

Program EVALPLOT
(Version 2018-1)

by

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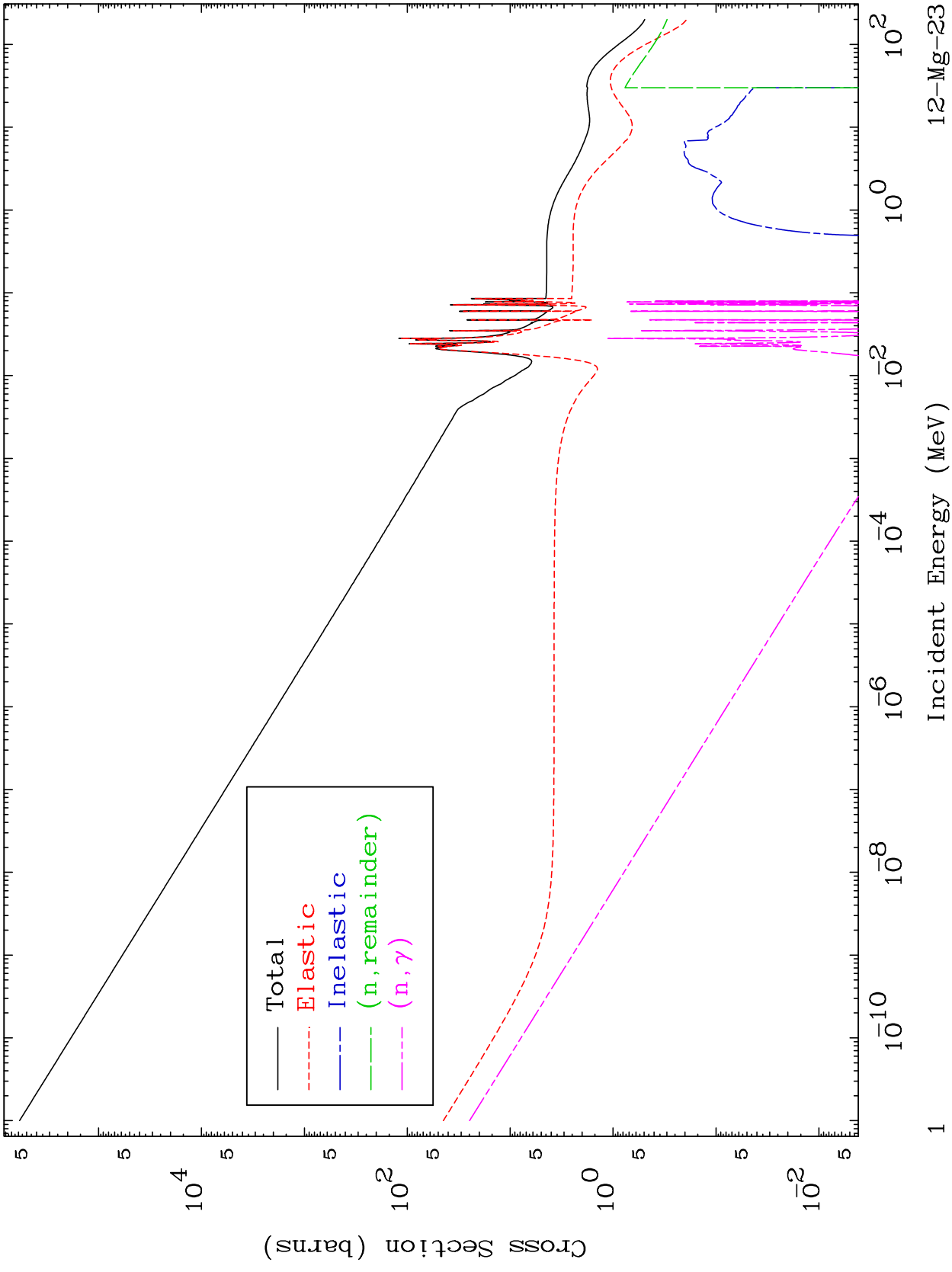
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1222

Major
293 Kelvin Cross Sections

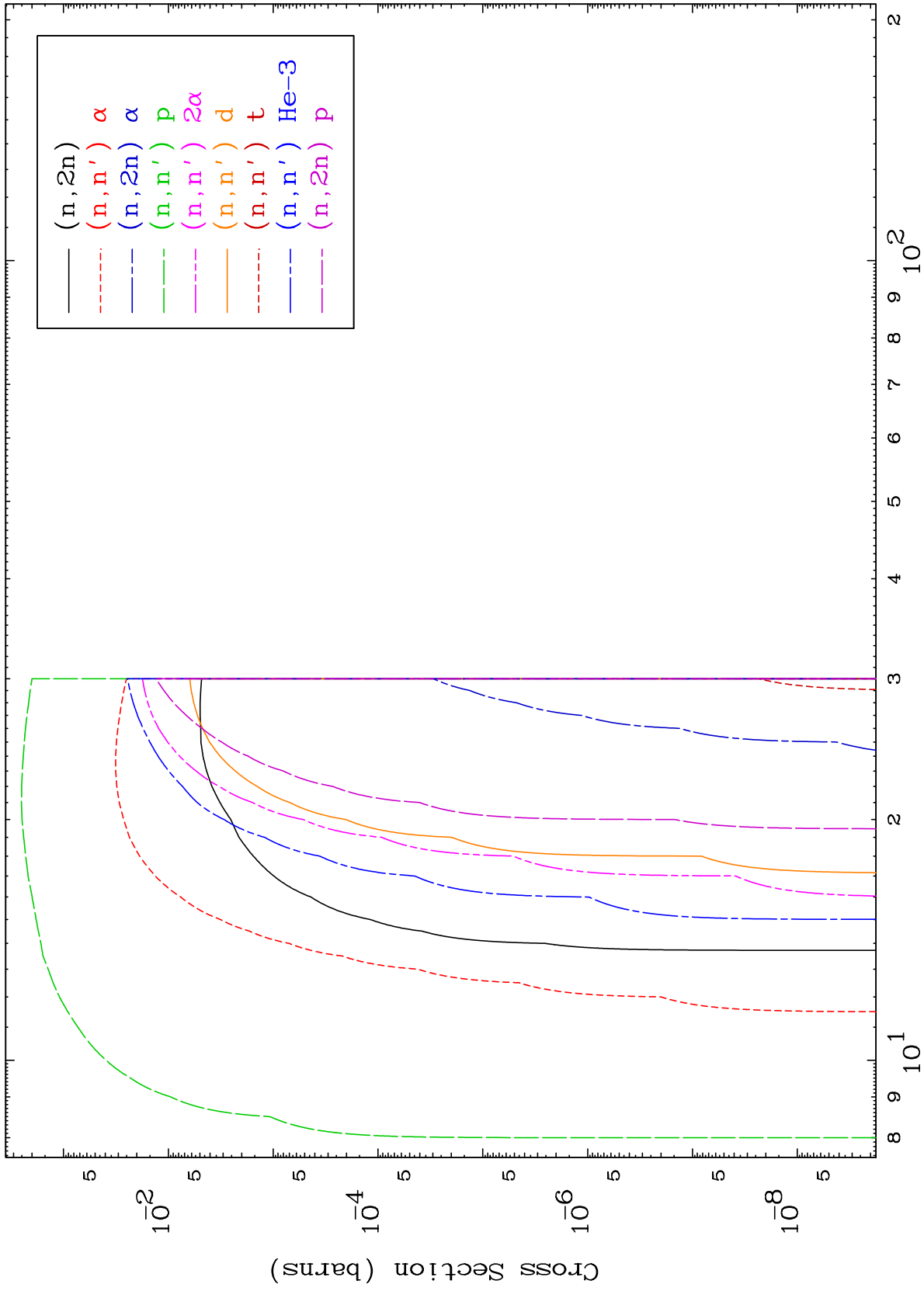
12-Mg-23



MAT 1222

Neutron Production
293 Kelvin Cross Sections

12-Mg-23



2

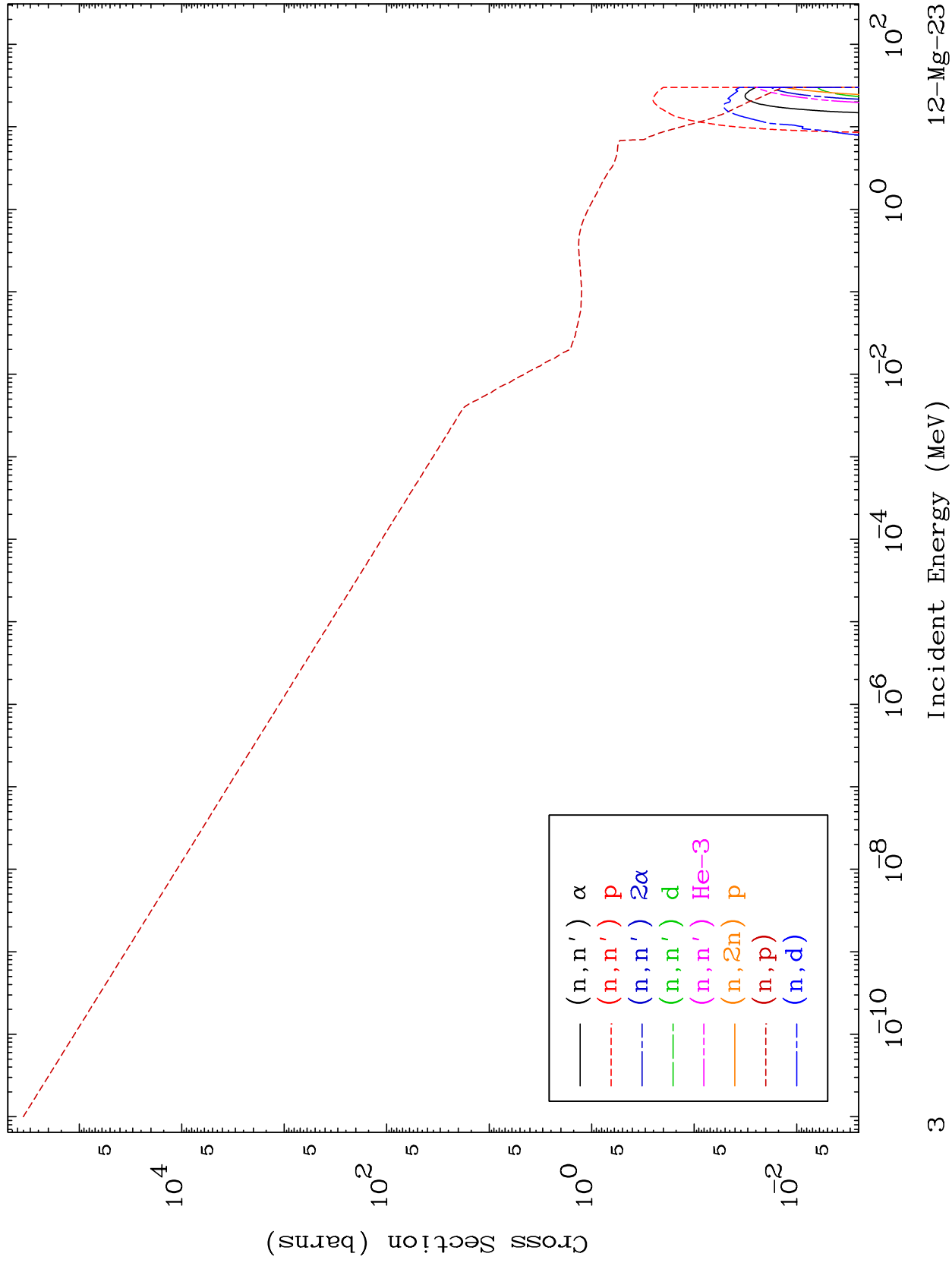
Incident Energy (MeV)

12-Mg-23

MAT 1222

293 Kelvin Cross Sections

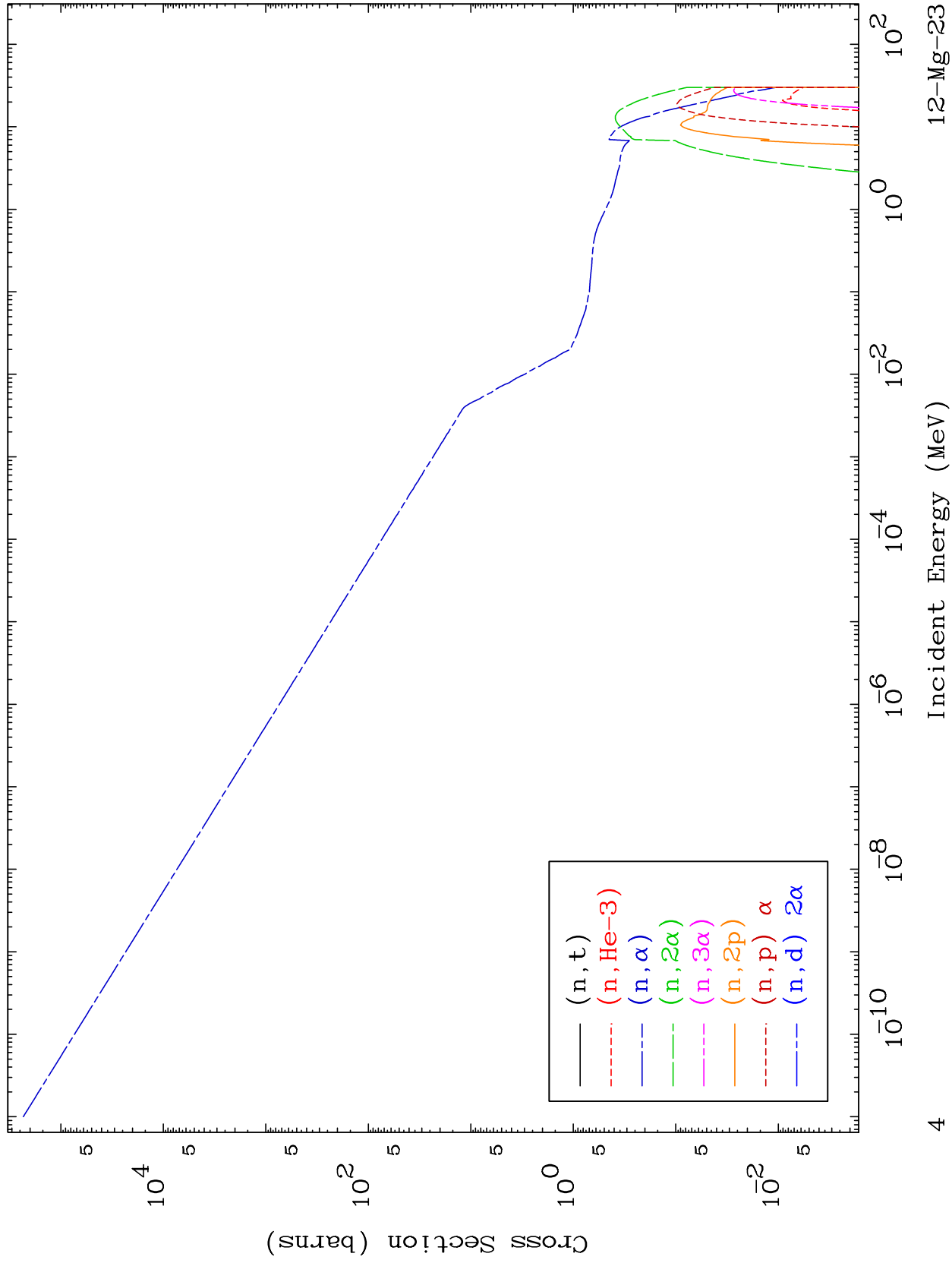
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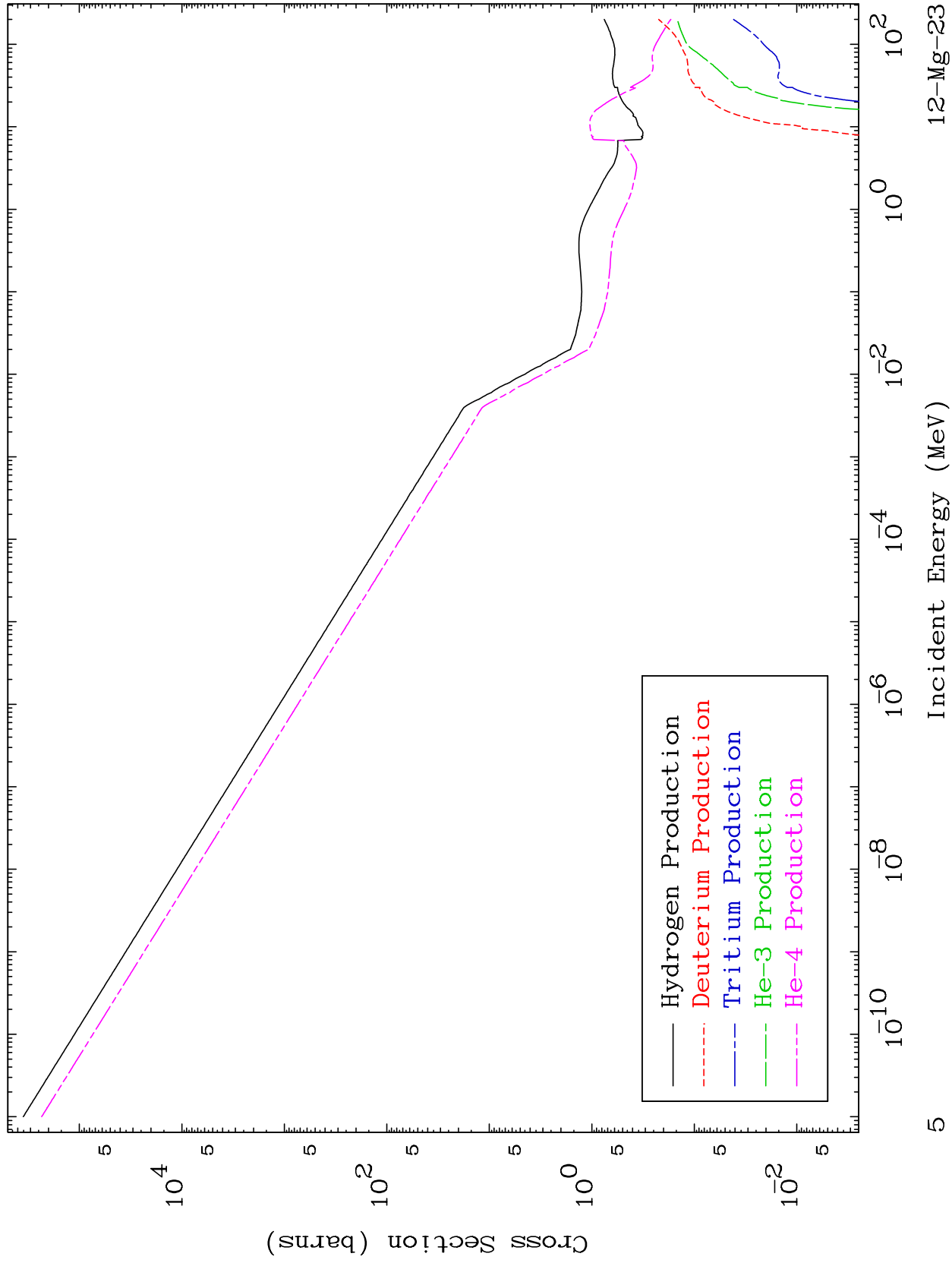


MAT 1222

293 Charged Particle
Kelvin Cross Sections

12-Mg-23

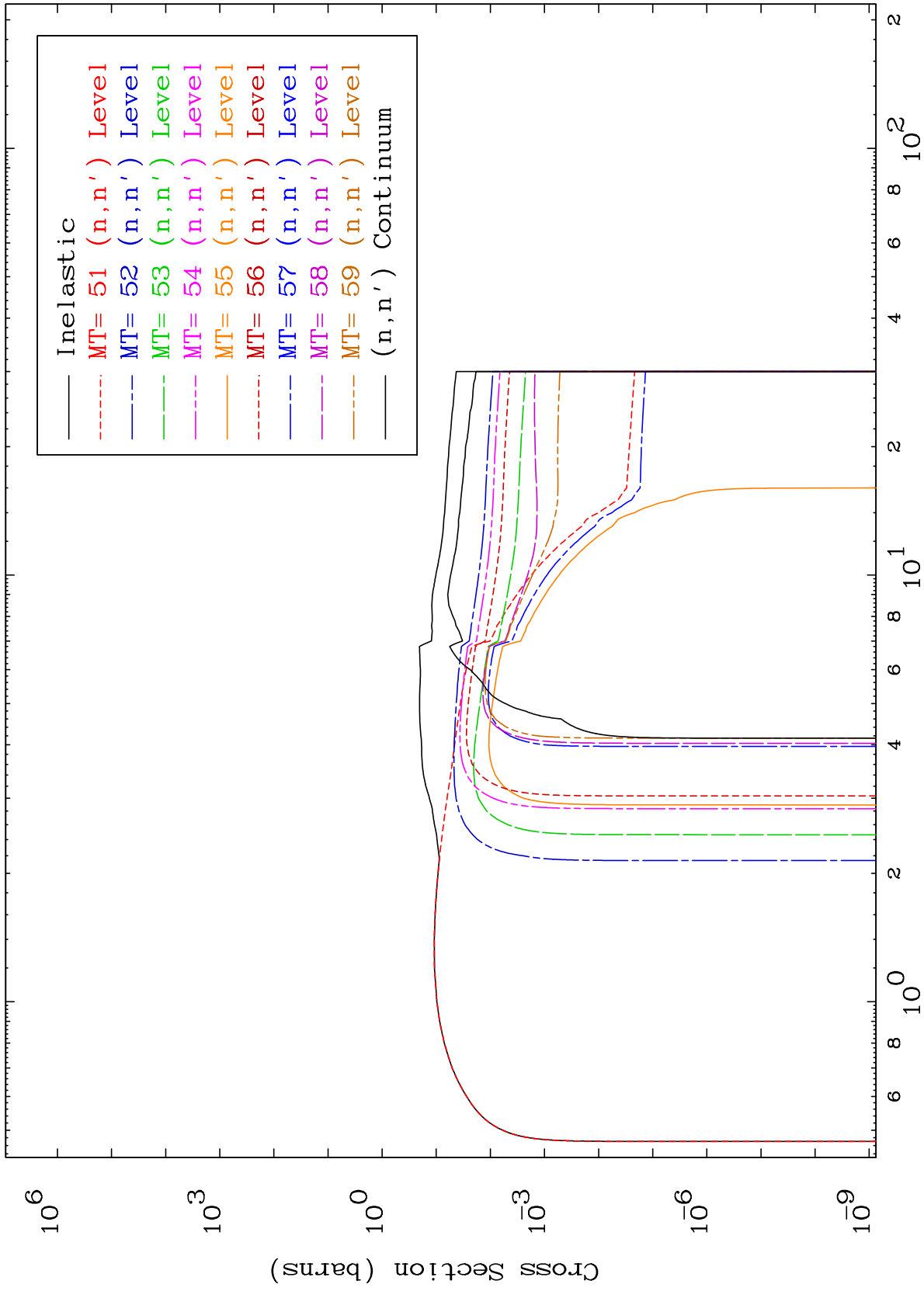




MAT 1222

(n,n') Level
293 Kelvin Cross Sections

12-Mg-23



6

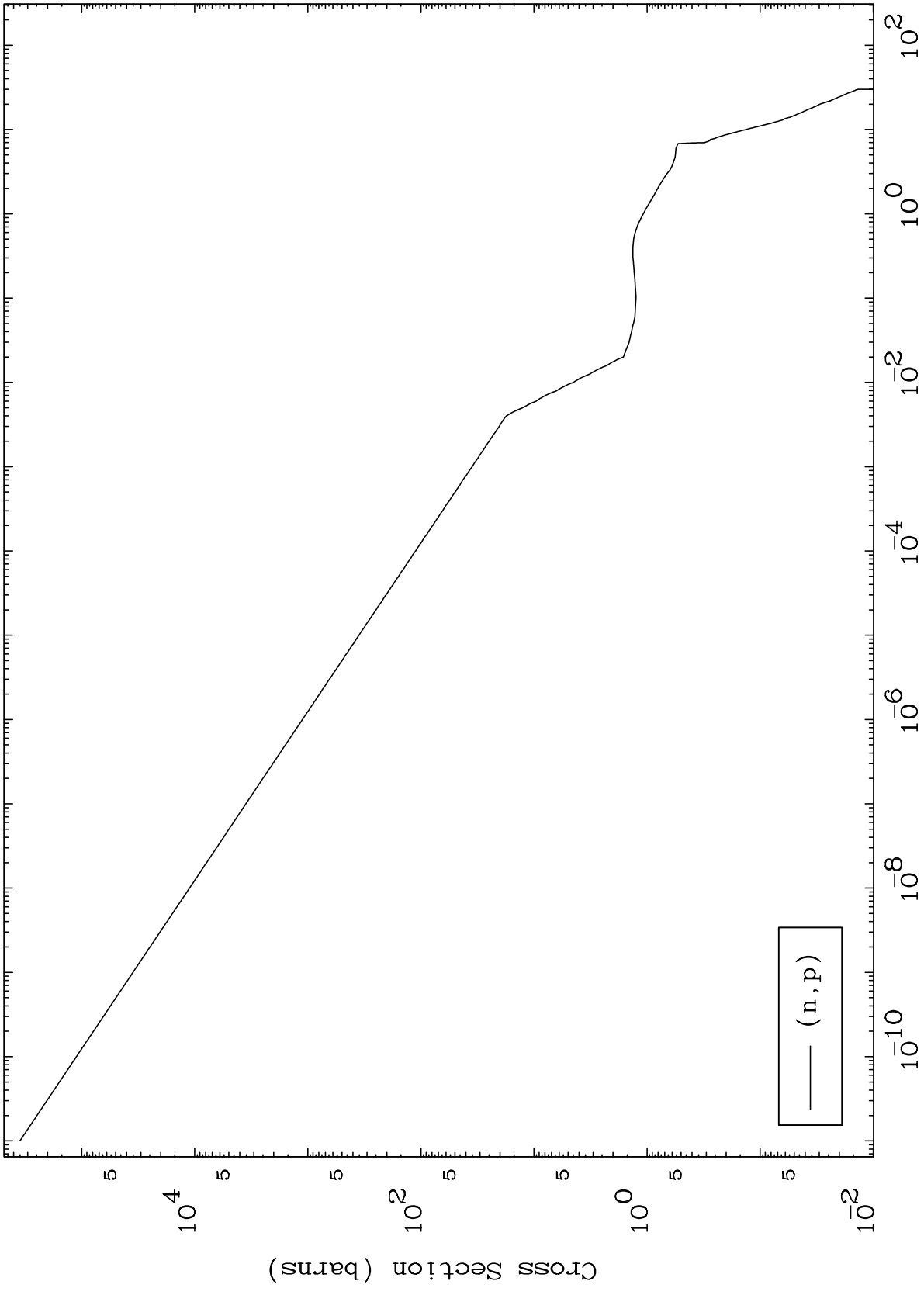
Incident Energy (MeV)

12-Mg-23

MAT 1222

(n,p) Levels
293 Kelvin Cross Sections

12-Mg-23



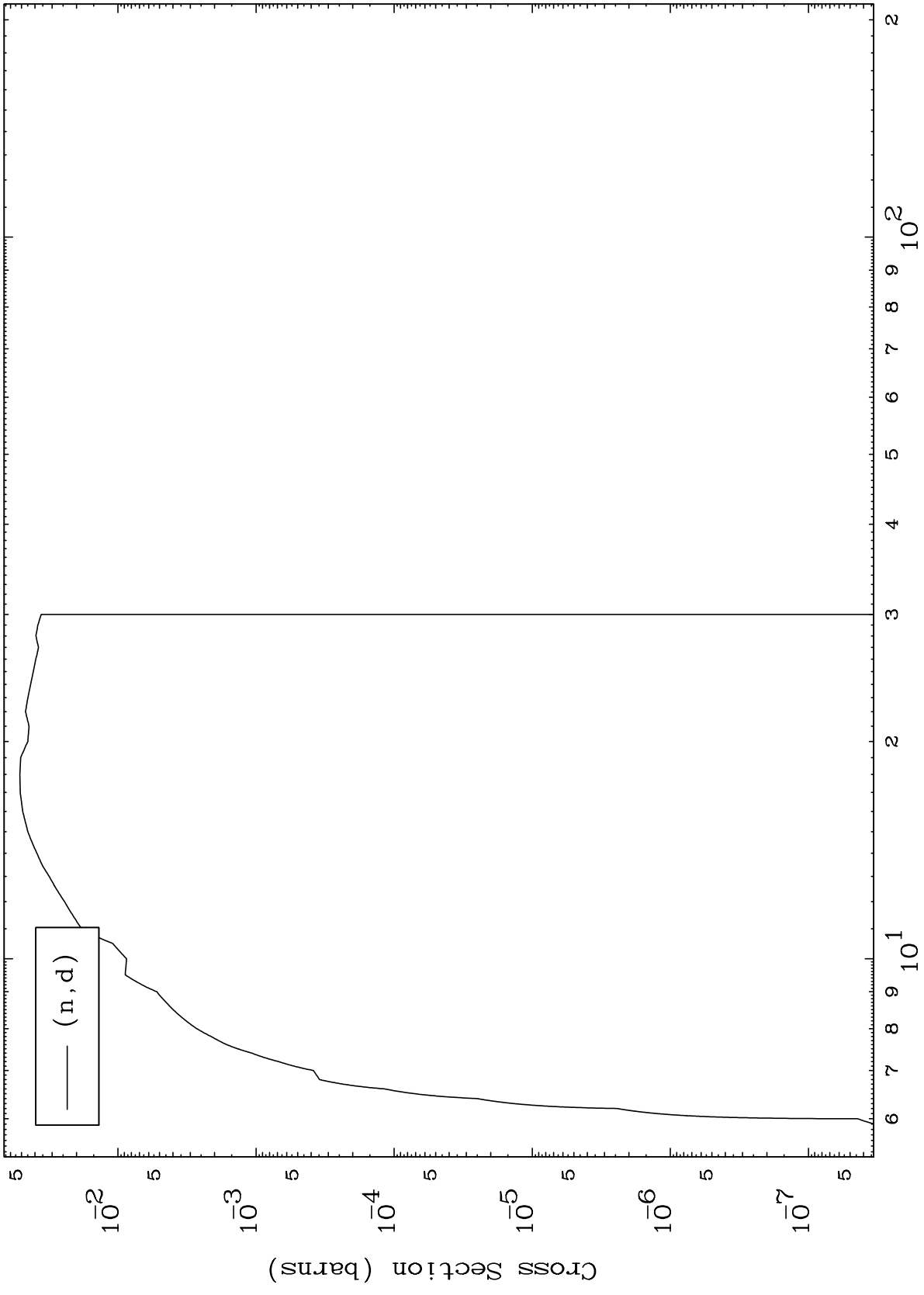
— (n, p)

12-Mg-23

MAT 1222

(n,d) Levels
293 Kelvin Cross Sections

12-Mg-23



8

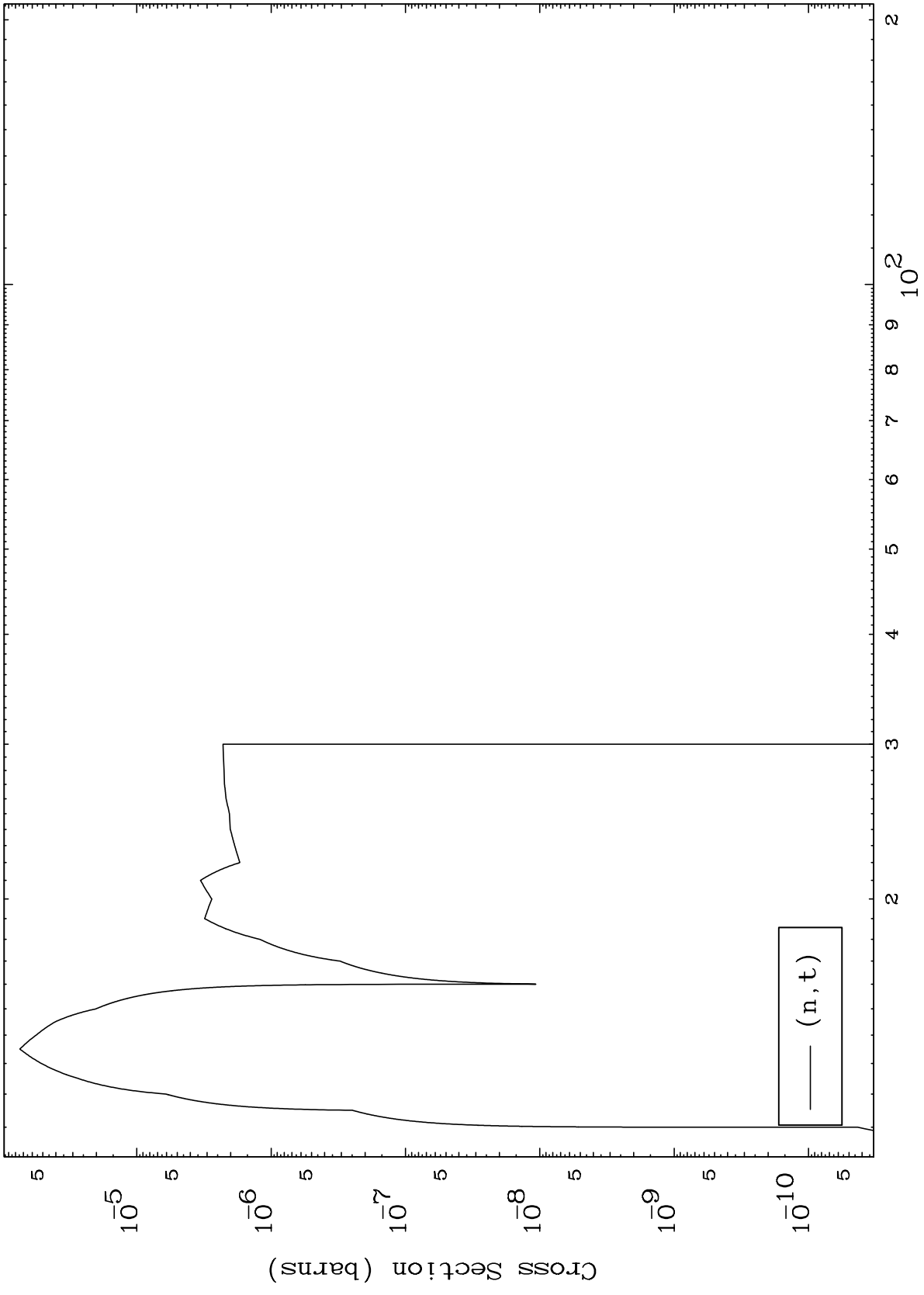
Incident Energy (MeV)

12-Mg-23

MAT 1222

(n,t) Levels
293 Kelvin Cross Sections

12-Mg-23



9

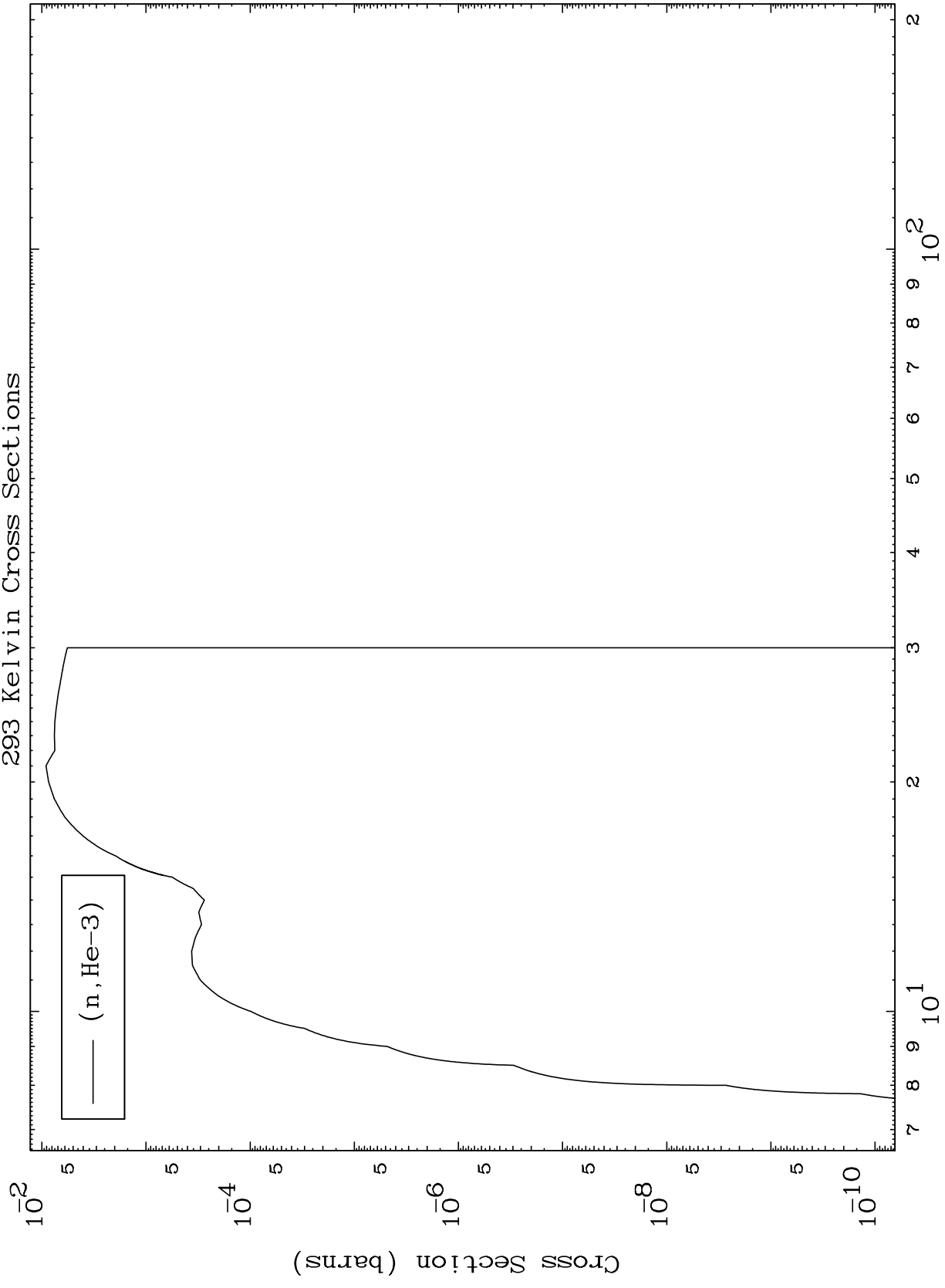
Incident Energy (MeV)

12-Mg-23

MAT 1222

(n,He3) Levels
293 Kelvin Cross Sections

12-Mg-23



10

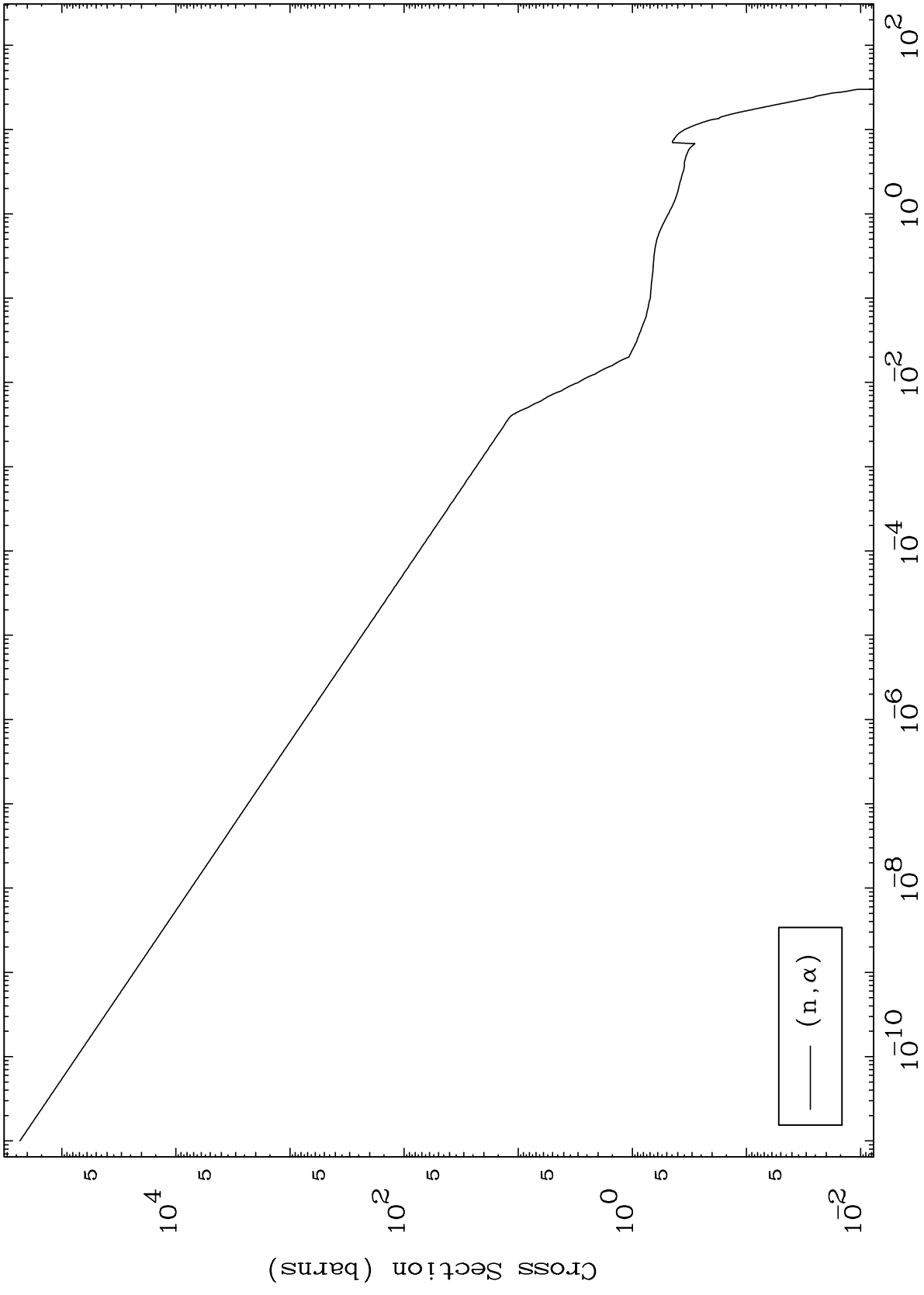
Incident Energy (MeV)

12-Mg-23

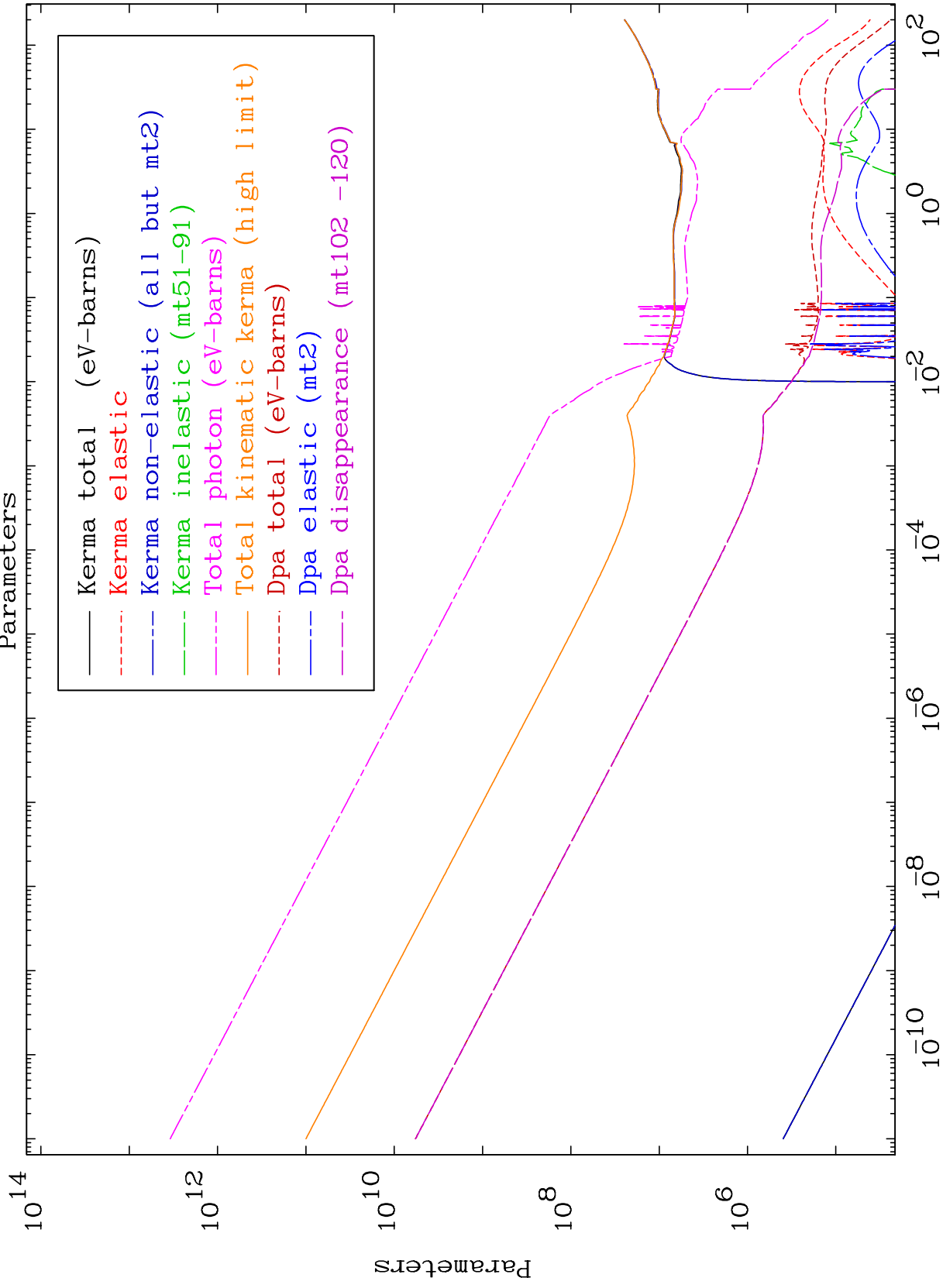
MAT 1222

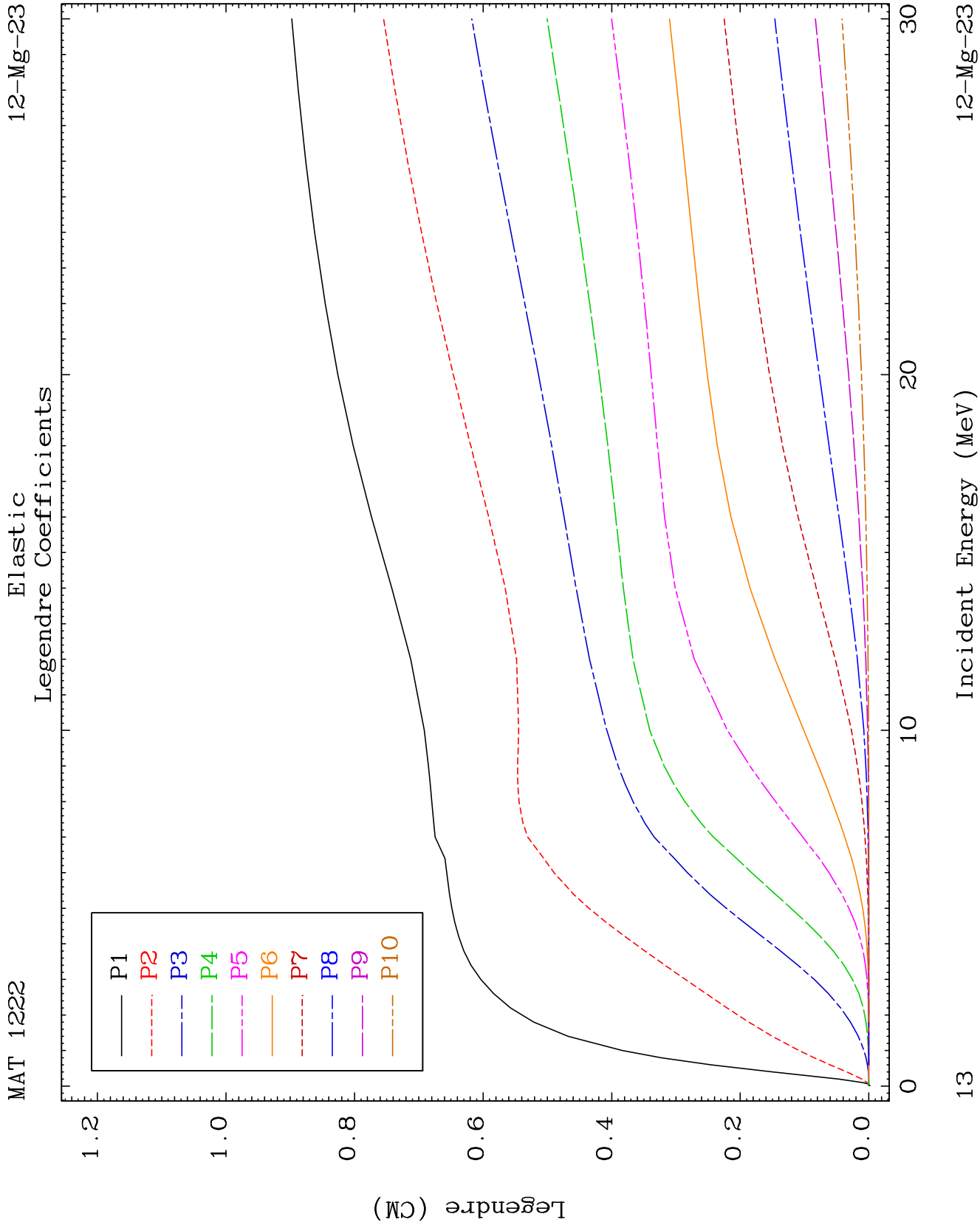
(n,α) Levels
293 Kelvin Cross Sections

12-Mg-23



— (n,α)

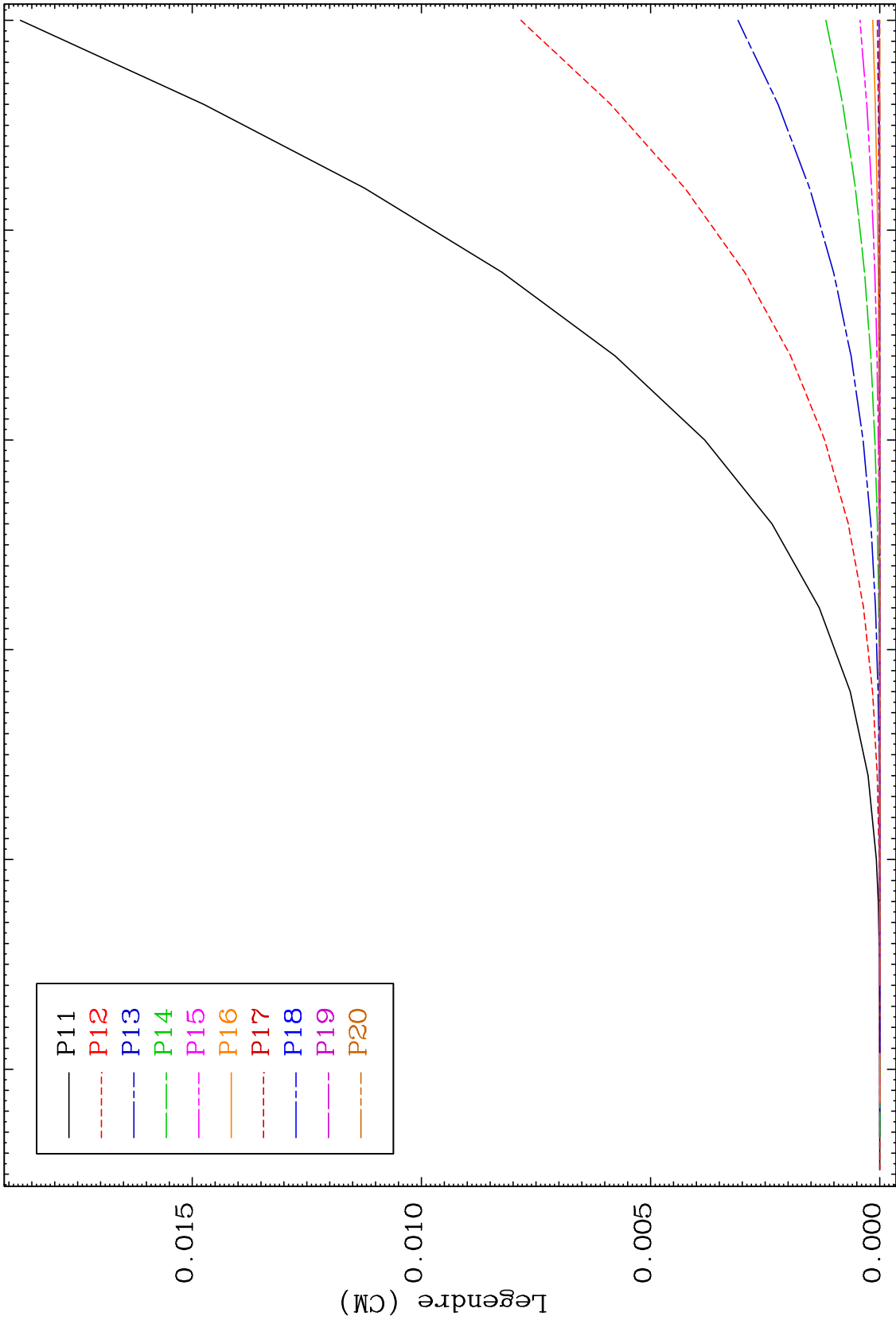




MAT 1222

Elastic Legendre Coefficients

¹²Mg-23



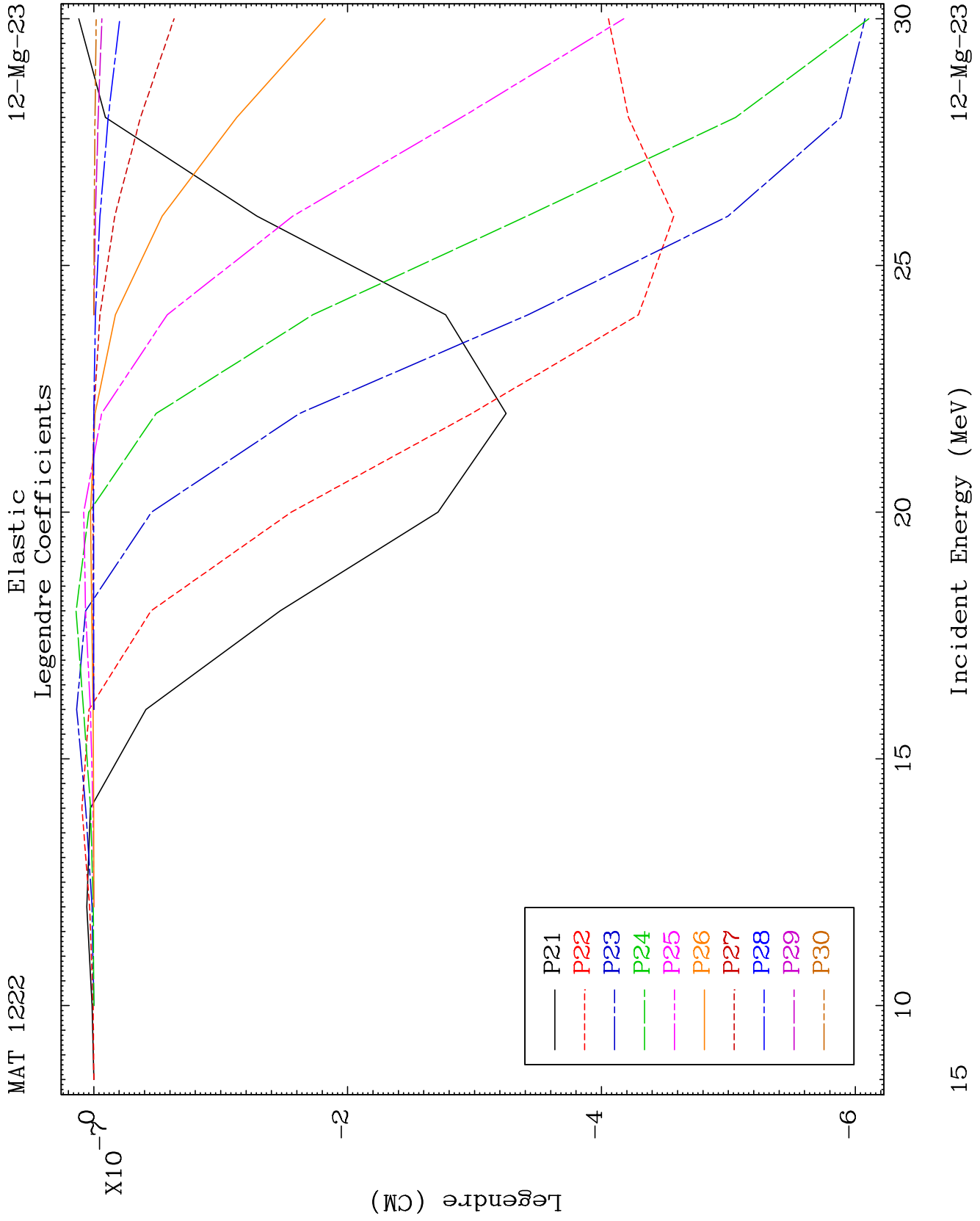
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18
- P19
- P20

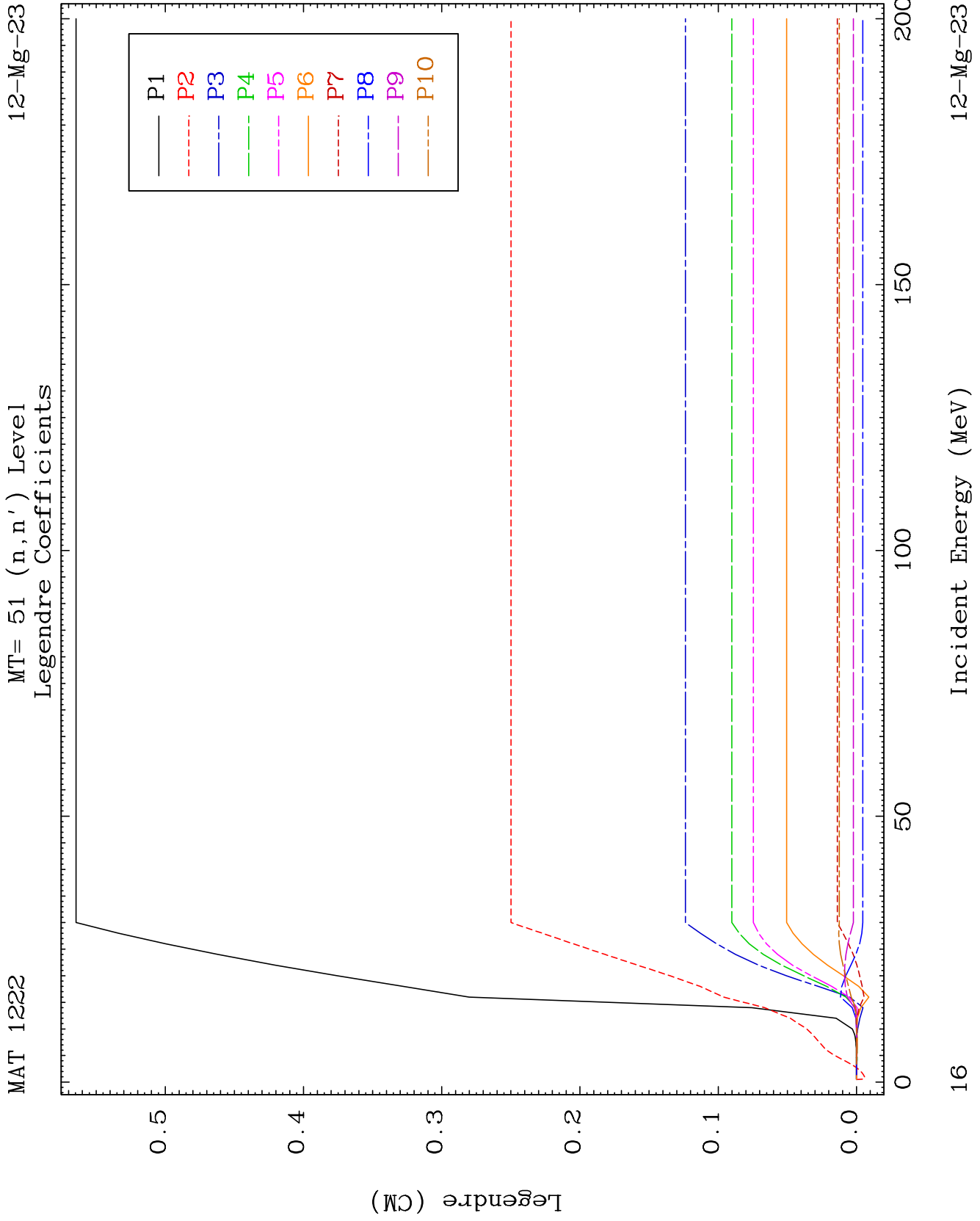
14

¹²Mg-23

Incident Energy (MeV)

Legendre (CM)

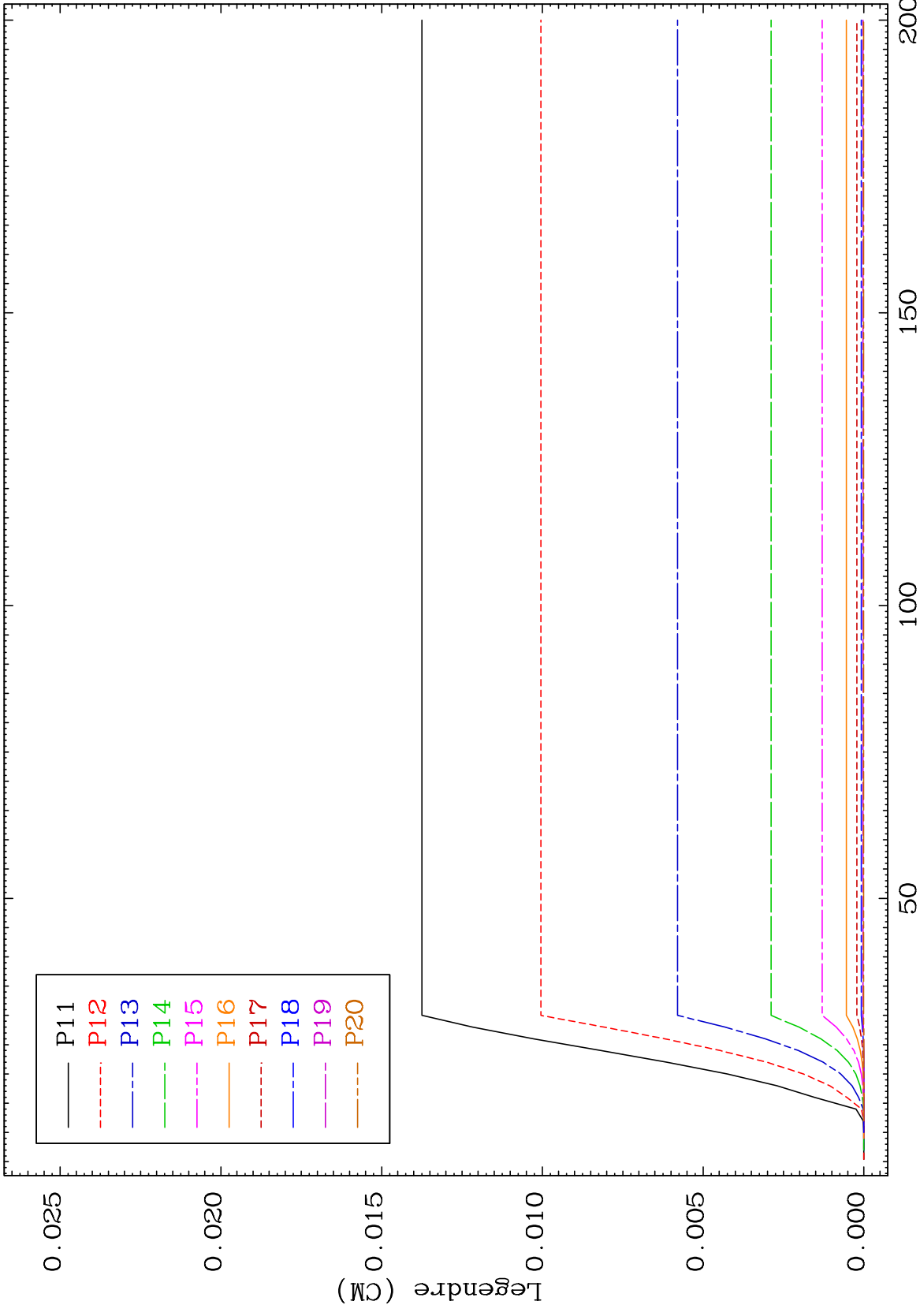




MAT 1222

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

12-Mg-23



17

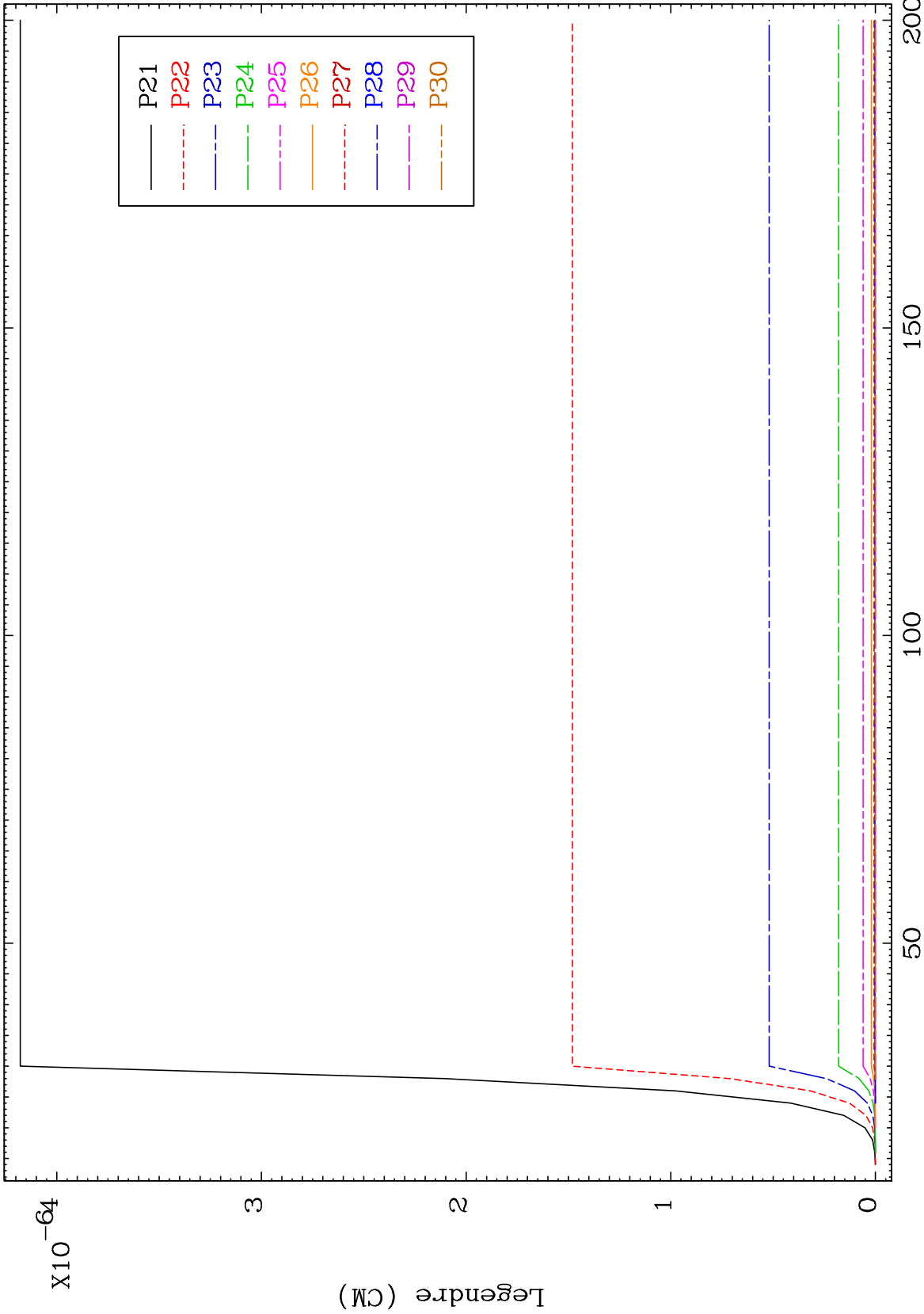
Incident Energy (MeV)

12-Mg-23

MAT 1222

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

12-Mg-23

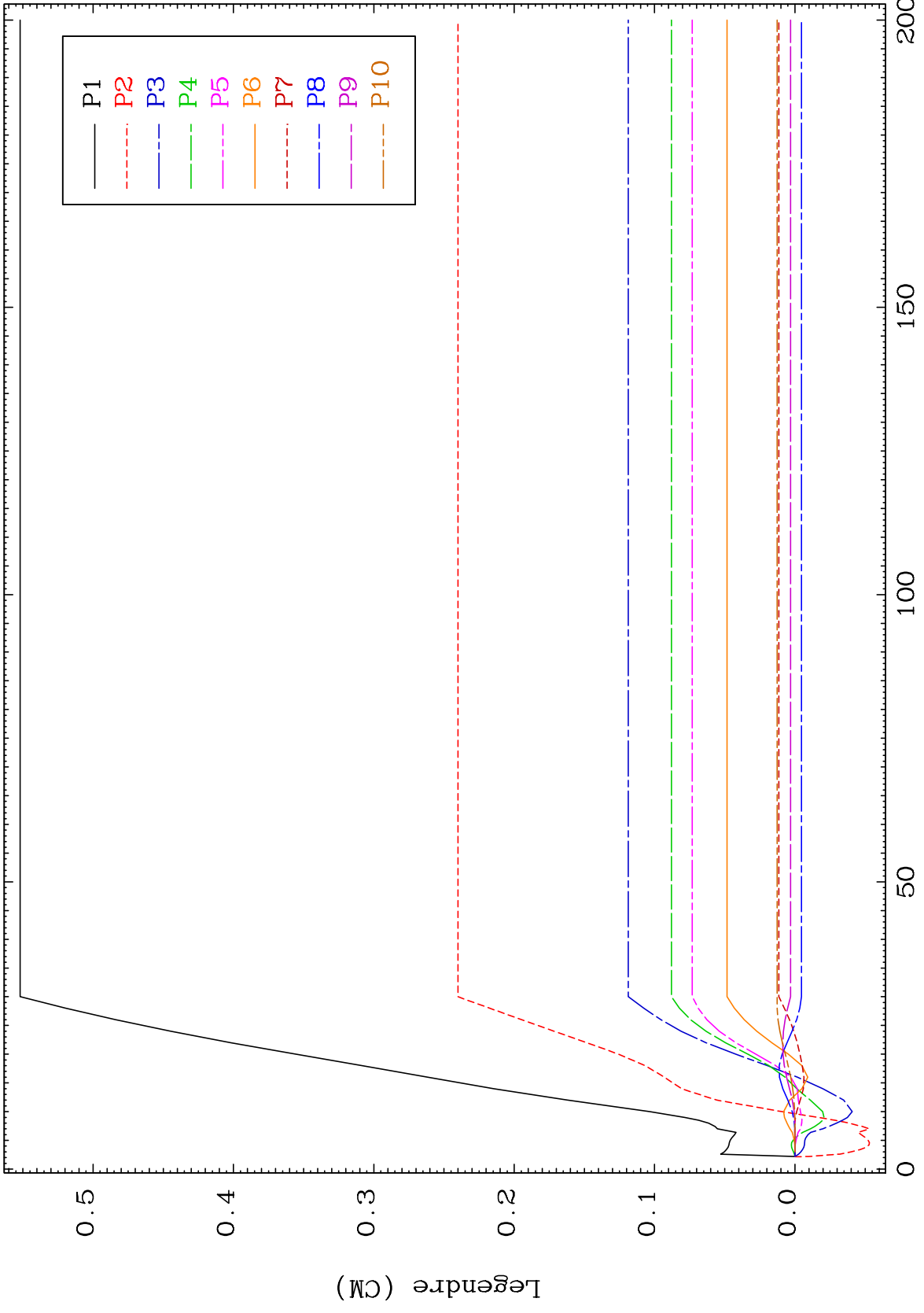


18

Incident Energy (MeV)

12-Mg-23

MAT 1222 MT= 52 (n,n') Level Legendre Coefficients 12-Mg-23

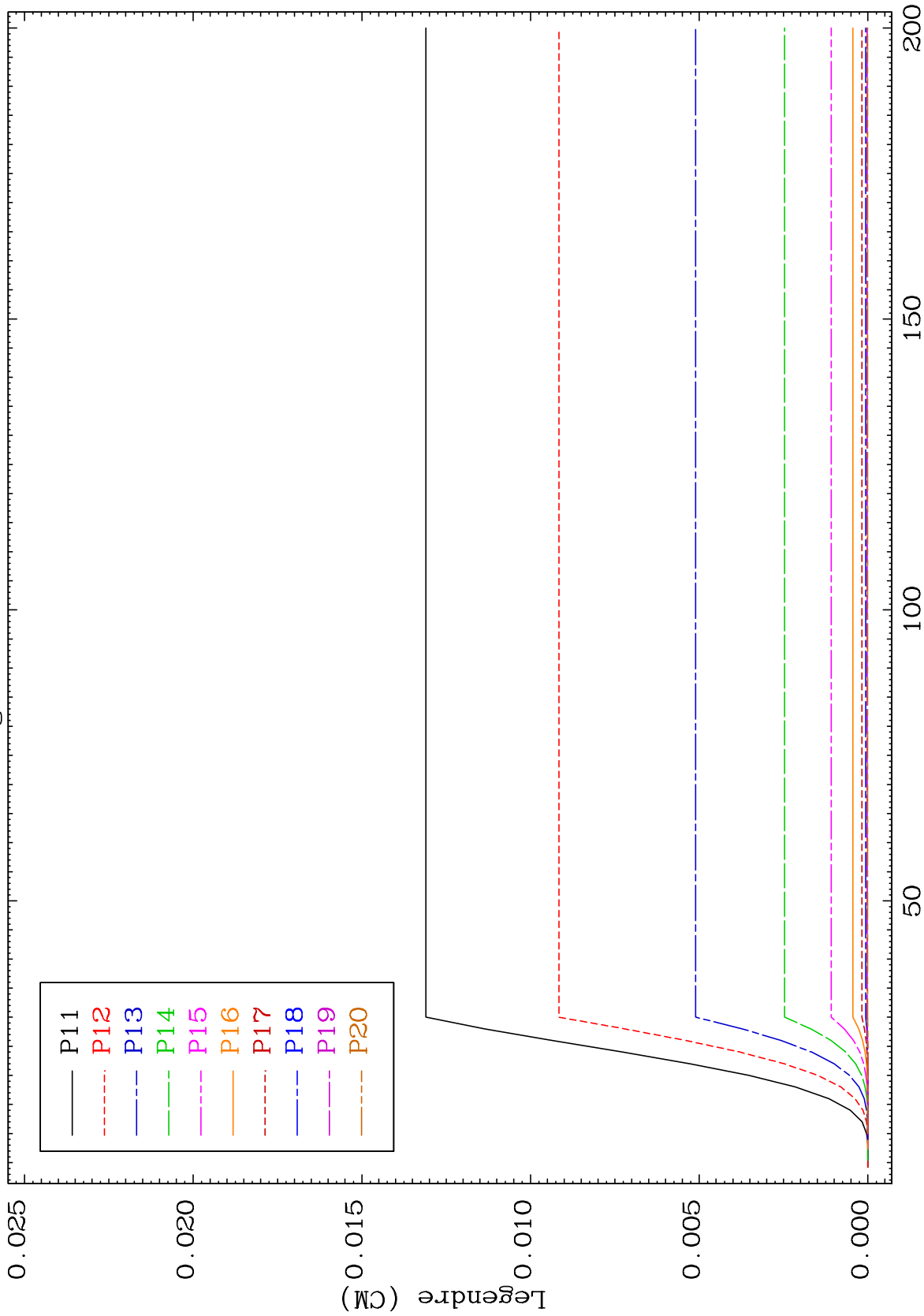


19 Incident Energy (MeV) 12-Mg-23

MAT 1222

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

12-Mg-23



20

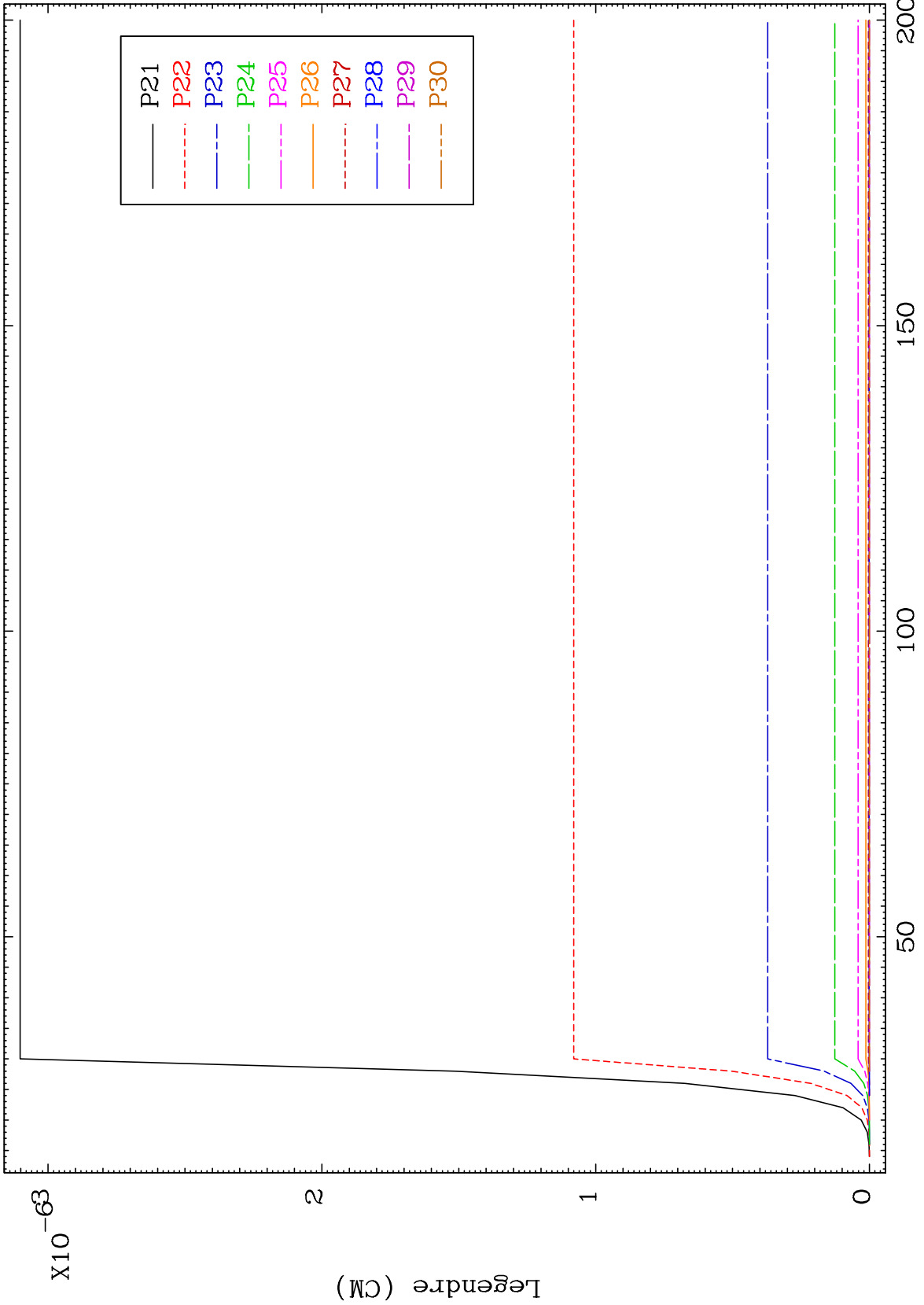
Incident Energy (MeV)

12-Mg-23

MAT 1222

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

12-Mg-23



21

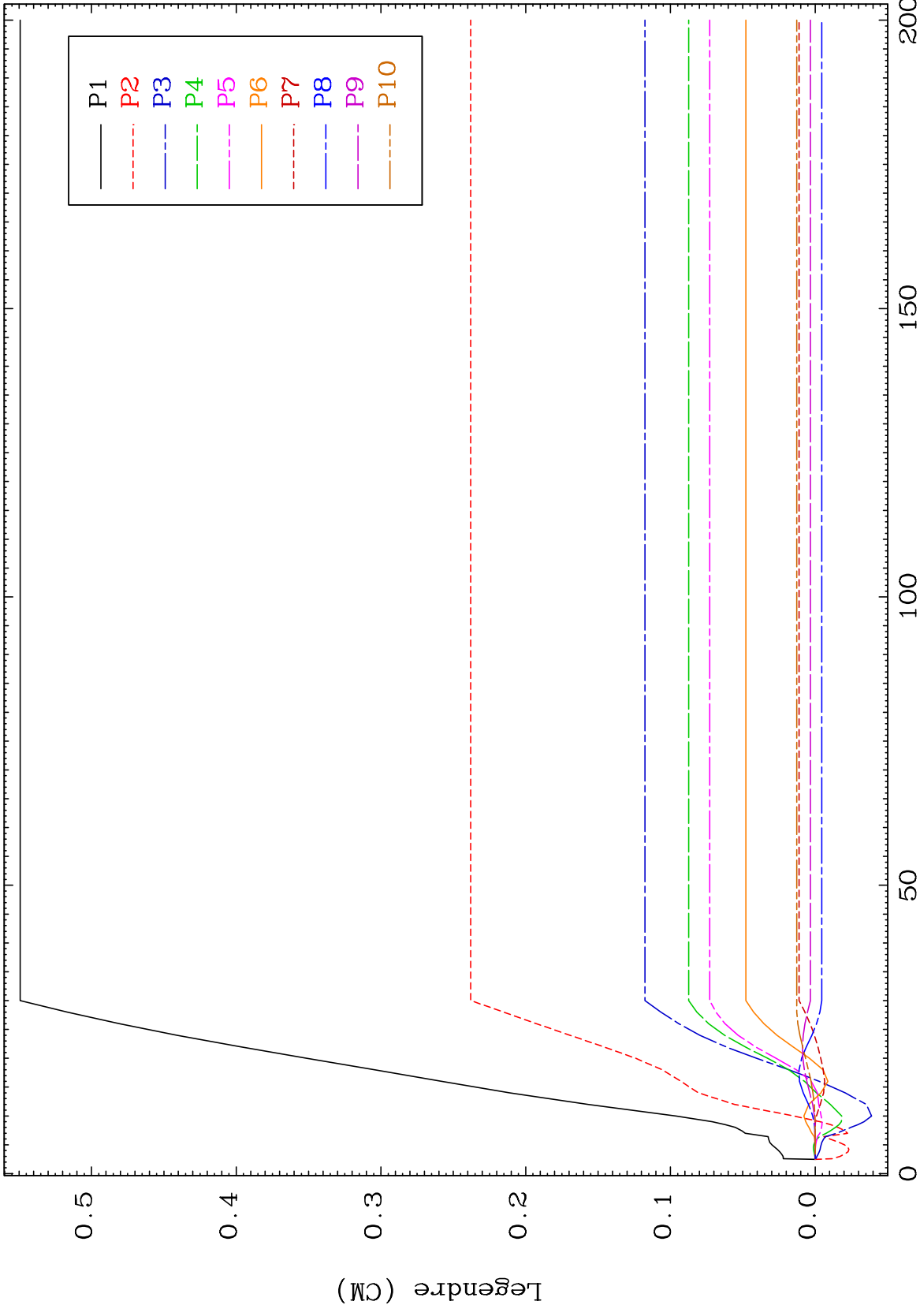
Incident Energy (MeV)

12-Mg-23

MAT 1222

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

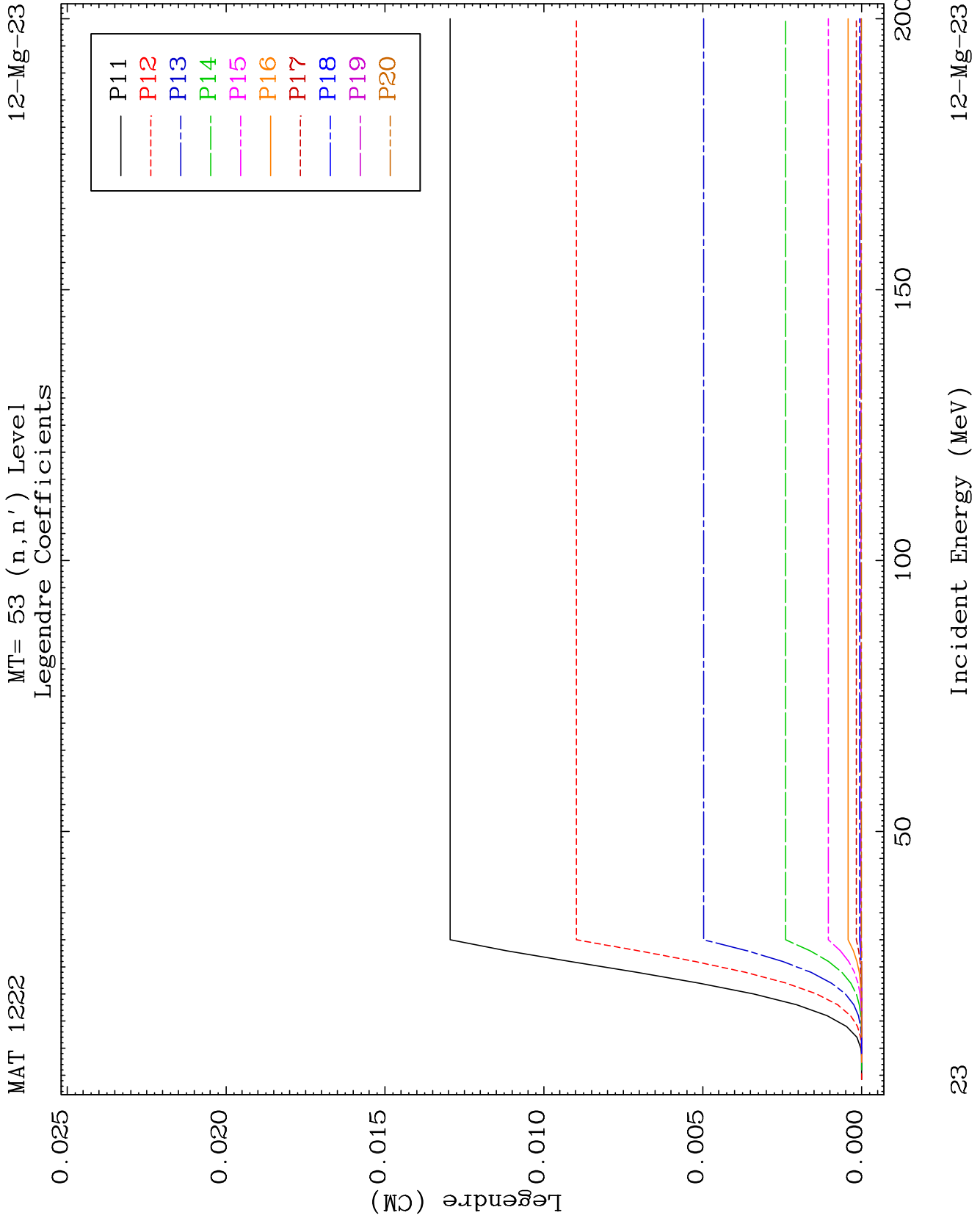
12-Mg-23



22

Incident Energy (MeV)

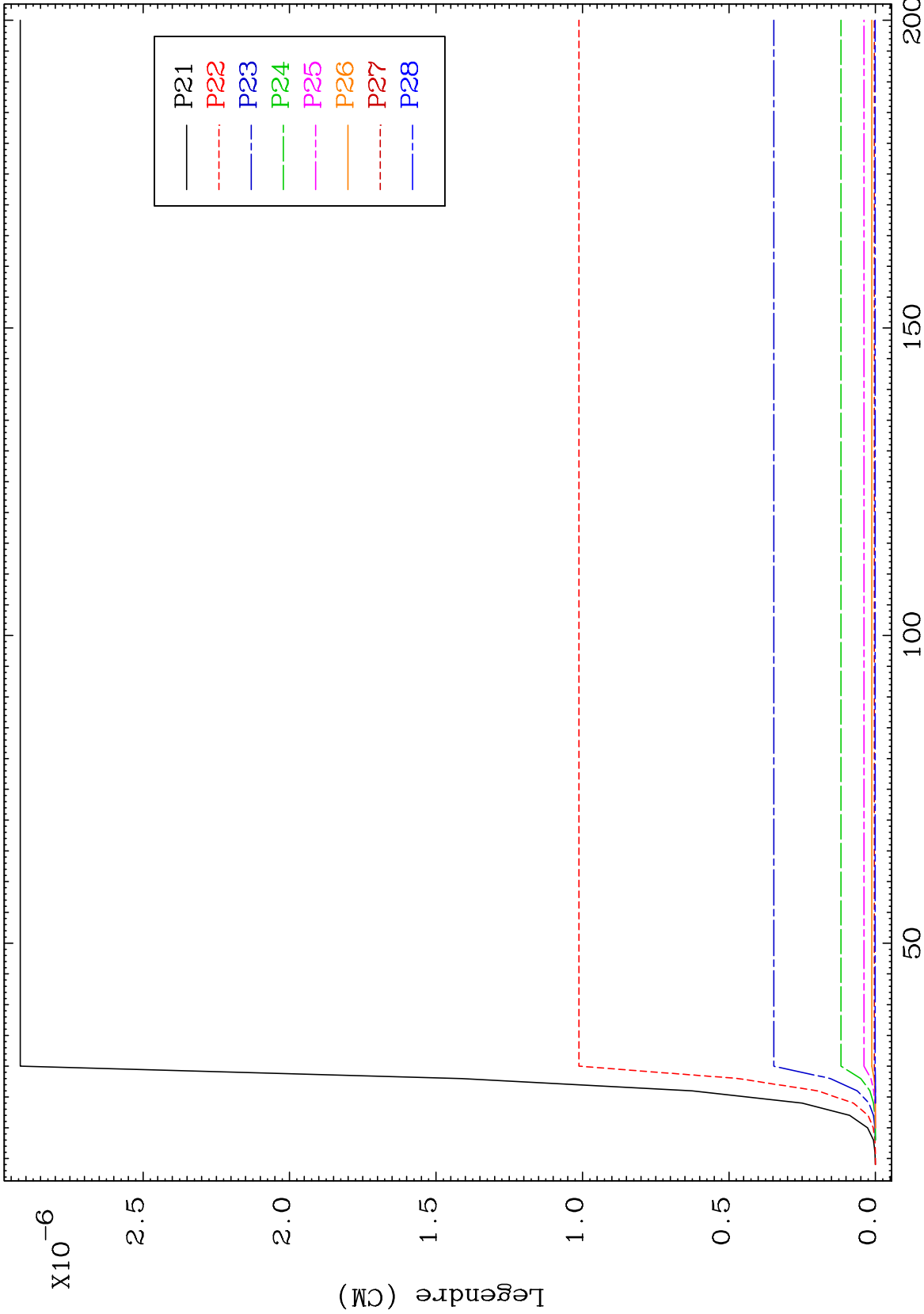
12-Mg-23



MAT 1222

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

12-Mg-23



24

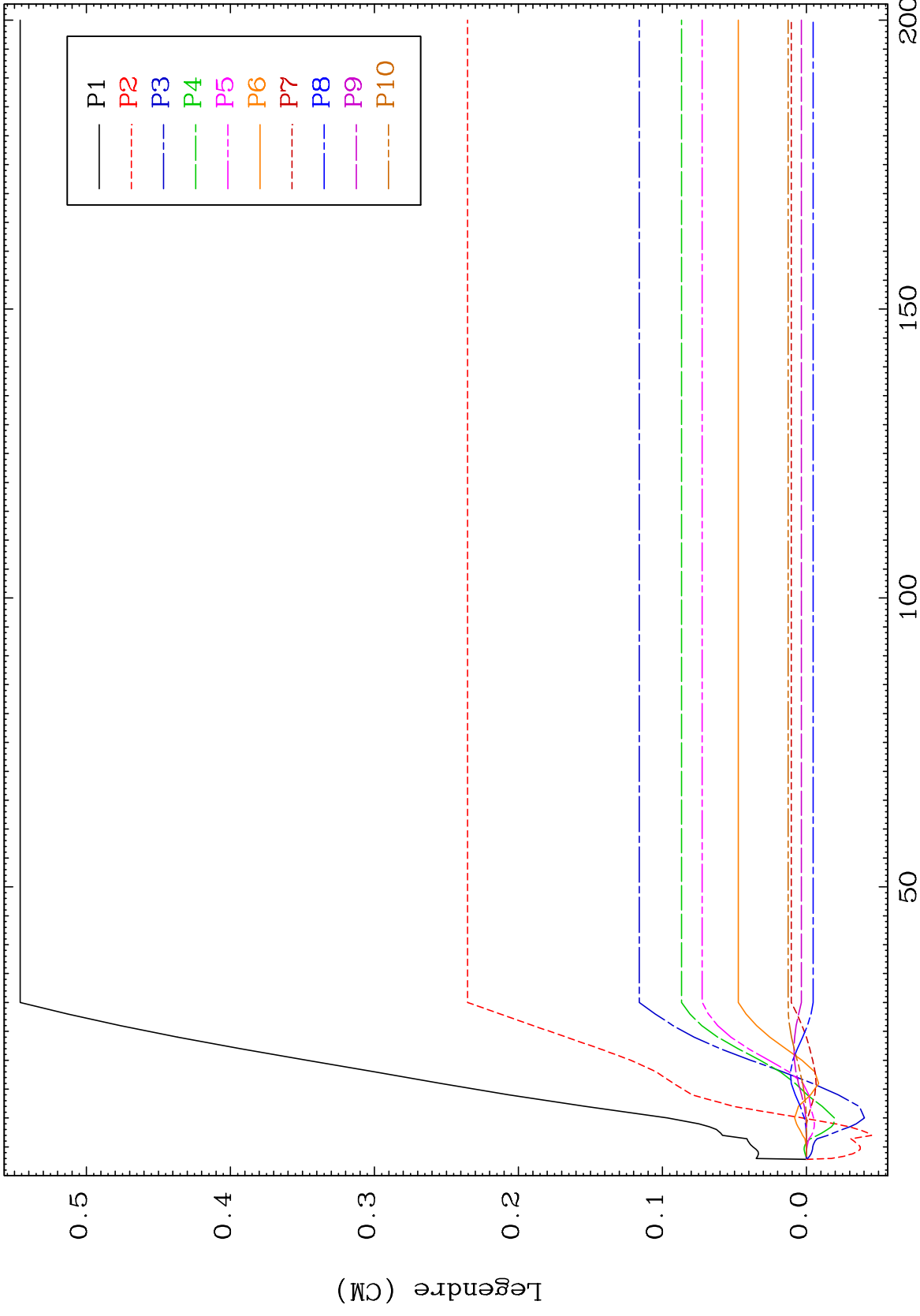
Incident Energy (MeV)

12-Mg-23

MAT 1222

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

12-Mg-23



25

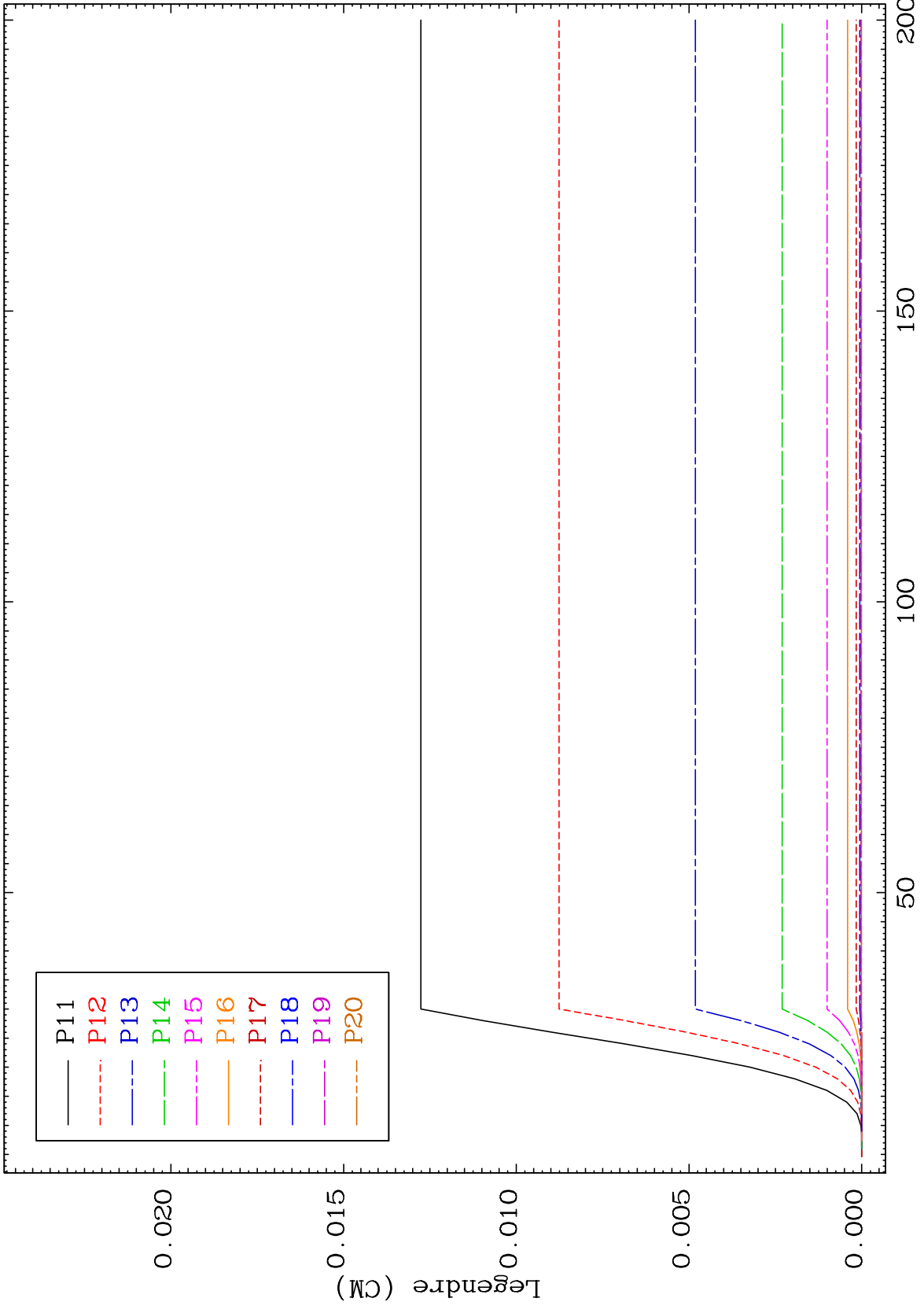
Incident Energy (MeV)

12-Mg-23

MAT 1222

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

12-Mg-23



26

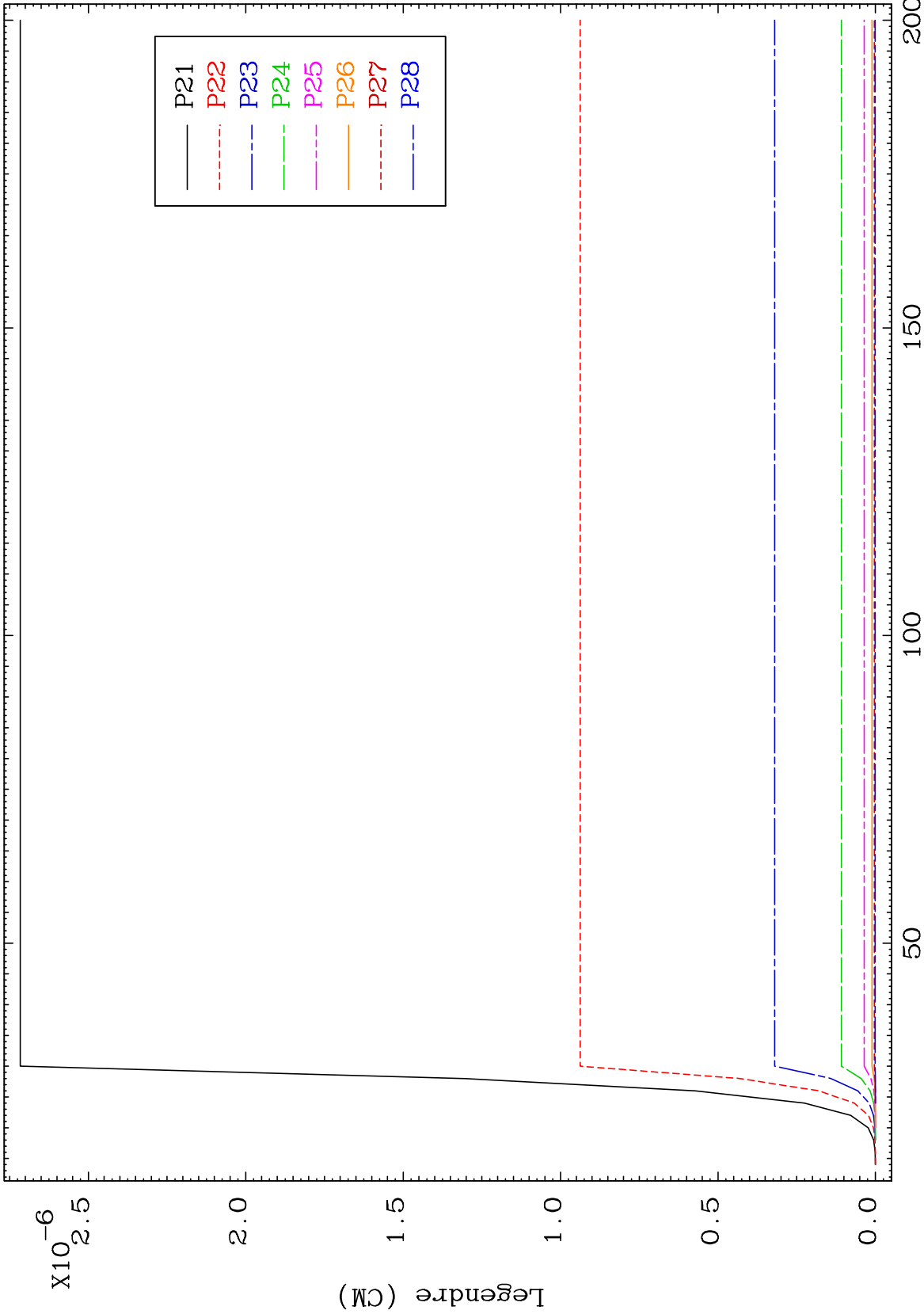
Incident Energy (MeV)

12-Mg-23

MAT 1222

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

12-Mg-23

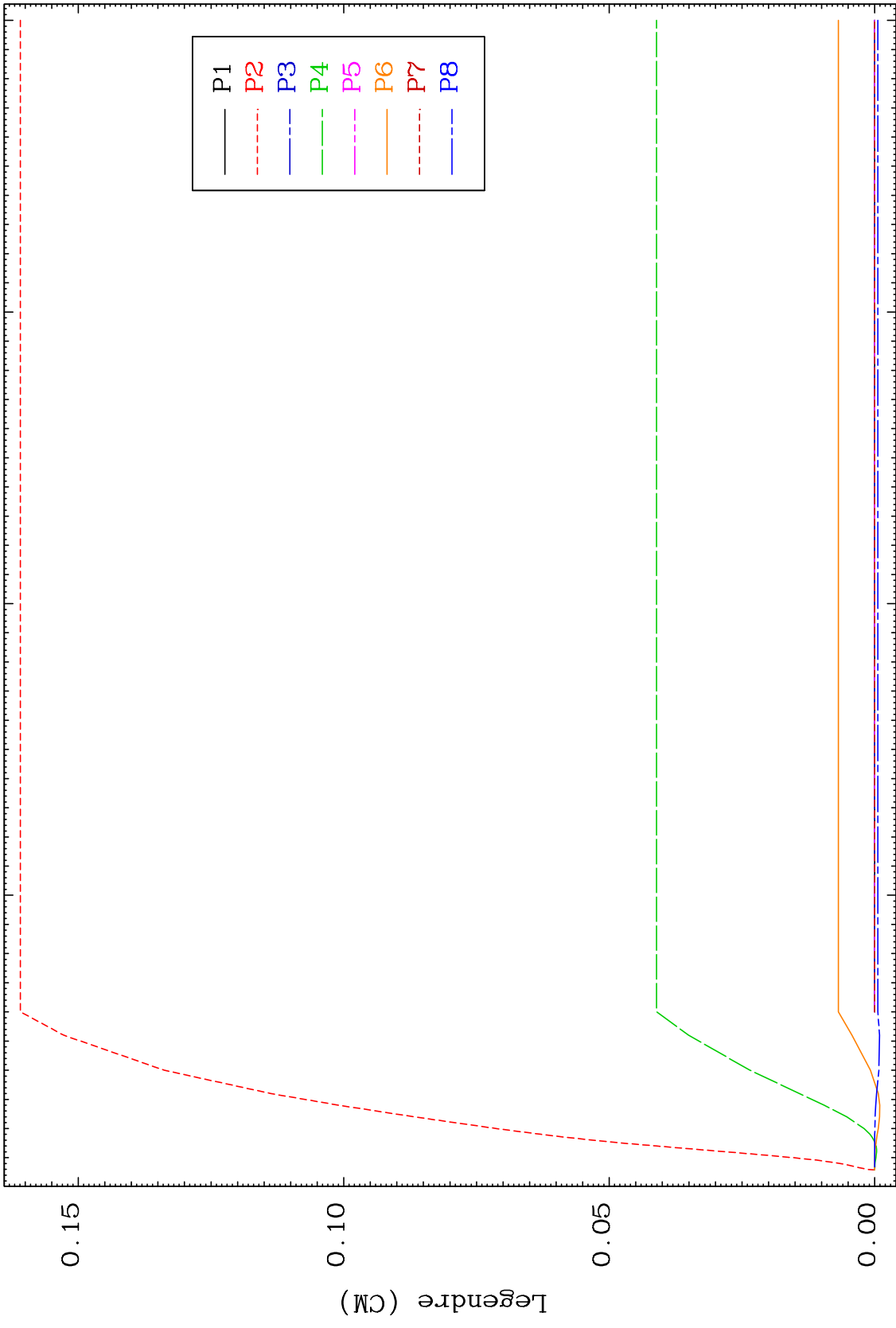


27

Incident Energy (MeV)

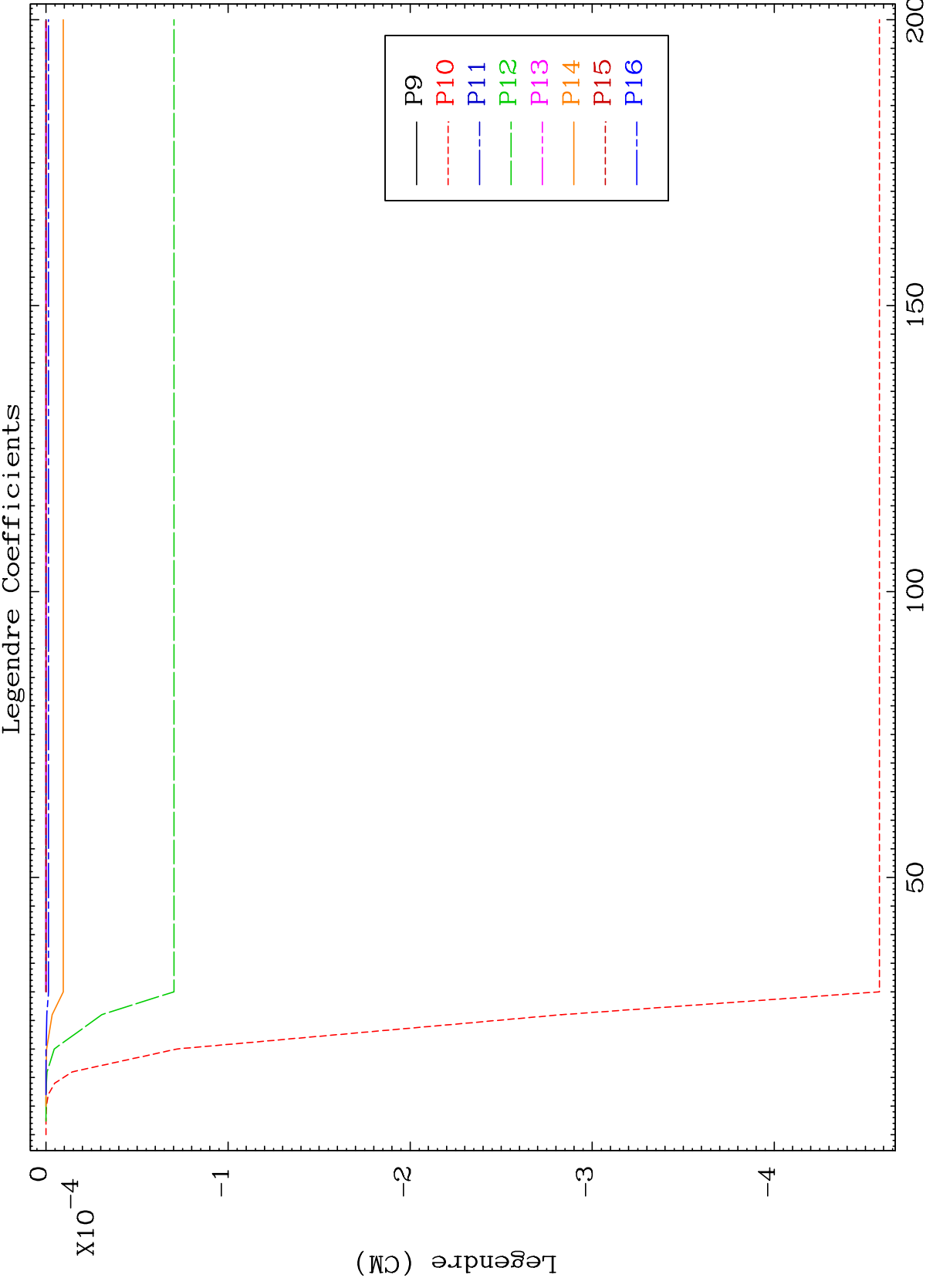
12-Mg-23

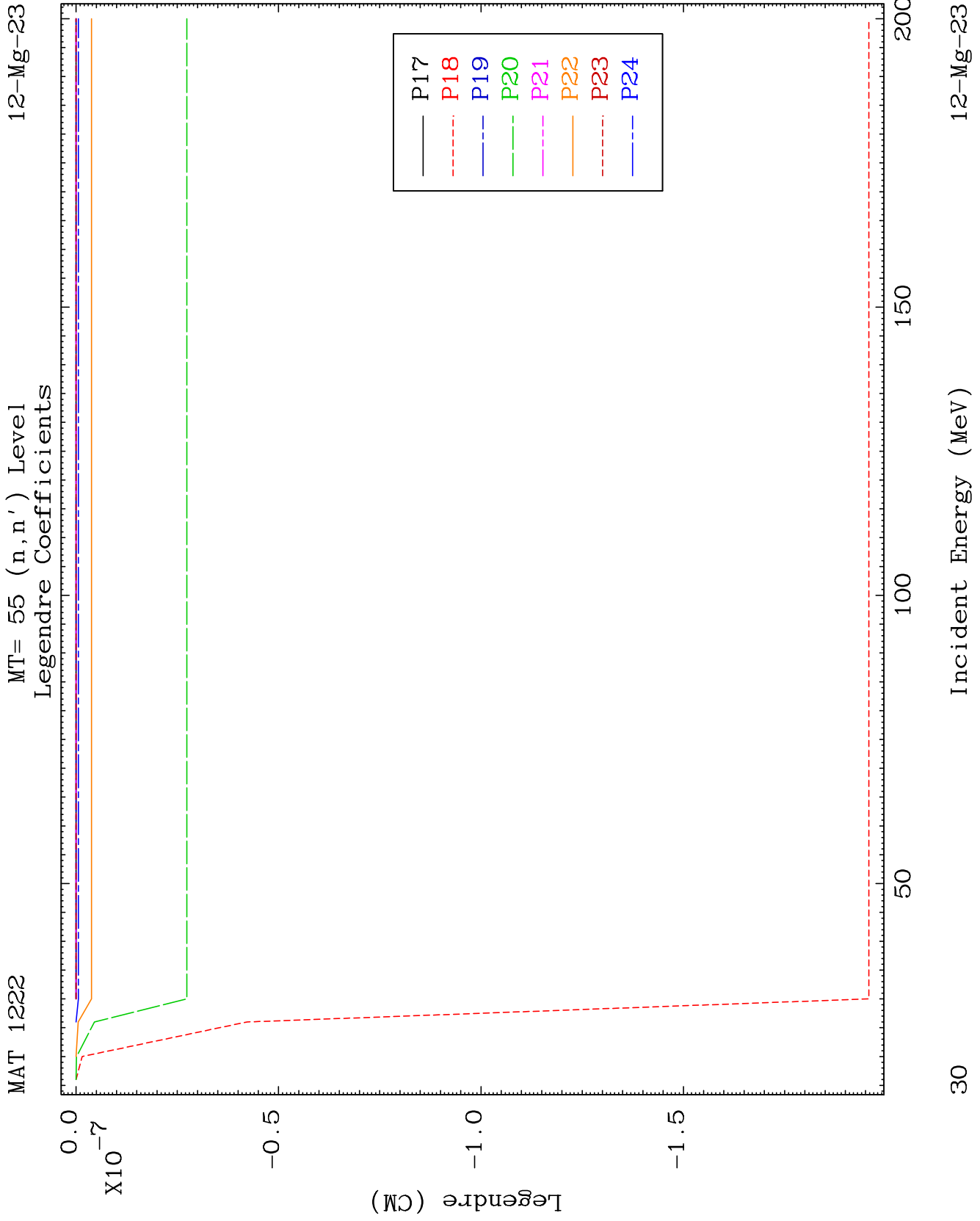
MAT 1222 MT= 55 (n,n') Level Legendre Coefficients 12-Mg-23



Legendre (CM) Incident Energy (MeV) 12-Mg-23

MAT 1222 MT= 55 (n,n') Level Legendre Coefficients 12-Mg-23

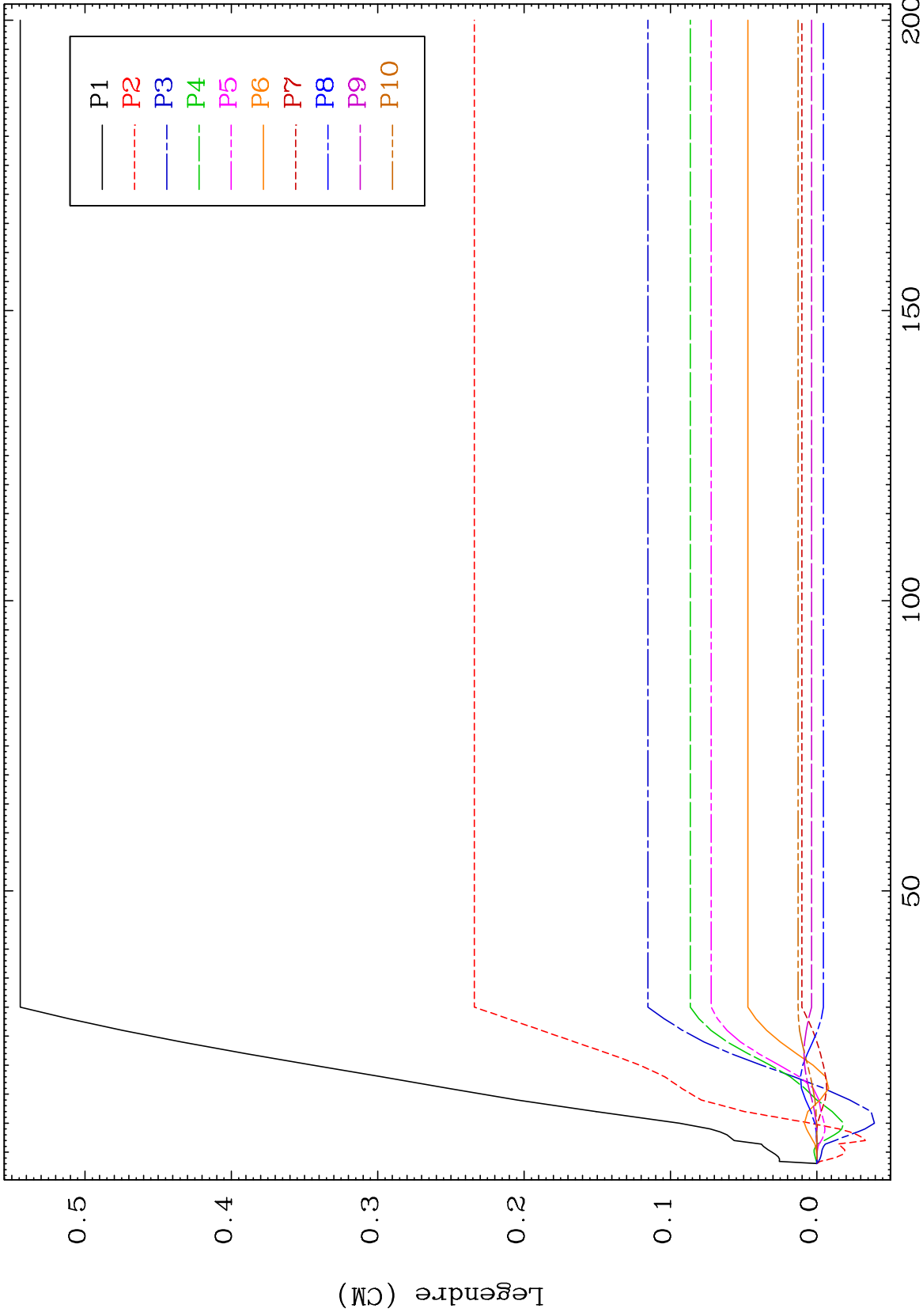




MAT 1222

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

12-Mg-23



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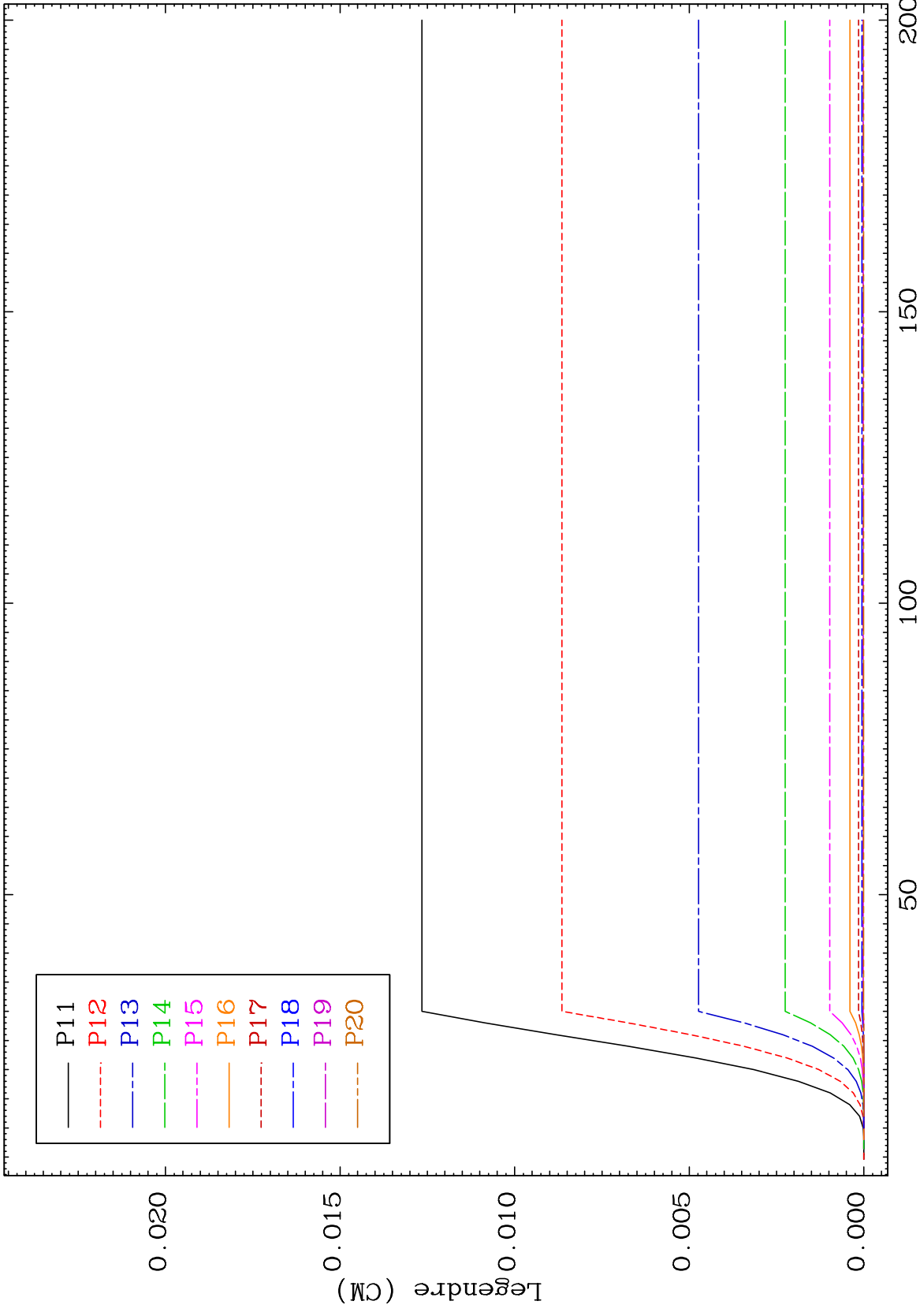
Incident Energy (MeV)

12-Mg-23

MAT 1222

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

12-Mg-23

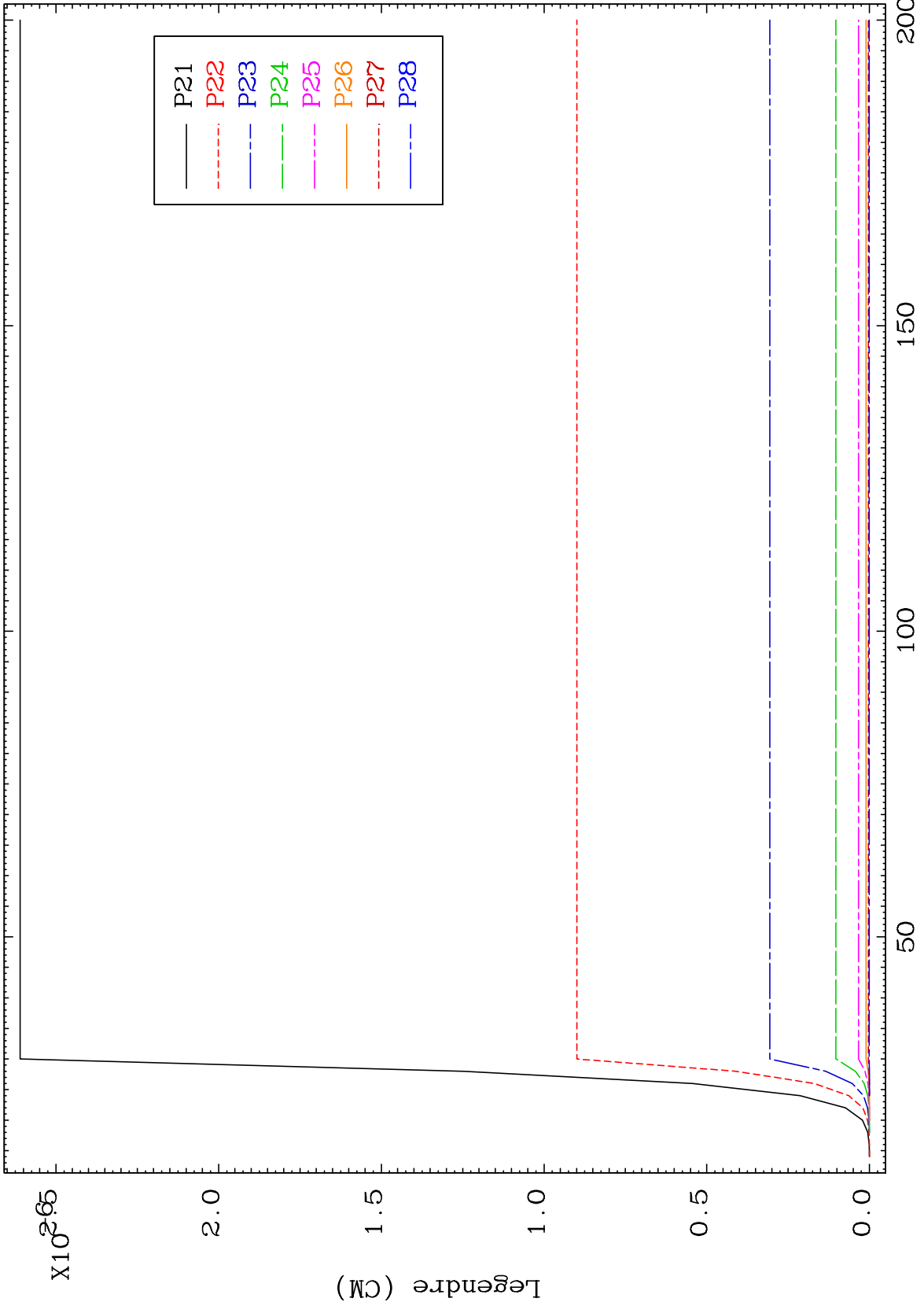


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Incident Energy (MeV)

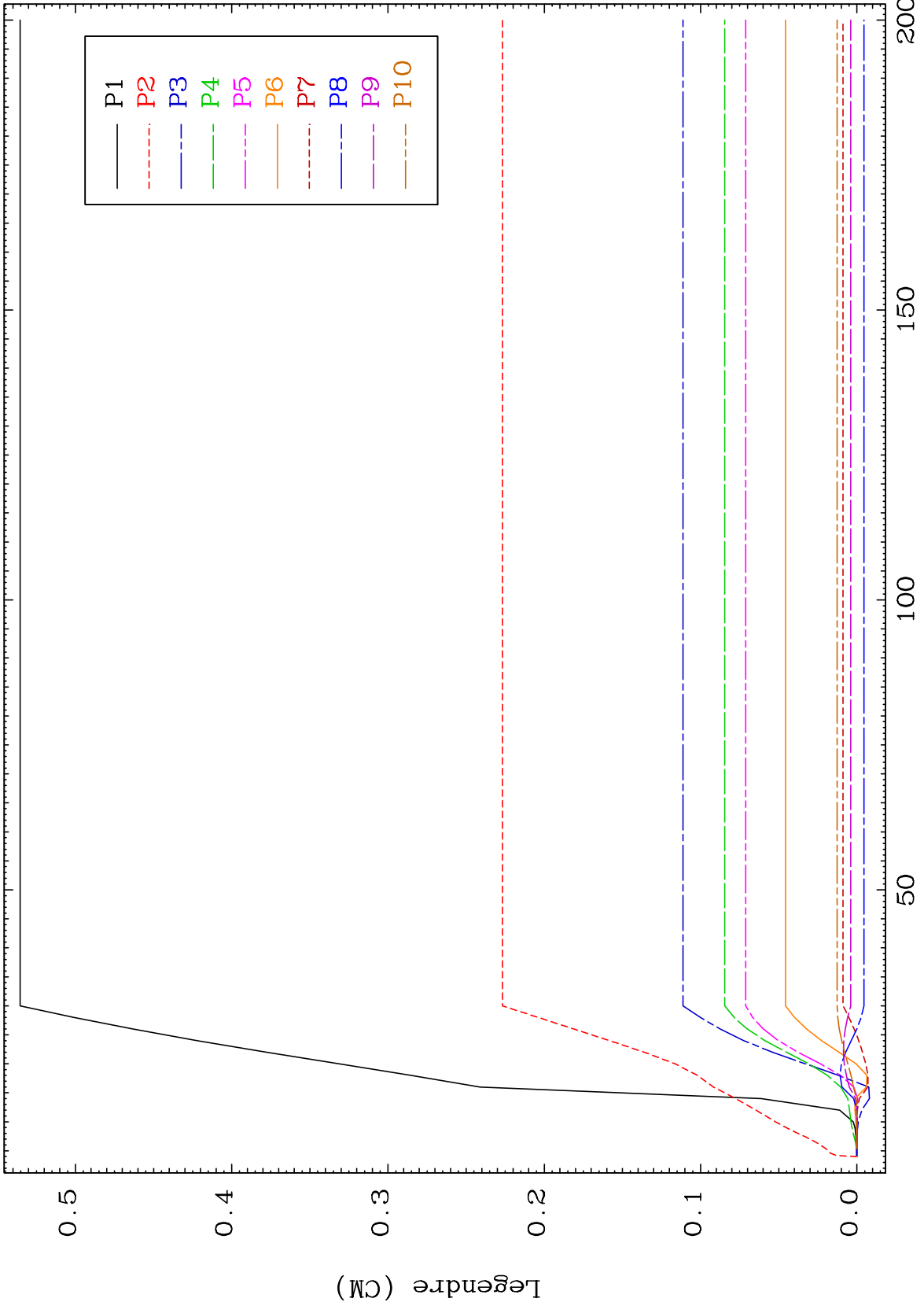
12-Mg-23

MAT 1222 MT= 56 (n,n') Level Legendre Coefficients 12-Mg-23



33 12-Mg-23

MAT 1222 MT= 57 (n,n') Level Legendre Coefficients 12-Mg-23

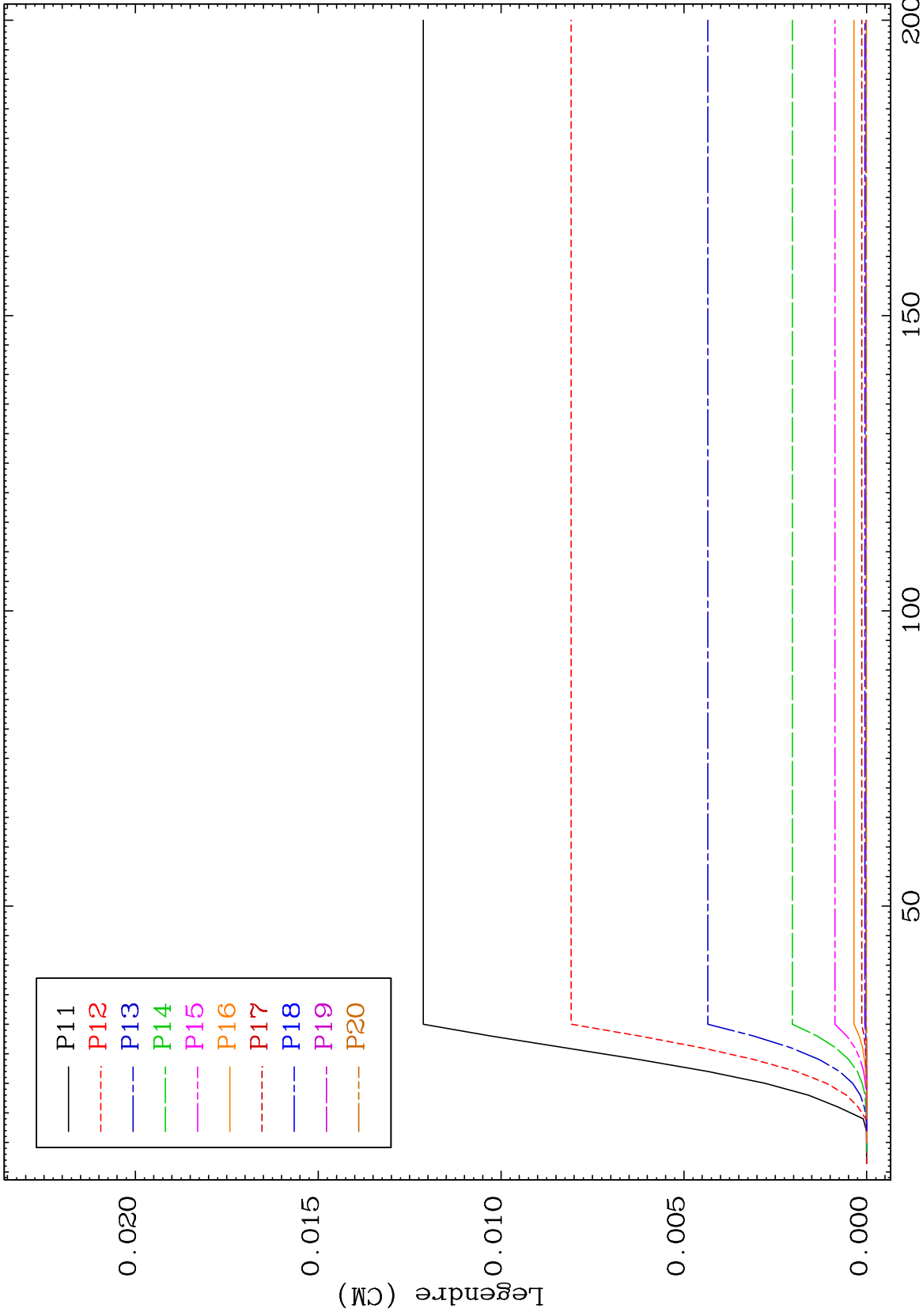


Legendre (CM) Incident Energy (MeV) 12-Mg-23

MAT 1222

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

12-Mg-23



35

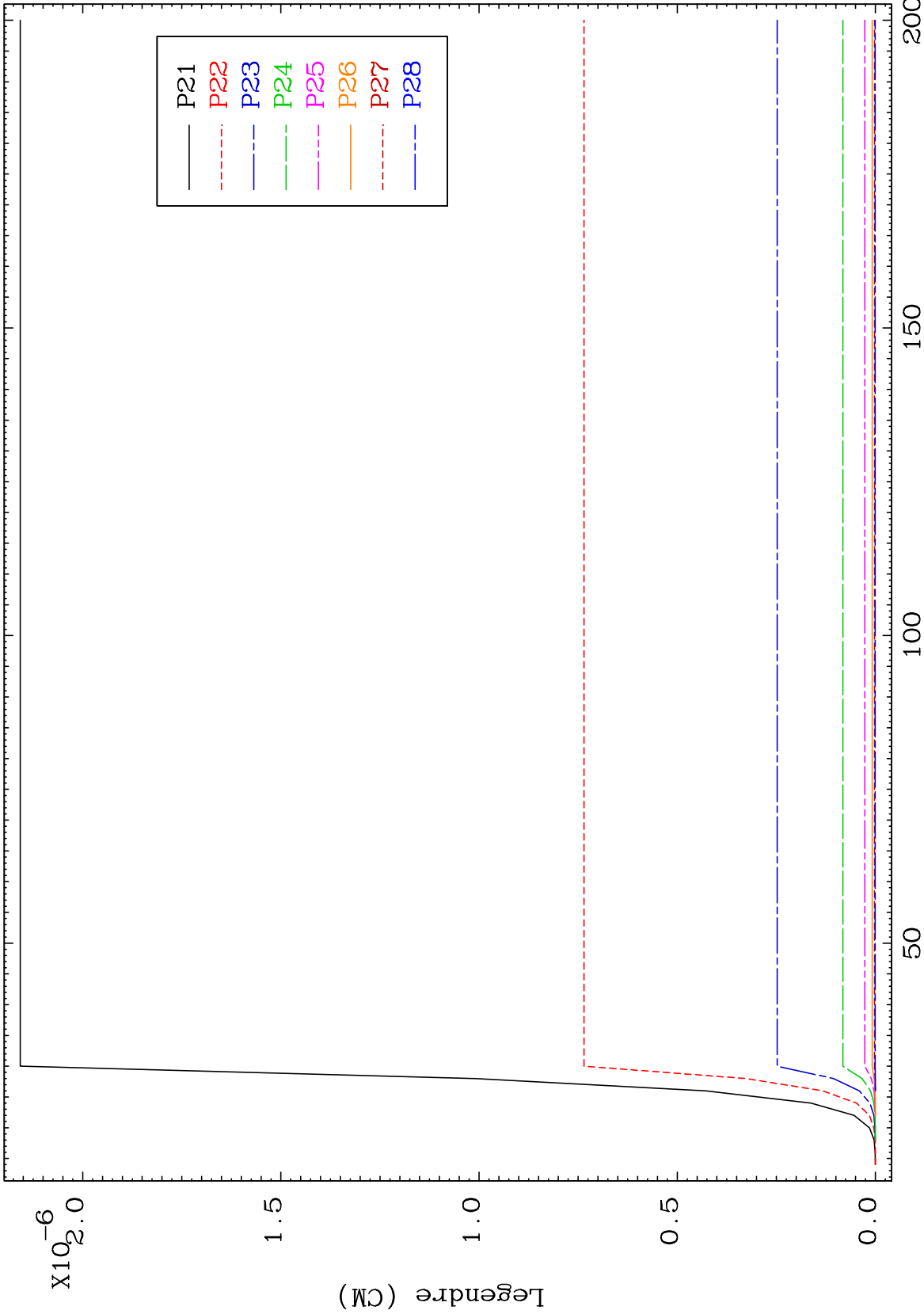
Incident Energy (MeV)

12-Mg-23

MAT 1222

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

12-Mg-23

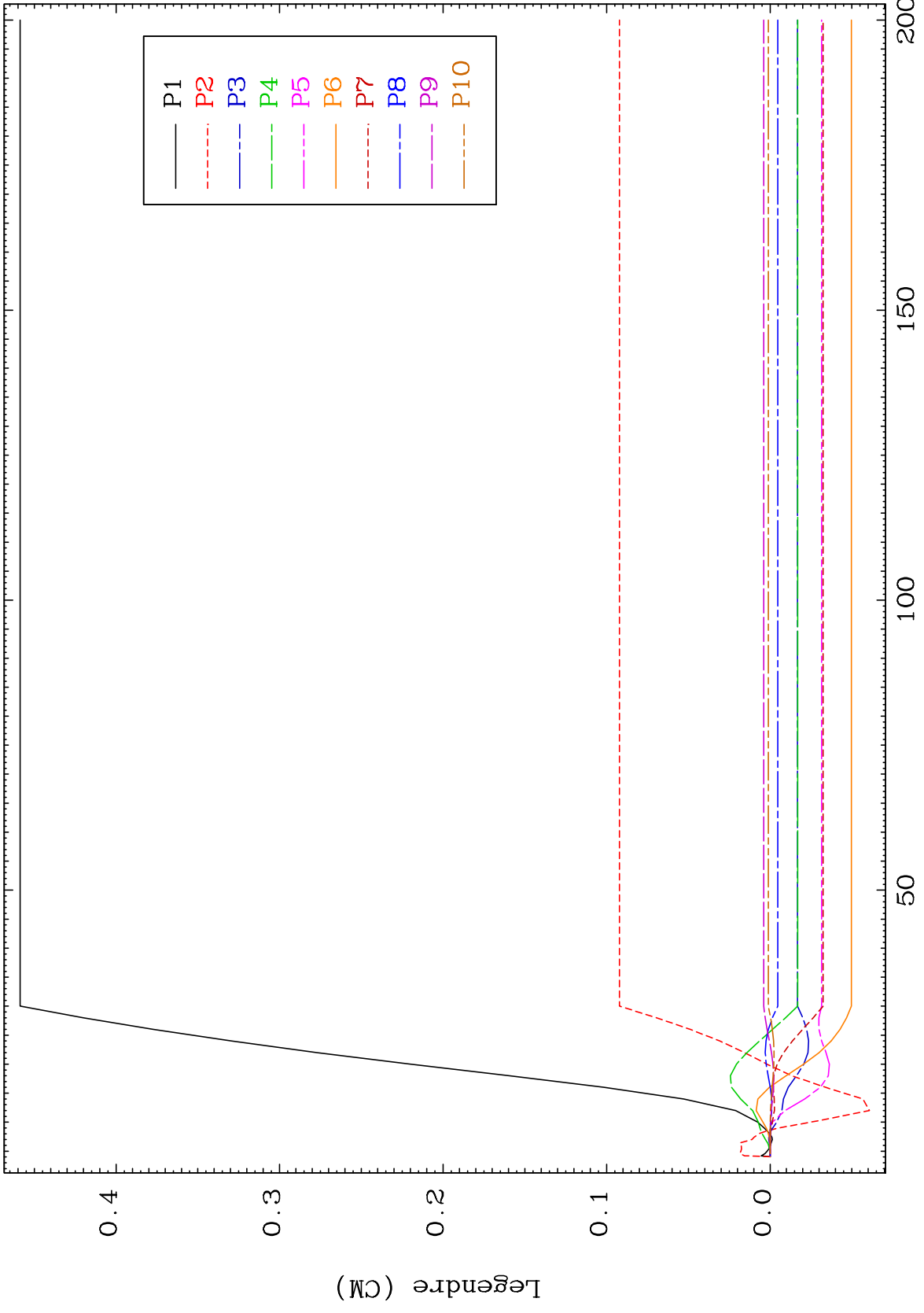


36

Incident Energy (MeV)

12-Mg-23

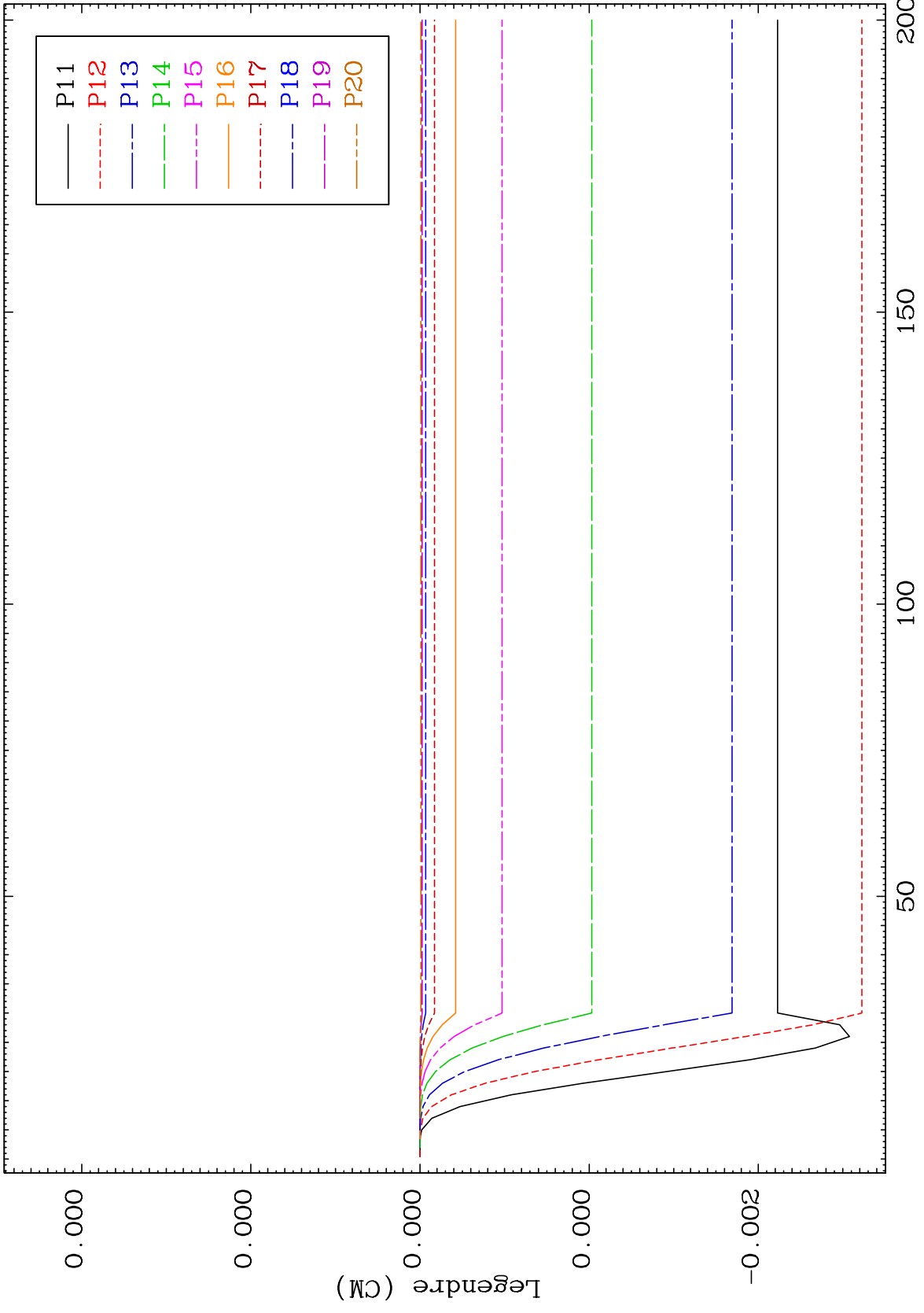
MAT 1222 MT= 58 (n,n') Level Legendre Coefficients 12-Mg-23



MAT 1222

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

12-Mg-23



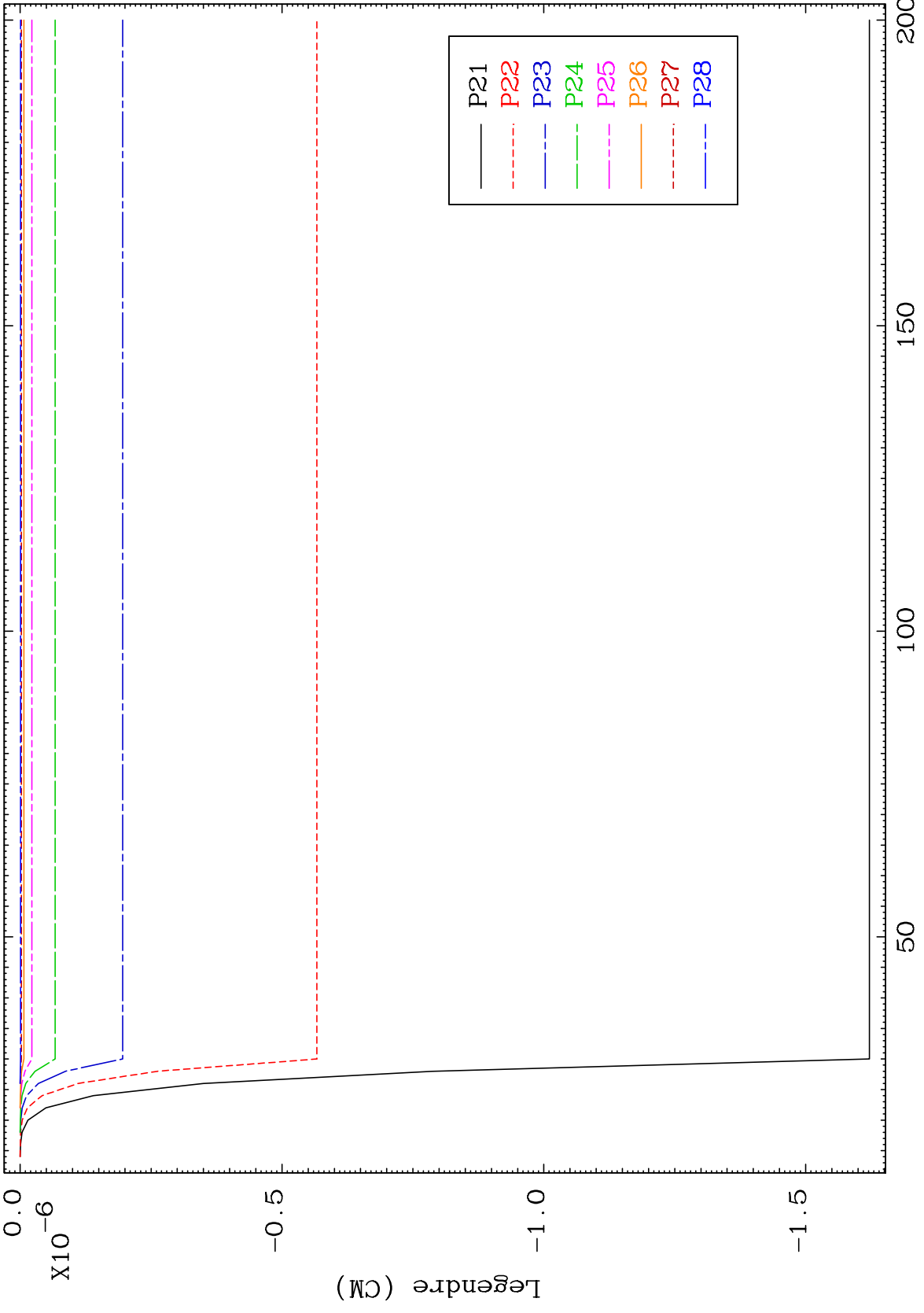
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Incident Energy (MeV)

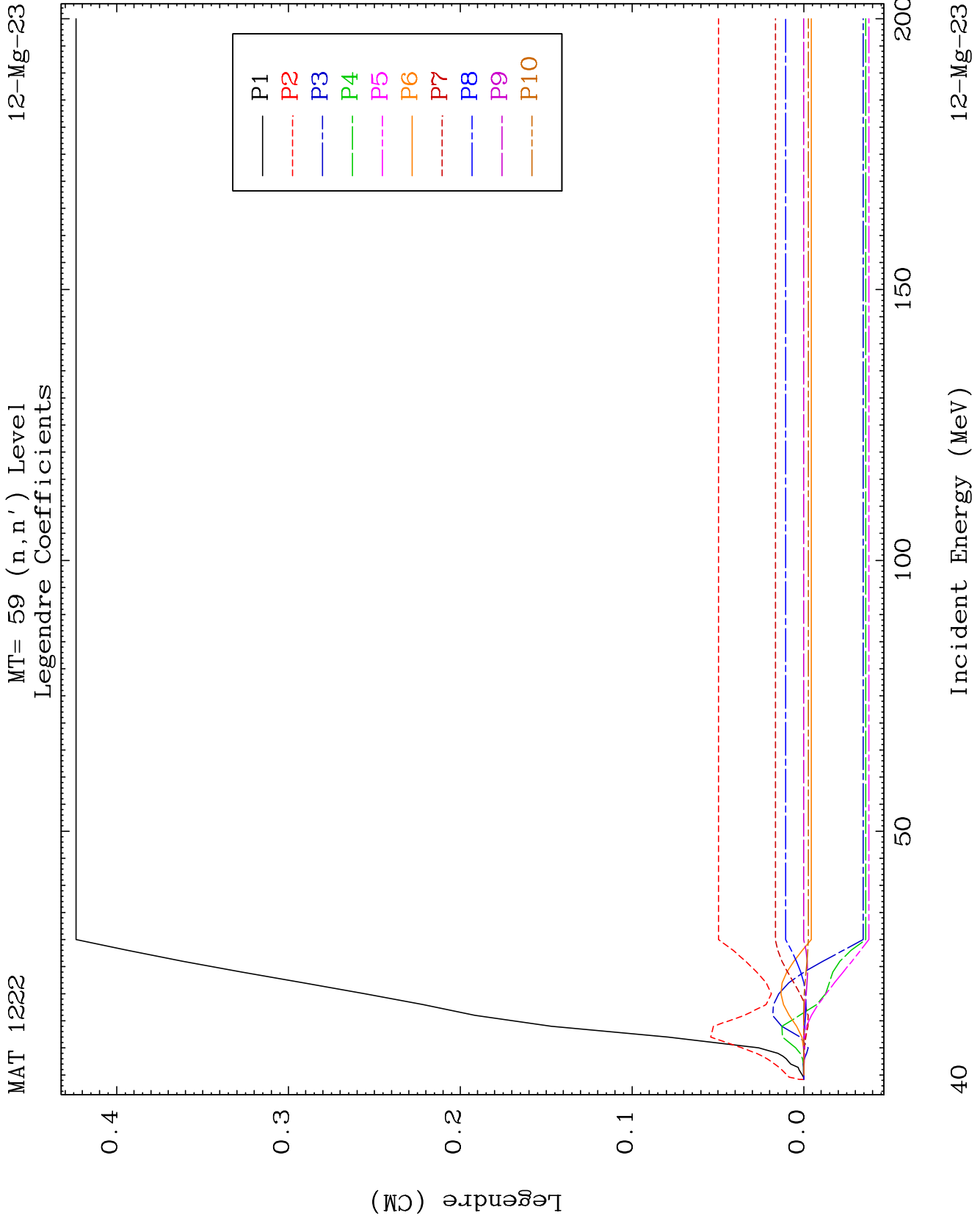
12-Mg-23

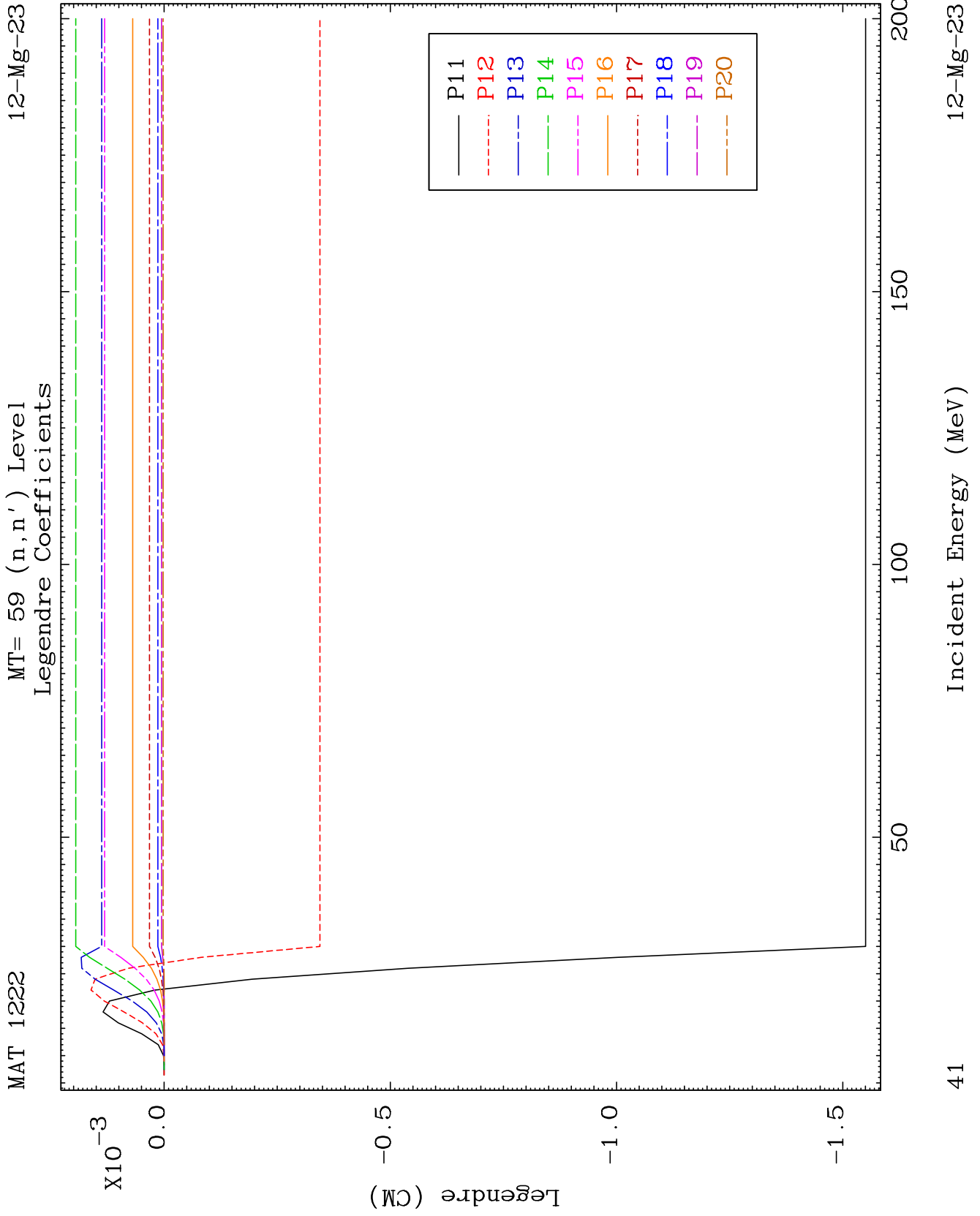
MAT 1222 MT= 58 (n,n') Level 12-Mg-23

Legendre Coefficients



39 12-Mg-23

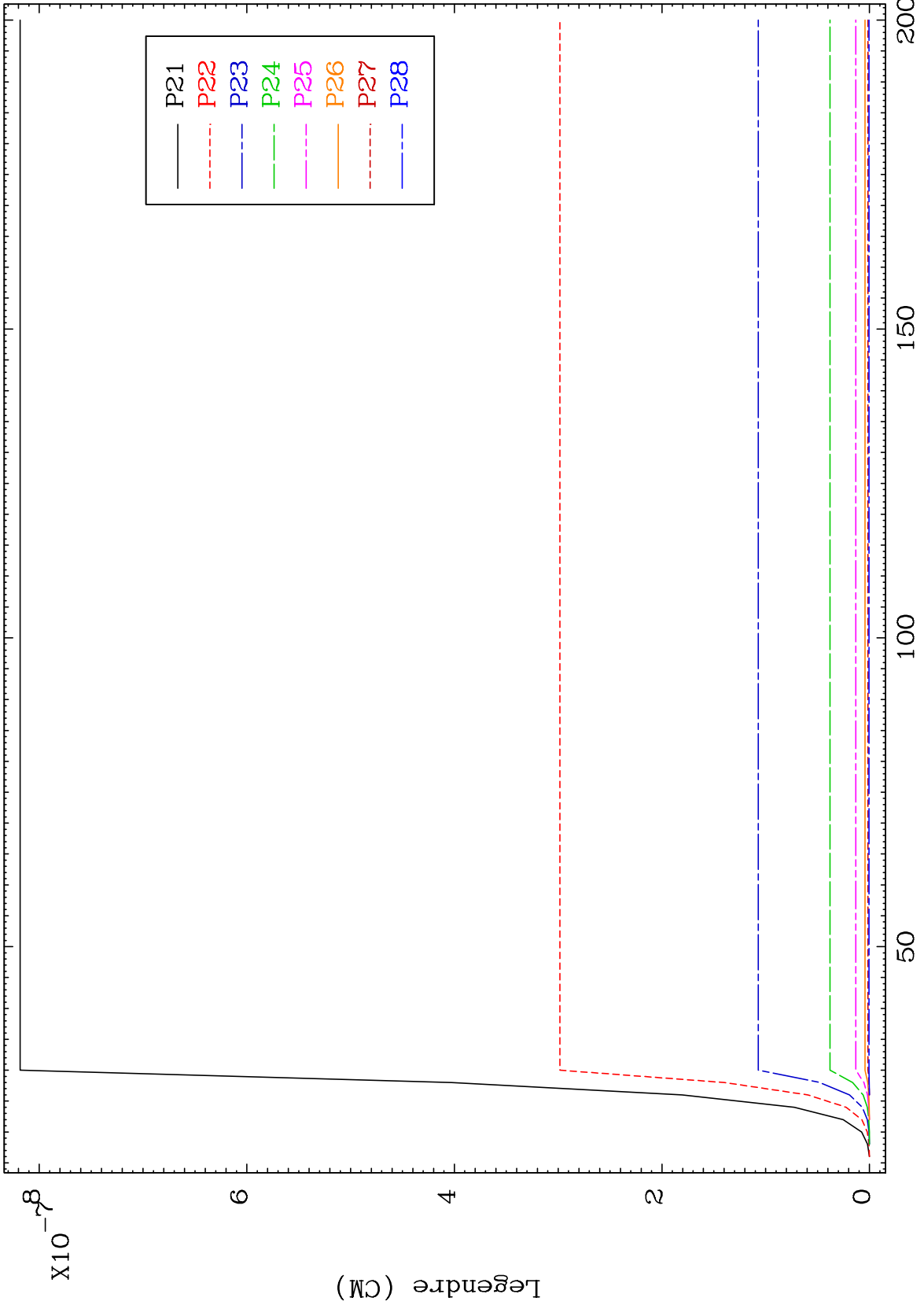




MAT 1222

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

12-Mg-23



42

Incident Energy (MeV)

12-Mg-23