

Program EVALPLOT
(Version 2021-1)

by

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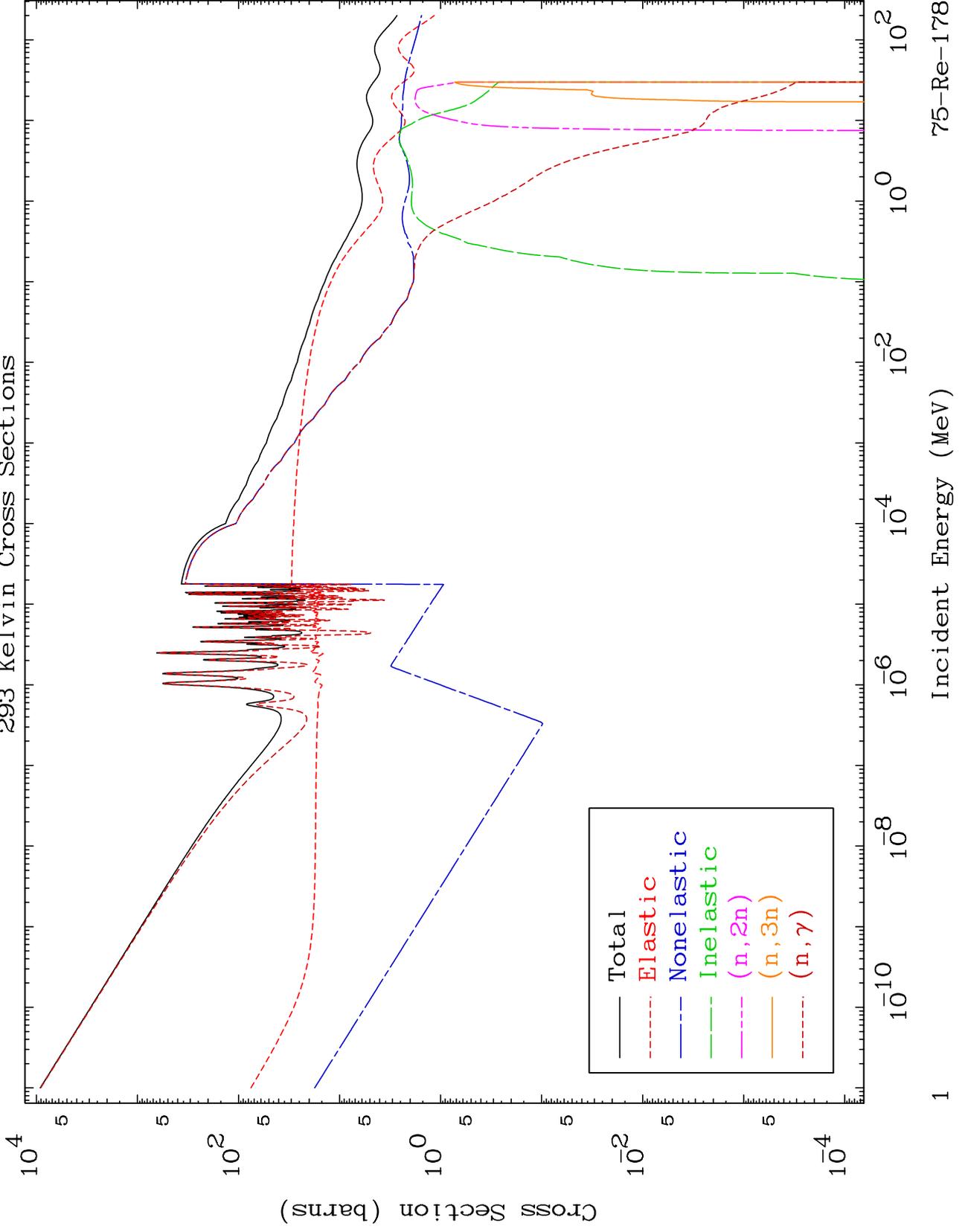
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Press Mouse Button to Start

MAT 7504

Neutron Major
293 Kelvin Cross Sections

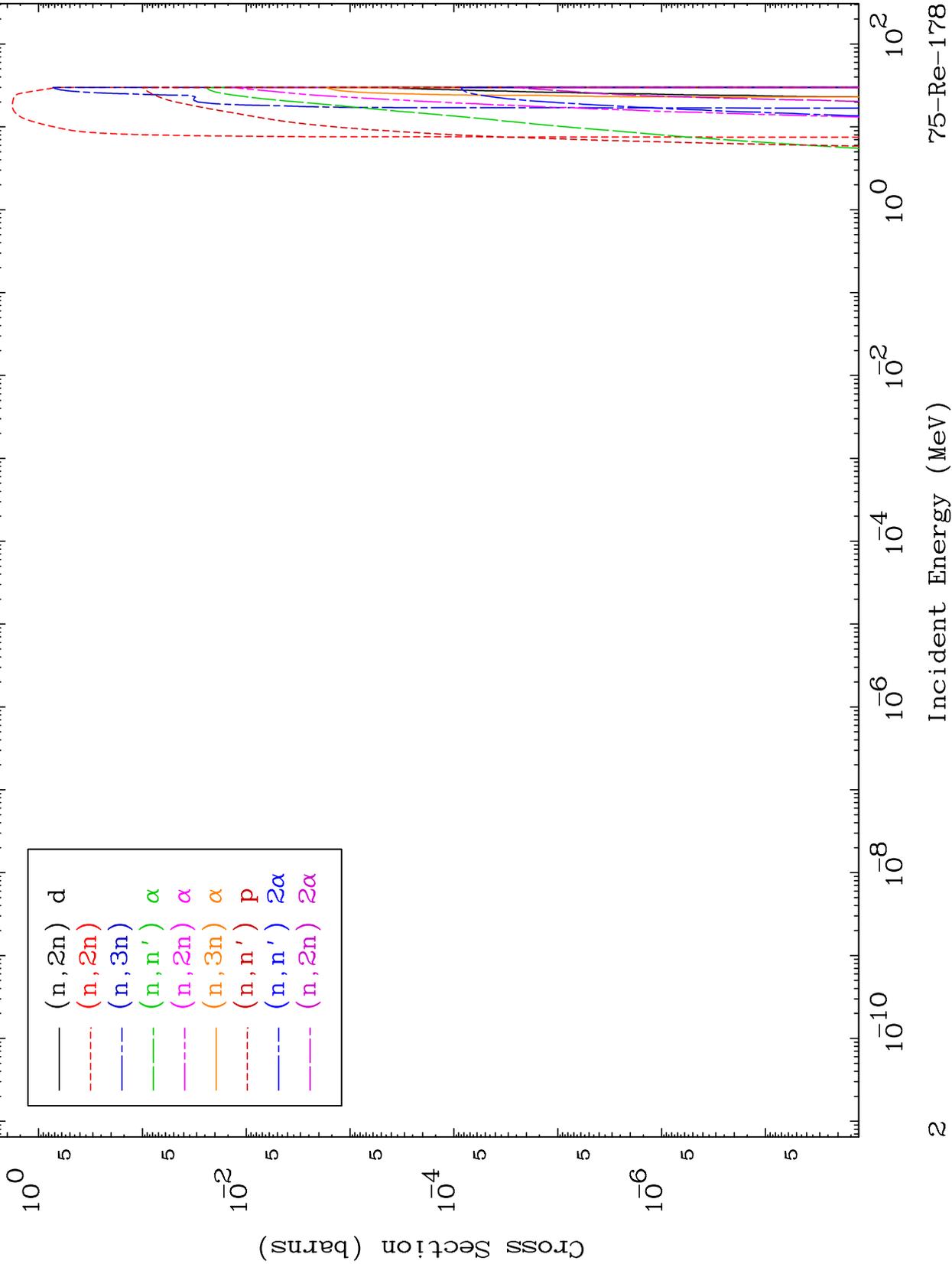
75-Re-178



MAT 7504

Neutron Absorption
293 Kelvin Cross Sections

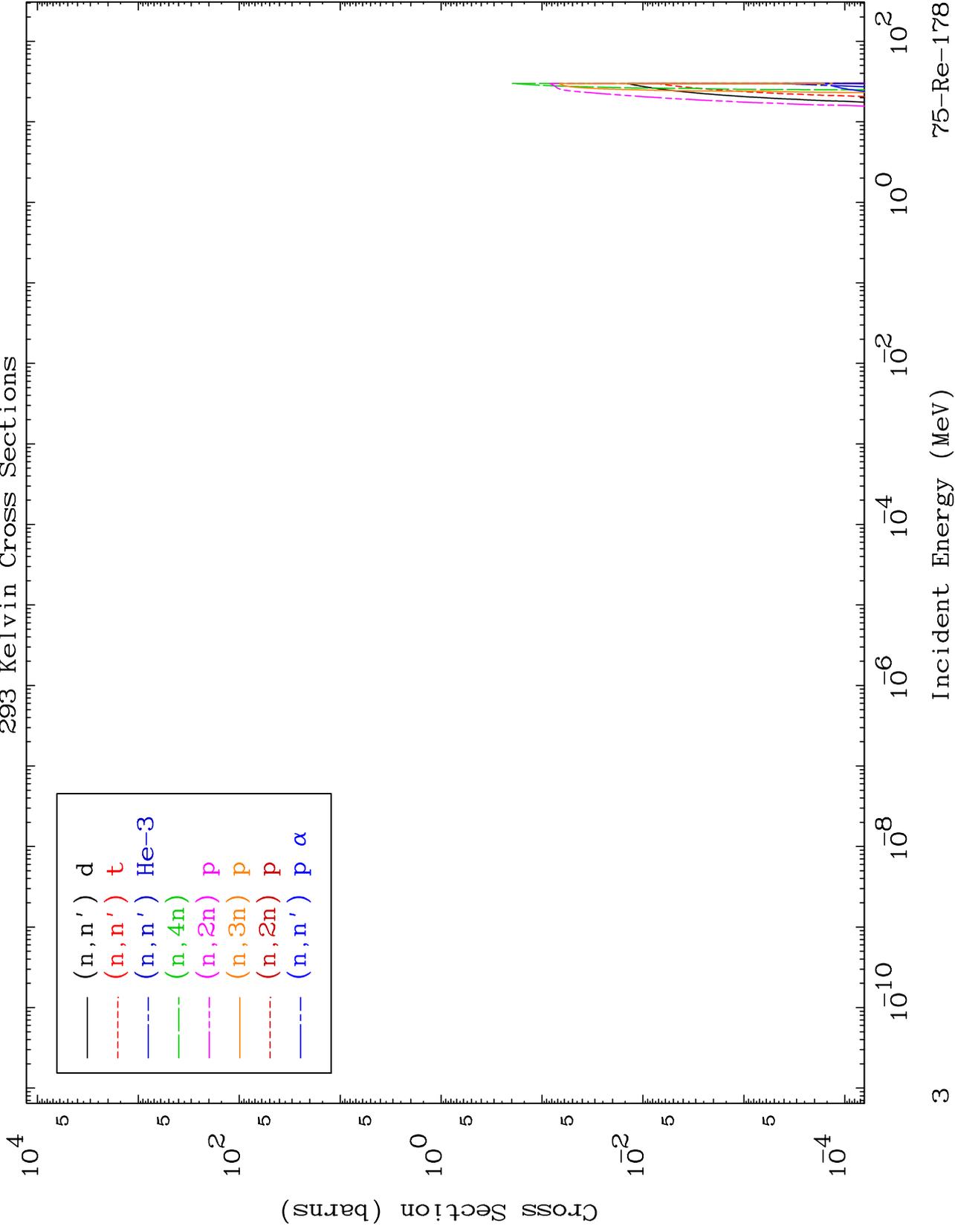
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MAT 7504

Neutron Absorption
293 Kelvin Cross Sections

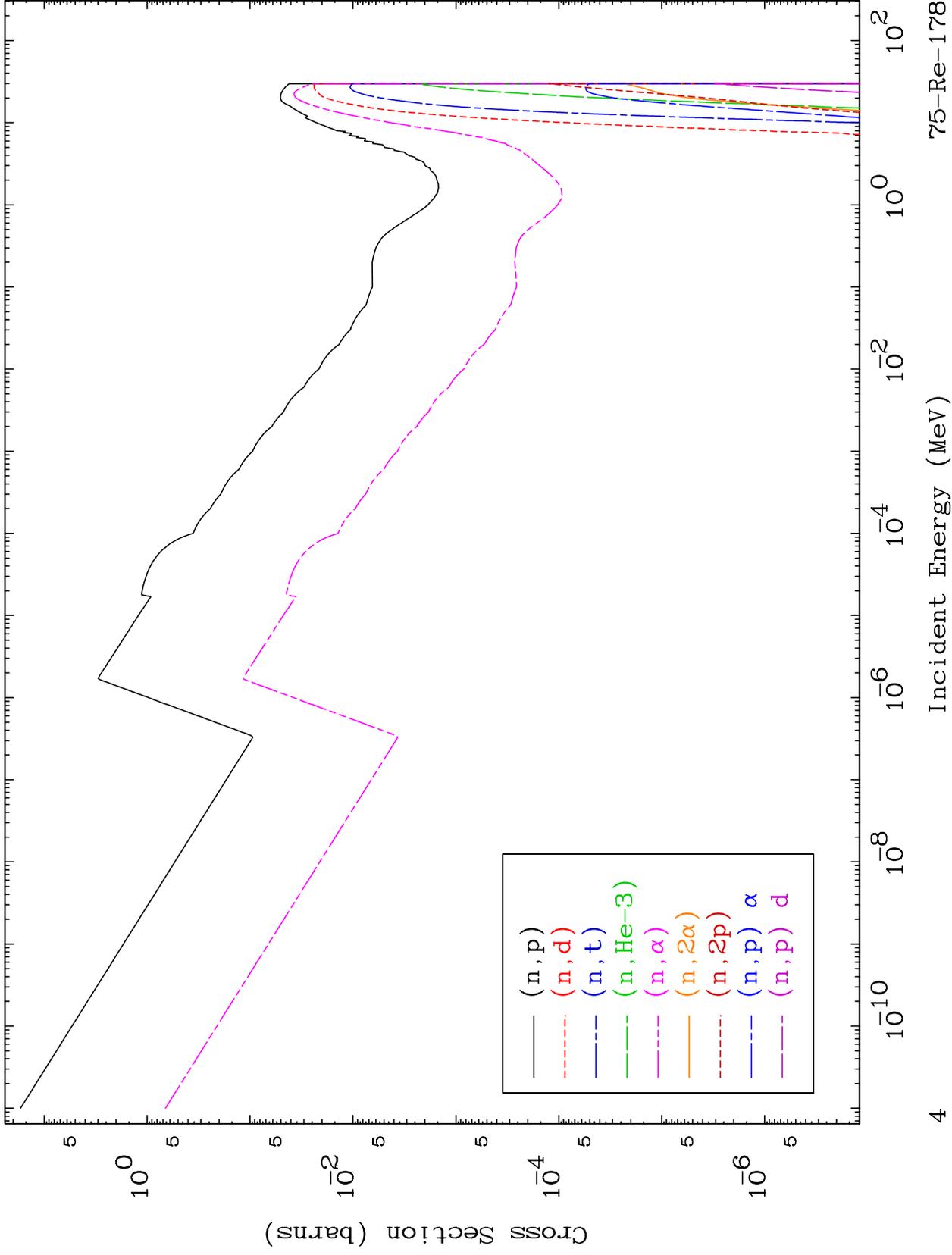
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MAT 7504

Neutron Absorption
293 Kelvin Cross Sections

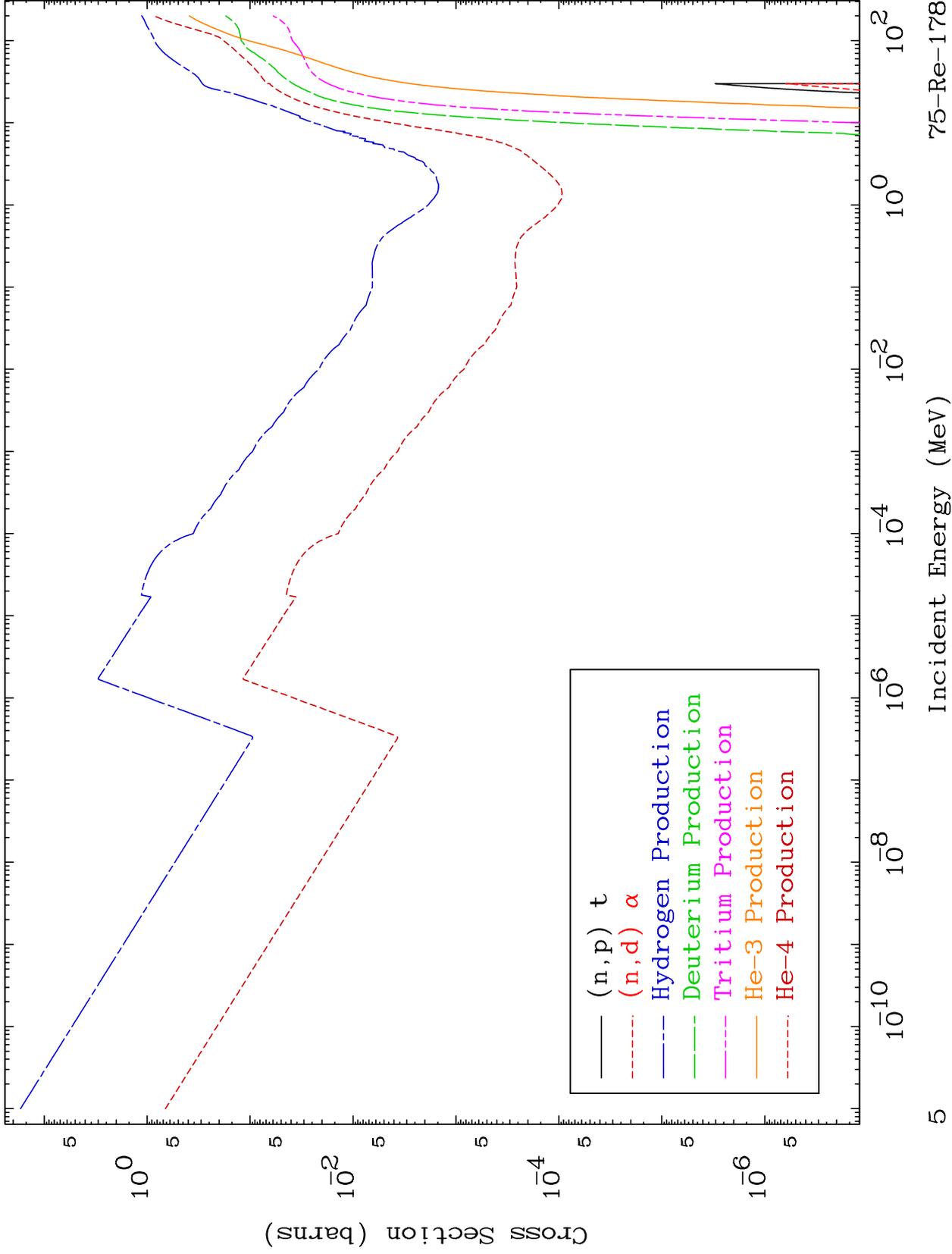
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MAT 7504

Neutron Absorption
293 Kelvin Cross Sections

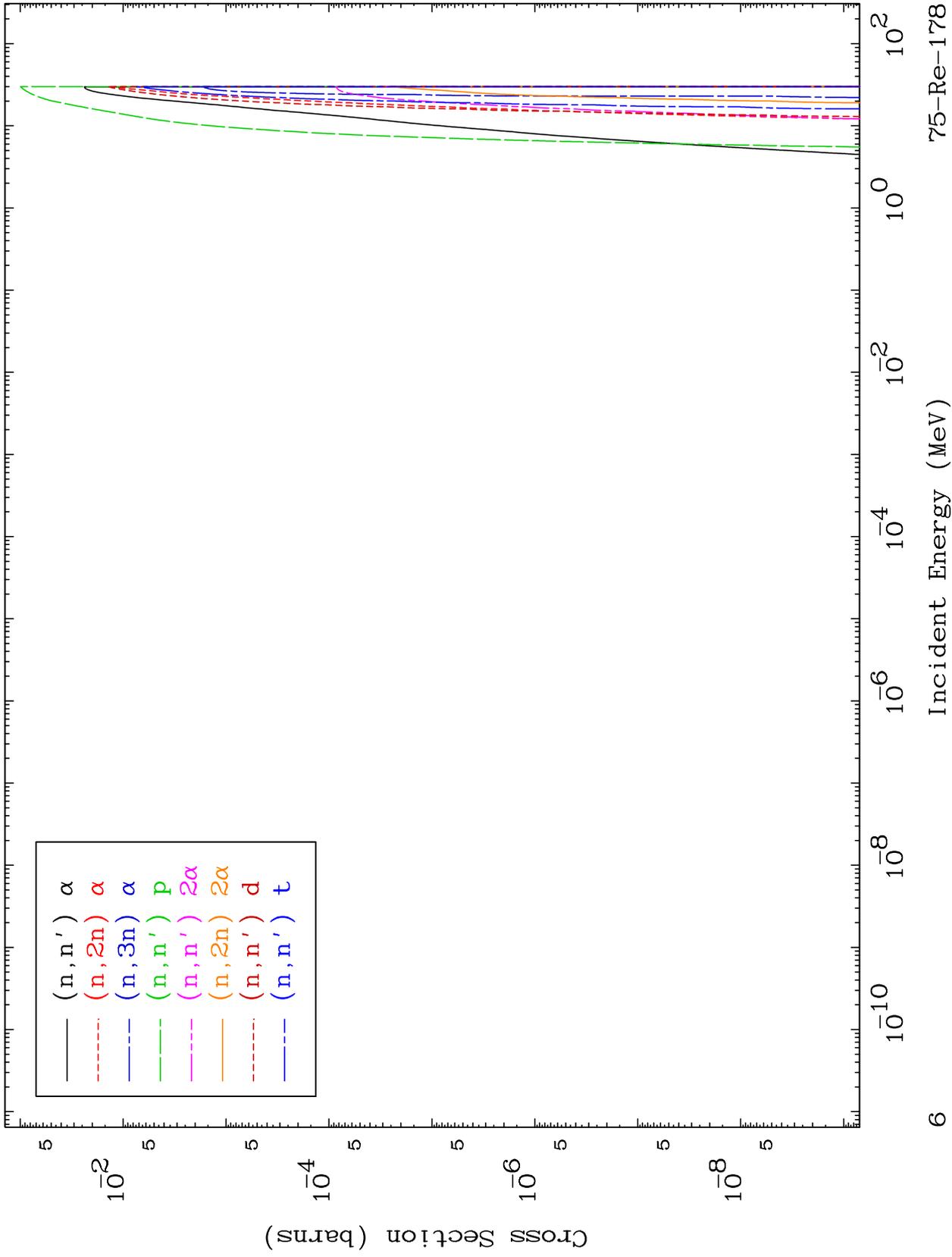
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MAT 7504

Charged Particle
293 Kelvin Cross Sections

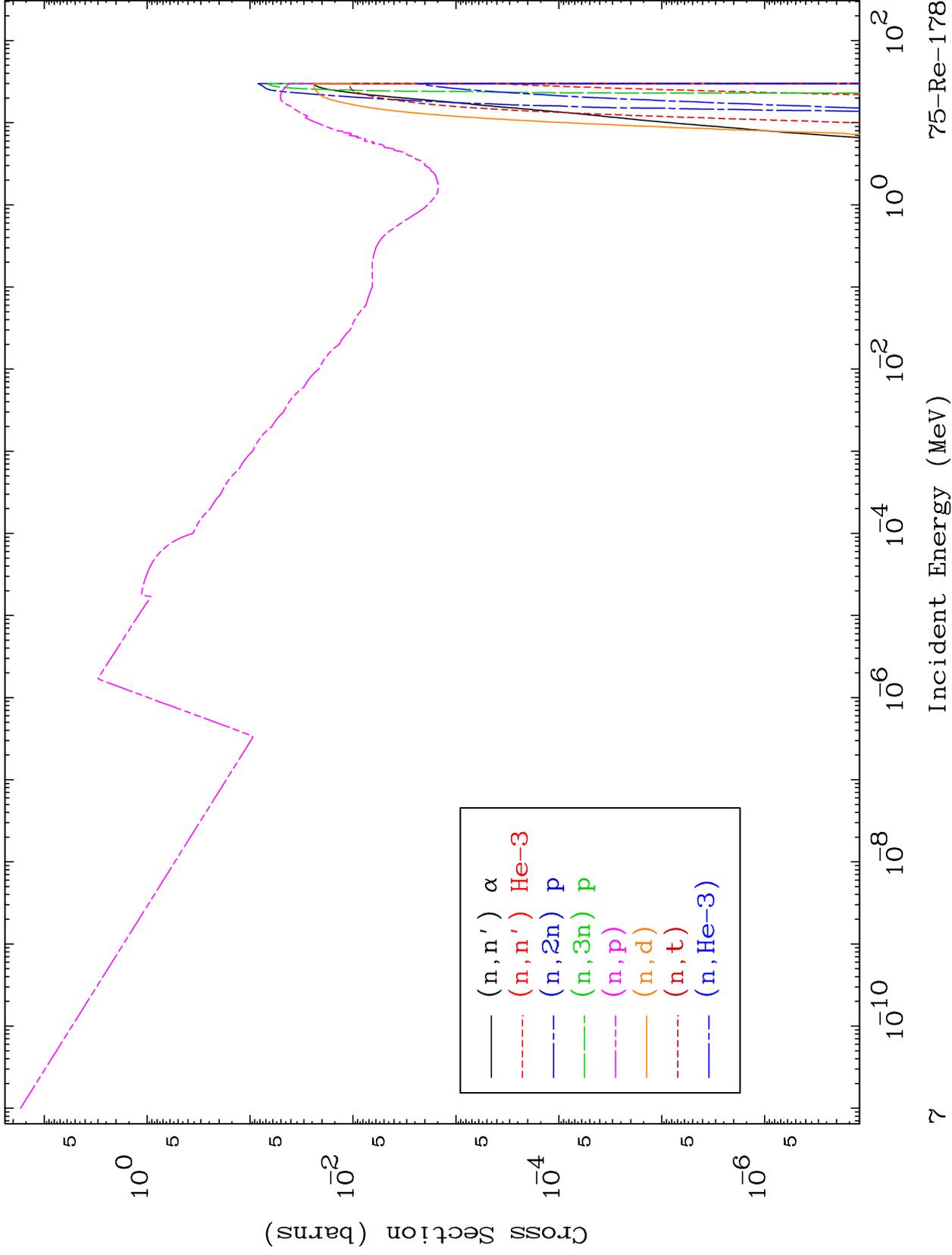
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MAT 7504

Charged Particle
293 Kelvin Cross Sections

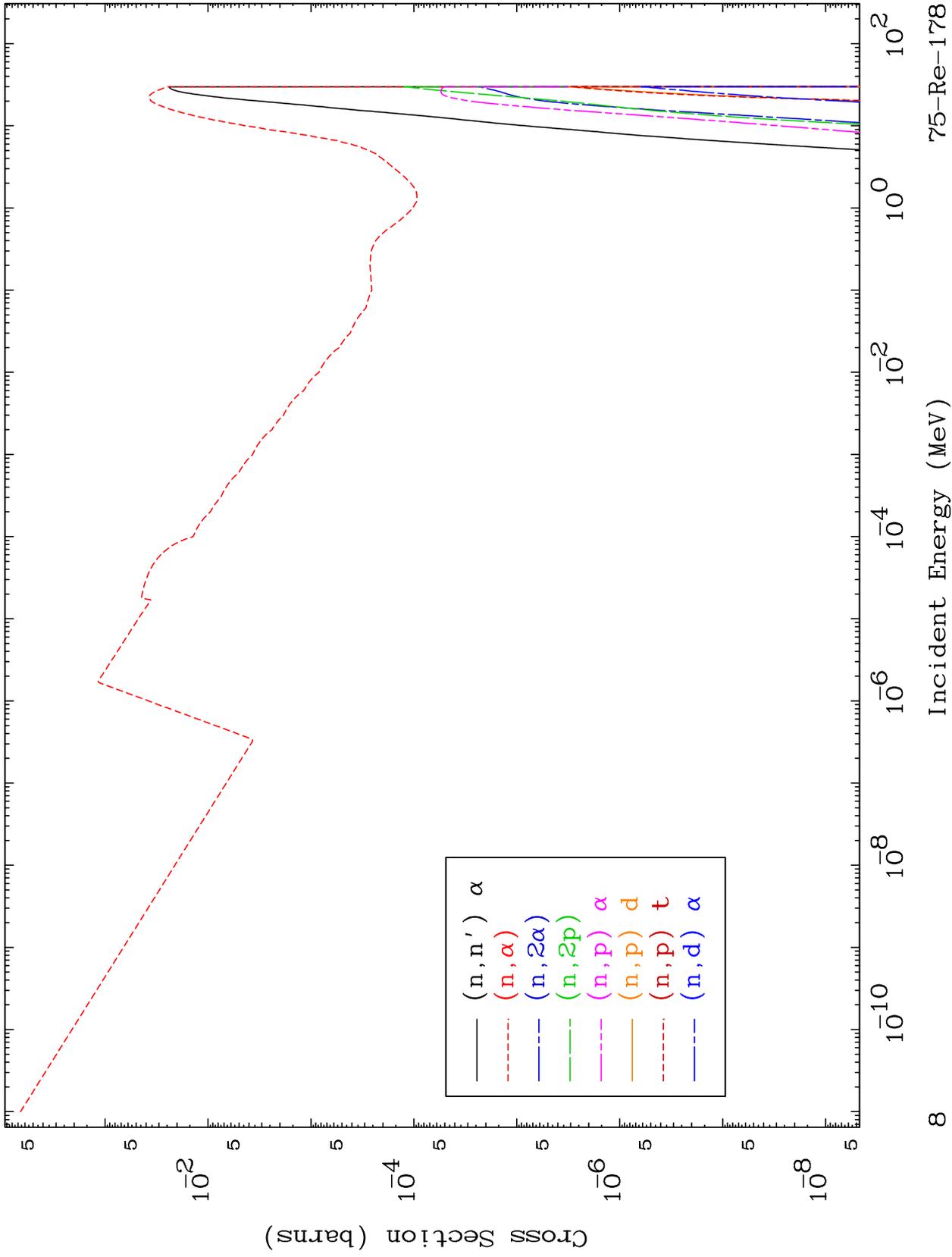
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MAT 7504

Charged Particle
293 Kelvin Cross Sections

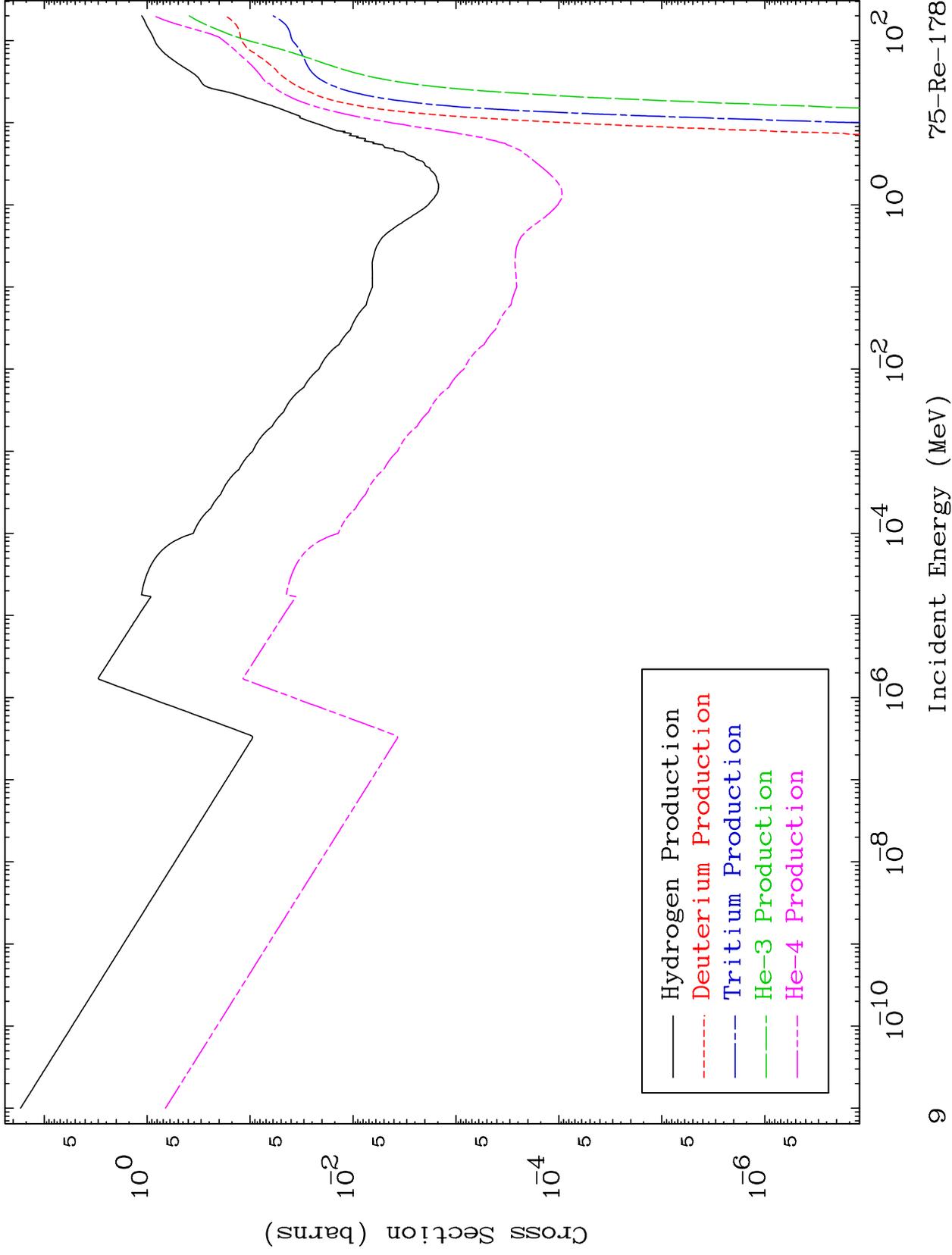
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MAT 7504

Particle Production
293 Kelvin Cross Sections

75-Re-178

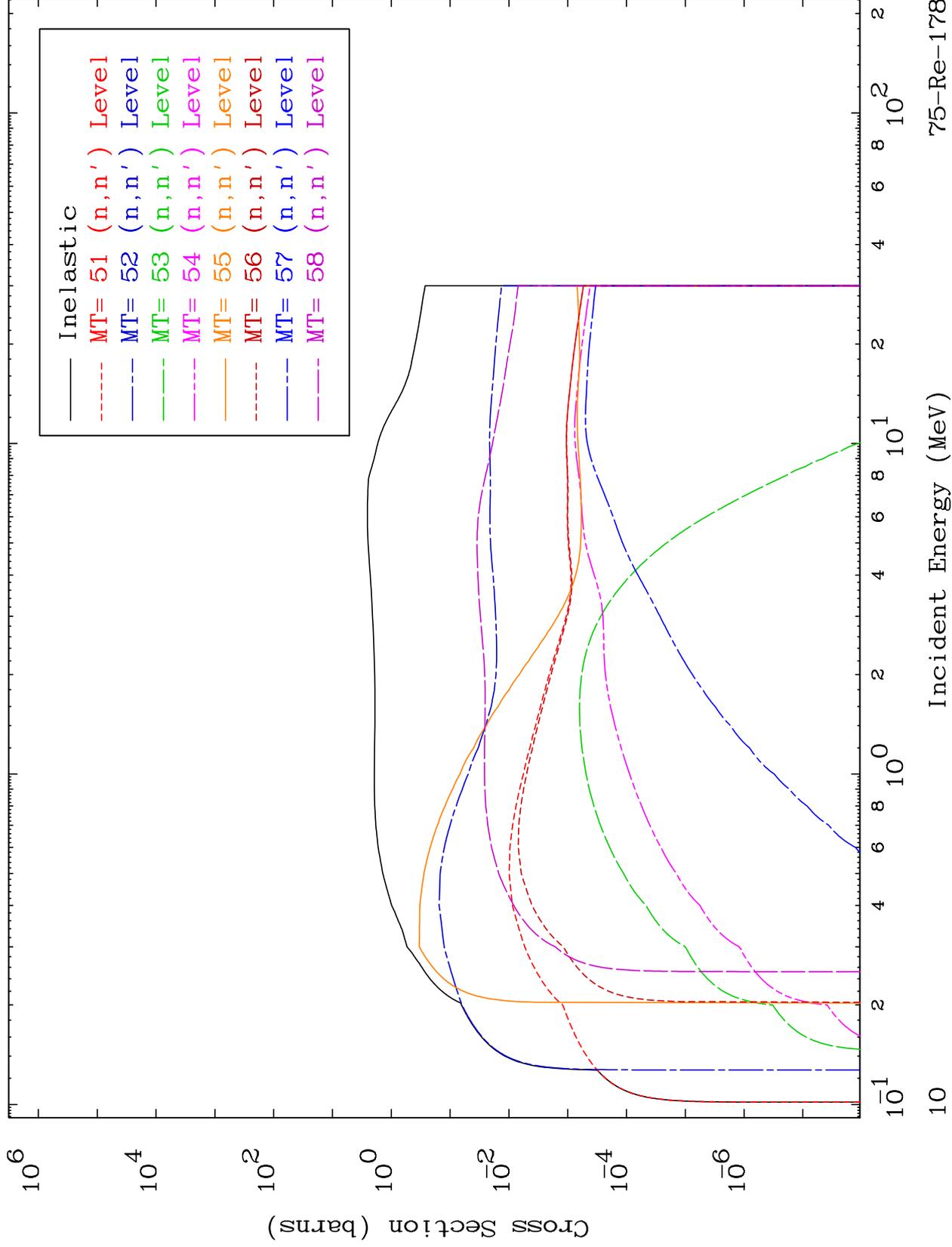


MAT 7504

(n,n') Levels

75-Re-178

293 Kelvin Cross Sections



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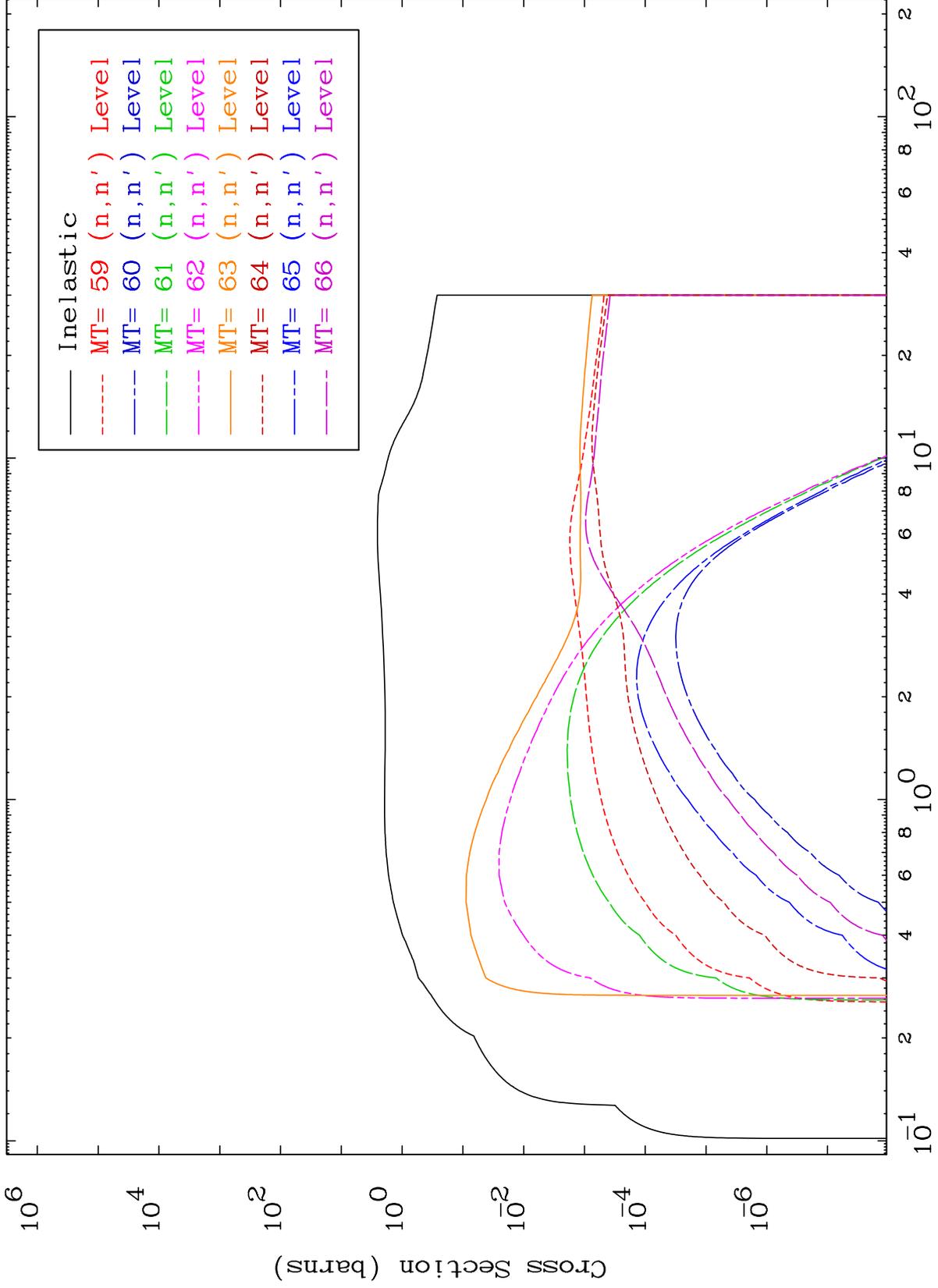
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MAT 7504

(n,n') Levels

75-Re-178

293 Kelvin Cross Sections



11

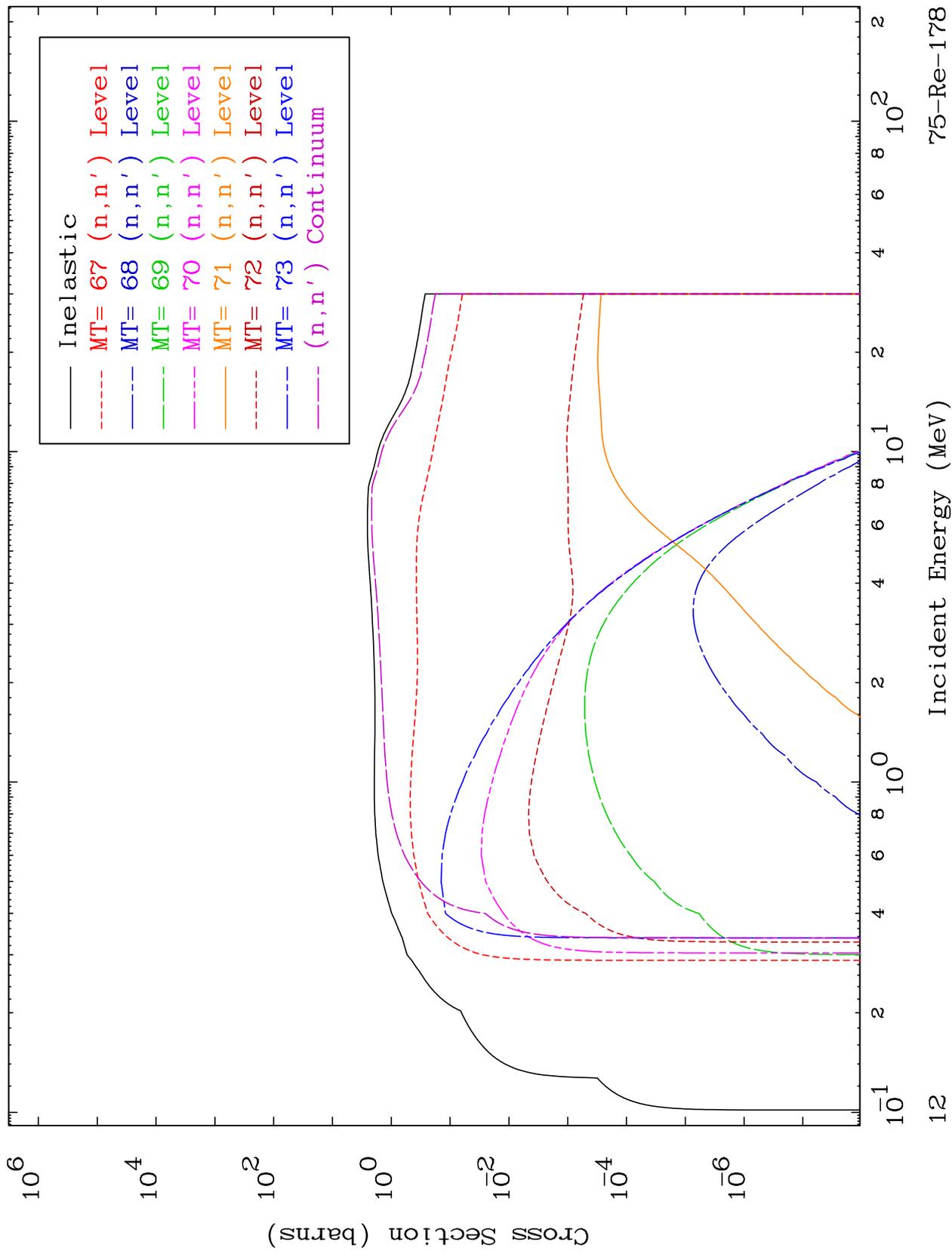
Incident Energy (MeV)

75-Re-178

MAT 7504

(n,n') Levels
293 Kelvin Cross Sections

75-Re-178



75-Re-178

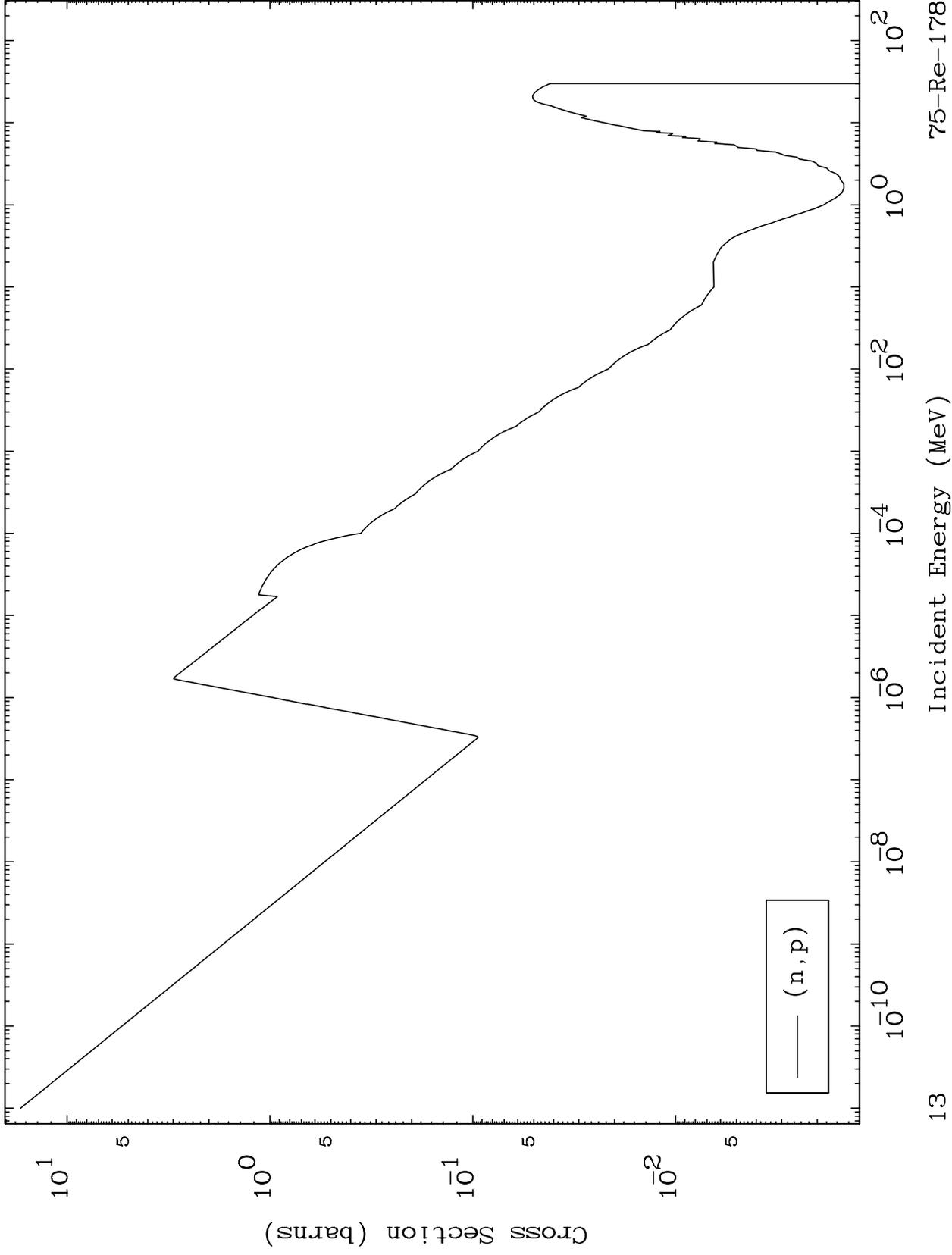
Incident Energy (MeV)

12

MAT 7504

(n,p) Levels
293 Kelvin Cross Sections

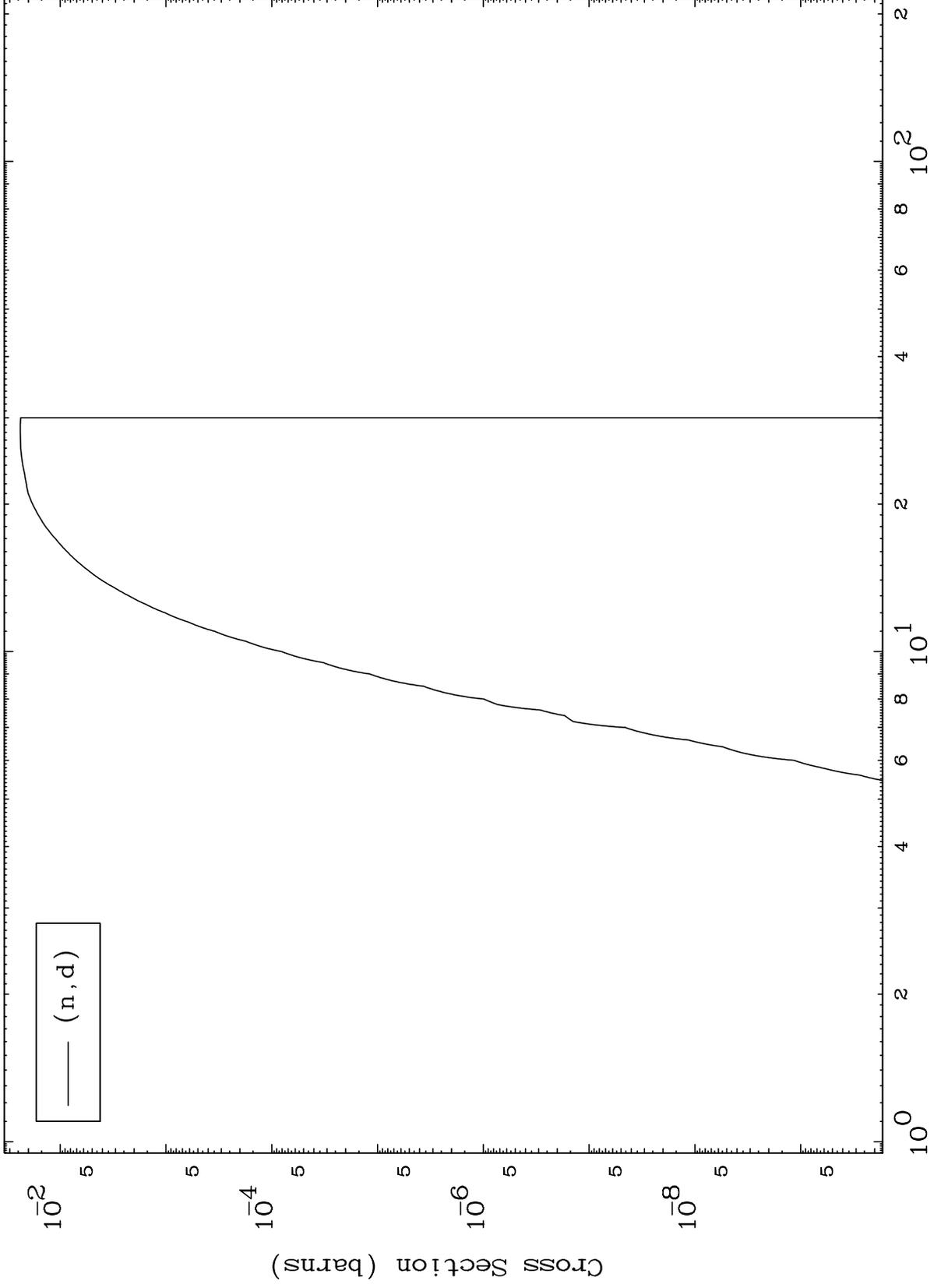
75-Re-178



MAT 7504

(n,d) Levels
293 Kelvin Cross Sections

75-Re-178



14

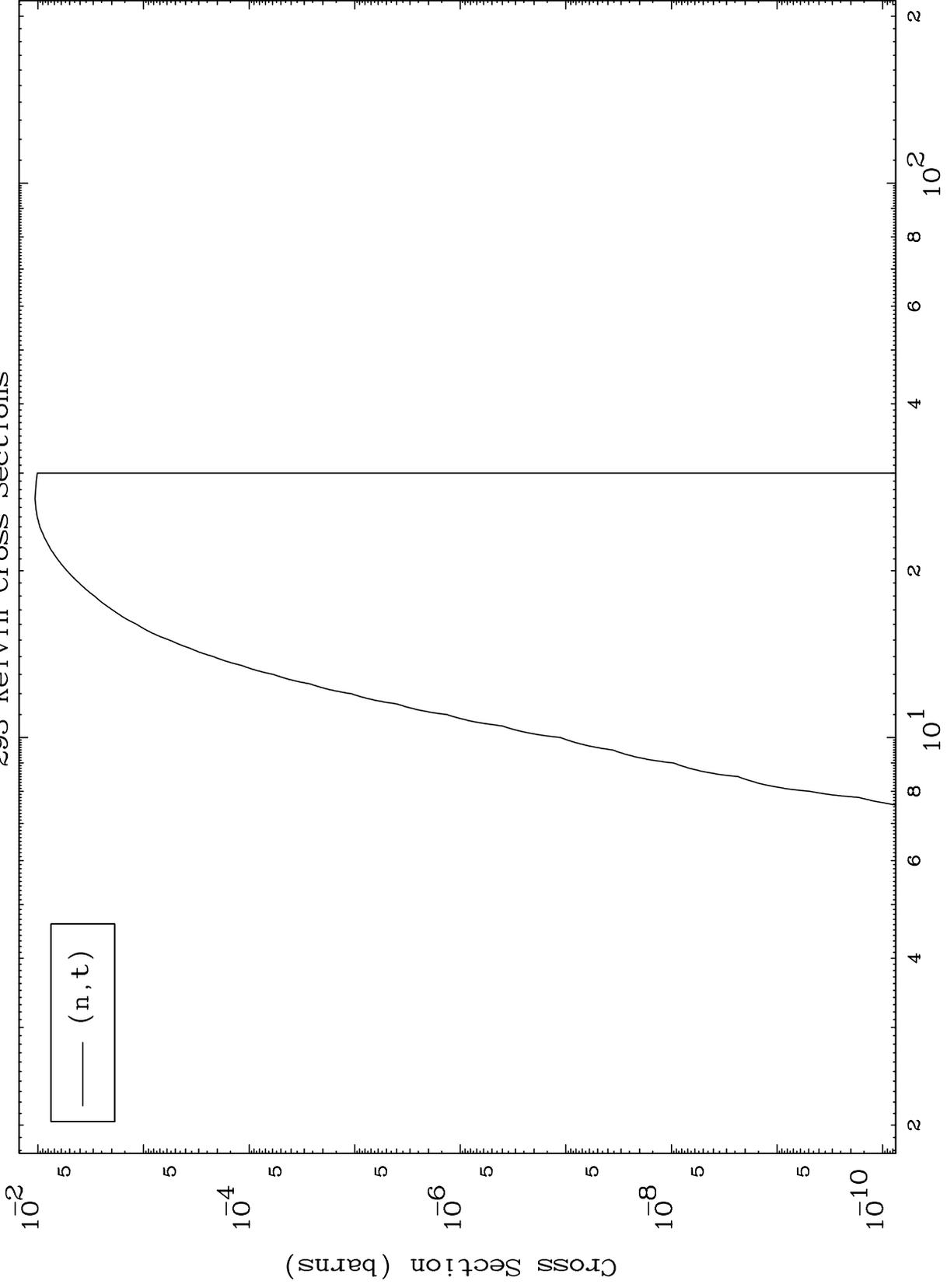
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75-Re-178

MAT 7504

(n,t) Levels
293 Kelvin Cross Sections

75-Re-178



15

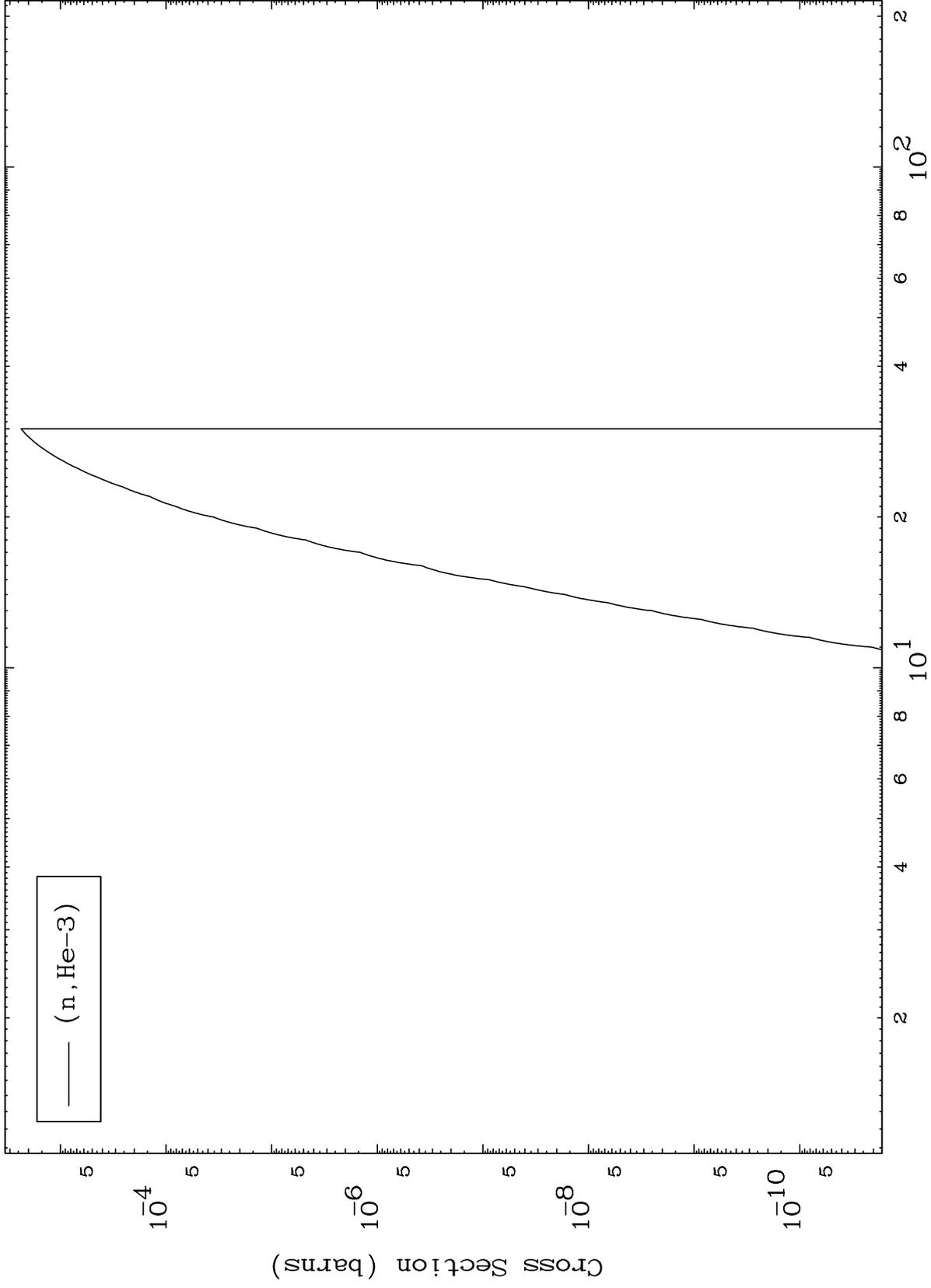
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MAT 7504

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-178



16

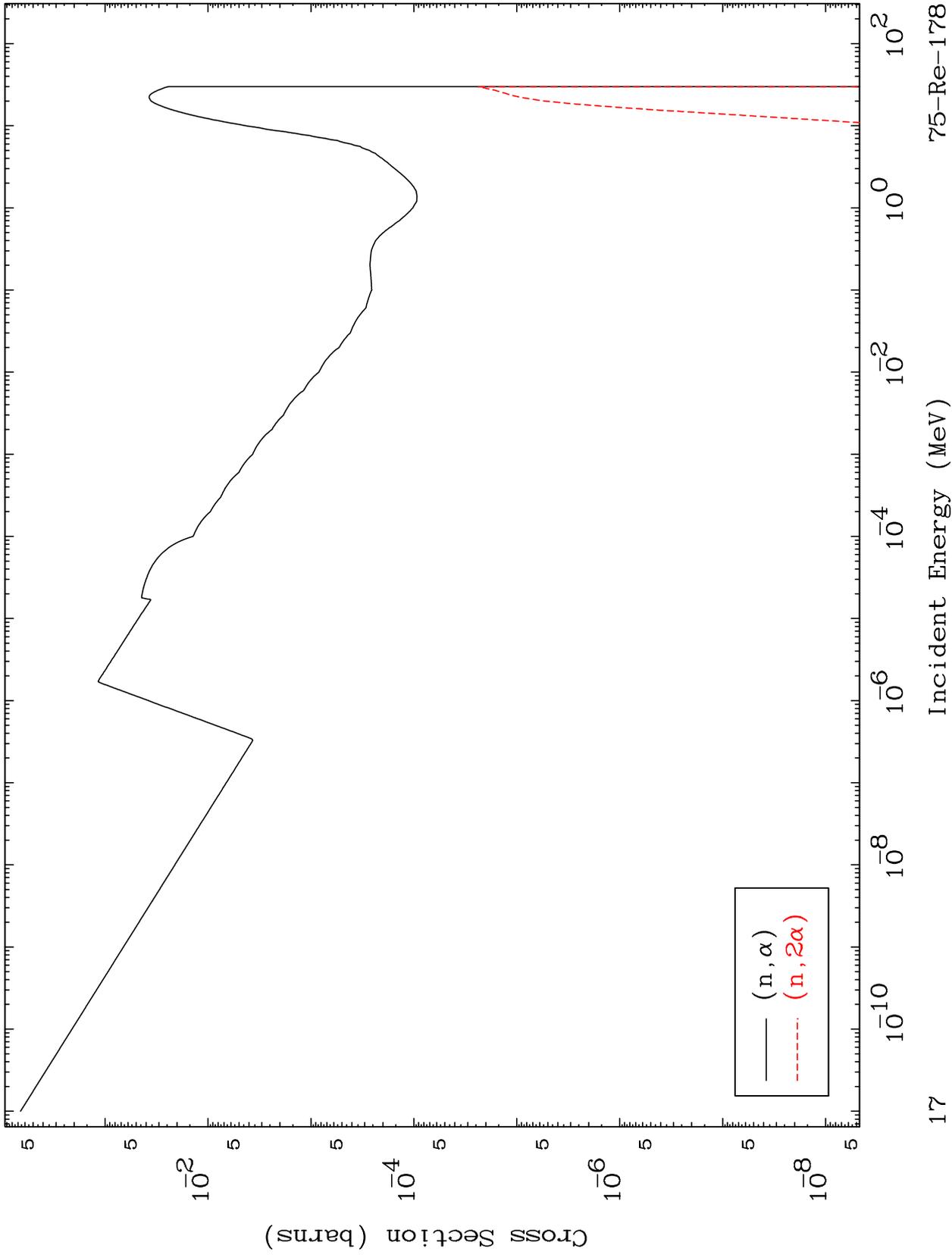
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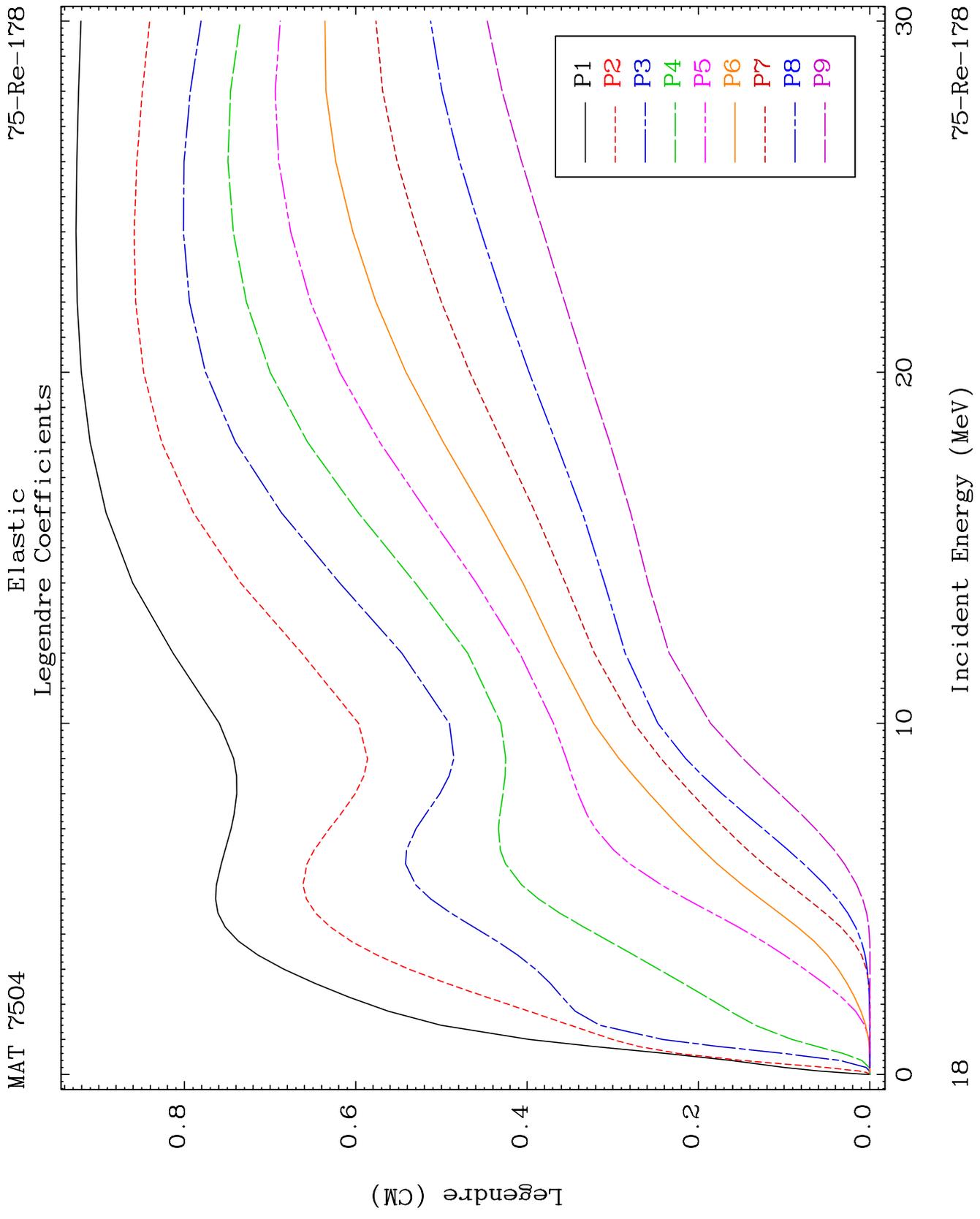
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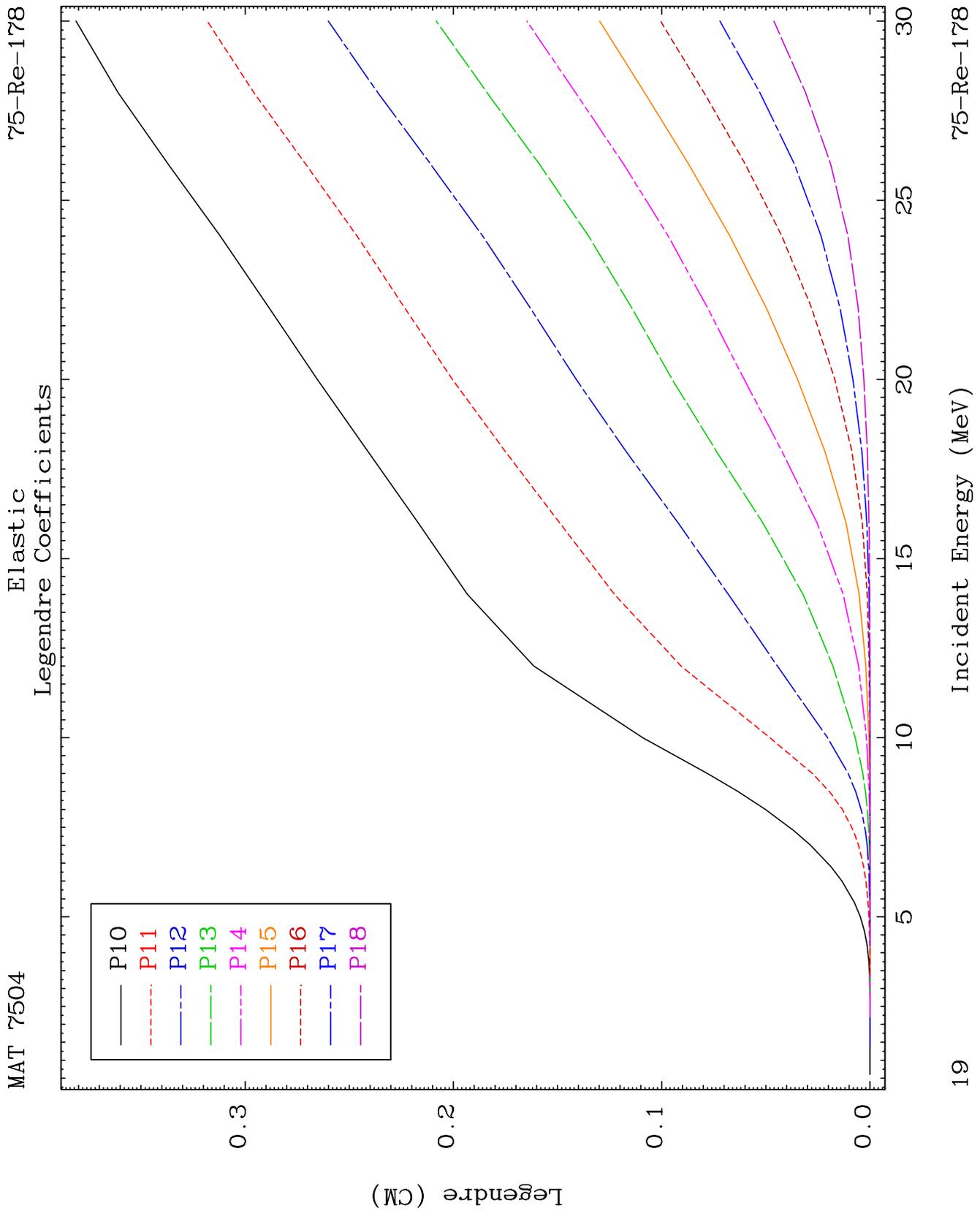
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(n, α) Levels
293 Kelvin Cross Sections

75-Re-178



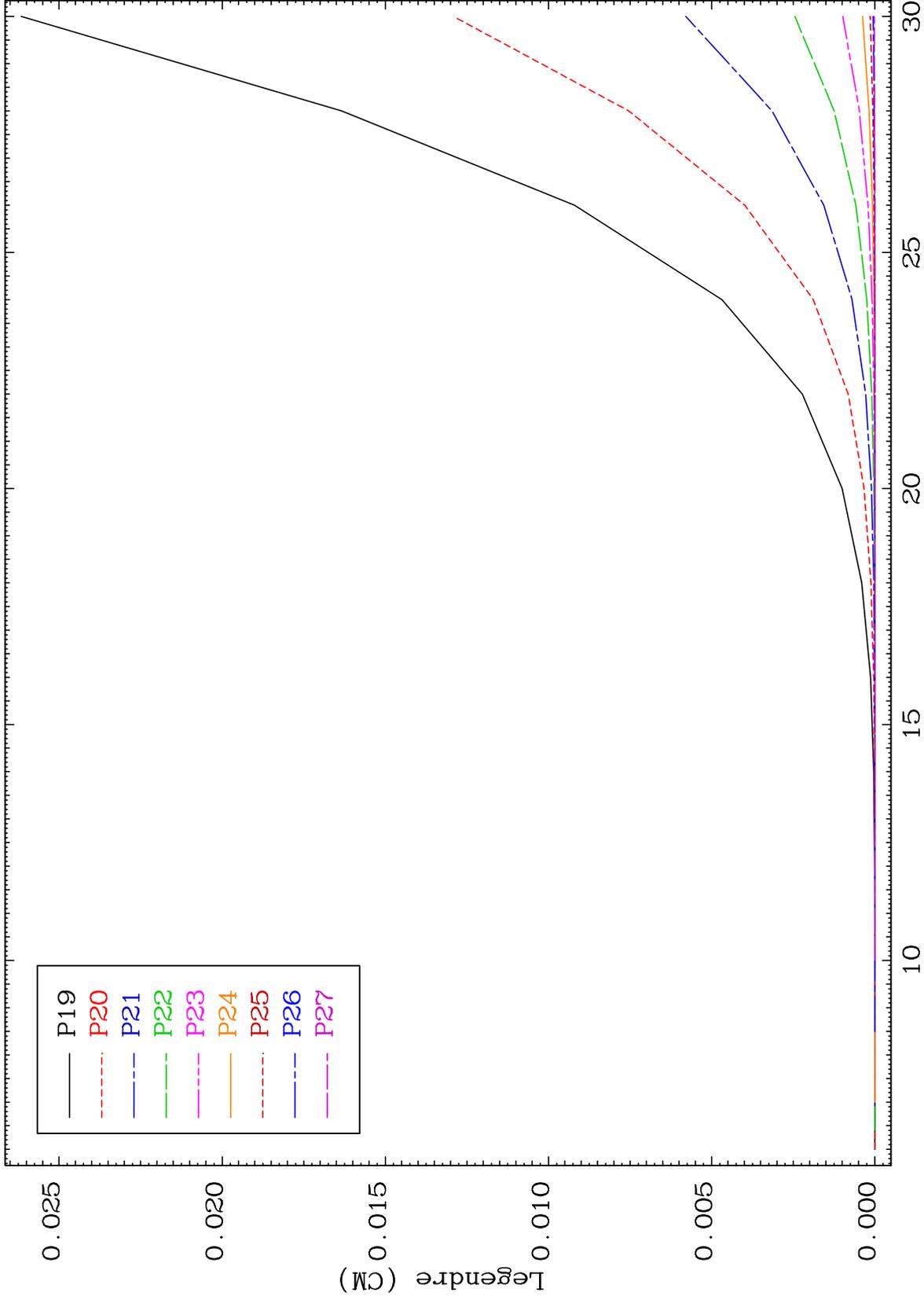




MAT 7504

Elastic
Legendre Coefficients

75-Re-178



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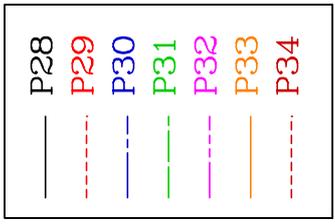
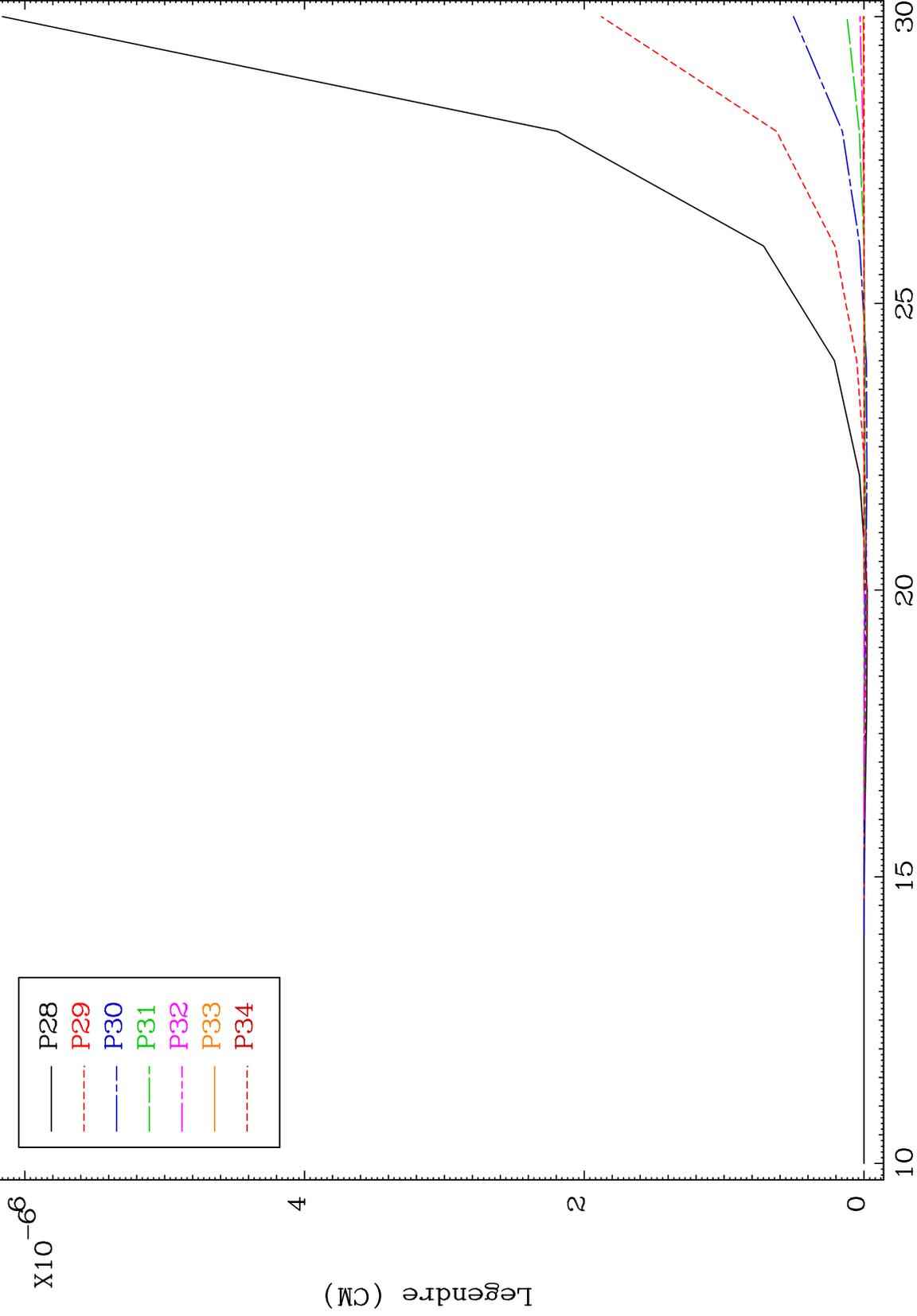
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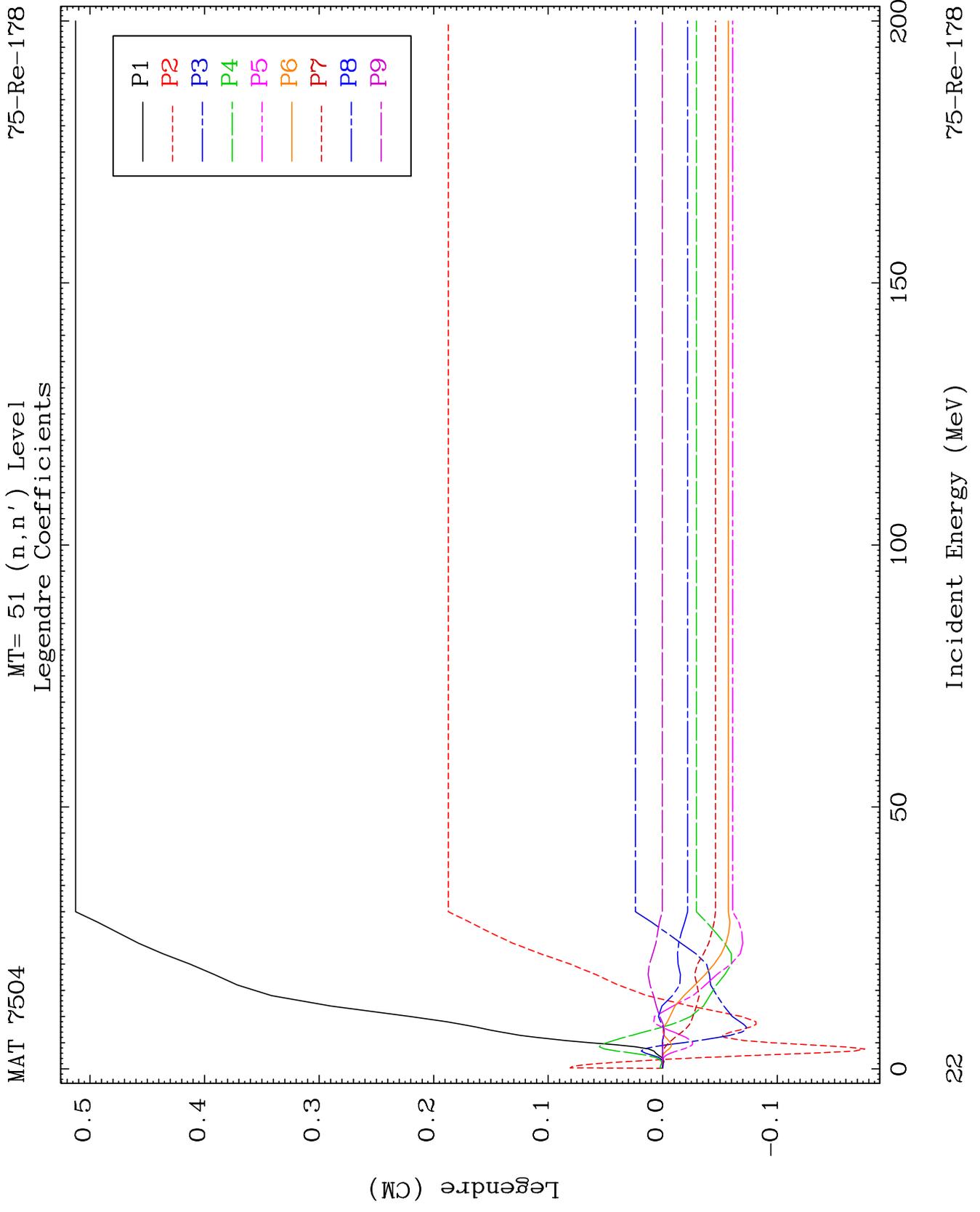
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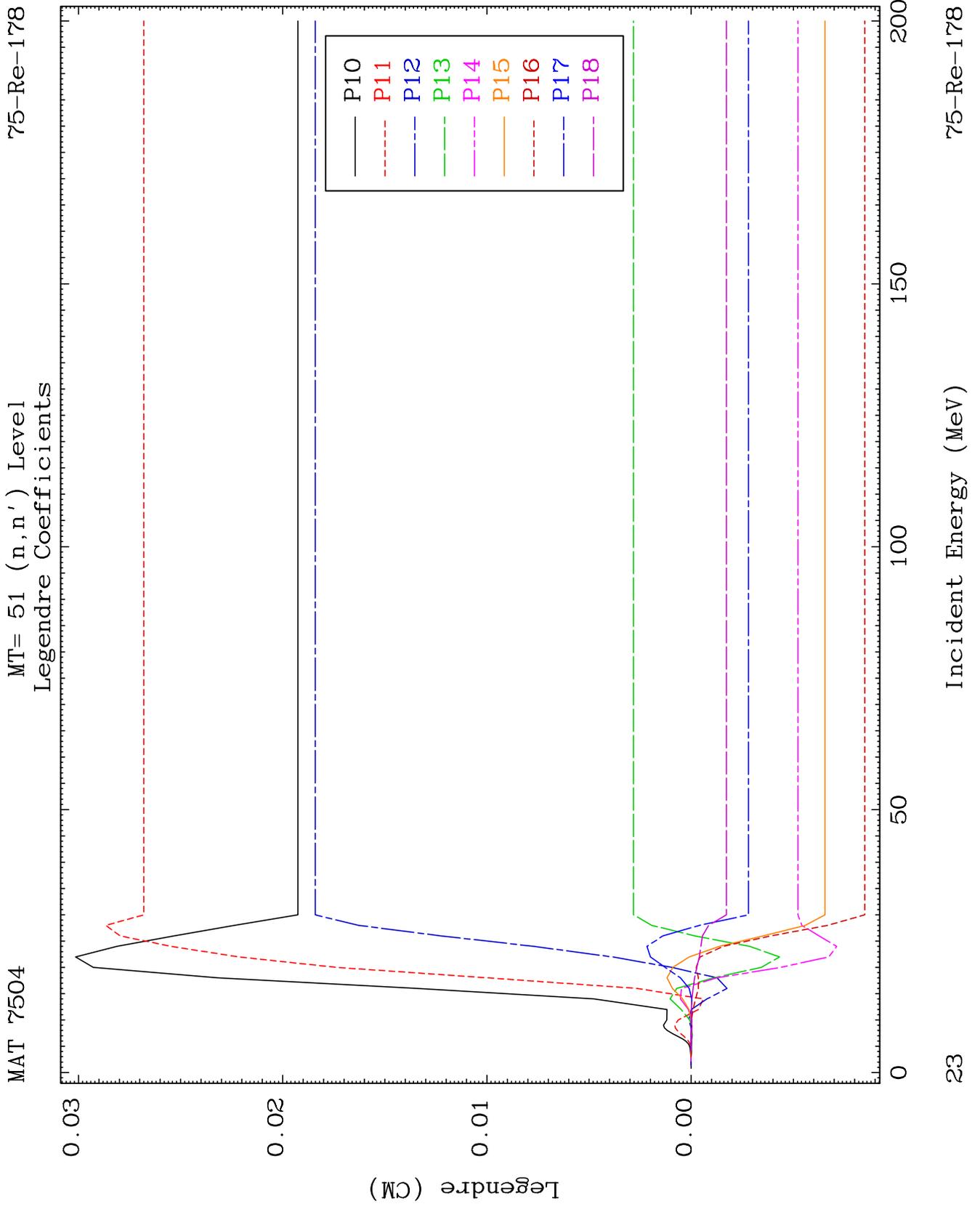
MAT 7504

Elastic
Legendre Coefficients

75-Re-178



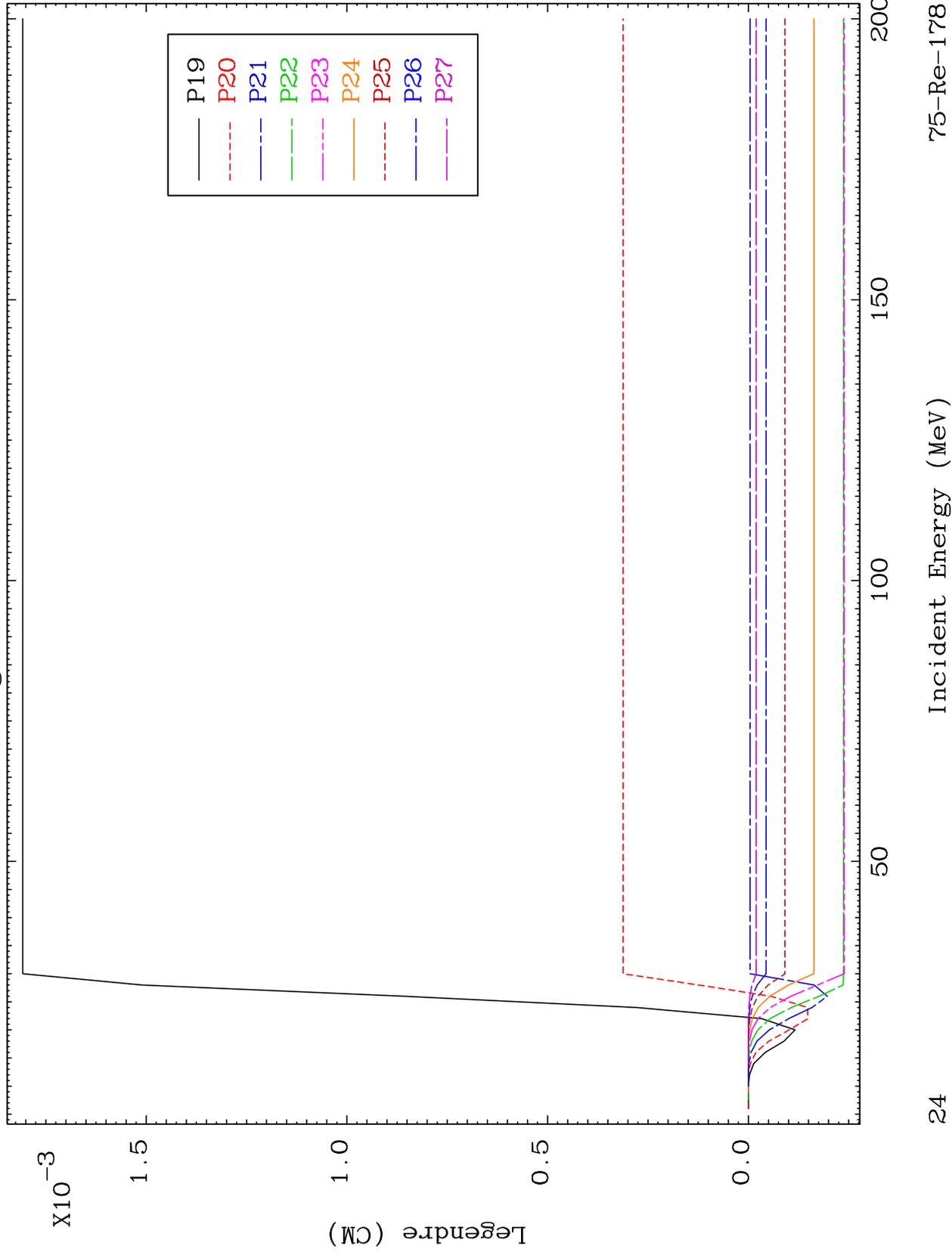


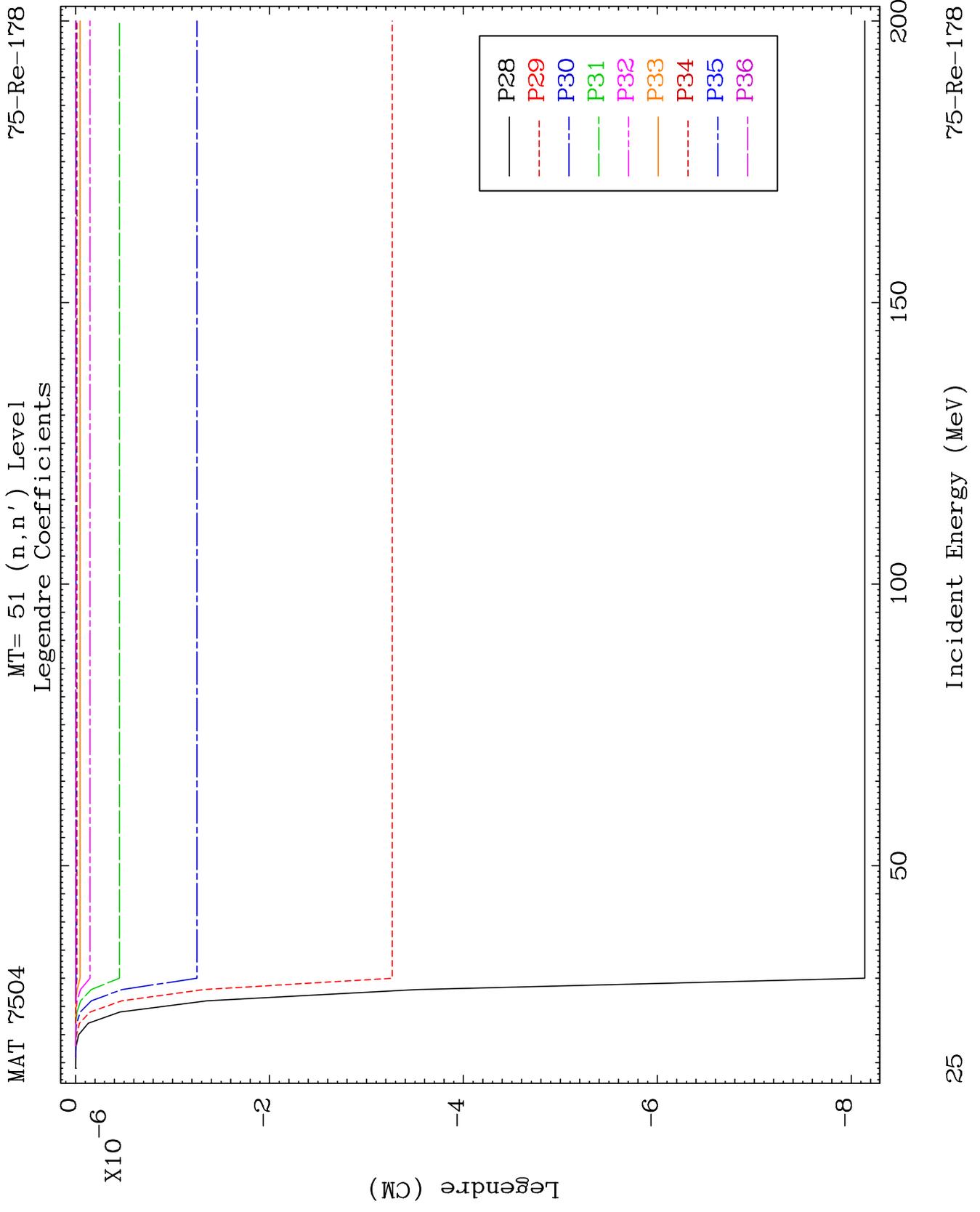


MAT 7504

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

75-Re-178

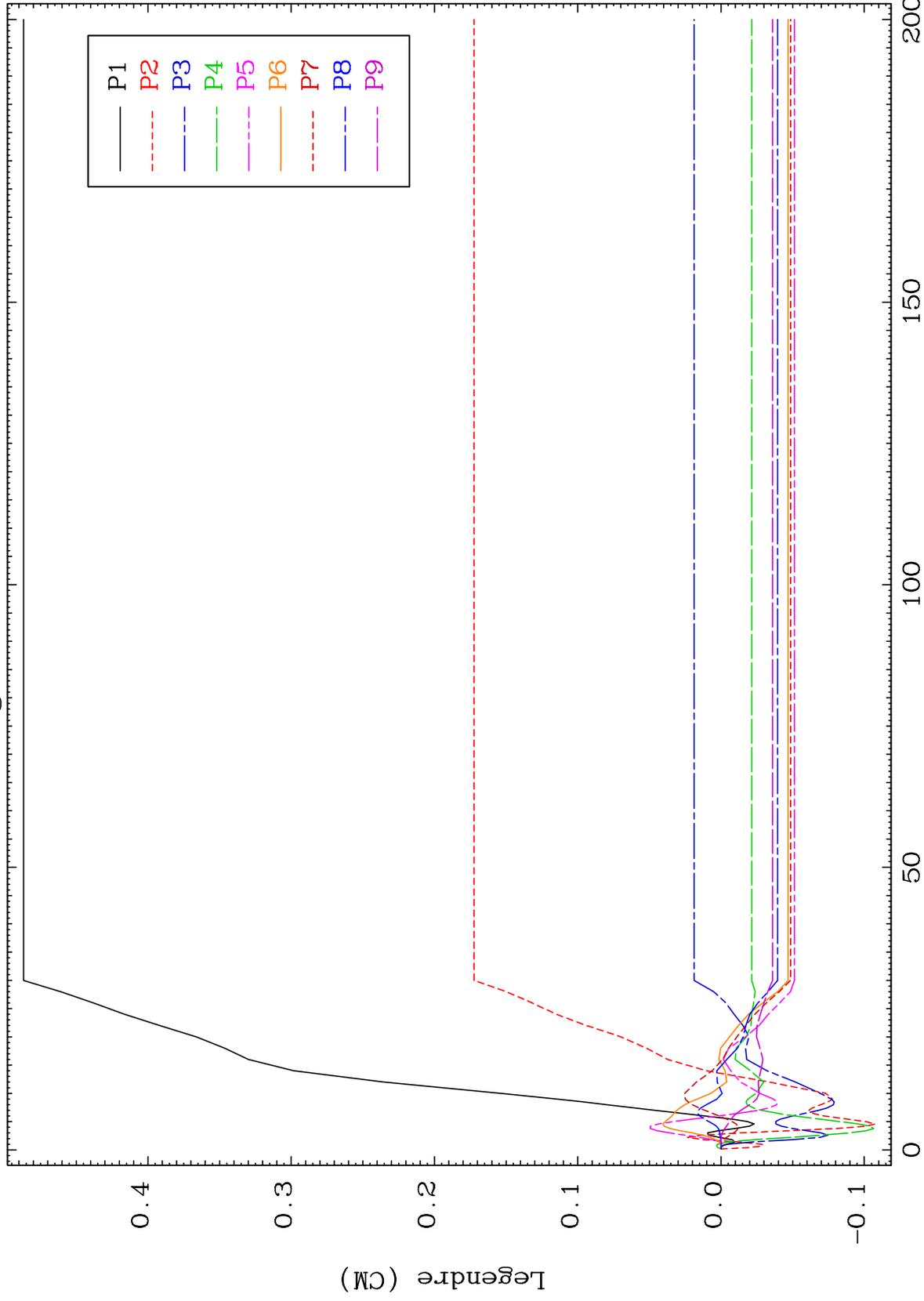




MAT 7504

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

75-Re-178



26

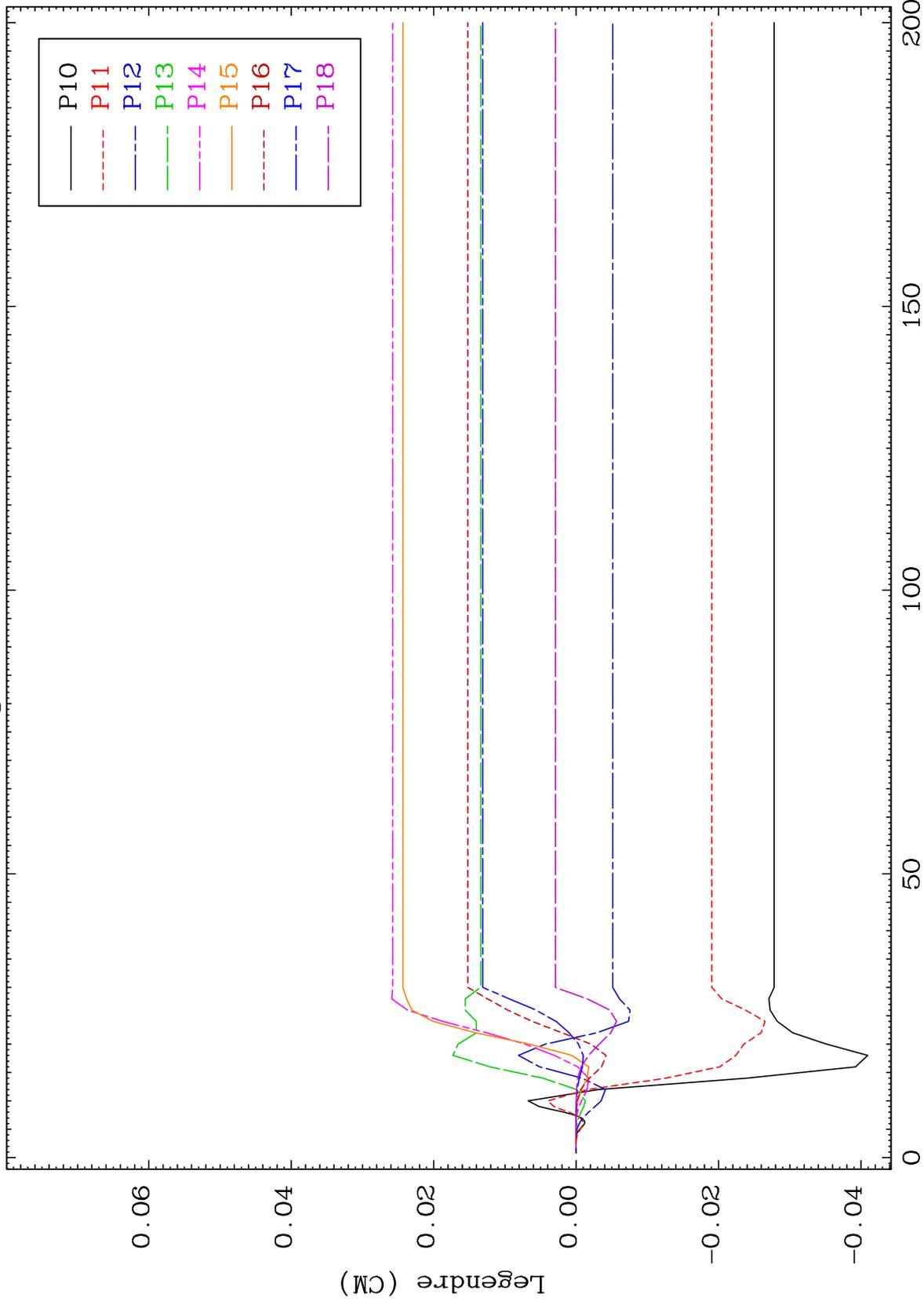
Incident Energy (MeV)

75-Re-178

MAT 7504

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

75-Re-178



27

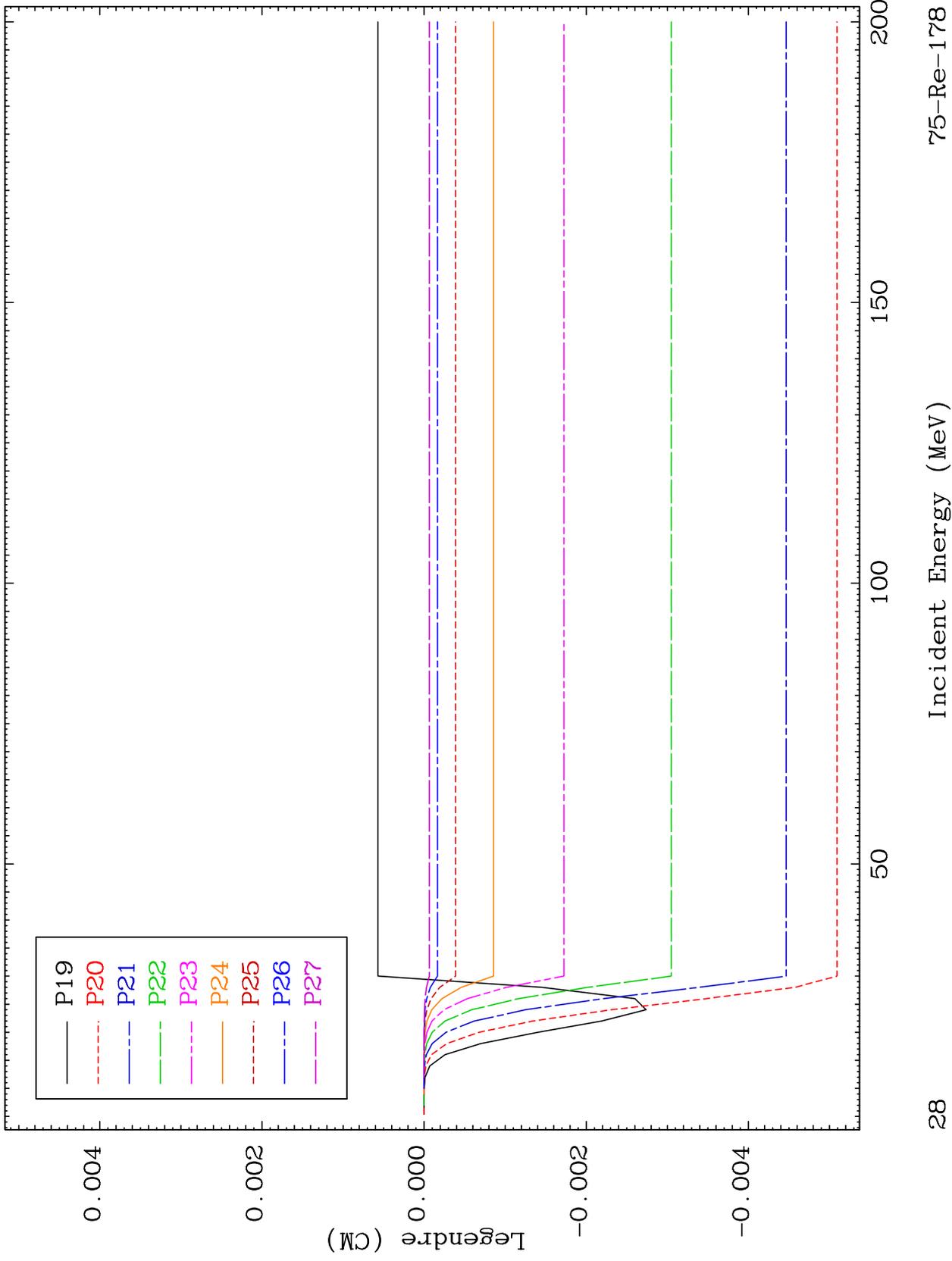
Incident Energy (MeV)

75-Re-178

MAT 7504

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

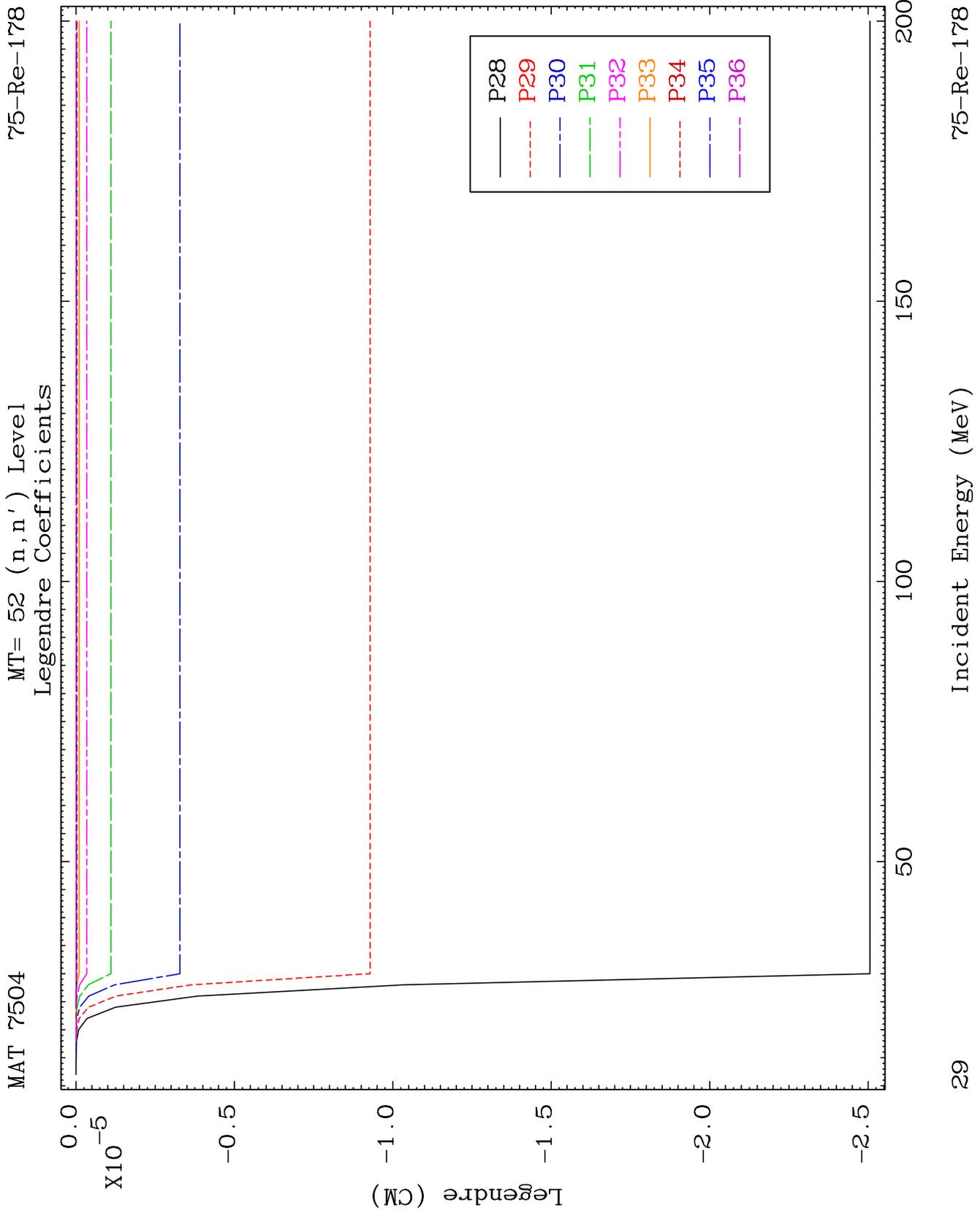
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Incident Energy (MeV)

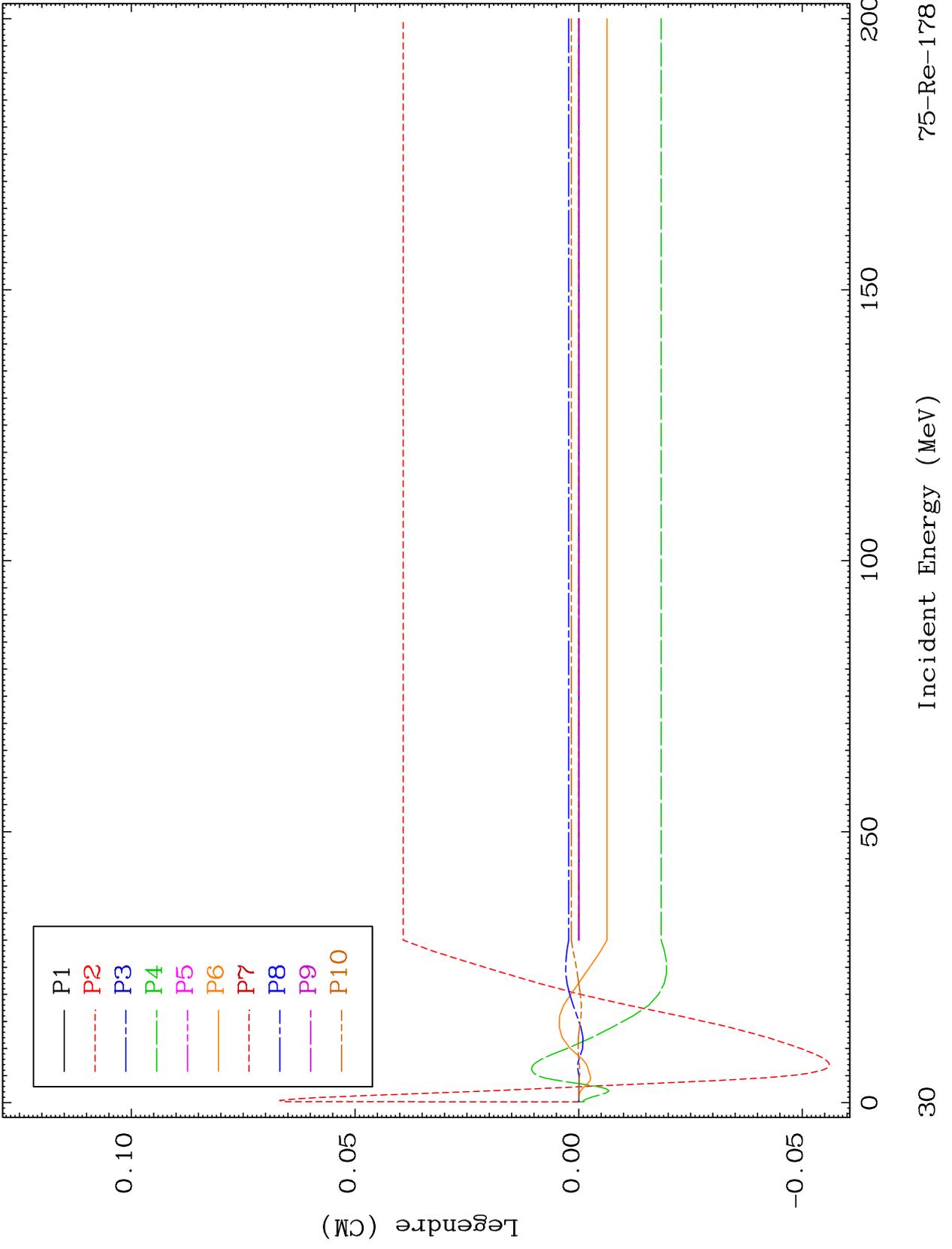
75-Re-178



MAT 7504

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

75-Re-178



75-Re-178

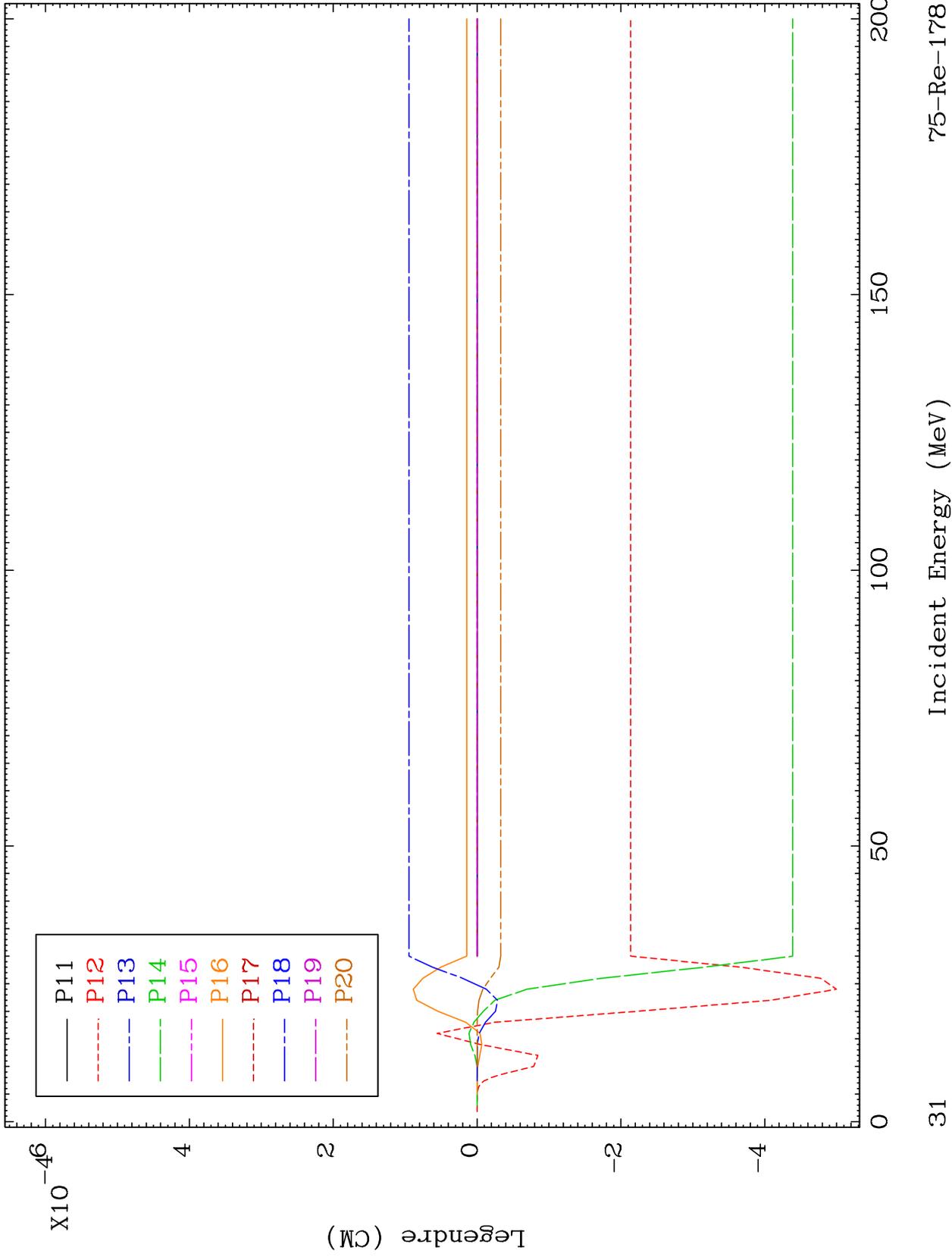
Incident Energy (MeV)

30

MAT 7504

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

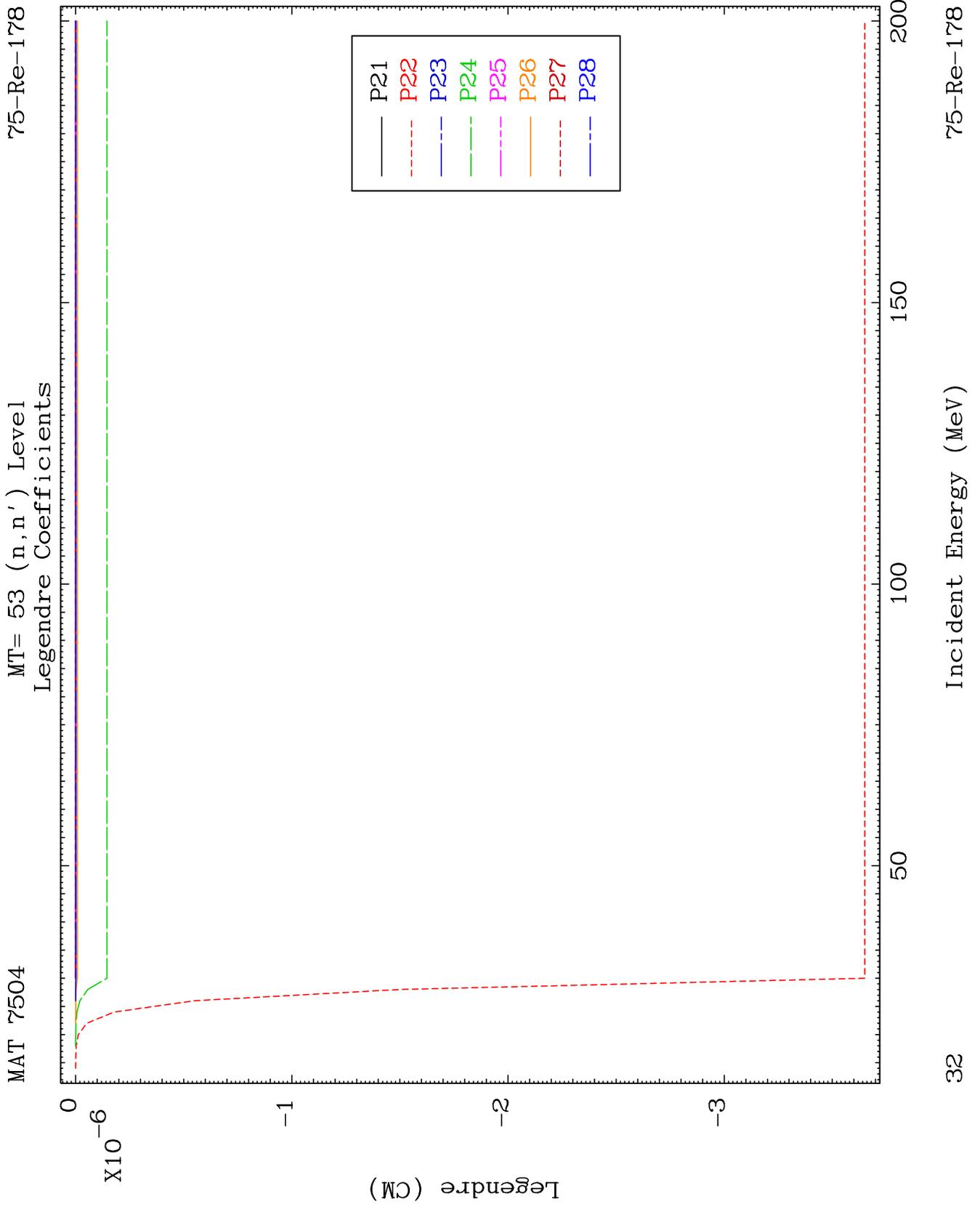
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31

Incident Energy (MeV)

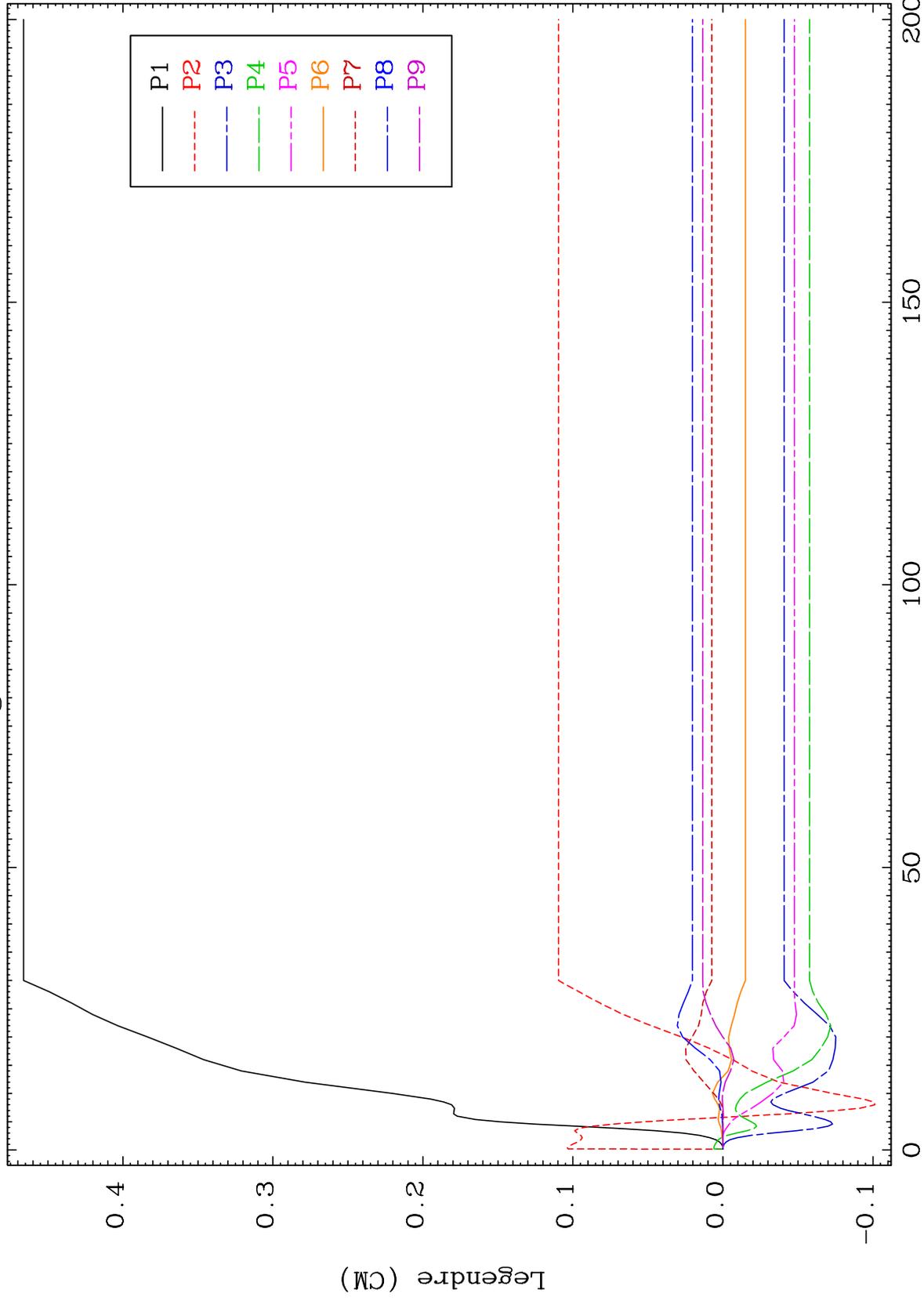
75-Re-178



MAT 7504

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

75-Re-178



33

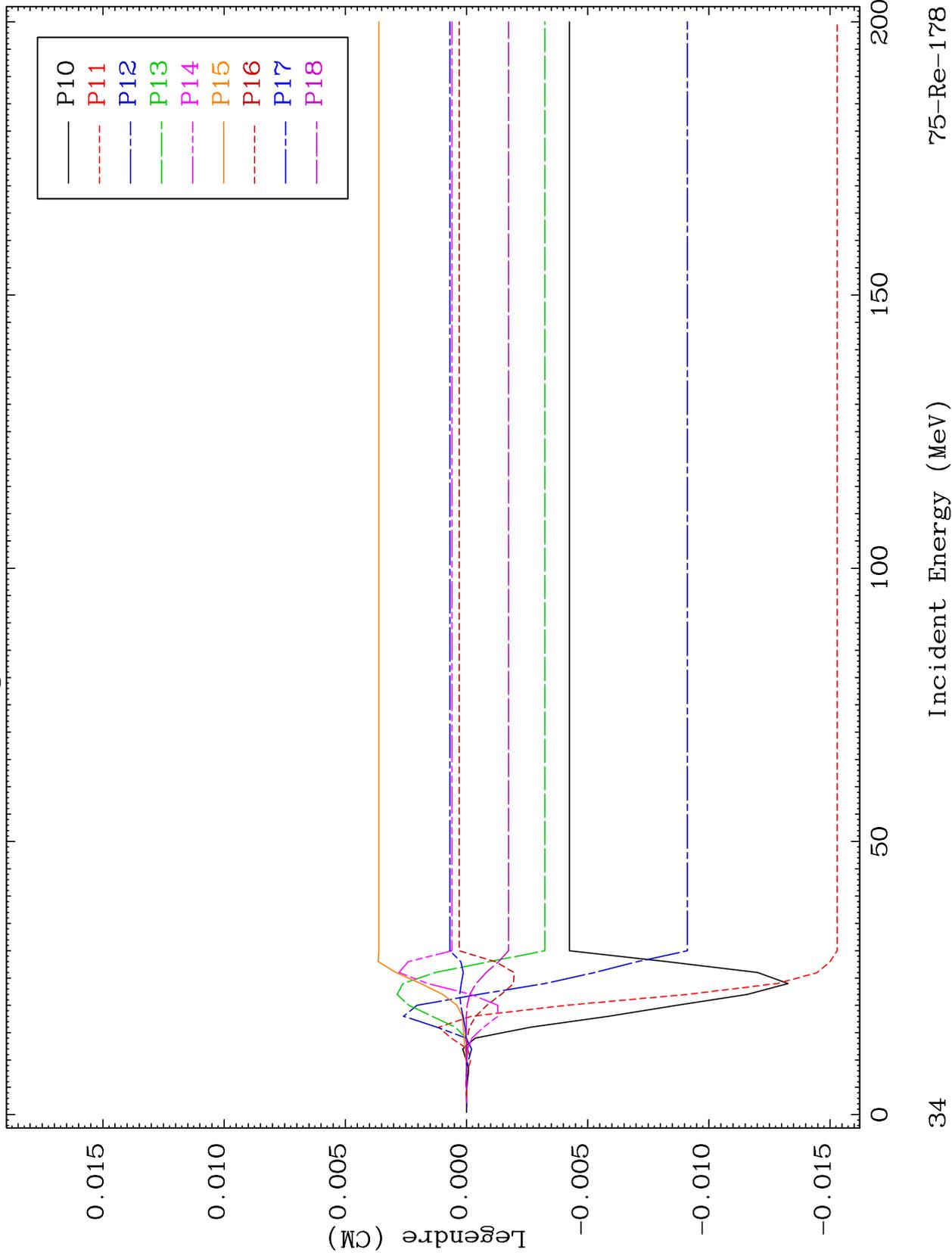
Incident Energy (MeV)

75-Re-178

MAT 7504

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

75-Re-178



34

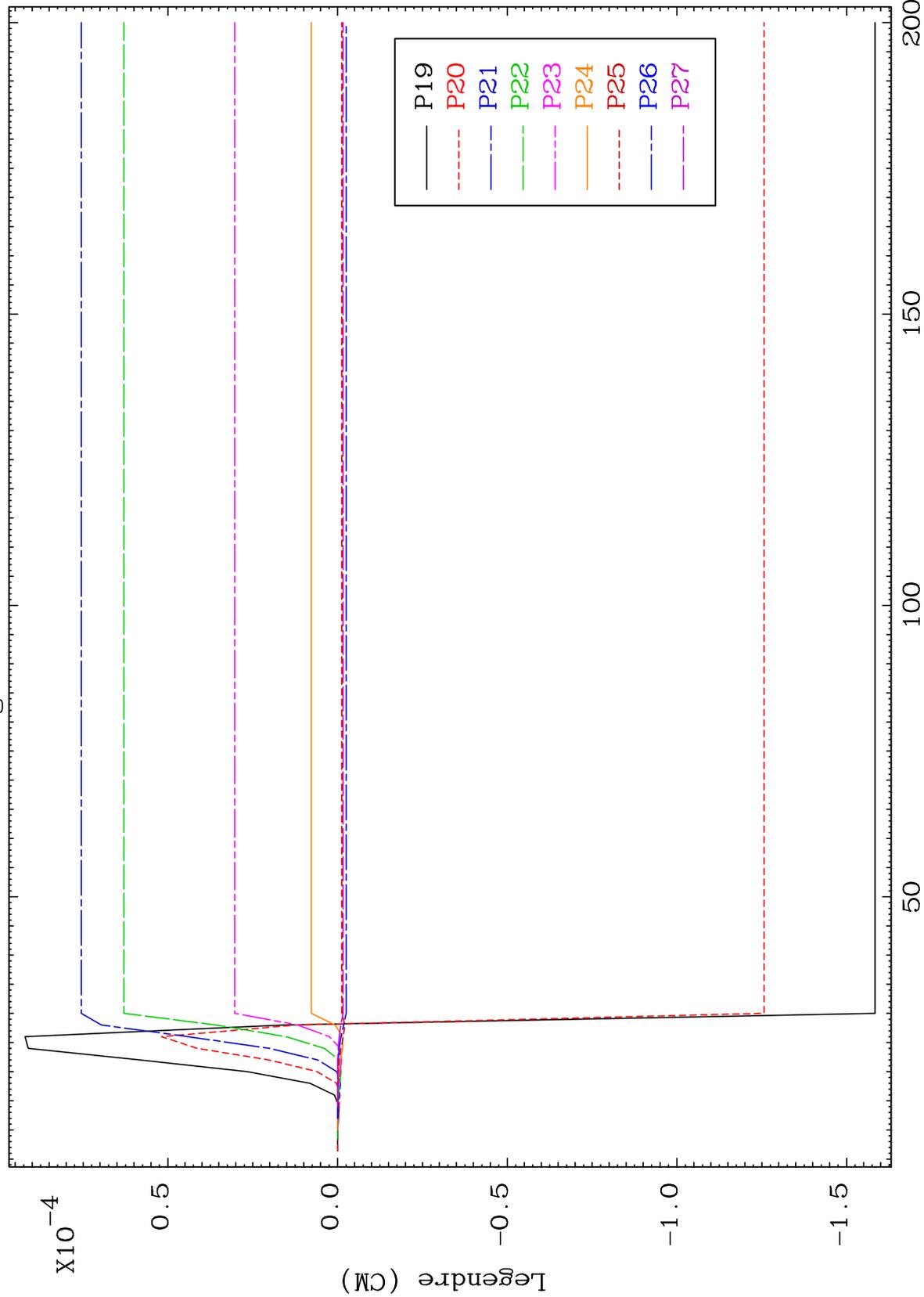
Incident Energy (MeV)

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MAT 7504

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

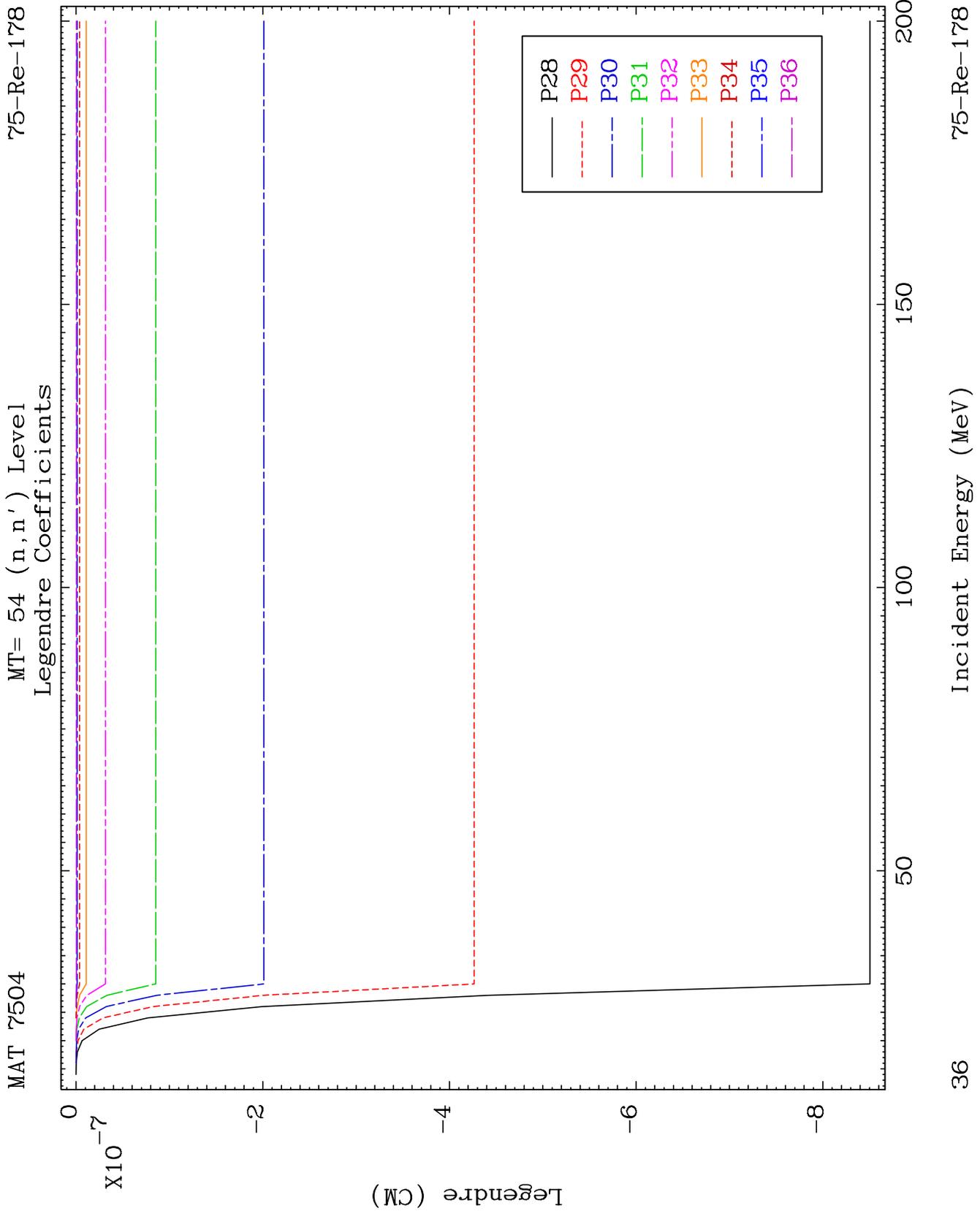
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35

Incident Energy (MeV)

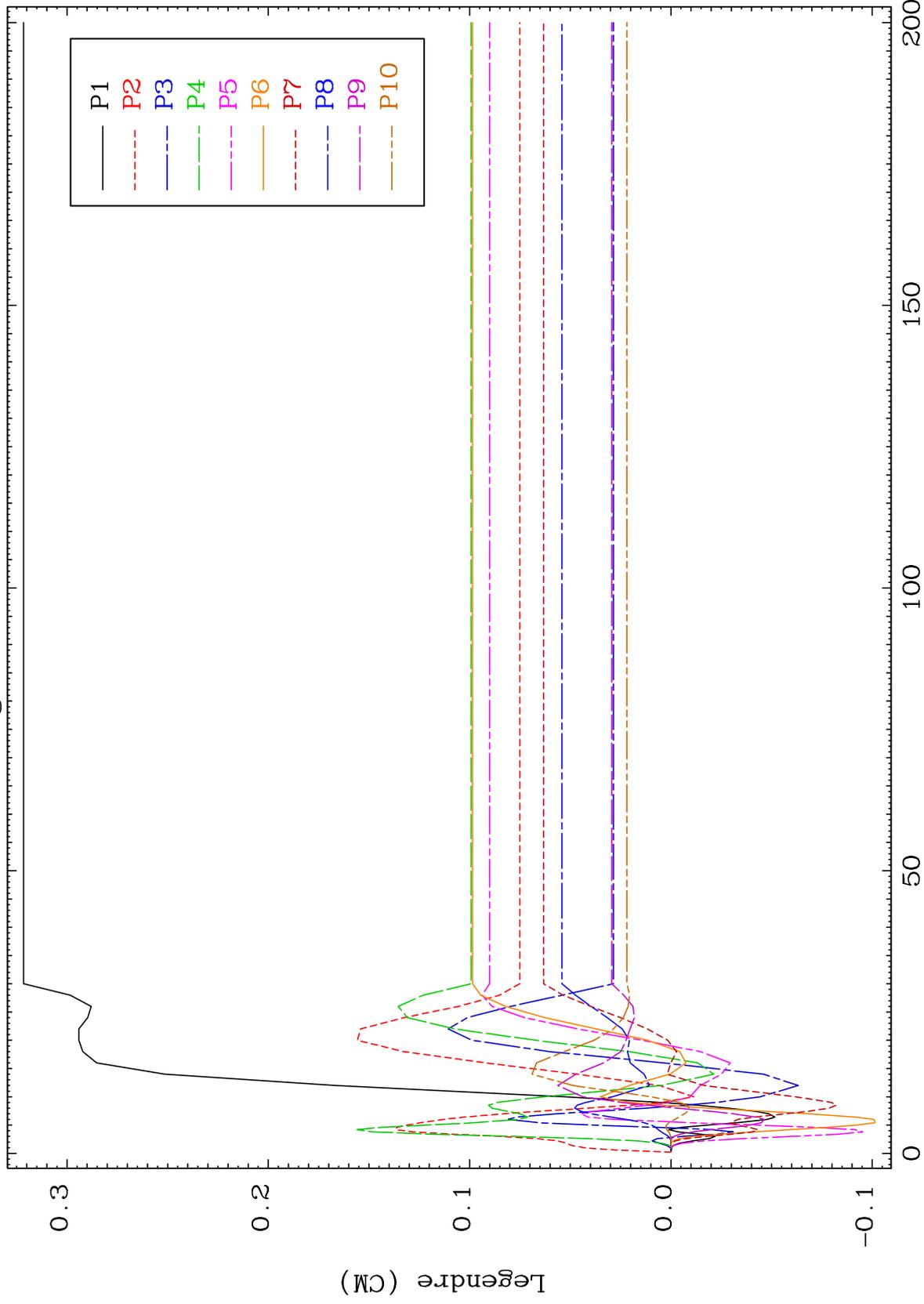
75-Re-178



MAT 7504

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

75-Re-178



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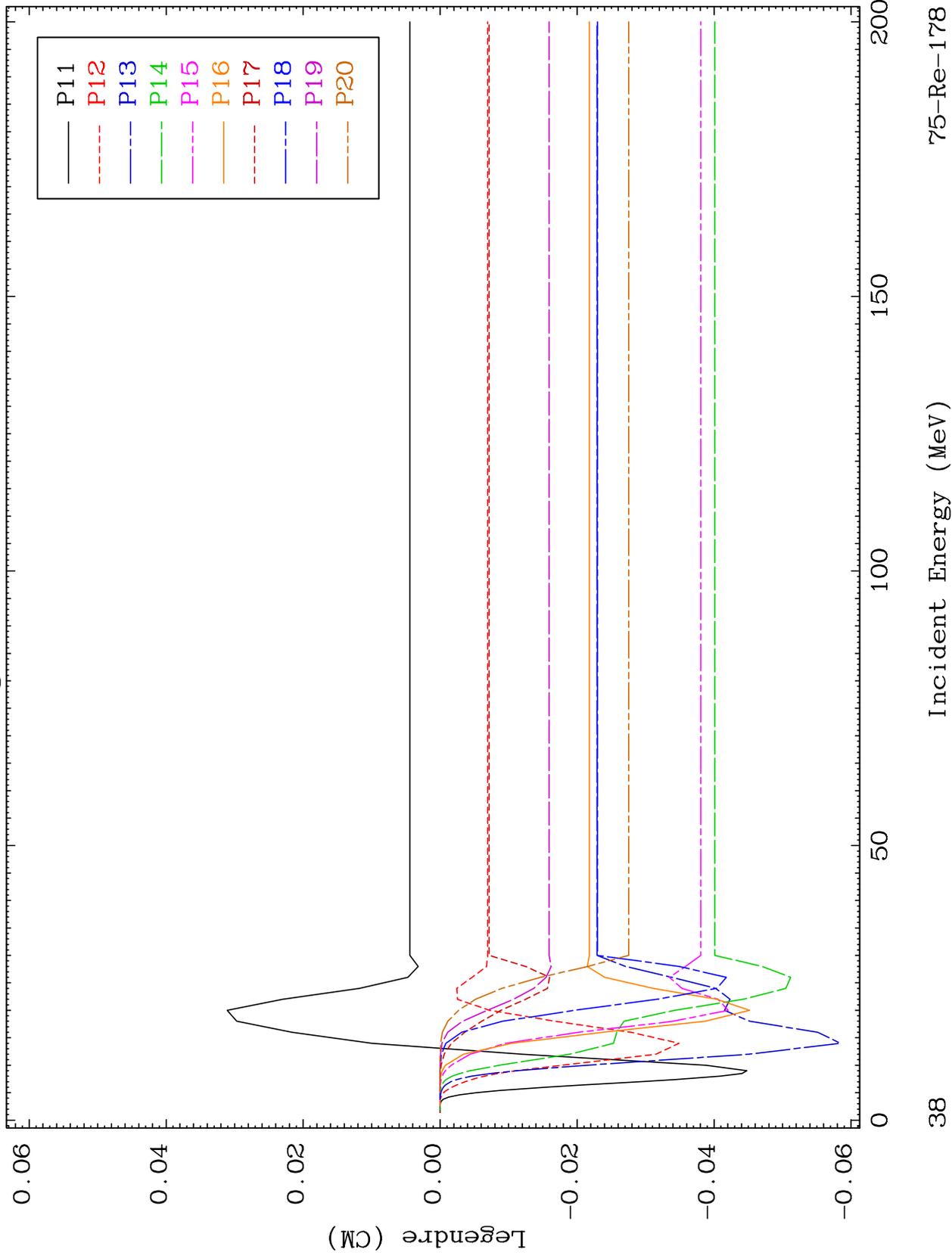
Incident Energy (MeV)

75-Re-178

MAT 7504

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

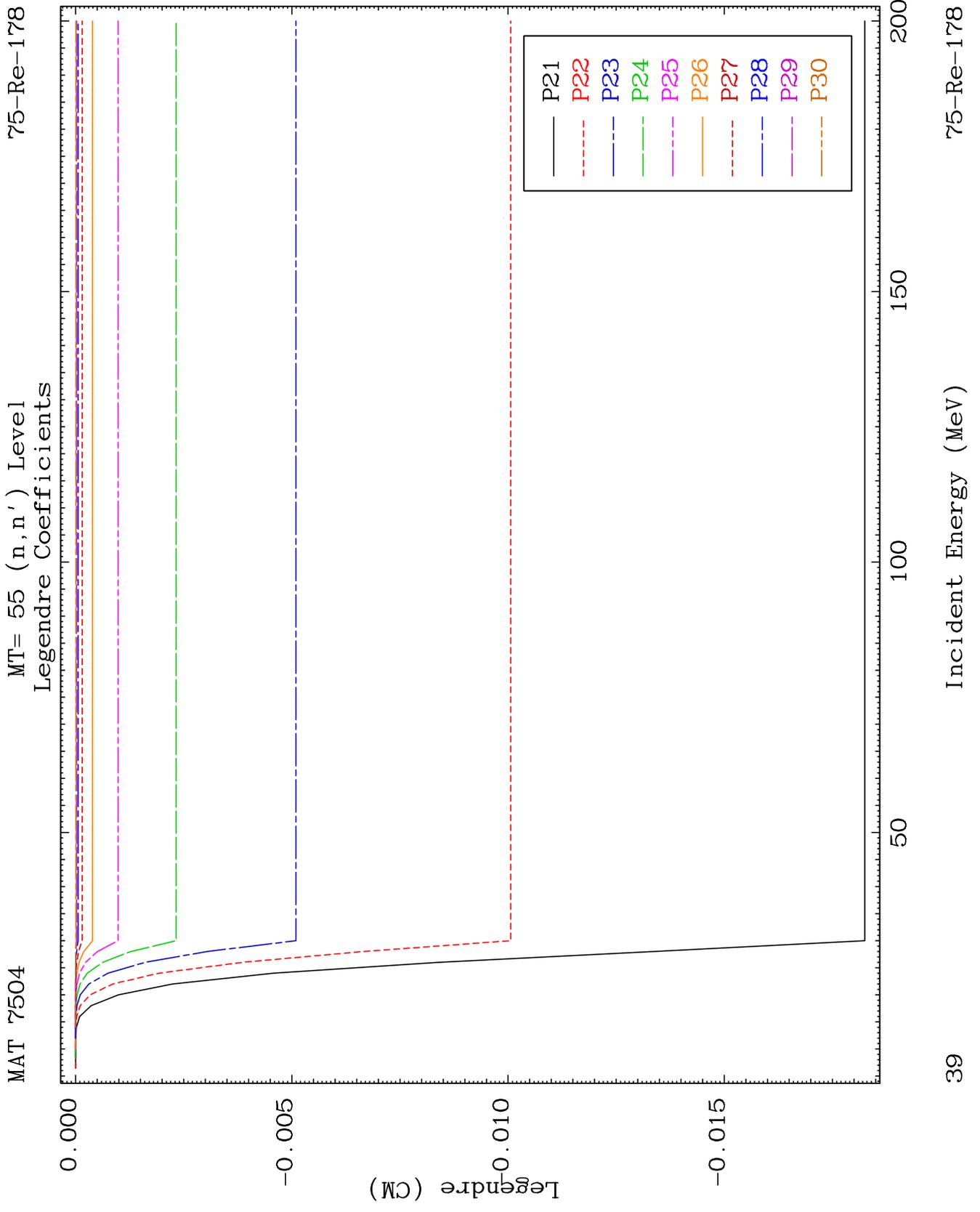
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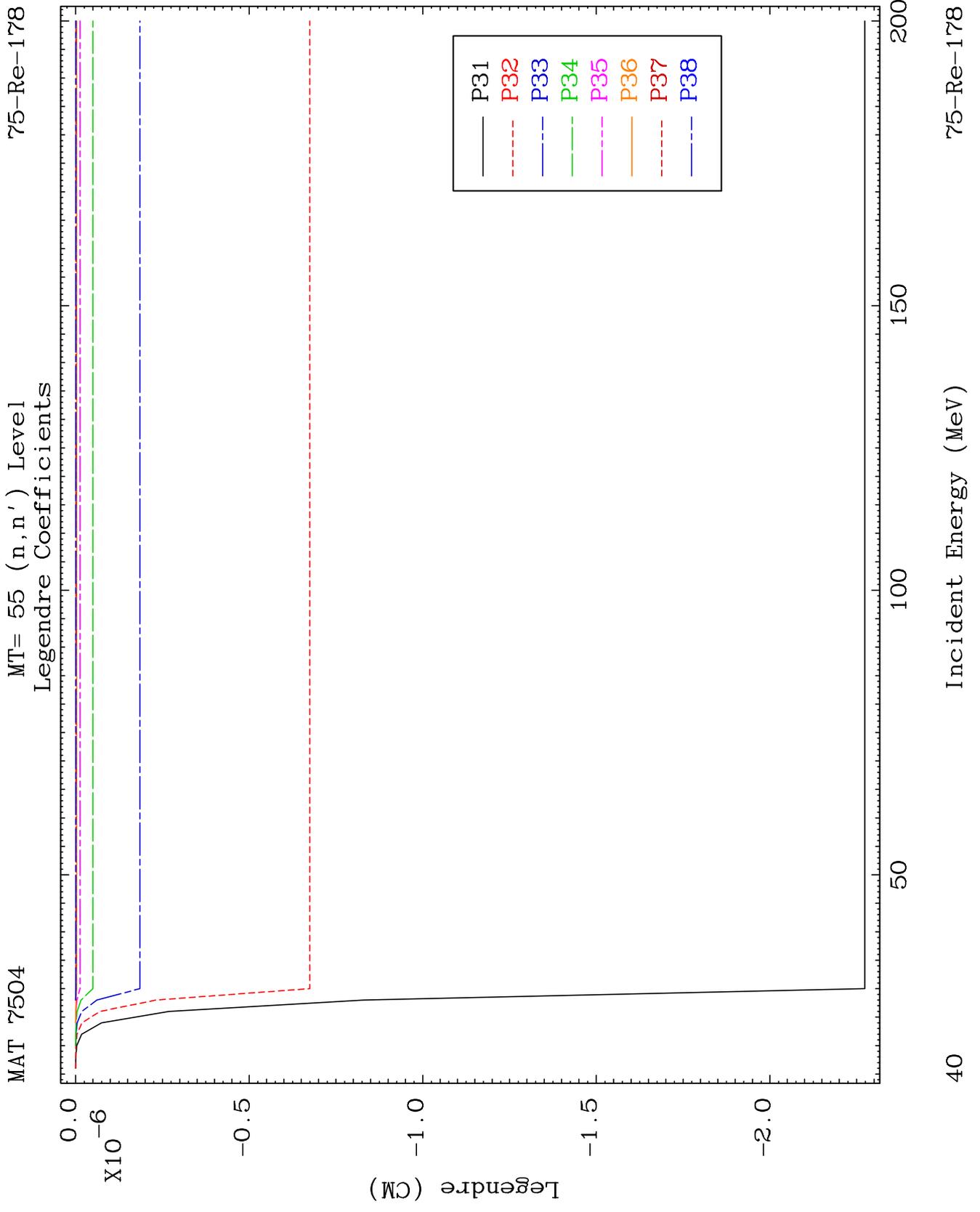


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Incident Energy (MeV)

75-Re-178

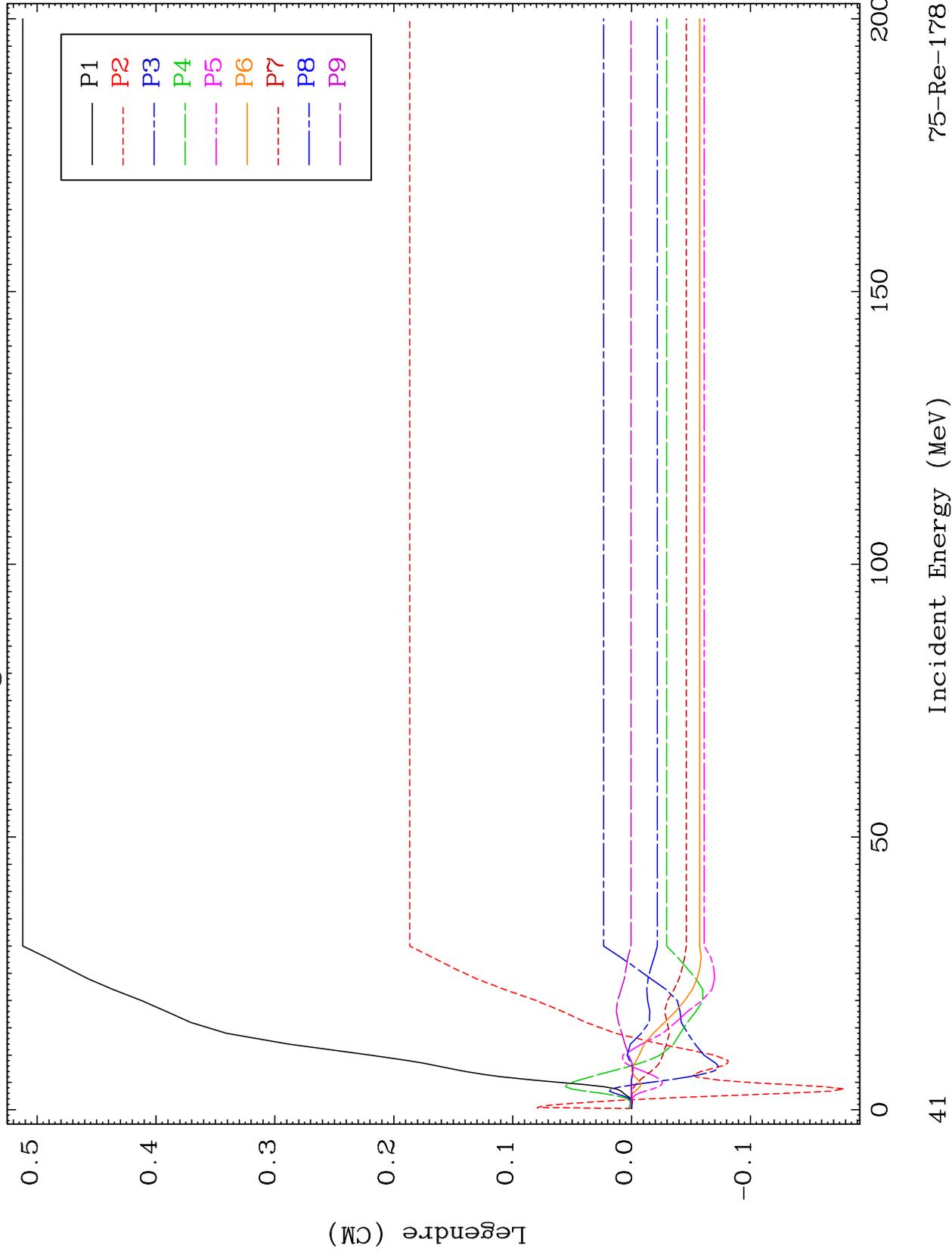




MAT 7504

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

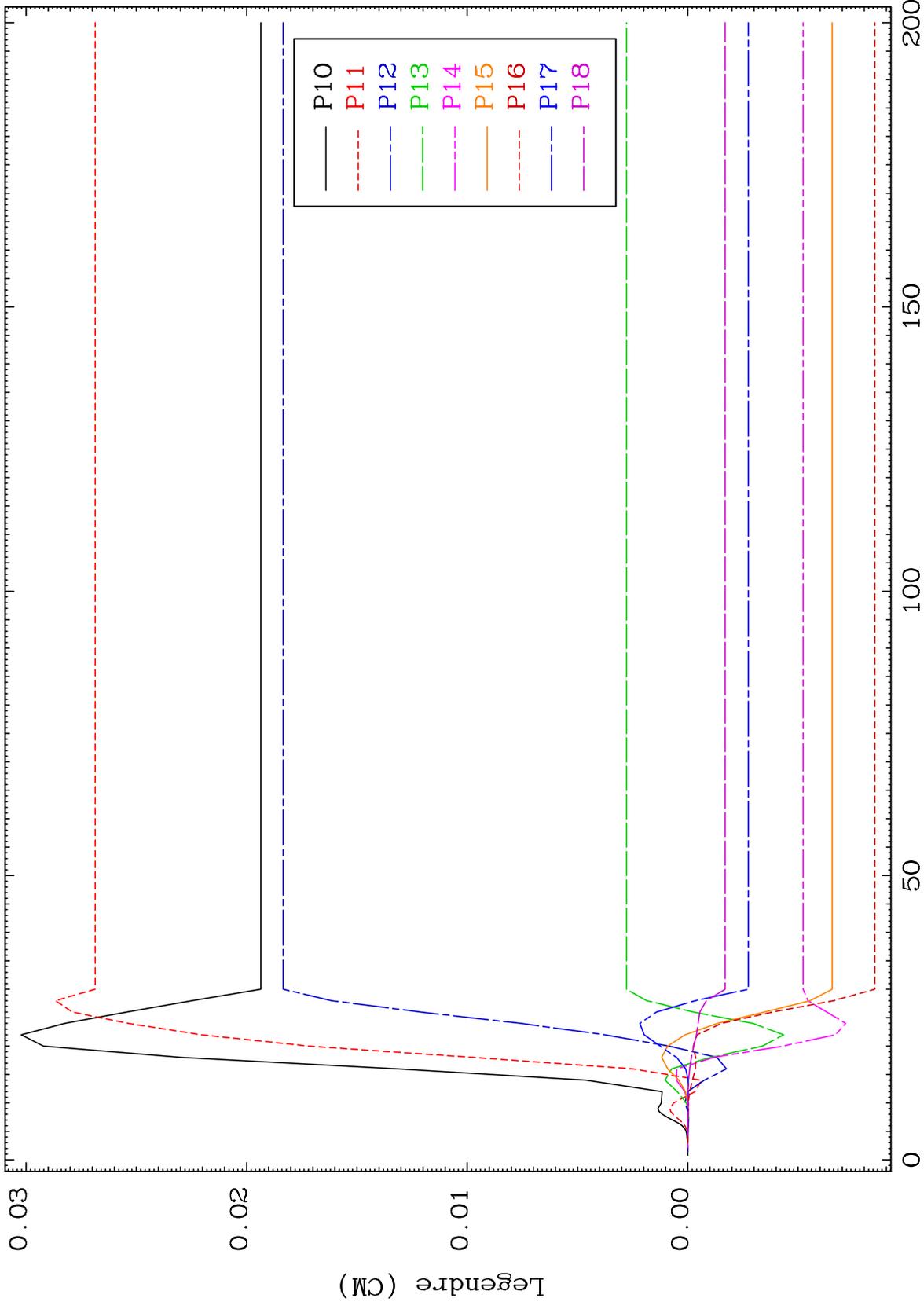
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MAT 7504

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

75-Re-178



42

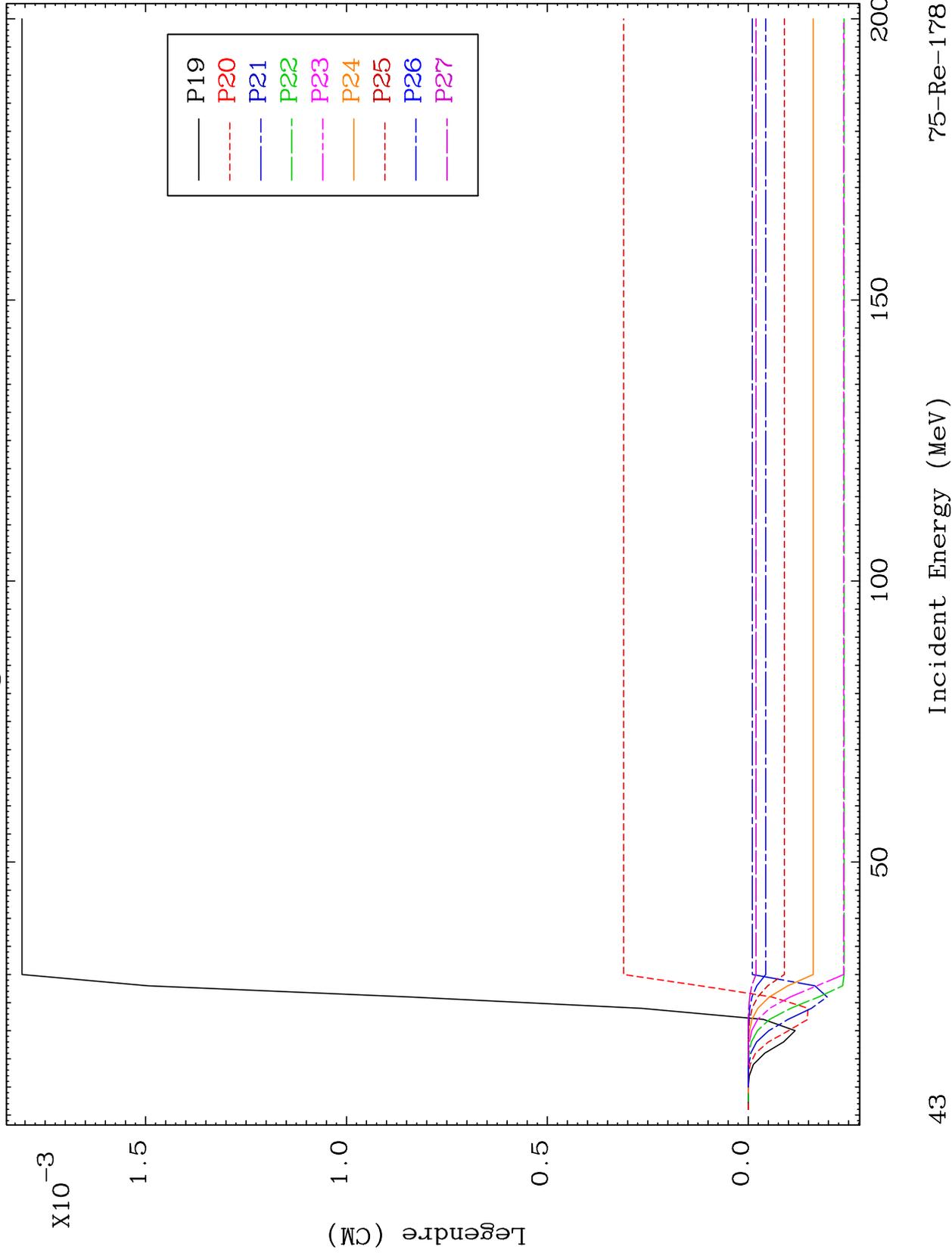
Incident Energy (MeV)

75-Re-178

MAT 7504

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

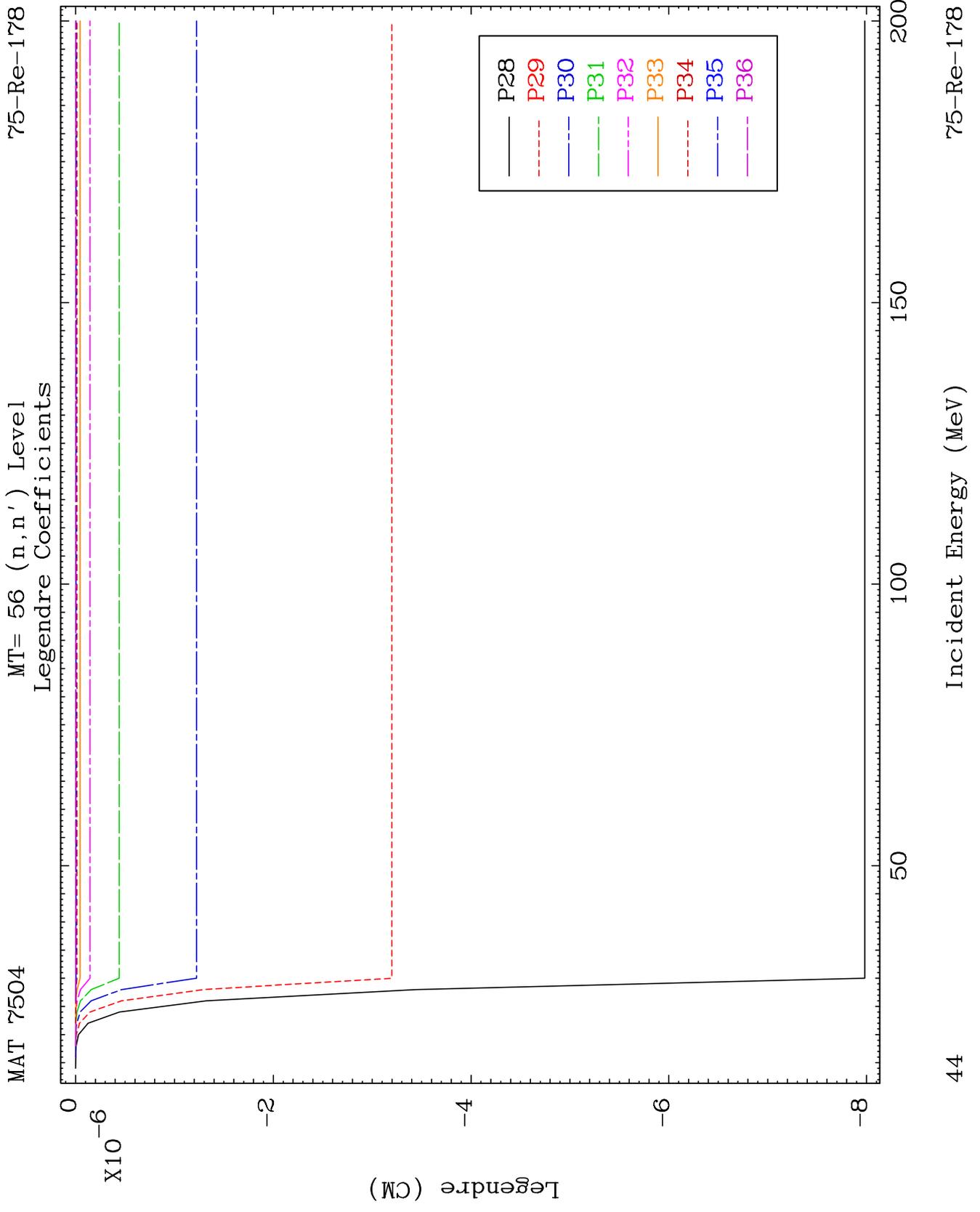
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43

Incident Energy (MeV)

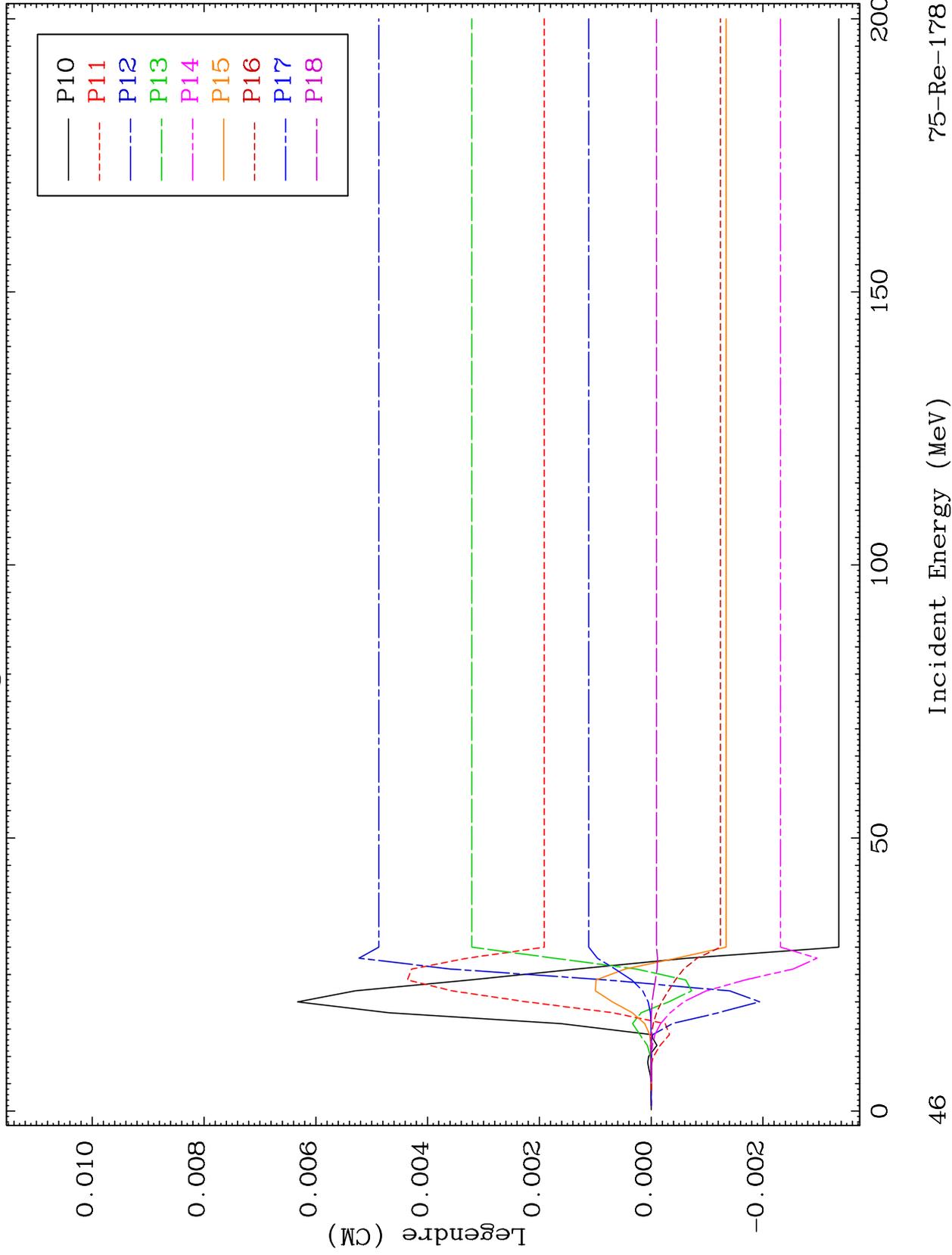
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MAT 7504

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

75-Re-178



75-Re-178

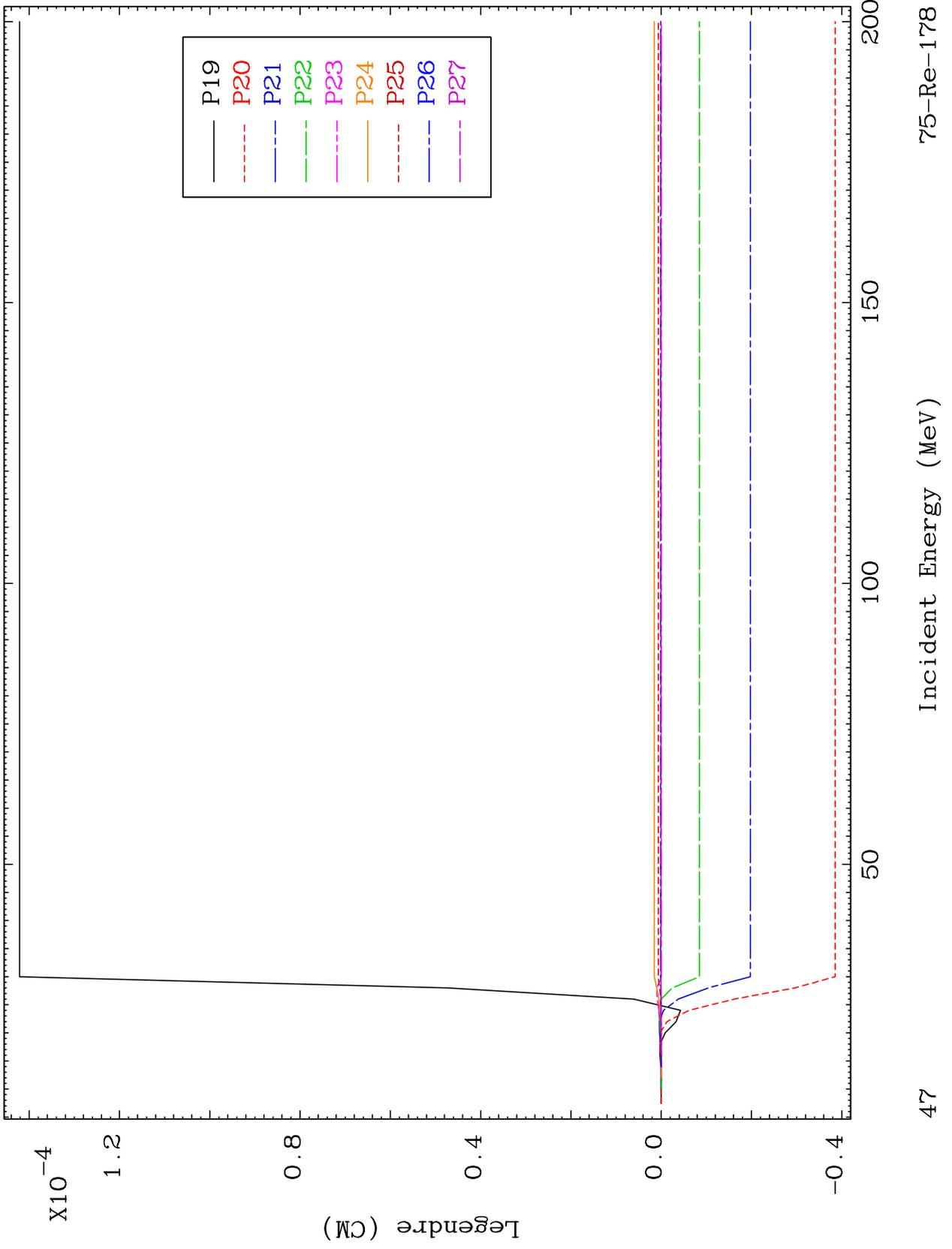
Incident Energy (MeV)

46

MAT 7504

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

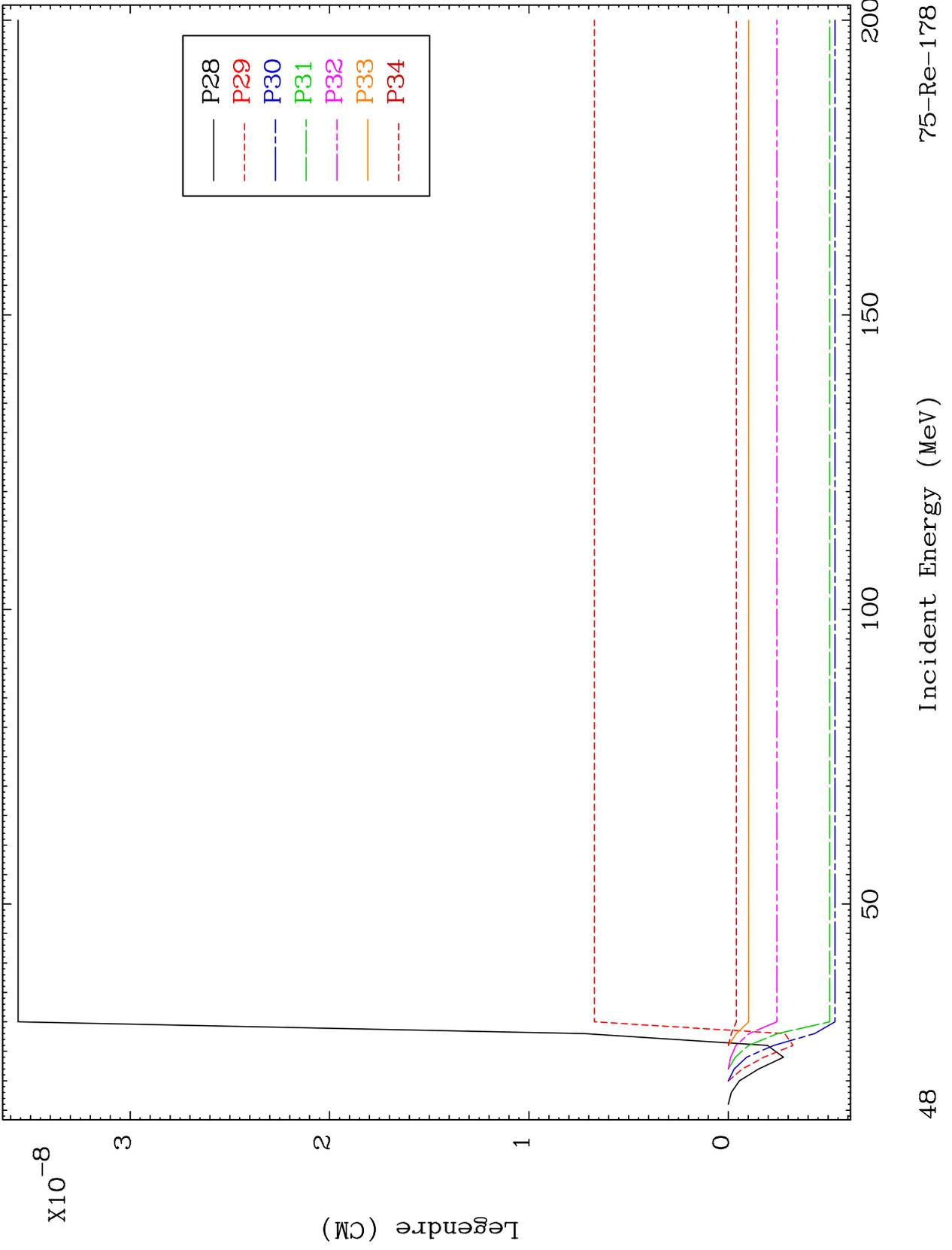
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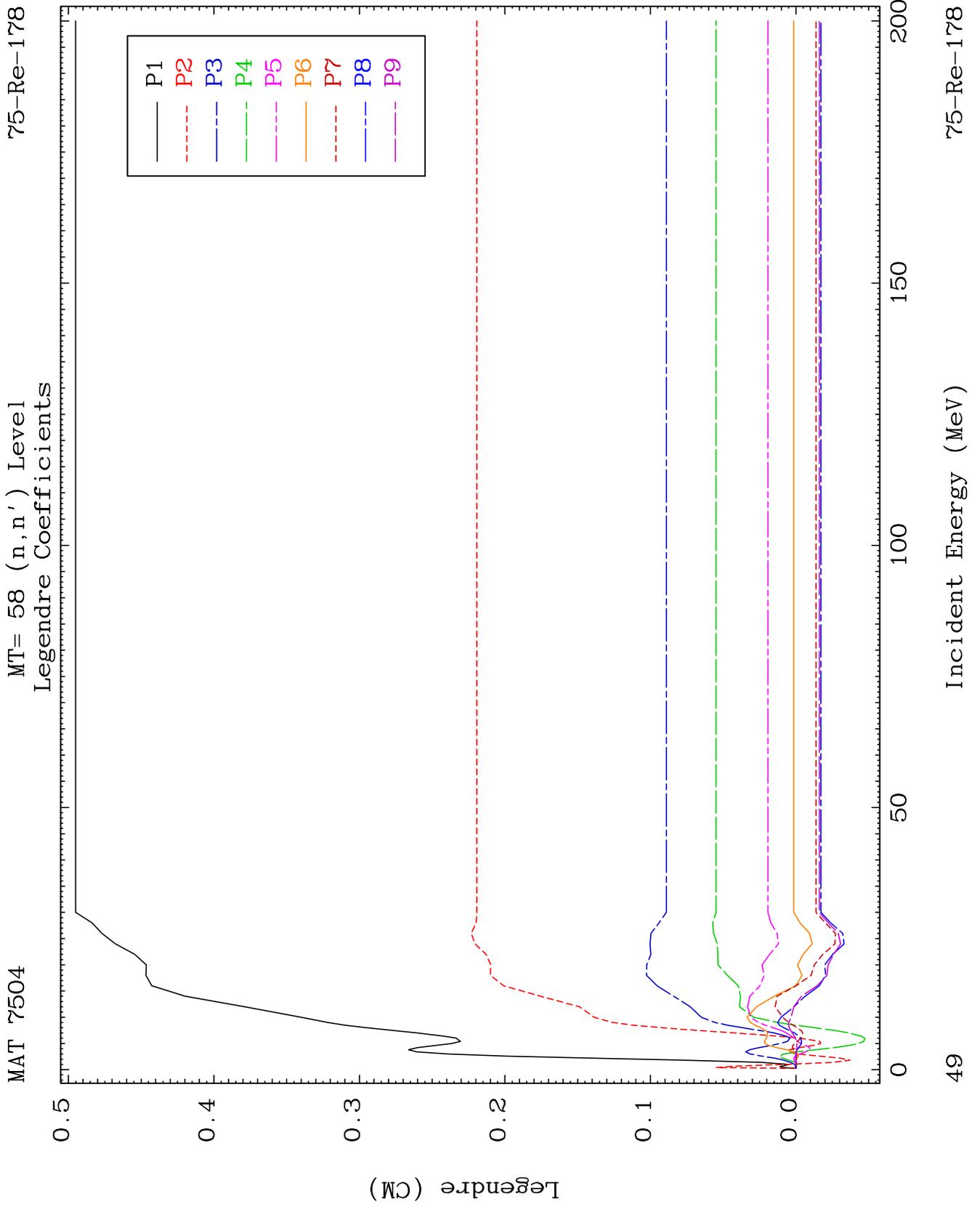
MAT 7504

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

75-Re-178



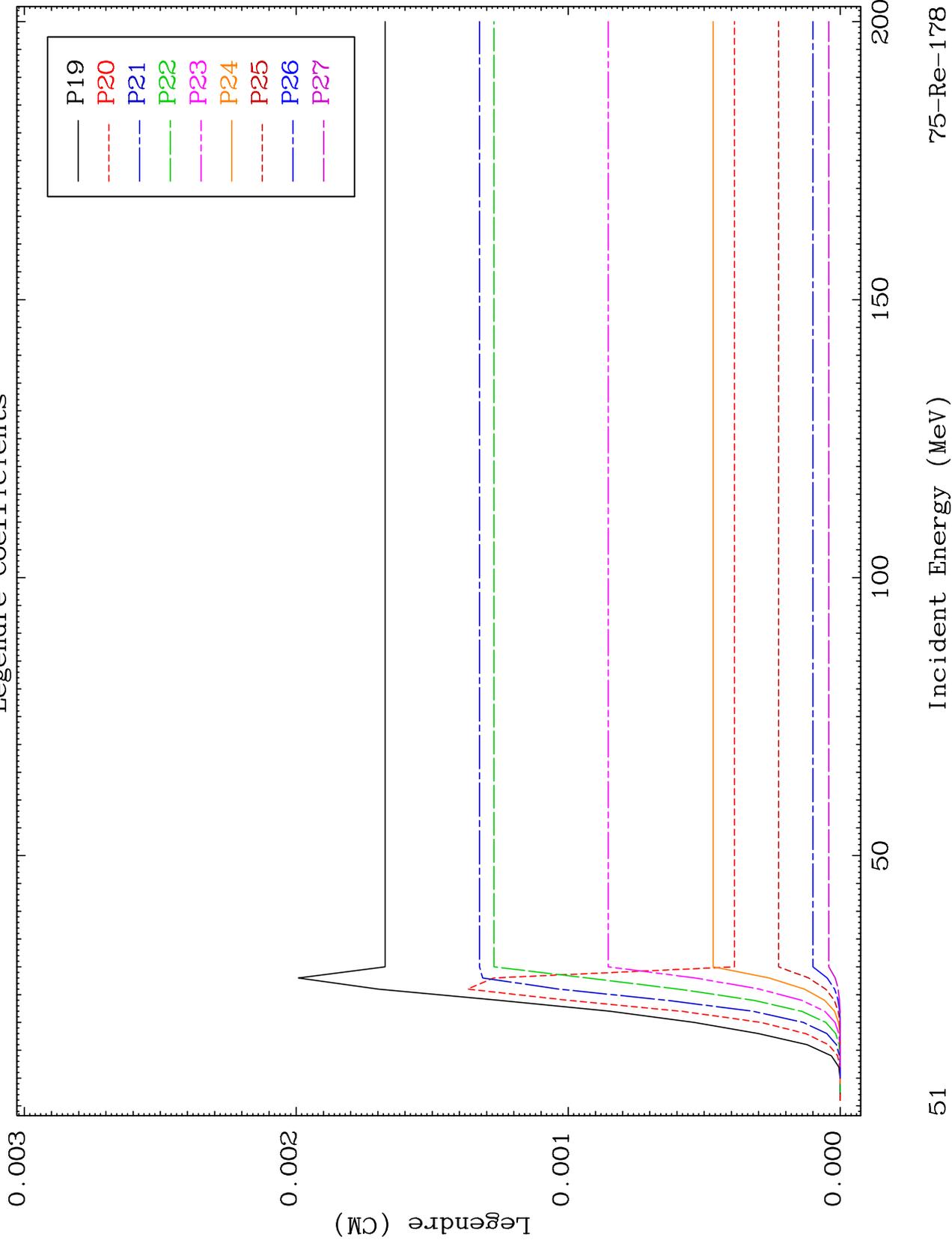
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MAT 7504

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

75-Re-178



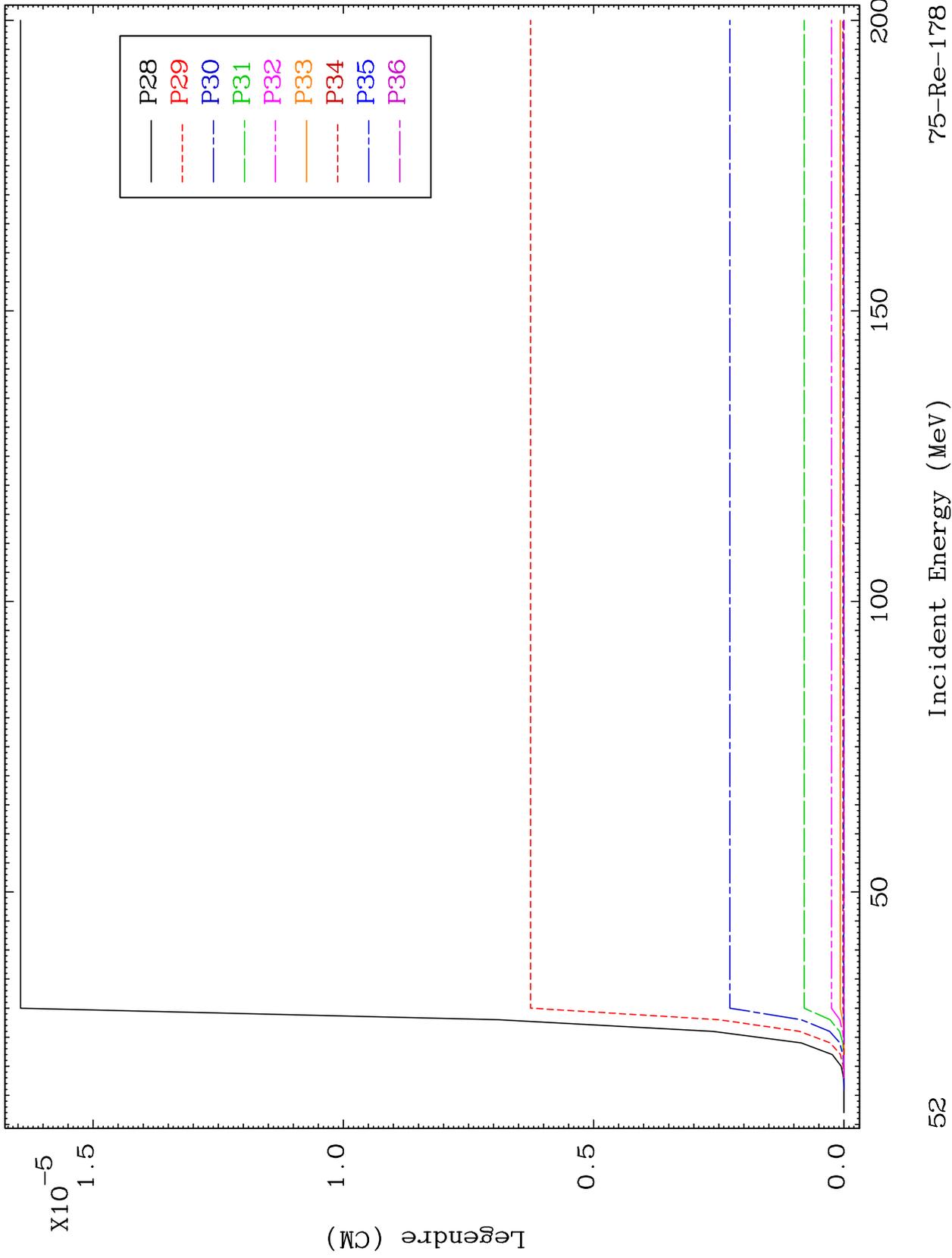
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75-Re-178

MAT 7504

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

75-Re-178



52

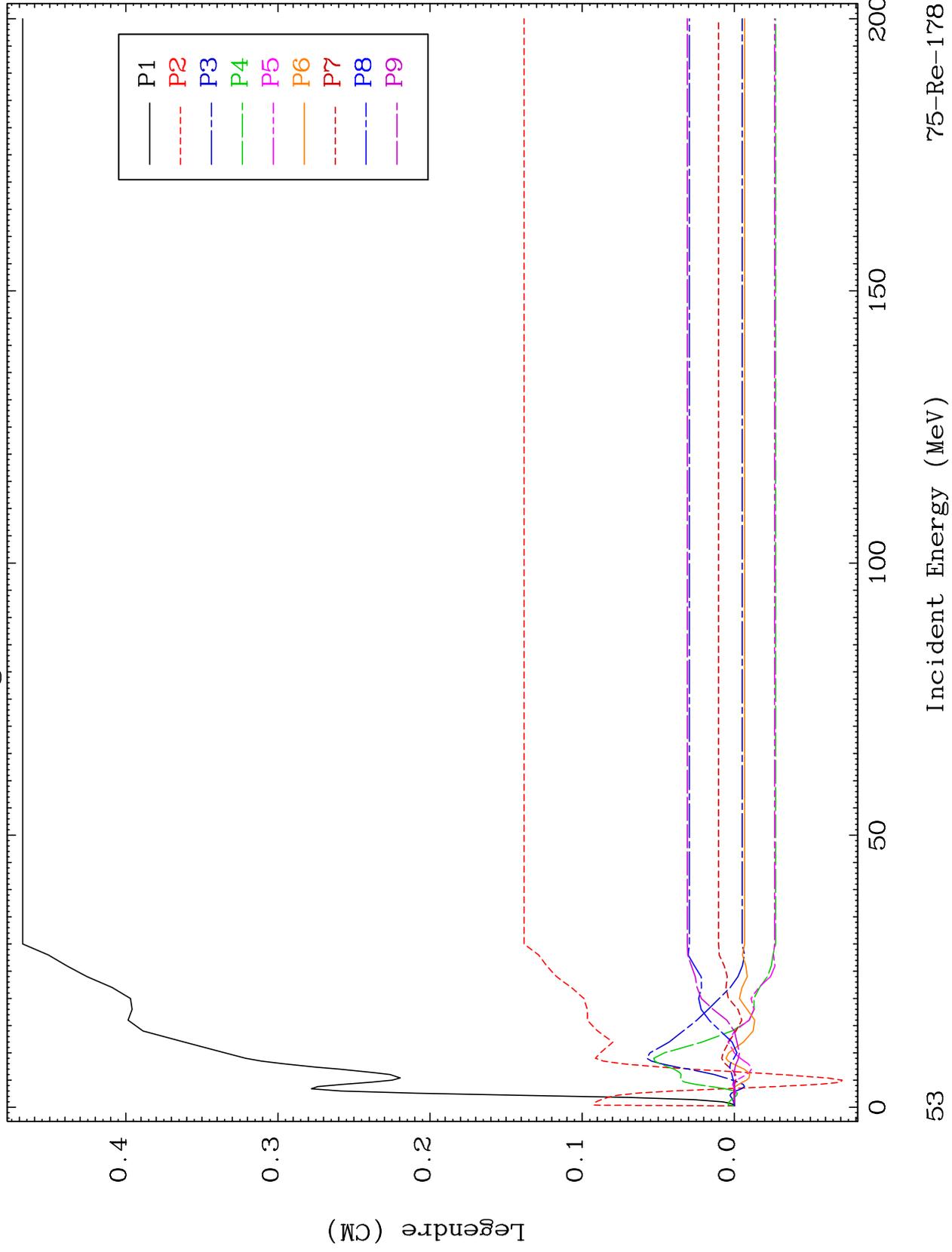
Incident Energy (MeV)

75-Re-178

MAT 7504

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

75-Re-178



75-Re-178

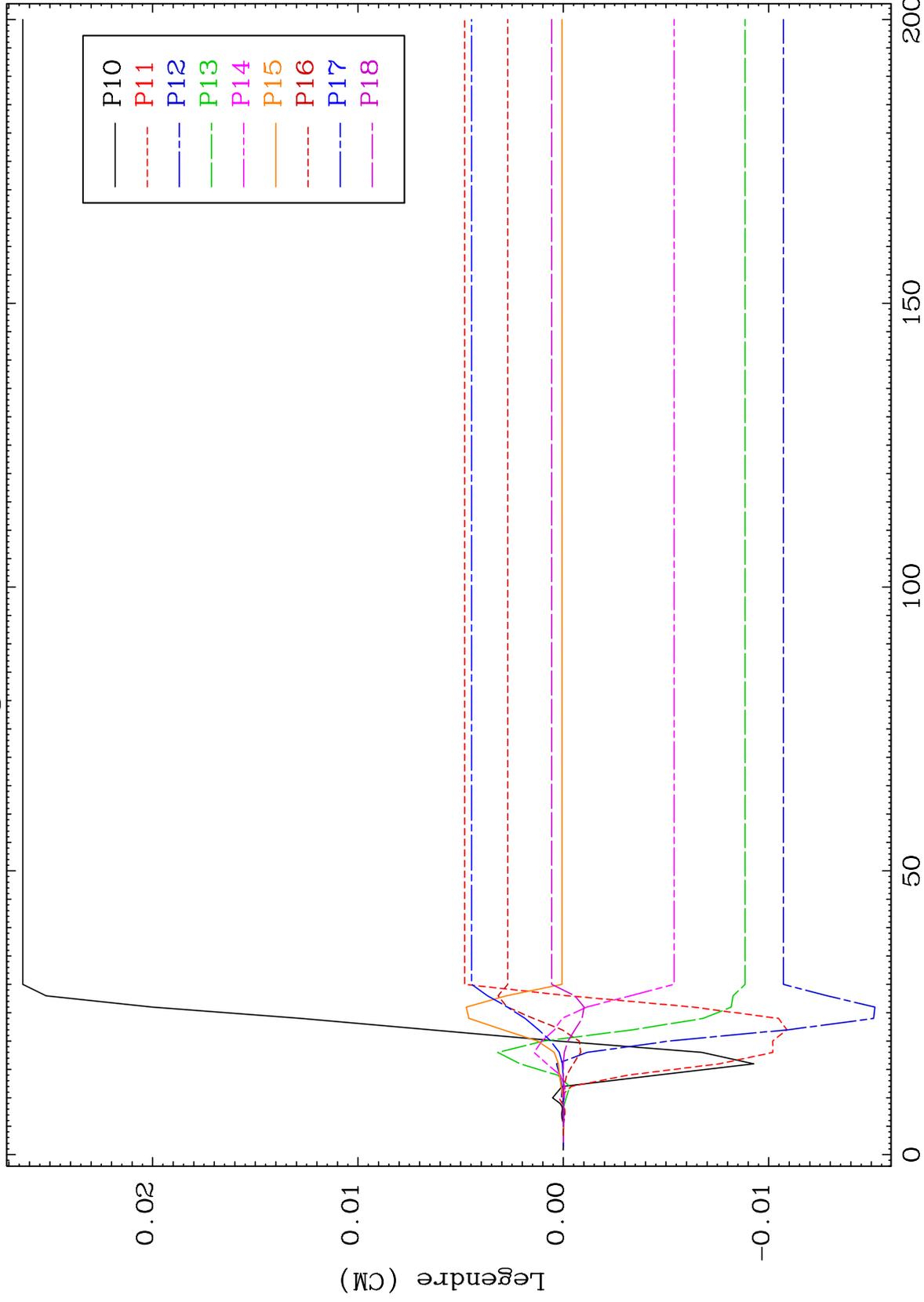
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MT= 59 (n,n') Level
Legendre Coefficients

75-Re-178



54

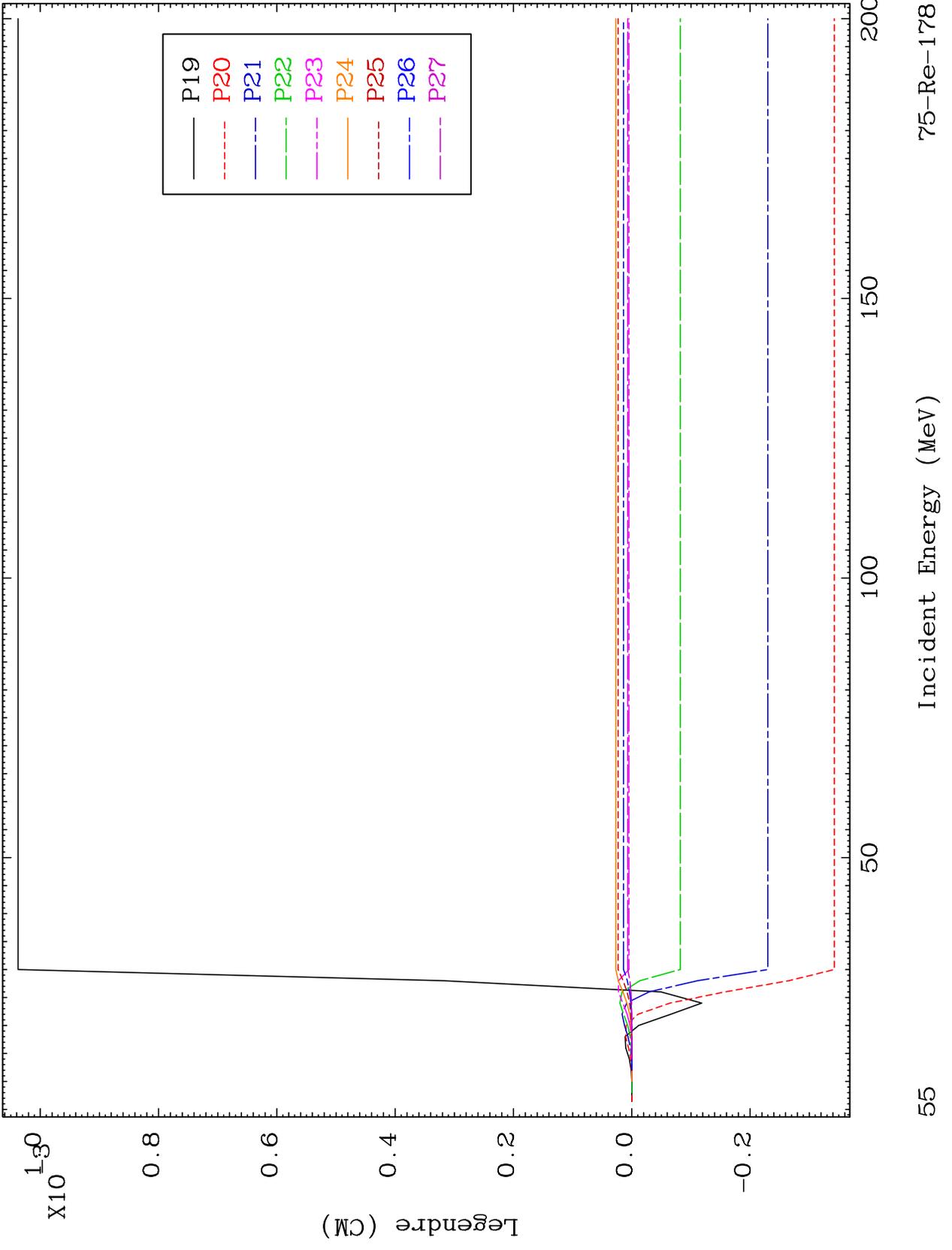
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75-Re-178

MAT 7504

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

75-Re-178



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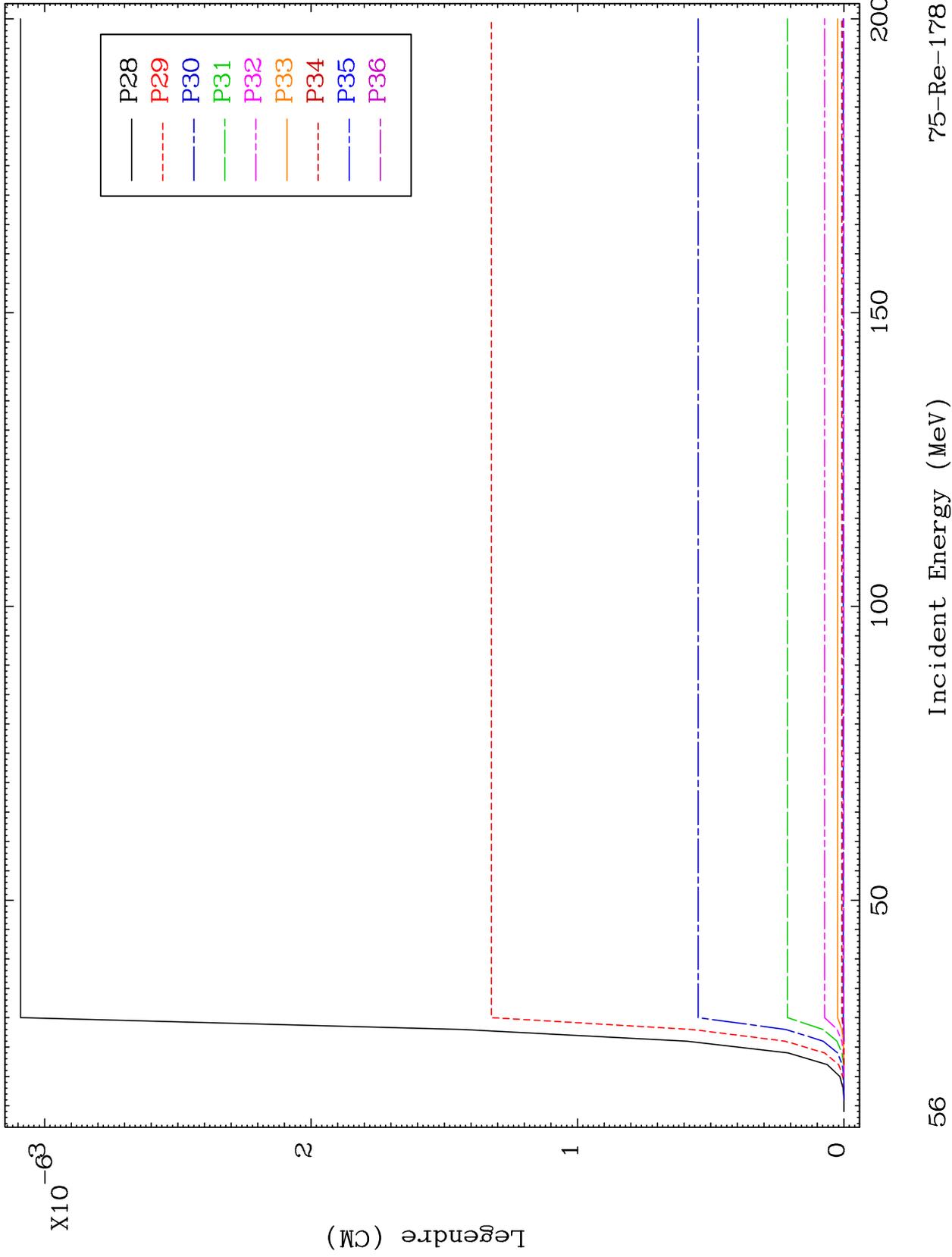
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MAT 7504

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

75-Re-178



56

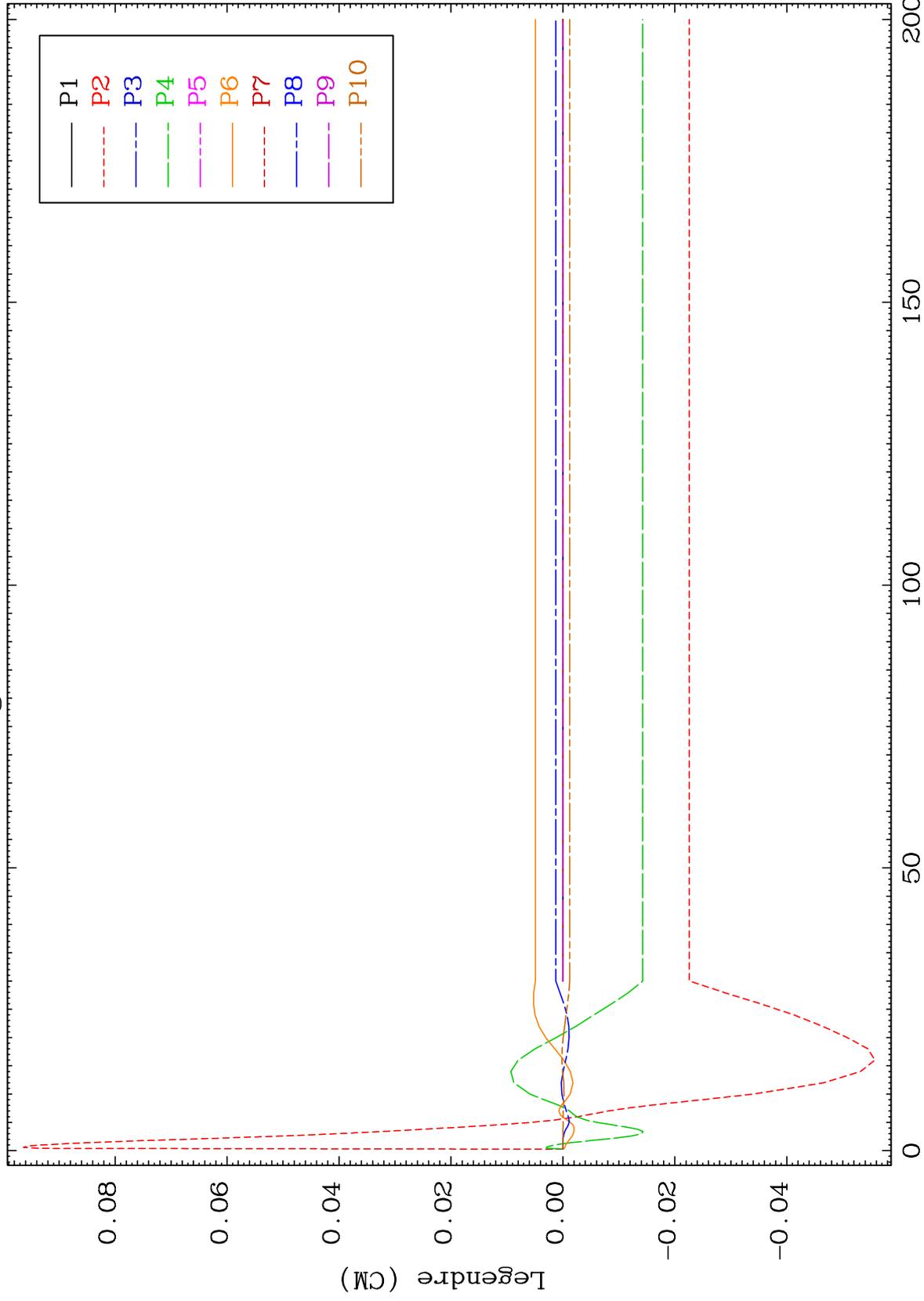
Incident Energy (MeV)

75-Re-178

MAT 7504

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

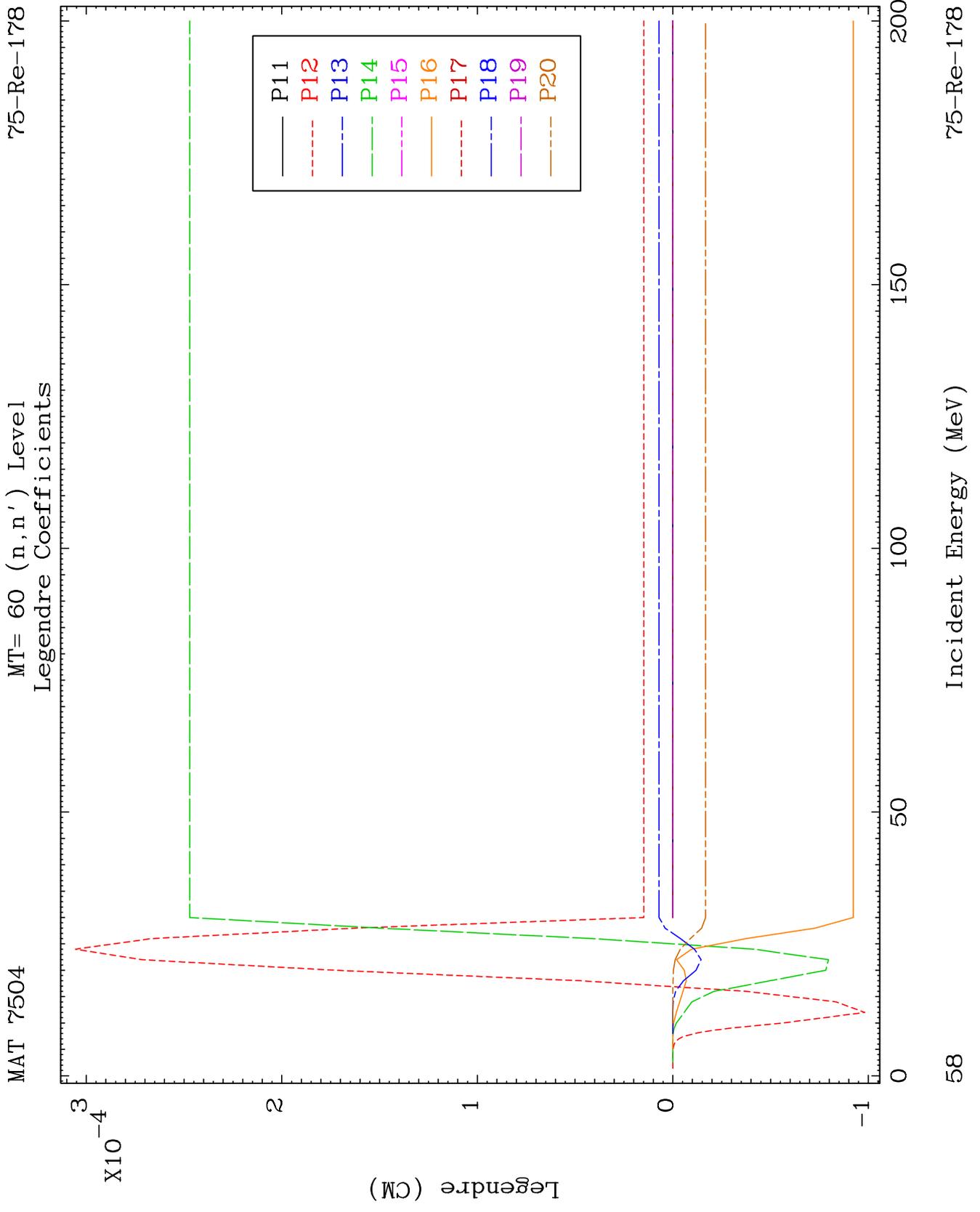
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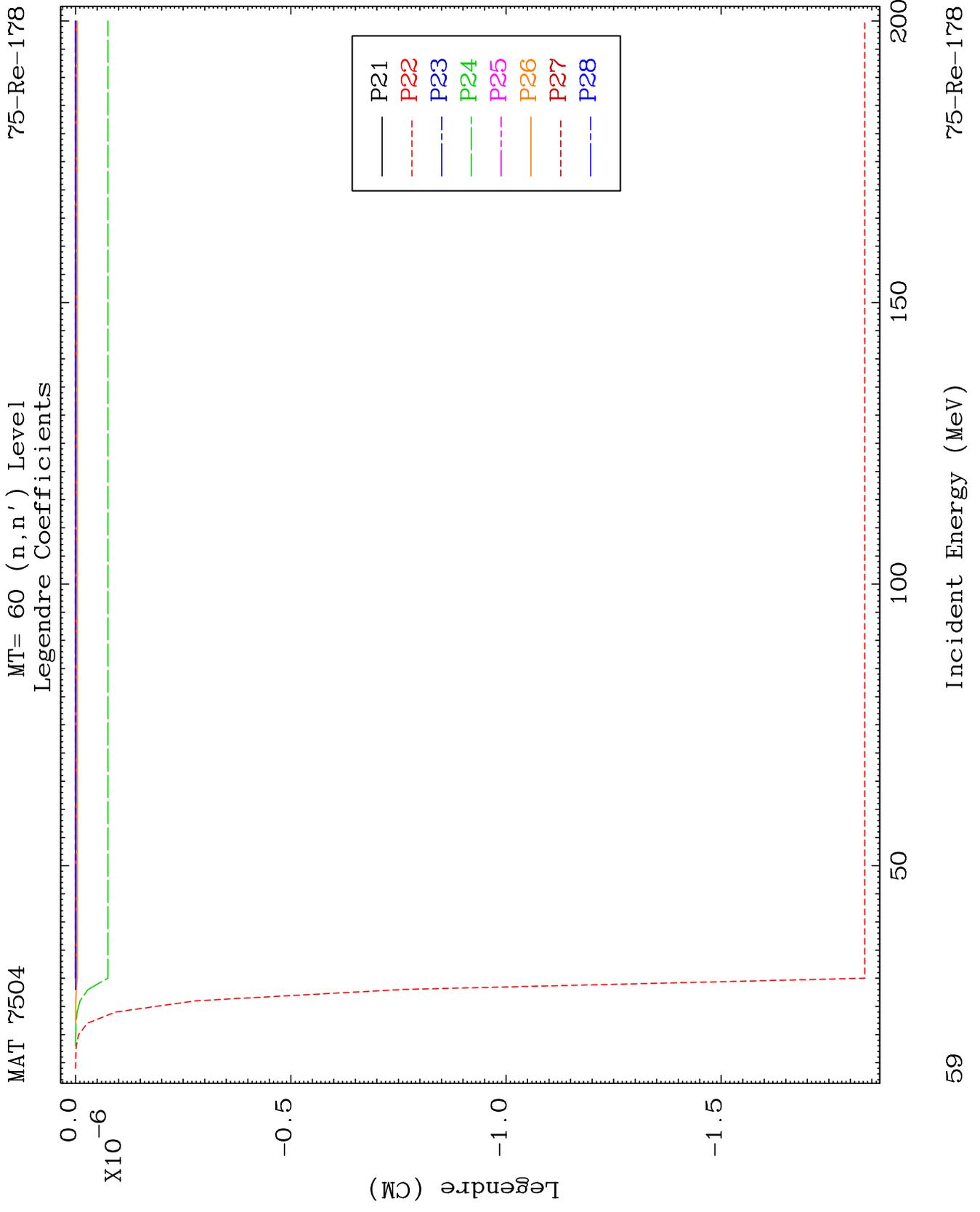


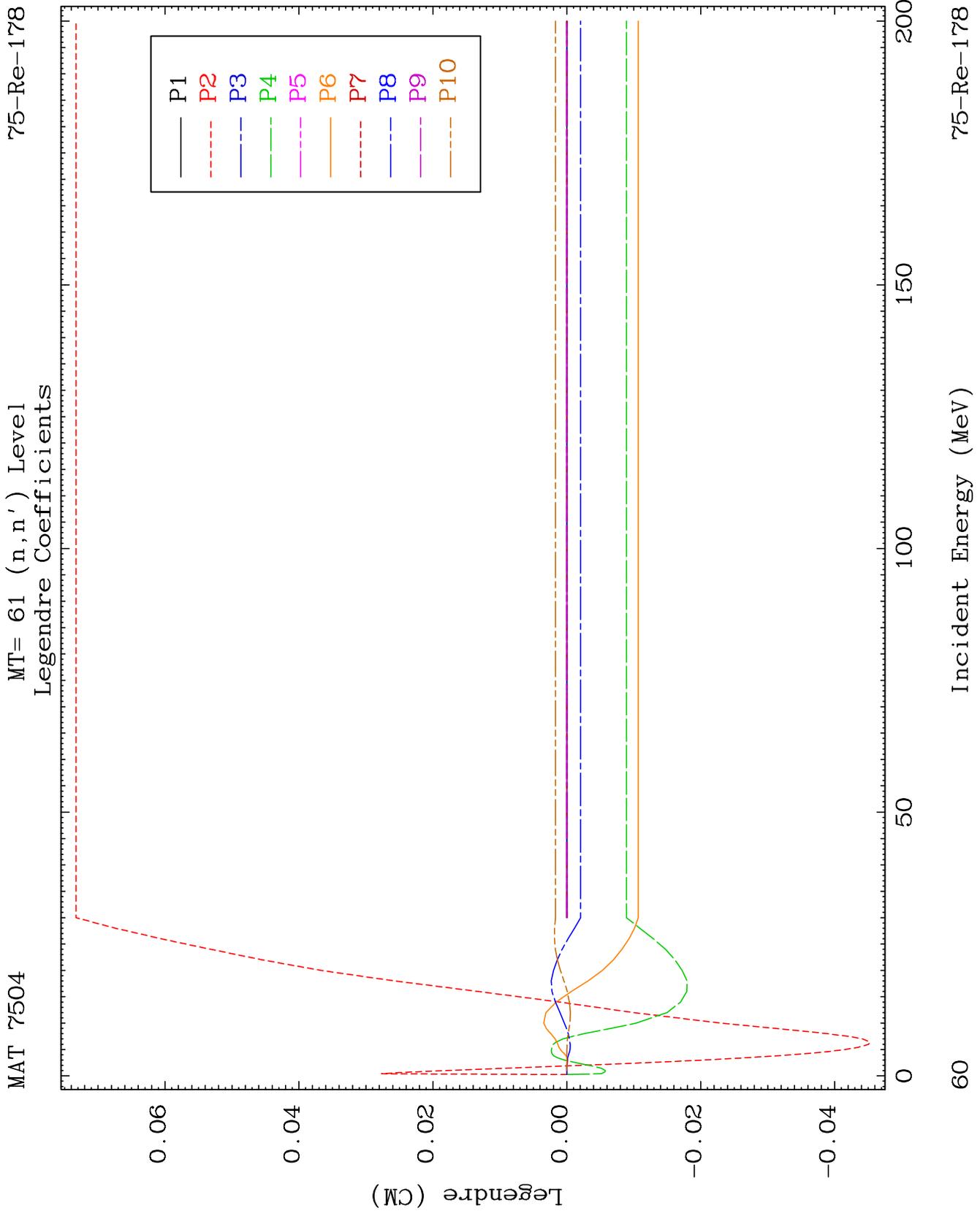
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Incident Energy (MeV)

75-Re-178



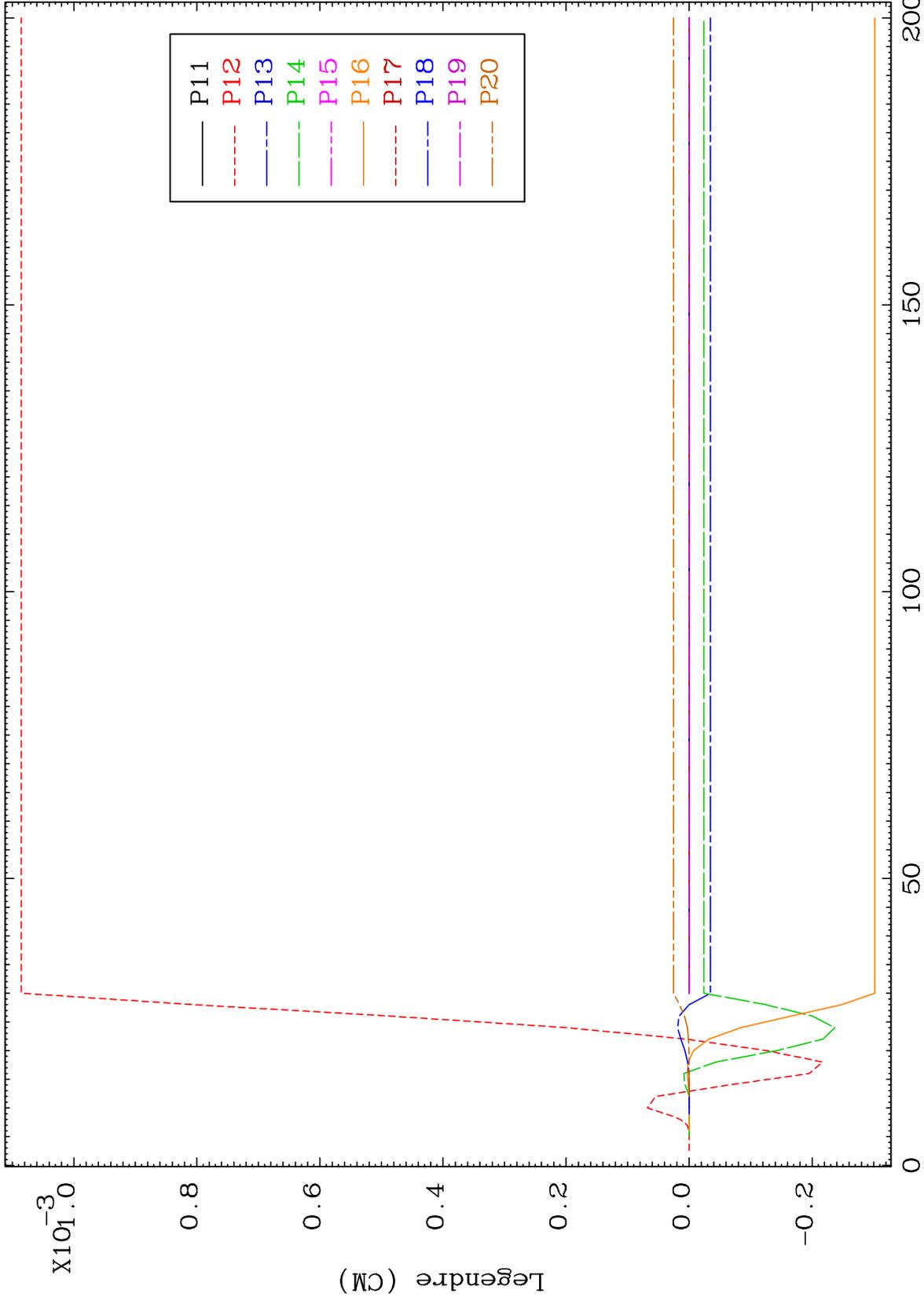




MAT 7504

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

75-Re-178



61

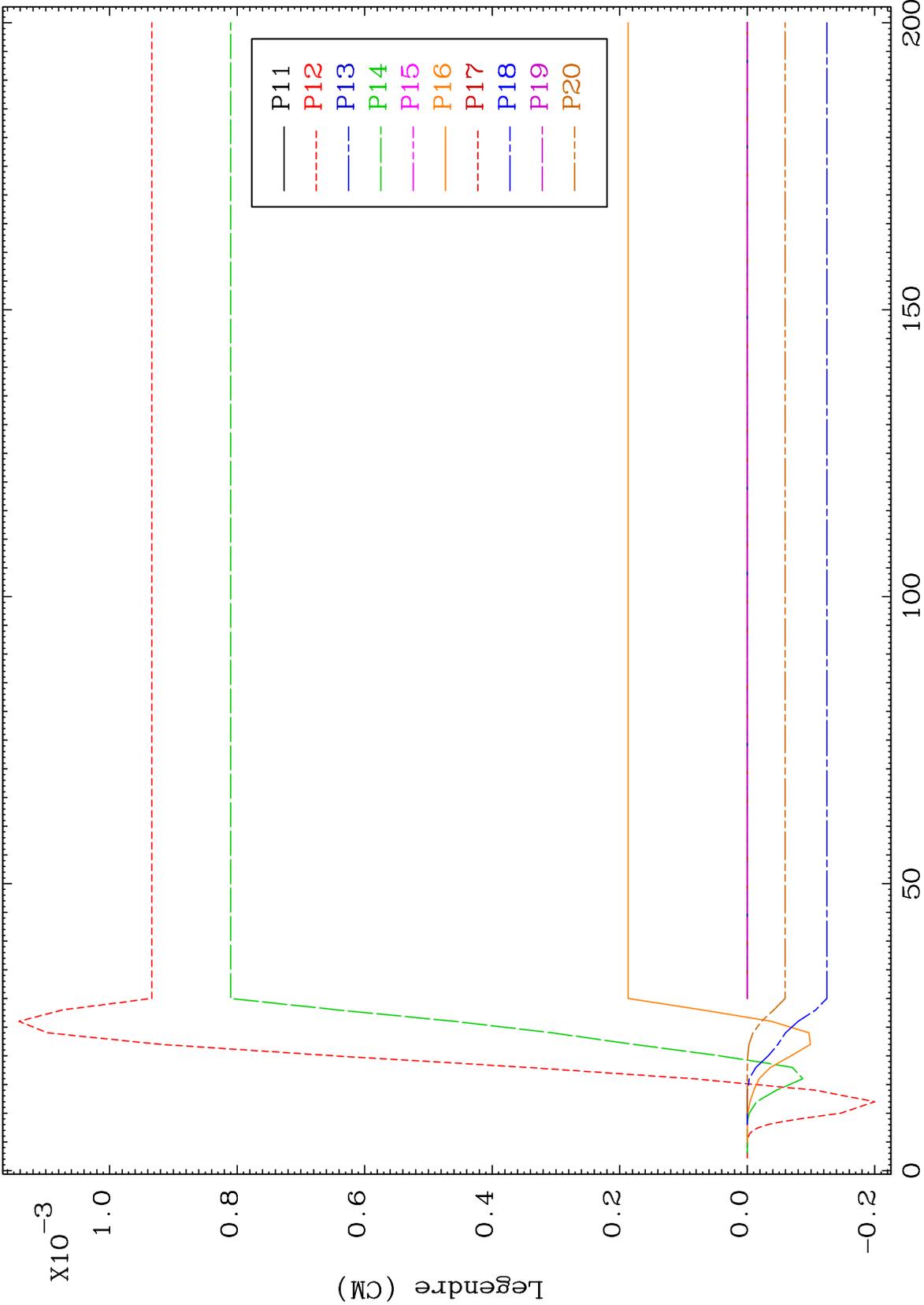
Incident Energy (MeV)

75-Re-178

MAT 7504

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

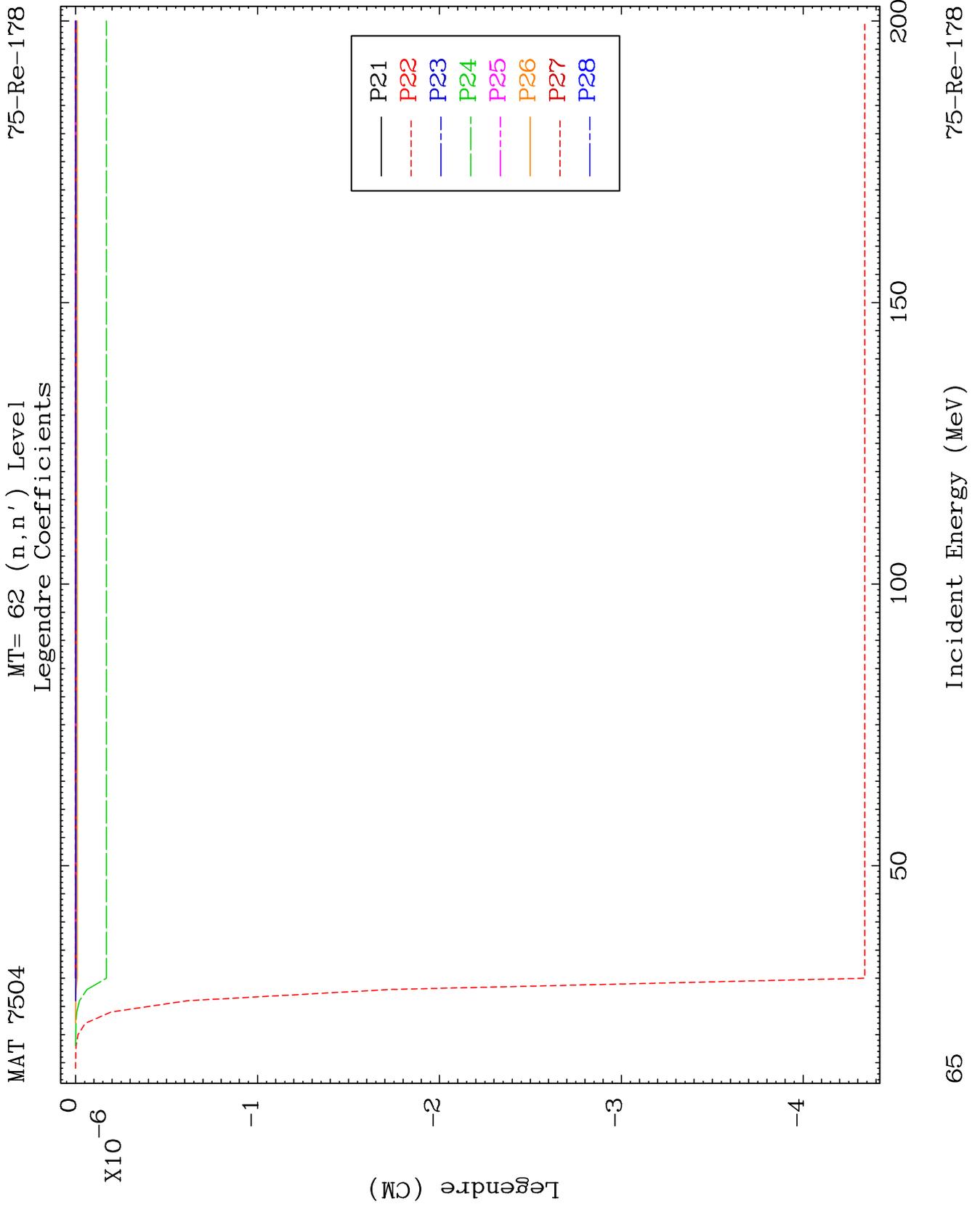
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64

Incident Energy (MeV)

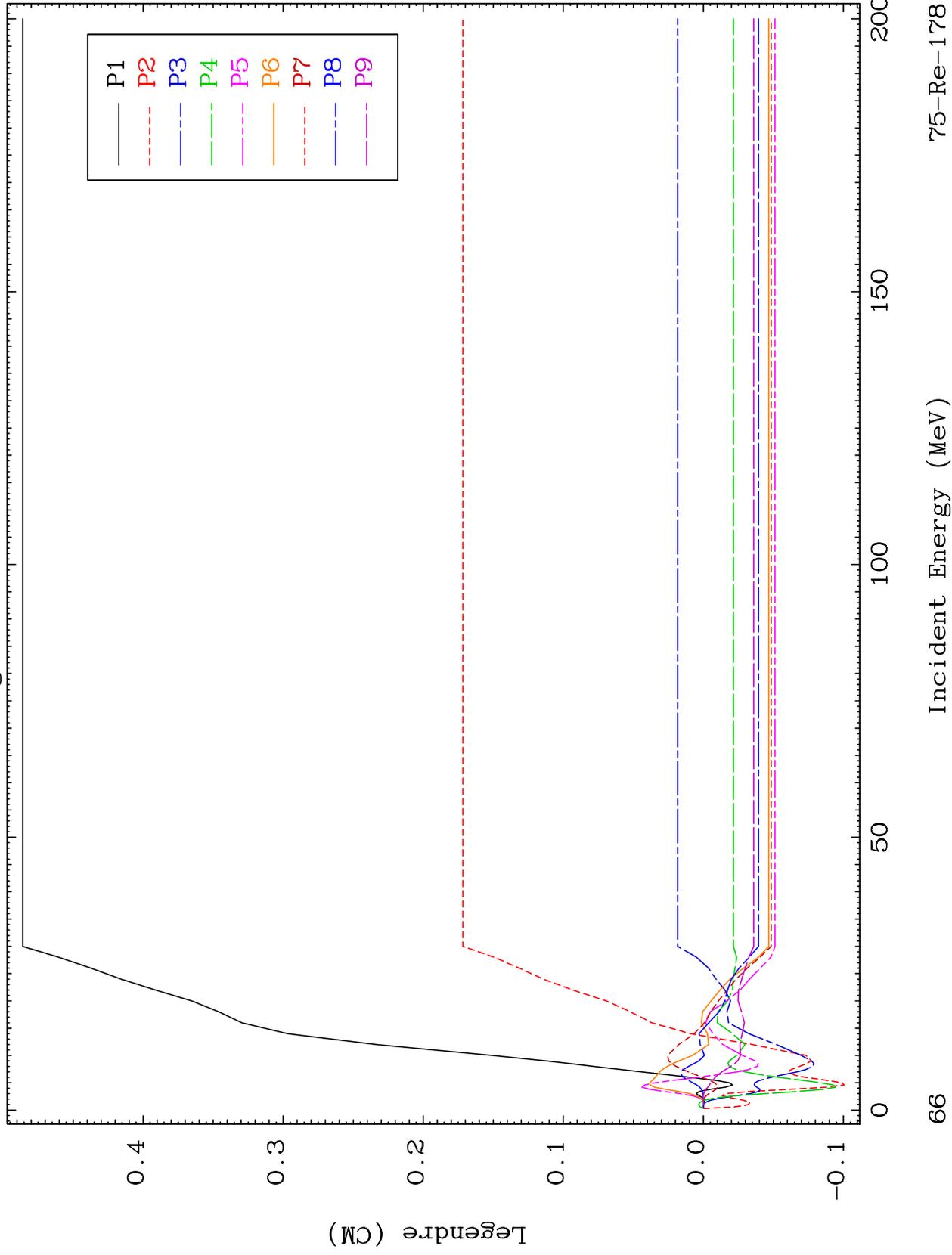
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MAT 7504

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

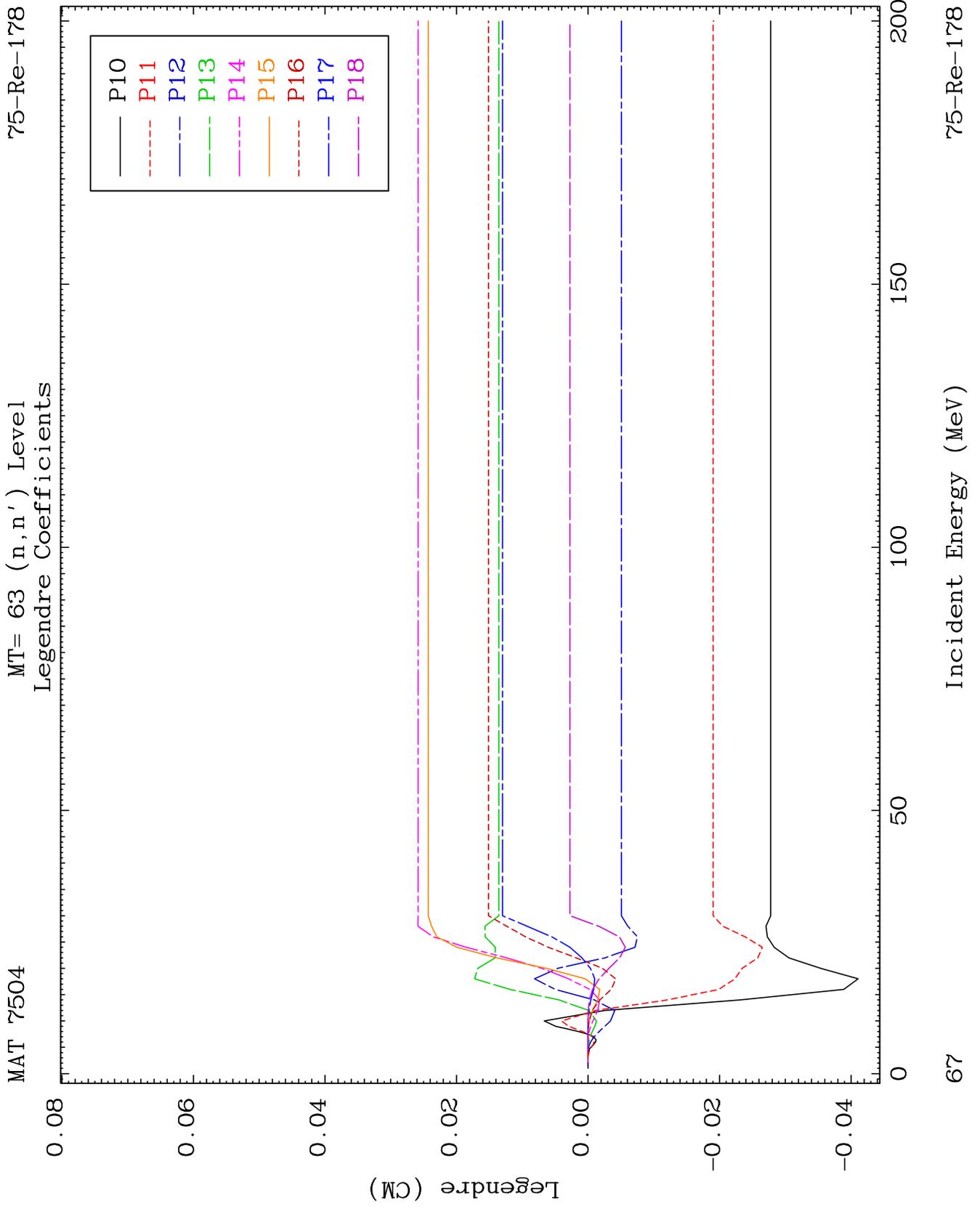
75-Re-178



66

Incident Energy (MeV)

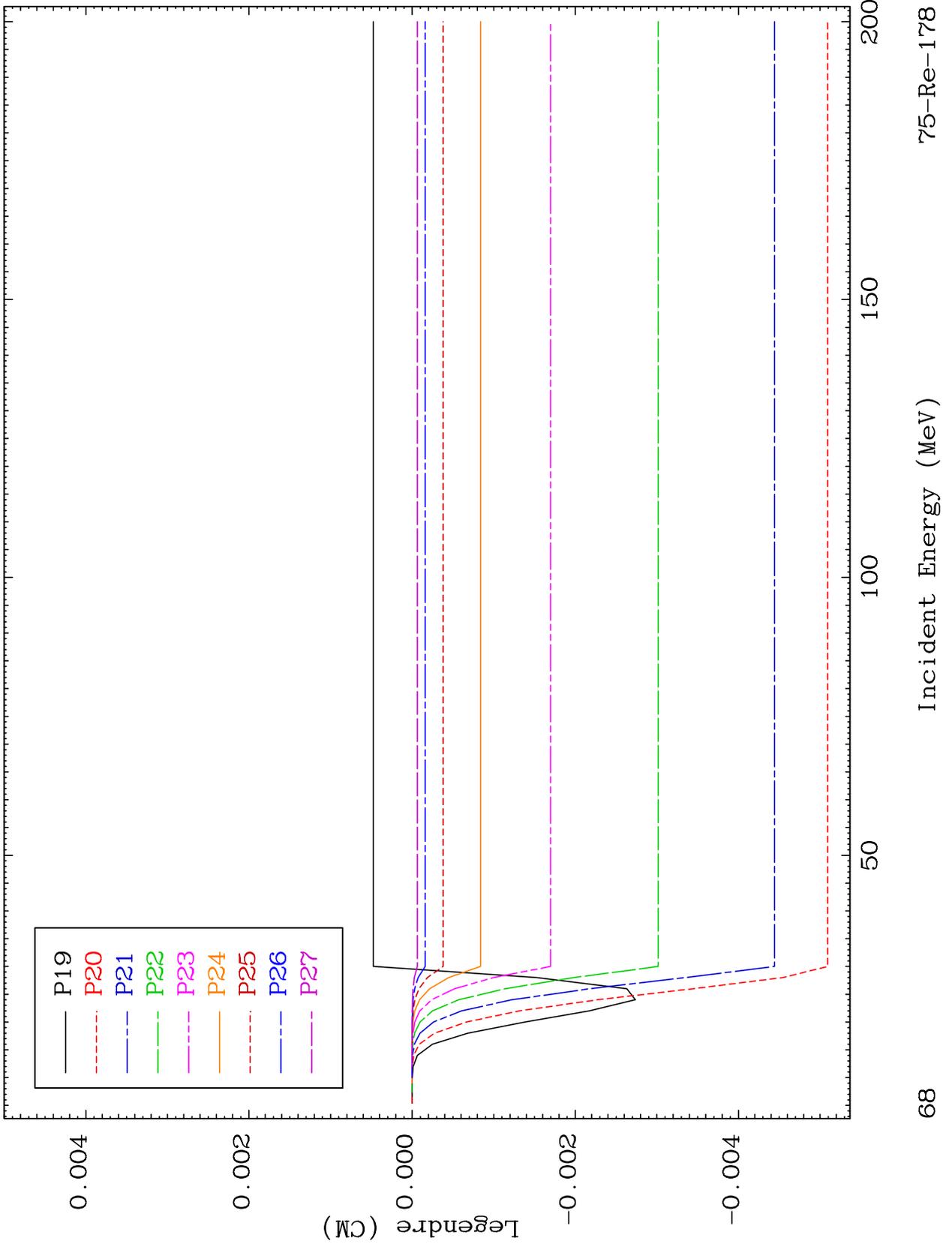
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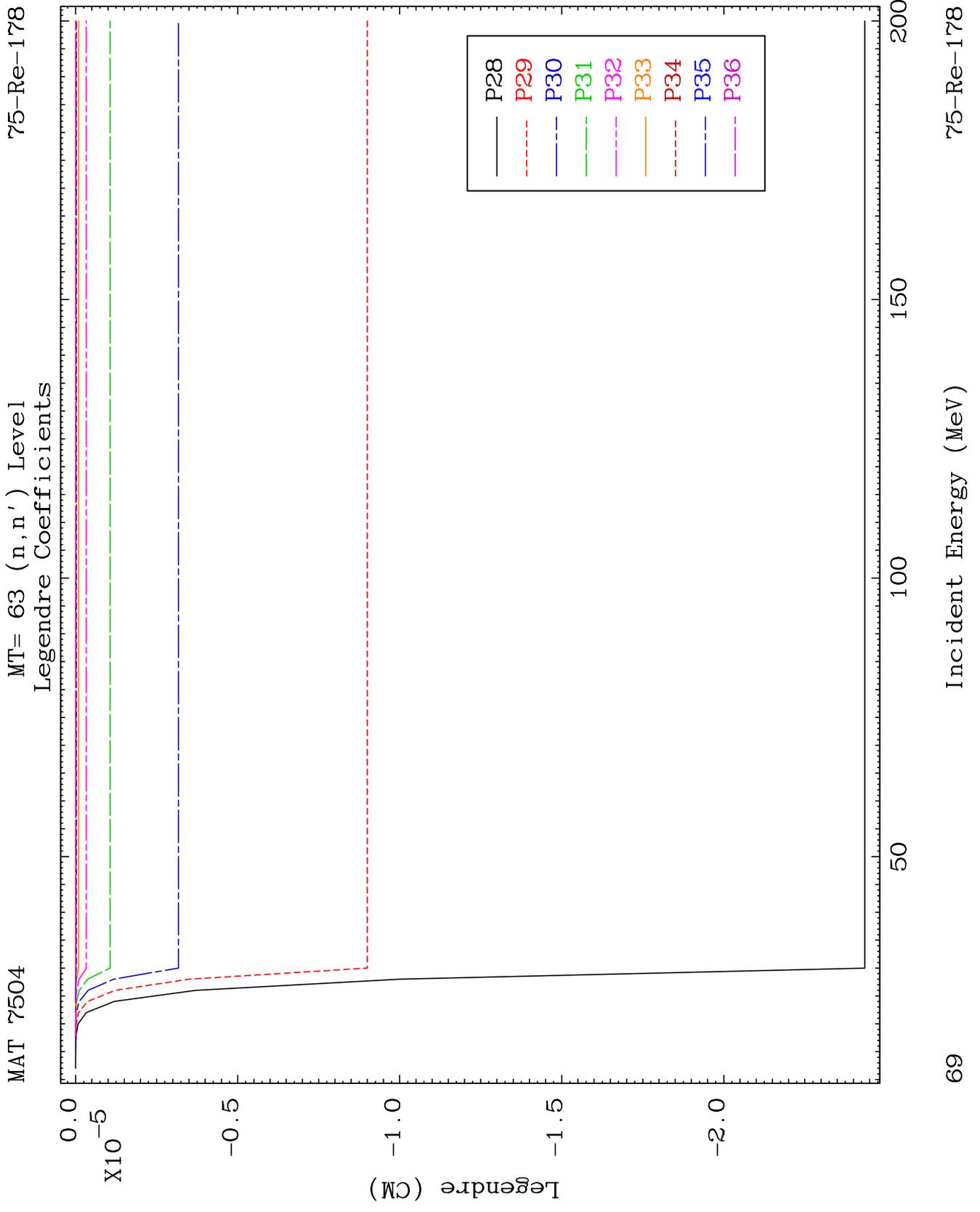


MAT 7504

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

75-Re-178

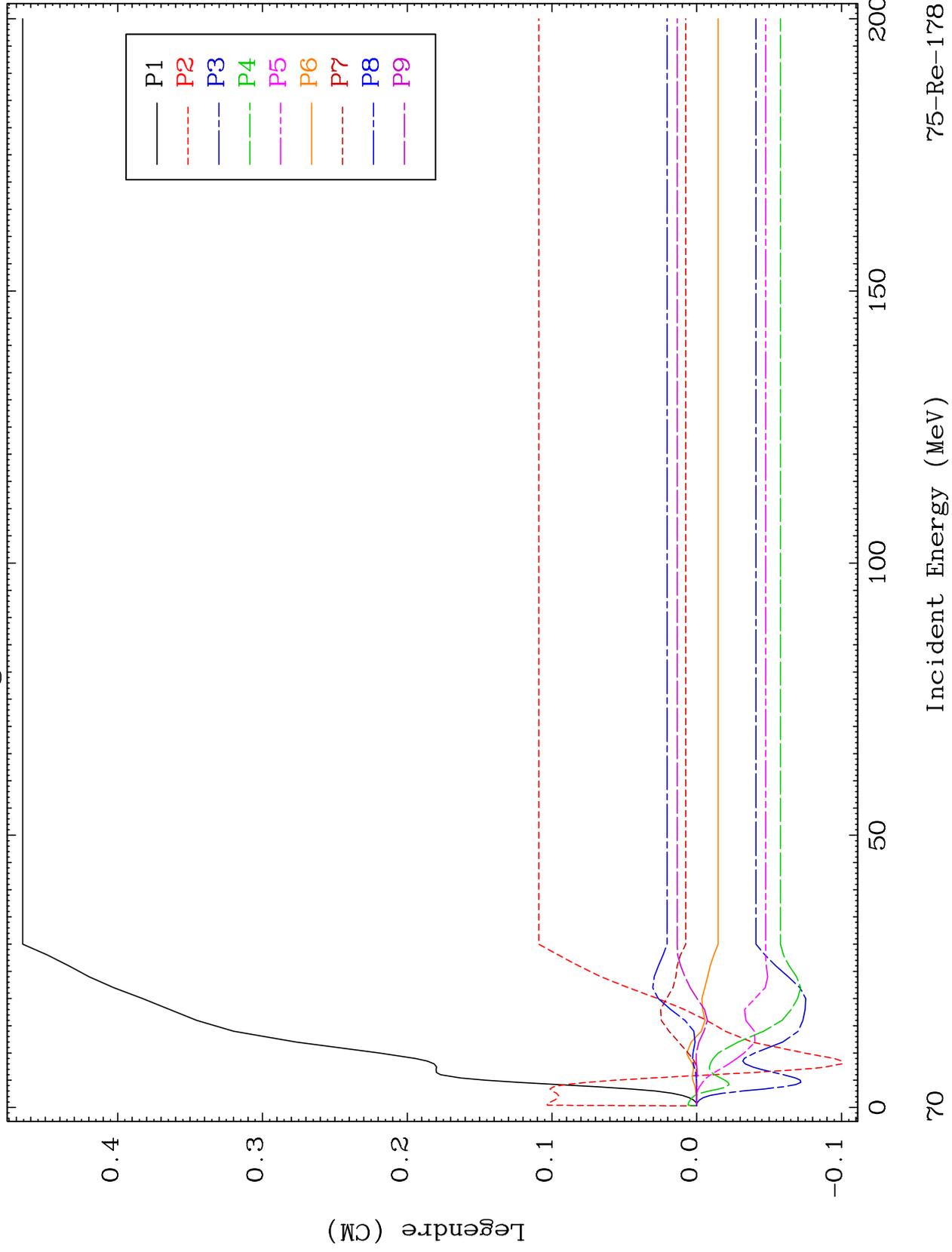




MAT 7504

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

75-Re-178



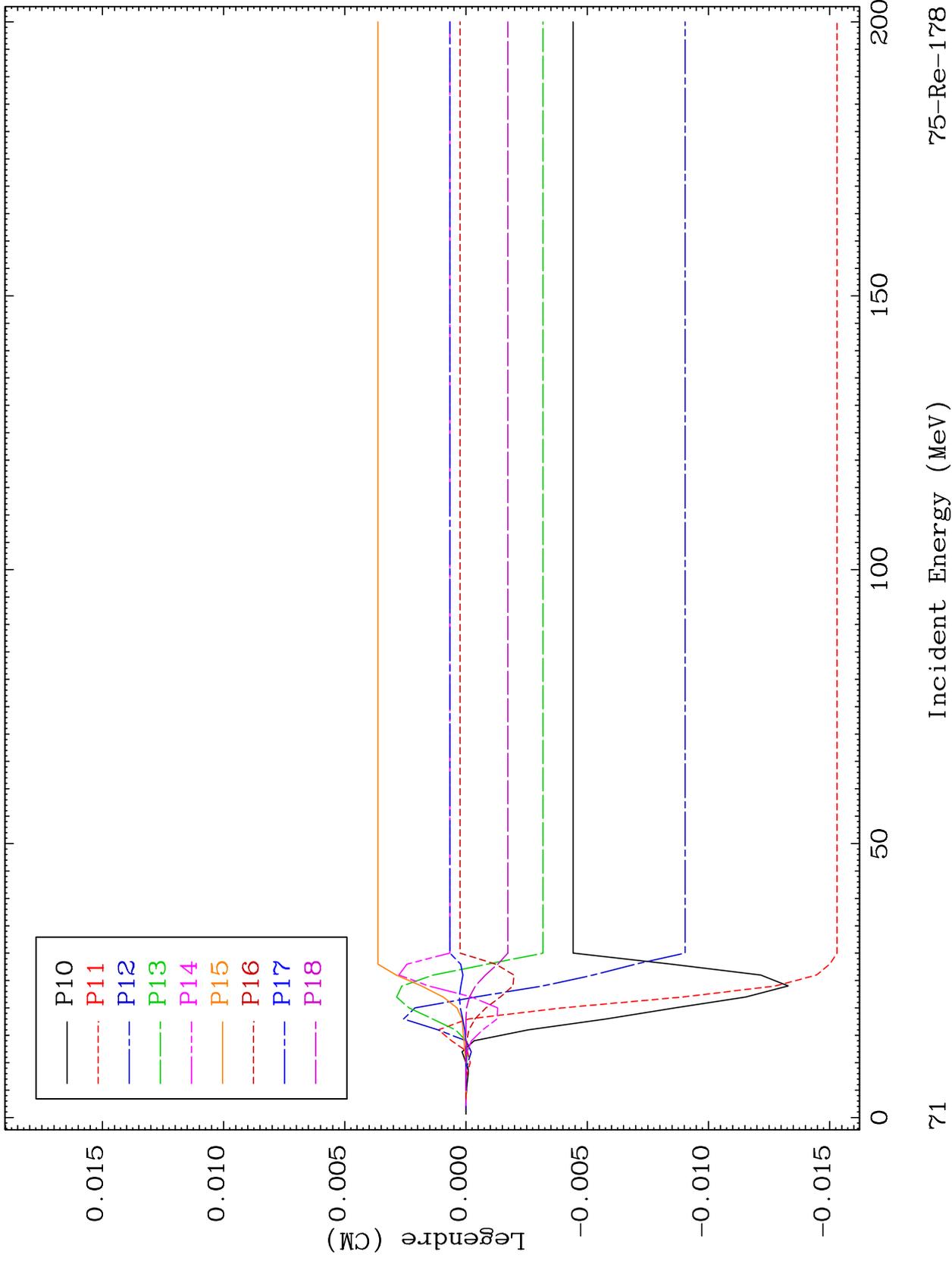
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Incident Energy (MeV)

MAT 7504

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

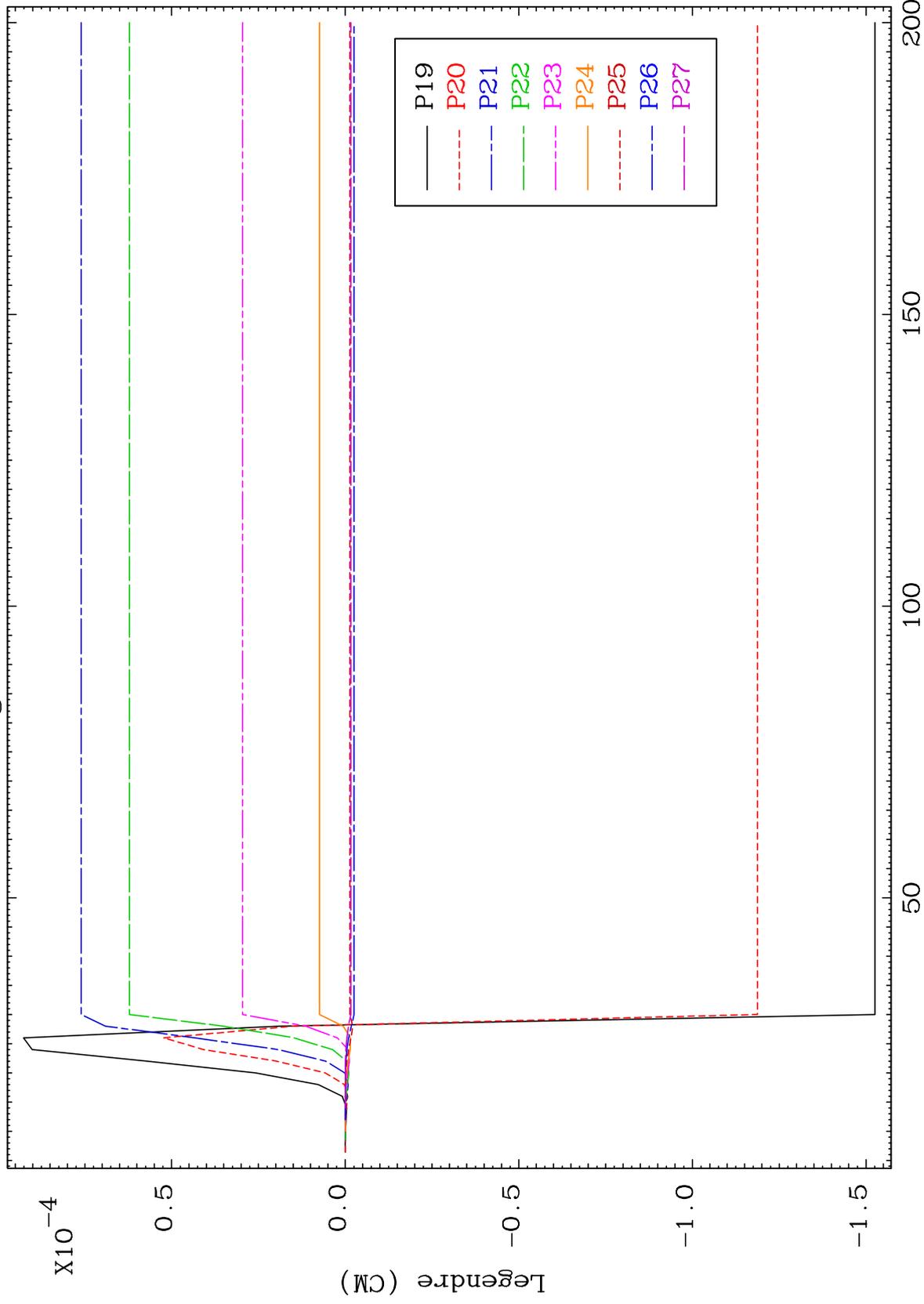
75-Re-178



MAT 7504

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

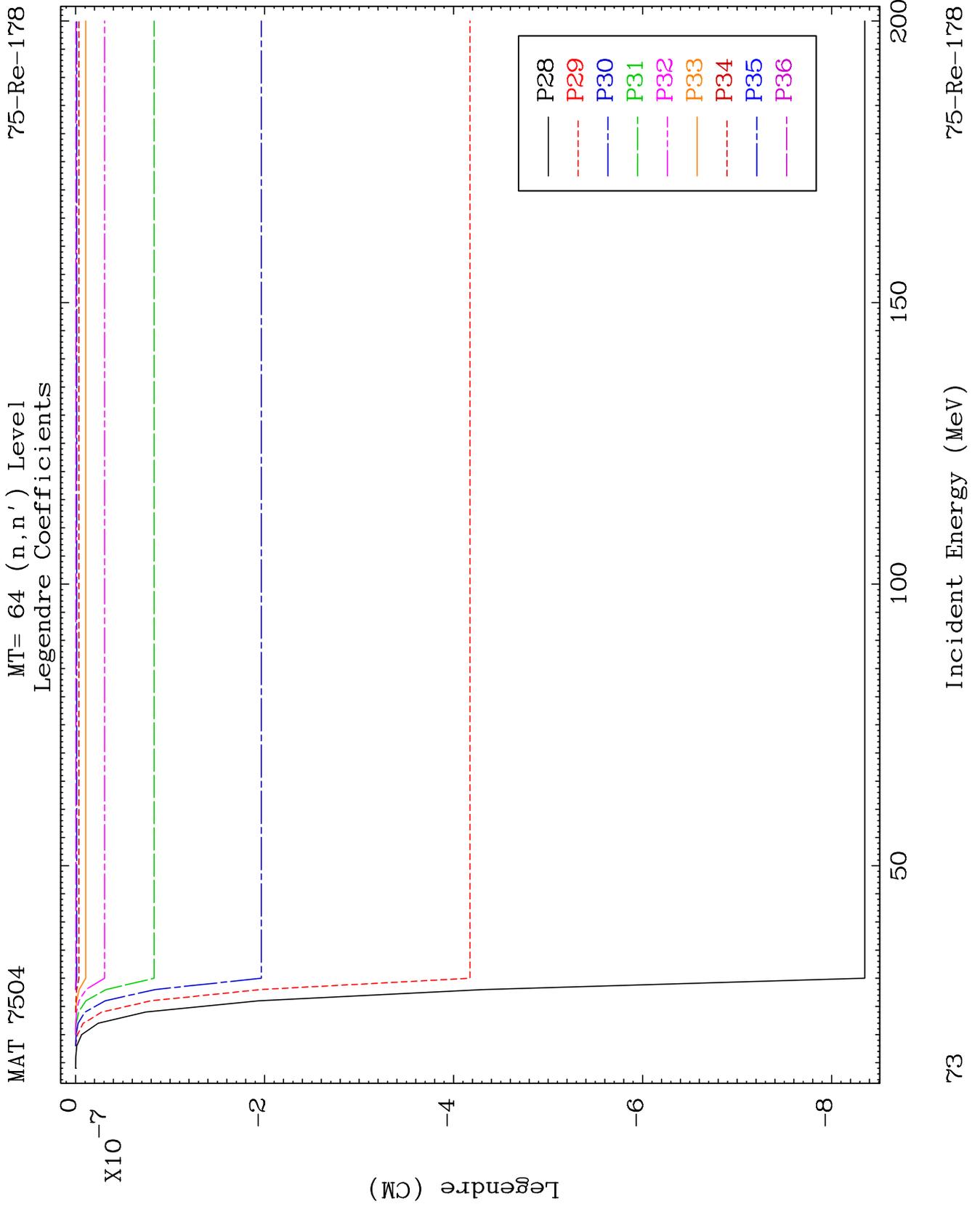
75-Re-178

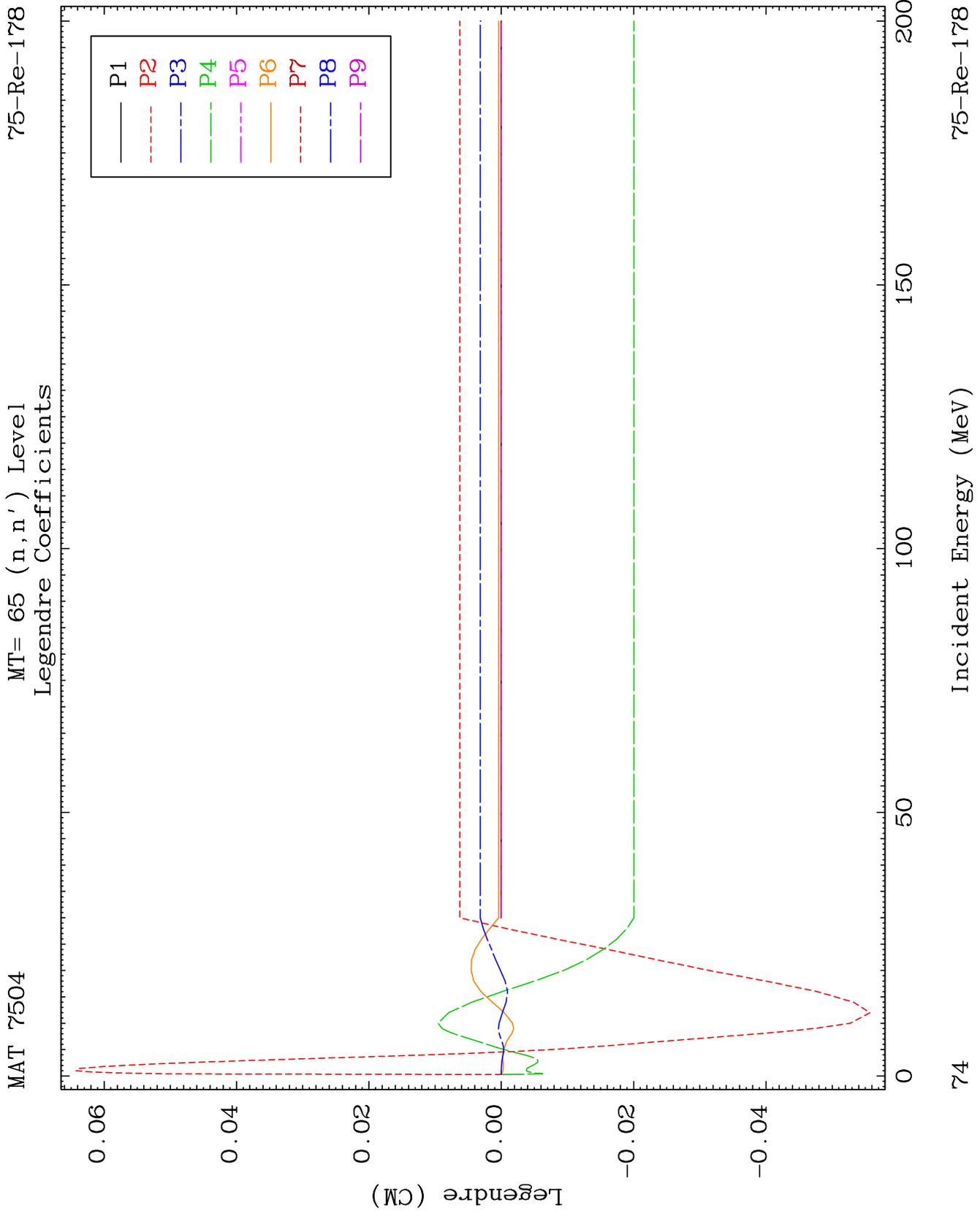


72

Incident Energy (MeV)

75-Re-178

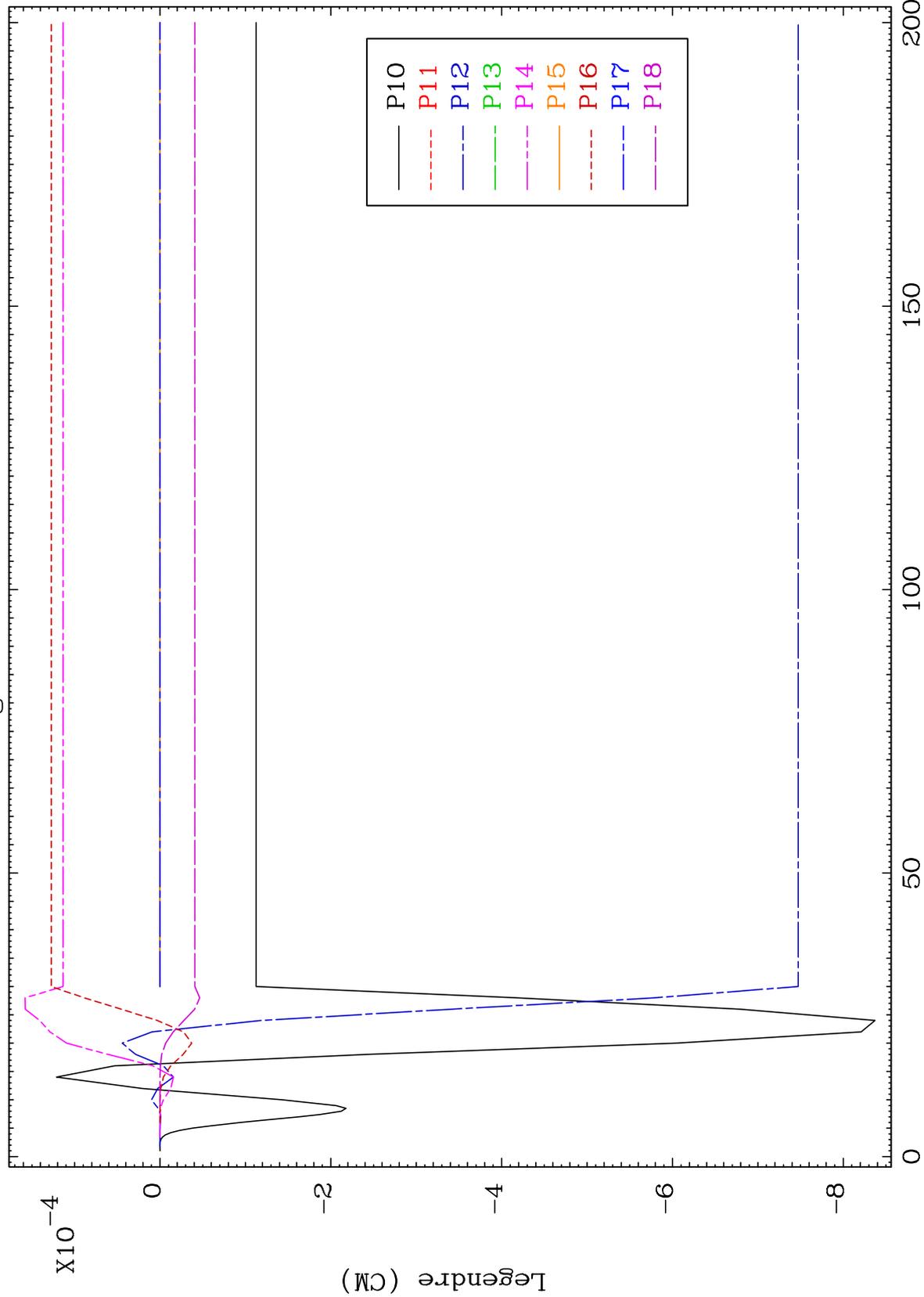




MAT 7504

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

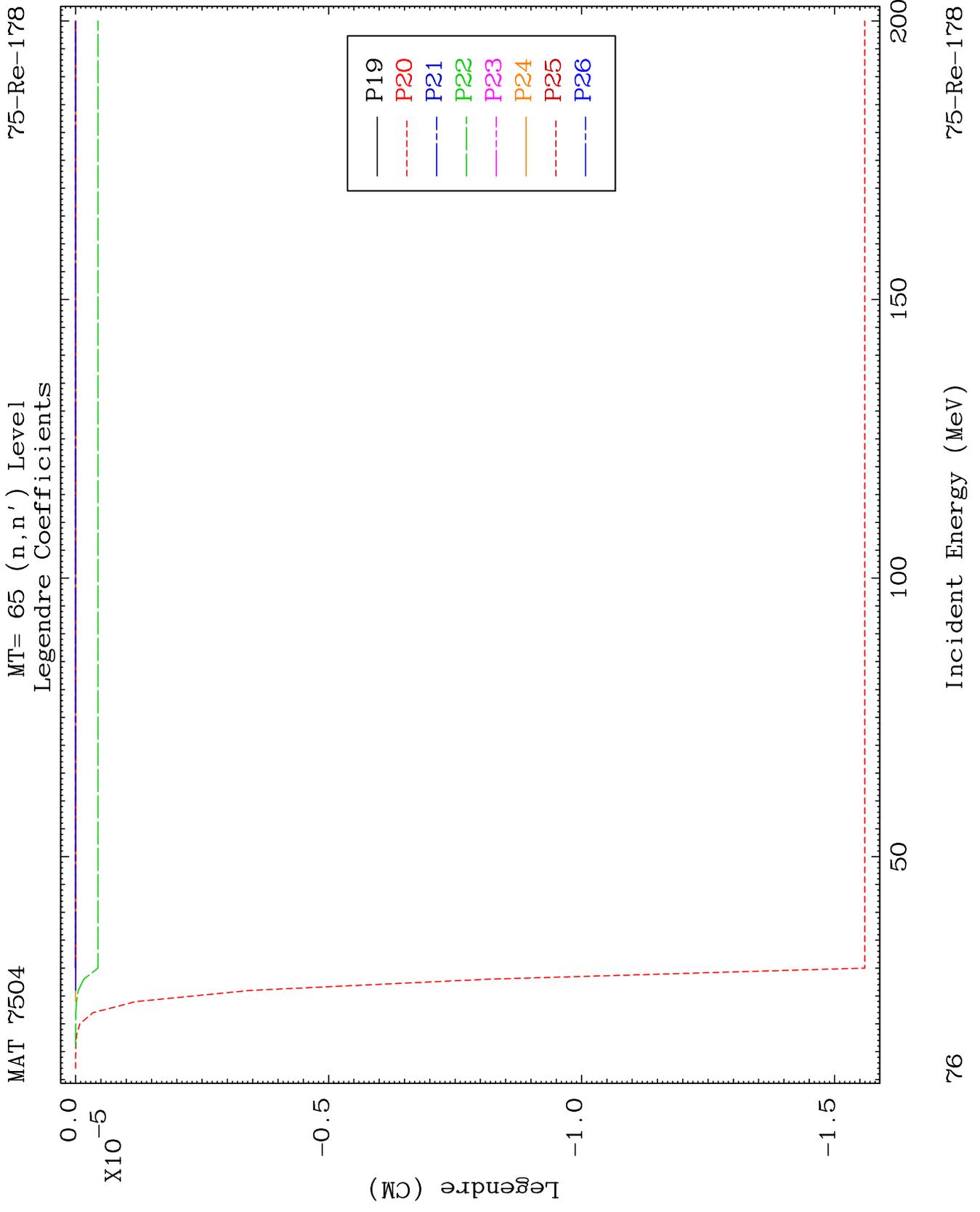
75-Re-178



75

Incident Energy (MeV)

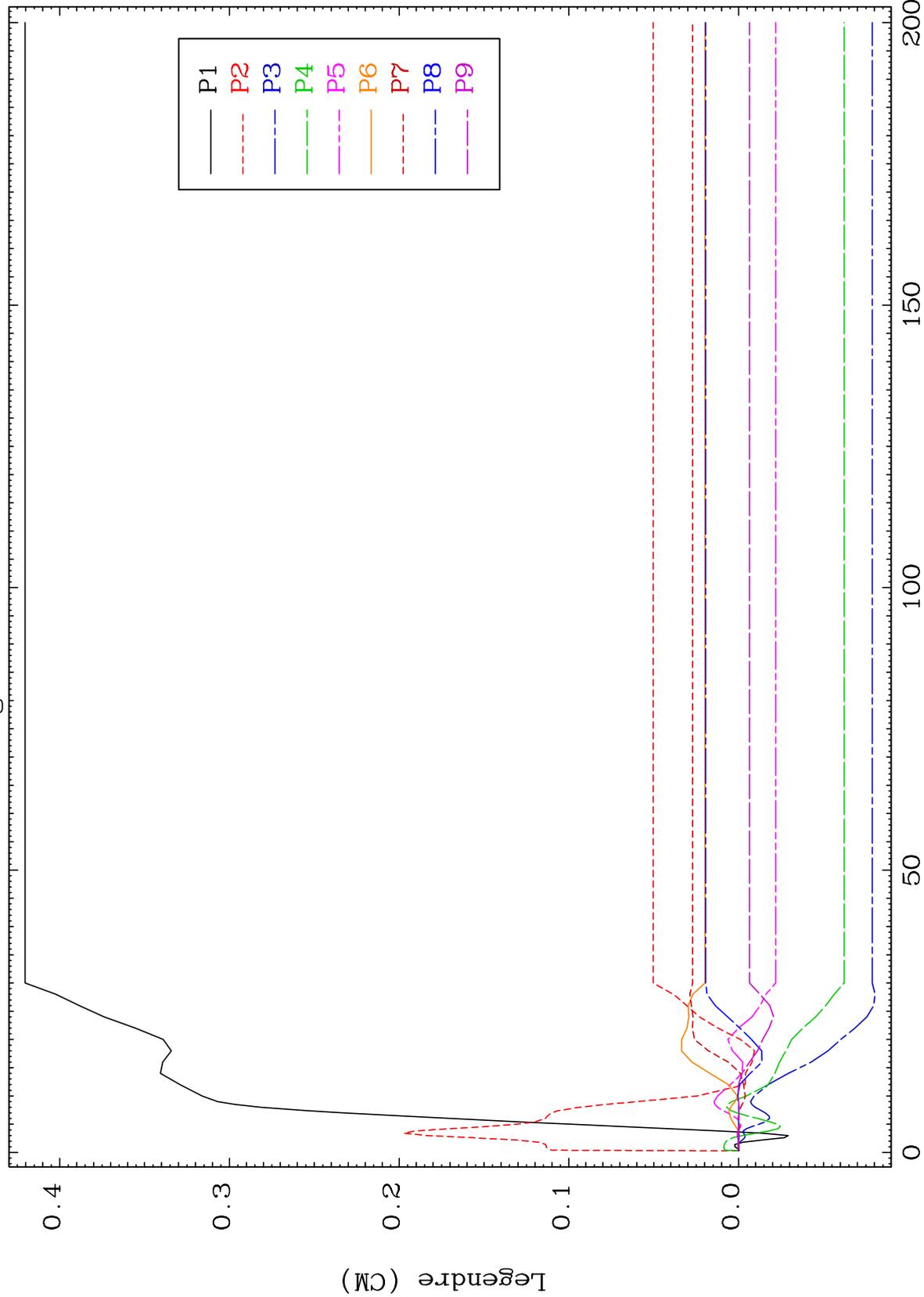
75-Re-178



MAT 7504

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

75-Re-178



77

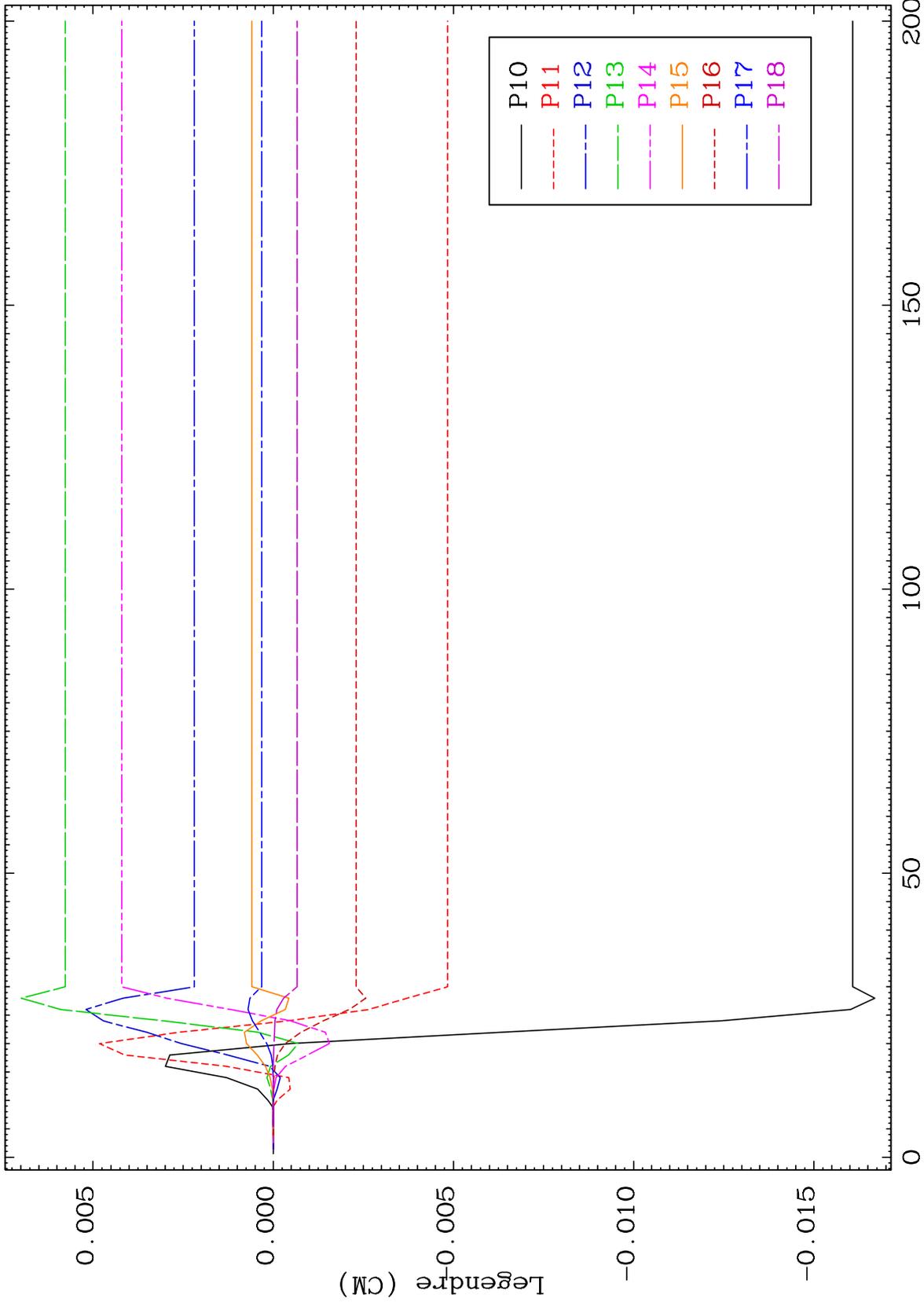
Incident Energy (MeV)

75-Re-178

MAT 7504

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

75-Re-178



78

Incident Energy (MeV)

75-Re-178

MAT 7504

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

75-Re-178



79

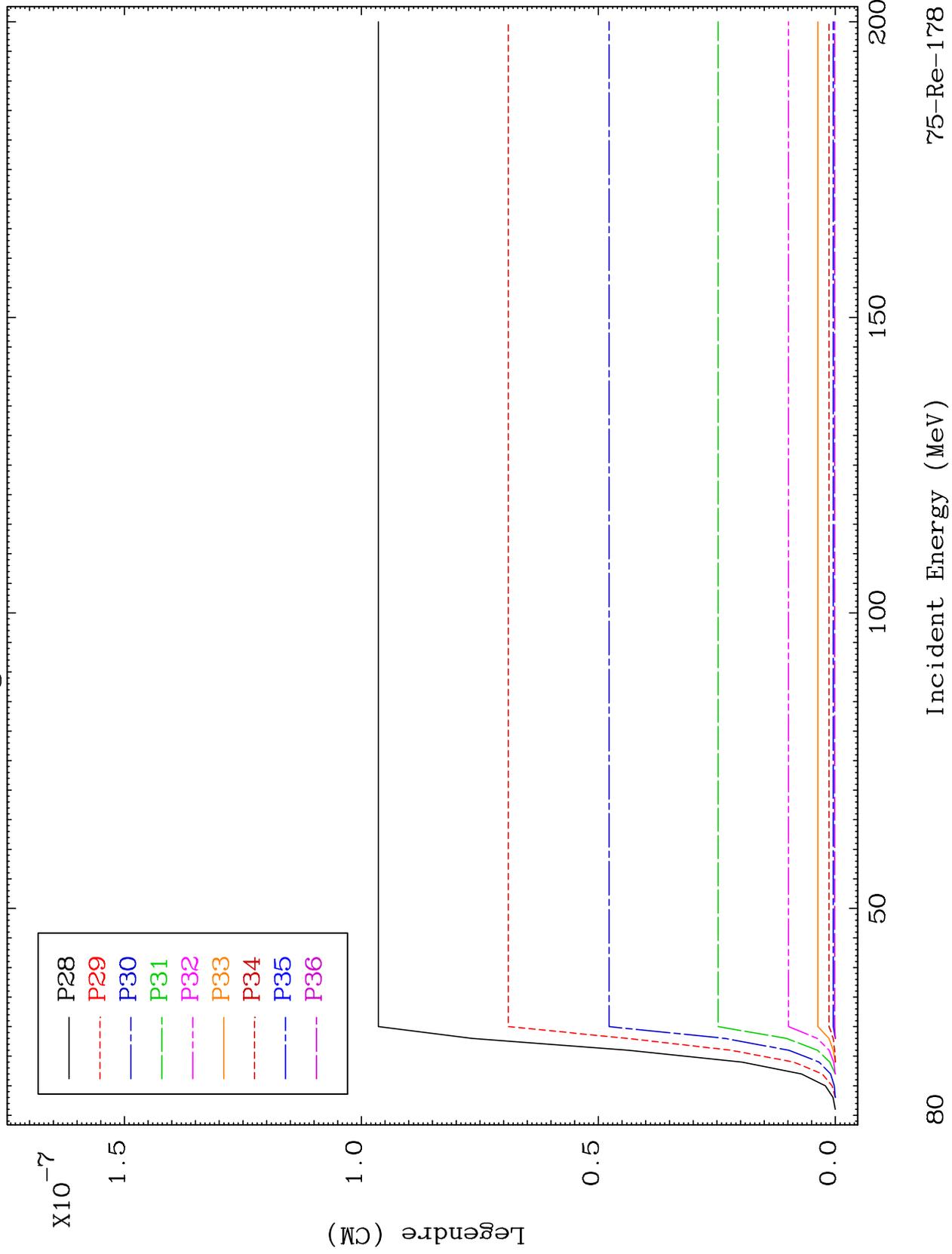
Incident Energy (MeV)

75-Re-178

MAT 7504

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

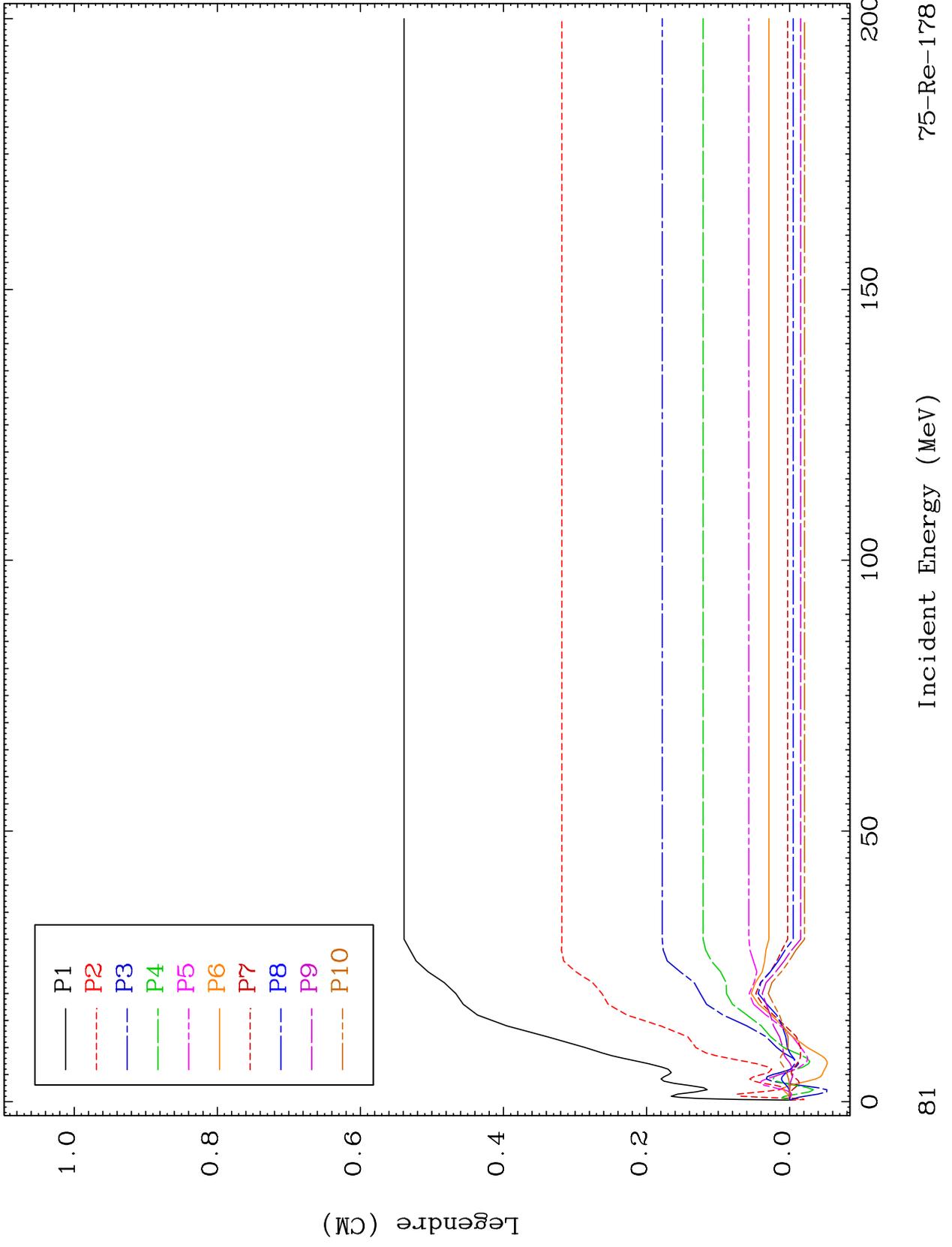
75-Re-178



MAT 7504

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

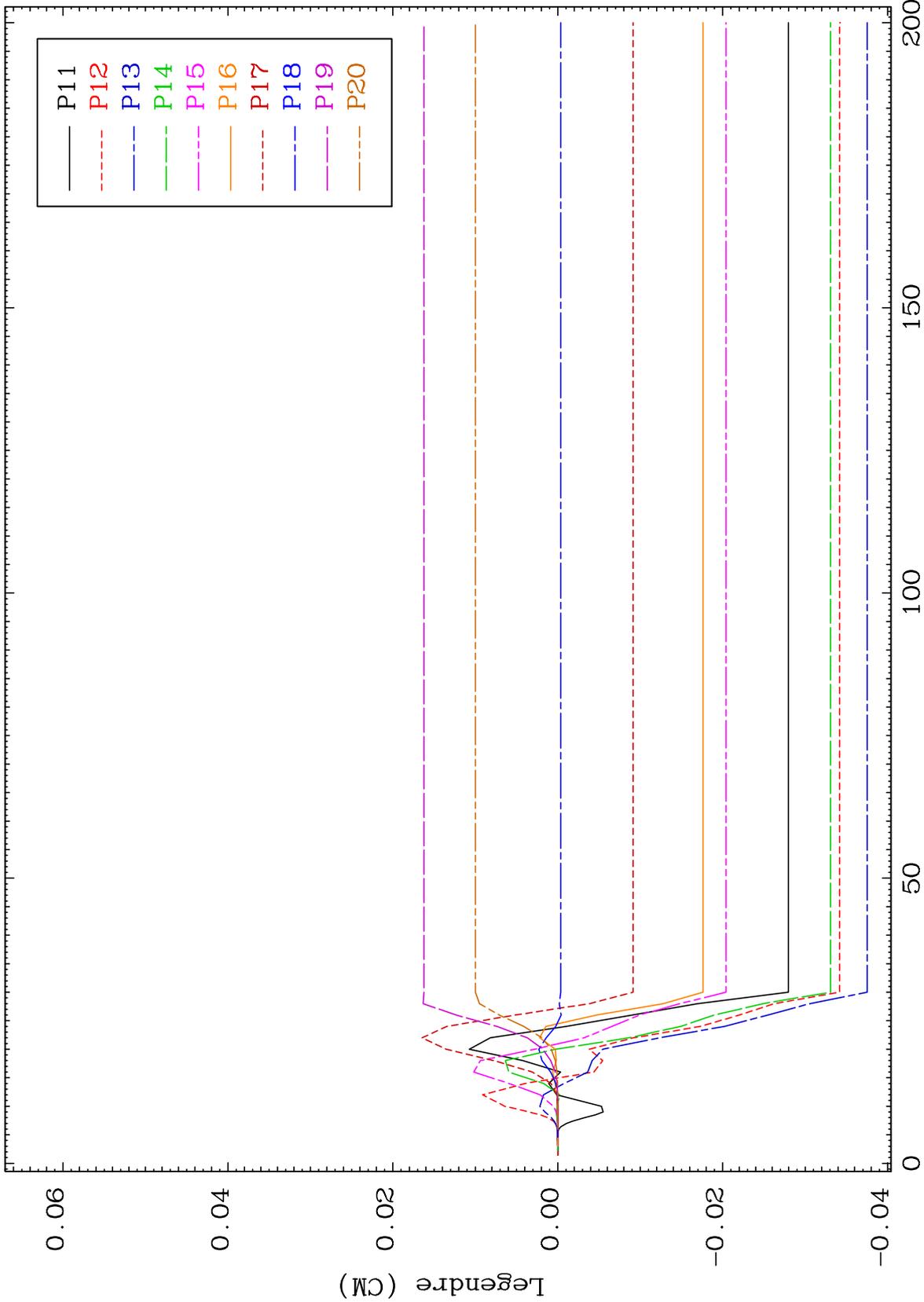
75-Re-178



MAT 7504

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

75-Re-178



82

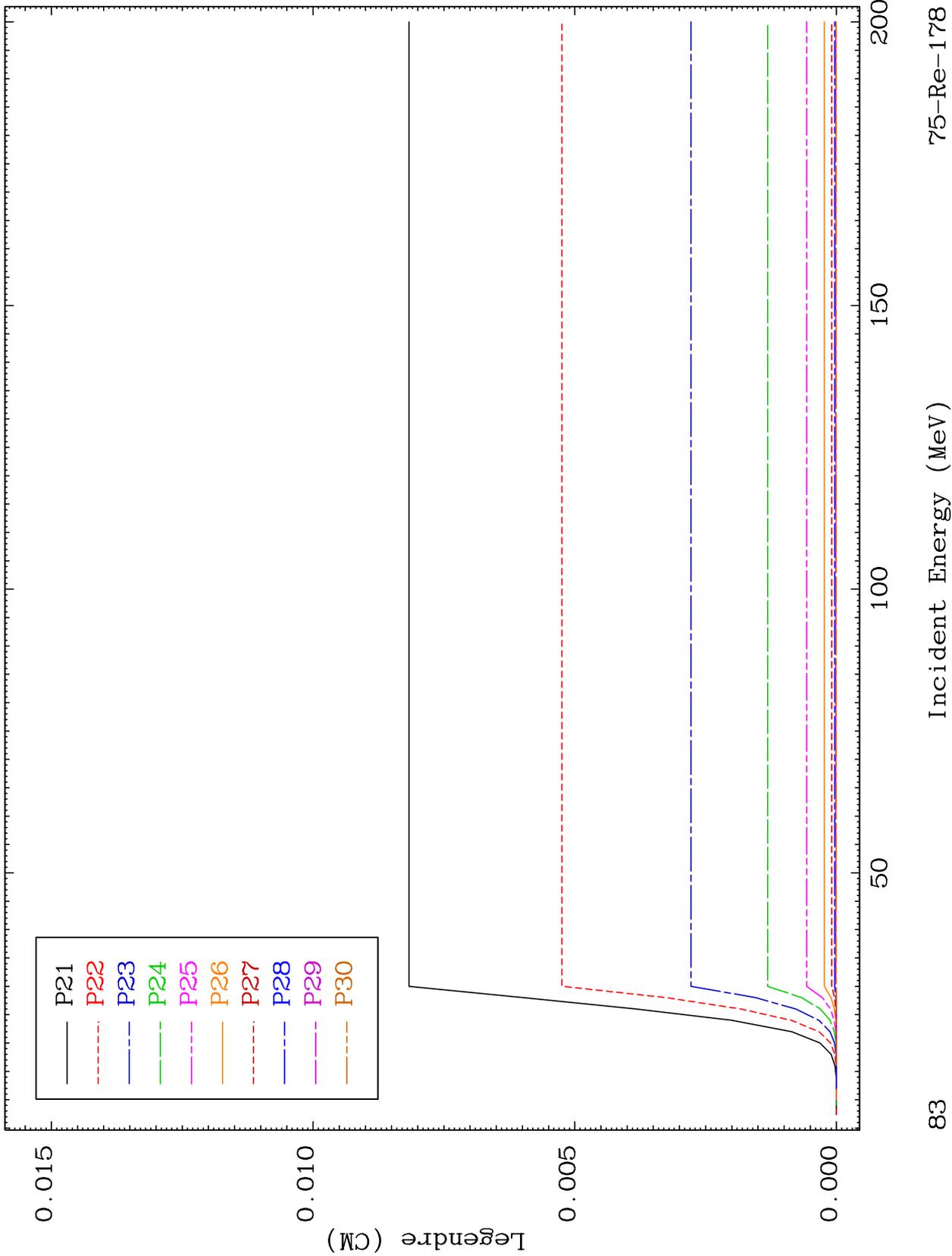
Incident Energy (MeV)

75-Re-178

MAT 7504

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

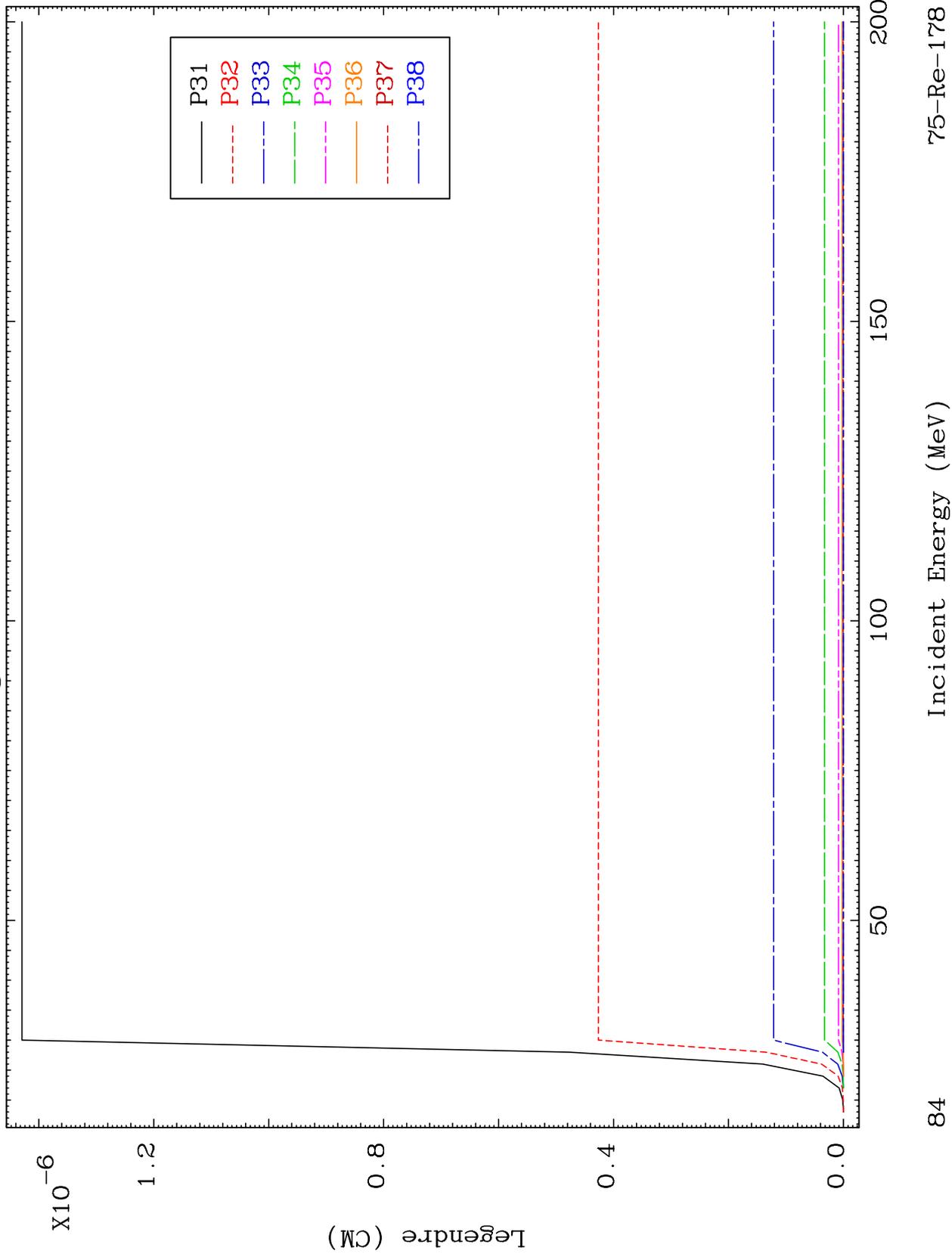
75-Re-178



MAT 7504

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

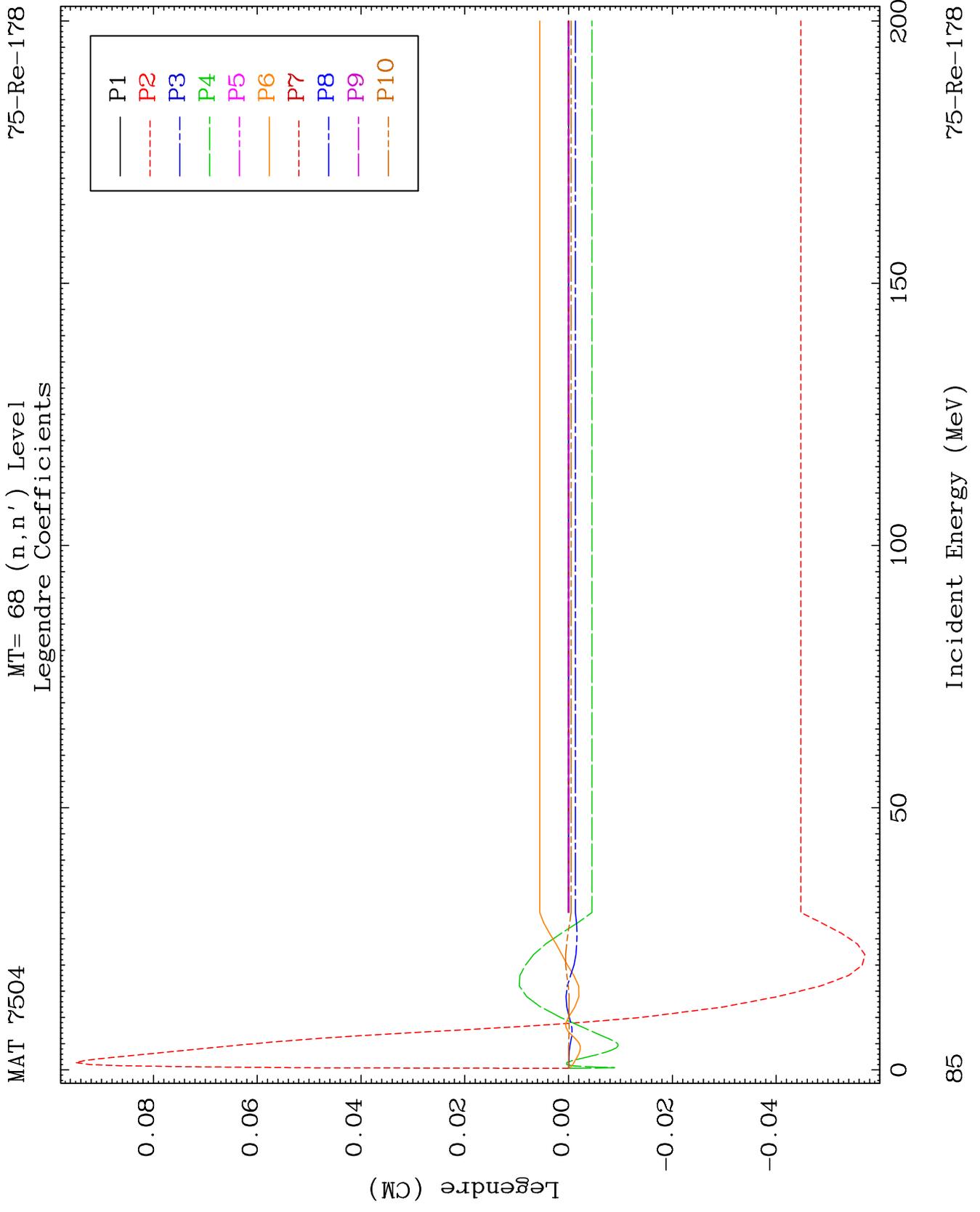
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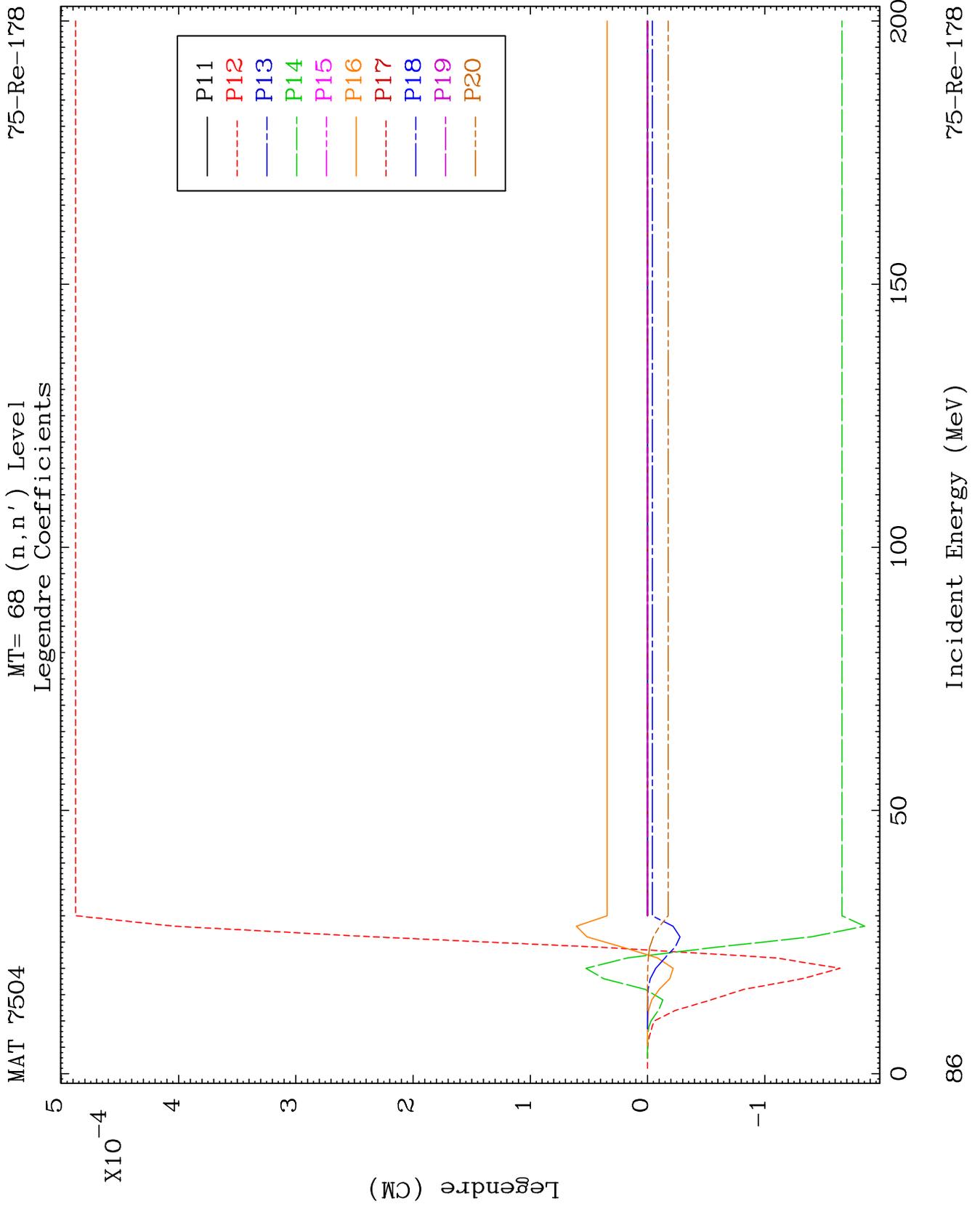


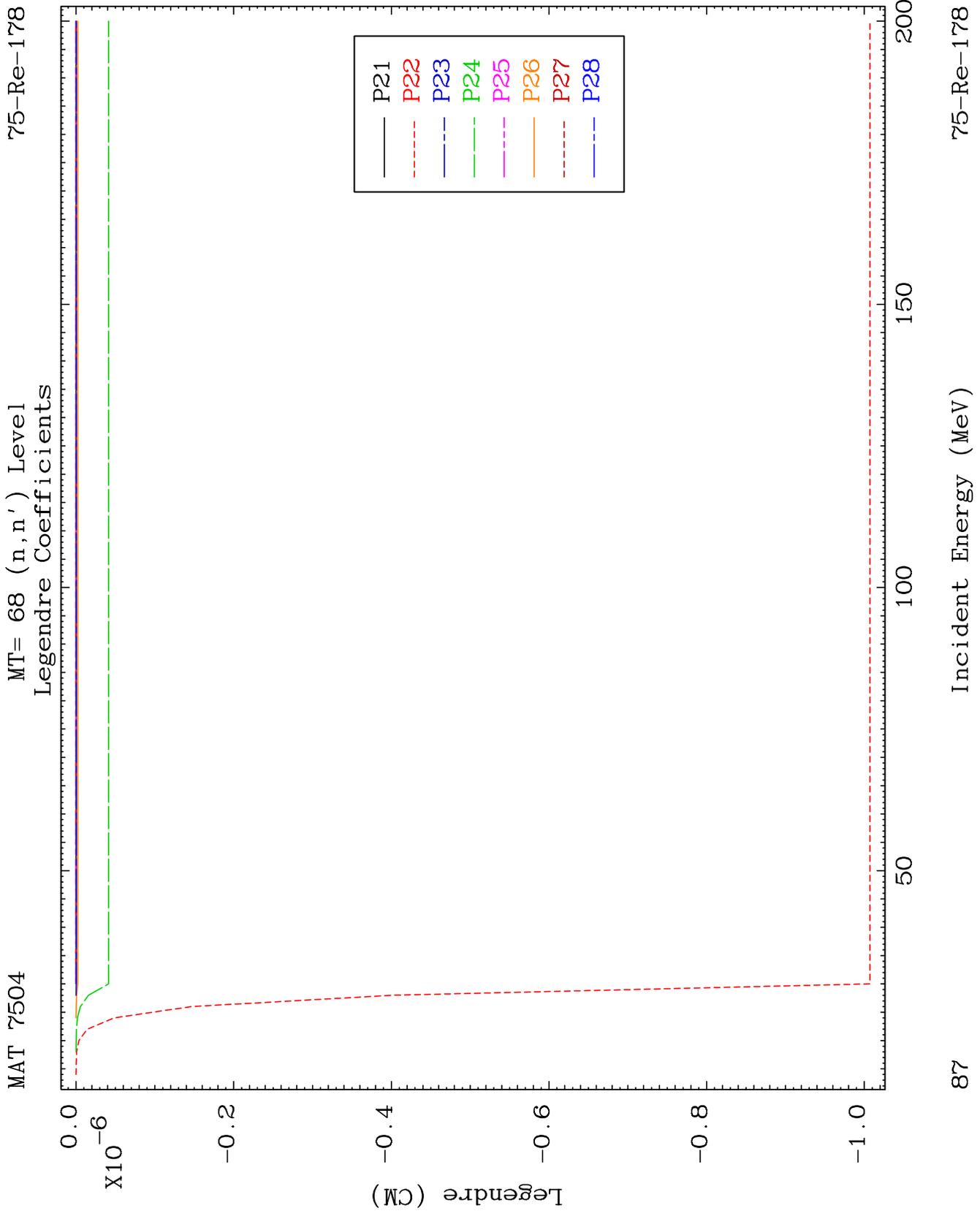
84

Incident Energy (MeV)

75-Re-178



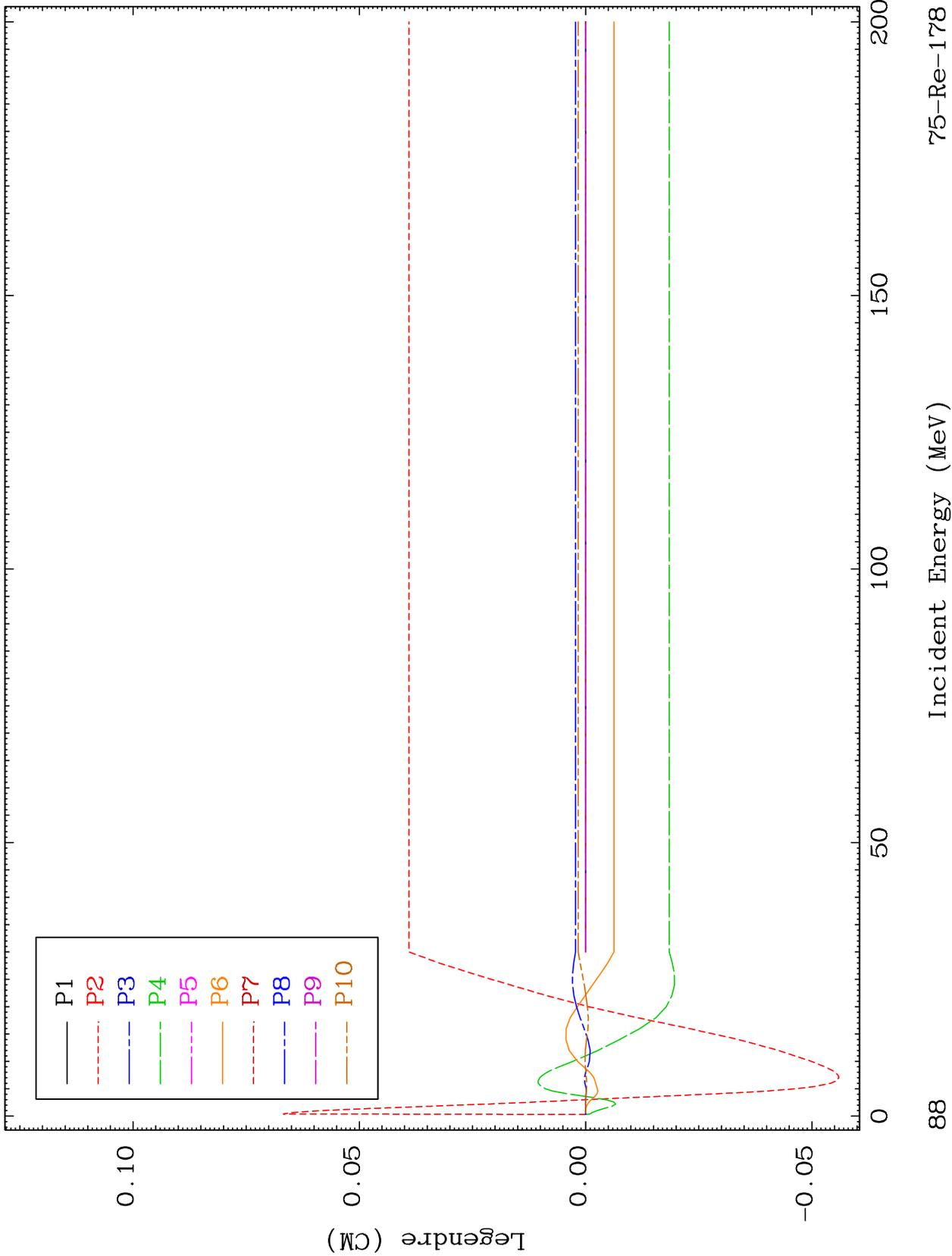




MAT 7504

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

75-Re-178



75-Re-178

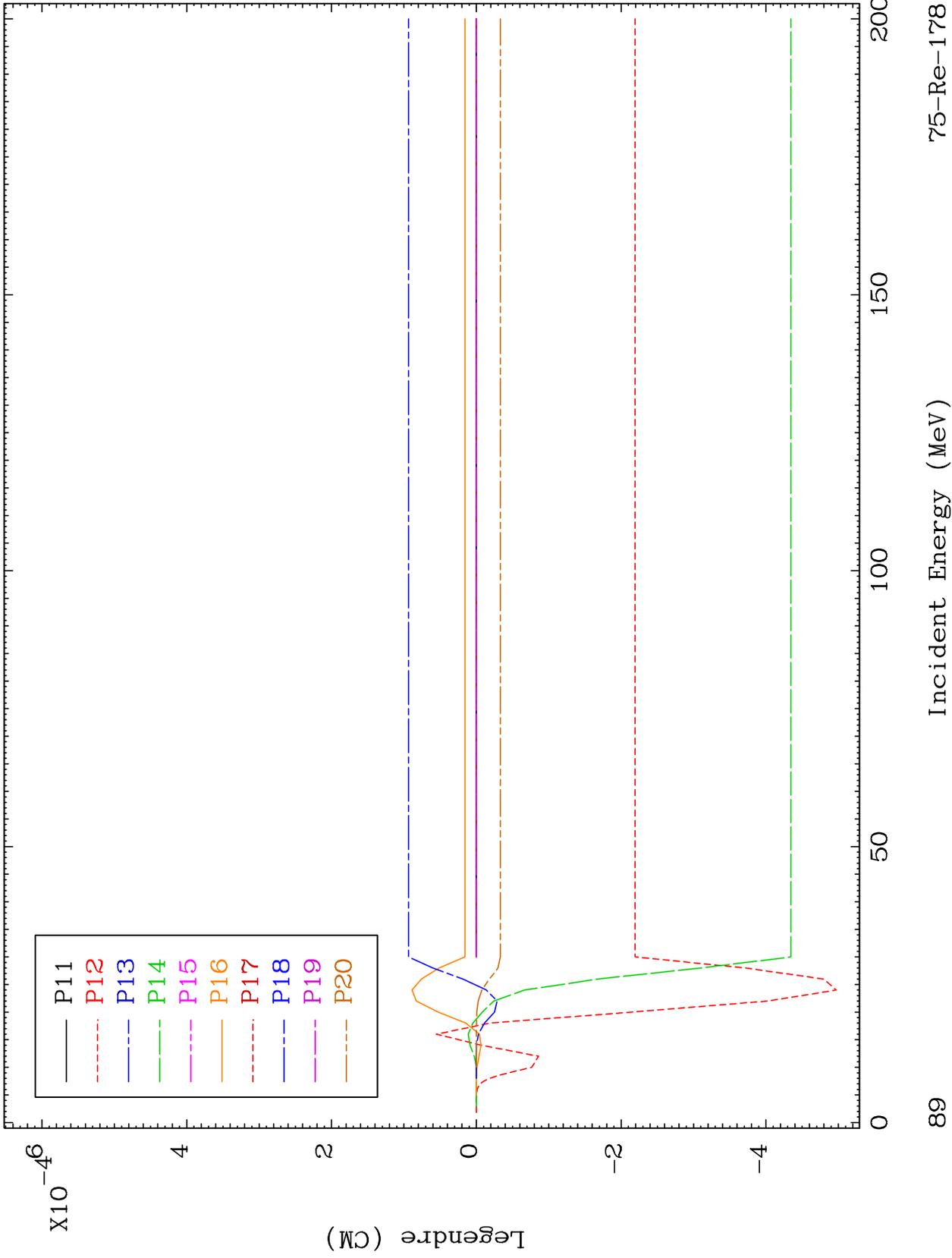
Incident Energy (MeV)

88

MAT 7504

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

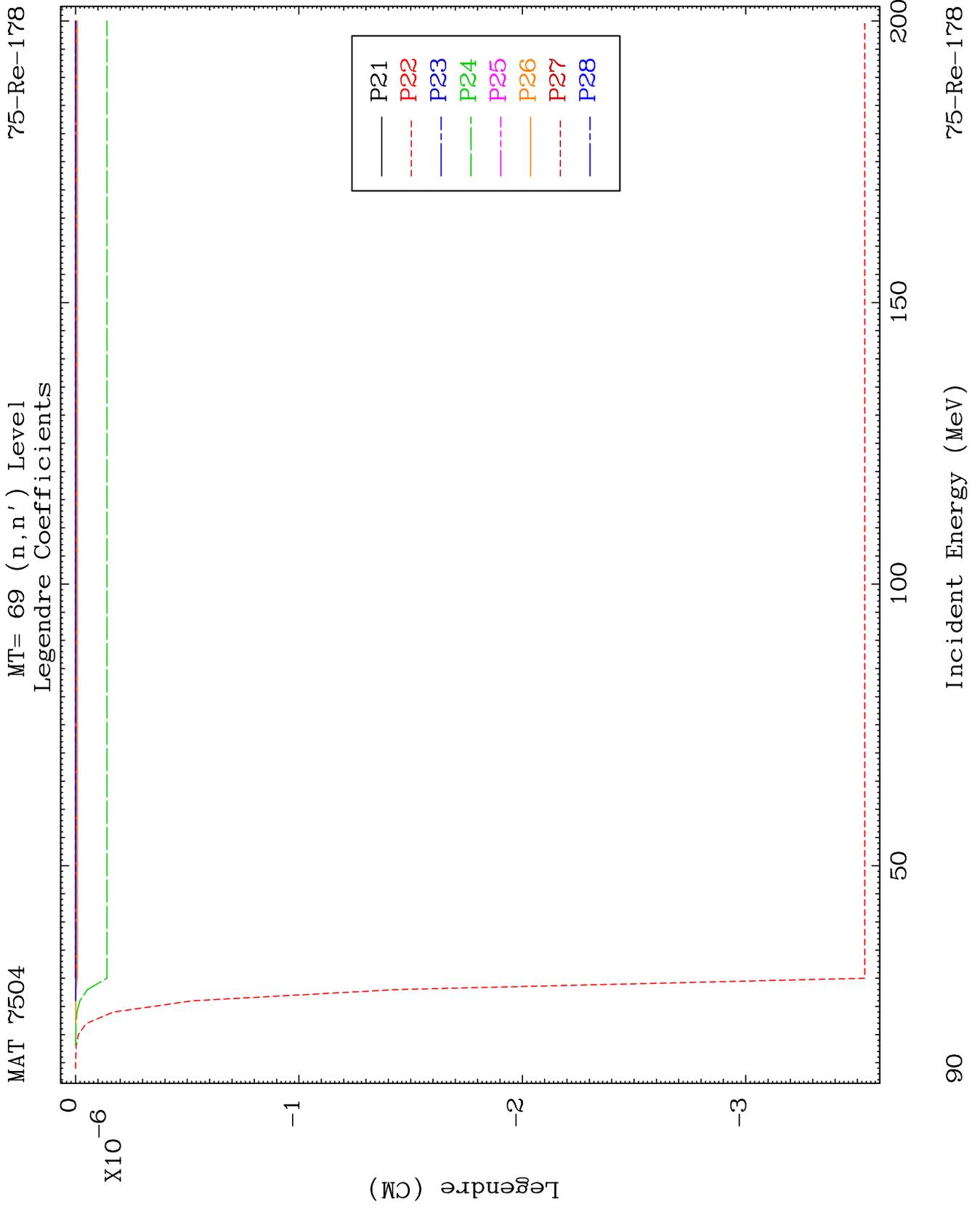
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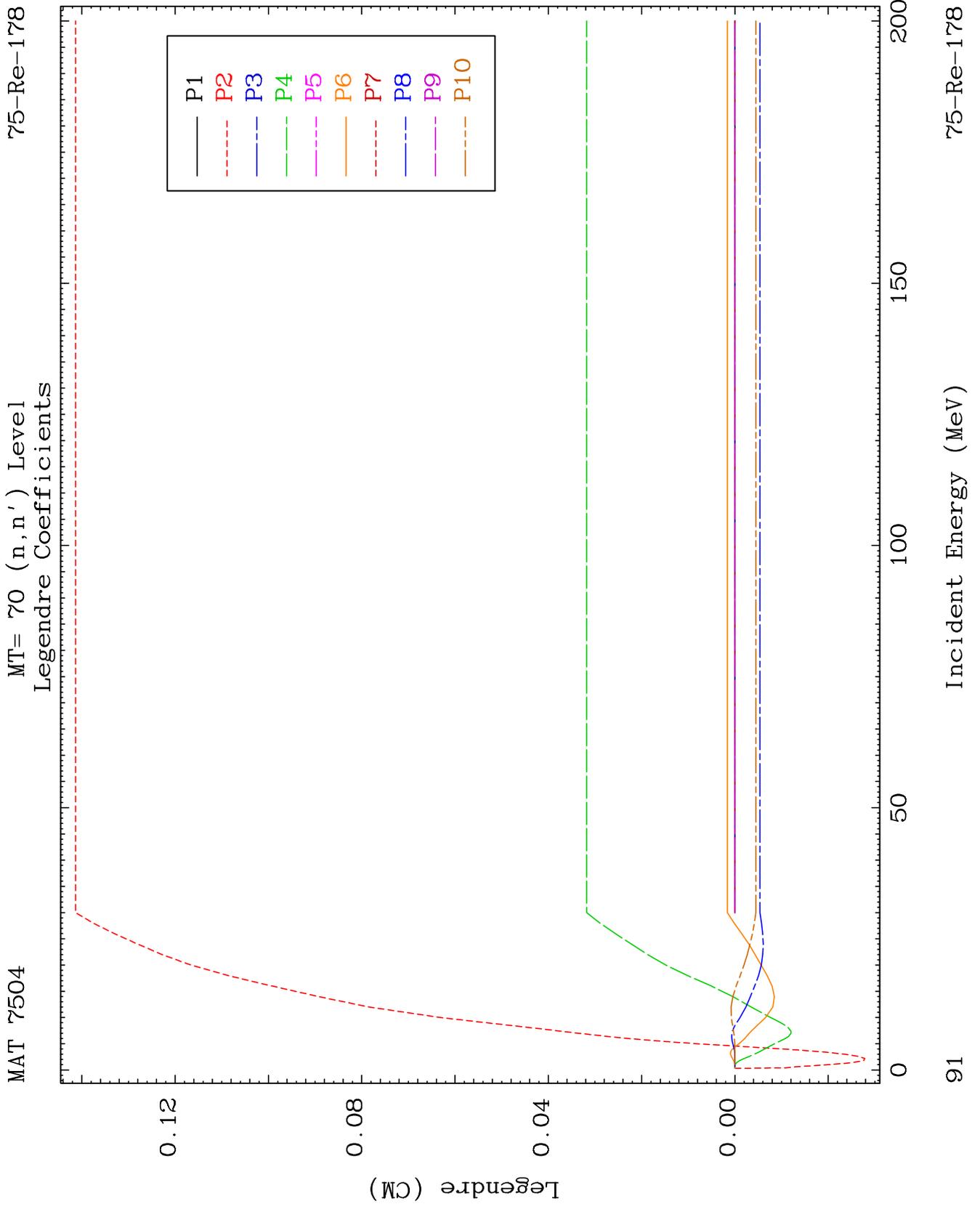


89

Incident Energy (MeV)

75-Re-178

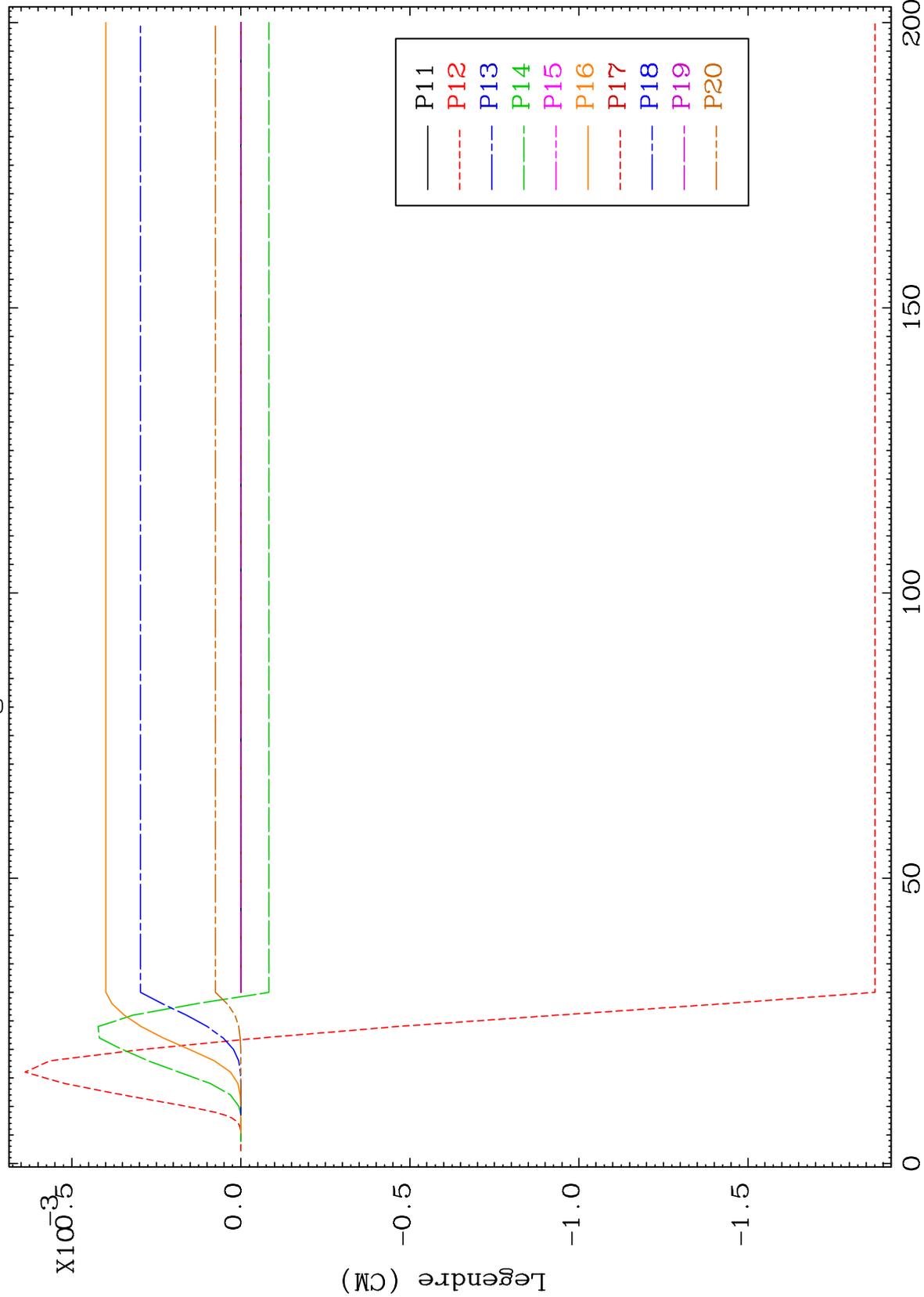




MAT 7504

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

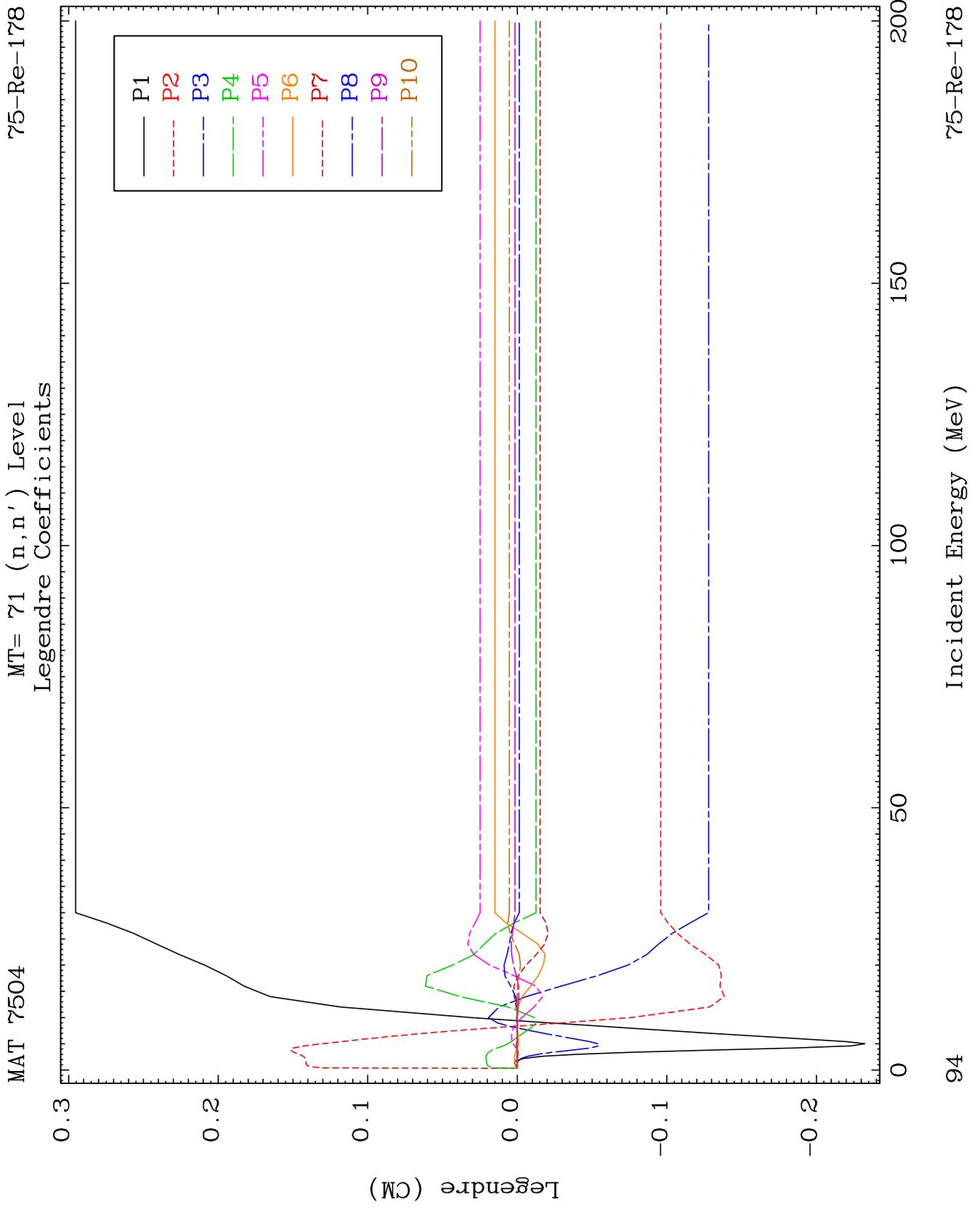
75-Re-178



92

Incident Energy (MeV)

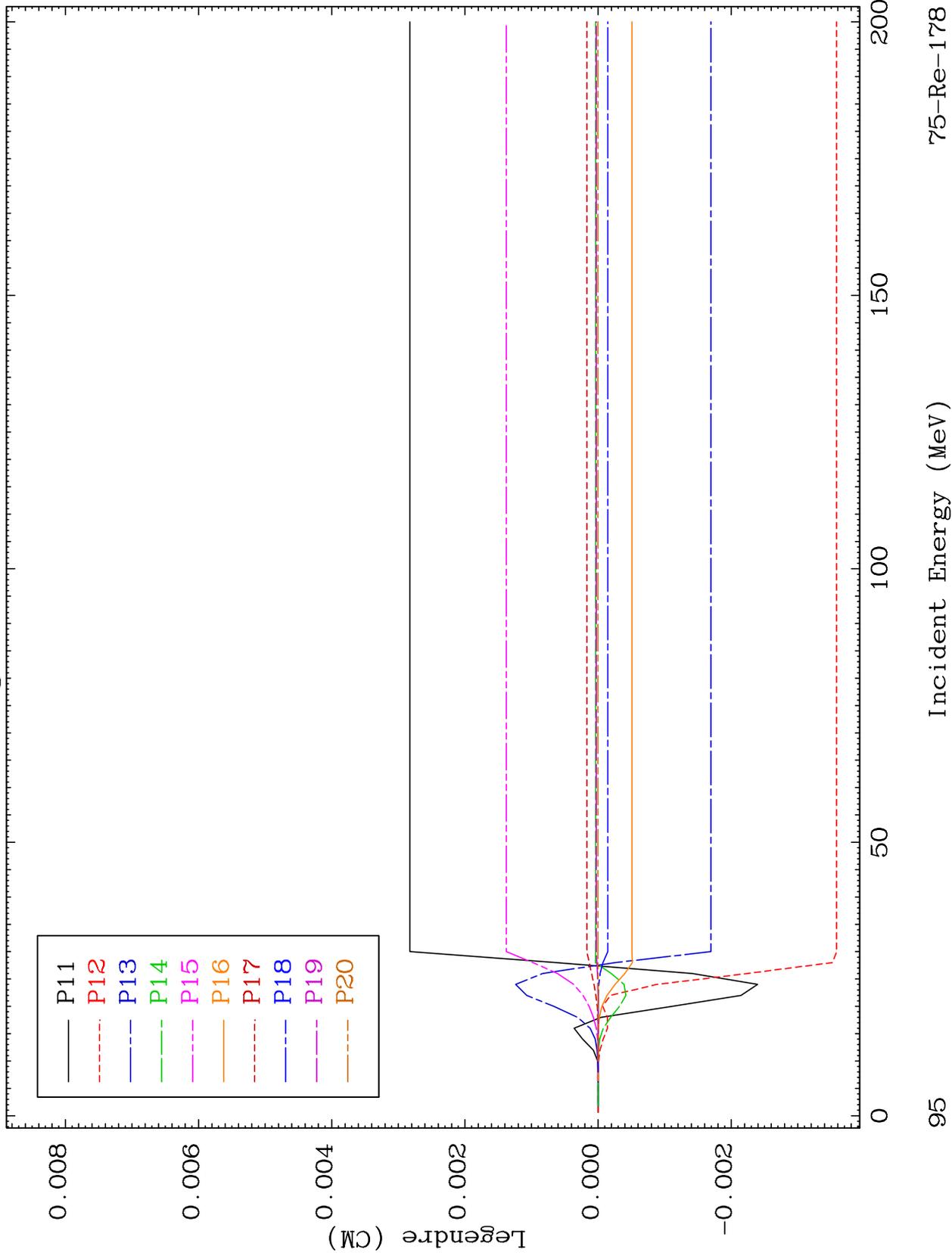
75-Re-178



MAT 7504

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

75-Re-178



95

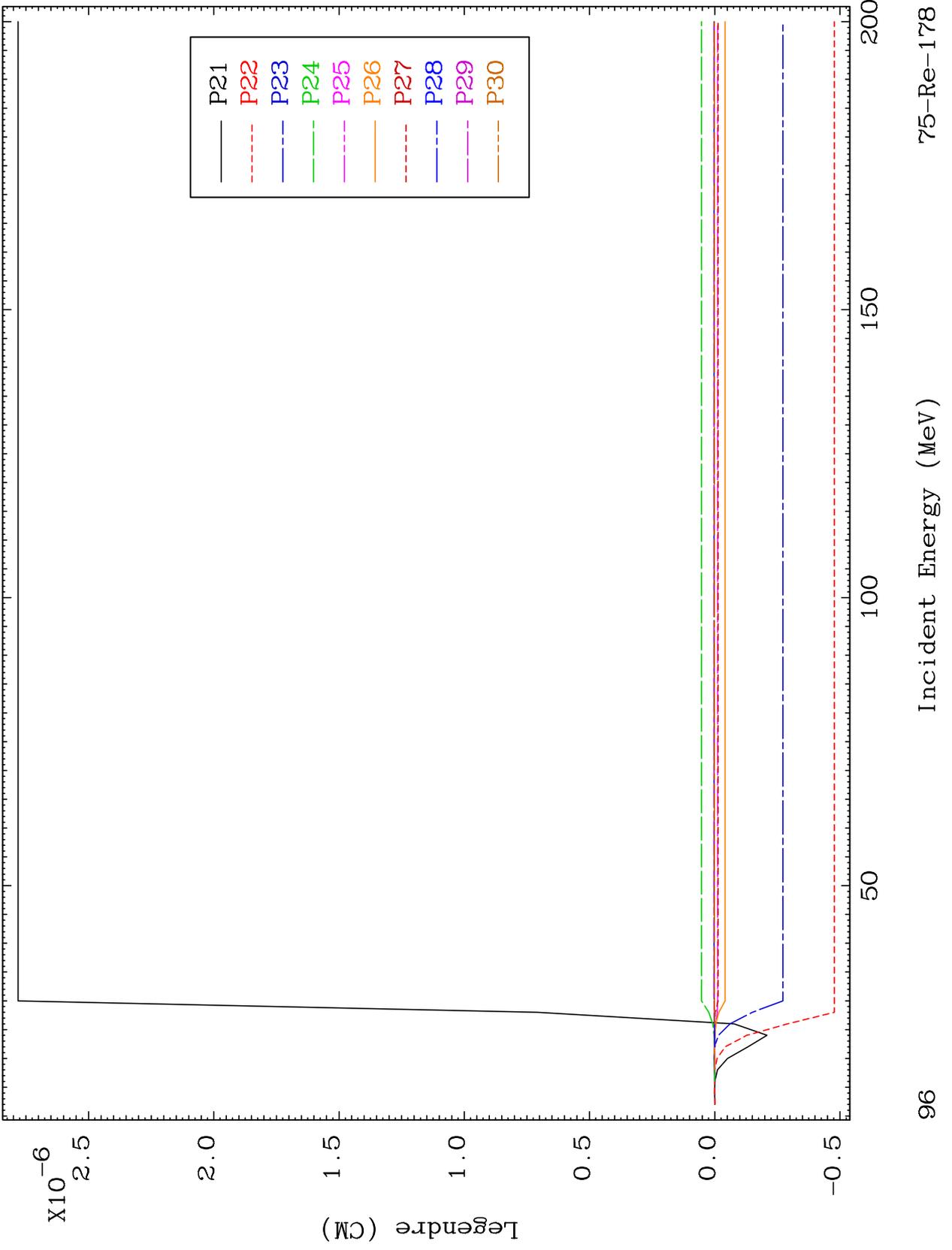
Incident Energy (MeV)

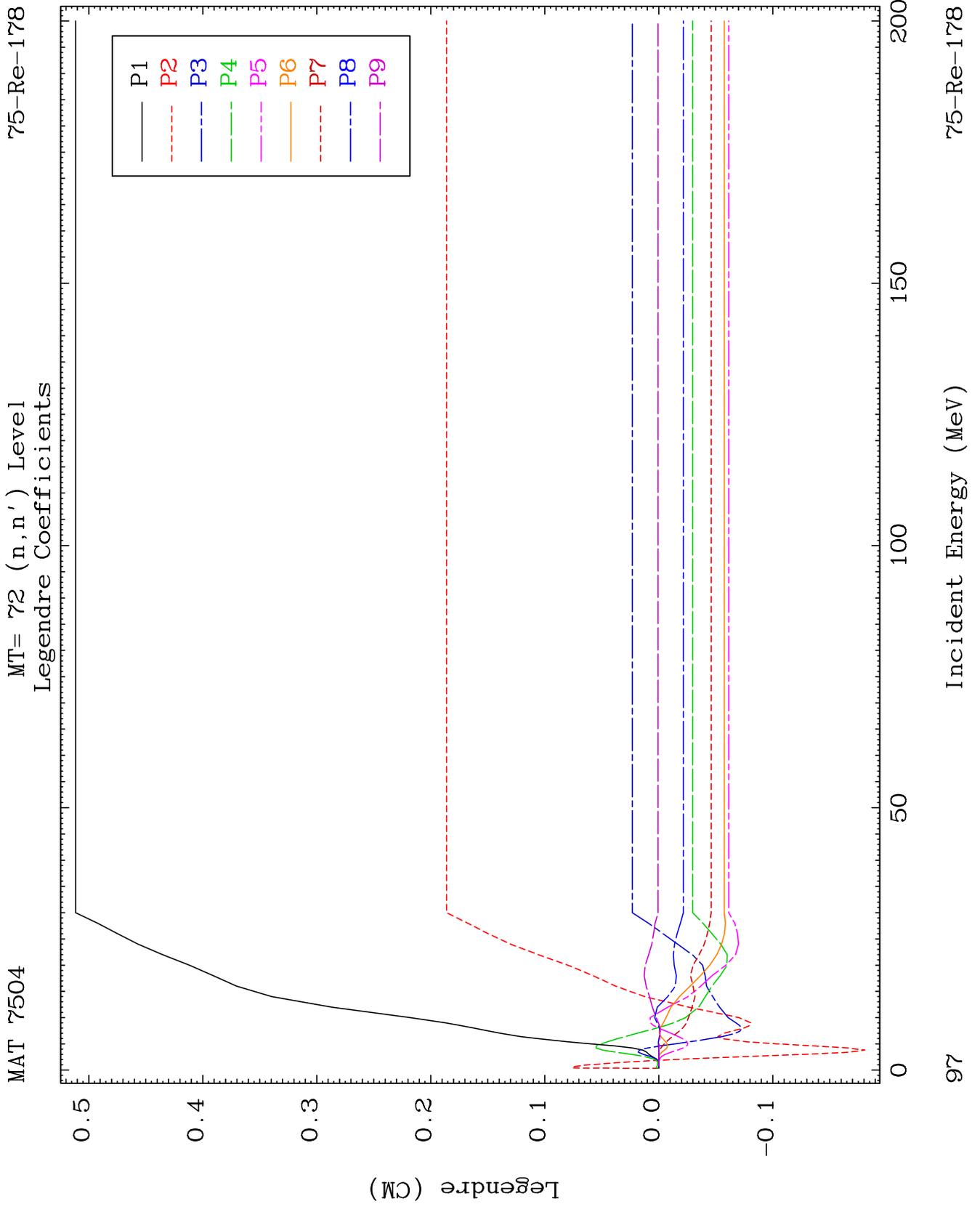
75-Re-178

MAT 7504

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

75-Re-178

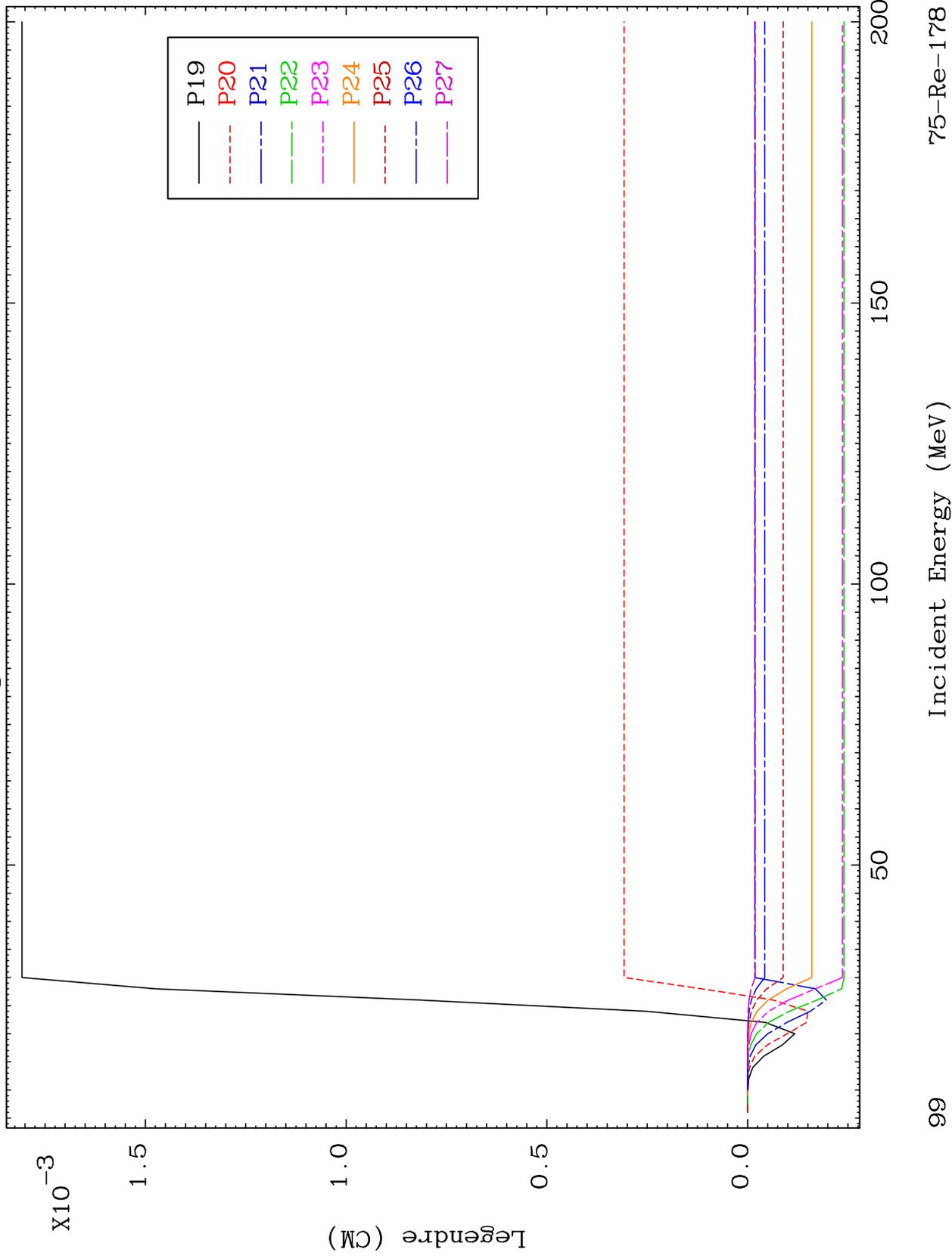


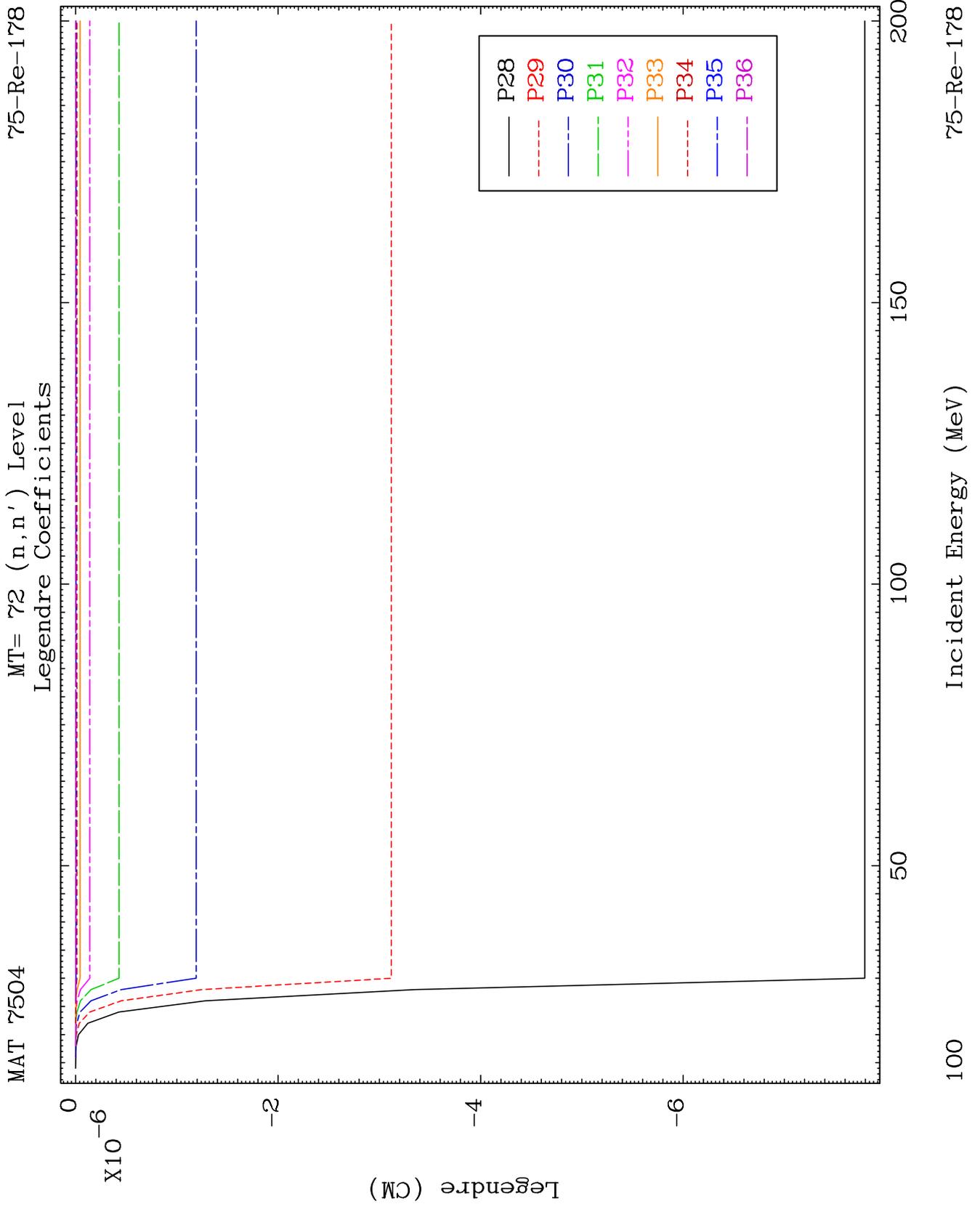


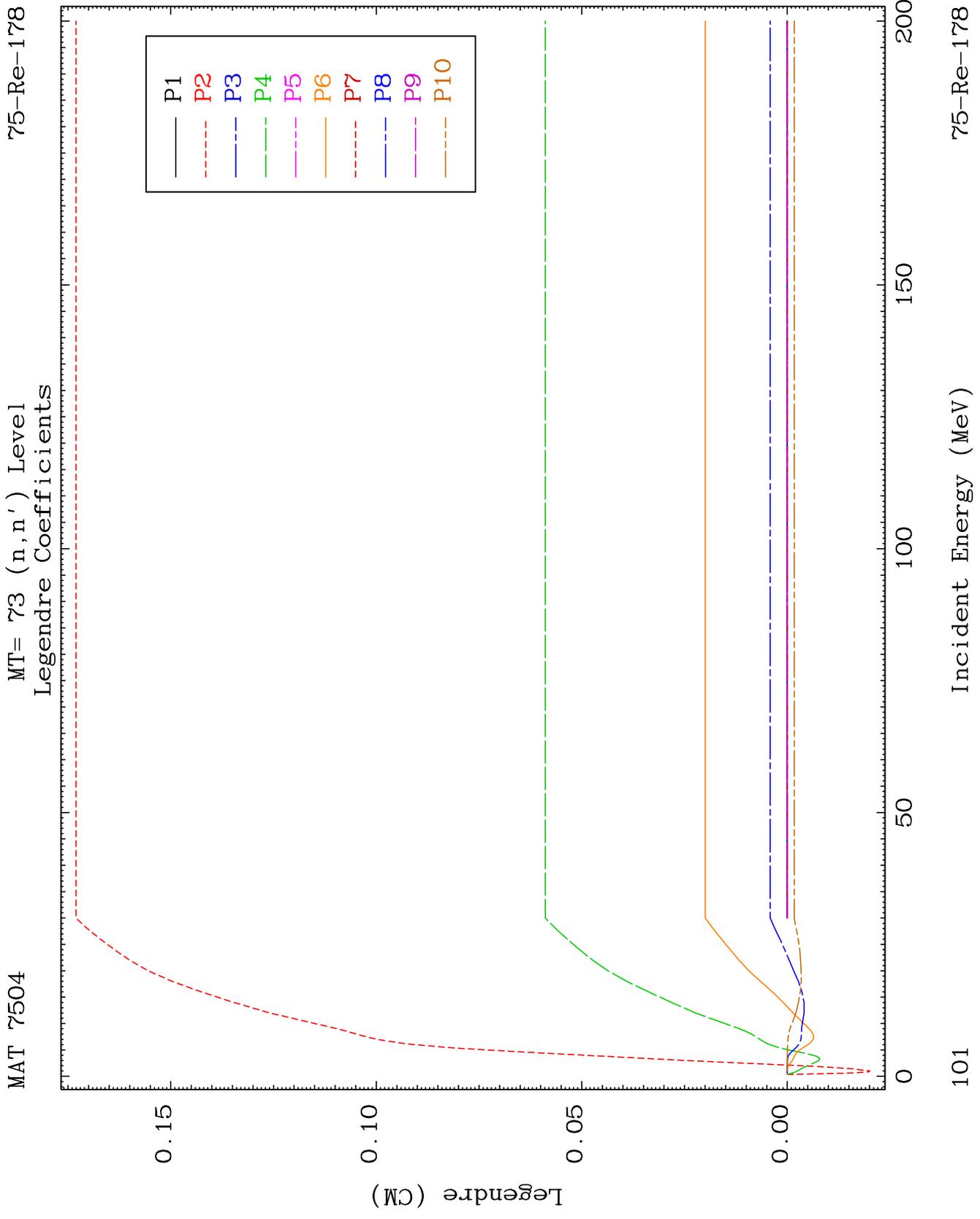
MAT 7504

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

75-Re-178



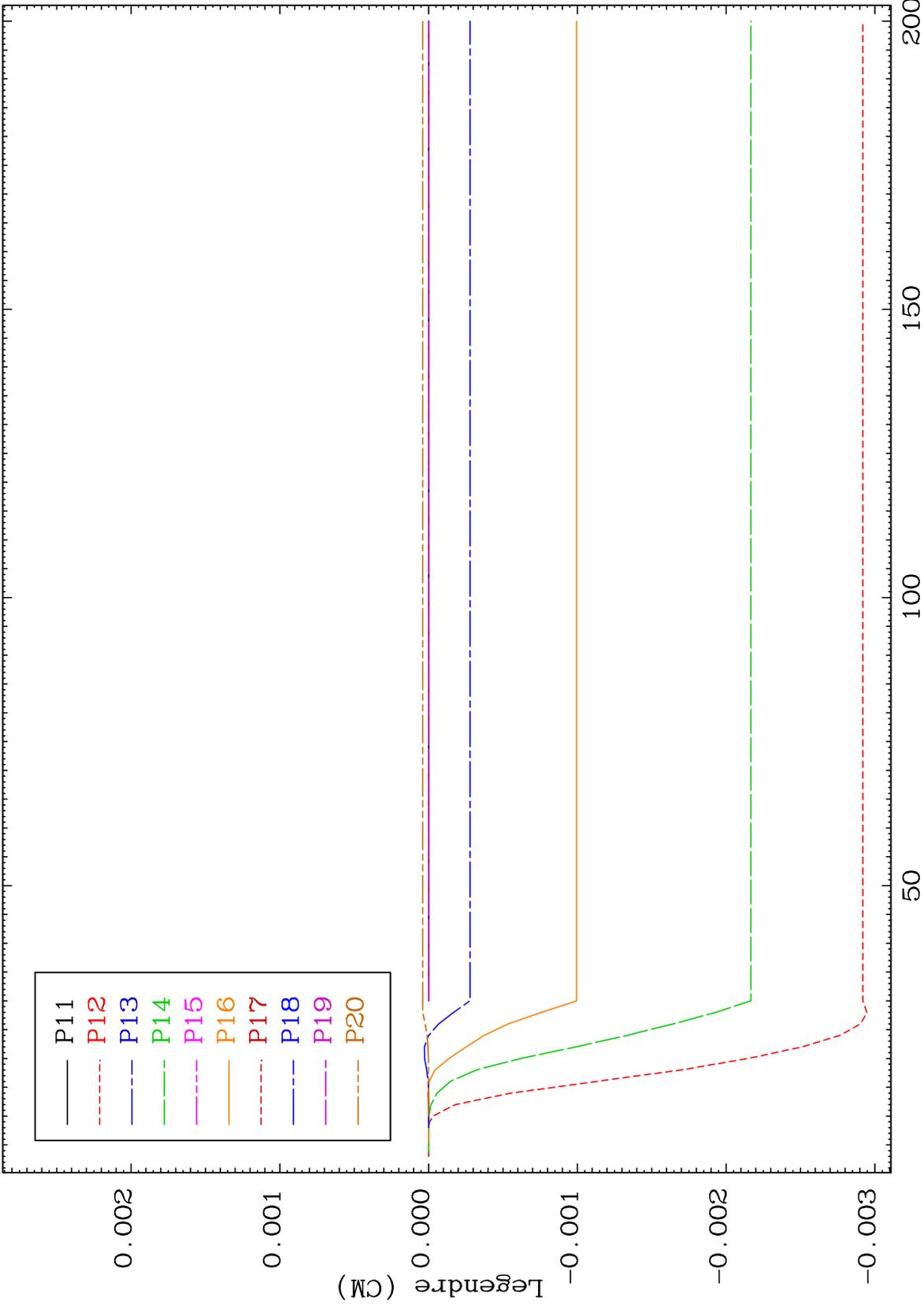




MAT 7504

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

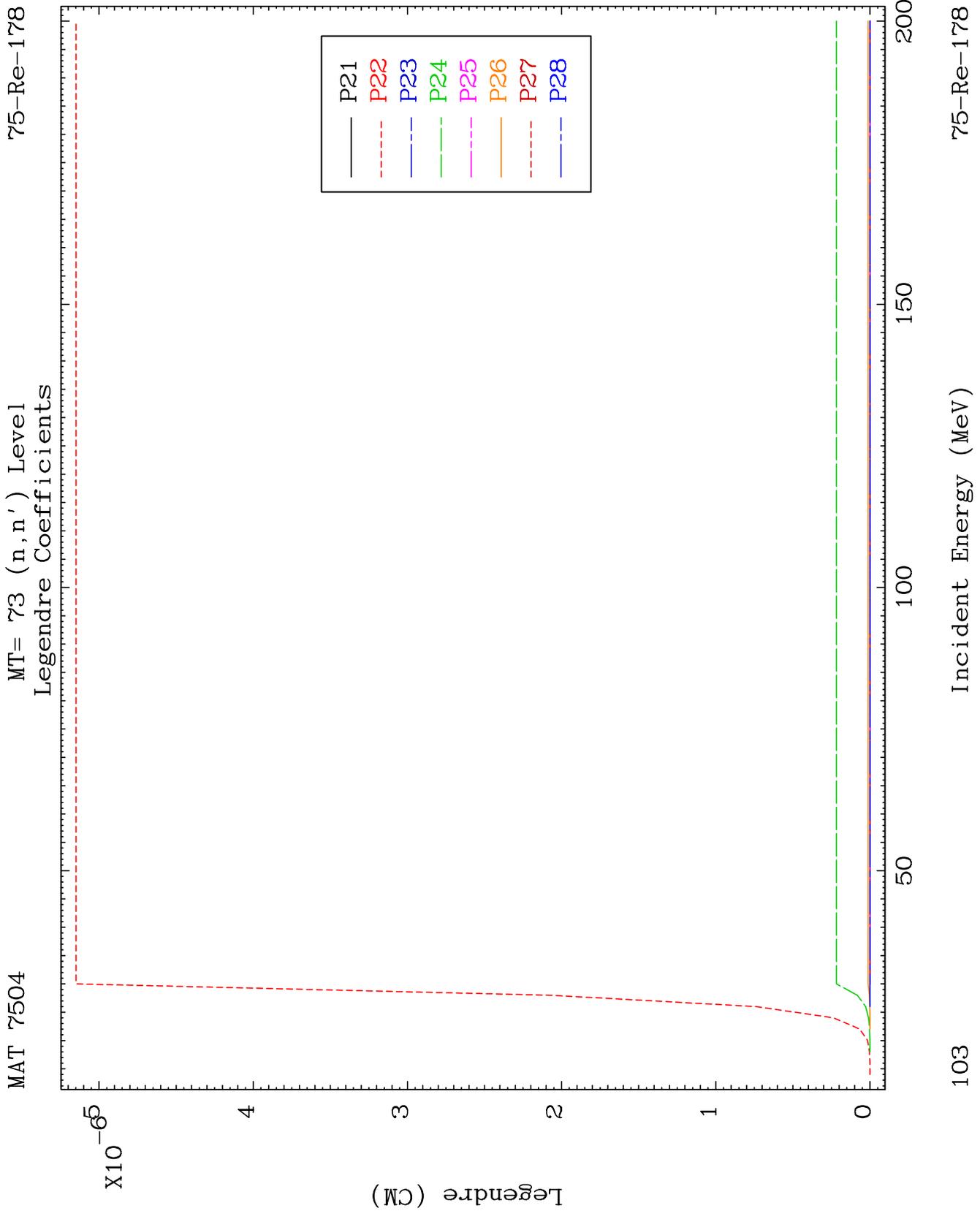
75-Re-178



102

Incident Energy (MeV)

75-Re-178

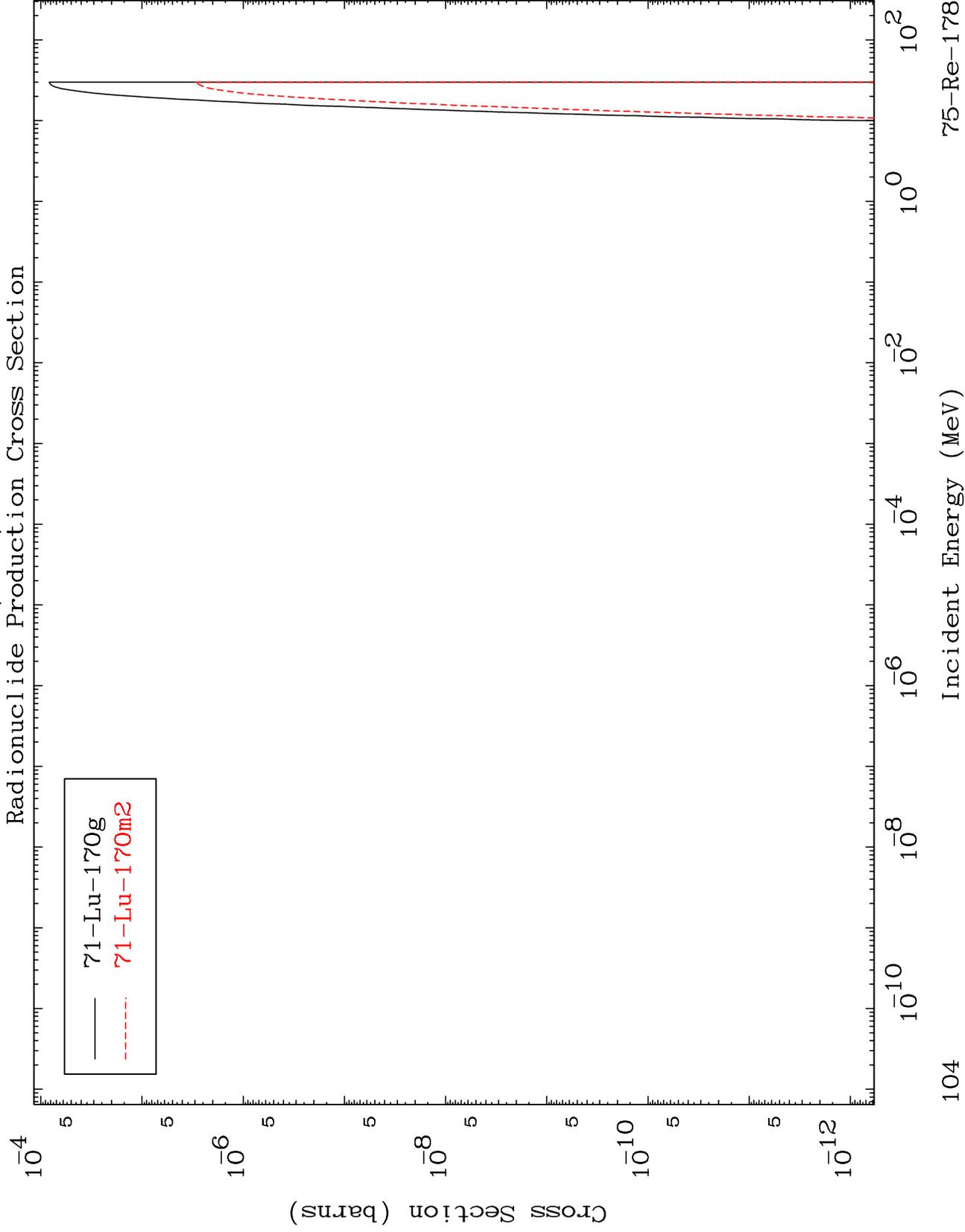


MAT 7504

(n,n') 2α

75-Re-178

Radionuclide Production Cross Section



— $^{71}\text{Lu-170g}$
- - - $^{71}\text{Lu-170m2}$

104

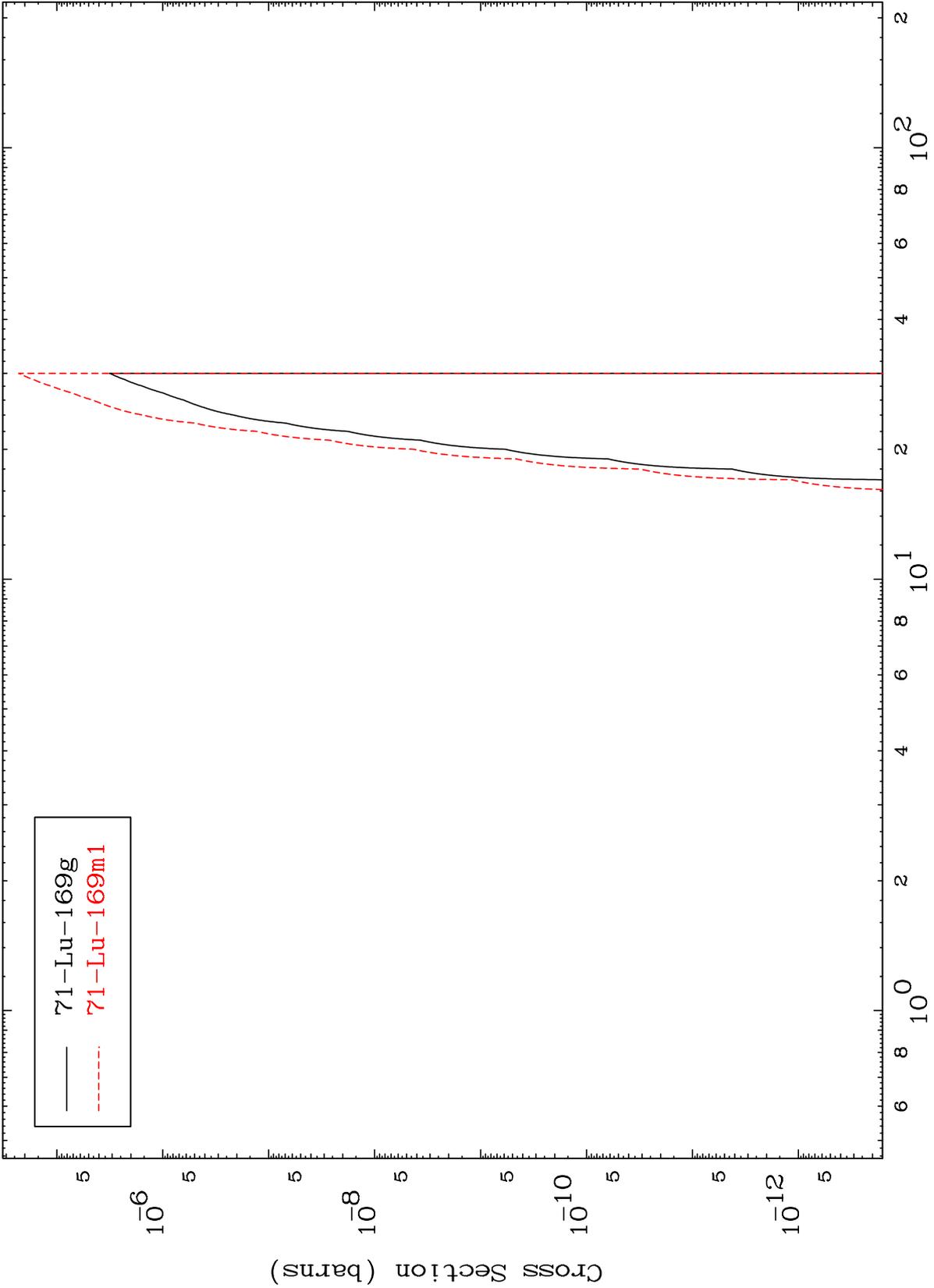
75-Re-178

MAT 7504

$(n,2n) 2\alpha$

$^{75}\text{Re-178}$

Radionuclide Production Cross Section



105

Incident Energy (MeV)

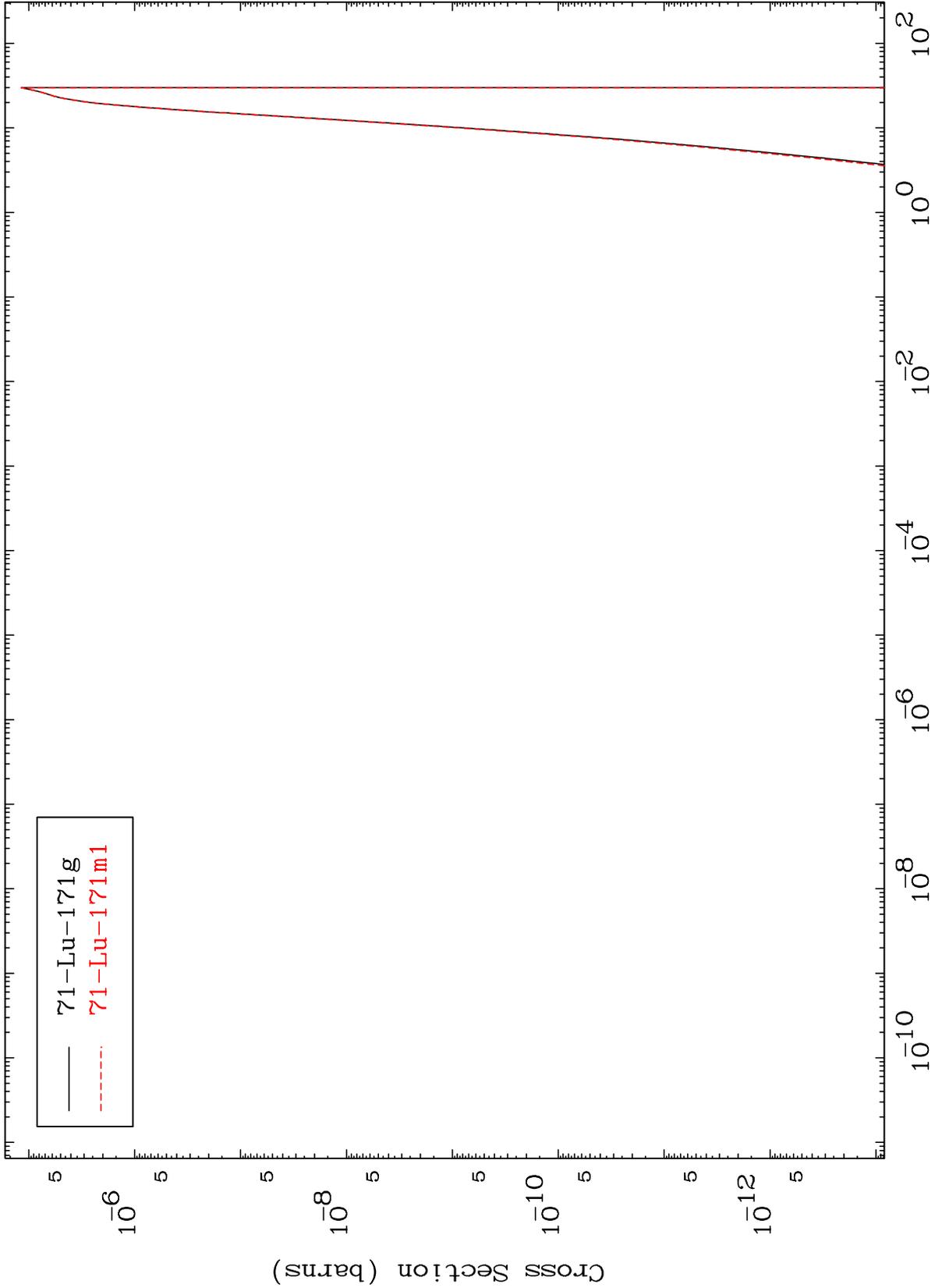
$^{75}\text{Re-178}$

MAT 7504

(n,2α)

75-Re-178

Radionuclide Production Cross Section



106

Incident Energy (MeV)

75-Re-178