

Program EVALPLOT
(Version 2017-1)

by

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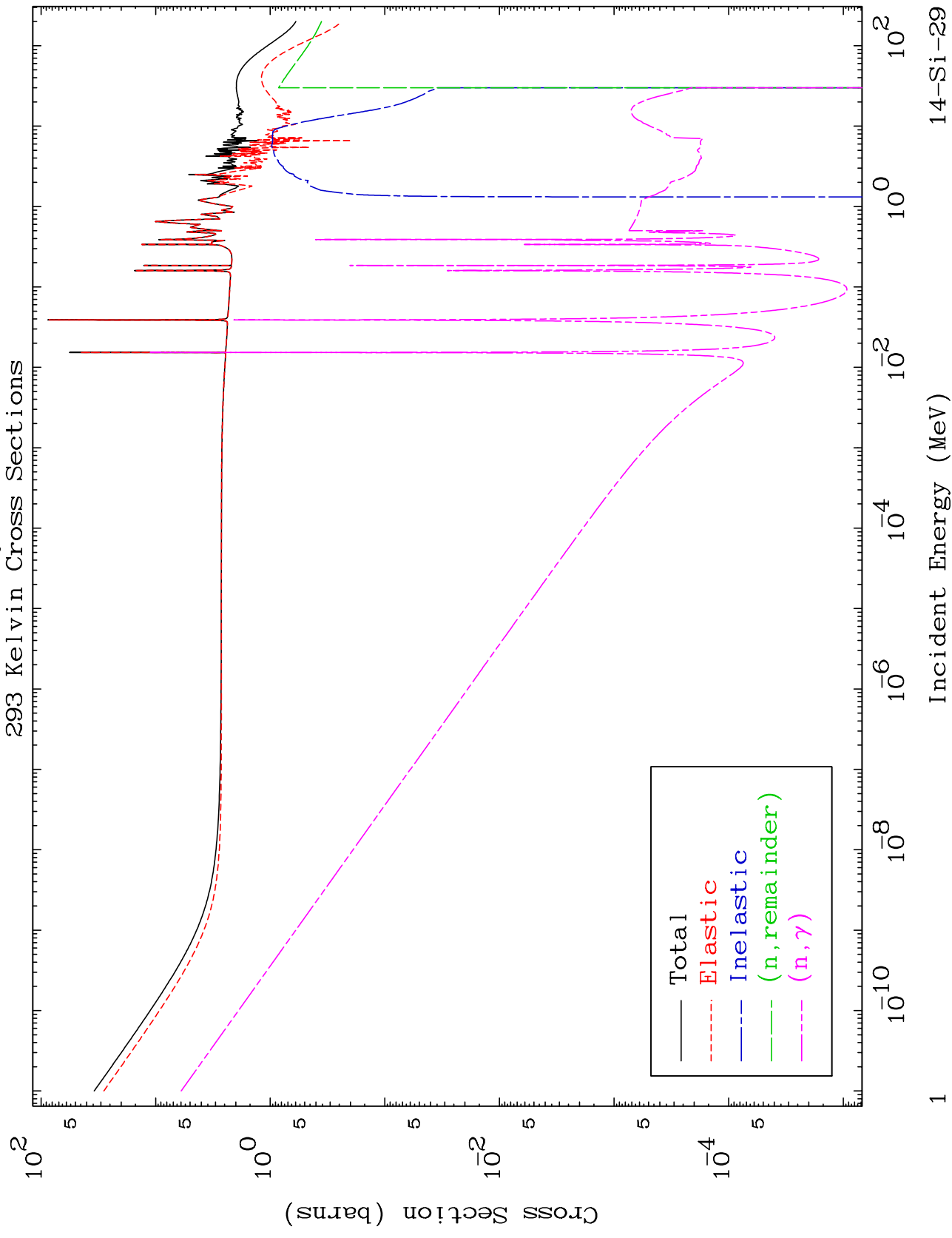
Press Mouse Button to Start

MAT 1428

Major

293 Kelvin Cross Sections

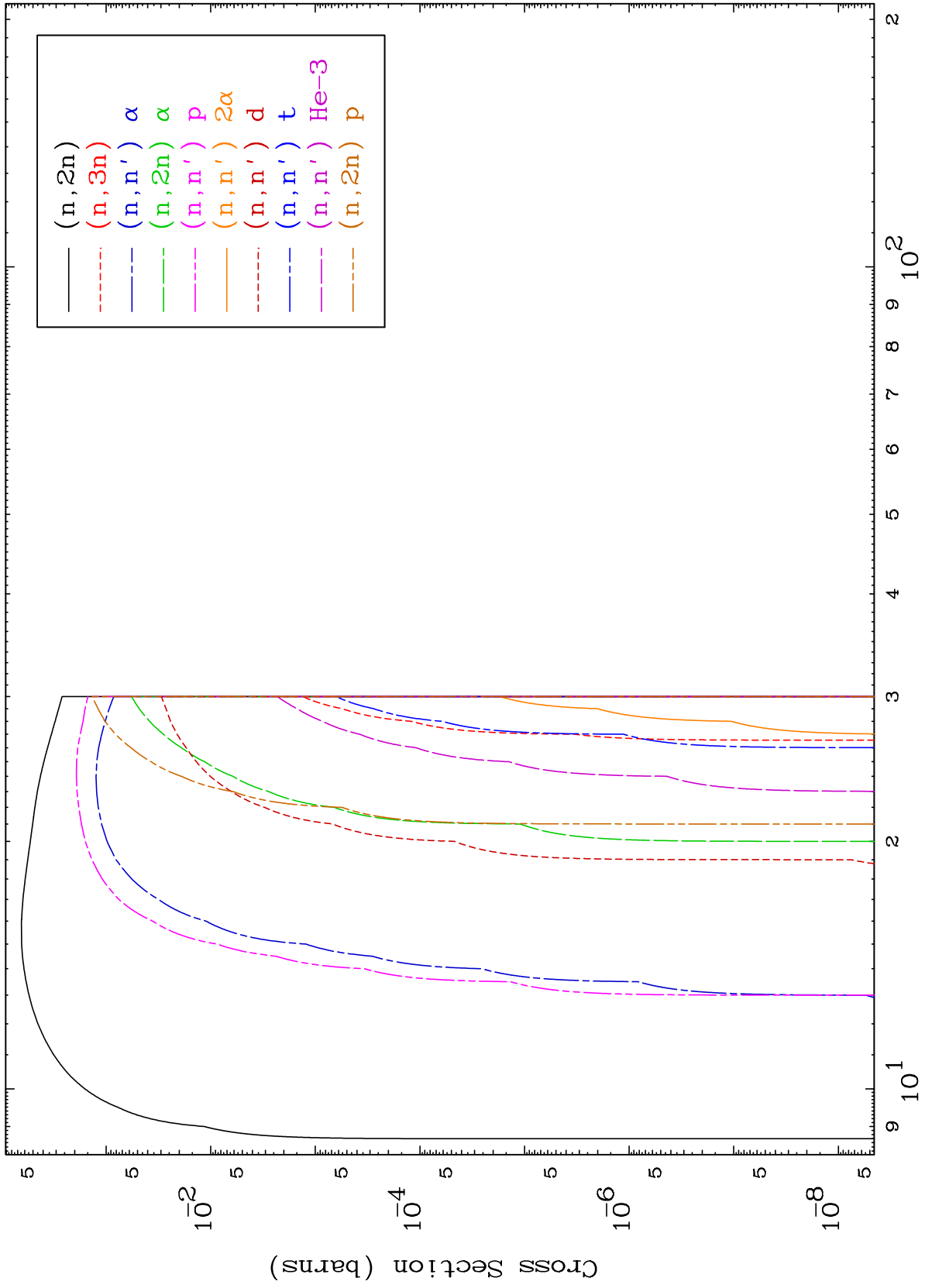
14-Si-29



MAT 1428

Neutron Production
293 Kelvin Cross Sections

14-Si-29



2

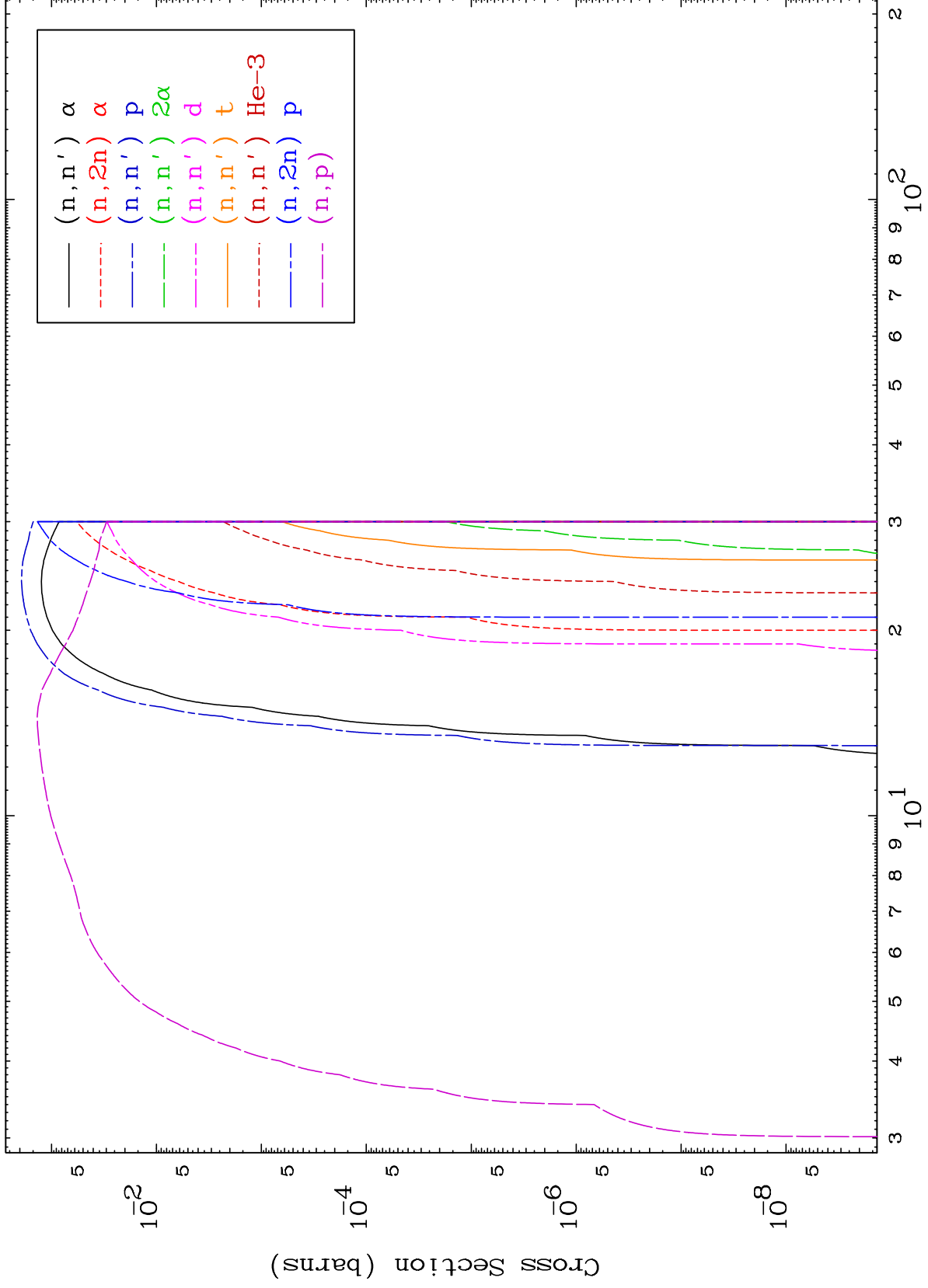
Incident Energy (MeV)

14-Si-29

MAT 1428

Charged Particle
293 Kelvin Cross Sections

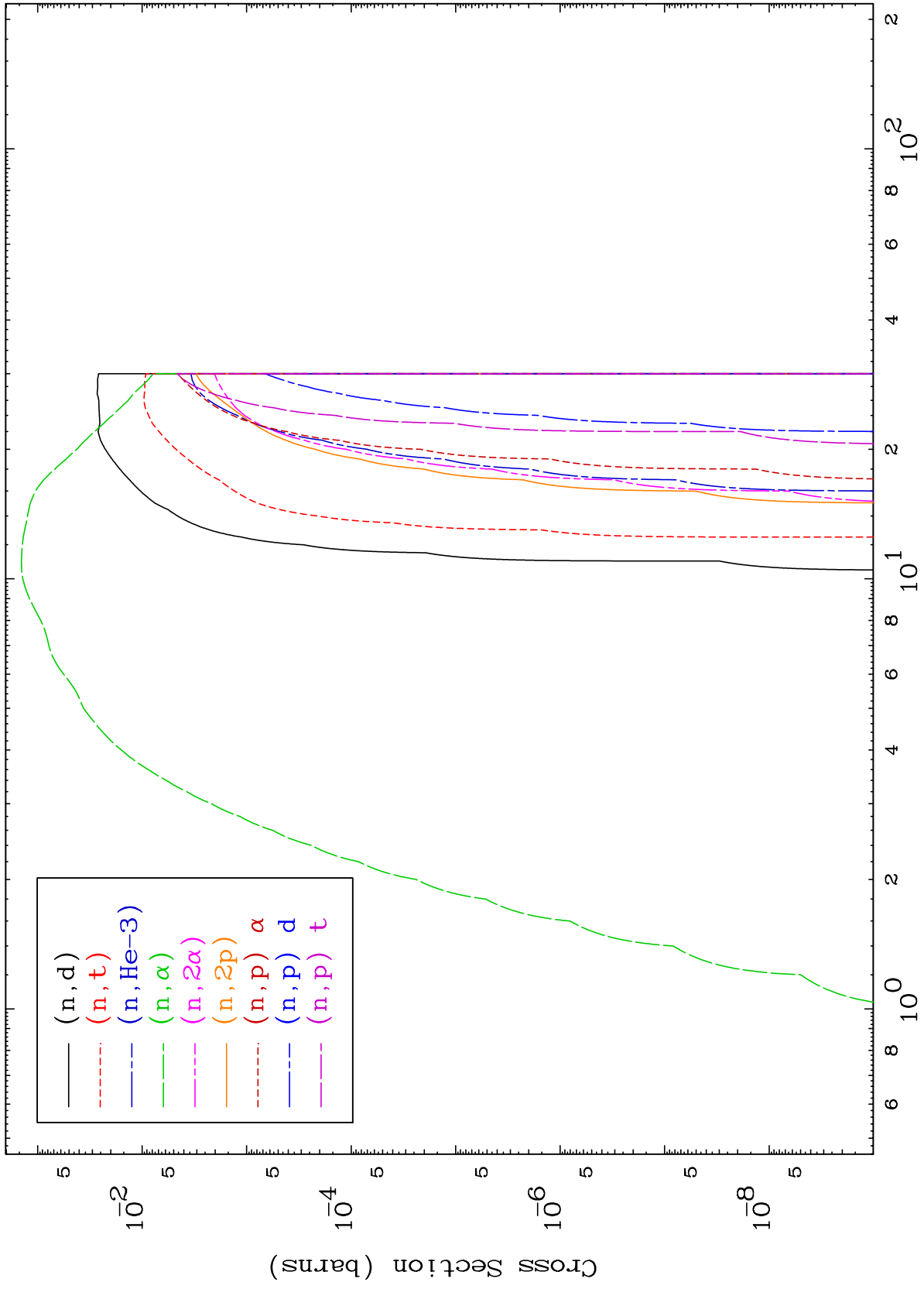
14-Si-29

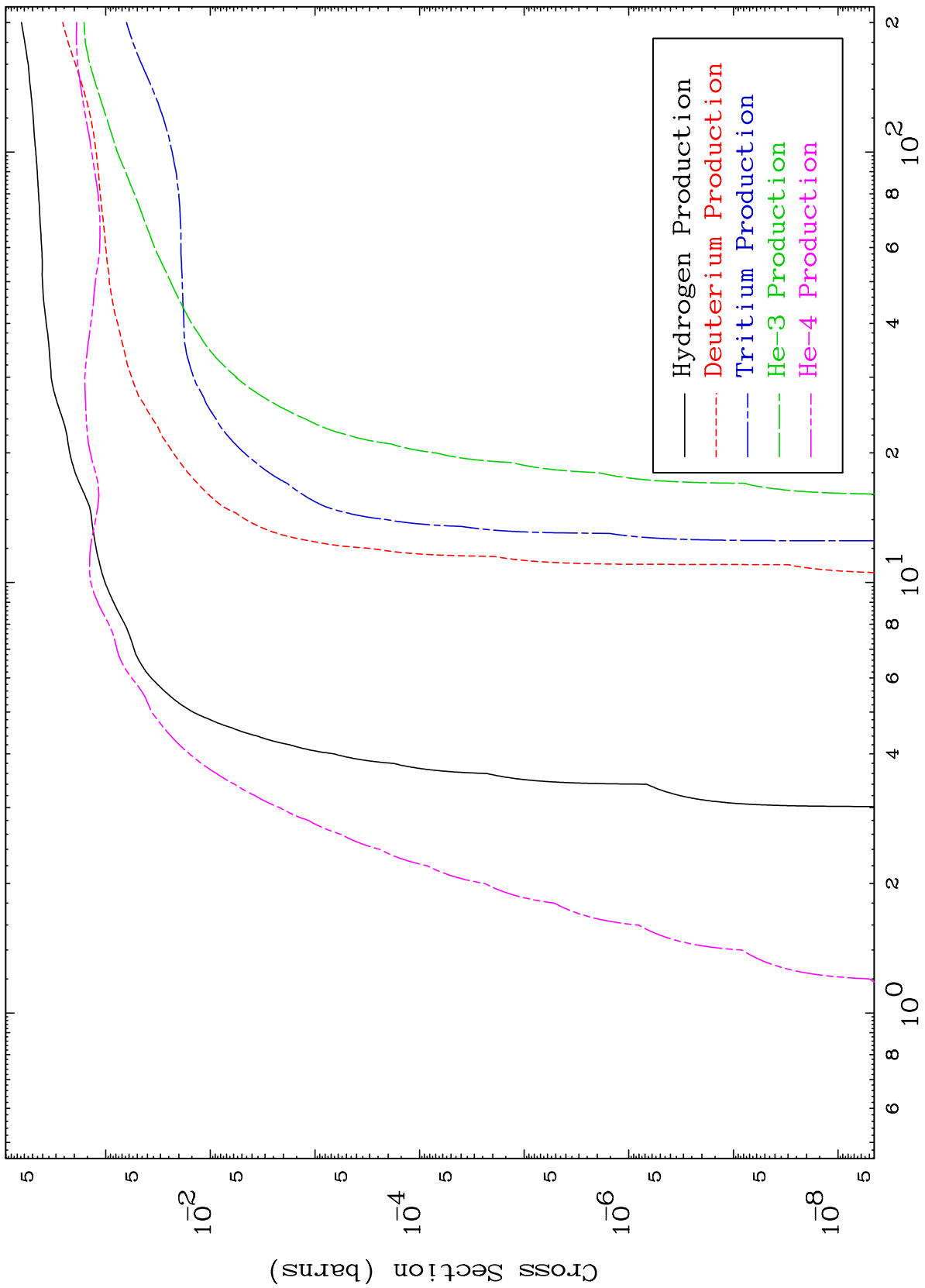


3

Incident Energy (MeV)

14-Si-29



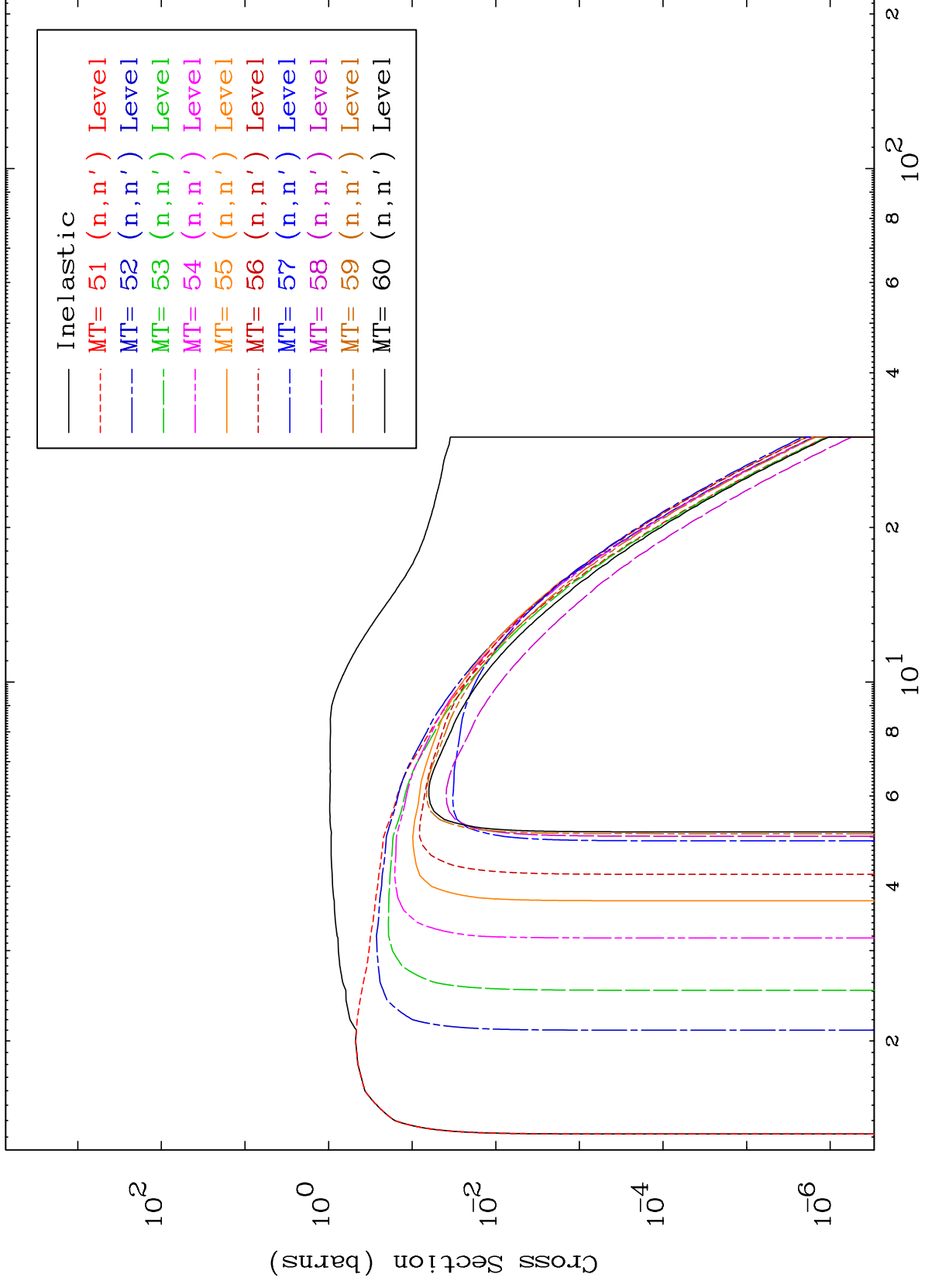


MAT 1428

(n,n') Level

14-Si-29

293 Kelvin Cross Sections



6

Incident Energy (MeV)

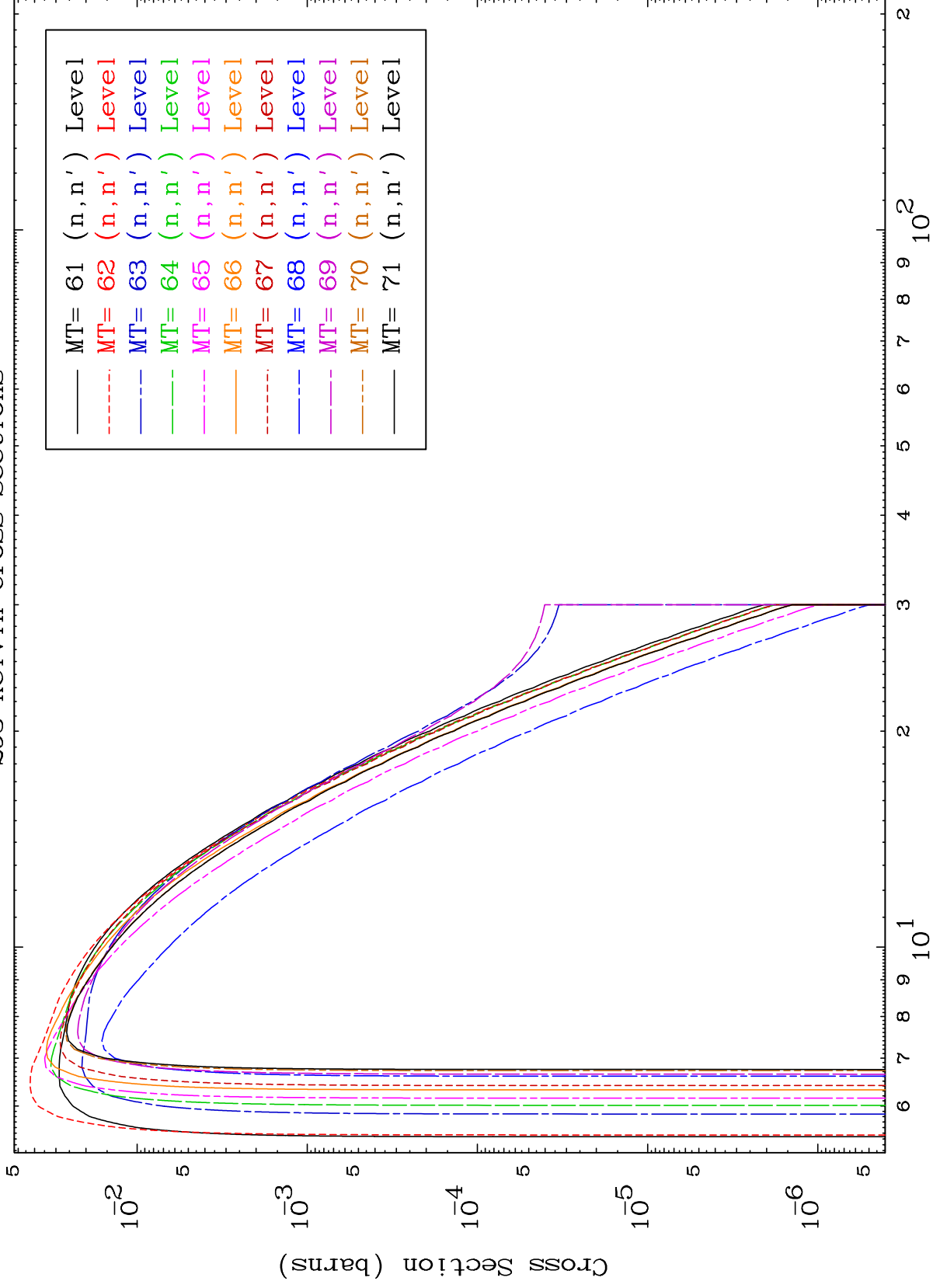
14-Si-29

MAT 1428

(n,n') Level

14-Si-29

293 Kelvin Cross Sections



7

Incident Energy (MeV)

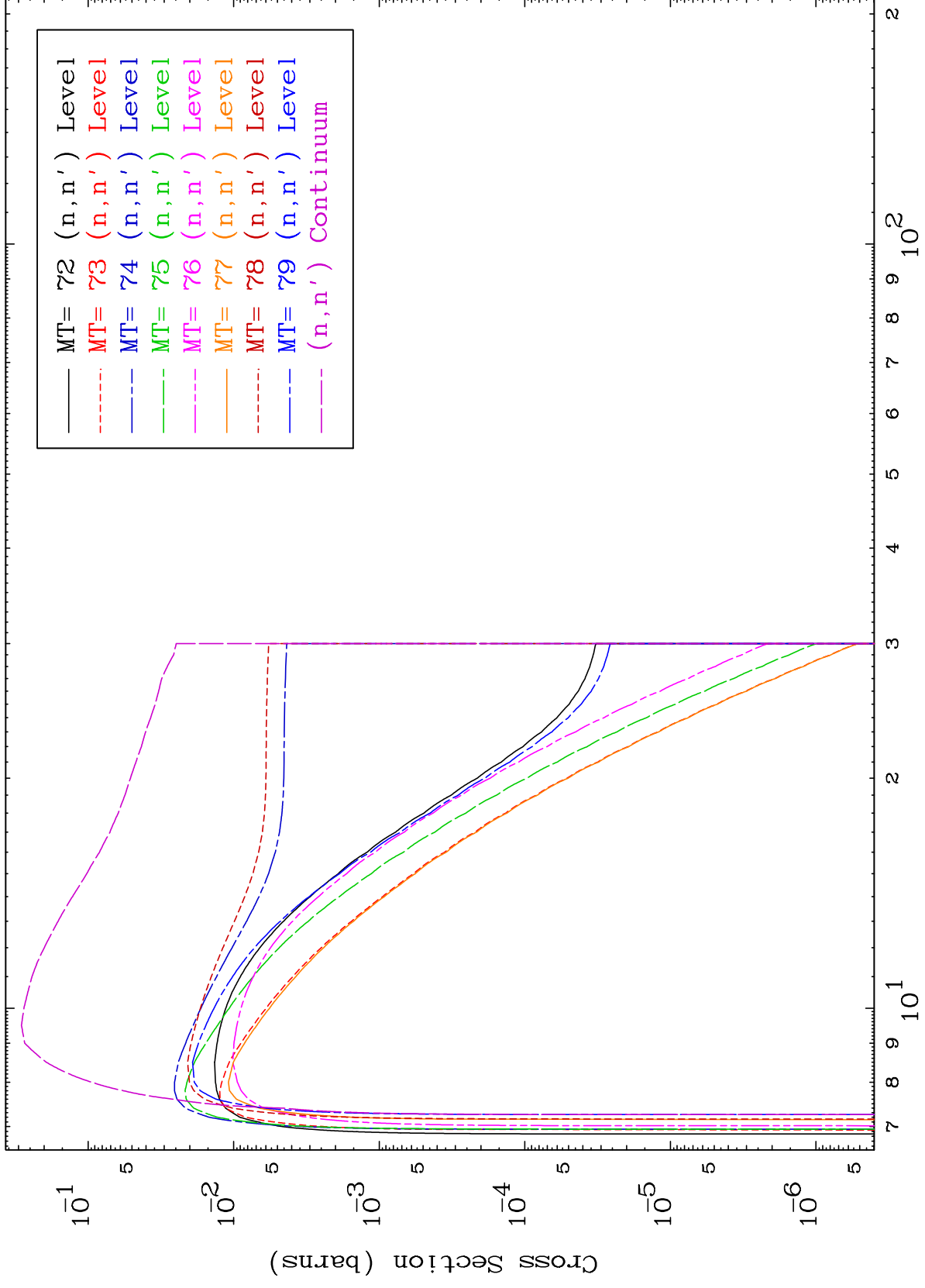
14-Si-29

MAT 1428

(n,n') Level

14-Si-29

293 Kelvin Cross Sections



8

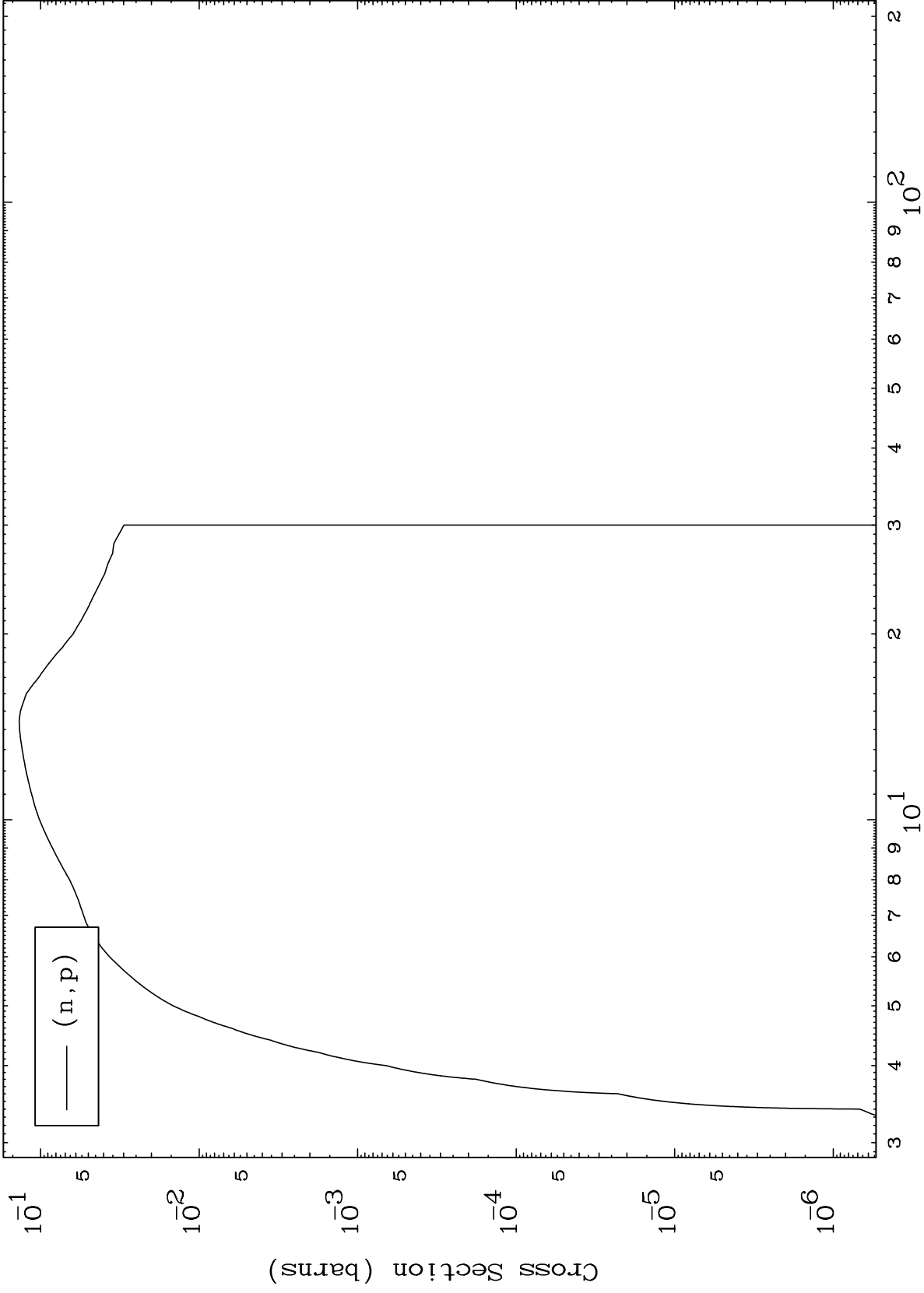
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,p) Levels
293 Kelvin Cross Sections

14-Si-29



9

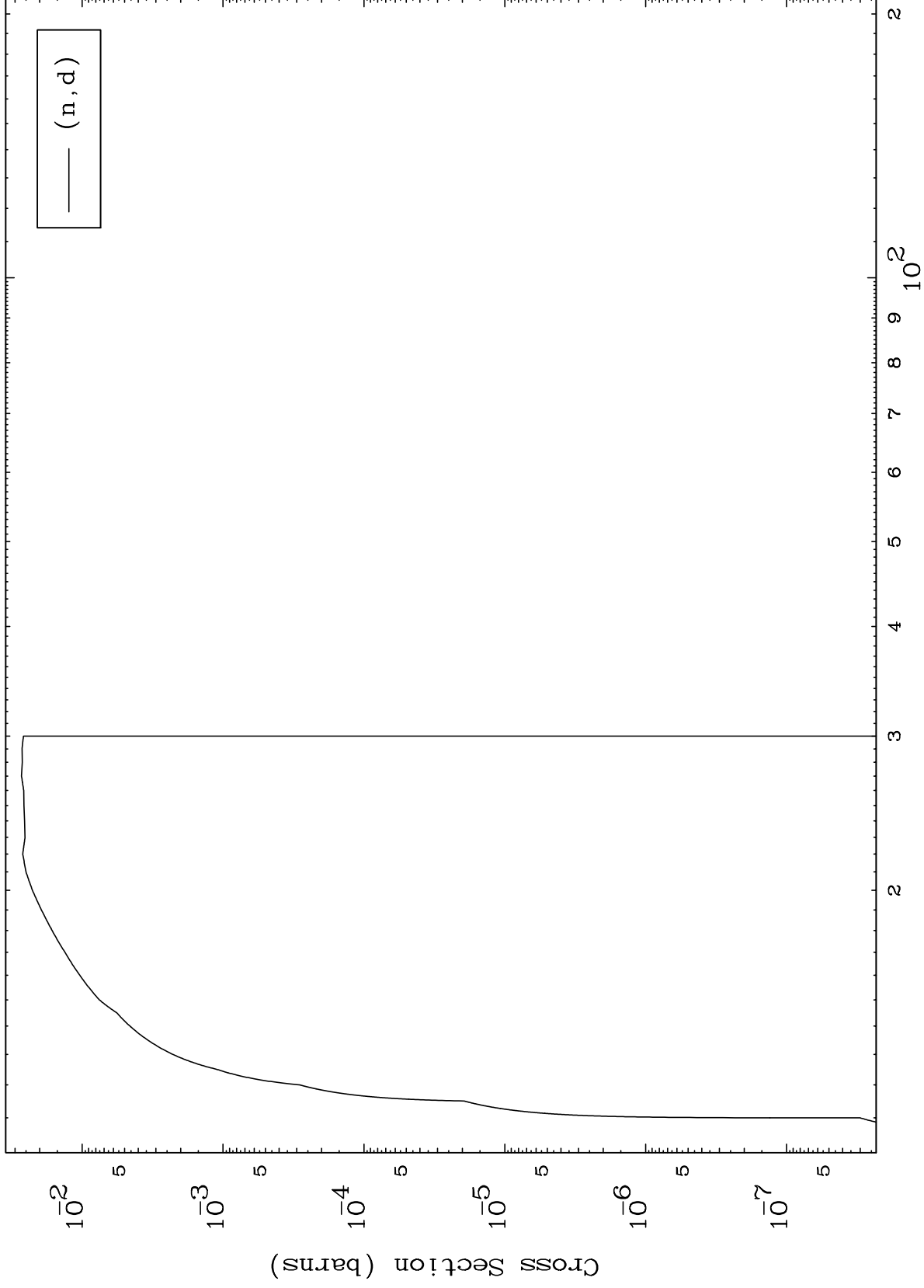
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,d) Levels
293 Kelvin Cross Sections

14-Si-29



10

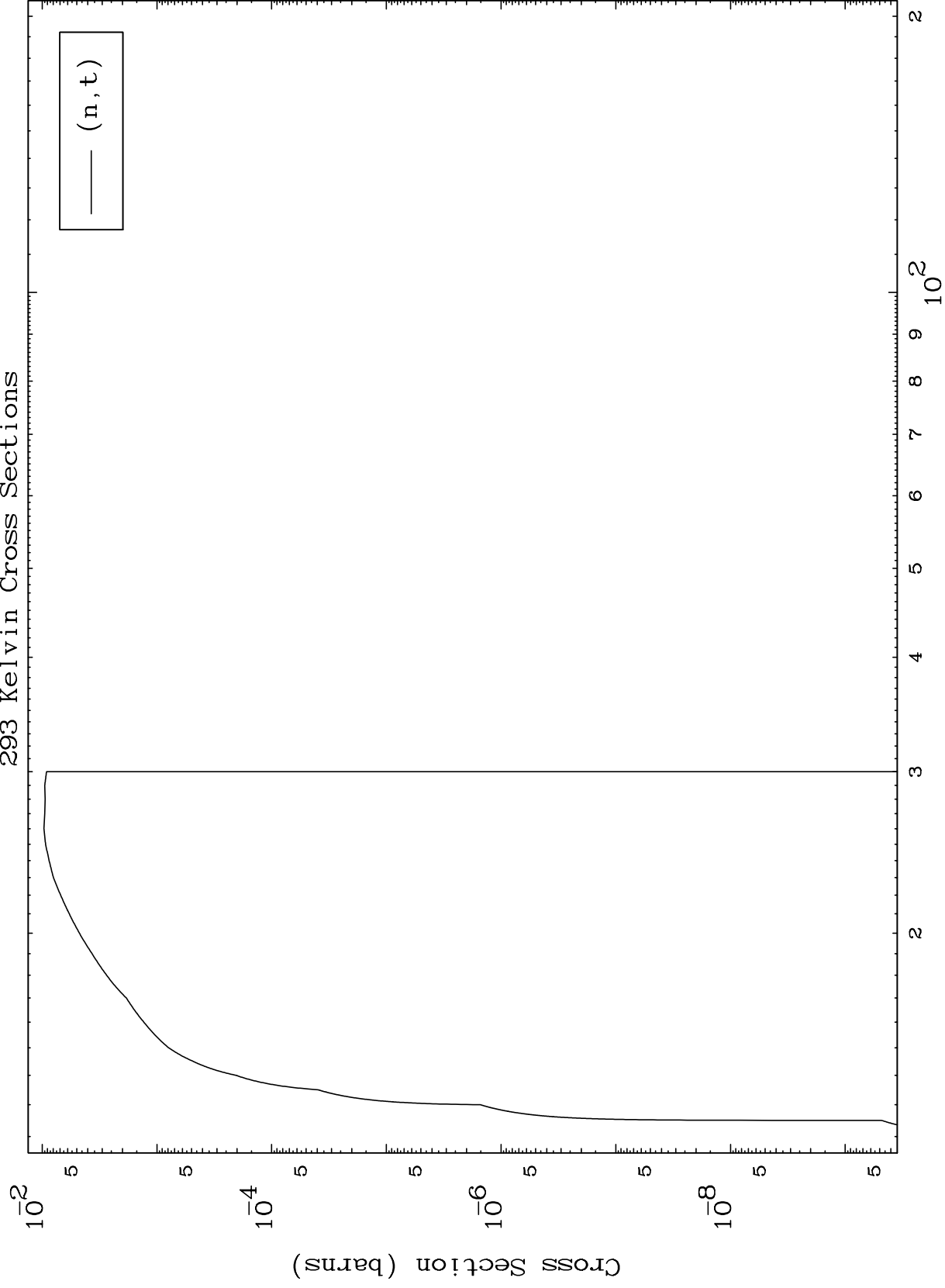
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,t) Levels
293 Kelvin Cross Sections

14-Si-29



11

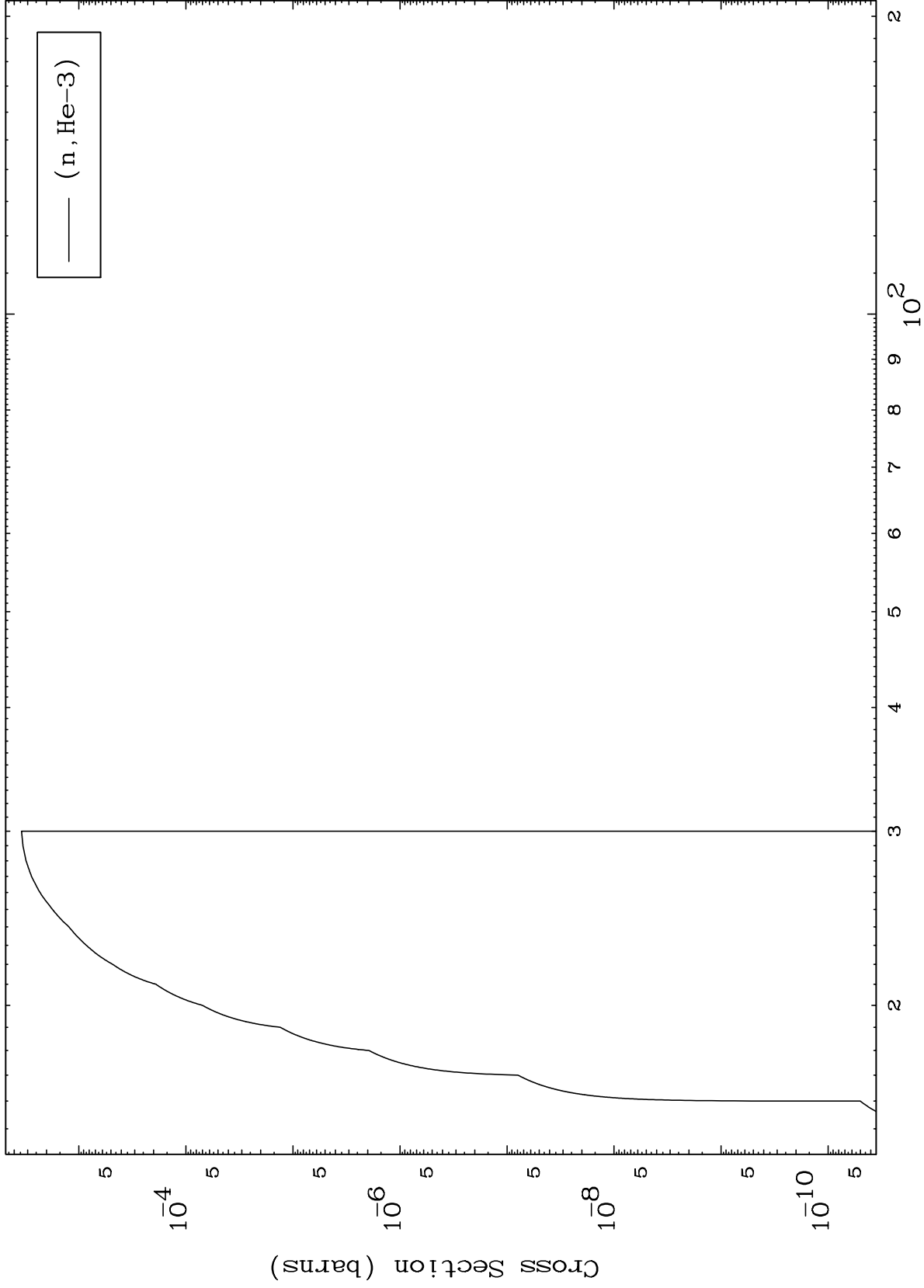
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-29



12

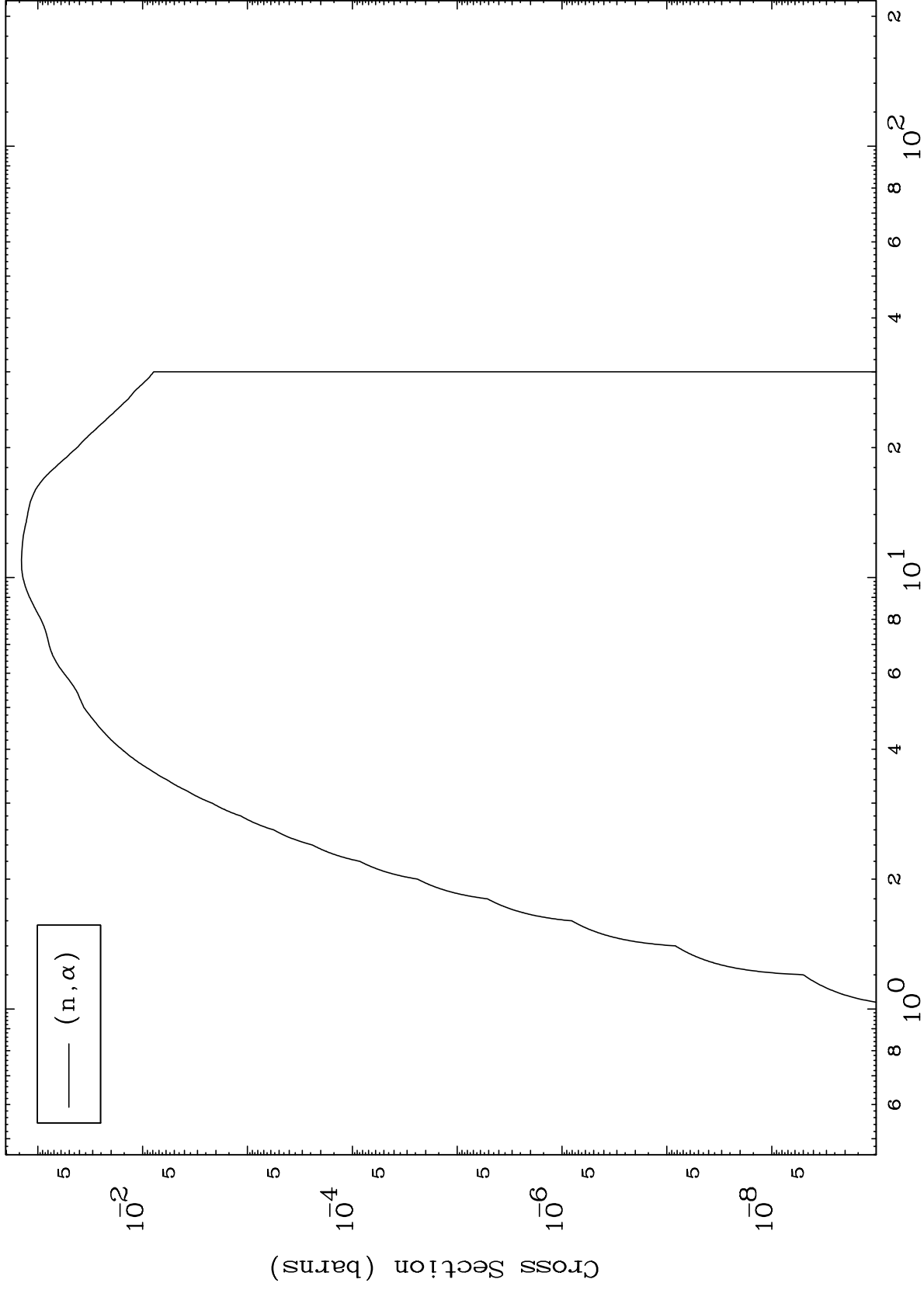
Incident Energy (MeV)

14-Si-29

MAT 1428

(n, α) Levels
293 Kelvin Cross Sections

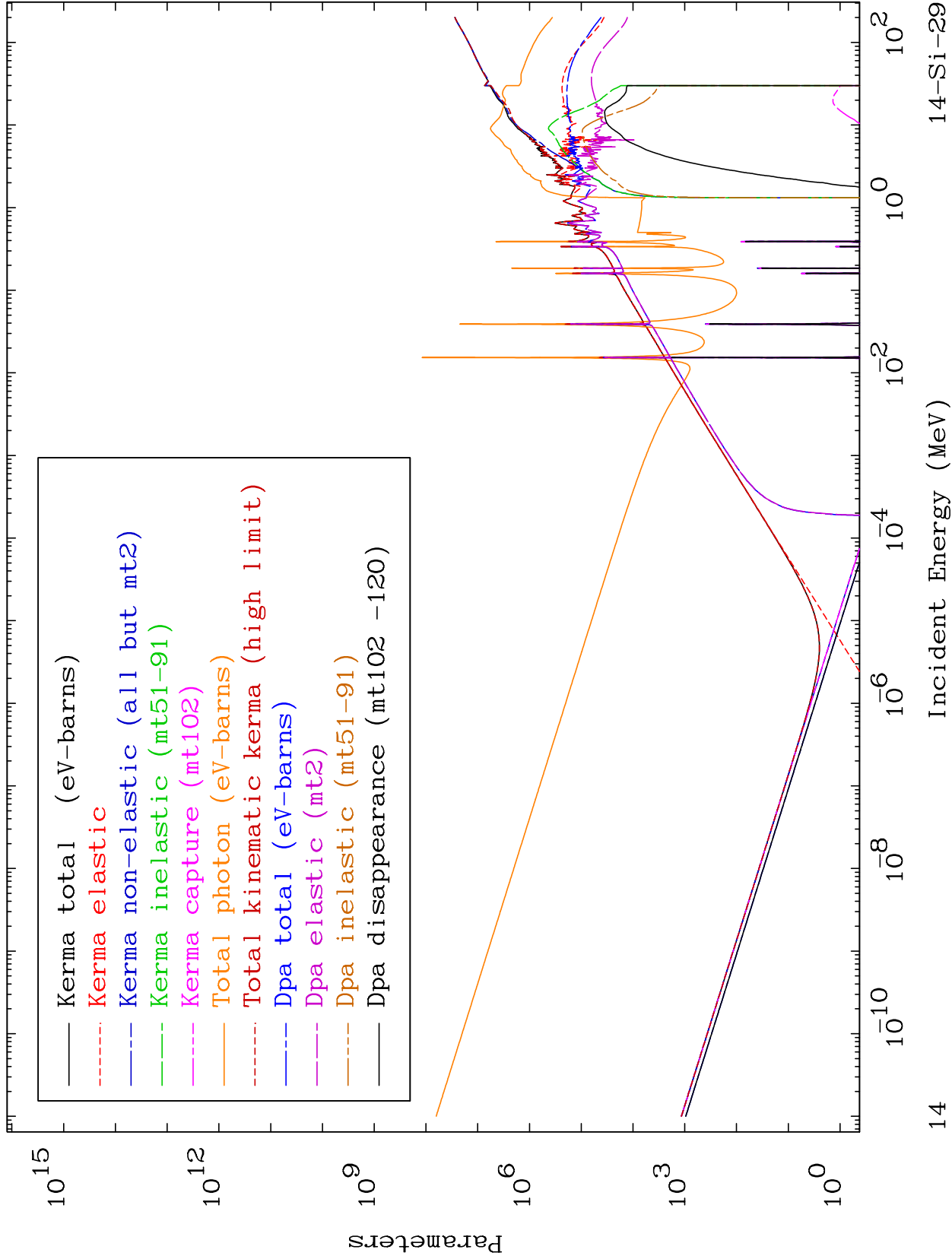
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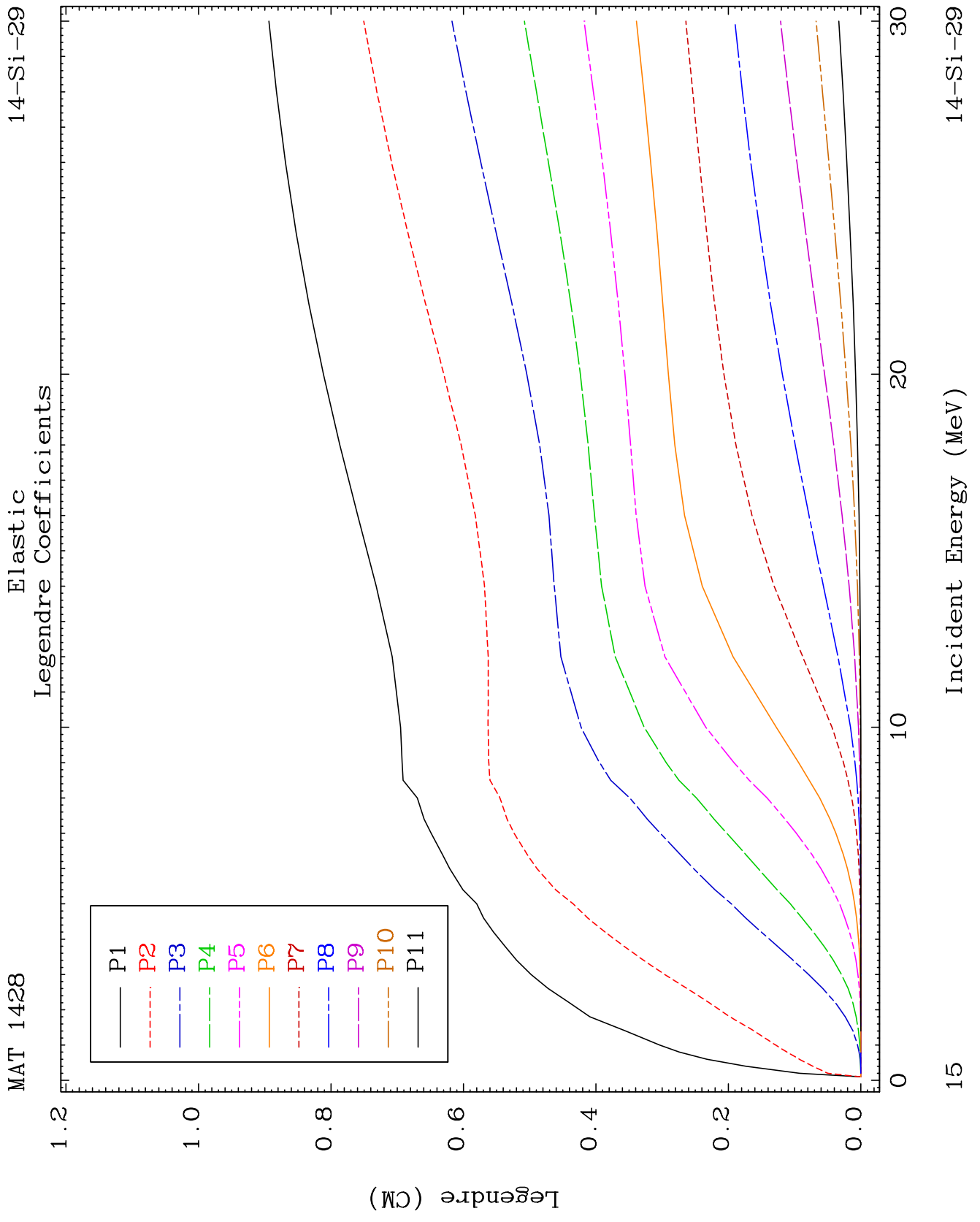


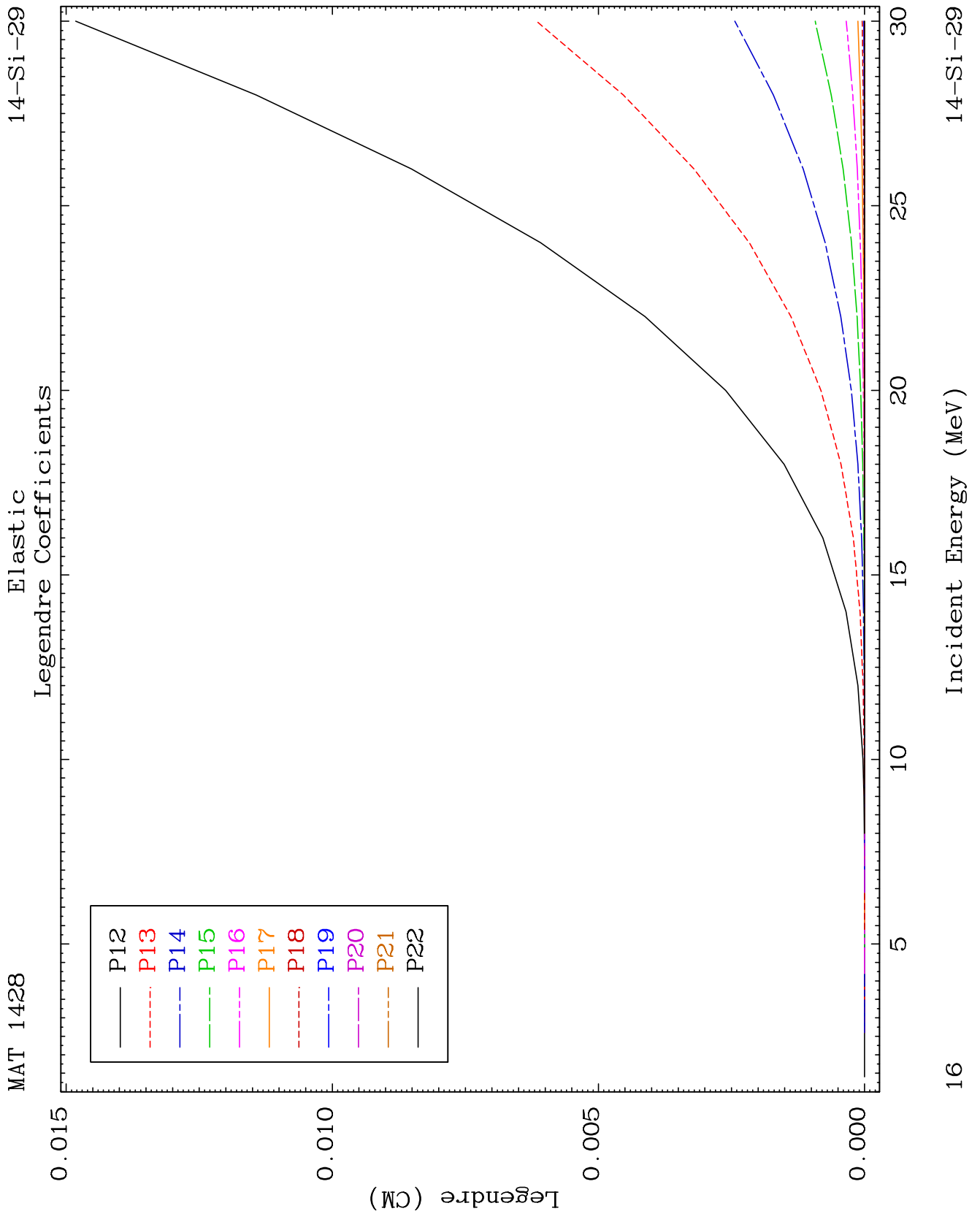
13

Incident Energy (MeV)

14-Si-29







MAT 1428

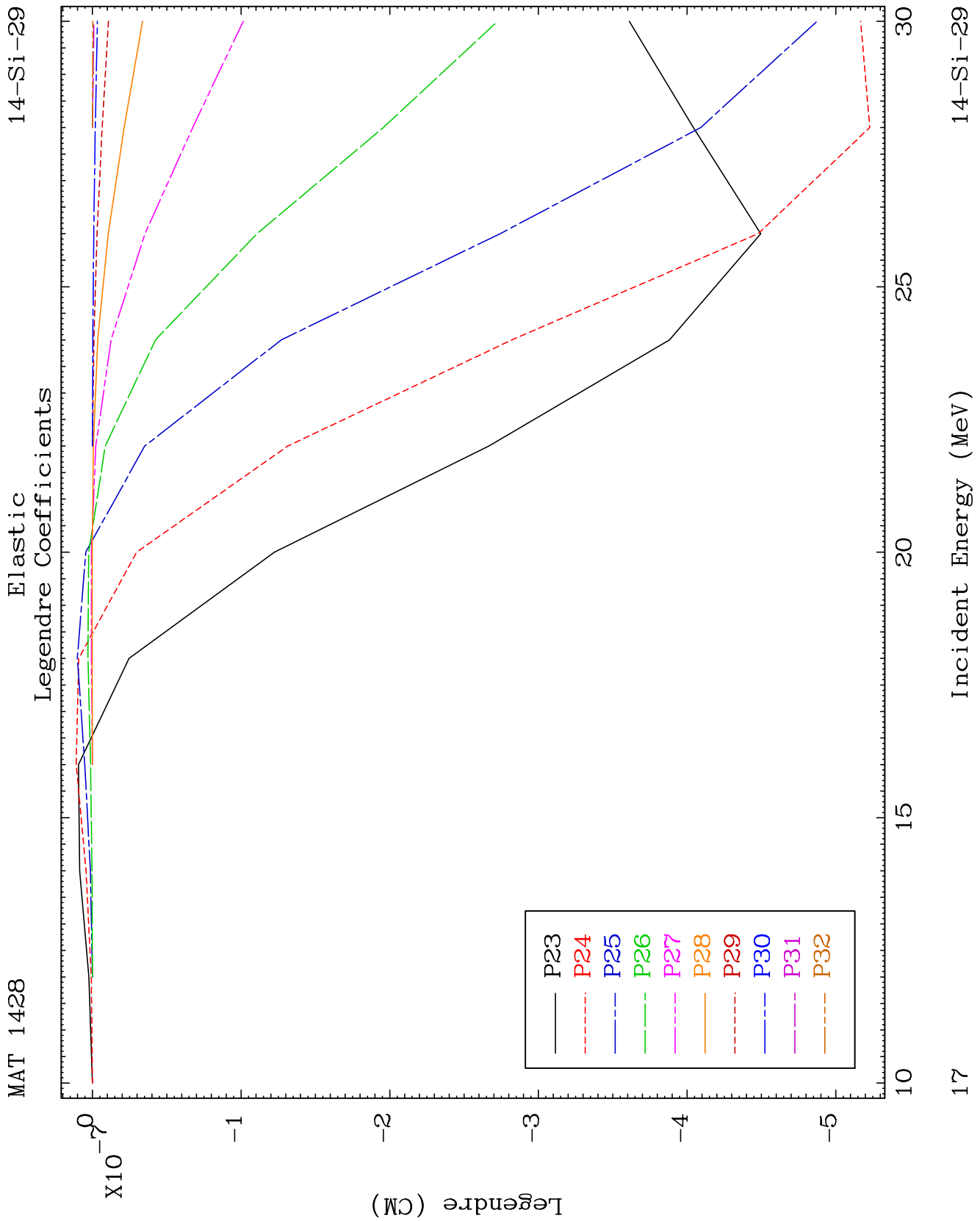
Elastic Legendre Coefficients

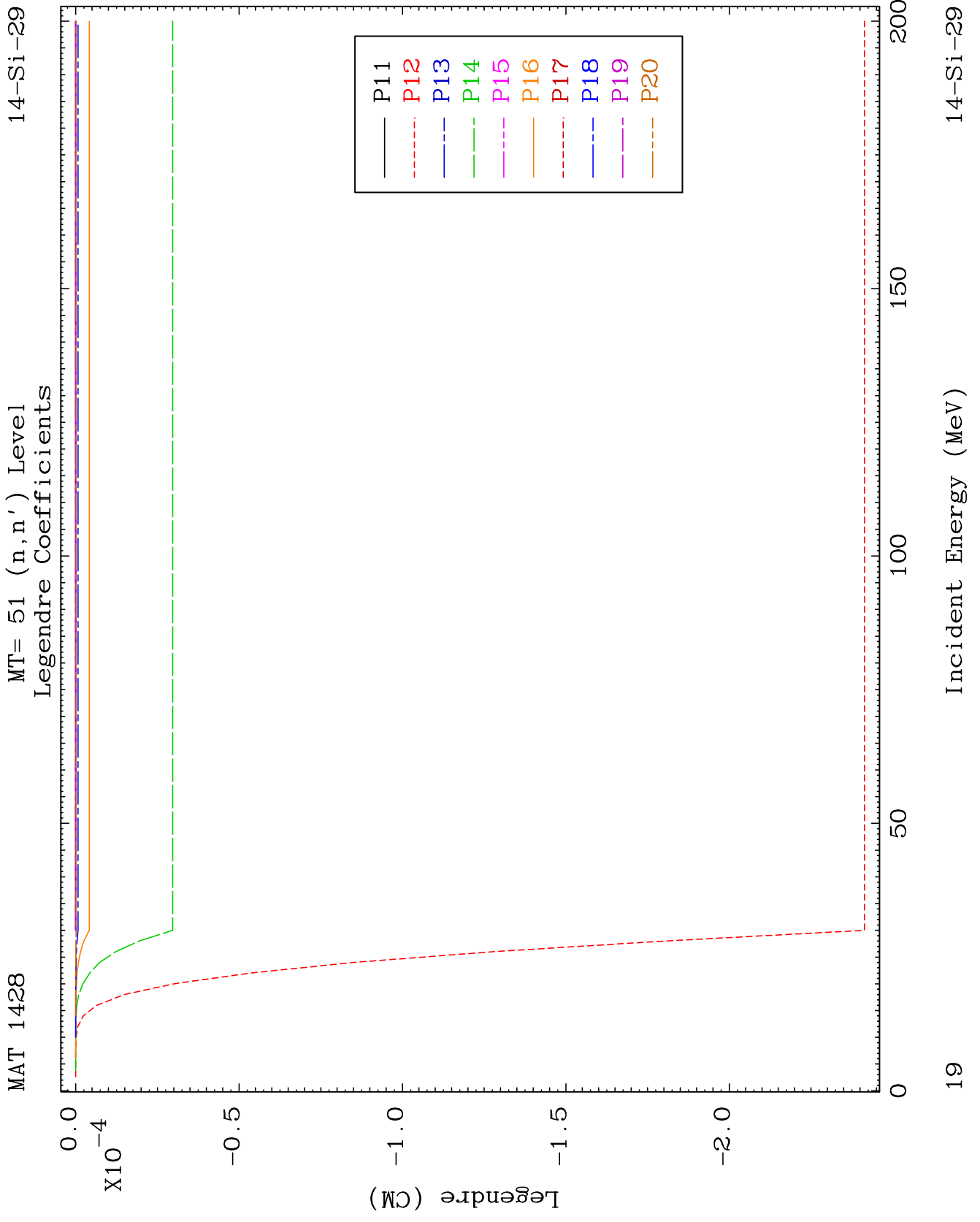
$^{14}\text{Si}-29$

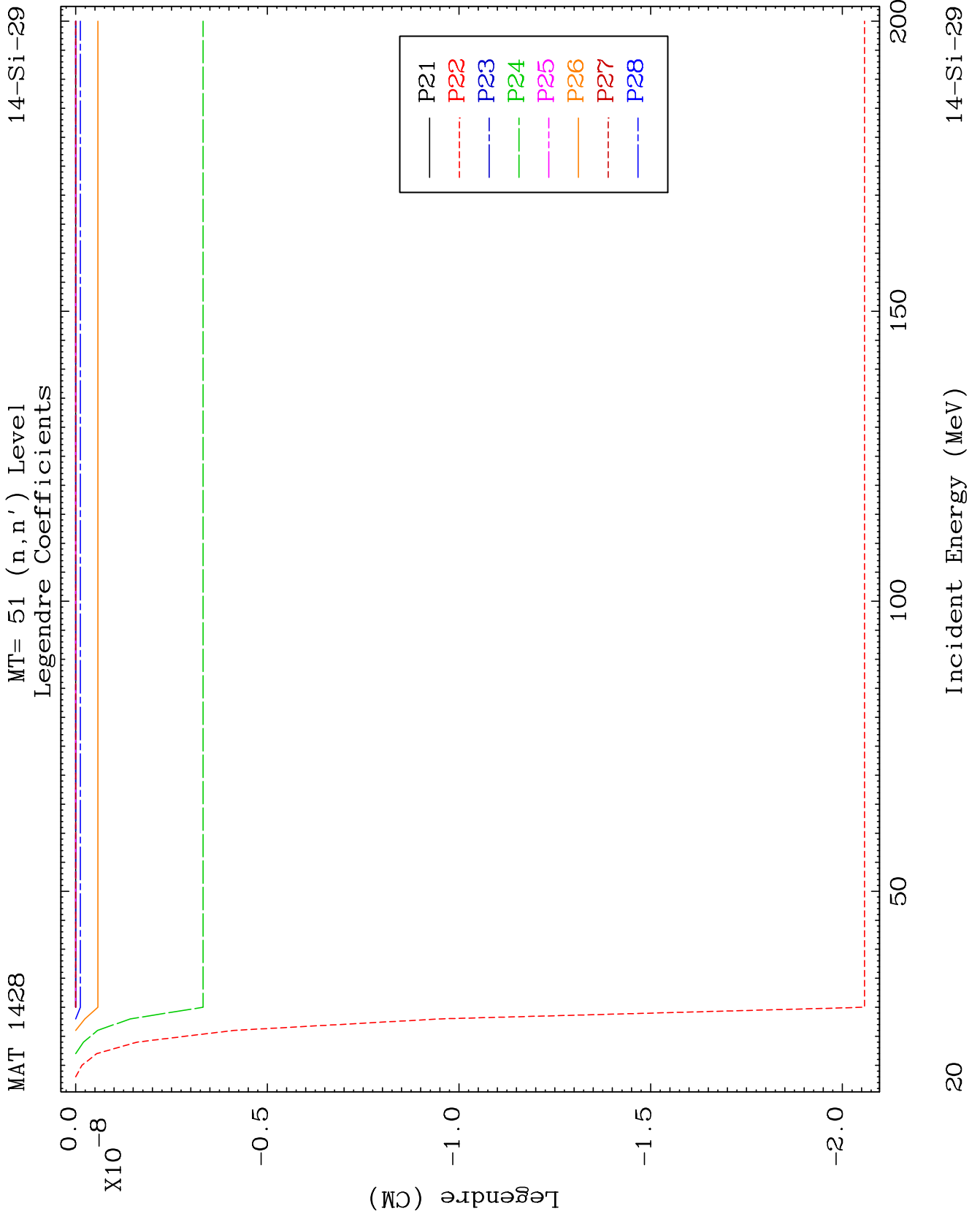
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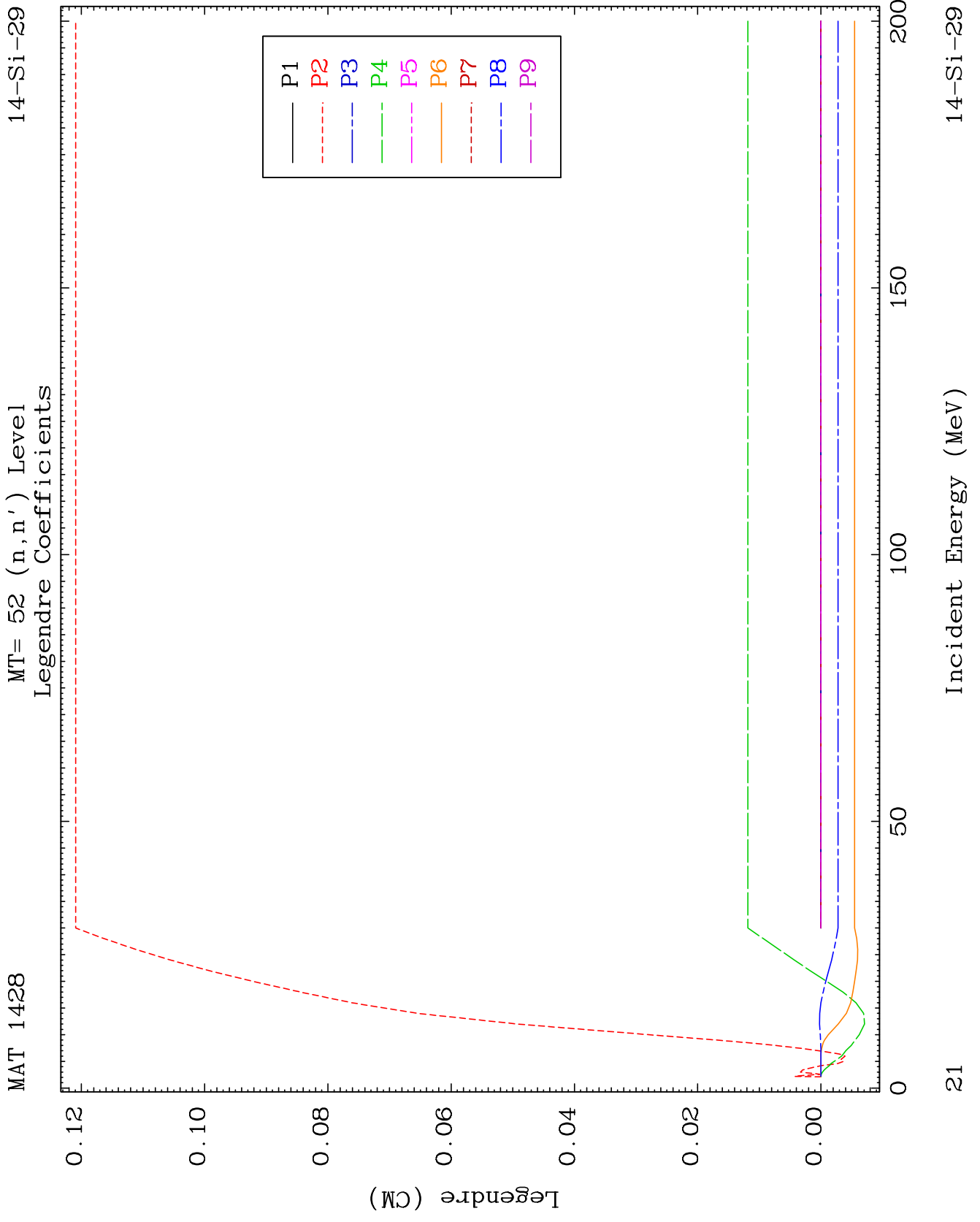
Incident Energy (MeV)

$^{14}\text{Si}-29$





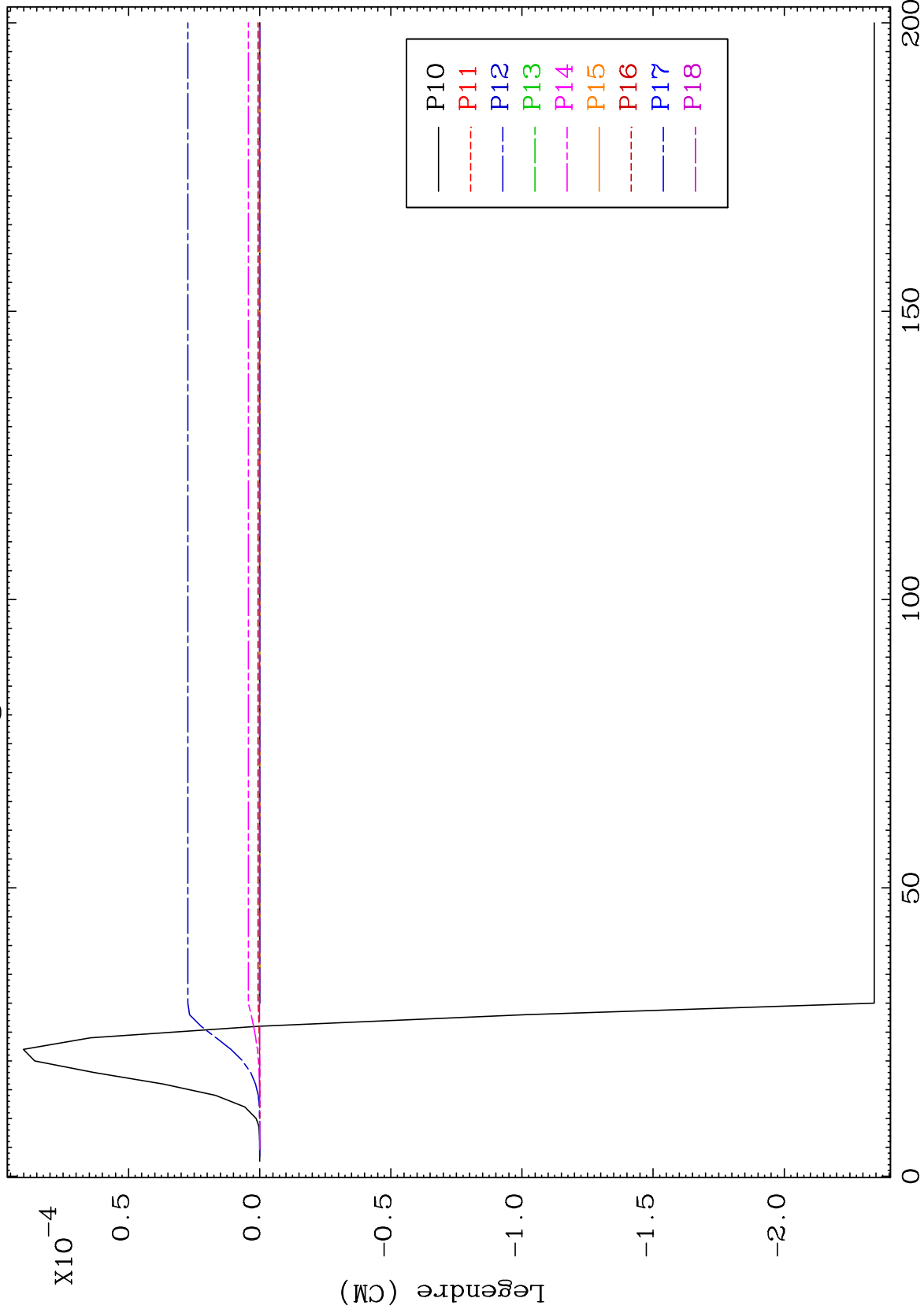




MAT 1428

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

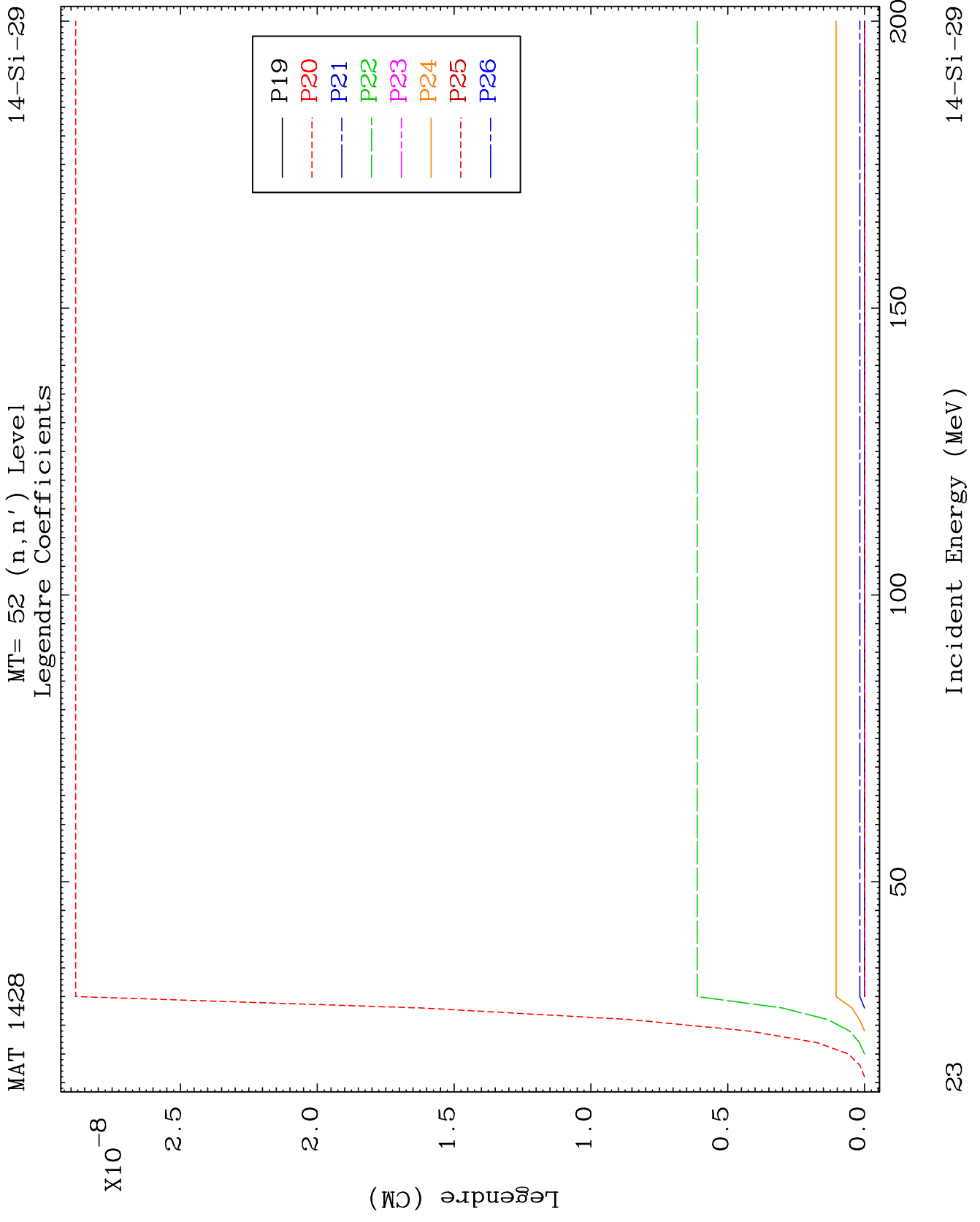
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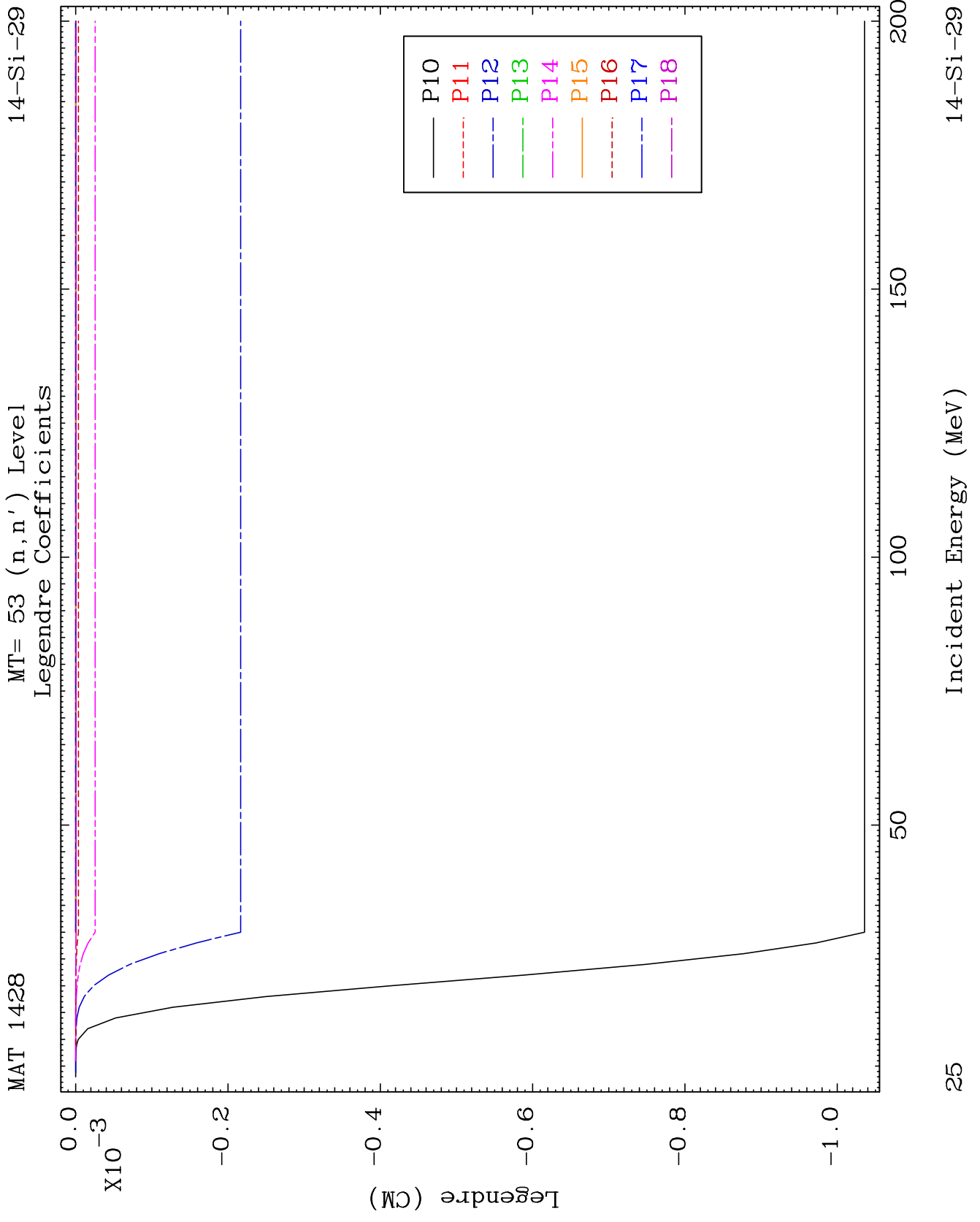


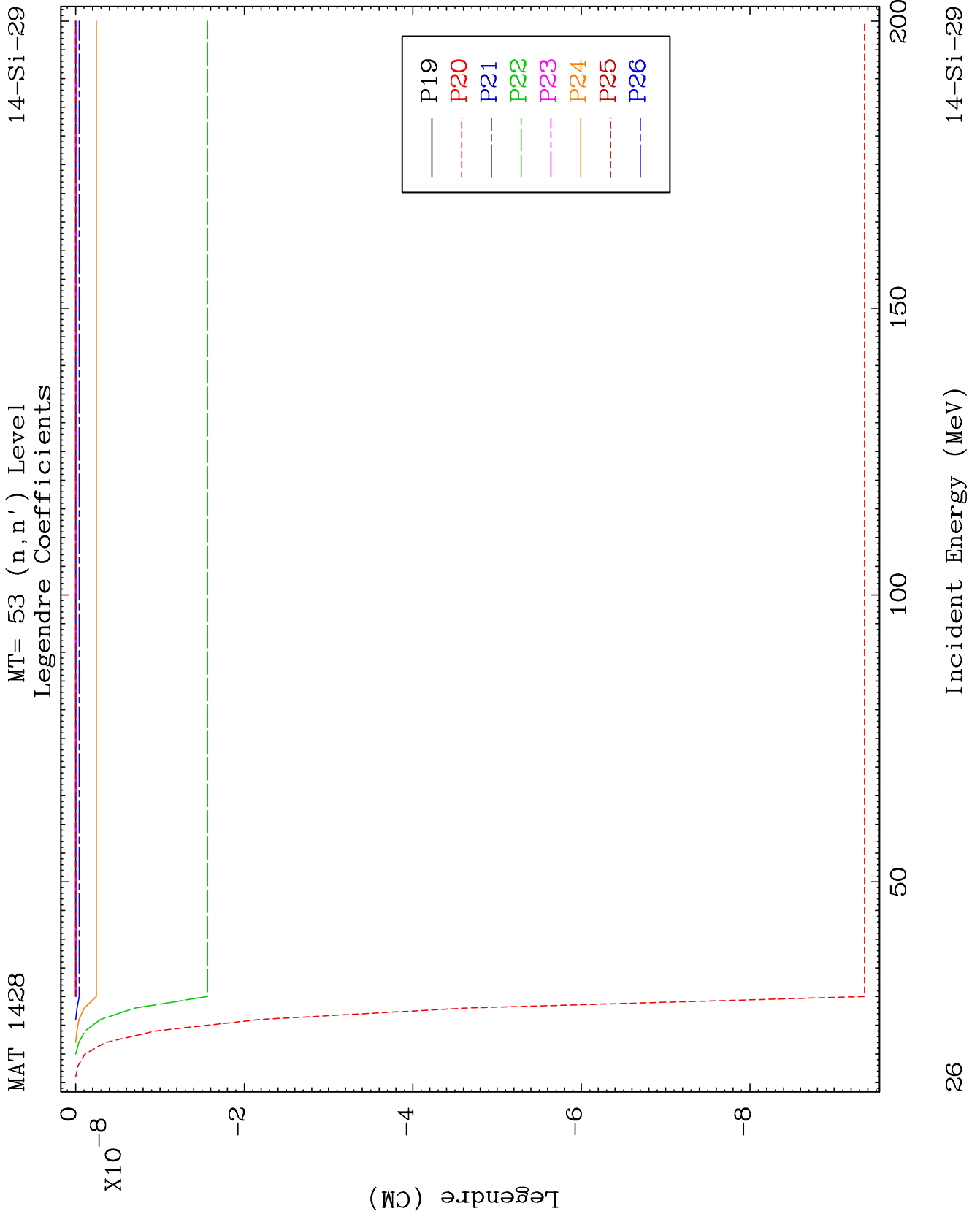
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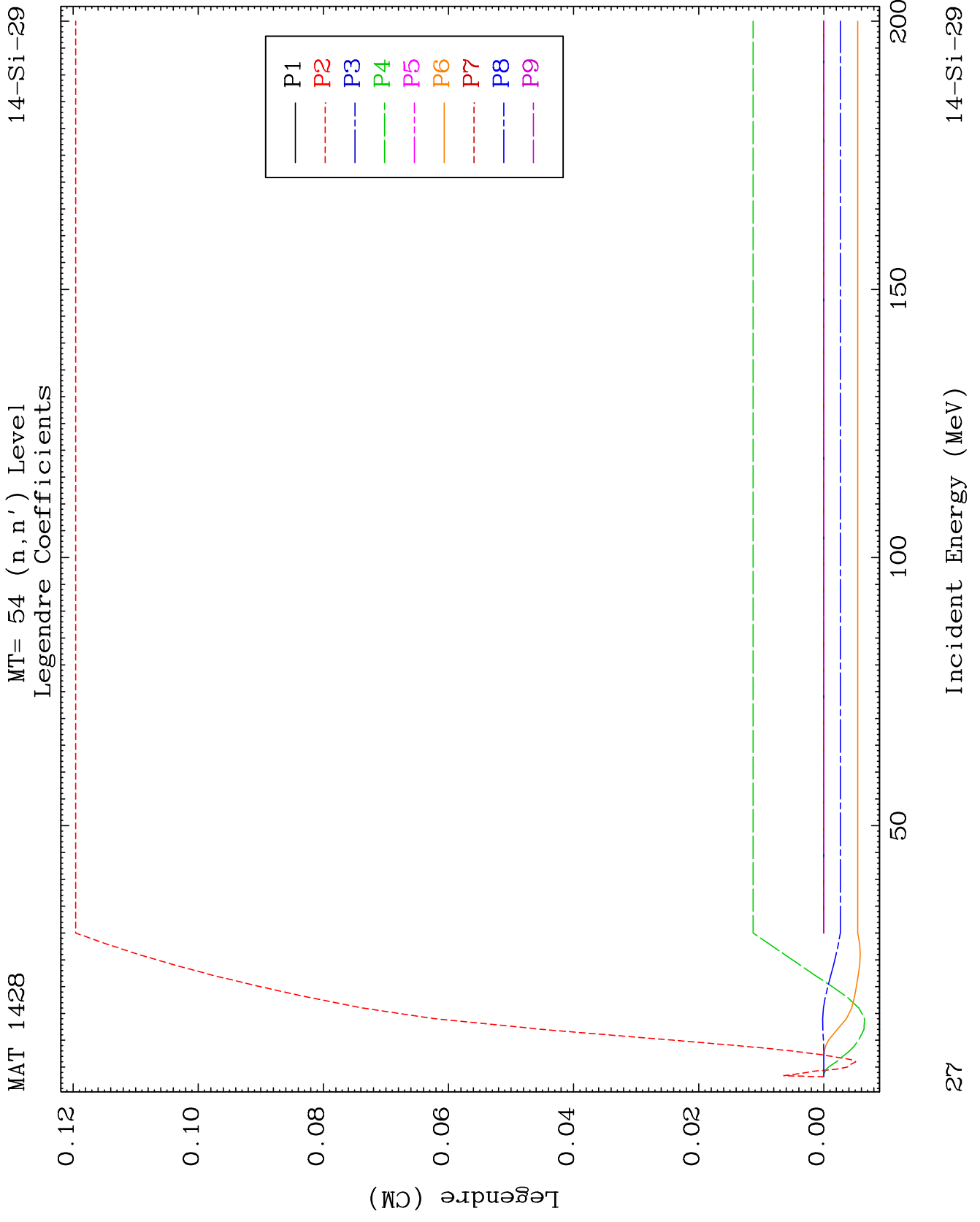
Incident Energy (MeV)

14-Si-29





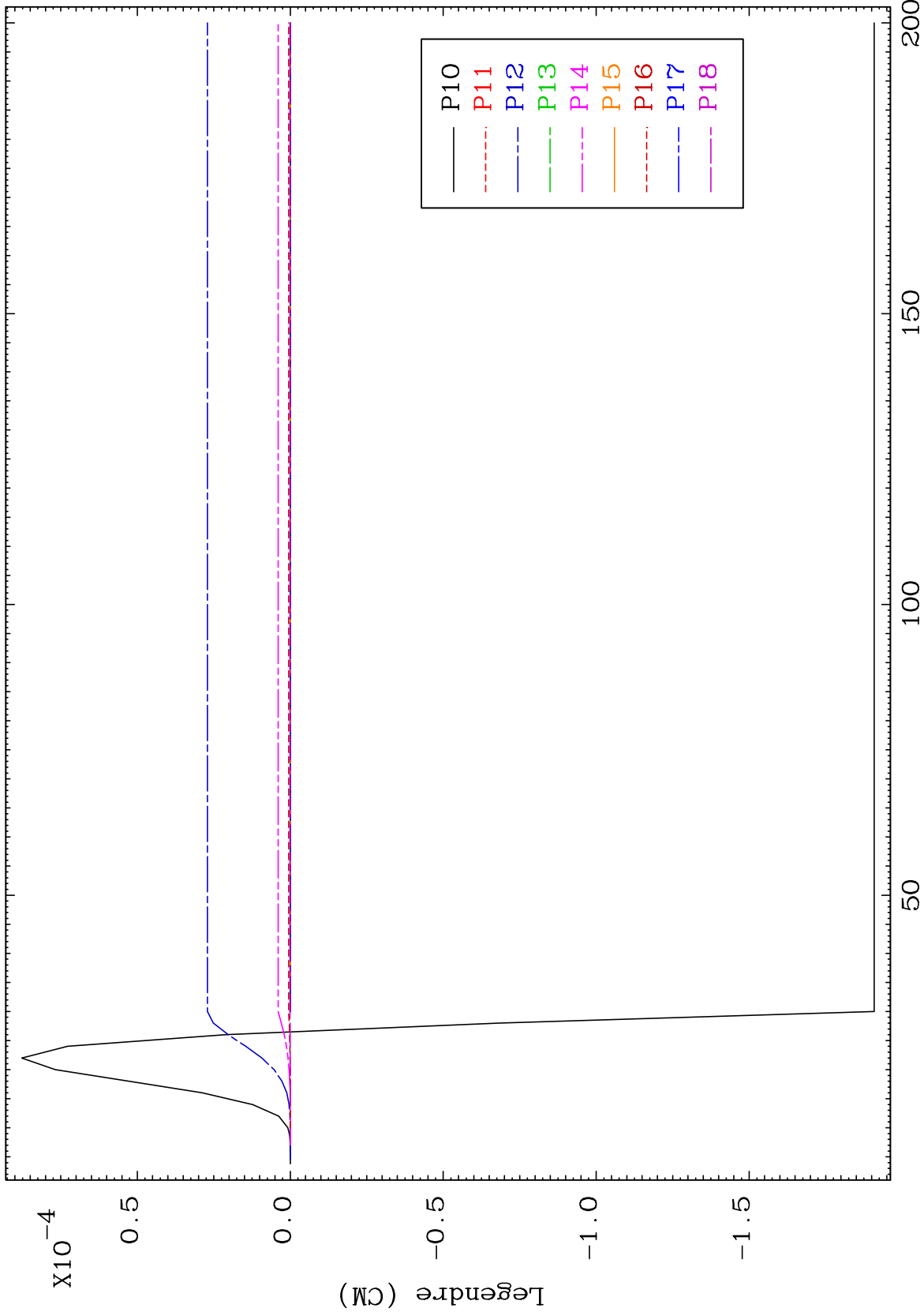




MAT 1428

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

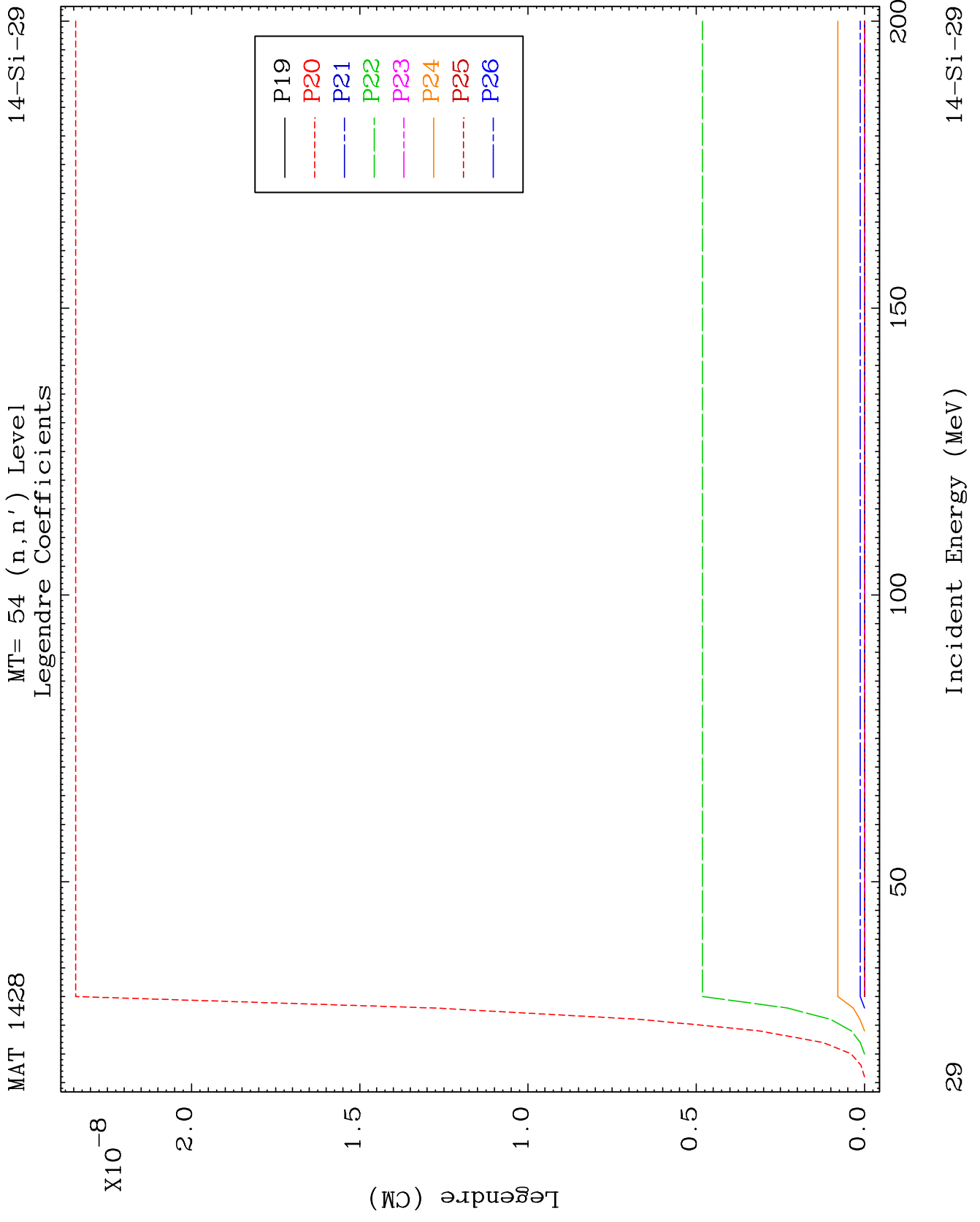
14-Si-29

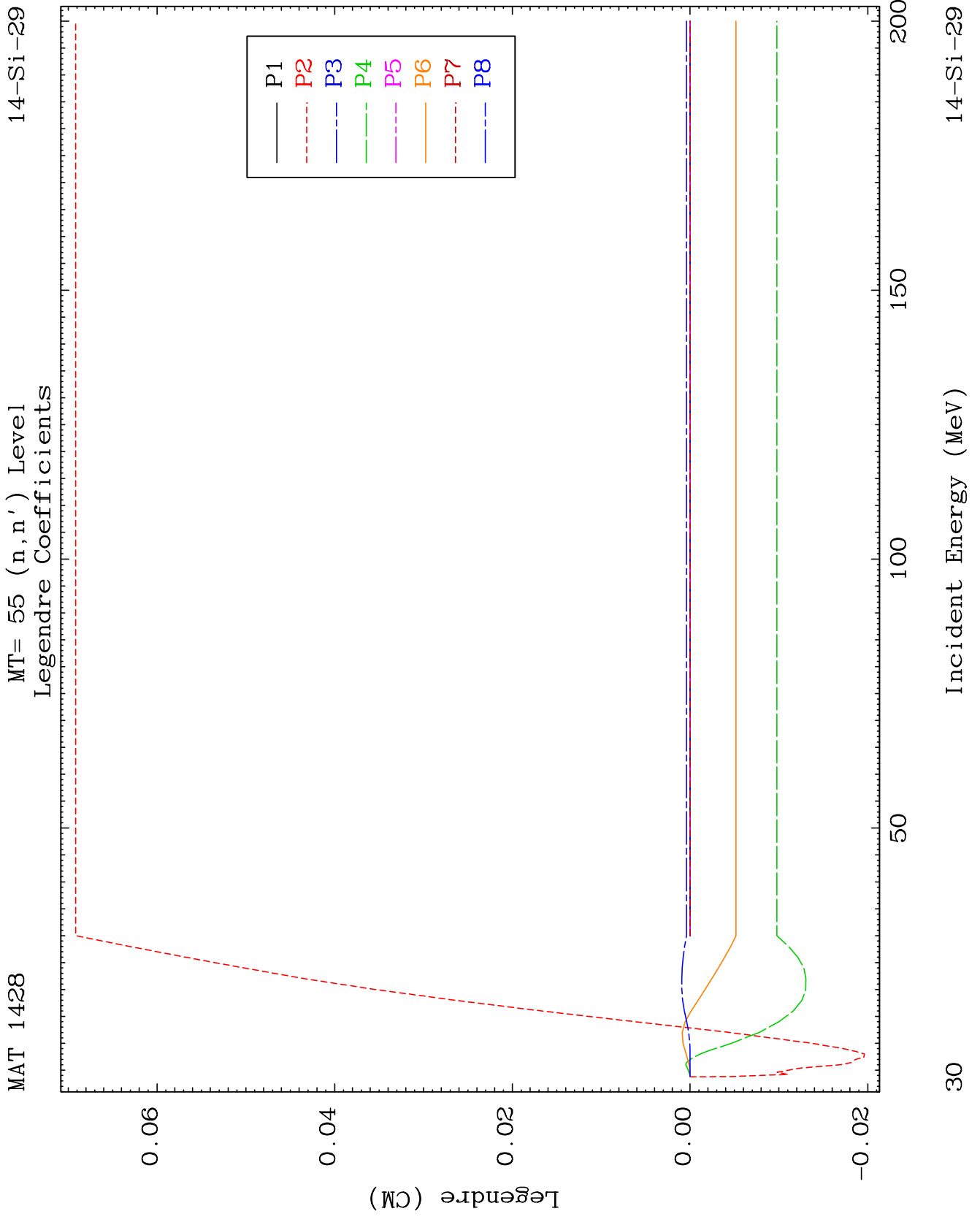


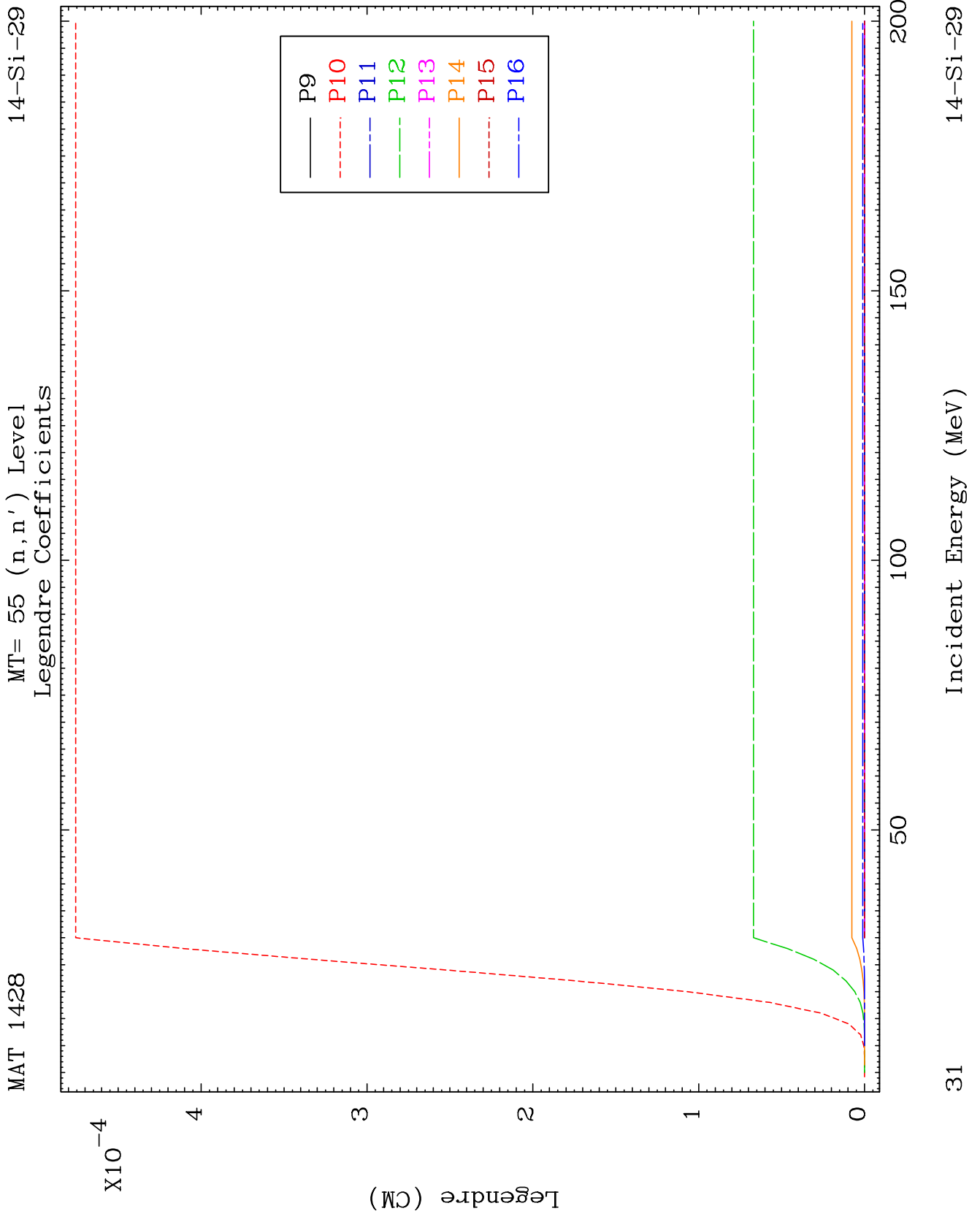
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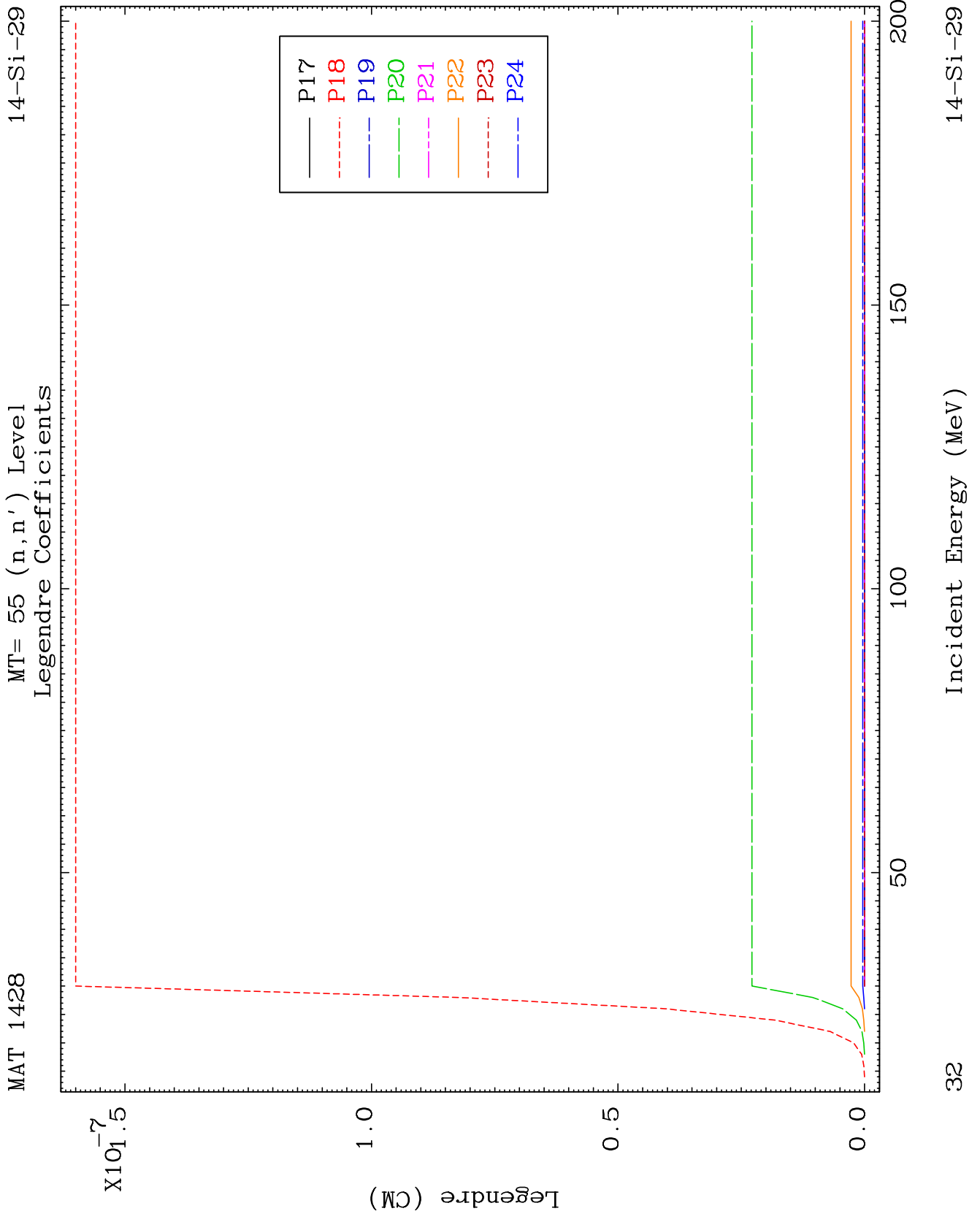
Incident Energy (MeV)

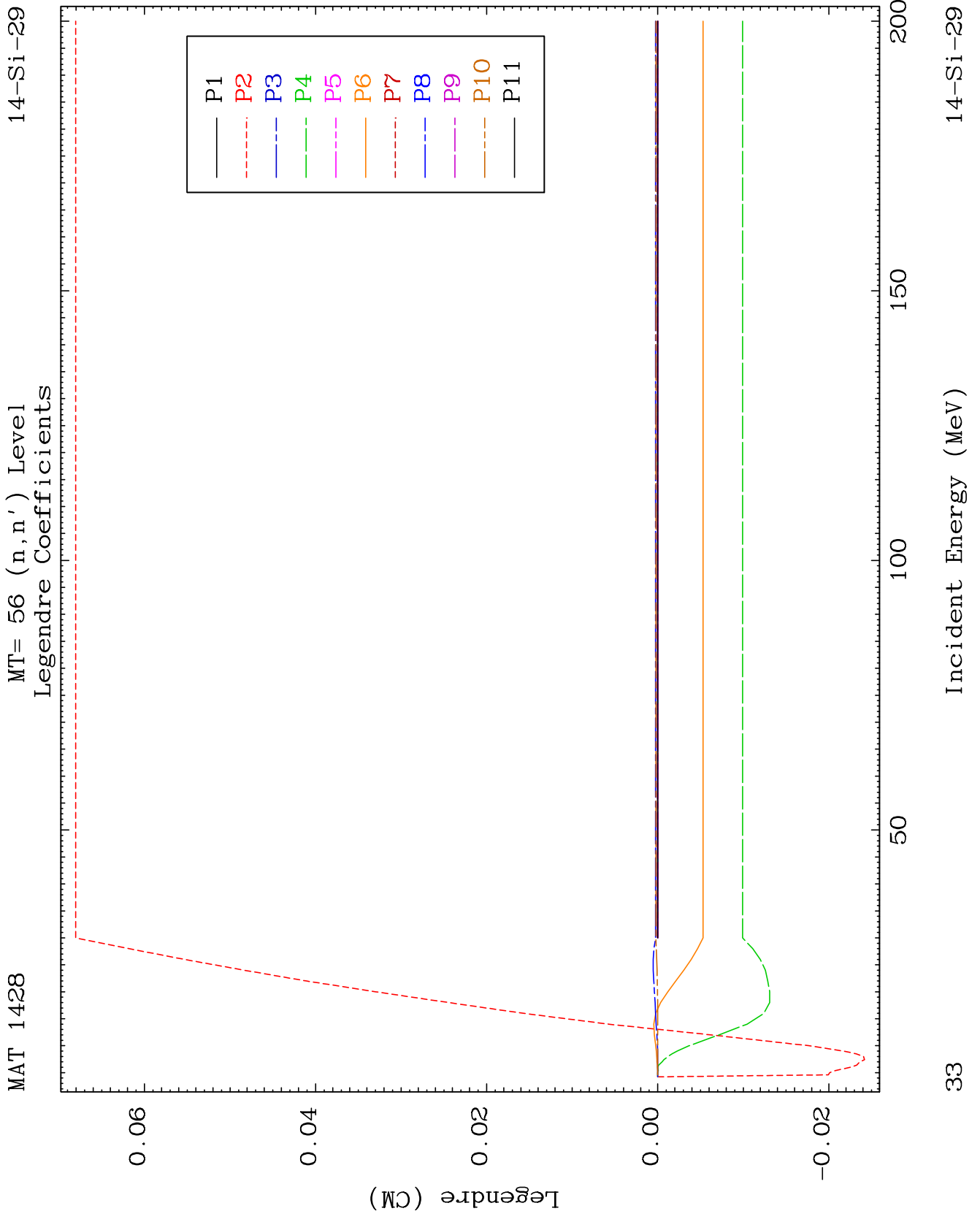
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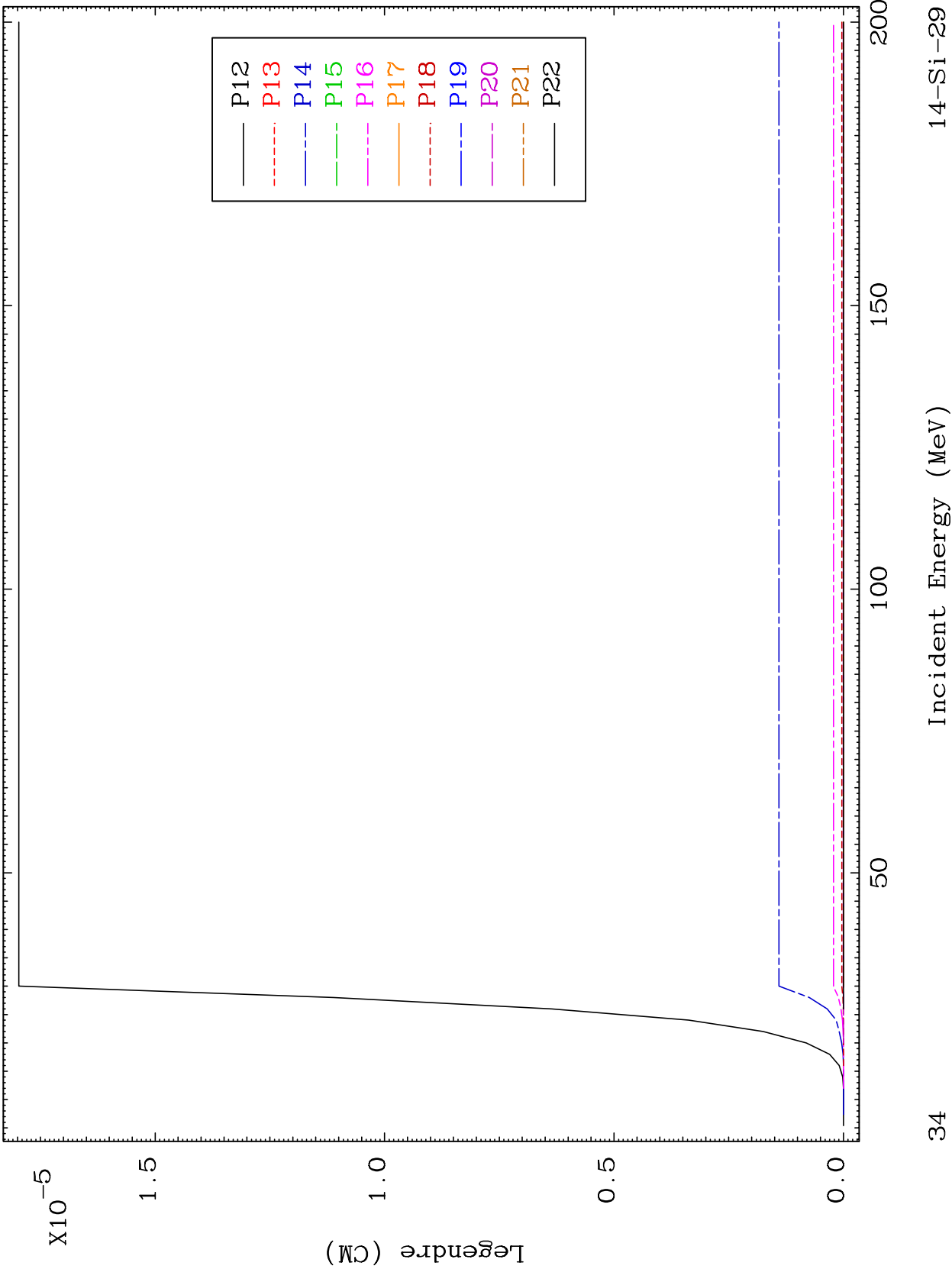




MAT 1428

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

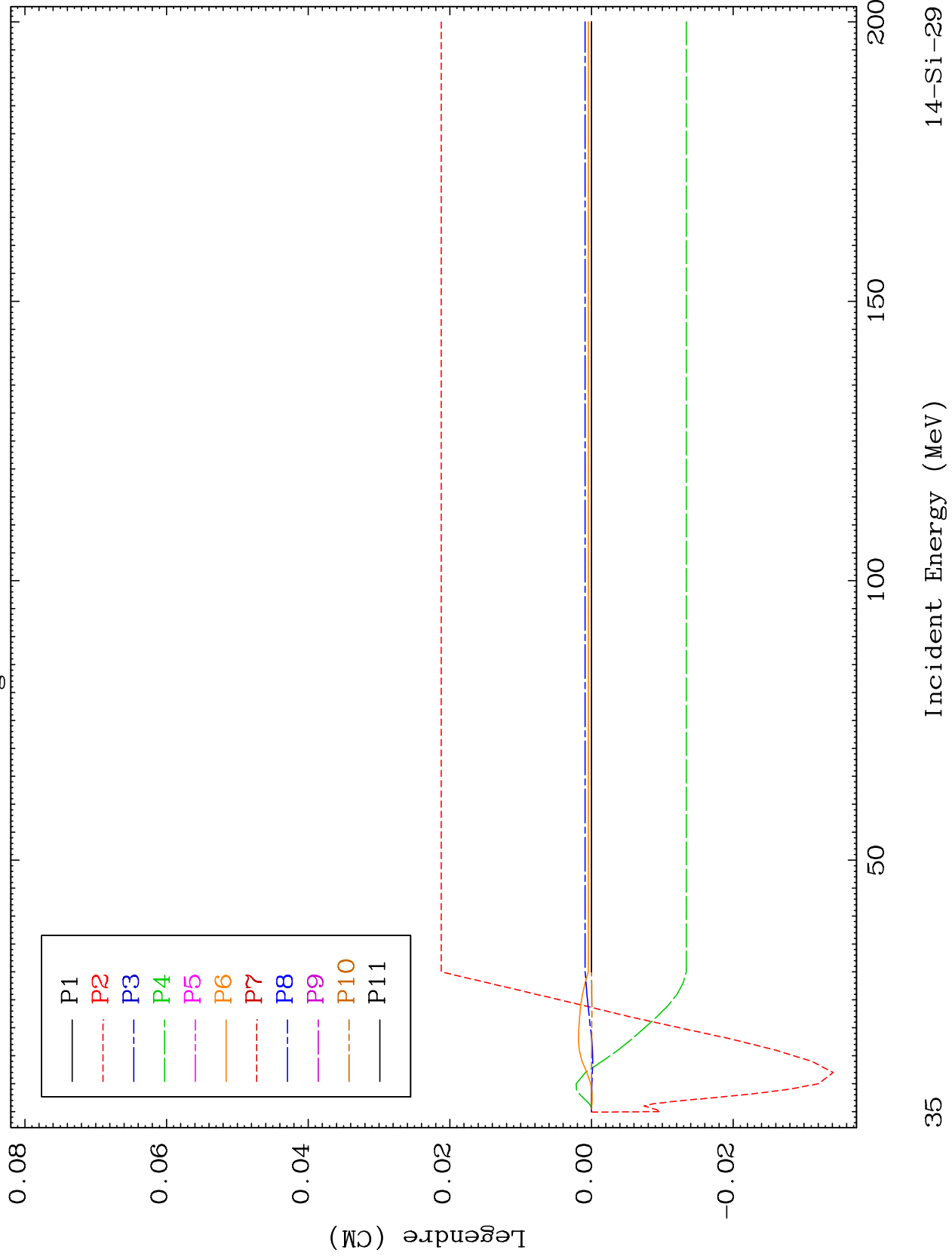
14-Si-29



MAT 1428

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

14-Si-29



14-Si-29

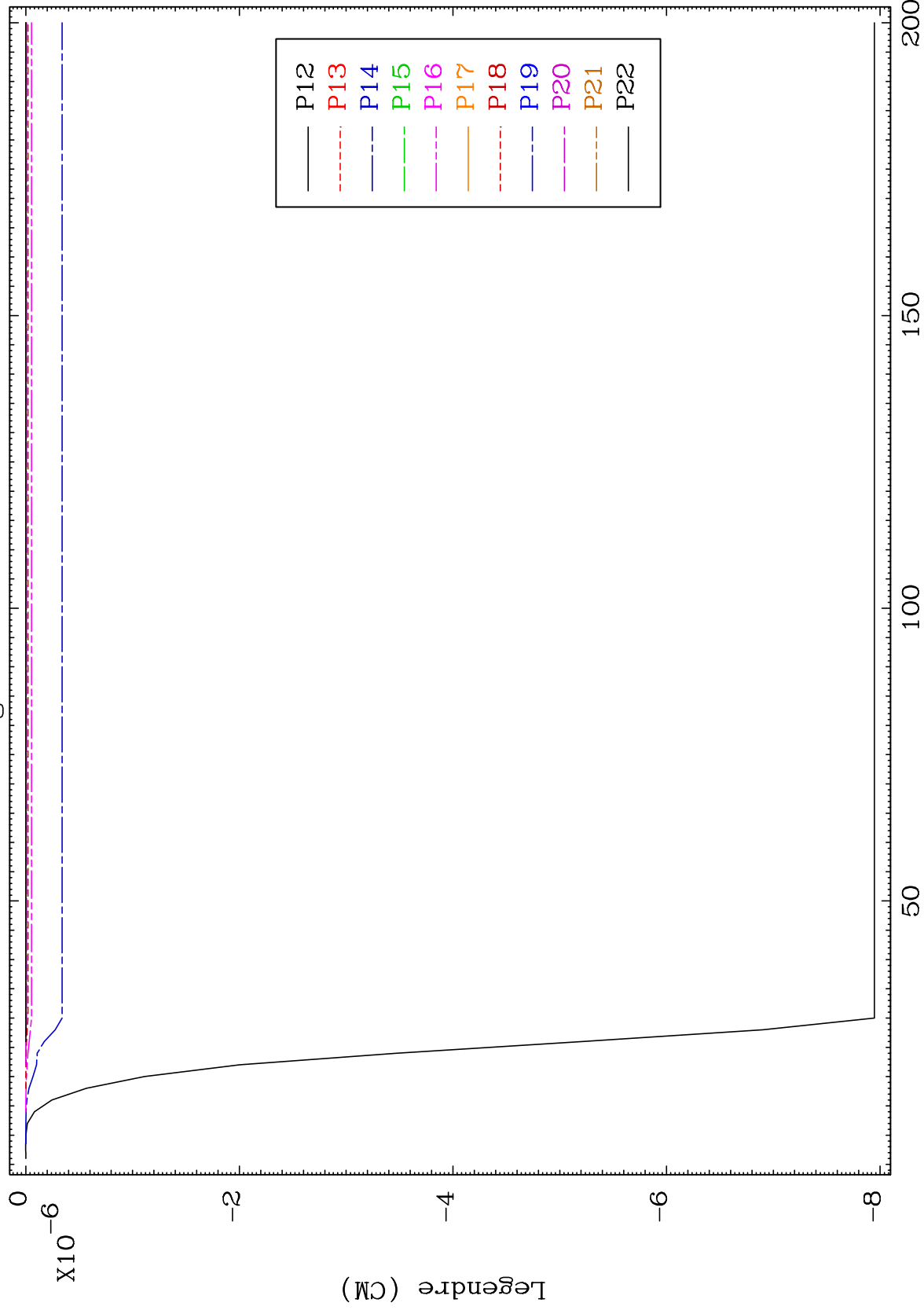
Incident Energy (MeV)

35

MAT 1428

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

14-Si-29



36

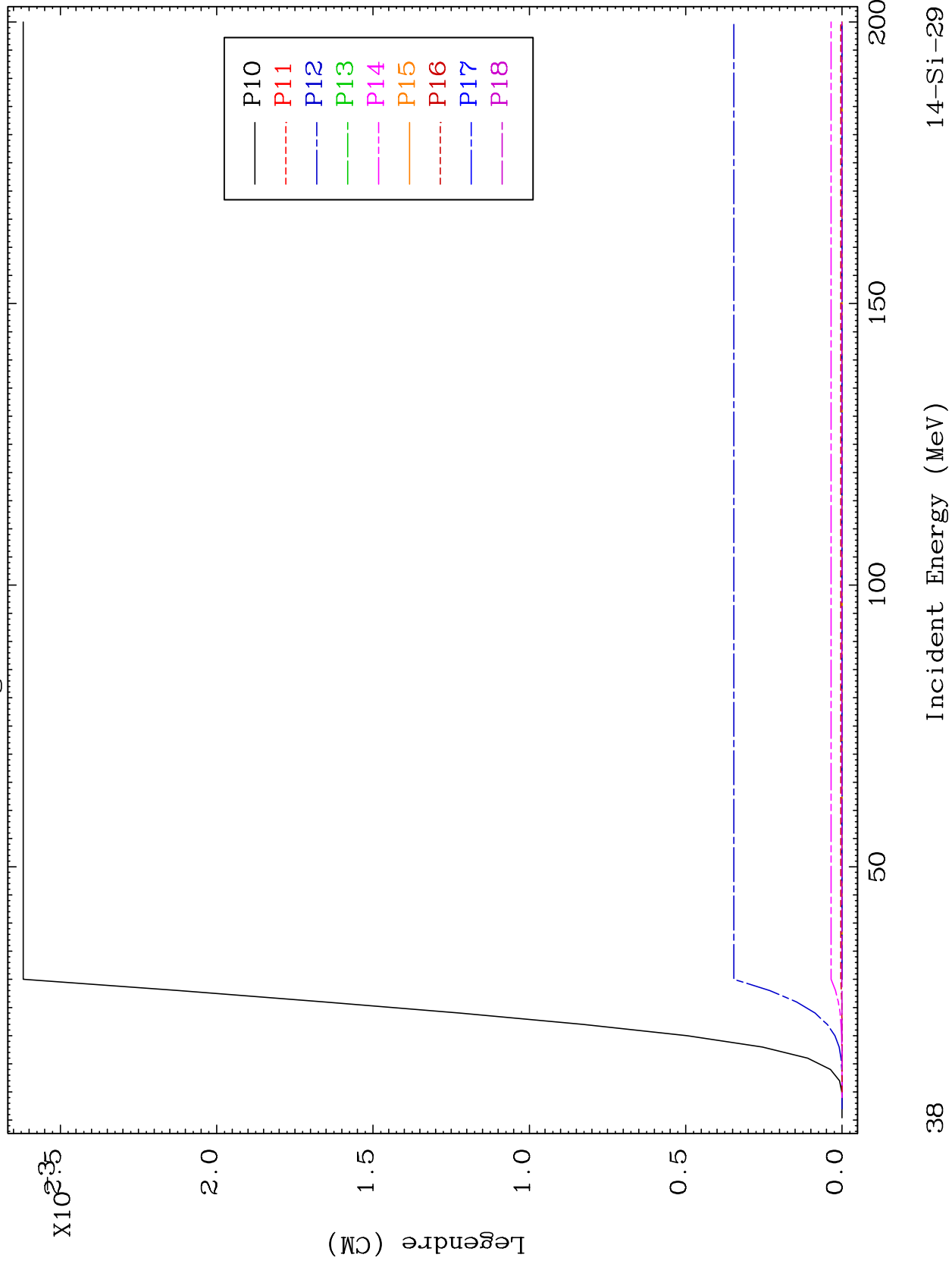
Incident Energy (MeV)

14-Si-29

MAT 1428

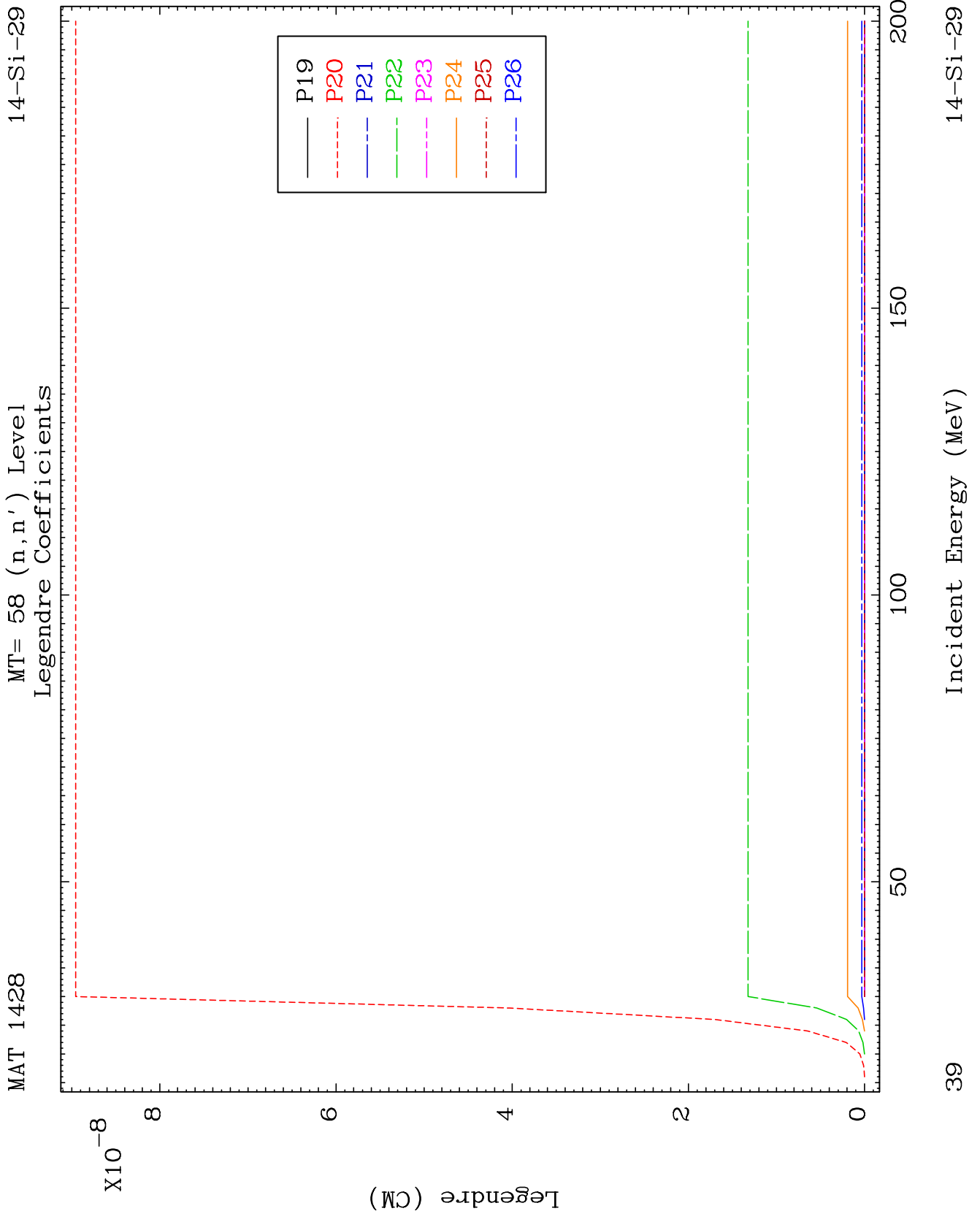
MT= 58 (n,n') Level
Legendre Coefficients

14-Si-29



38

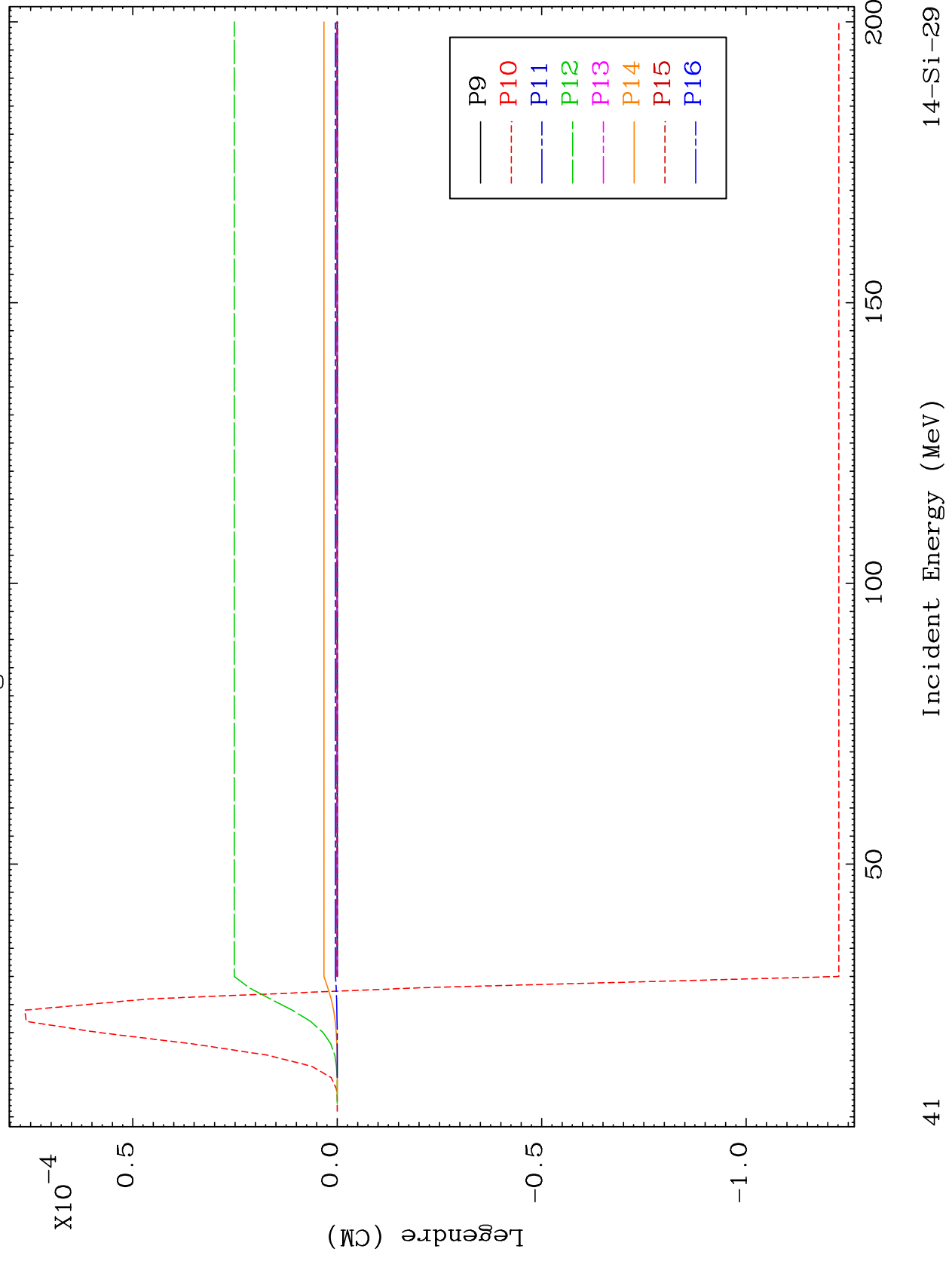
14-Si-29



MAT 1428

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

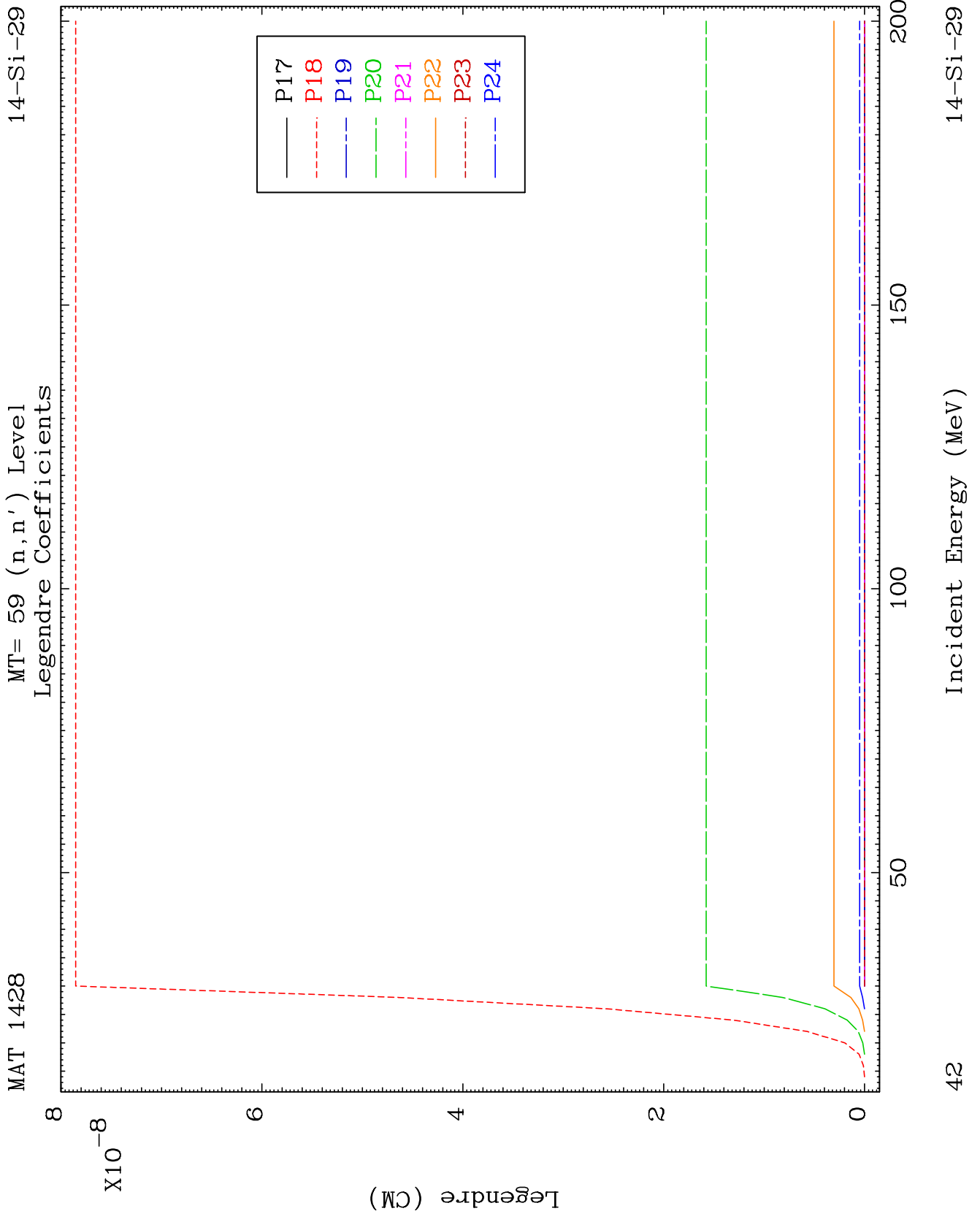
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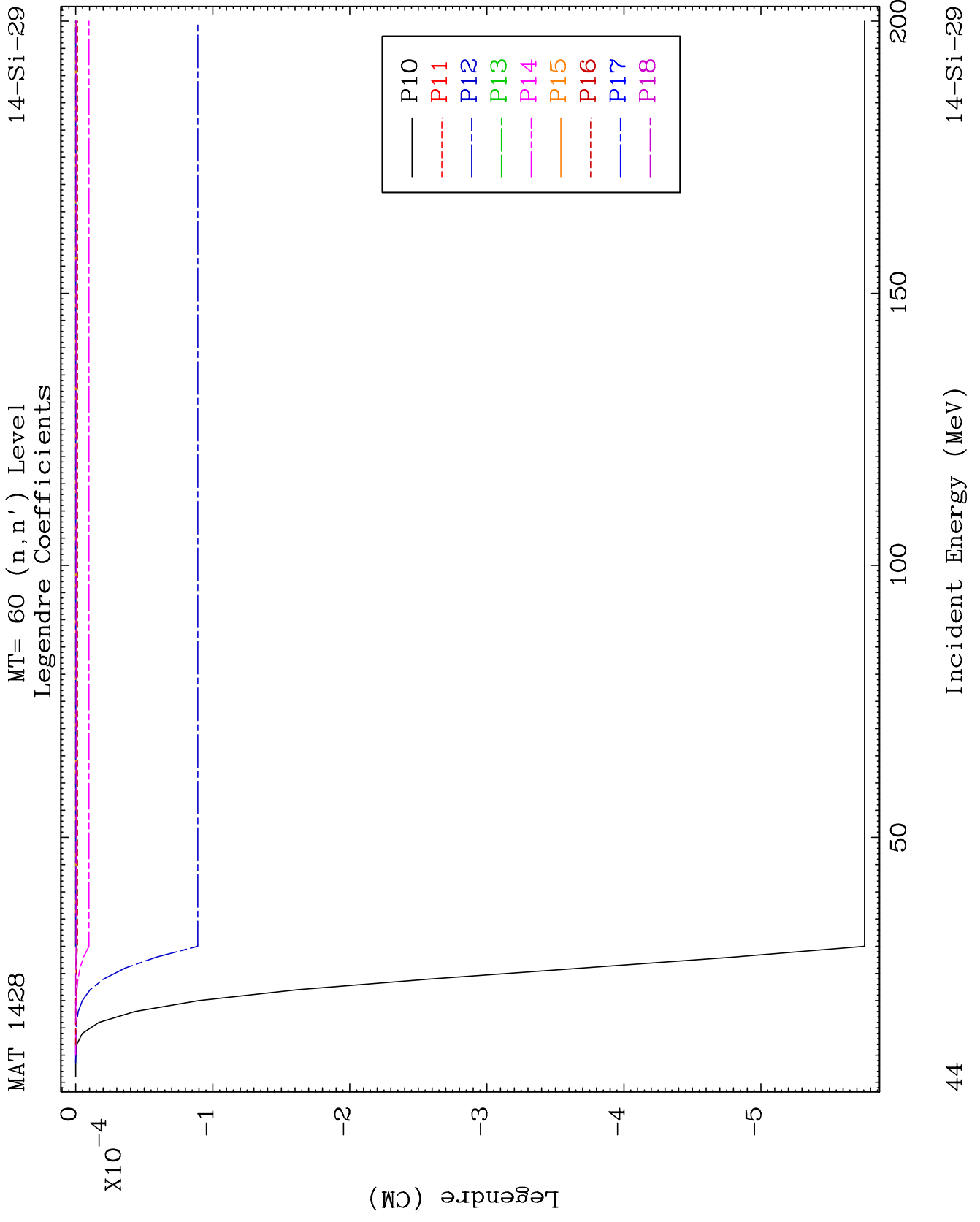


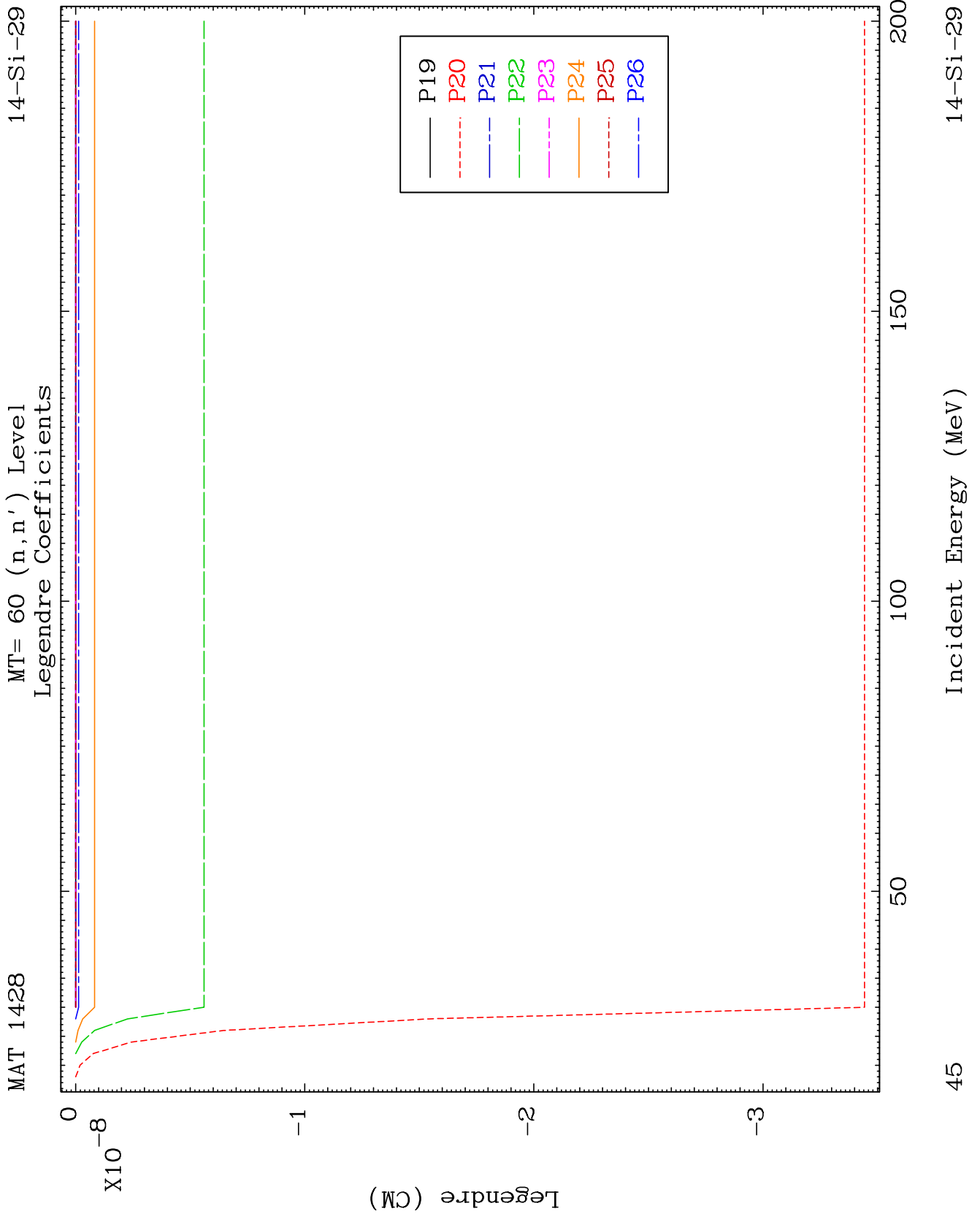
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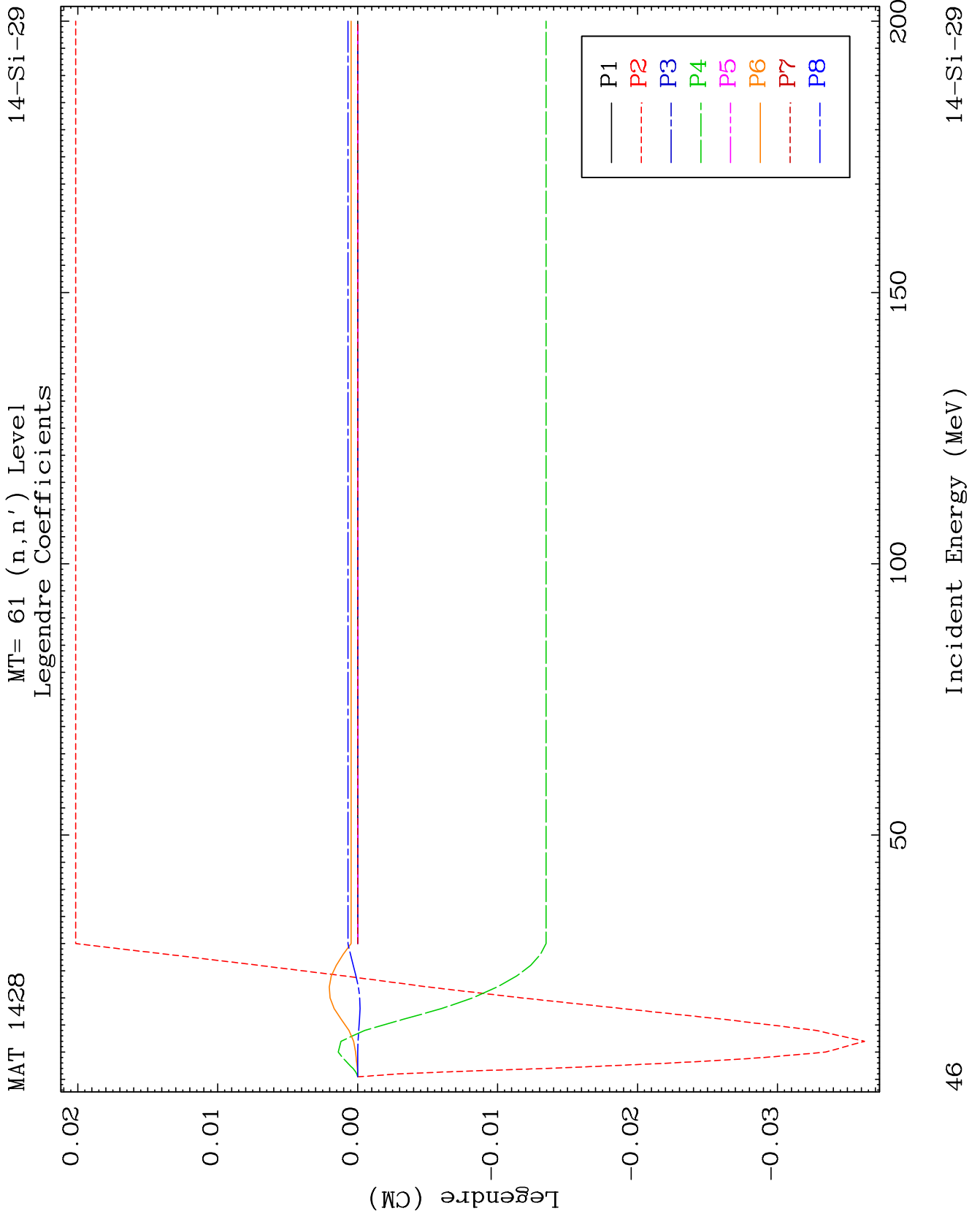
Incident Energy (MeV)

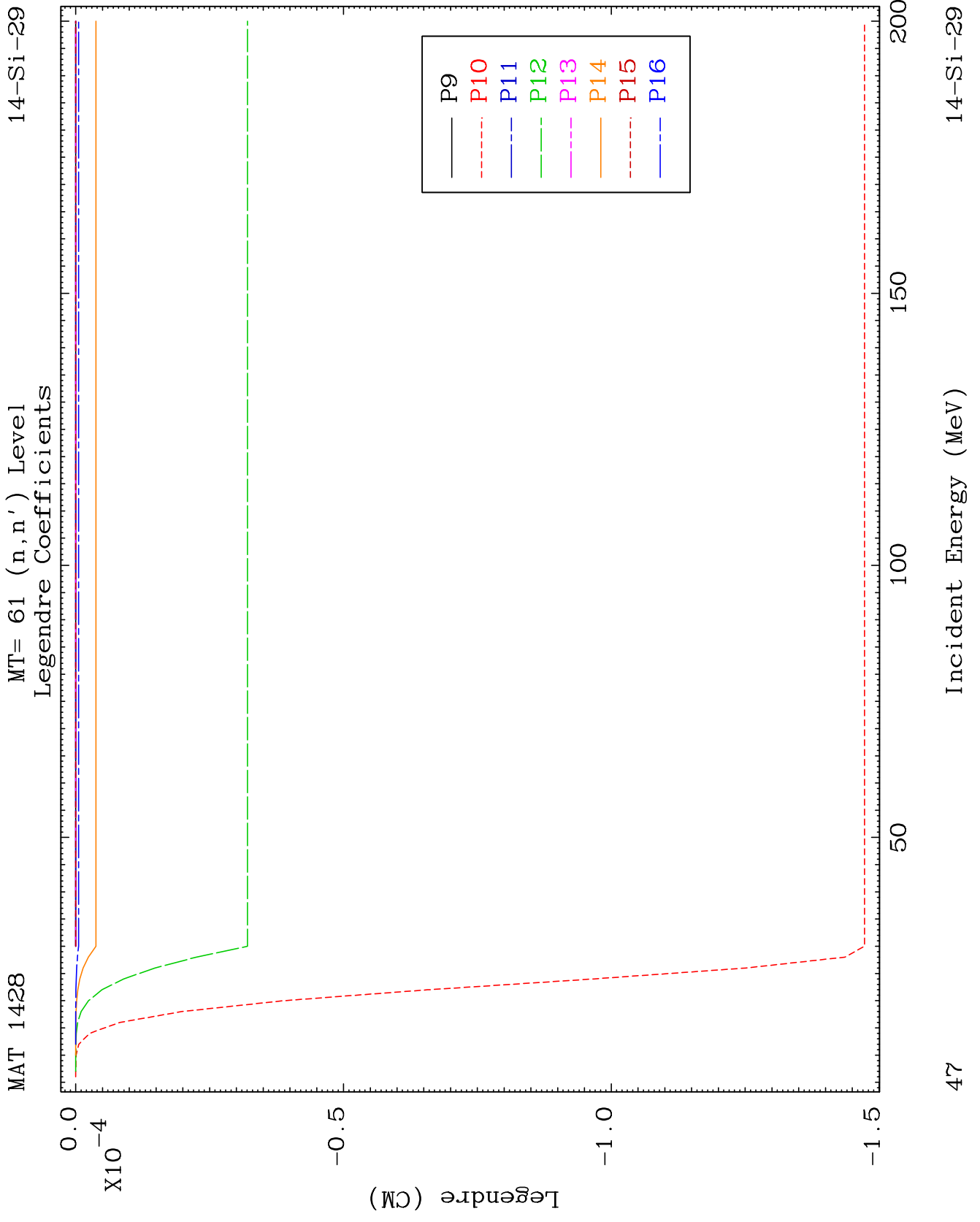
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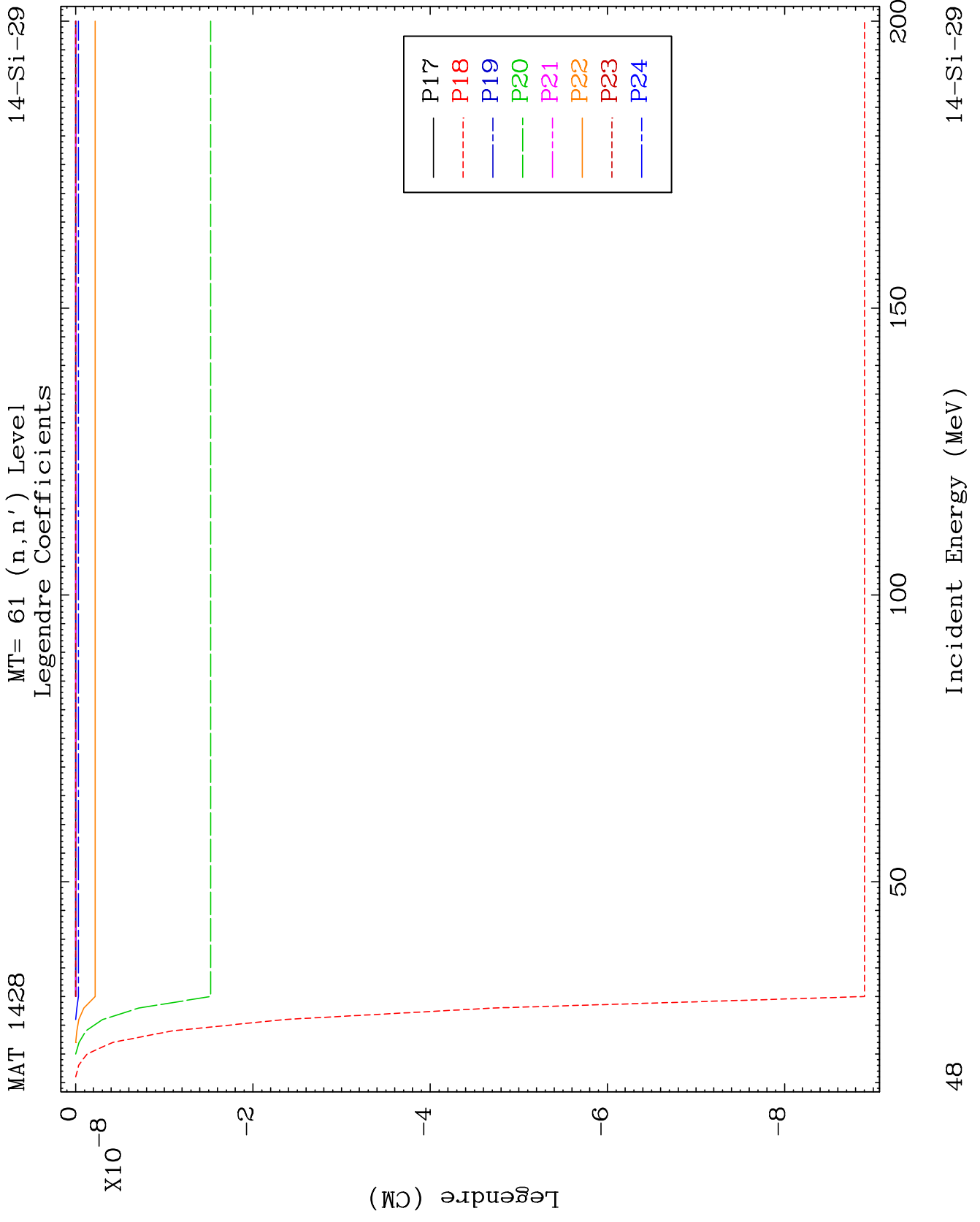








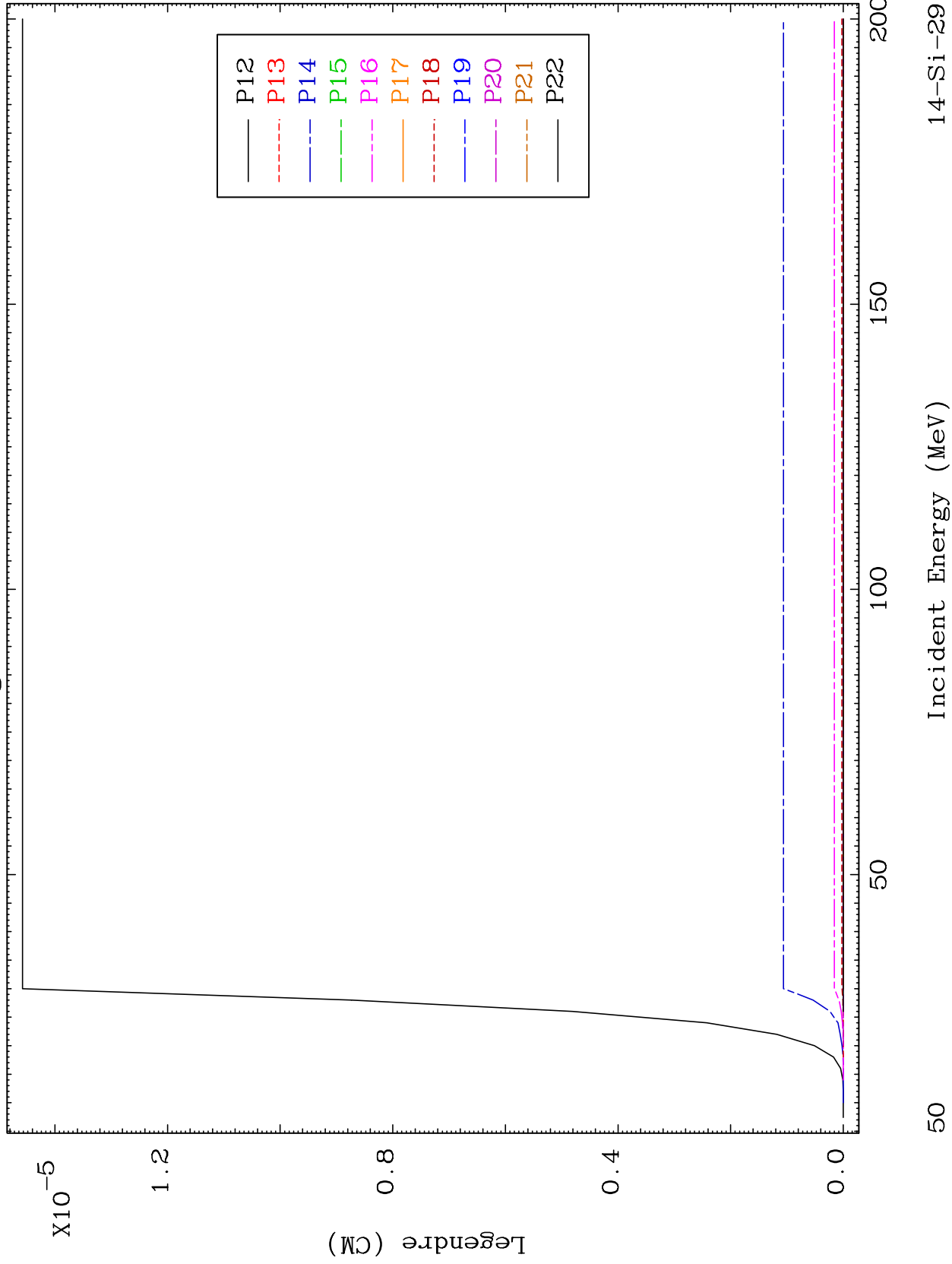


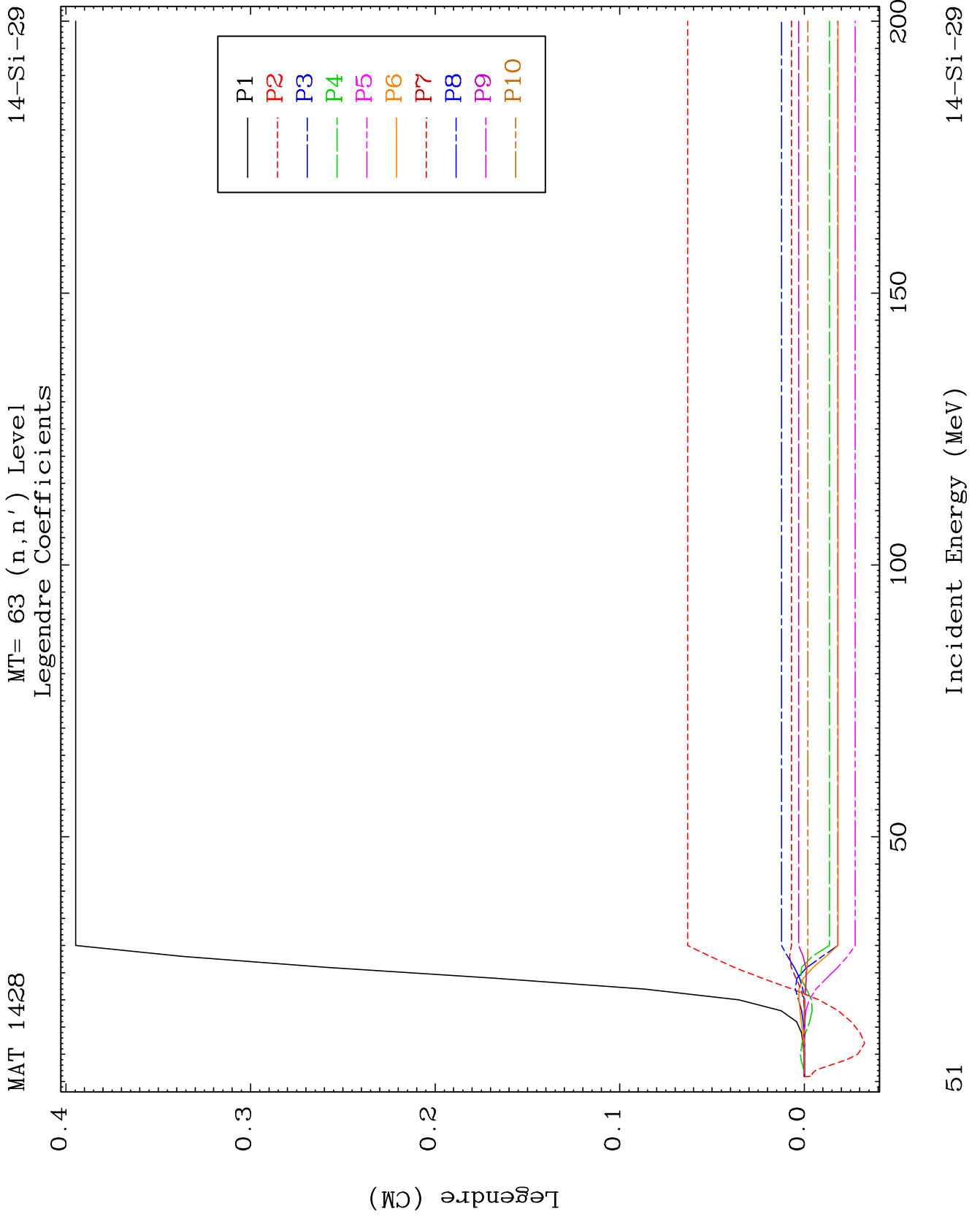


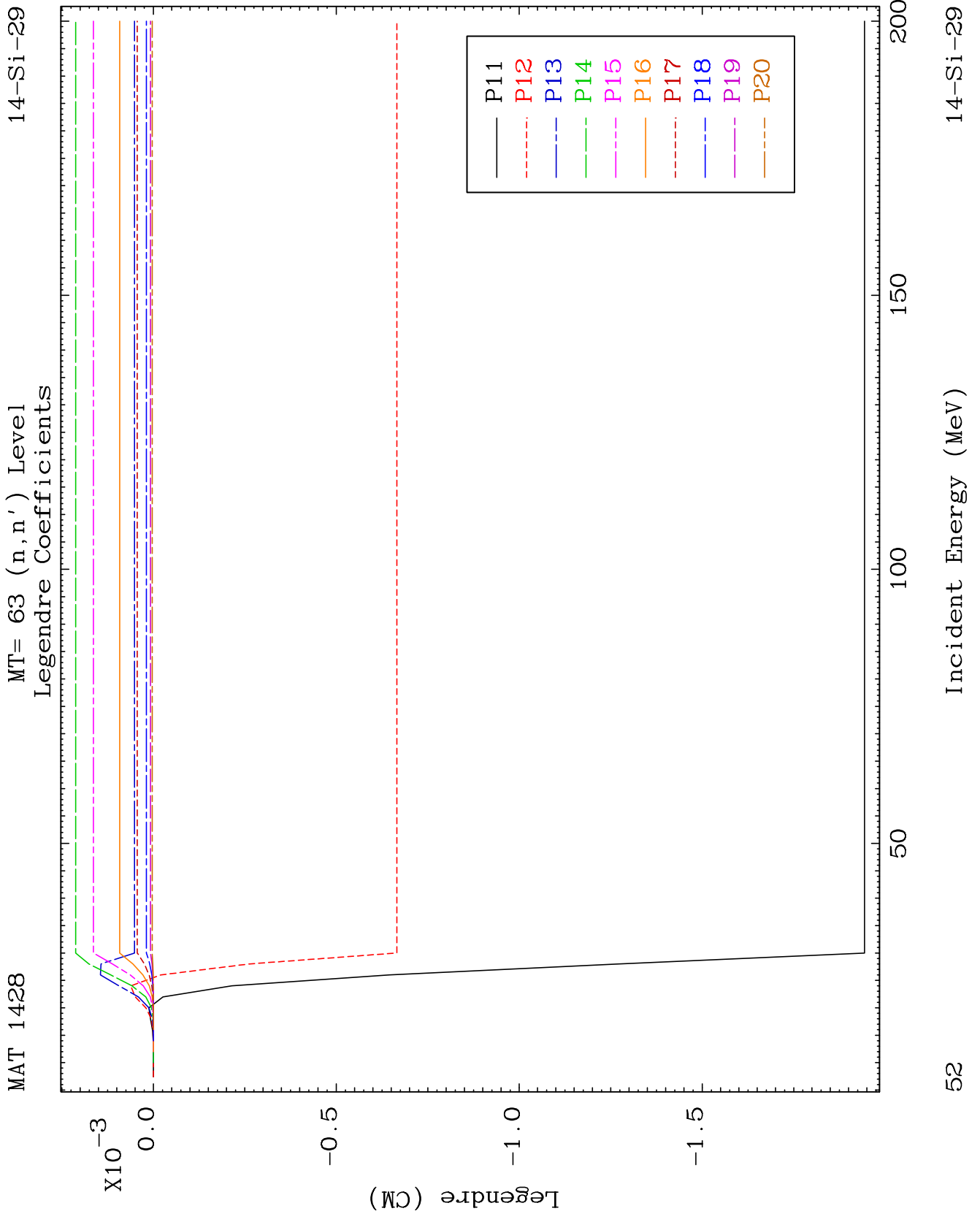
MAT 1428

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

14-Si-29



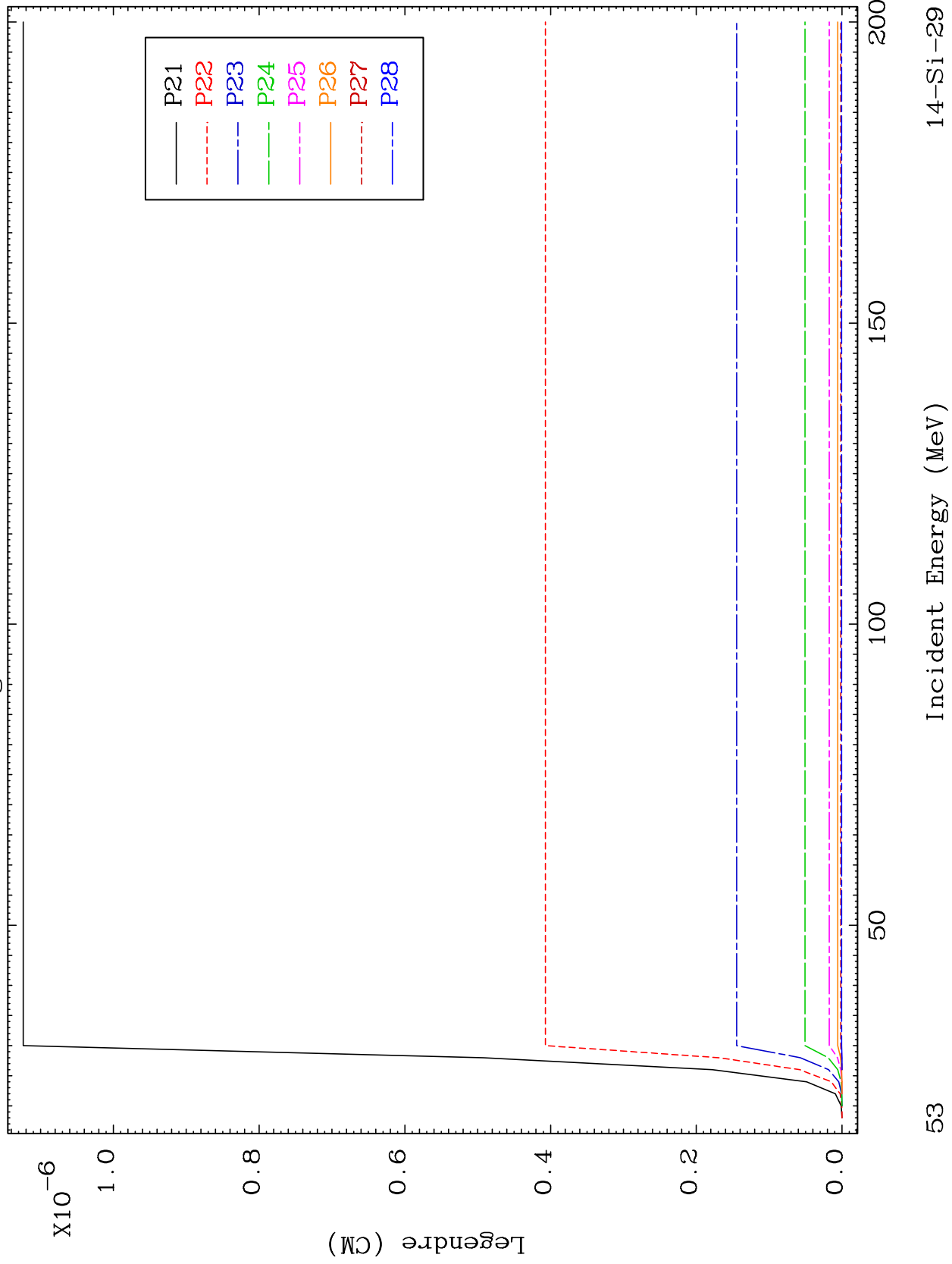




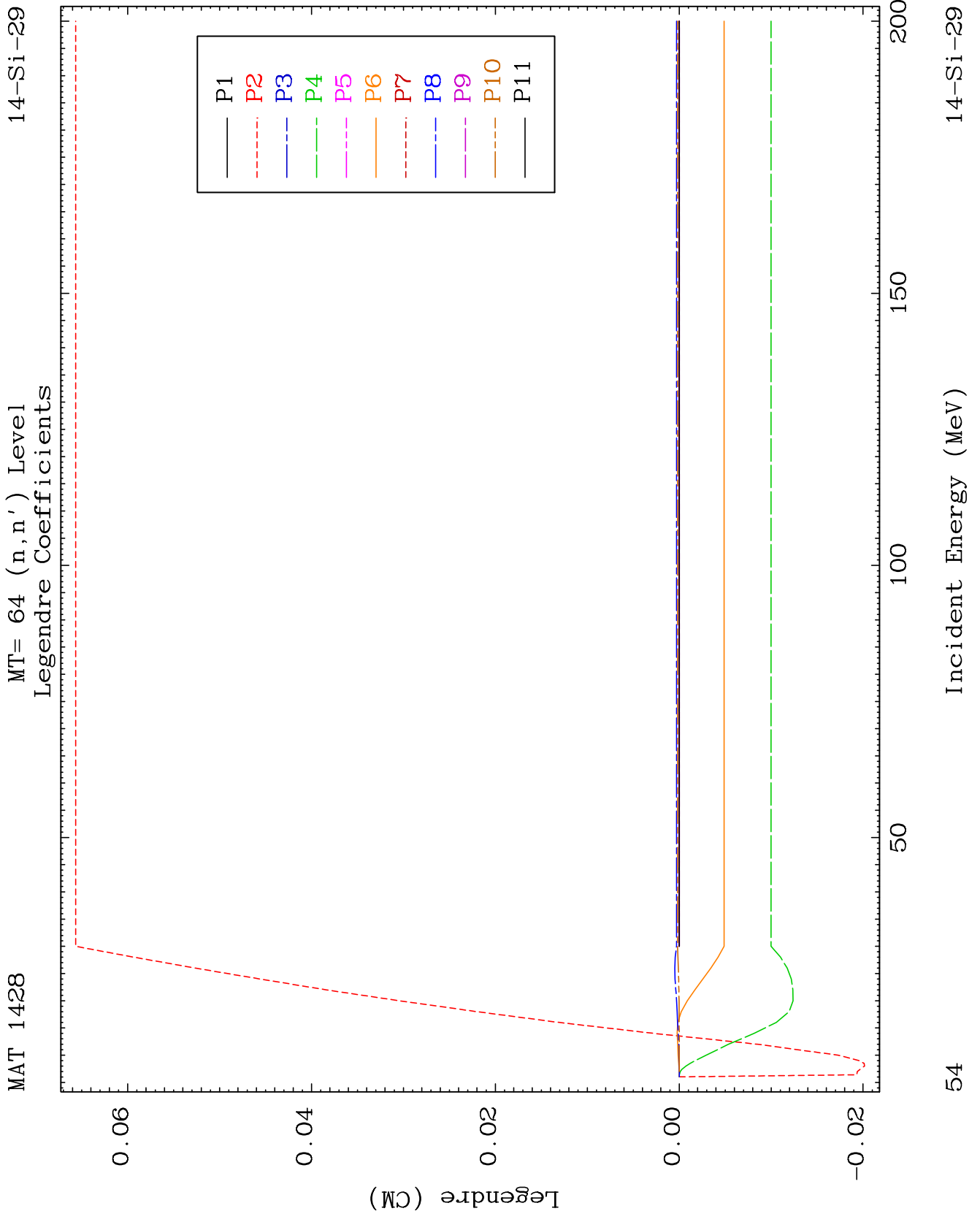
MAT 1428

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

14-Si-29



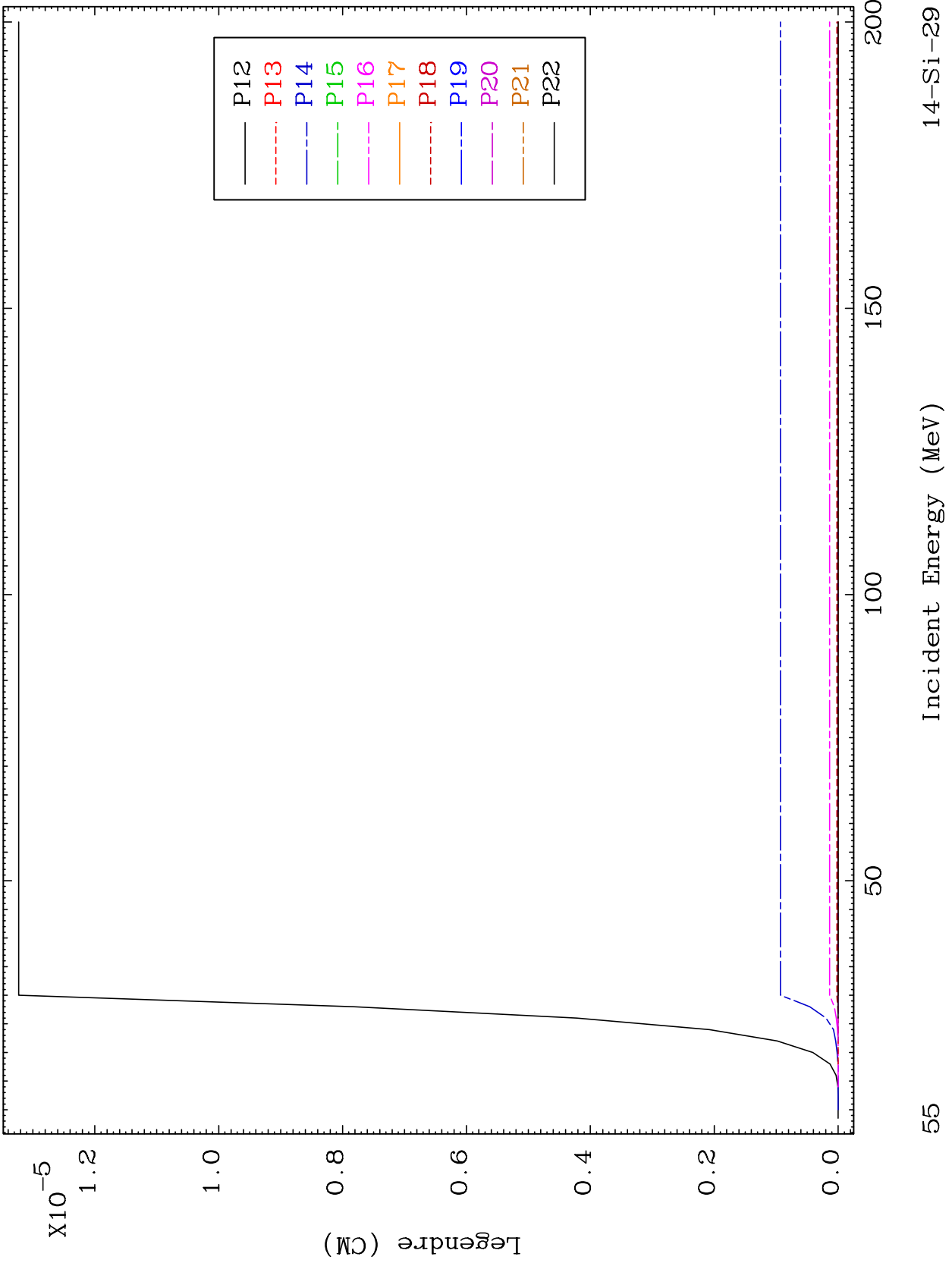
53



MAT 1428

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

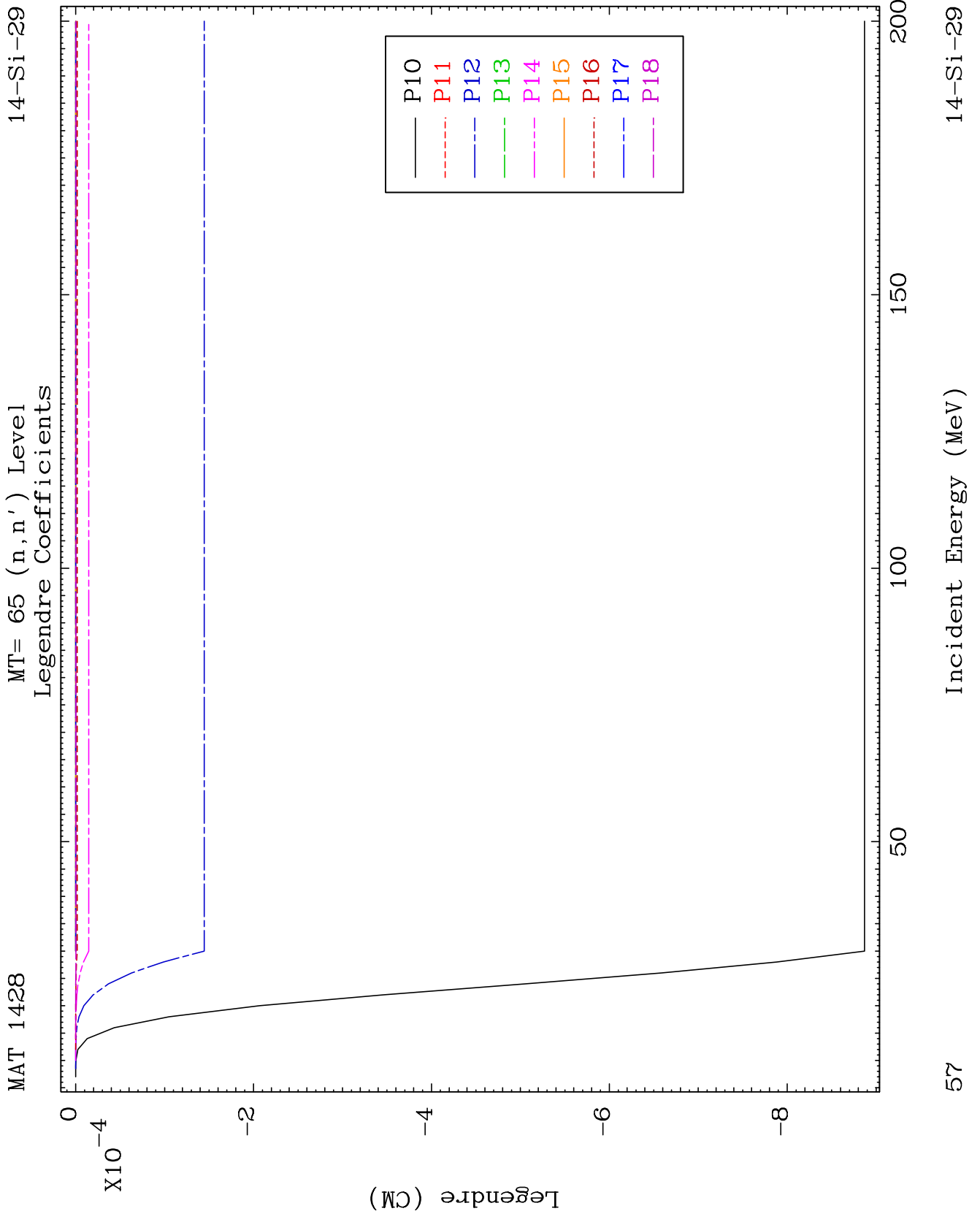
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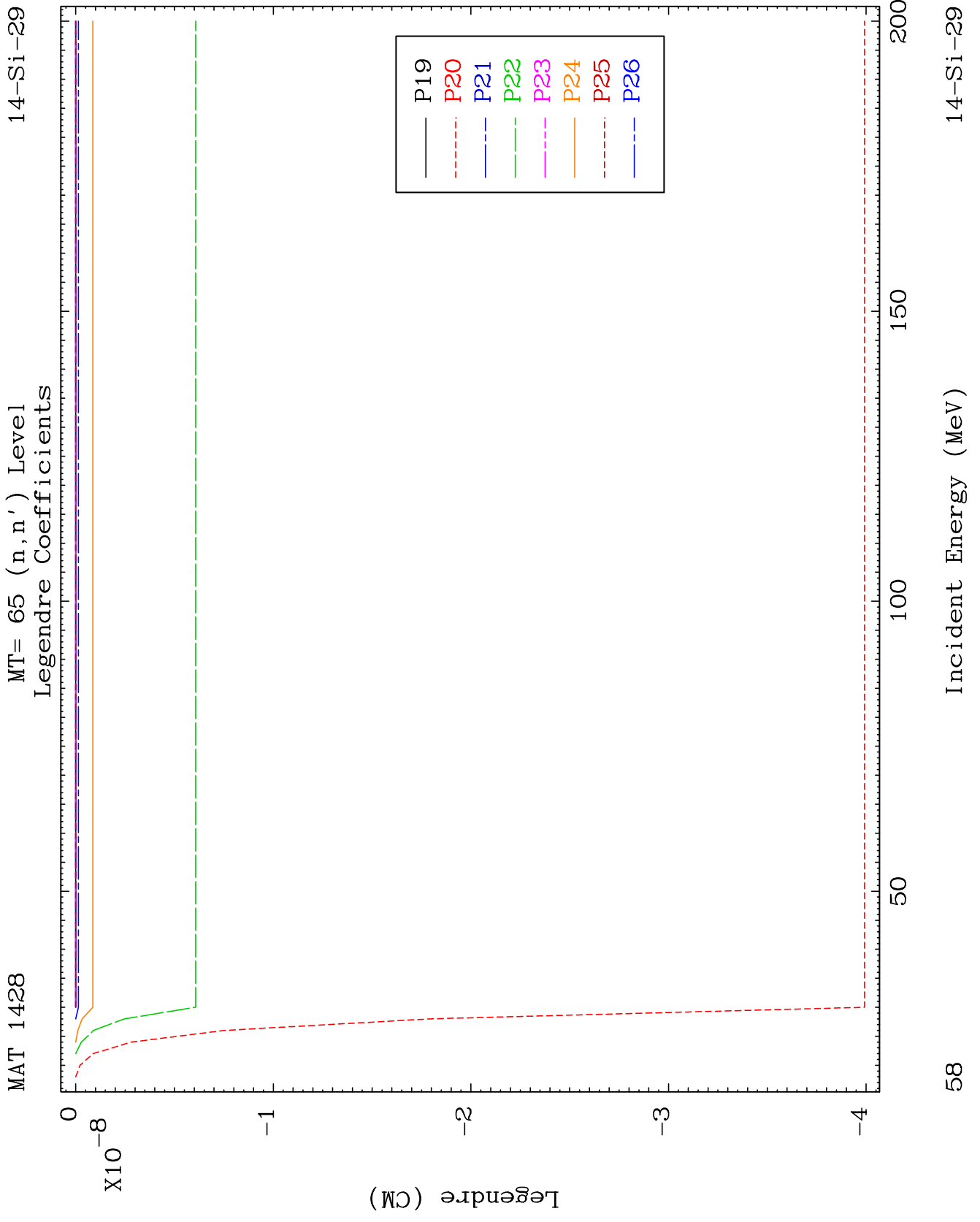


55

Incident Energy (MeV)

14-Si-29

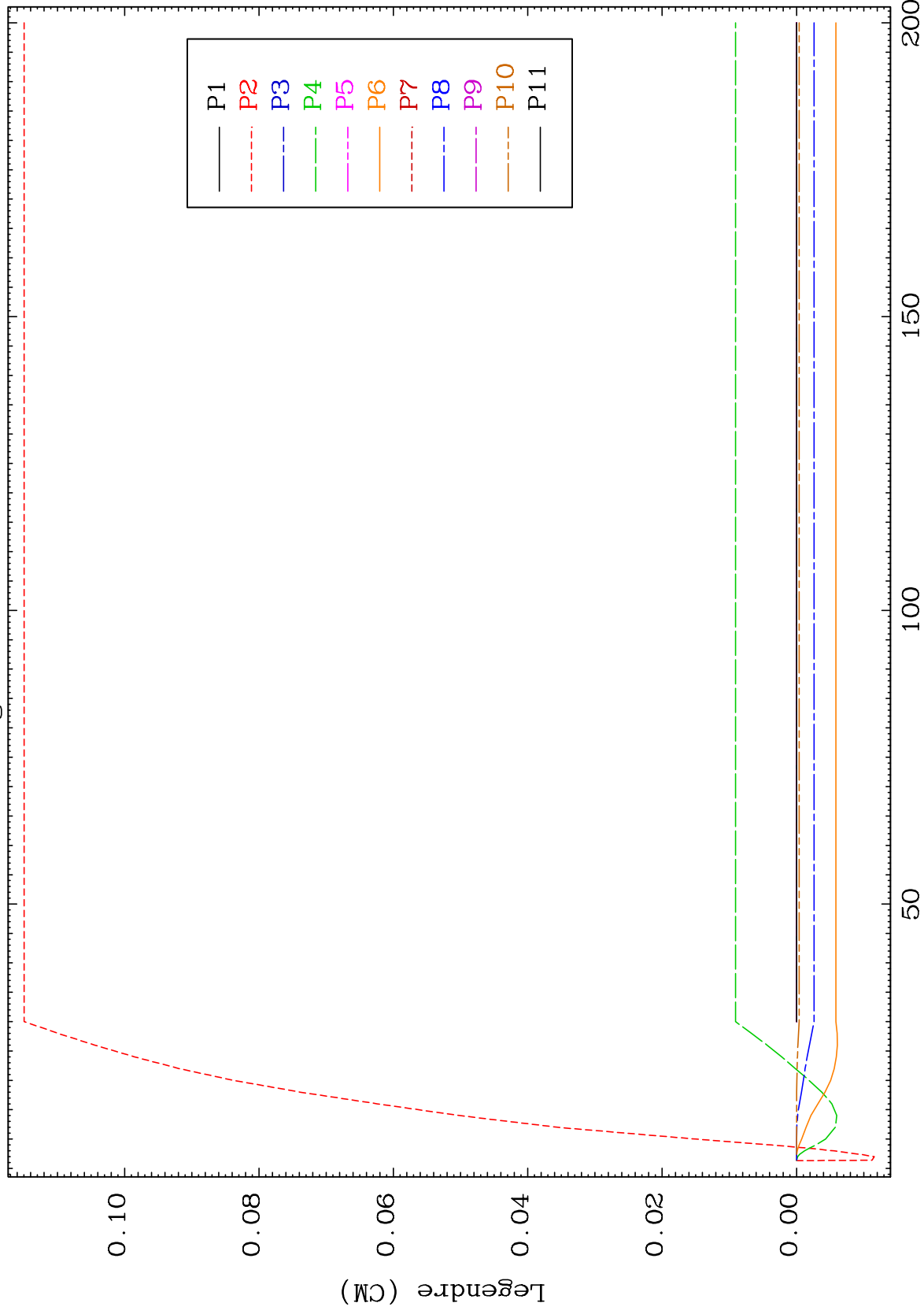




MAT 1428

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

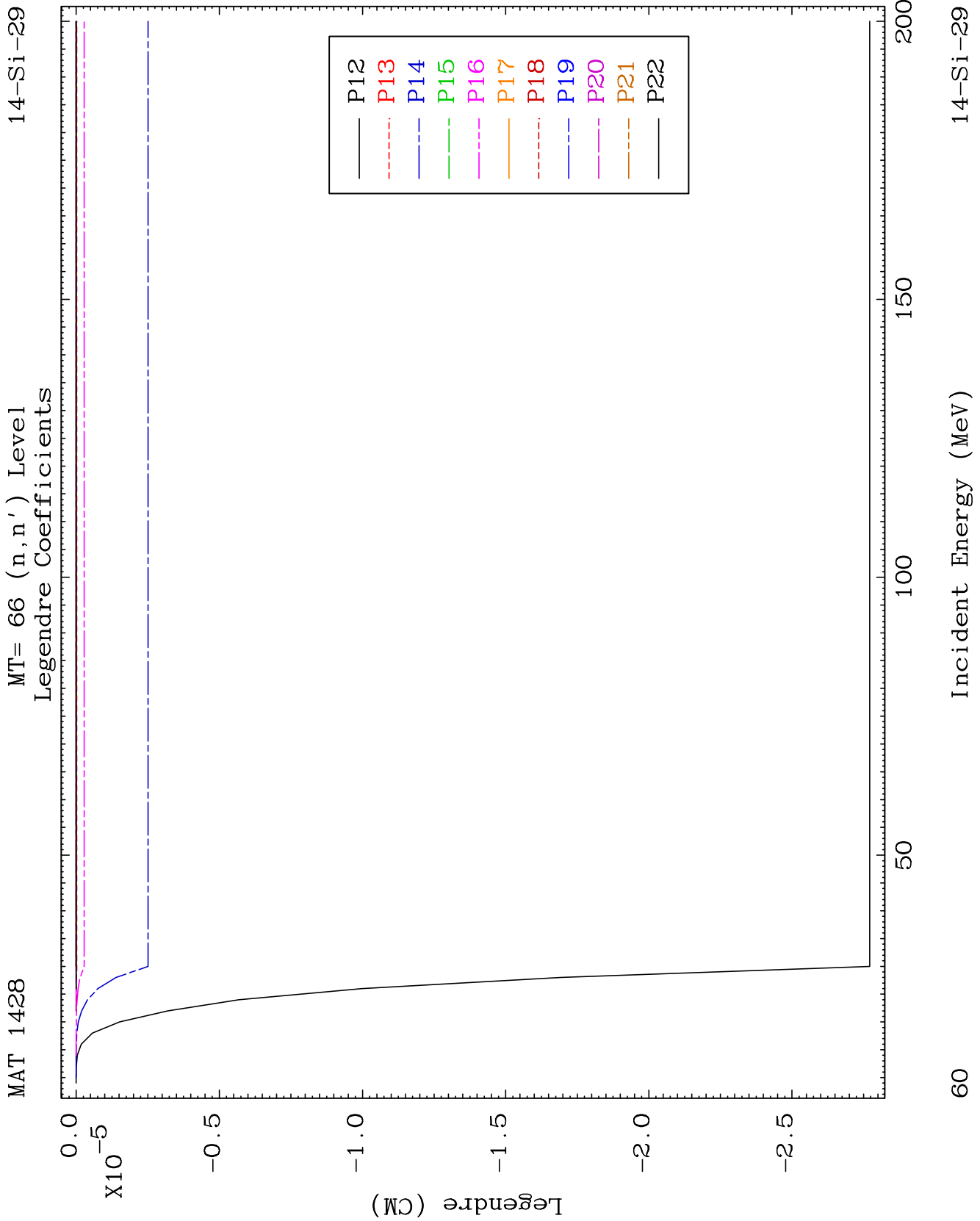
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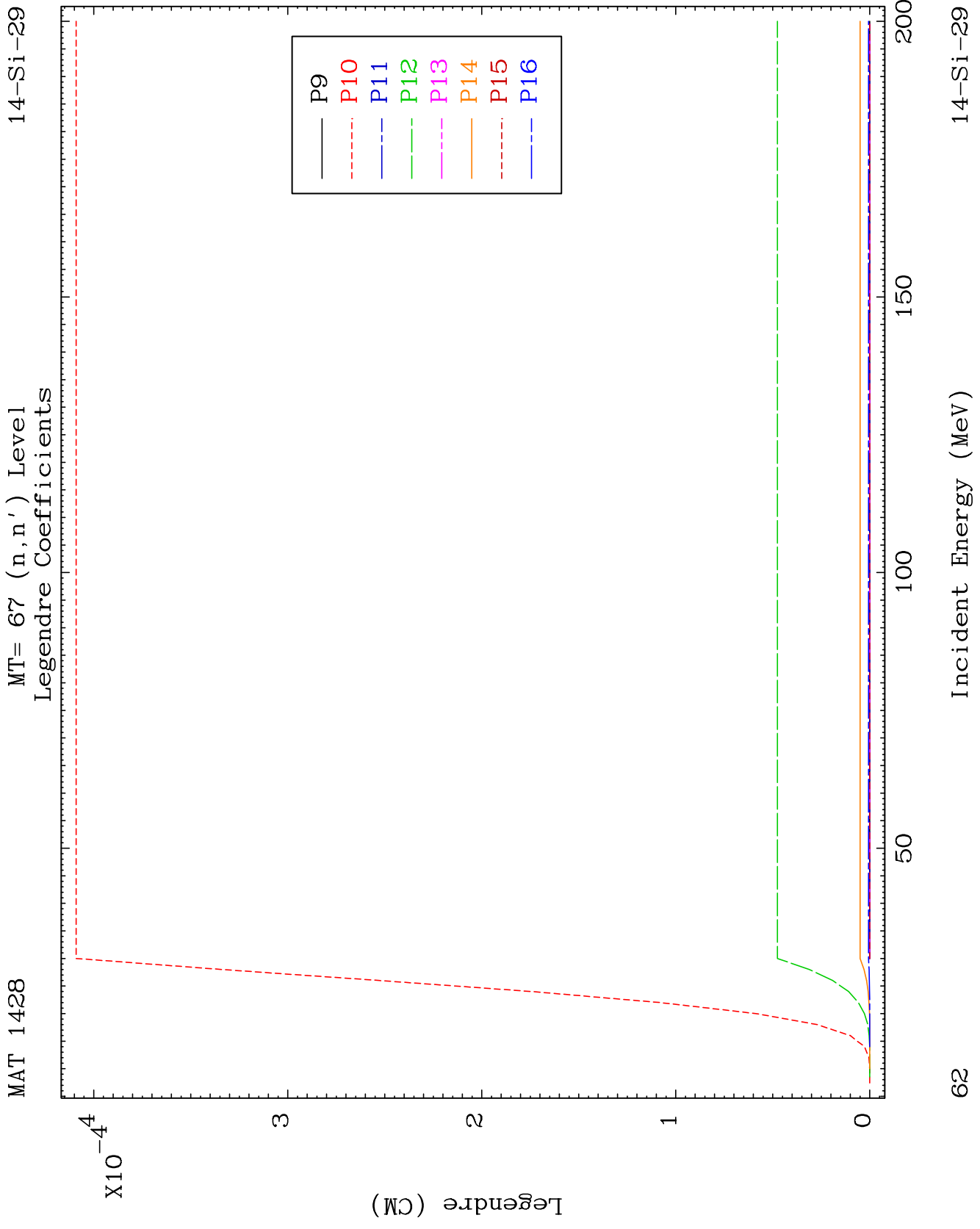


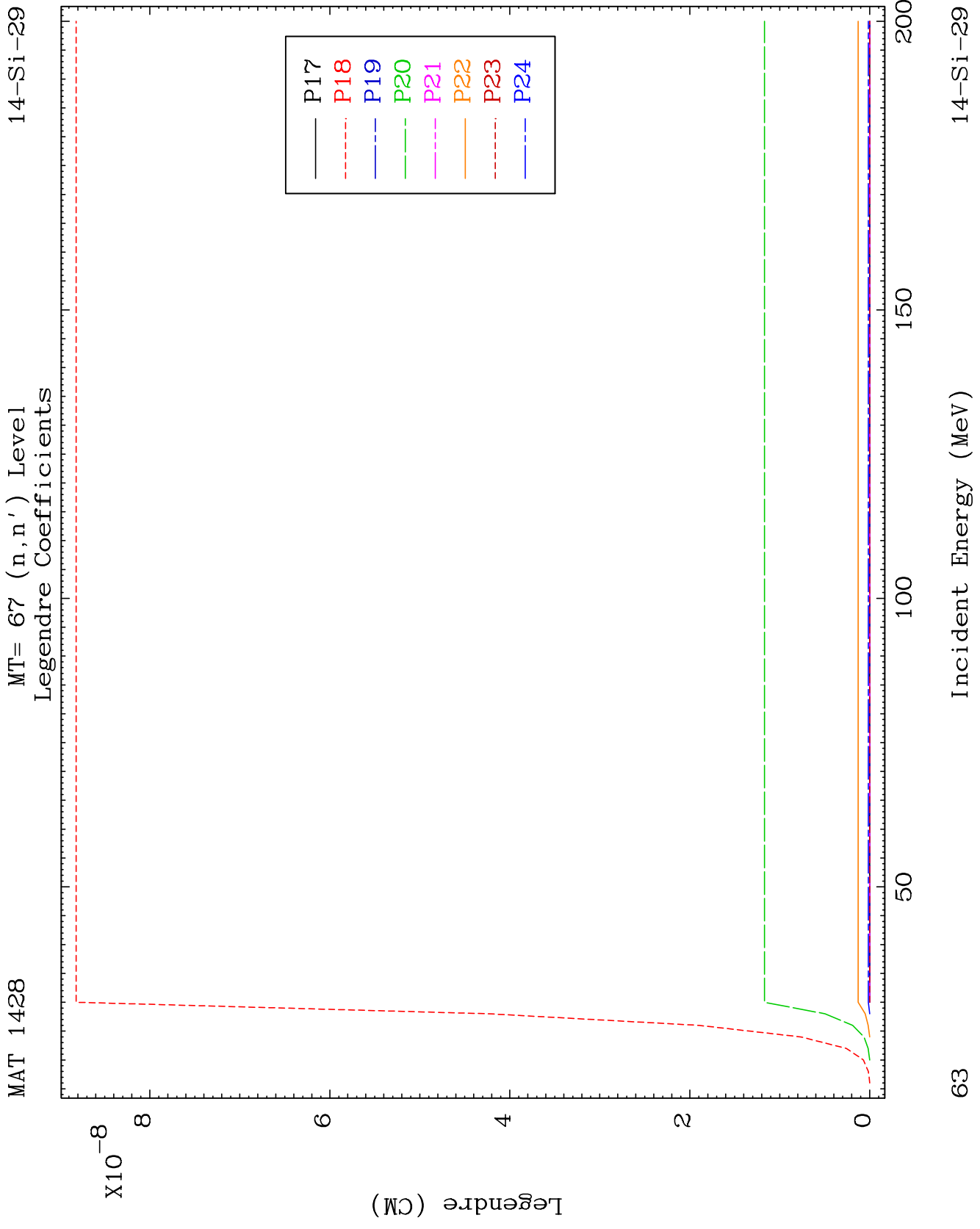
14-Si-29

Incident Energy (MeV)

59



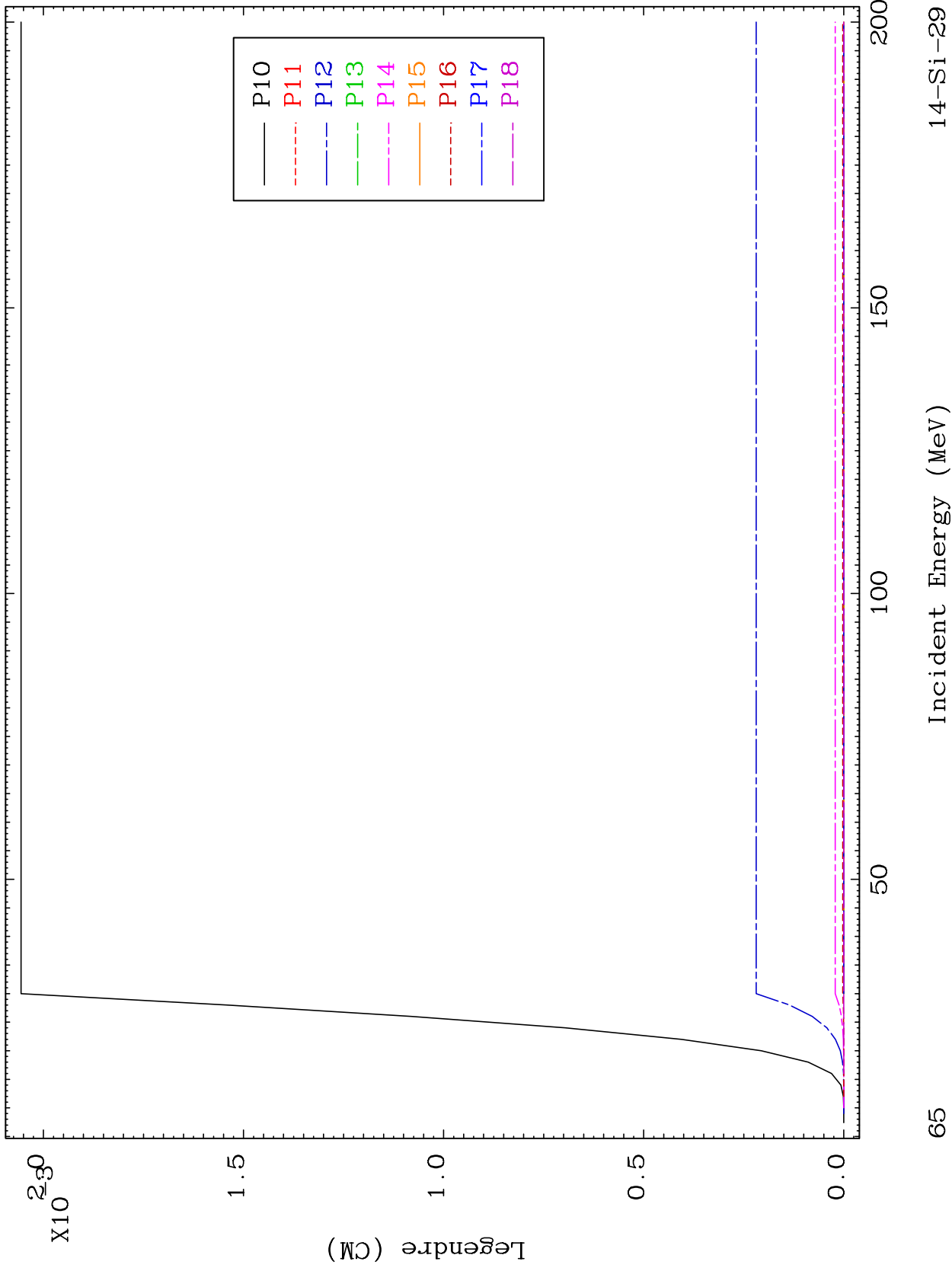


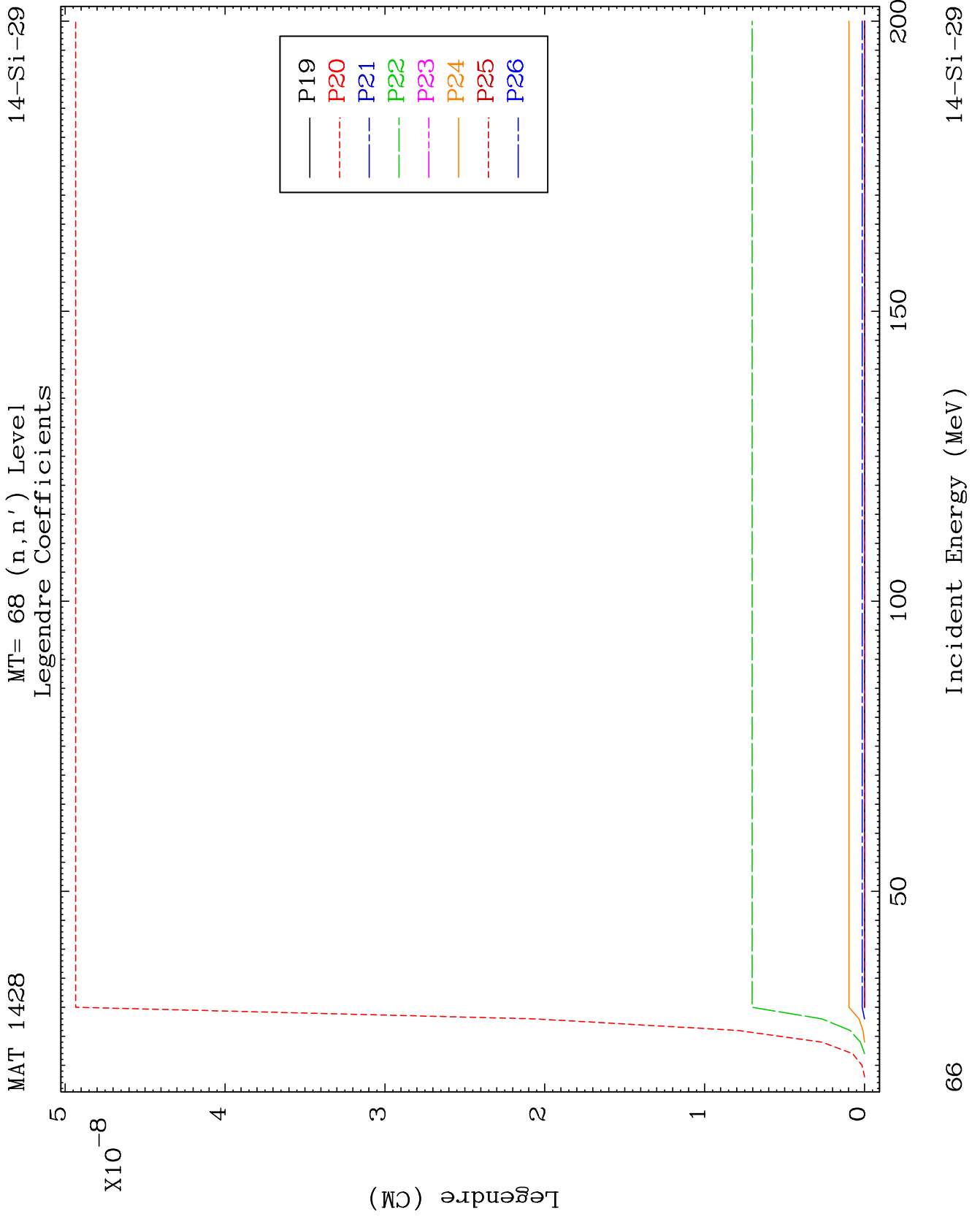


MAT 1428

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

14-Si-29

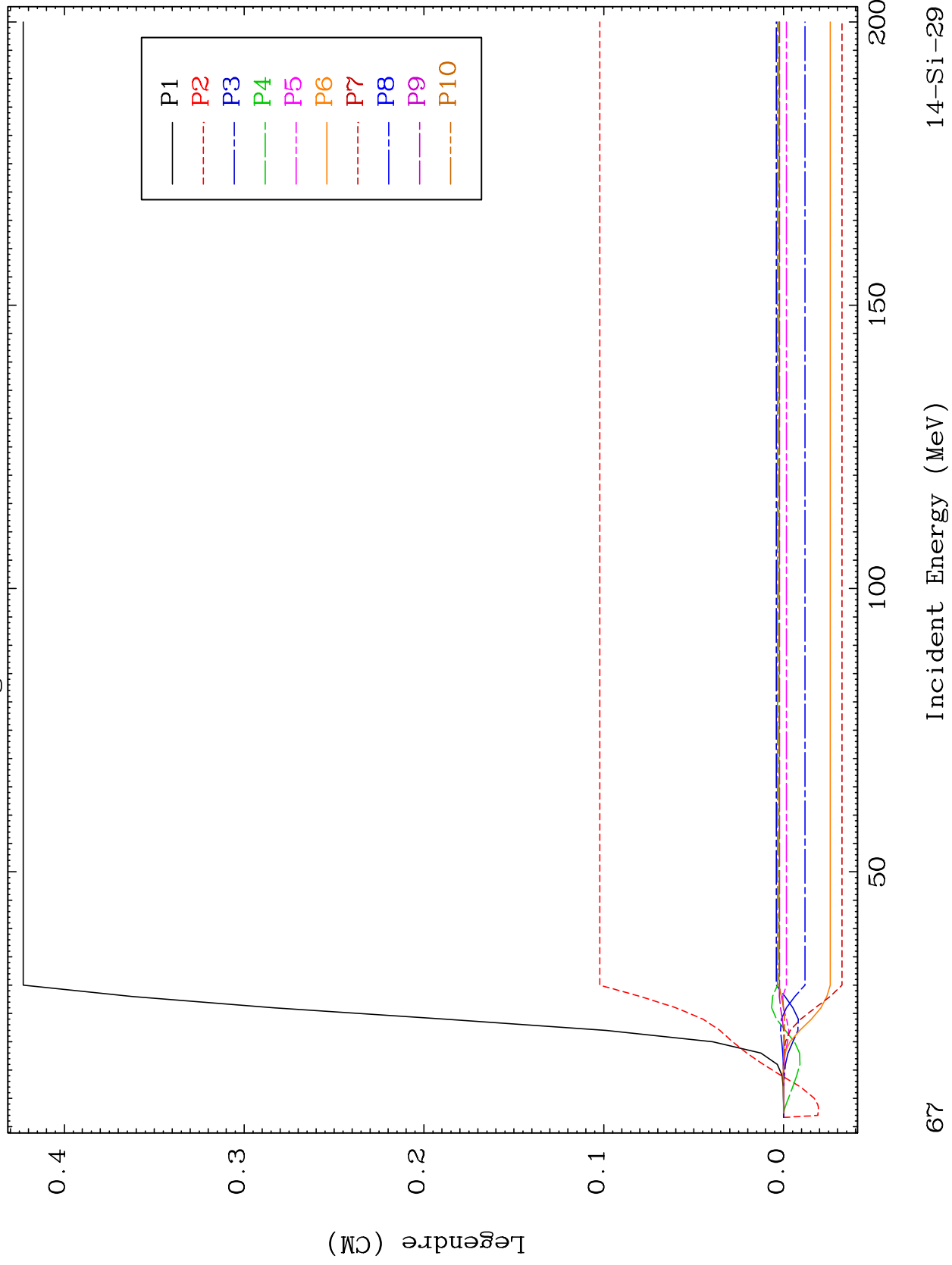




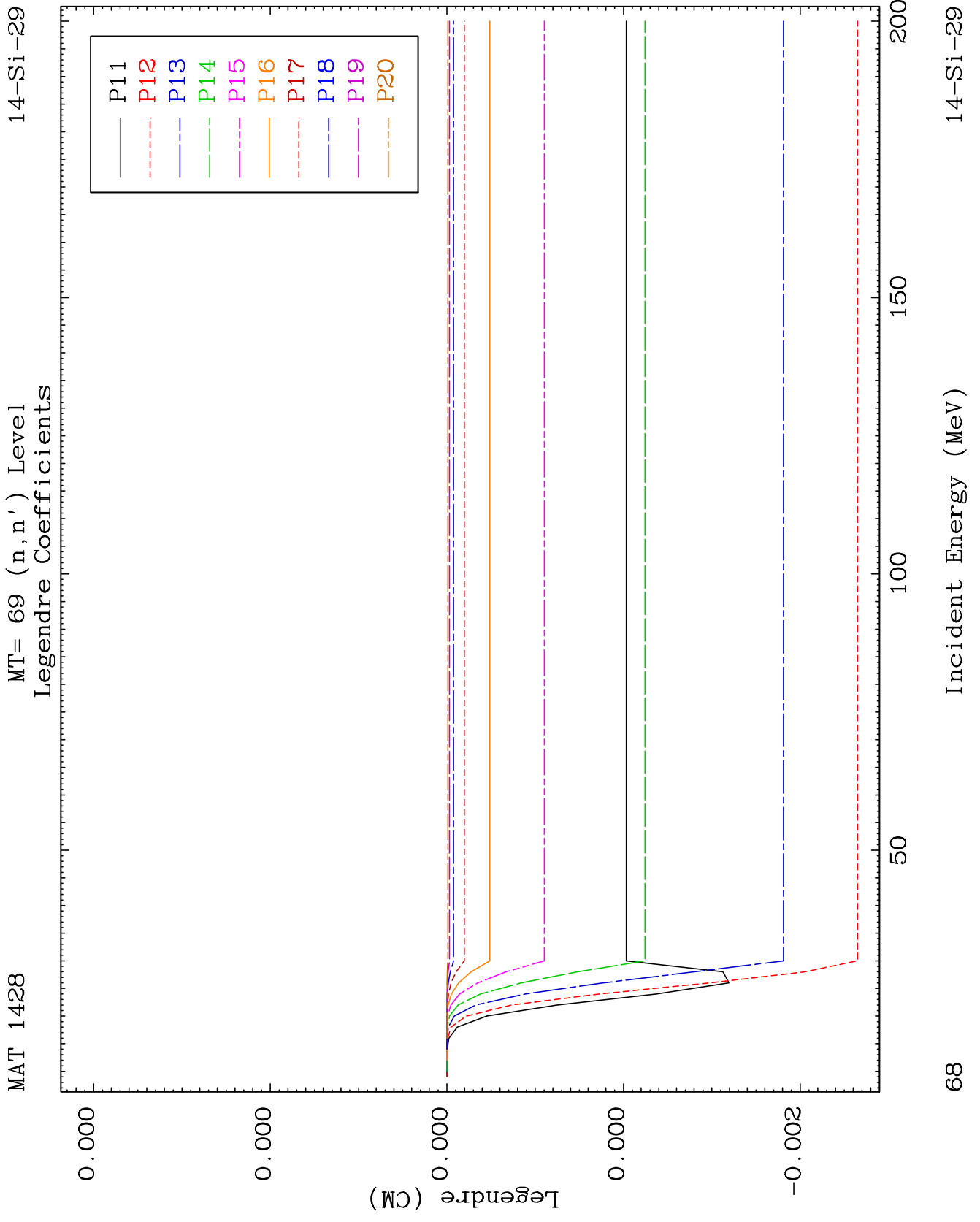
MAT 1428

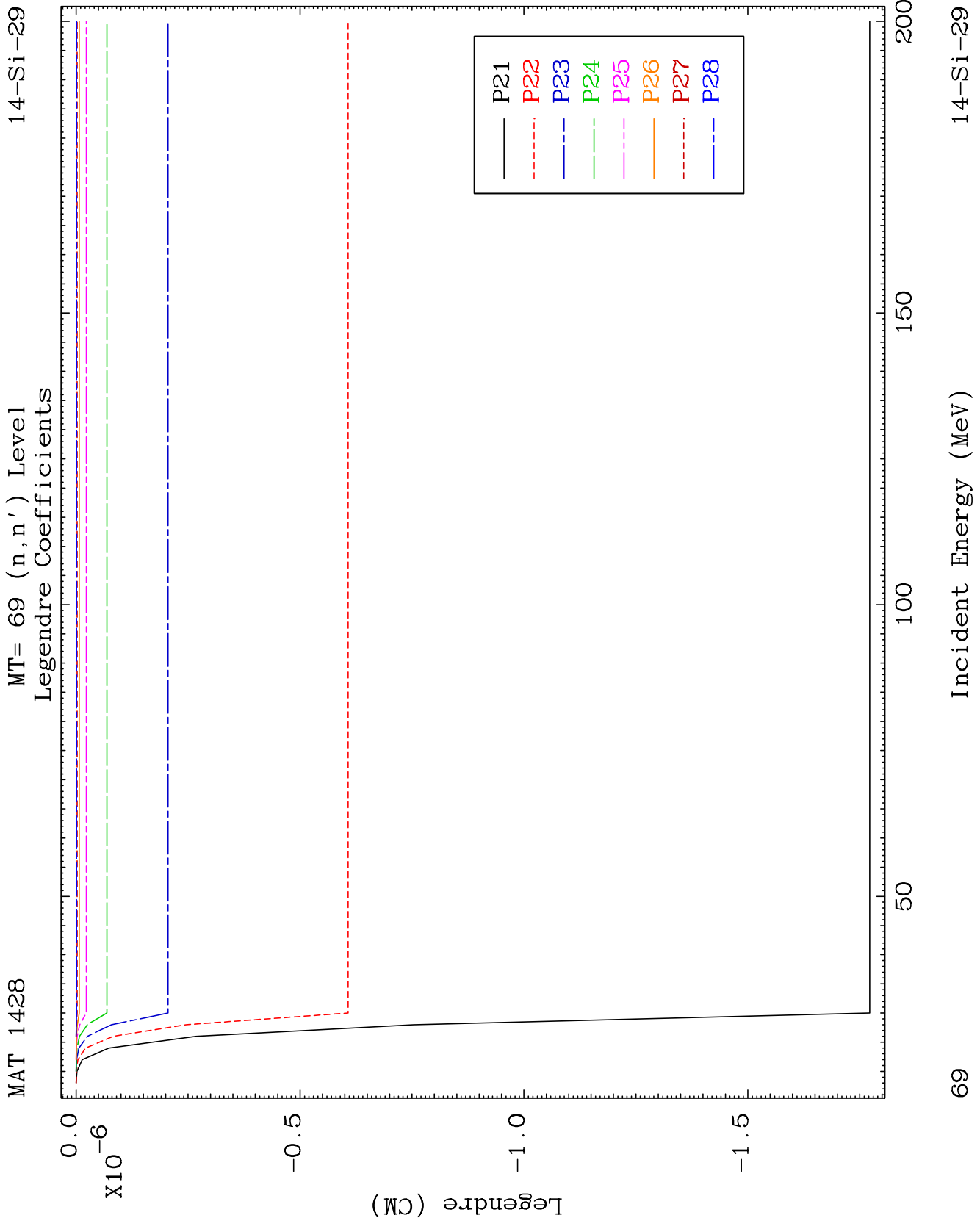
MT= 69 (n,n') Level
Legendre Coefficients

14-Si-29



67

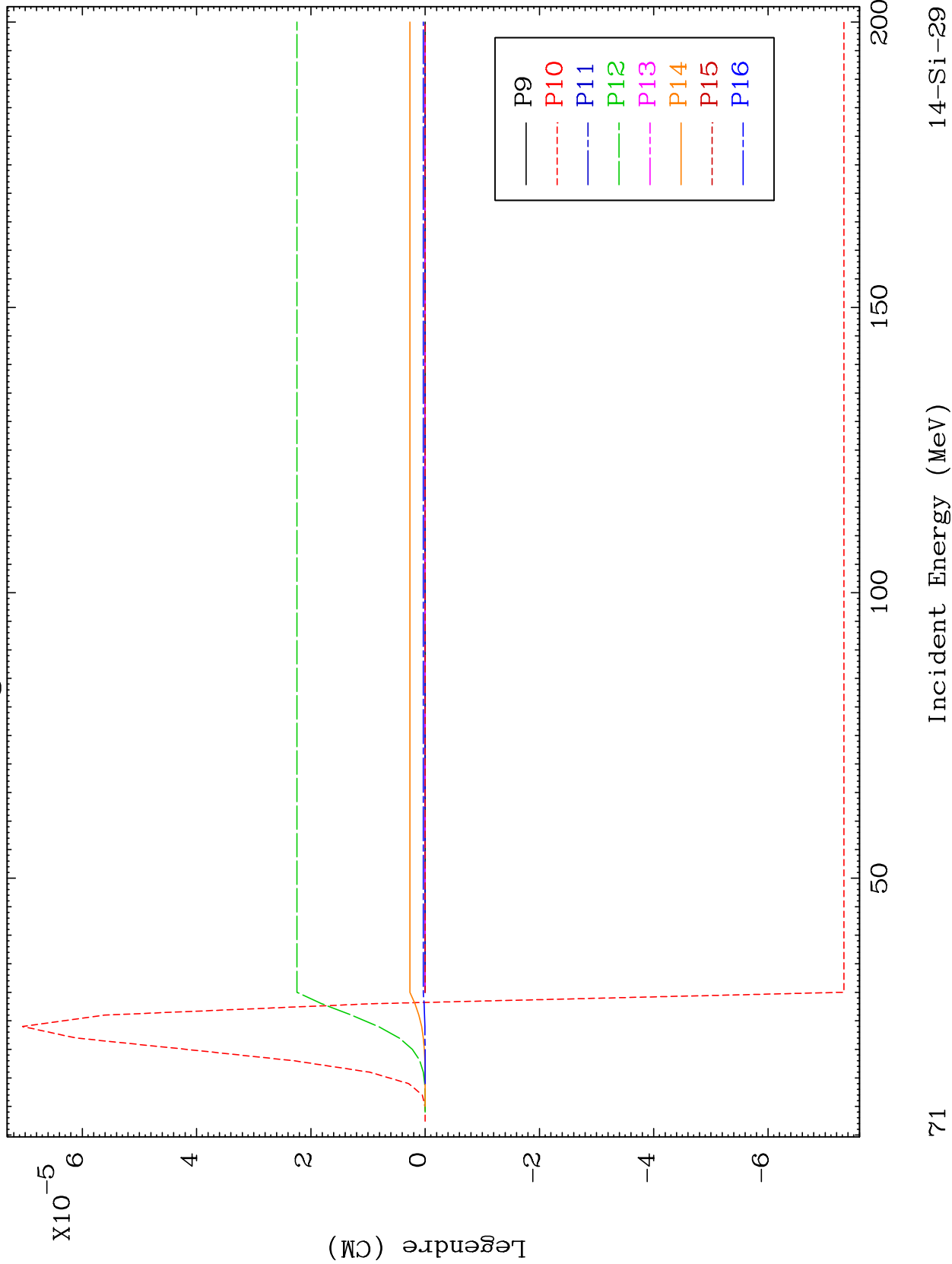




MAT 1428

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

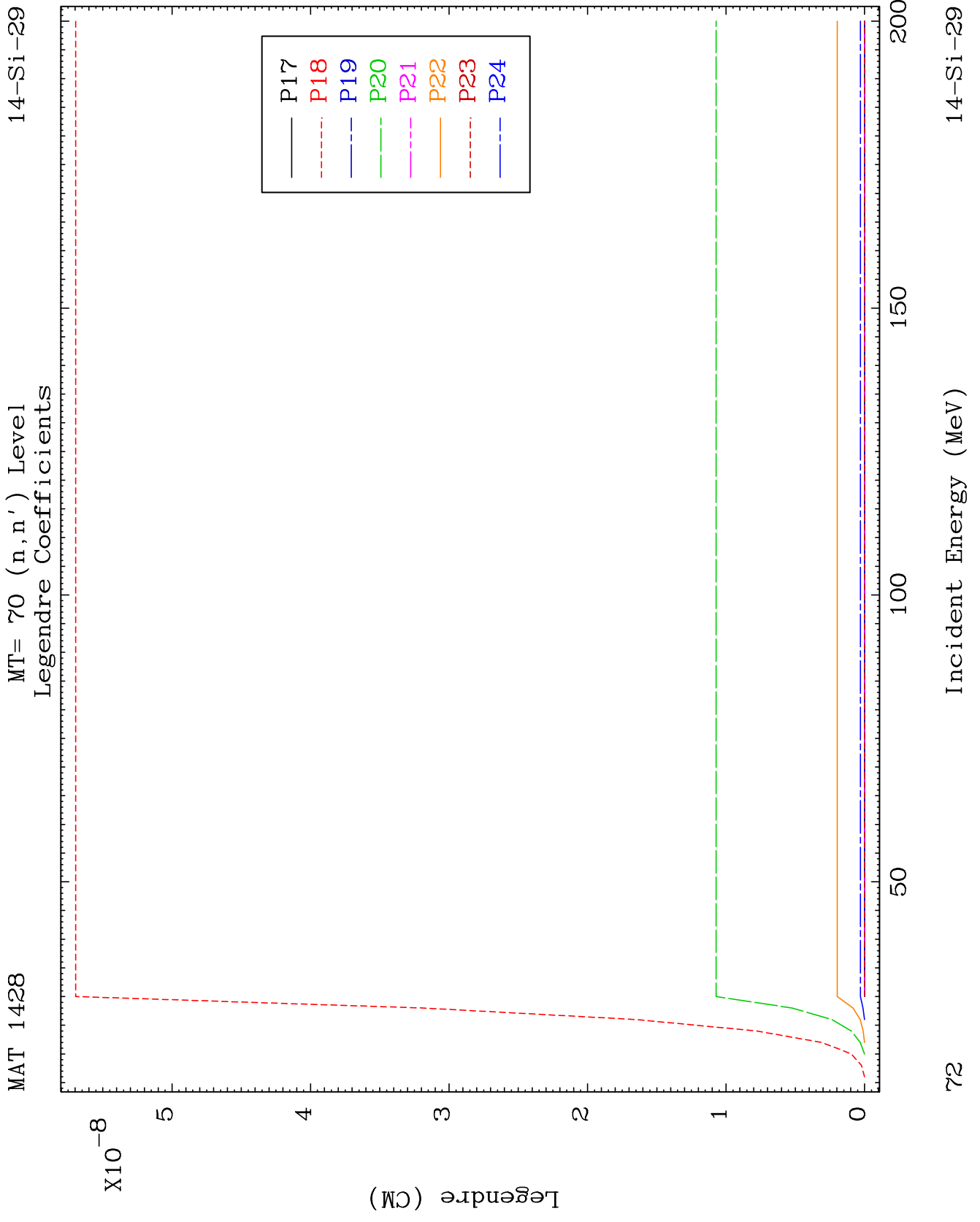
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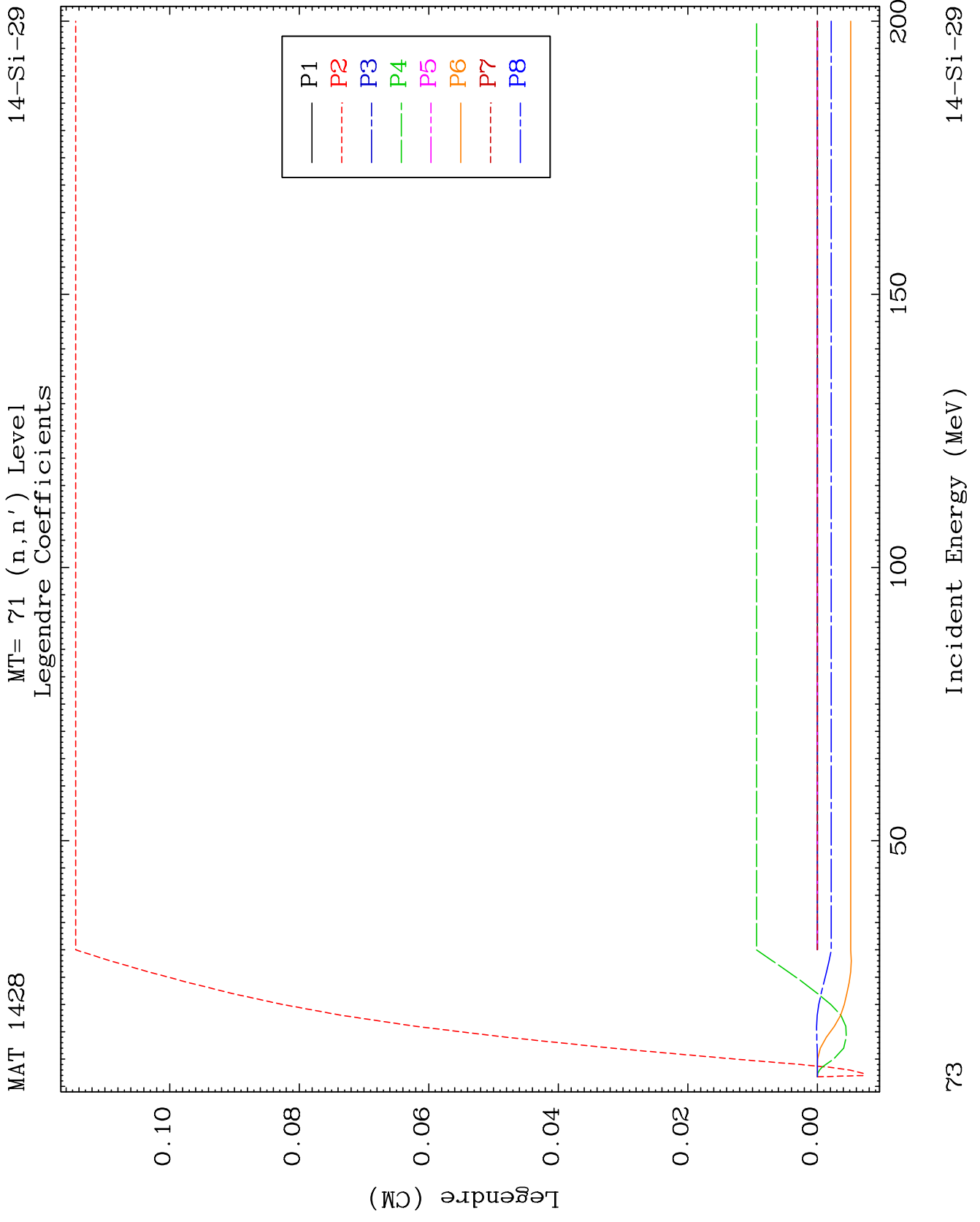


71

Incident Energy (MeV)

14-Si-29

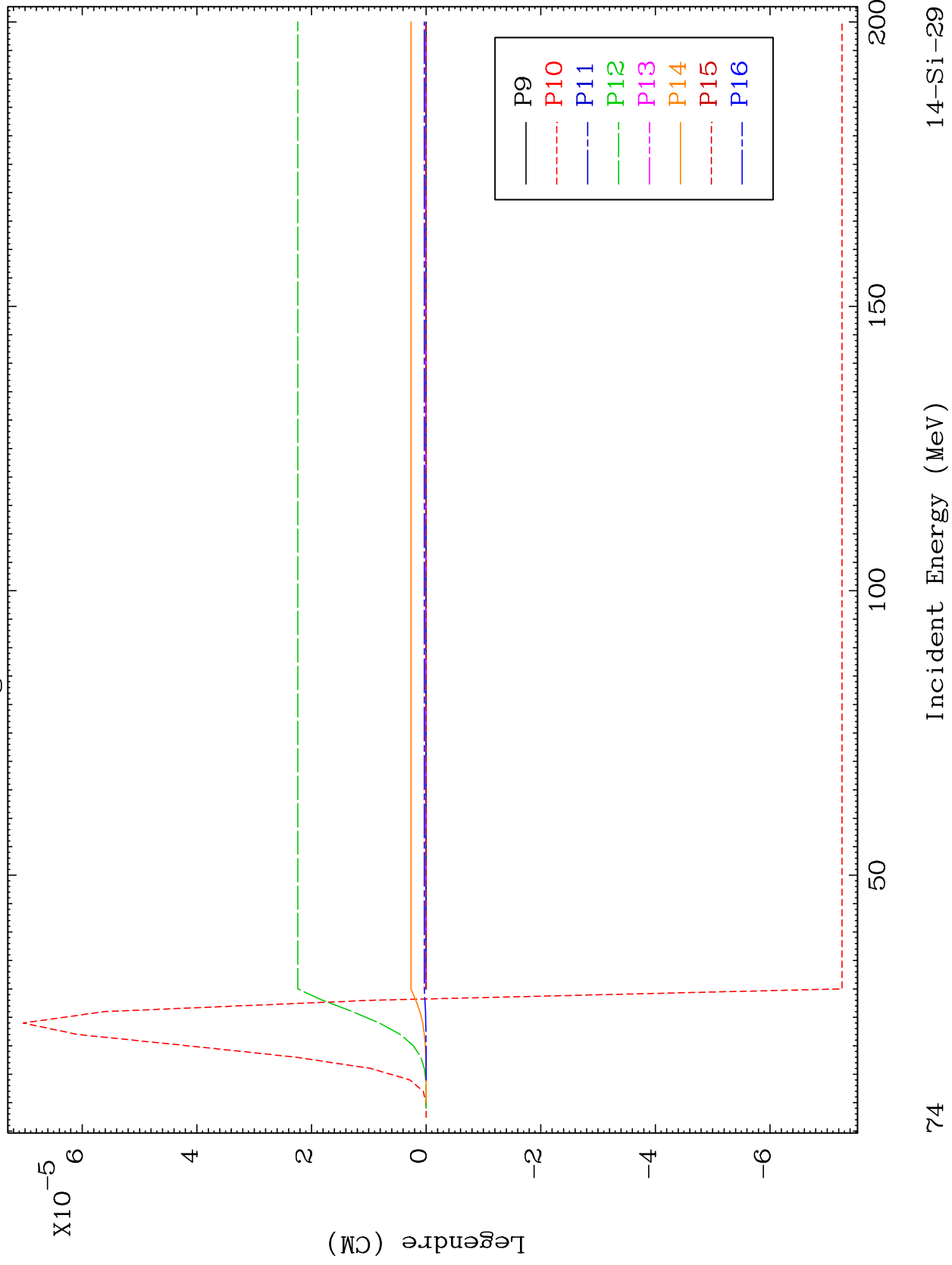


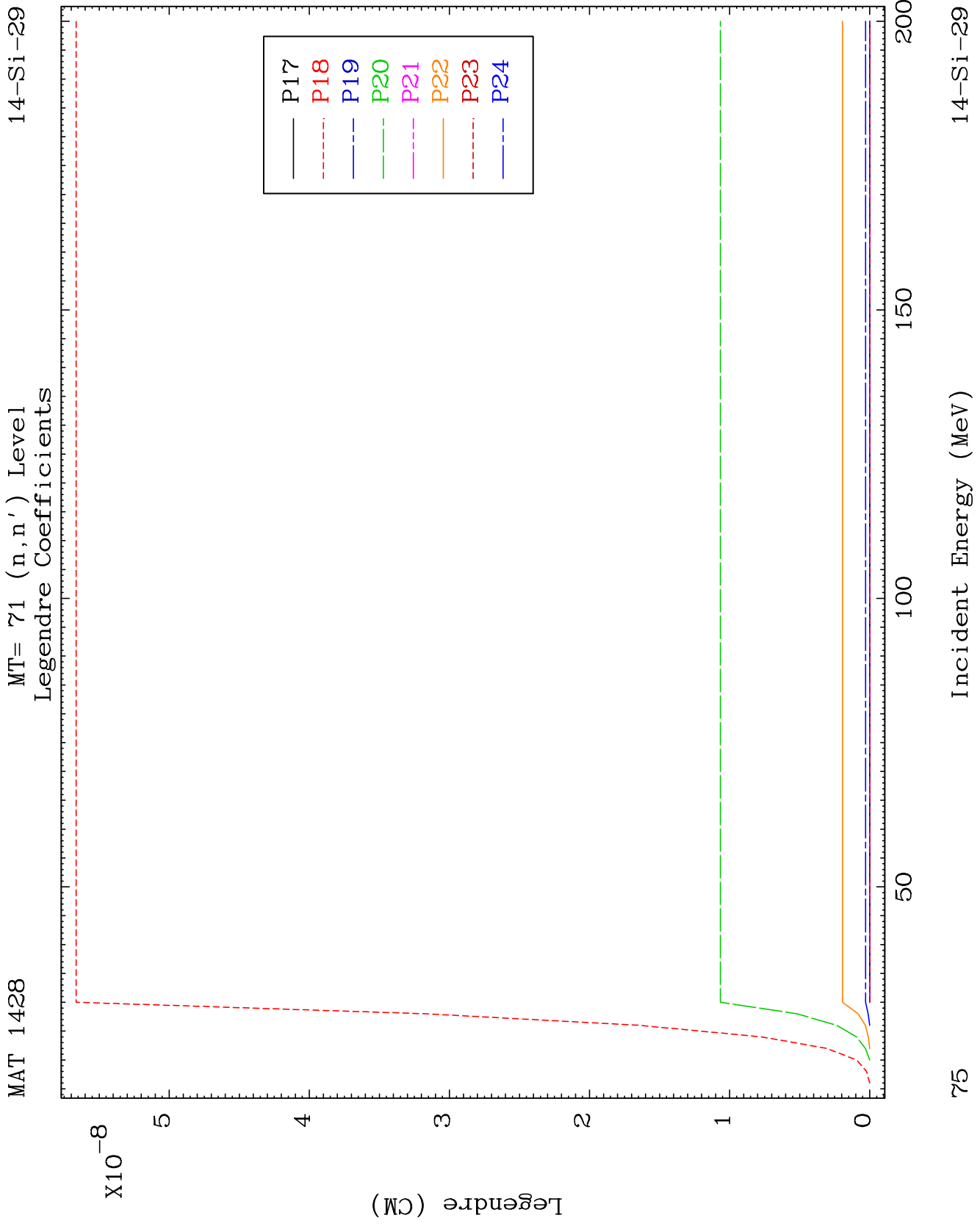


MAT 1428

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

14-Si-29

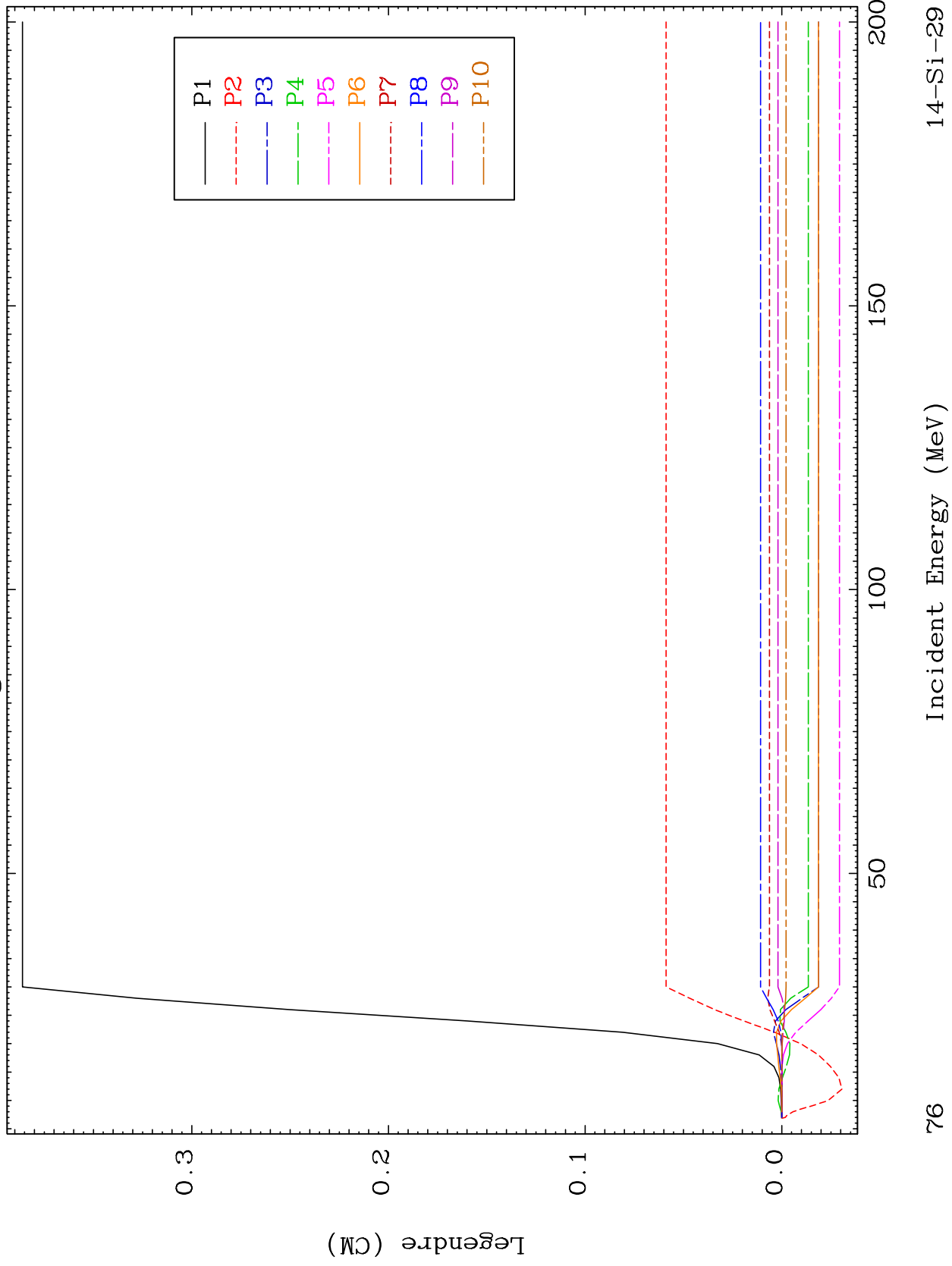




MAT 1428

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

14-Si-29

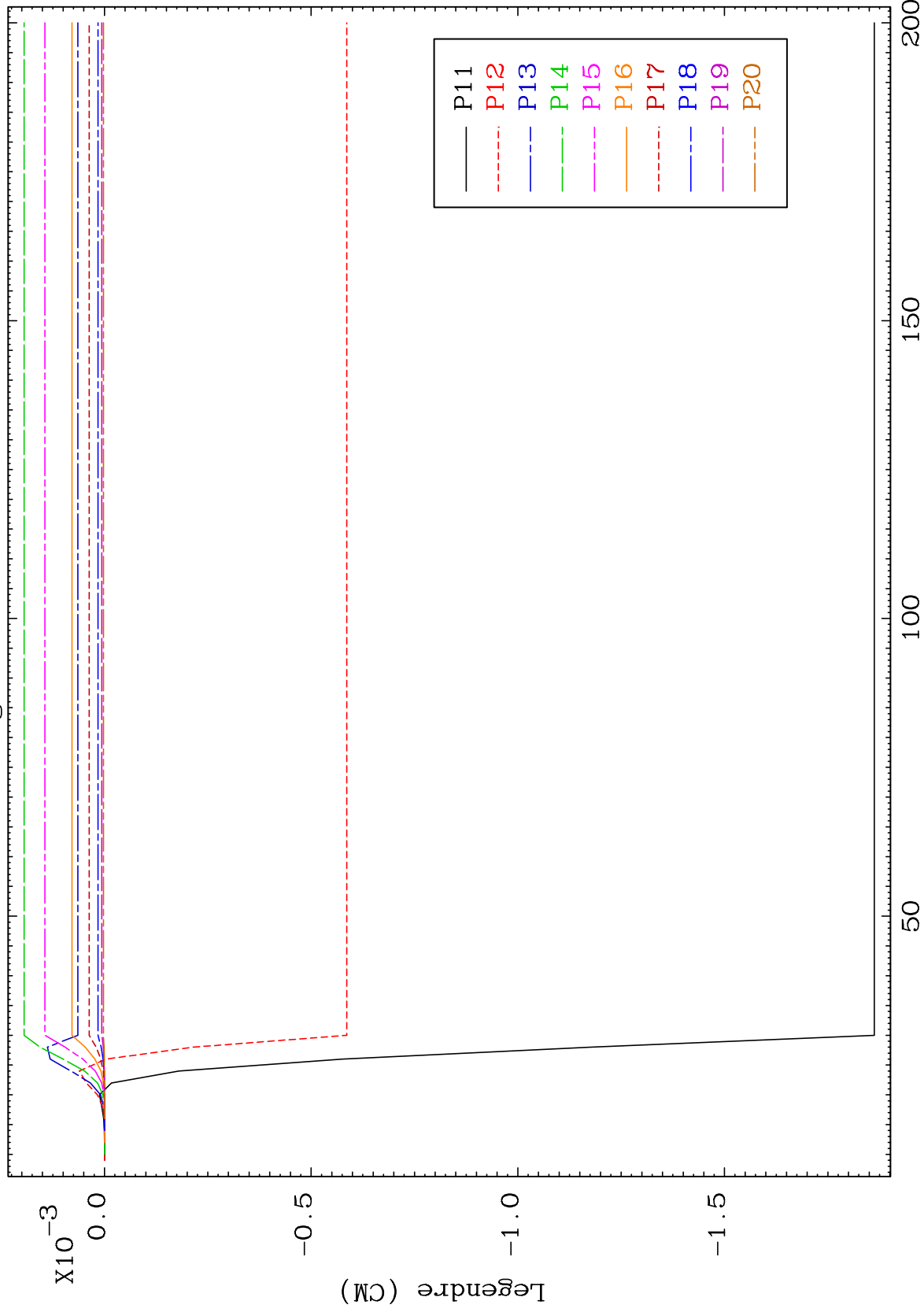


76

MAT 1428

14-Si-29

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



77

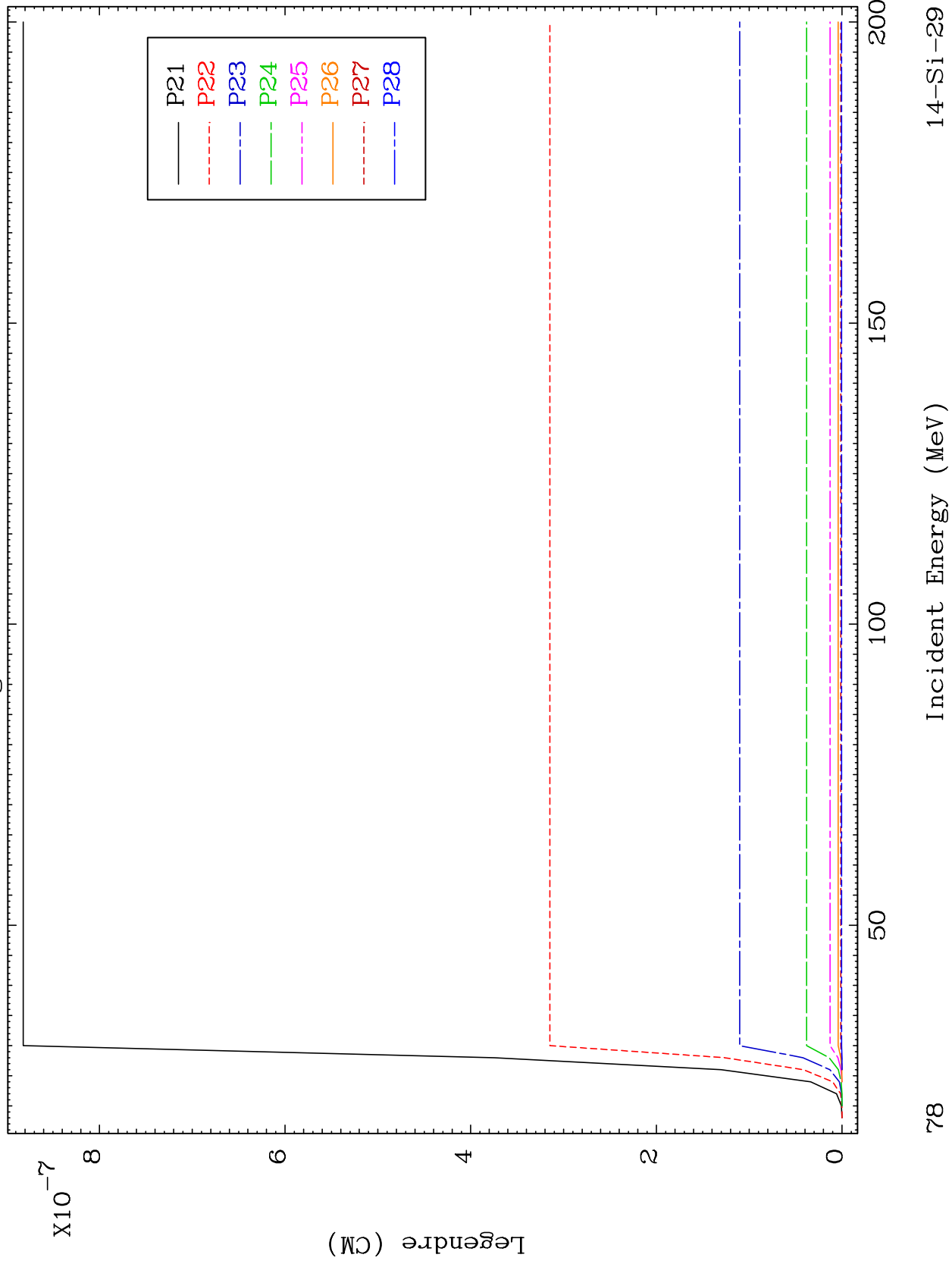
Incident Energy (MeV)

14-Si-29

MAT 1428

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

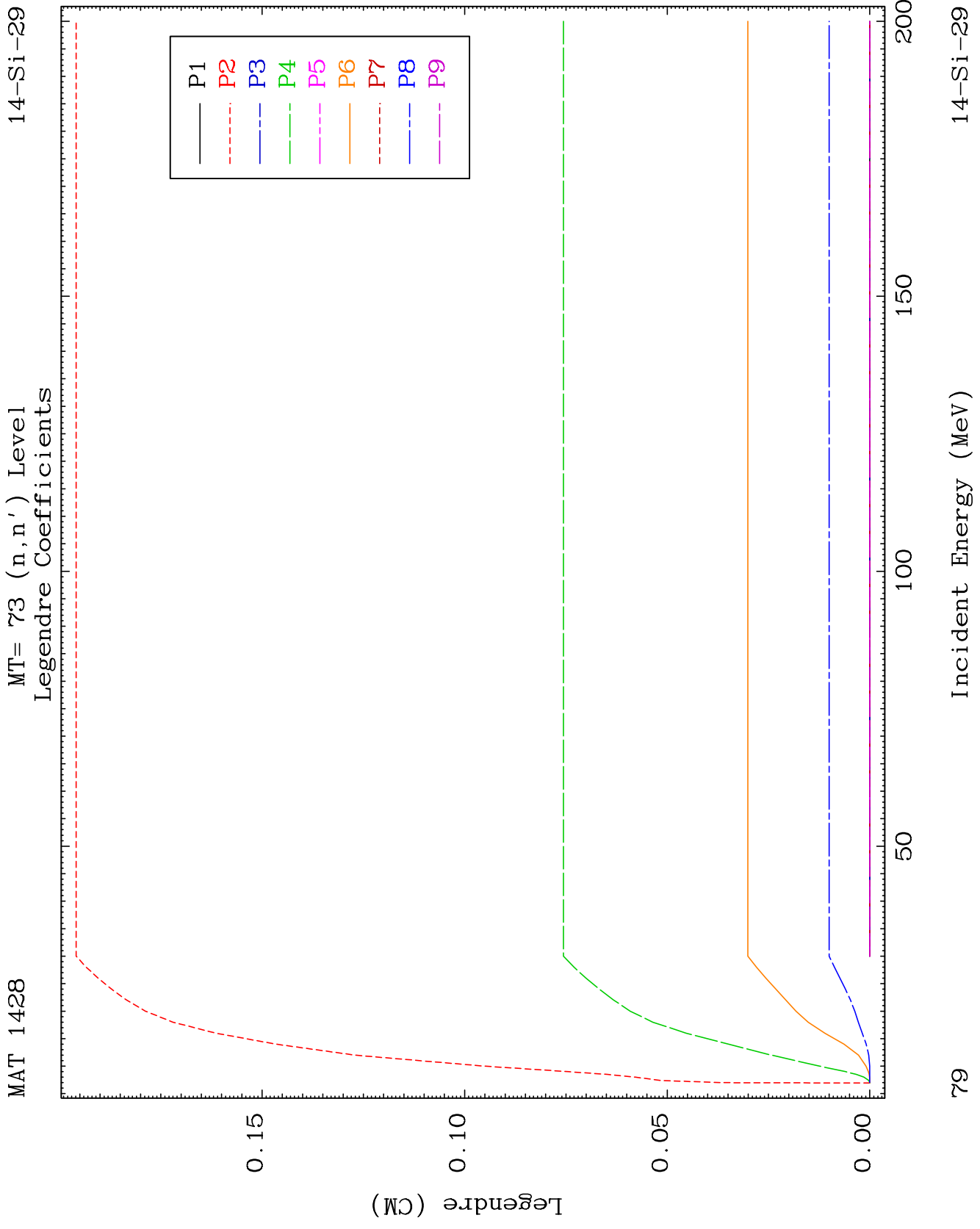
14-Si-29



78

Incident Energy (MeV)

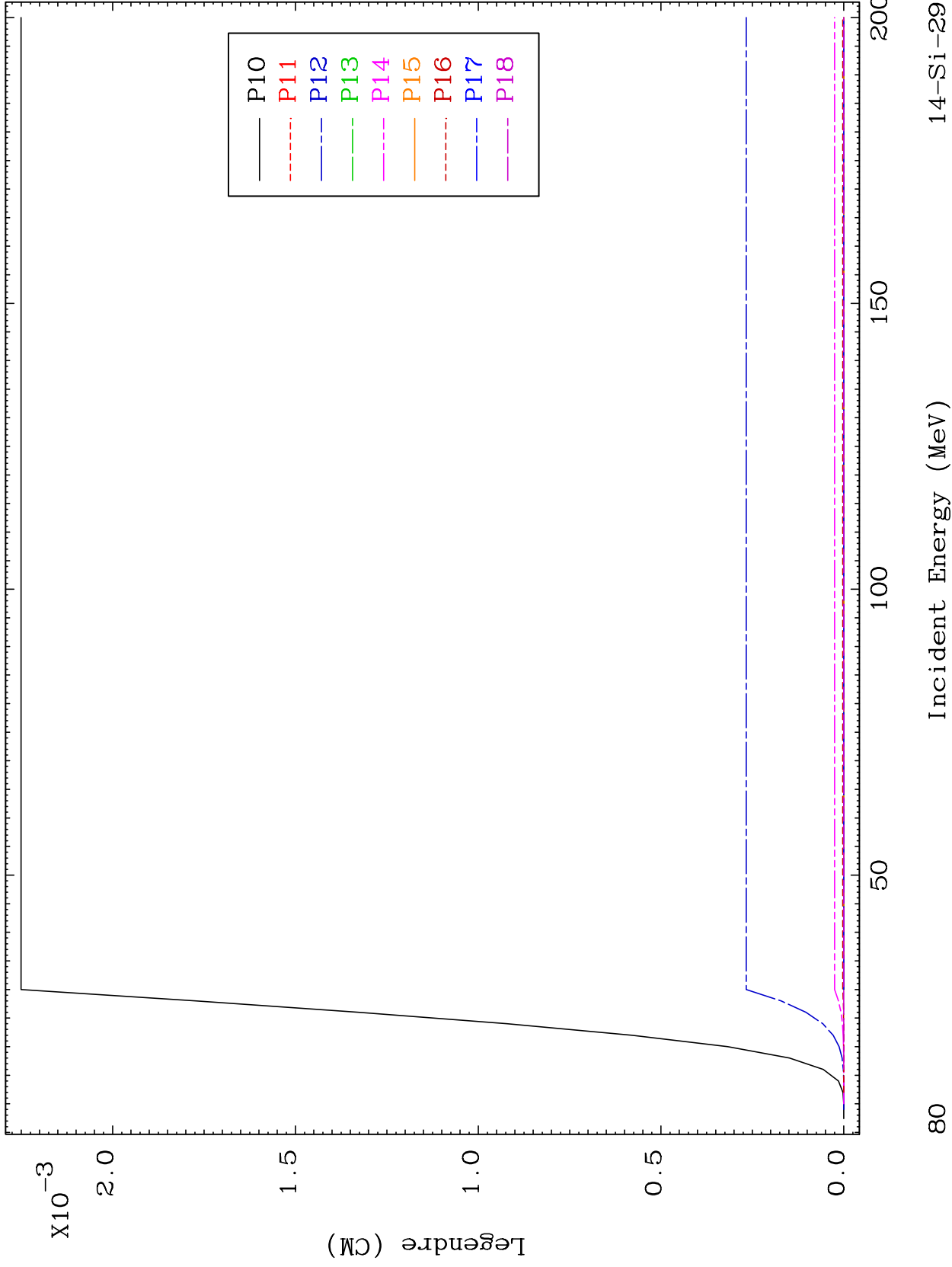
14-Si-29

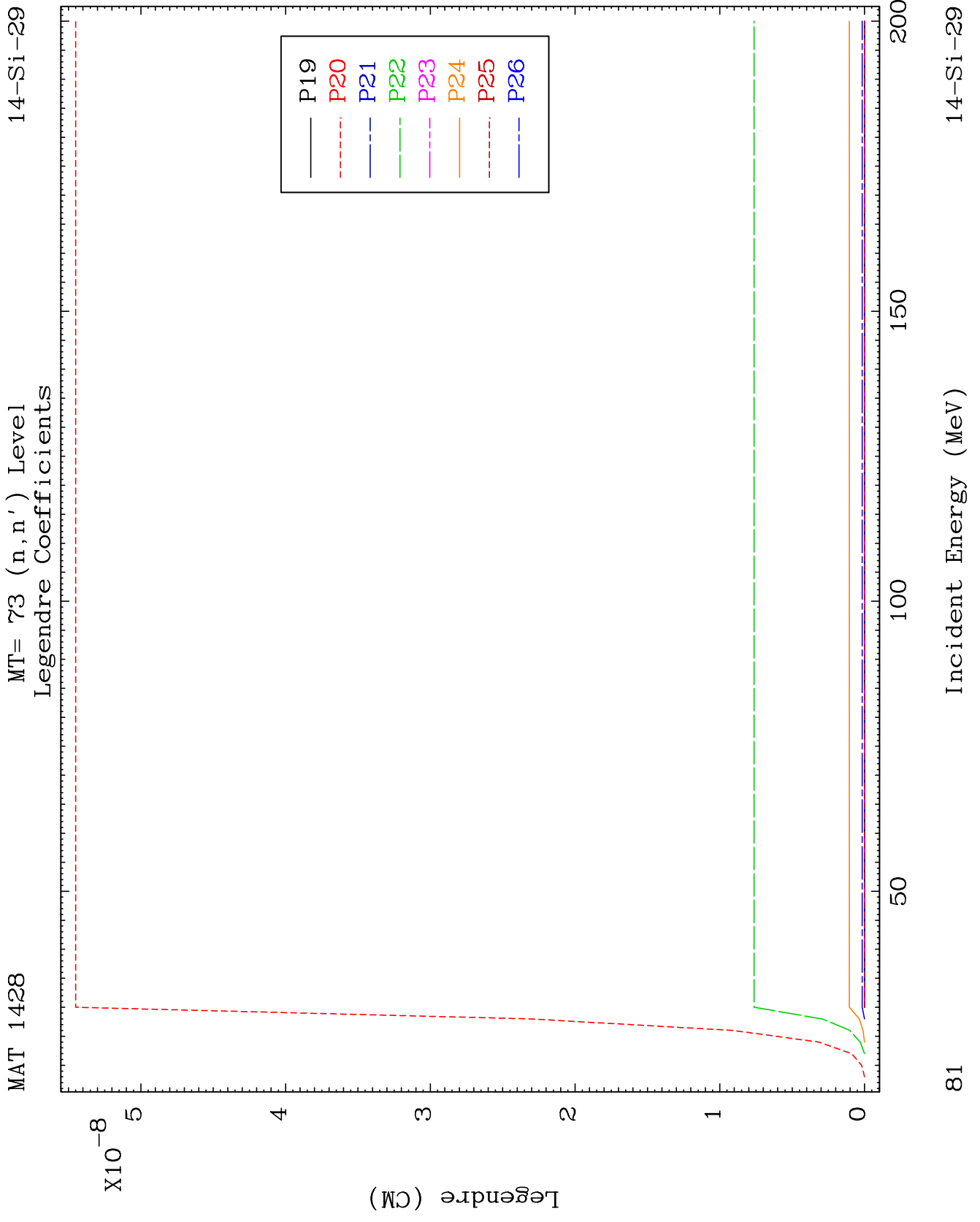


MAT 1428

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

14-Si-29

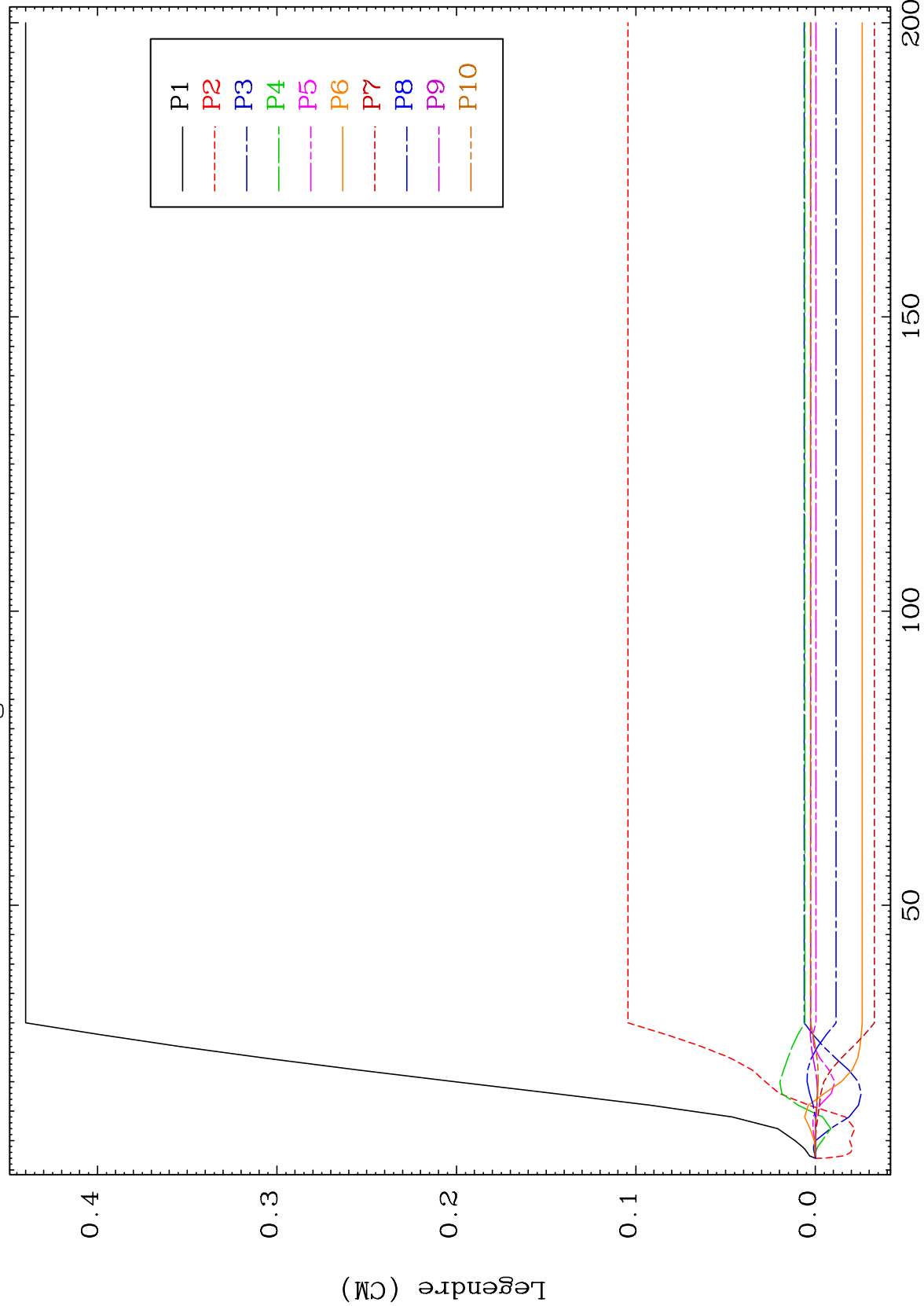




MAT 1428

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

14-Si-29



82

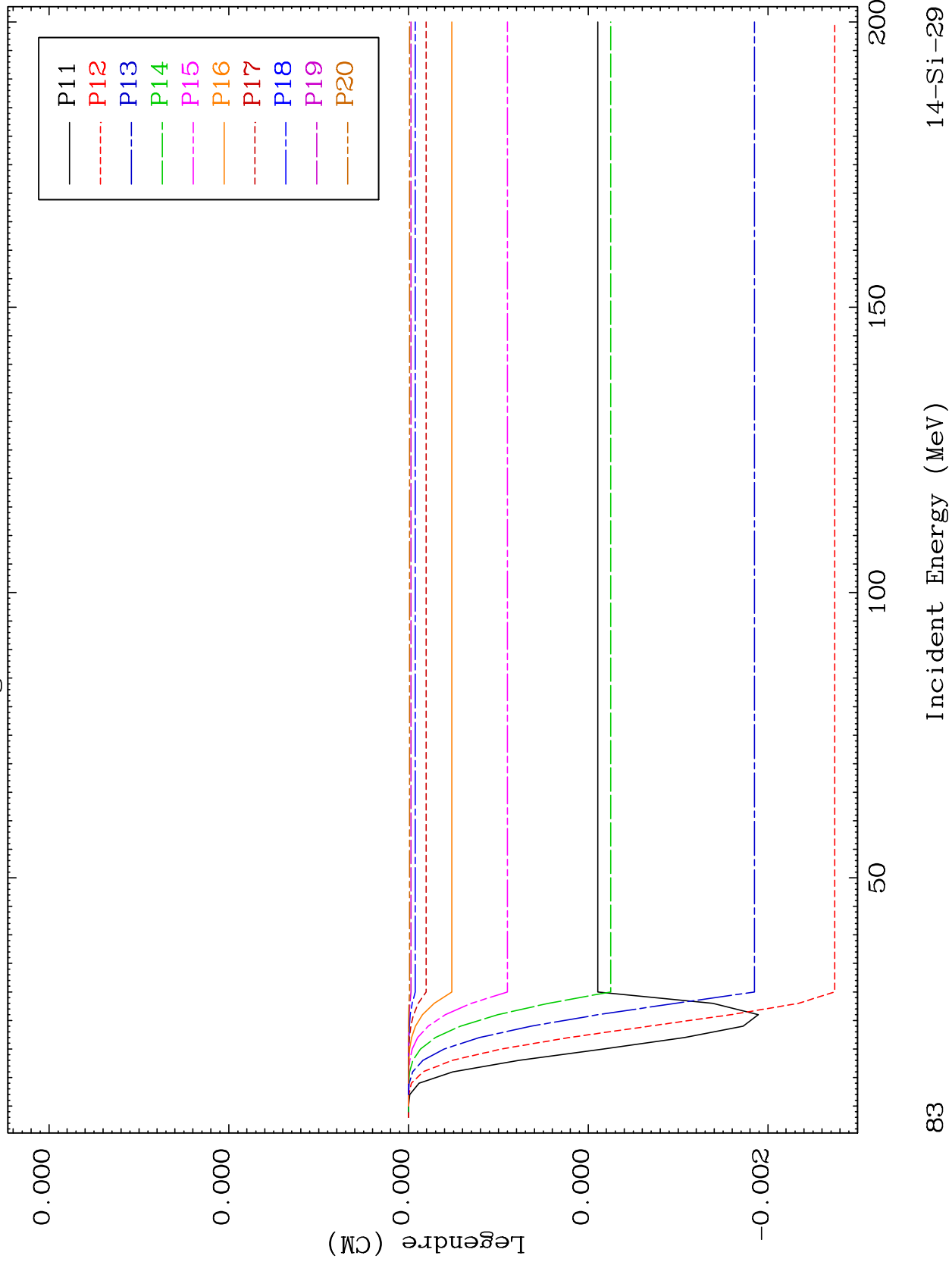
Incident Energy (MeV)

14-Si-29

MAT 1428

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

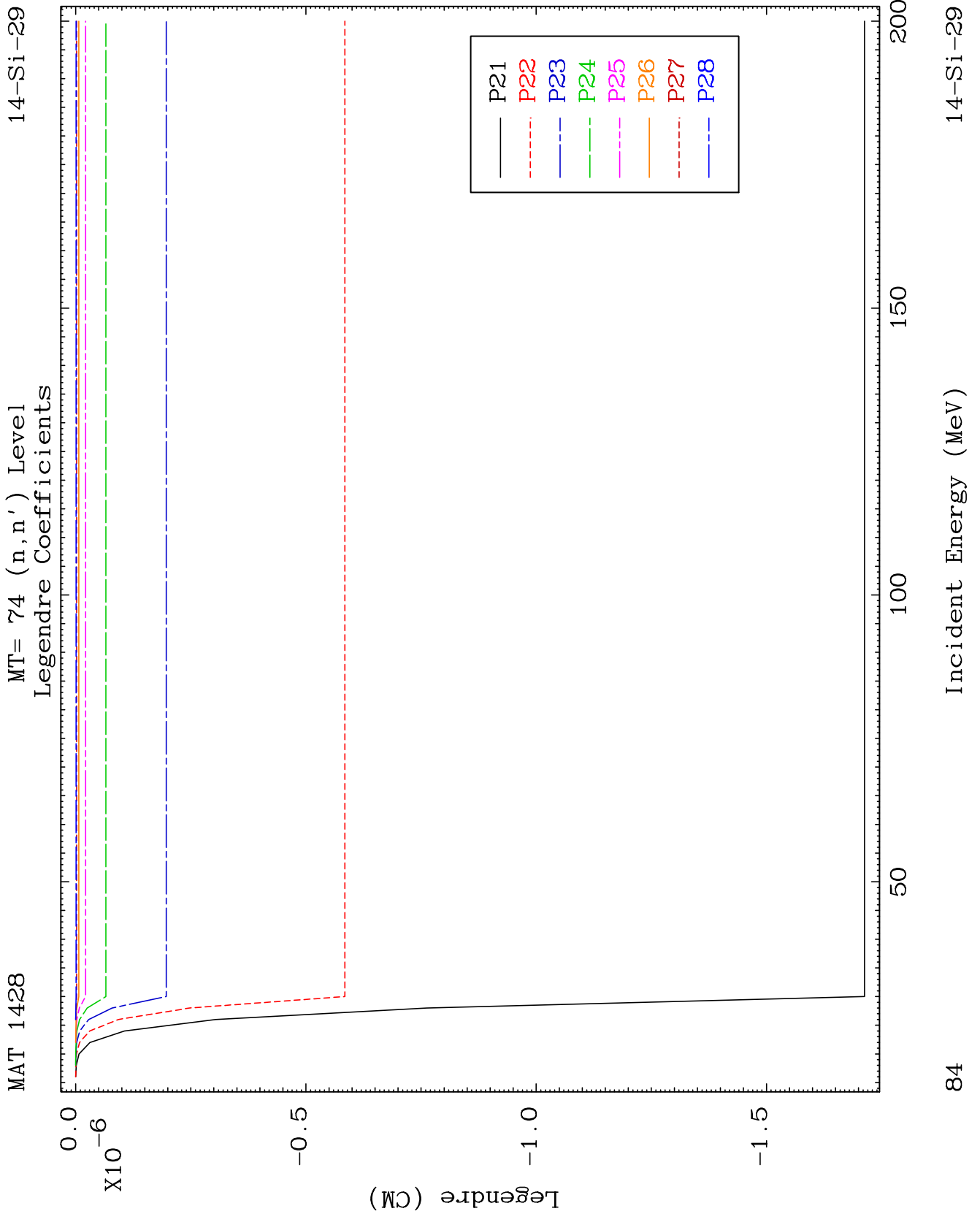
14-Si-29

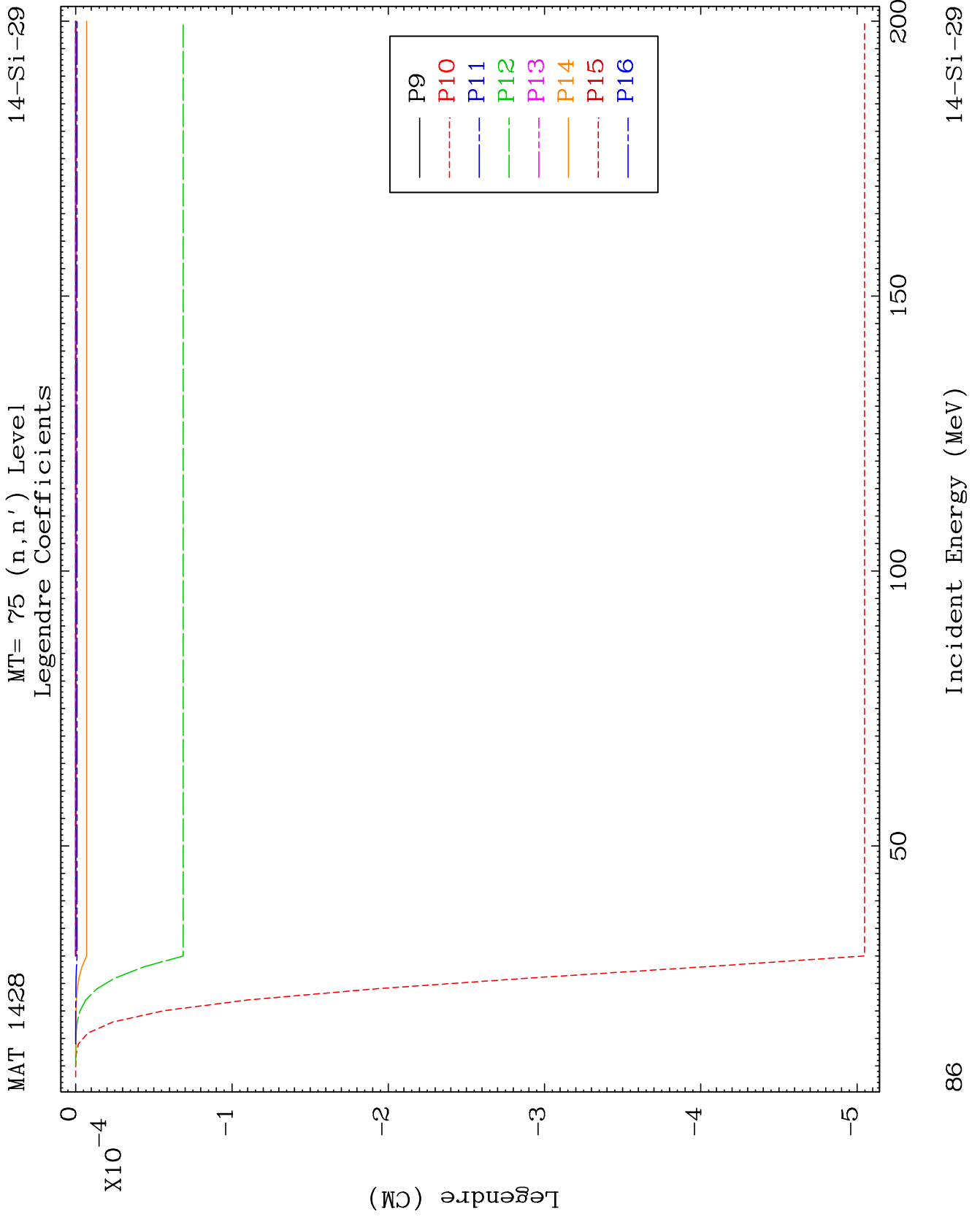


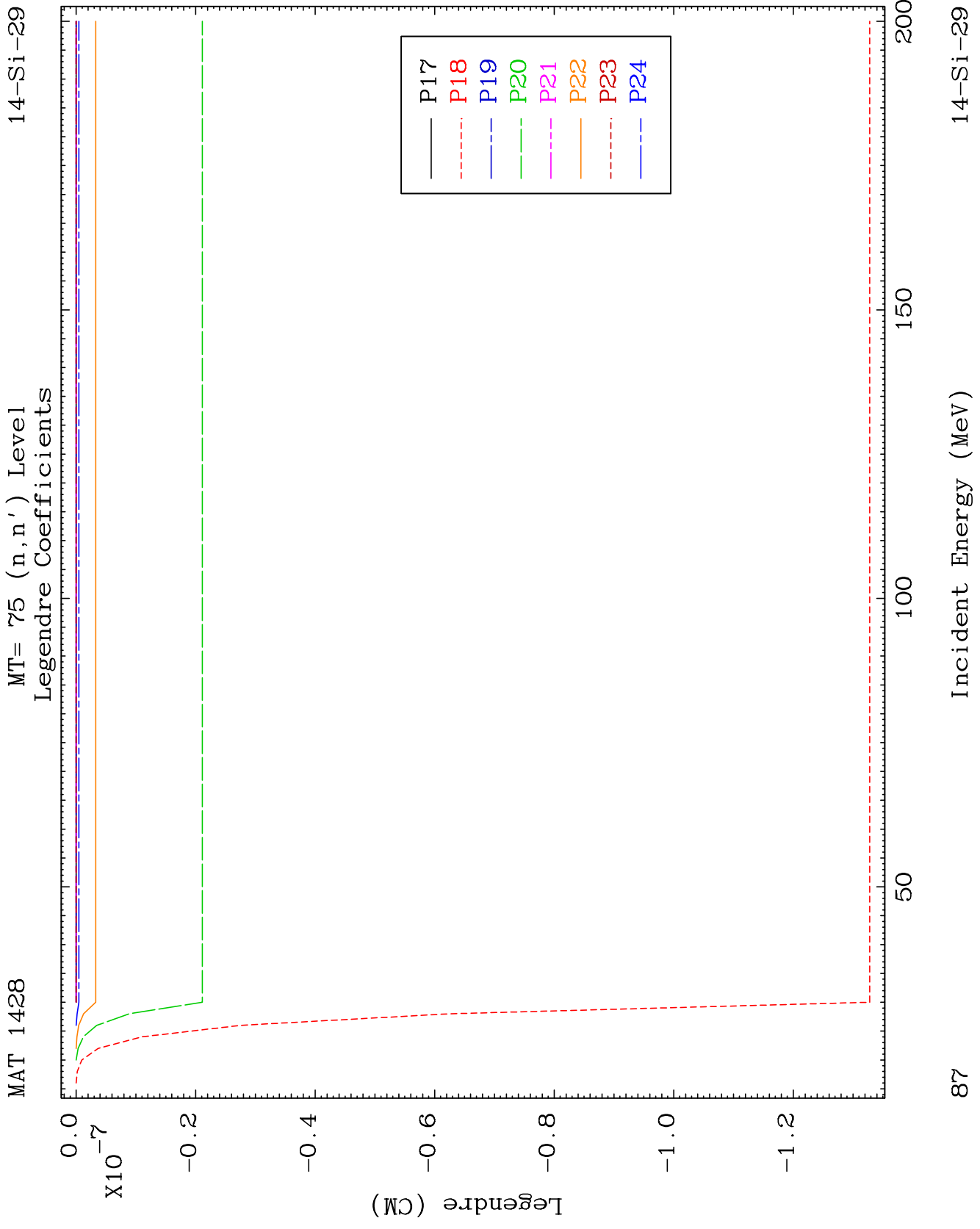
83

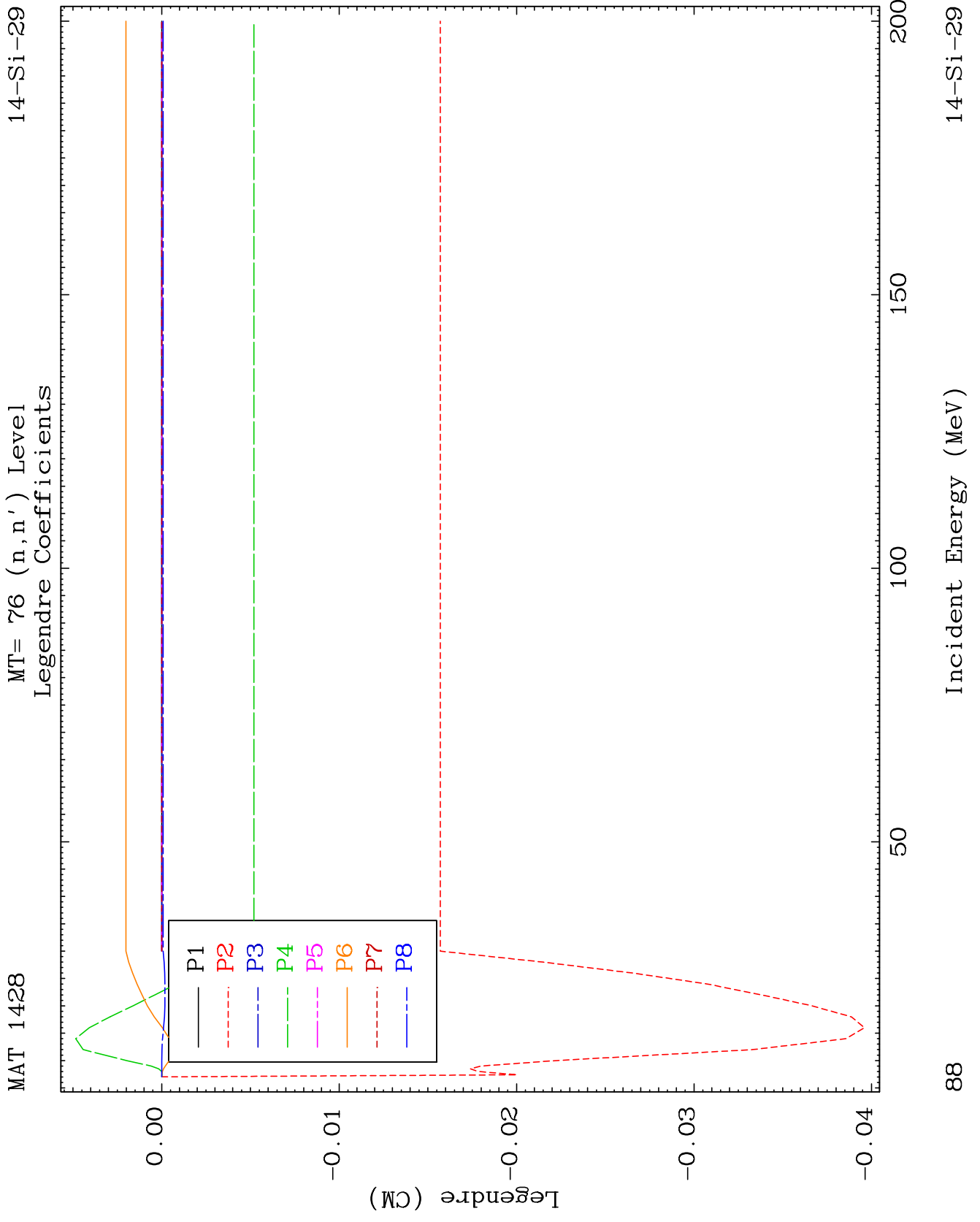
Incident Energy (MeV)

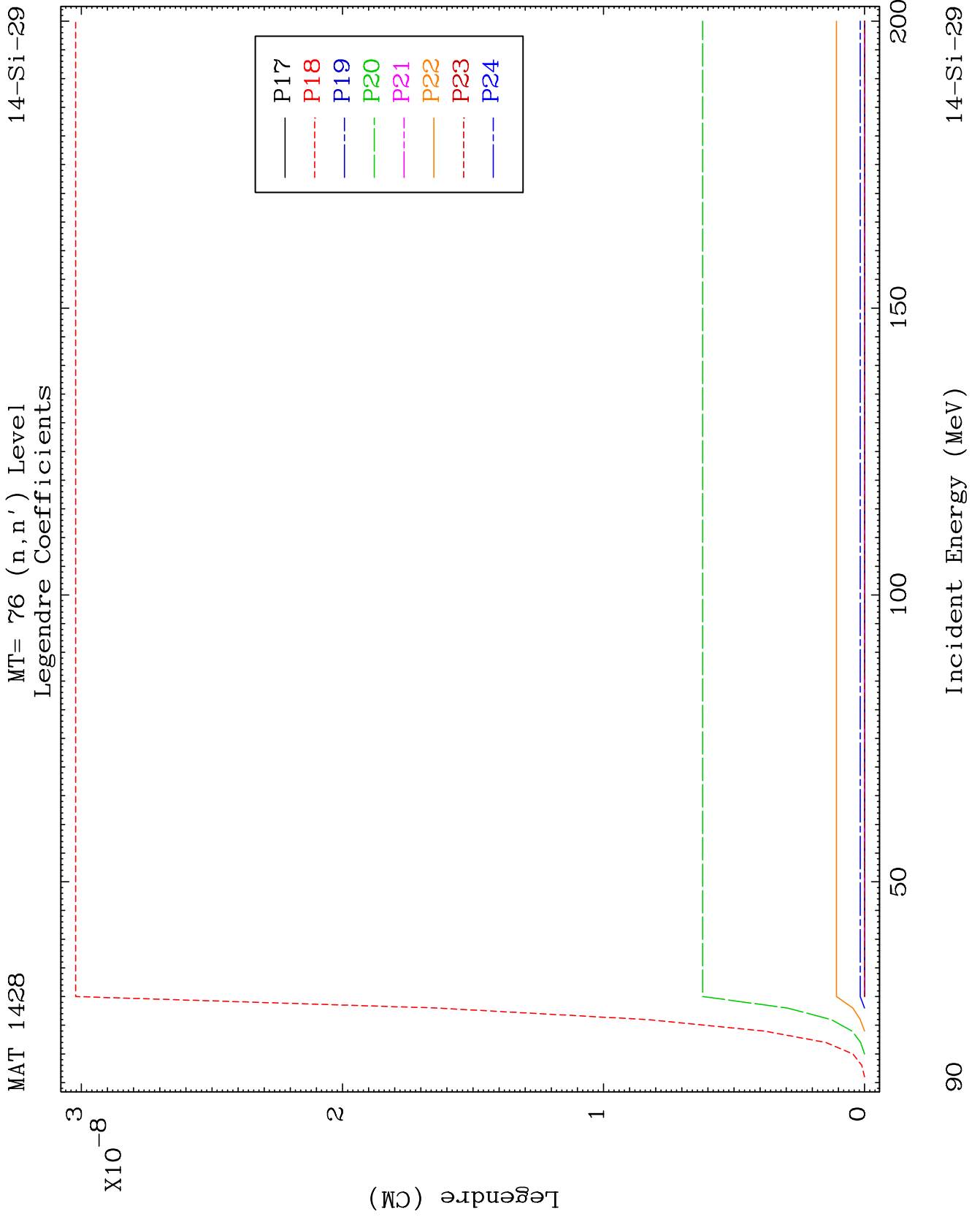
14-Si-29

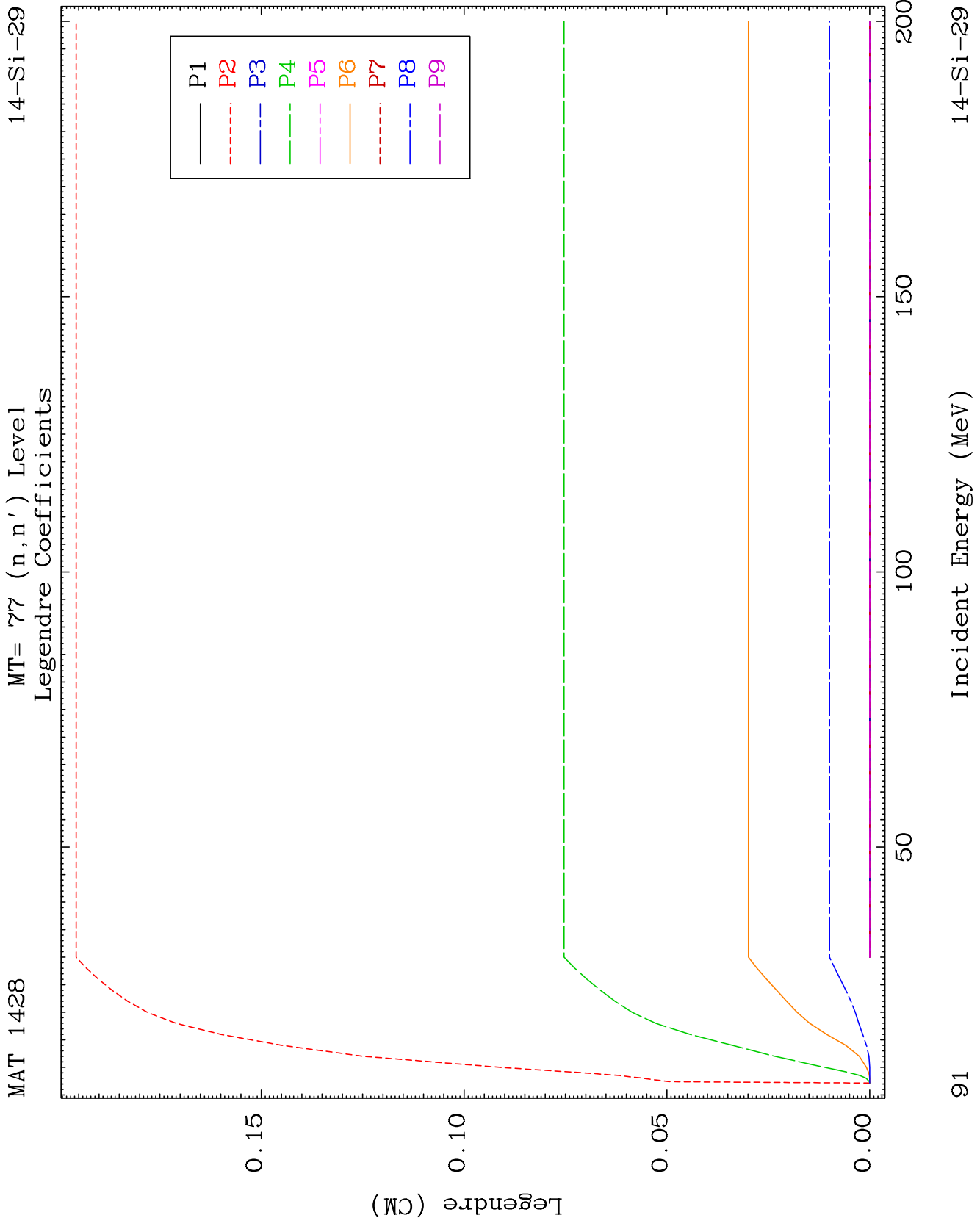








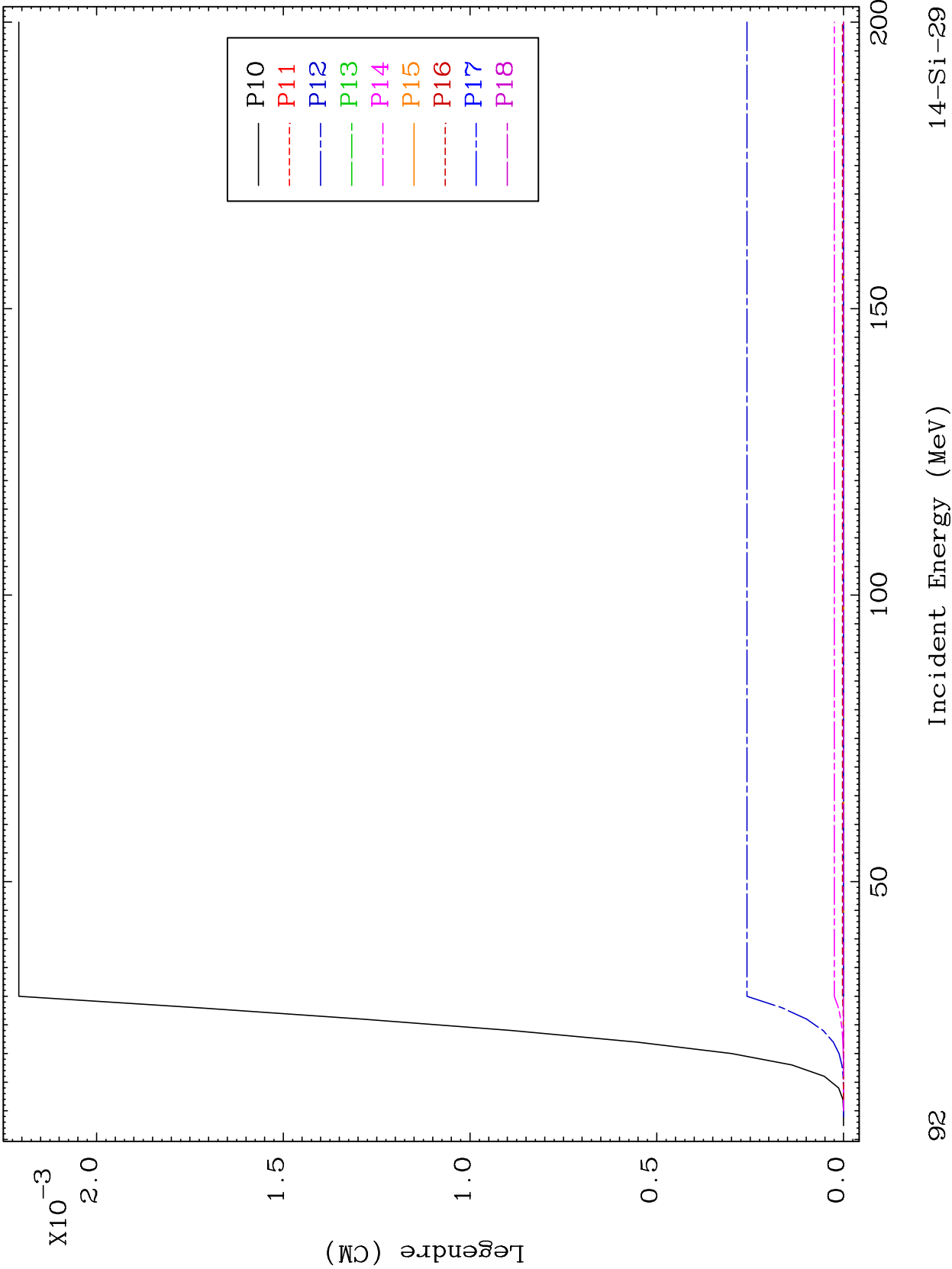




MAT 1428

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

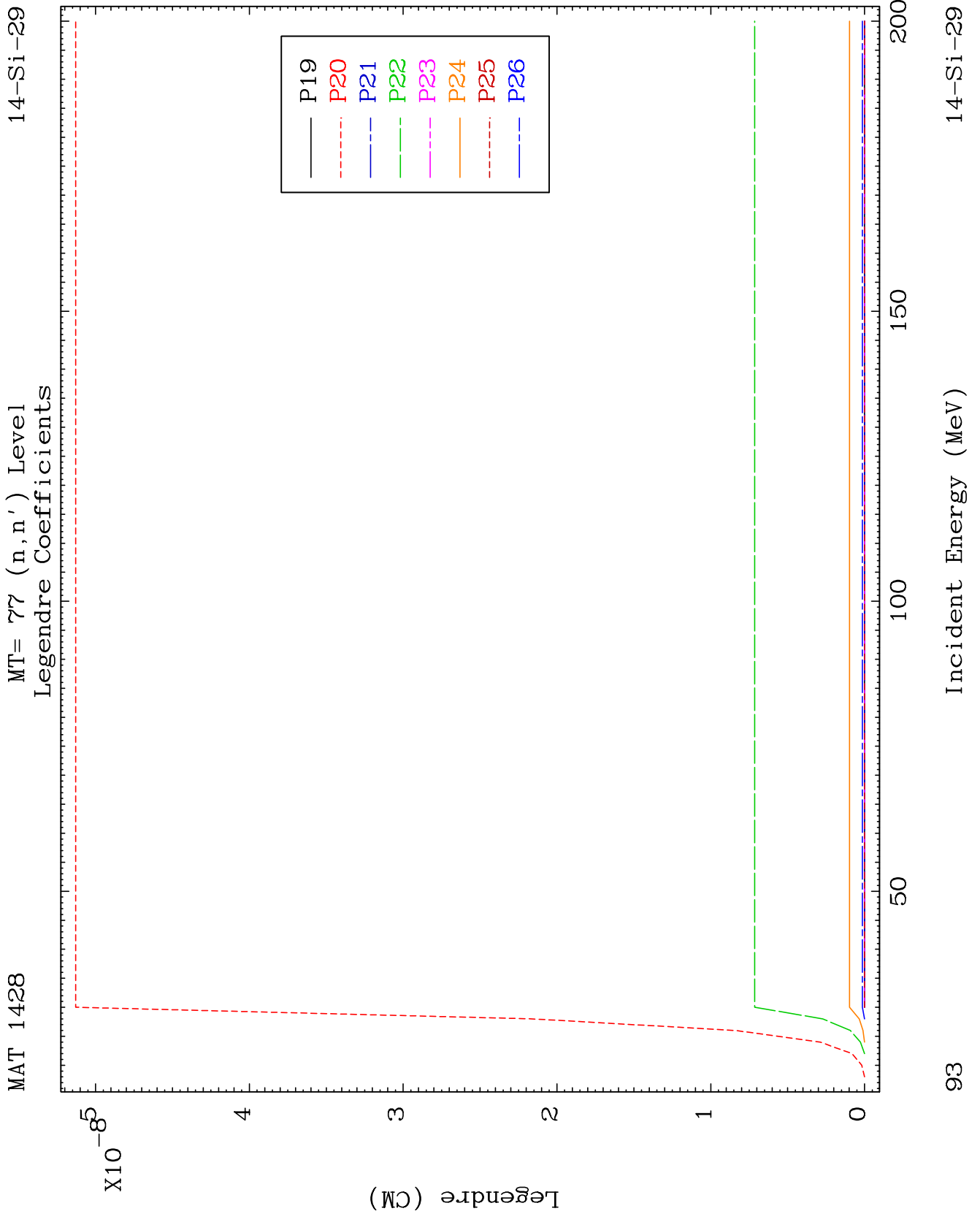
14-Si-29



92

Incident Energy (MeV)

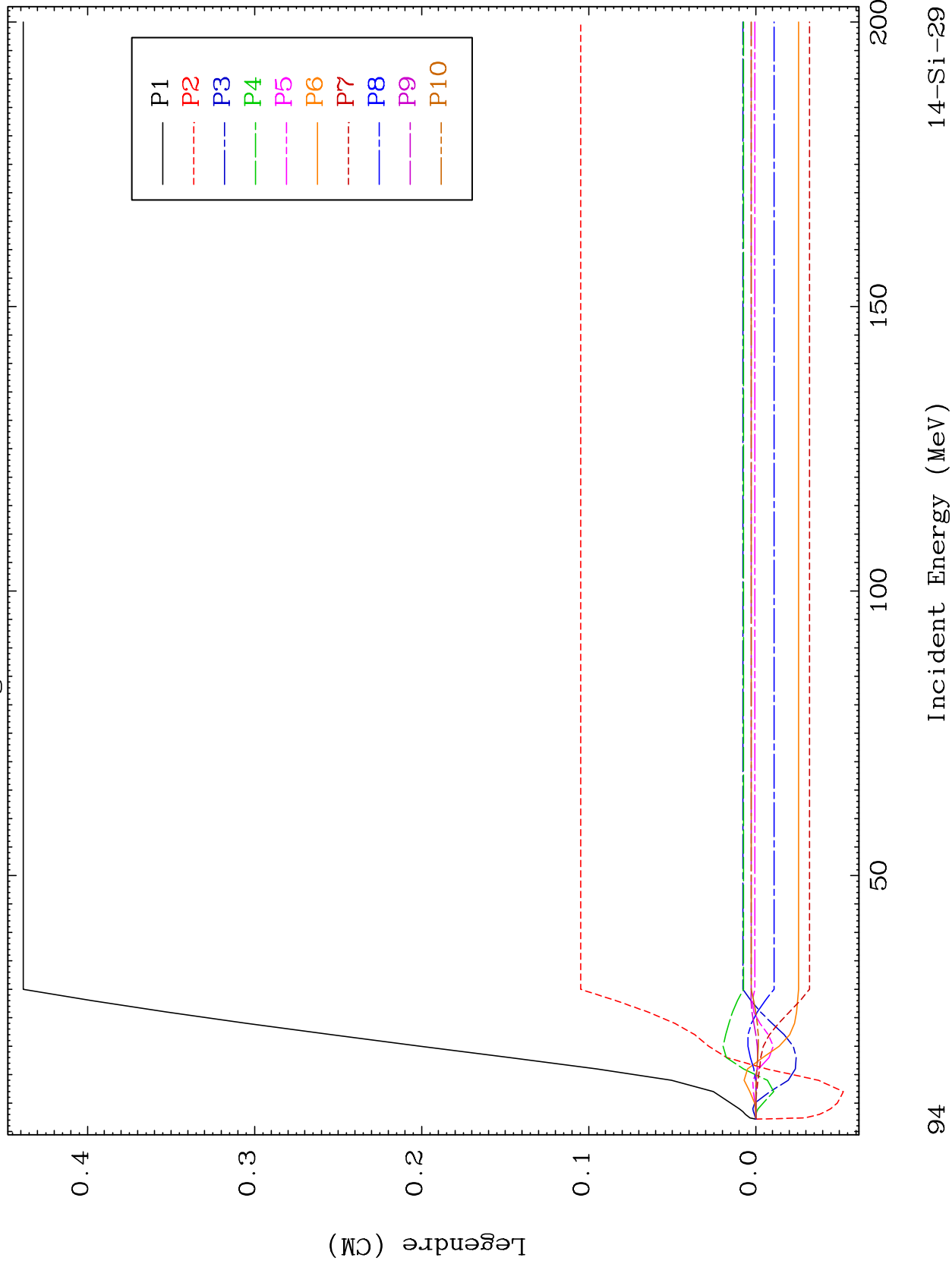
14-Si-29



MAT 1428

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

¹⁴Si-29



94

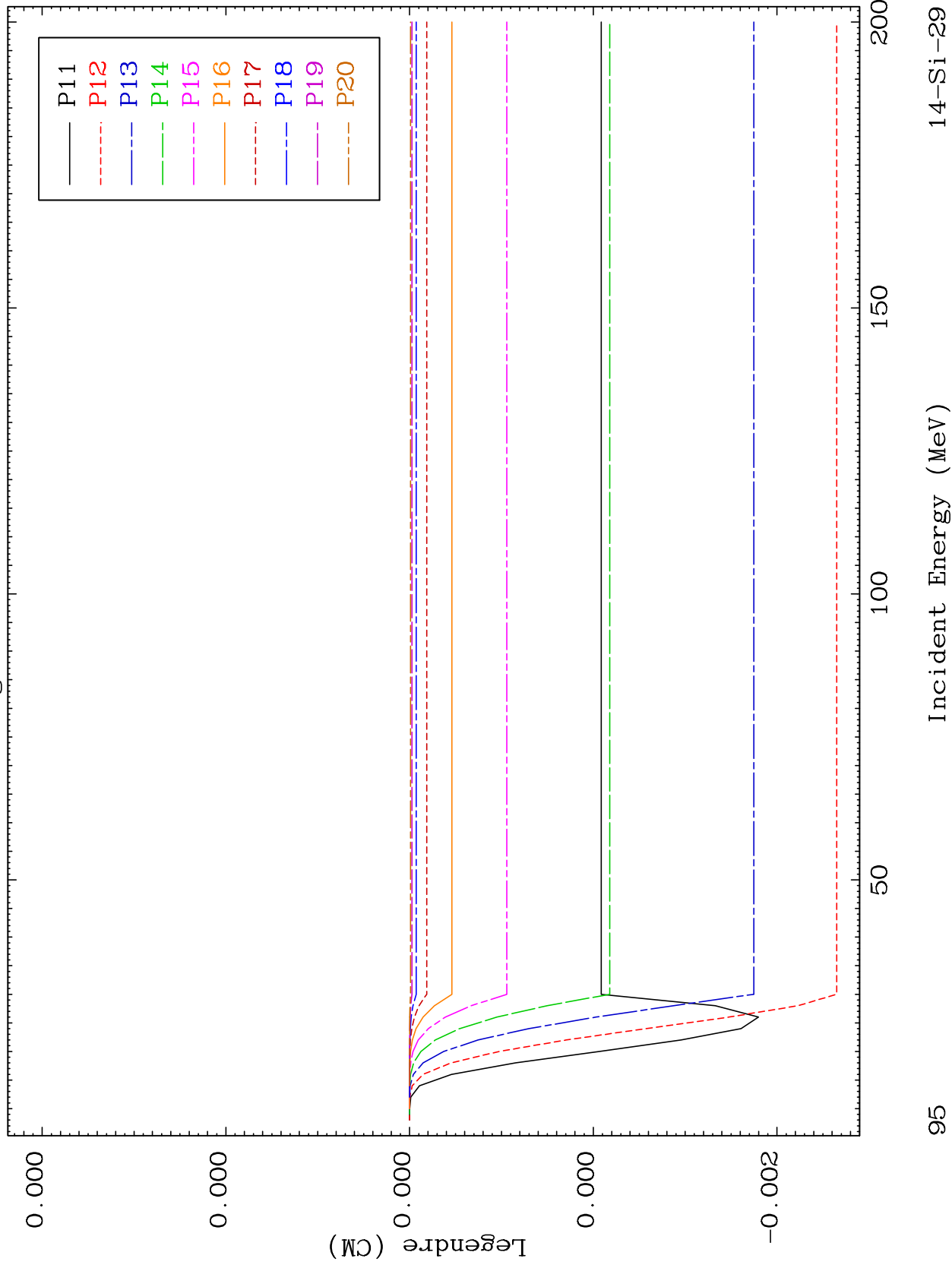
Incident Energy (MeV)

¹⁴Si-29

MAT 1428

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

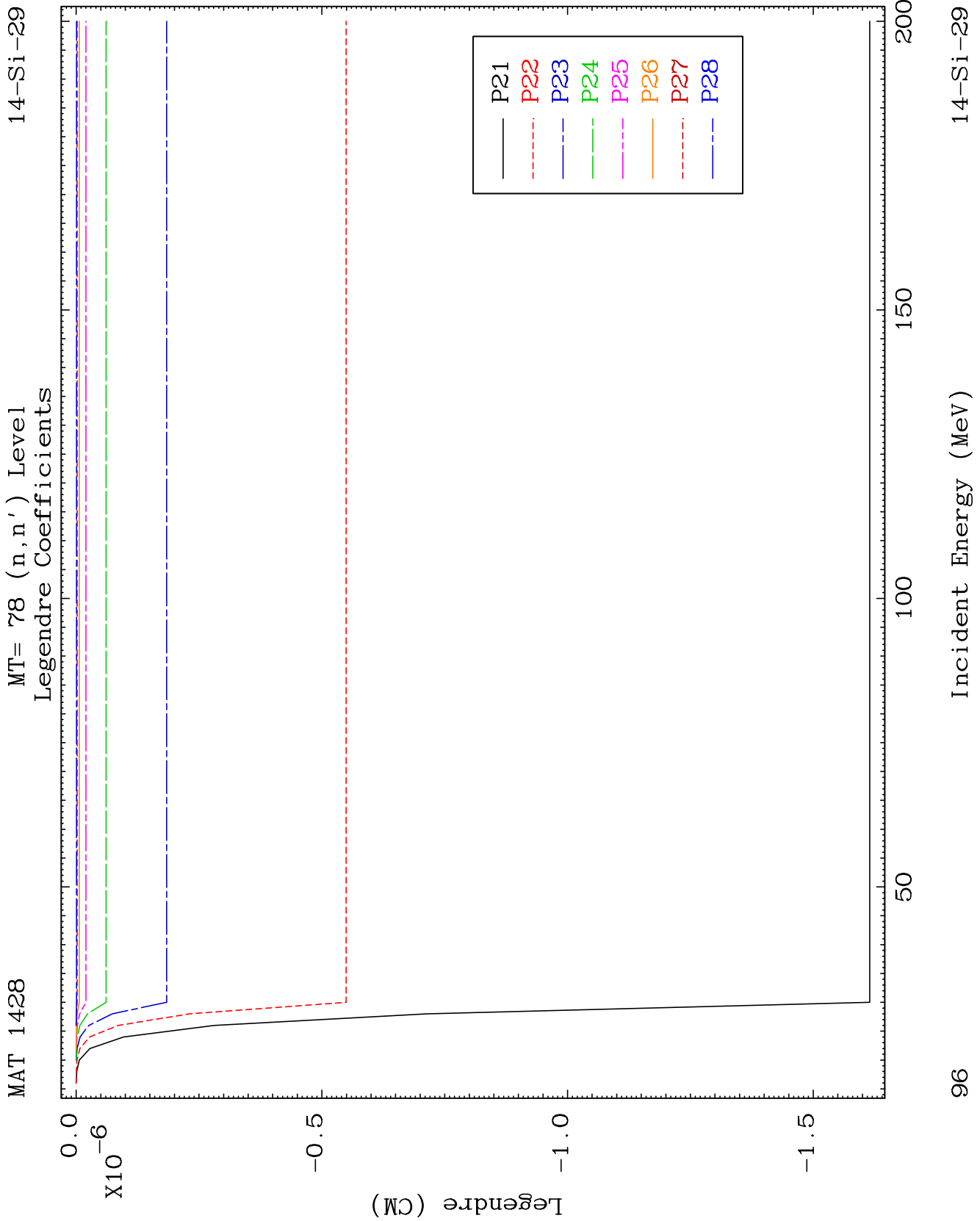
14-Si-29



95

Incident Energy (MeV)

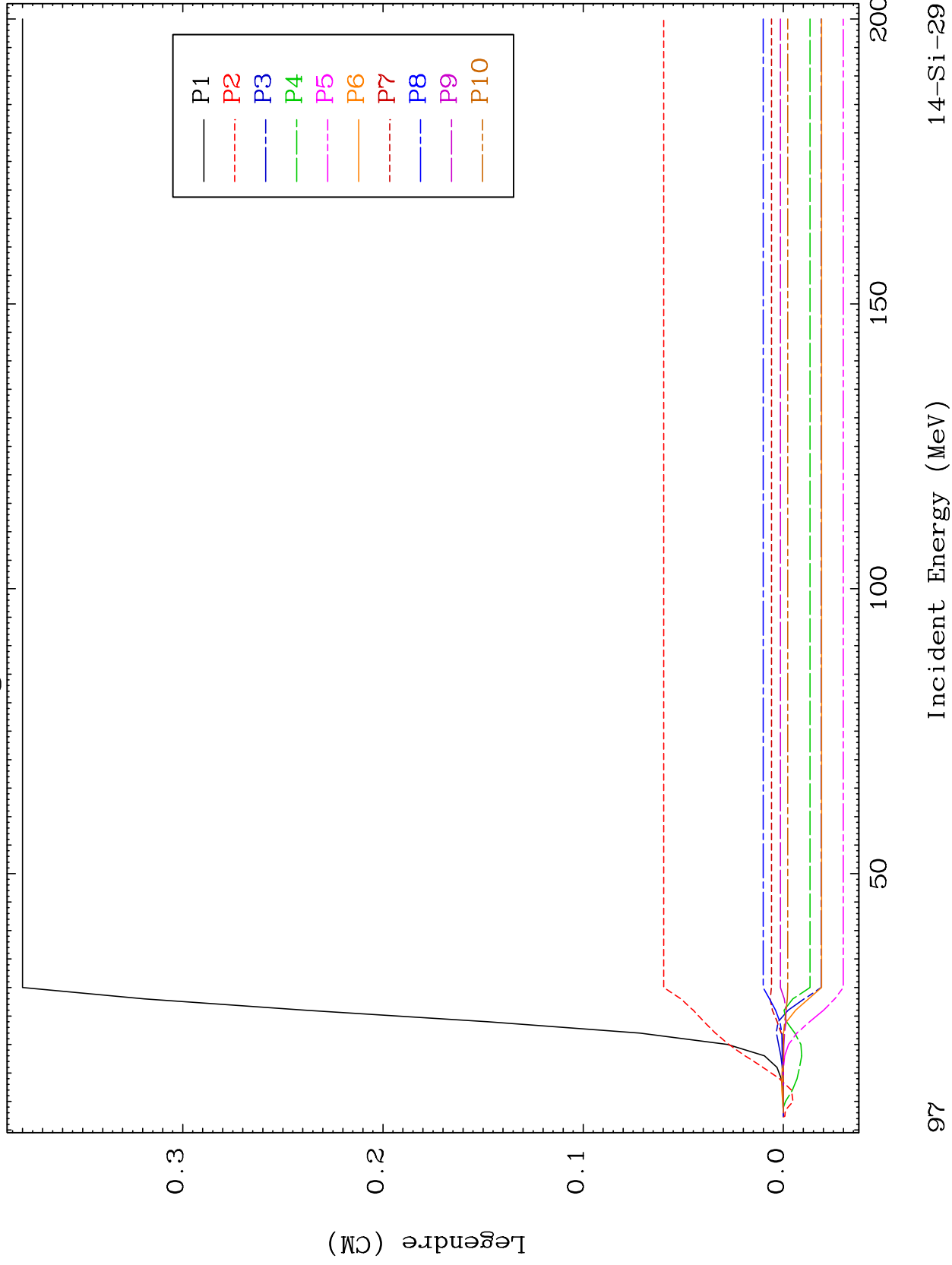
14-Si-29



MAT 1428

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

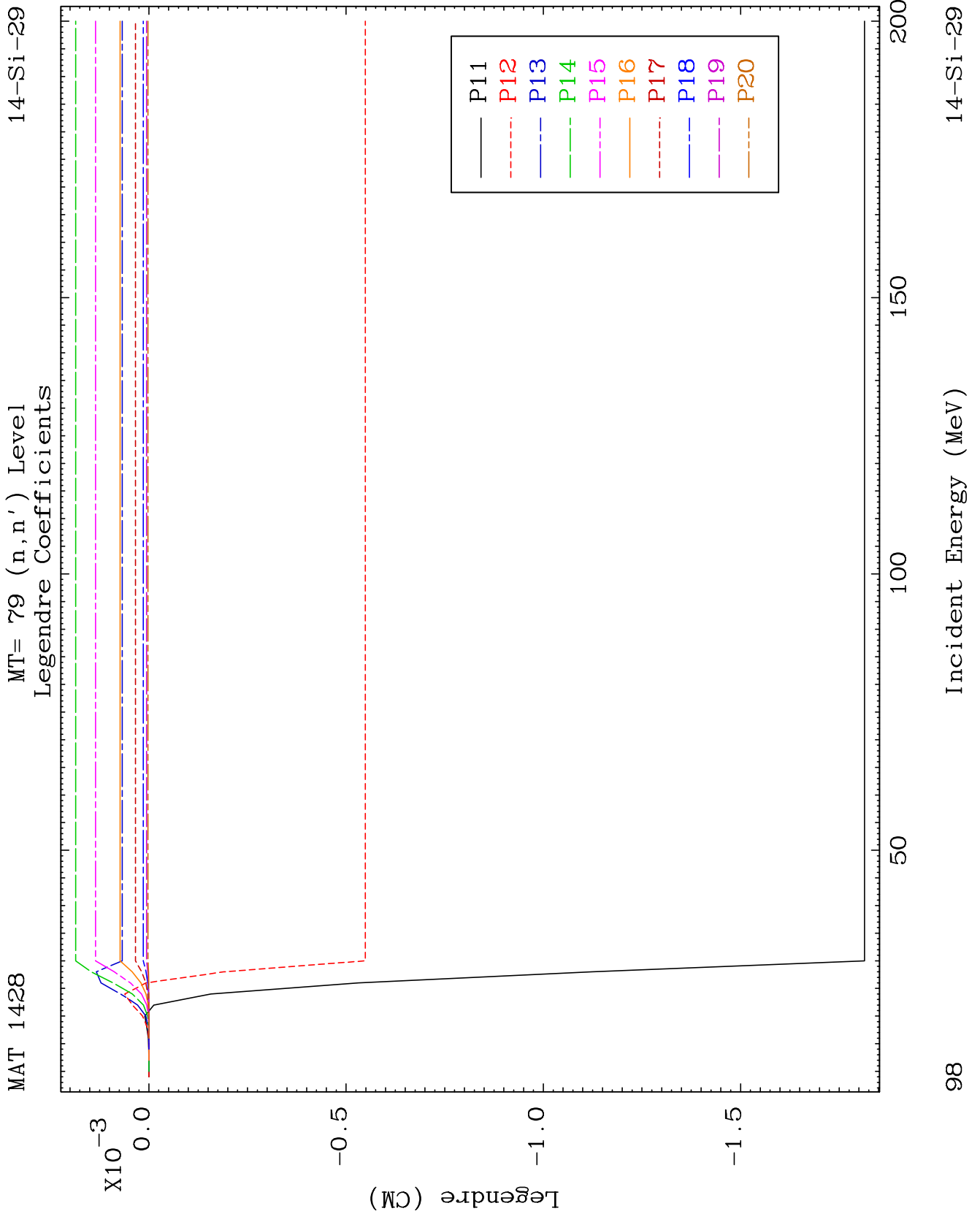
14-Si-29

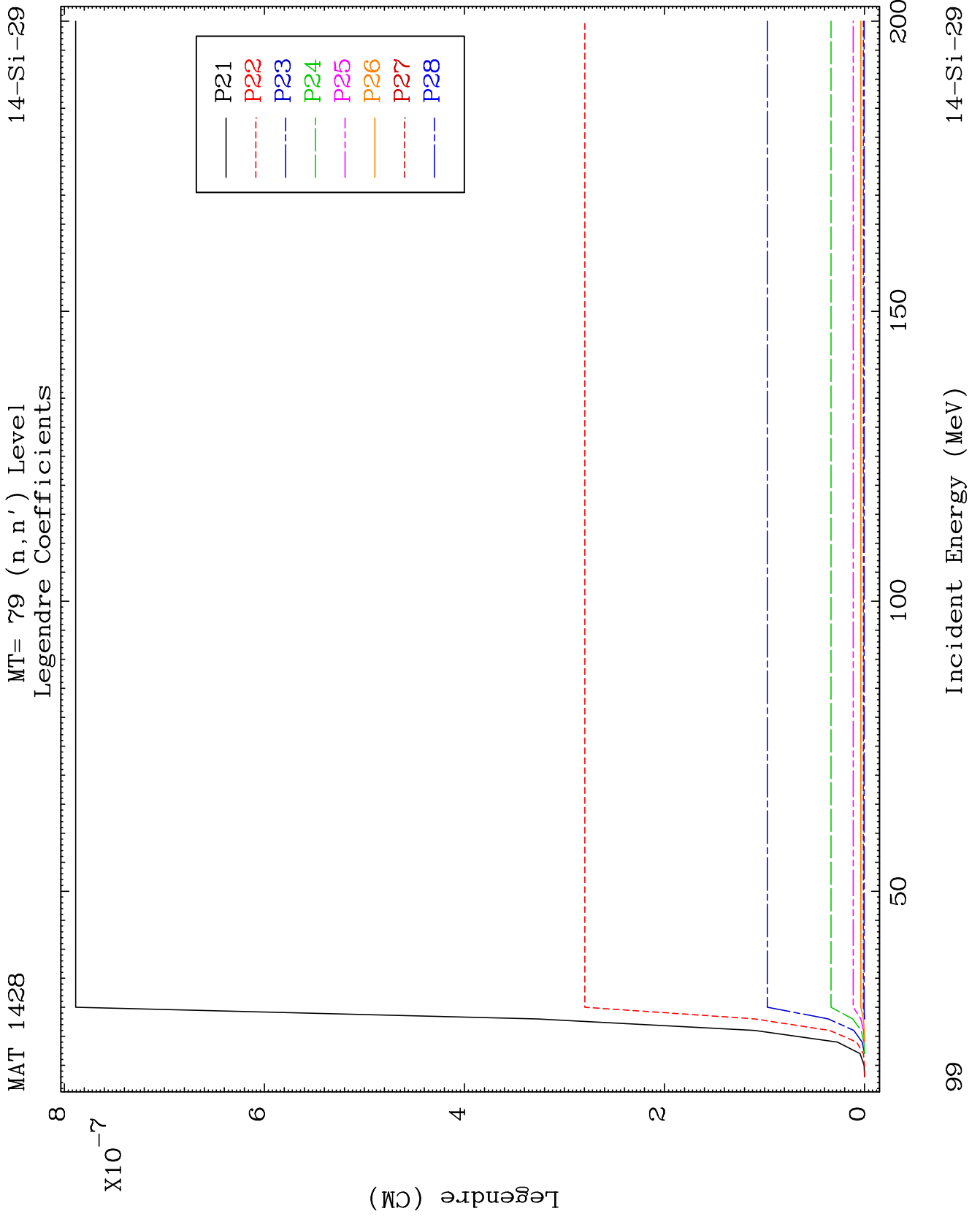


97

Incident Energy (MeV)

14-Si-29



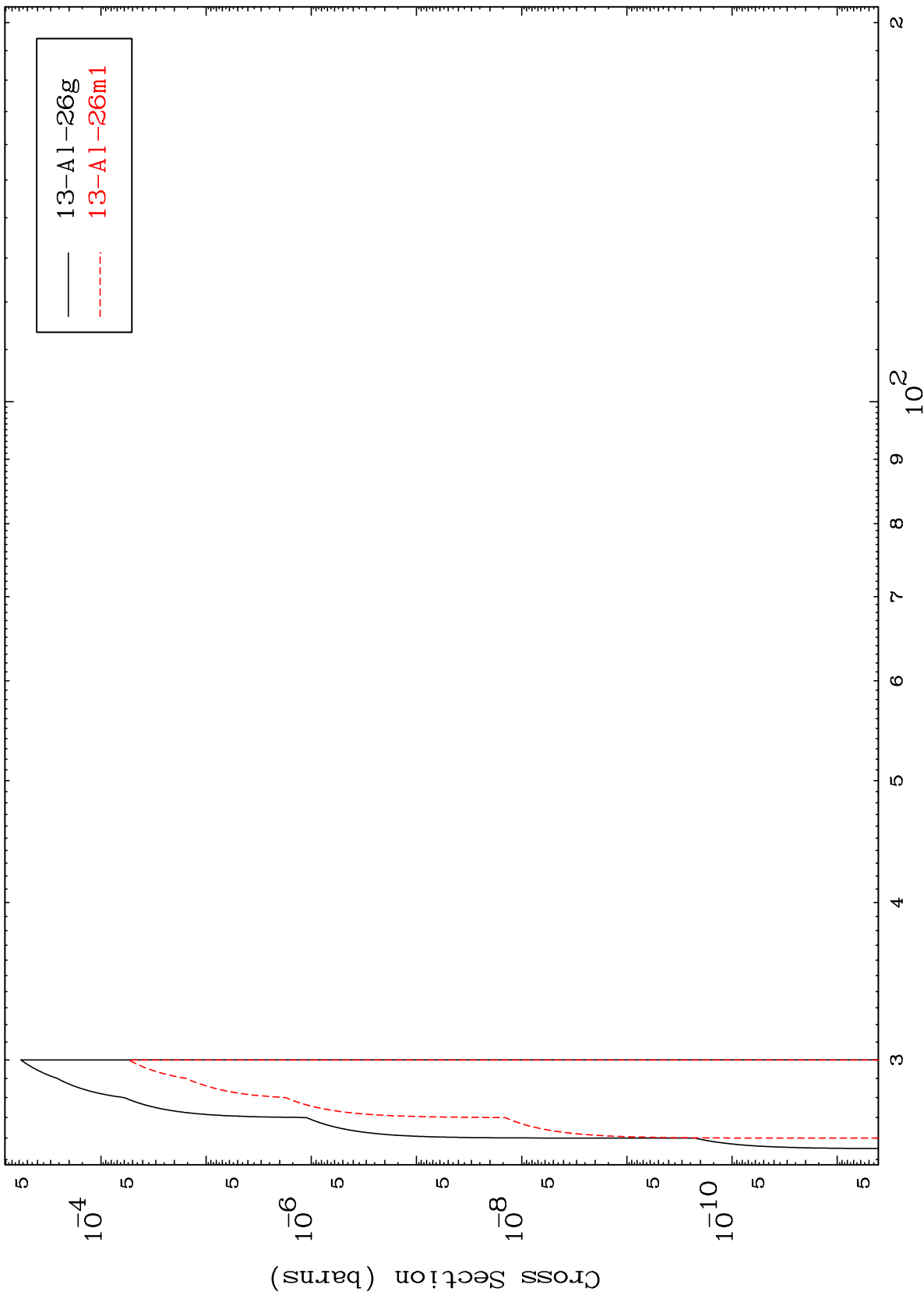


MAT 1428

(n,n') t

14-Si-29

Radionuclide Production Cross Section



100

Incident Energy (MeV)

14-Si-29