

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

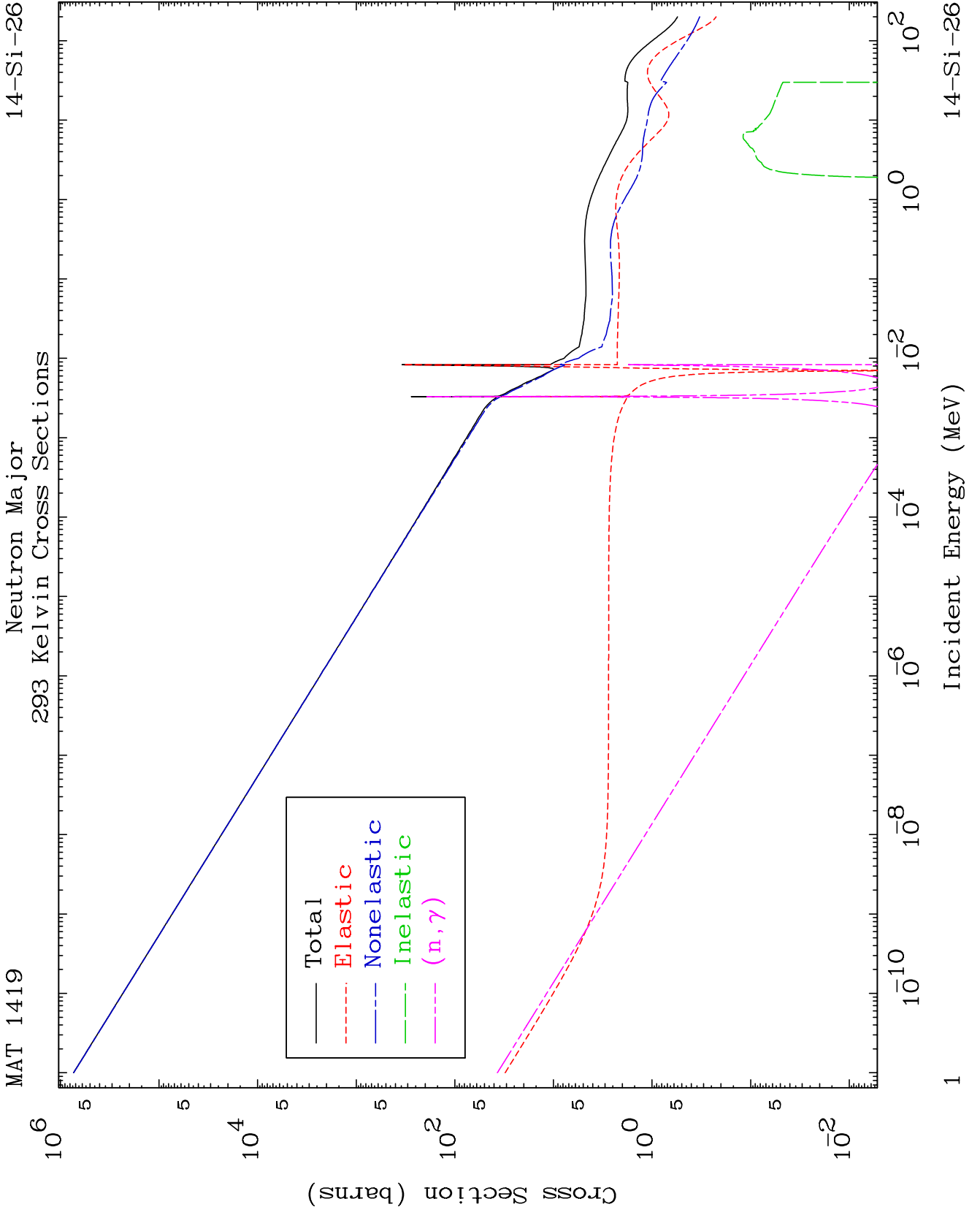
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

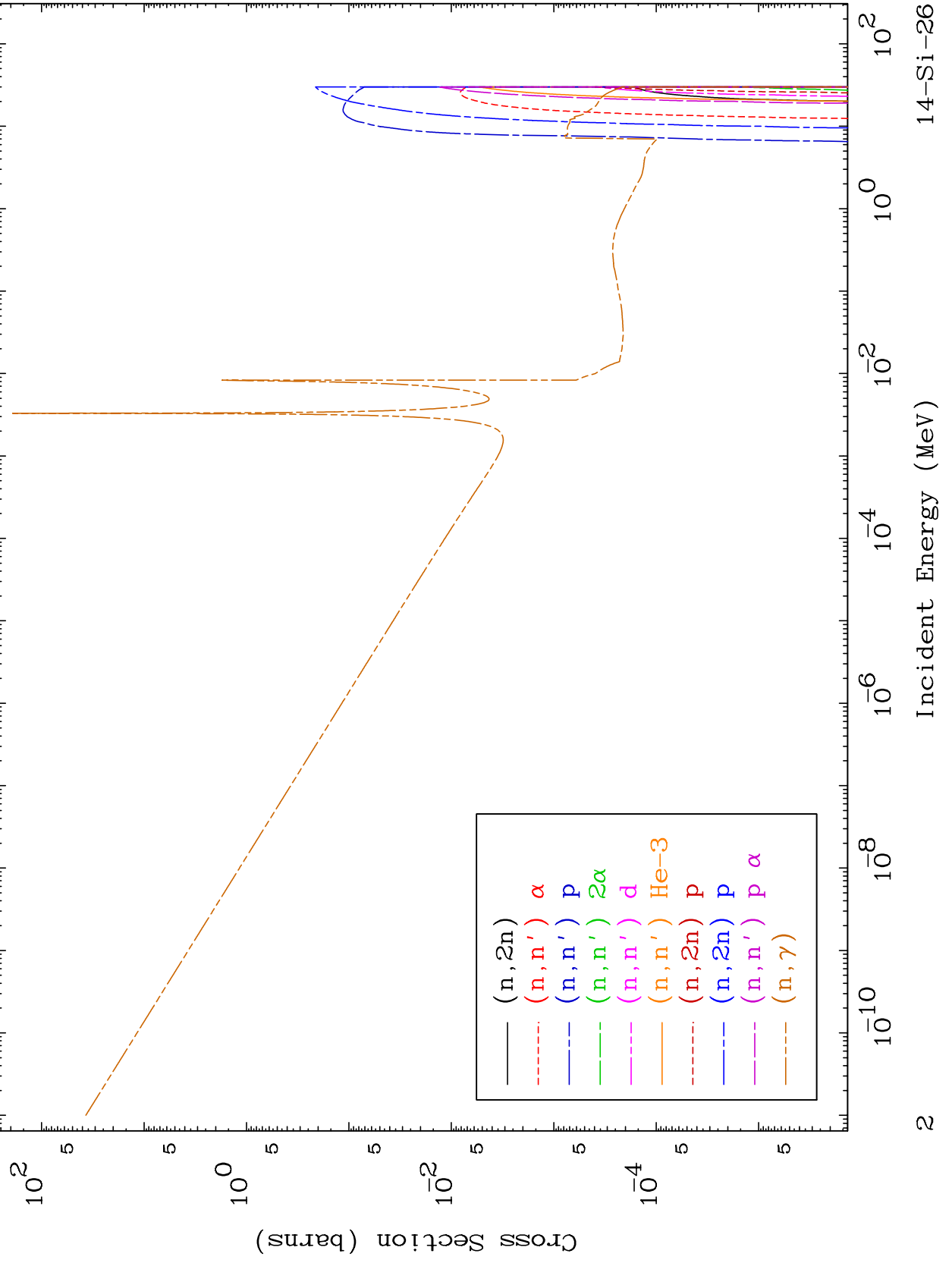
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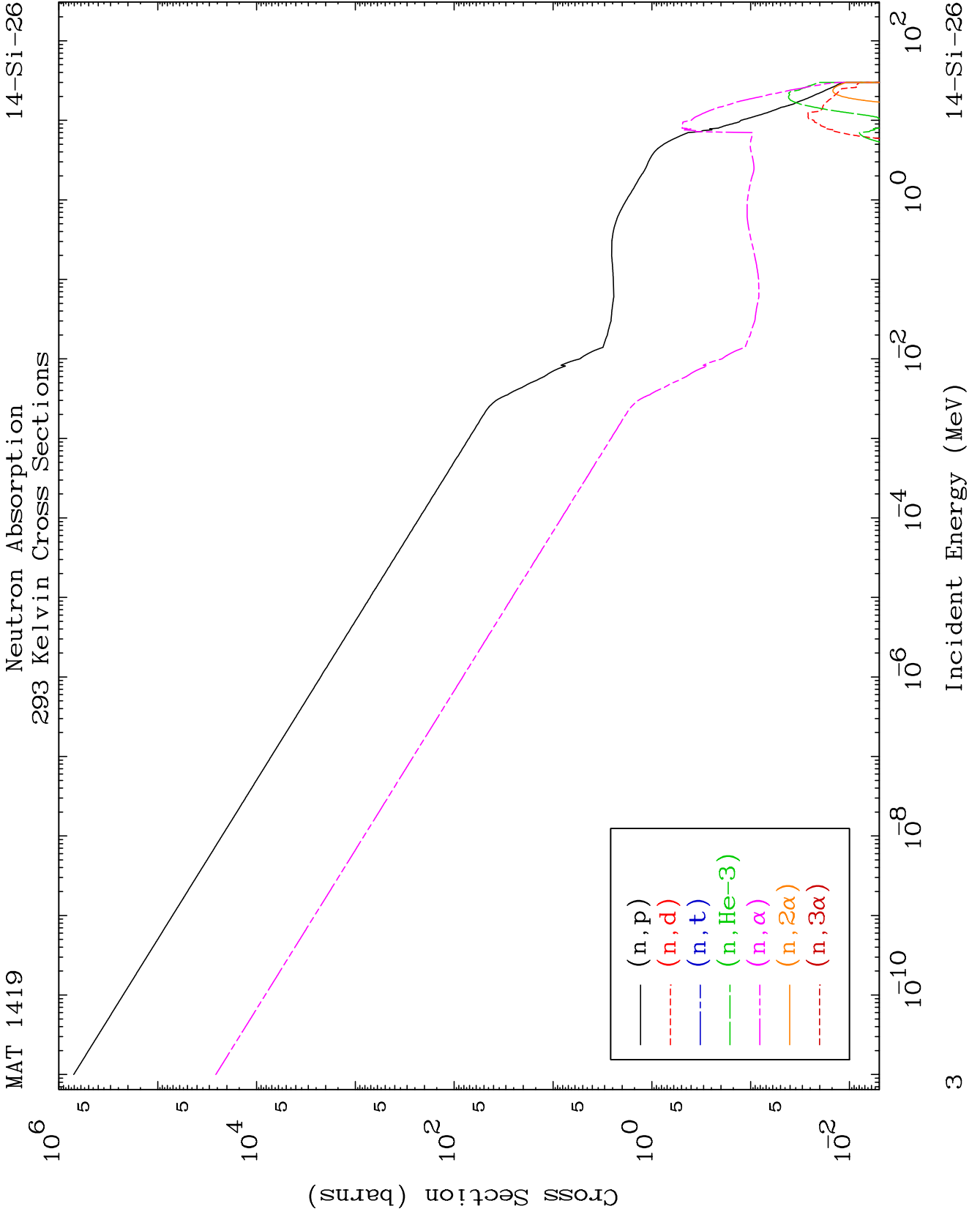


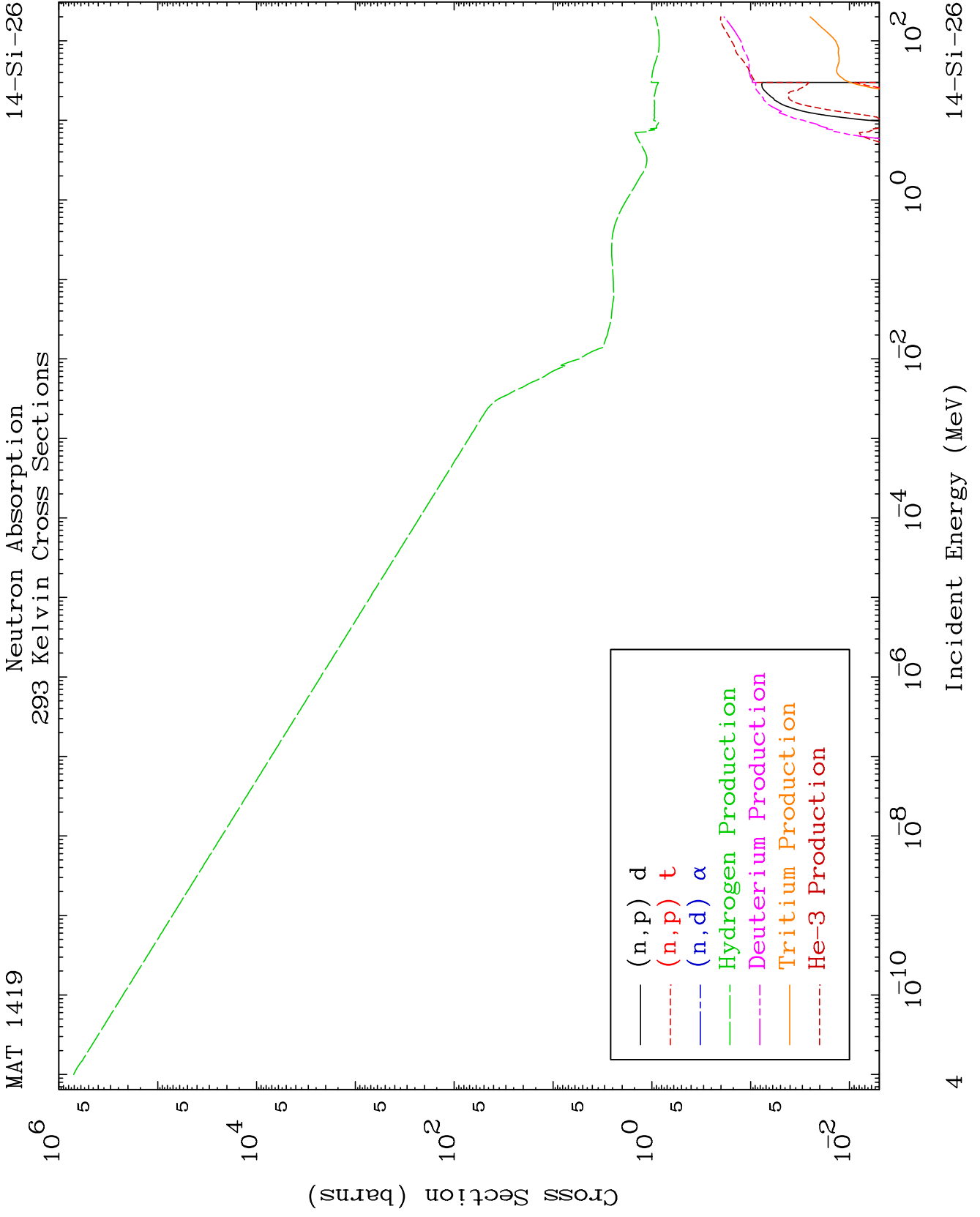
MAT 1419

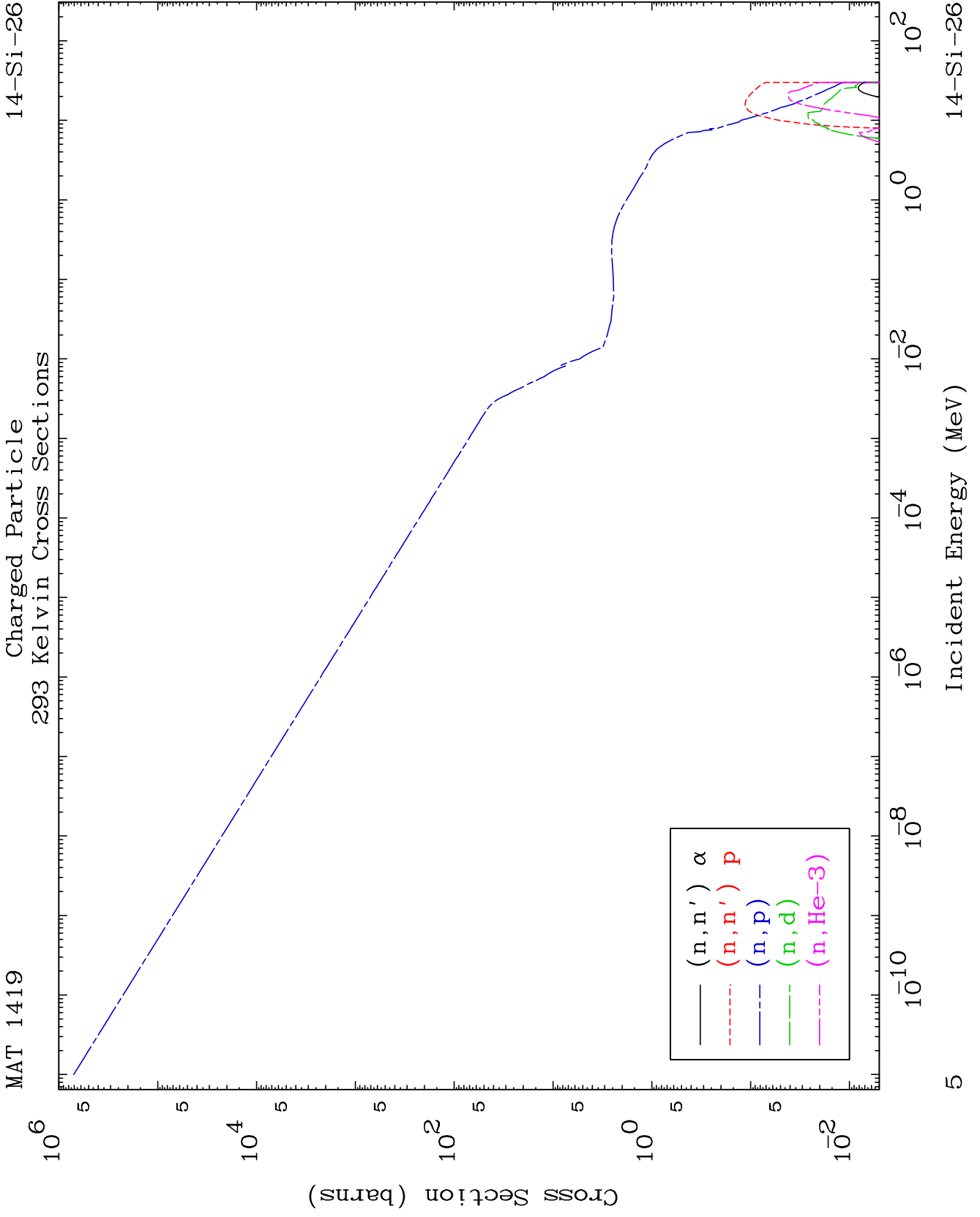
Neutron Absorption
293 Kelvin Cross Sections

14-Si-26





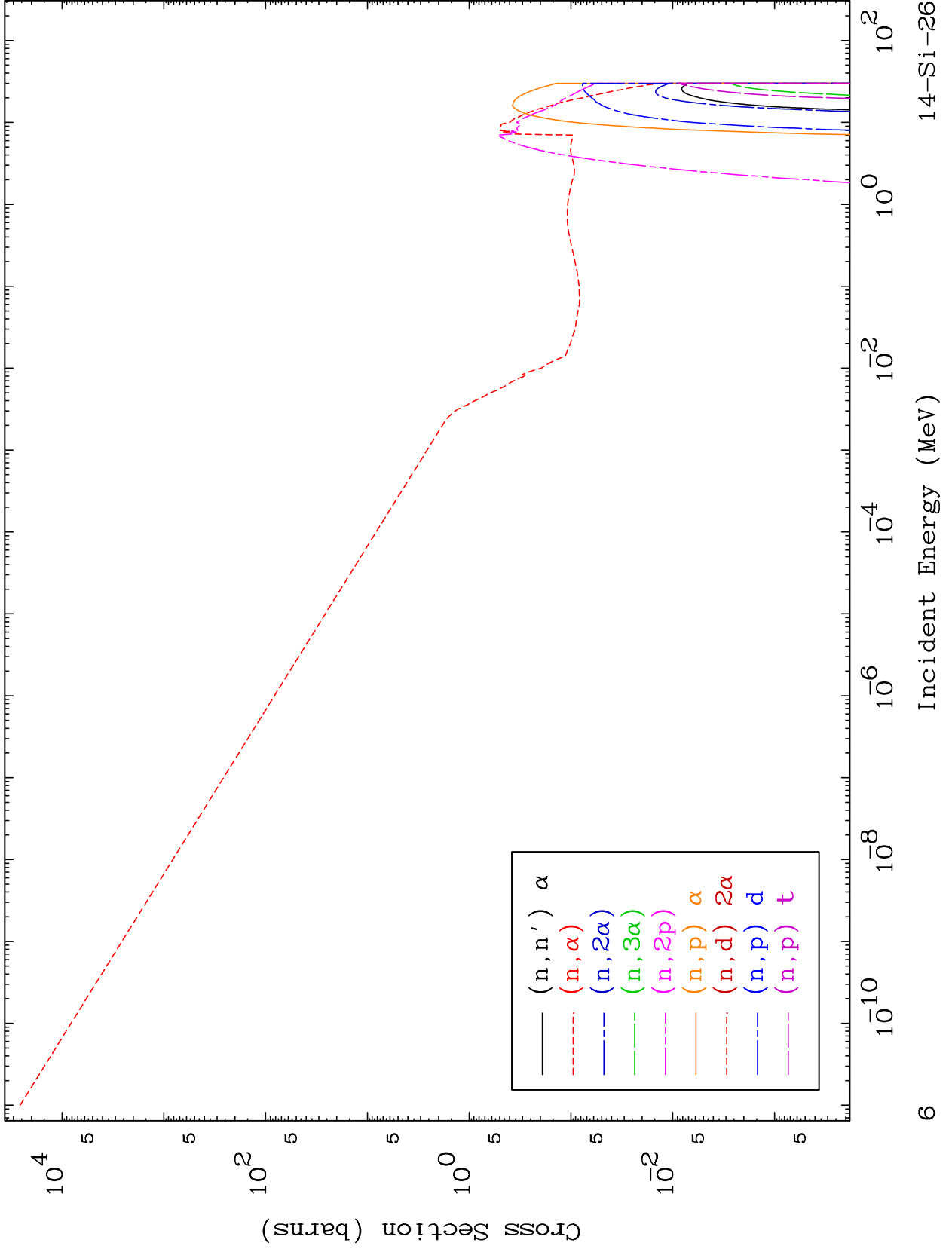




MAT 1419

Charged Particle
293 Kelvin Cross Sections

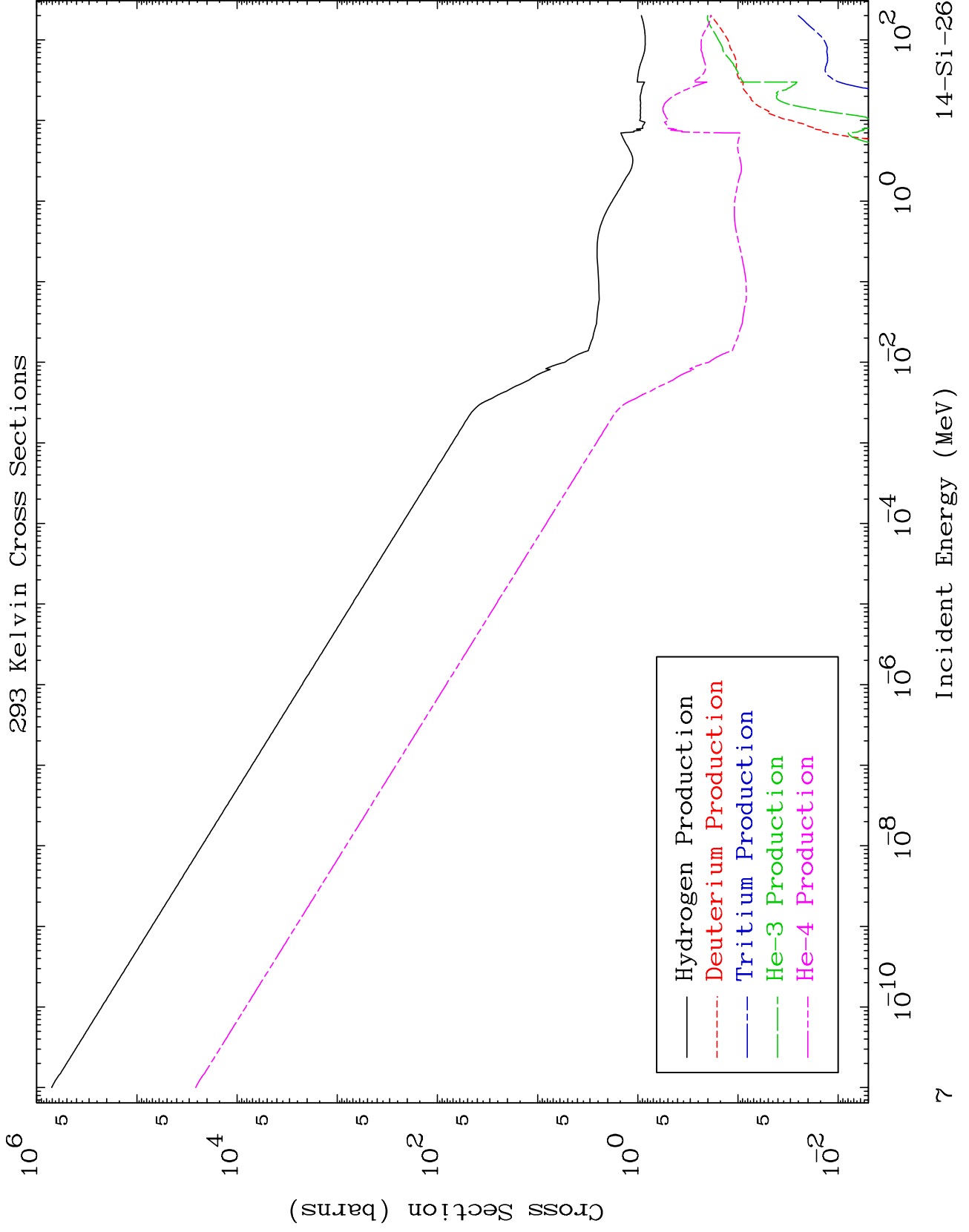
14-Si-26



MAT 1419

Particle Production
293 Kelvin Cross Sections

14-Si-26

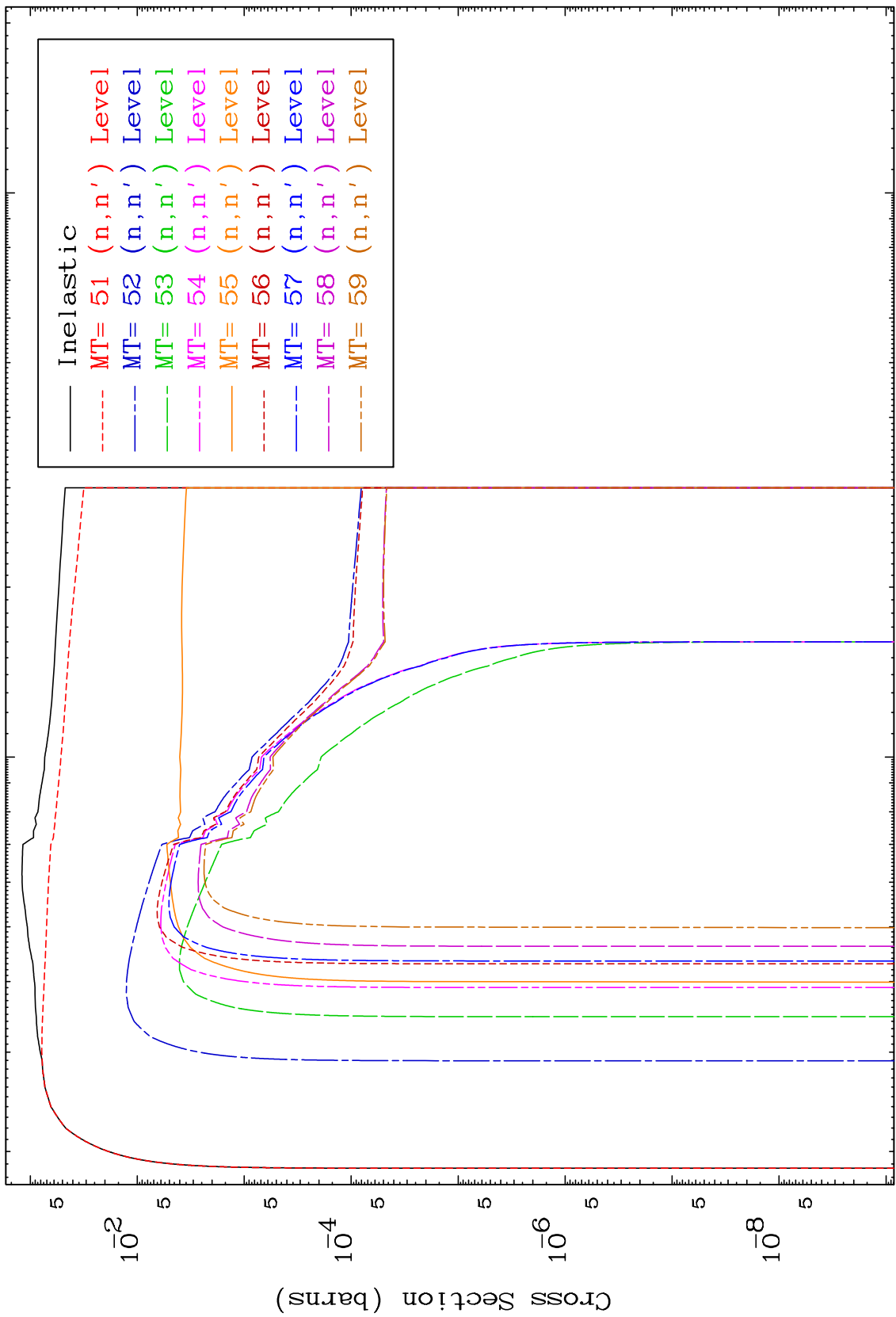


MAT 1419

(n,n') Levels

14-Si-26

293 Kelvin Cross Sections



8

Incident Energy (MeV)

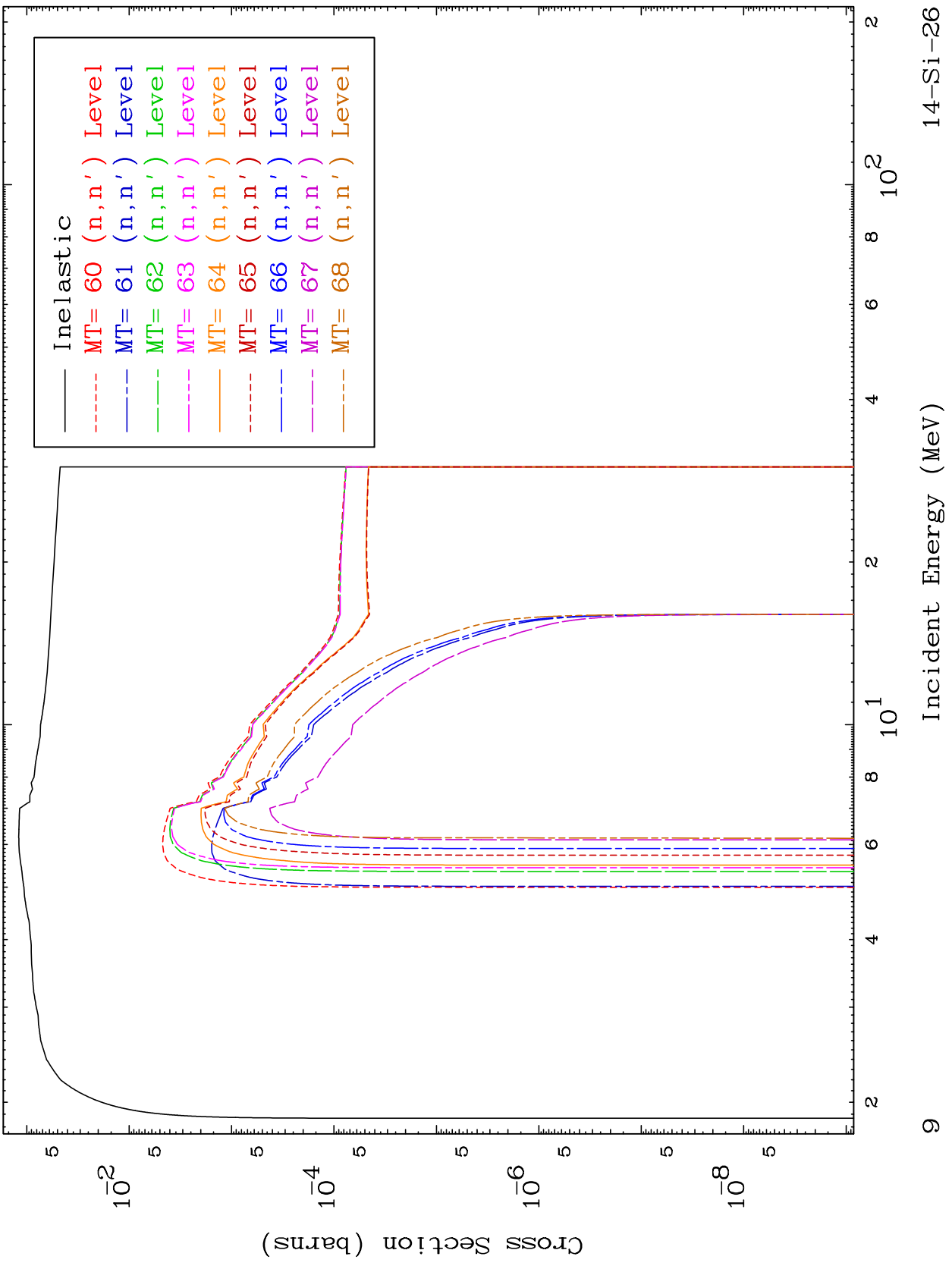
14-Si-26

MAT 1419

(n,n') Levels

14-Si-26

293 Kelvin Cross Sections

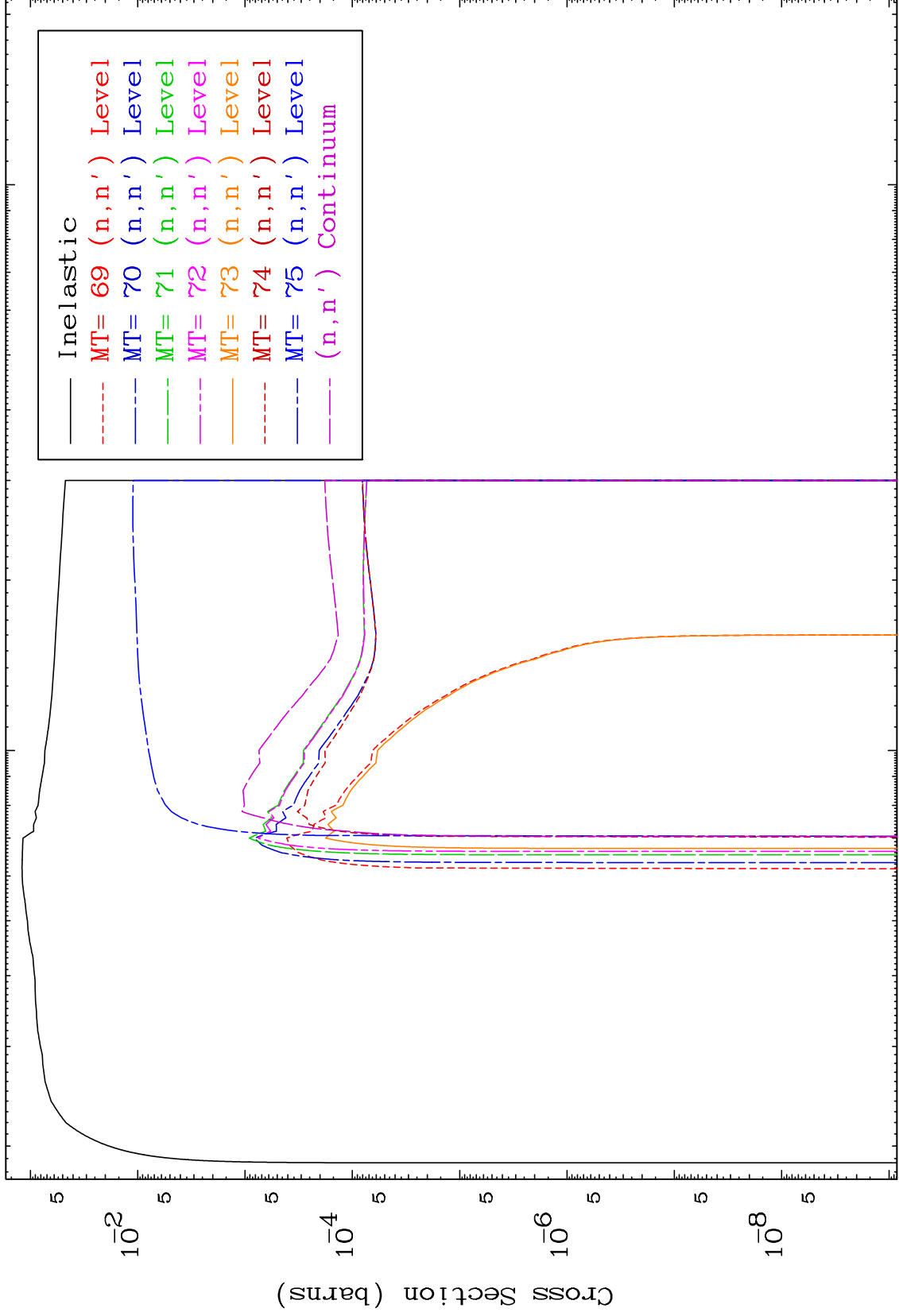


MAT 1419

(n,n') Levels

14-Si-26

293 Kelvin Cross Sections



10

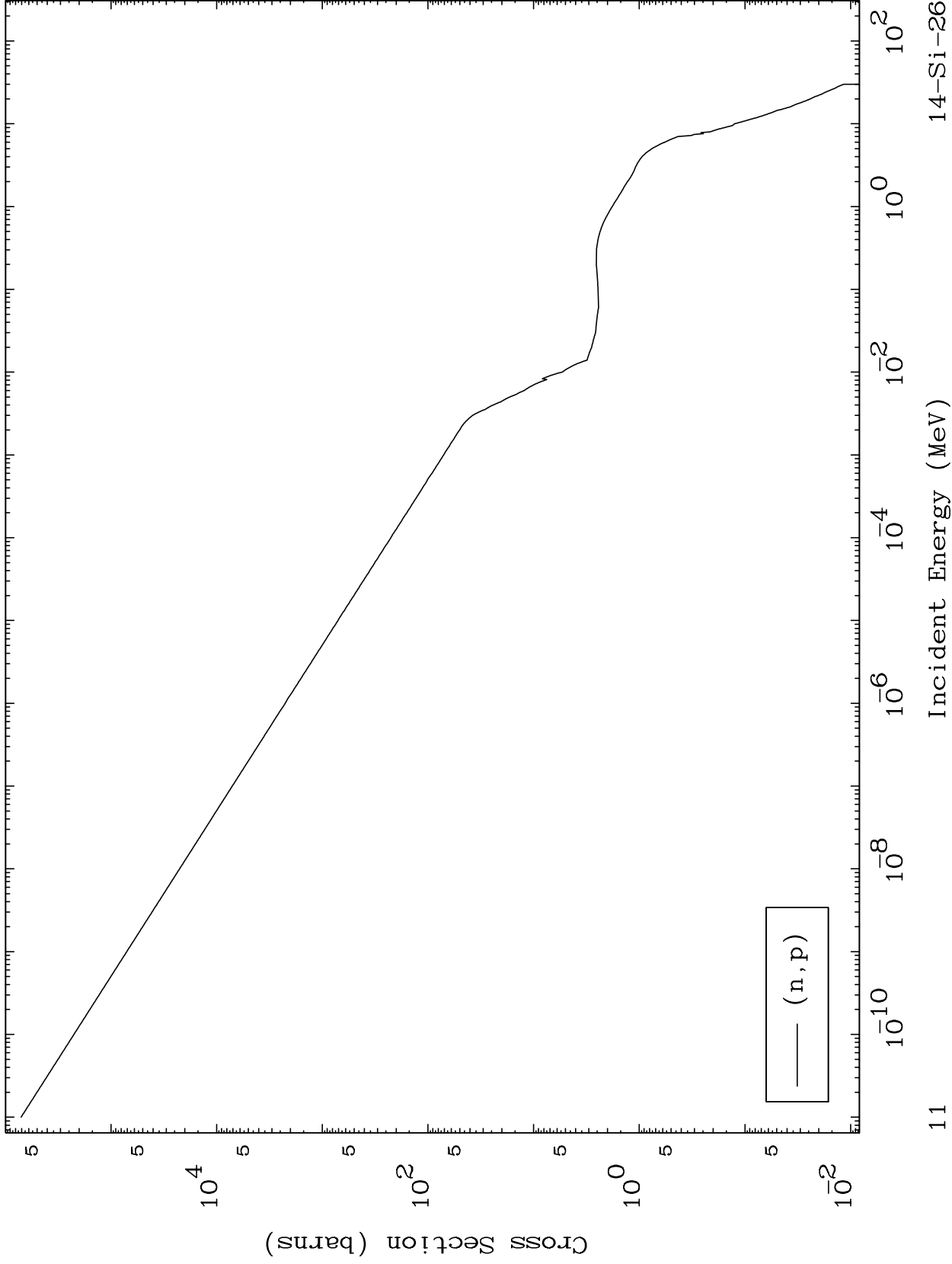
Incident Energy (MeV)

14-Si-26

MAT 1419

(n,p) Levels
293 Kelvin Cross Sections

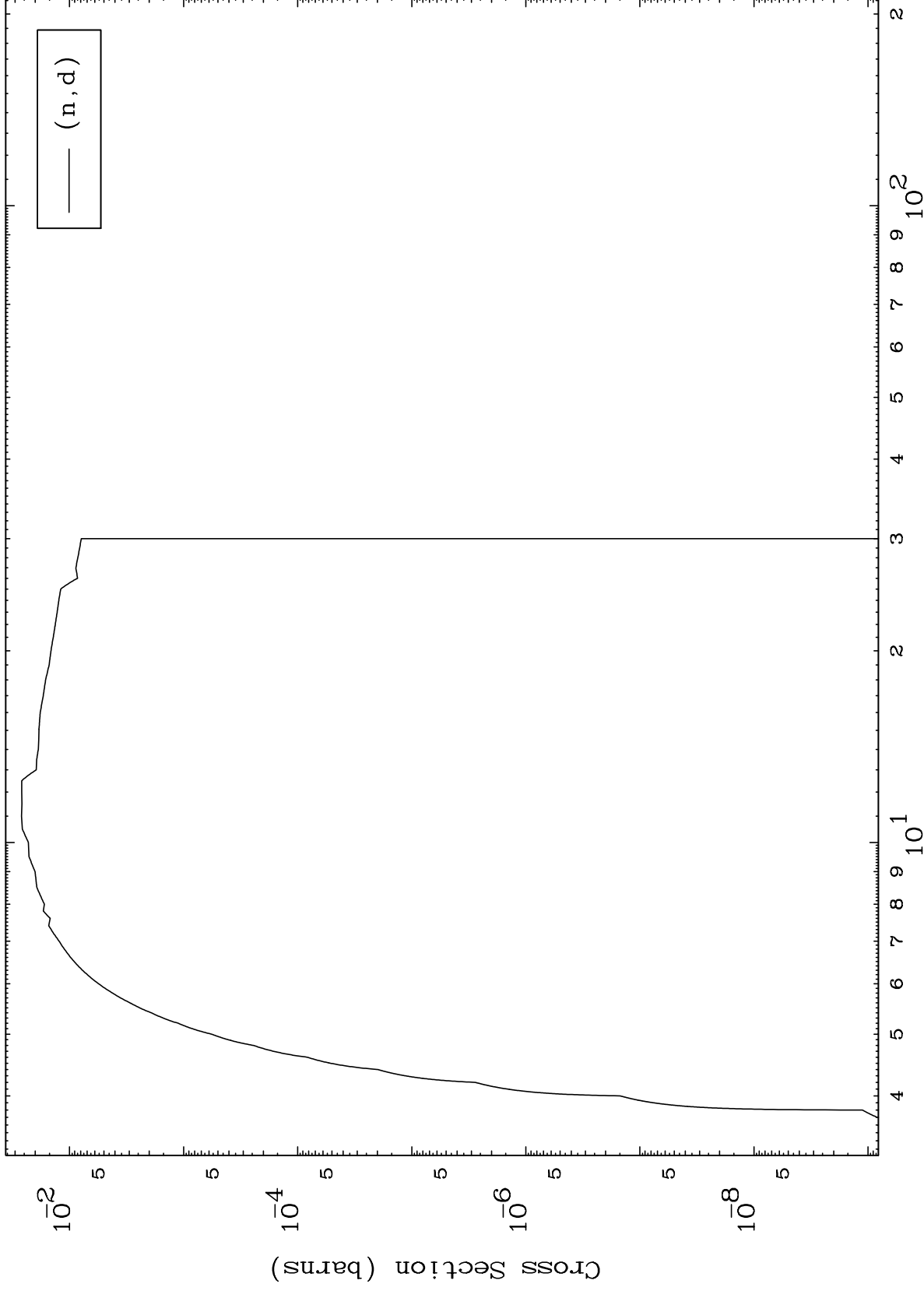
¹⁴Si-26



MAT 1419

(n,d) Levels
293 Kelvin Cross Sections

14-Si-26



12

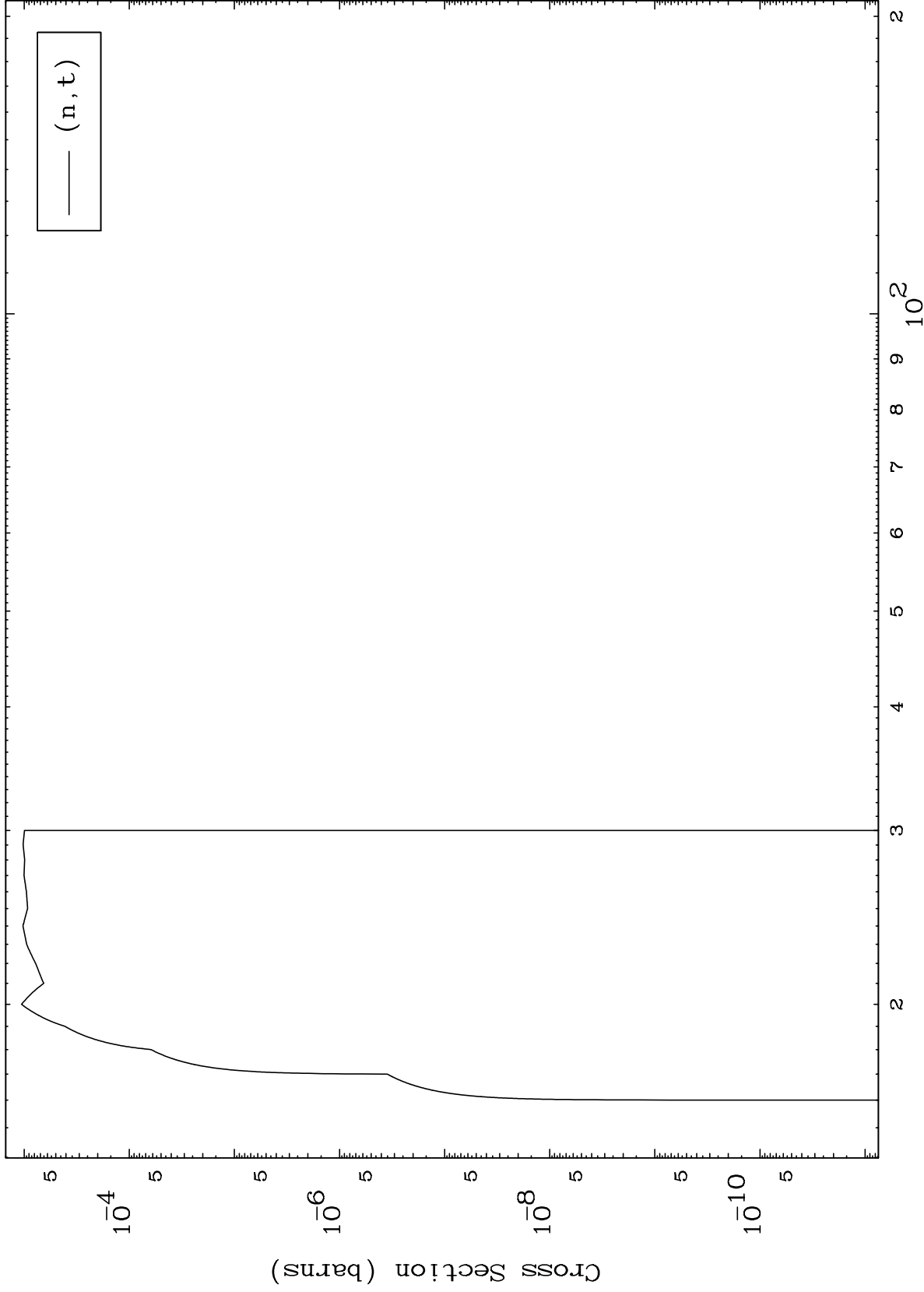
Incident Energy (MeV)

14-Si-26

MAT 1419

(n,t) Levels
293 Kelvin Cross Sections

14-Si-26



13

Incident Energy (MeV)

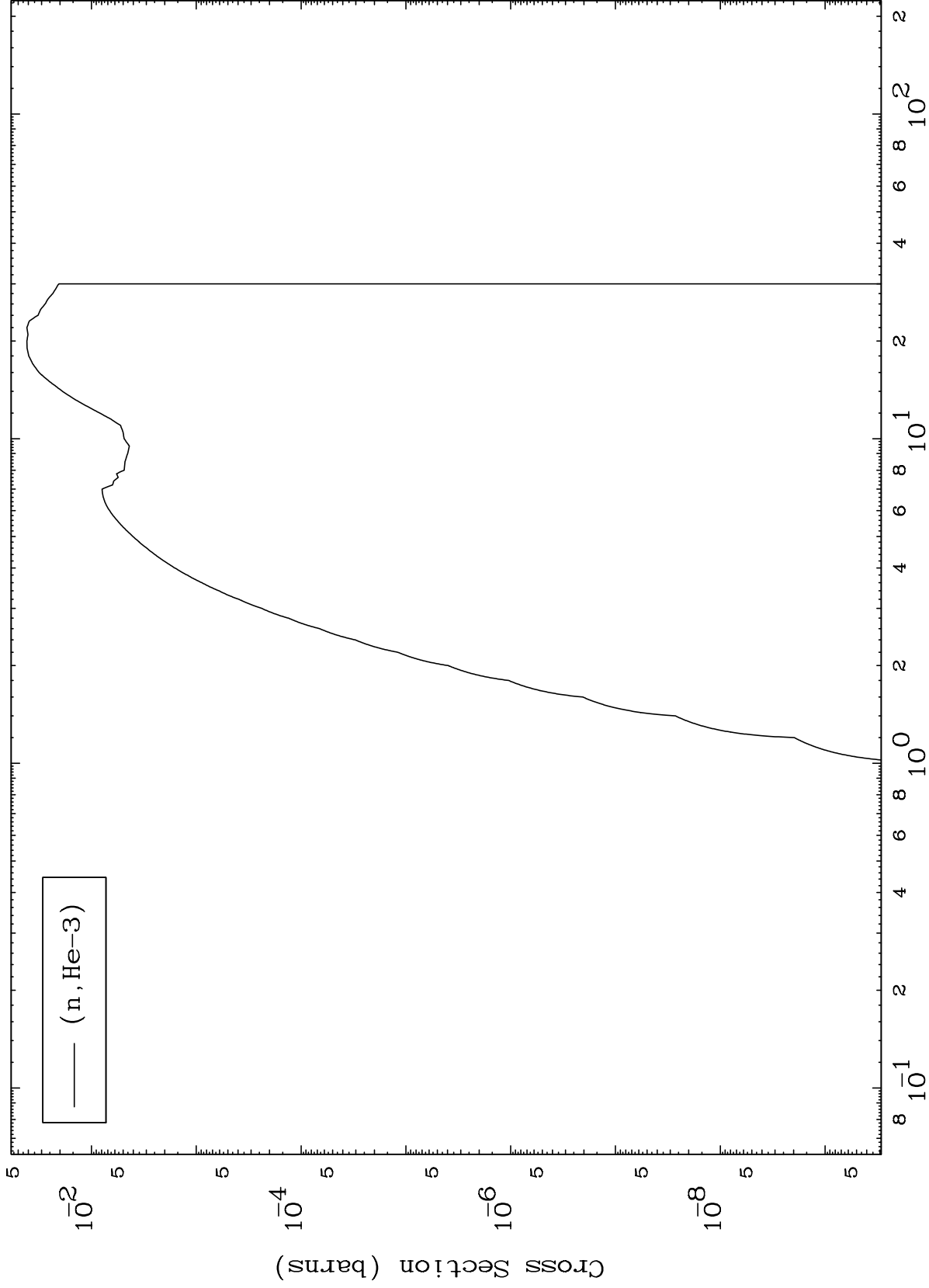
14-Si-26

MAT 1419

(n,He3) Levels

14-Si-26

293 Kelvin Cross Sections



14

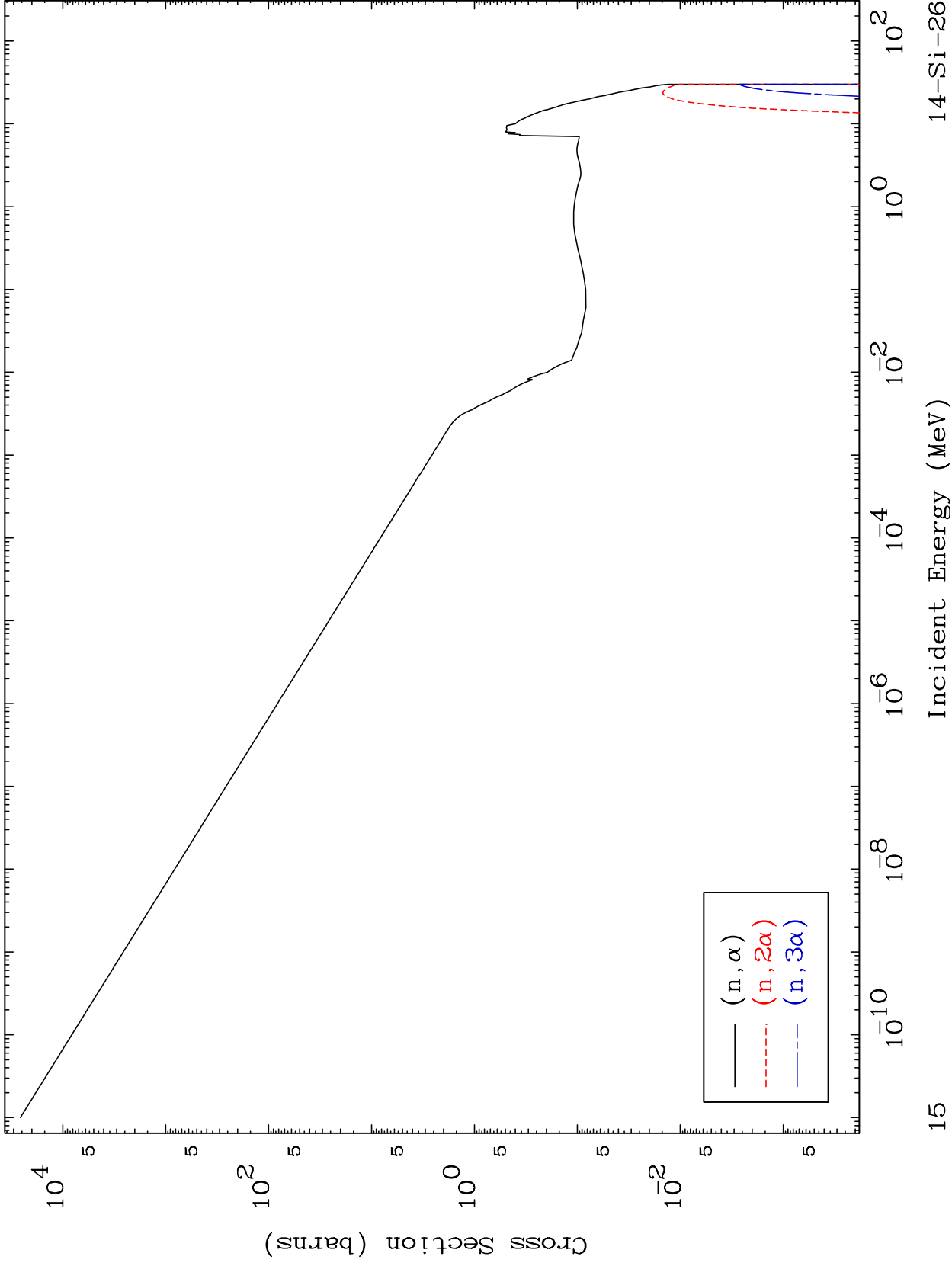
Incident Energy (MeV)

14-Si-26

MAT 1419

(n,α) Levels
293 Kelvin Cross Sections

14-Si-26

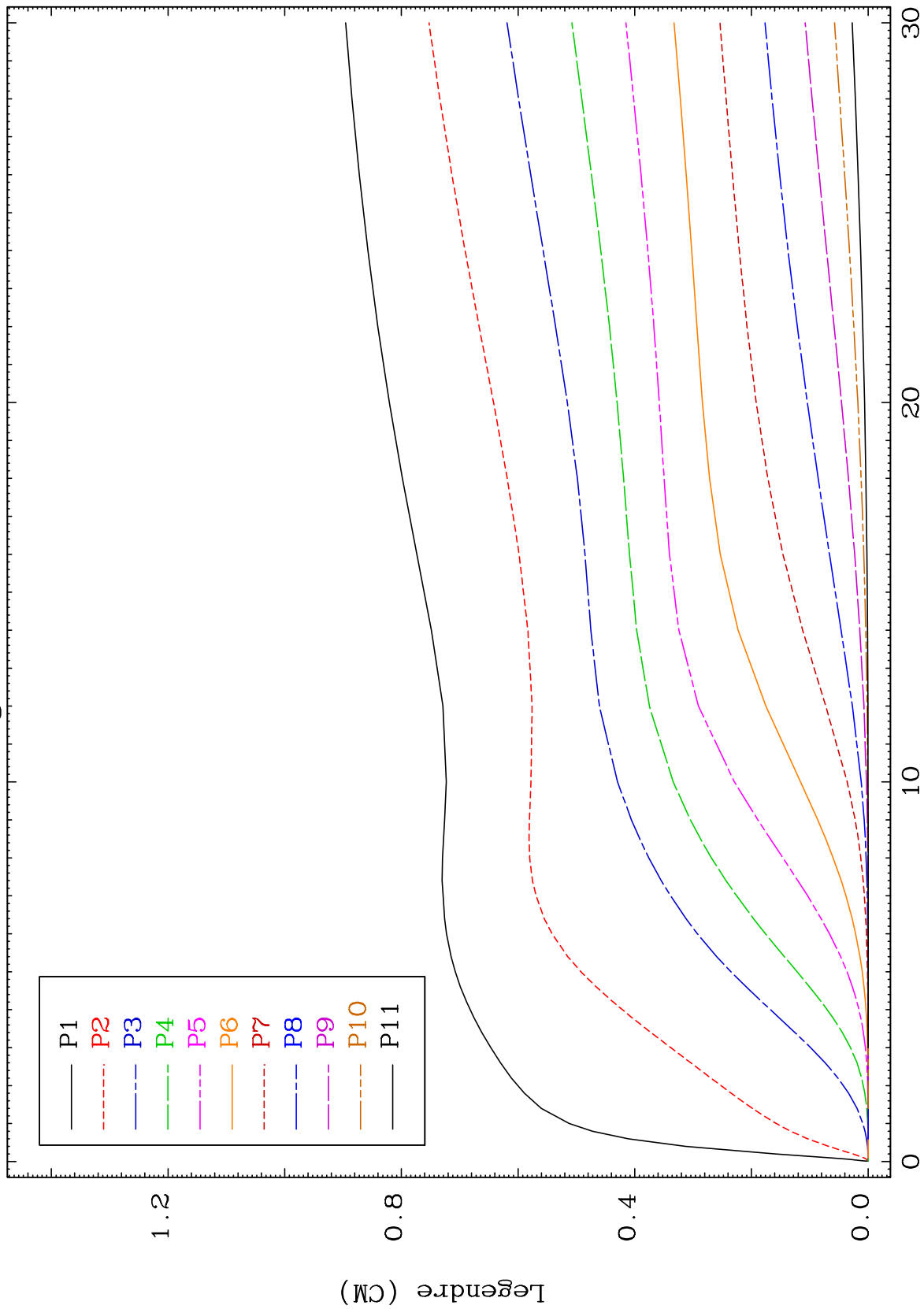


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MAT 1419

Elastic Legendre Coefficients

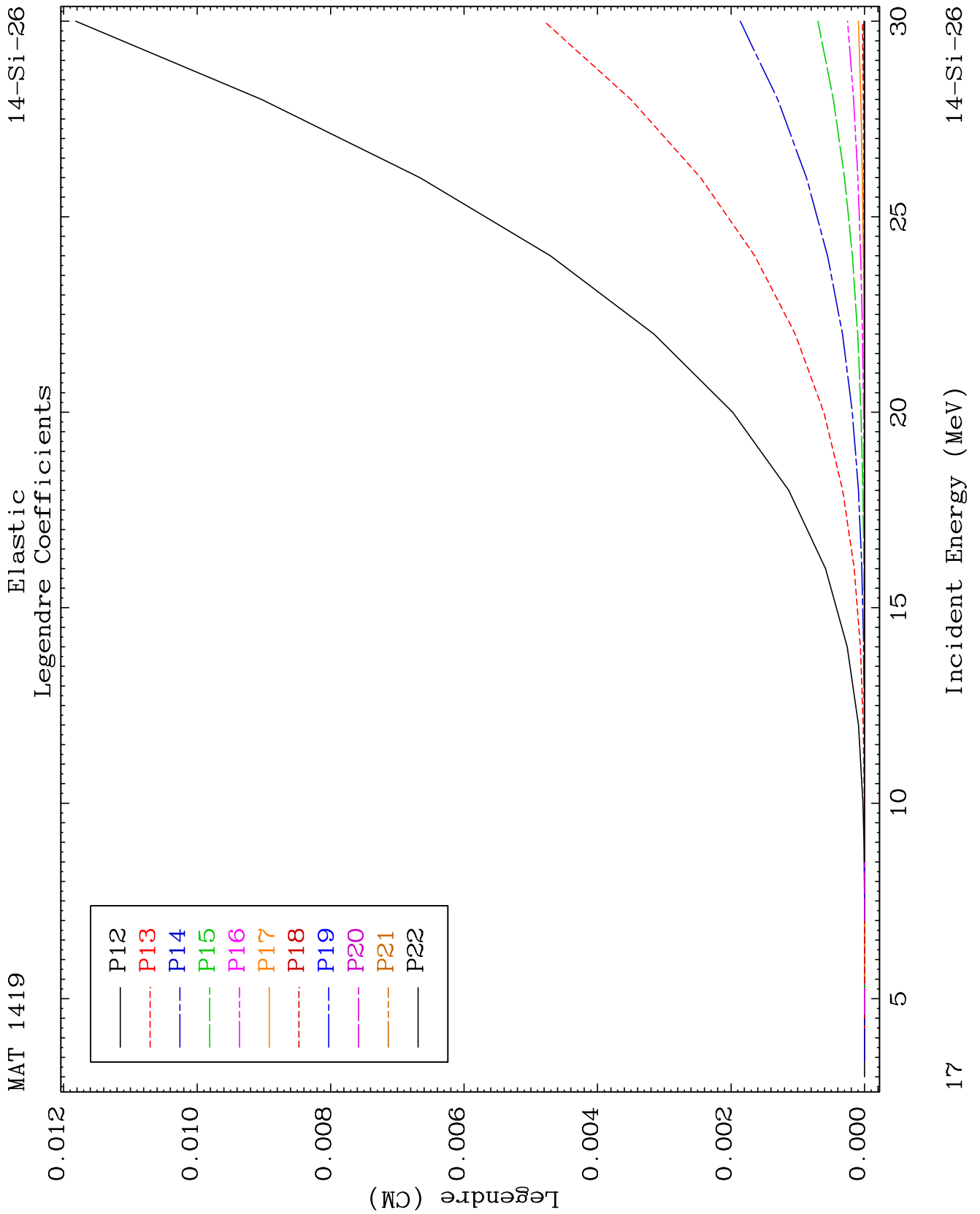
¹⁴Si-26



16

Incident Energy (MeV)

¹⁴Si-26

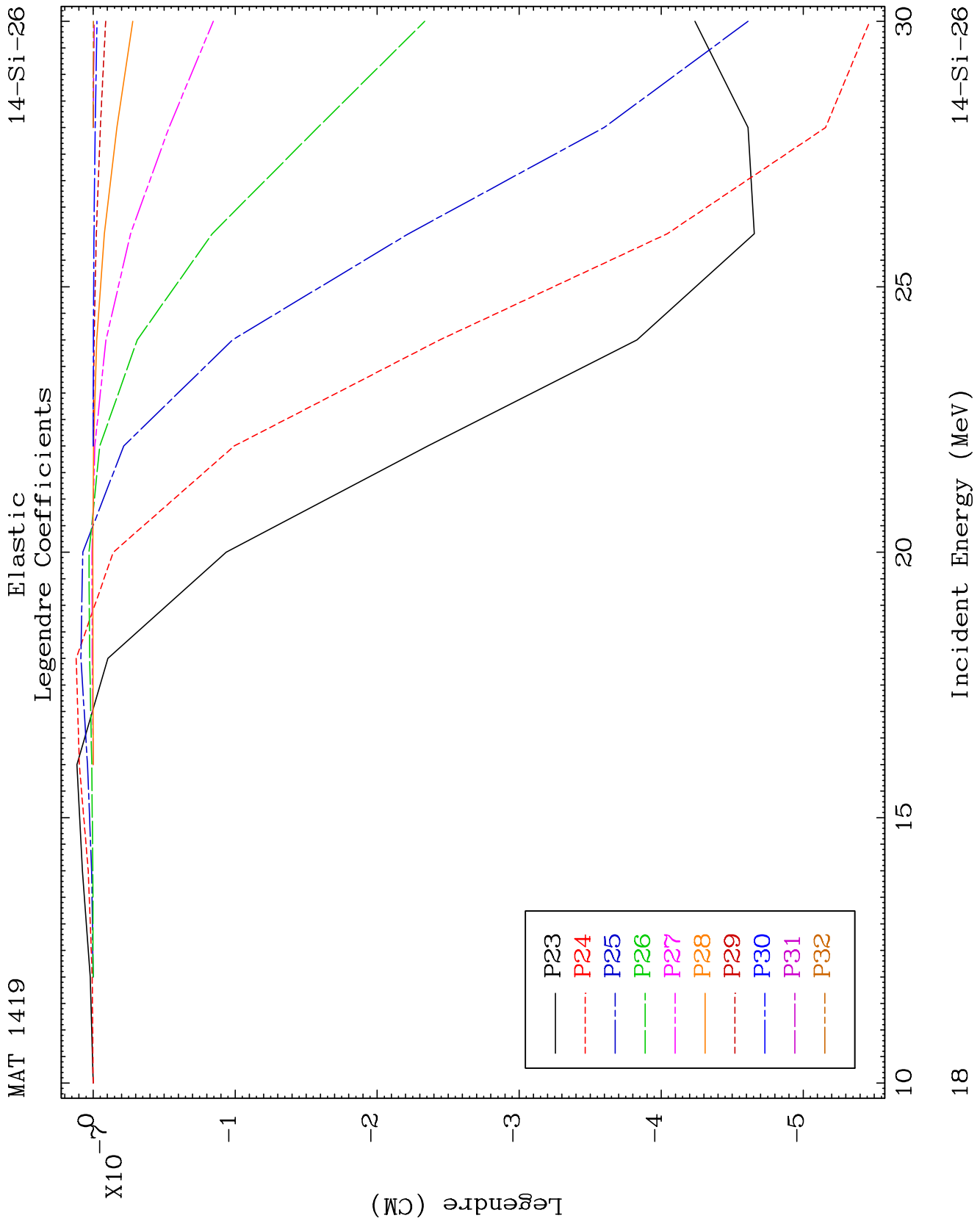


MAT 1419

14-Si-26

17

14-Si-26



MAT 1419

Elastic Legendre Coefficients

$^{14}\text{Si}-^{26}\text{Si}$

18

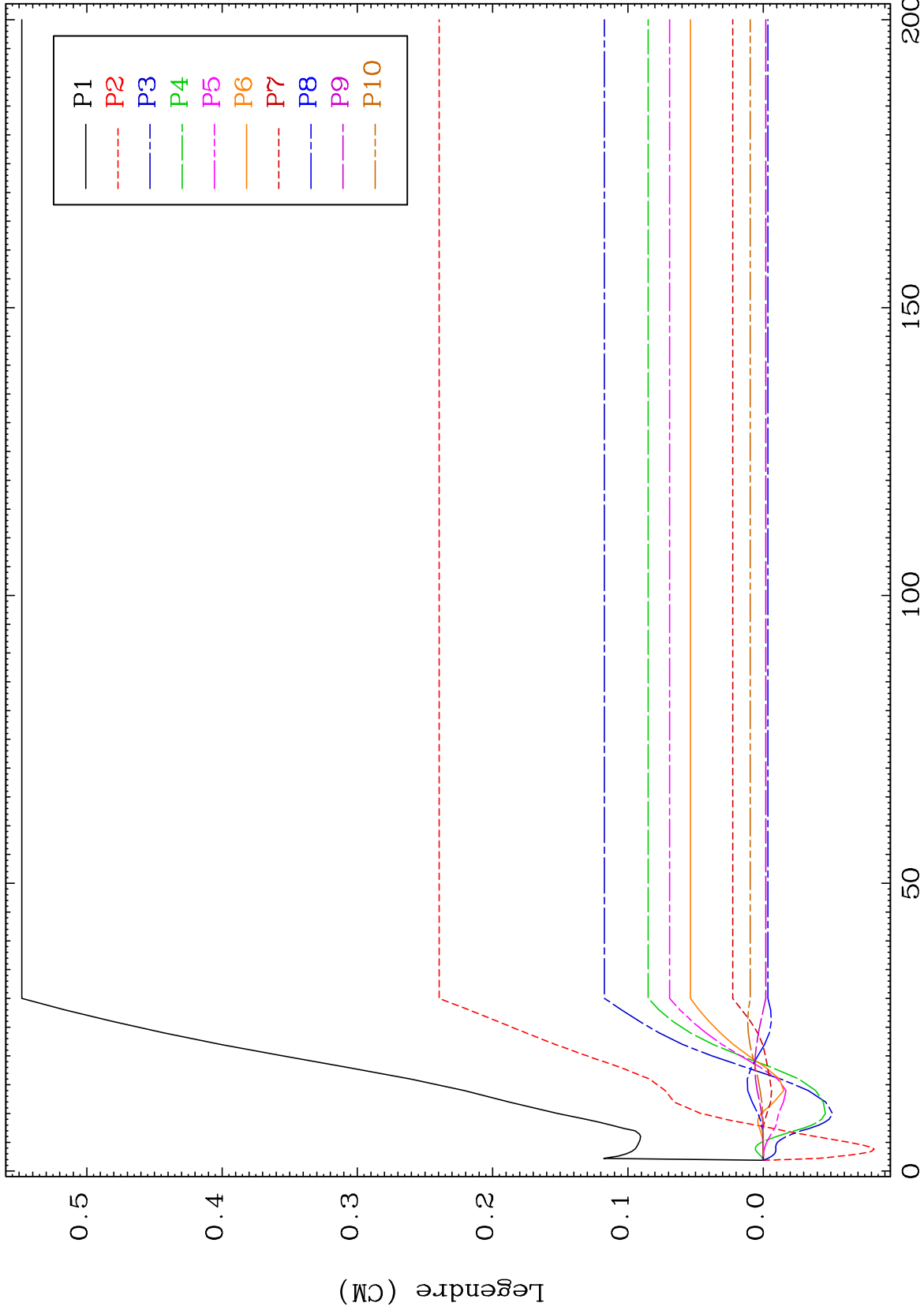
Incident Energy (MeV)

$^{14}\text{Si}-^{26}\text{Si}$

MAT 1419

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

14-Si-26



0

50

100

150

200

14-Si-26

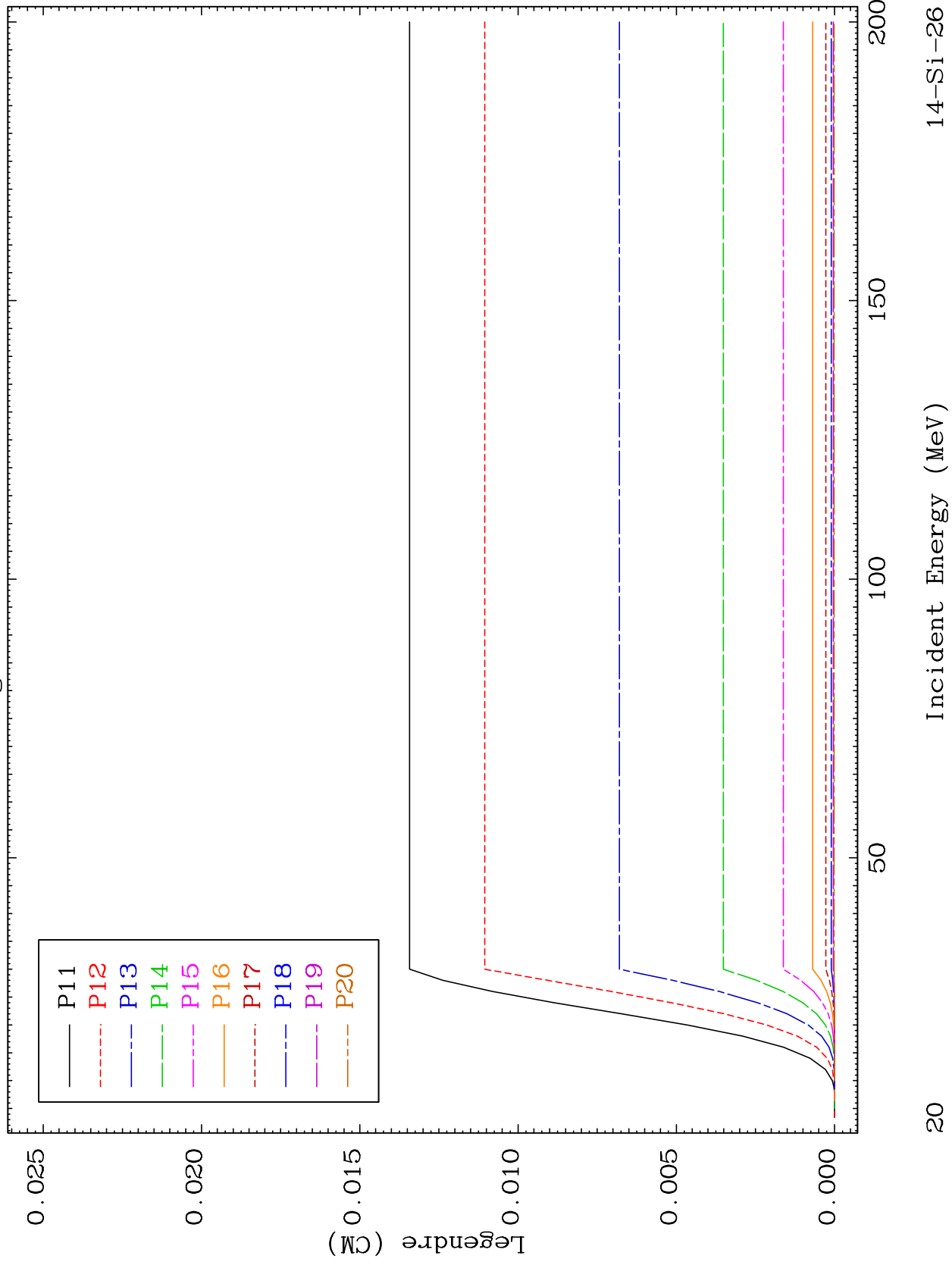
Incident Energy (MeV)

19

MAT 1419

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

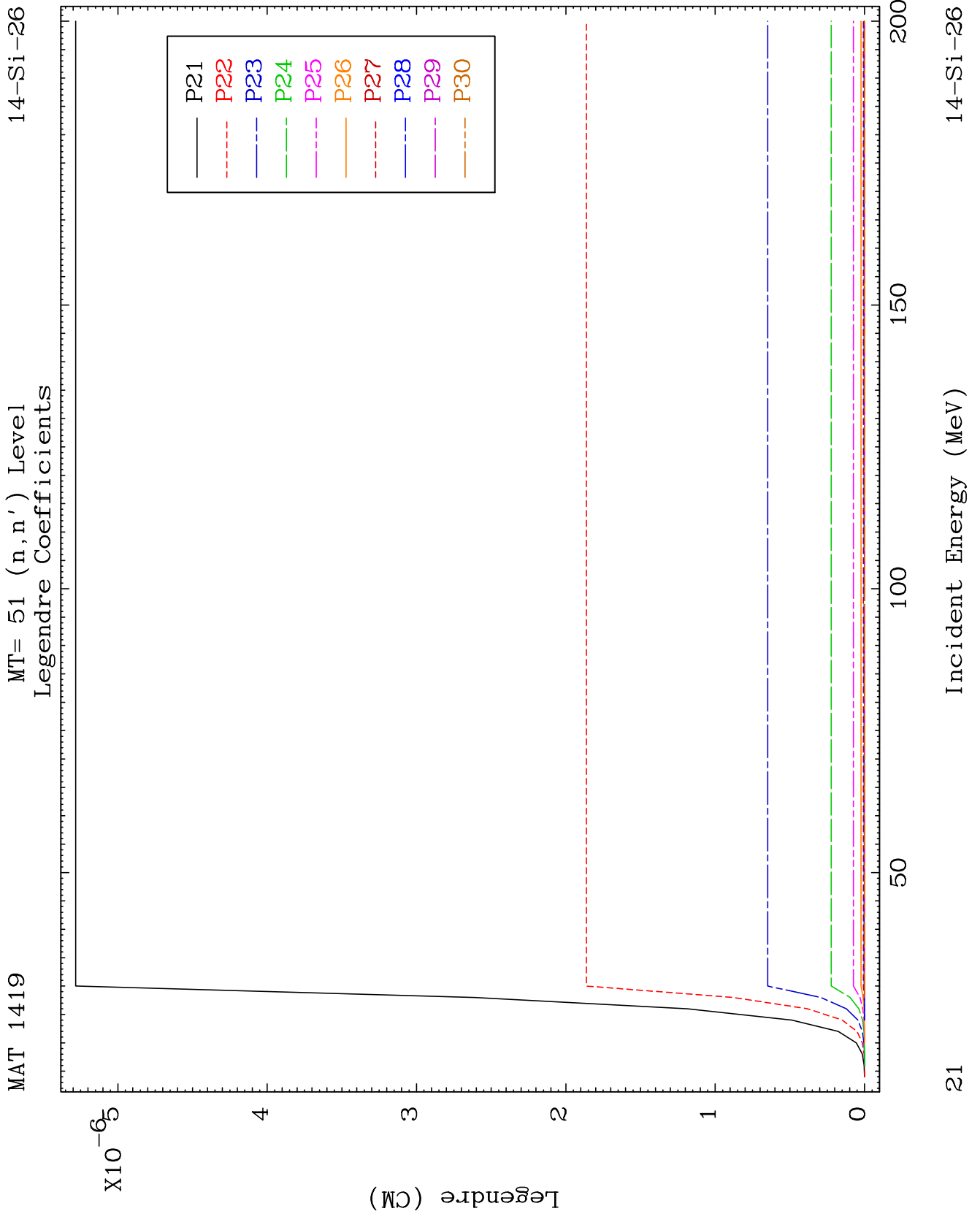
14-Si-26



14-Si-26

Incident Energy (MeV)

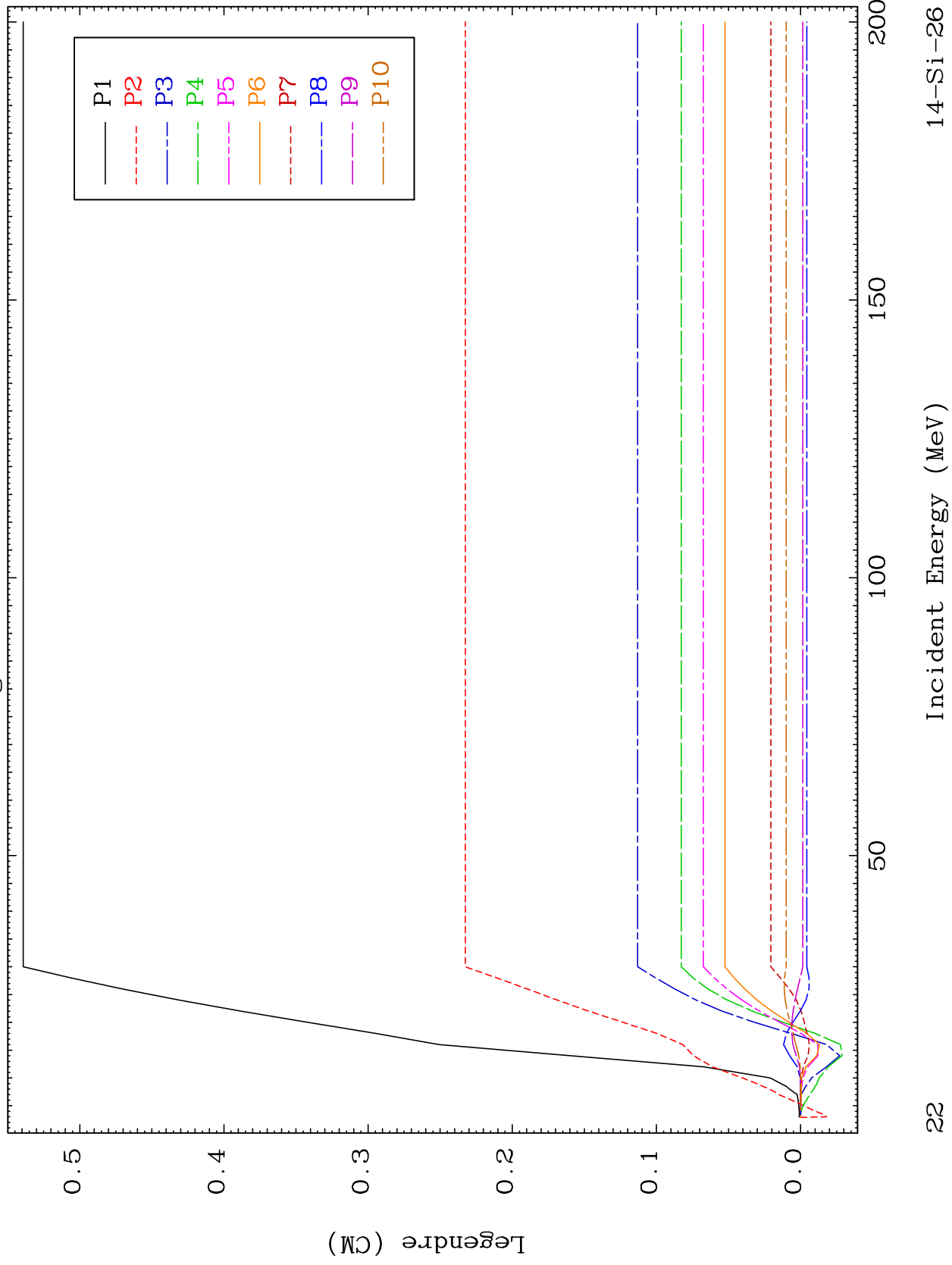
20



MAT 1419

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

14-Si-26



22

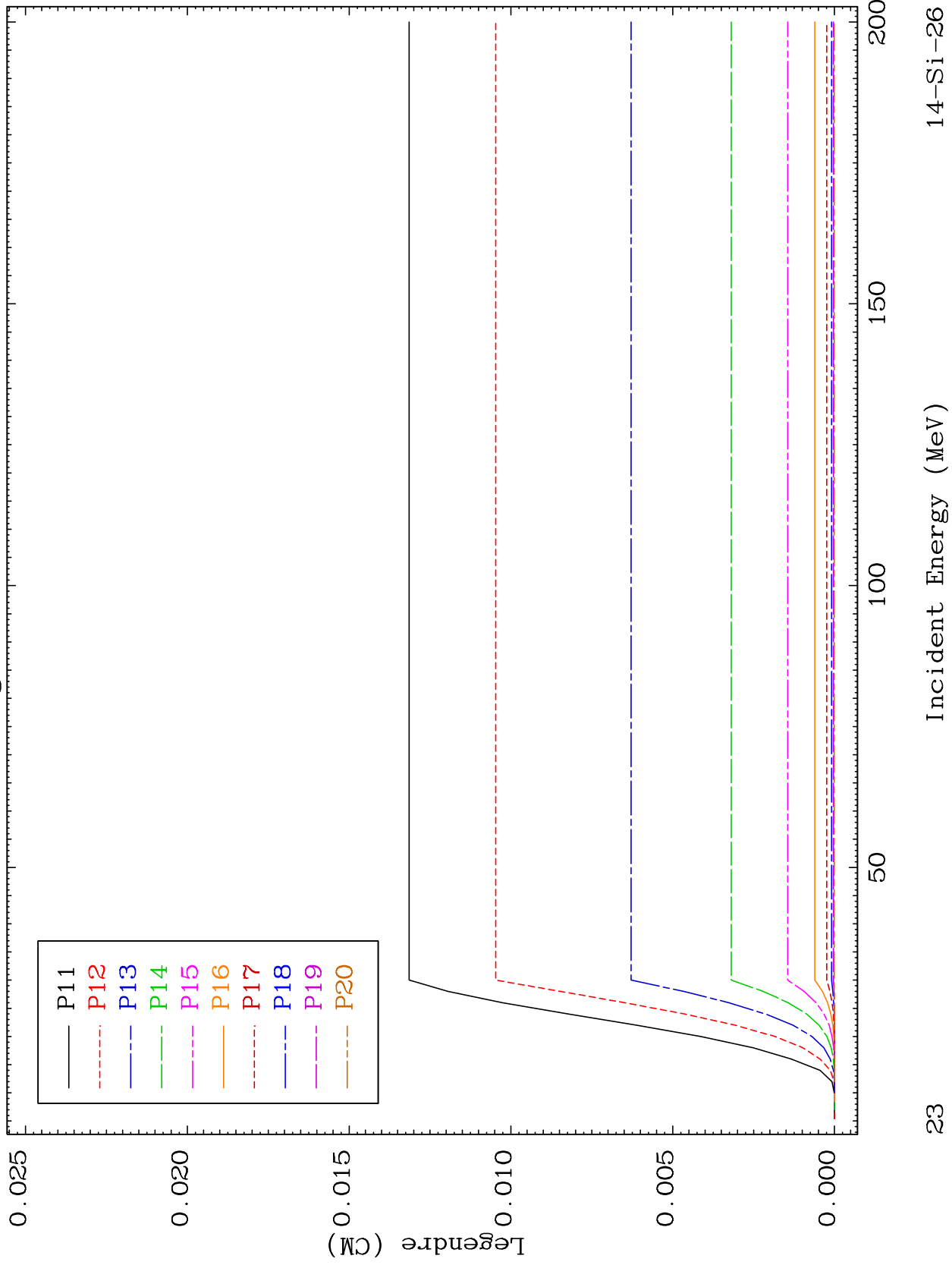
Incident Energy (MeV)

14-Si-26

MAT 1419

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

14-Si-26

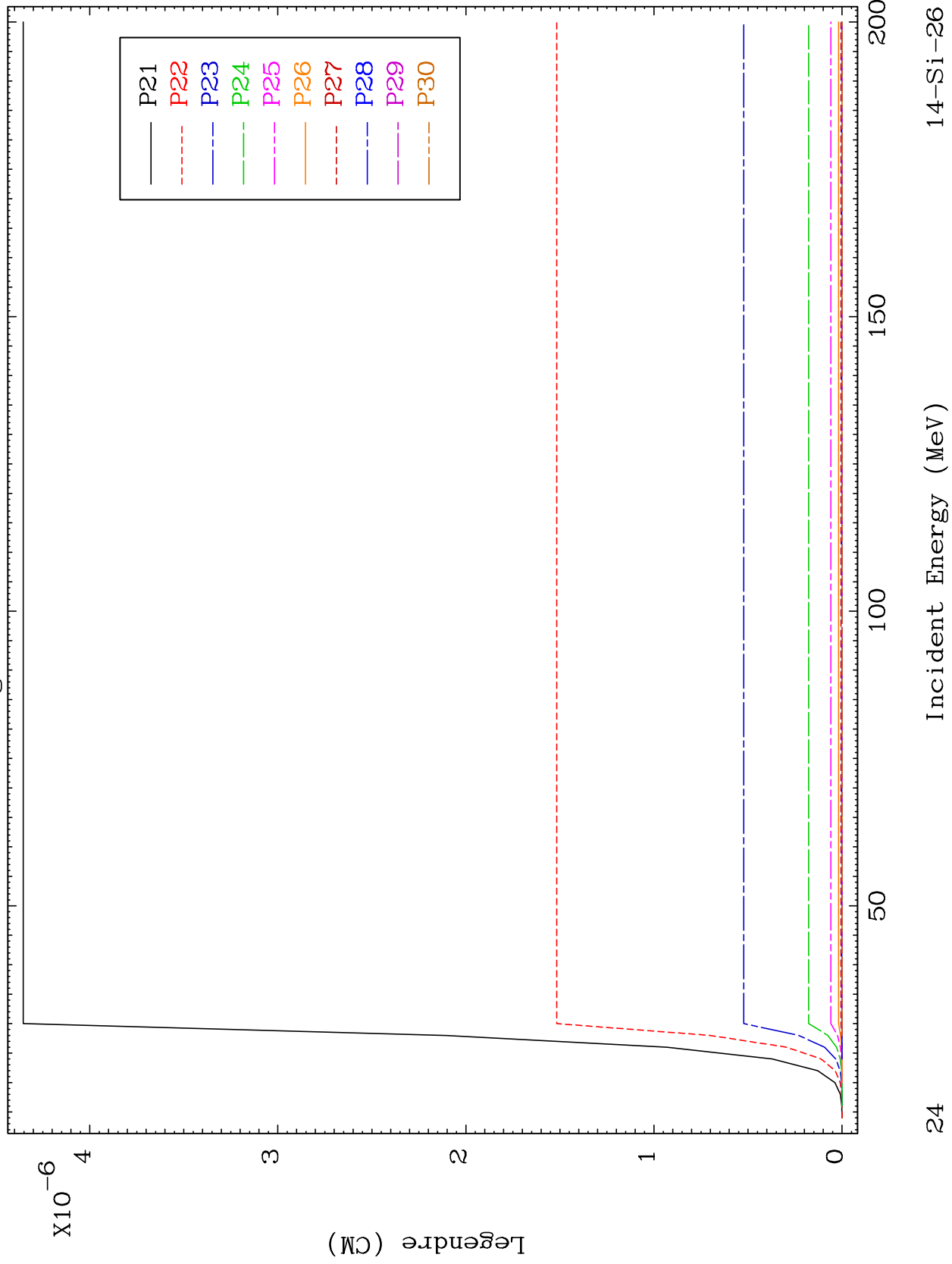


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MAT 1419

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

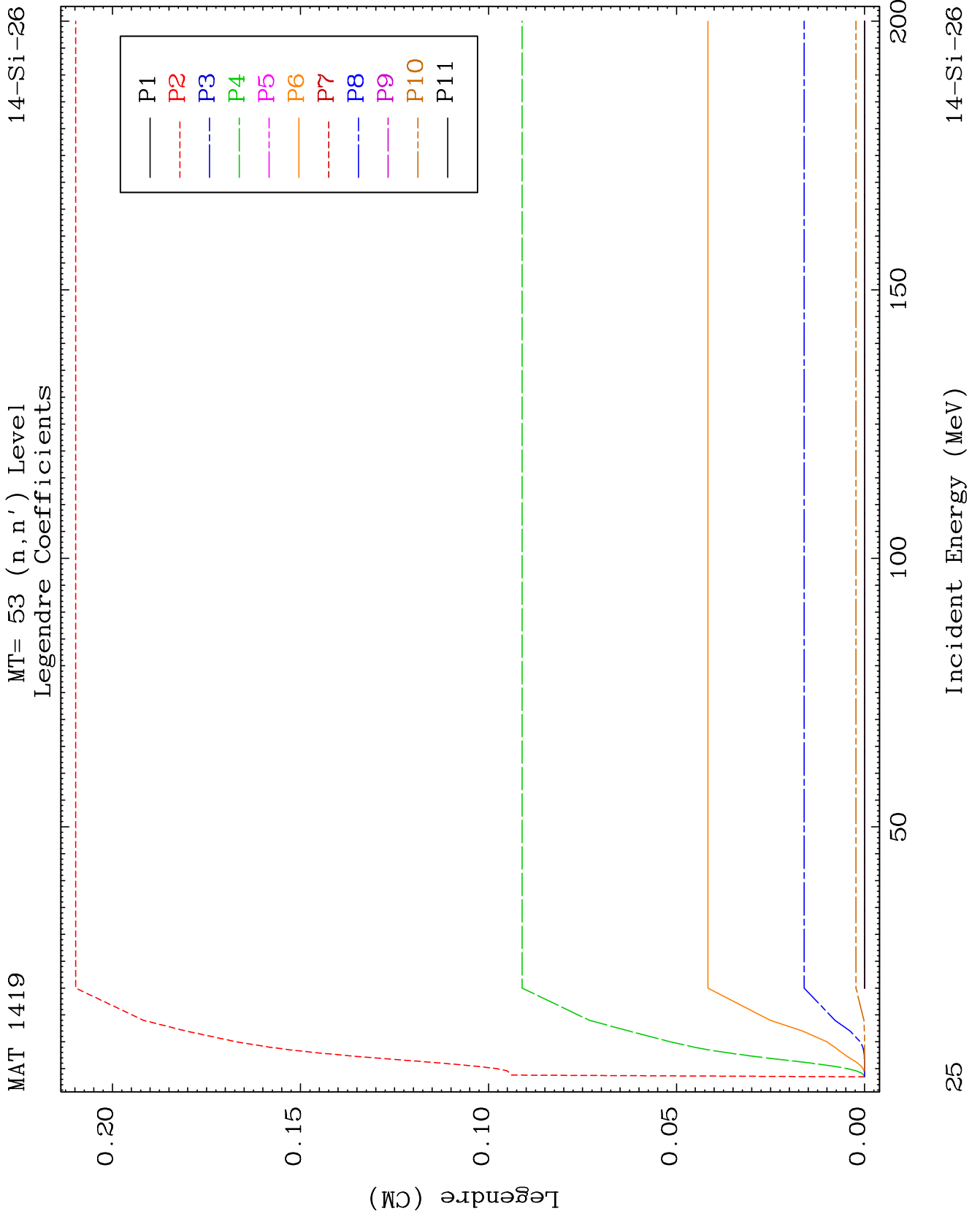
14-Si-26



24

Incident Energy (MeV)

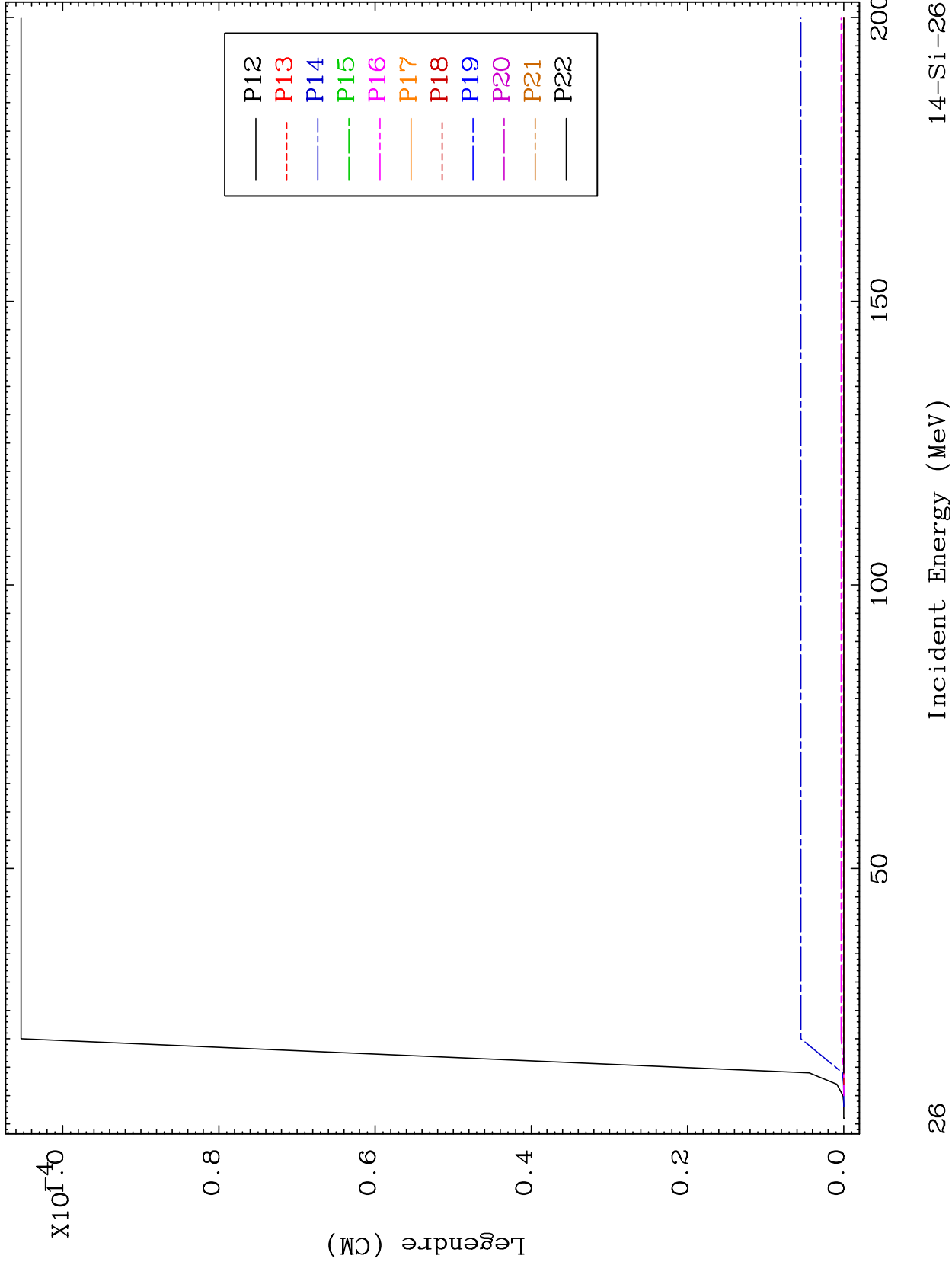
14-Si-26



MAT 1419

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

14-Si-26



26

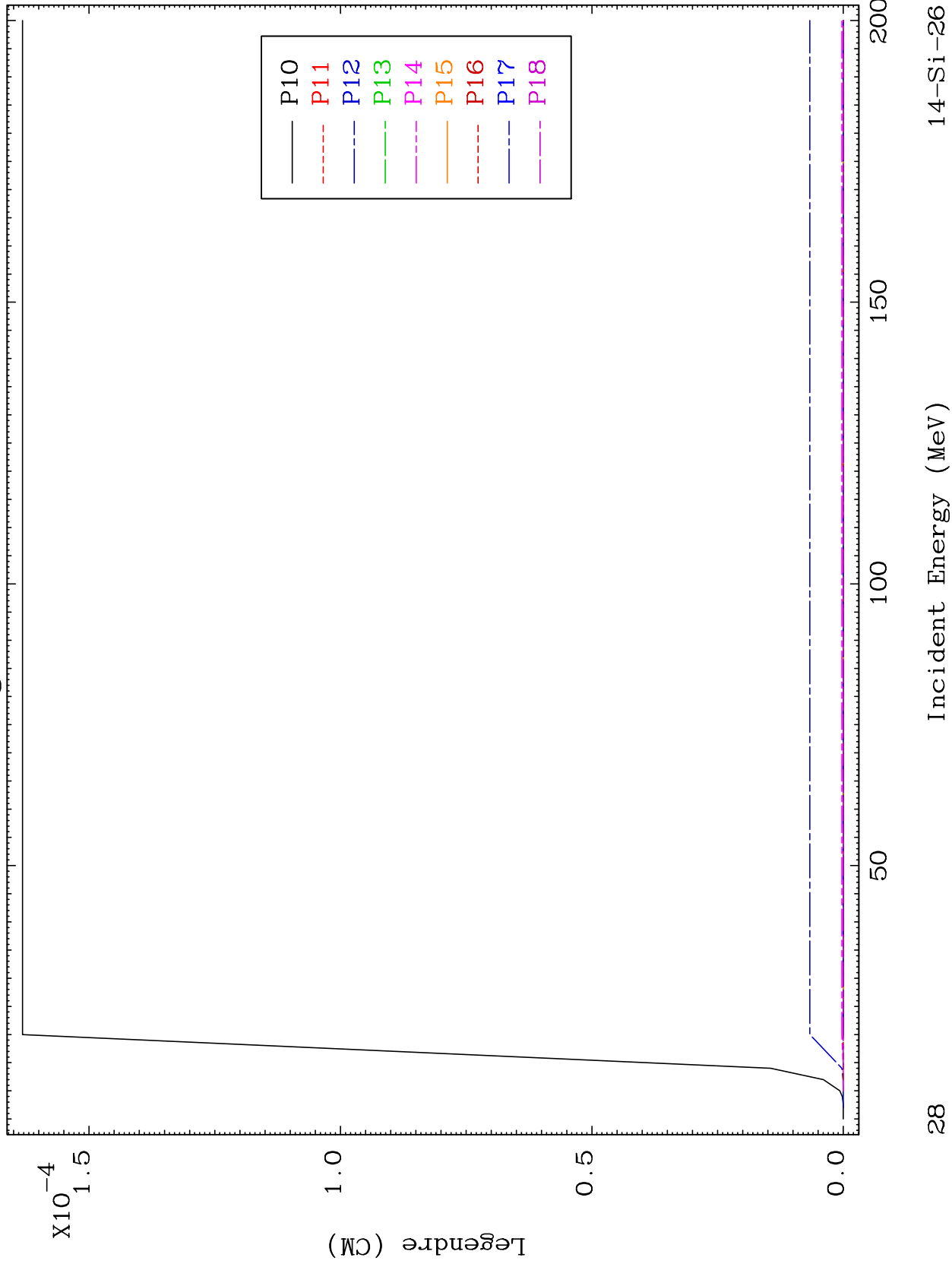
Incident Energy (MeV)

14-Si-26

MAT 1419

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

14-Si-26



28

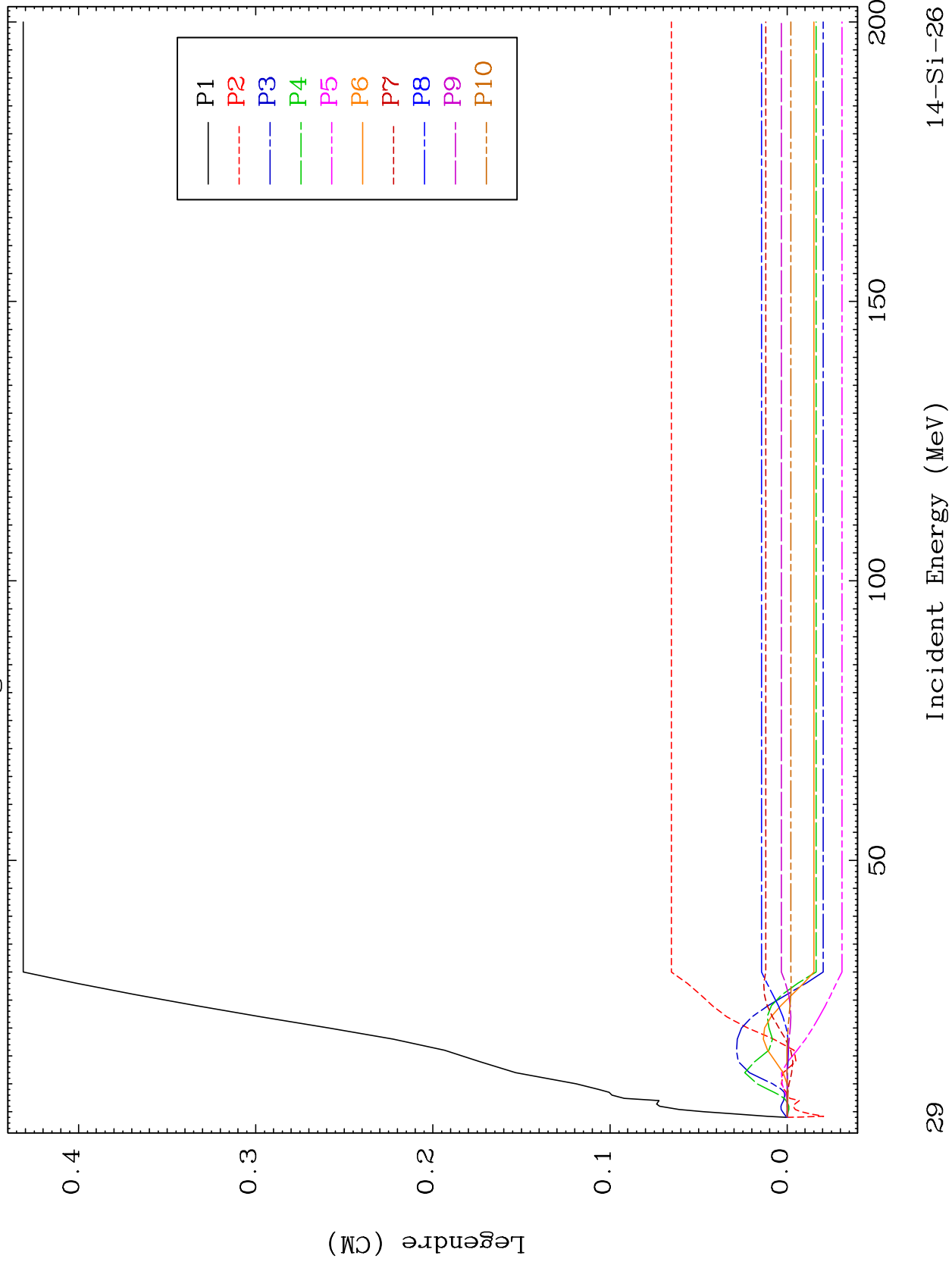
Incident Energy (MeV)

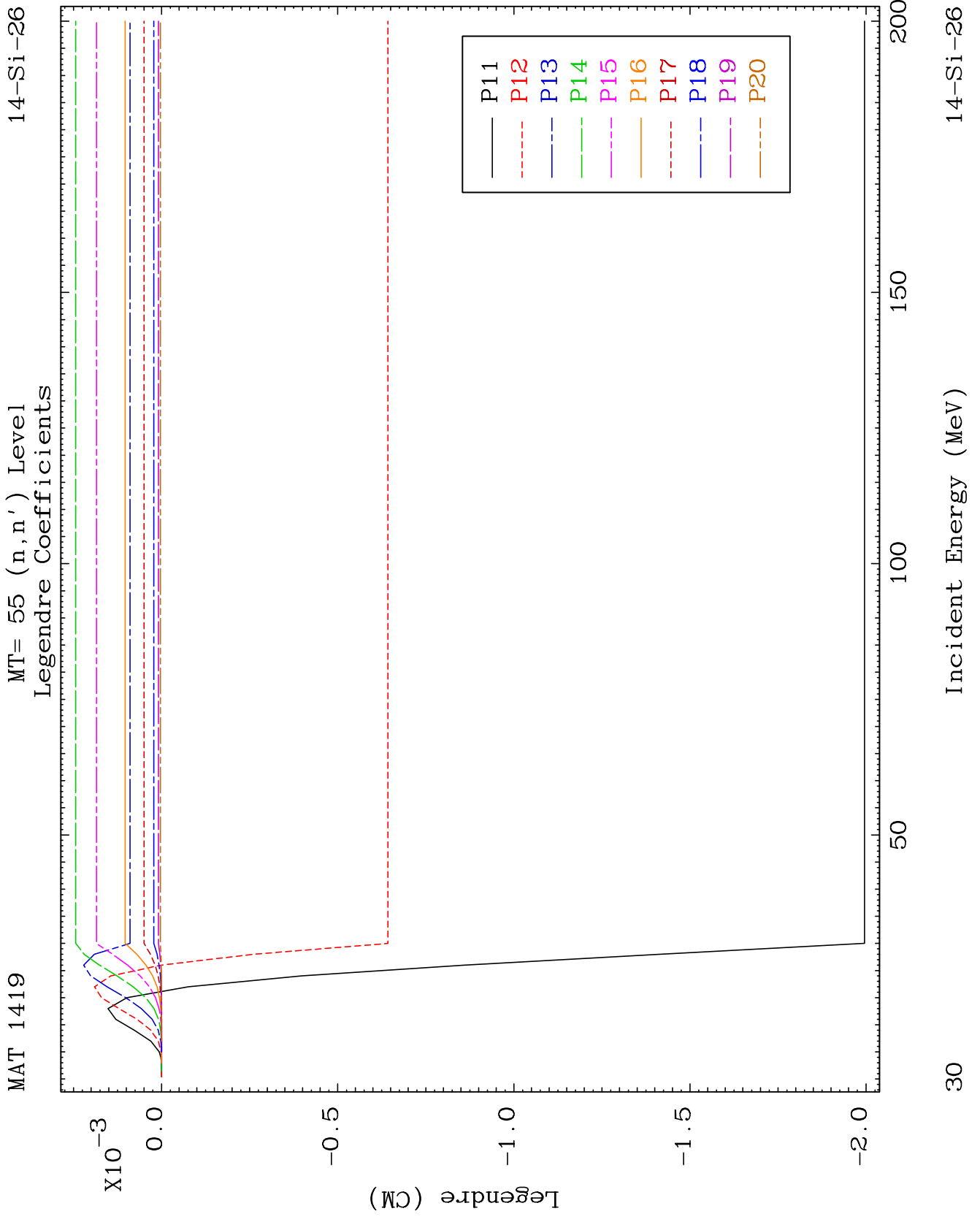
14-Si-26

MAT 1419

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

¹⁴Si-26

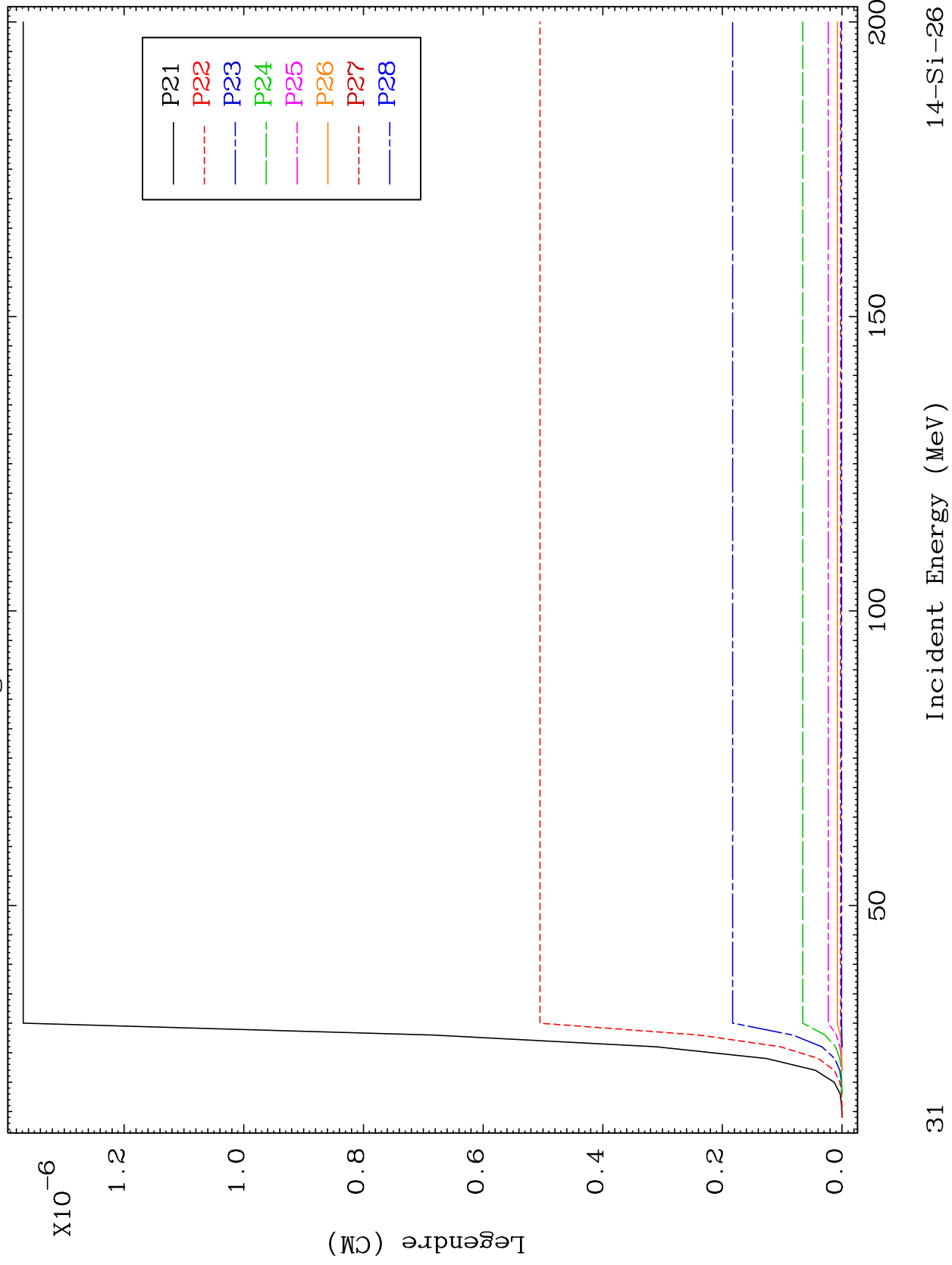




MAT 1419

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

14-Si-26

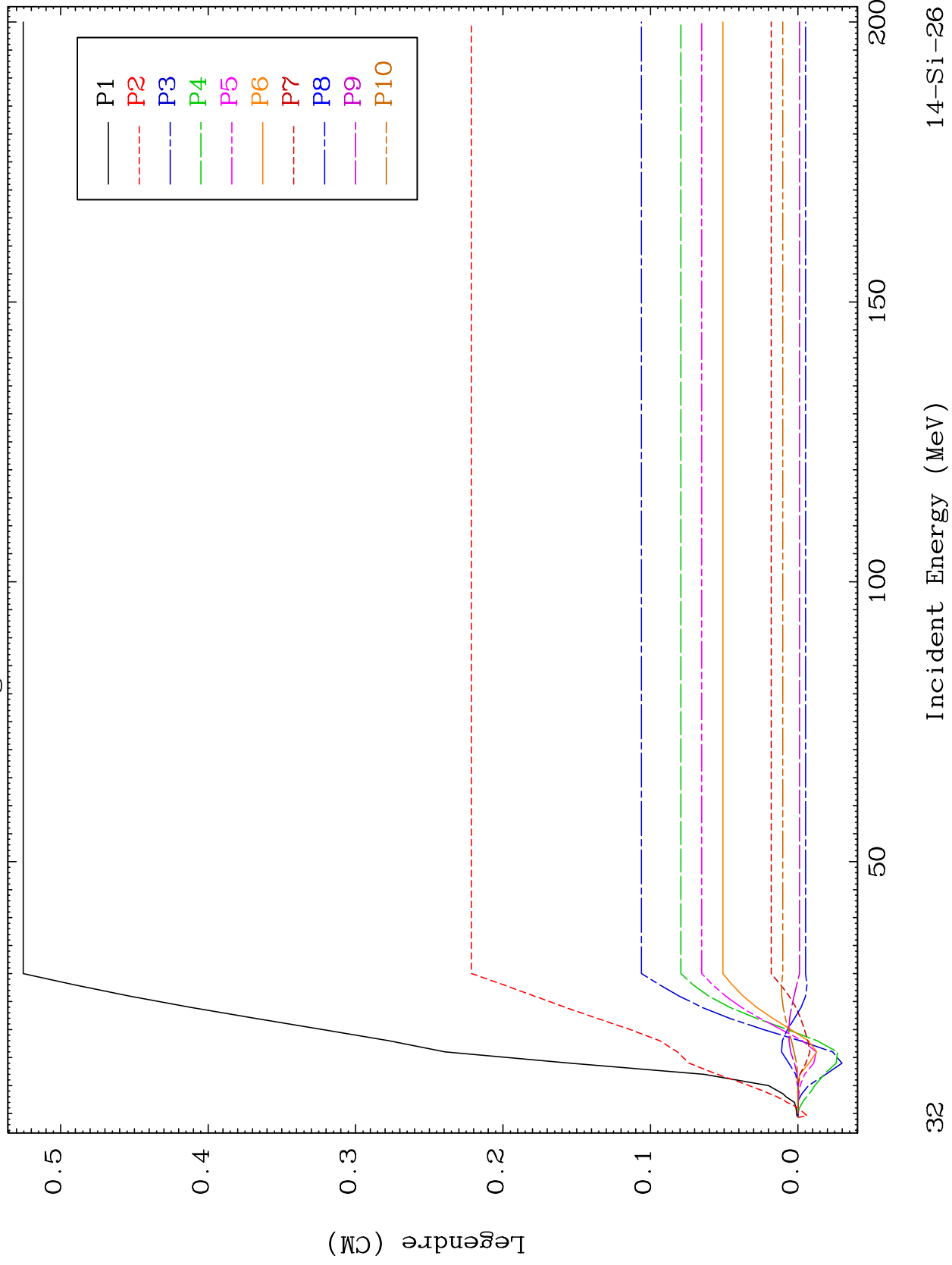


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MAT 1419

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

¹⁴Si-26



32

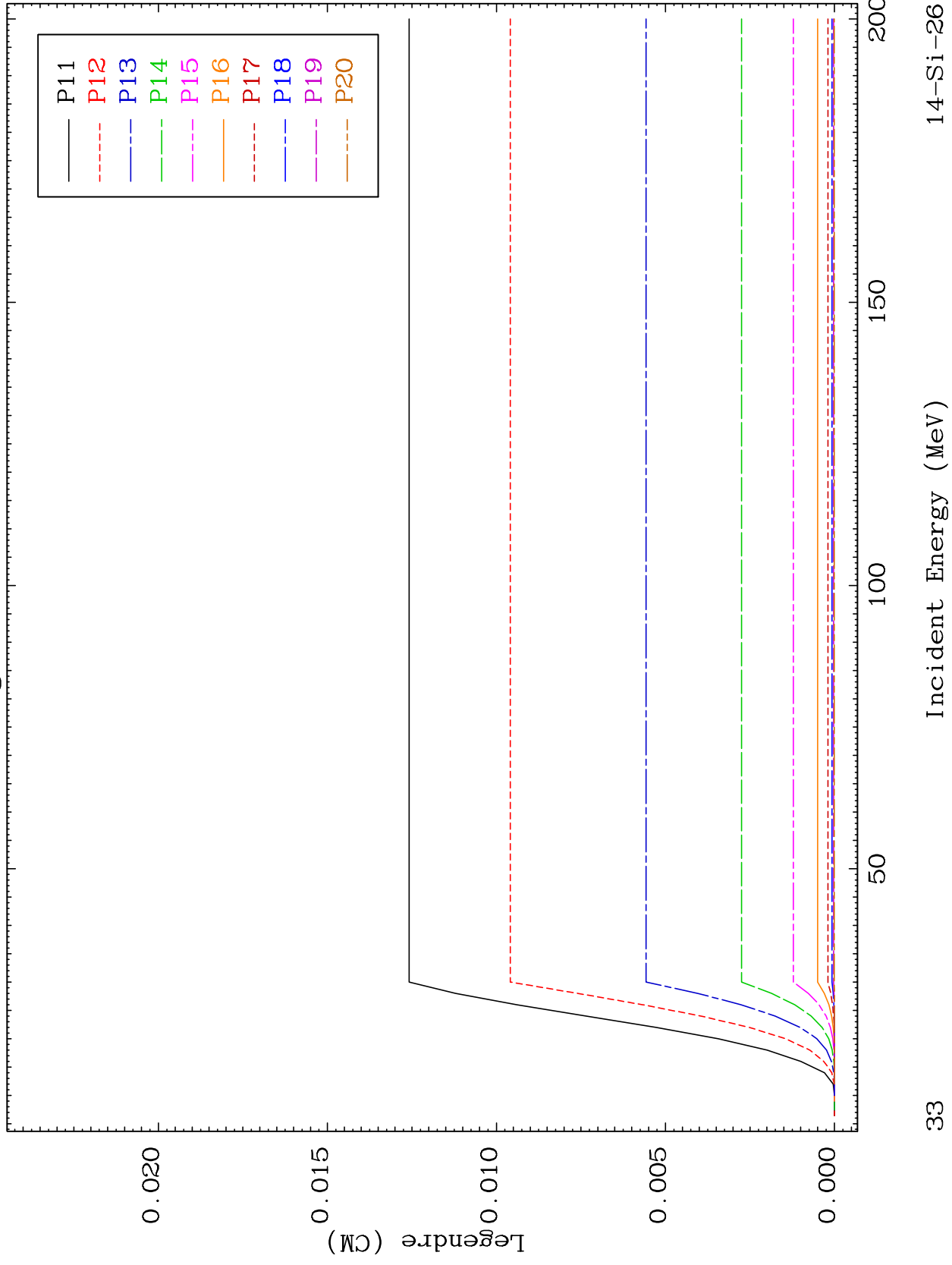
Incident Energy (MeV)

¹⁴Si-26

MAT 1419

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

14-Si-26



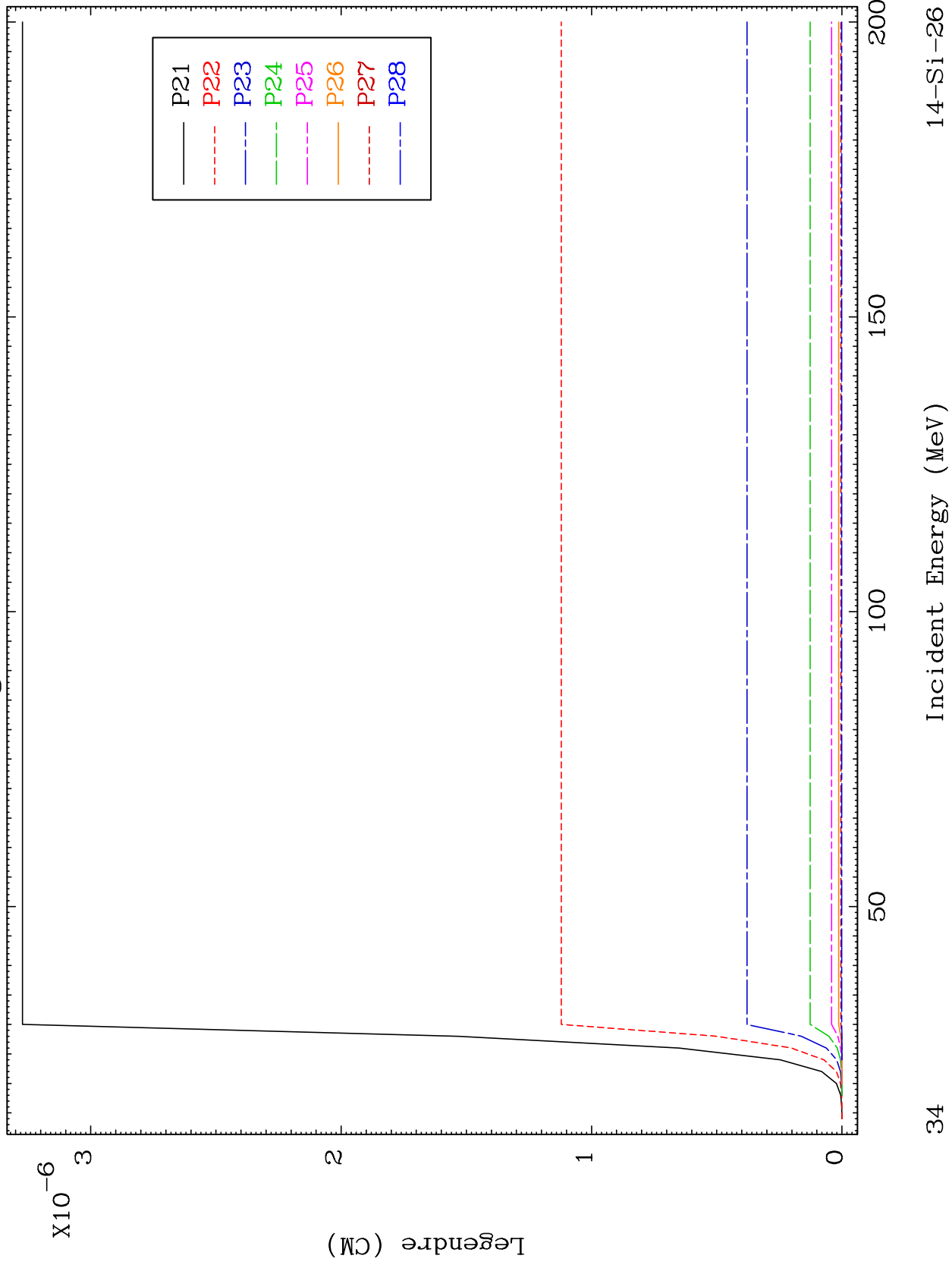
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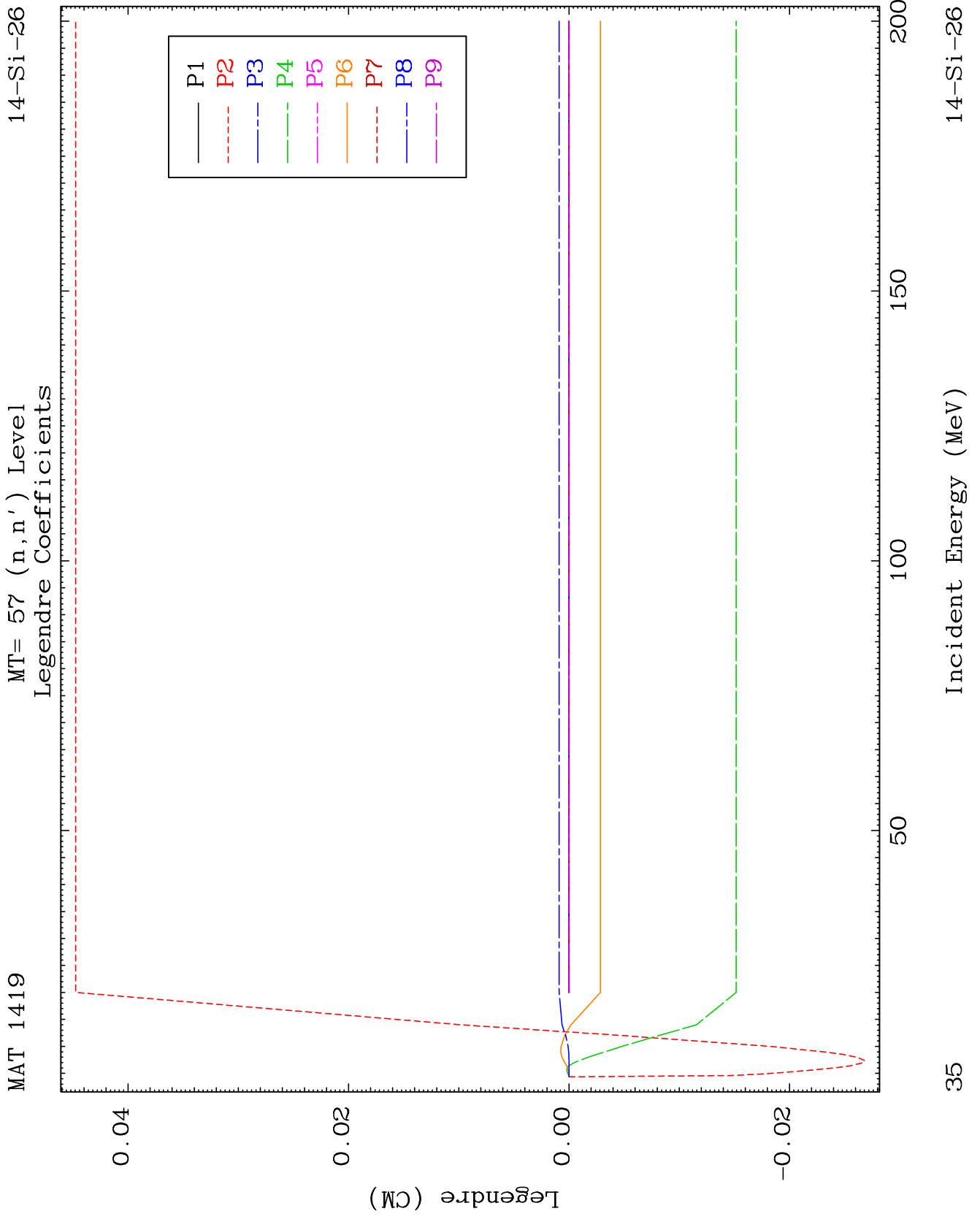
14-Si-26

MAT 1419

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

14-Si-26

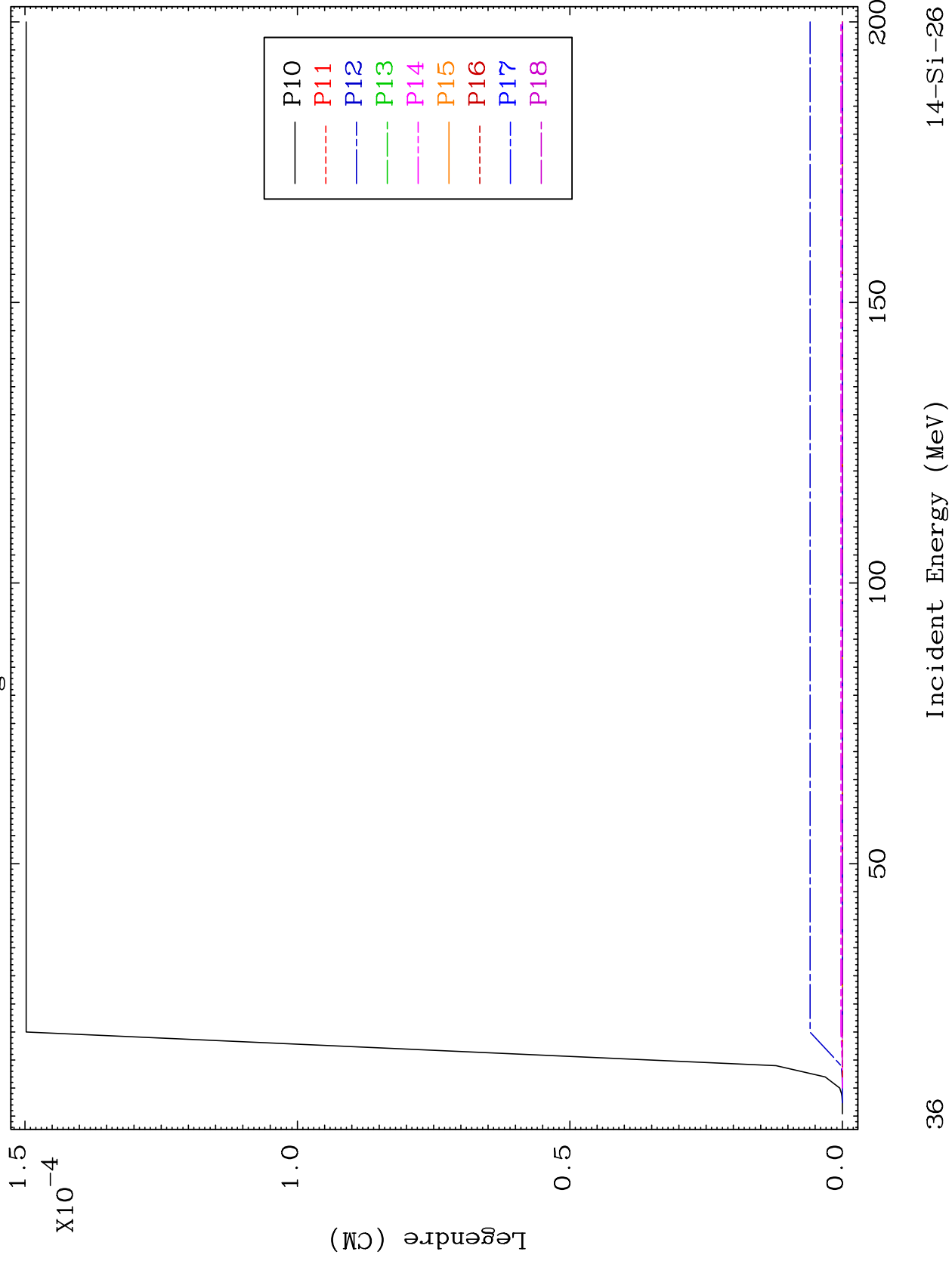




MAT 1419

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

14-Si-26



36

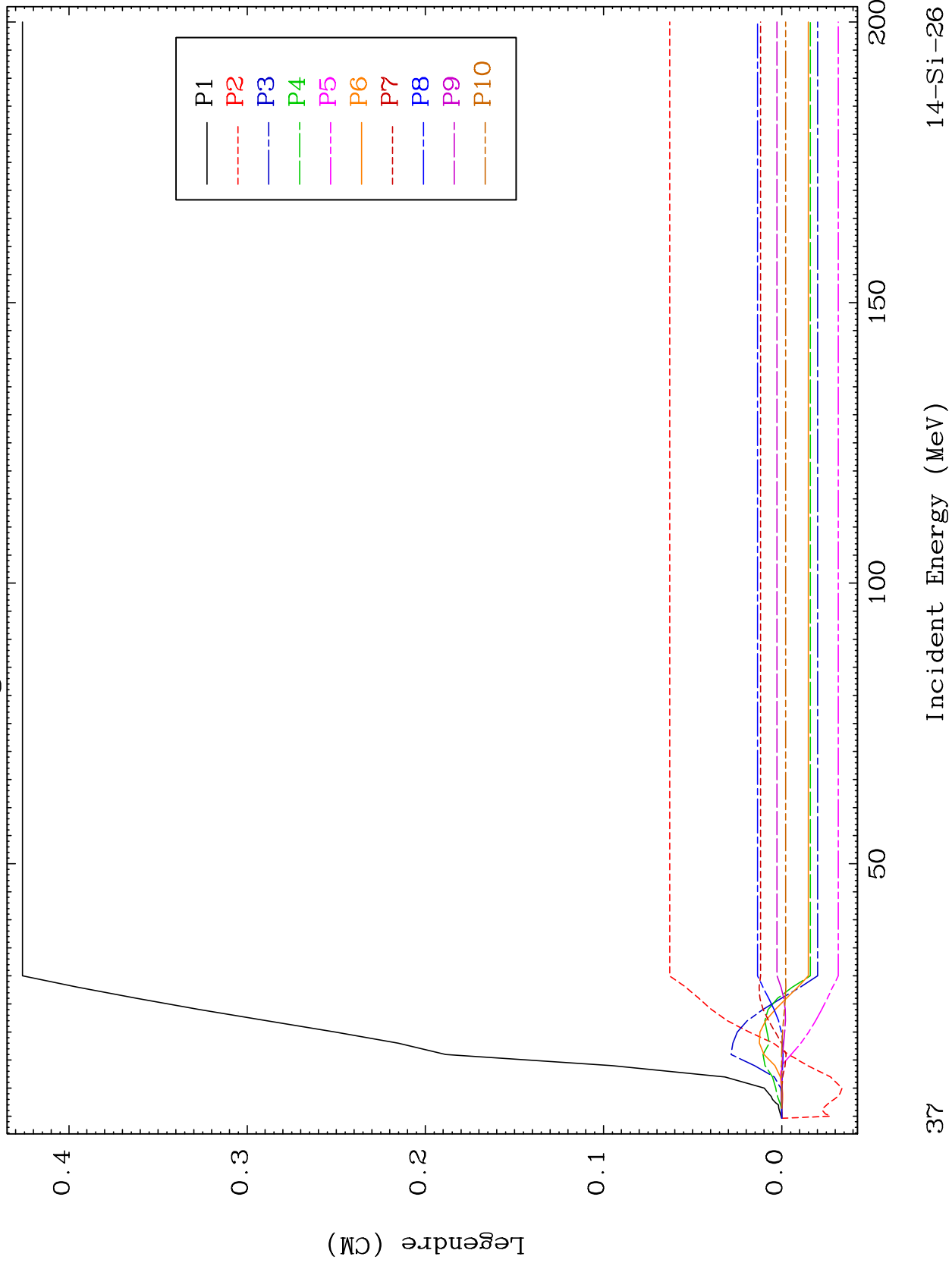
Incident Energy (MeV)

14-Si-26

MAT 1419

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

14-Si-26



37

Incident Energy (MeV)

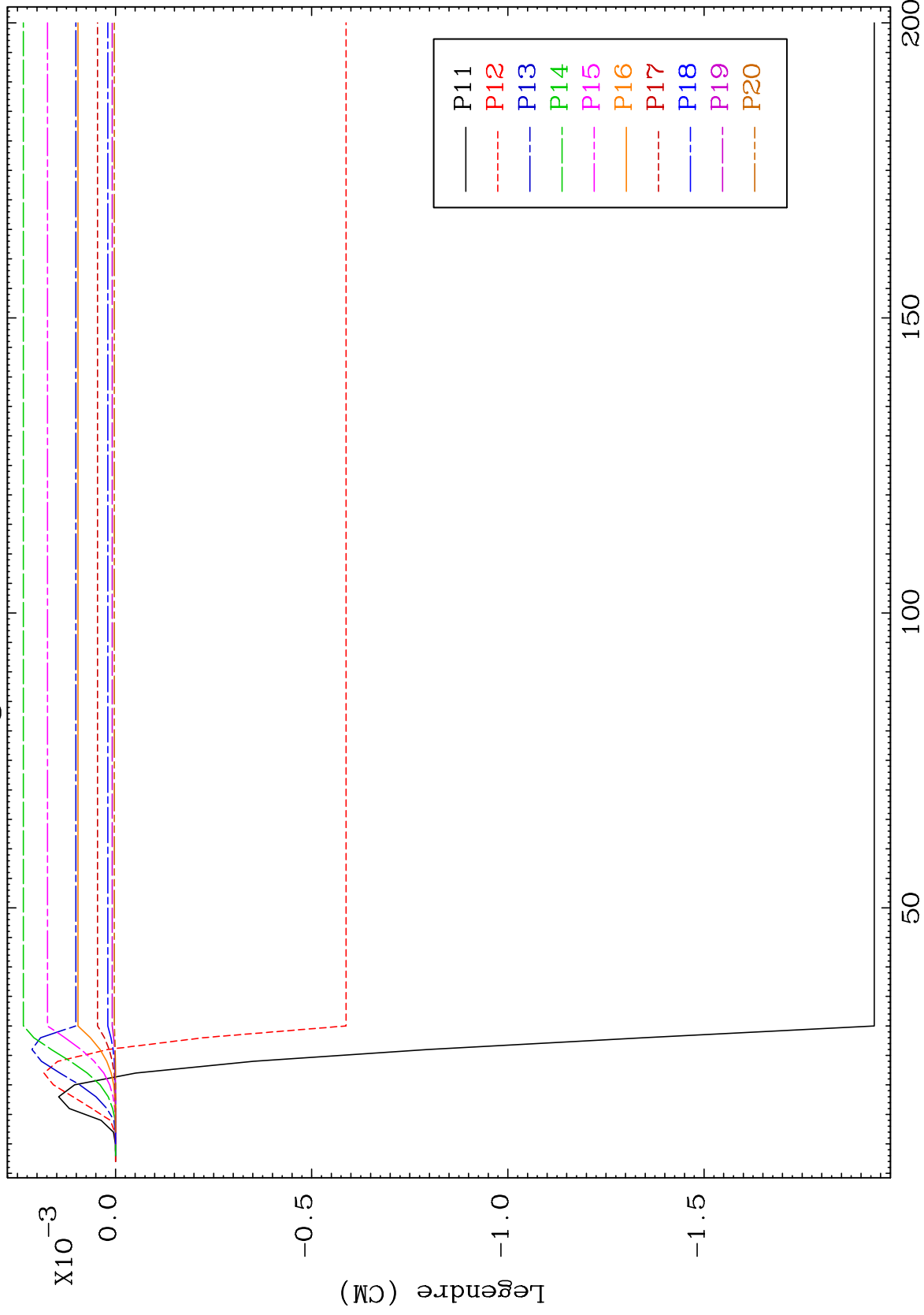
14-Si-26

MAT 1419

MT= 58 (n,n') Level

14-Si-26

Legendre Coefficients



38

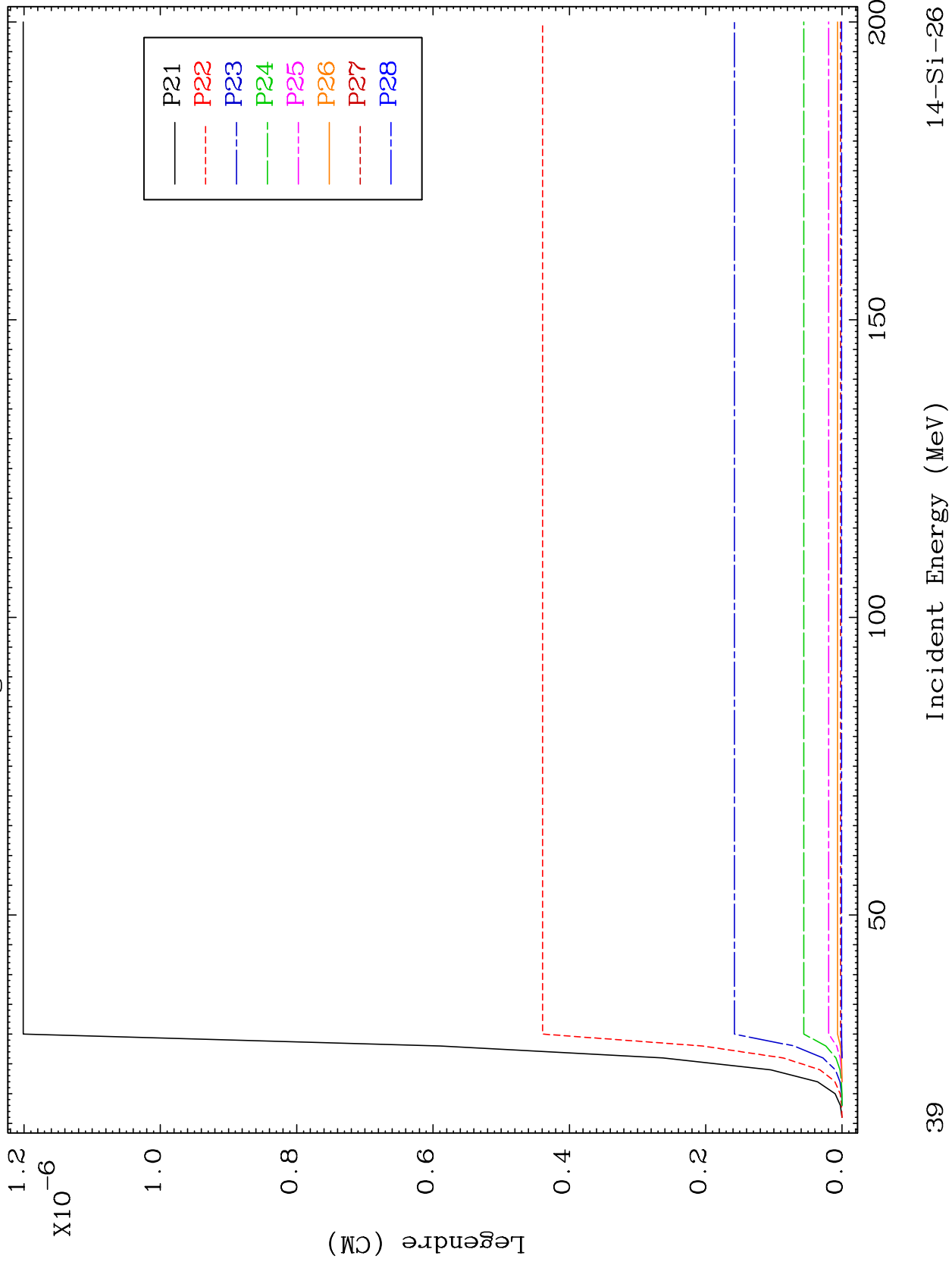
Incident Energy (MeV)

14-Si-26

MAT 1419

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

14-Si-26



39

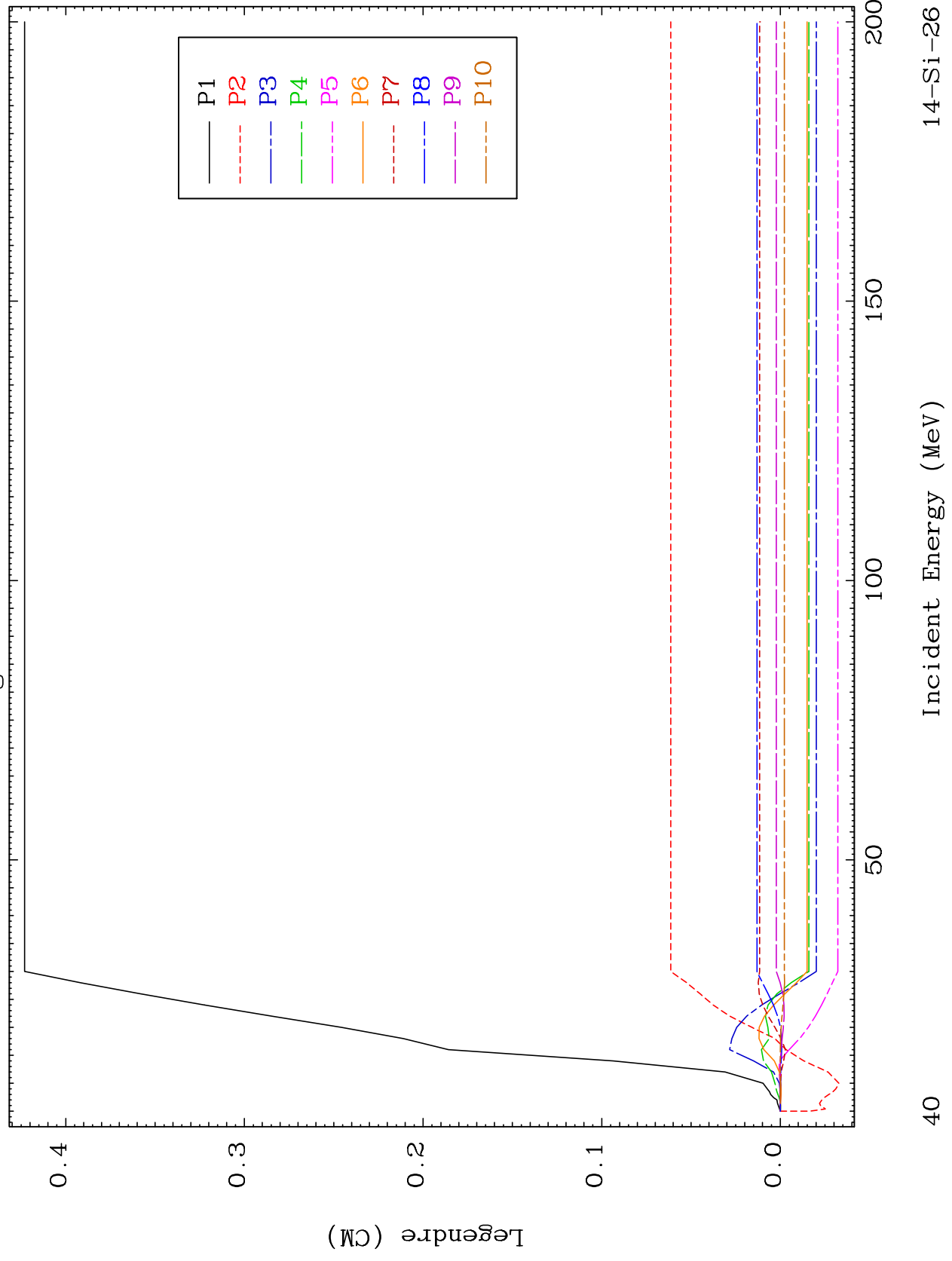
Incident Energy (MeV)

14-Si-26

MAT 1419

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

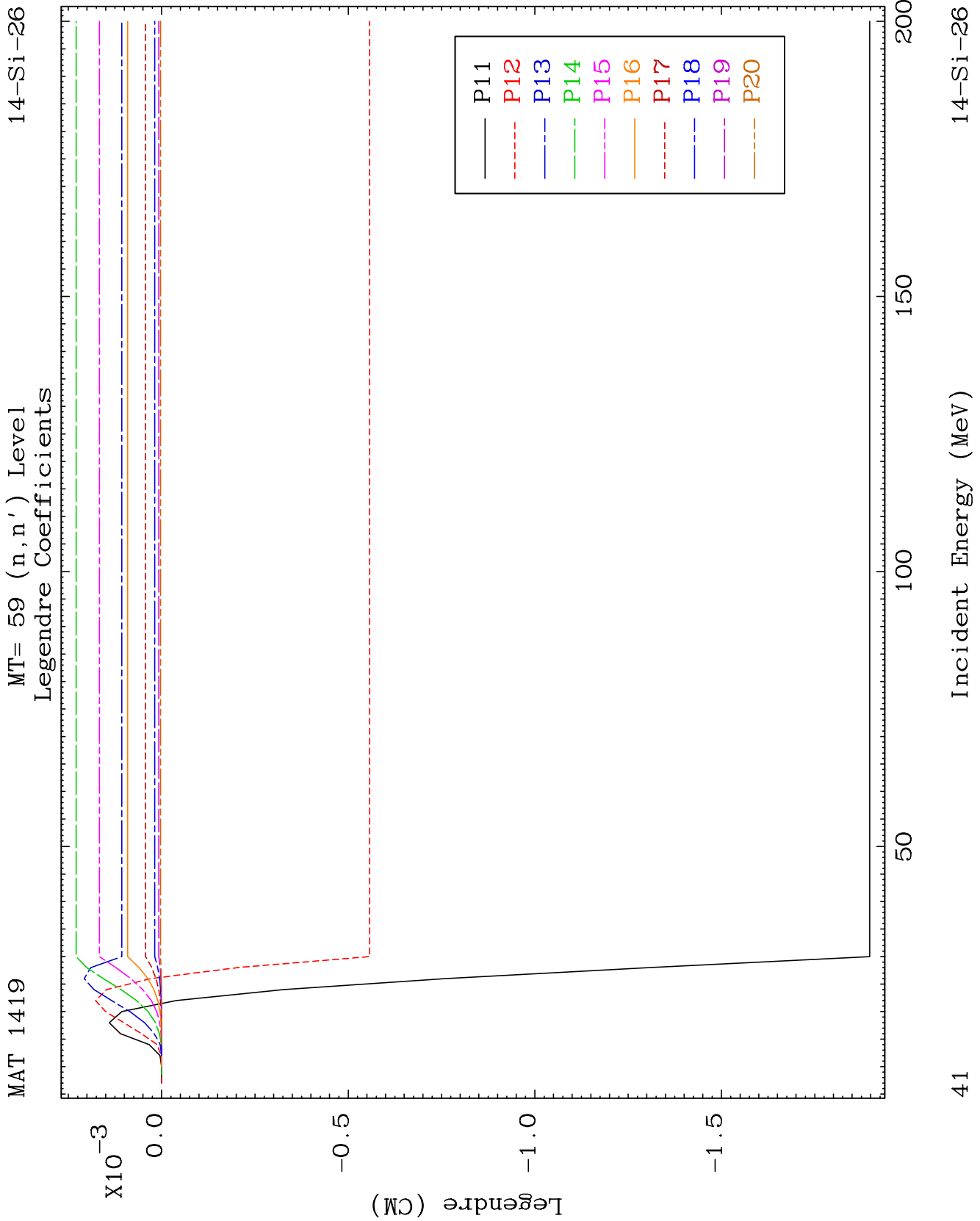
¹⁴Si-26



¹⁴Si-26

Incident Energy (MeV)

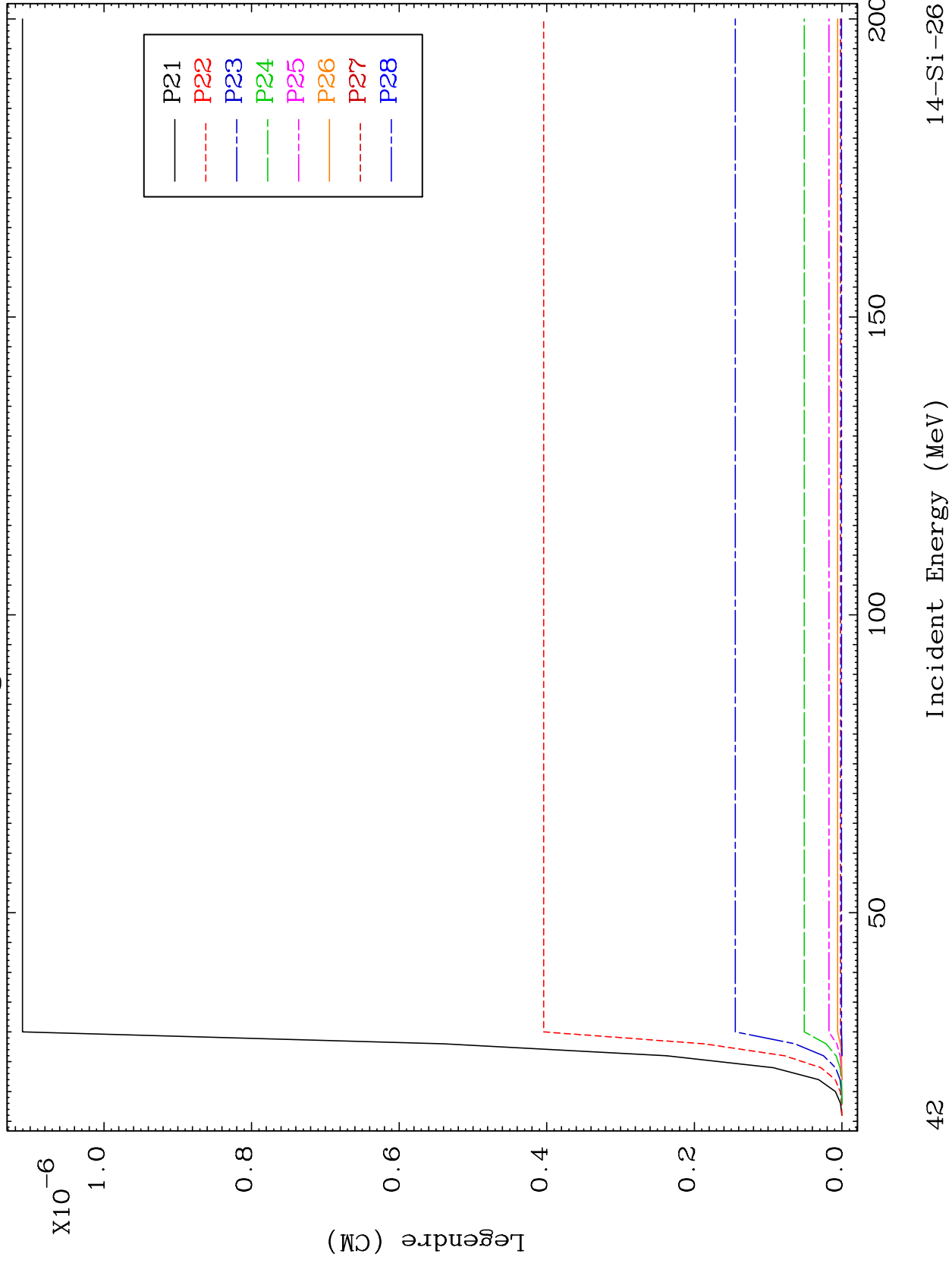
40



MAT 1419

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

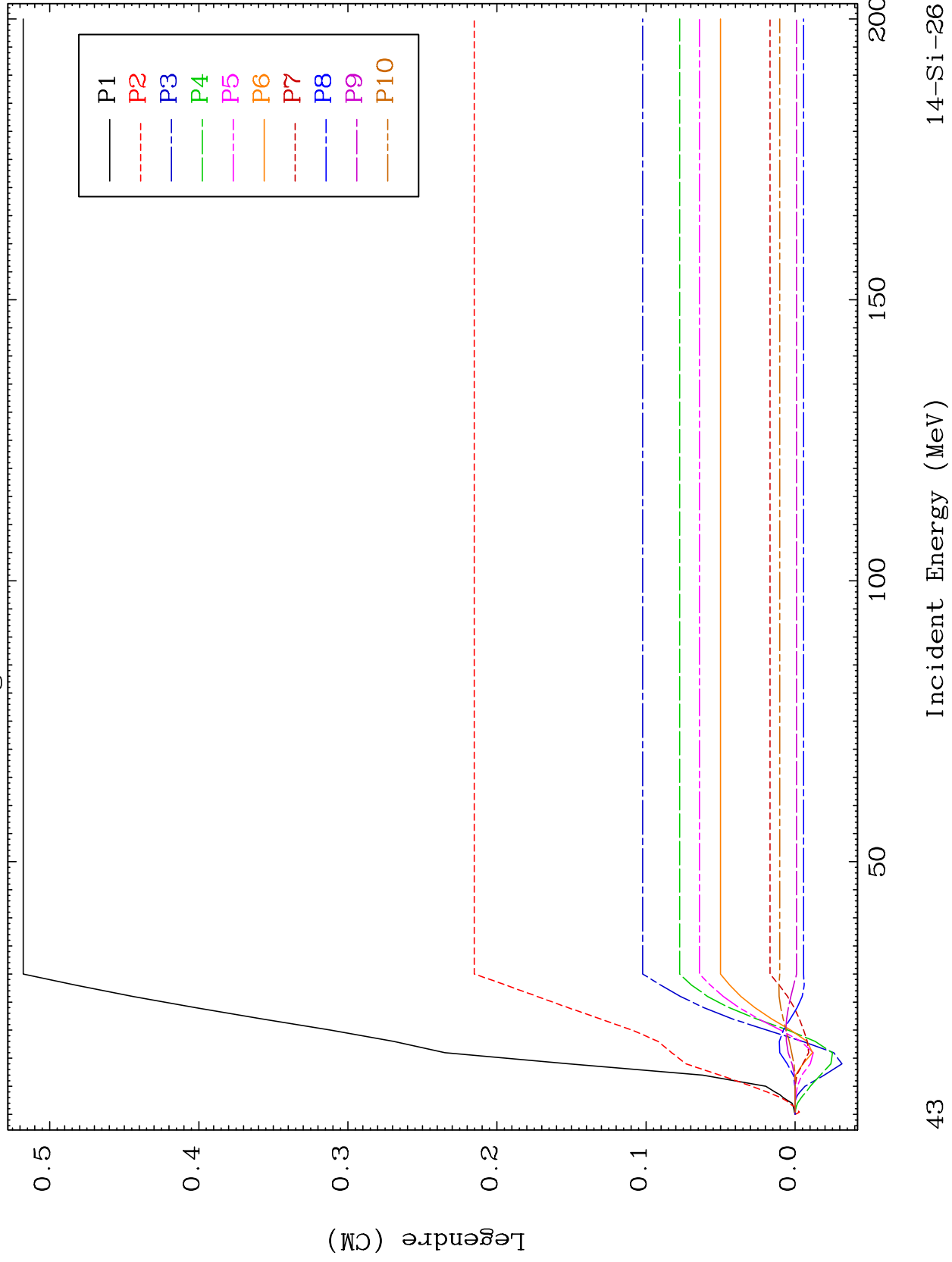
14-Si-26



MAT 1419

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

14-Si-26

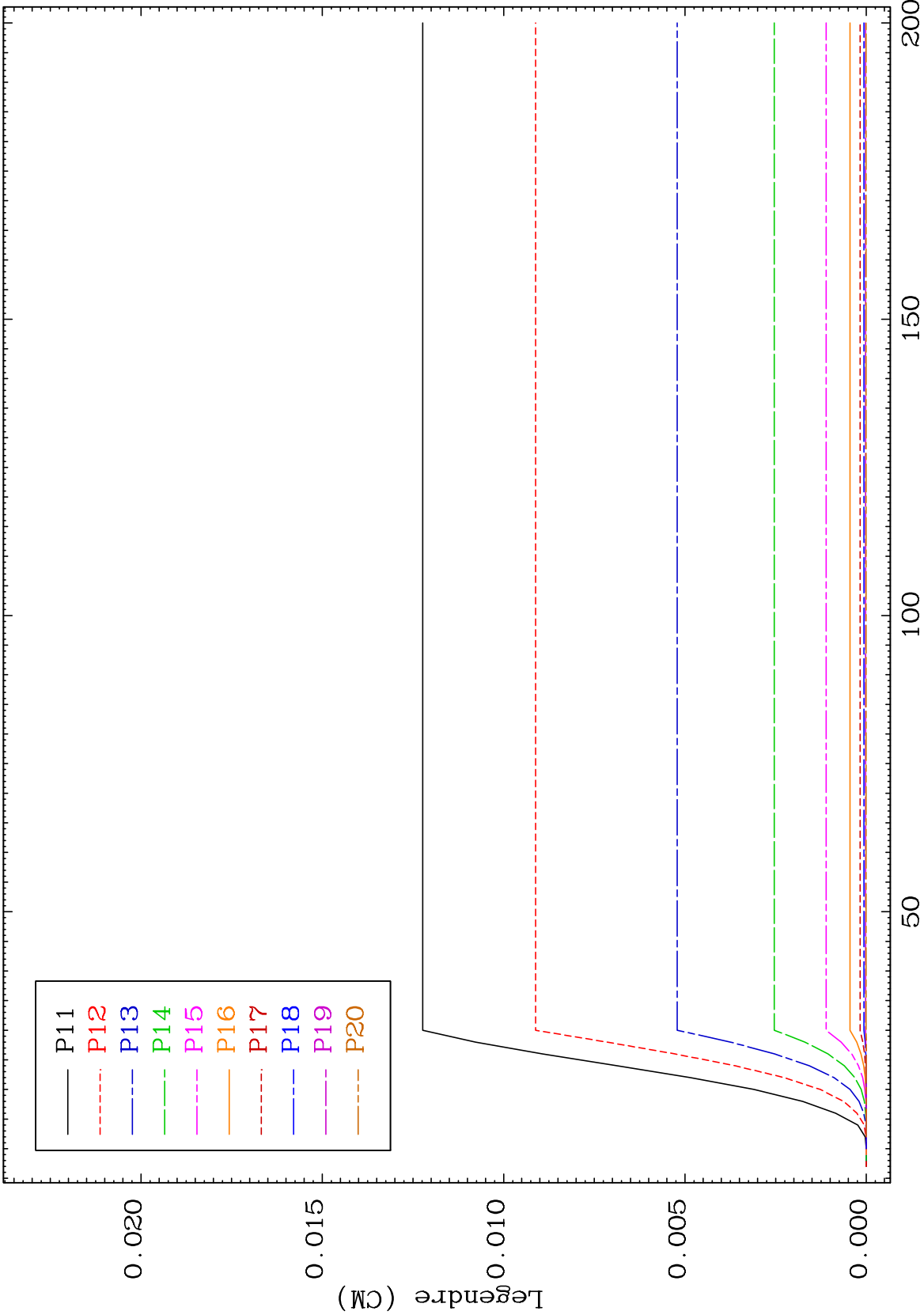


43

MAT 1419

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

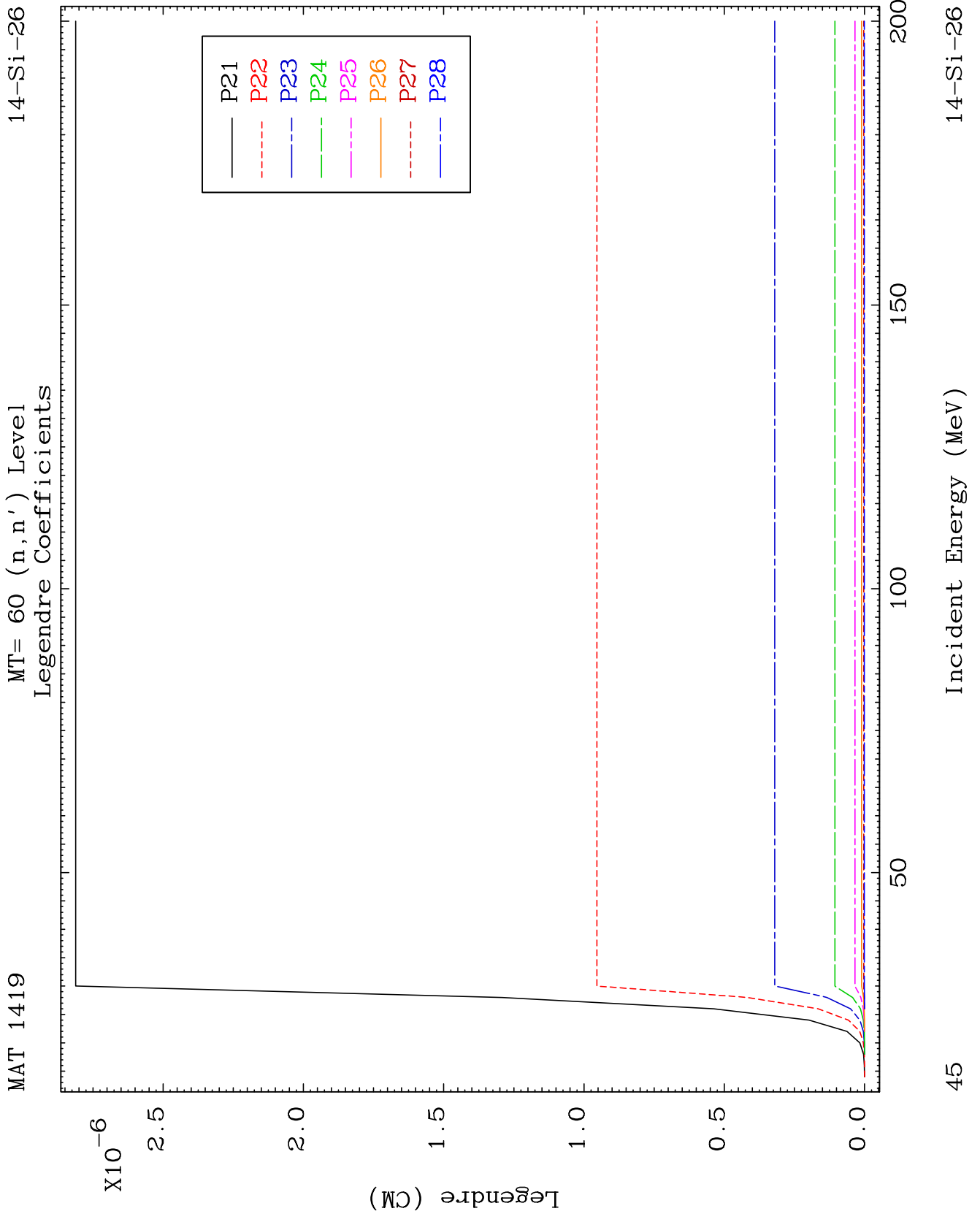
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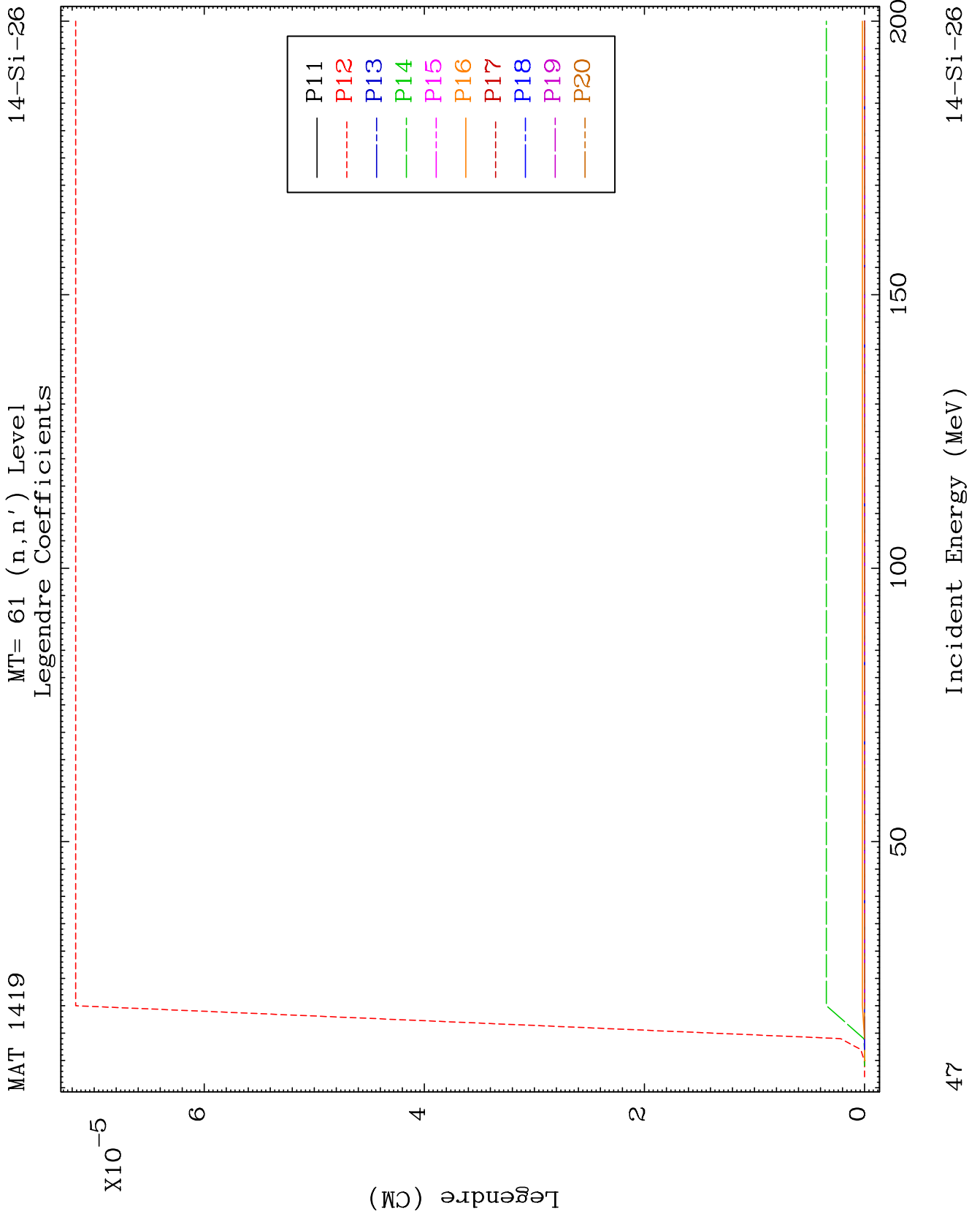


44

Incident Energy (MeV)

14-Si-26

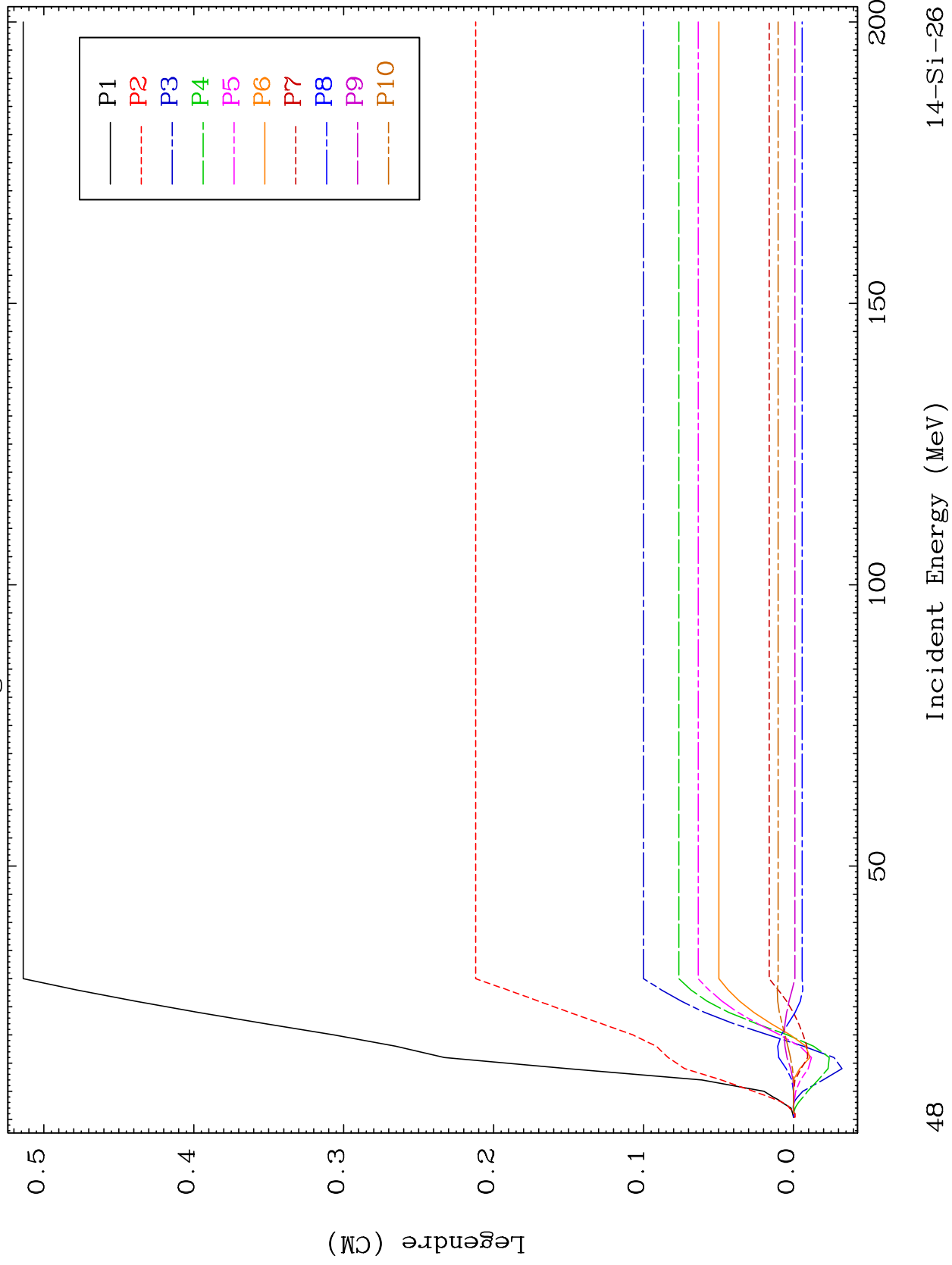




MAT 1419

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

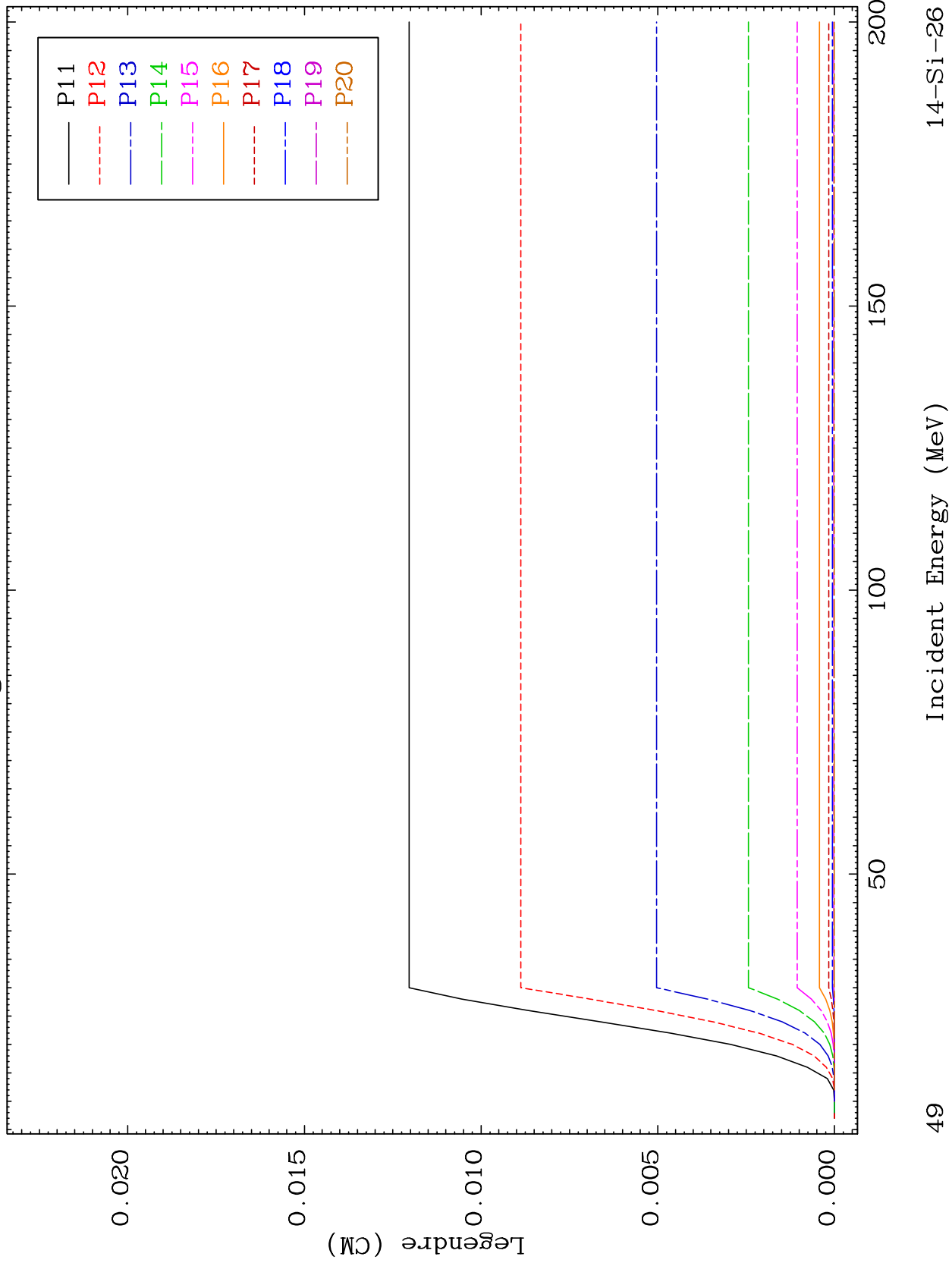
14-Si-26



MAT 1419

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

14-Si-26



49

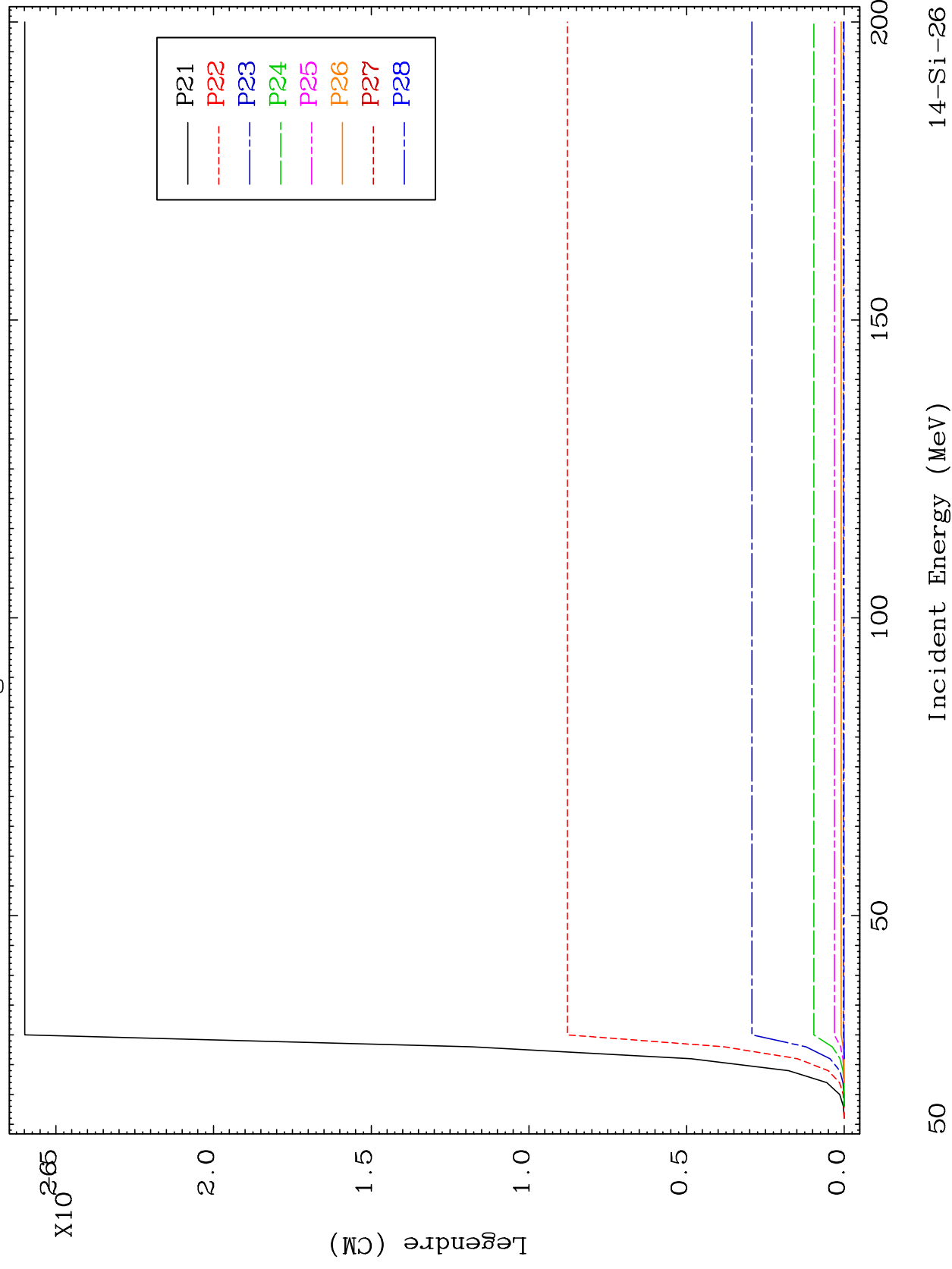
Incident Energy (MeV)

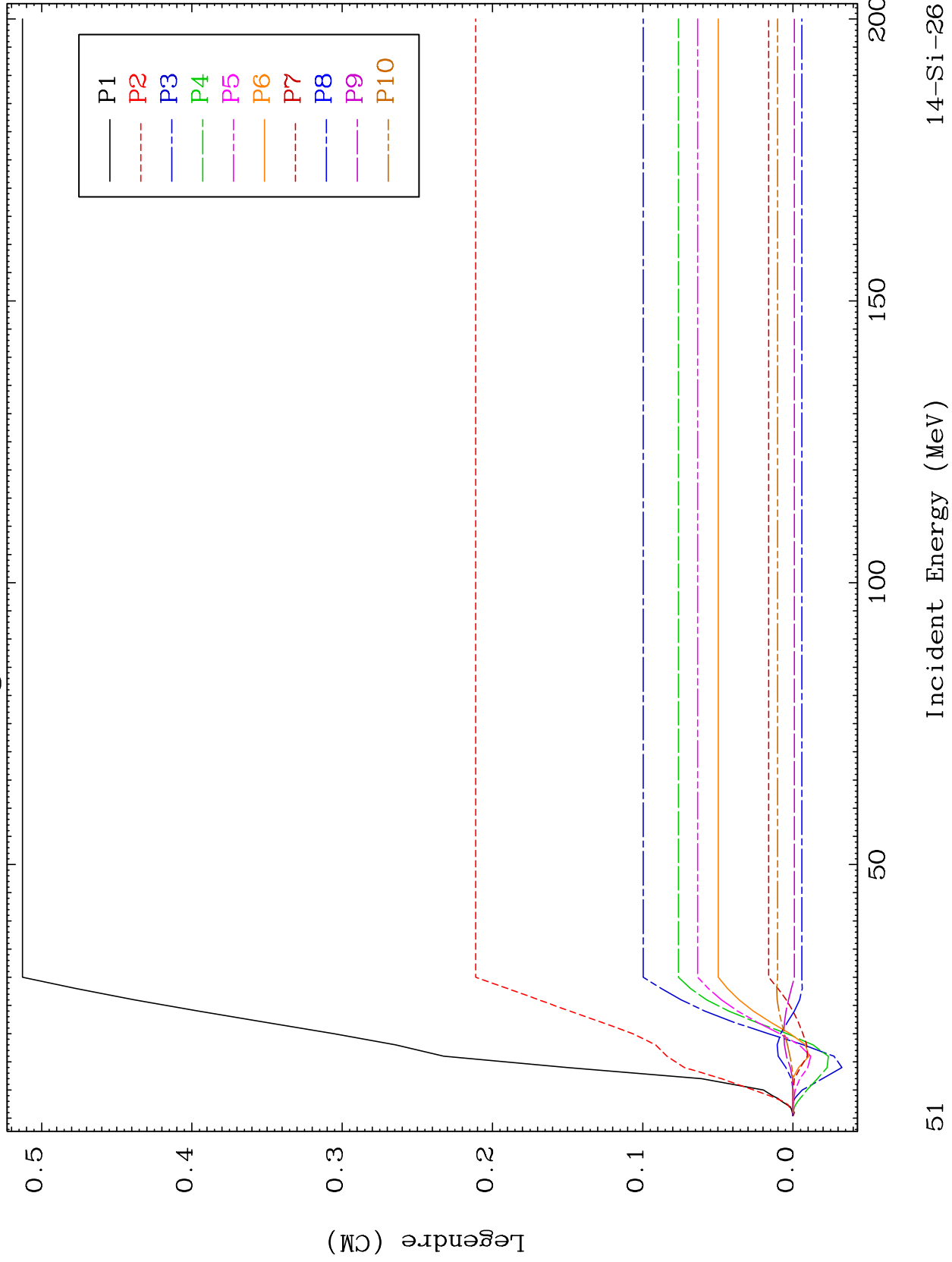
14-Si-26

MAT 1419

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

14-Si-26

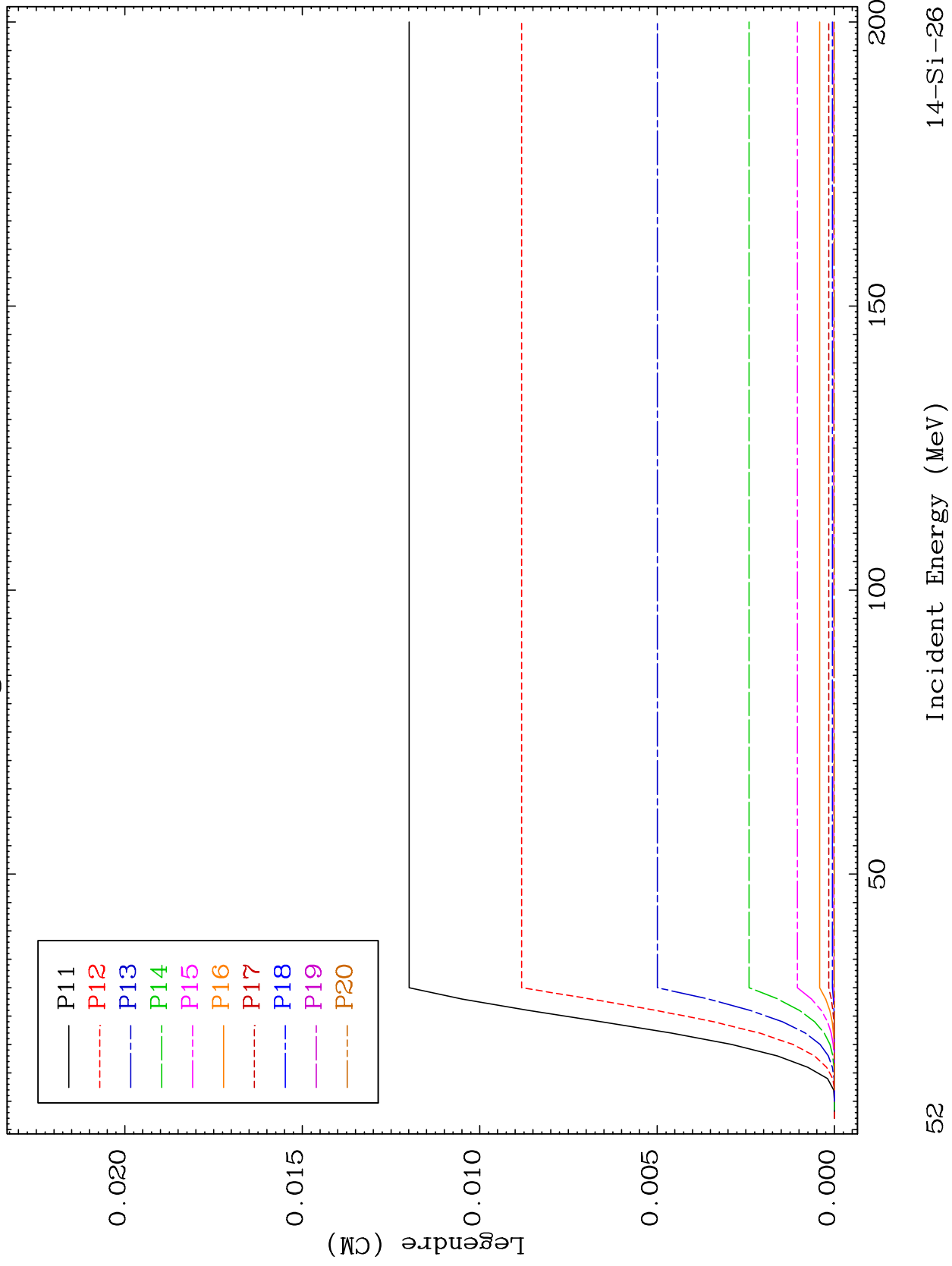




MAT 1419

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

14-Si-26



52

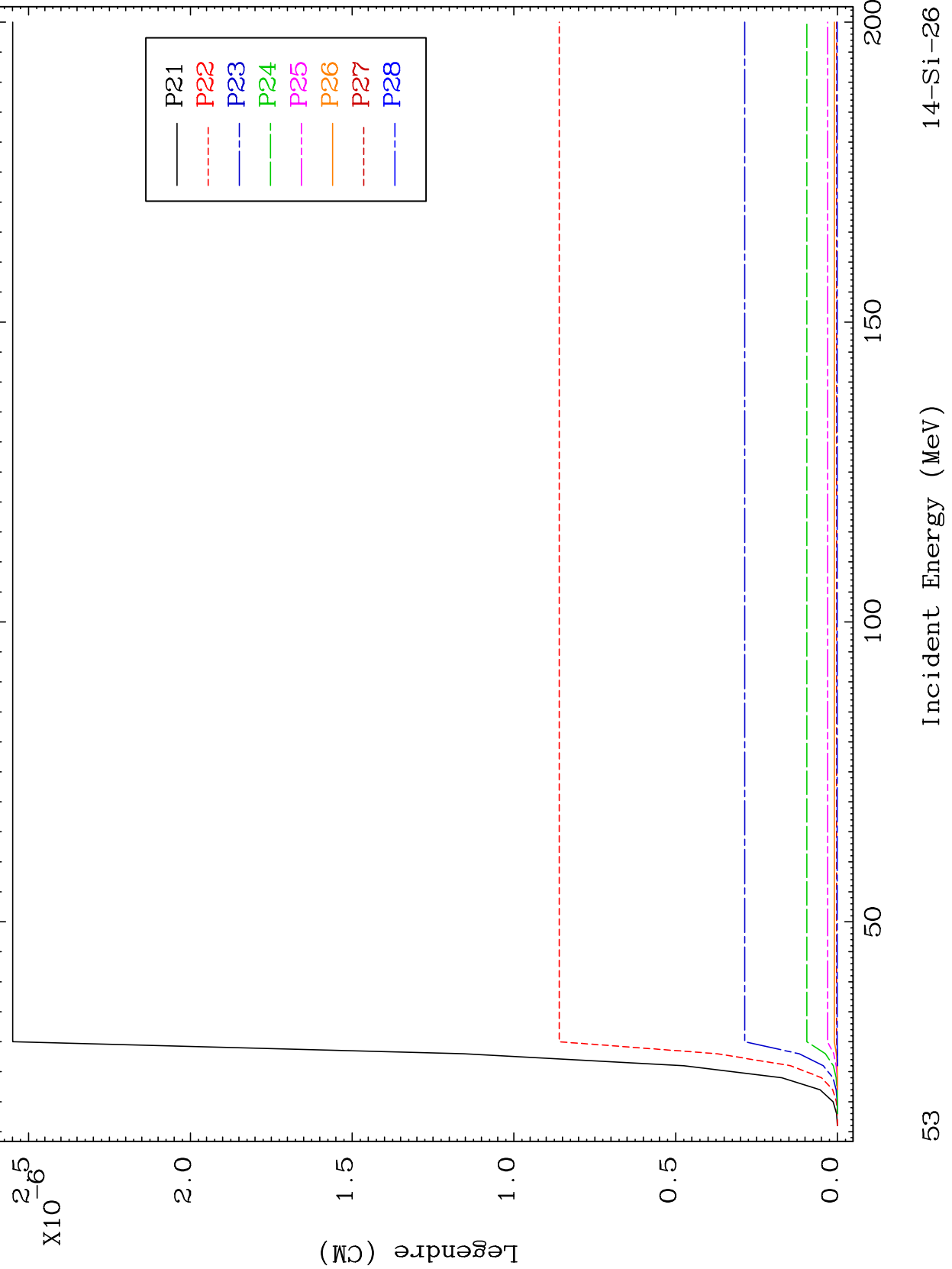
Incident Energy (MeV)

14-Si-26

MAT 1419

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

14-Si-26



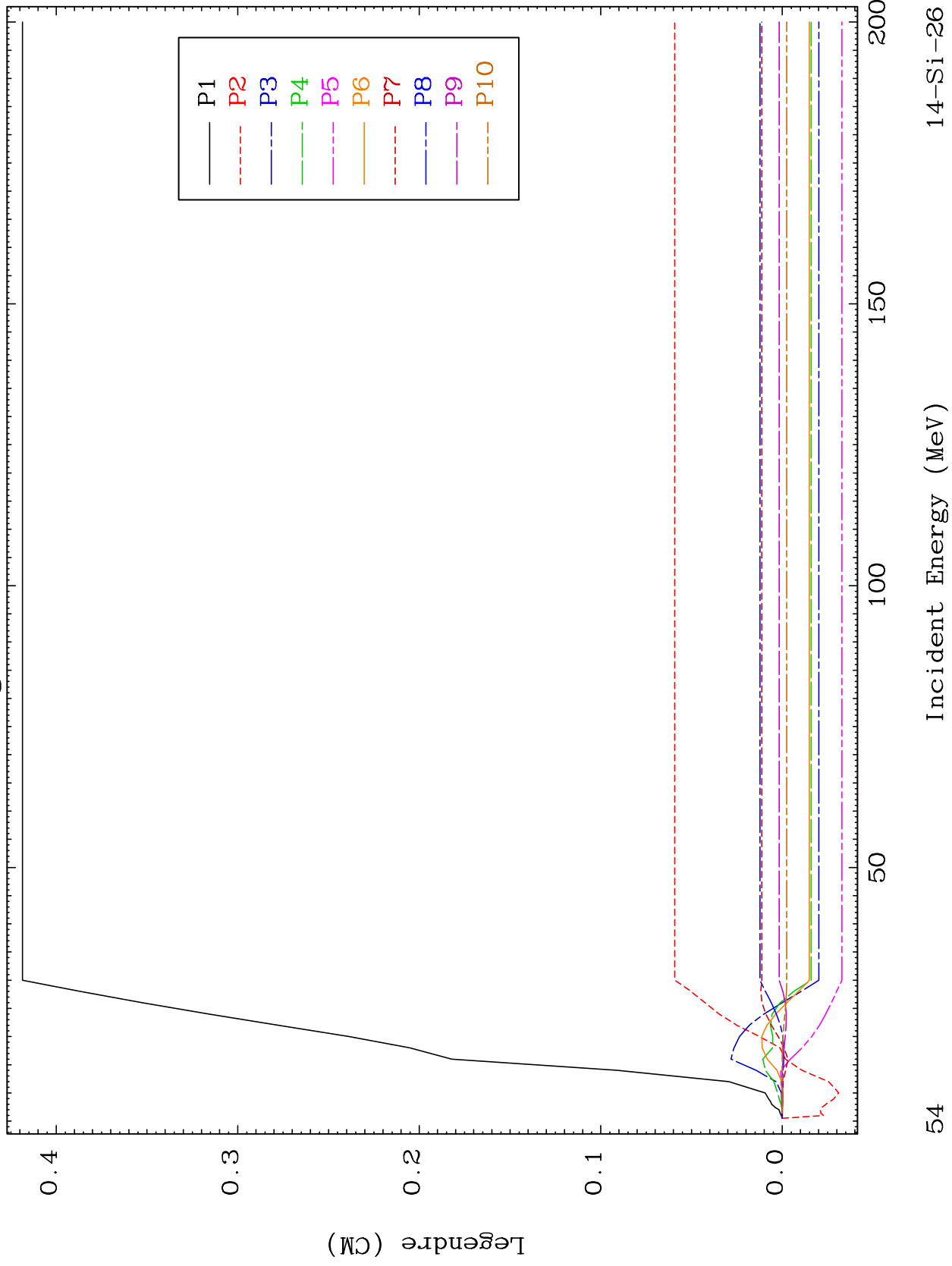
53

14-Si-26

MAT 1419

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

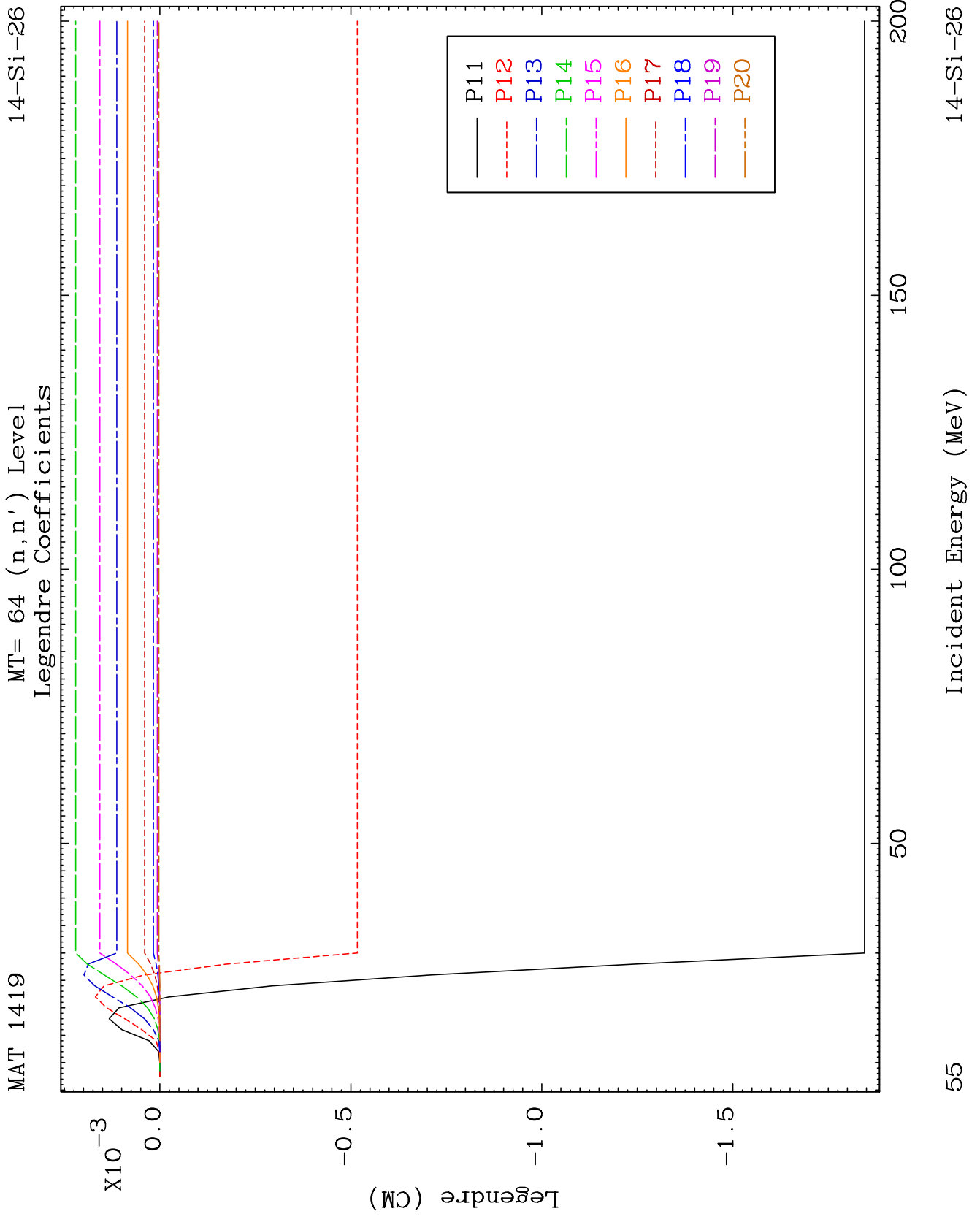
¹⁴Si-26



54

Incident Energy (MeV)

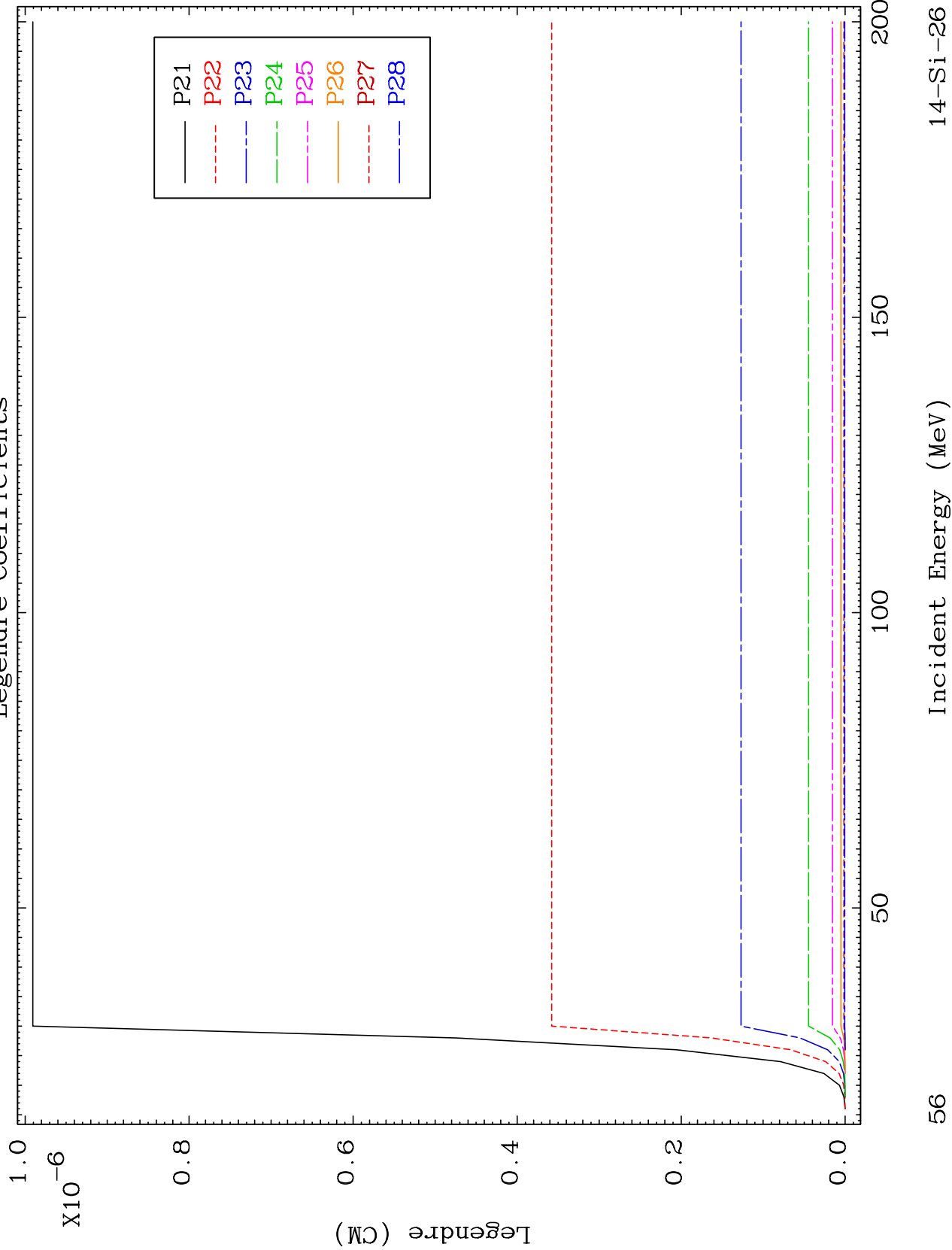
¹⁴Si-26



MAT 1419

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

14-Si-26



56

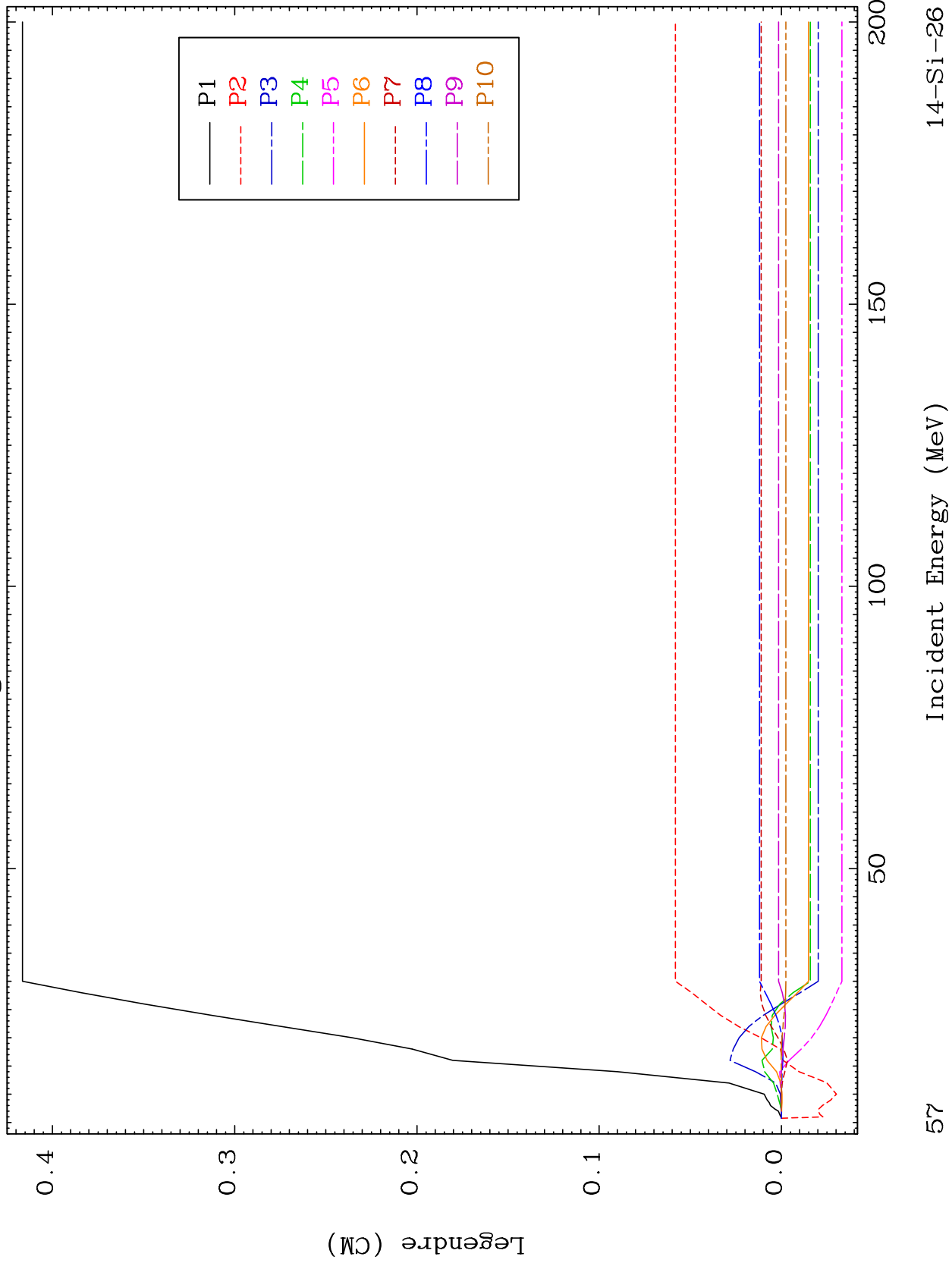
Incident Energy (MeV)

14-Si-26

MAT 1419

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

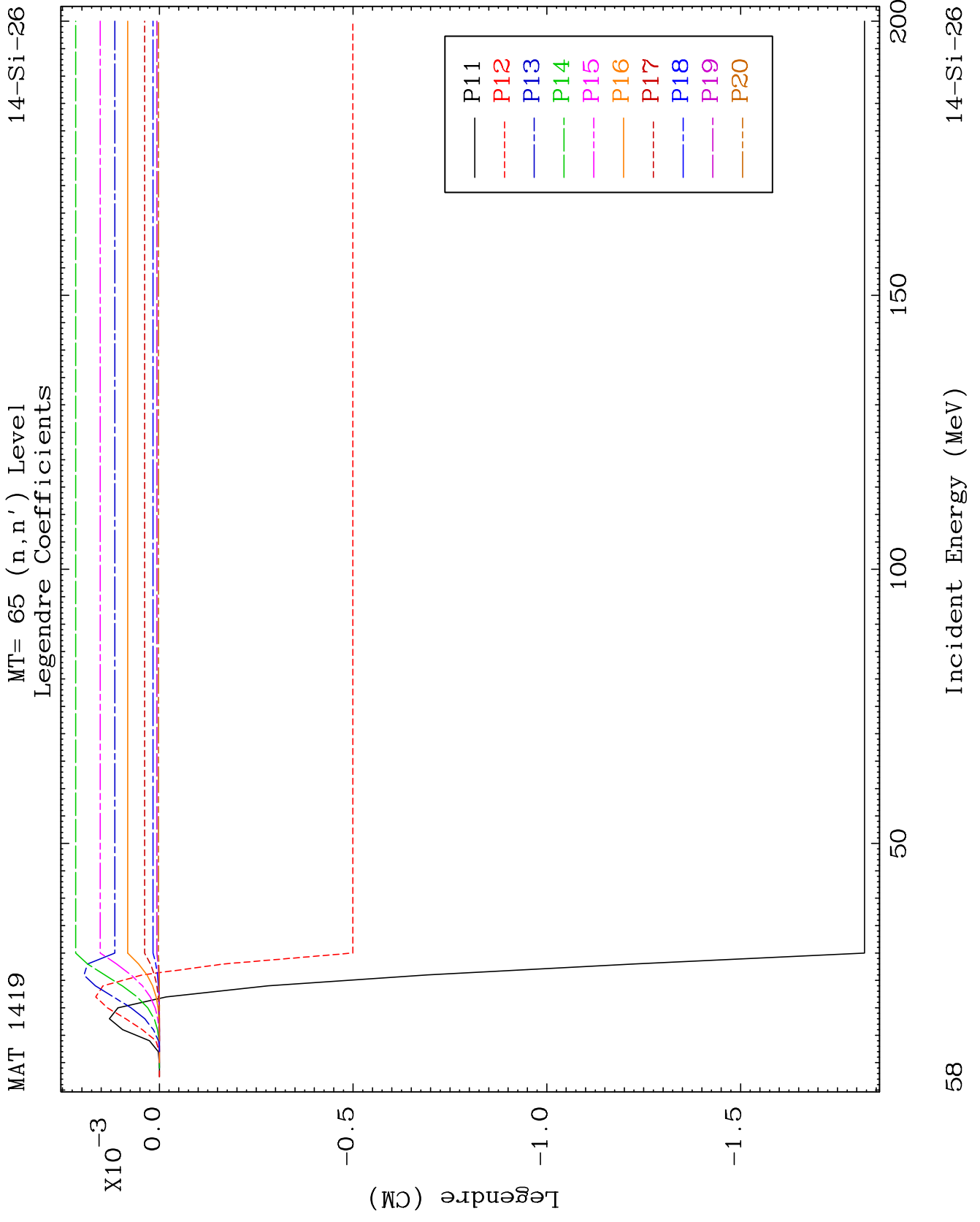
¹⁴Si-26



57

Incident Energy (MeV)

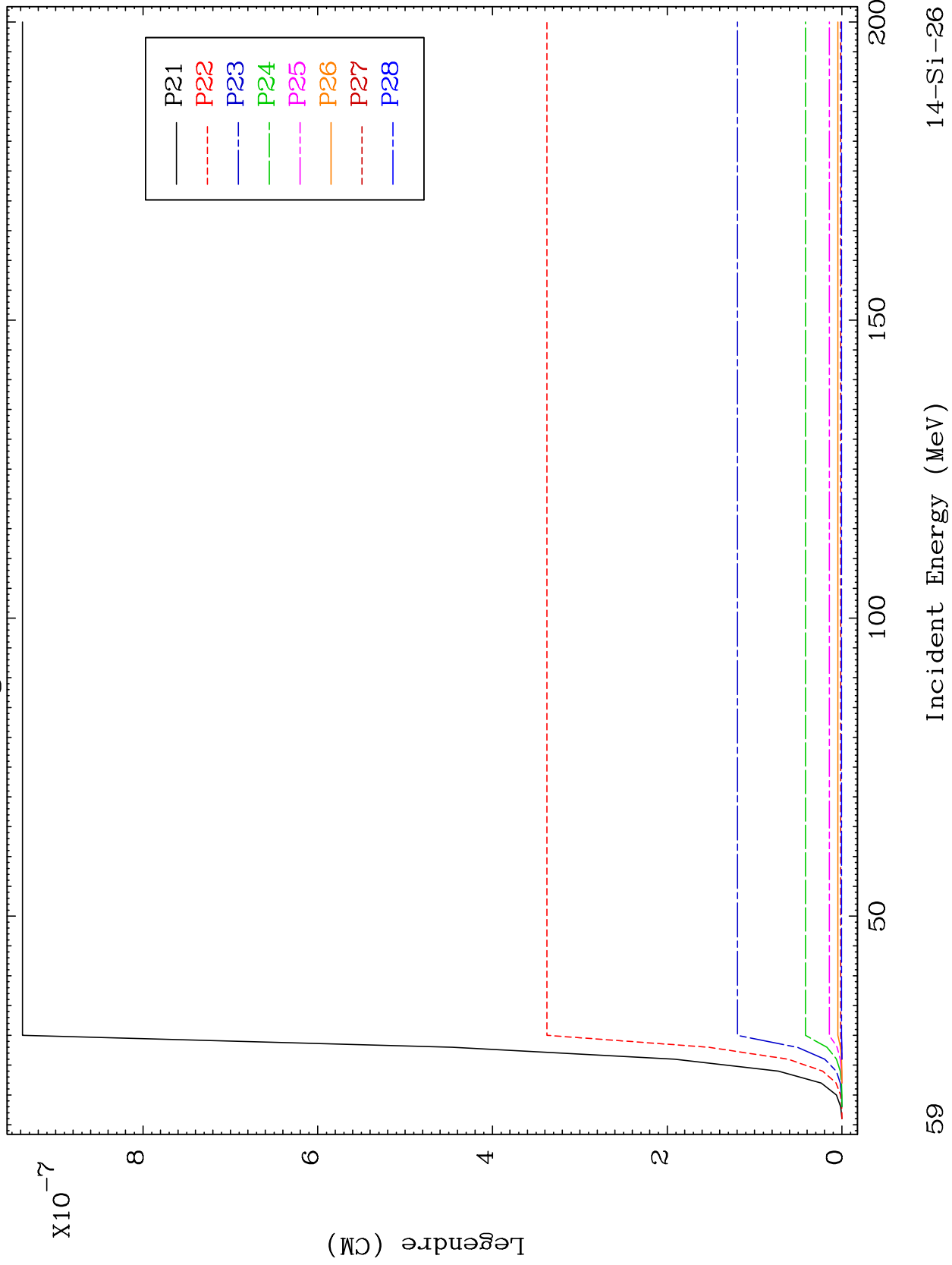
¹⁴Si-26



MAT 1419

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

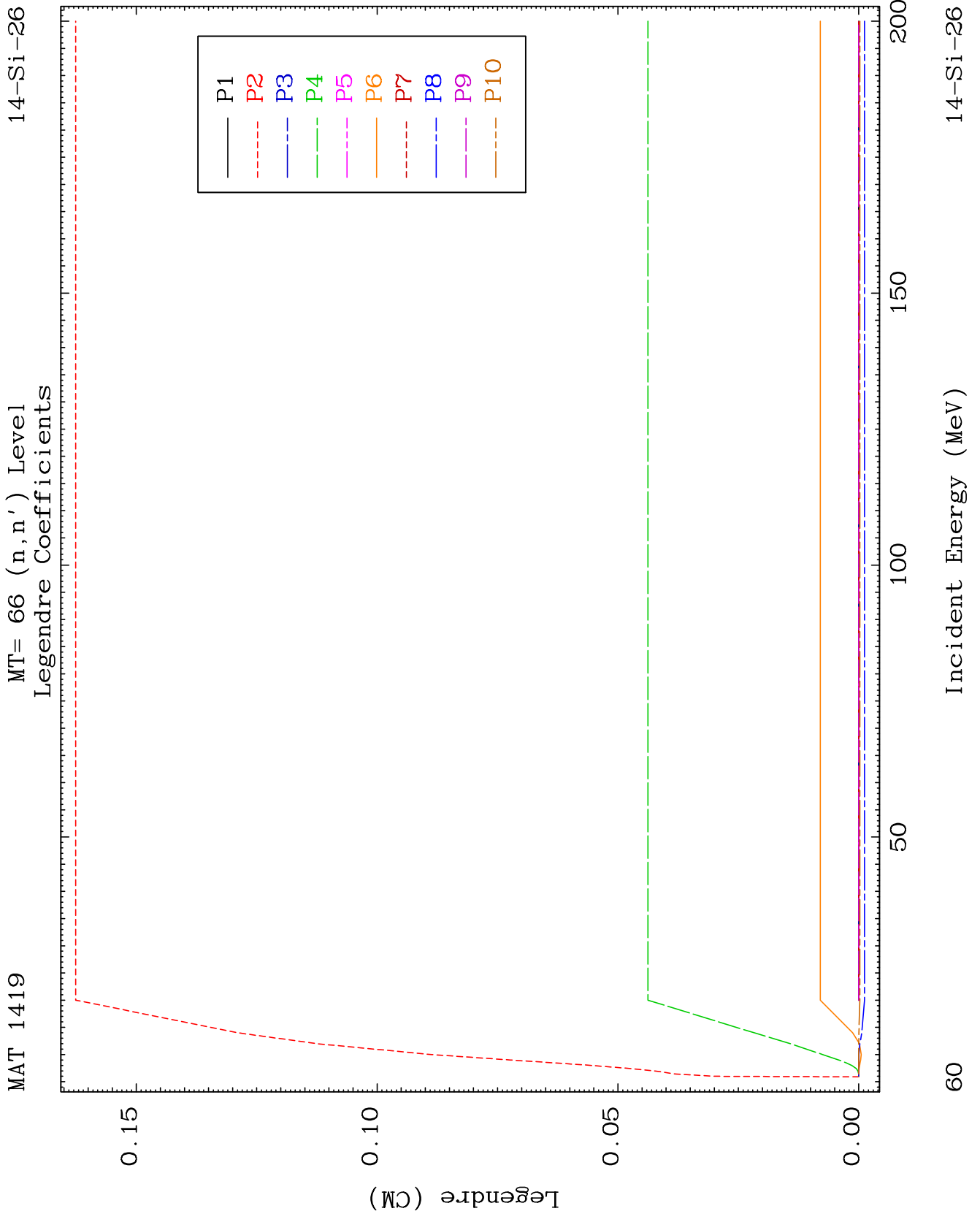
14-Si-26

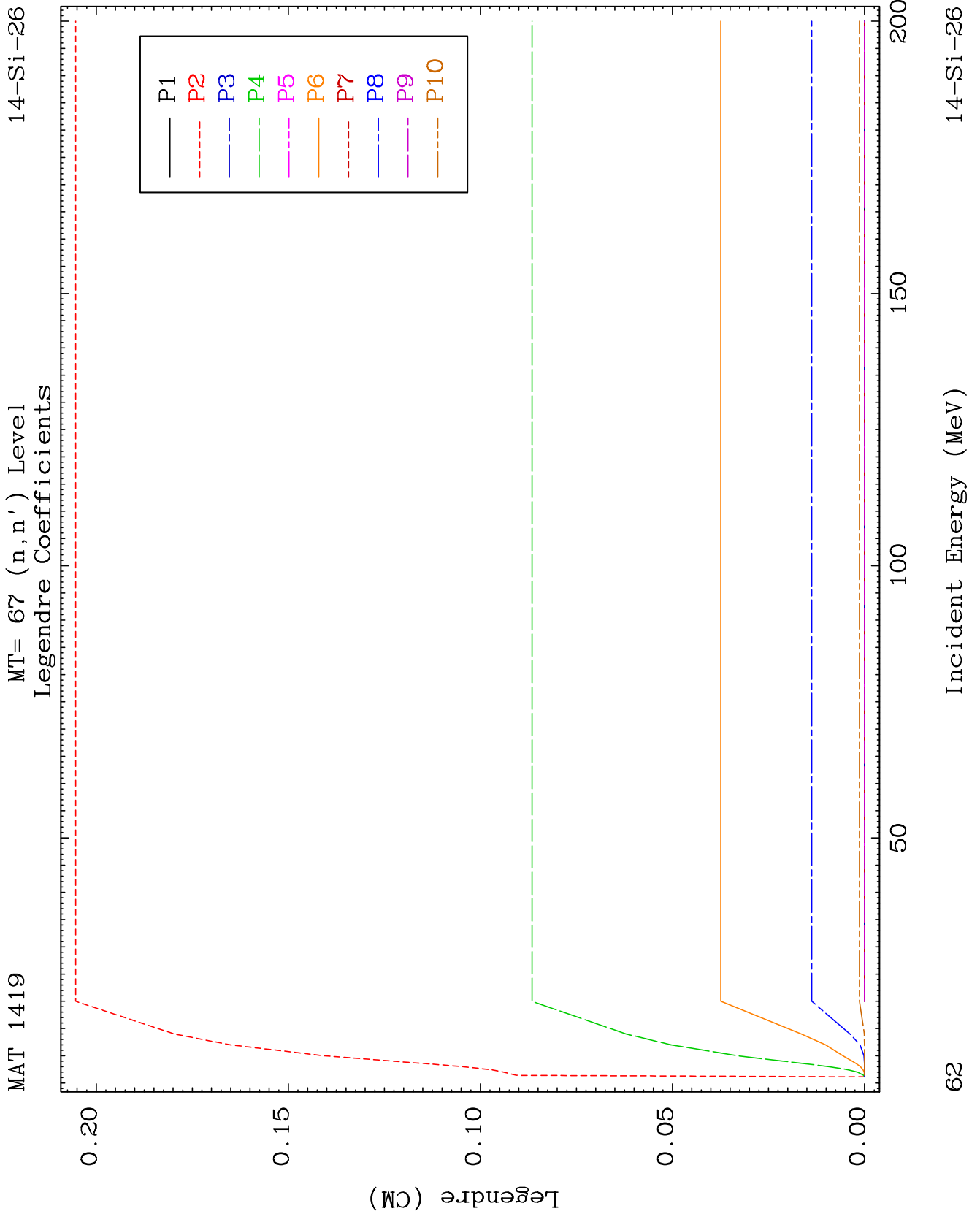


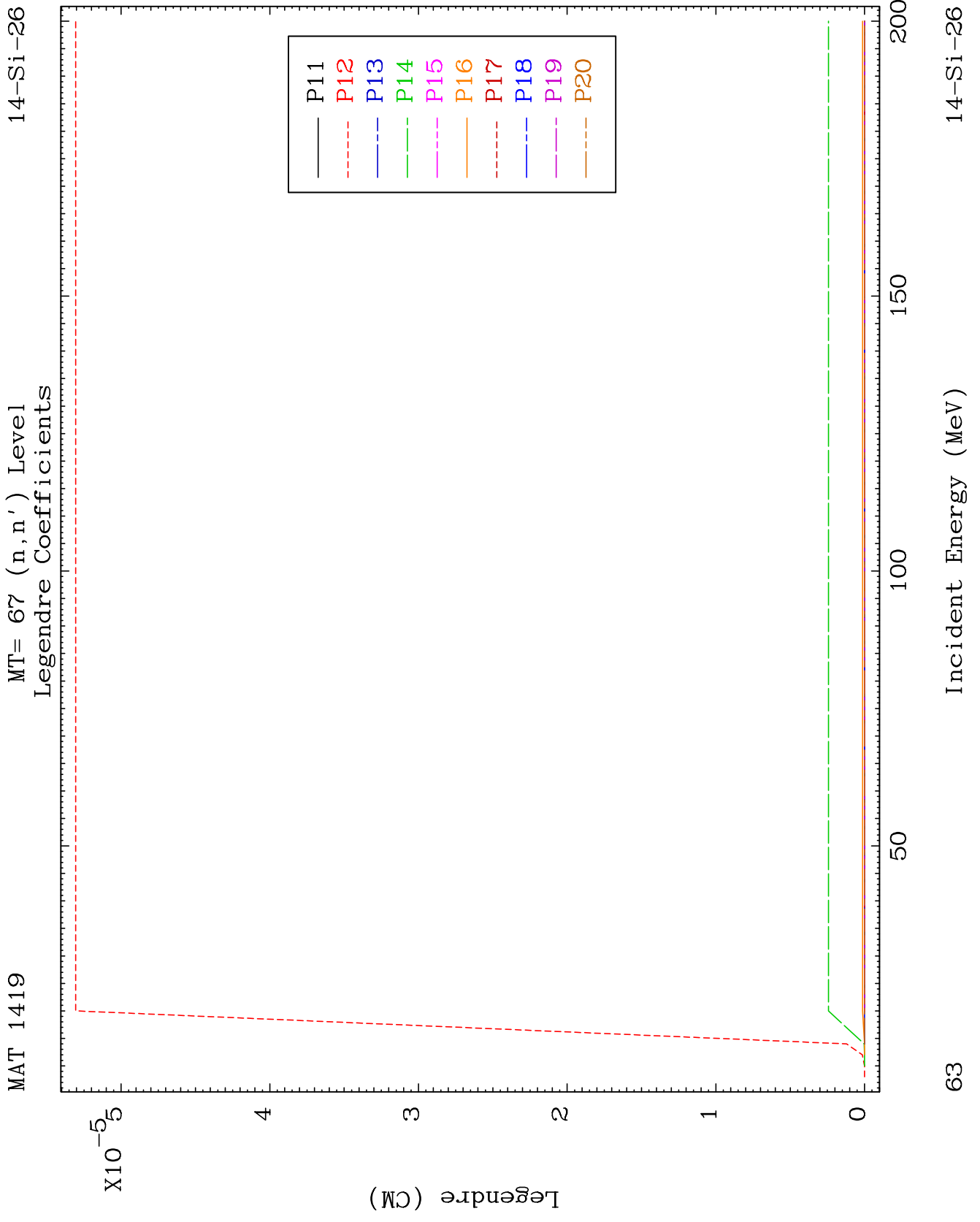
59

Incident Energy (MeV)

14-Si-26



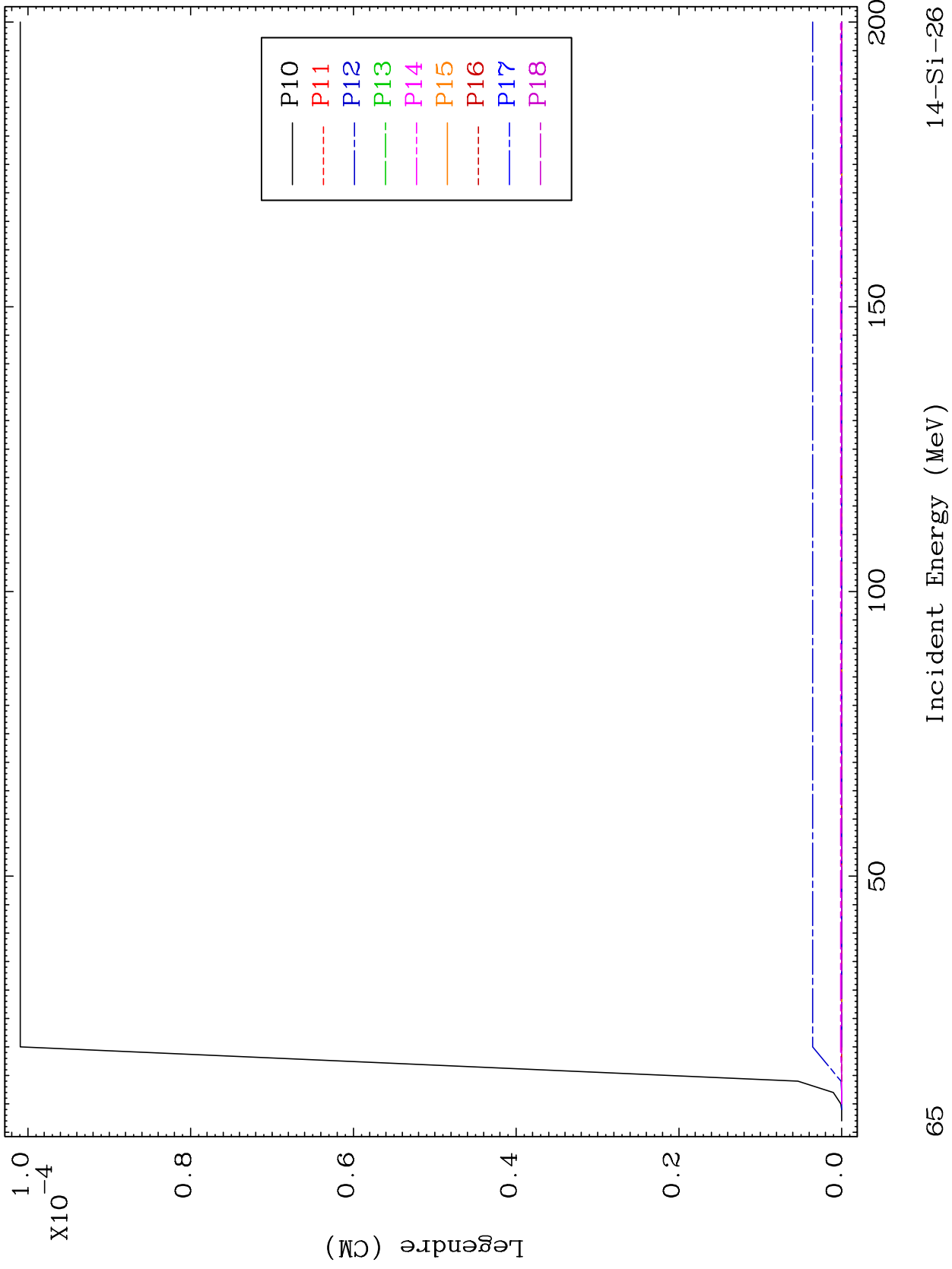




MAT 1419

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

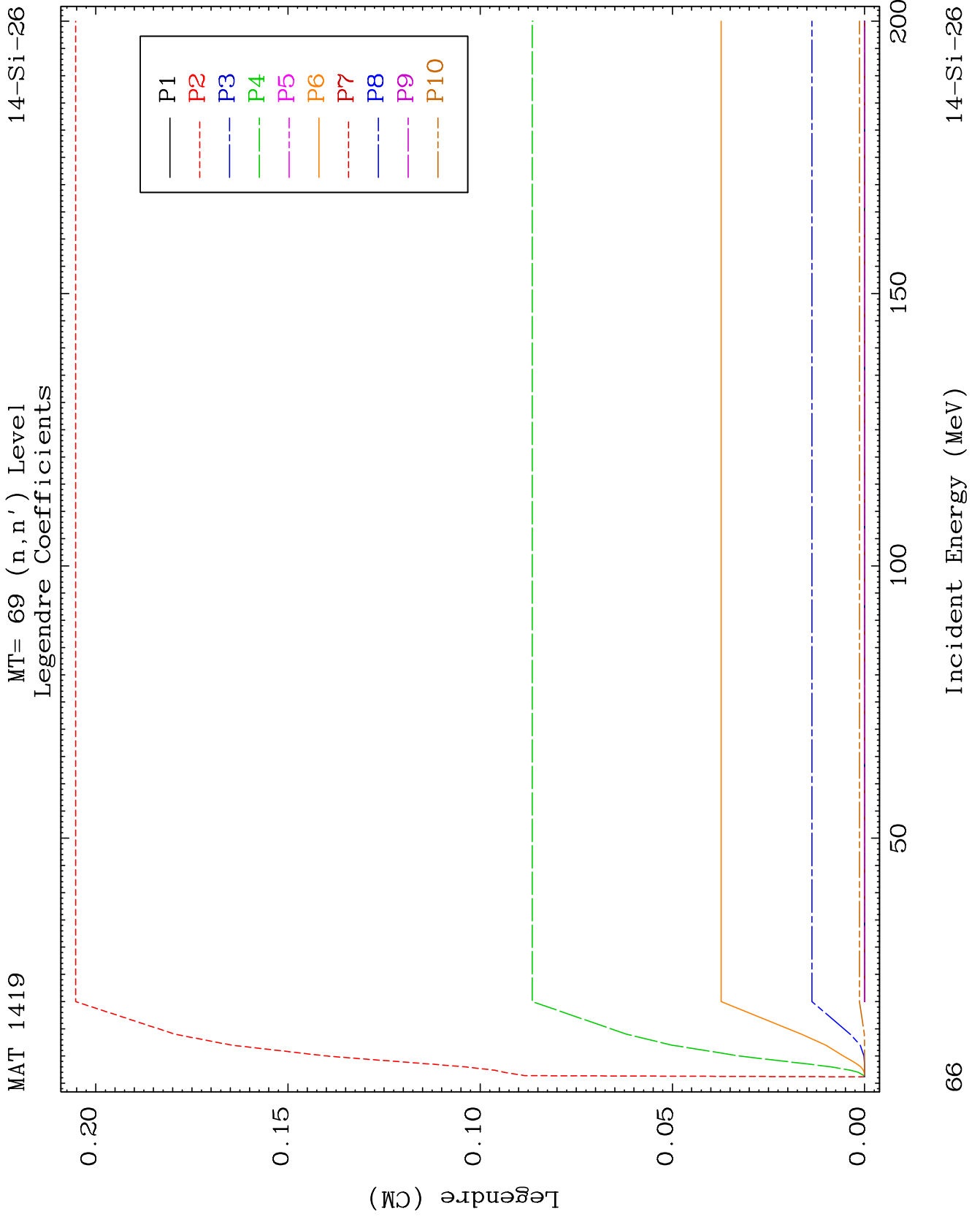
14-Si-26

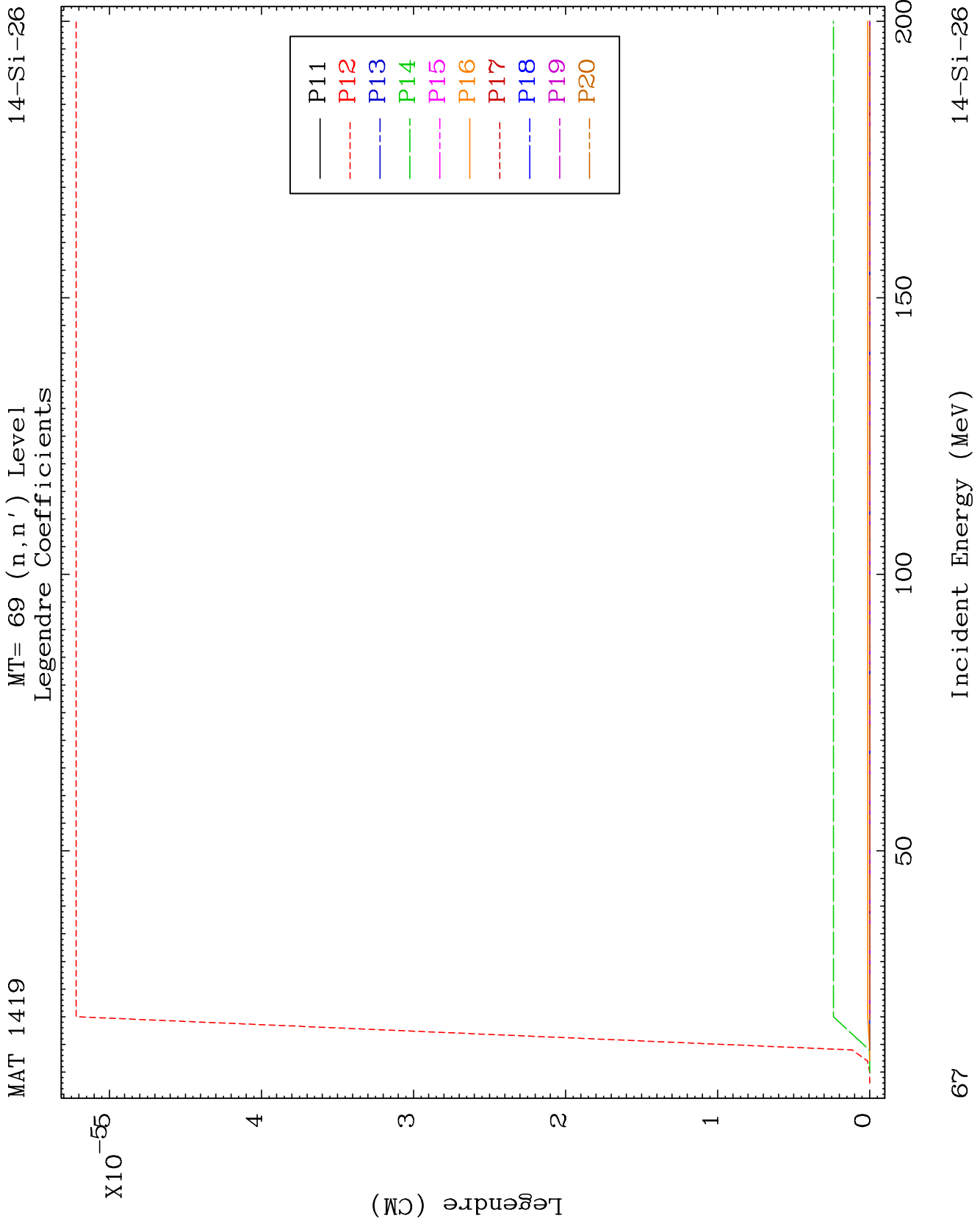


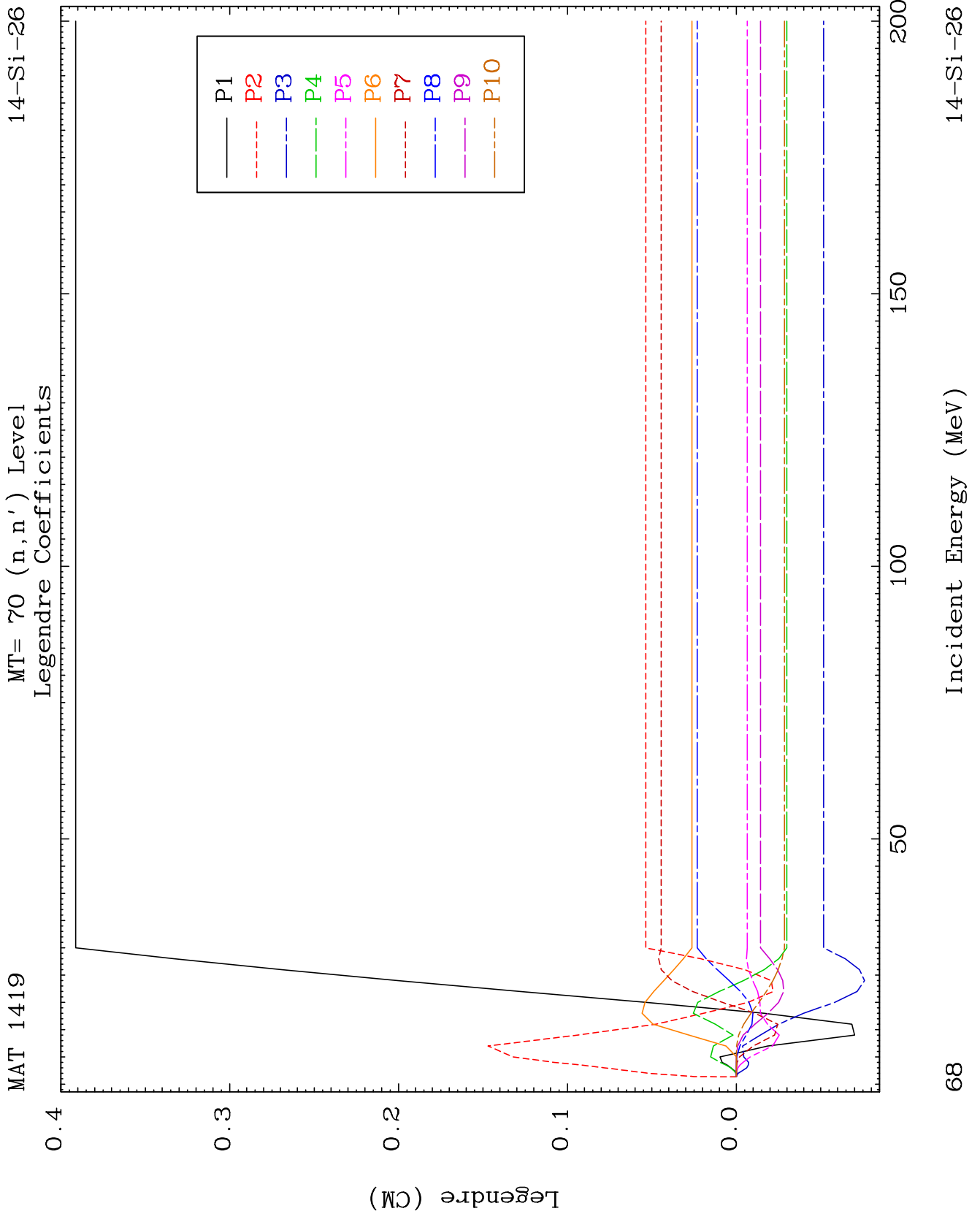
65

Incident Energy (MeV)

14-Si-26



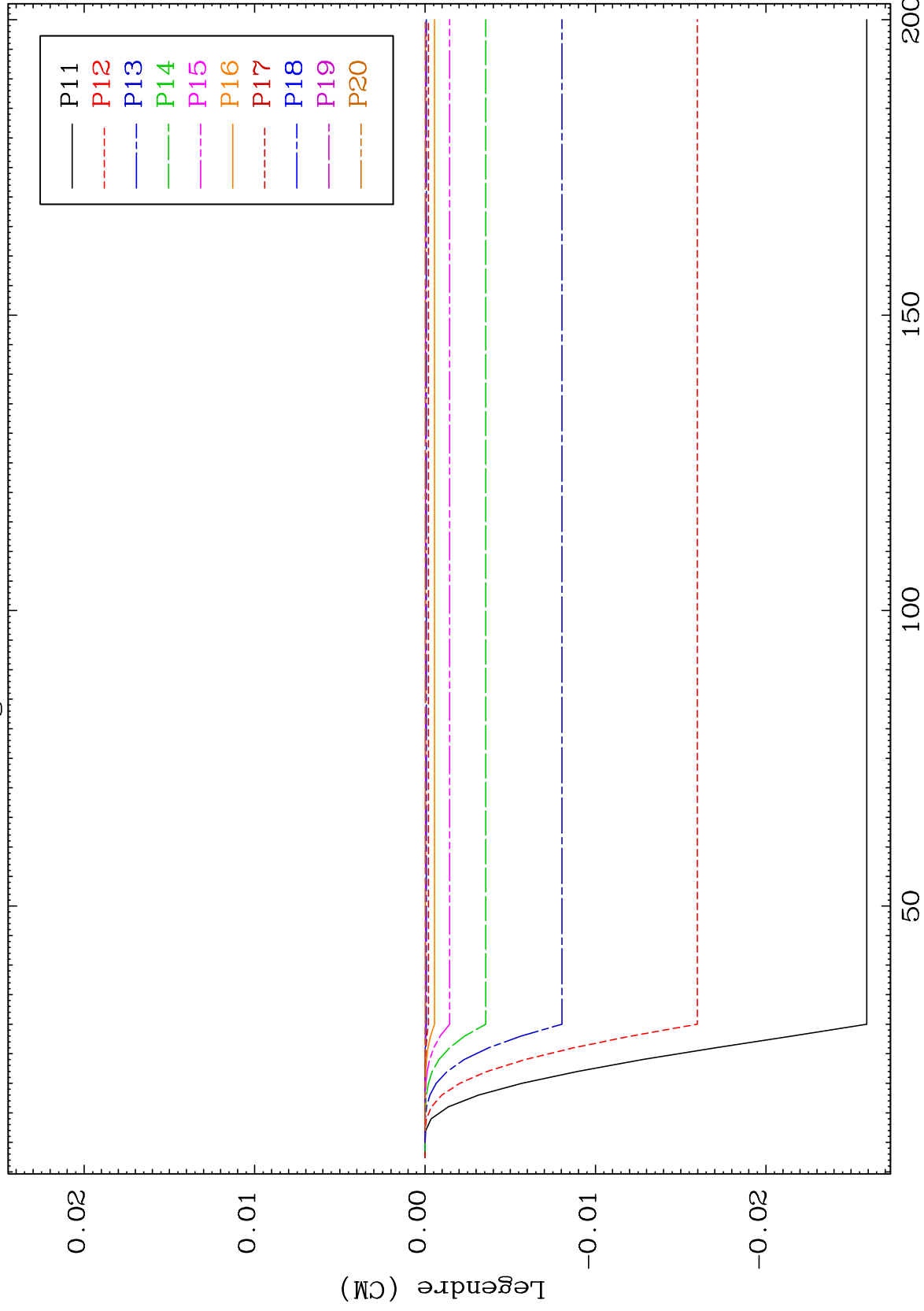




MAT 1419

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

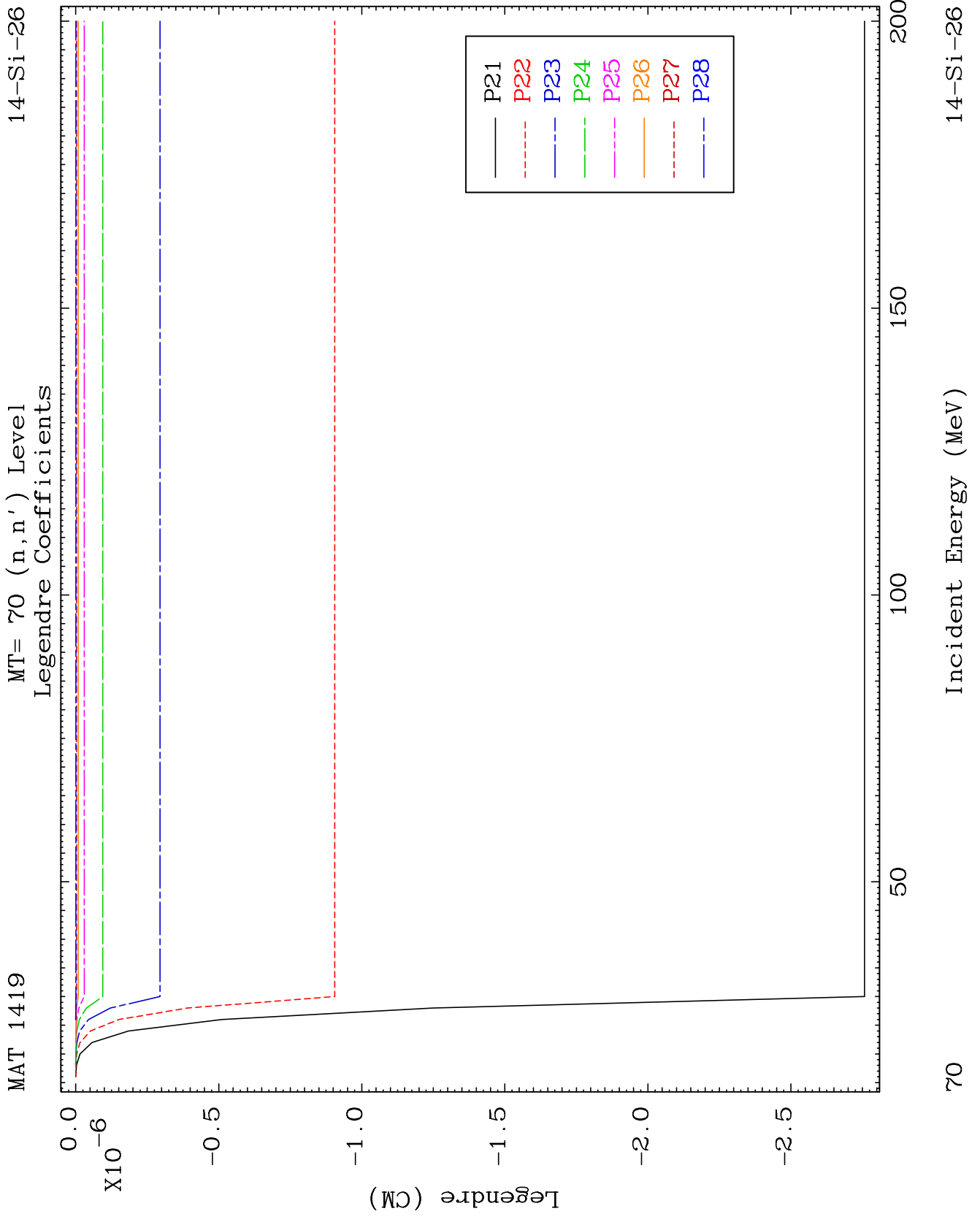
14-Si-26



69

Incident Energy (MeV)

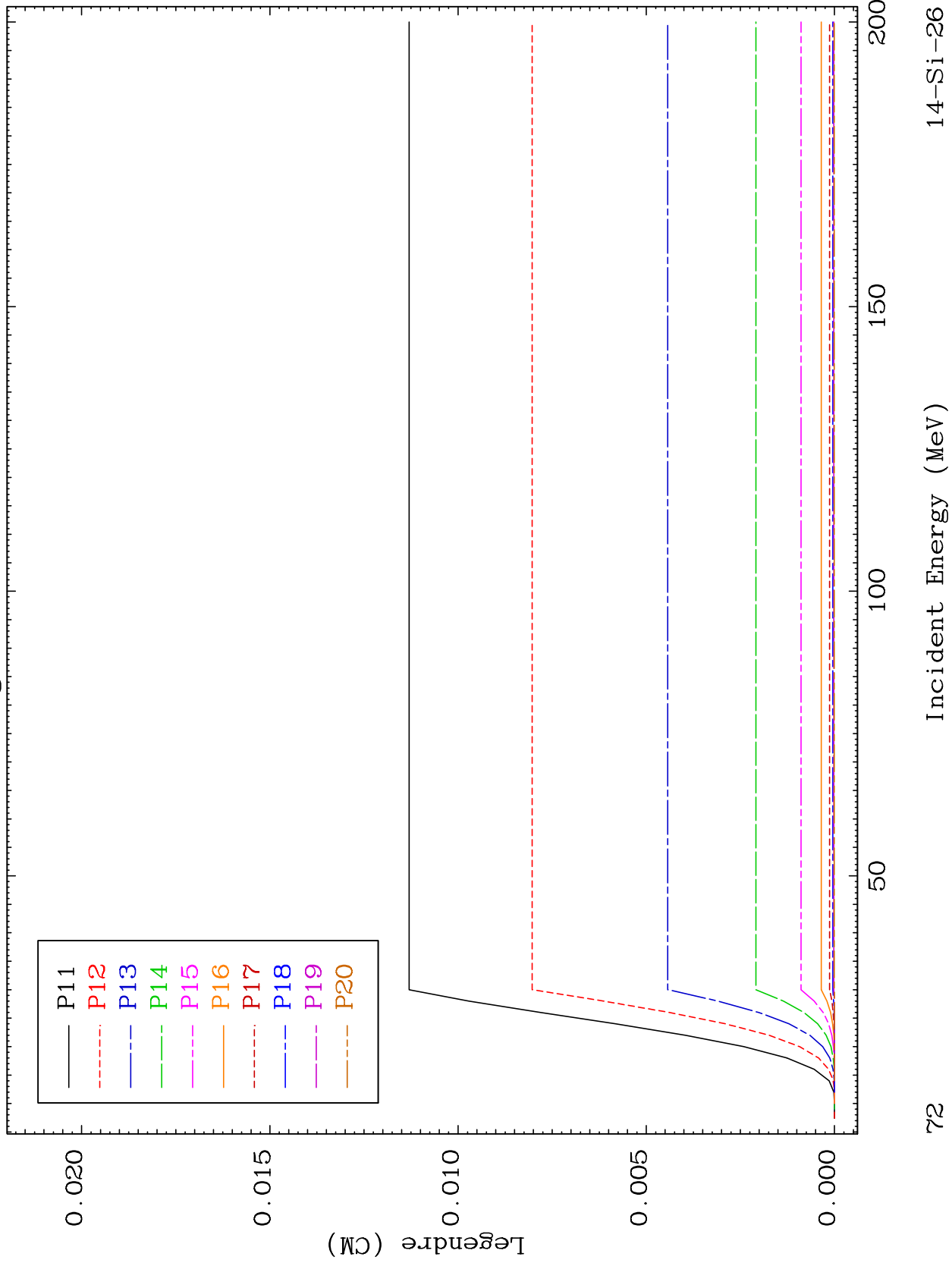
14-Si-26



MAT 1419

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

14-Si-26

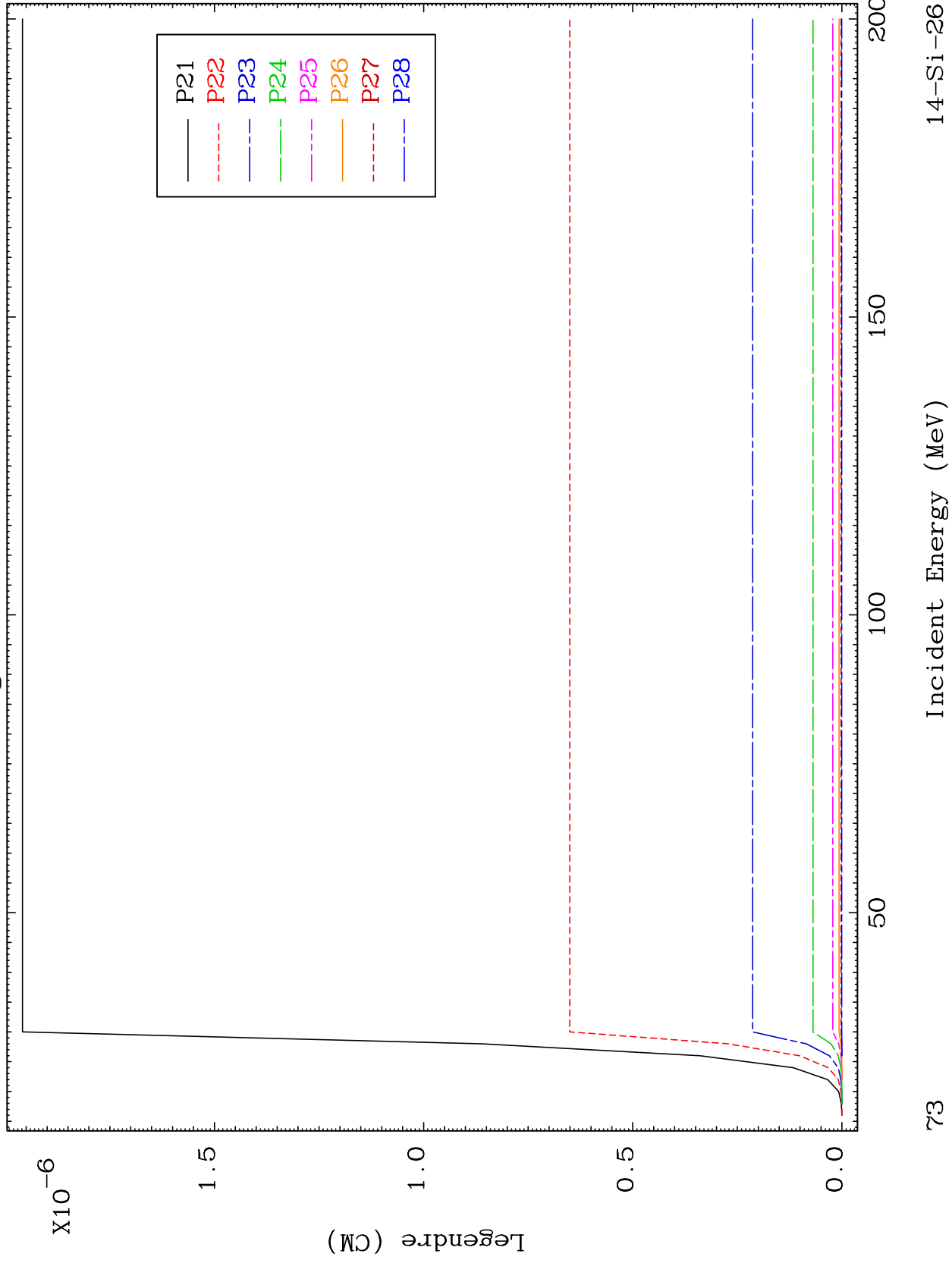


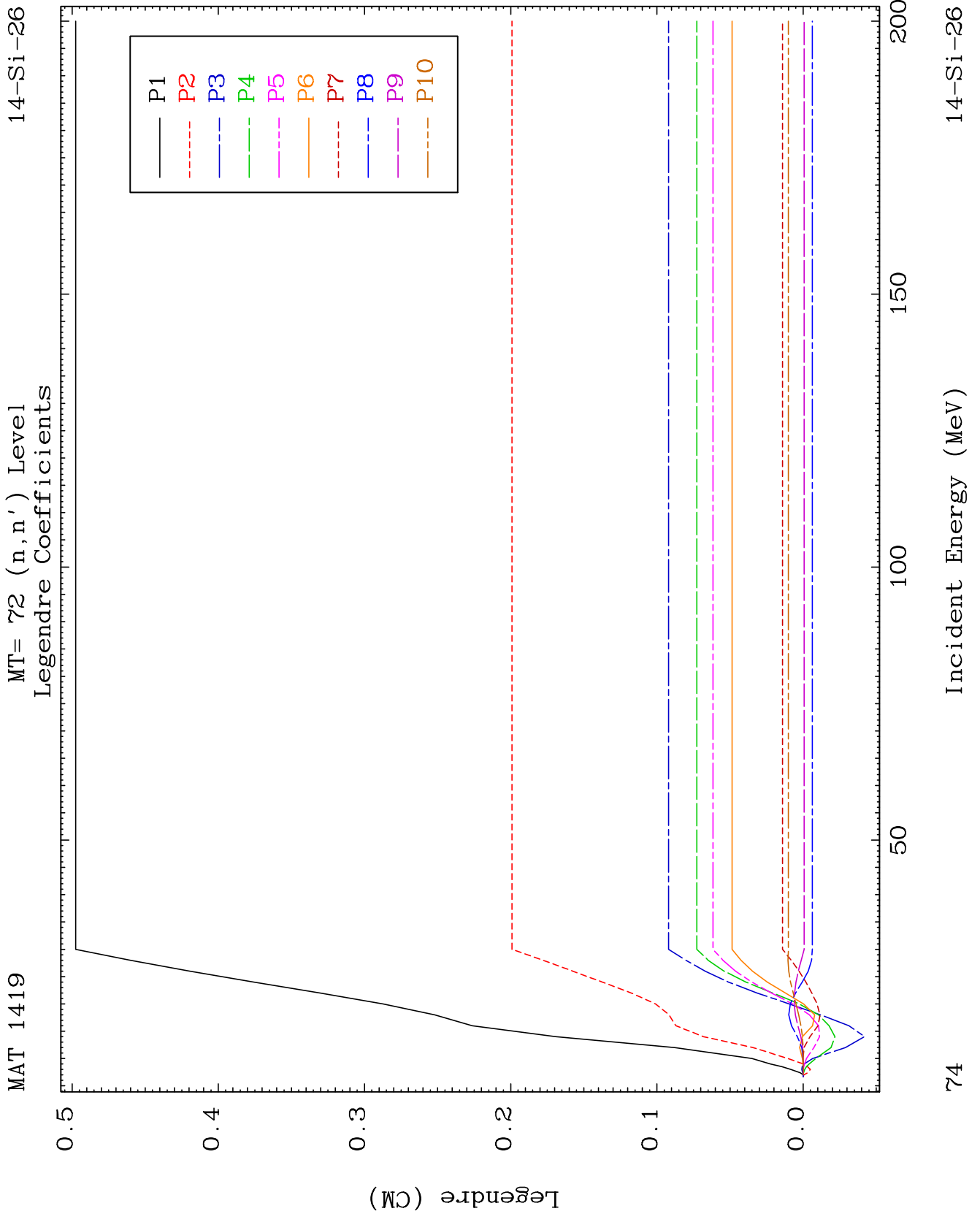
72

MAT 1419

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

14-Si-26

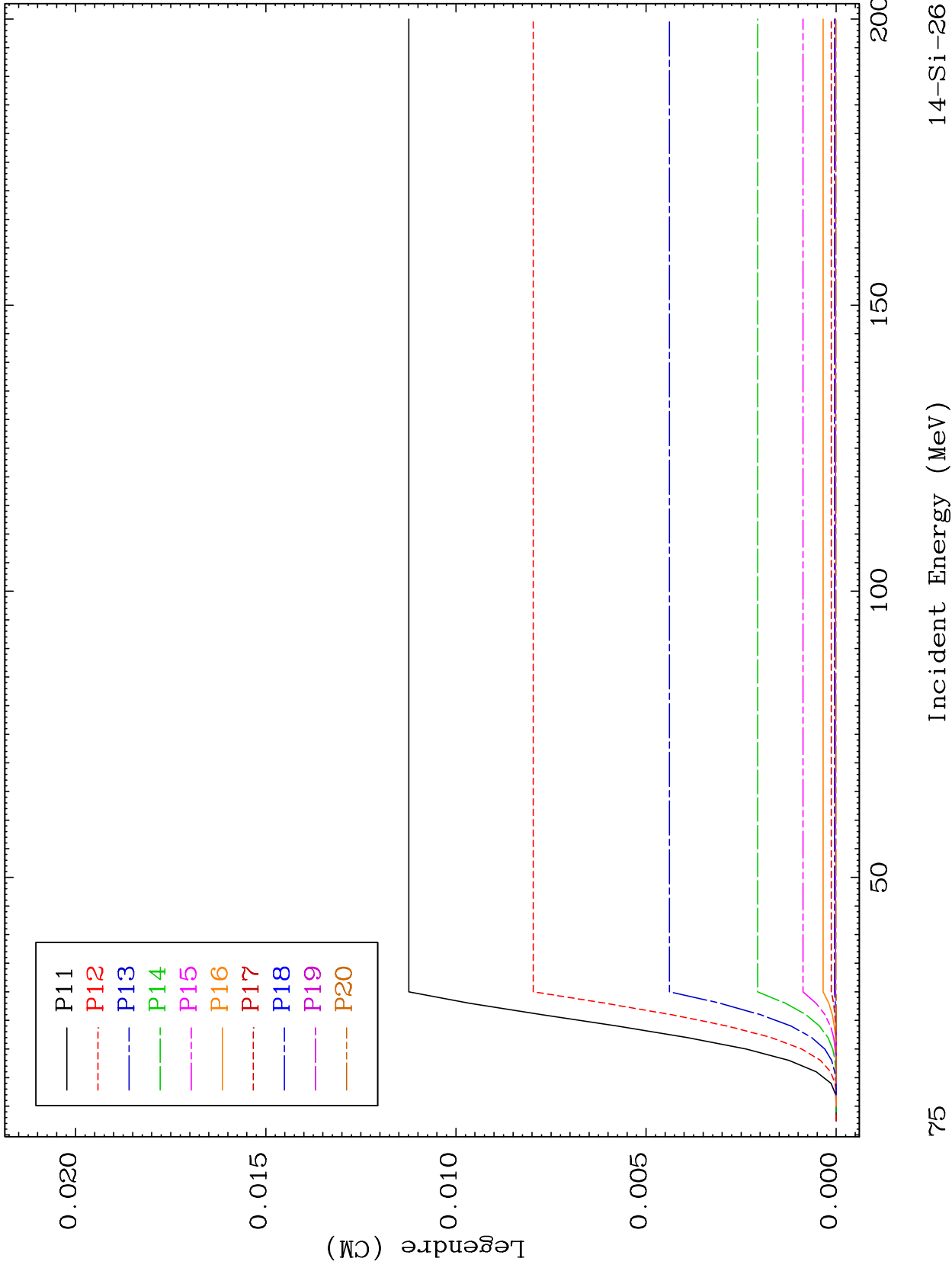




MAT 1419

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

14-Si-26



75

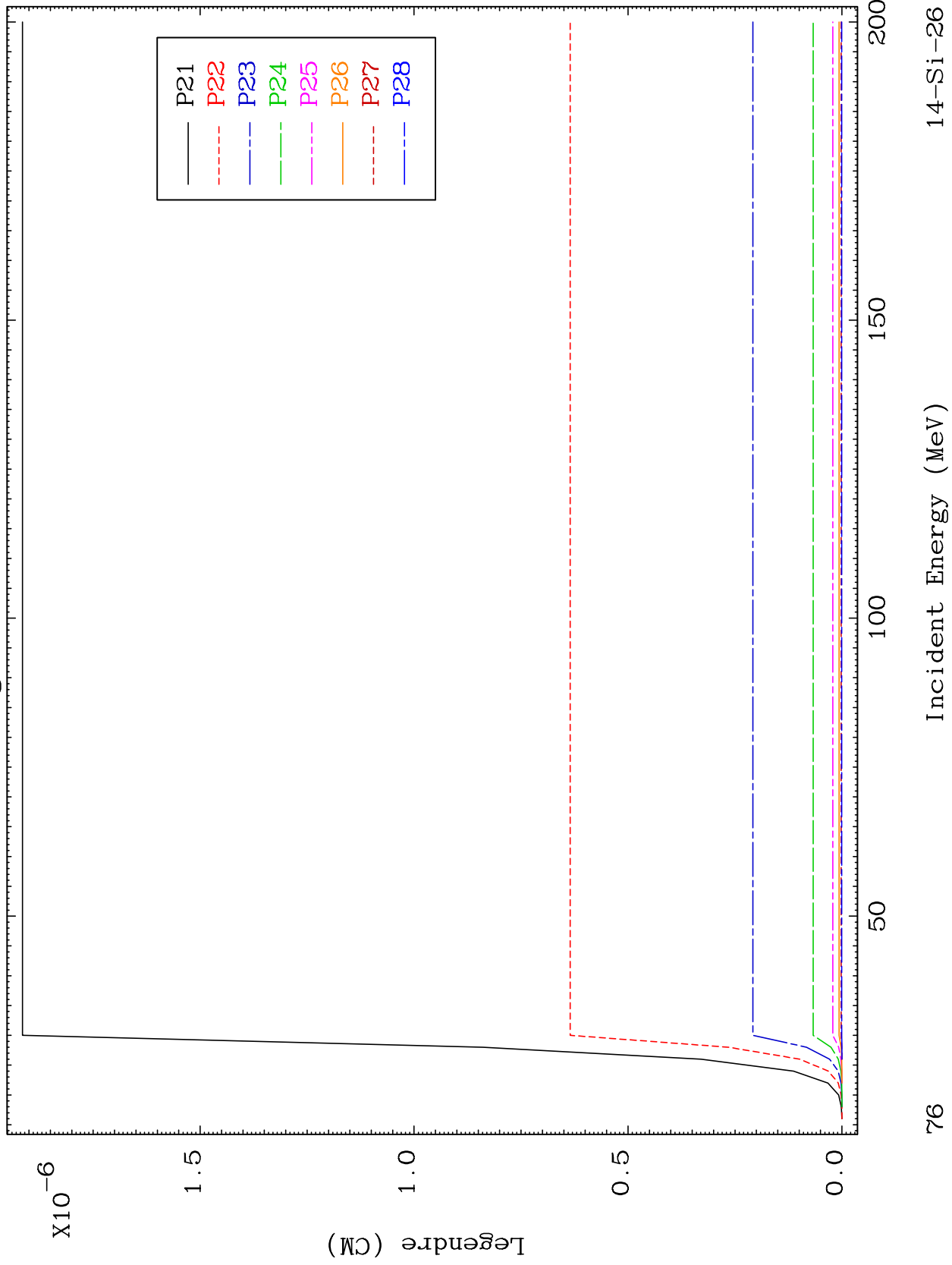
Incident Energy (MeV)

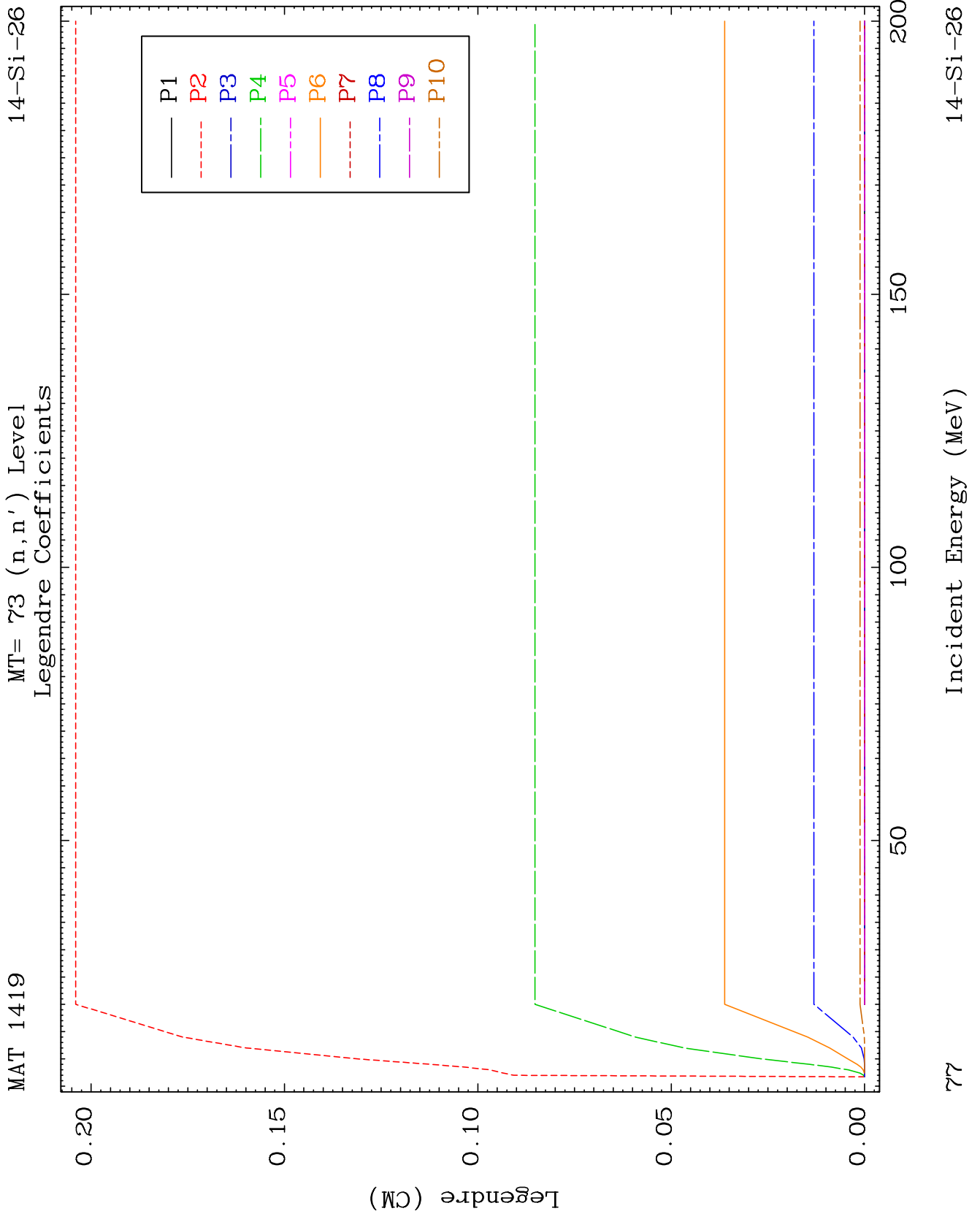
14-Si-26

MAT 1419

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

14-Si-26

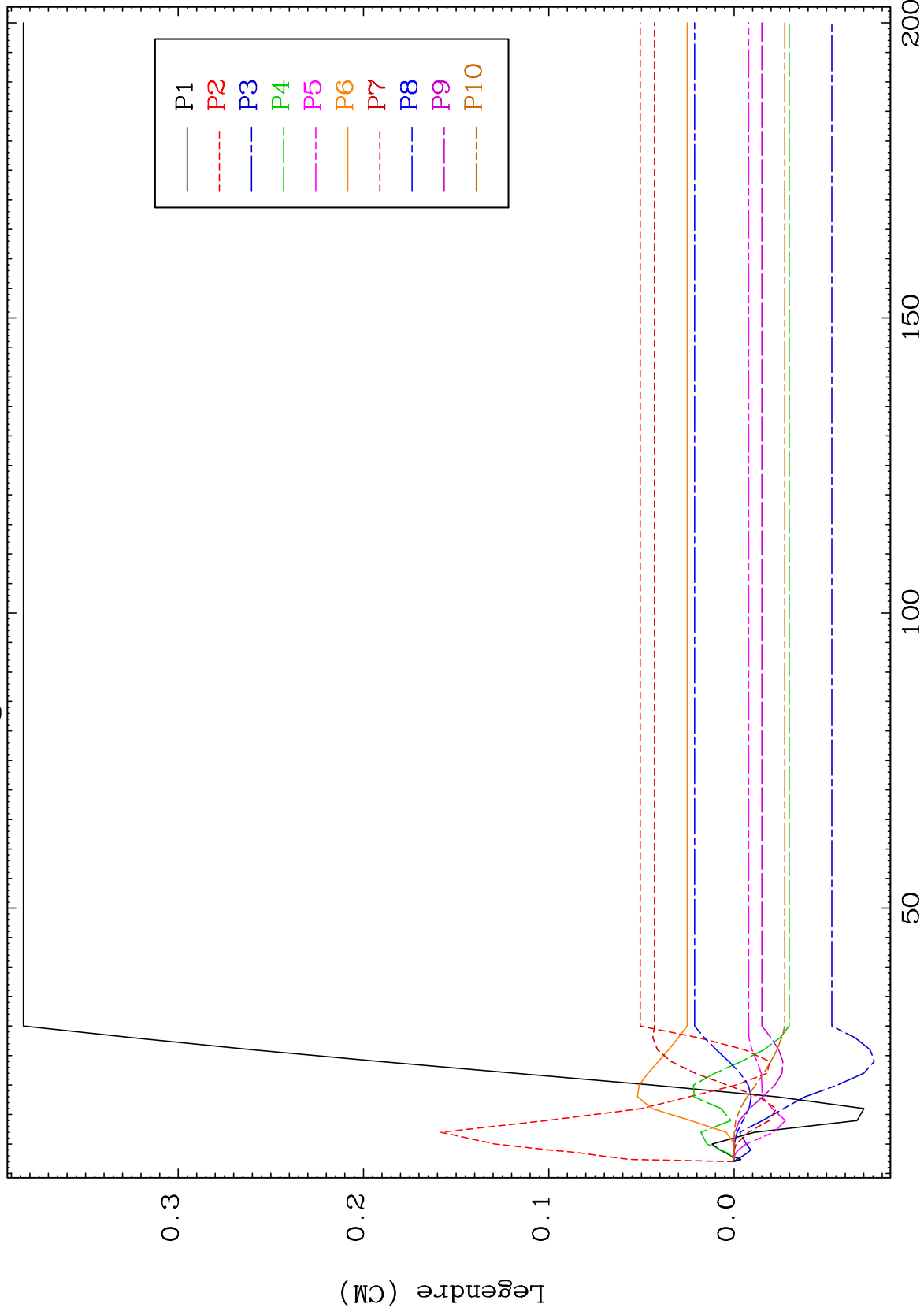




MAT 1419

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

14-Si-26



79

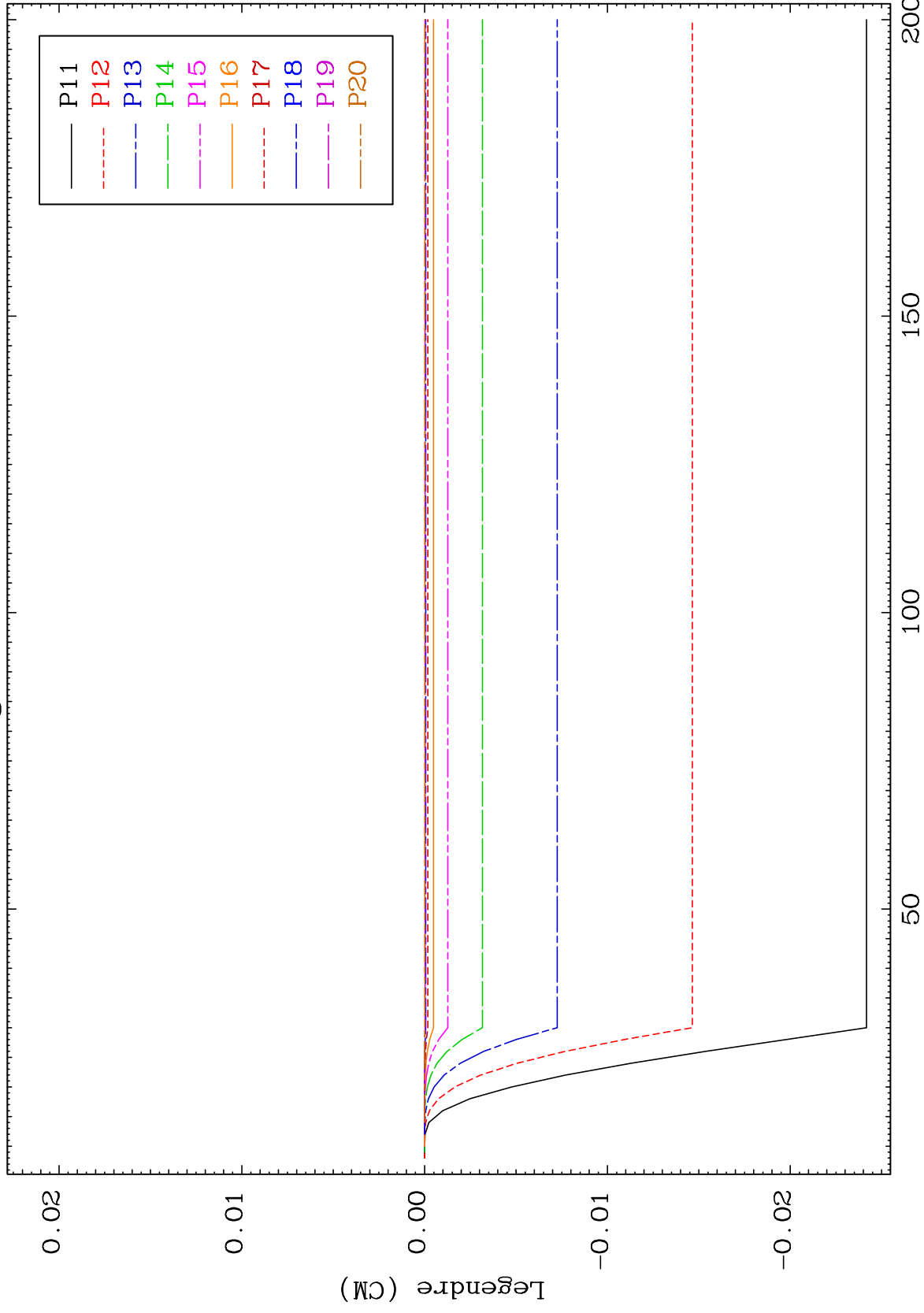
Incident Energy (MeV)

14-Si-26

MAT 1419

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

¹⁴Si-26



80

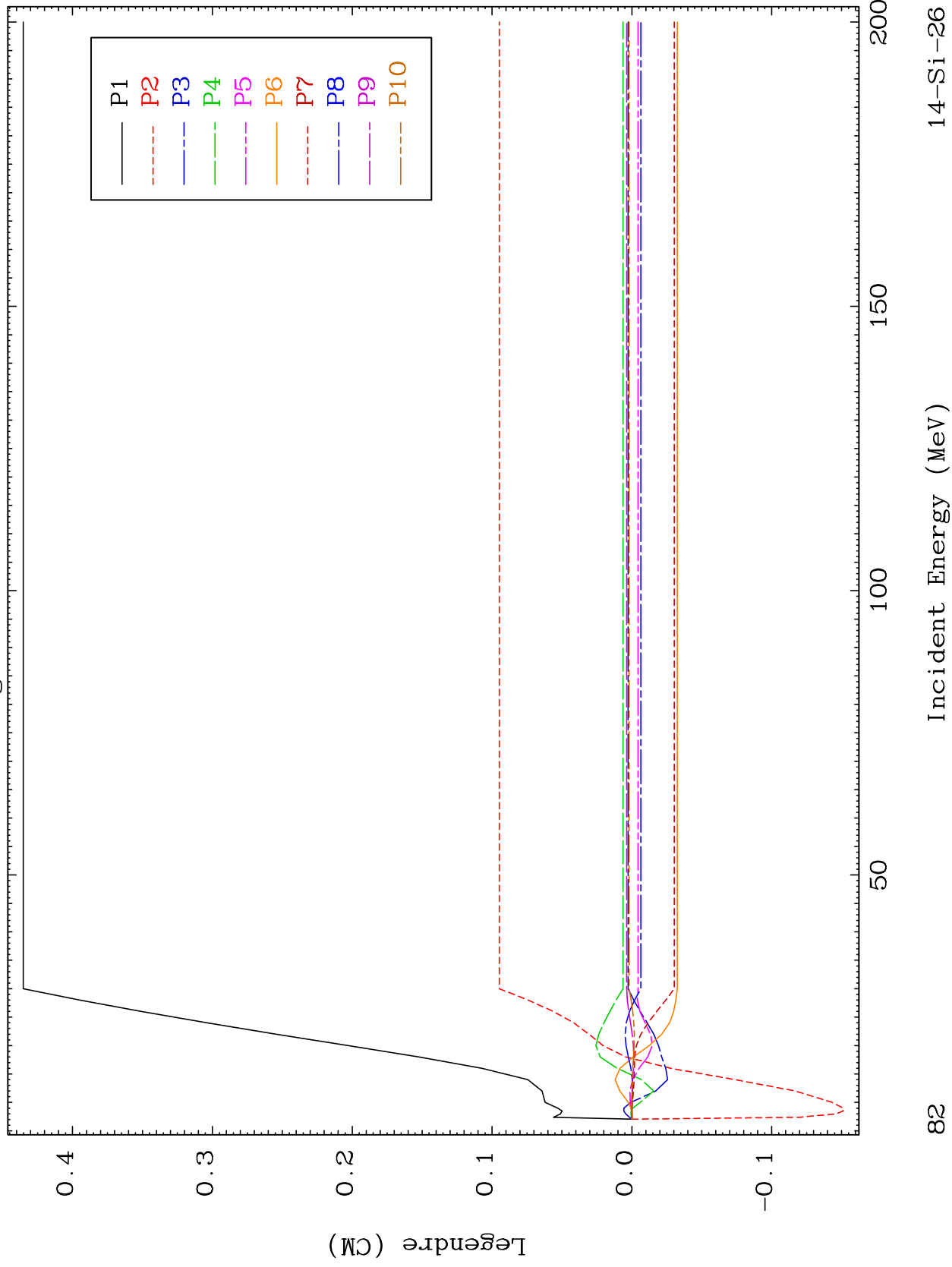
Incident Energy (MeV)

¹⁴Si-26

MAT 1419

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

14-Si-26



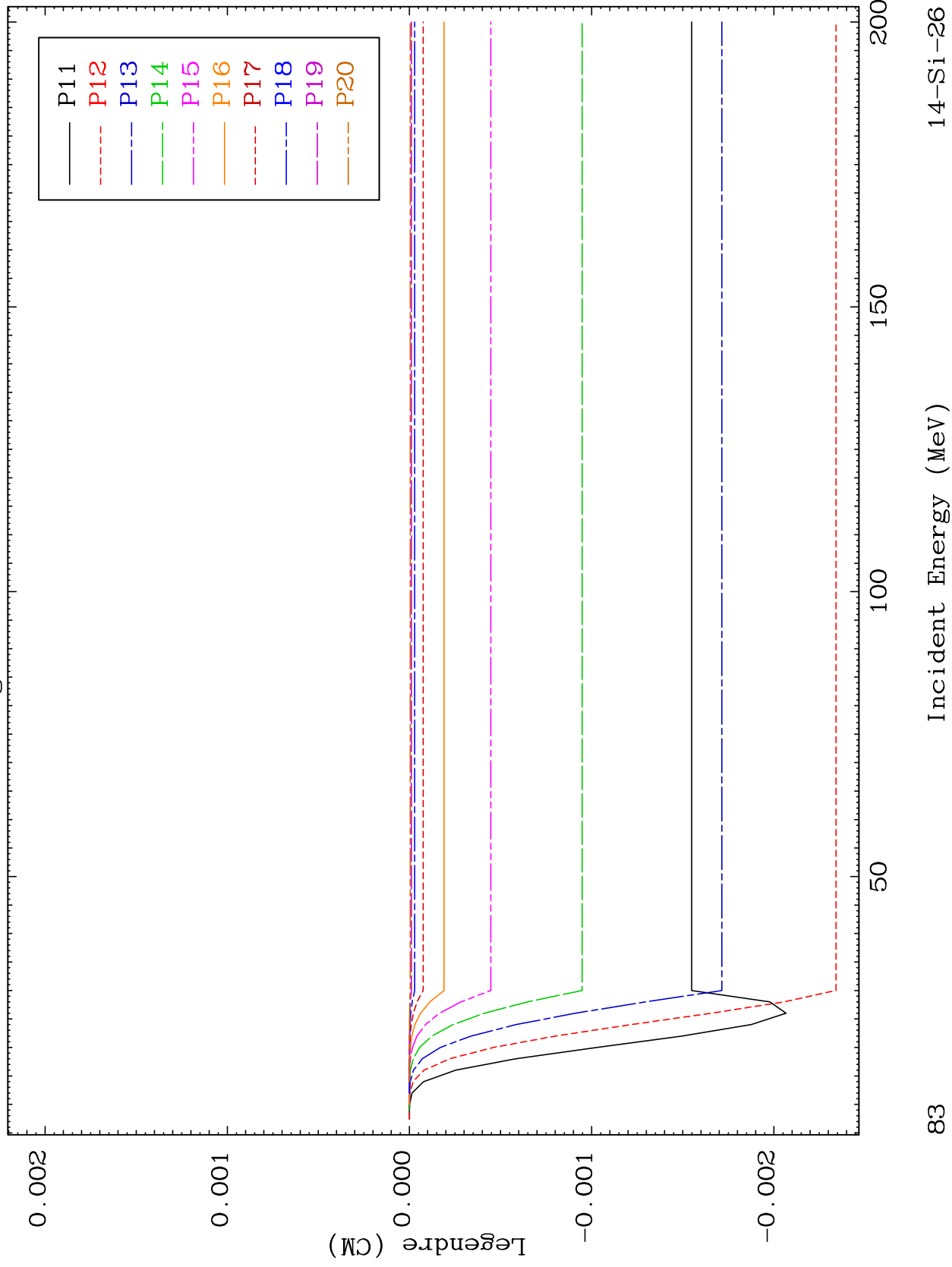
82

14-Si-26

MAT 1419

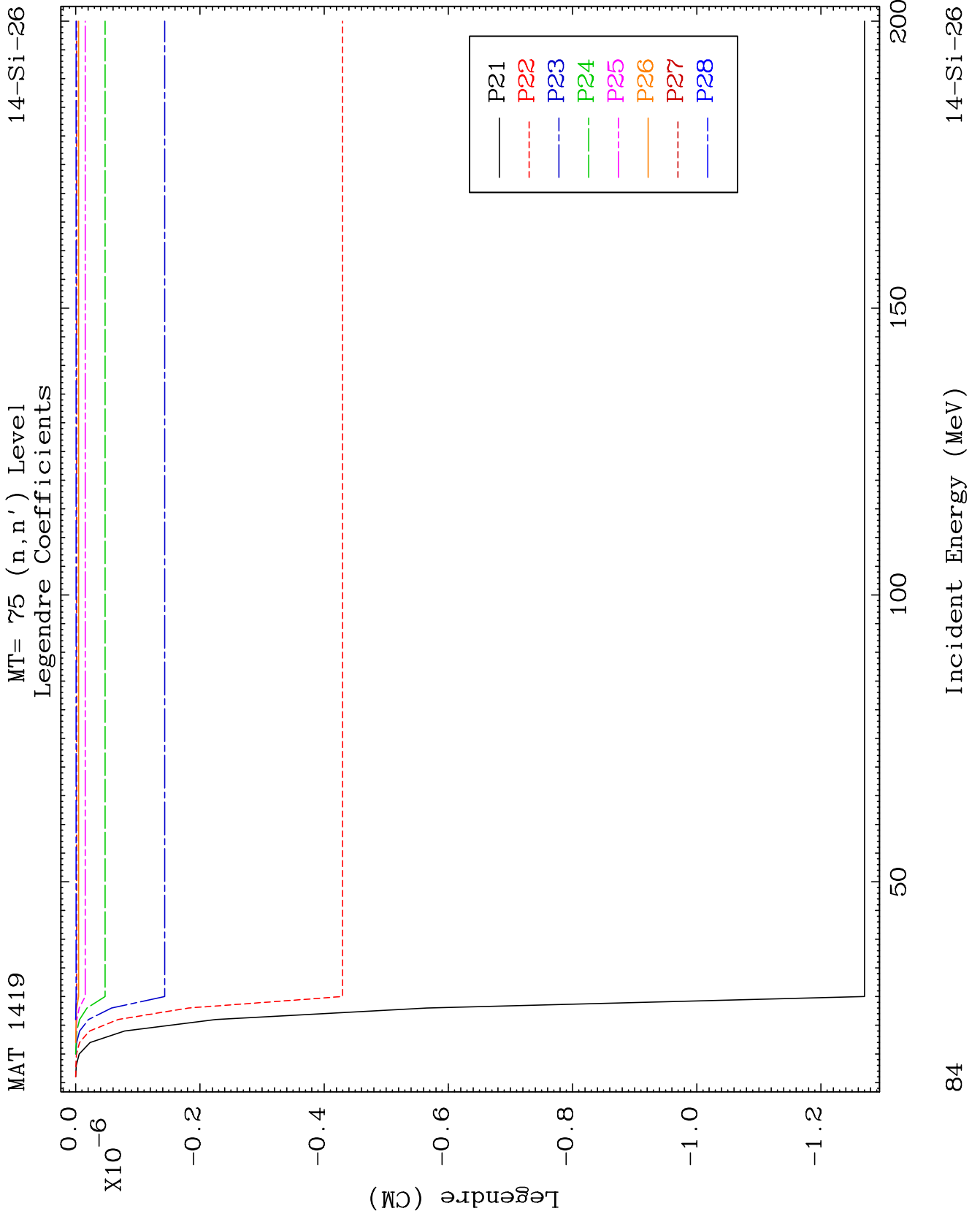
MT= 75 (n,n') Level
Legendre Coefficients

14-Si-26

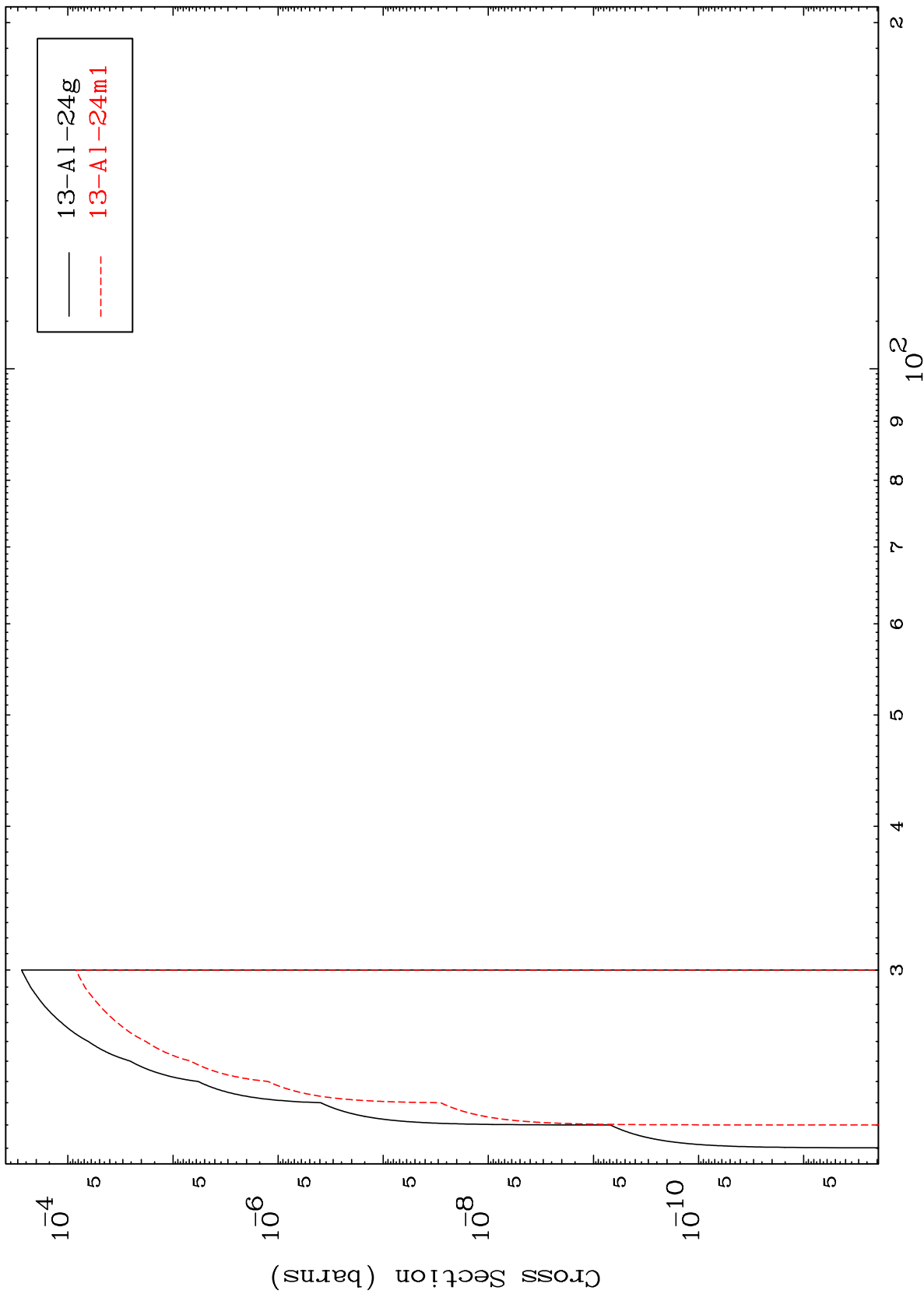


83

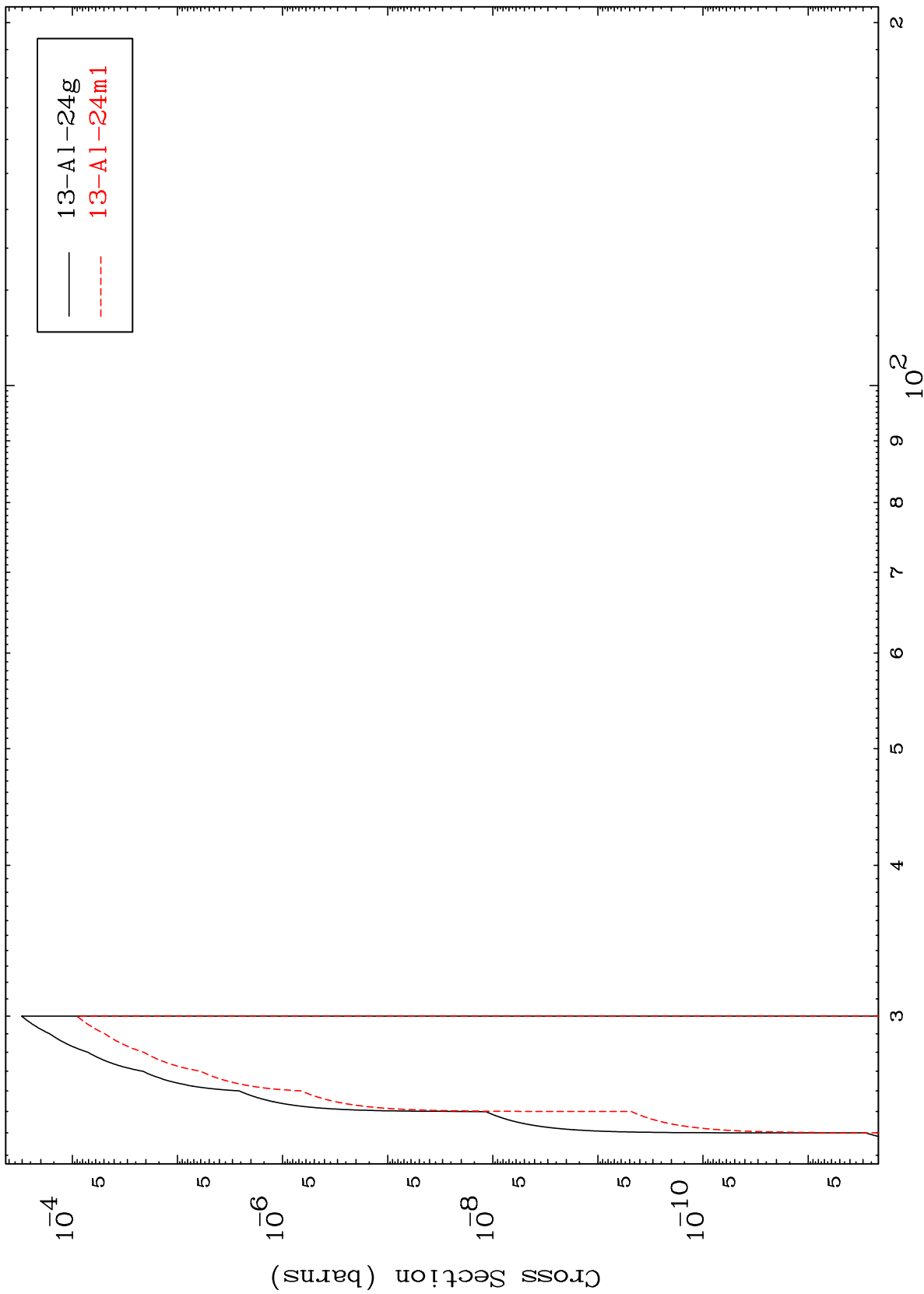
14-Si-26



Radionuclide Production Cross Section

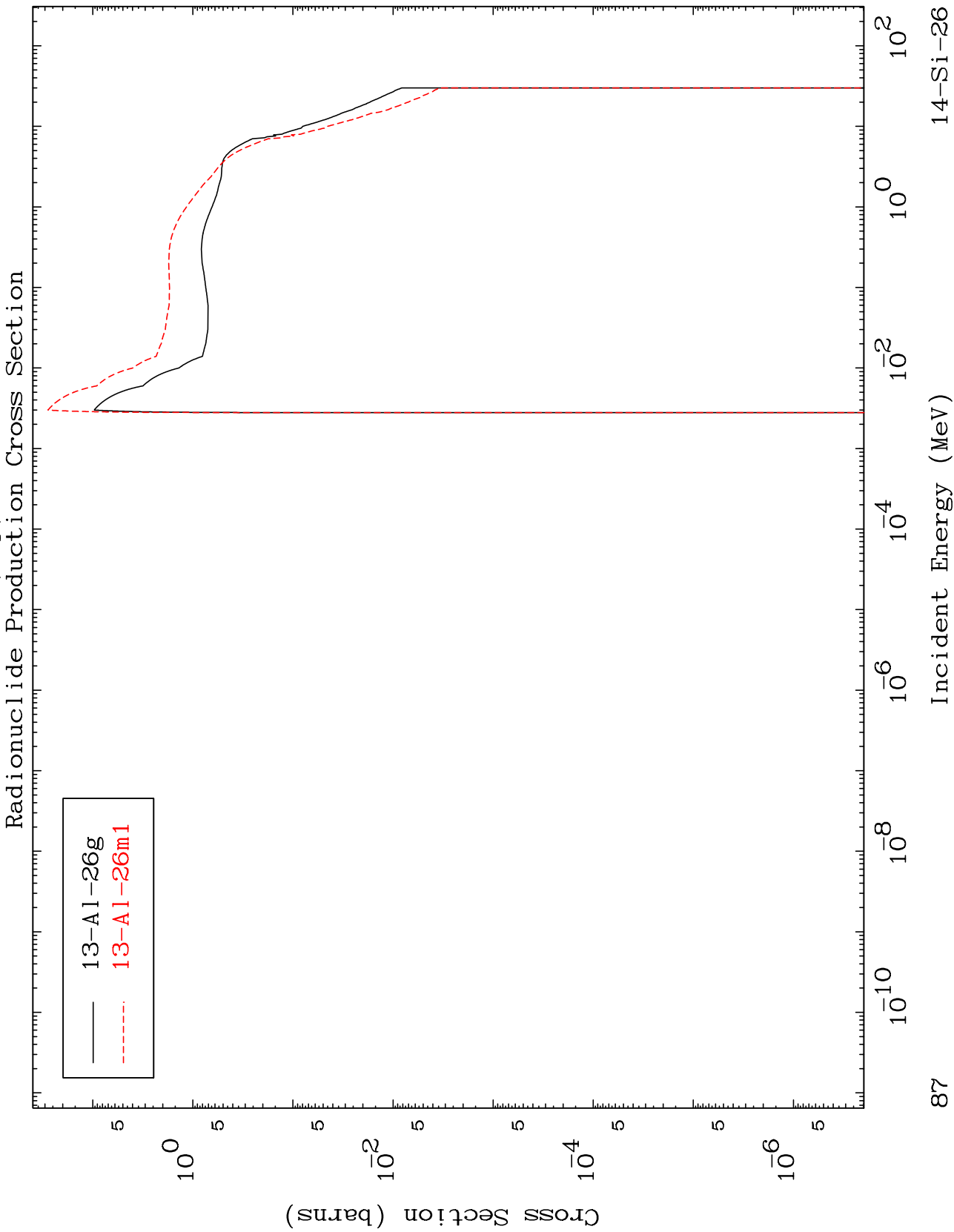


Radionuclide Production Cross Section



MAT 1419

14-Si-26



(n,t)
Radionuclide Production Cross Section

