

Program EVALPLOT
(Version 2018-1)

by

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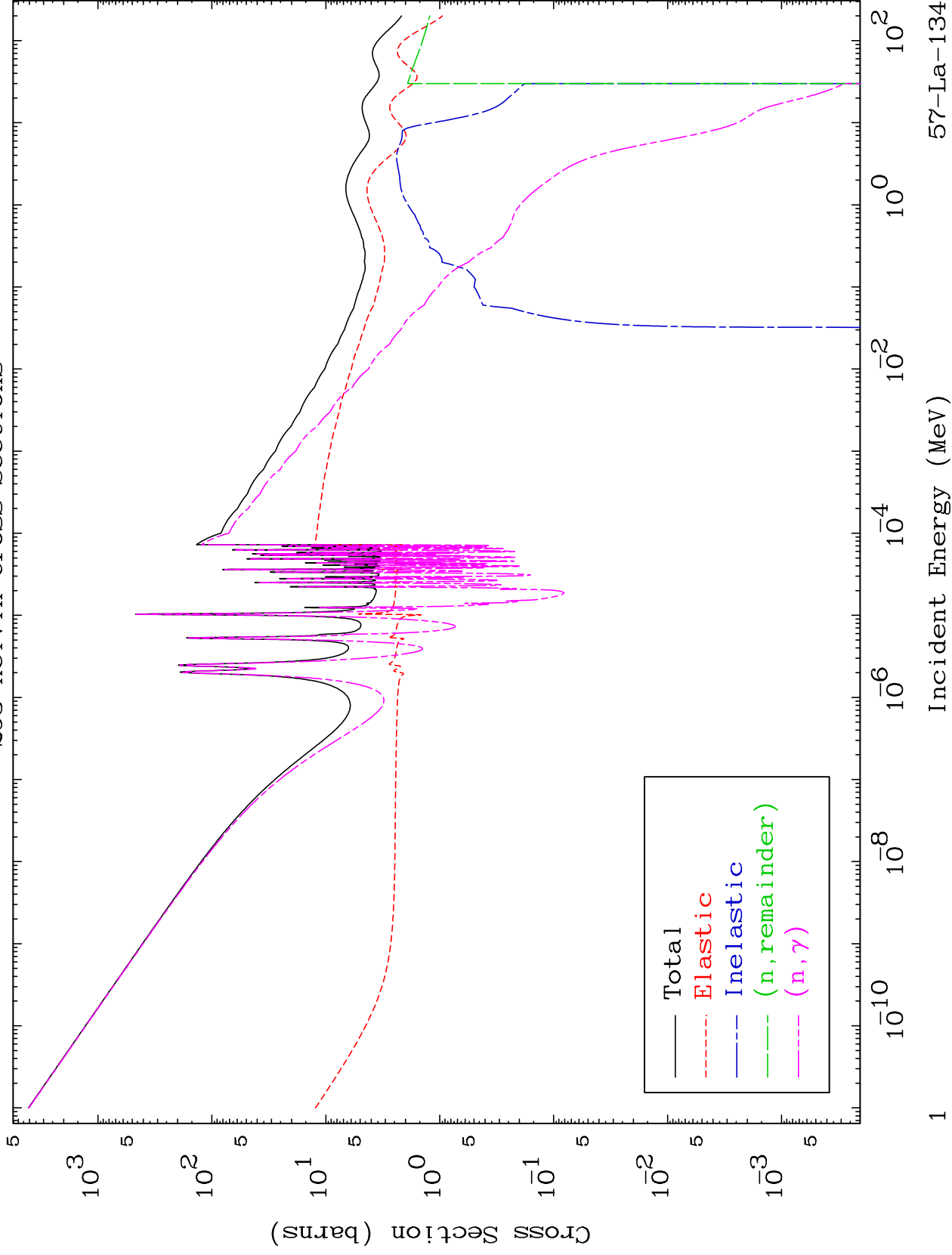
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5713

Major
293 Kelvin Cross Sections

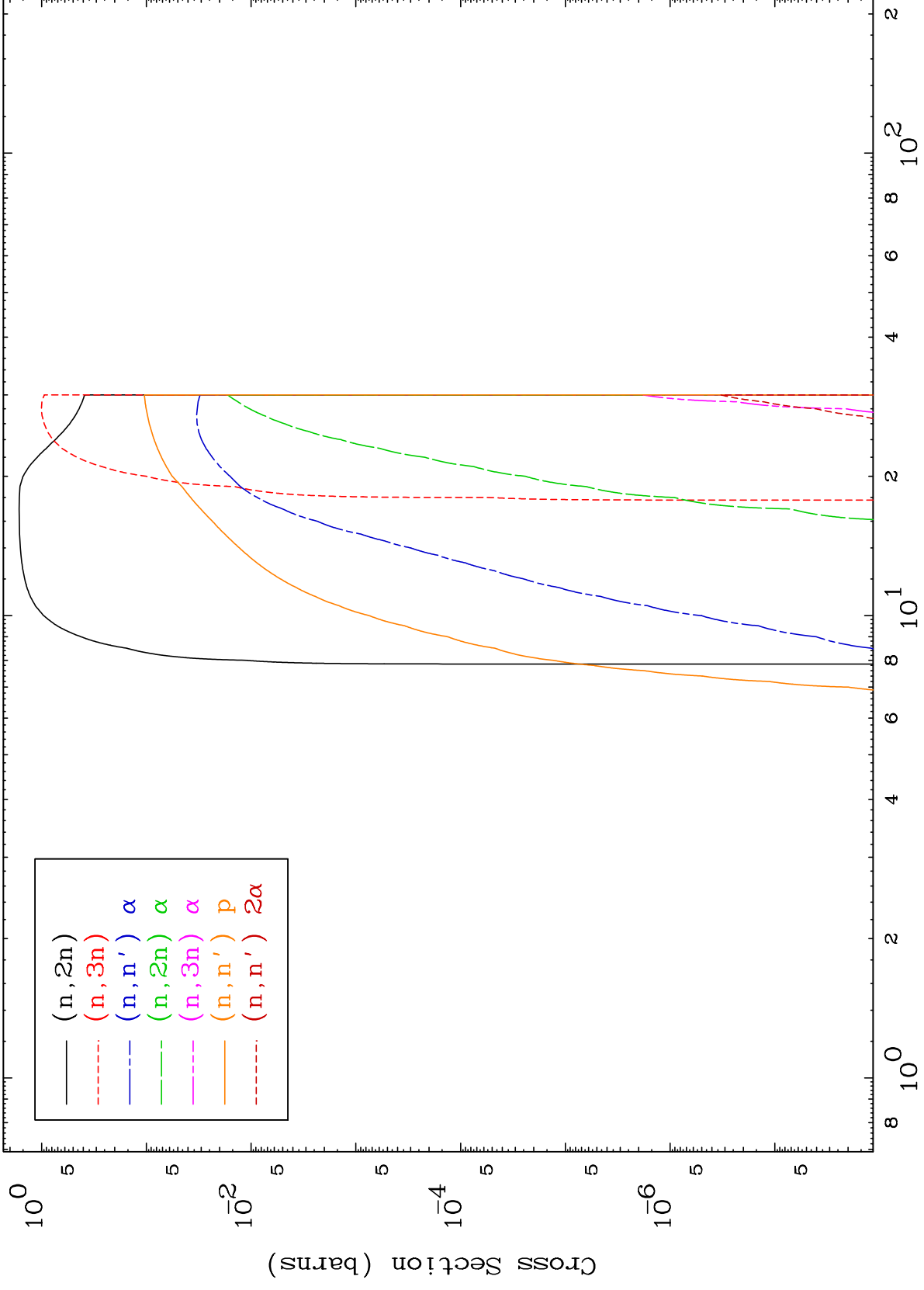
57-La-134



MAT 5713

Neutron Production
293 Kelvin Cross Sections

57-La-134



57-La-134

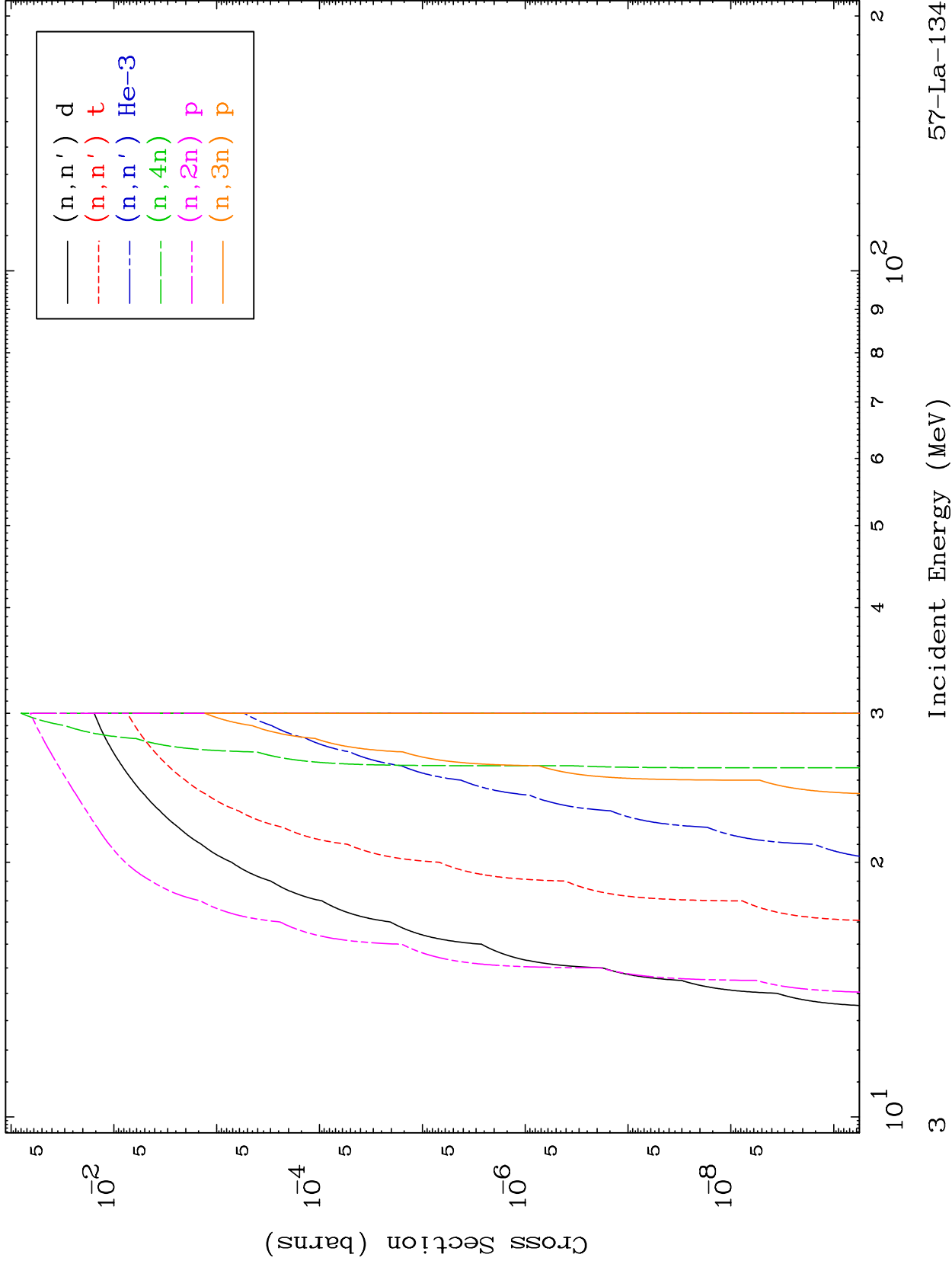
Incident Energy (MeV)

2

MAT 5713

Neutron Production
293 Kelvin Cross Sections

57-La-134

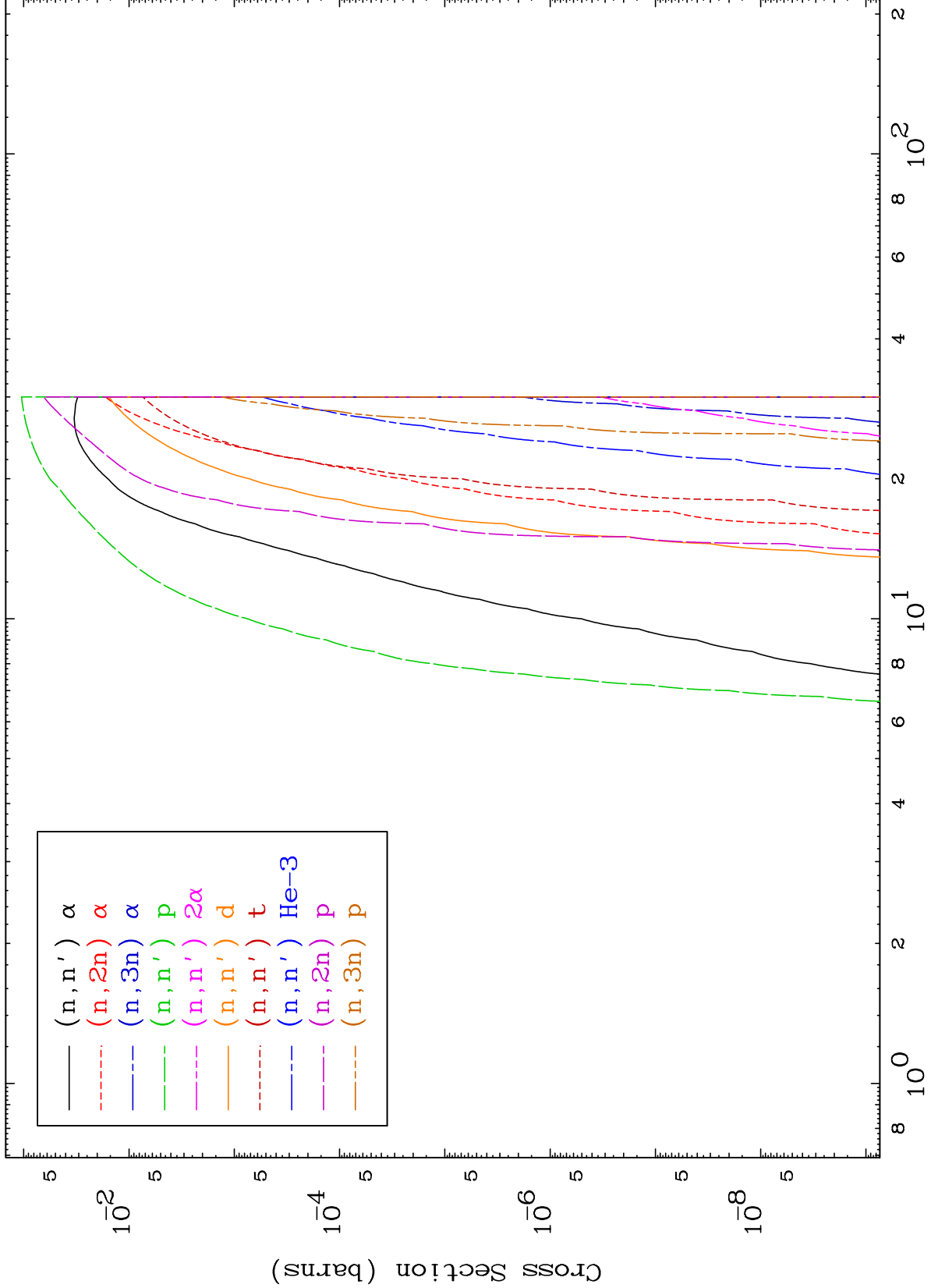


57-La-134

MAT 5713

Charged Particle
293 Kelvin Cross Sections

57-La-134



—	(n, n')	α
- - -	(n, 2n)	α
- · - ·	(n, 3n)	α
- · - · - ·	(n, n')	p
- - - - -	(n, n')	2α
—	(n, n')	d
- - -	(n, n')	t
- · - · - ·	(n, n')	He-3
—	(n, 2n)	P
- - -	(n, 3n)	p

57-La-134

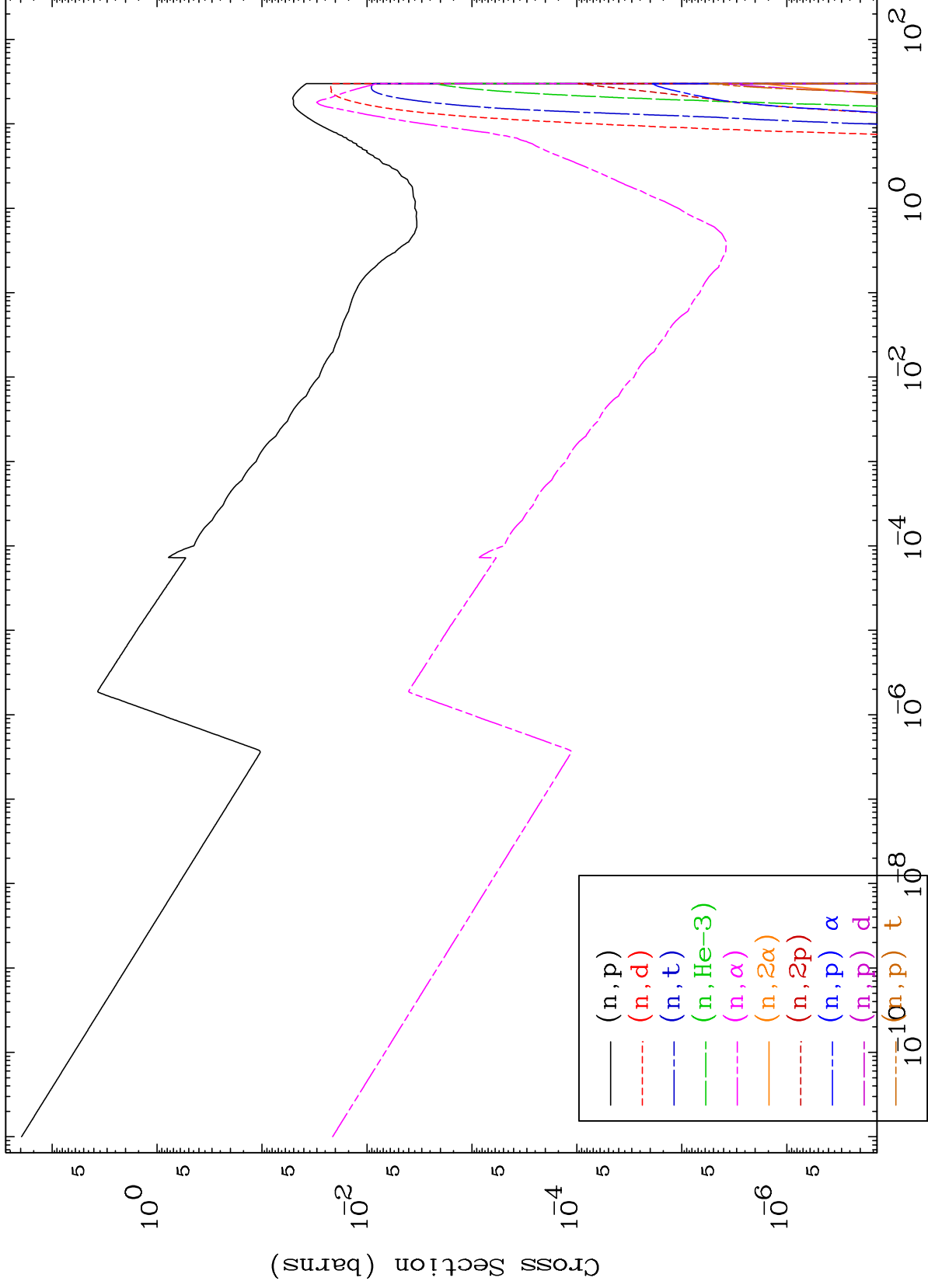
Incident Energy (MeV)

4

MAT 5713

Charged Particle
293 Kelvin Cross Sections

57-La-134



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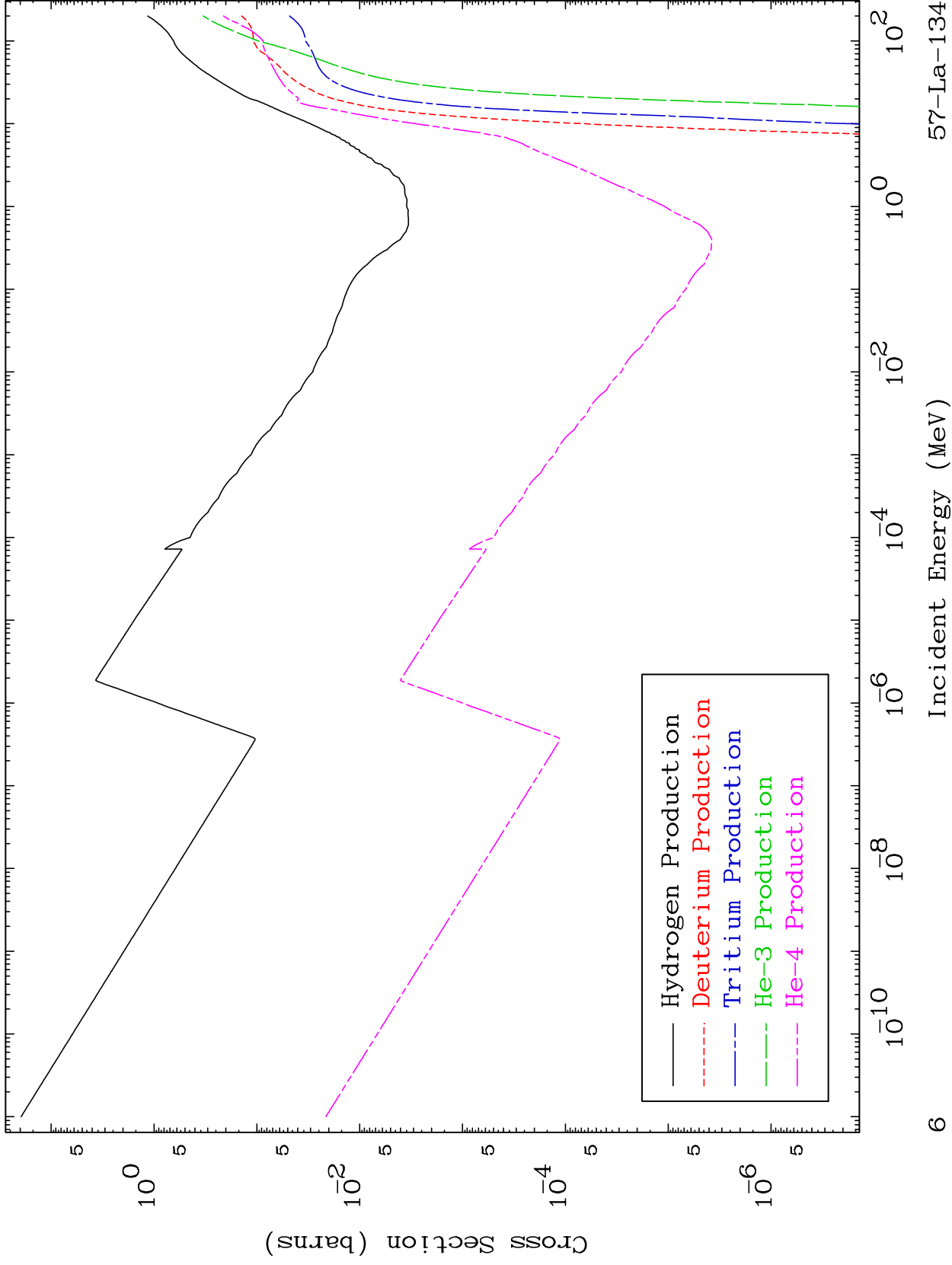
Incident Energy (MeV)

57-La-134

MAT 5713

Particle Production
293 Kelvin Cross Sections

57-La-134

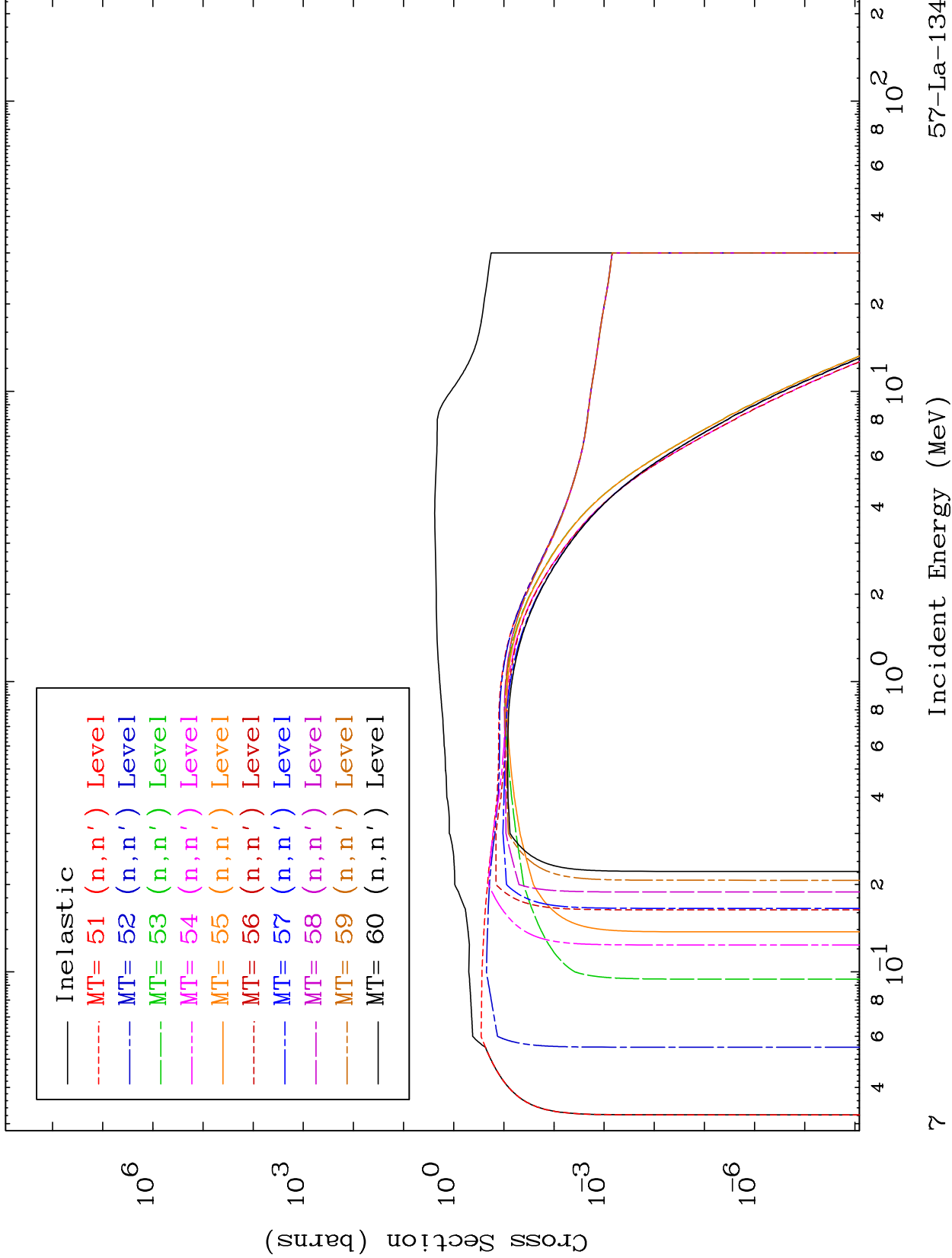


MAT 5713

(n,n') Level

57-La-134

293 Kelvin Cross Sections

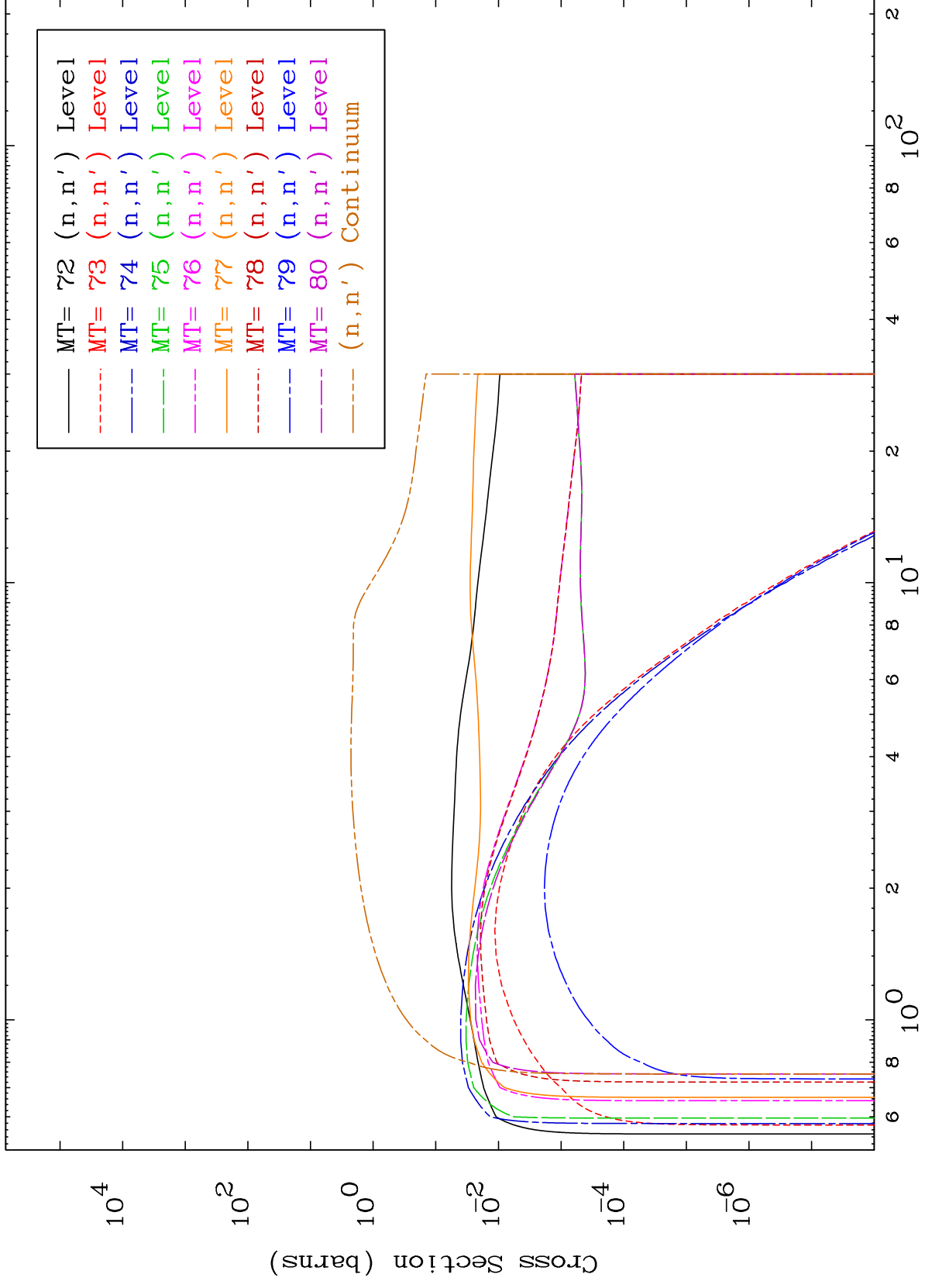


MAT 5713

(n,n') Level

57-La-134

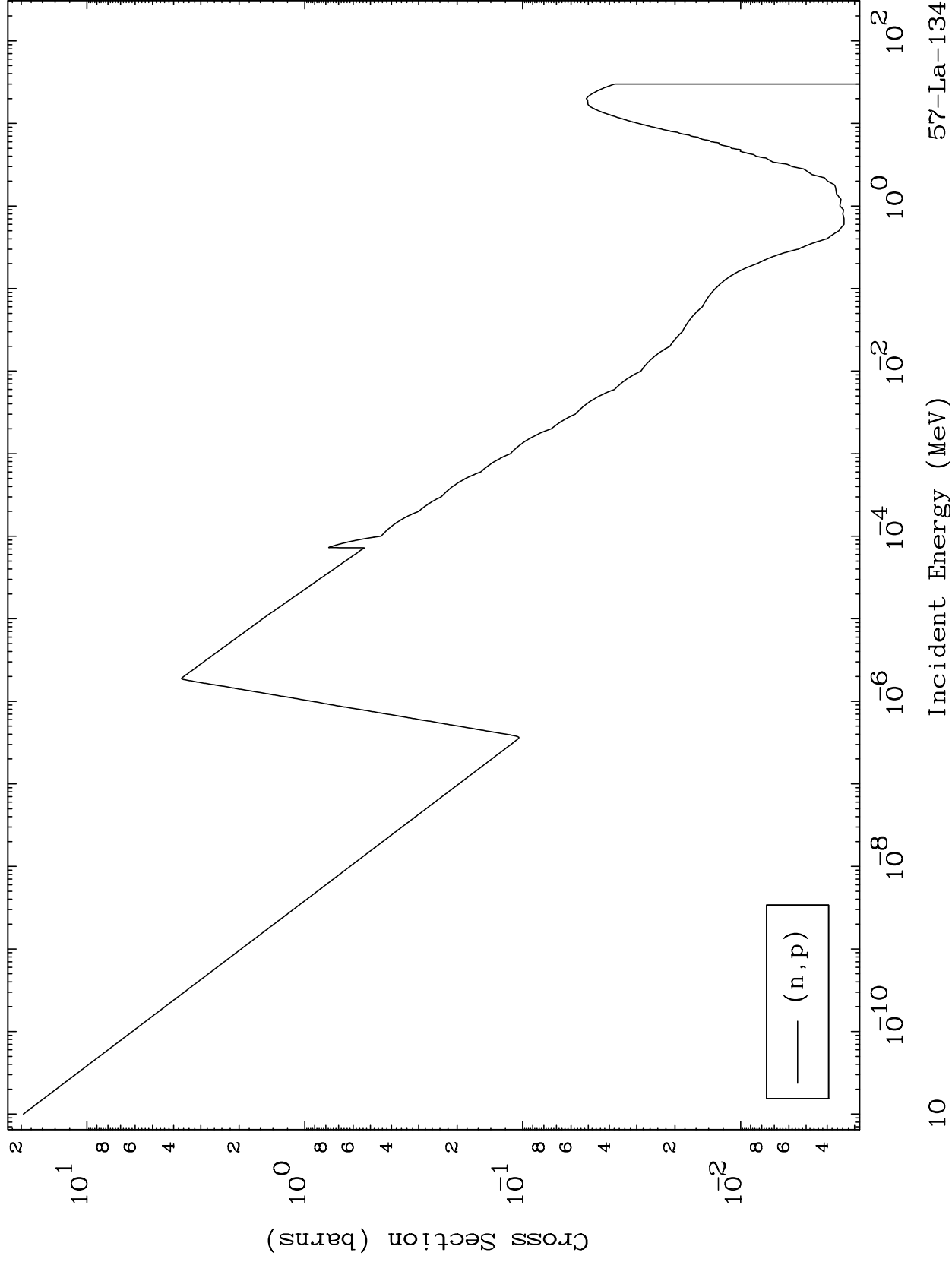
293 Kelvin Cross Sections



MAT 5713

(n,p) Levels
293 Kelvin Cross Sections

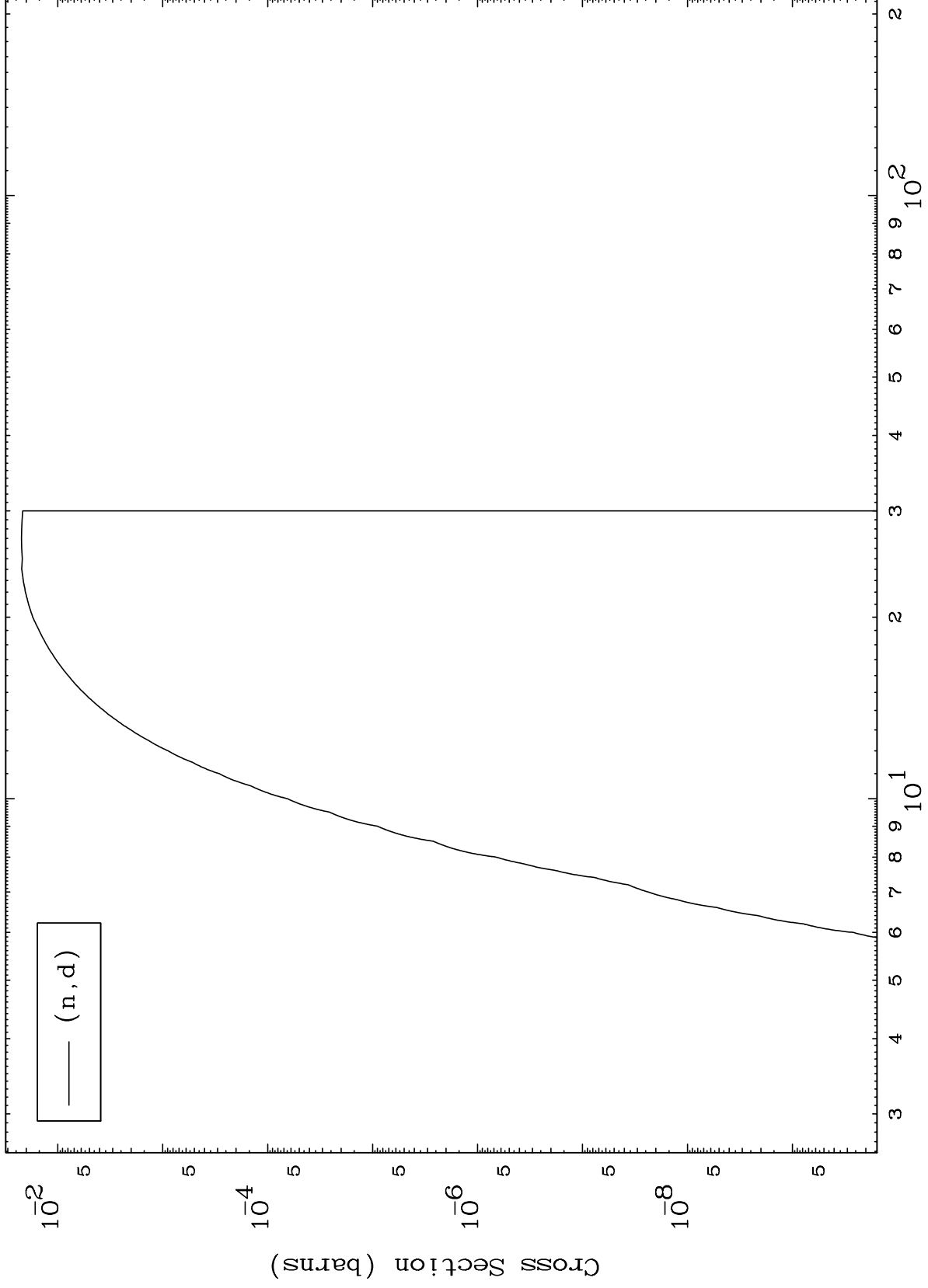
57-La-134



MAT 5713

(n,d) Levels
293 Kelvin Cross Sections

57-La-134

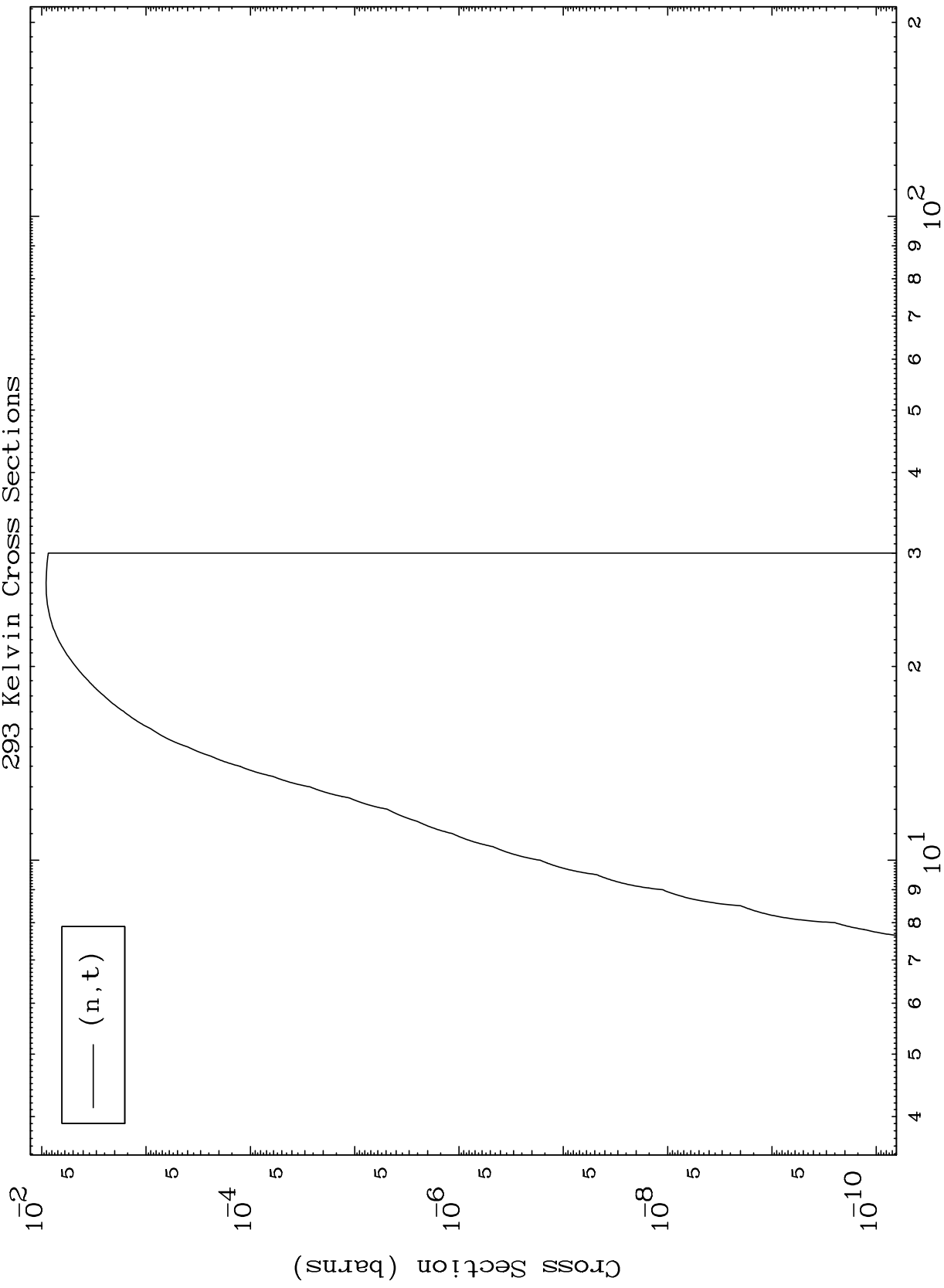


(n,d)

MAT 5713

(n,t) Levels
293 Kelvin Cross Sections

57-La-134



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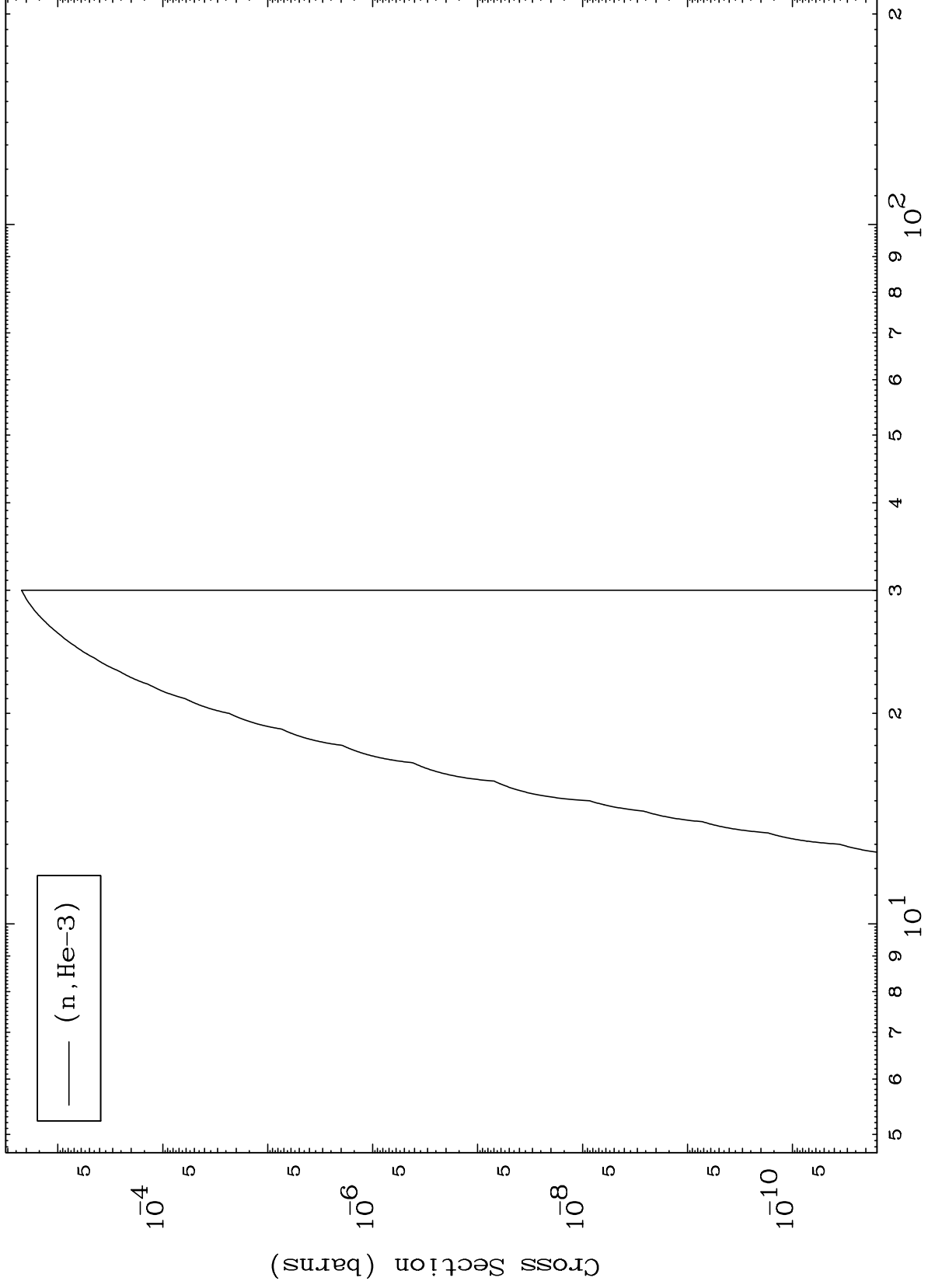
Incident Energy (MeV)

57-La-134

MAT 5713

(n,He3) Levels
293 Kelvin Cross Sections

57-La-134



13

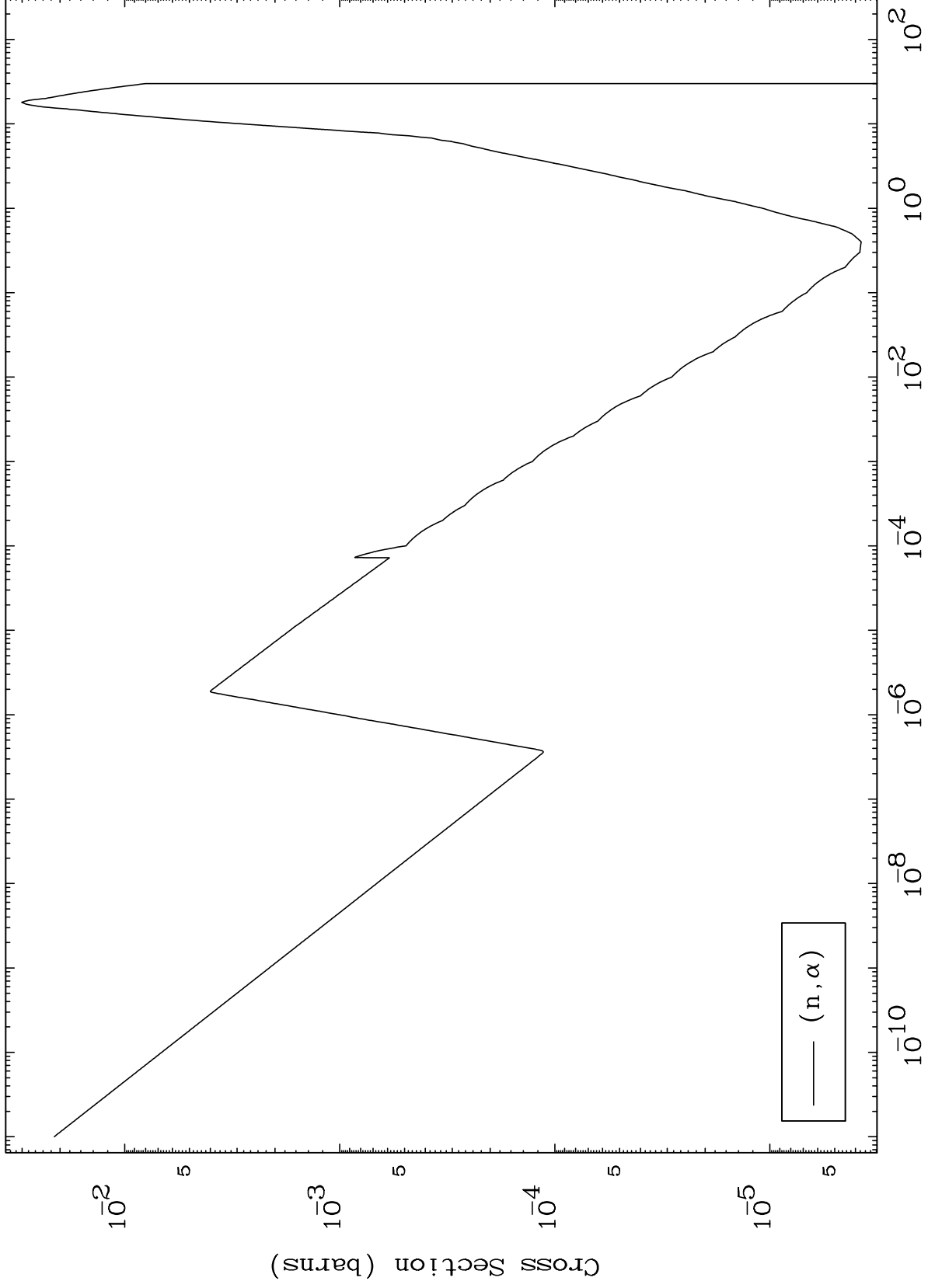
Incident Energy (MeV)

57-La-134

MAT 5713

(n,α) Levels
293 Kelvin Cross Sections

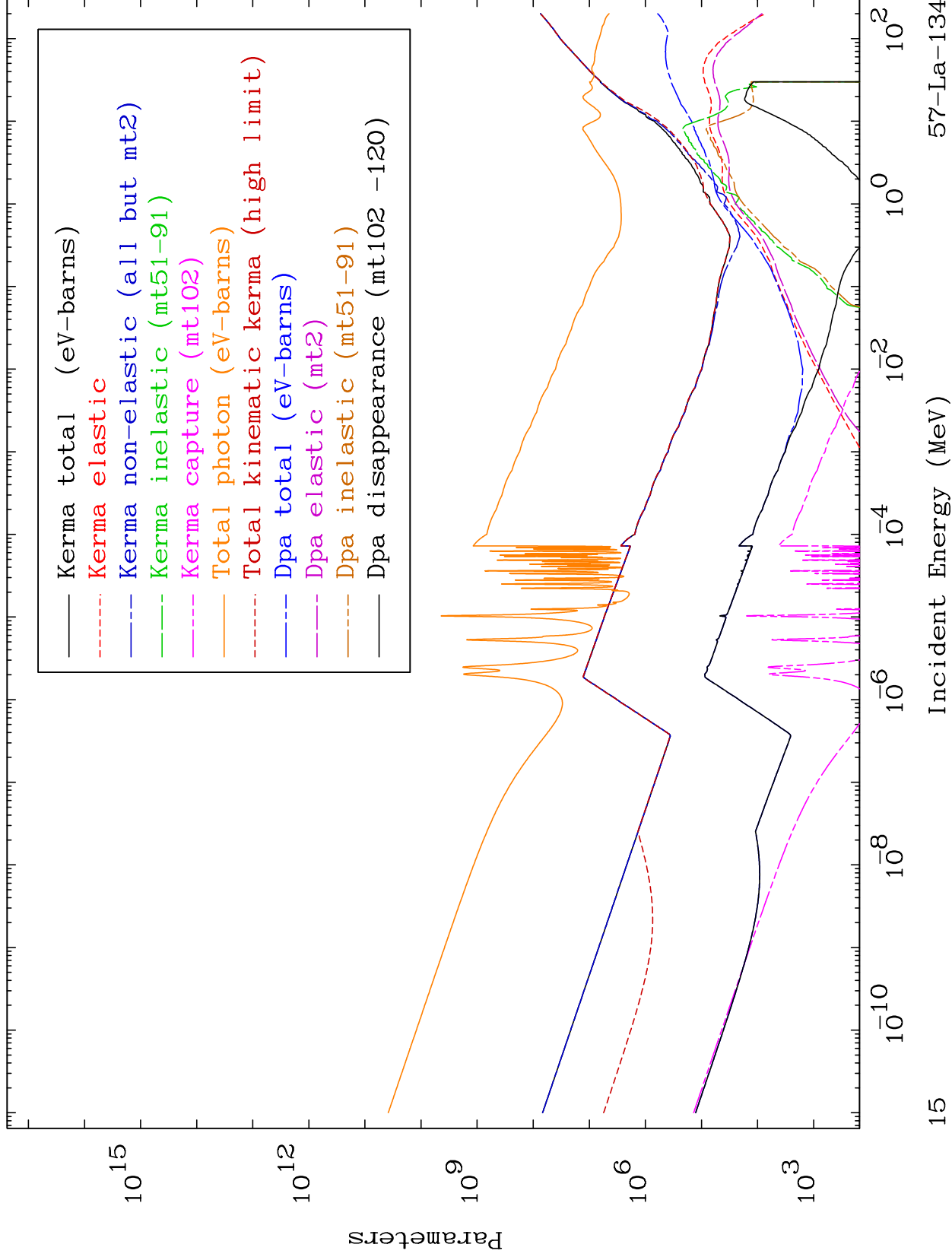
57-La-134



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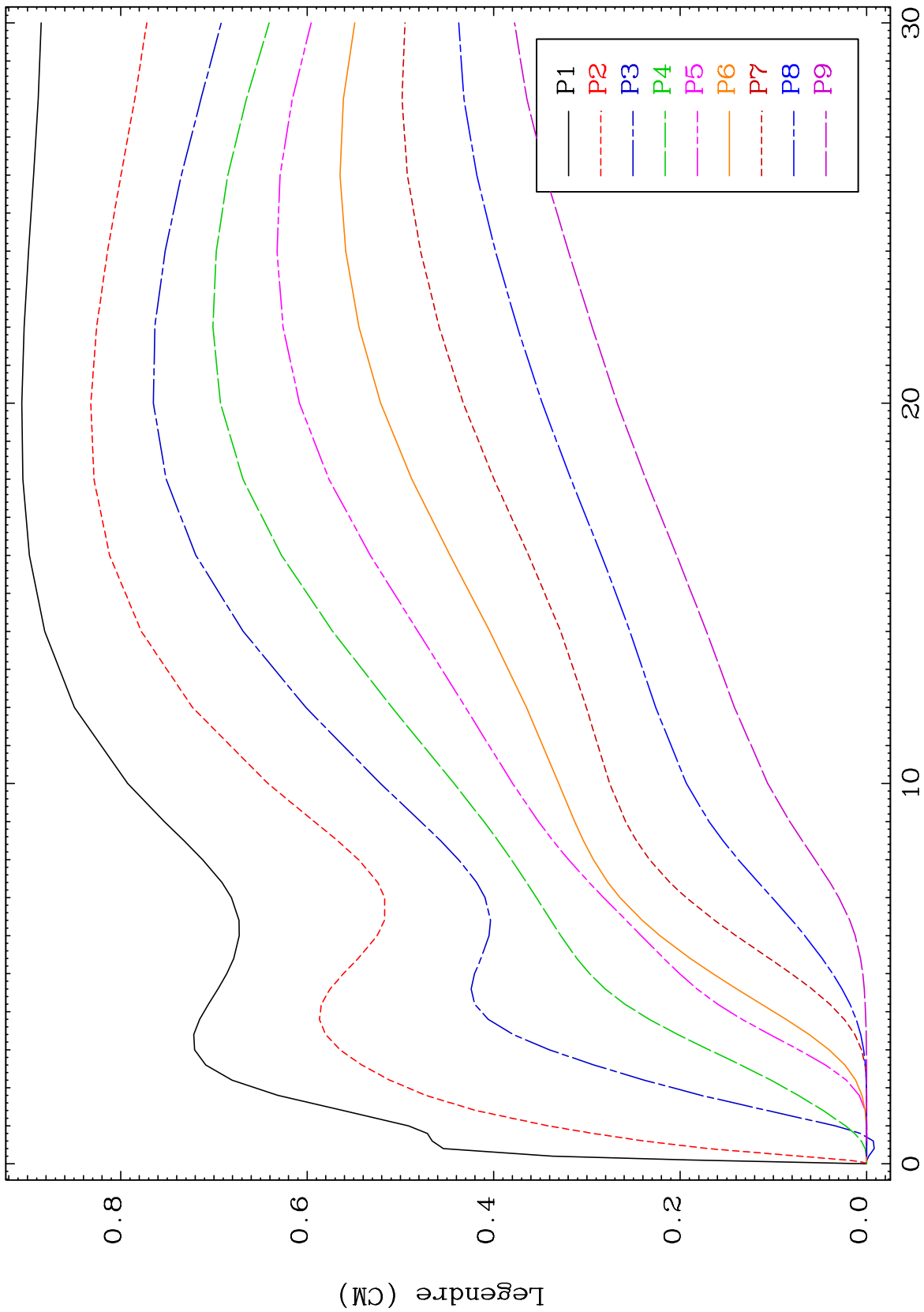
57-La-134



MAT 5713

57-La-134

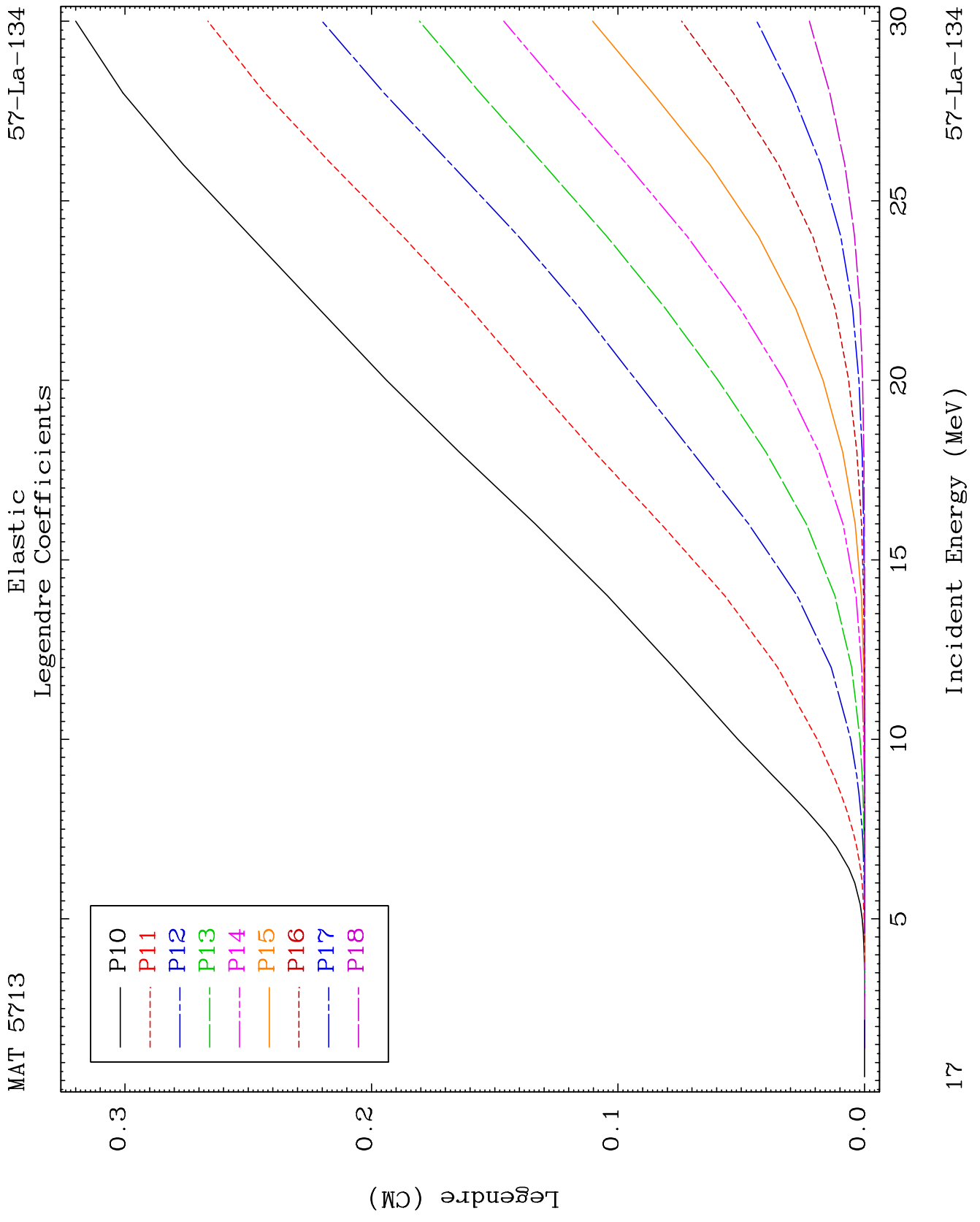
Elastic Legendre Coefficients



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Incident Energy (MeV)

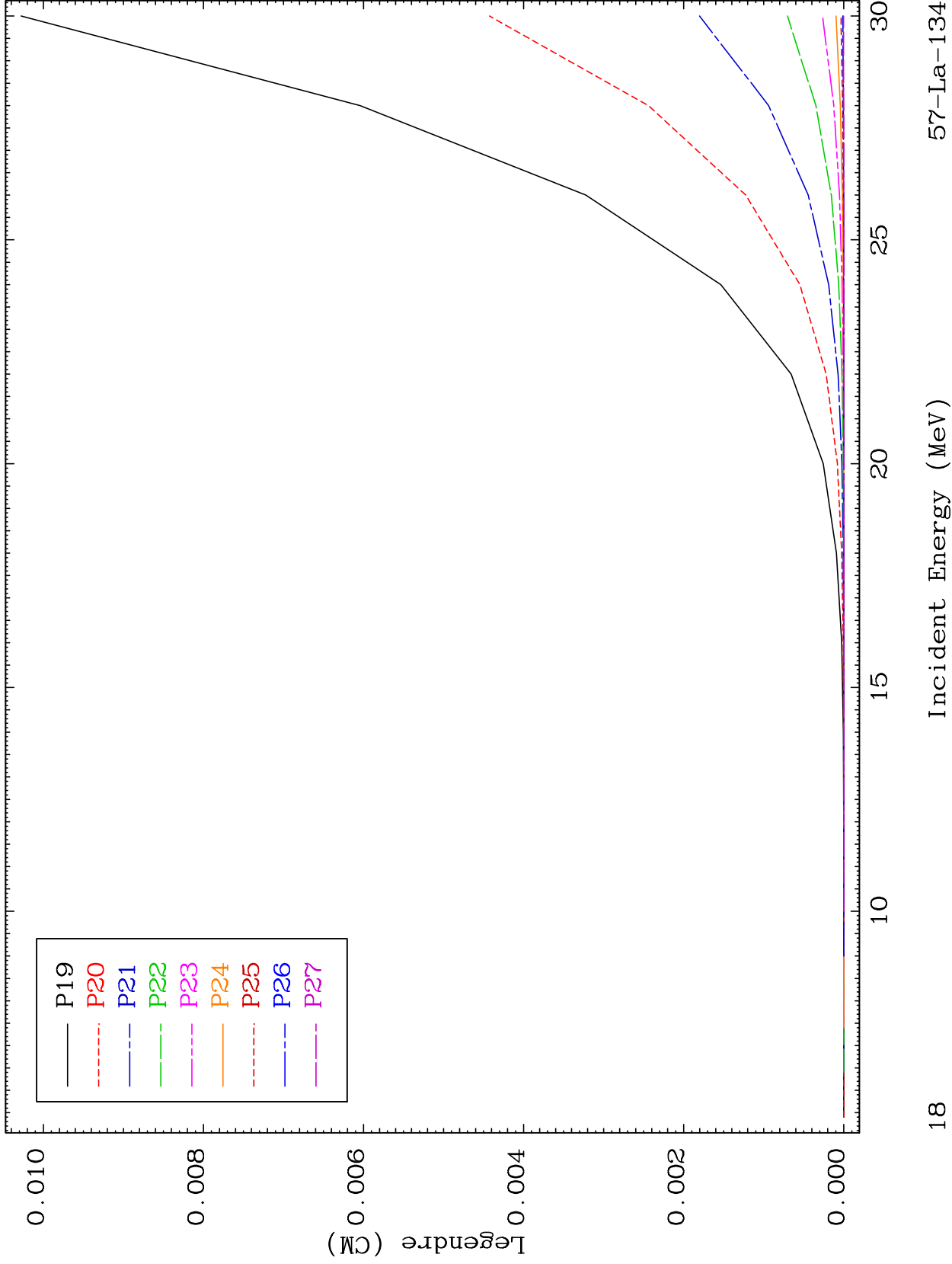
57-La-134



MAT 5713

Elastic Legendre Coefficients

57-La-134



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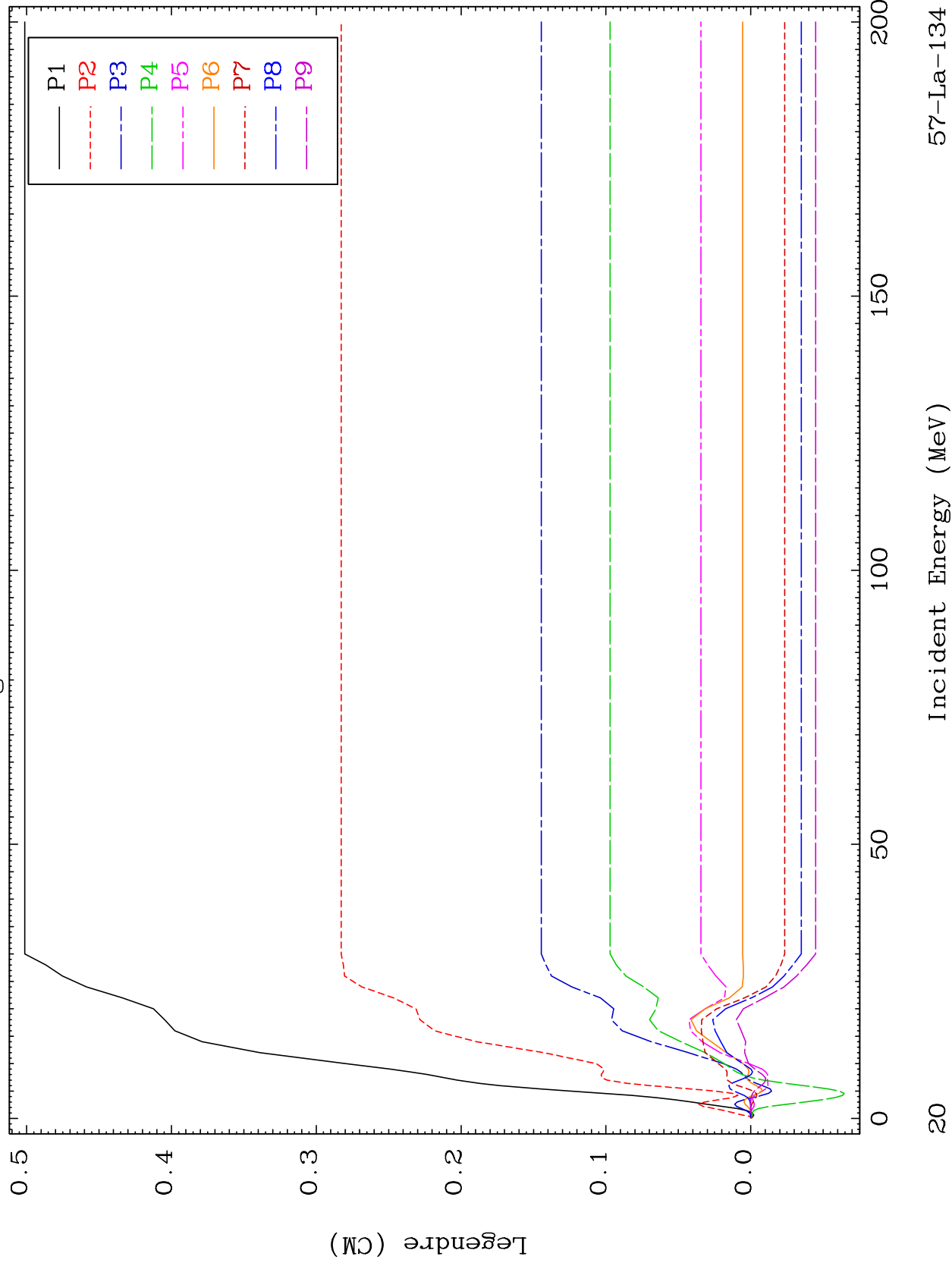
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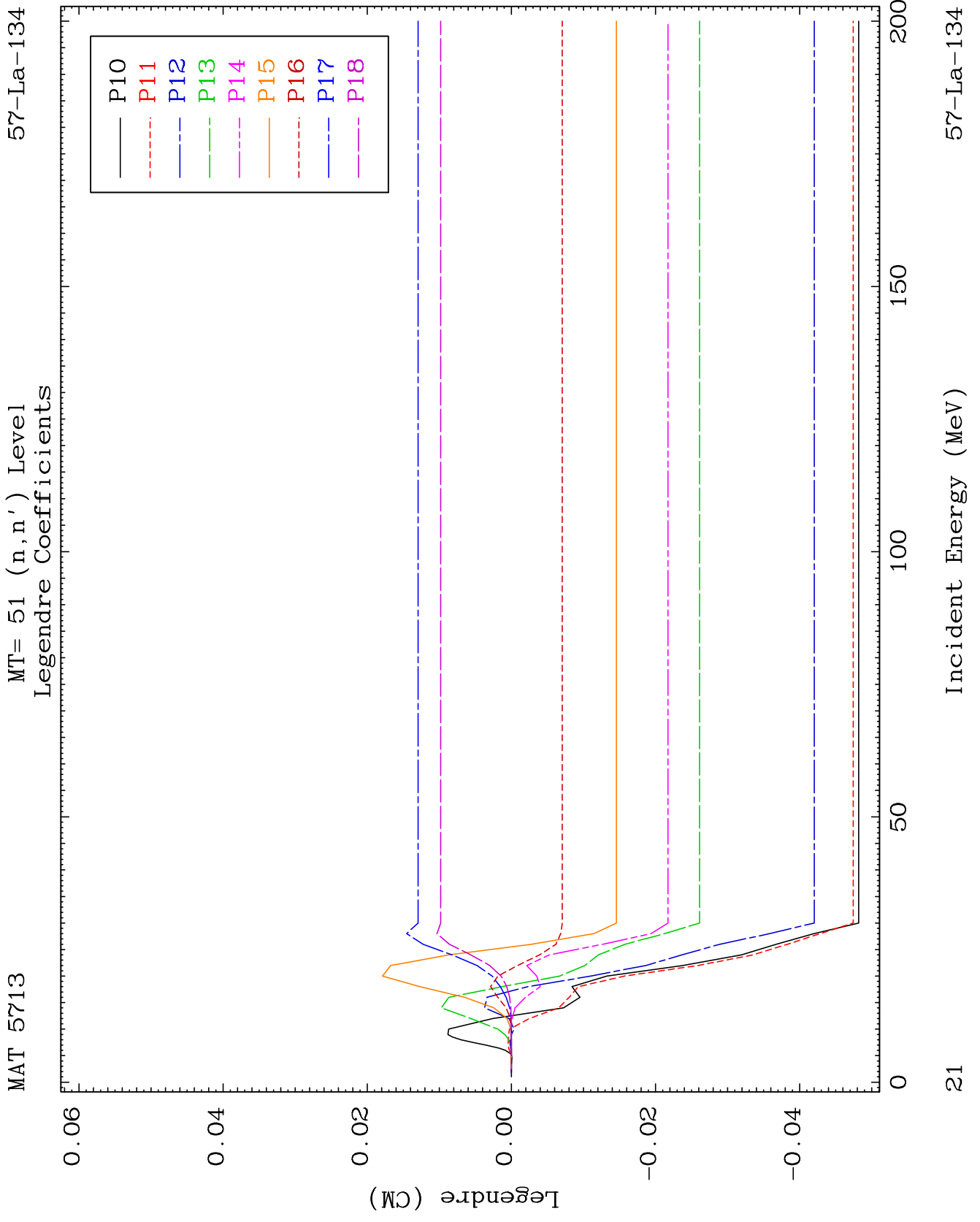
57-La-134

MAT 5713

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

57-La-134

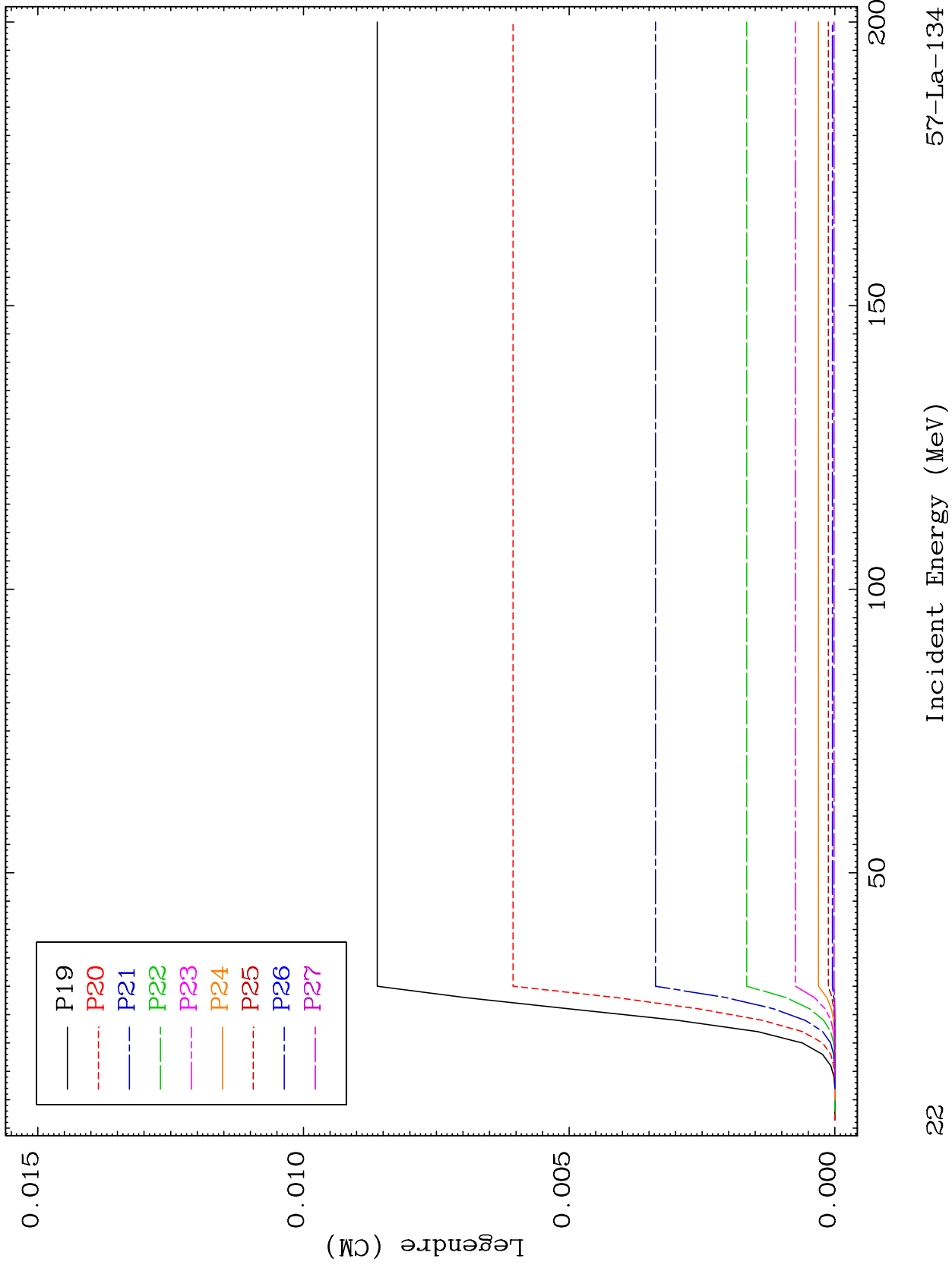




MAT 5713

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

57-La-134



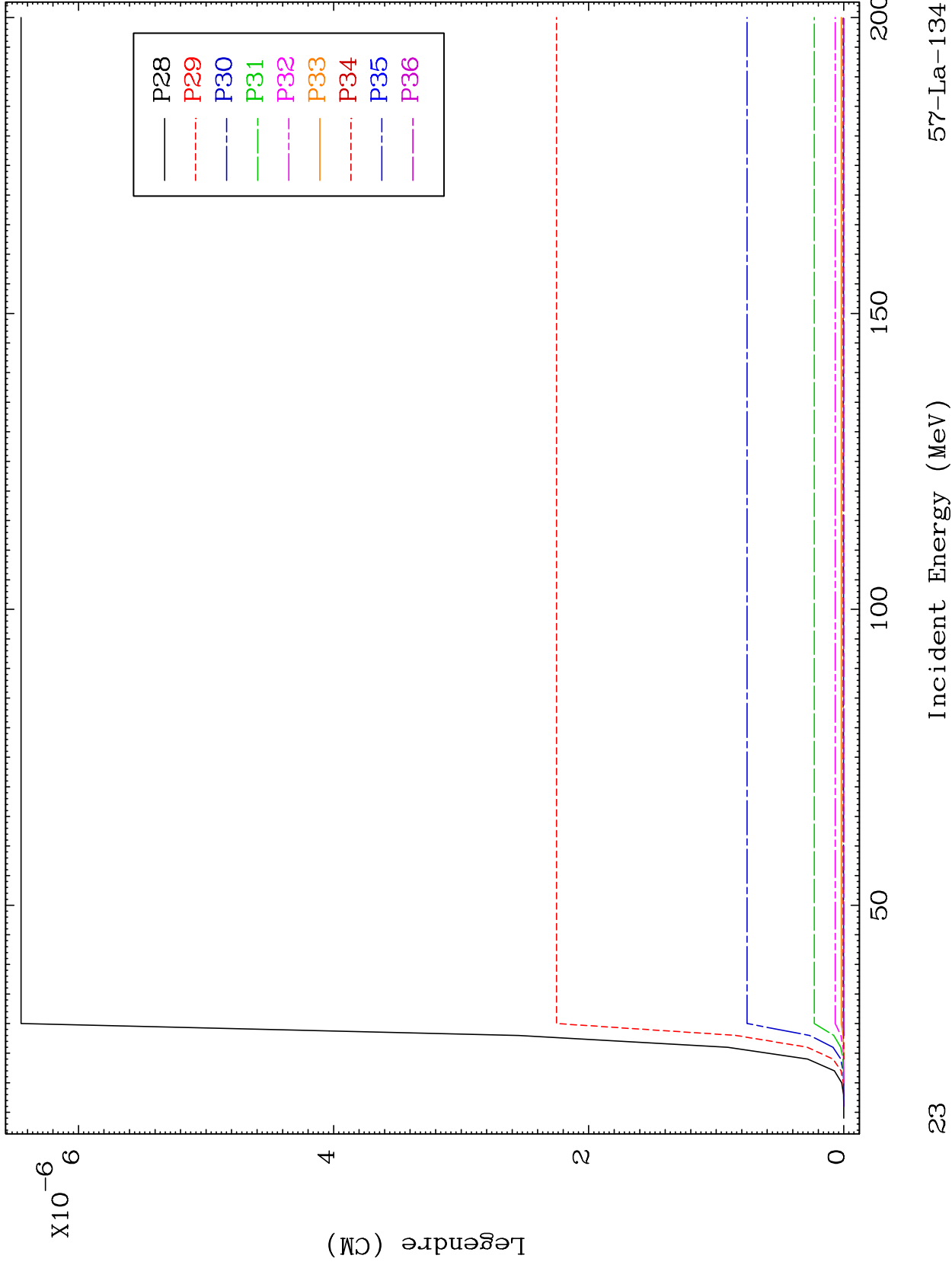
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57-La-134

MAT 5713

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

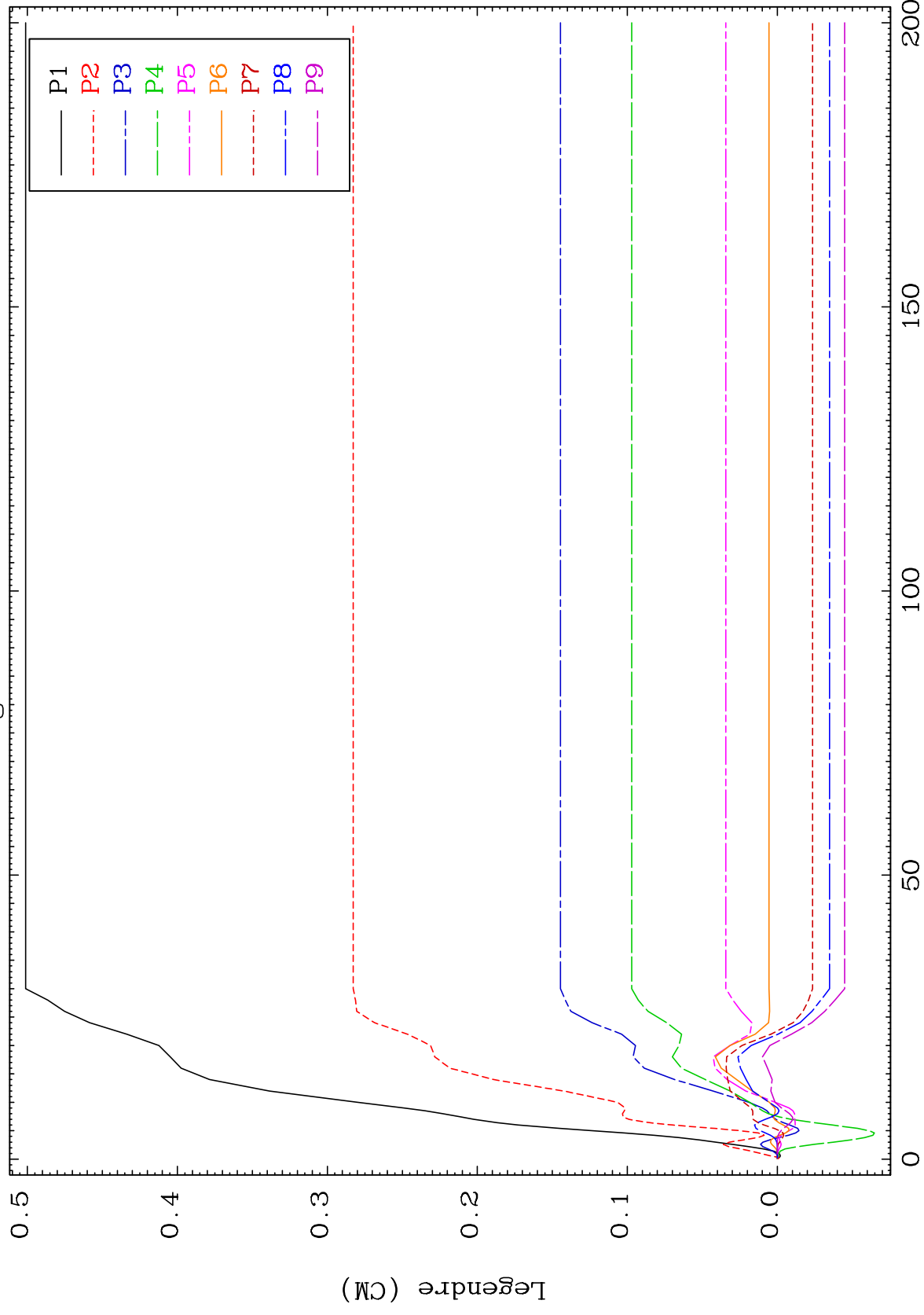
57-La-134



MAT 5713

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

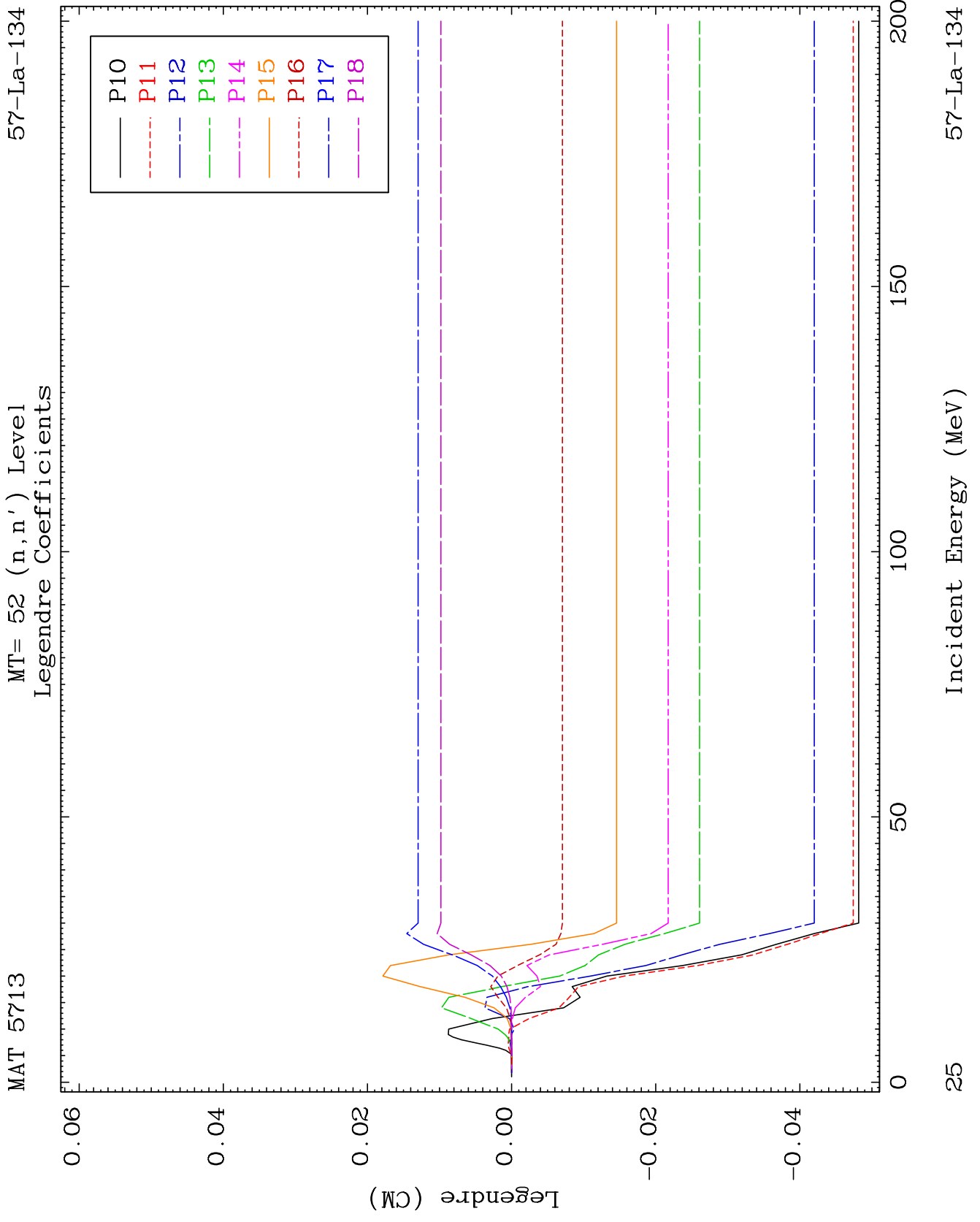
57-La-134



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Incident Energy (MeV)

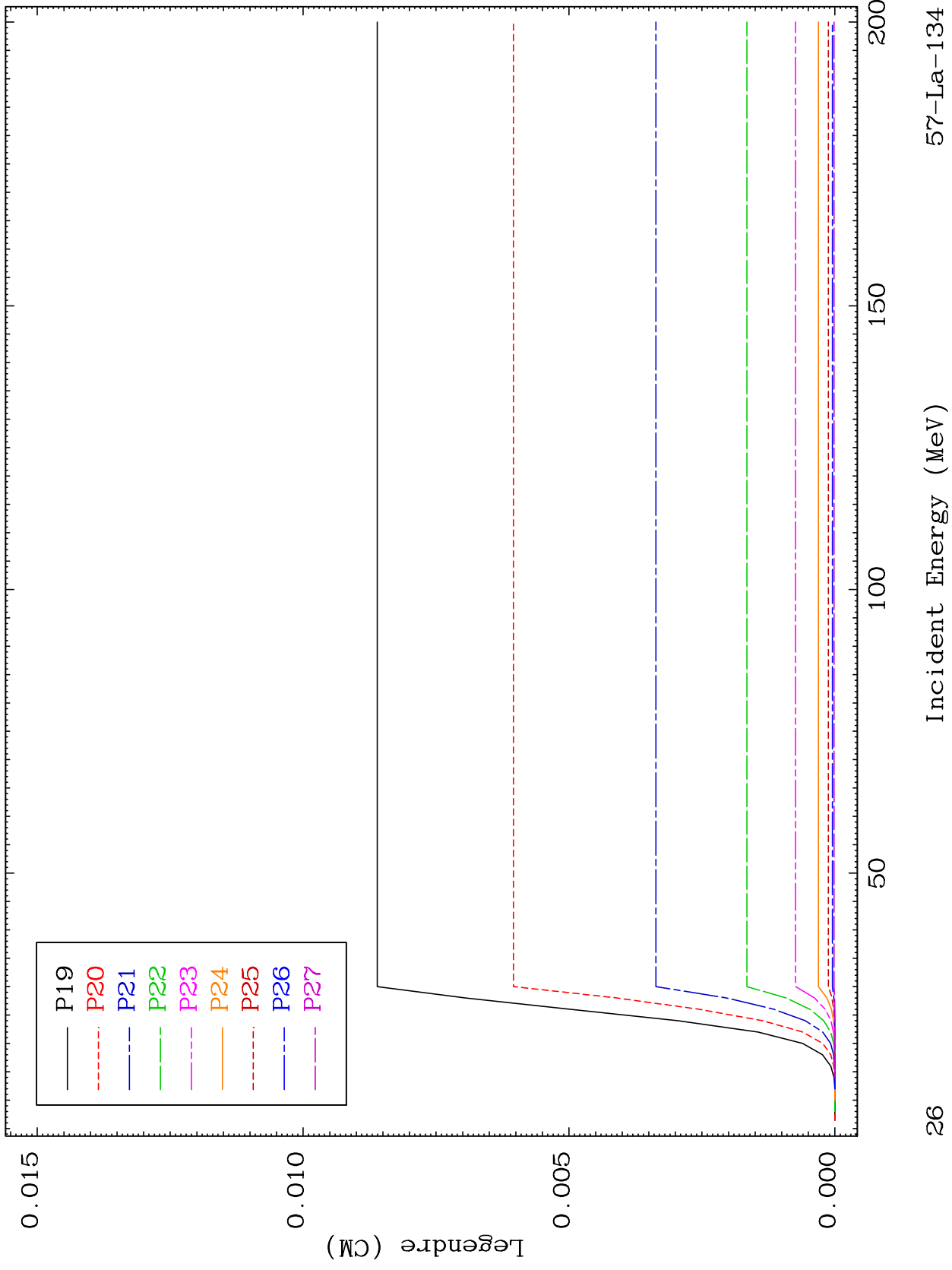
57-La-134



MAT 5713

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

57-La-134



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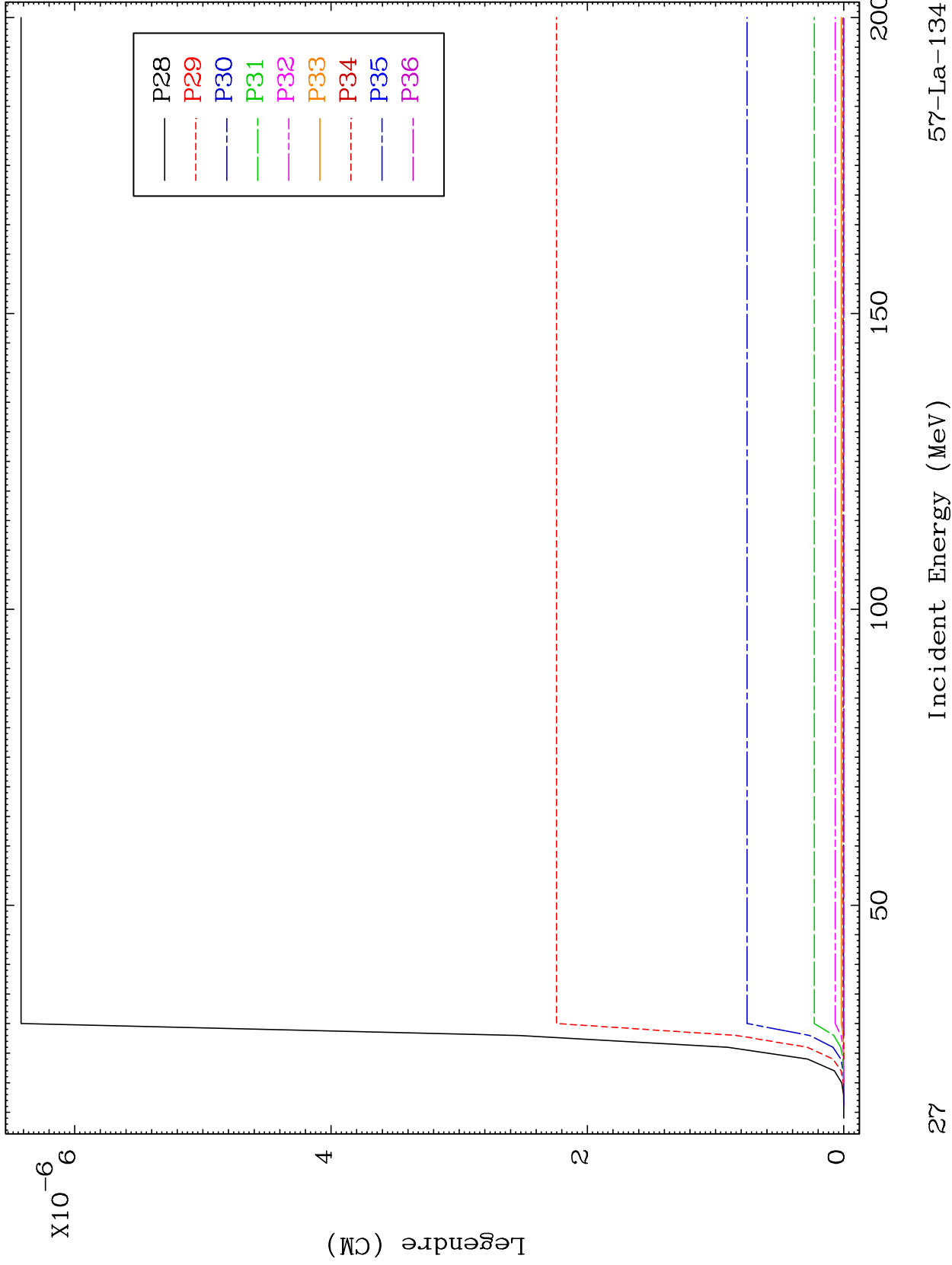
Incident Energy (MeV)

57-La-134

MAT 5713

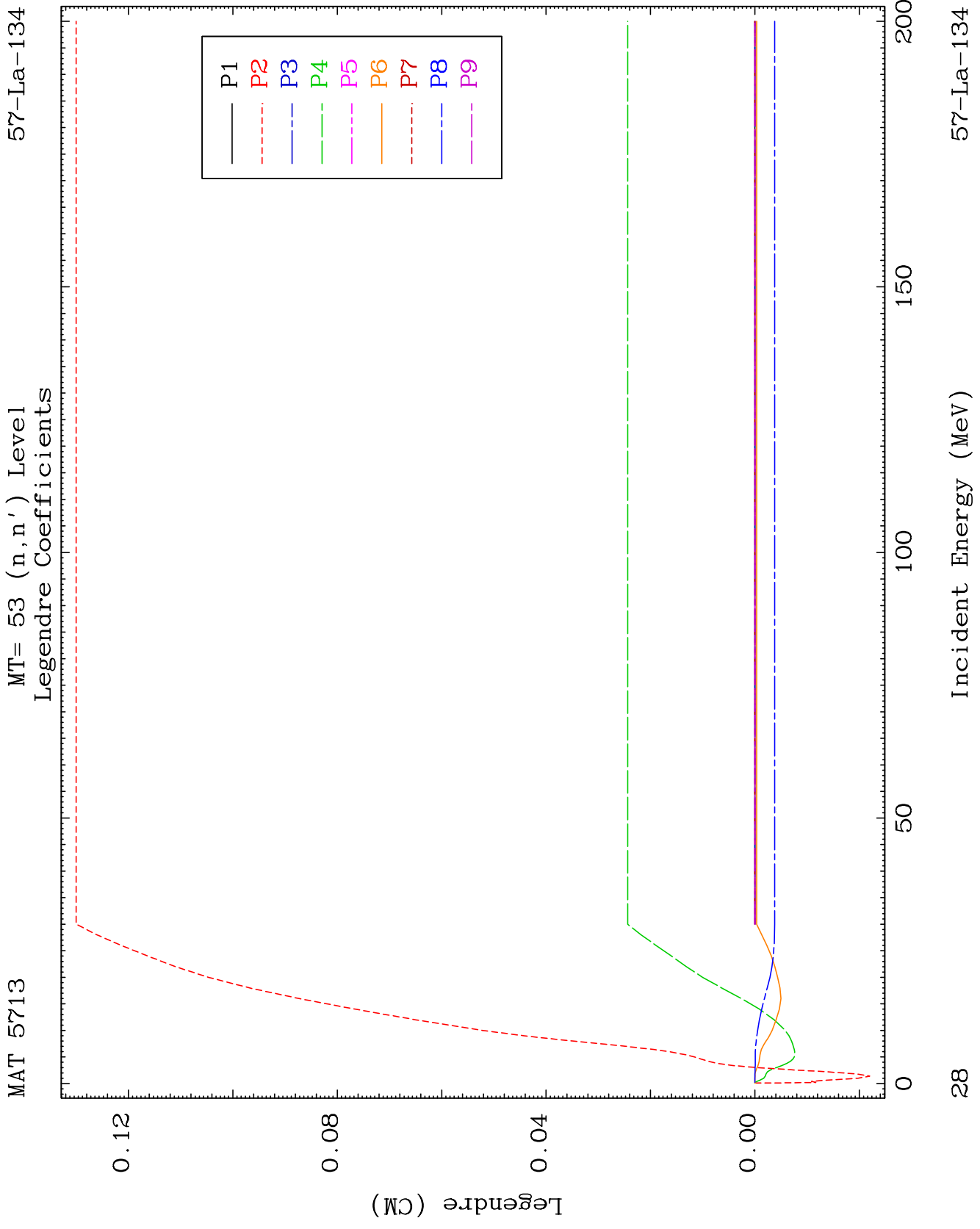
MT= 52 (n,n') Level
Legendre Coefficients

57-La-134



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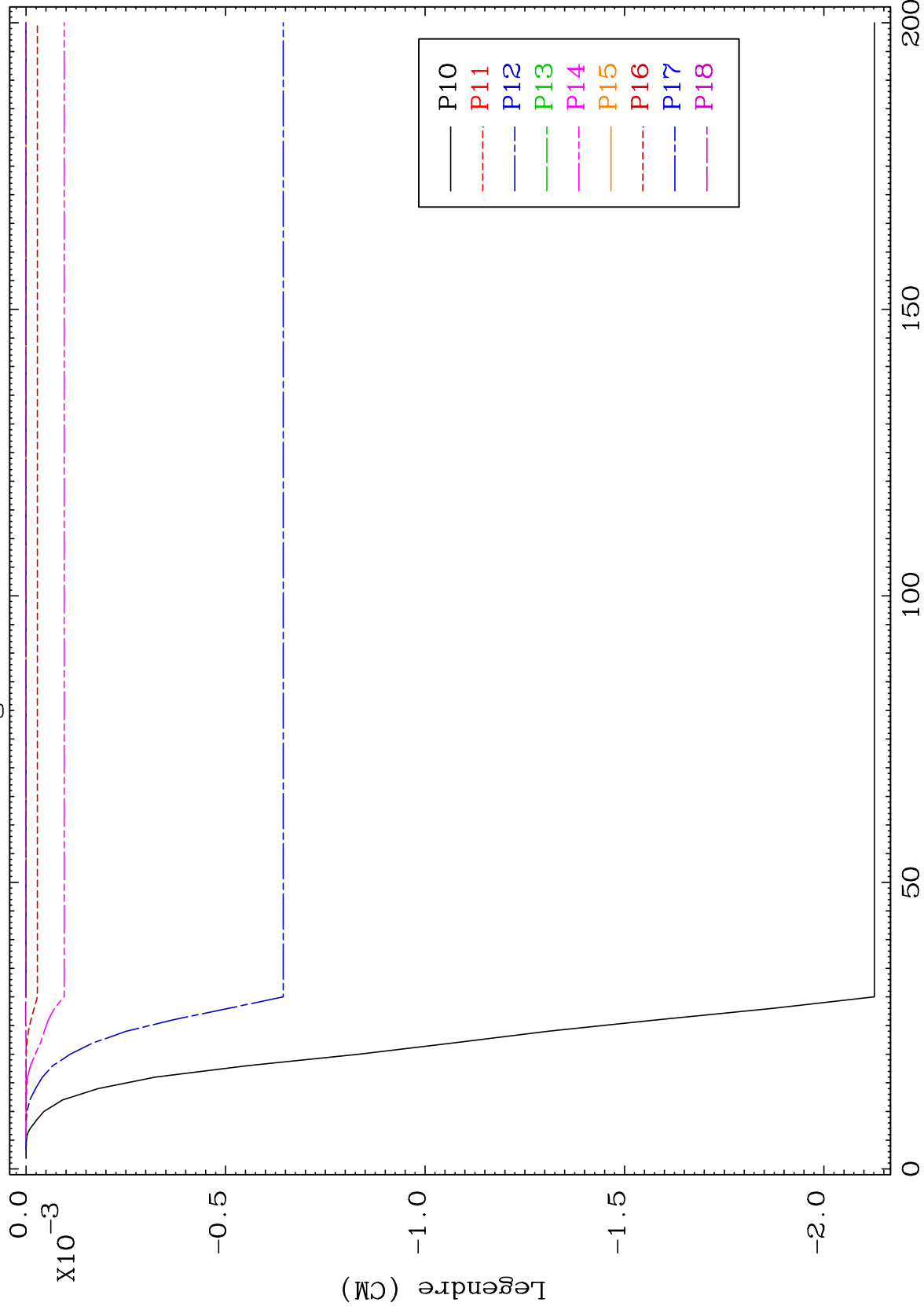
57-La-134



MAT 5713

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

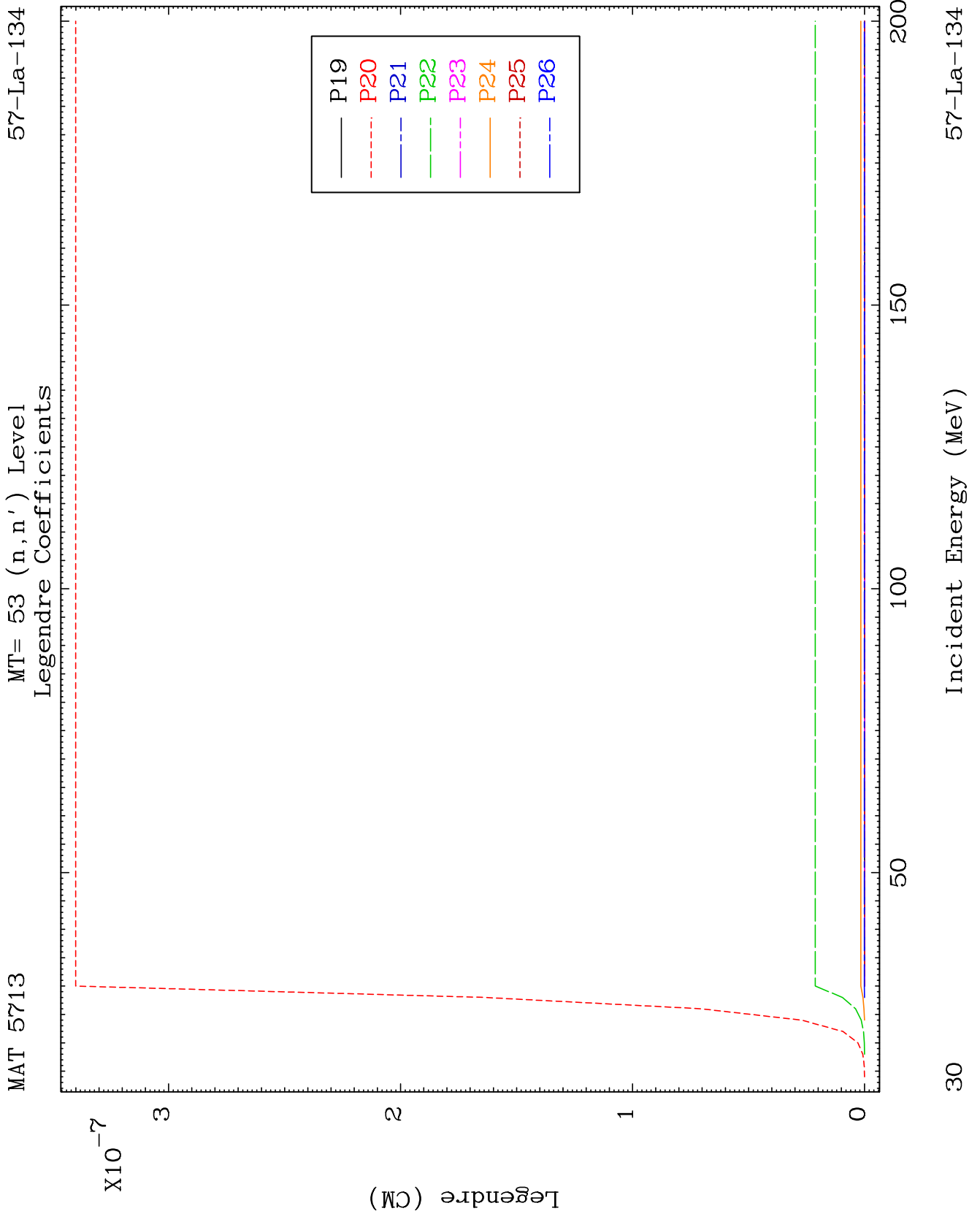
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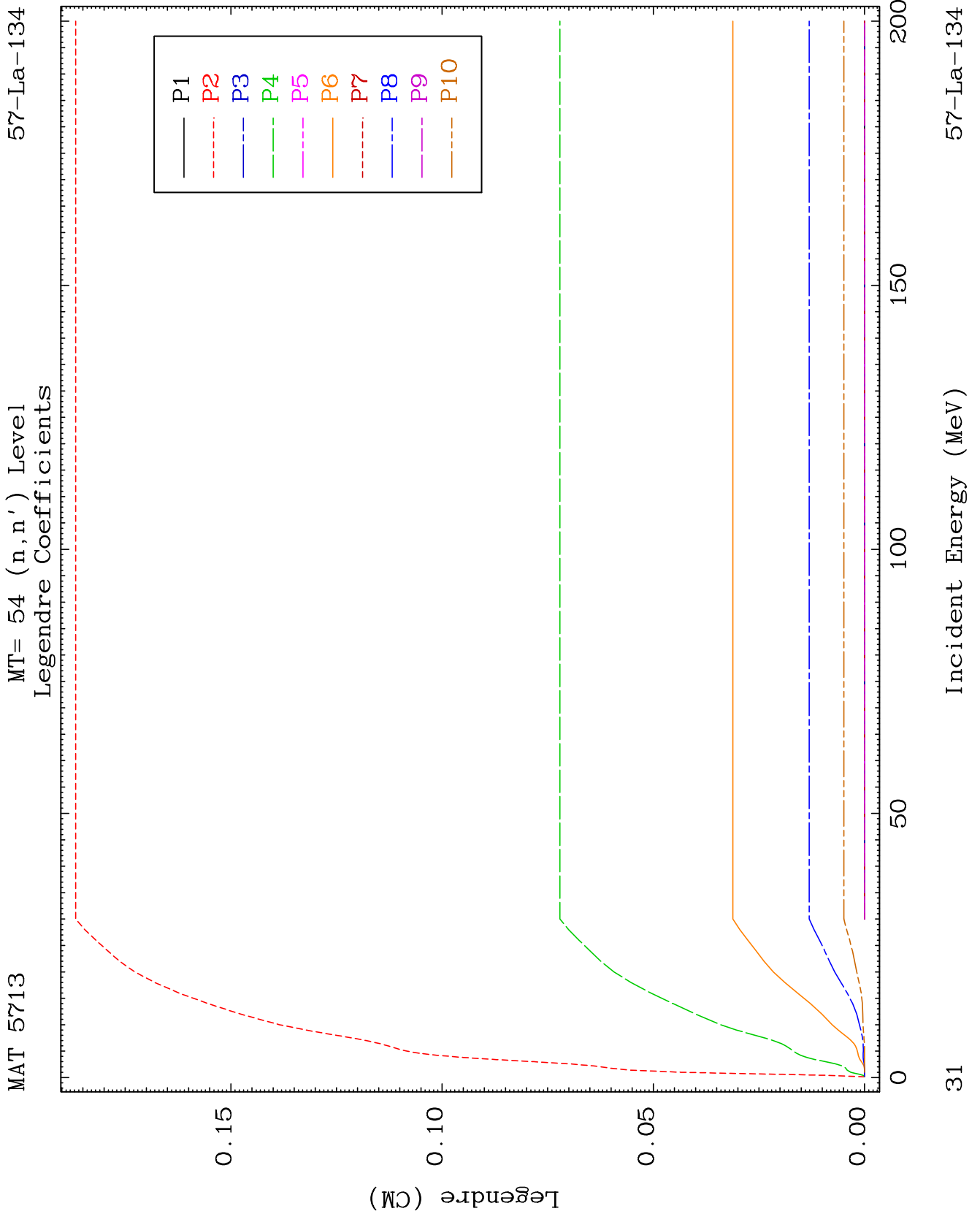


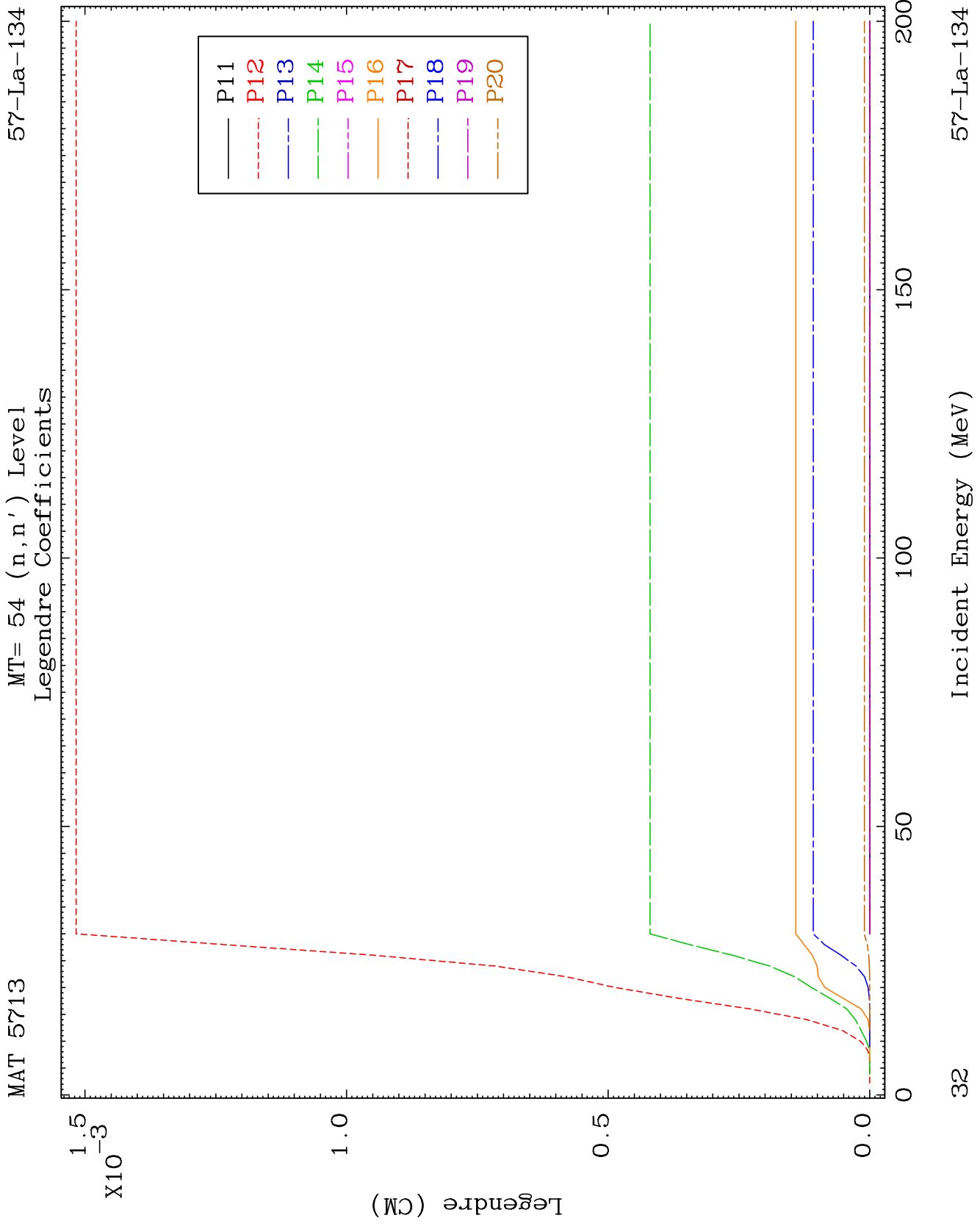
29

Incident Energy (MeV)

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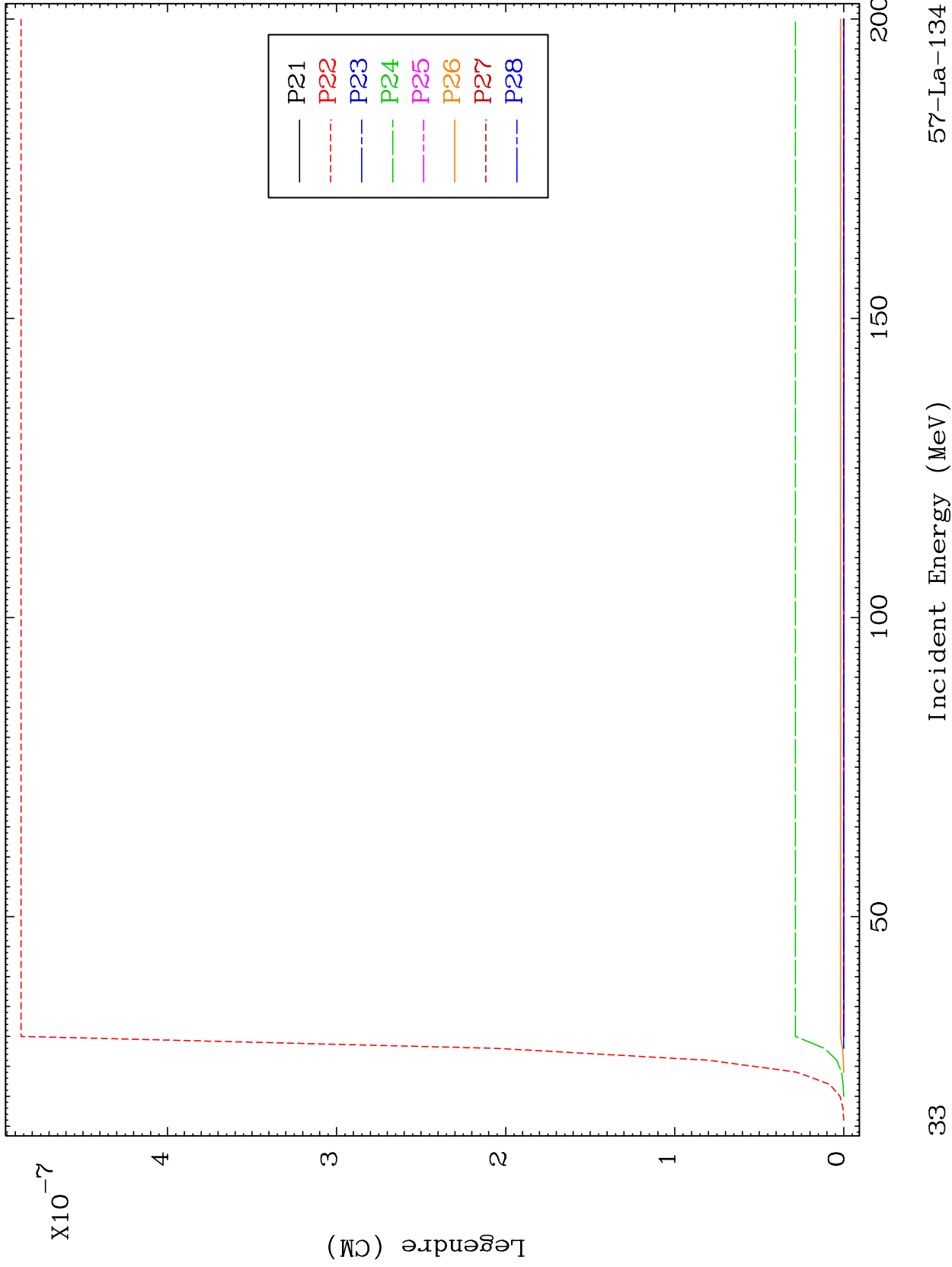




MAT 5713

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

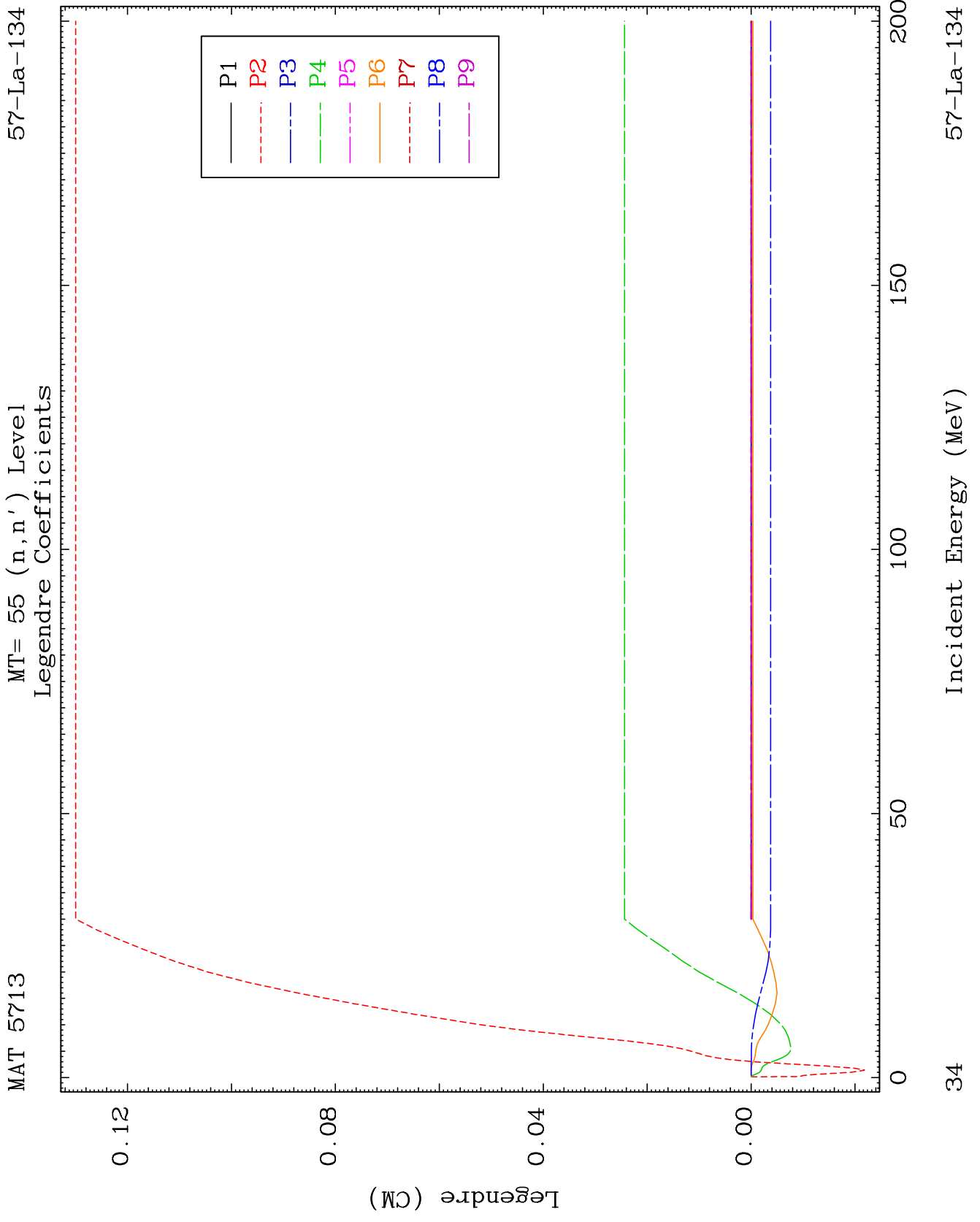
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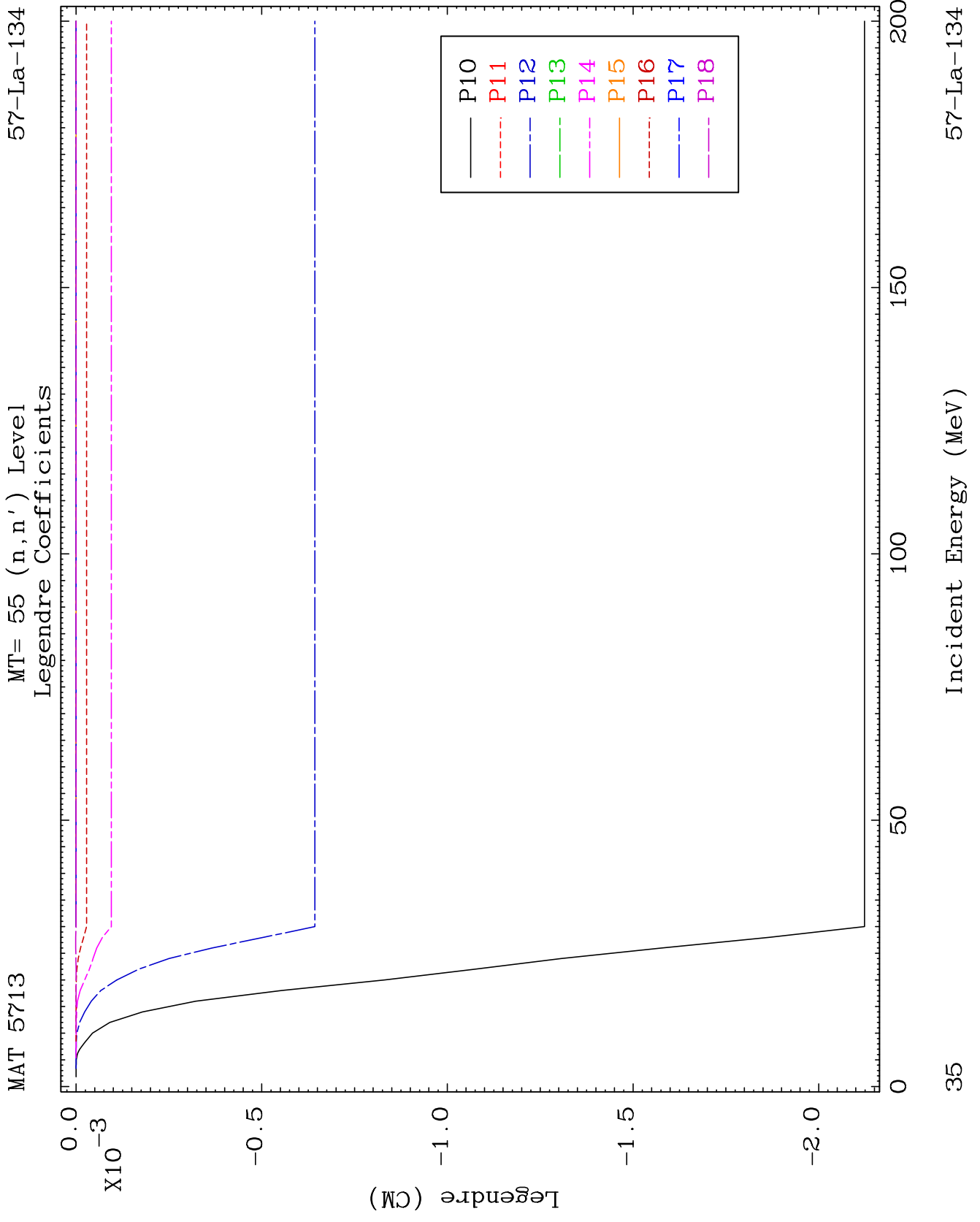


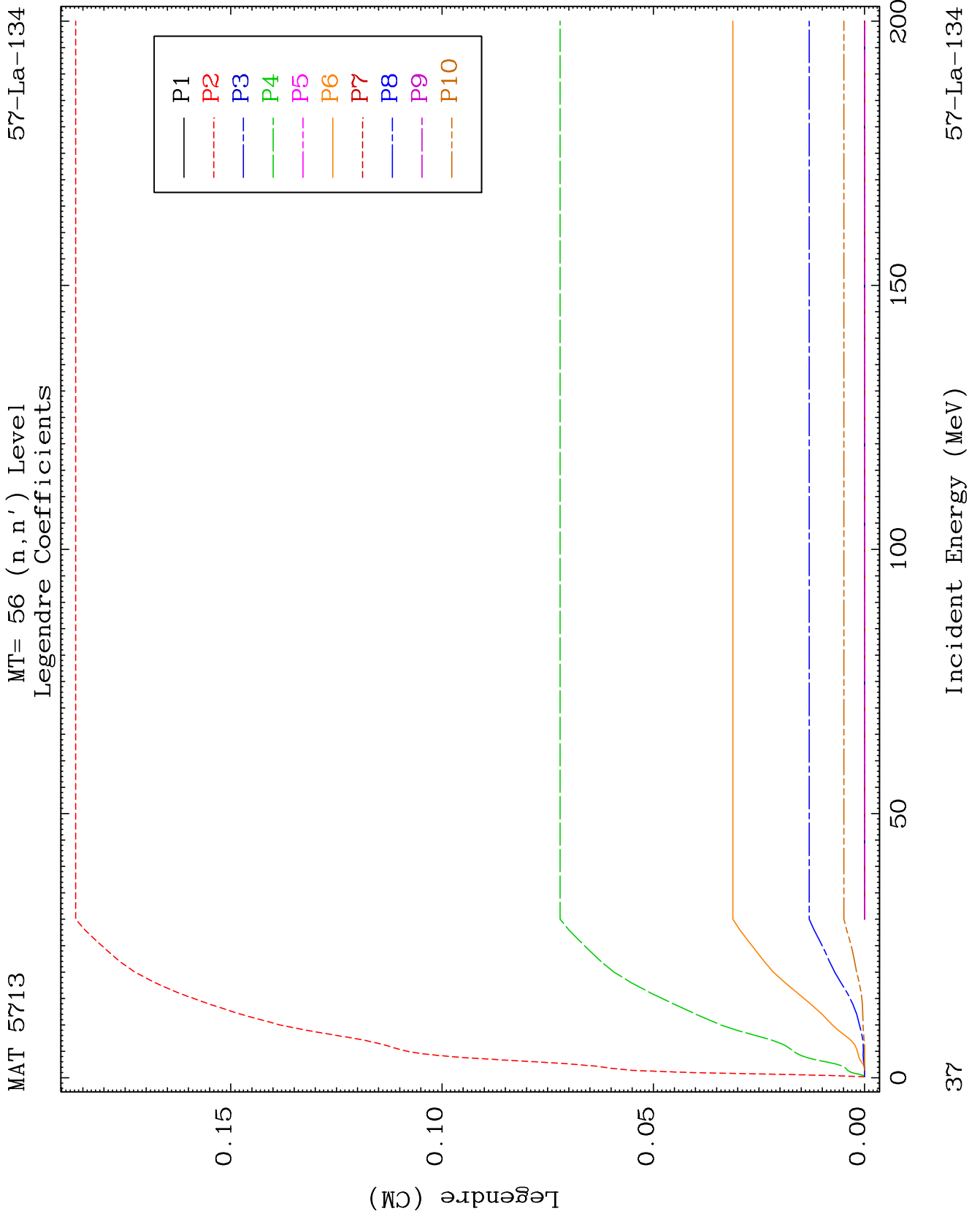
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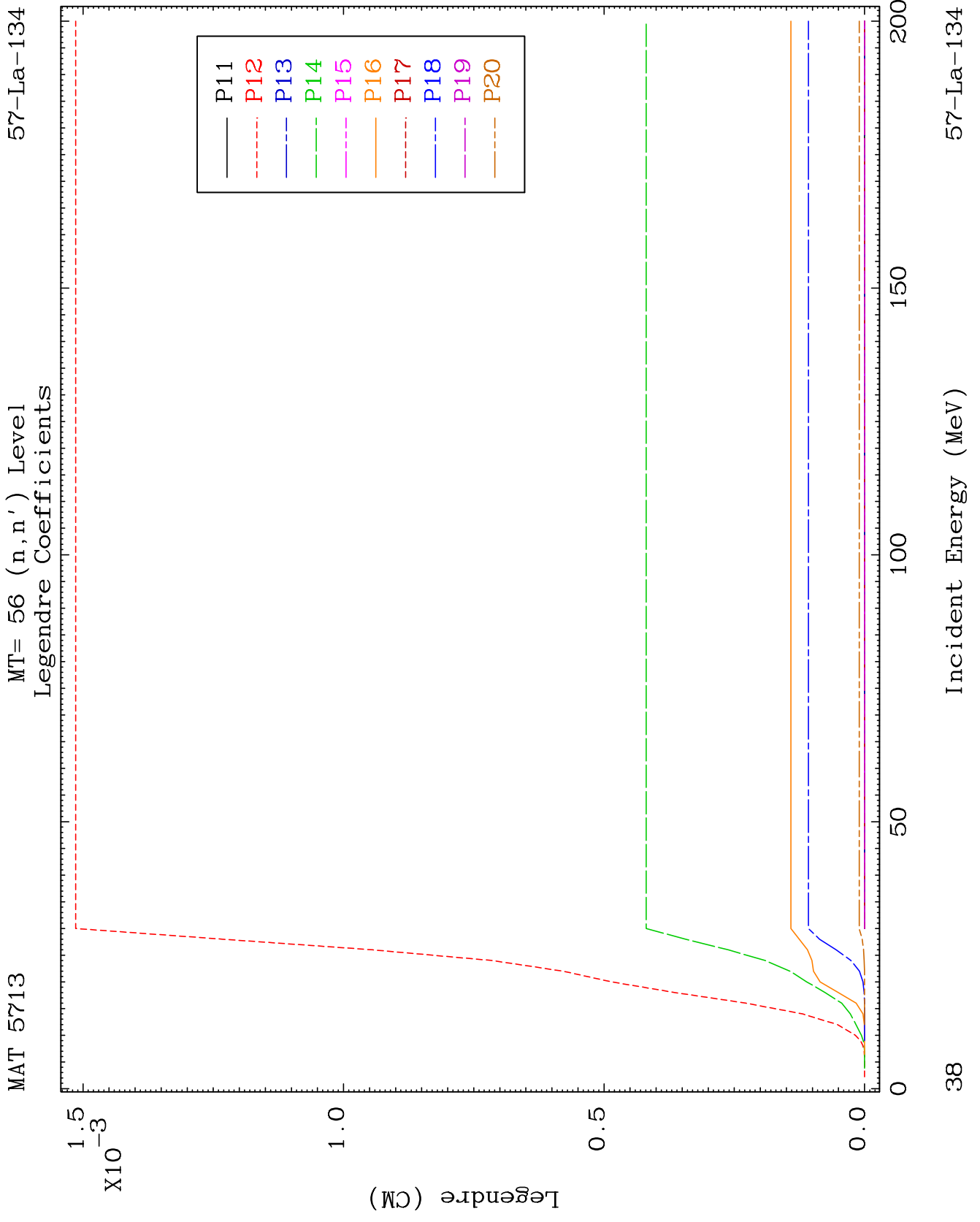
Incident Energy (MeV)

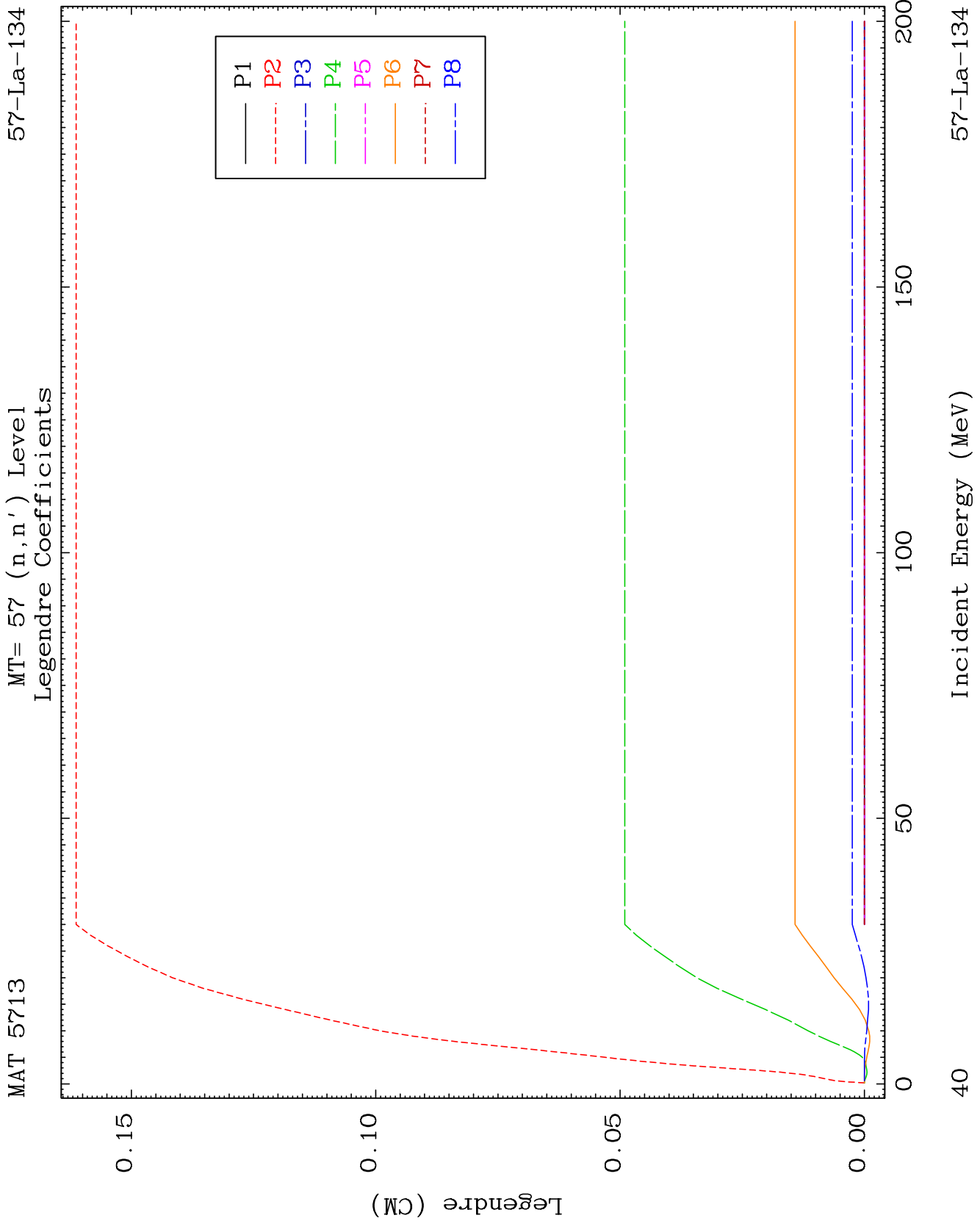
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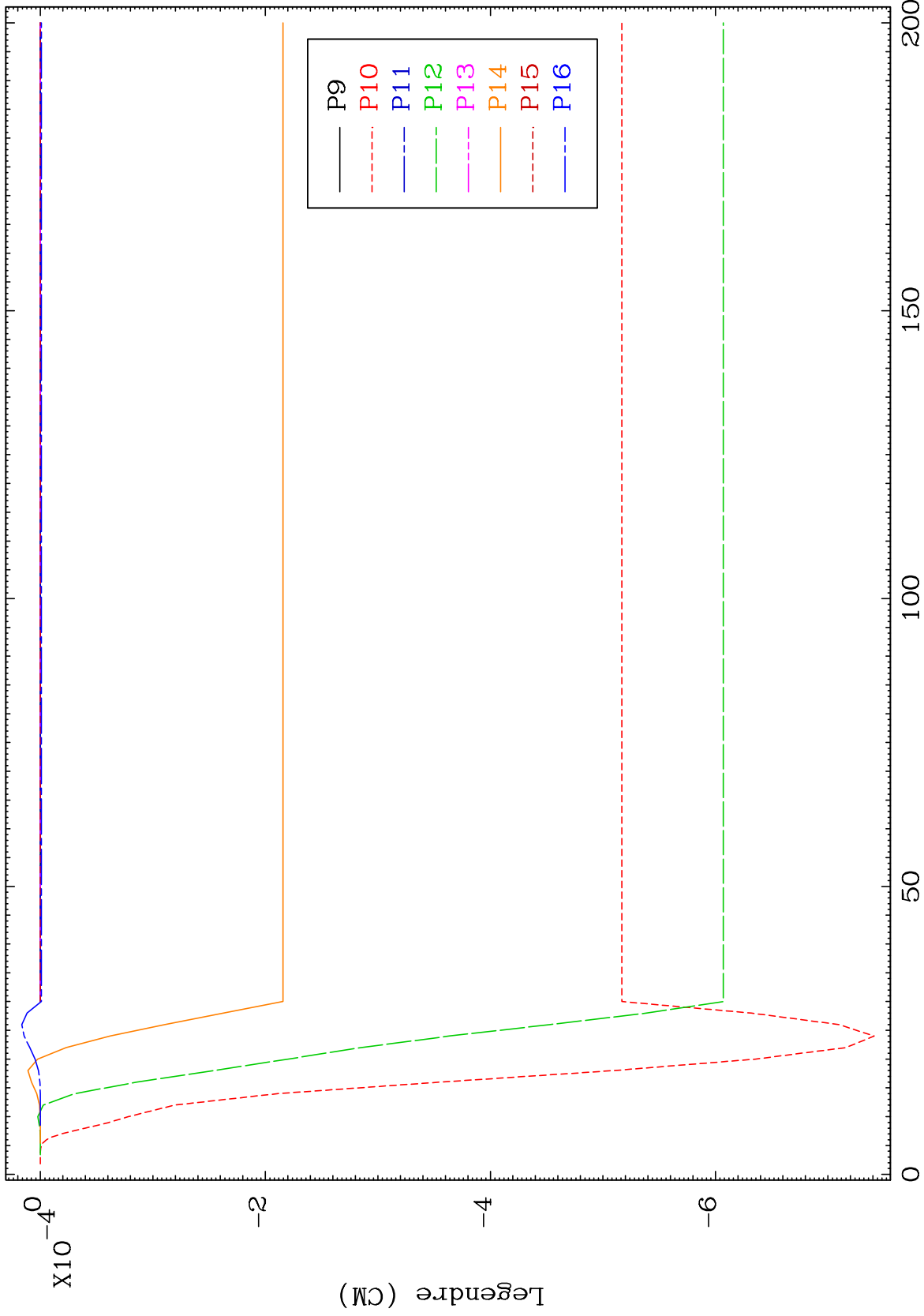




MAT 5713

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

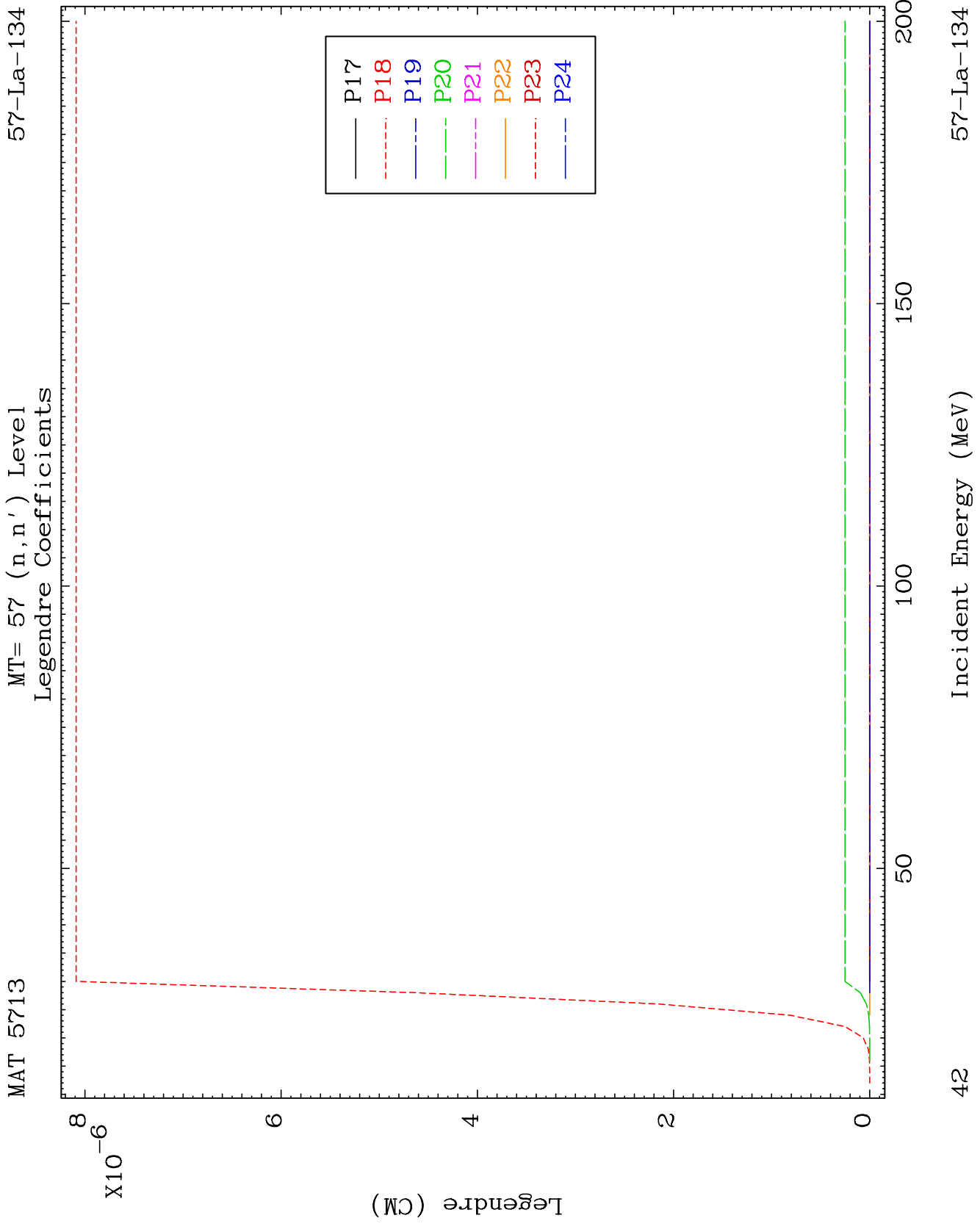
57-La-134



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Incident Energy (MeV)

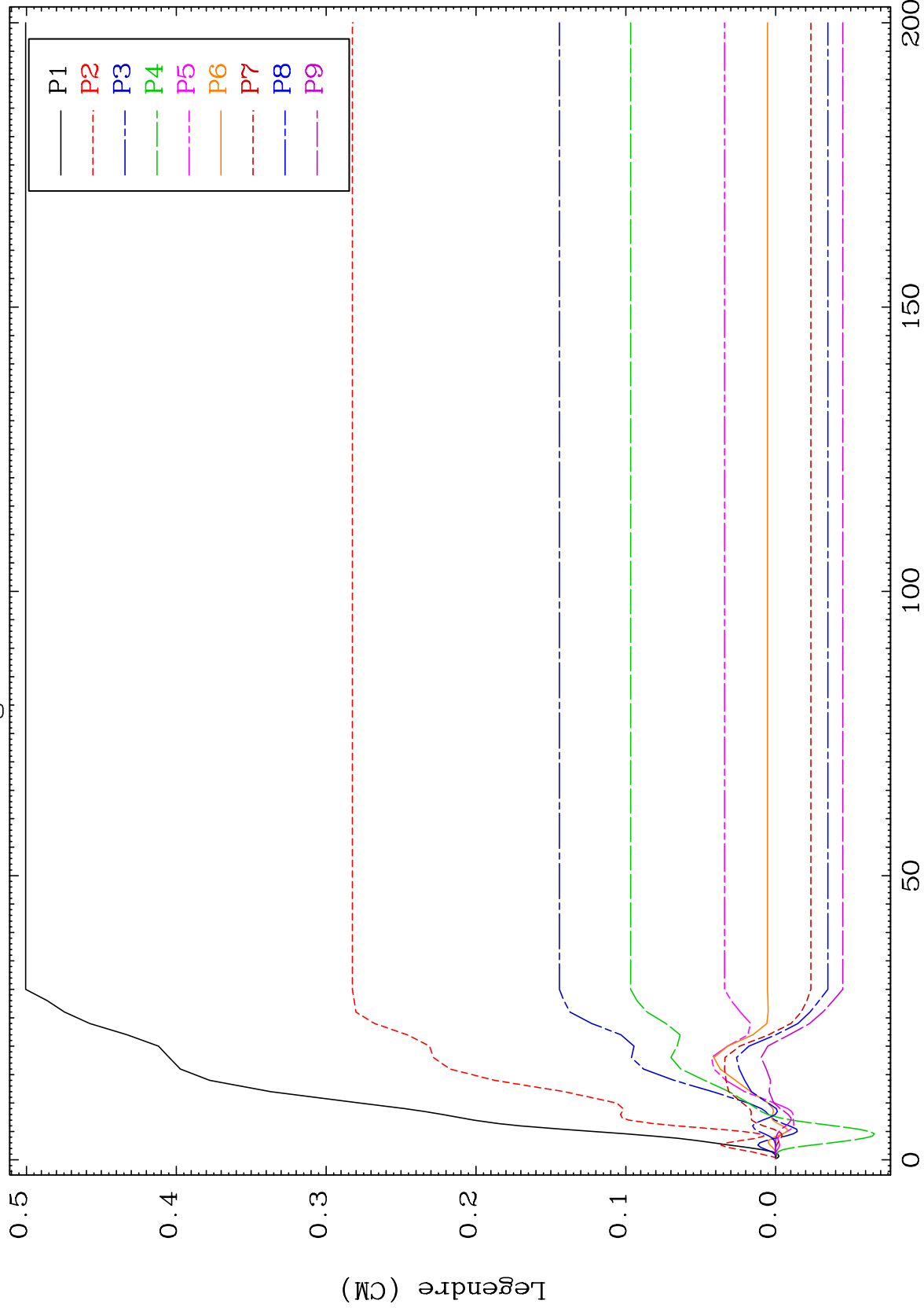
57-La-134



MAT 5713

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

57-La-134



57-La-134

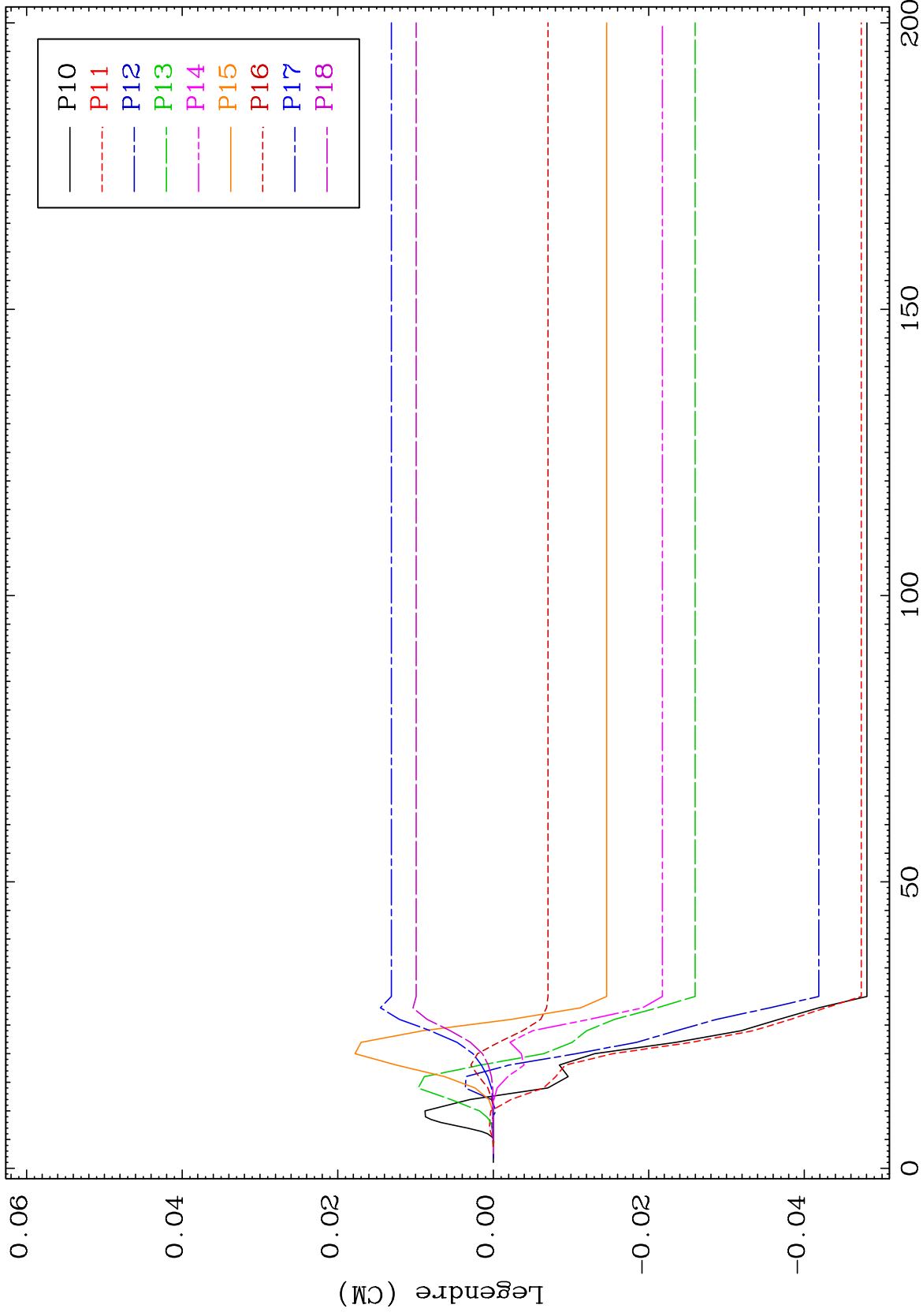
Incident Energy (MeV)

43

MAT 5713

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

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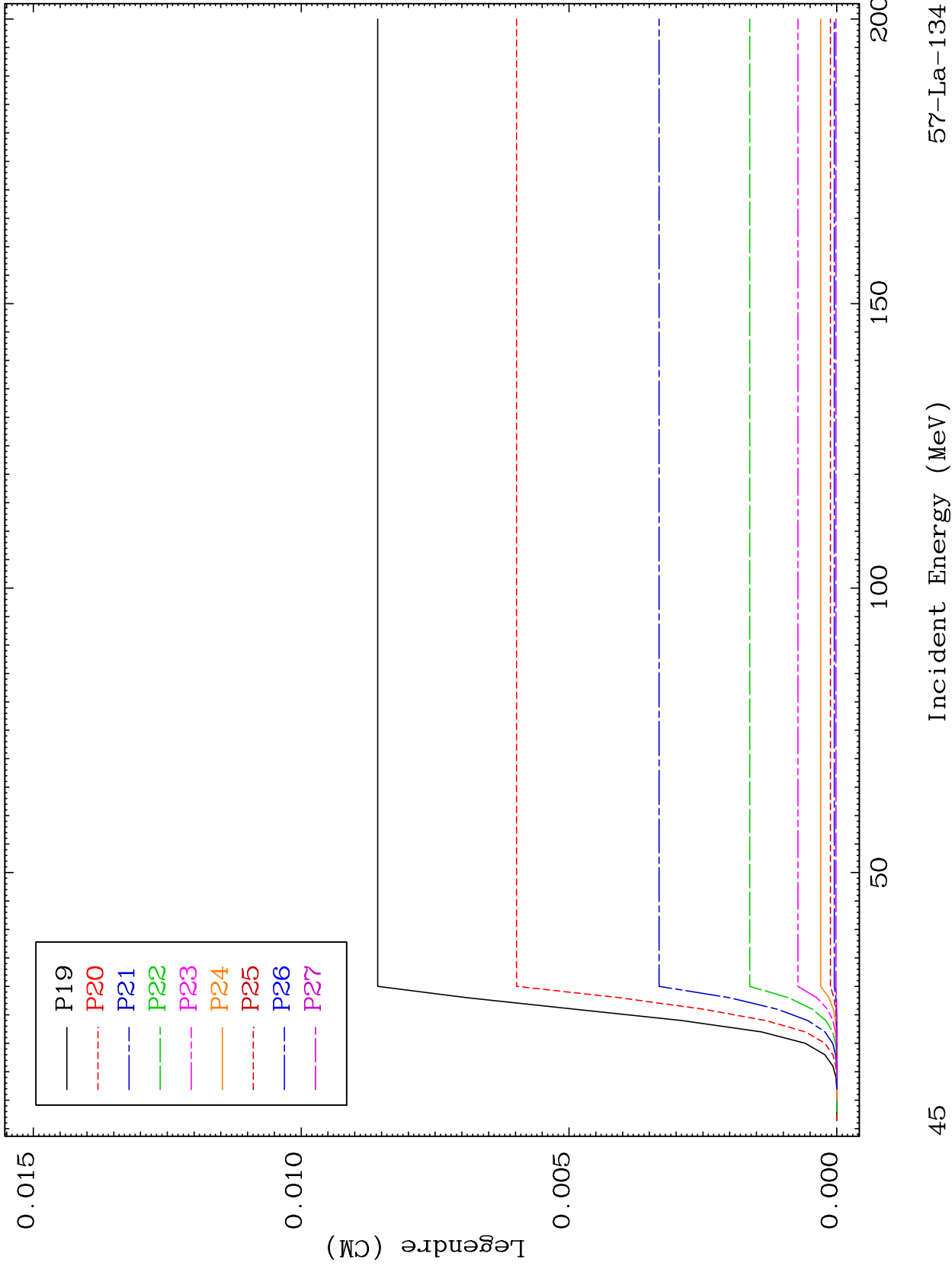
Incident Energy (MeV)

57-La-134

MAT 5713

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

57-La-134



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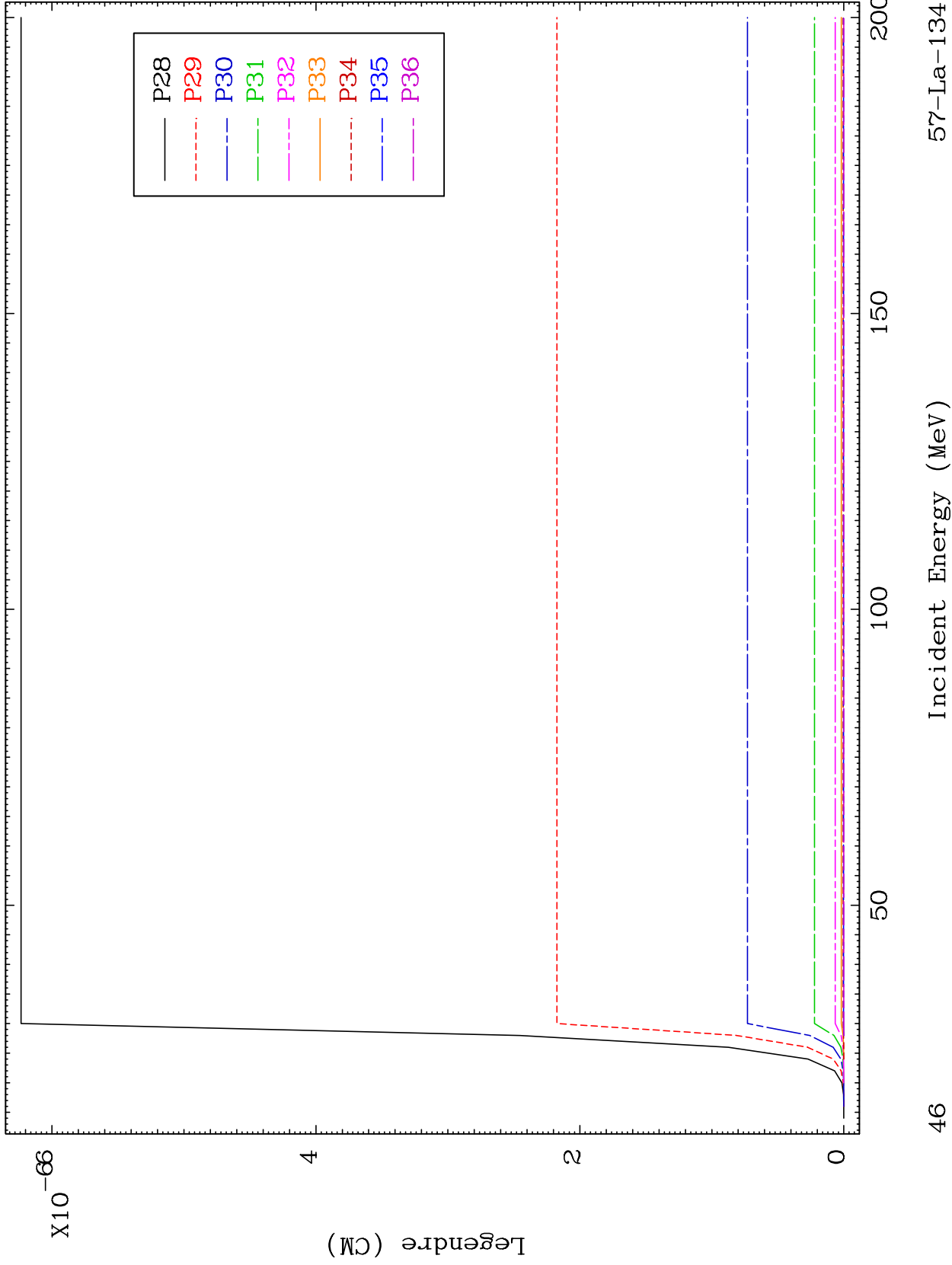
Incident Energy (MeV)

57-La-134

MAT 5713

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

57-La-134



46

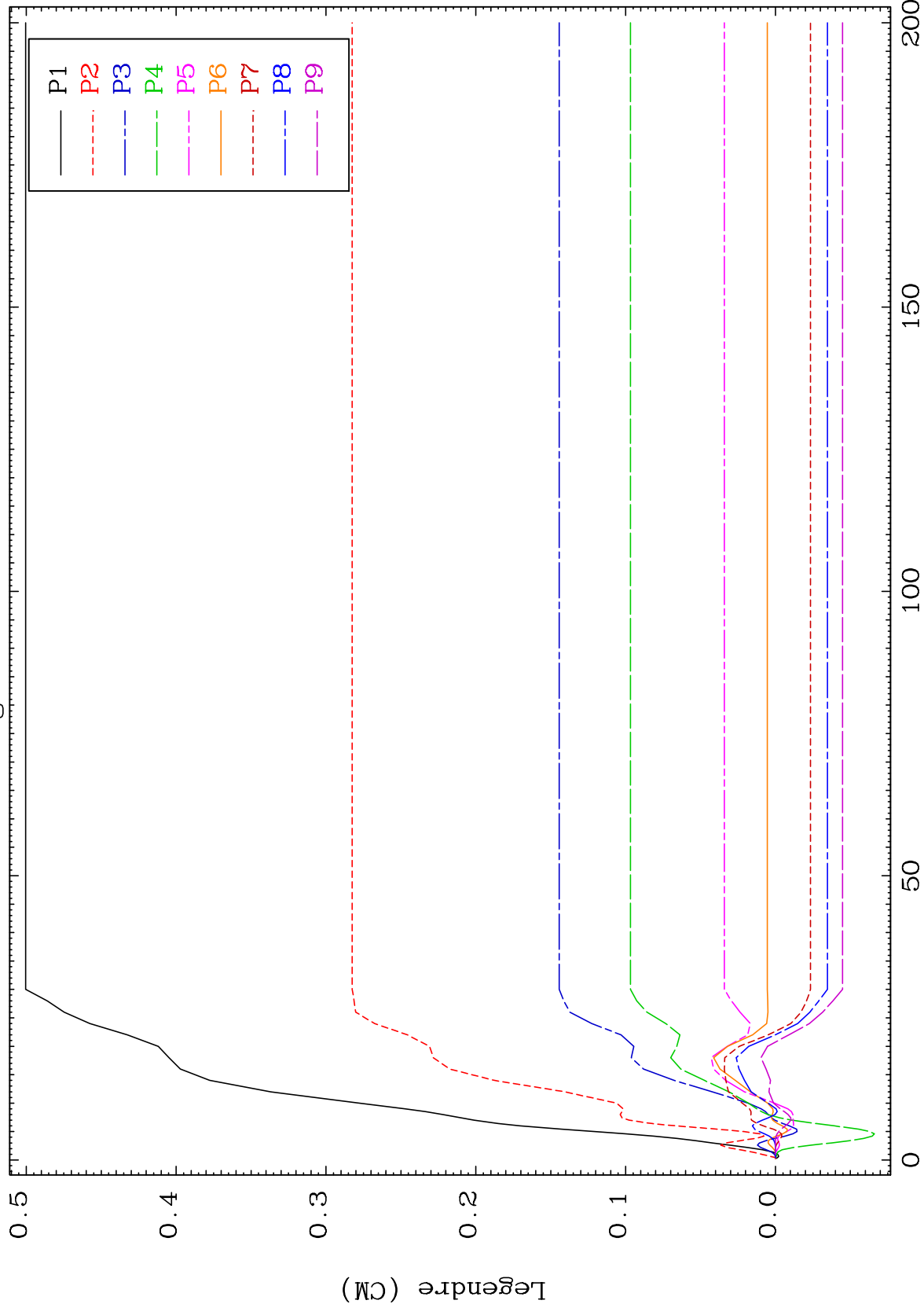
Incident Energy (MeV)

57-La-134

MAT 5713

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

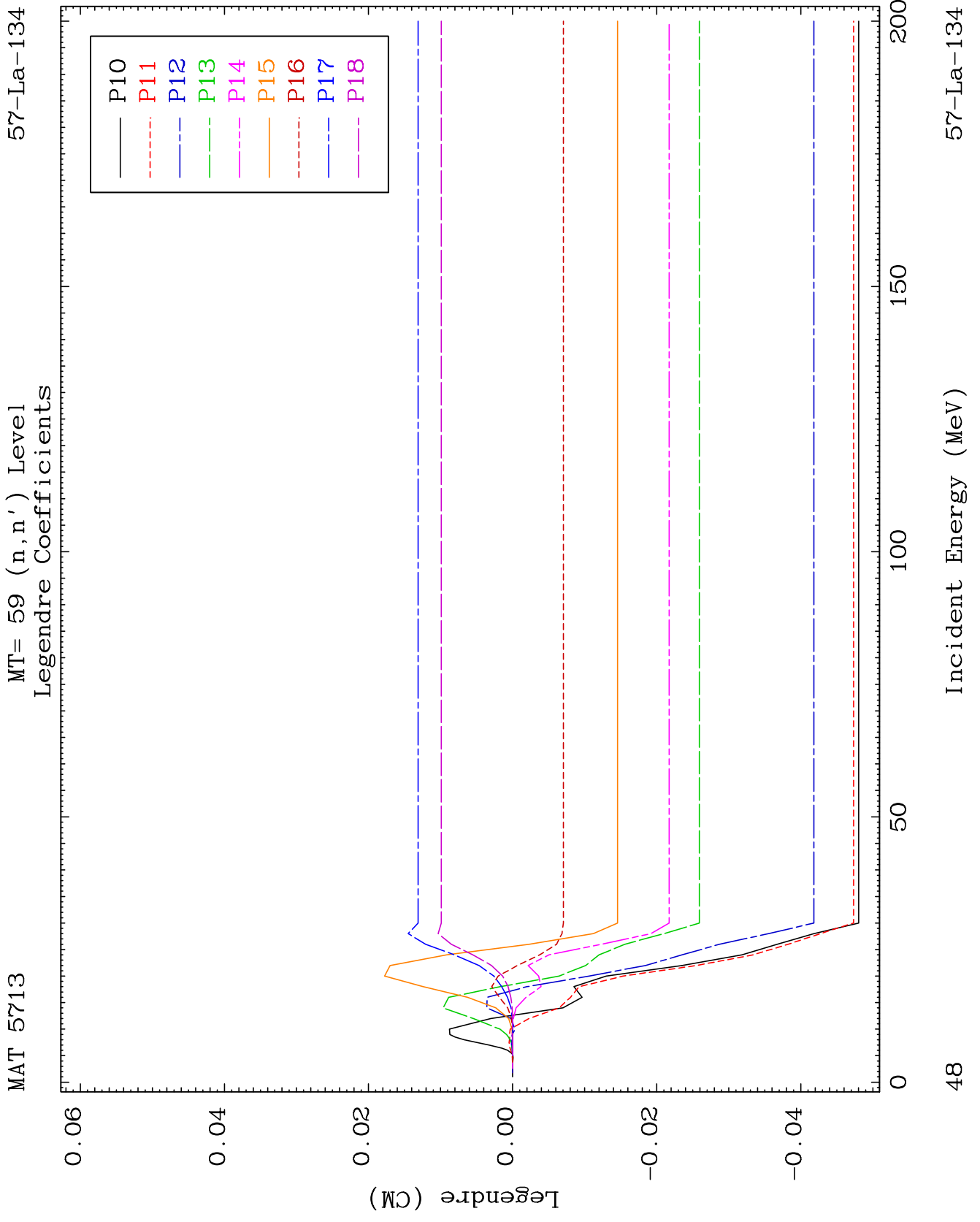
57-La-134



57-La-134

Incident Energy (MeV)

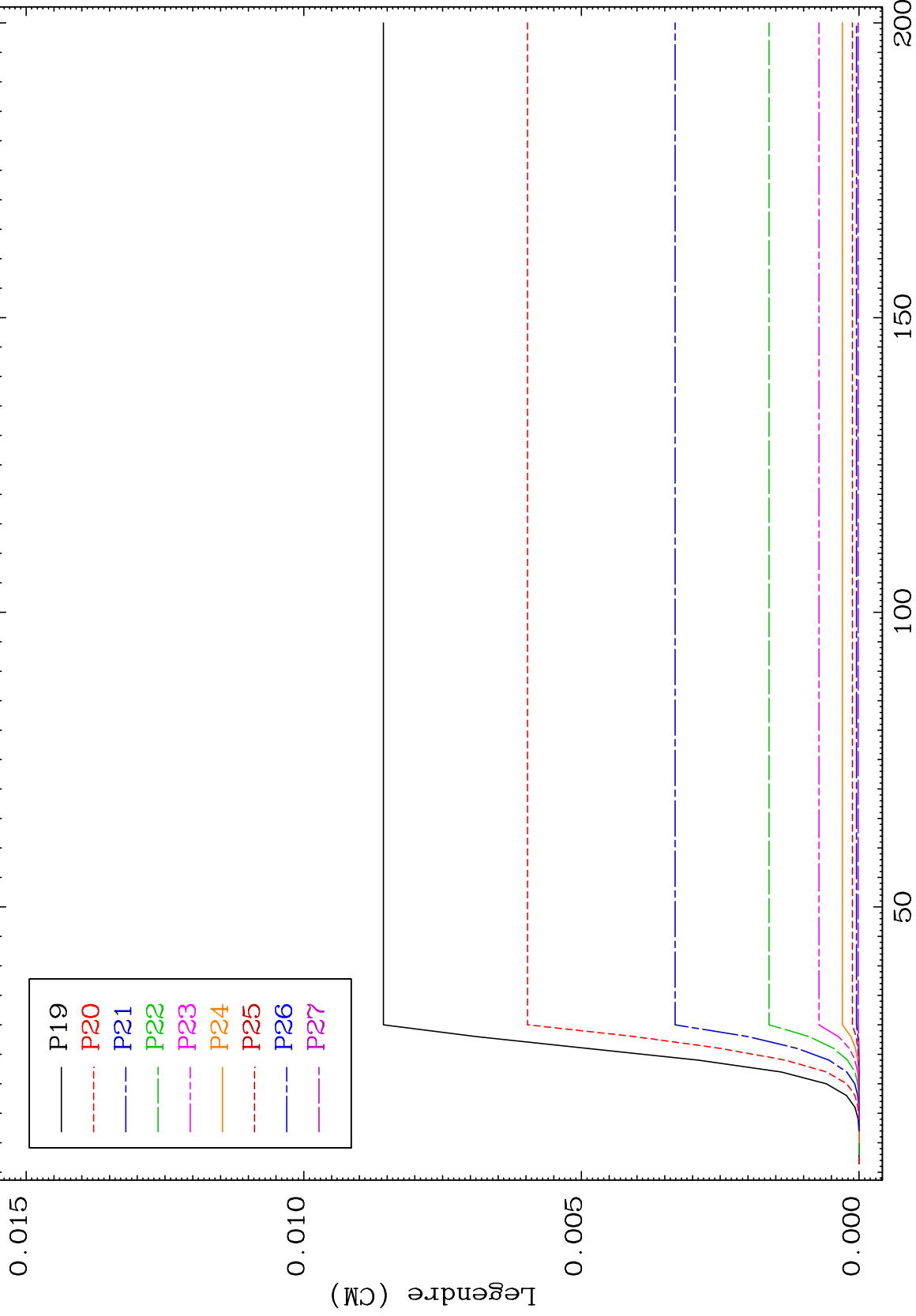
47



MAT 5713

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

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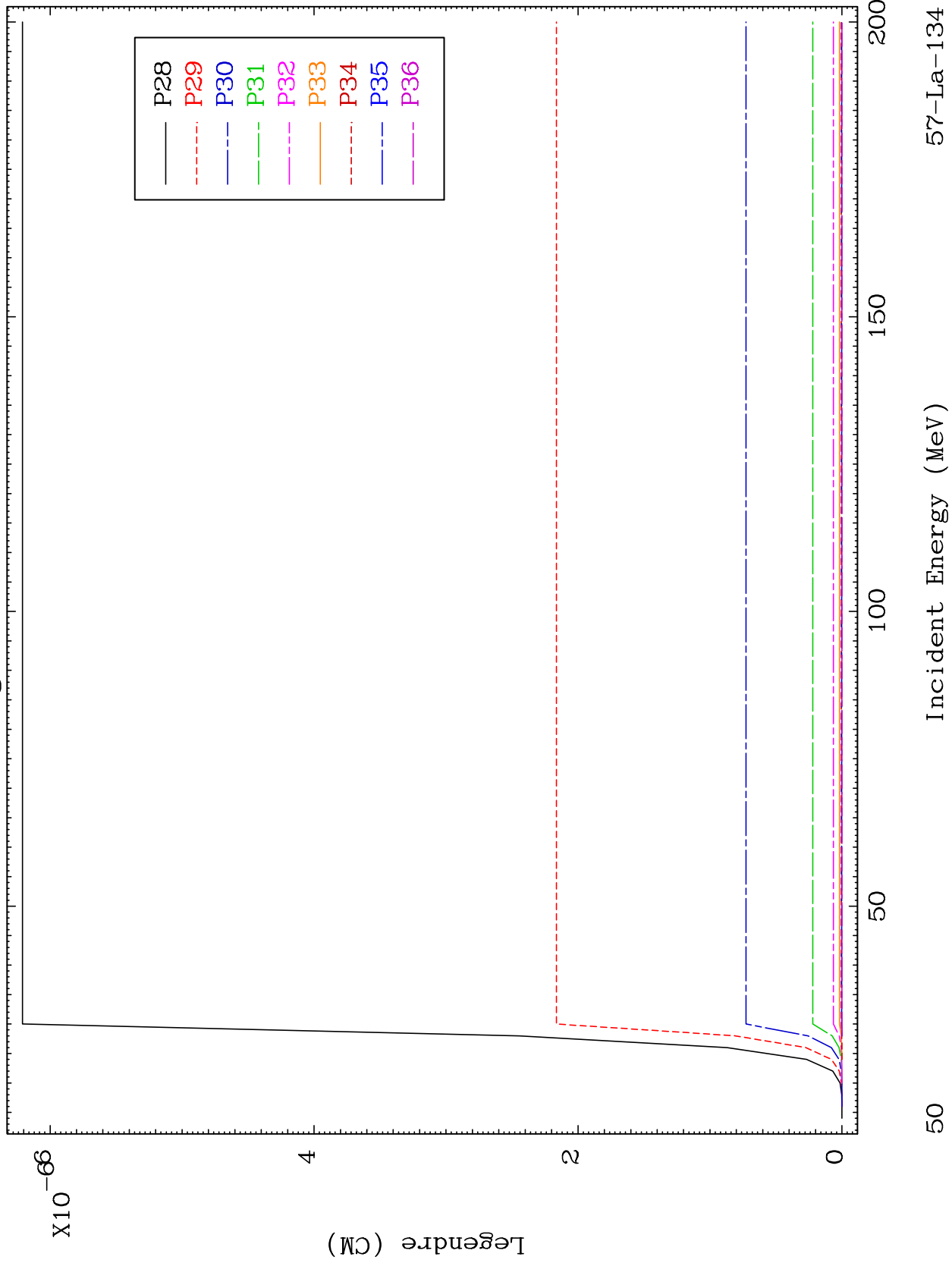
Incident Energy (MeV)

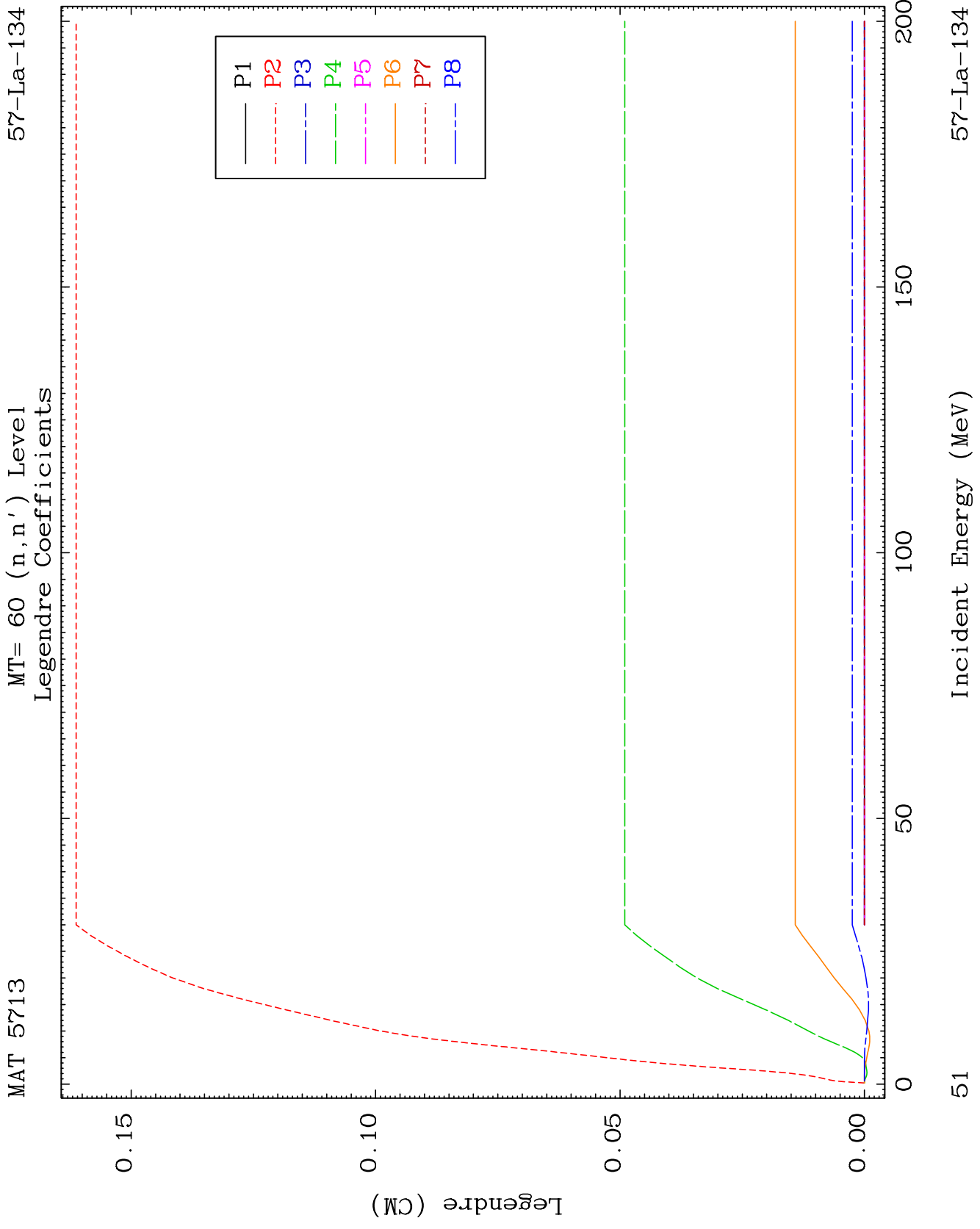
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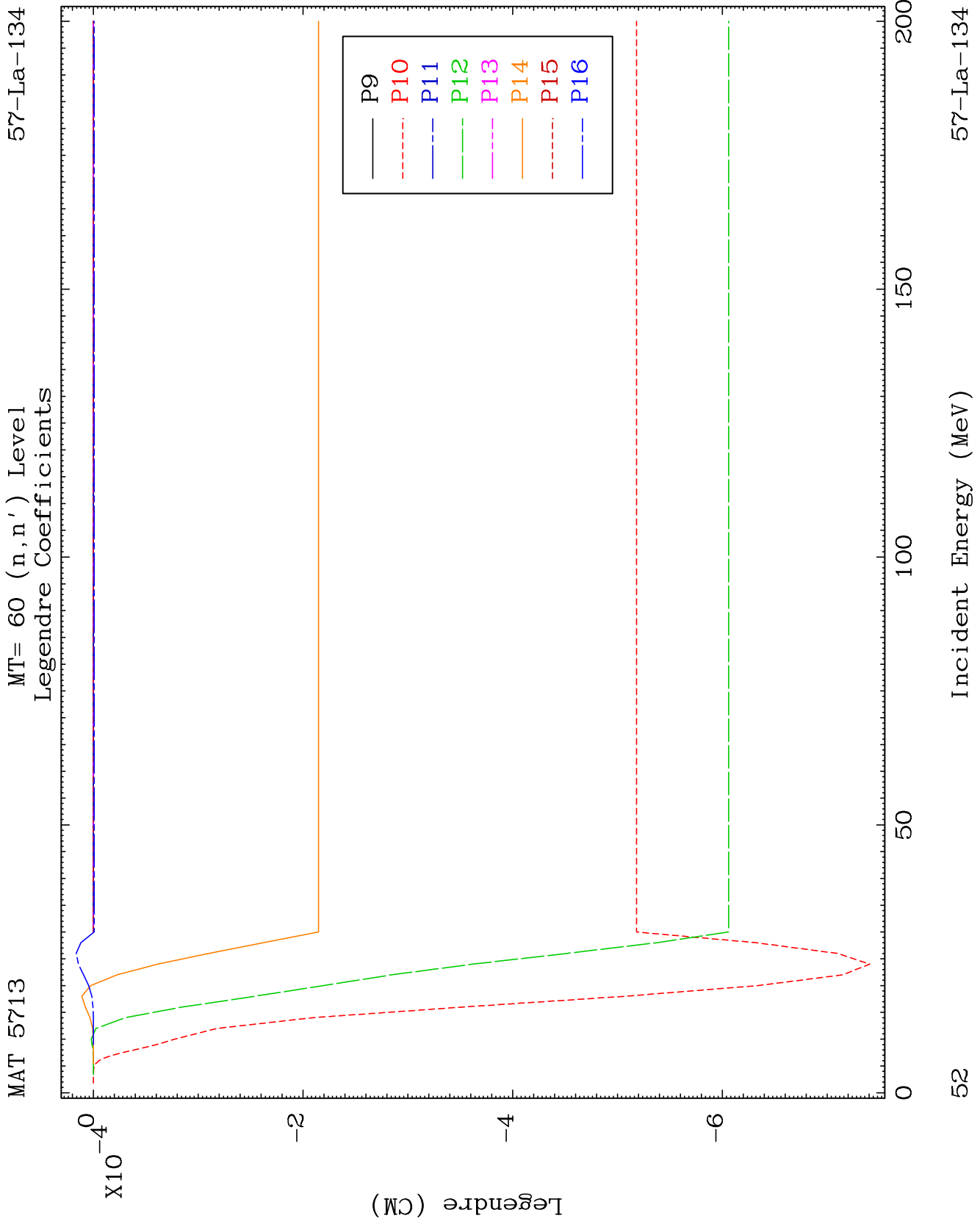
MAT 5713

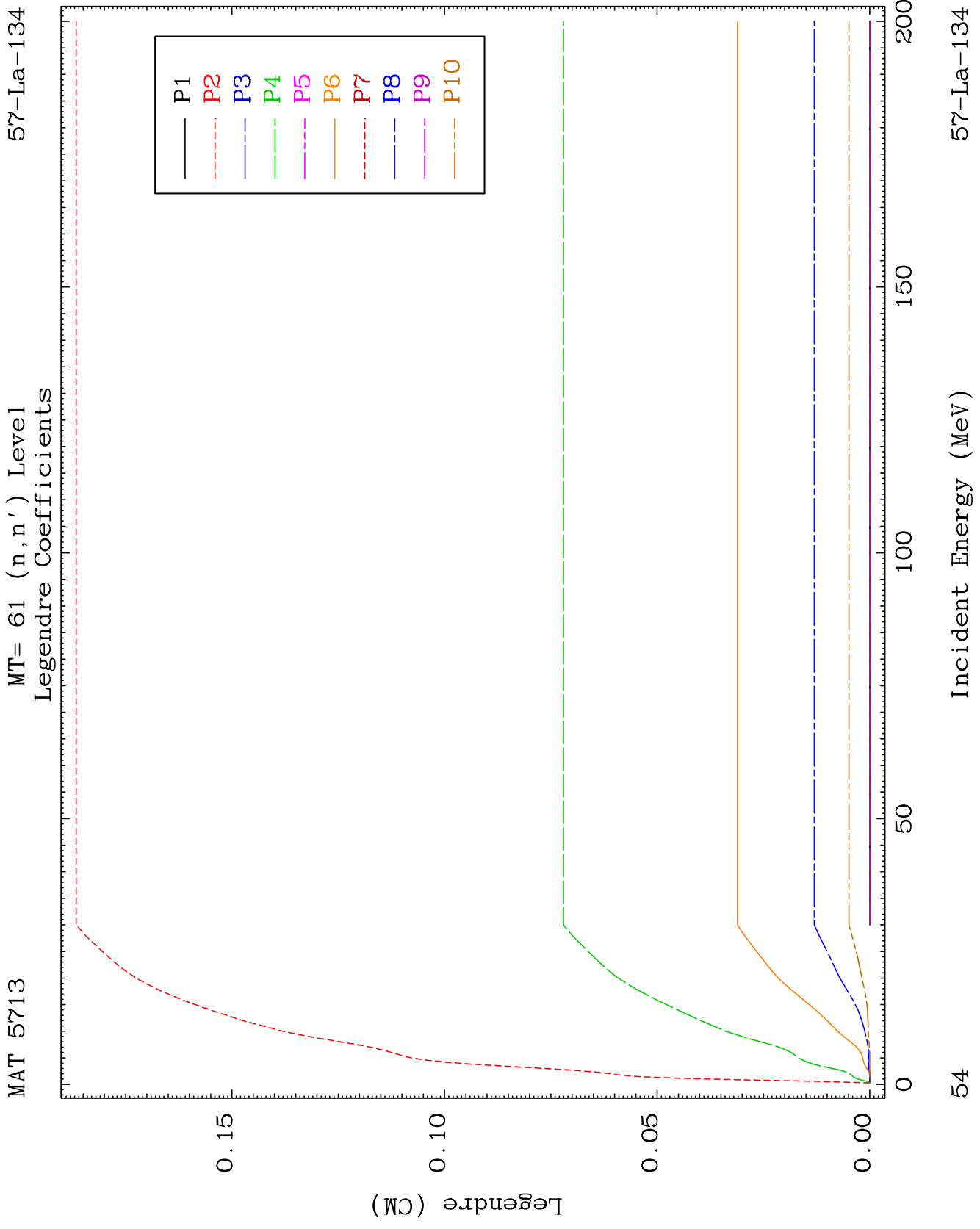
MT= 59 (n,n') Level
Legendre Coefficients

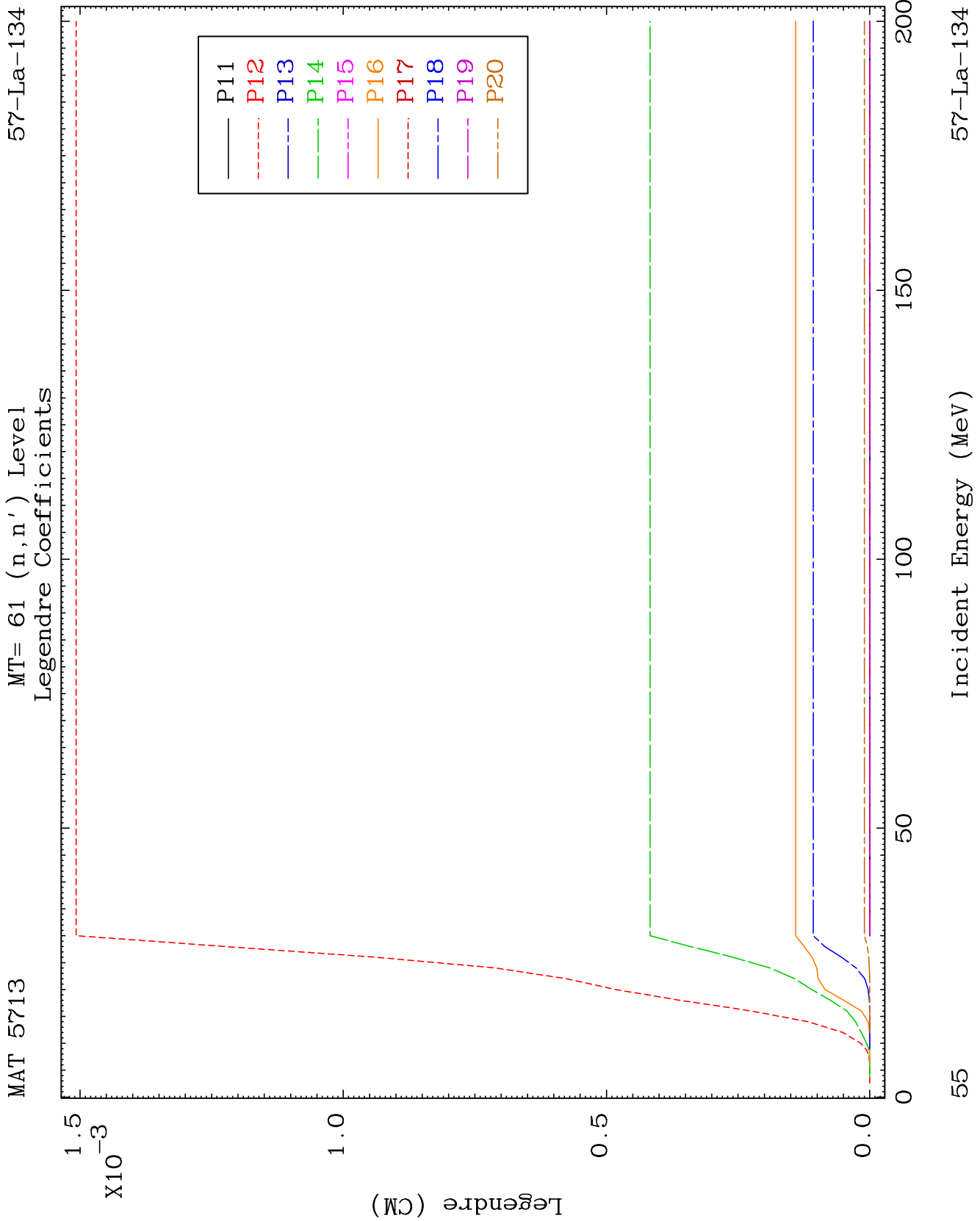
57-La-134

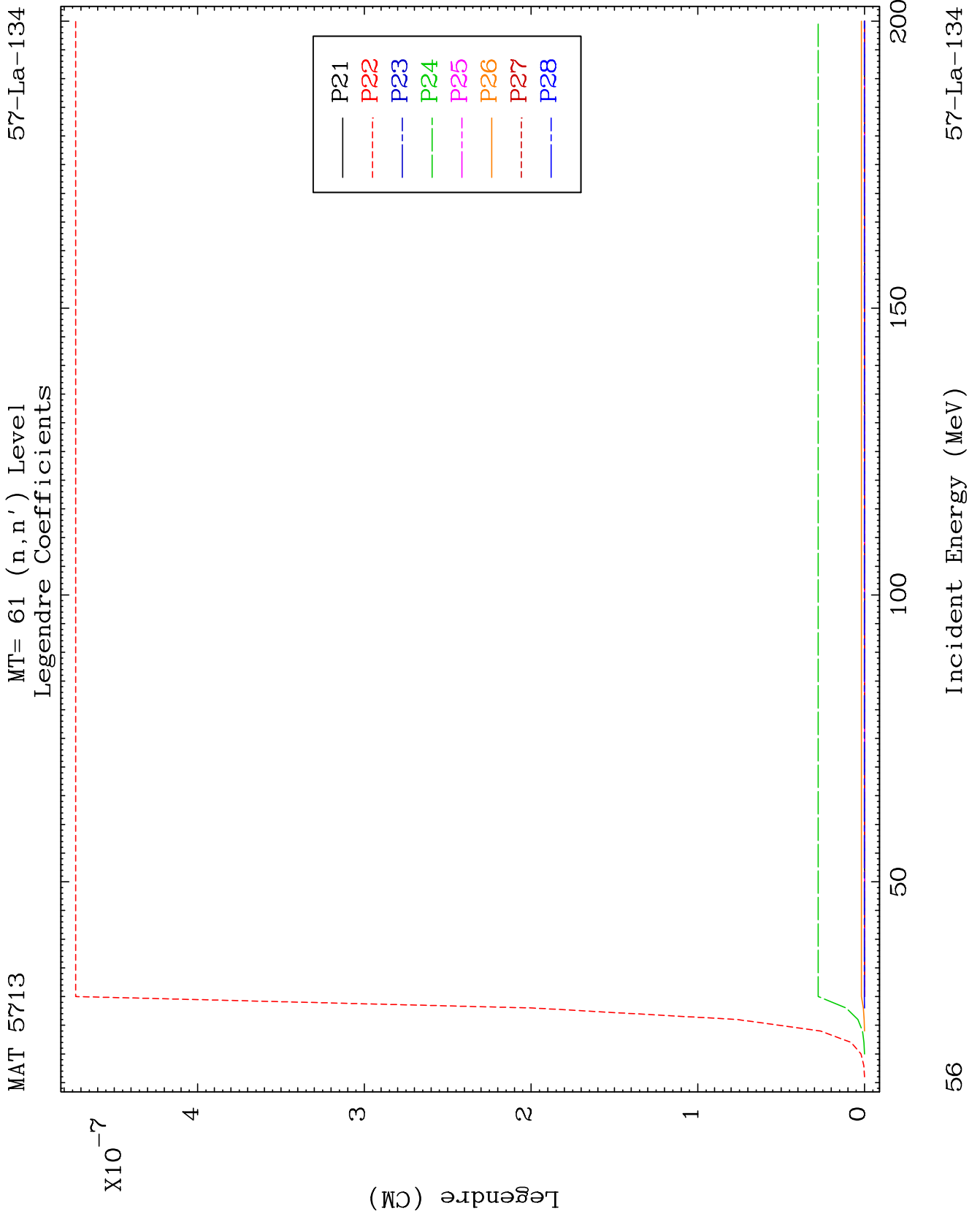








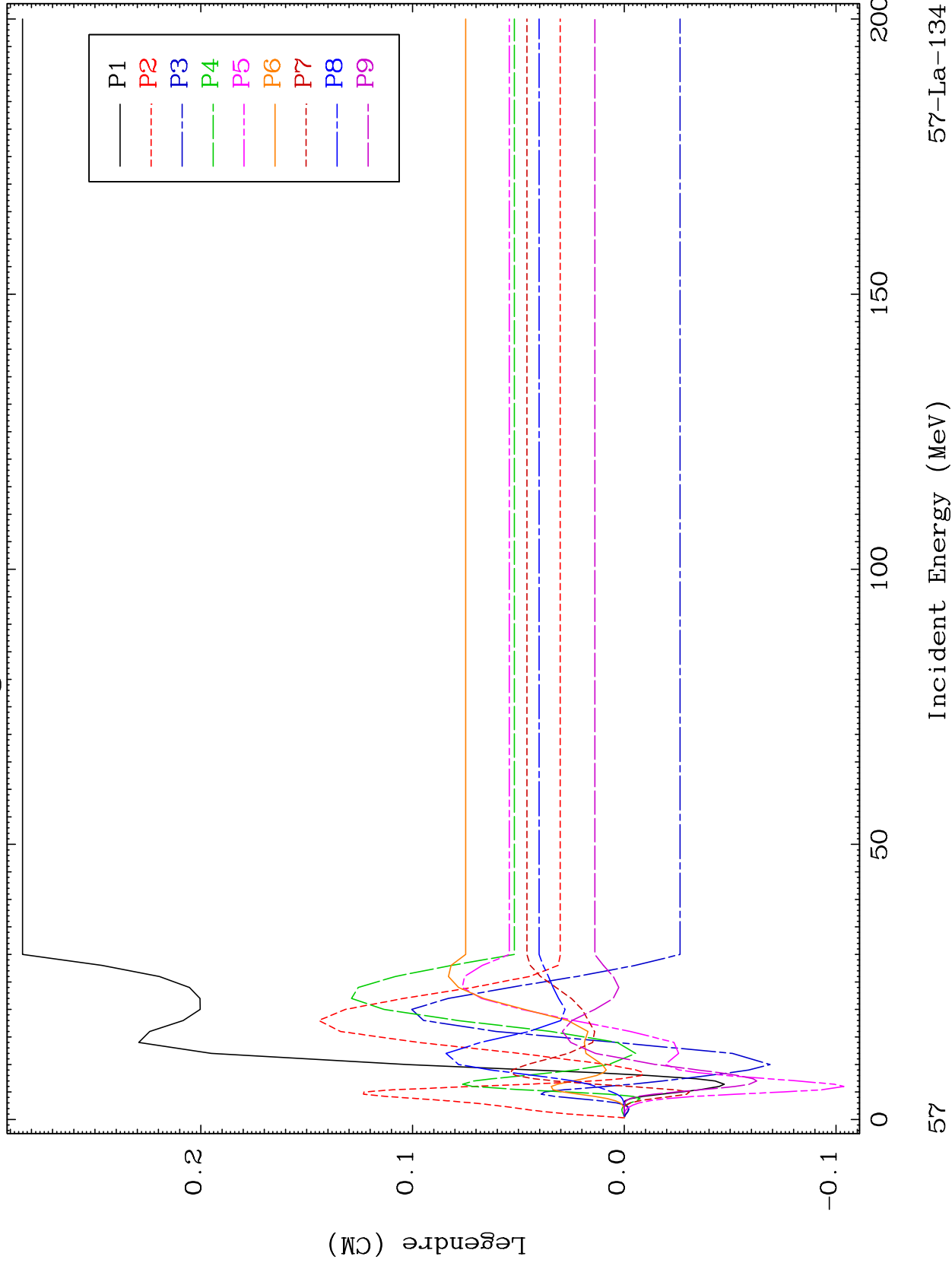




MAT 5713

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

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57-La-134

Incident Energy (MeV)

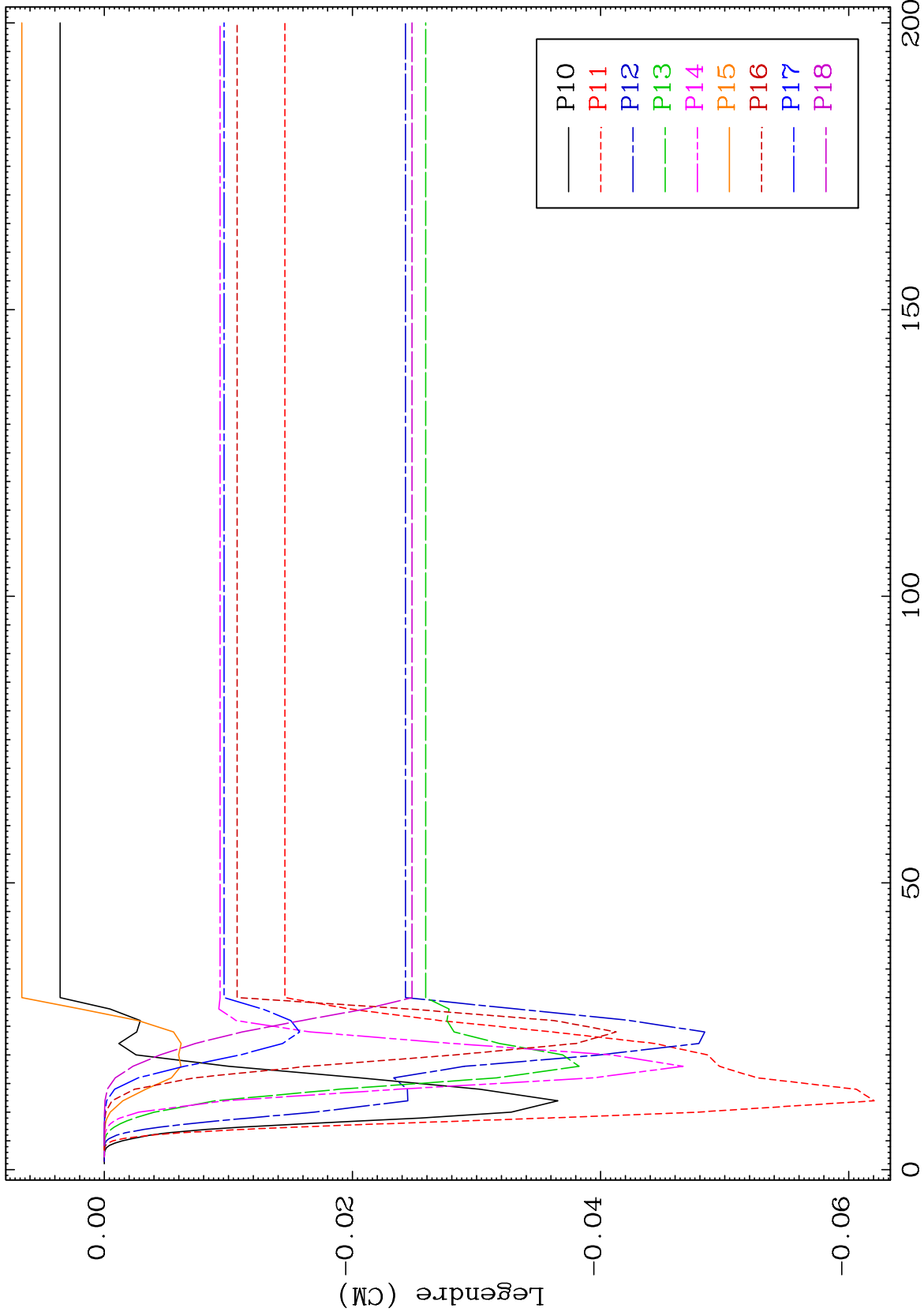
57

MAT 5713

MT= 62 (n,n') Level

57-La-134

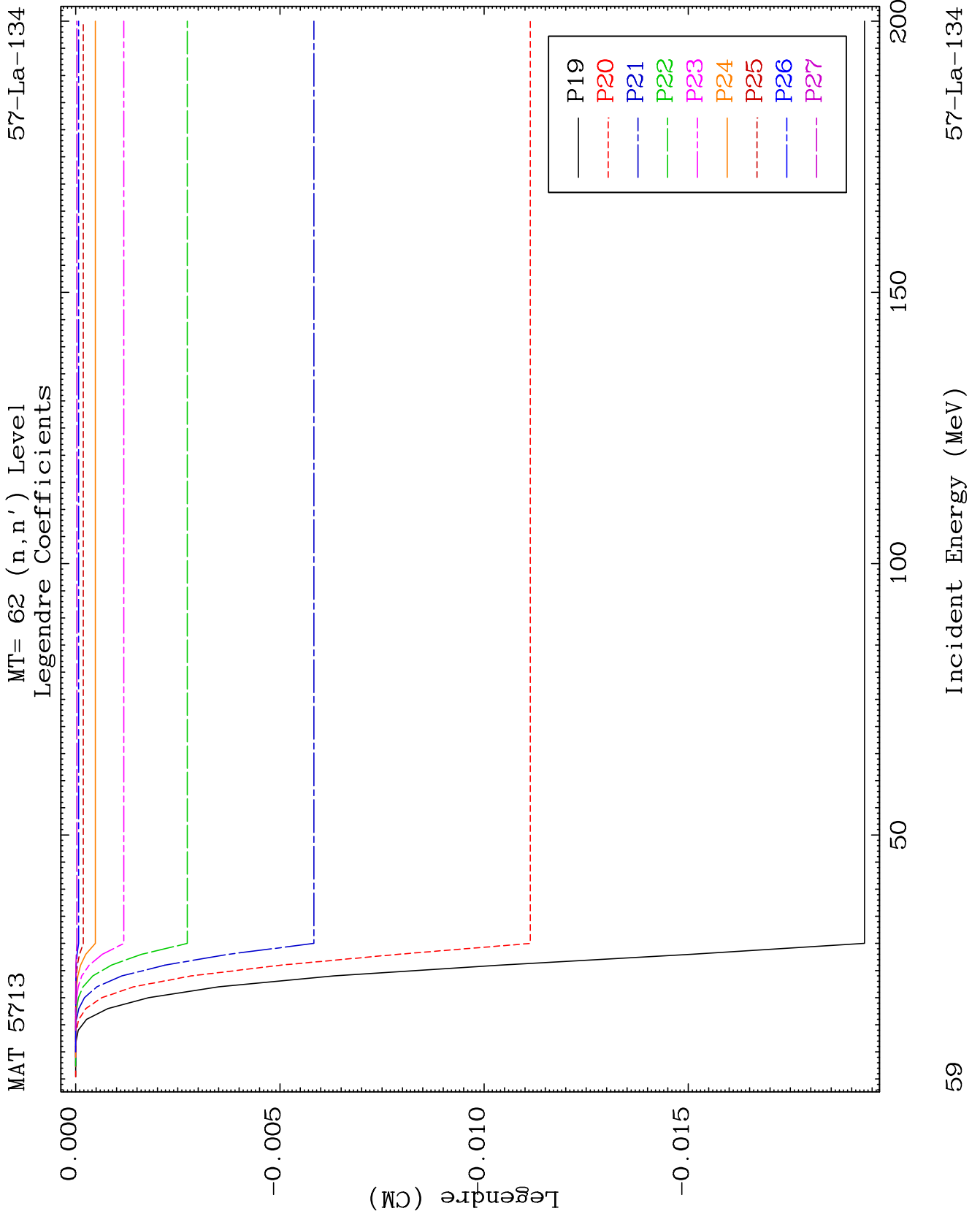
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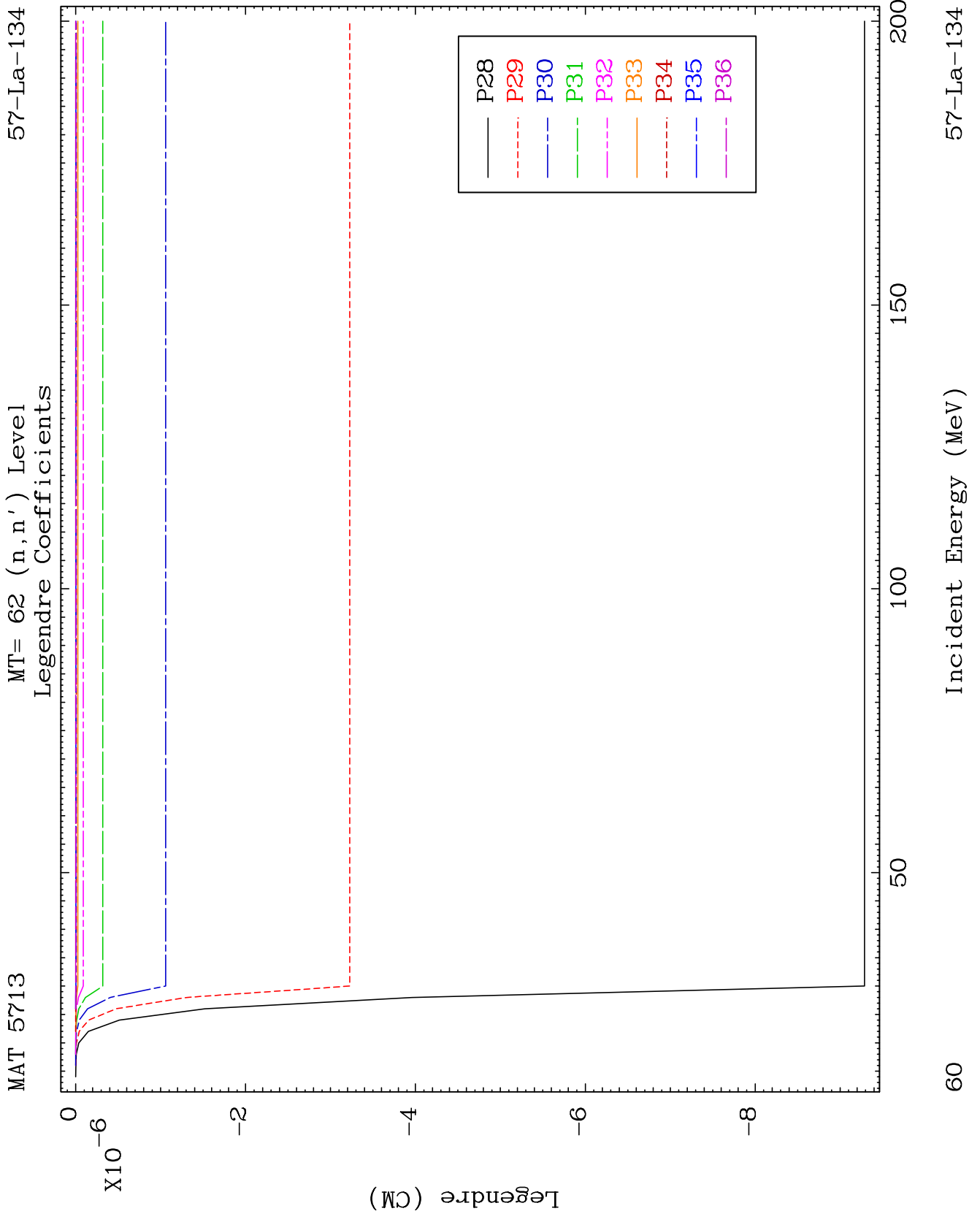


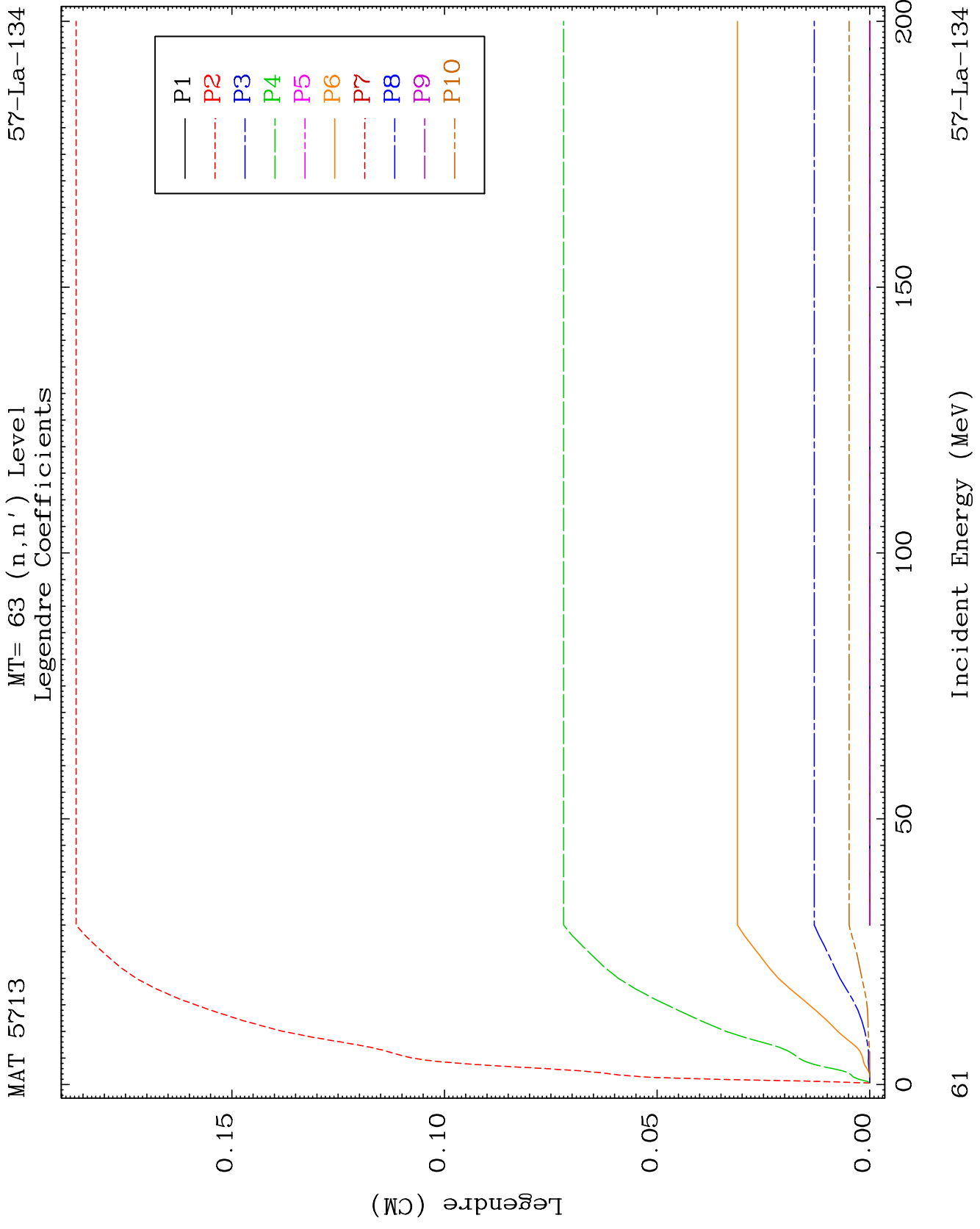
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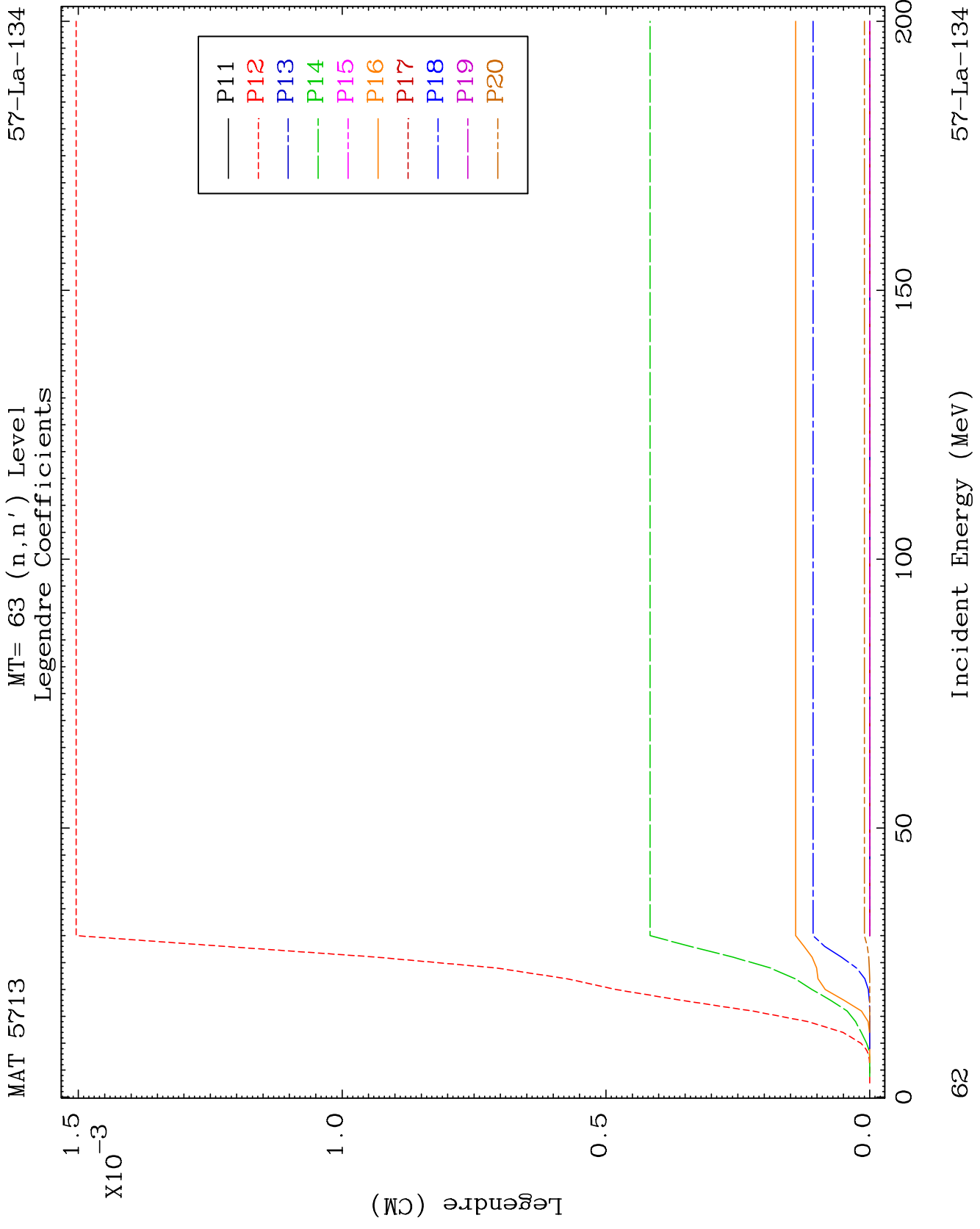
Incident Energy (MeV)

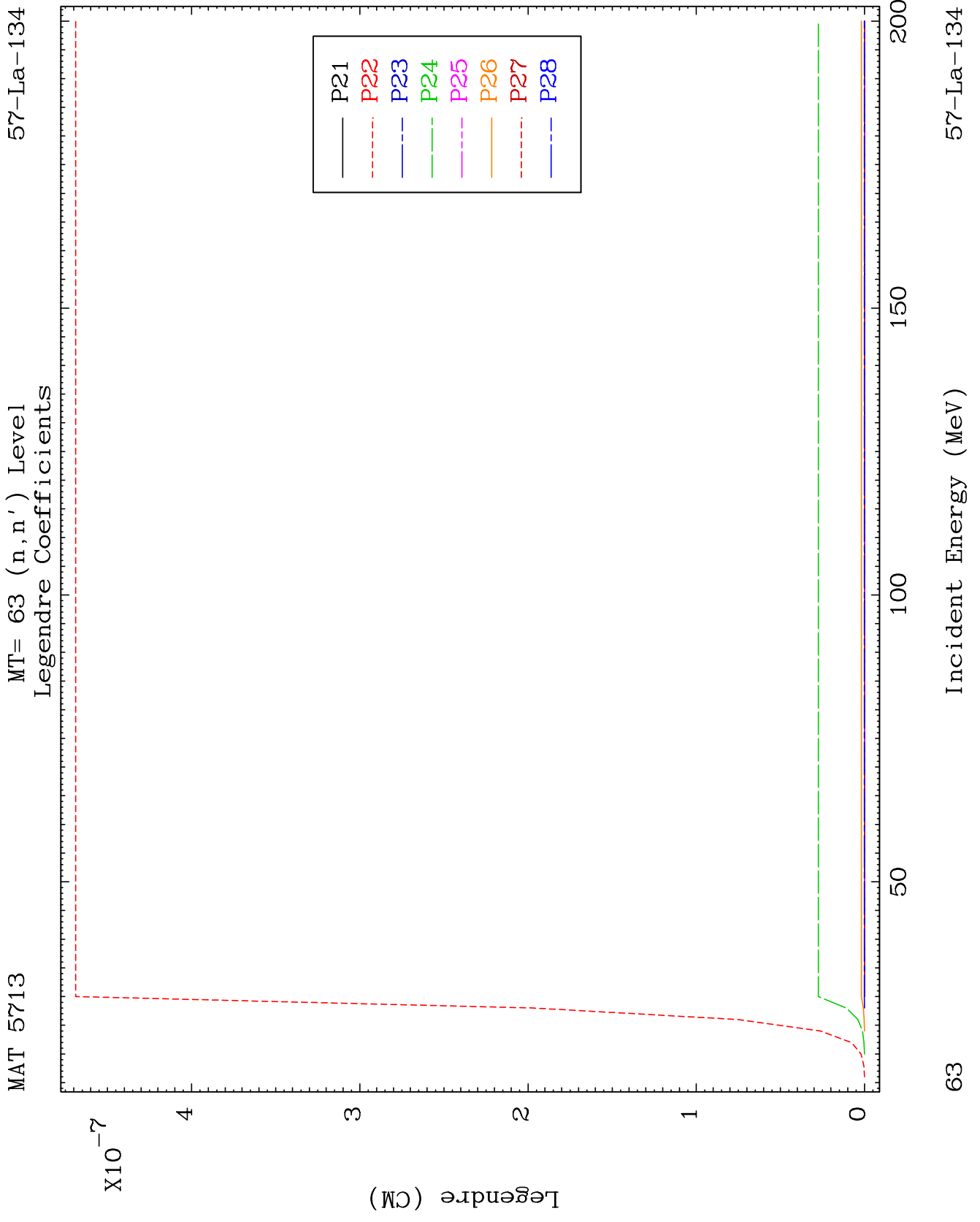
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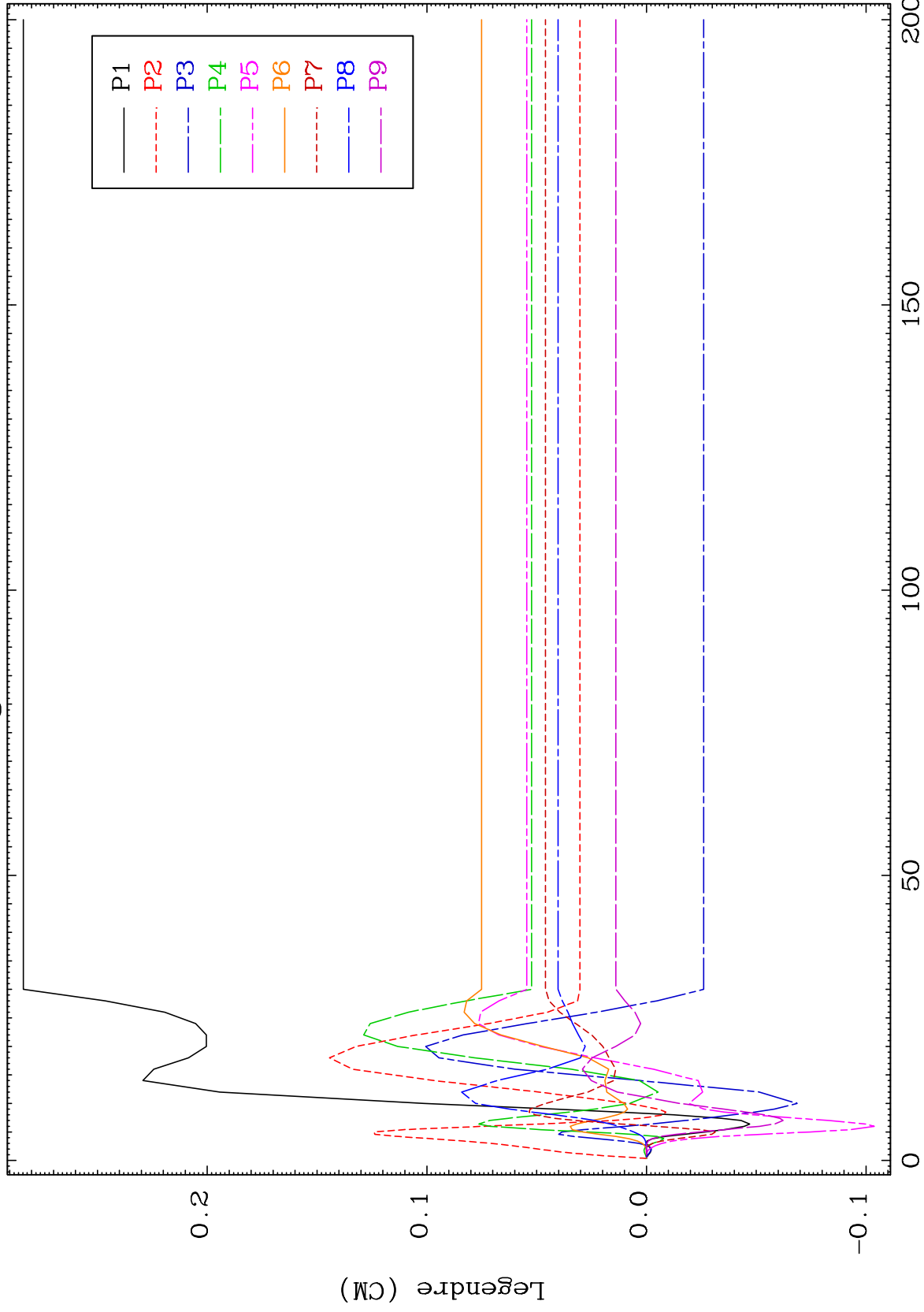




MAT 5713

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

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64

Incident Energy (MeV)

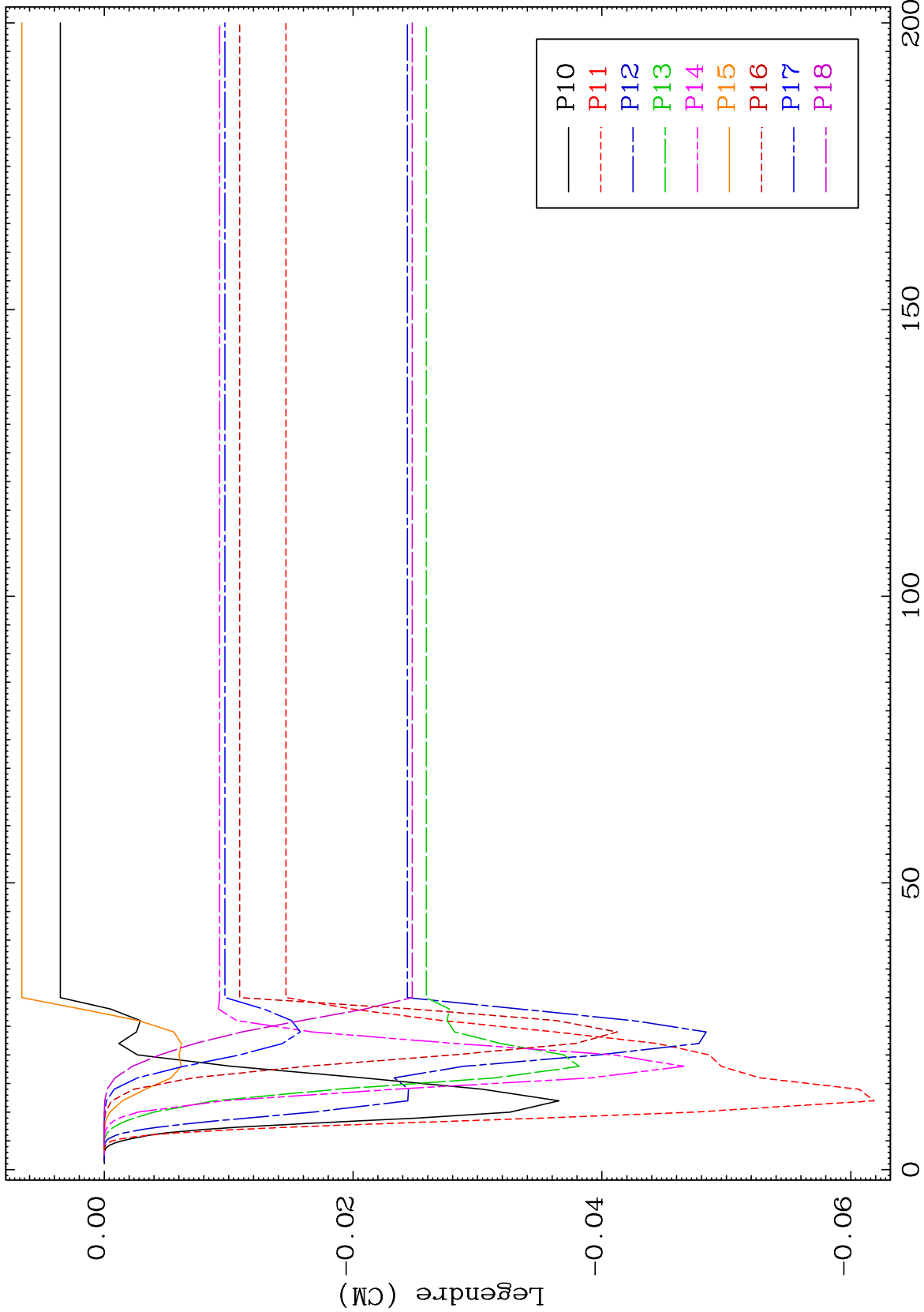
57-La-134

MAT 5713

MT= 64 (n,n') Level

57-La-134

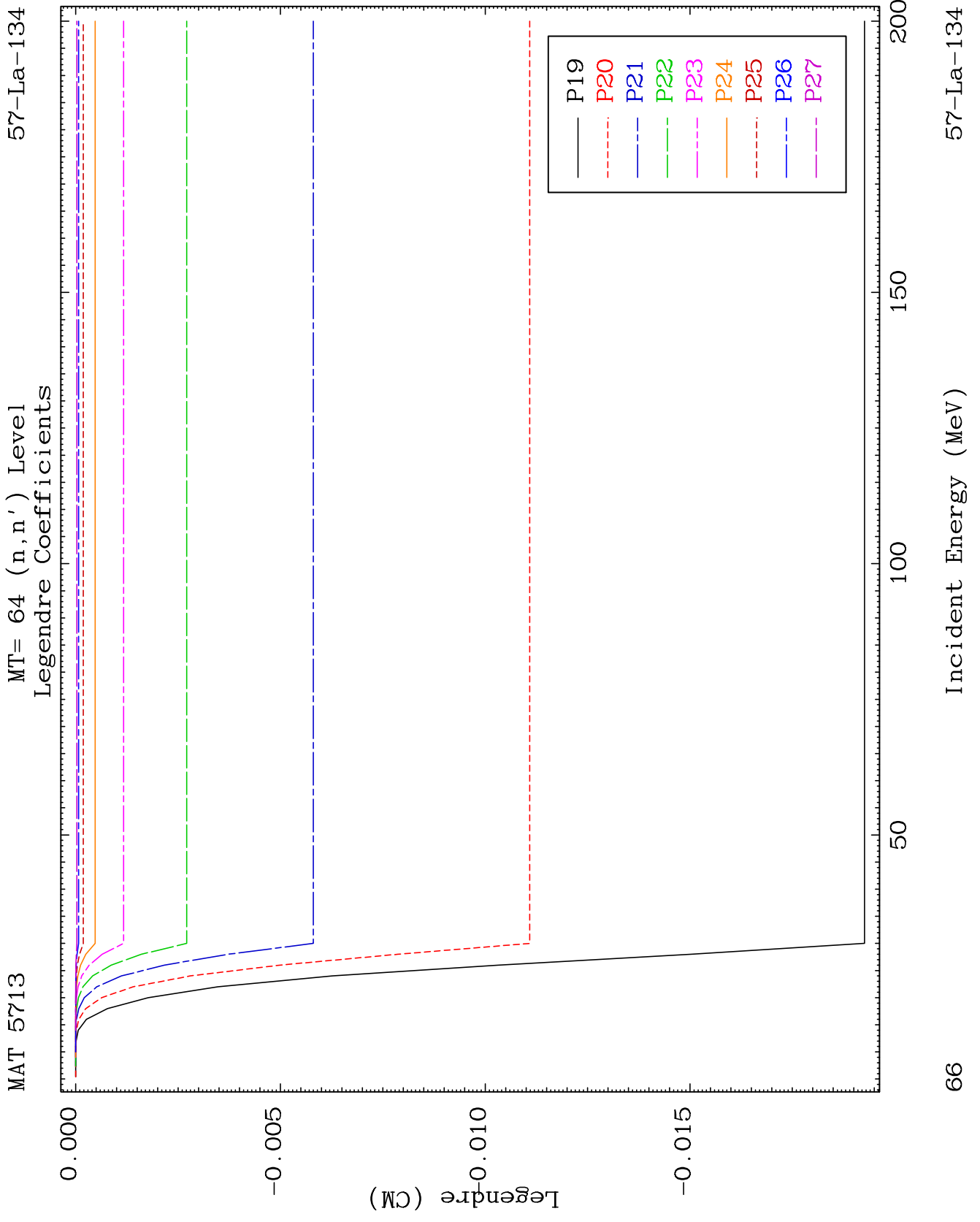
Legendre Coefficients



65

Incident Energy (MeV)

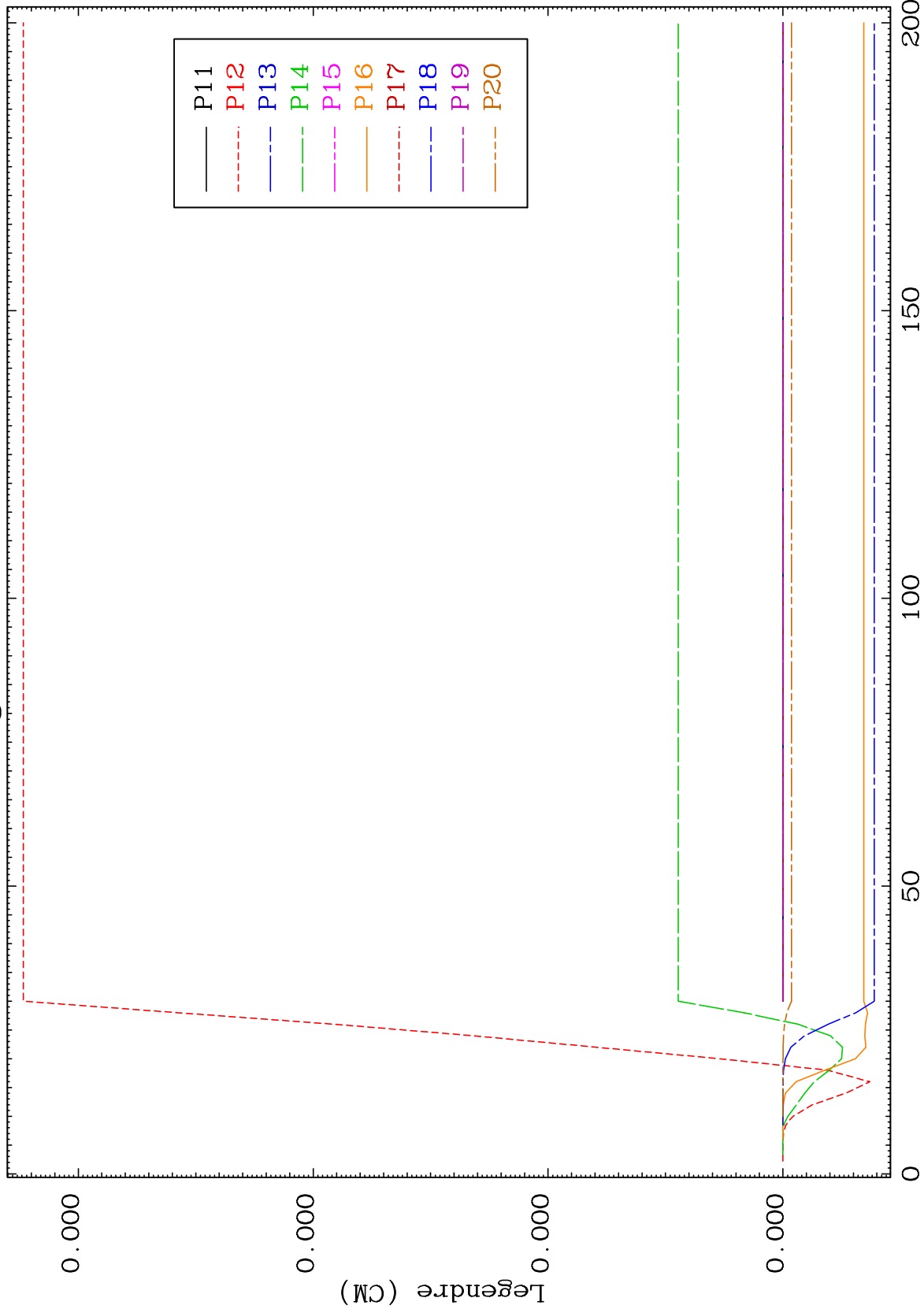
57-La-134



MAT 5713

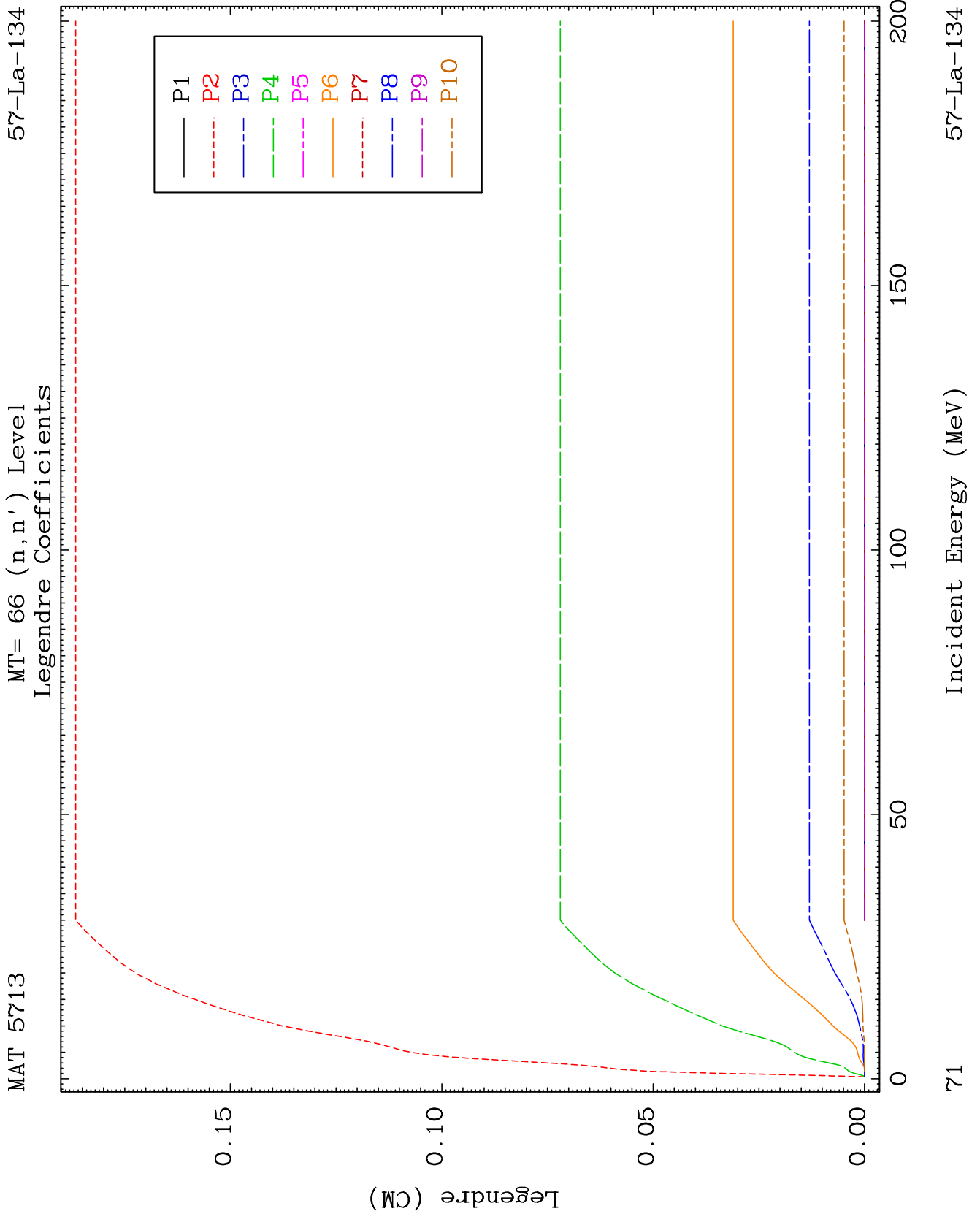
MT= 65 (n,n') Level
Legendre Coefficients

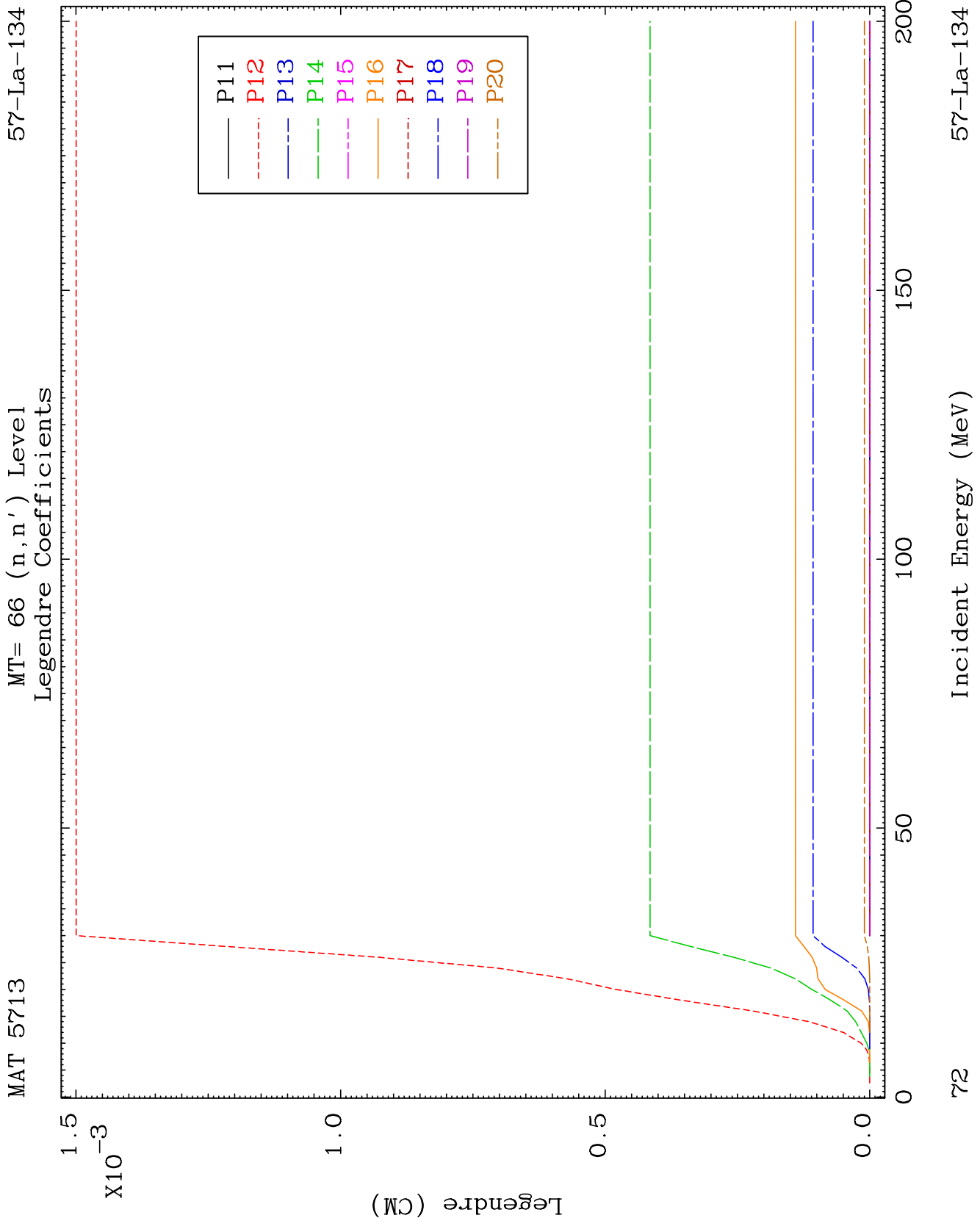
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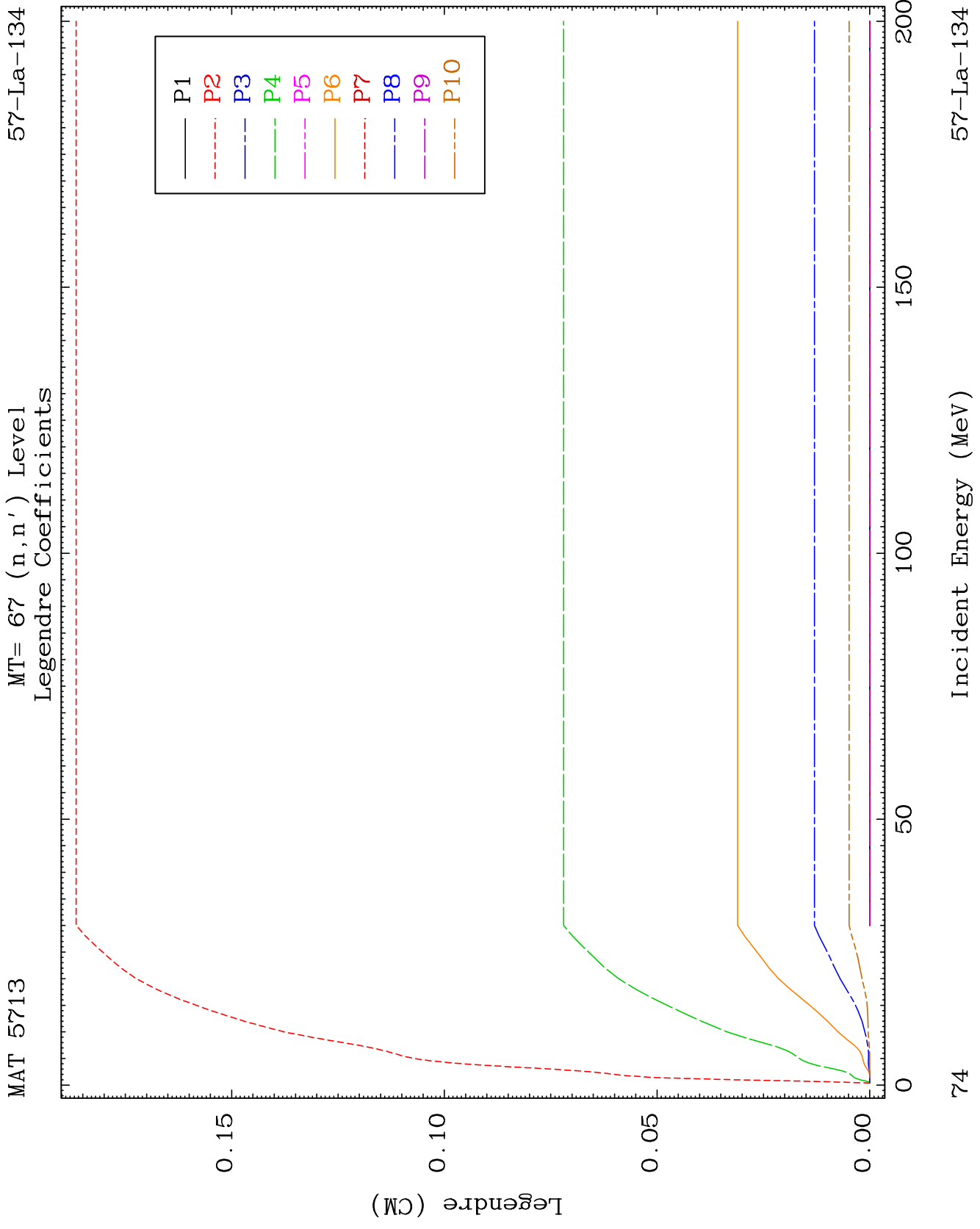


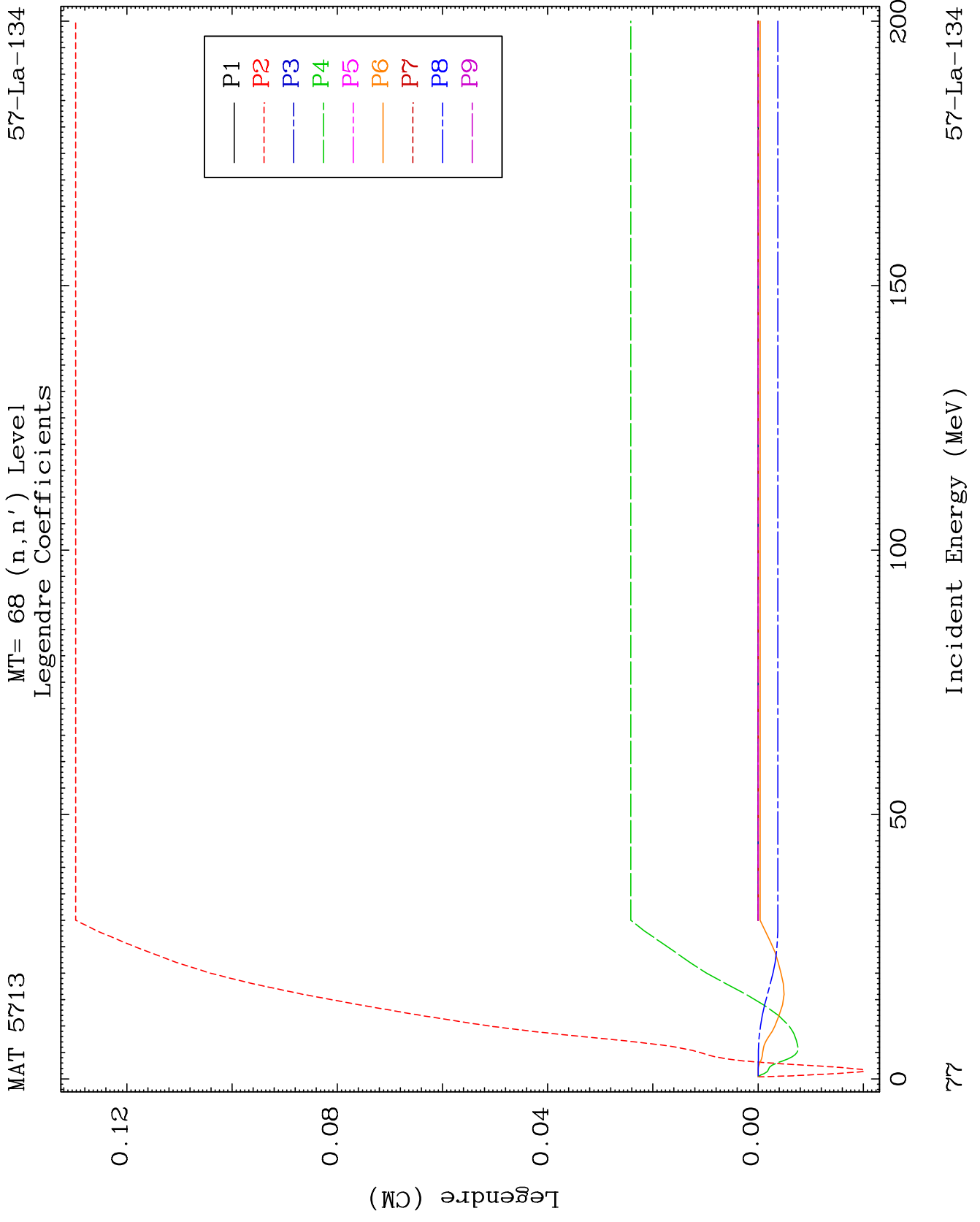
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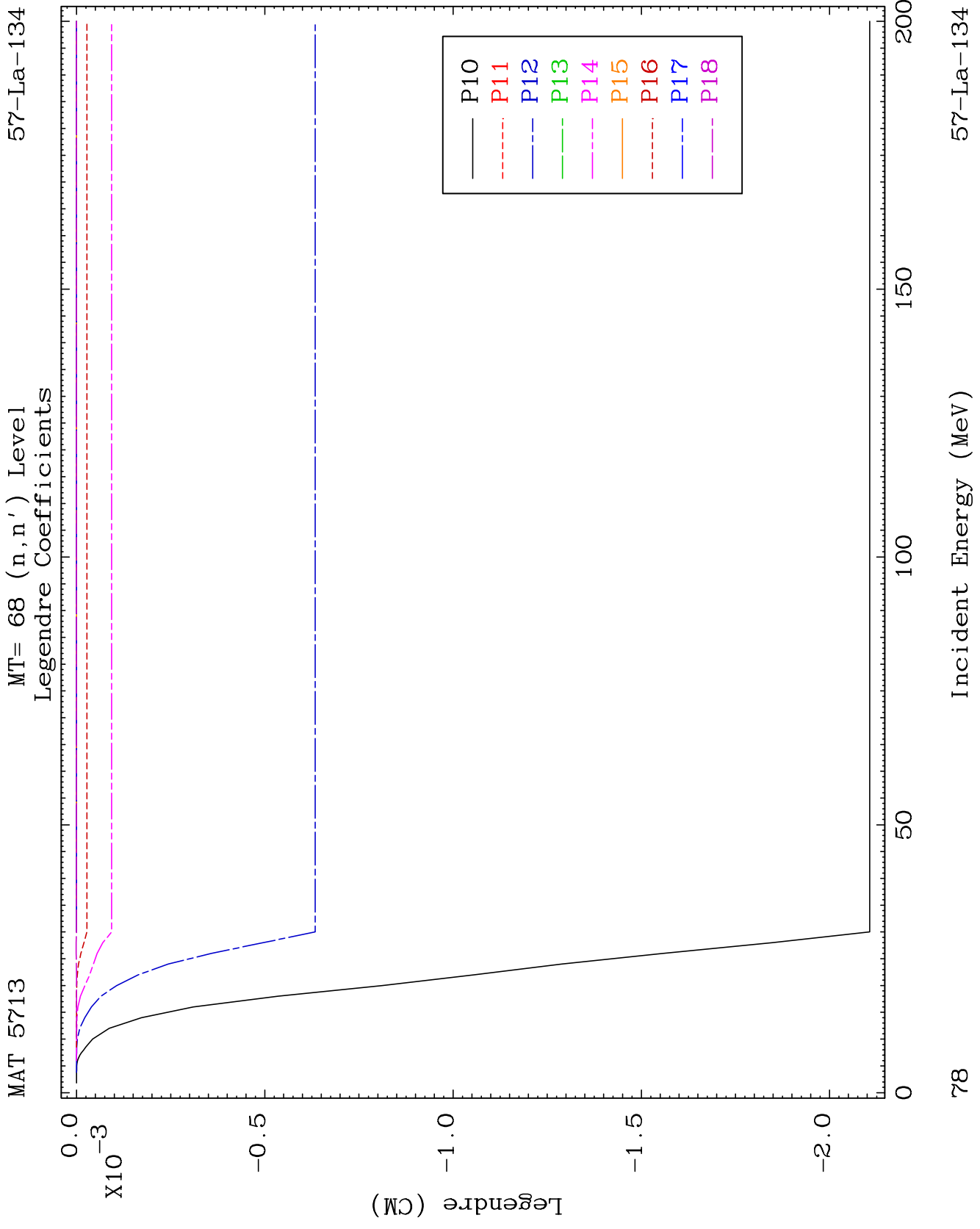
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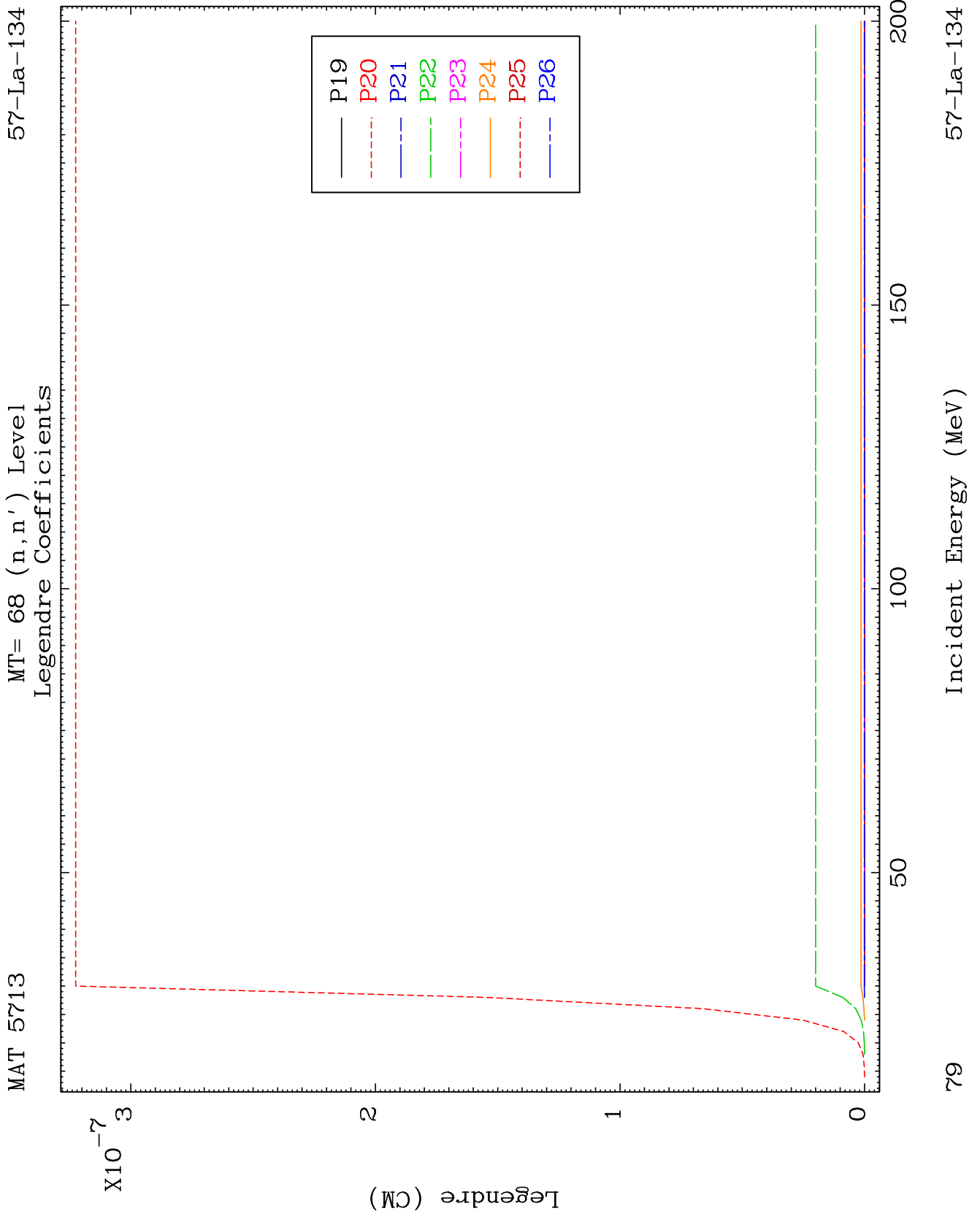


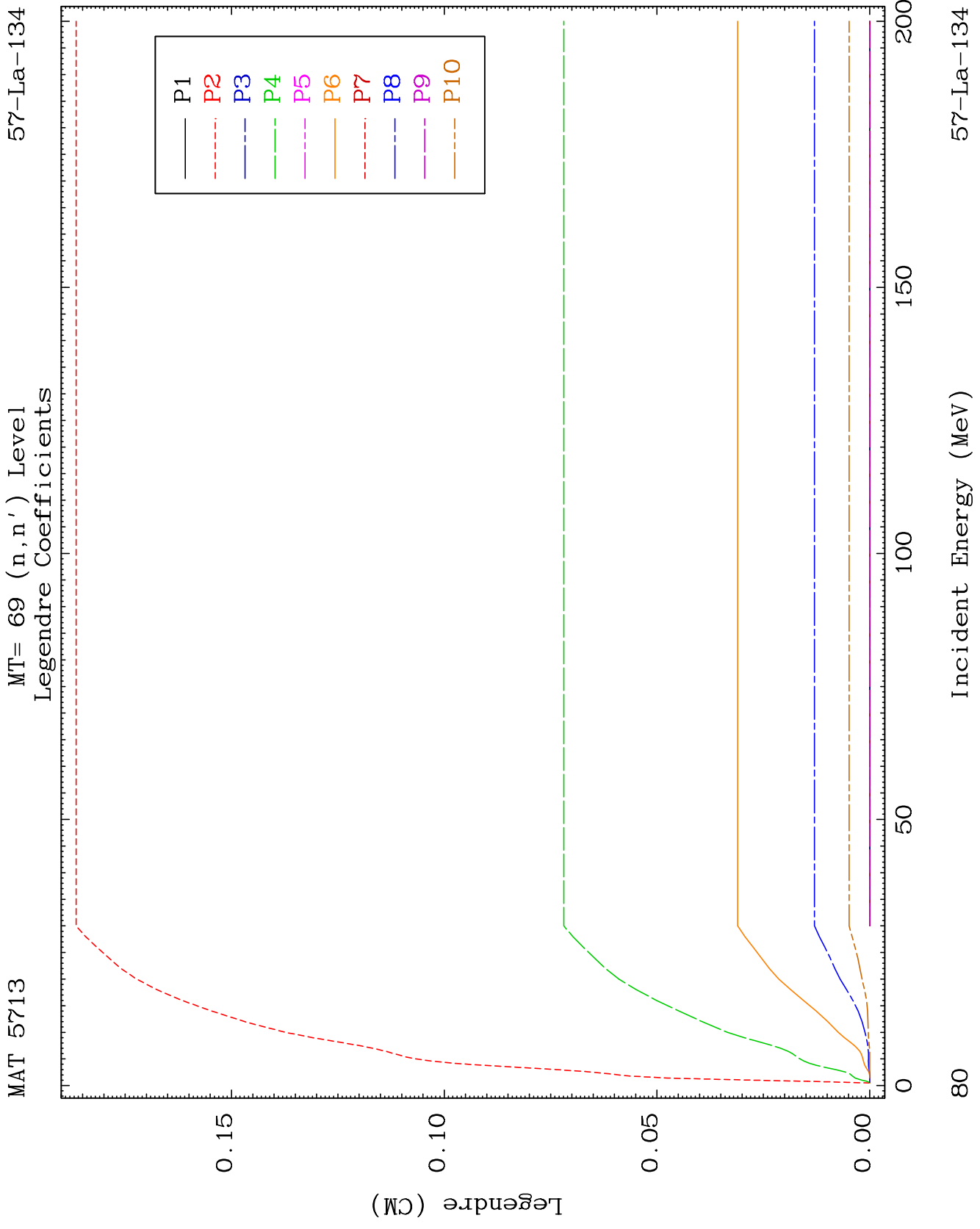


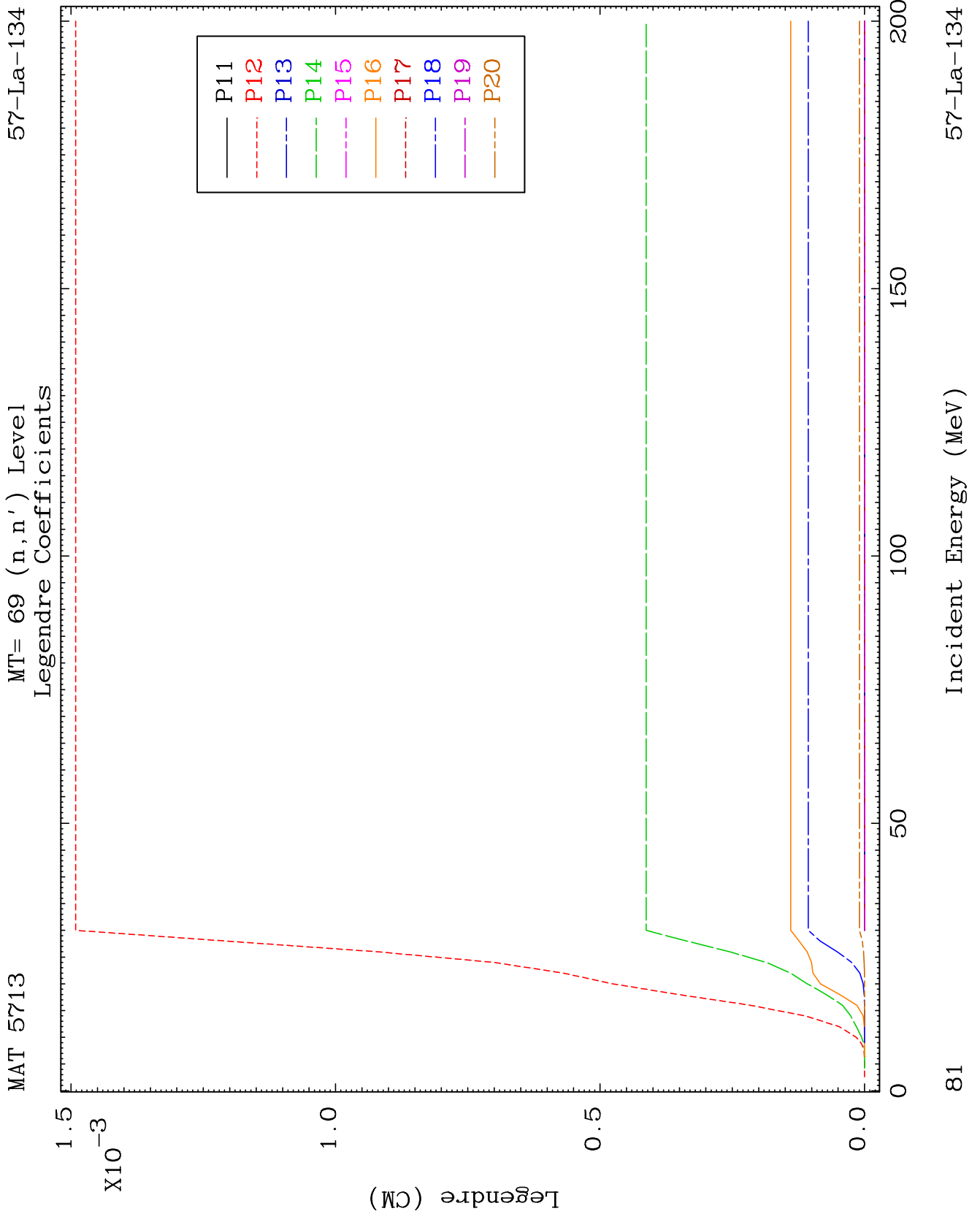


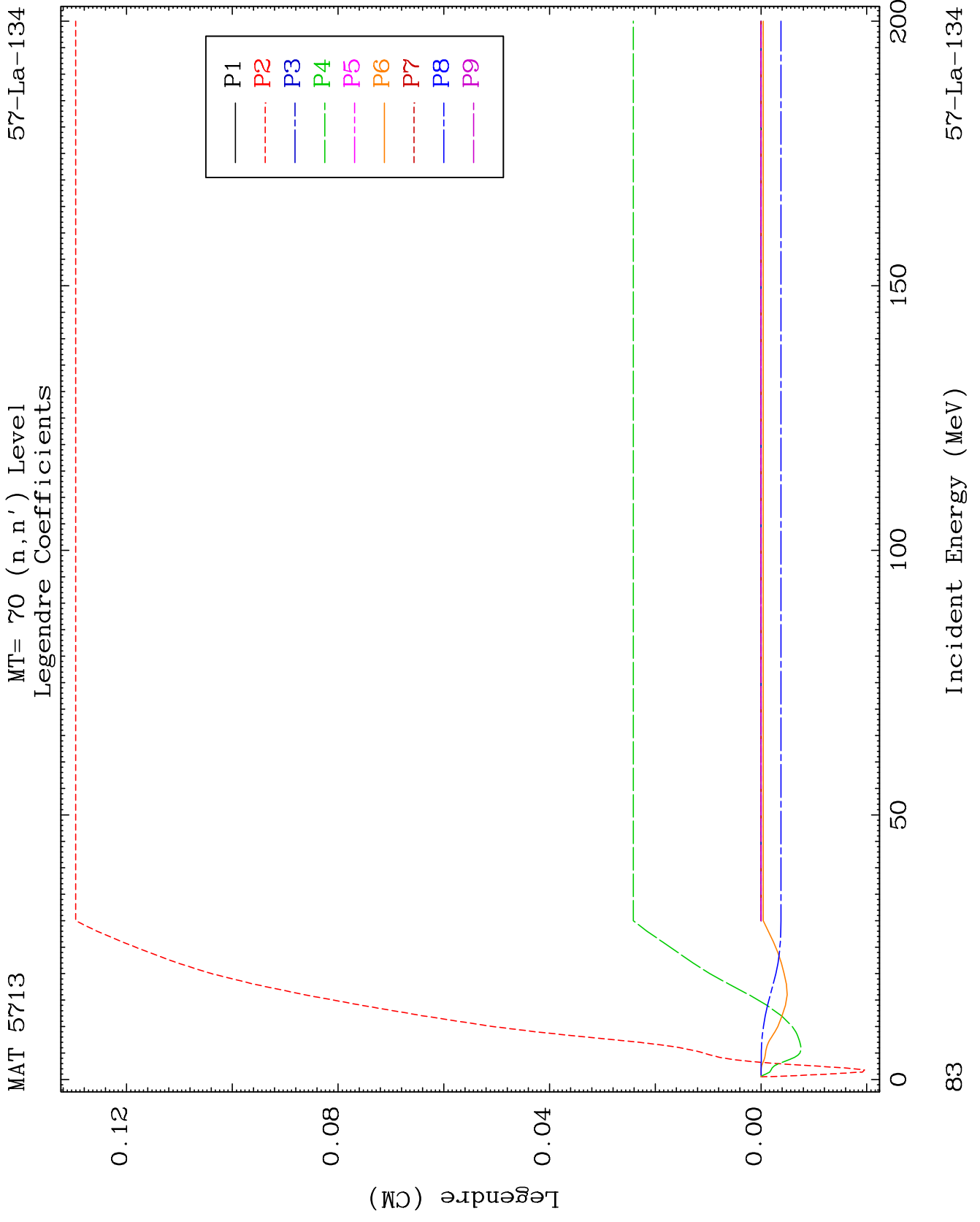


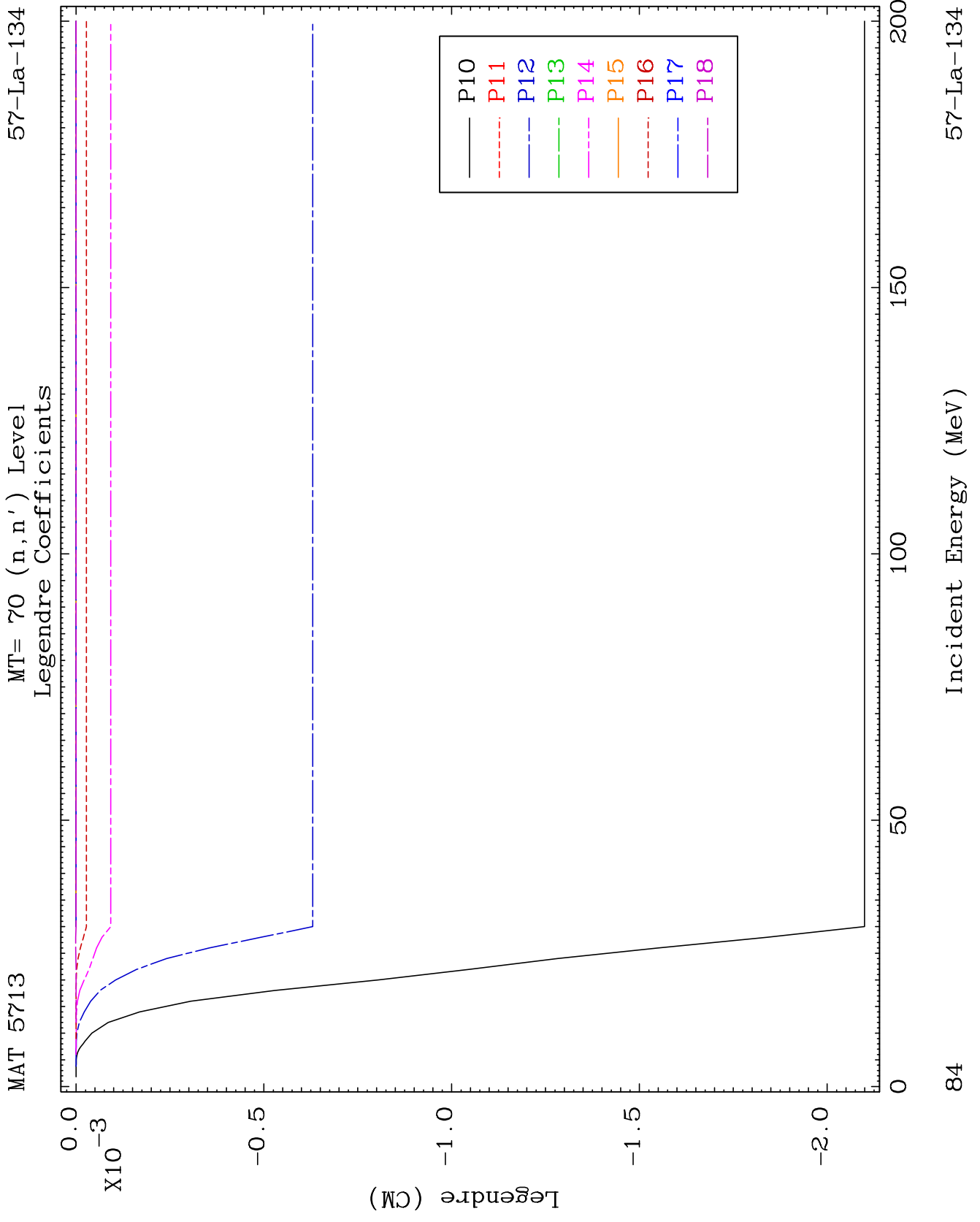


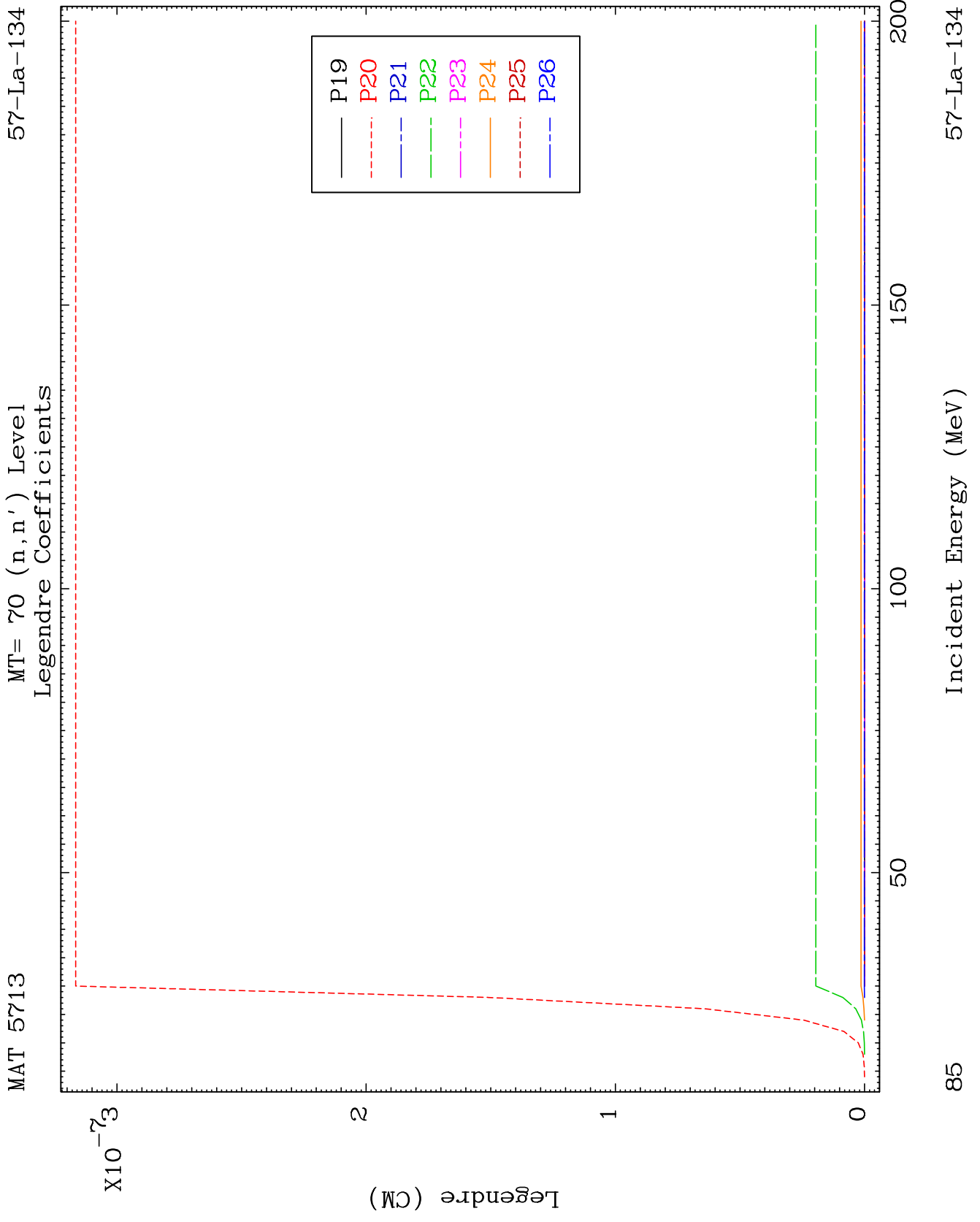








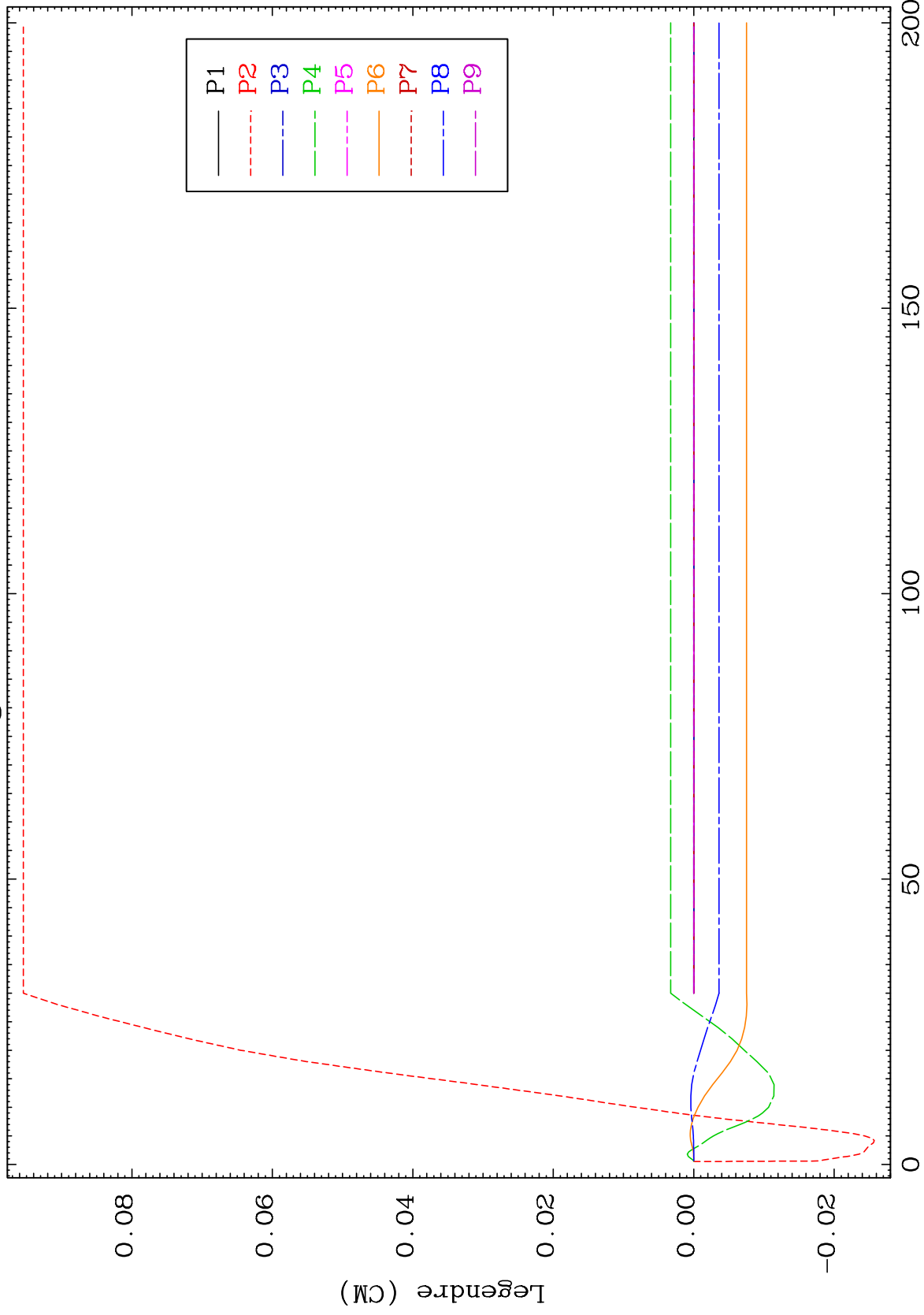




MAT 5713

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

57-La-134



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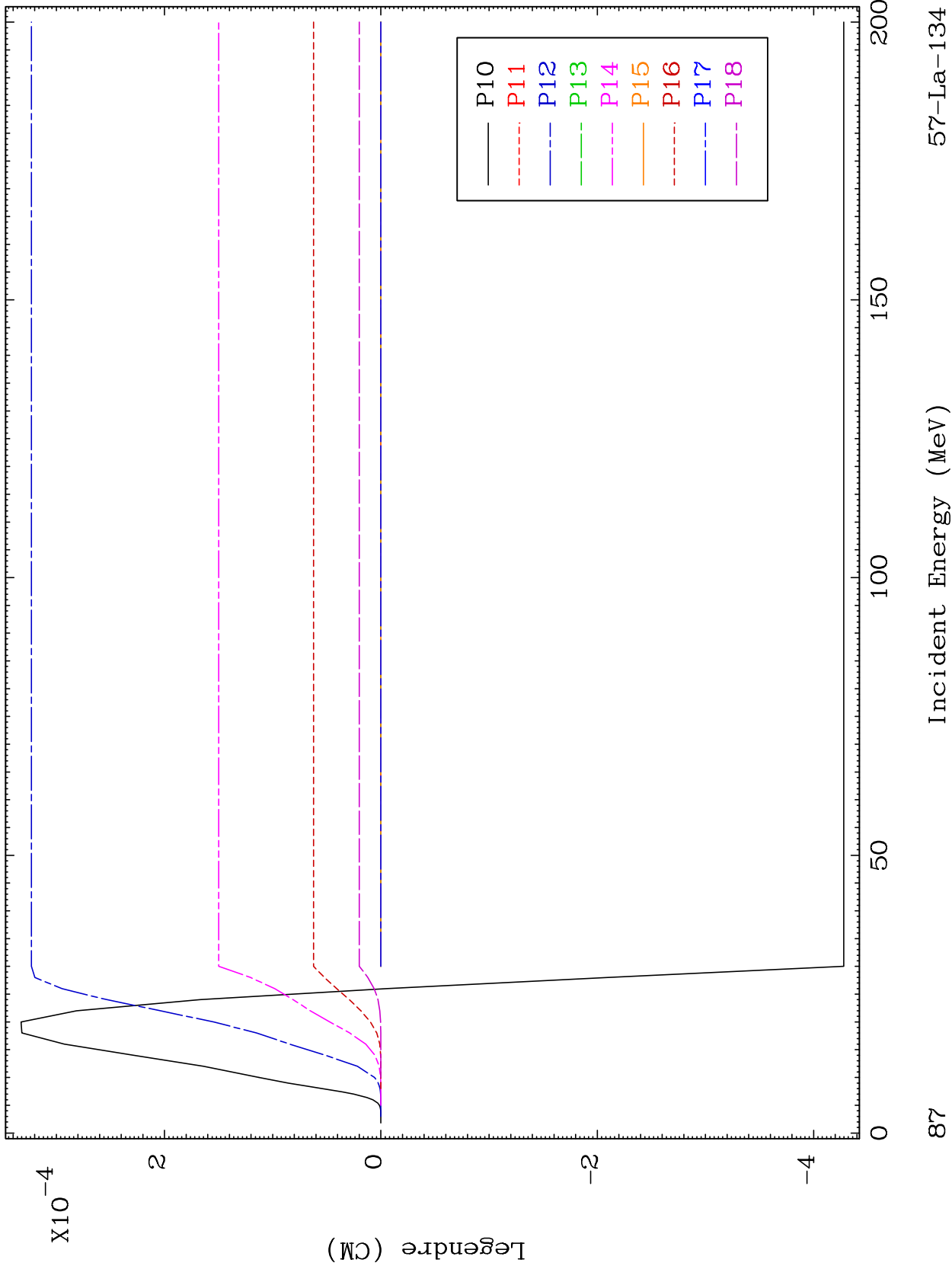
Incident Energy (MeV)

57-La-134

MAT 5713

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

57-La-134



57-La-134

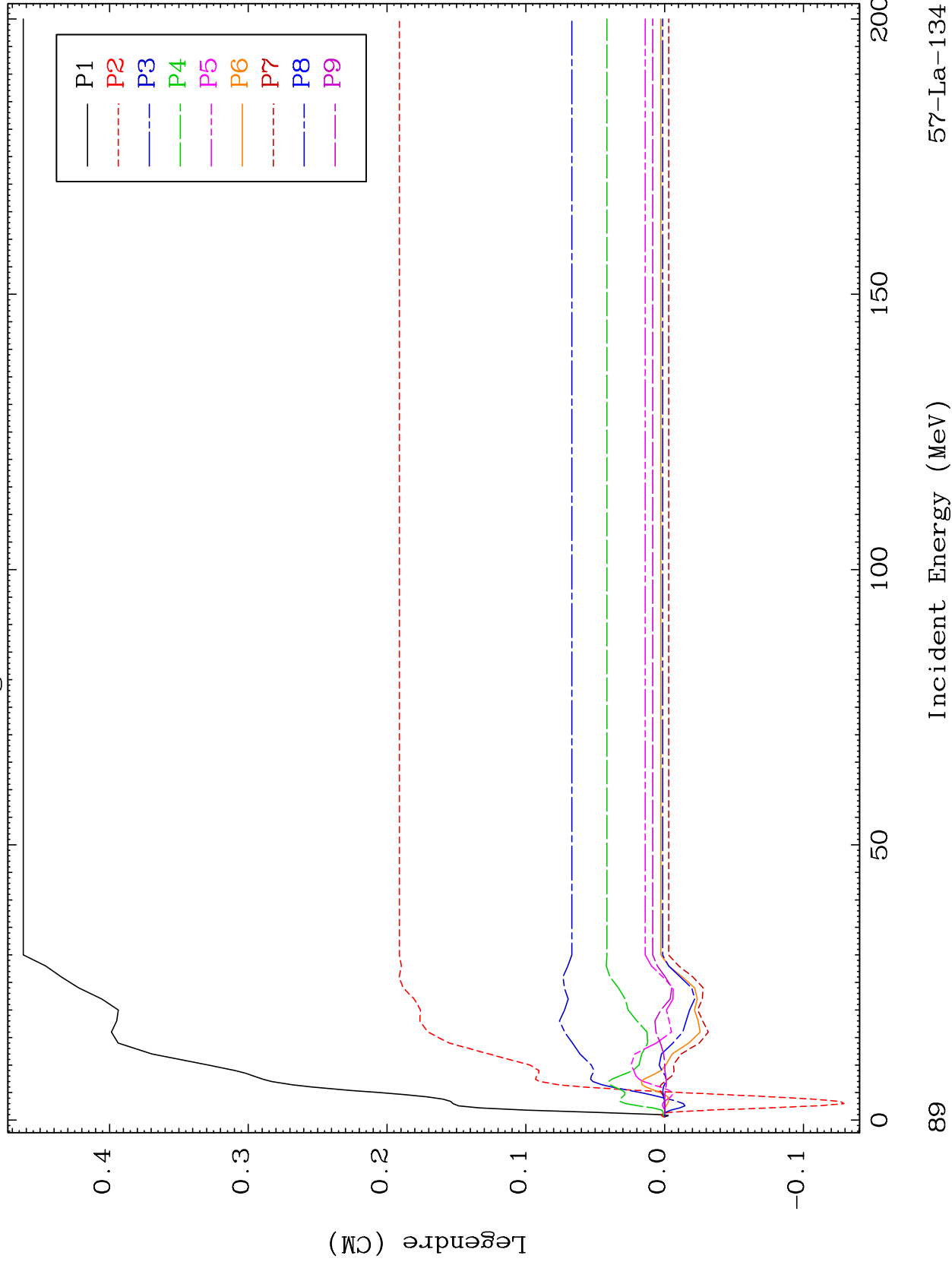
Incident Energy (MeV)

87

MAT 5713

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

57-La-134

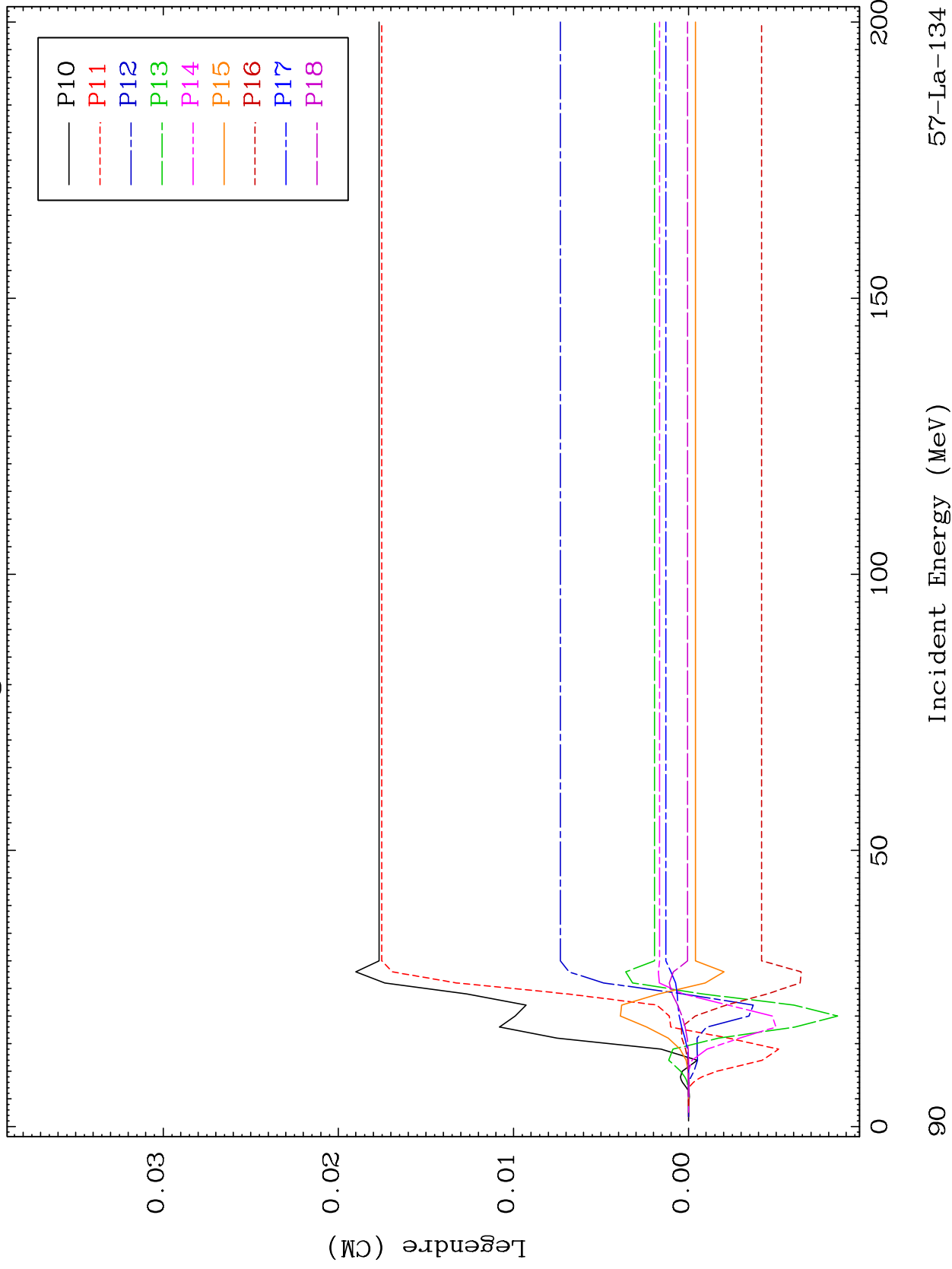


57-La-134

MAT 5713

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

57-La-134



57-La-134

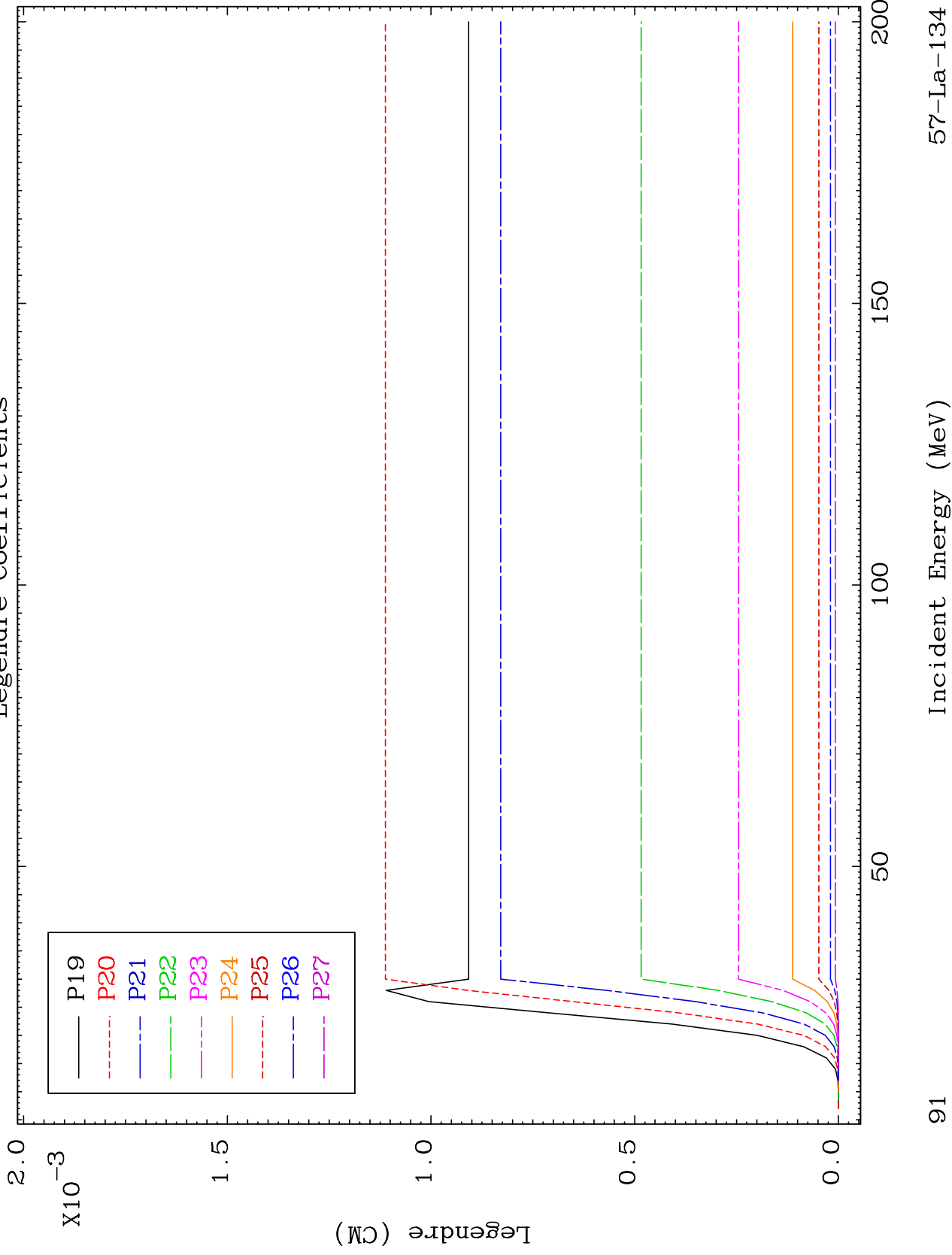
Incident Energy (MeV)

90

MAT 5713

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

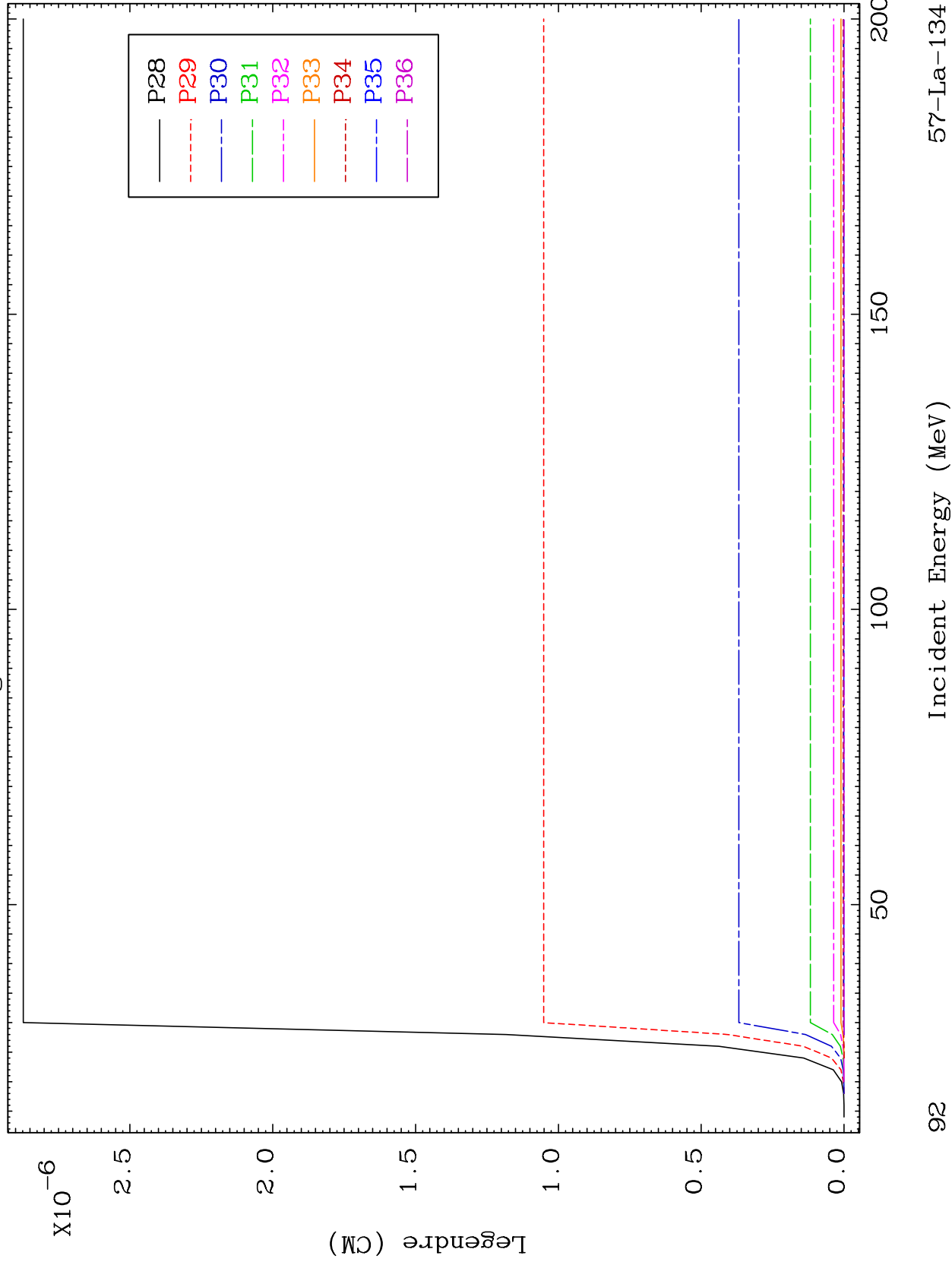
57-La-134



MAT 5713

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

57-La-134



92

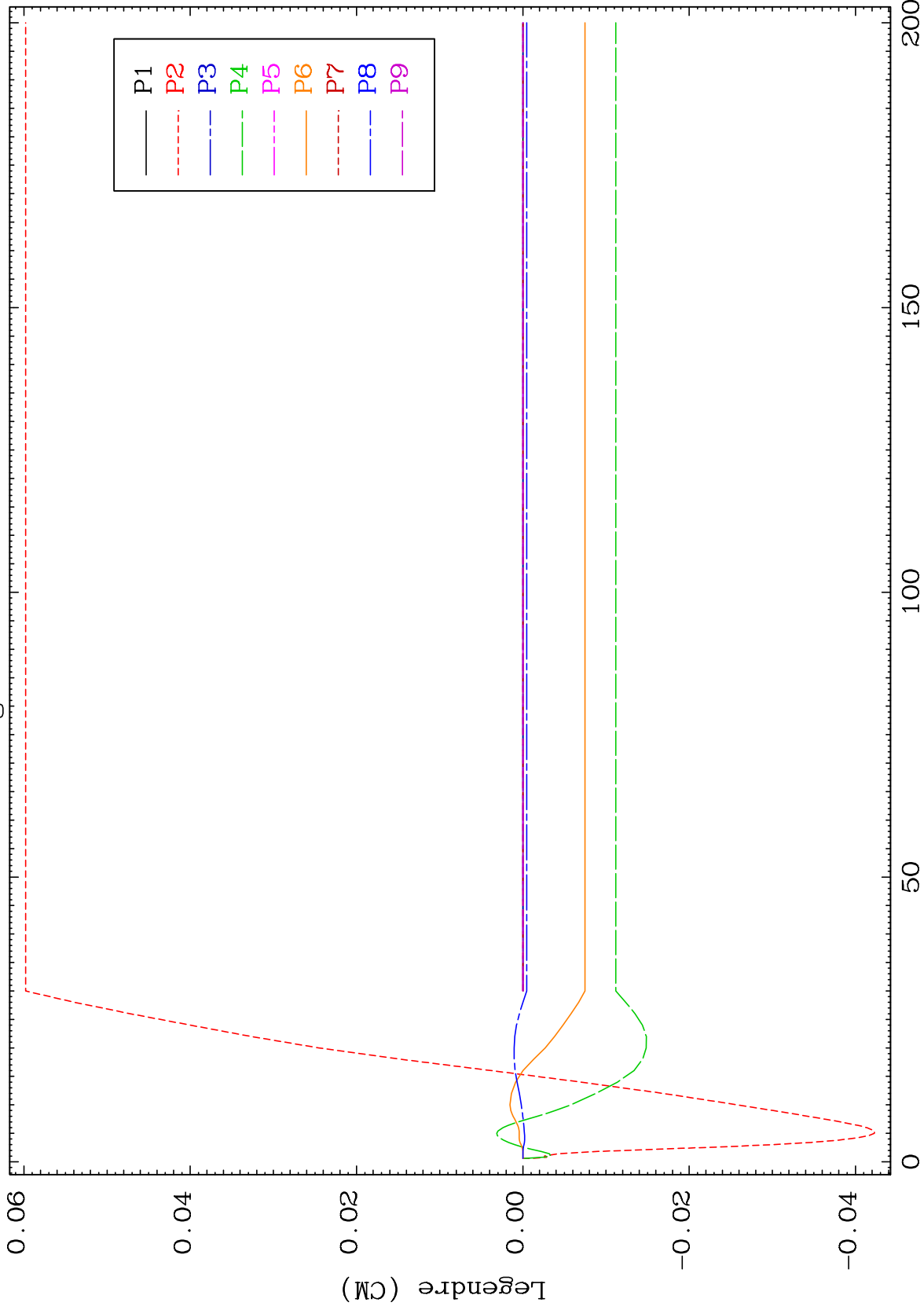
Incident Energy (MeV)

57-La-134

MAT 5713

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

57-La-134



57-La-134

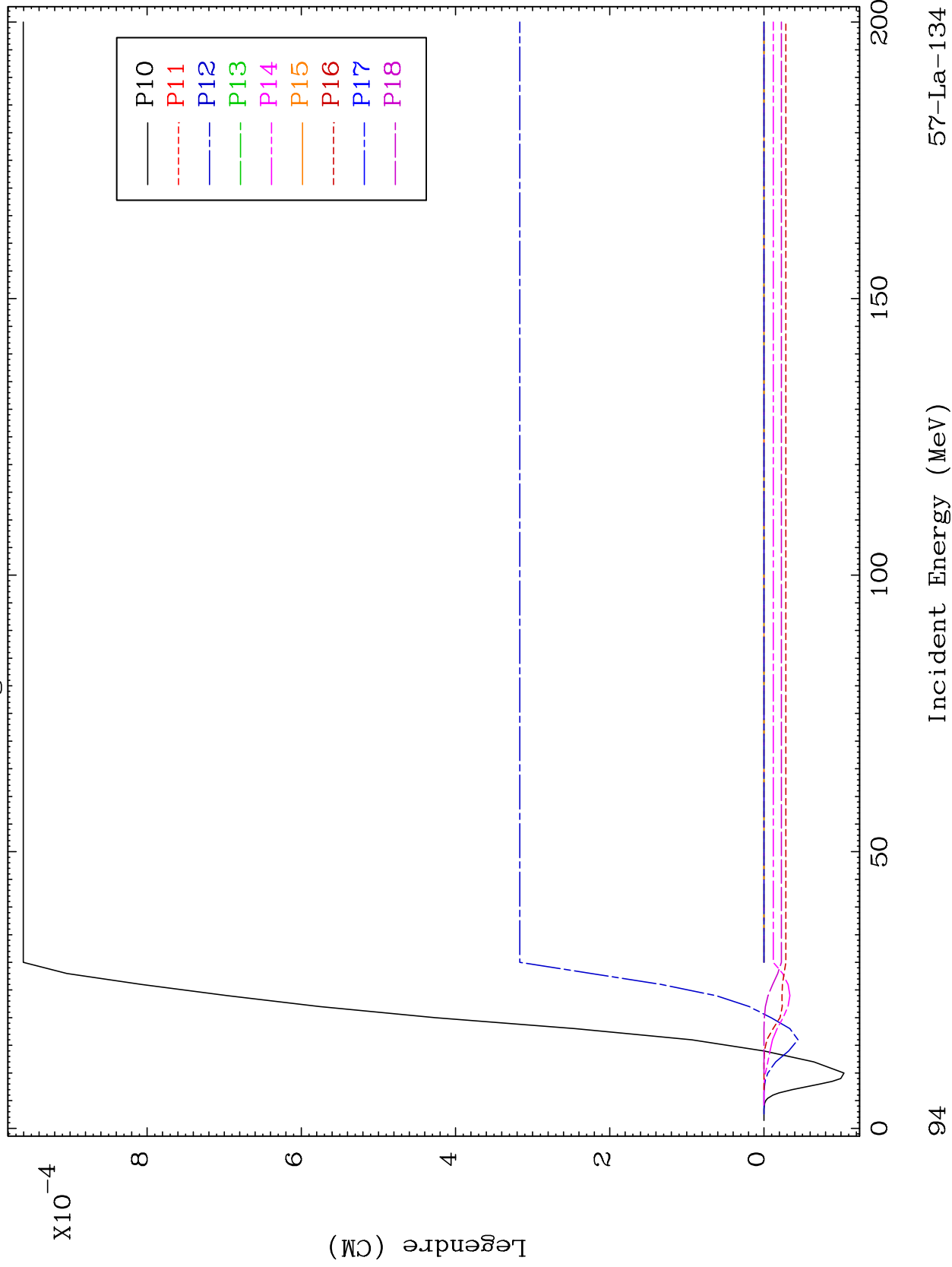
Incident Energy (MeV)

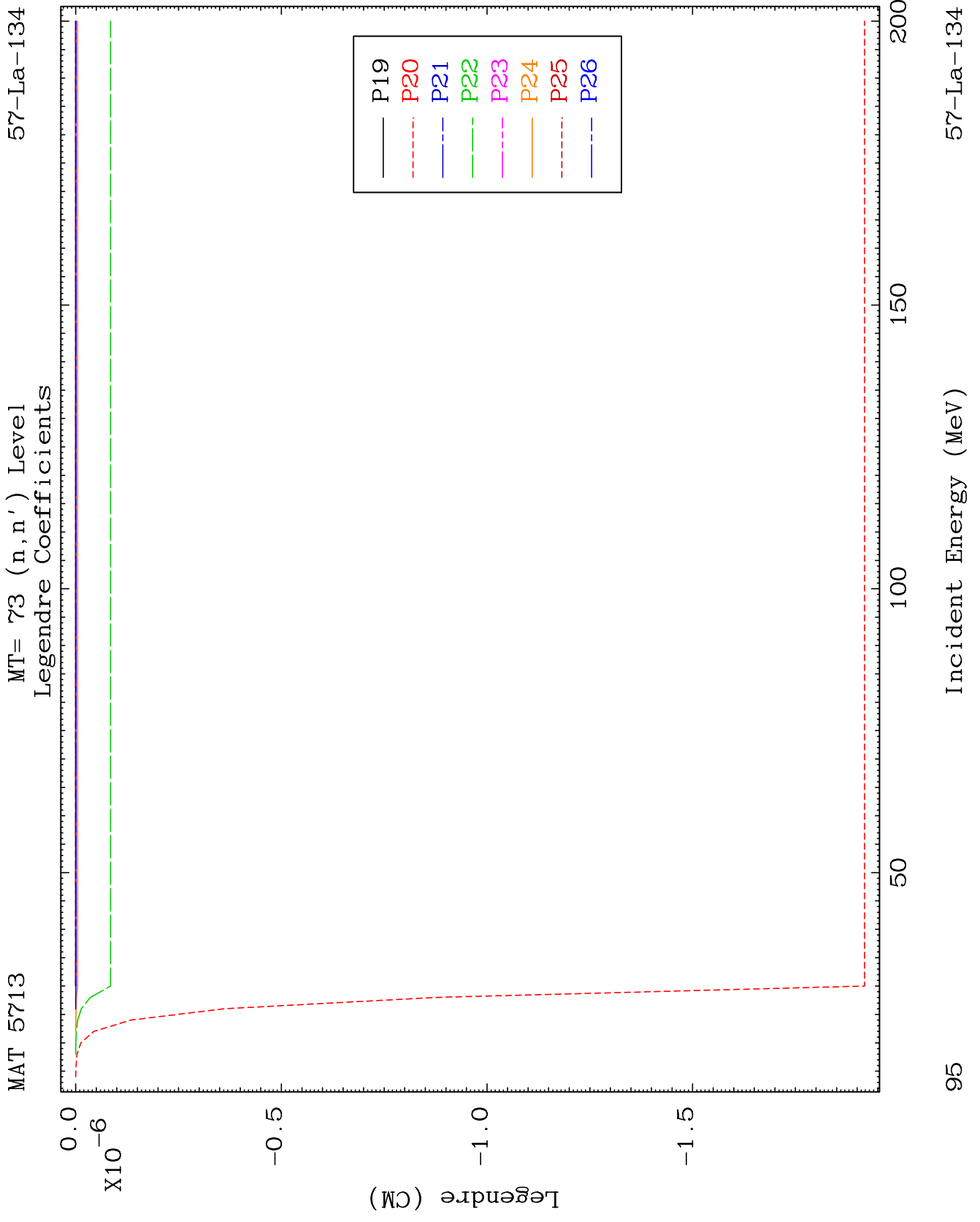
93

MAT 5713

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

57-La-134

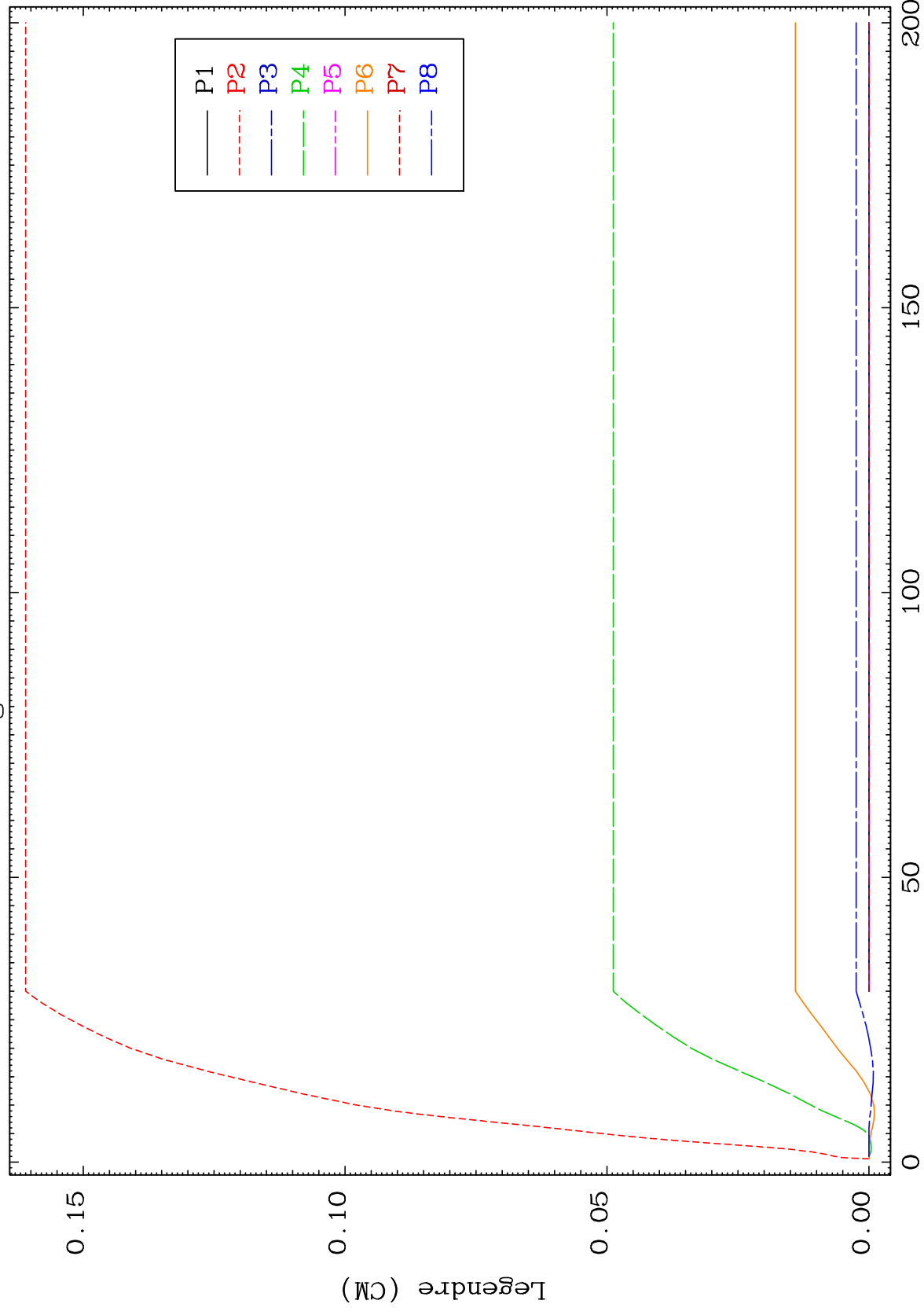




MAT 5713

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

57-La-134



96

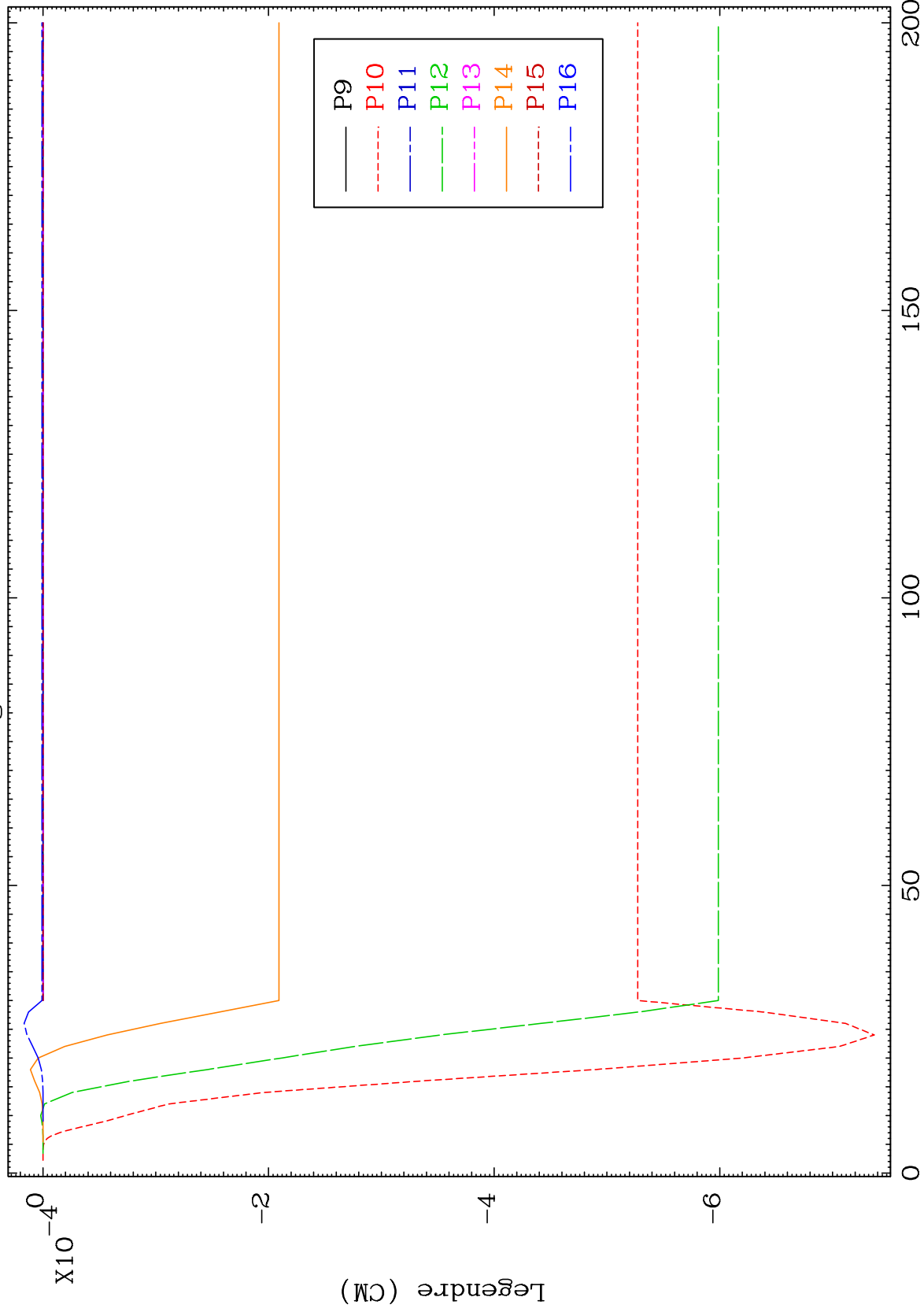
Incident Energy (MeV)

57-La-134

MAT 5713

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

57-La-134



97

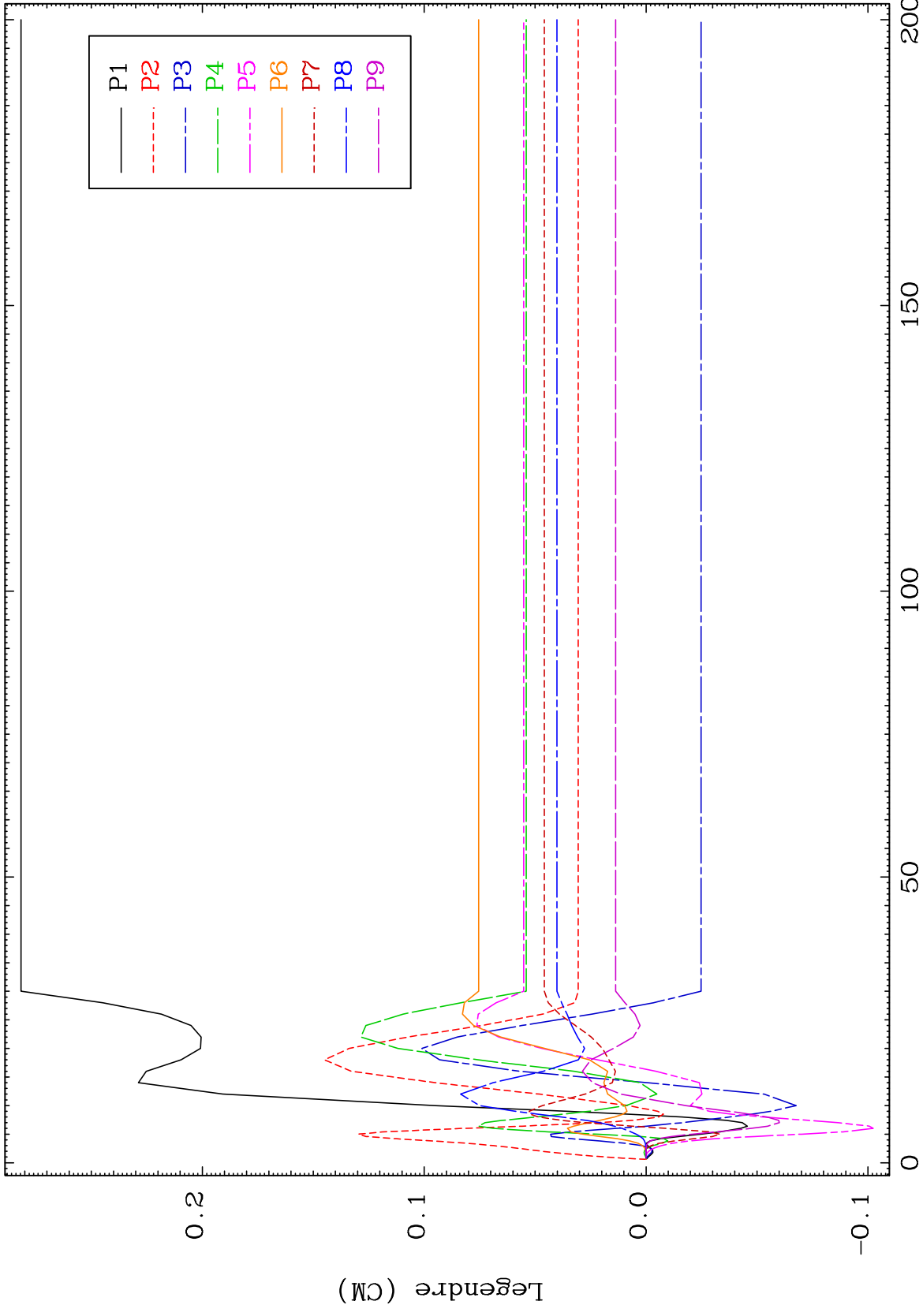
Incident Energy (MeV)

57-La-134

MAT 5713

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

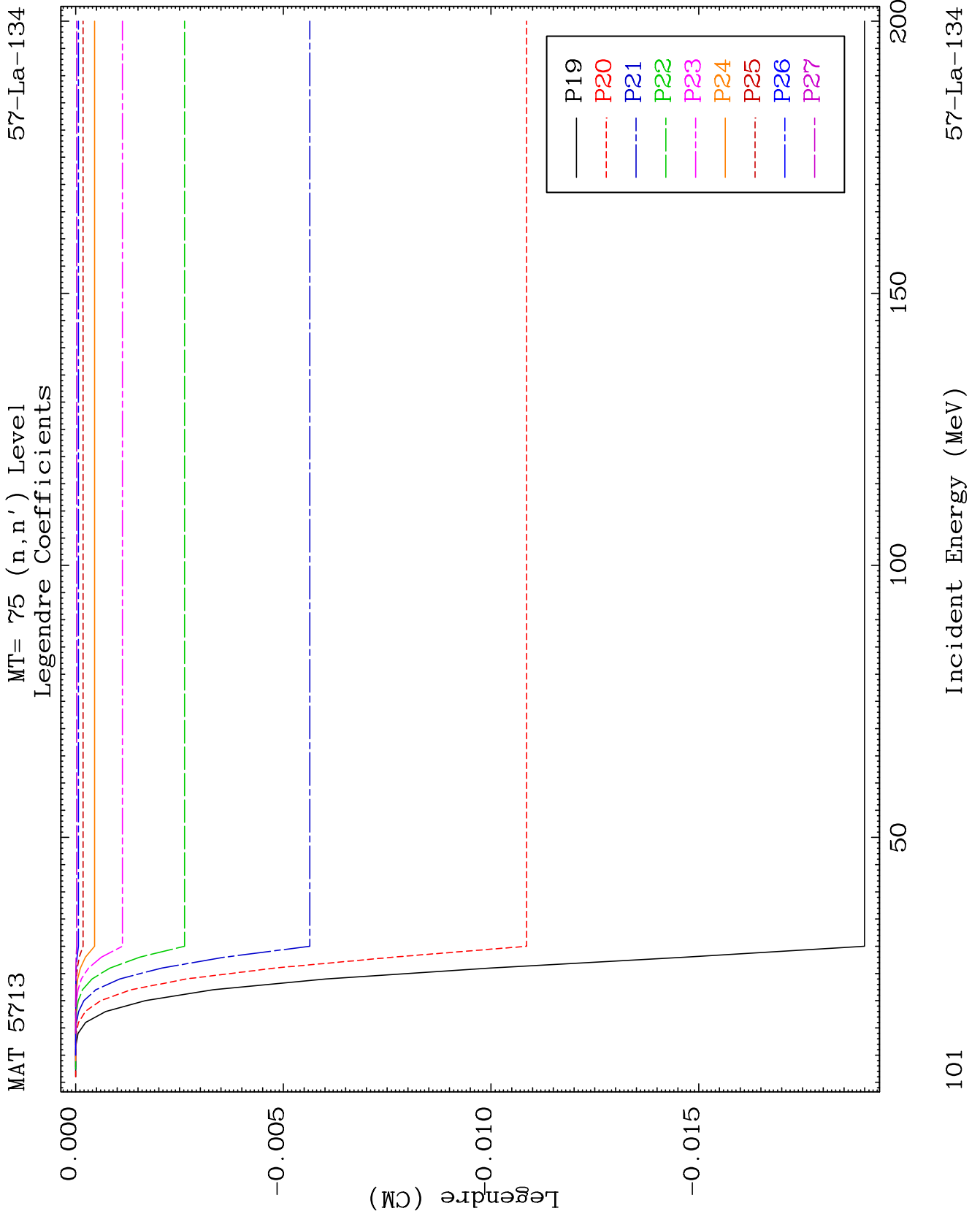
57-La-134

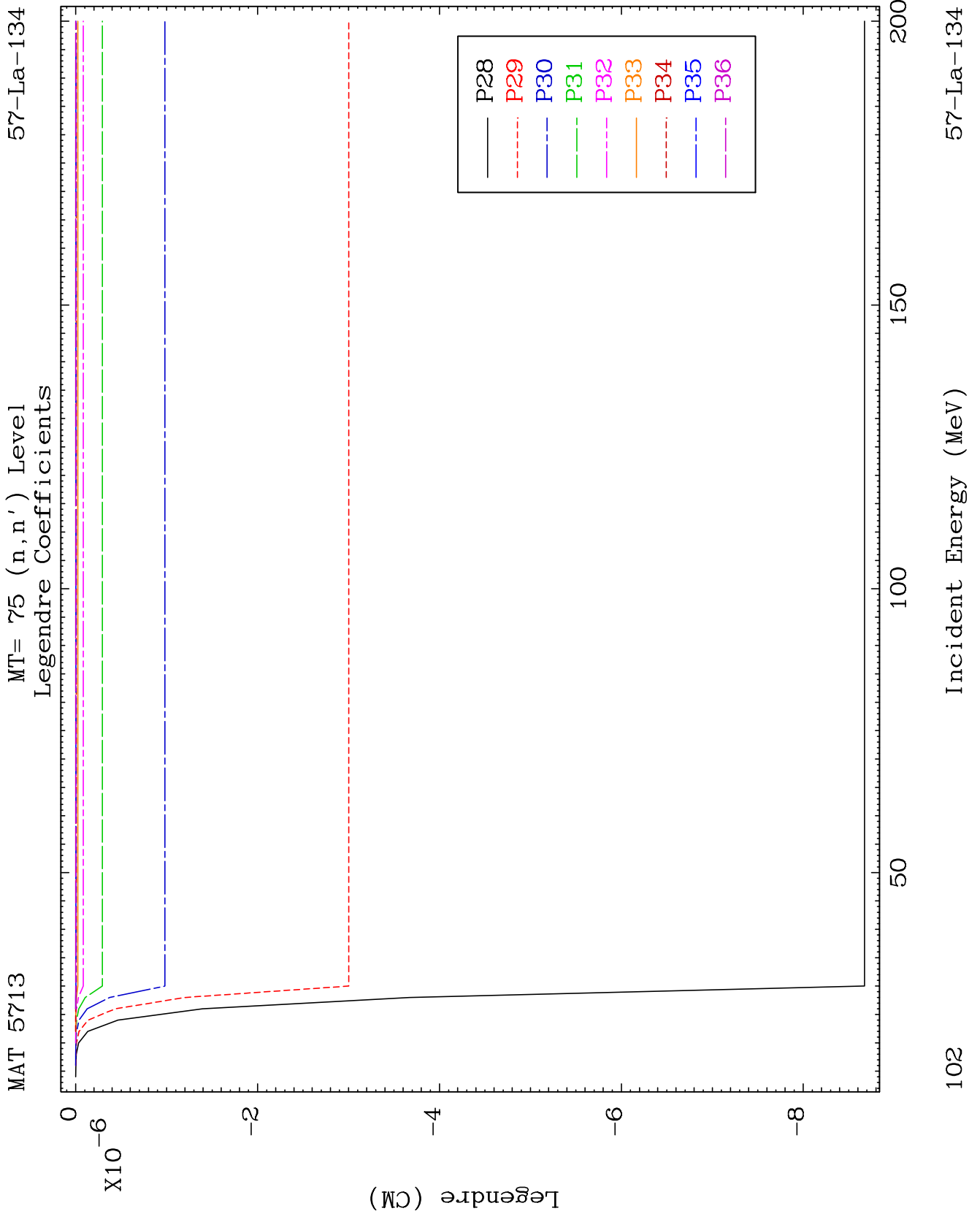


99

Incident Energy (MeV)

57-La-134

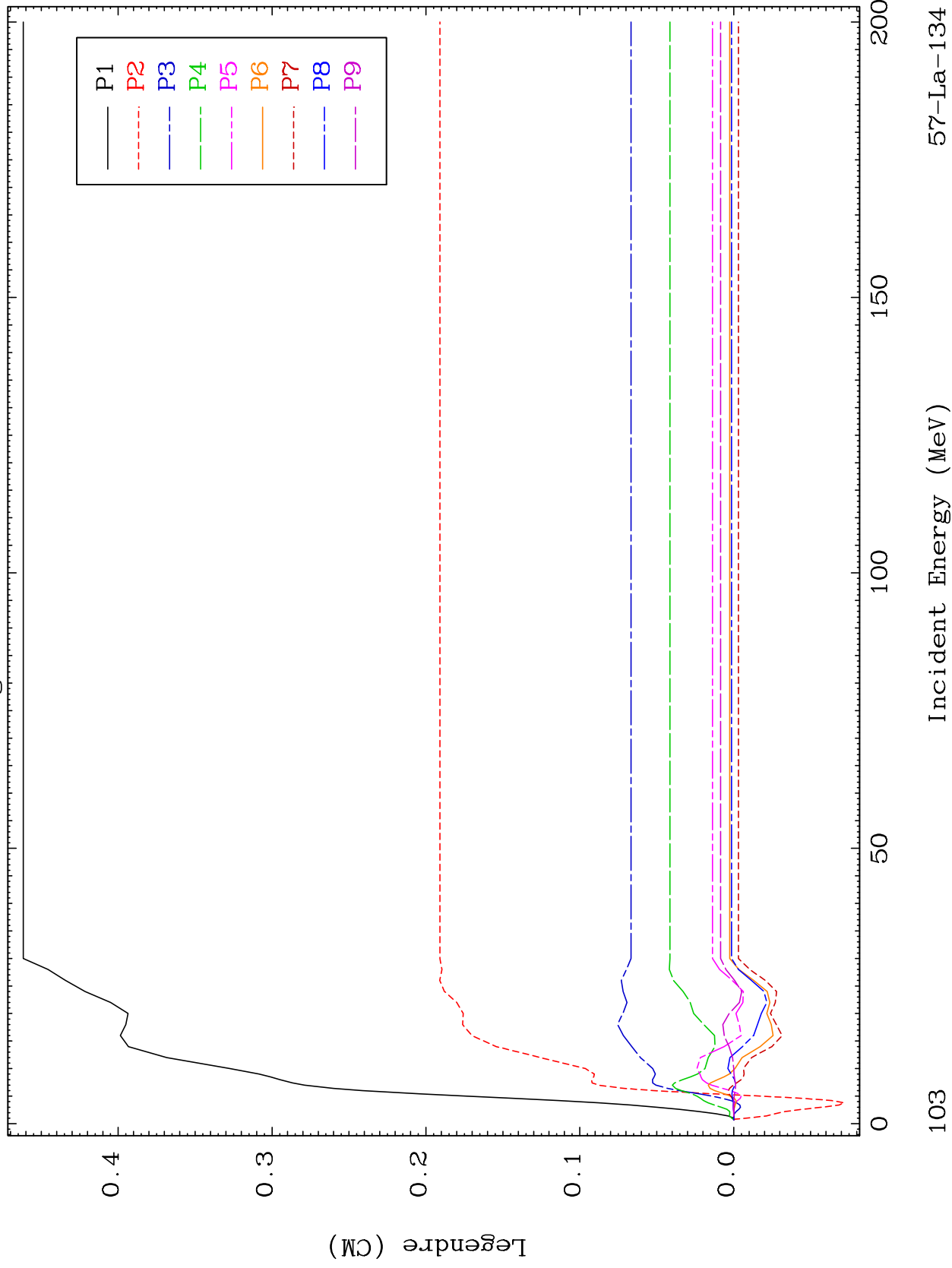




MAT 5713

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

57-La-134



57-La-134

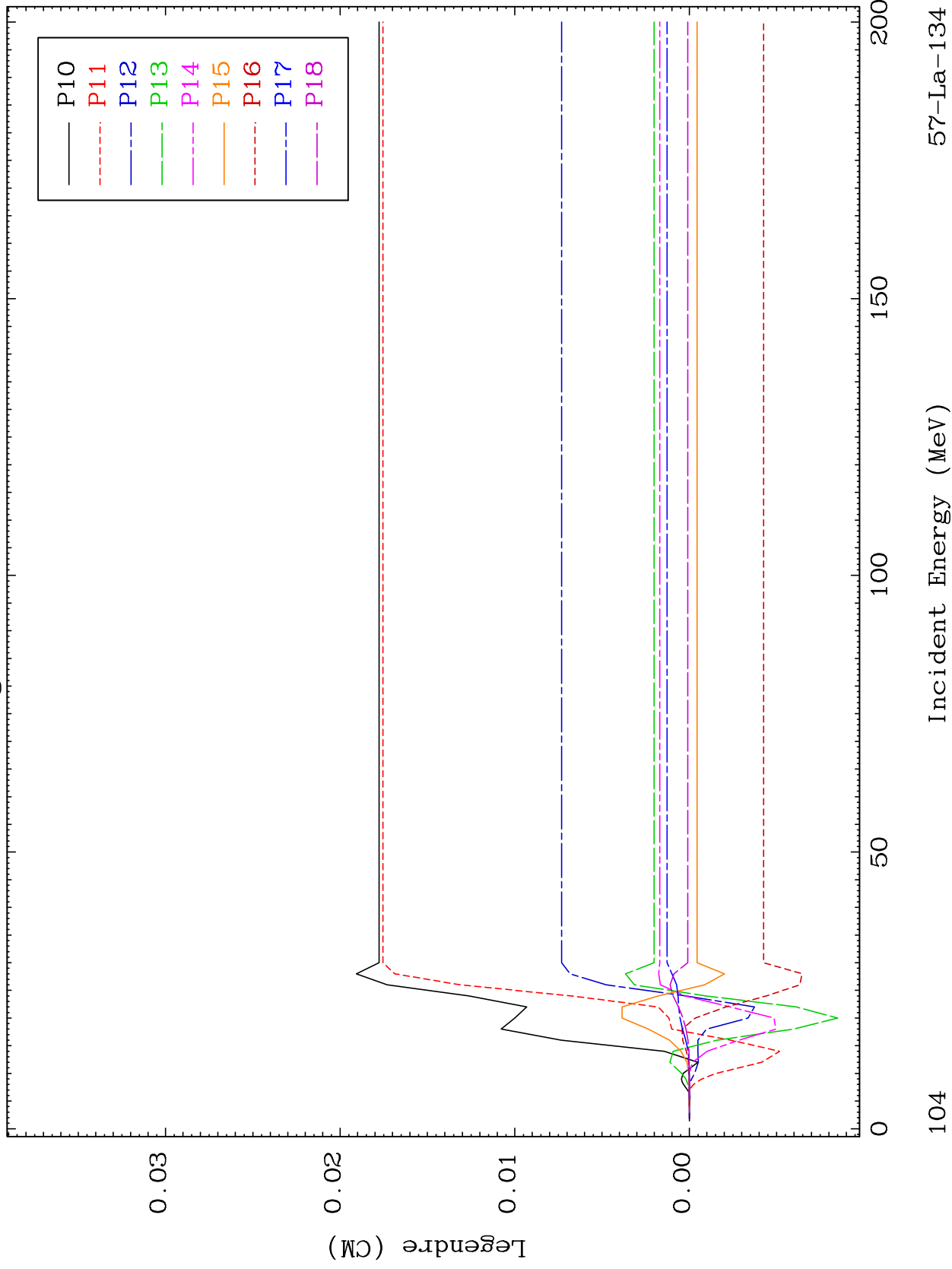
Incident Energy (MeV)

103

MAT 5713

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

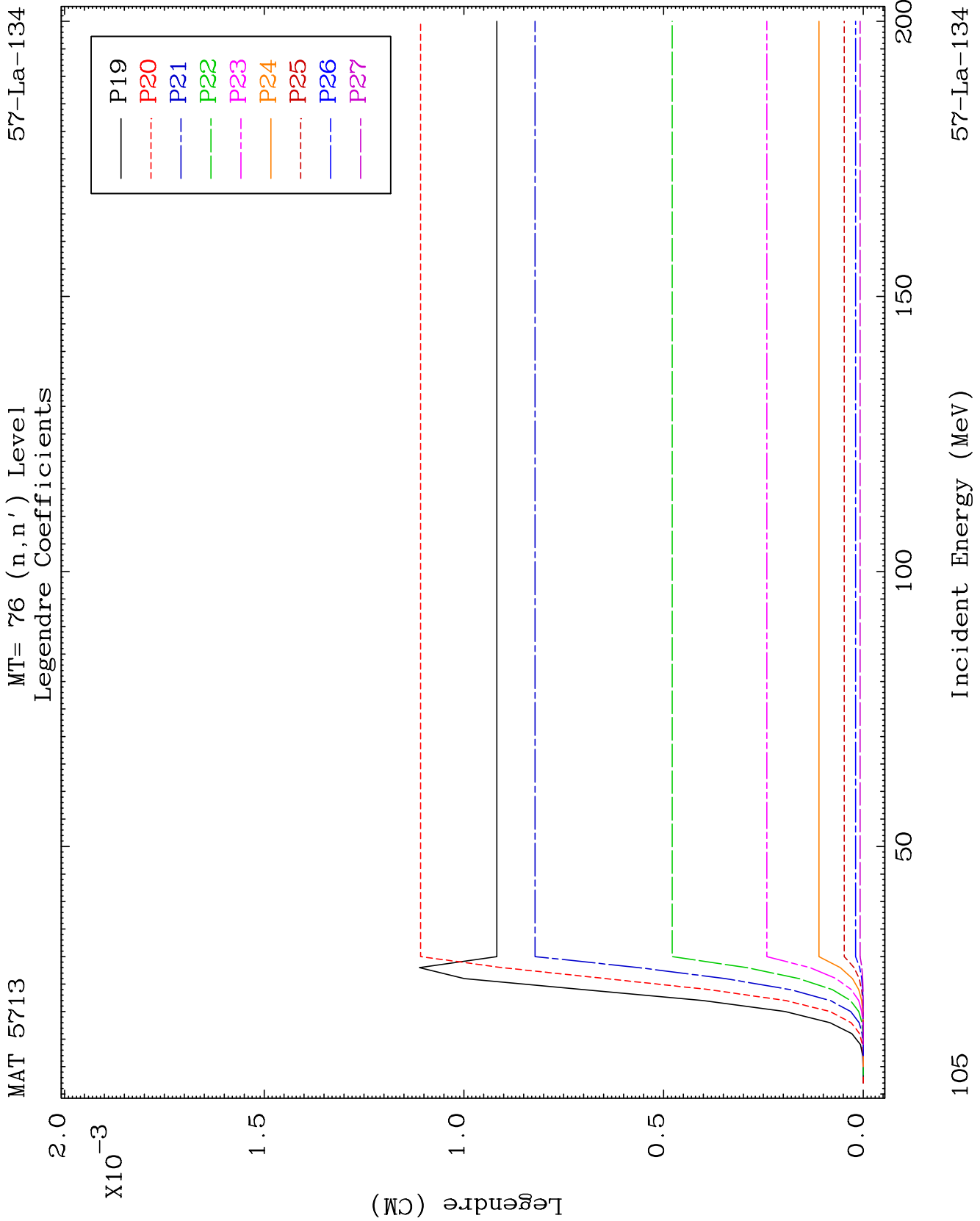
57-La-134



57-La-134

Incident Energy (MeV)

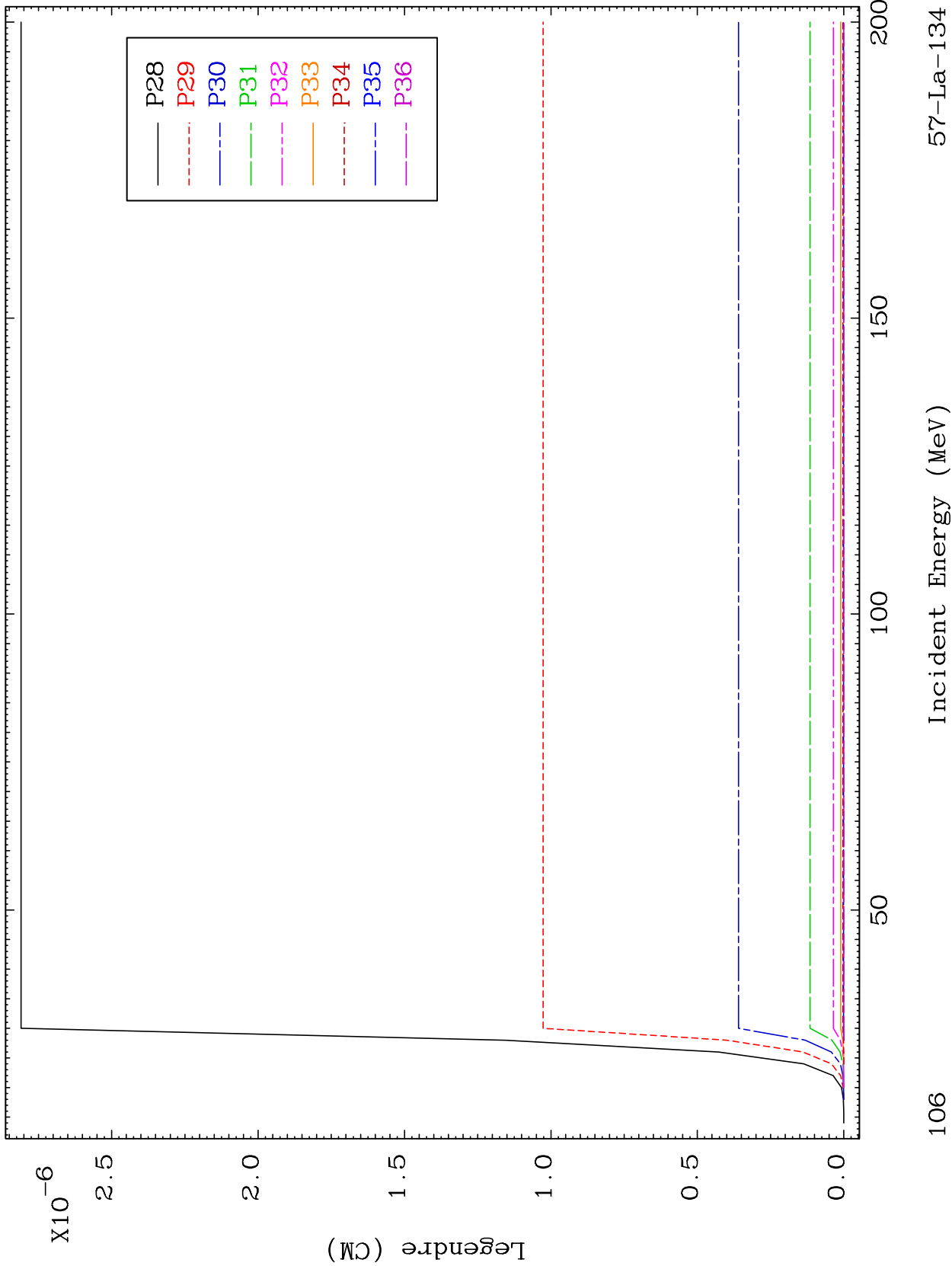
104



MAT 5713

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

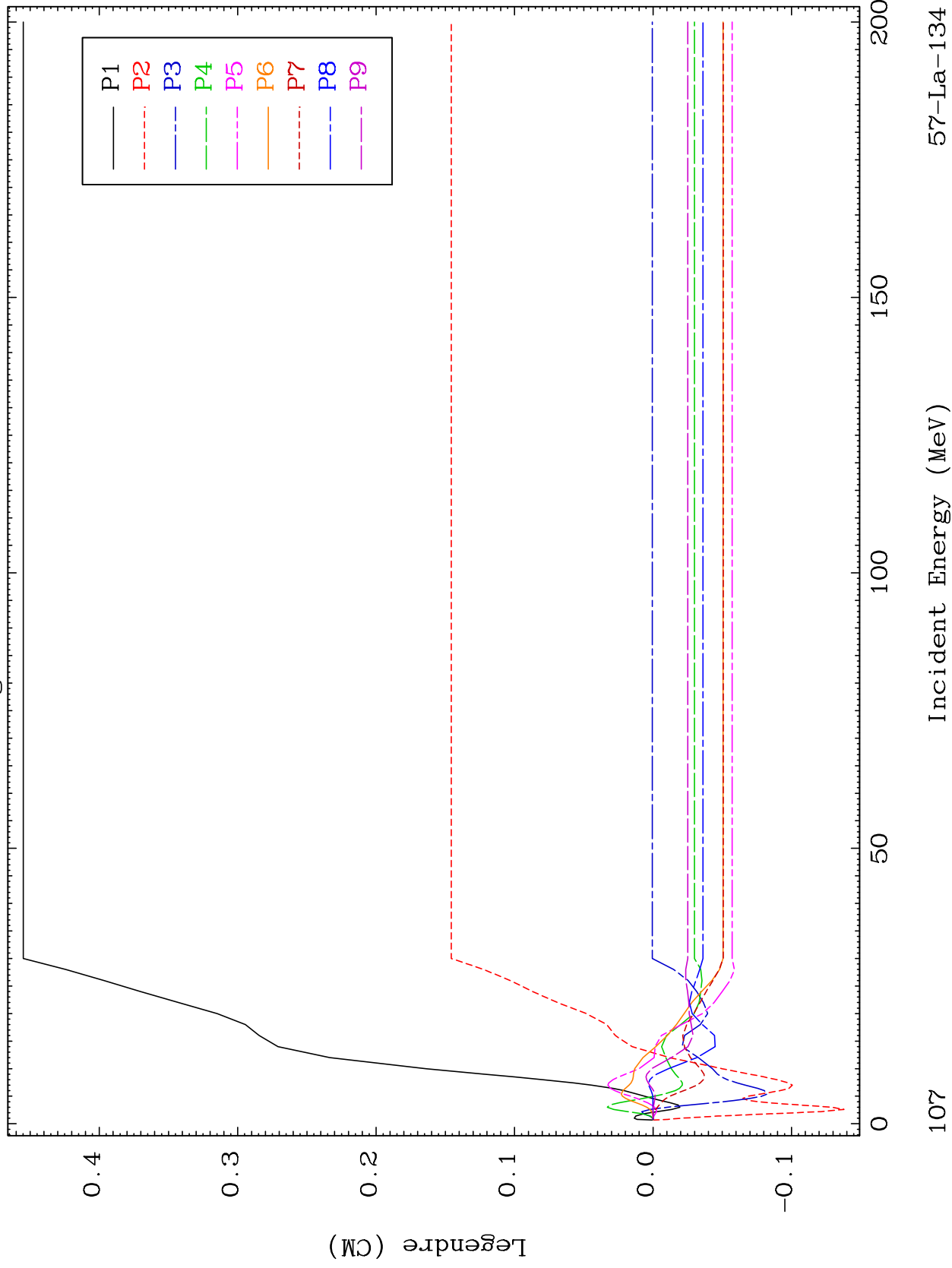
57-La-134



MAT 5713

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

57-La-134



57-La-134

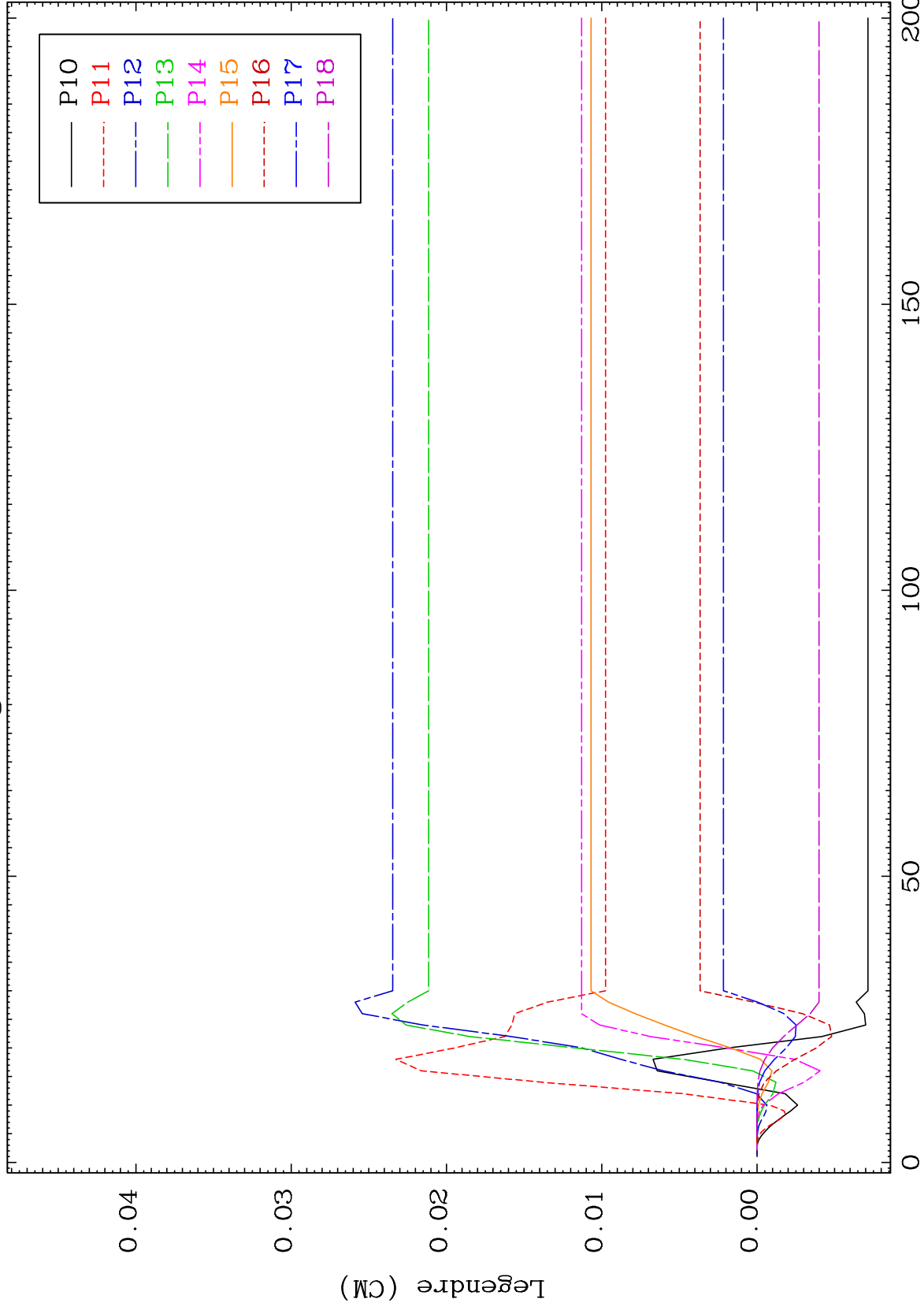
Incident Energy (MeV)

107

MAT 5713

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

57-La-134



108

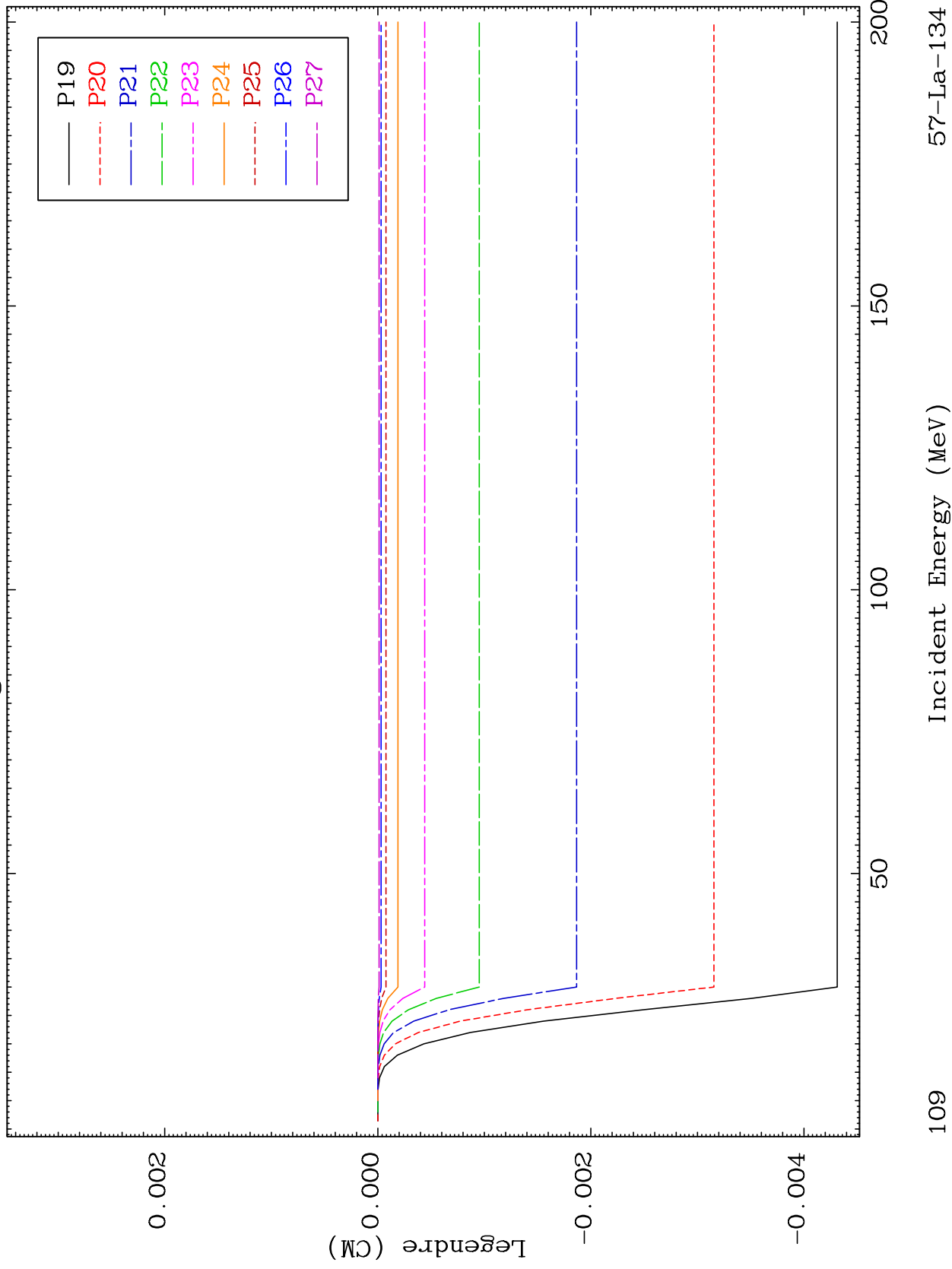
Incident Energy (MeV)

57-La-134

MAT 5713

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

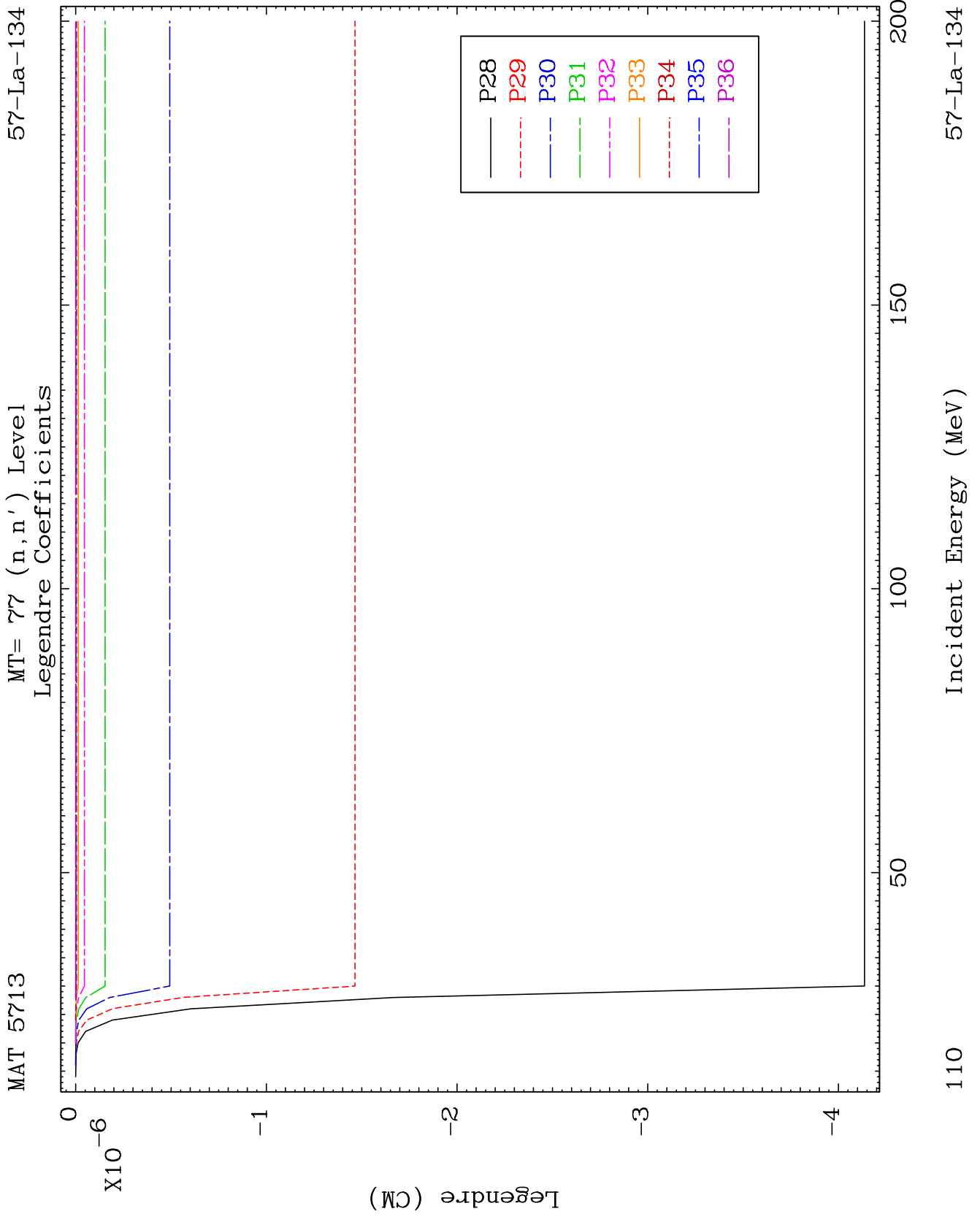
57-La-134



109

Incident Energy (MeV)

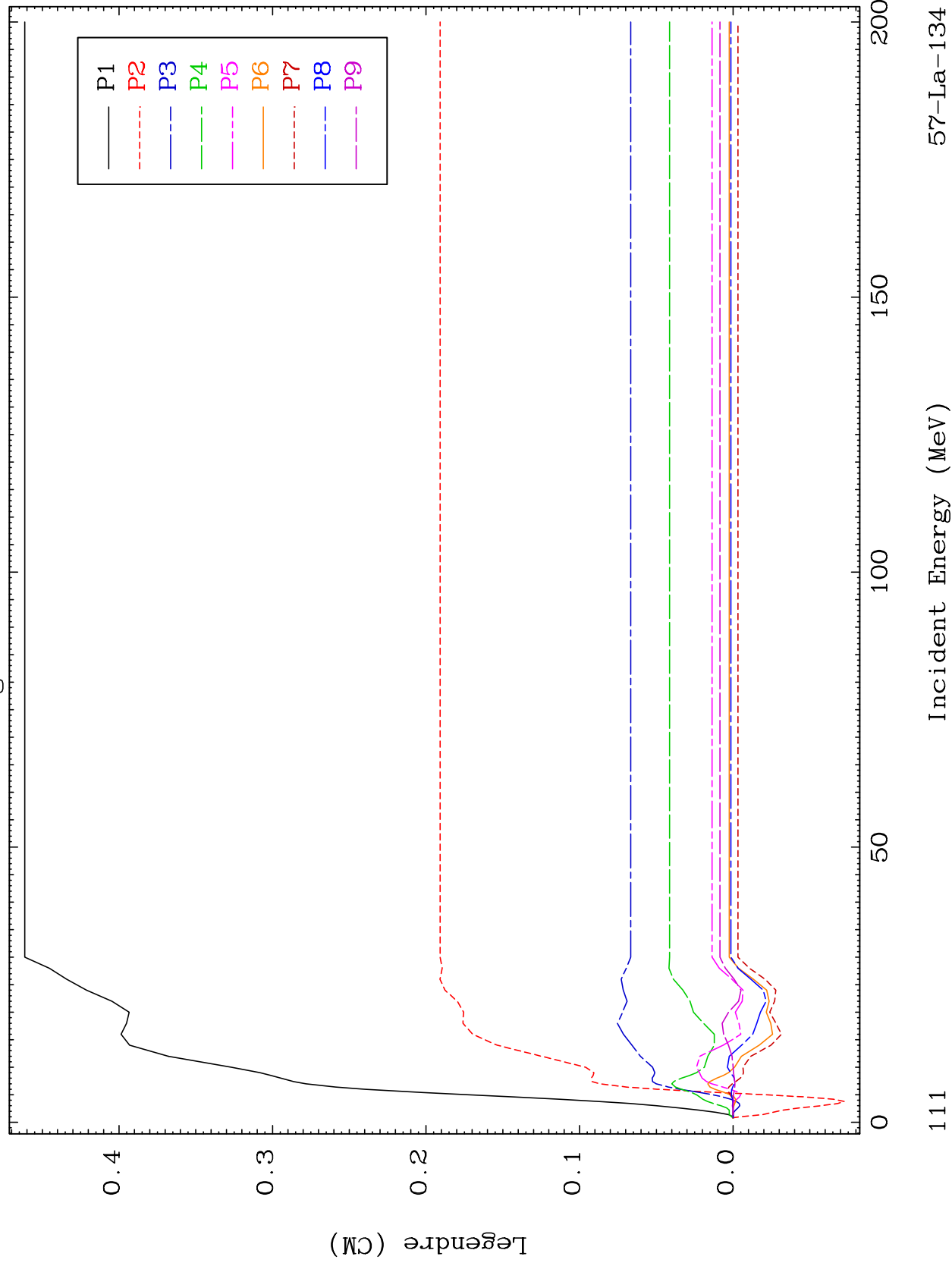
57-La-134



MAT 5713

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

57-La-134



57-La-134

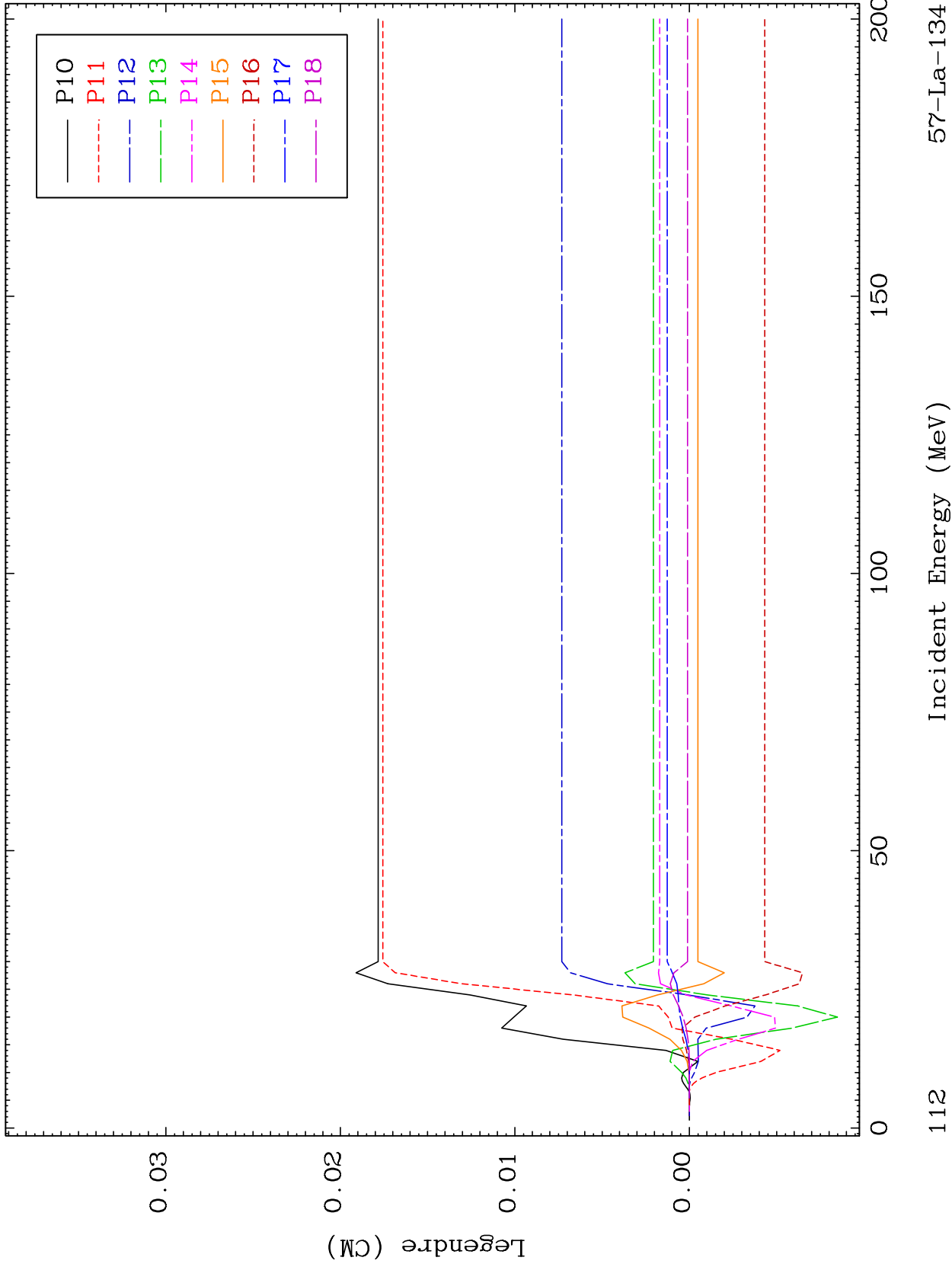
Incident Energy (MeV)

111

MAT 5713

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

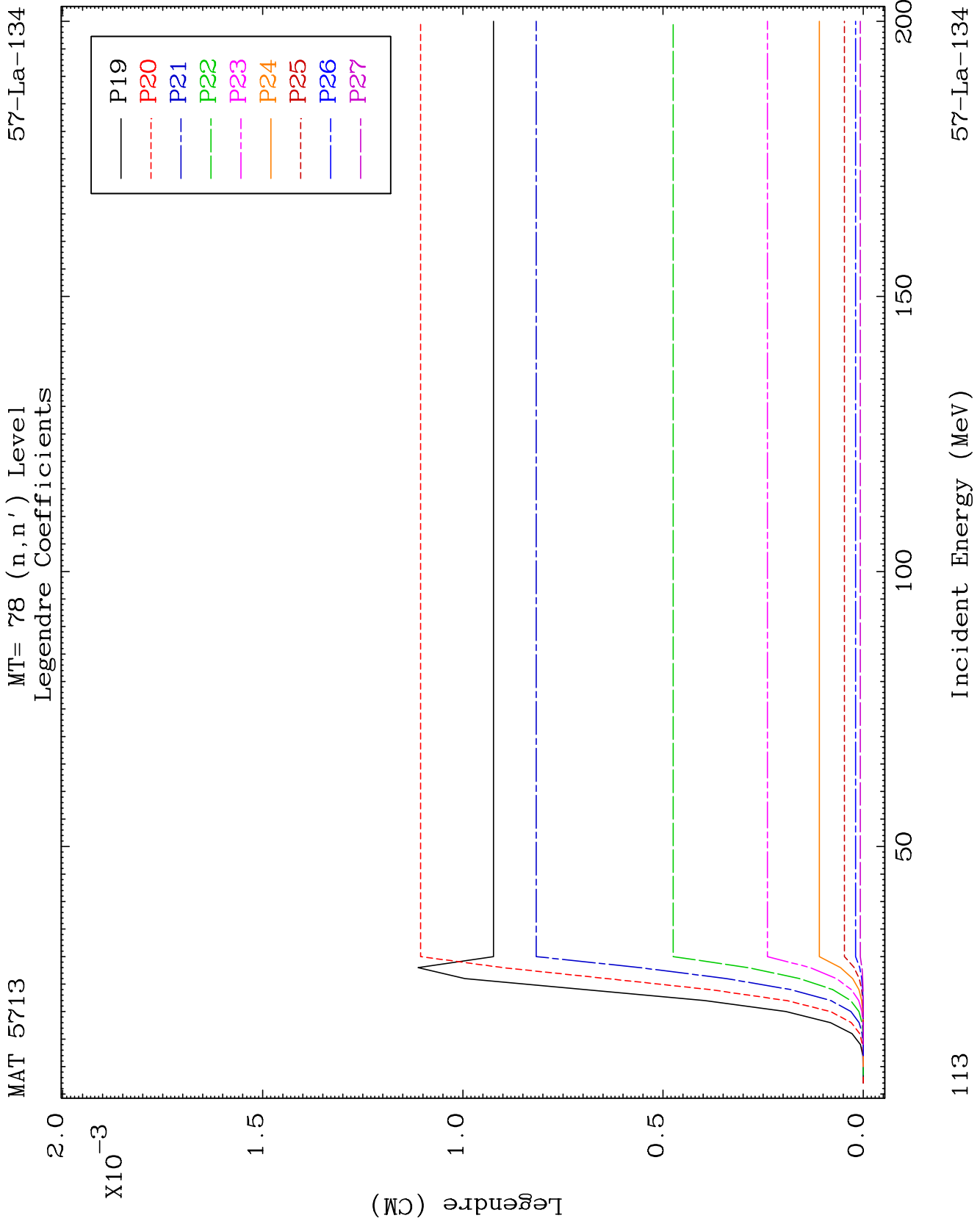
57-La-134



57-La-134

Incident Energy (MeV)

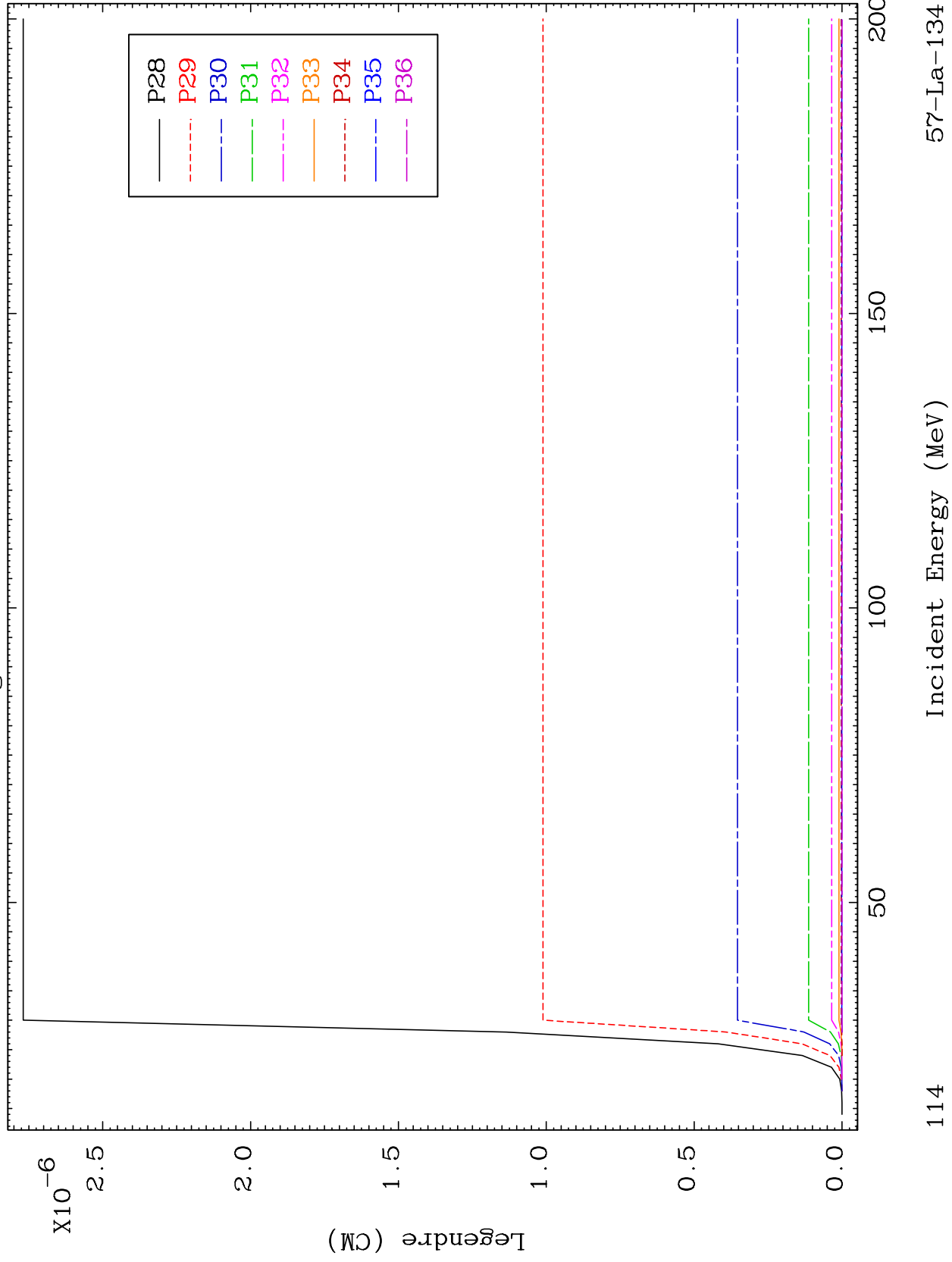
112



MAT 5713

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

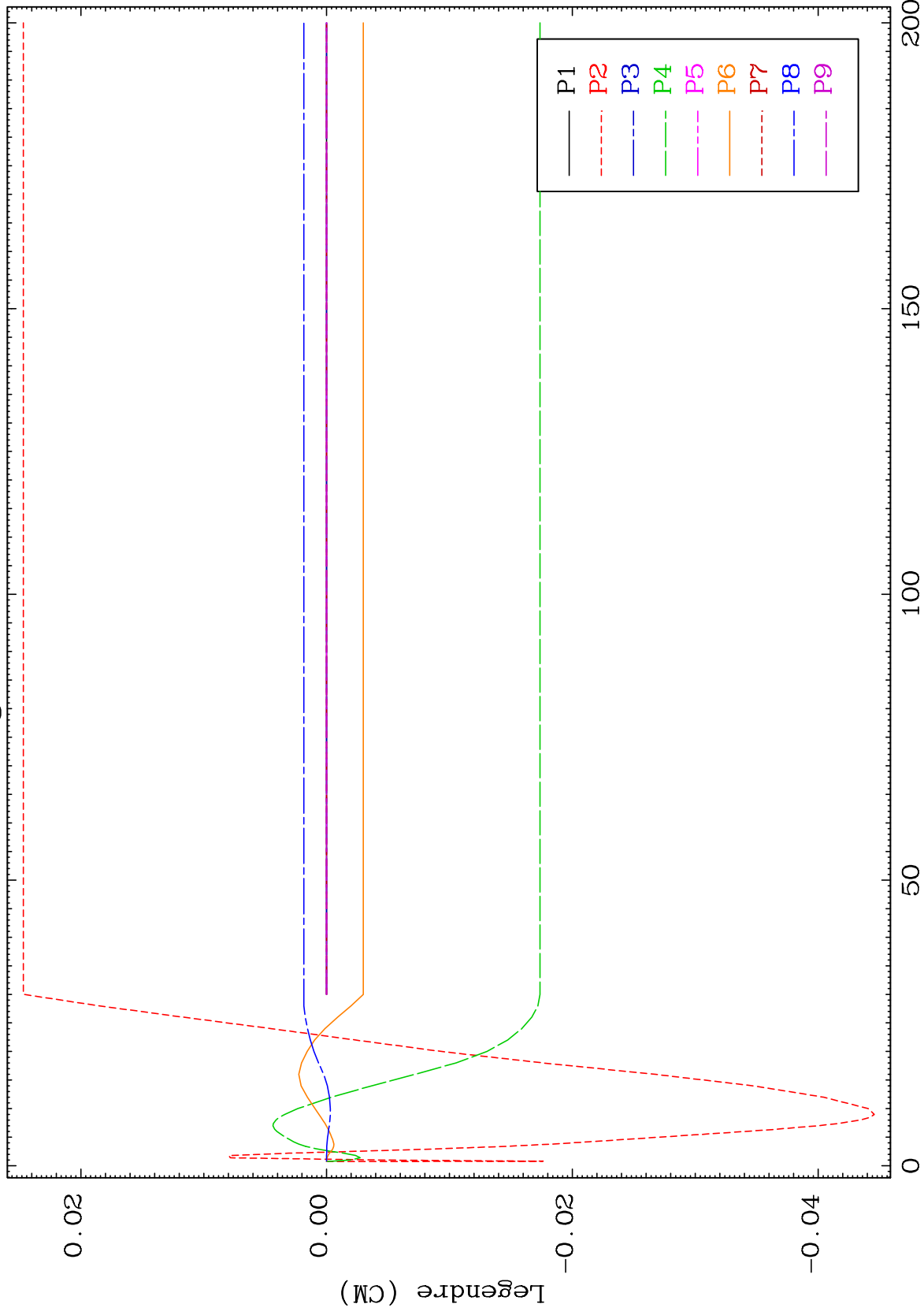
57-La-134



MAT 5713

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

57-La-134



57-La-134

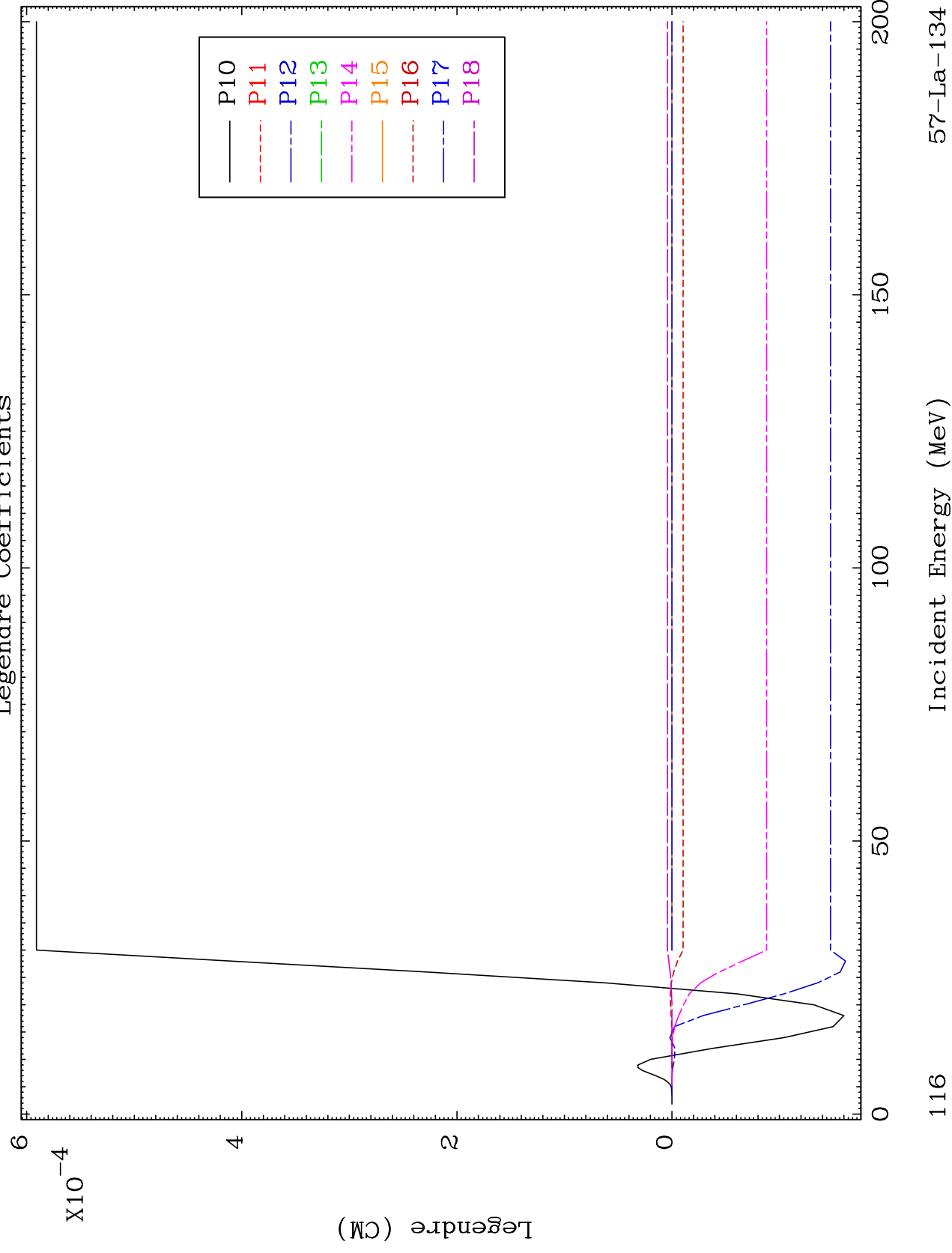
Incident Energy (MeV)

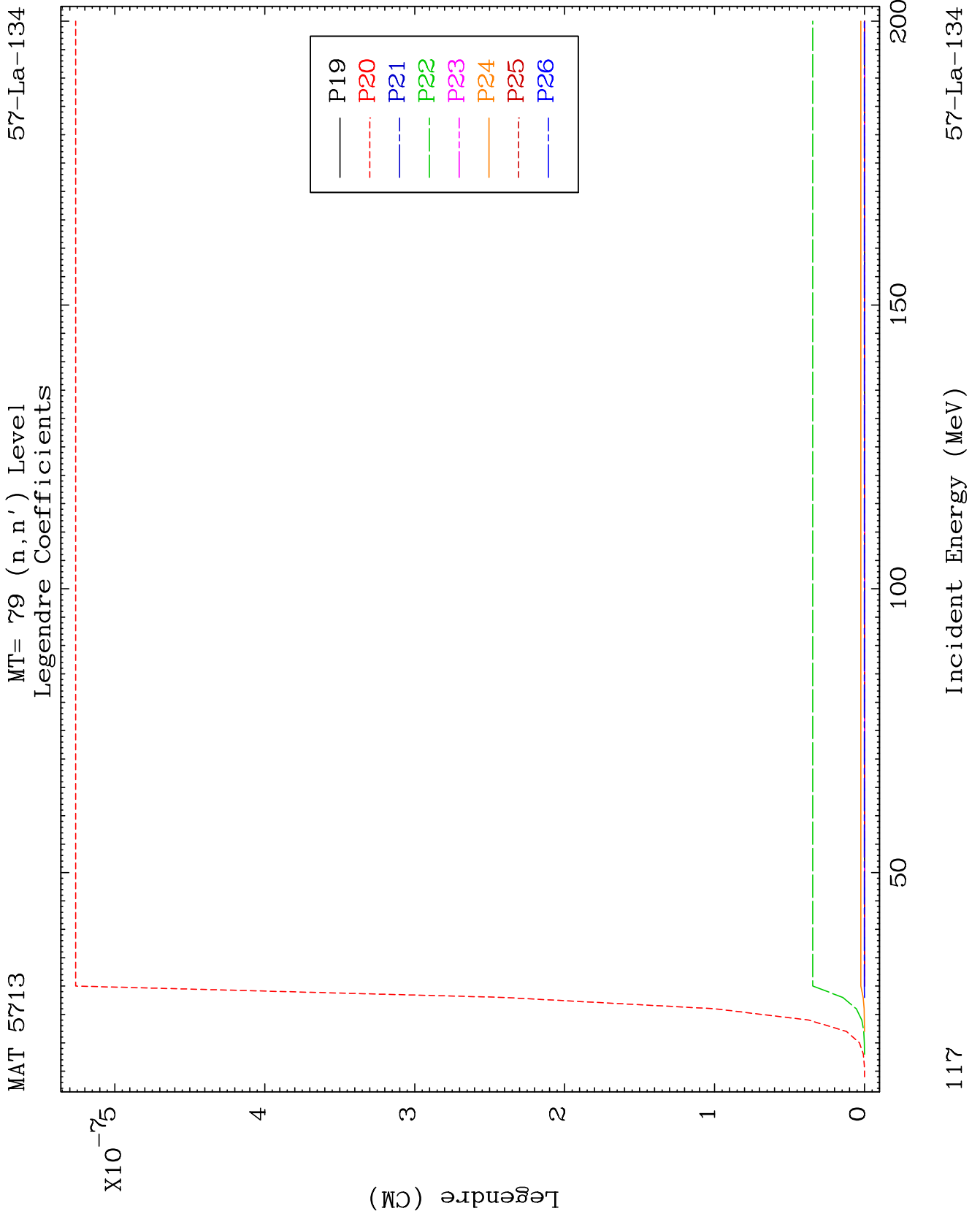
115

MAT 5713

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

57-La-134

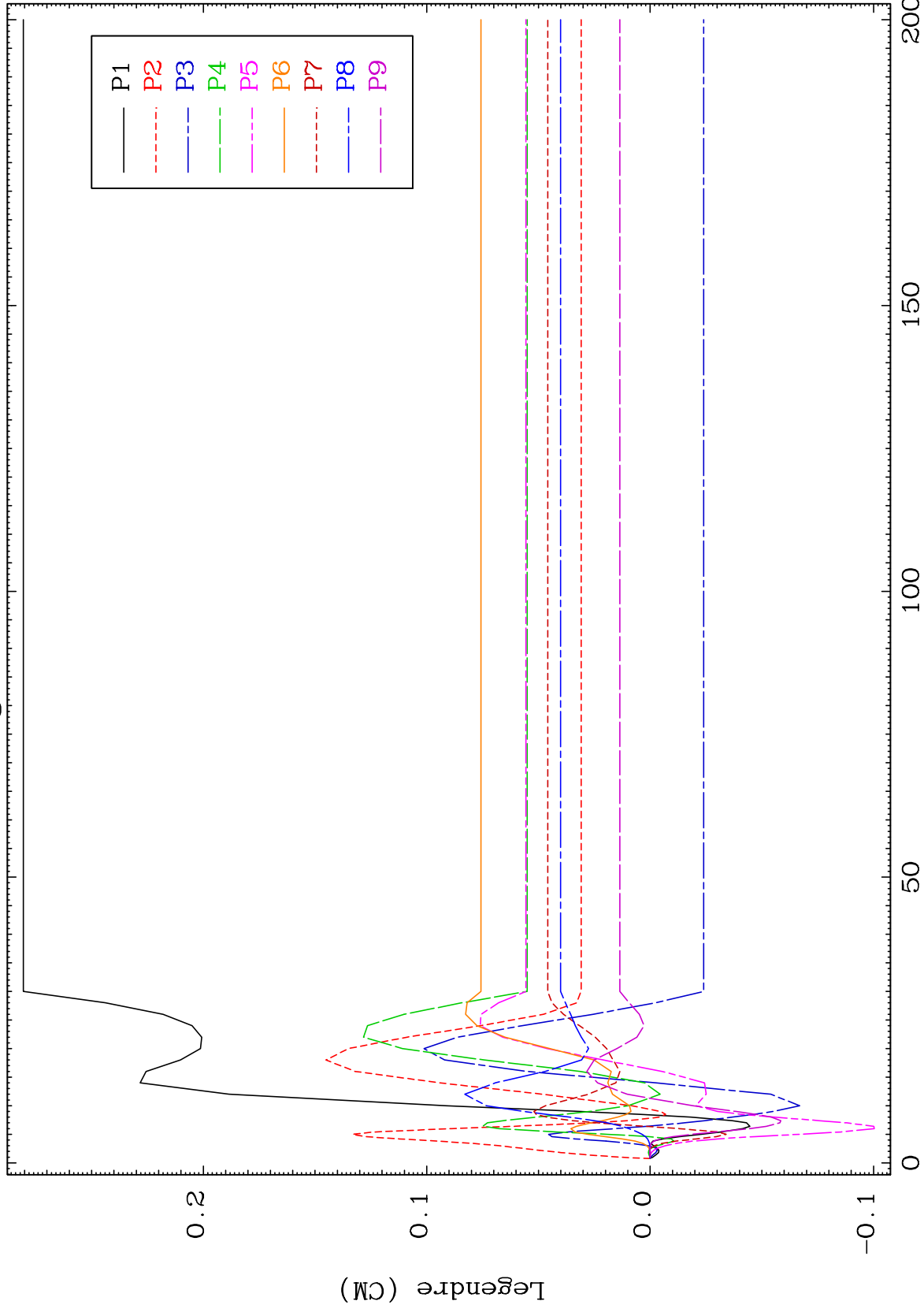




MAT 5713

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

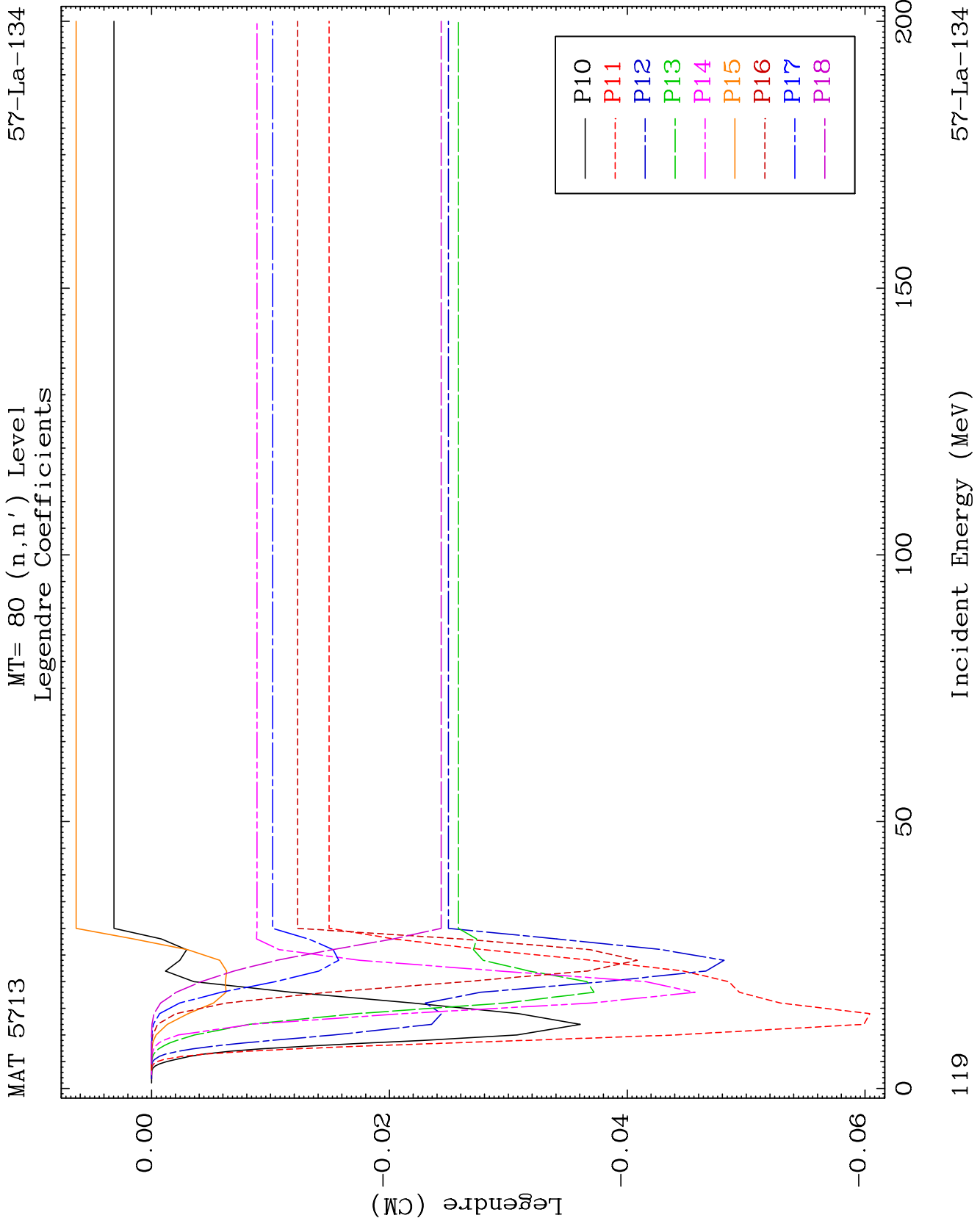
57-La-134

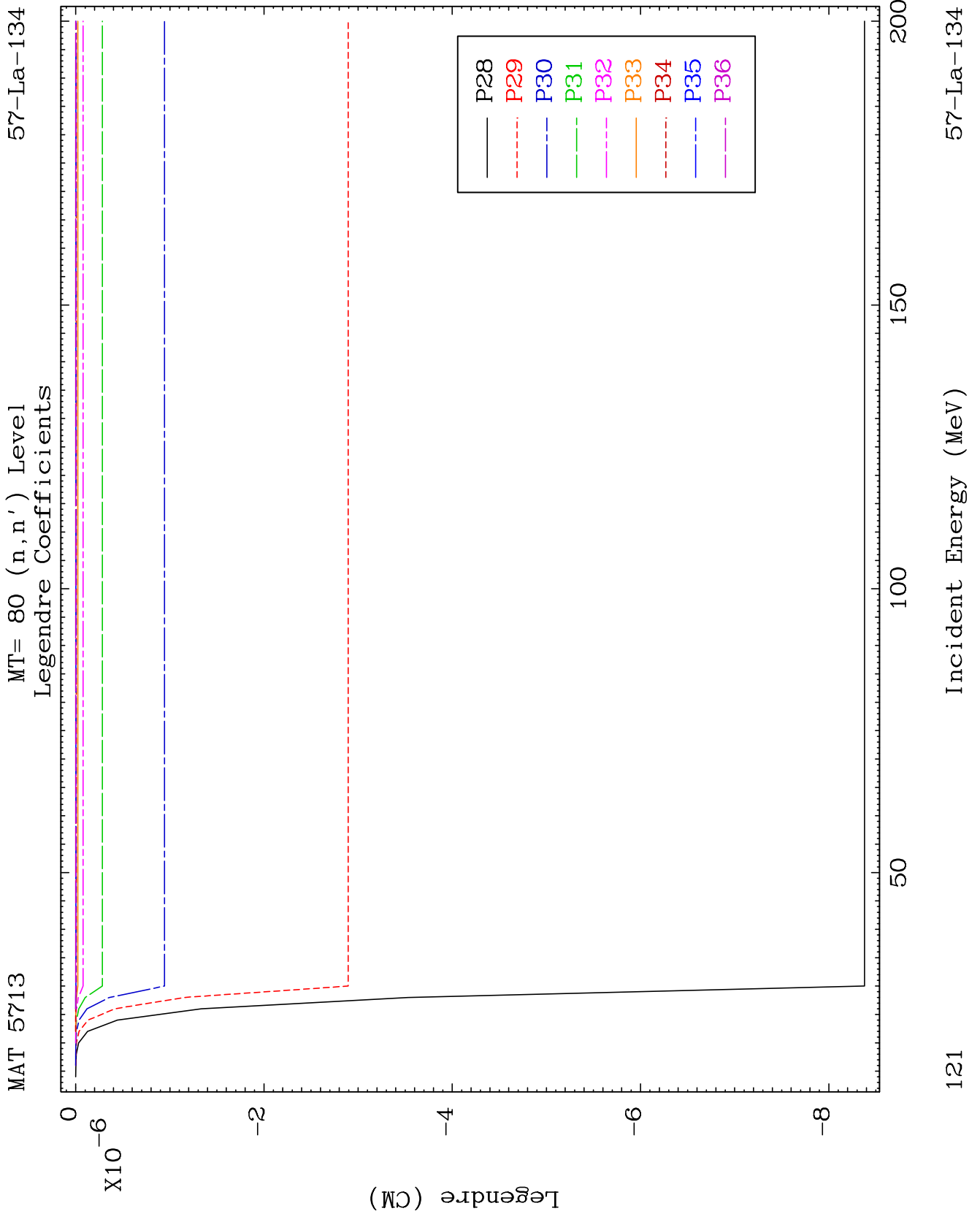


118

Incident Energy (MeV)

57-La-134



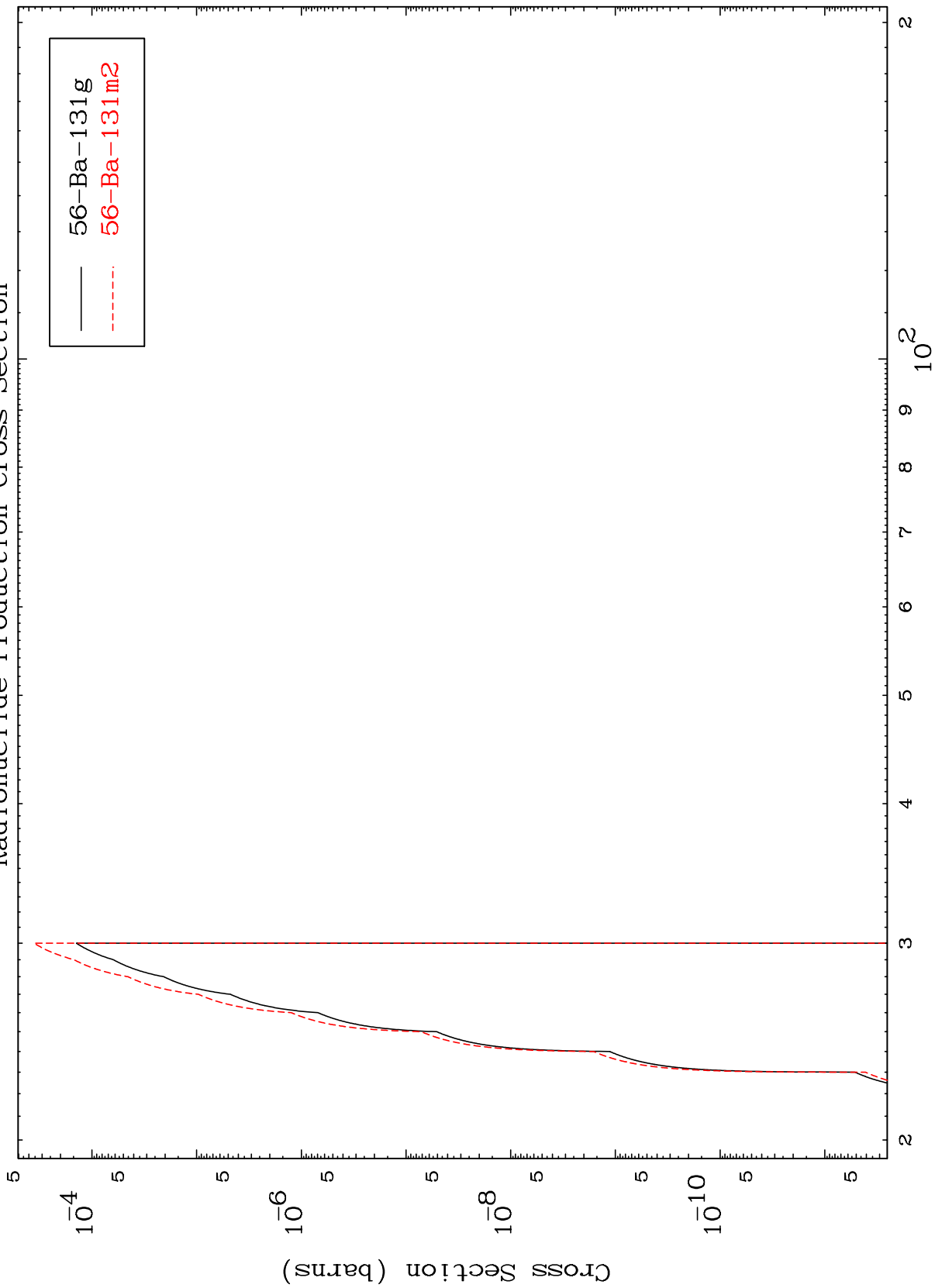


MAT 5713

(n,2n) d

57-La-134

Radionuclide Production Cross Section



122

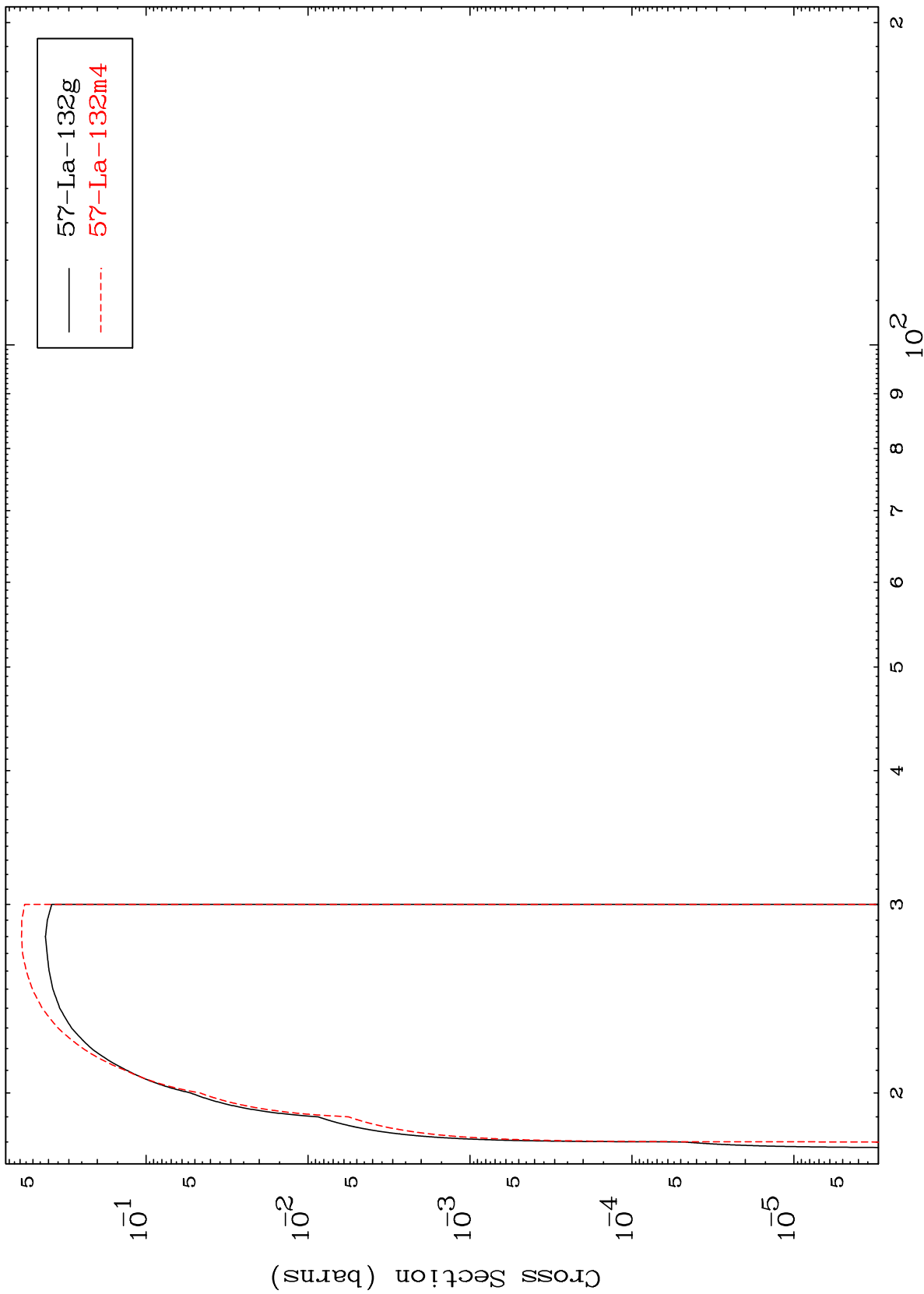
Incident Energy (MeV)

57-La-134

MAT 5713

57-La-134

(n,3n)
Radionuclide Production Cross Section



123

Incident Energy (MeV)

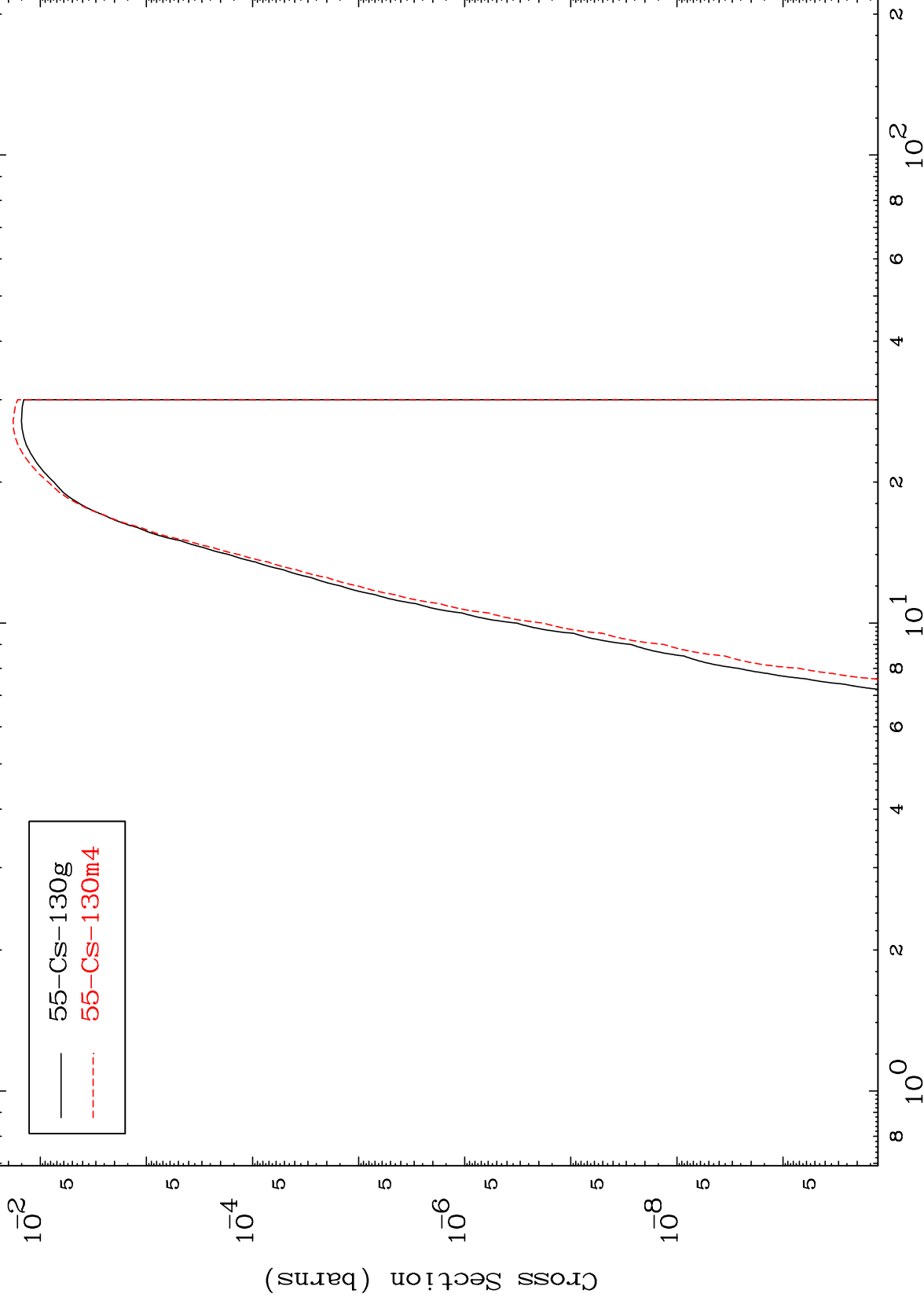
57-La-134

MAT 5713

(n,n') α

57-La-134

Radionuclide Production Cross Section



124

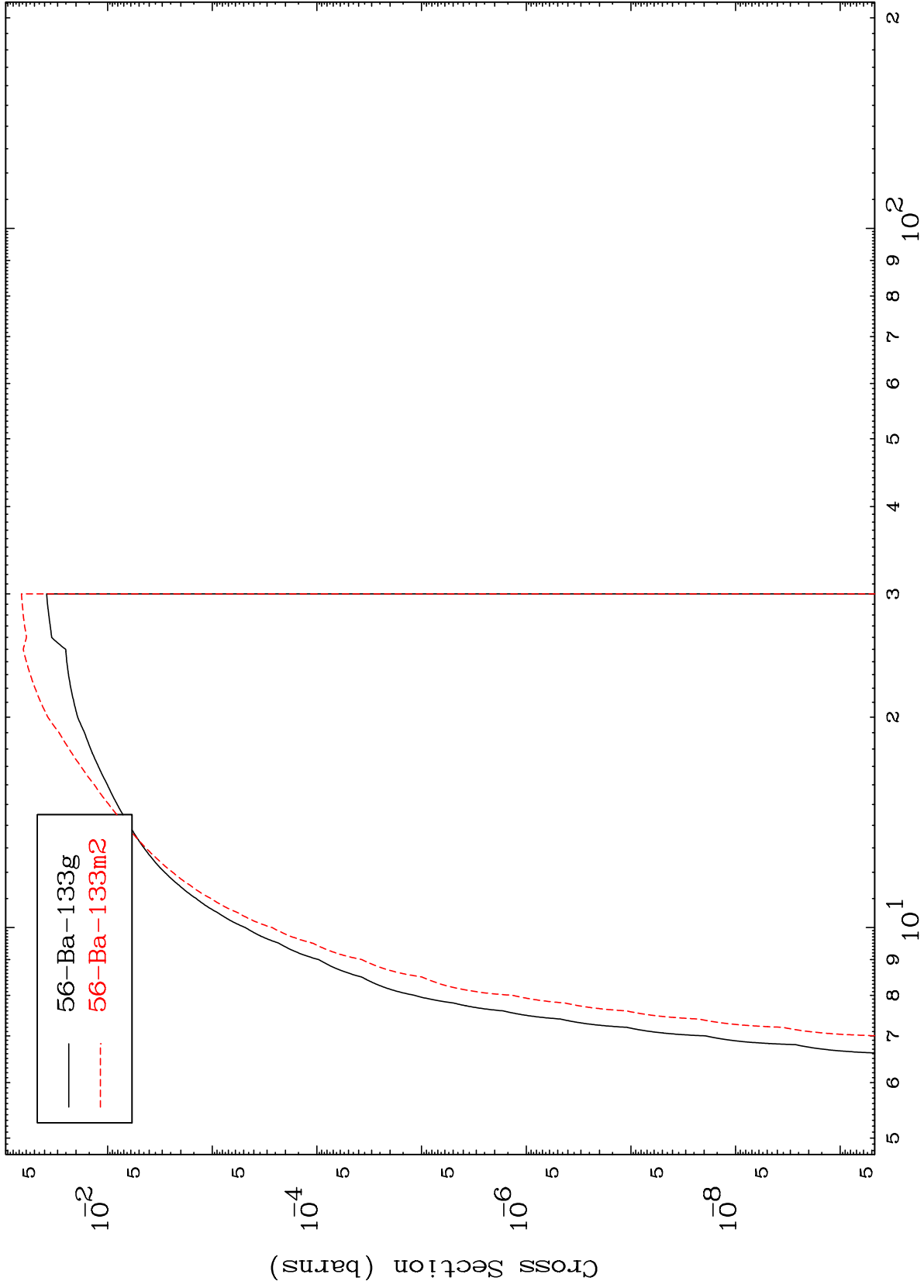
Incident Energy (MeV)

57-La-134

MAT 5713

57-La-134

(n,n') p
Radionuclide Production Cross Section

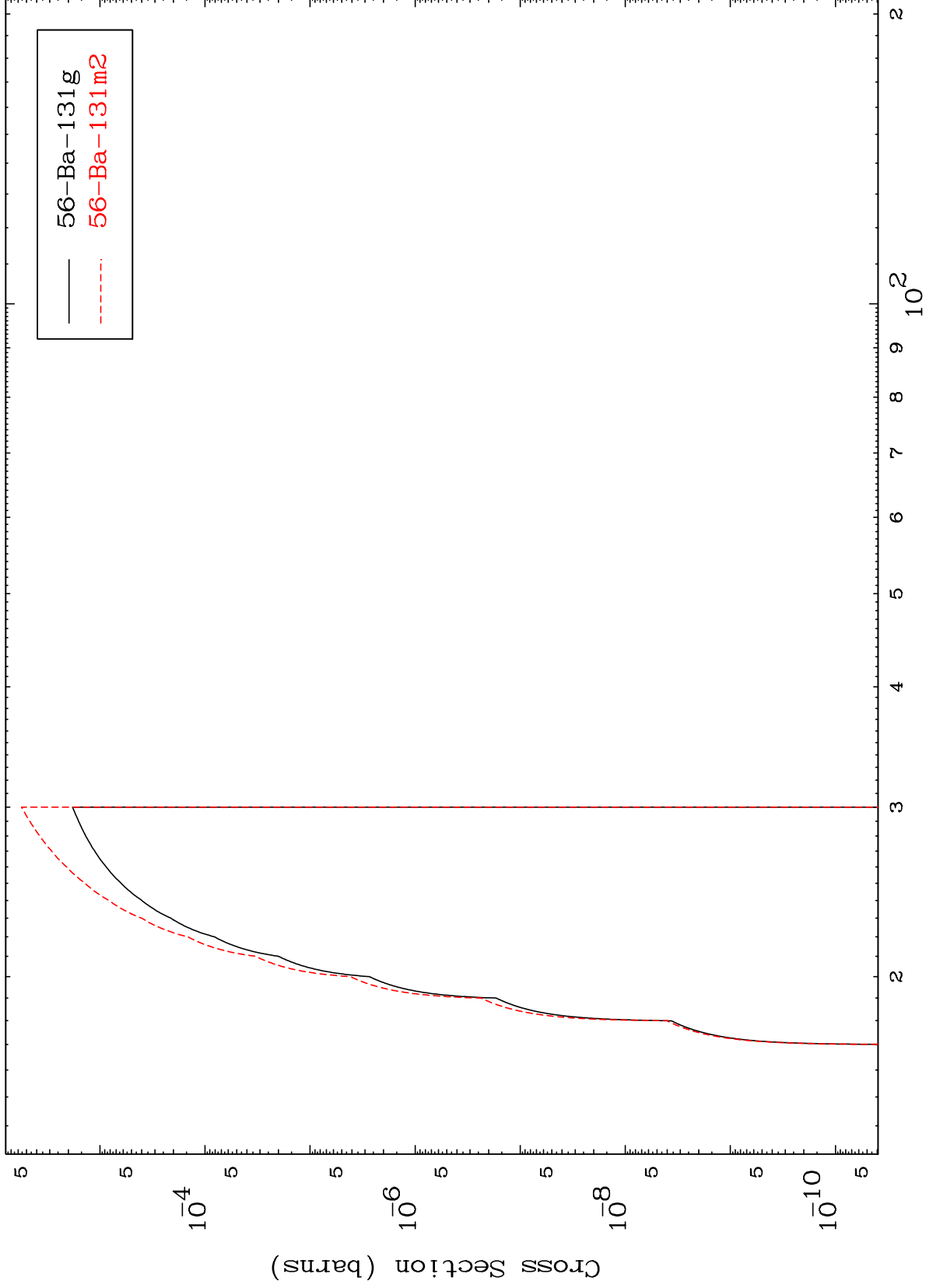


125

Incident Energy (MeV)

57-La-134

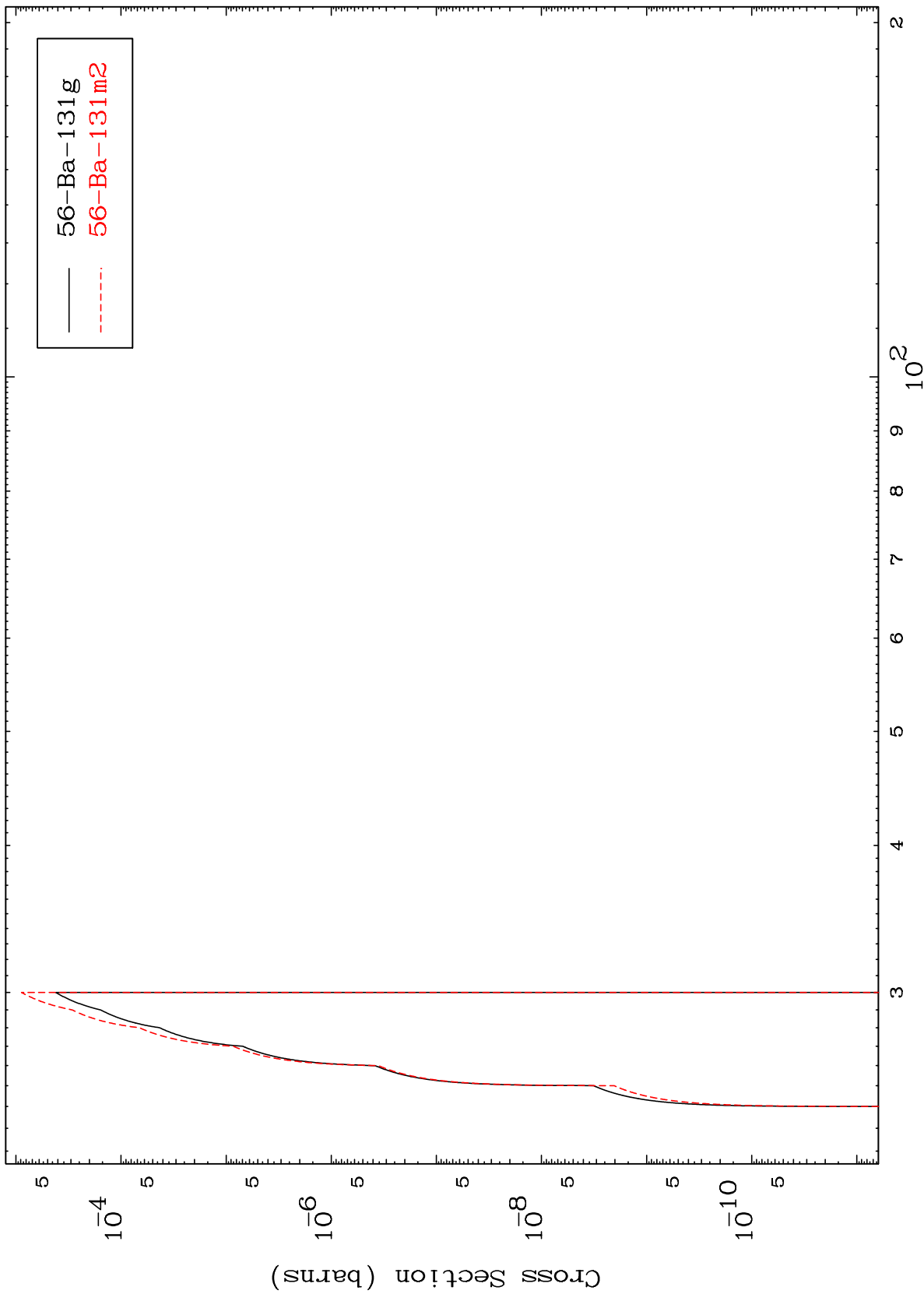
Radionuclide Production Cross Section



MAT 5713

57-La-134

(n,3n) p
Radionuclide Production Cross Section



127

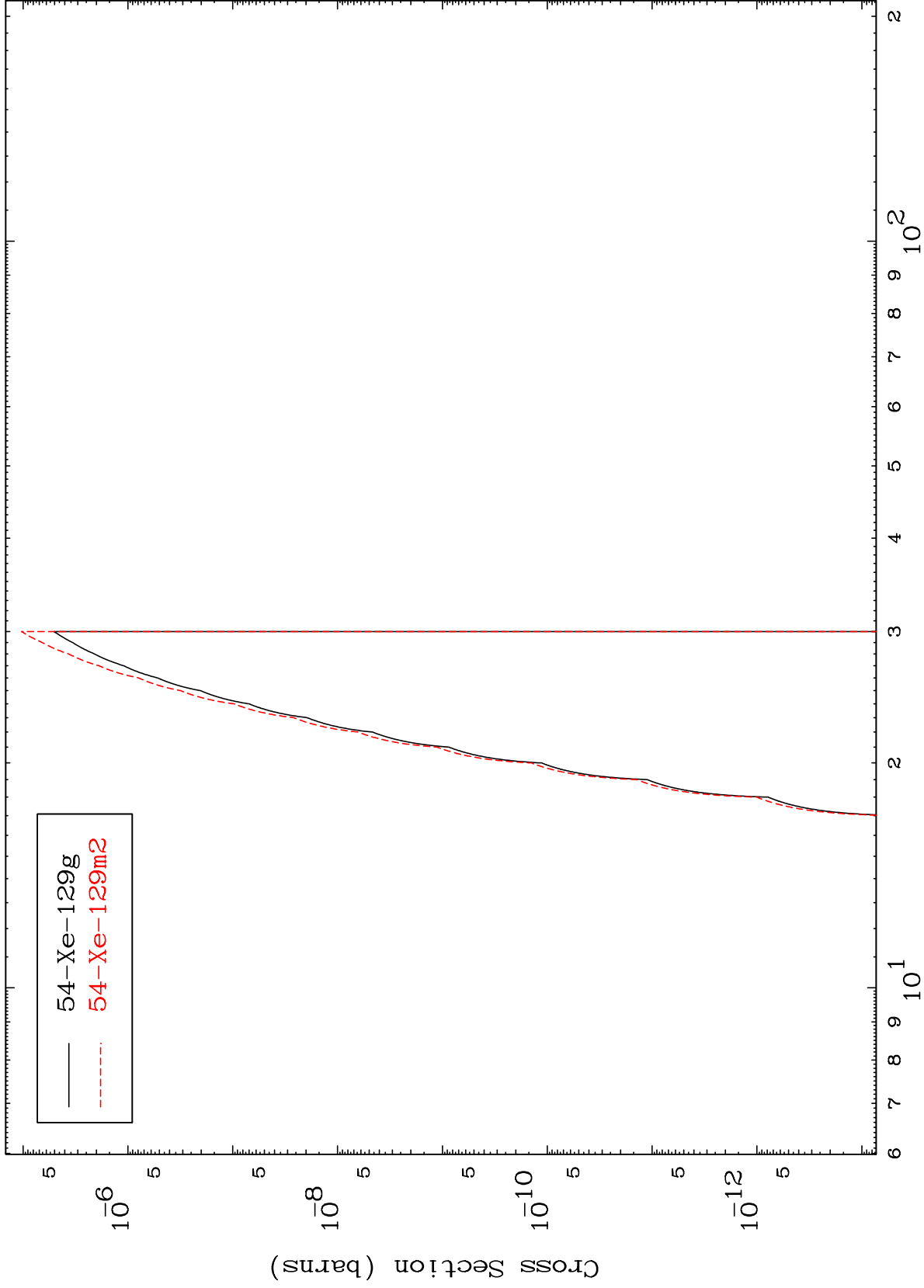
57-La-134

MAT 5713

(n,n') p α

57-La-134

Radionuclide Production Cross Section



128

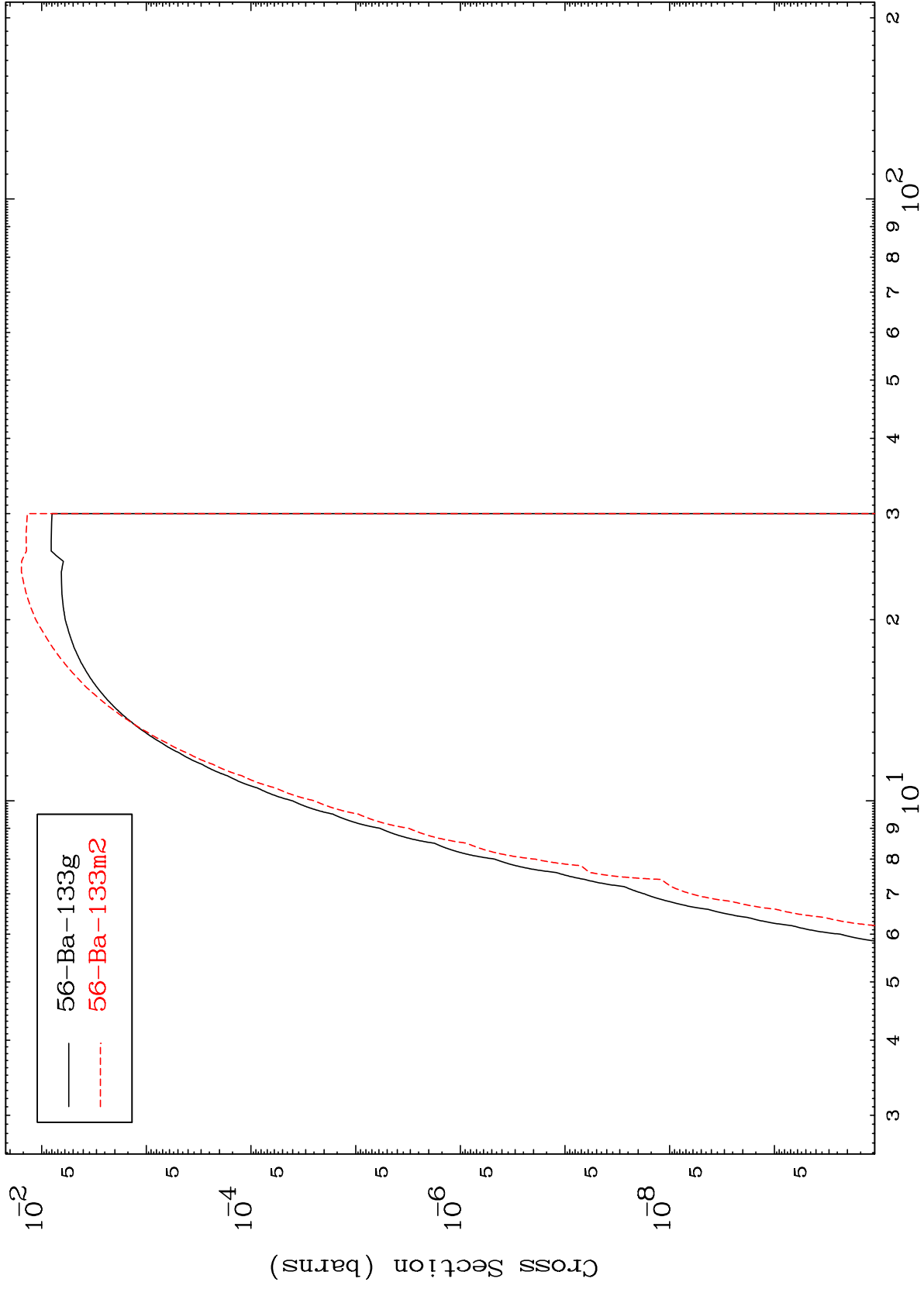
Incident Energy (MeV)

57-La-134

MAT 5713

57-La-134

(n,d)
Radionuclide Production Cross Section



129

Incident Energy (MeV)

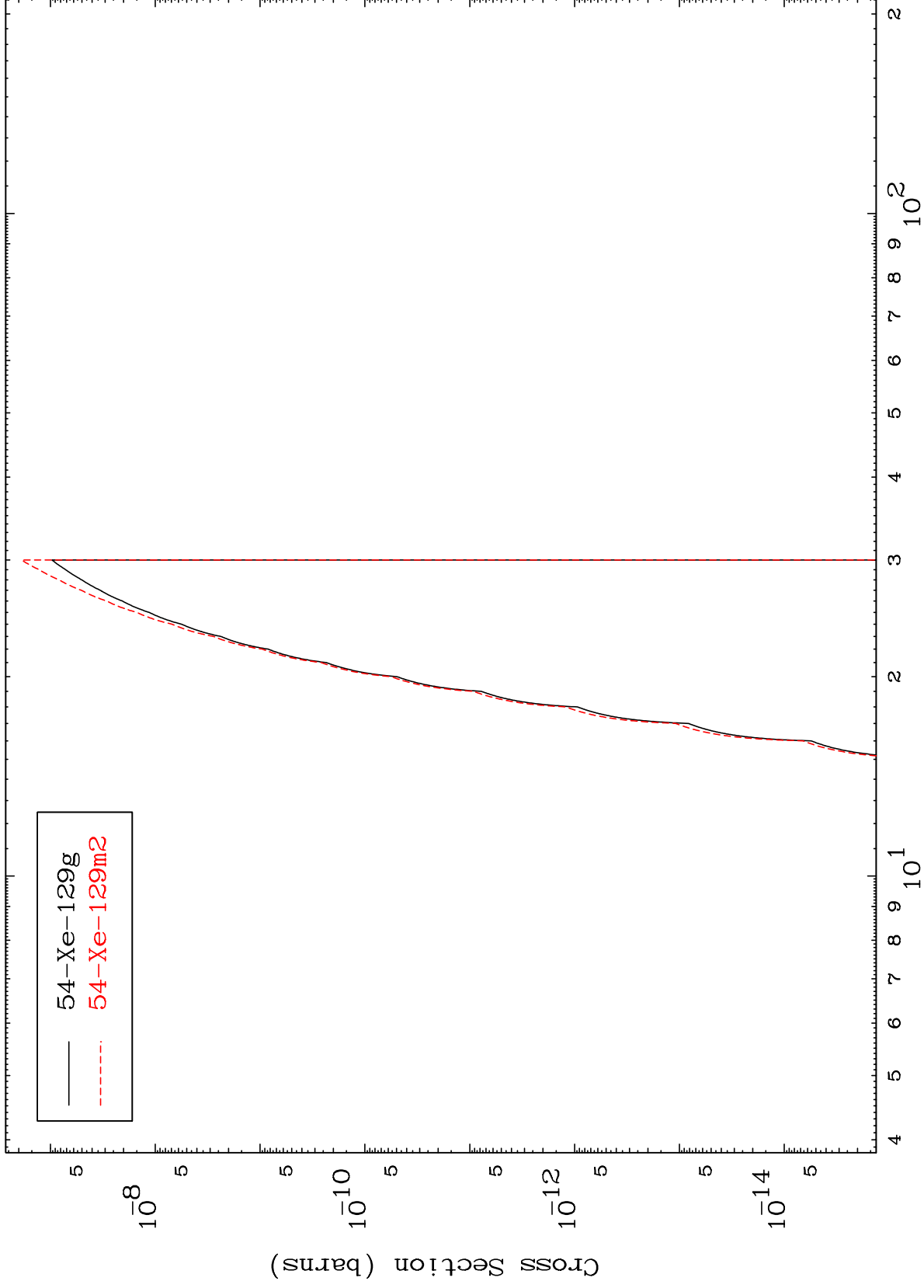
57-La-134

MAT 5713

(n,d) α

57-La-134

Radionuclide Production Cross Section



130

Incident Energy (MeV)

57-La-134