

Program EVALPLOT
(Version 2021-1)

by

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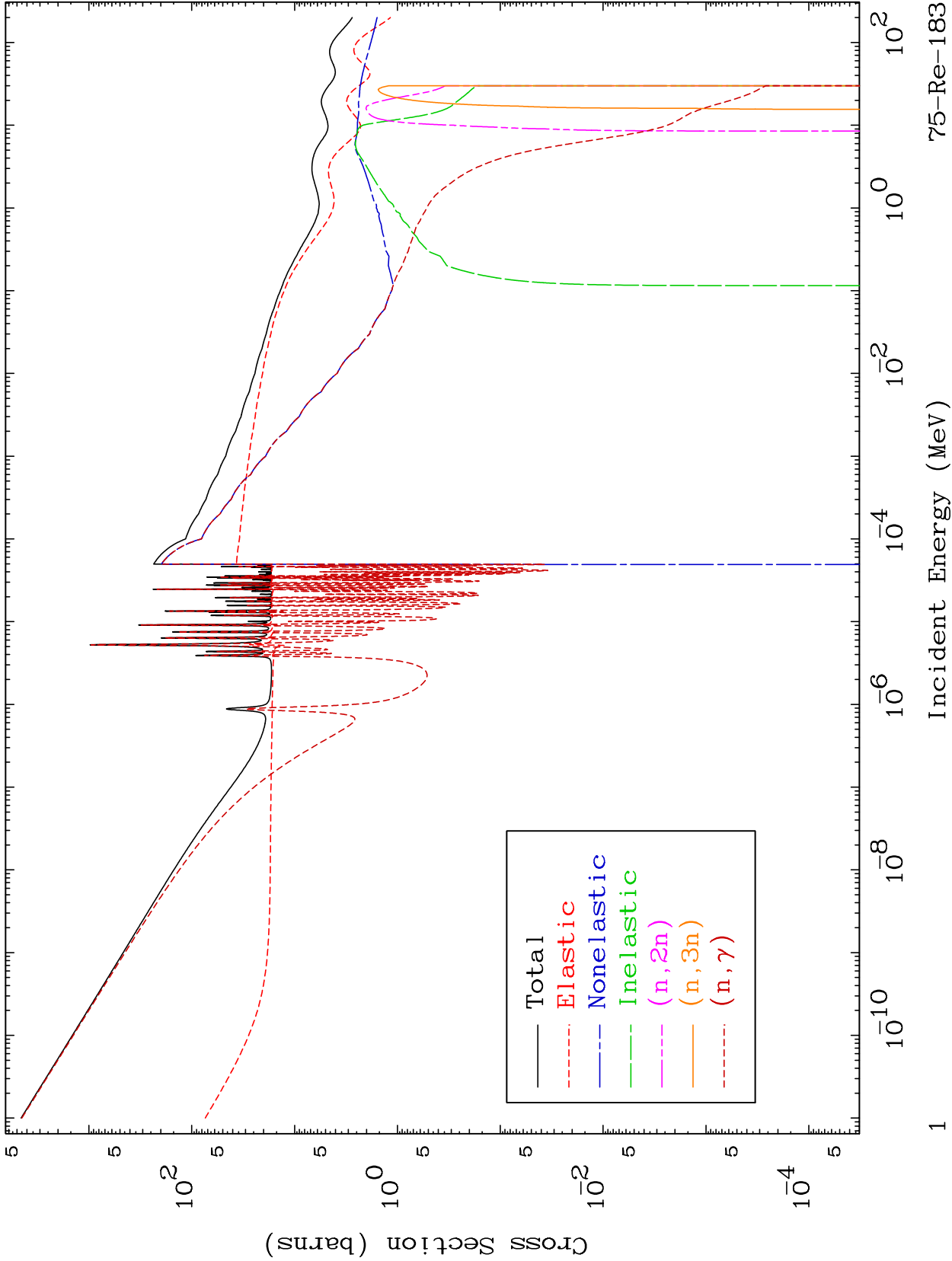
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Press Mouse Button to Start

MAT 7519

Neutron Major
293 Kelvin Cross Sections

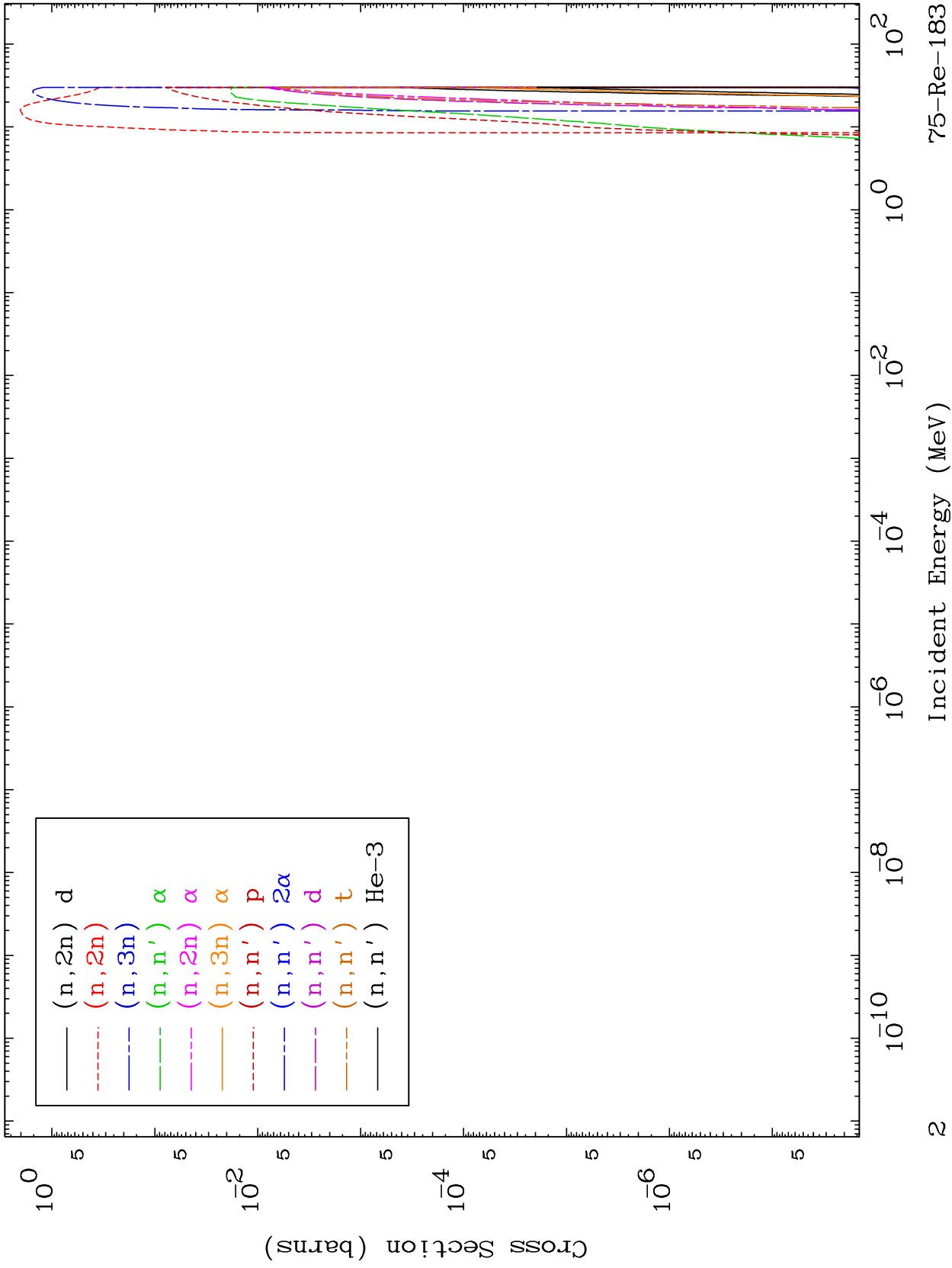
75-Re-183



MAT 7519

Neutron Absorption
293 Kelvin Cross Sections

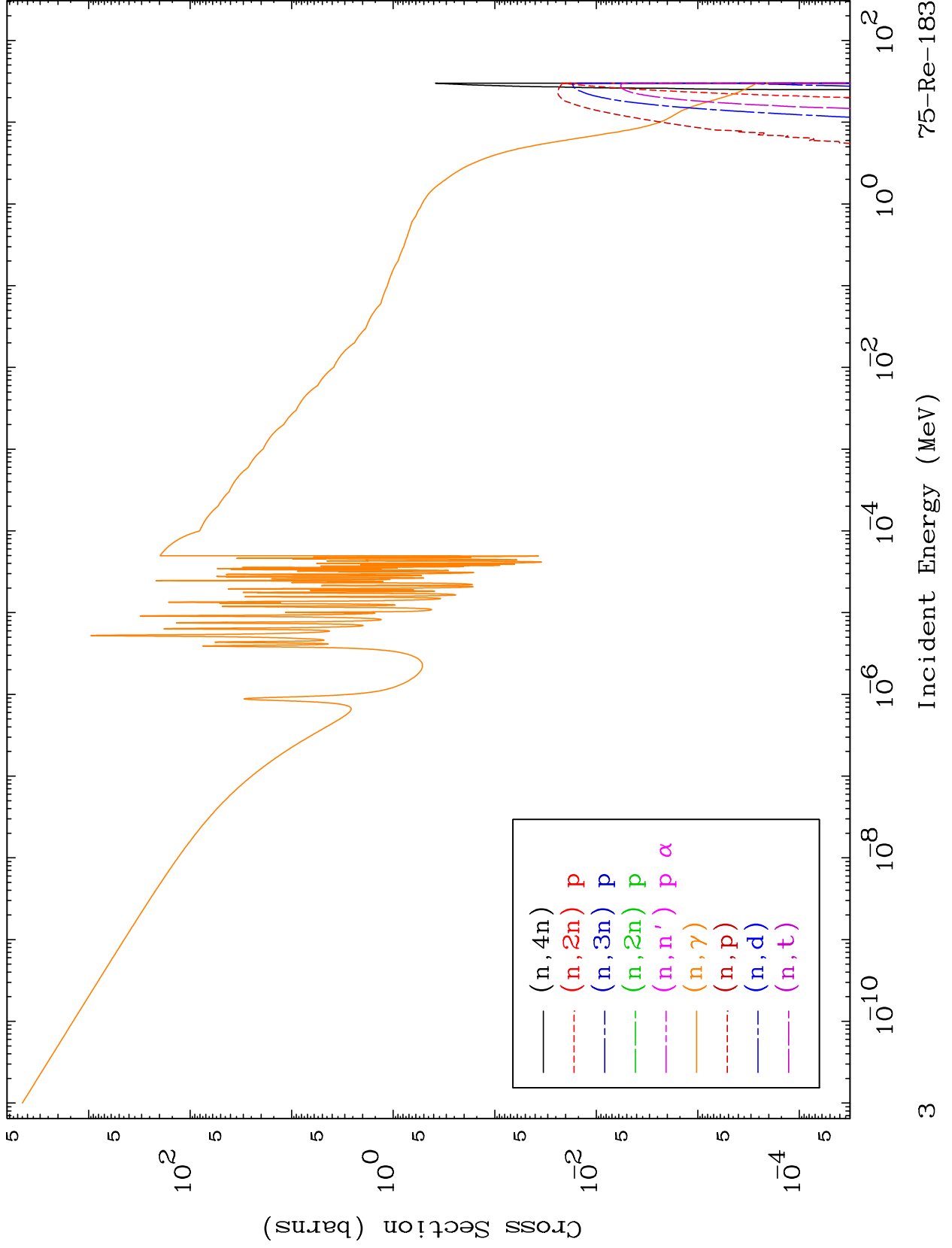
75-Re-183



MAT 7519

Neutron Absorption
293 Kelvin Cross Sections

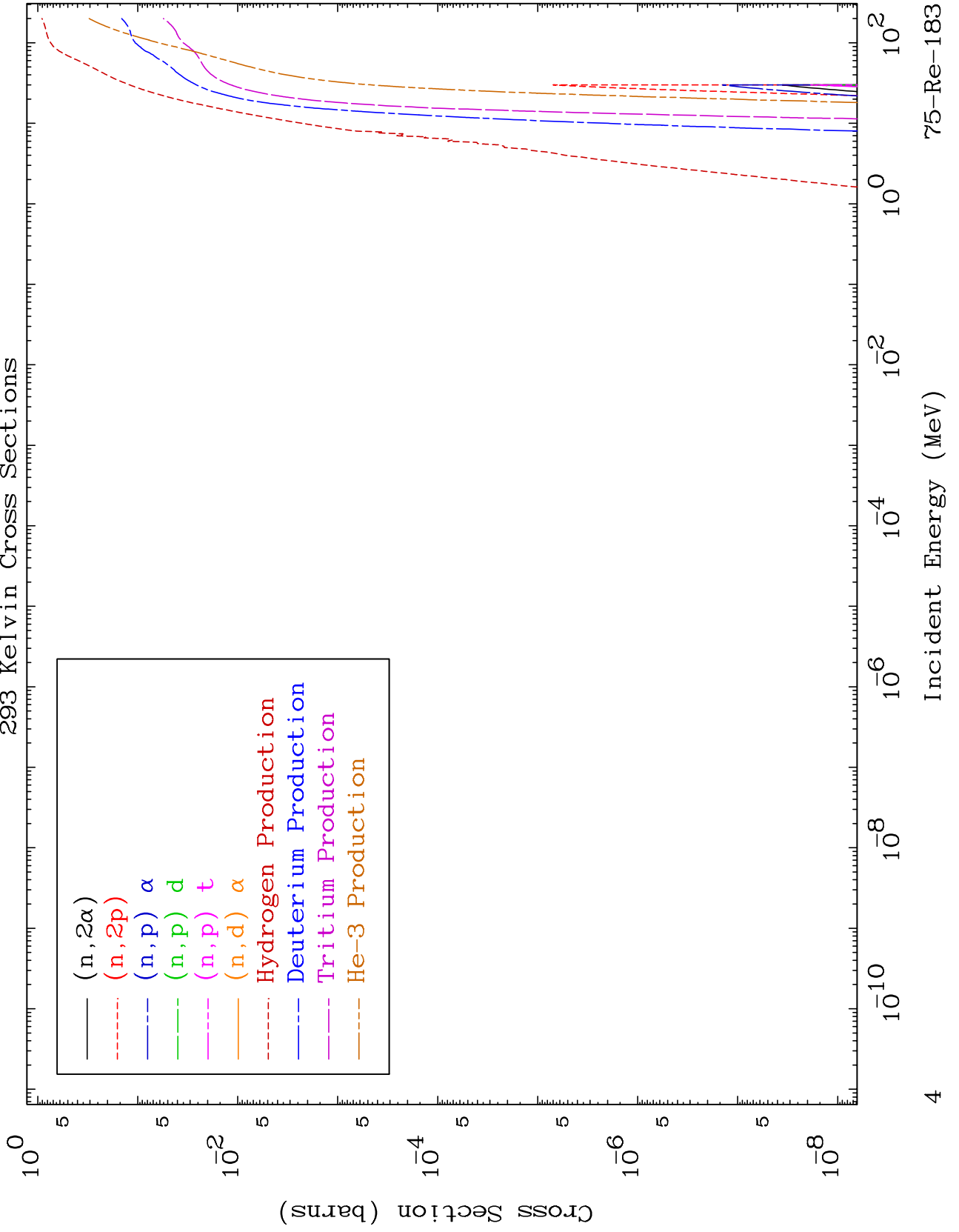
75-Re-183

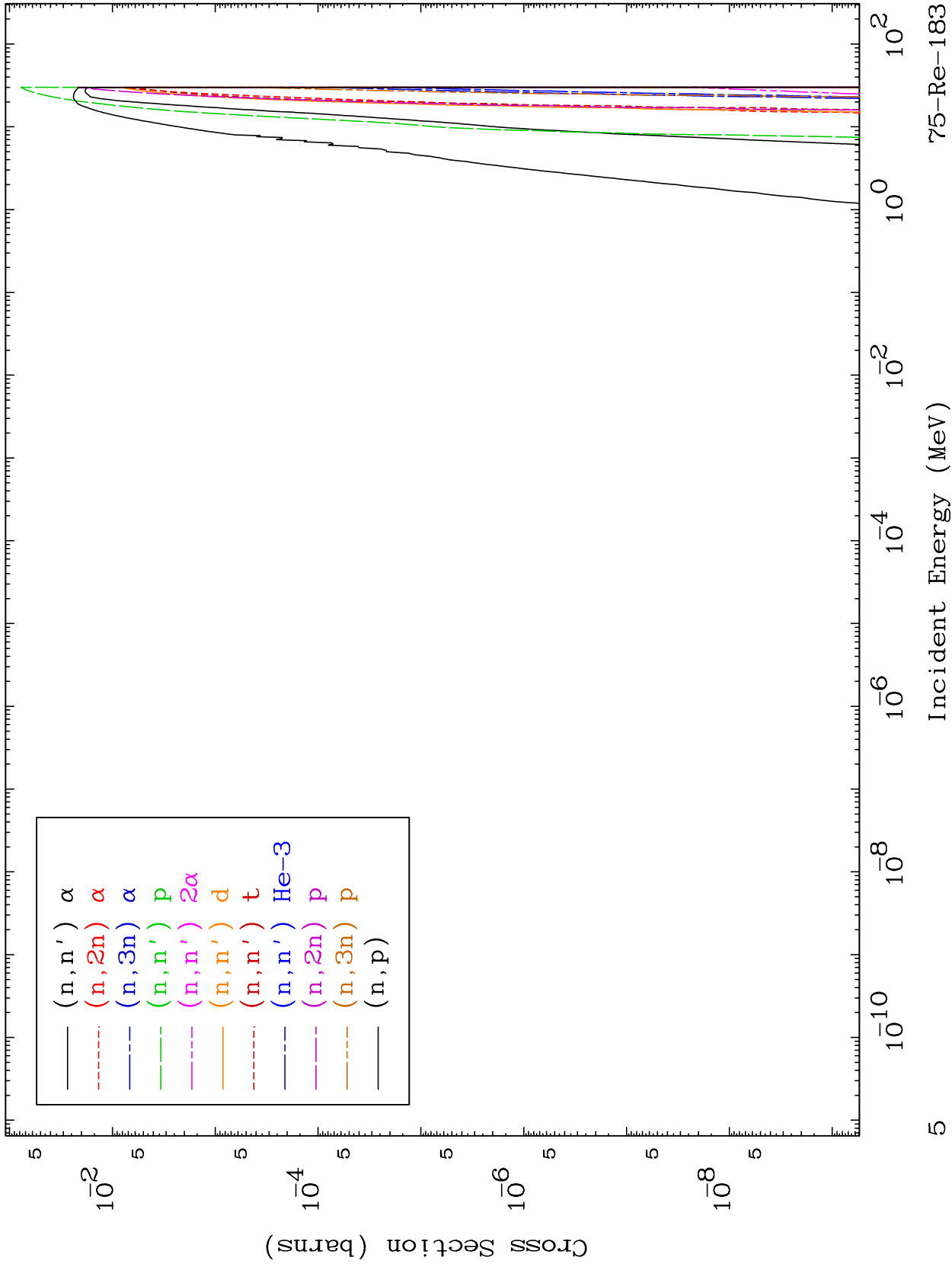


MAT 7519

Neutron Absorption
293 Kelvin Cross Sections

75-Re-183

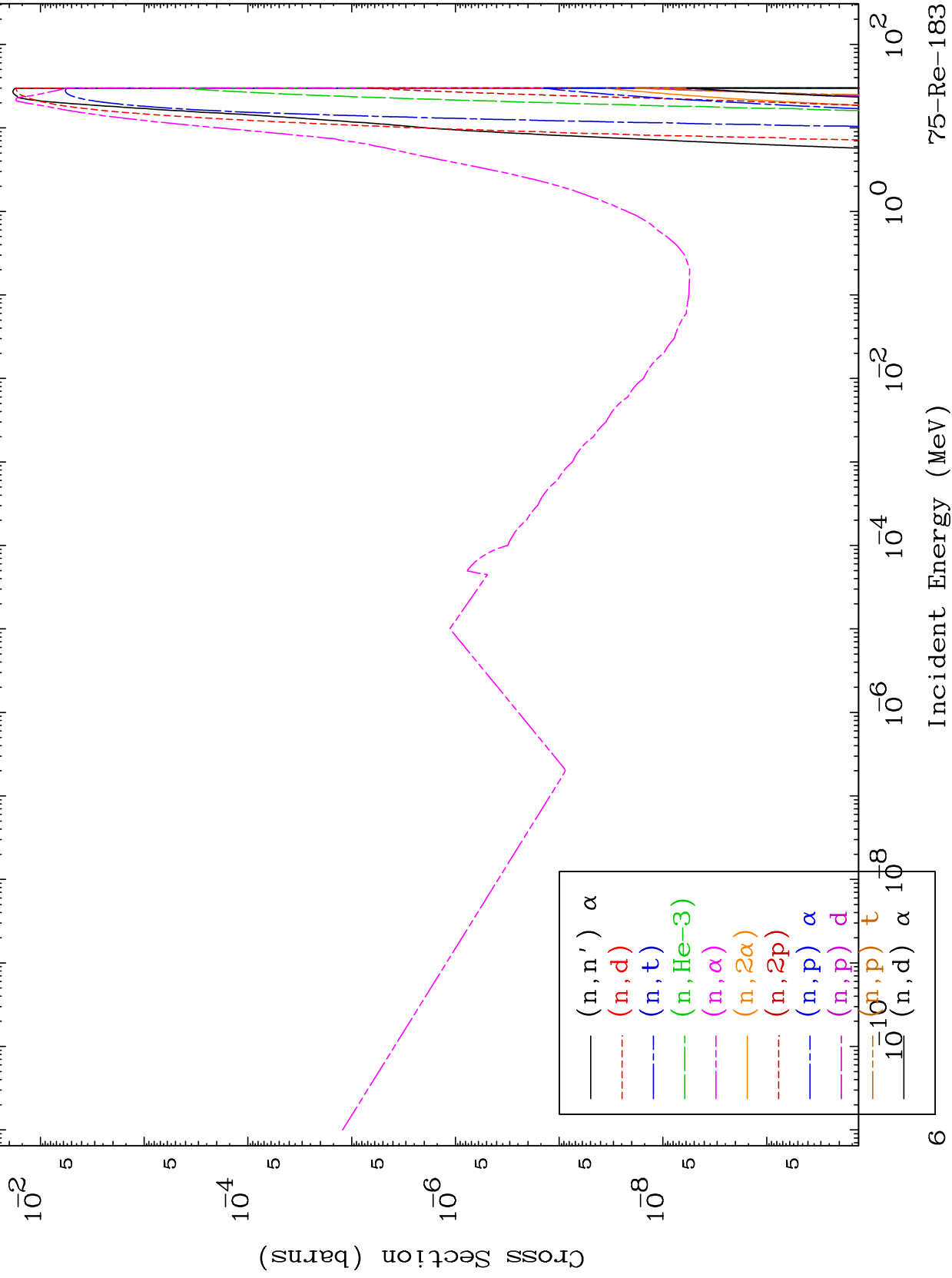




MAT 7519

Charged Particle
293 Kelvin Cross Sections

75-Re-183



75-Re-183

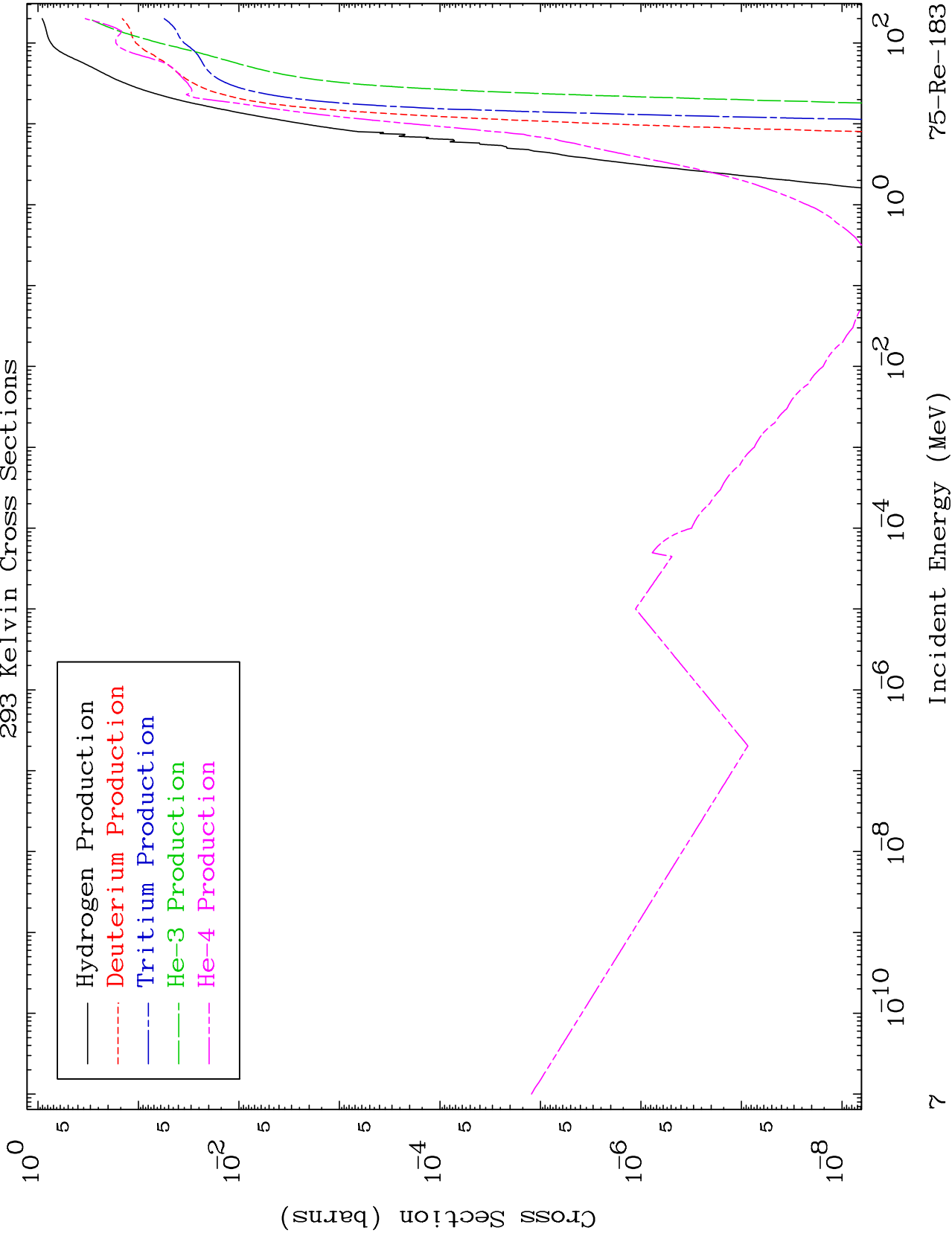
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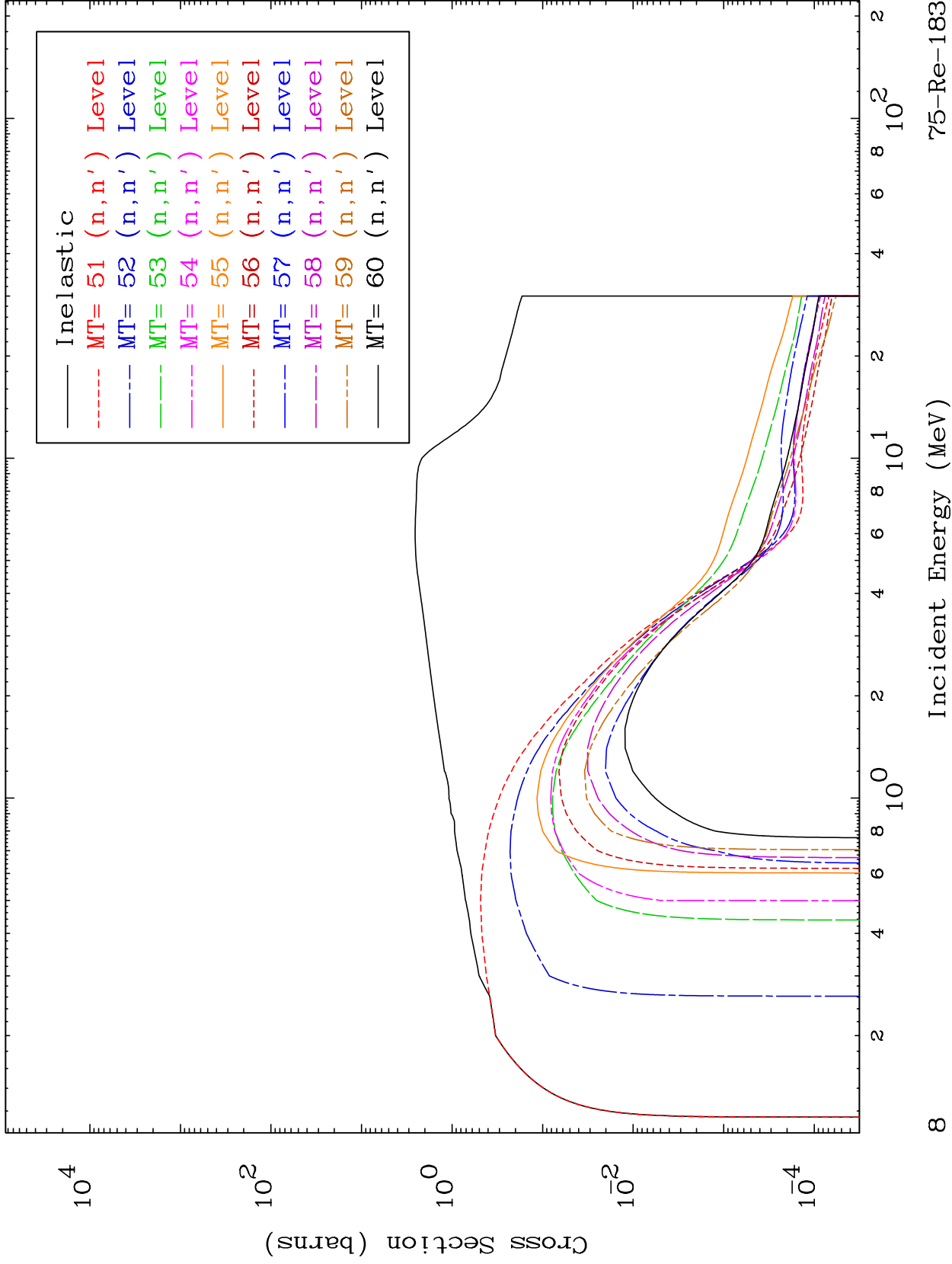
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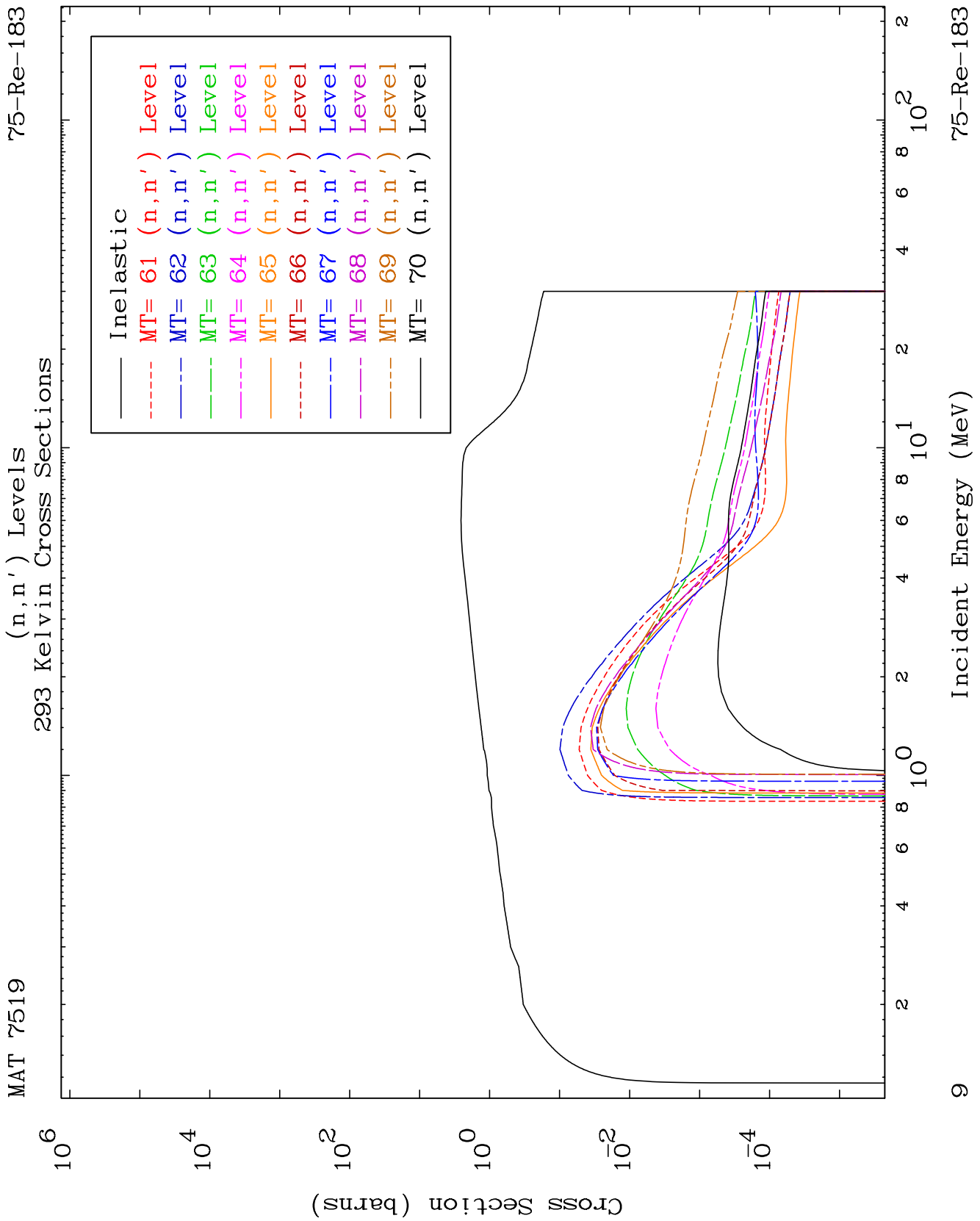
MAT 7519

Particle Production
293 Kelvin Cross Sections

75-Re-183



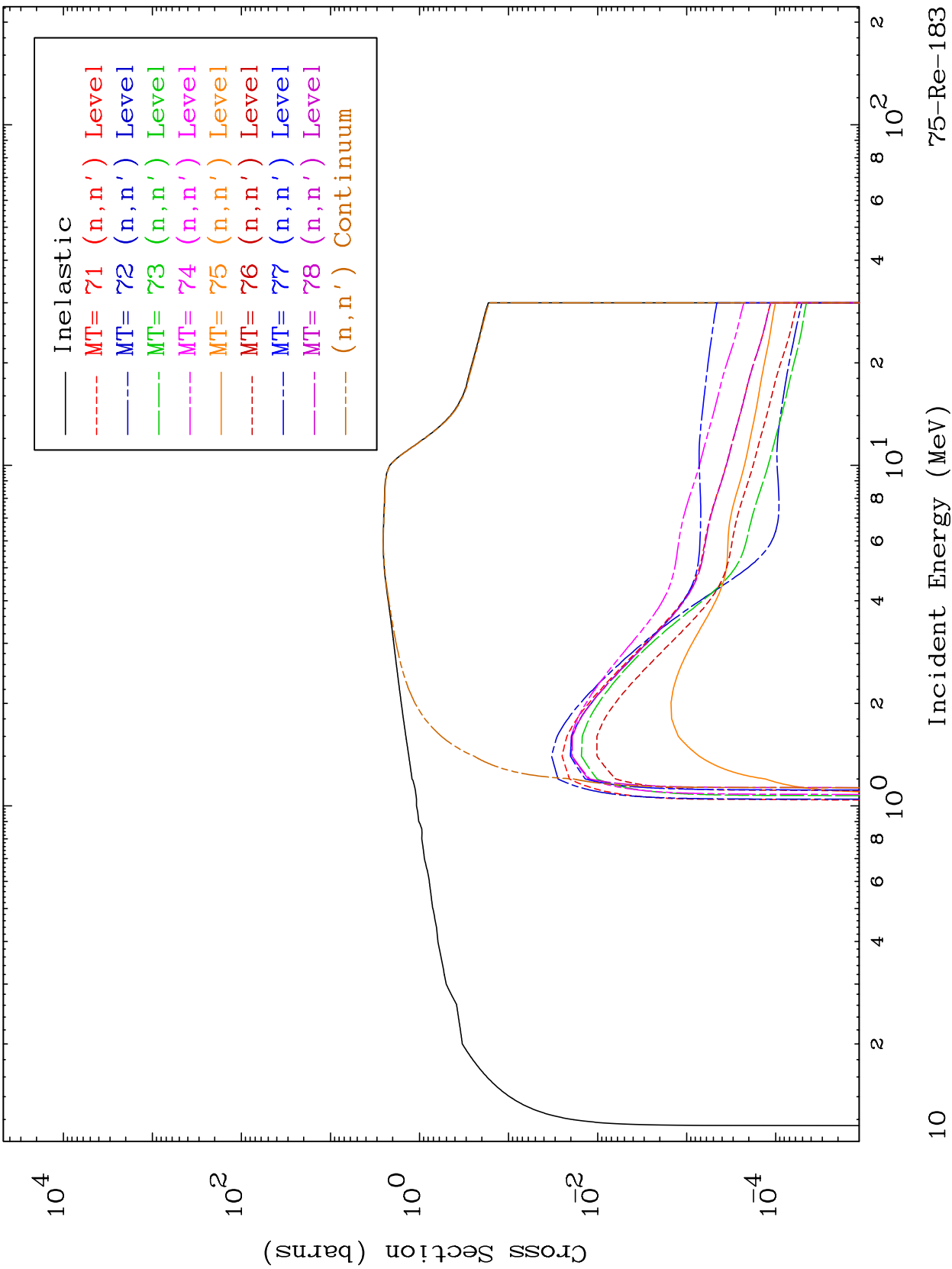




MAT 7519

(n,n') Levels
293 Kelvin Cross Sections

75-Re-183

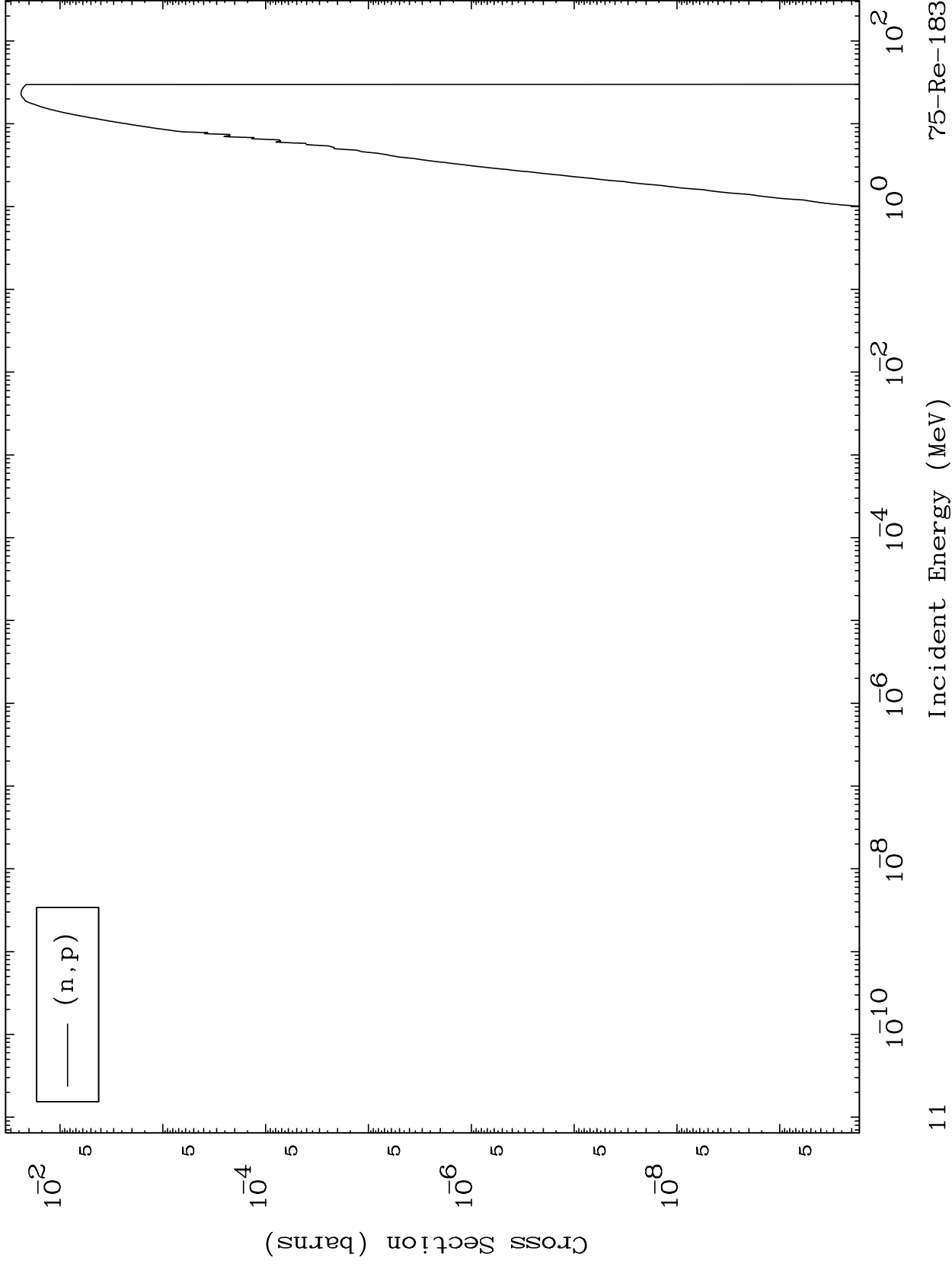


10

MAT 7519

(n,p) Levels
293 Kelvin Cross Sections

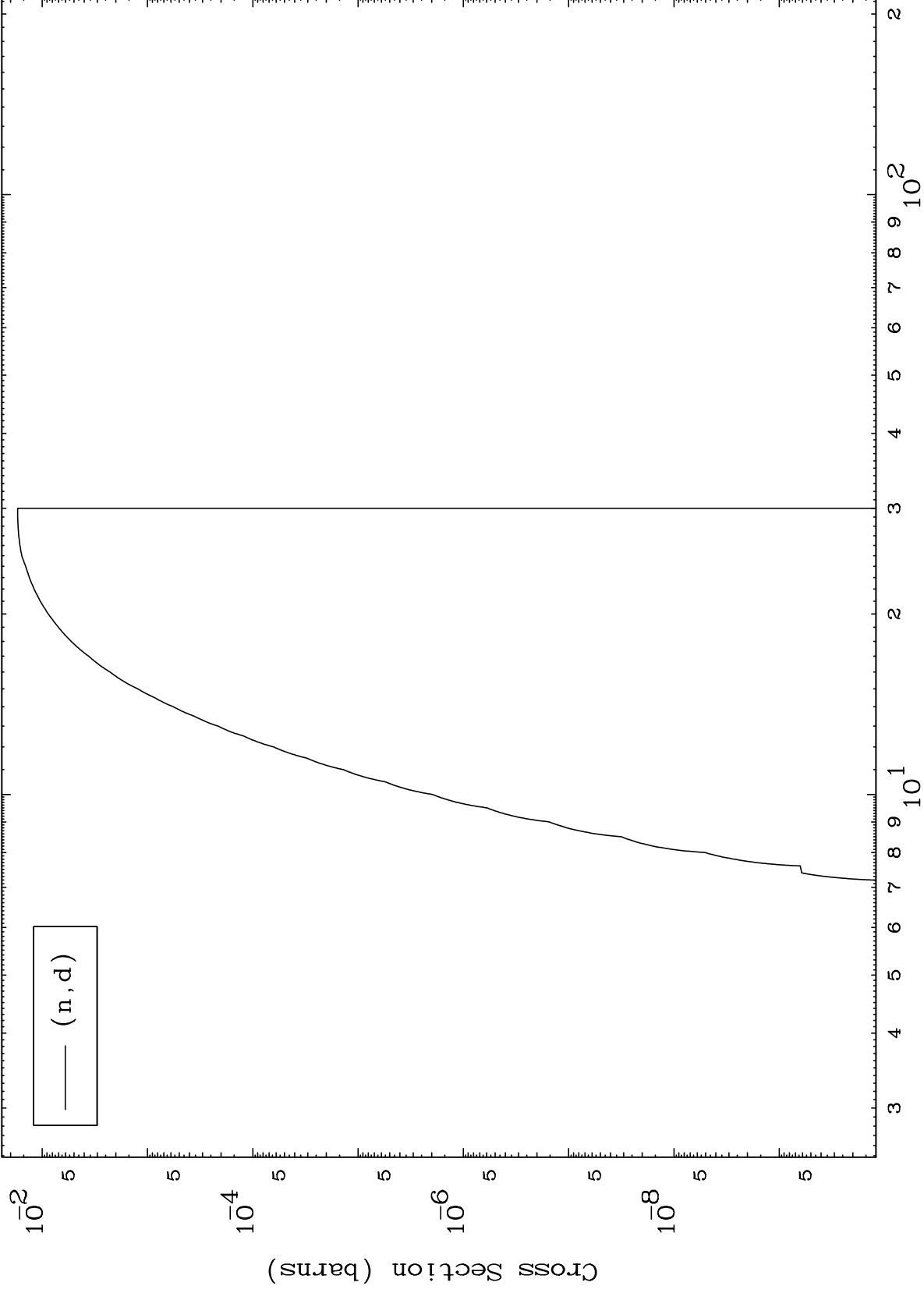
75-Re-183



MAT 7519

(n,d) Levels
293 Kelvin Cross Sections

75-Re-183



(n,d)

12

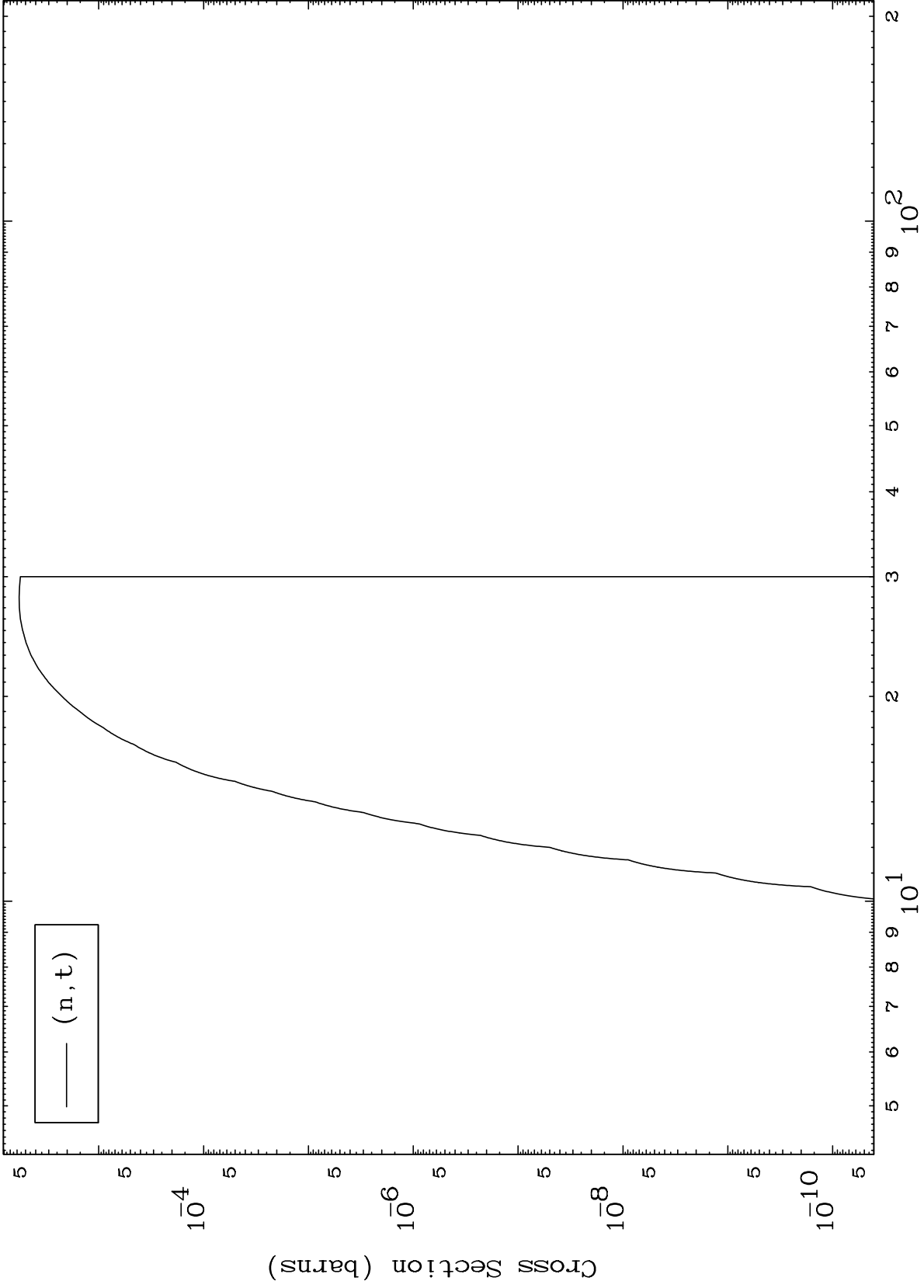
Incident Energy (MeV)

75-Re-183

MAT 7519

(n,t) Levels
293 Kelvin Cross Sections

75-Re-183



13

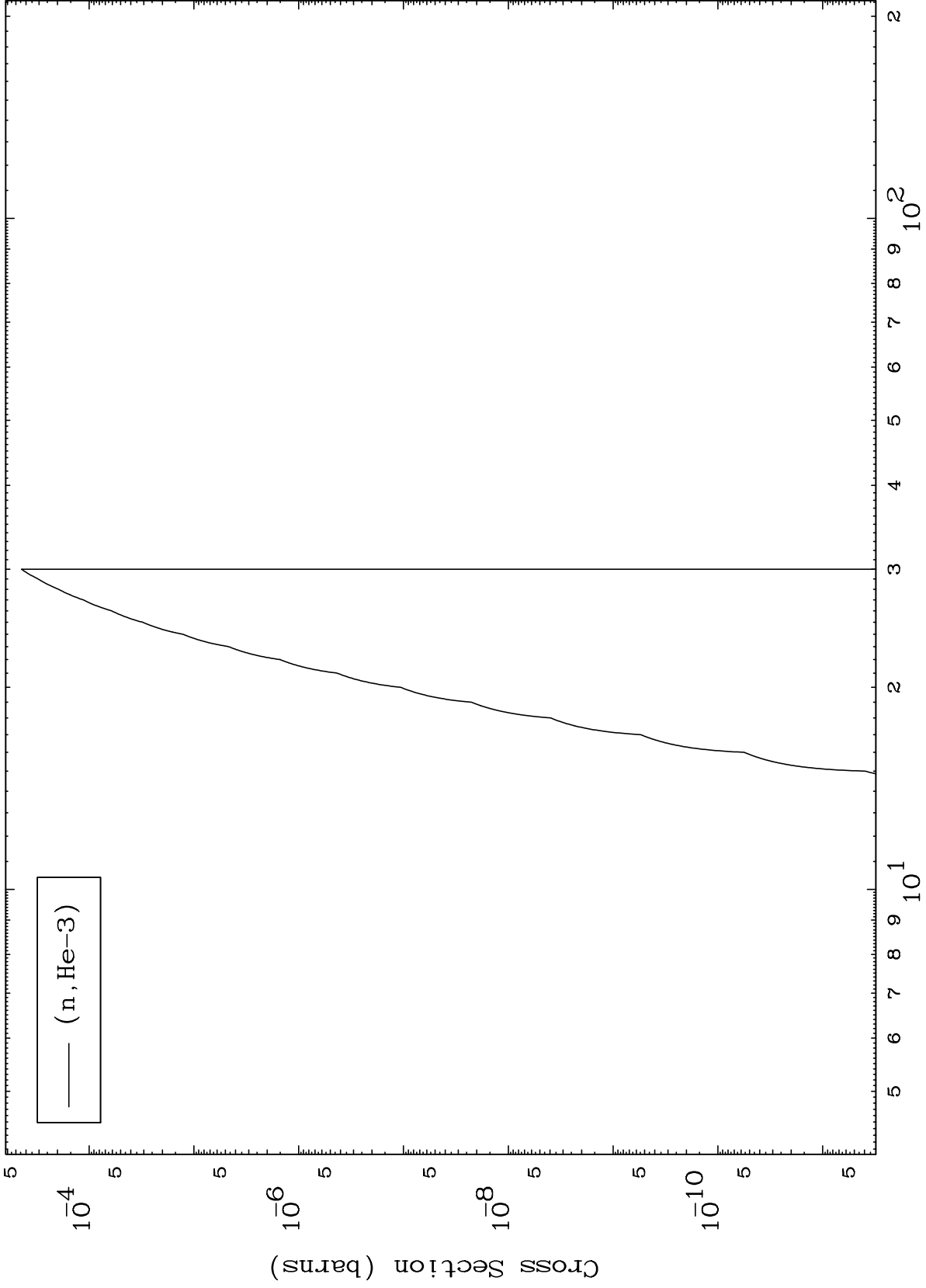
Incident Energy (MeV)

75-Re-183

MAT 7519

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-183



14

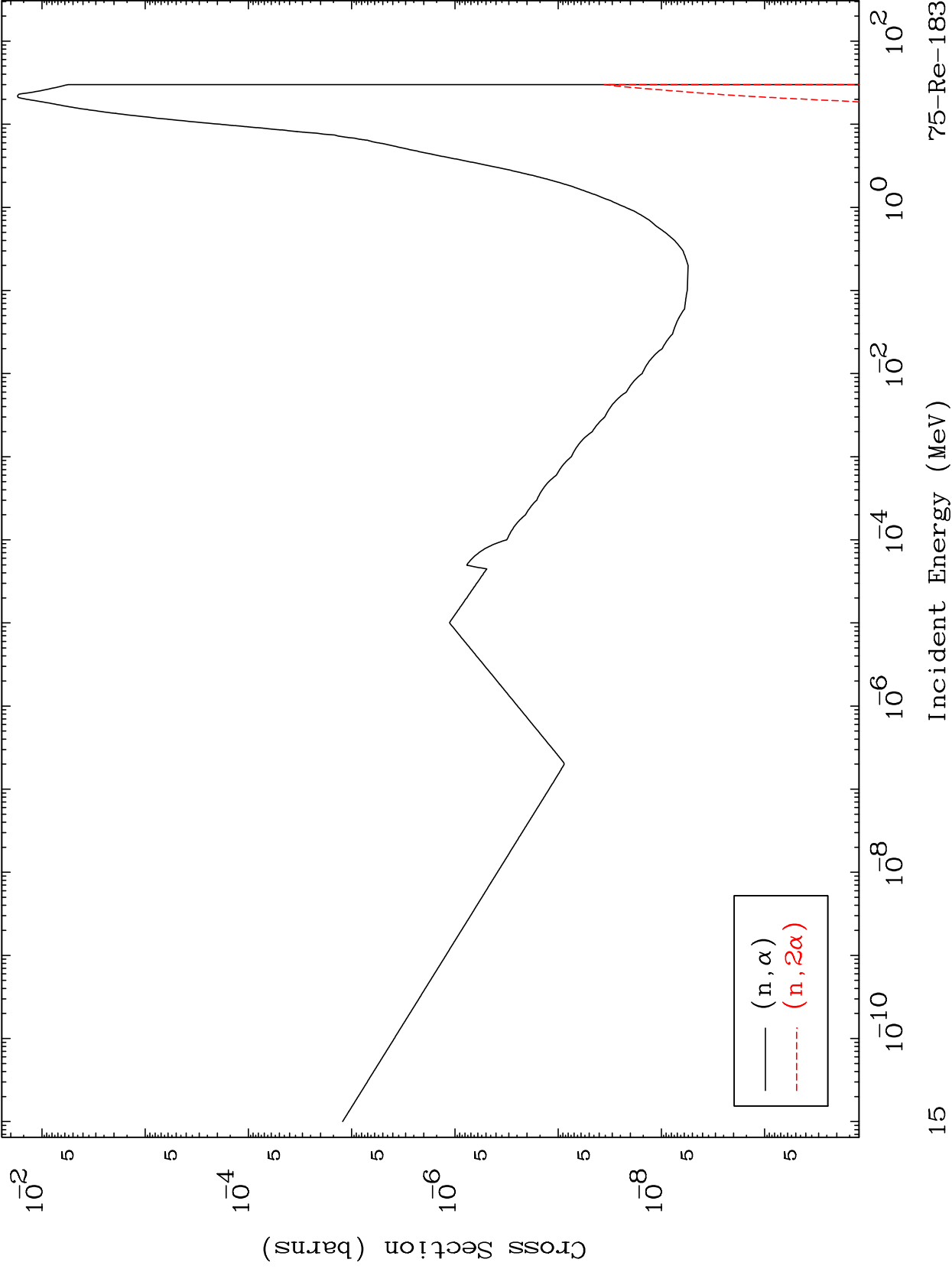
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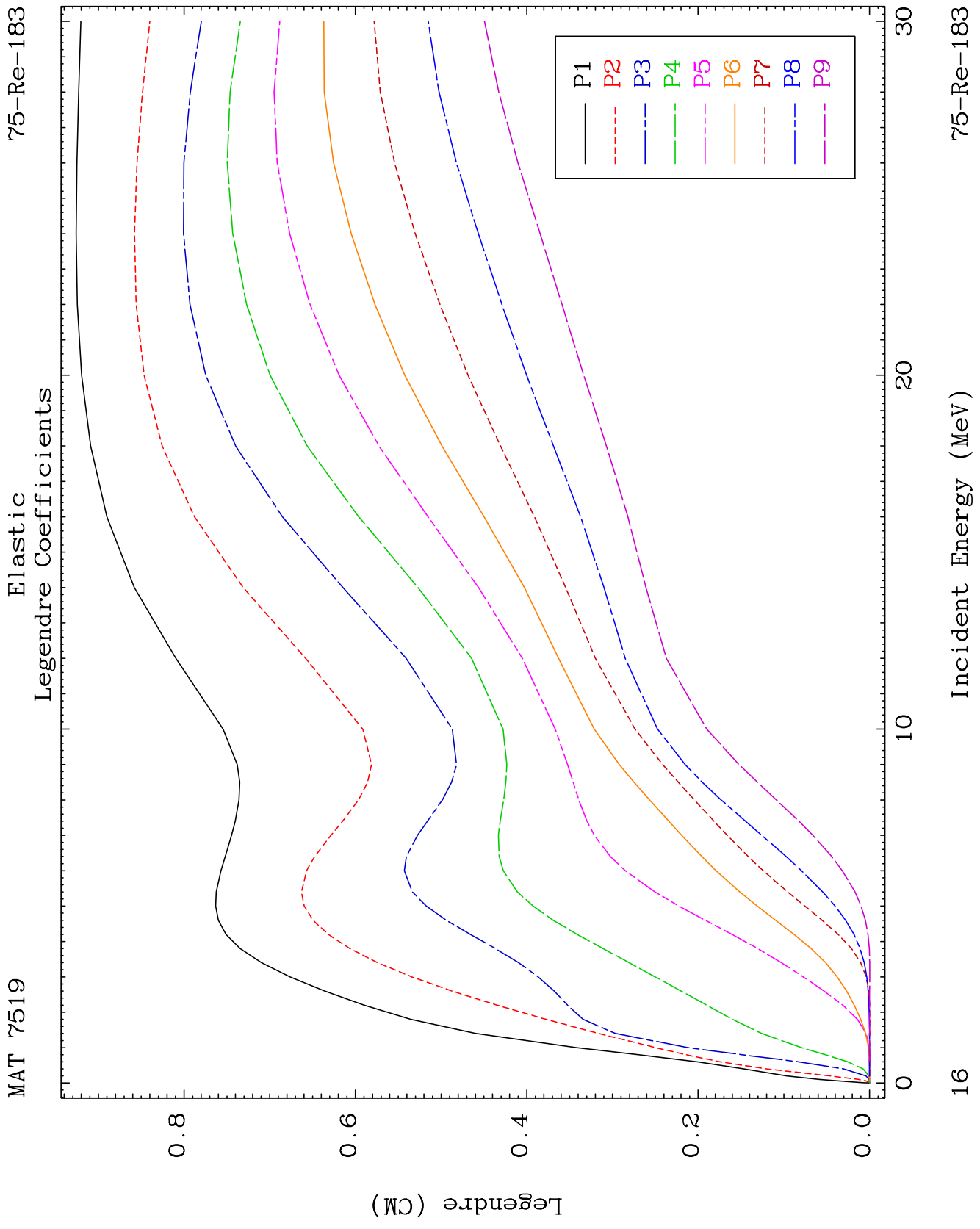
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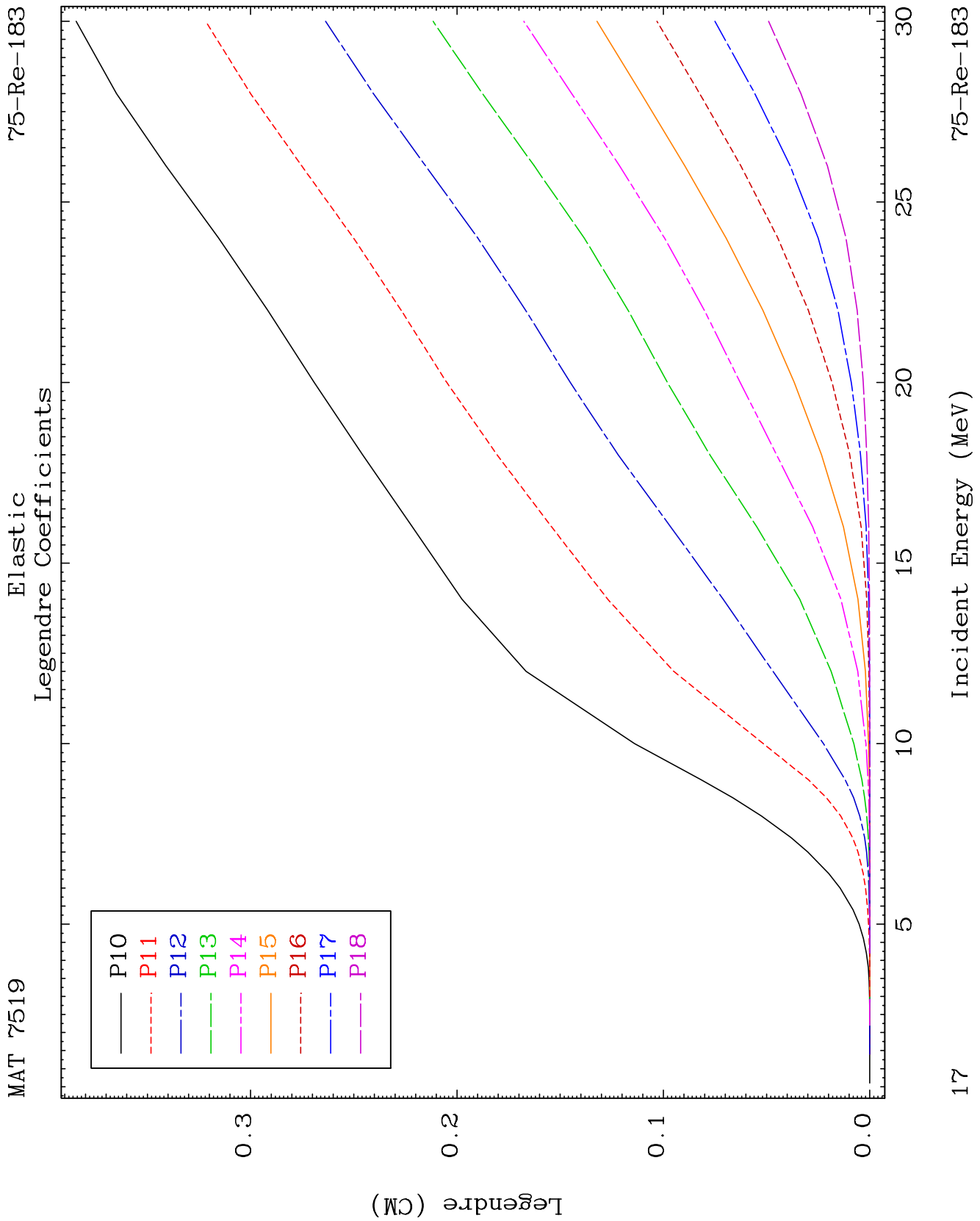
MAT 7519

(n,α) Levels
293 Kelvin Cross Sections

75-Re-183



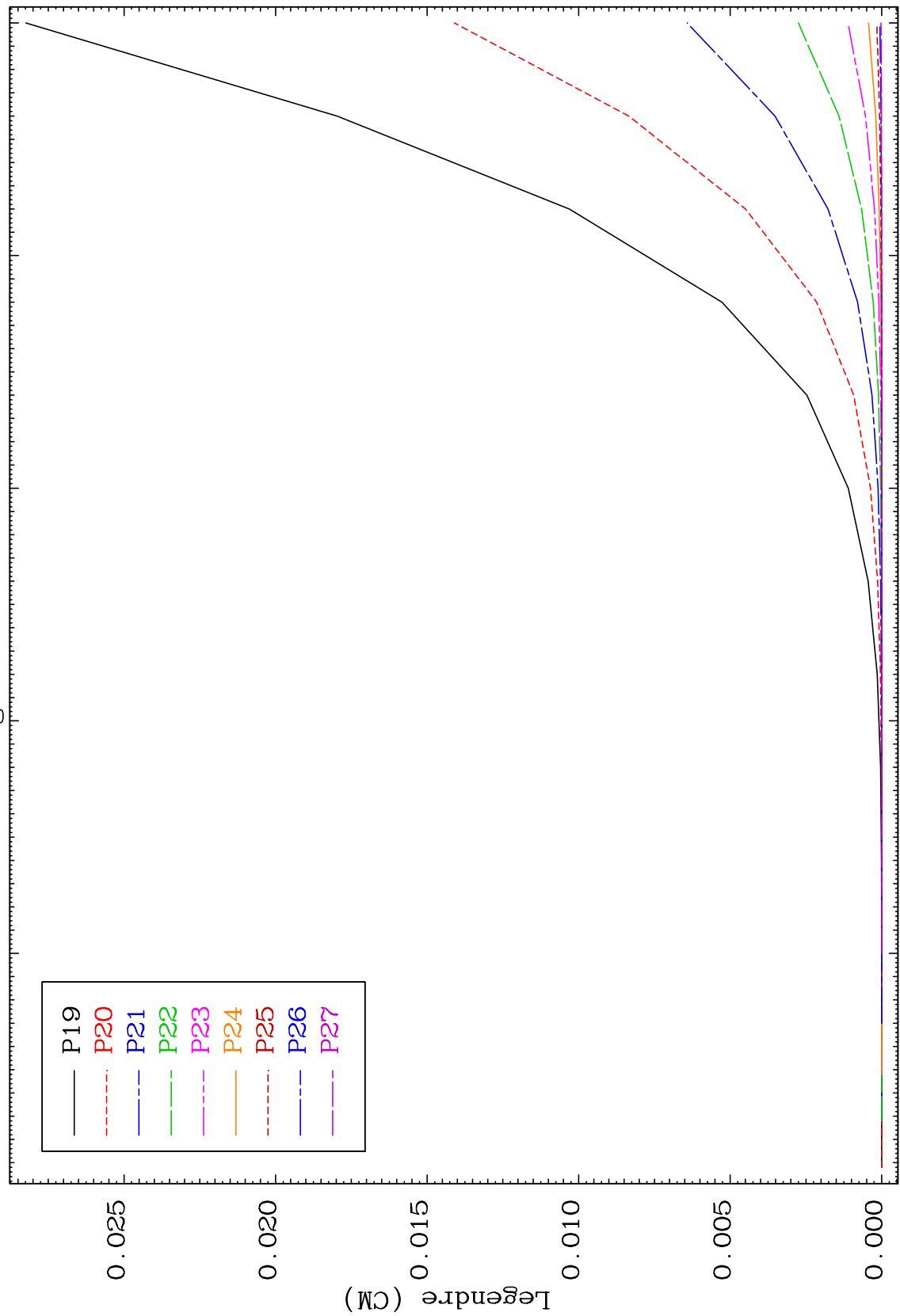




MAT 7519

Elastic Legendre Coefficients

75-Re-183



18

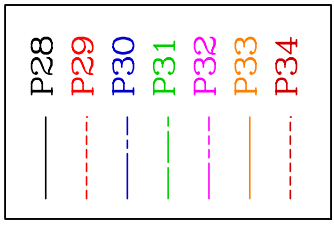
Incident Energy (MeV)

75-Re-183

MAT 7519

Elastic Legendre Coefficients

75-Re-183



$\times 10^{-6}$

Legendre (CM)

10

15

20

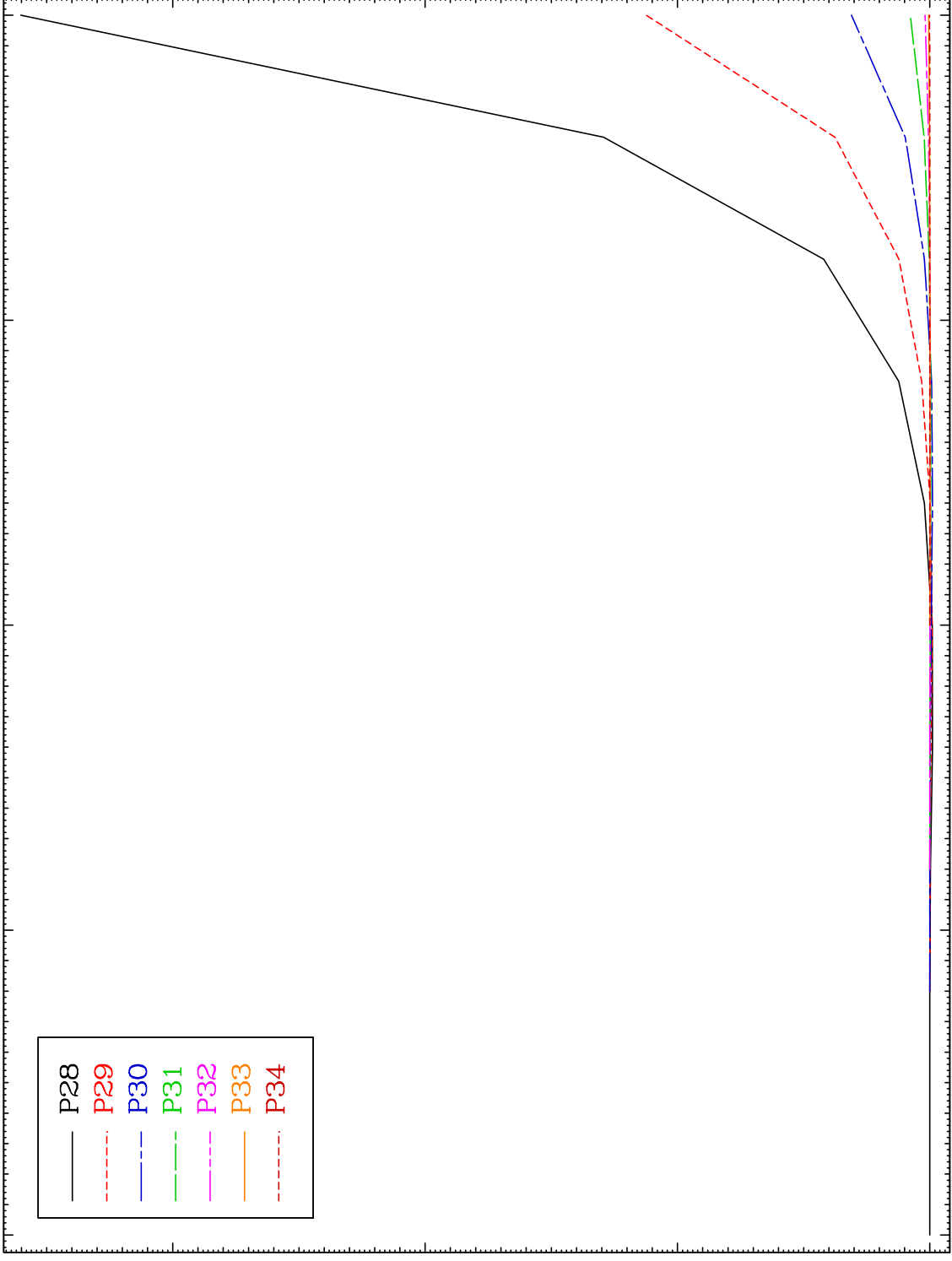
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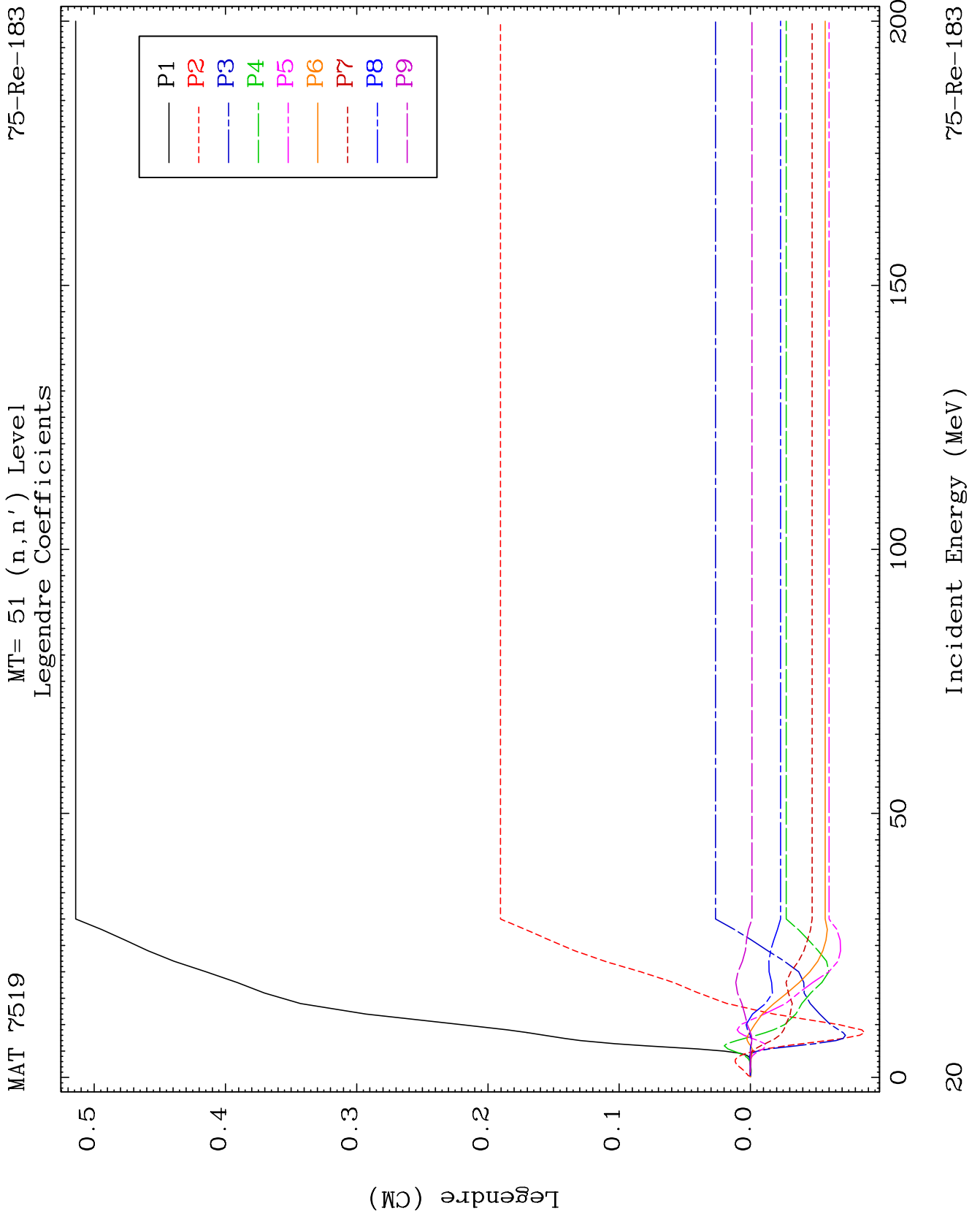
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19

Incident Energy (MeV)

75-Re-183

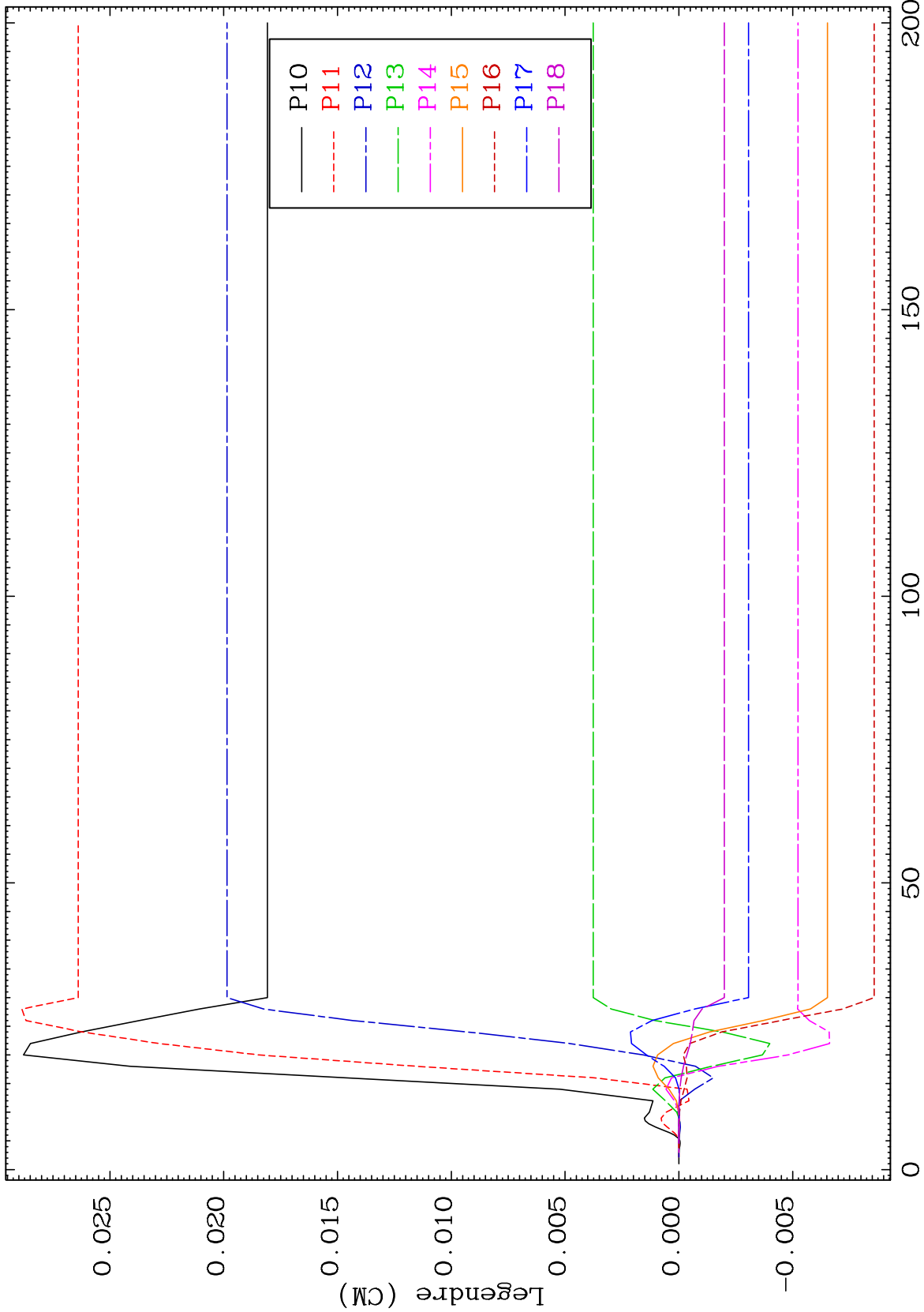


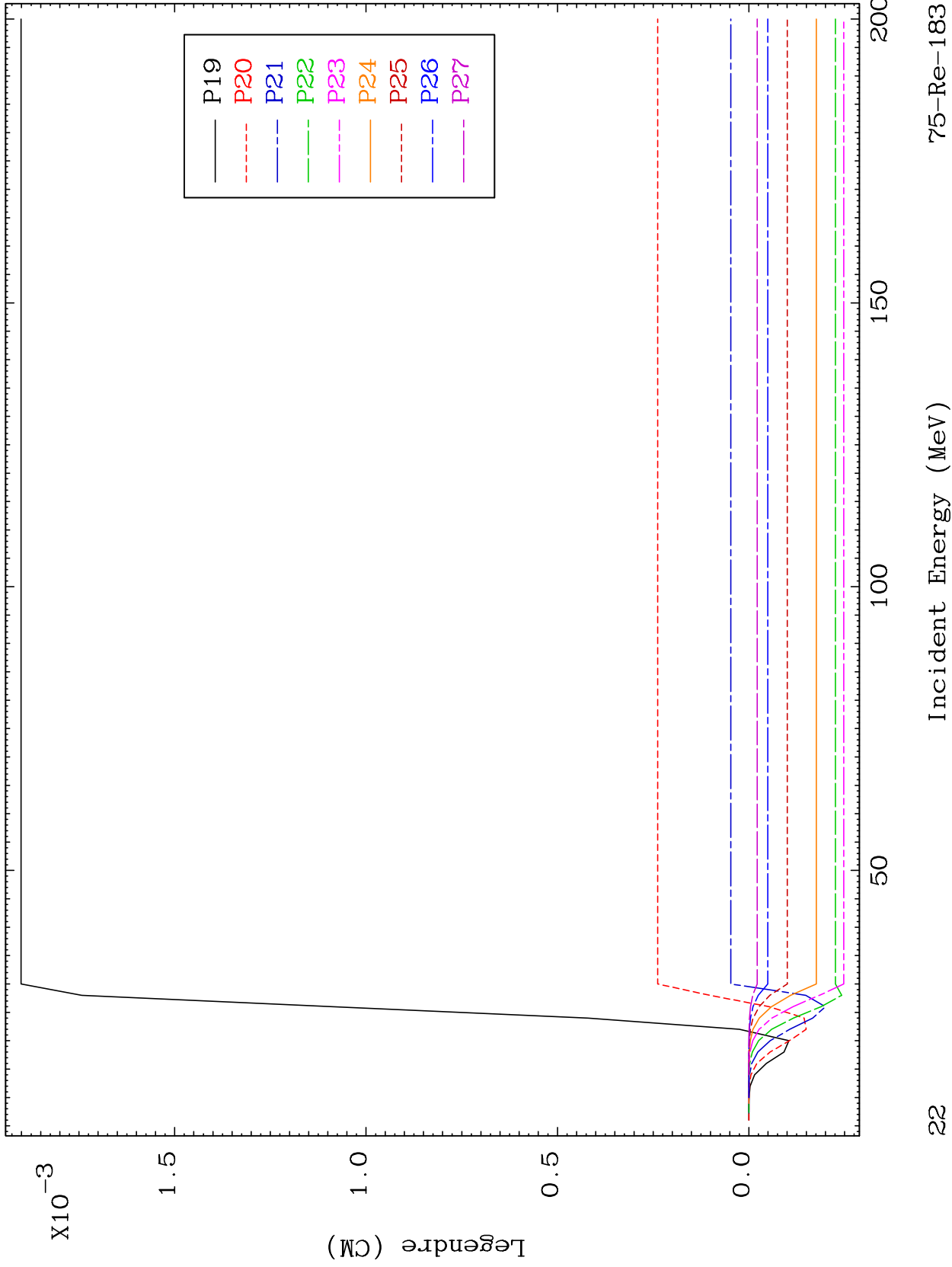


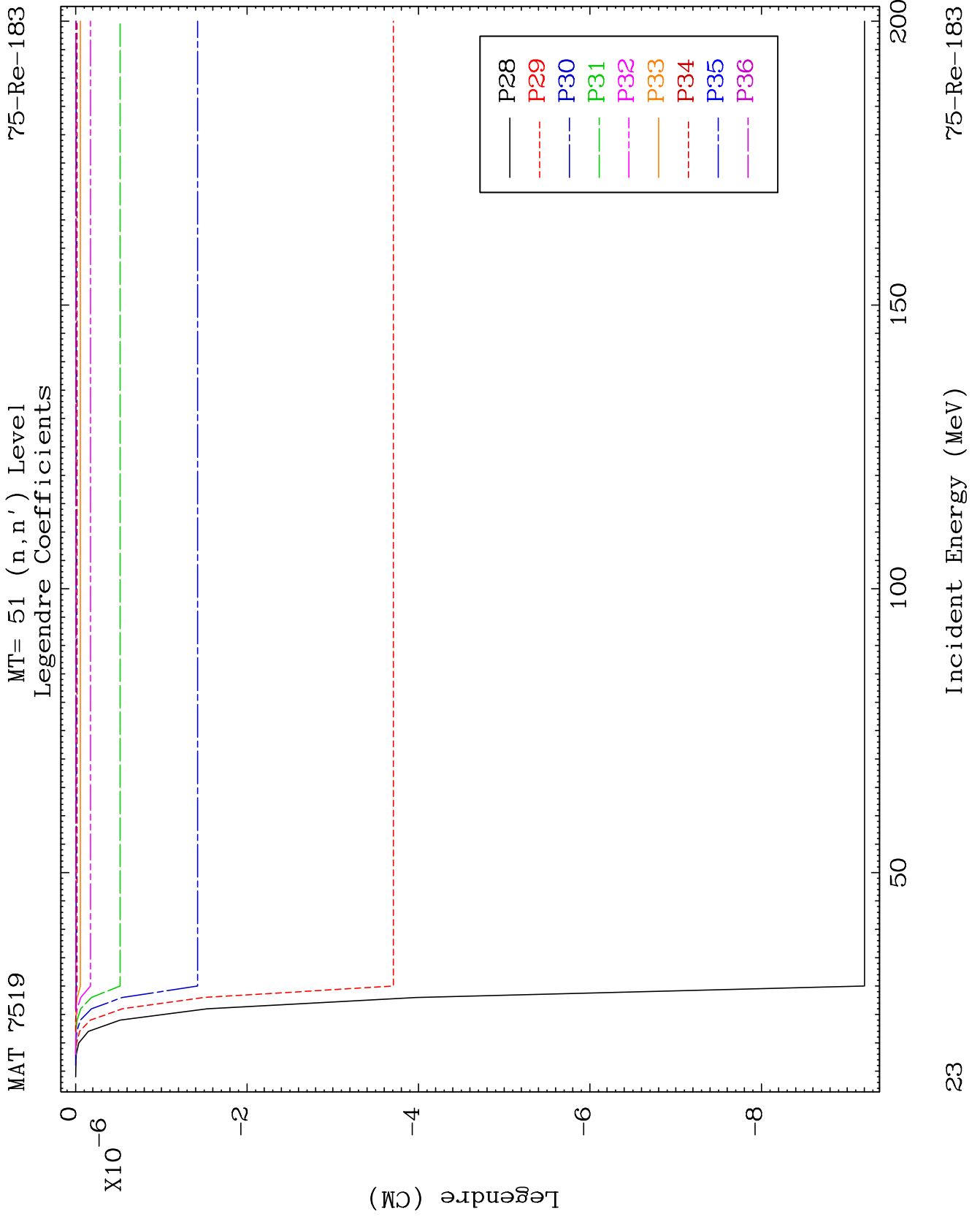
MAT 7519

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

75-Re-183



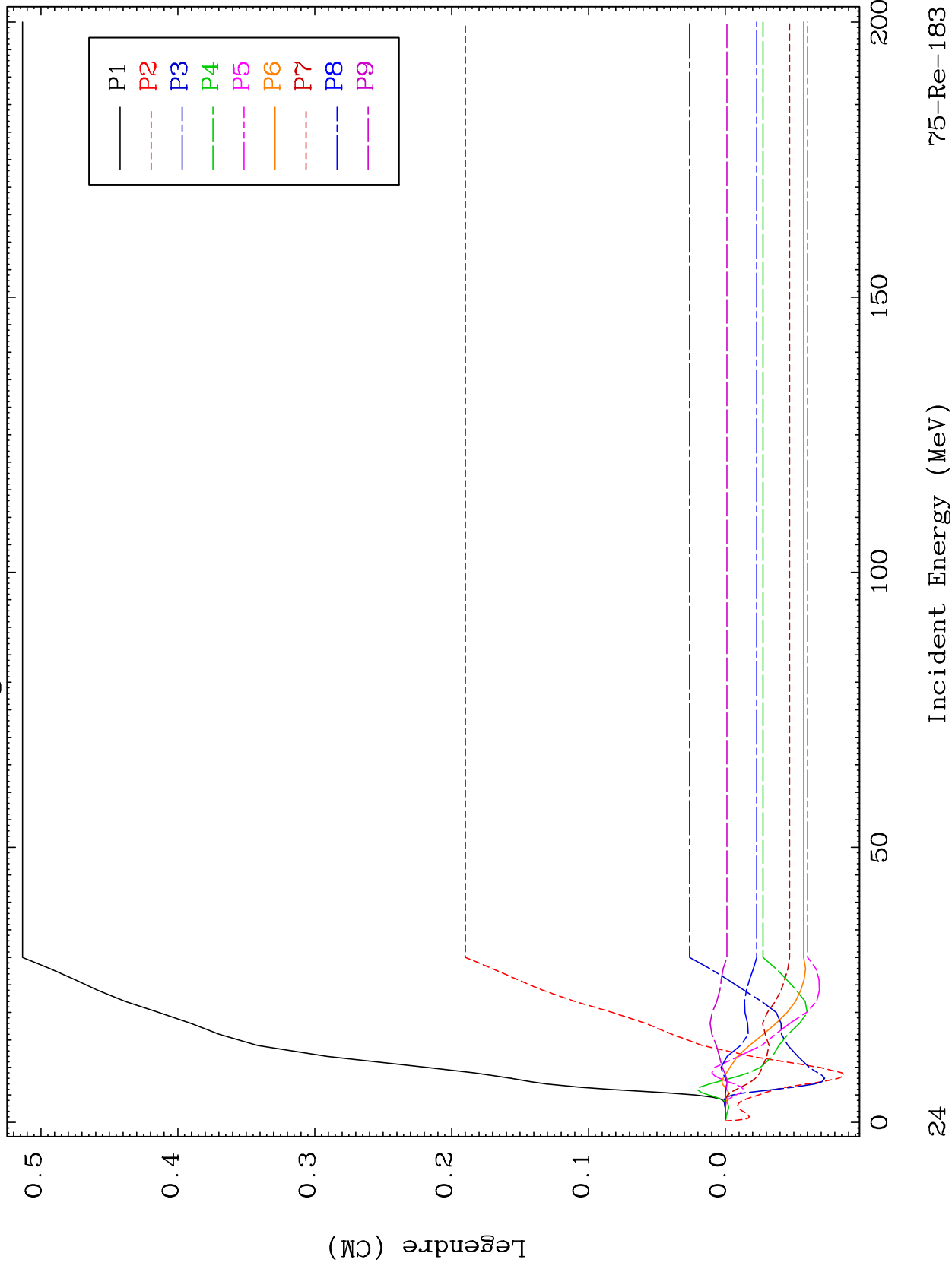




MAT 7519

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

75-Re-183



24

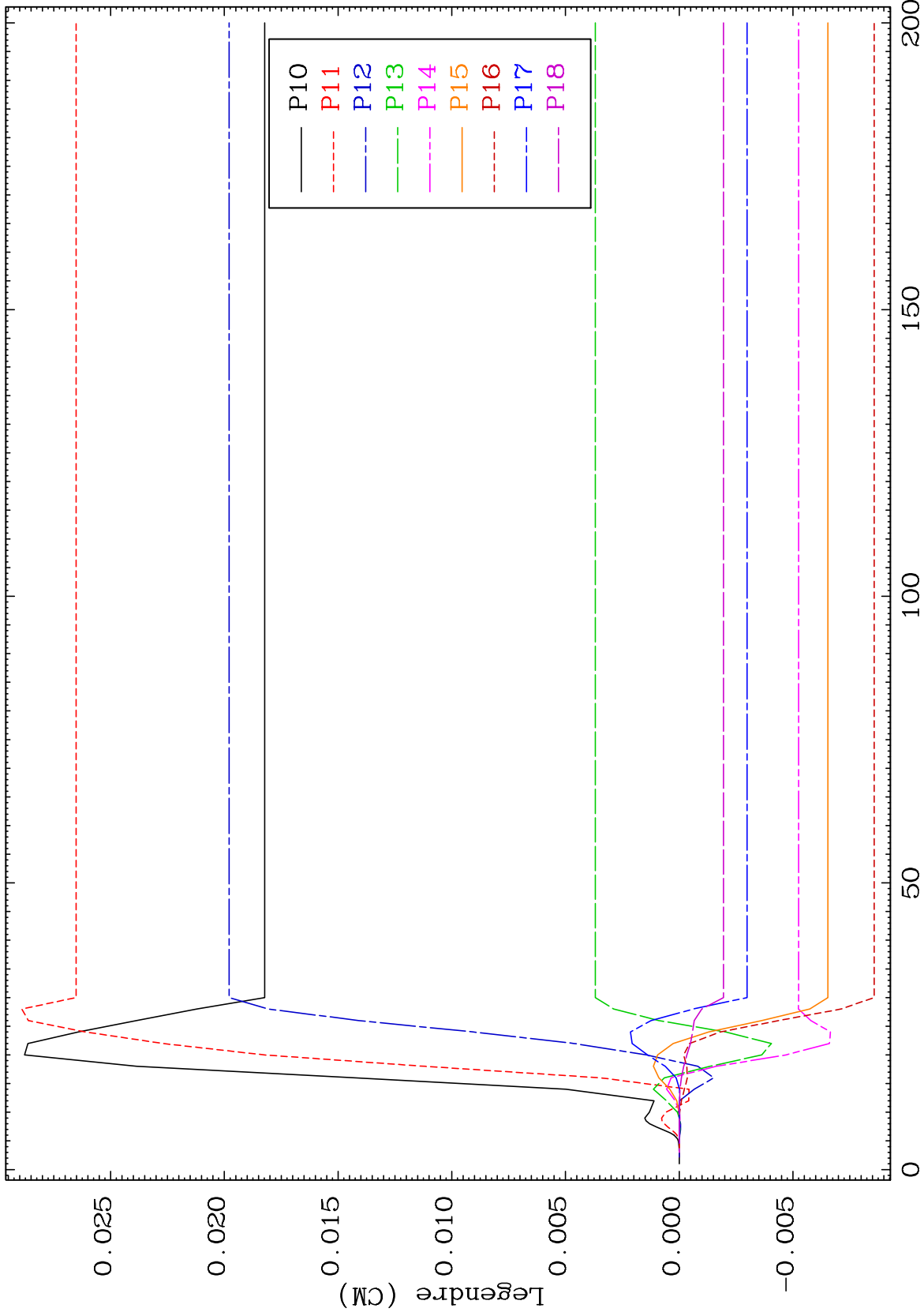
Incident Energy (MeV)

75-Re-183

MAT 7519

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

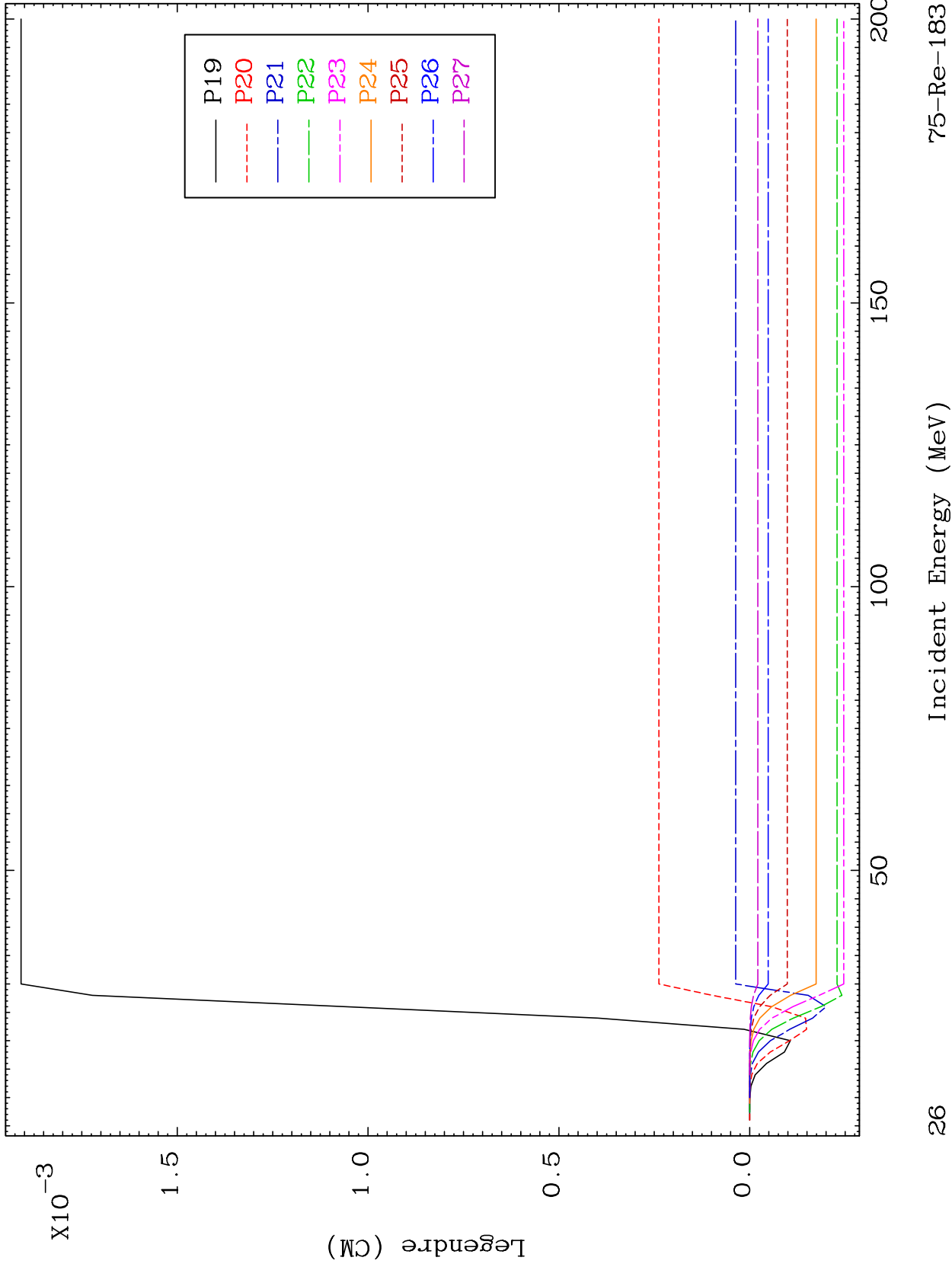
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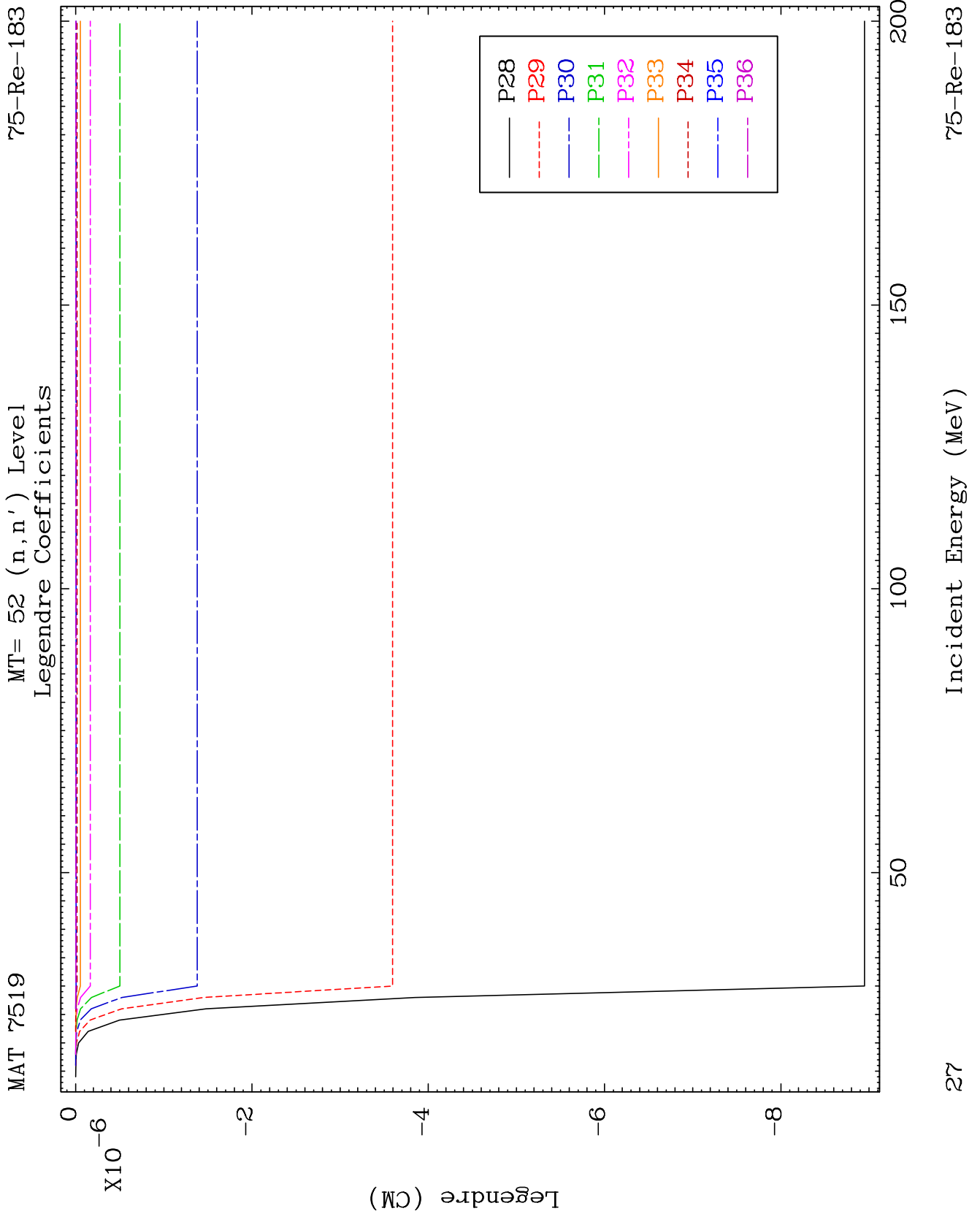


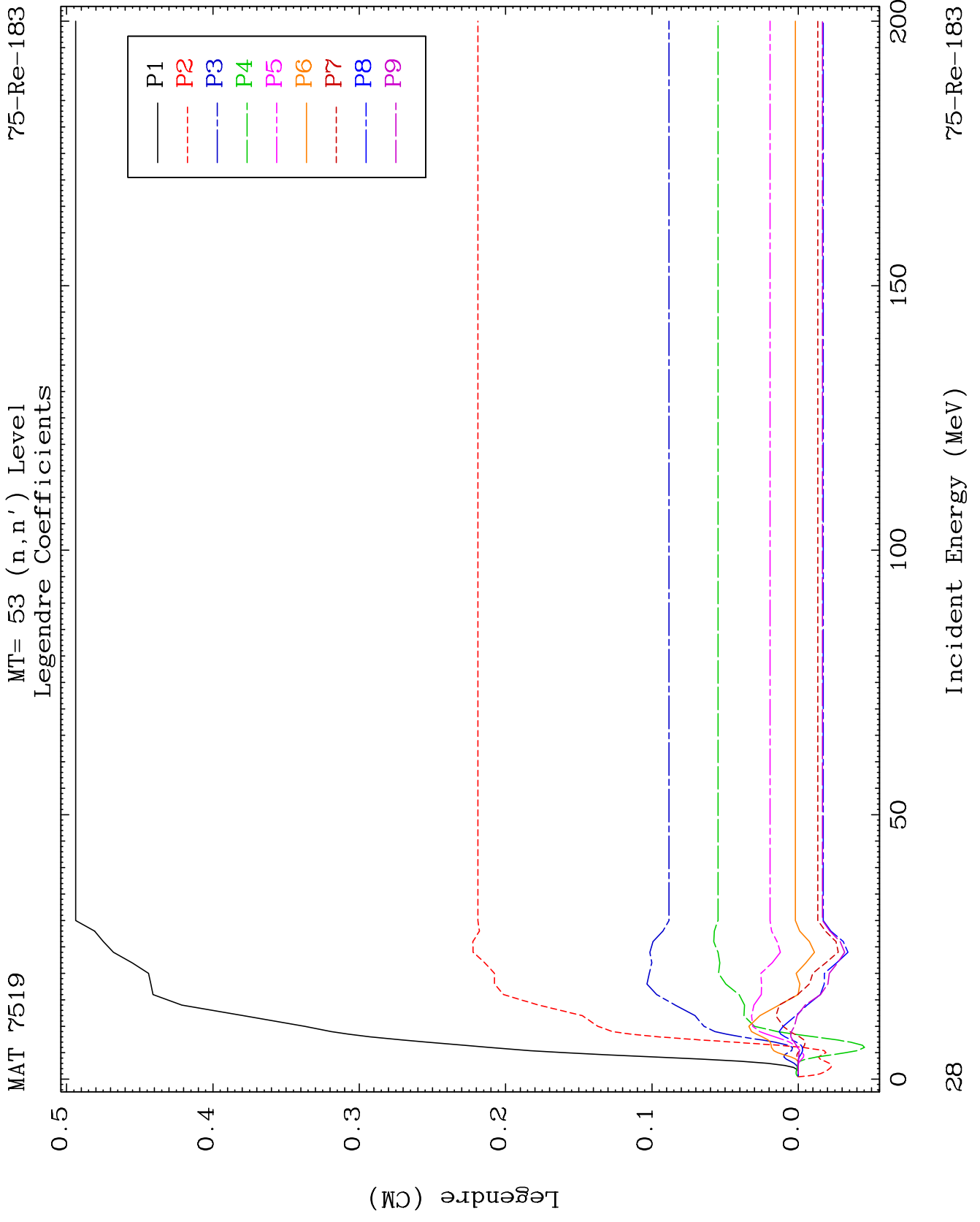
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Incident Energy (MeV)

75-Re-183



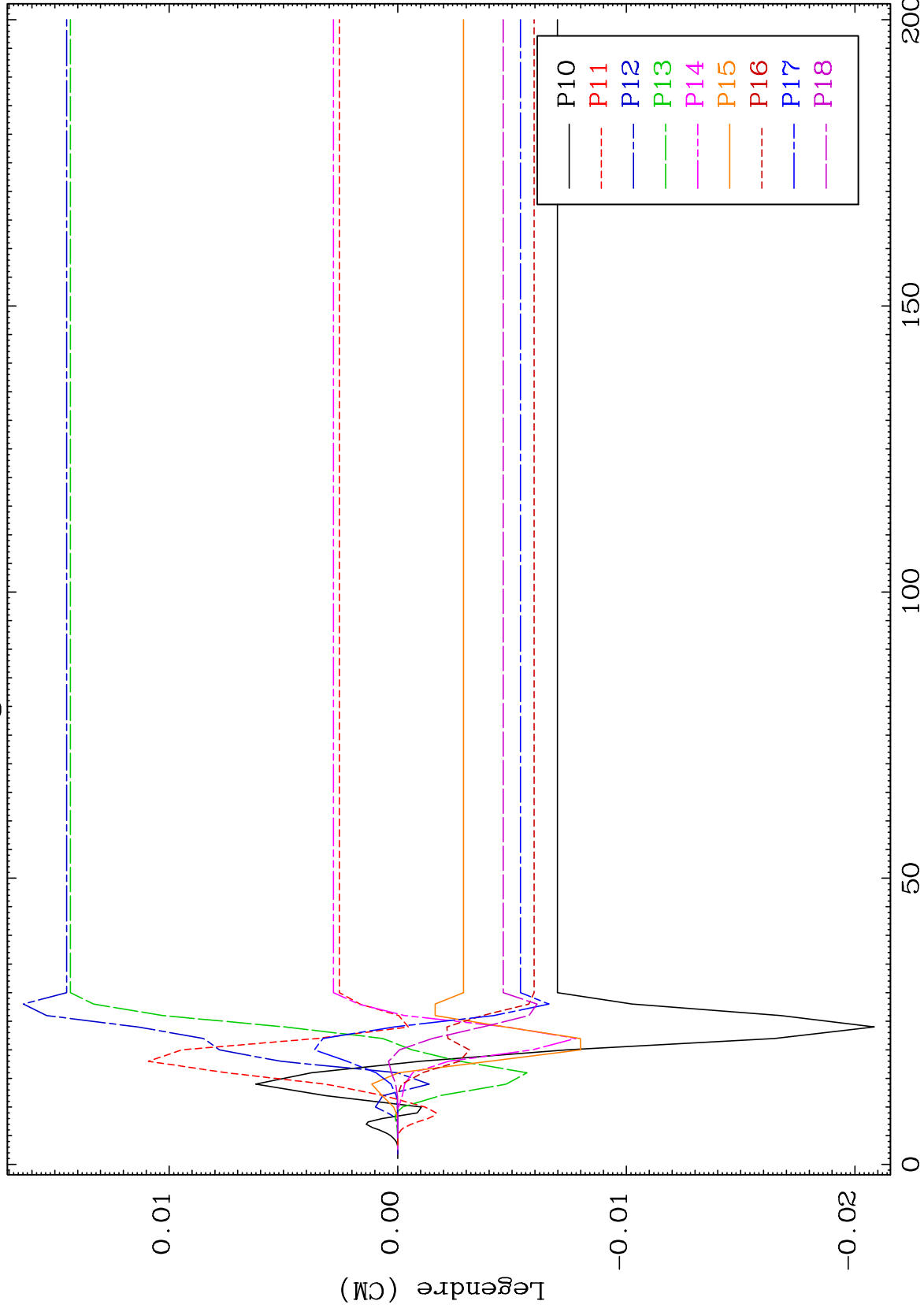




MAT 7519

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

75-Re-183



29

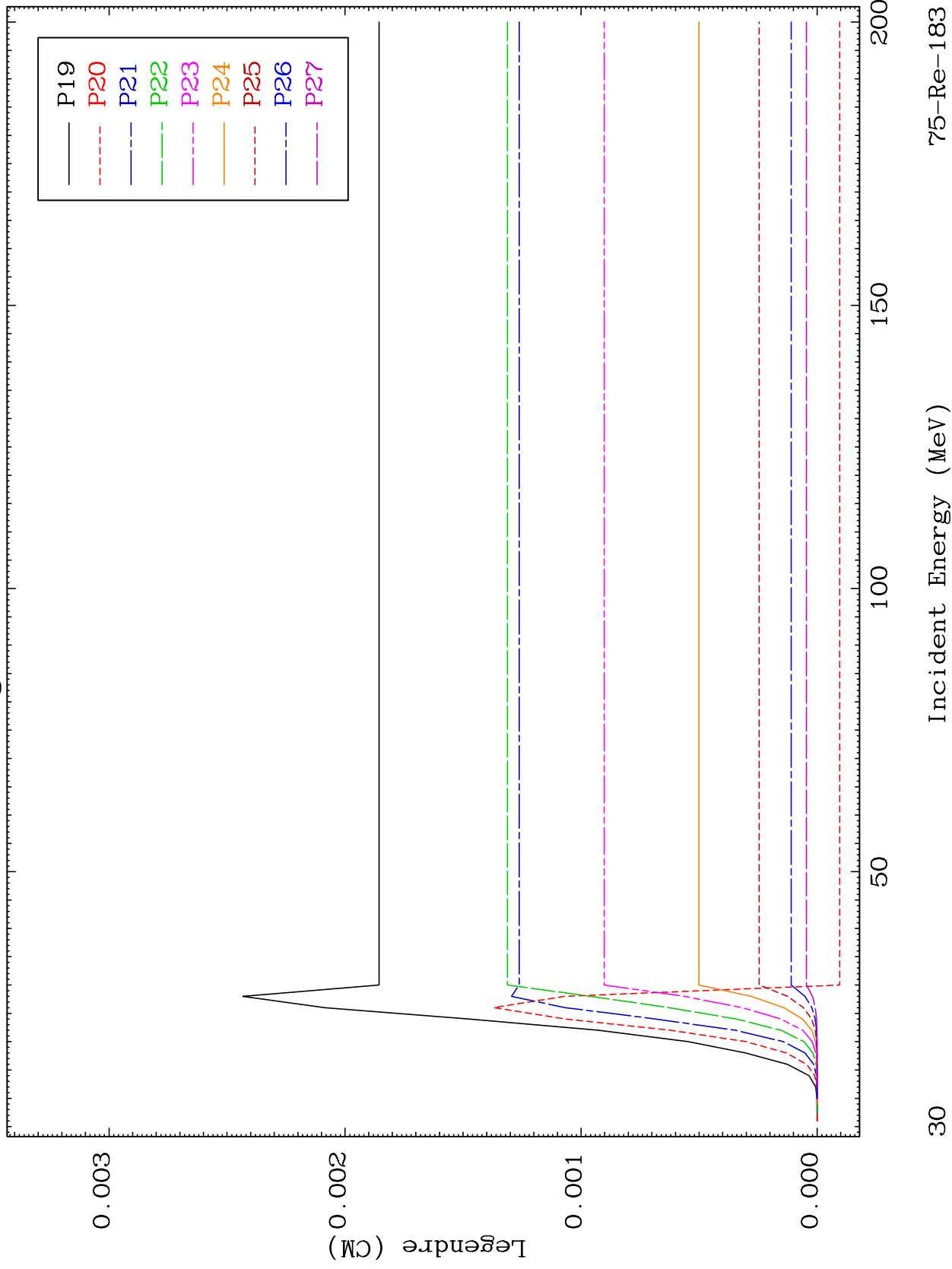
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



75-Re-183

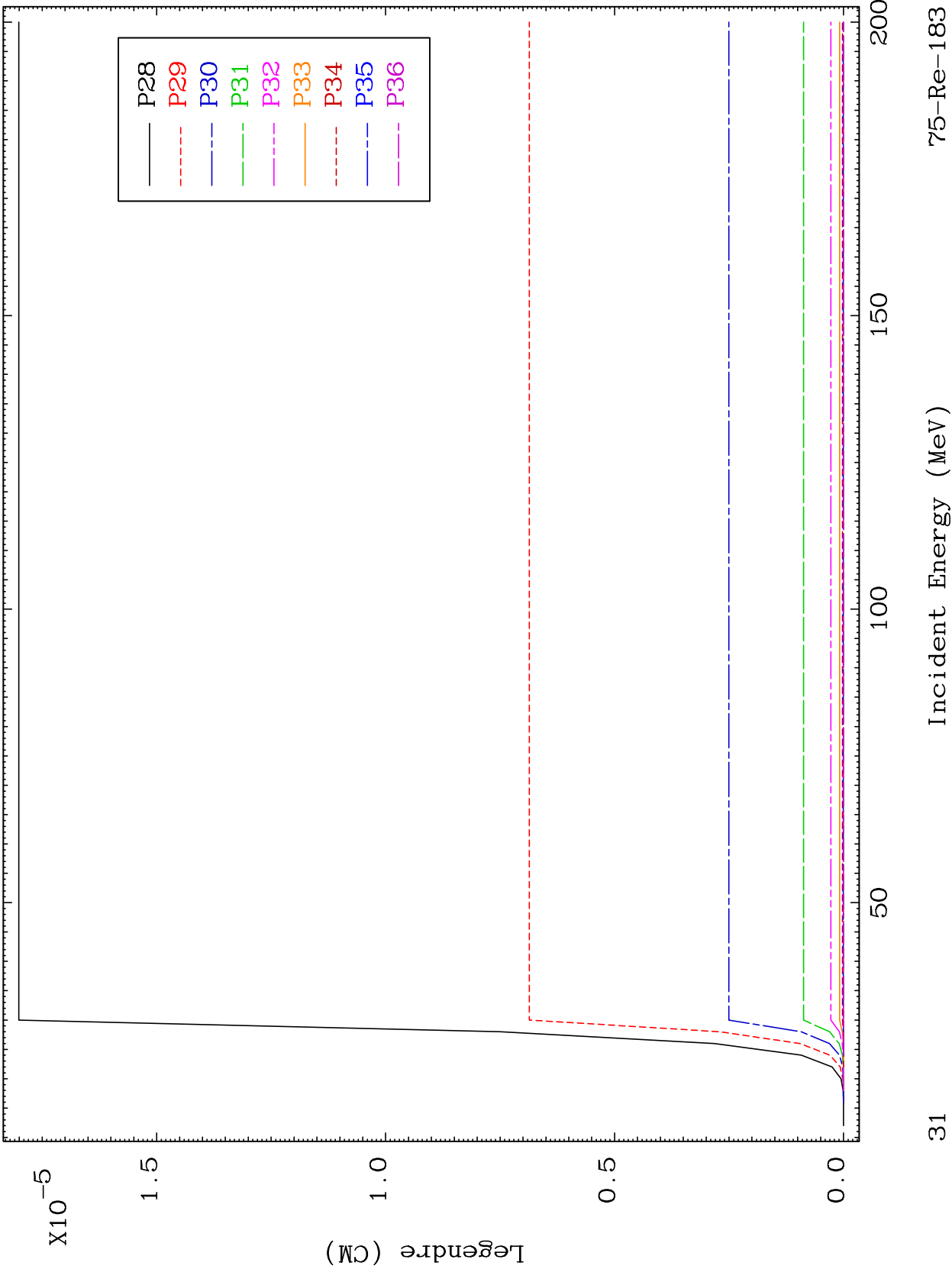
Incident Energy (MeV)

30

MAT 7519

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

75-Re-183



31

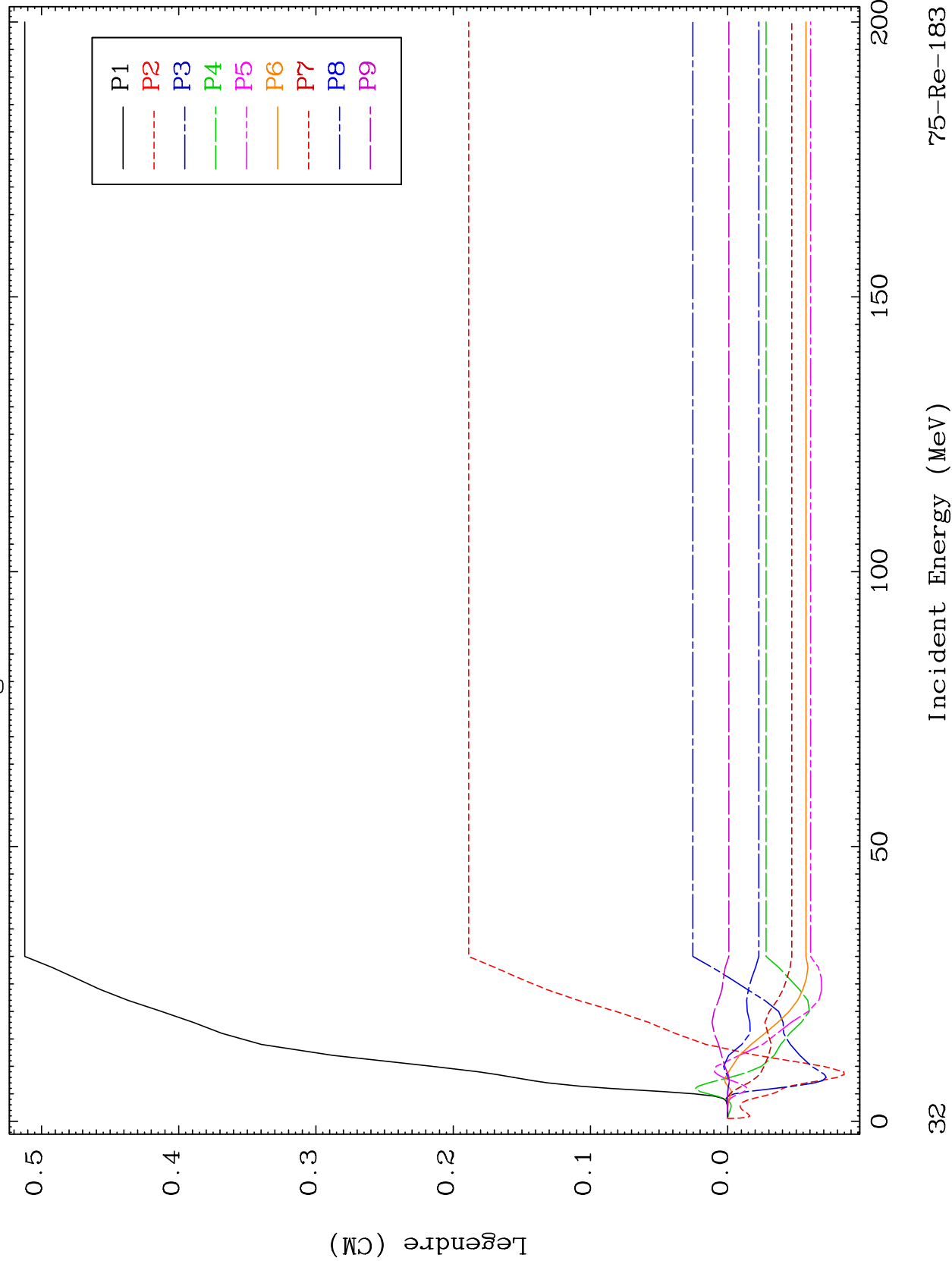
Incident Energy (MeV)

75-Re-183

MAT 7519

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

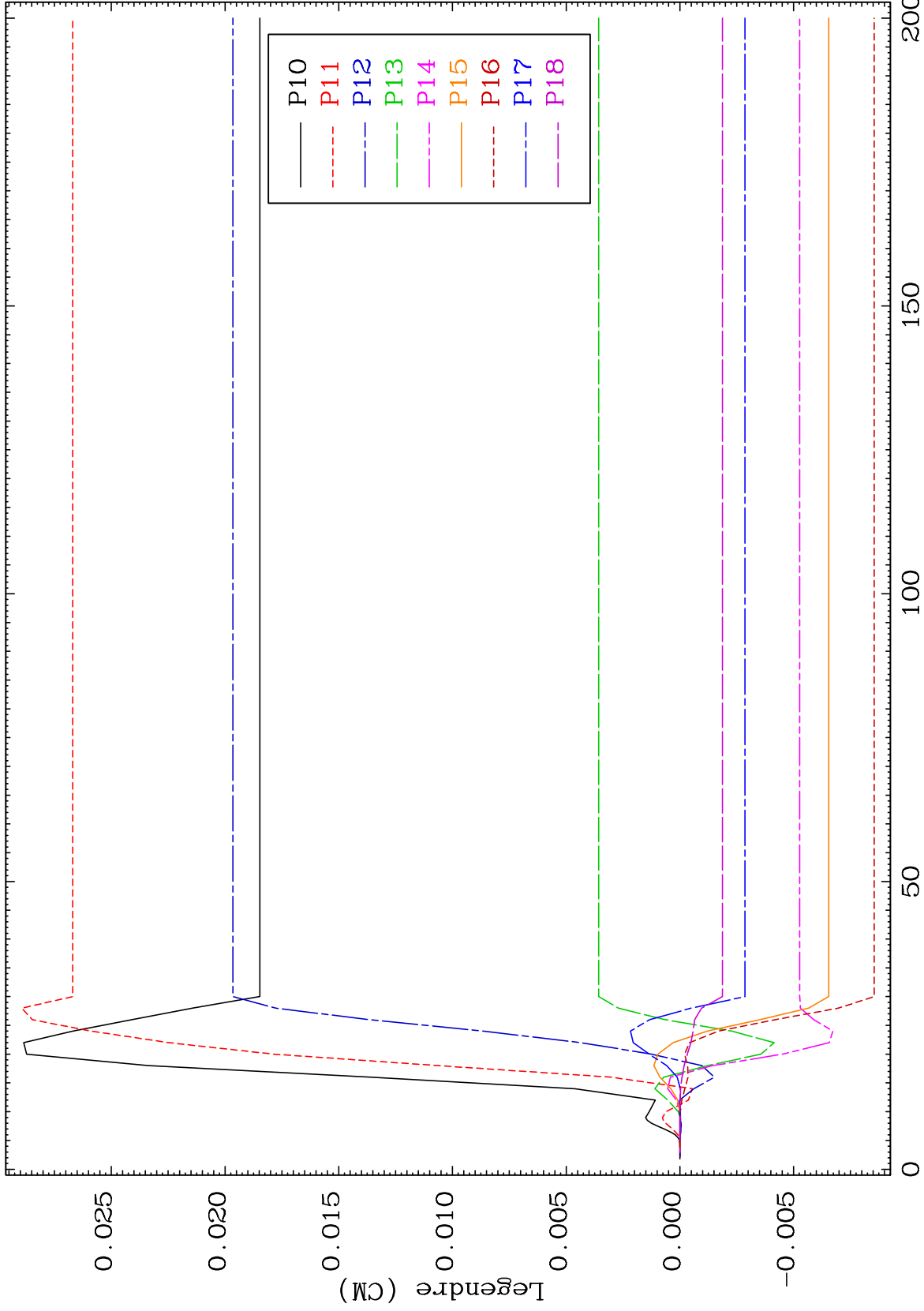
75-Re-183



32

Incident Energy (MeV)

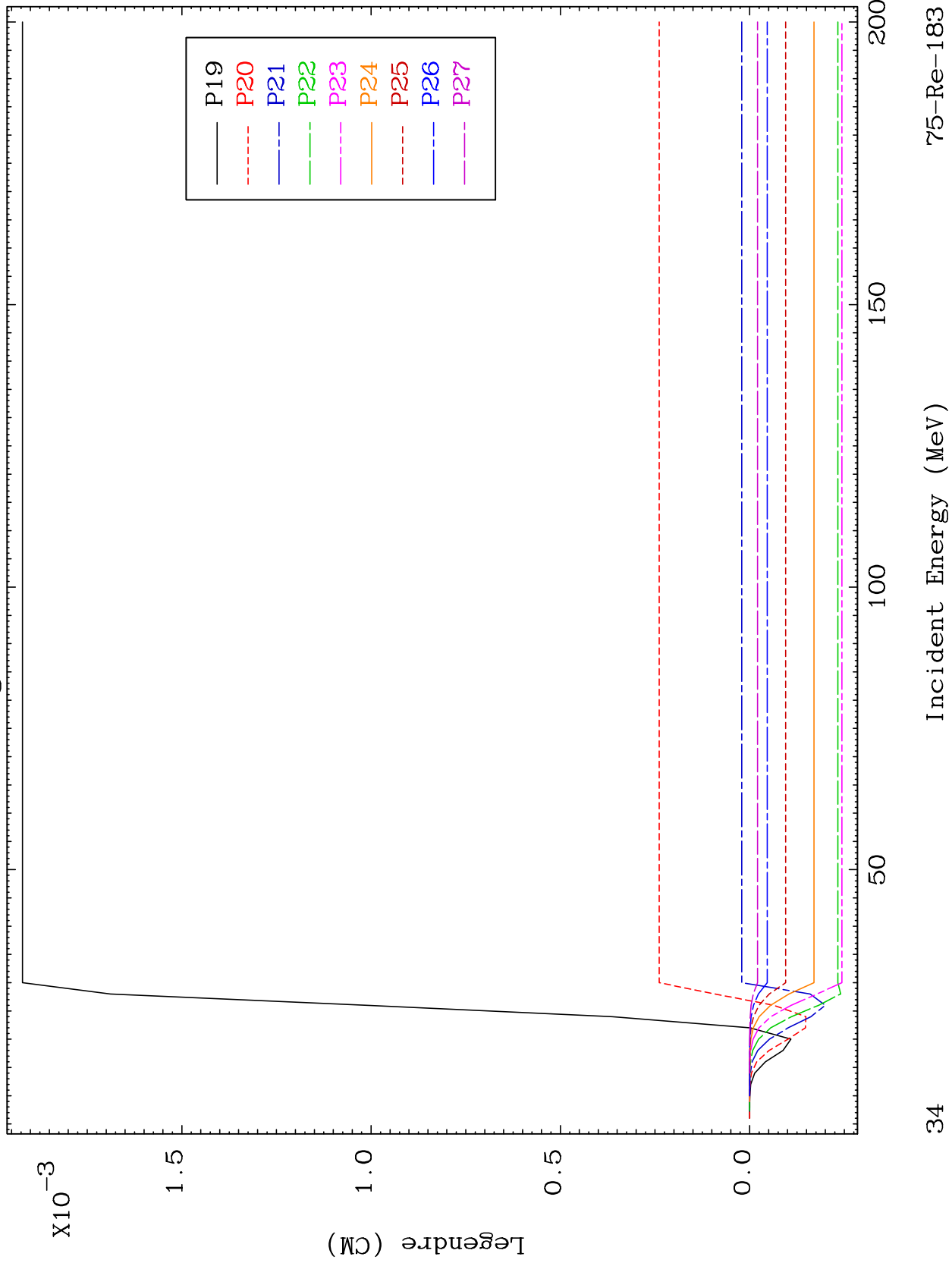
75-Re-183



MAT 7519

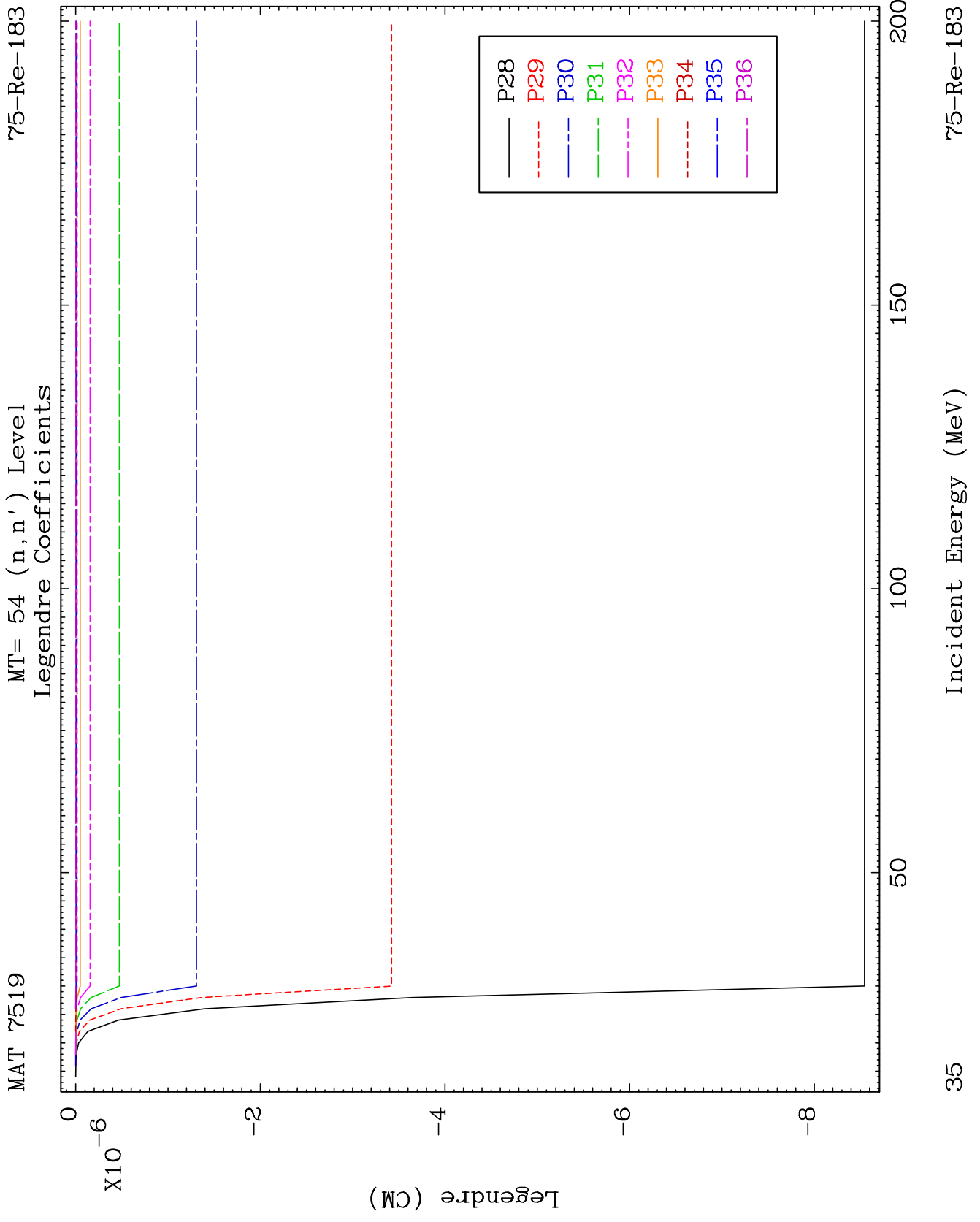
MT= 54 (n,n') Level
Legendre Coefficients

75-Re-183



34

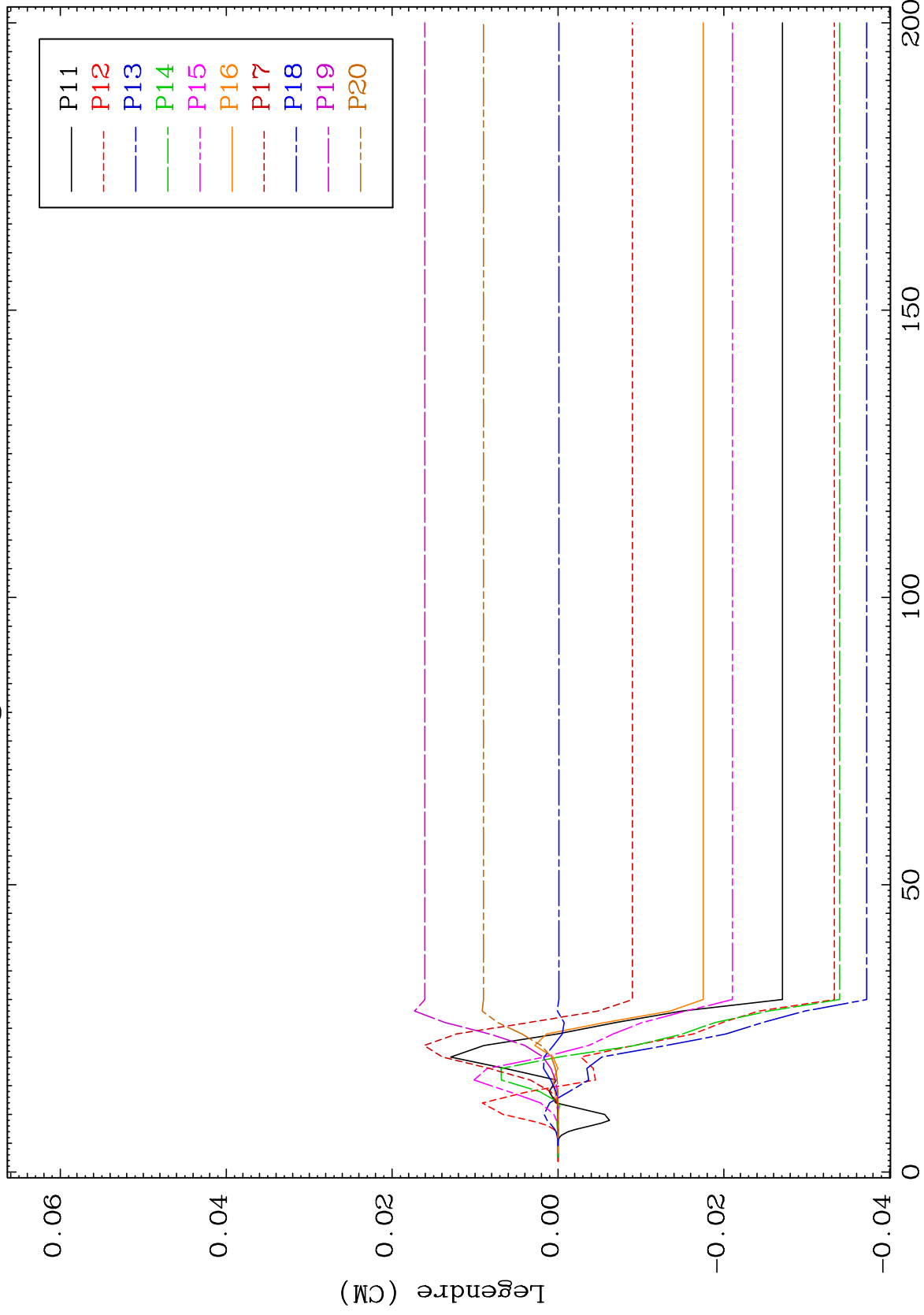
75-Re-183



MAT 7519

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

75-Re-183



37

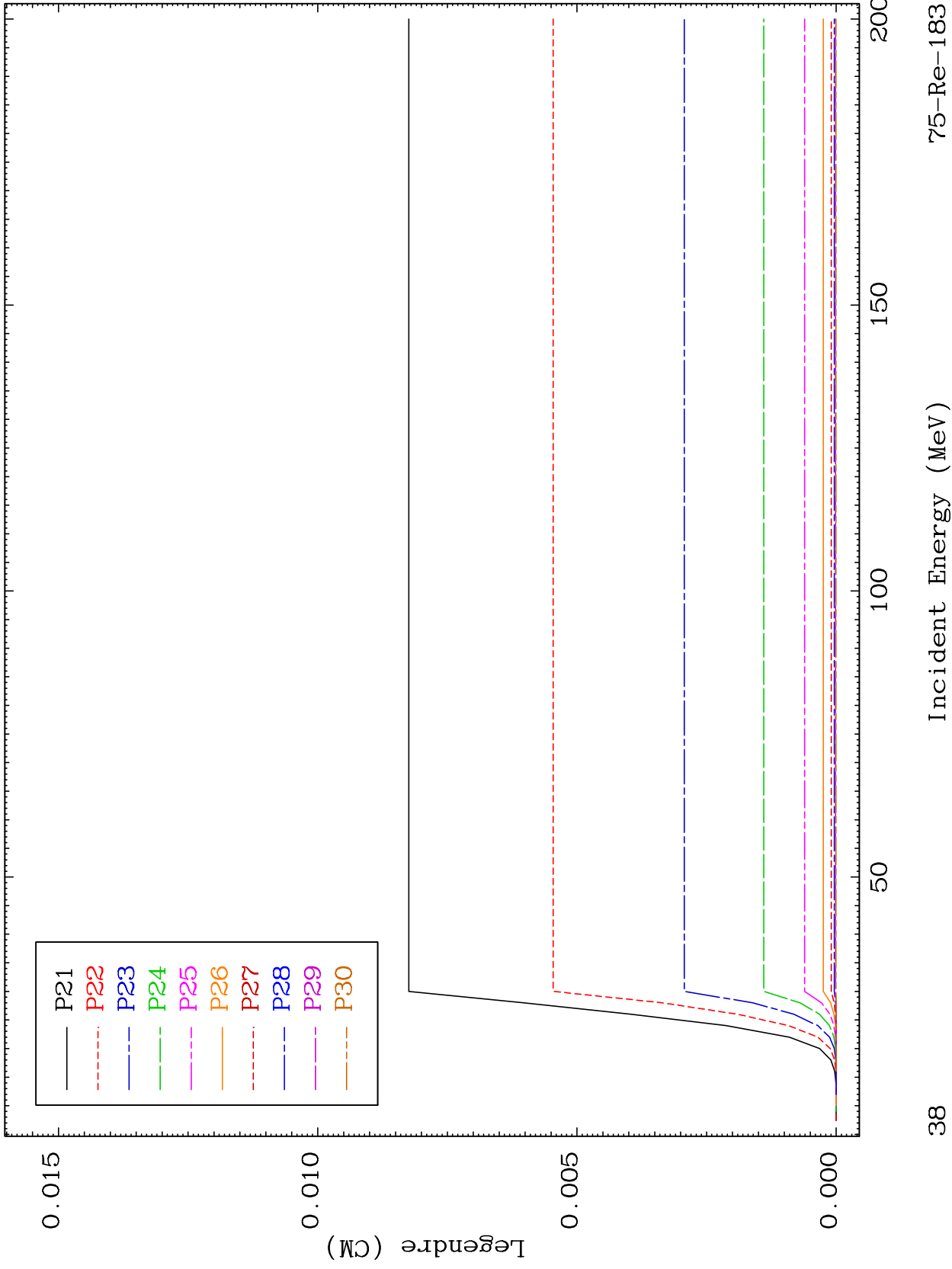
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



38

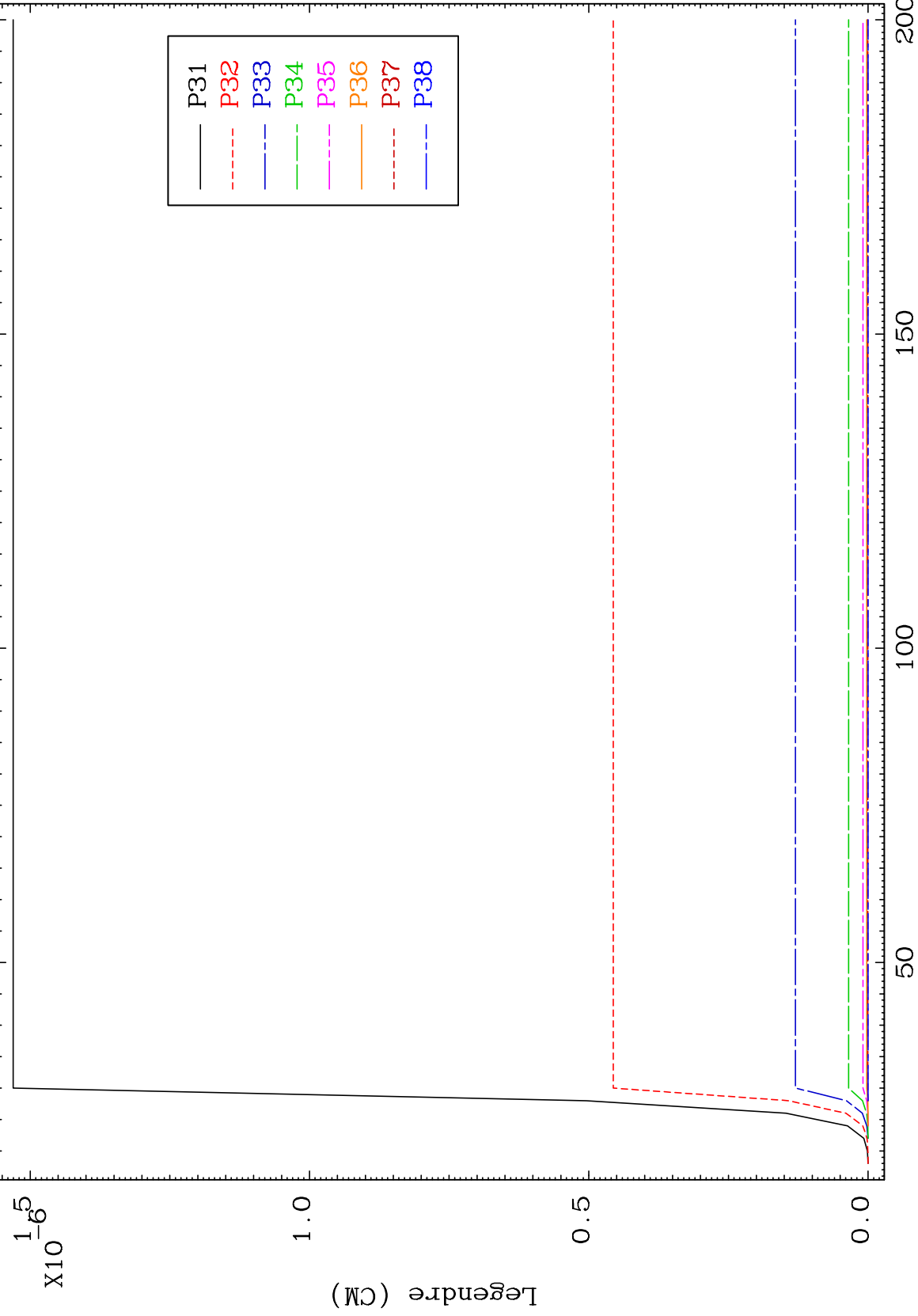
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



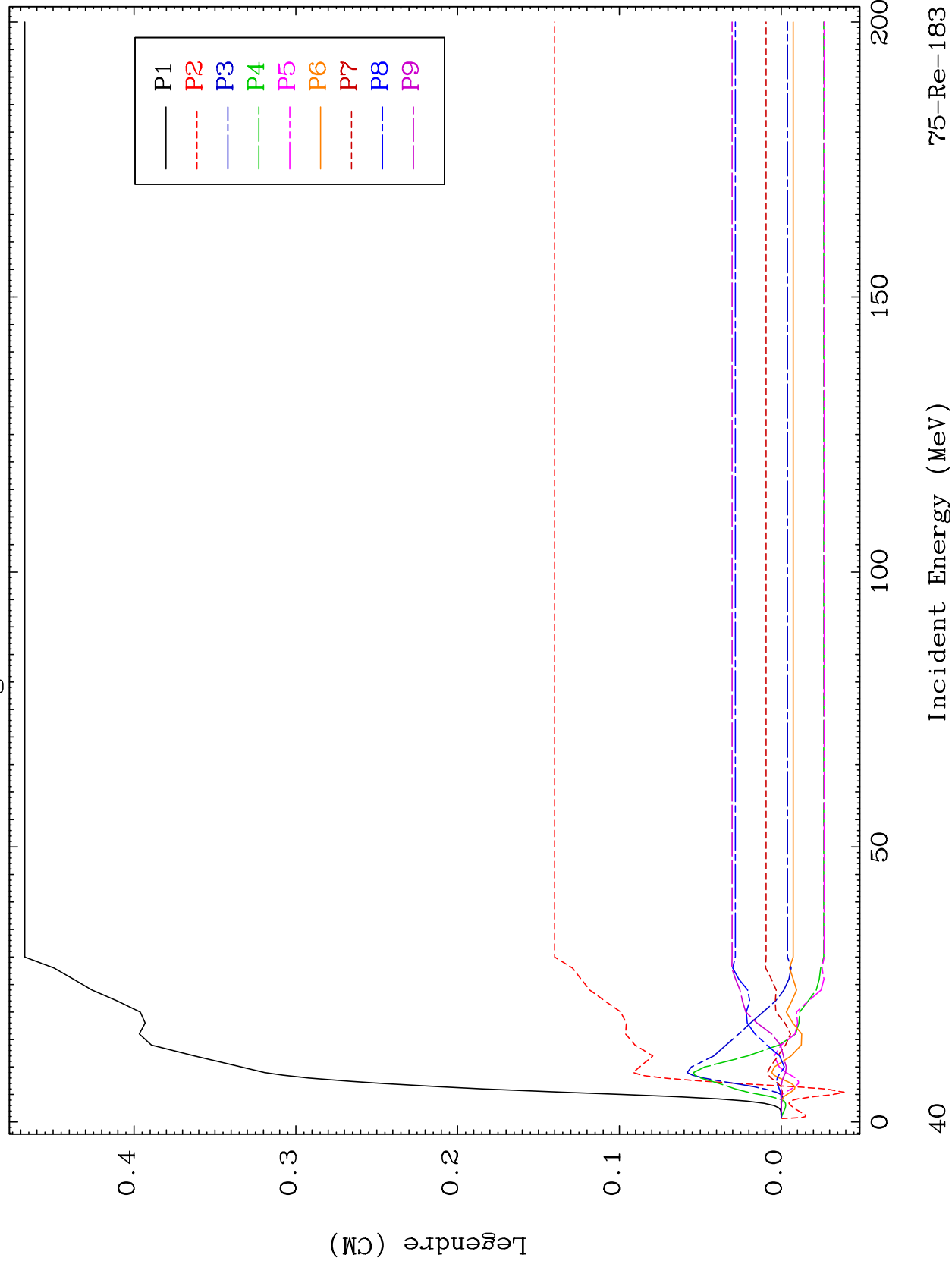
39

75-Re-183

MAT 7519

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

75-Re-183



75-Re-183

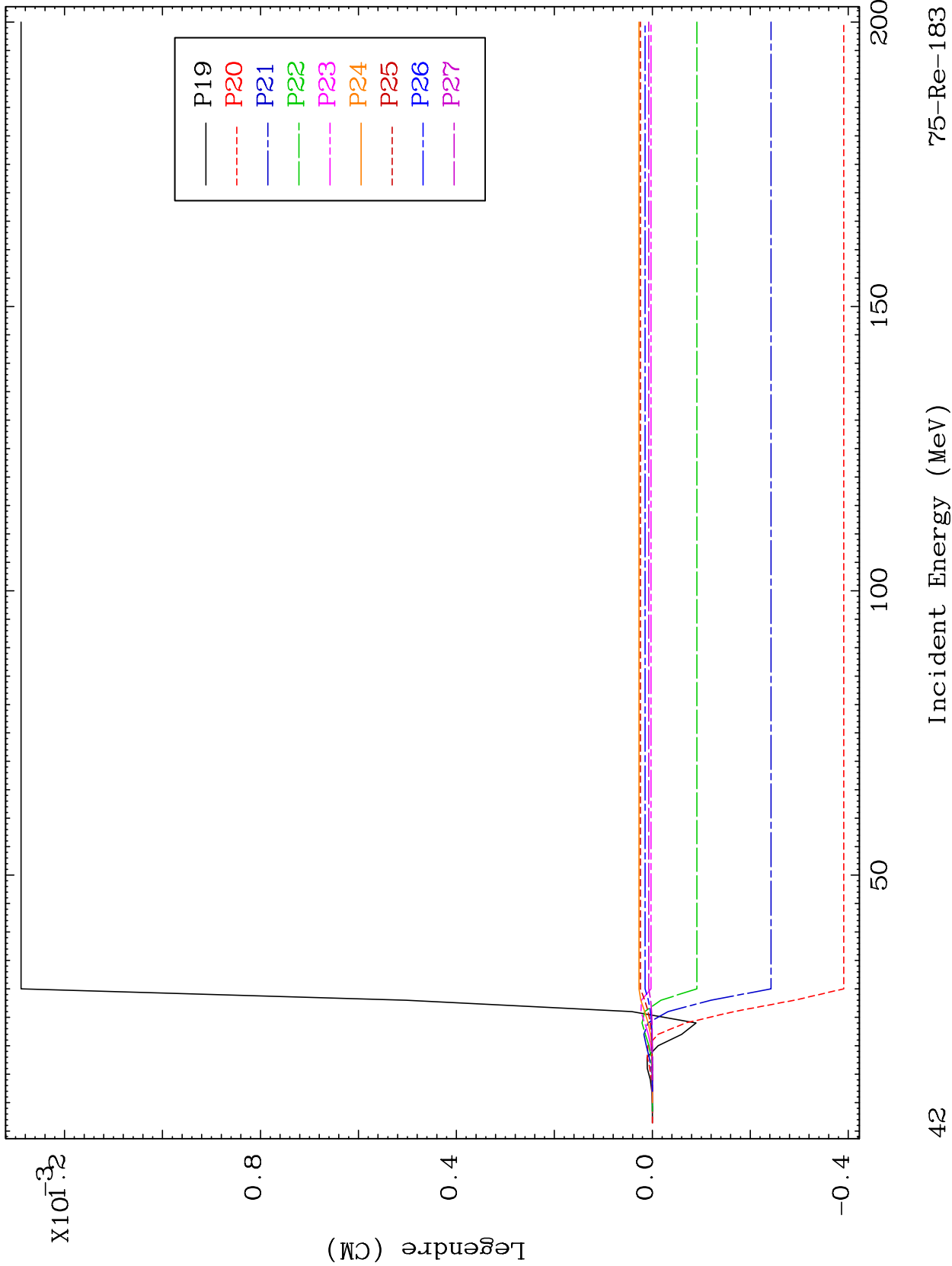
Incident Energy (MeV)

40

MAT 7519

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

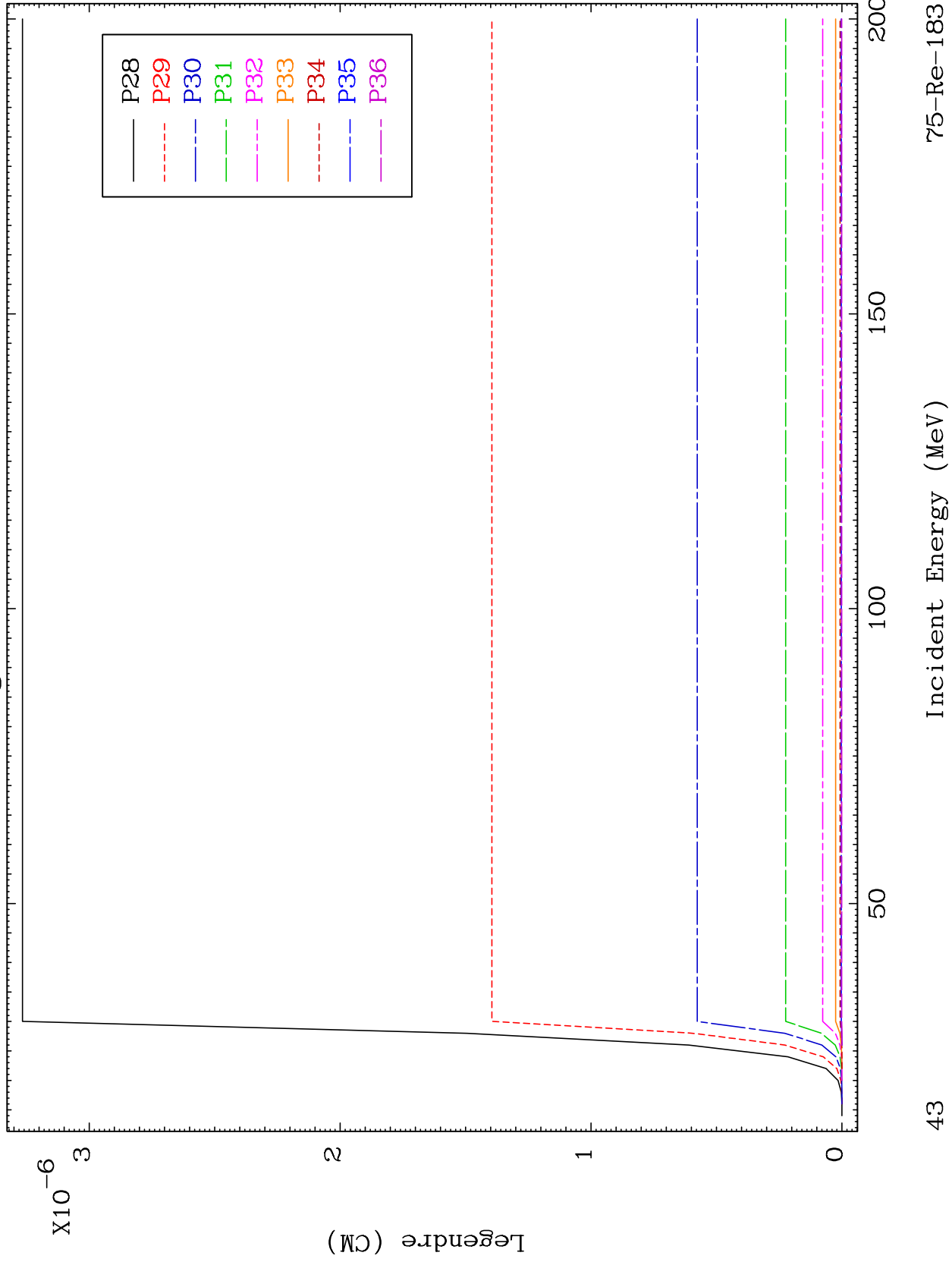
75-Re-183



MAT 7519

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

75-Re-183



43

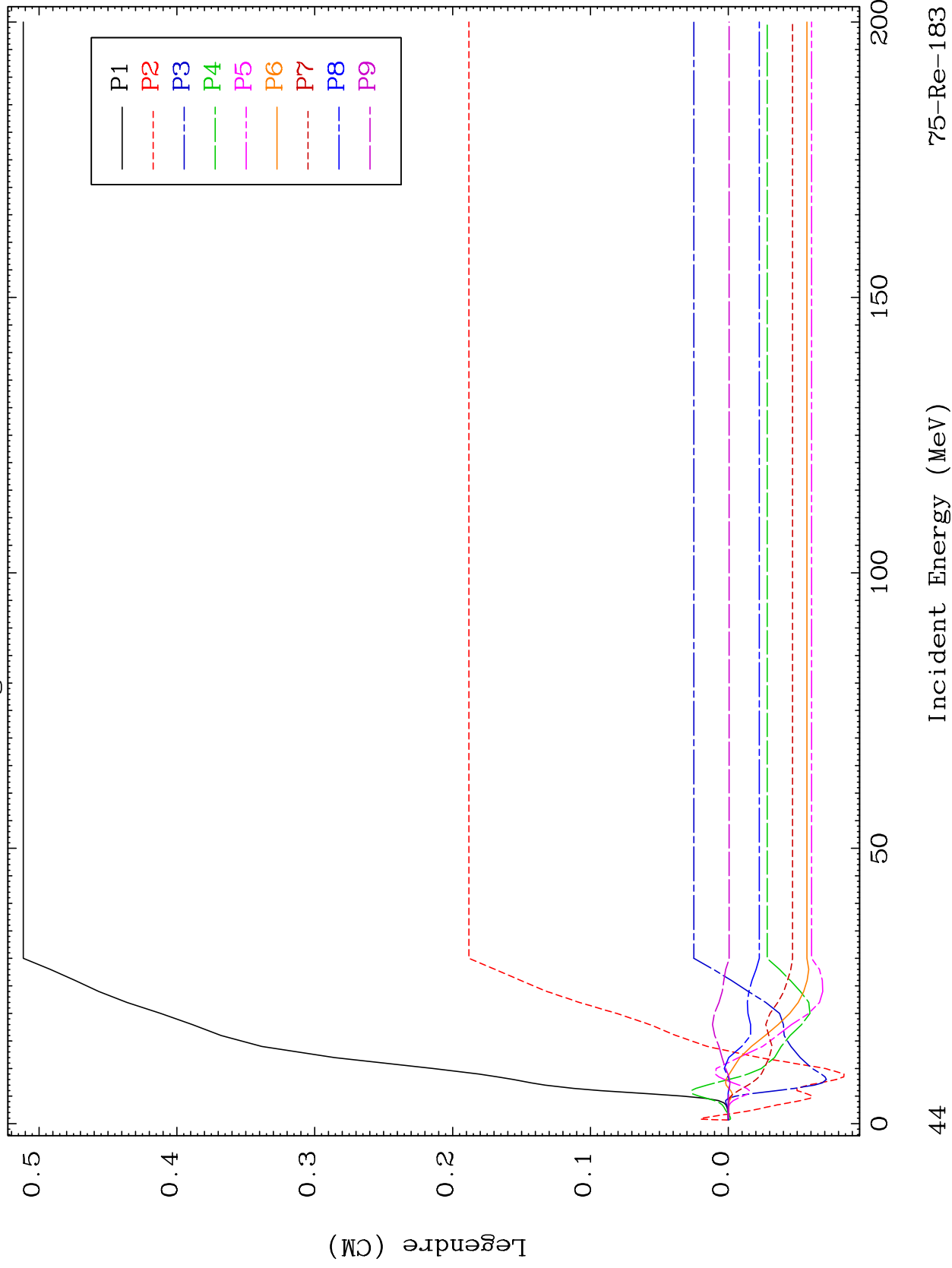
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



75-Re-183

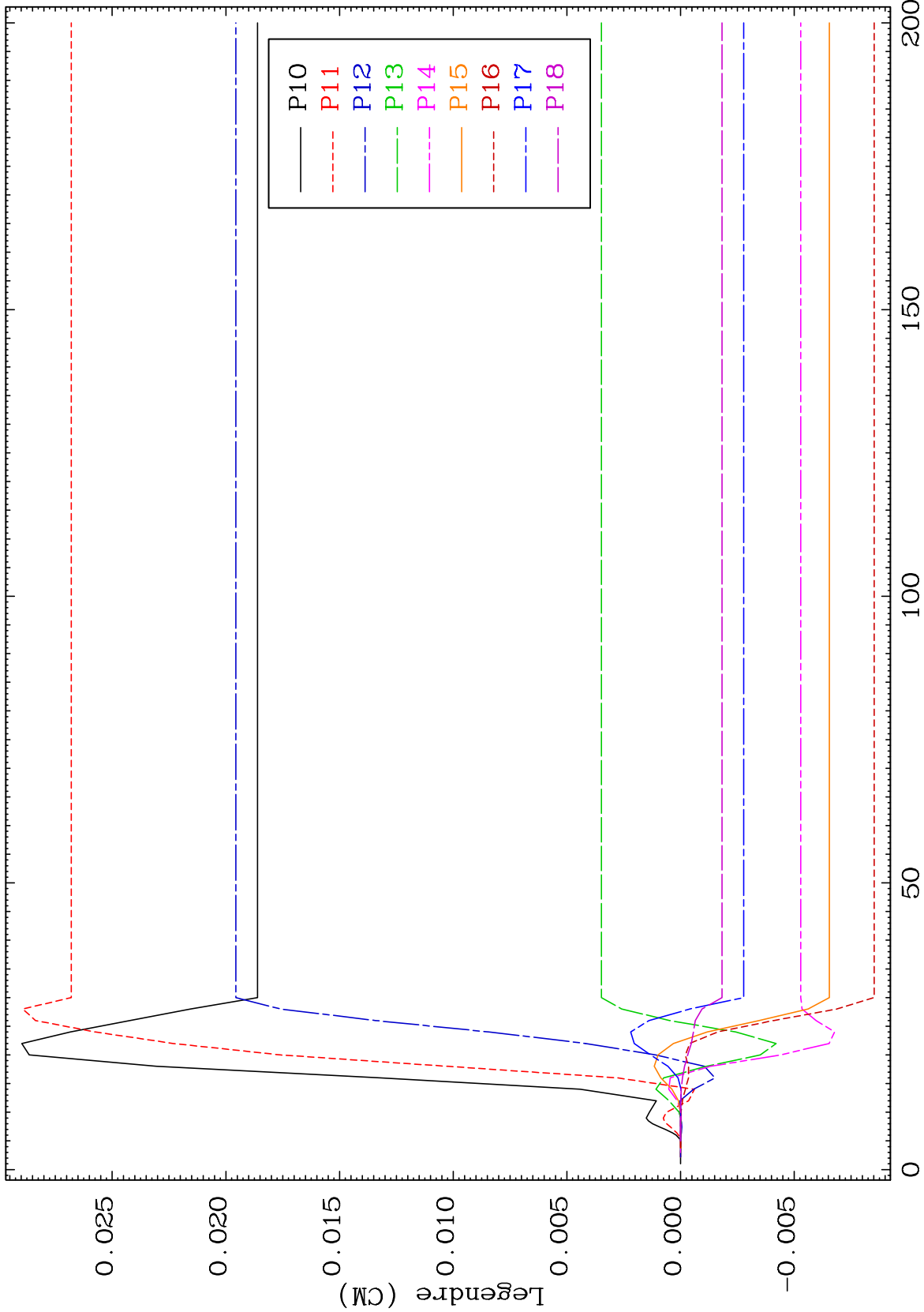
Incident Energy (MeV)

44

MAT 7519

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

75-Re-183



45

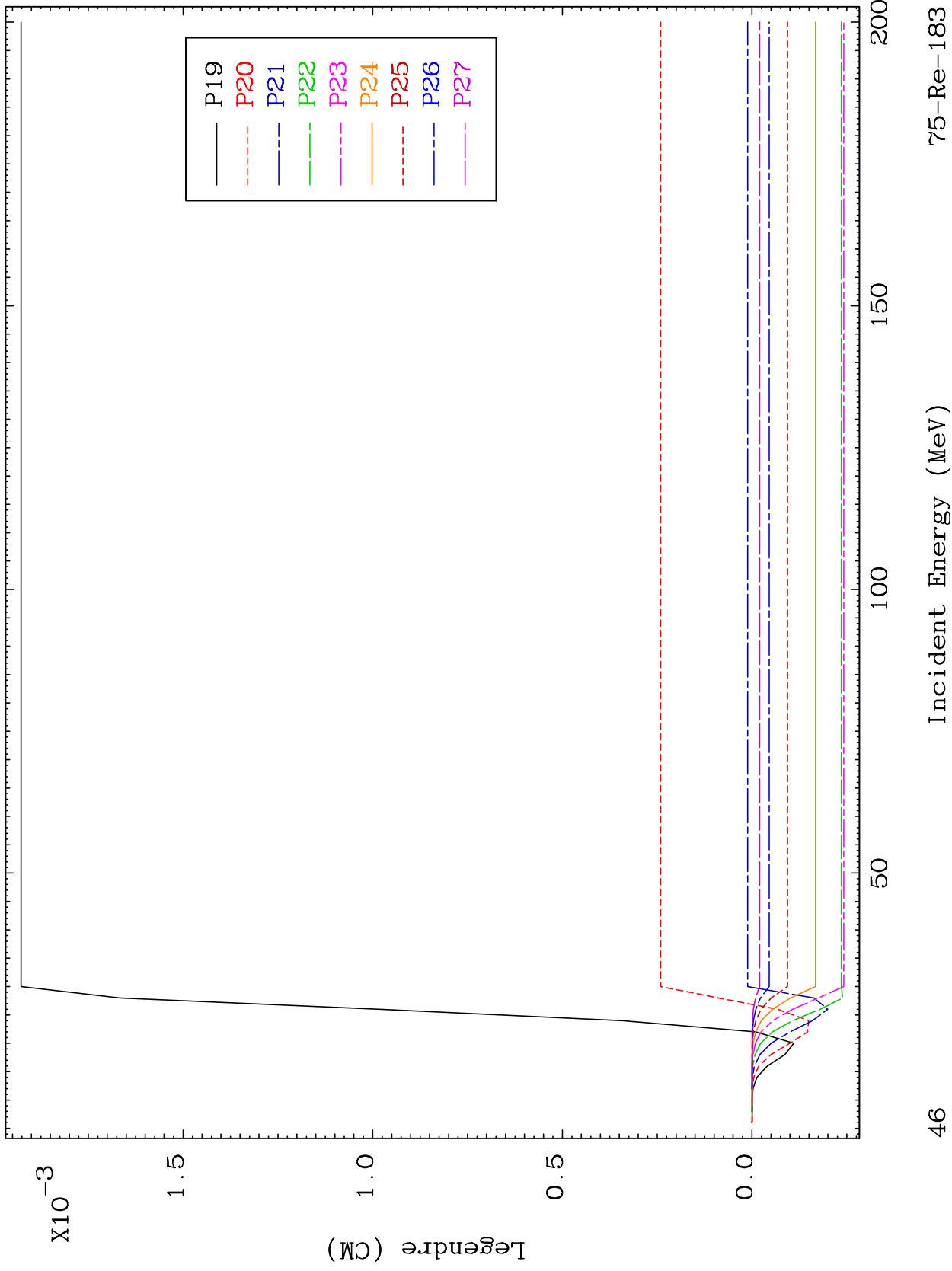
Incident Energy (MeV)

75-Re-183

MAT 7519

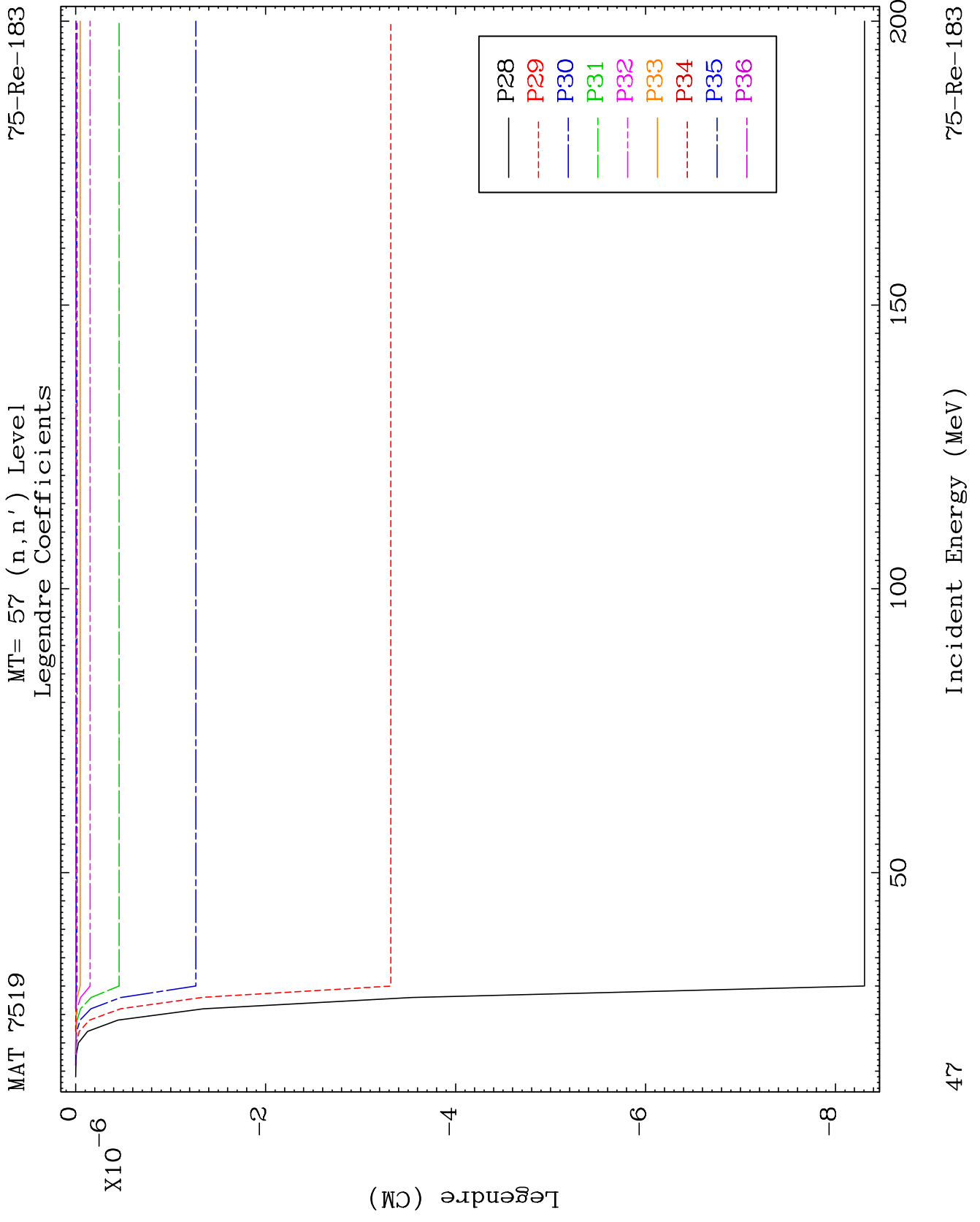
MT= 57 (n,n') Level
Legendre Coefficients

75-Re-183



46

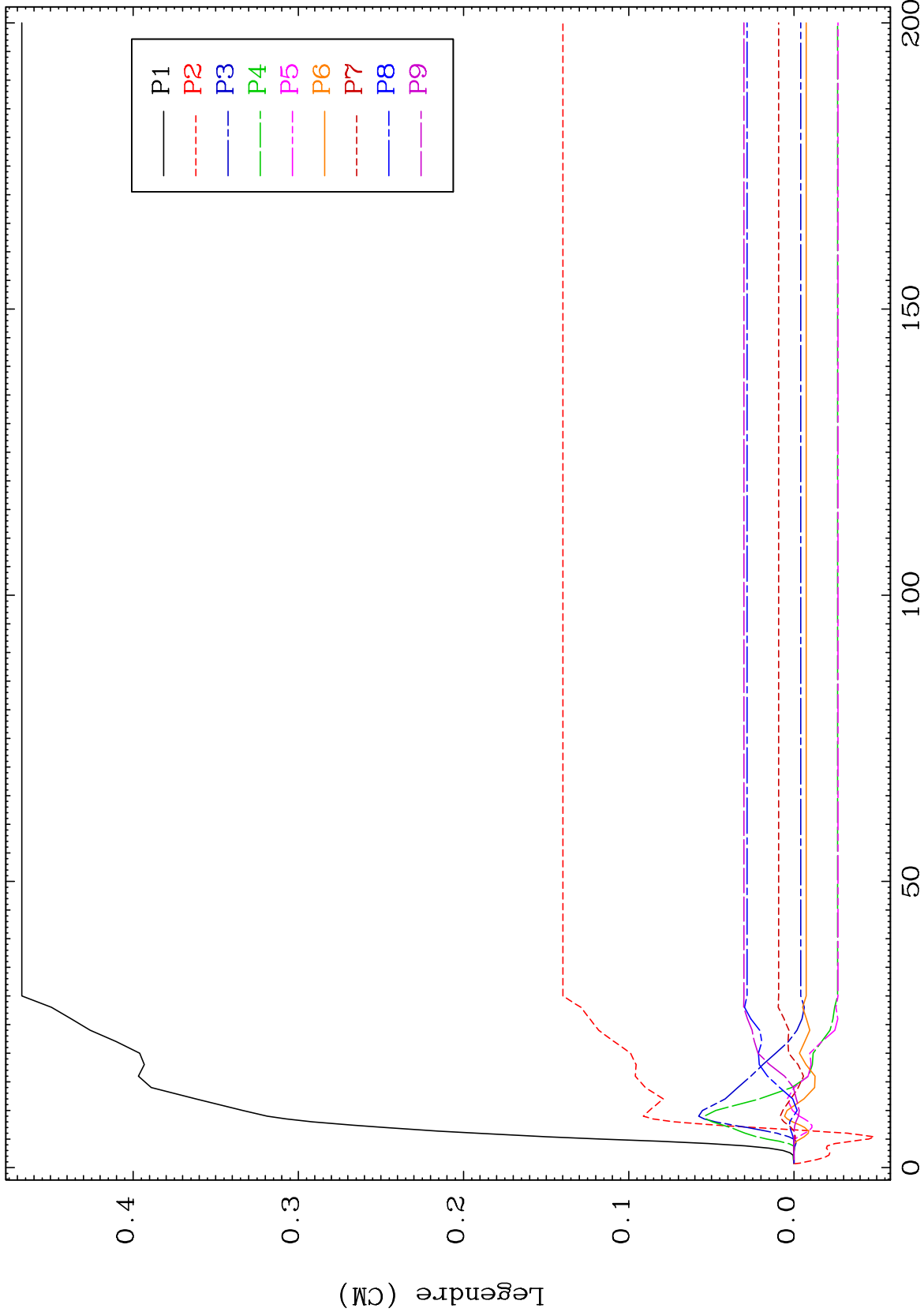
75-Re-183



MAT 7519

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

75-Re-183



48

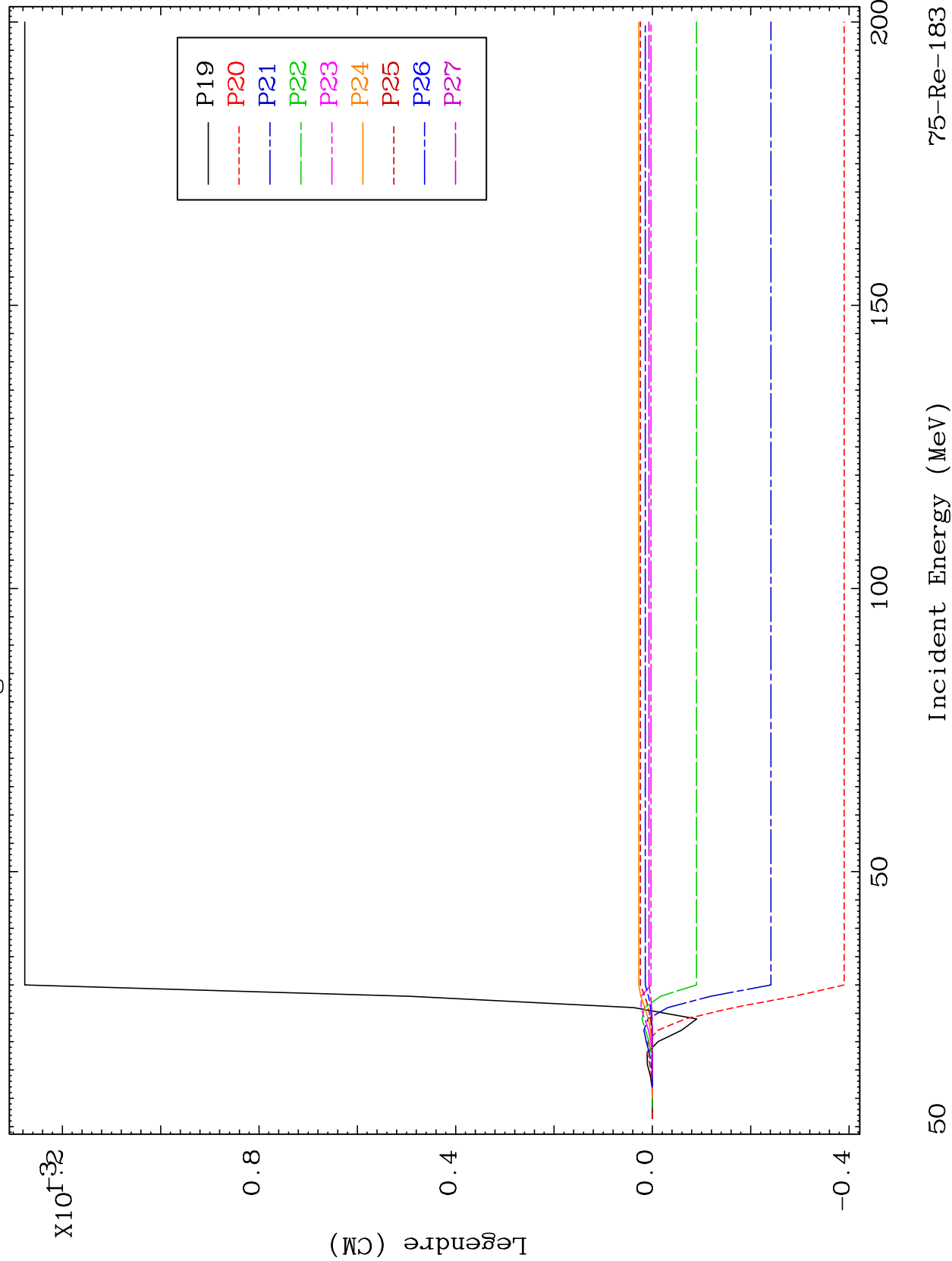
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



50

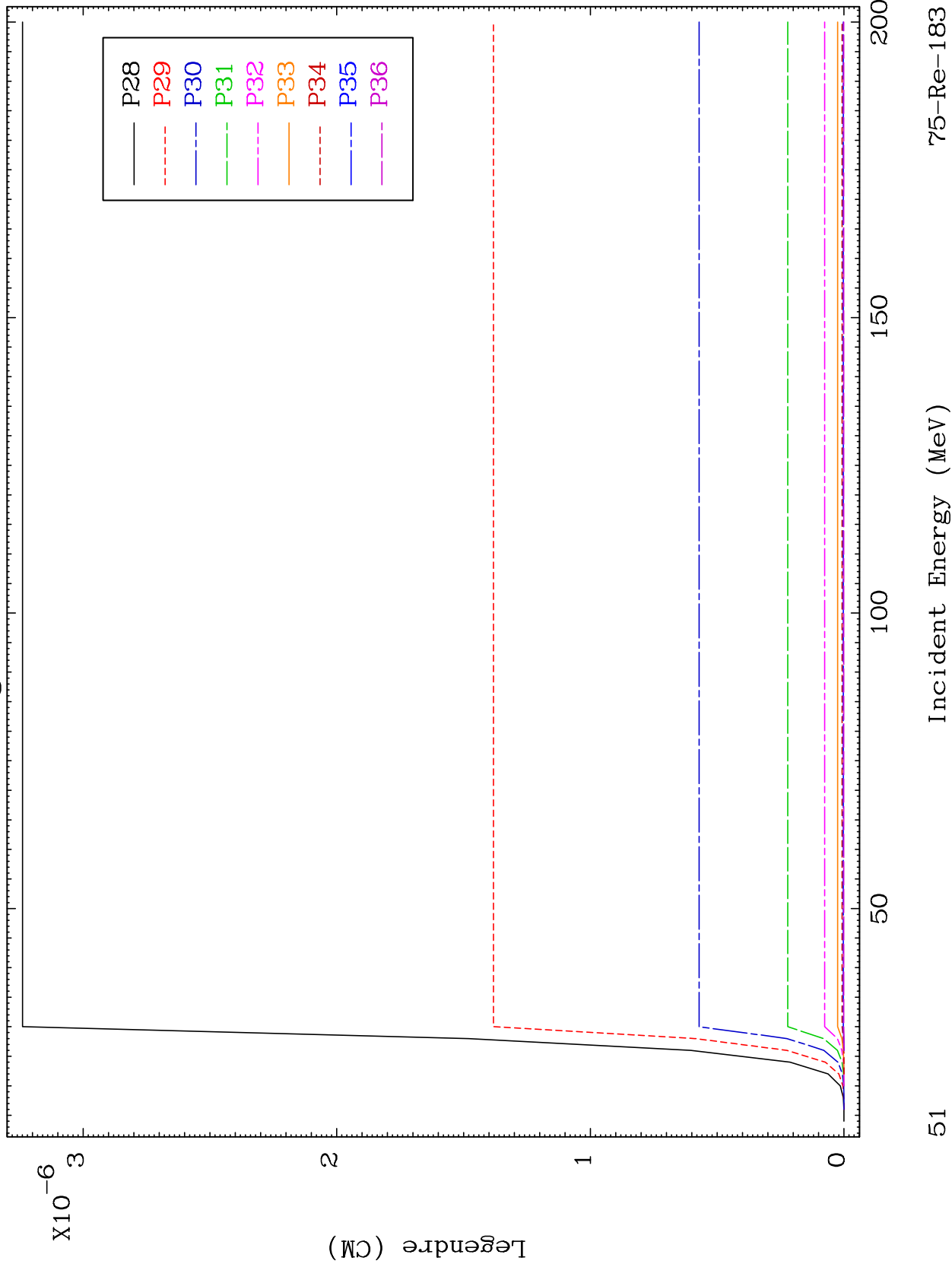
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



51

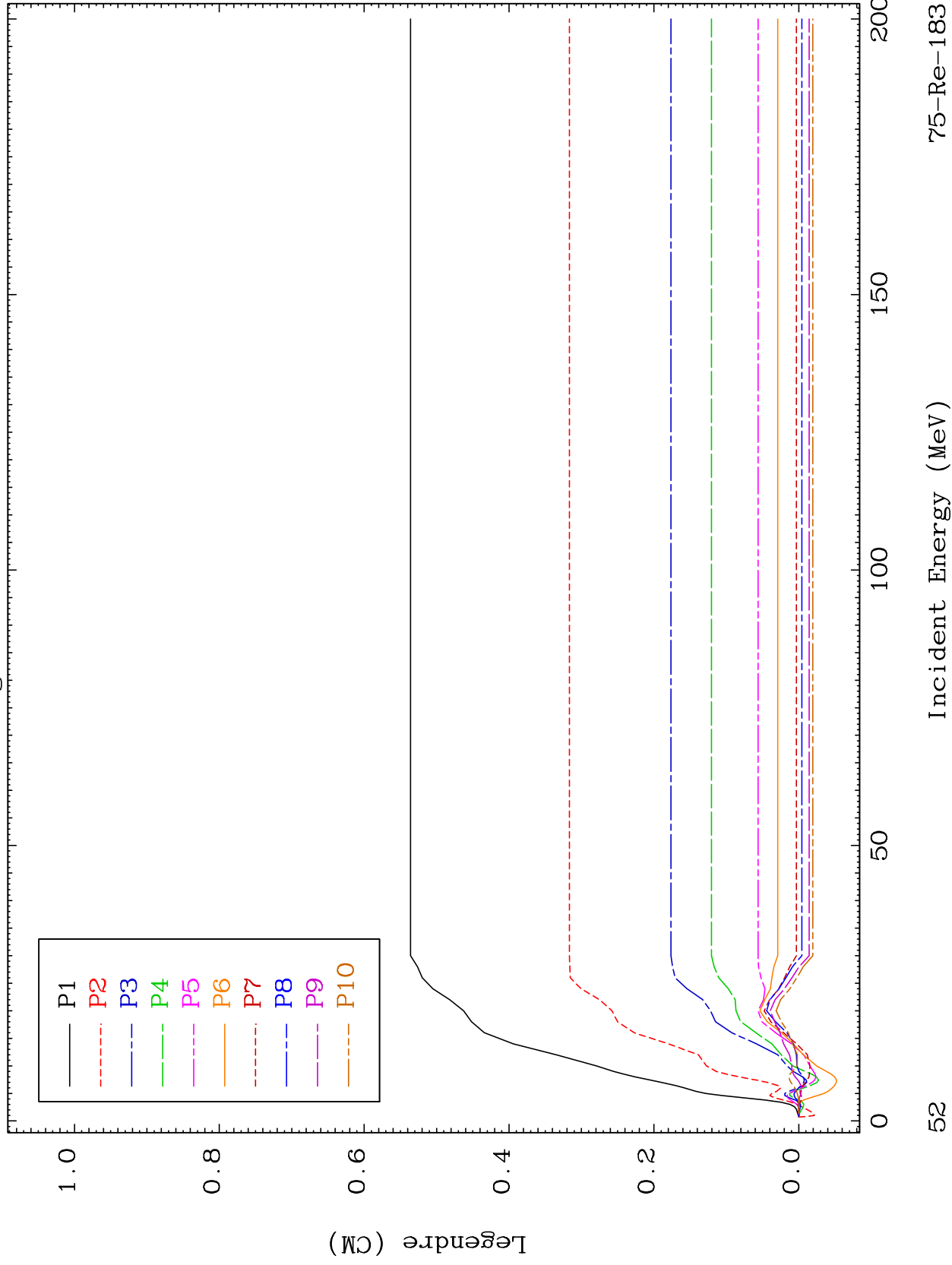
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



52

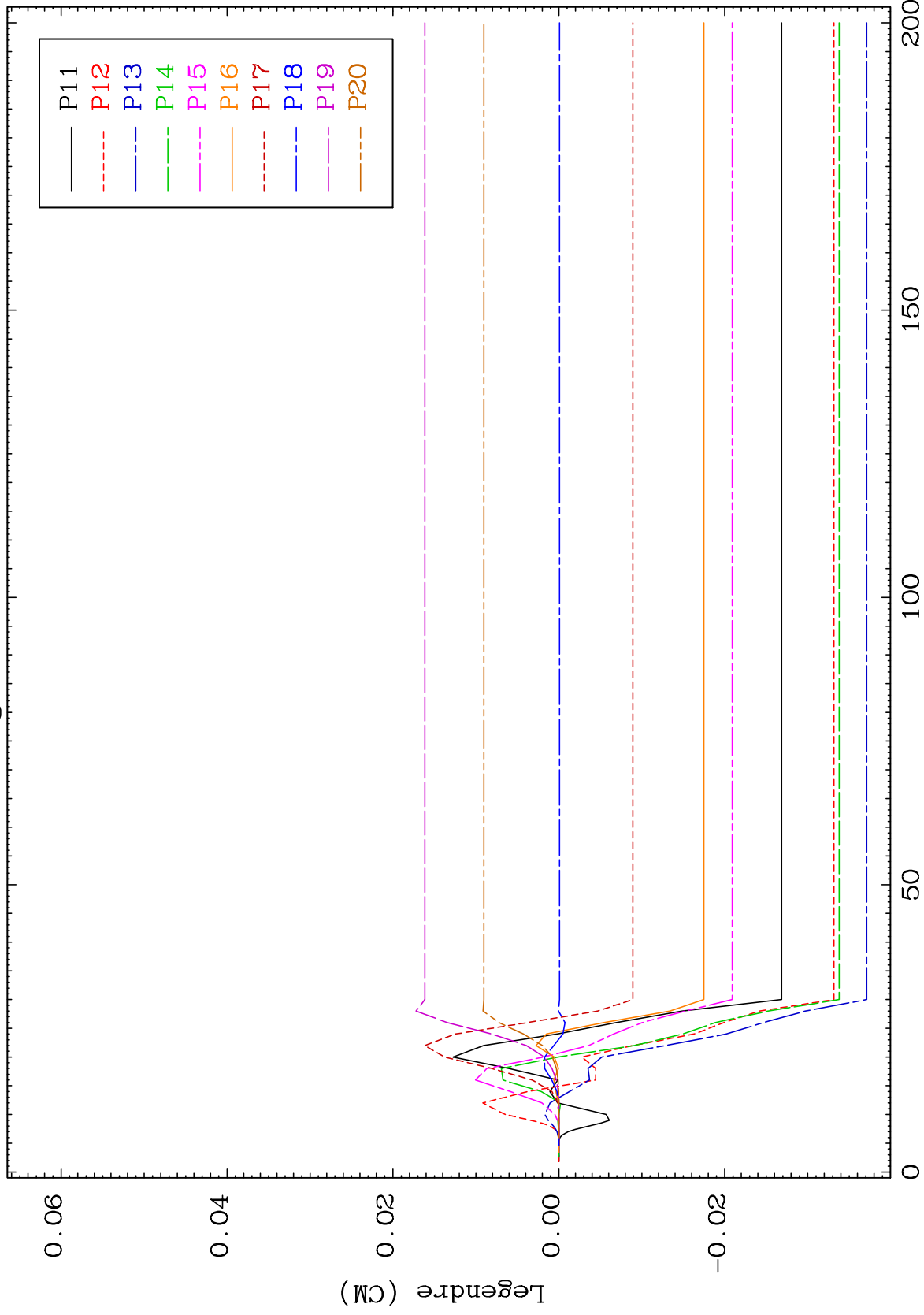
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



53

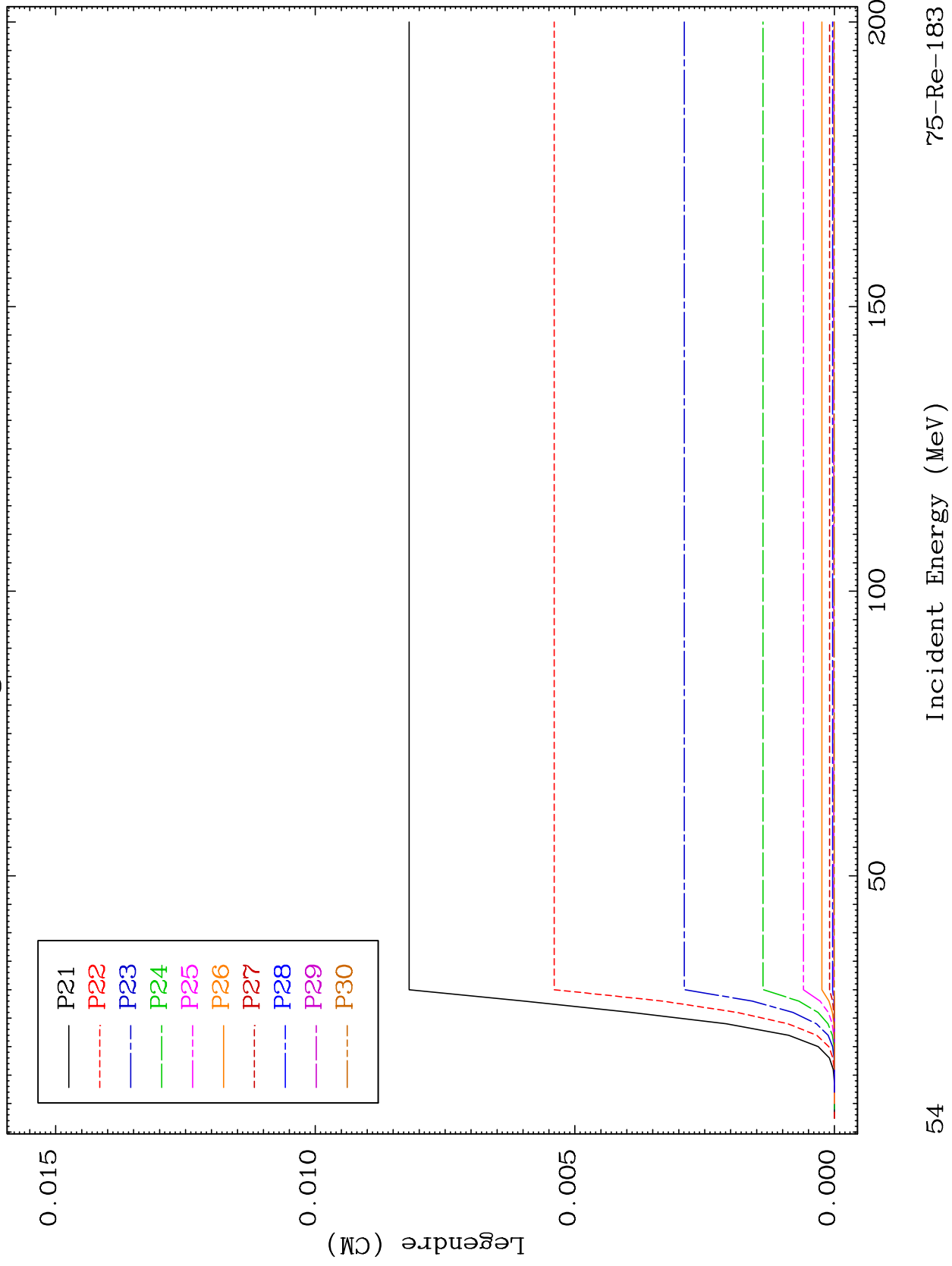
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



54

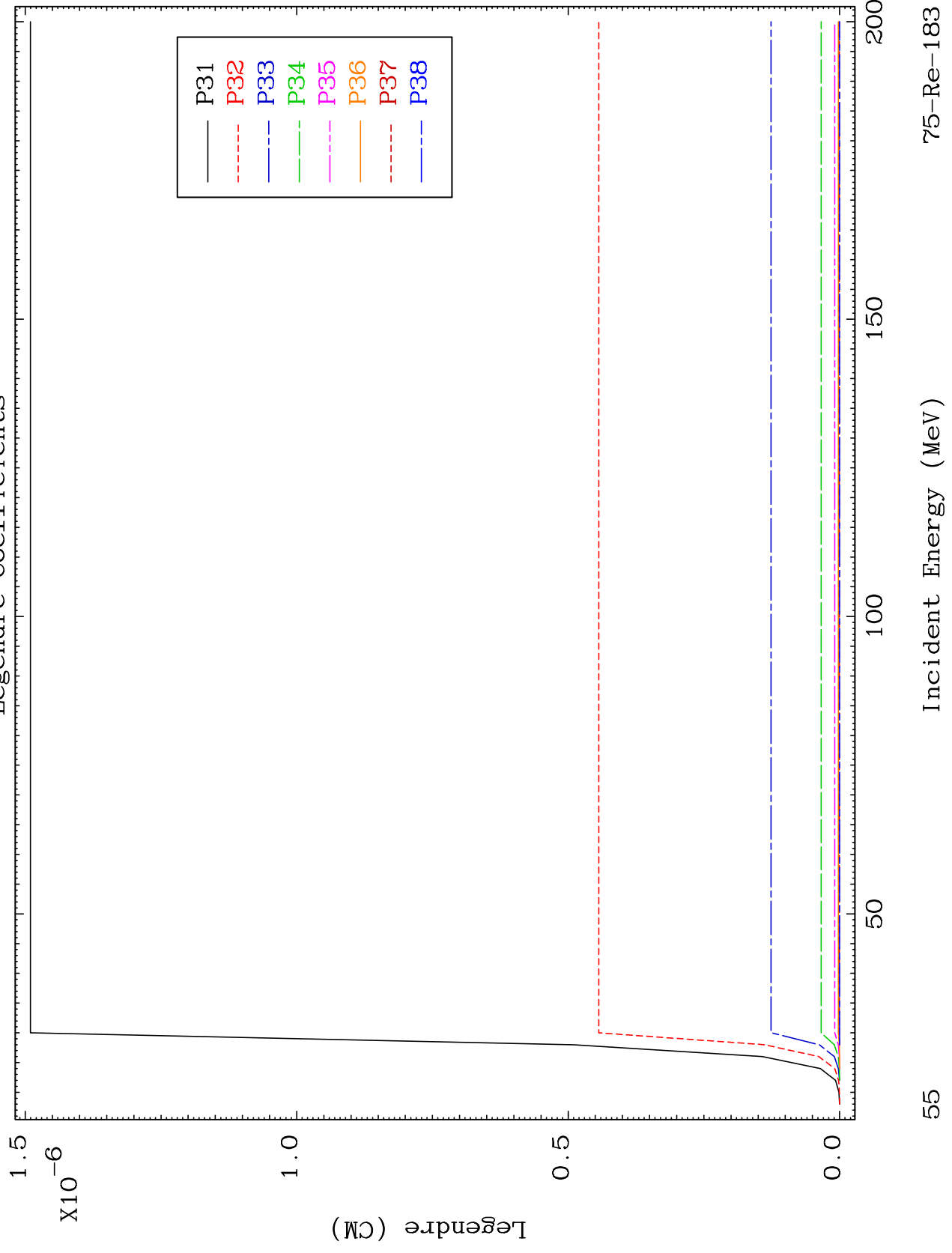
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



75-Re-183

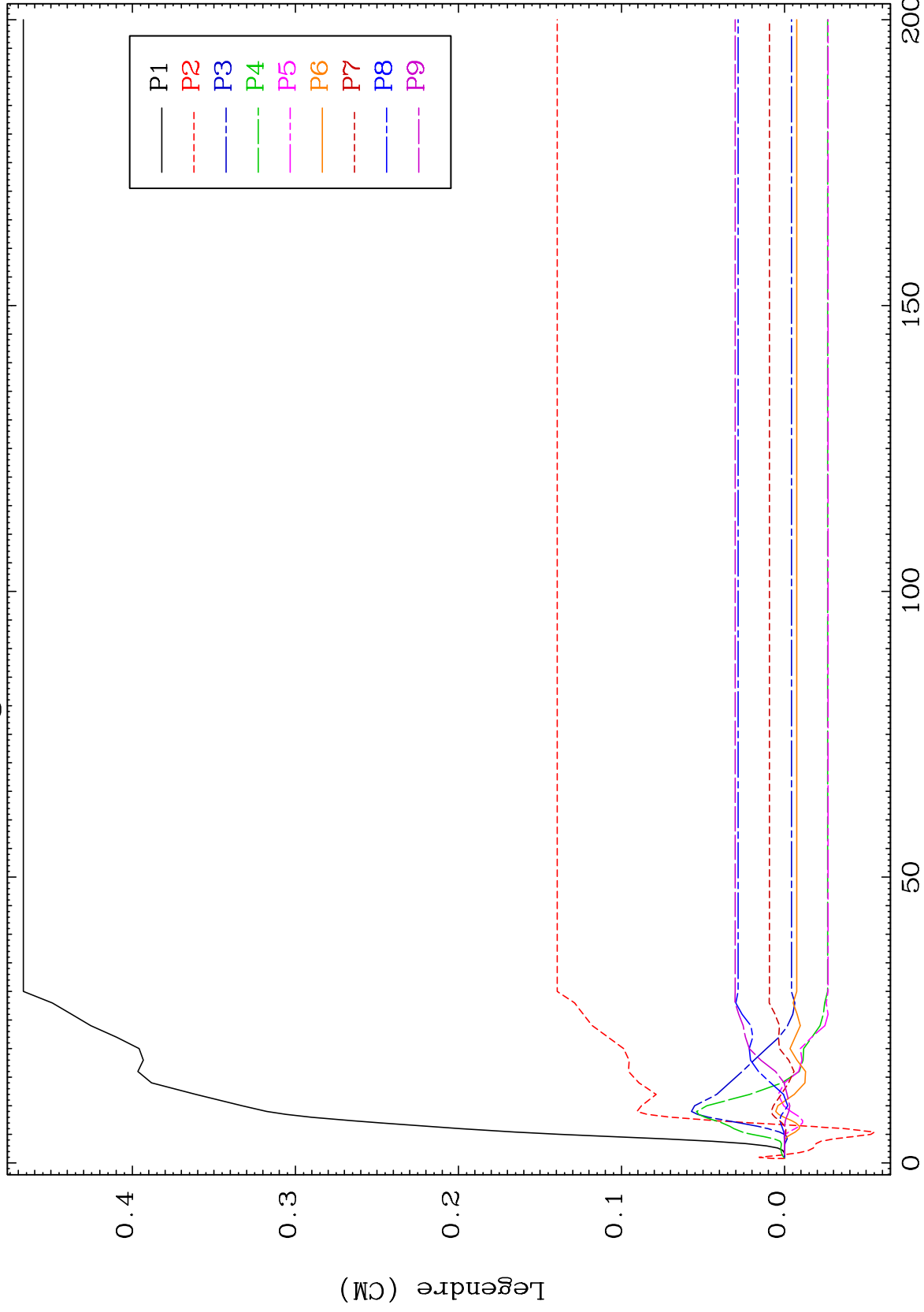
Incident Energy (MeV)

55

MAT 7519

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

75-Re-183



56

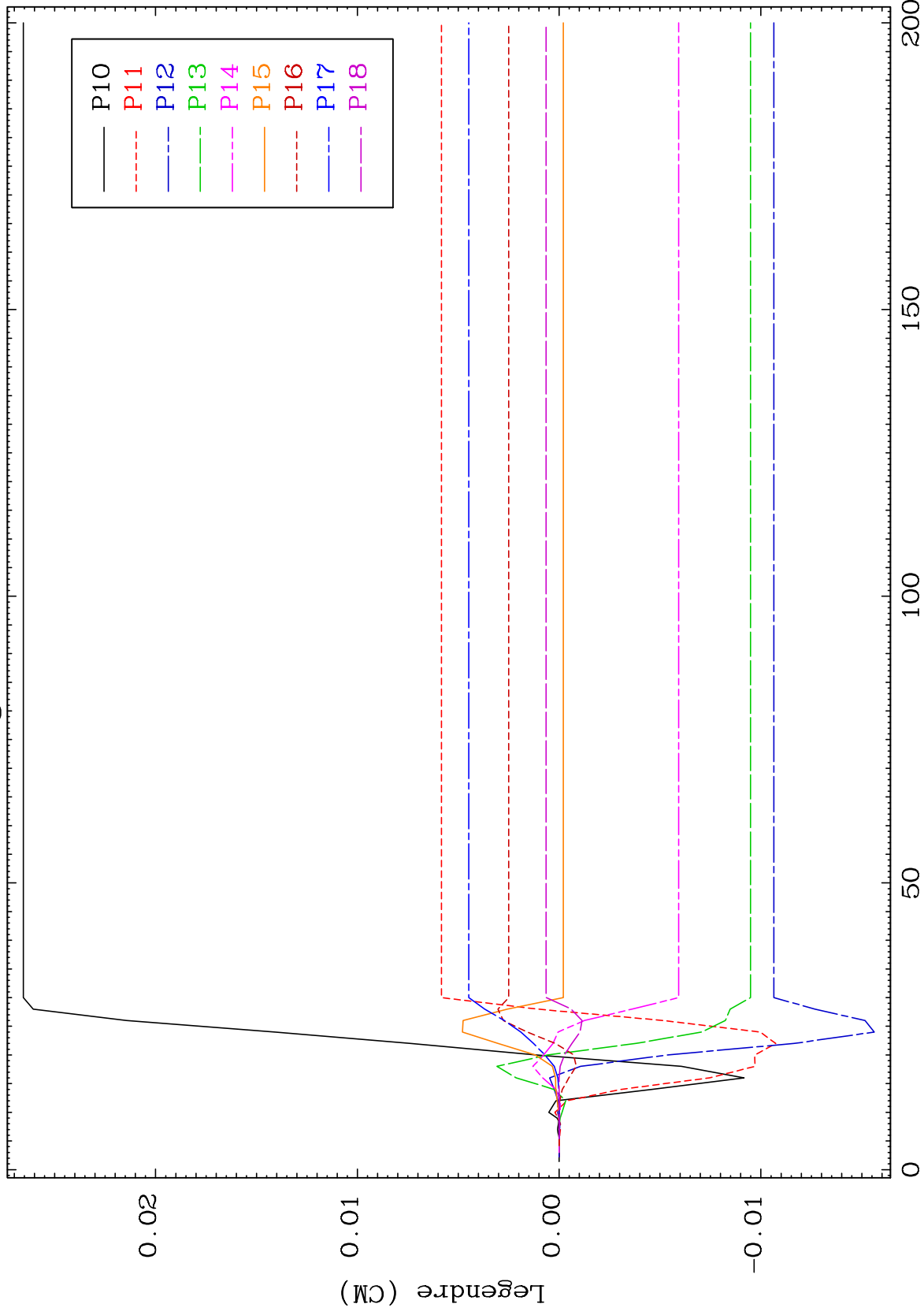
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



57

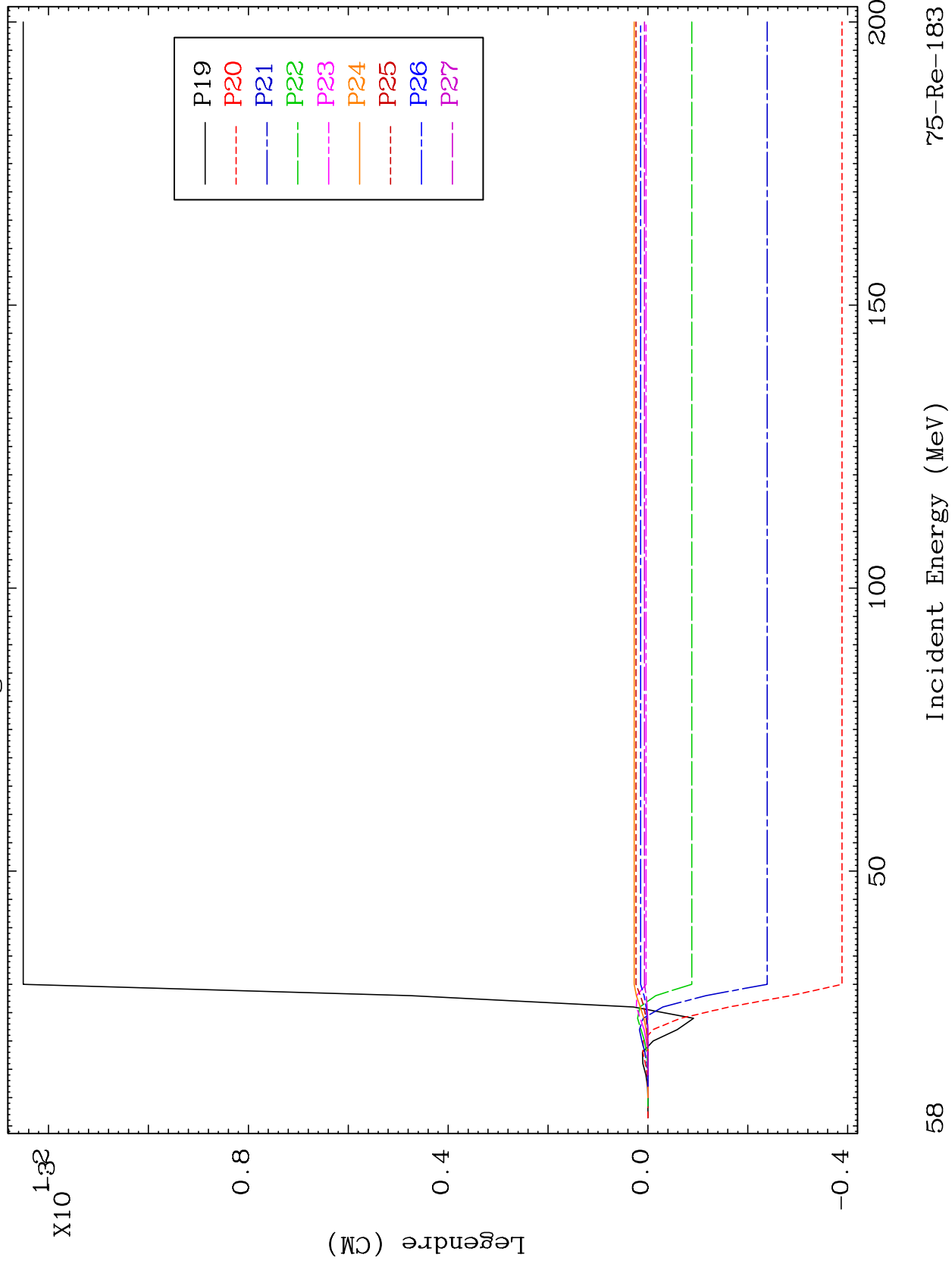
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



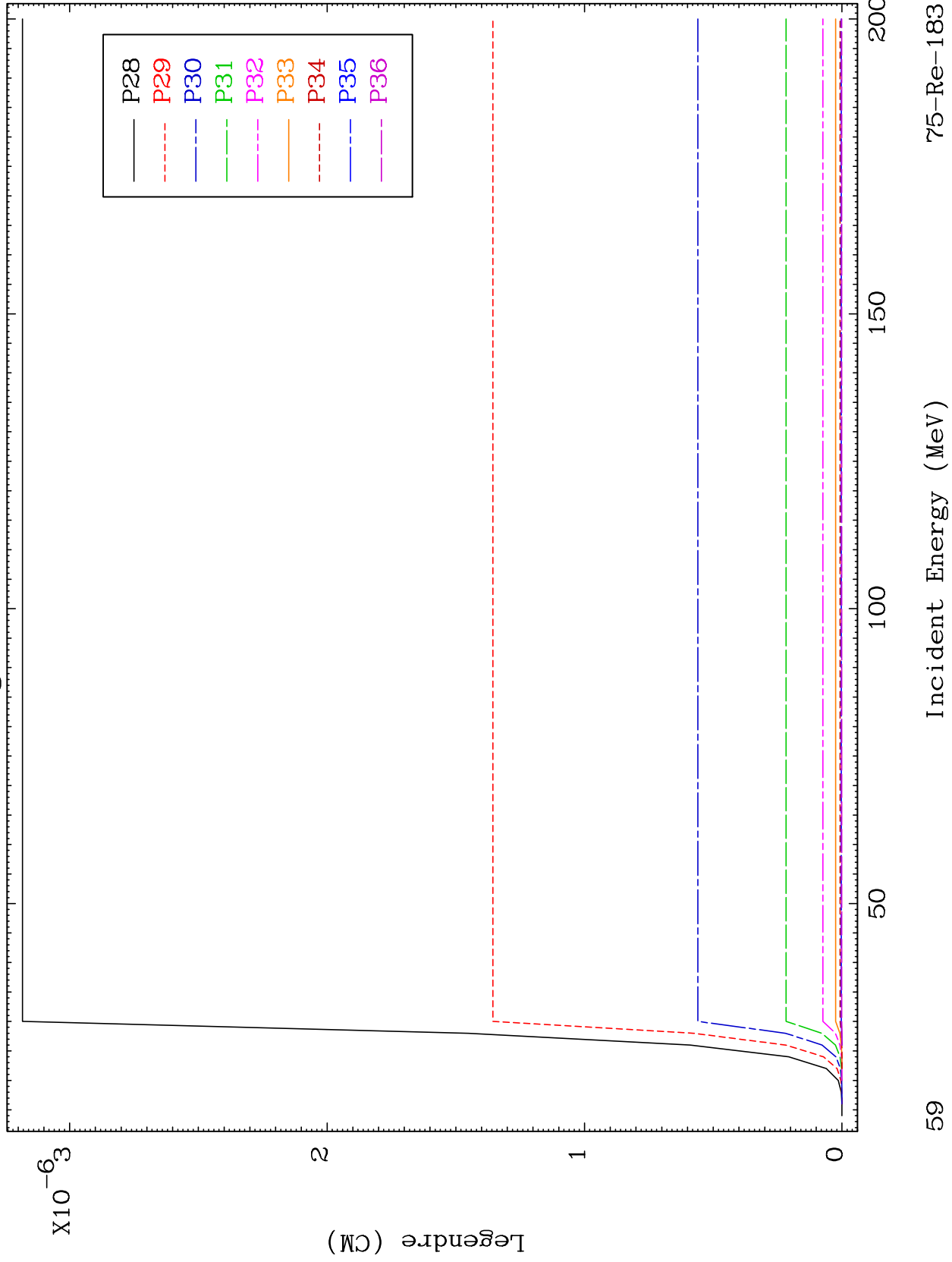
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75-Re-183

MAT 7519

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

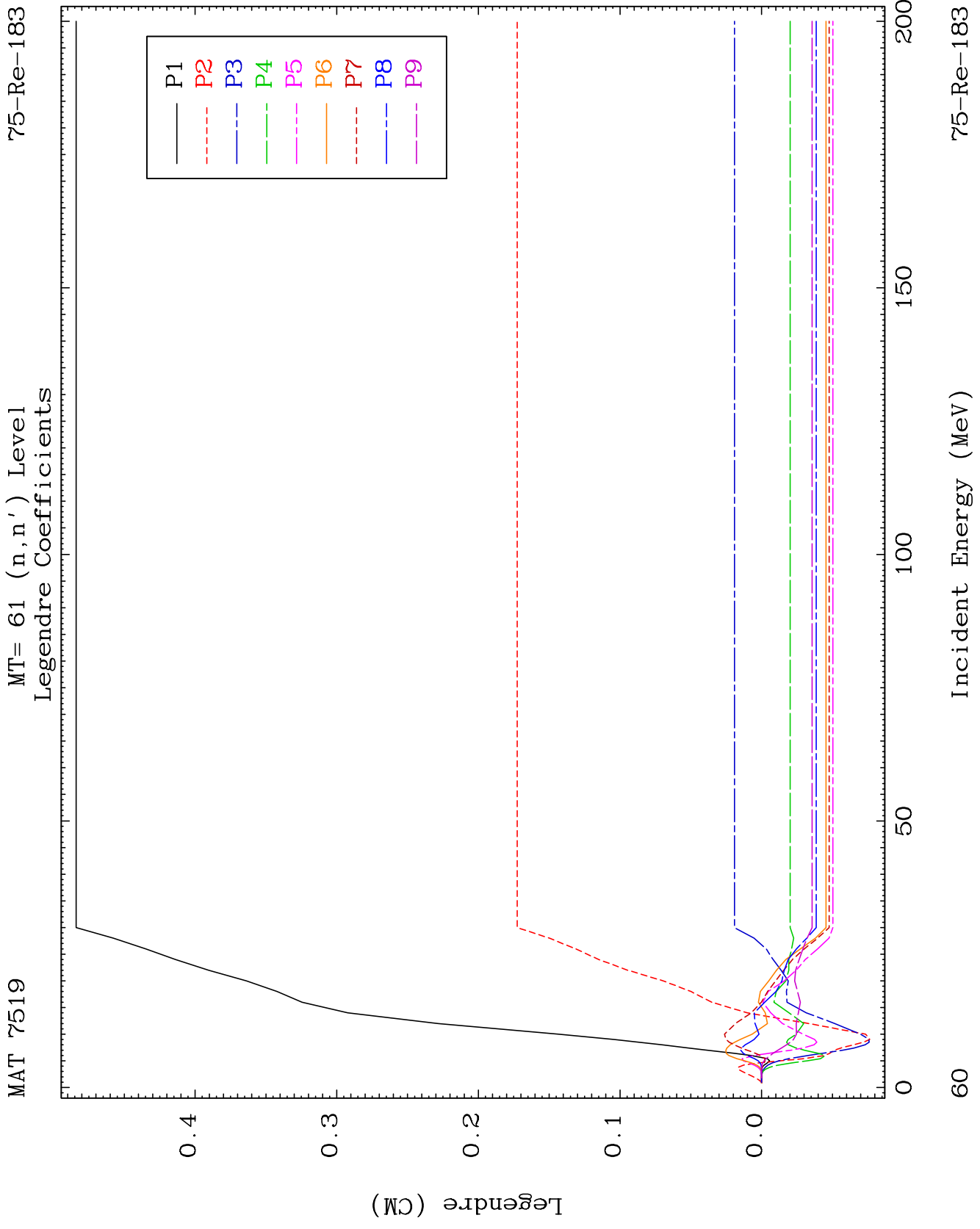
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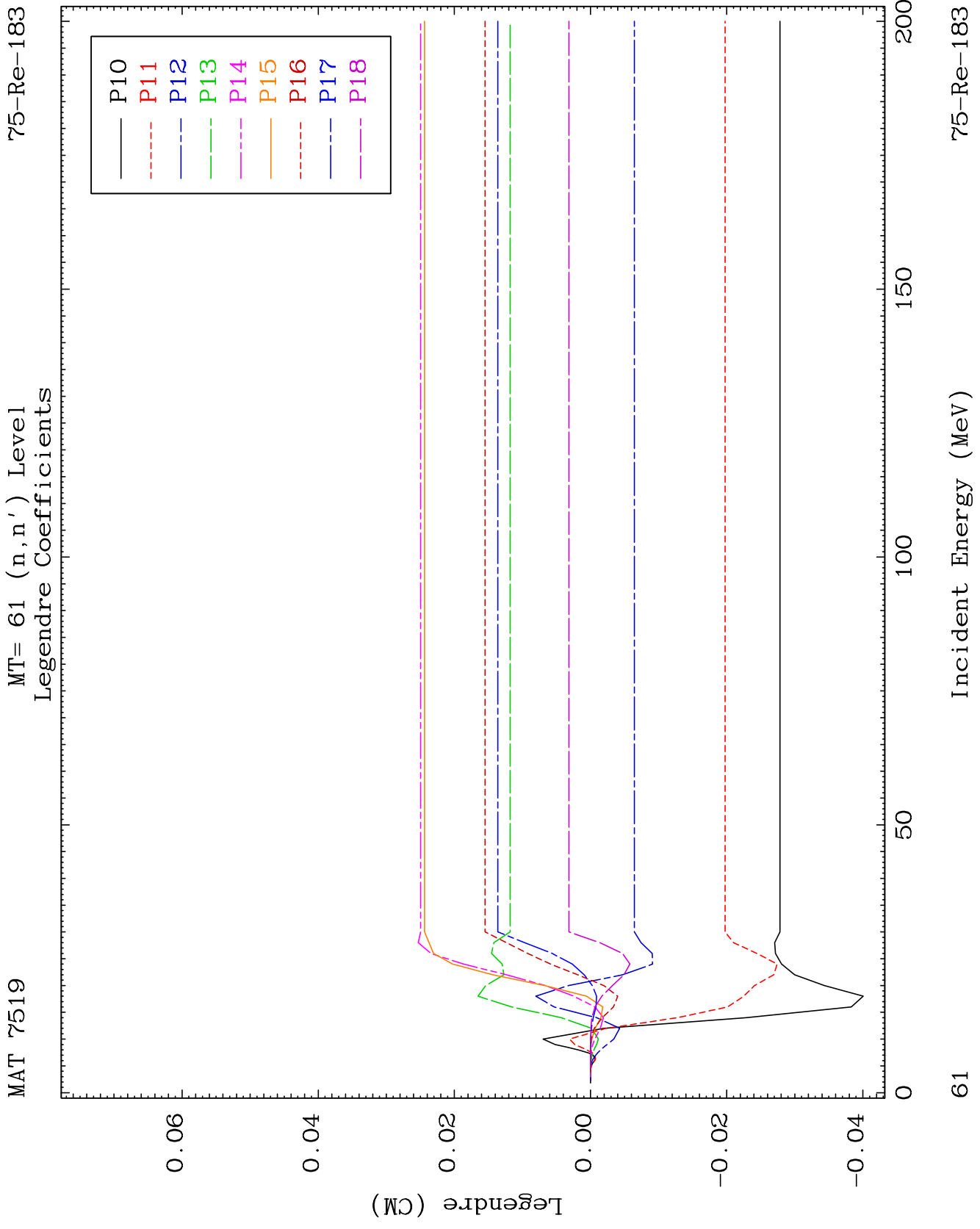


59

Incident Energy (MeV)

75-Re-183

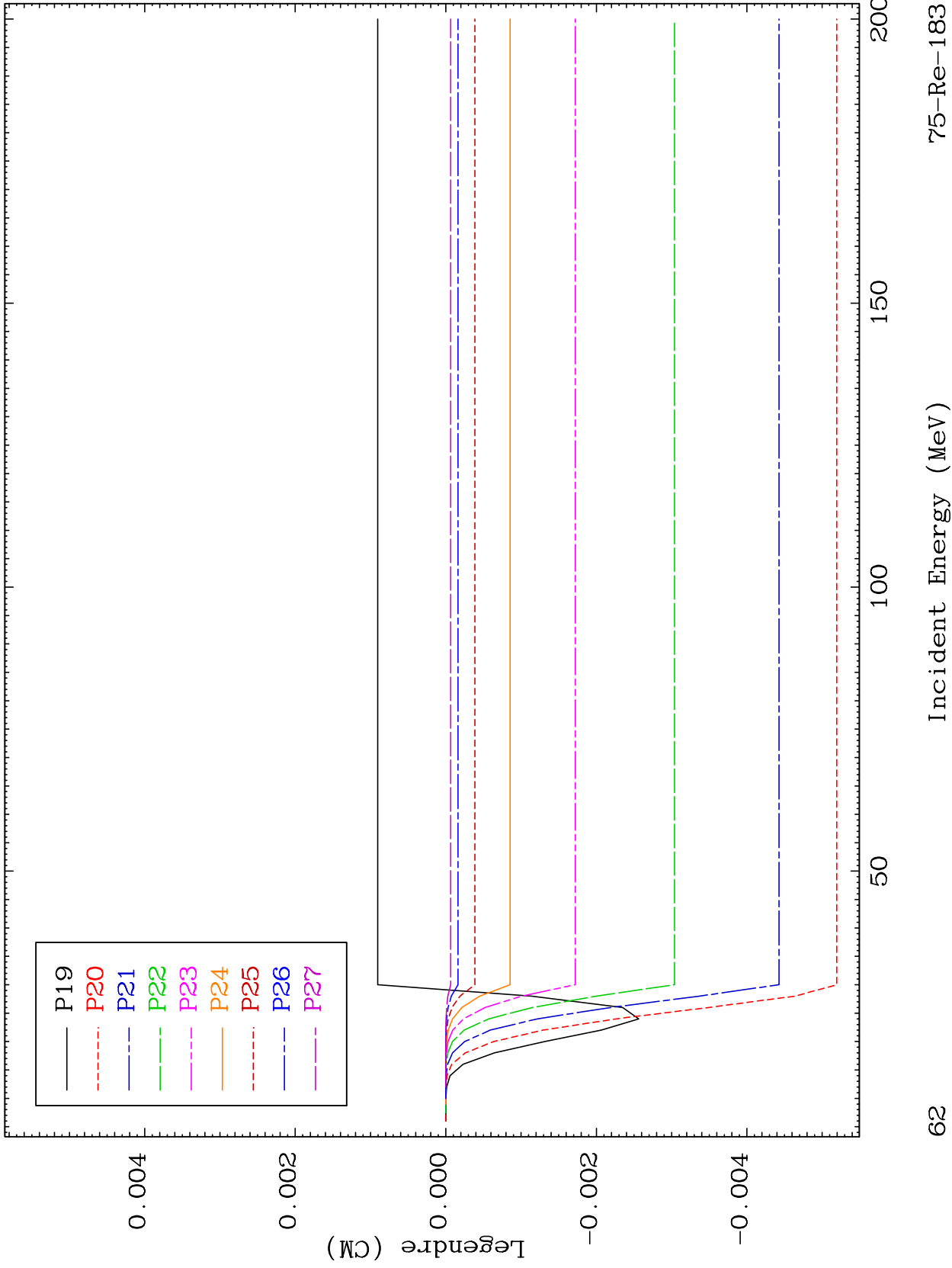




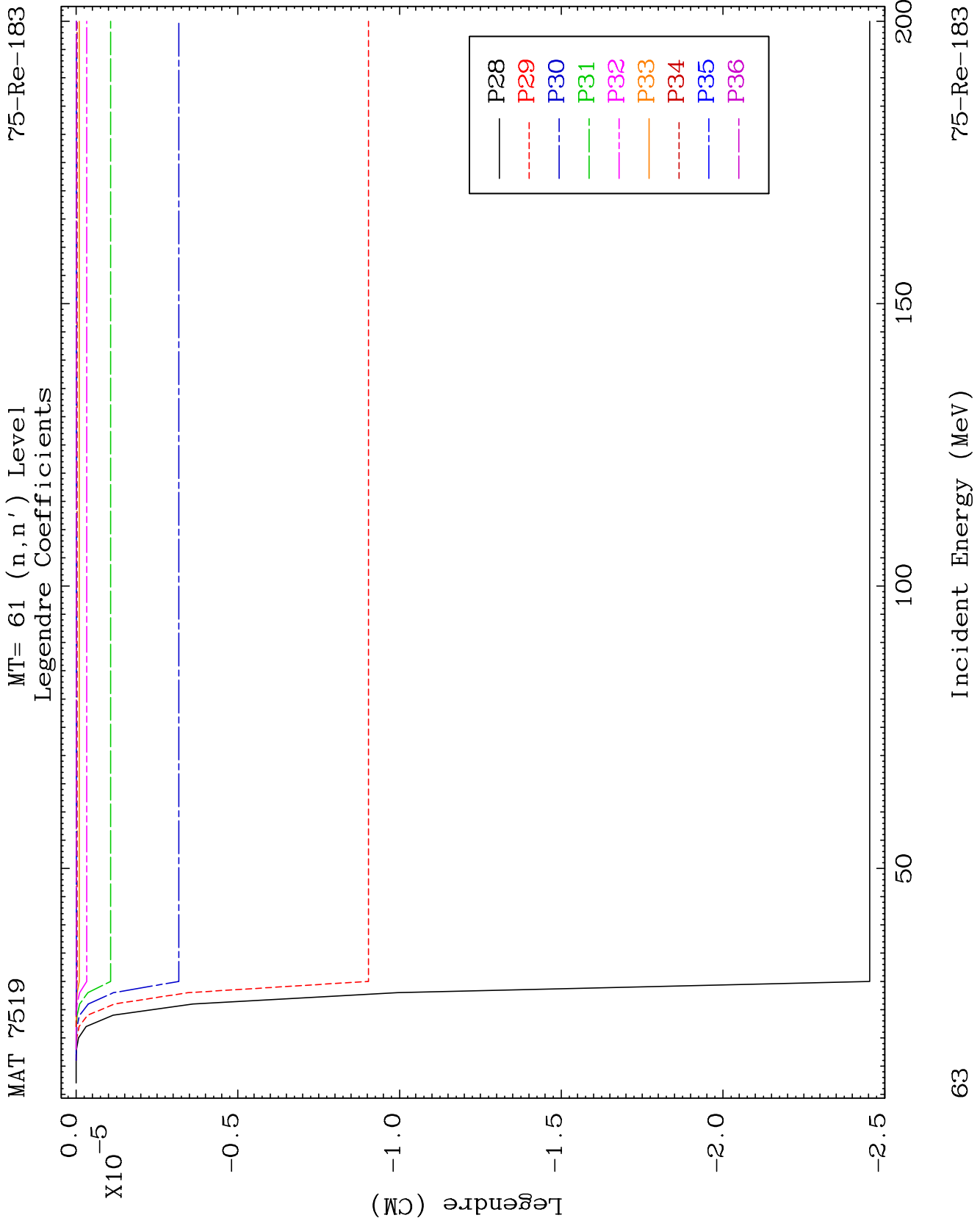
MAT 7519

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

75-Re-183



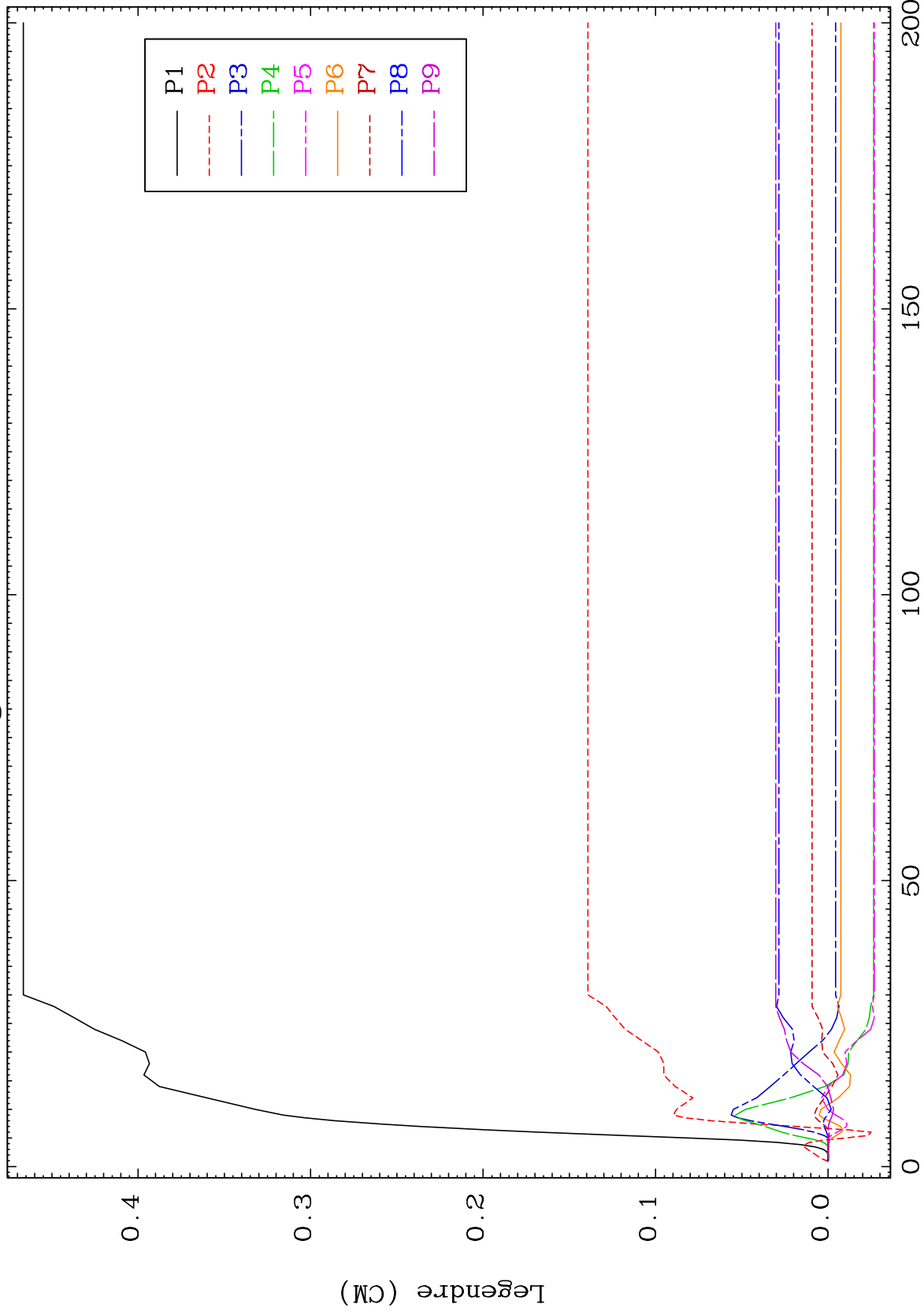
62



MAT 7519

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

75-Re-183



64

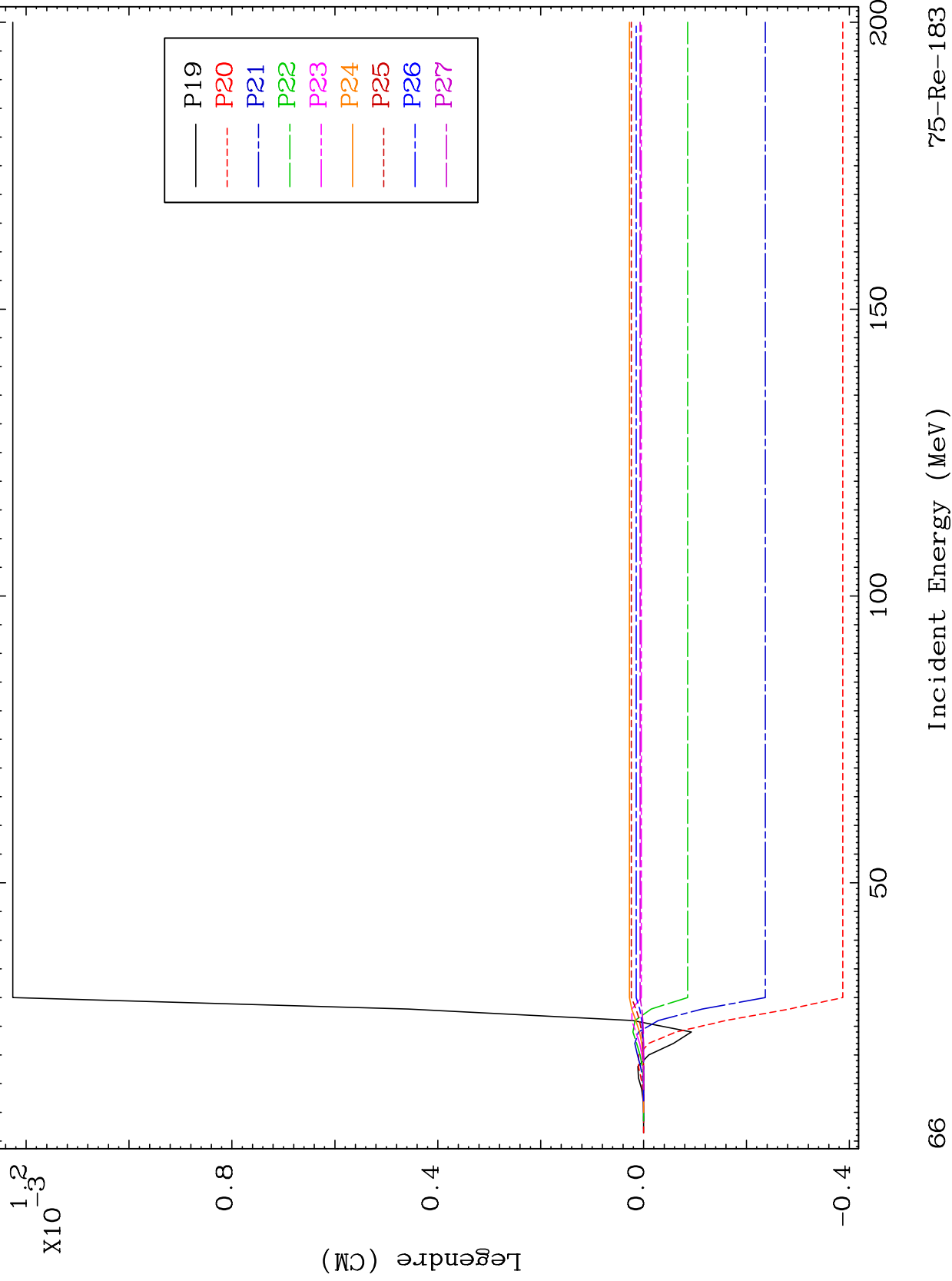
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



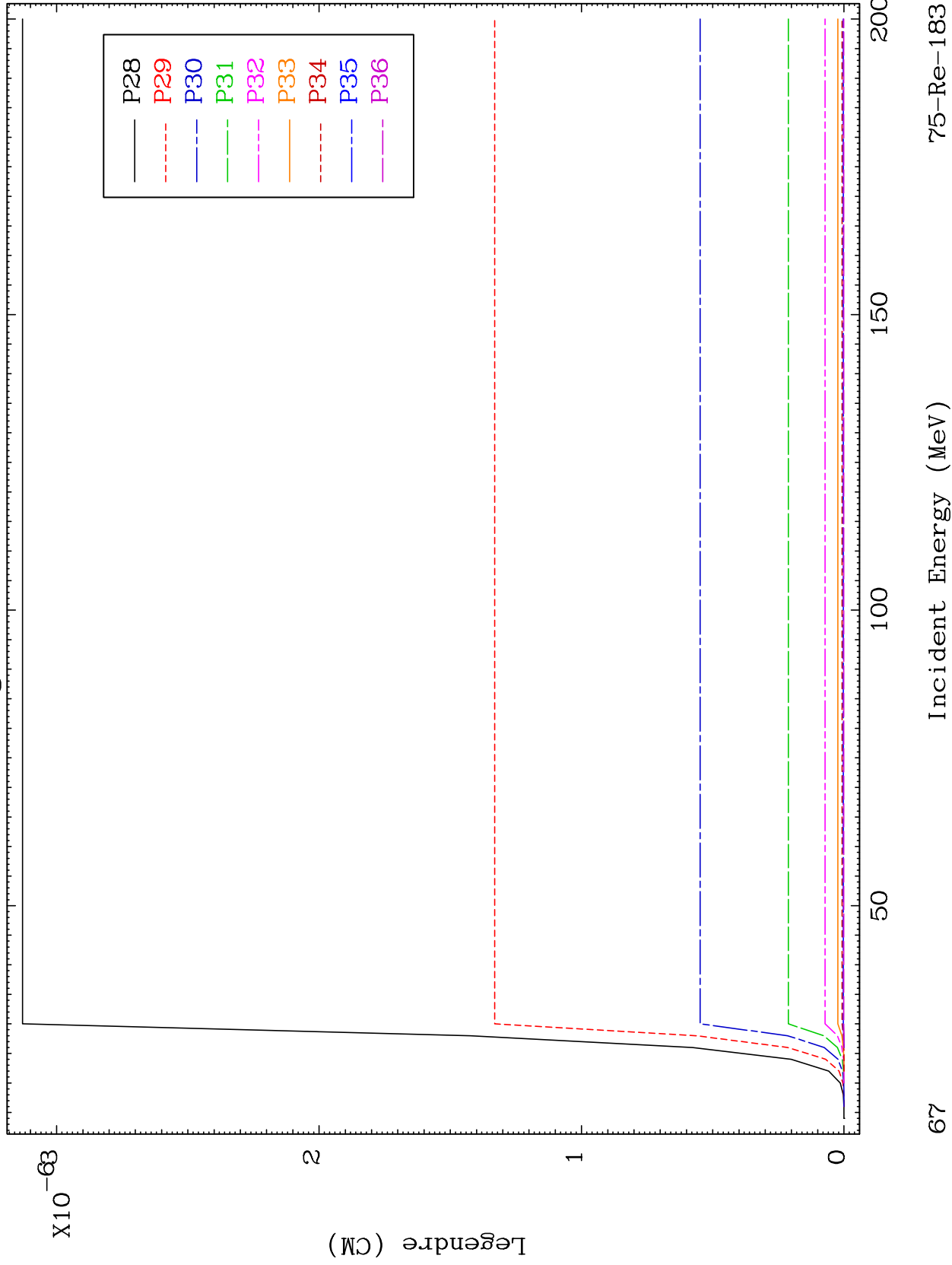
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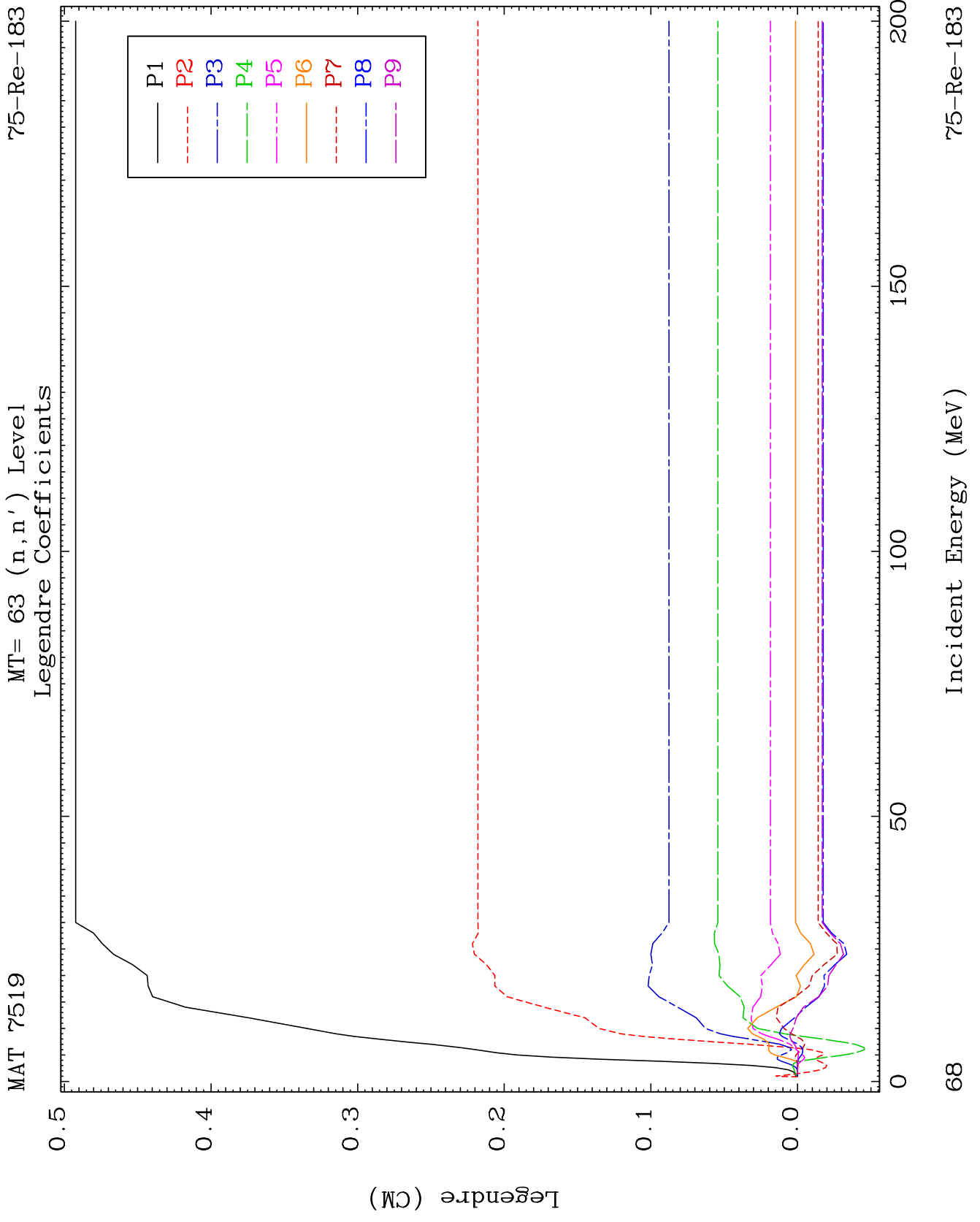
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MAT 7519

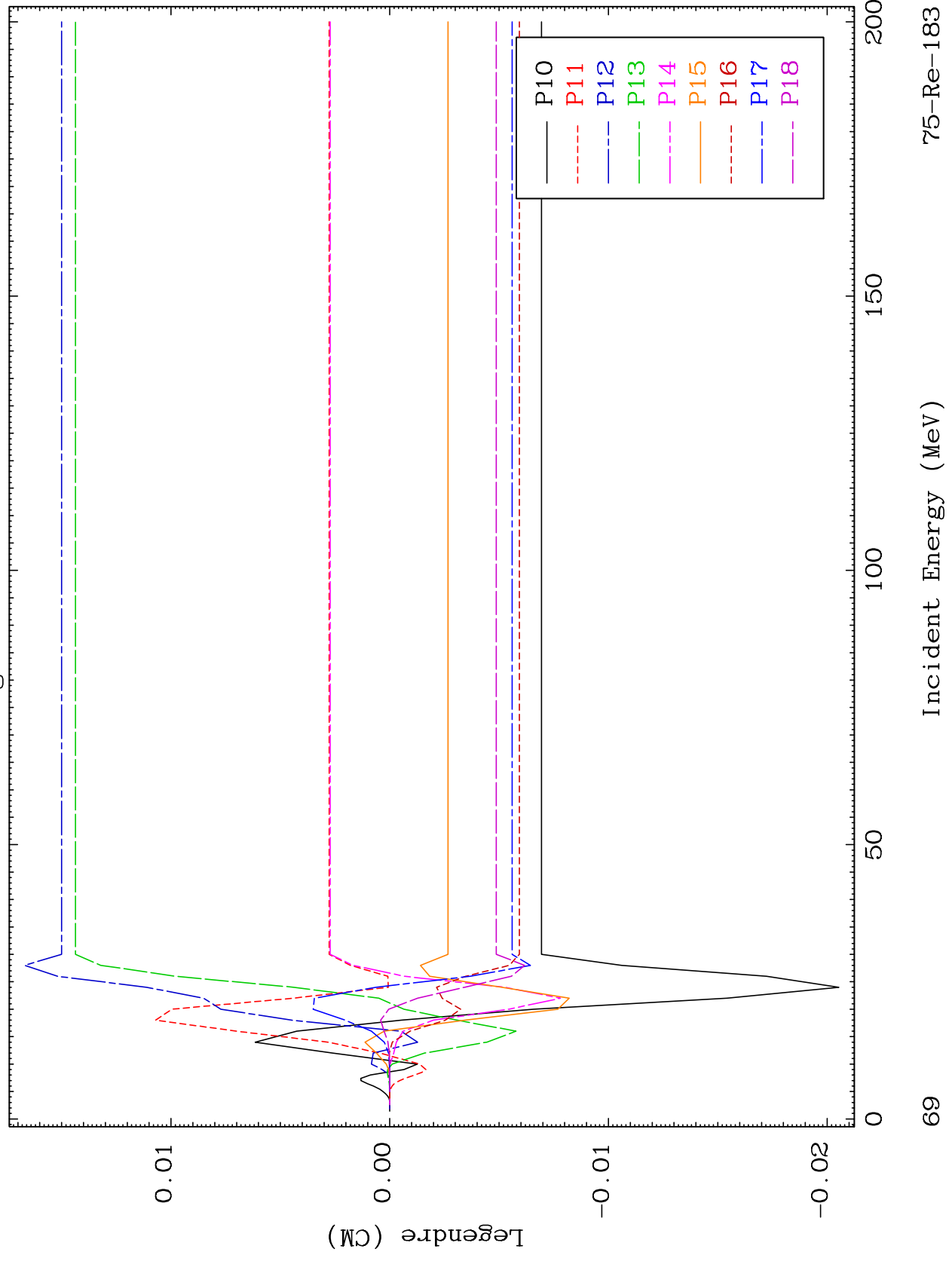
MT= 62 (n,n') Level
Legendre Coefficients

75-Re-183





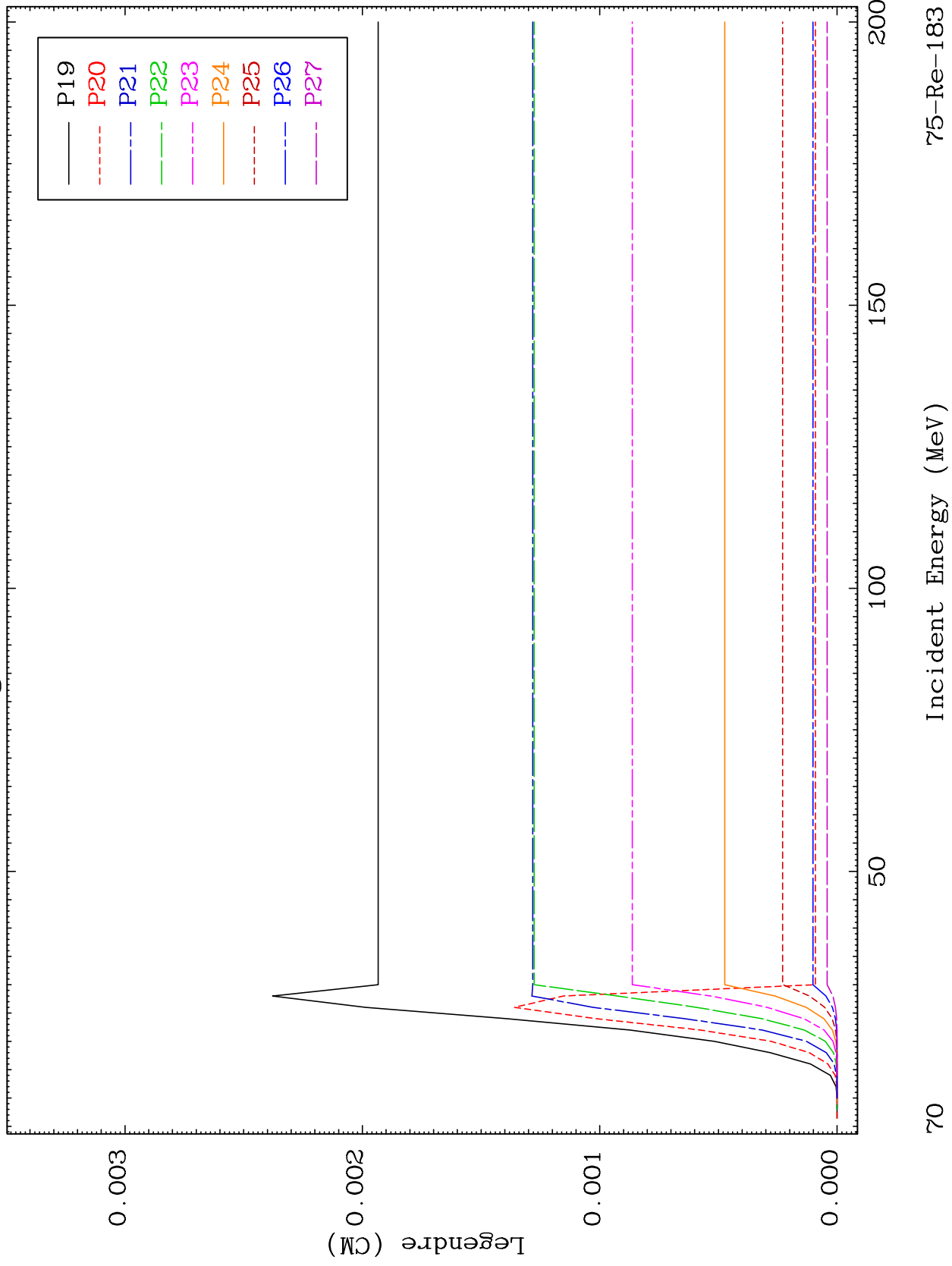
MAT 7519 MT= 63 (n,n') Level Legendre Coefficients 75-Re-183



MAT 7519

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

75-Re-183



70

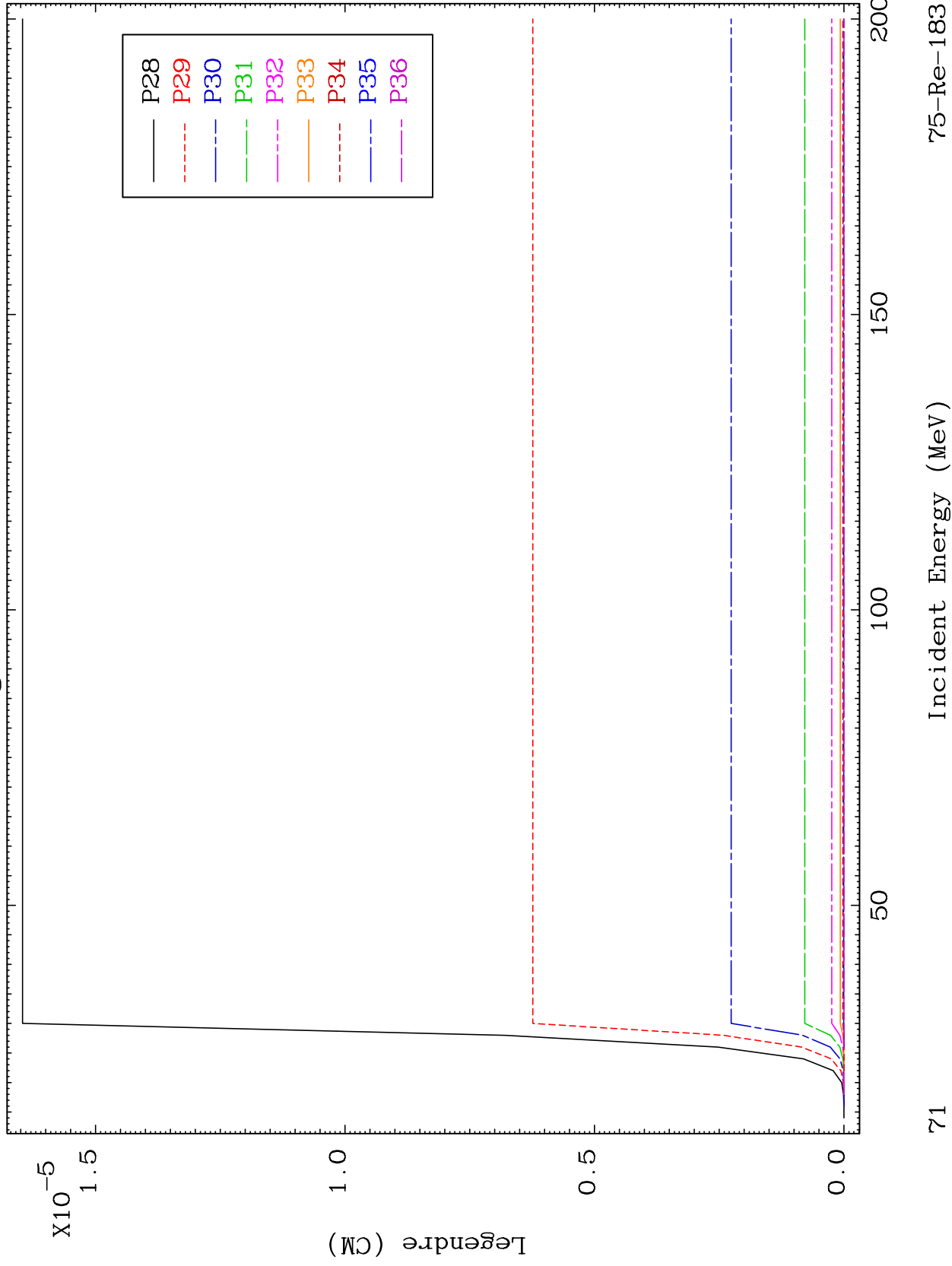
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



71

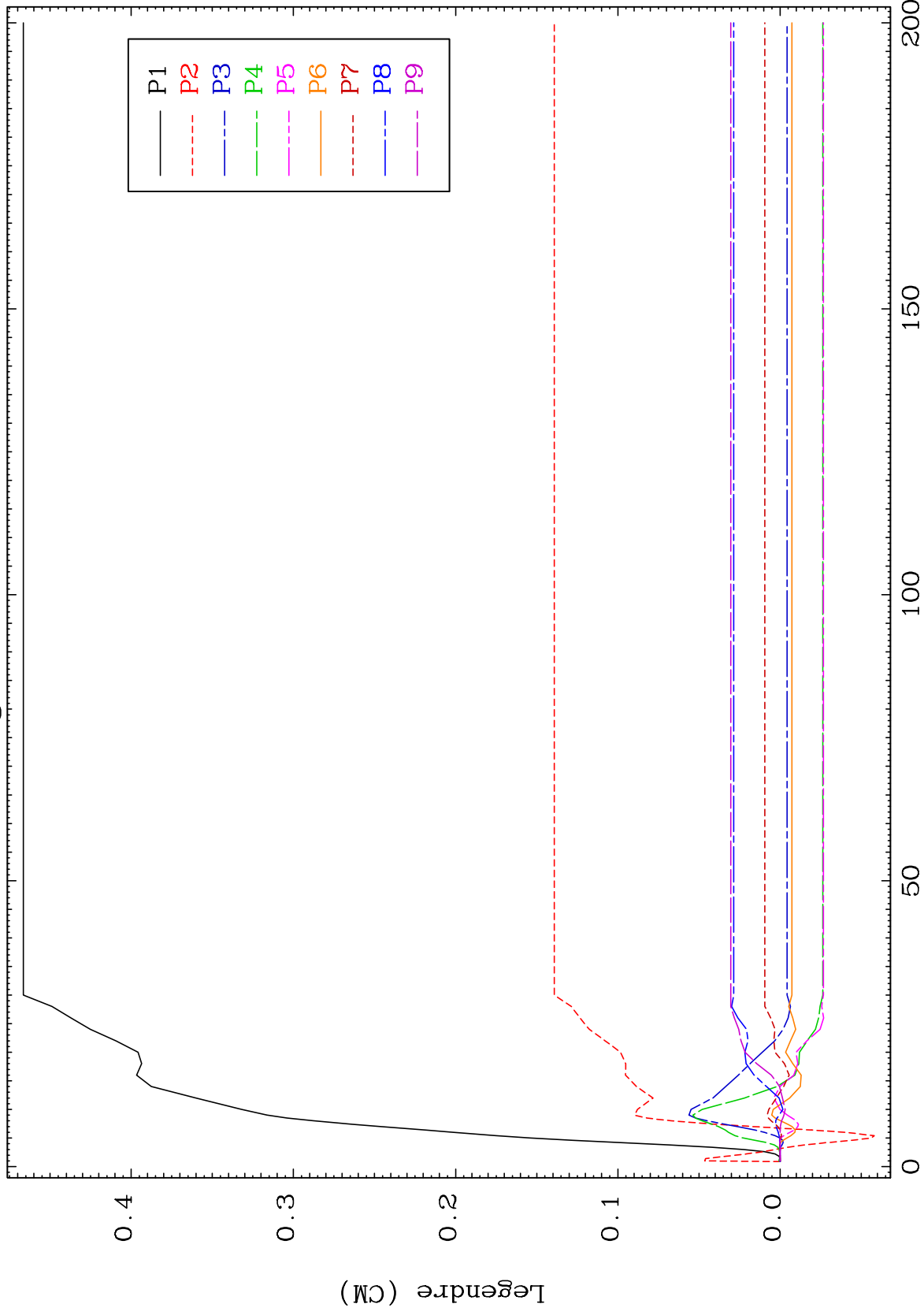
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



72

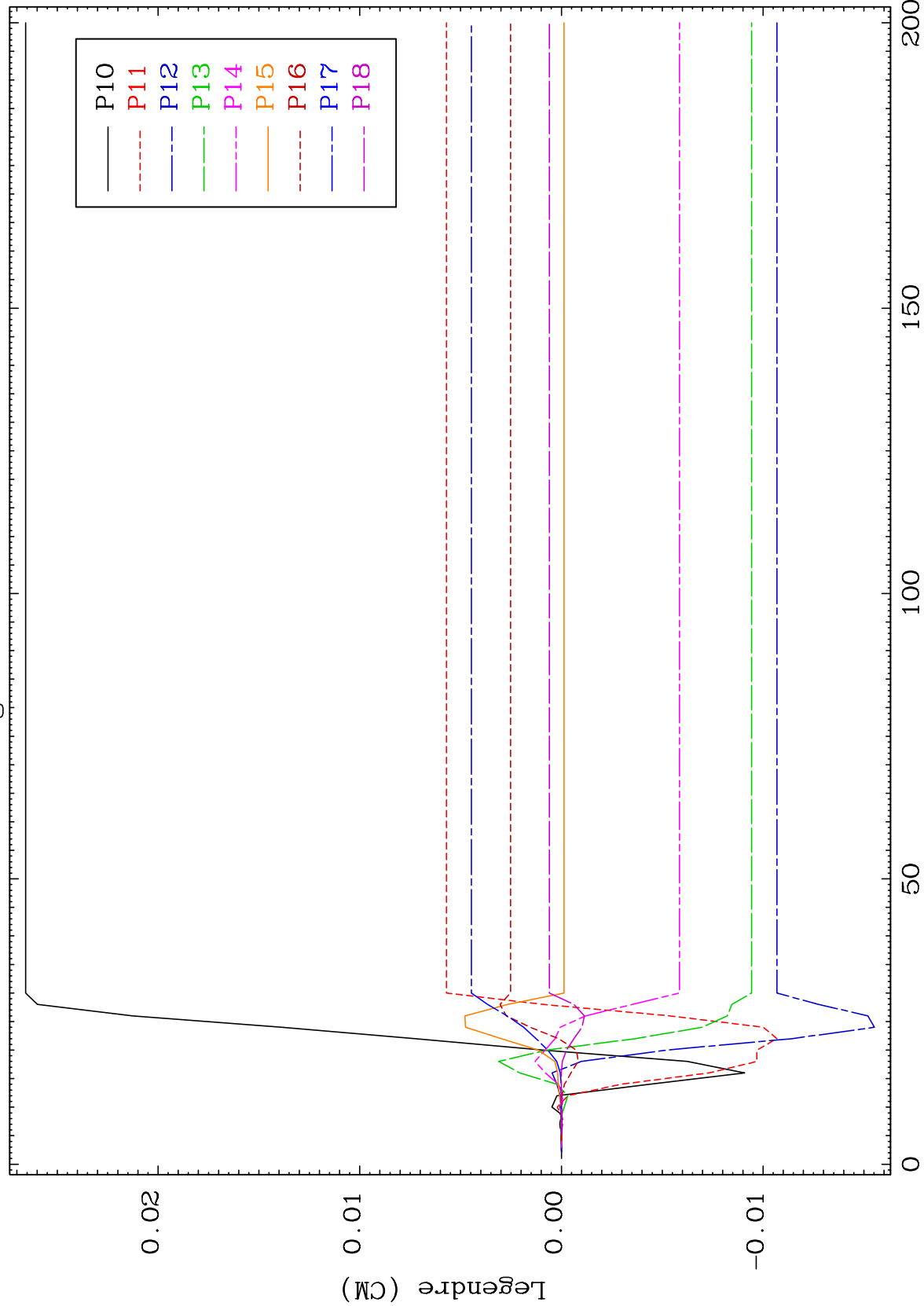
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



73

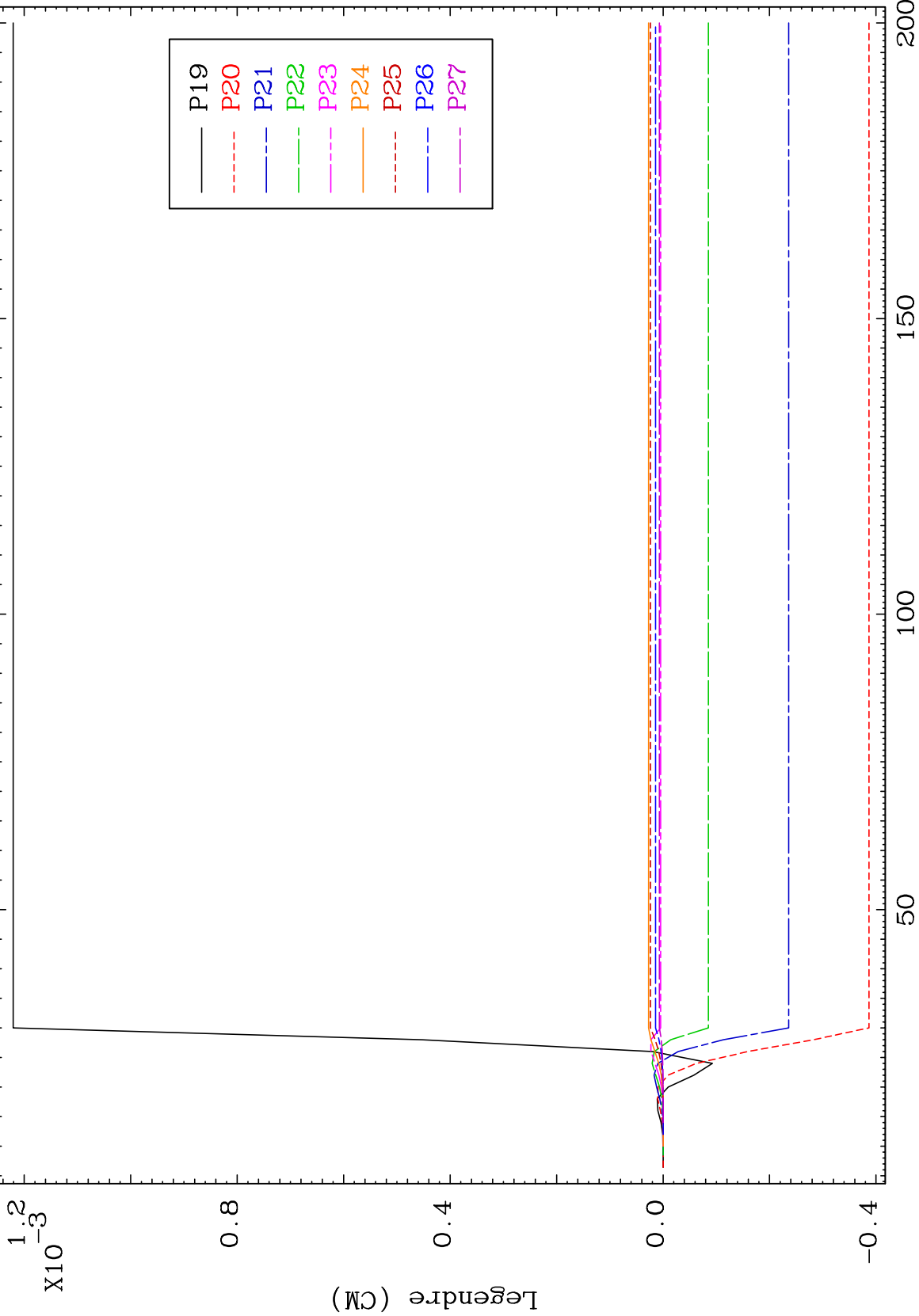
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



74

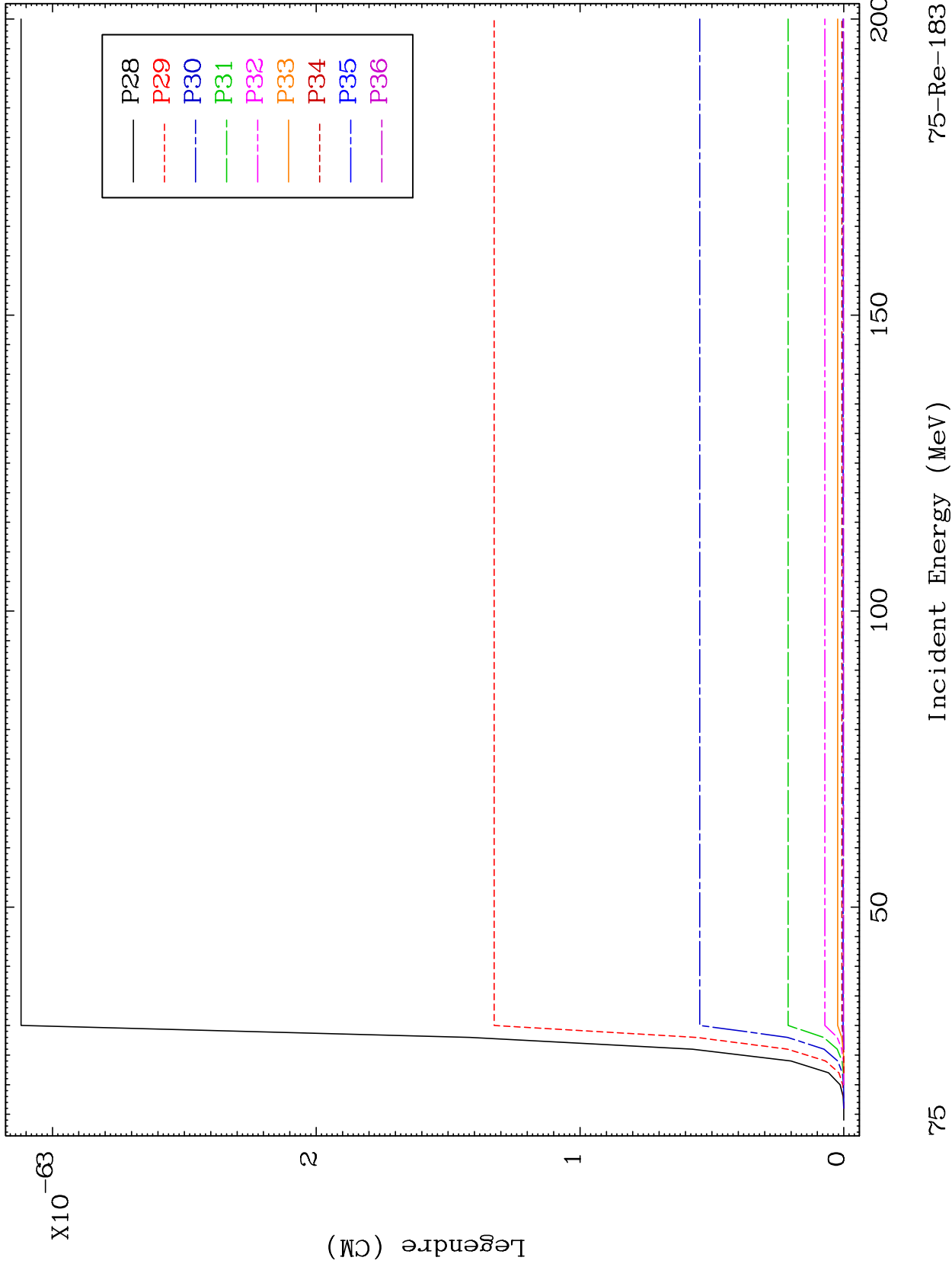
Incident Energy (MeV)

75-Re-183

MAT 7519

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

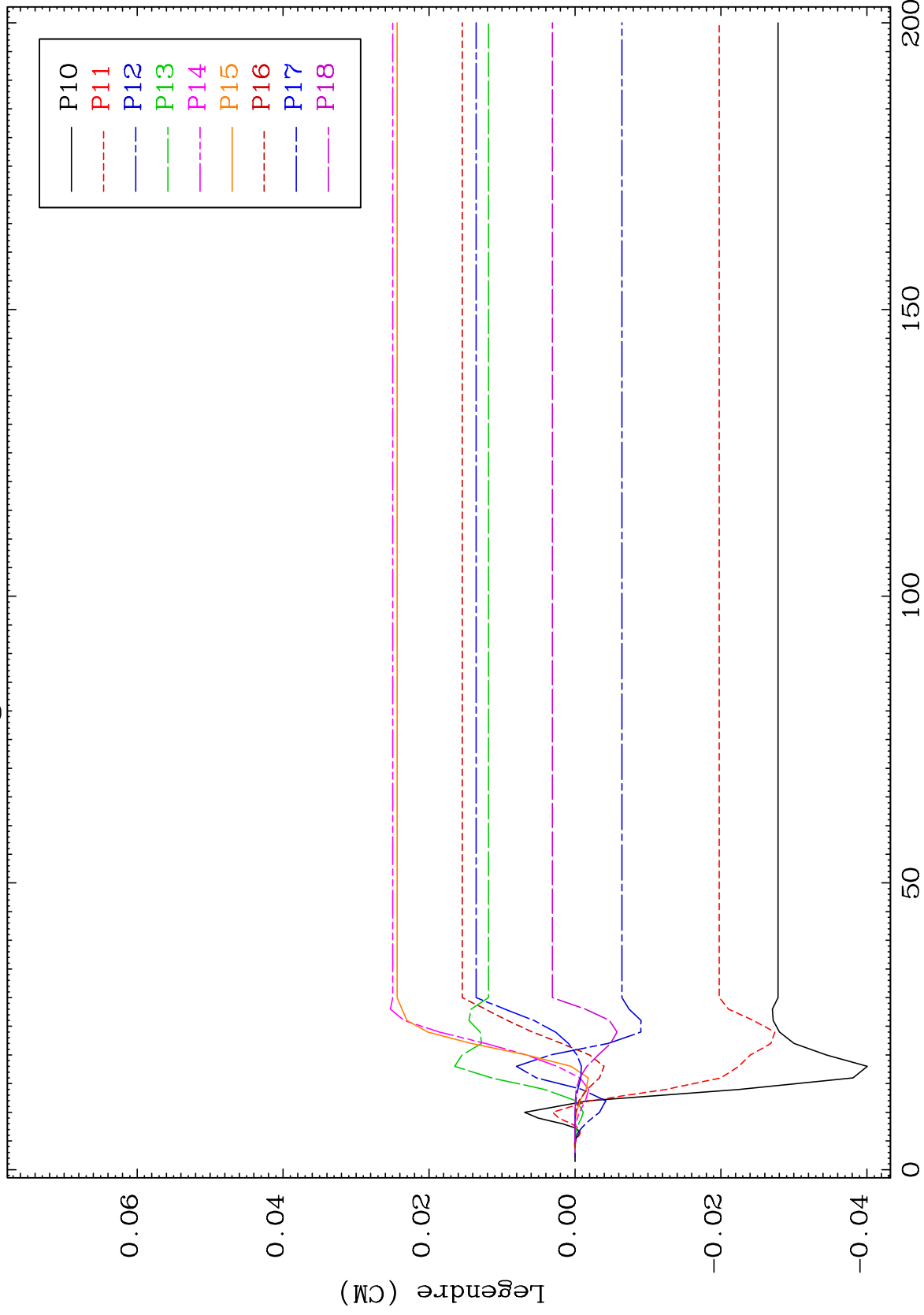
75-Re-183



MAT 7519

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

75-Re-183



77

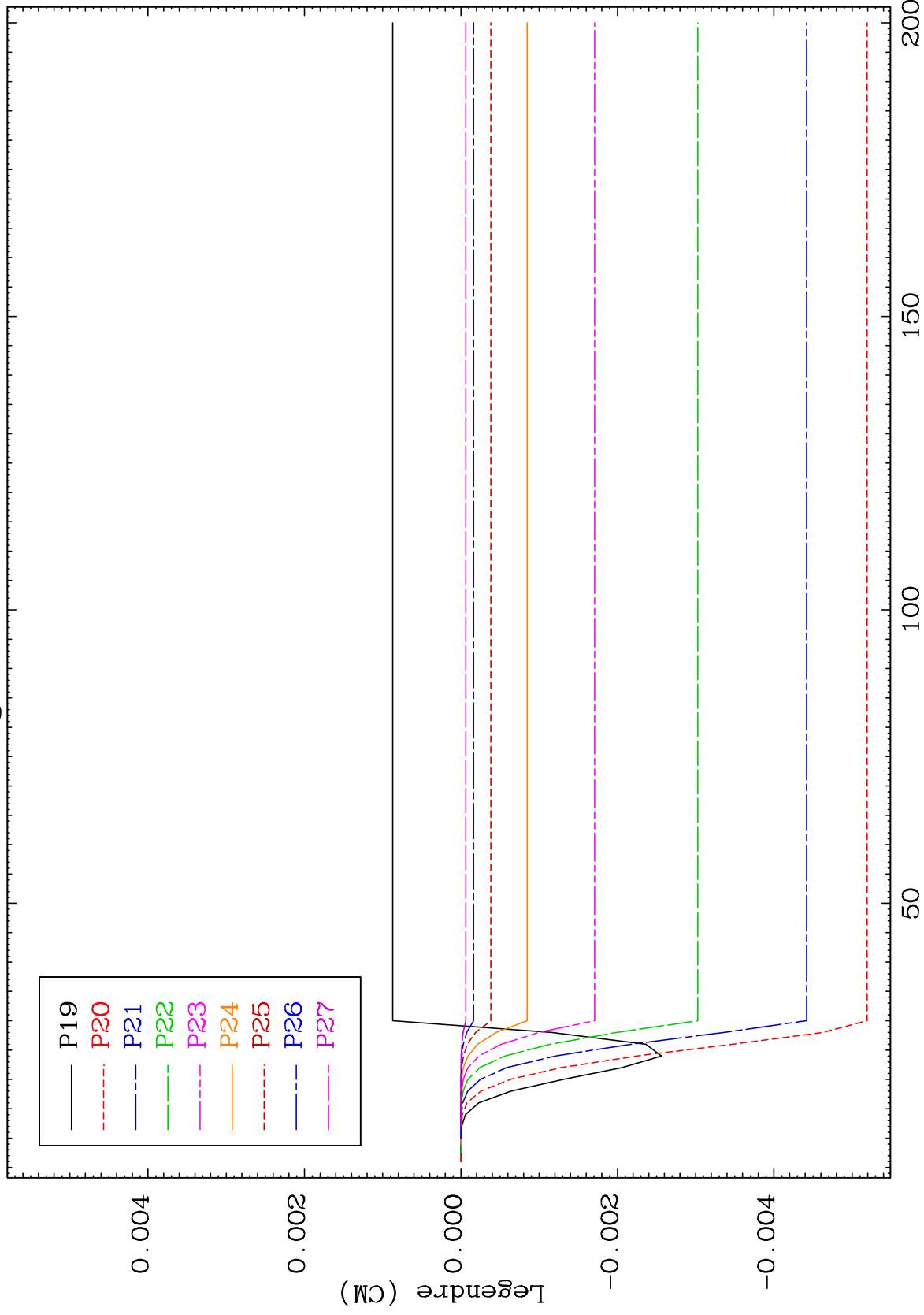
Incident Energy (MeV)

75-Re-183

MAT 7519

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

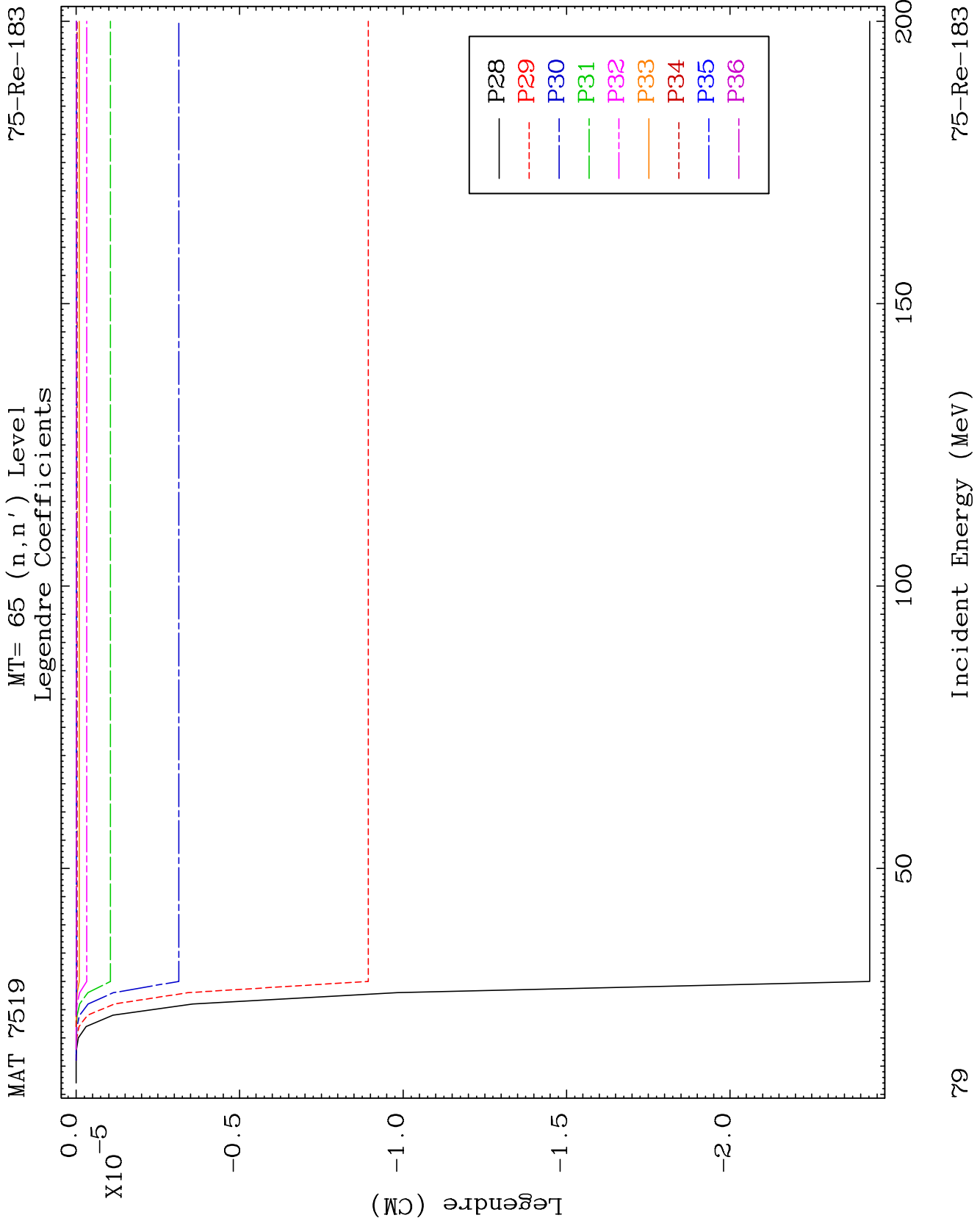
75-Re-183



78

Incident Energy (MeV)

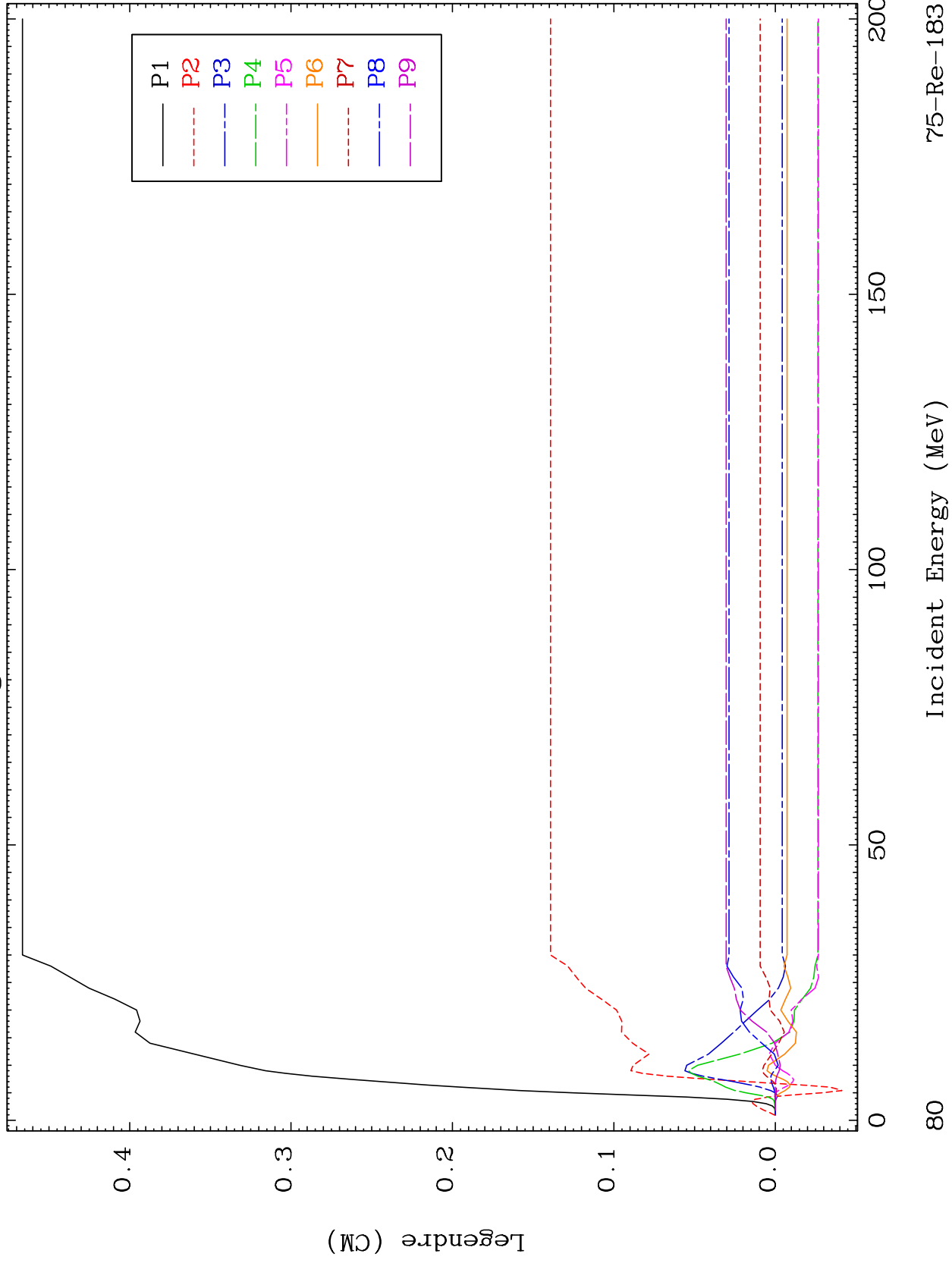
75-Re-183



MAT 7519

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

75-Re-183

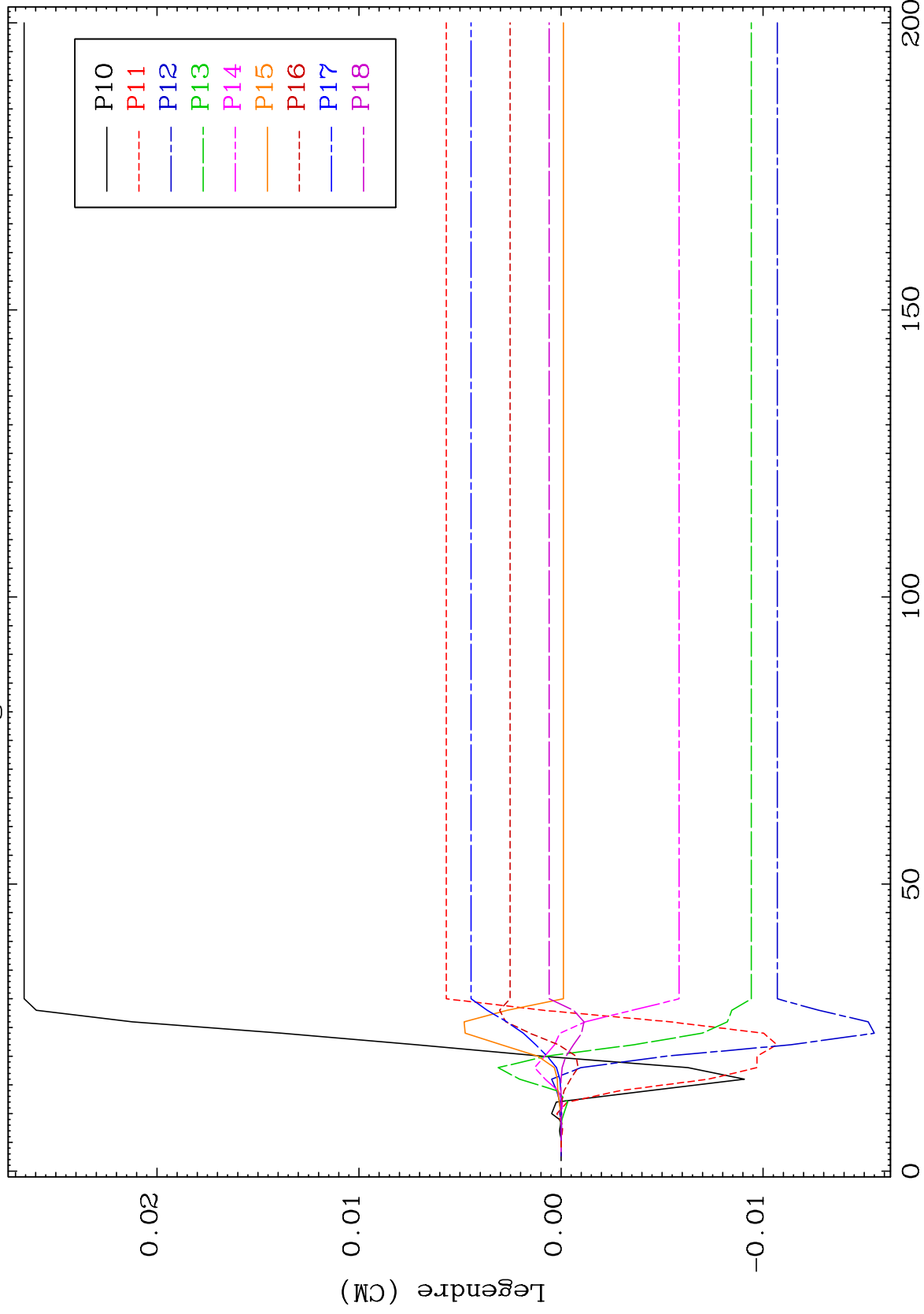


75-Re-183

MAT 7519

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

75-Re-183



81

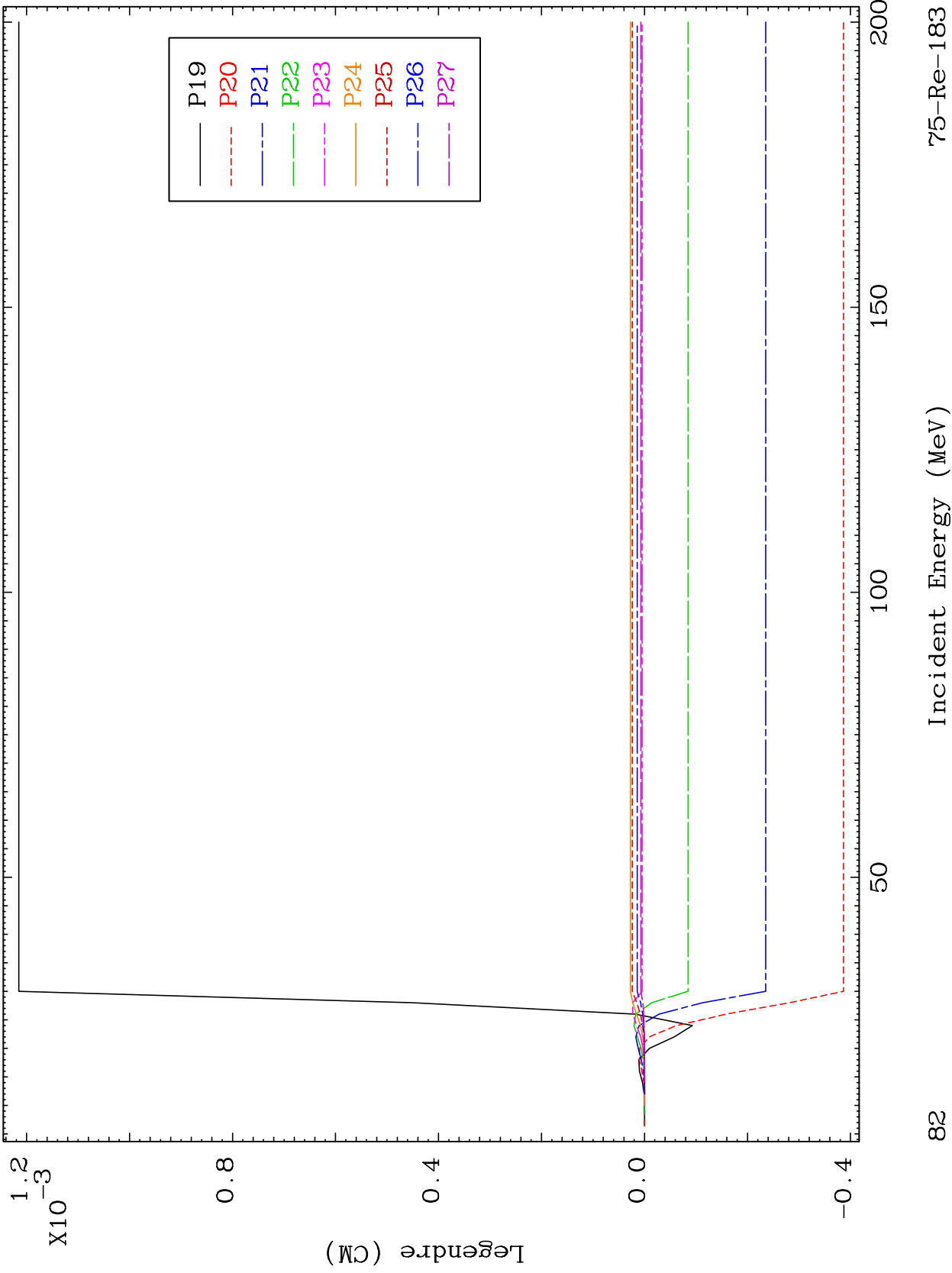
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



82

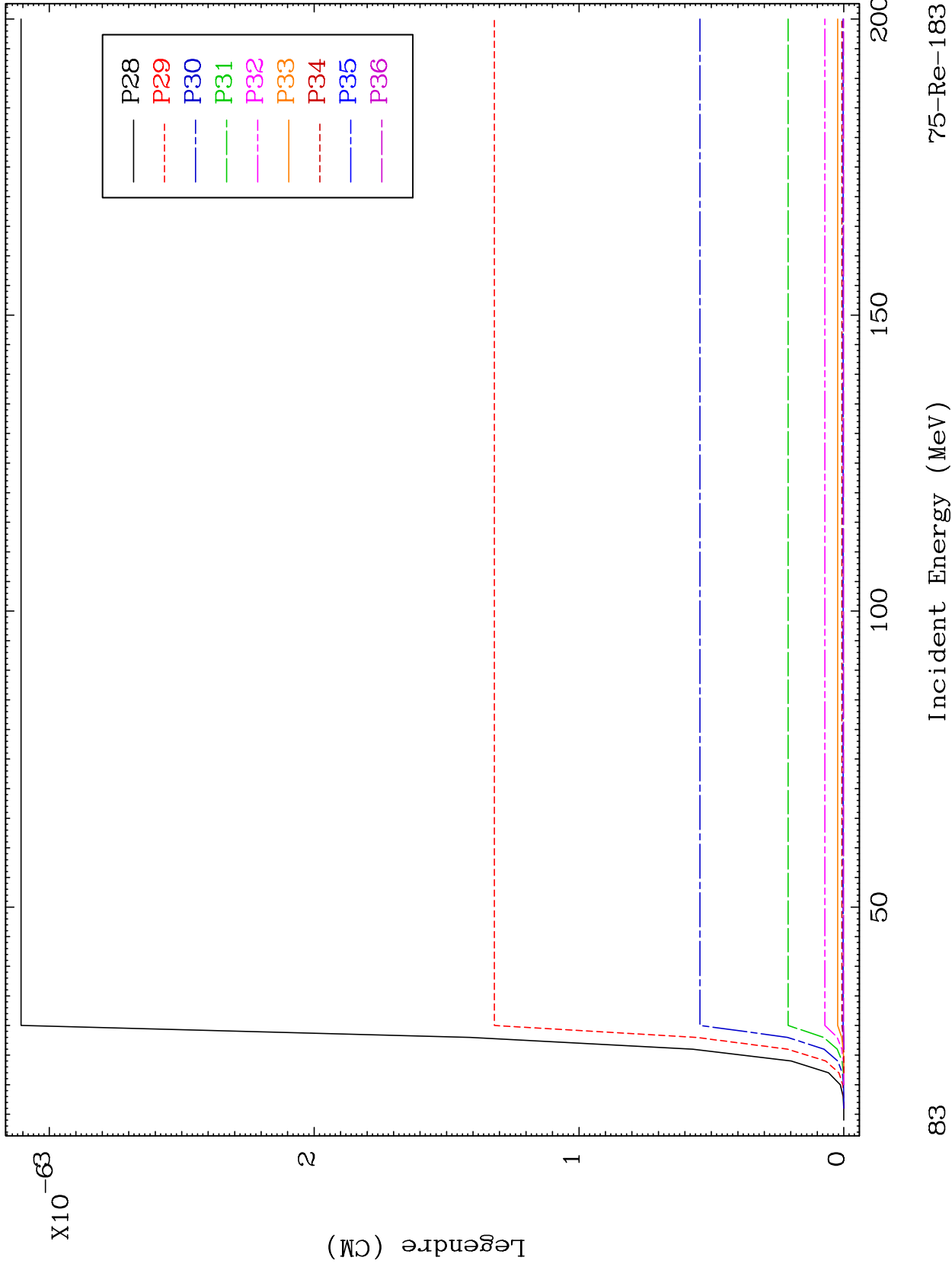
Incident Energy (MeV)

75-Re-183

MAT 7519

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

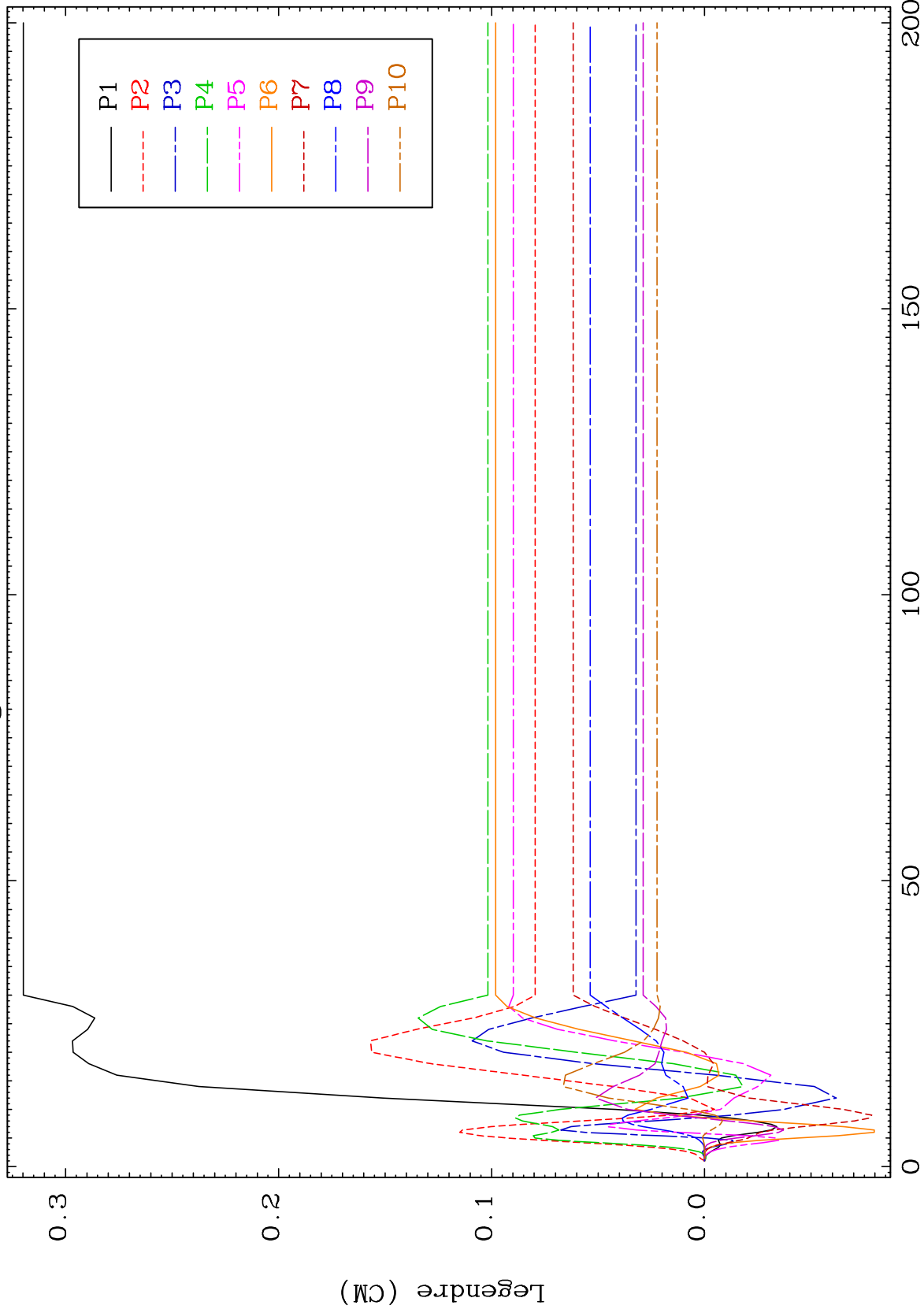
75-Re-183



MAT 7519

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

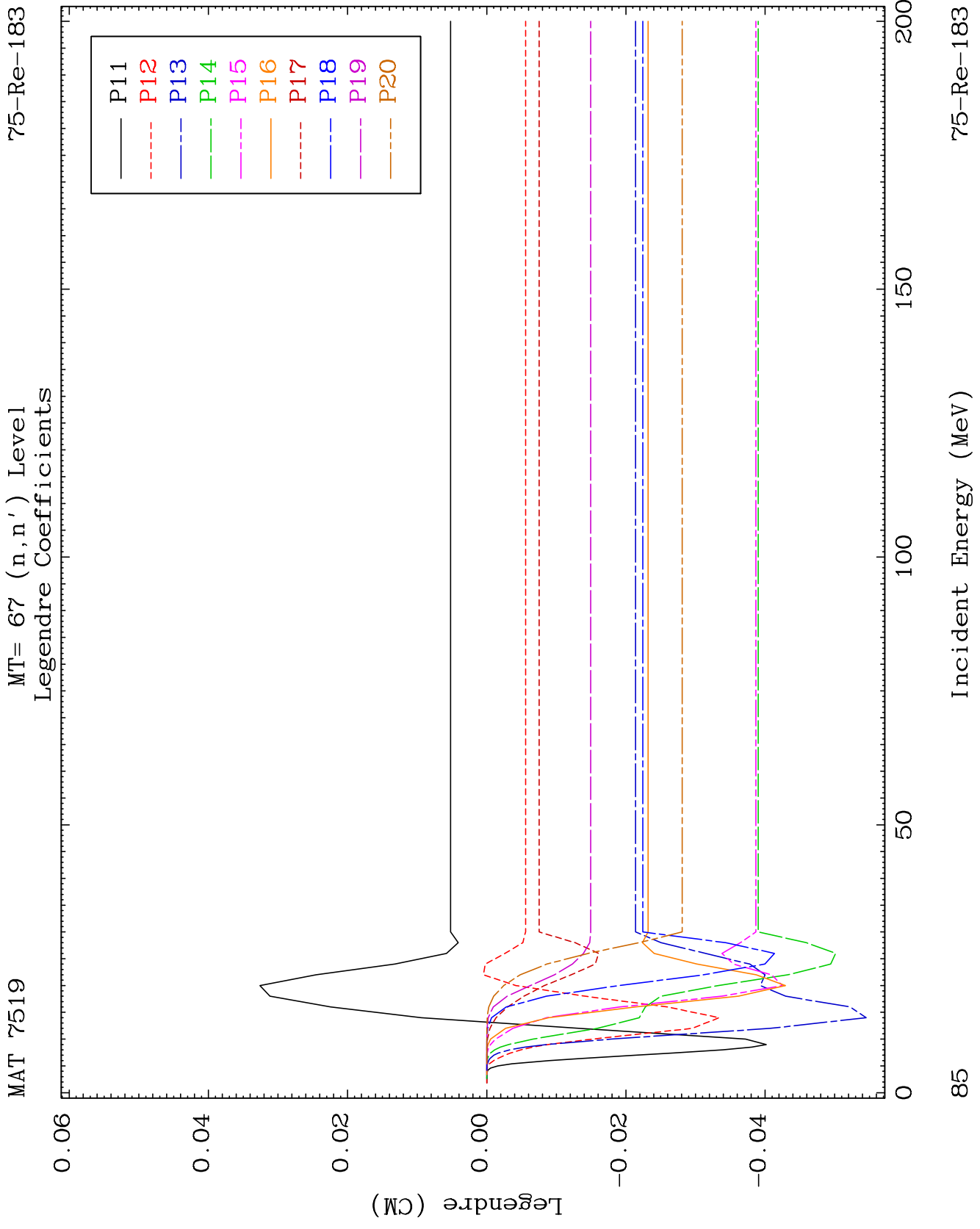
75-Re-183

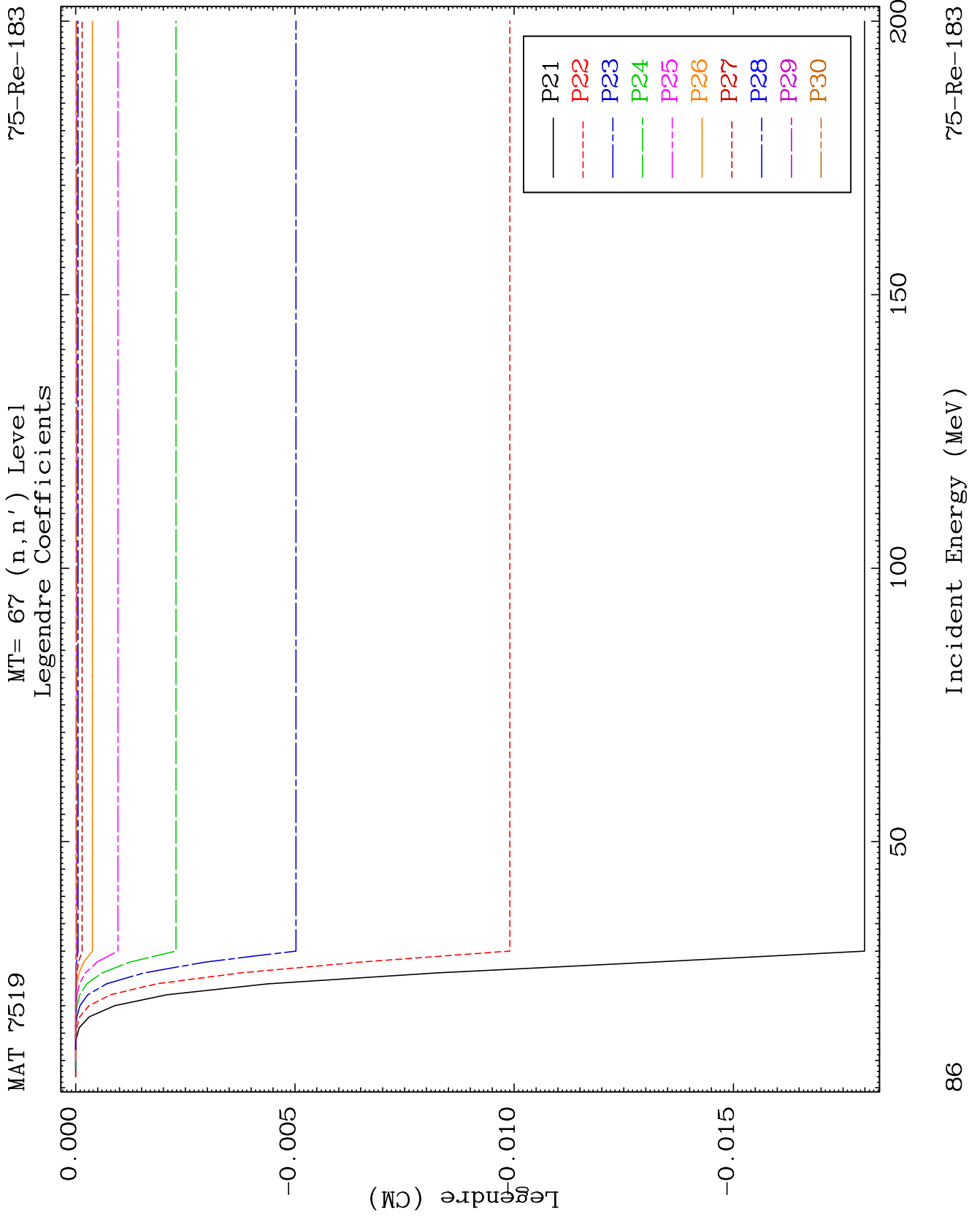


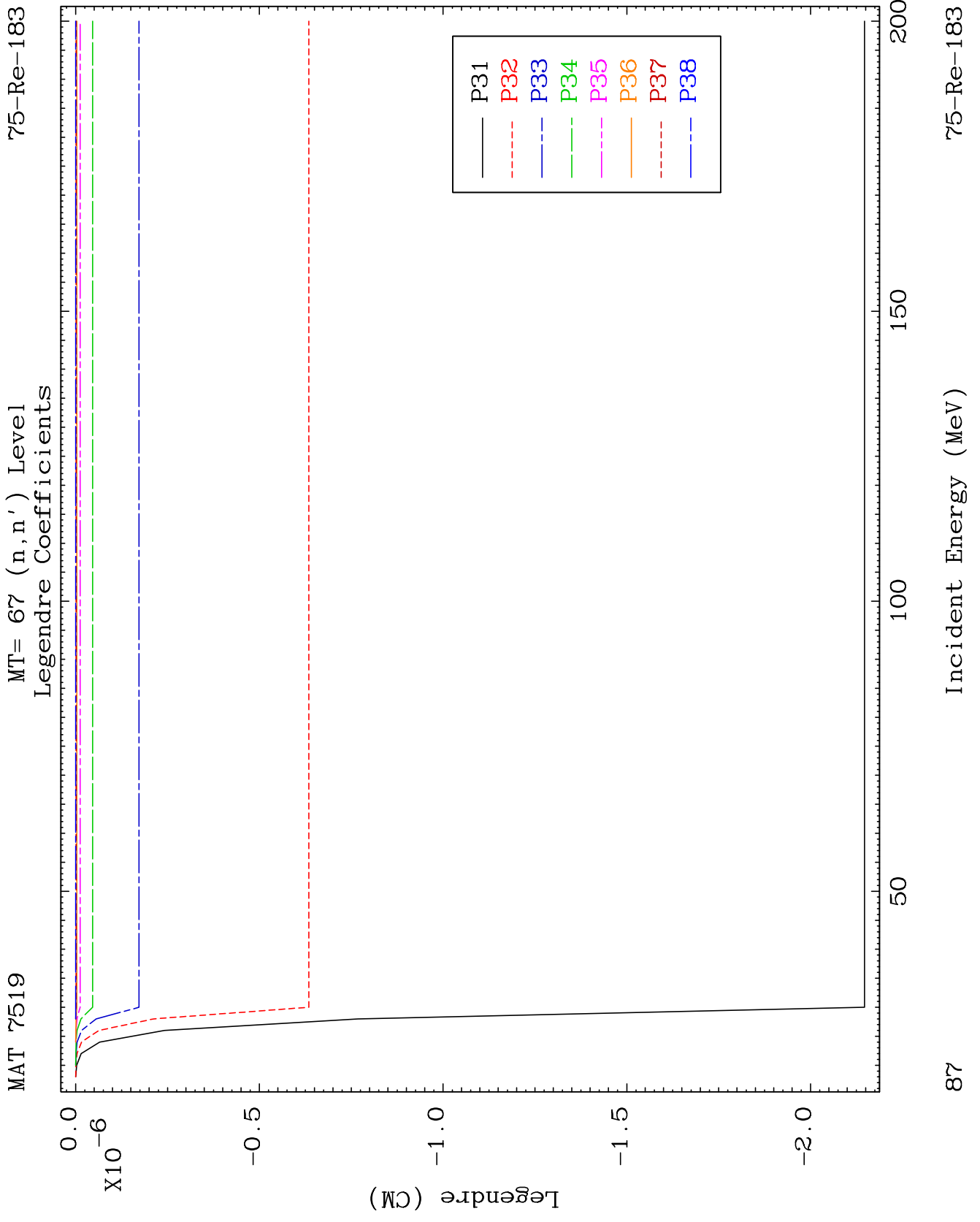
84

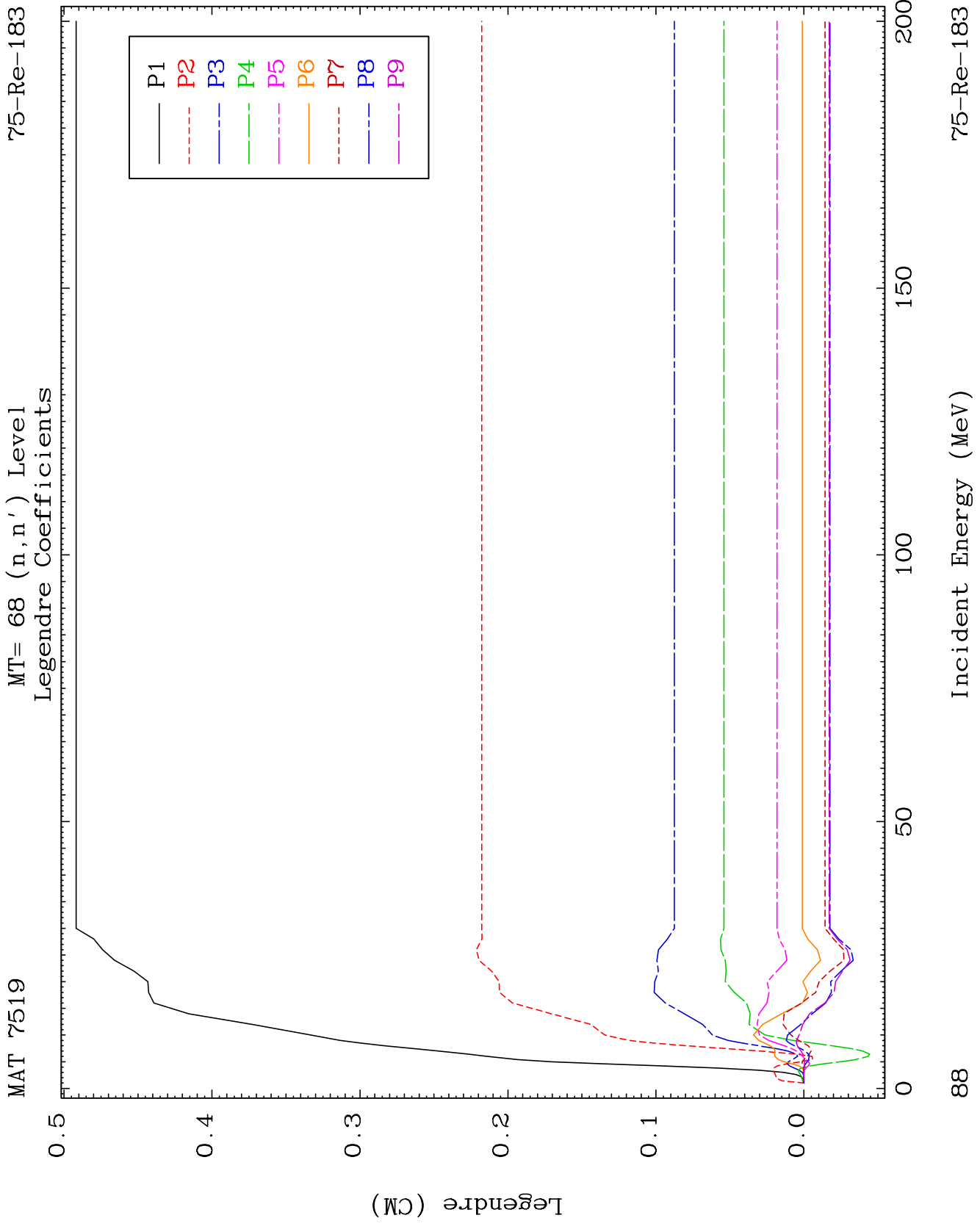
Incident Energy (MeV)

75-Re-183





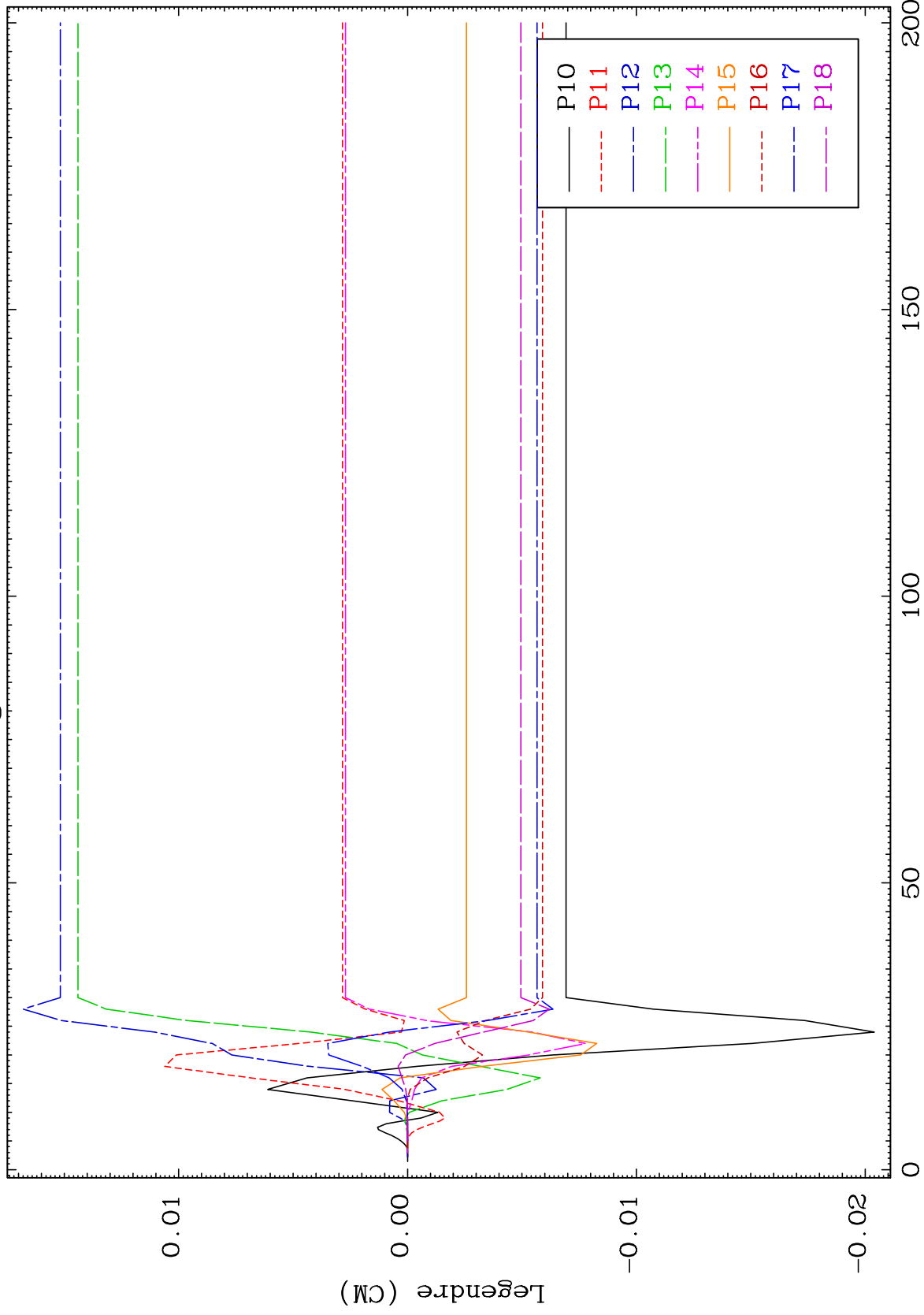




MAT 7519

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

75-Re-183



89

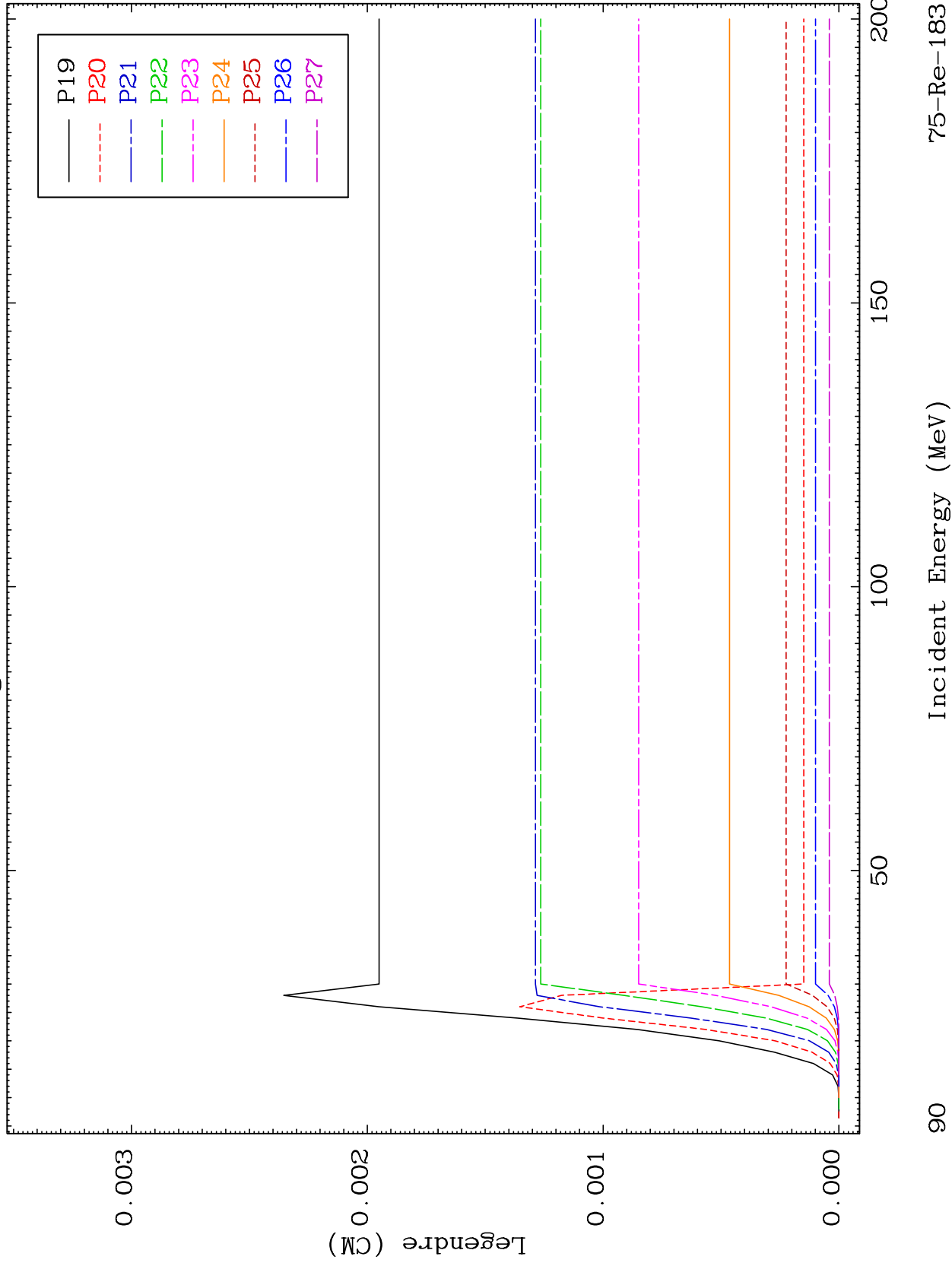
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



90

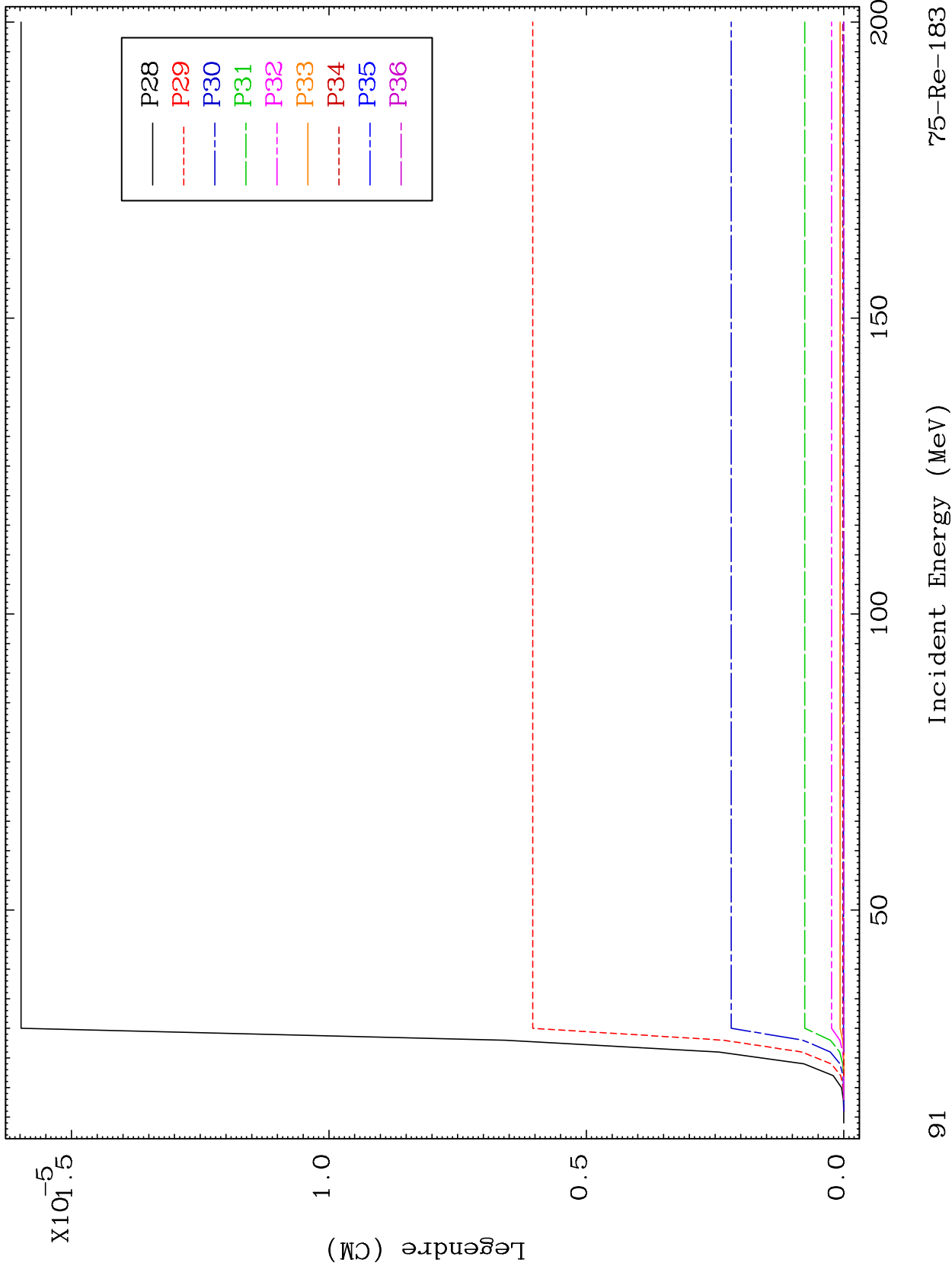
Incident Energy (MeV)

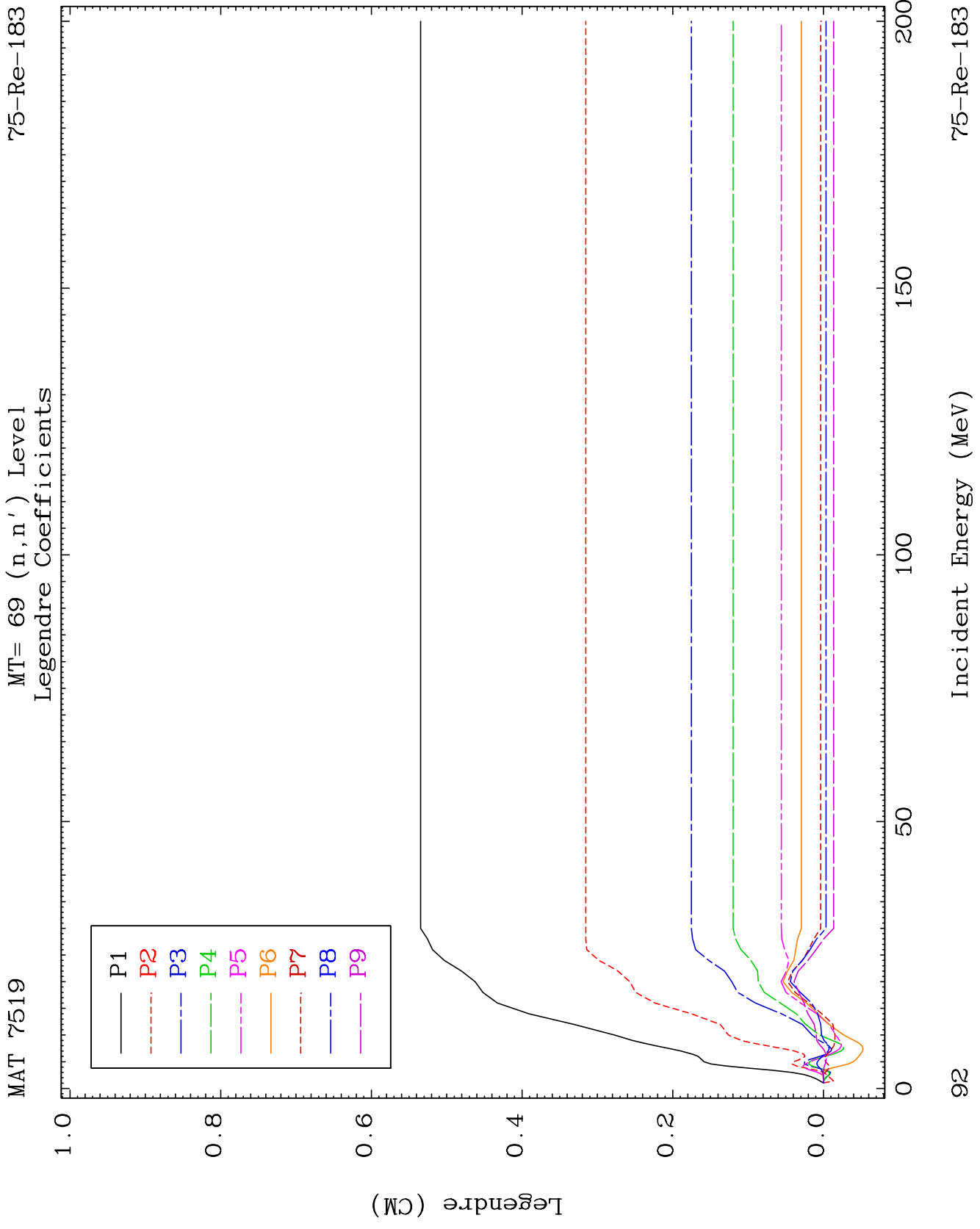
75-Re-183

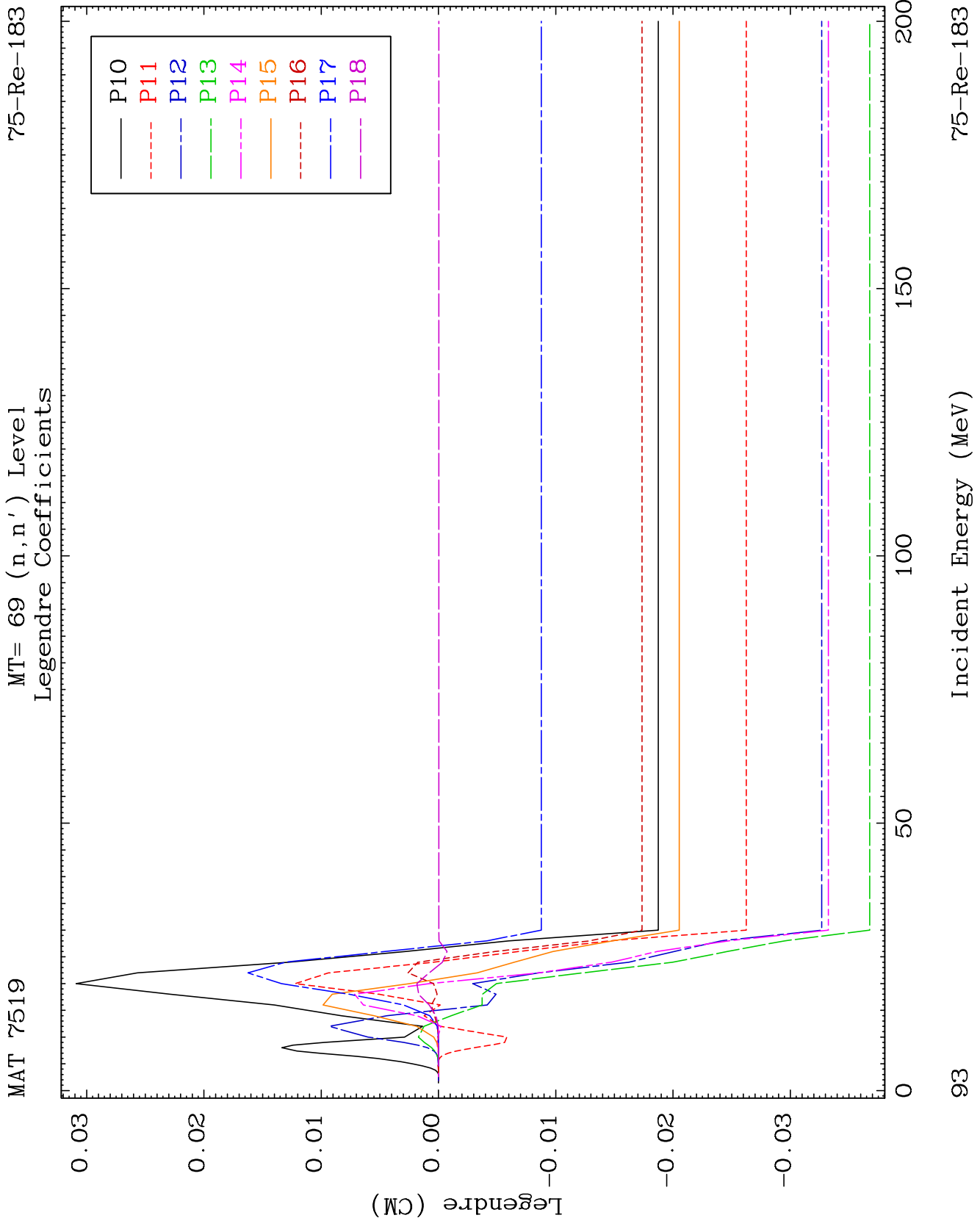
MAT 7519

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

75-Re-183



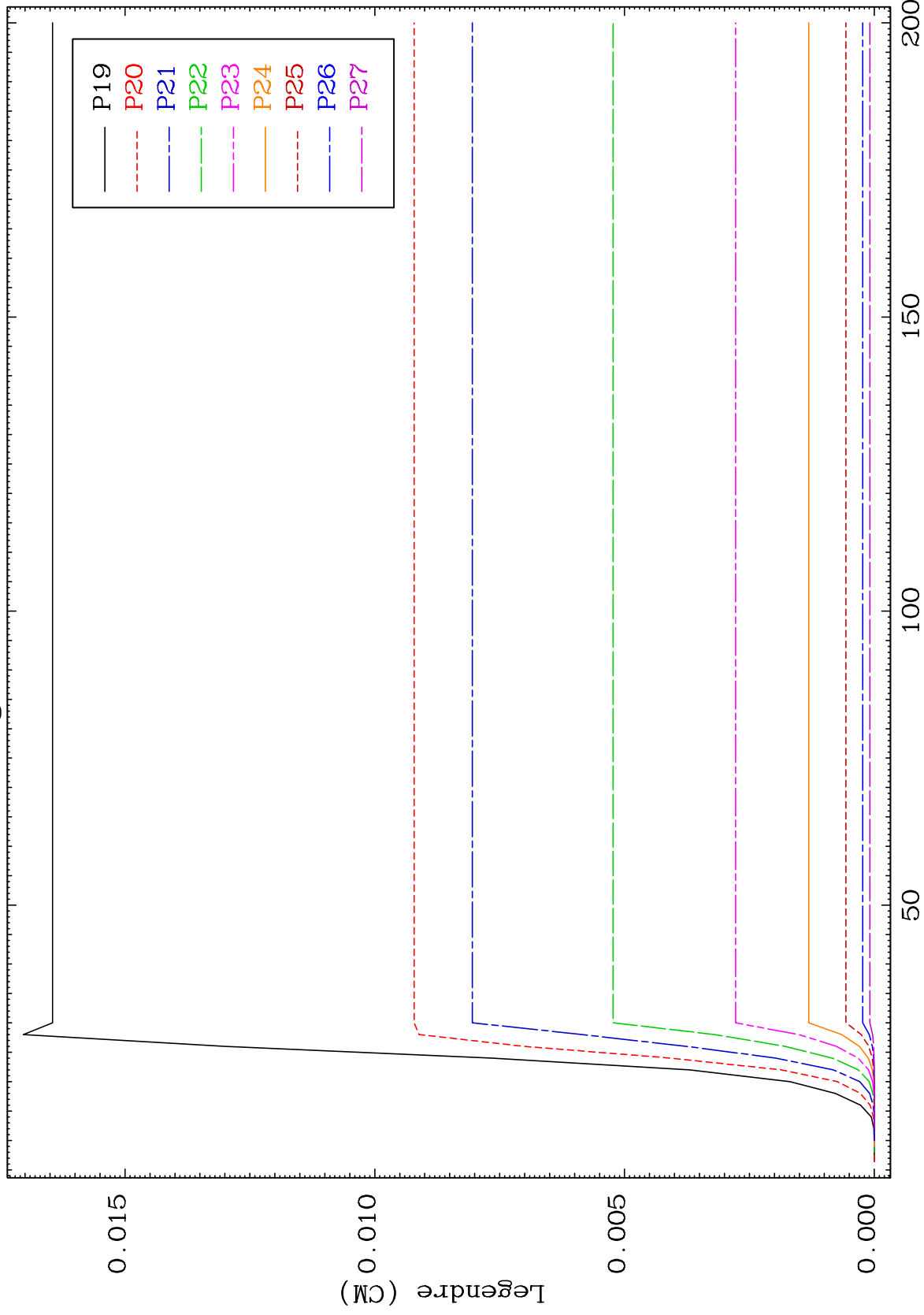




MAT 7519

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

75-Re-183



94

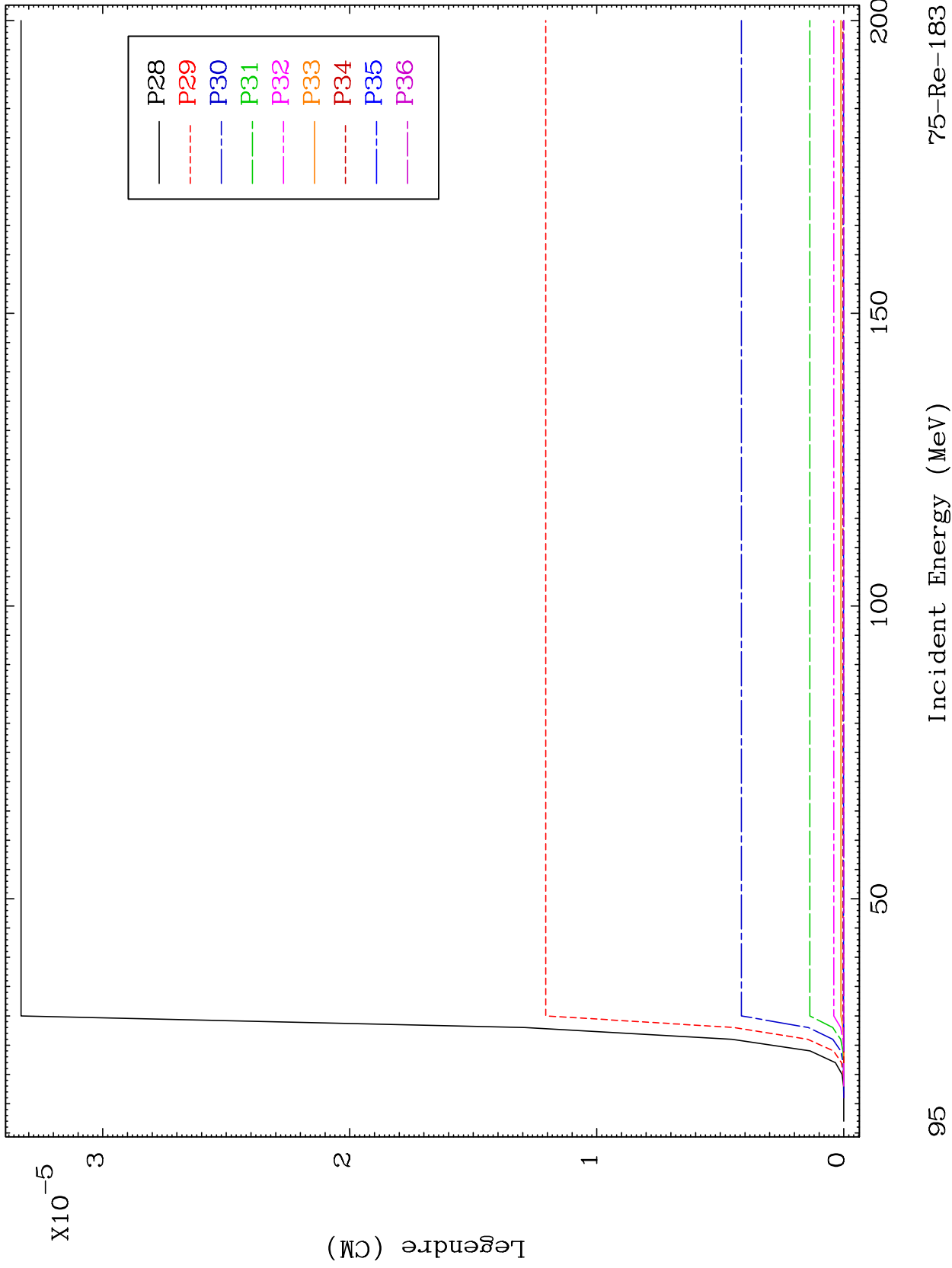
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



95

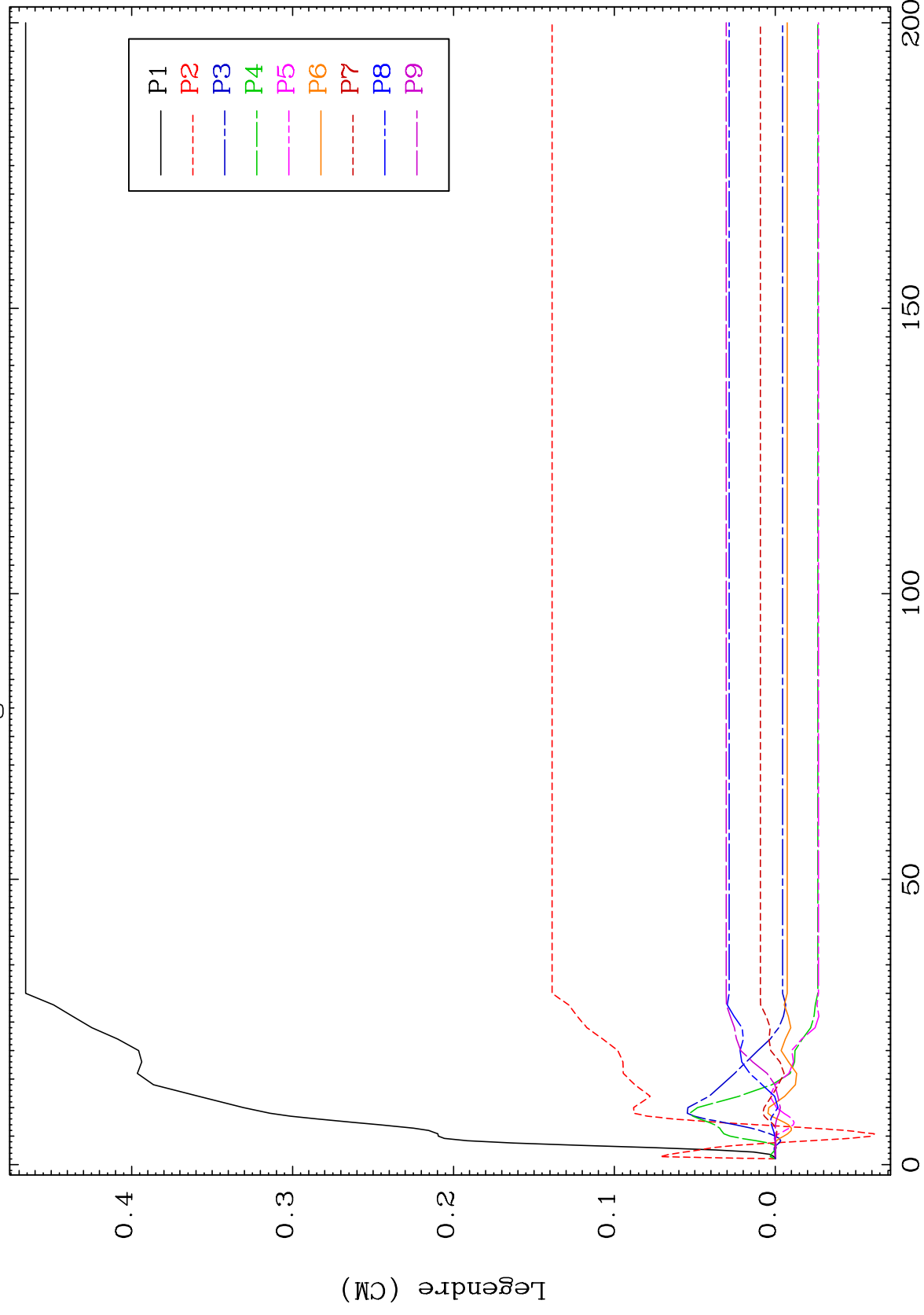
Incident Energy (MeV)

75-Re-183

MAT 7519

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

75-Re-183



96

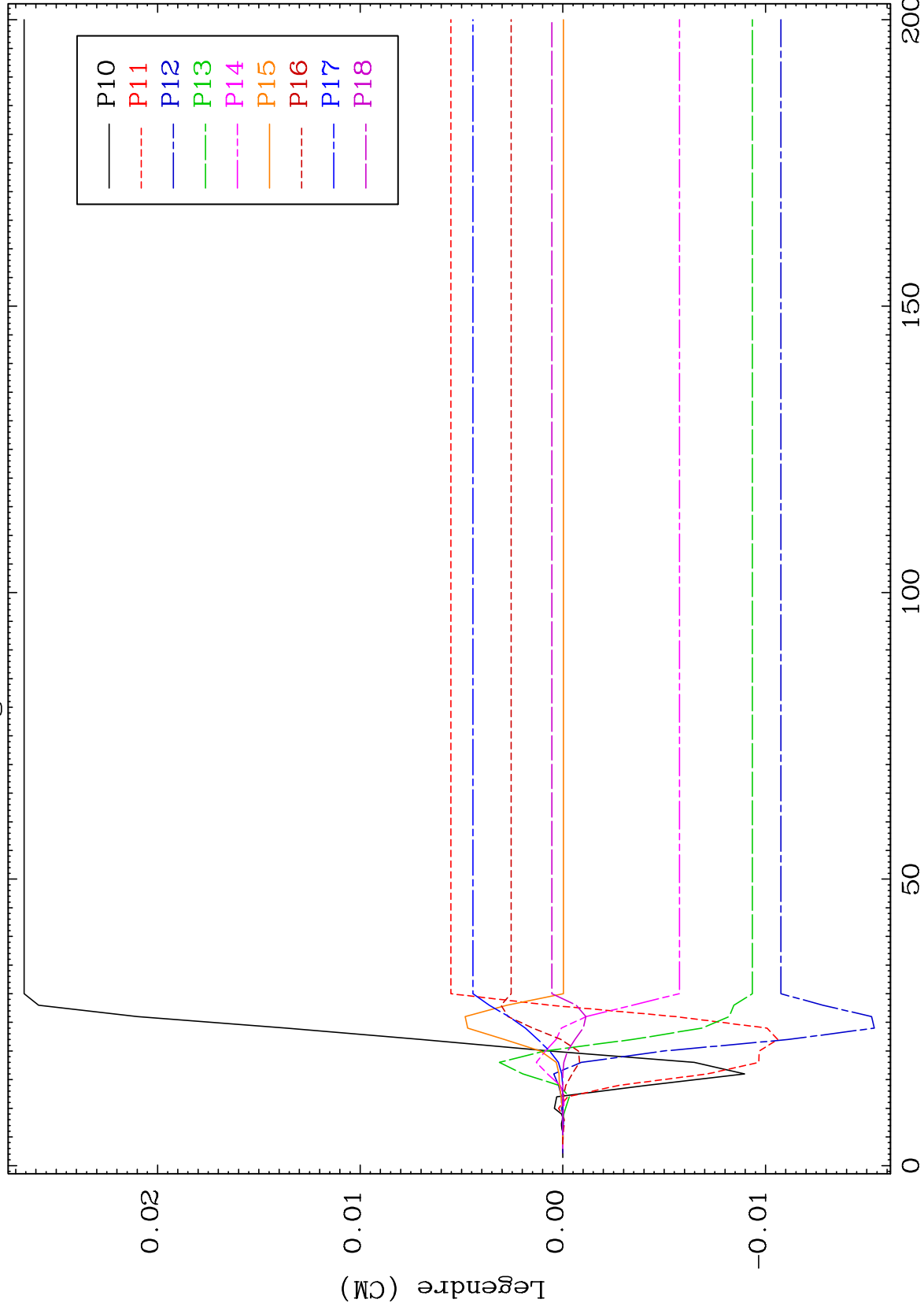
Incident Energy (MeV)

75-Re-183

MAT 7519

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

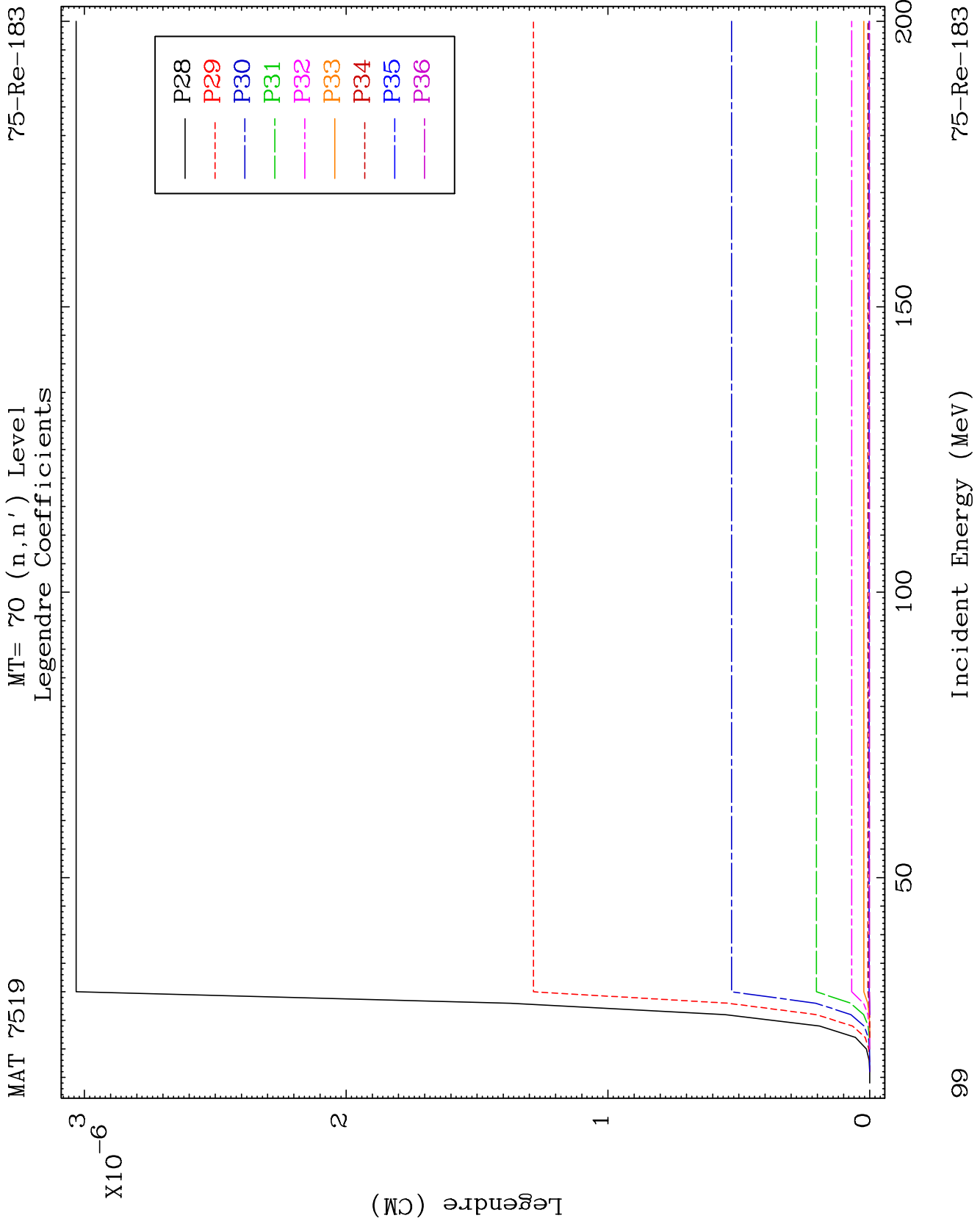
75-Re-183

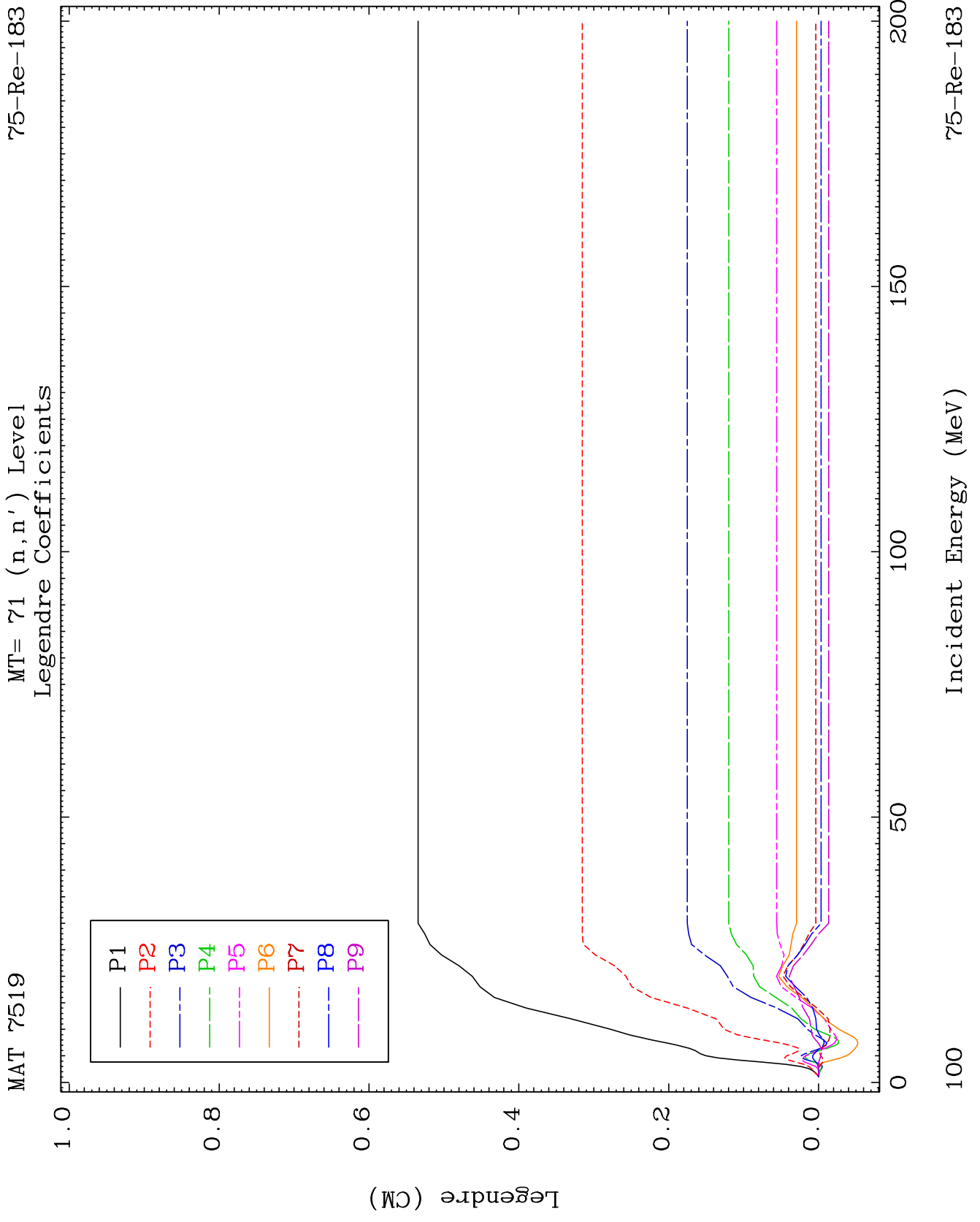


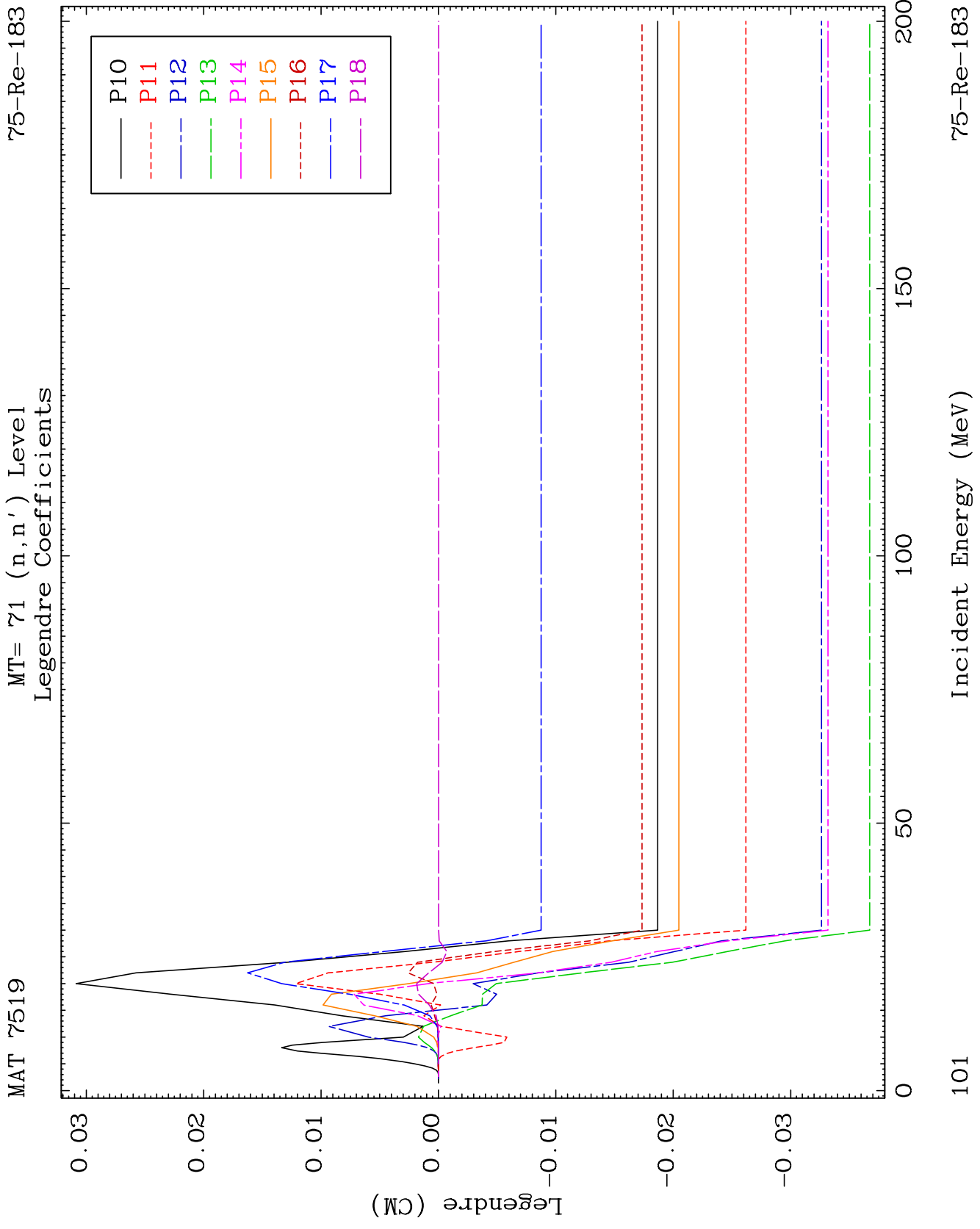
97

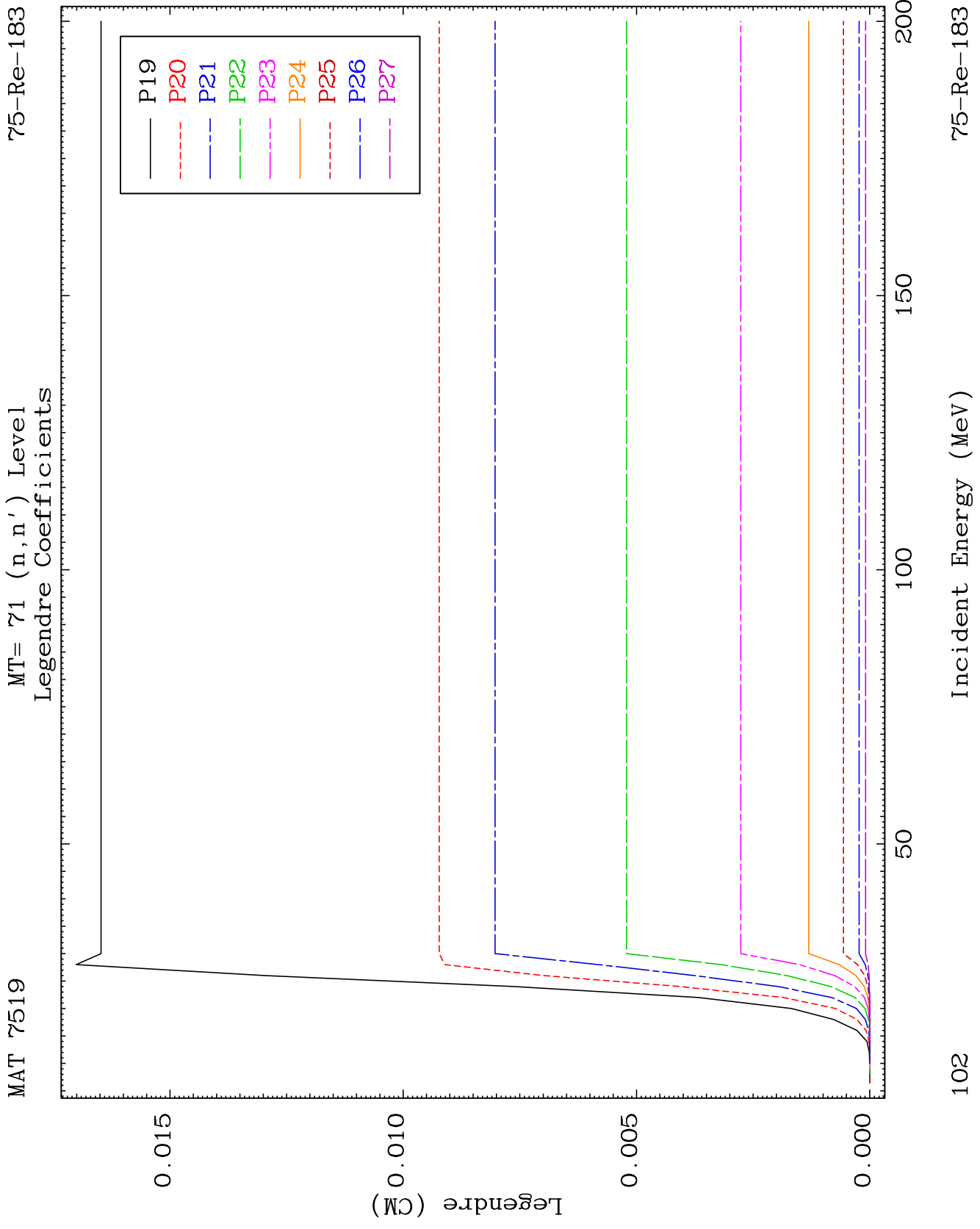
Incident Energy (MeV)

75-Re-183





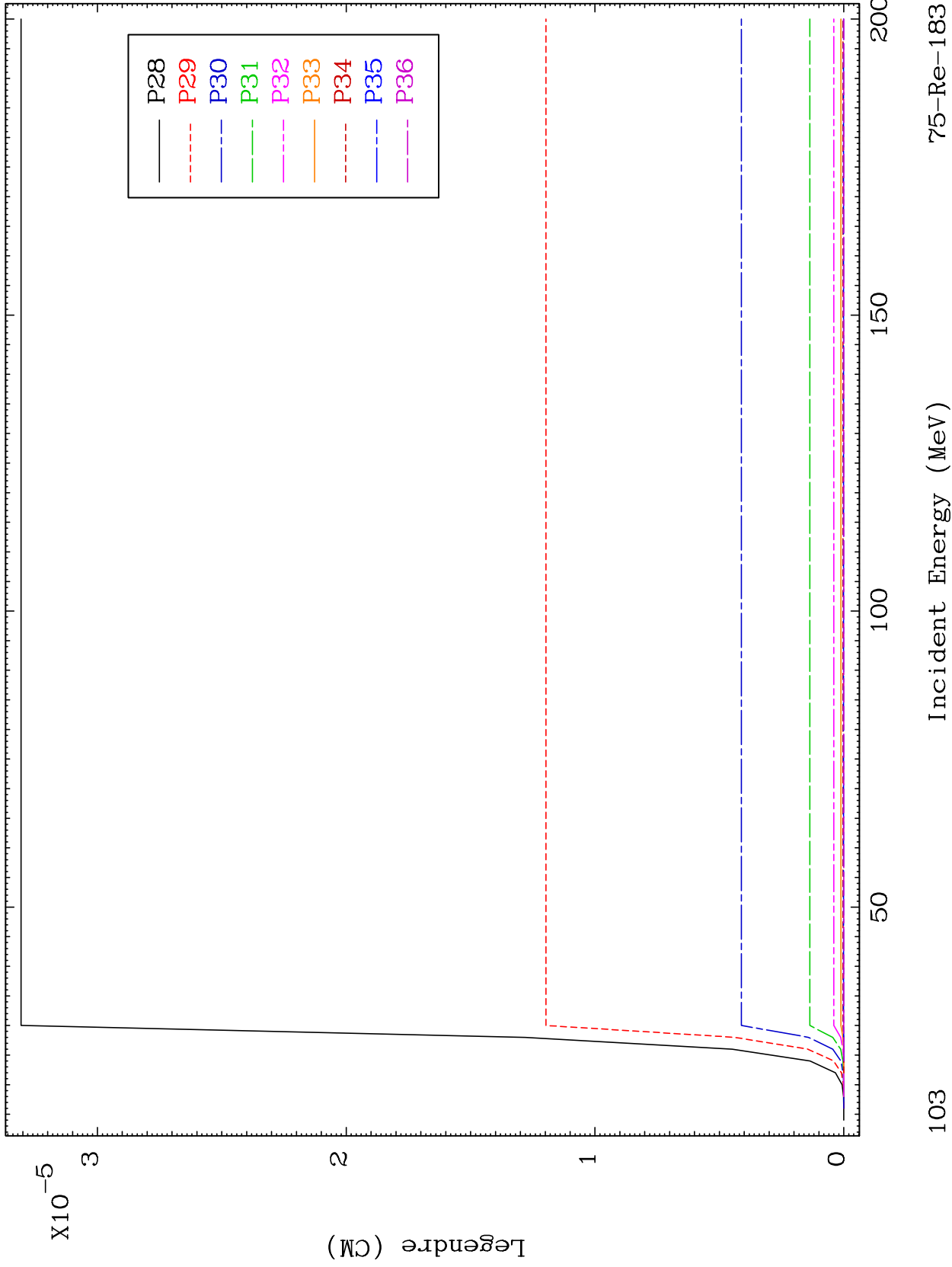


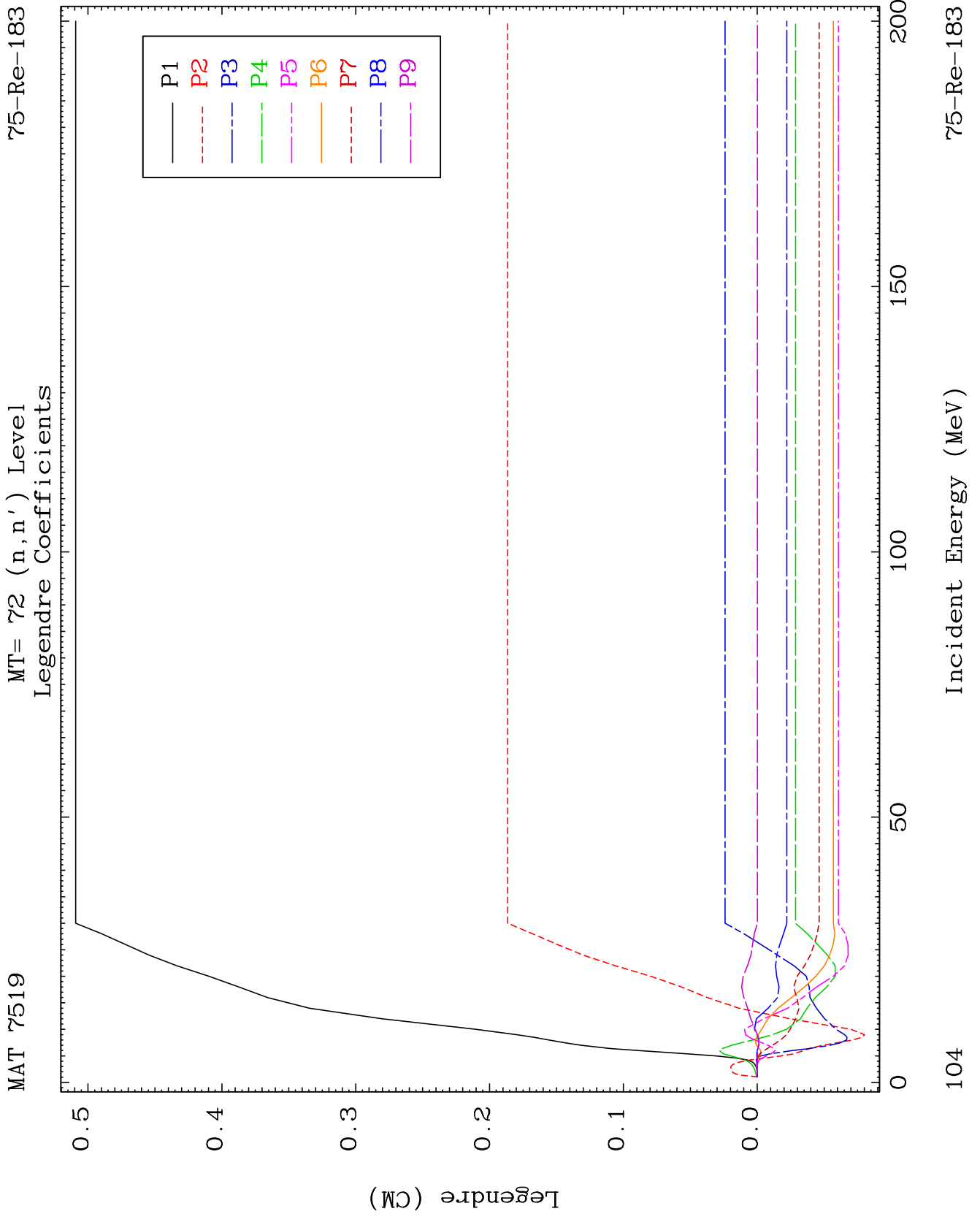


MAT 7519

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

75-Re-183

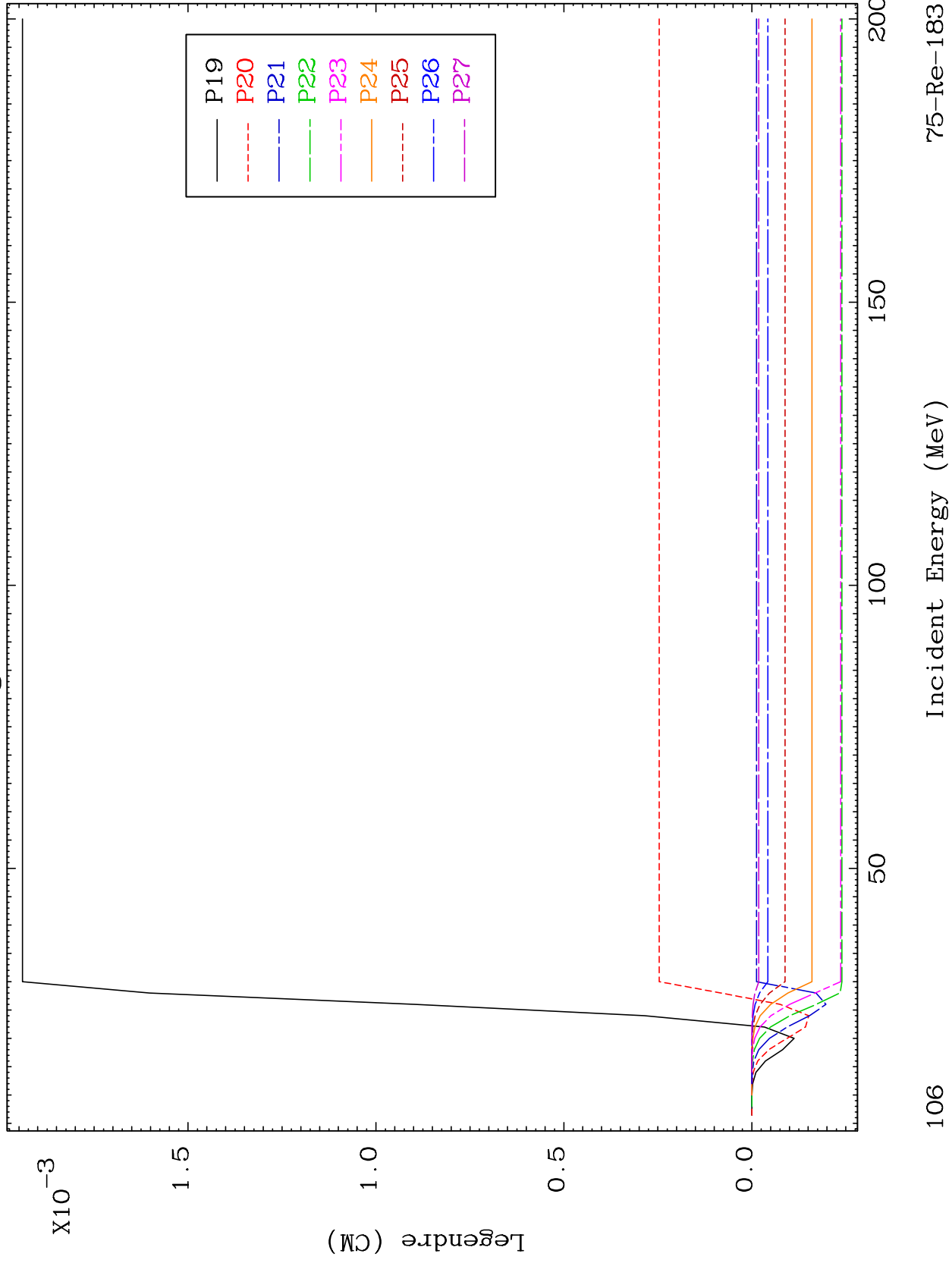




MAT 7519

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

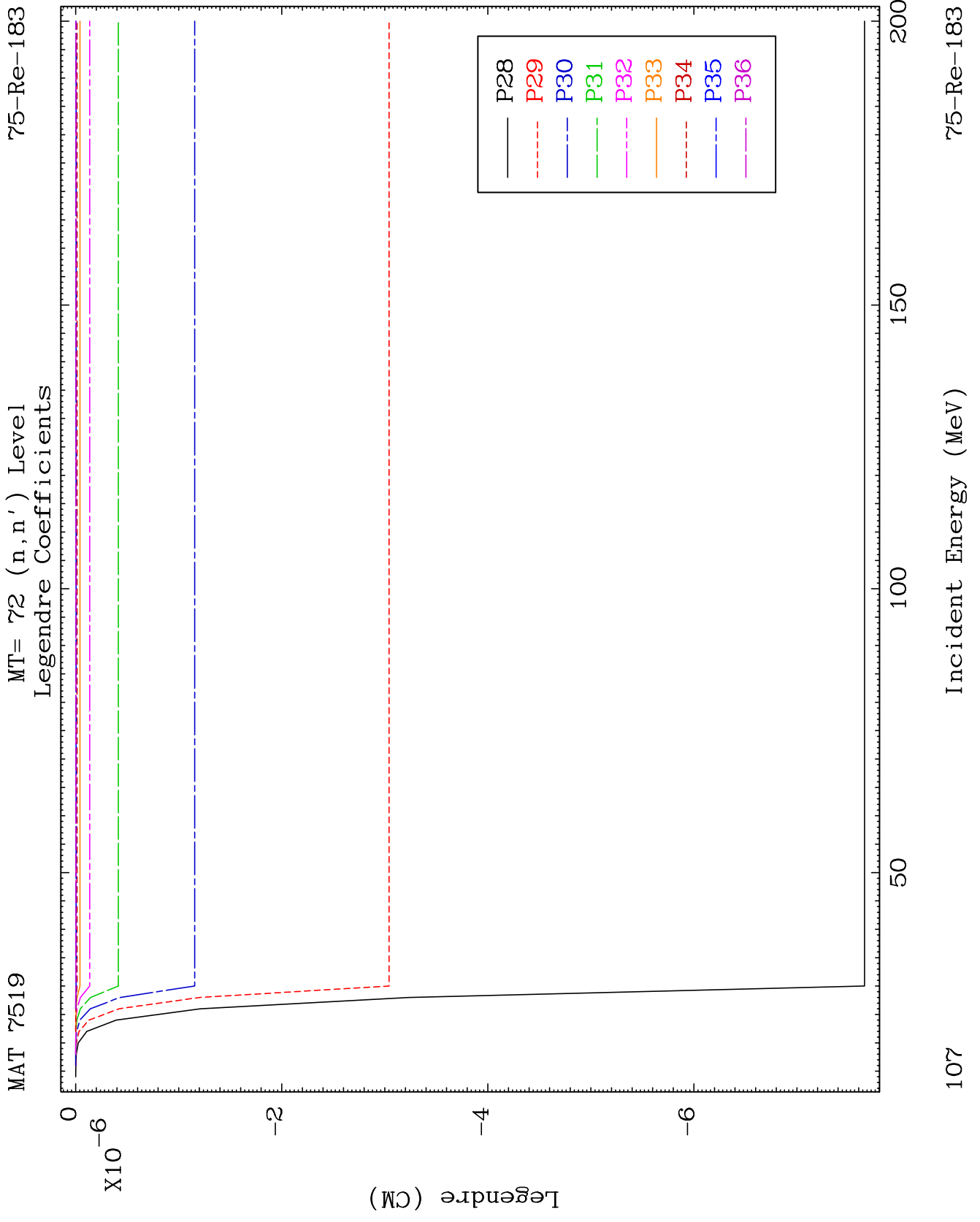
75-Re-183

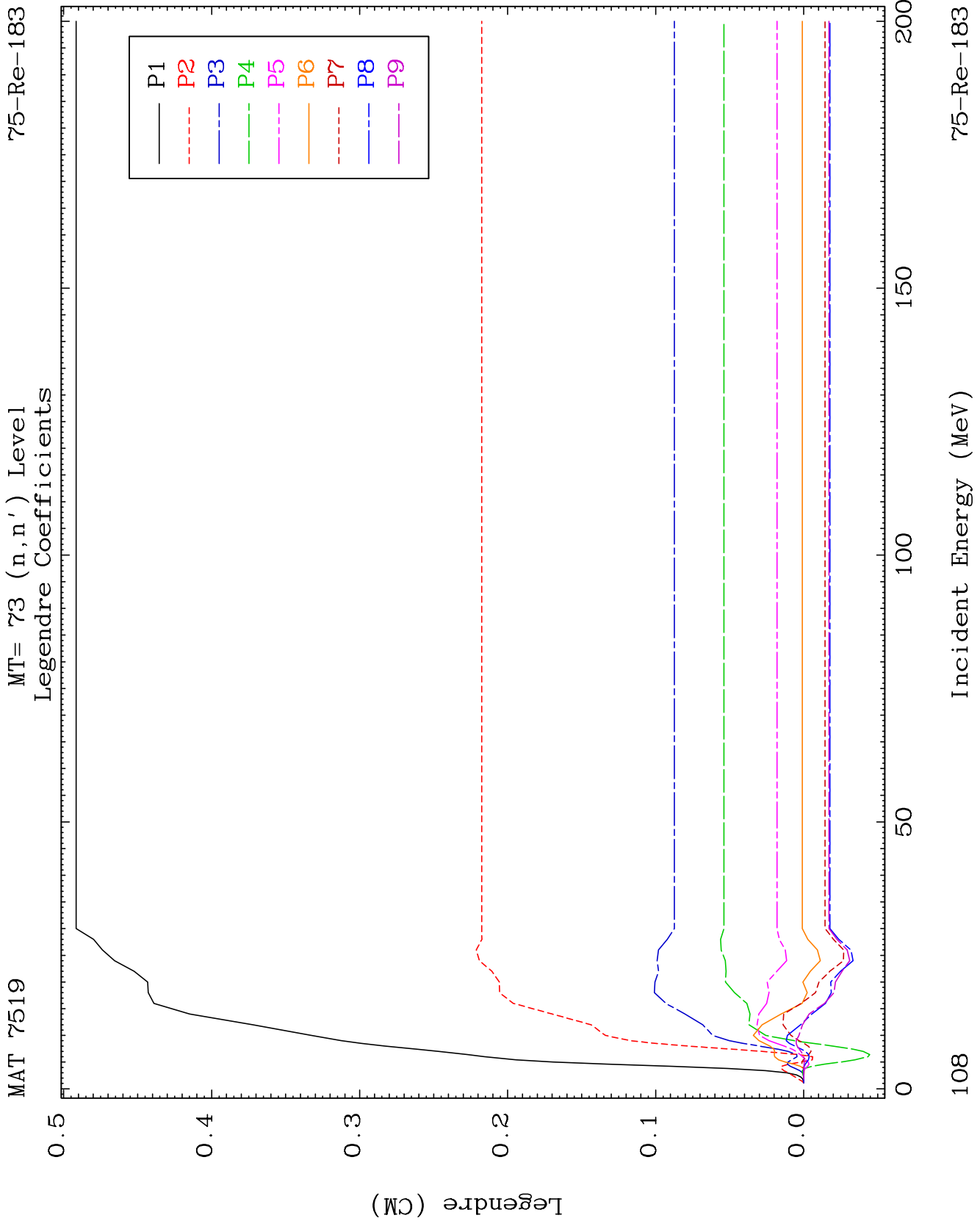


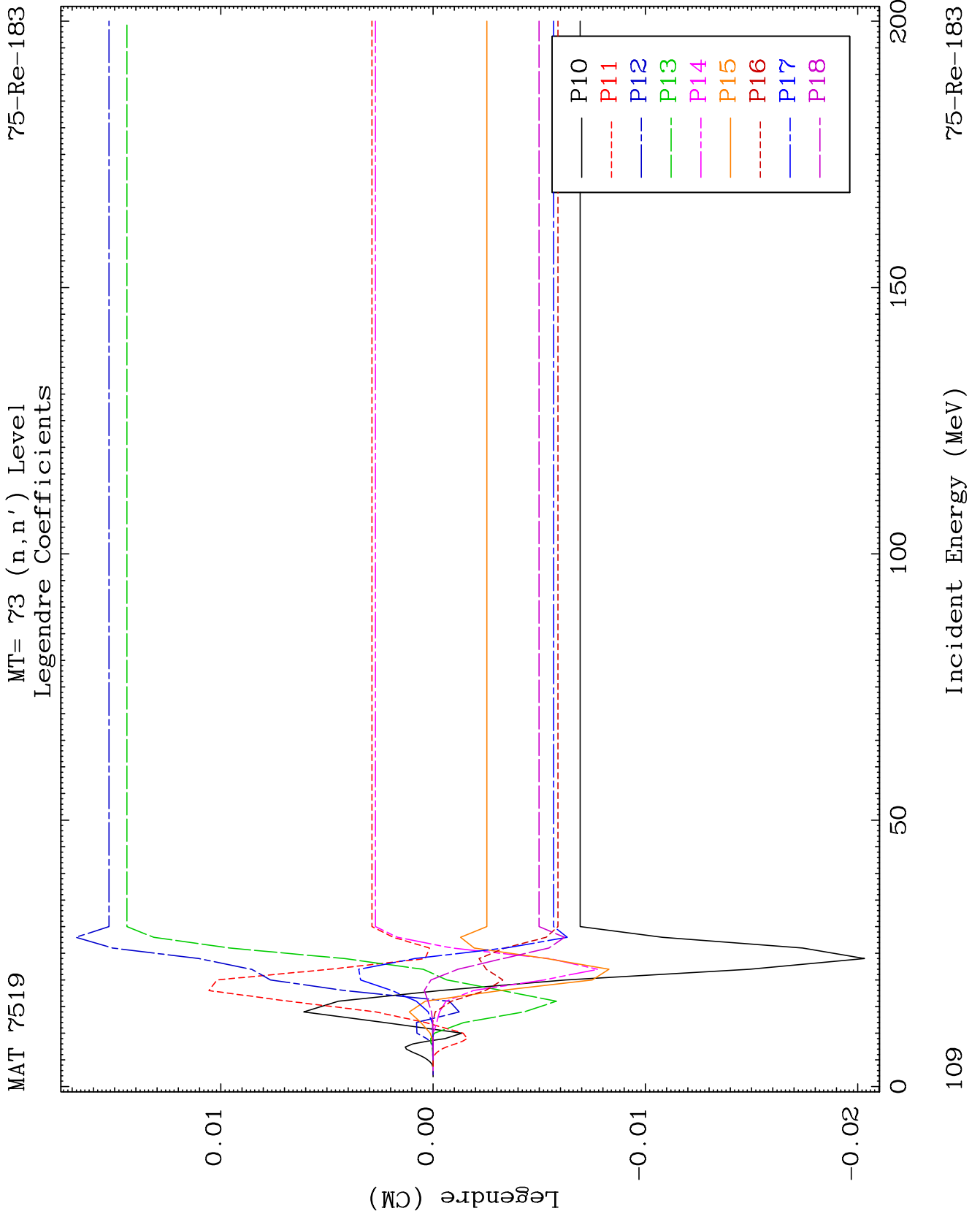
106

Incident Energy (MeV)

75-Re-183



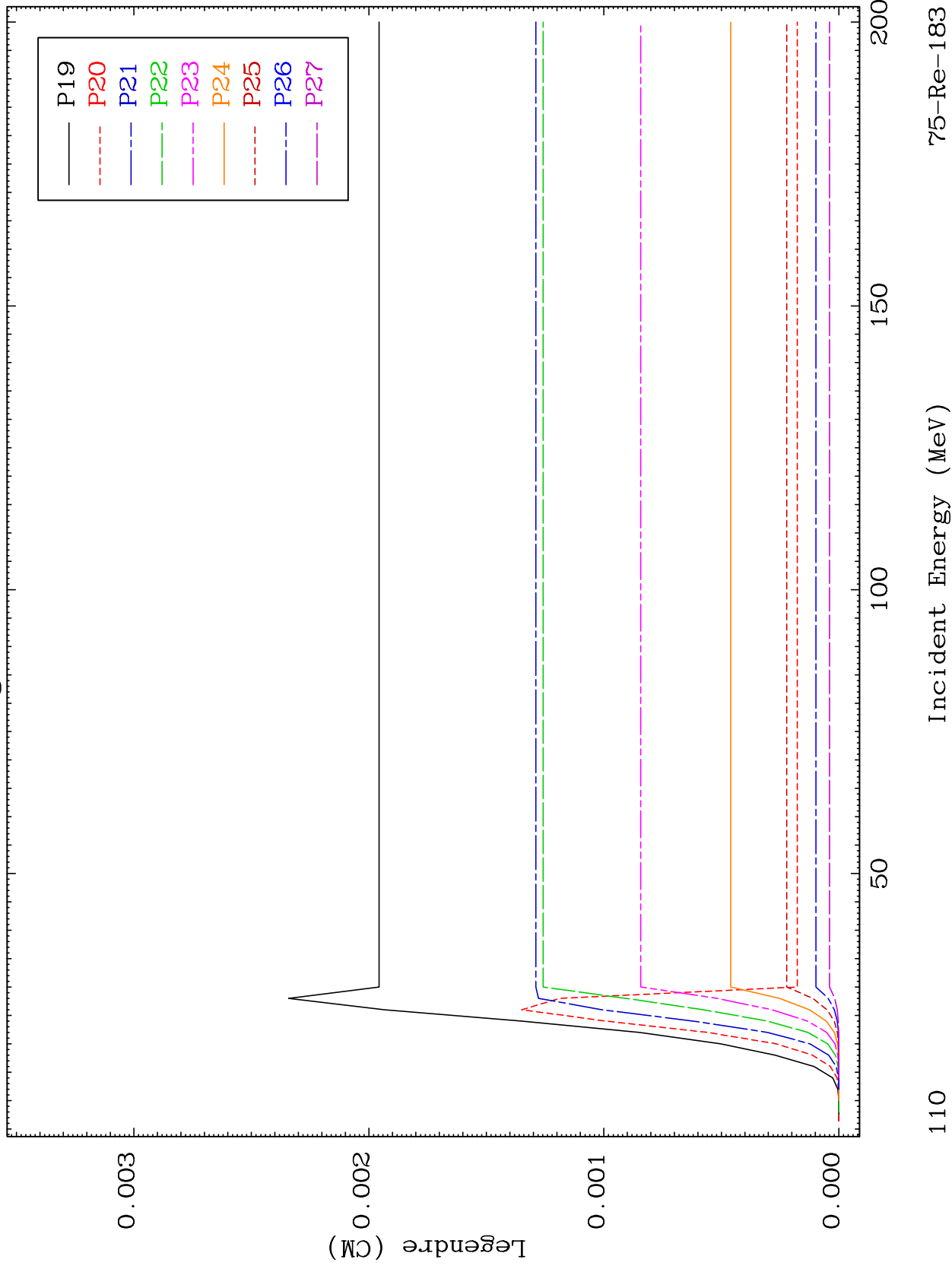




MAT 7519

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

75-Re-183



110

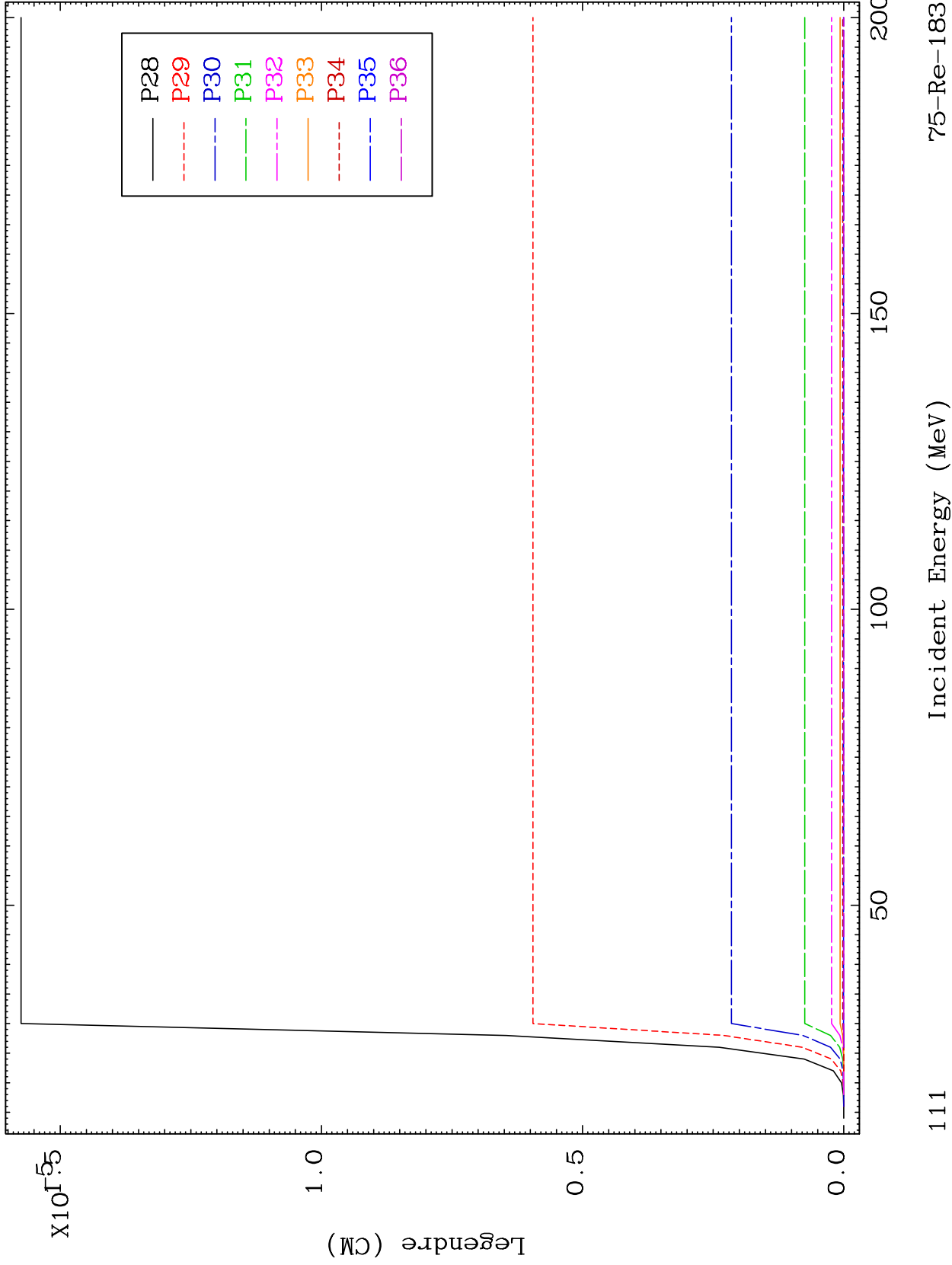
Incident Energy (MeV)

75-Re-183

MAT 7519

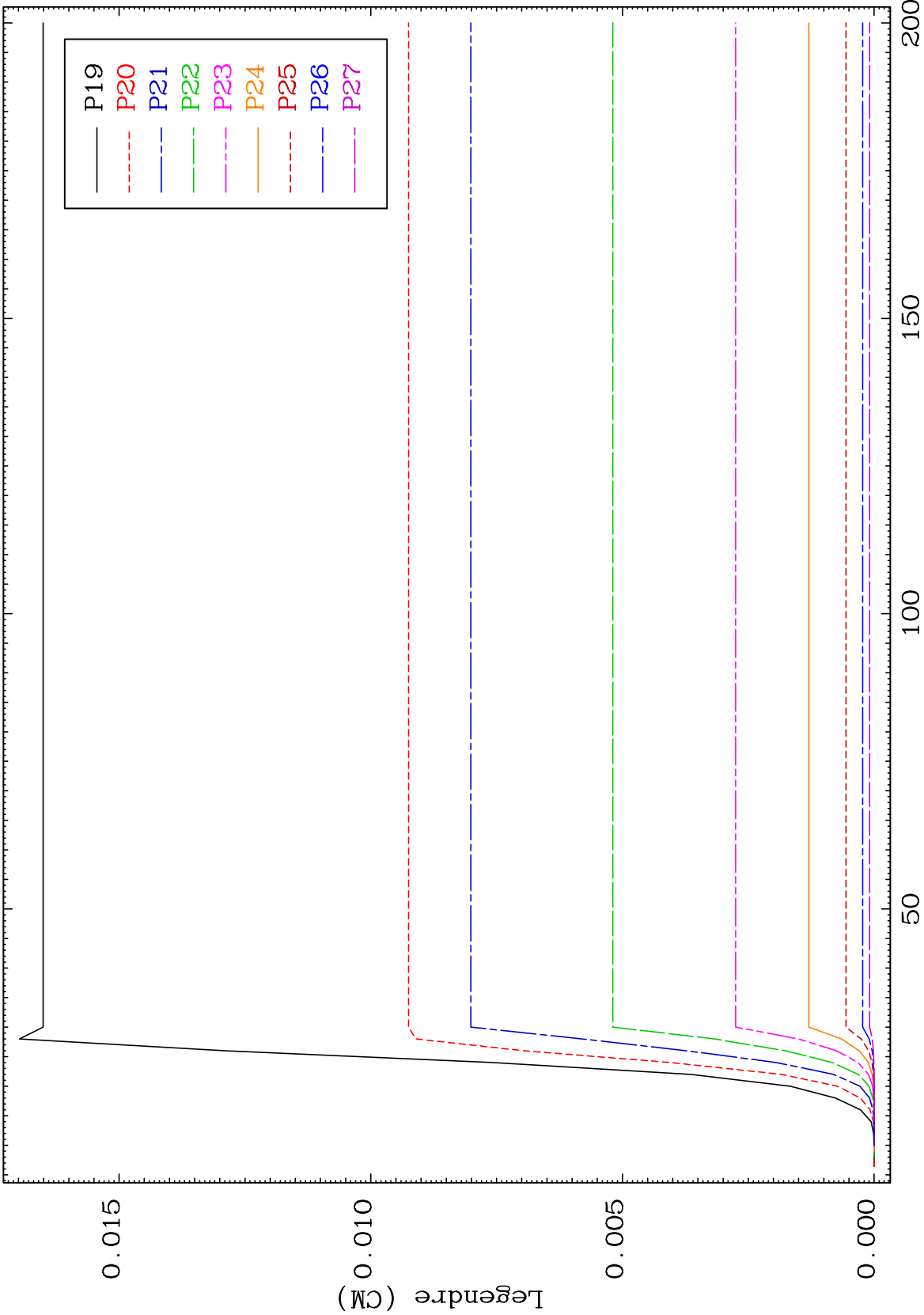
MT= 73 (n,n') Level
Legendre Coefficients

75-Re-183



111

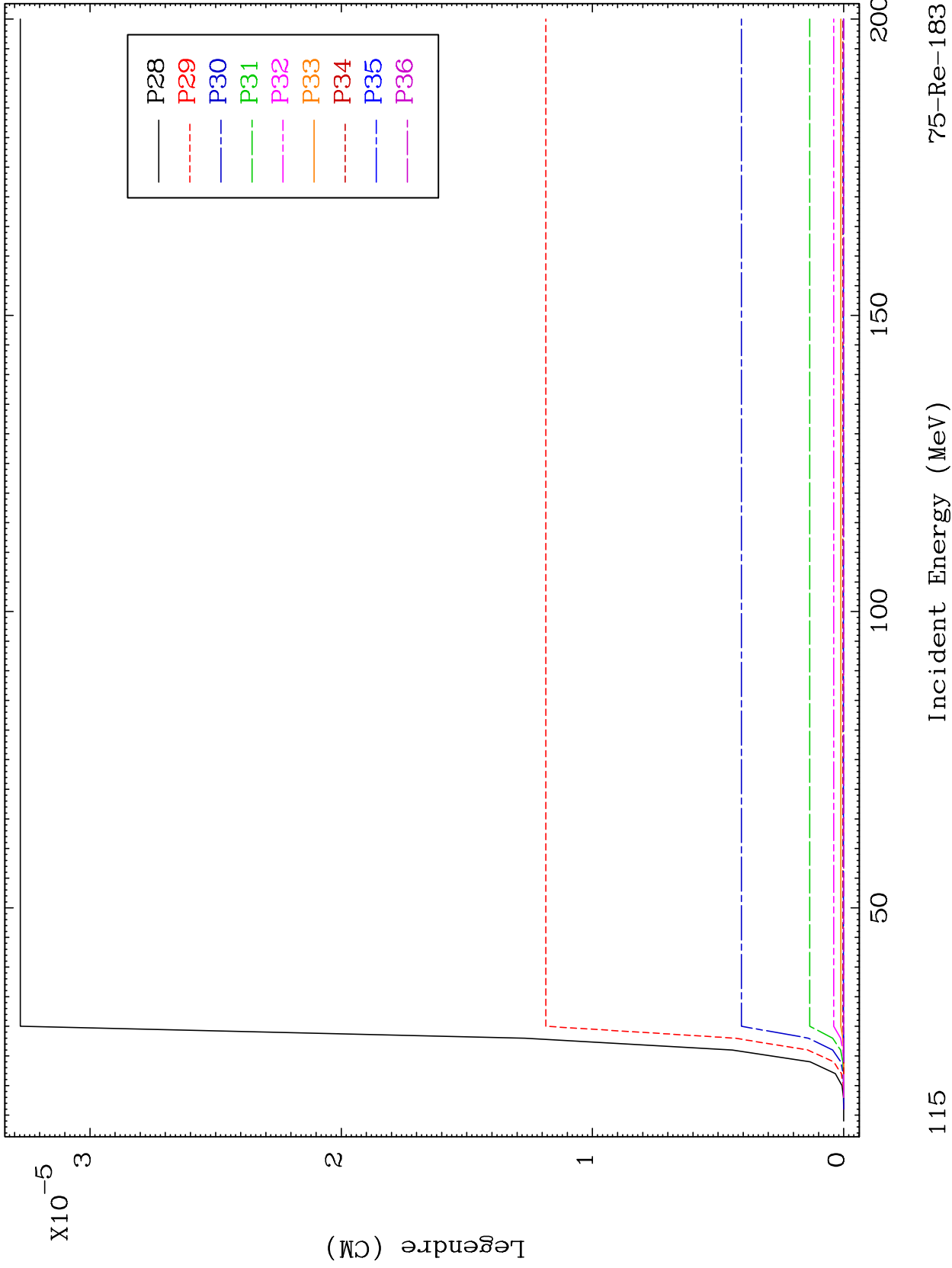
MAT 7519 MT= 74 (n,n') Level Legendre Coefficients 75-Re-183



MAT 7519

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

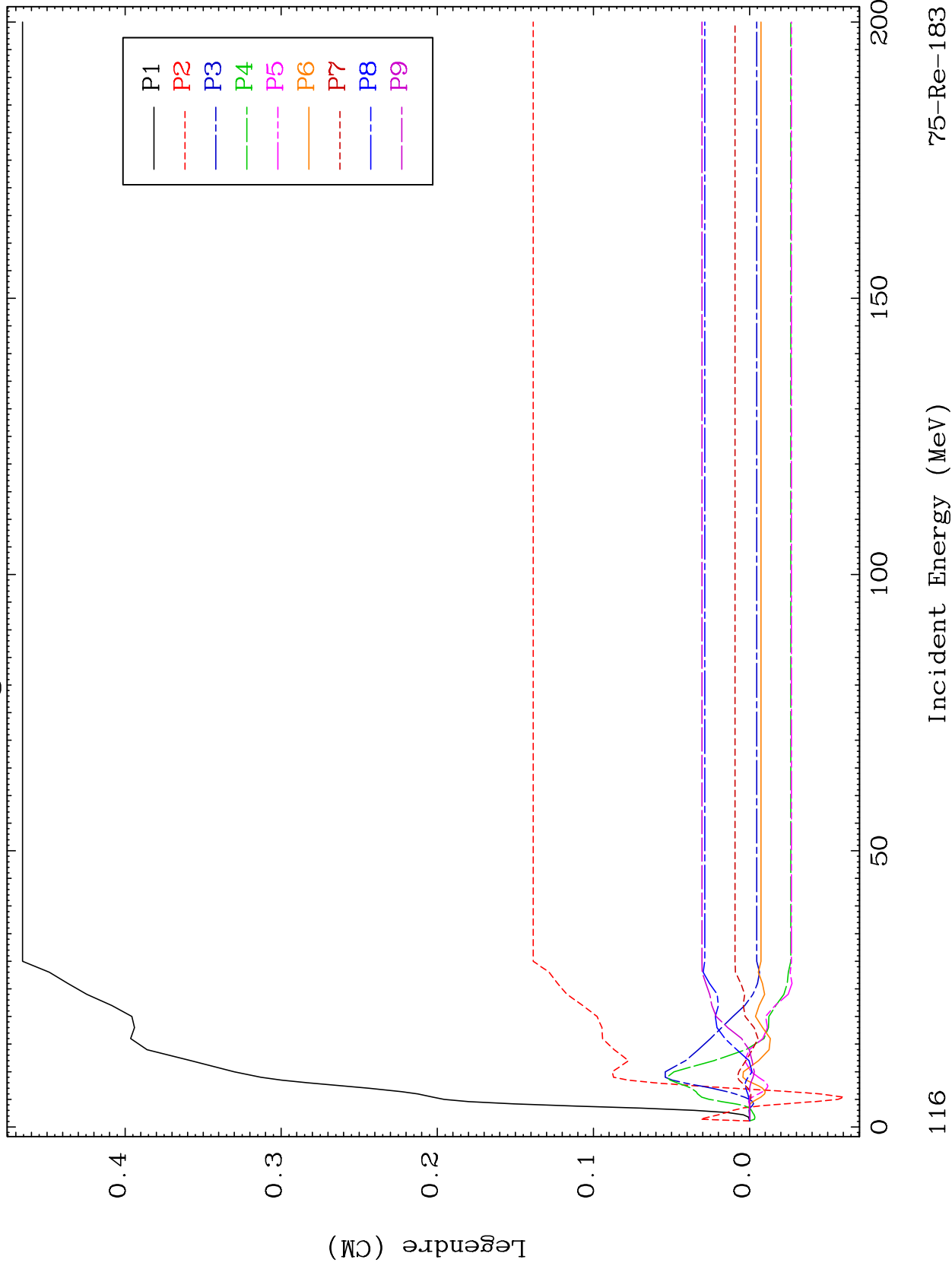
75-Re-183



MAT 7519

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

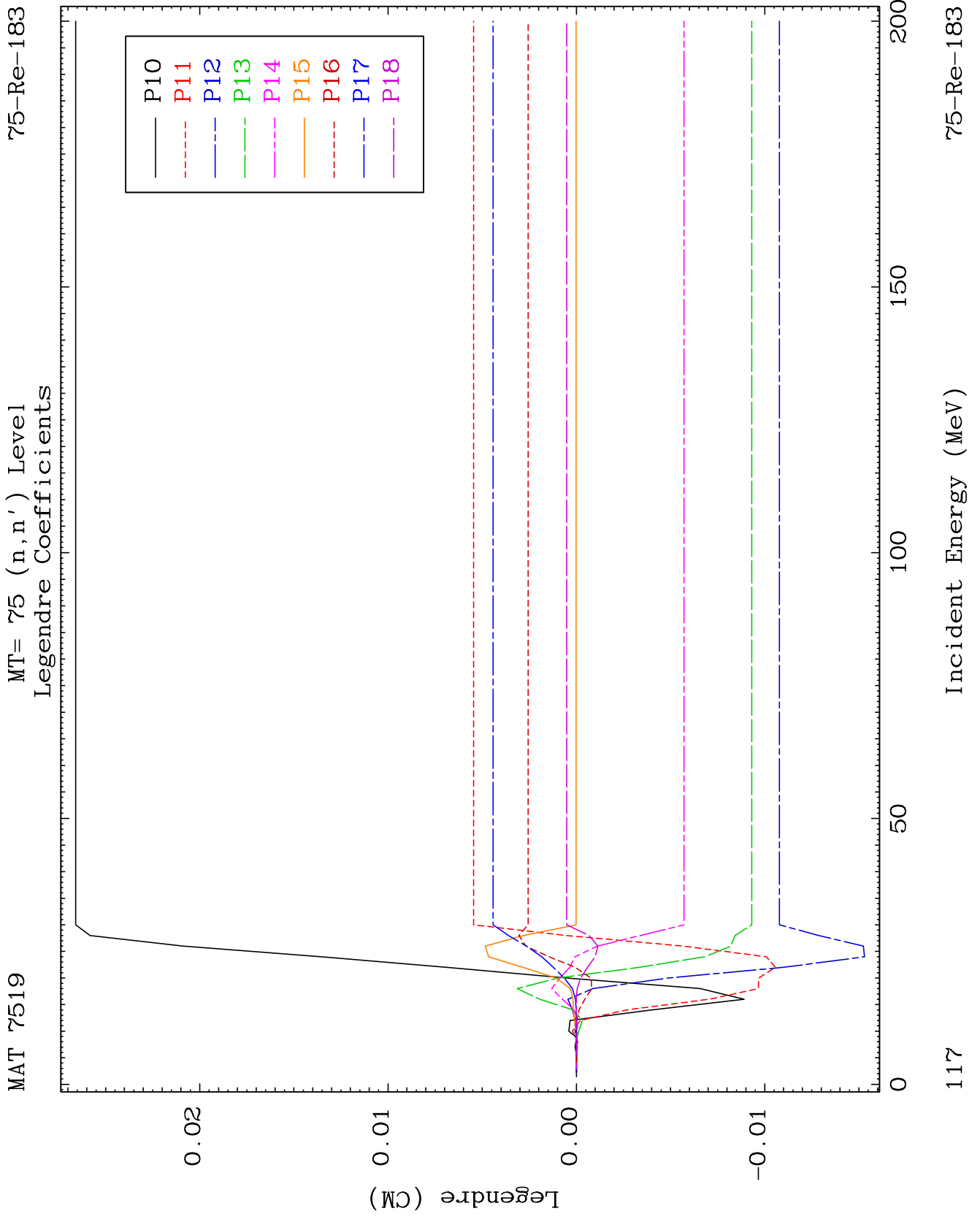
75-Re-183



75-Re-183

Incident Energy (MeV)

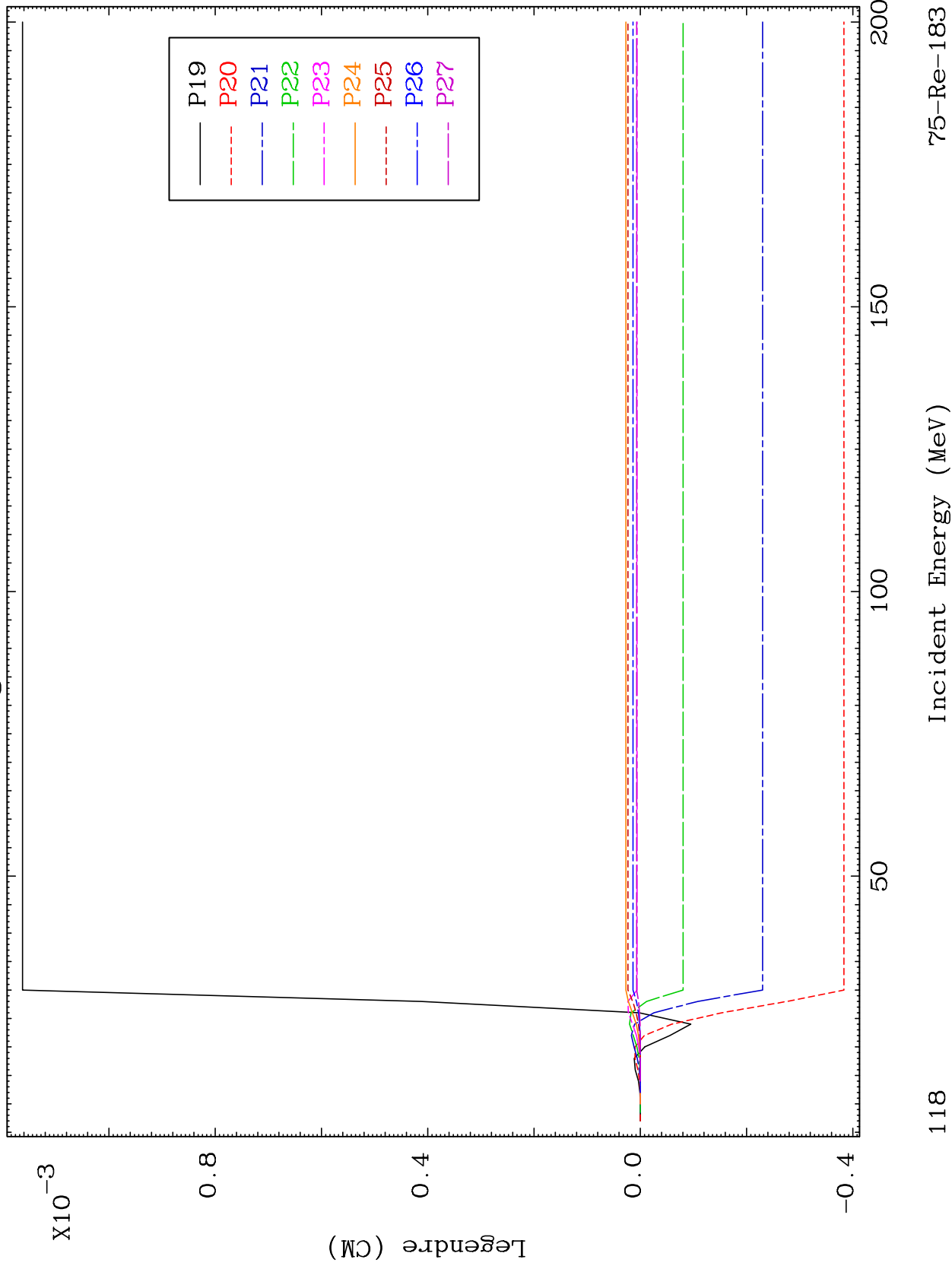
116



MAT 7519

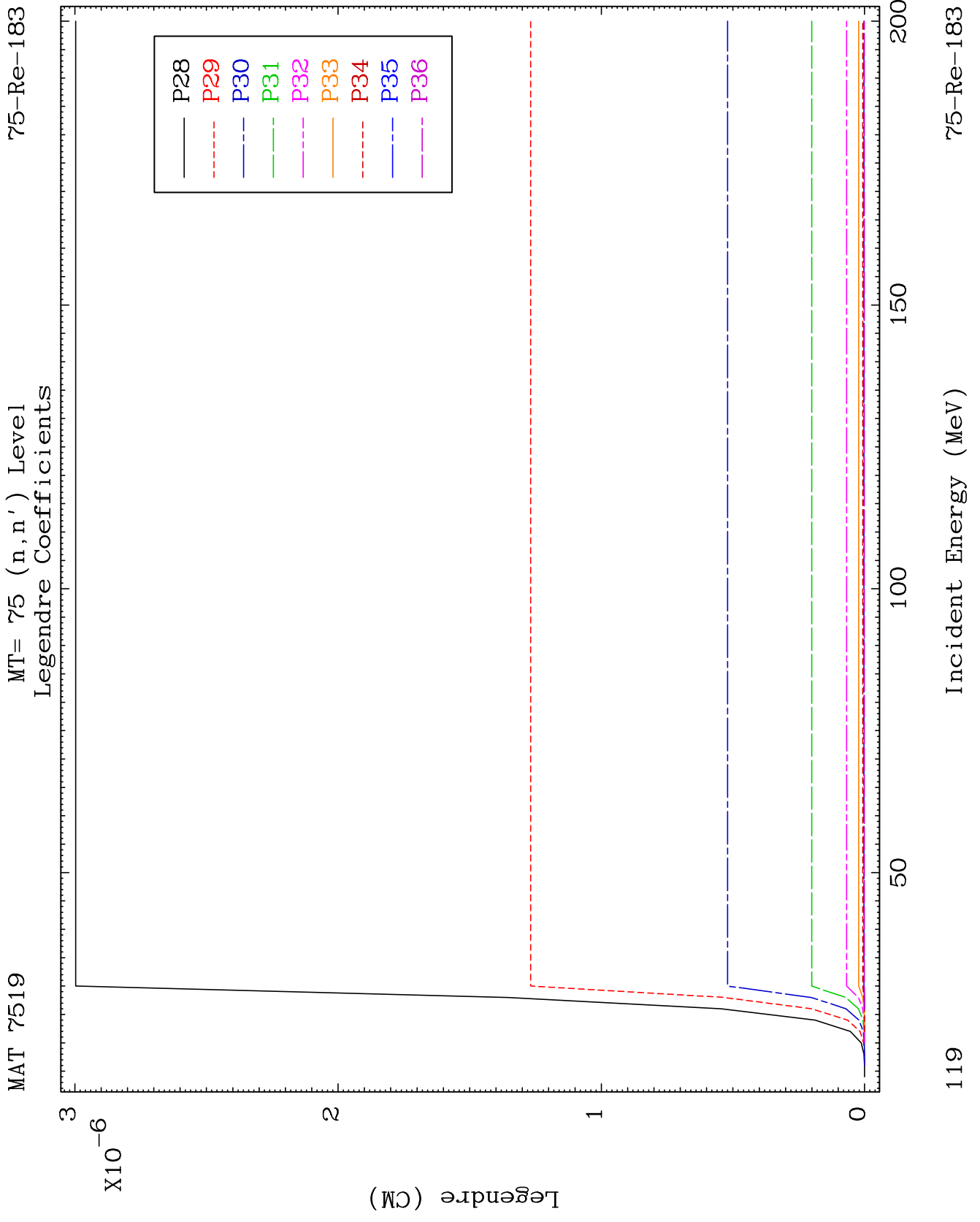
MT= 75 (n,n') Level
Legendre Coefficients

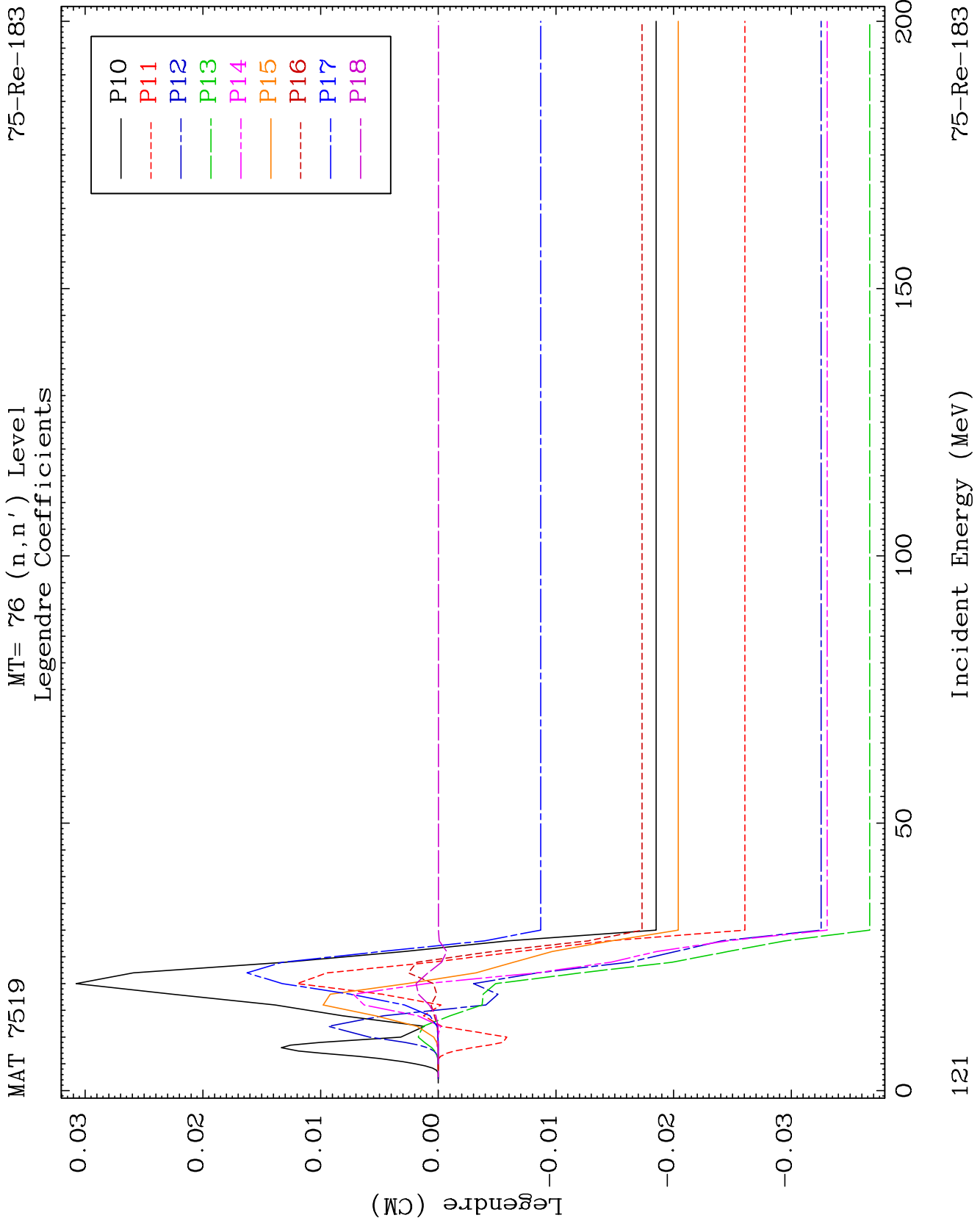
75-Re-183

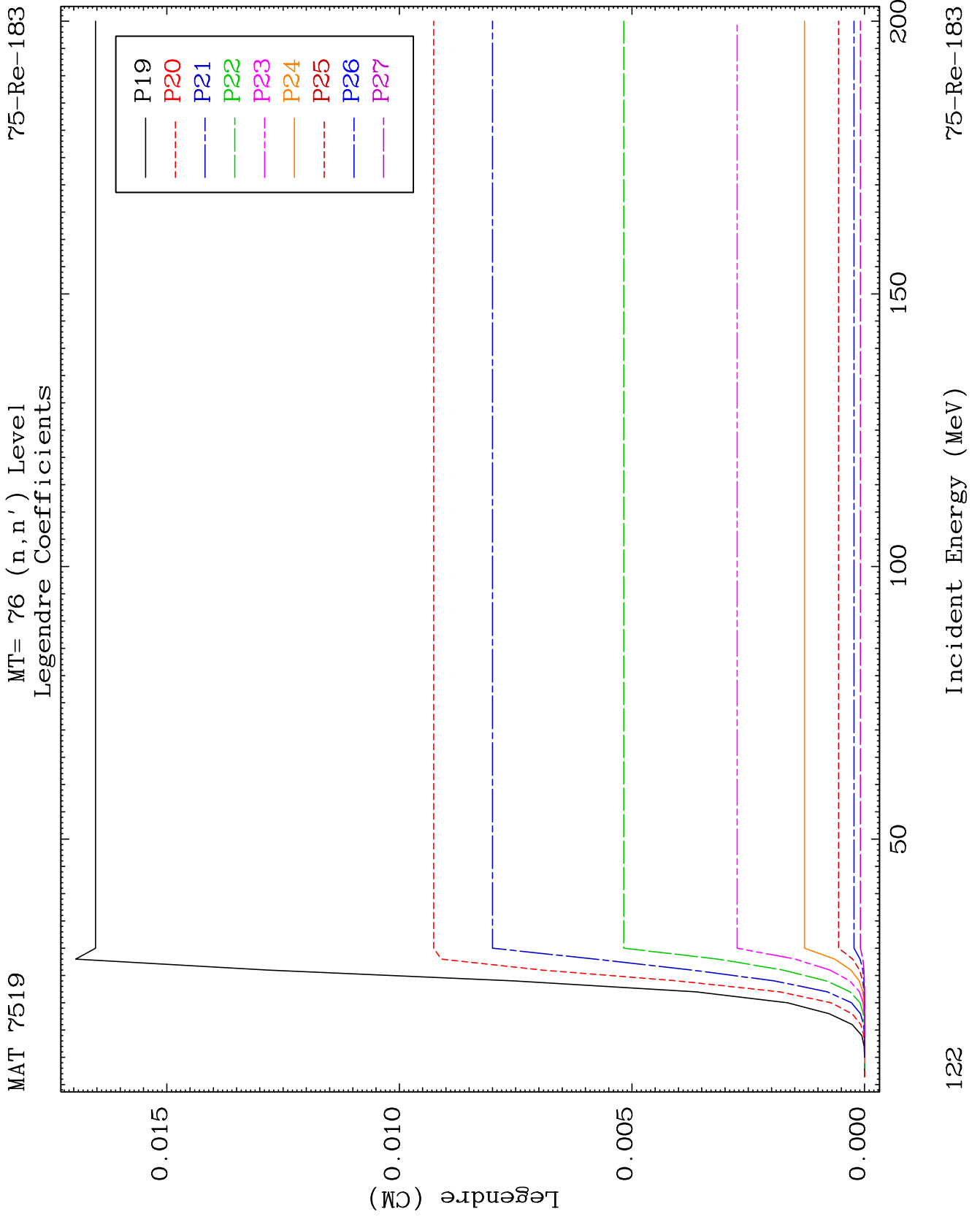


118

75-Re-183



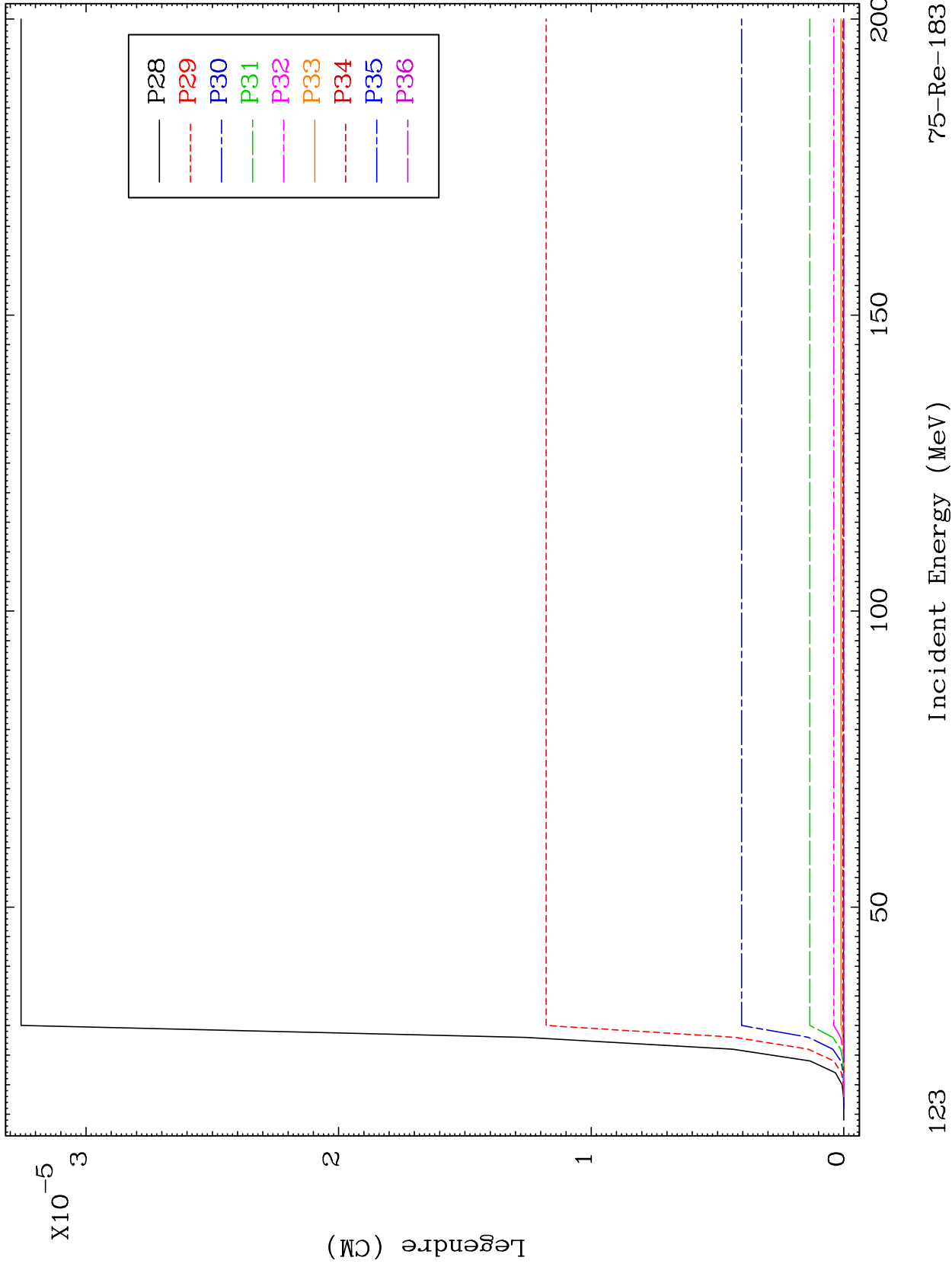




MAT 7519

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

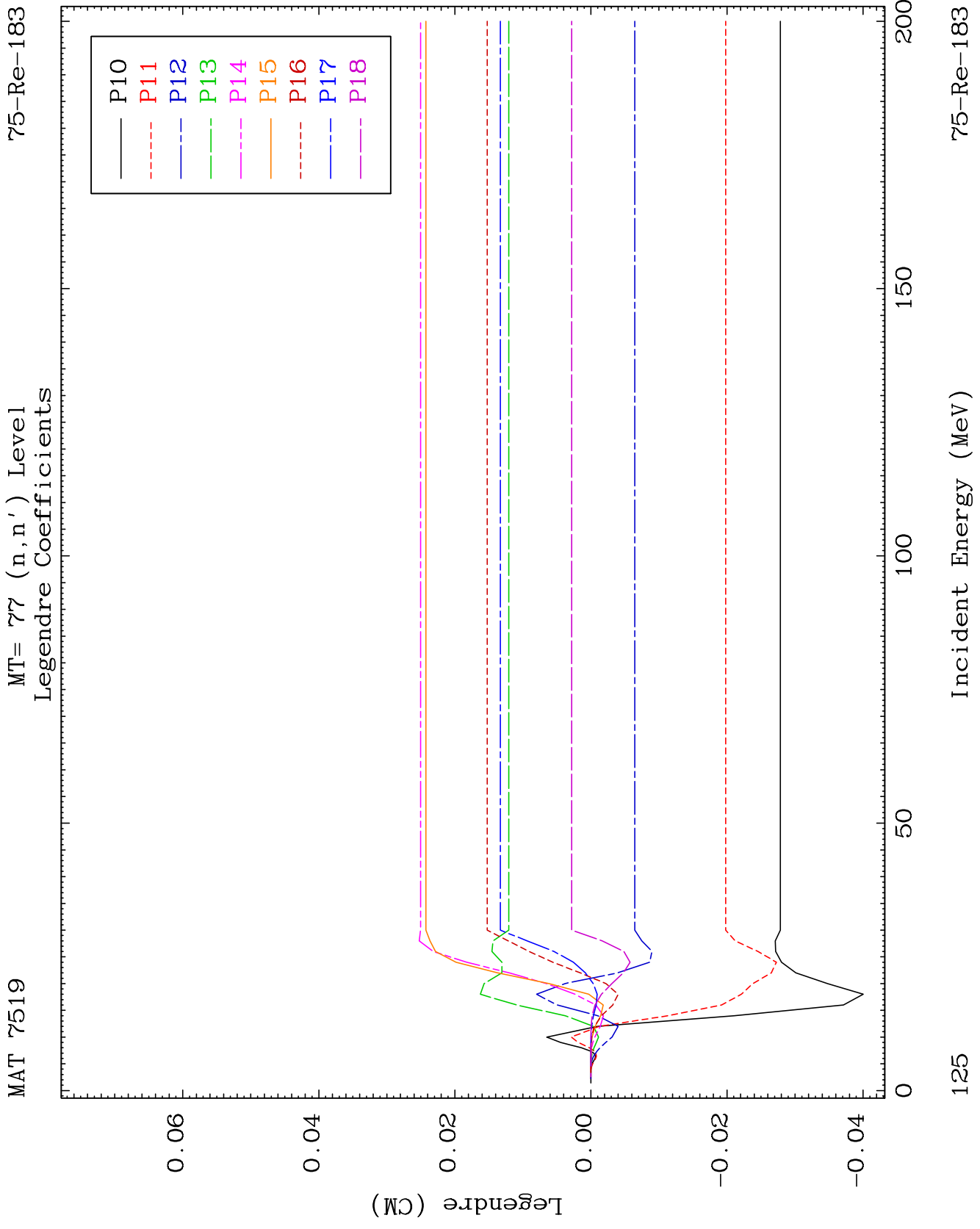
75-Re-183

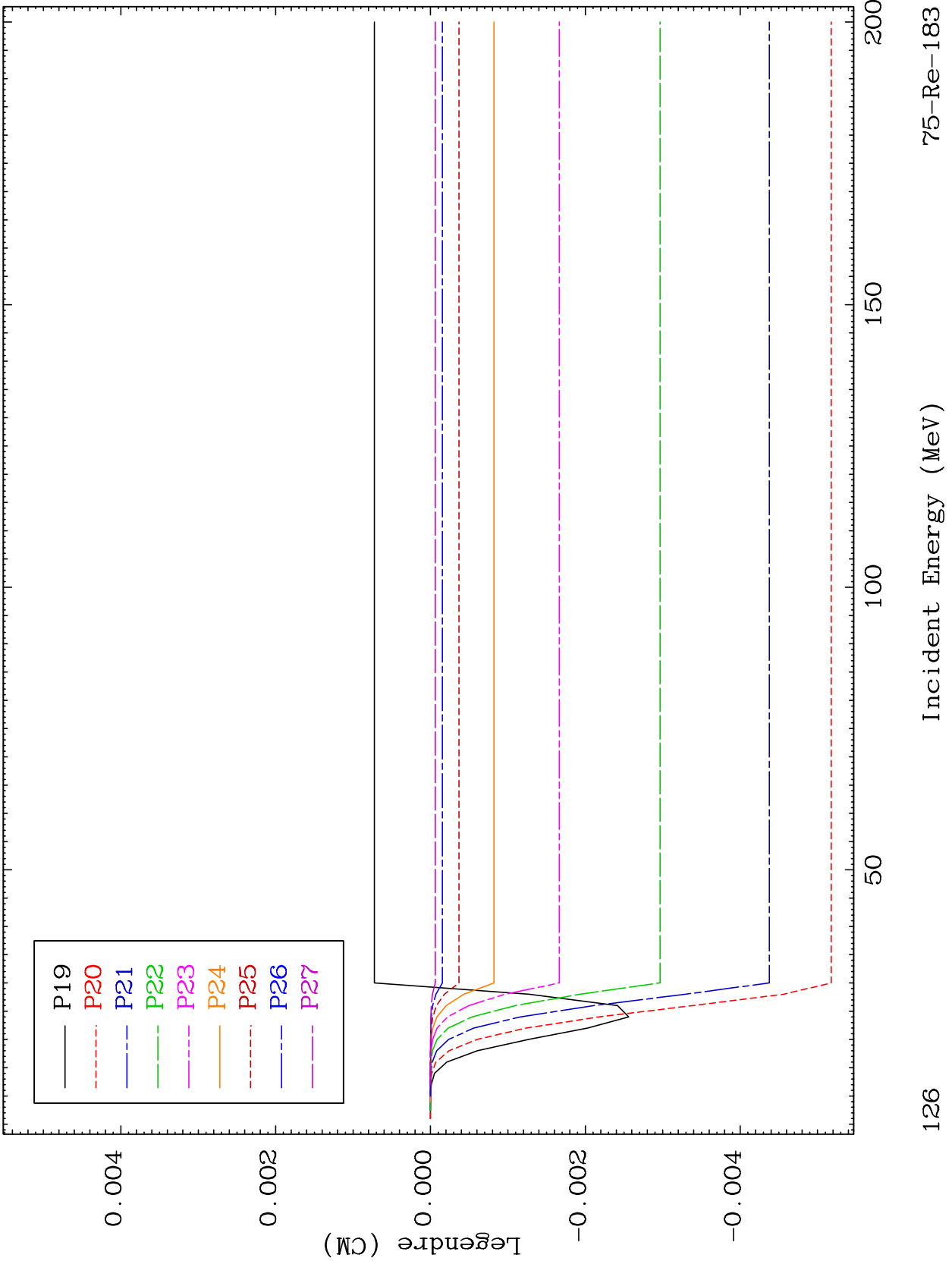


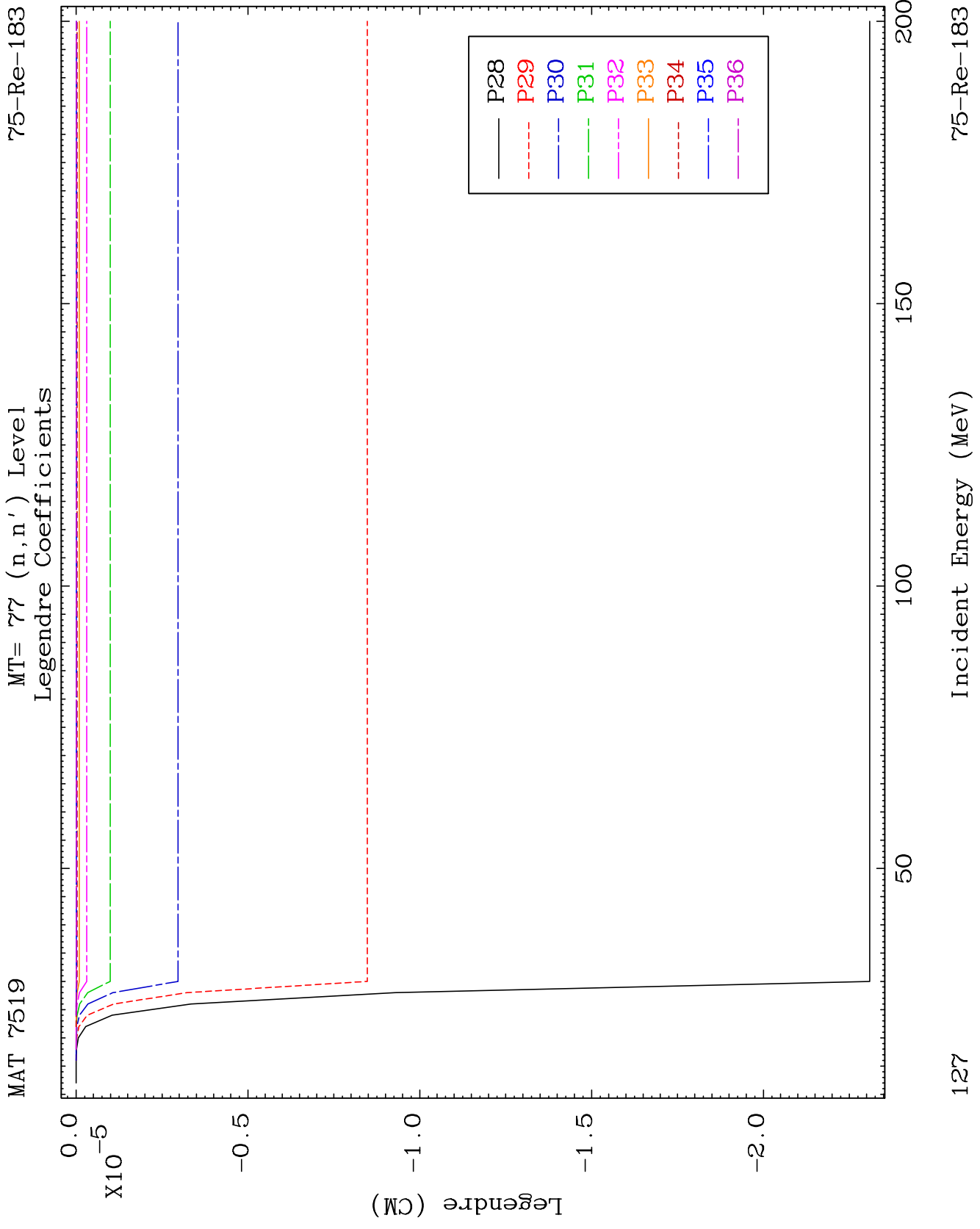
123

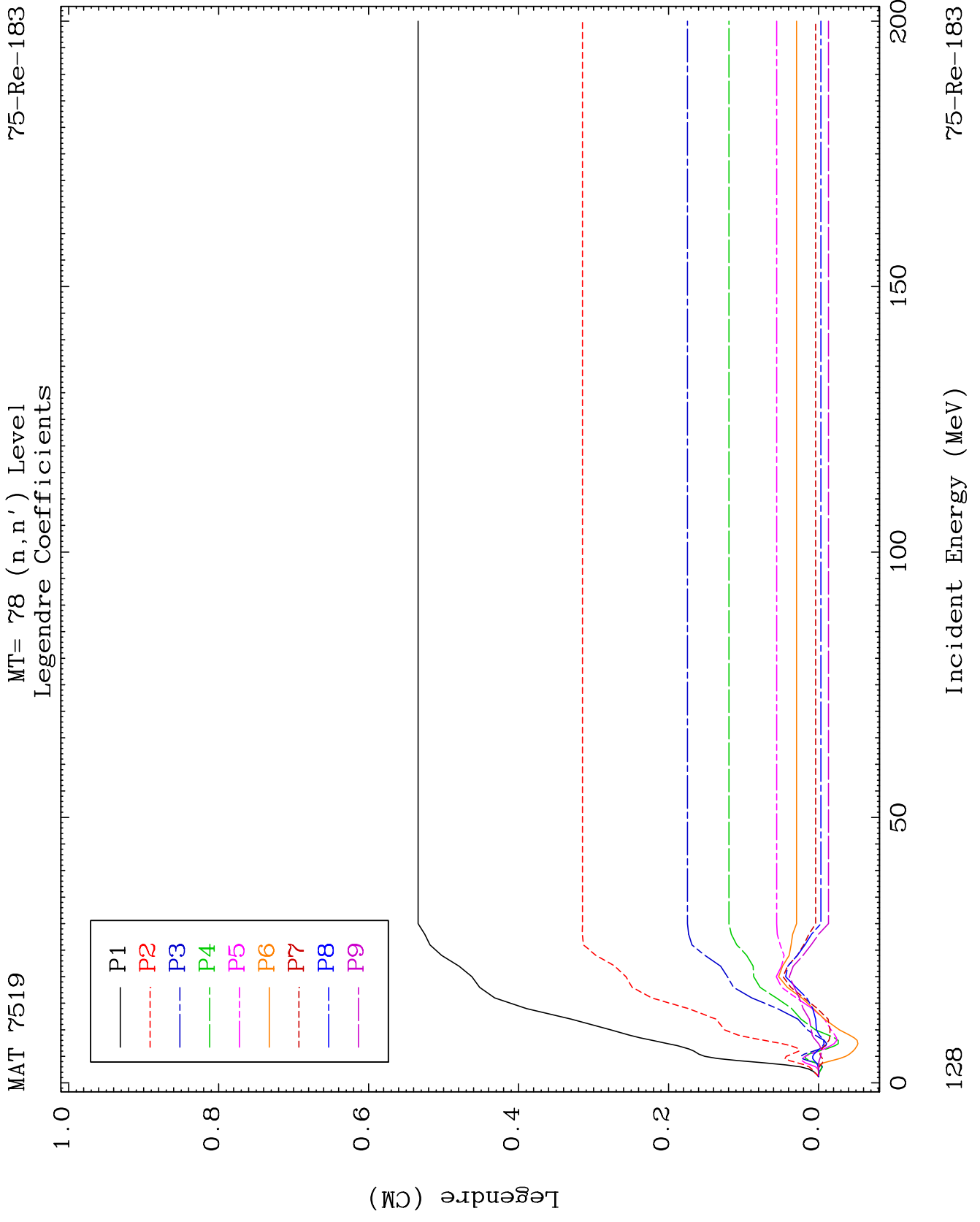
Incident Energy (MeV)

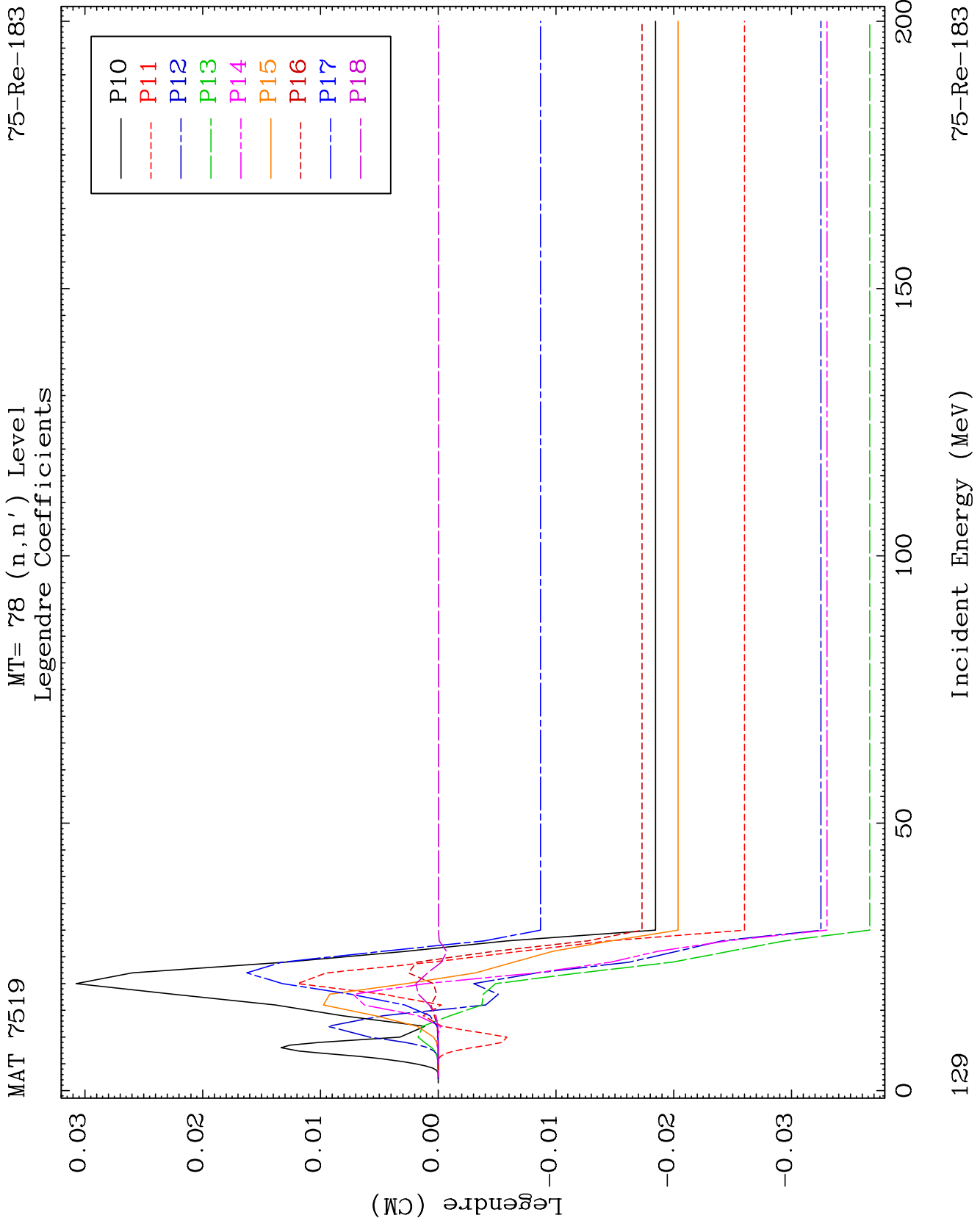
75-Re-183







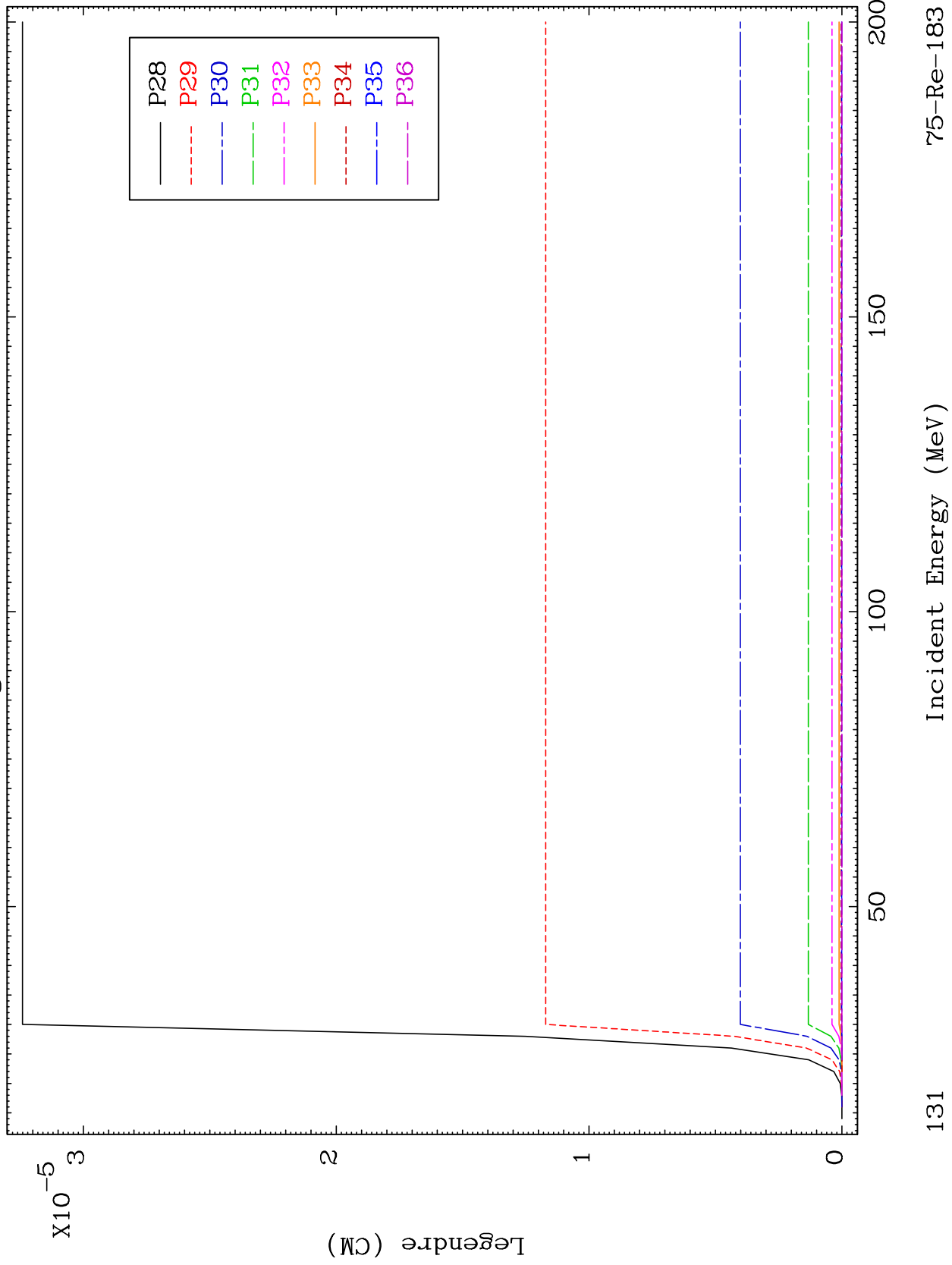




MAT 7519

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

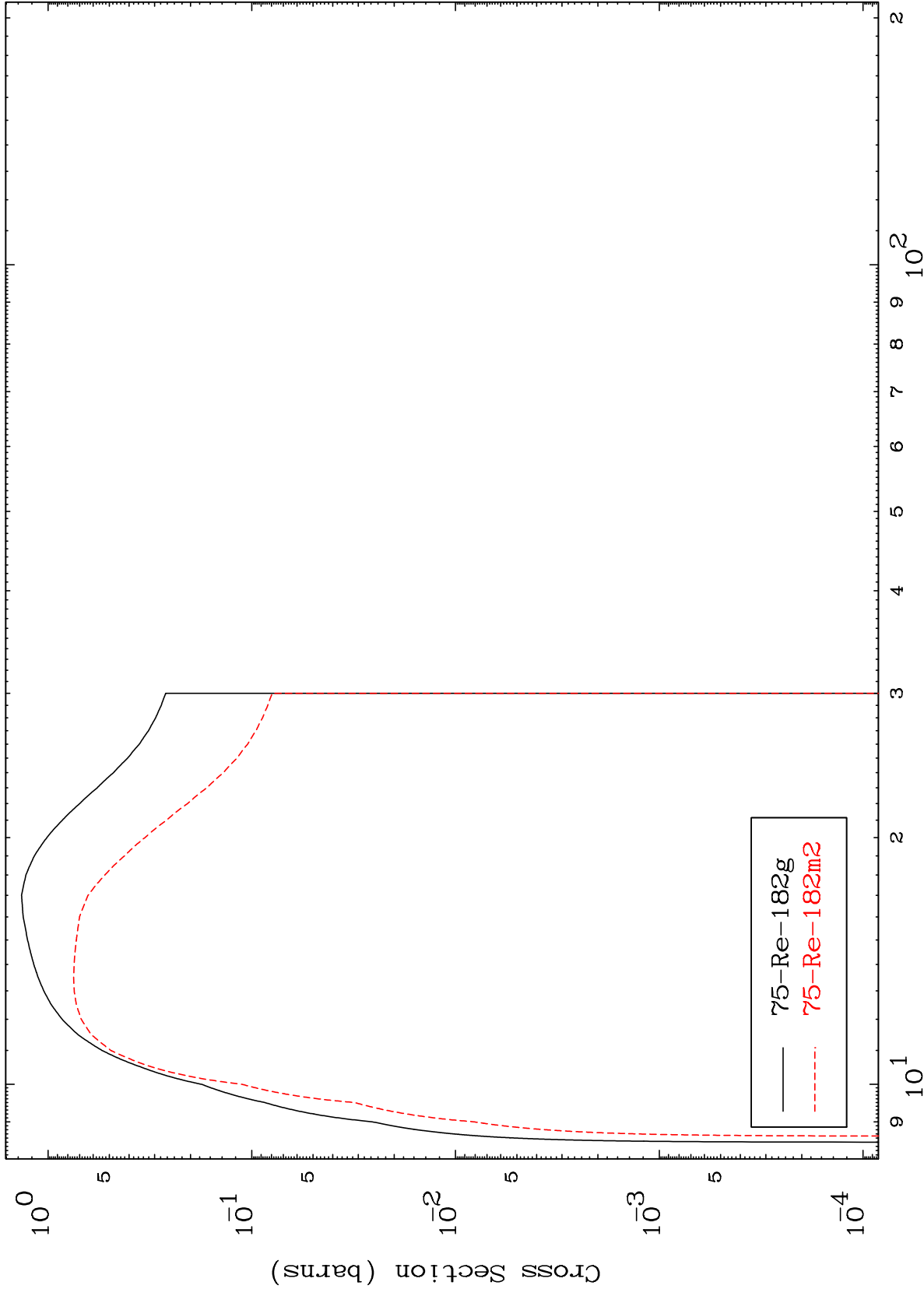
75-Re-183



MAT 7519

75-Re-183

(n,2n)
Radionuclide Production Cross Section



75-Re-183

Incident Energy (MeV)

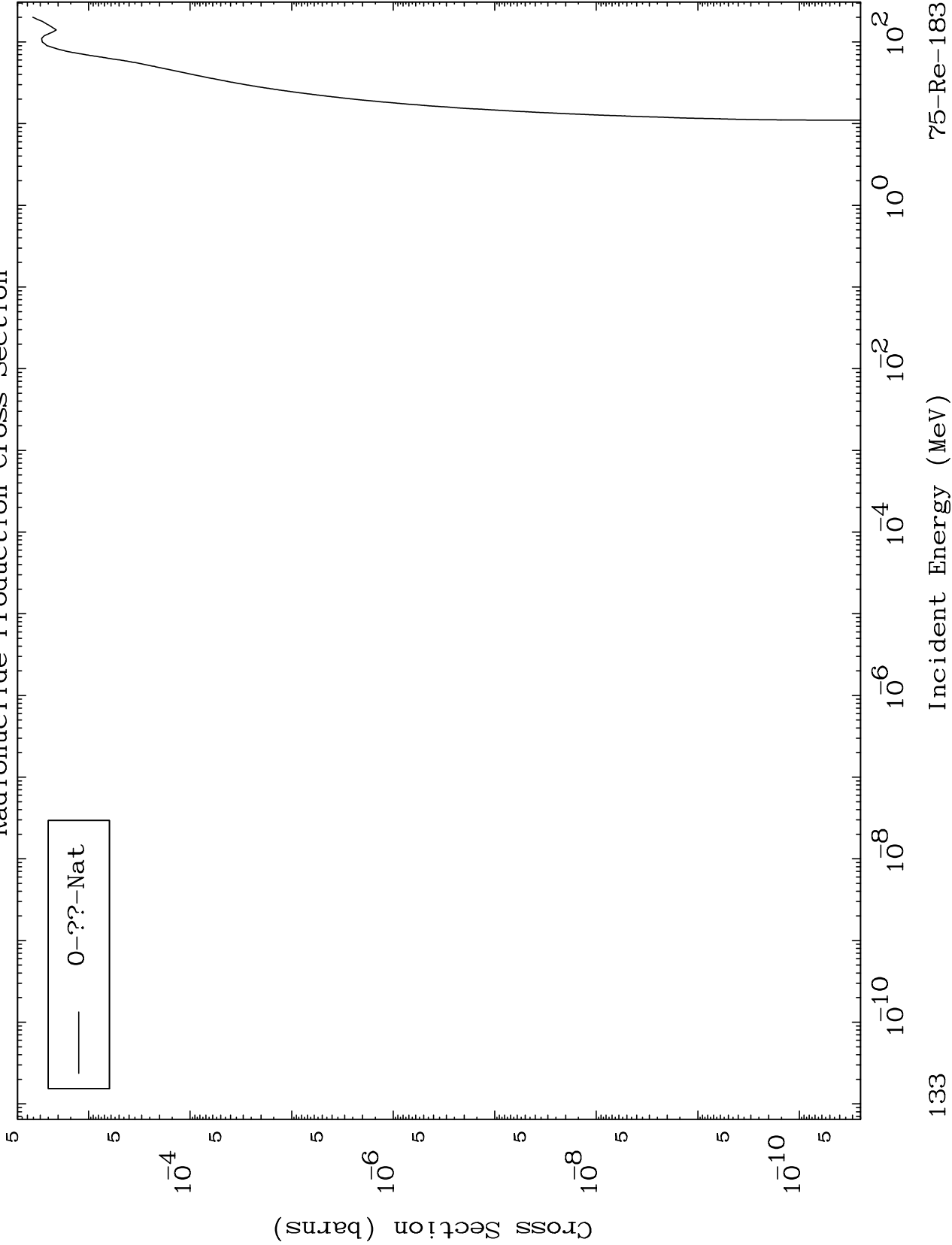
132

MAT 7519

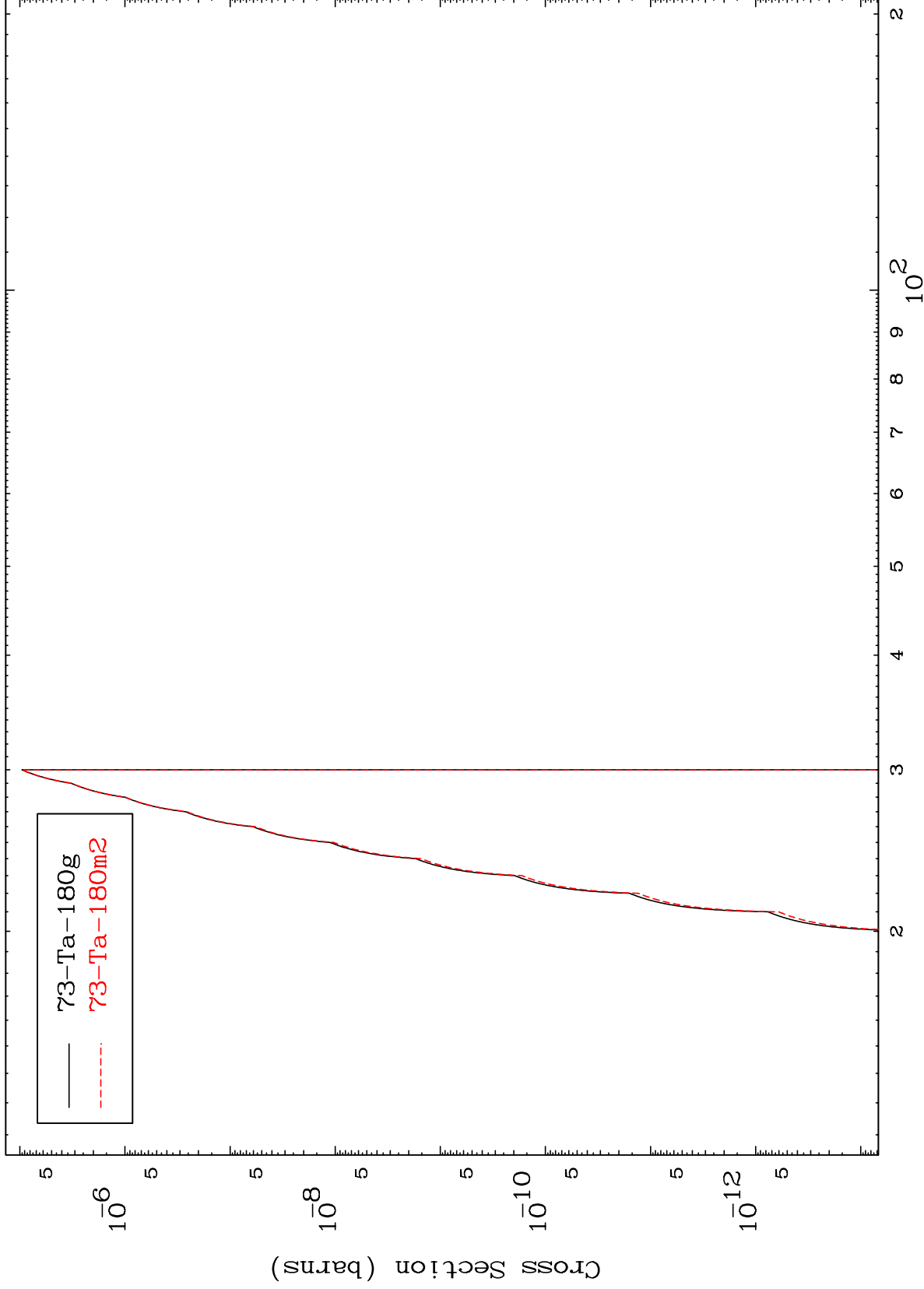
Fission

⁷⁵Re-183

Radionuclide Production Cross Section



Radionuclide Production Cross Section

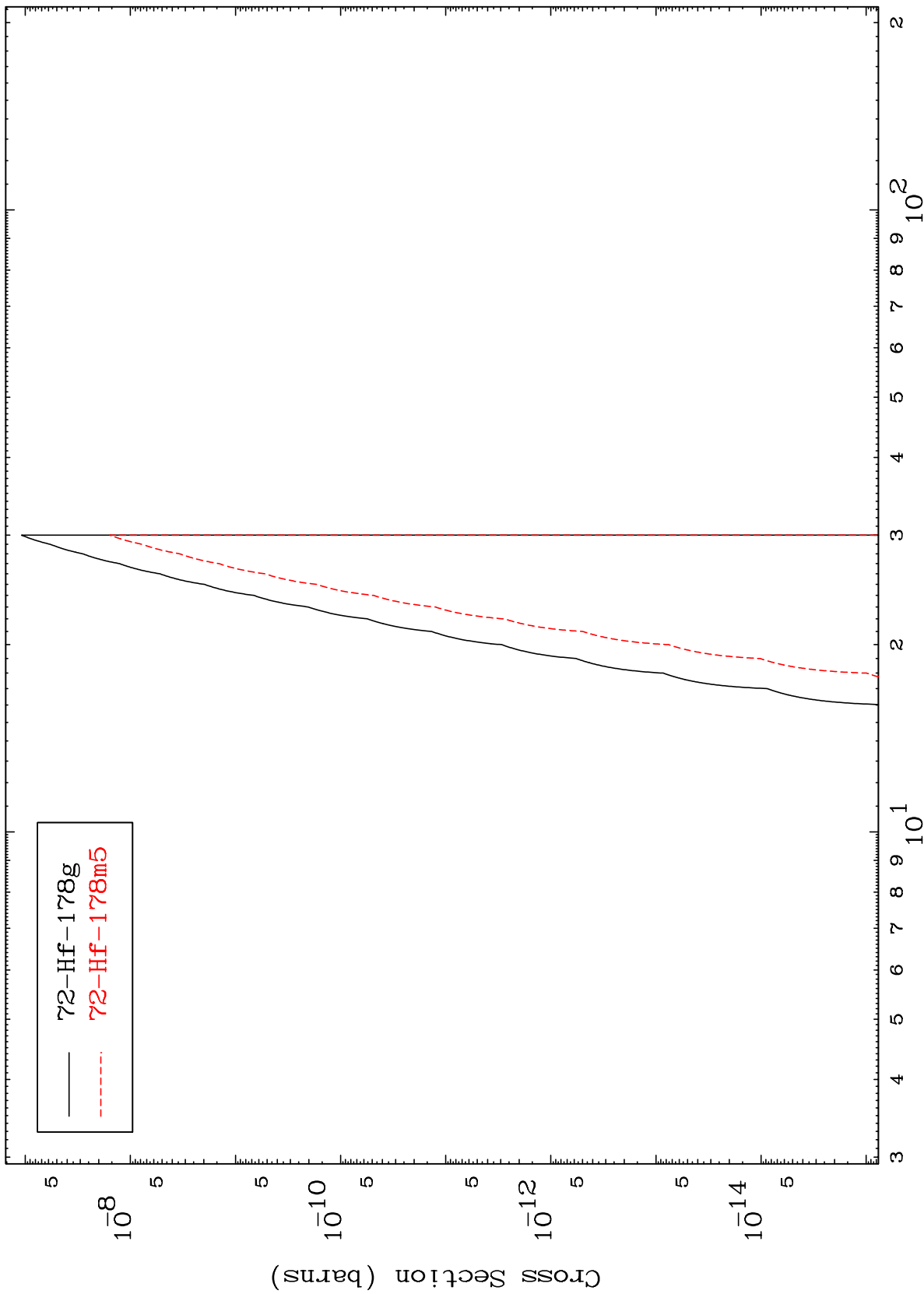


MAT 7519

(n,n') p α

75-Re-183

Radionuclide Production Cross Section



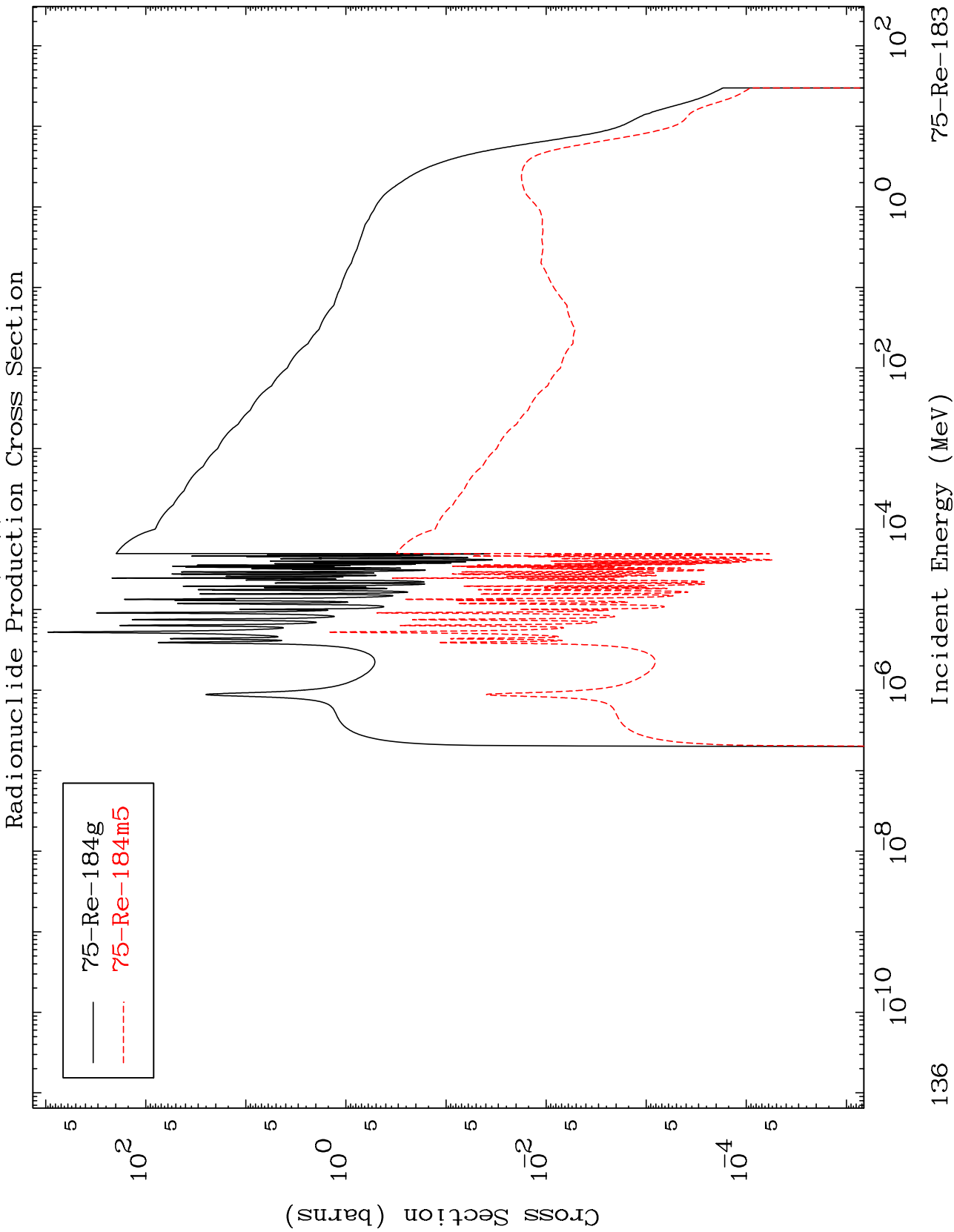
135

Incident Energy (MeV)

75-Re-183

MAT 7519

75-Re-183

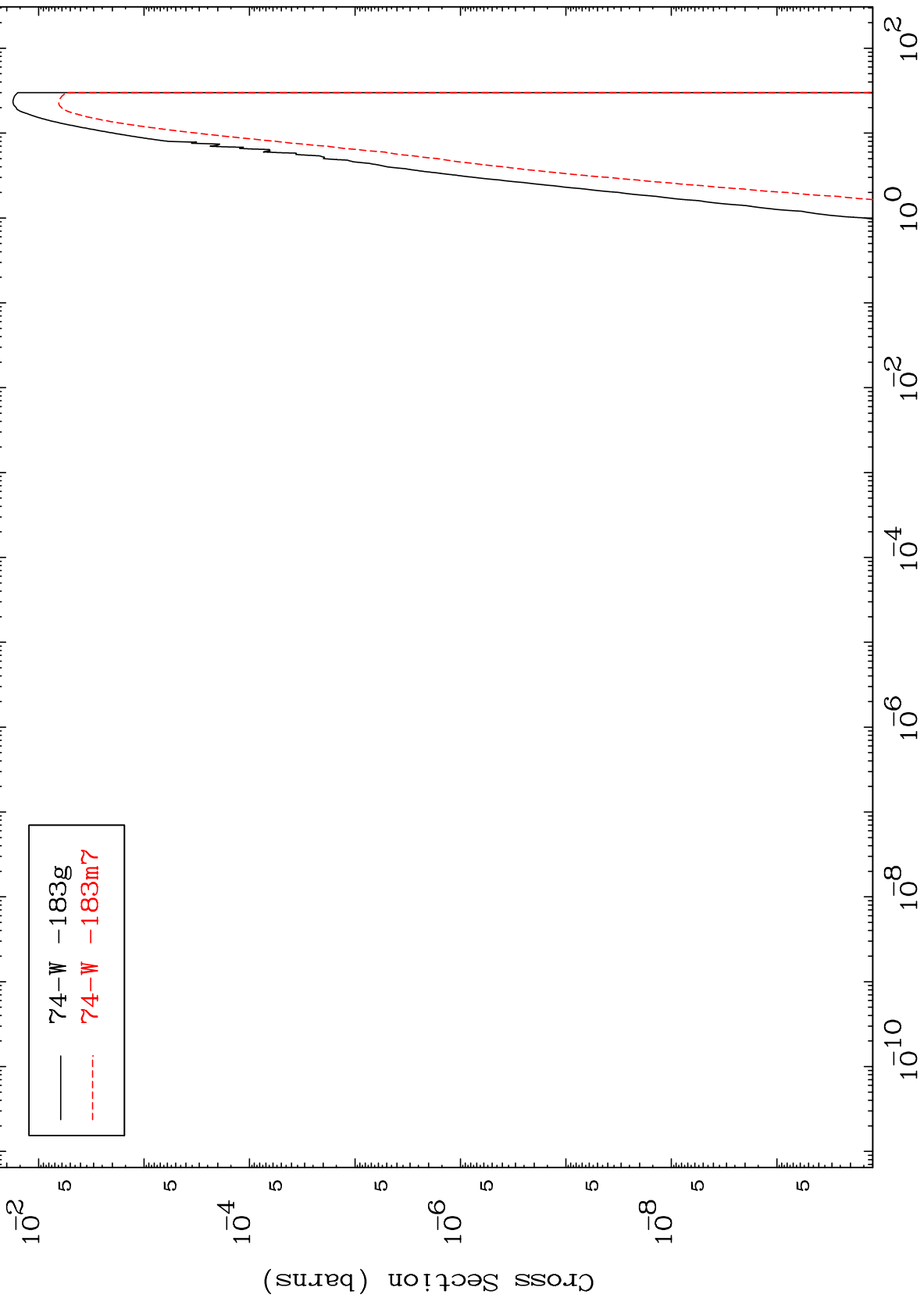


MAT 7519

(n,p)

75-Re-183

Radionuclide Production Cross Section

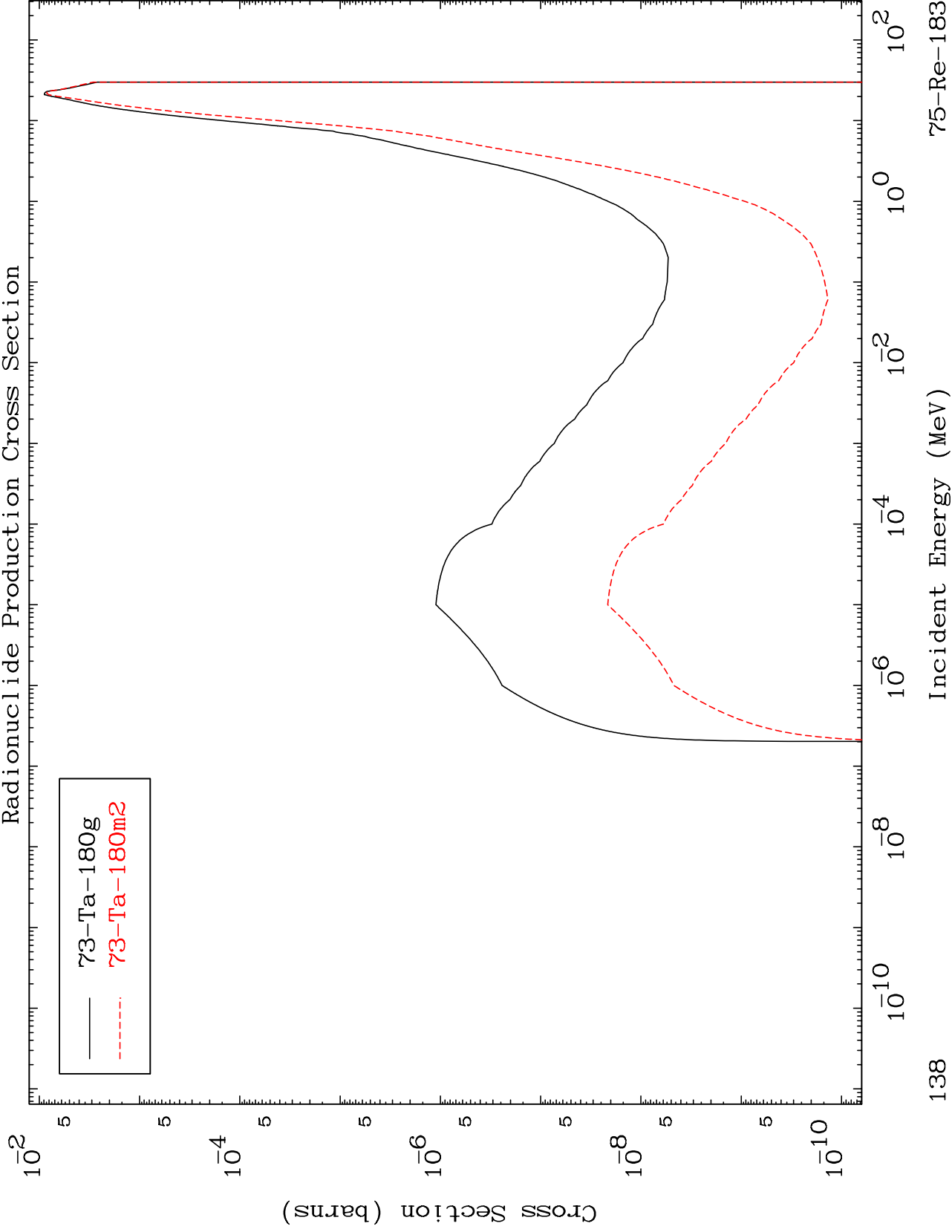


MAT 7519

(n, α)

75-Re-183

Radionuclide Production Cross Section



138

Incident Energy (MeV)

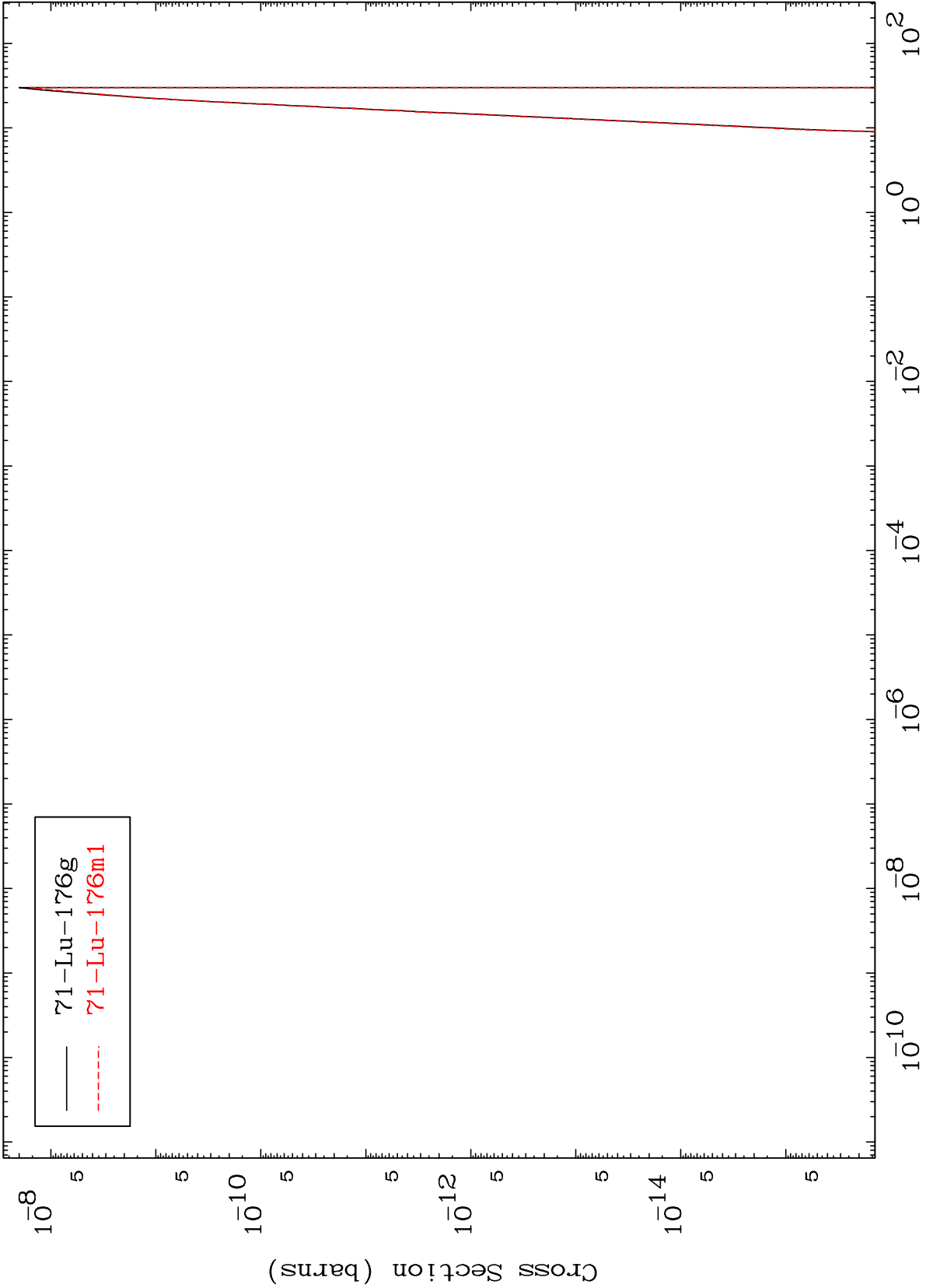
75-Re-183

MAT 7519

(n,2α)

75-Re-183

Radionuclide Production Cross Section

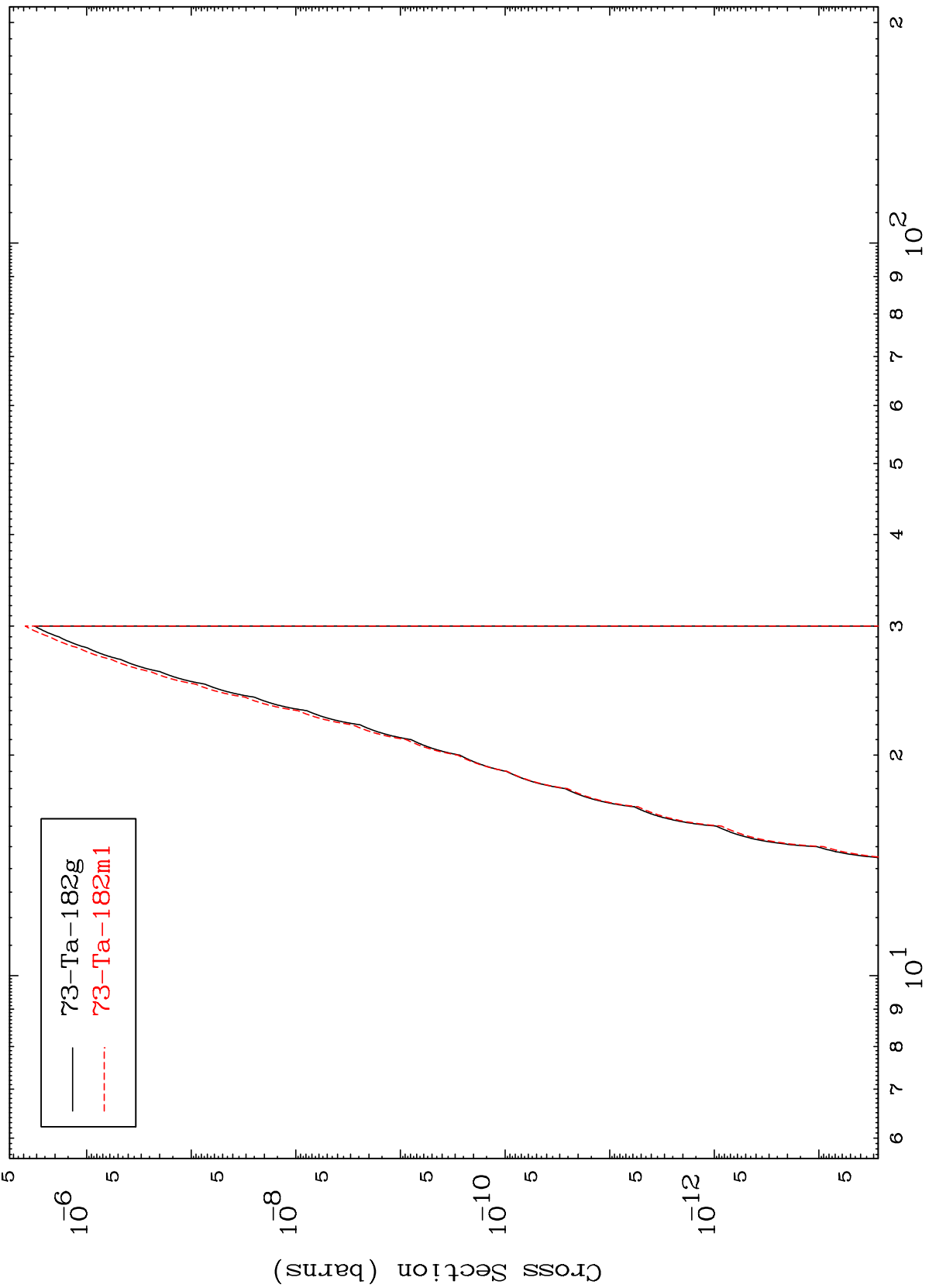


71-Lu-176g
71-Lu-176m1

MAT 7519

75-Re-183

(n,2p)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

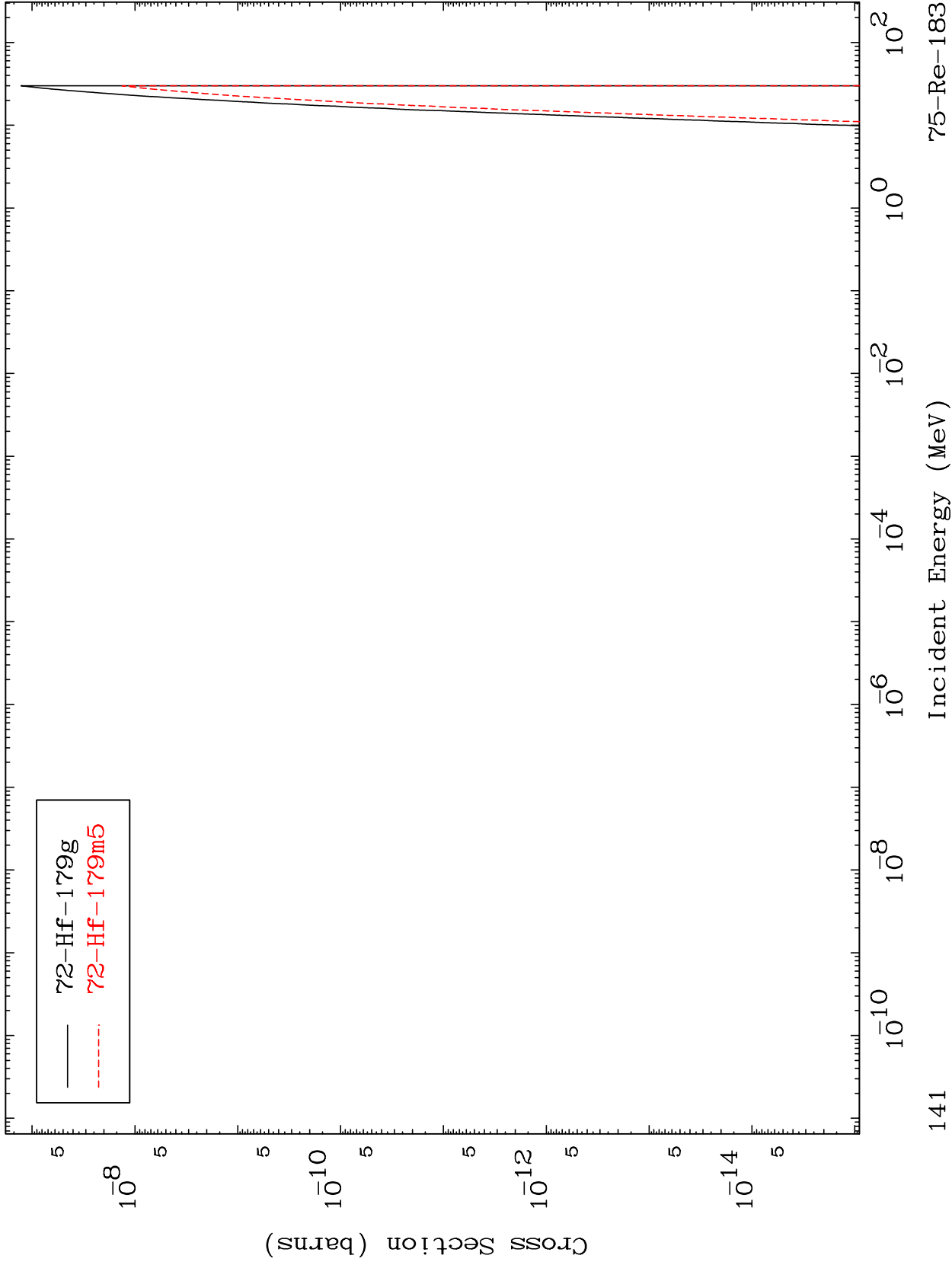
75-Re-183

MAT 7519

(n,p) α

75-Re-183

Radionuclide Production Cross Section

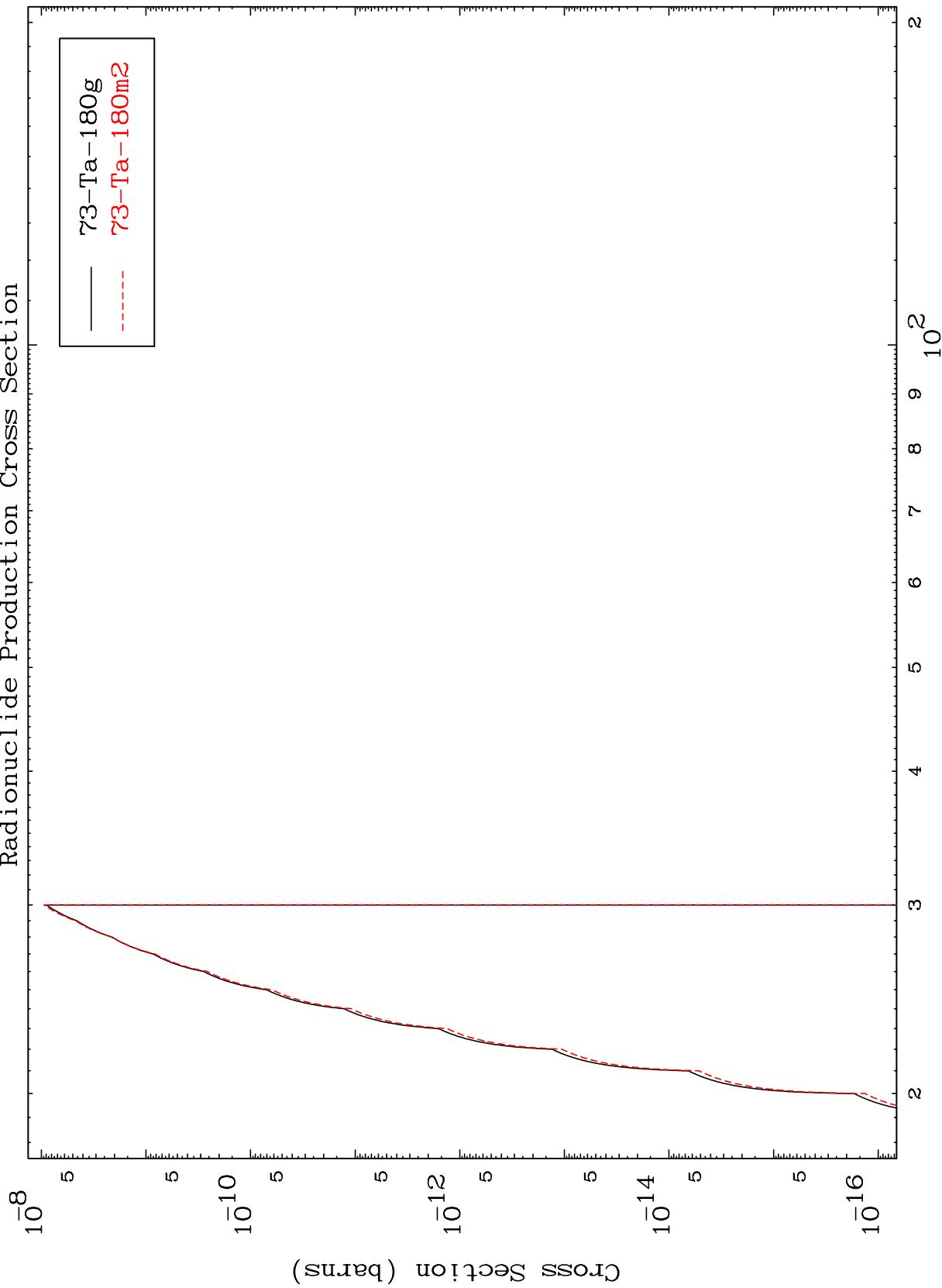


MAT 7519

(n,p) t

75-Re-183

Radionuclide Production Cross Section



142

Incident Energy (MeV)

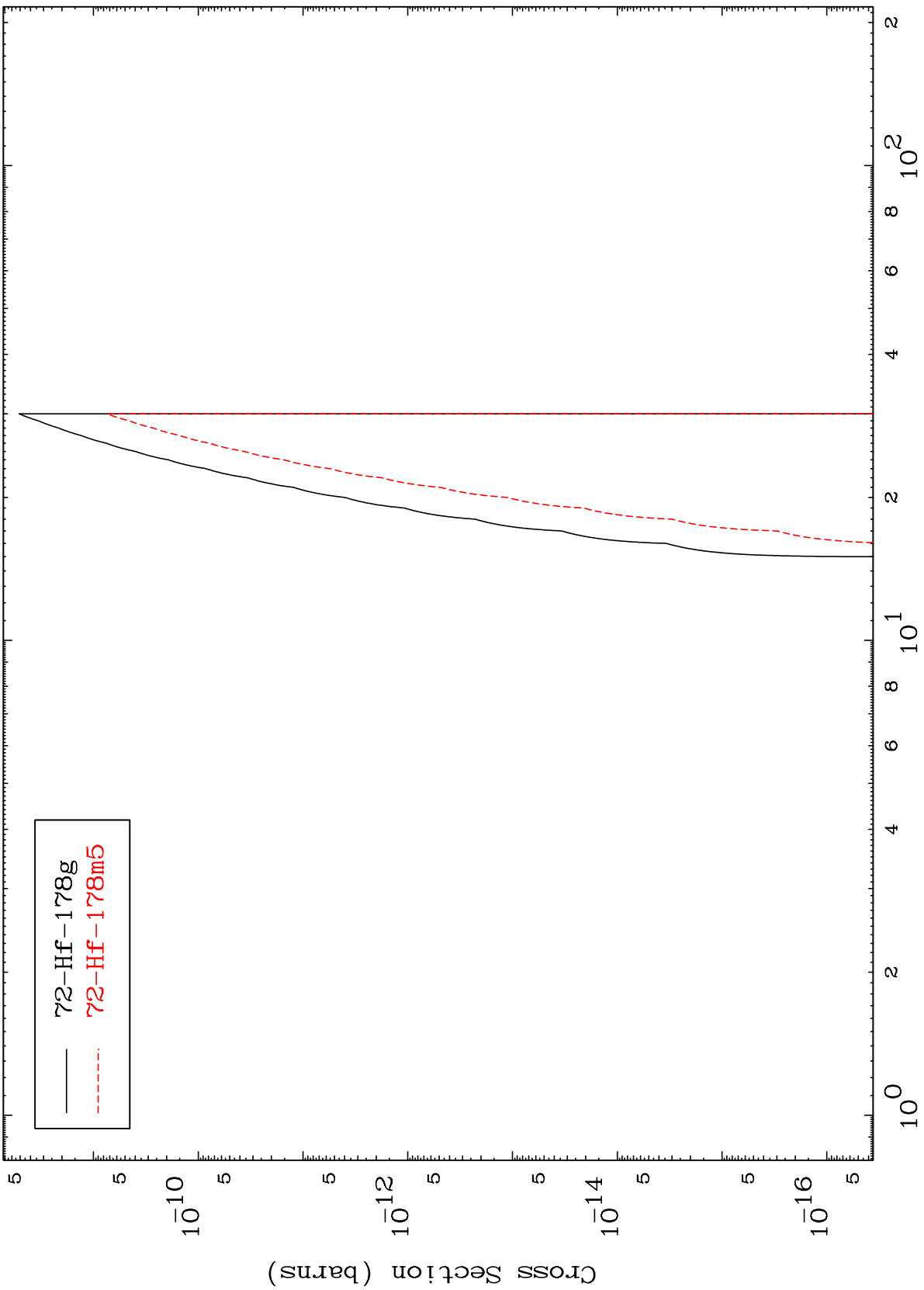
75-Re-183

MAT 7519

(n,d) α

75-Re-183

Radionuclide Production Cross Section



143

Incident Energy (MeV)

75-Re-183