

Program EVALPLOT
(Version 2021-1)

by

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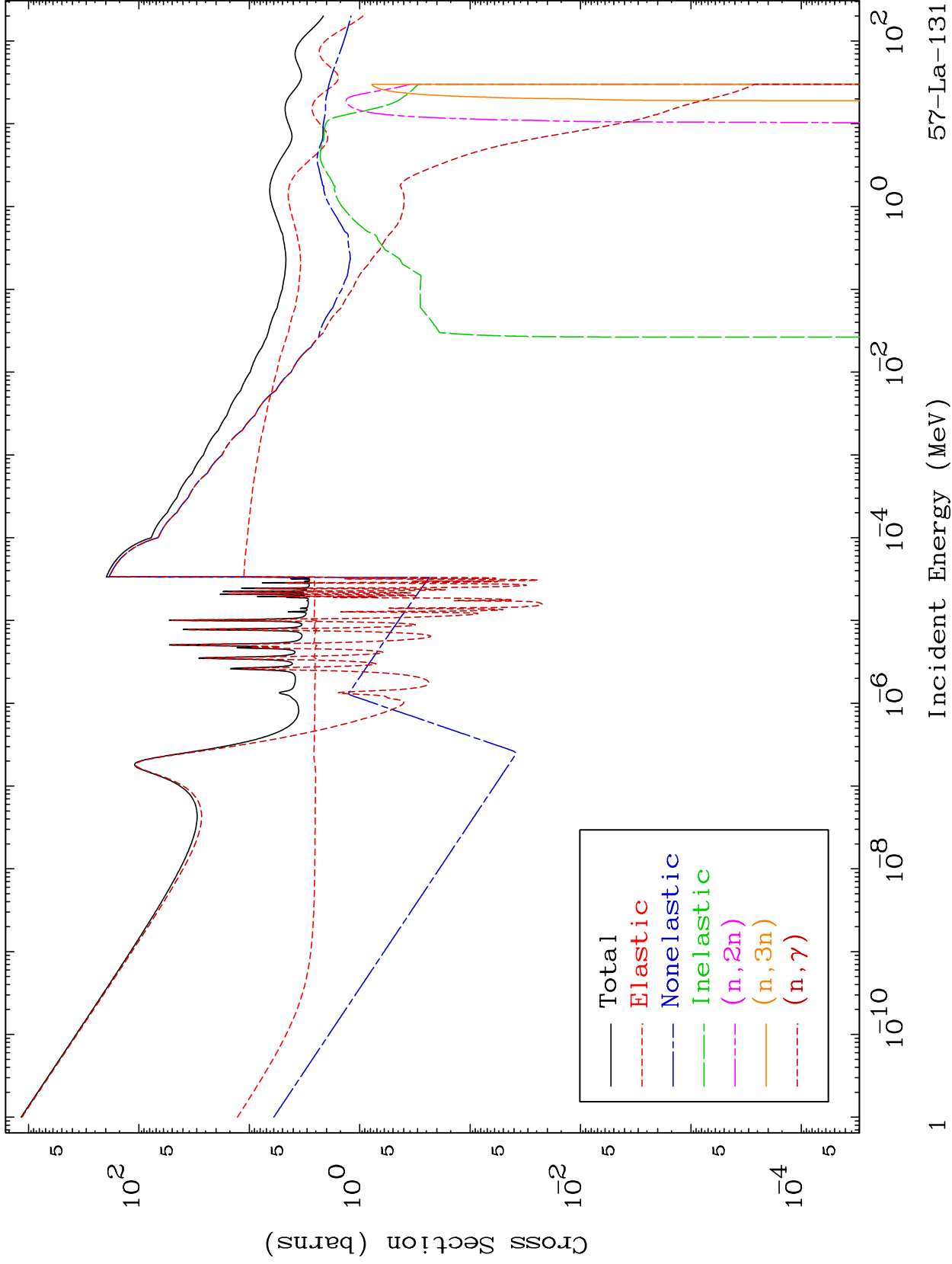
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5704

Neutron Major
293 Kelvin Cross Sections

57-La-131

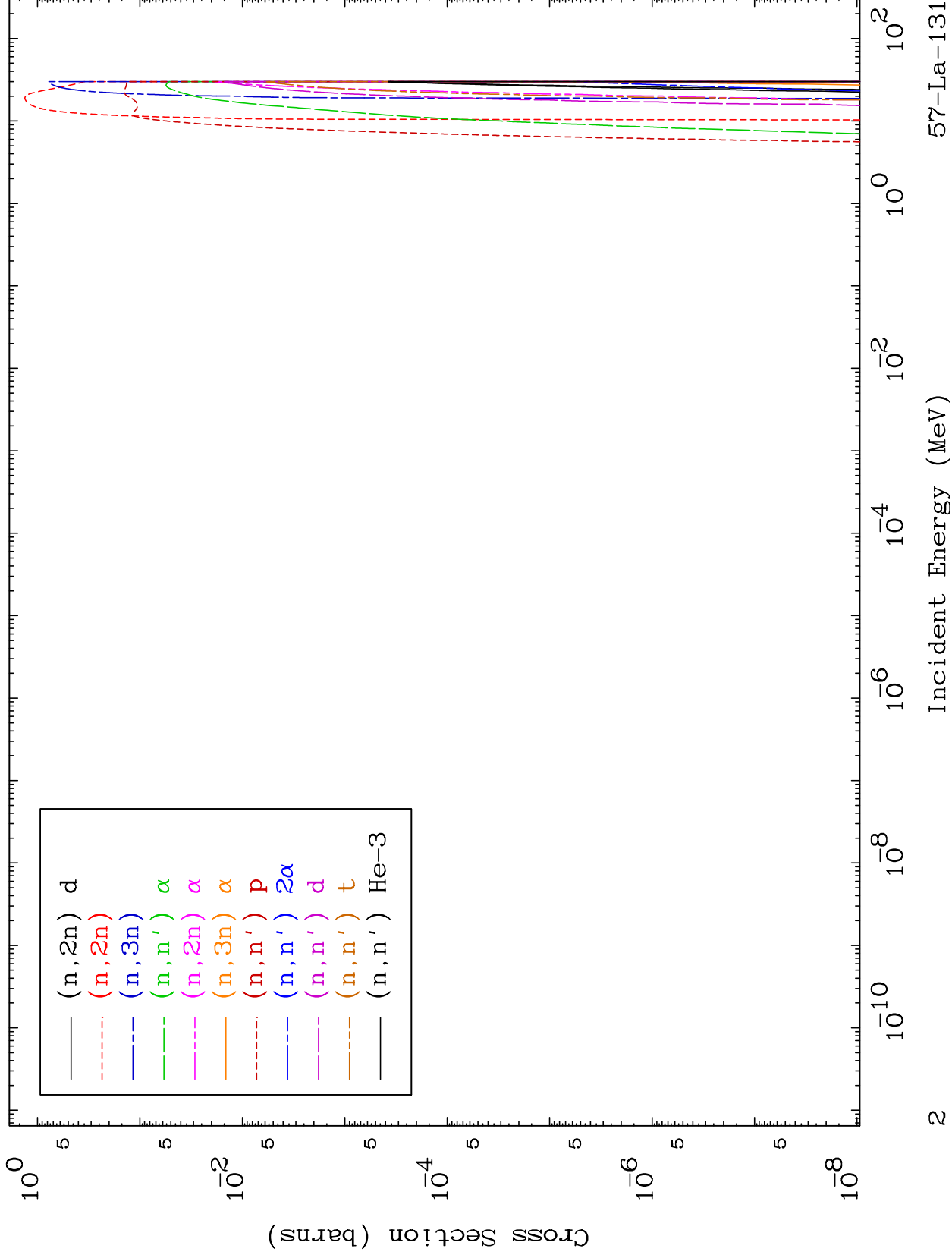


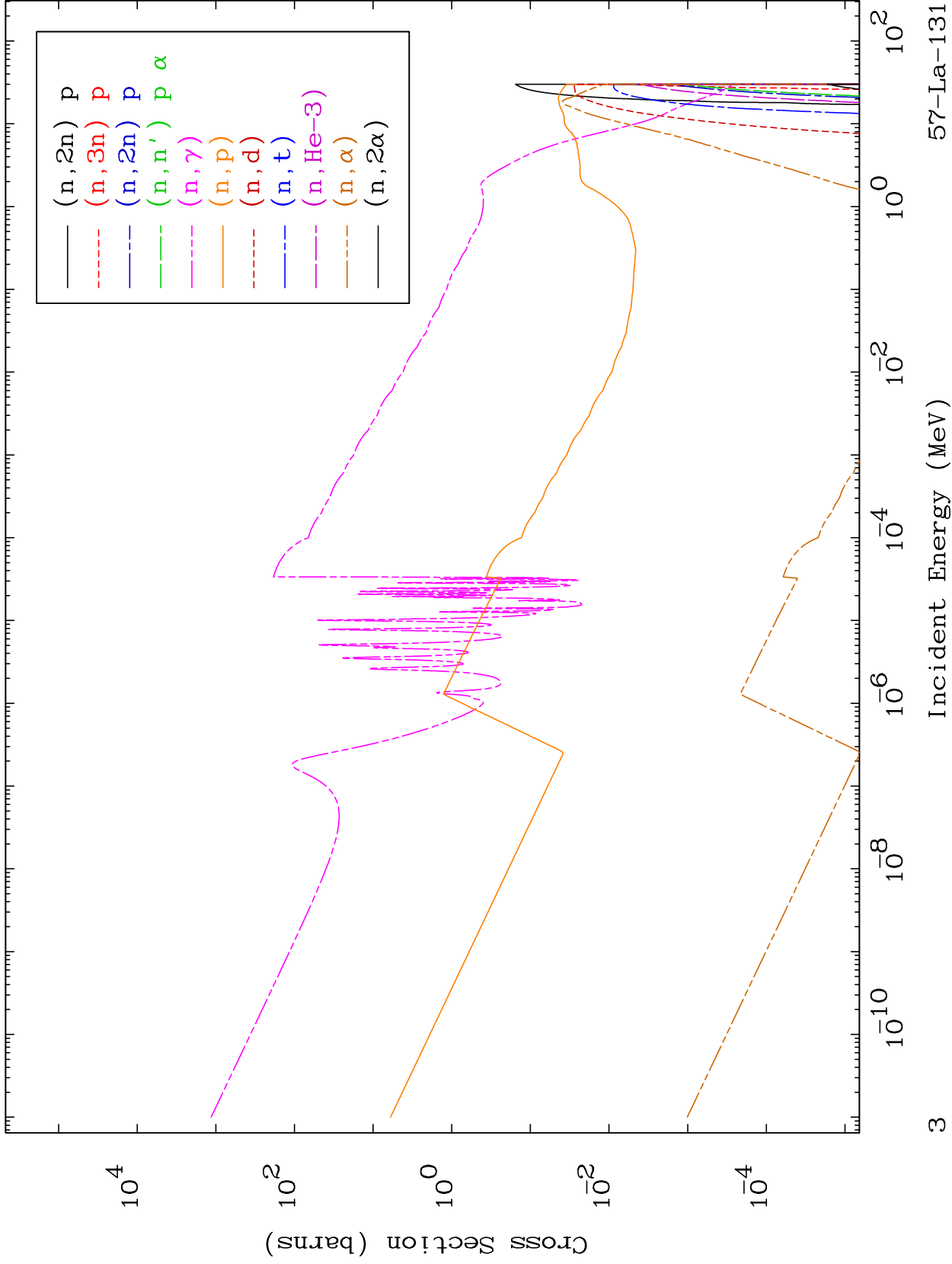
57-La-131

MAT 5704

Neutron Absorption
293 Kelvin Cross Sections

57-La-131

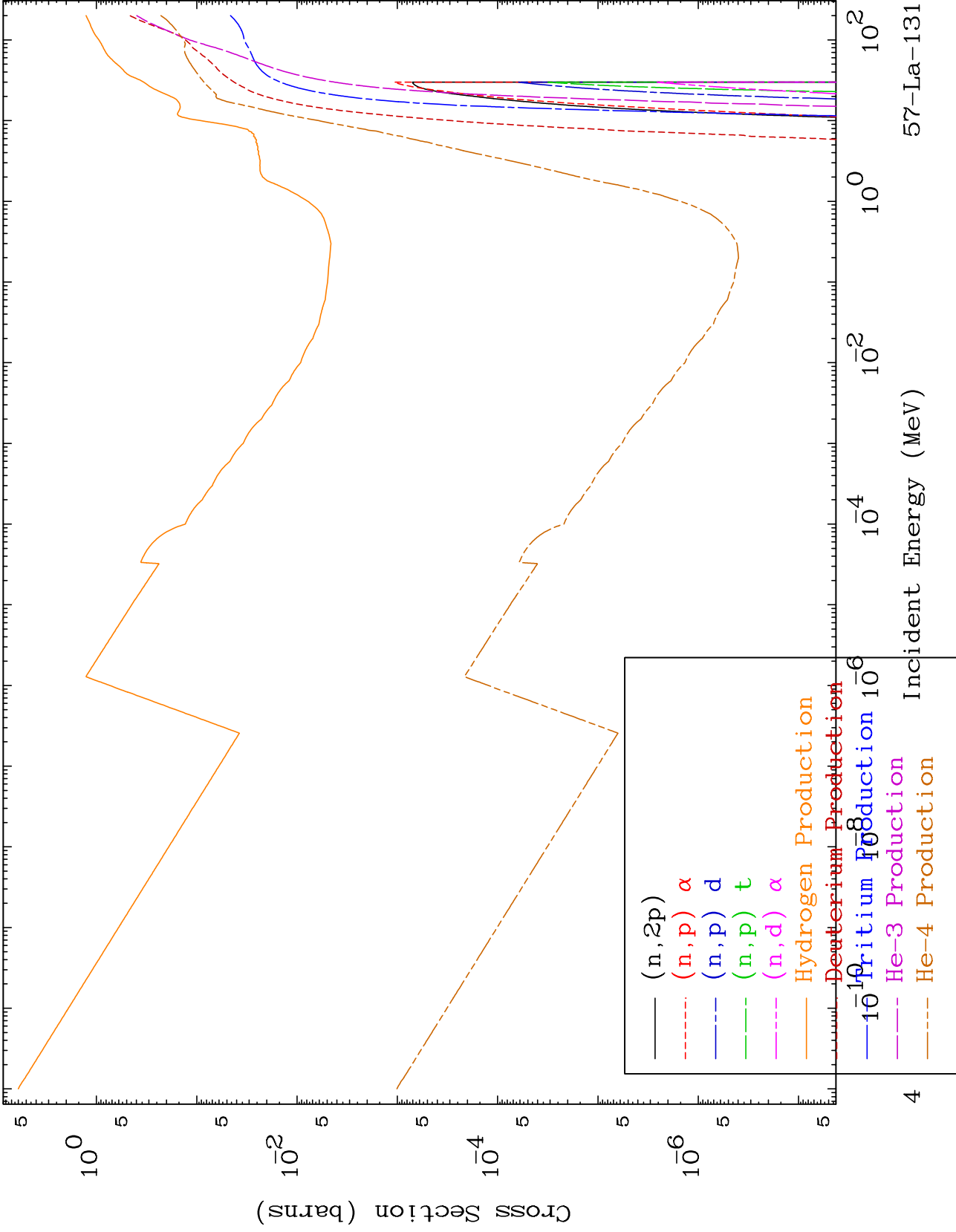




MAT 5704

Neutron Absorption
293 Kelvin Cross Sections

57-La-131

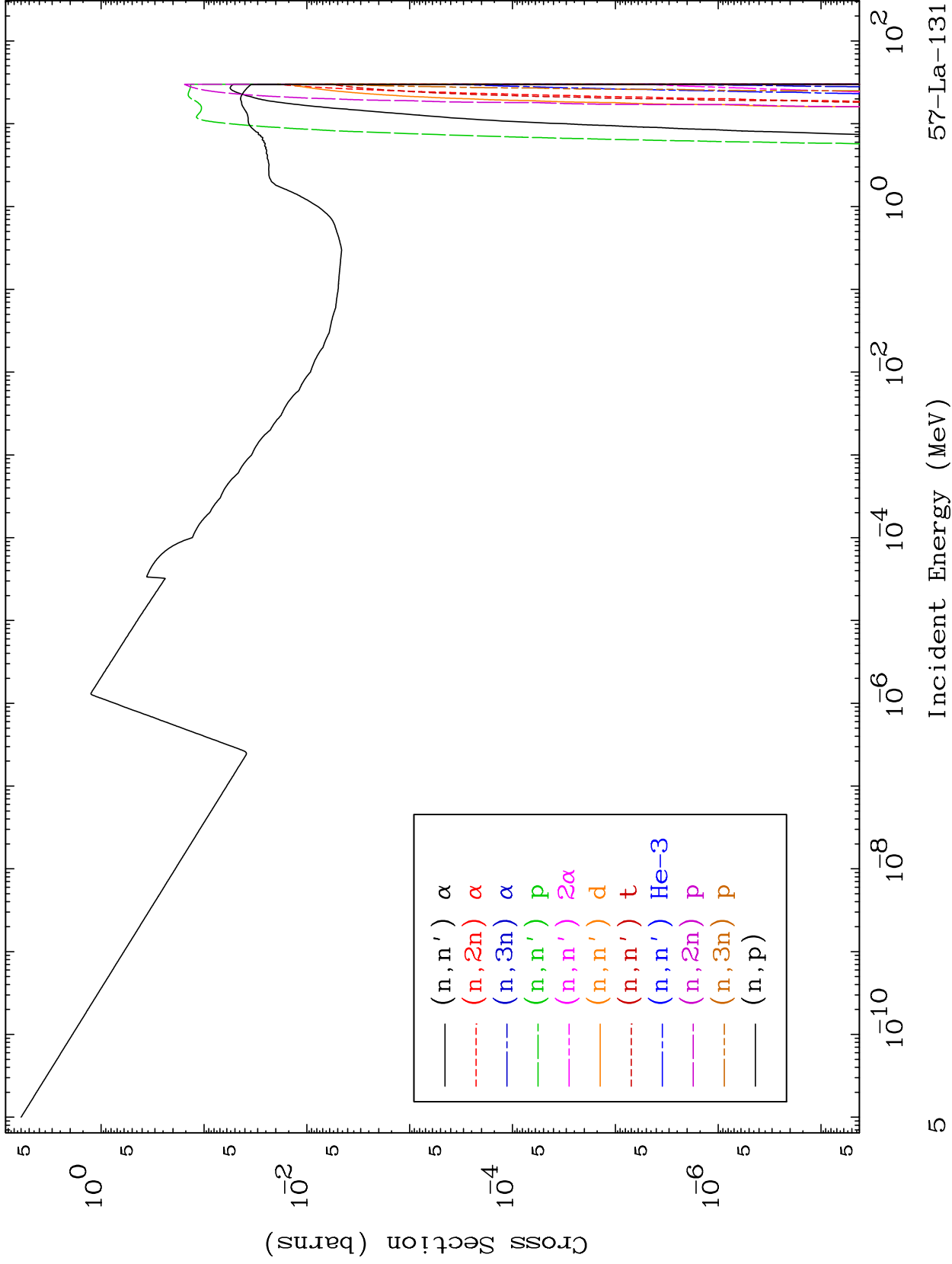


57-La-131

MAT 5704

Charged Particle
293 Kelvin Cross Sections

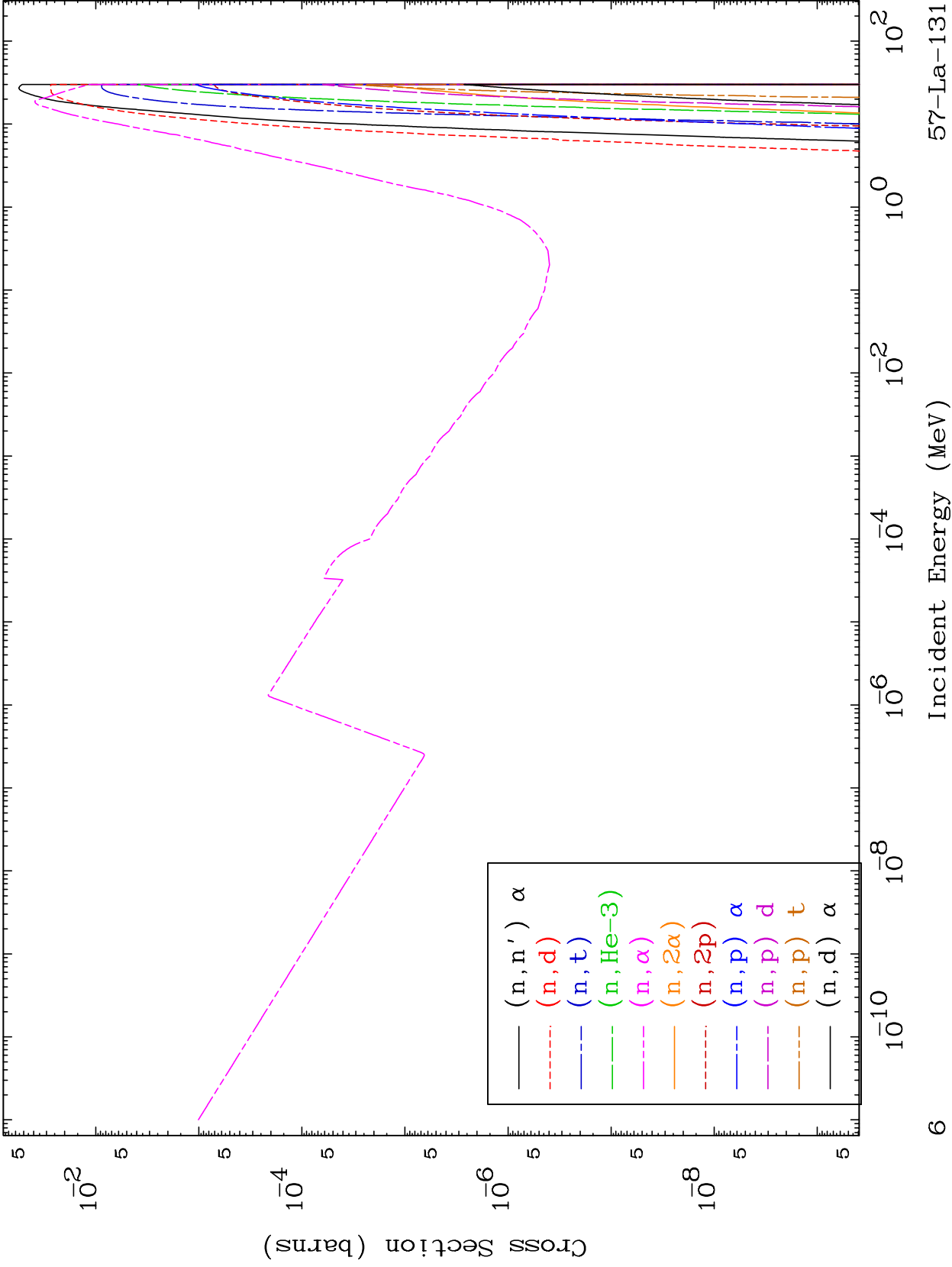
57-La-131



MAT 5704

Charged Particle
293 Kelvin Cross Sections

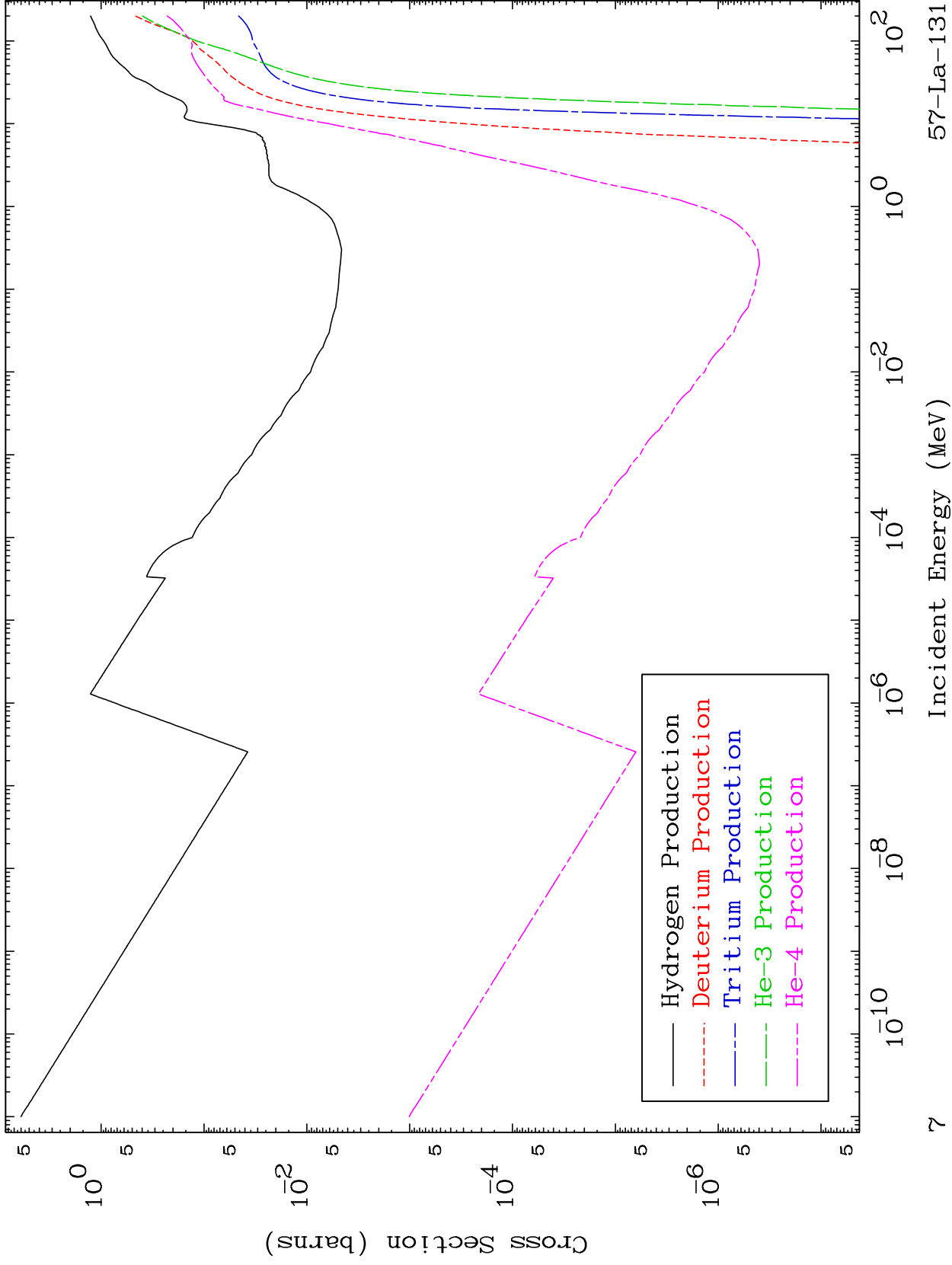
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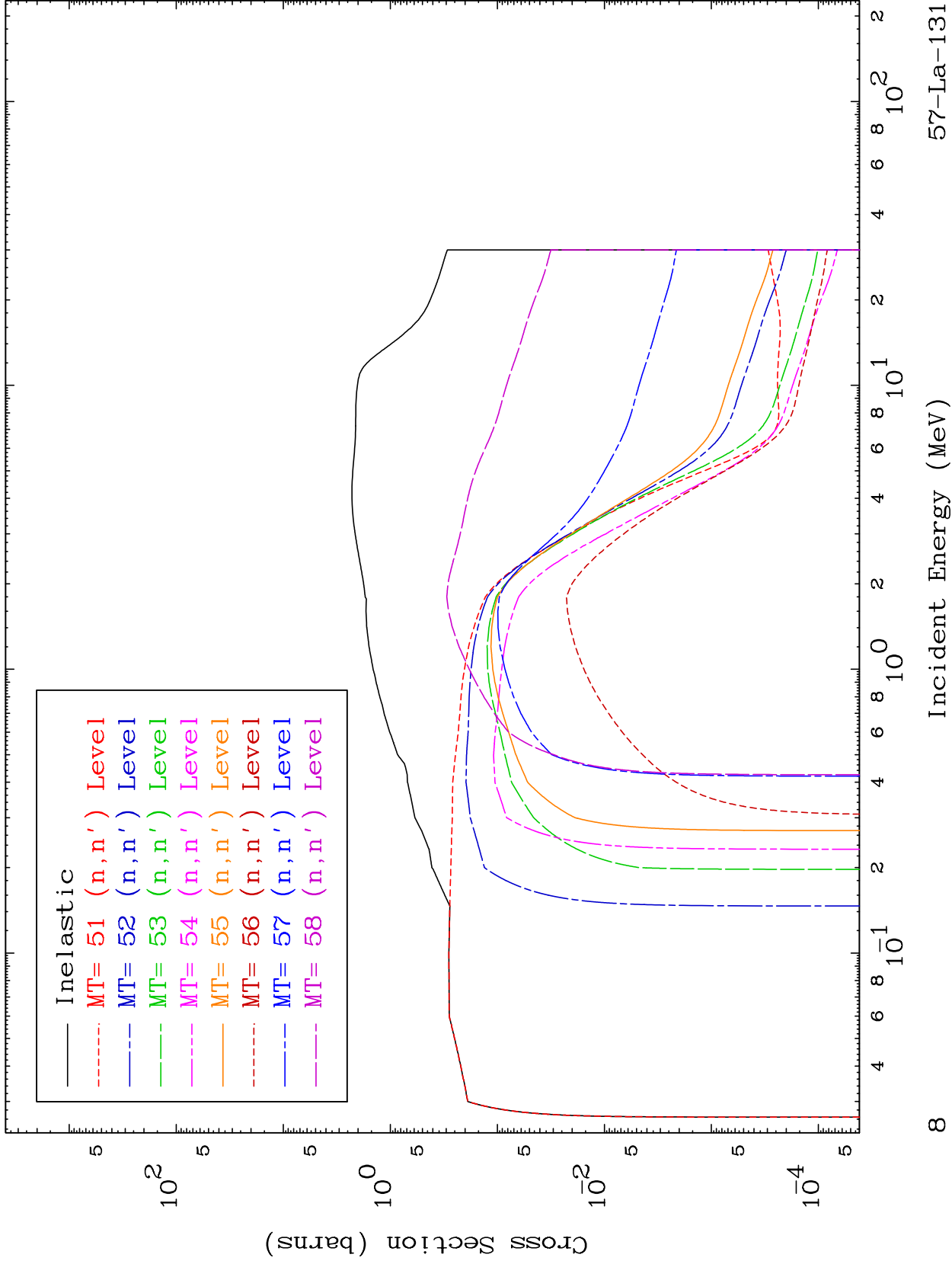


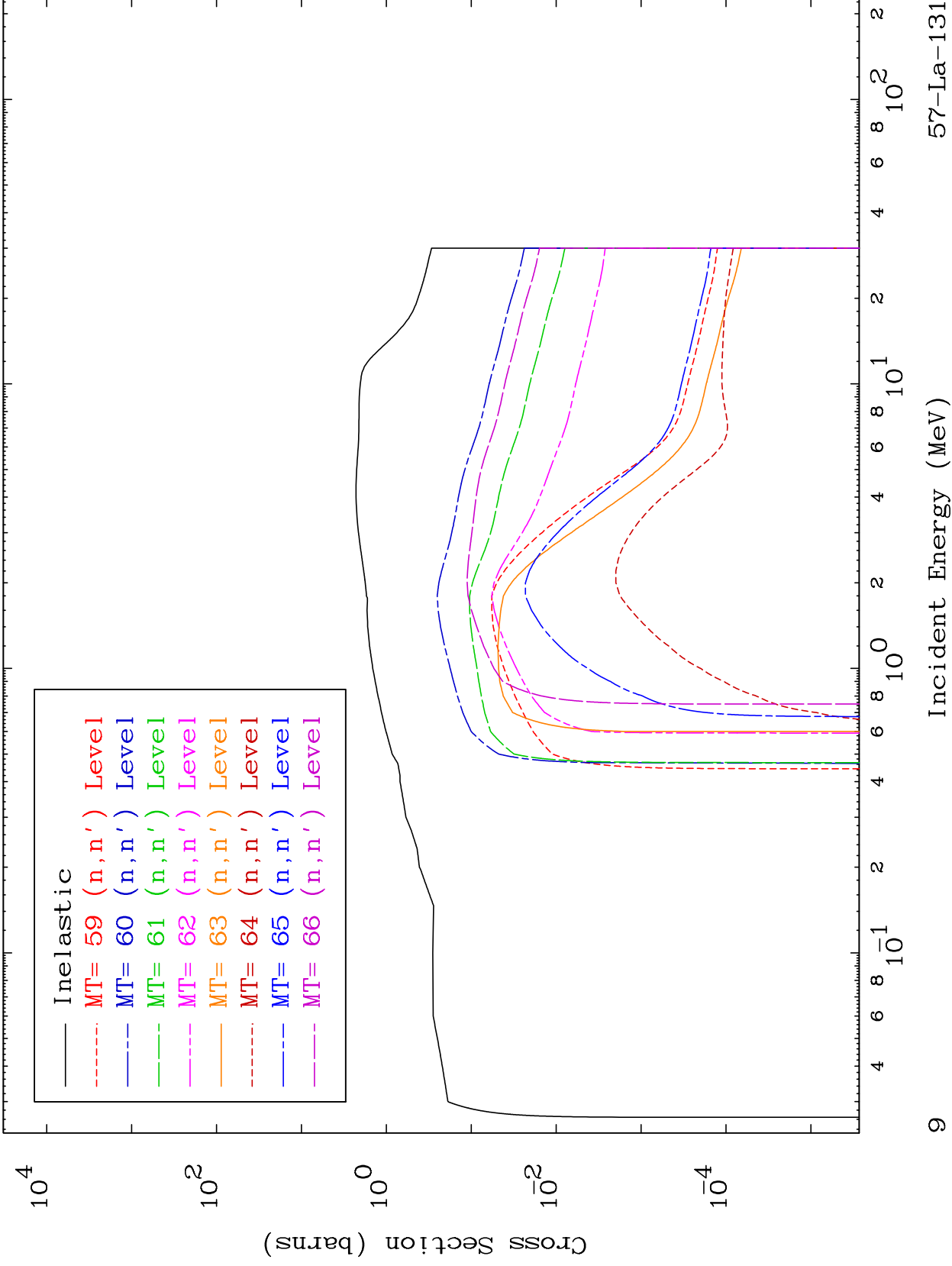
MAT 5704

Particle Production
293 Kelvin Cross Sections

57-La-131



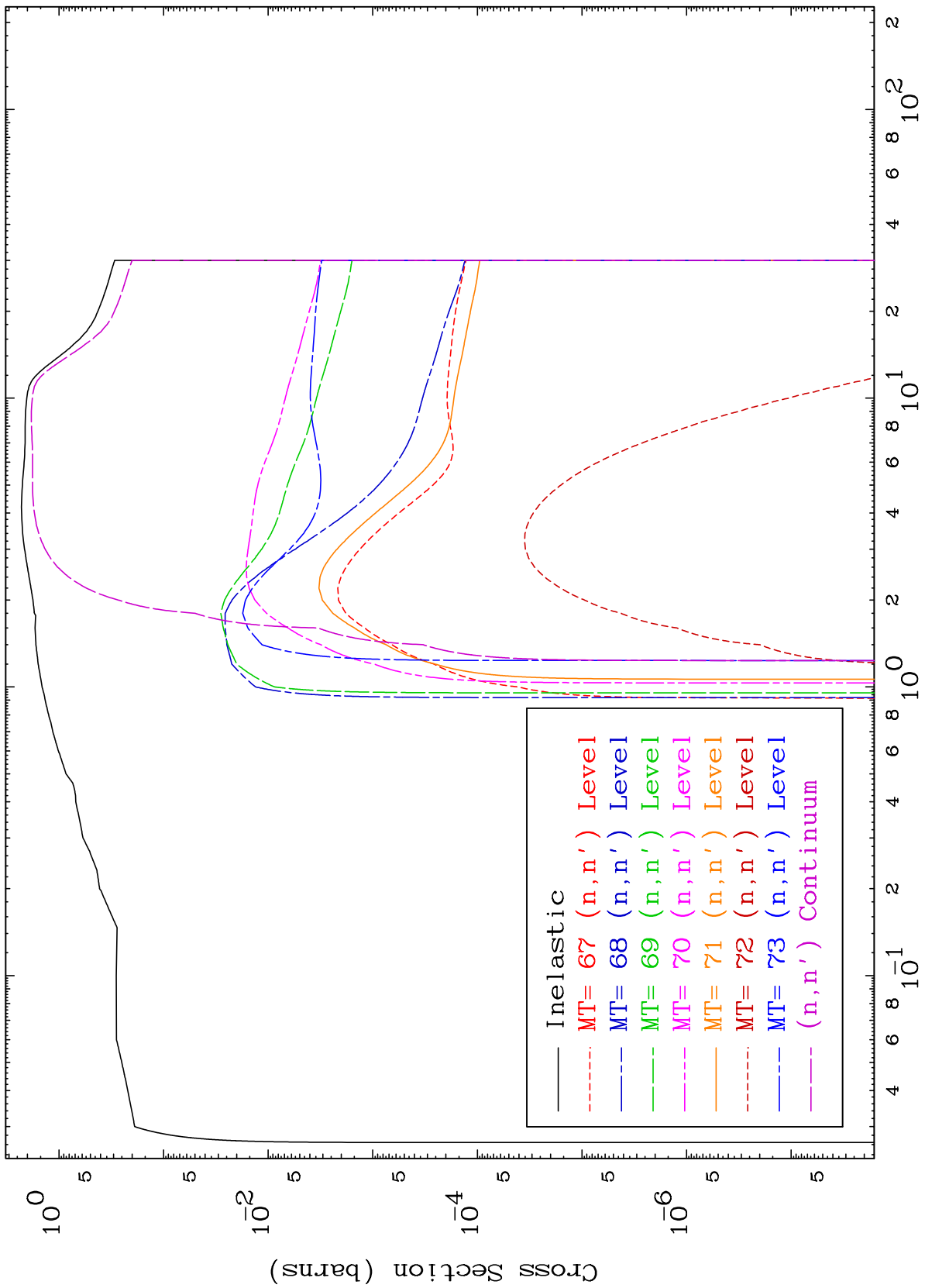




MAT 5704

57-La-131

293 Kelvin Cross Sections
(n,n') Levels



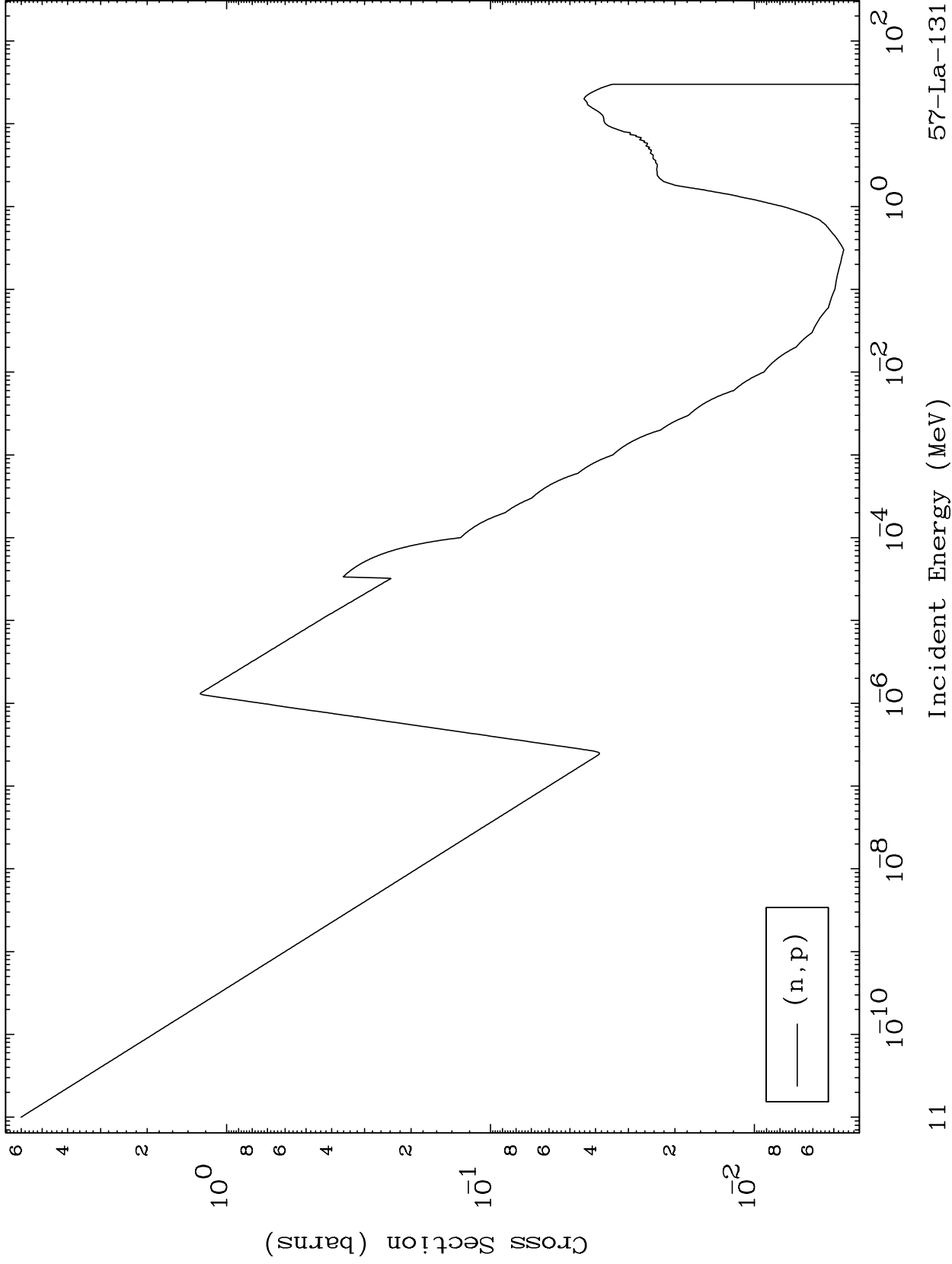
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57-La-131

MAT 5704

(n,p) Levels
293 Kelvin Cross Sections

57-La-131



11

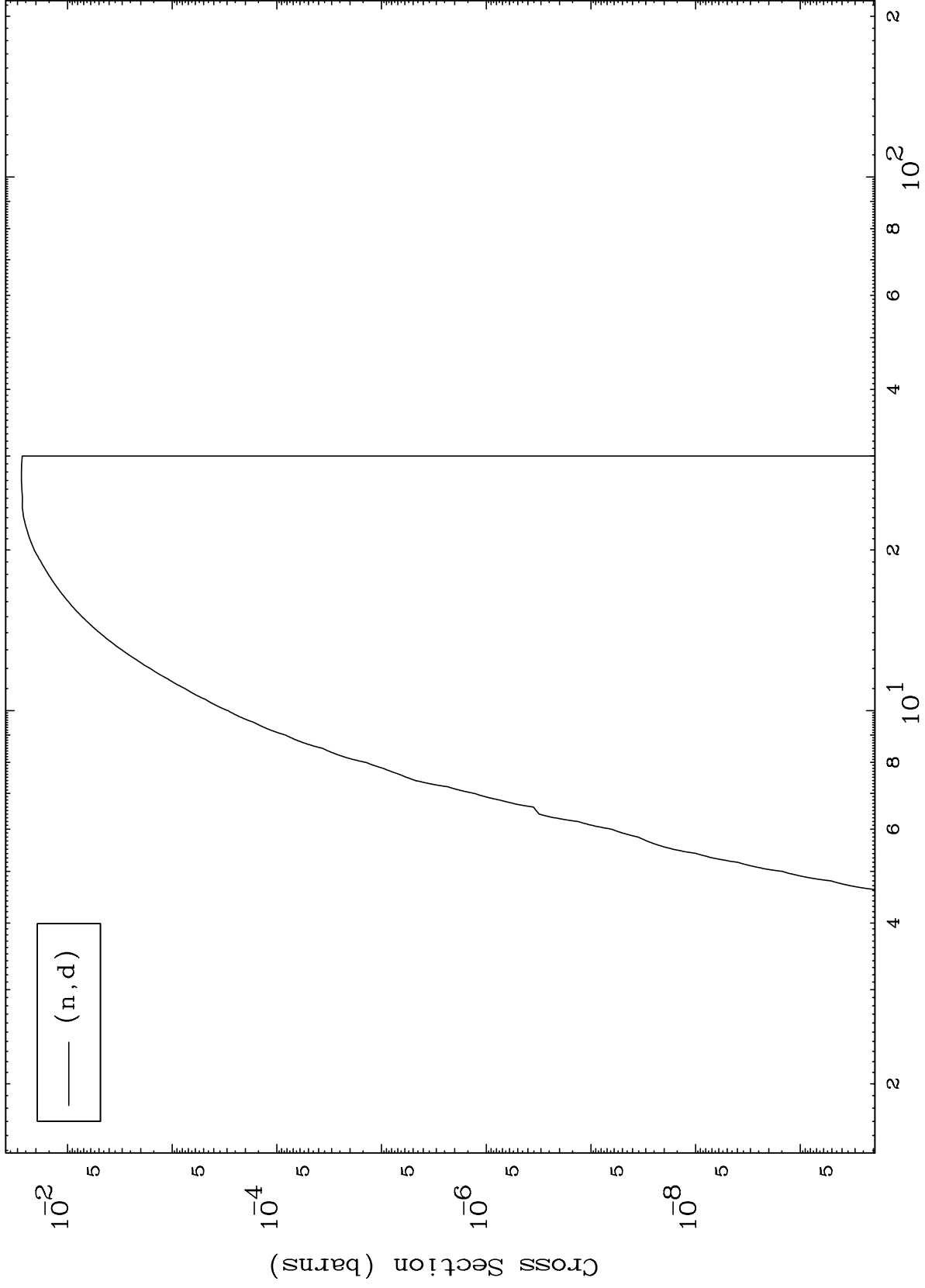
Incident Energy (MeV)

57-La-131

MAT 5704

(n,d) Levels
293 Kelvin Cross Sections

57-La-131



12

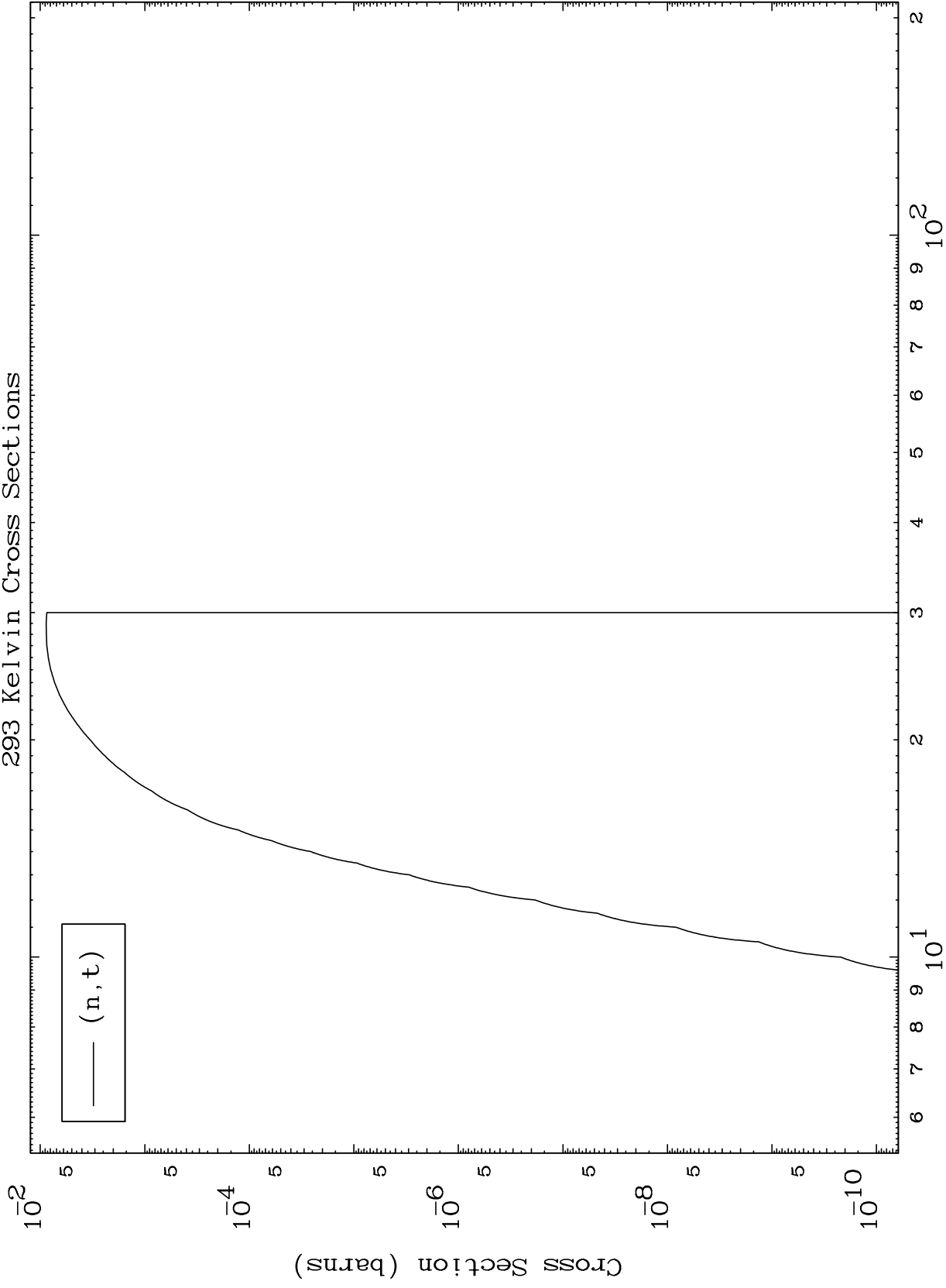
Incident Energy (MeV)

57-La-131

MAT 5704

(n,t) Levels
293 Kelvin Cross Sections

57-La-131



13

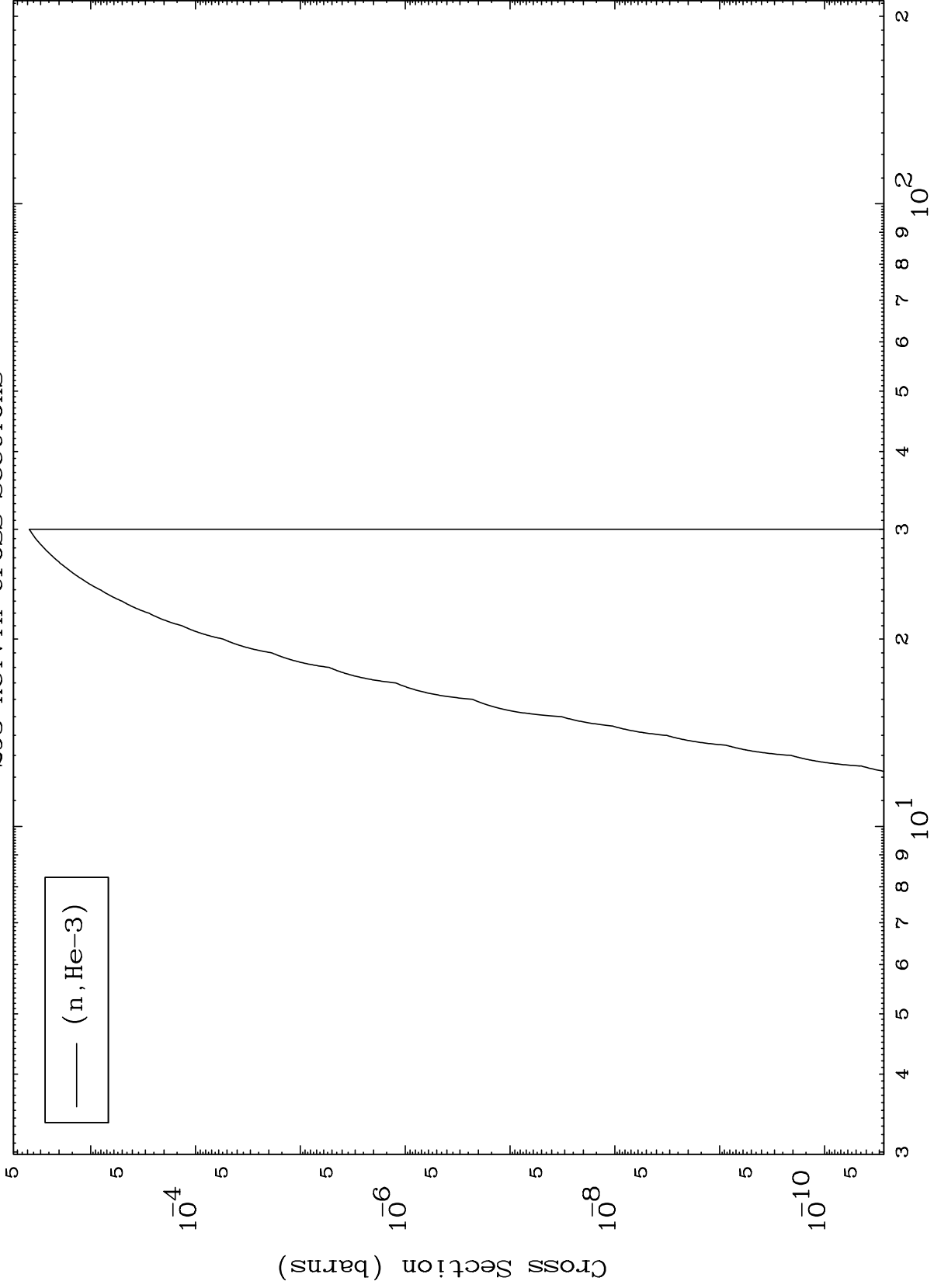
Incident Energy (MeV)

57-La-131

MAT 5704

(n,He3) Levels
293 Kelvin Cross Sections

57-La-131



14

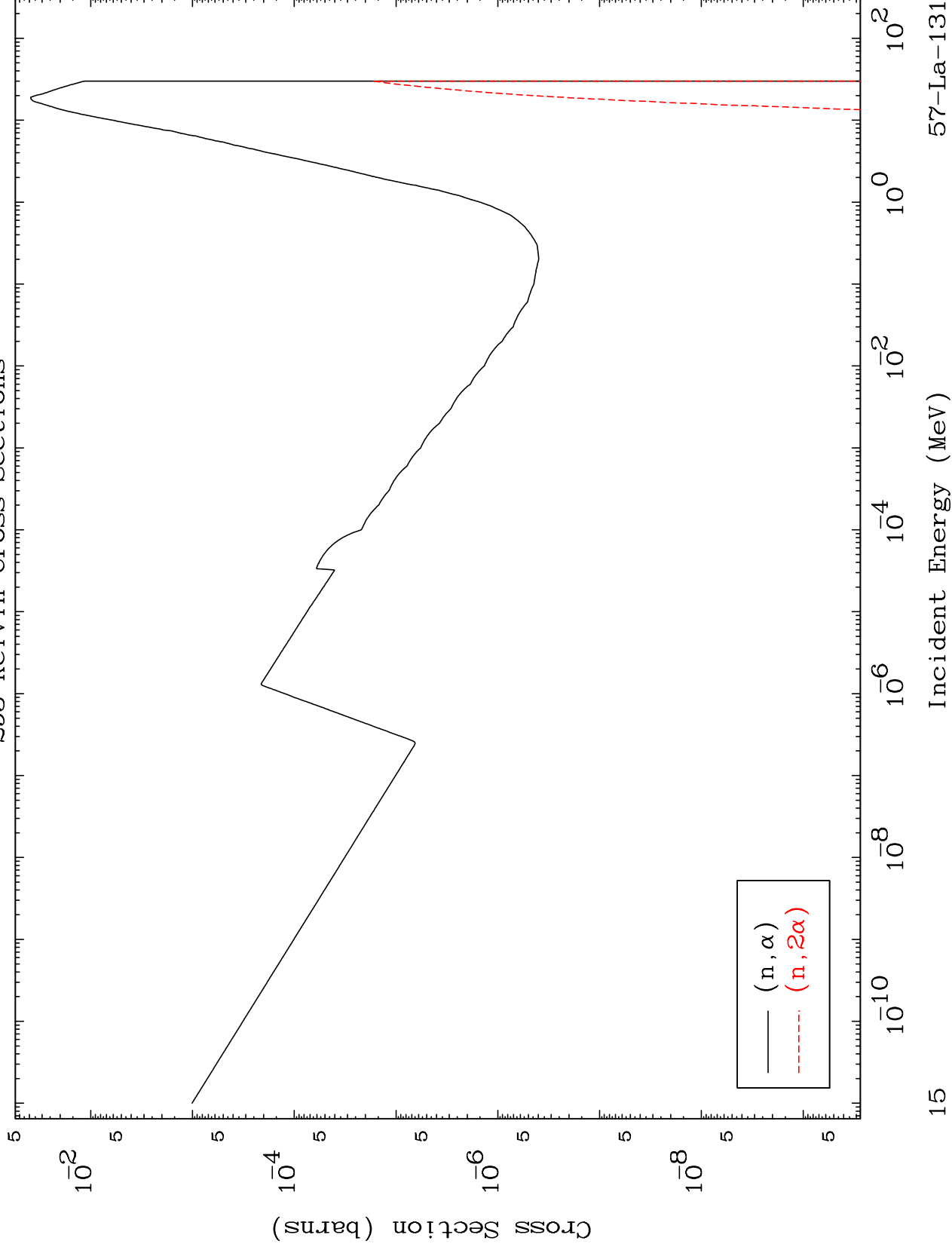
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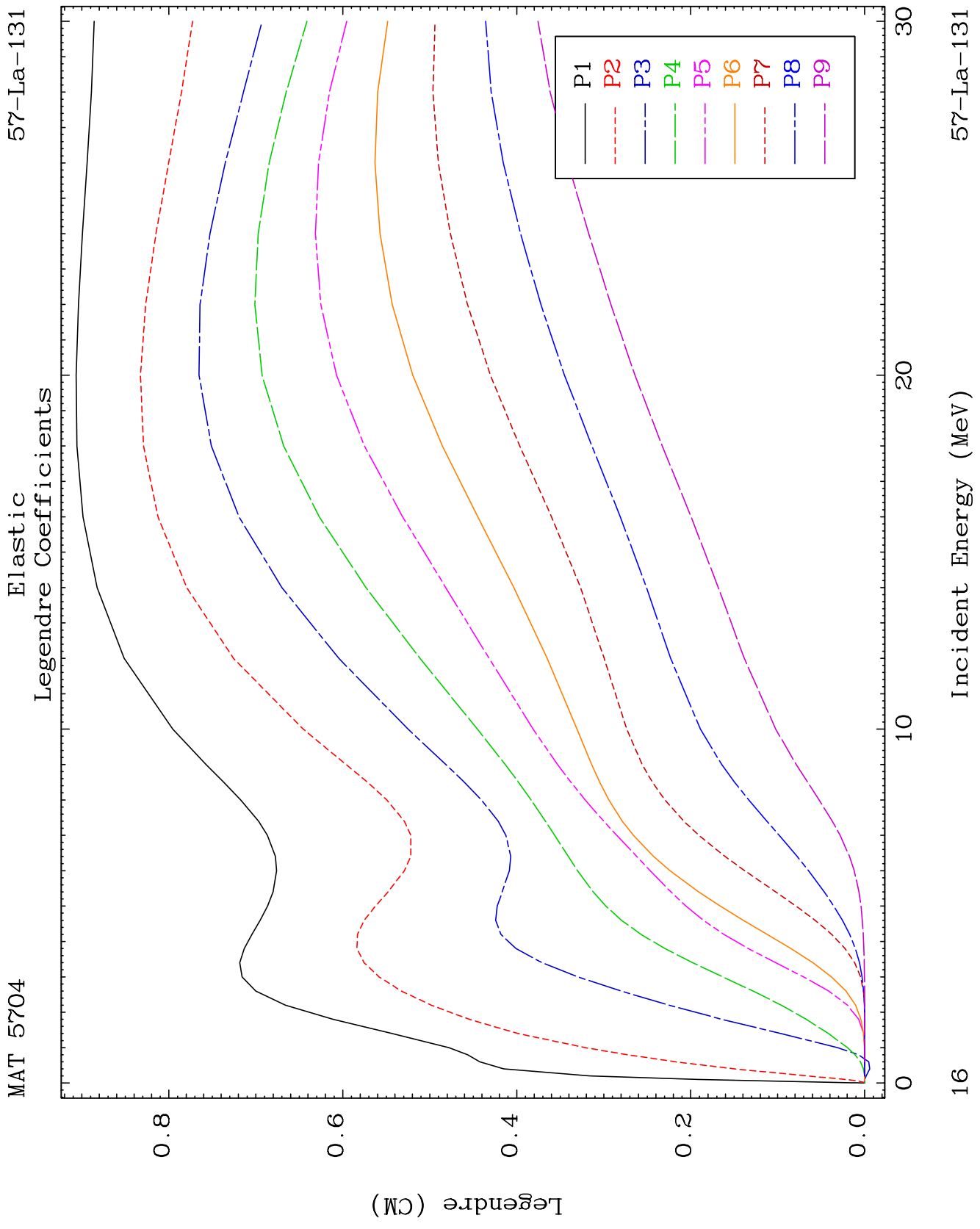
57-La-131

MAT 5704

(n,α) Levels
293 Kelvin Cross Sections

57-La-131

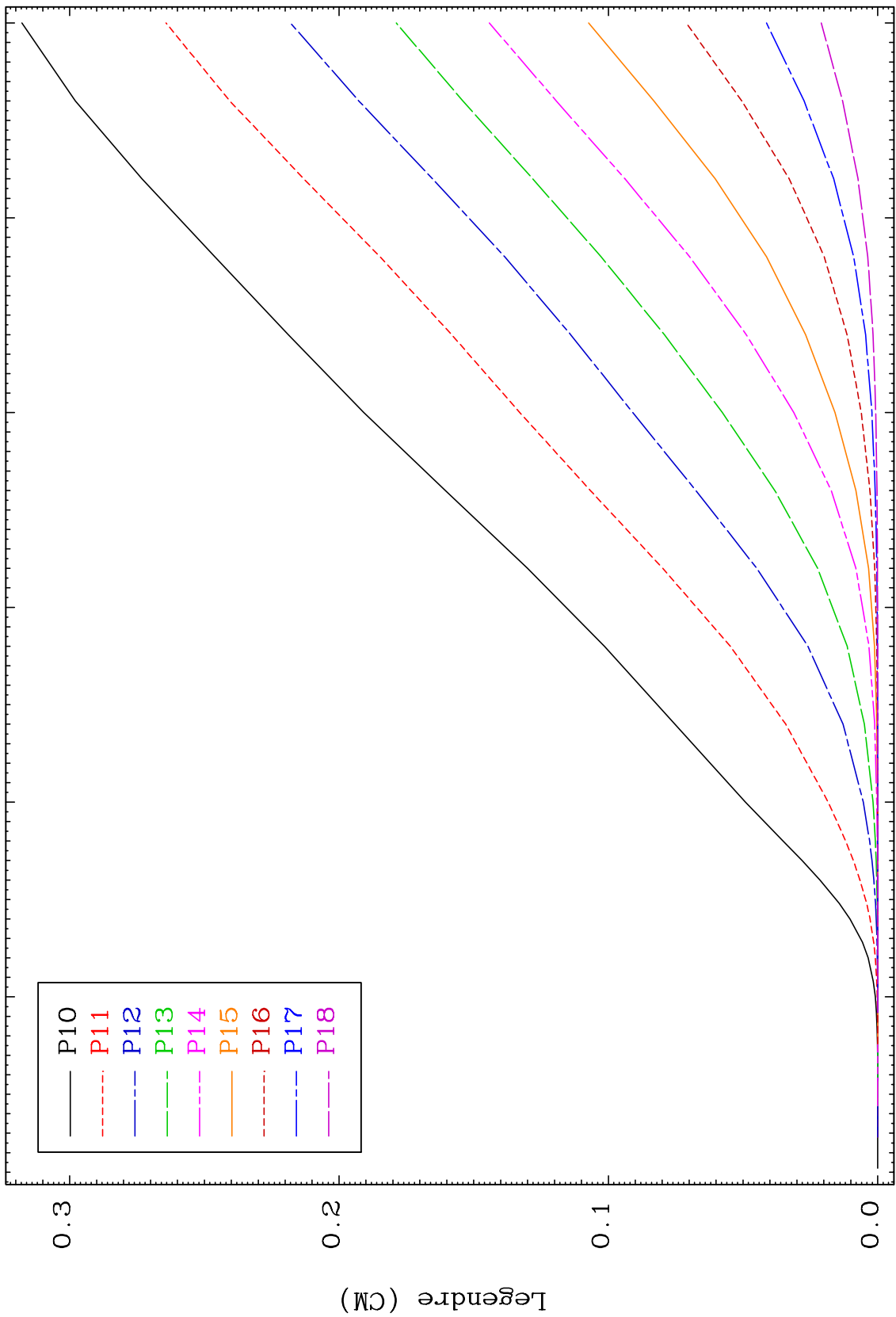




MAT 5704

Elastic Legendre Coefficients

57-La-131



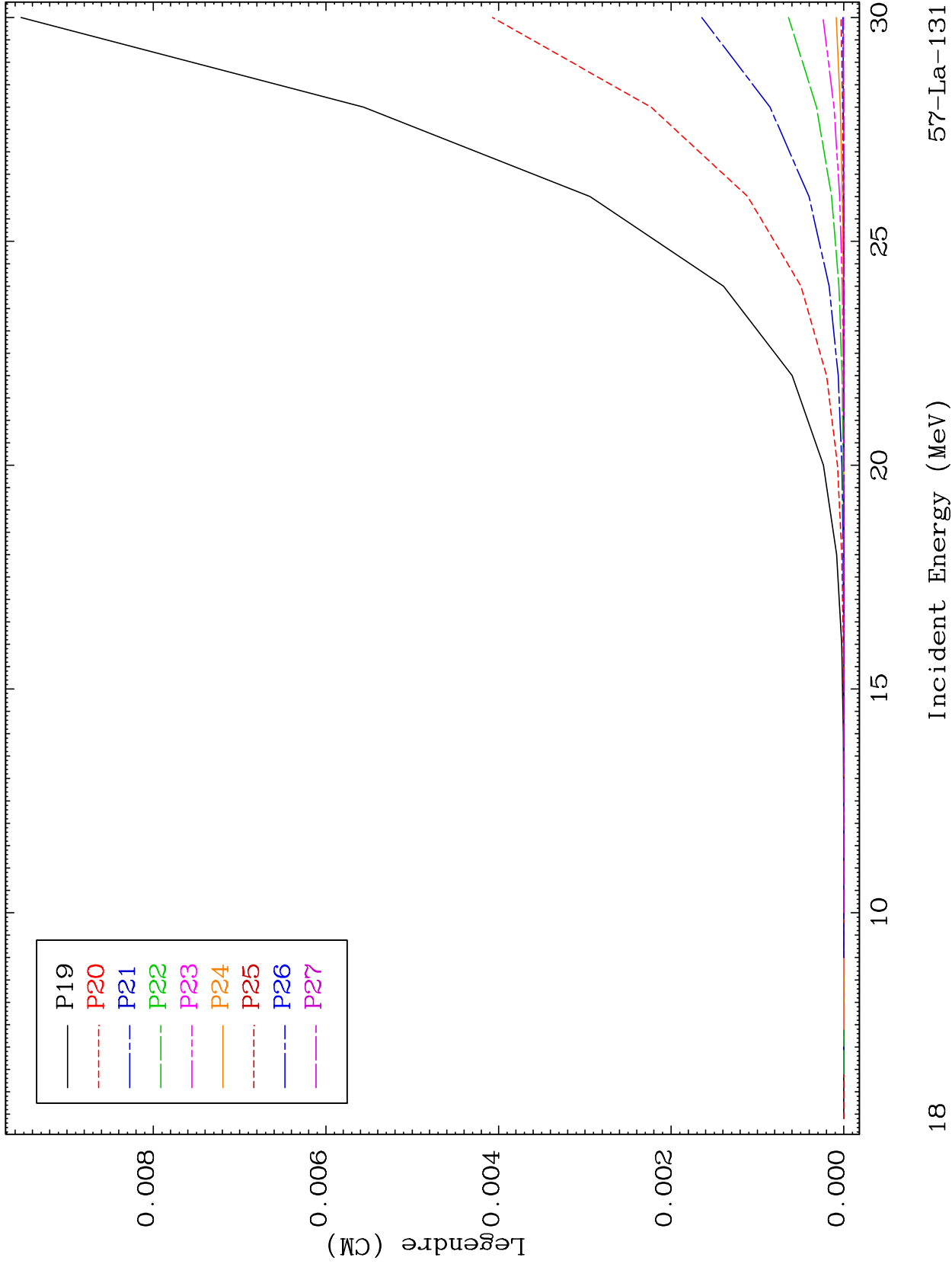
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MAT 5704

Elastic Legendre Coefficients

57-La-131



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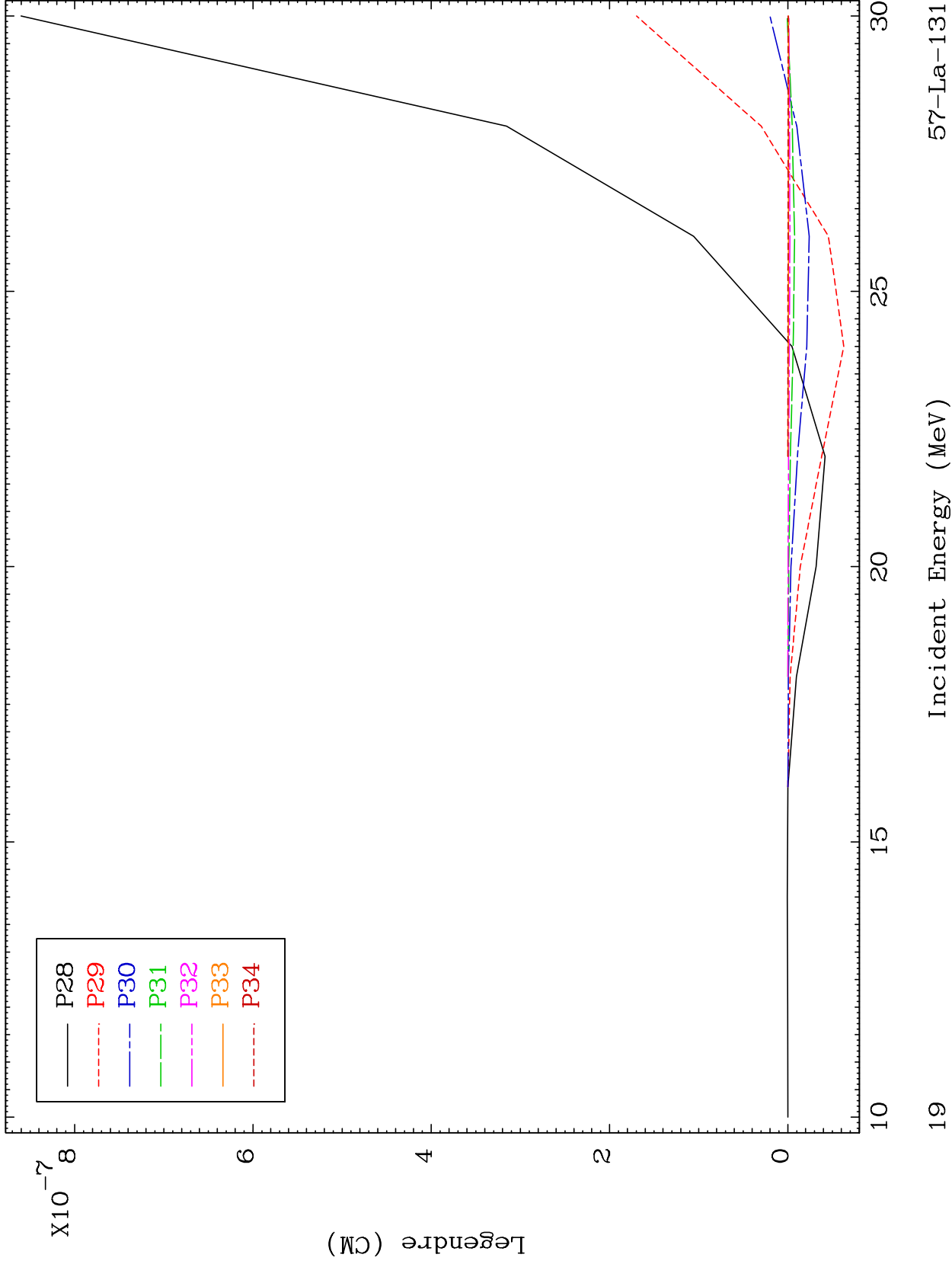
Incident Energy (MeV)

57-La-131

MAT 5704

Elastic Legendre Coefficients

57-La-131



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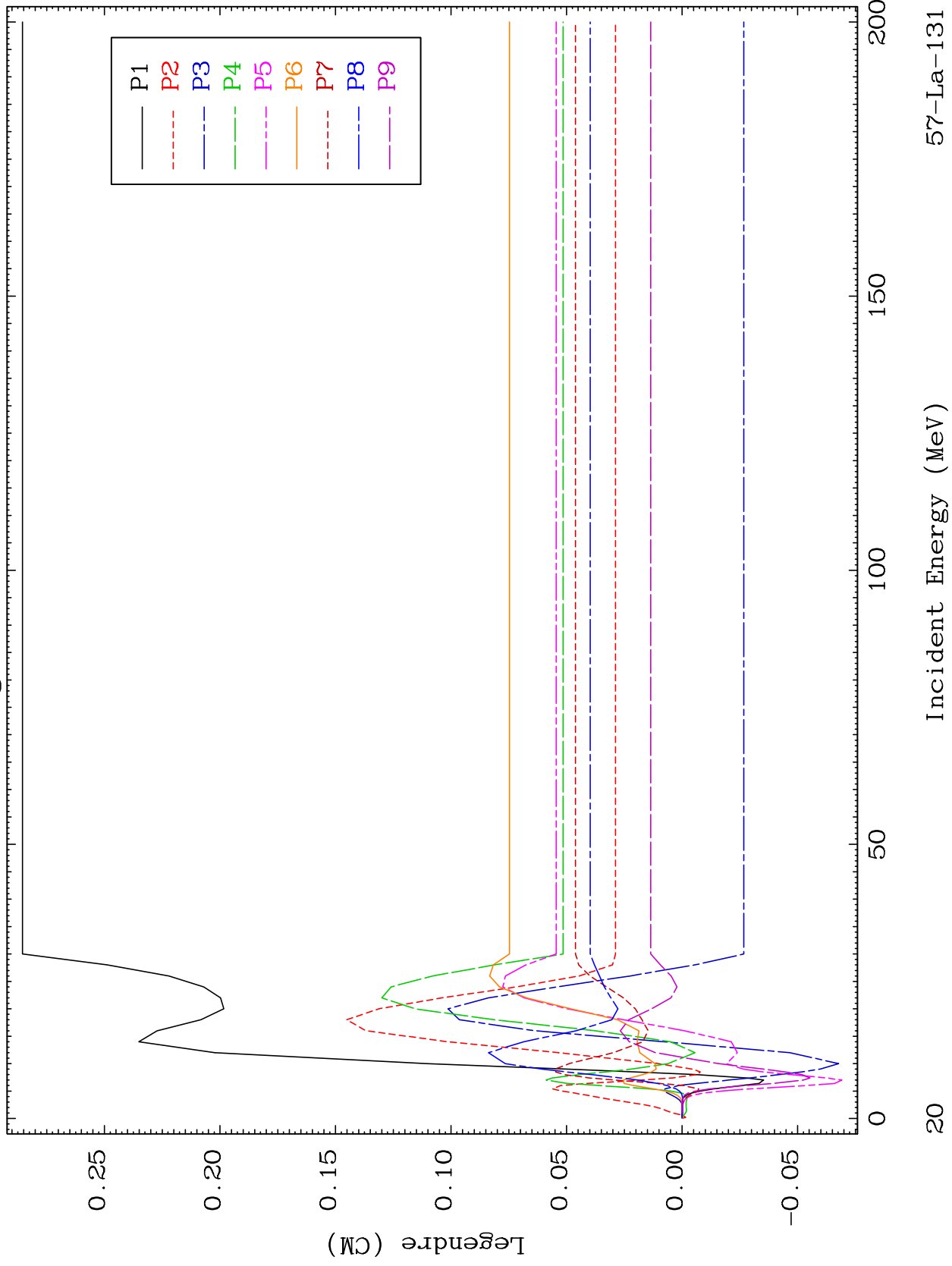
Incident Energy (MeV)

57-La-131

MAT 5704

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

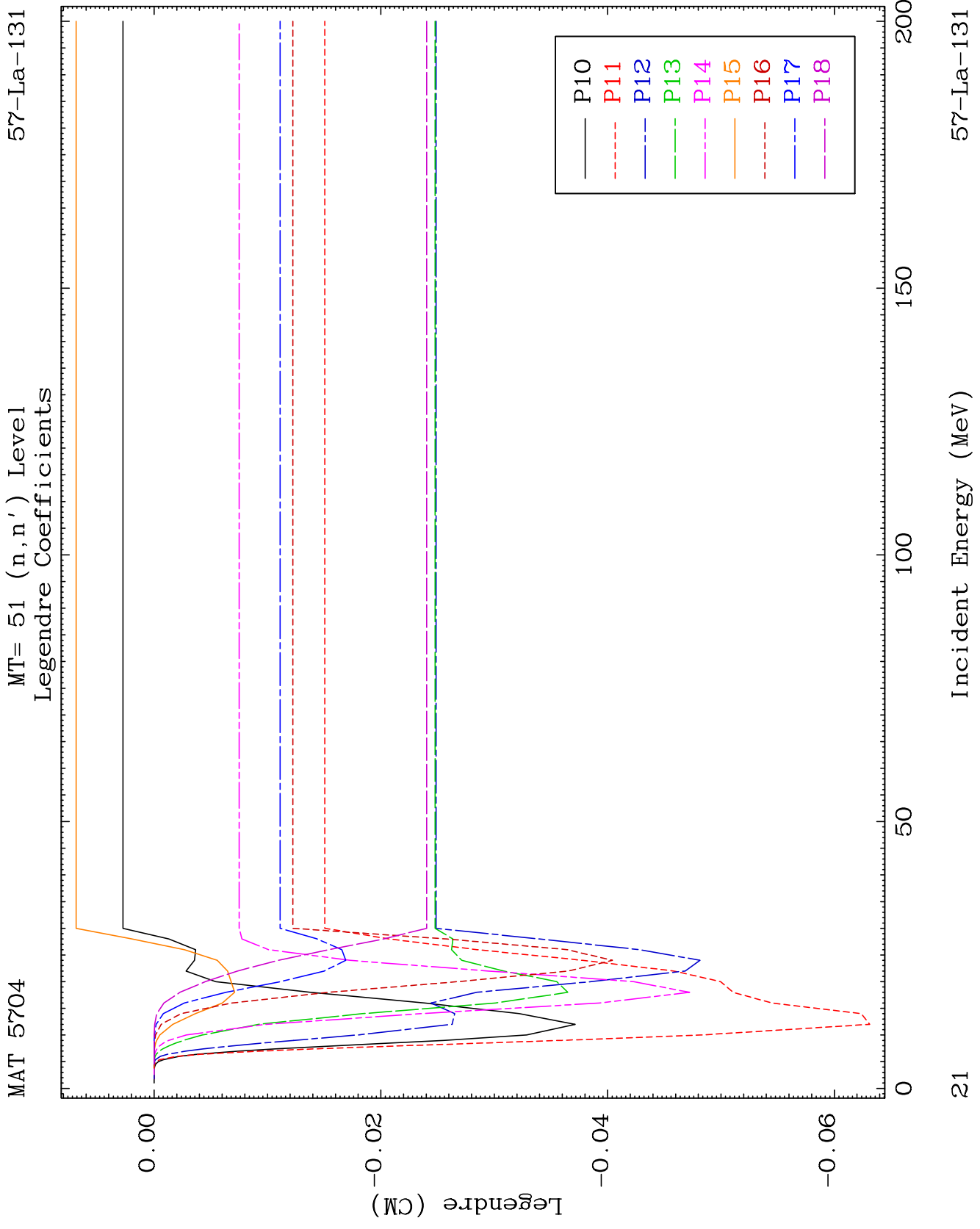
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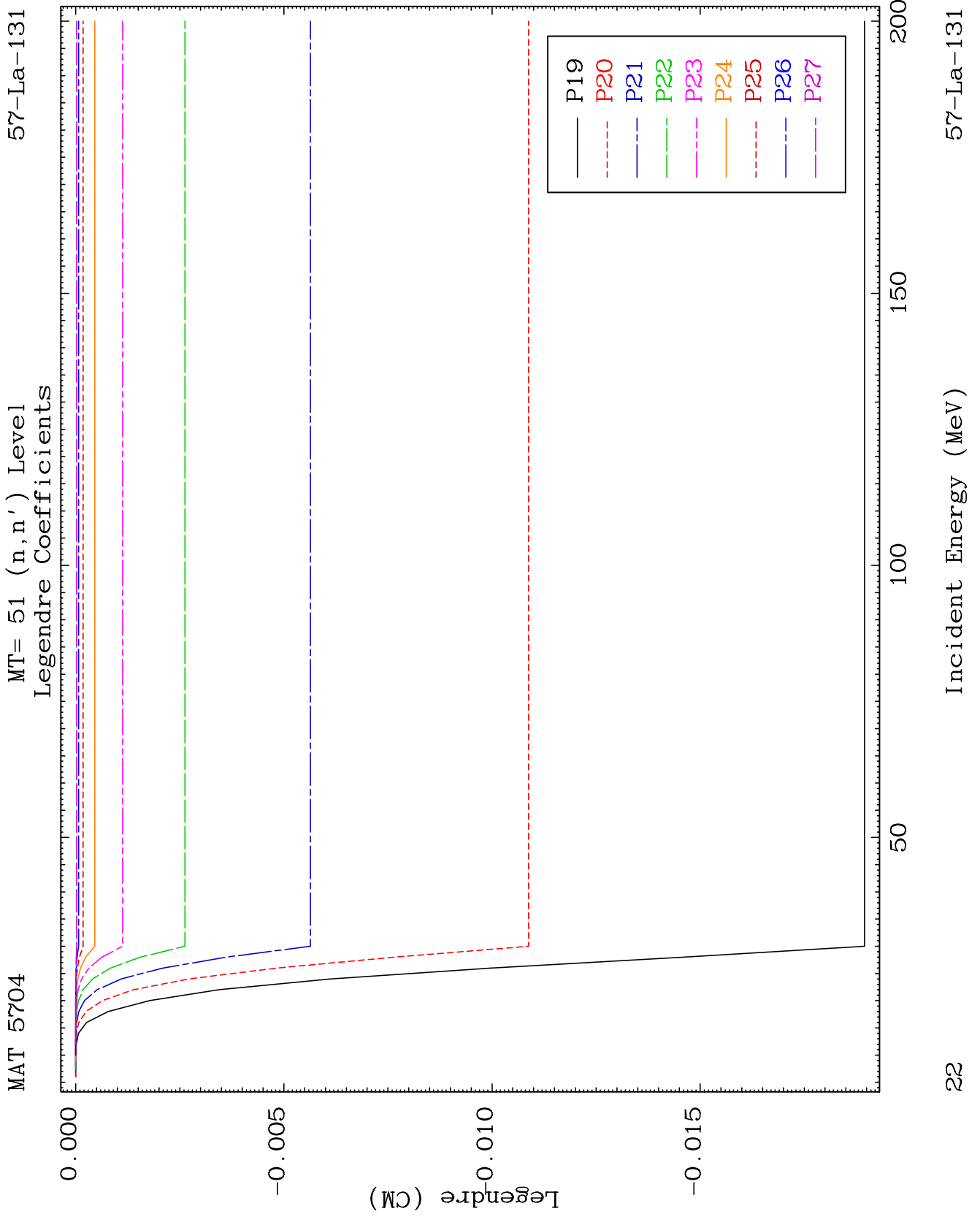


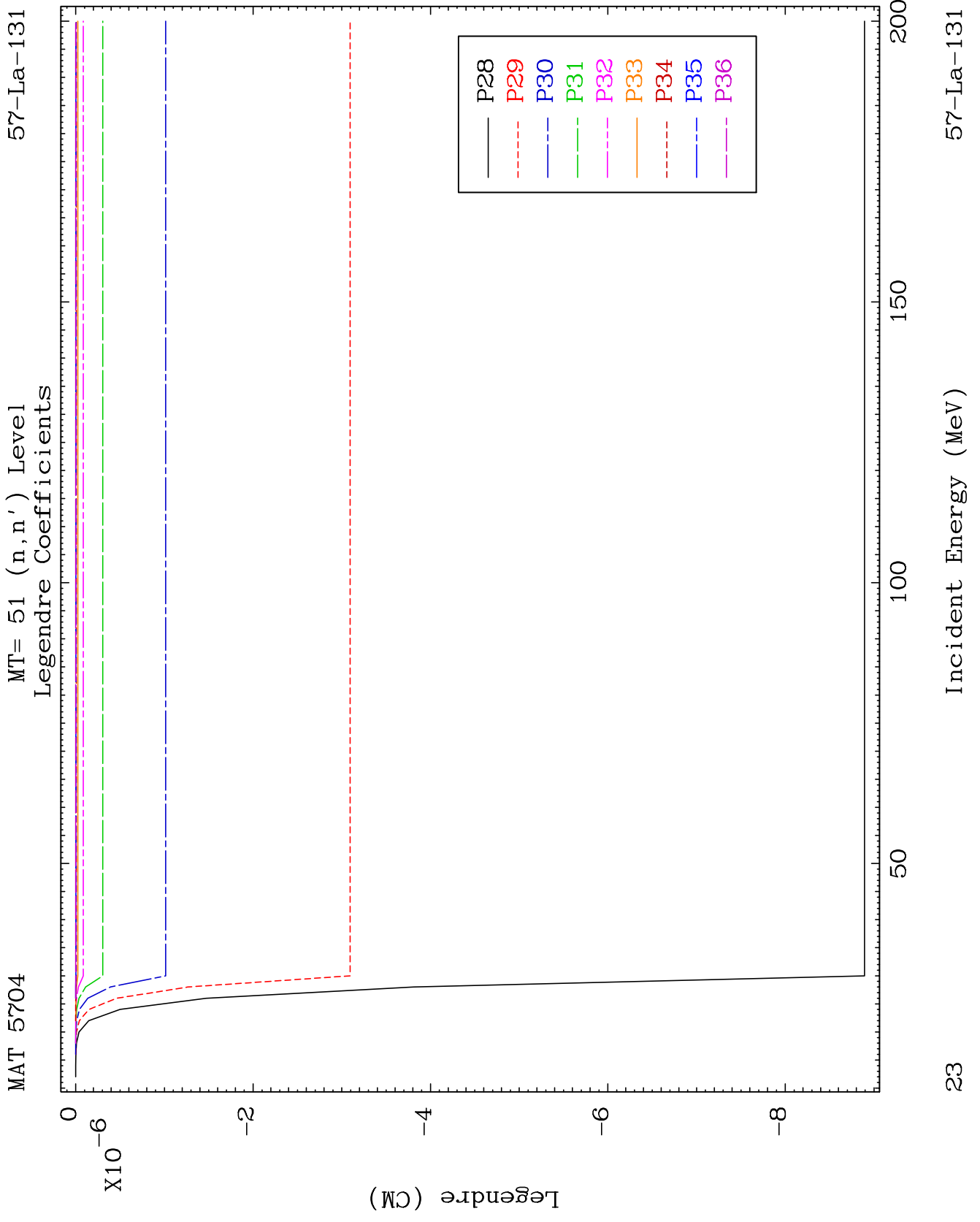
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Incident Energy (MeV)

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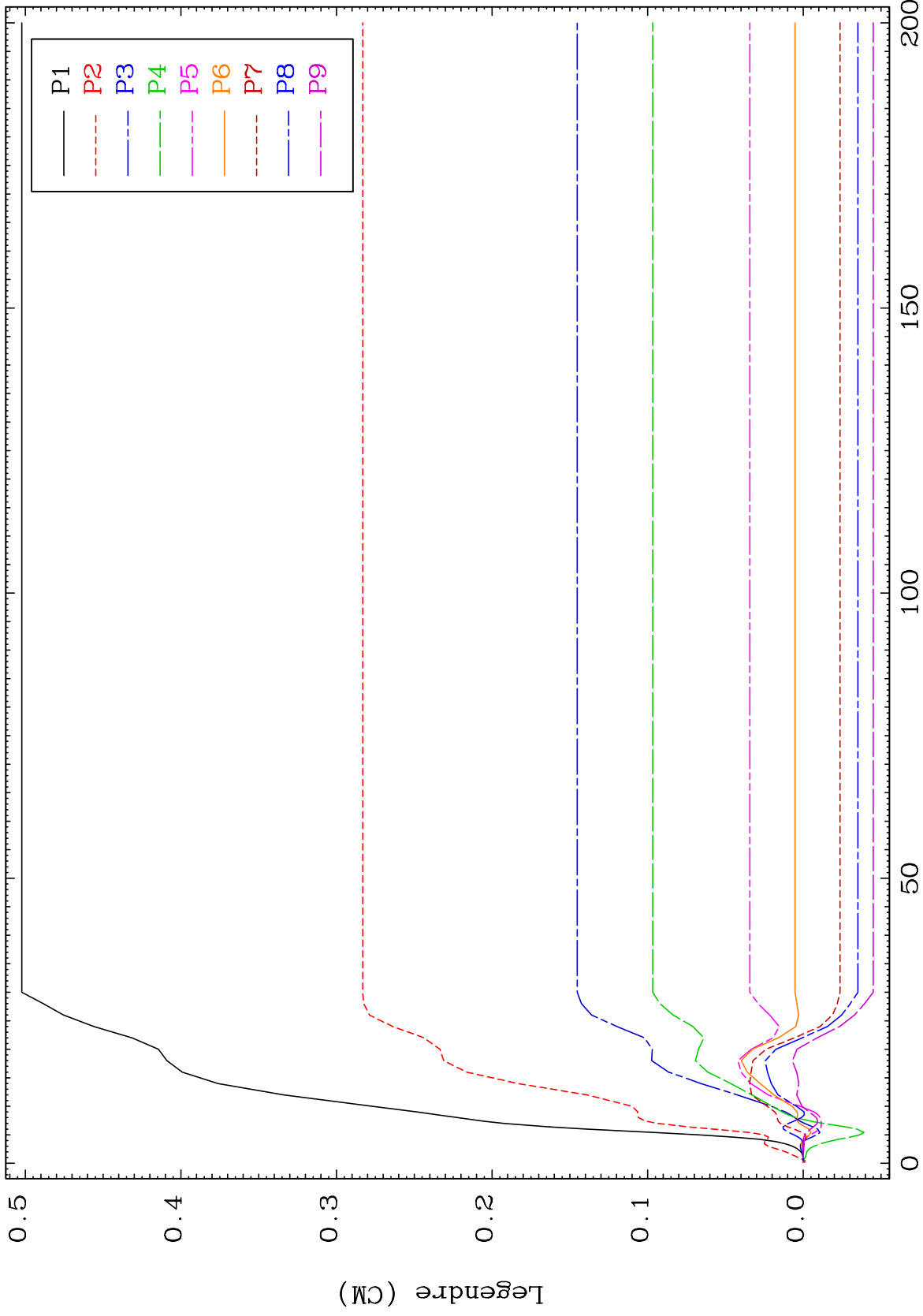




MAT 5704

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

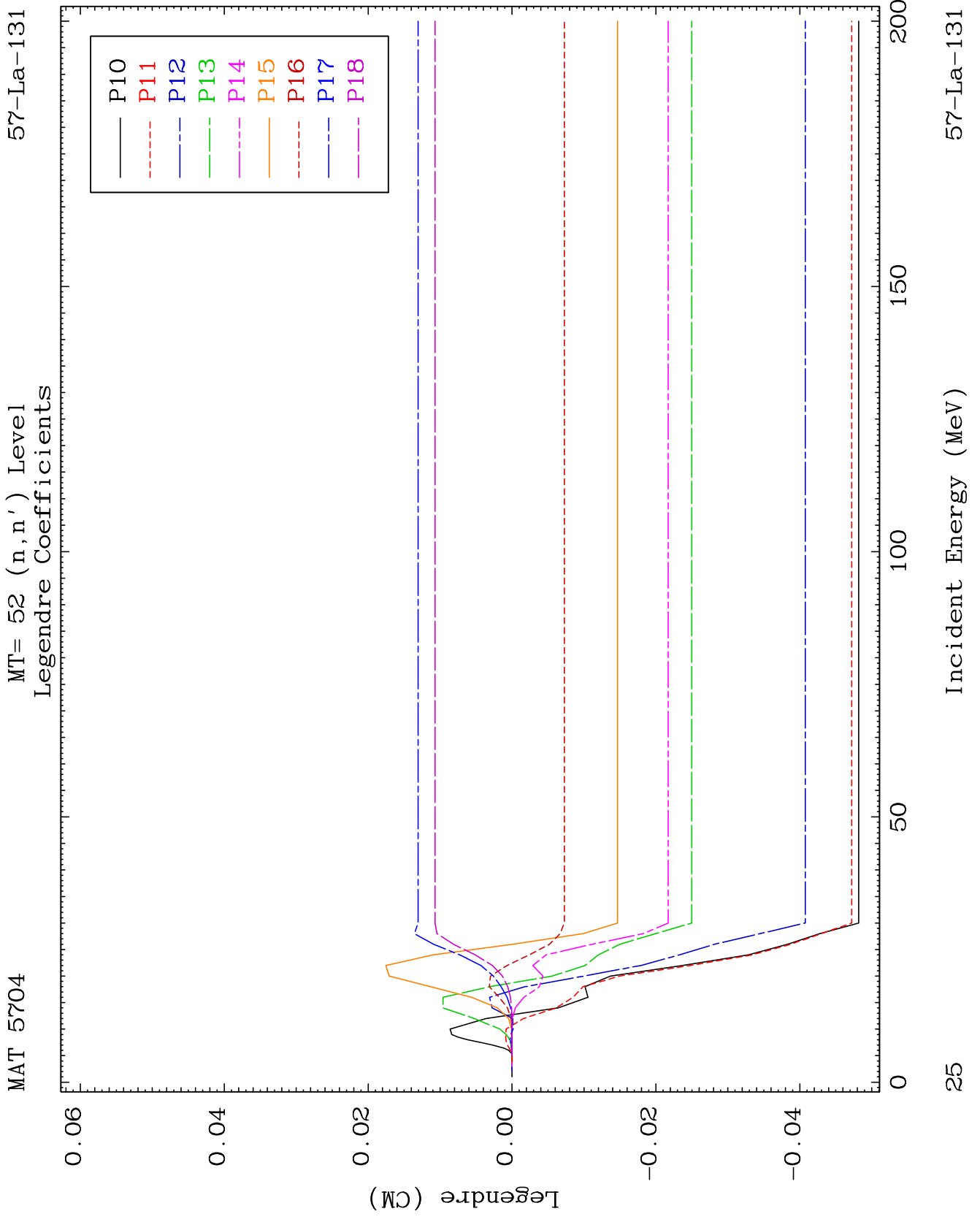
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Incident Energy (MeV)

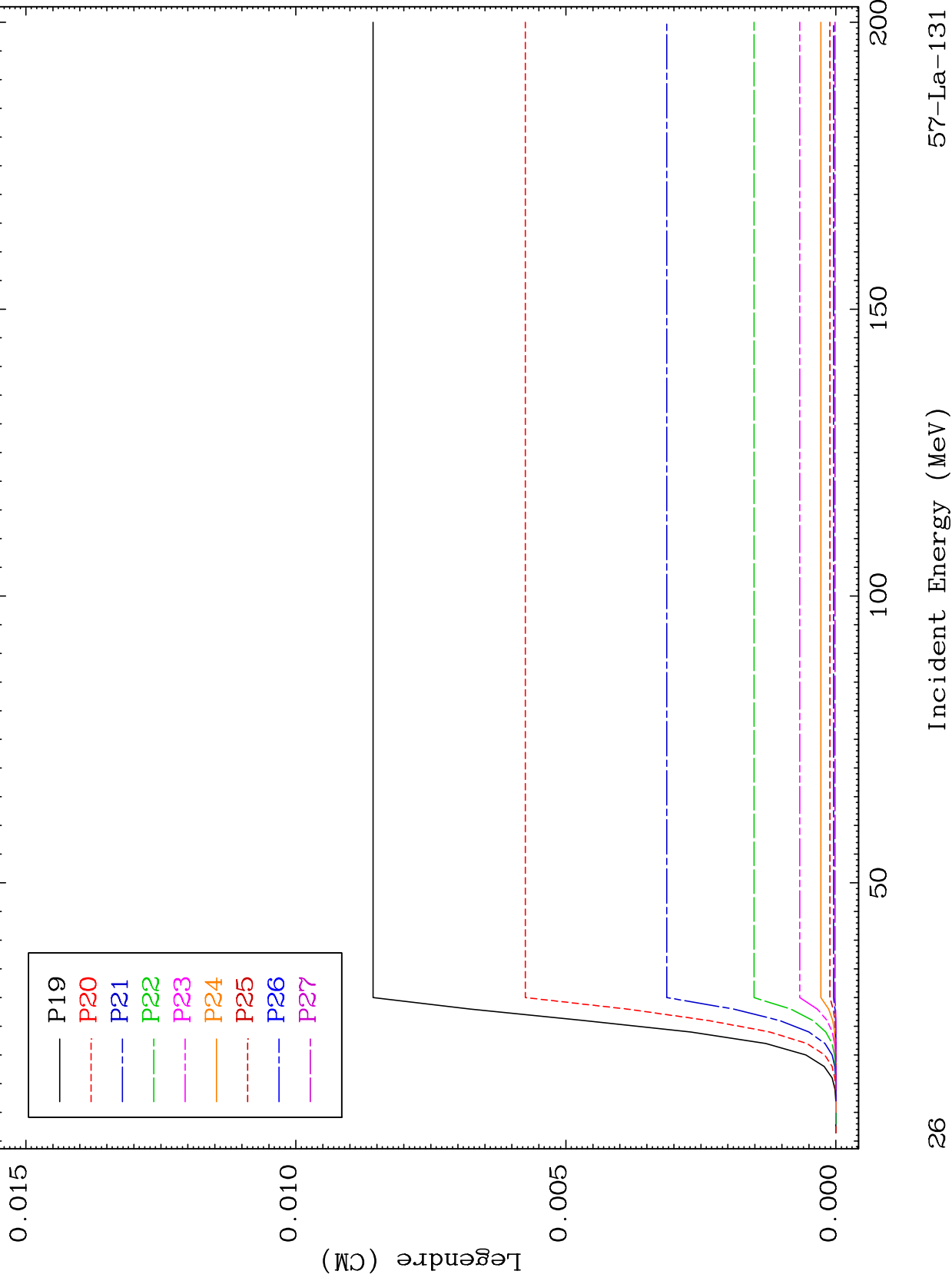
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MAT 5704

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

57-La-131



57-La-131

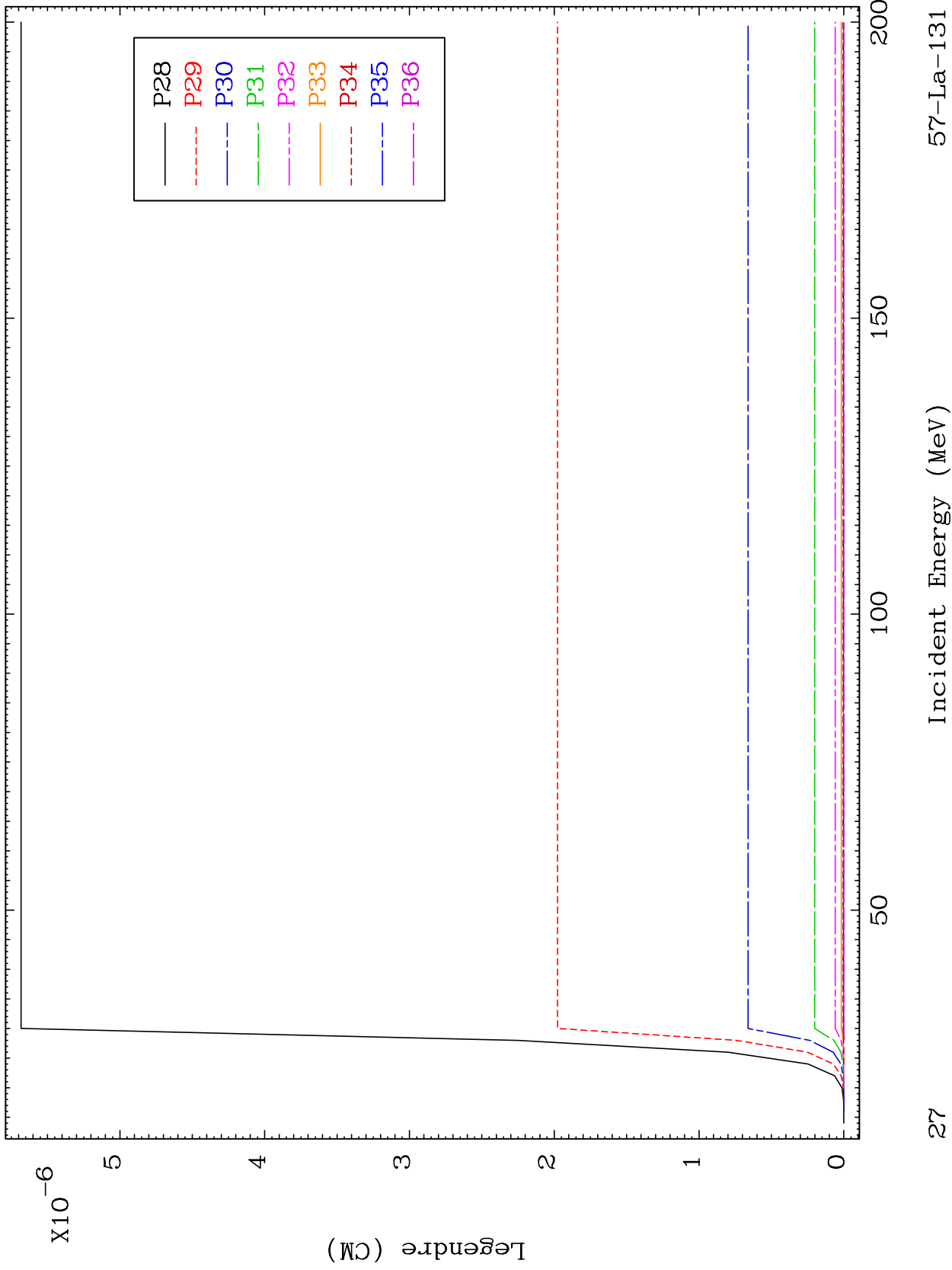
Incident Energy (MeV)

26

MAT 5704

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

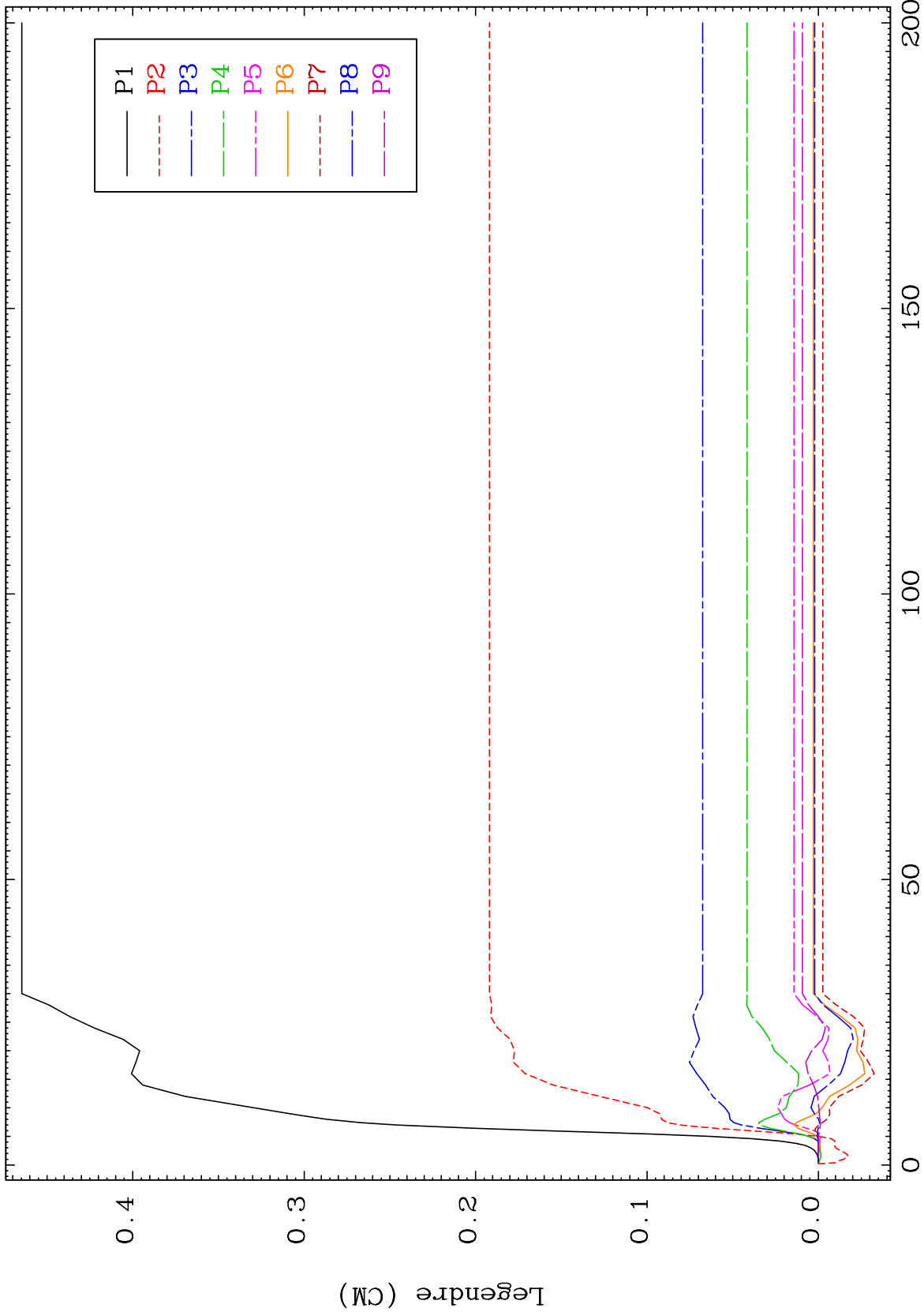
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MAT 5704

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

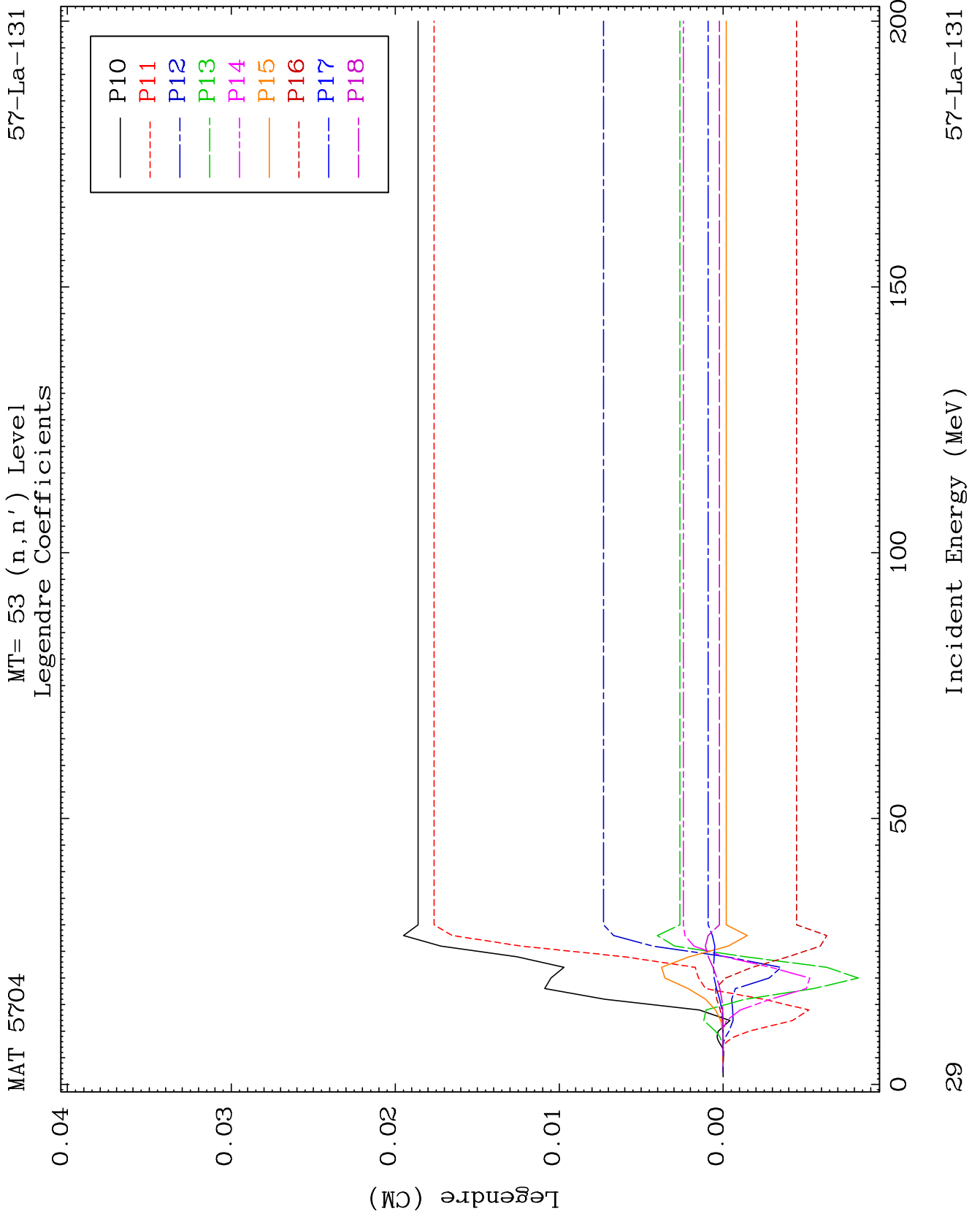
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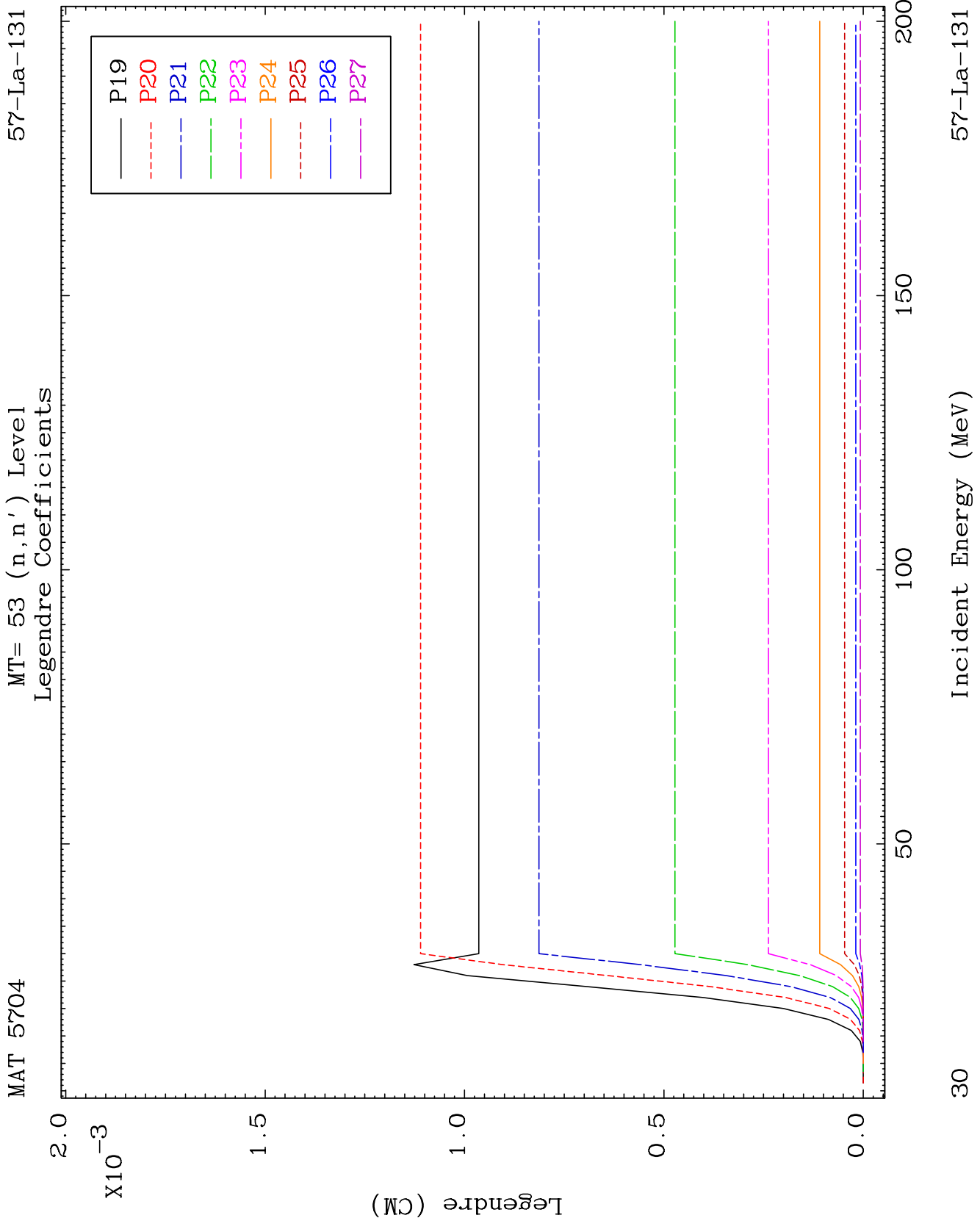


28

Incident Energy (MeV)

57-La-131

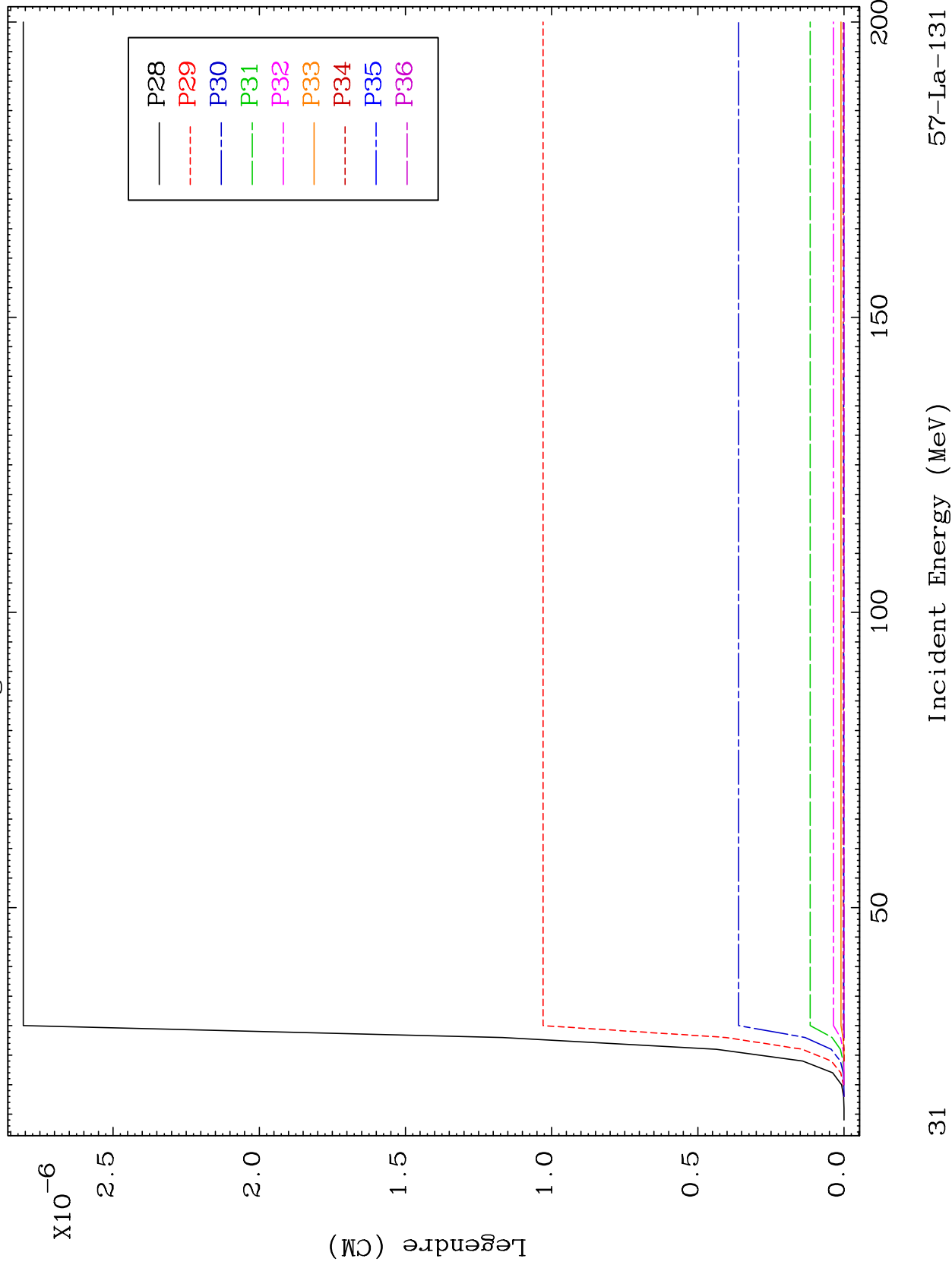




MAT 5704

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

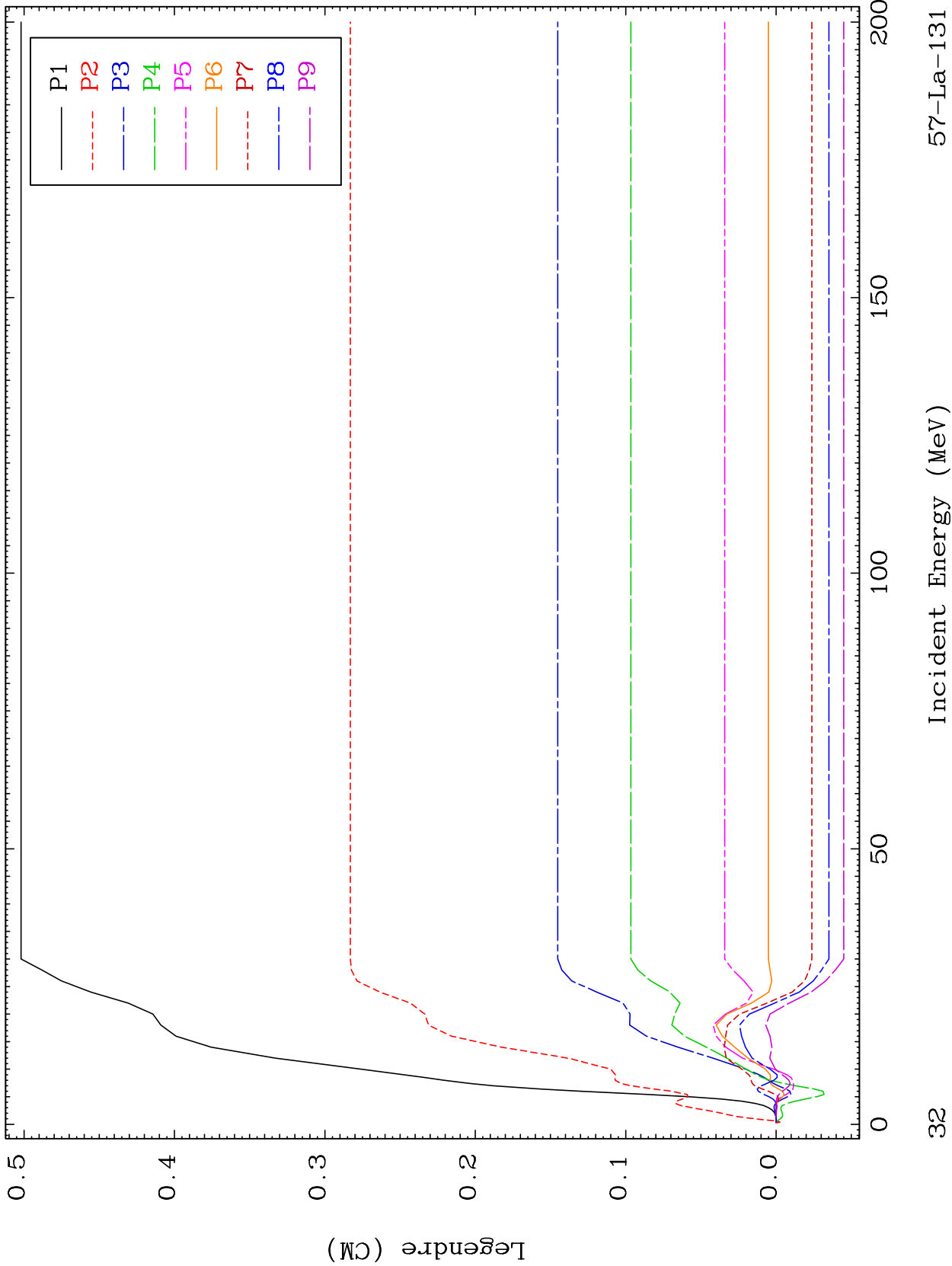
57-La-131



MAT 5704

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

57-La-131



57-La-131

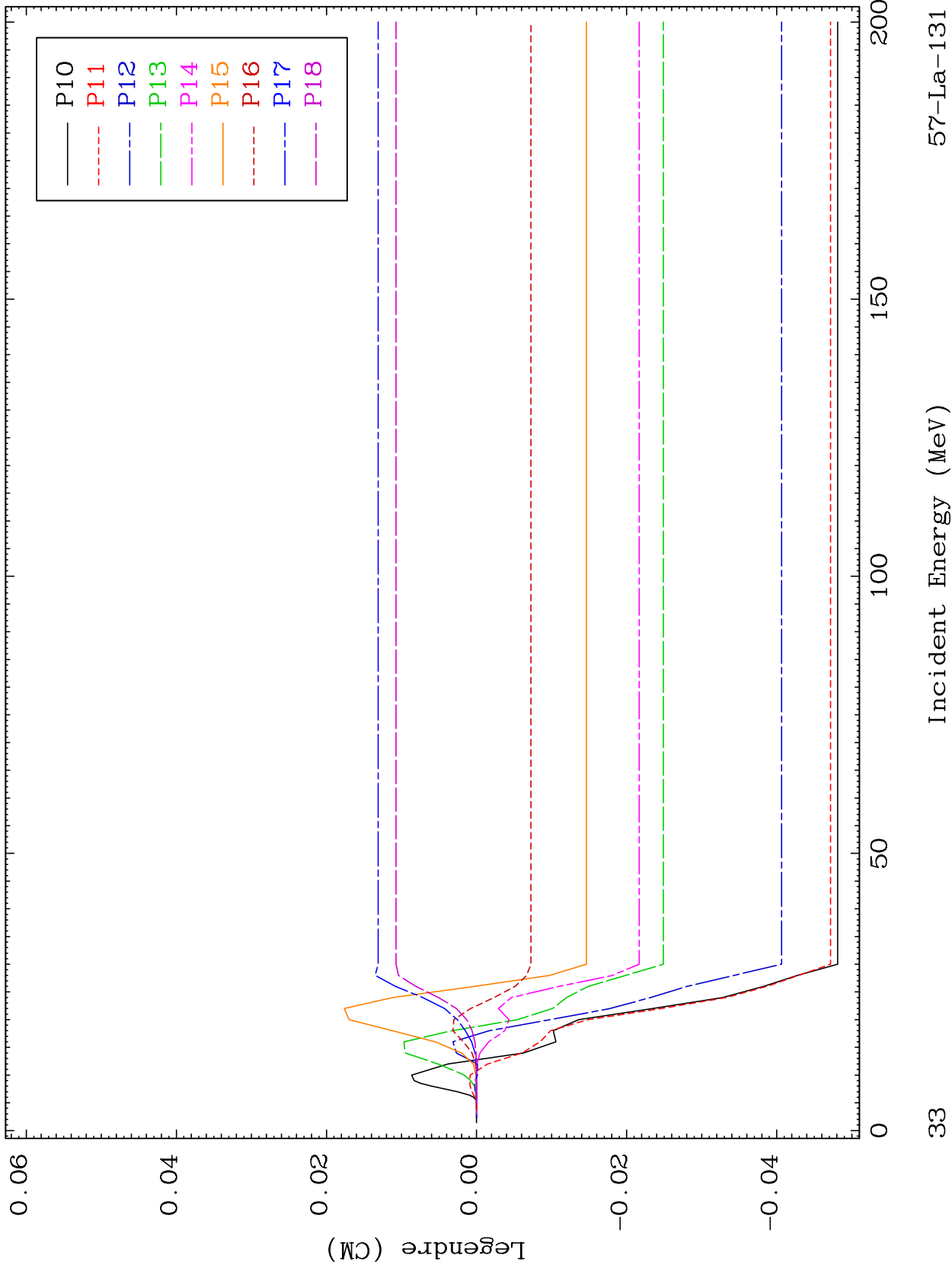
Incident Energy (MeV)

32

MAT 5704

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

57-La-131



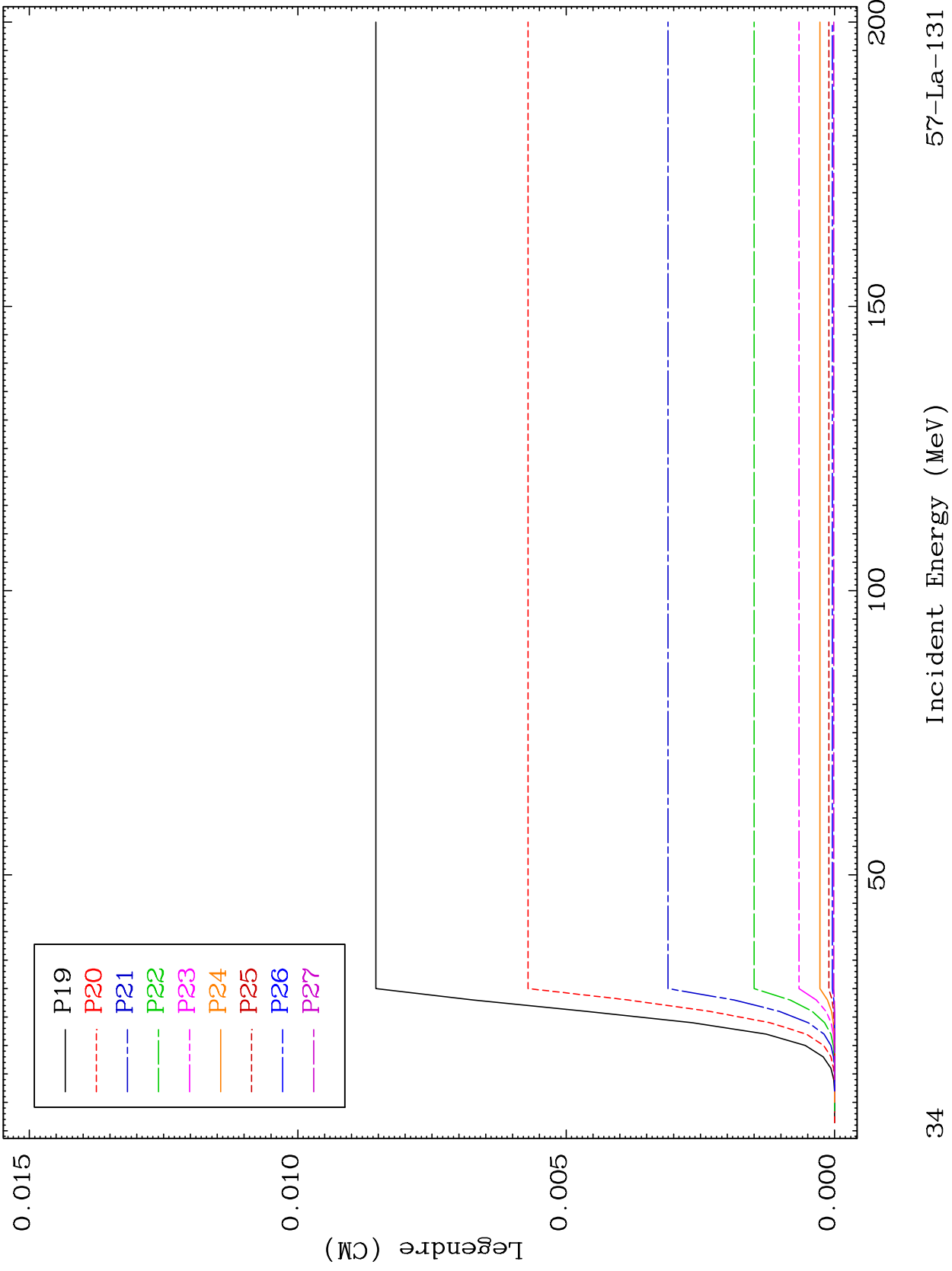
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57-La-131

MAT 5704

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

57-La-131



34

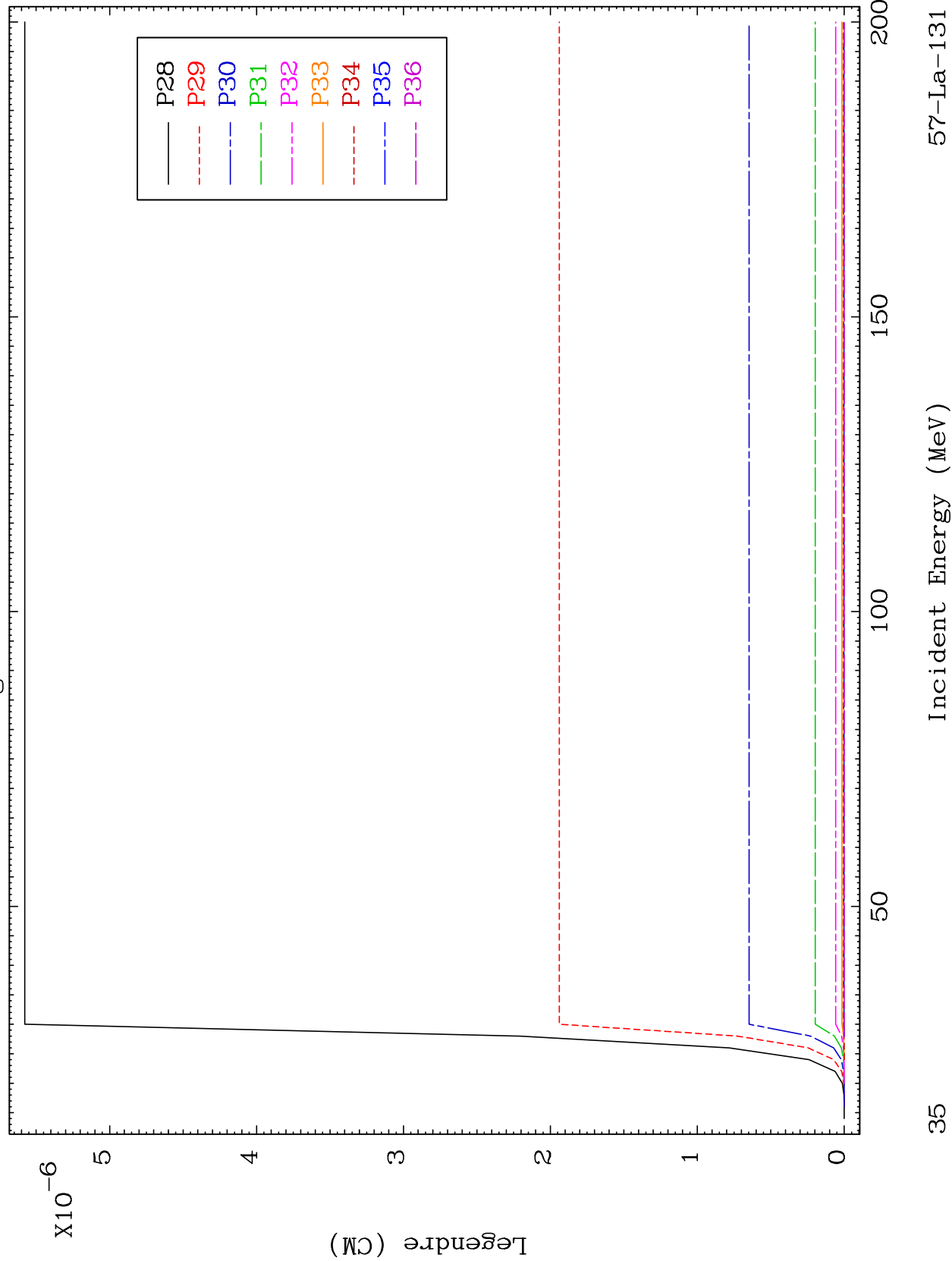
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



35

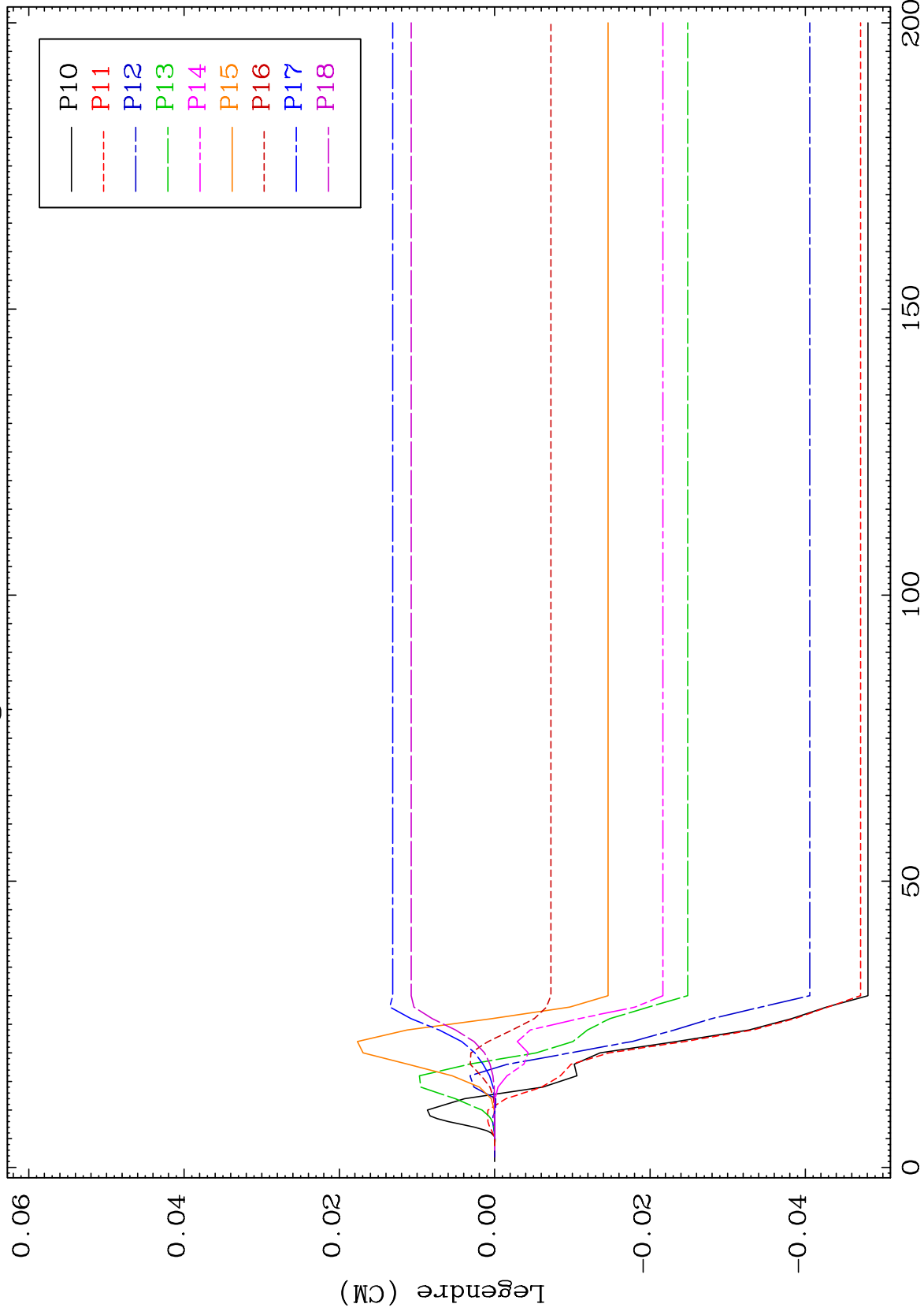
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



37

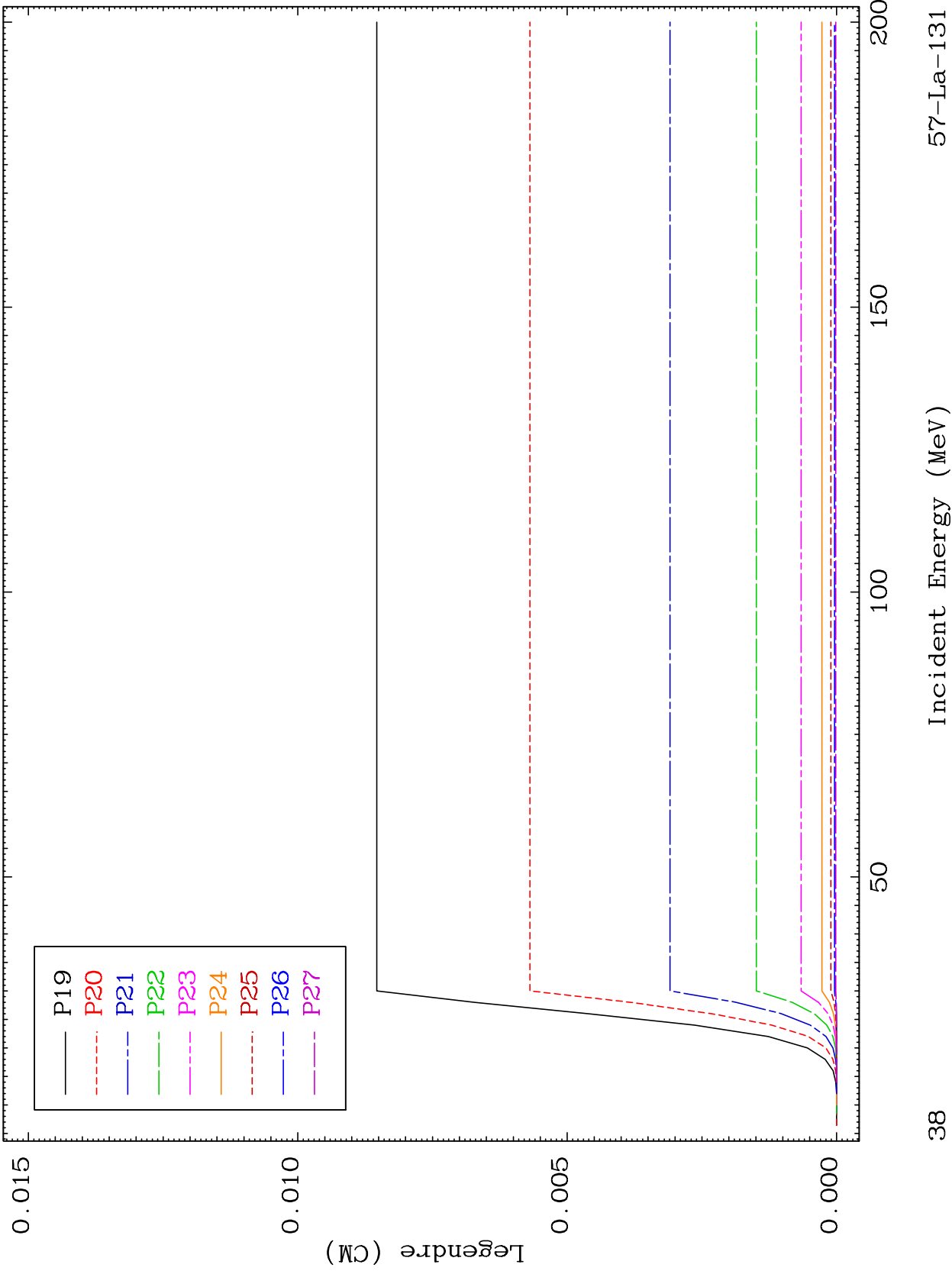
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



38

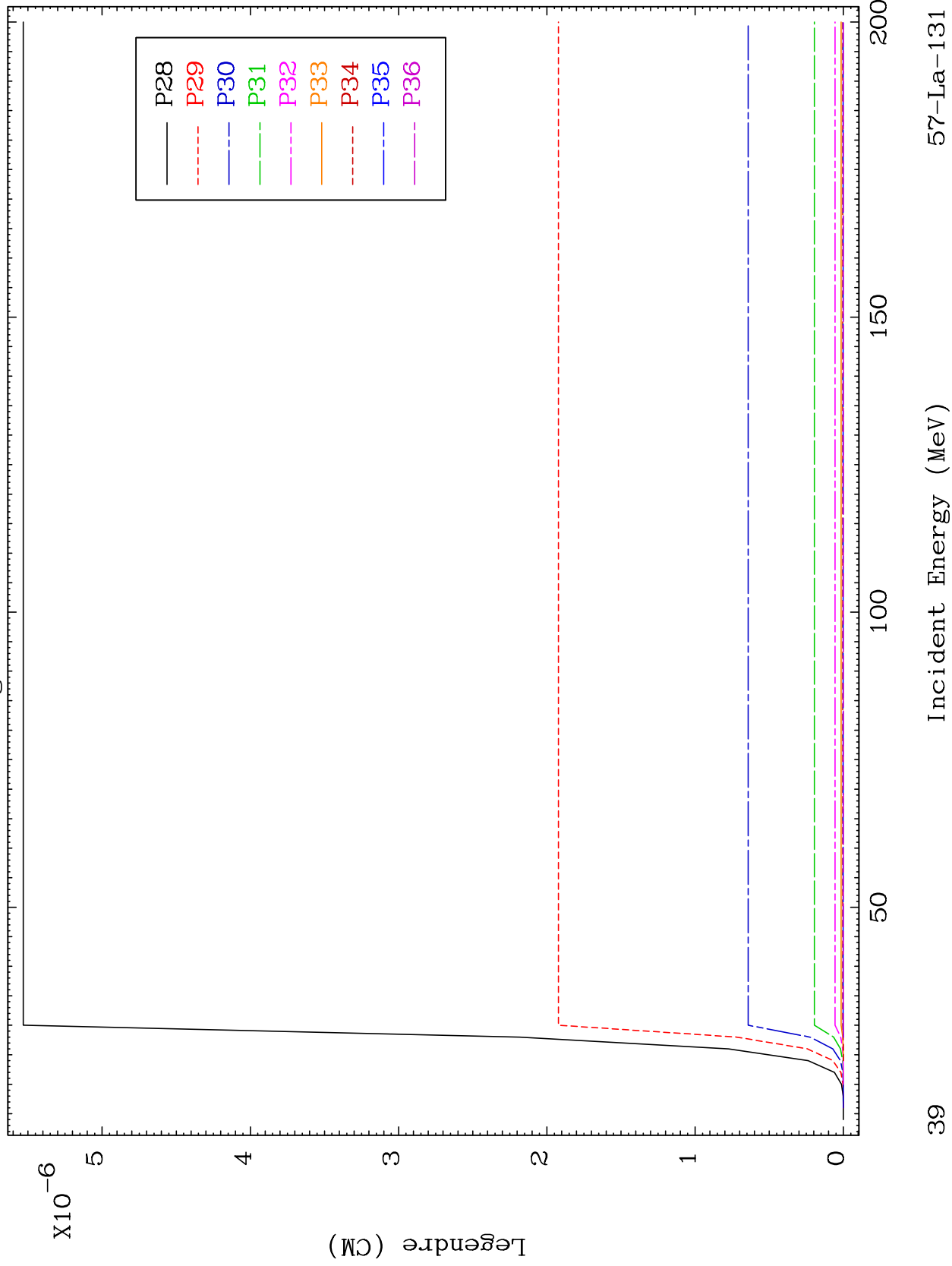
Incident Energy (MeV)

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MAT 5704

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

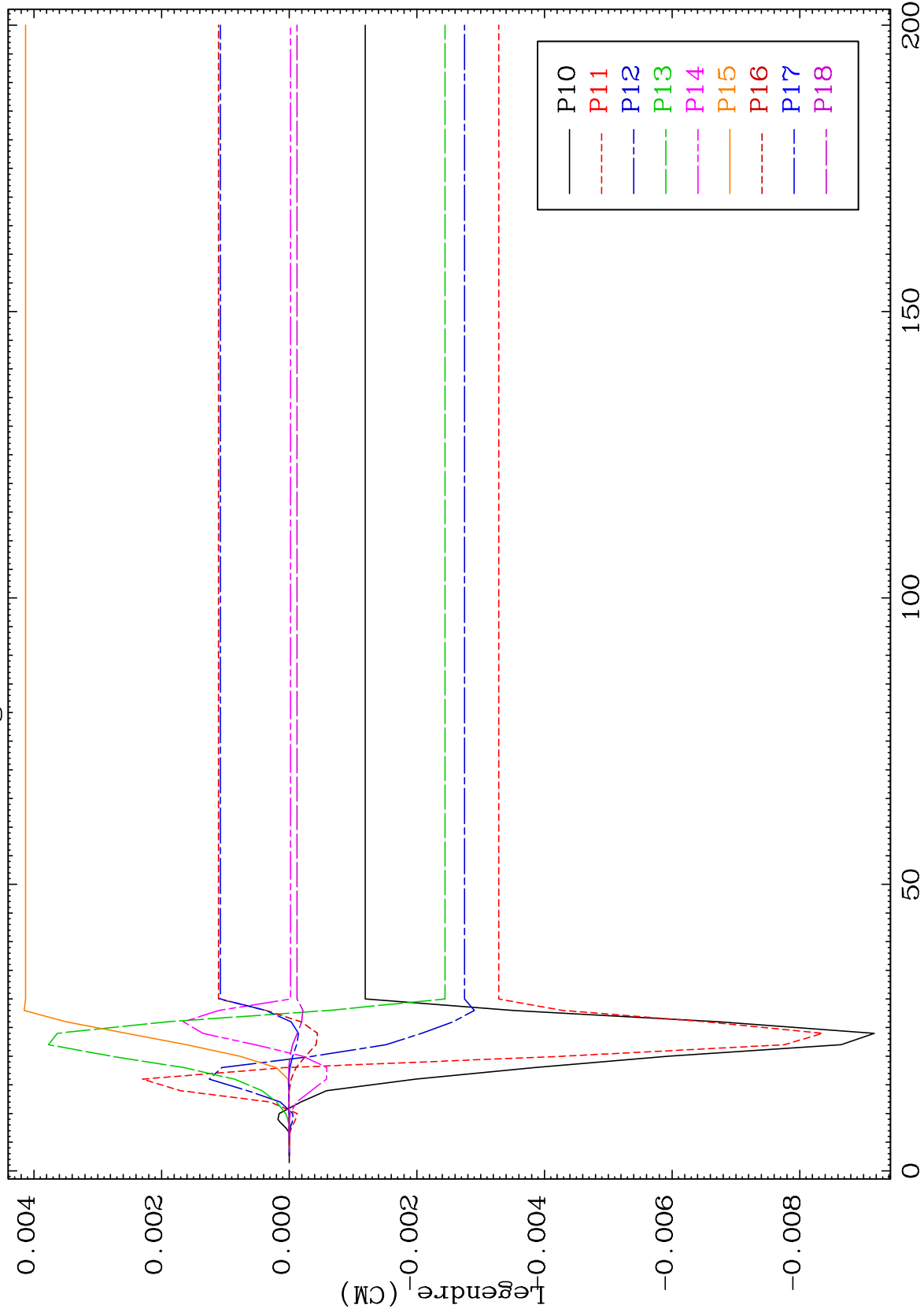
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MAT 5704

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

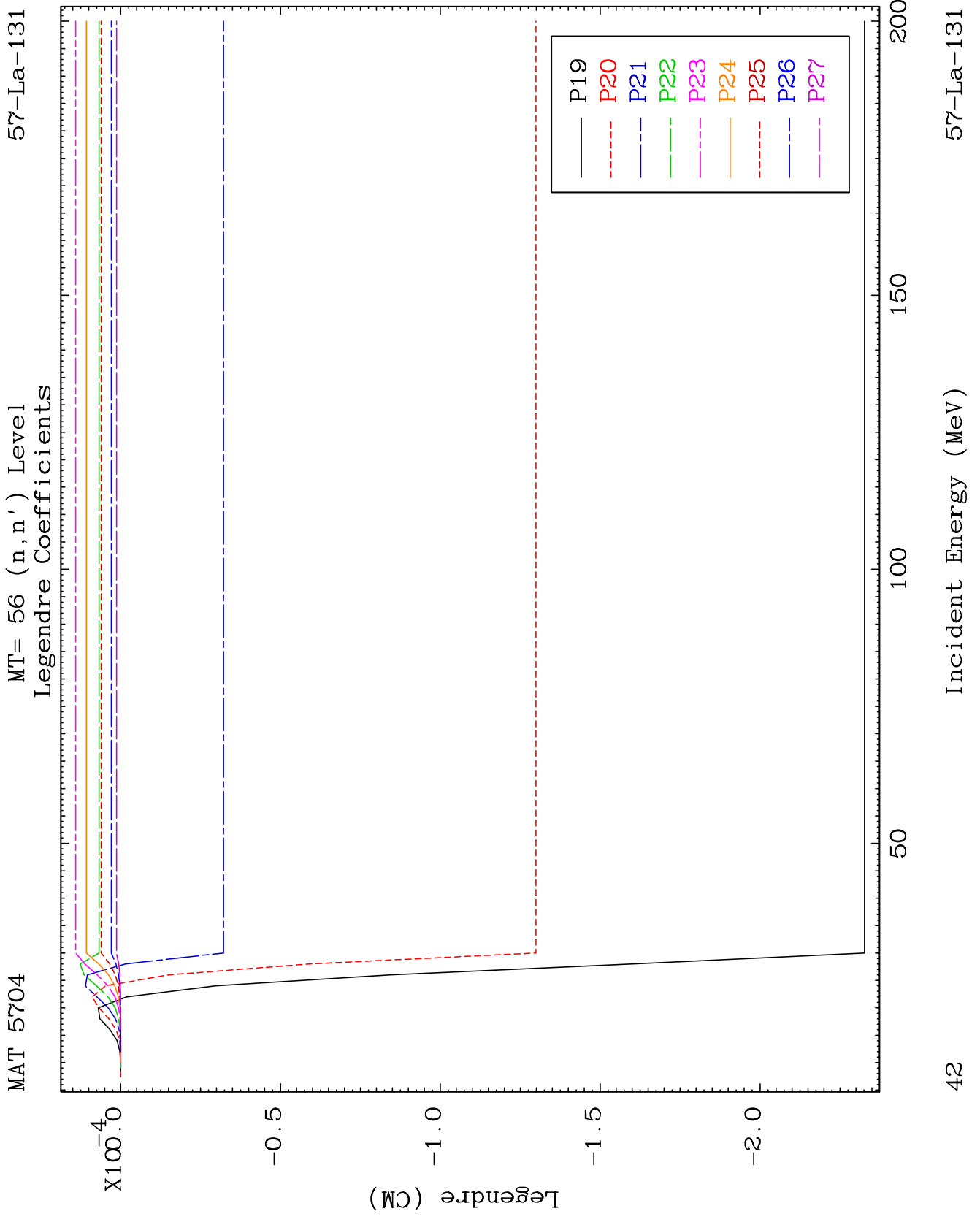
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41

Incident Energy (MeV)

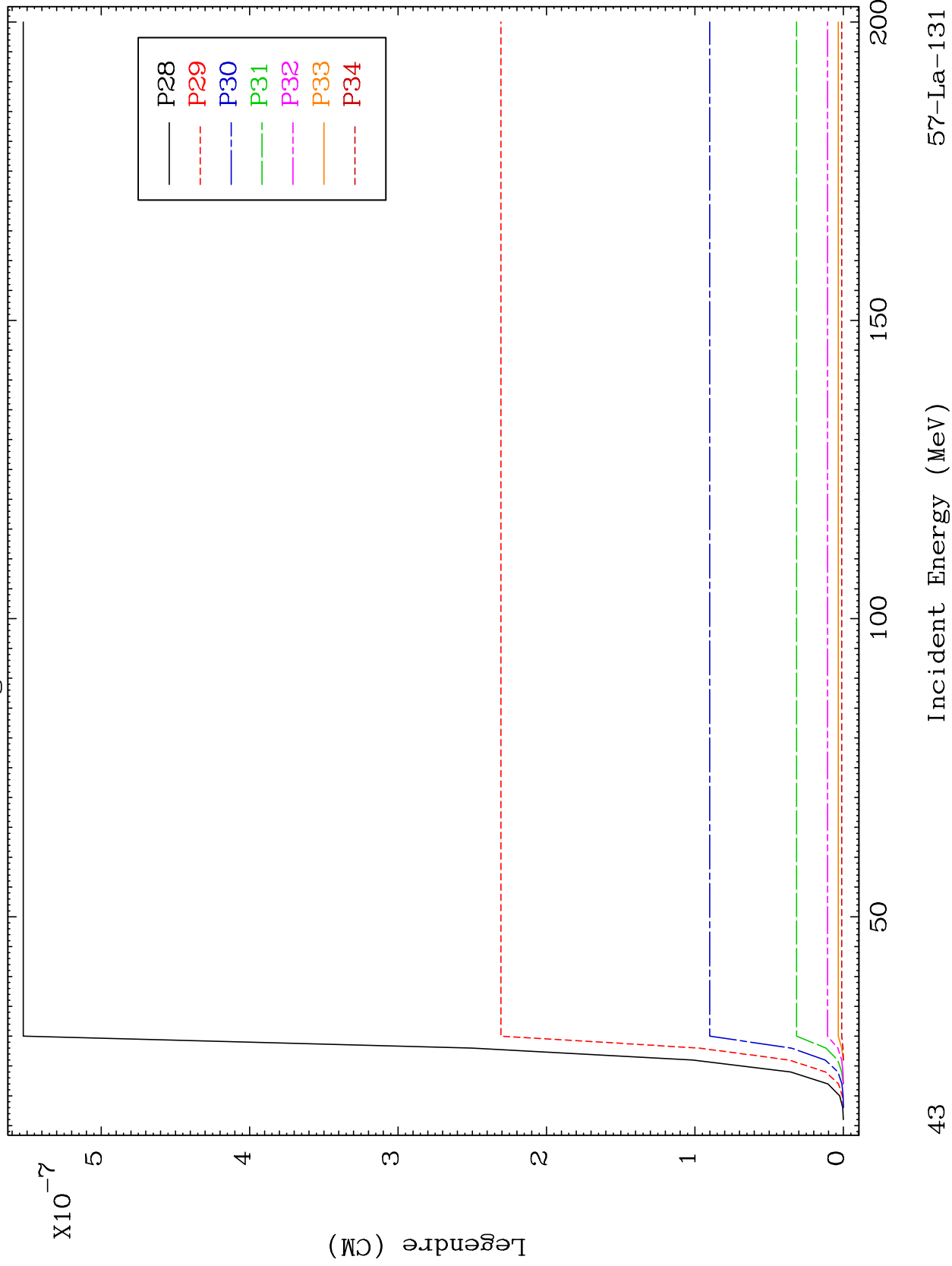
57-La-131



MAT 5704

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

57-La-131



43

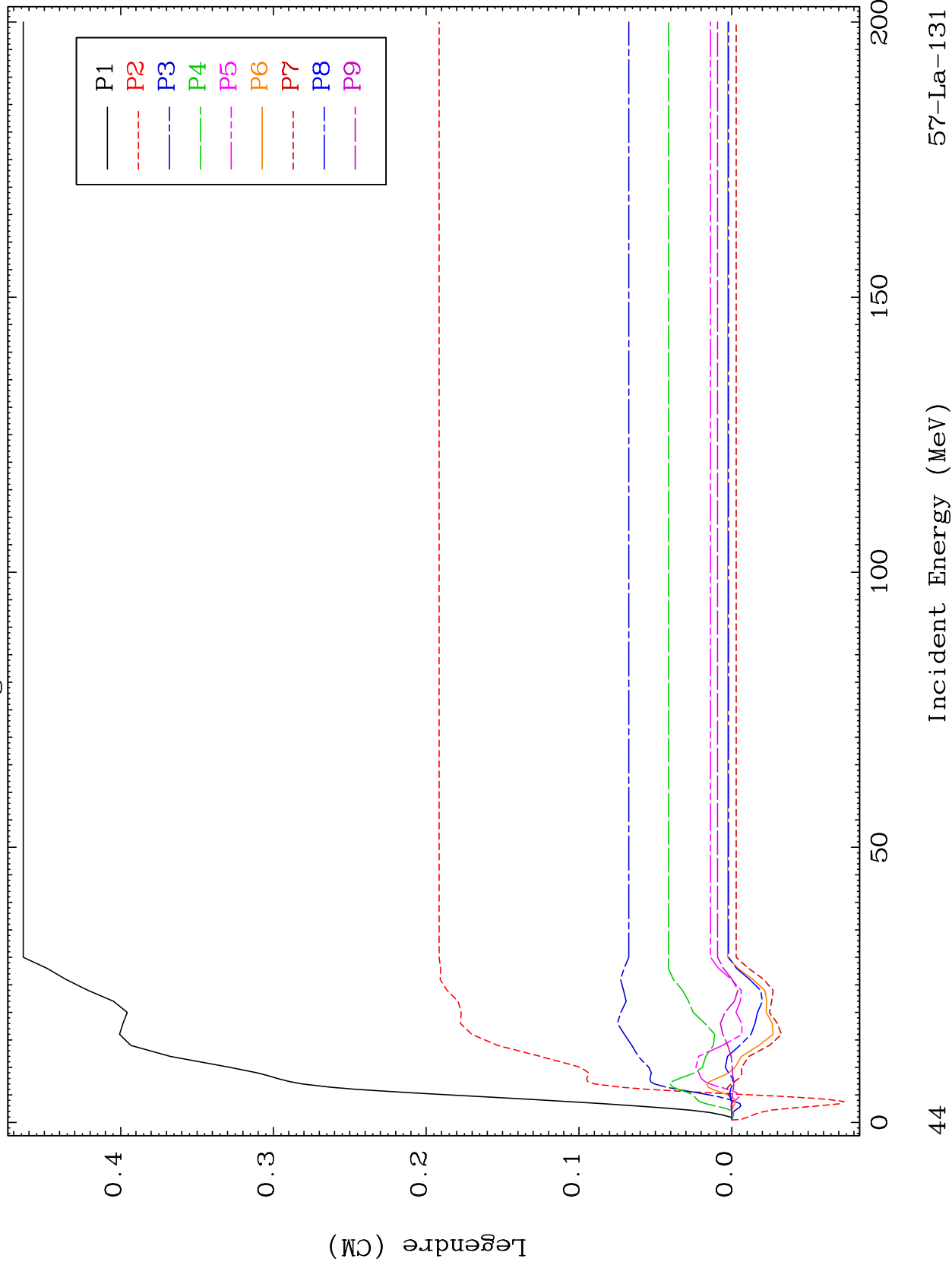
Incident Energy (MeV)

57-La-131

MAT 5704

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

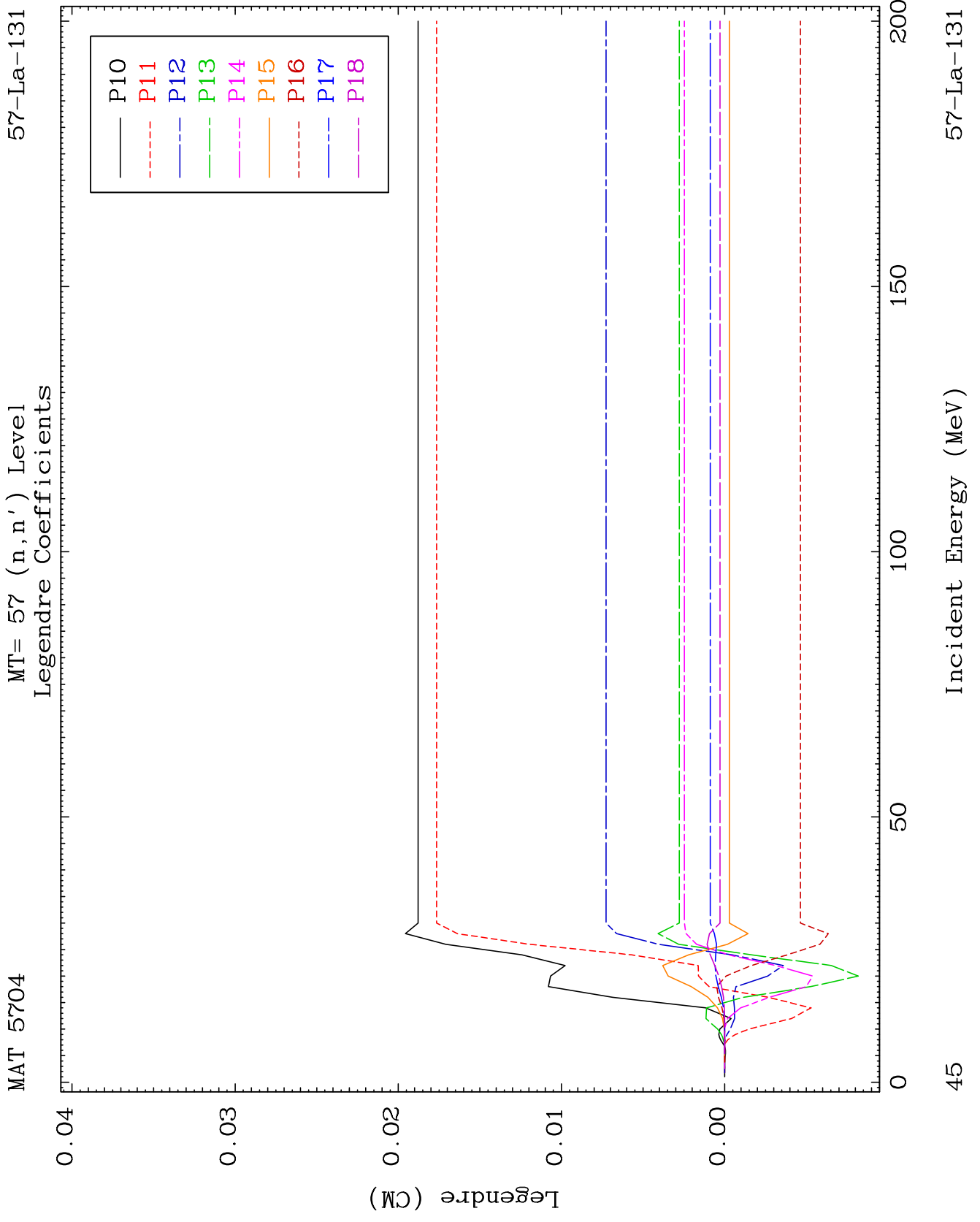
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57-La-131

Incident Energy (MeV)

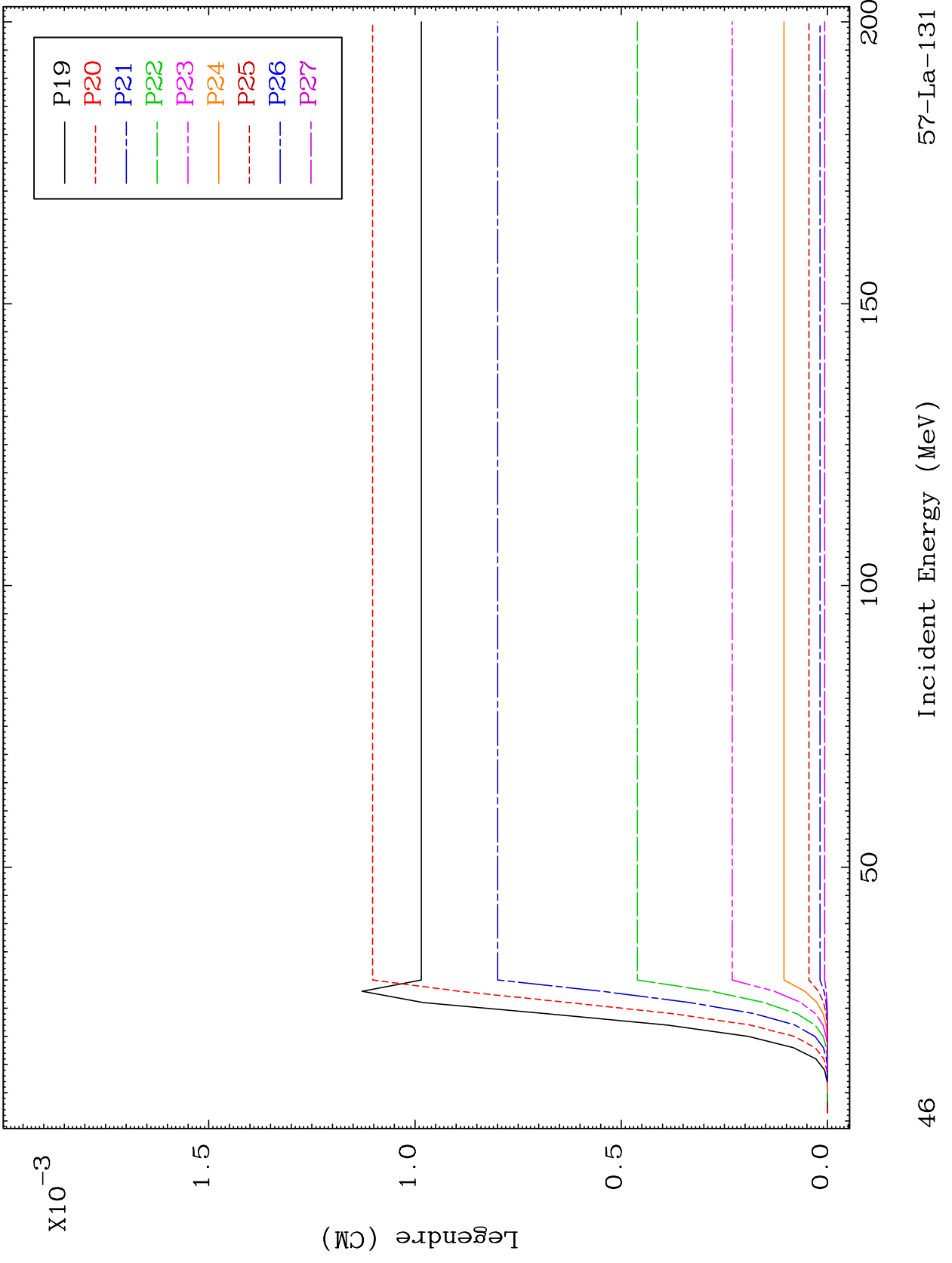
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MAT 5704

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

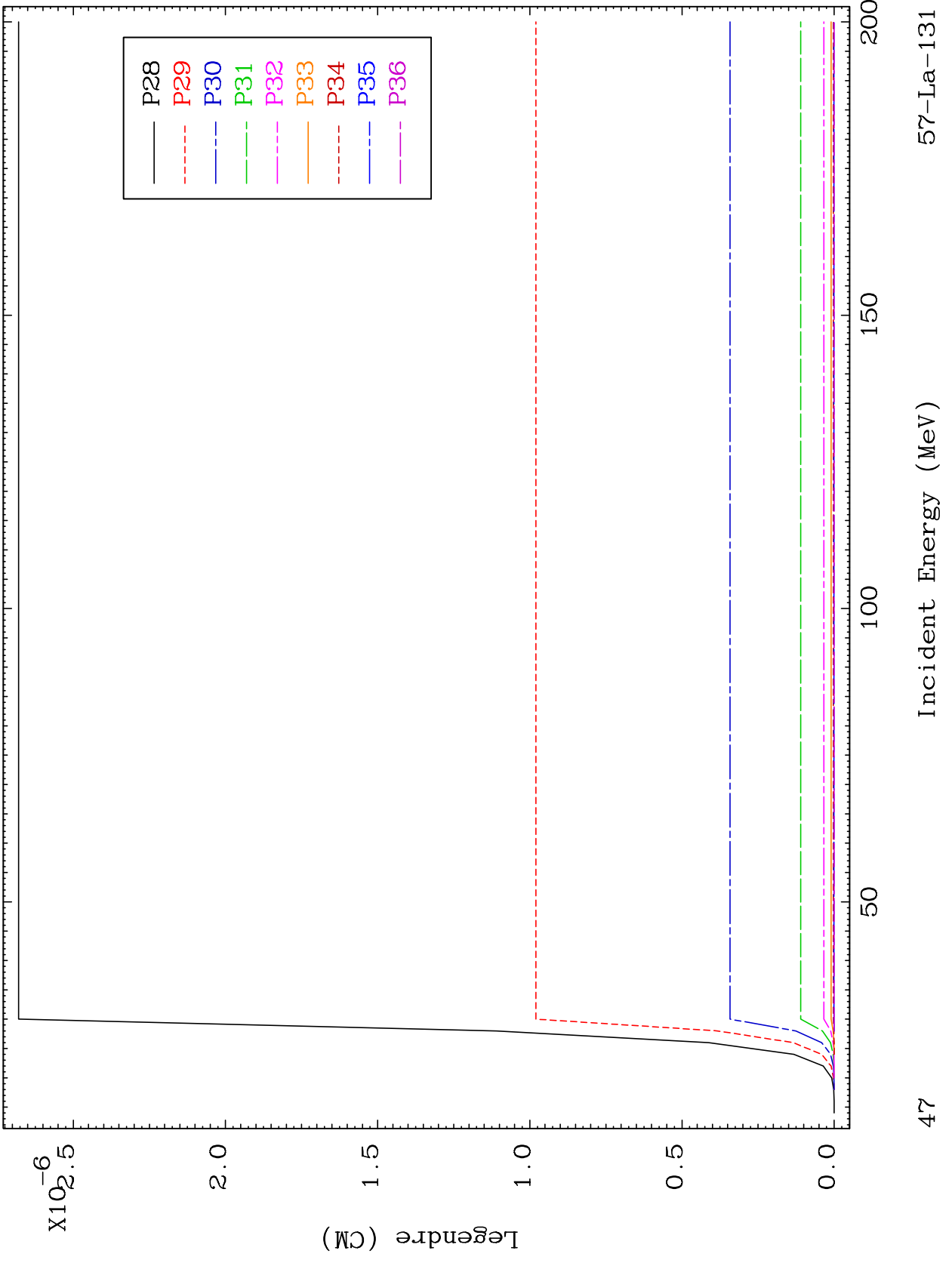
57-La-131



MAT 5704

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

57-La-131



47

Incident Energy (MeV)

57-La-131

200

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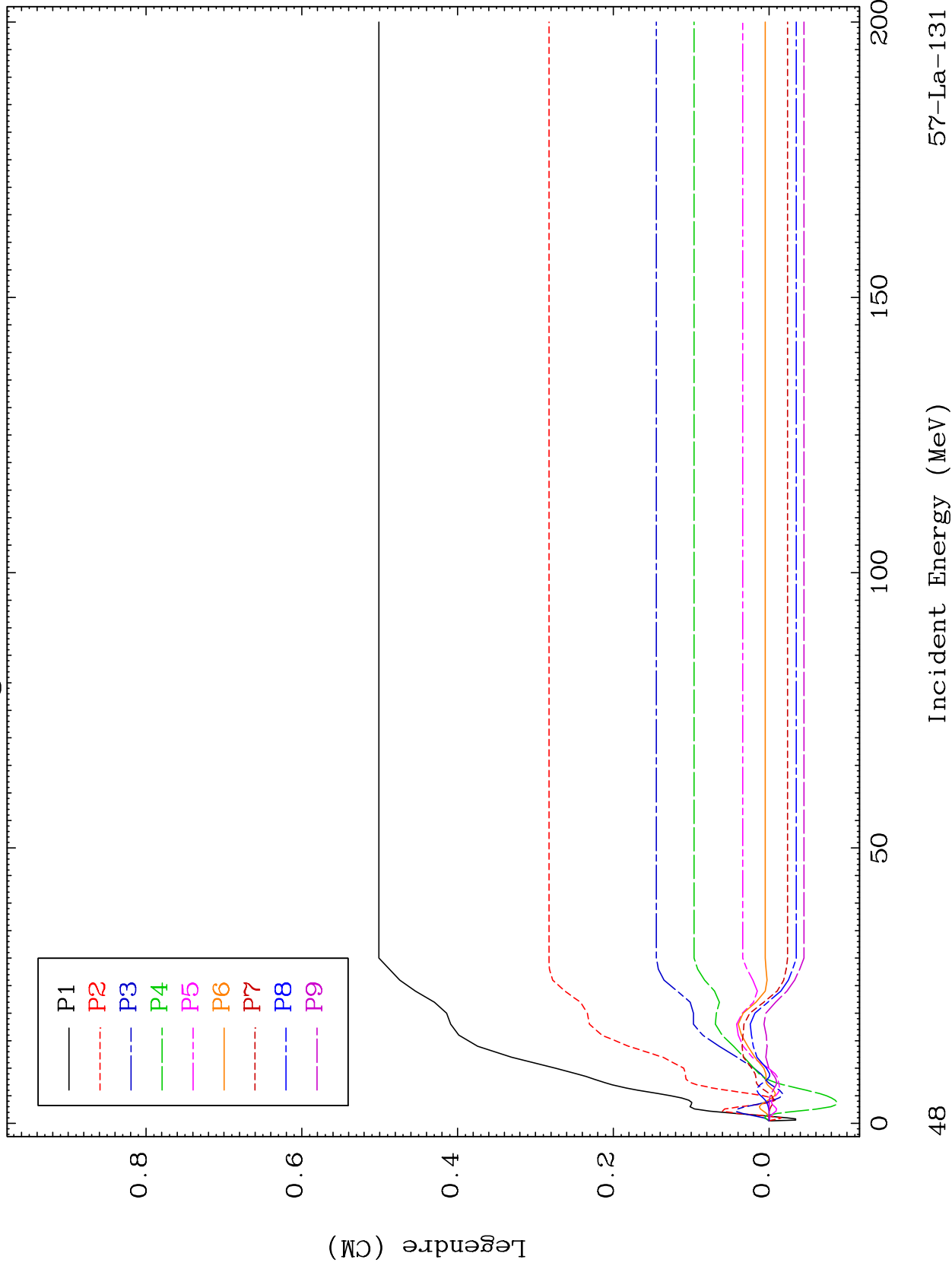
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MAT 5704

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

57-La-131



57-La-131

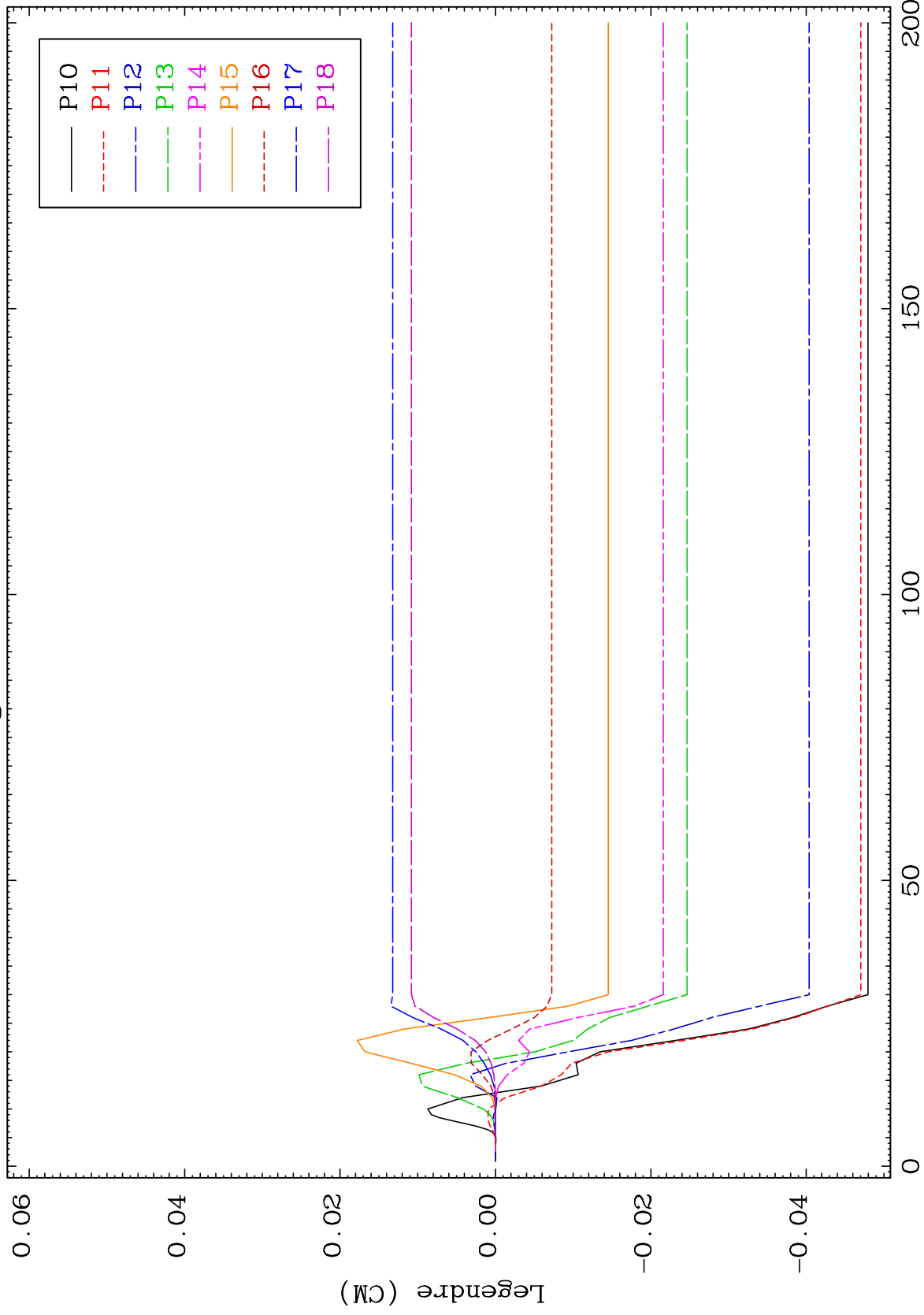
Incident Energy (MeV)

48

MAT 5704

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

57-La-131



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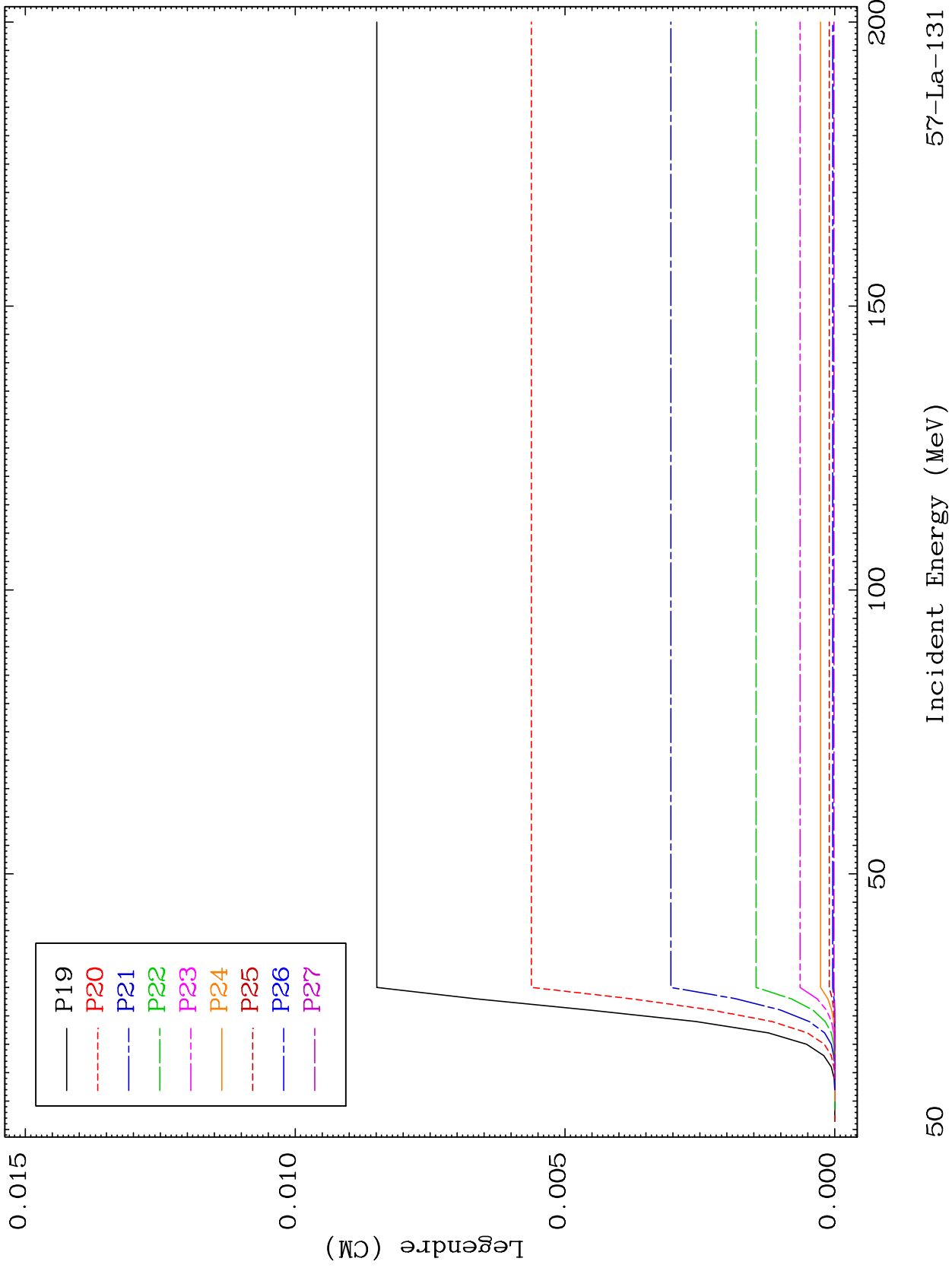
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



57-La-131

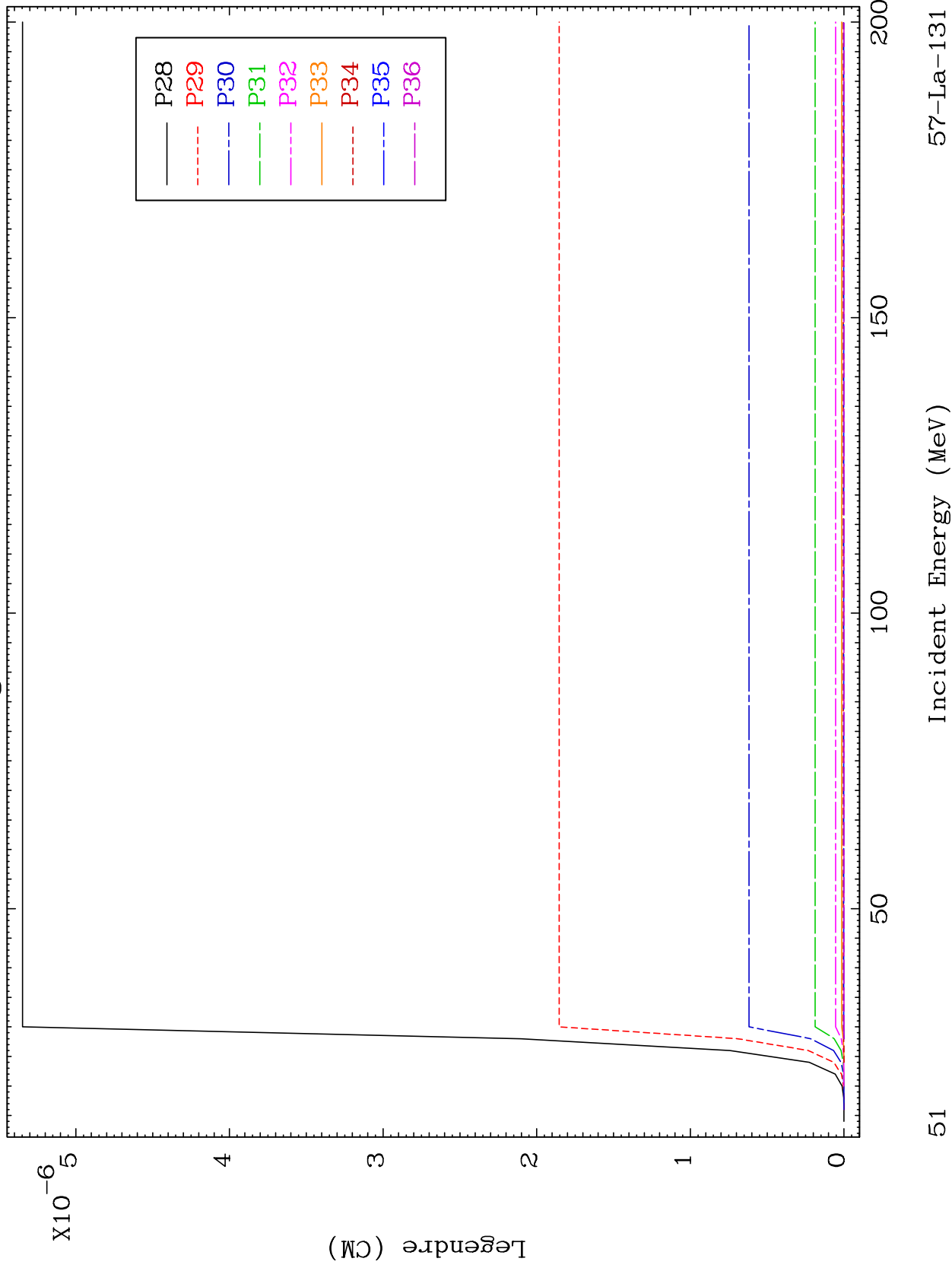
Incident Energy (MeV)

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MAT 5704

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

57-La-131



51

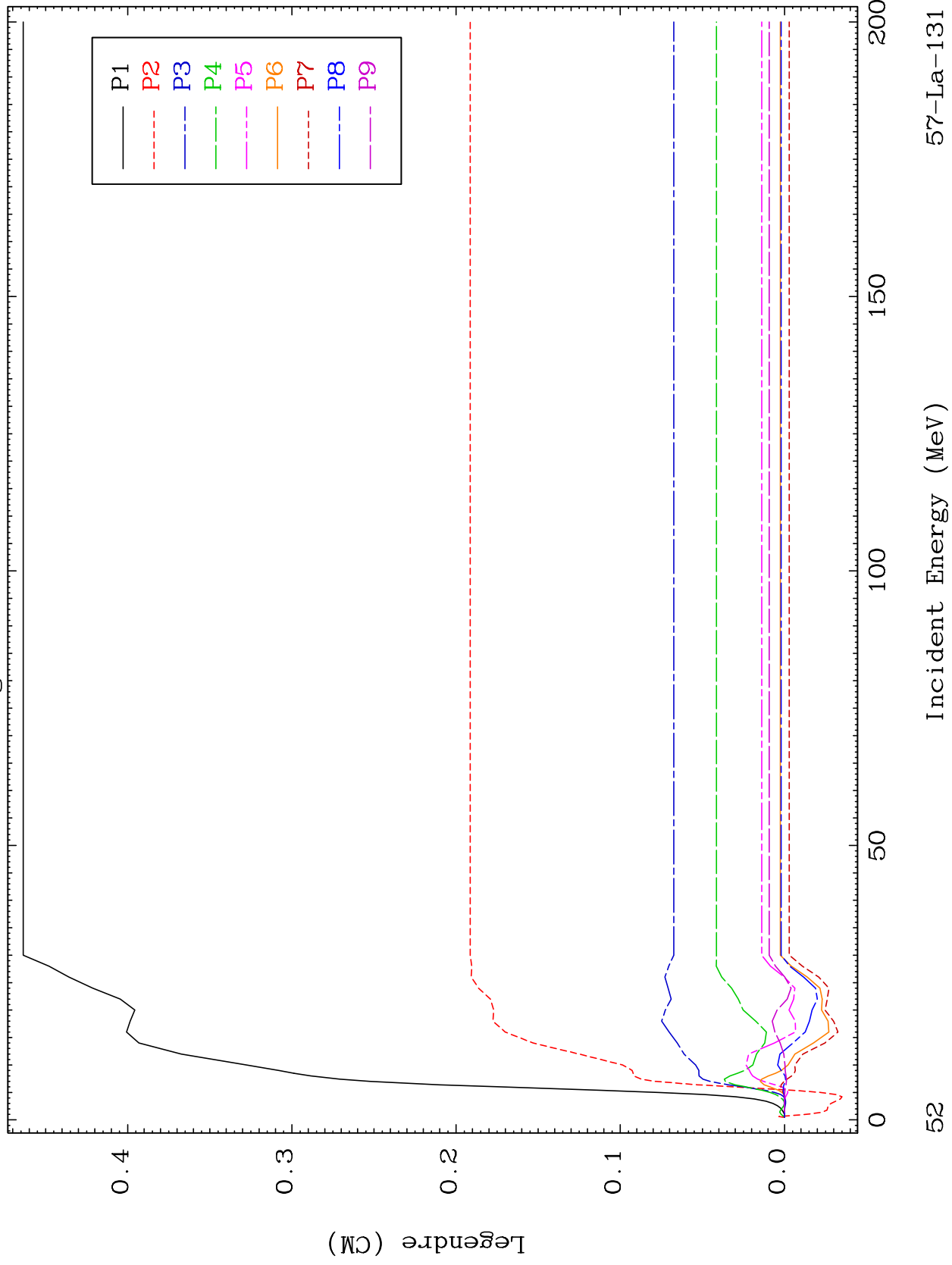
Incident Energy (MeV)

57-La-131

MAT 5704

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

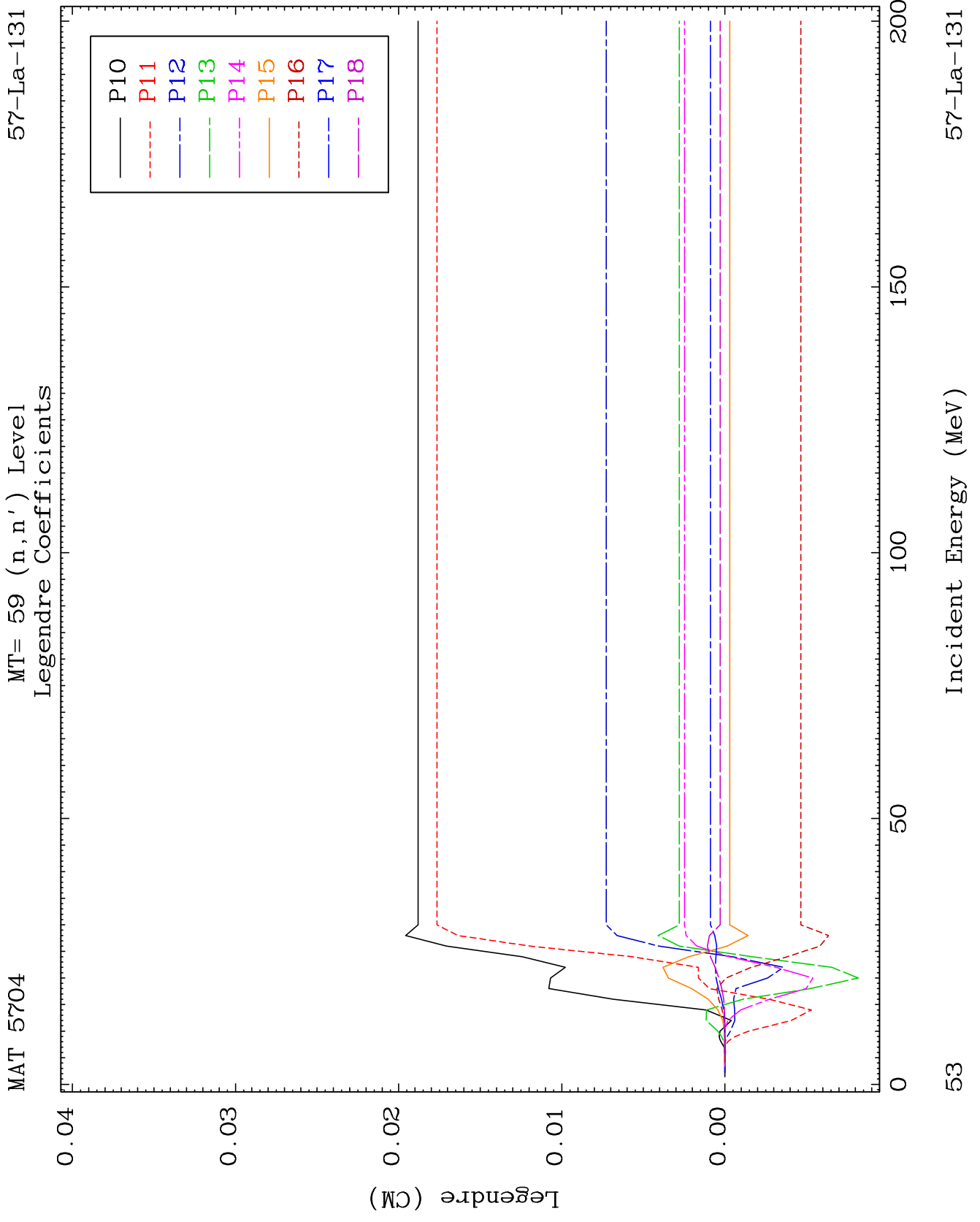
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57-La-131

Incident Energy (MeV)

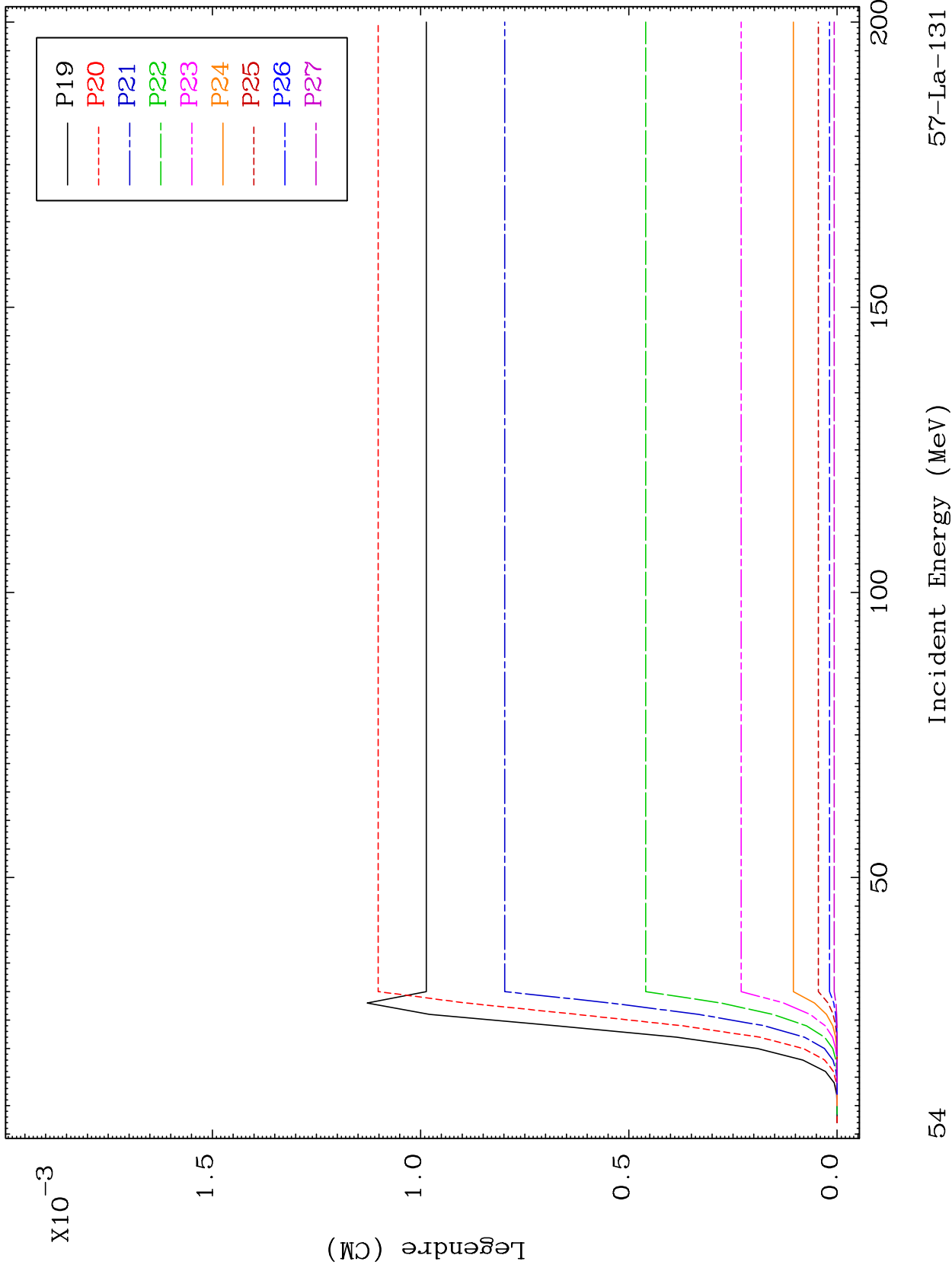
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MAT 5704

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

57-La-131



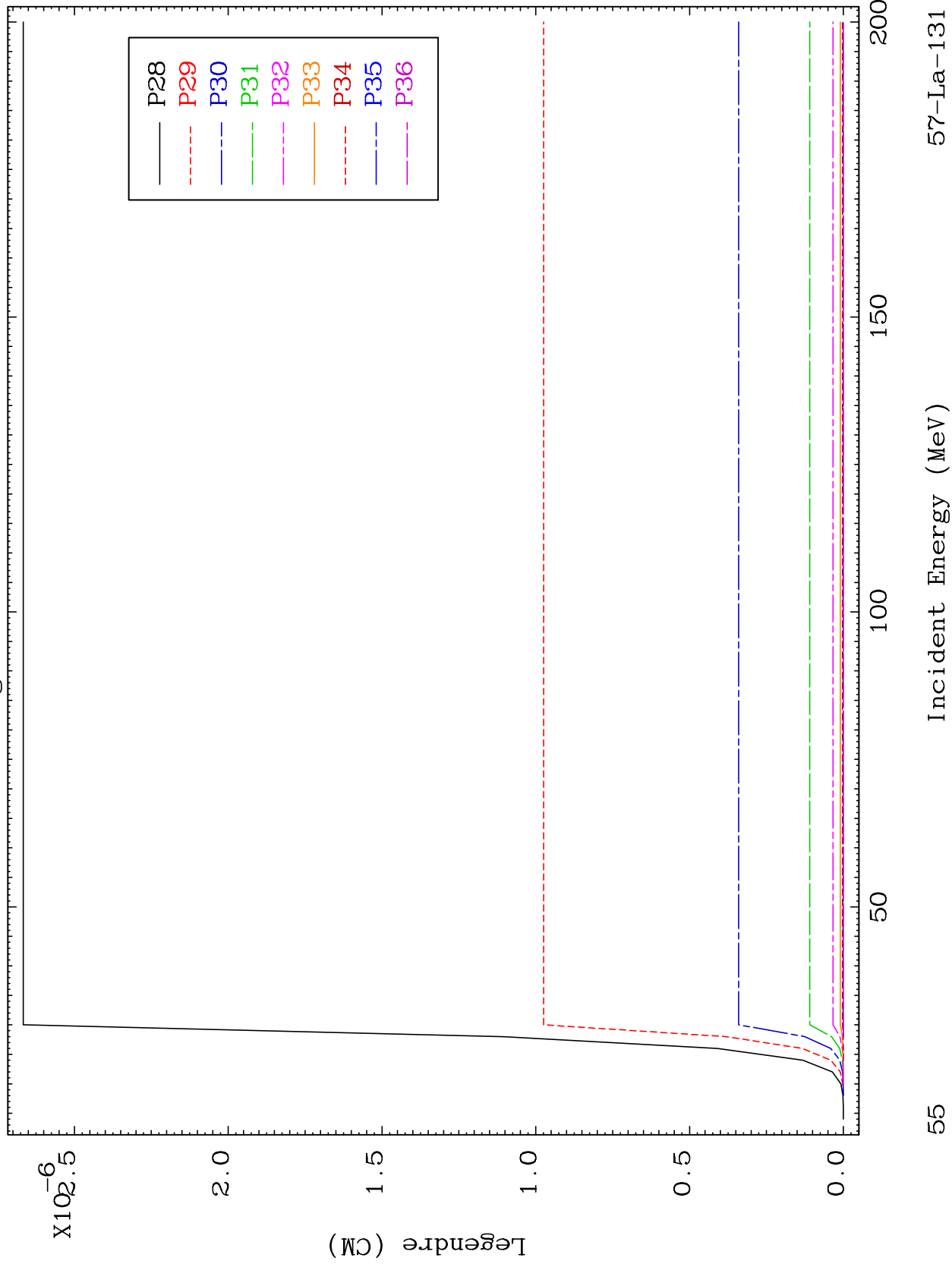
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57-La-131

MAT 5704

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

57-La-131



57-La-131

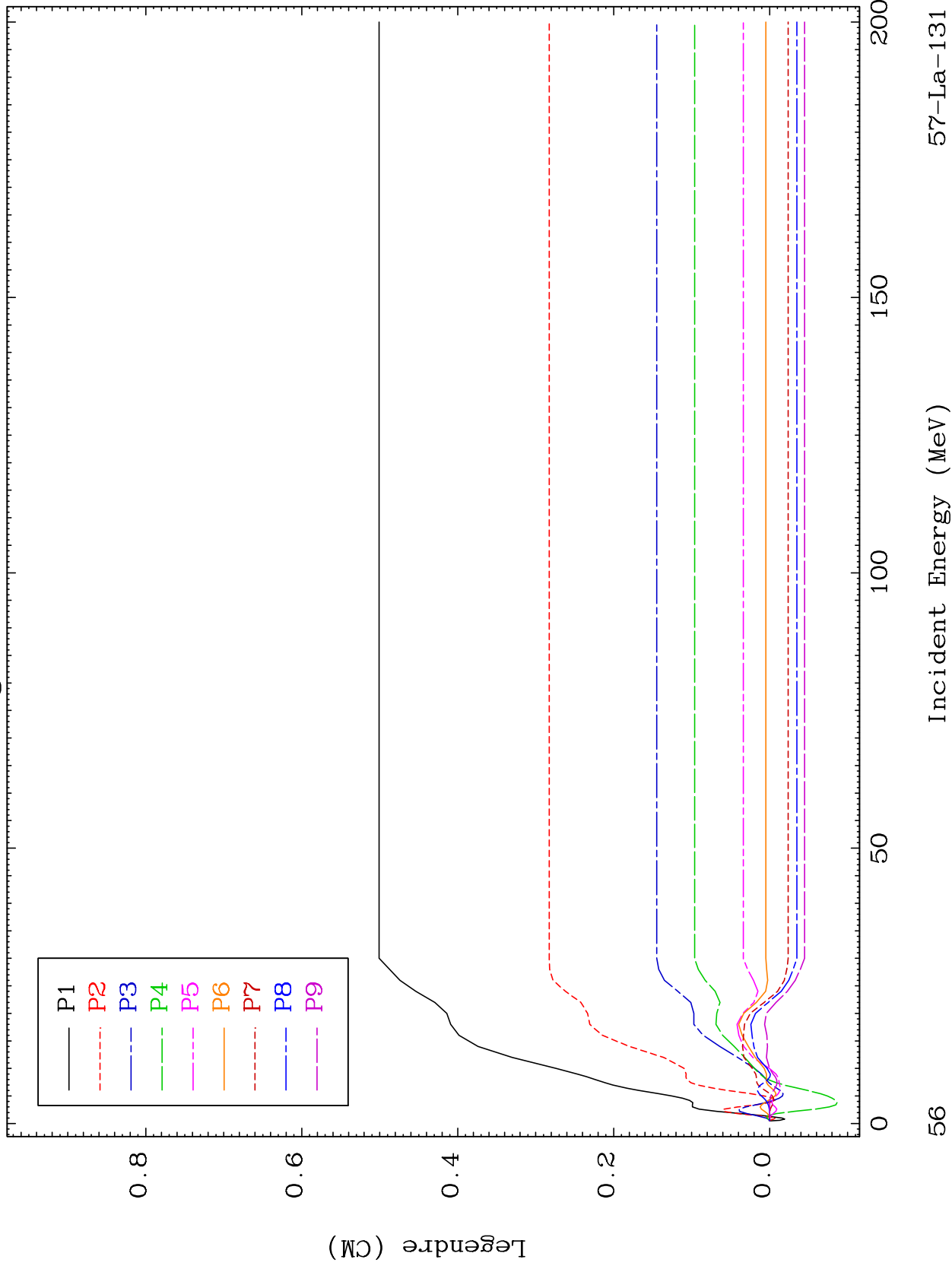
Incident Energy (MeV)

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MAT 5704

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

57-La-131



57-La-131

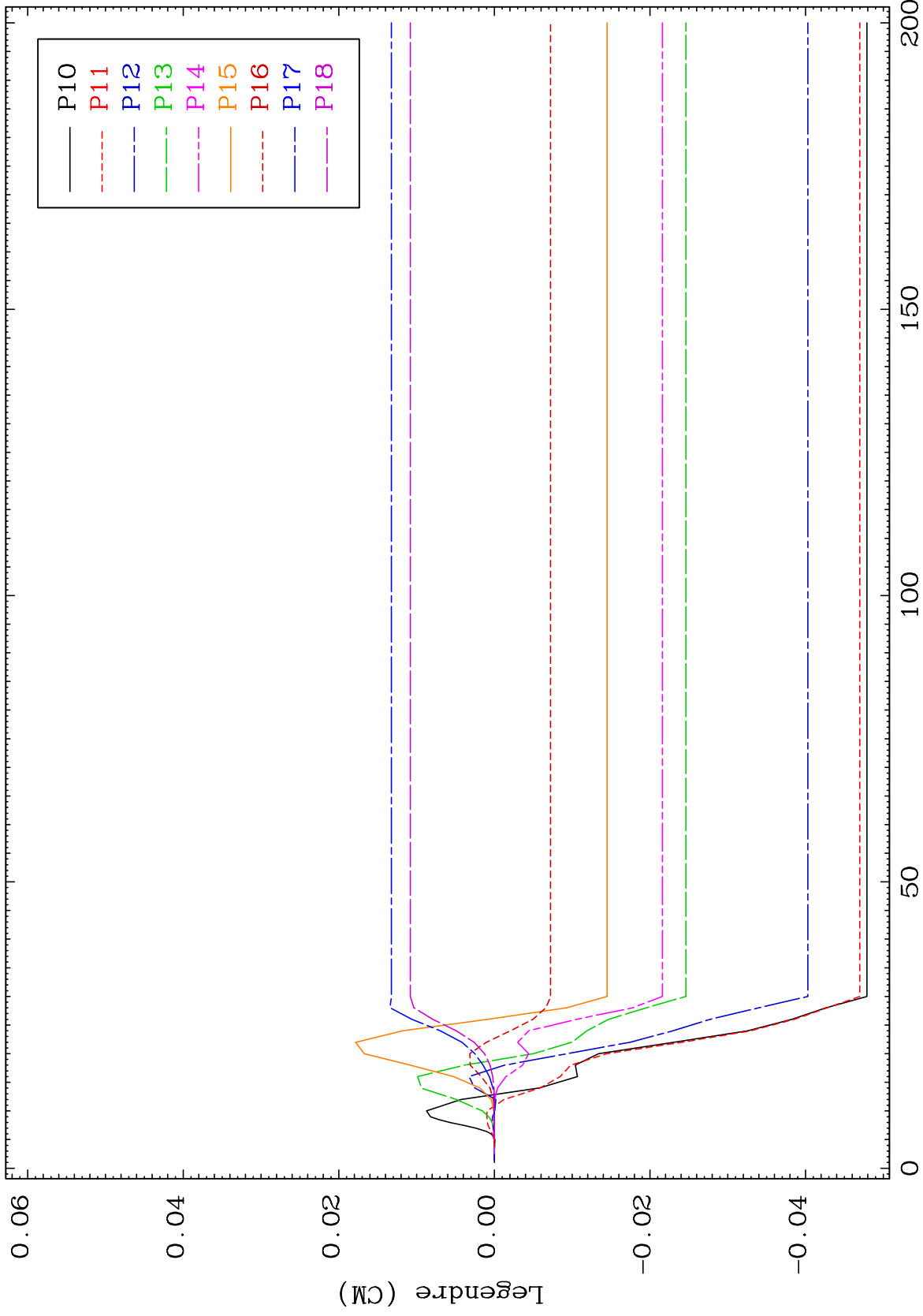
Incident Energy (MeV)

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MAT 5704

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

57-La-131



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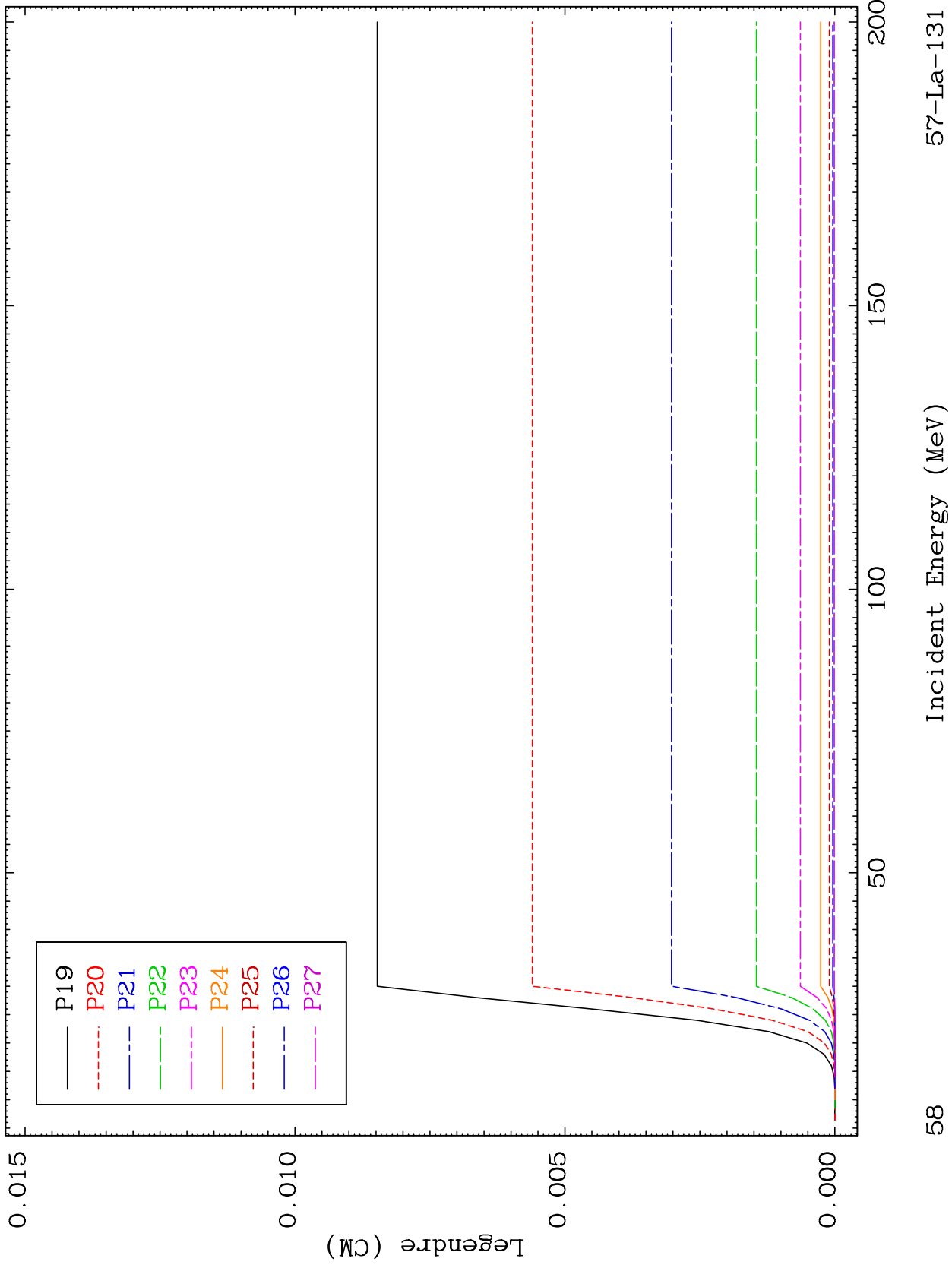
Incident Energy (MeV)

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MAT 5704

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

57-La-131



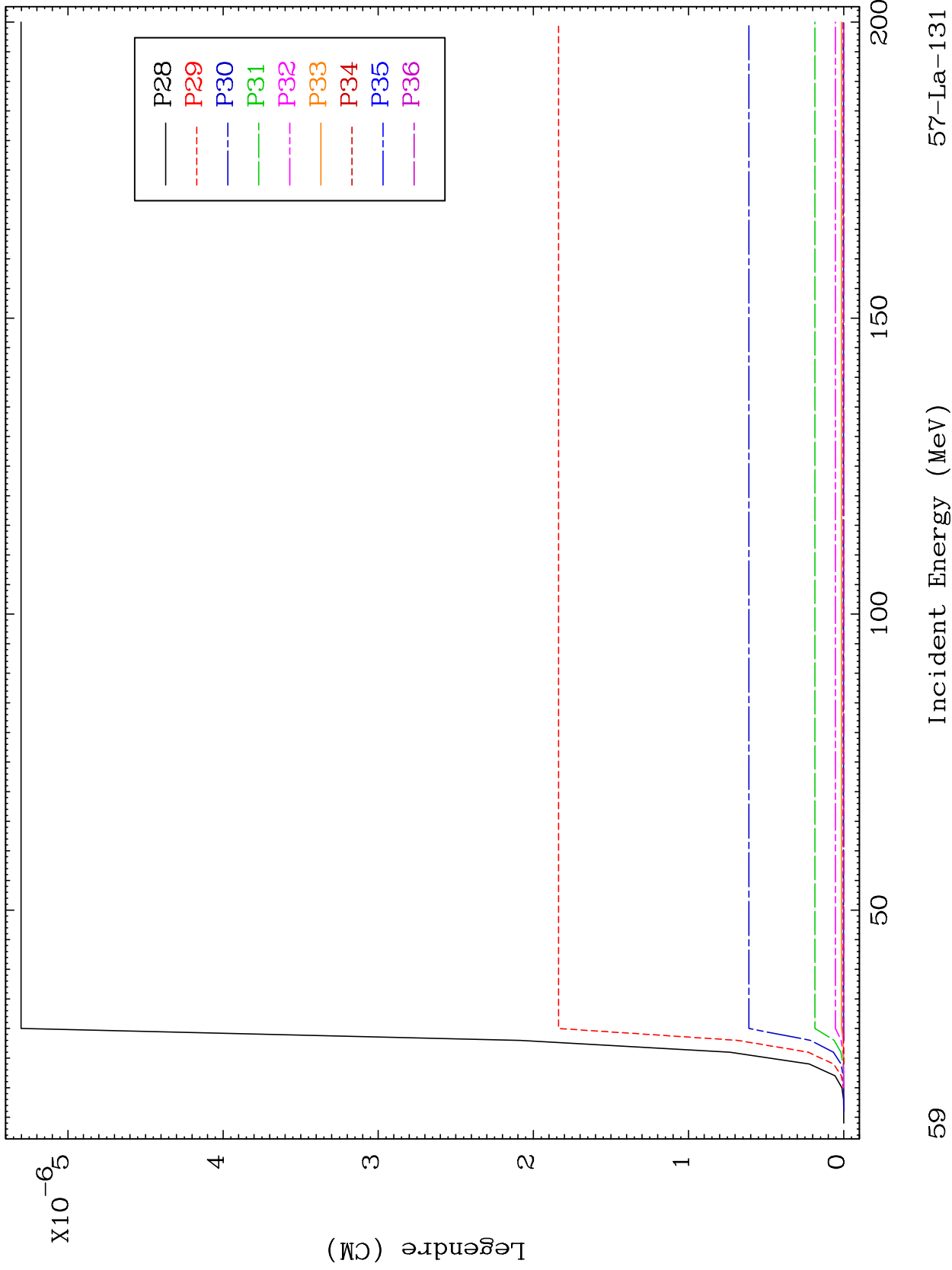
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57-La-131

MAT 5704

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

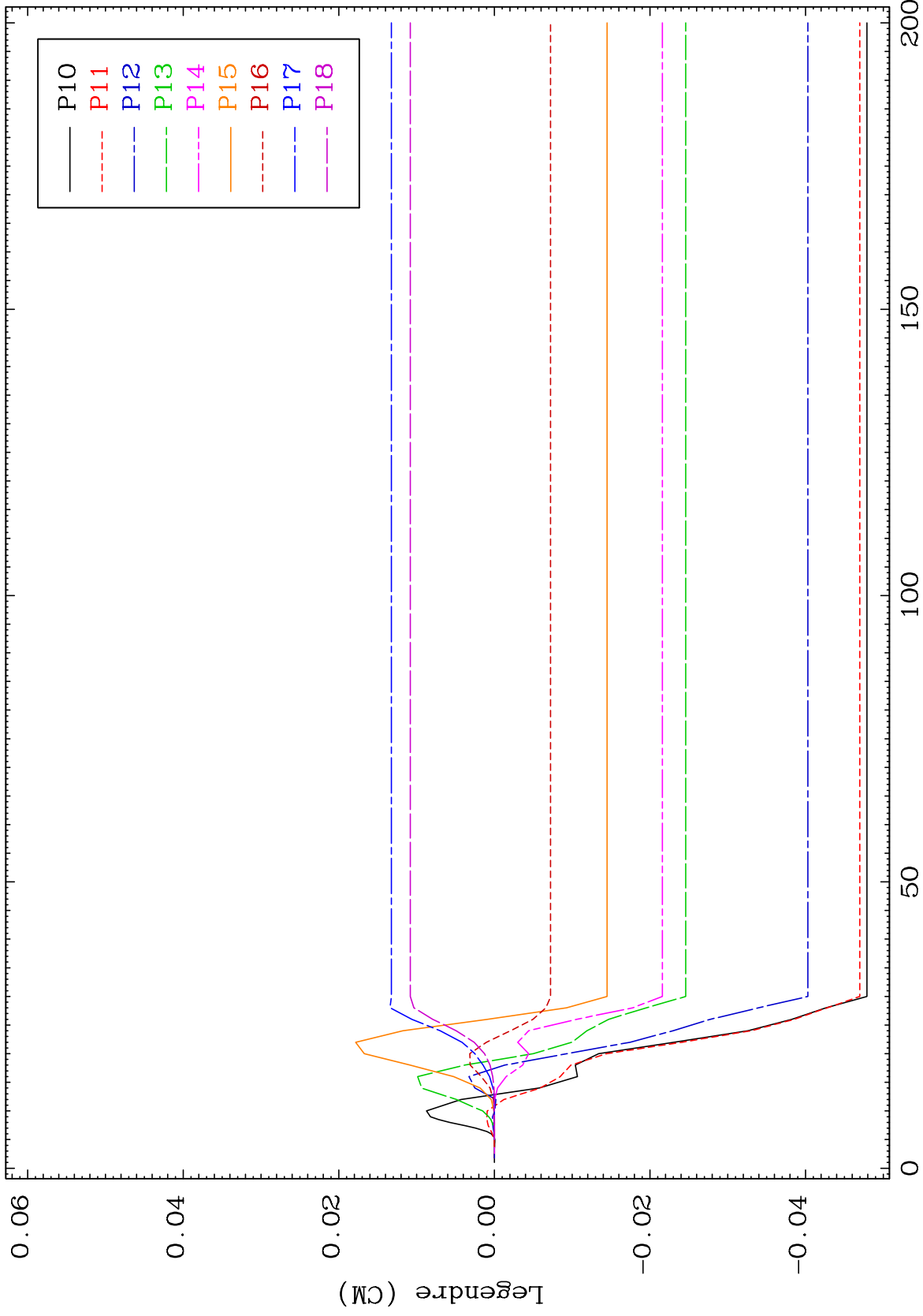
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MAT 5704

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

57-La-131



61

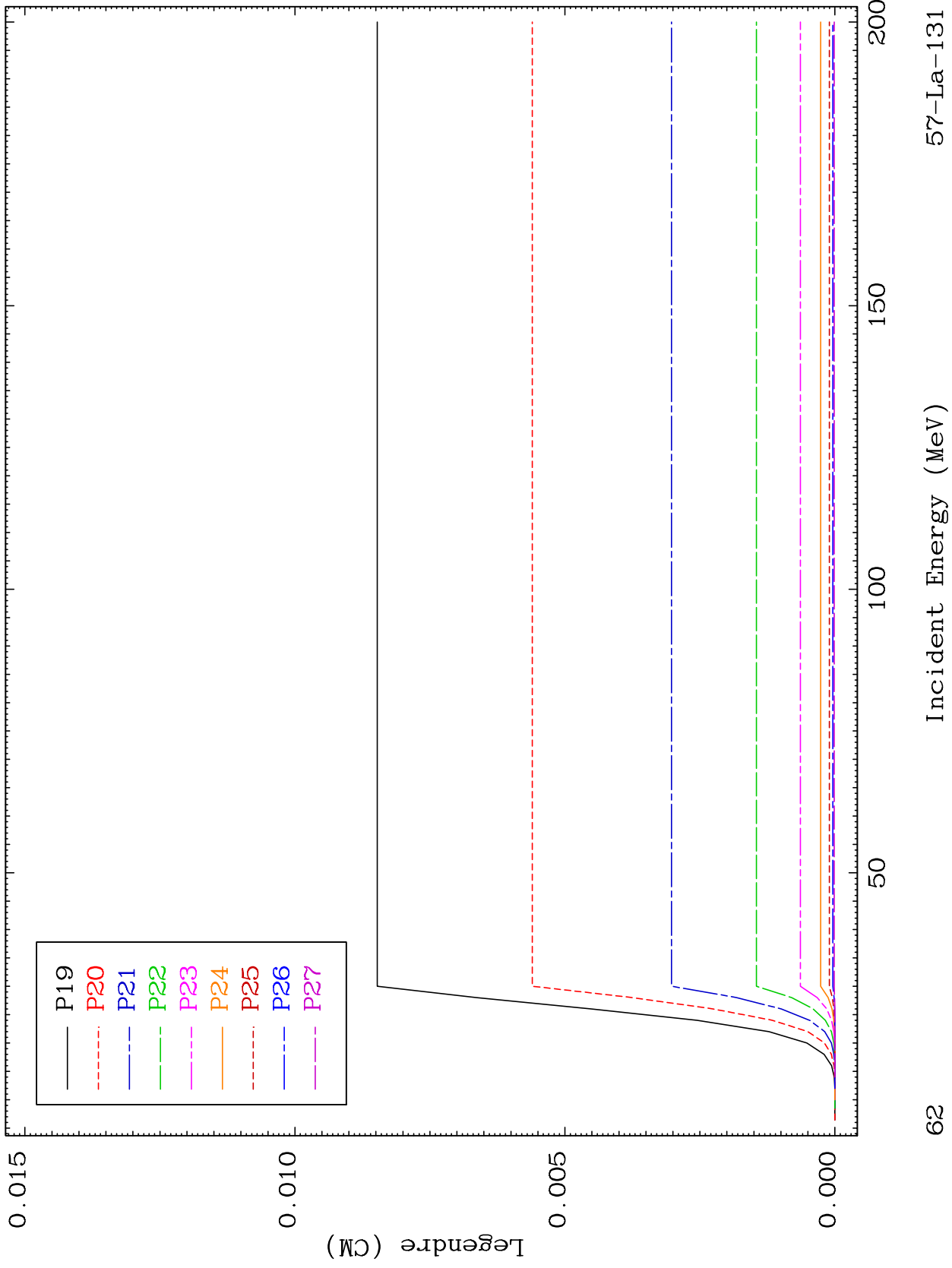
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



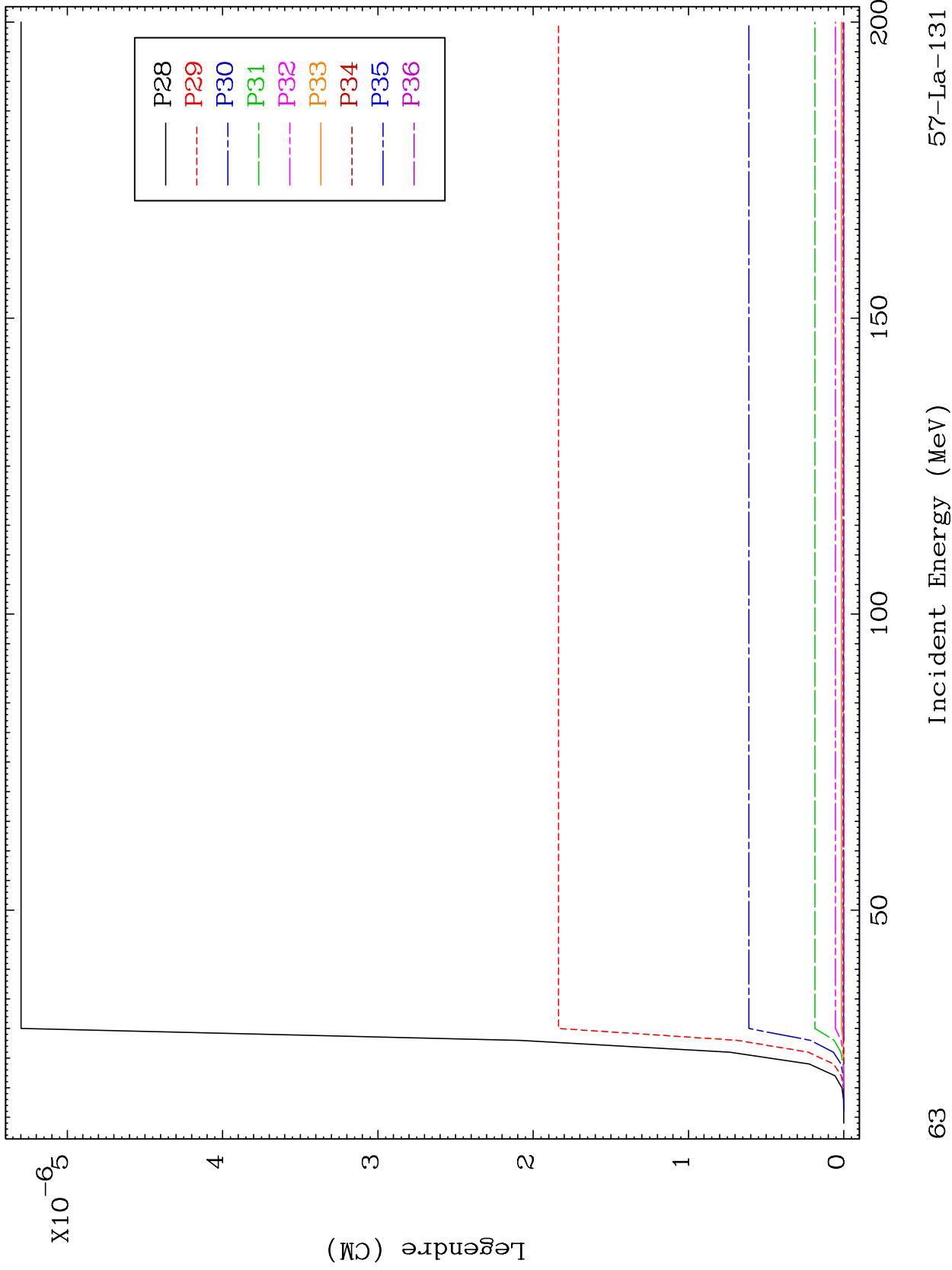
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MAT 5704

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

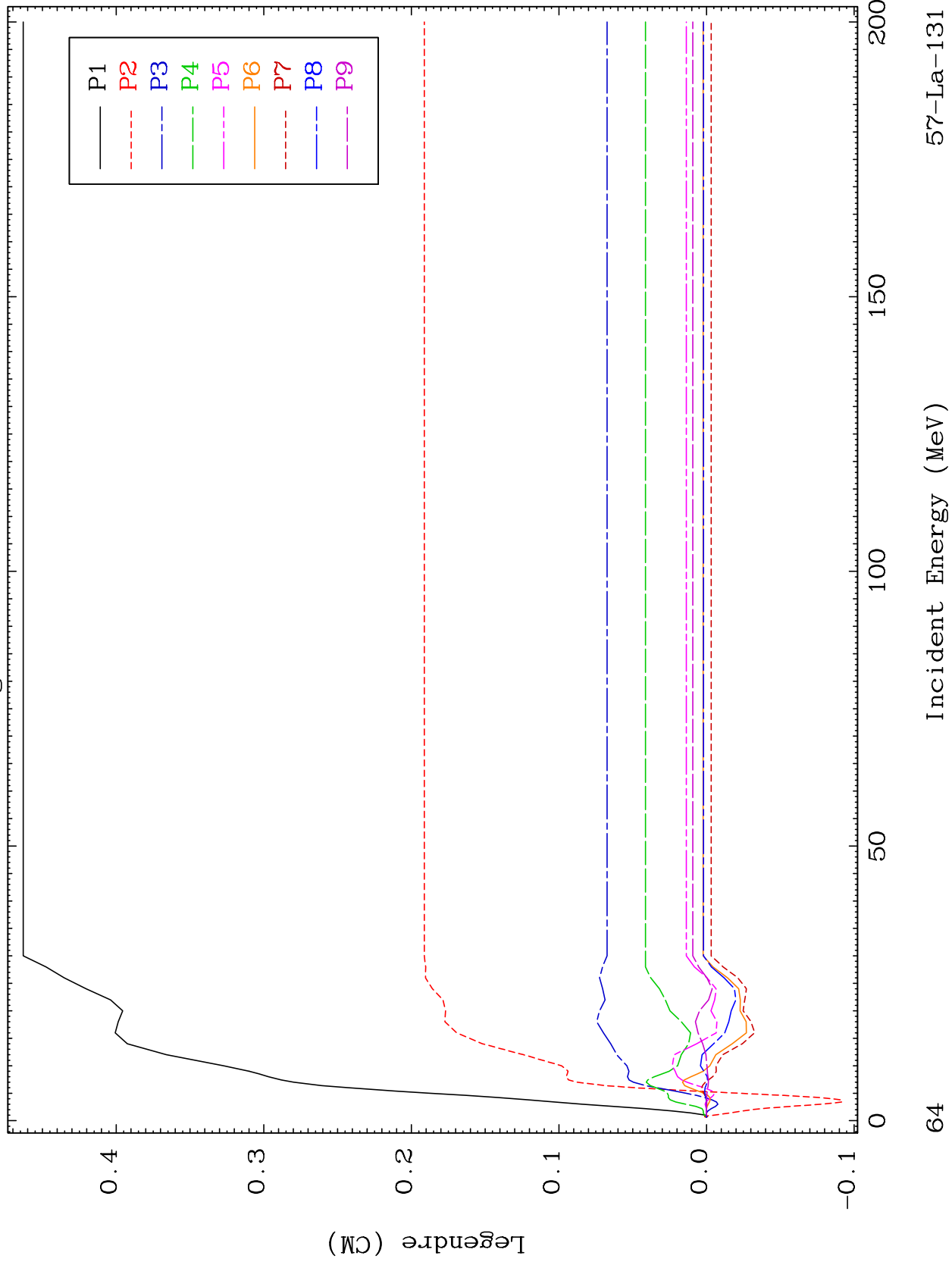
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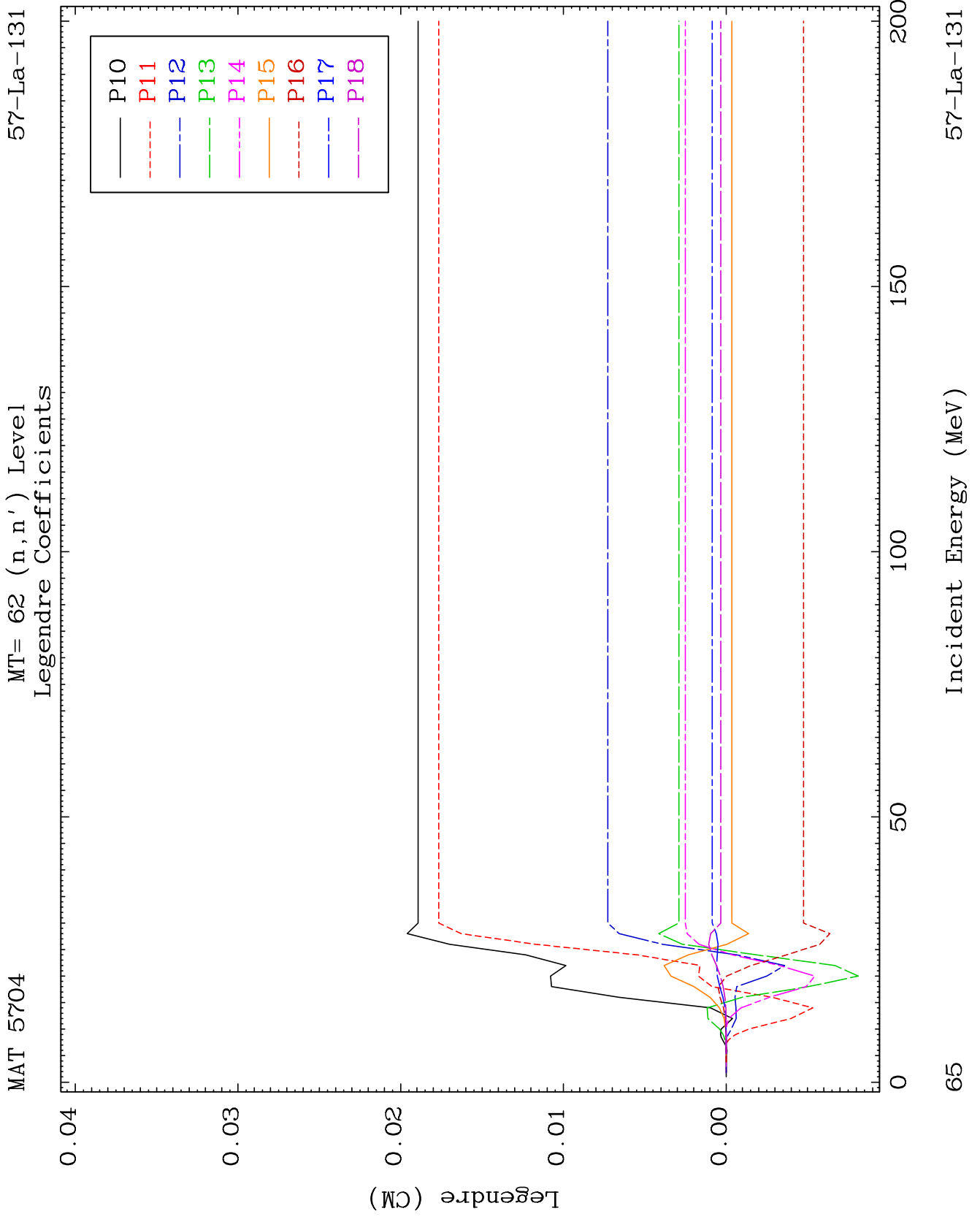


MAT 5704

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

57-La-131

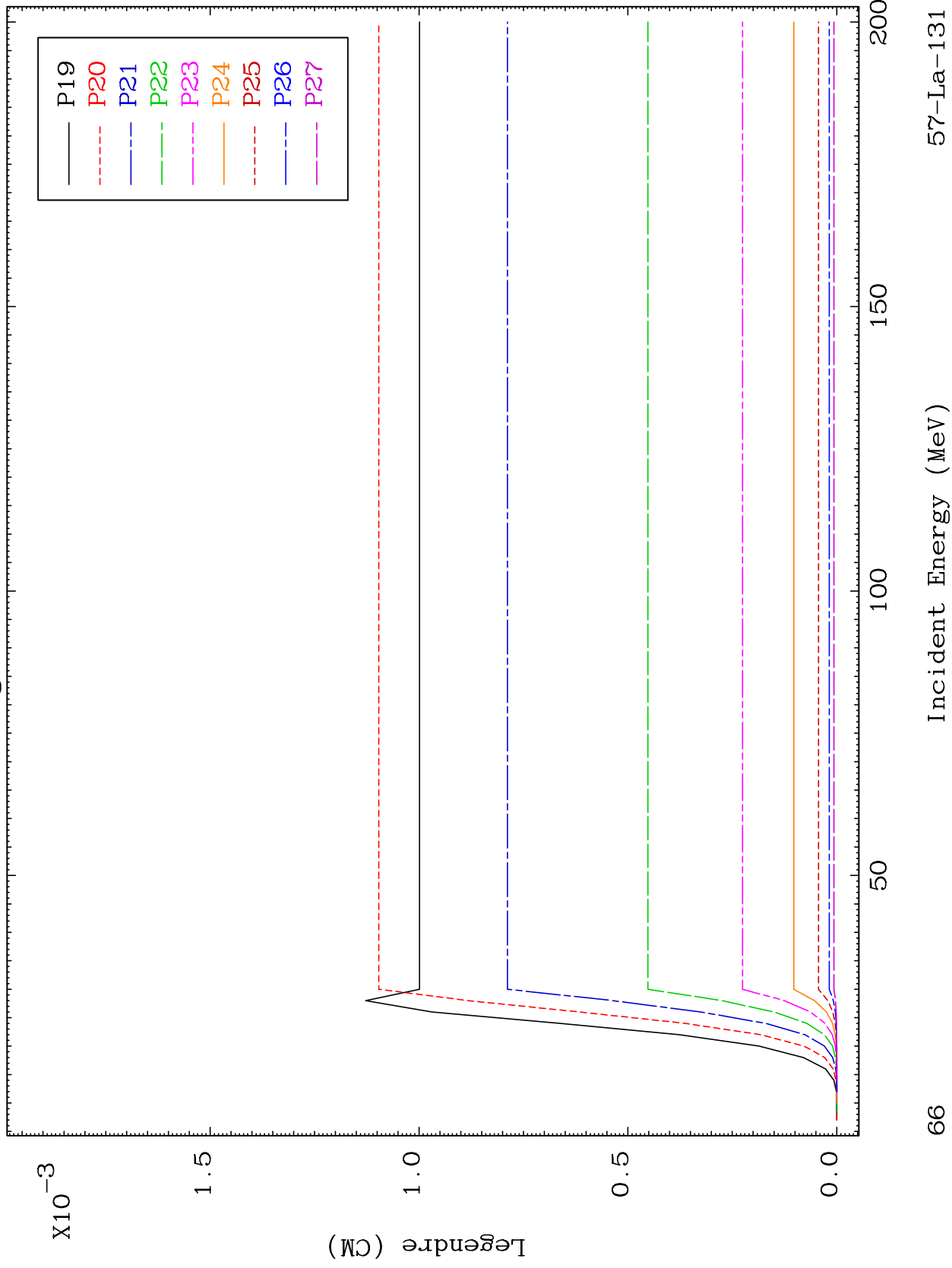




MAT 5704

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

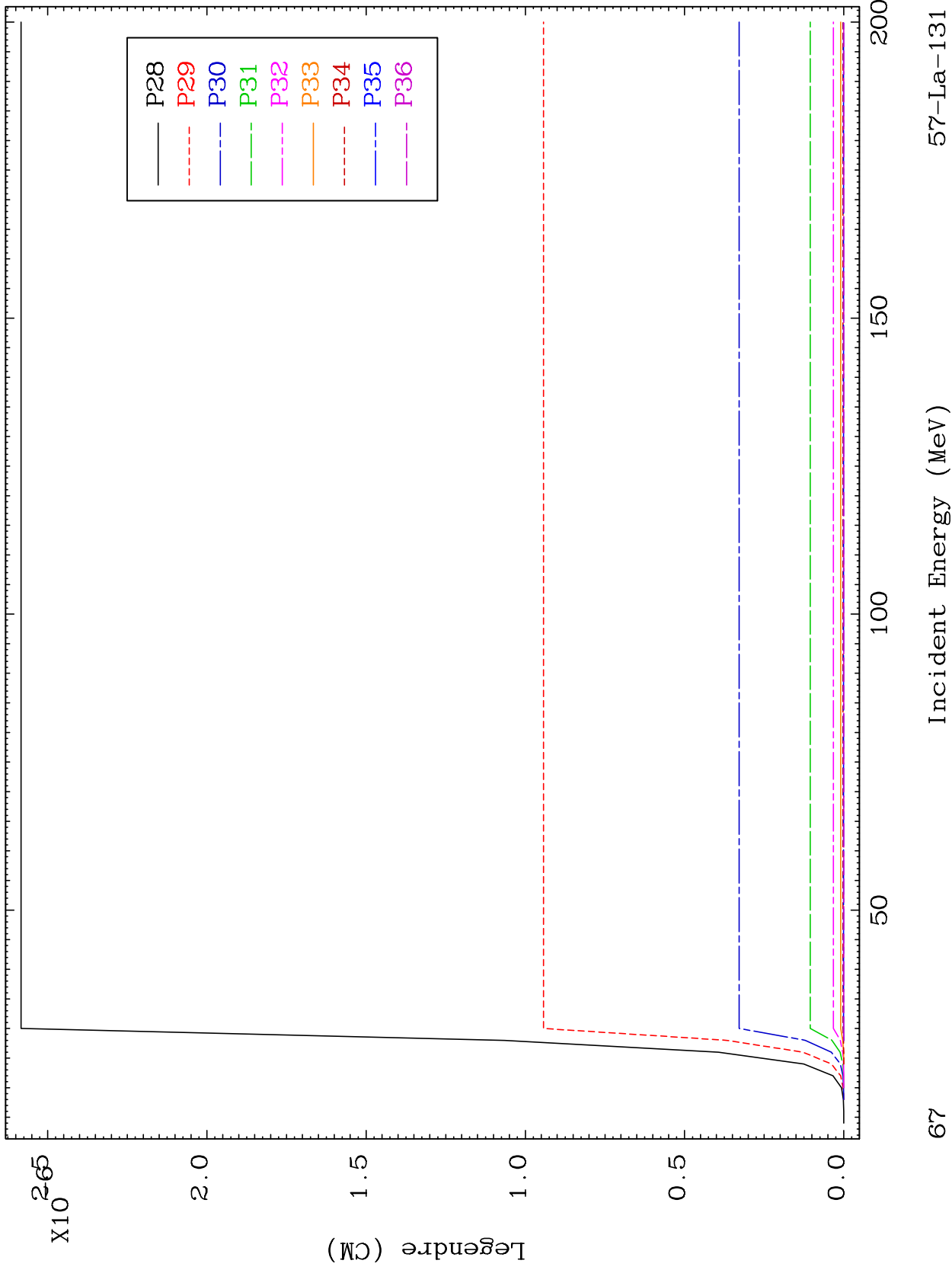
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MAT 5704

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

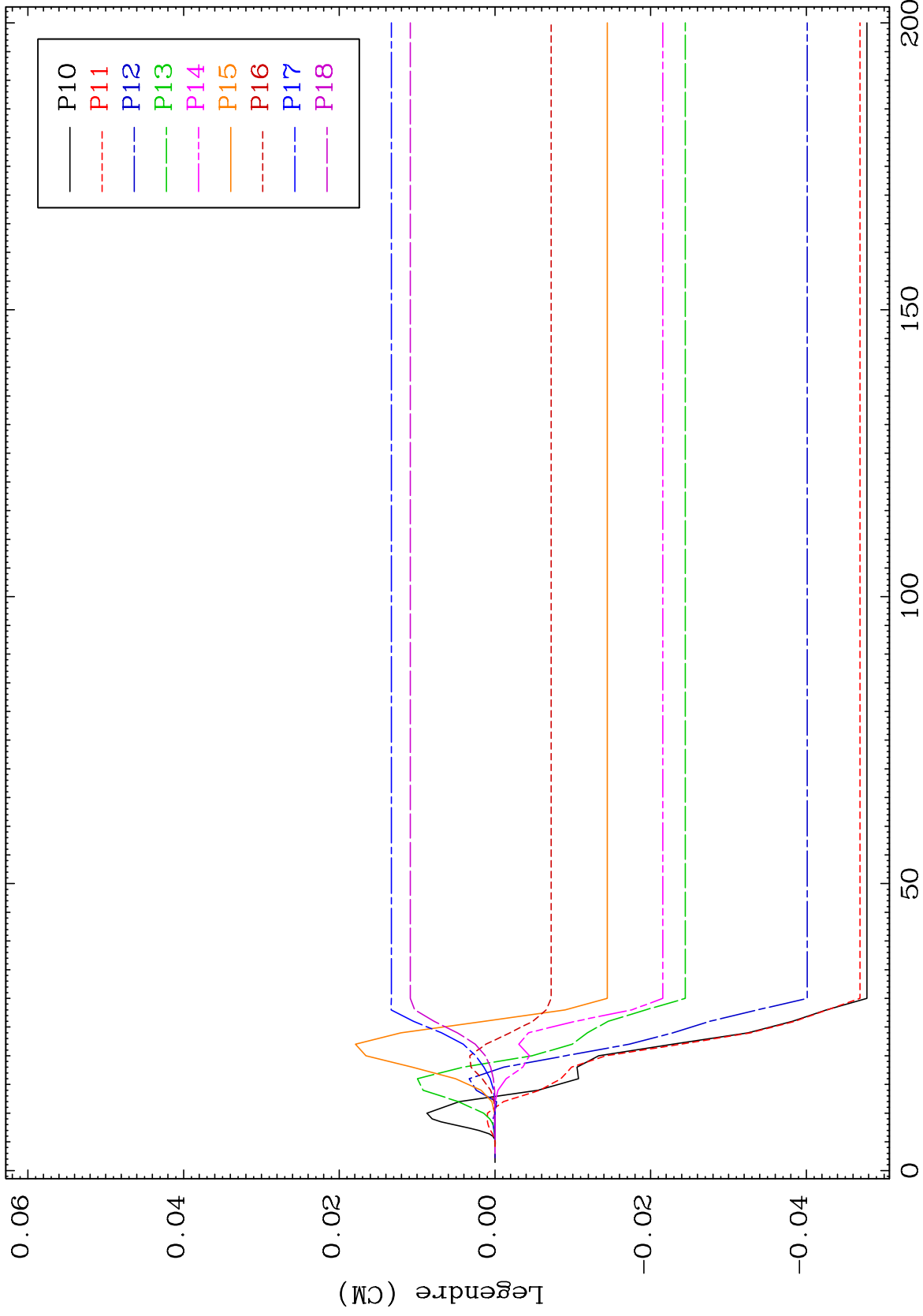
57-La-131



MAT 5704

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

57-La-131



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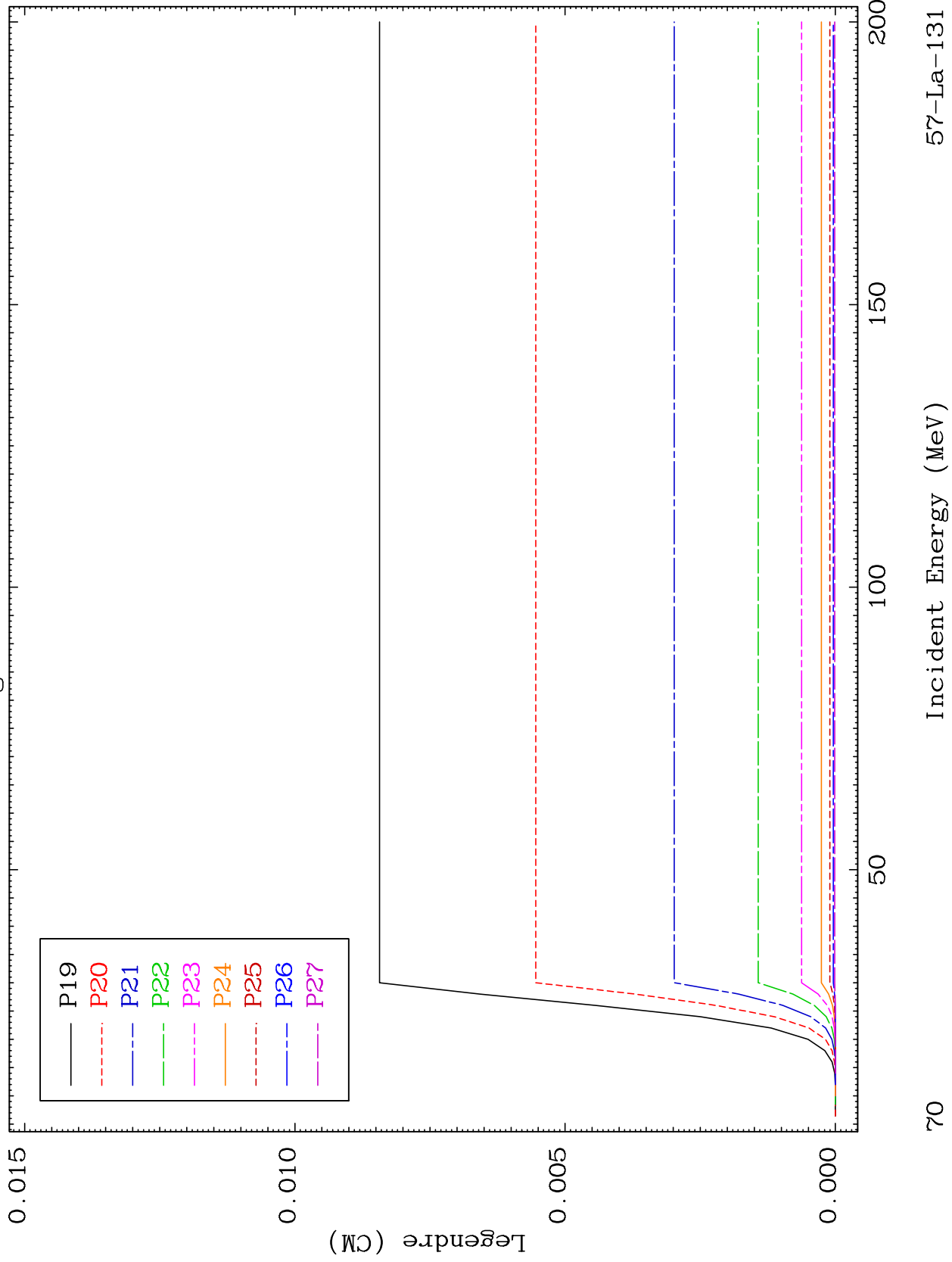
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



57-La-131

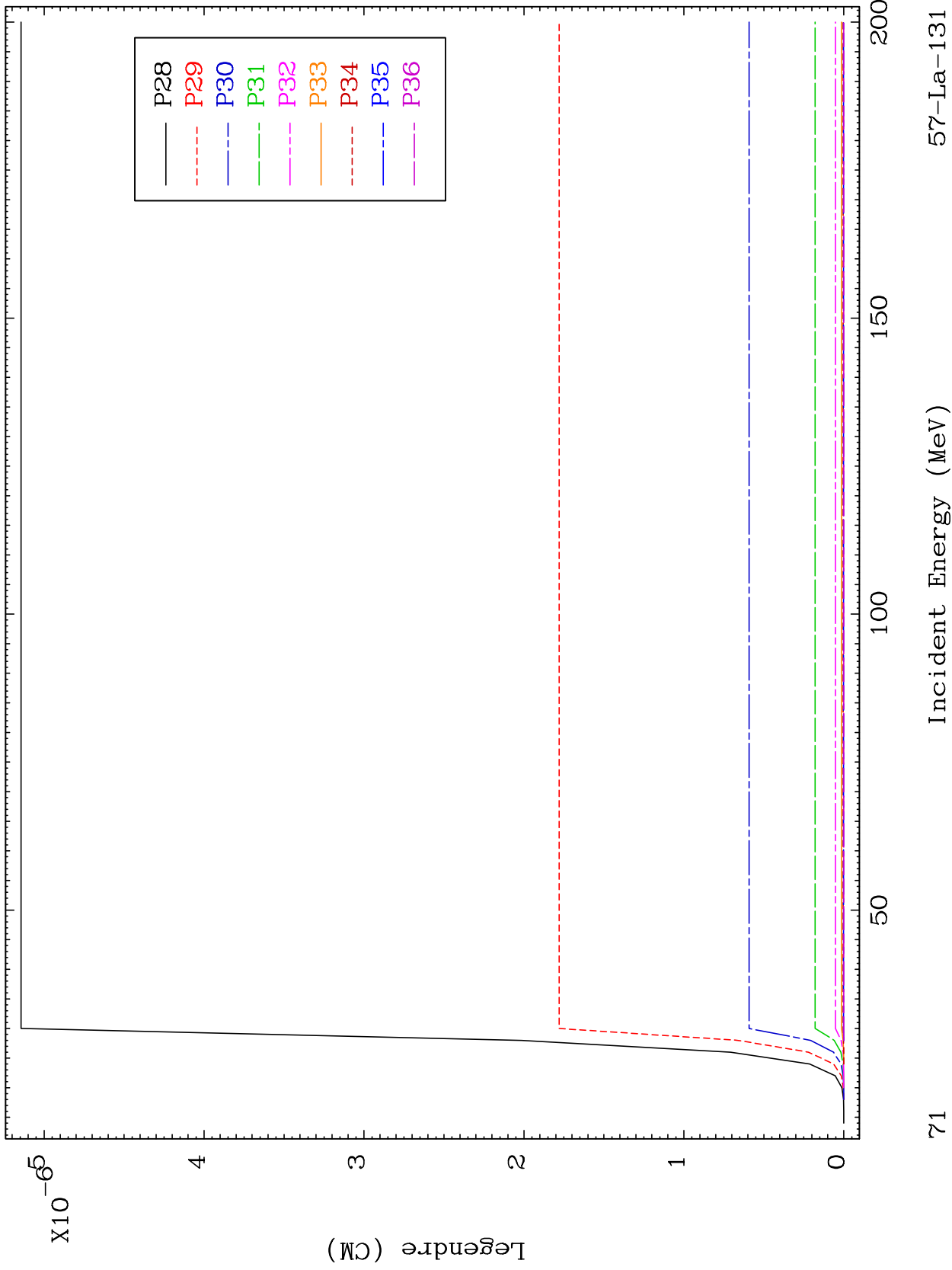
Incident Energy (MeV)

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MAT 5704

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

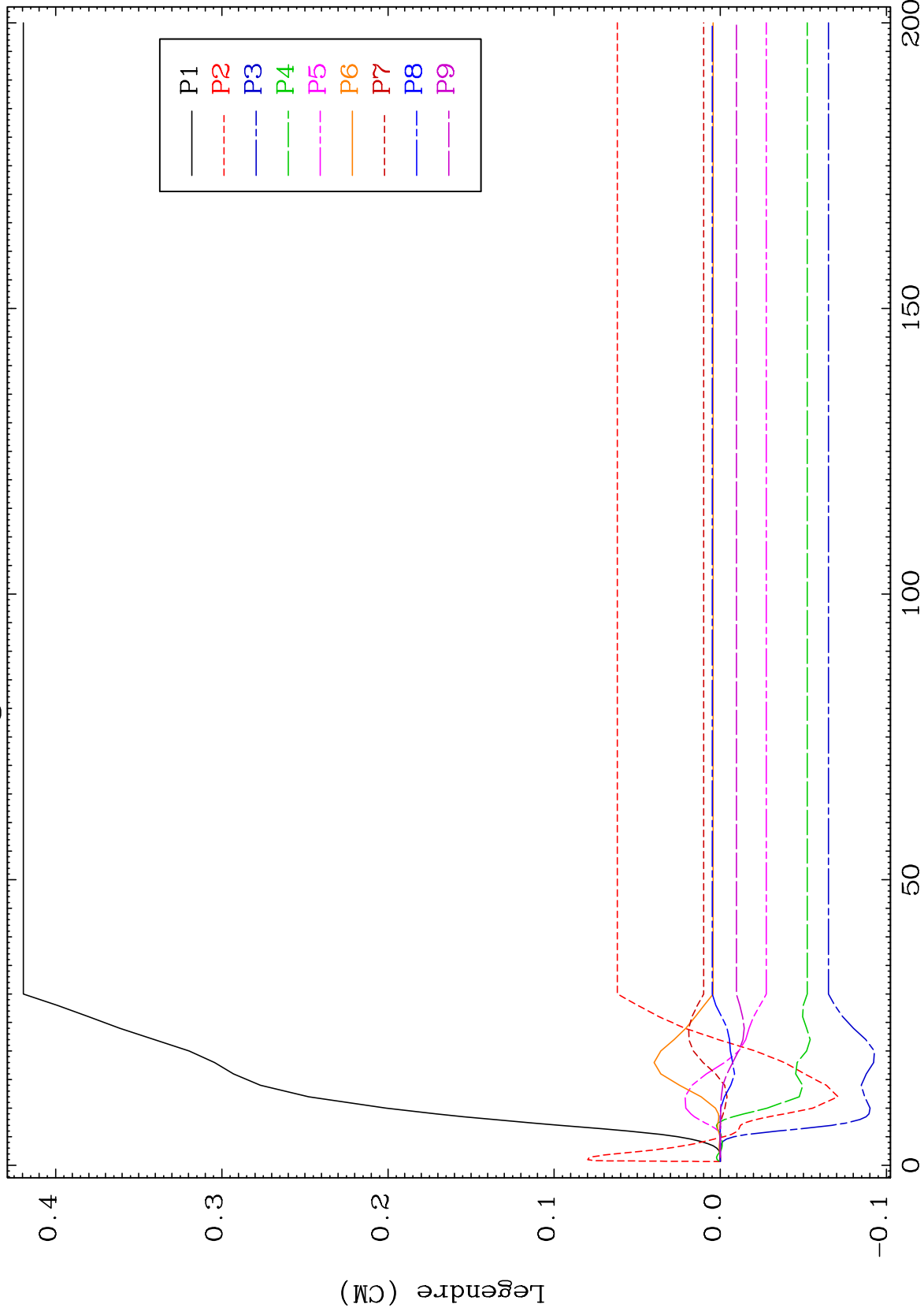
57-La-131



MAT 5704

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

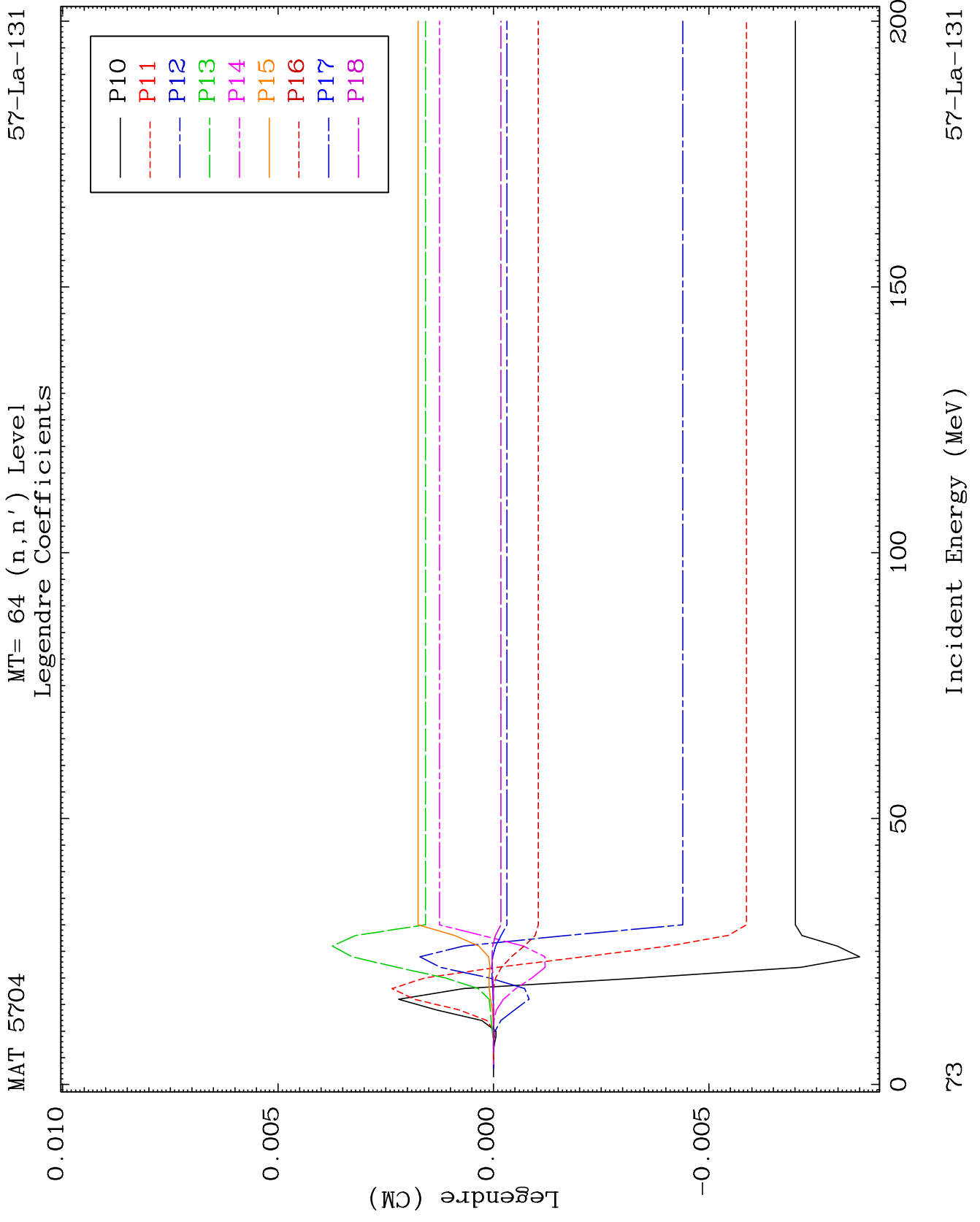
57-La-131



72

Incident Energy (MeV)

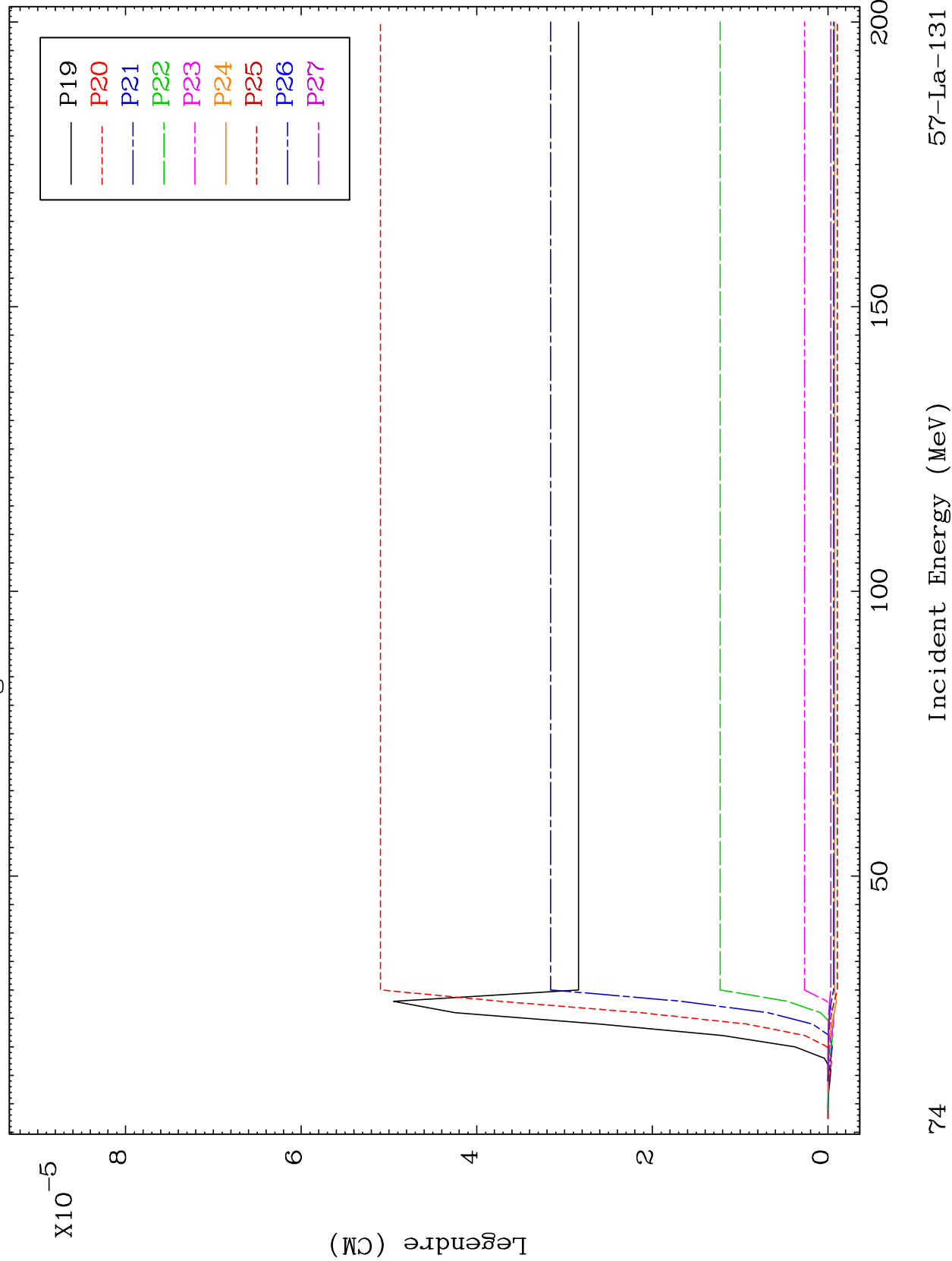
57-La-131

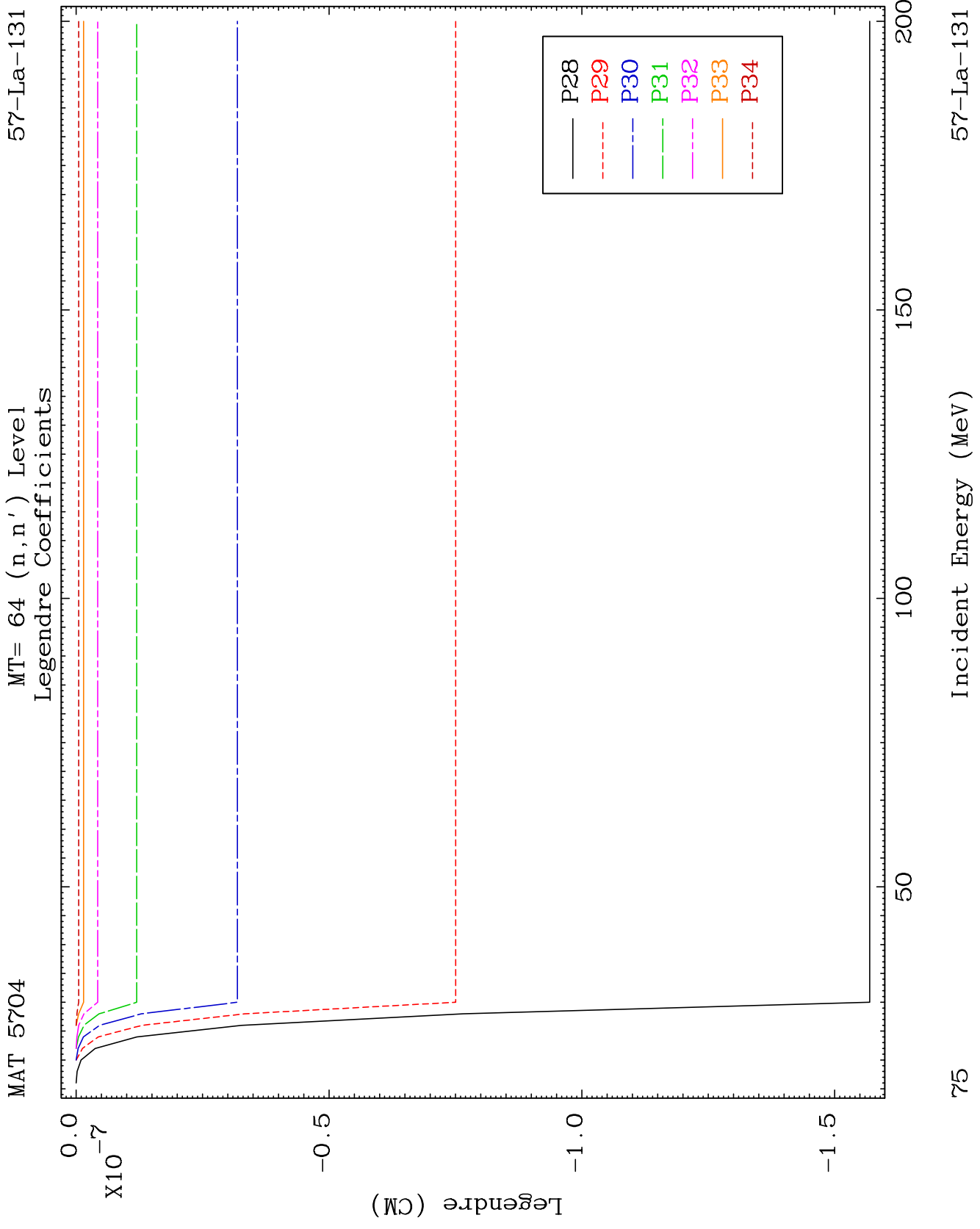


MAT 5704

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

57-La-131

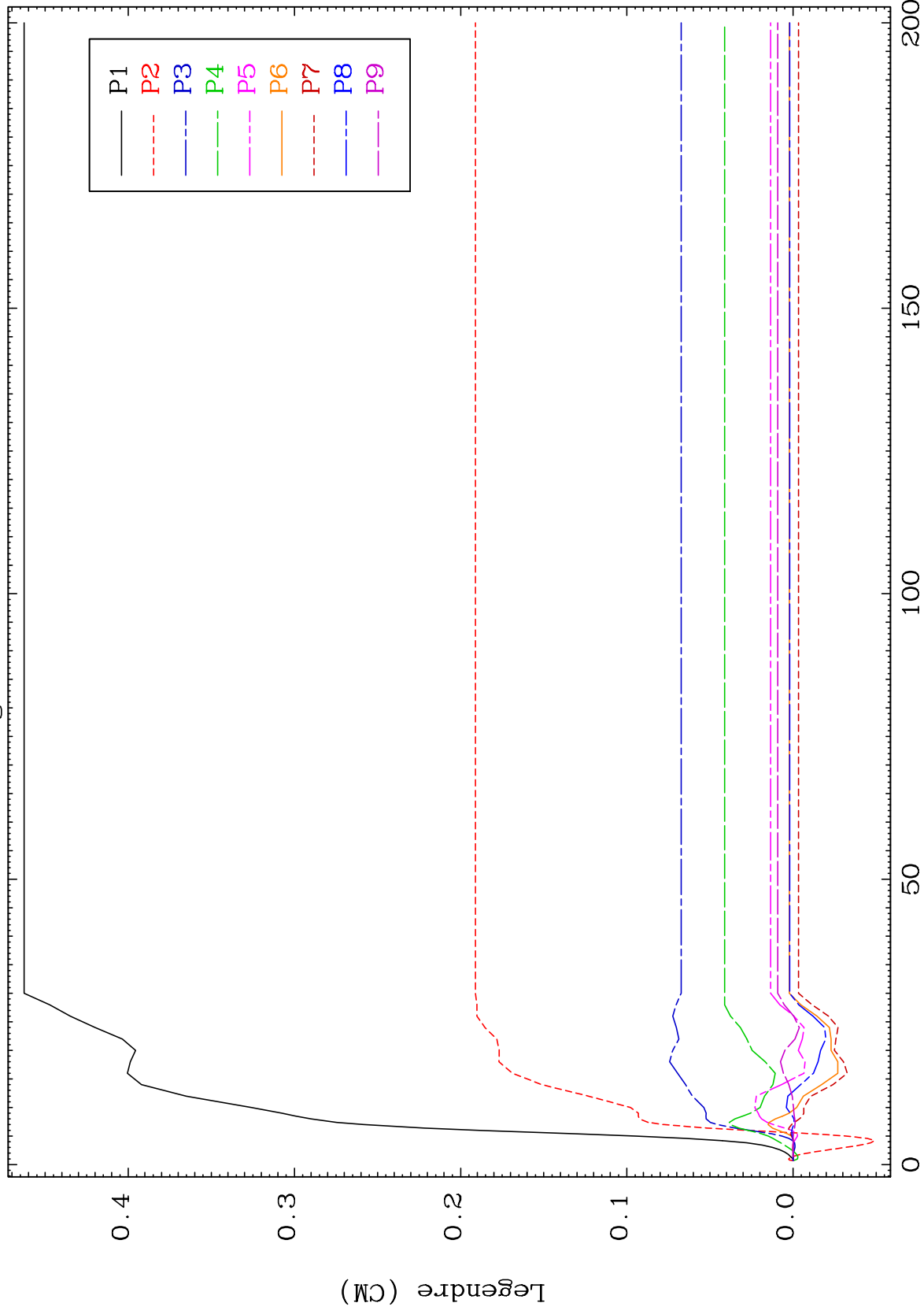




MAT 5704

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

57-La-131



76

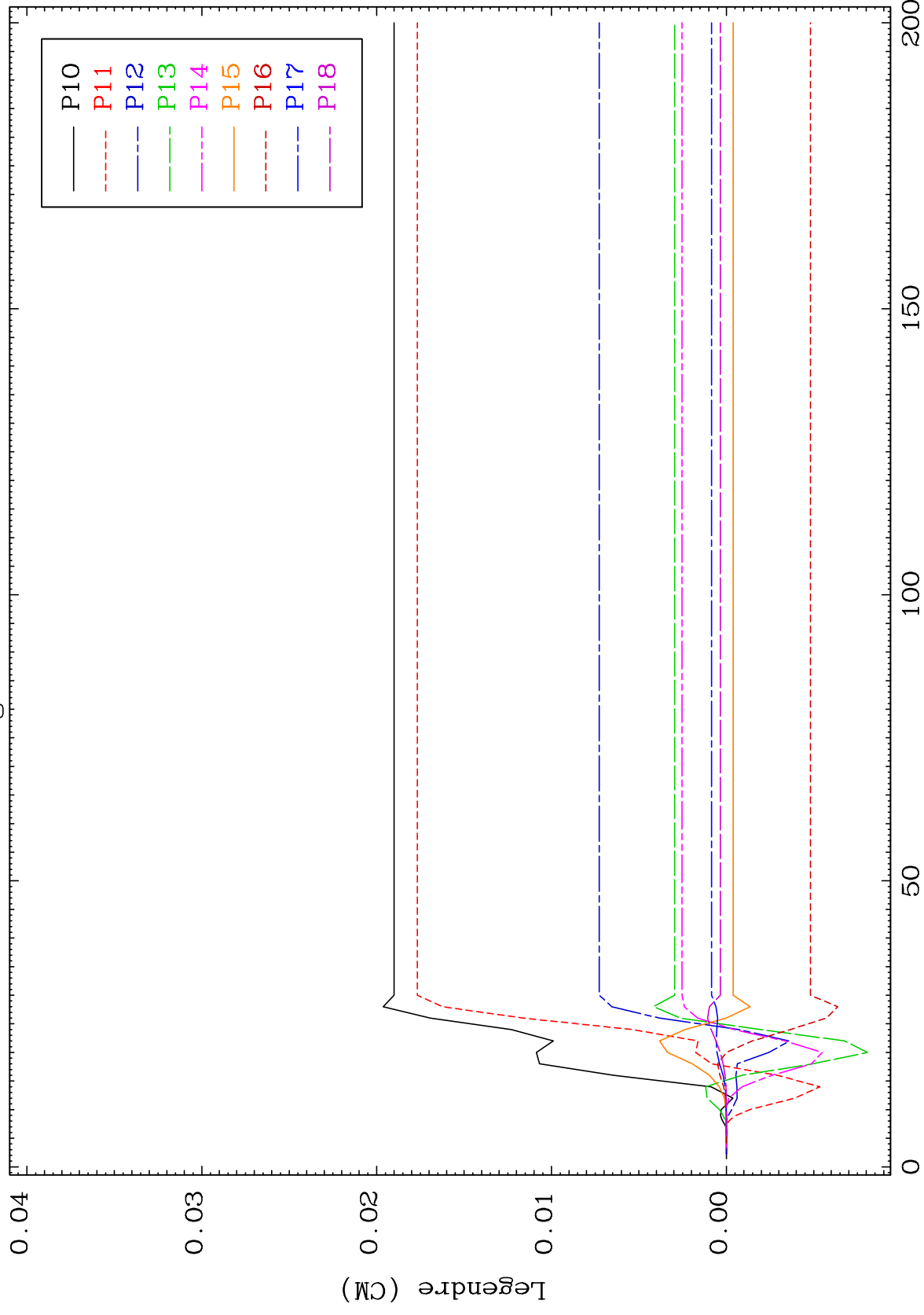
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



77

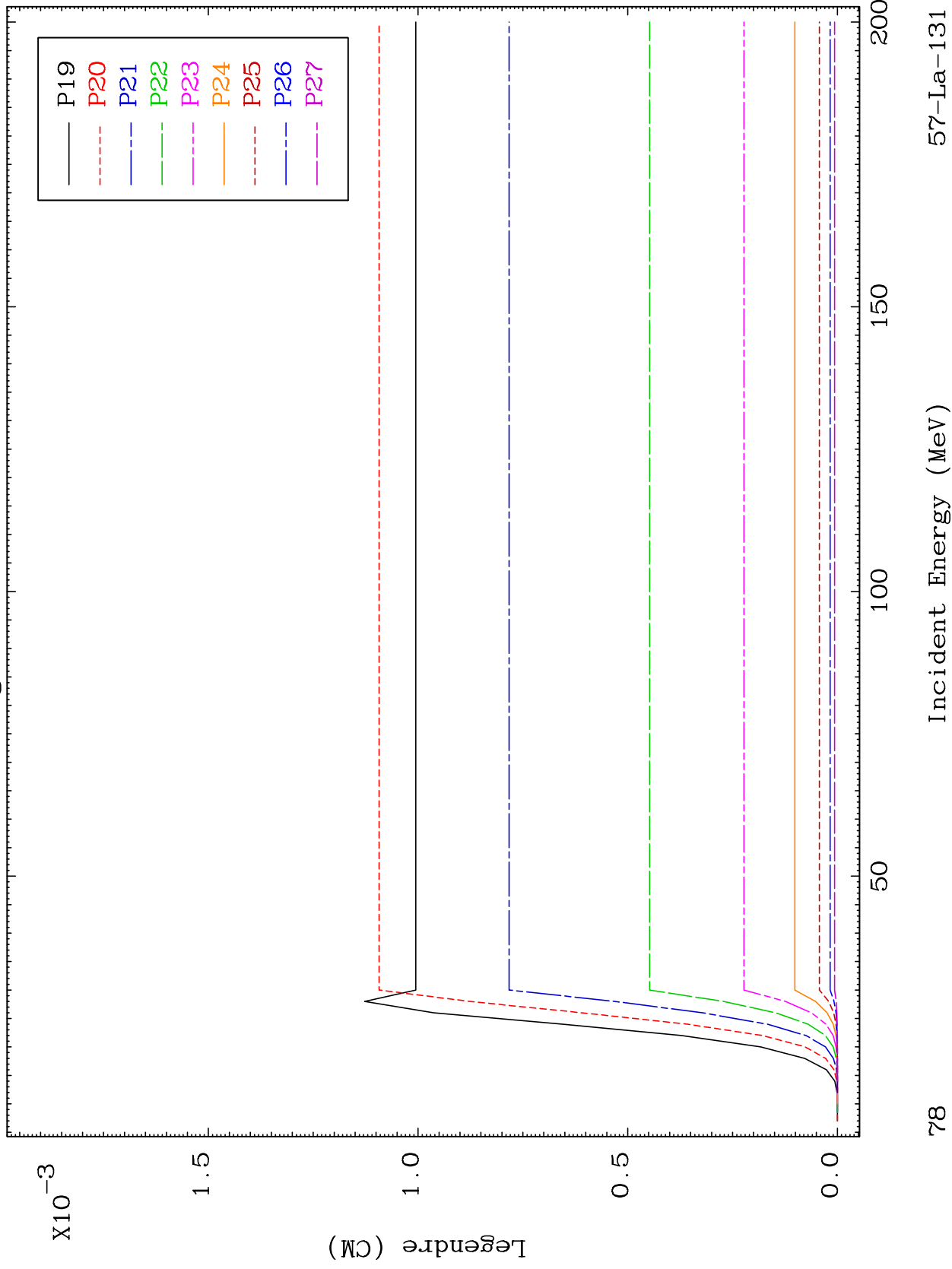
Incident Energy (MeV)

57-La-131

MAT 5704

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

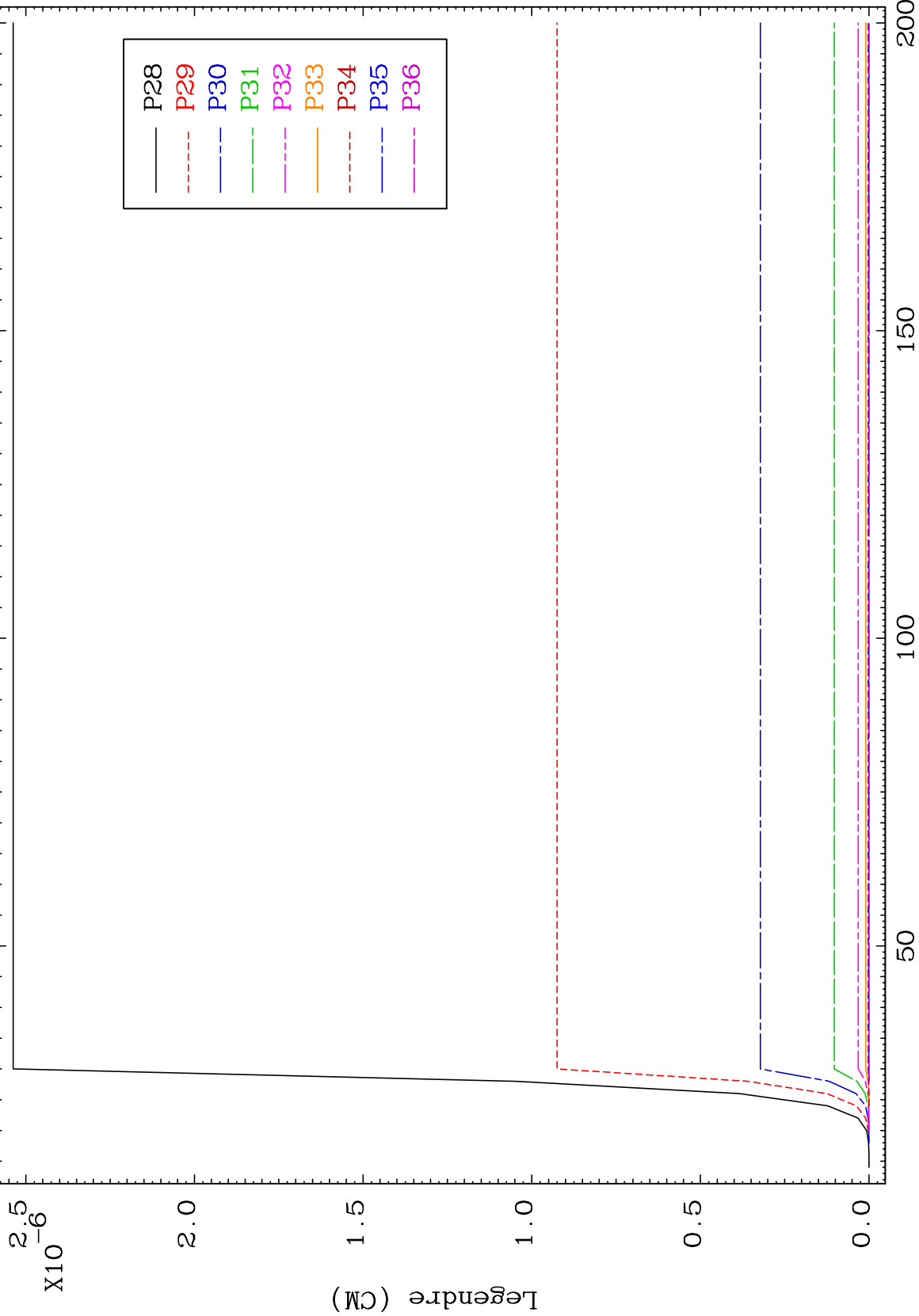
57-La-131



MAT 5704

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

57-La-131



79

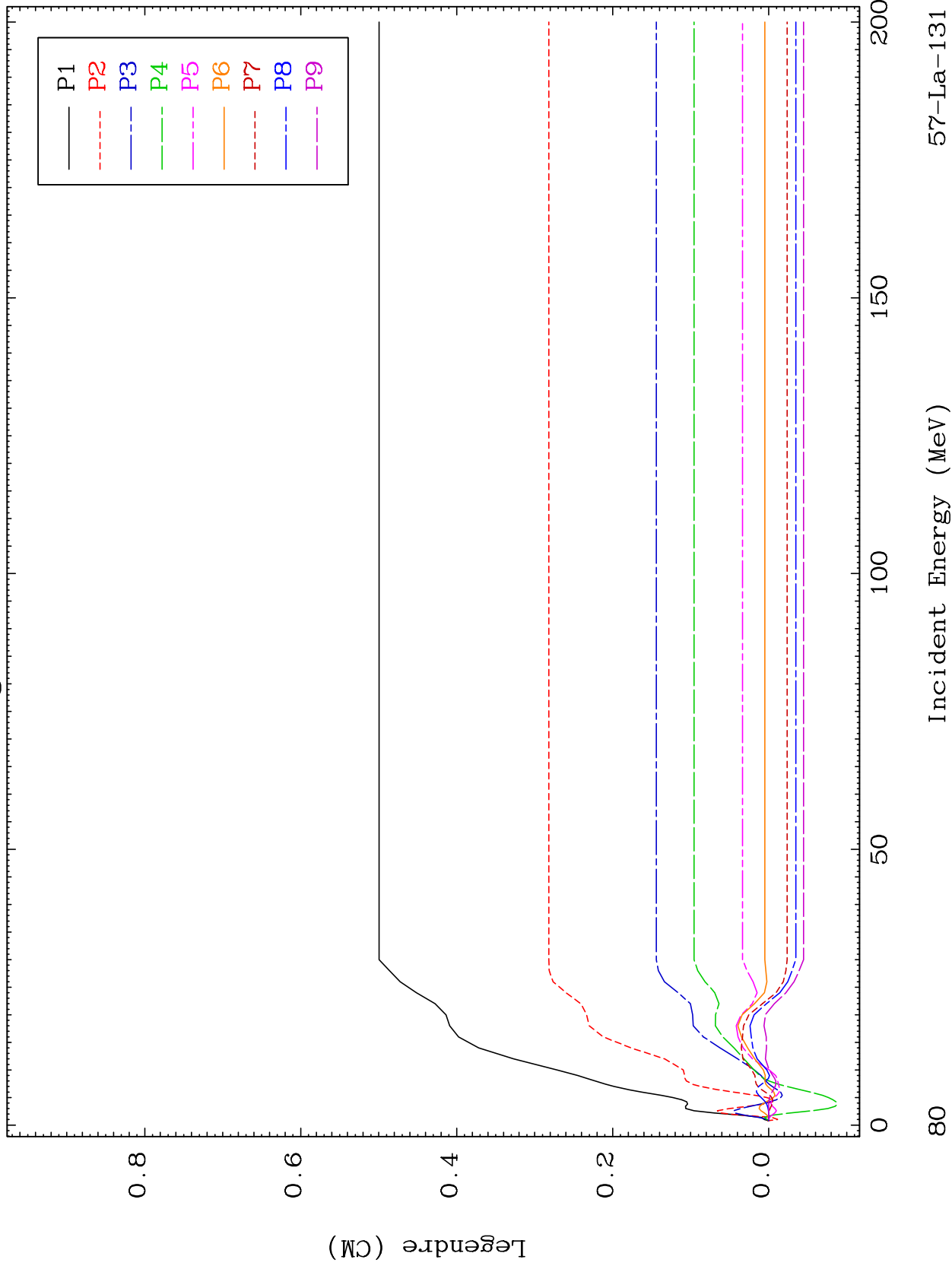
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131

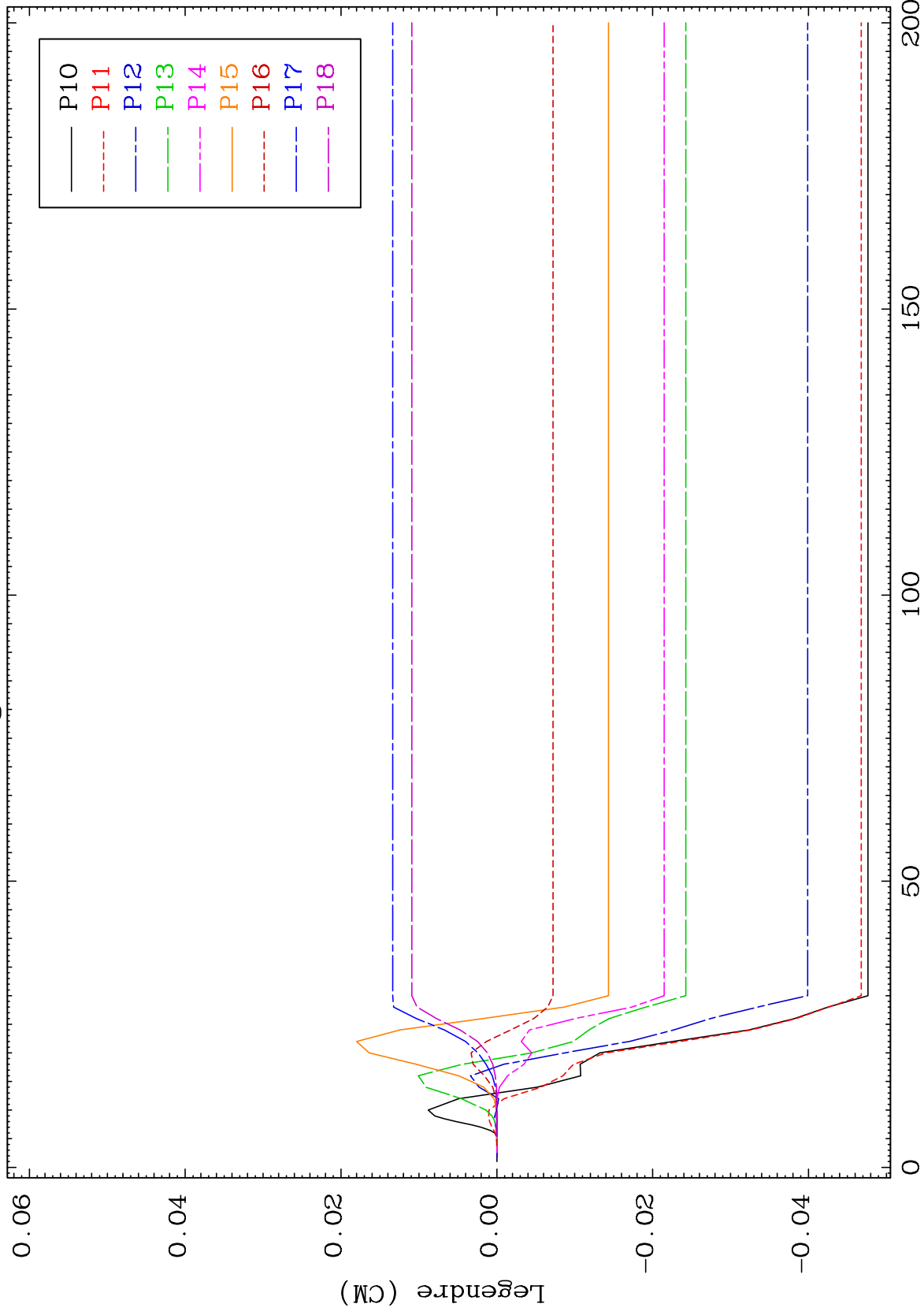


57-La-131

MAT 5704

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

57-La-131



81

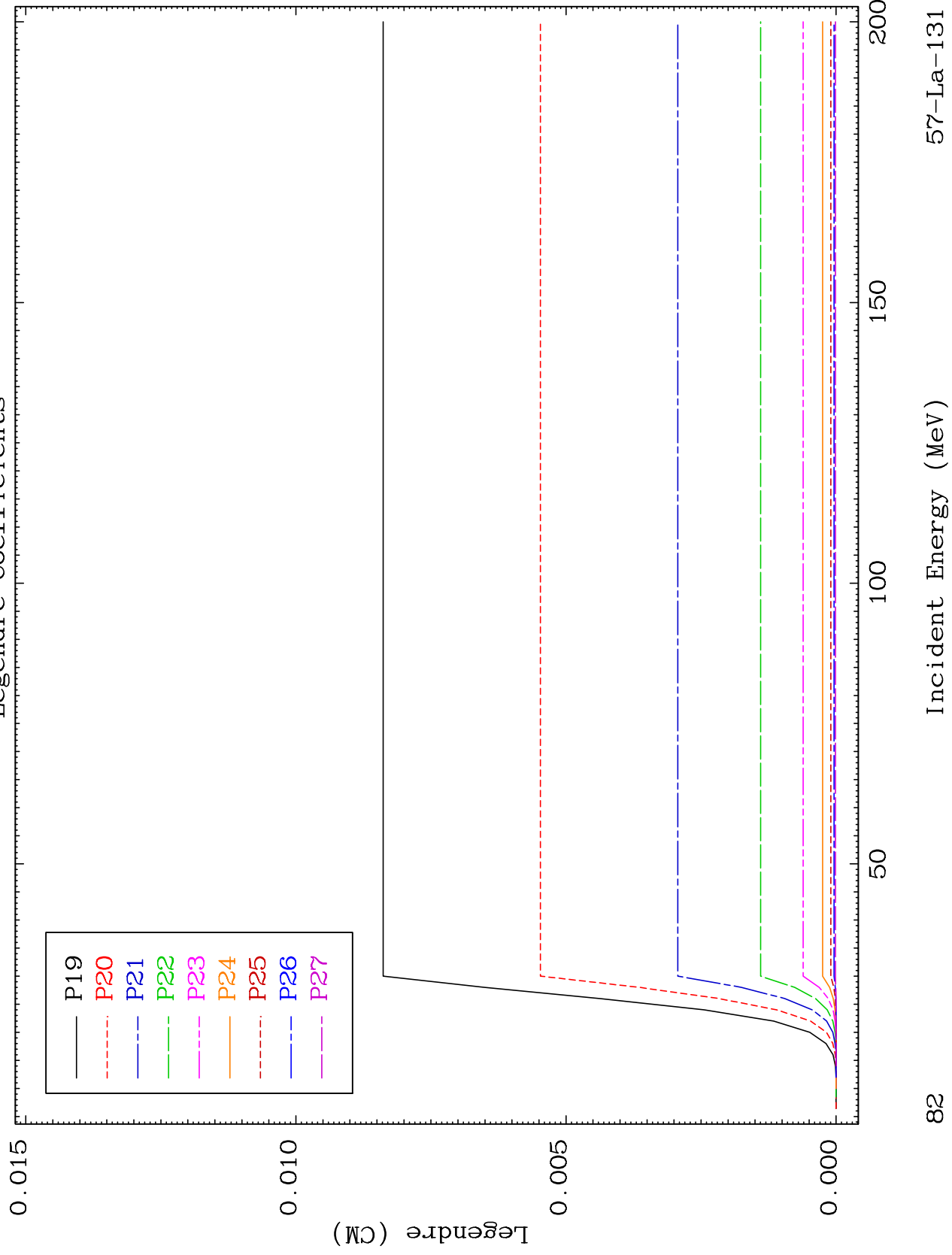
Incident Energy (MeV)

57-La-131

MAT 5704

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

57-La-131



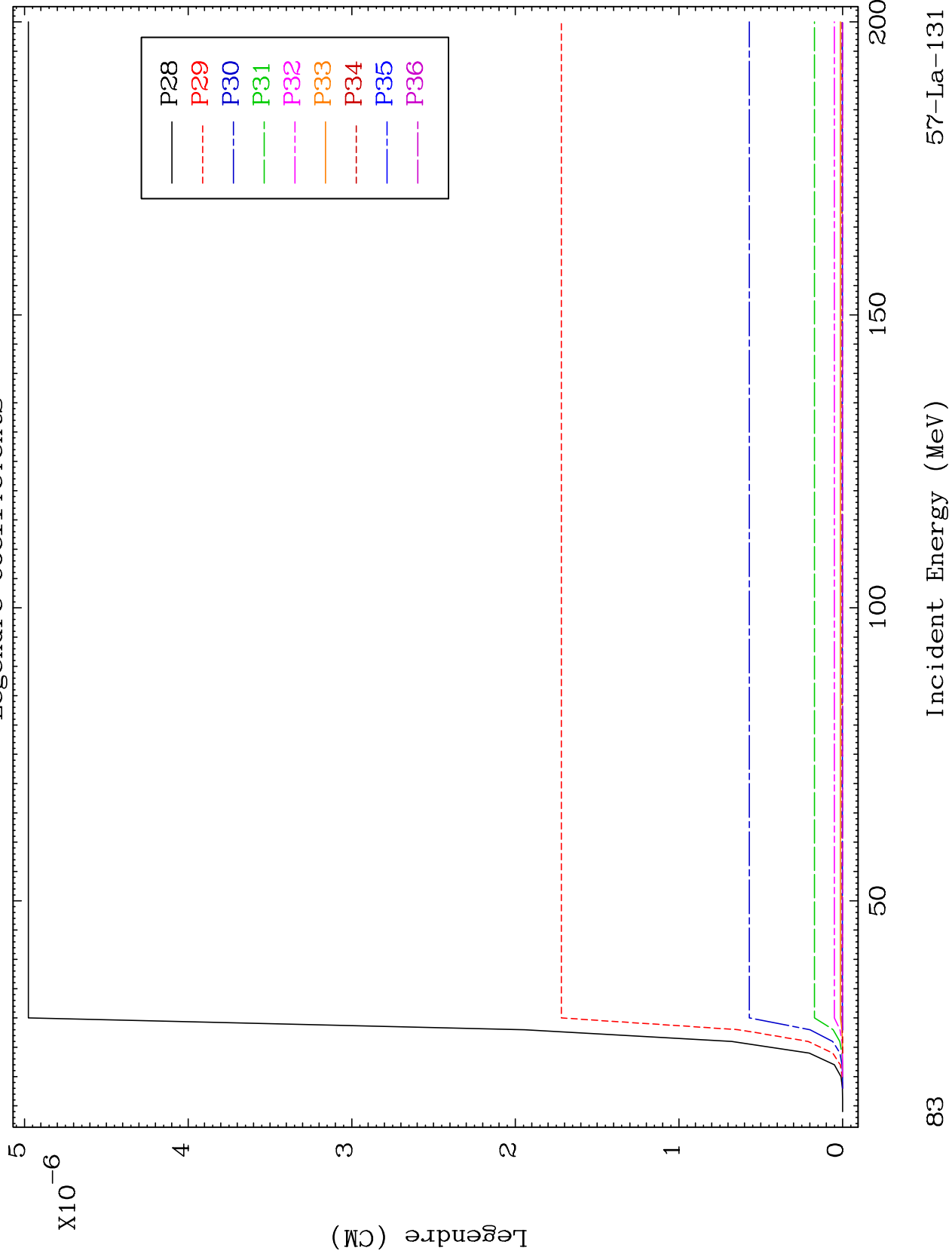
82

57-La-131

MAT 5704

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

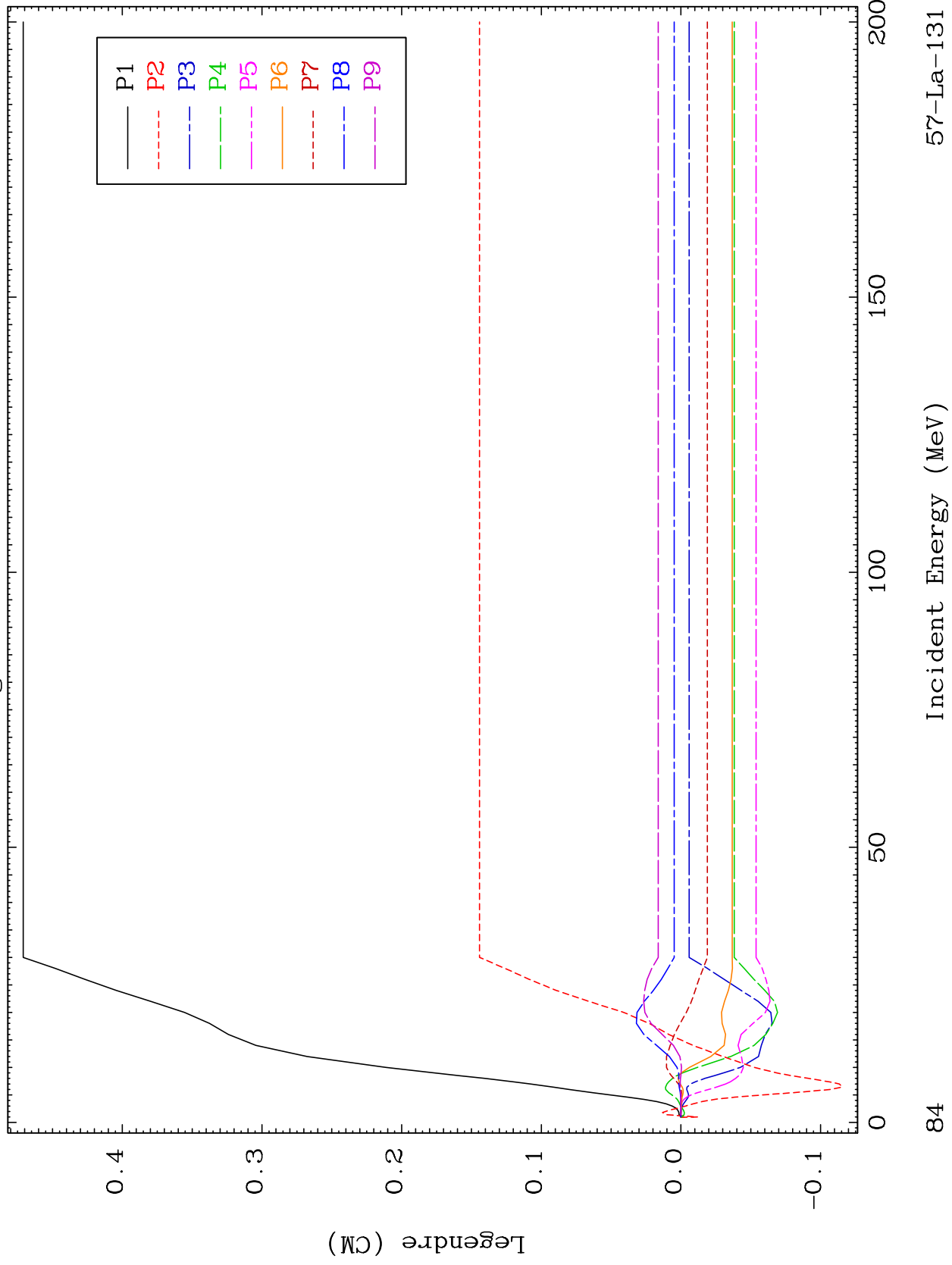
57-La-131



MAT 5704

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

57-La-131



57-La-131

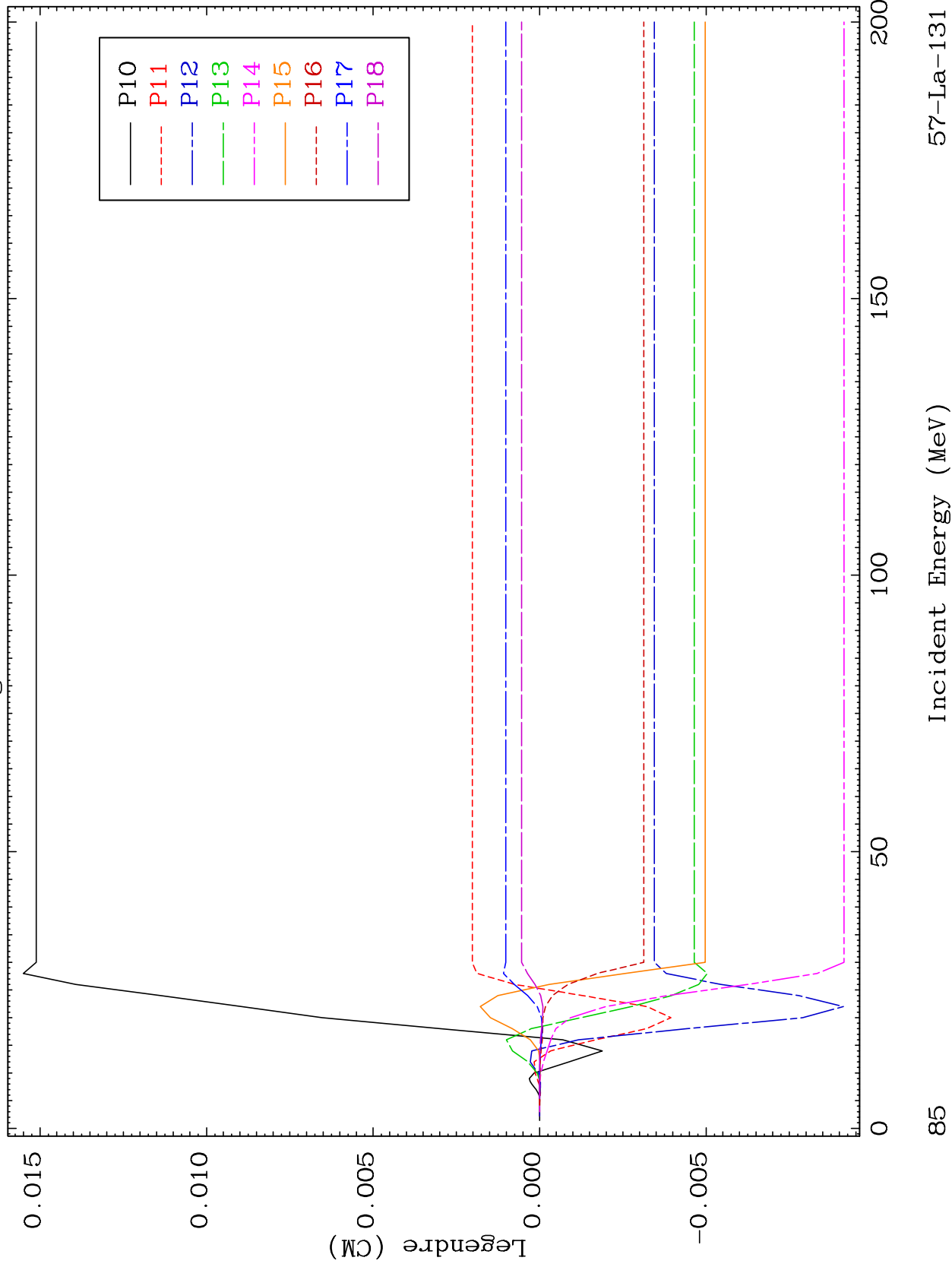
Incident Energy (MeV)

84

MAT 5704

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

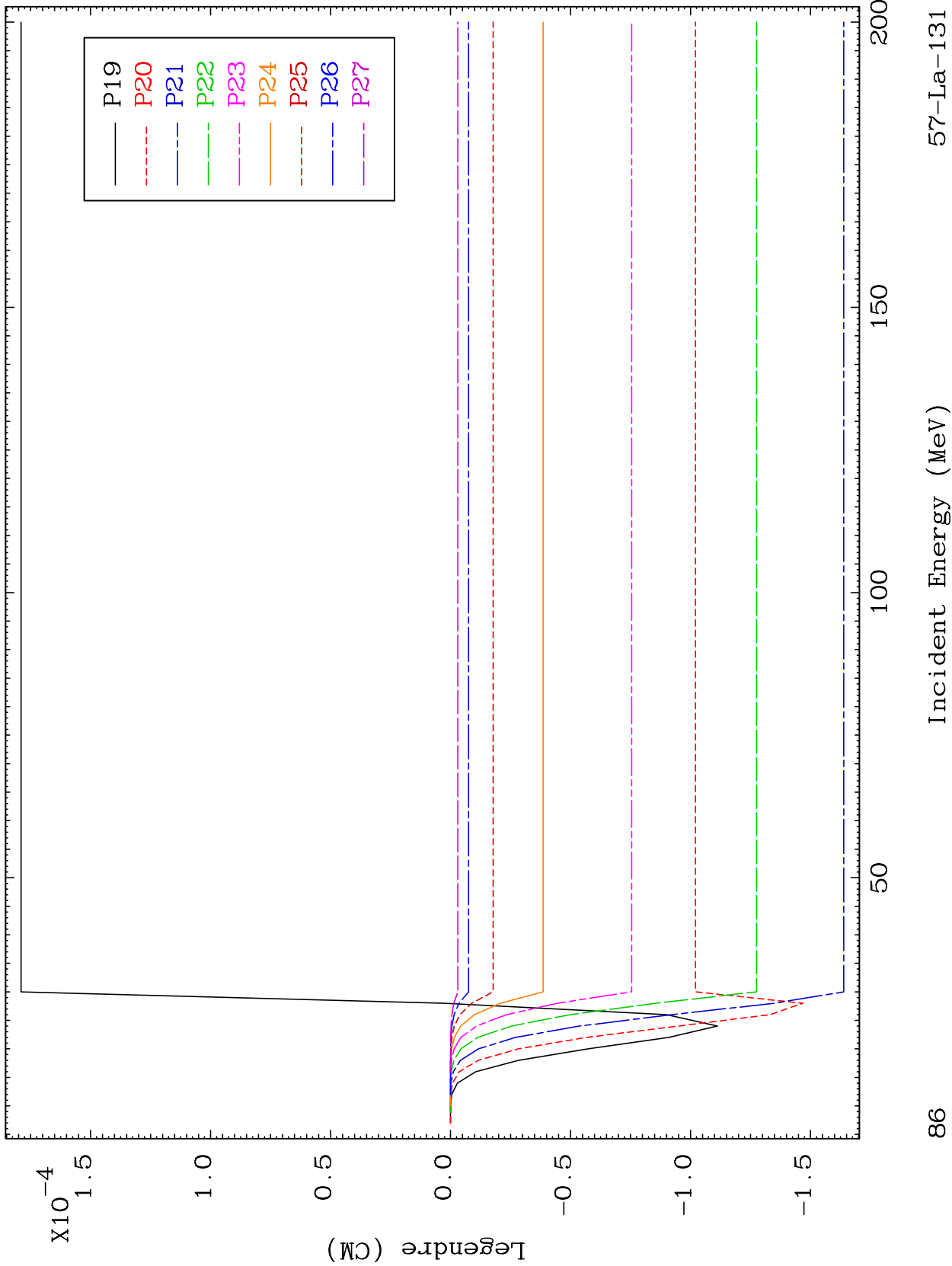
57-La-131

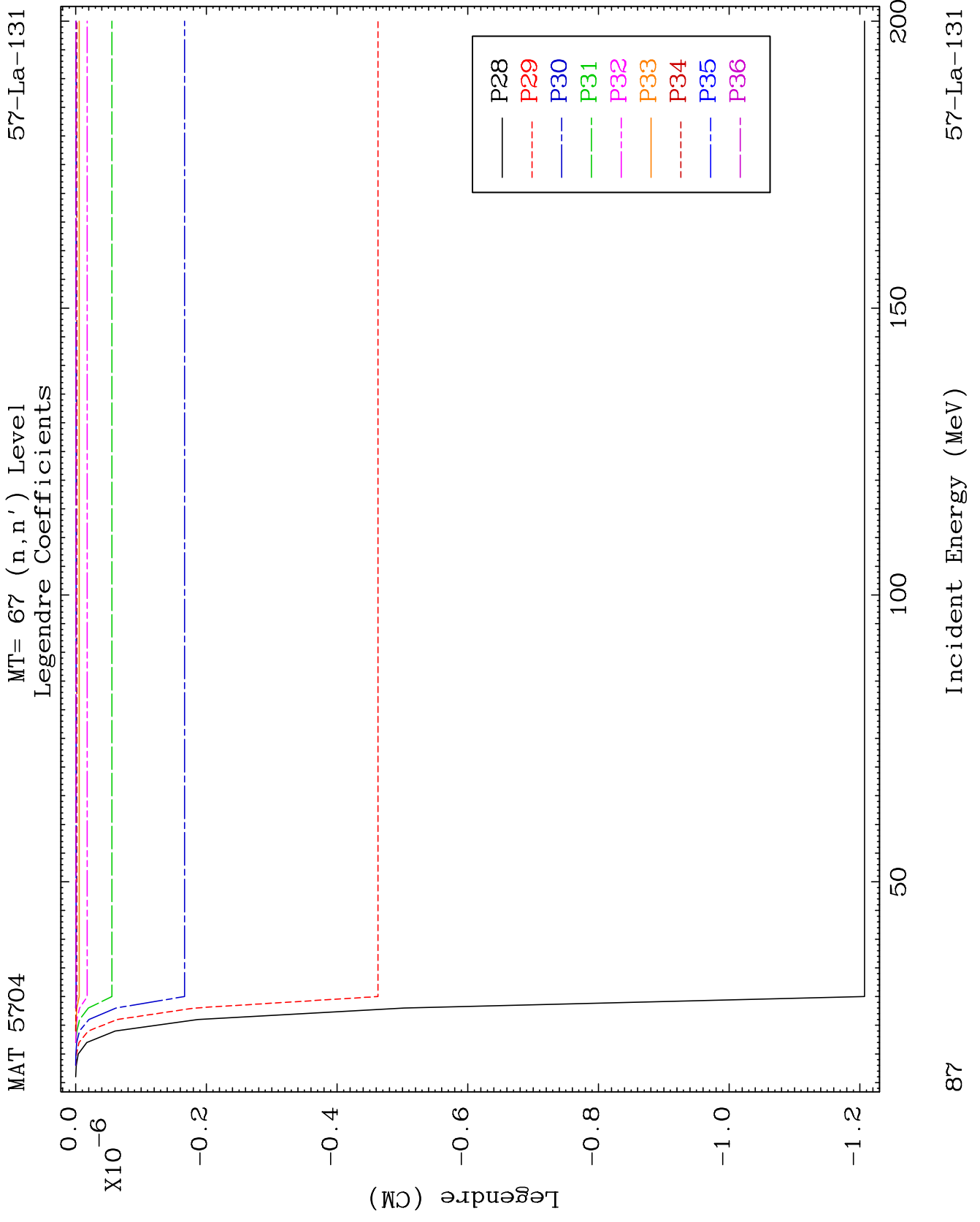


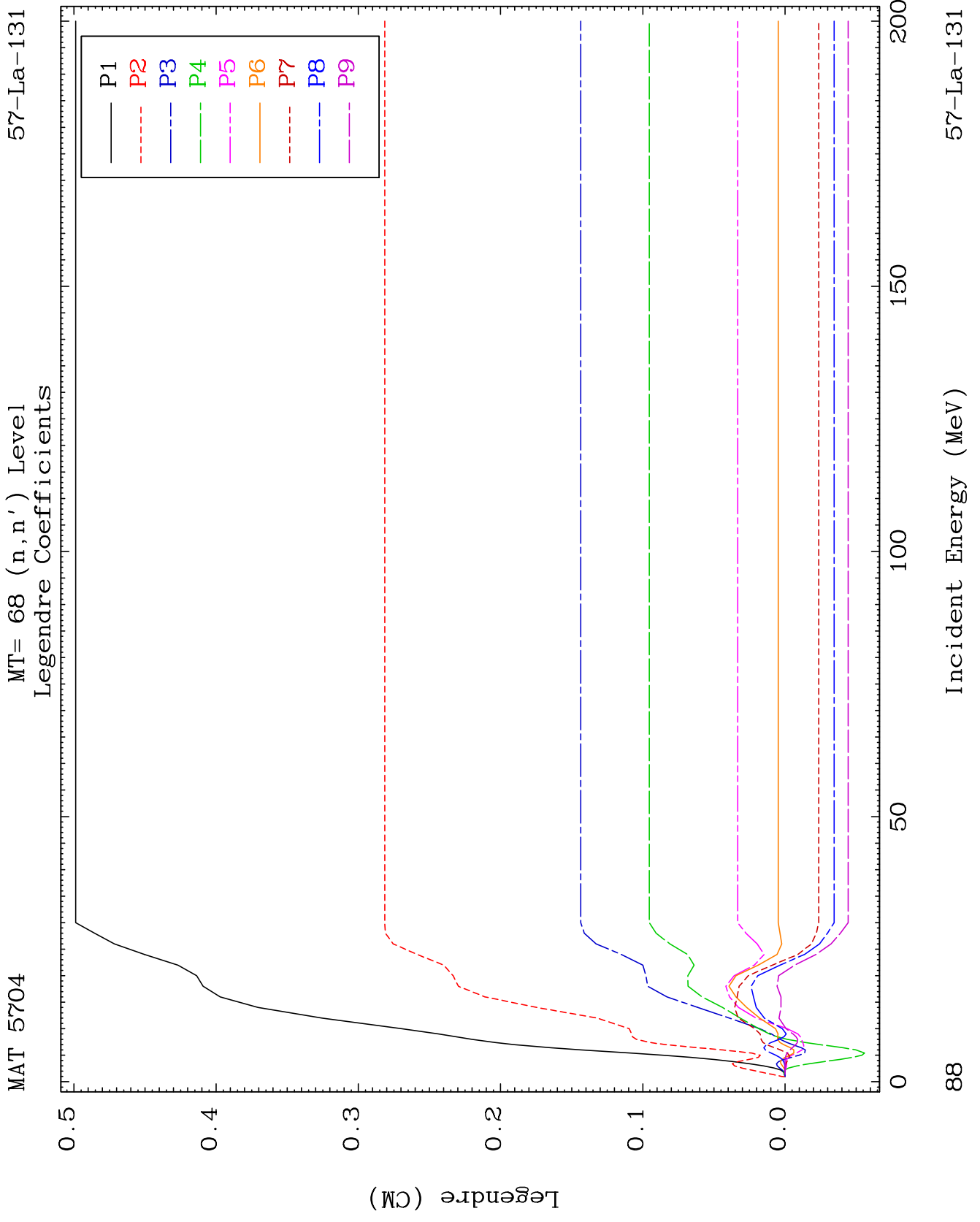
57-La-131

Incident Energy (MeV)

85



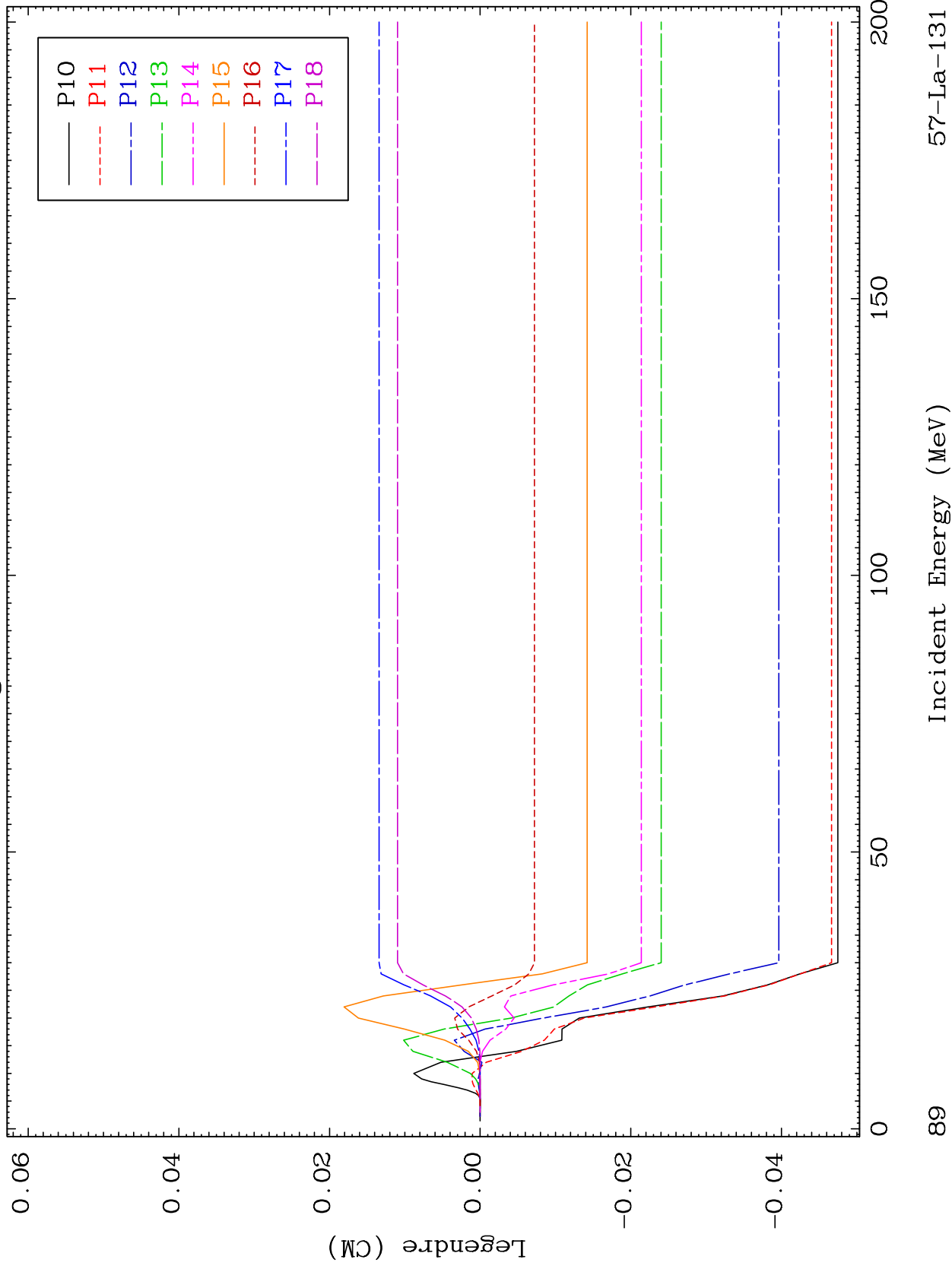




MAT 5704

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

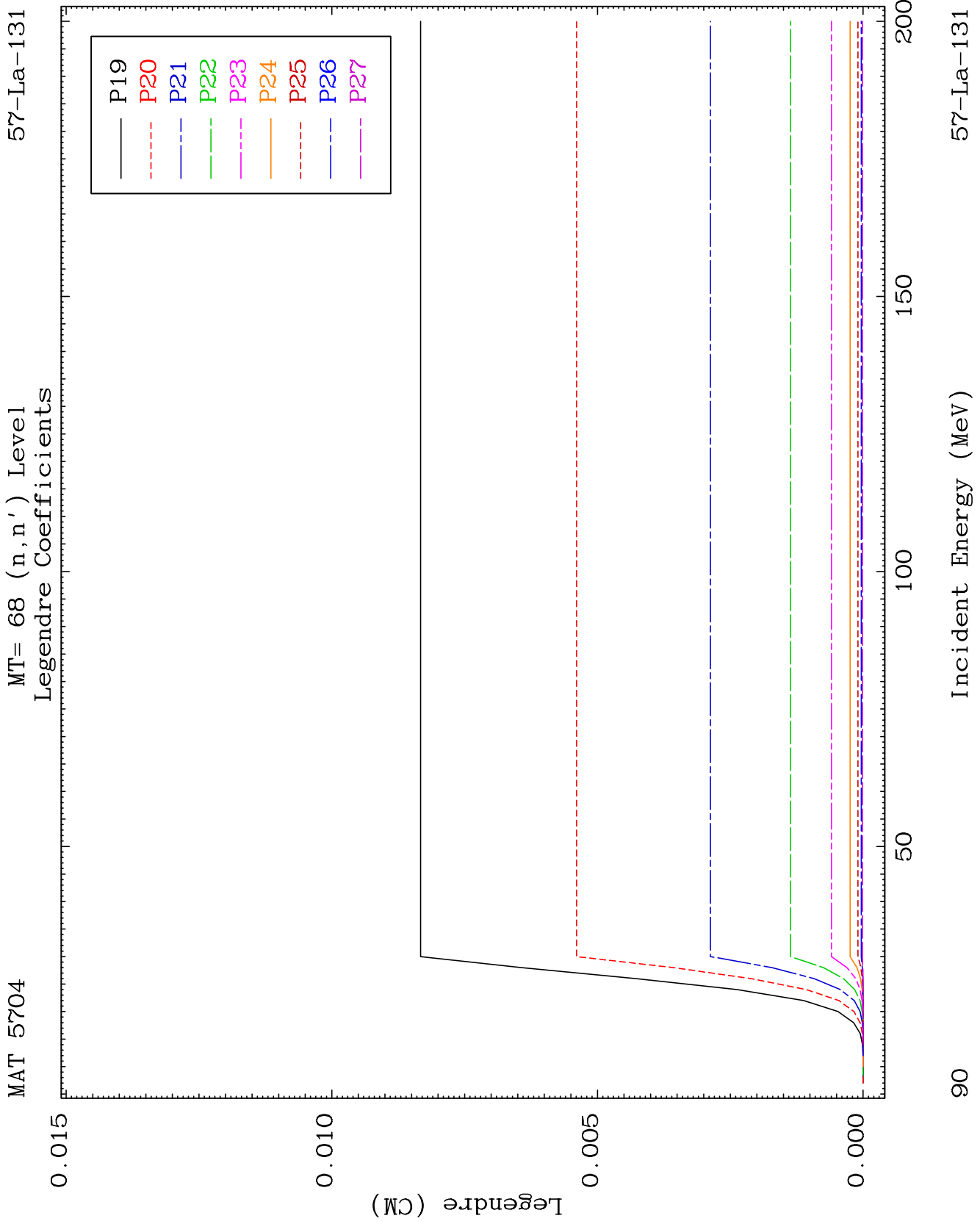
57-La-131



57-La-131

Incident Energy (MeV)

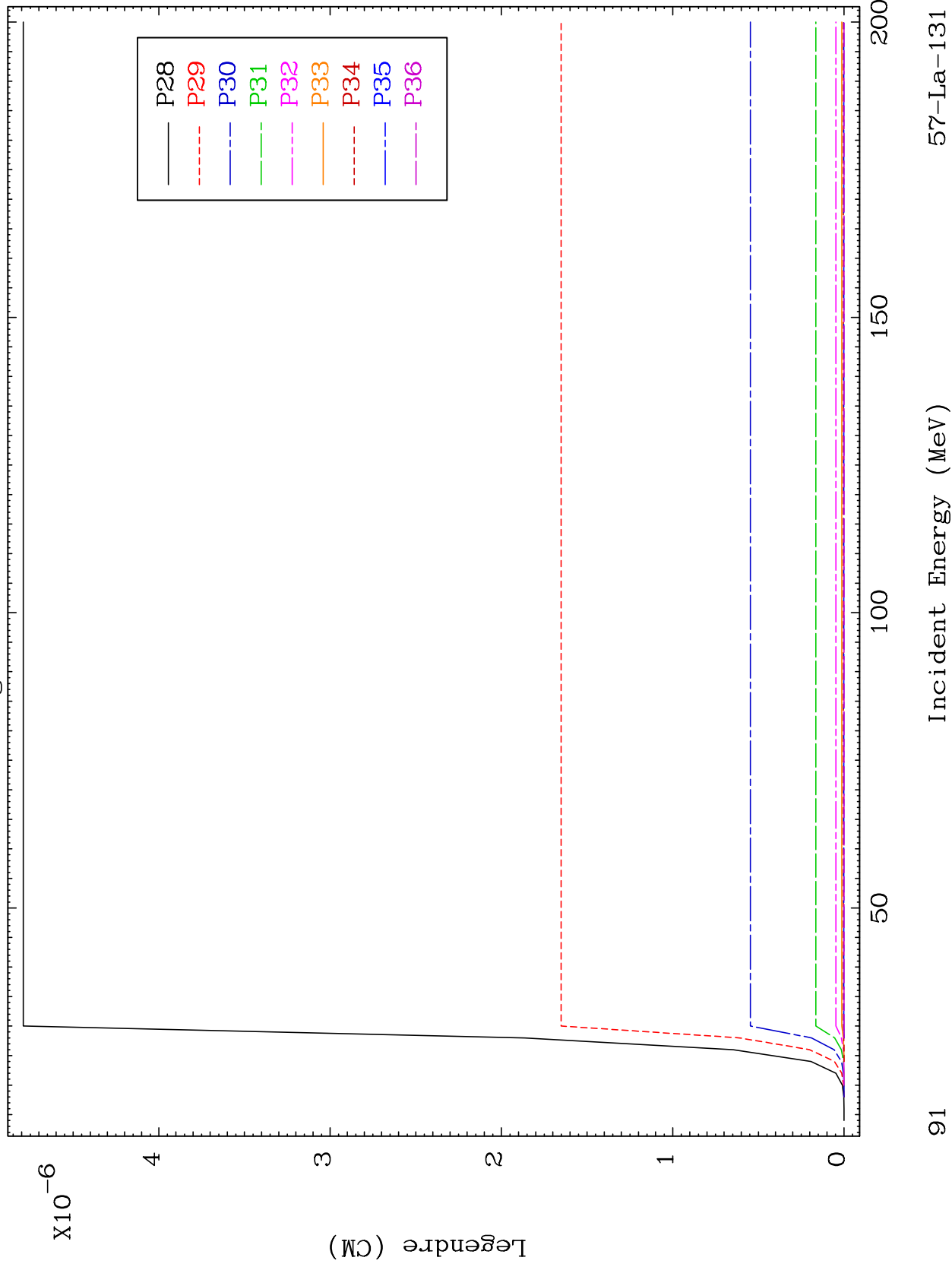
89



MAT 5704

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

57-La-131



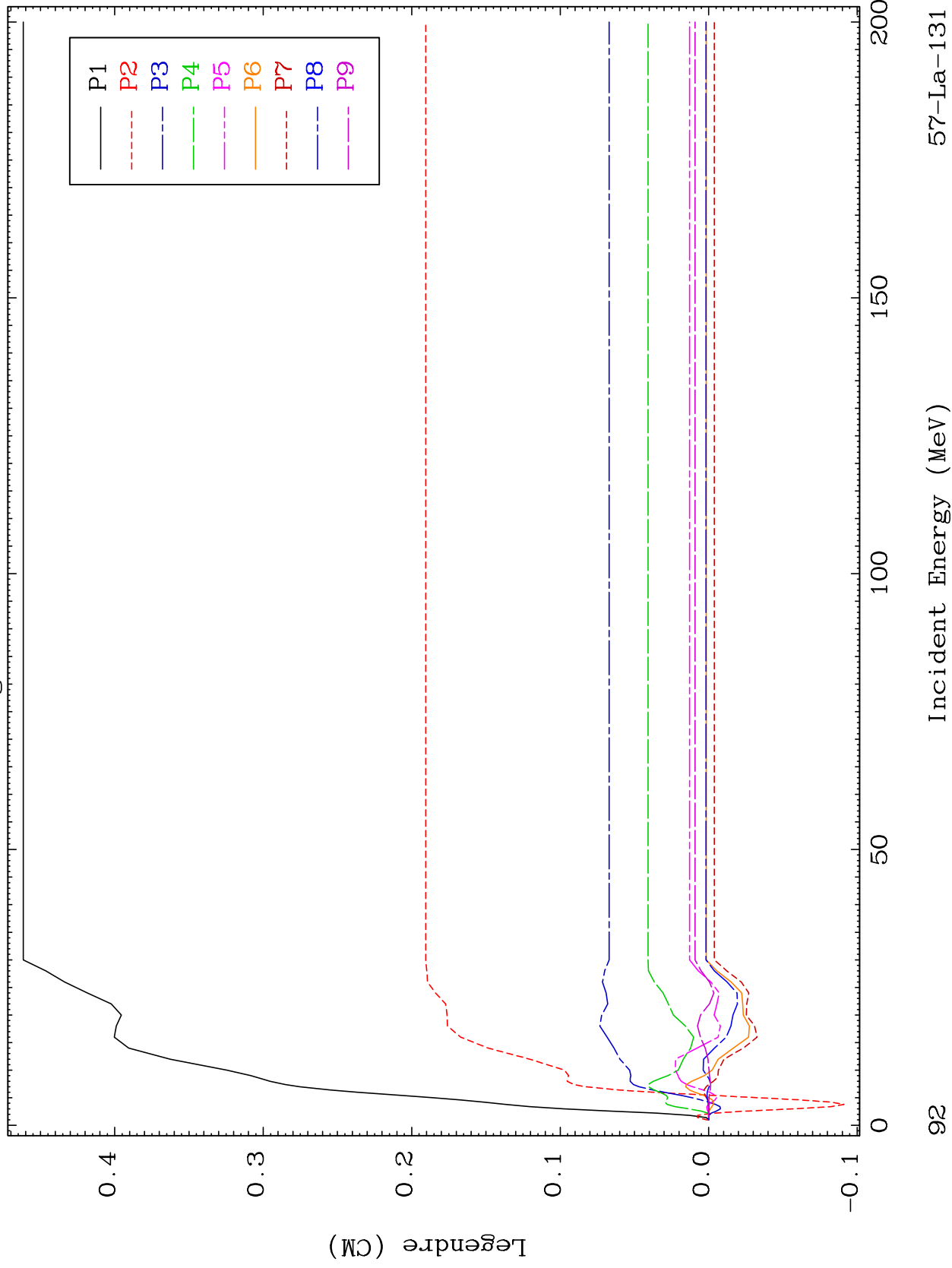
91

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MAT 5704

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

57-La-131



57-La-131

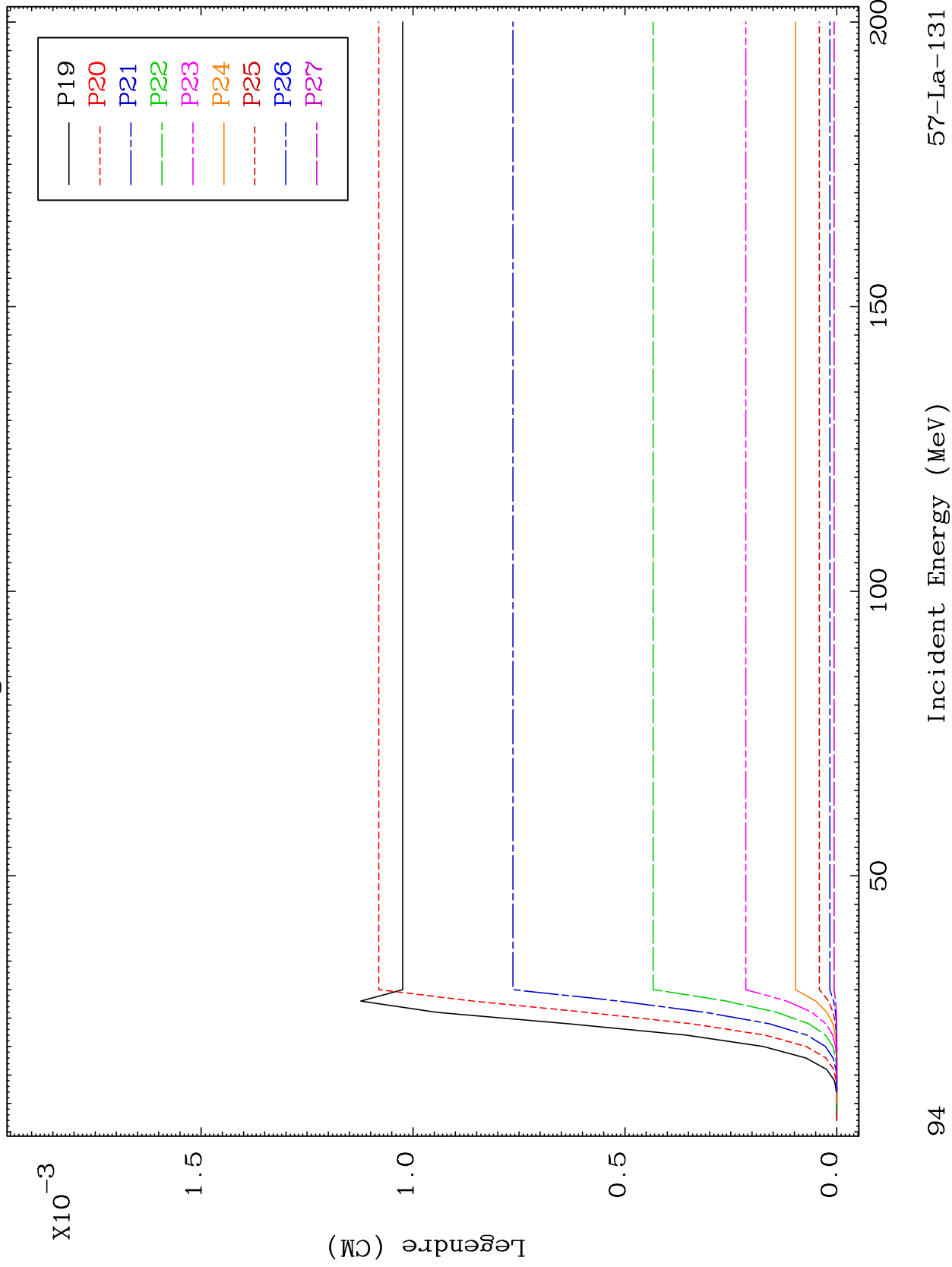
Incident Energy (MeV)

92

MAT 5704

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

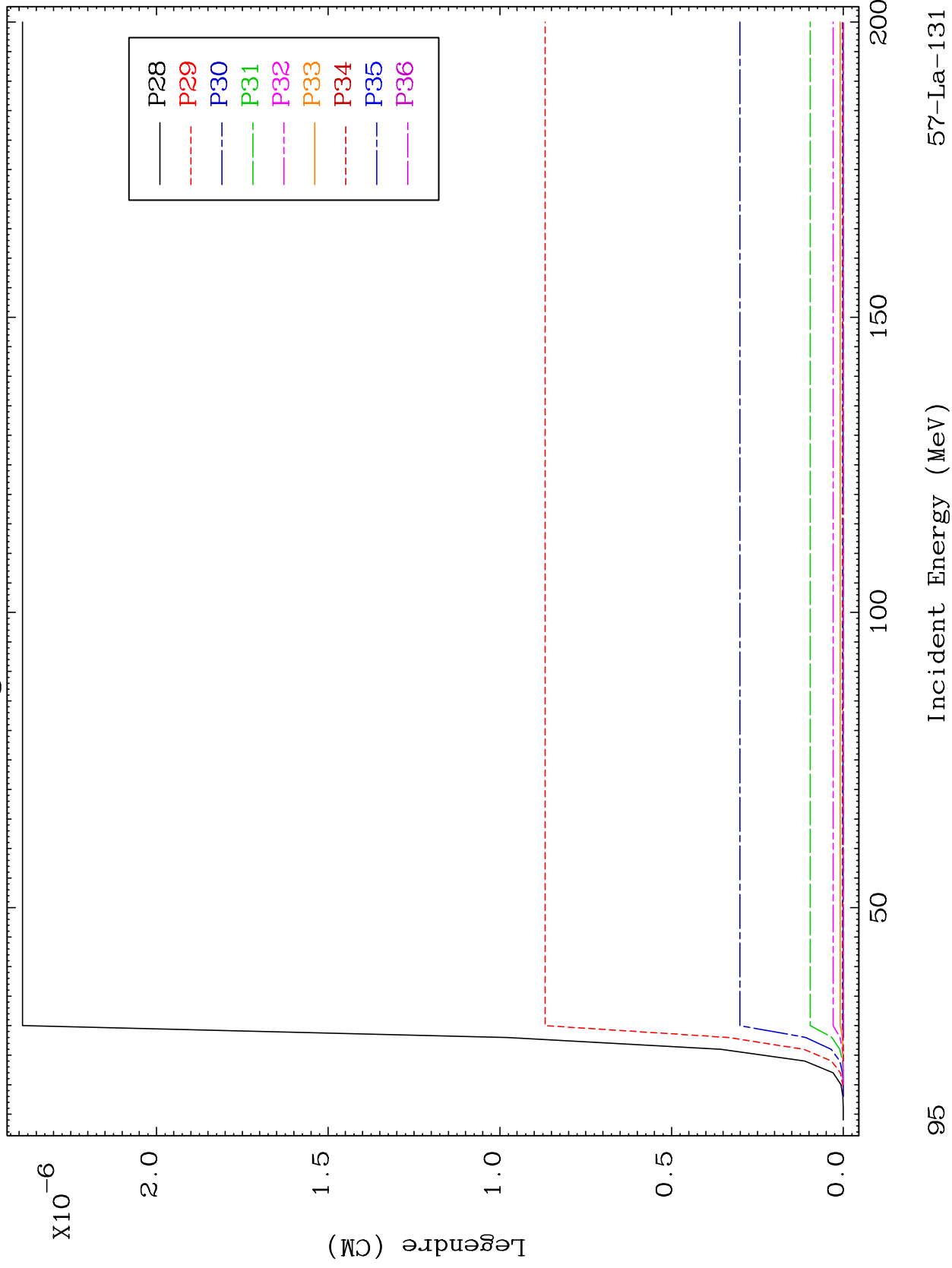
57-La-131



MAT 5704

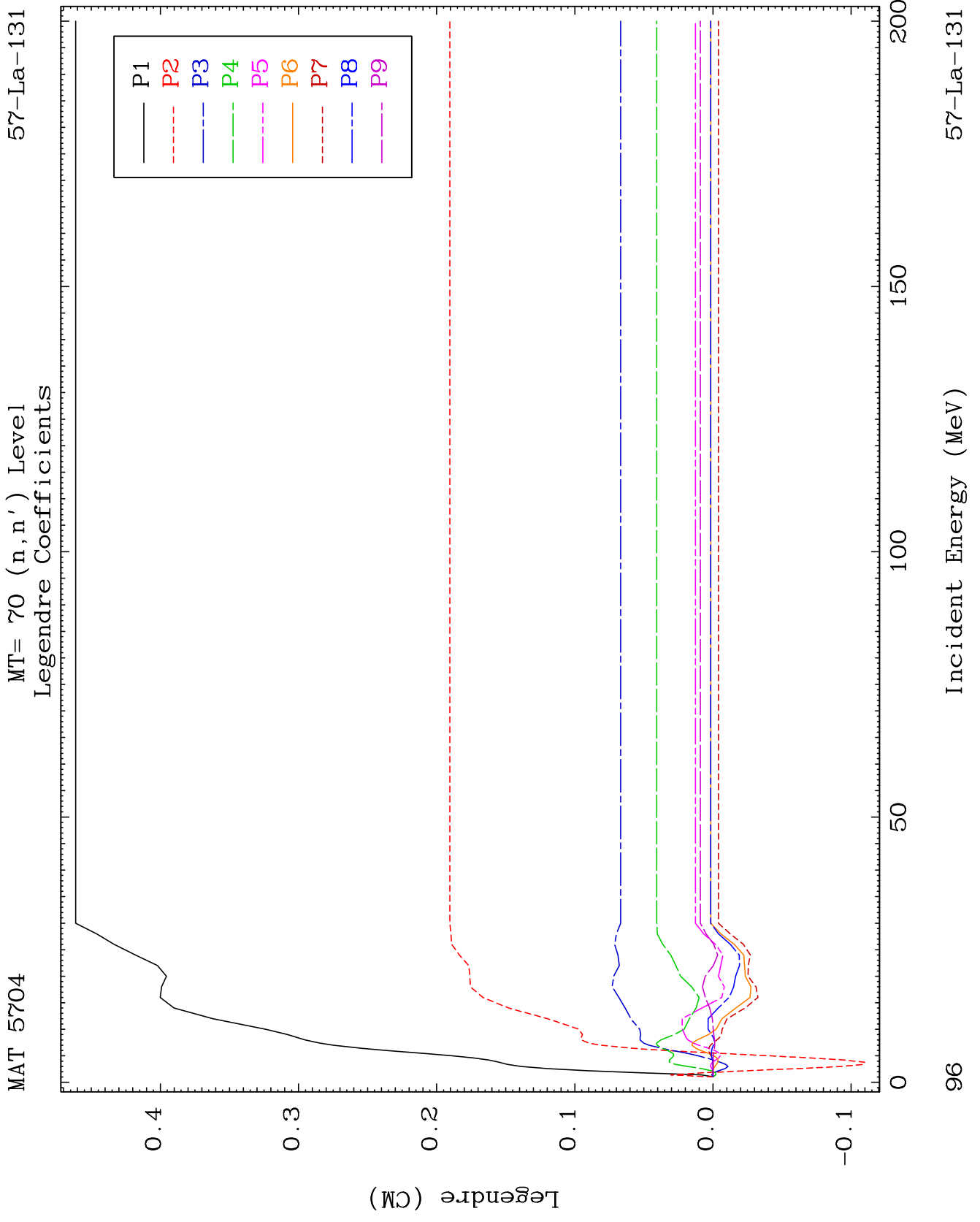
MT= 69 (n,n') Level
Legendre Coefficients

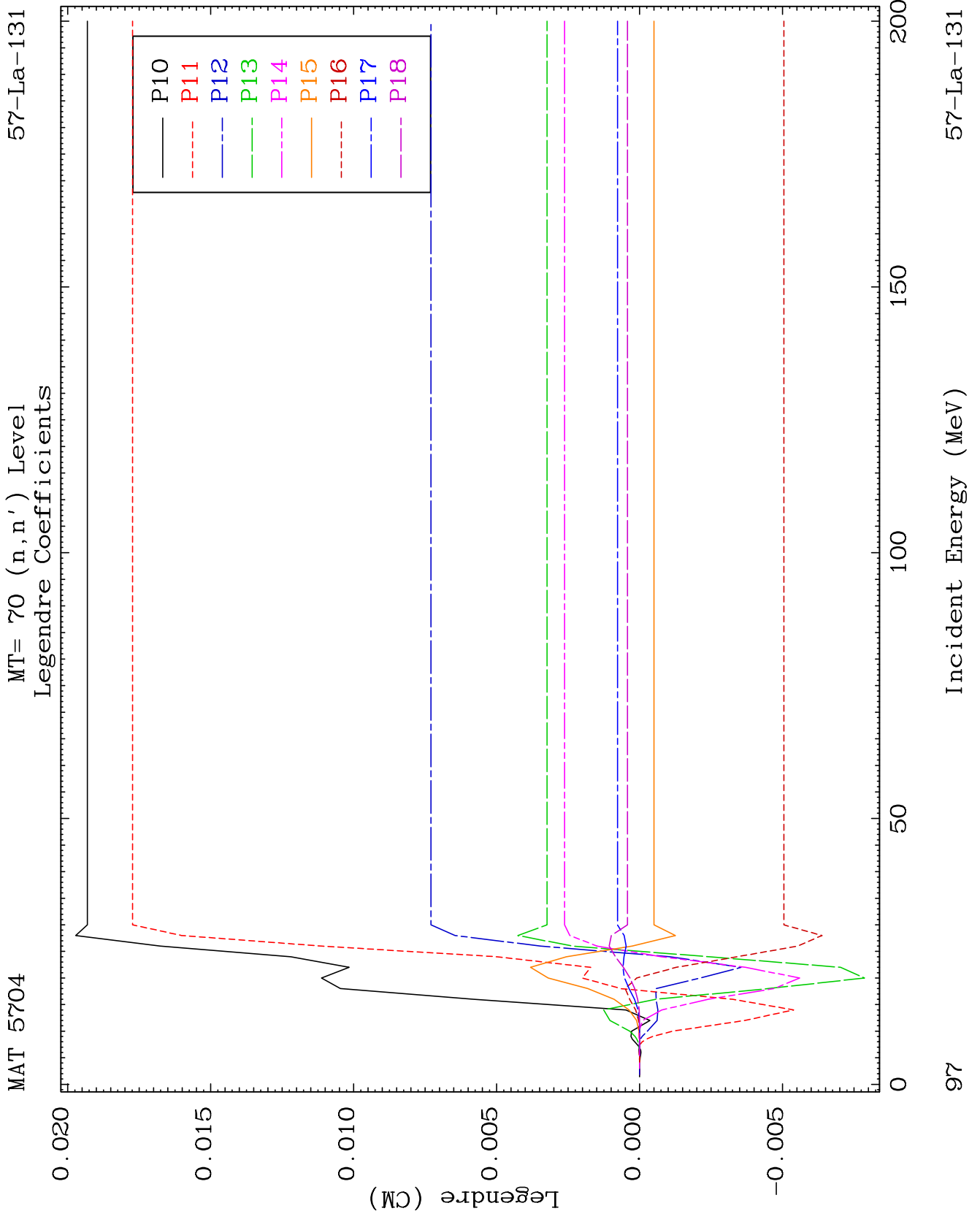
57-La-131



95

200

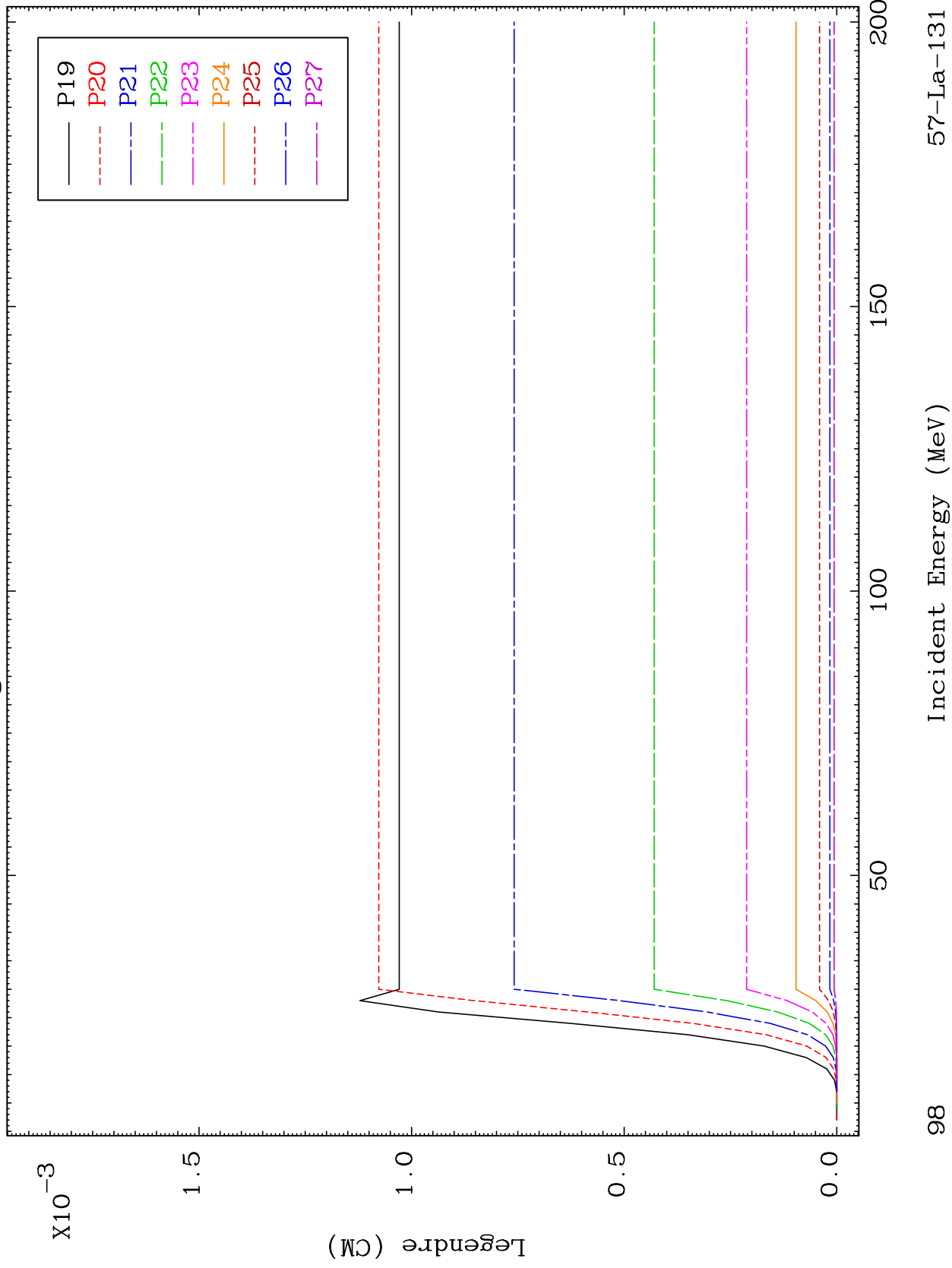




MAT 5704

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

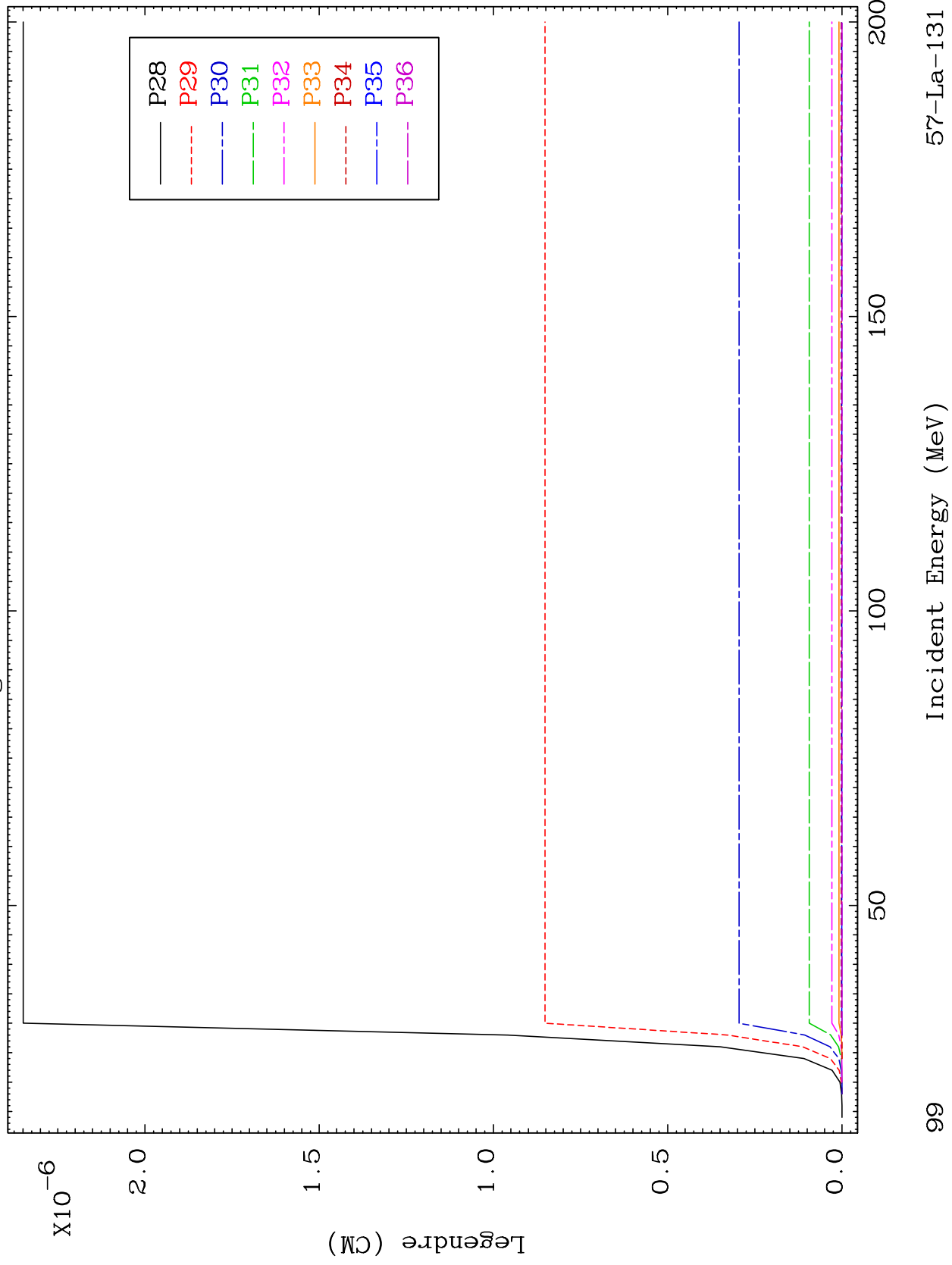
57-La-131



MAT 5704

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

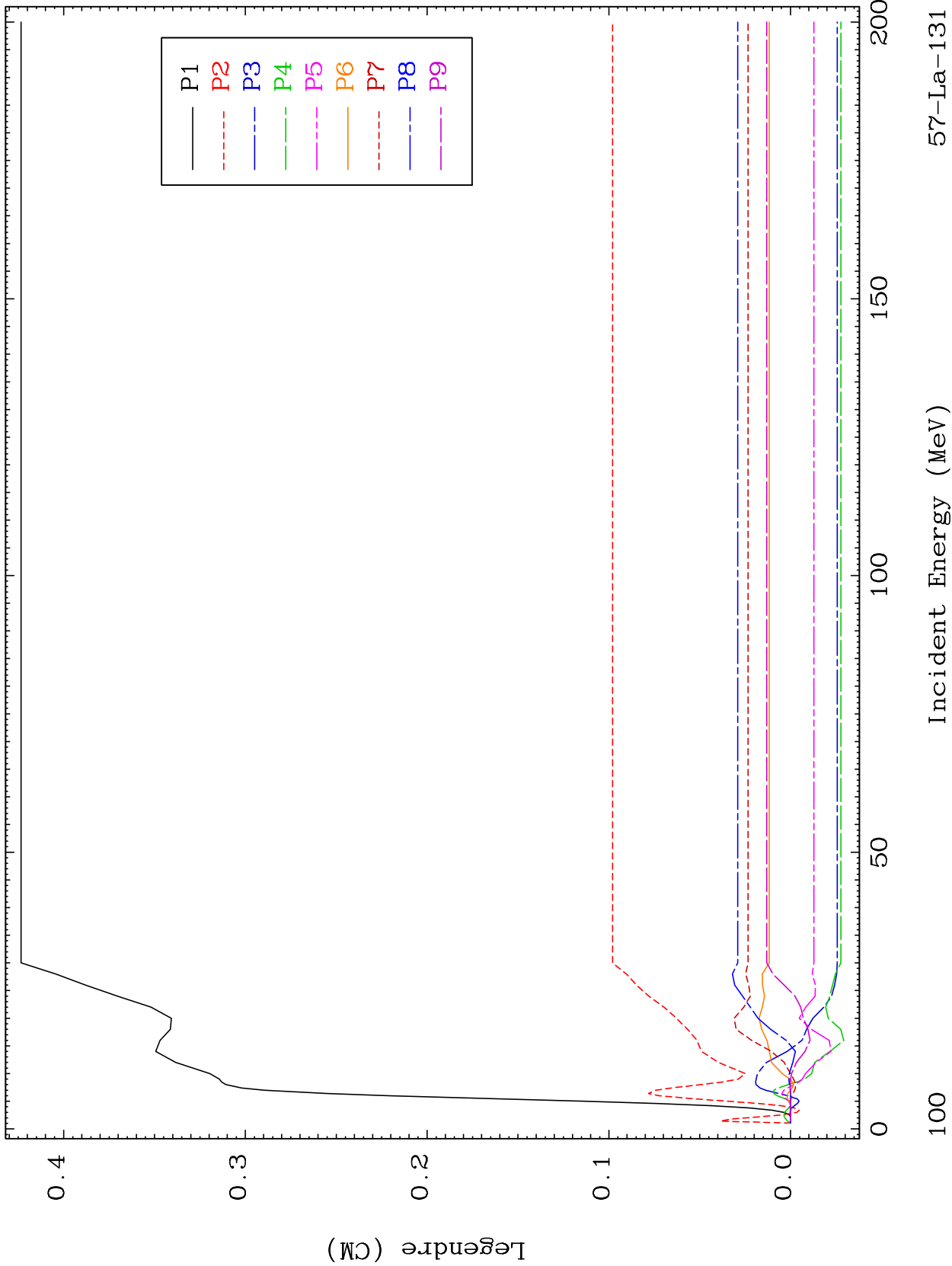
57-La-131



MAT 5704

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

57-La-131



57-La-131

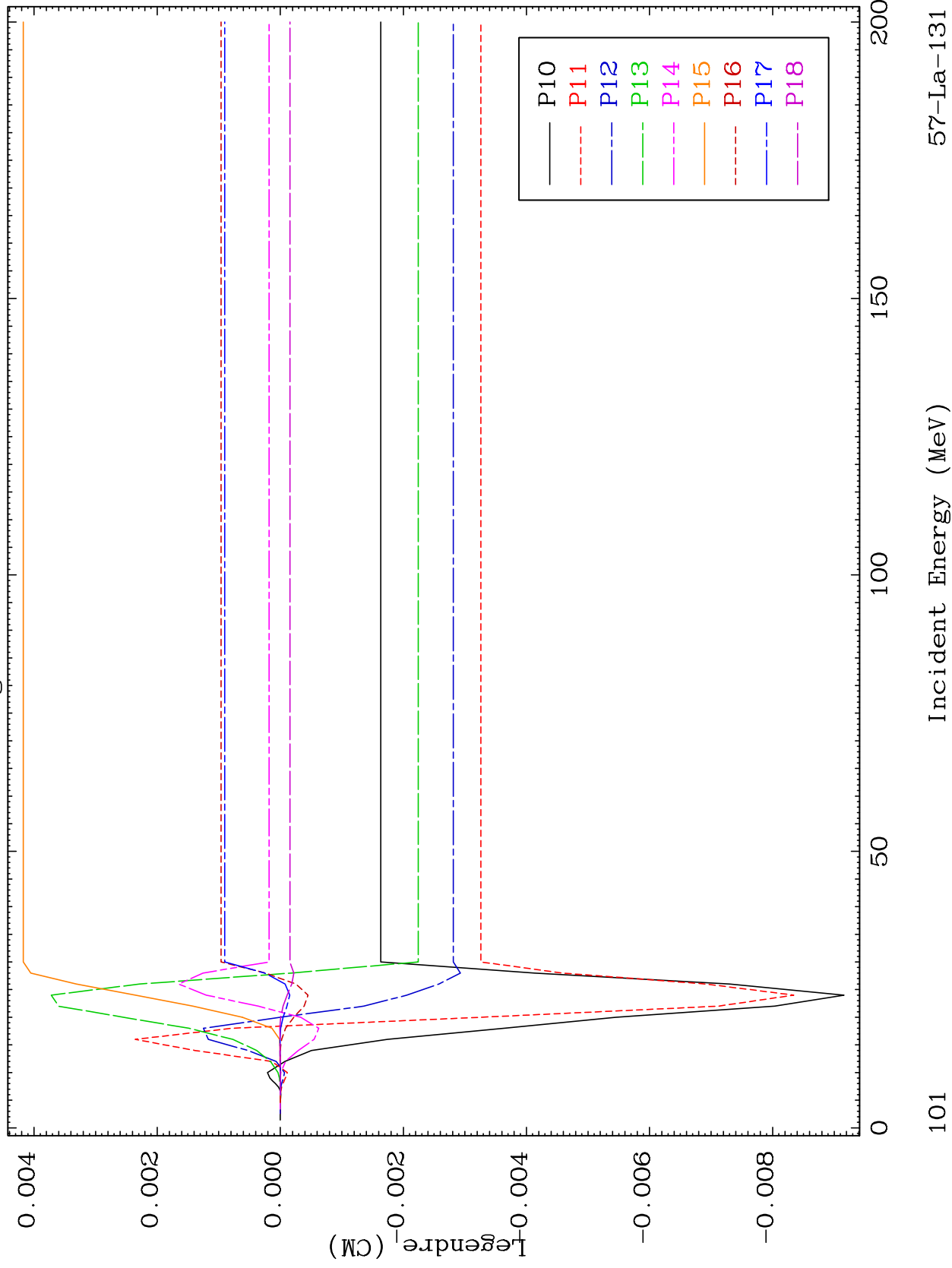
Incident Energy (MeV)

100

MAT 5704

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

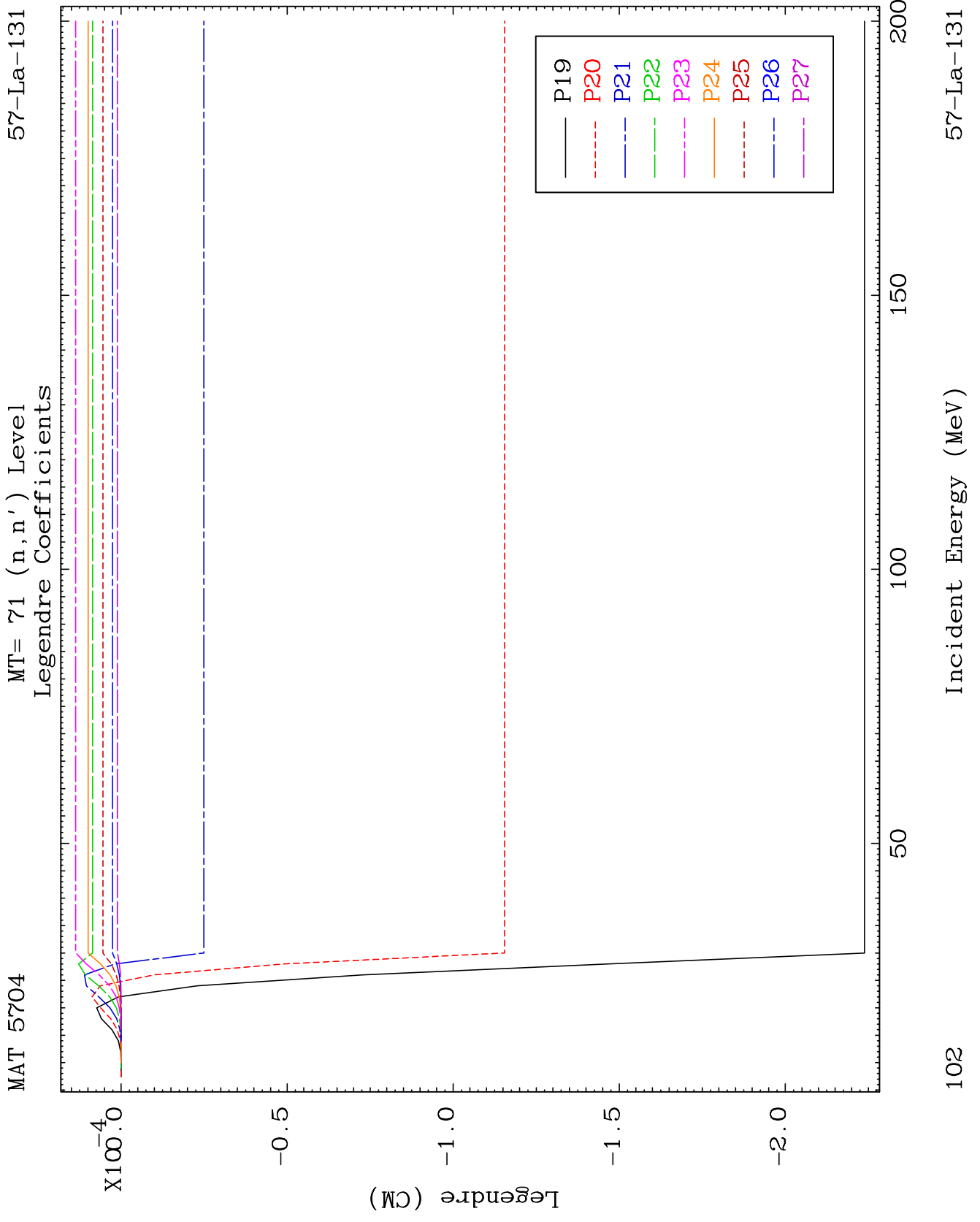
57-La-131



101

Incident Energy (MeV)

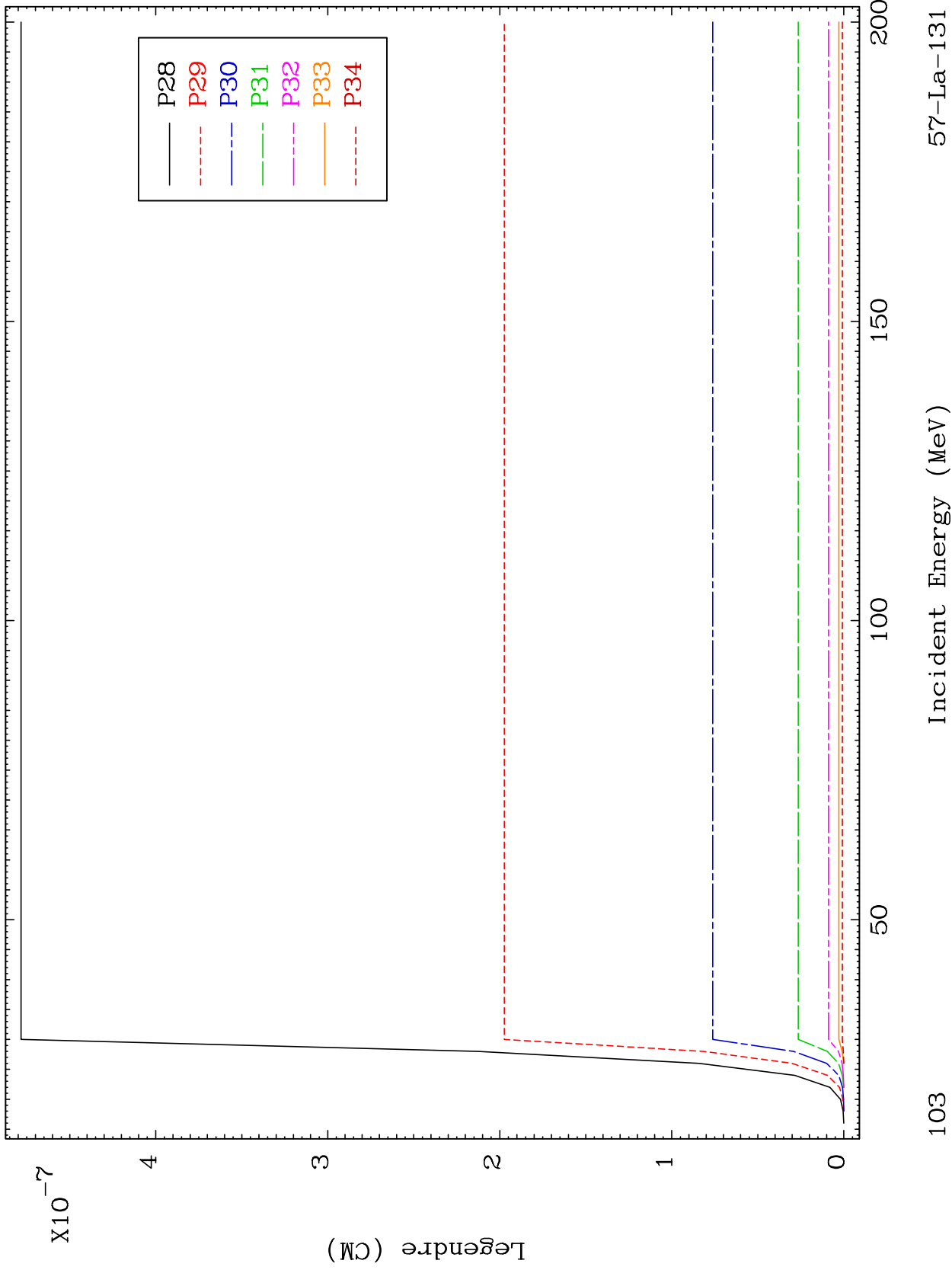
57-La-131



MAT 5704

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

57-La-131



103

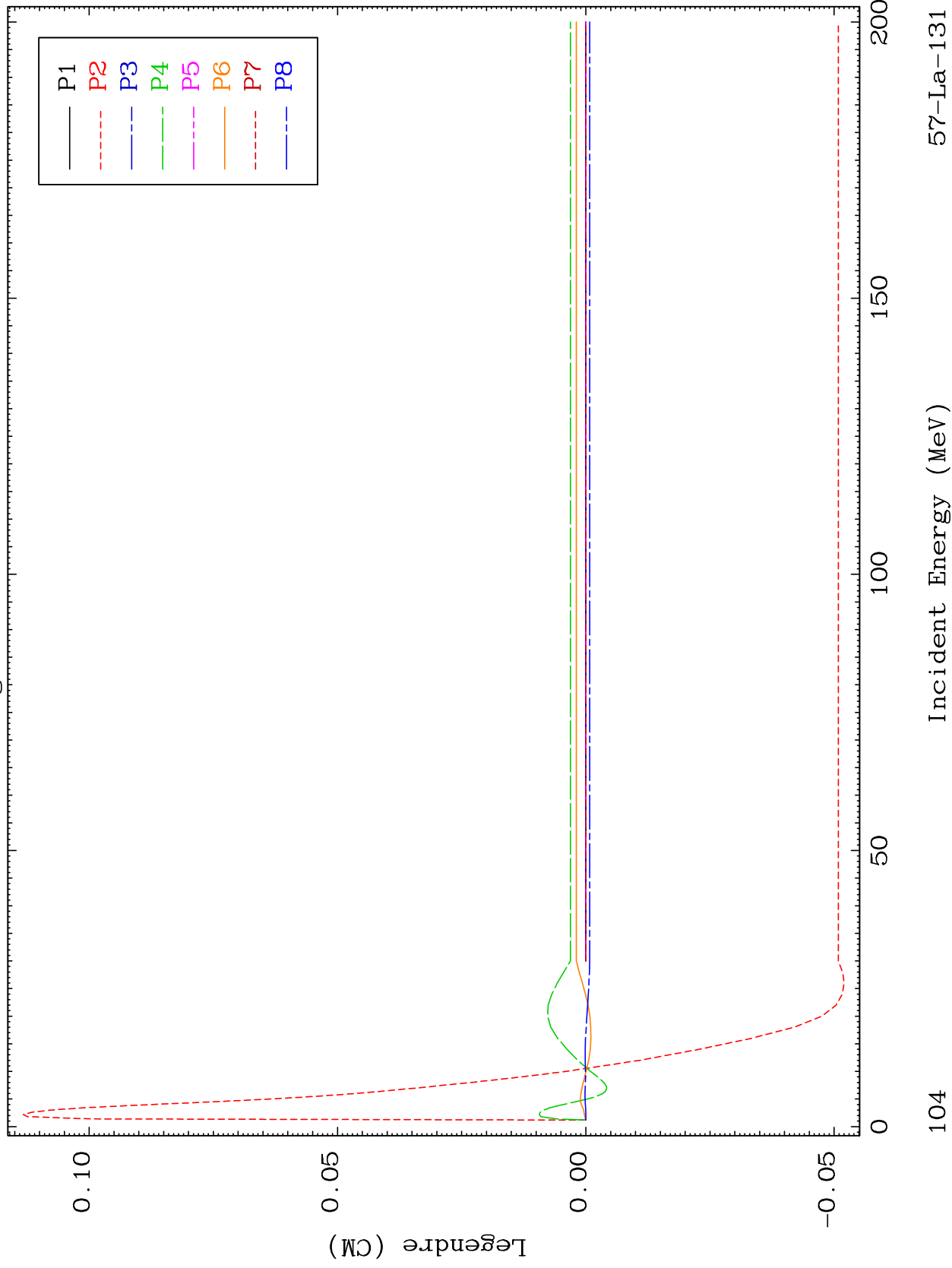
Incident Energy (MeV)

57-La-131

MAT 5704

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

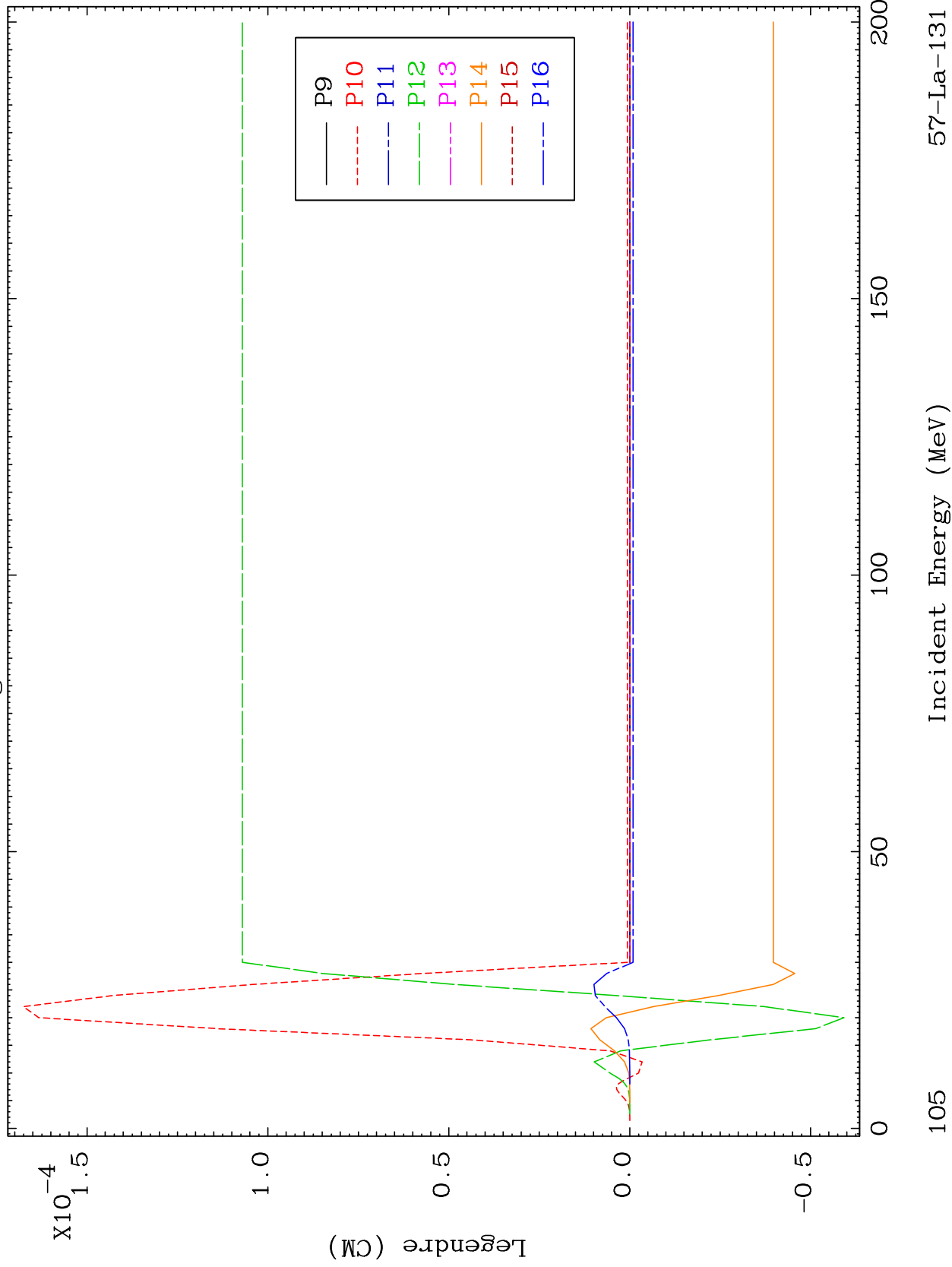
57-La-131



MAT 5704

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

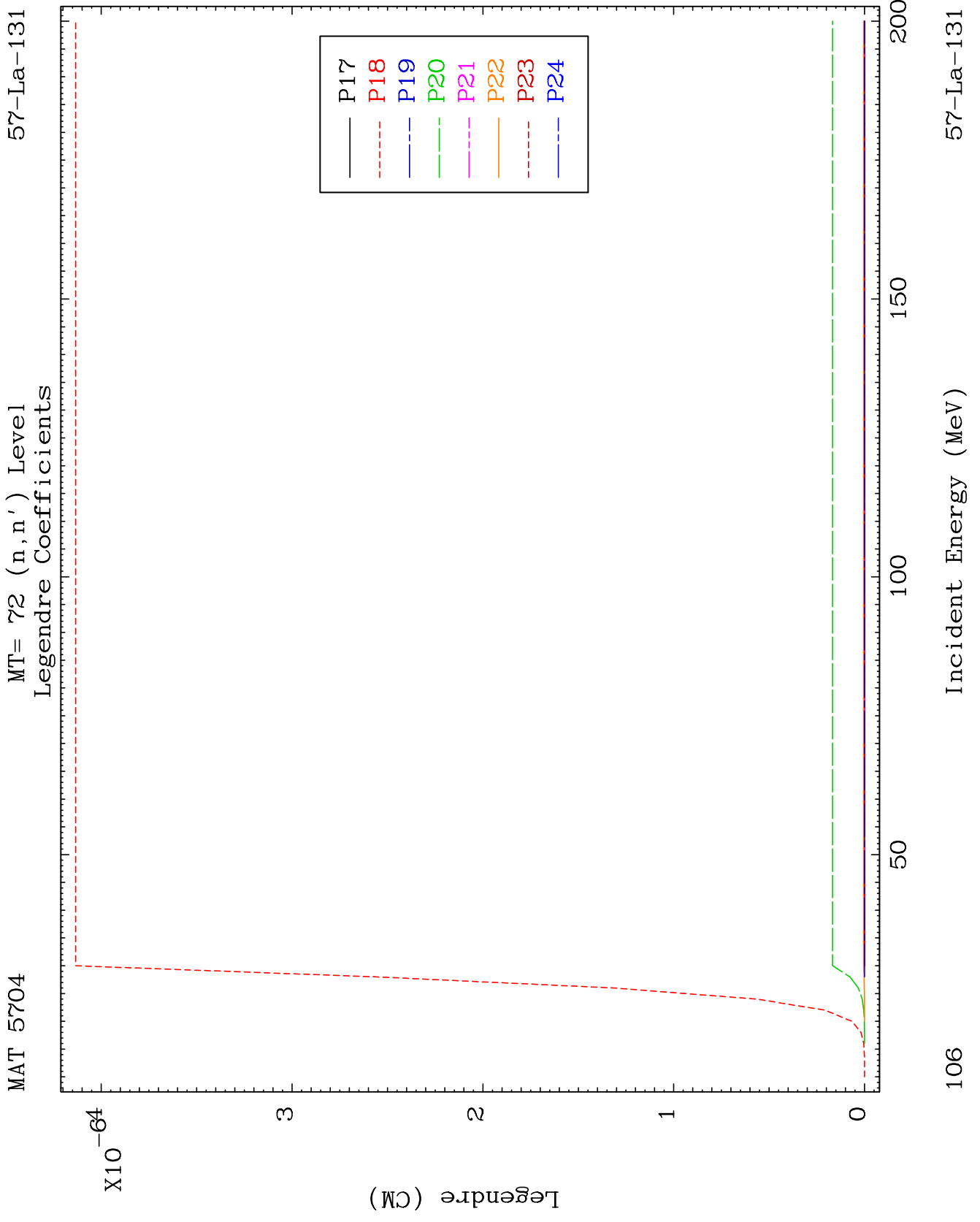
57-La-131



57-La-131

Incident Energy (MeV)

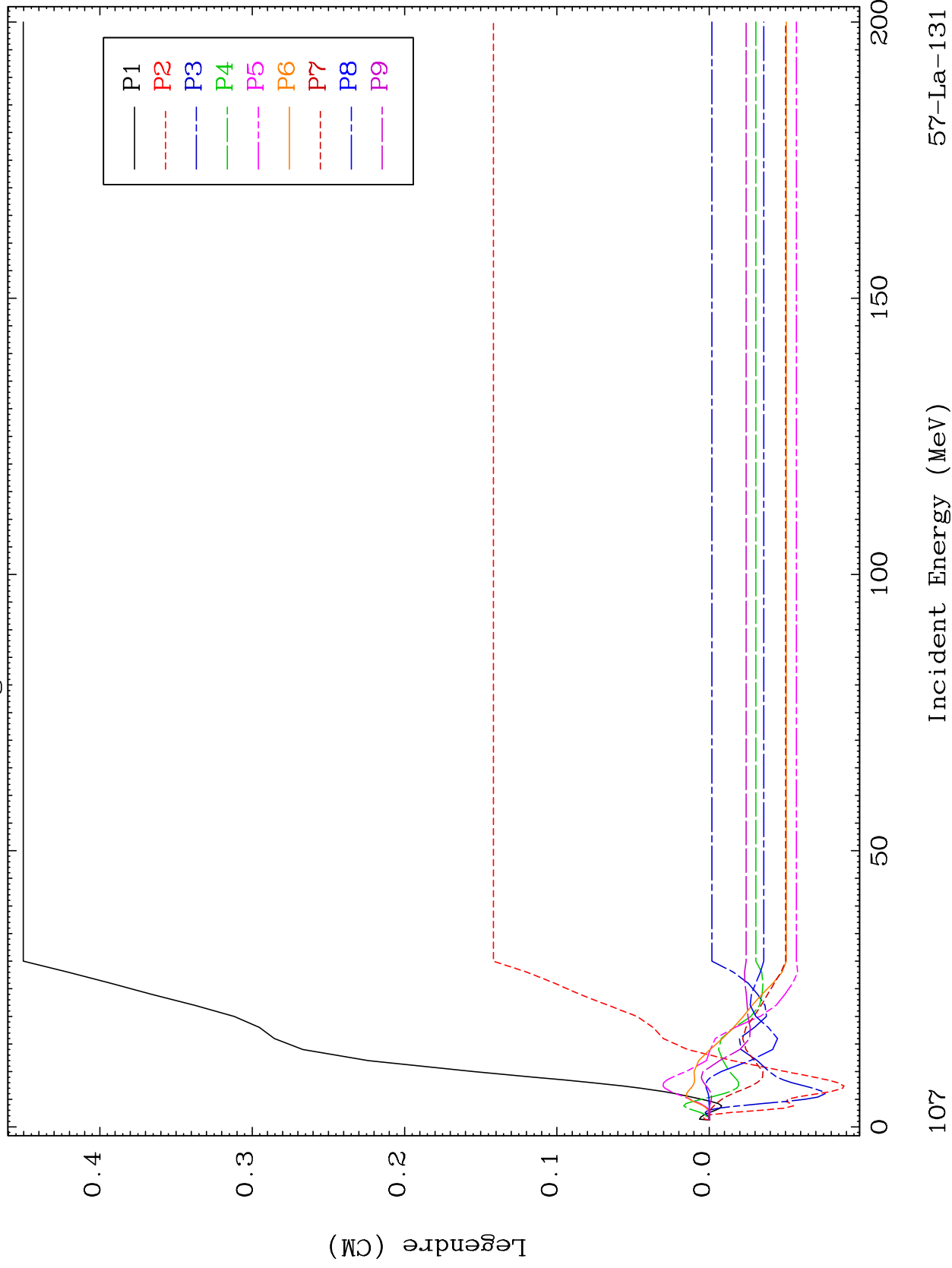
105



MAT 5704

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

57-La-131



57-La-131

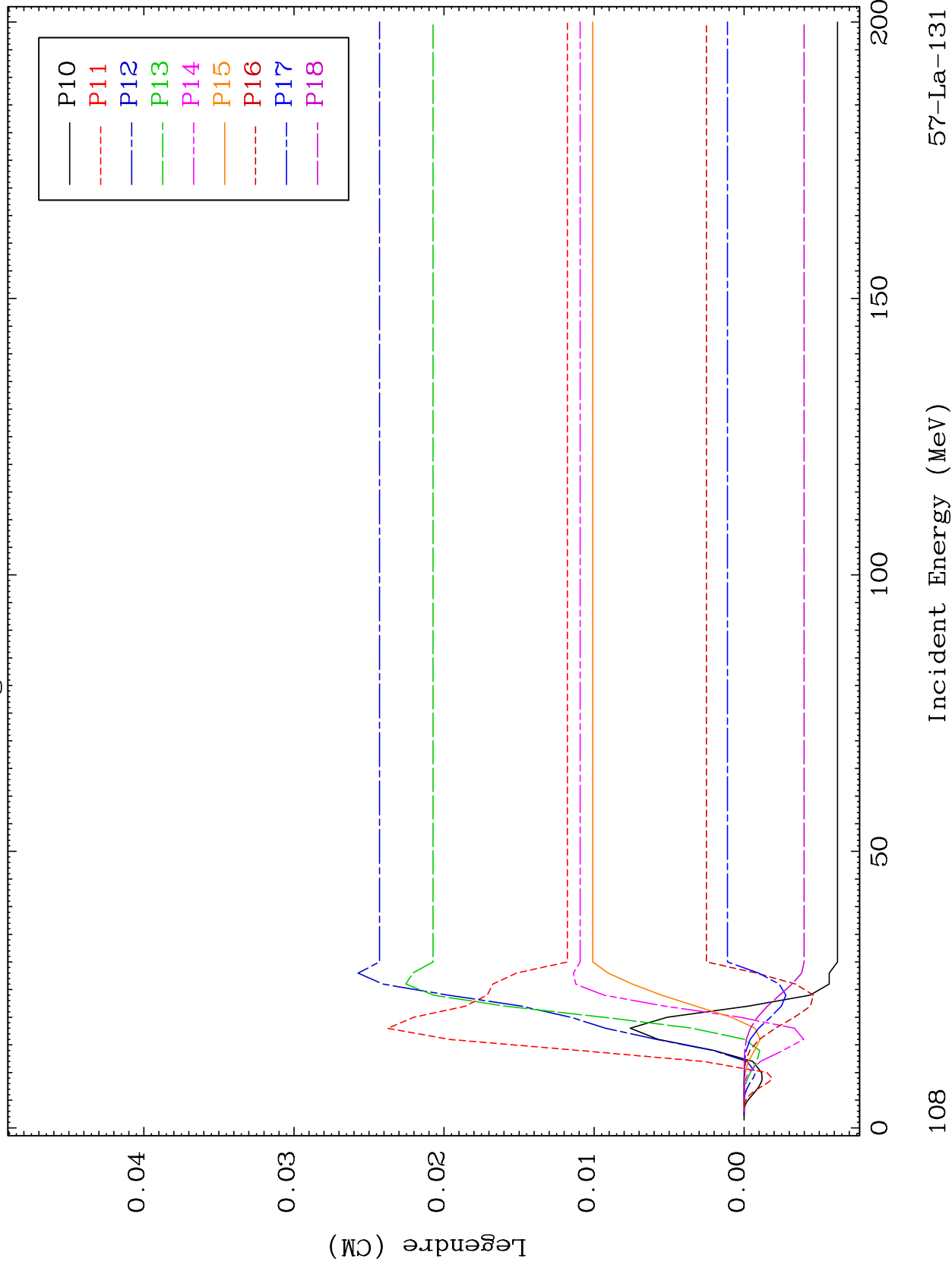
Incident Energy (MeV)

107

MAT 5704

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

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108

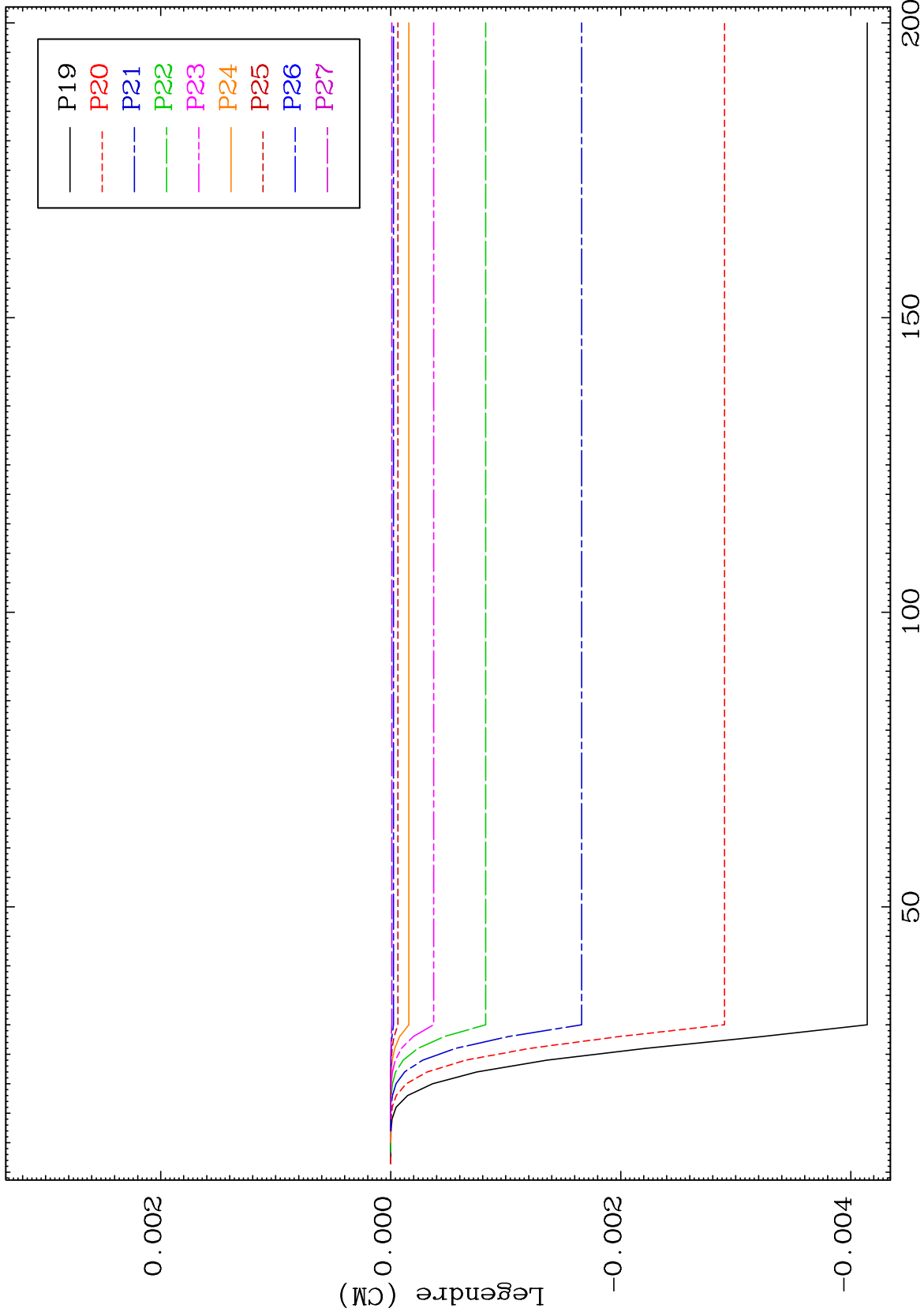
Incident Energy (MeV)

57-La-131

MAT 5704

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

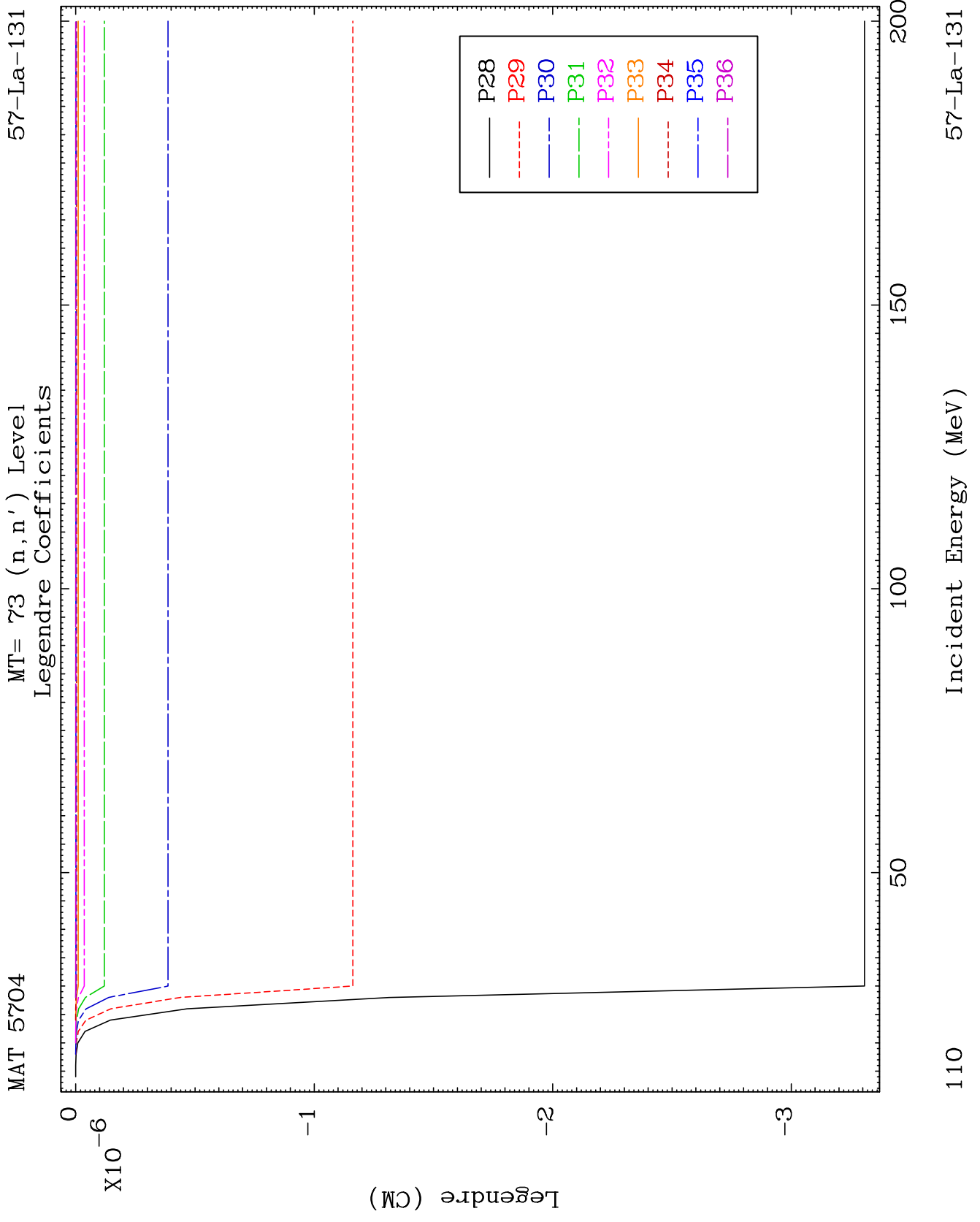
57-La-131



109

Incident Energy (MeV)

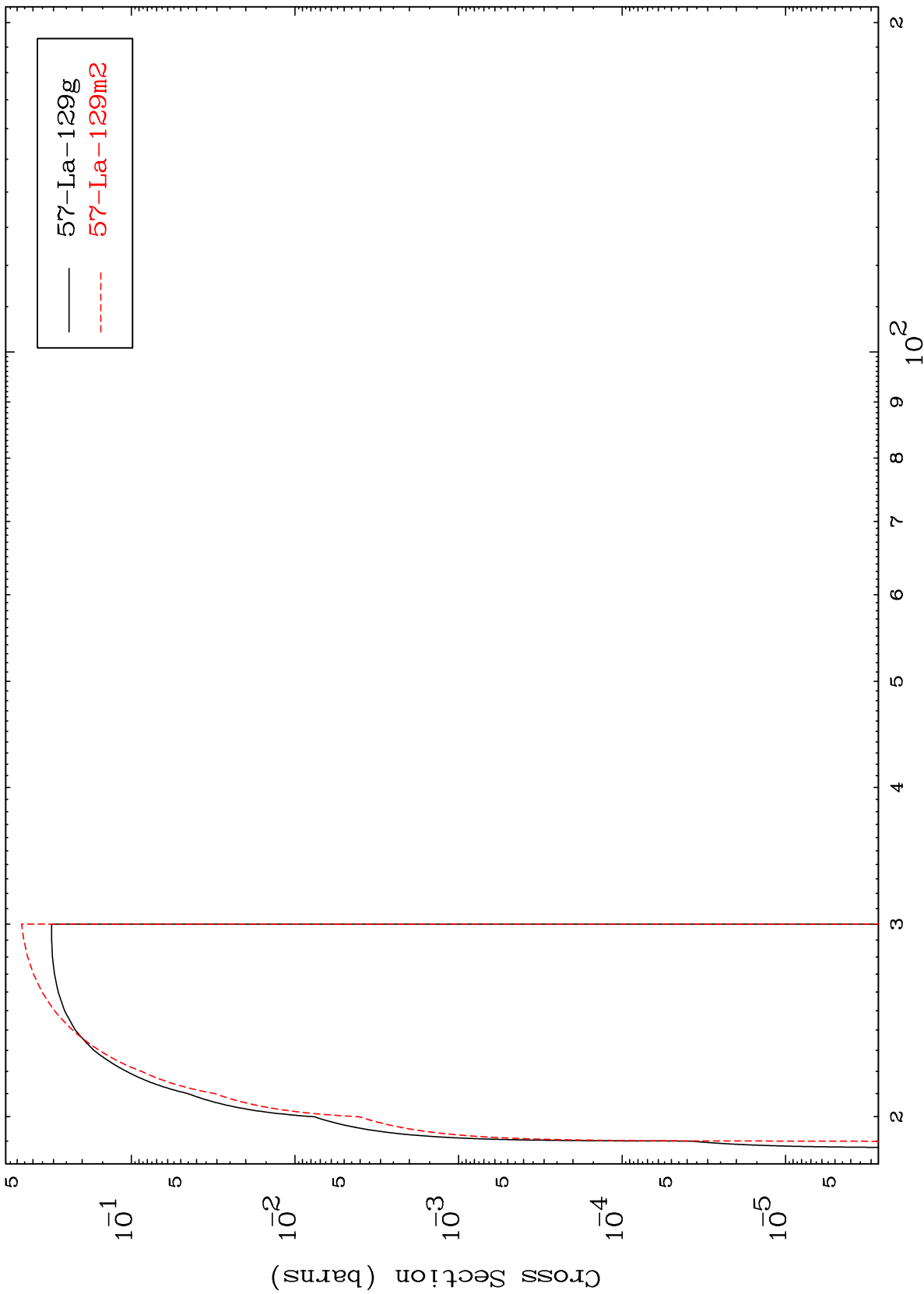
57-La-131



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(n,3n)
Radionuclide Production Cross Section

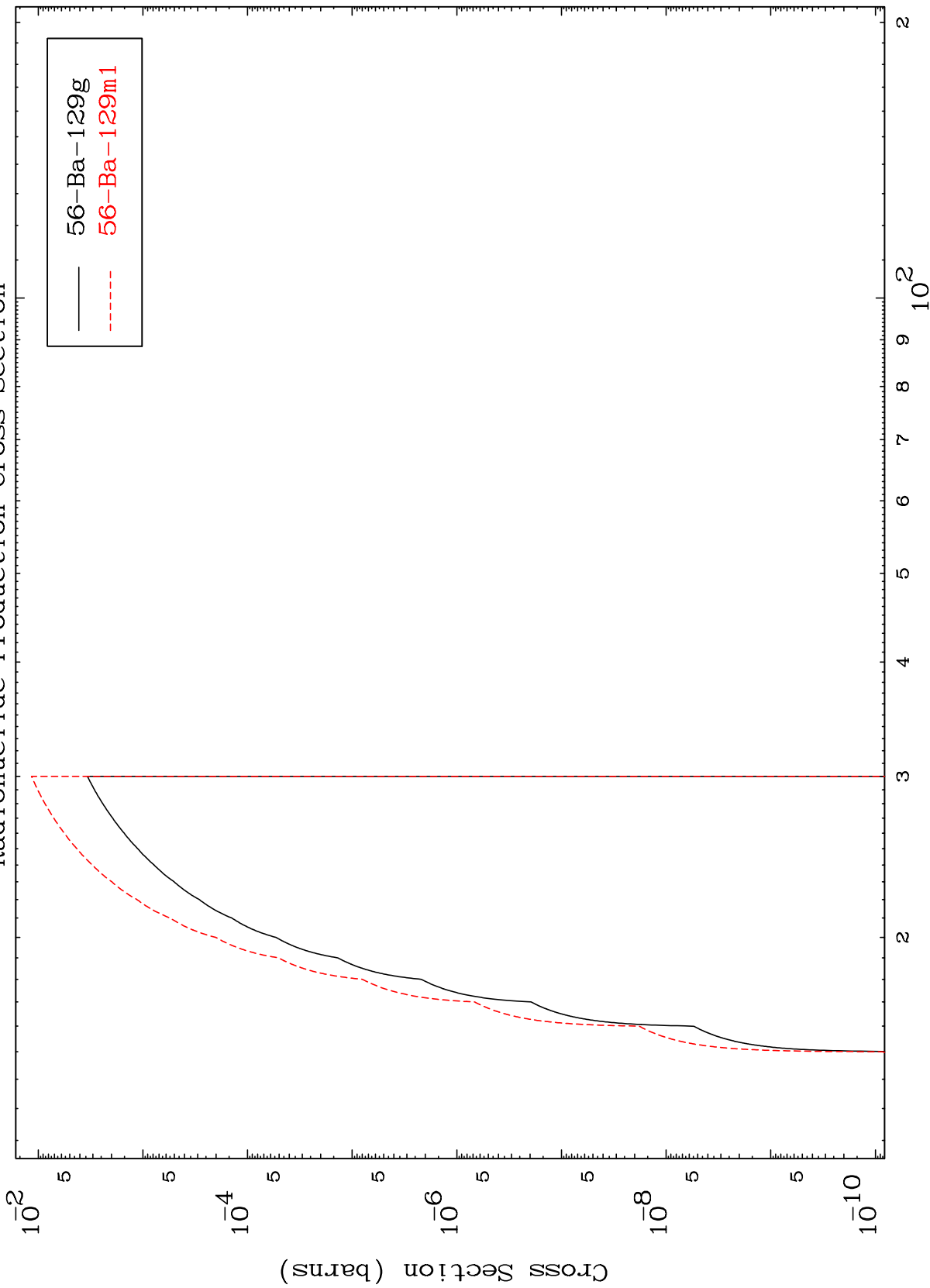


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Incident Energy (MeV)

Radionuclide Production Cross Section

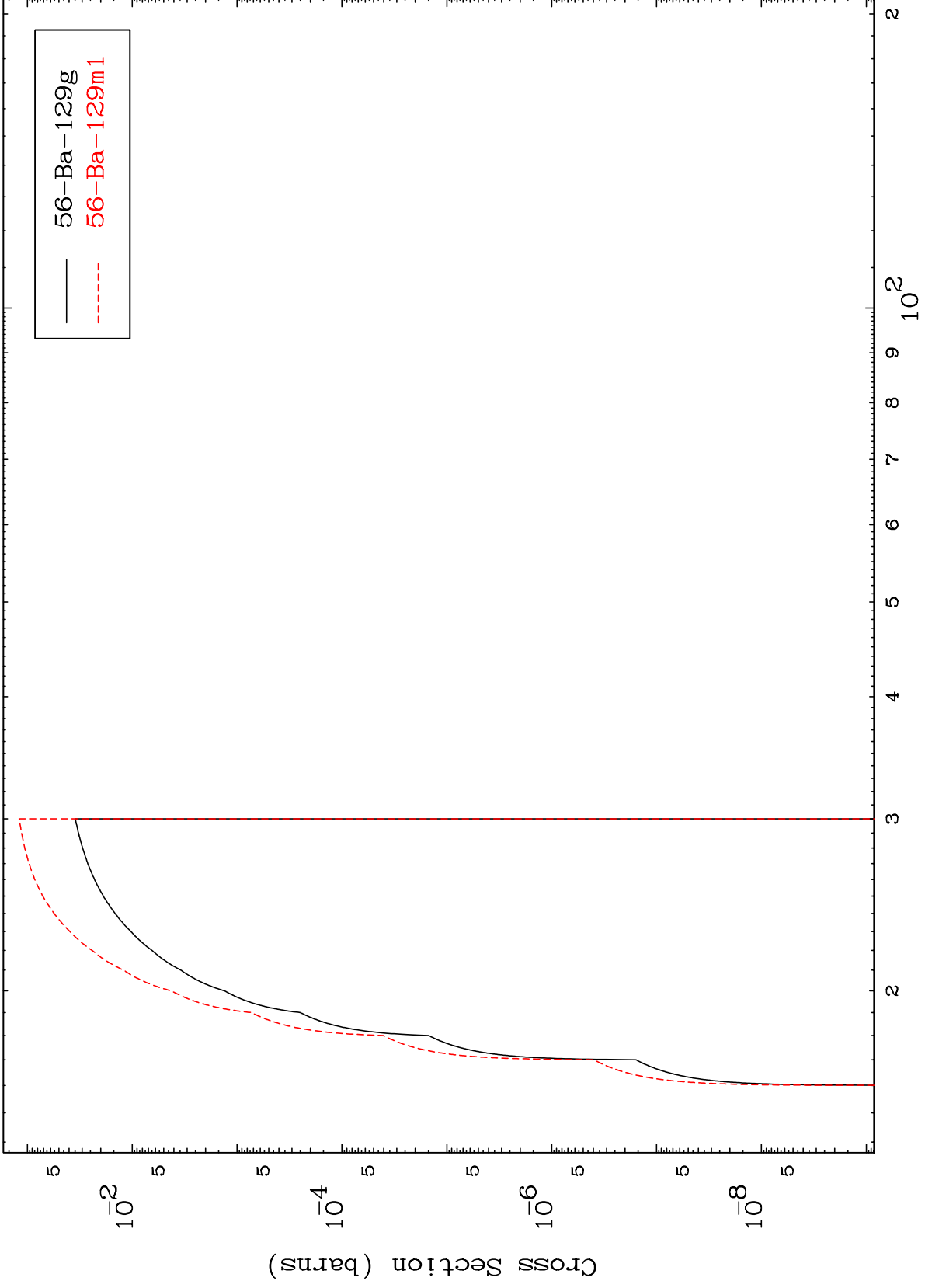


MAT 5704

(n,2n) p

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Radionuclide Production Cross Section



113

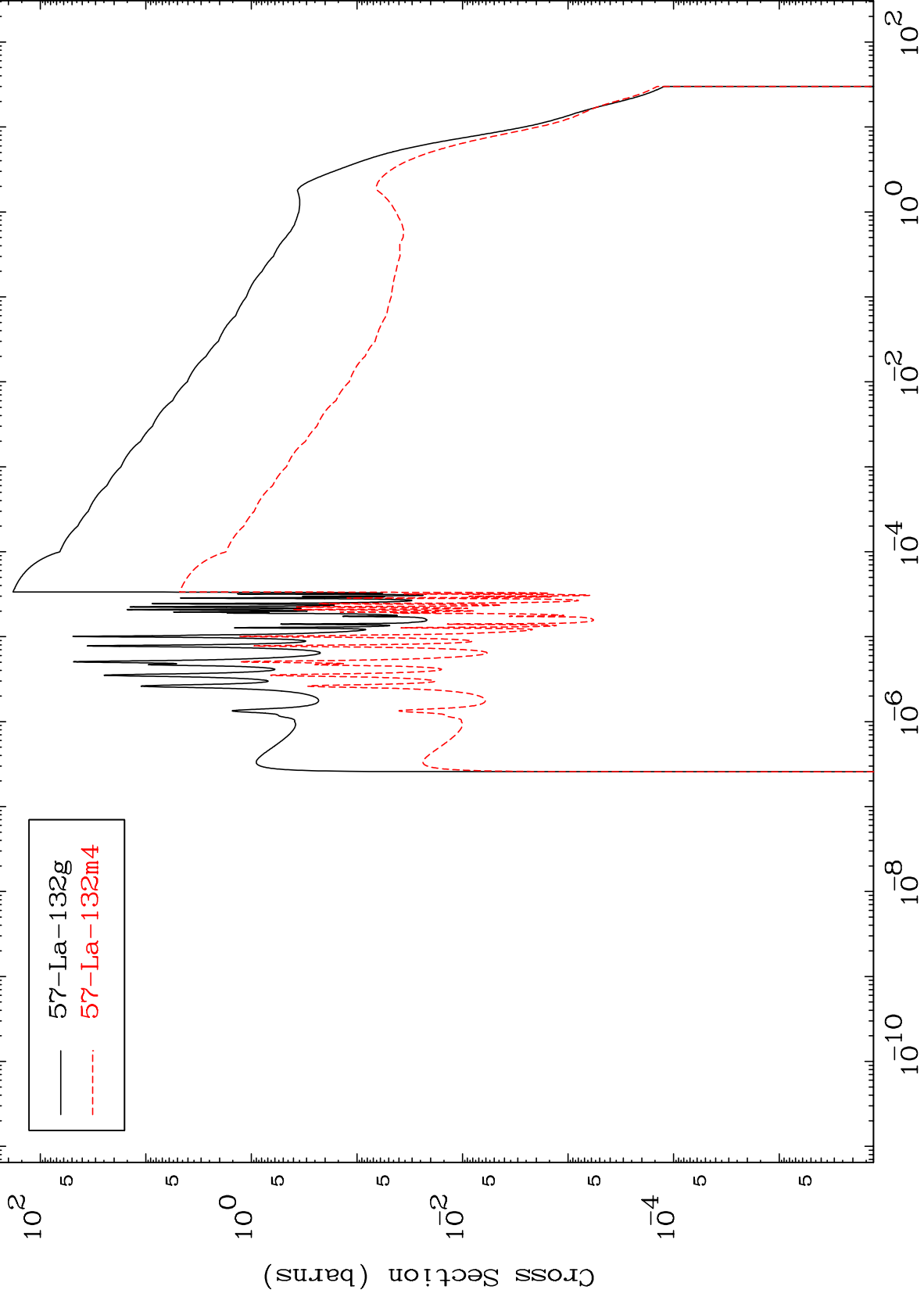
Incident Energy (MeV)

57-La-131

MAT 5704

57-La-131

Radionuclide Production Cross Section



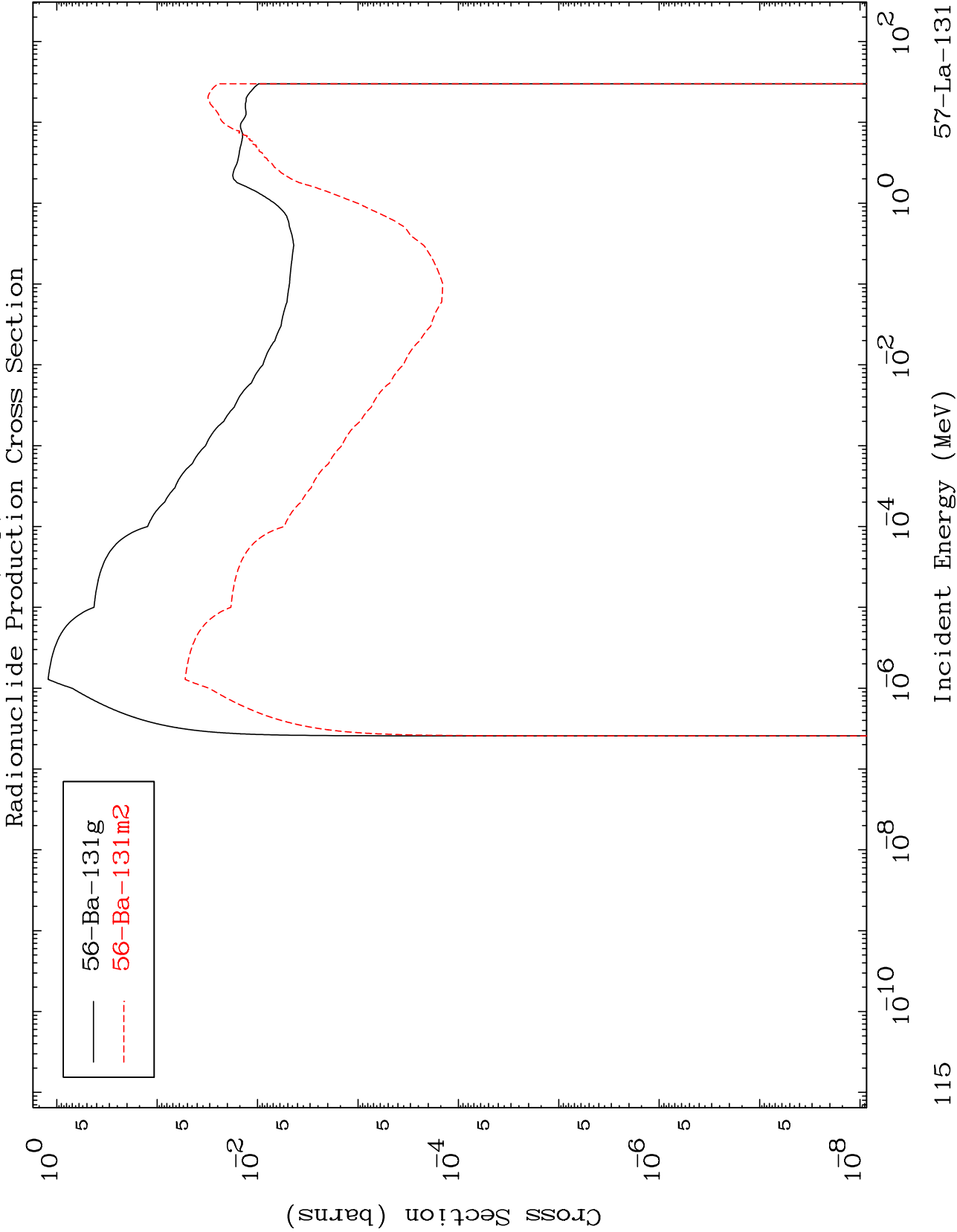
57-La-131

Incident Energy (MeV)

114

MAT 5704

57-La-131



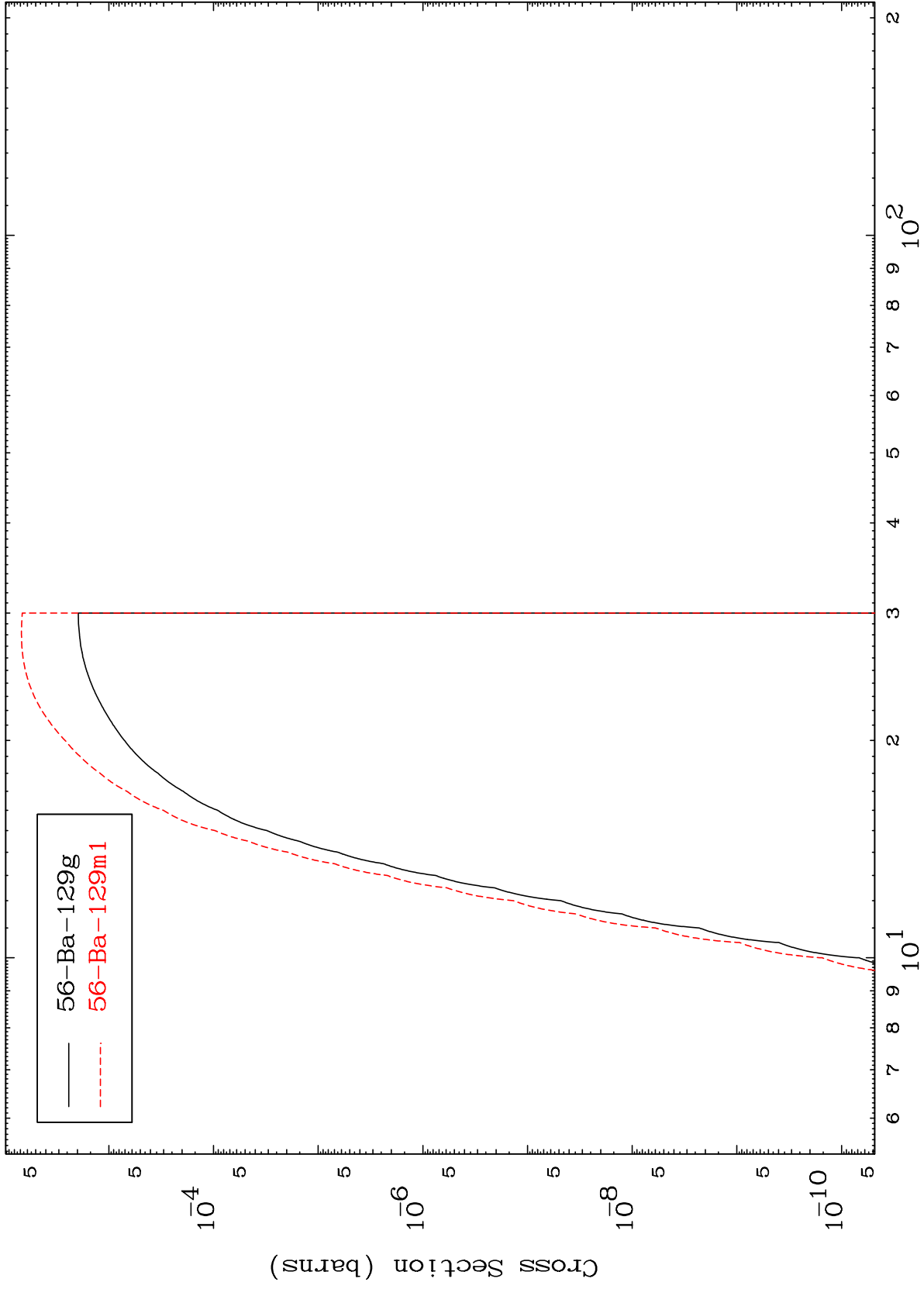
115

57-La-131

MAT 5704

57-La-131

(n, t)
Radionuclide Production Cross Section



57-La-131

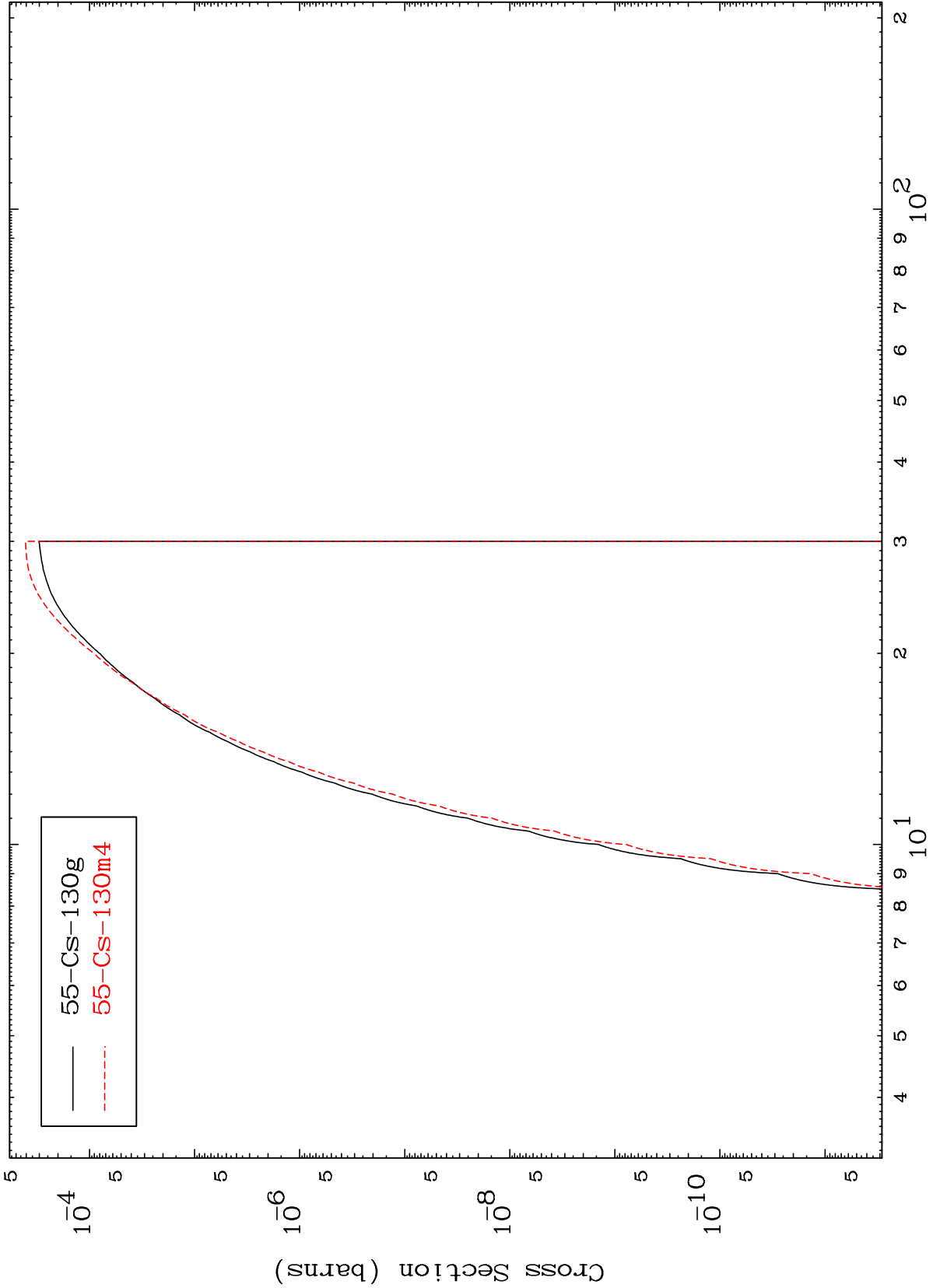
Incident Energy (MeV)

116

MAT 5704

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(n,2p)
Radionuclide Production Cross Section



117

Incident Energy (MeV)

57-La-131

MAT 5704

(n,p) α

57-La-131

Radionuclide Production Cross Section

