

Program EVALPLOT
(Version 2021-1)

by

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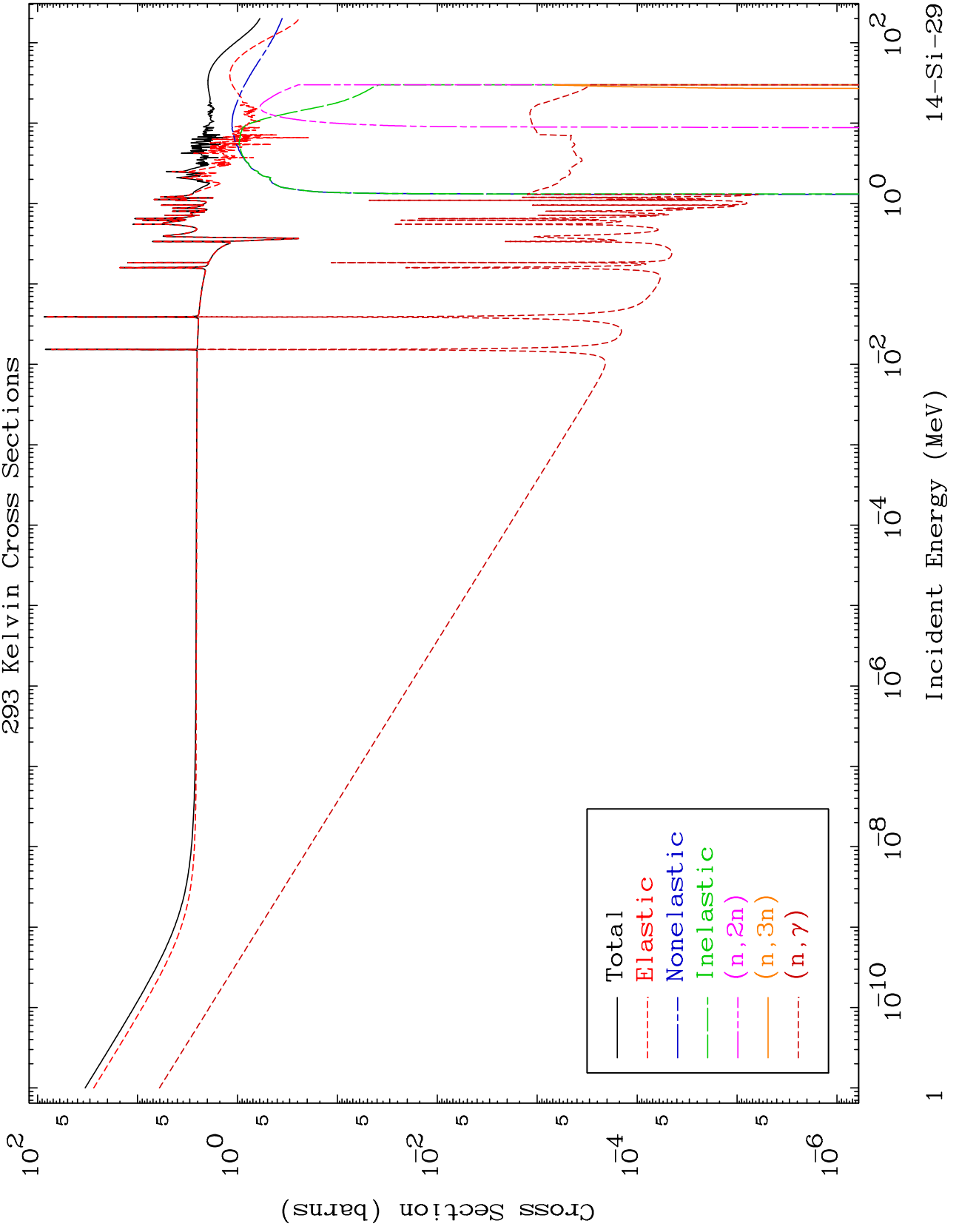
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1428

Neutron Major
293 Kelvin Cross Sections

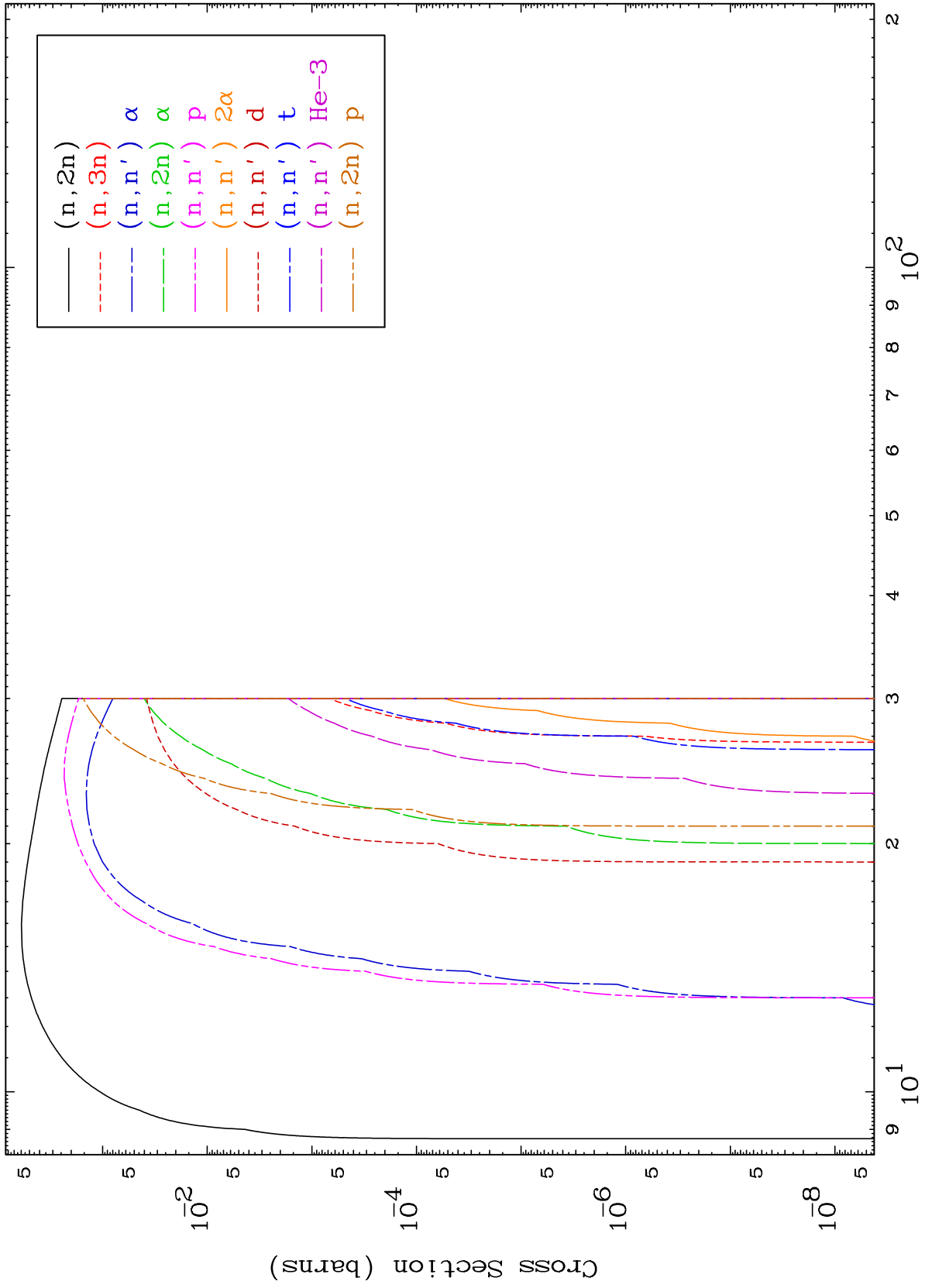
14-Si-29



MAT 1428

Neutron Absorption
293 Kelvin Cross Sections

14-Si-29



2

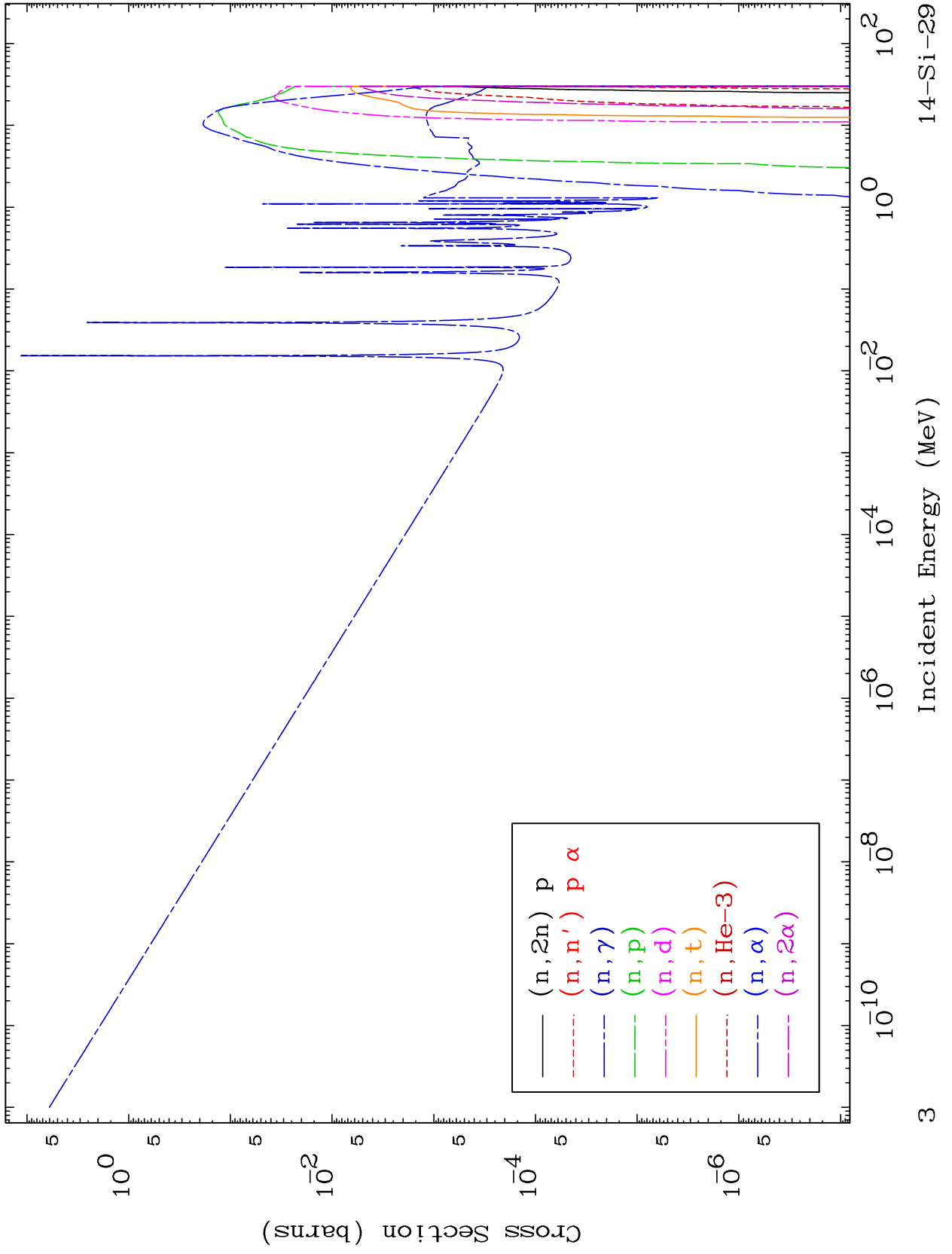
Incident Energy (MeV)

14-Si-29

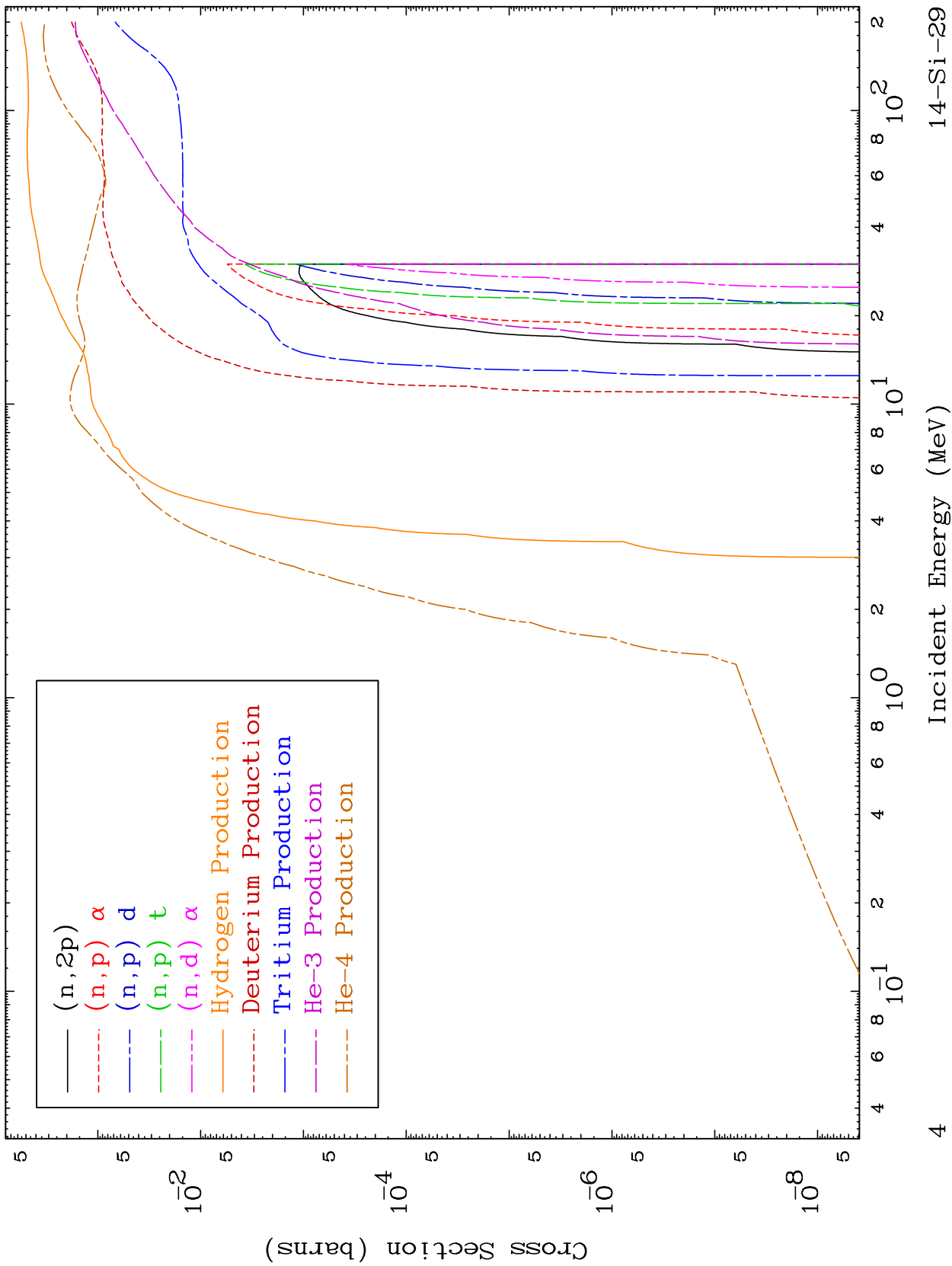
MAT 1428

Neutron Absorption
293 Kelvin Cross Sections

14-Si-29



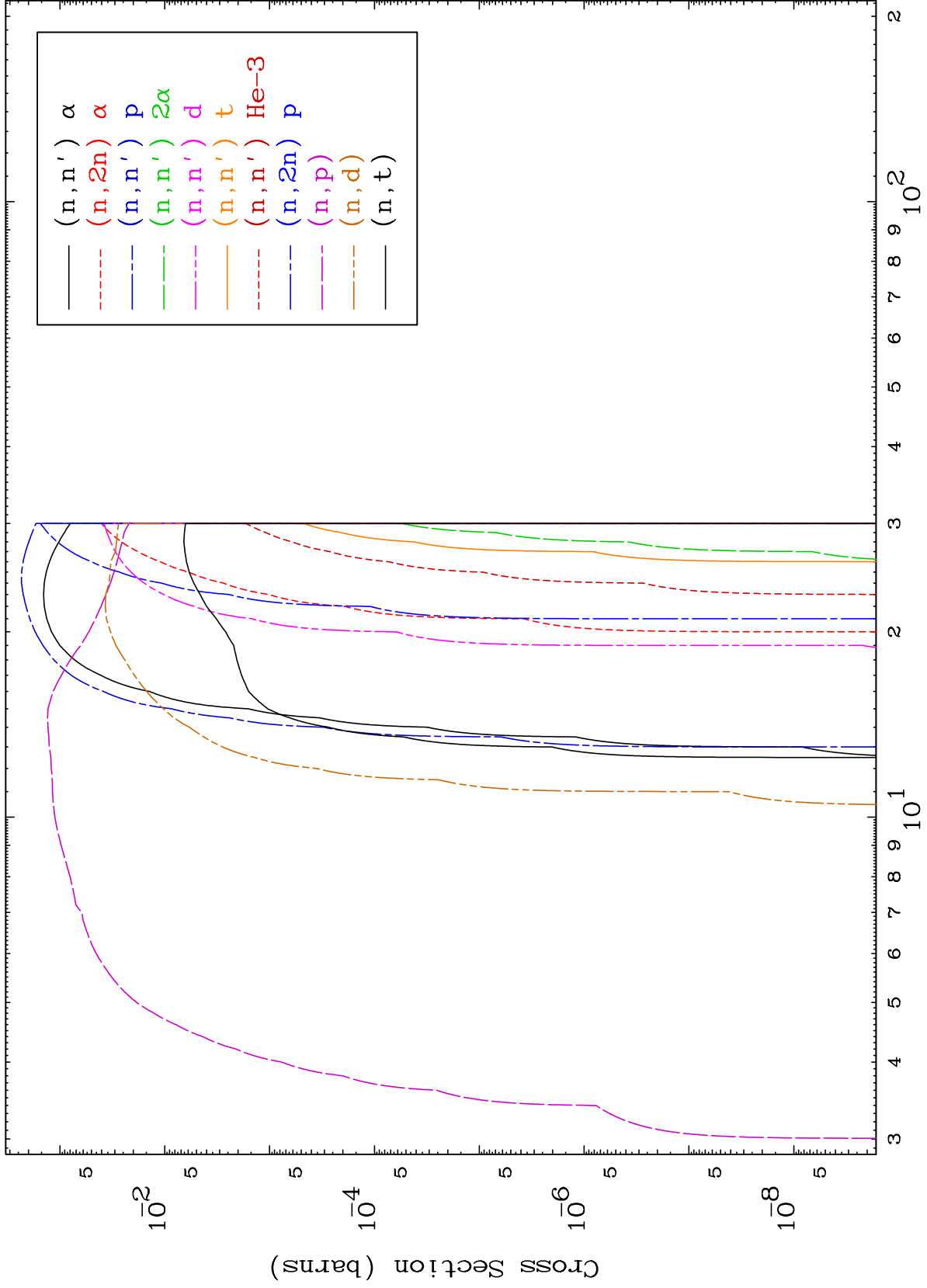
Neutron Absorption
293 Kelvin Cross Sections



MAT 1428

Charged Particle
293 Kelvin Cross Sections

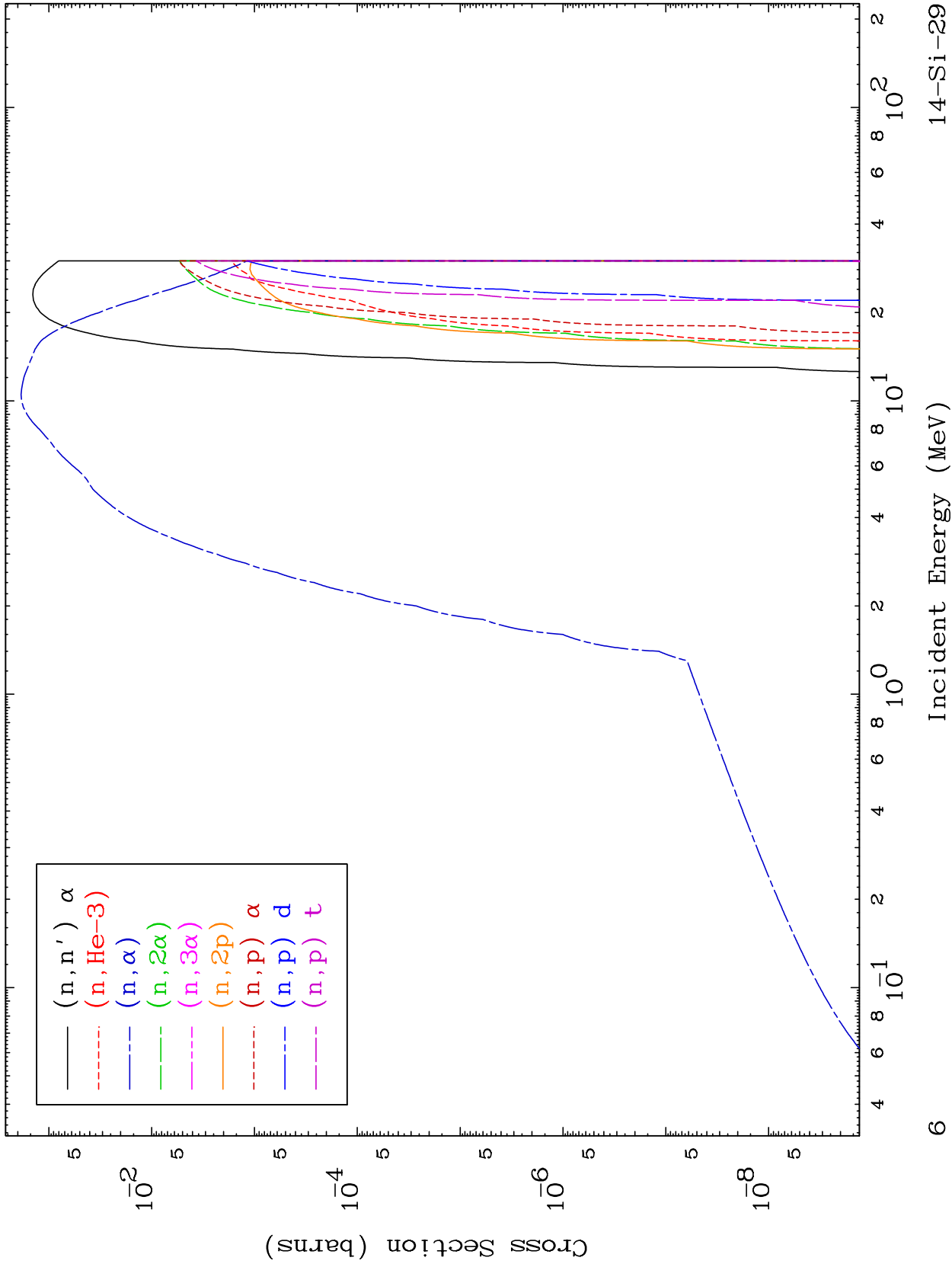
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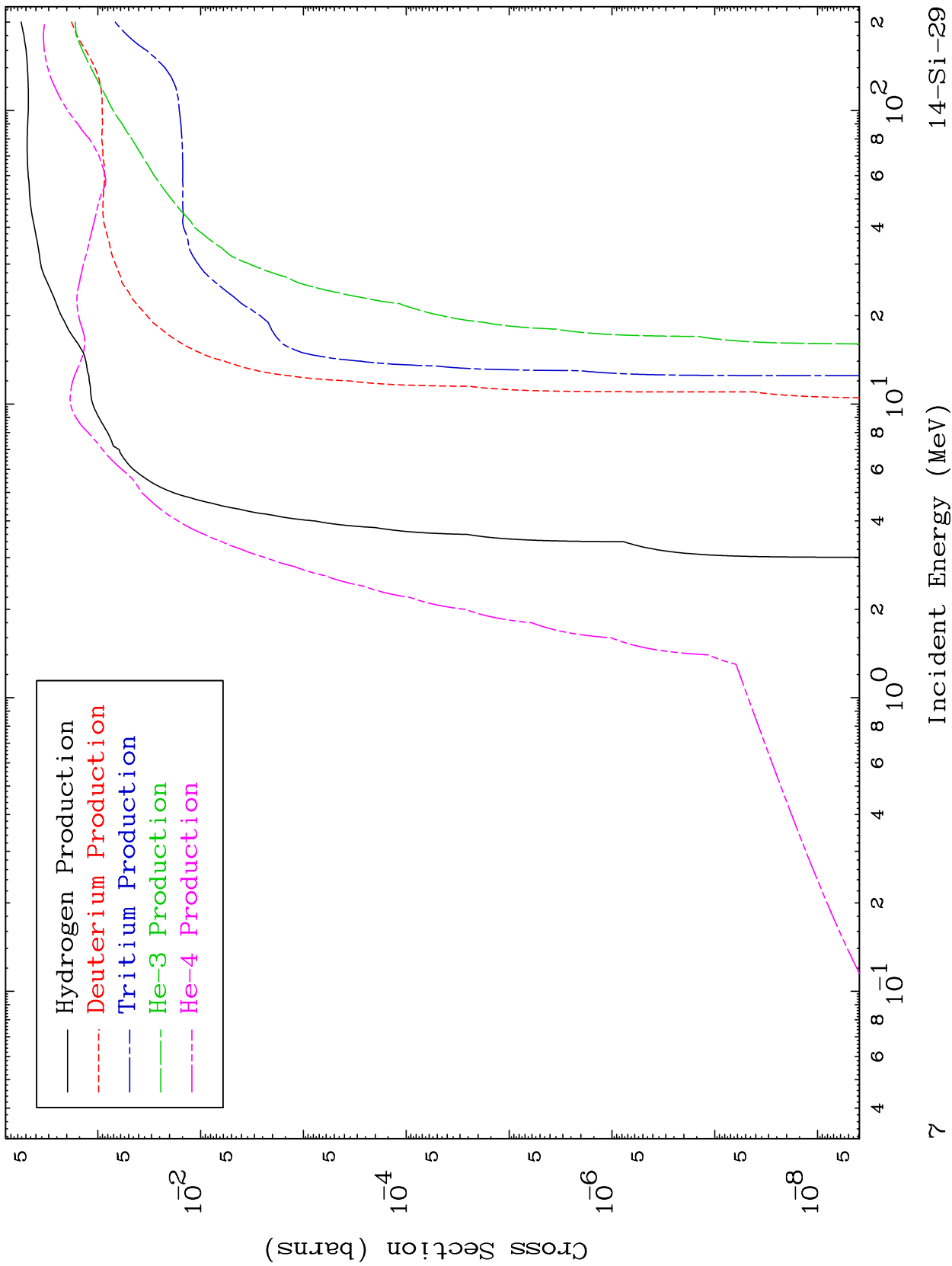


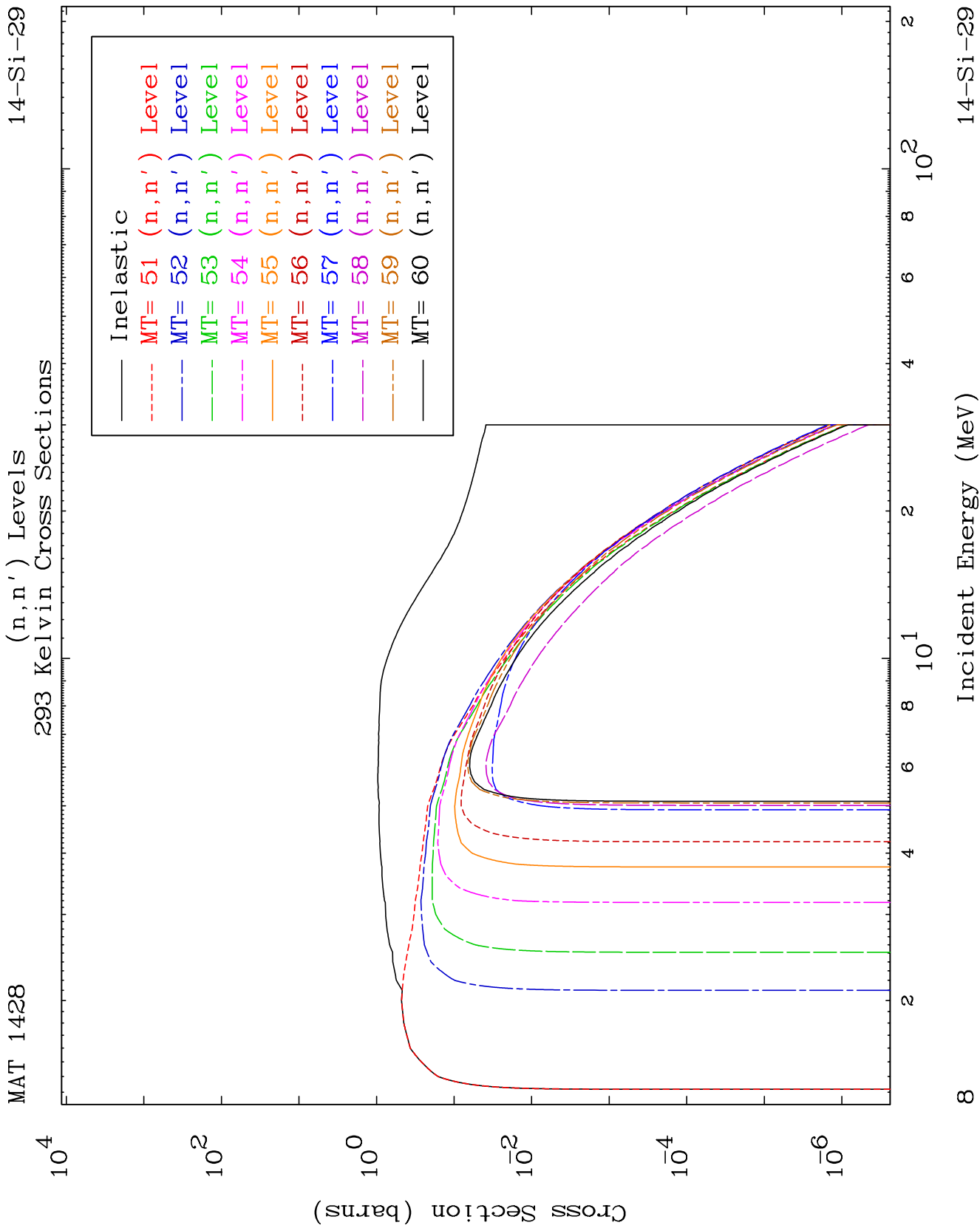
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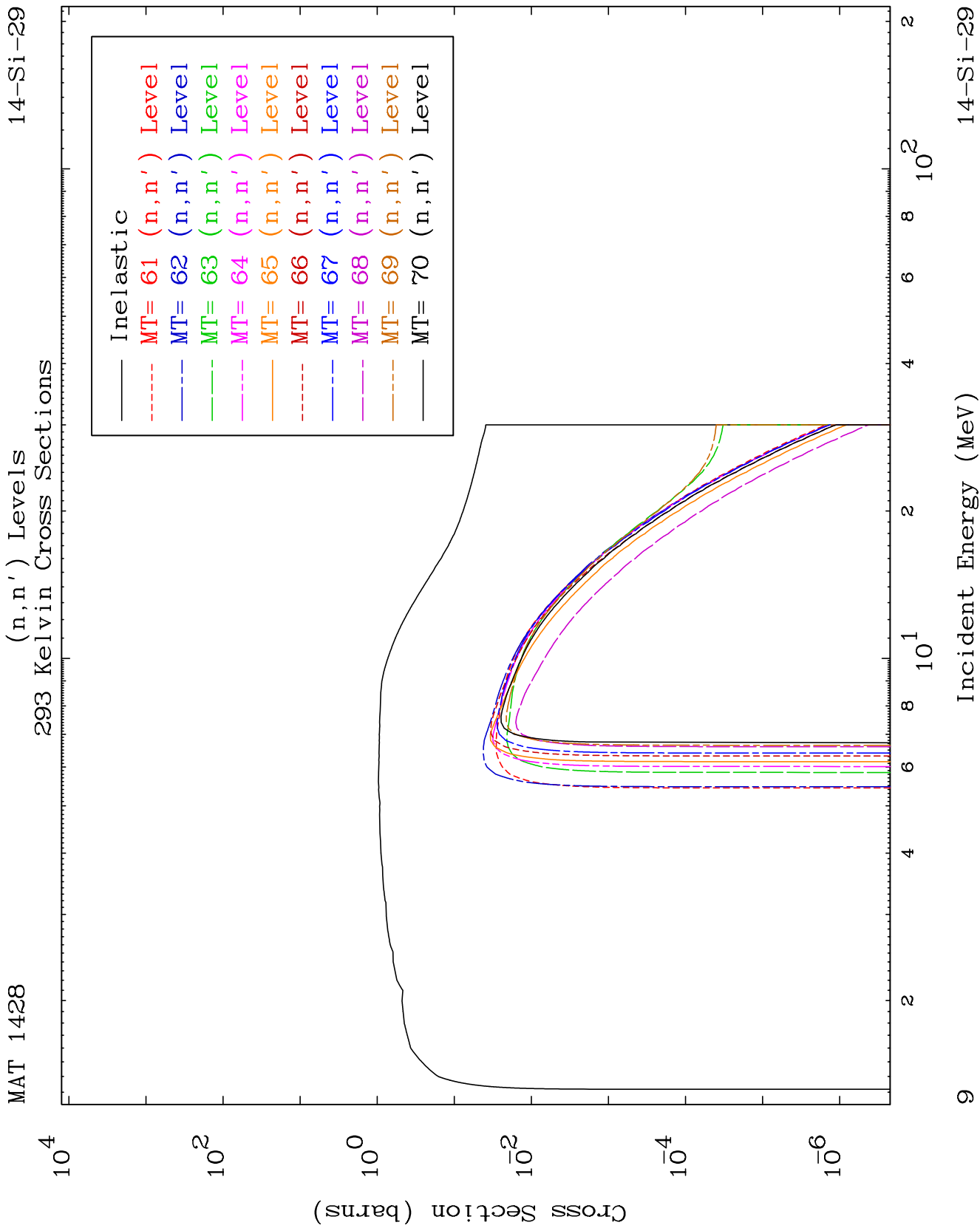
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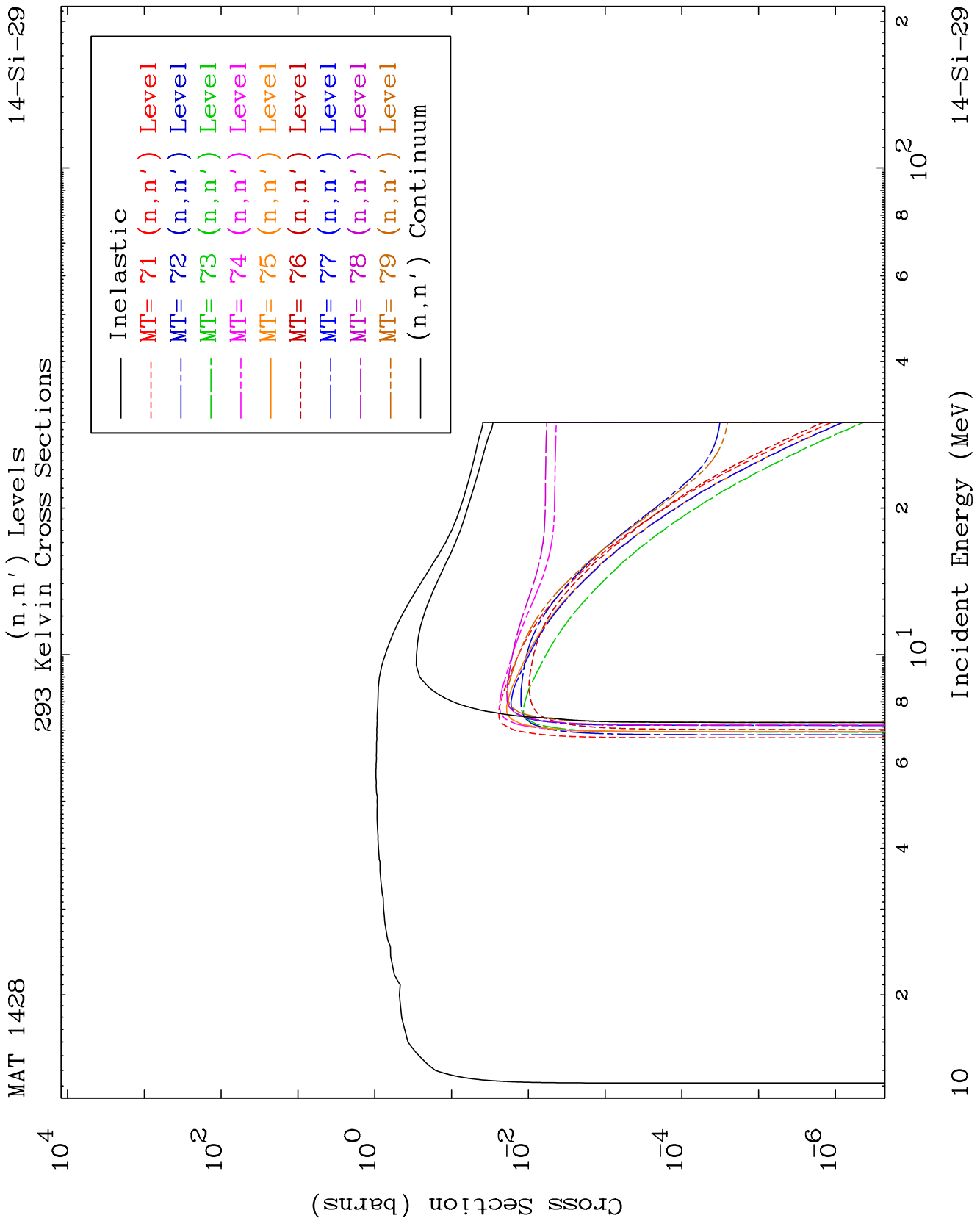
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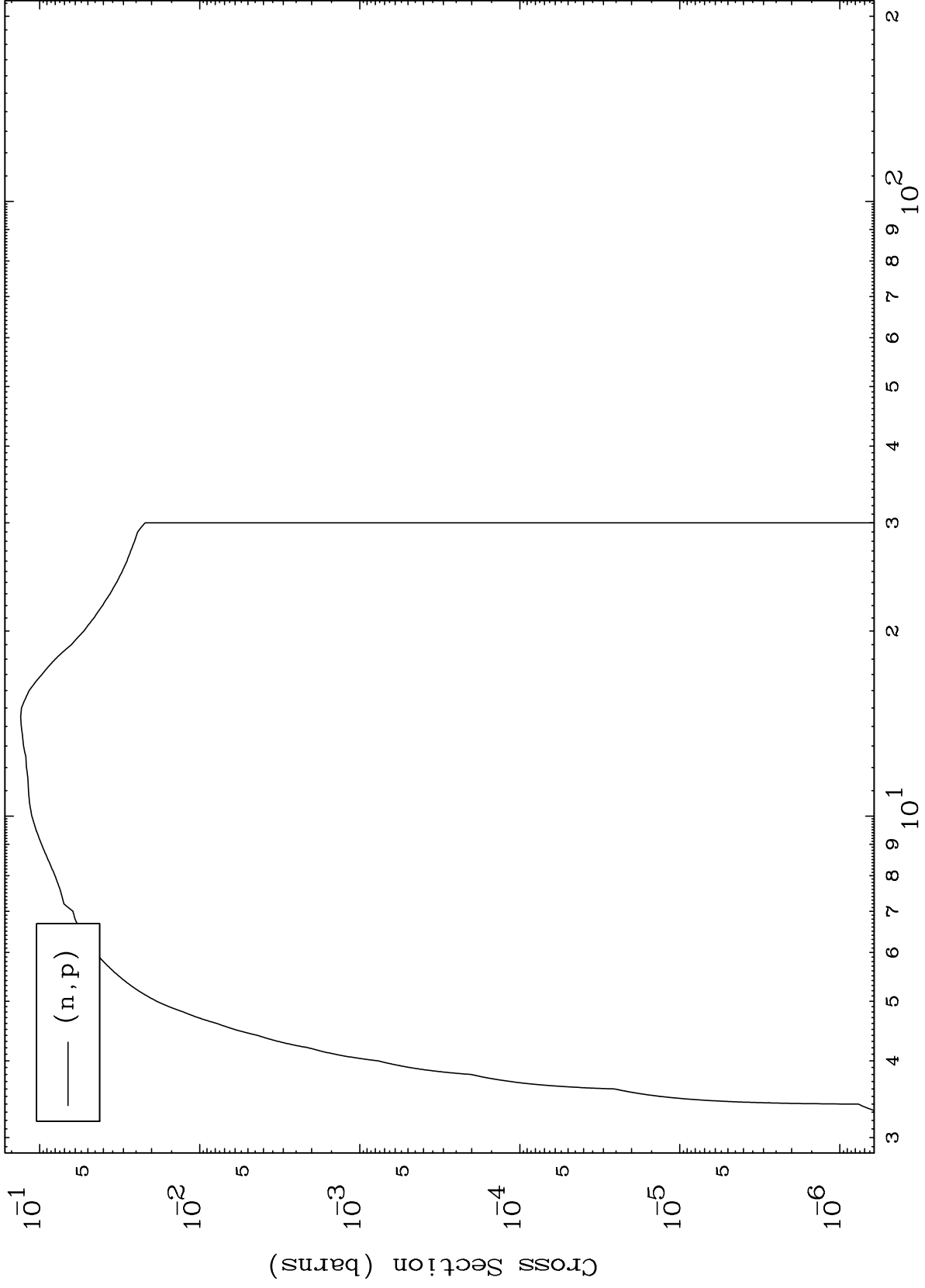




MAT 1428

(n,p) Levels
293 Kelvin Cross Sections

14-Si-29



11

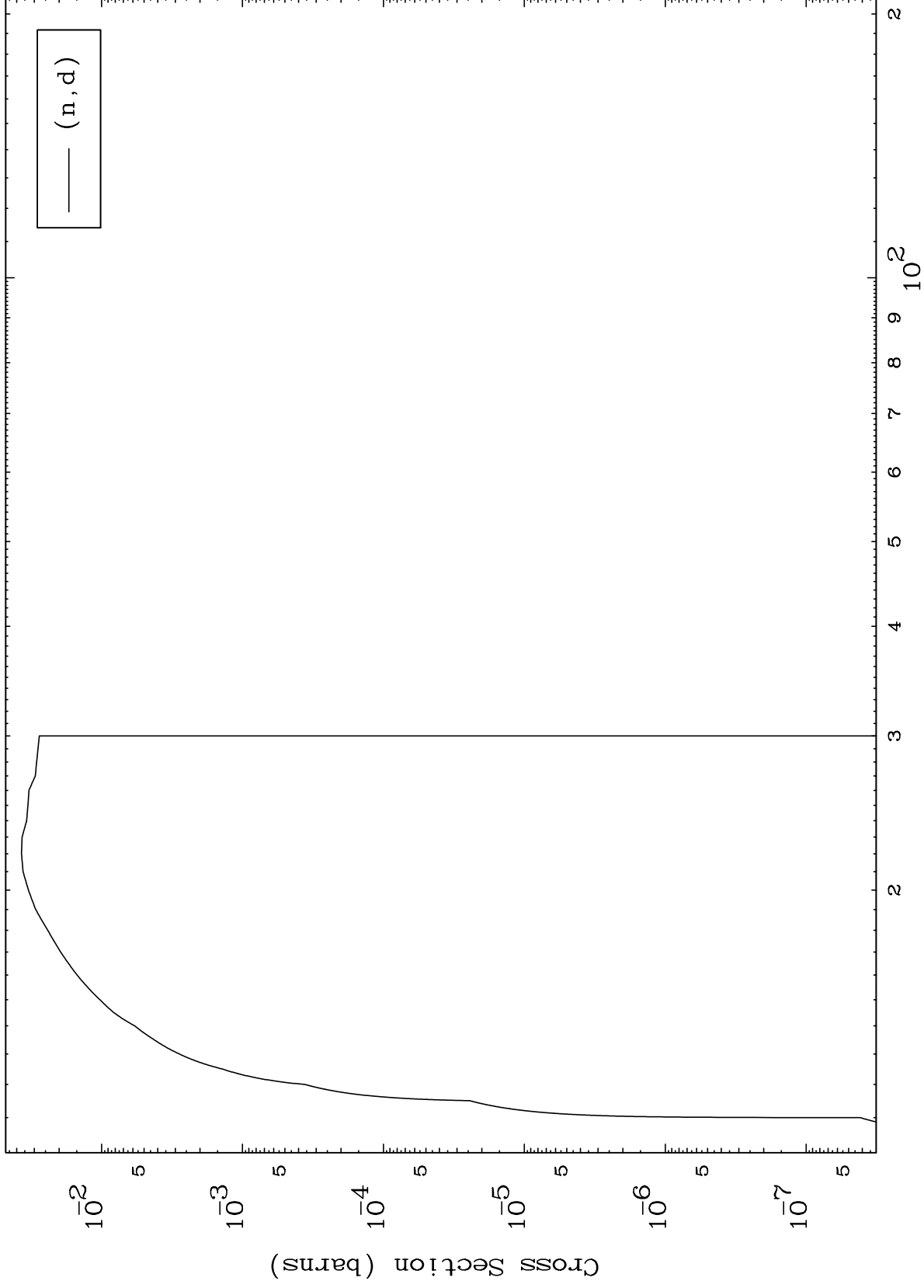
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,d) Levels
293 Kelvin Cross Sections

14-Si-29



(n,d)

12

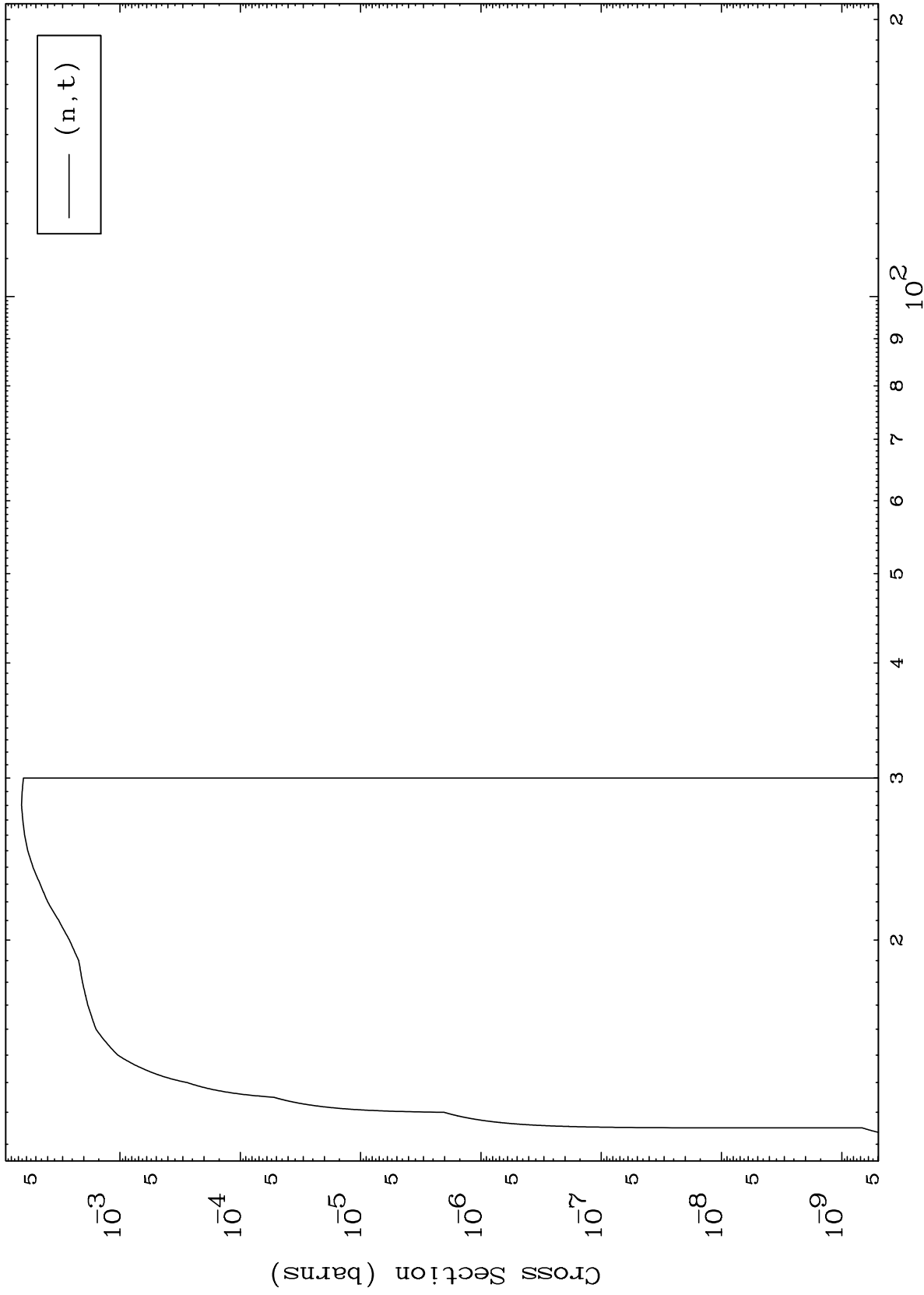
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,t) Levels
293 Kelvin Cross Sections

14-Si-29



13

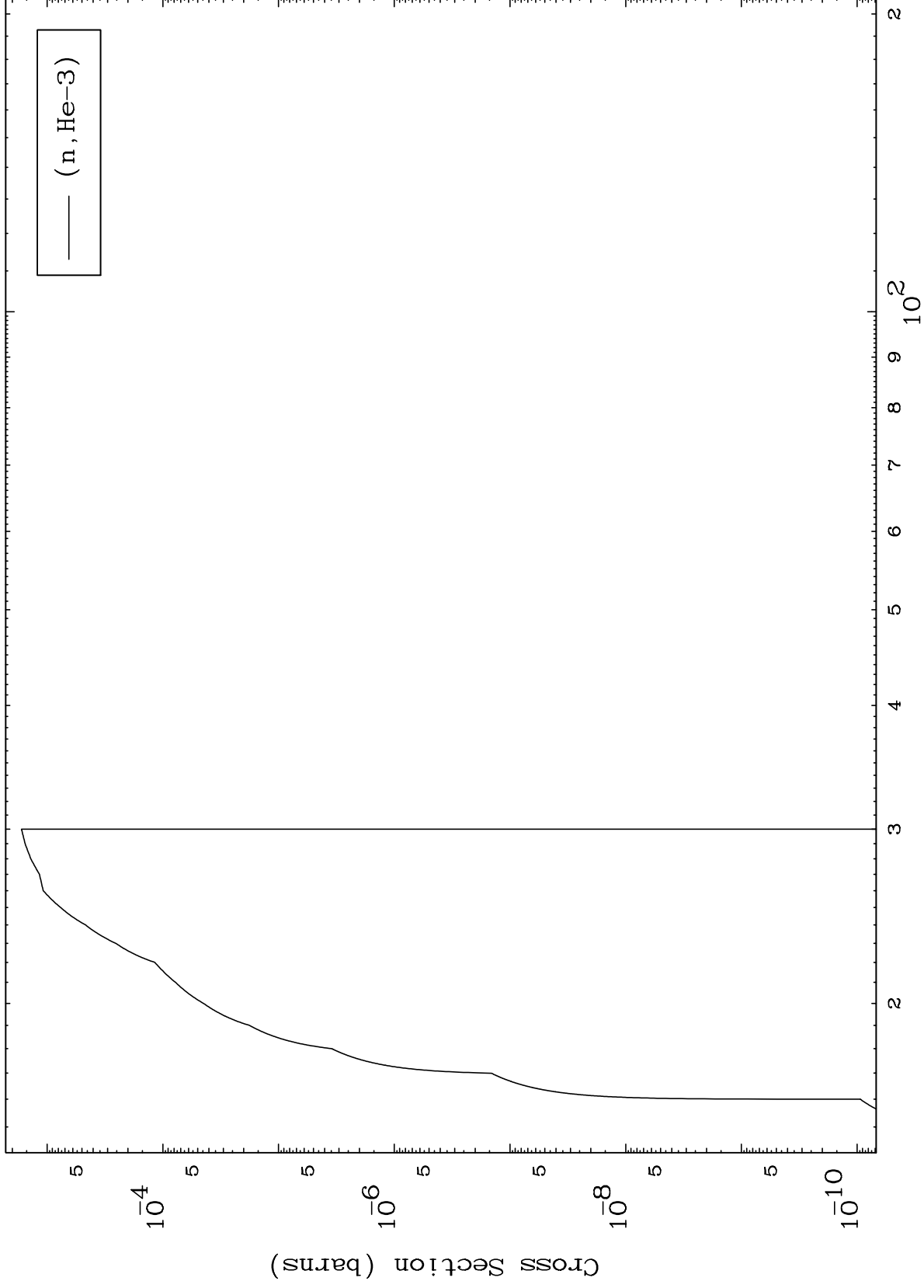
Incident Energy (MeV)

14-Si-29

MAT 1428

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-29



14

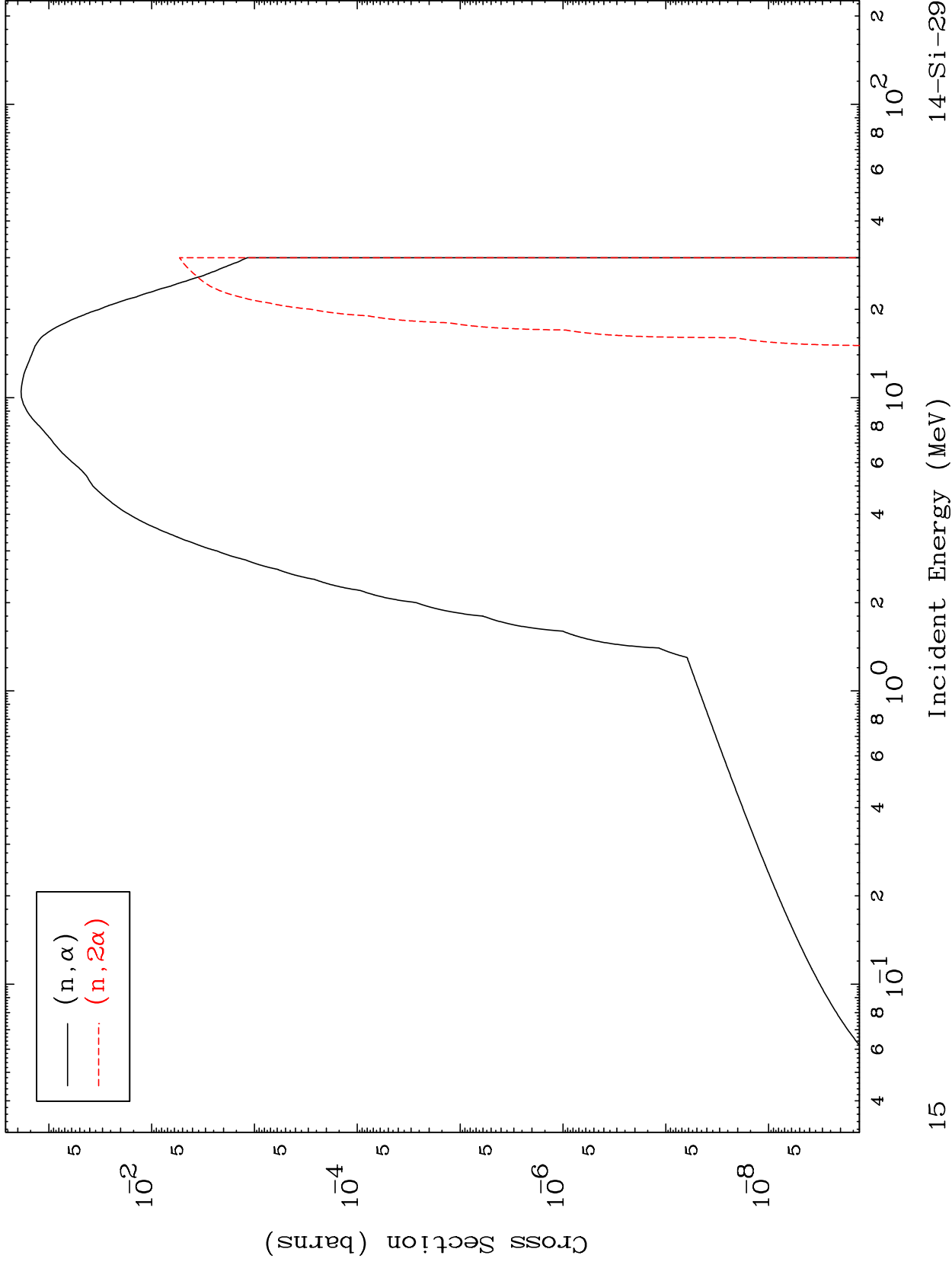
Incident Energy (MeV)

14-Si-29

MAT 1428

(n, α) Levels
293 Kelvin Cross Sections

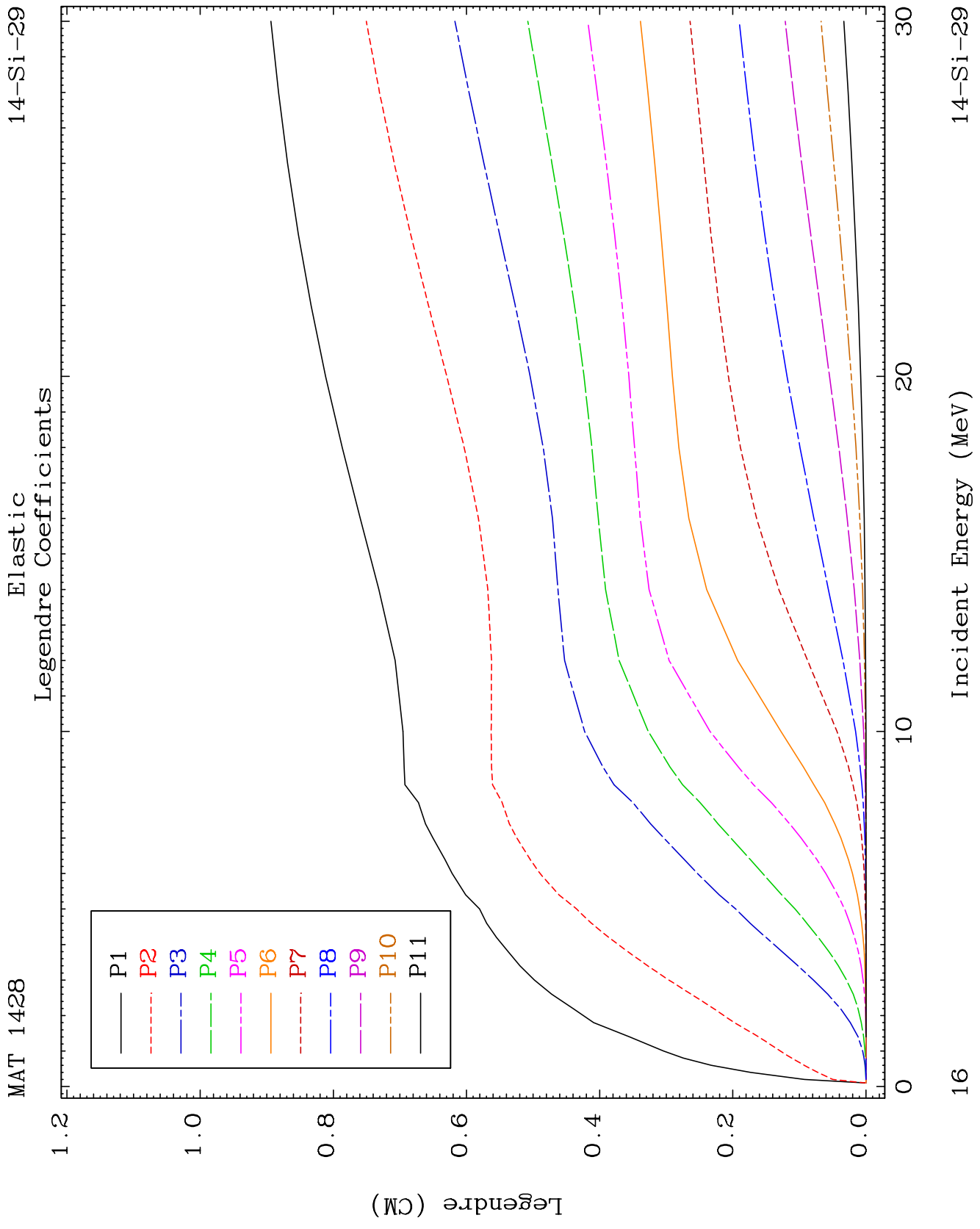
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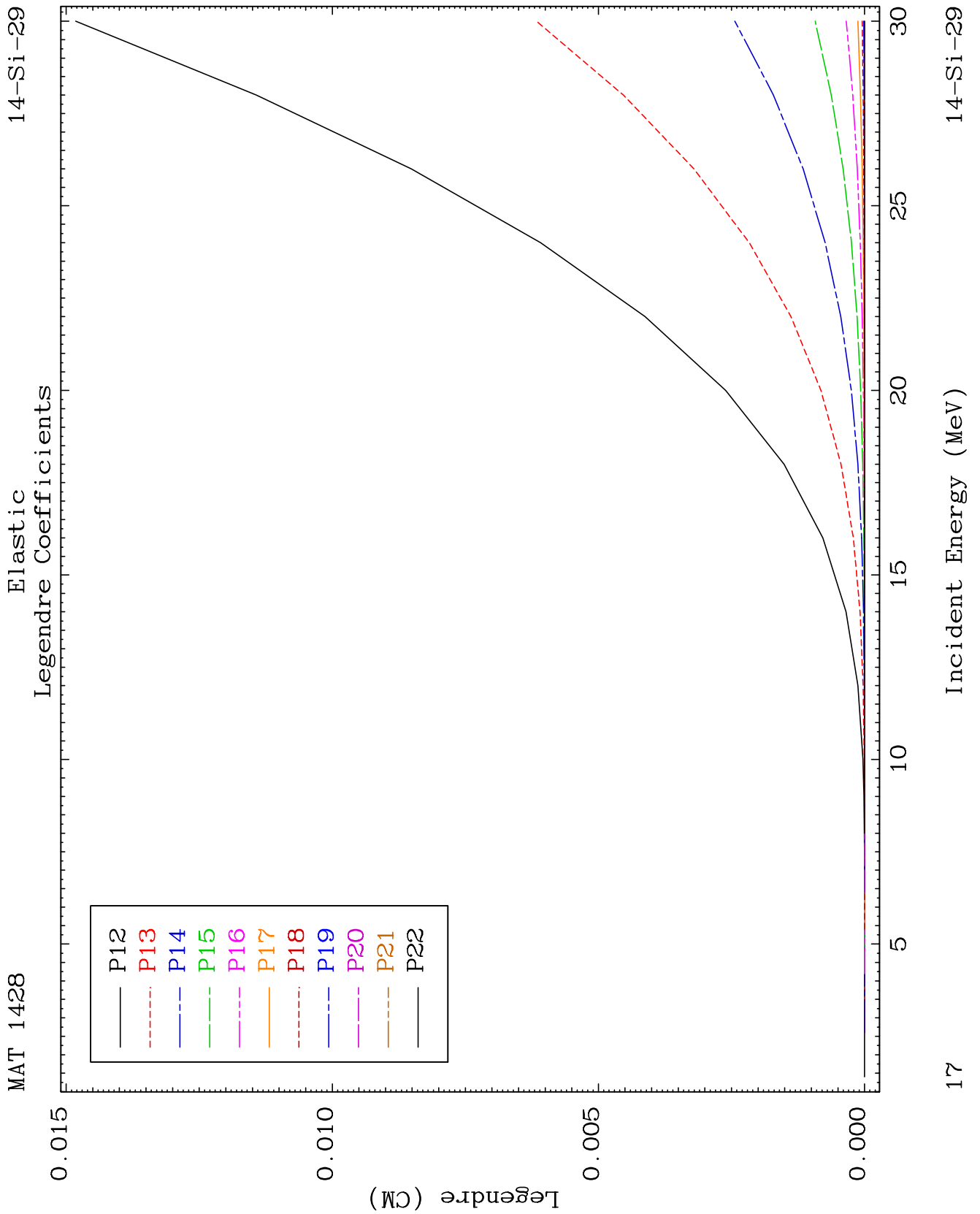


15

Incident Energy (MeV)

14-Si-29





MAT 1428

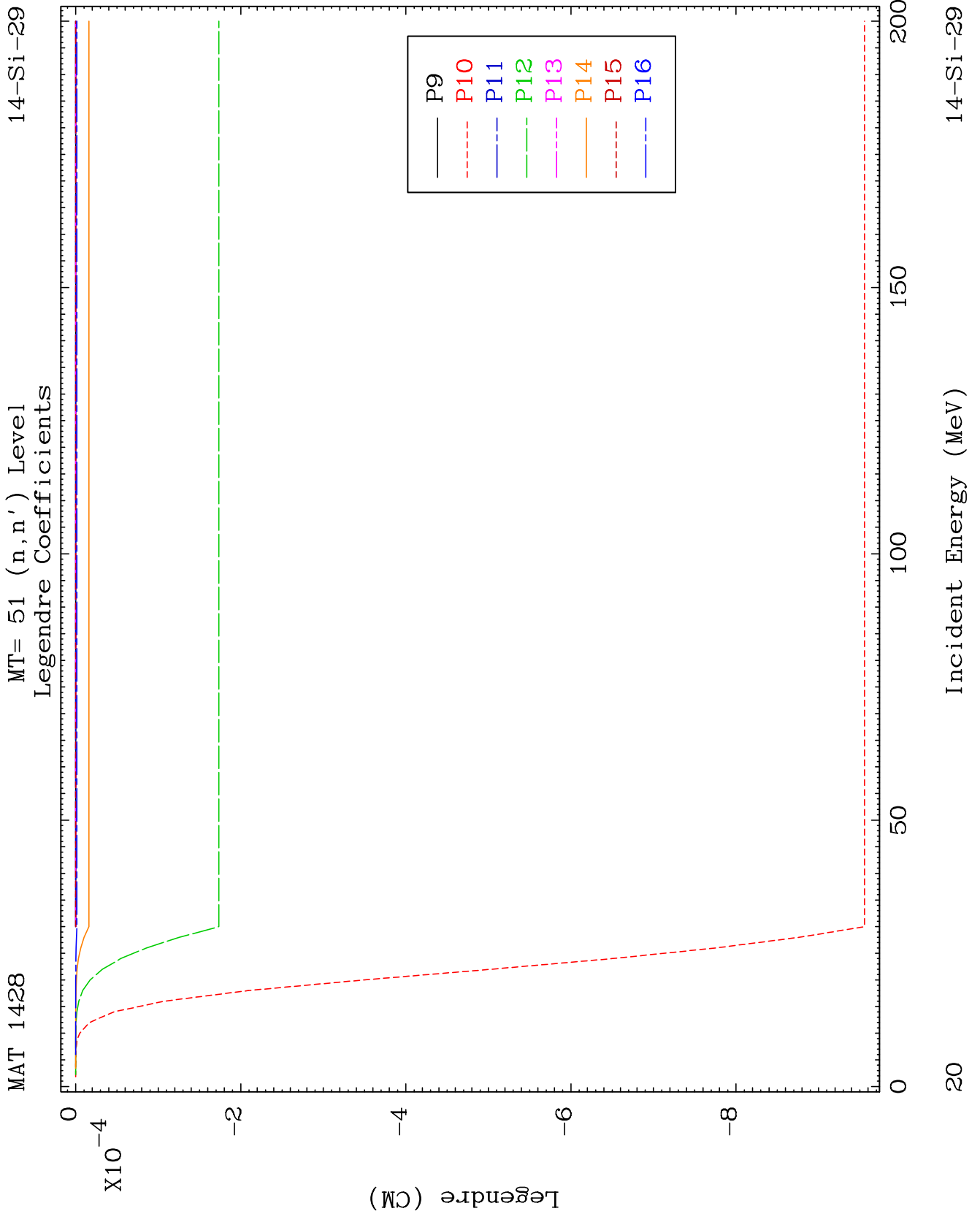
Elastic Legendre Coefficients

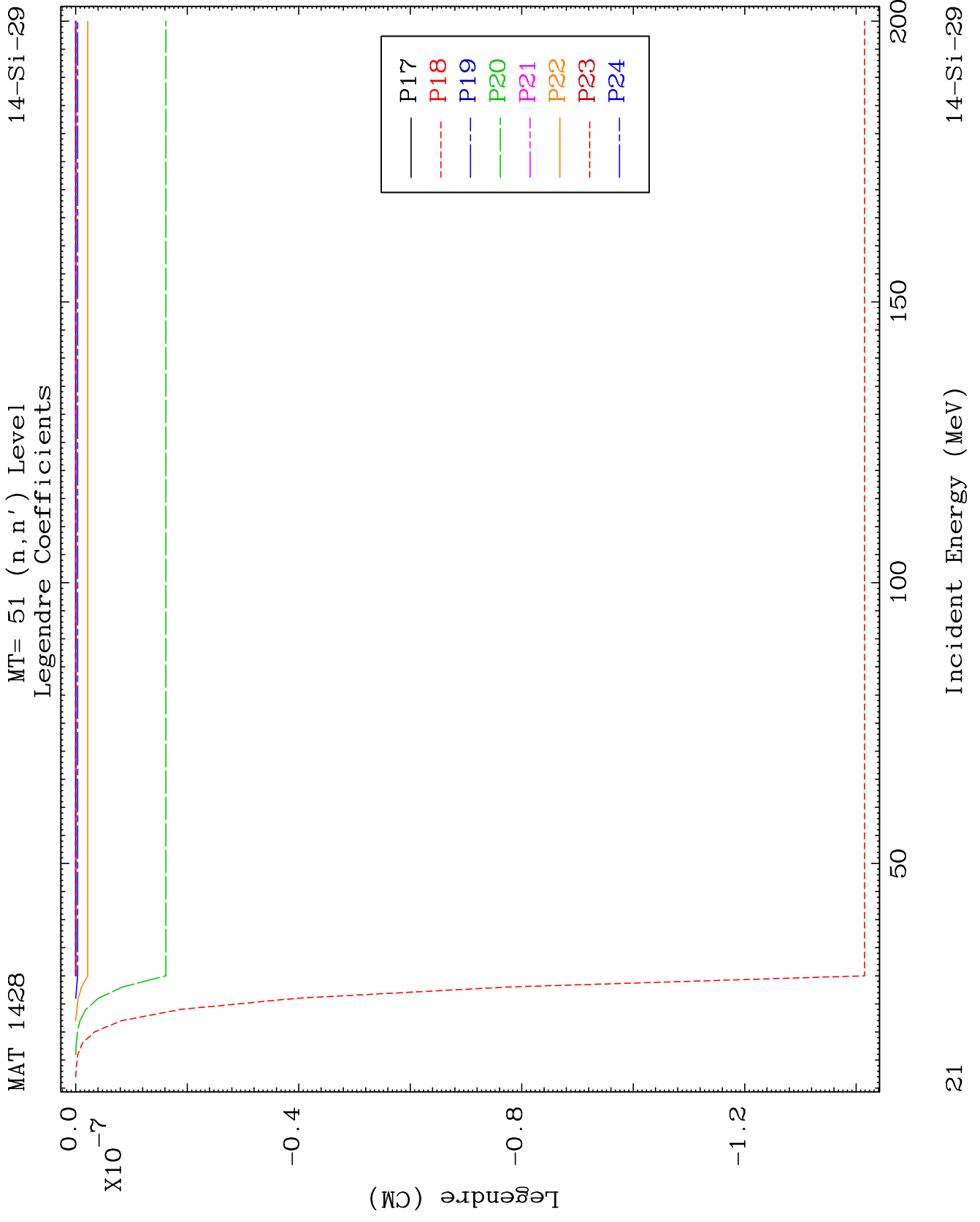
$^{14}\text{Si}-29$

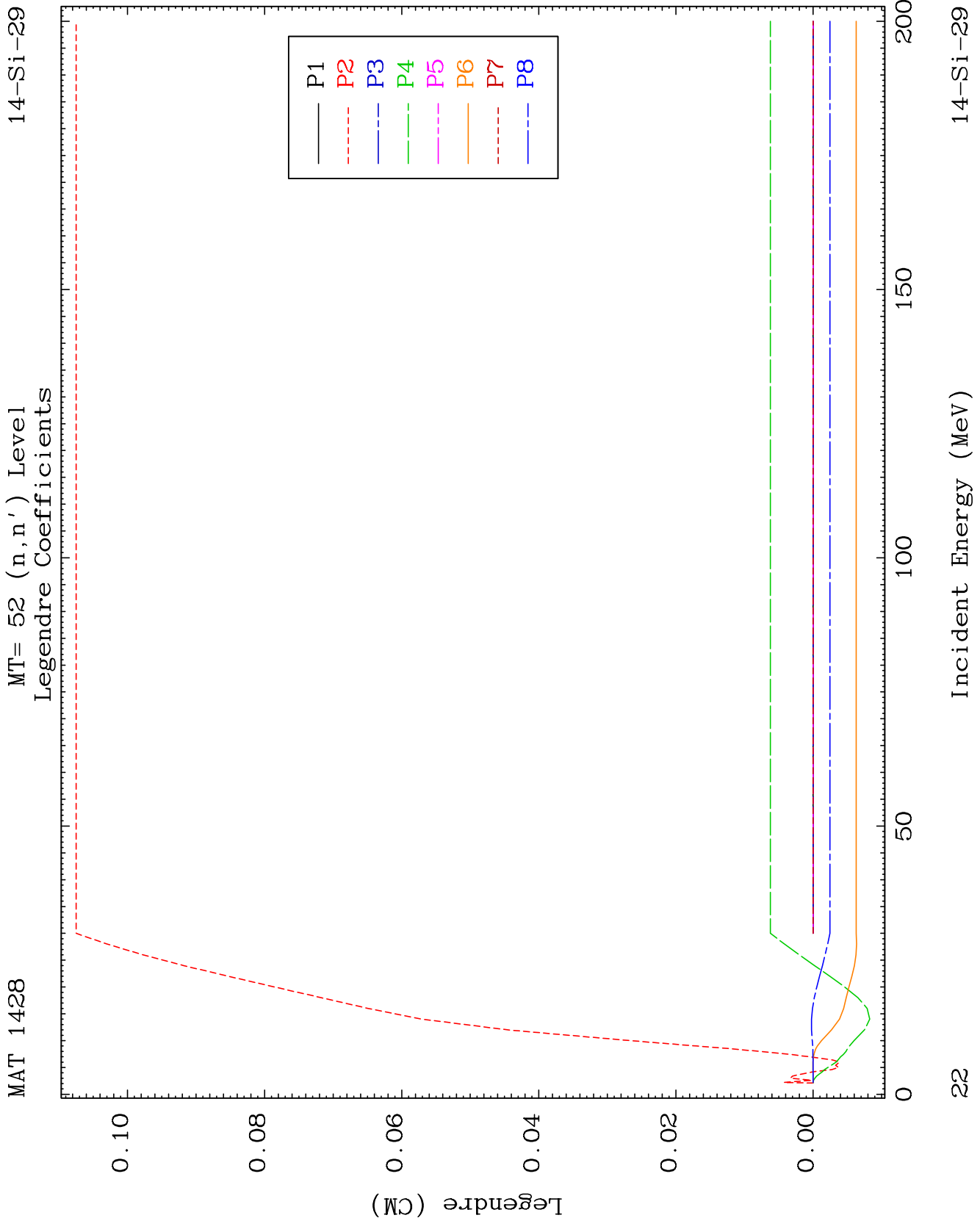
17

Incident Energy (MeV)

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



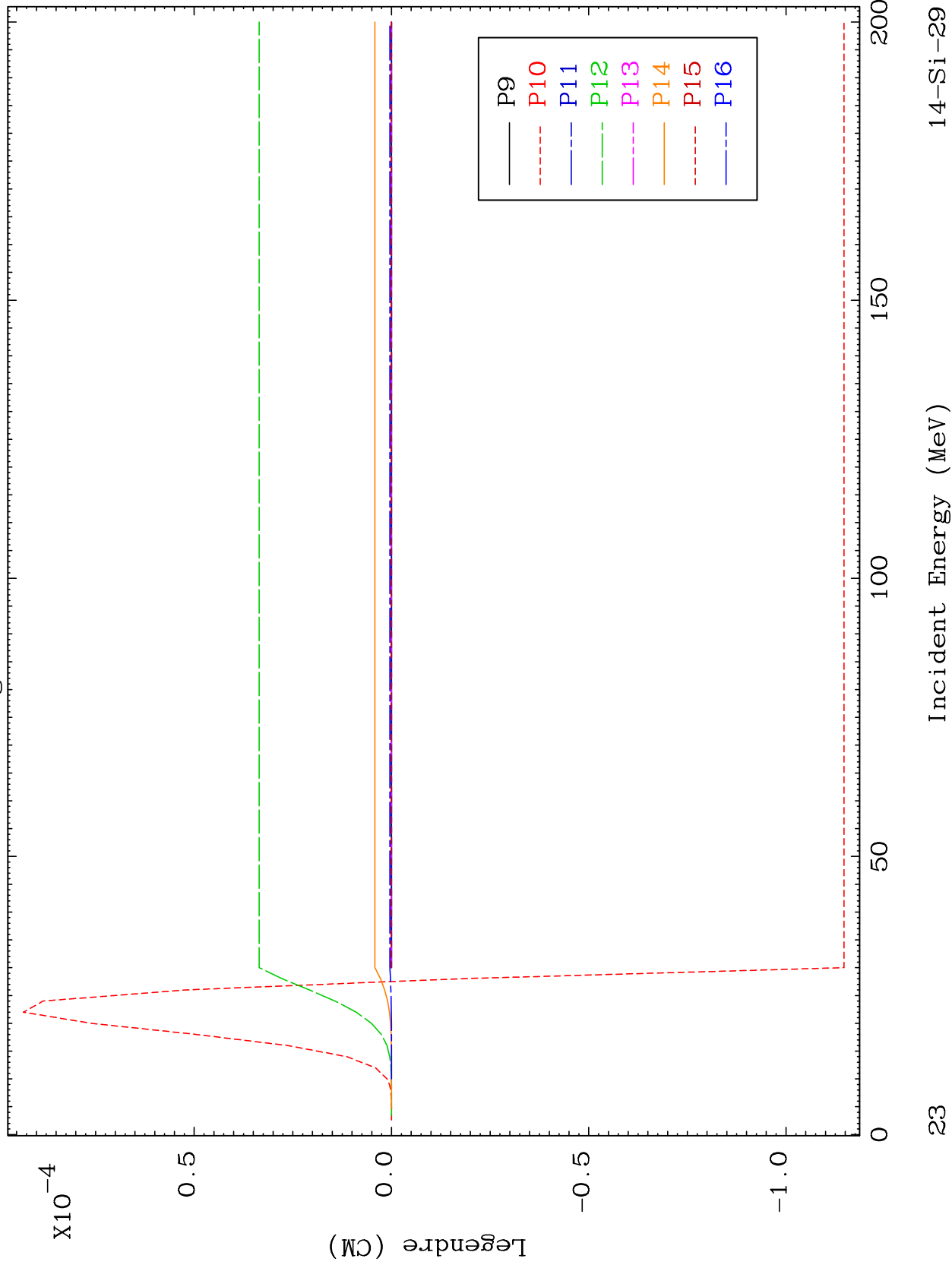




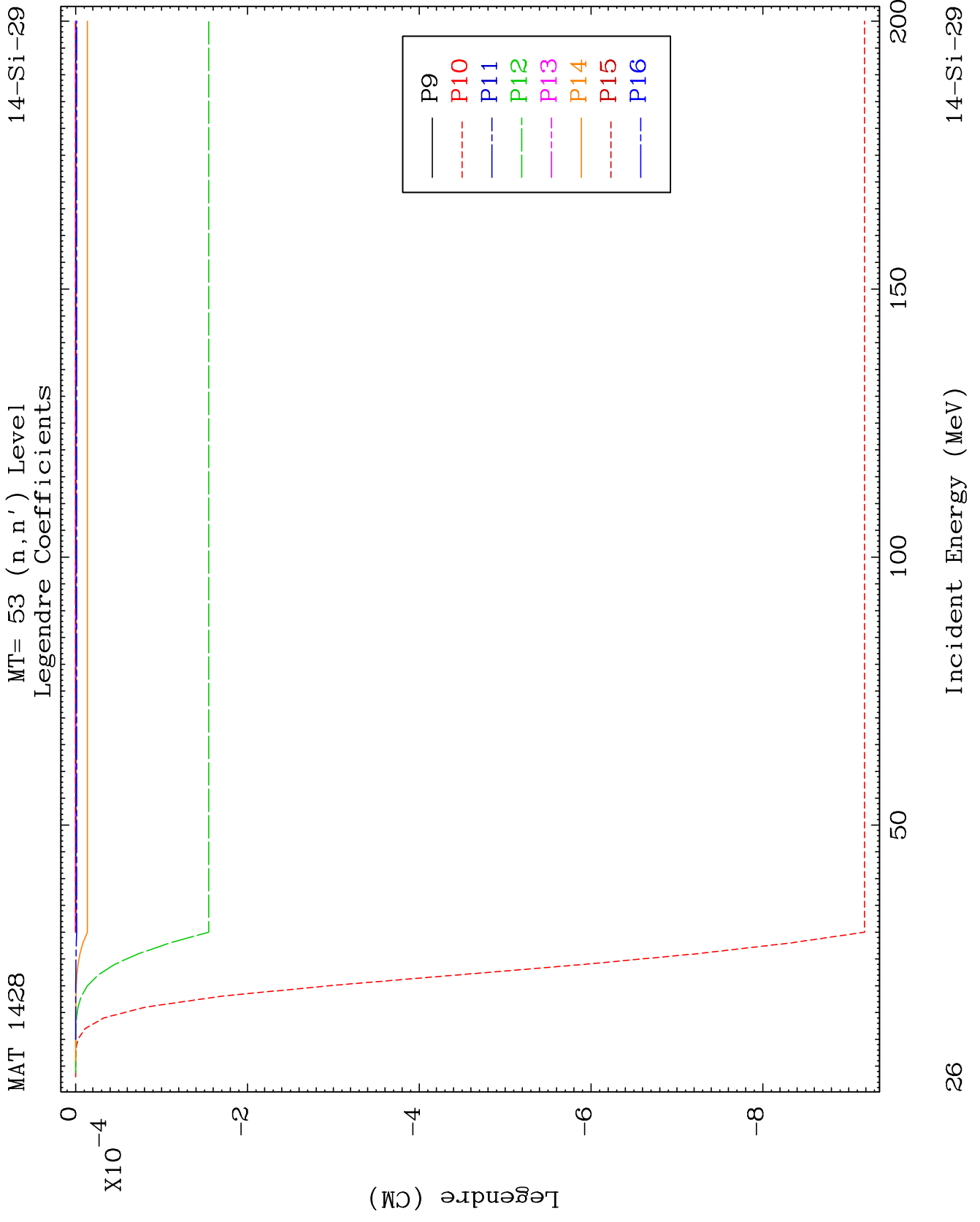
MAT 1428

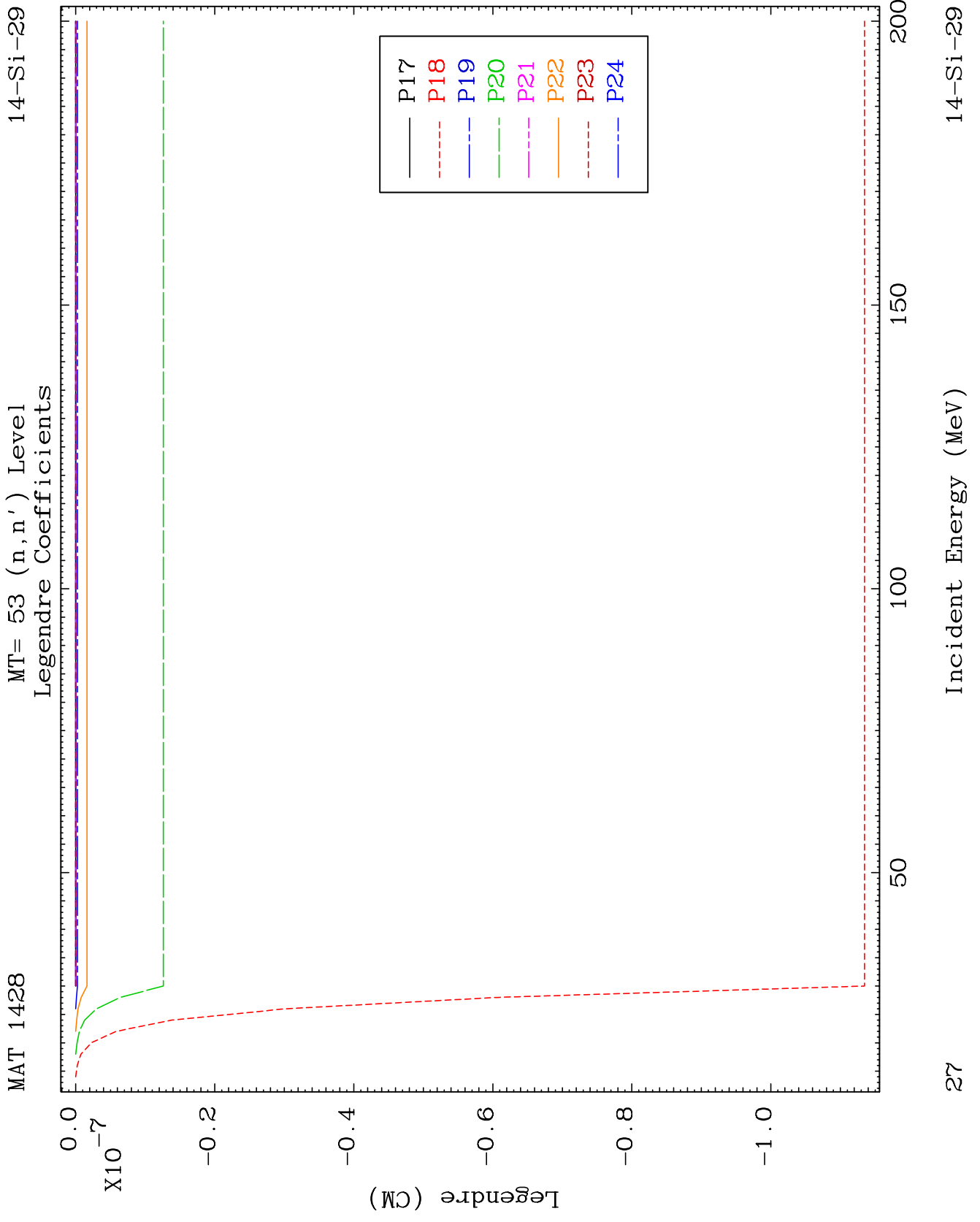
MT= 52 (n,n') Level
Legendre Coefficients

14-Si-29



23

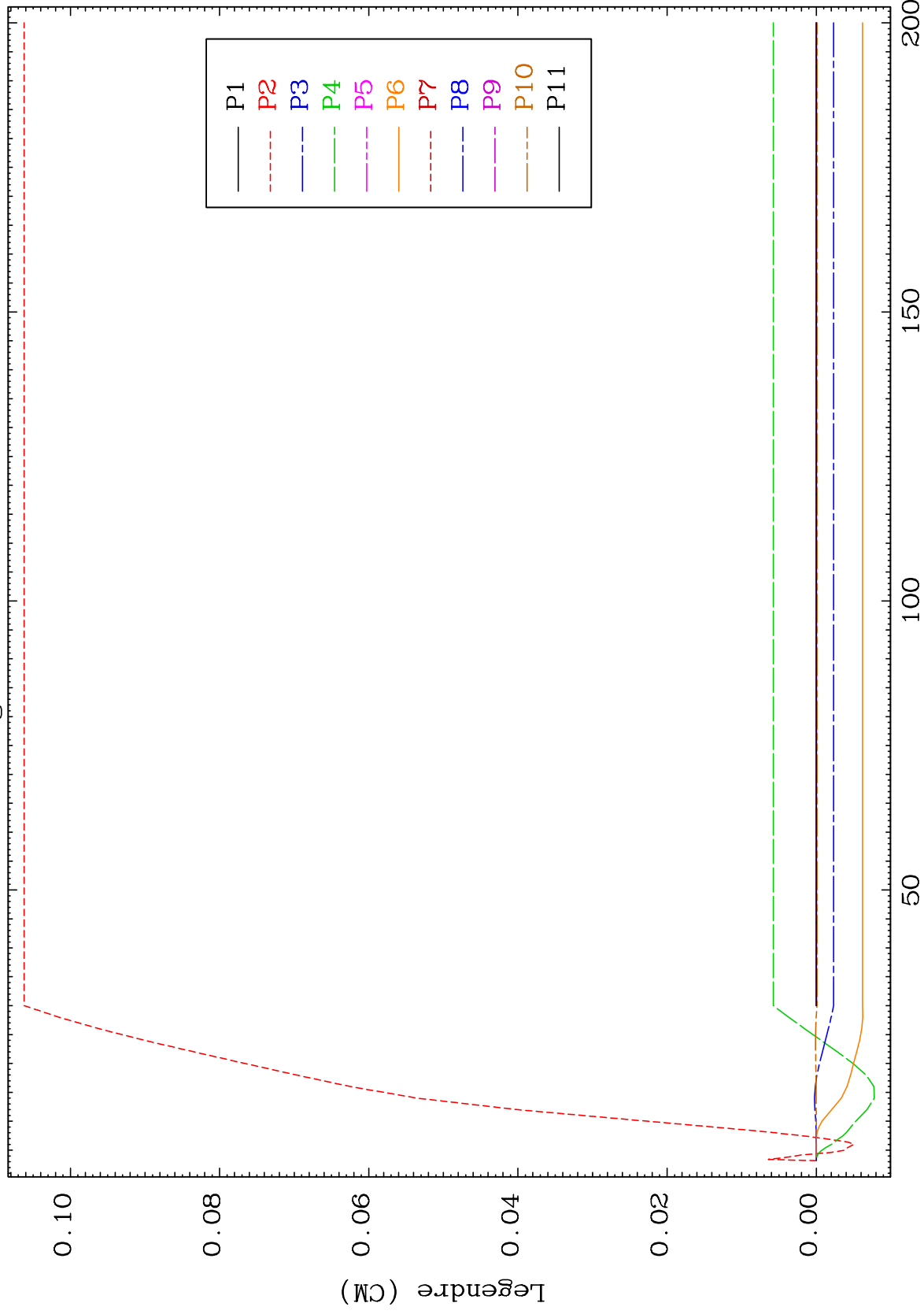




MAT 1428

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

14-Si-29



28

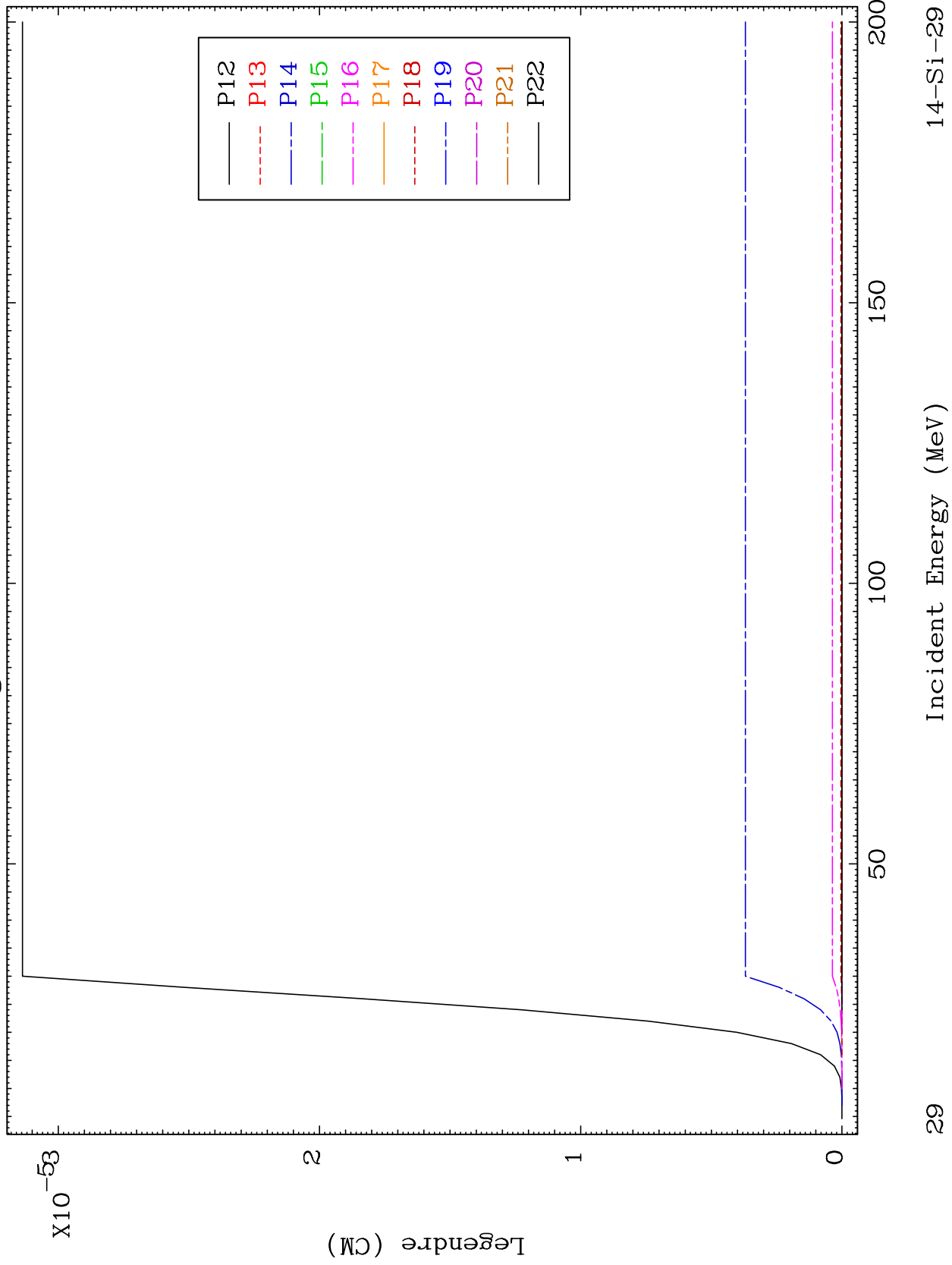
Incident Energy (MeV)

14-Si-29

MAT 1428

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

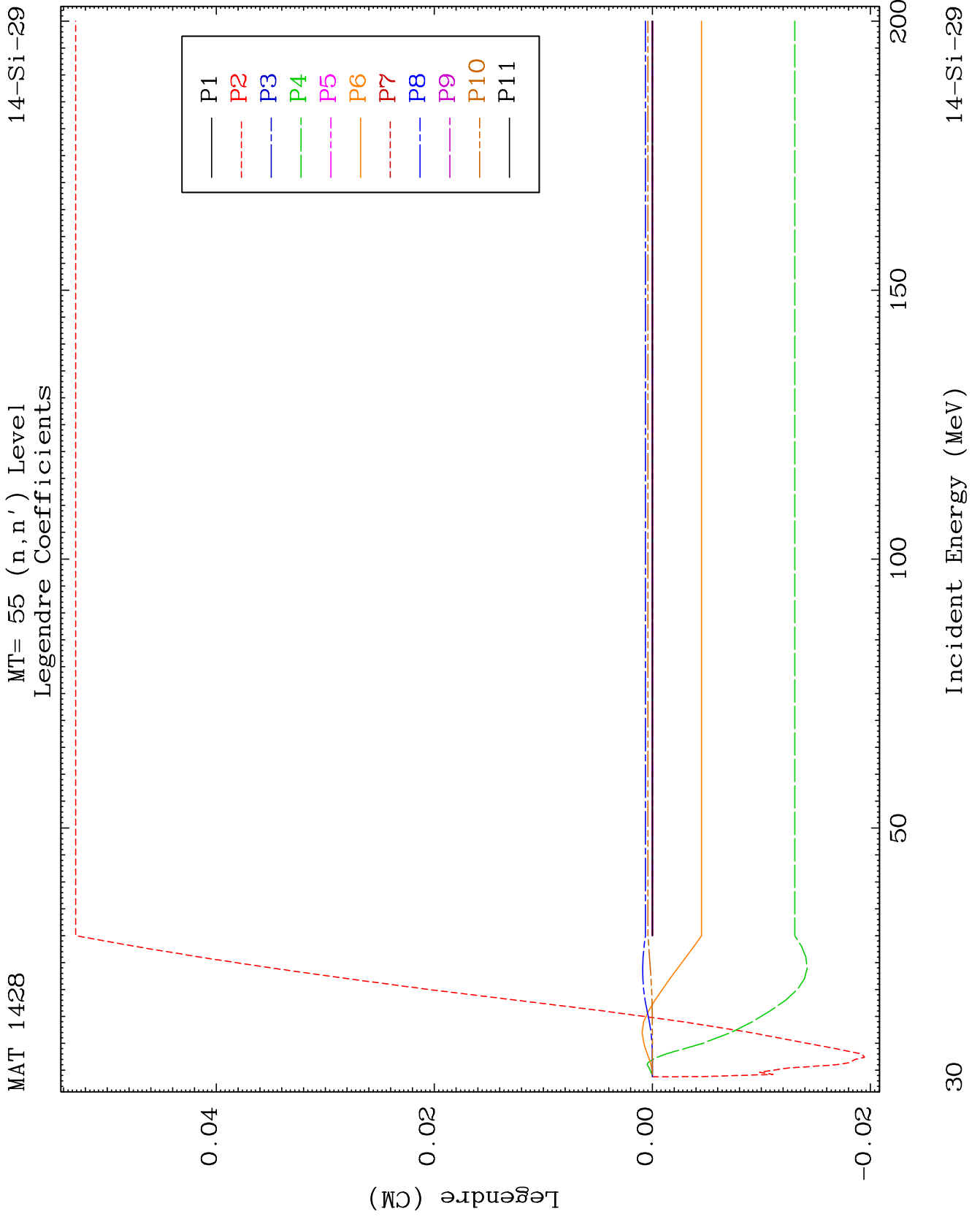
14-Si-29



29

Incident Energy (MeV)

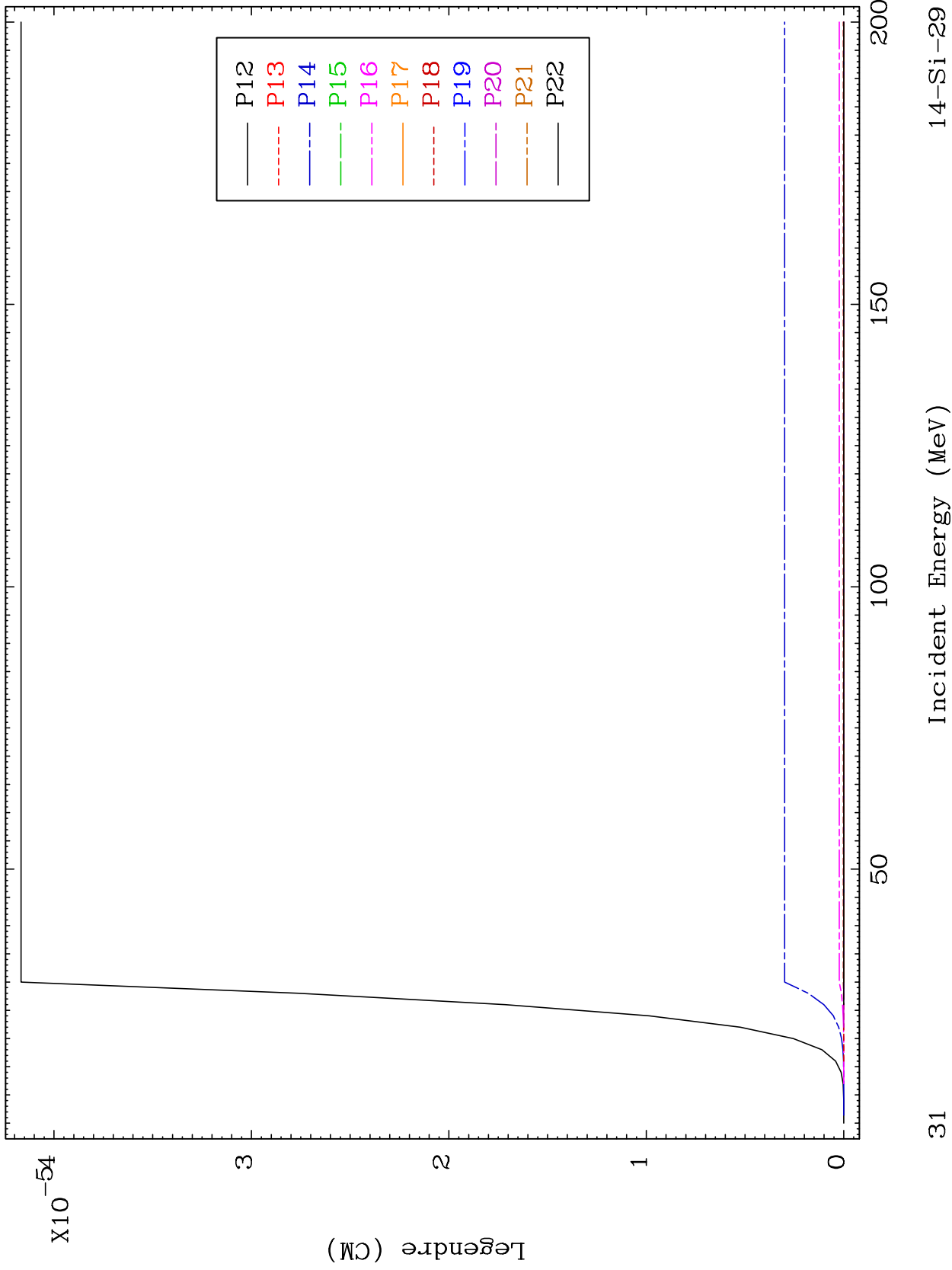
14-Si-29

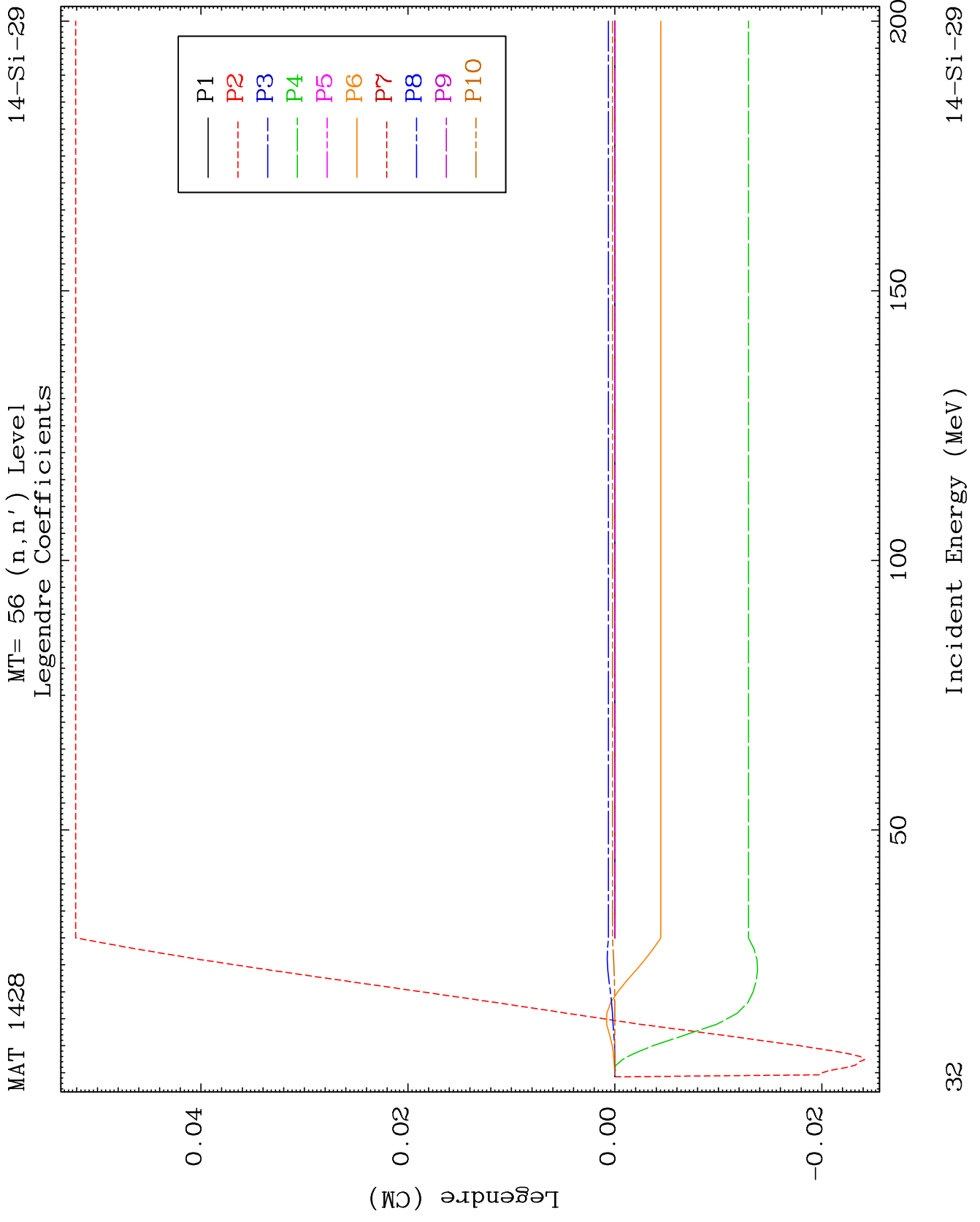


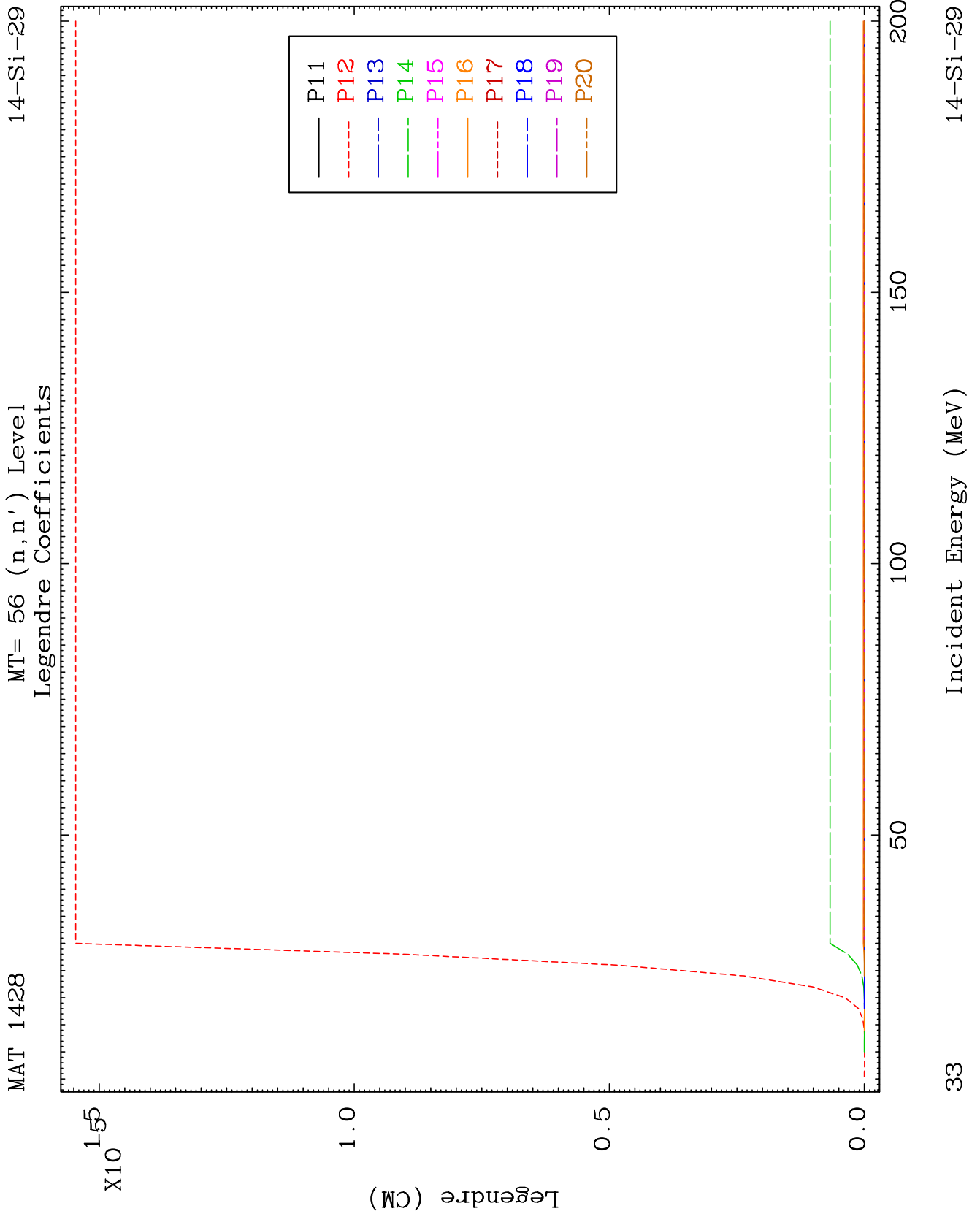
MAT 1428

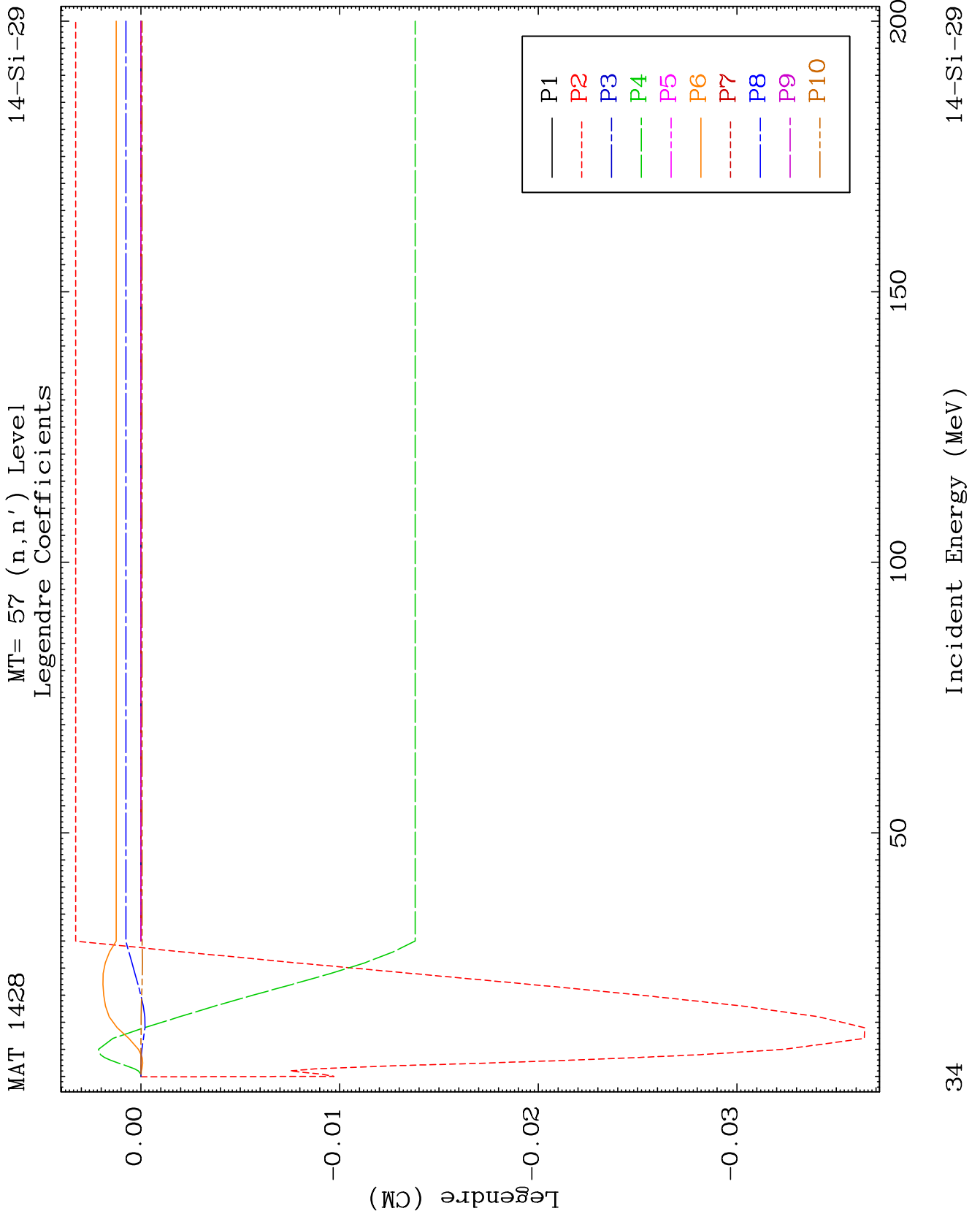
MT= 55 (n,n') Level
Legendre Coefficients

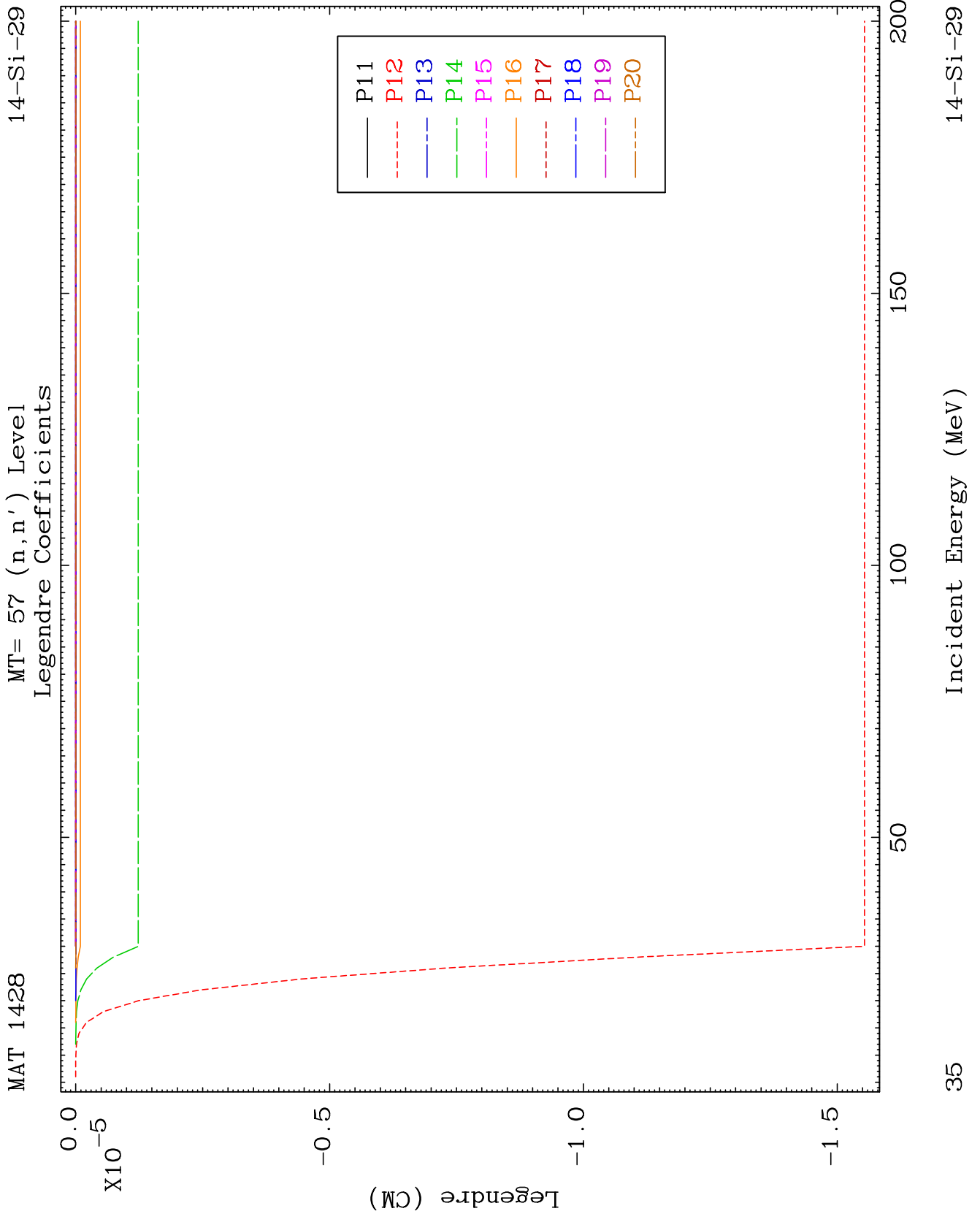
14-Si-29

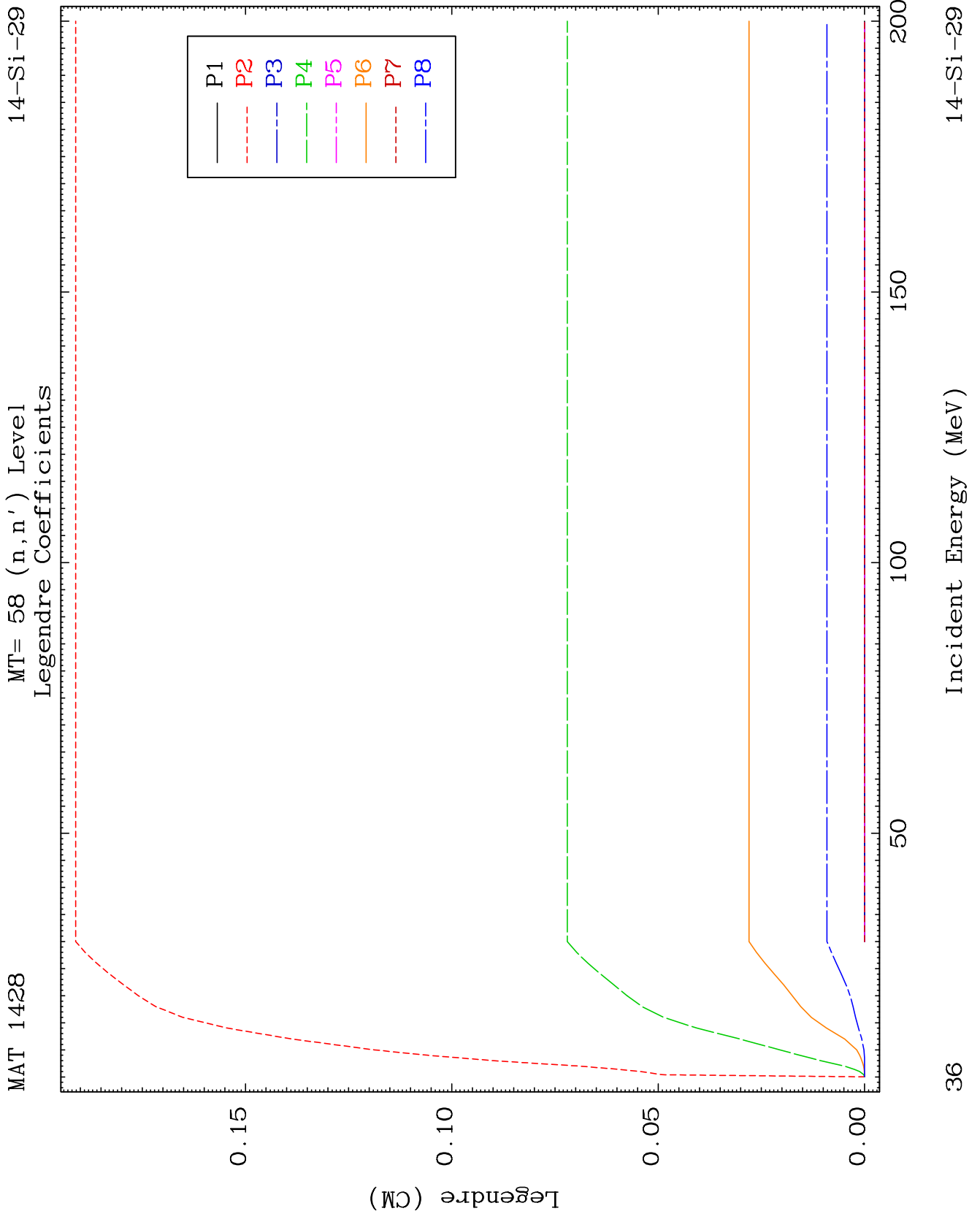


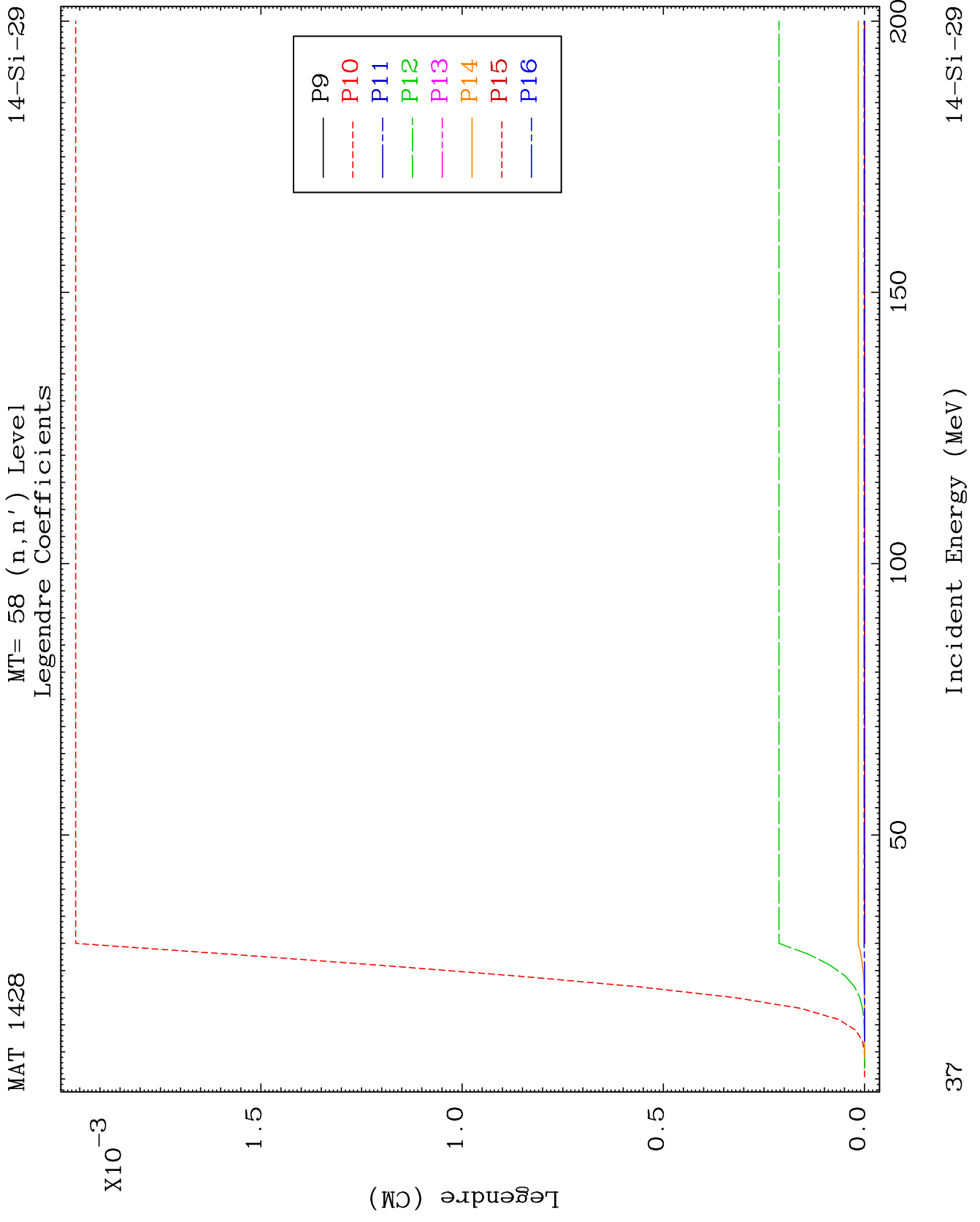


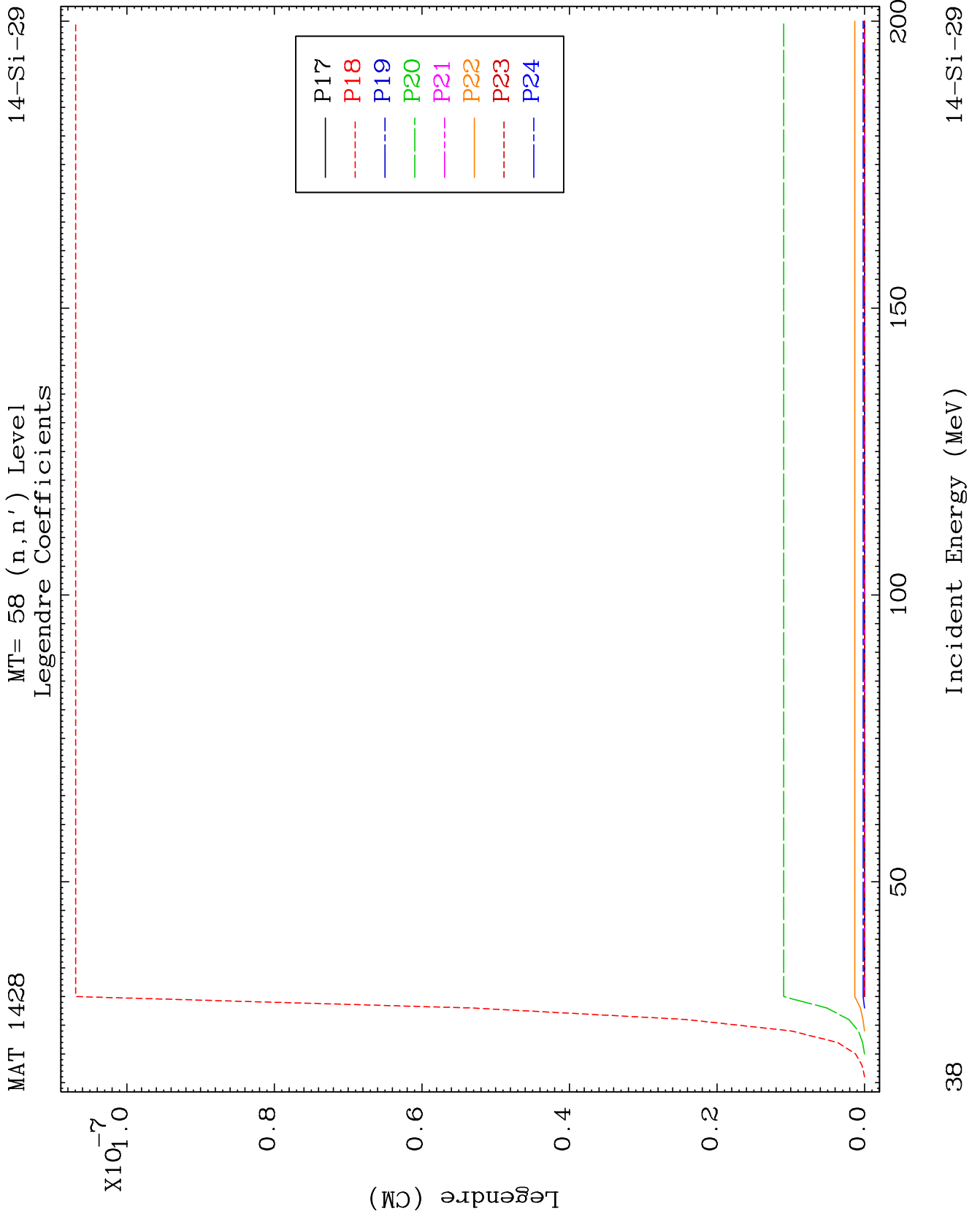








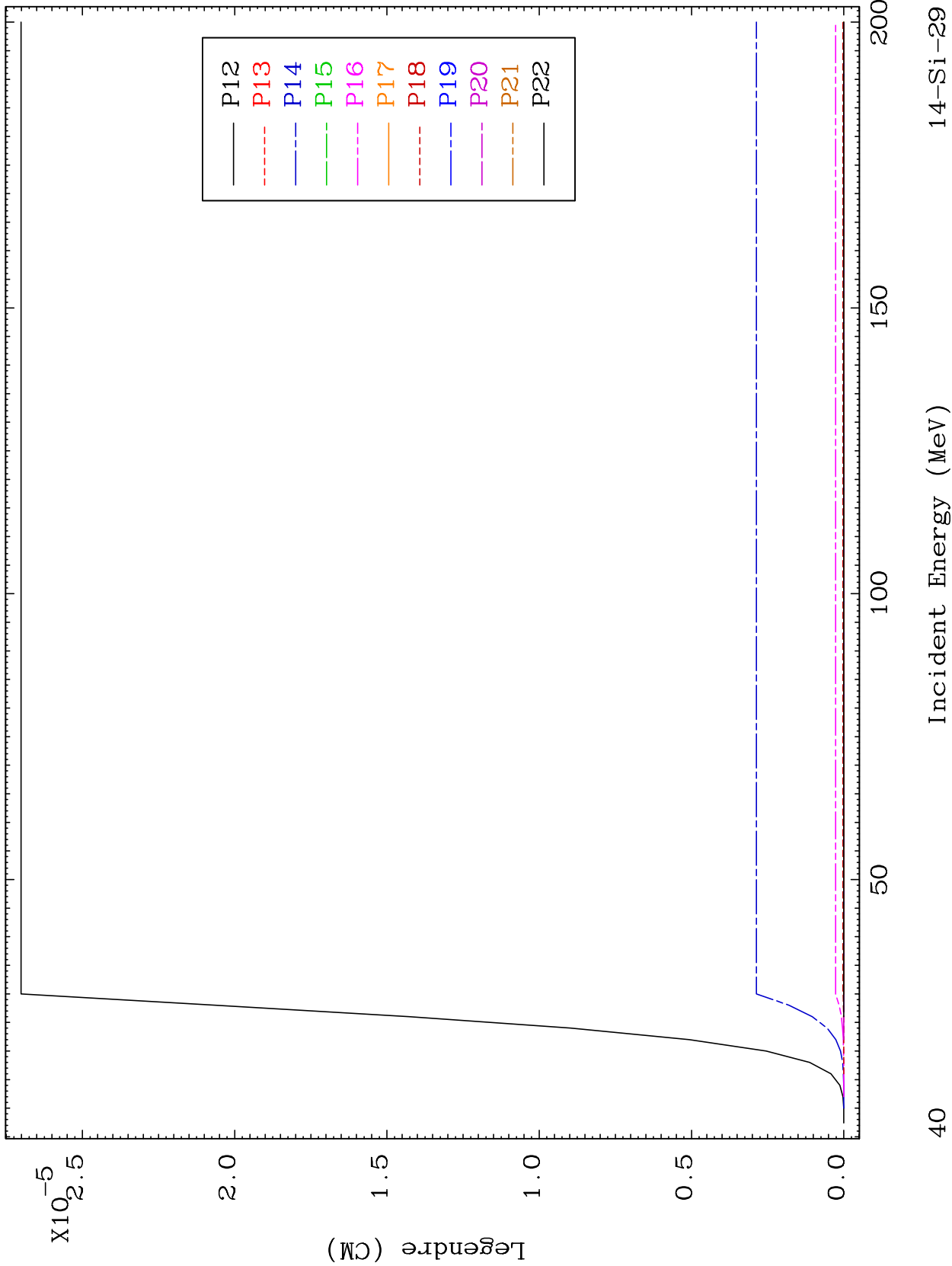


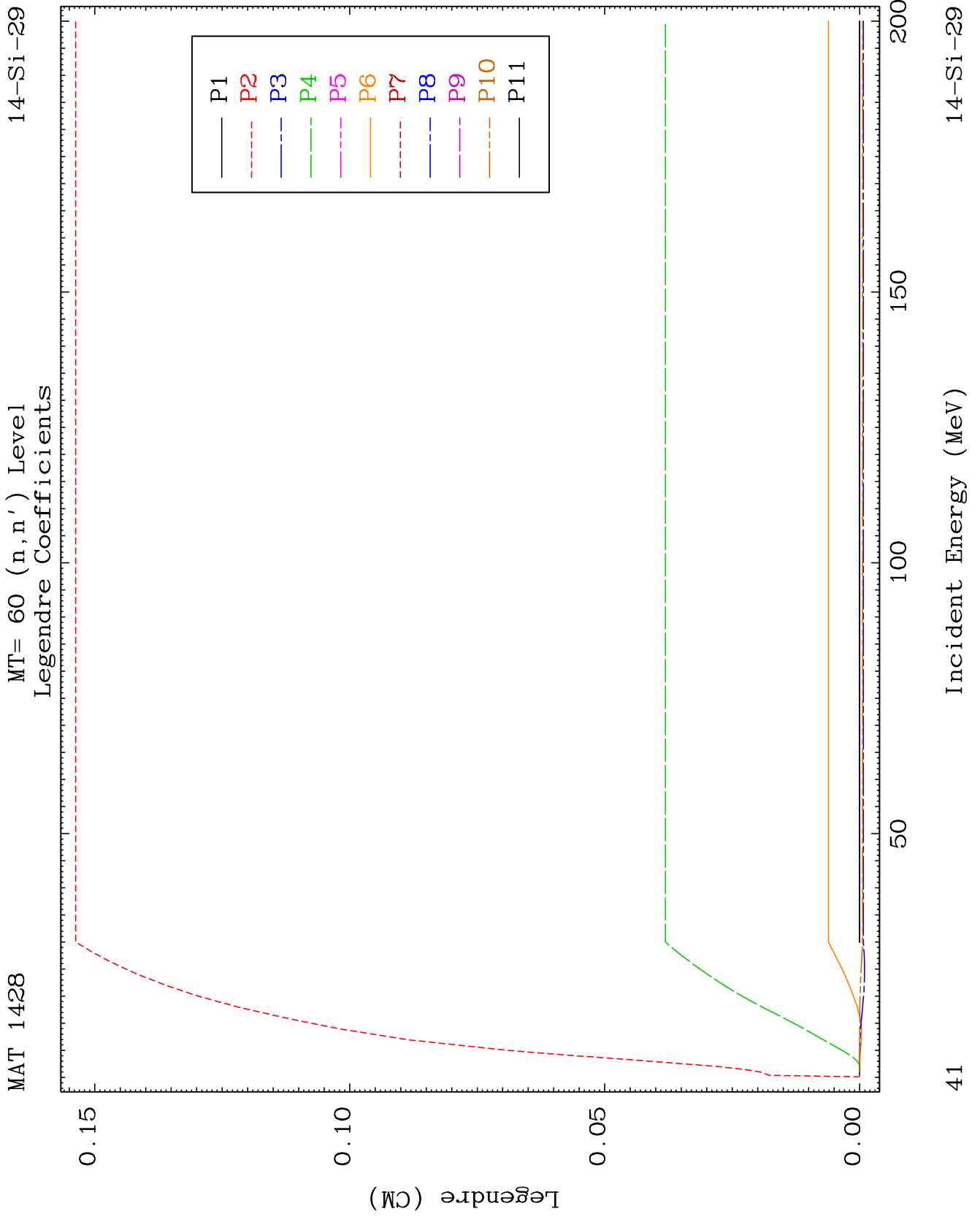


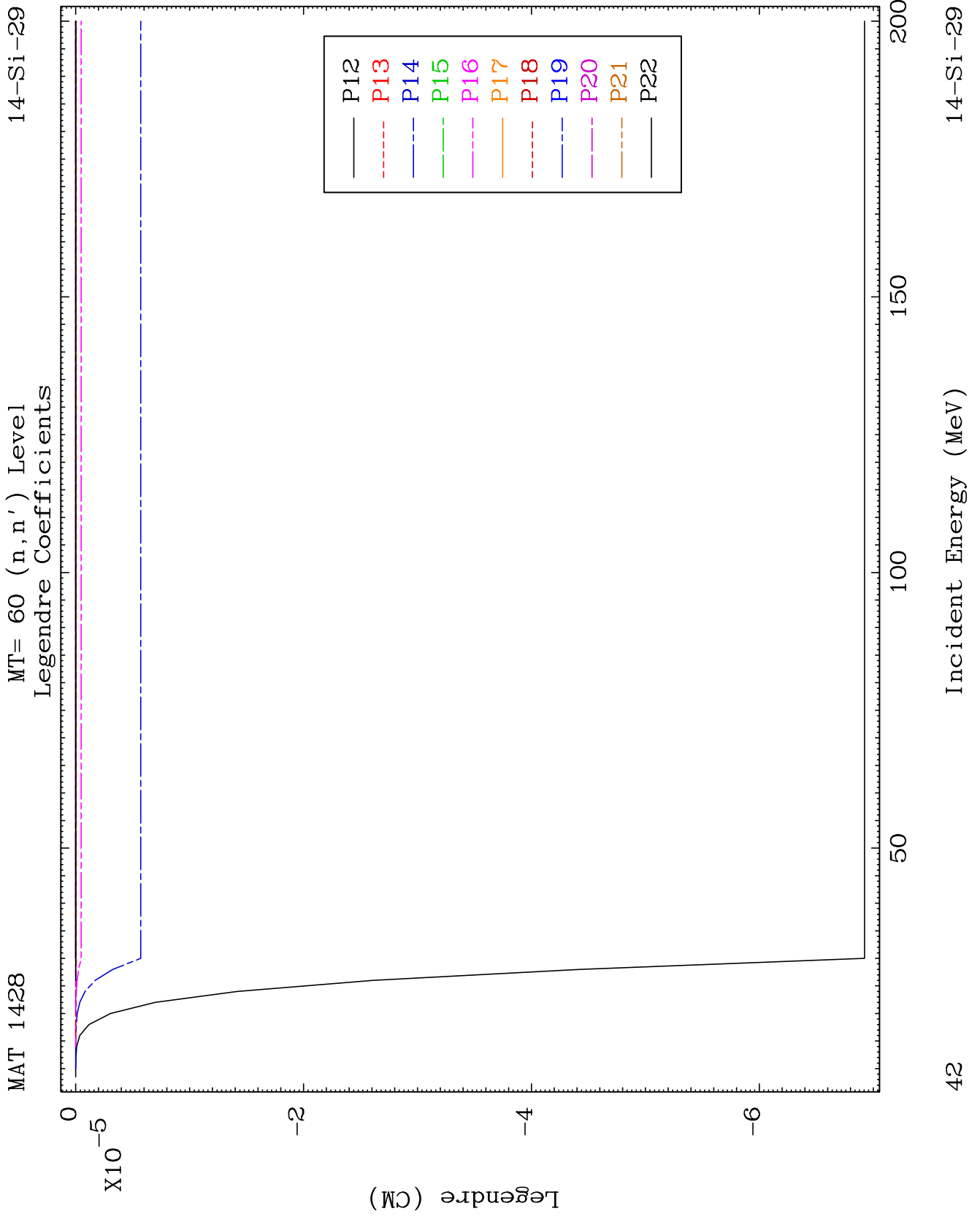
MAT 1428

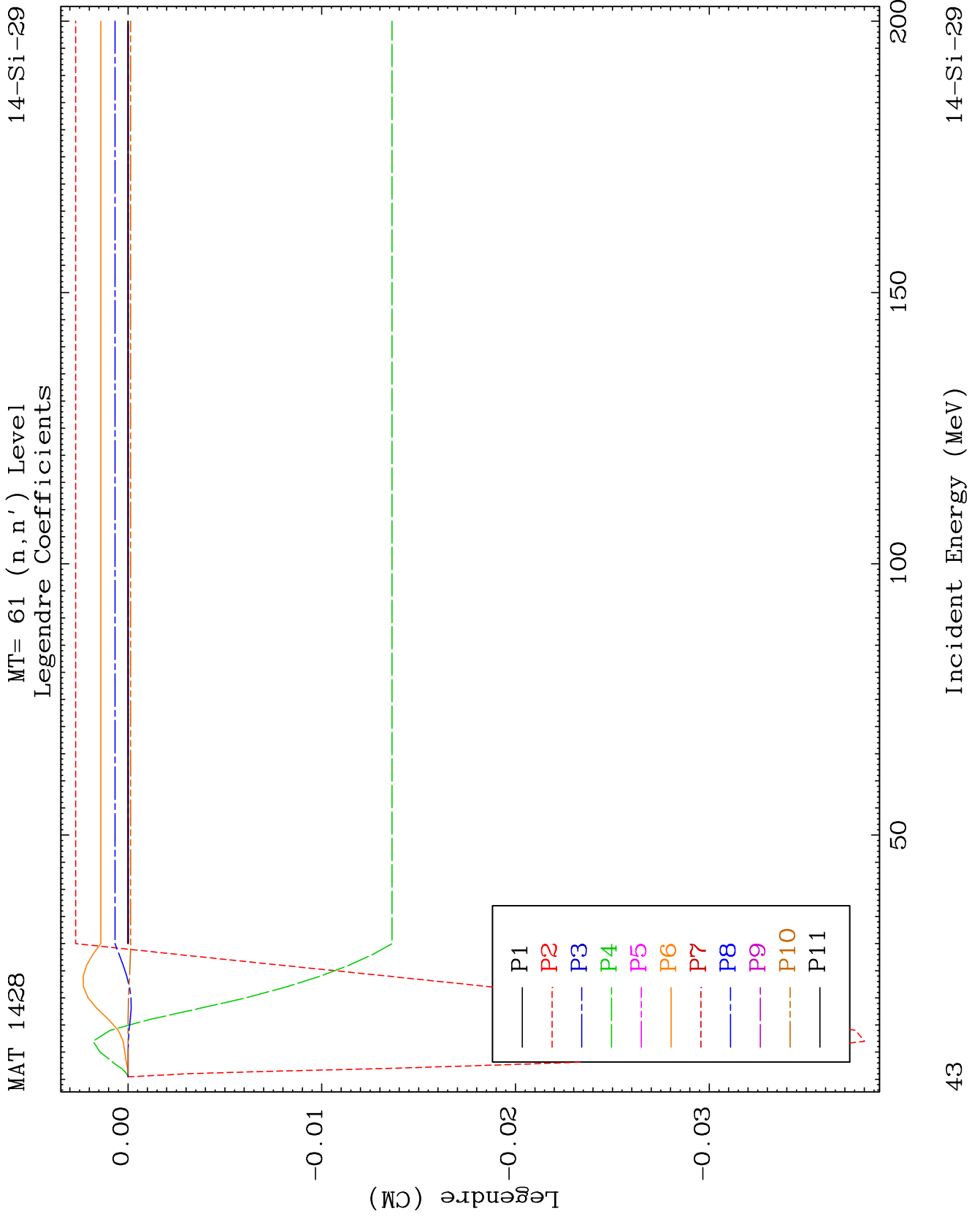
MT= 59 (n,n') Level
Legendre Coefficients

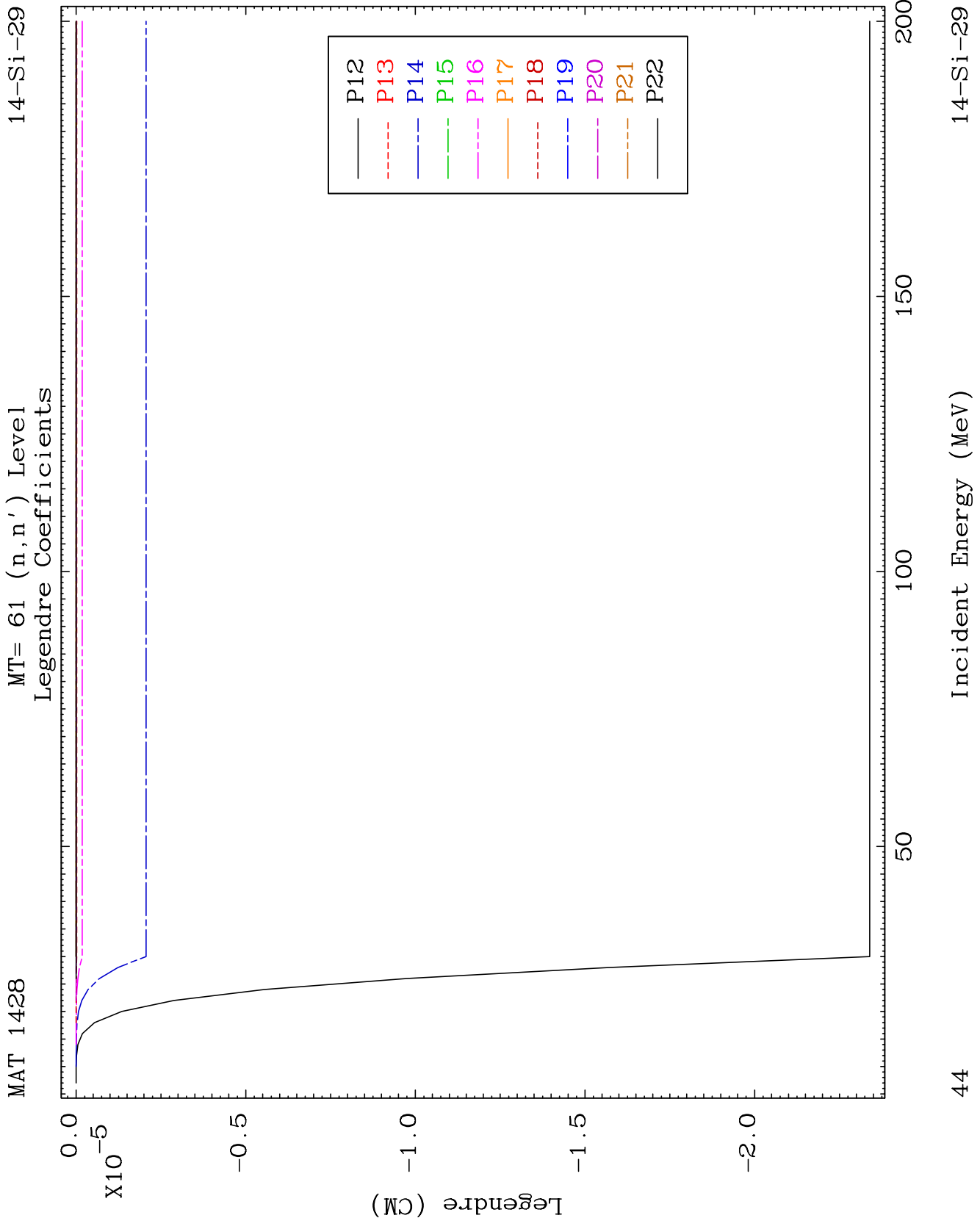
14-Si-29

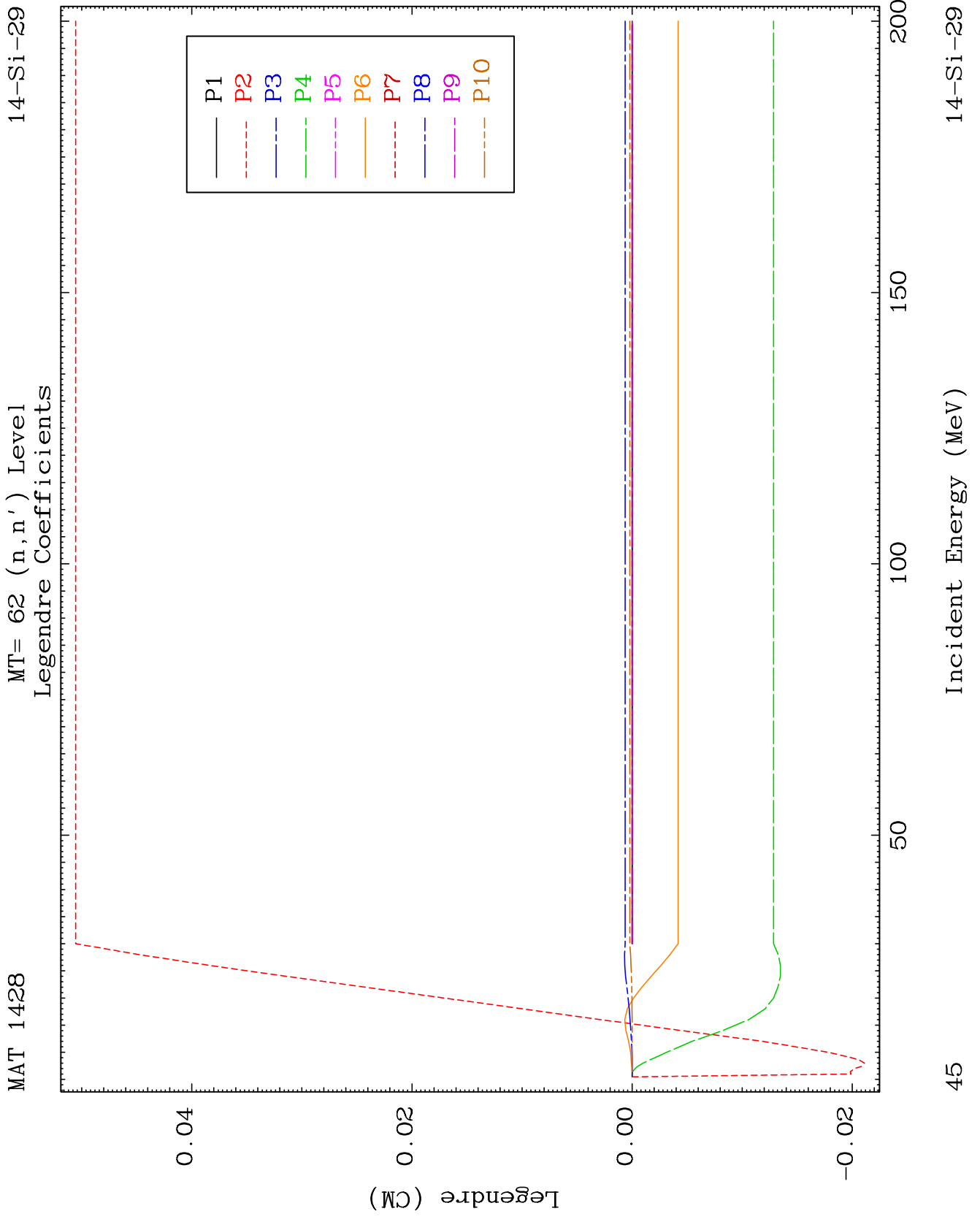


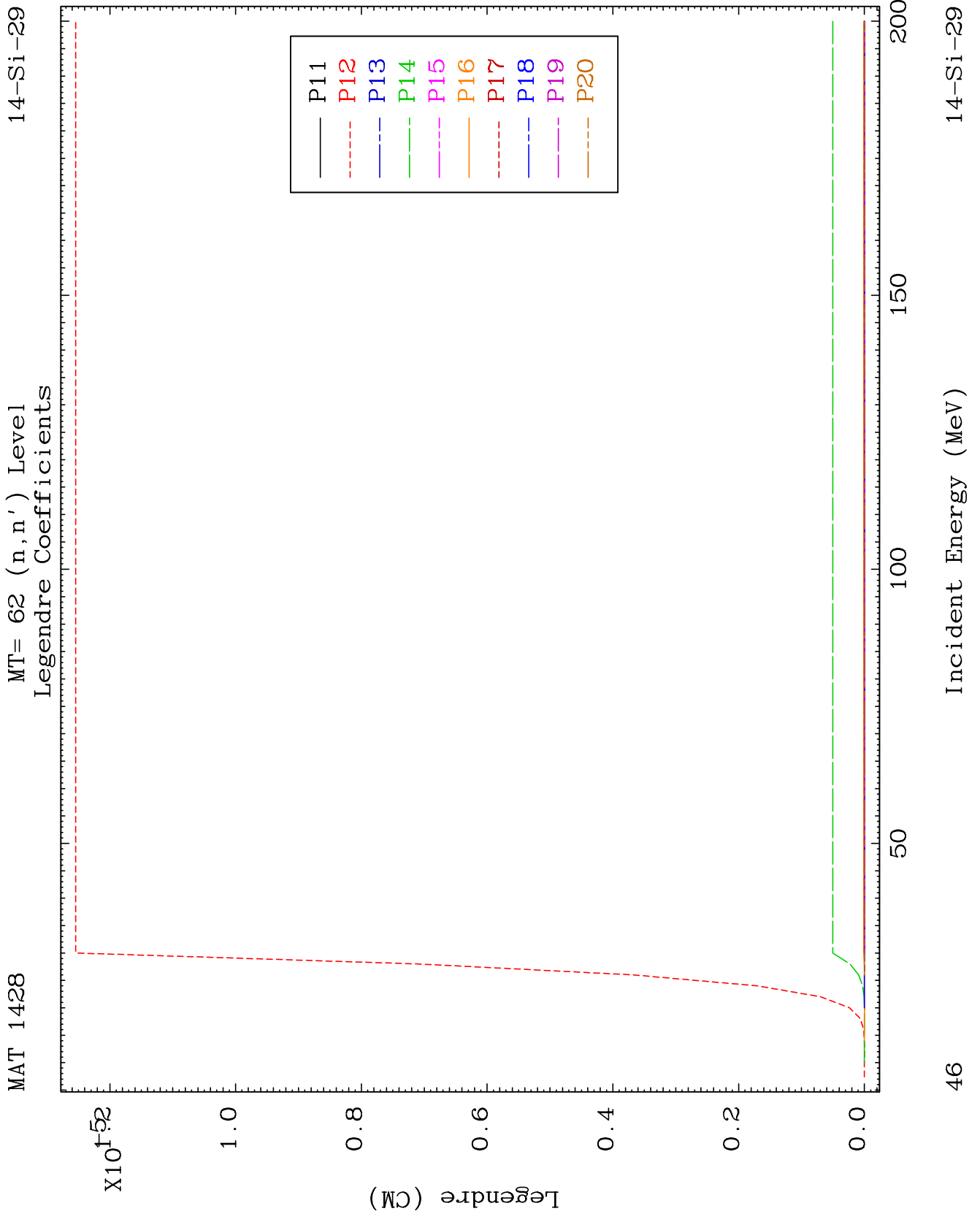








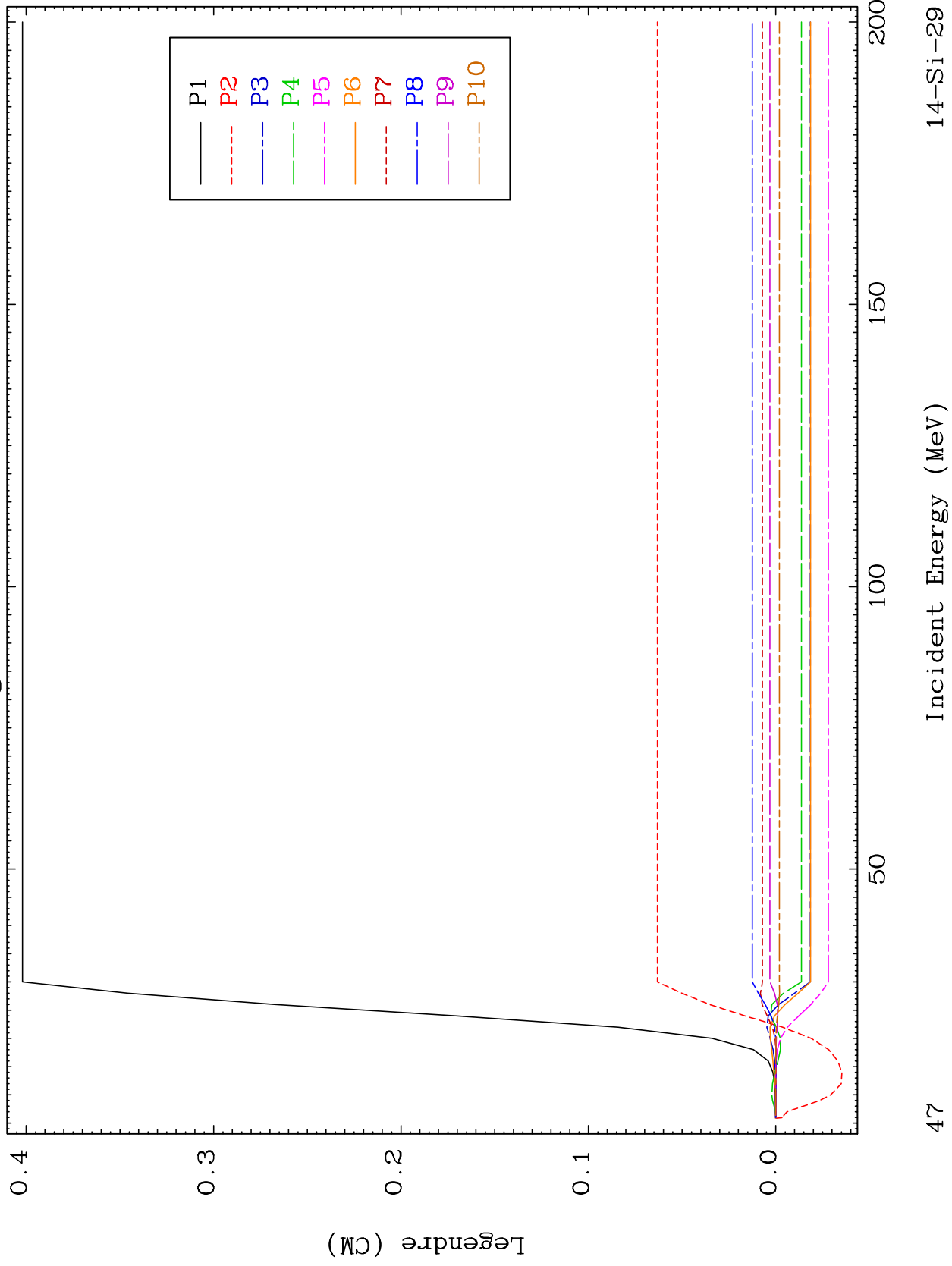


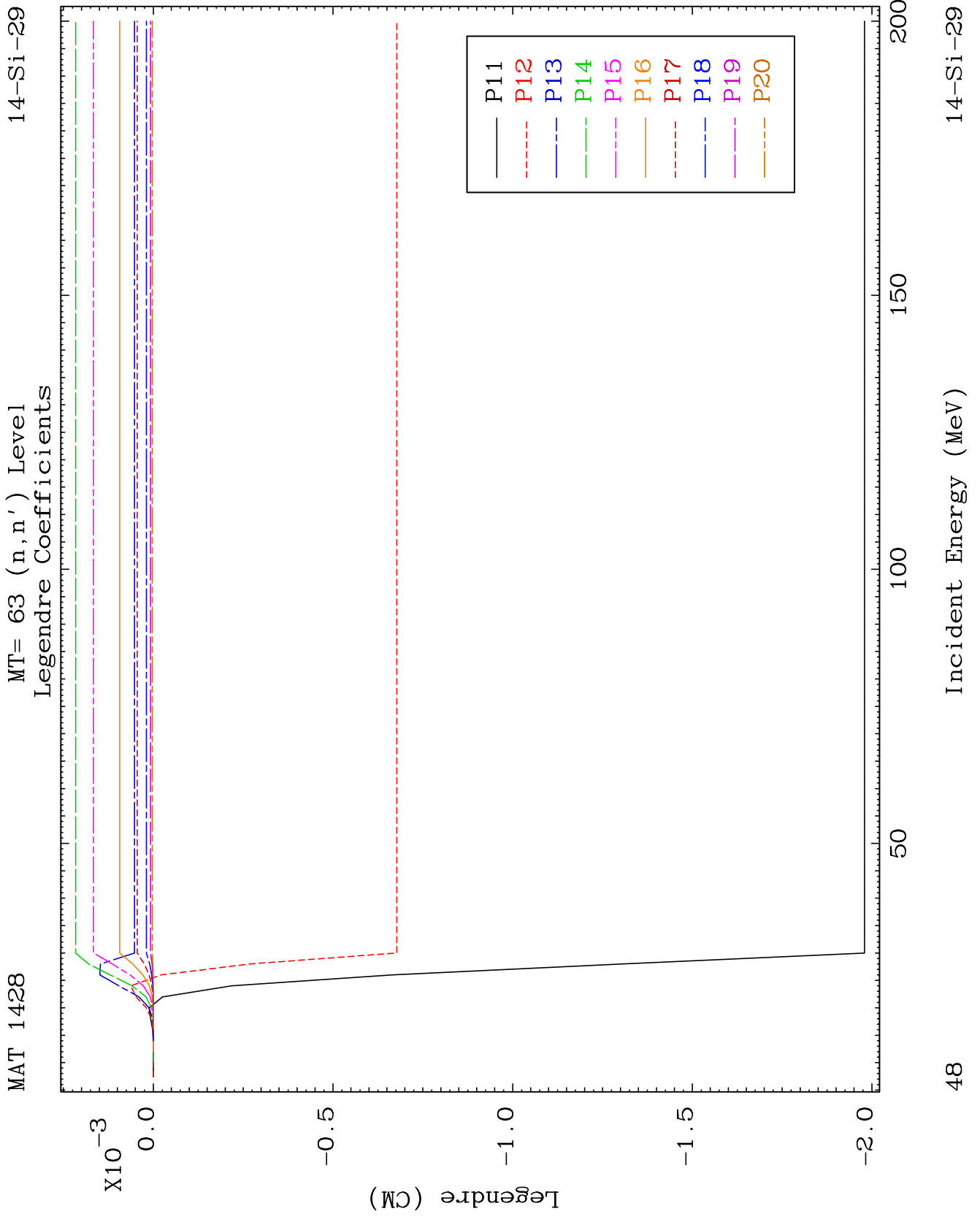


MAT 1428

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

14-Si-29

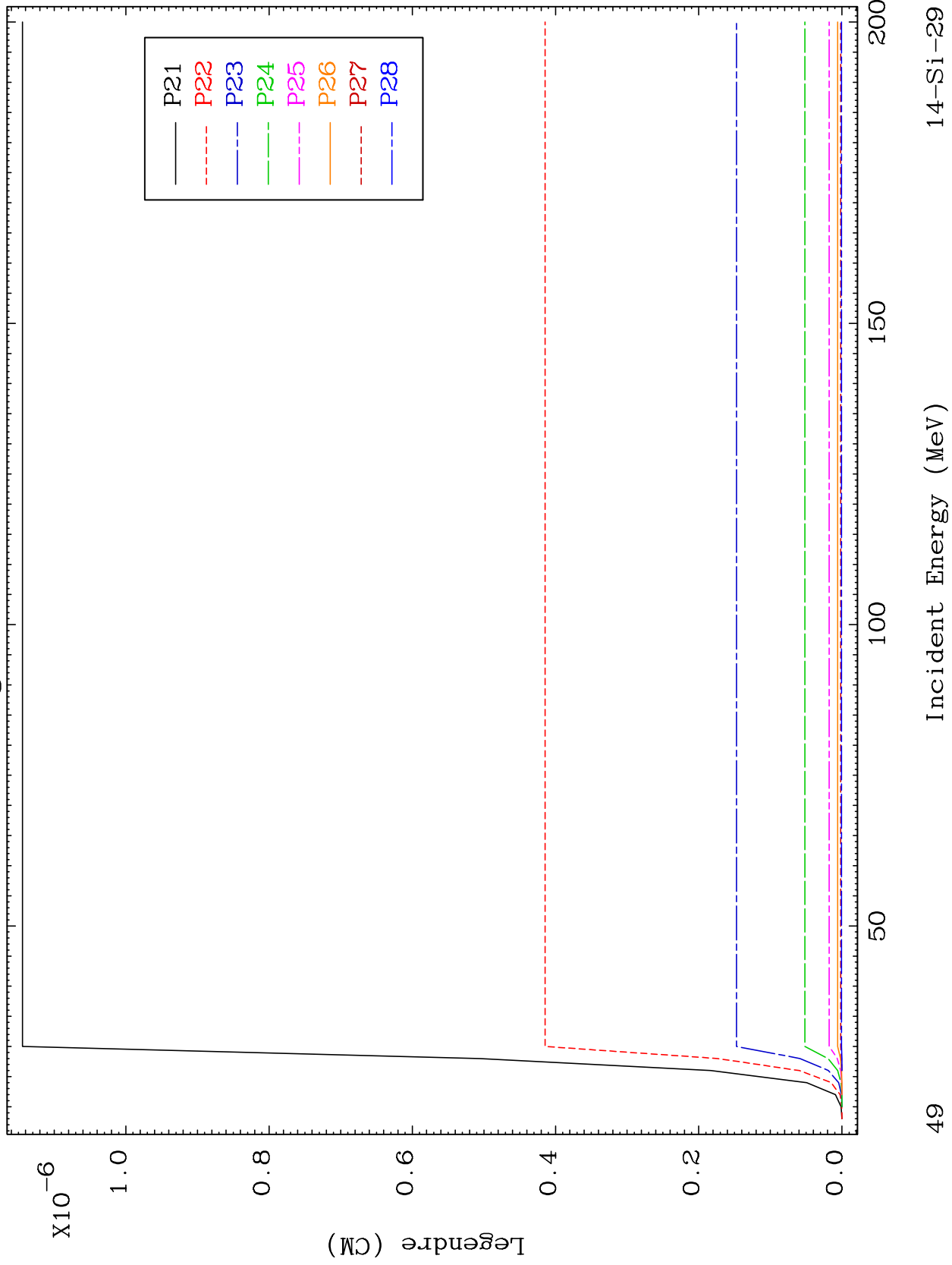




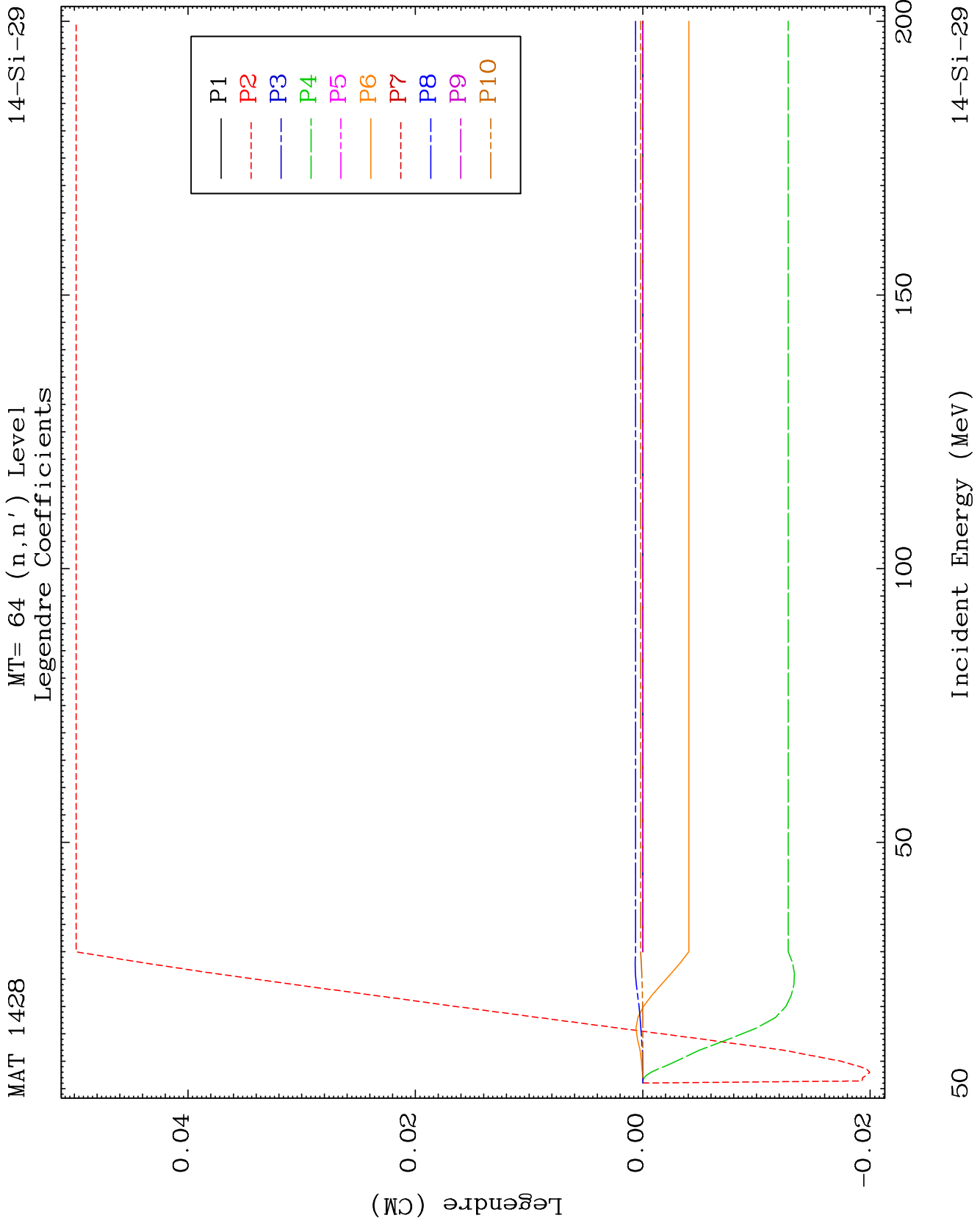
MAT 1428

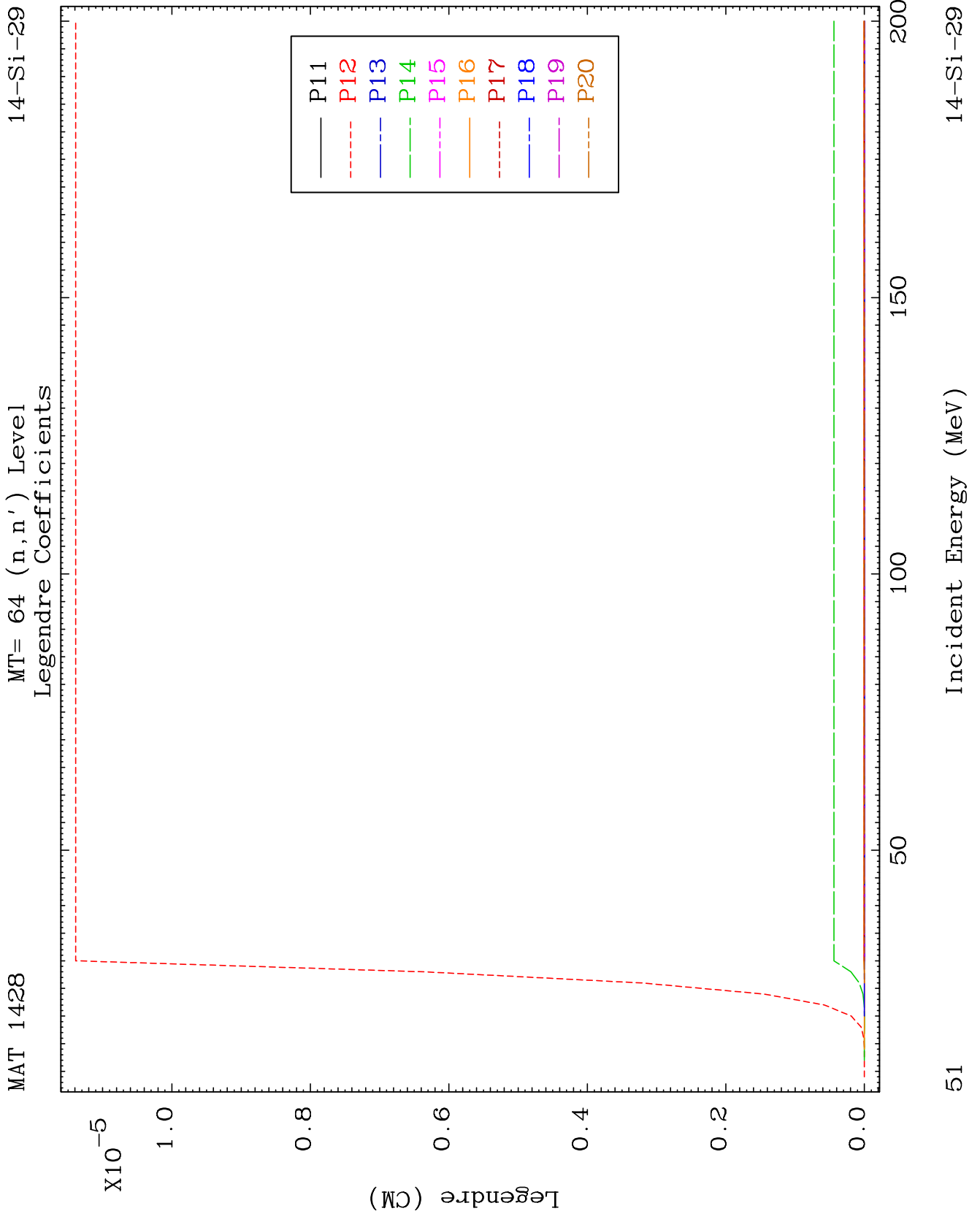
MT= 63 (n,n') Level
Legendre Coefficients

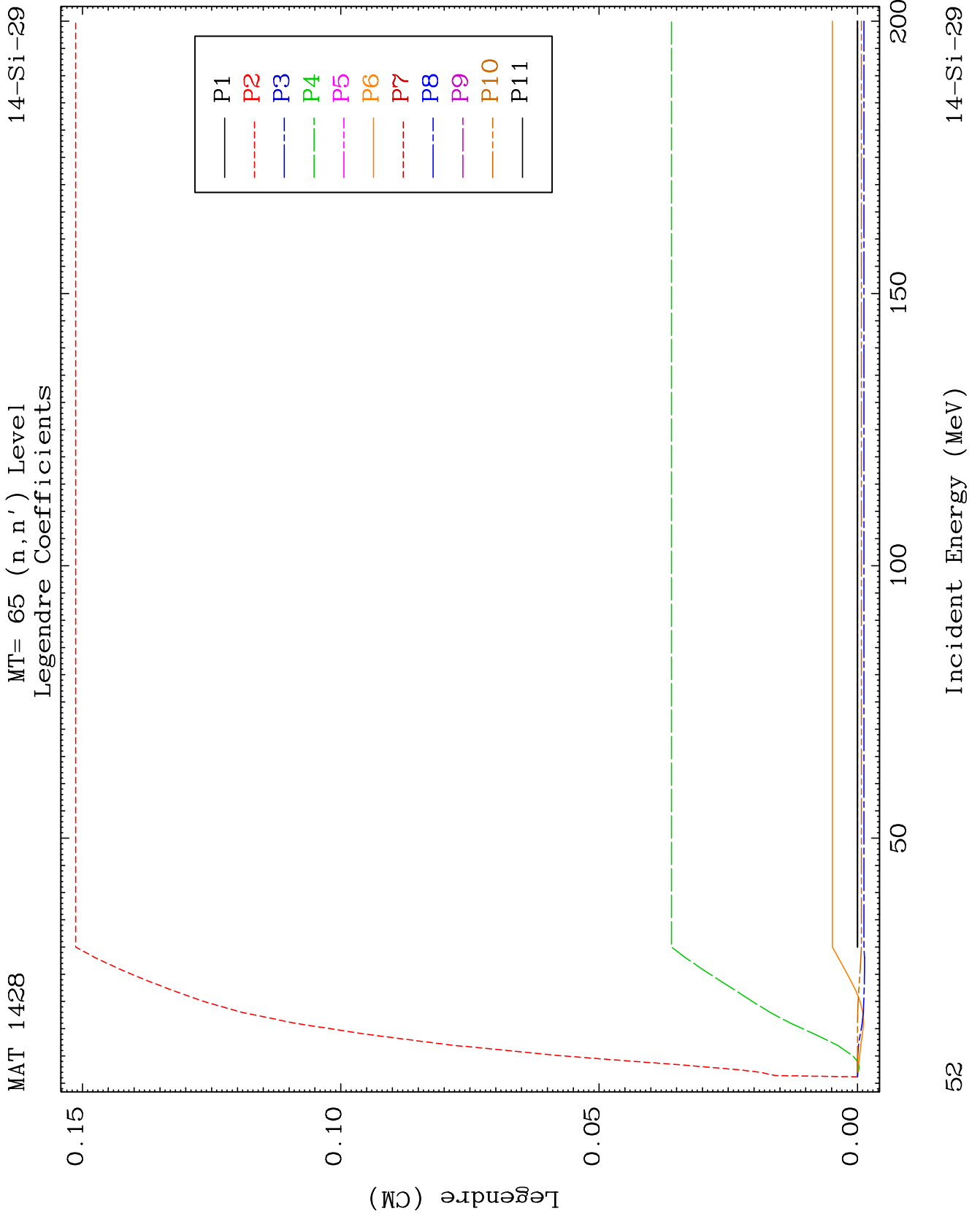
14-Si-29



49



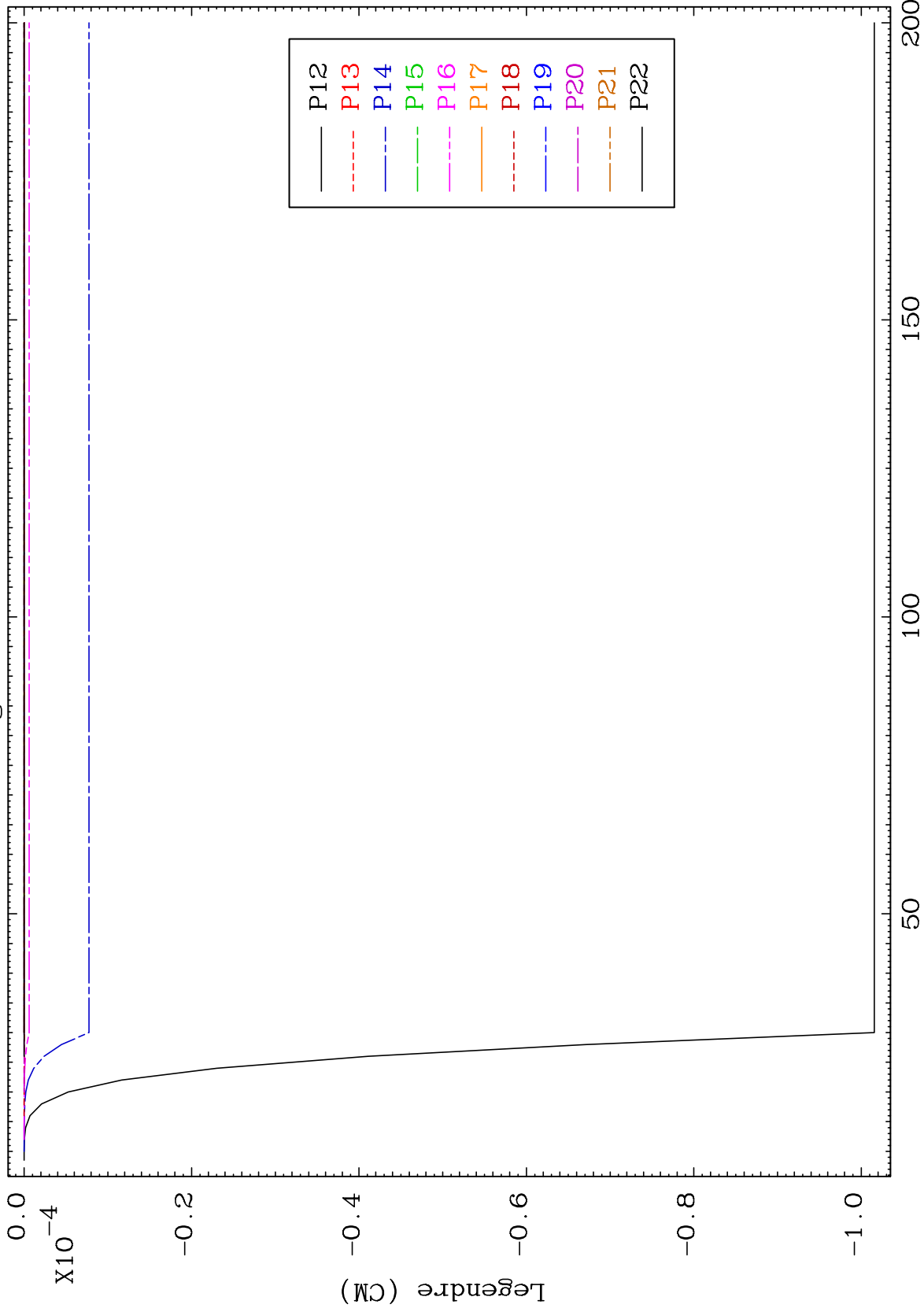


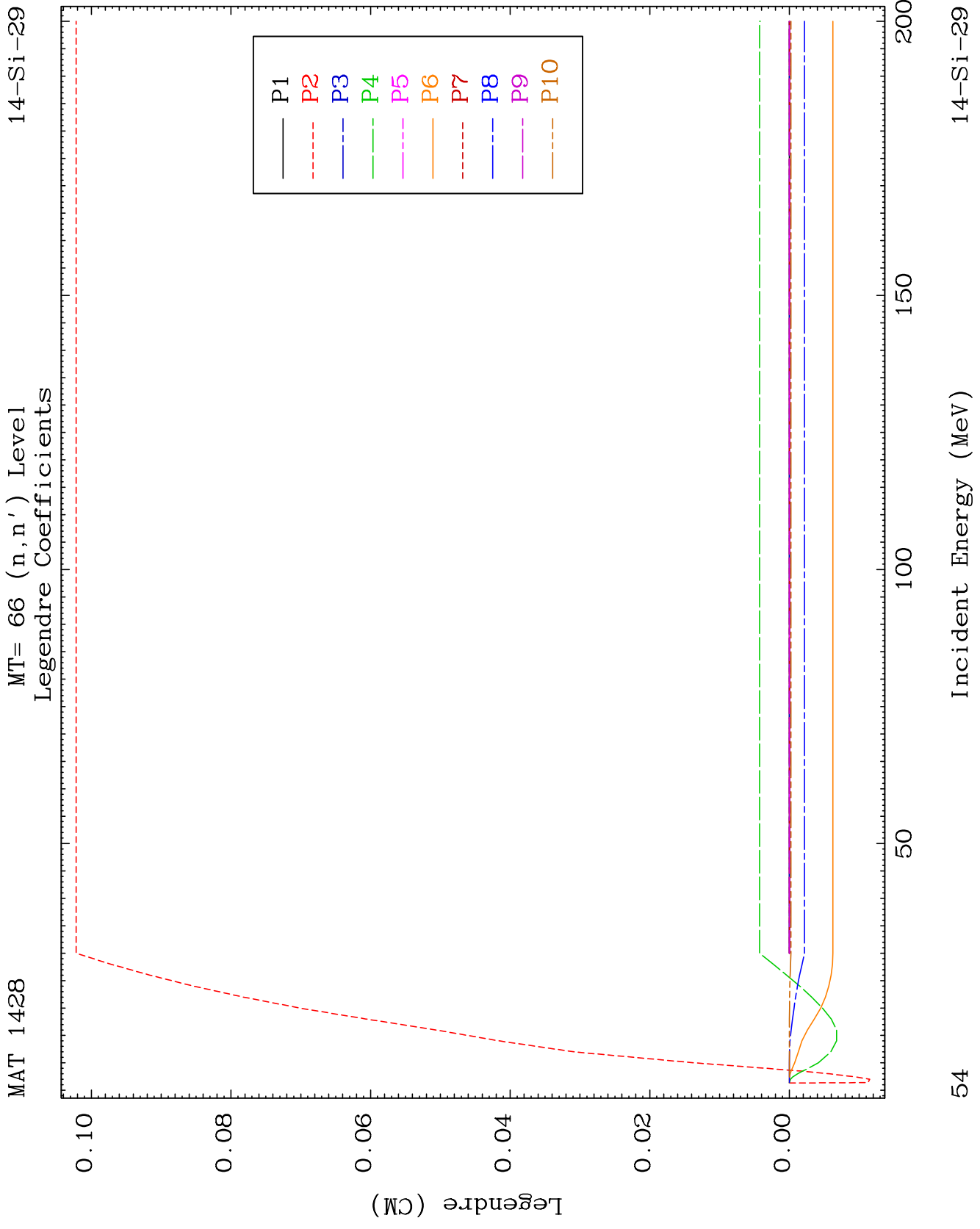


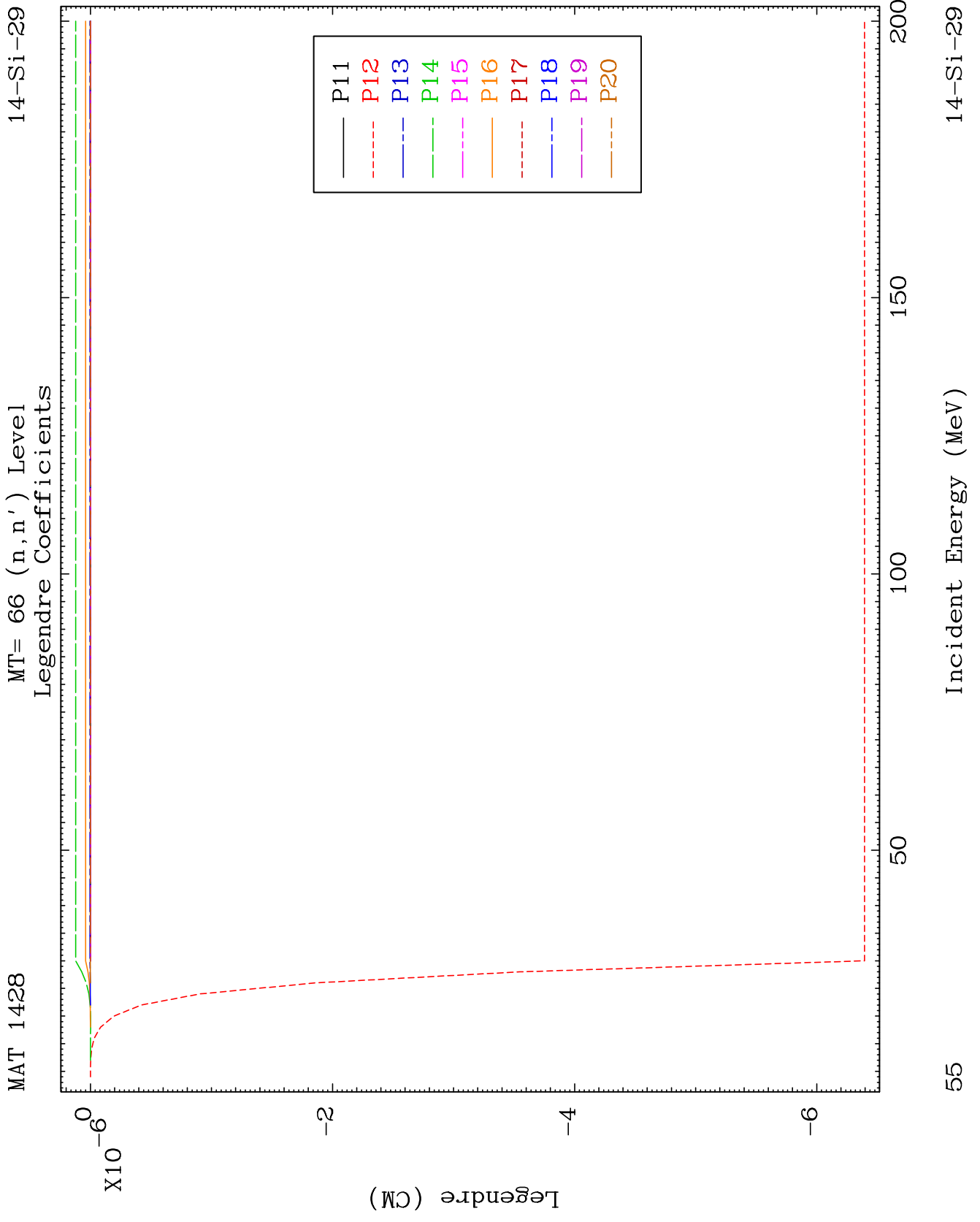
MAT 1428

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

14-Si-29



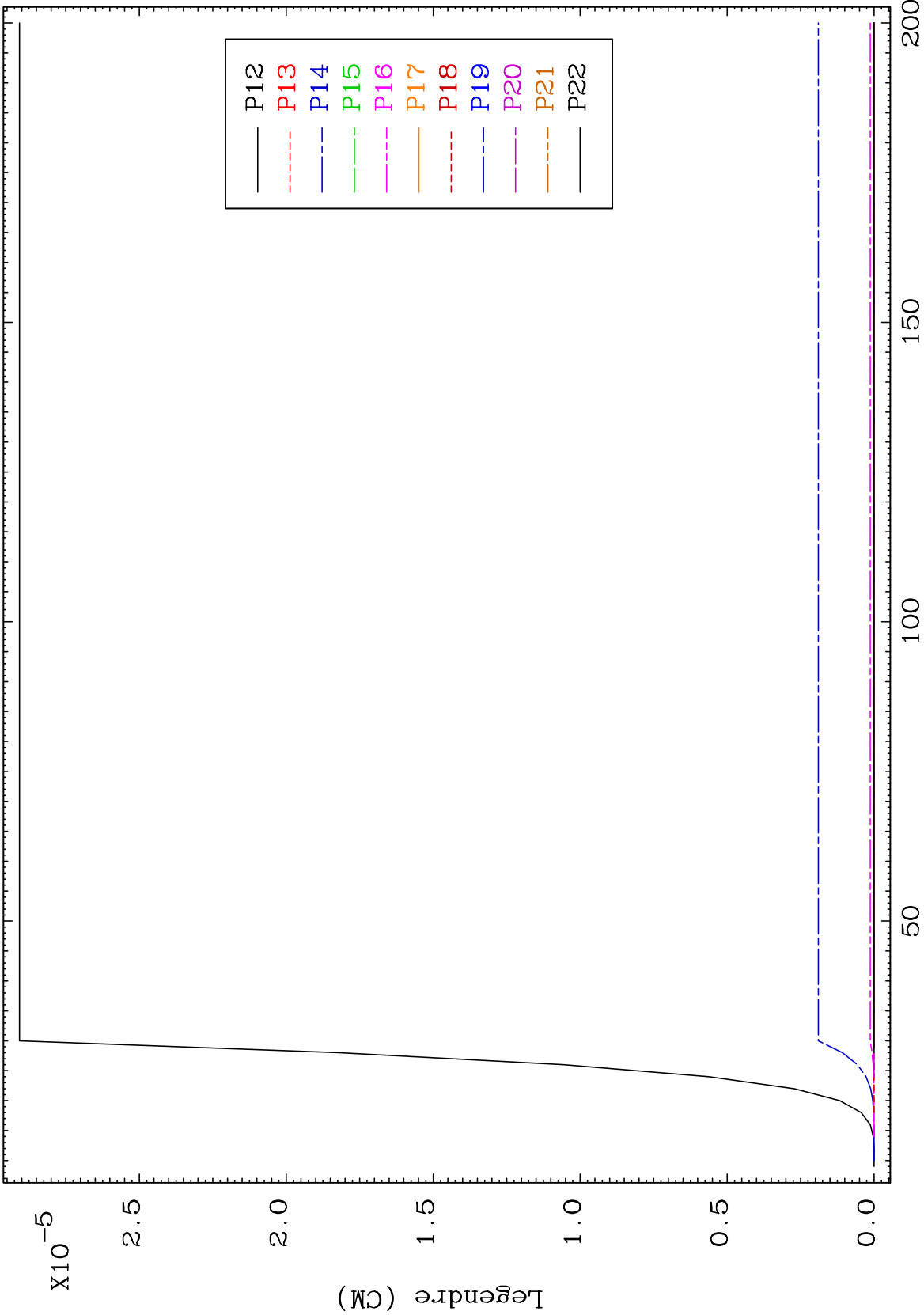




MAT 1428

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

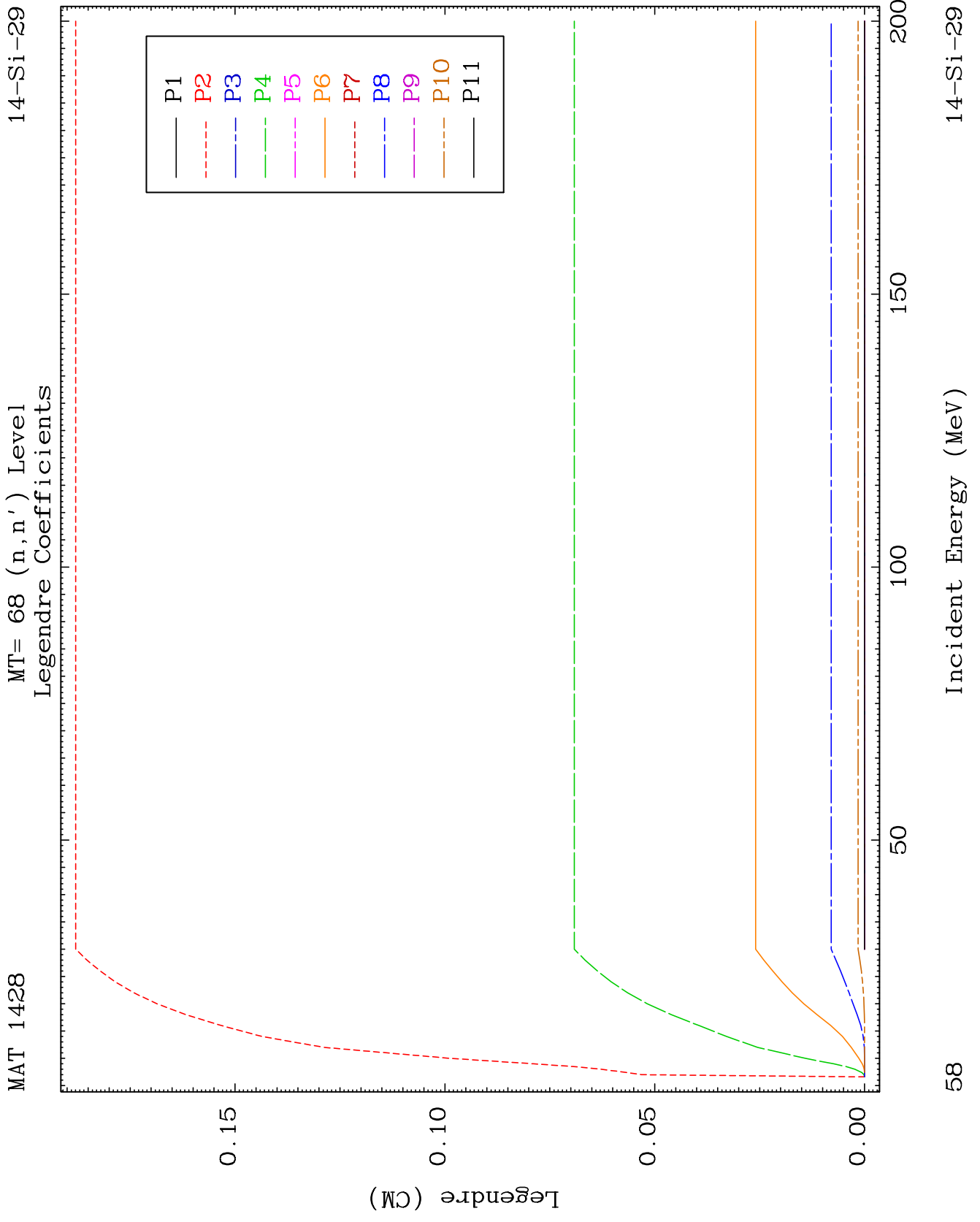
14-Si-29



57

Incident Energy (MeV)

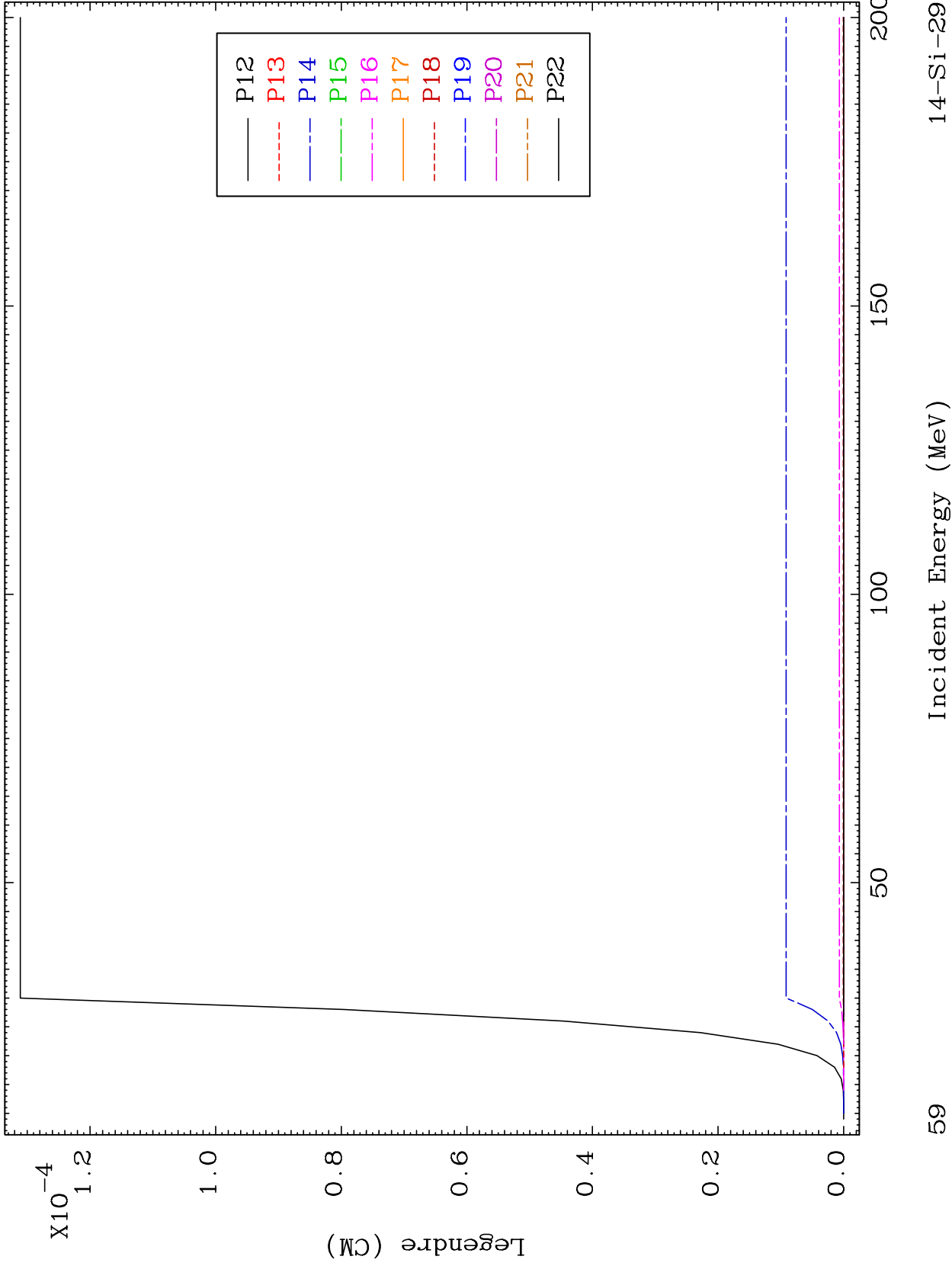
14-Si-29



MAT 1428

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

14-Si-29



59

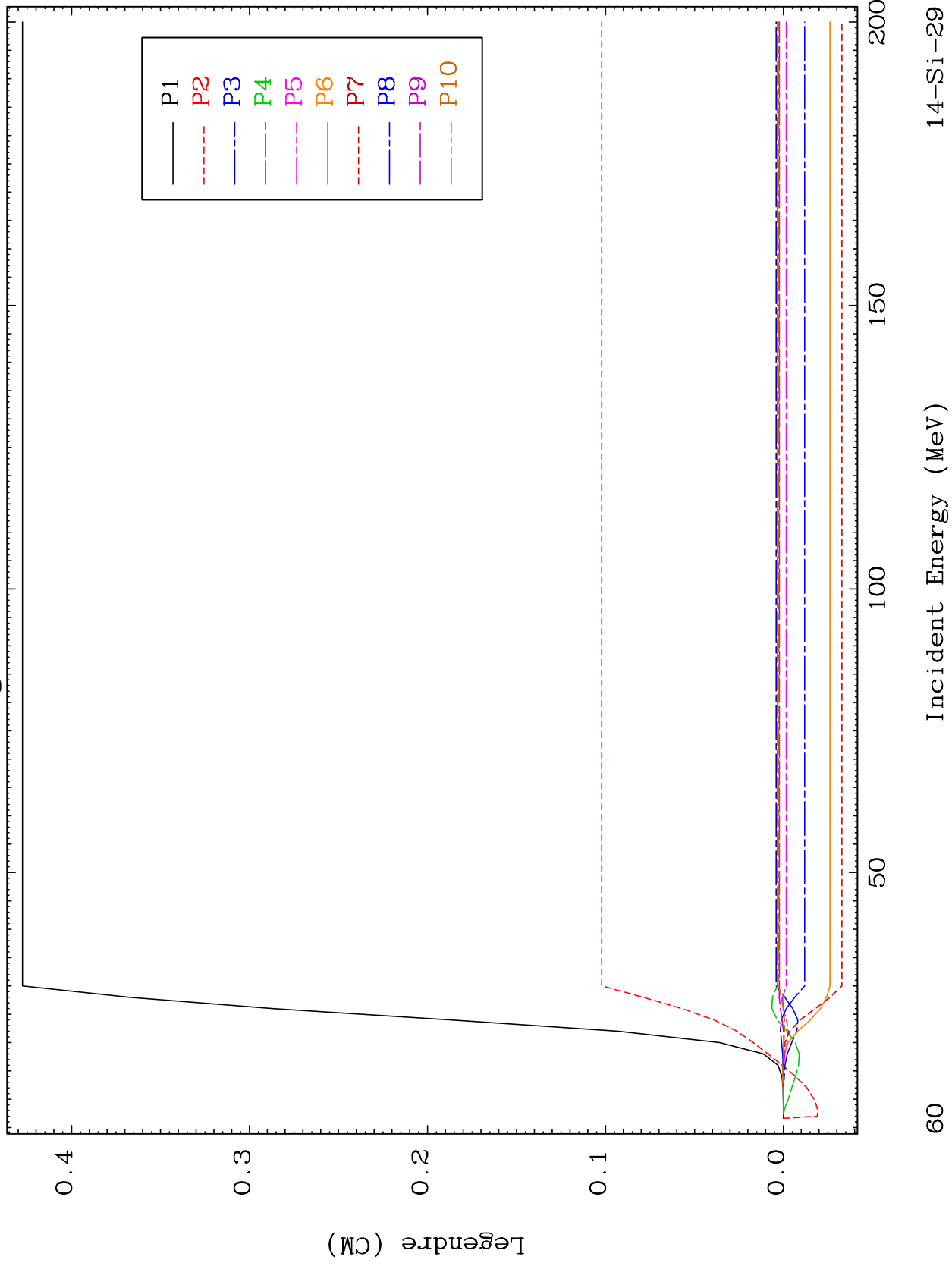
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



14-Si-29

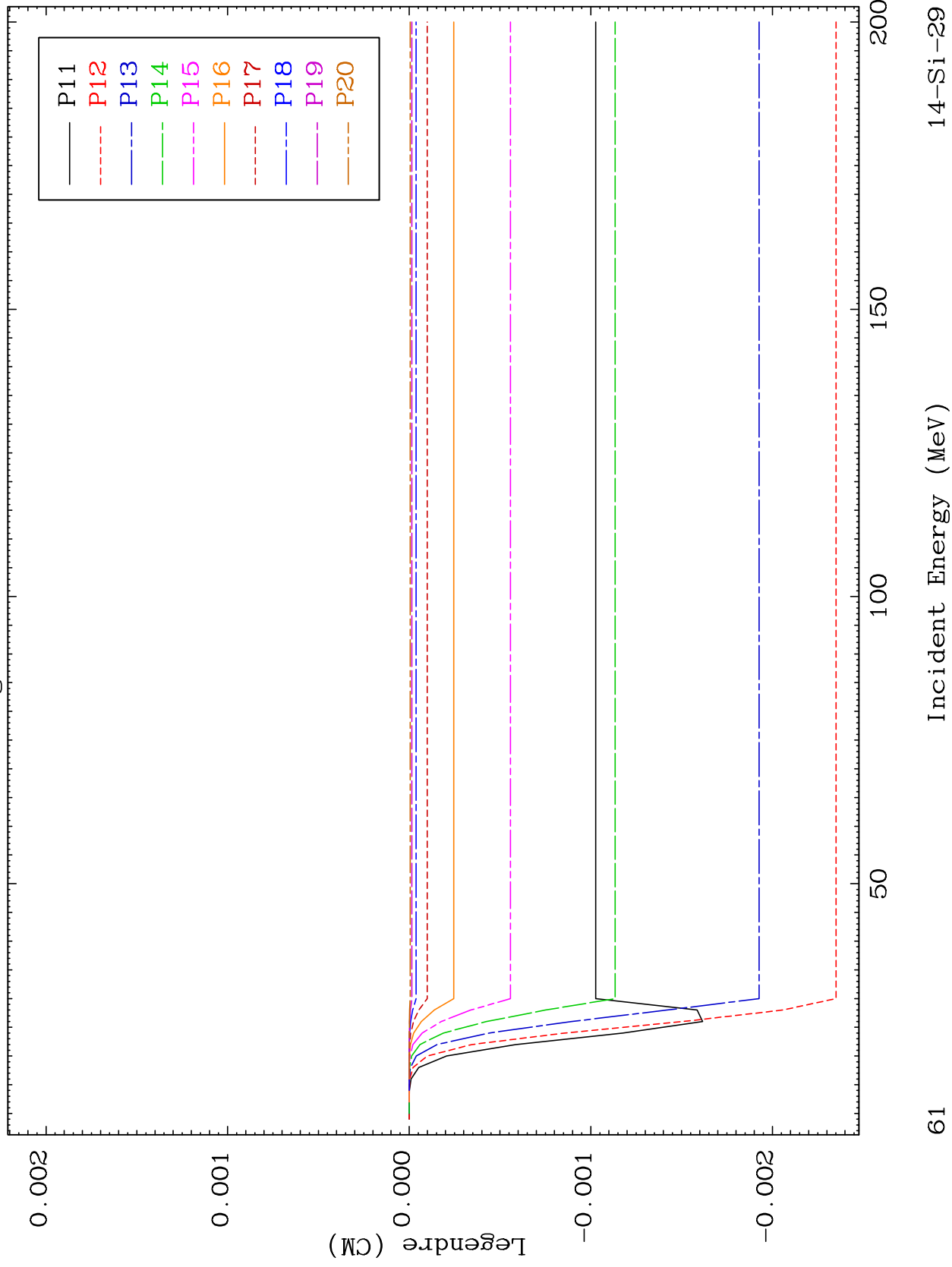
Incident Energy (MeV)

60

MAT 1428

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

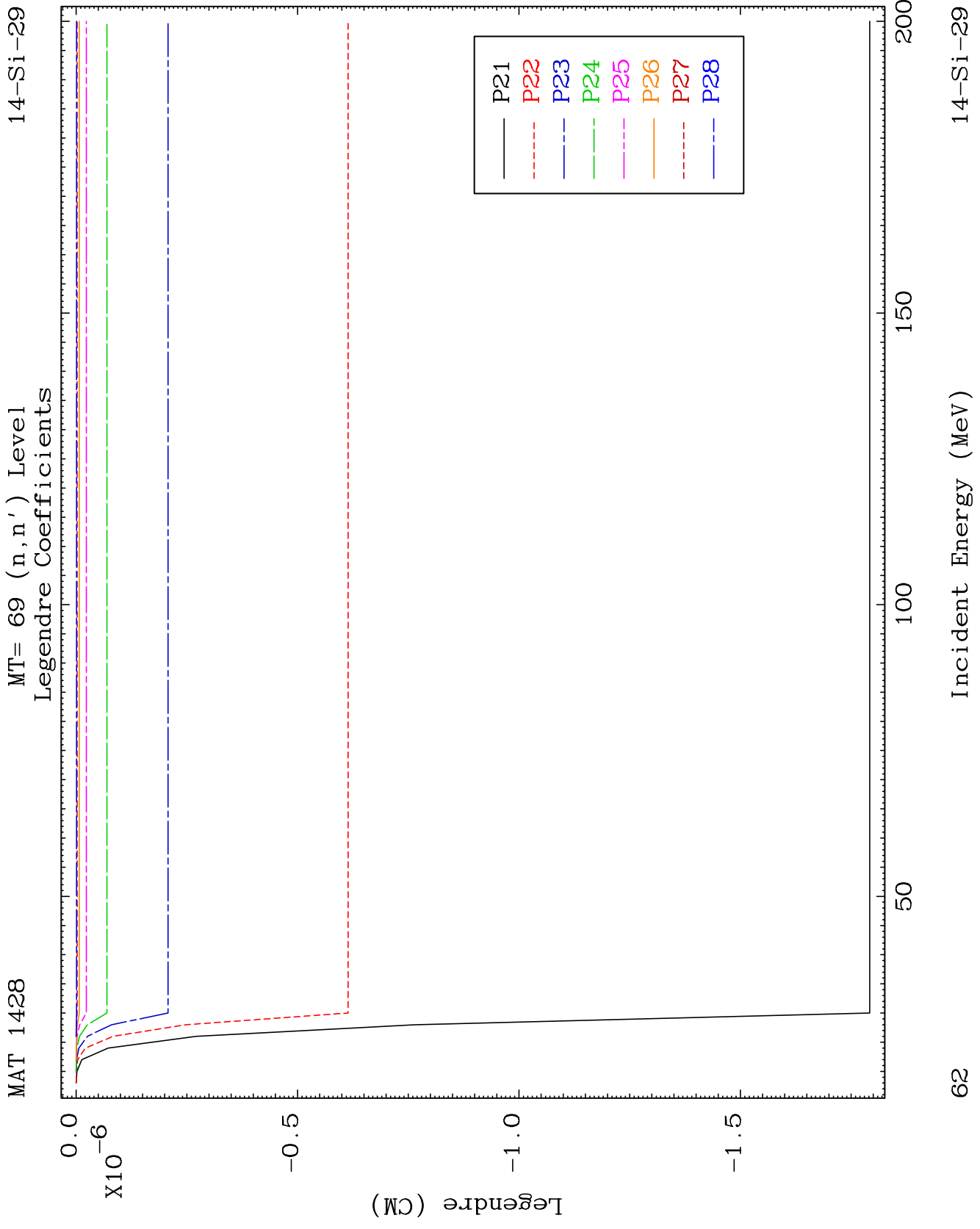
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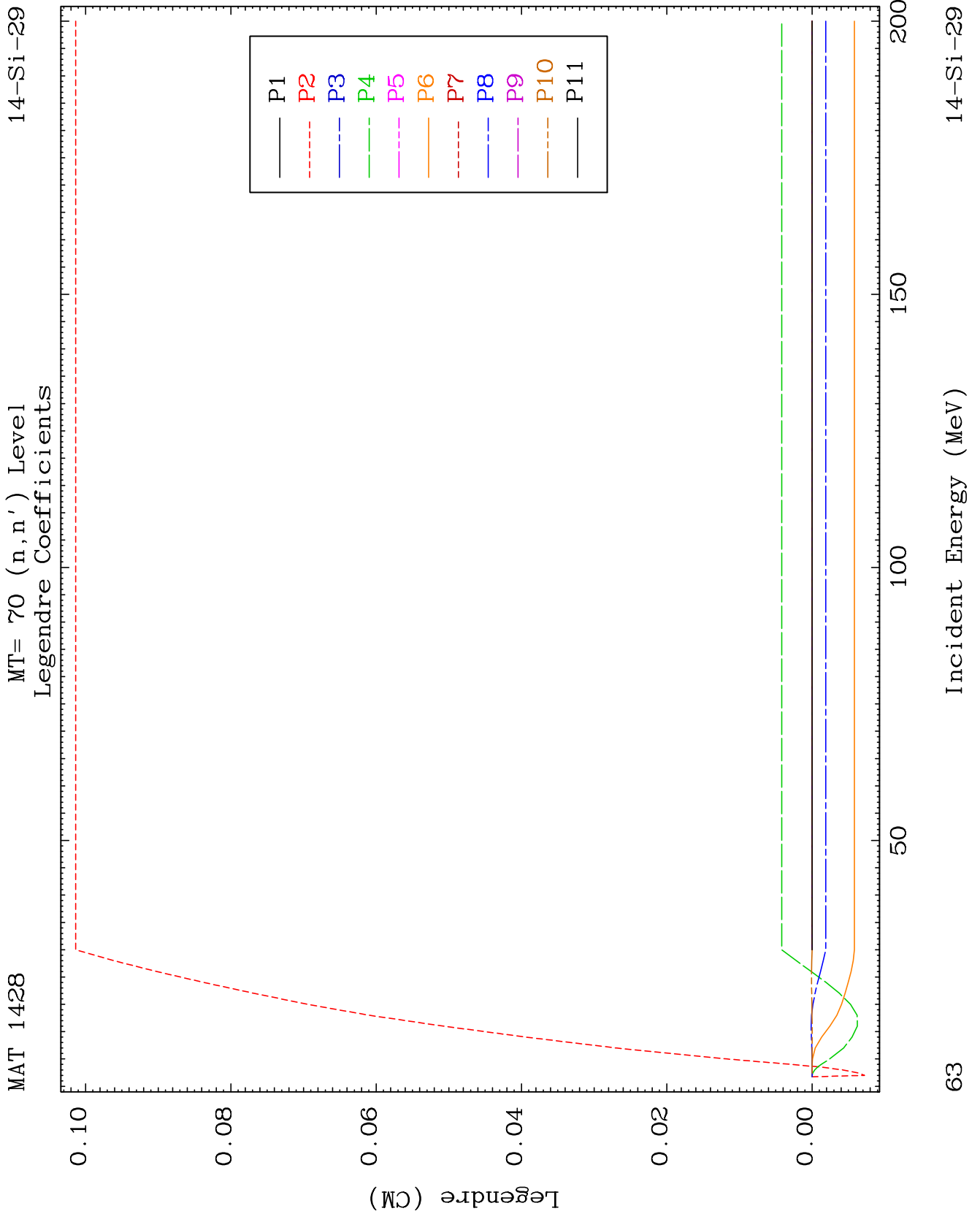


61

Incident Energy (MeV)

14-Si-29

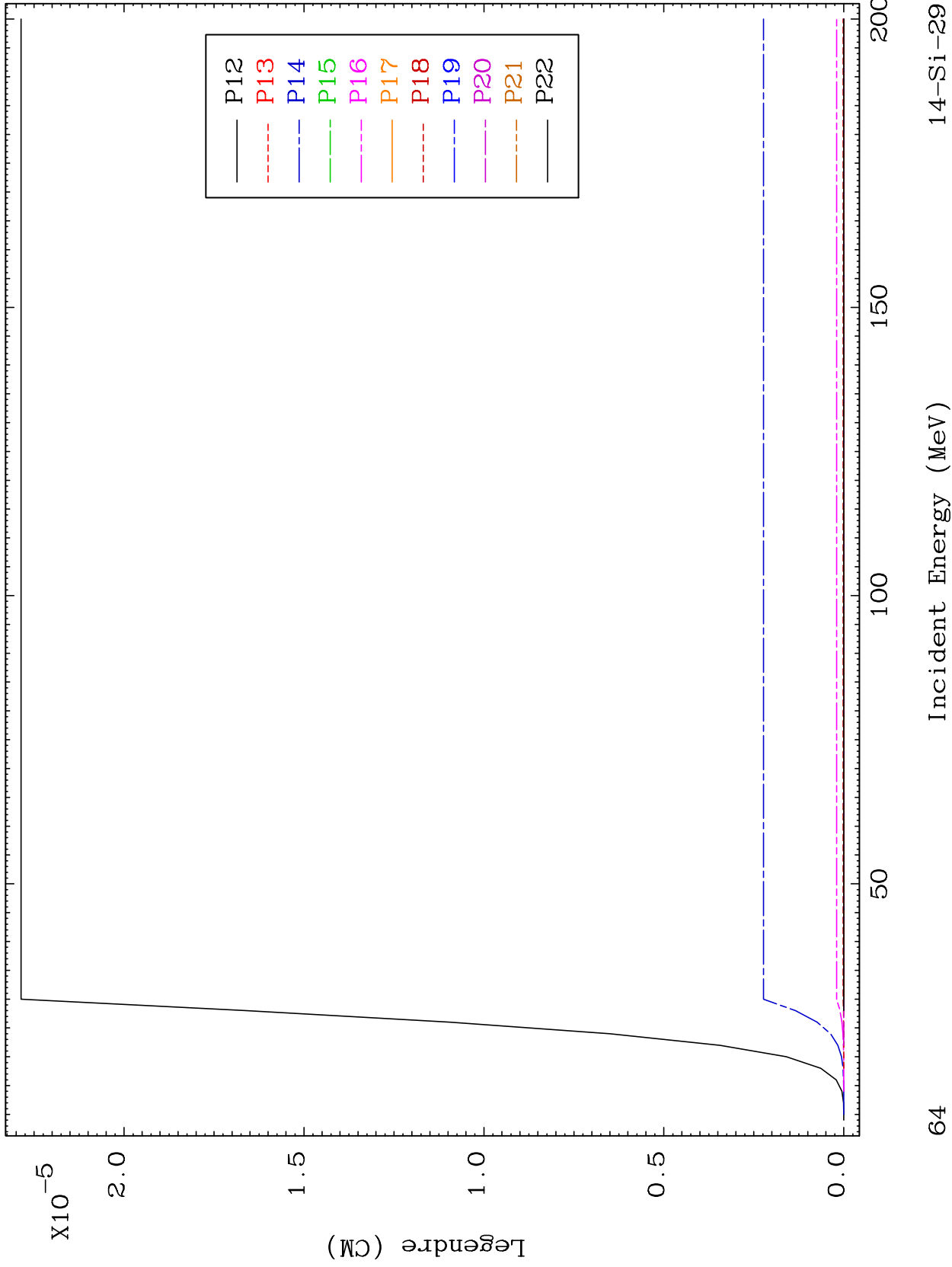




MAT 1428

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

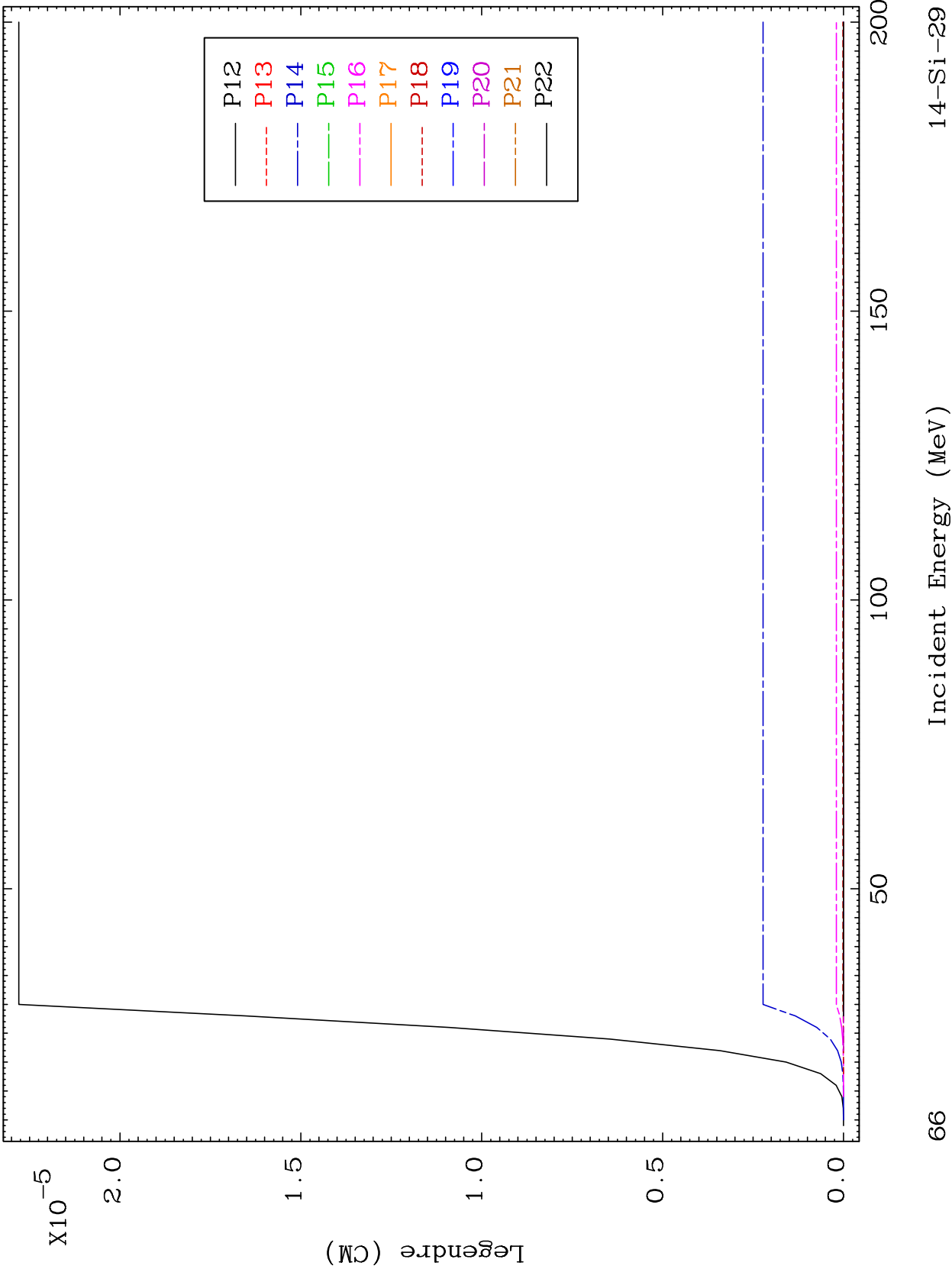
14-Si-29



MAT 1428

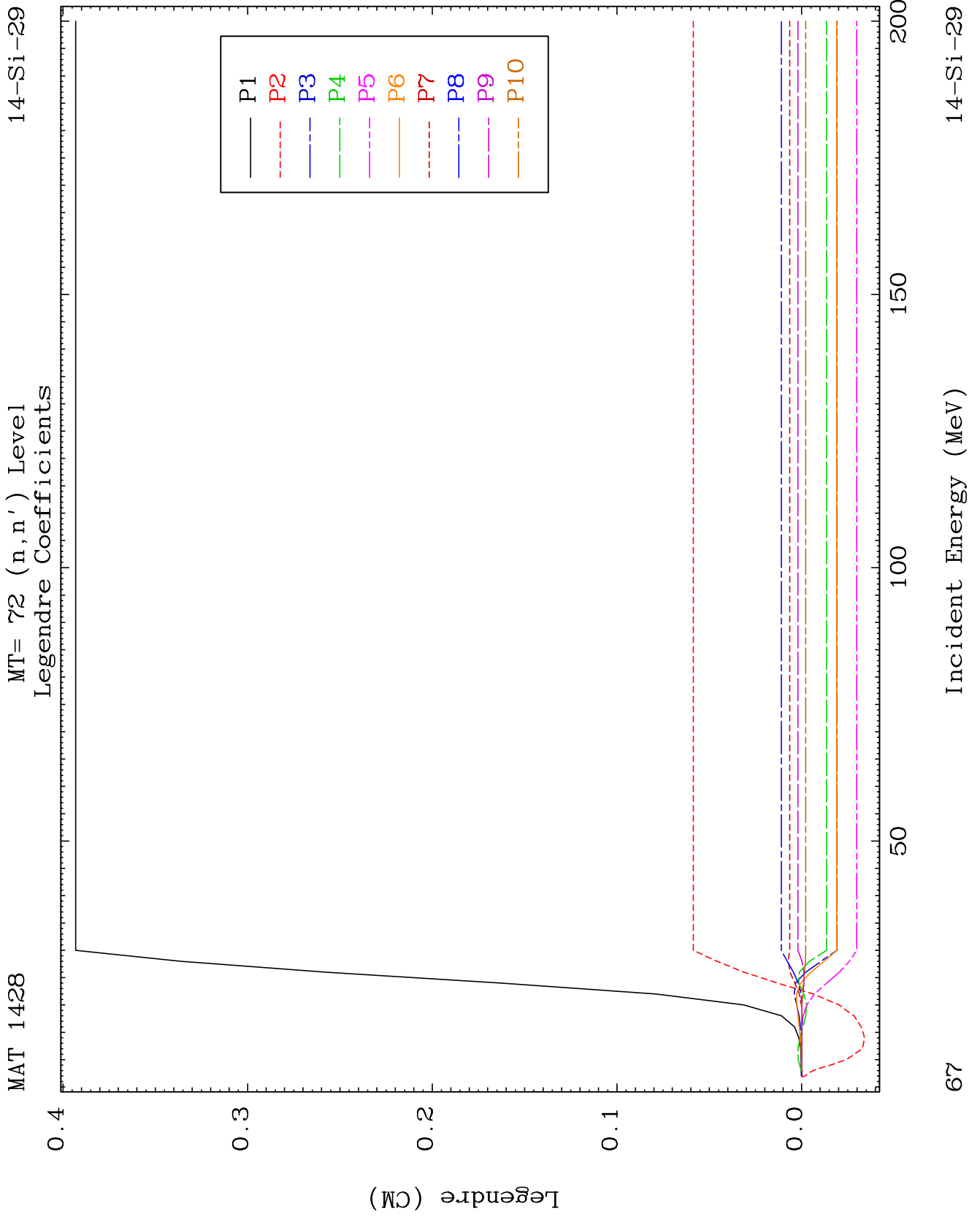
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Legendre Coefficients

14-Si-29



66

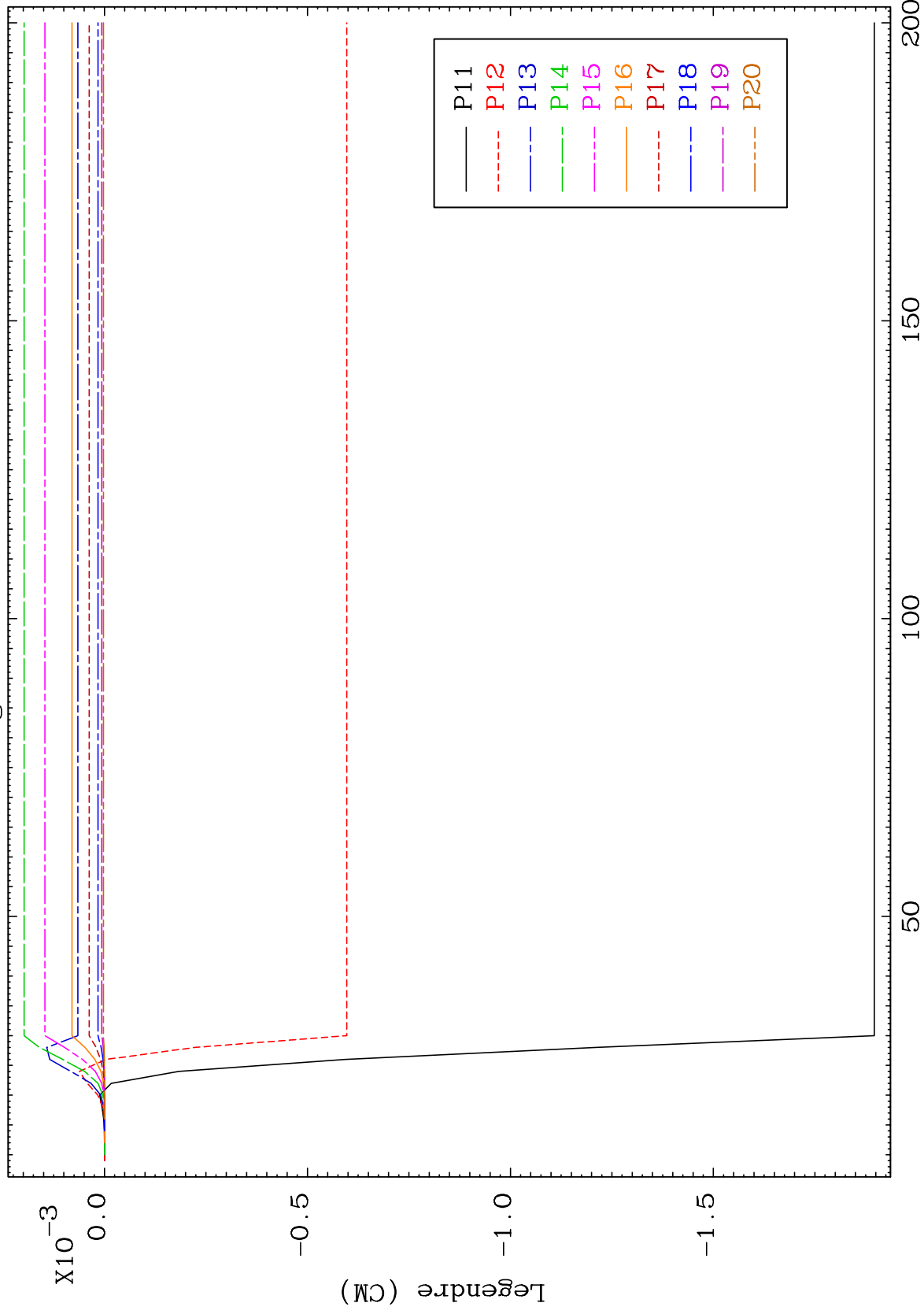
14-Si-29



MAT 1428

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

14-Si-29



68

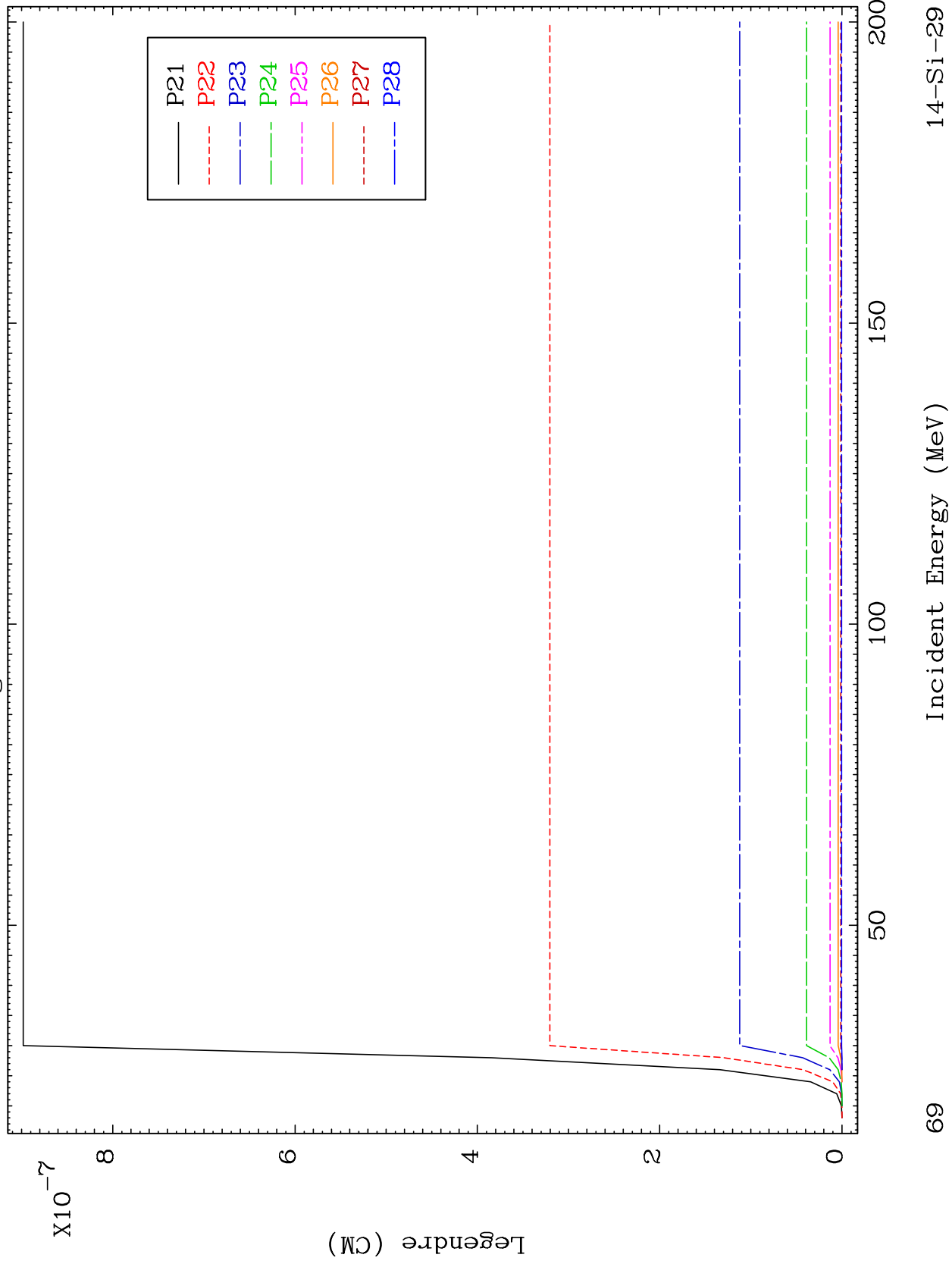
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



69

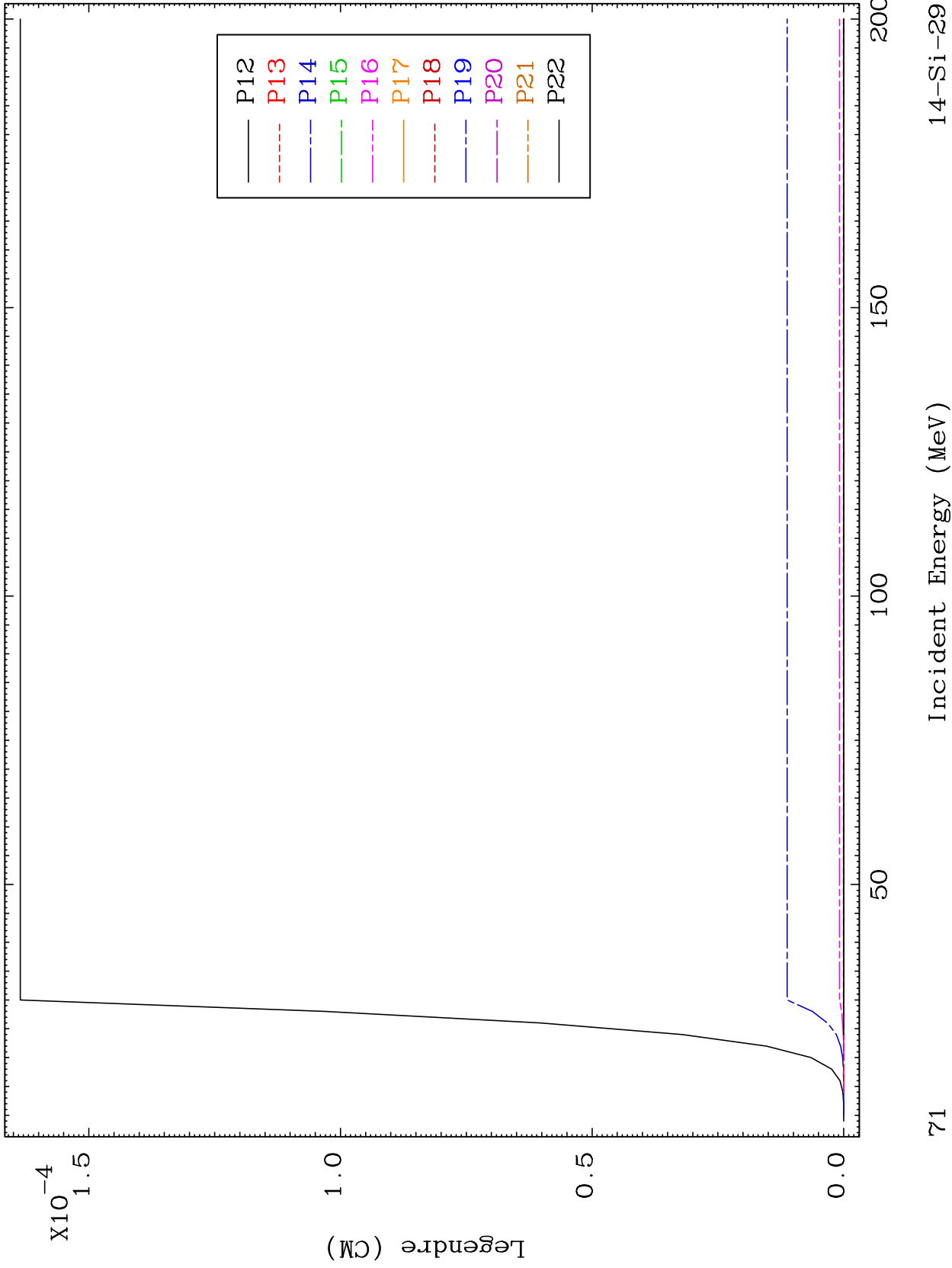
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



71

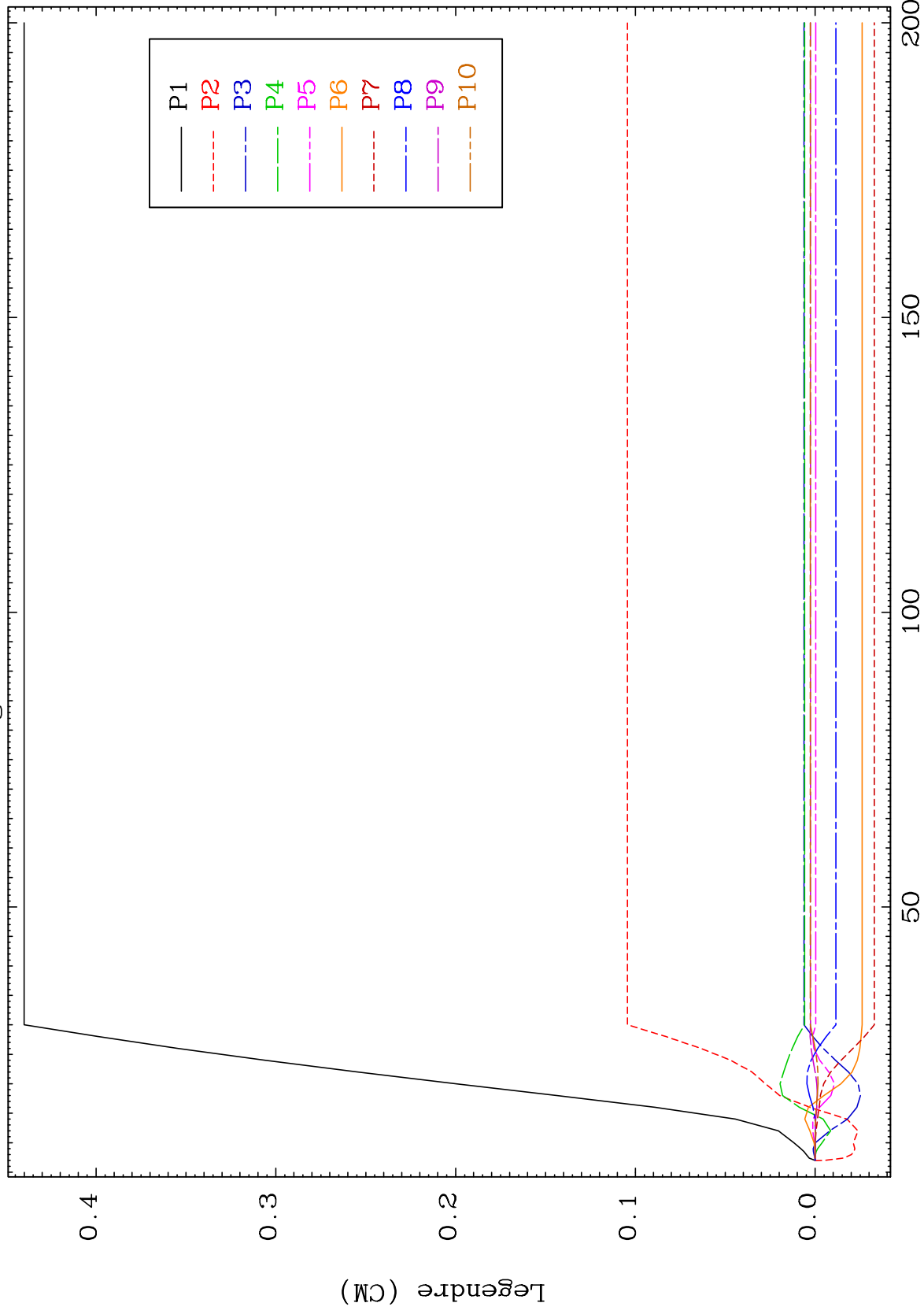
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



72

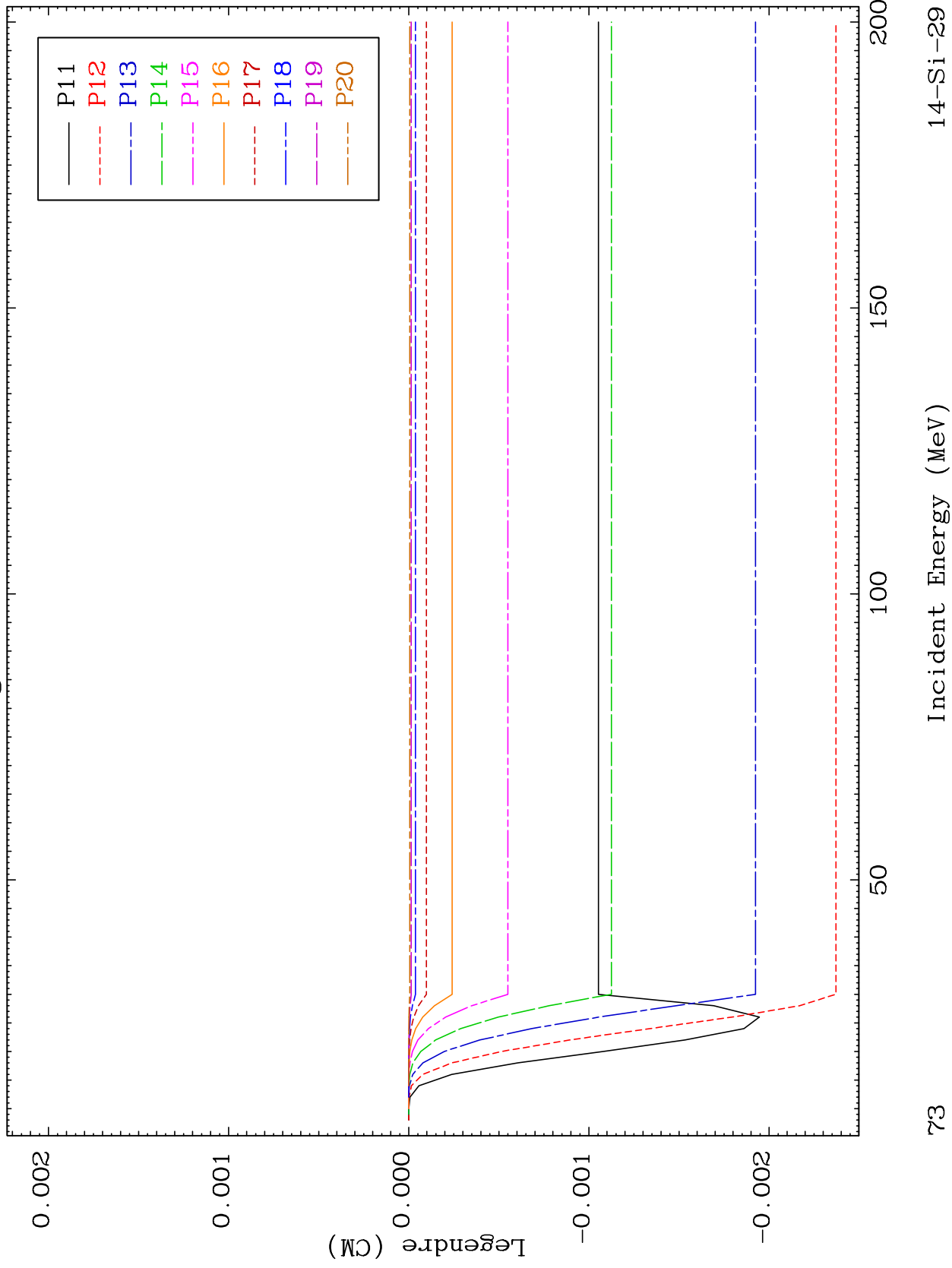
Incident Energy (MeV)

14-Si-29

MAT 1428

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

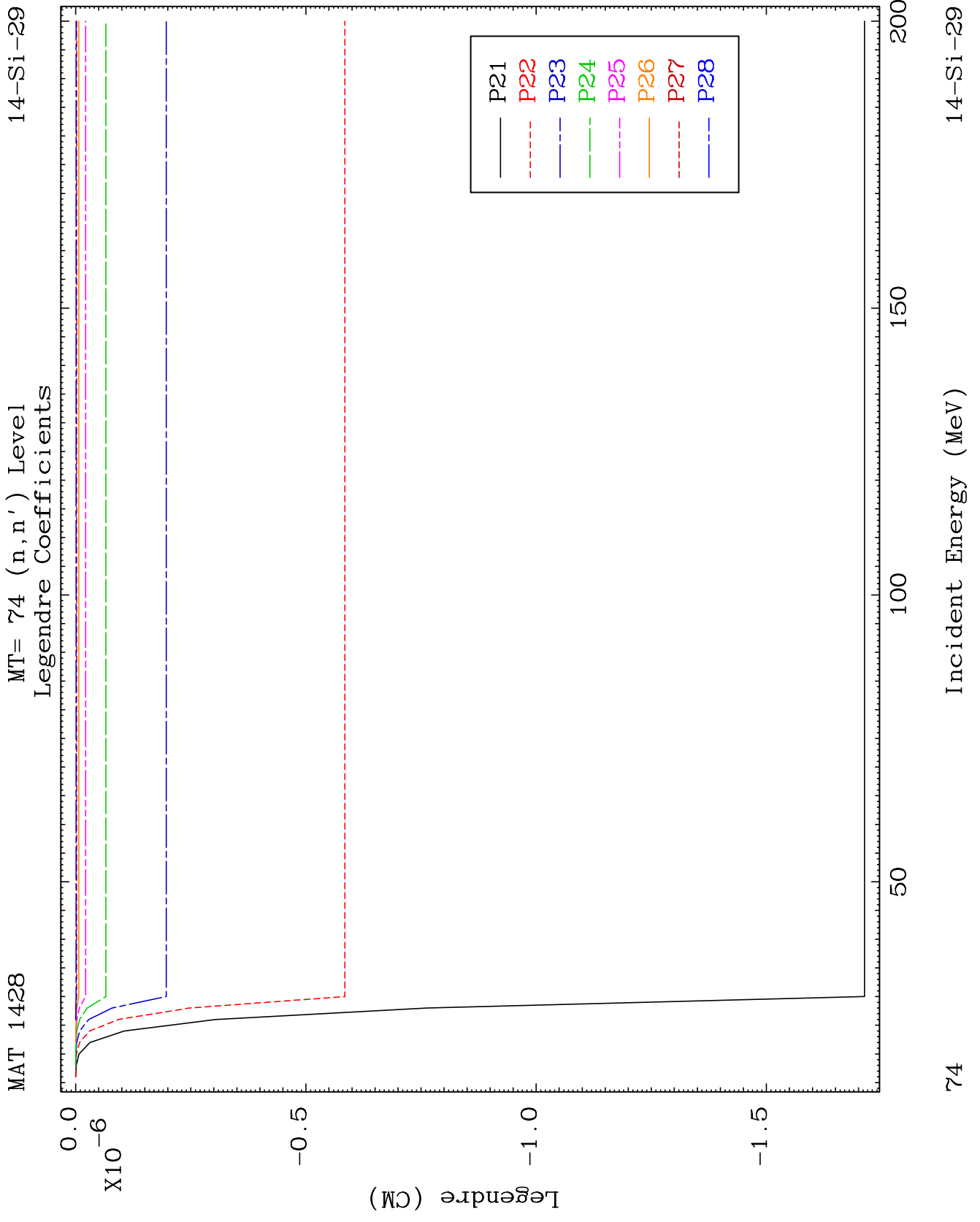
¹⁴Si-29



73

Incident Energy (MeV)

¹⁴Si-29

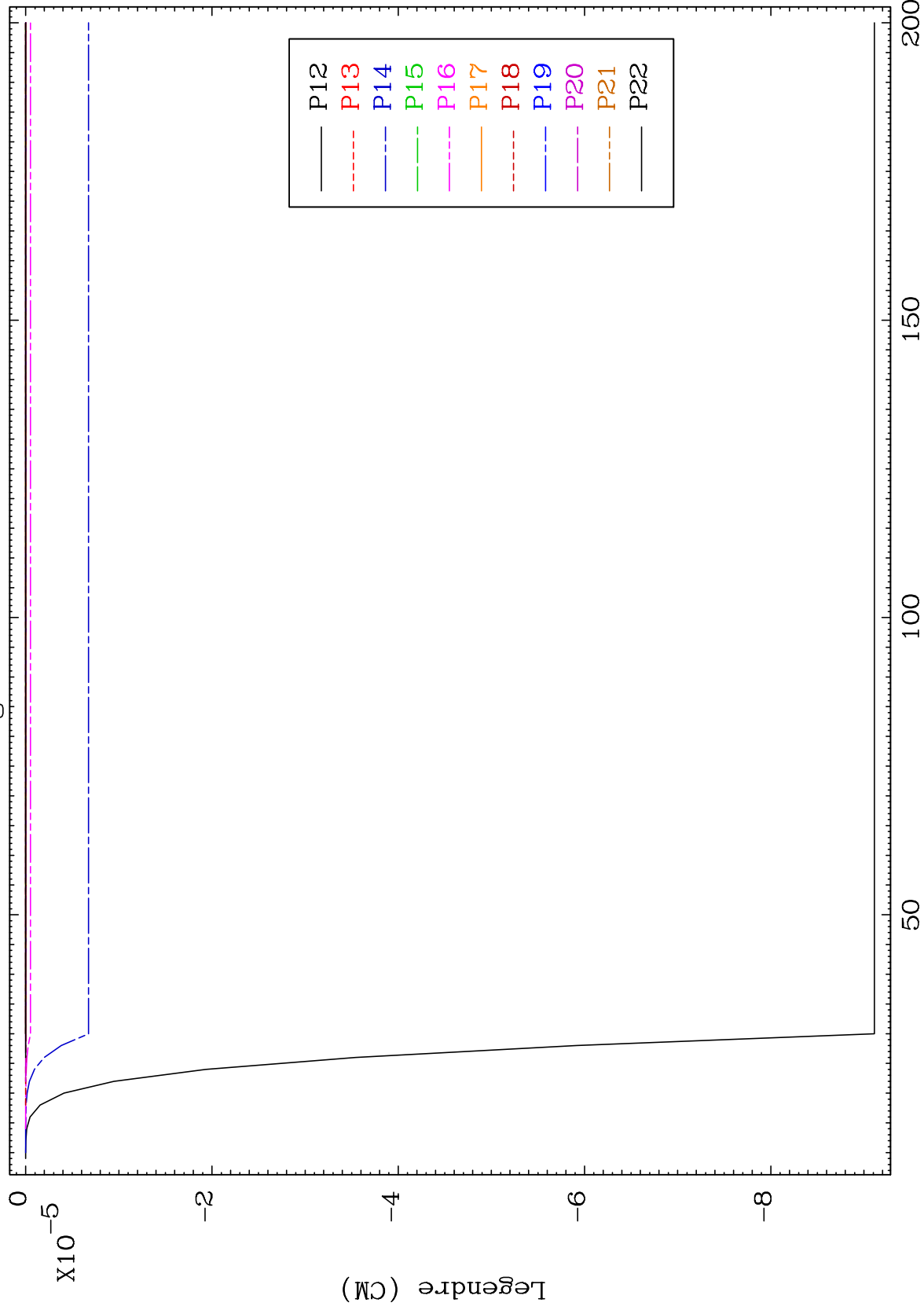


MAT 1428

MT= 75 (n,n') Level

14-Si-29

Legendre Coefficients



76

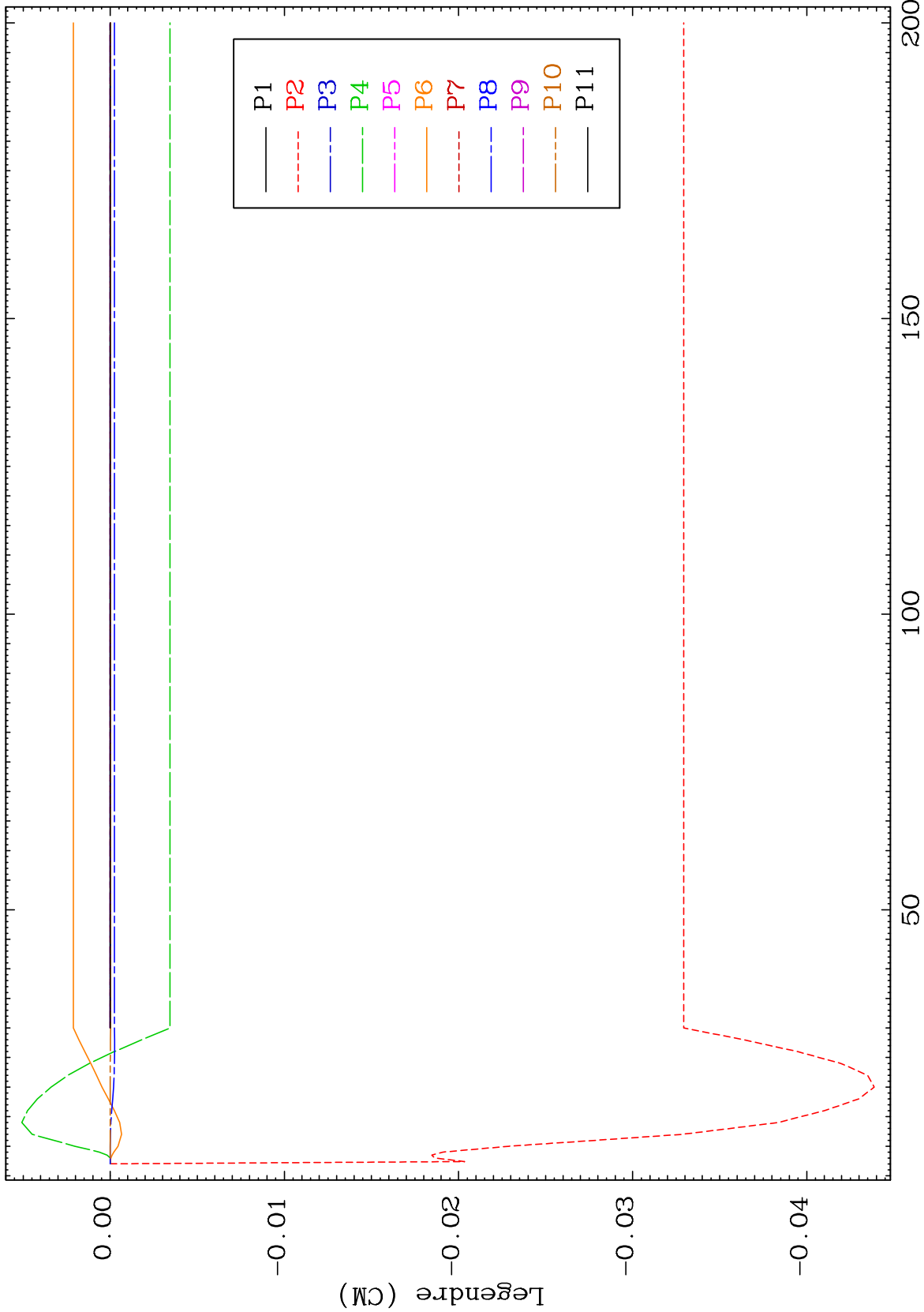
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



77

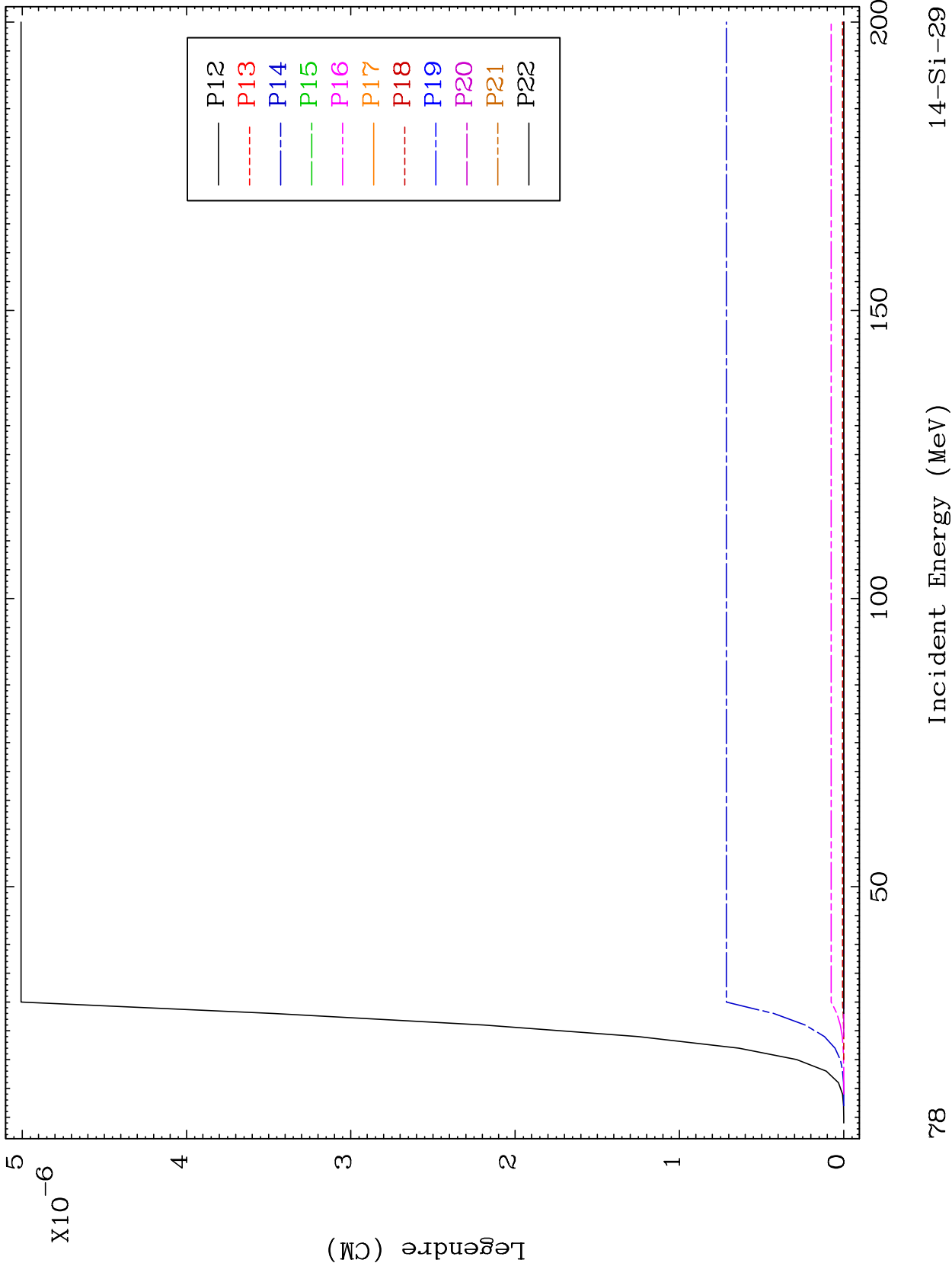
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



78

Incident Energy (MeV)

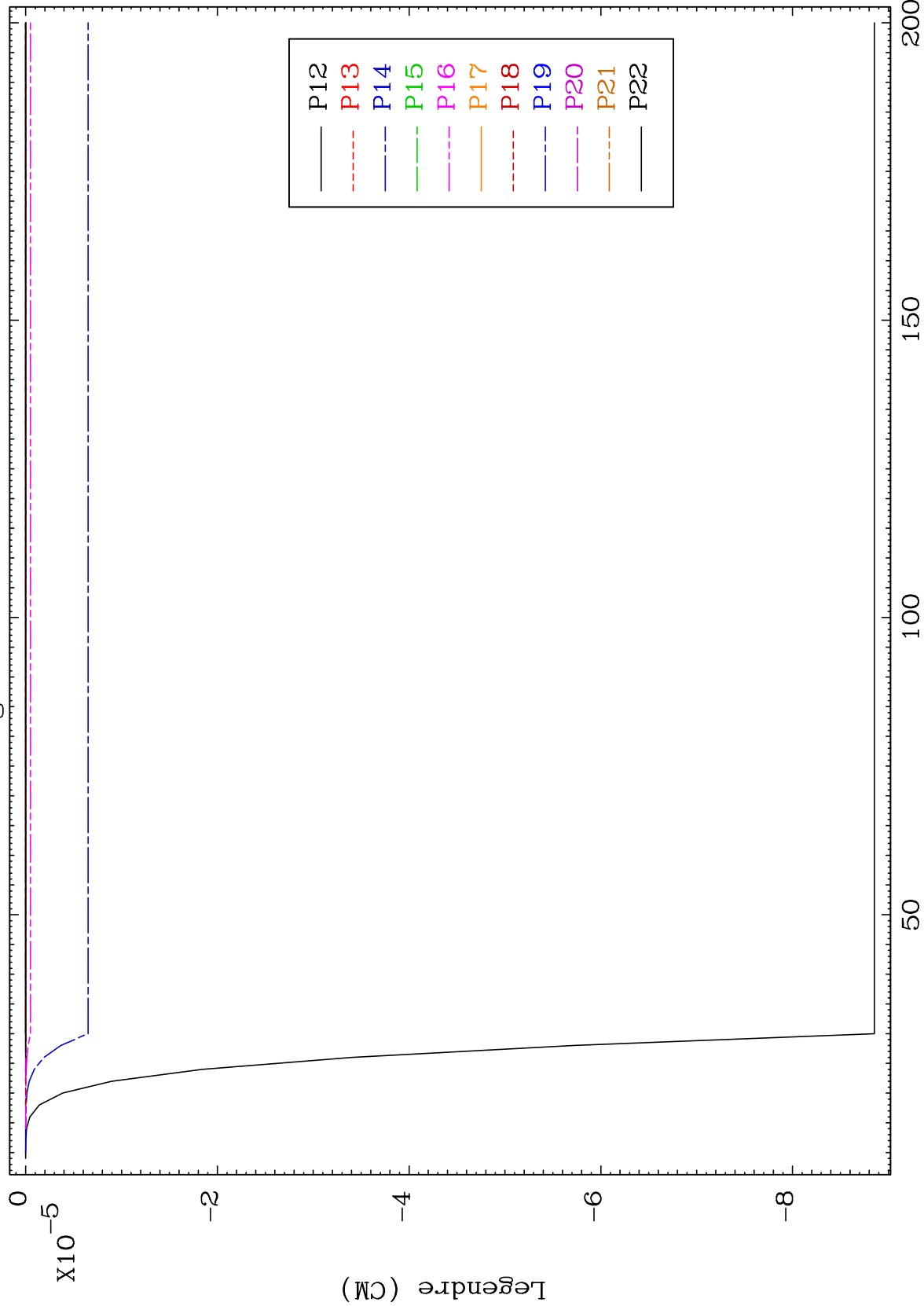
14-Si-29

MAT 1428

MT= 77 (n,n') Level

14-Si-29

Legendre Coefficients



80

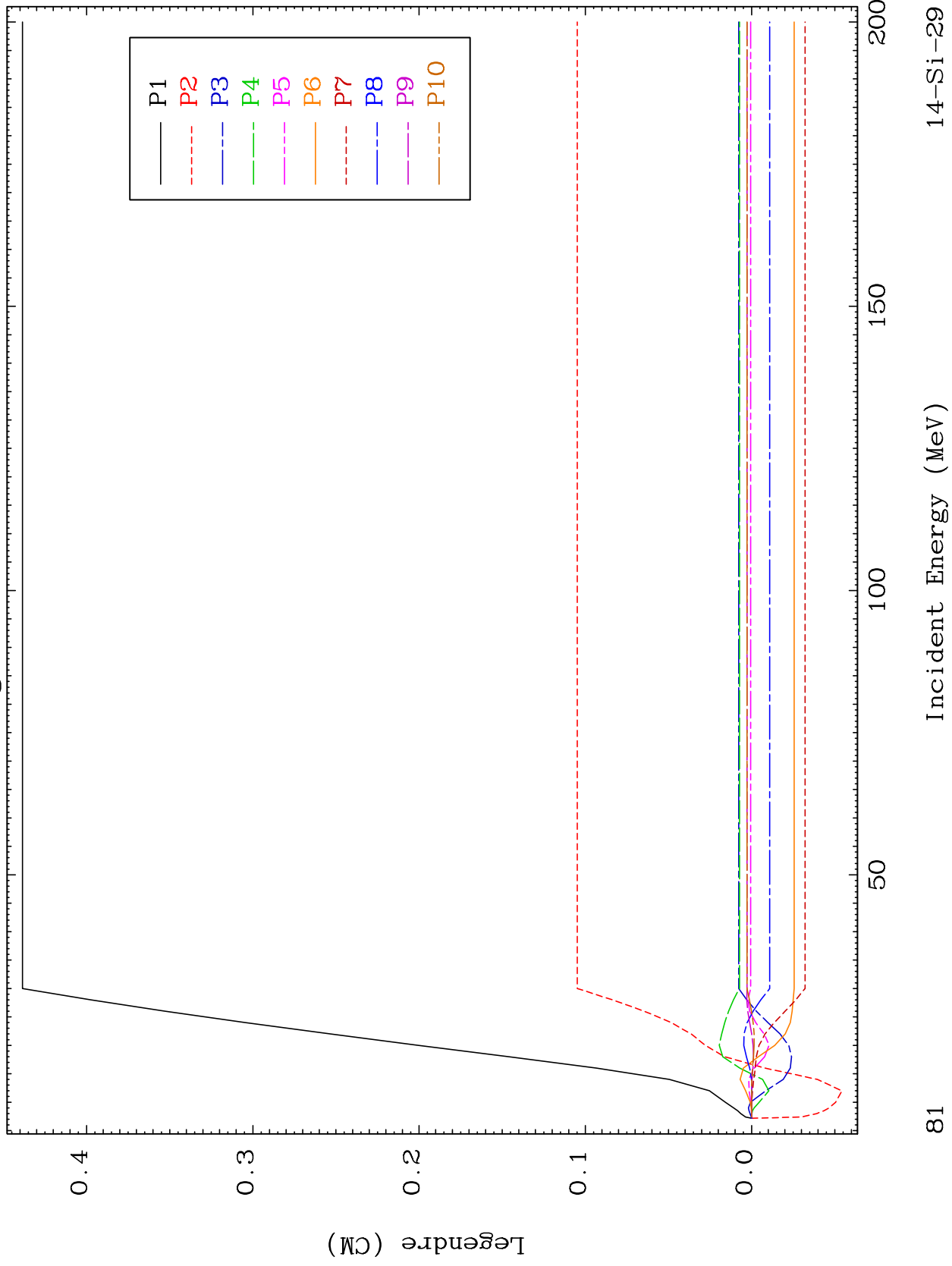
Incident Energy (MeV)

14-Si-29

MAT 1428

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

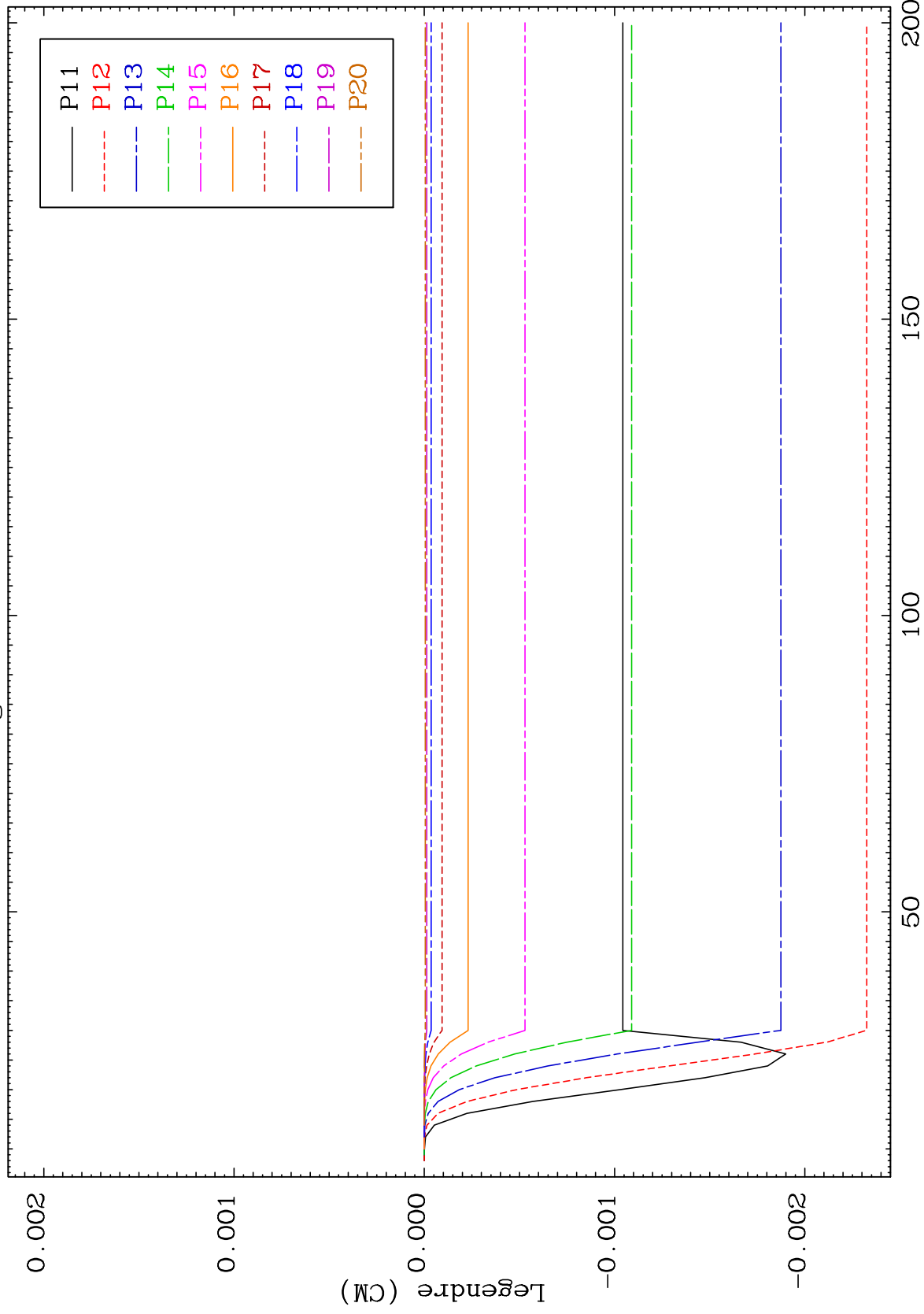
14-Si-29



MAT 1428

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

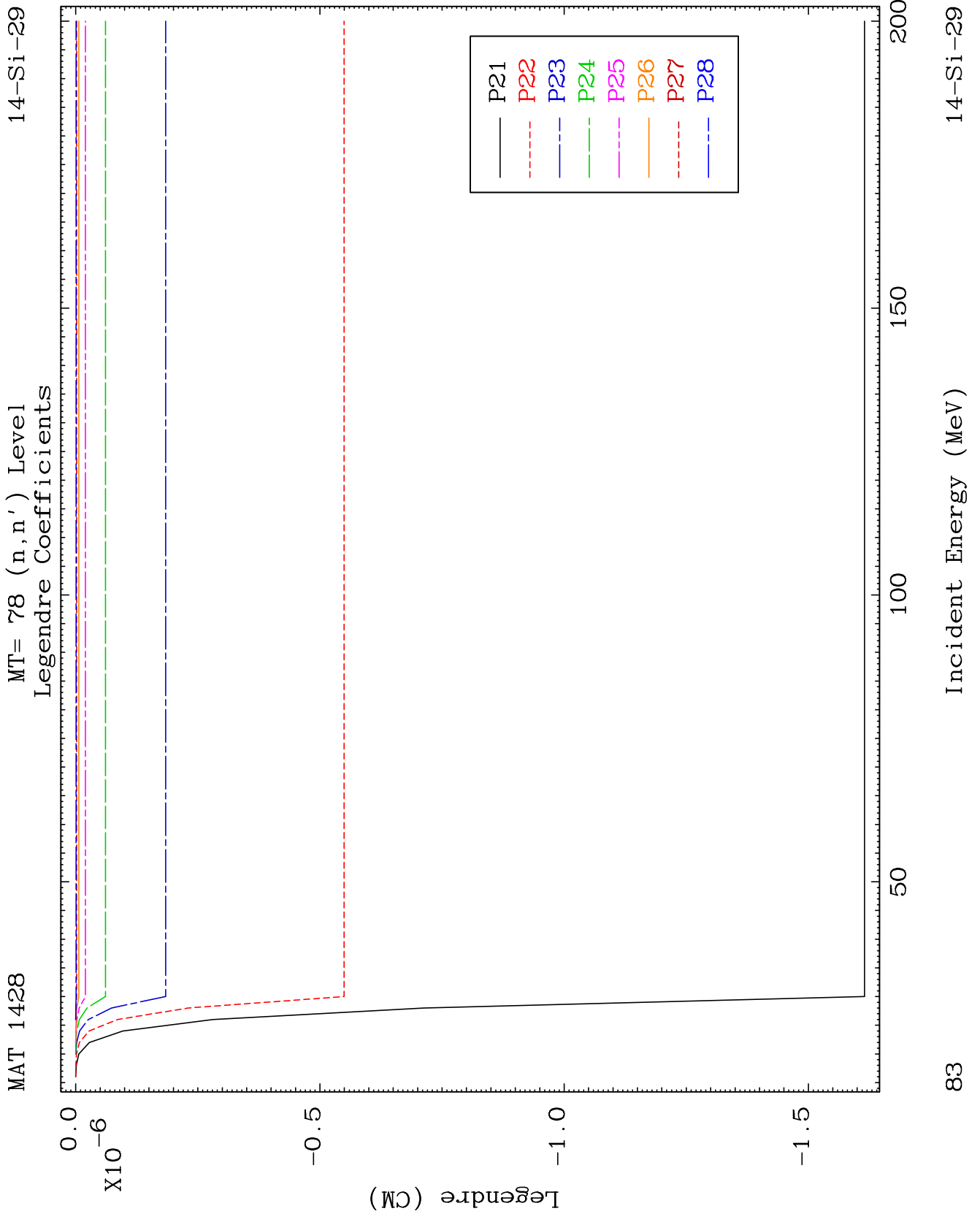
14-Si-29



82

Incident Energy (MeV)

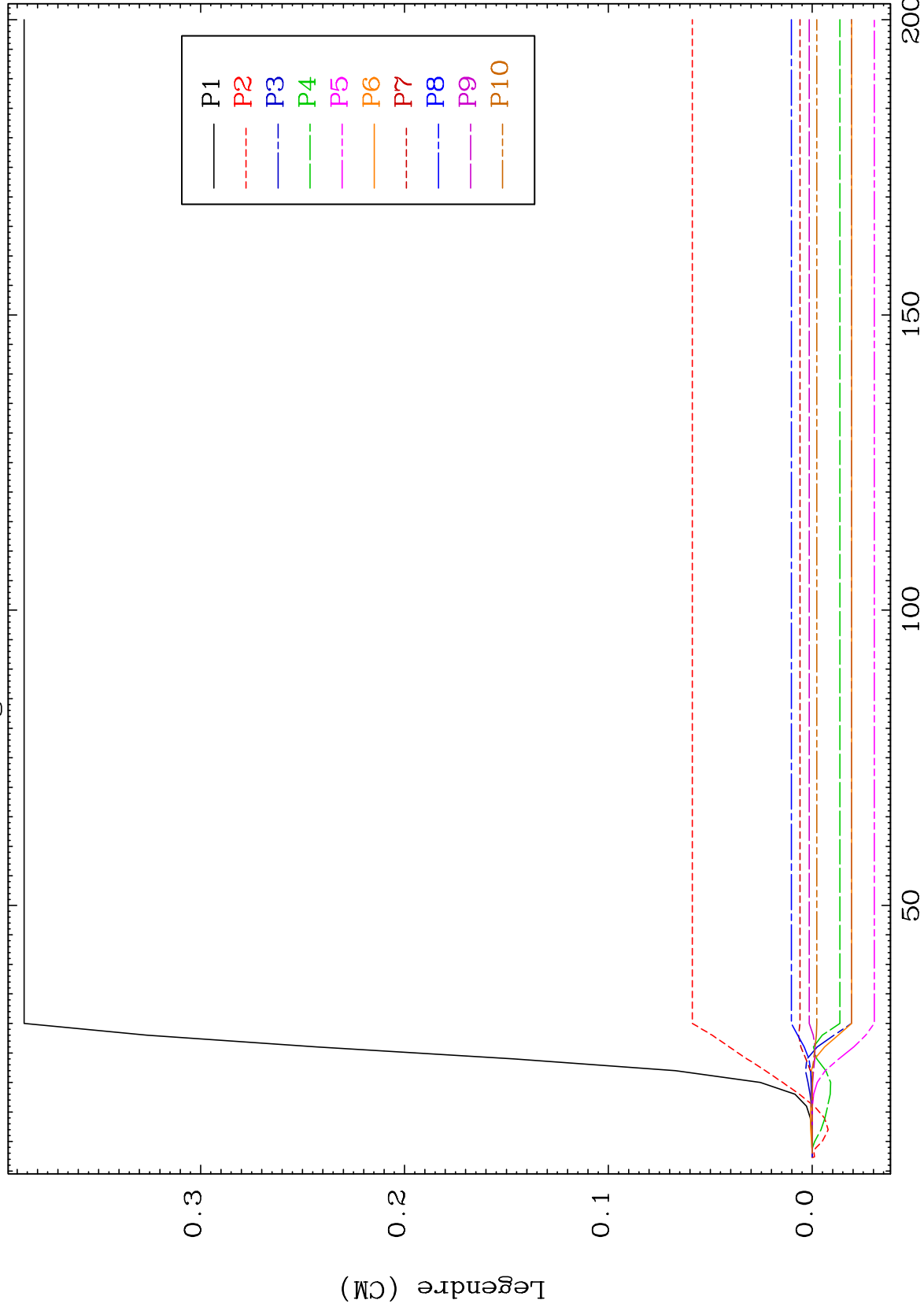
14-Si-29



MAT 1428

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

14-Si-29



84

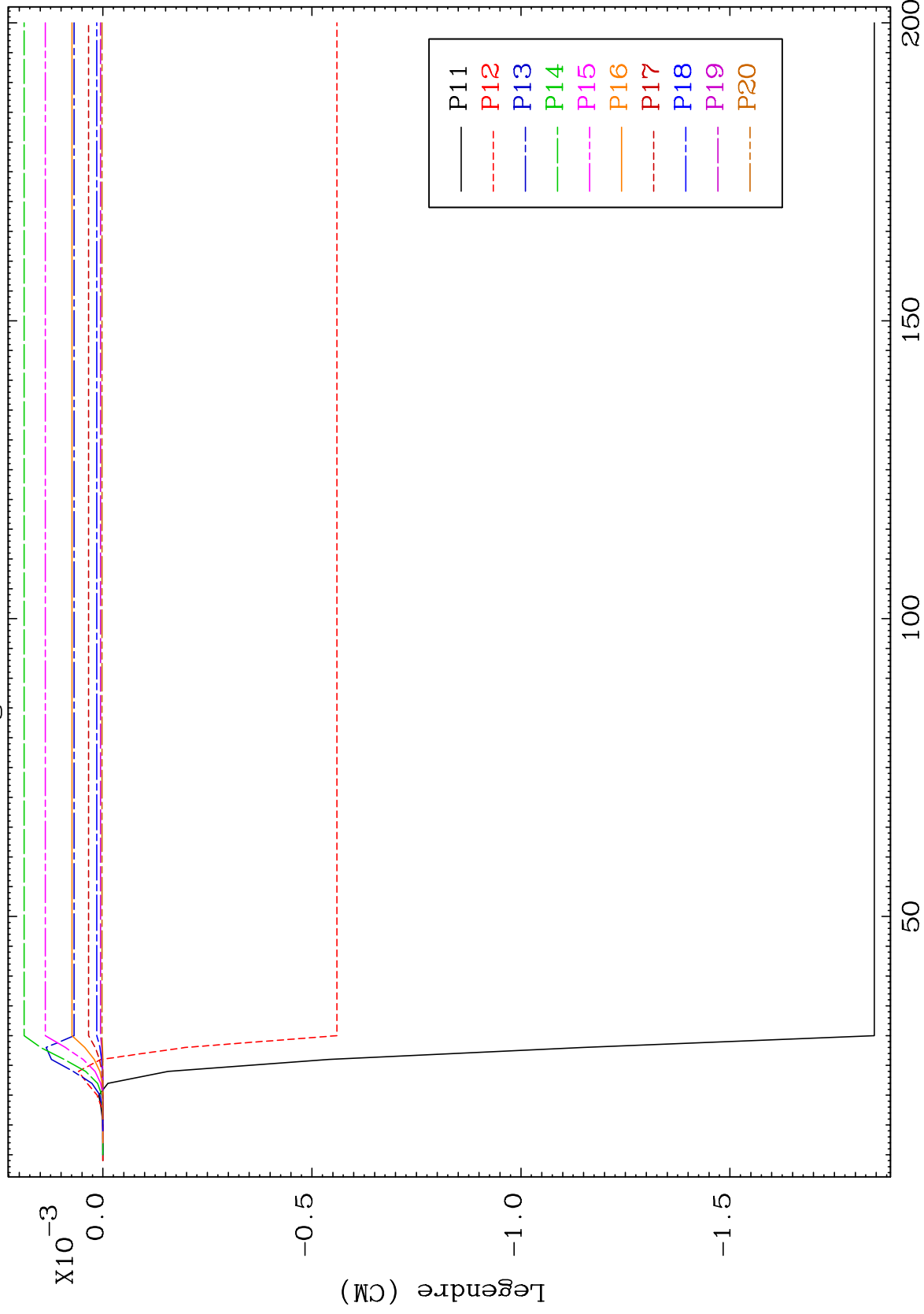
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



85

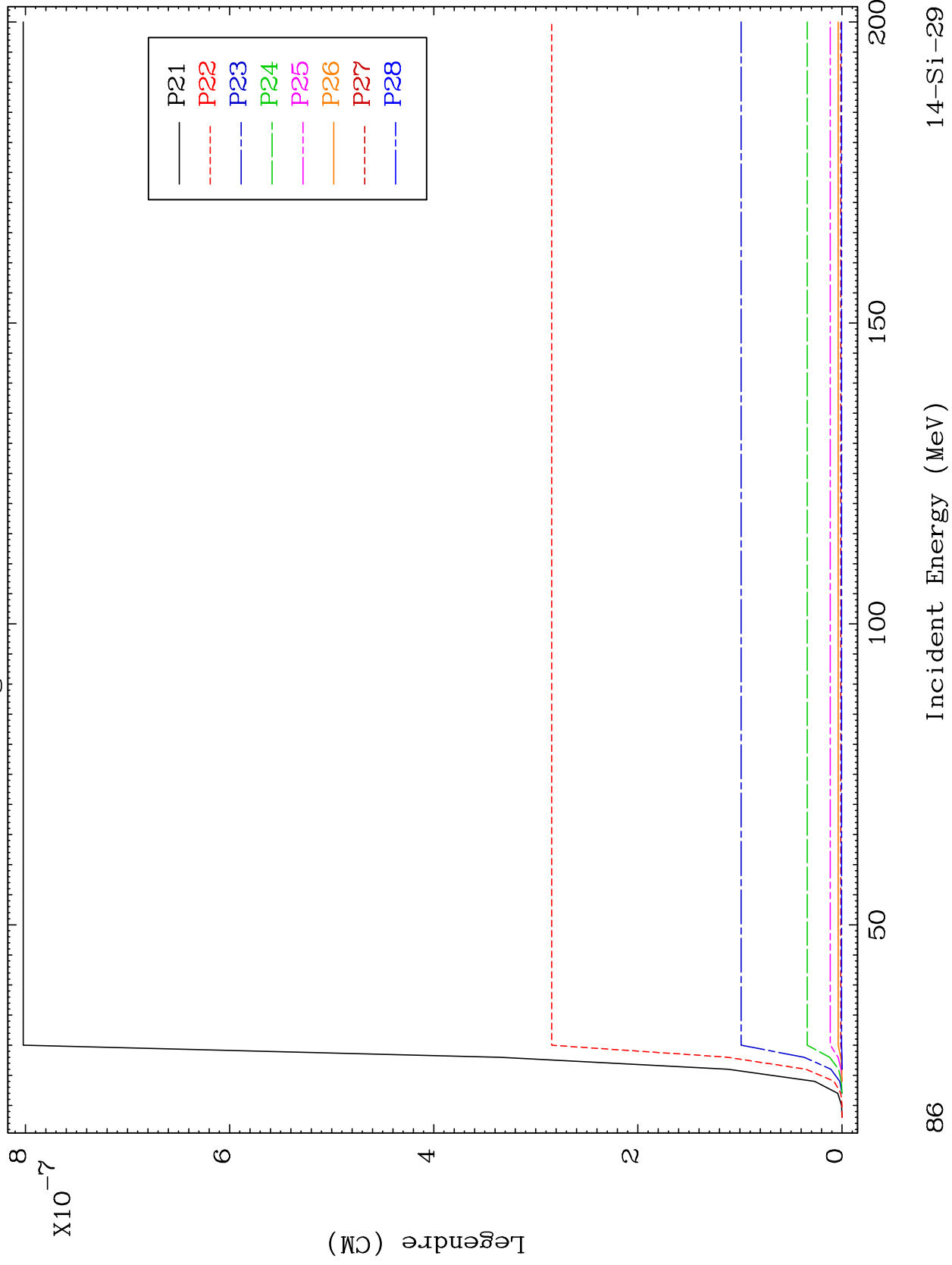
Incident Energy (MeV)

14-Si-29

MAT 1428

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

14-Si-29



86

Incident Energy (MeV)

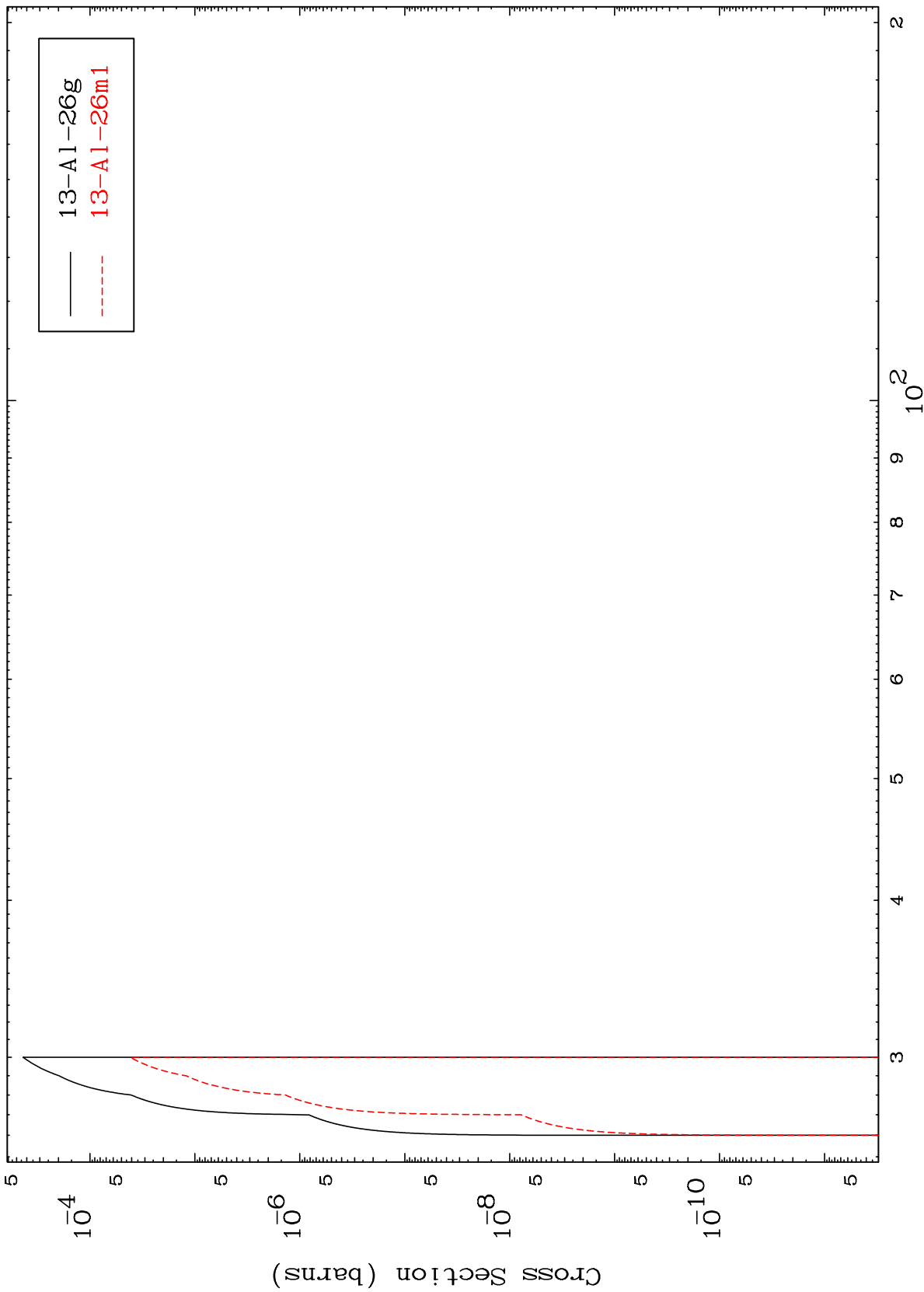
14-Si-29

MAT 1428

(n,n') t

14-Si-29

Radionuclide Production Cross Section



87

14-Si-29

Incident Energy (MeV)