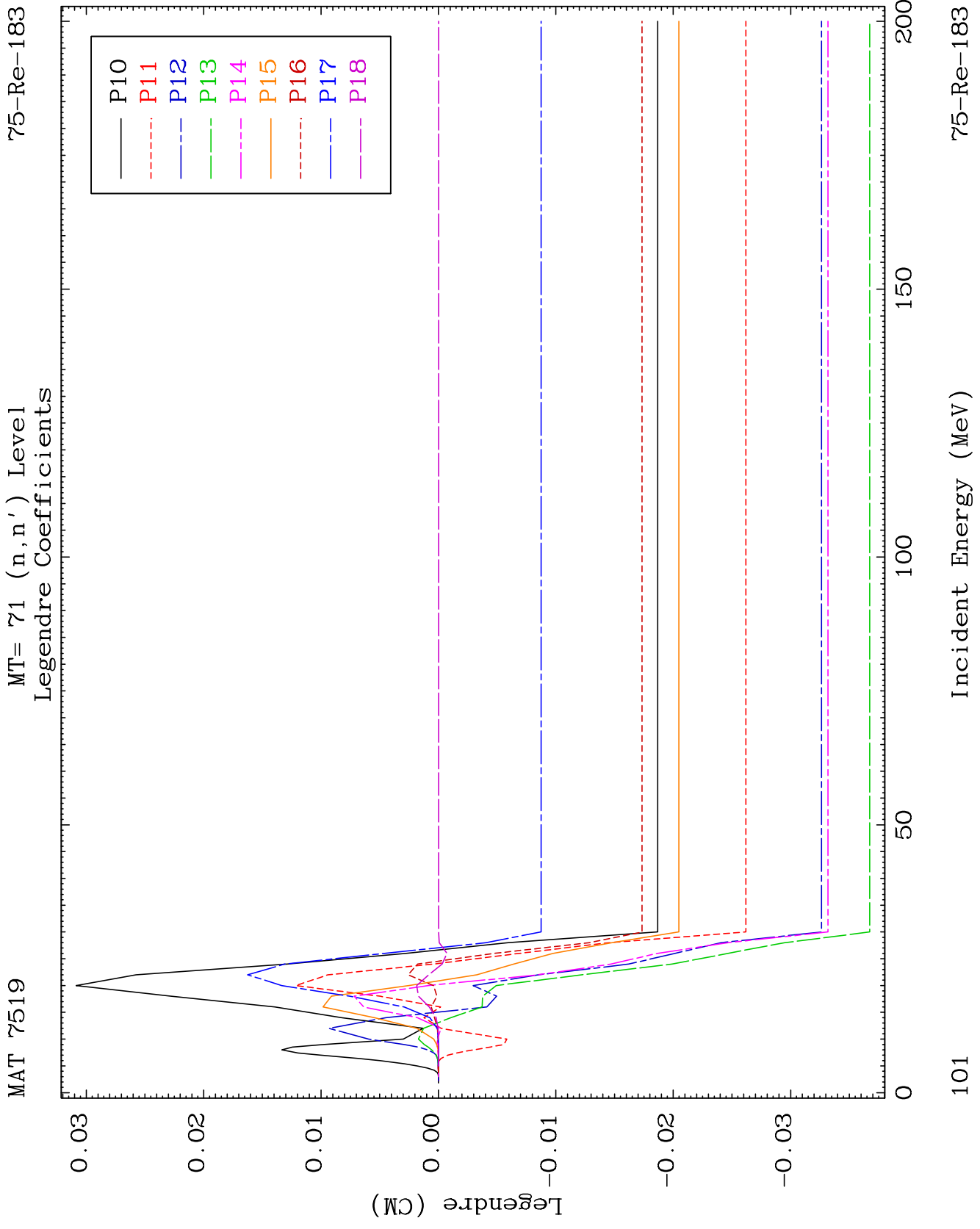
75-Re-183

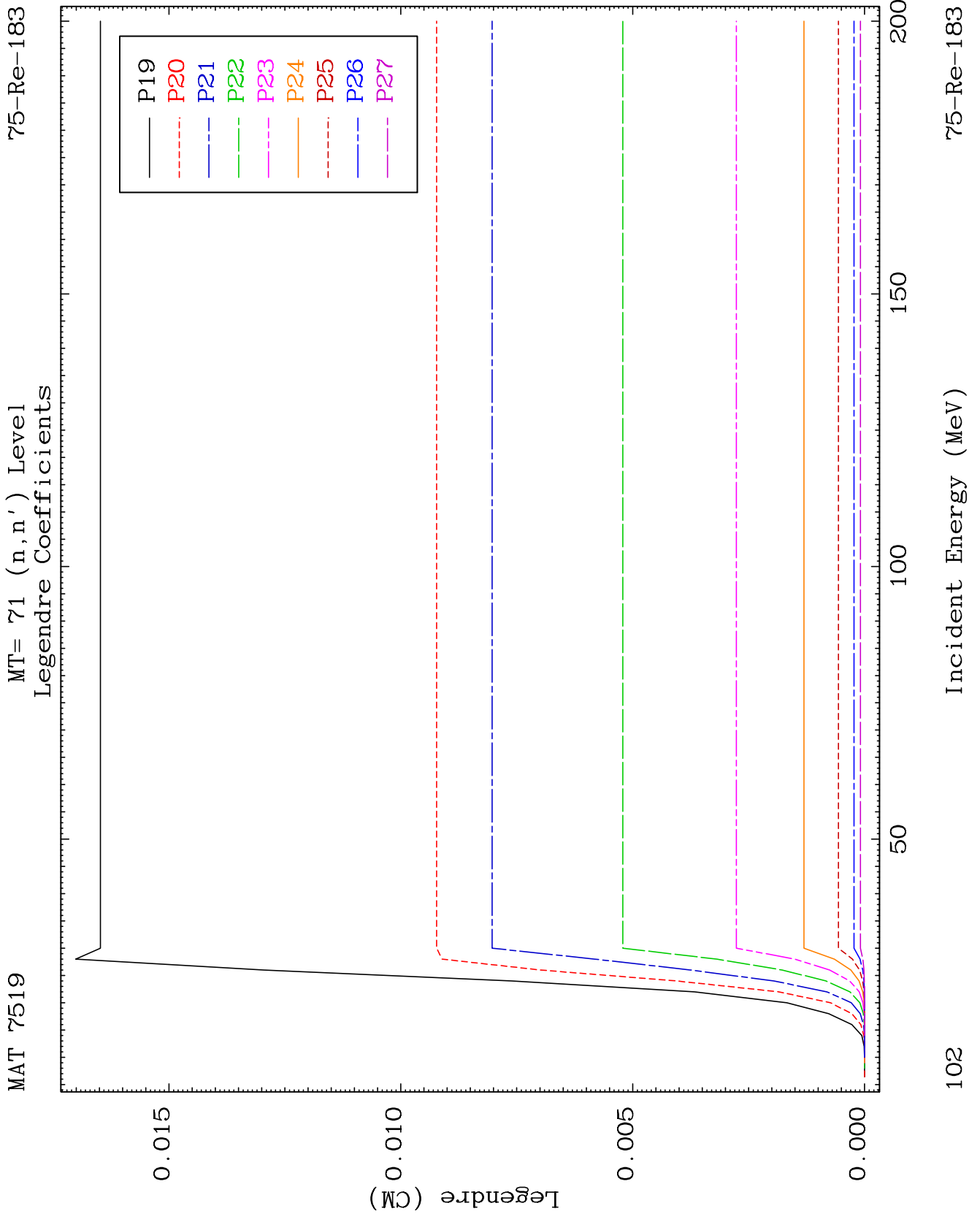
MAT 7519

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

75-Re-183



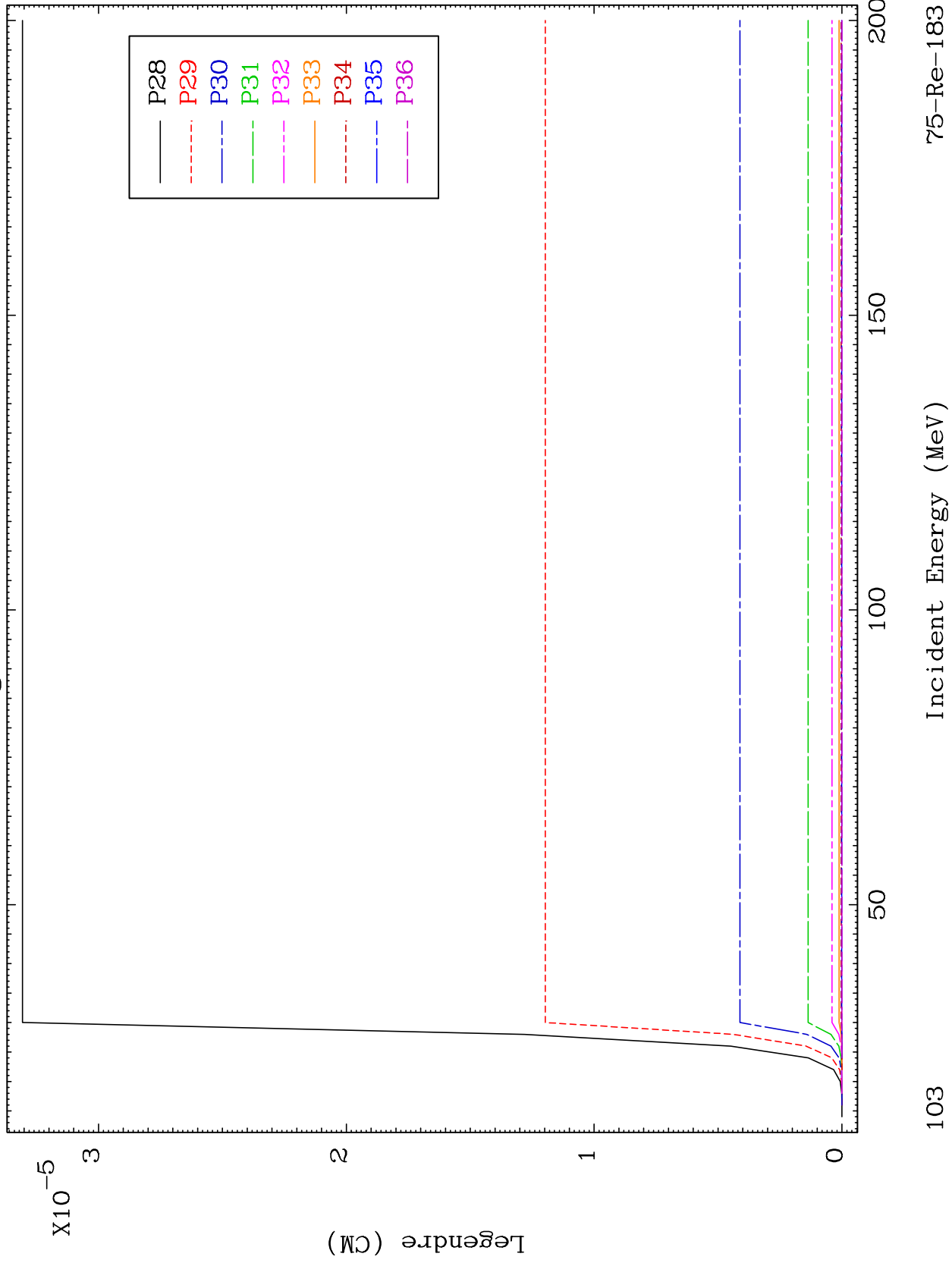


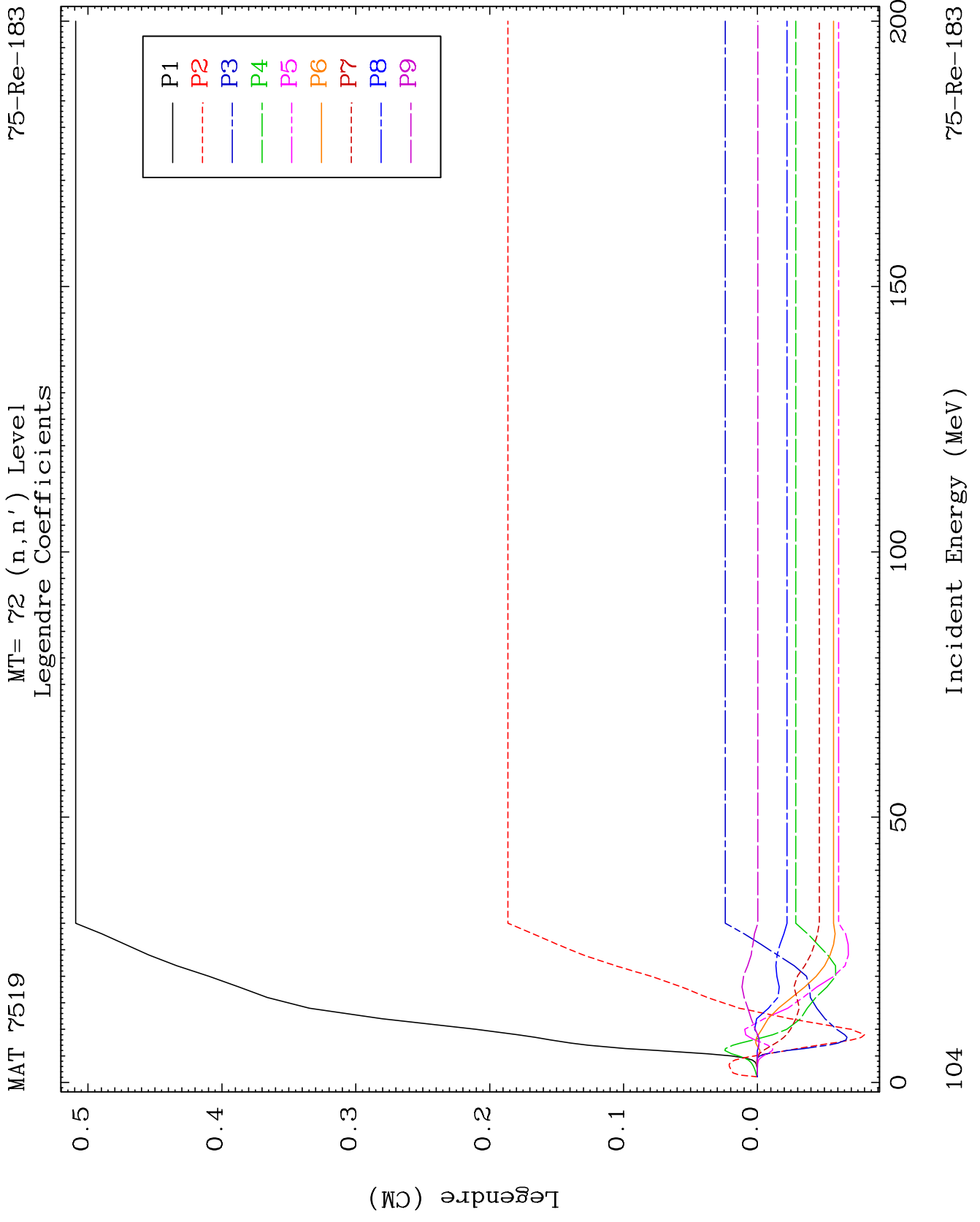


MAT 7519

MT= 71 (n,n') Level
Legendre Coefficients

75-Re-183

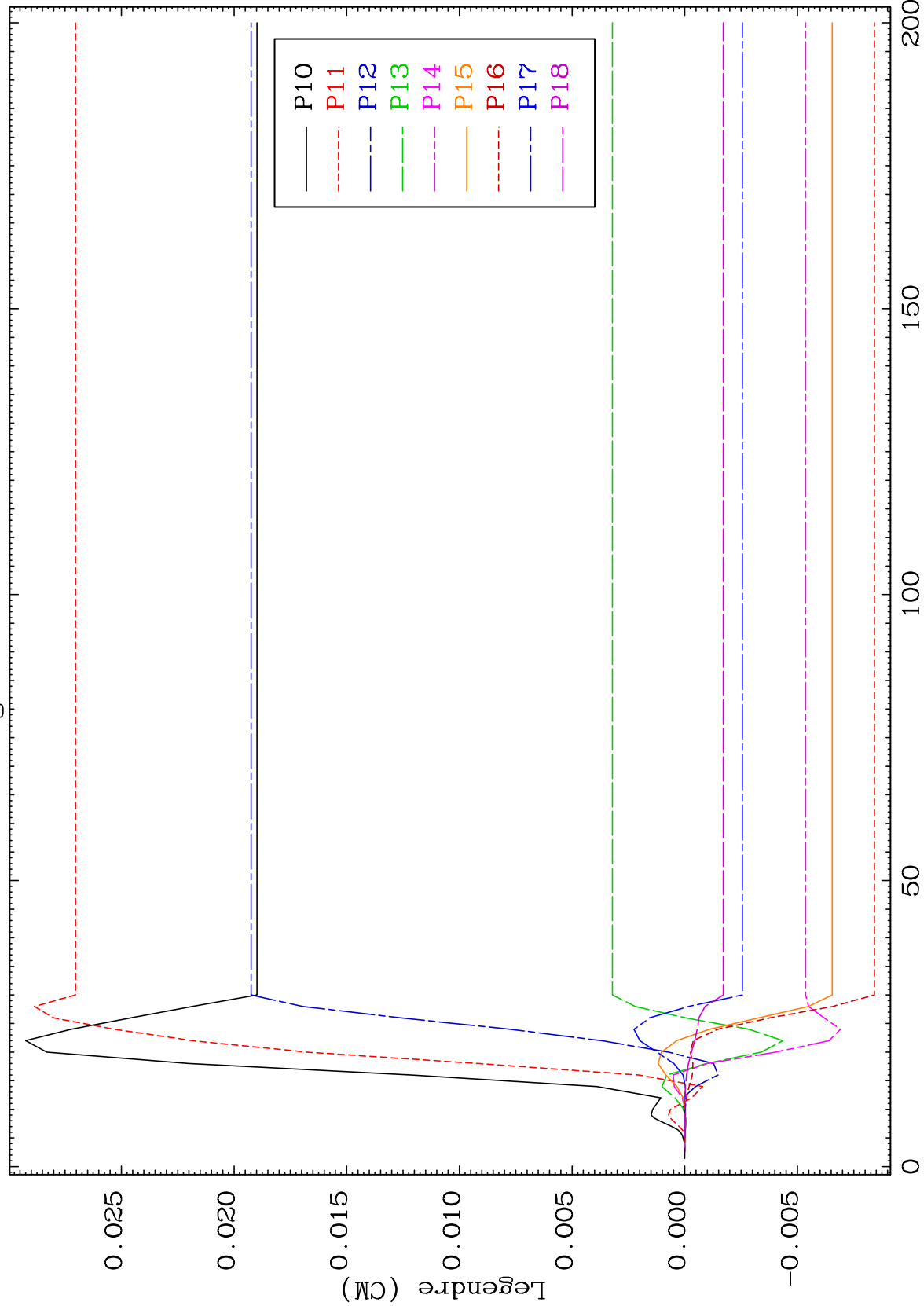




MAT 7519

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

75-Re-183



105

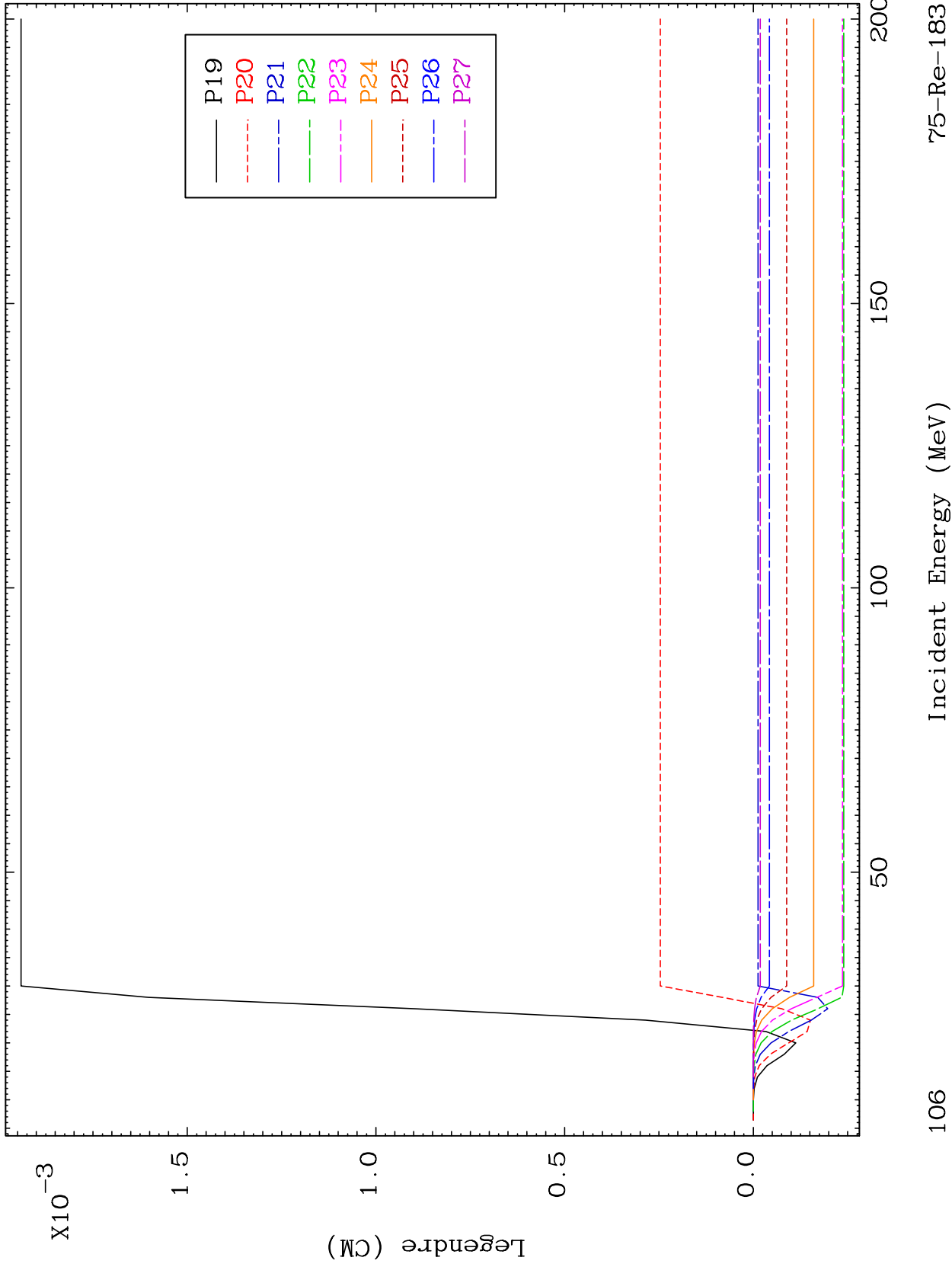
Incident Energy (MeV)

75-Re-183

MAT 7519

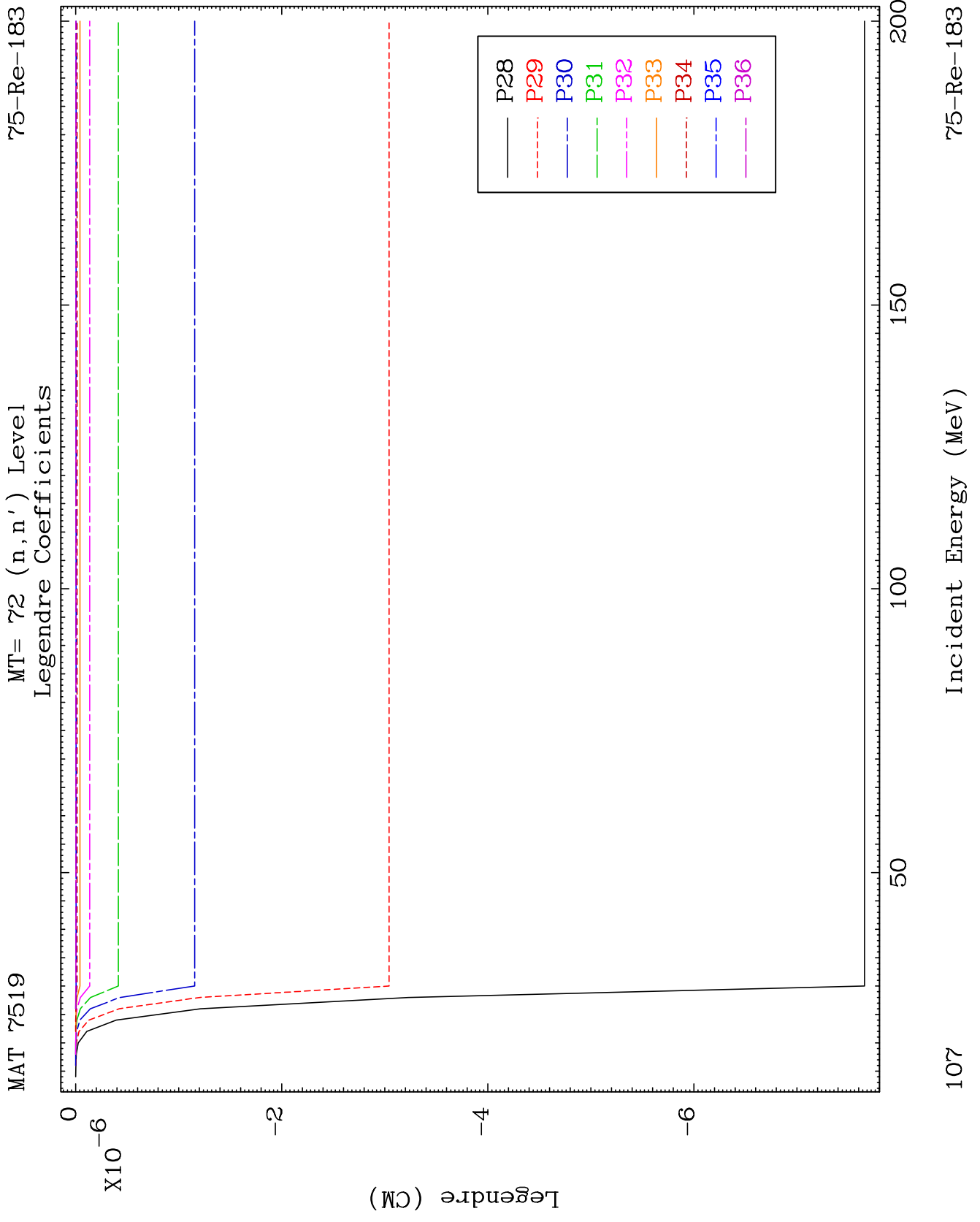
MT= 72 (n,n') Level
Legendre Coefficients

75-Re-183



106

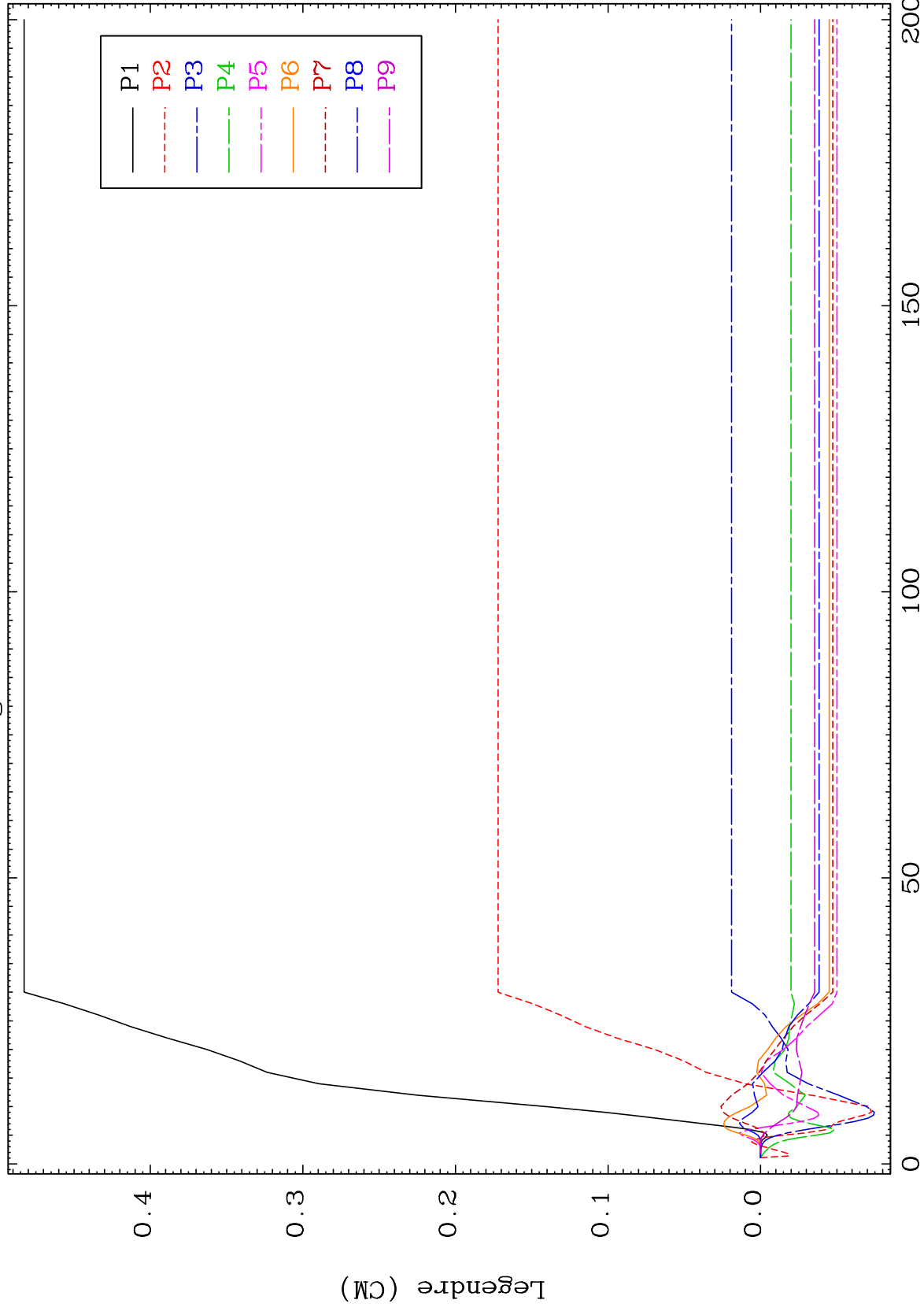
75-Re-183



MAT 7519

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

75-Re-183



108

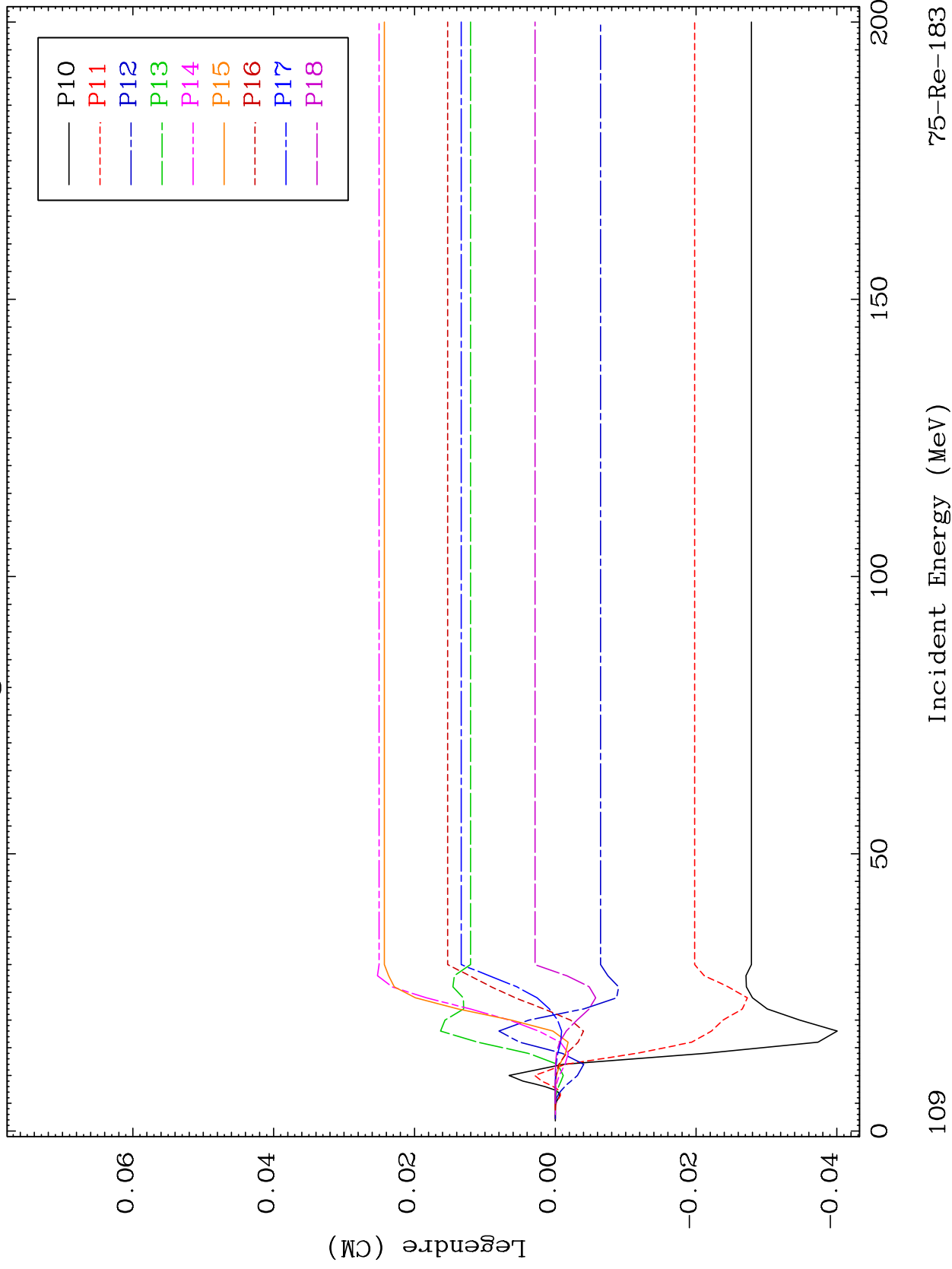
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



75-Re-183

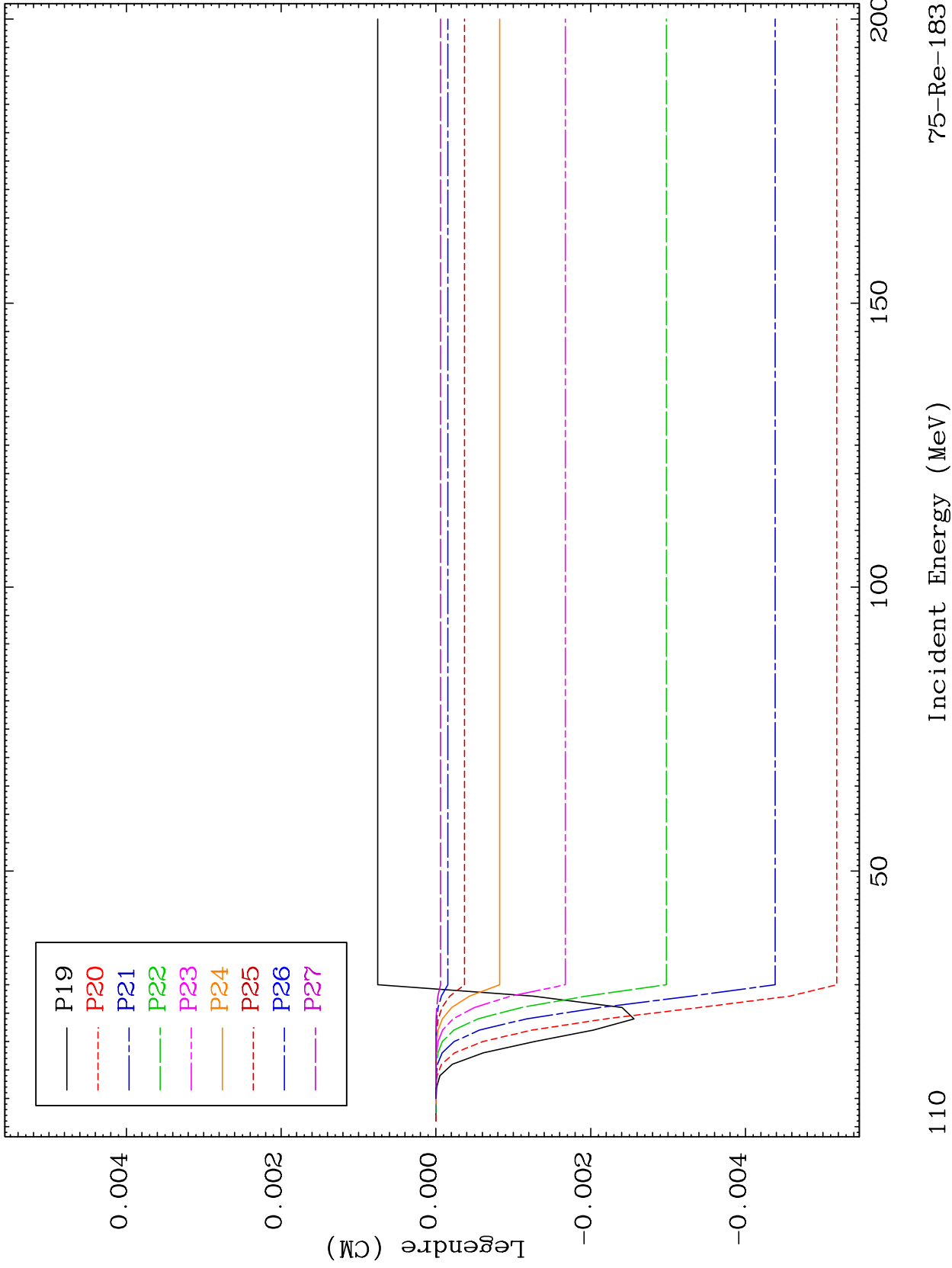
Incident Energy (MeV)

109

MAT 7519

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

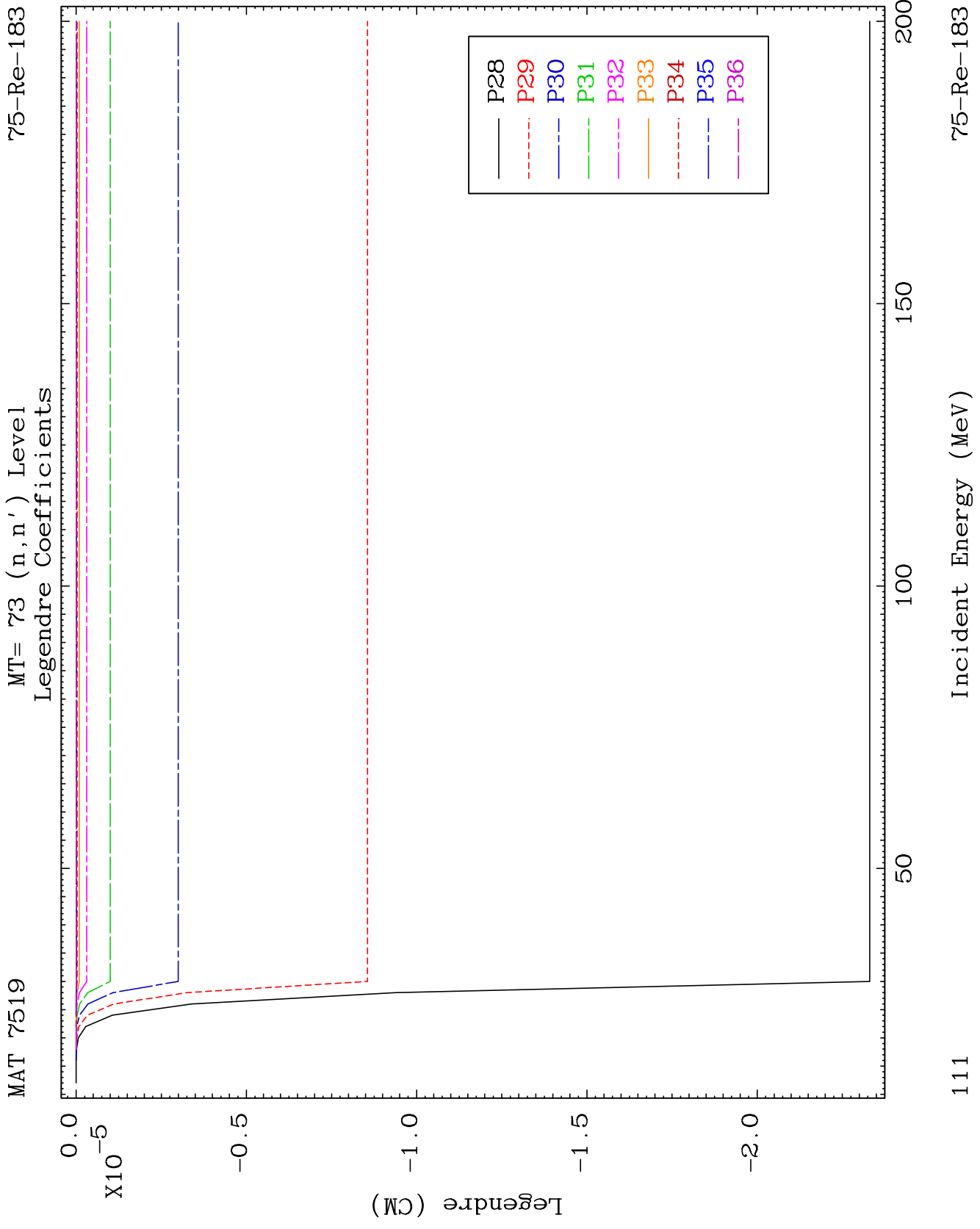
75-Re-183

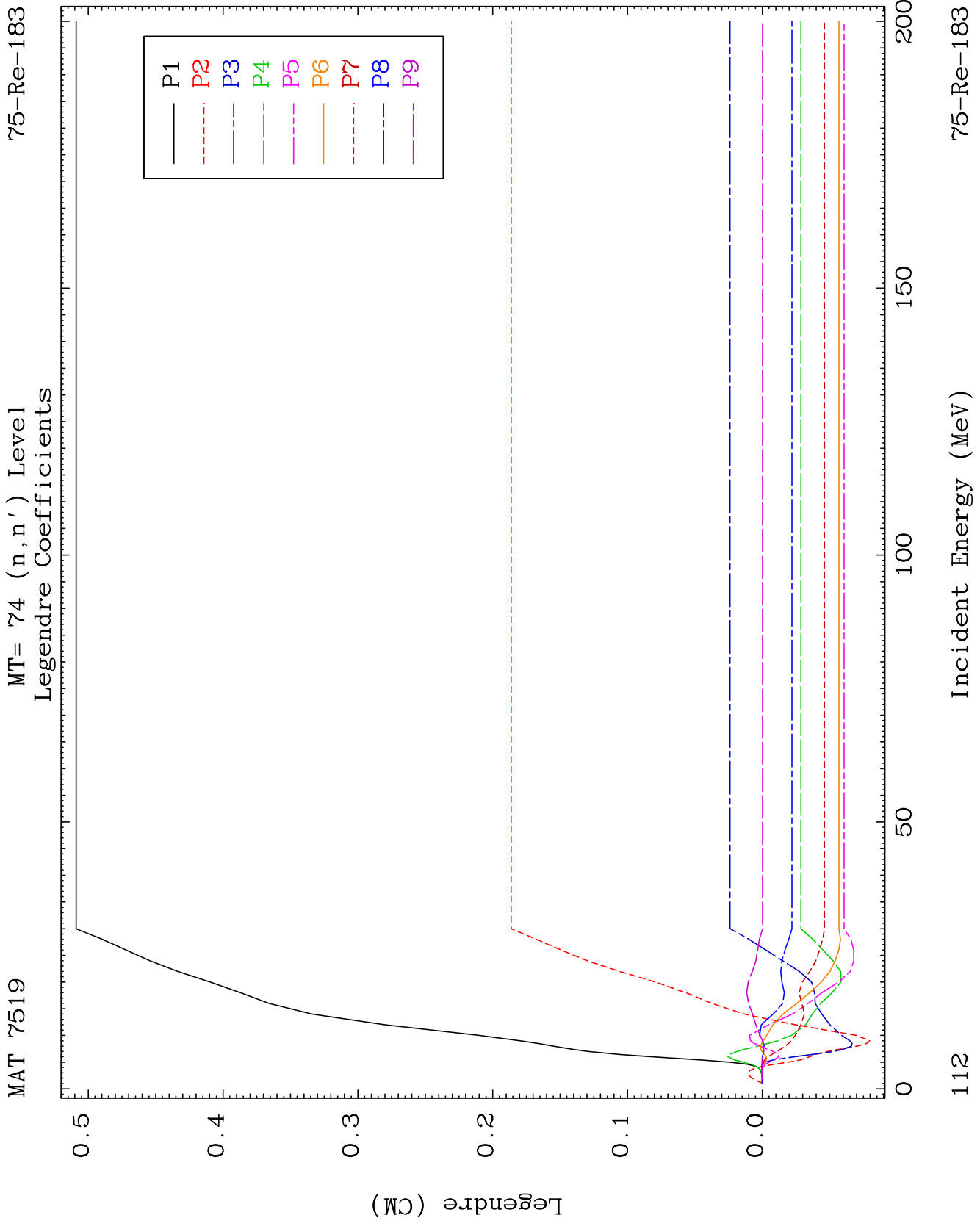


110

Incident Energy (MeV)

75-Re-183

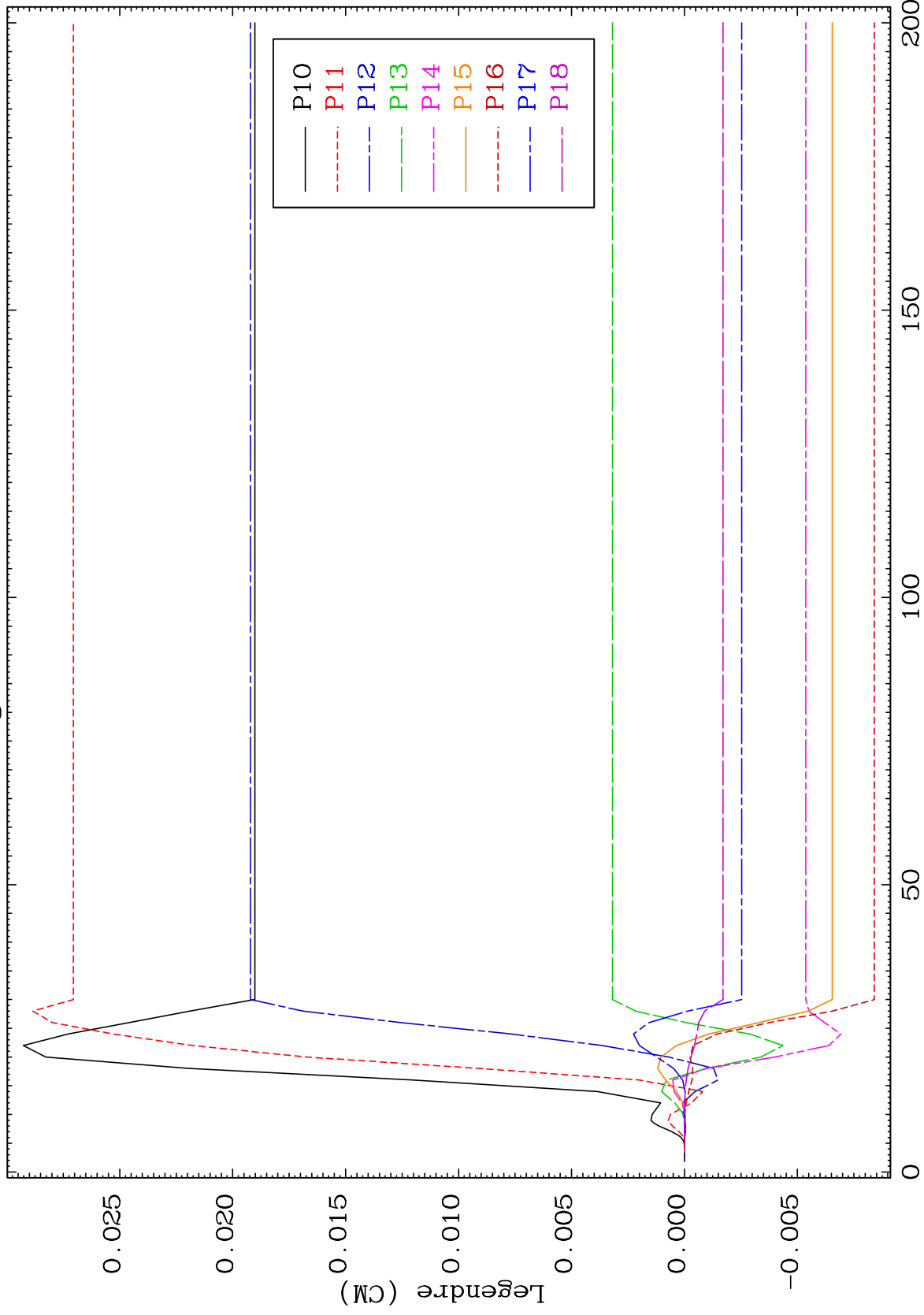




MAT 7519

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

75-Re-183



113

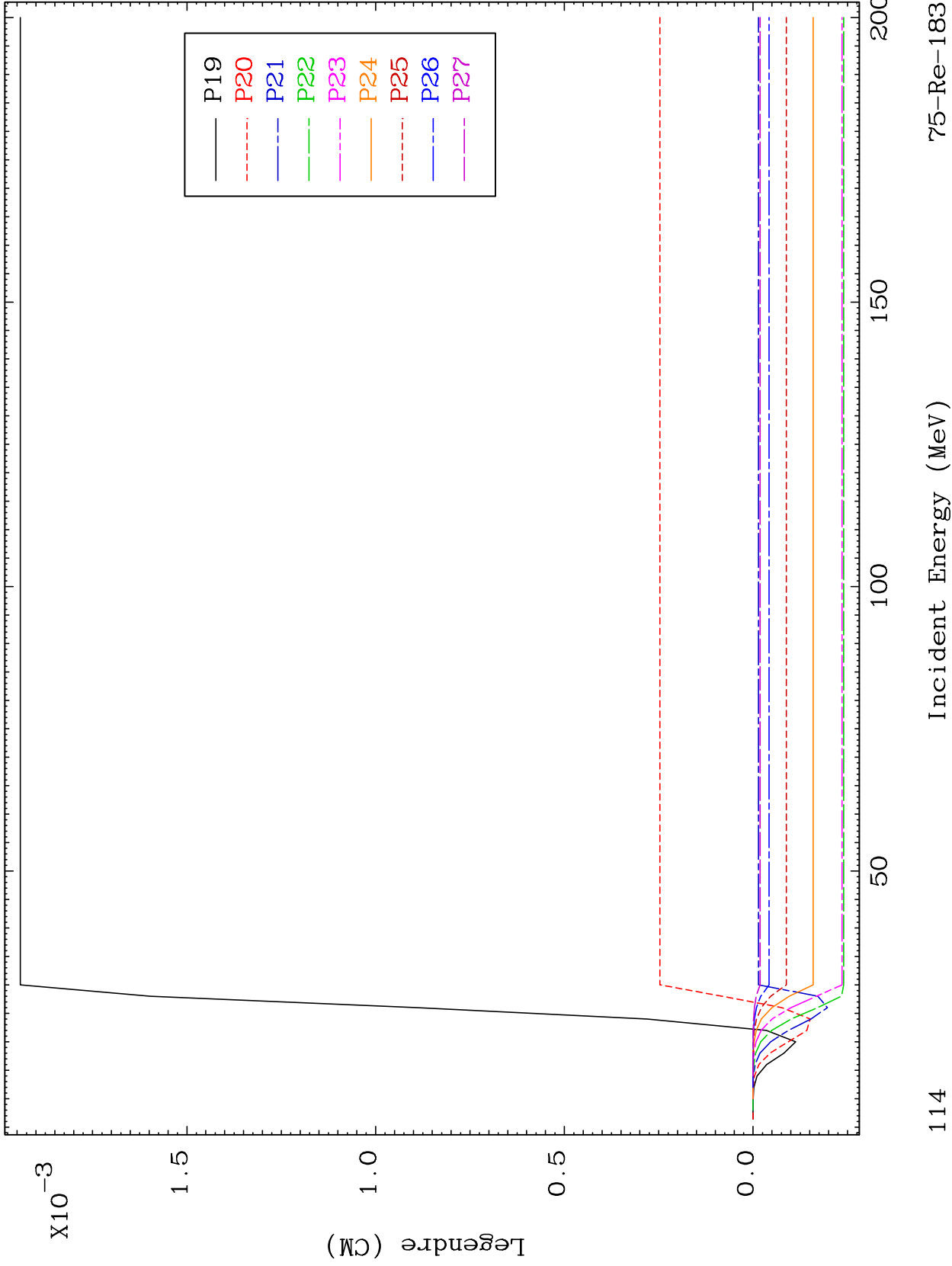
Incident Energy (MeV)

75-Re-183

MAT 7519

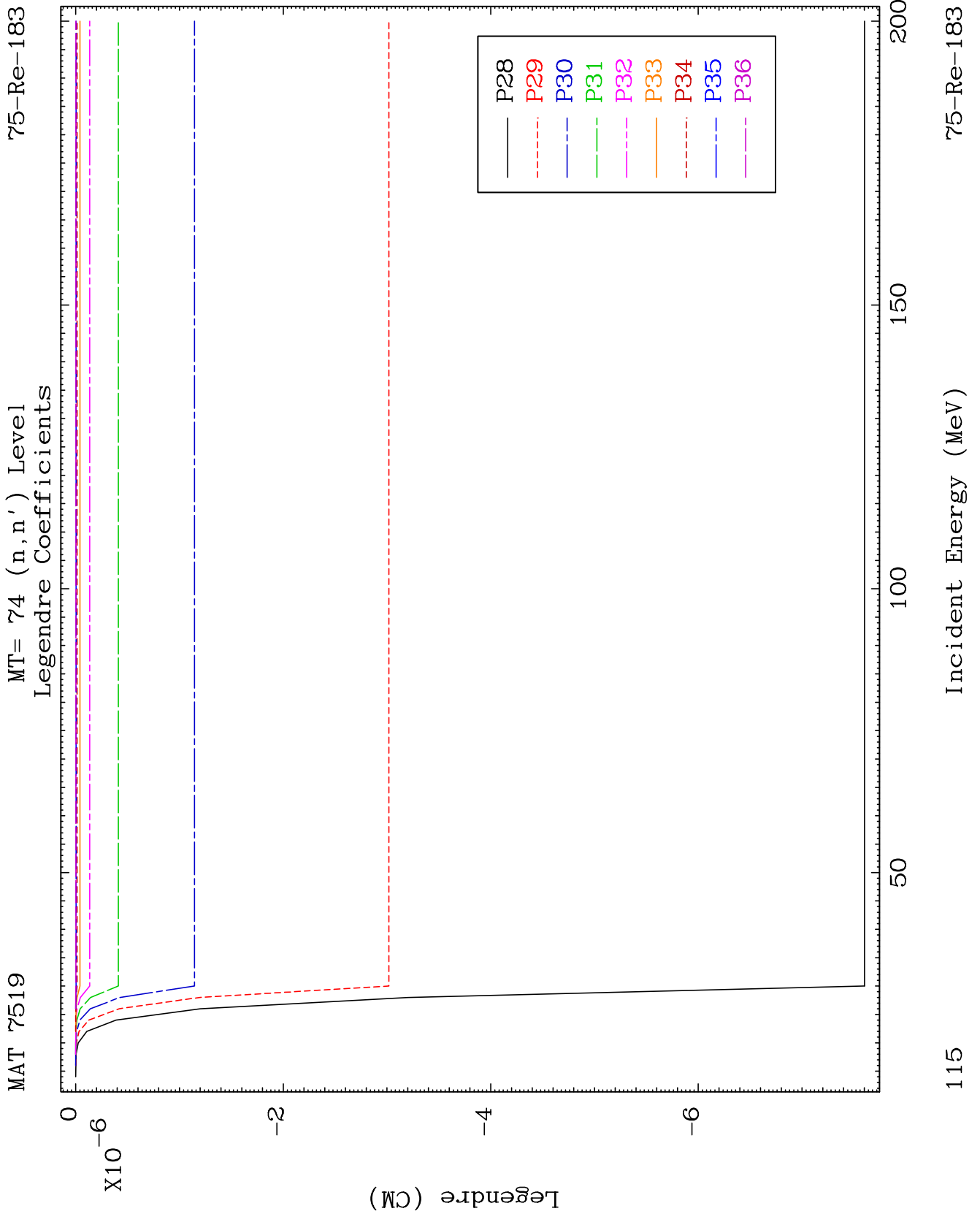
MT= 74 (n,n') Level
Legendre Coefficients

75-Re-183



114

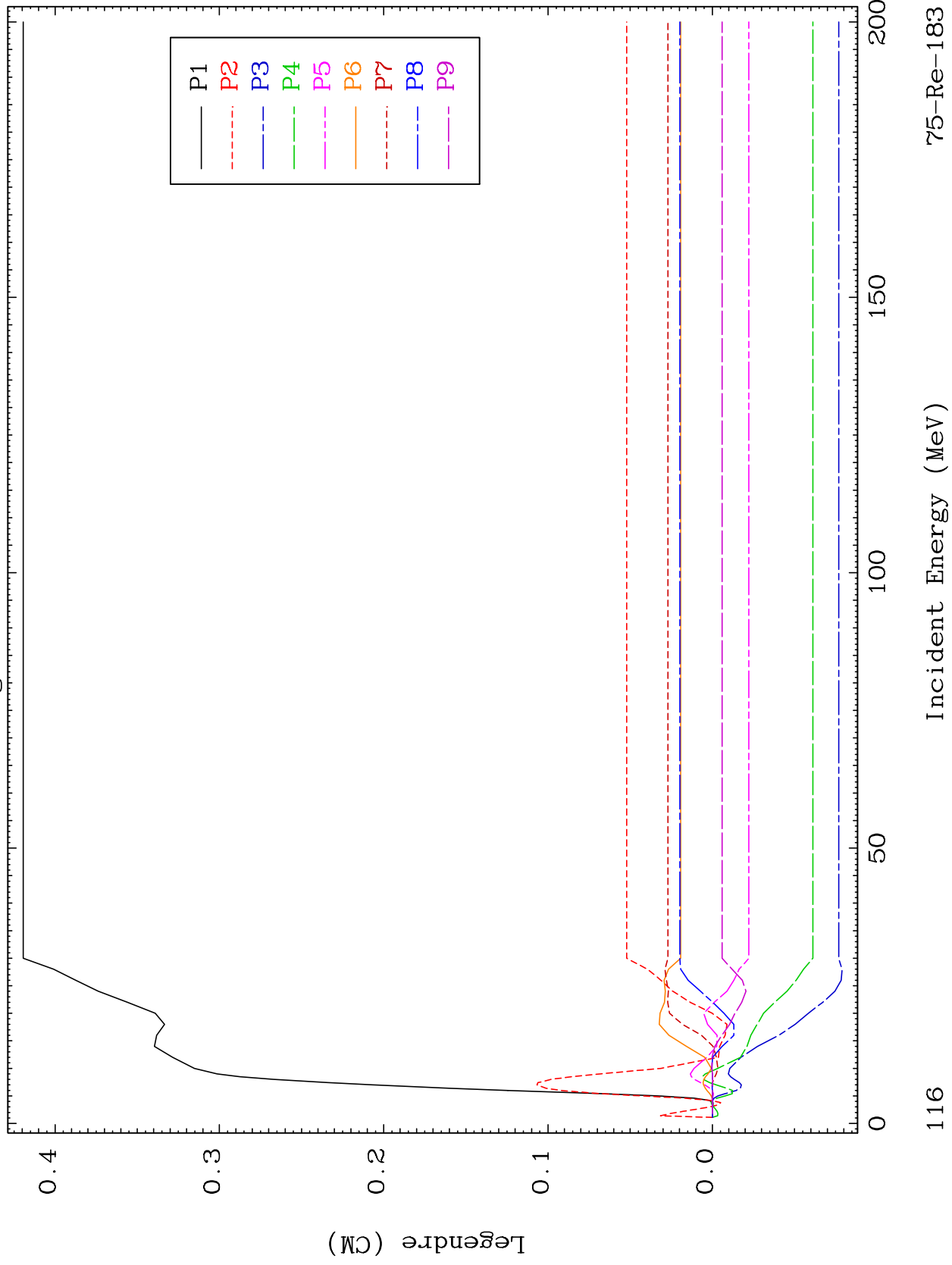
75-Re-183



MAT 7519

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

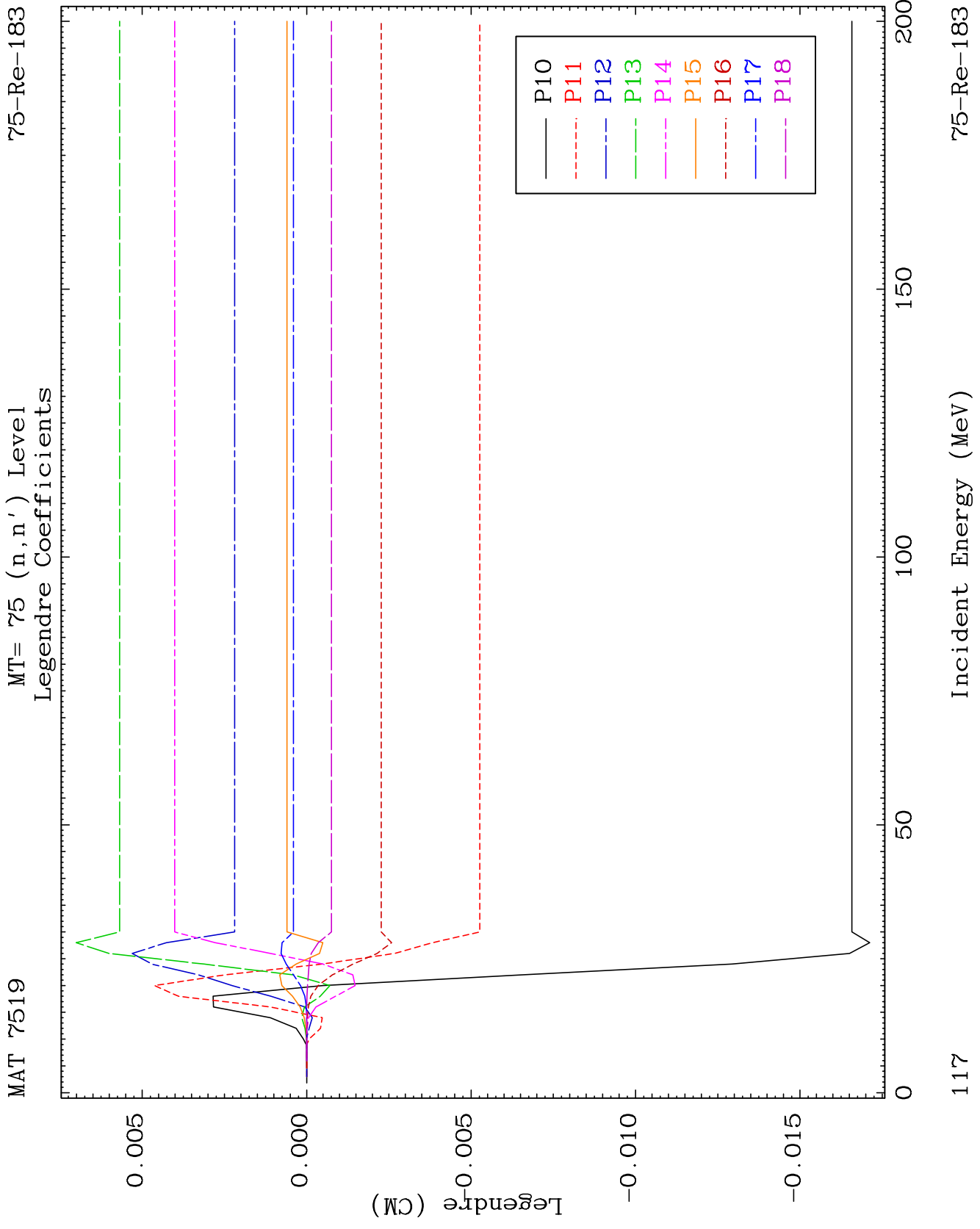
75-Re-183



116

Incident Energy (MeV)

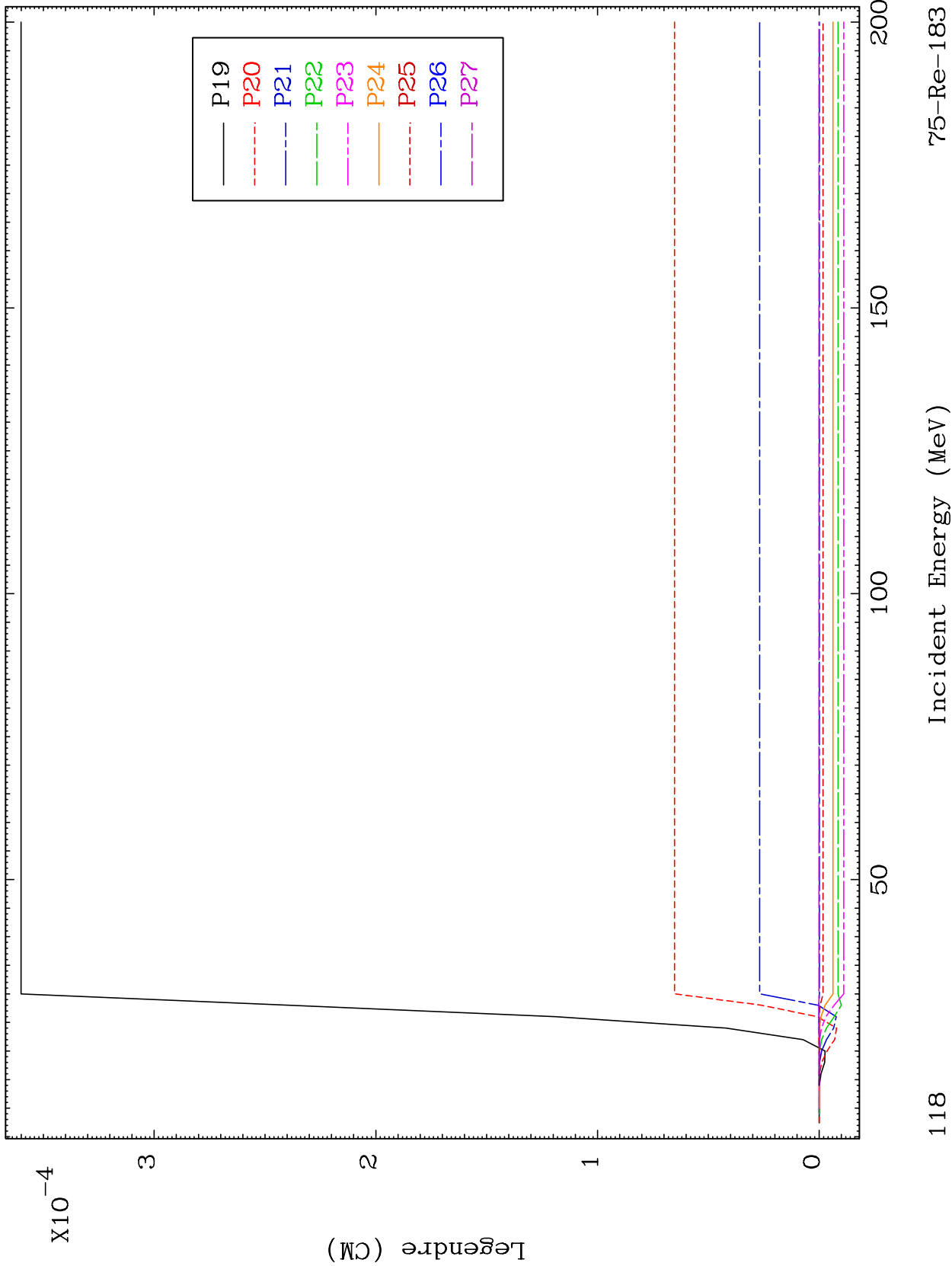
75-Re-183



MAT 7519

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

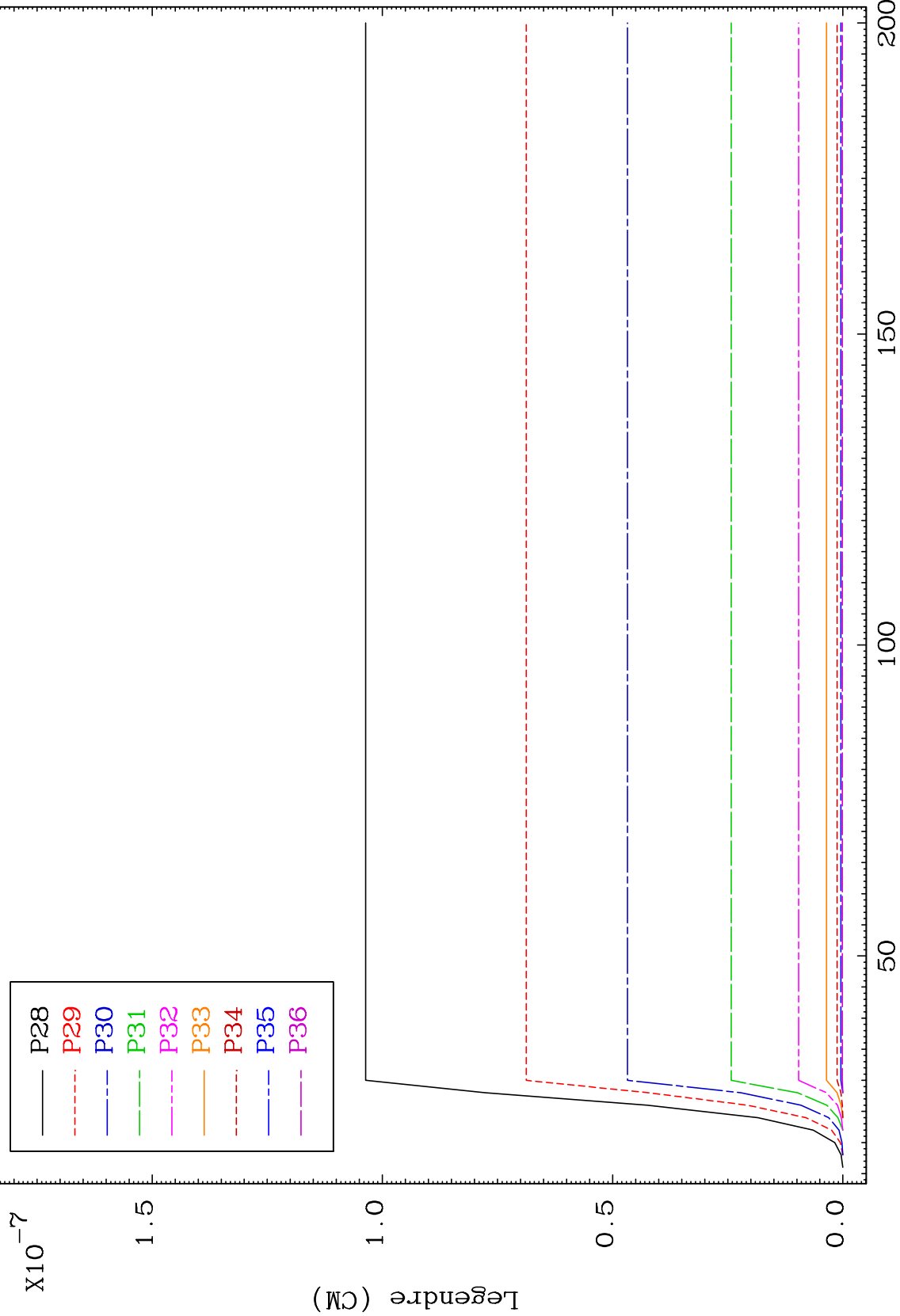
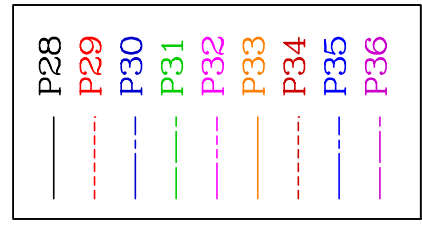
75-Re-183



MAT 7519

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

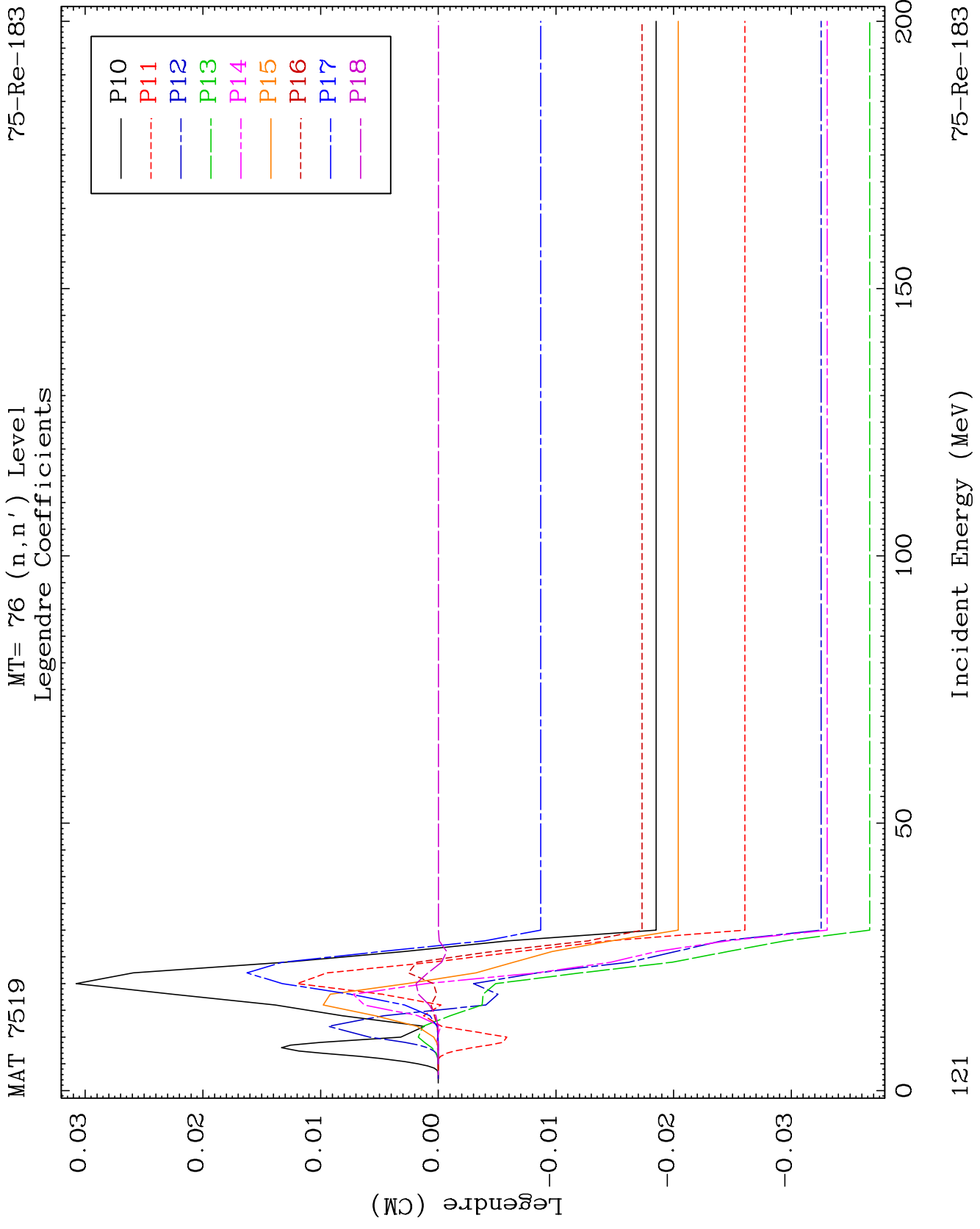
75-Re-183

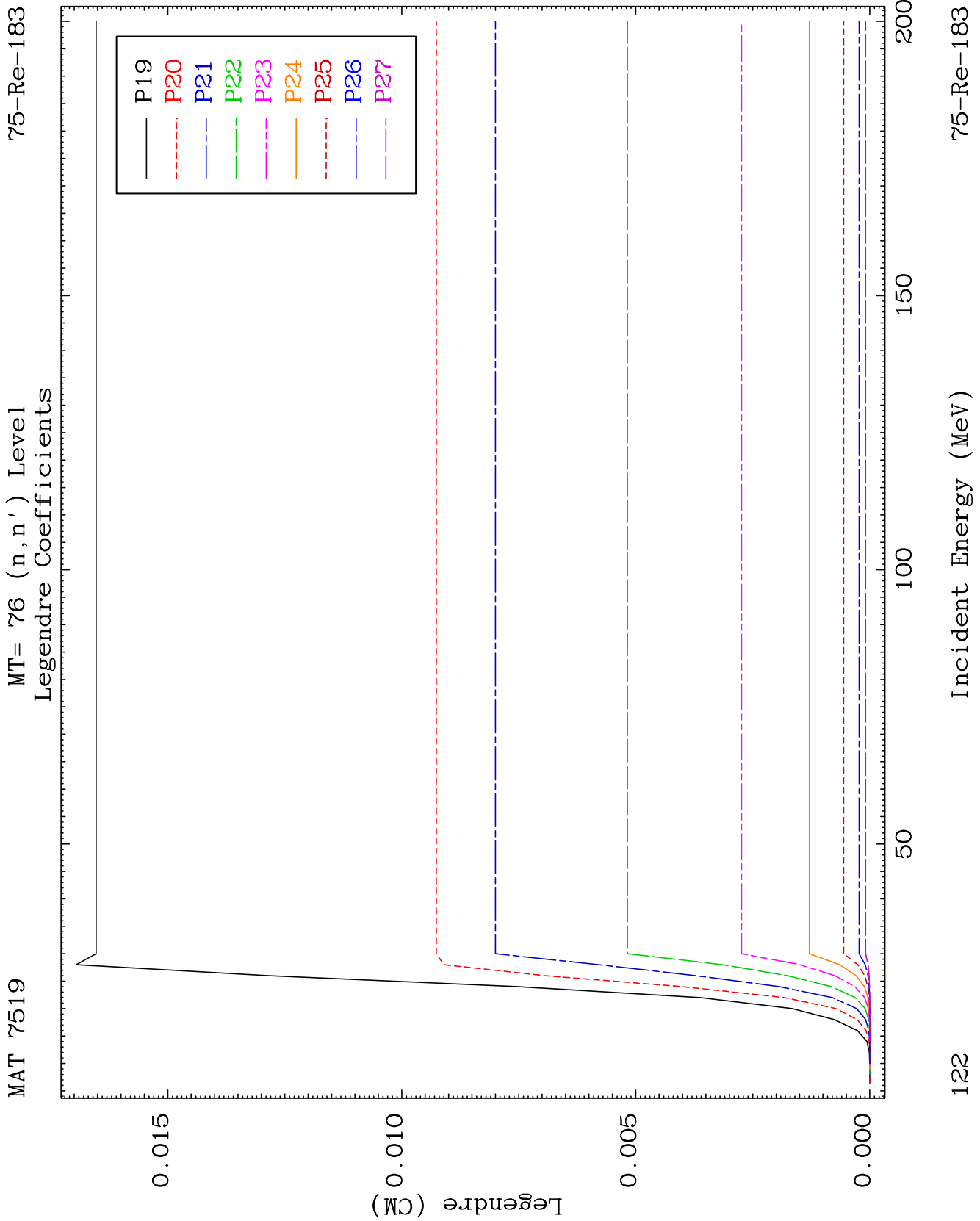


119

Incident Energy (MeV)

75-Re-183

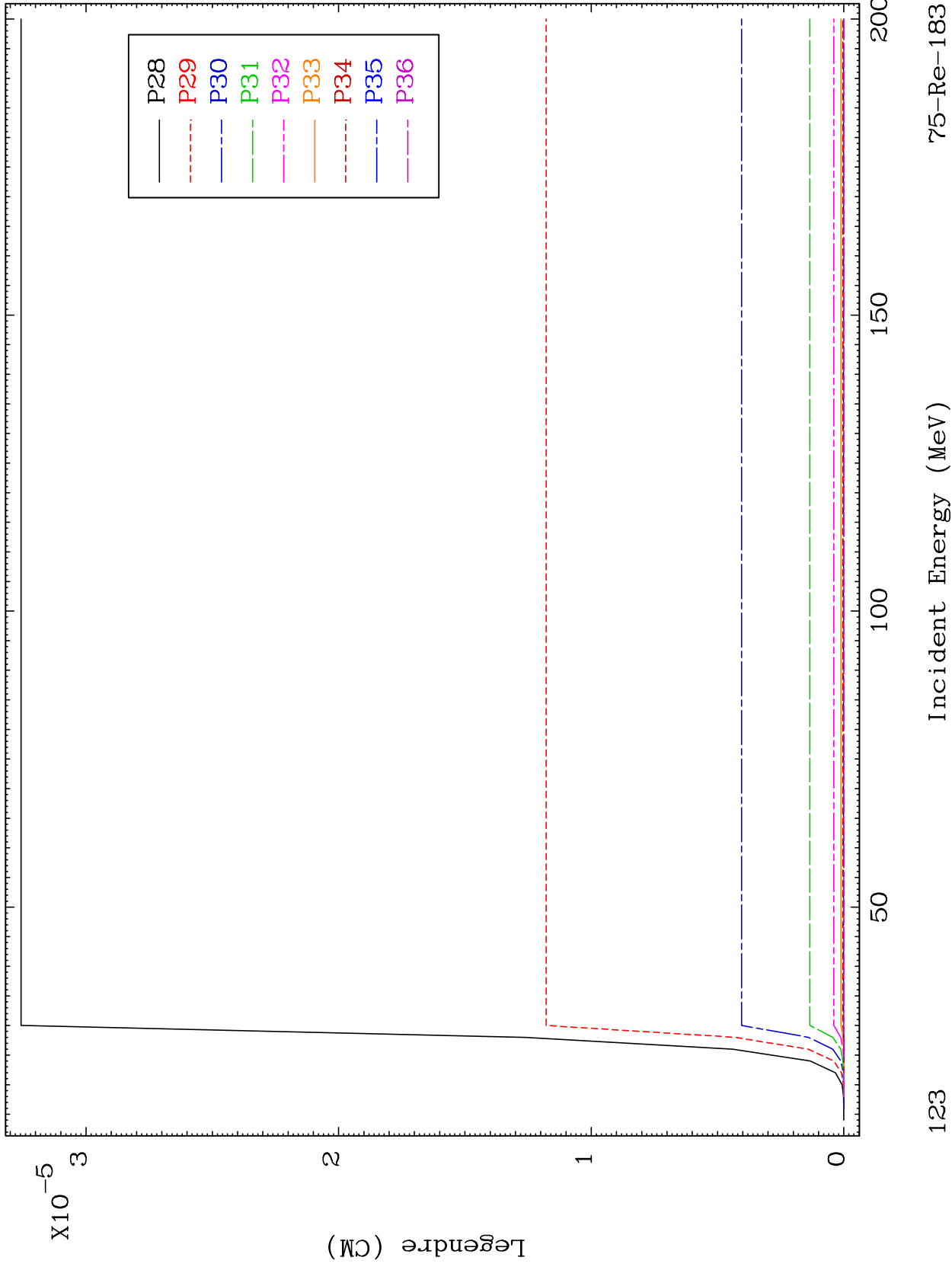




MAT 7519

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

75-Re-183

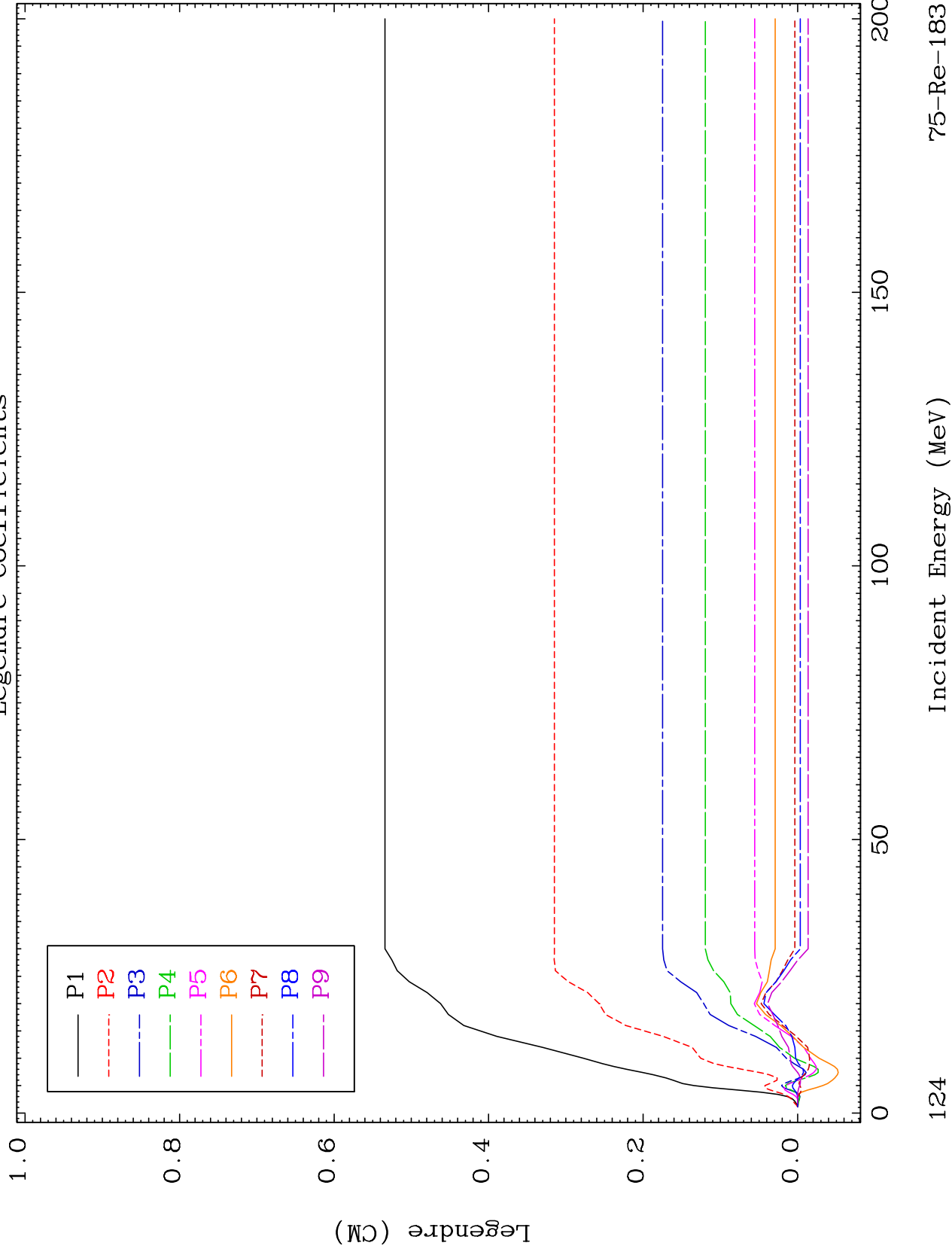


123

MAT 7519

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

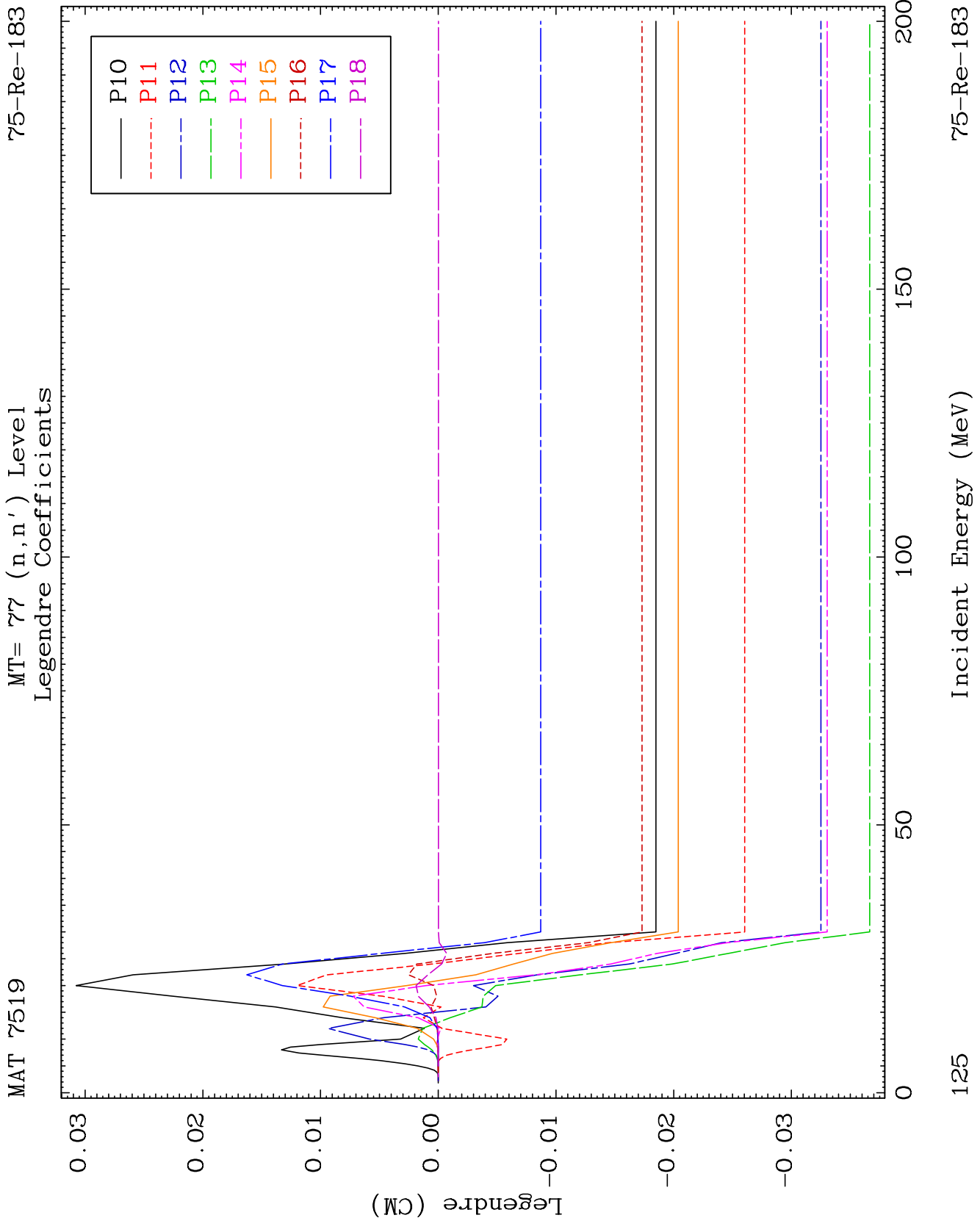
75-Re-183

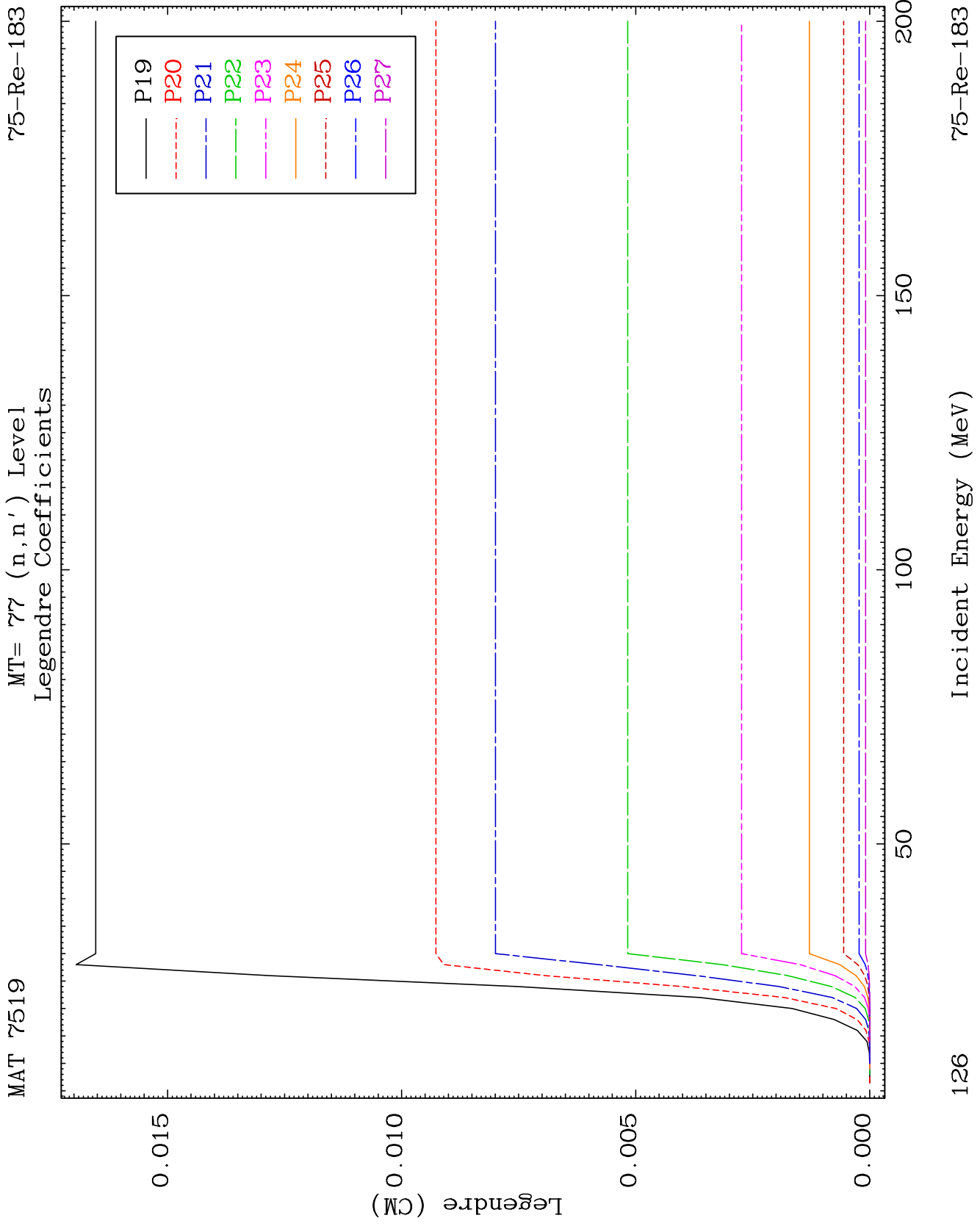


124

Incident Energy (MeV)

75-Re-183

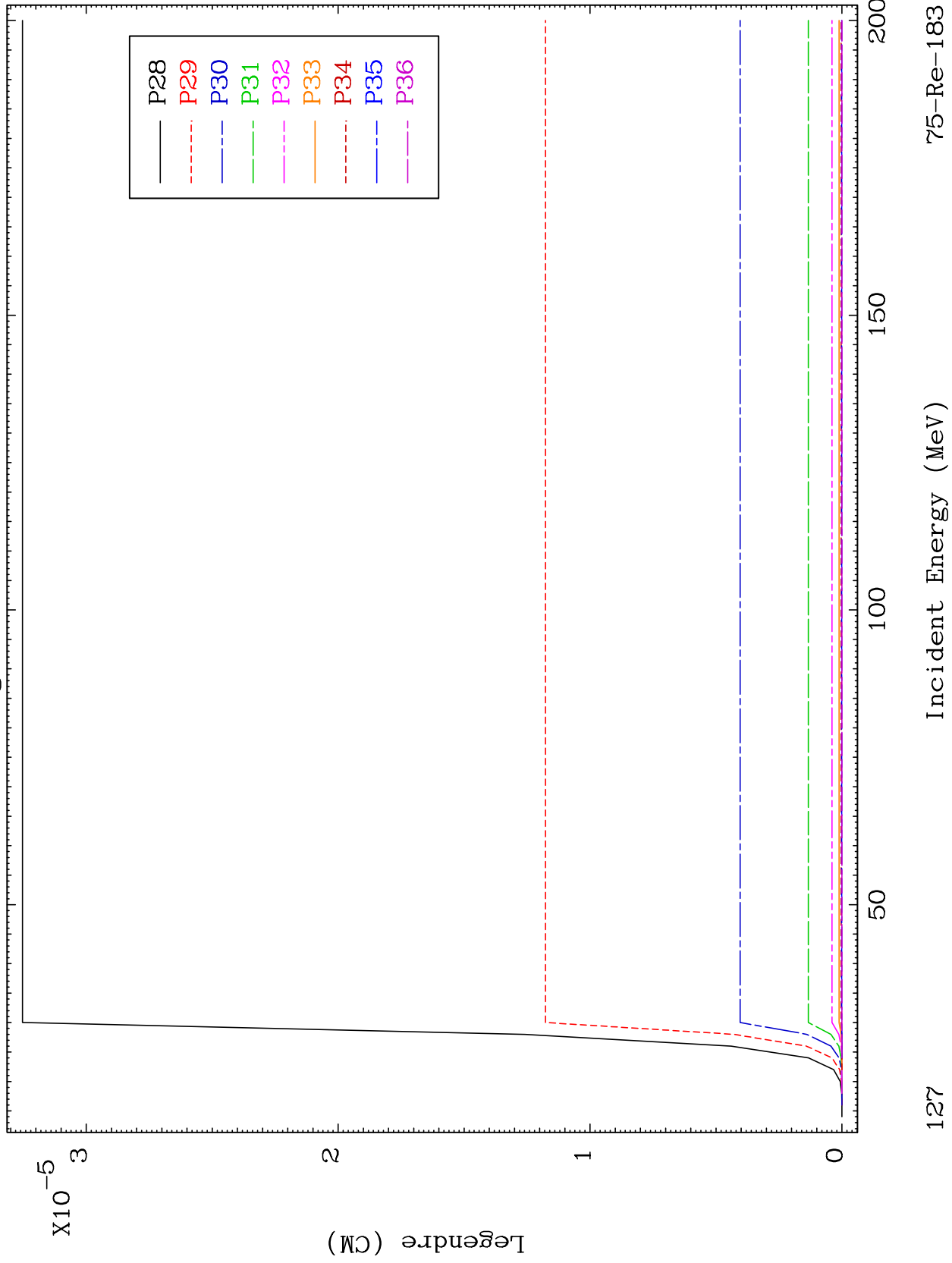


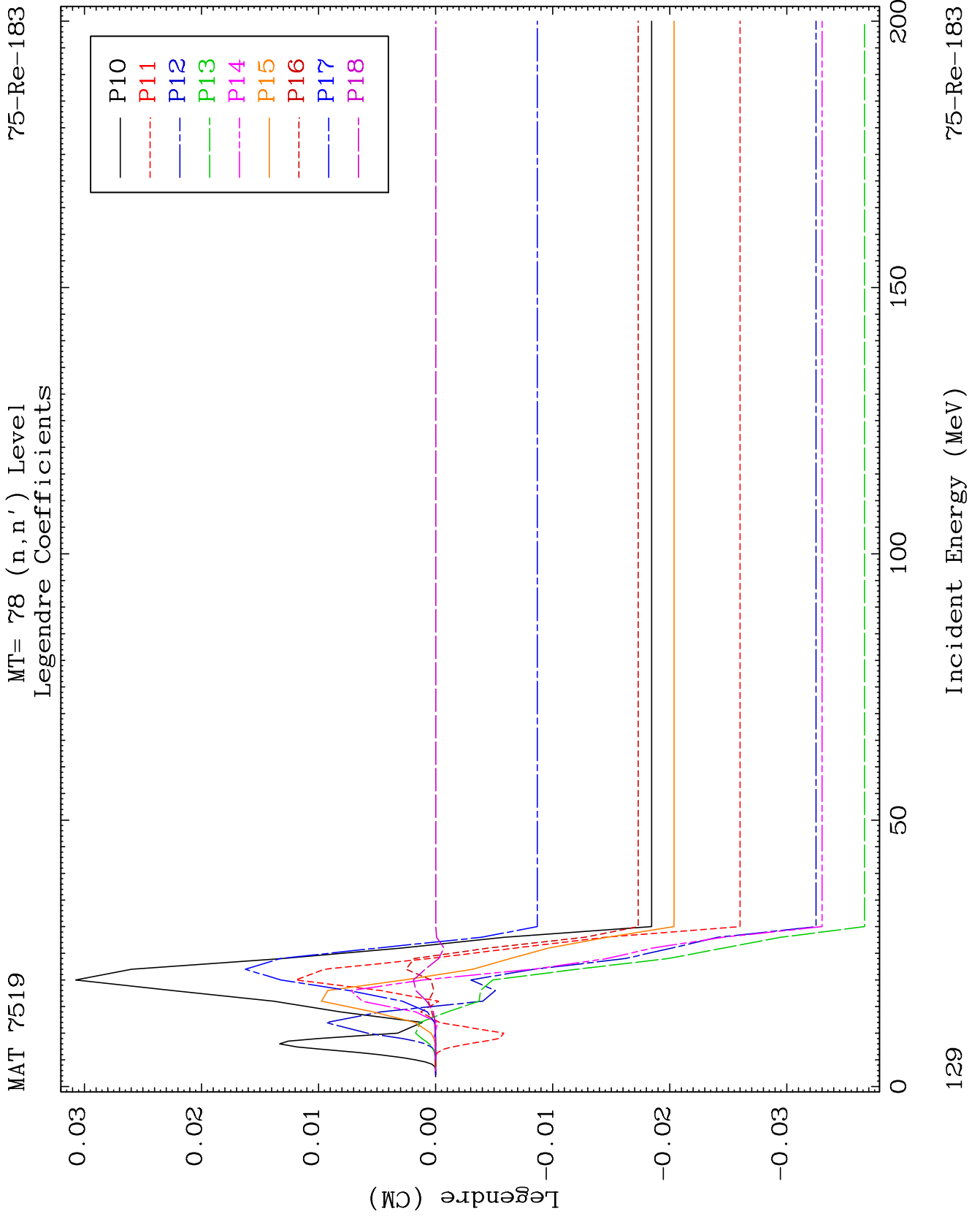


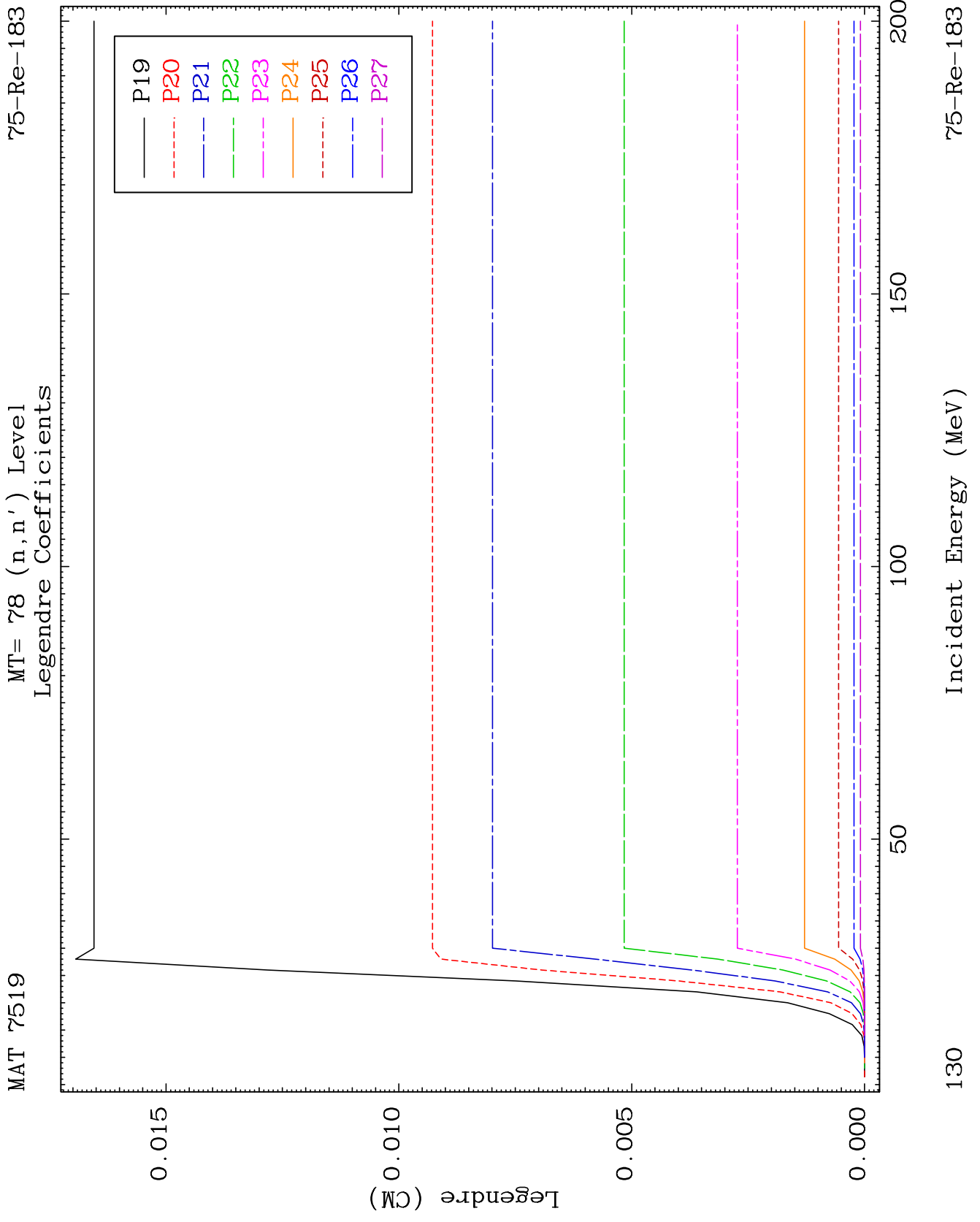
MAT 7519

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

75-Re-183



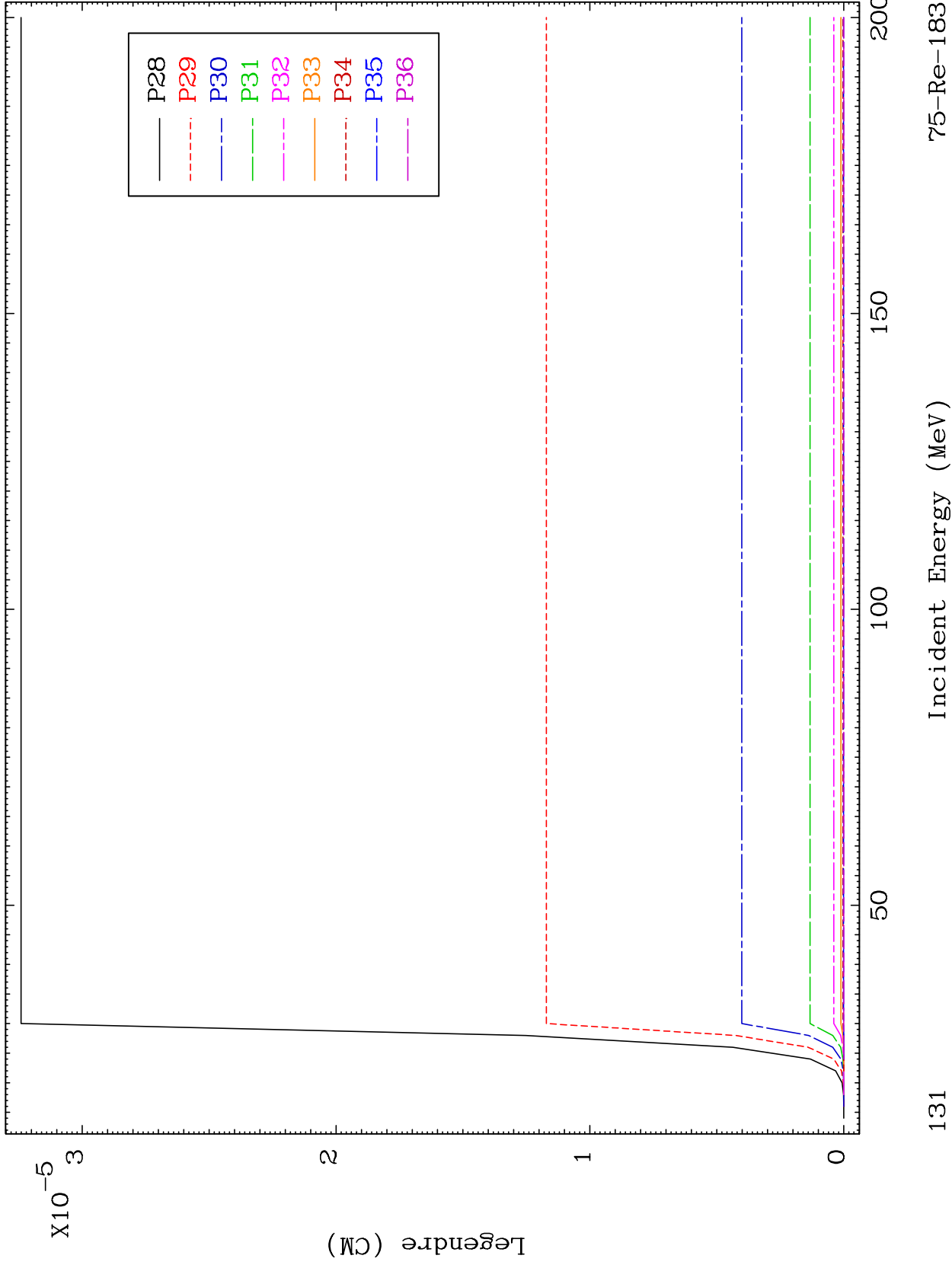




MAT 7519

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

75-Re-183



131

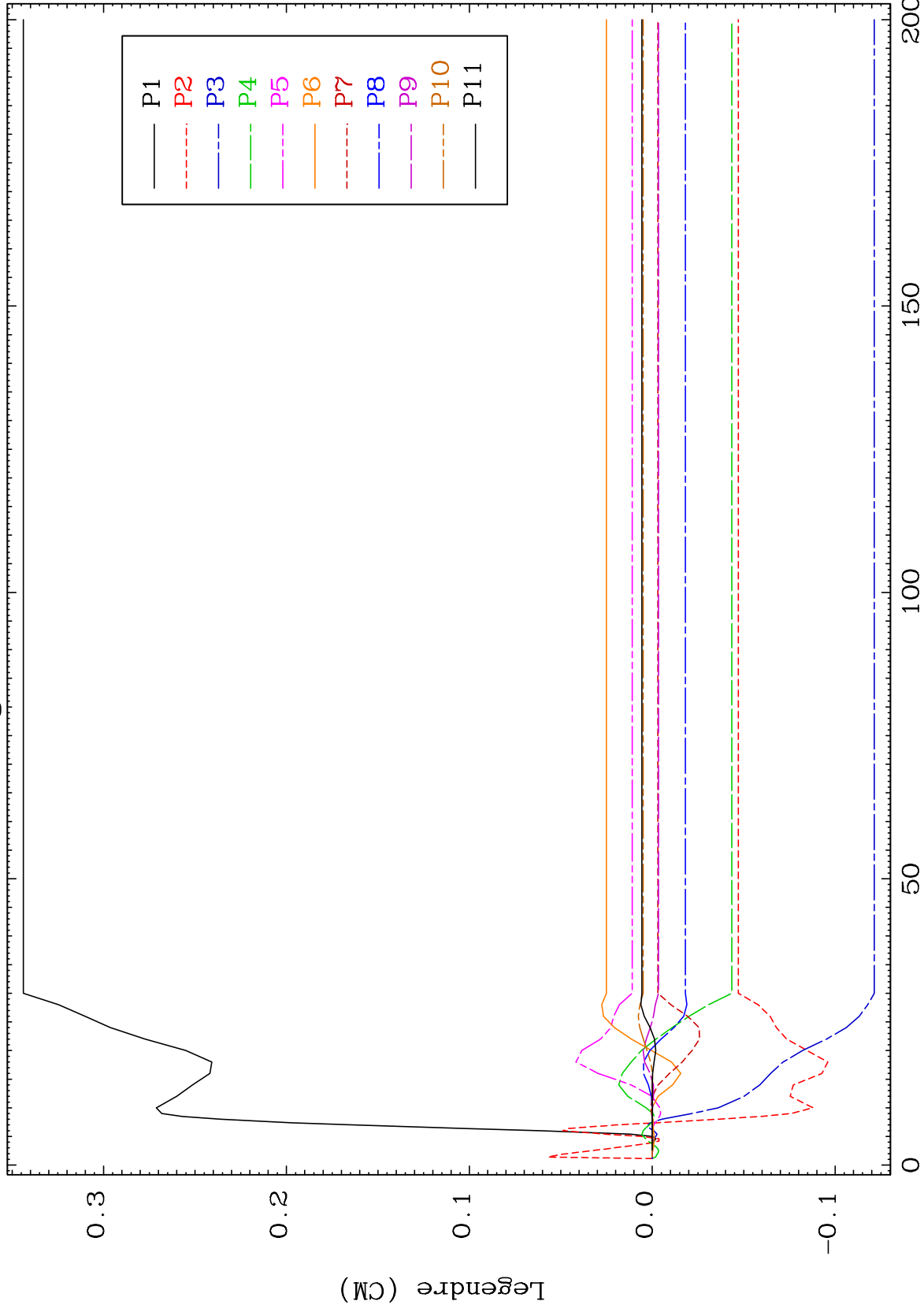
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



132

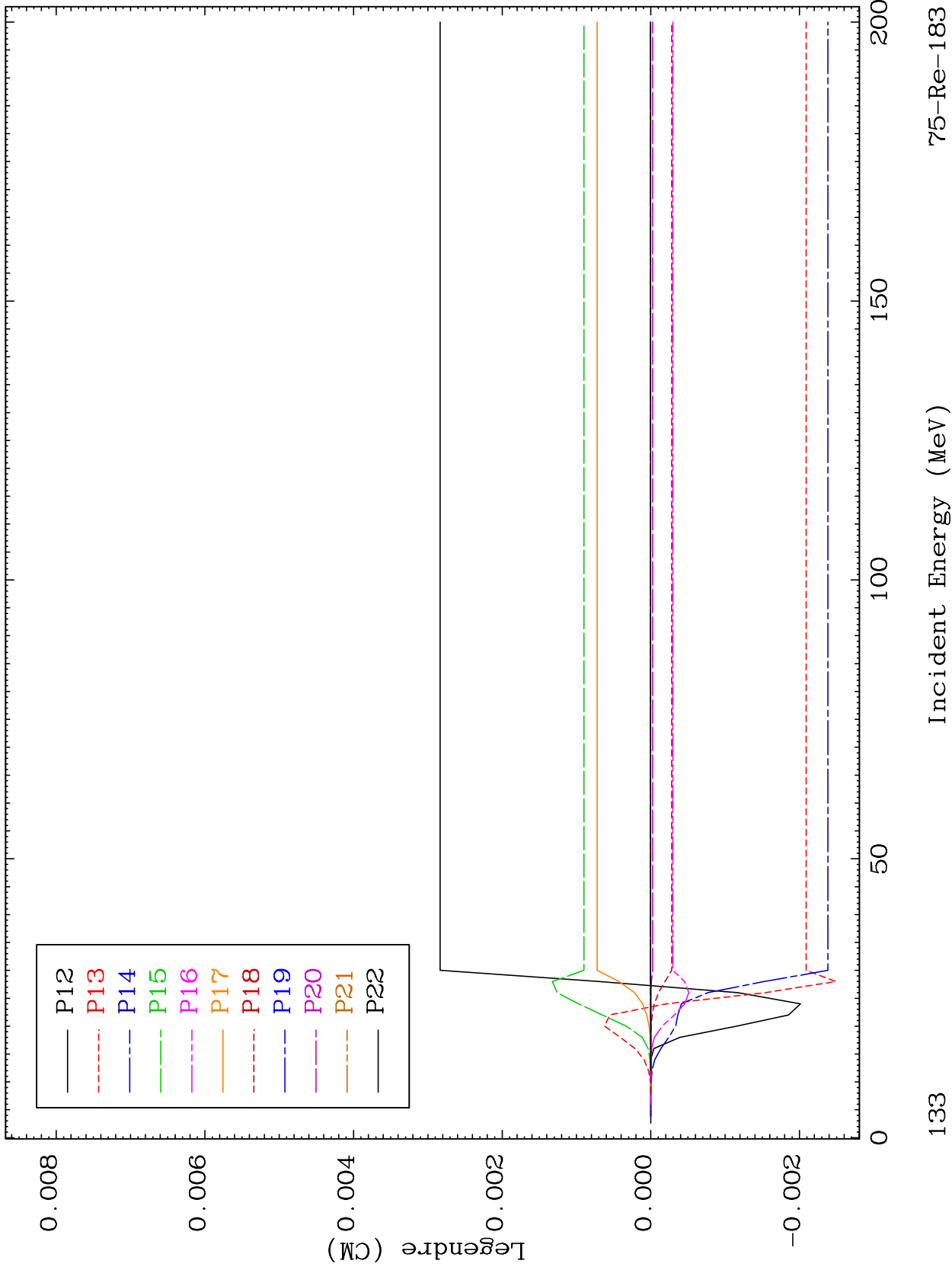
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



133

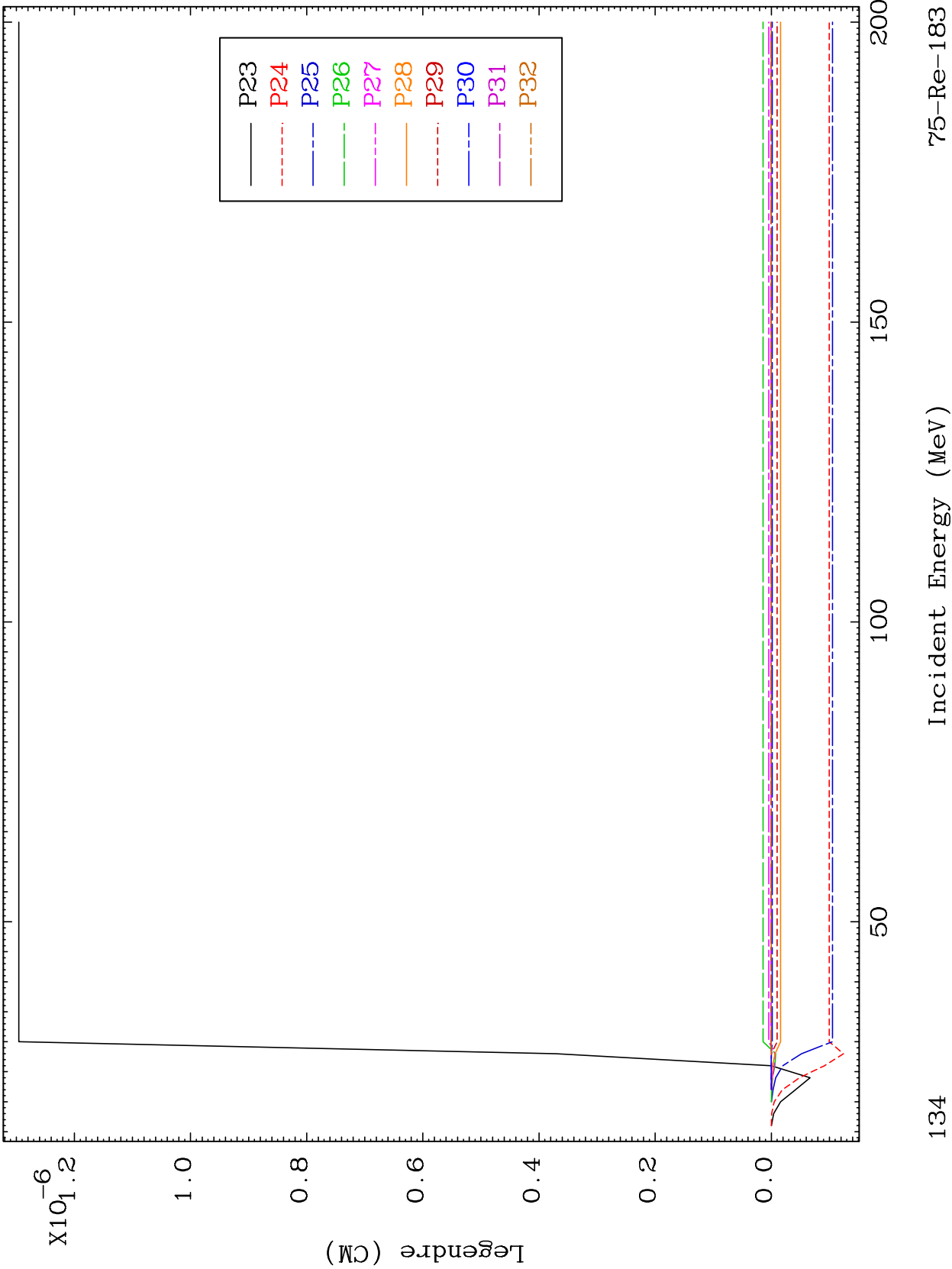
Incident Energy (MeV)

75-Re-183

MAT 7519

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

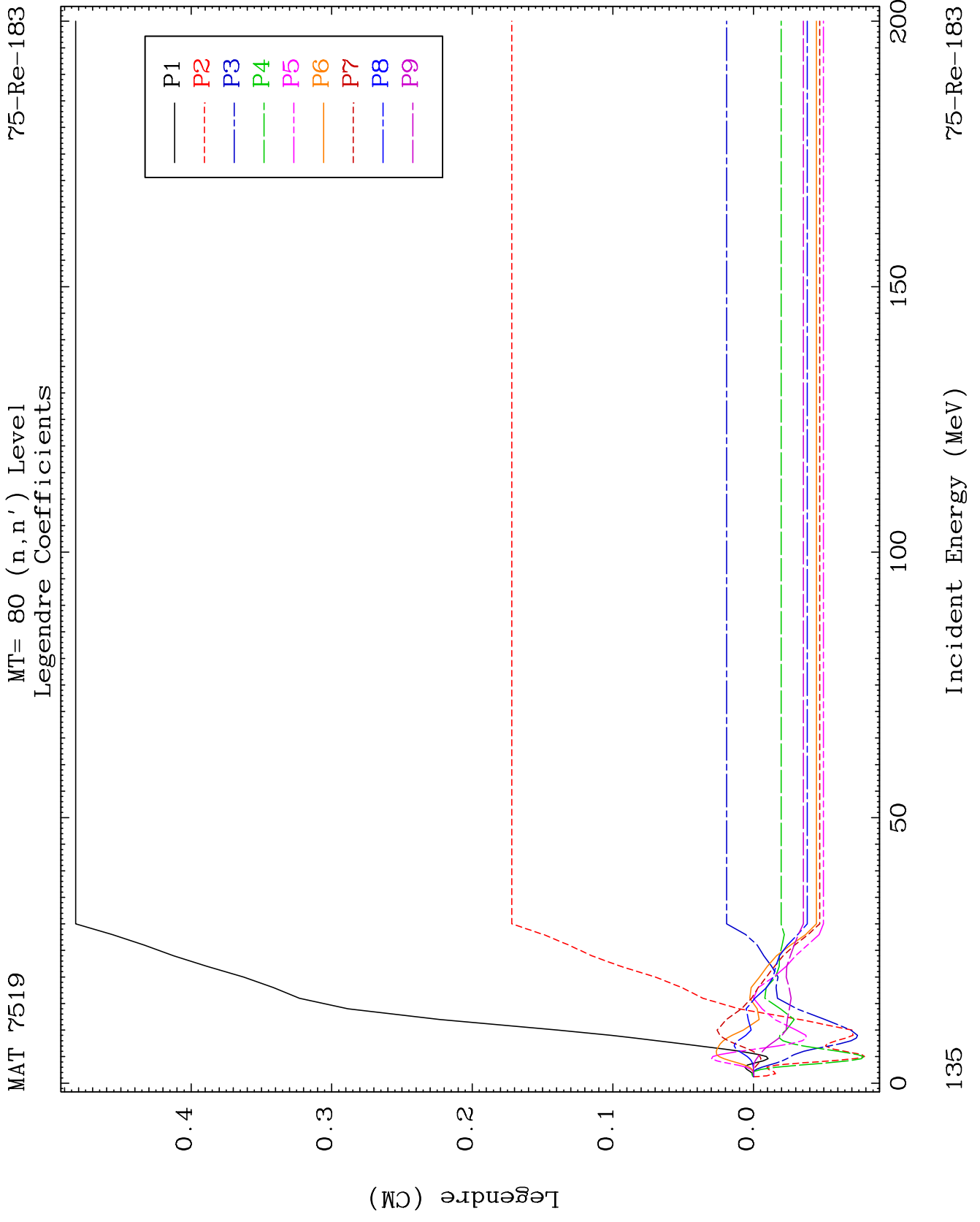
75-Re-183



134

Incident Energy (MeV)

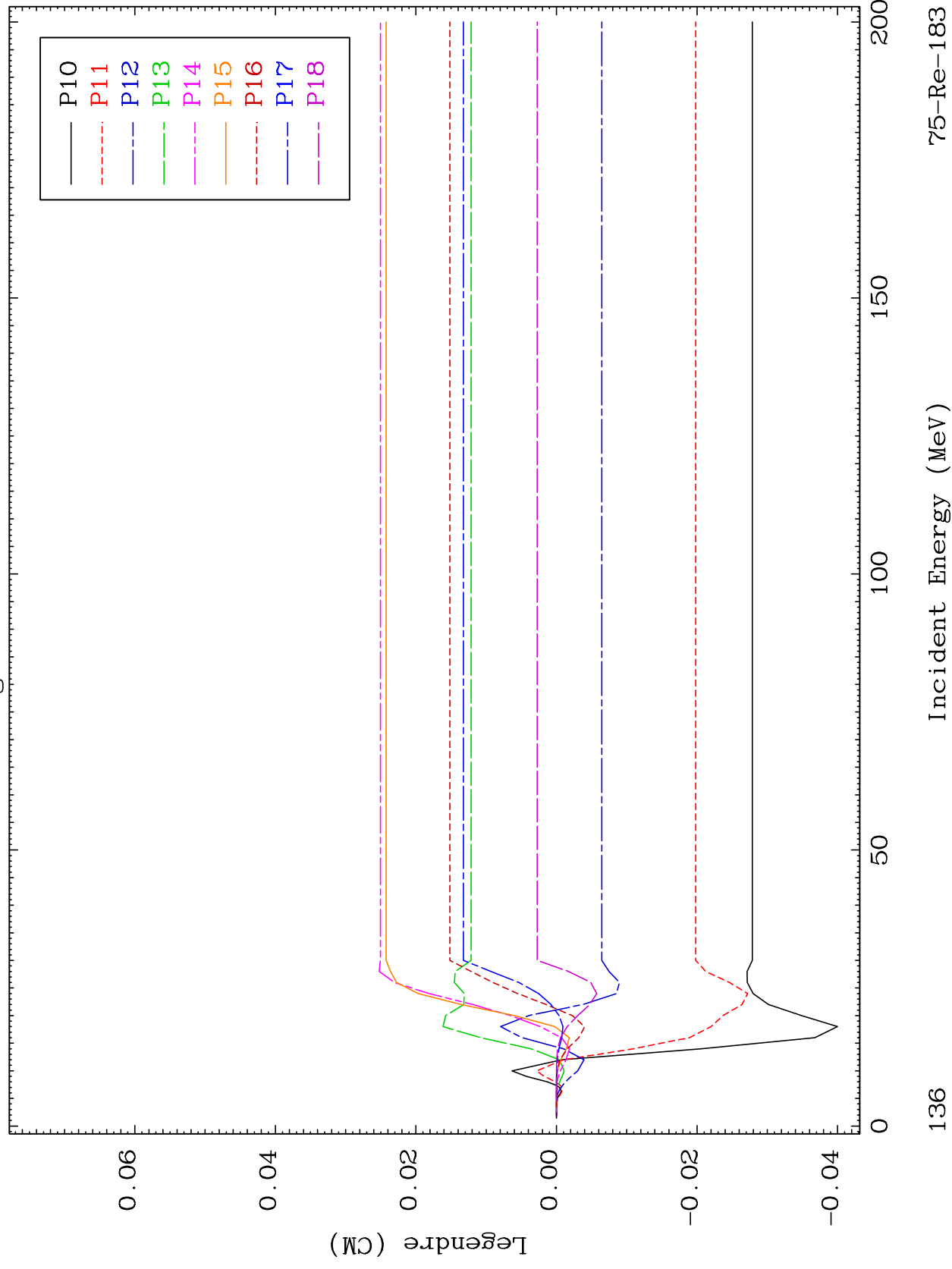
75-Re-183



MAT 7519

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

75-Re-183



136

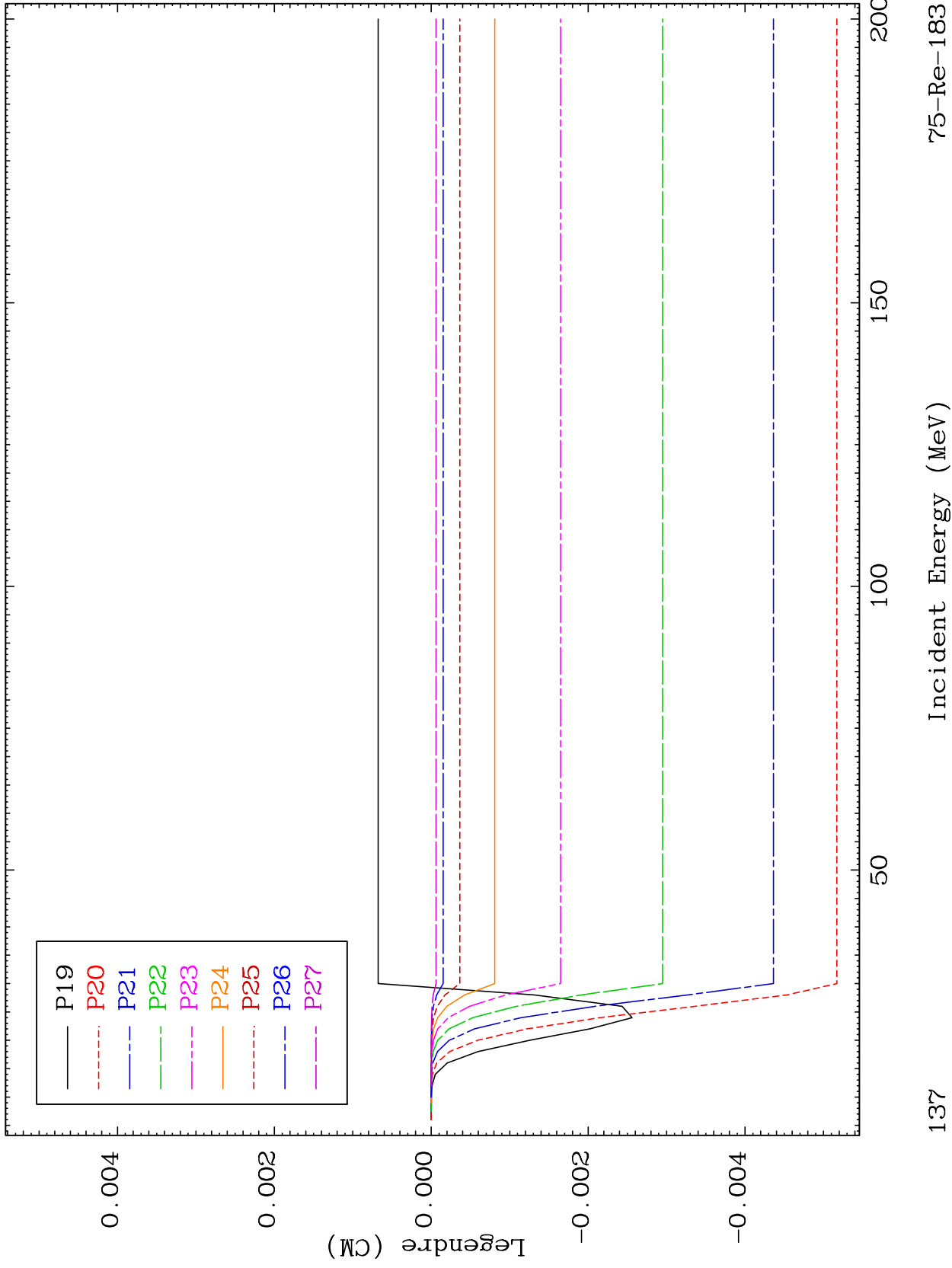
Incident Energy (MeV)

75-Re-183

MAT 7519

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

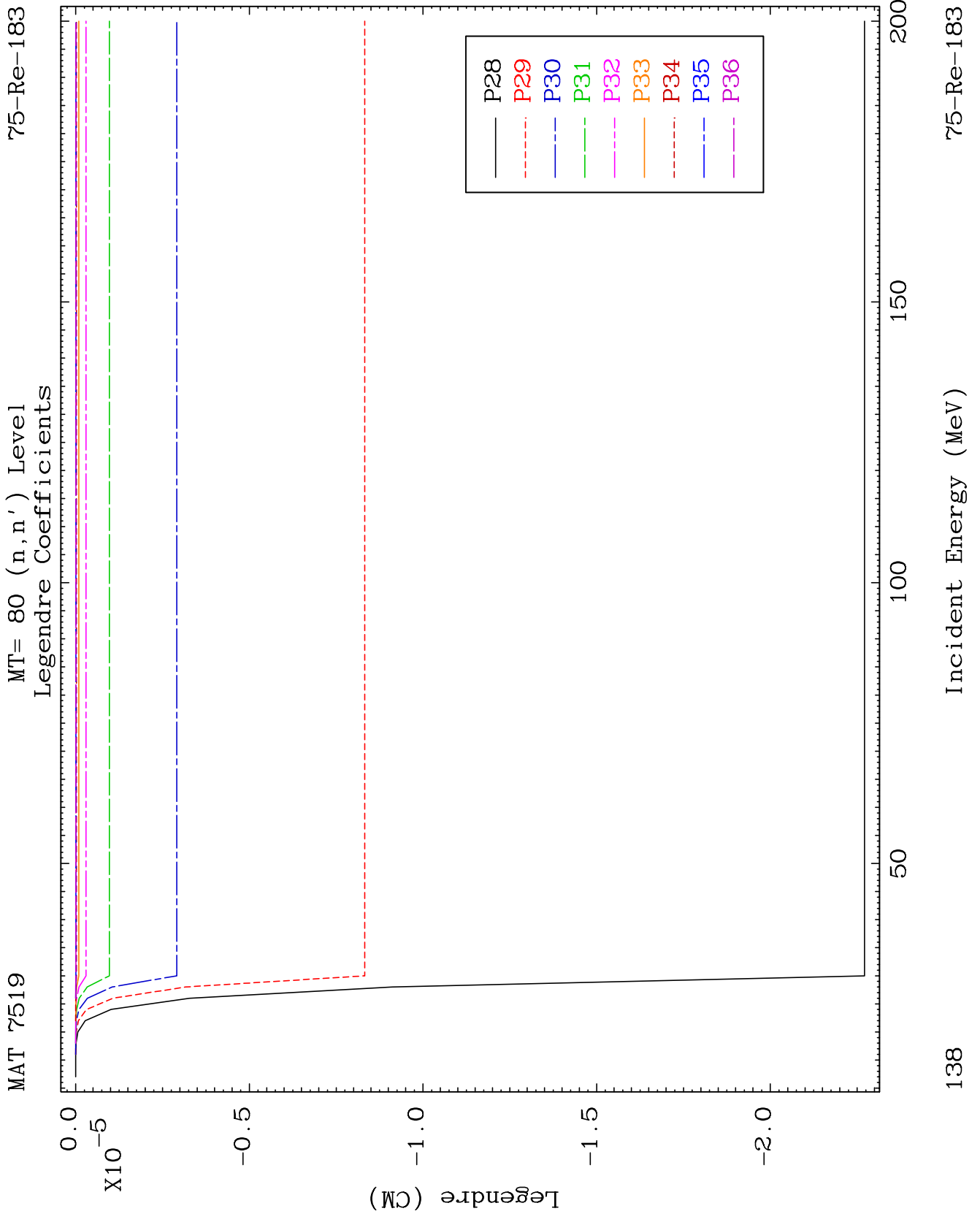
75-Re-183



137

Incident Energy (MeV)

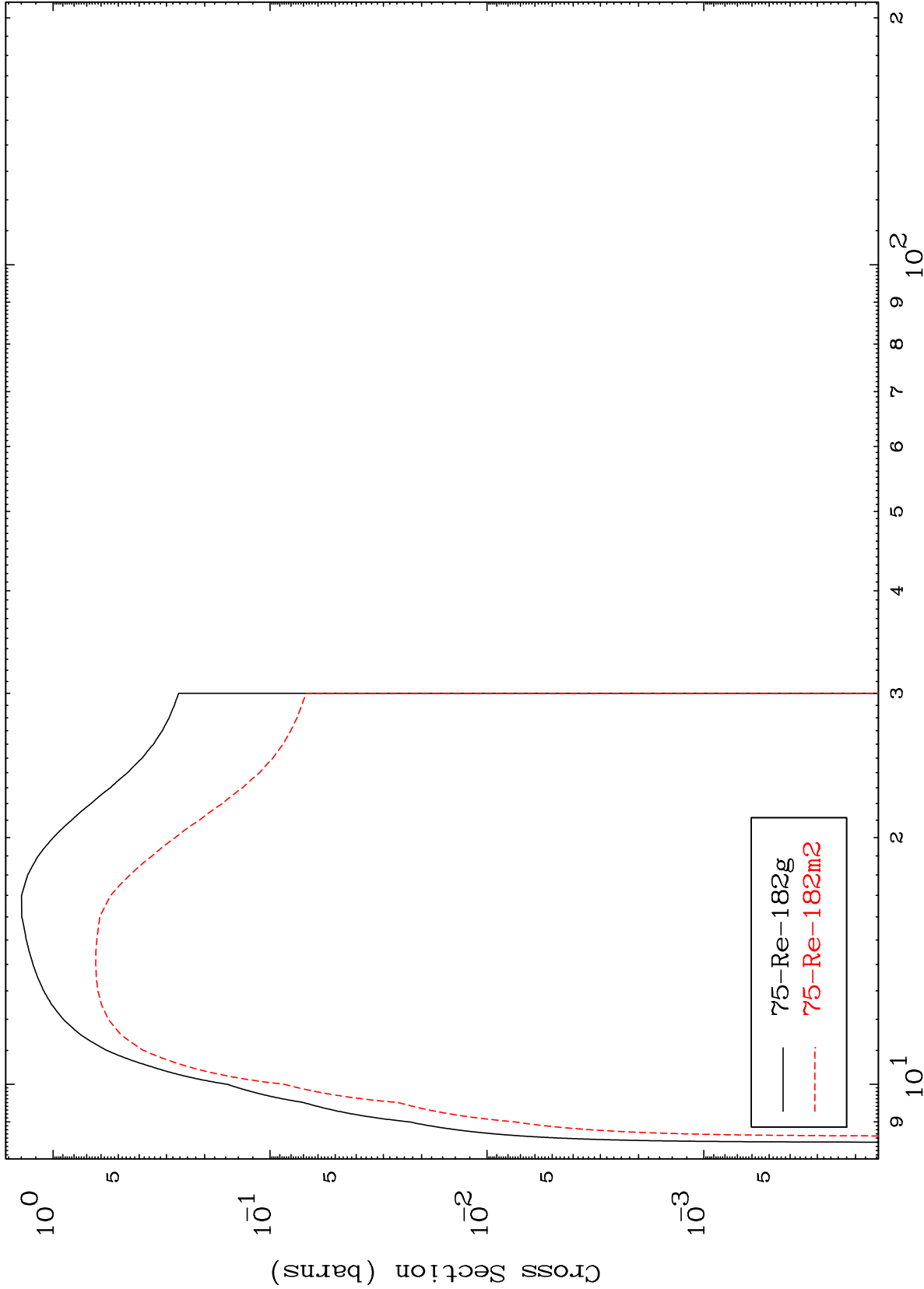
75-Re-183



MAT 7519

75-Re-183

(n,2n)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

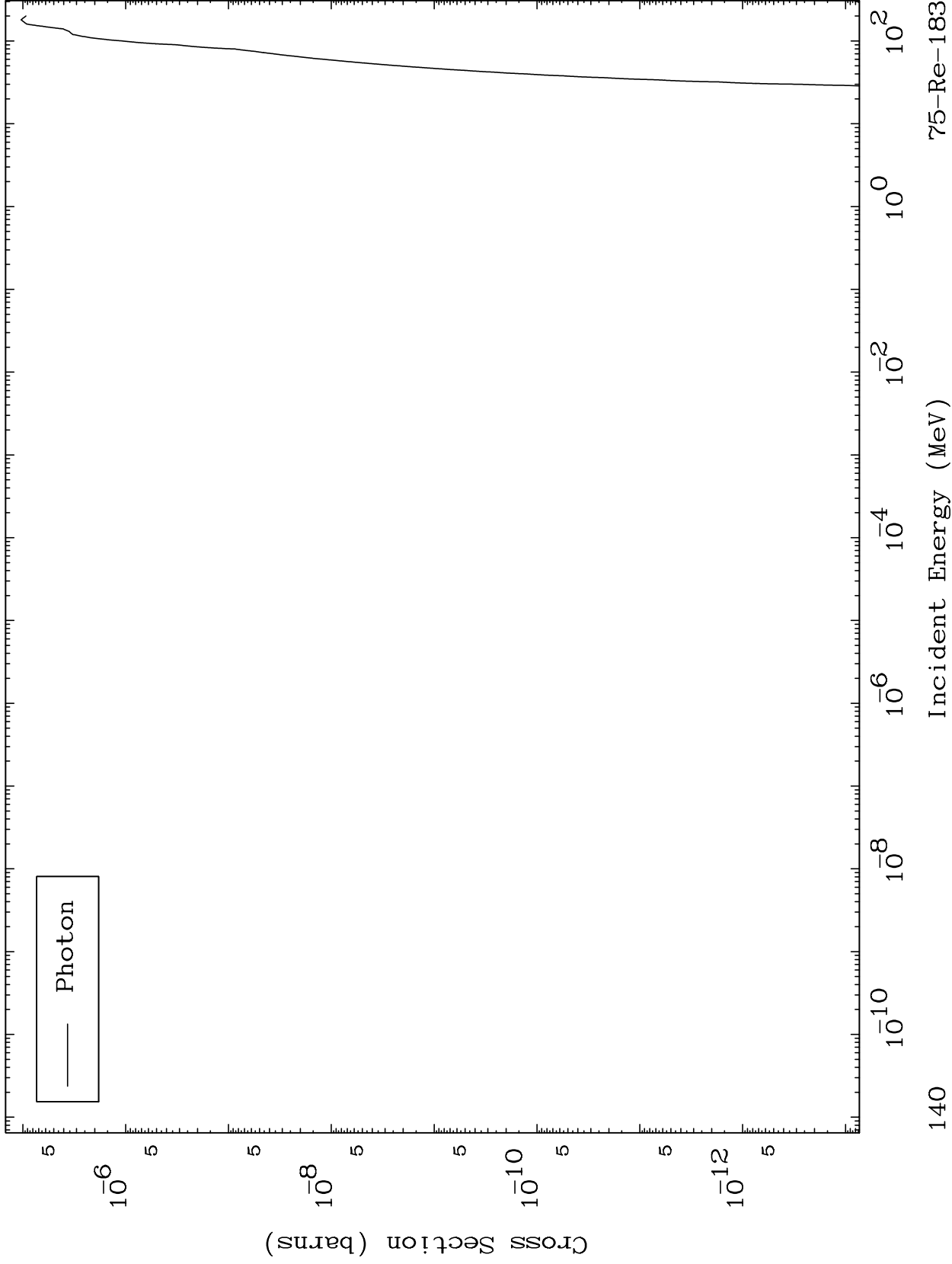
75-Re-183

MAT 7519

Fission

75-Re-183

Radionuclide Production Cross Section



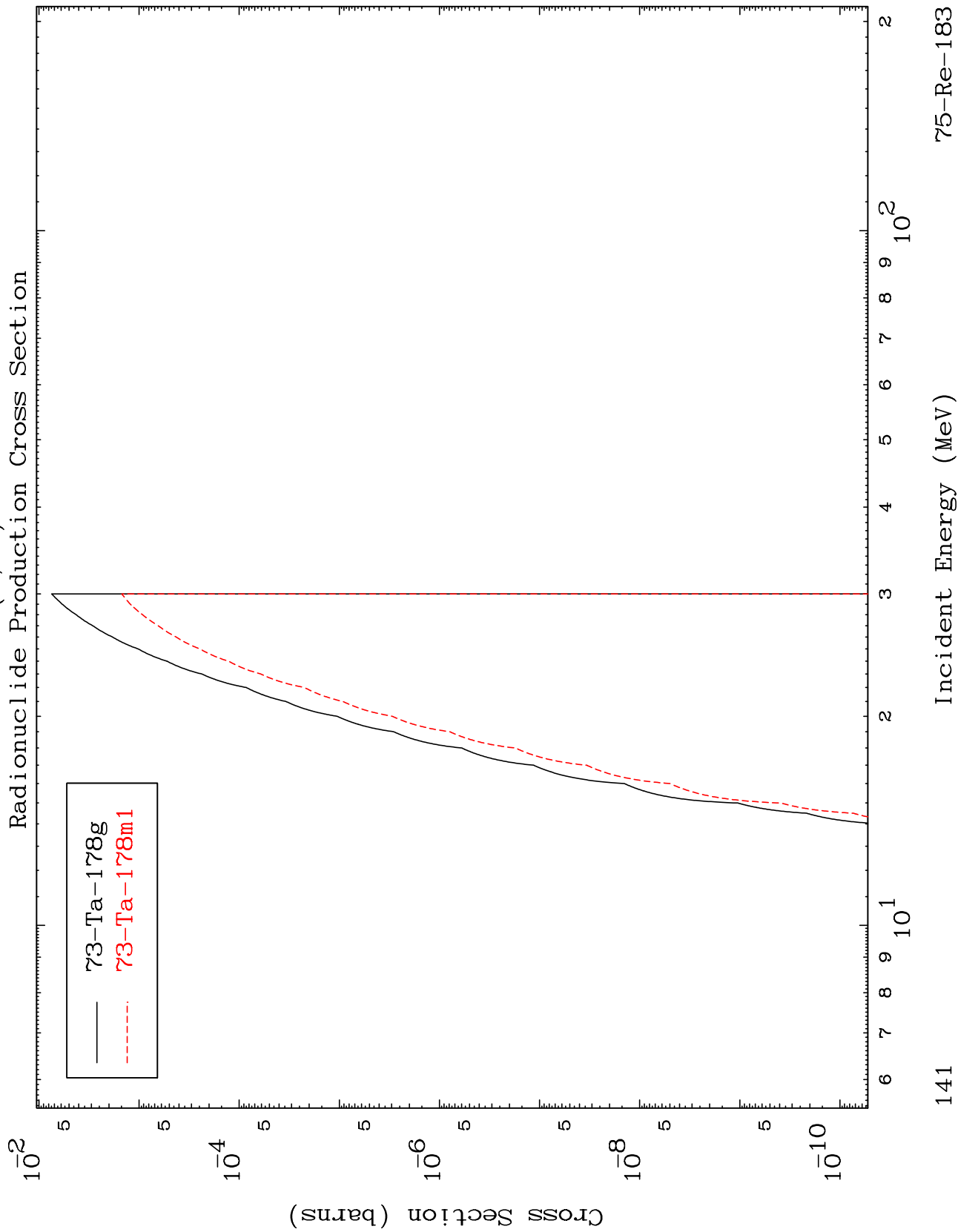
140

75-Re-183

MAT 7519

$(n,2n) \alpha$

75-Re-183



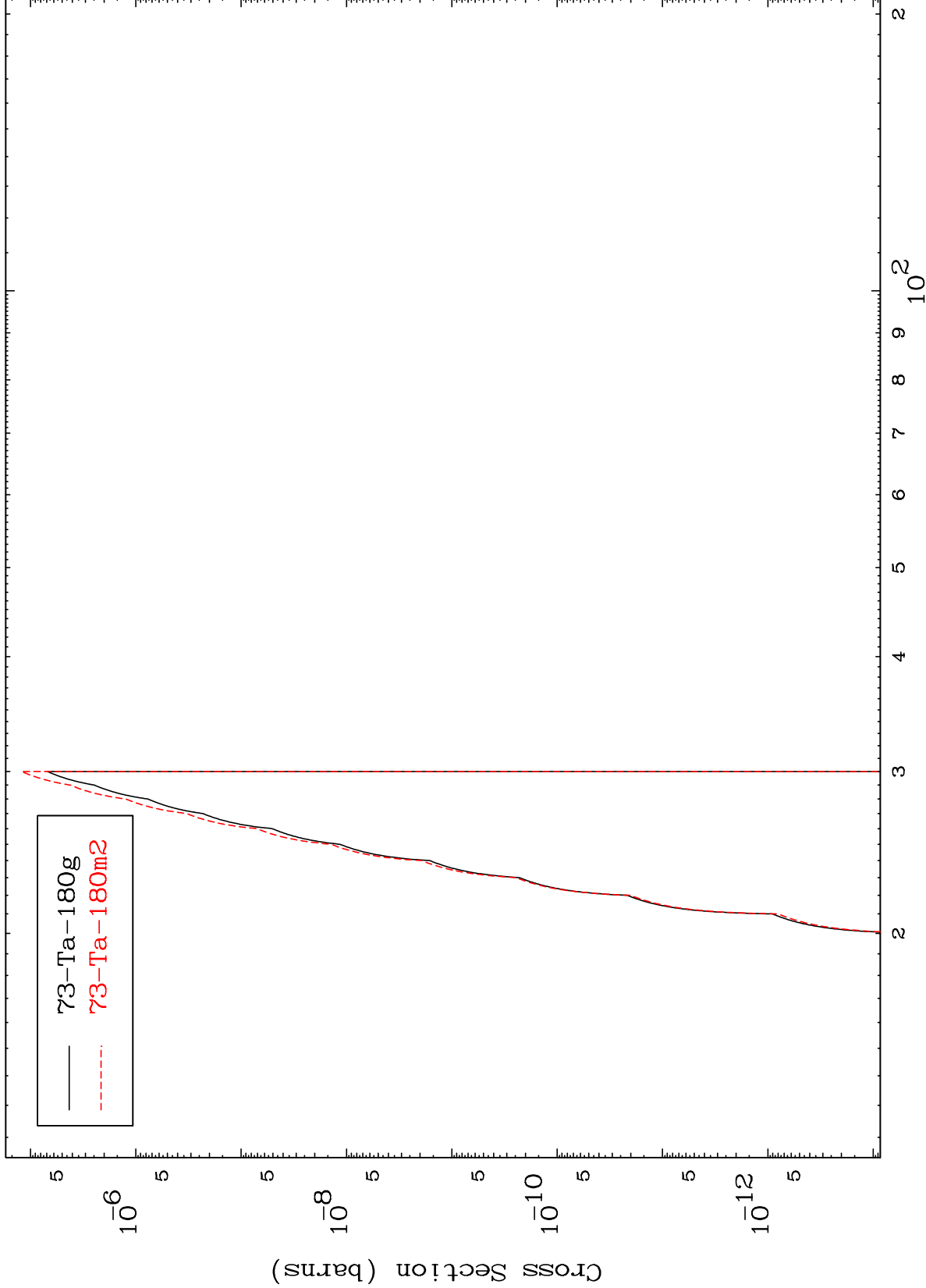
141

MAT 7519

(n,n') He-3

75-Re-183

Radionuclide Production Cross Section



142

Incident Energy (MeV)

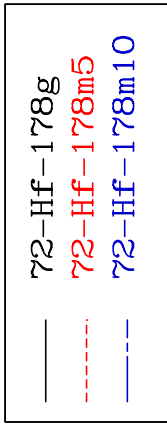
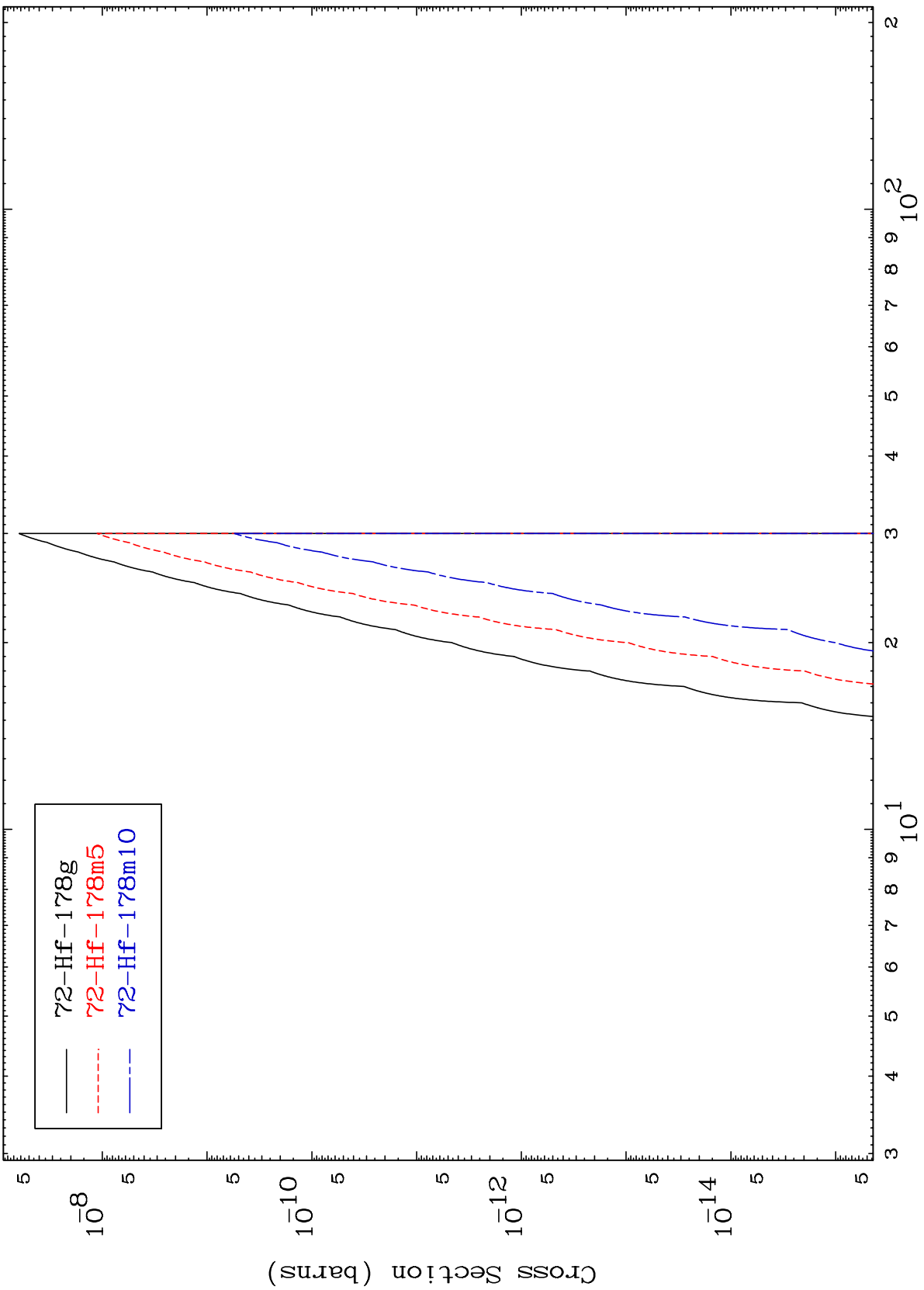
75-Re-183

MAT 7519

(n,n') p α

75-Re-183

Radionuclide Production Cross Section



143

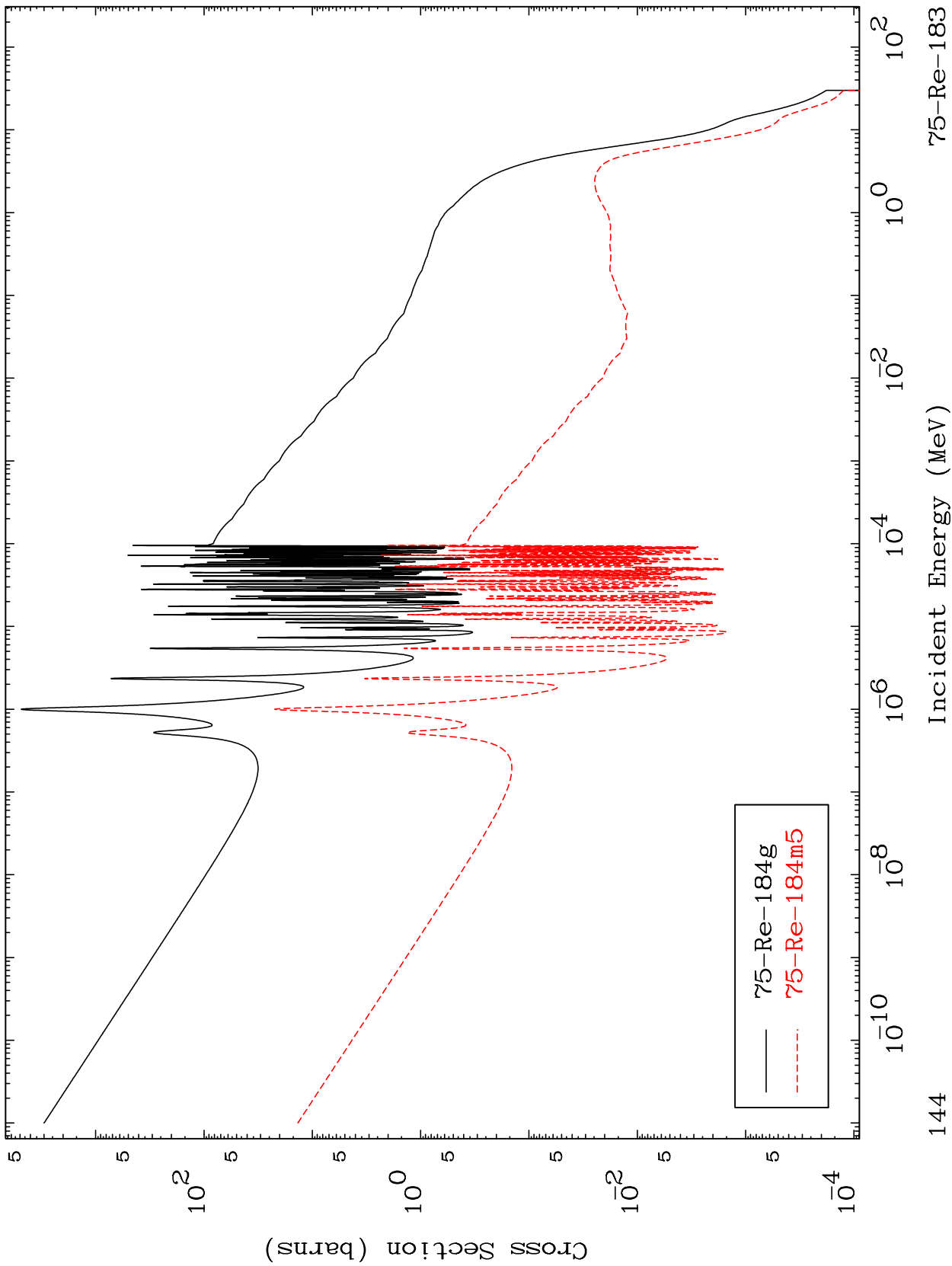
Incident Energy (MeV)

75-Re-183

MAT 7519

75-Re-183

(n, γ)
Radionuclide Production Cross Section

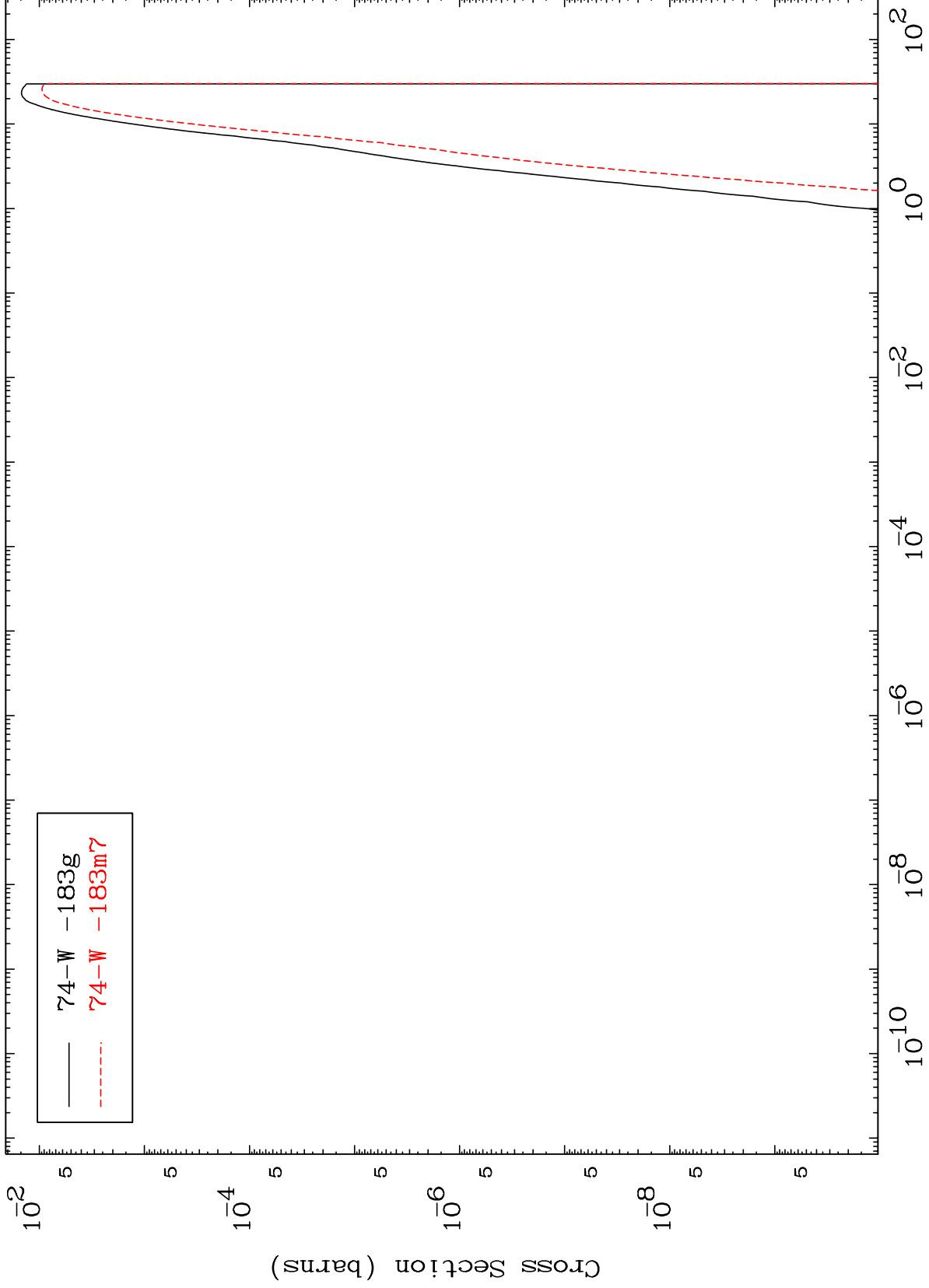


MAT 7519

(n,p)

⁷⁵Re-183

Radionuclide Production Cross Section



74-W-183g
74-W-183m7

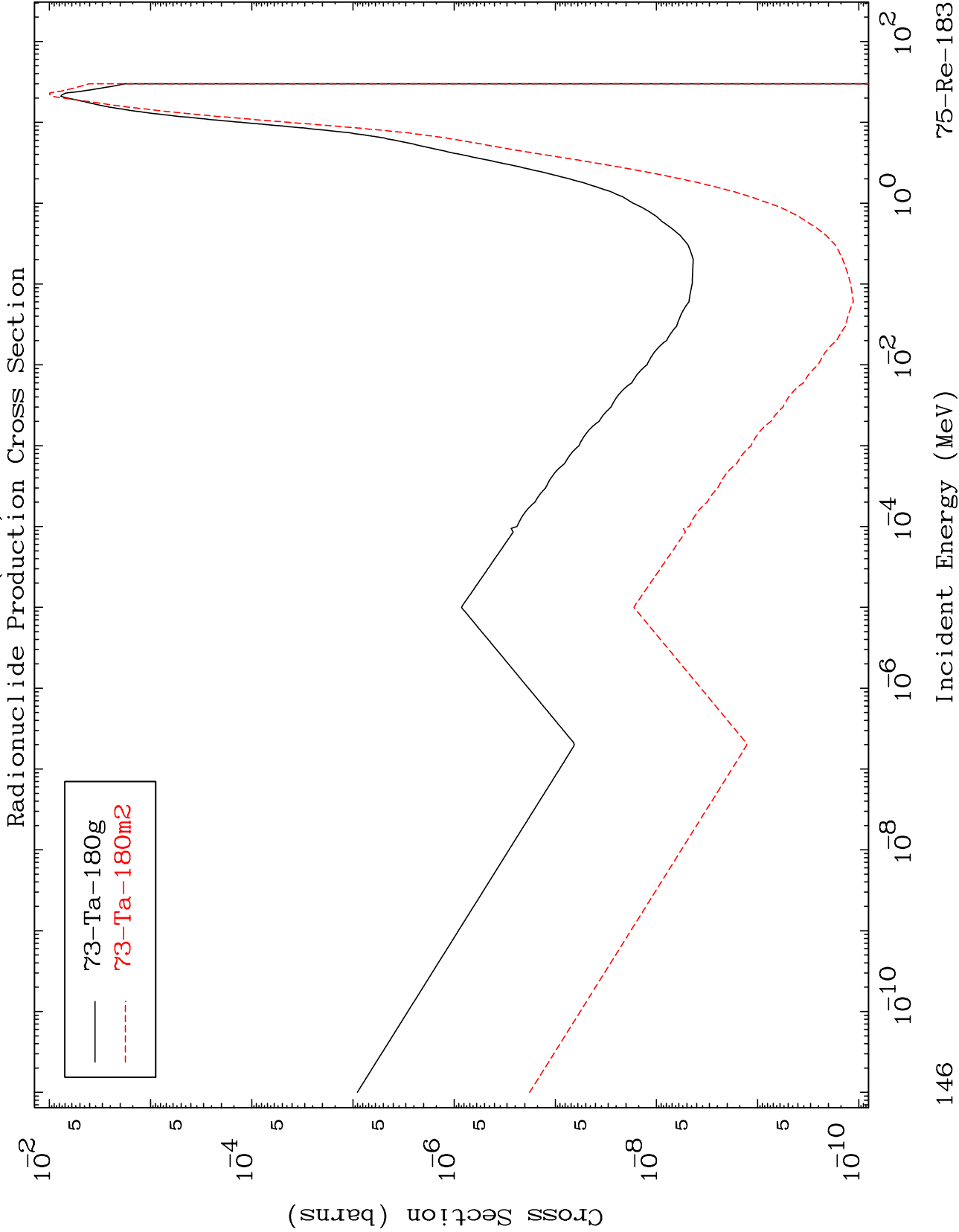
145

Incident Energy (MeV)

⁷⁵Re-183

MAT 7519

75-Re-183

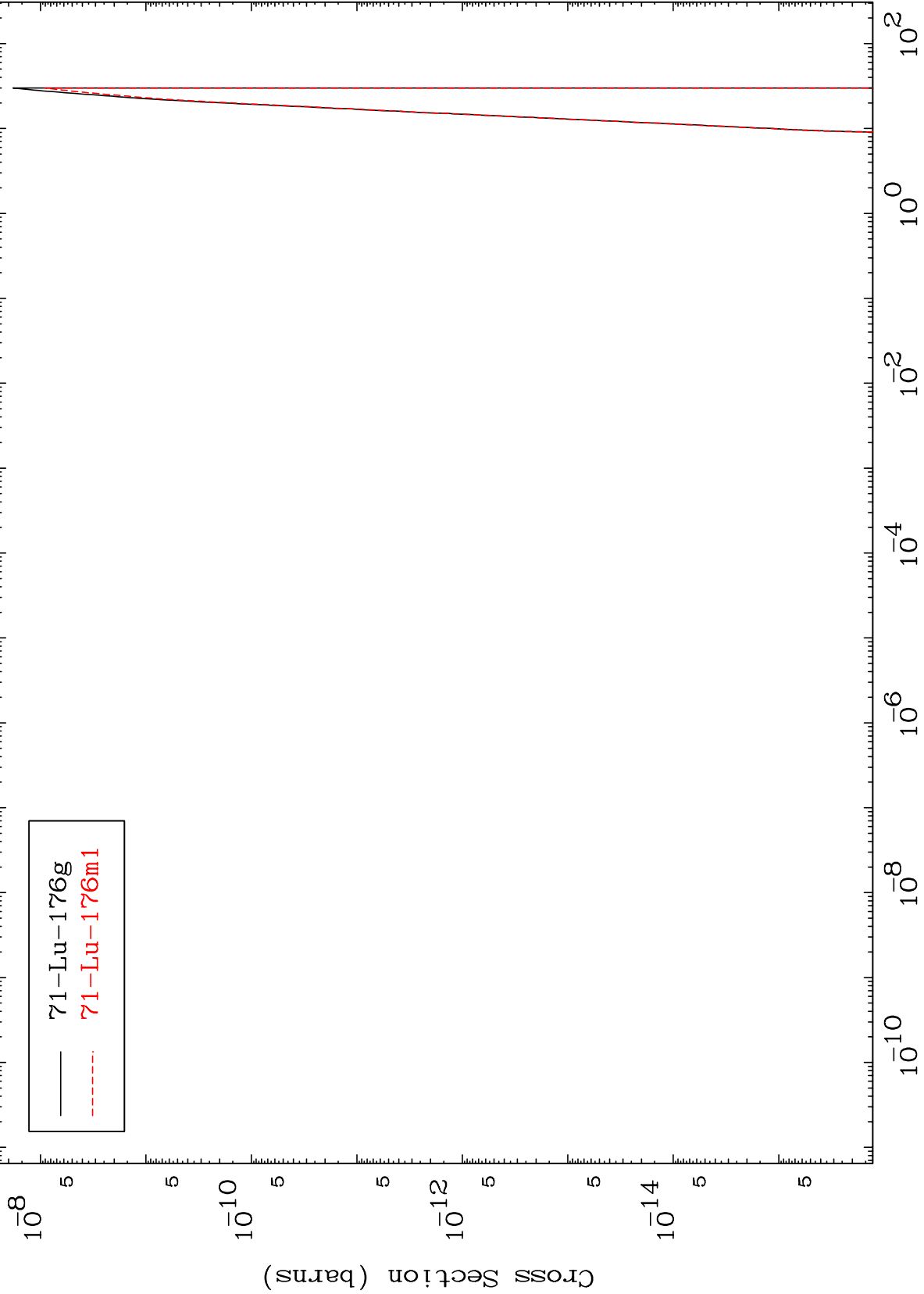


MAT 7519

(n,2α)

75-Re-183

Radionuclide Production Cross Section

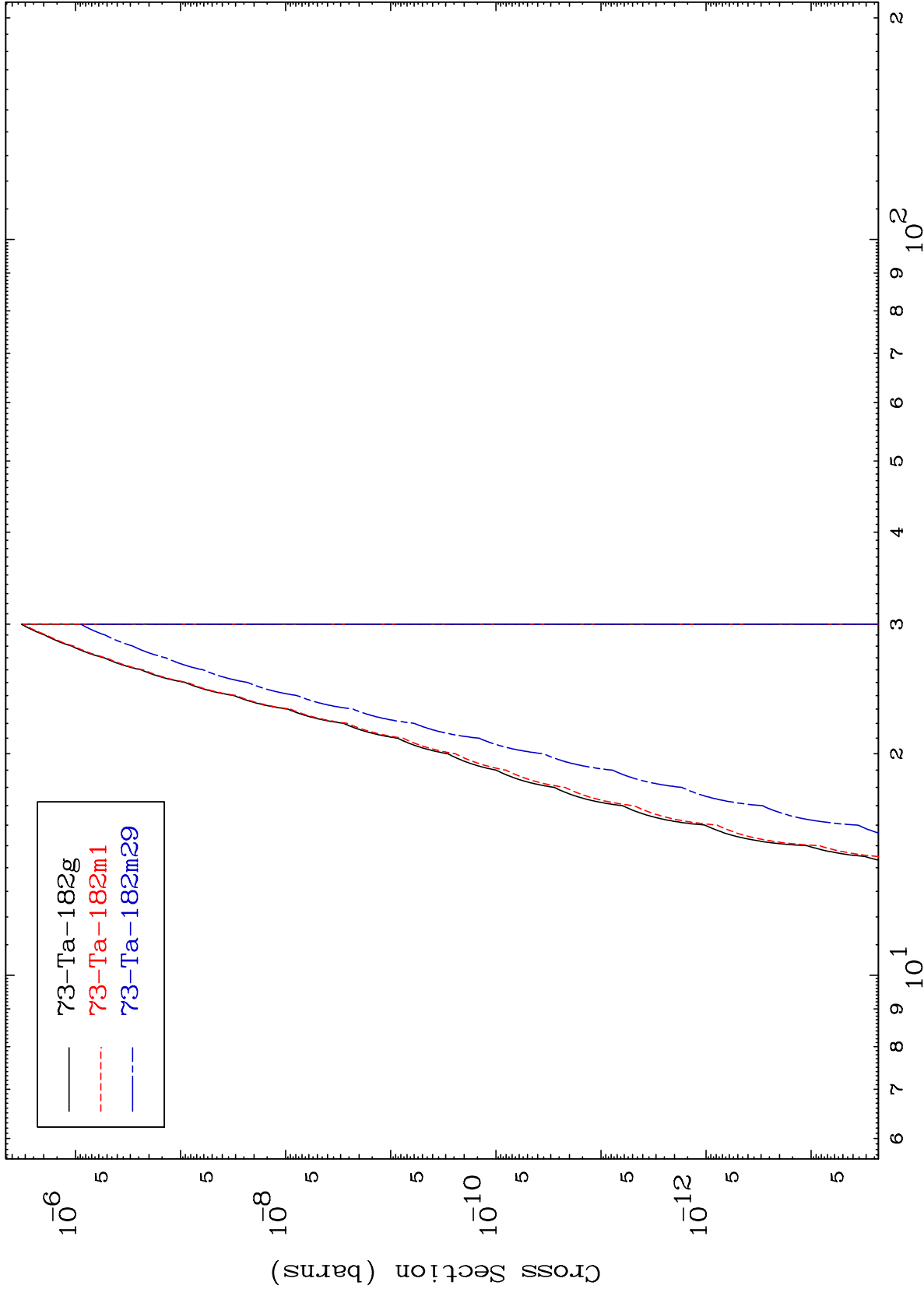


71-Lu-176g
71-Lu-176m1

MAT 7519

75-Re-183

(n,2p)
Radionuclide Production Cross Section



148

75-Re-183

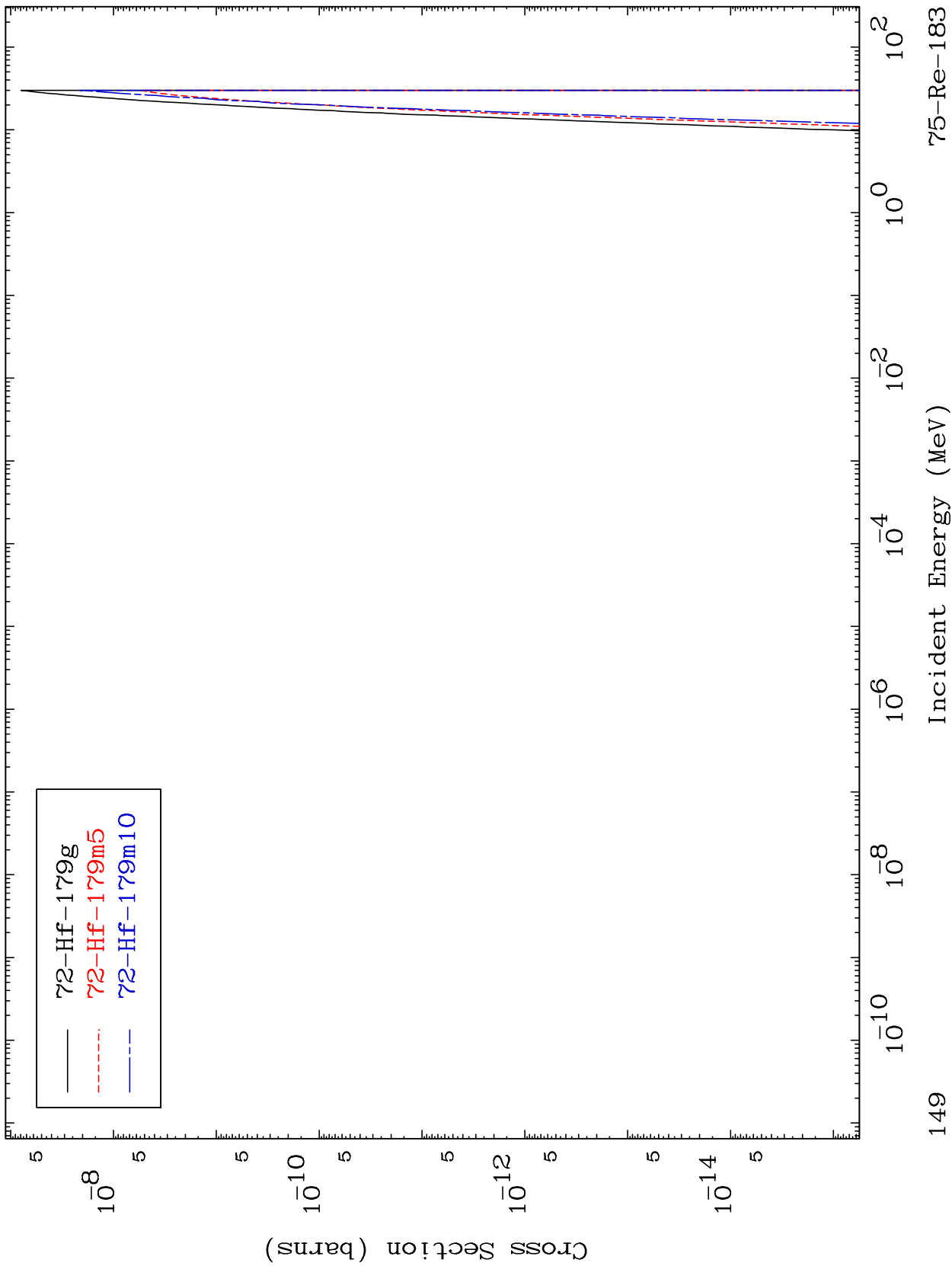
Incident Energy (MeV)

MAT 7519

(n,p) α

75-Re-183

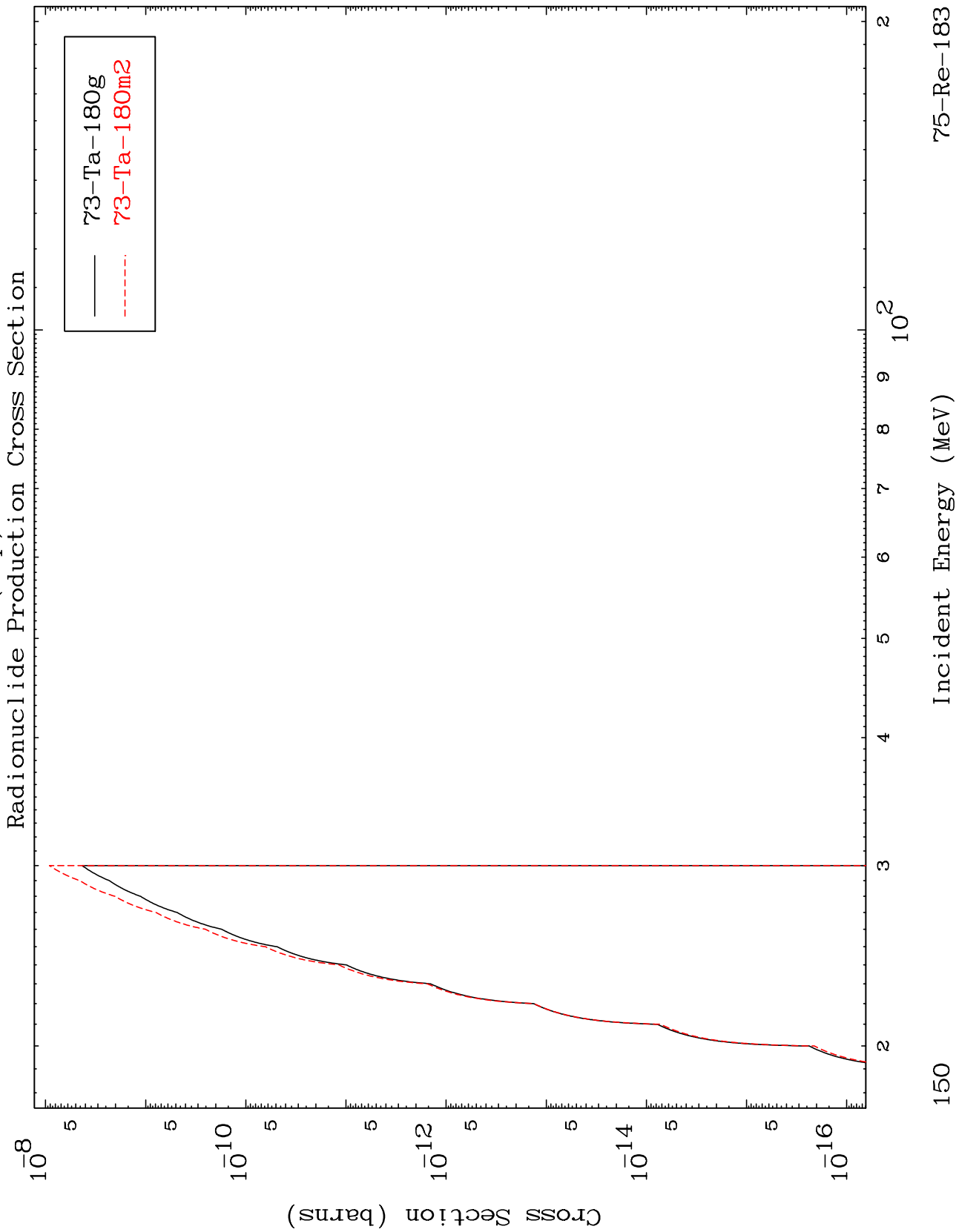
Radionuclide Production Cross Section



MAT 7519

(n,p) t

75-Re-183

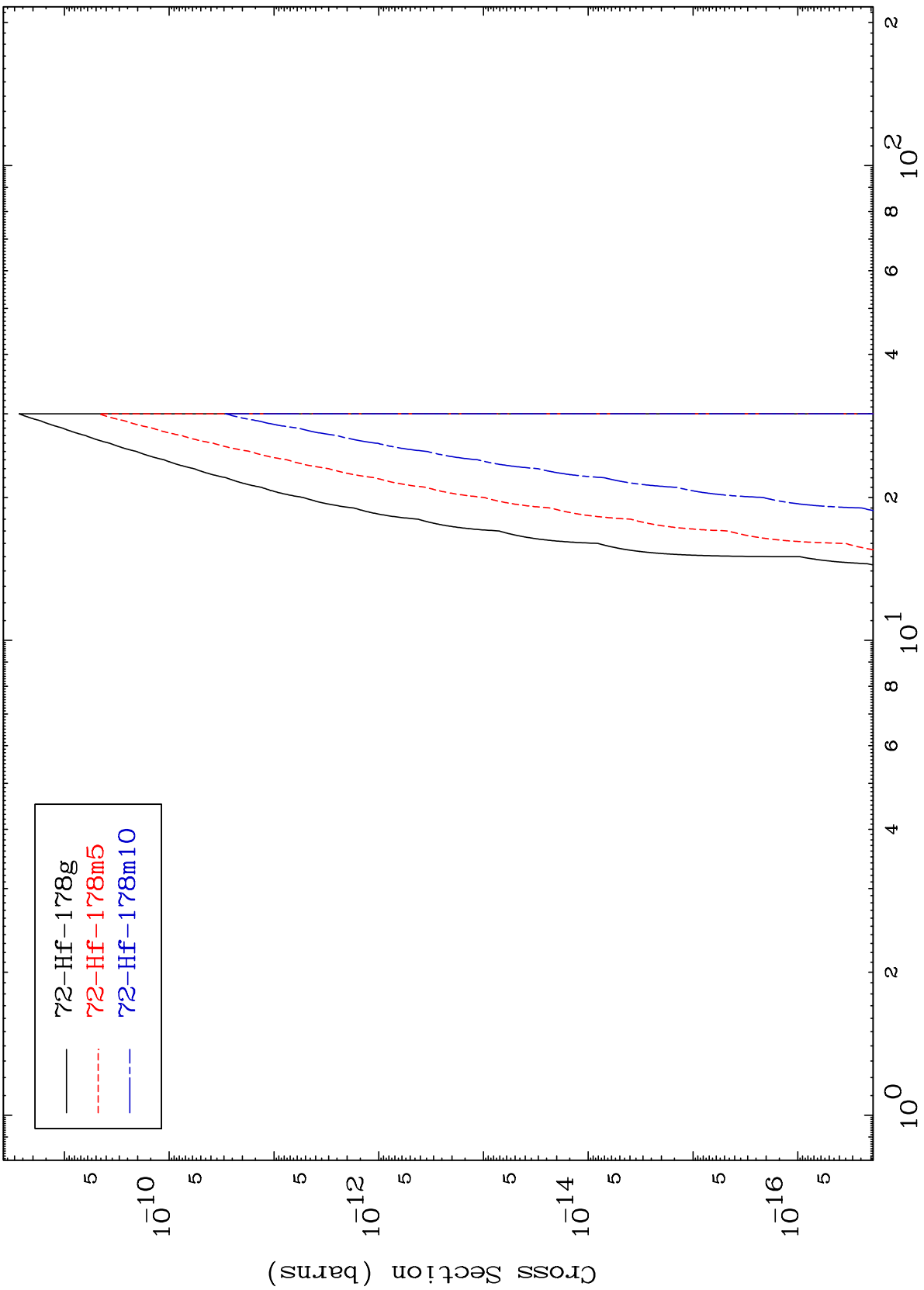


MAT 7519

(n,d) α

75-Re-183

Radionuclide Production Cross Section



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Incident Energy (MeV)

75-Re-183