

Program EVALPLOT
(Version 2018-1)

by

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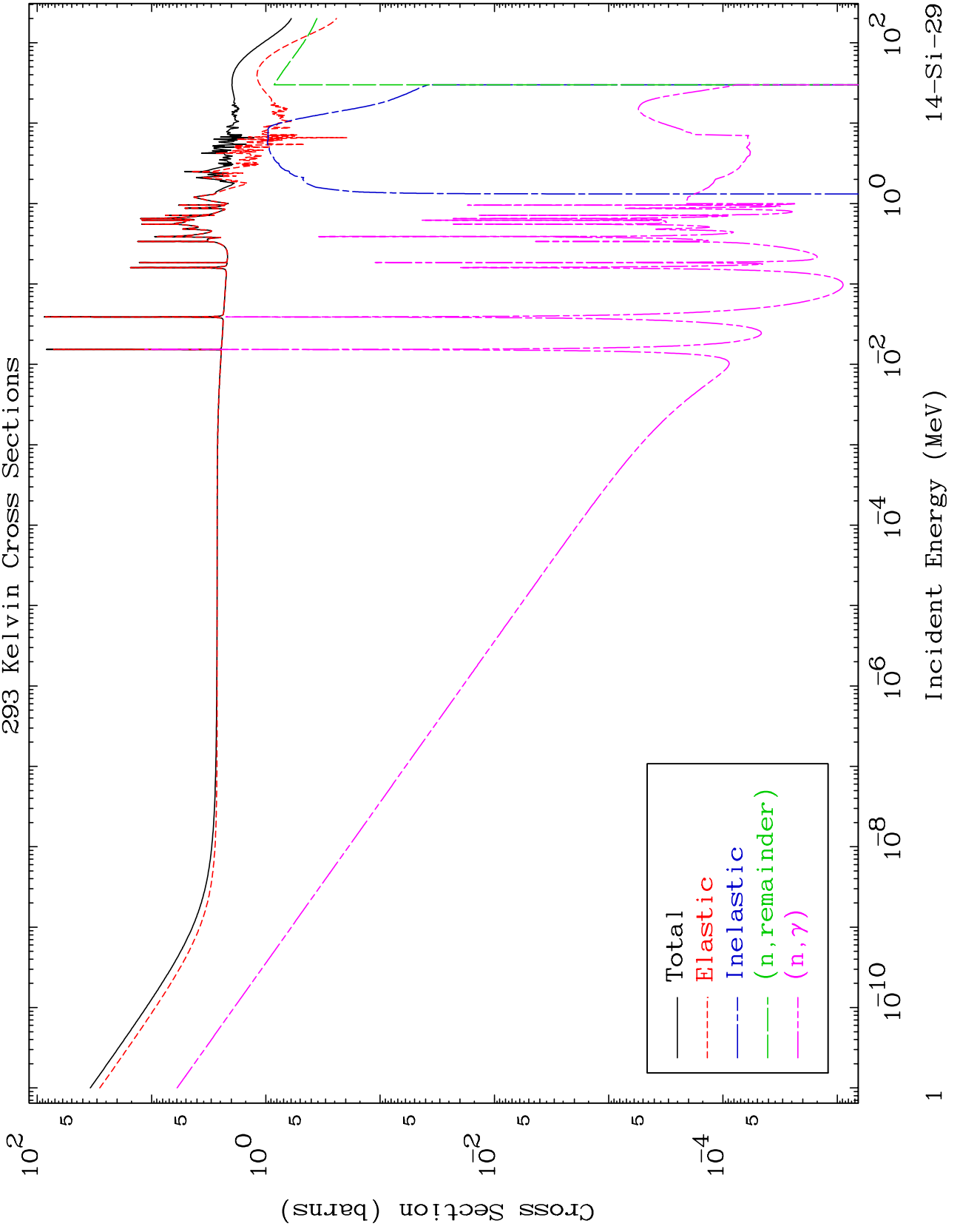
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1428

Major
293 Kelvin Cross Sections

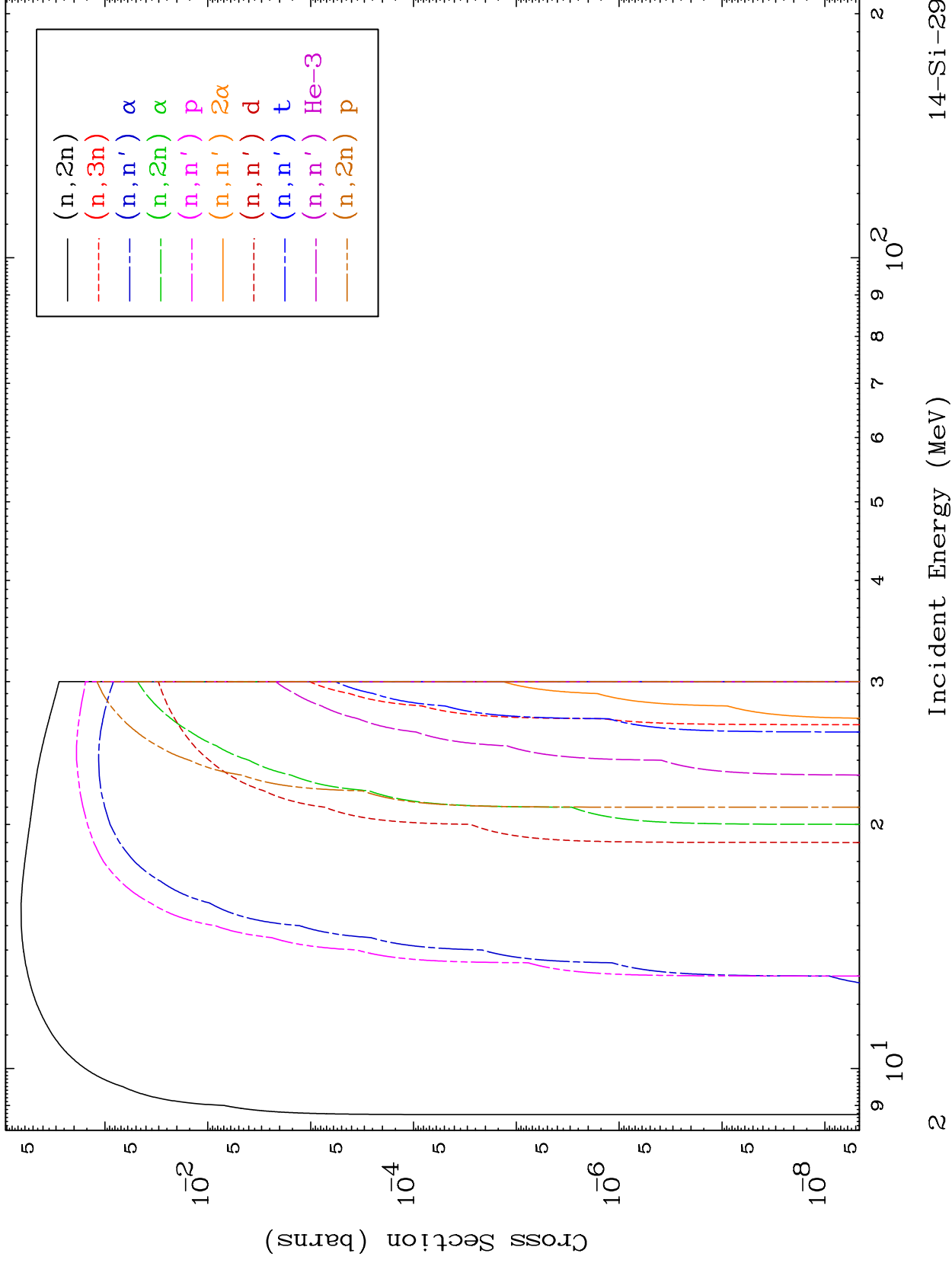
14-Si-29



MAT 1428

Neutron Production
293 Kelvin Cross Sections

14-Si-29



14-Si-29

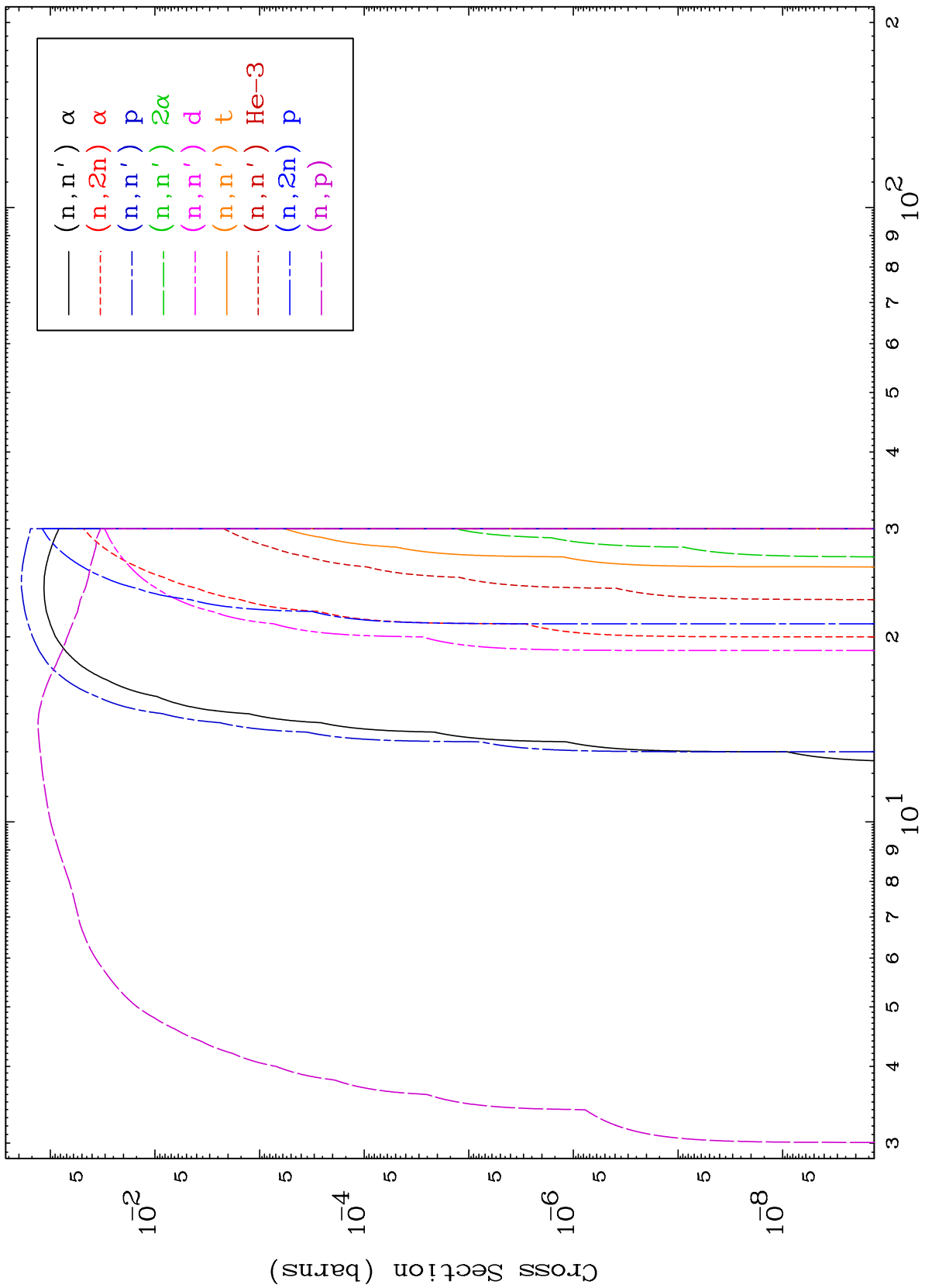
Incident Energy (MeV)

2

MAT 1428

Charged Particle
293 Kelvin Cross Sections

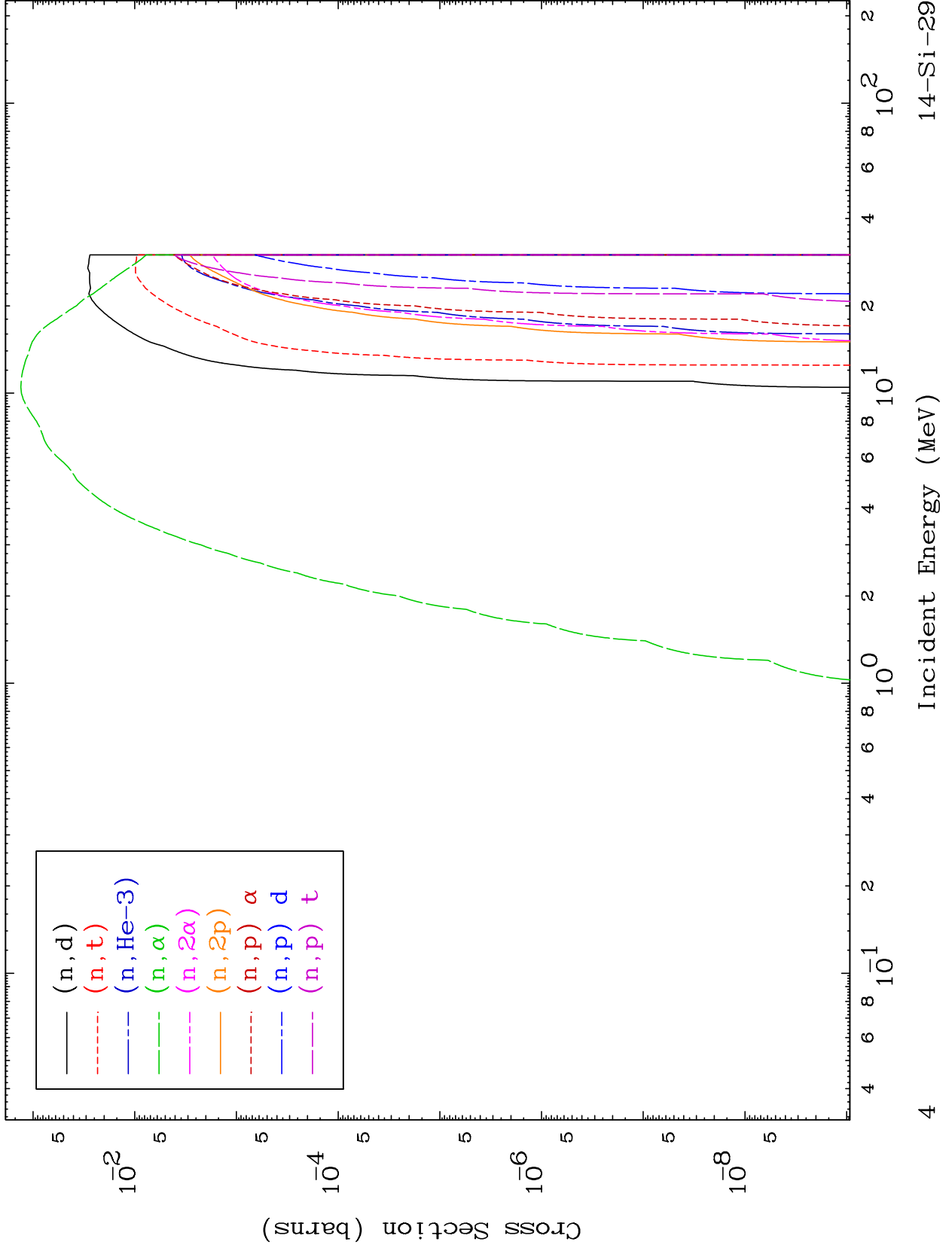
14-Si-29

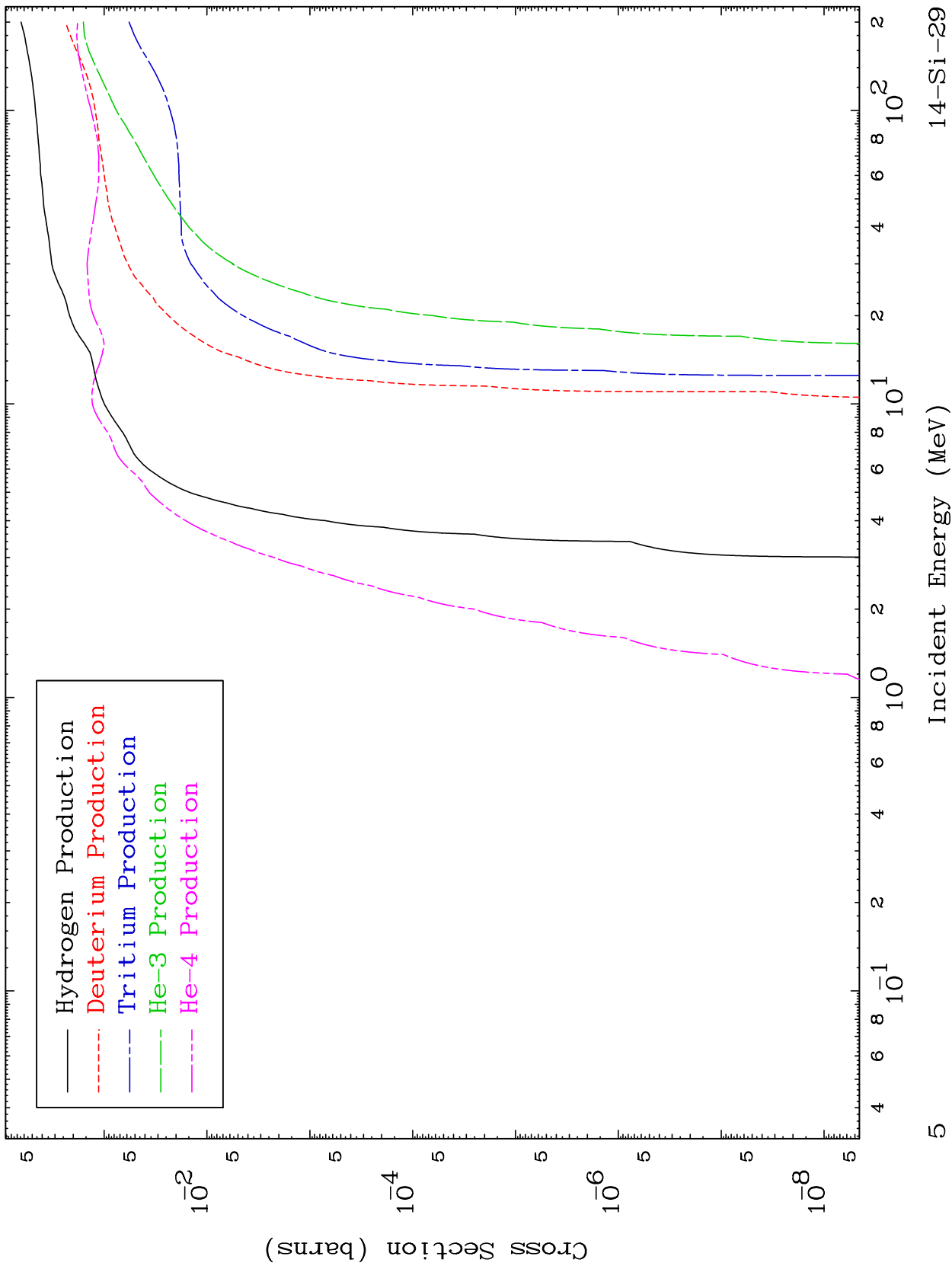


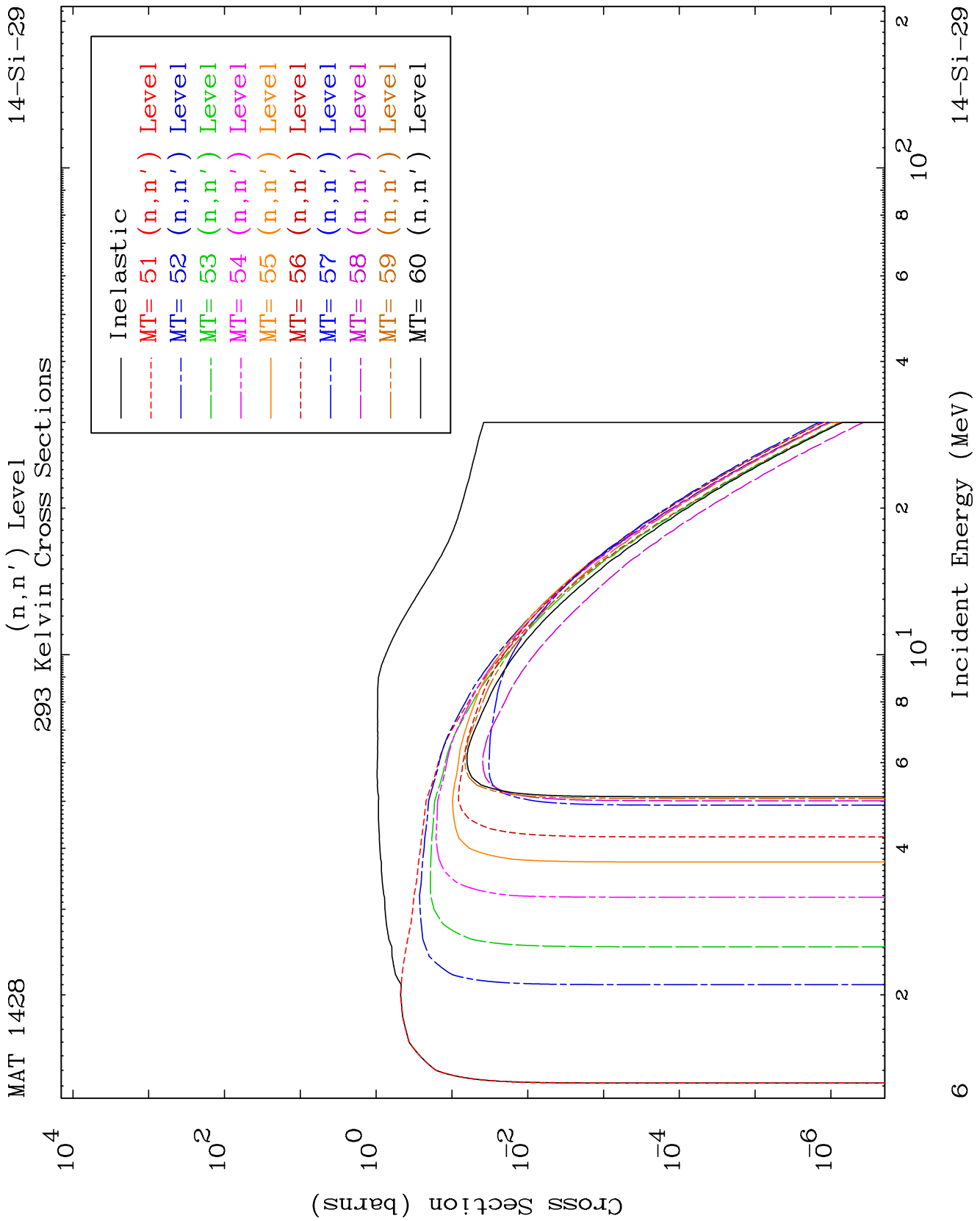
3

Incident Energy (MeV)

14-Si-29





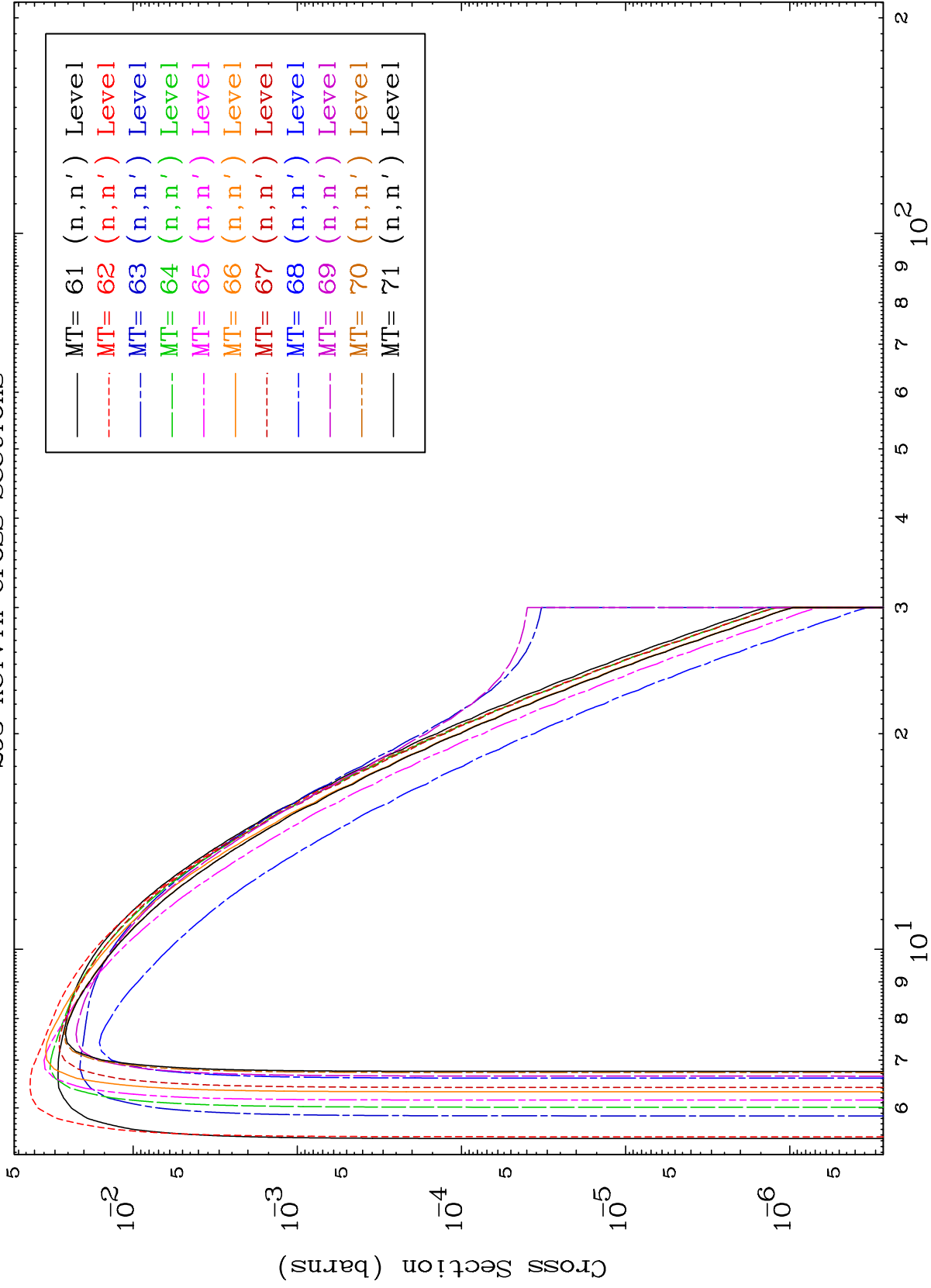


MAT 1428

(n,n') Level

14-Si-29

293 Kelvin Cross Sections



7

Incident Energy (MeV)

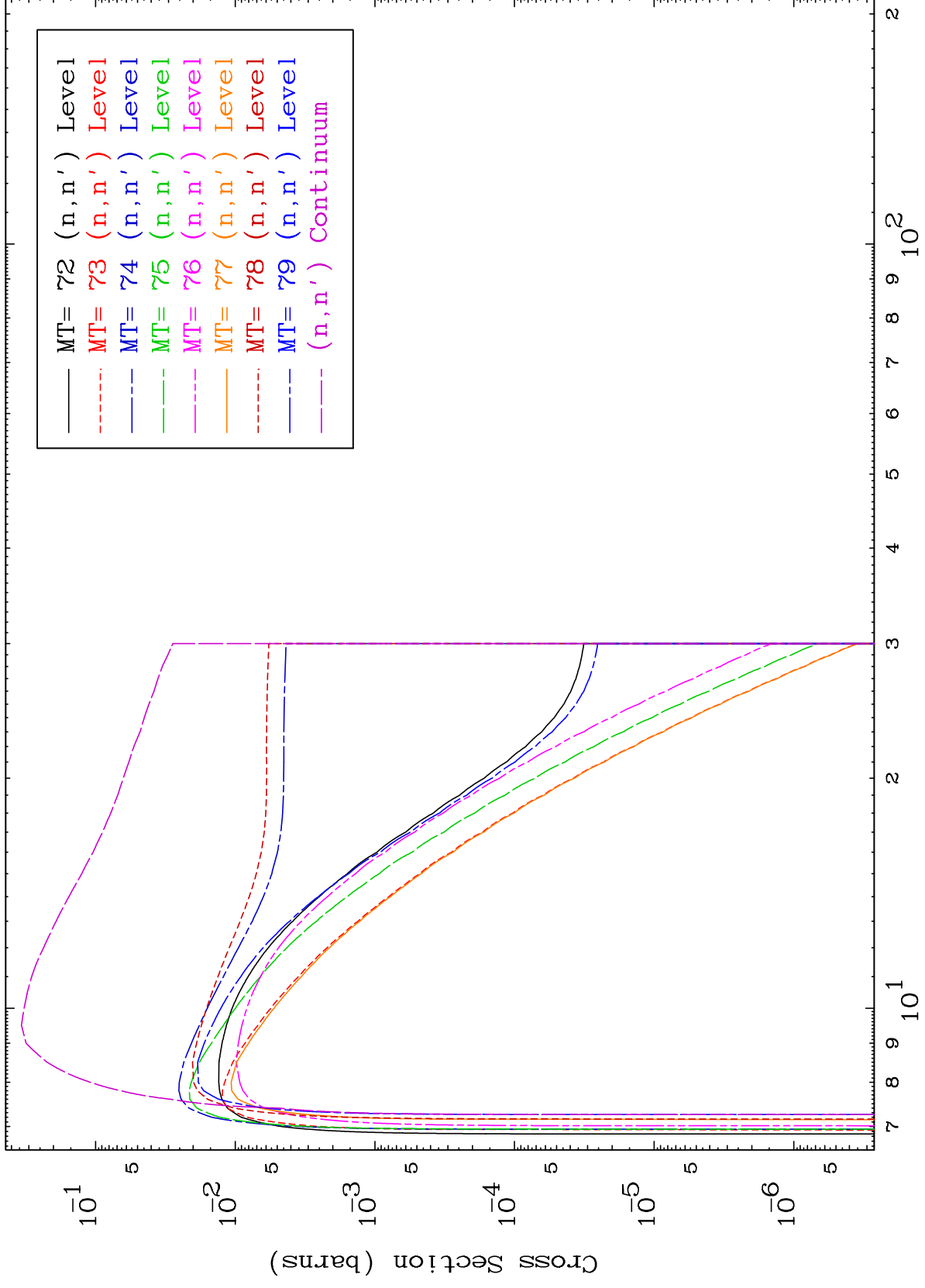
14-Si-29

MAT 1428

(n,n') Level

14-Si-29

293 Kelvin Cross Sections



8

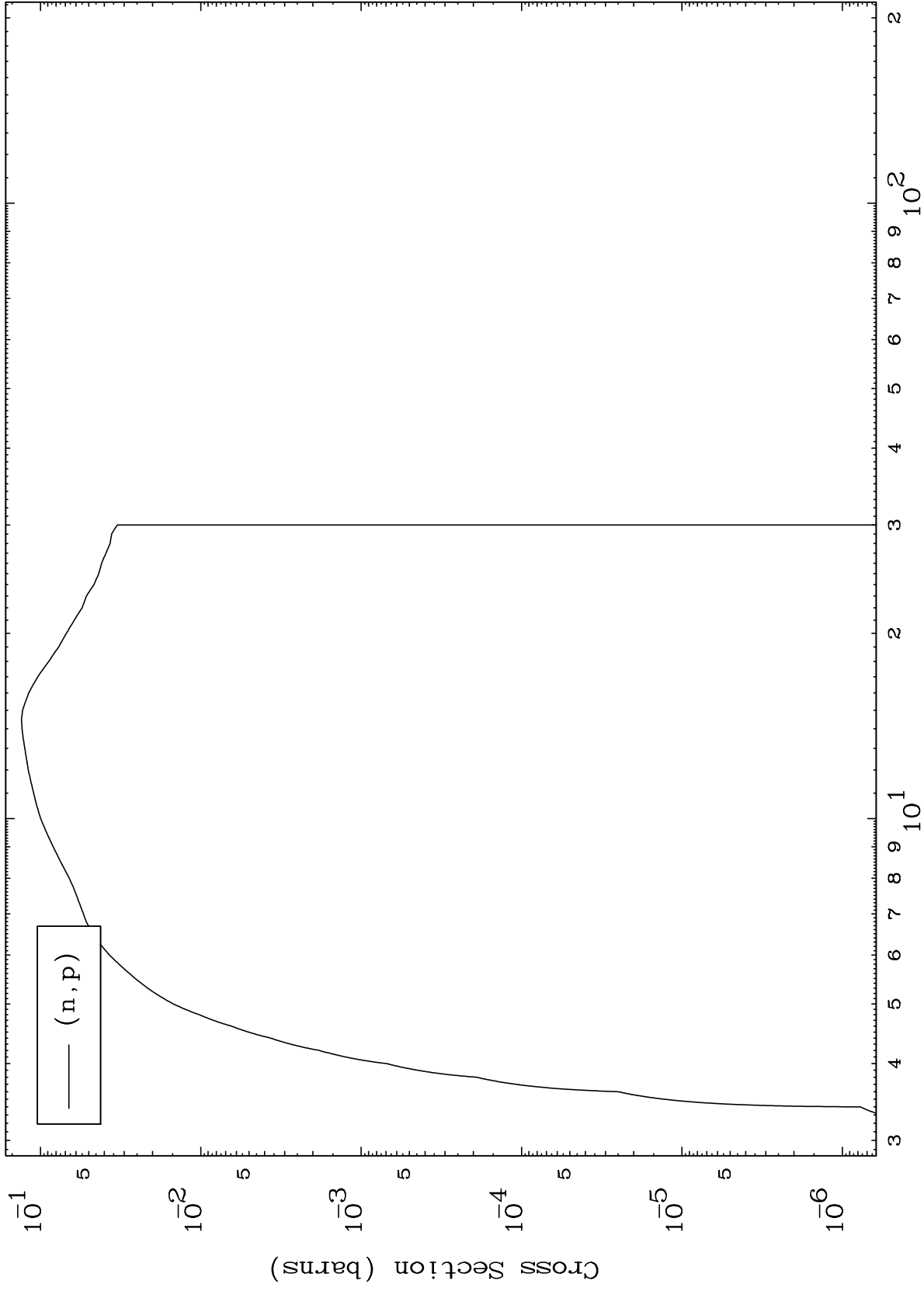
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,p) Levels
293 Kelvin Cross Sections

14-Si-29



9

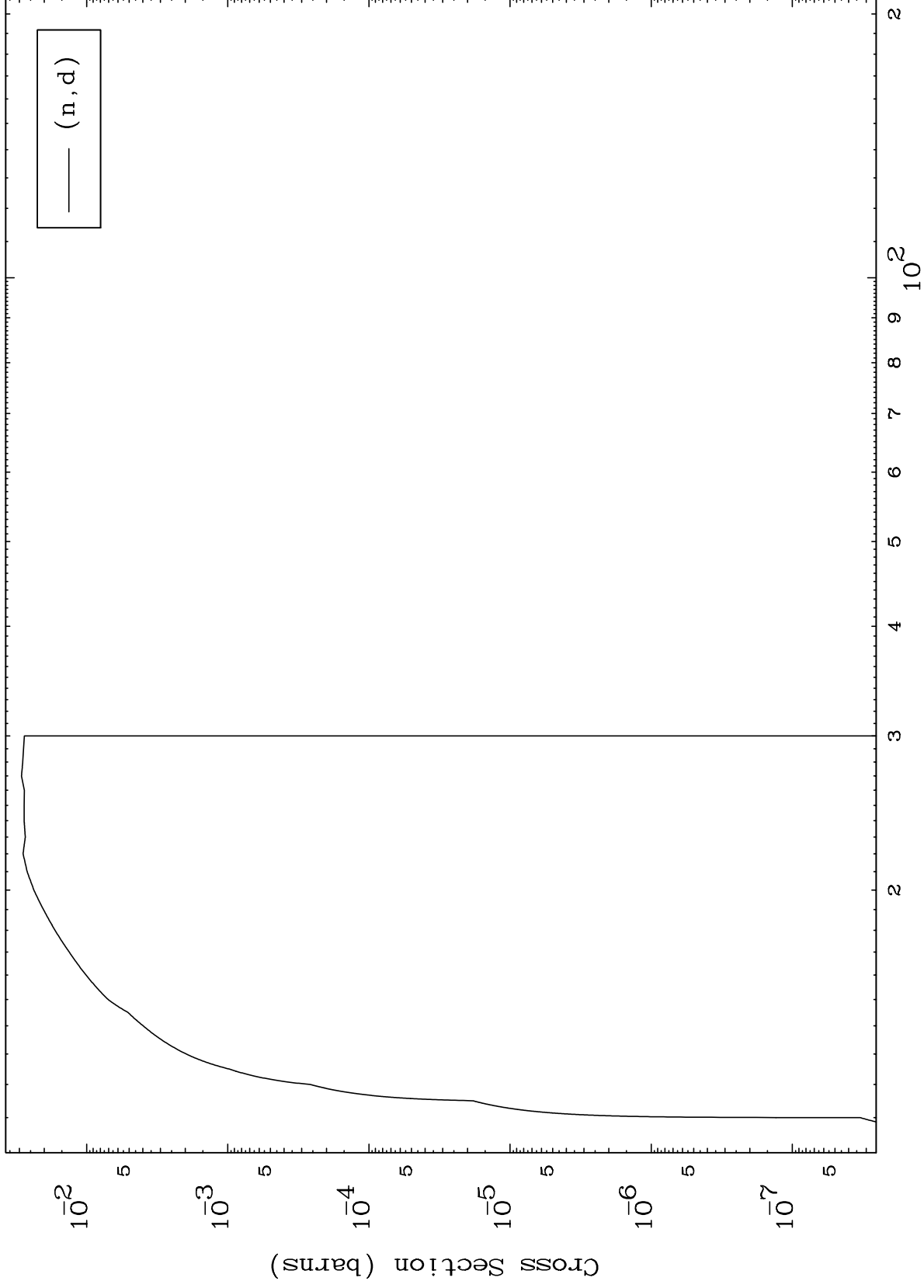
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,d) Levels
293 Kelvin Cross Sections

14-Si-29



10

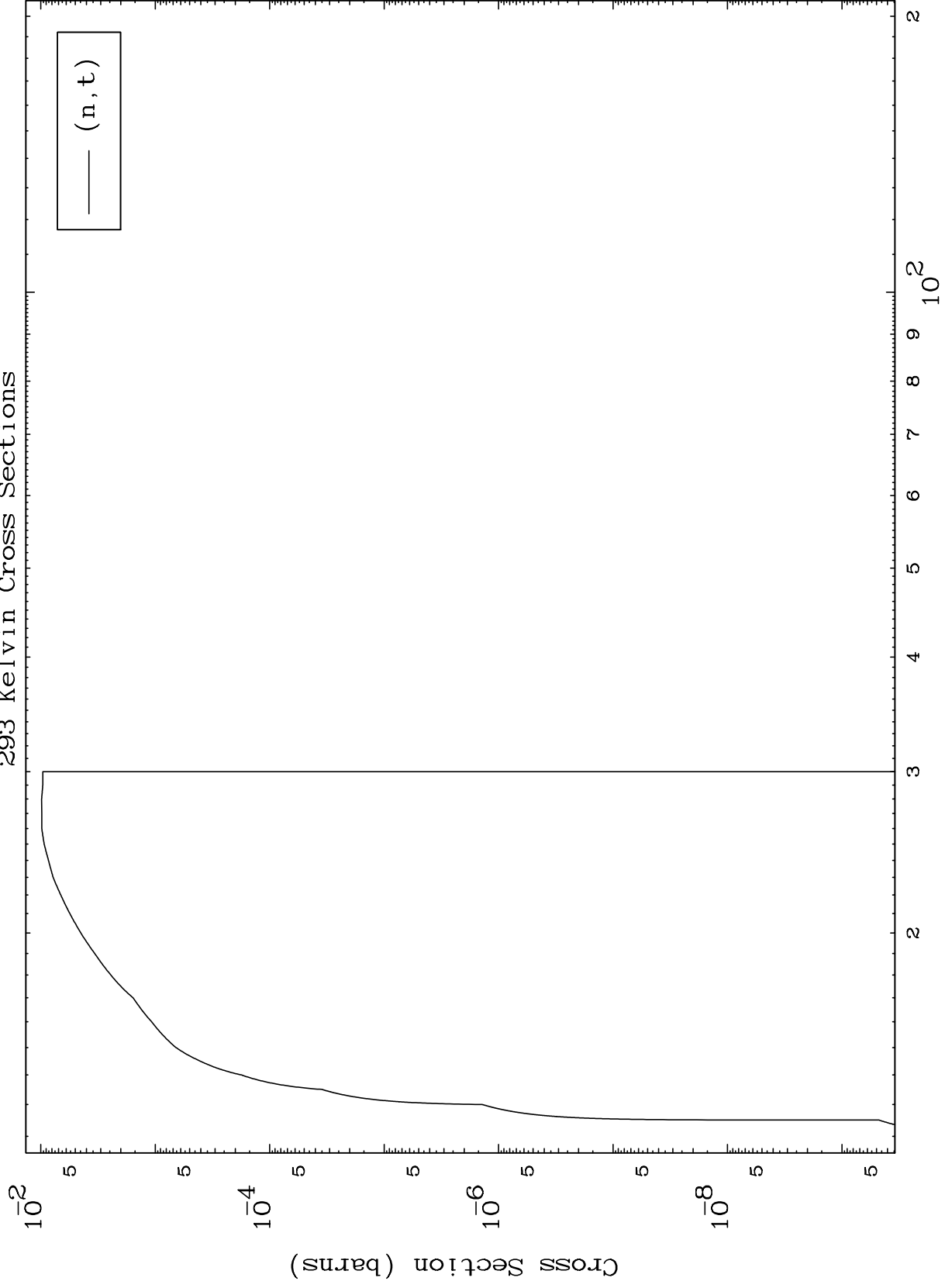
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,t) Levels
293 Kelvin Cross Sections

14-Si-29



11

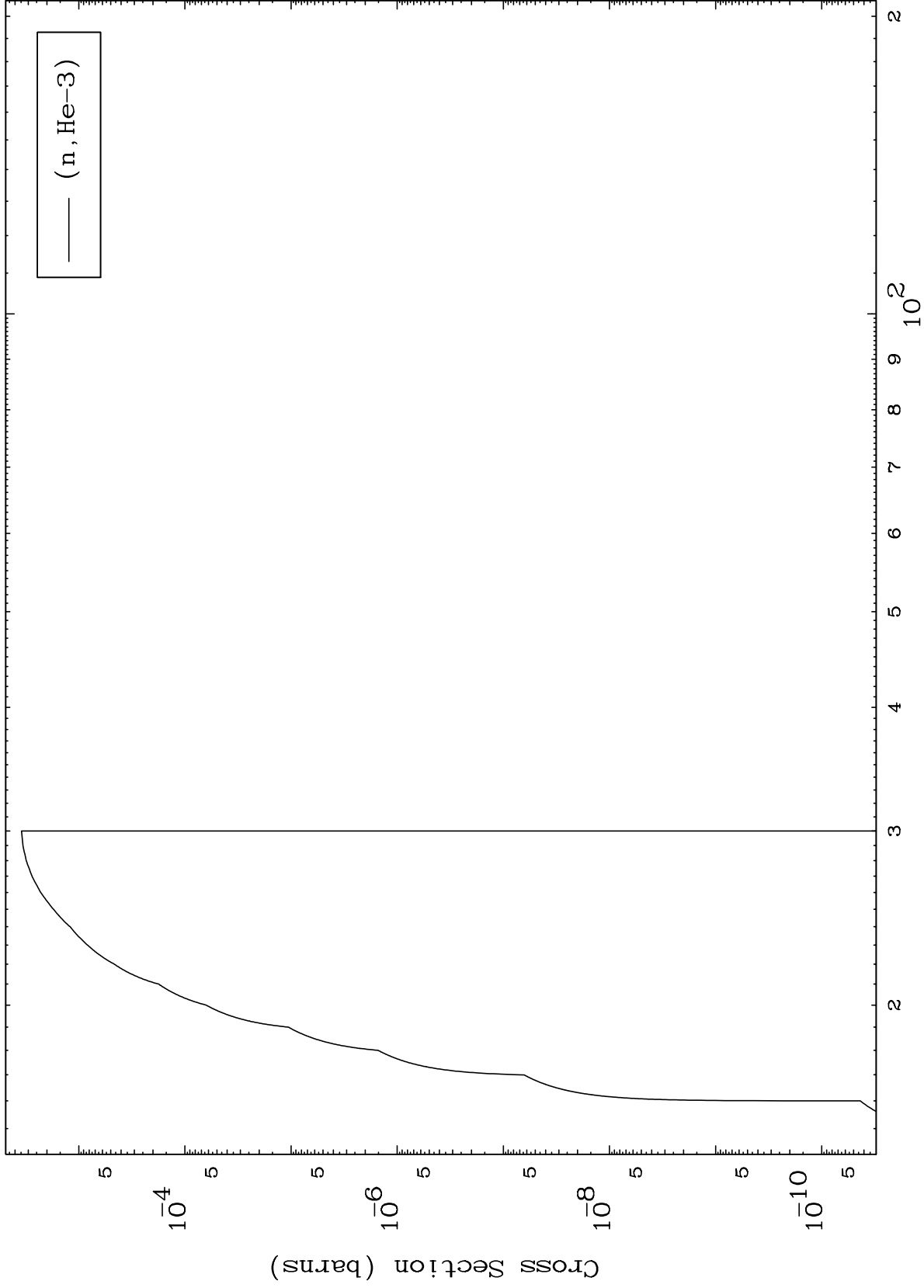
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-29



12

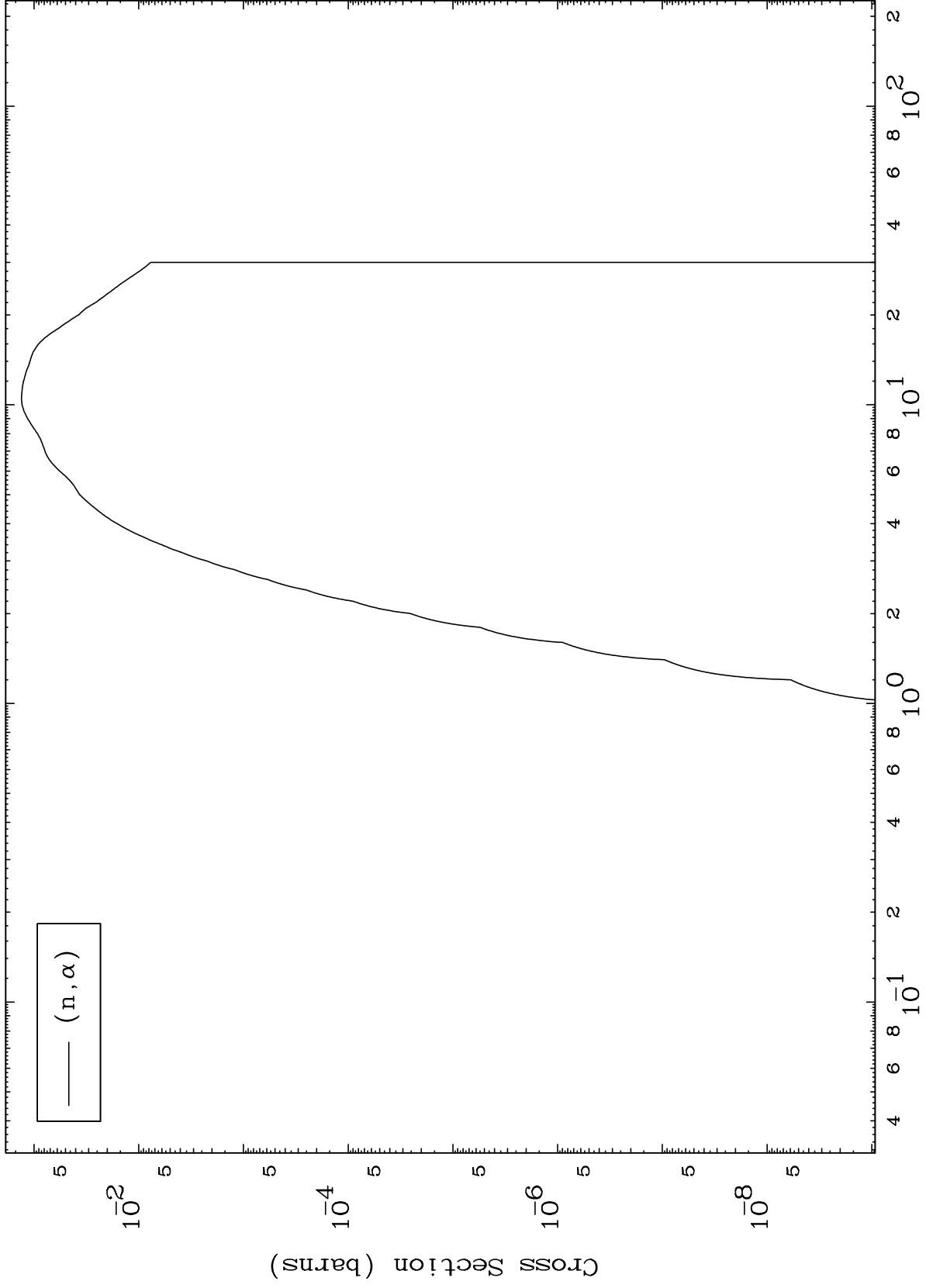
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,α) Levels
293 Kelvin Cross Sections

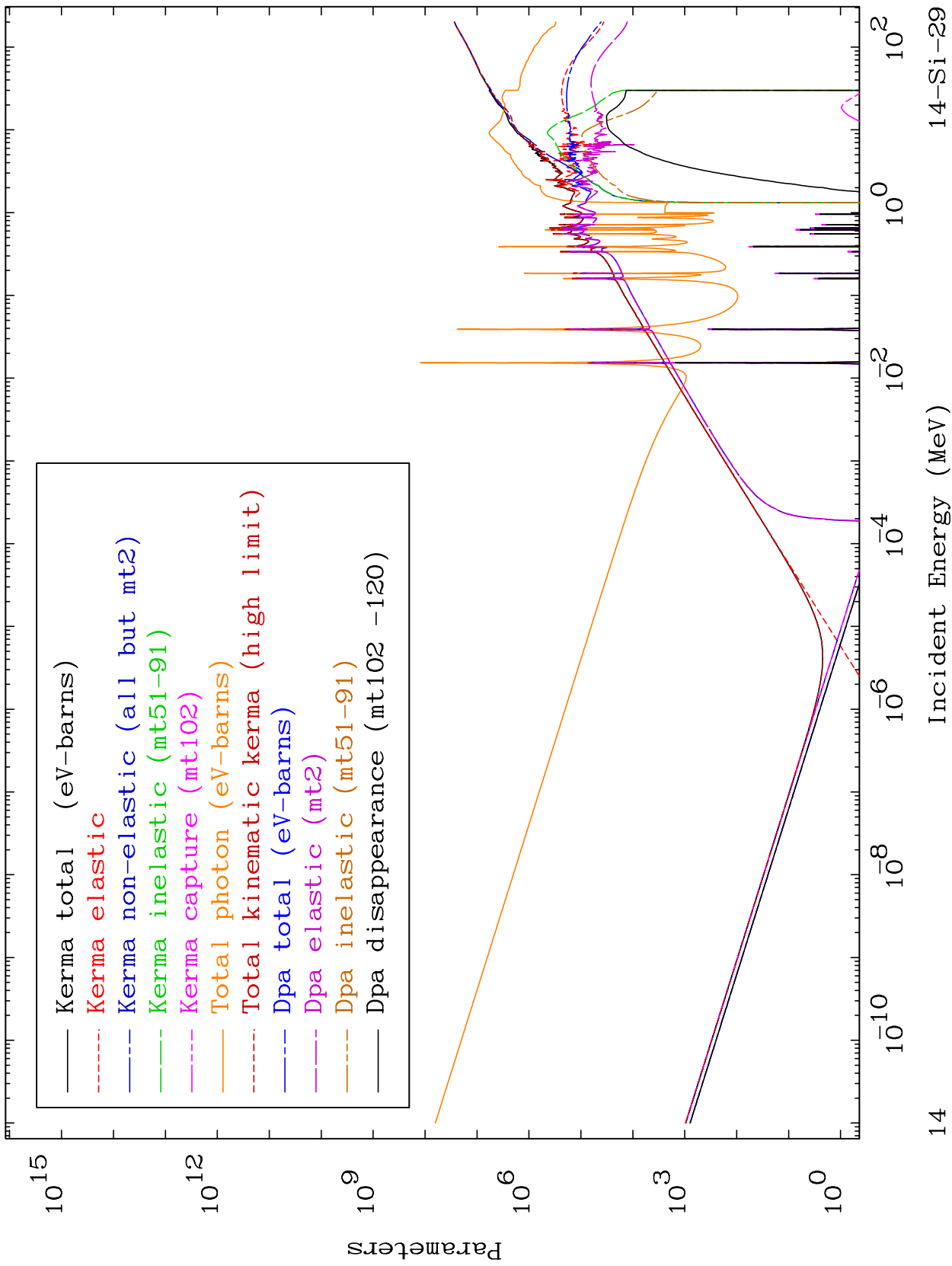
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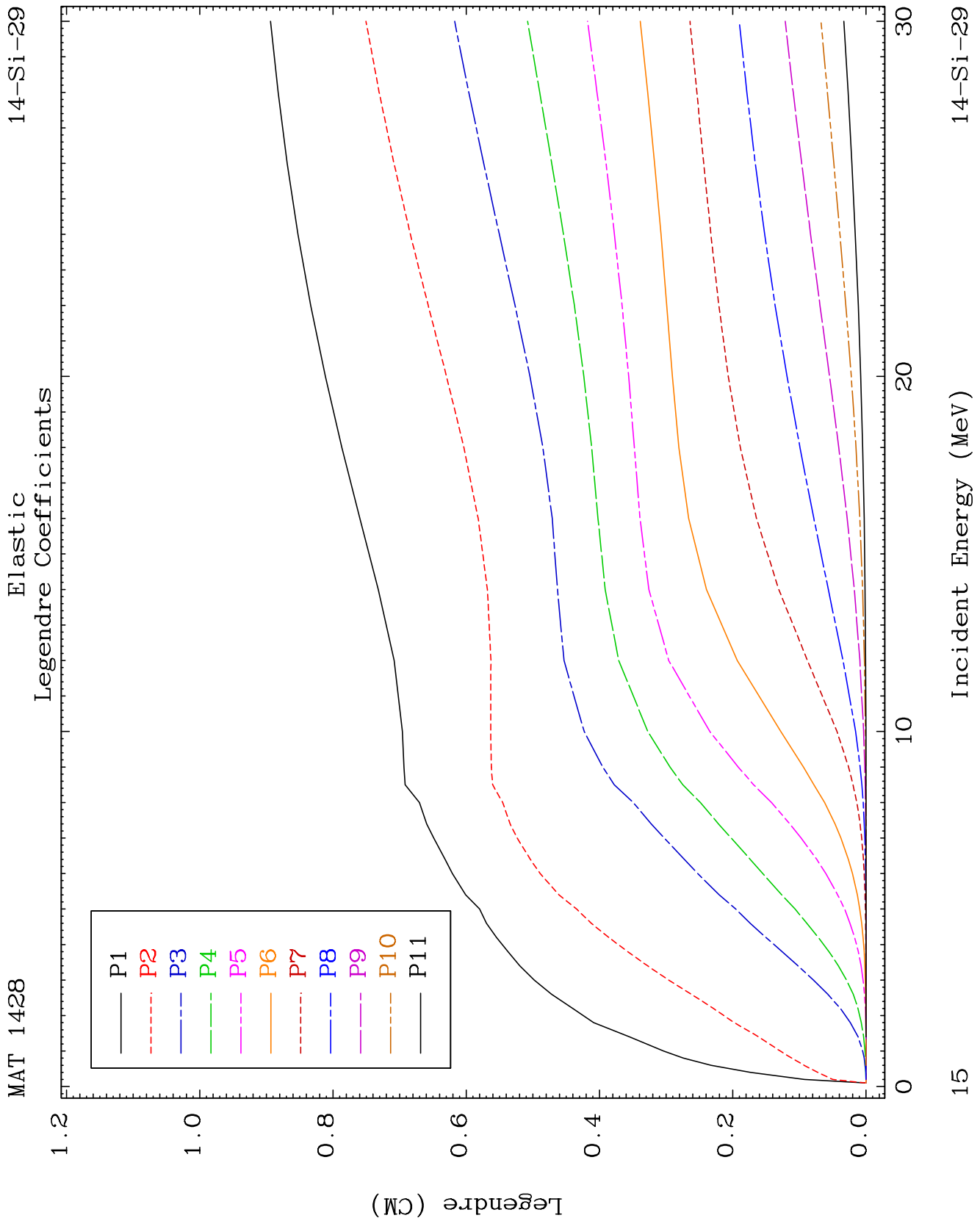


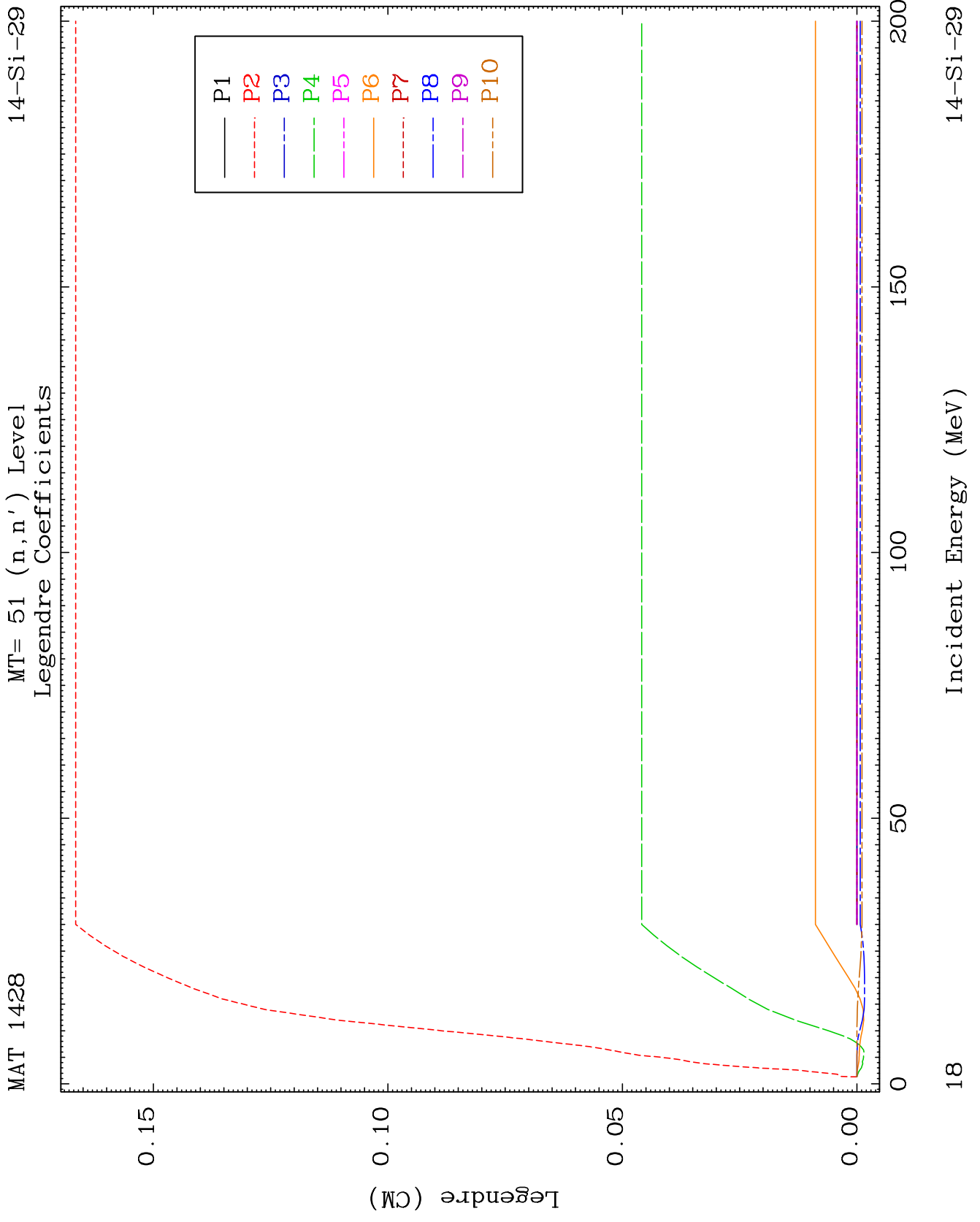
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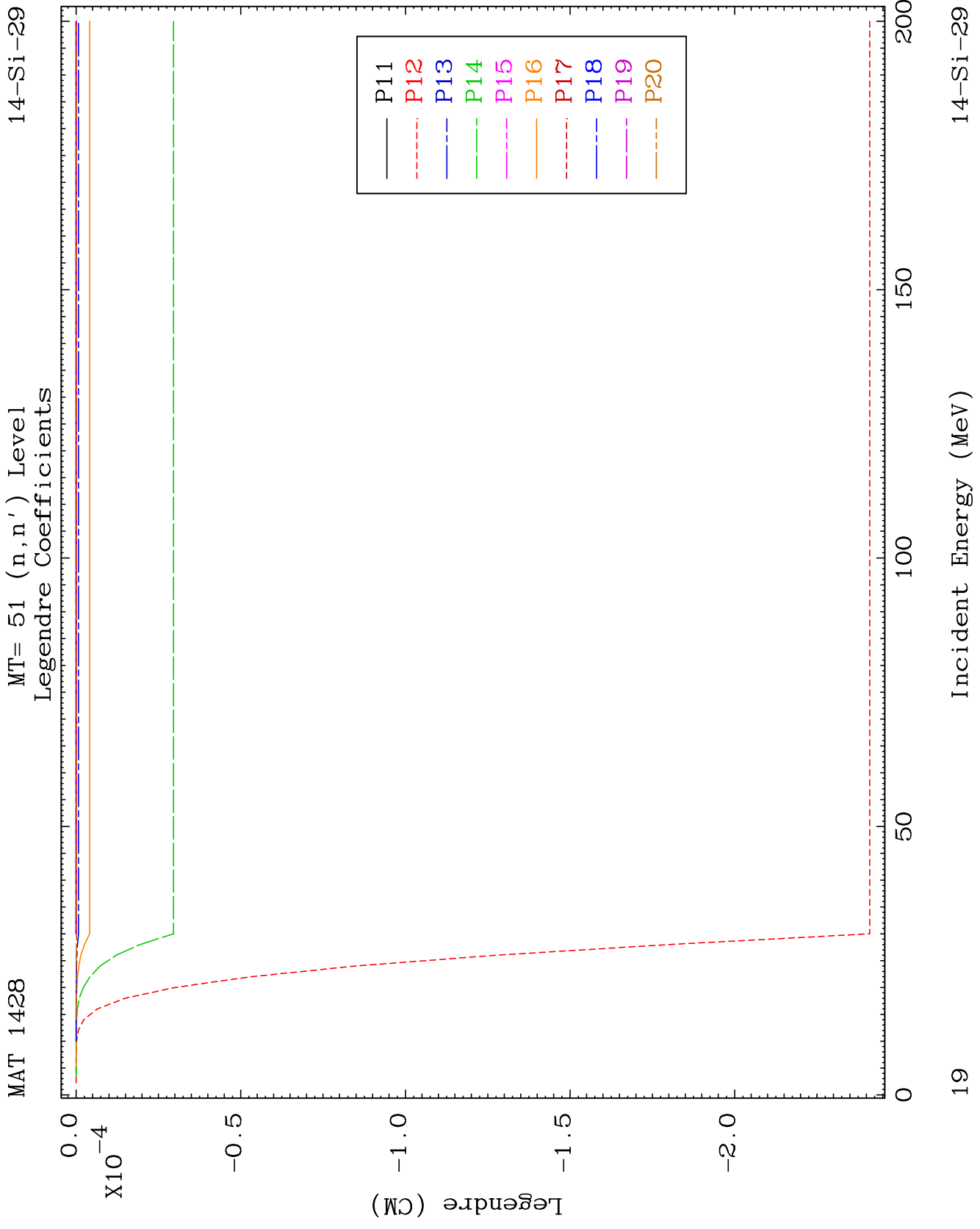
Incident Energy (MeV)

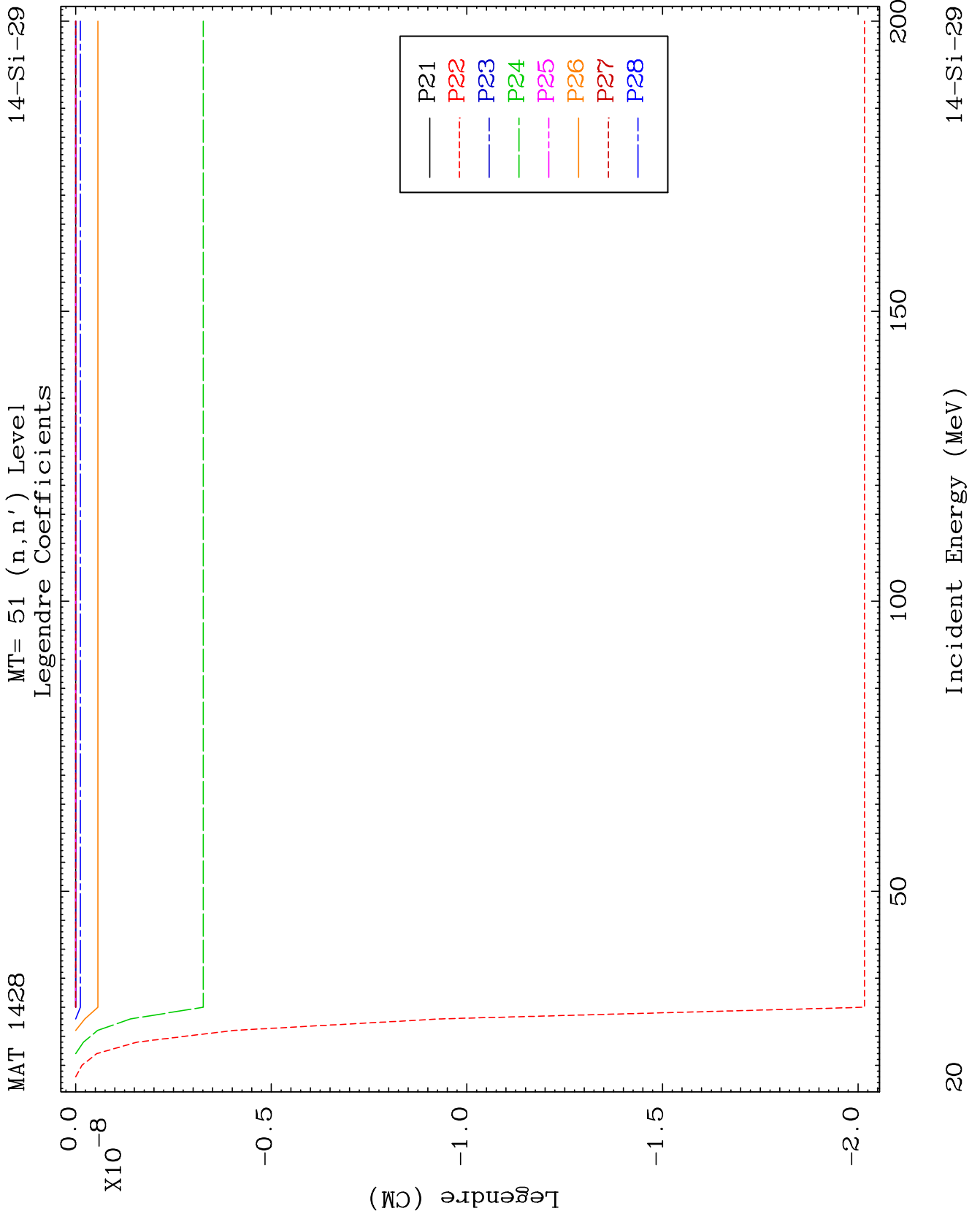
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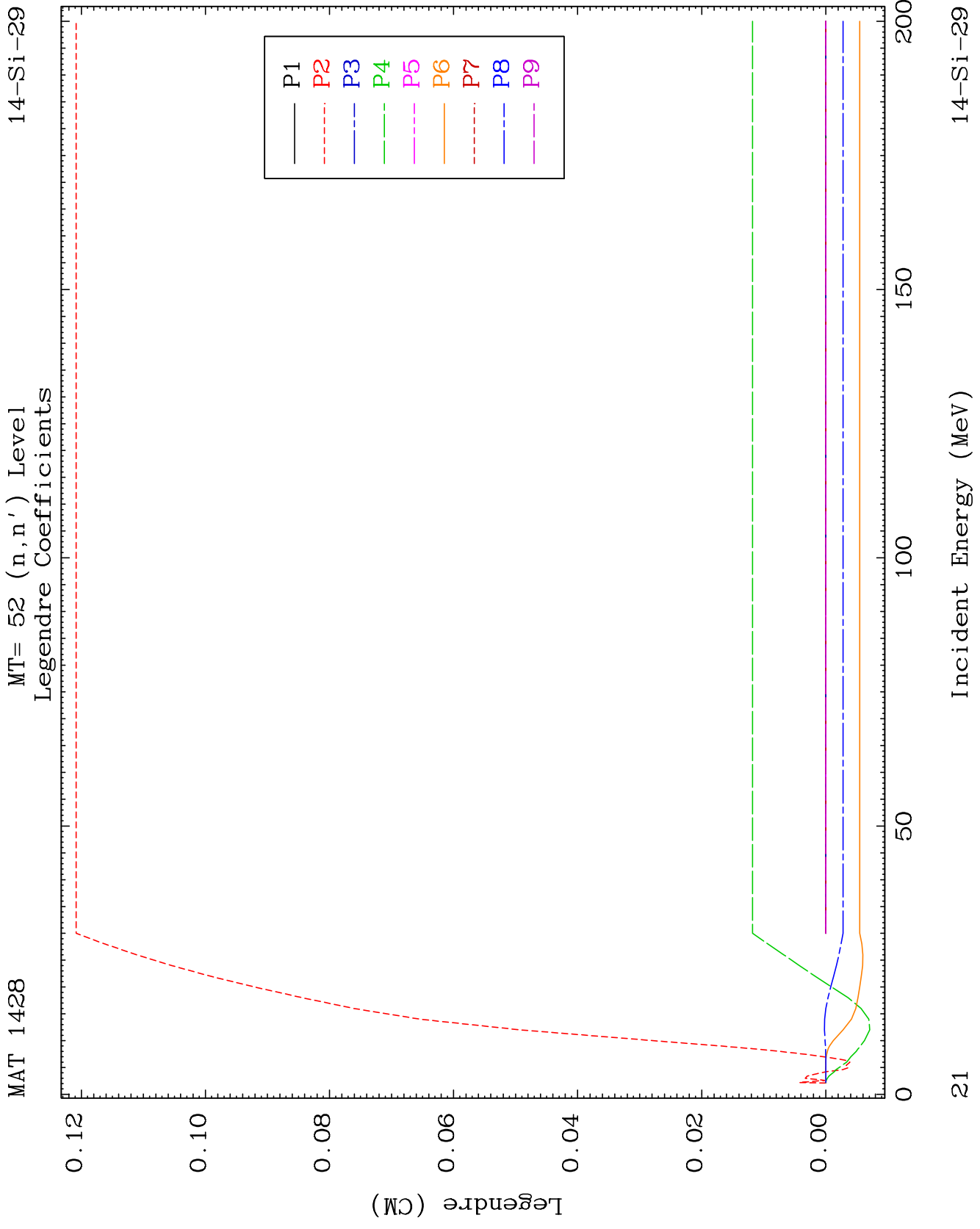








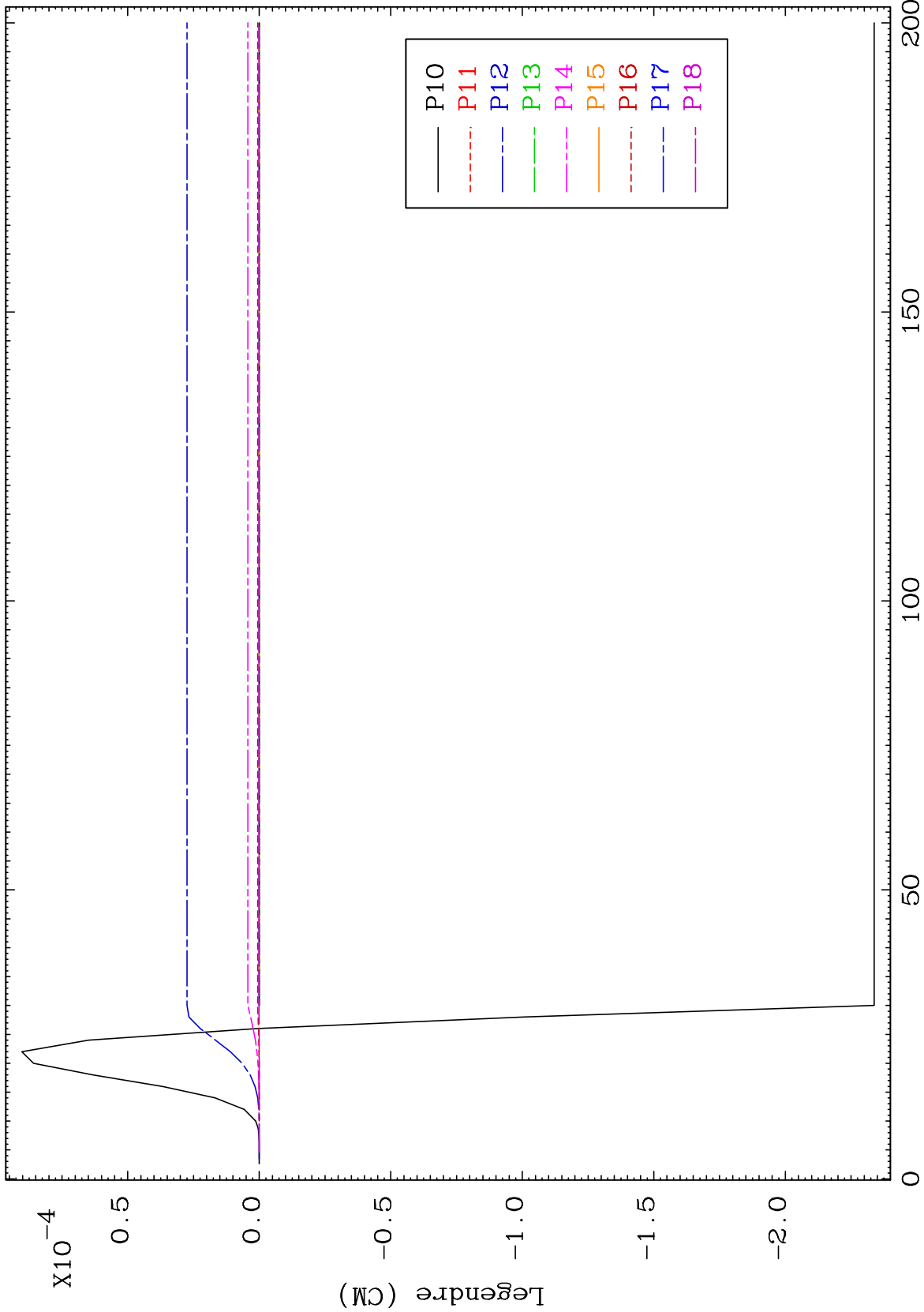




MAT 1428

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

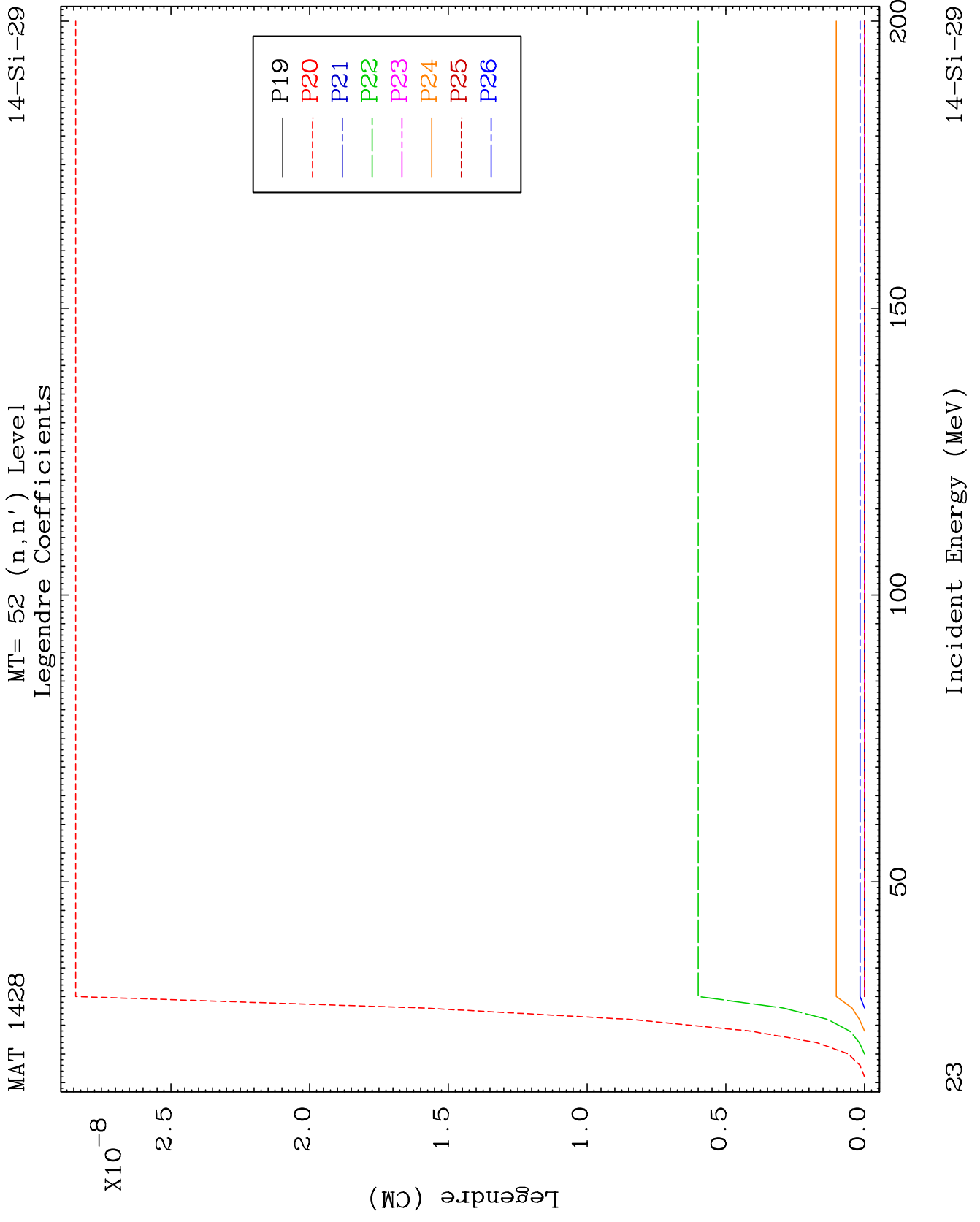
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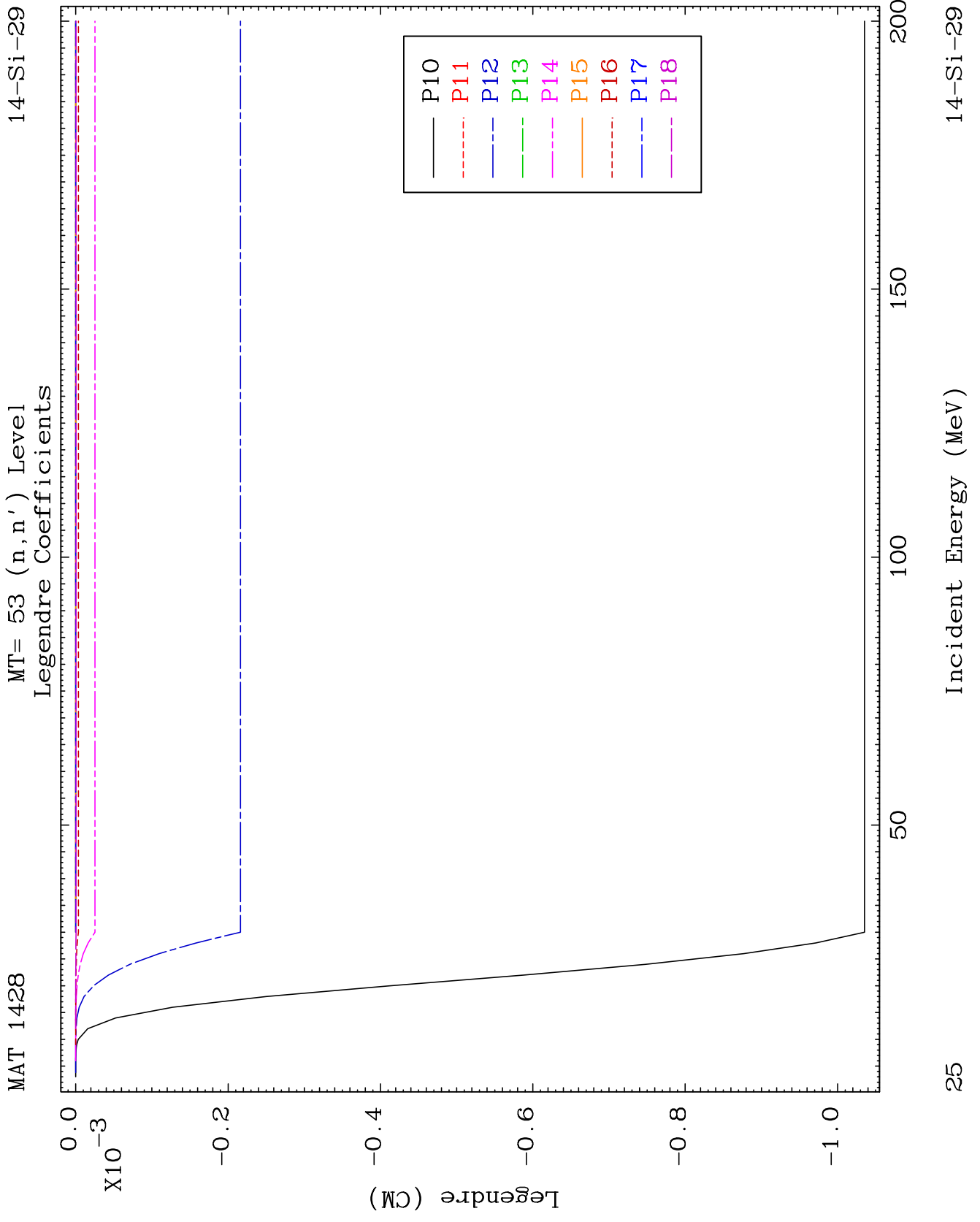


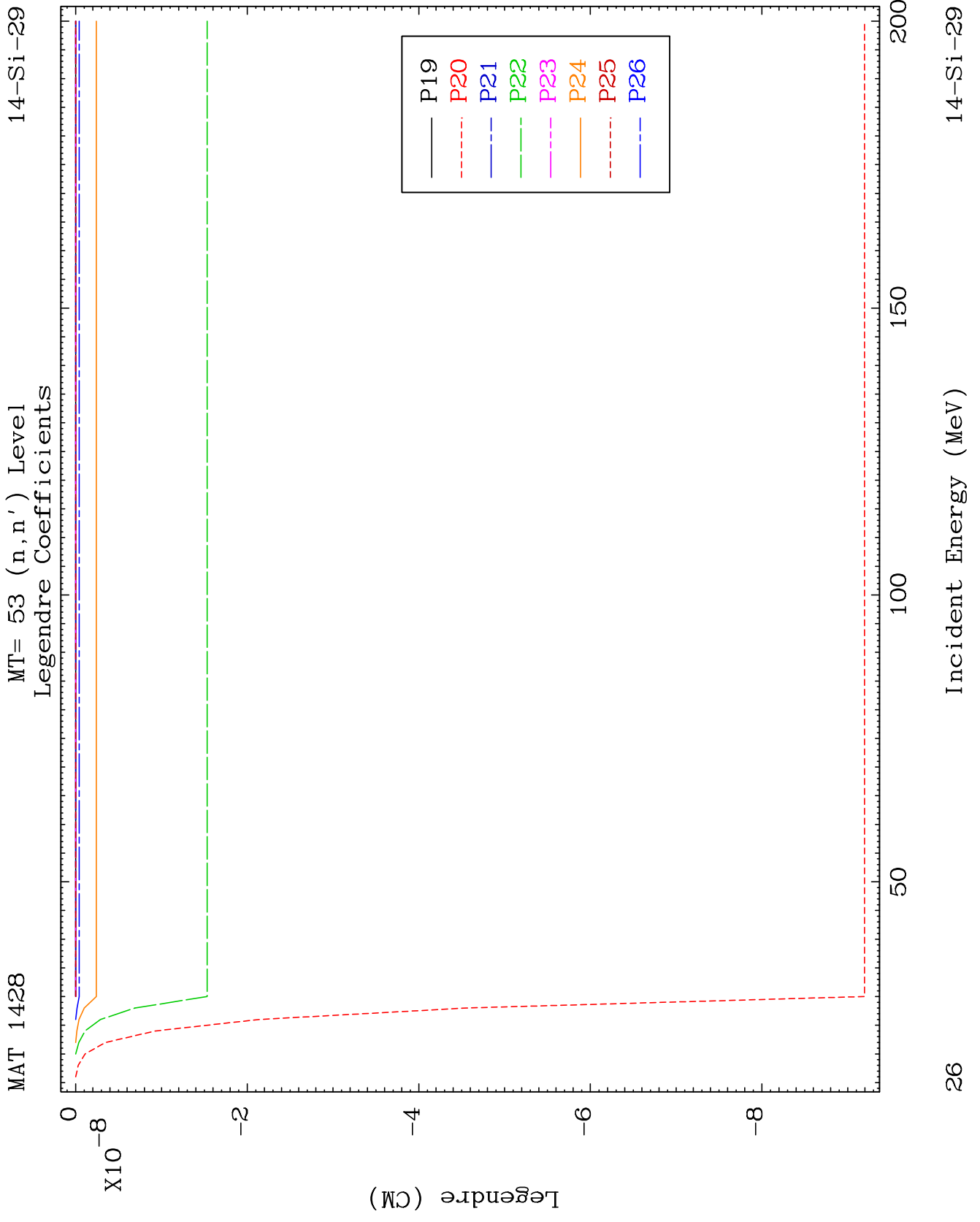
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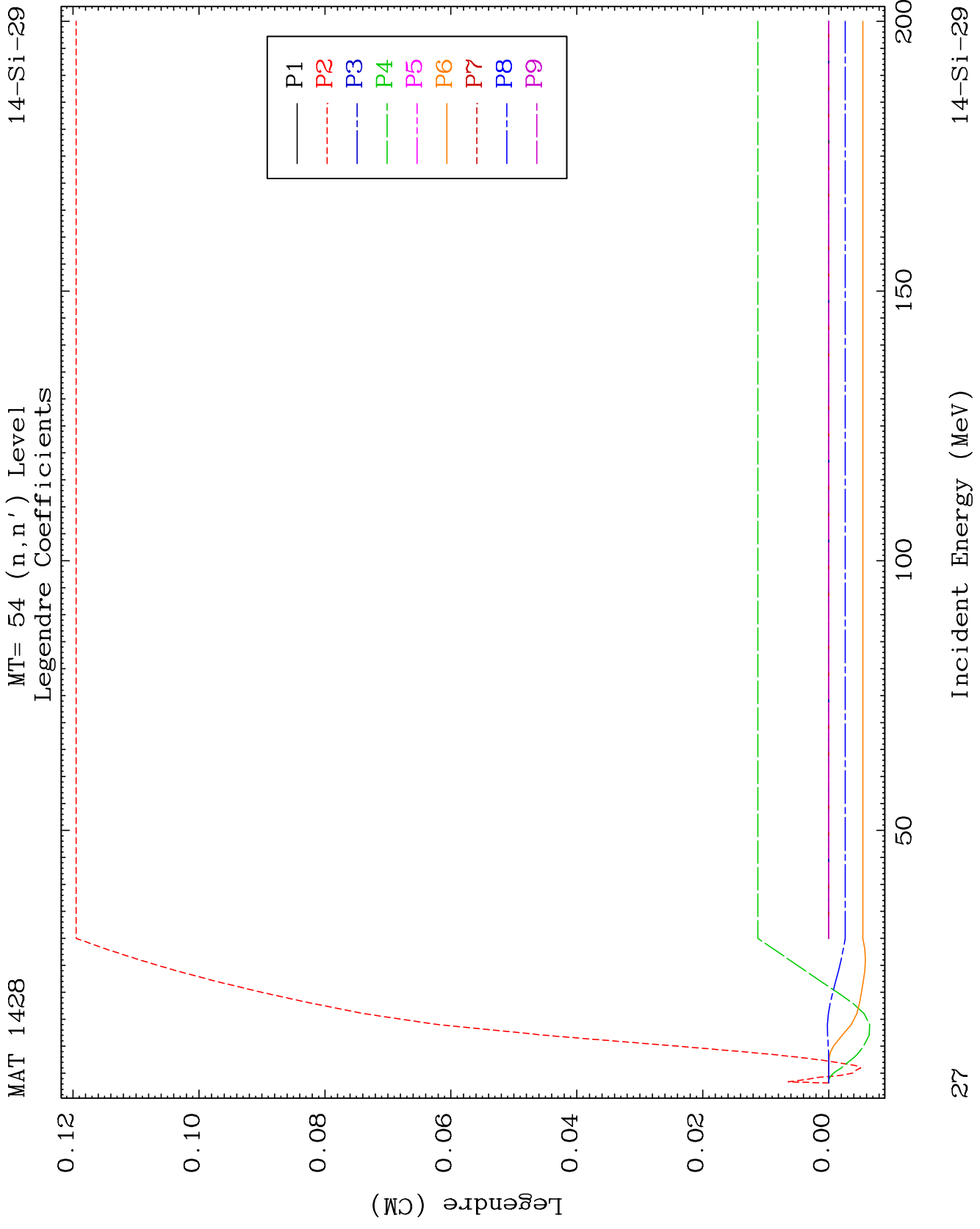
Incident Energy (MeV)

14-Si-29





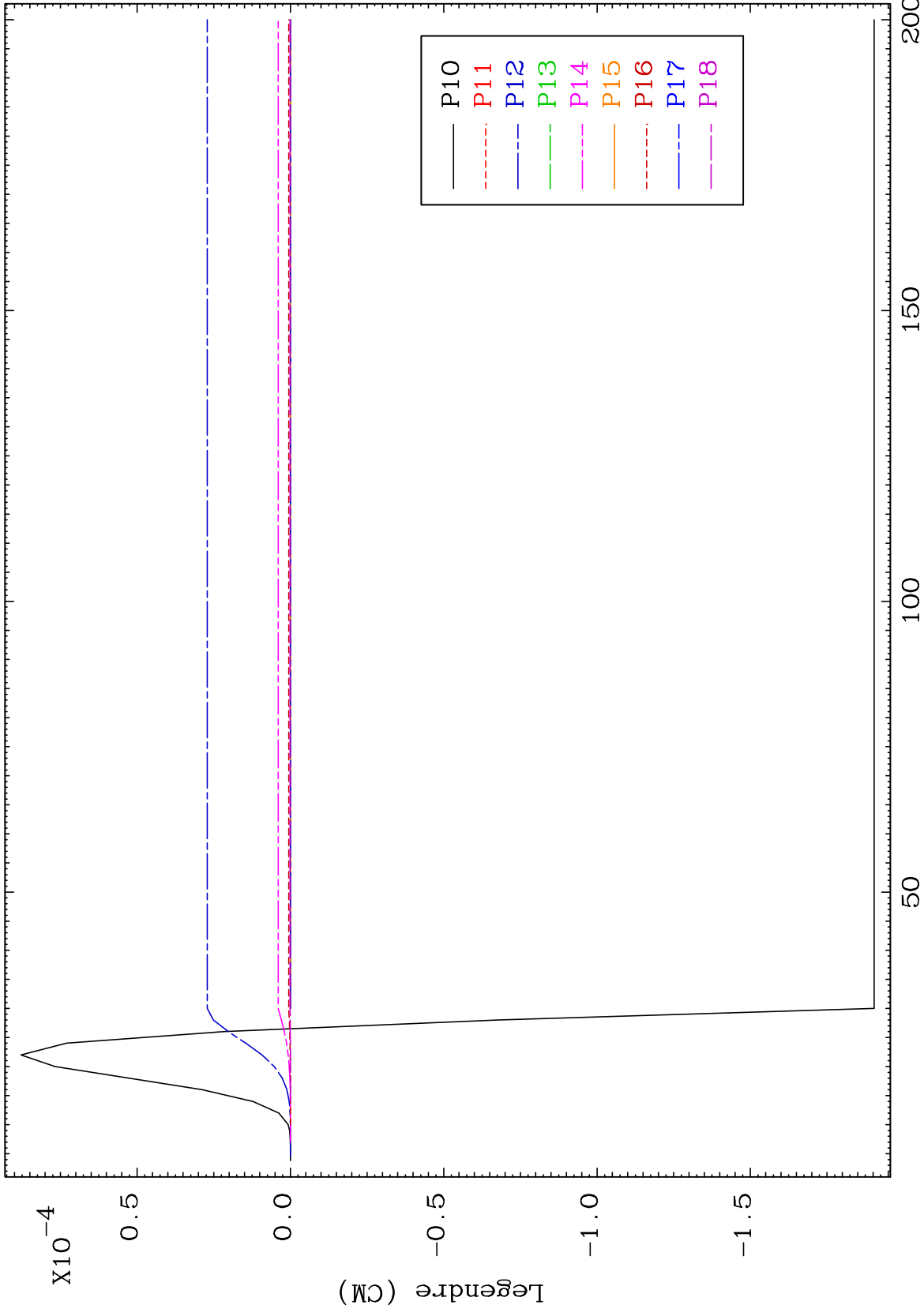




MAT 1428

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

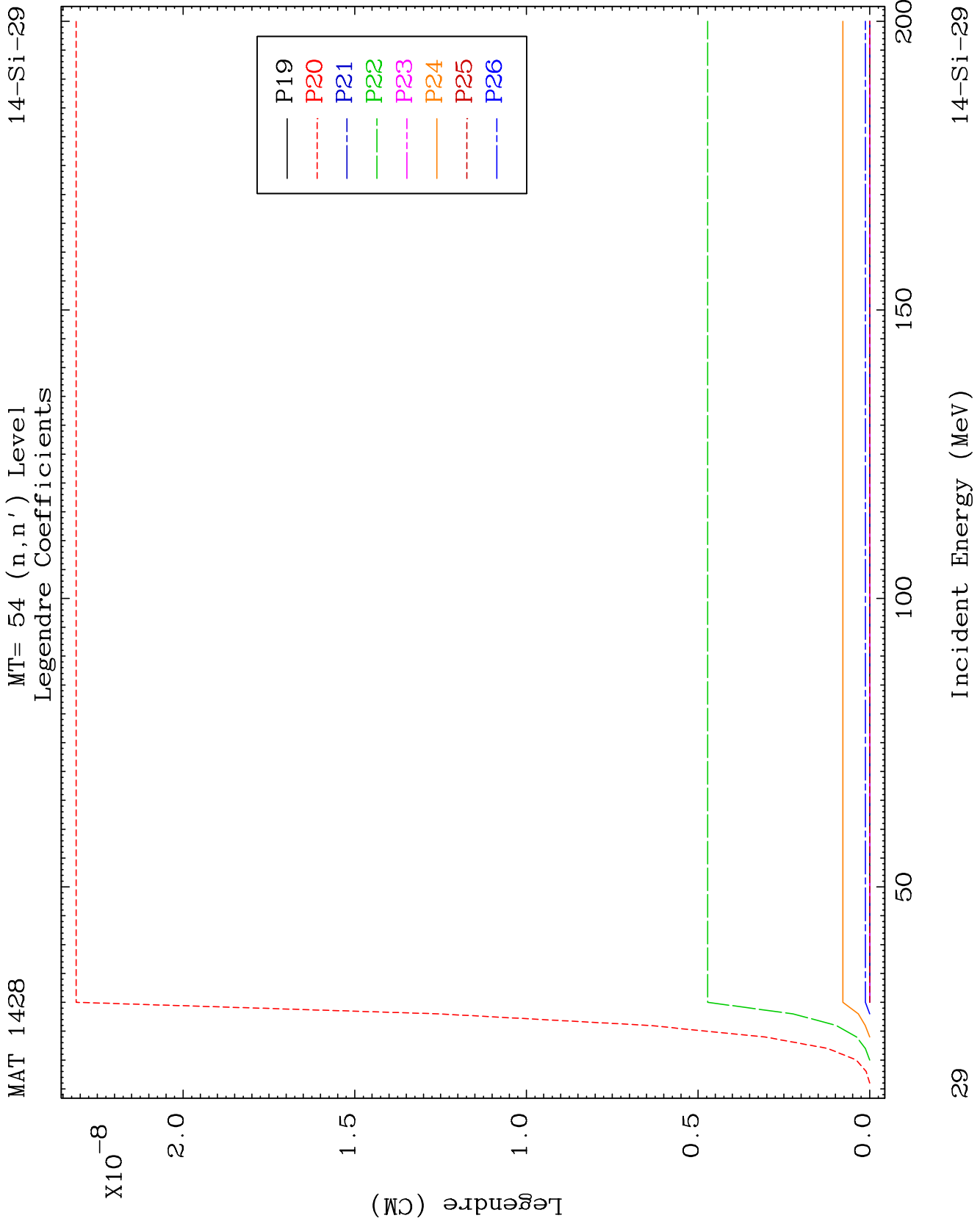
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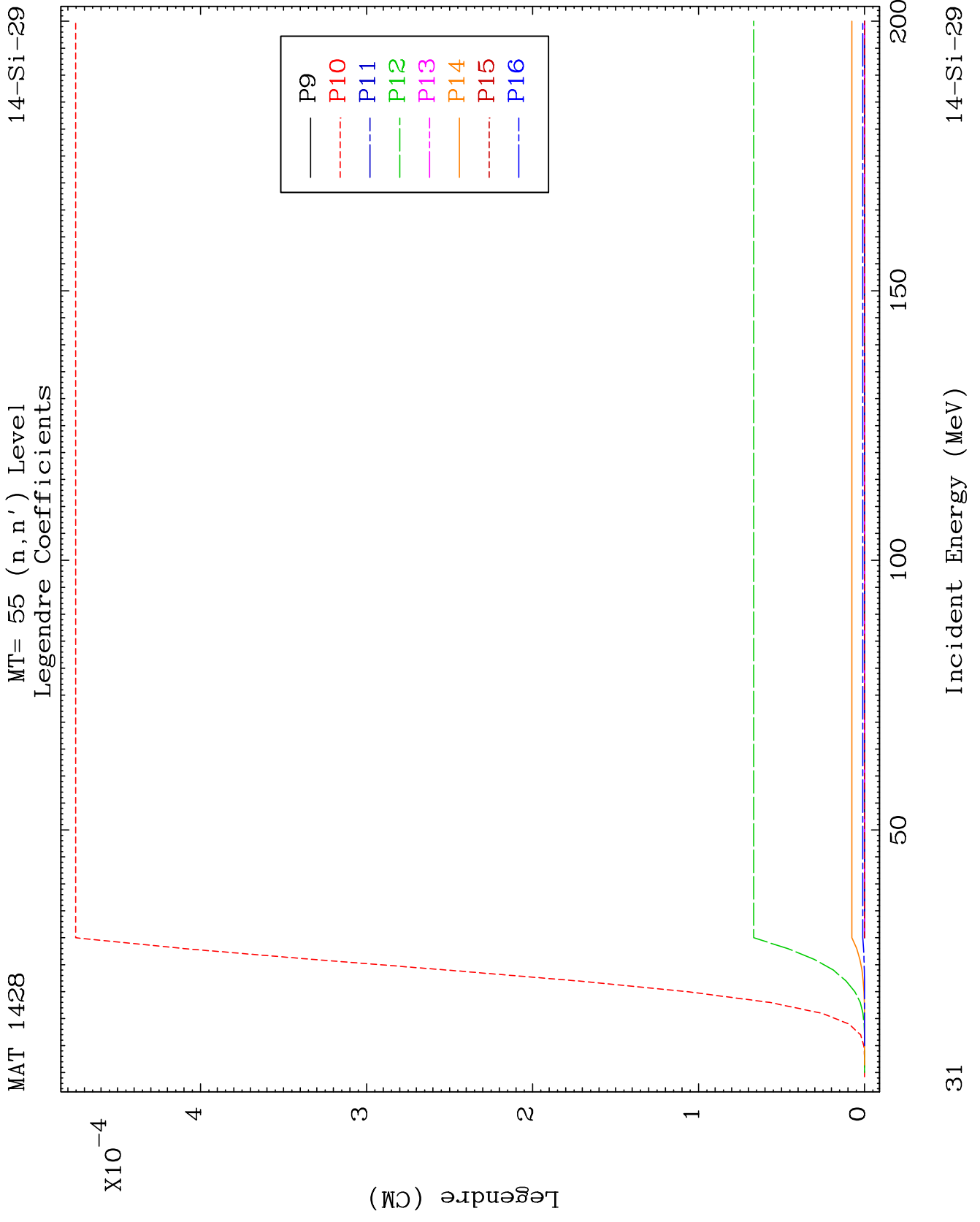


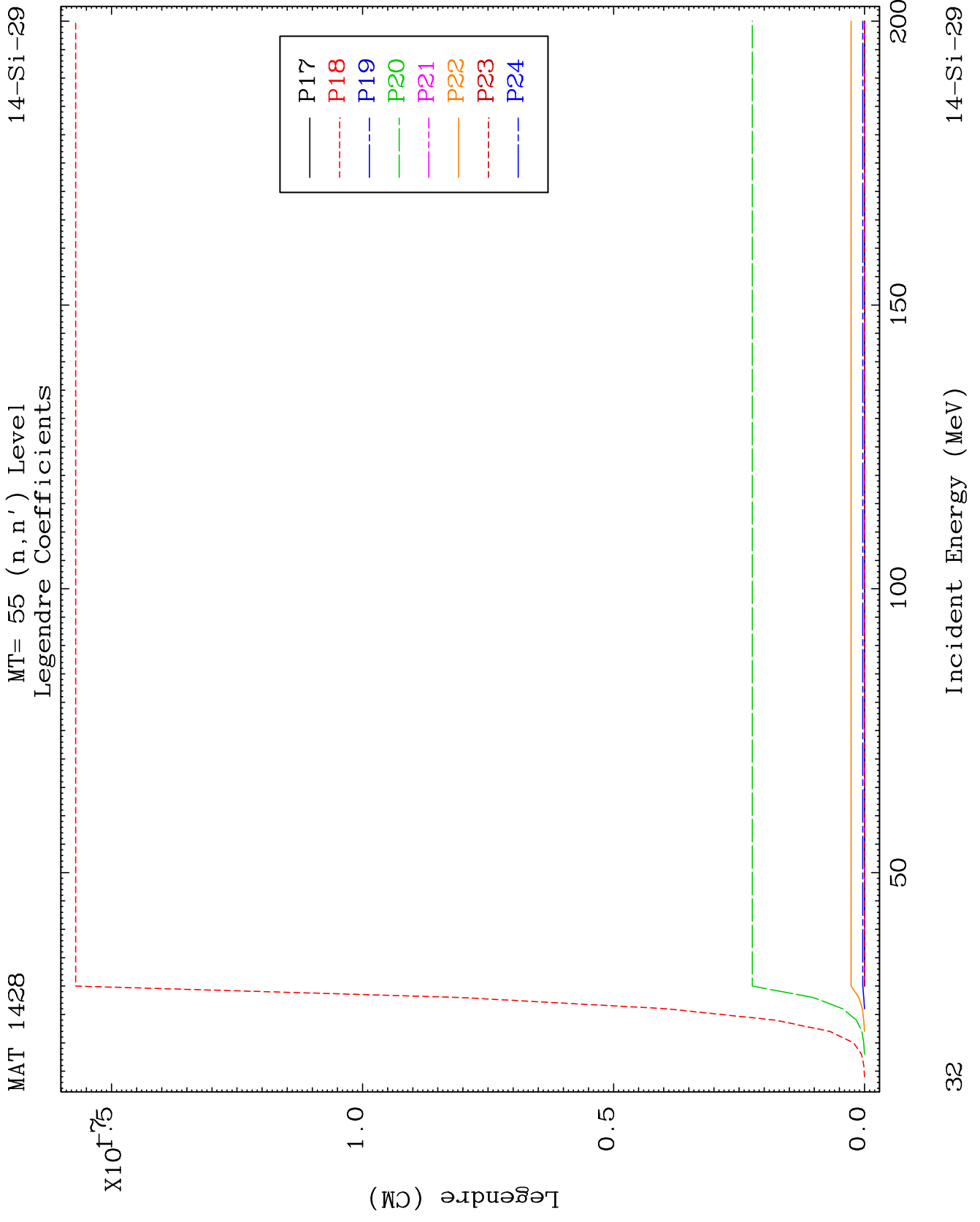
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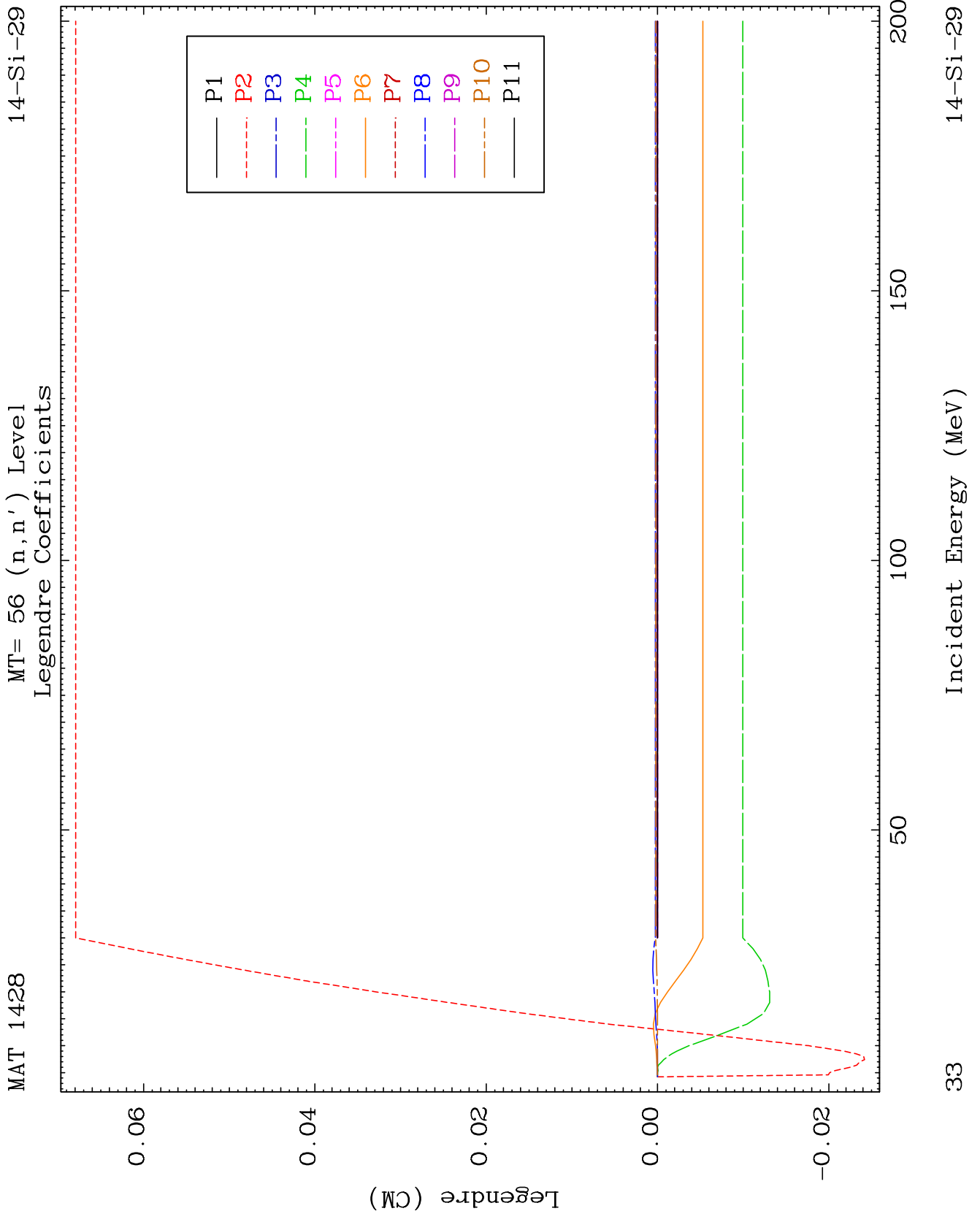
Incident Energy (MeV)

14-Si-29





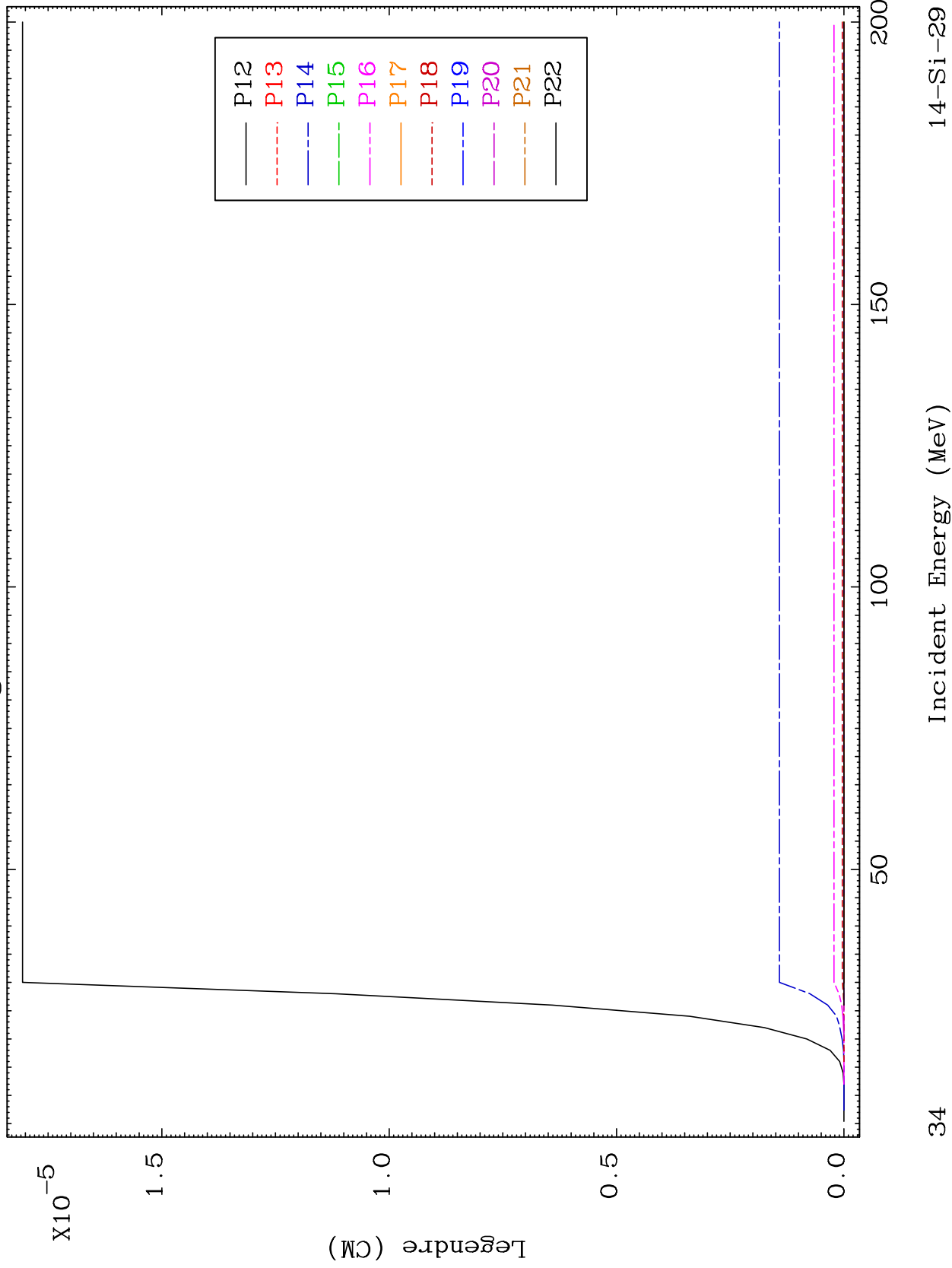




MAT 1428

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

14-Si-29



34

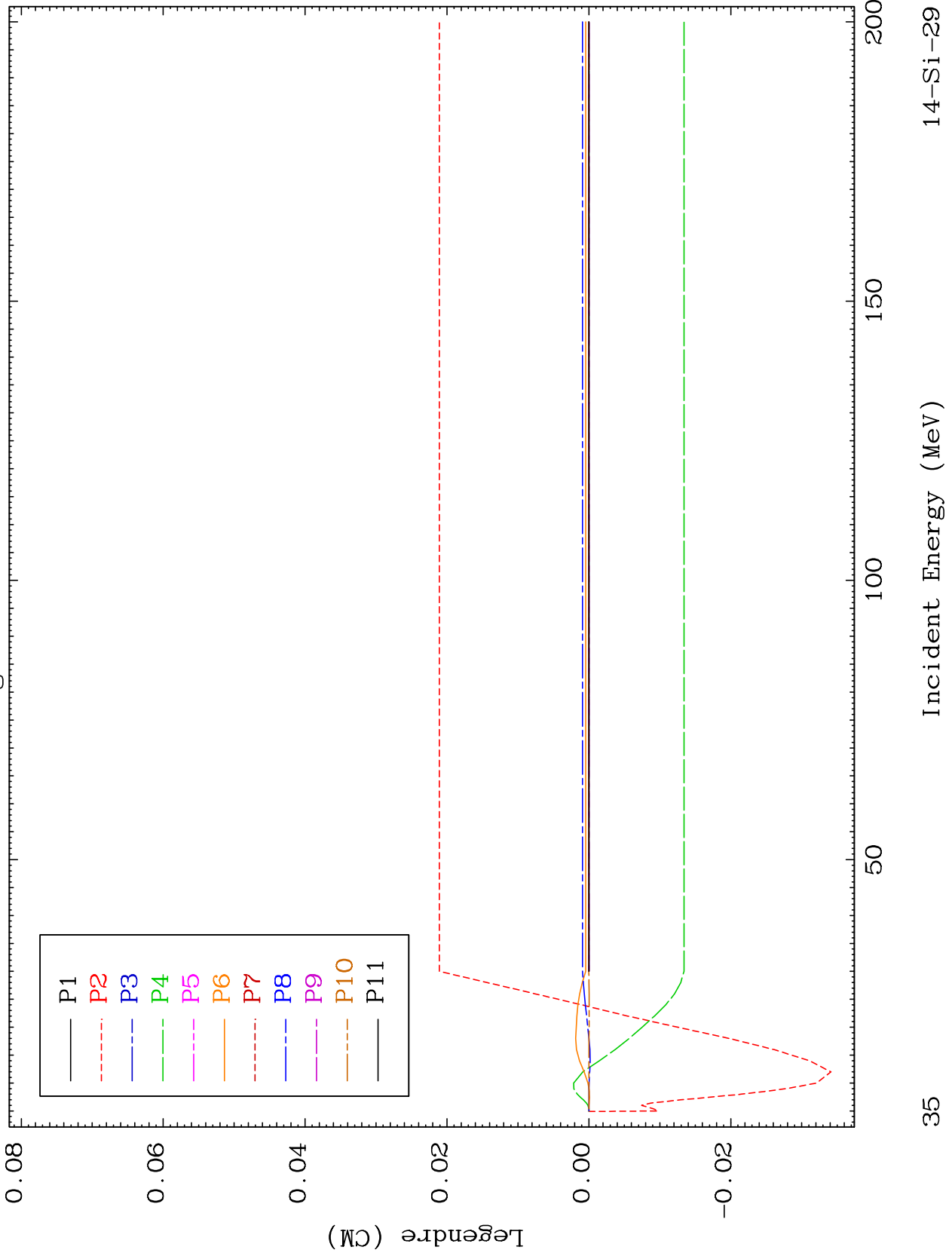
Incident Energy (MeV)

14-Si-29

MAT 1428

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

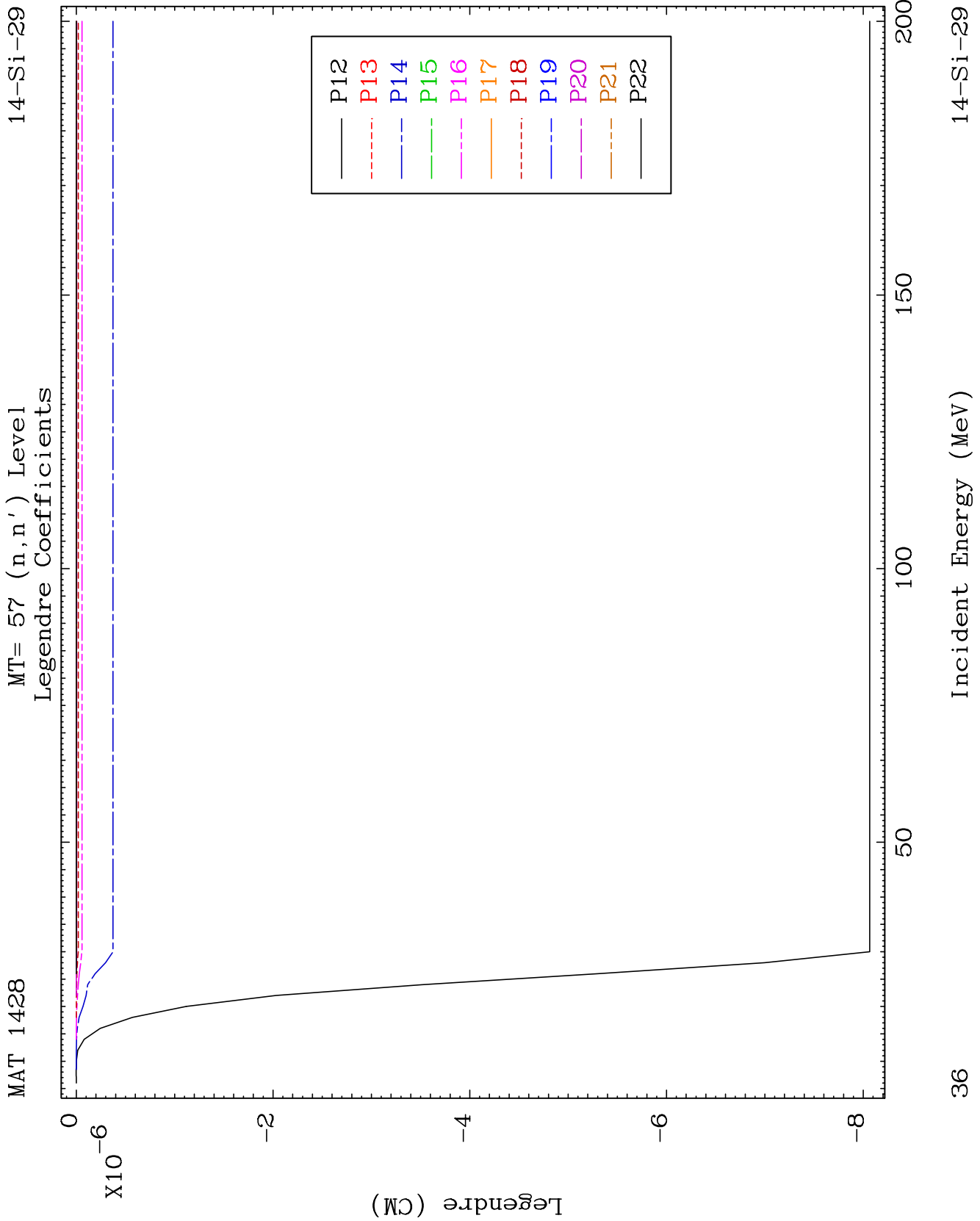
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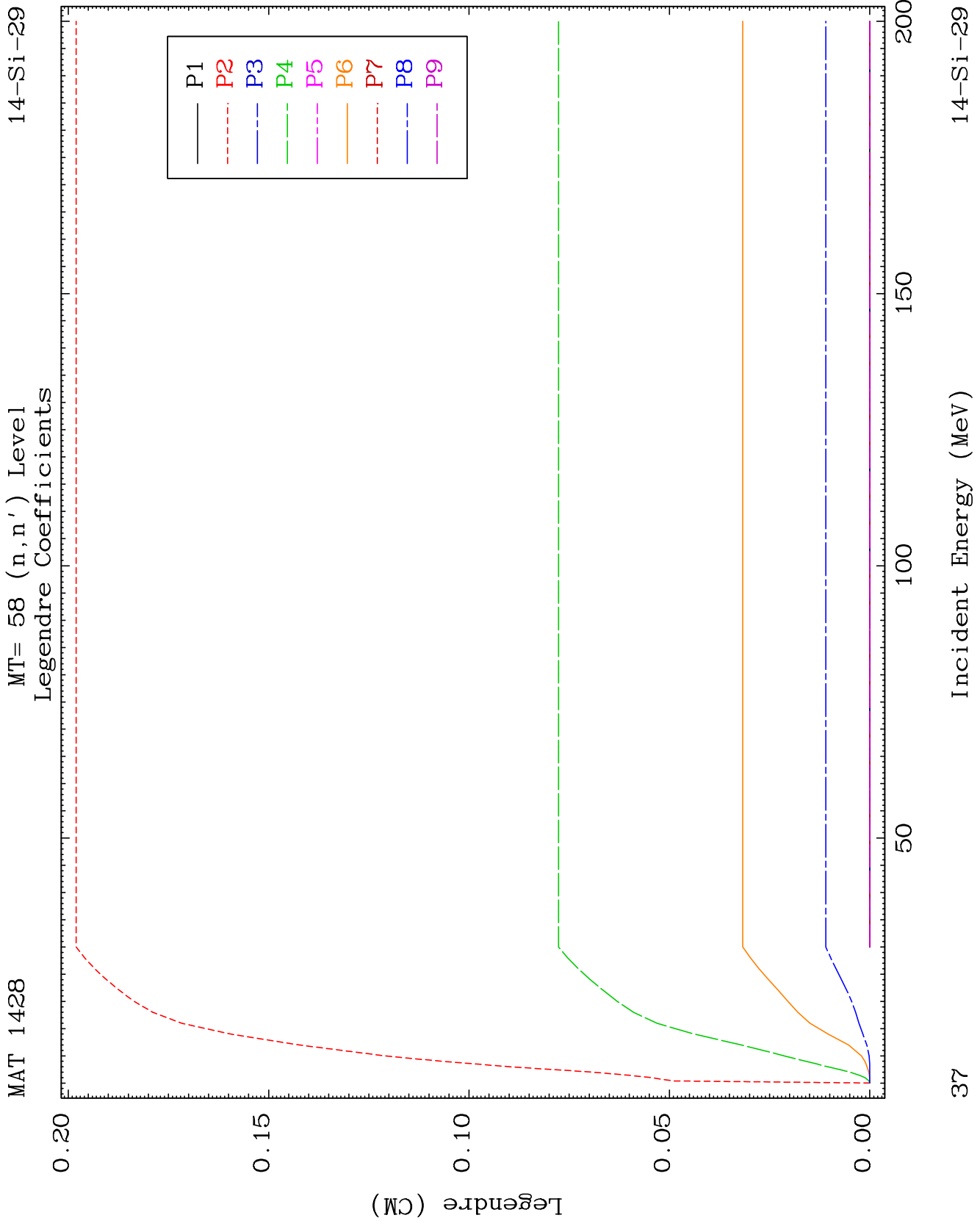


35

Incident Energy (MeV)

14-Si-29

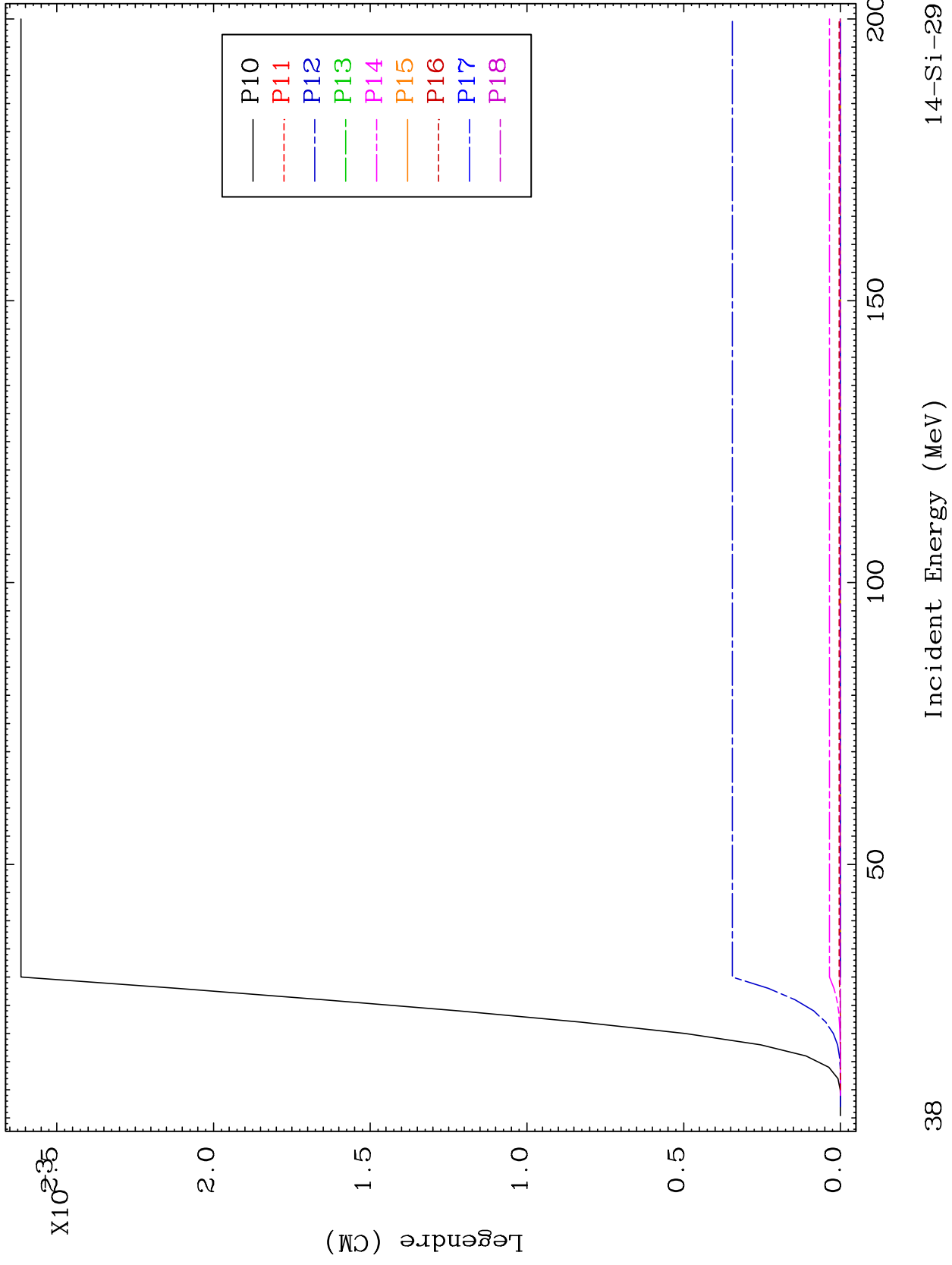


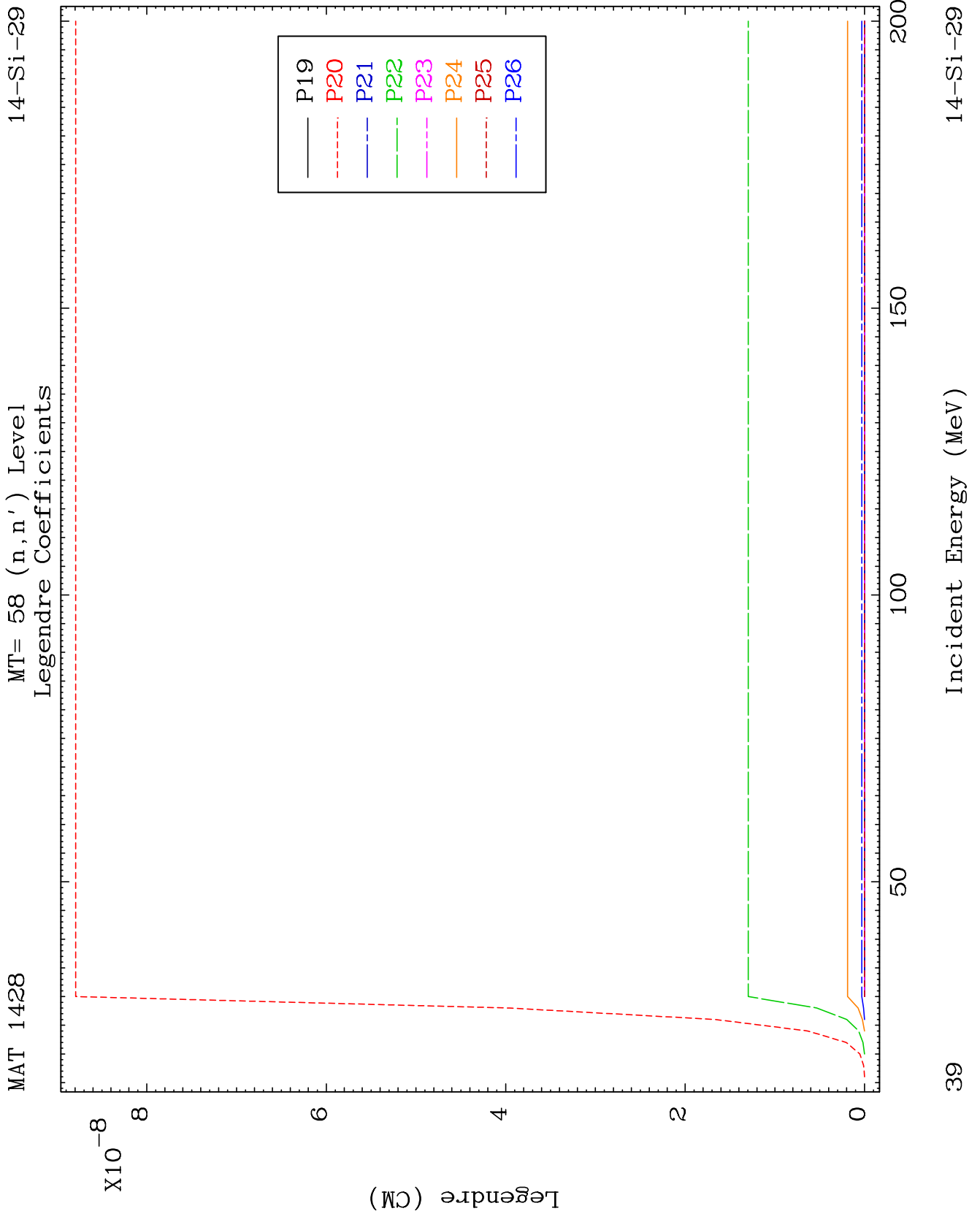


MAT 1428

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

14-Si-29

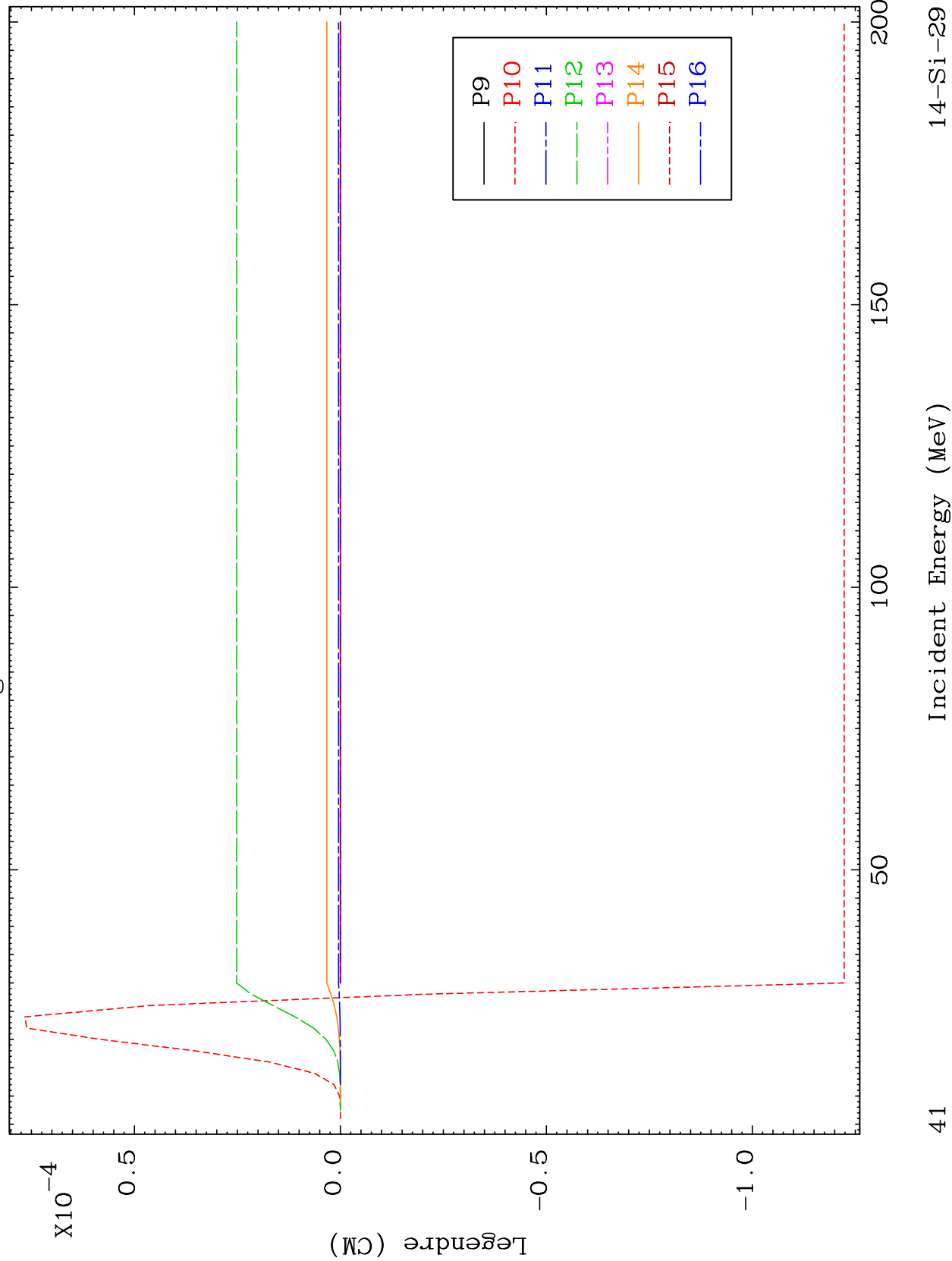




MAT 1428

MT= 59 (n,n') Level
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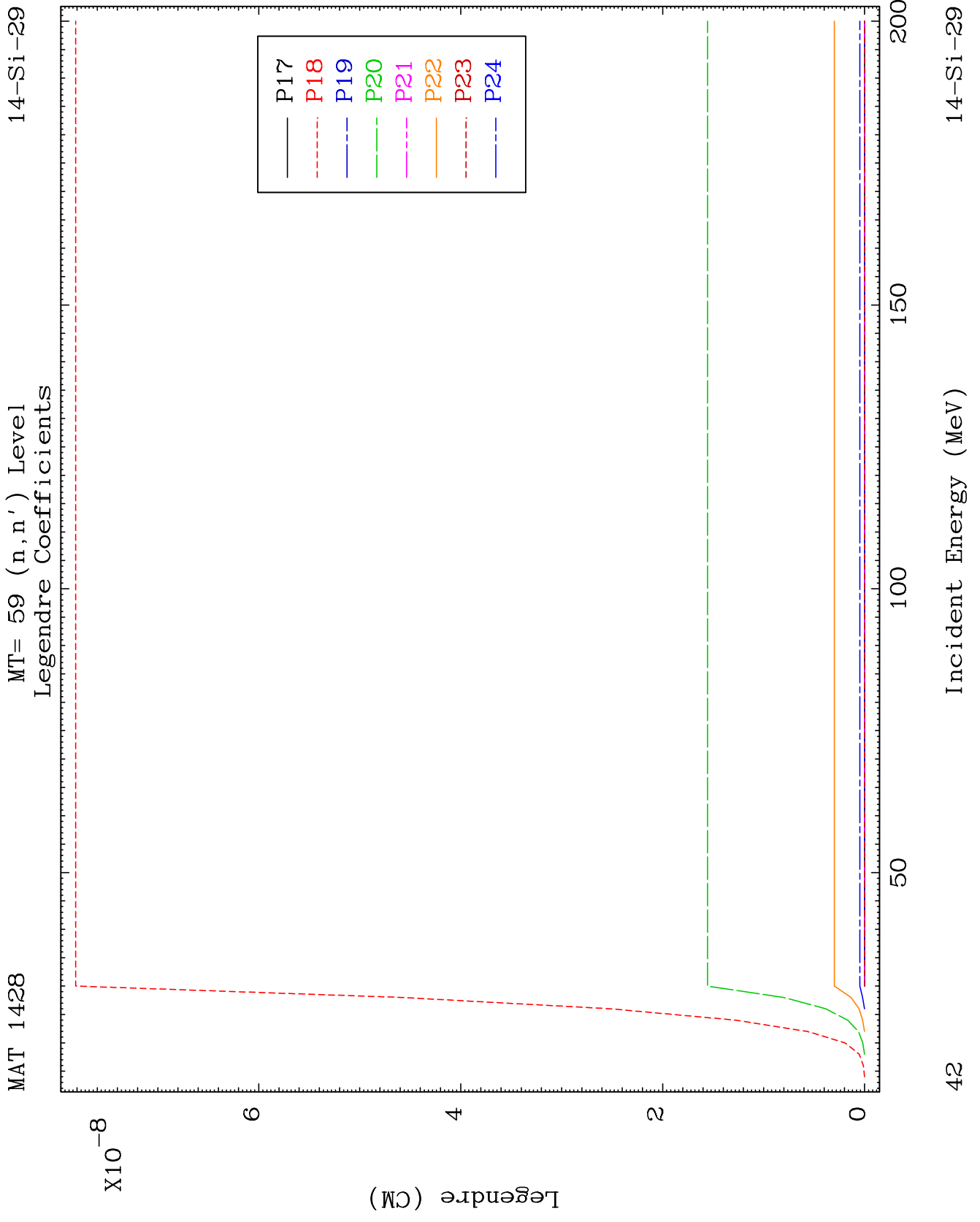
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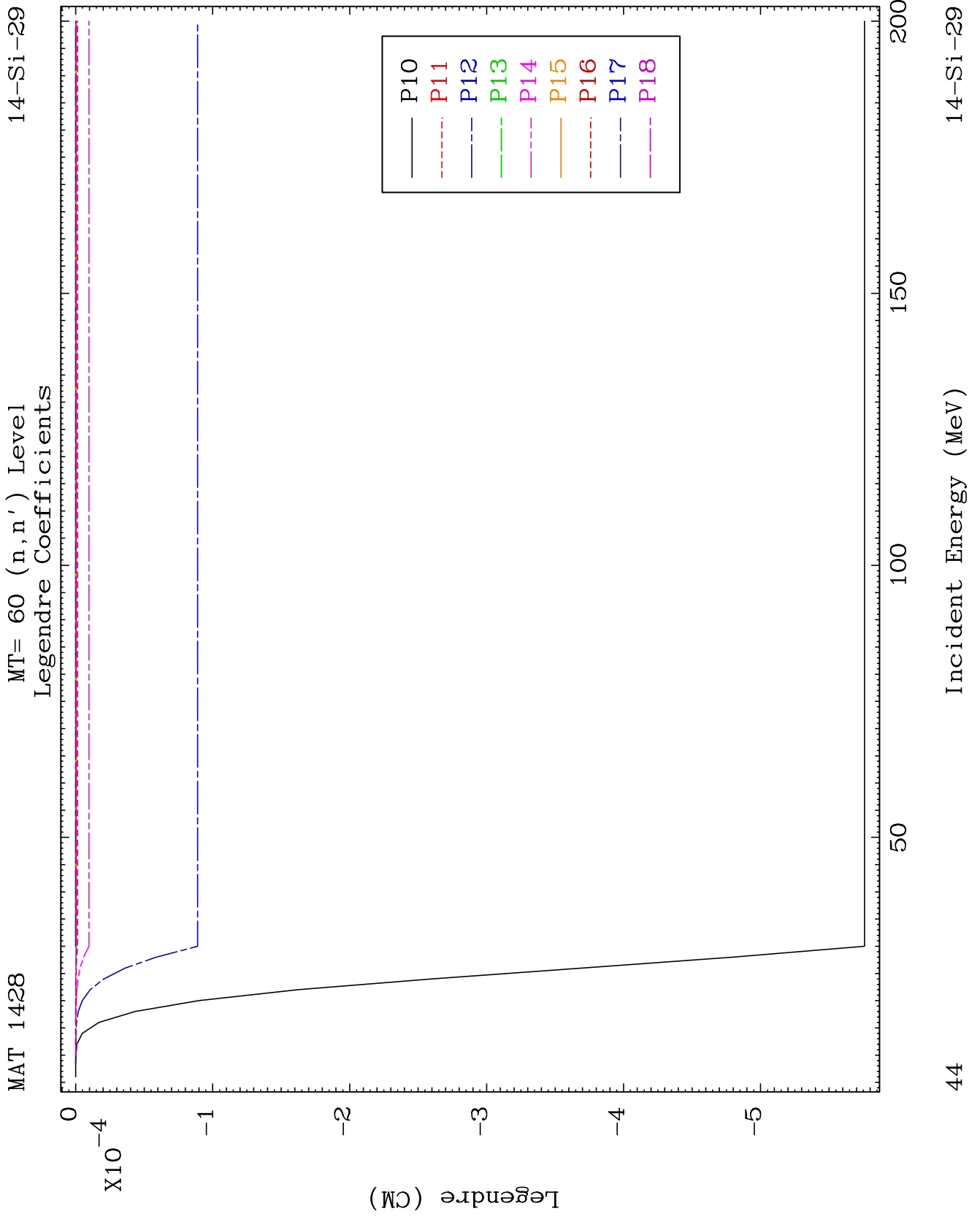


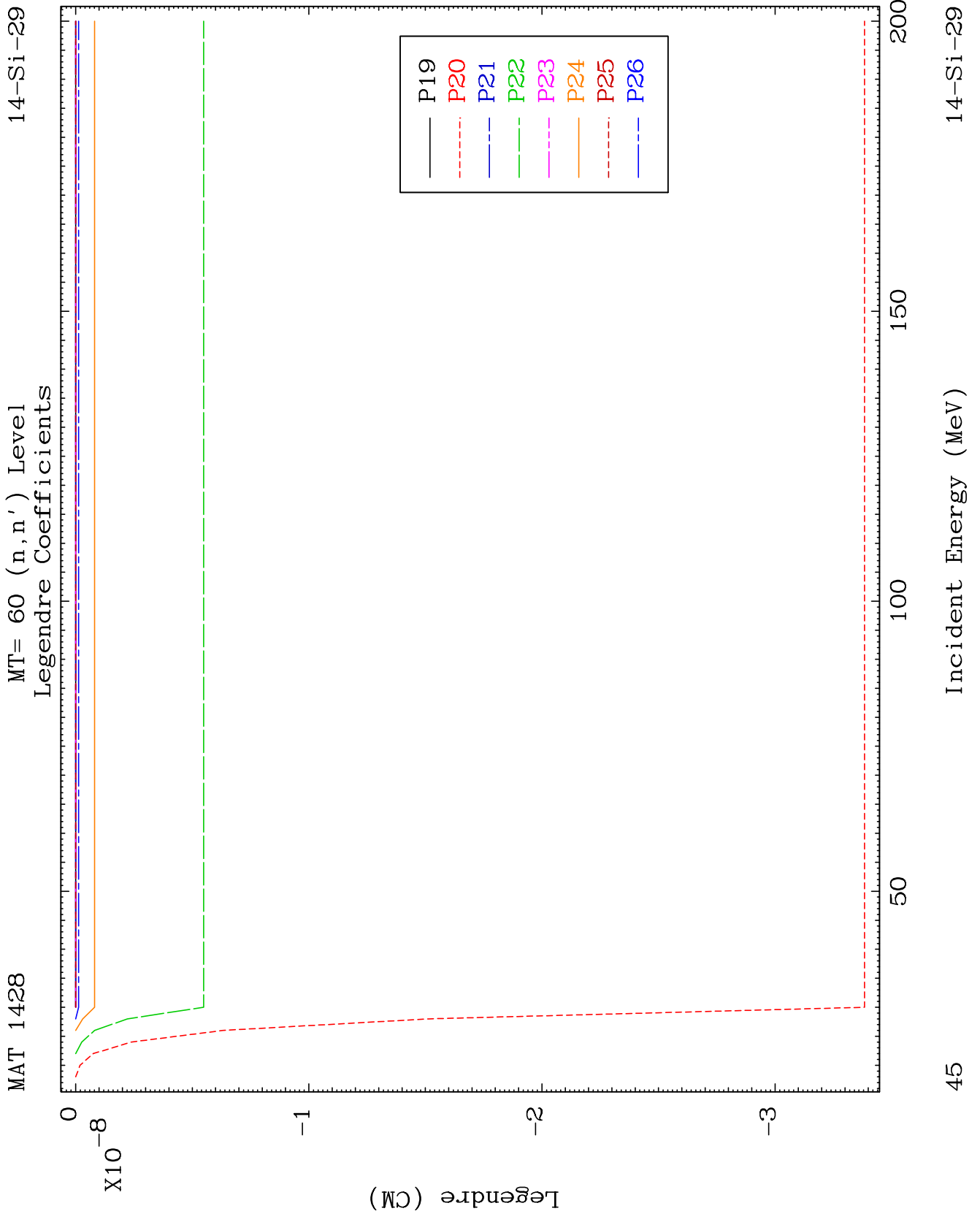
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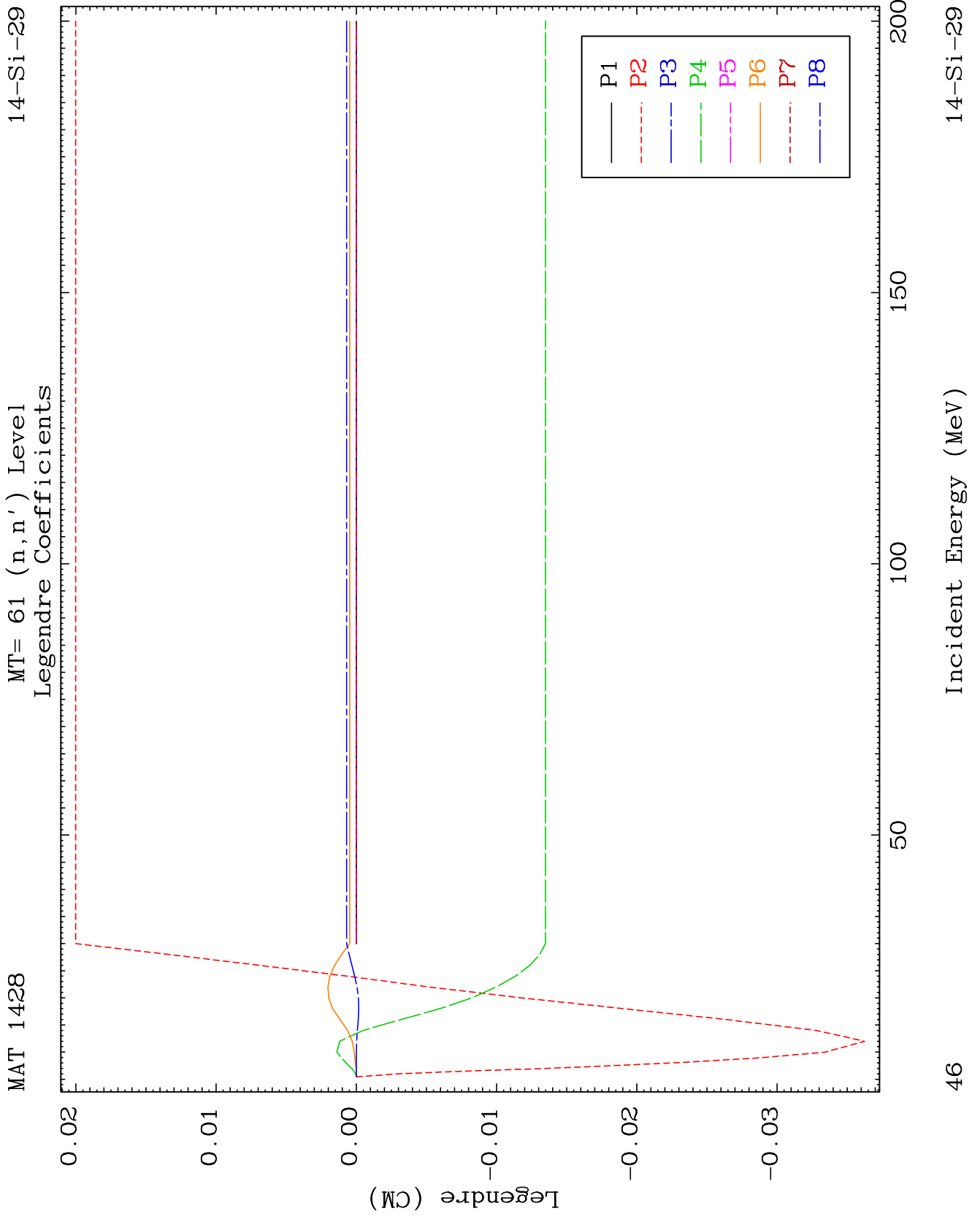
Incident Energy (MeV)

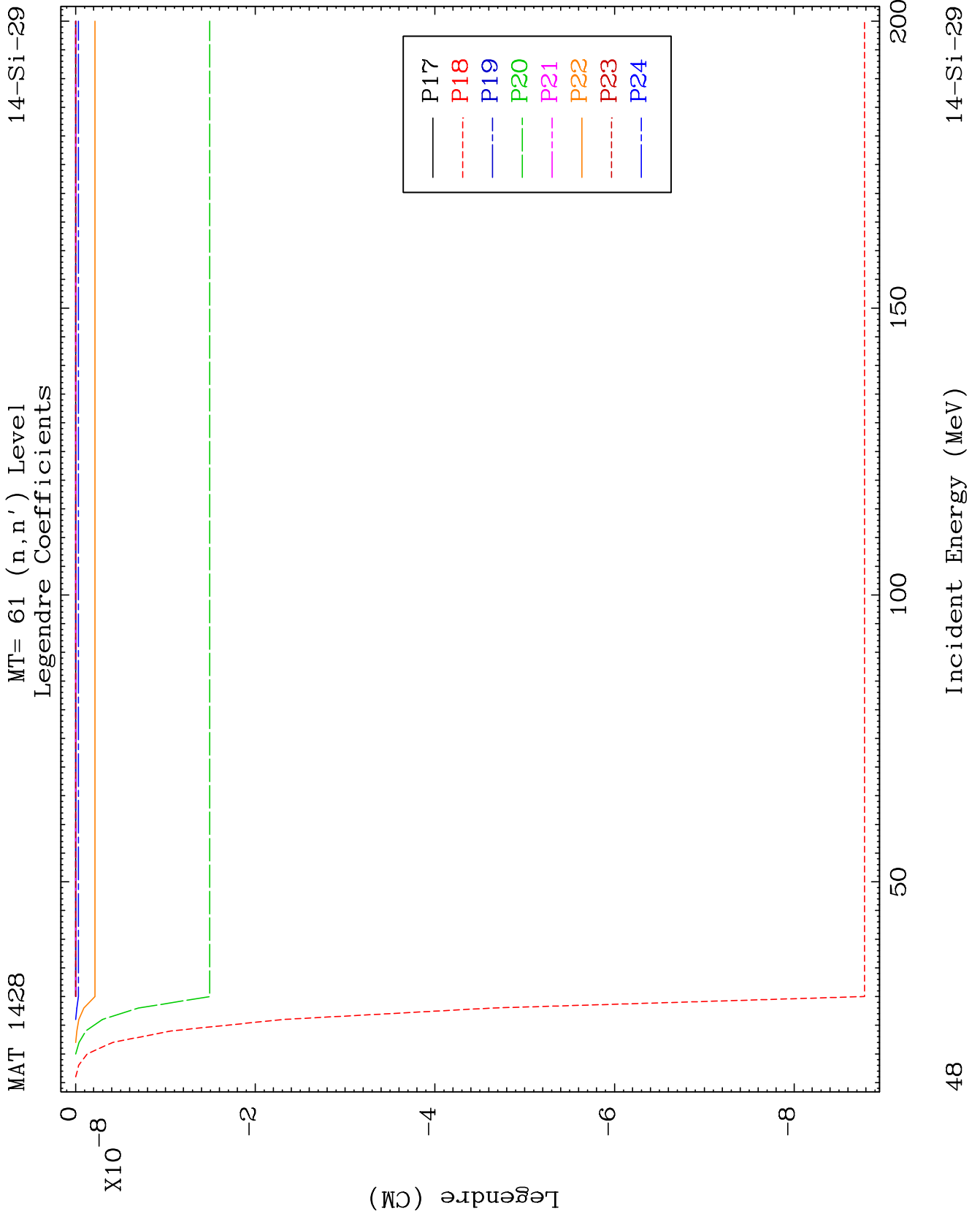
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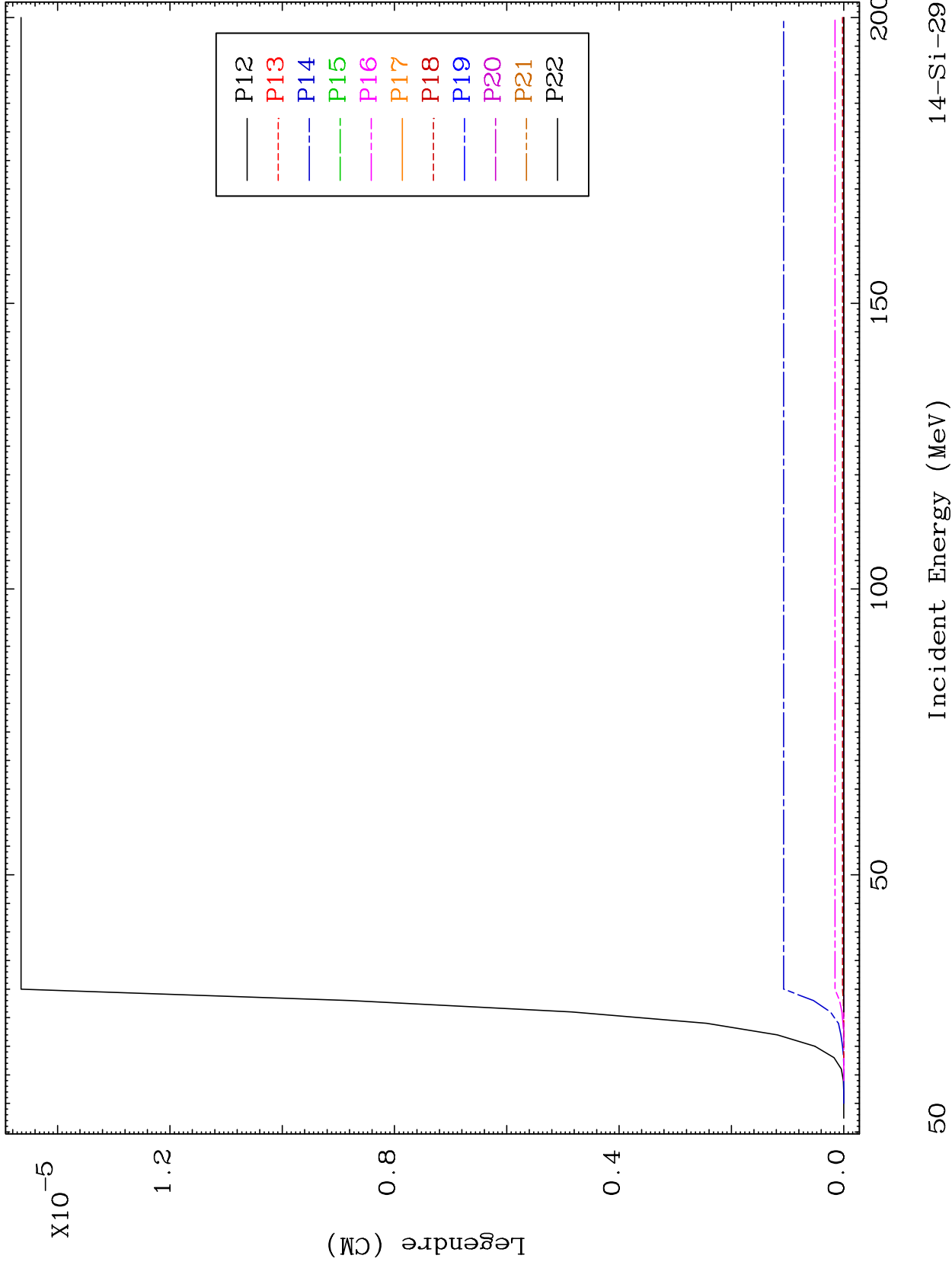




MAT 1428

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

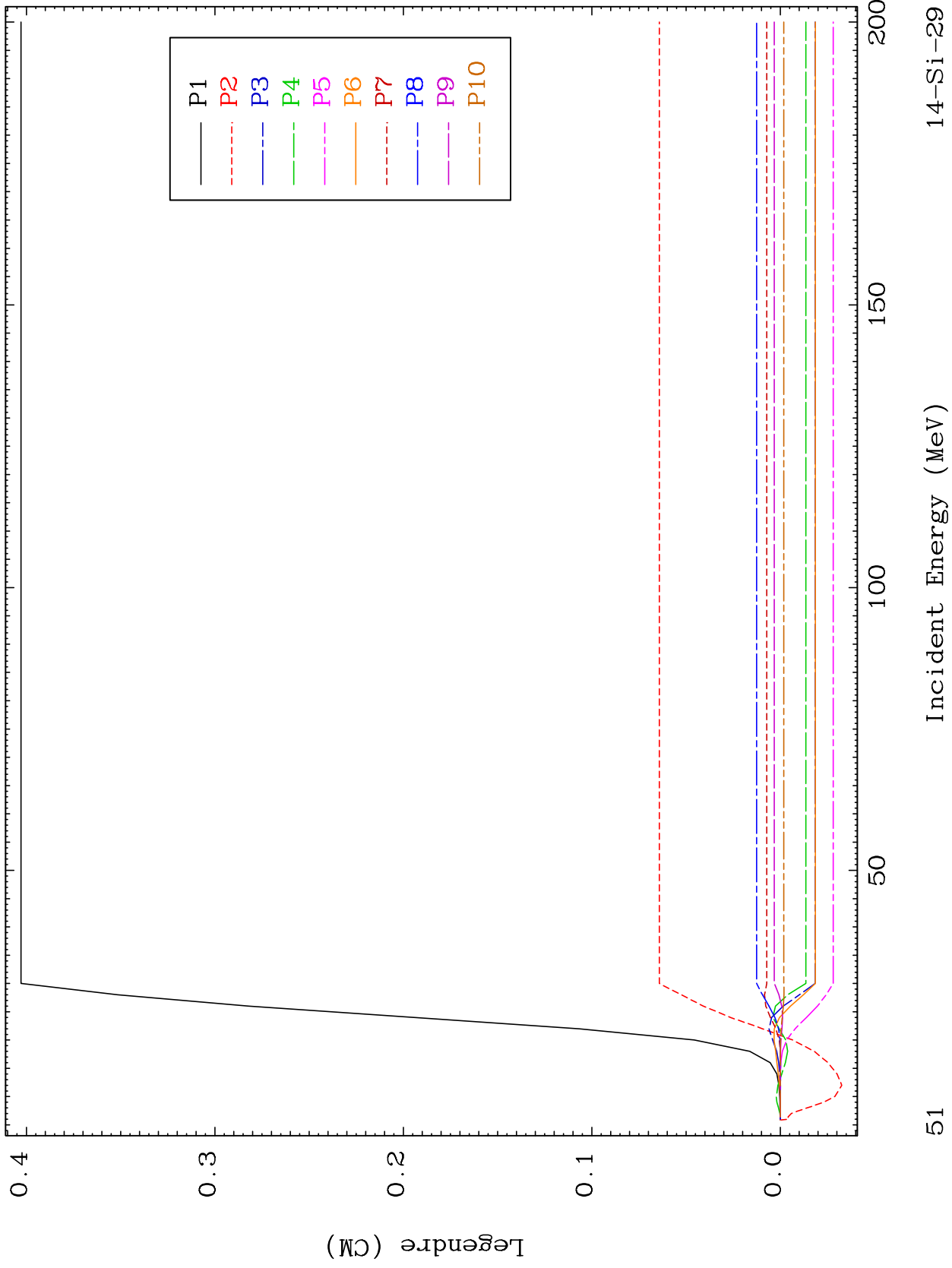
14-Si-29



MAT 1428

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

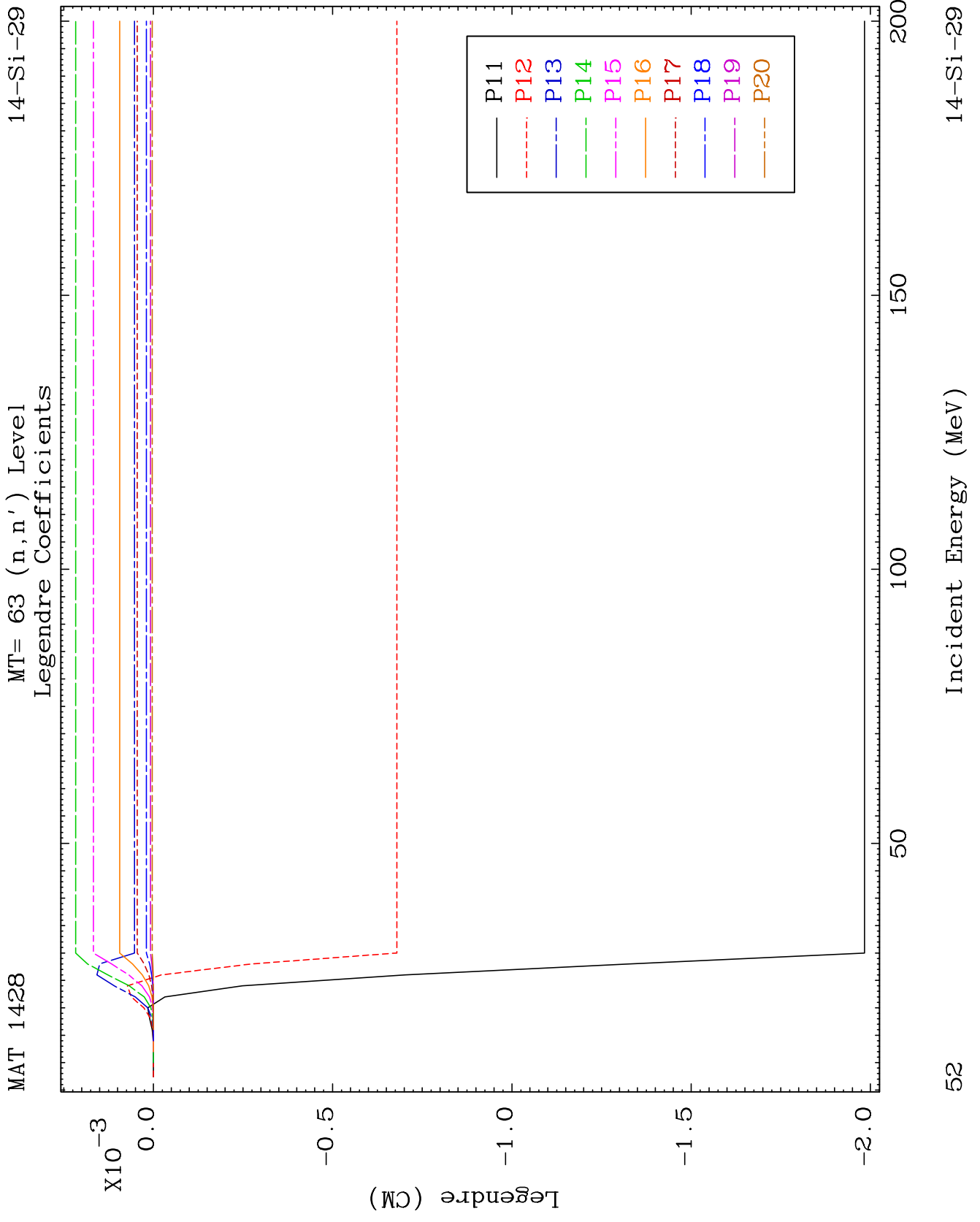
¹⁴Si-29



51

Incident Energy (MeV)

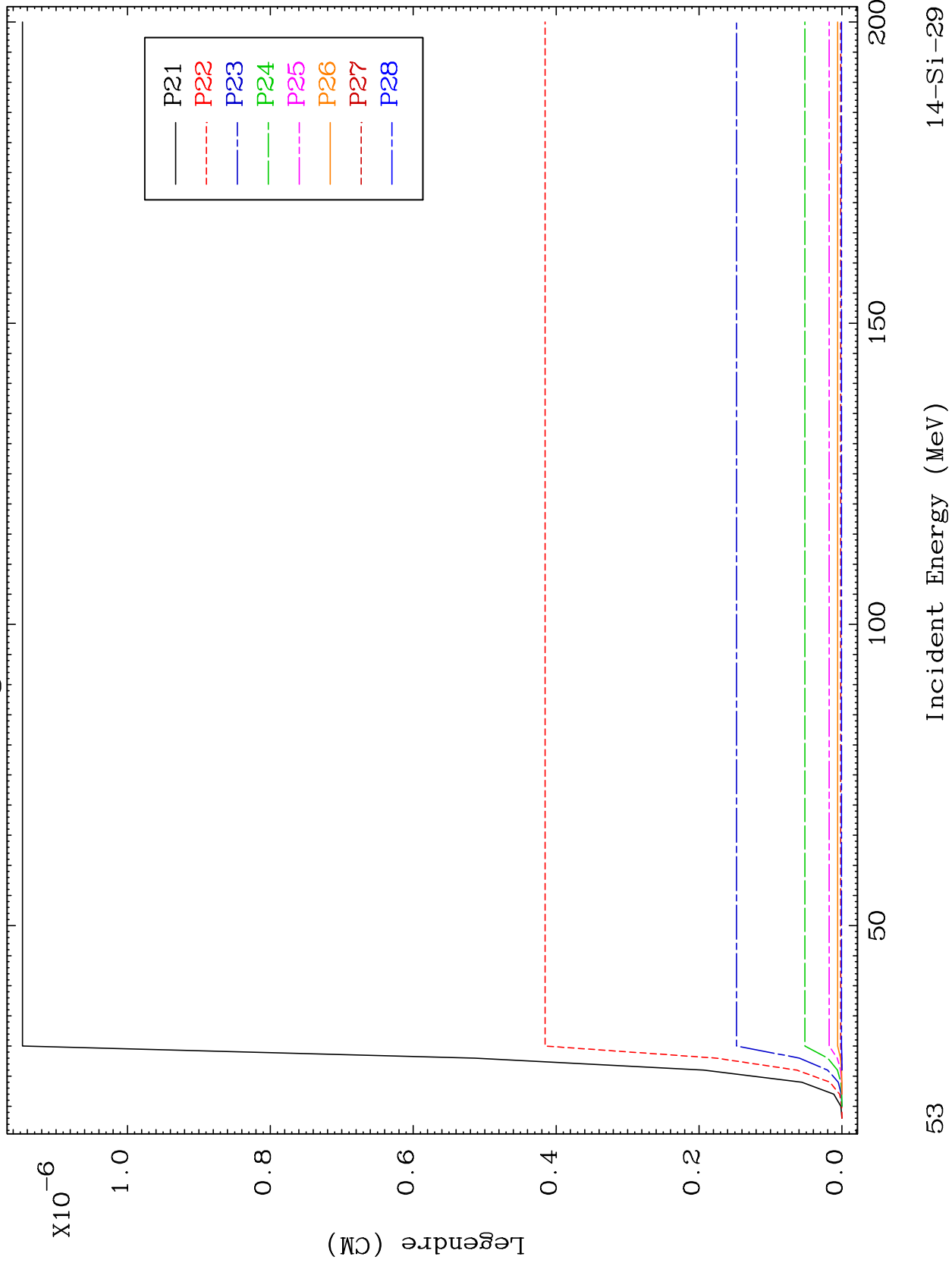
¹⁴Si-29



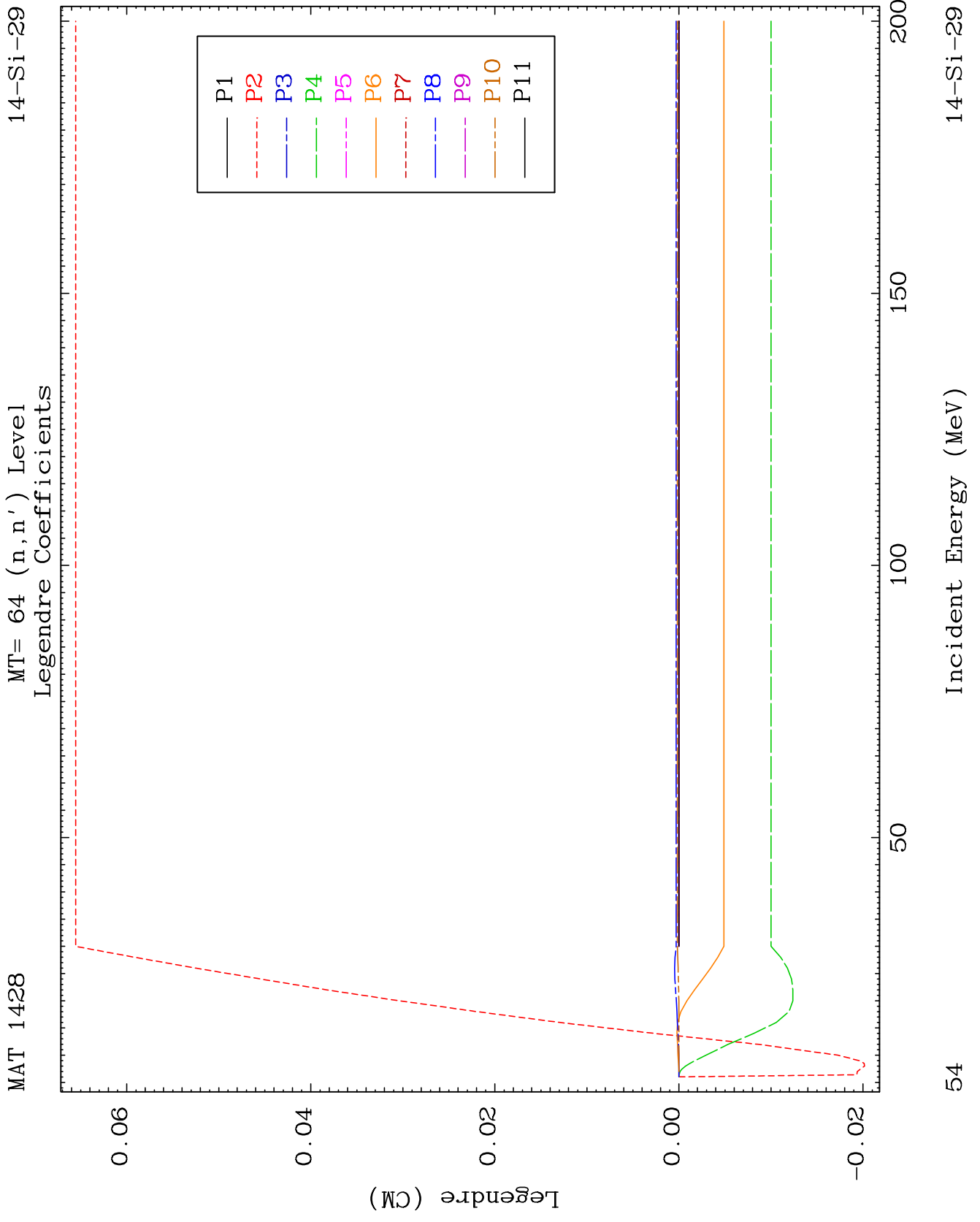
MAT 1428

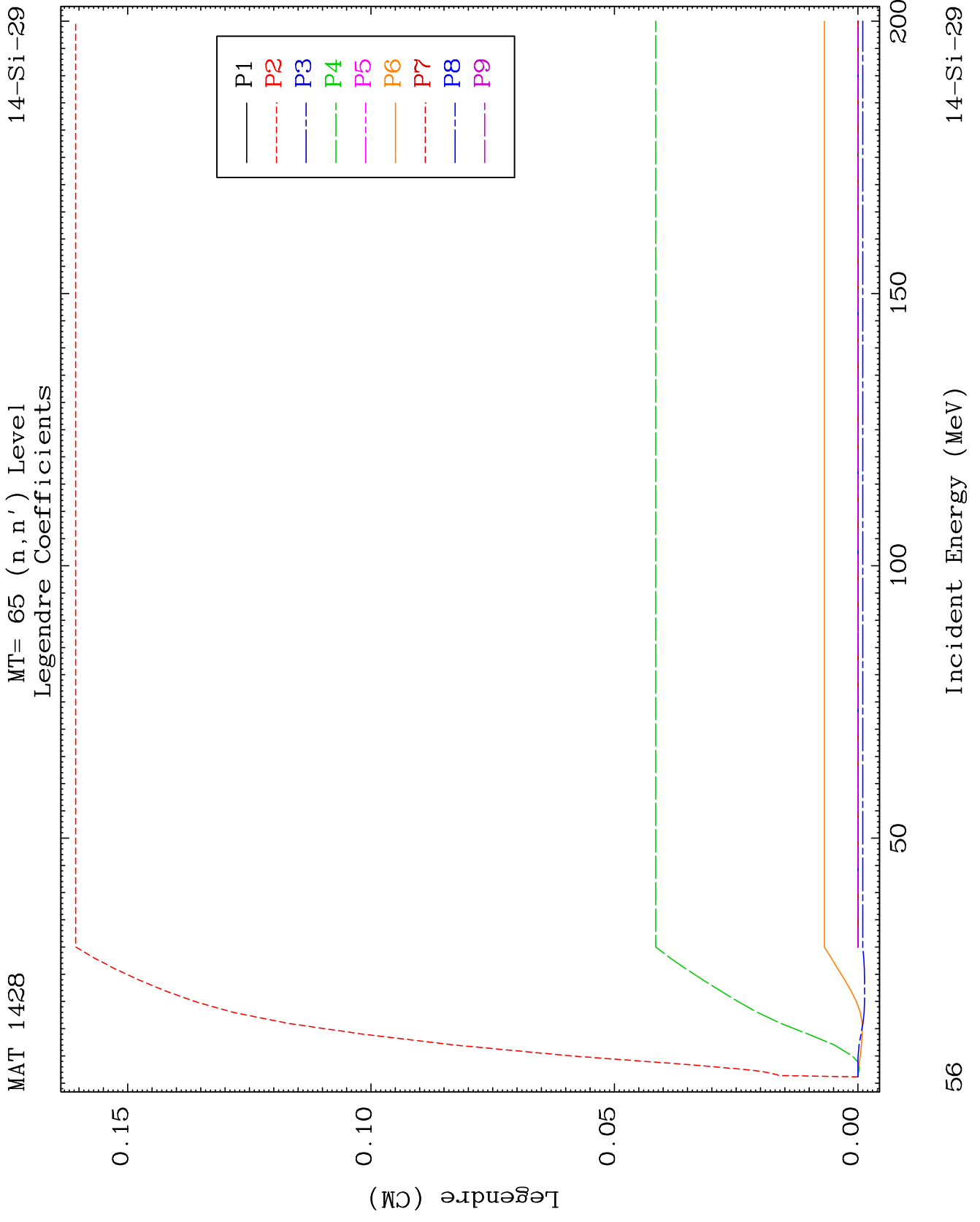
MT= 63 (n,n') Level
Legendre Coefficients

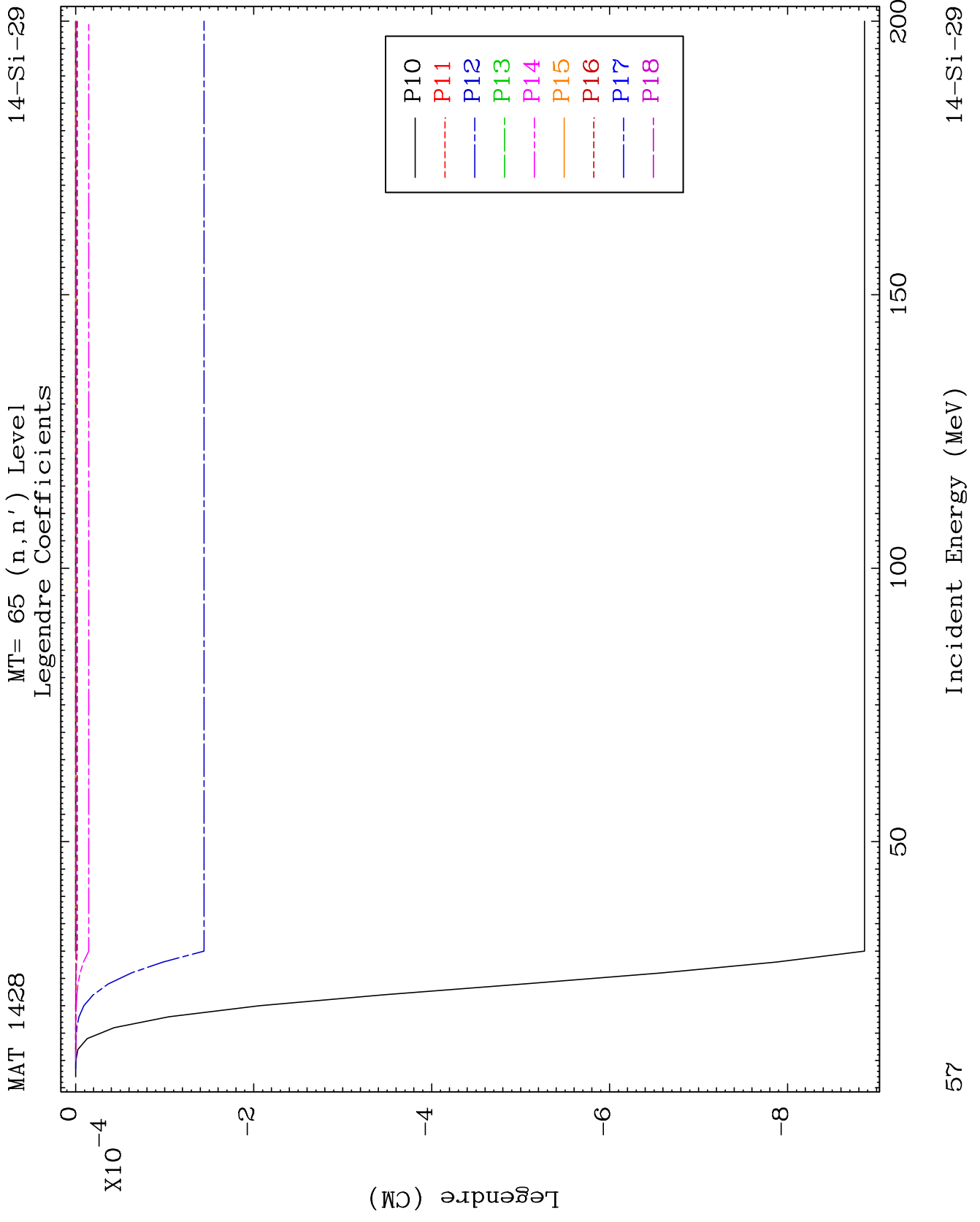
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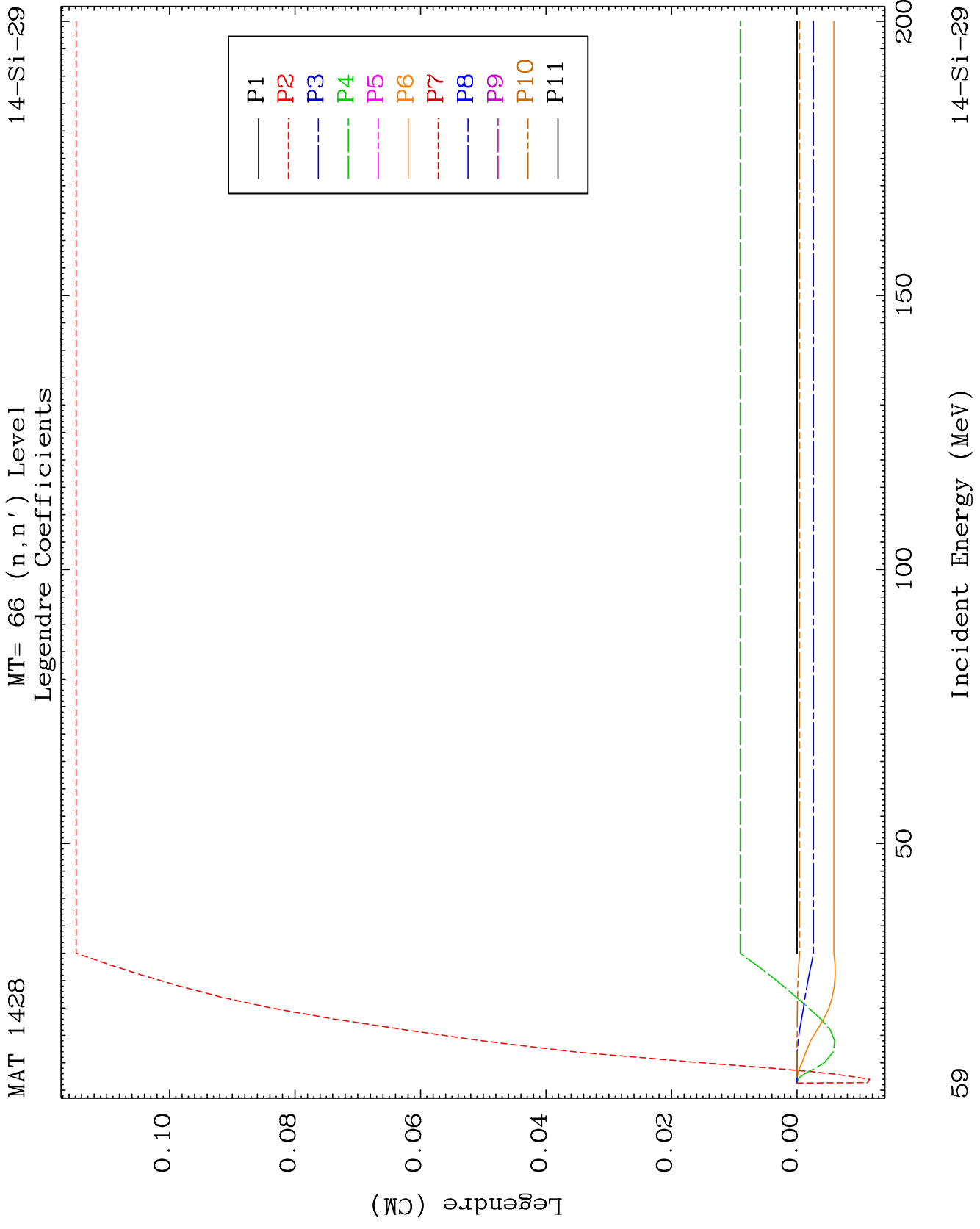


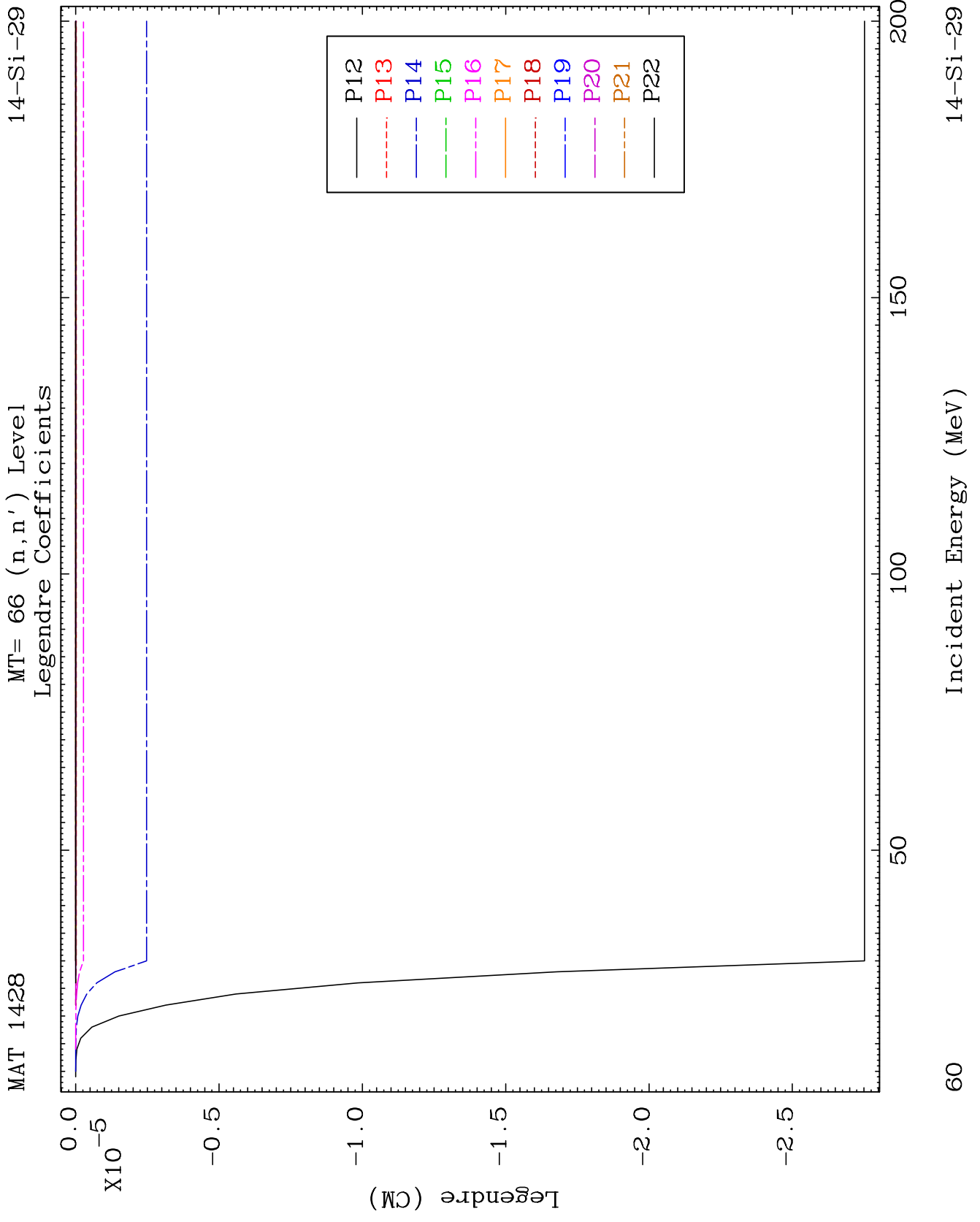
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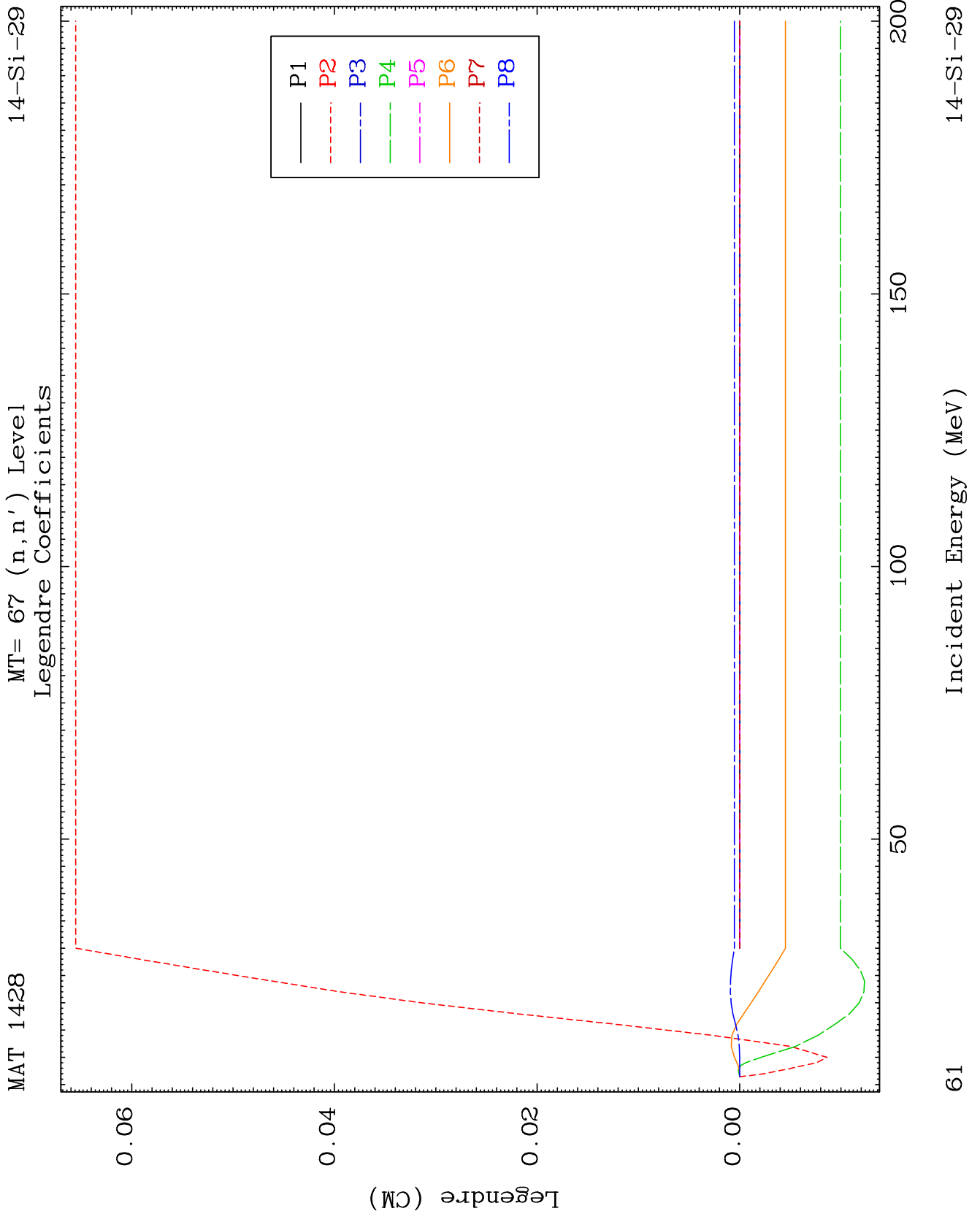


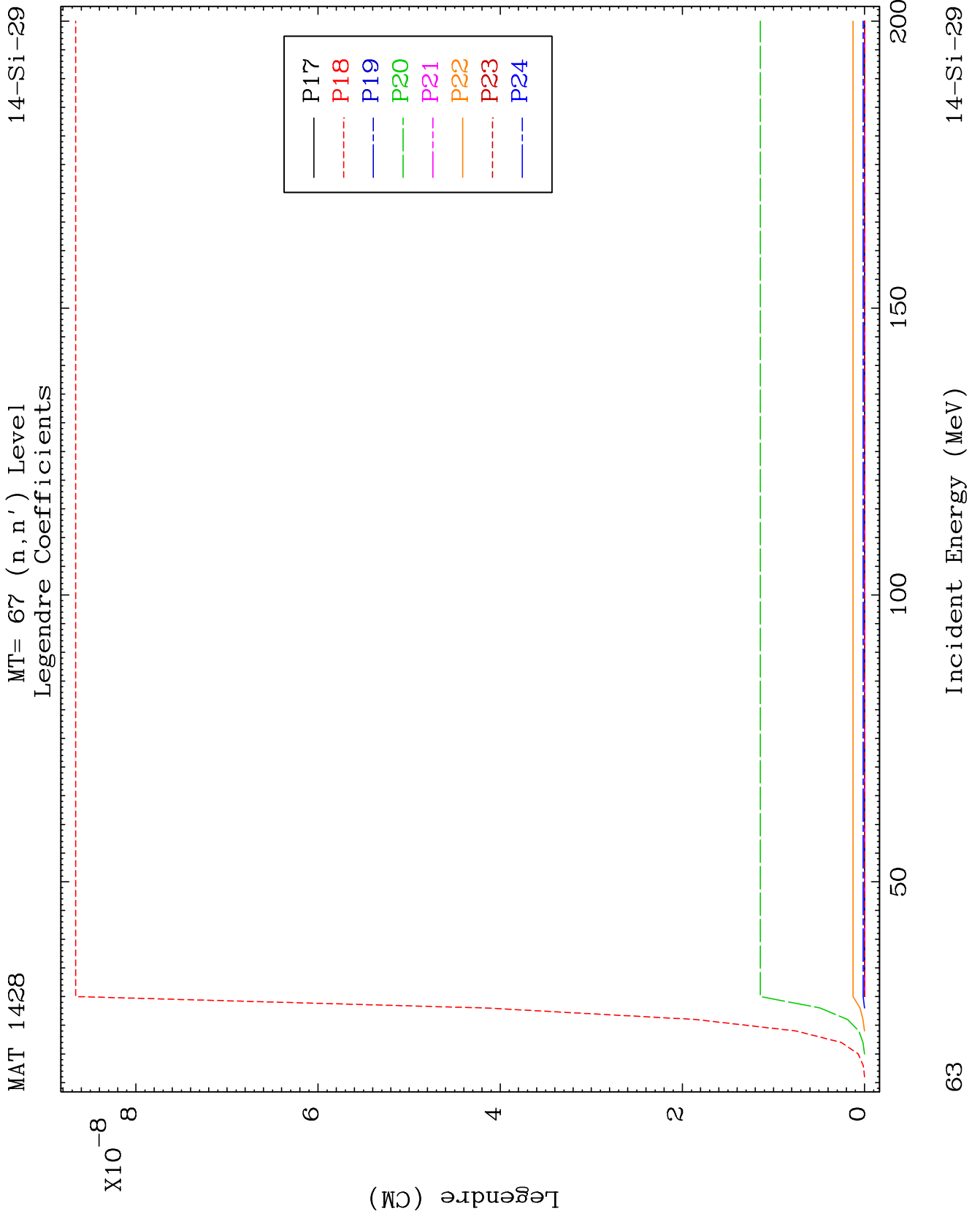








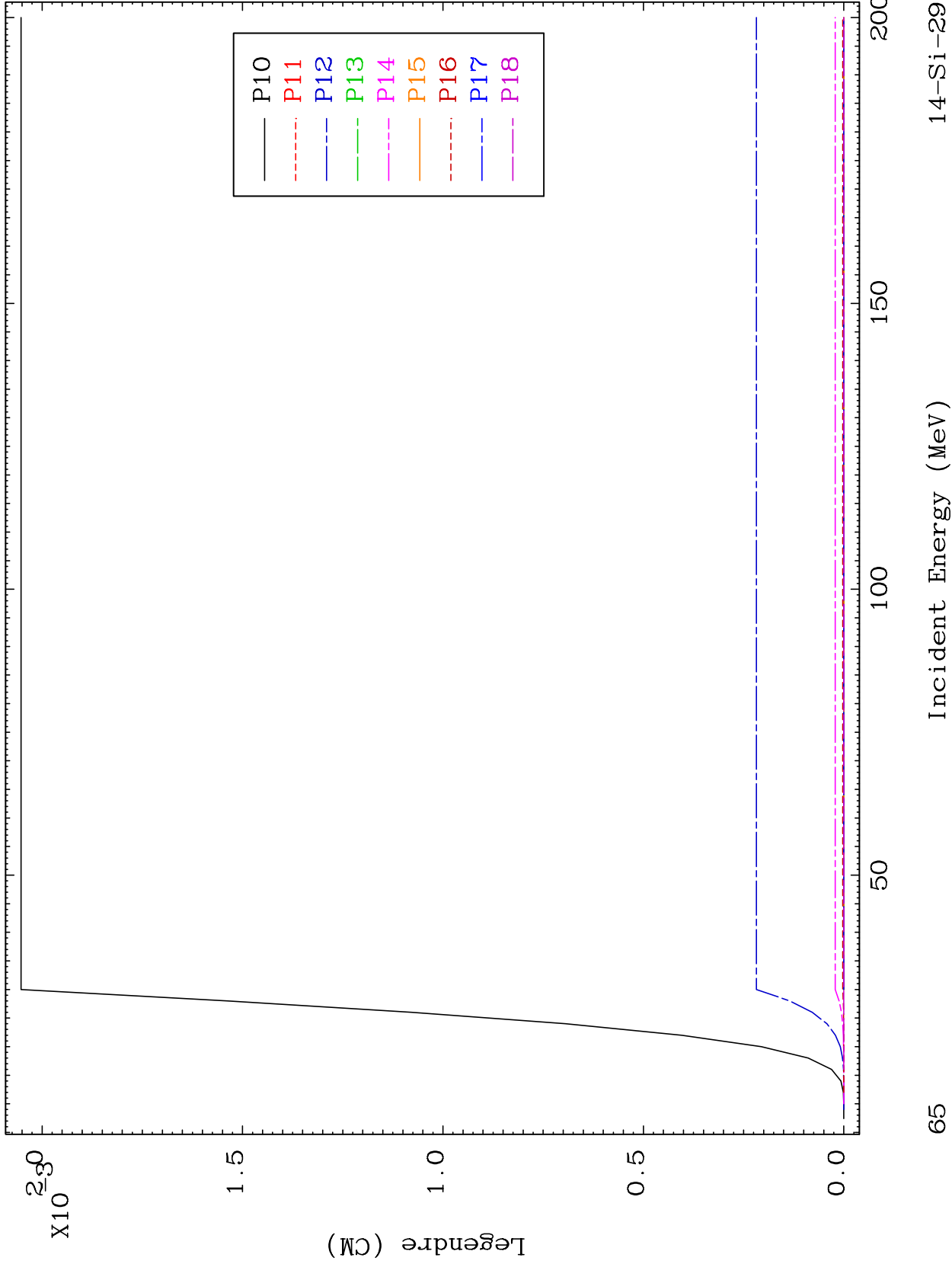




MAT 1428

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

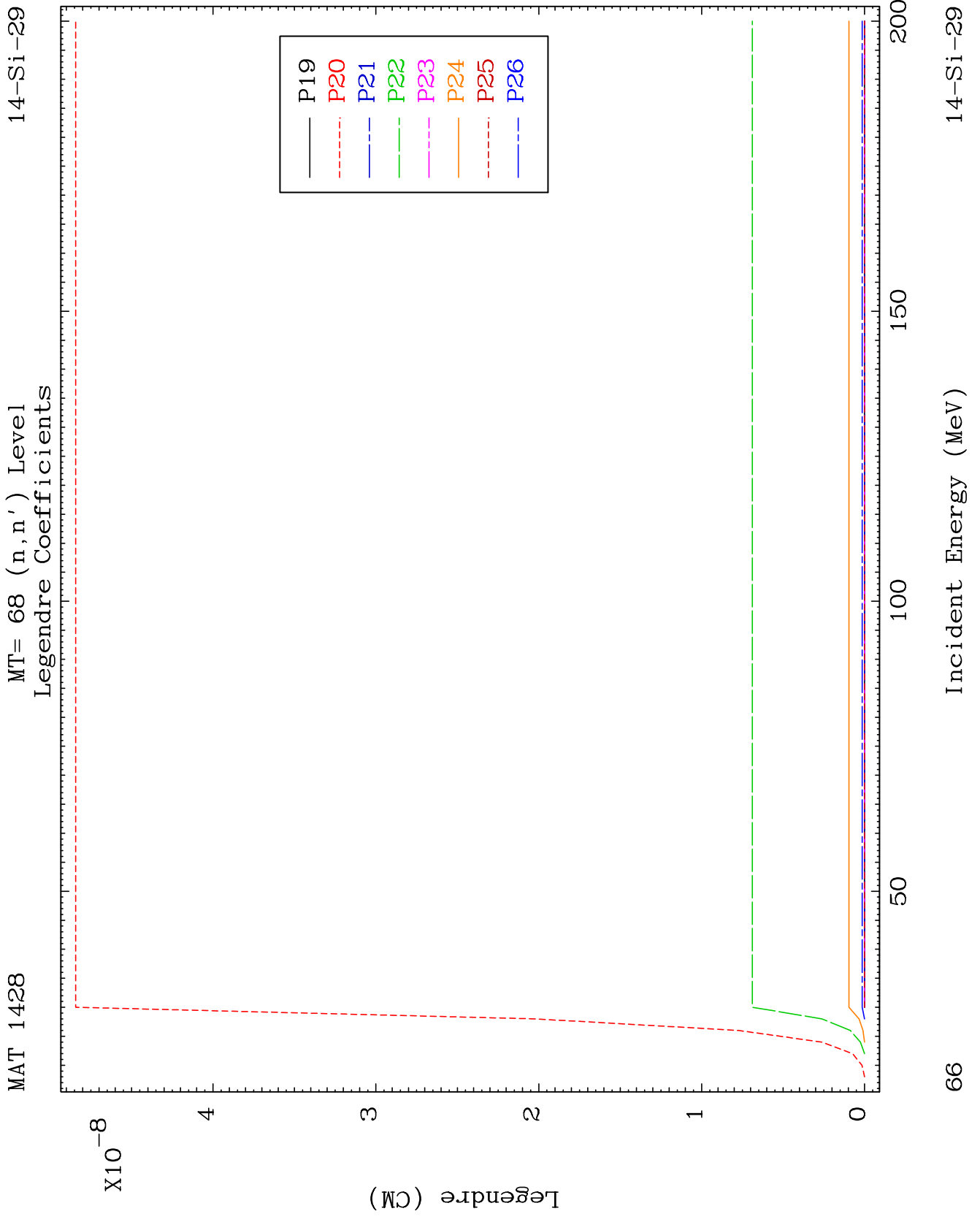
14-Si-29



65

Incident Energy (MeV)

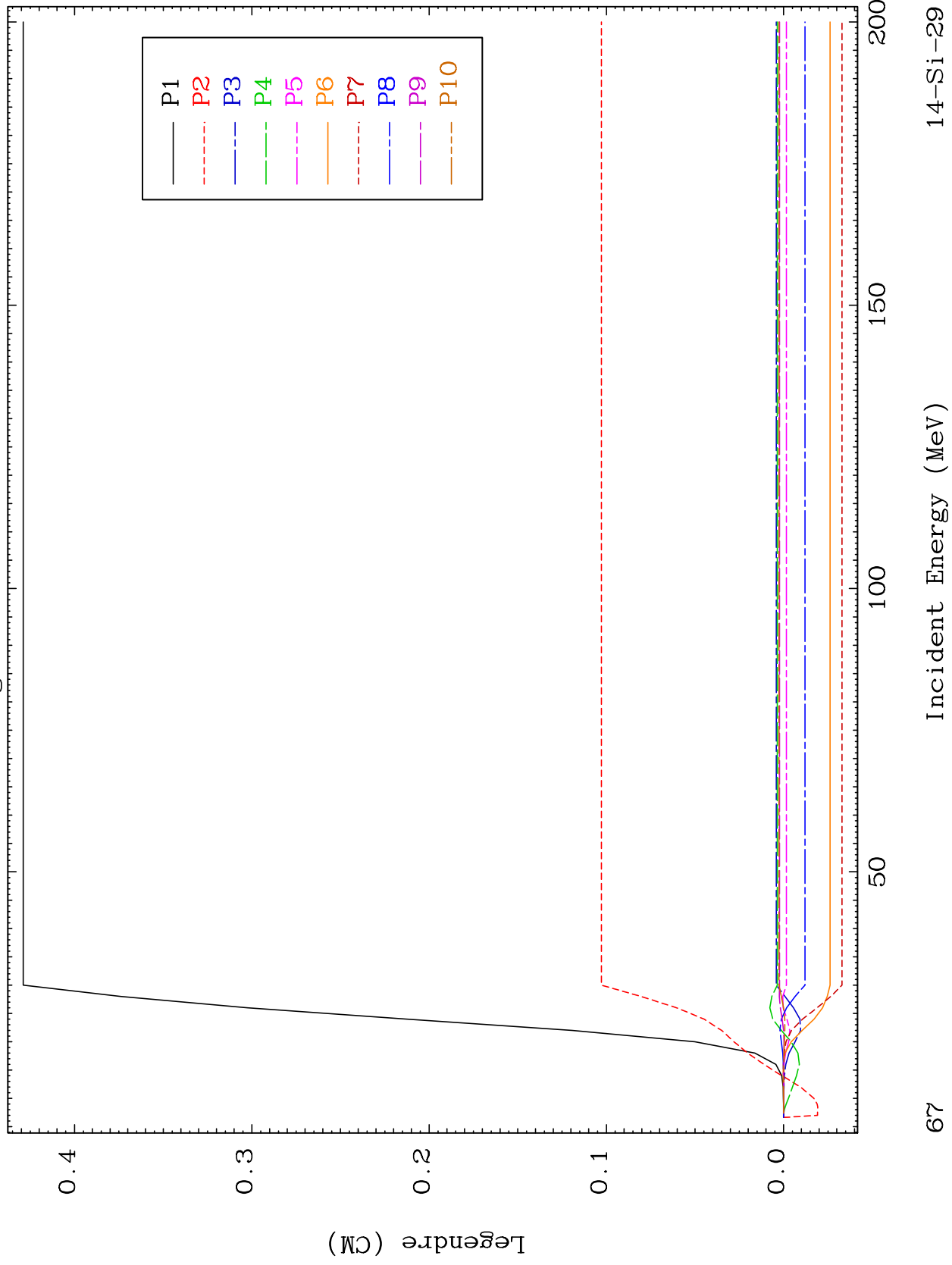
14-Si-29



MAT 1428

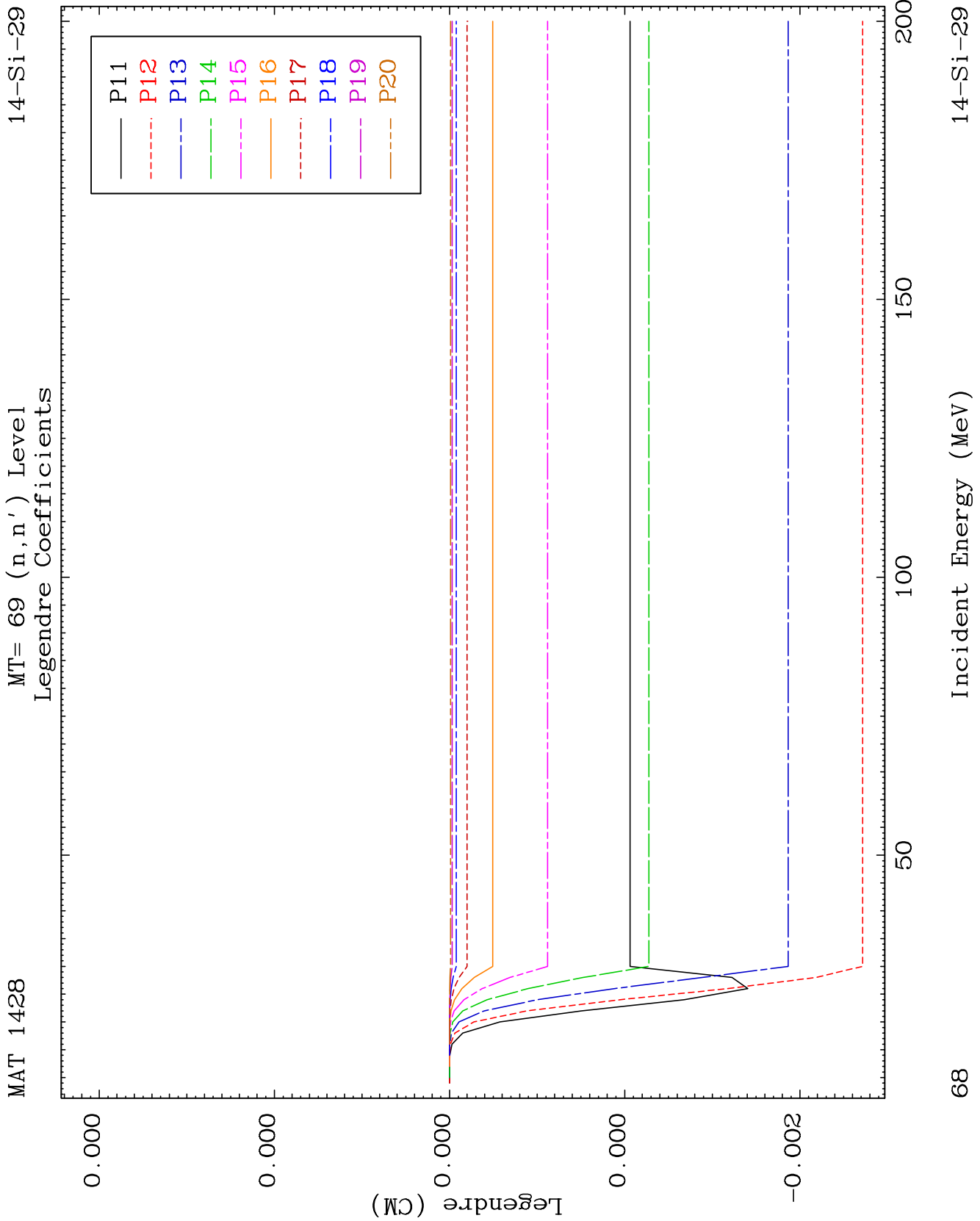
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Legendre Coefficients

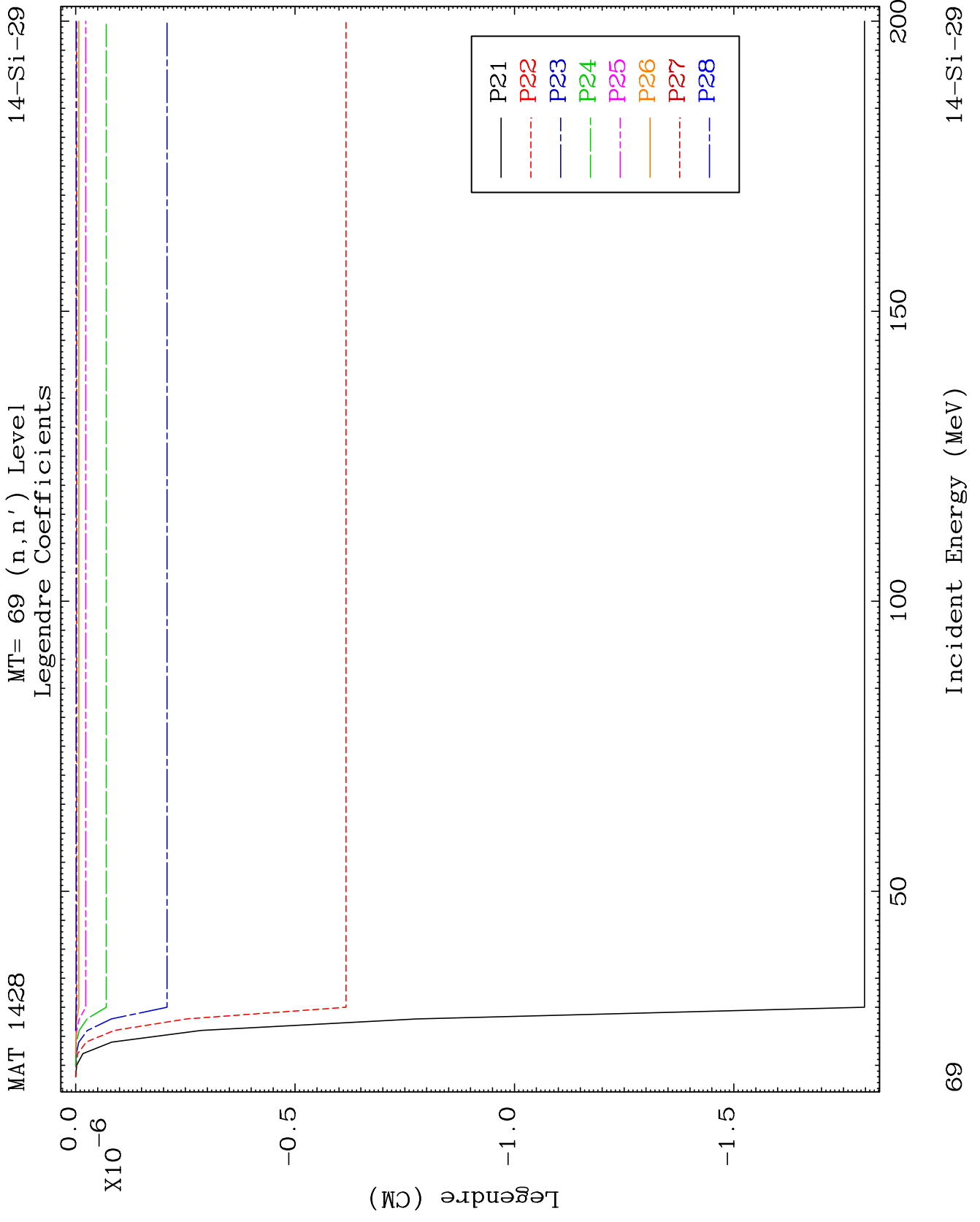
14-Si-29



67

14-Si-29

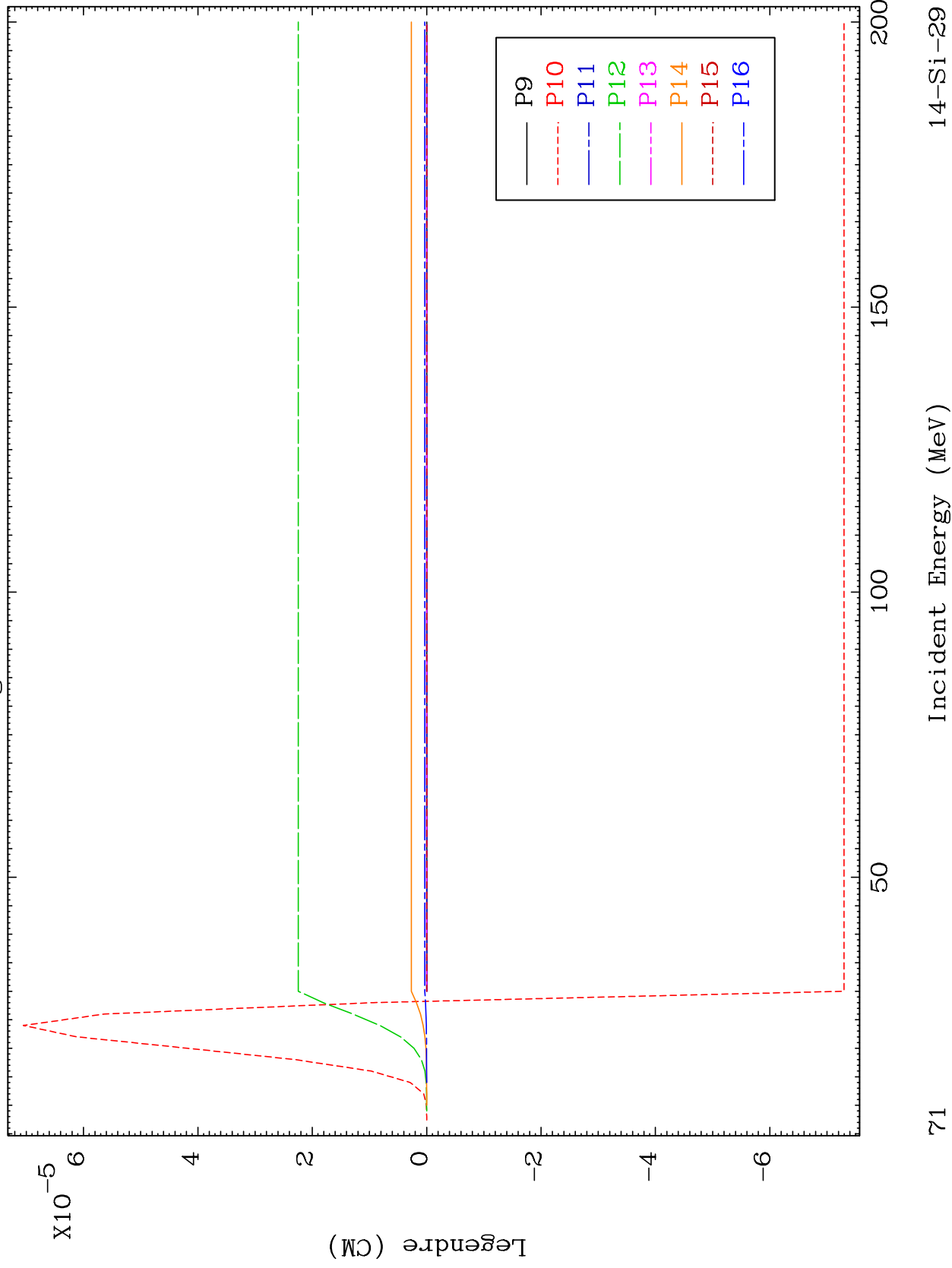




MAT 1428

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

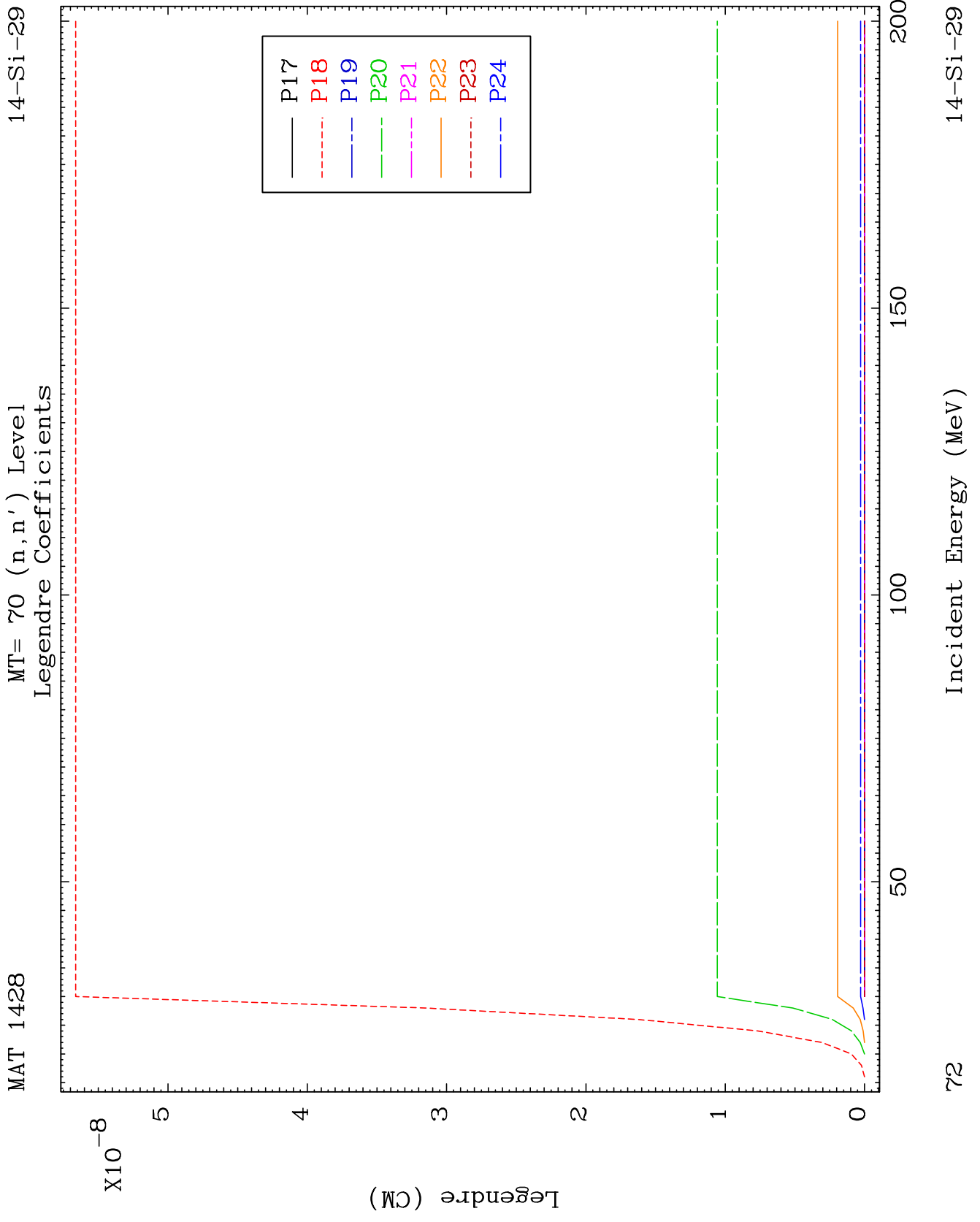
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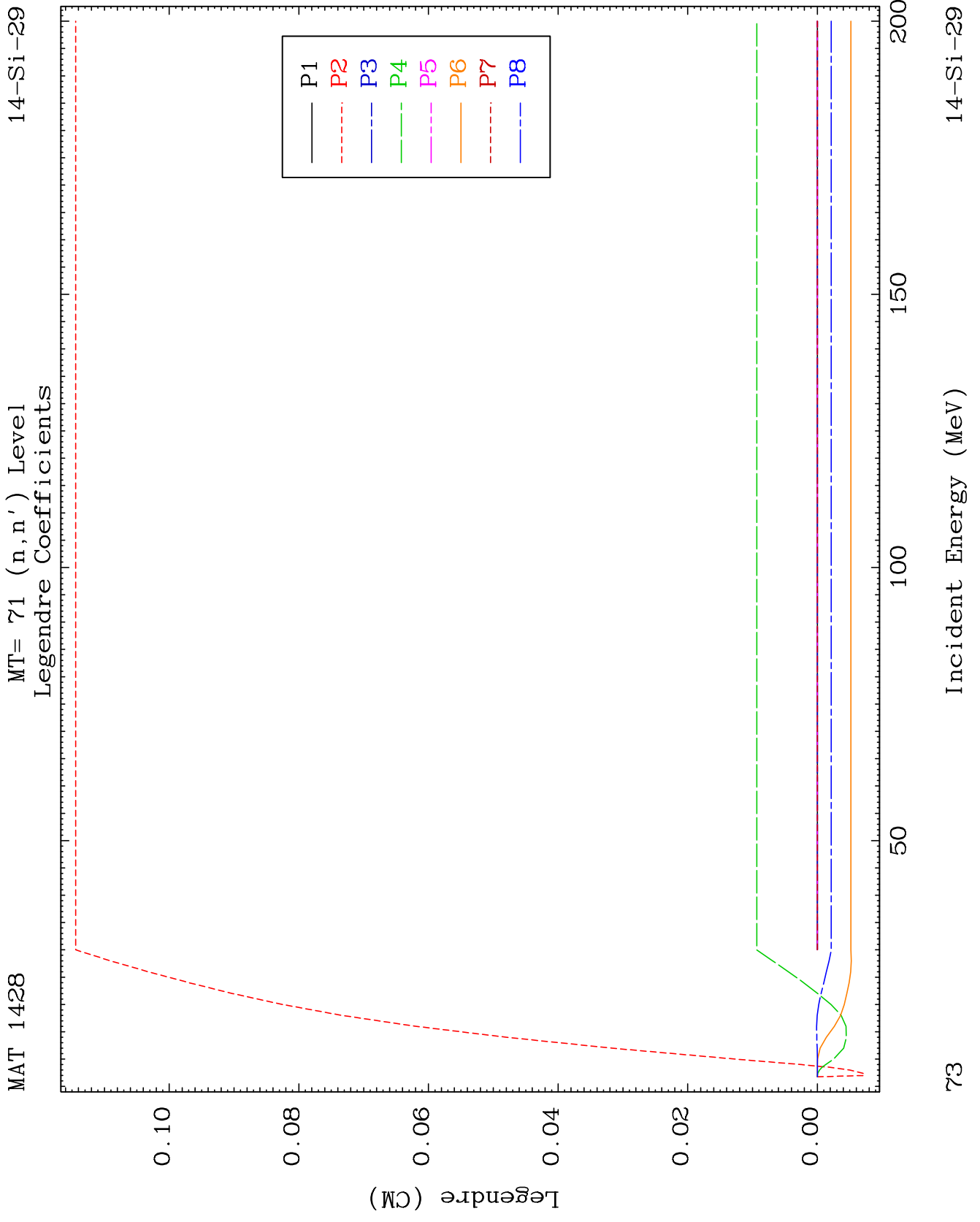


71

Incident Energy (MeV)

14-Si-29

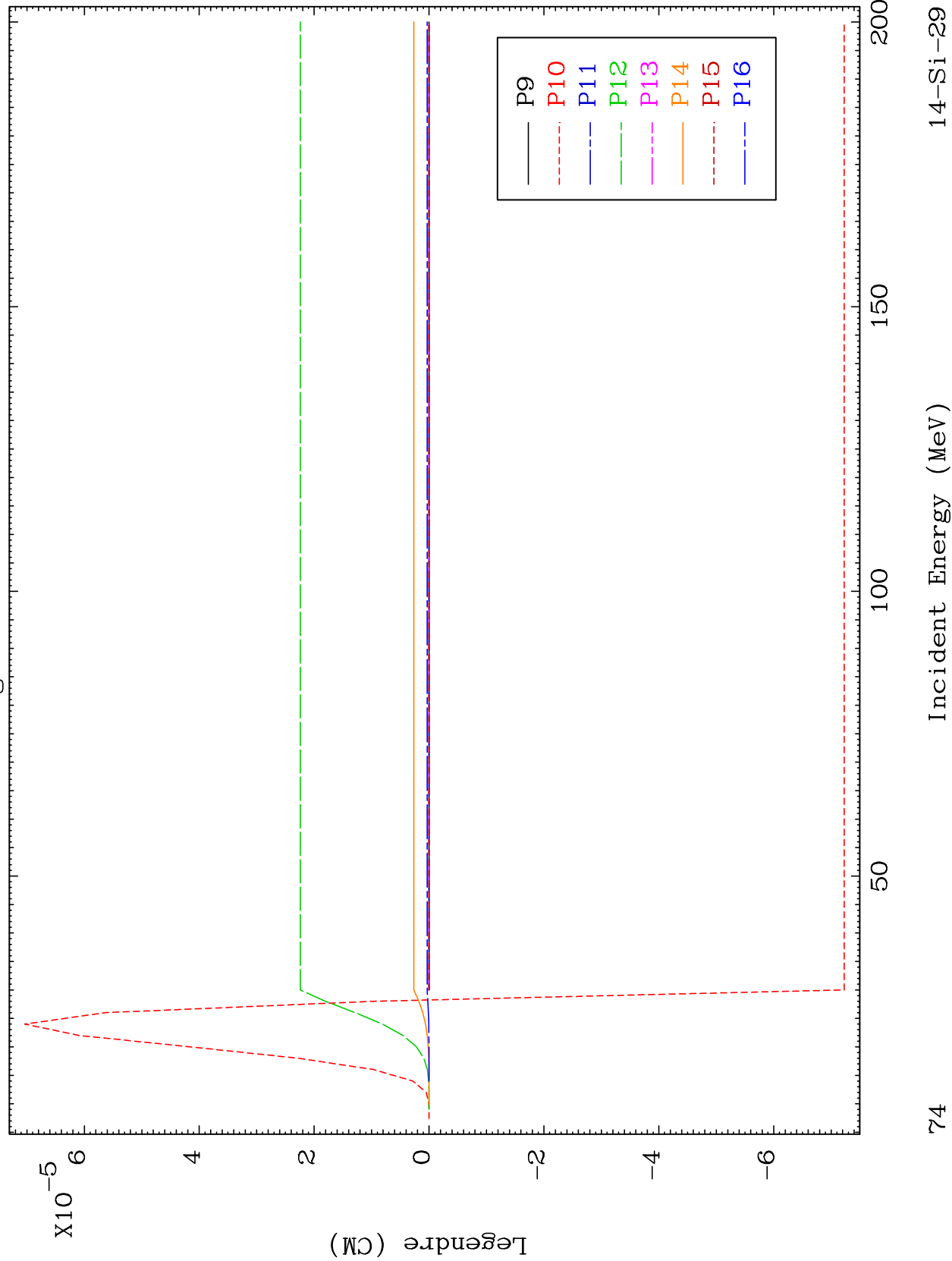




MAT 1428

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

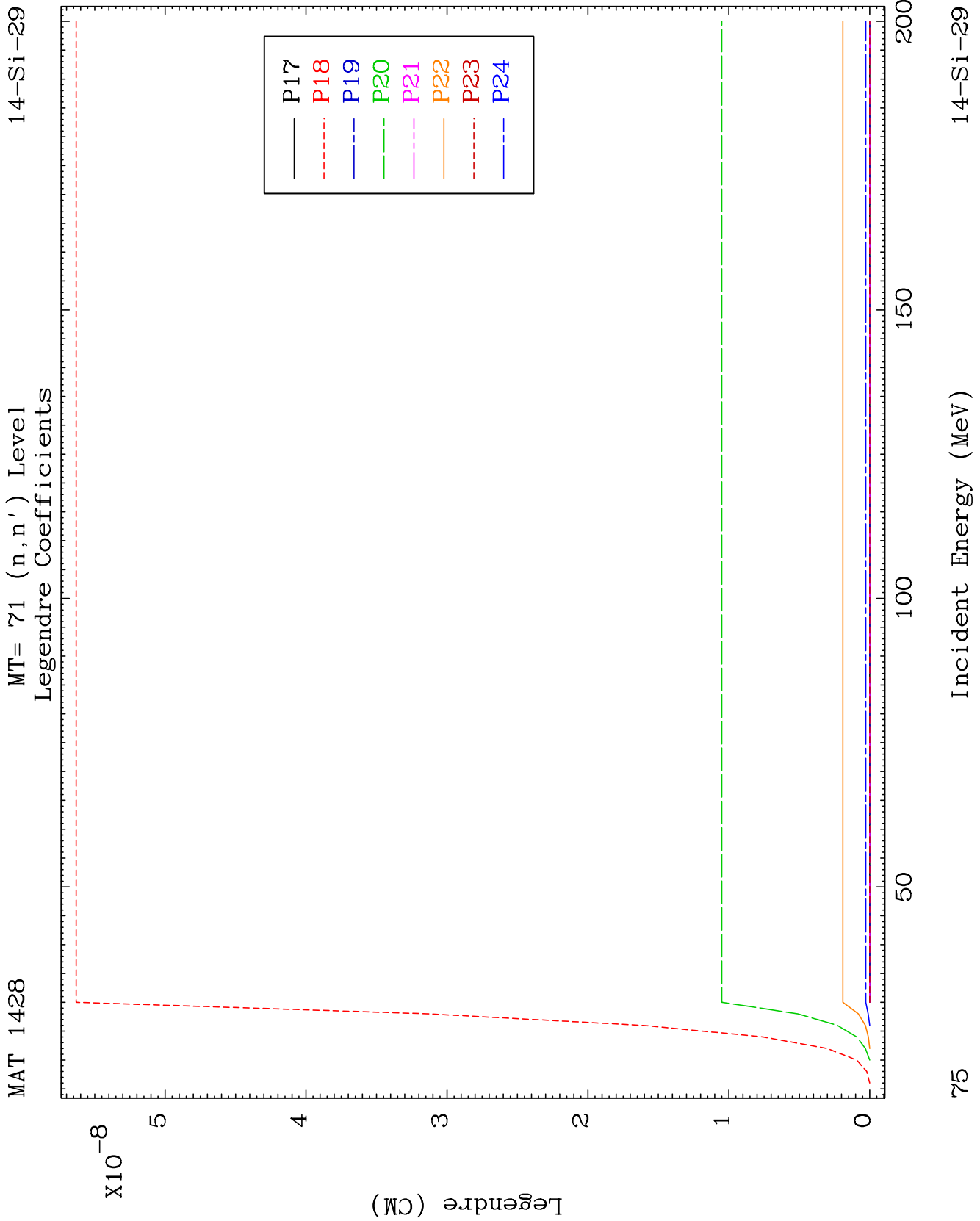
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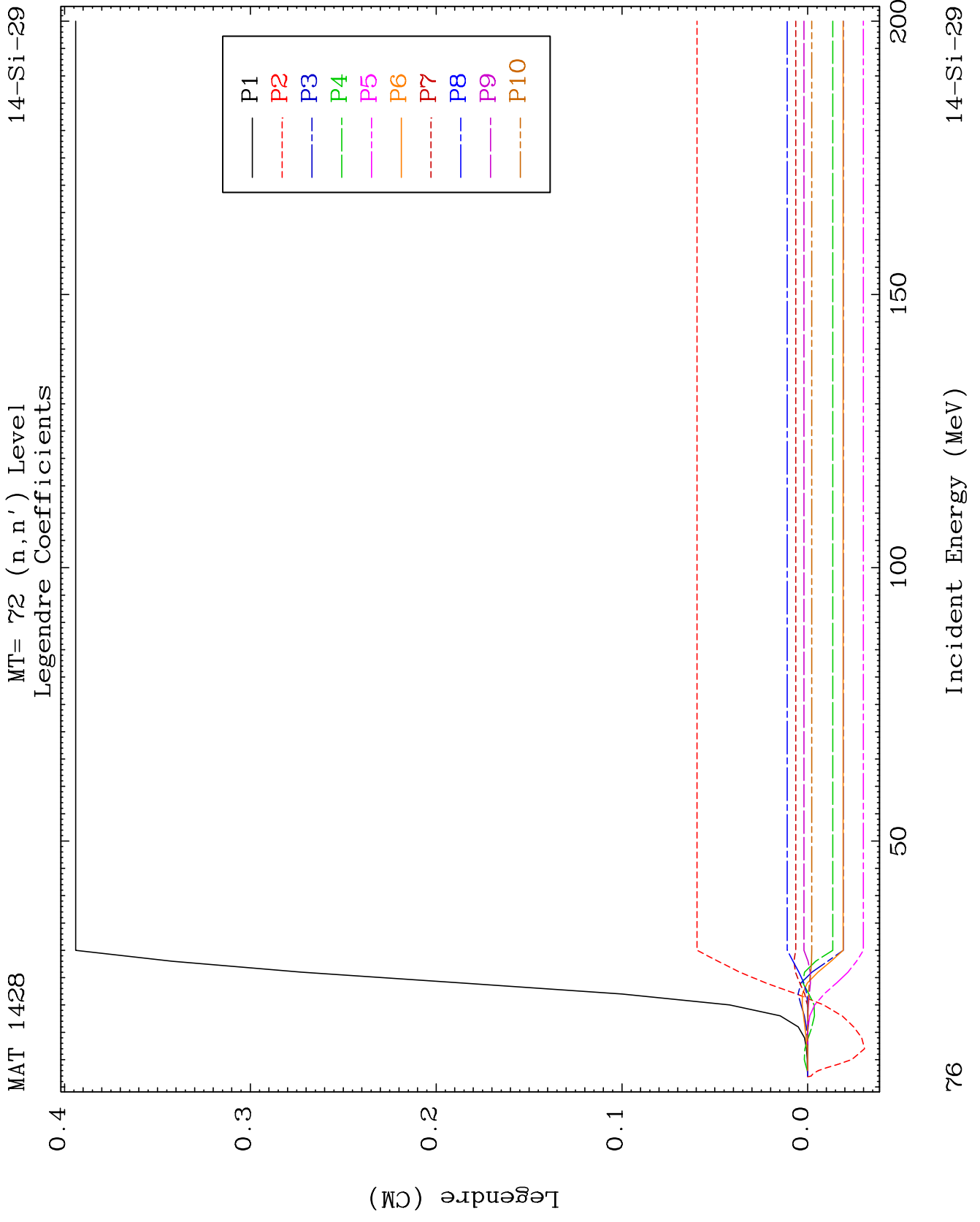


74

Incident Energy (MeV)

14-Si-29

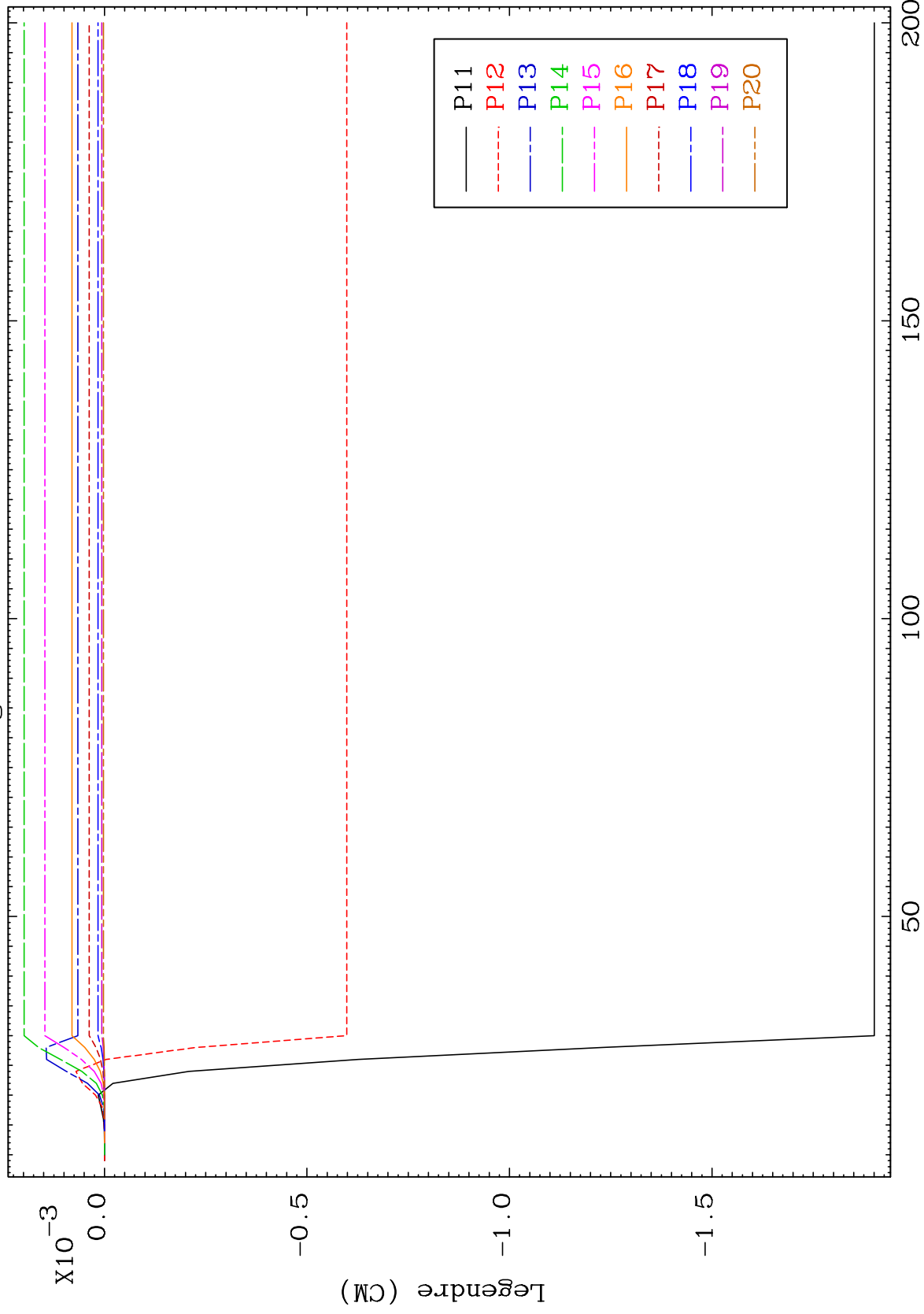




MAT 1428

14-Si-29

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



77

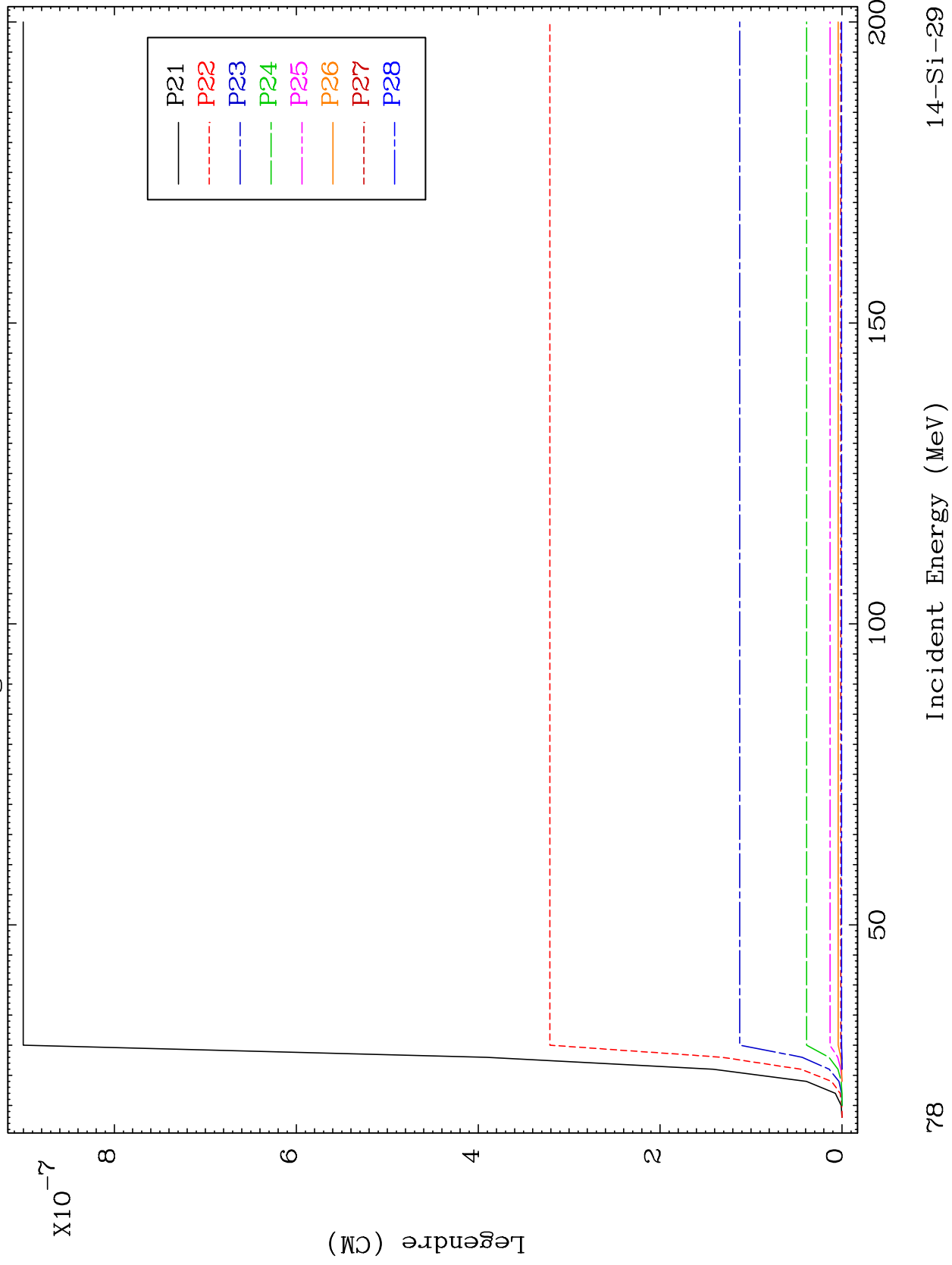
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



78

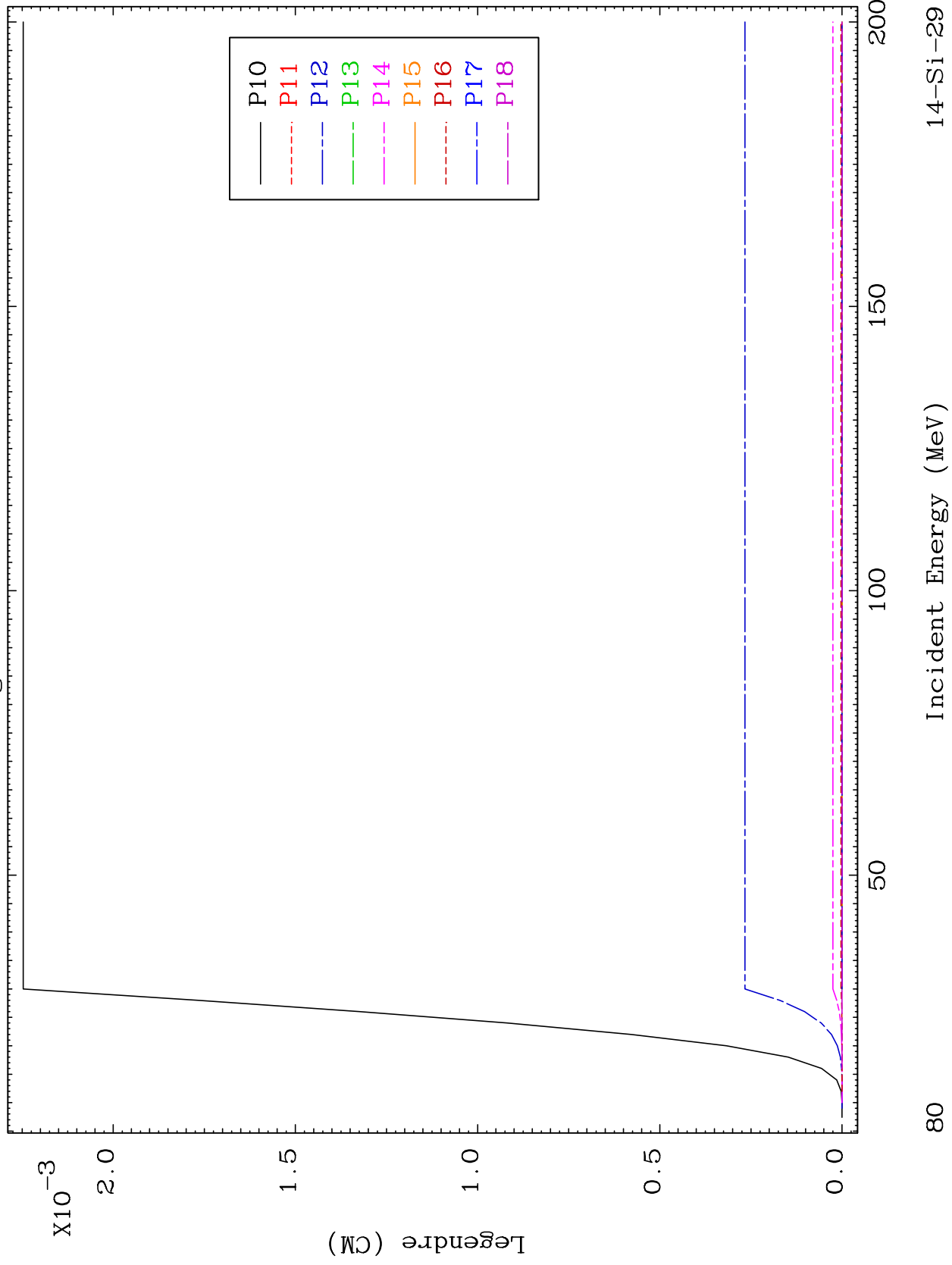
Incident Energy (MeV)

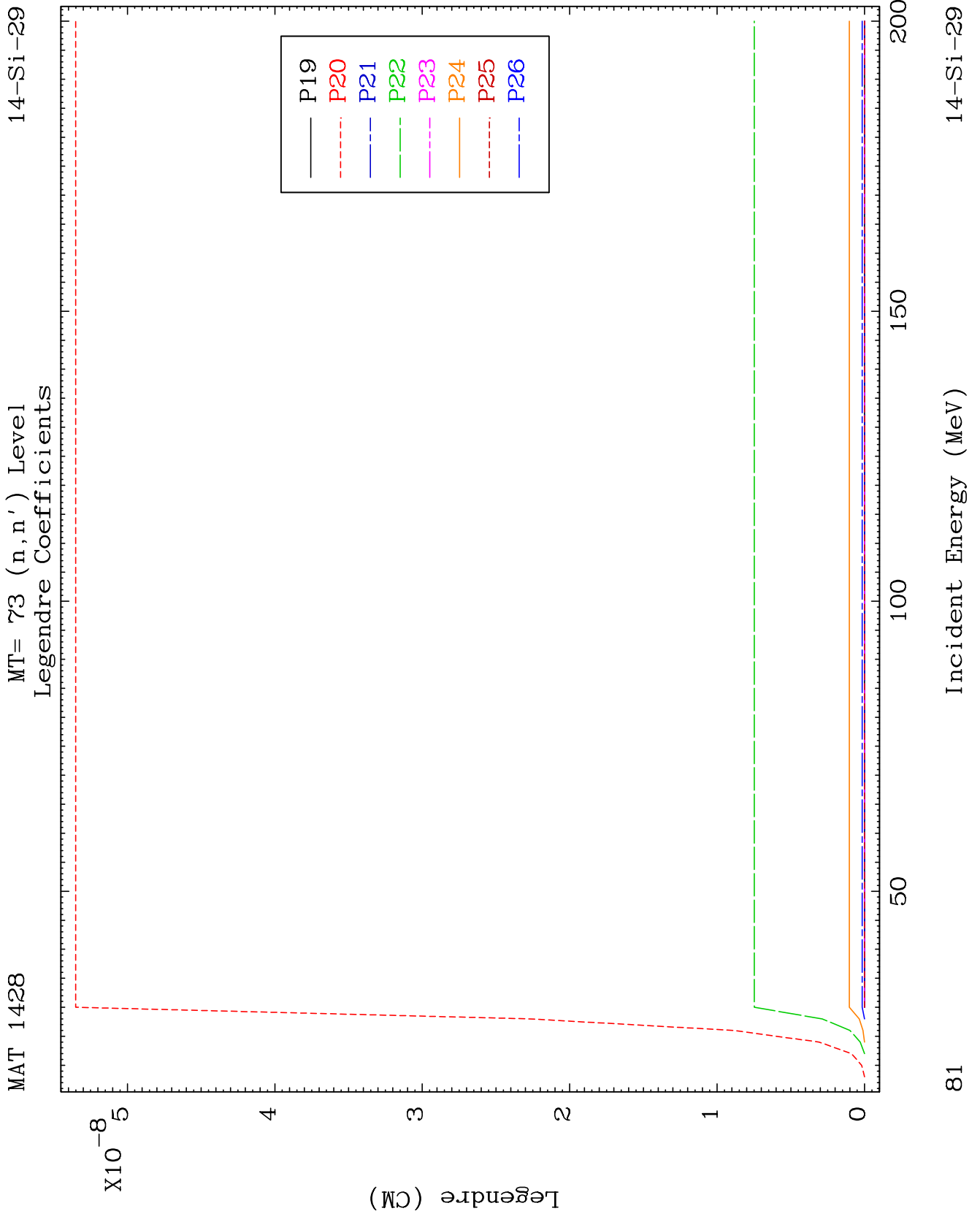
14-Si-29

MAT 1428

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

14-Si-29

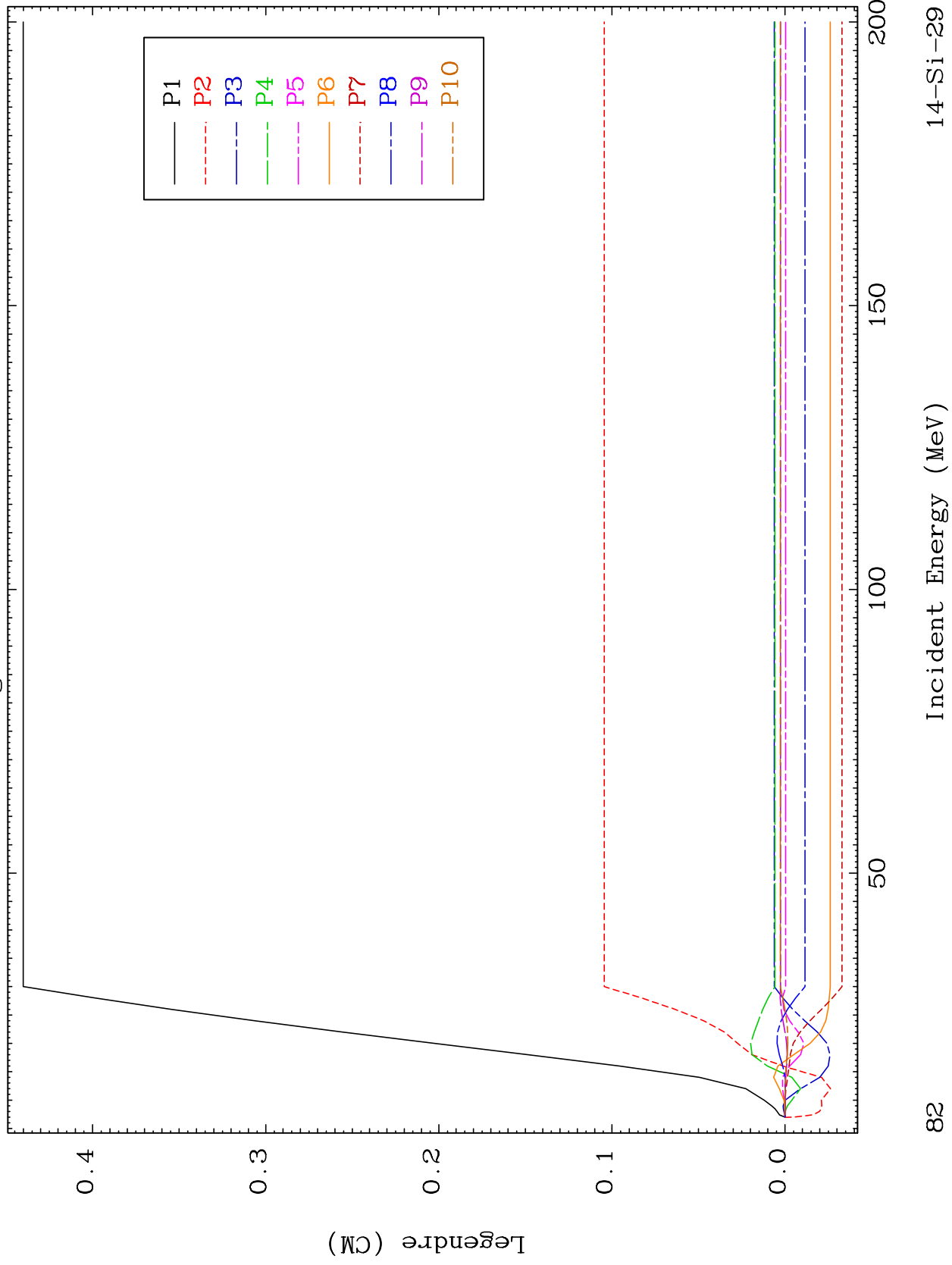




MAT 1428

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

14-Si-29



82

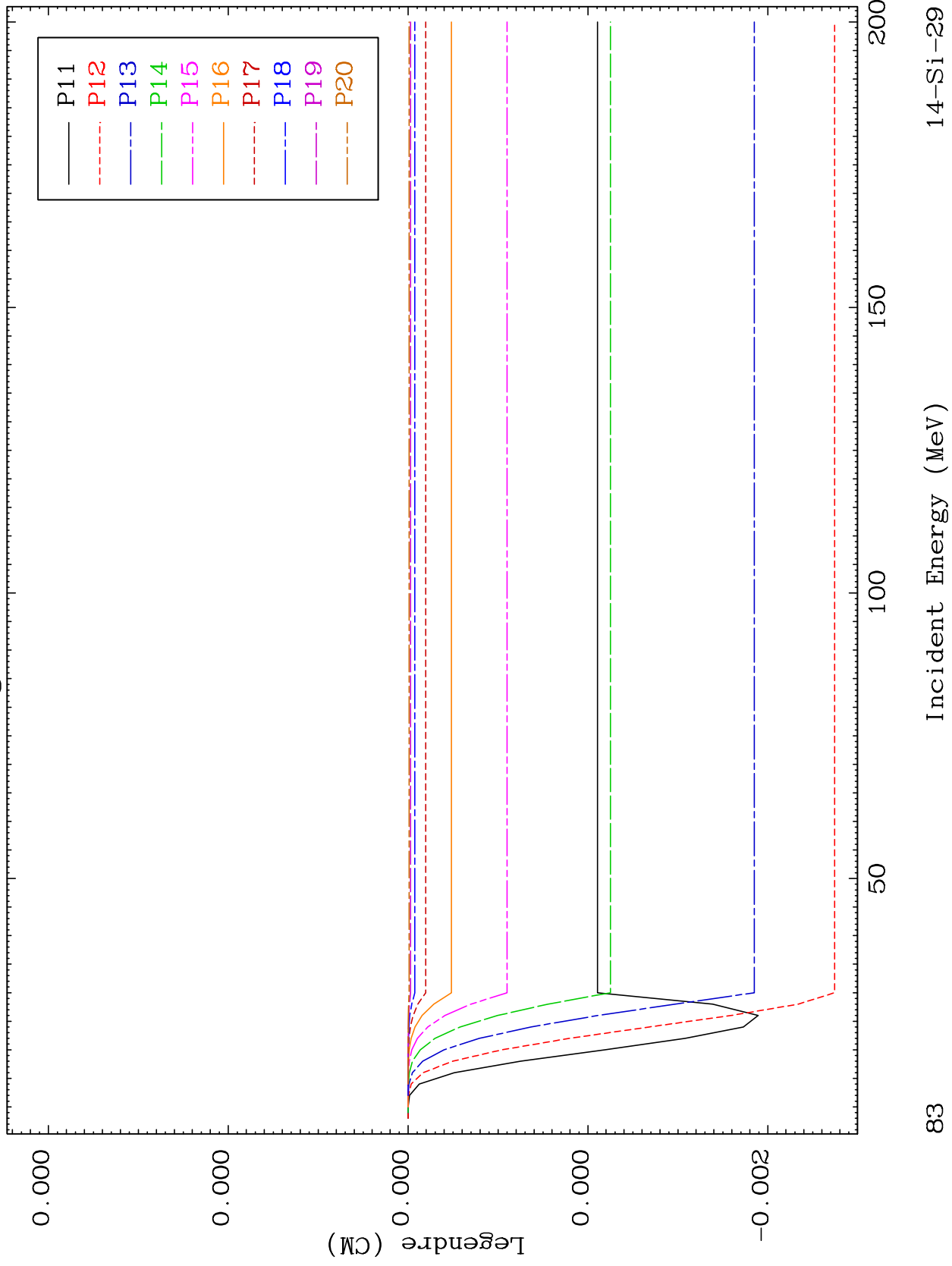
Incident Energy (MeV)

14-Si-29

MAT 1428

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

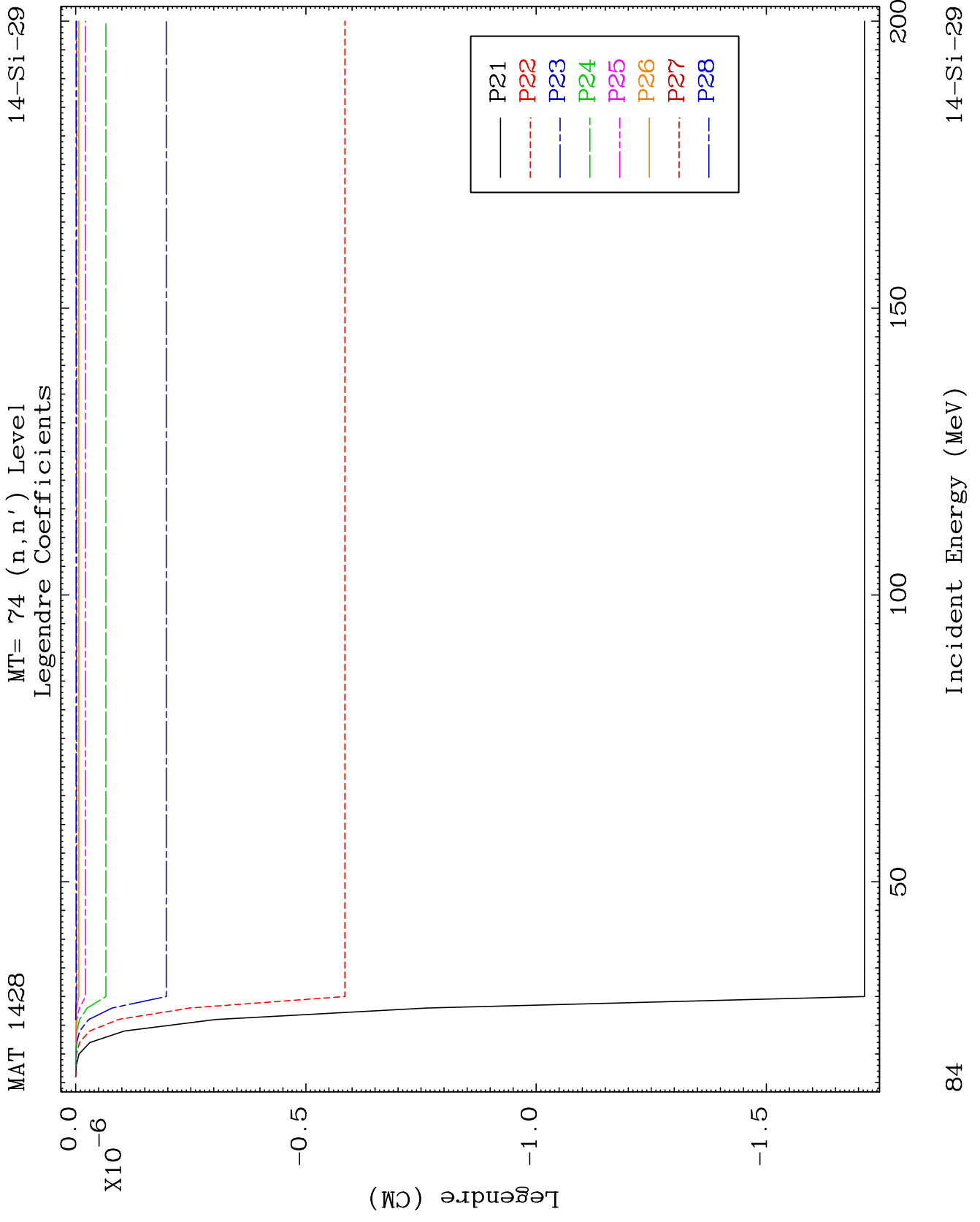
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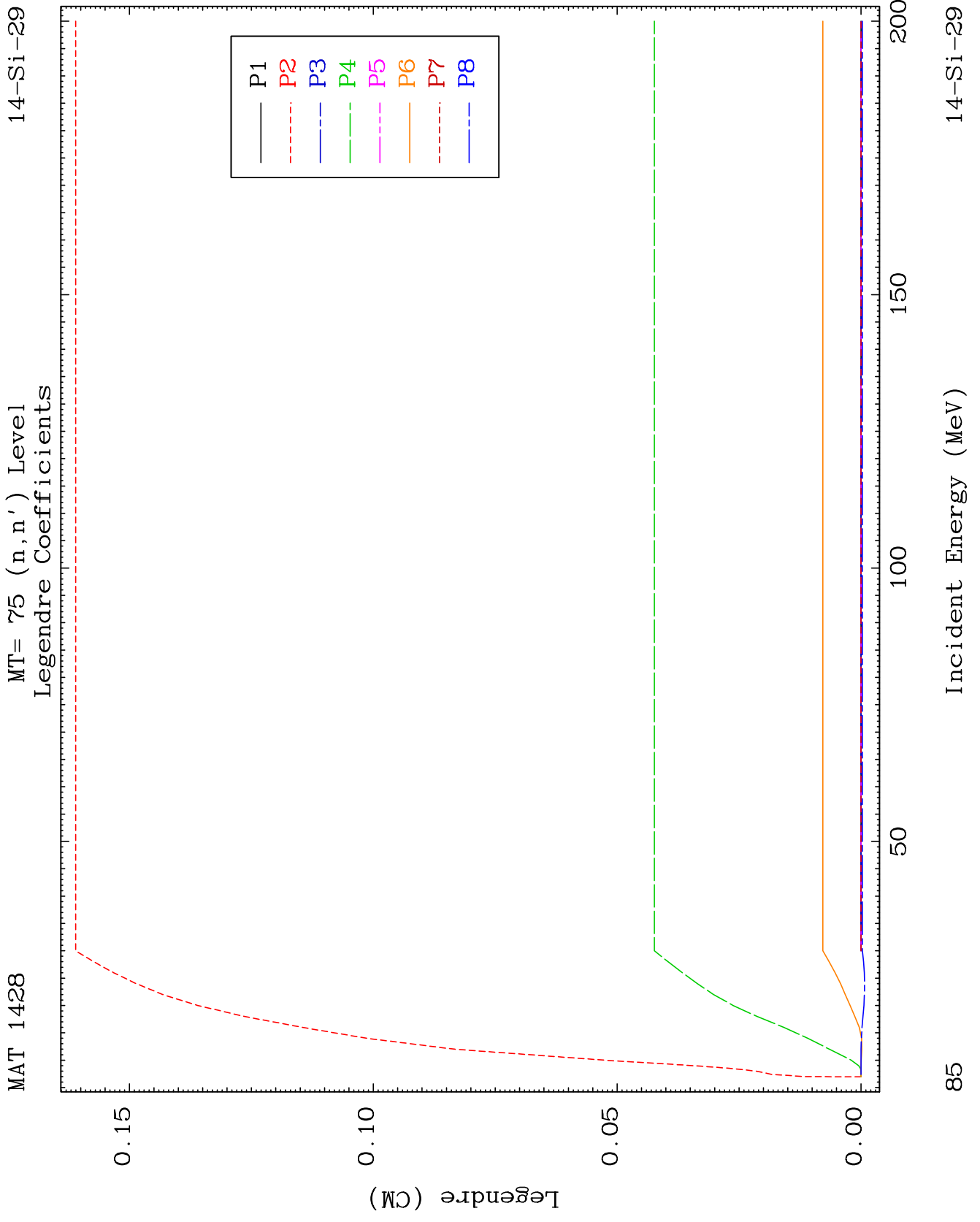


83

Incident Energy (MeV)

14-Si-29

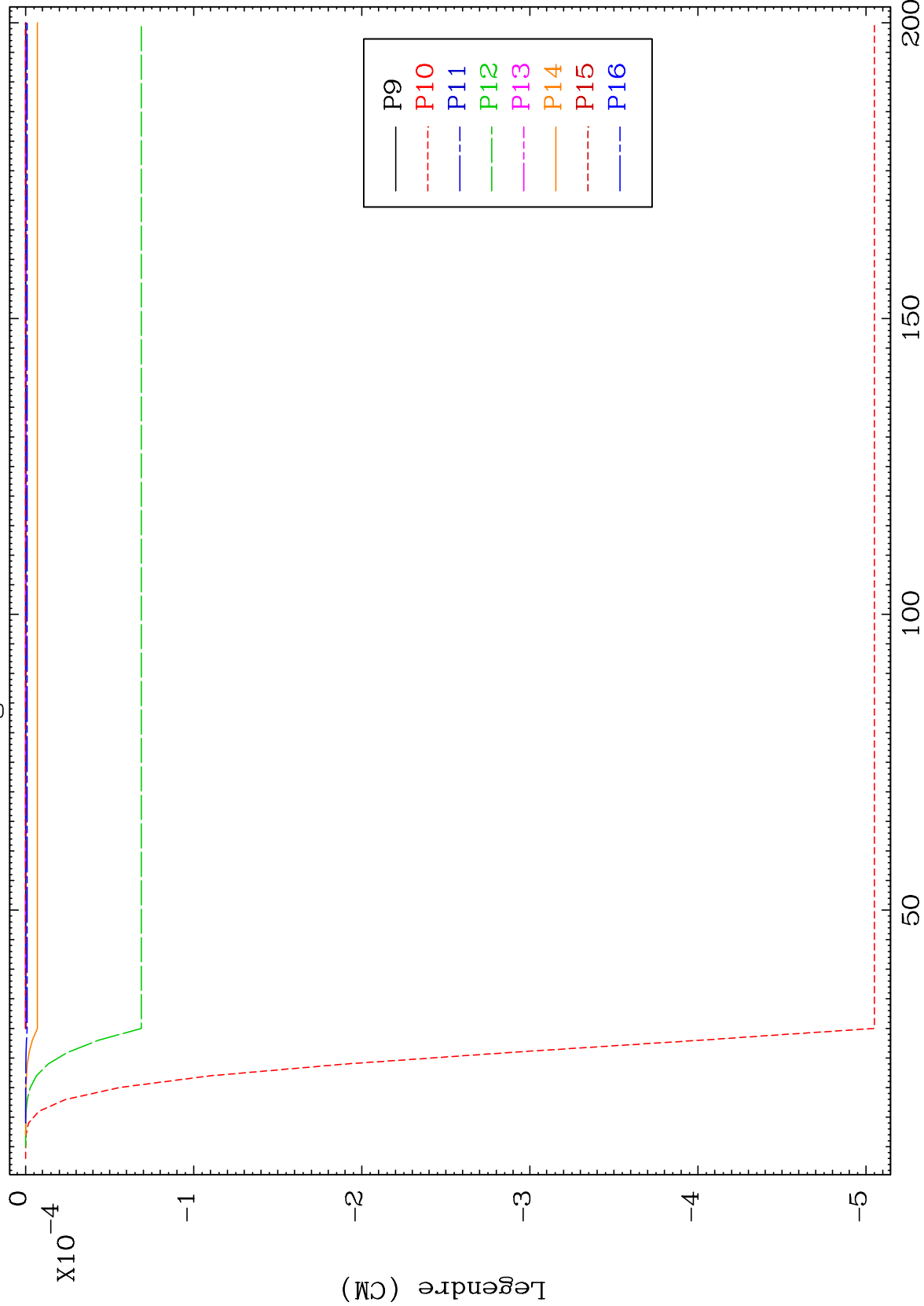




MAT 1428

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

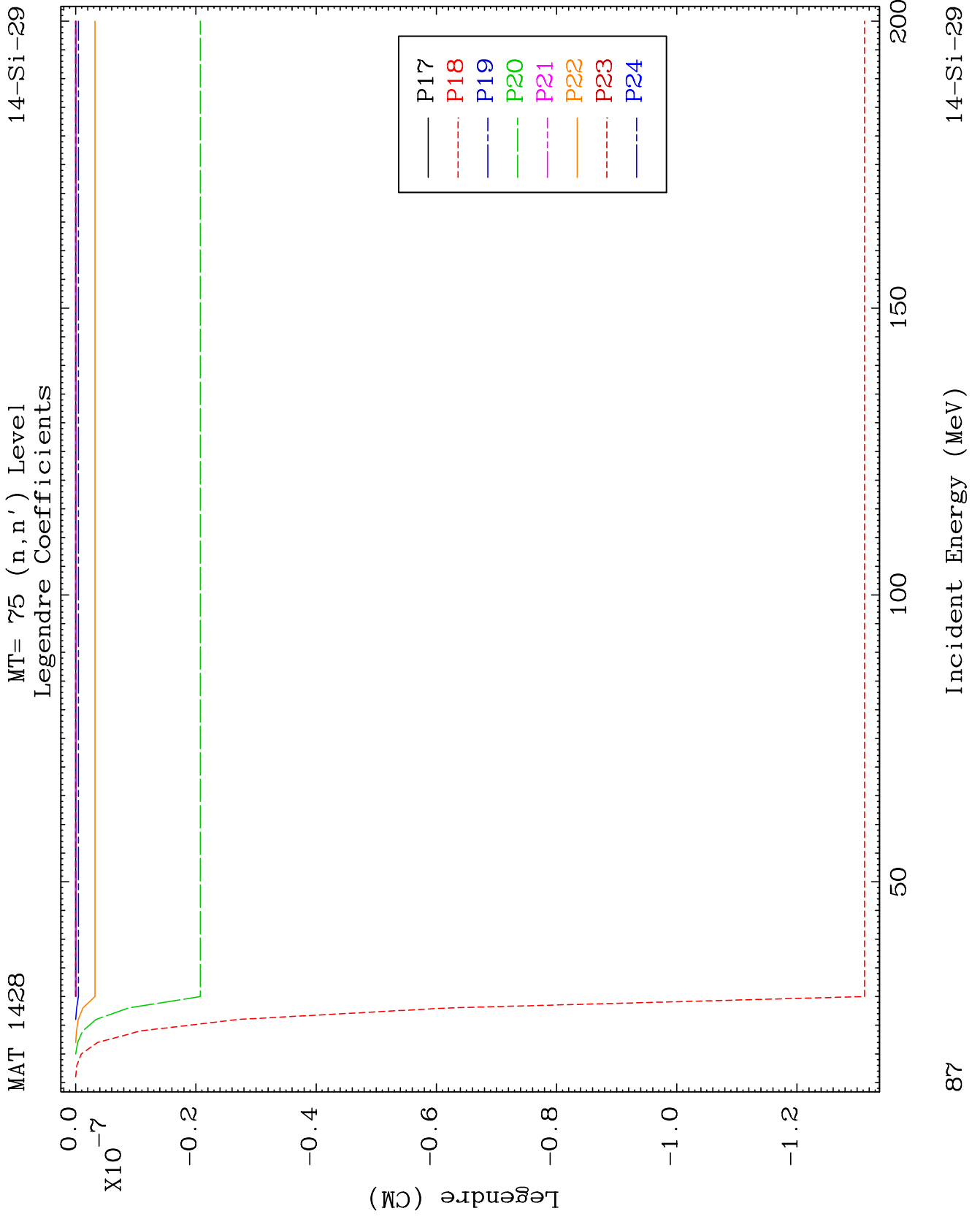
14-Si-29



86

Incident Energy (MeV)

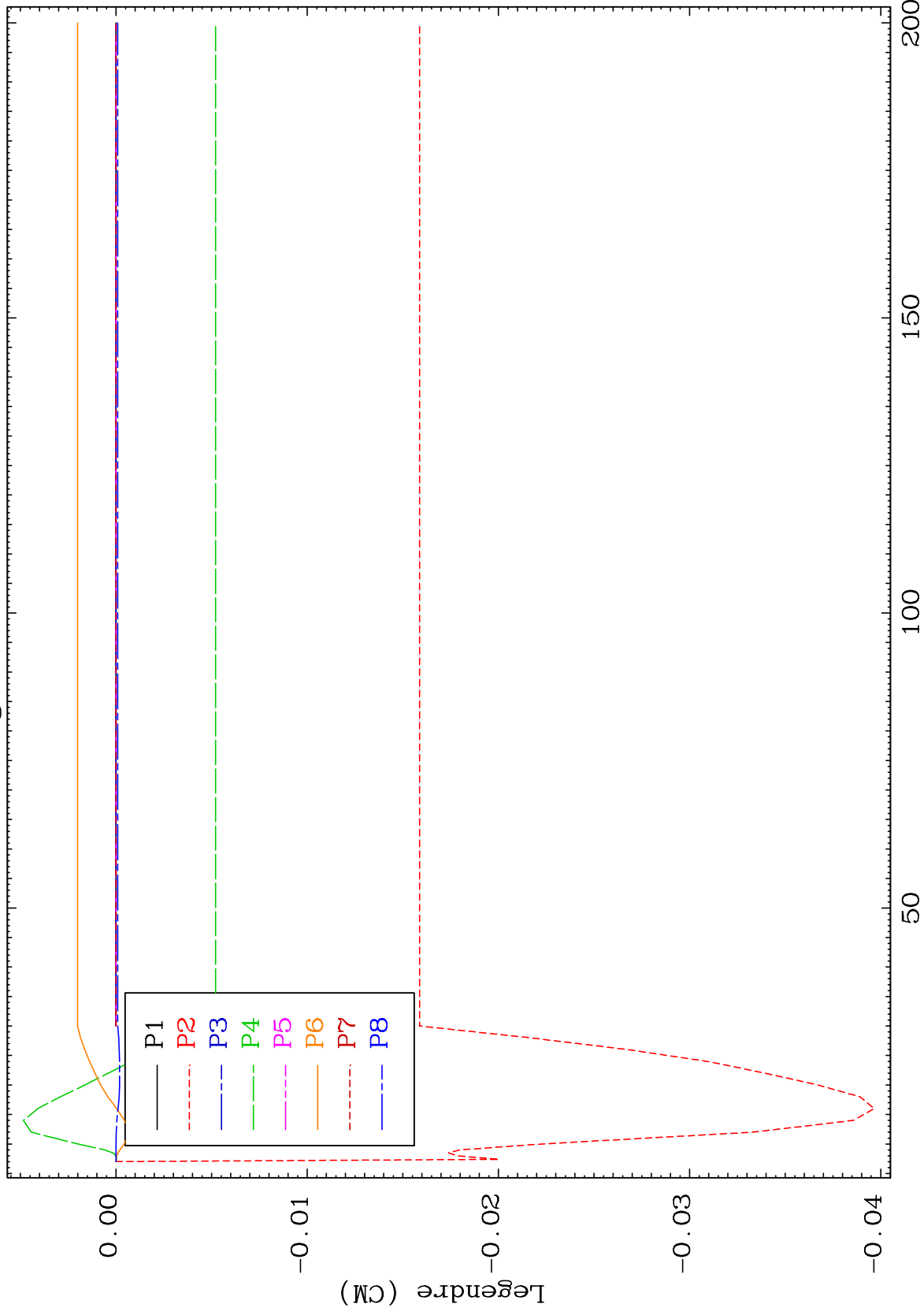
14-Si-29



MAT 1428

14-Si-29

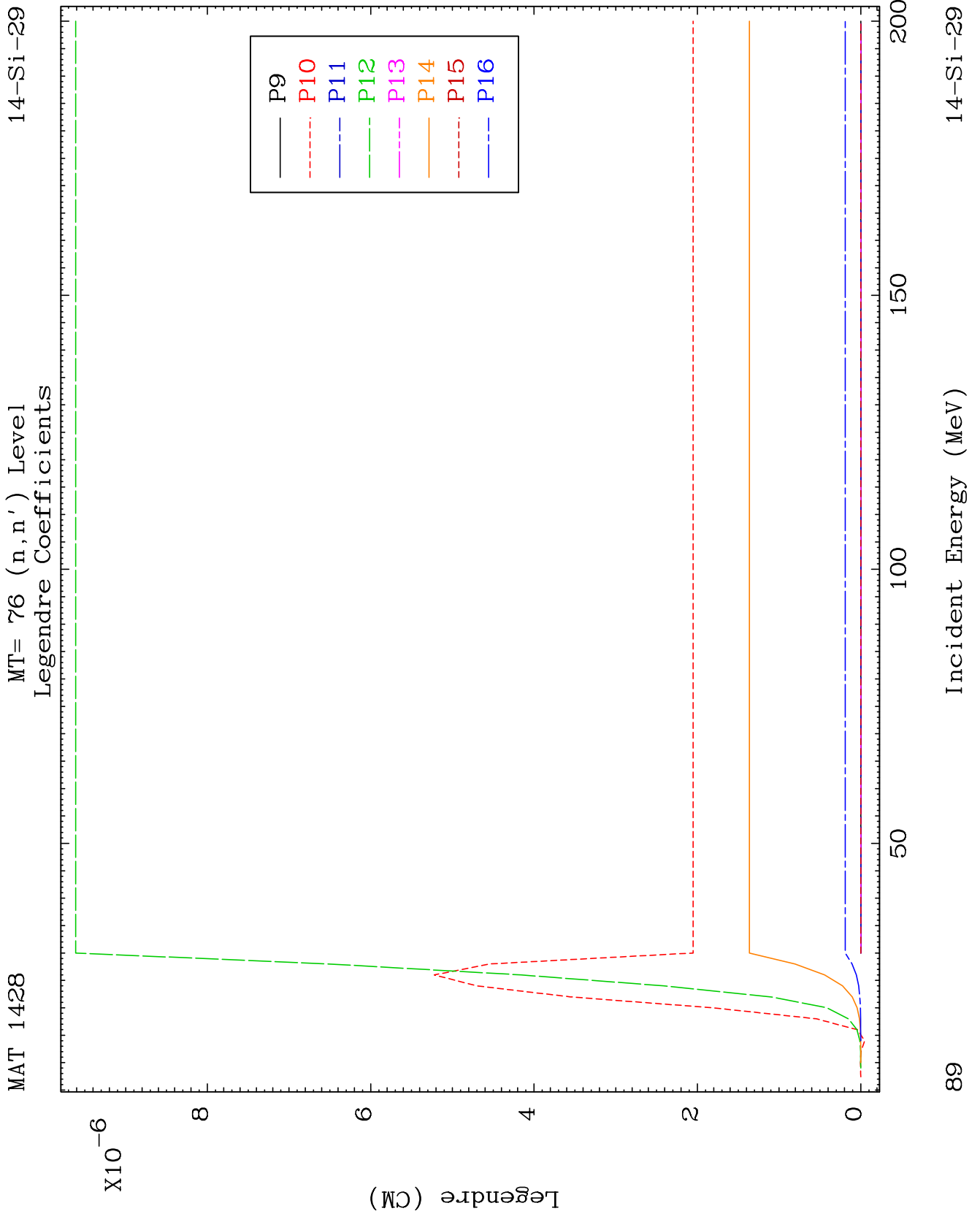
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Legendre Coefficients

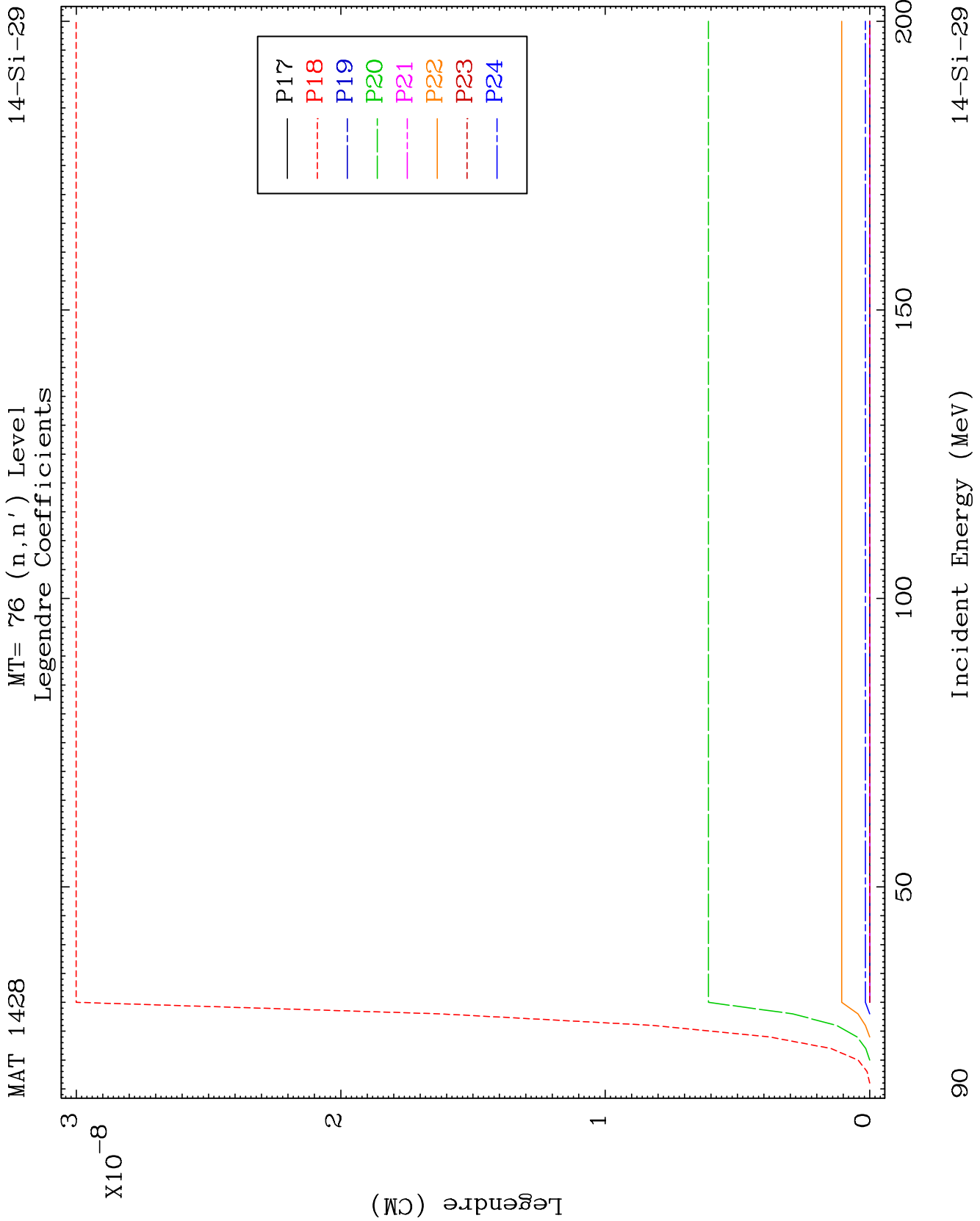


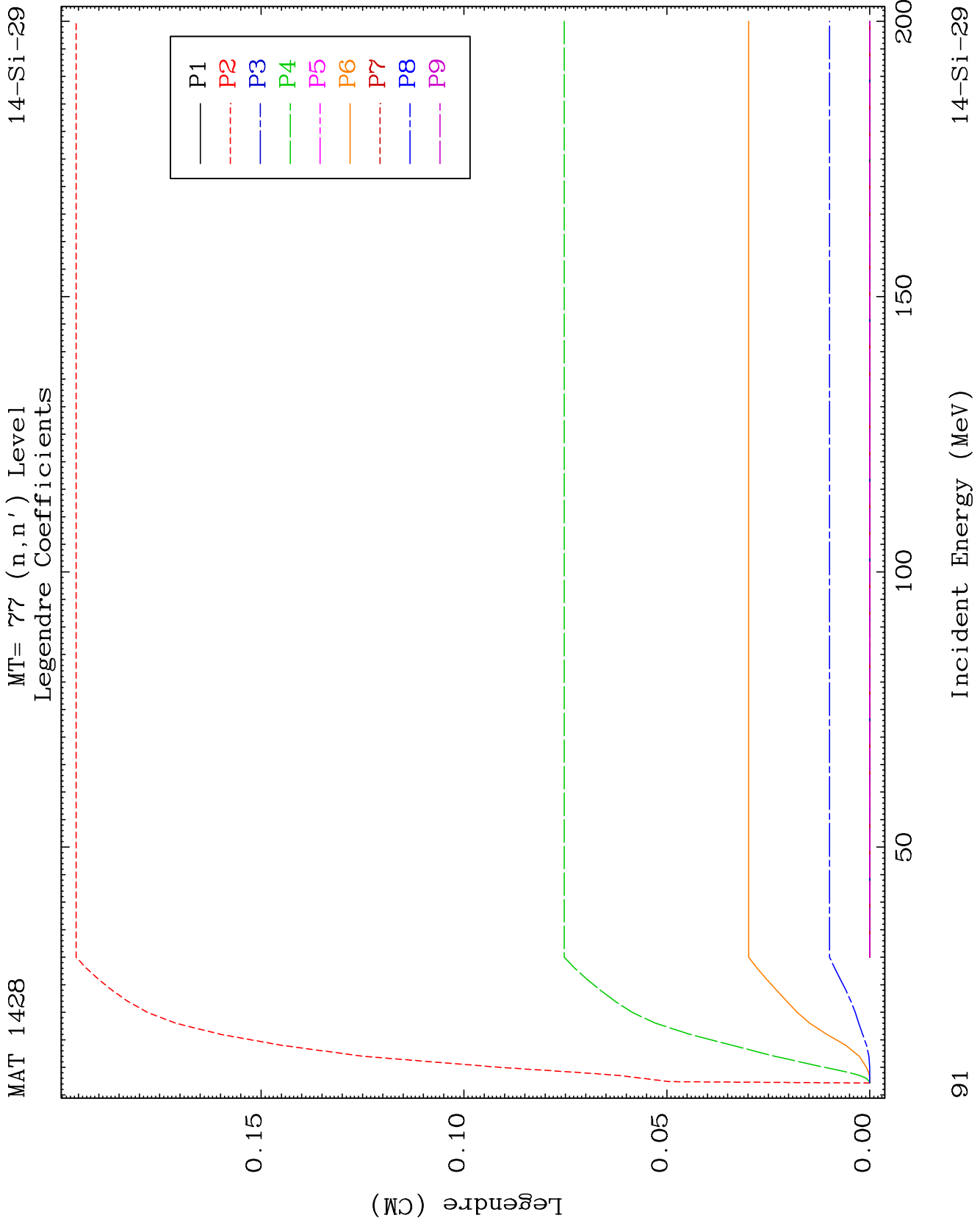
88

Incident Energy (MeV)

14-Si-29



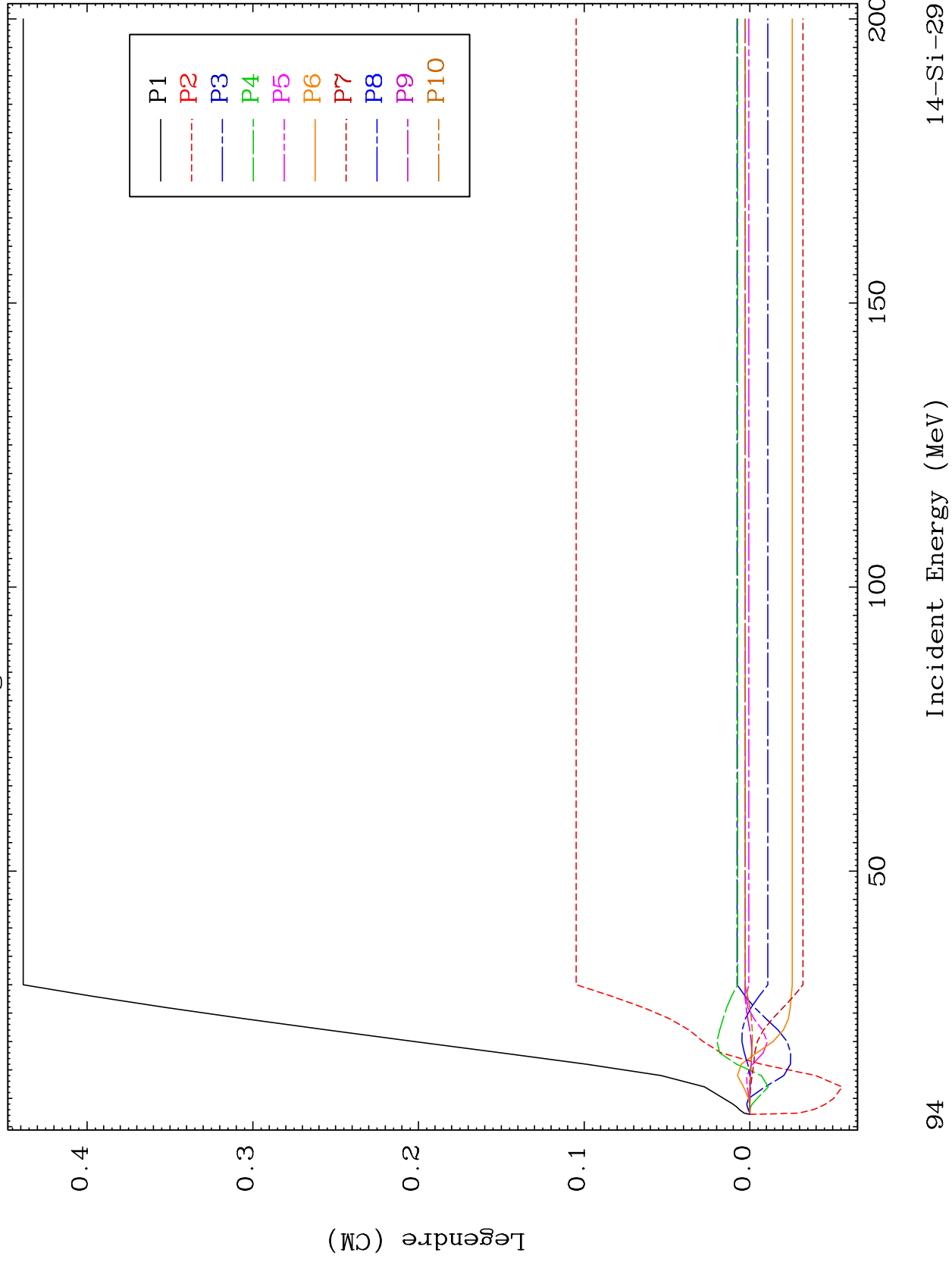




MAT 1428

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

¹⁴Si-29



94

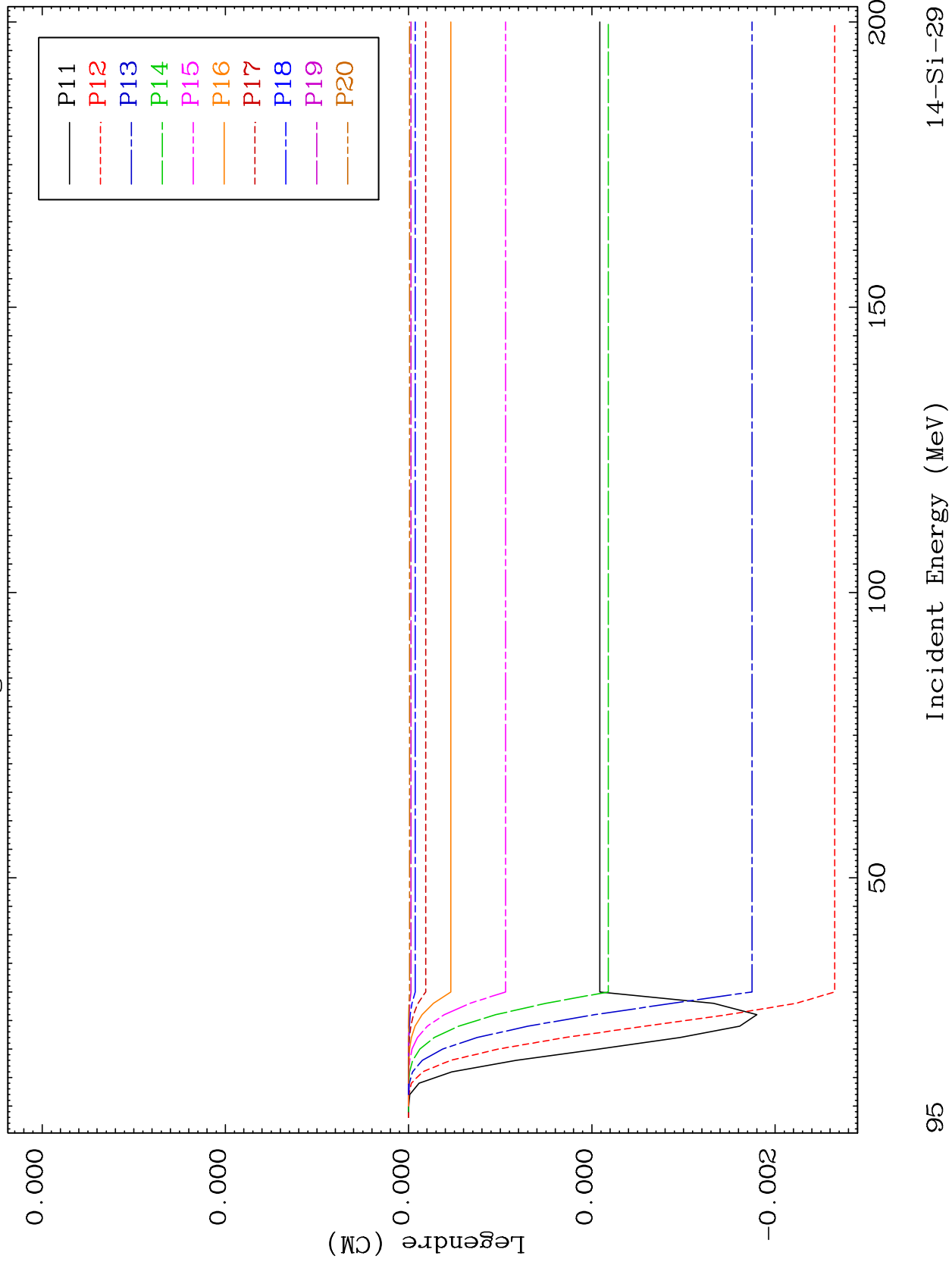
Incident Energy (MeV)

¹⁴Si-29

MAT 1428

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

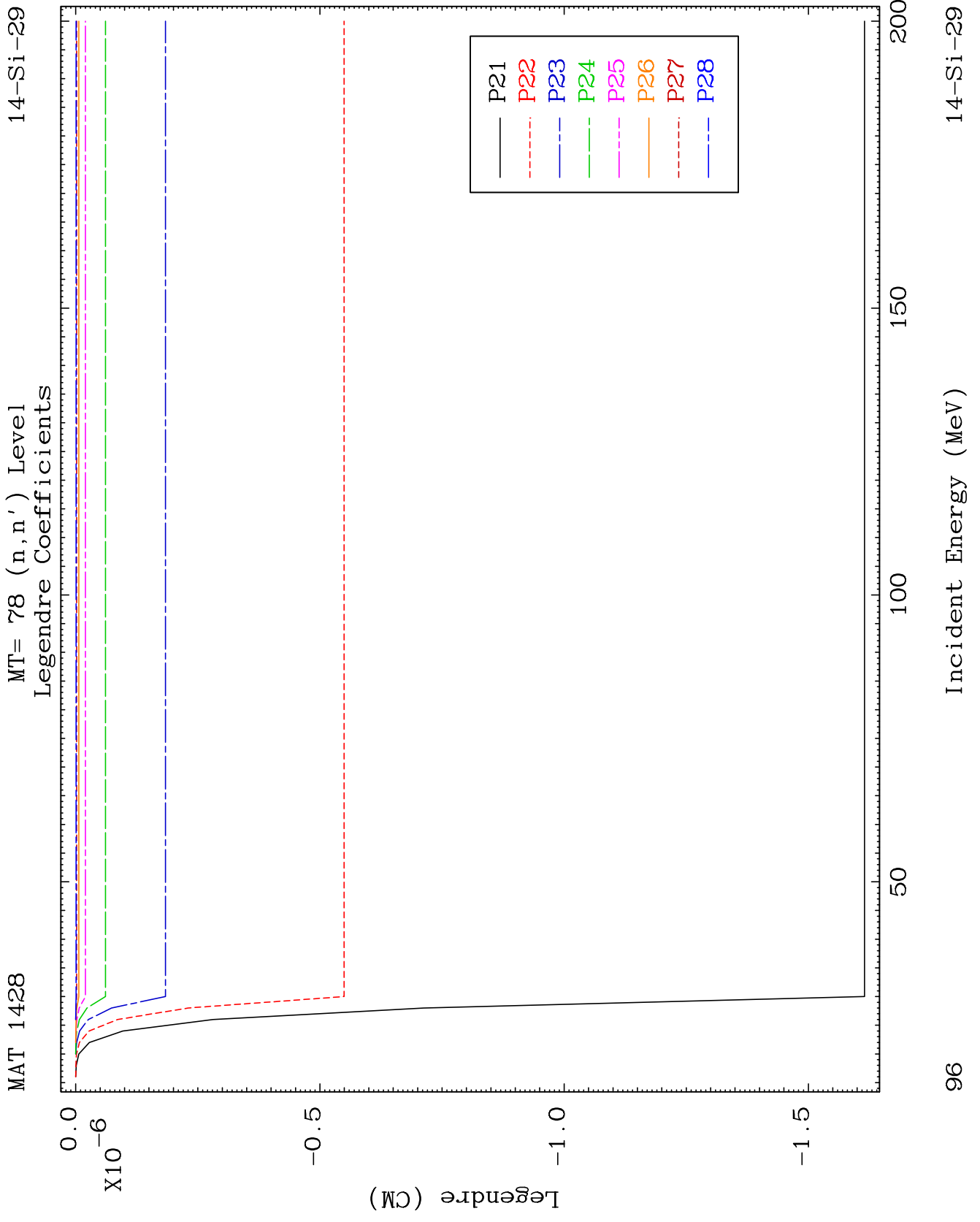
14-Si-29



95

Incident Energy (MeV)

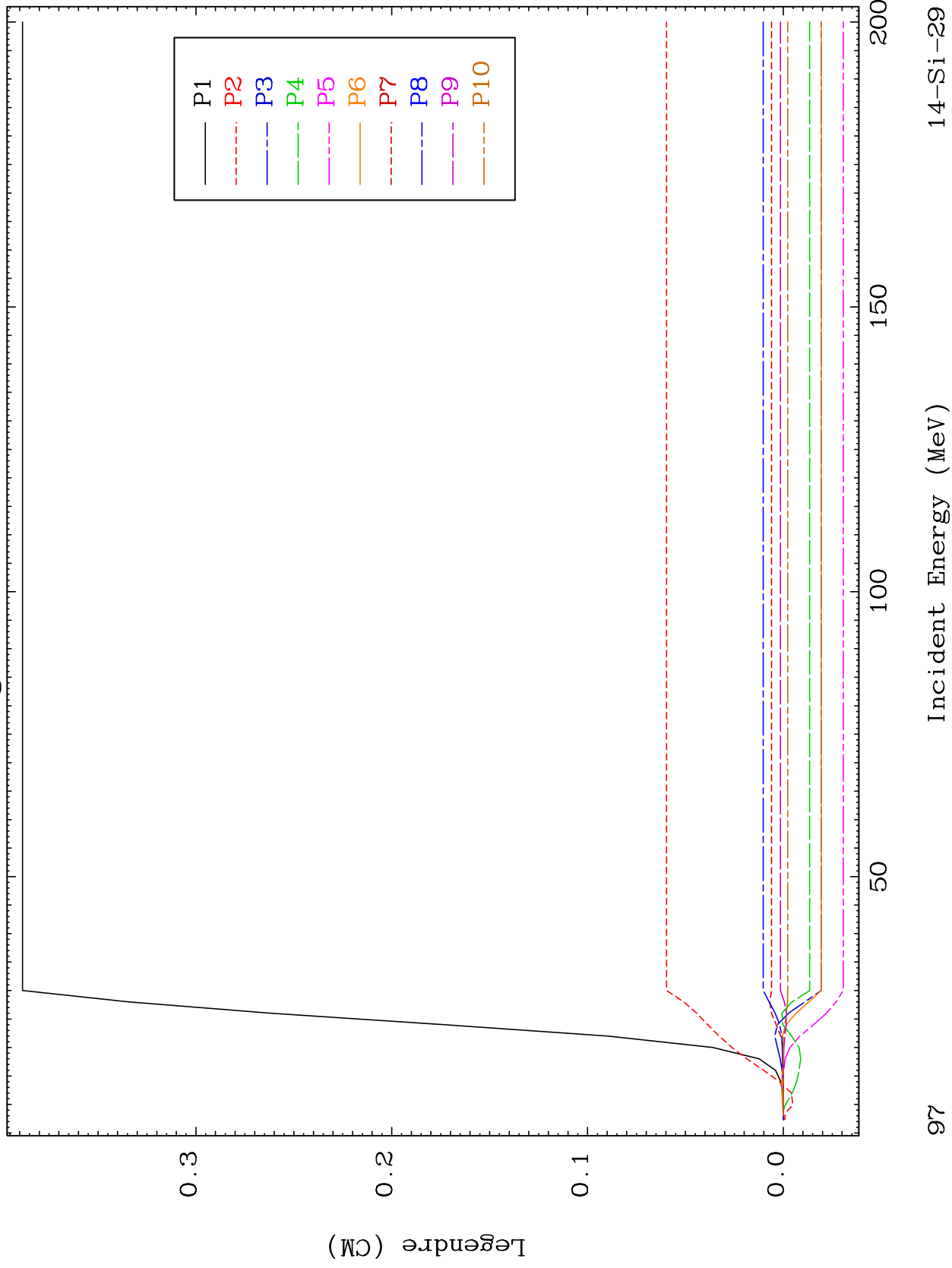
14-Si-29

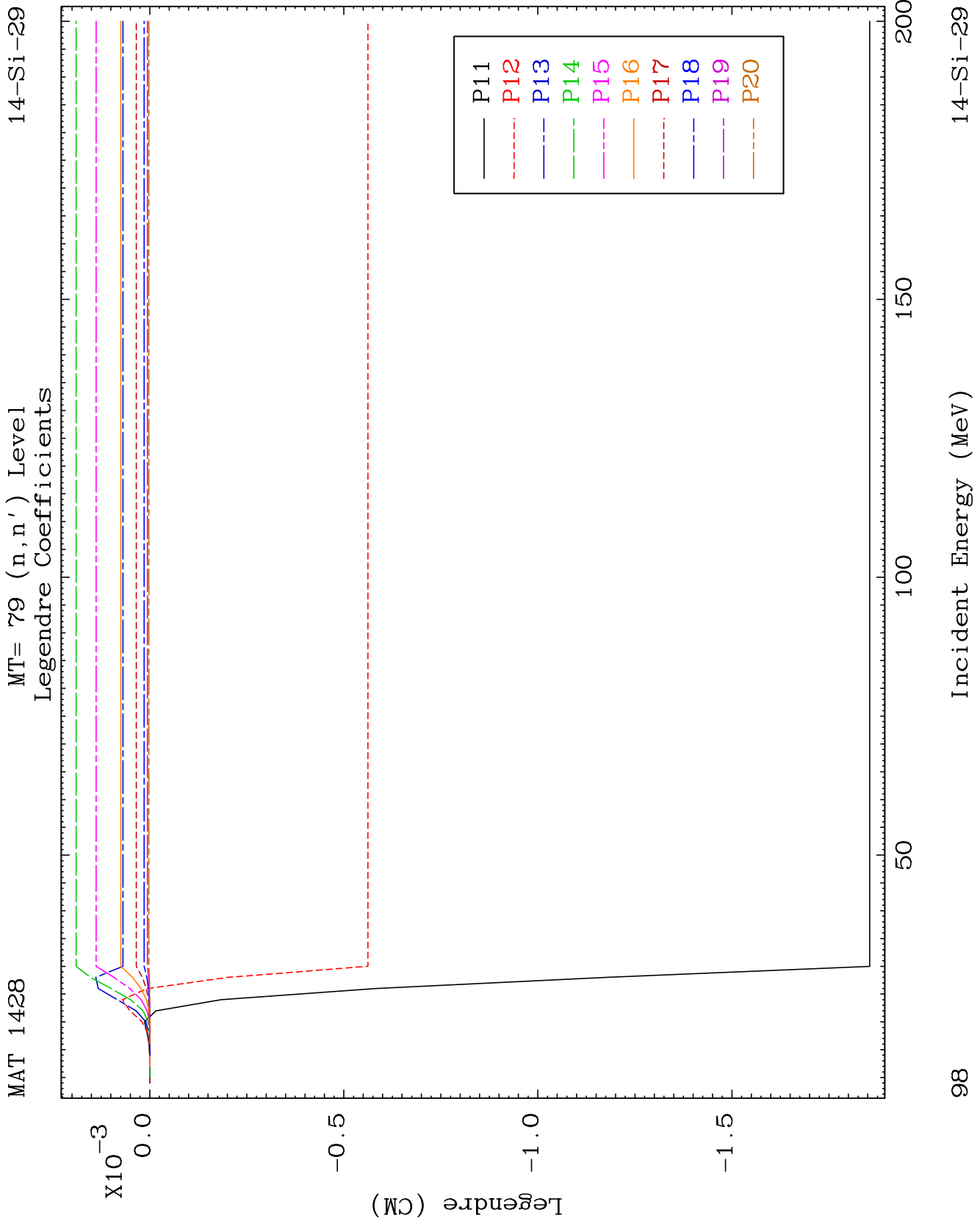


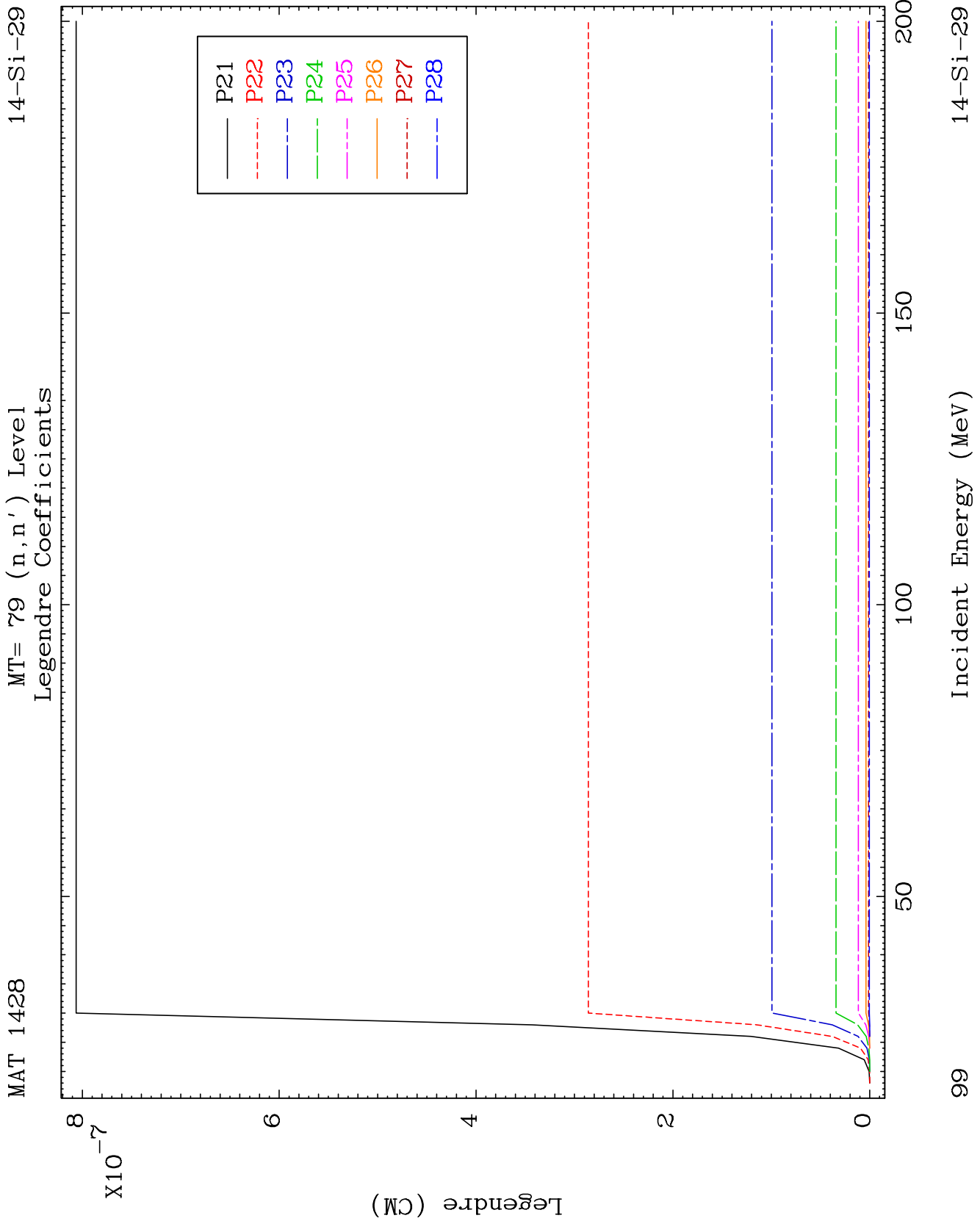
MAT 1428

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

14-Si-29





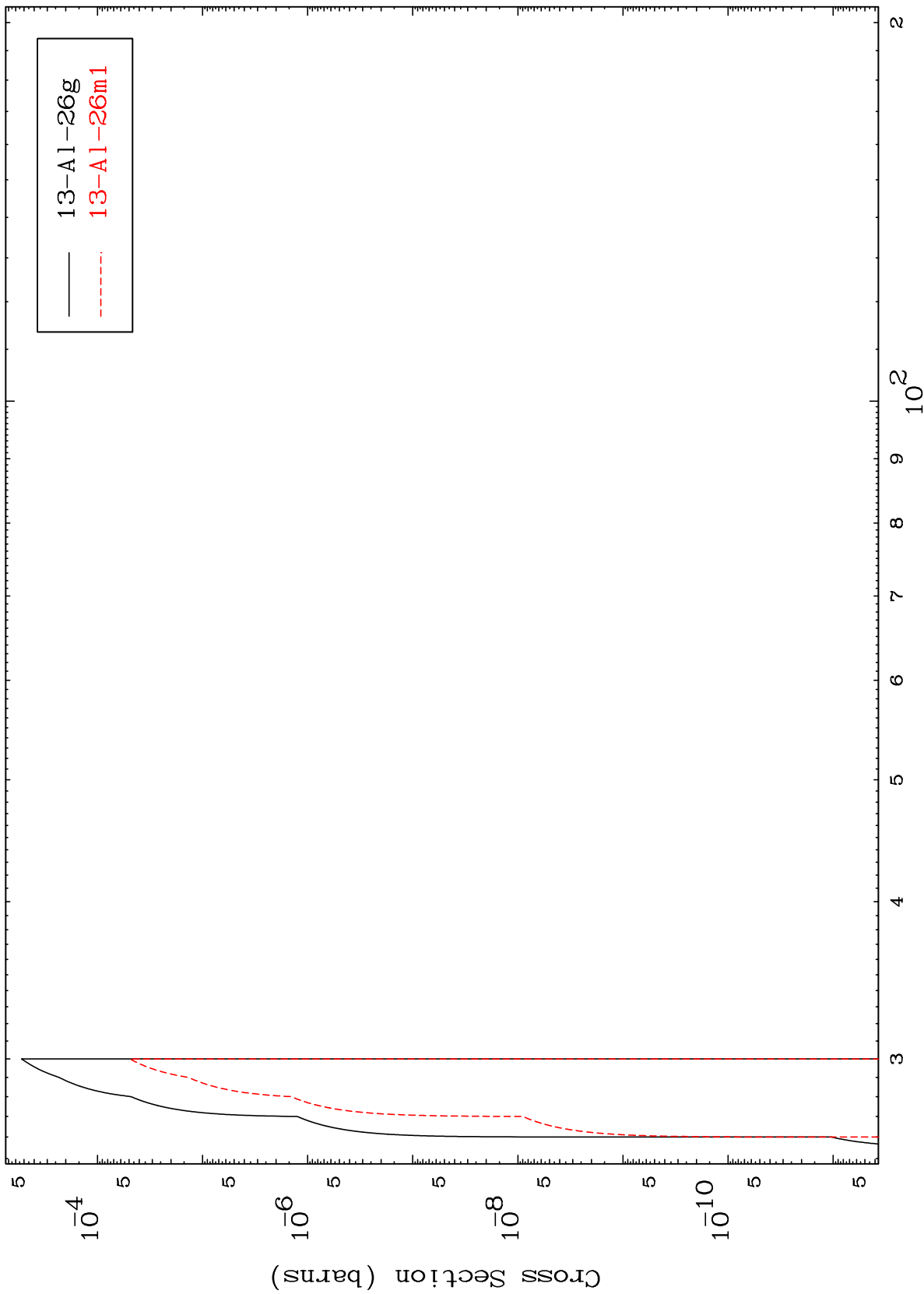


MAT 1428

(n,n') t

14-Si-29

Radionuclide Production Cross Section



100

Incident Energy (MeV)

14-Si-29