

Program EVALPLOT
(Version 2018-1)

by

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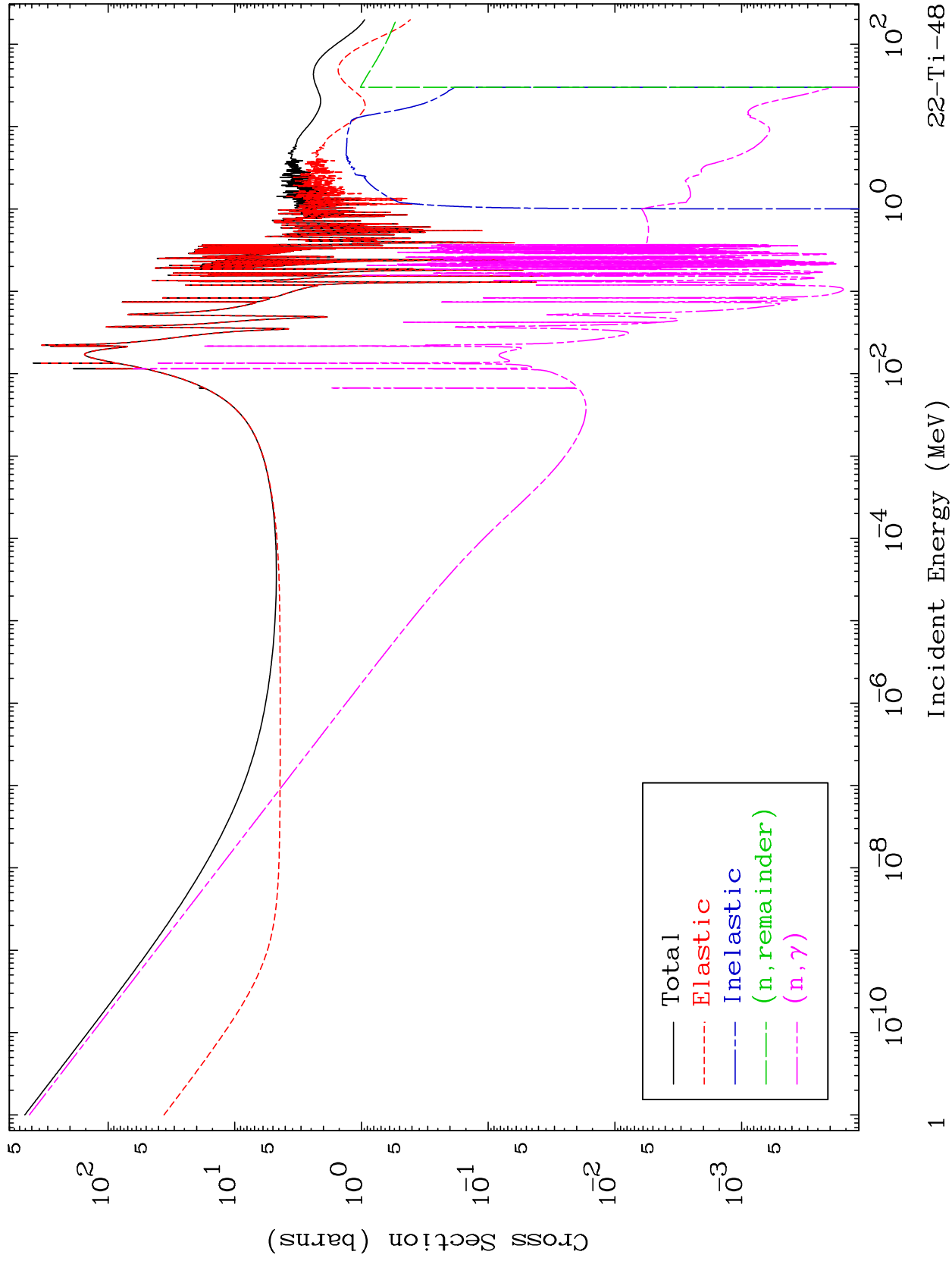
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2231

Major
293 Kelvin Cross Sections

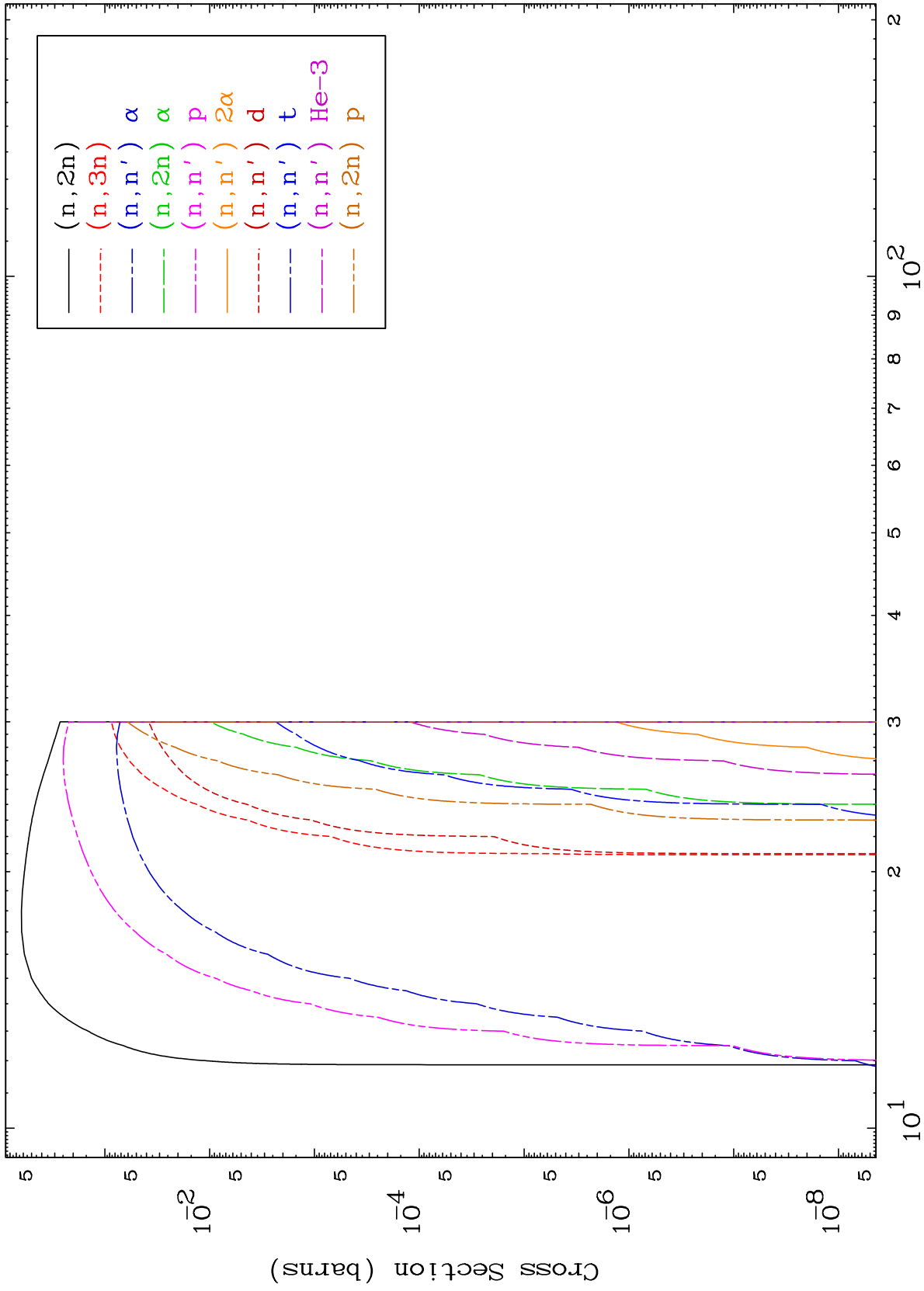
22-Ti-48



MAT 2231

Neutron Production
293 Kelvin Cross Sections

22-Ti-48



2

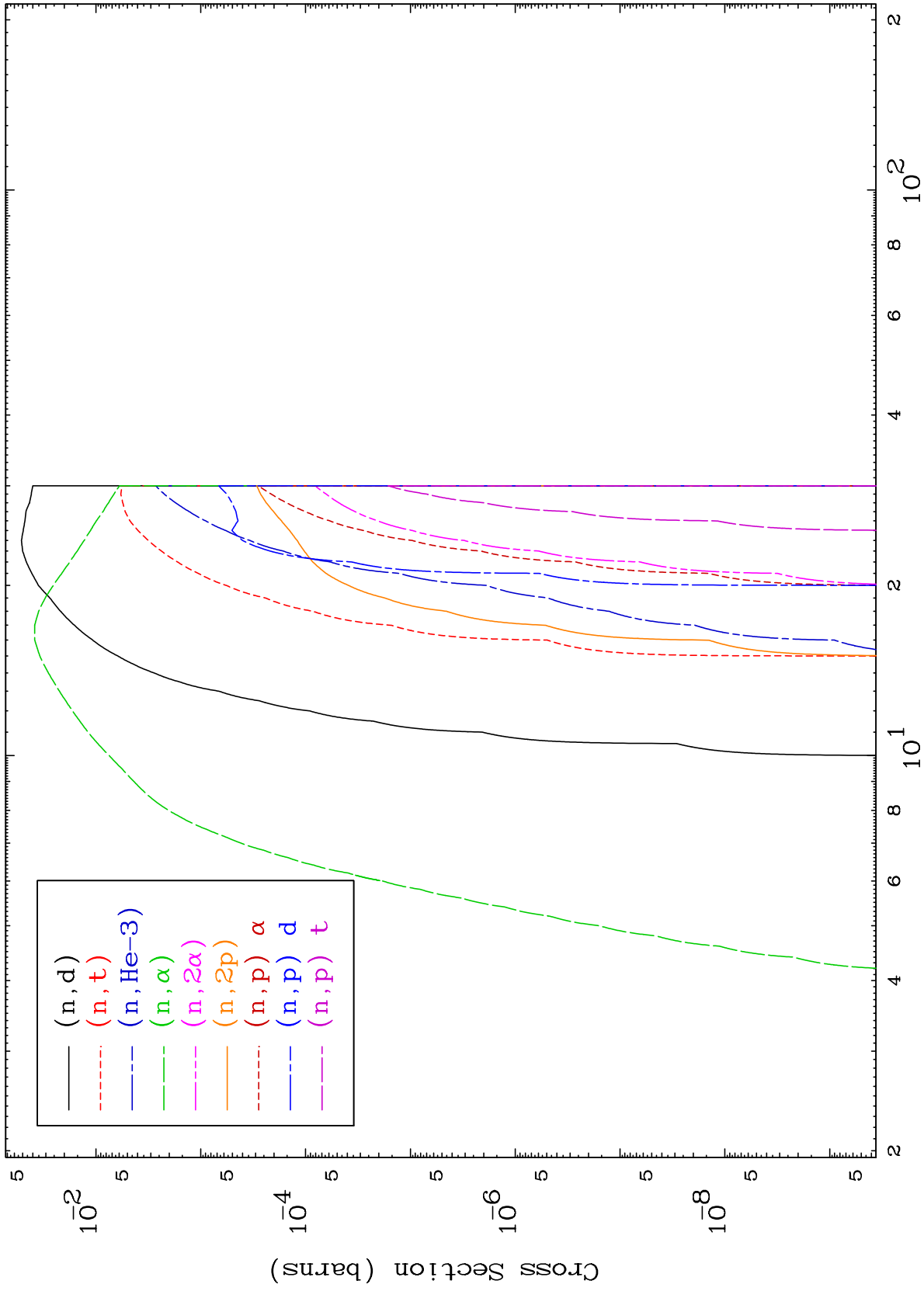
Incident Energy (MeV)

22-Ti-48

MAT 2231

Charged Particle
293 Kelvin Cross Sections

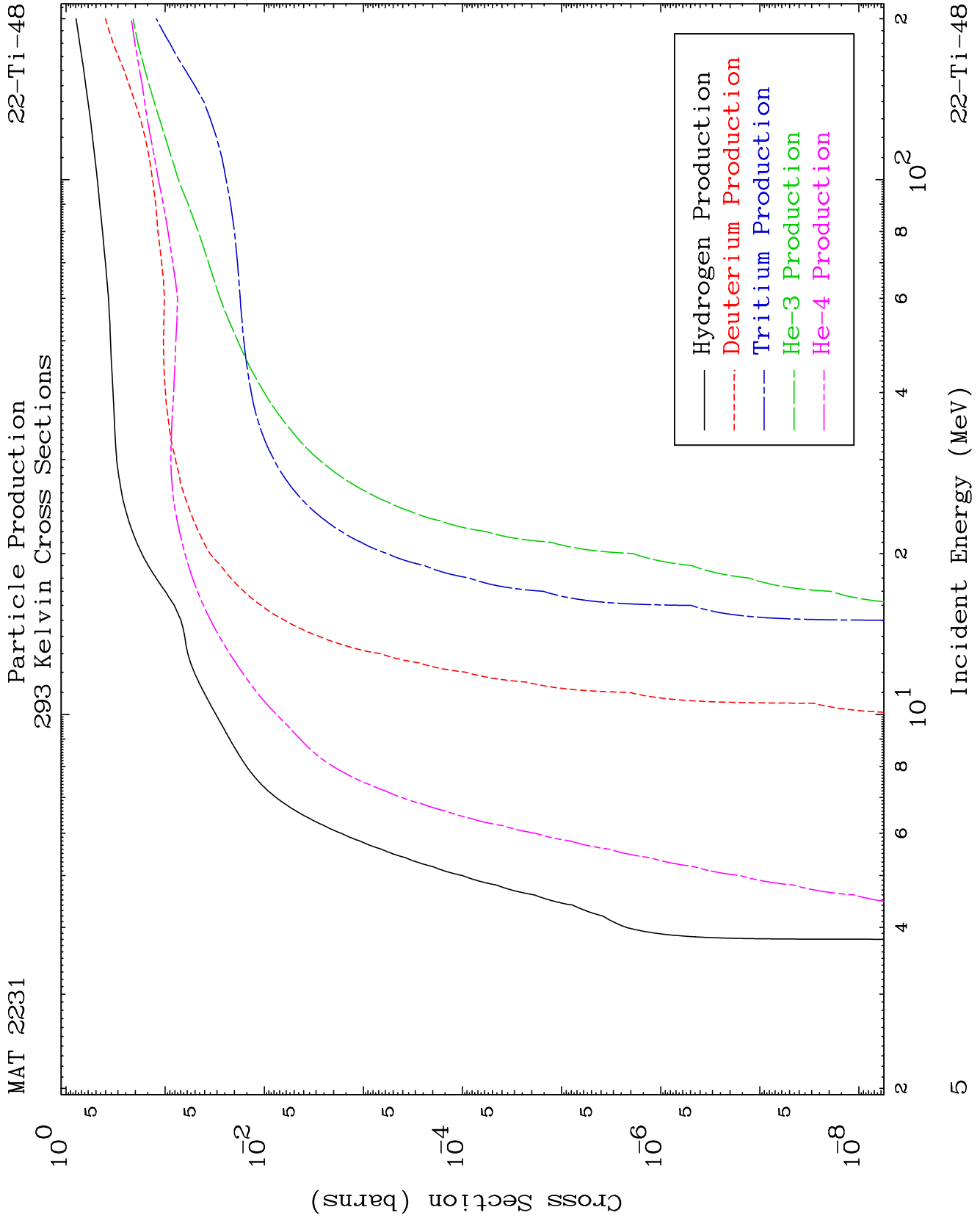
22-Ti-48



4

Incident Energy (MeV)

22-Ti-48

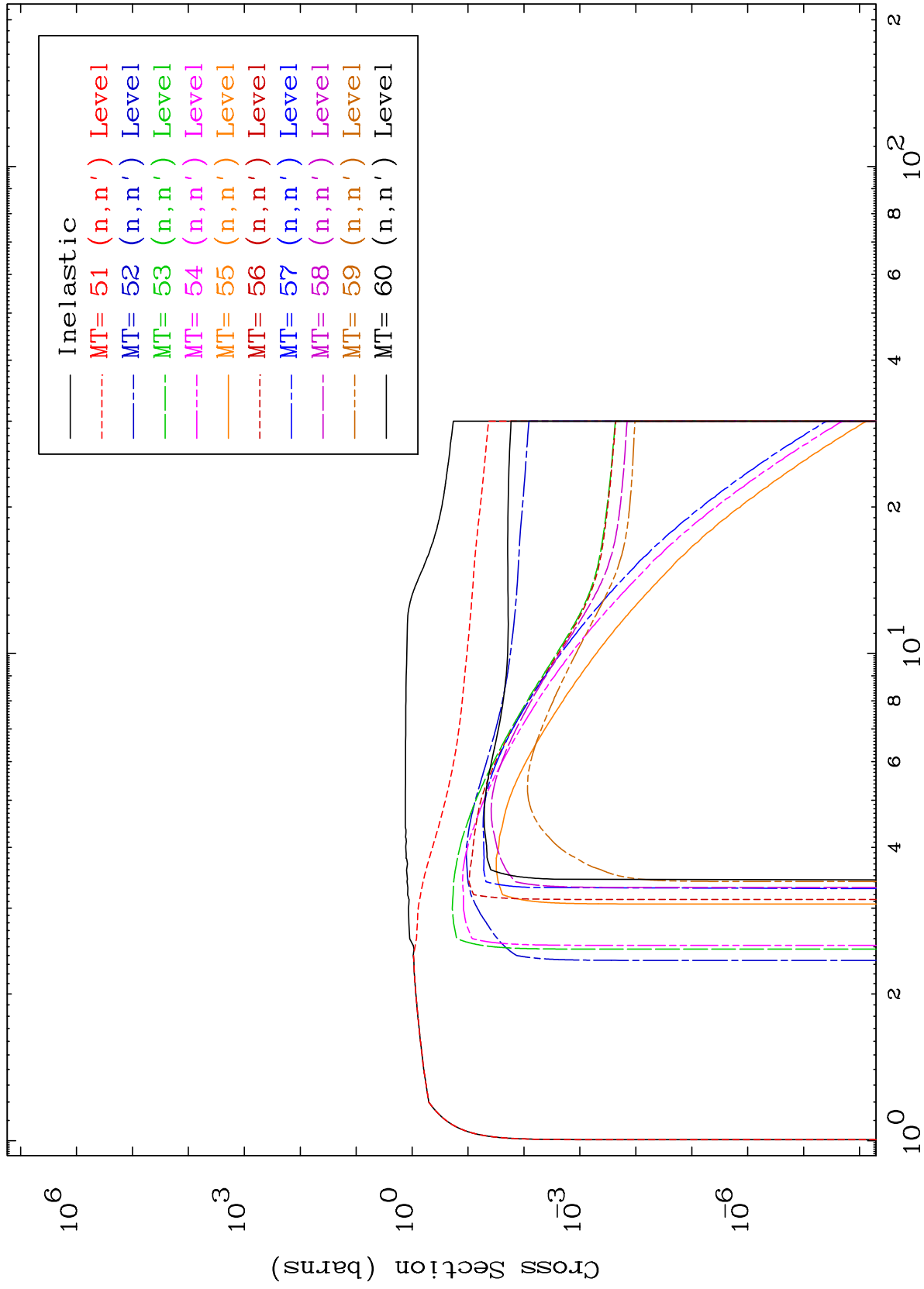


MAT 2231

(n,n') Level

22-Ti-48

293 Kelvin Cross Sections



Incident Energy (MeV)

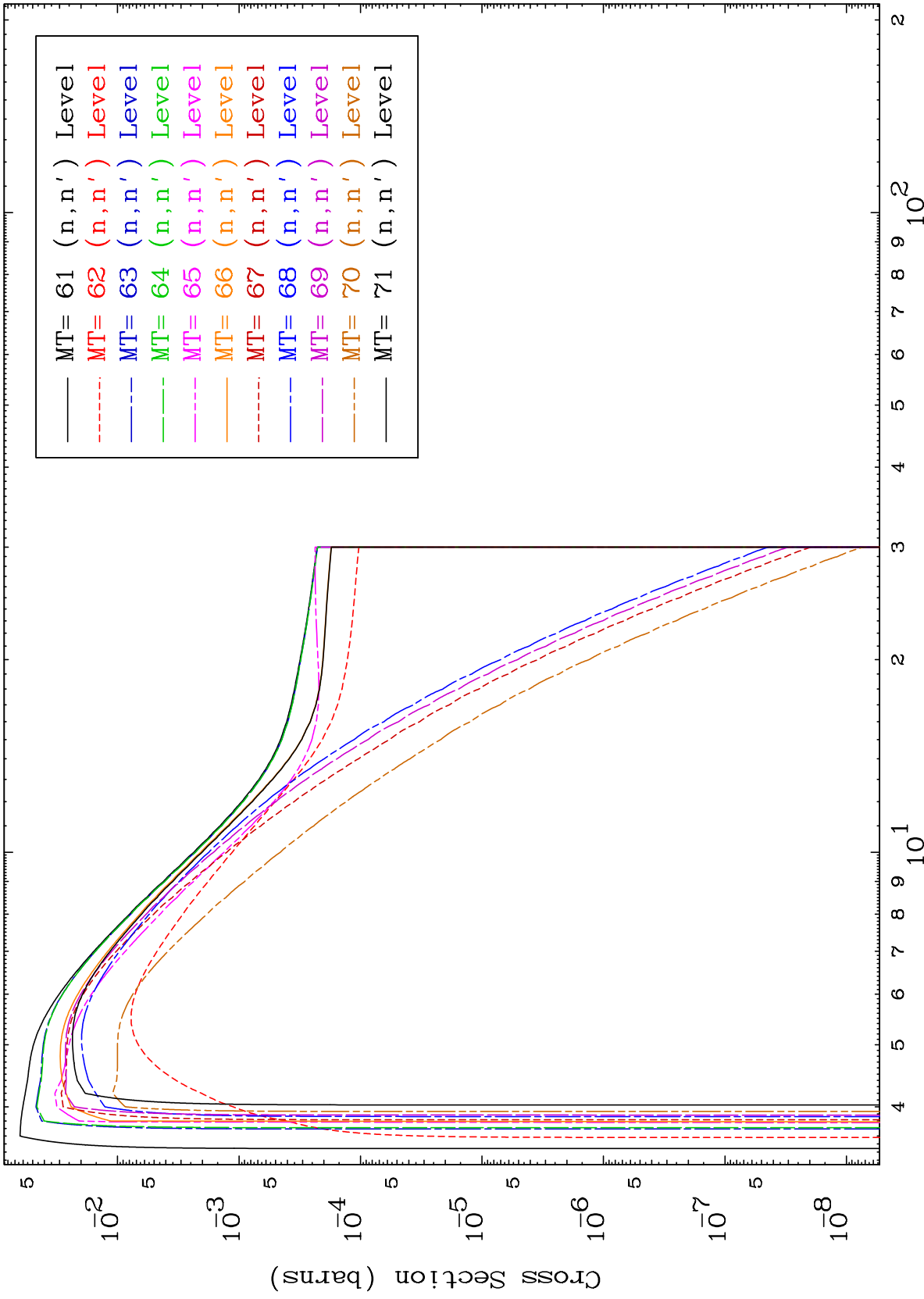
22-Ti-48

MAT 2231

(n,n') Level

22-Ti-48

293 Kelvin Cross Sections



7

Incident Energy (MeV)

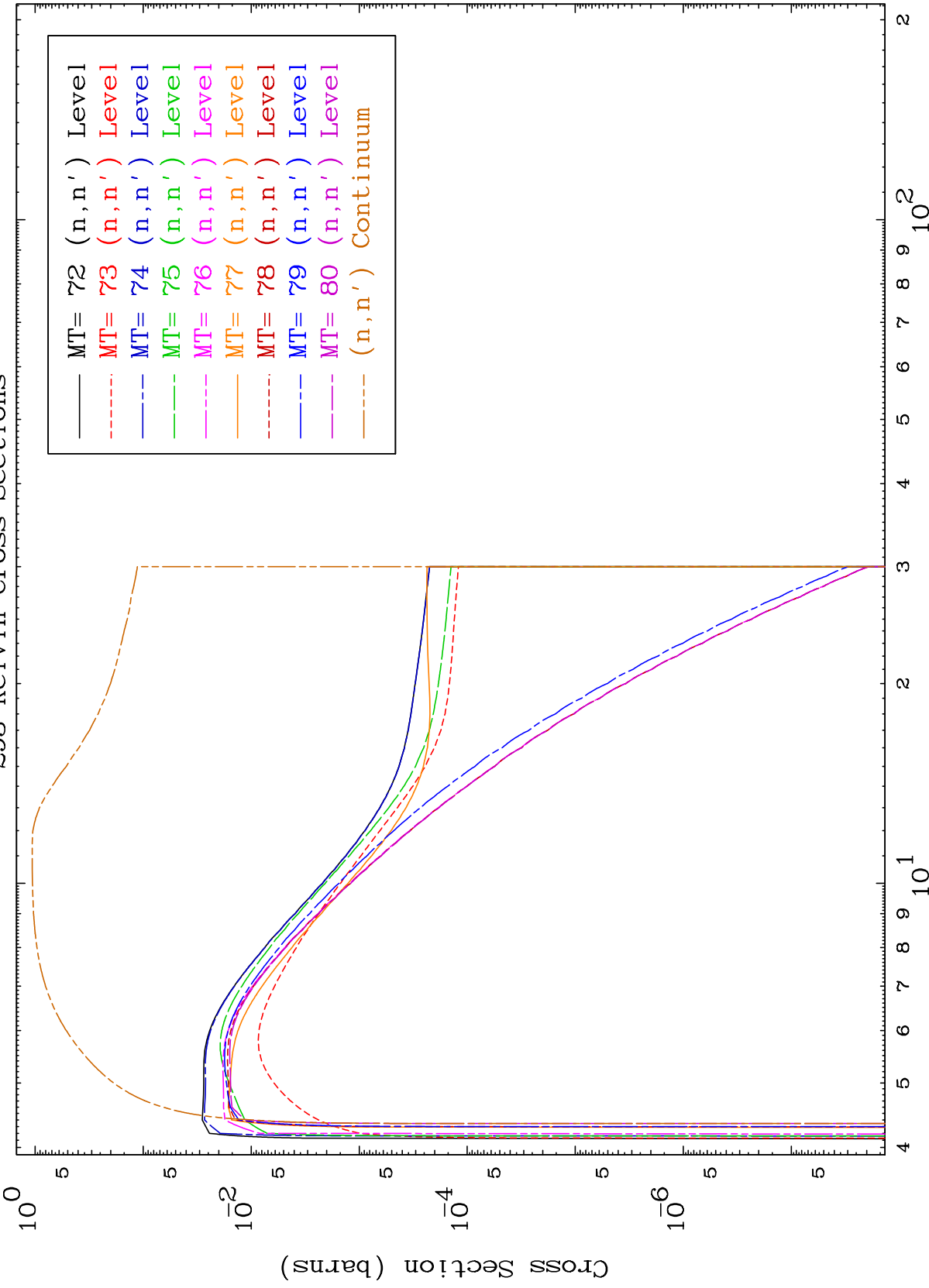
22-Ti-48

MAT 2231

(n,n') Level

22-Ti-48

293 Kelvin Cross Sections



8

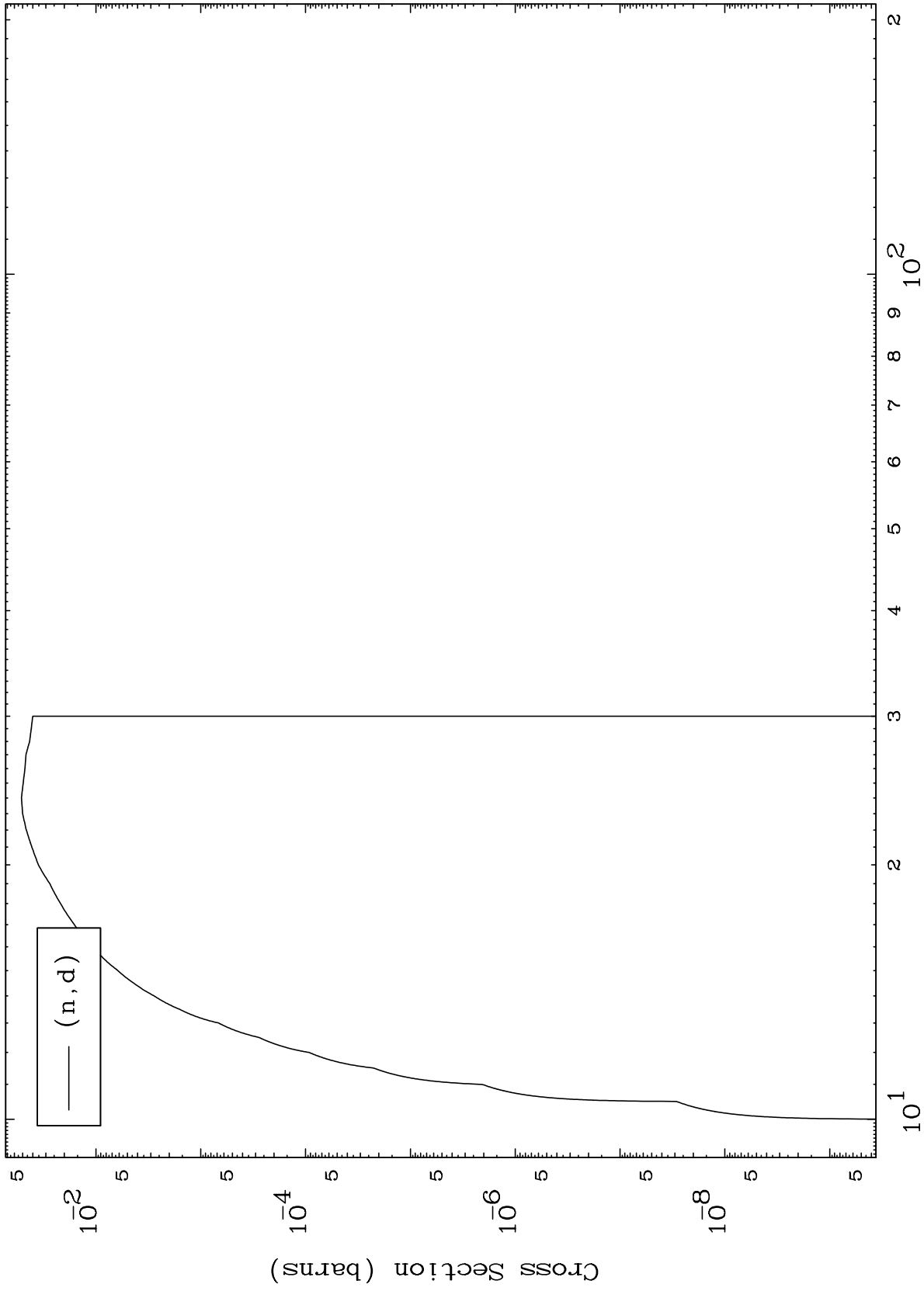
Incident Energy (MeV)

22-Ti-48

MAT 2231

(n,d) Levels
293 Kelvin Cross Sections

22-Ti-48



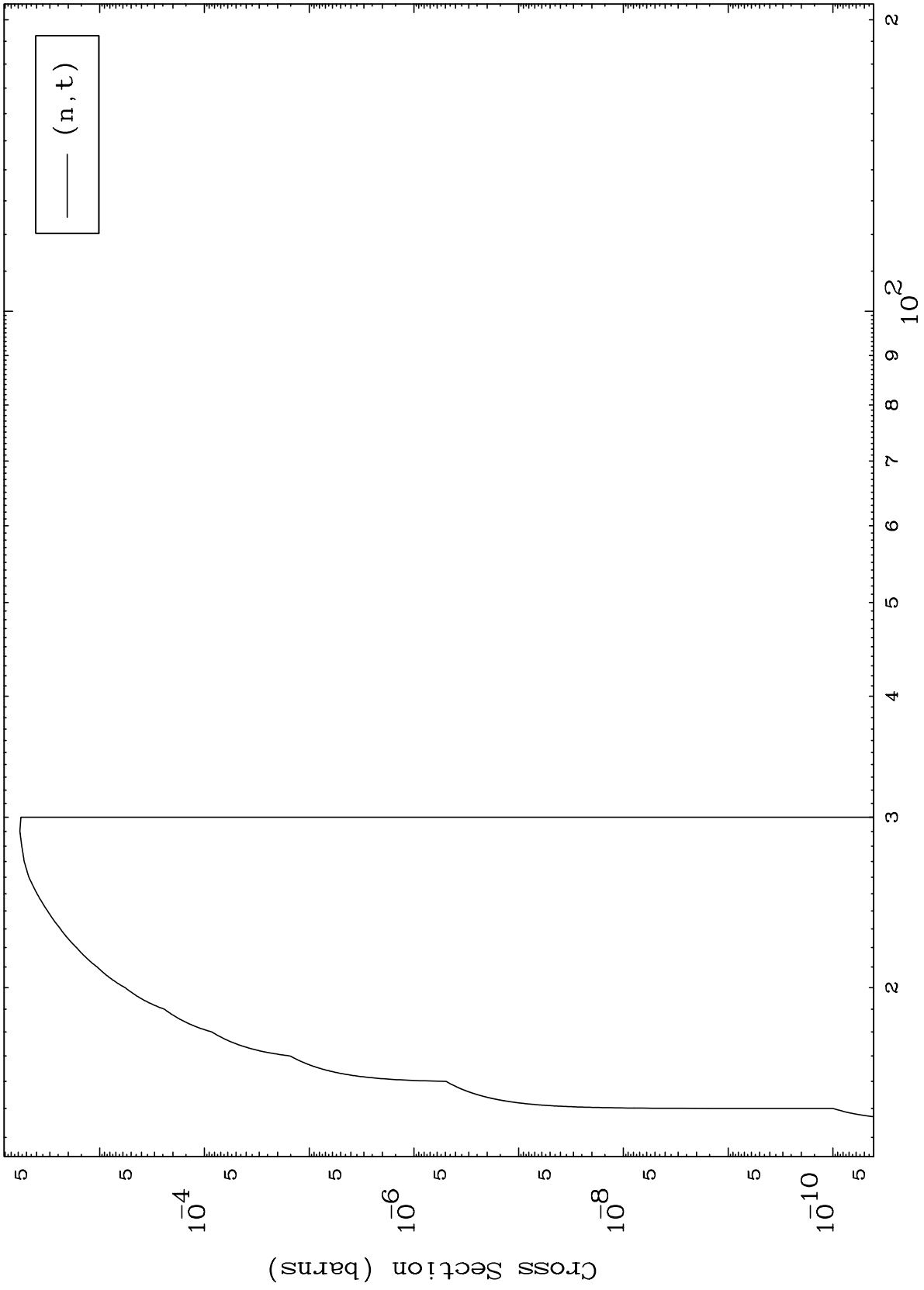
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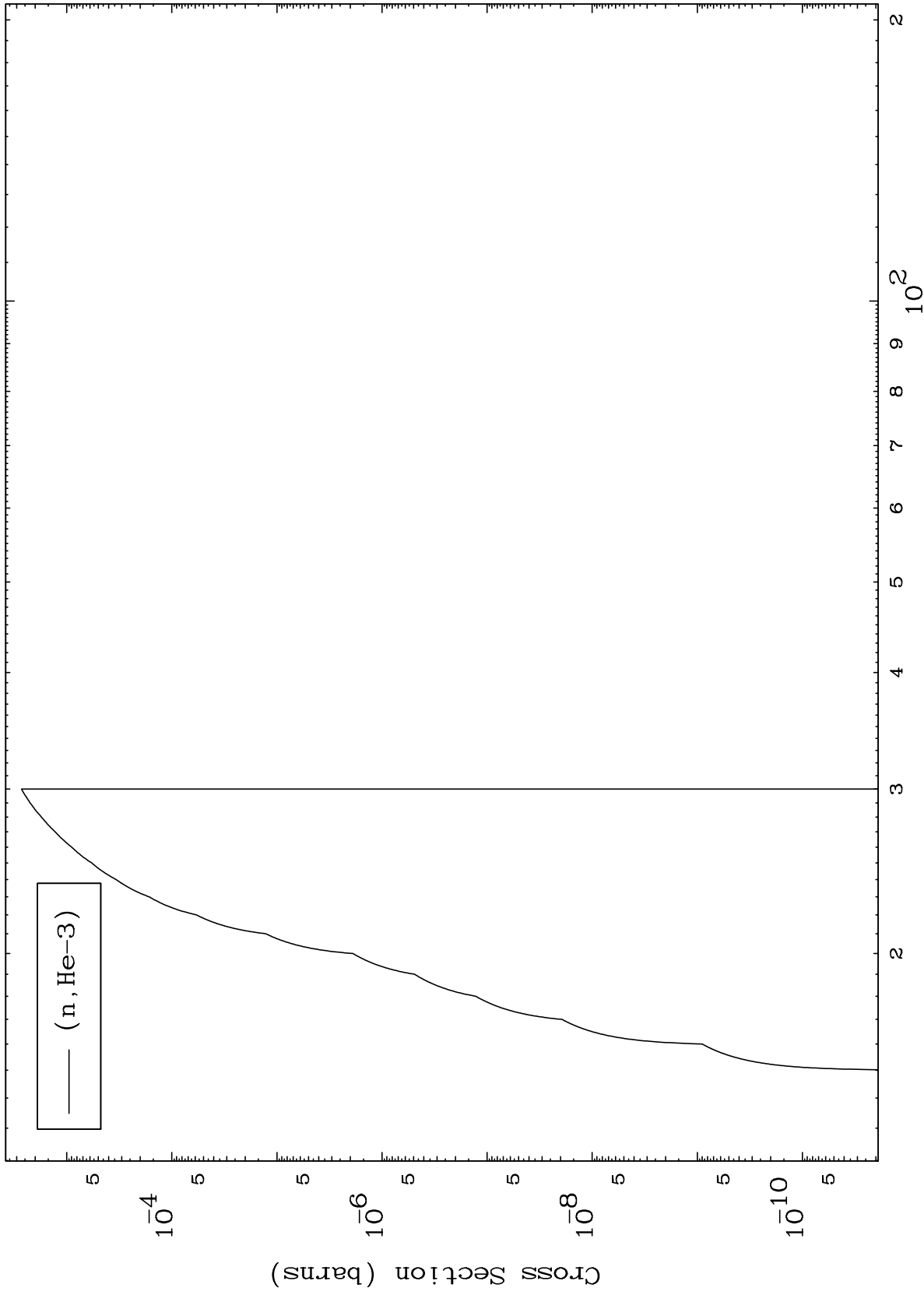
22-Ti-48

MAT 2231

(n,t) Levels
293 Kelvin Cross Sections

22-Ti-48

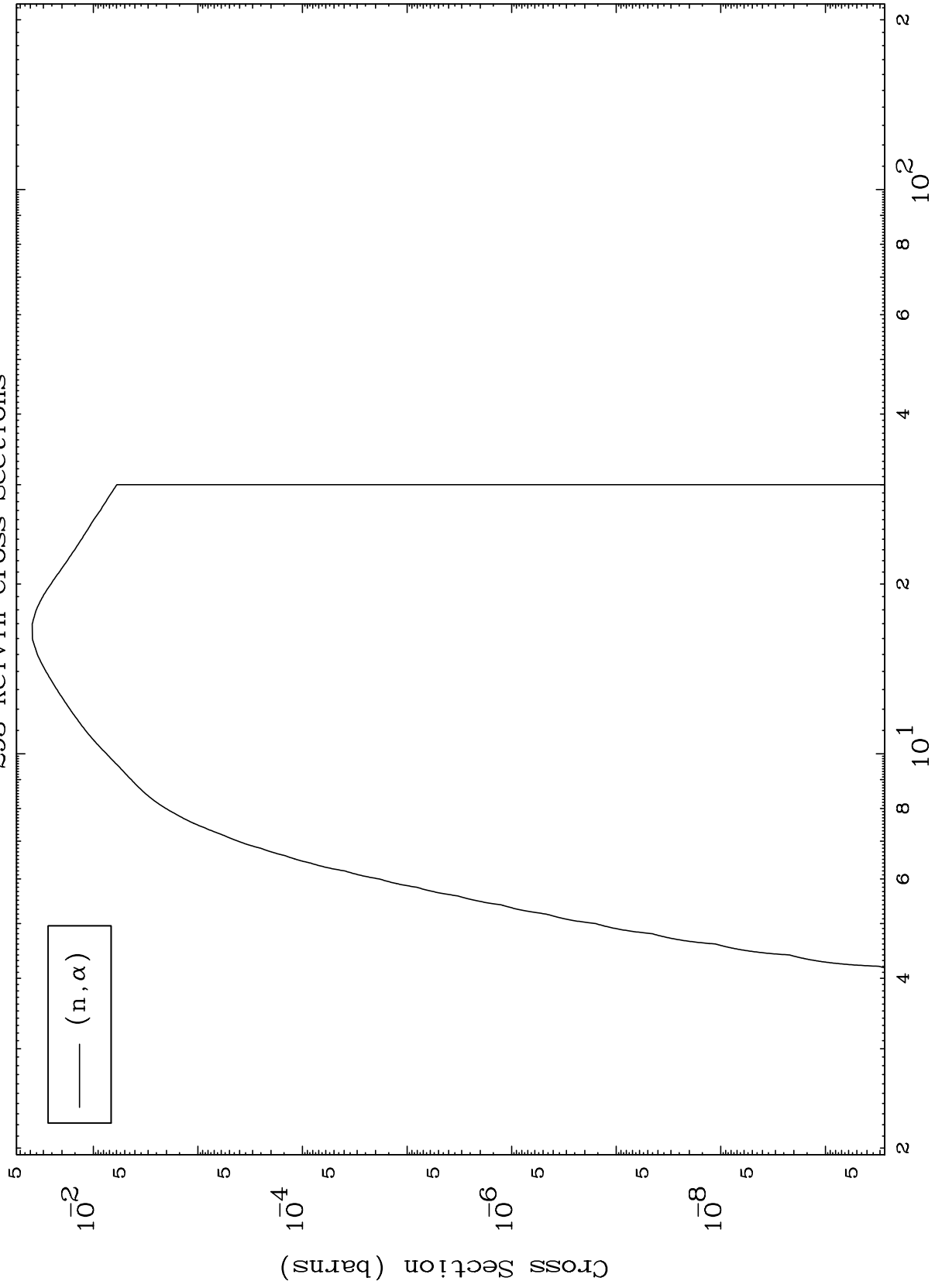




MAT 2231

(n,α) Levels
293 Kelvin Cross Sections

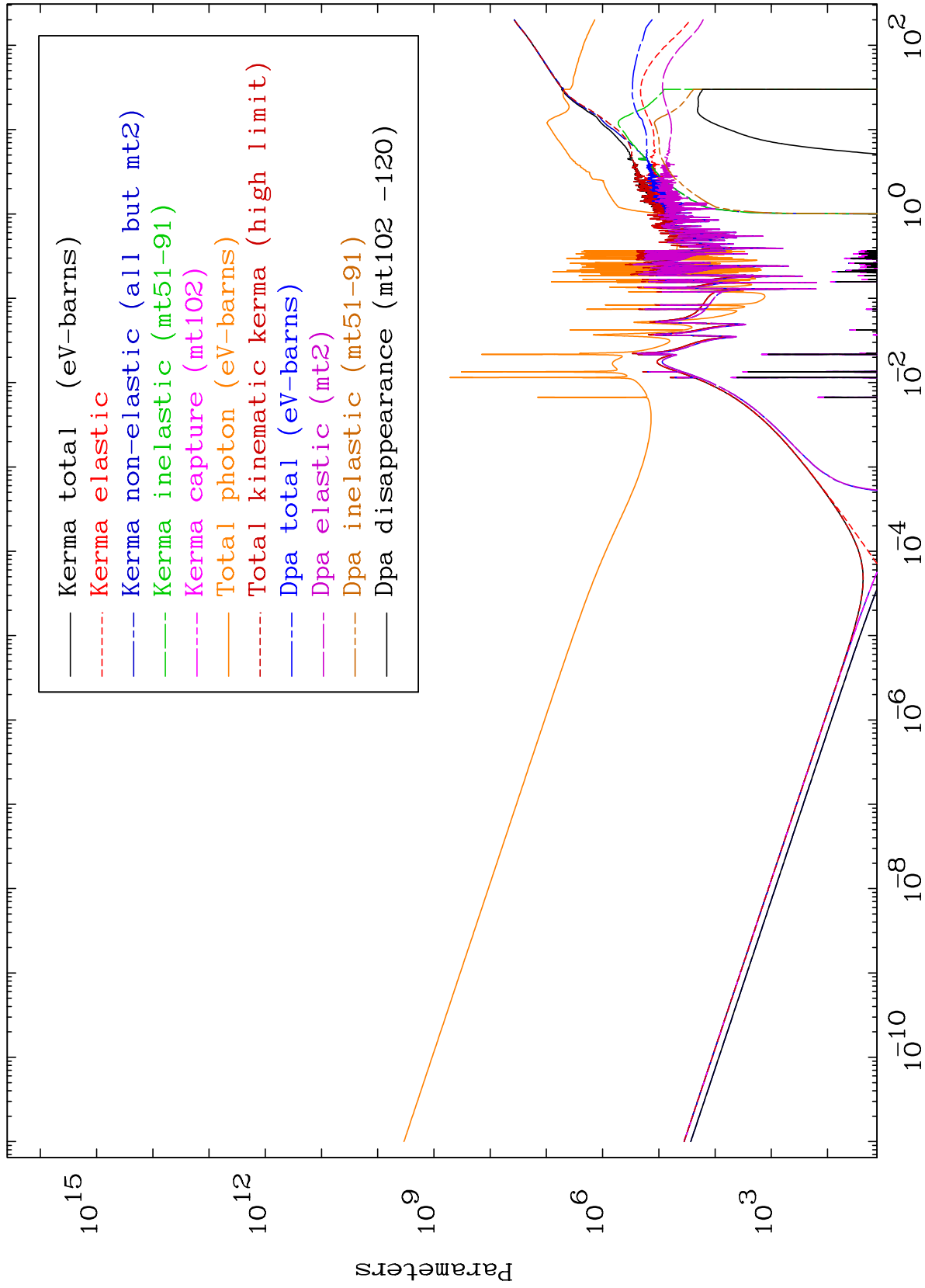
22-Ti-48



13

Incident Energy (MeV)

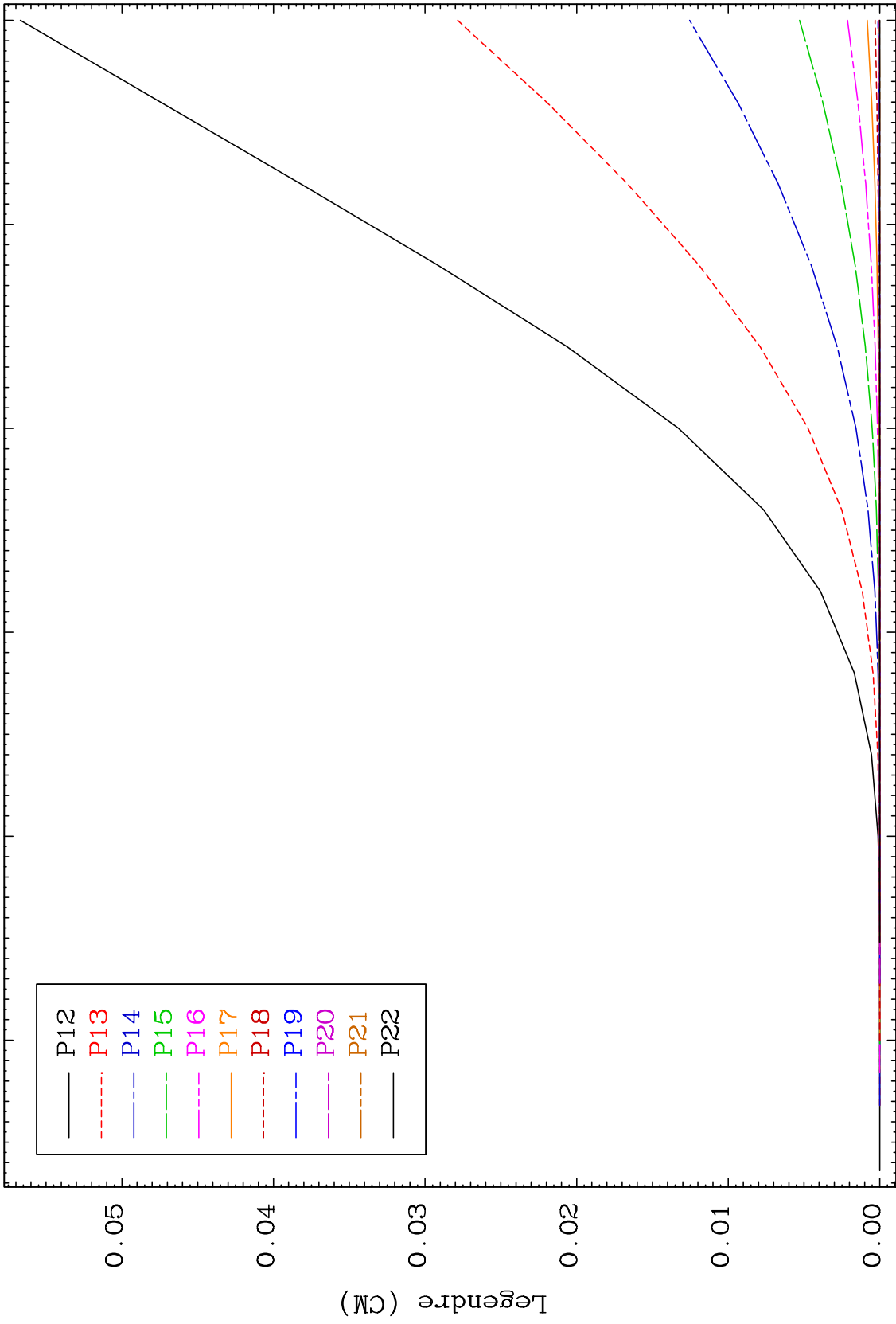
22-Ti-48



MAT 2231

Elastic Legendre Coefficients

²²Ti-48



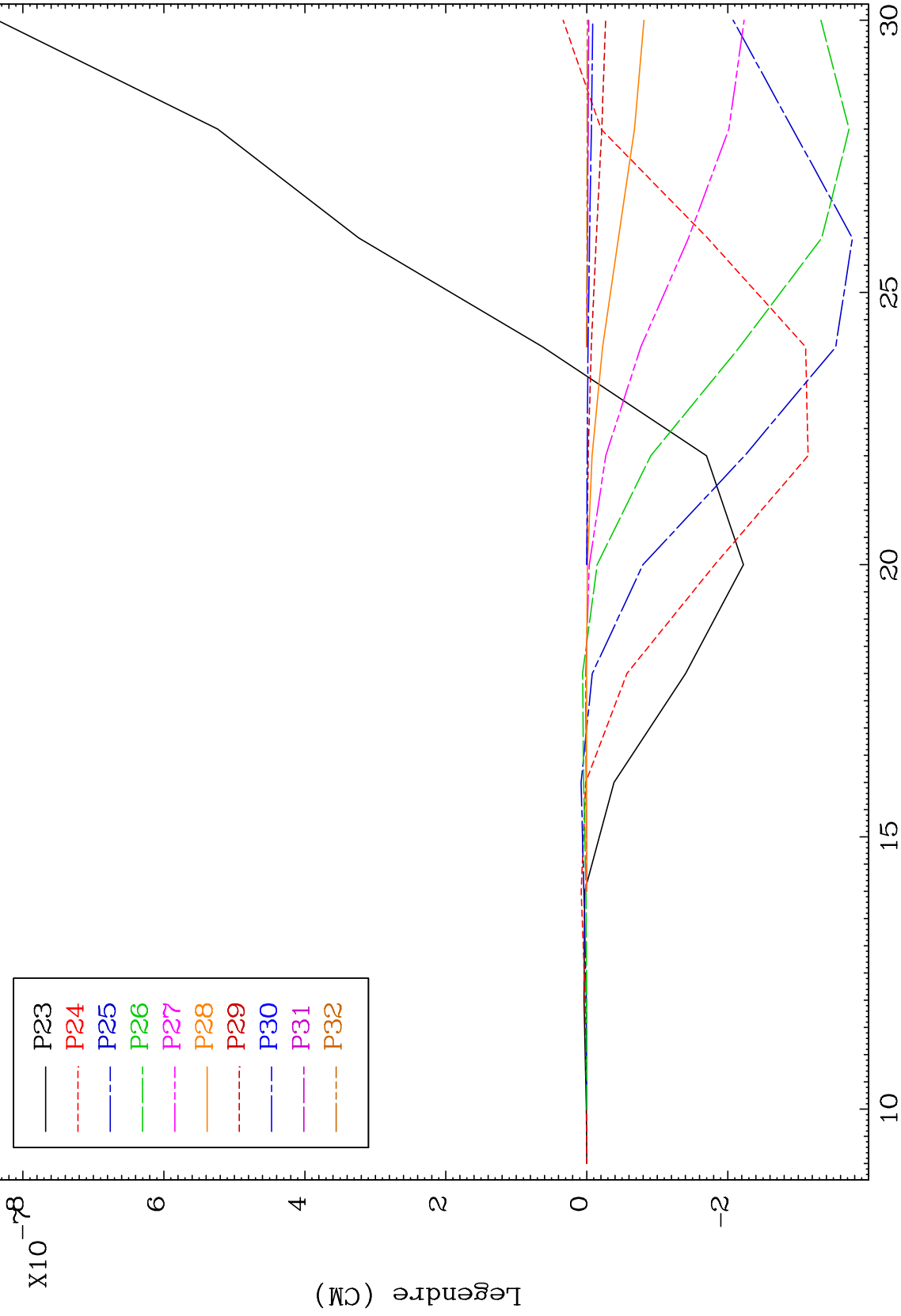
16

²²Ti-48

MAT 2231

Elastic Legendre Coefficients

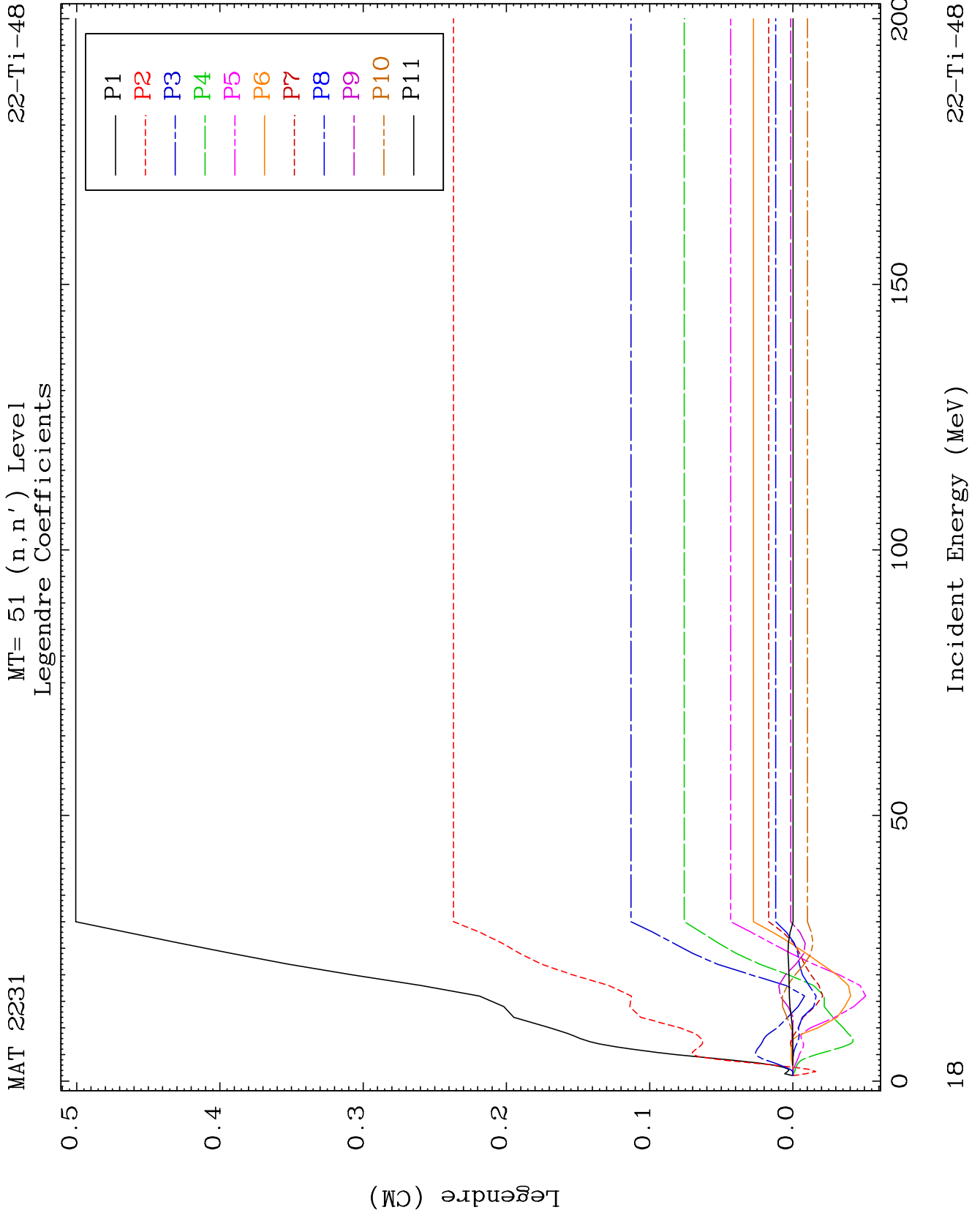
²²Ti-48



17

Incident Energy (MeV)

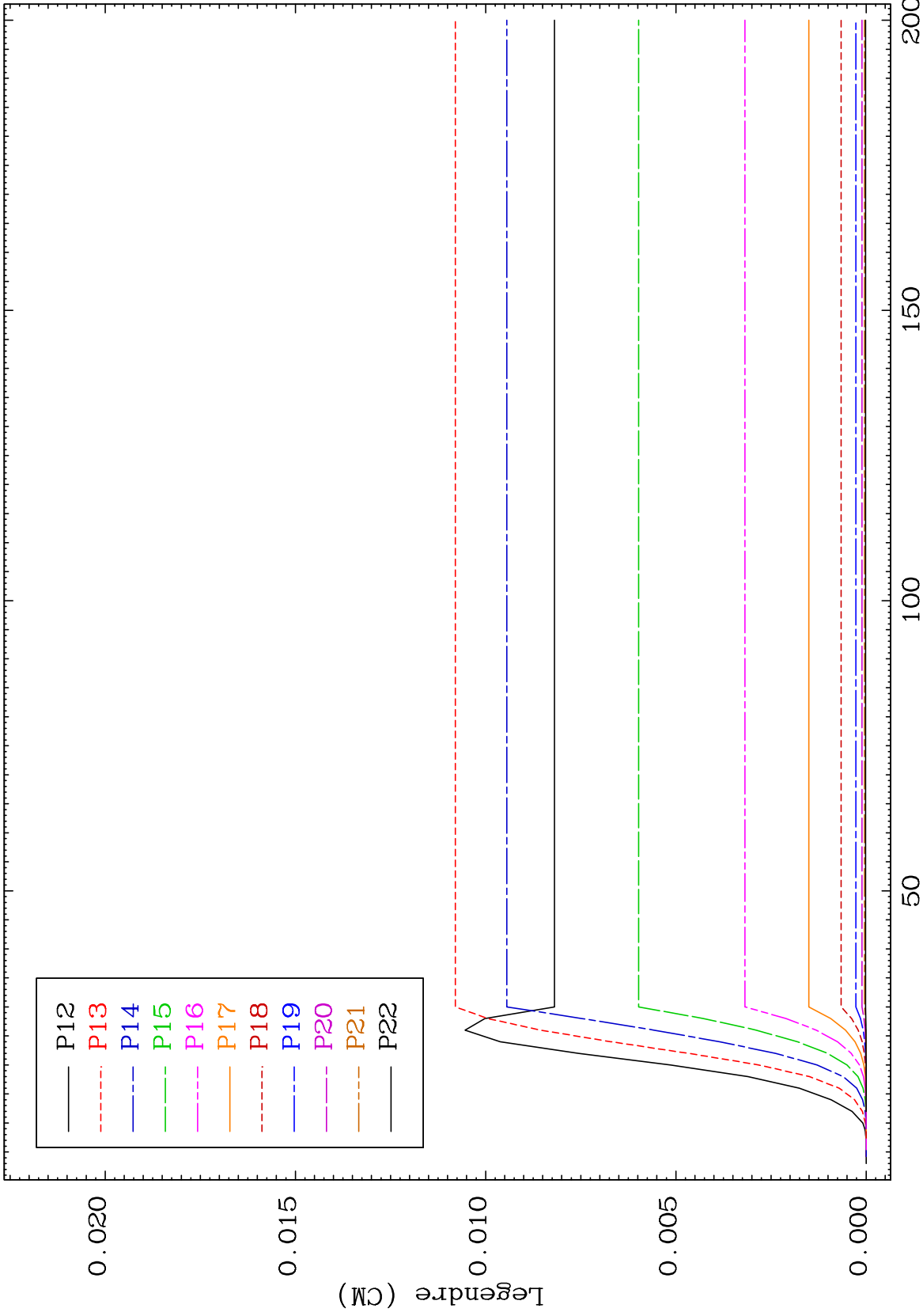
²²Ti-48



MAT 2231

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

22-Ti-48



19

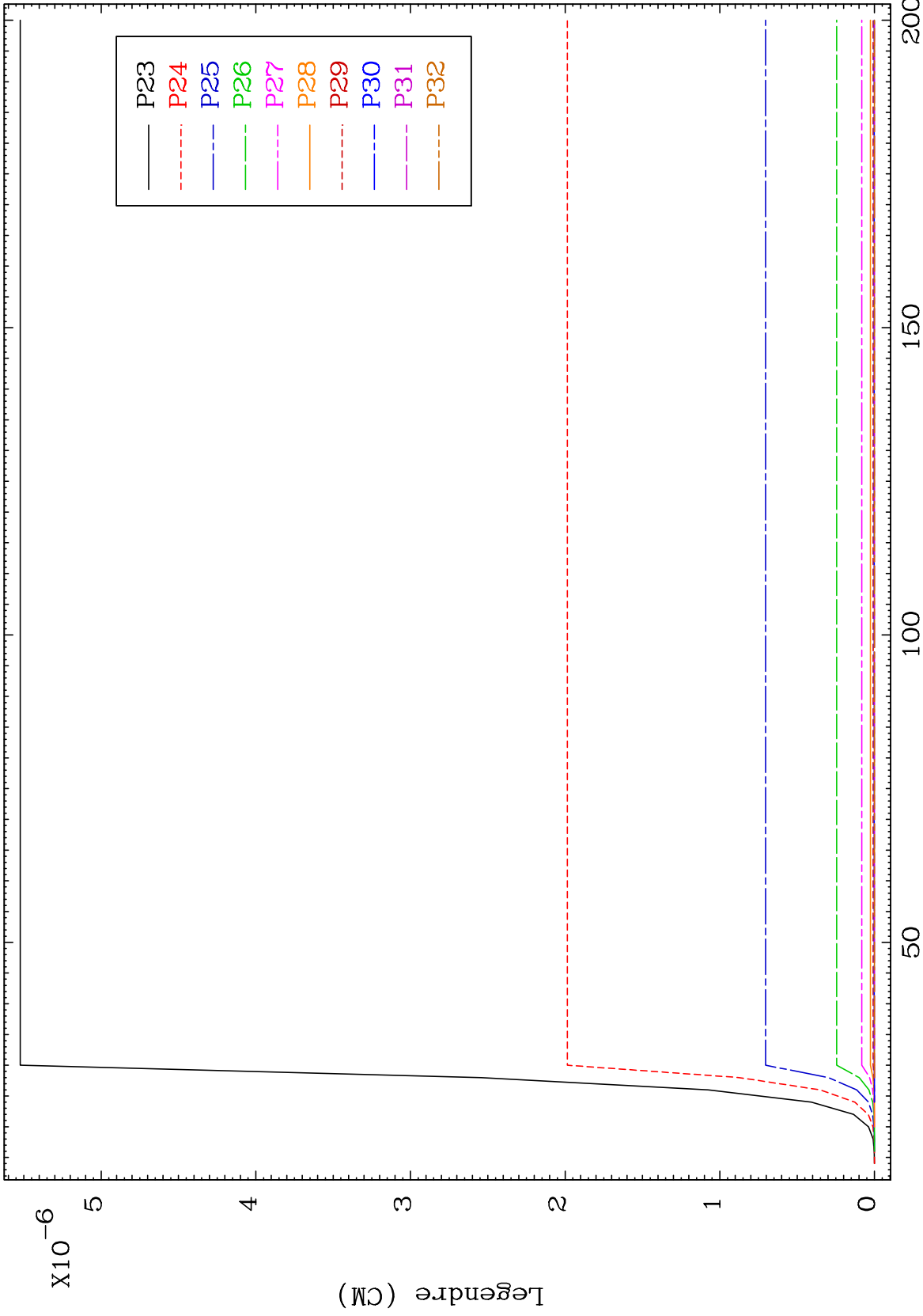
Incident Energy (MeV)

22-Ti-48

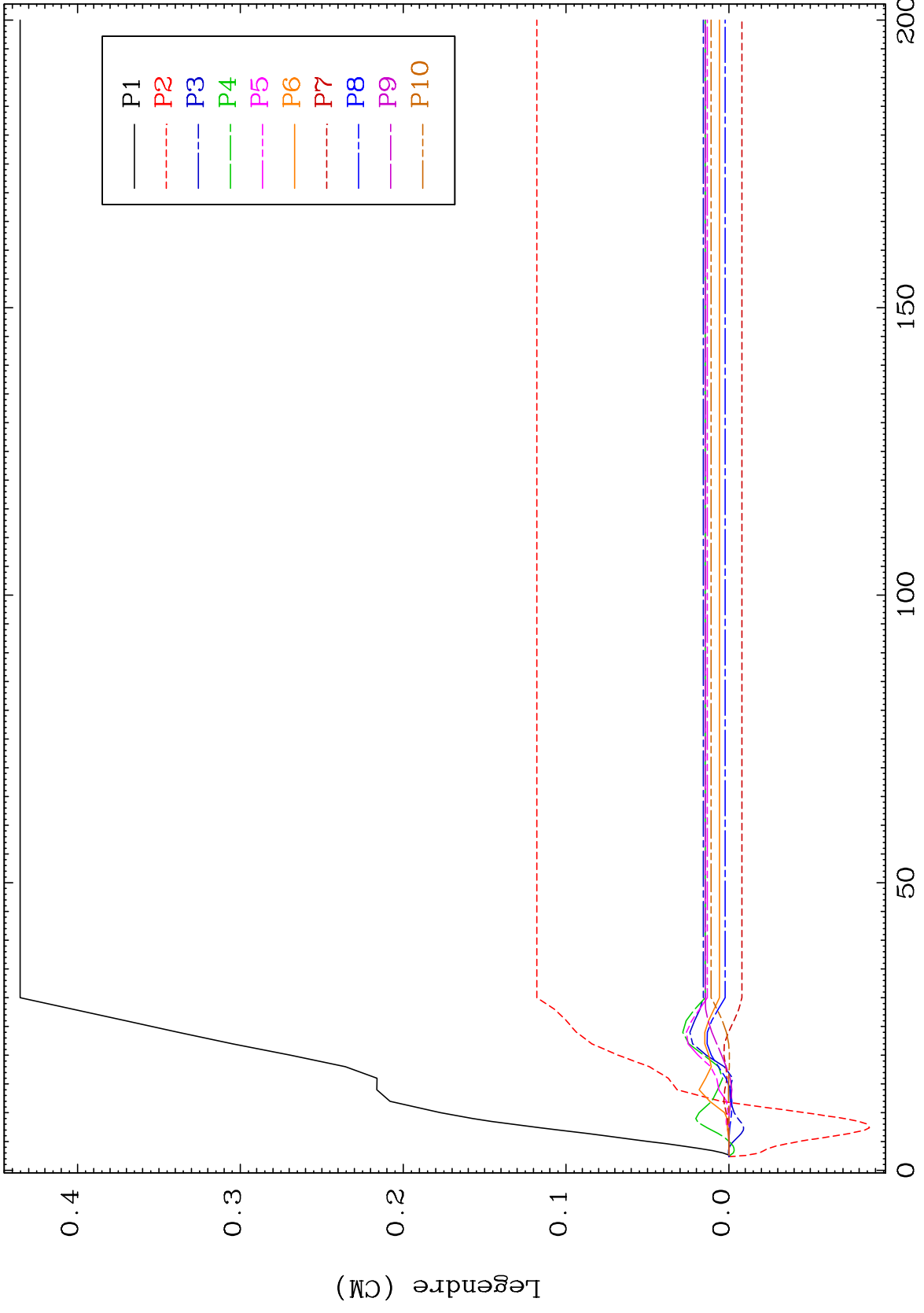
MAT 2231

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

22-Ti-48



MAT 2231 MT= 52 (n,n') Level Legendre Coefficients 22-Ti-48

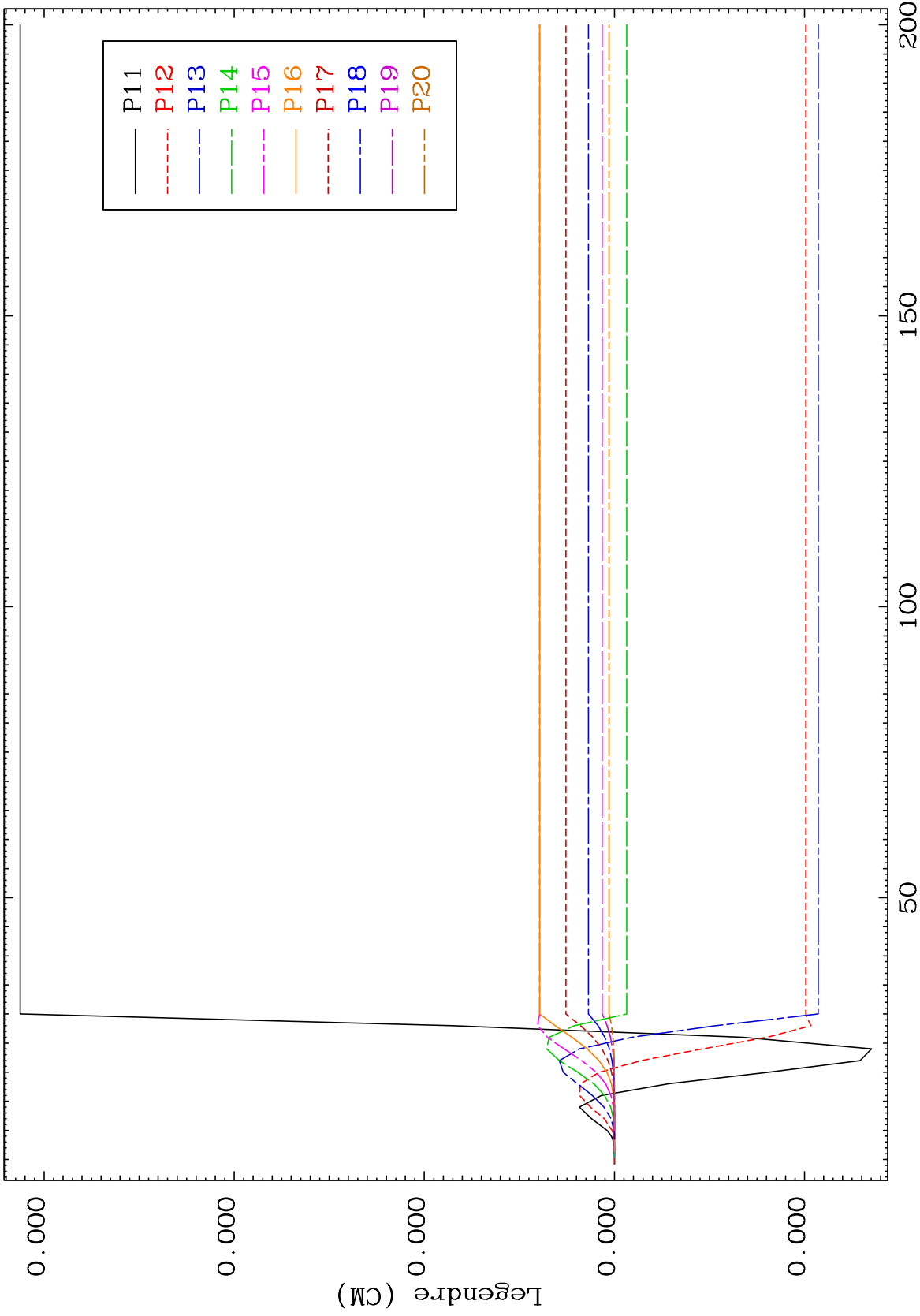


21 22-Ti-48

MAT 2231

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

22-Ti-48

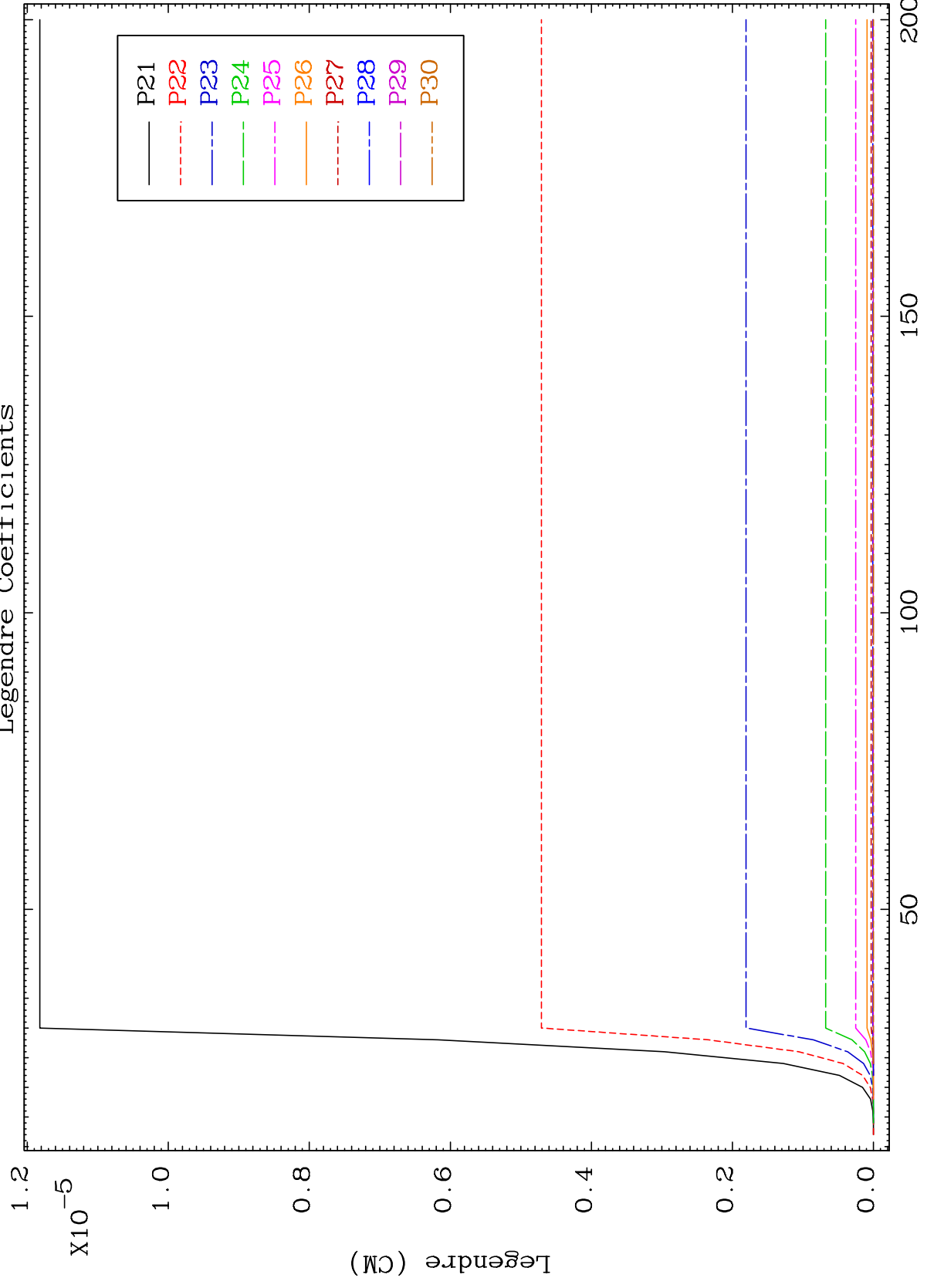


22

Incident Energy (MeV)

22-Ti-48

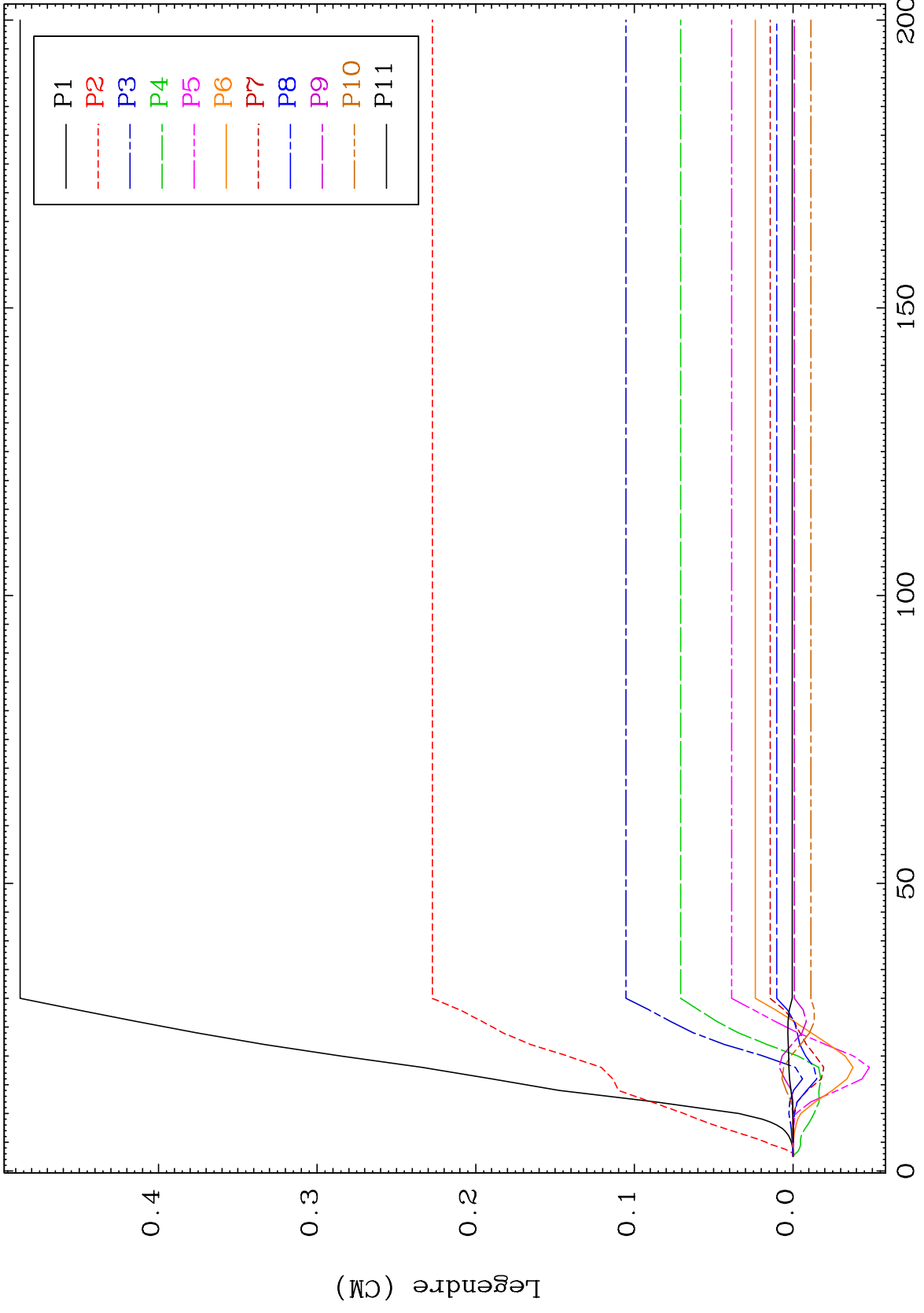
MAT 2231 MT= 52 (n,n') Level Legendre Coefficients 22-Ti-48



23

22-Ti-48

MAT 2231 MT= 53 (n,n') Level Legendre Coefficients 22-Ti-48

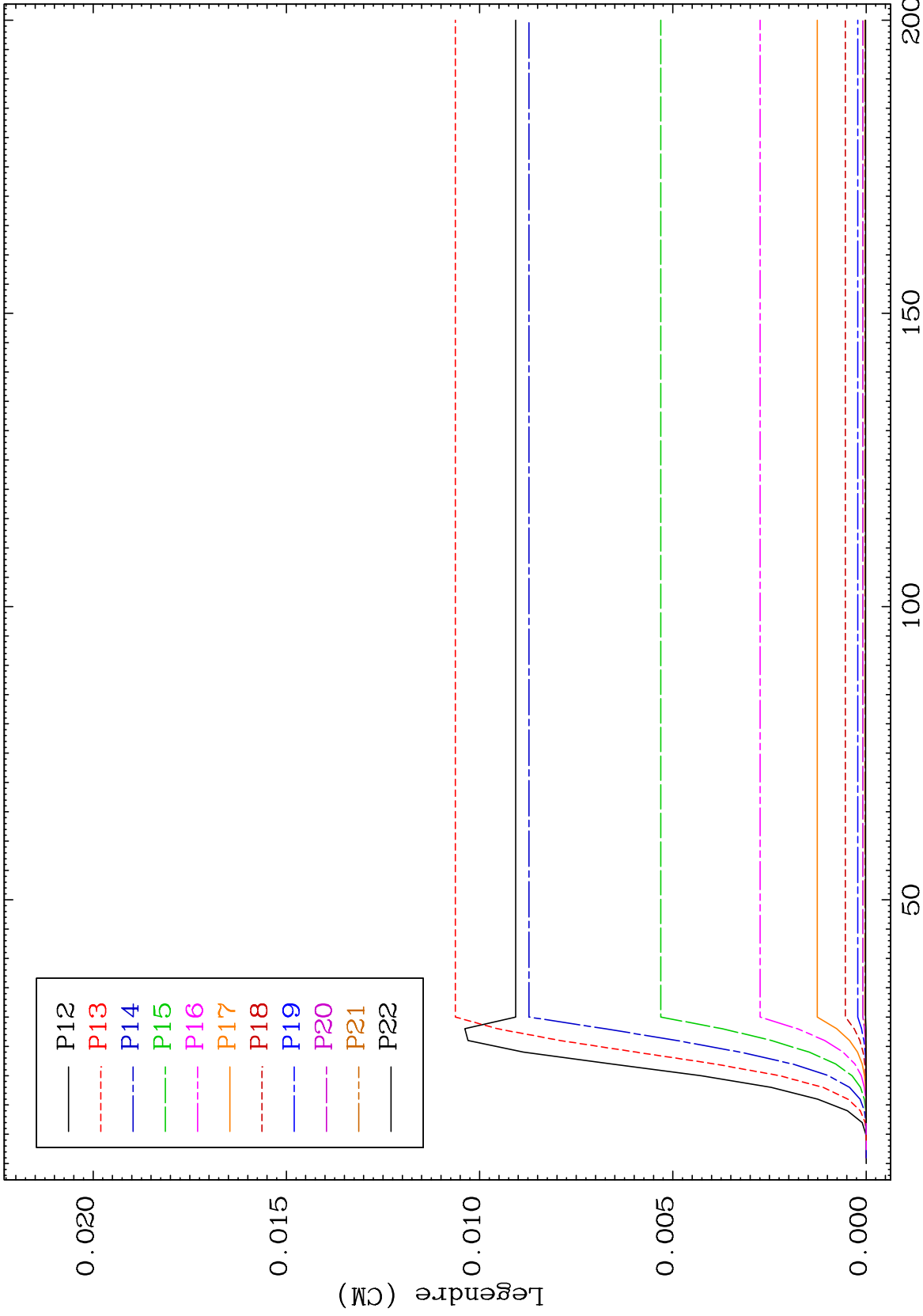


24 22-Ti-48

MAT 2231

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

22-Ti-48



25

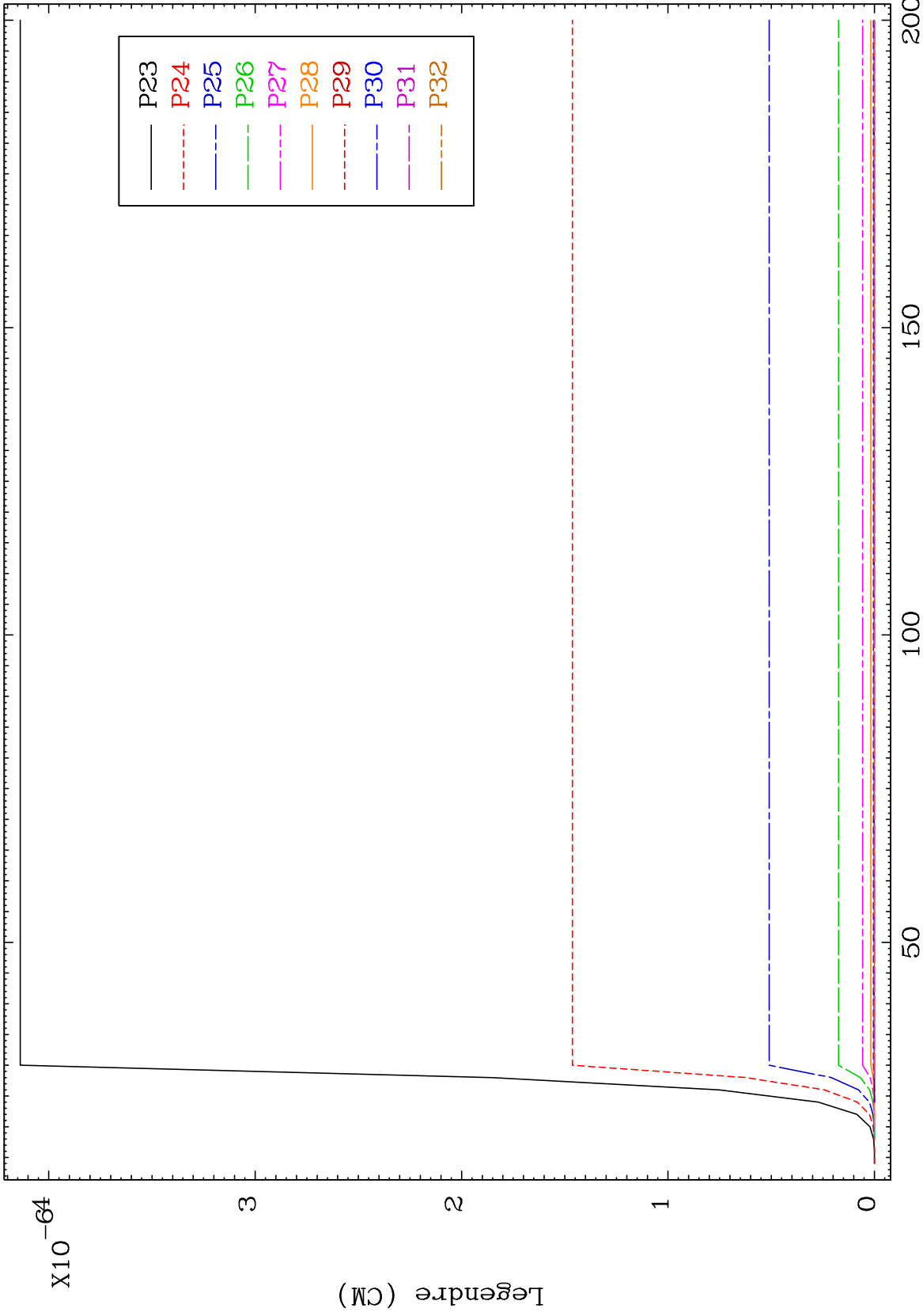
Incident Energy (MeV)

22-Ti-48

MAT 2231

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

22-Ti-48

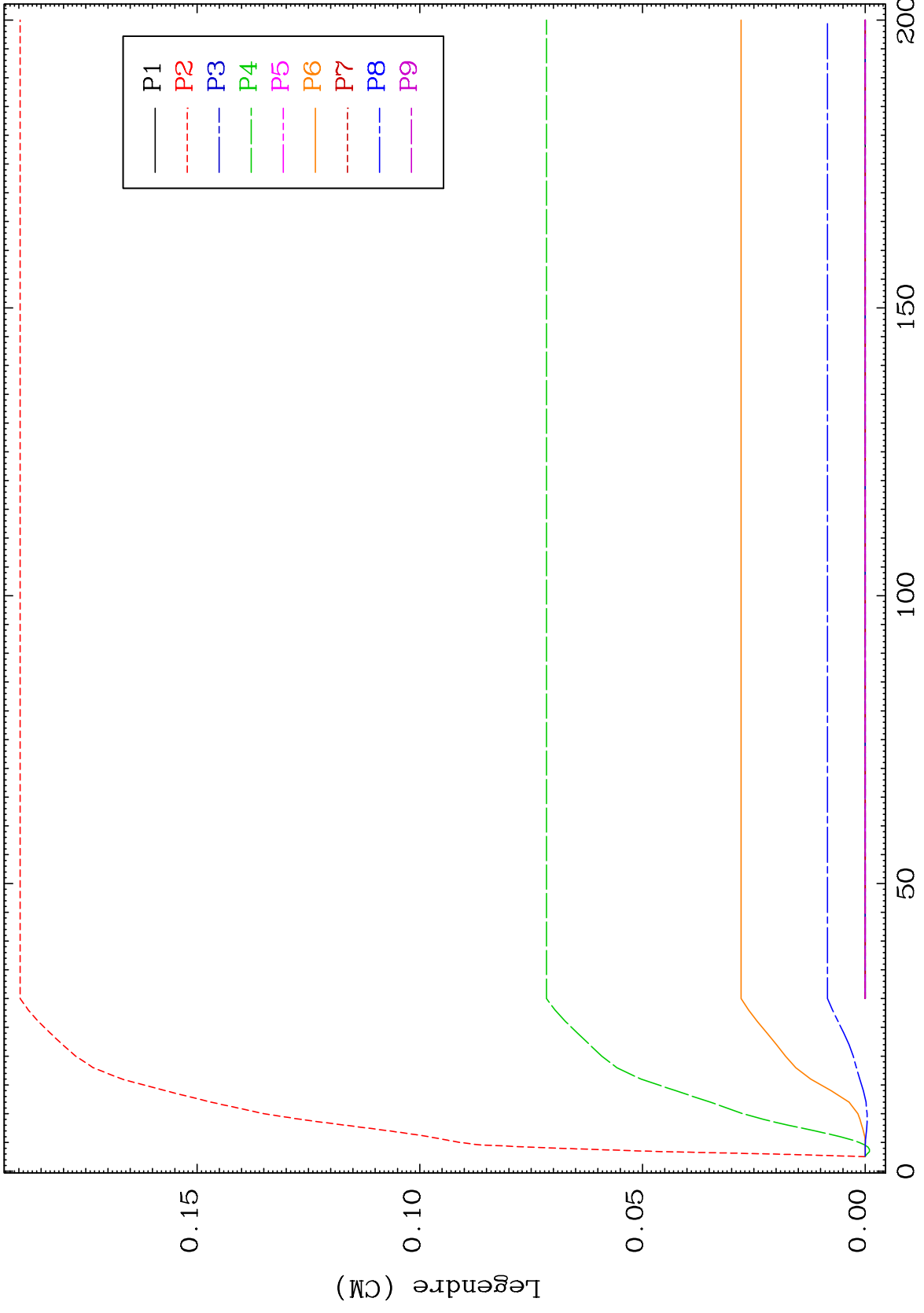


26

Incident Energy (MeV)

22-Ti-48

MAT 2231 MT= 54 (n,n') Level Legendre Coefficients 22-Ti-48

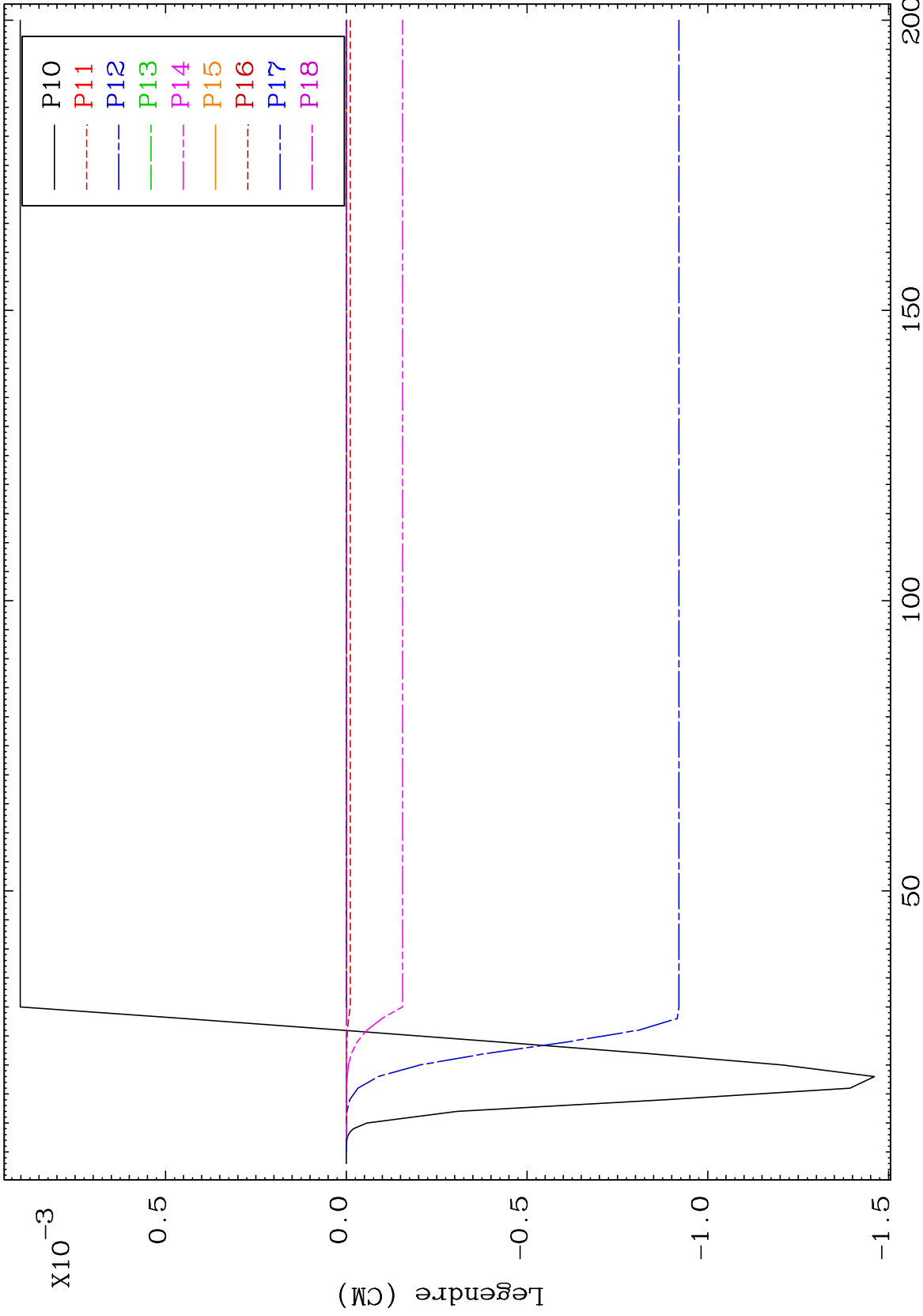


27 22-Ti-48

MAT 2231

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

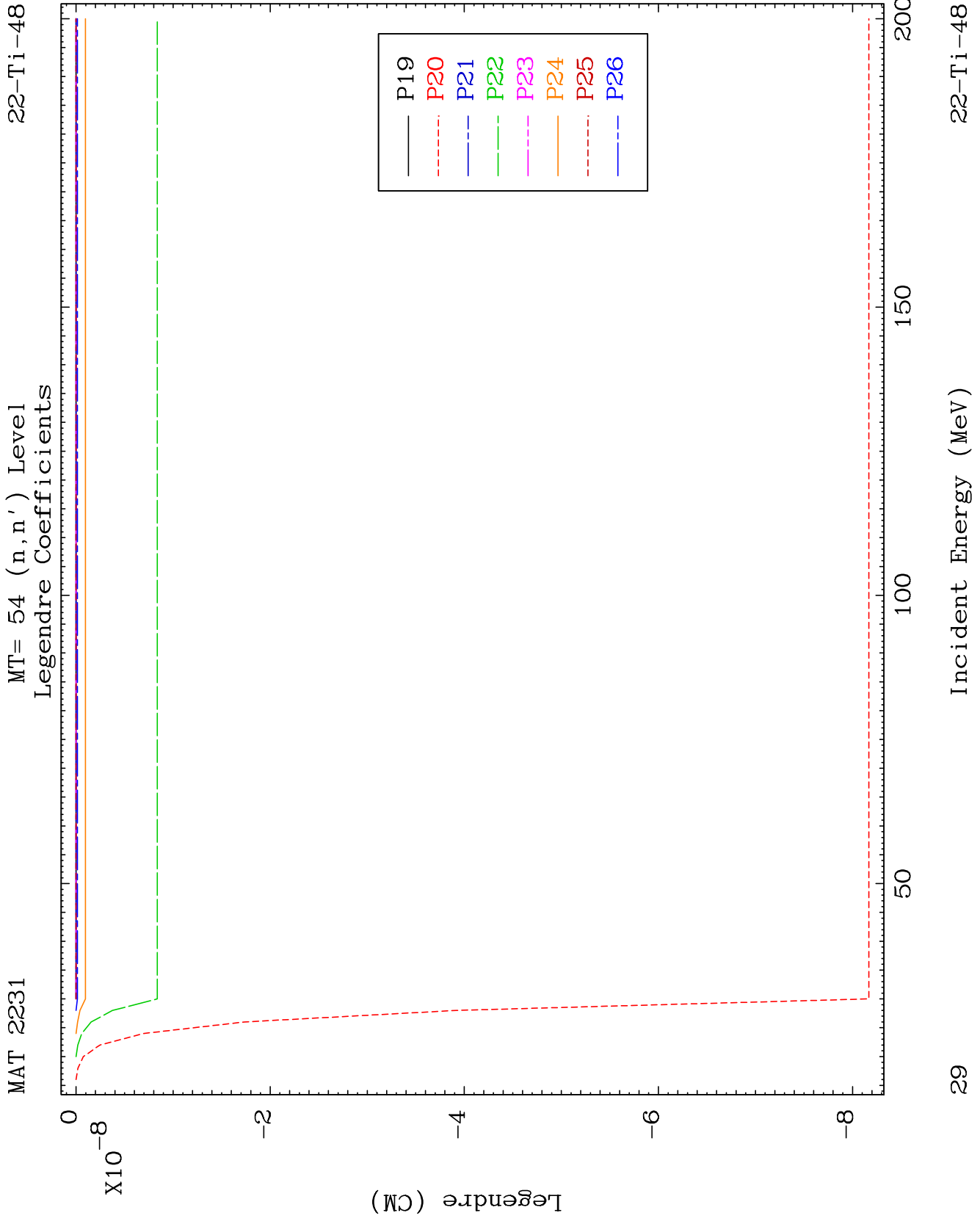
22-Ti-48



28

Incident Energy (MeV)

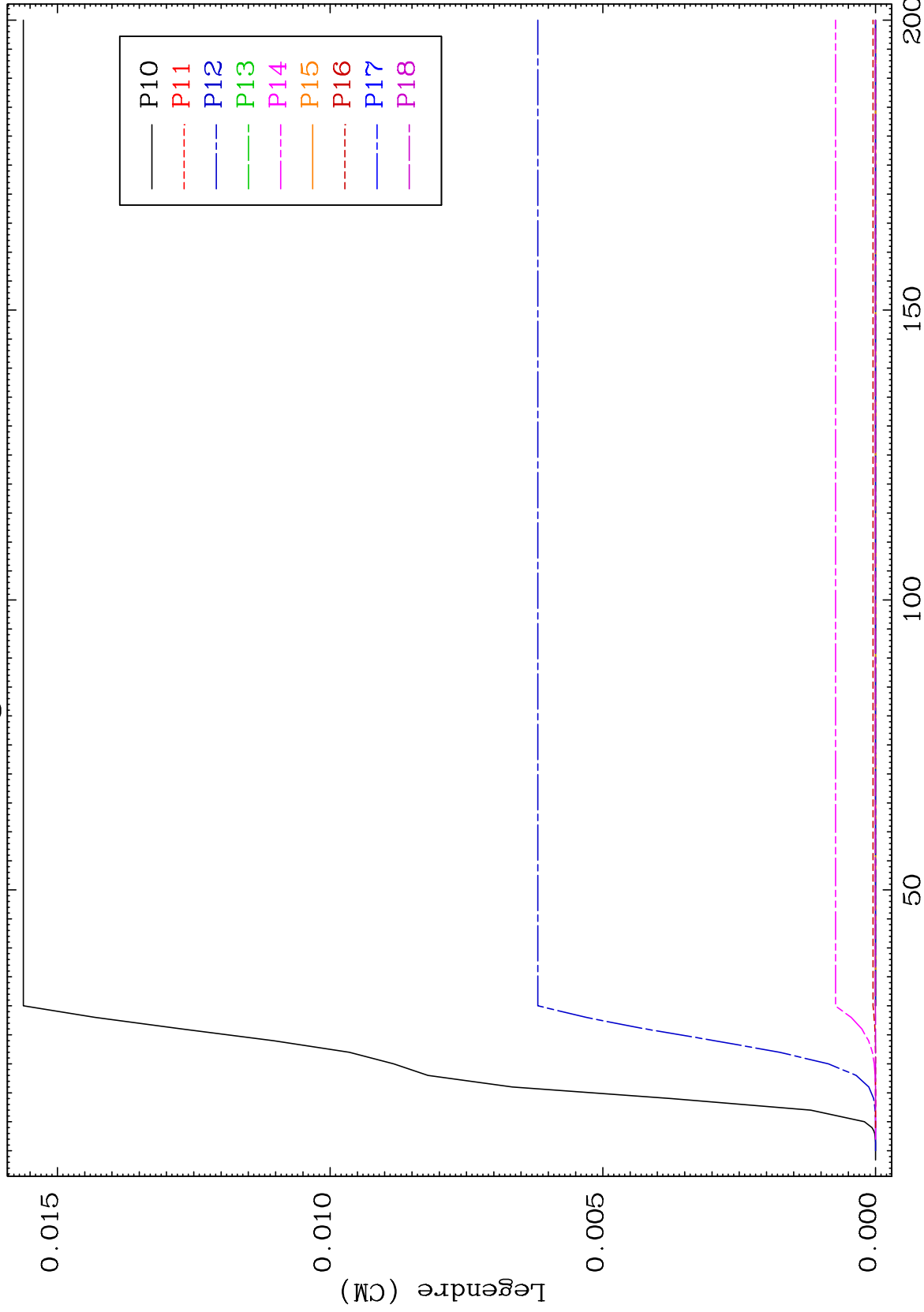
22-Ti-48



MAT 2231

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

22-Ti-48

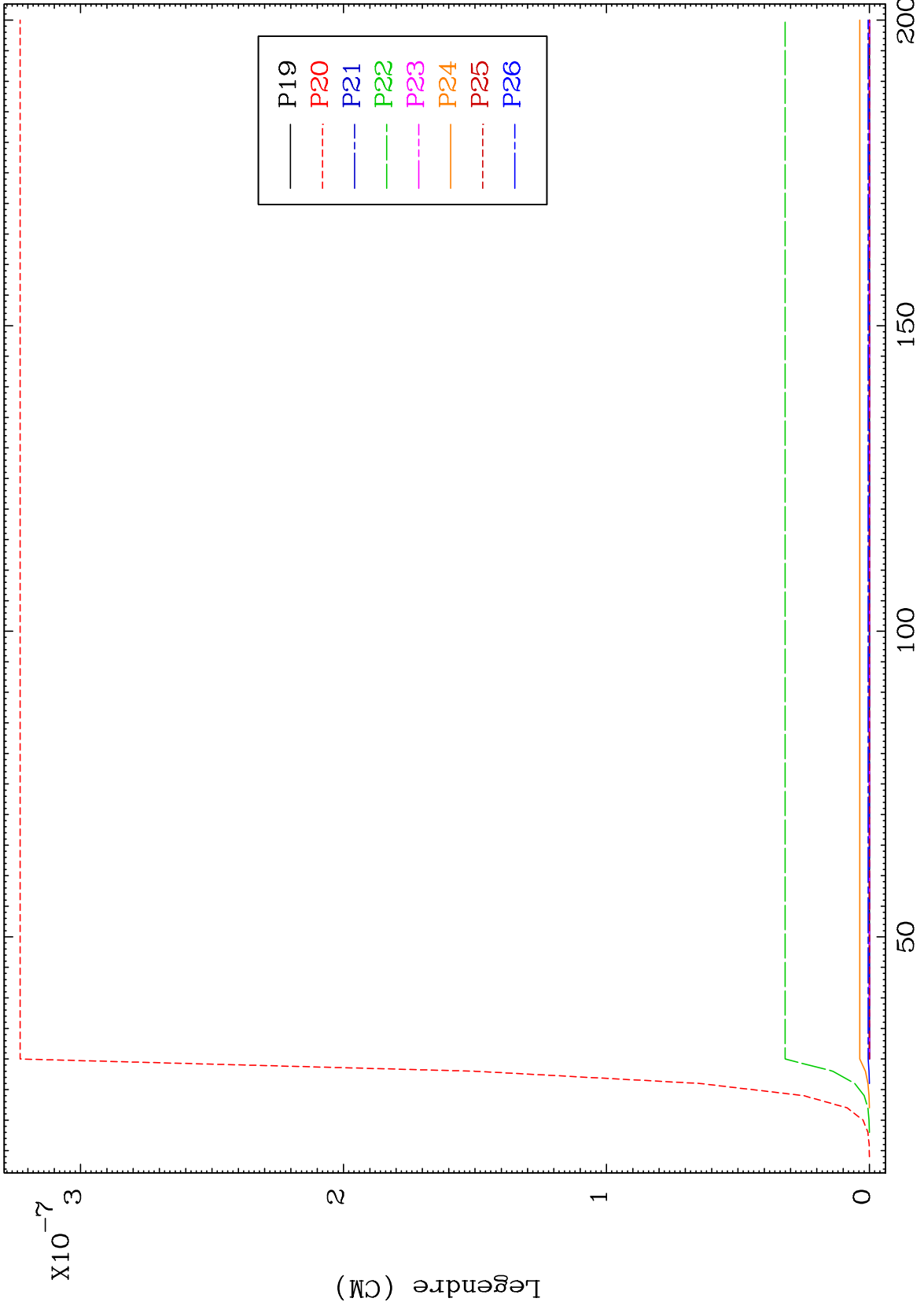


31

Incident Energy (MeV)

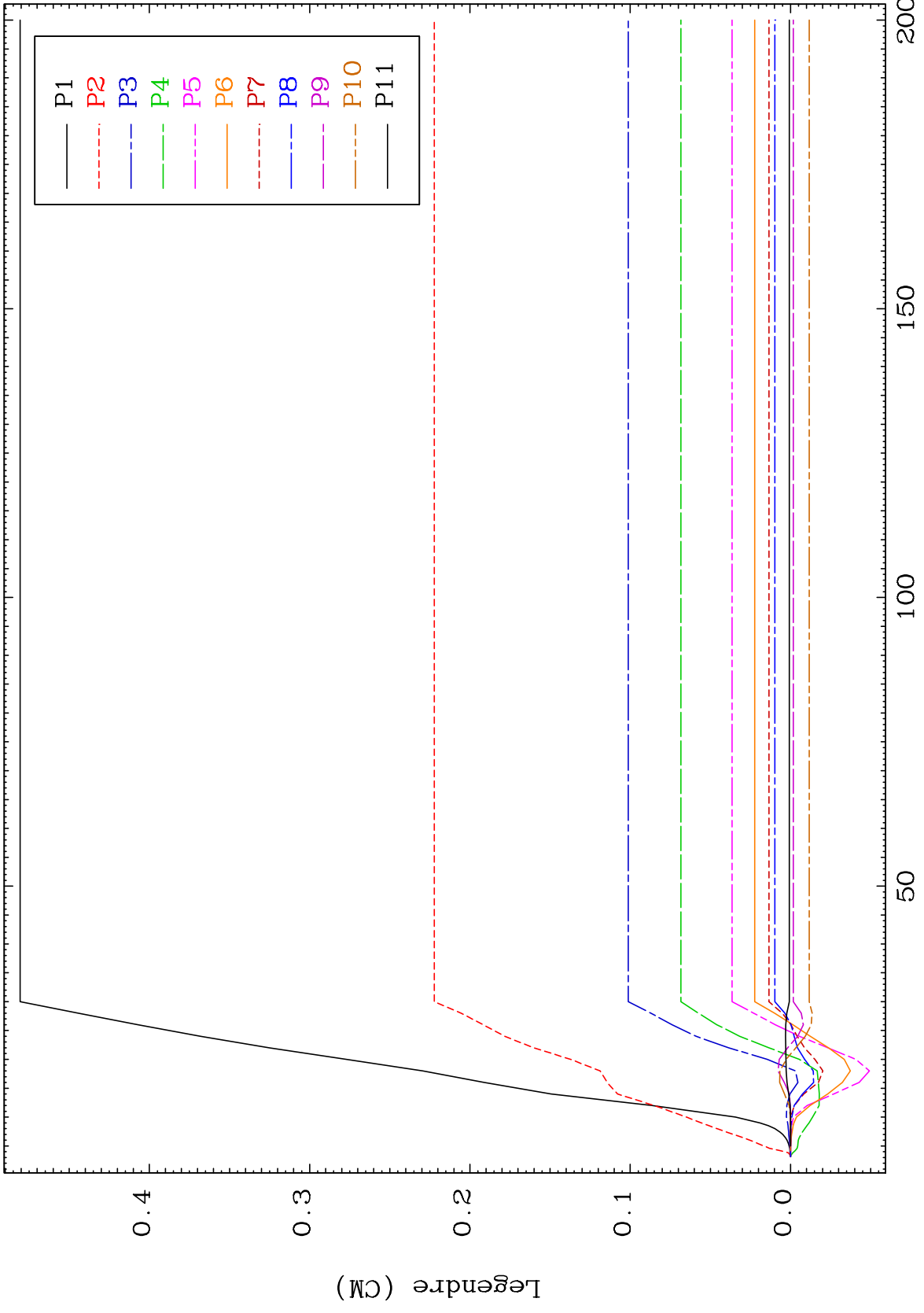
22-Ti-48

MAT 2231 MT= 55 (n,n') Level Legendre Coefficients 22-Ti-48



32 50 100 150 200 22-Ti-48

MAT 2231 MT= 56 (n,n') Level Legendre Coefficients 22-Ti-48

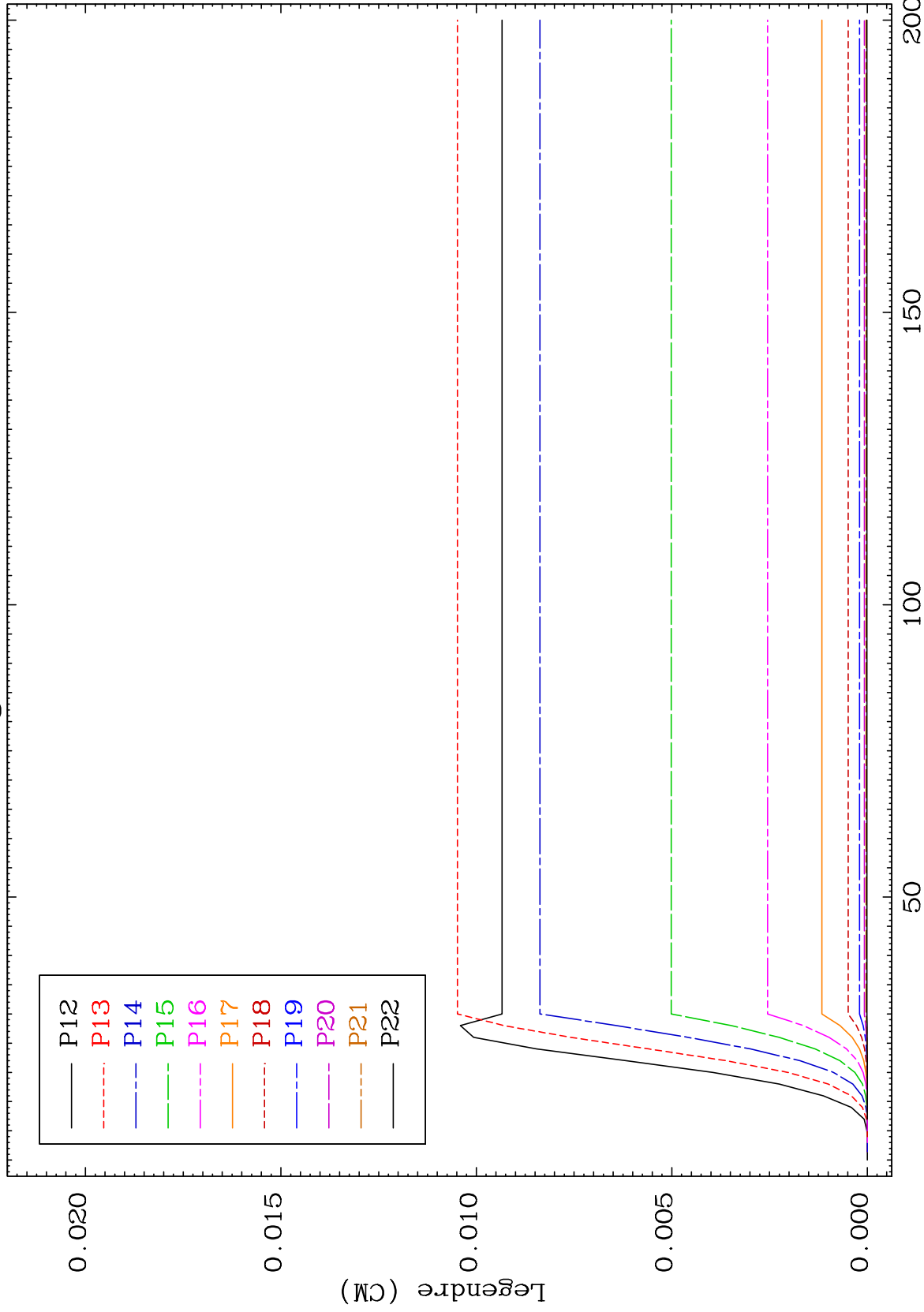


33 Incident Energy (MeV) 22-Ti-48

MAT 2231

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

22-Ti-48



34

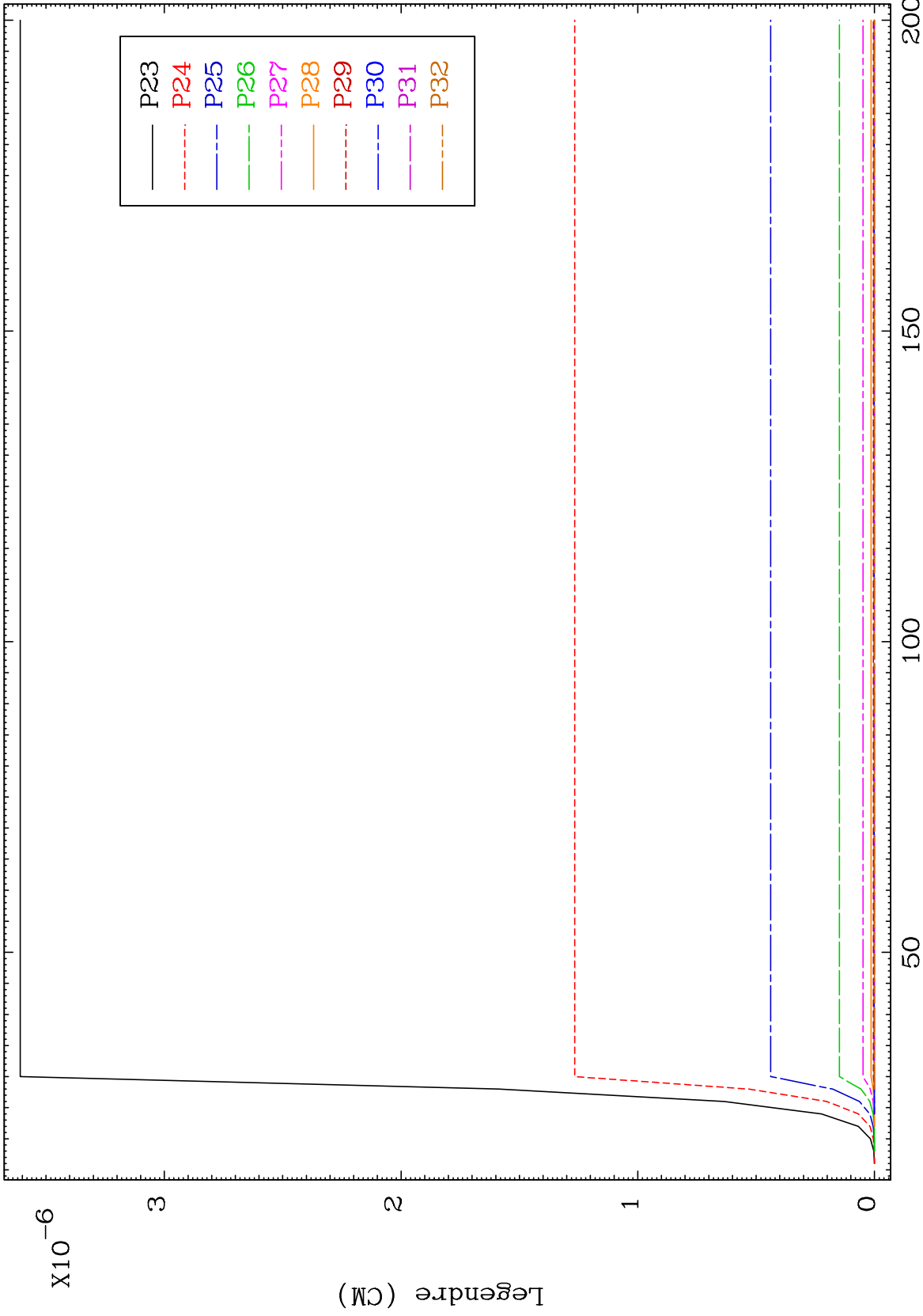
Incident Energy (MeV)

22-Ti-48

MAT 2231

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

22-Ti-48



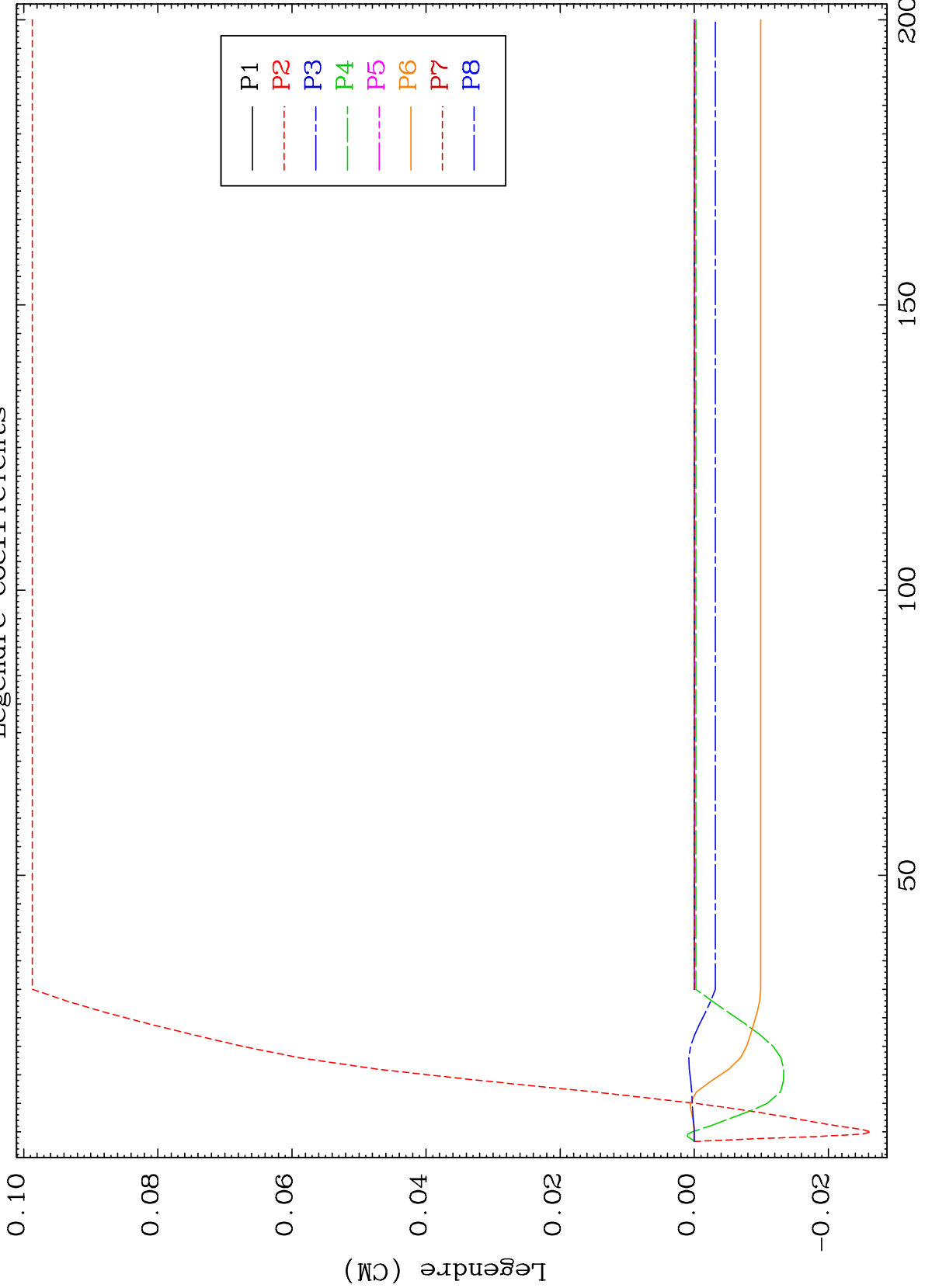
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Incident Energy (MeV)

22-Ti-48

MAT 2231 MT= 57 (n,n') Level Legendre Coefficients

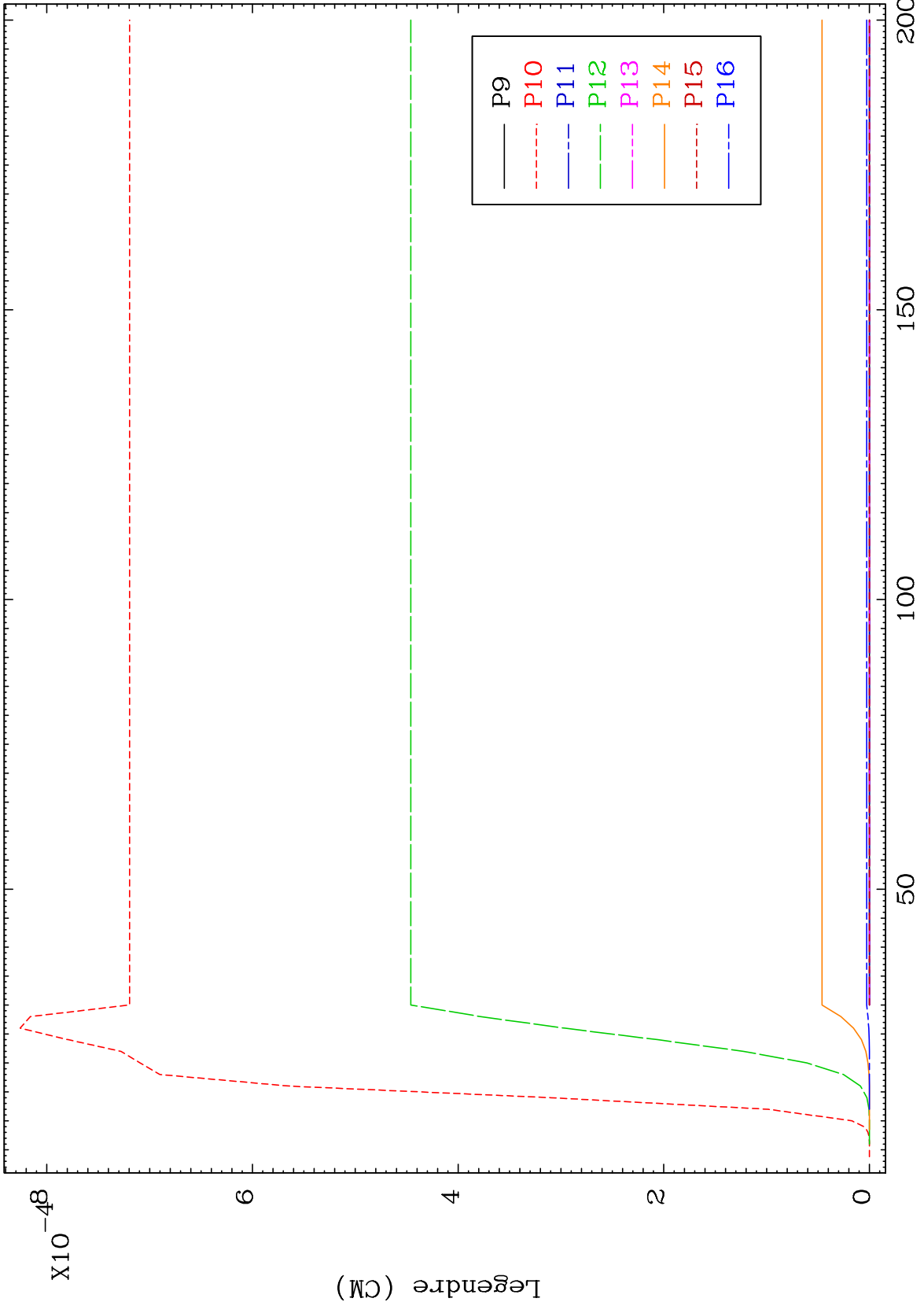
22-Ti-48



36

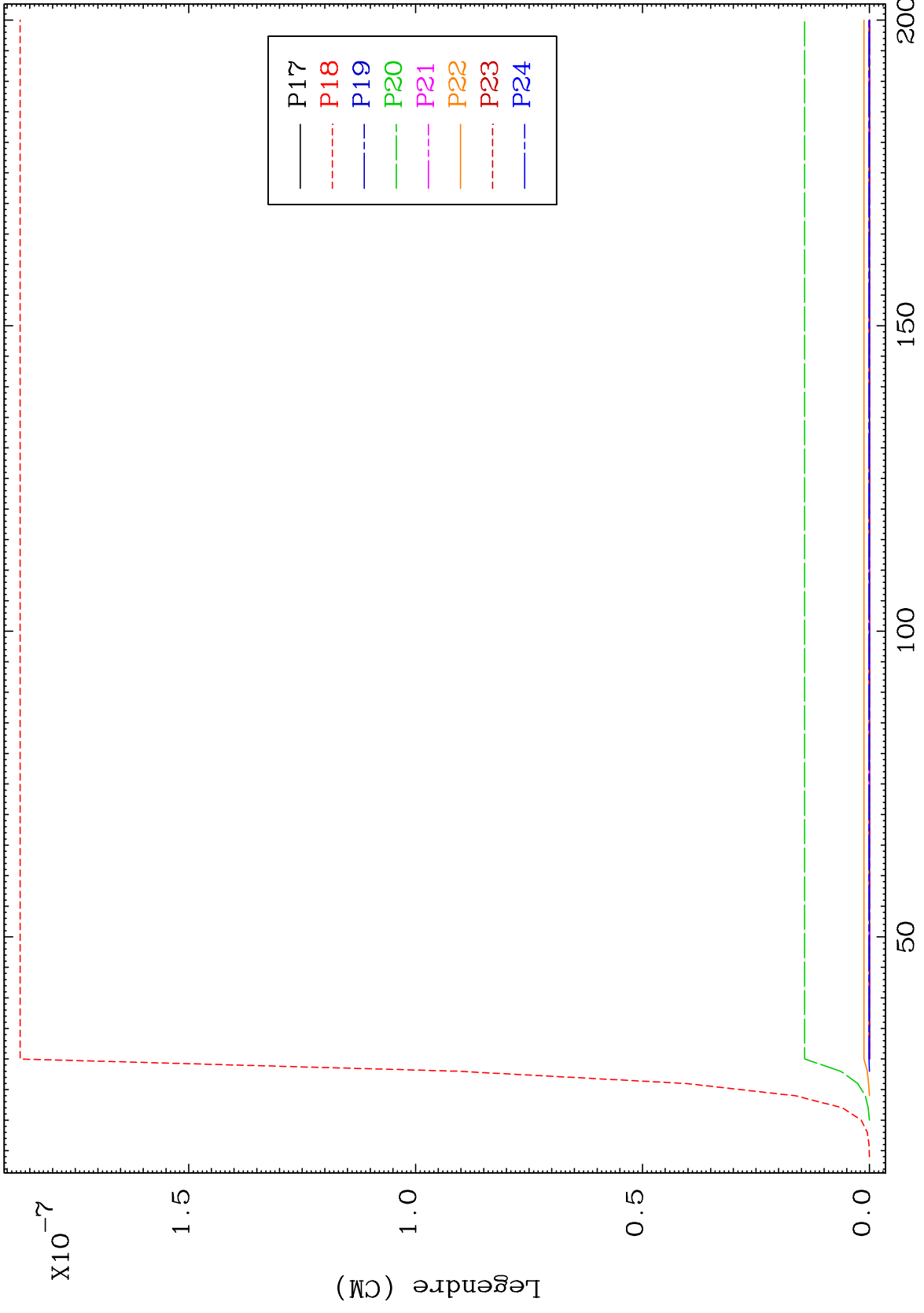
22-Ti-48

MAT 2231 MT= 57 (n,n') Level Legendre Coefficients 22-Ti-48



37 50 100 150 200 22-Ti-48

MAT 2231 MT= 57 (n,n') Level Legendre Coefficients 22-Ti-48

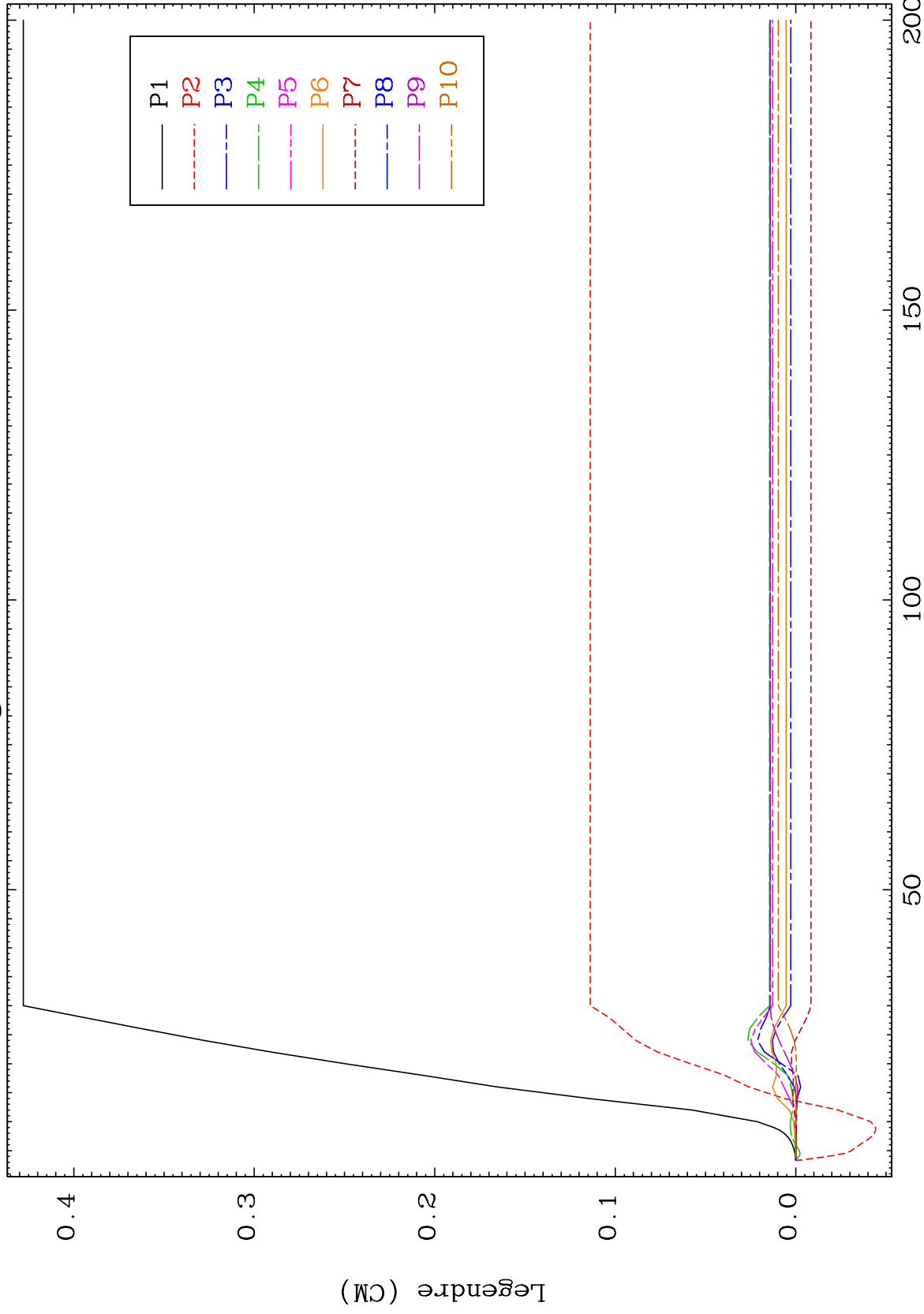


38 Incident Energy (MeV) 22-Ti-48

MAT 2231

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

22-Ti-48



39

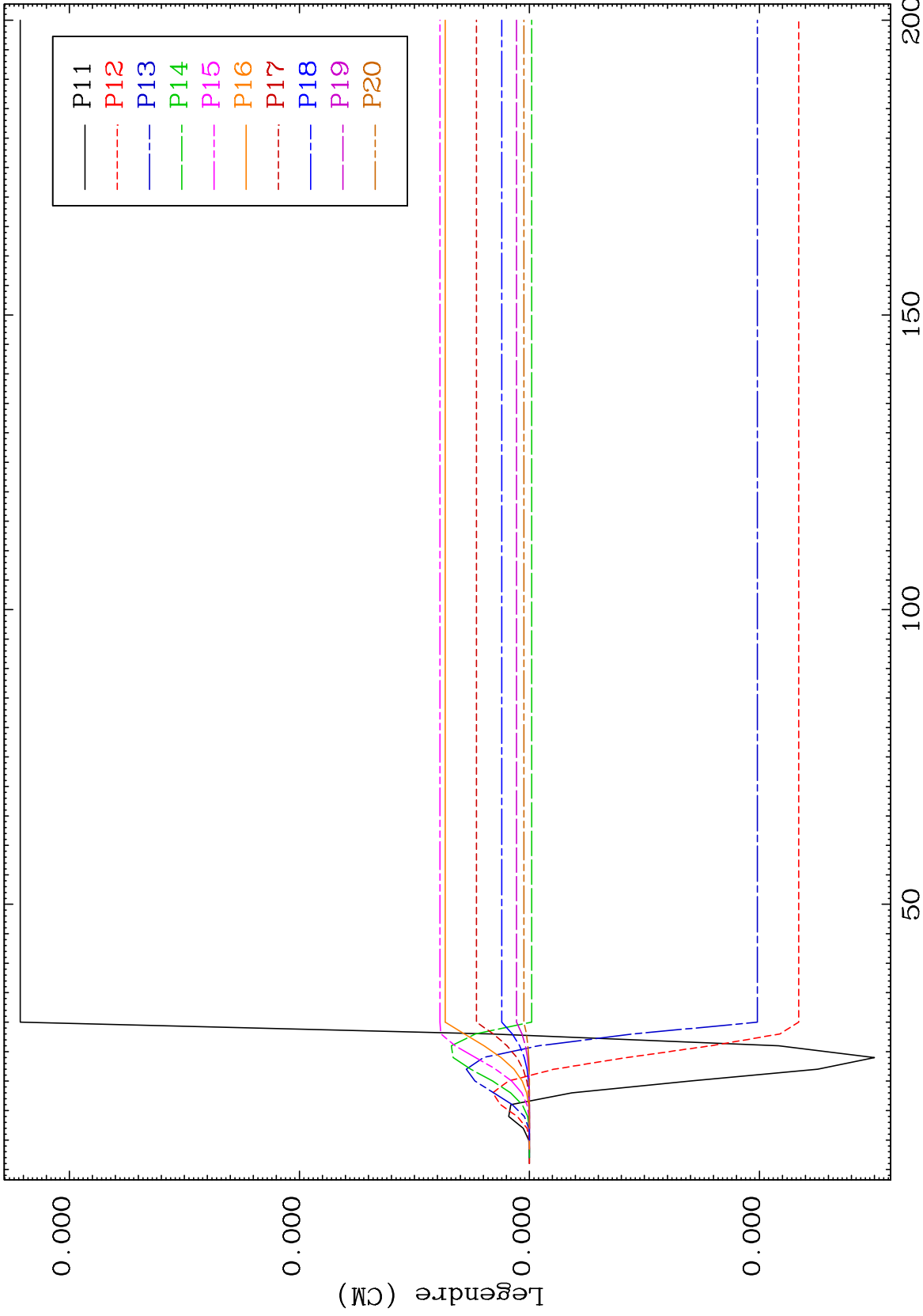
Incident Energy (MeV)

22-Ti-48

MAT 2231

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

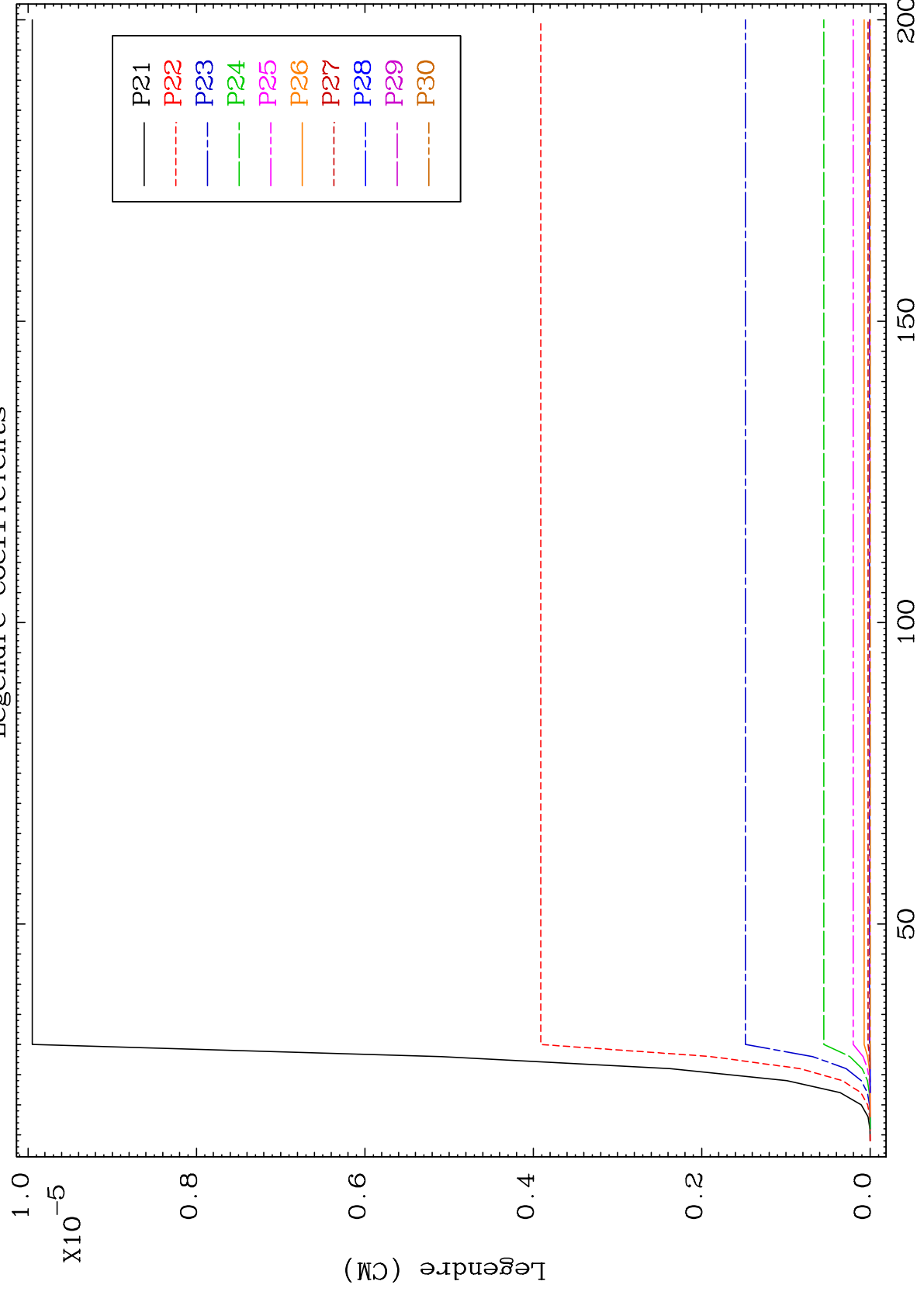
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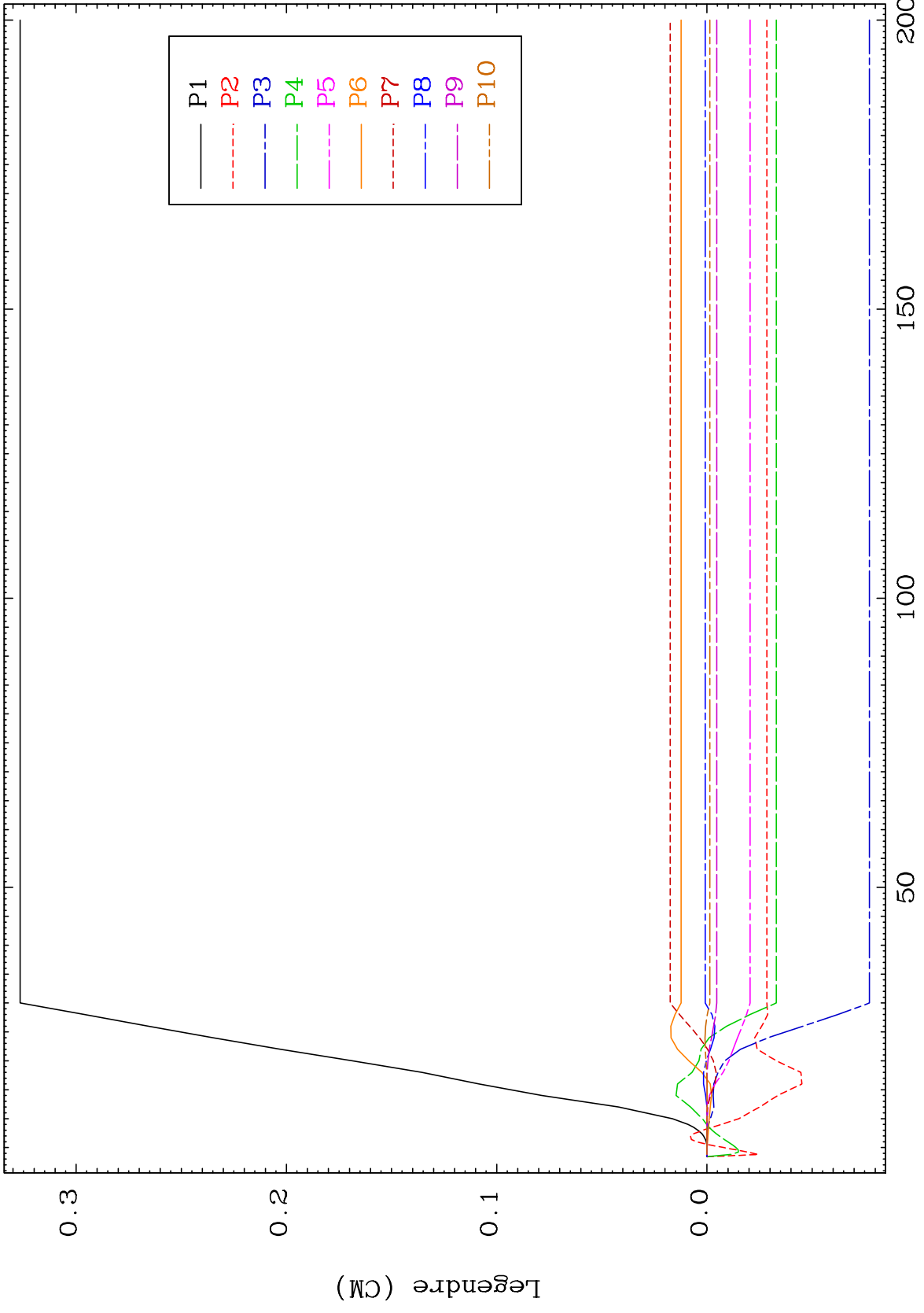
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Incident Energy (MeV)

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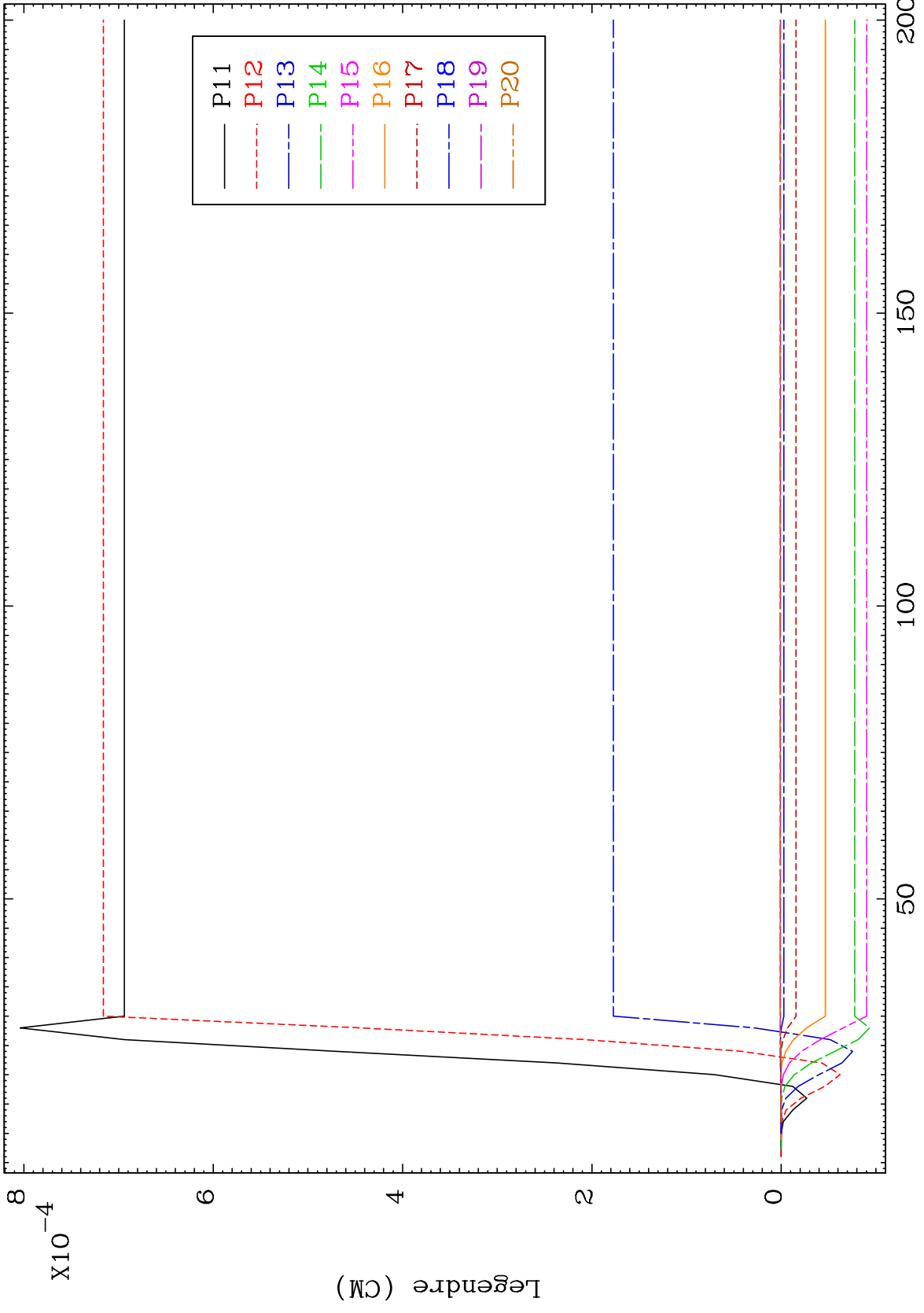


MAT 2231 MT= 59 (n,n') Level Legendre Coefficients 22-Ti-48

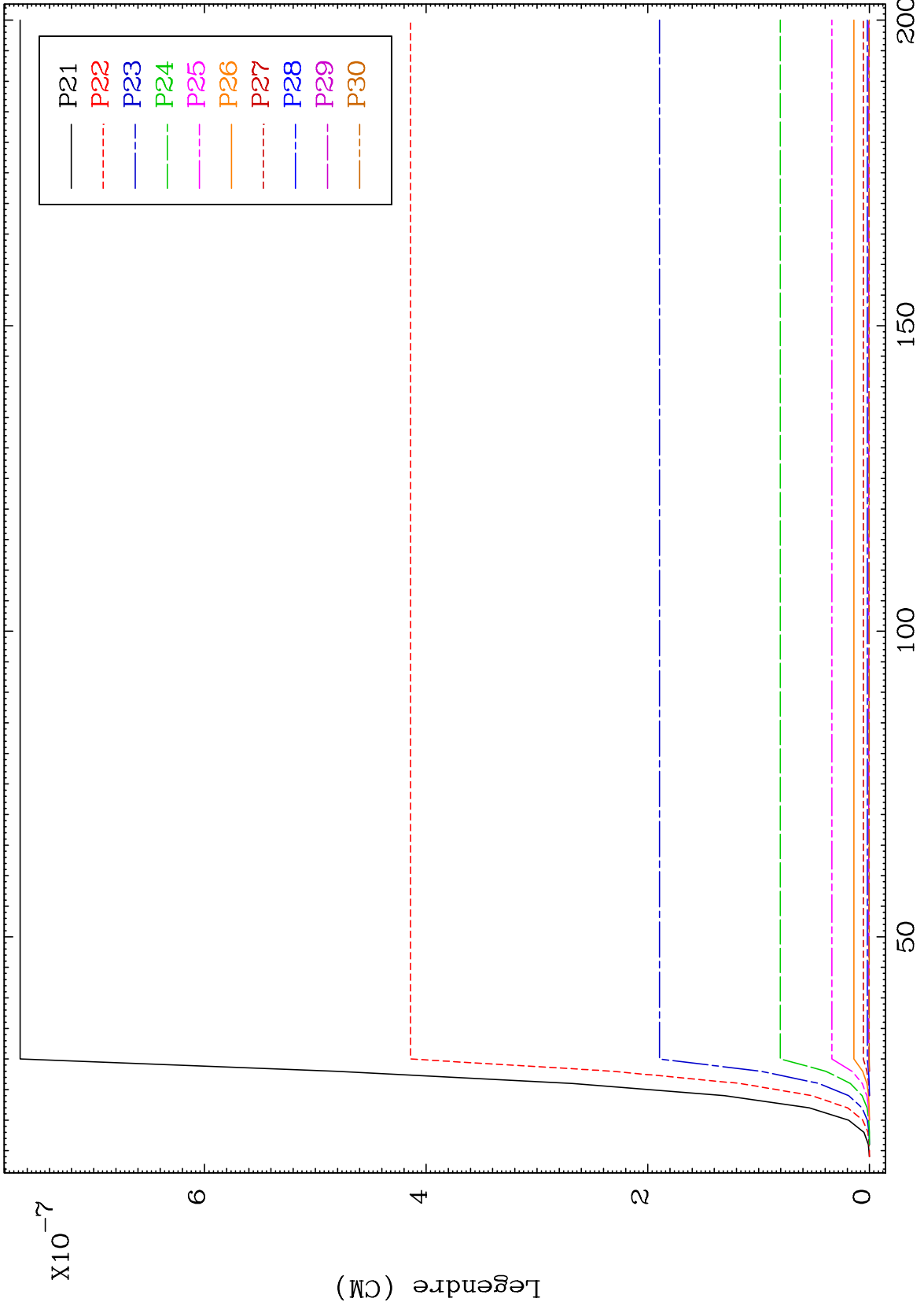


42 Incident Energy (MeV) 22-Ti-48

MAT 2231 MT= 59 (n,n') Level Legendre Coefficients 22-Ti-48



MAT 2231 MT= 59 (n,n') Level Legendre Coefficients 22-Ti-48

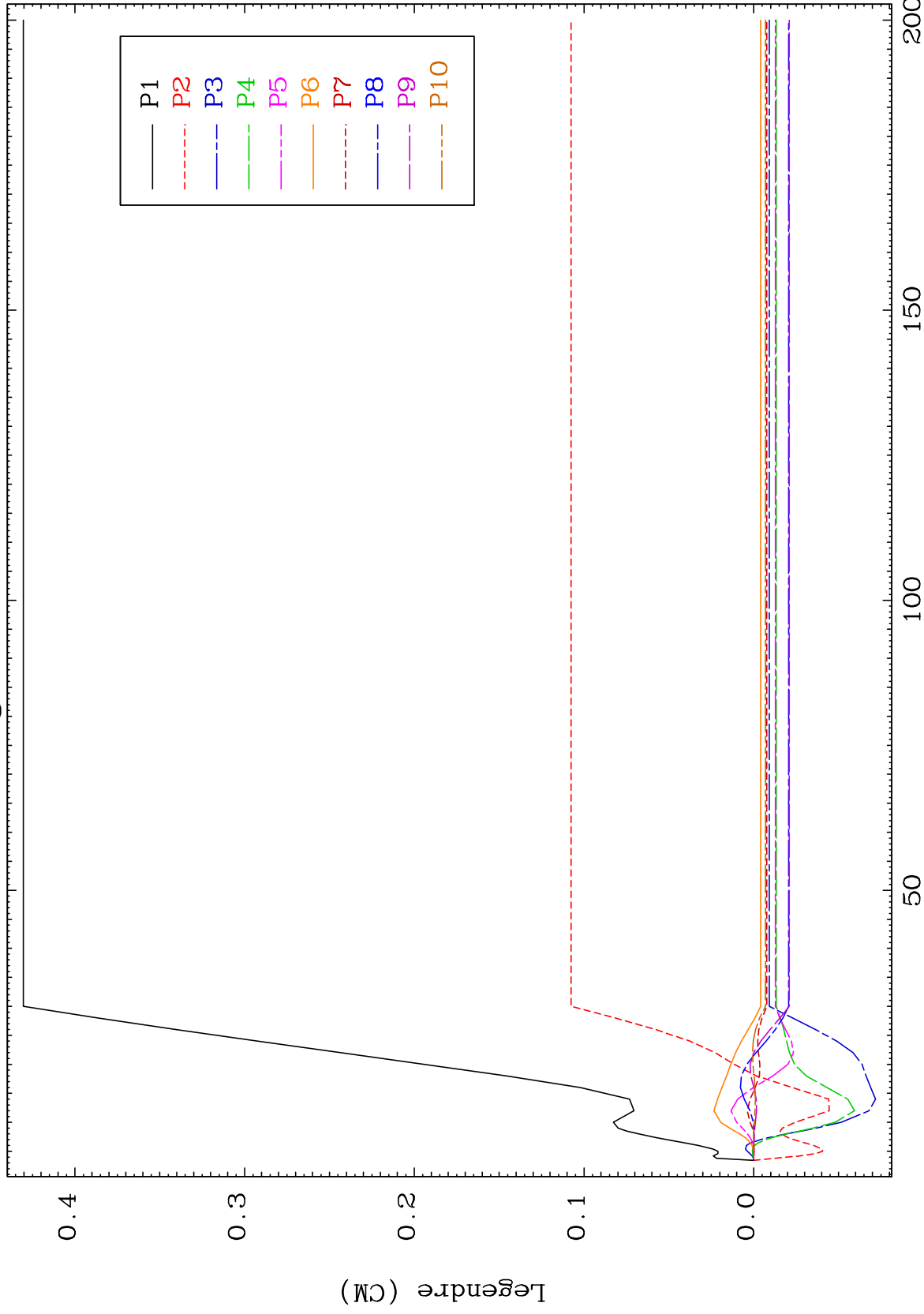


44 Incident Energy (MeV) 22-Ti-48

MAT 2231

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

22-Ti-48



45

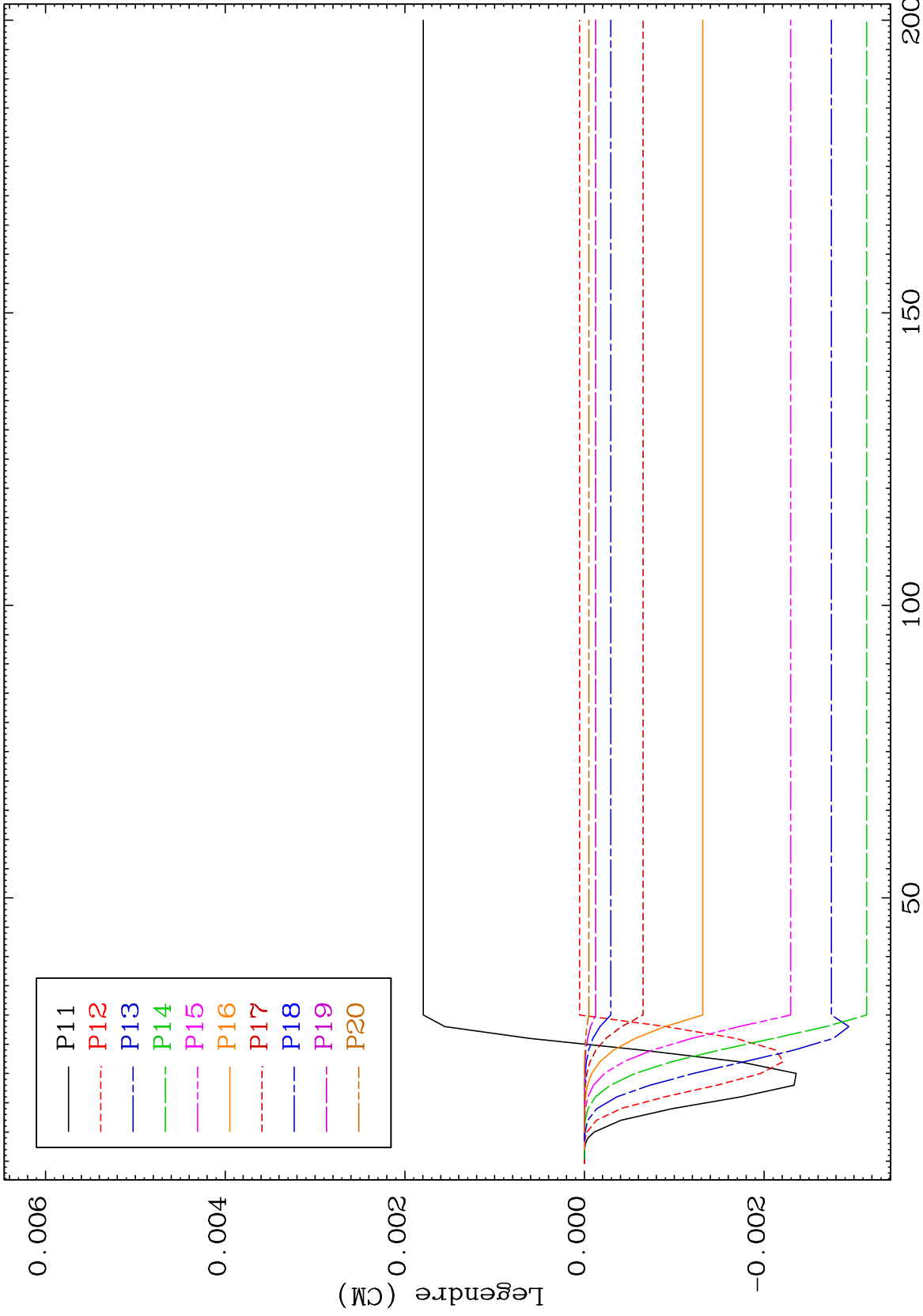
Incident Energy (MeV)

22-Ti-48

MAT 2231

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

22-Ti-48

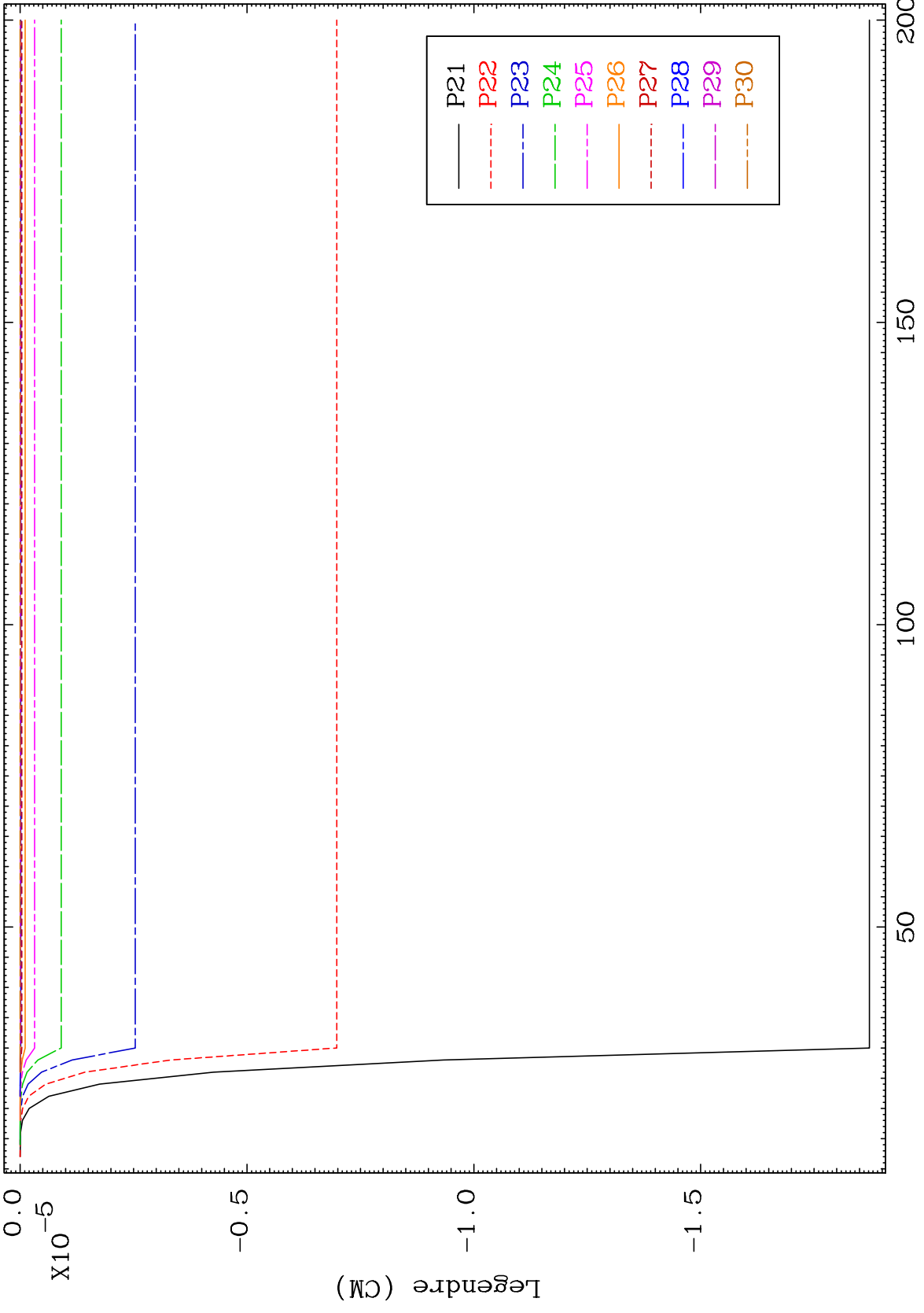


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Incident Energy (MeV)

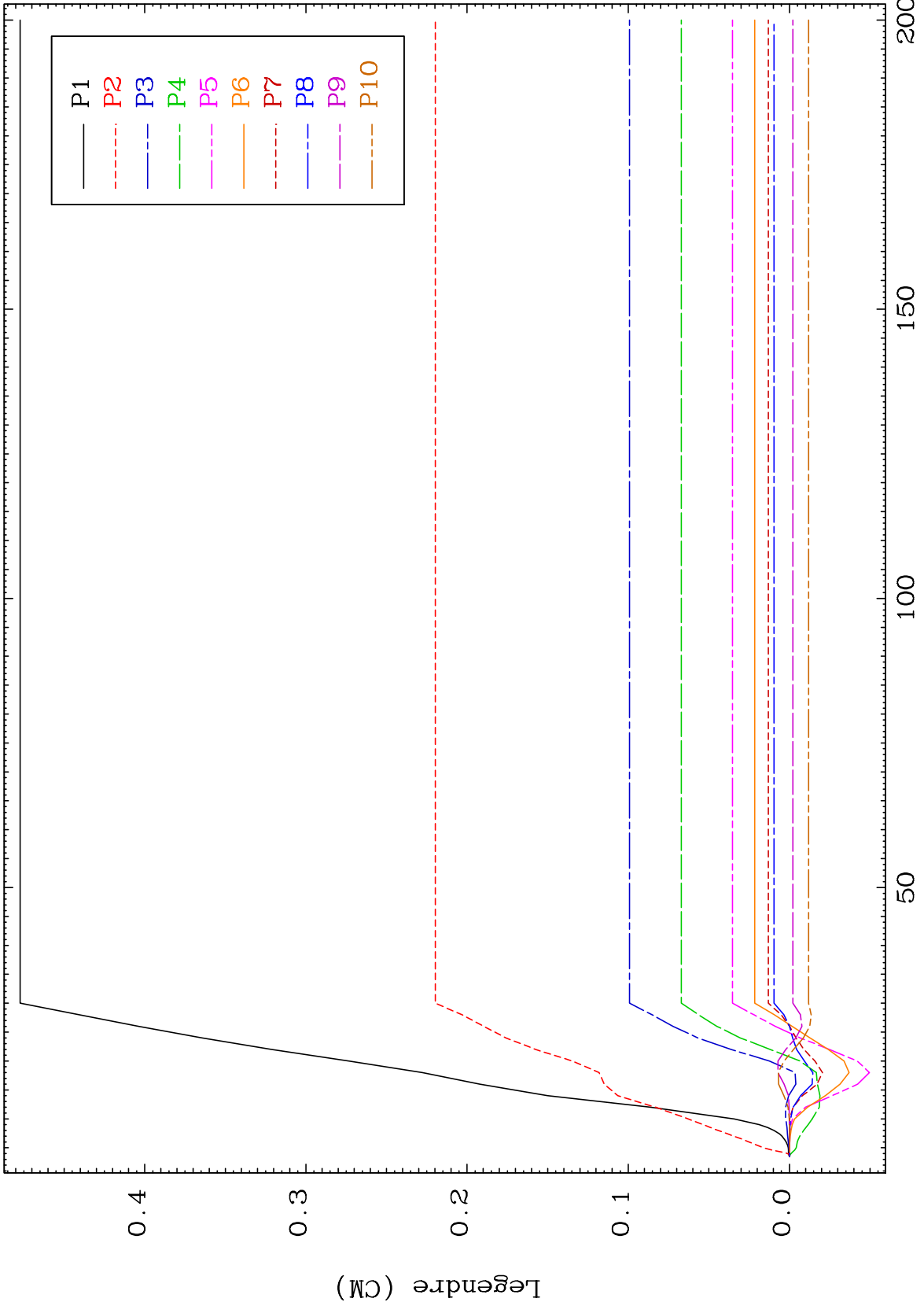
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MAT 2231 MT= 60 (n,n') Level Legendre Coefficients 22-Ti-48



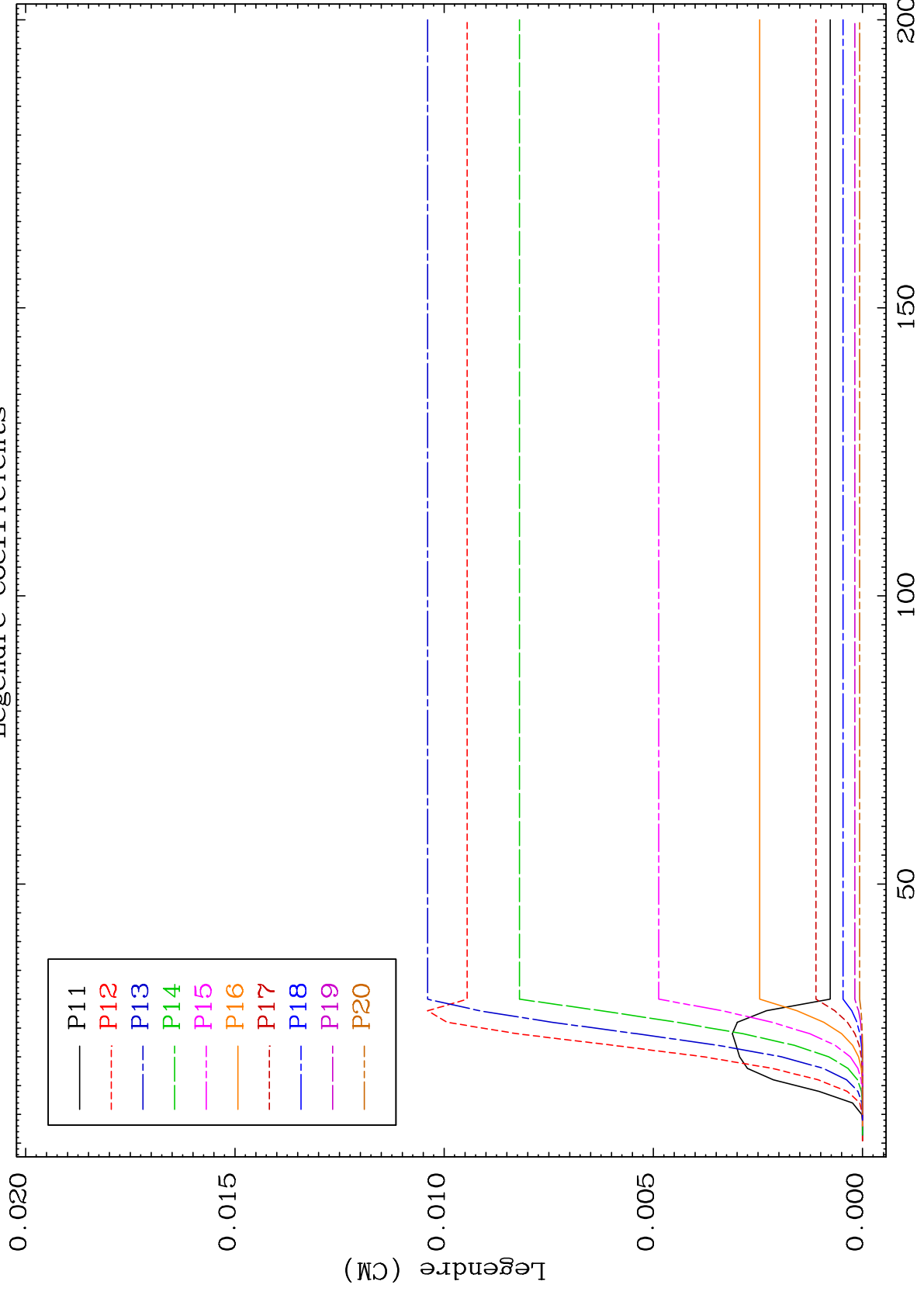
47 22-Ti-48

MAT 2231 MT= 61 (n,n') Level Legendre Coefficients 22-Ti-48

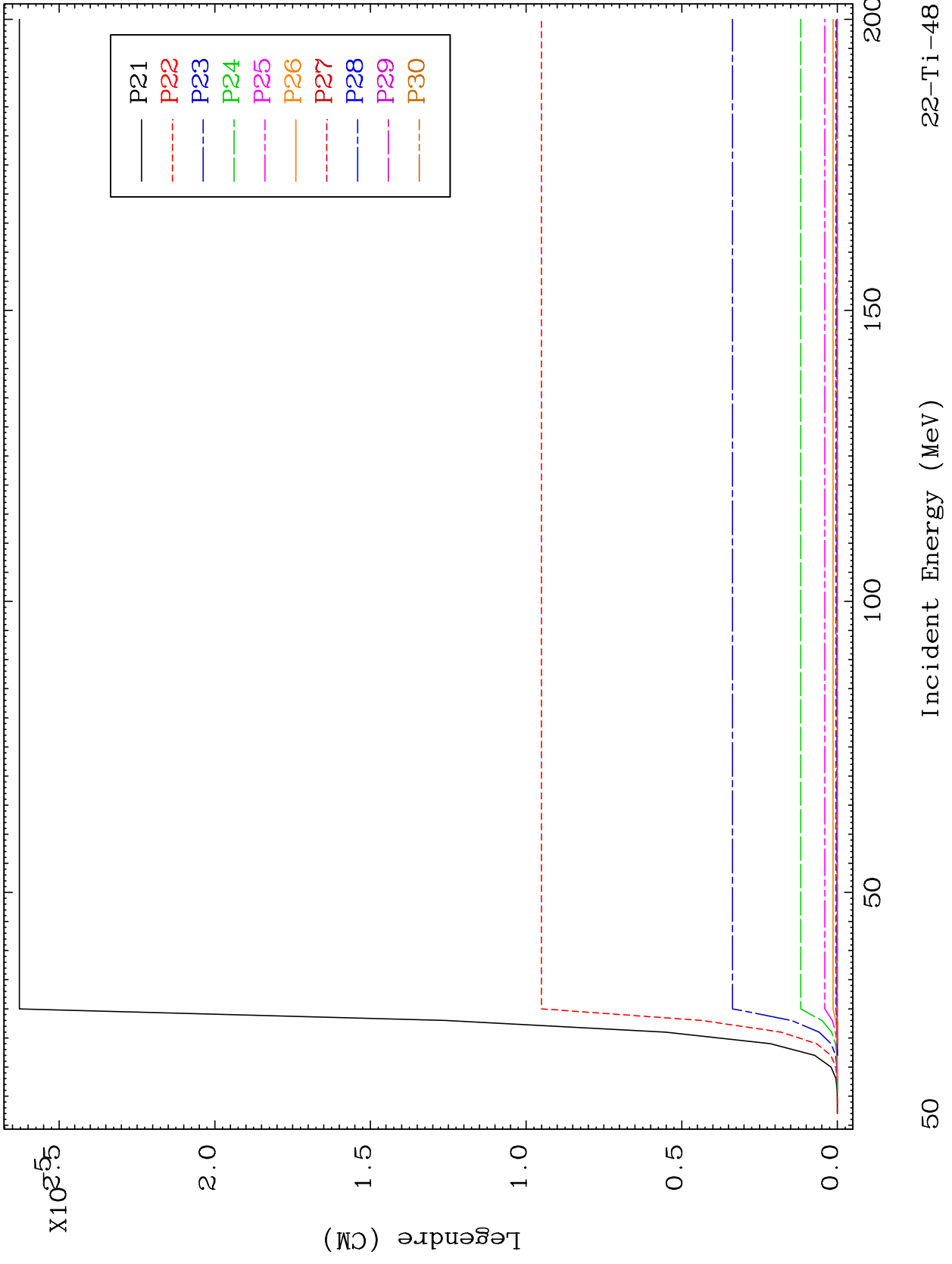


48 200 22-Ti-48

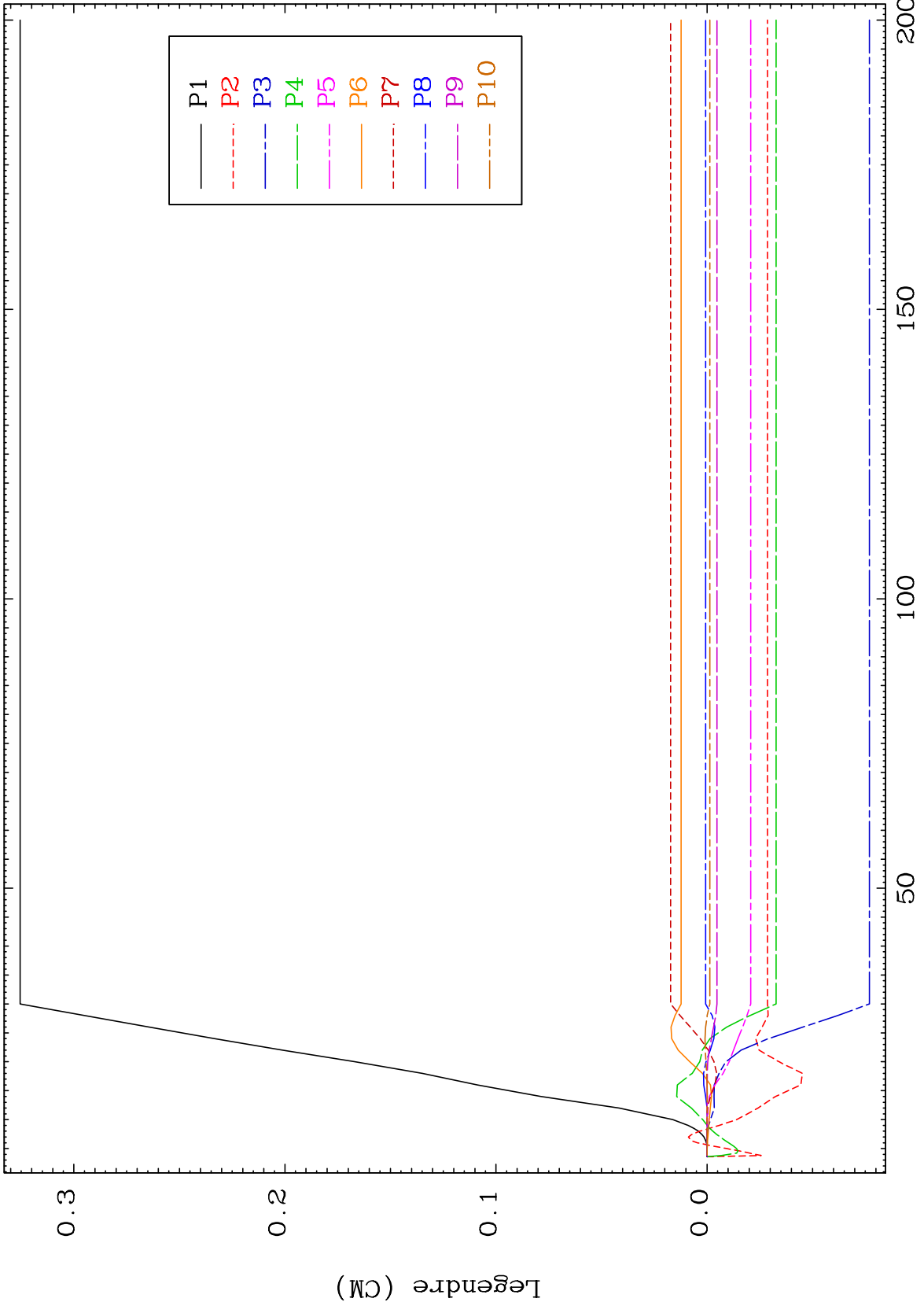
MAT 2231 MT= 61 (n,n') Level Legendre Coefficients 22-Ti-48



MAT 2231 MT= 61 (n,n') Level Legendre Coefficients 22-Ti-48

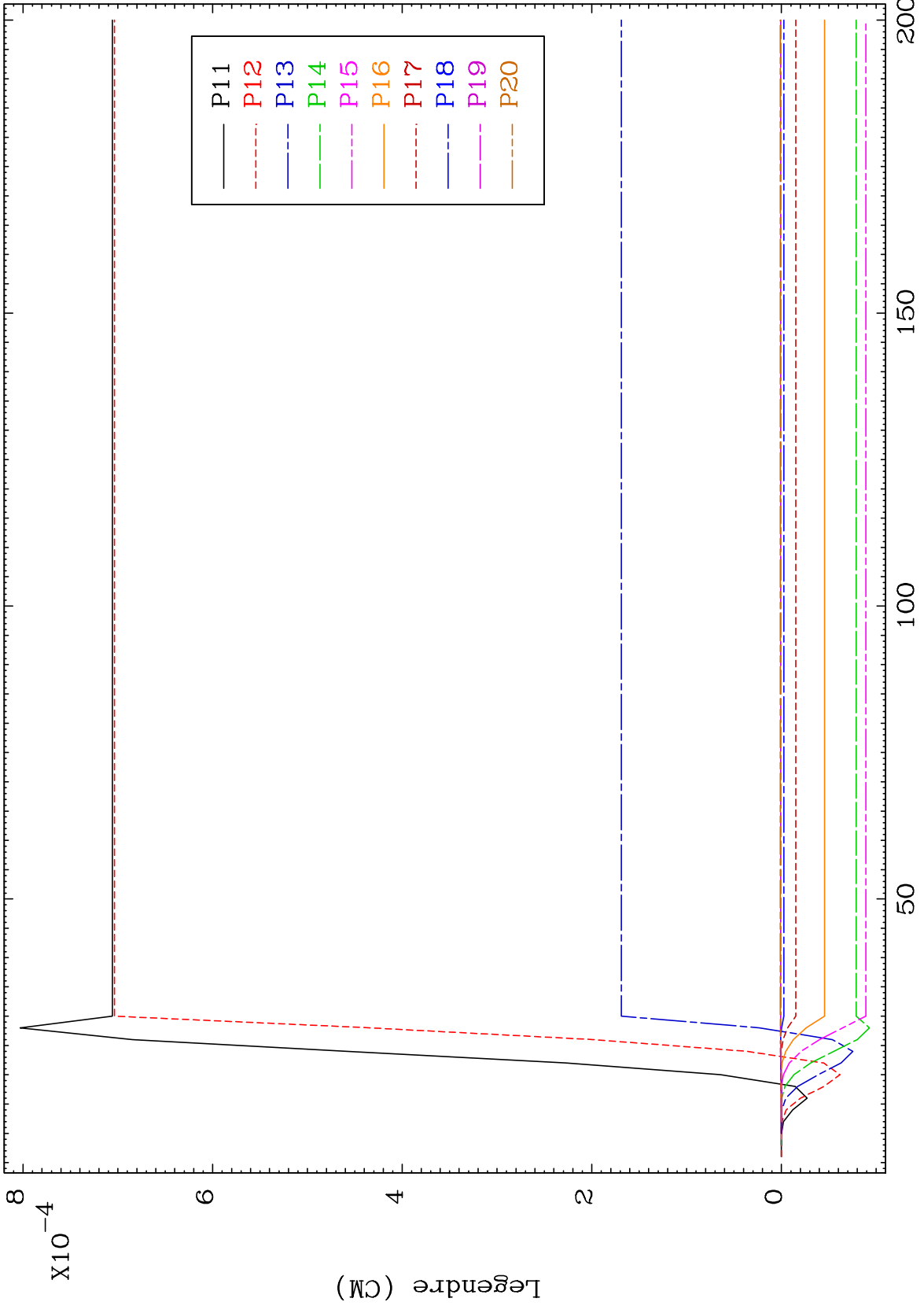


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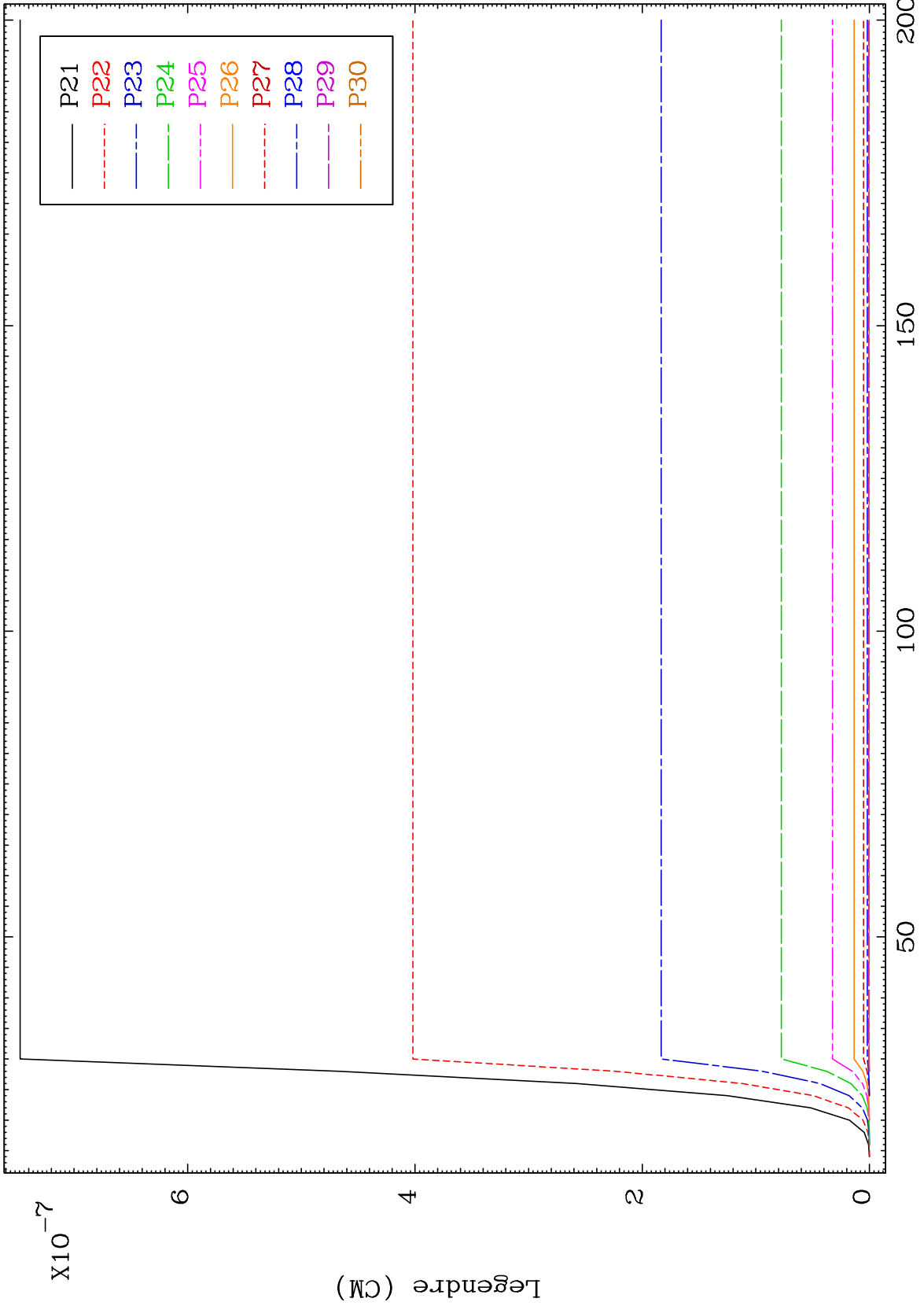


51 22-Ti-48

MAT 2231 MT= 62 (n,n') Level Legendre Coefficients 22-Ti-48

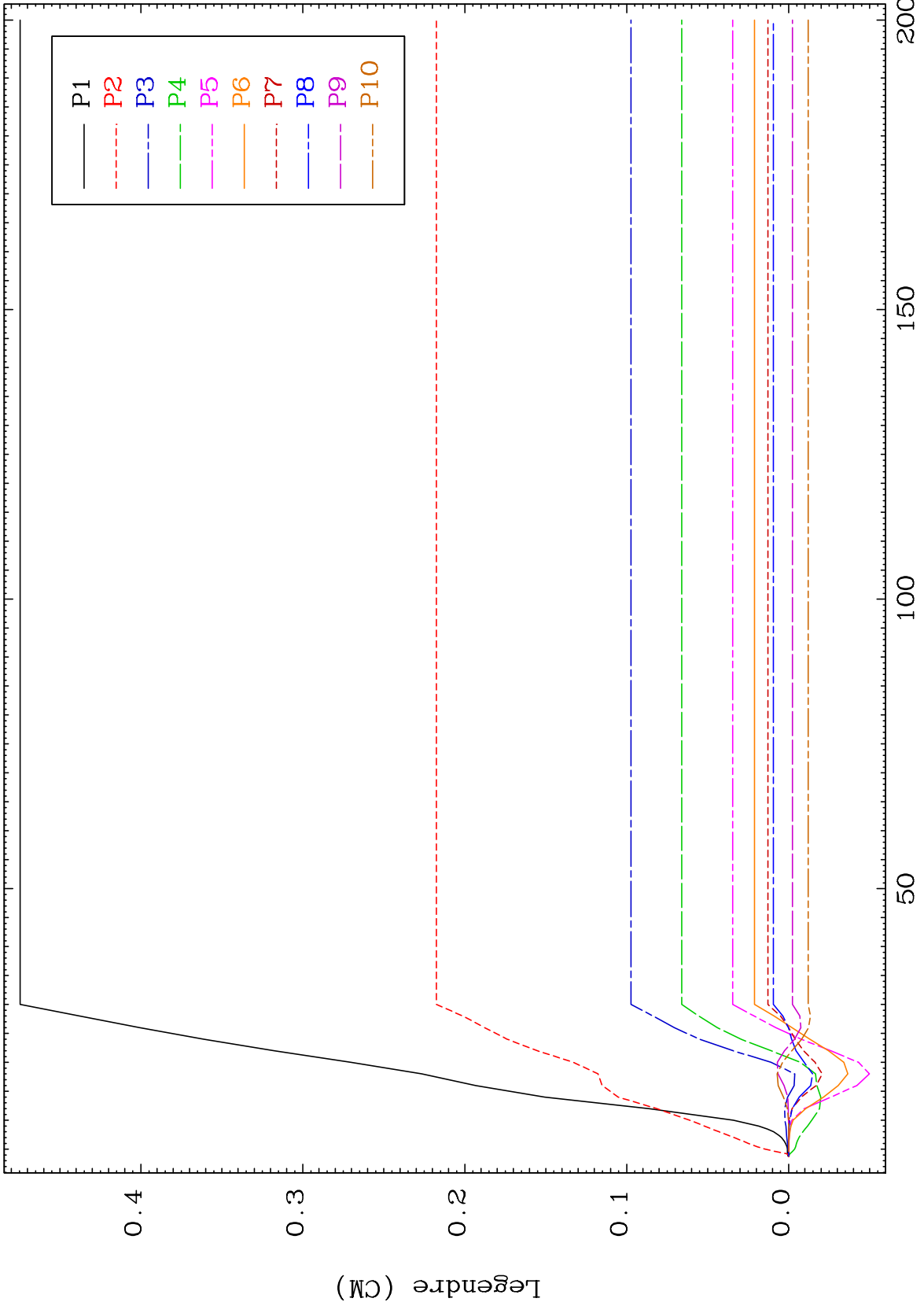


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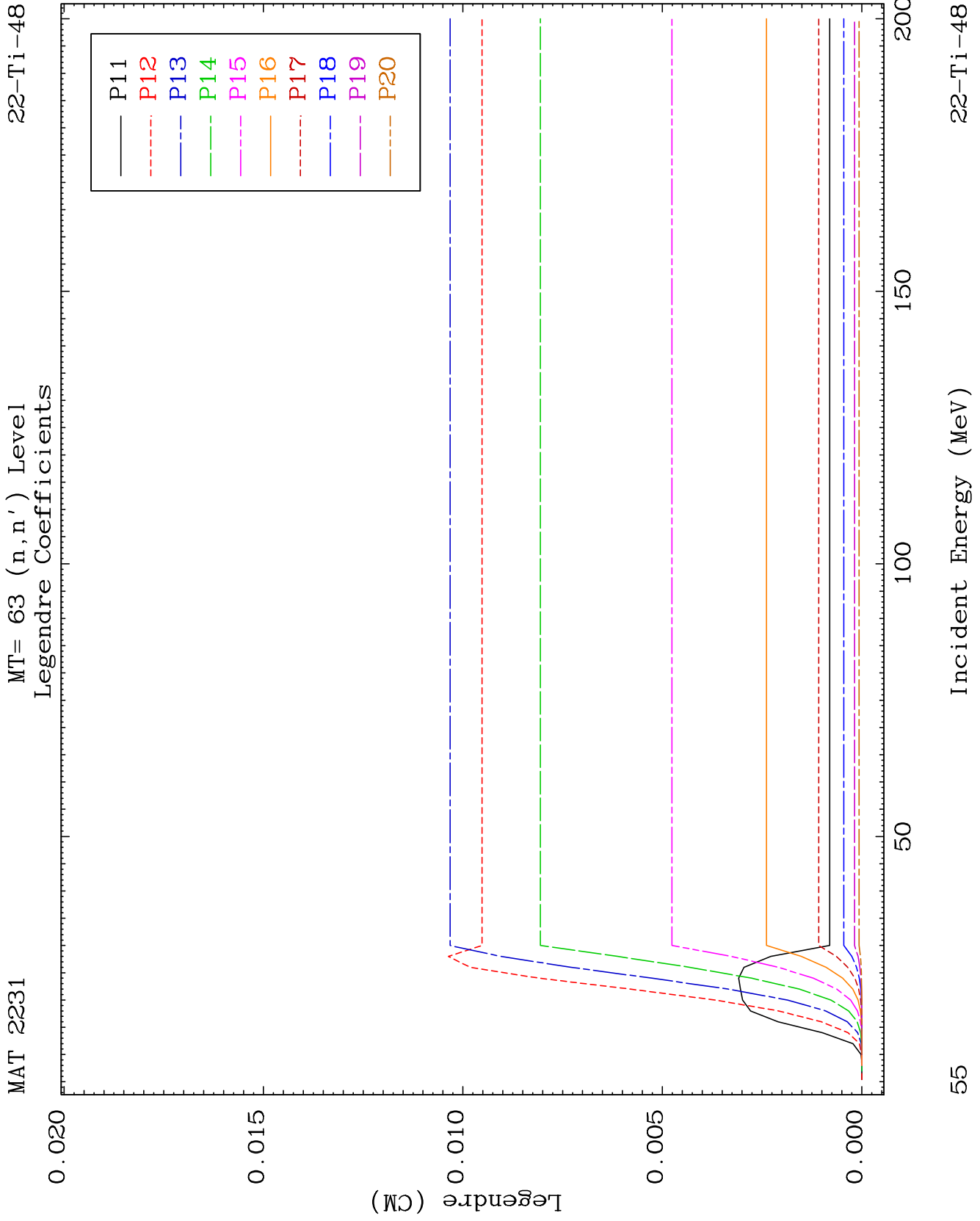


53 Incident Energy (MeV) 200 22-Ti-48

MAT 2231 MT= 63 (n,n') Level Legendre Coefficients 22-Ti-48



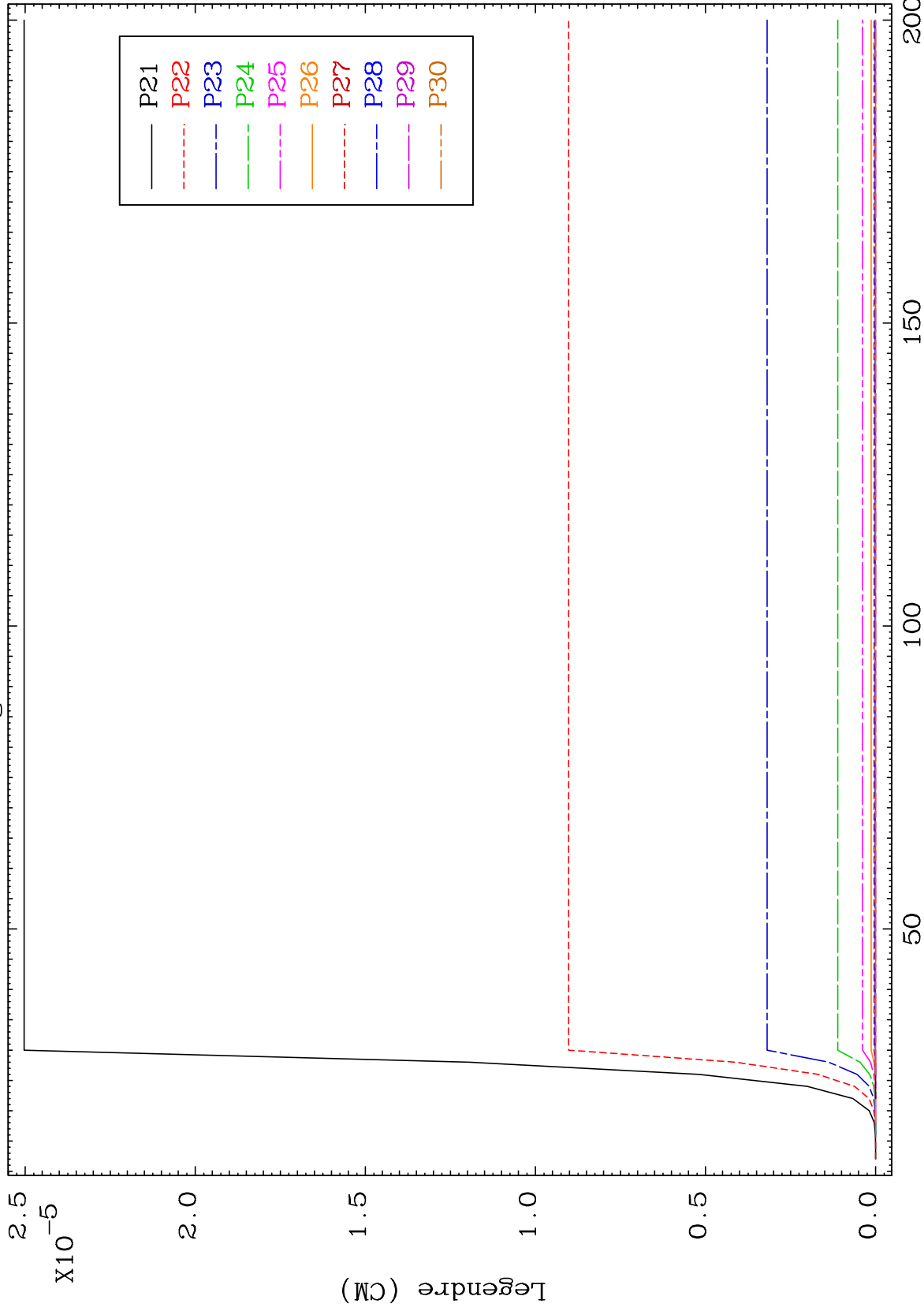
54 Incident Energy (MeV) 22-Ti-48



MAT 2231

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

22-Ti-48

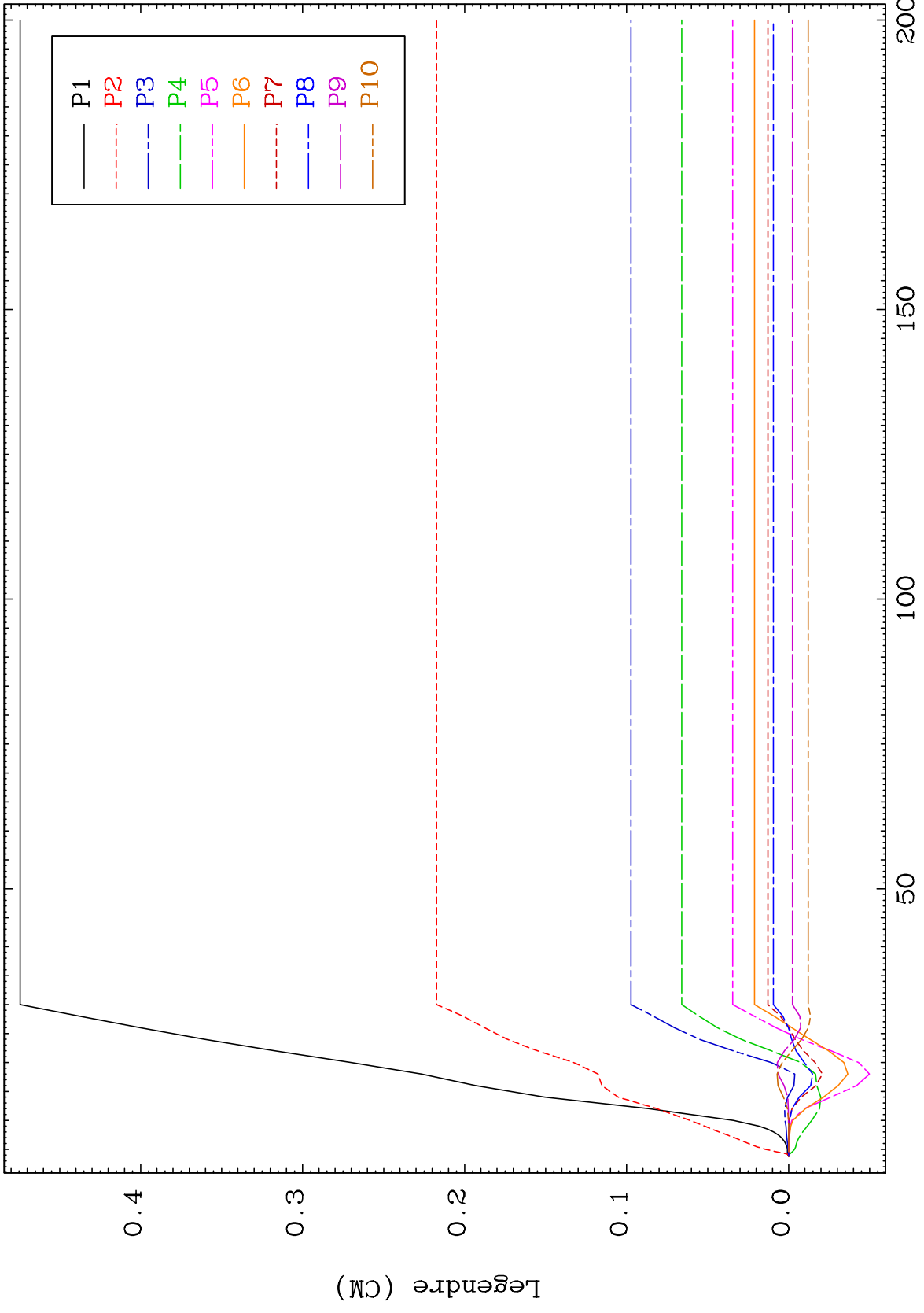


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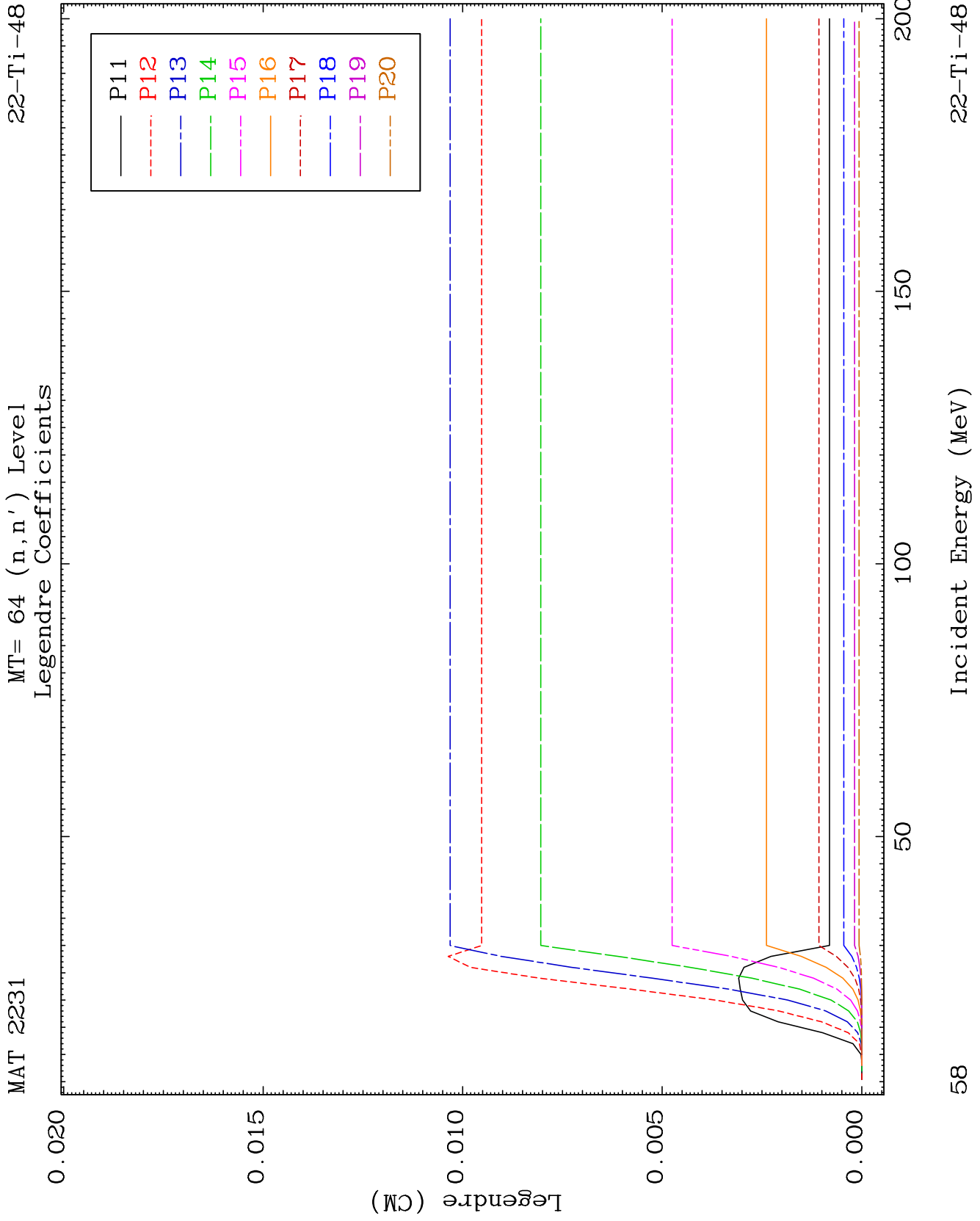
Incident Energy (MeV)

22-Ti-48

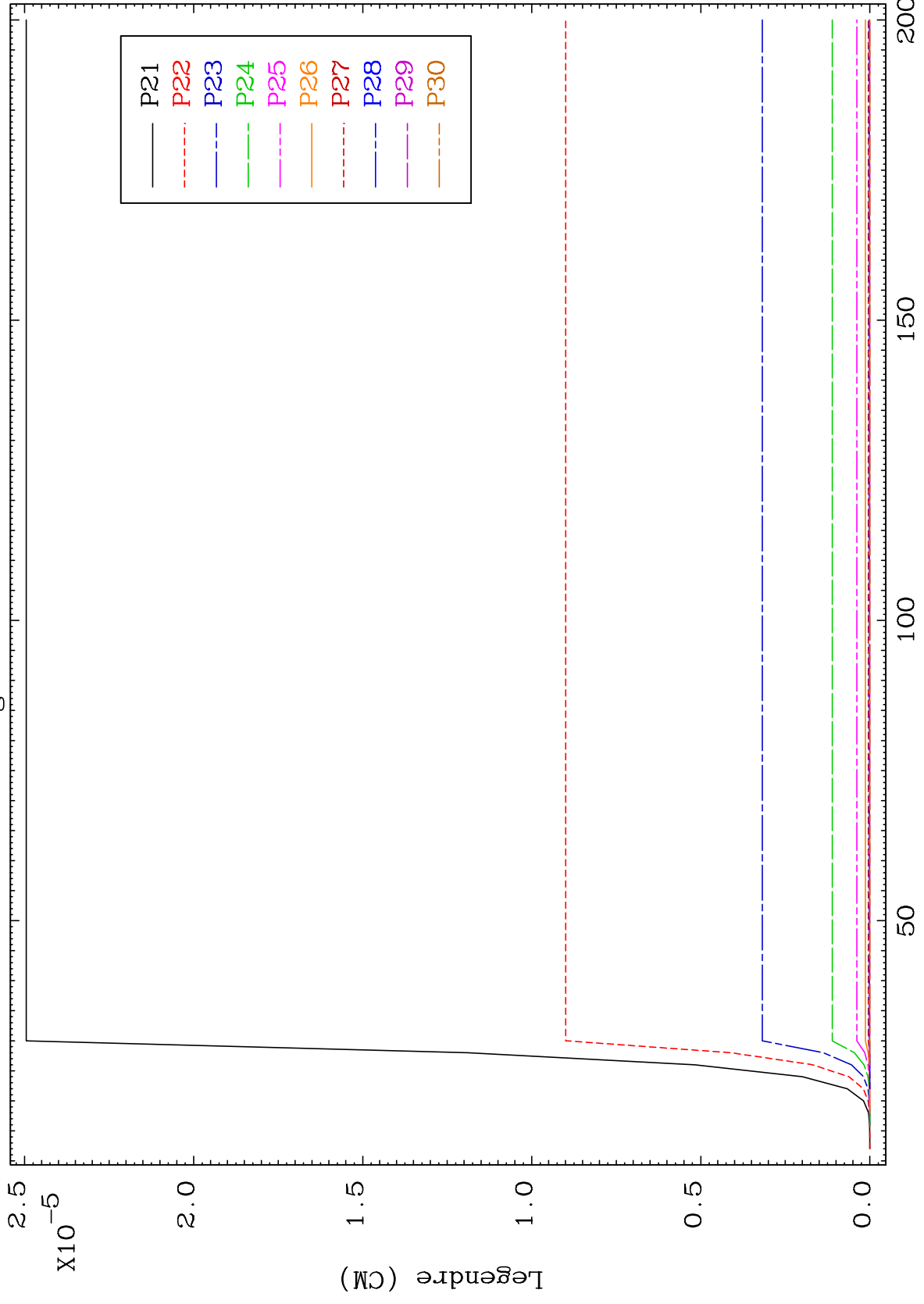
MAT 2231 MT= 64 (n,n') Level Legendre Coefficients 22-Ti-48



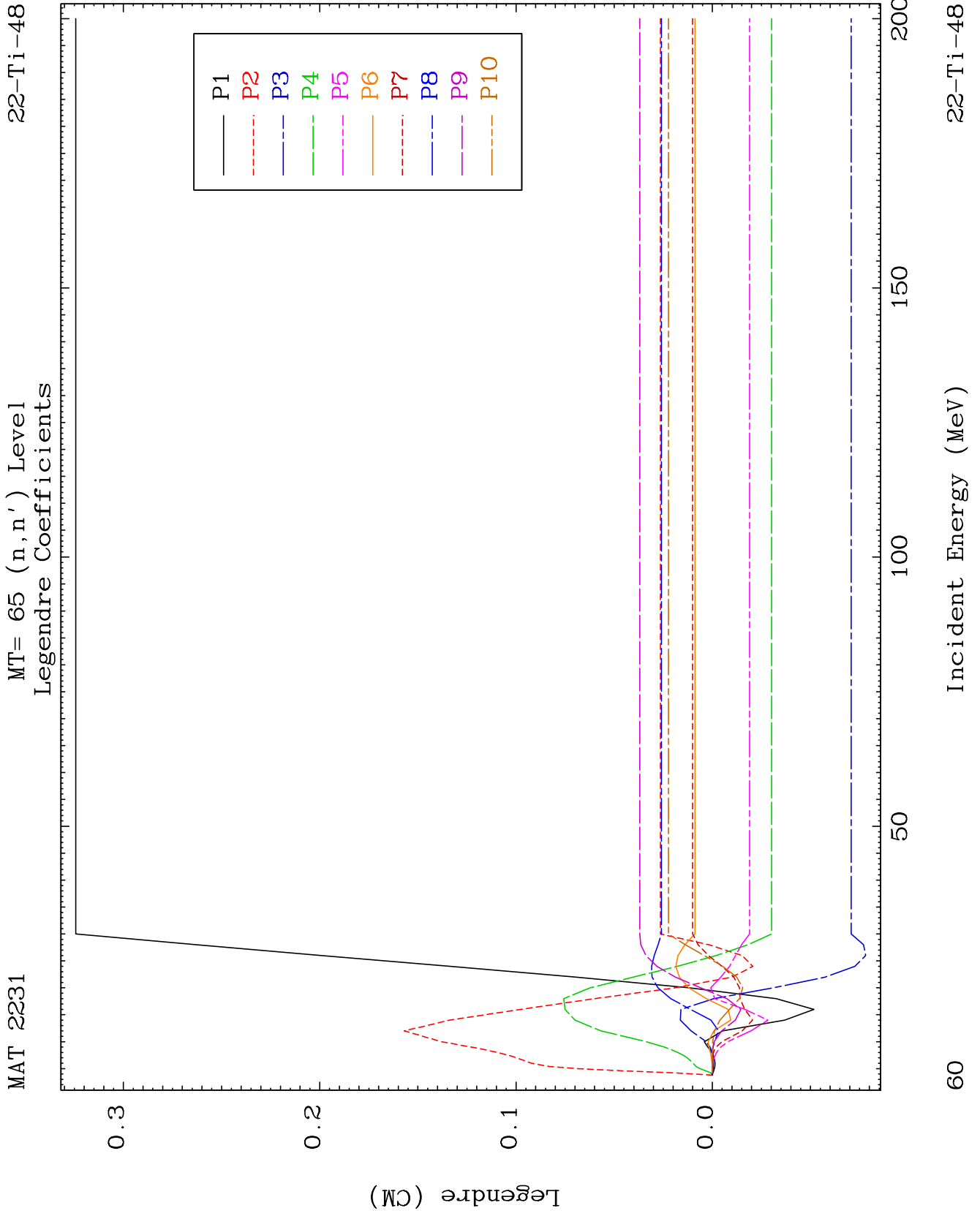
57 Incident Energy (MeV) 22-Ti-48



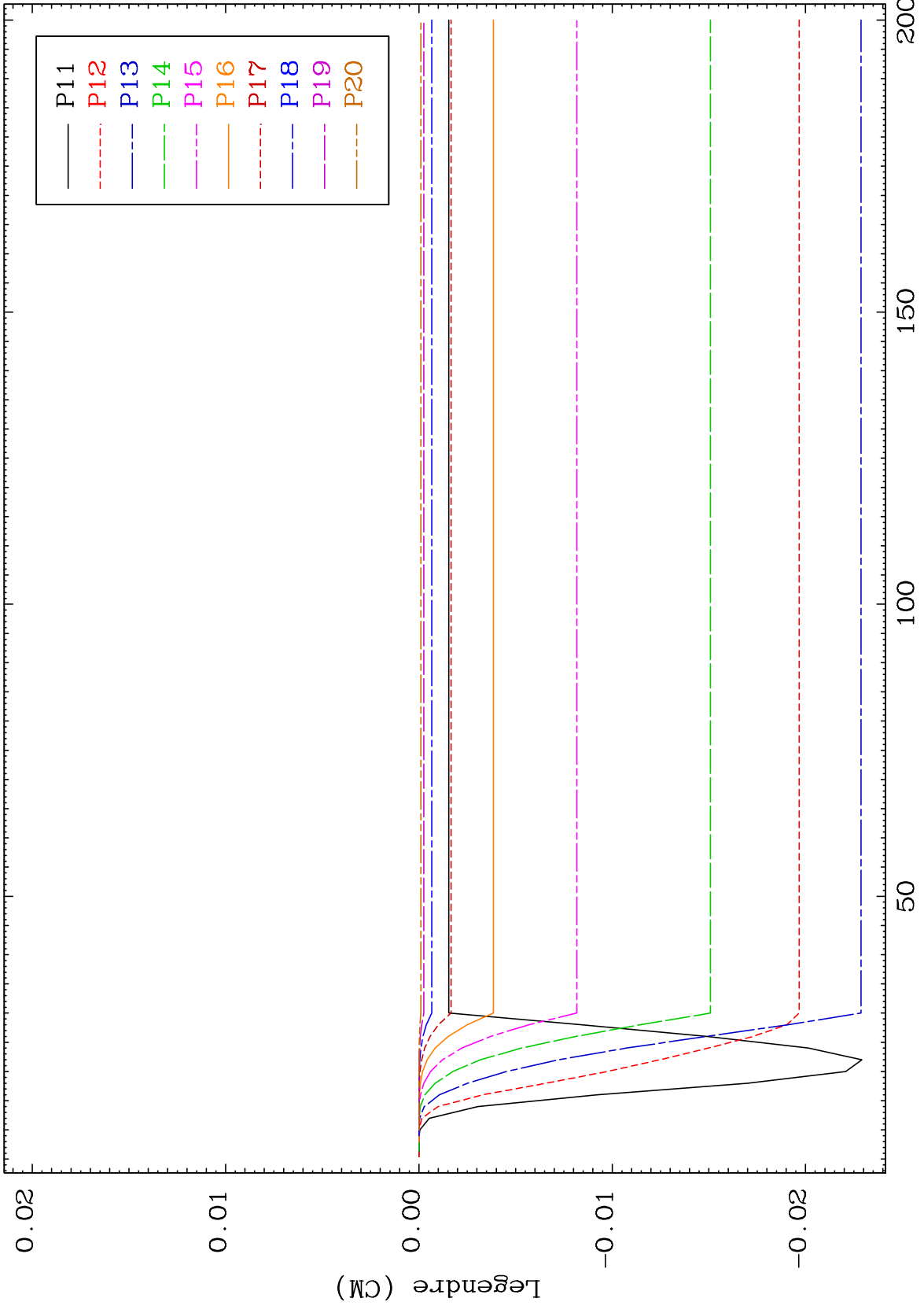
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59 200 22-Ti-48



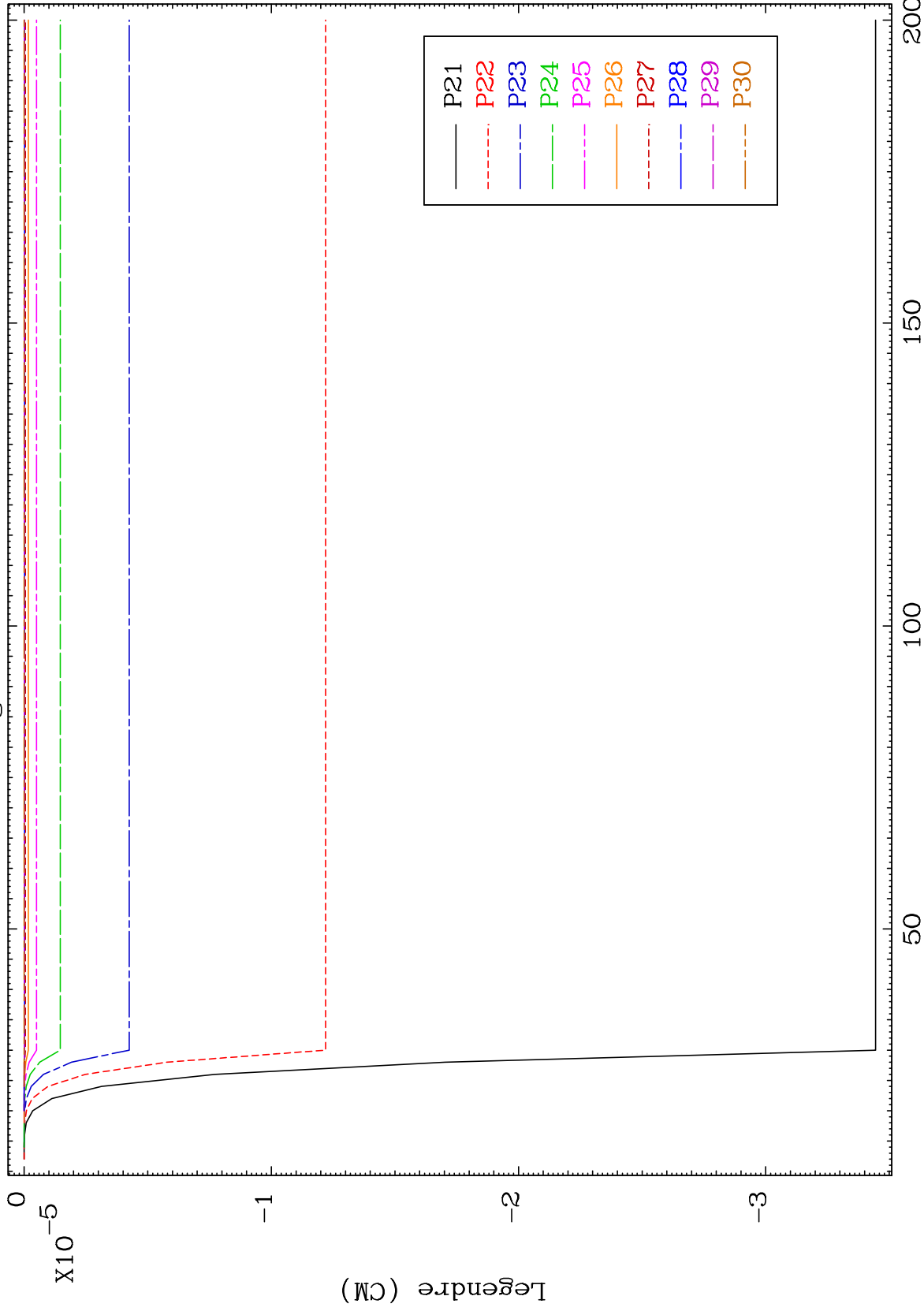
MAT 2231 MT= 65 (n,n') Level Legendre Coefficients 22-Ti-48



MAT 2231

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

22-Ti-48



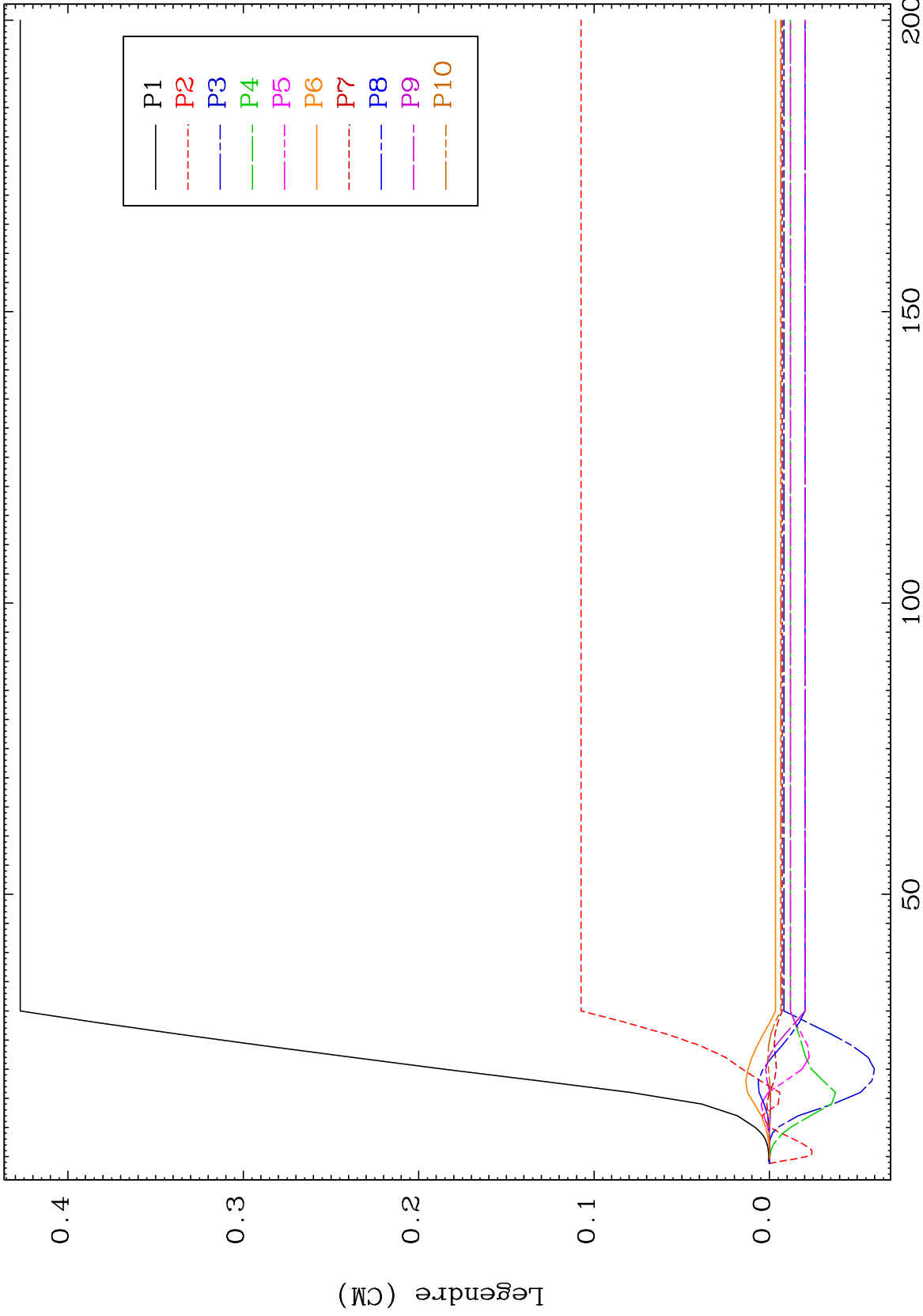
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22-Ti-48

MAT 2231

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

22-Ti-48



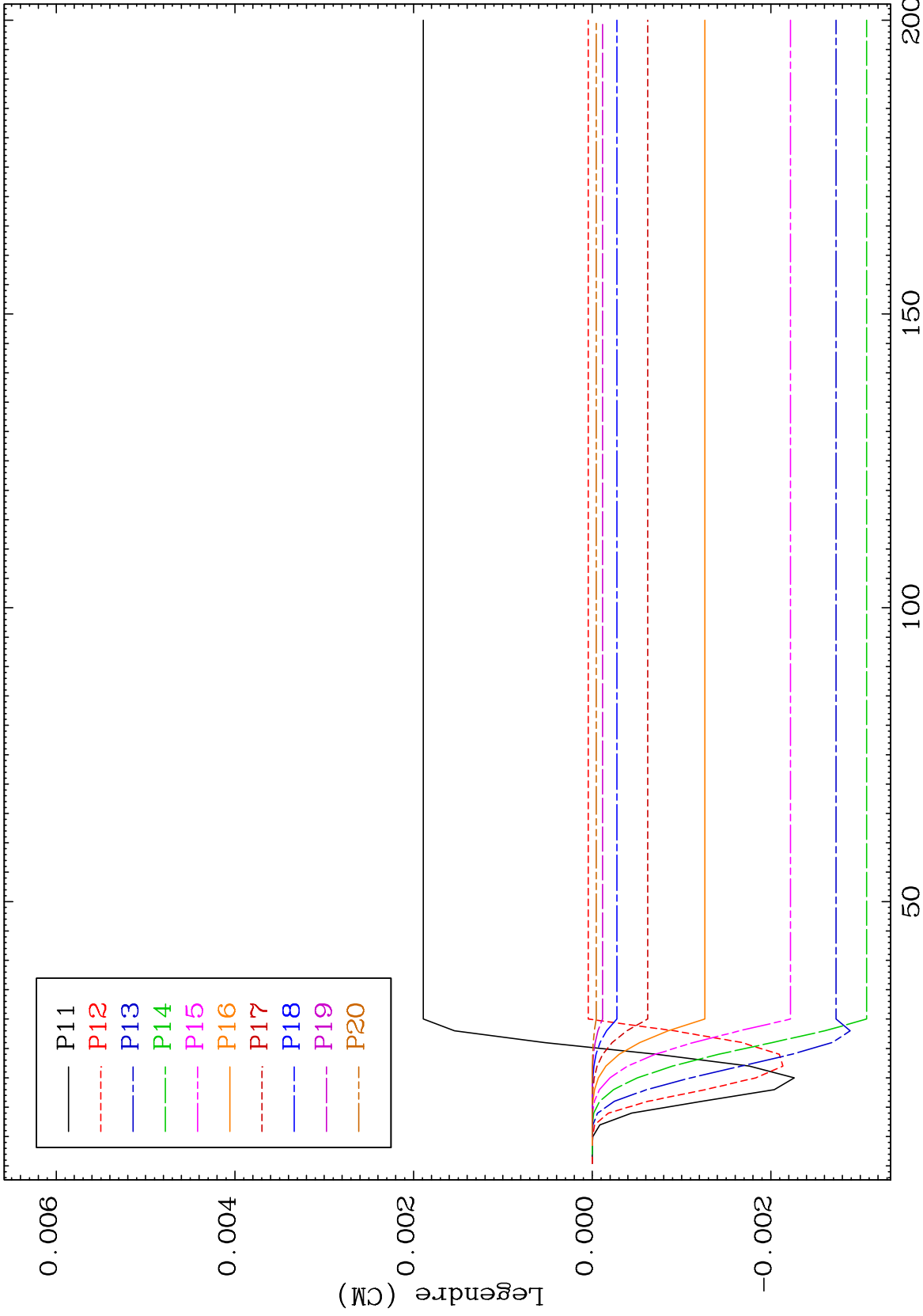
63

22-Ti-48

MAT 2231

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

22-Ti-48



64

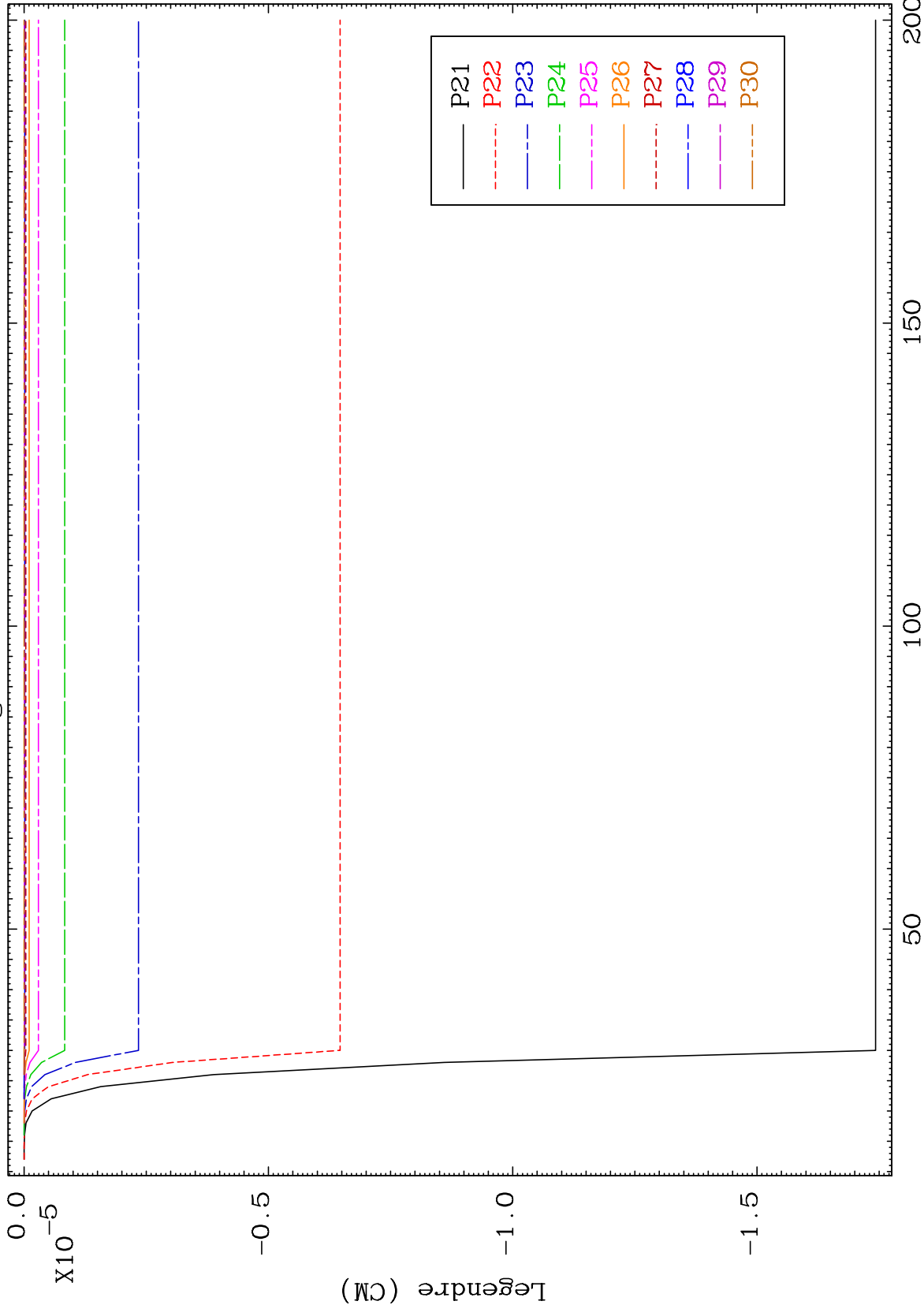
Incident Energy (MeV)

22-Ti-48

MAT 2231

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

22-Ti-48

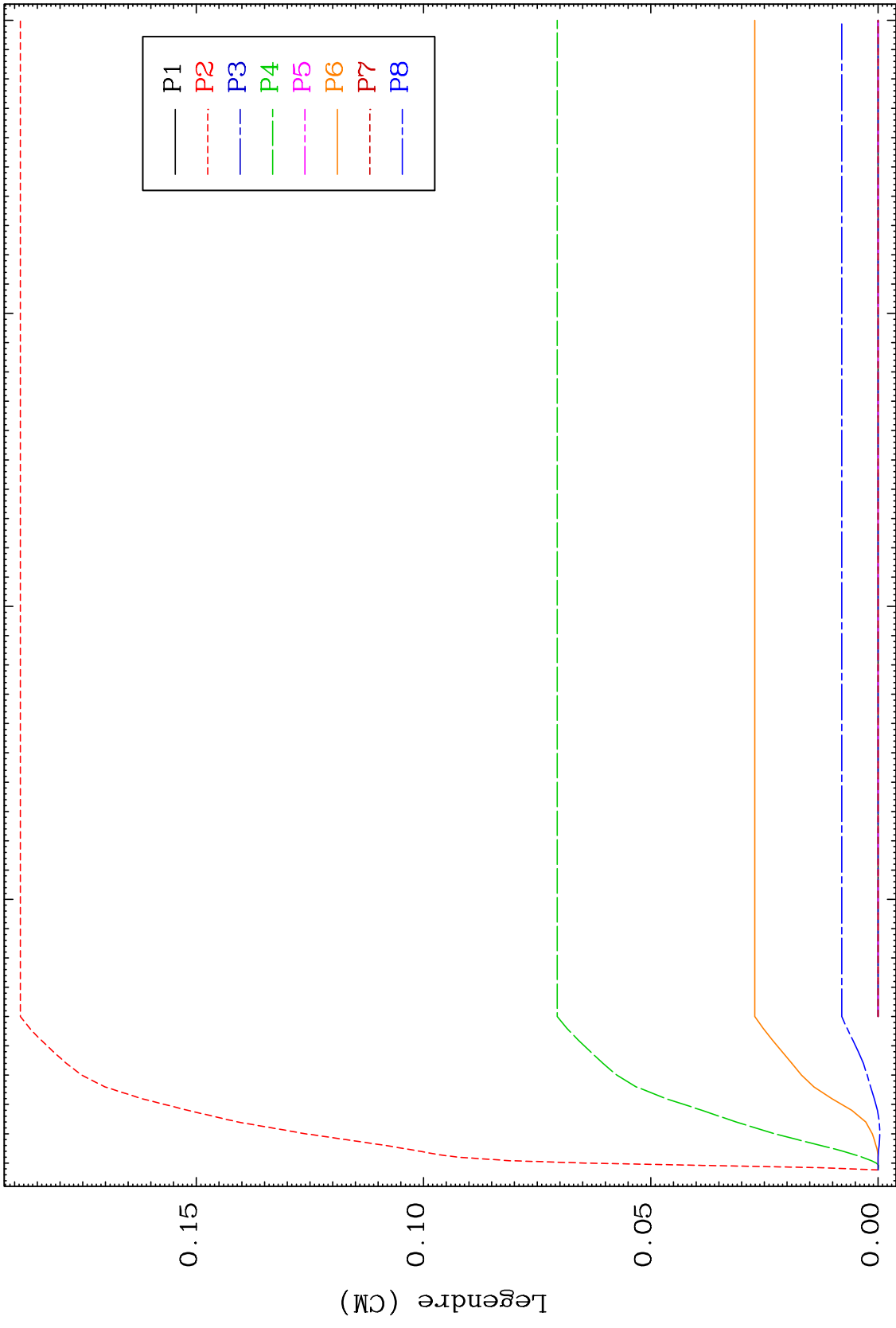


65

Incident Energy (MeV)

22-Ti-48

MAT 2231 MT= 67 (n,n') Level Legendre Coefficients 22-Ti-48

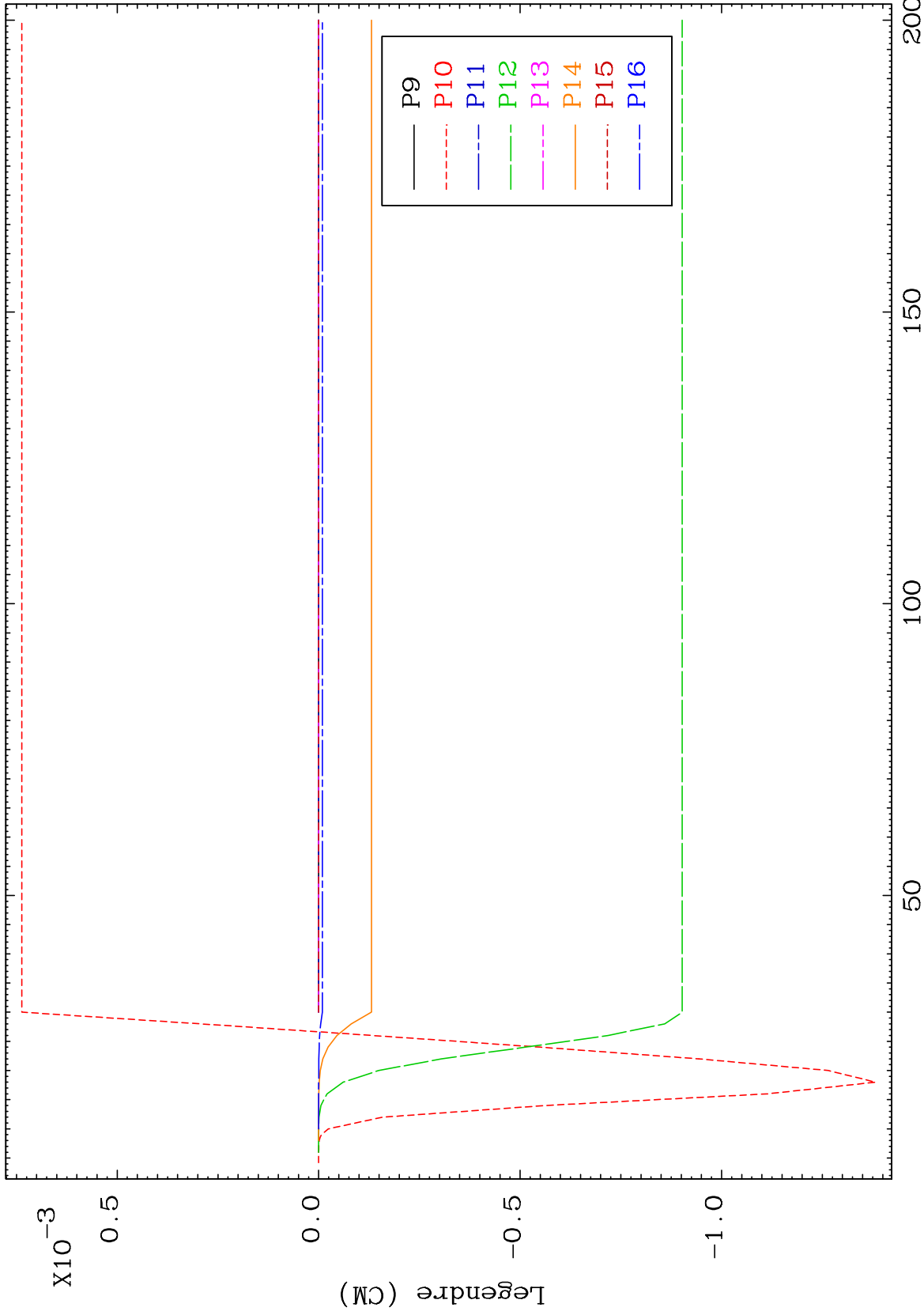


66 Incident Energy (MeV) 22-Ti-48

MAT 2231

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

22-Ti-48

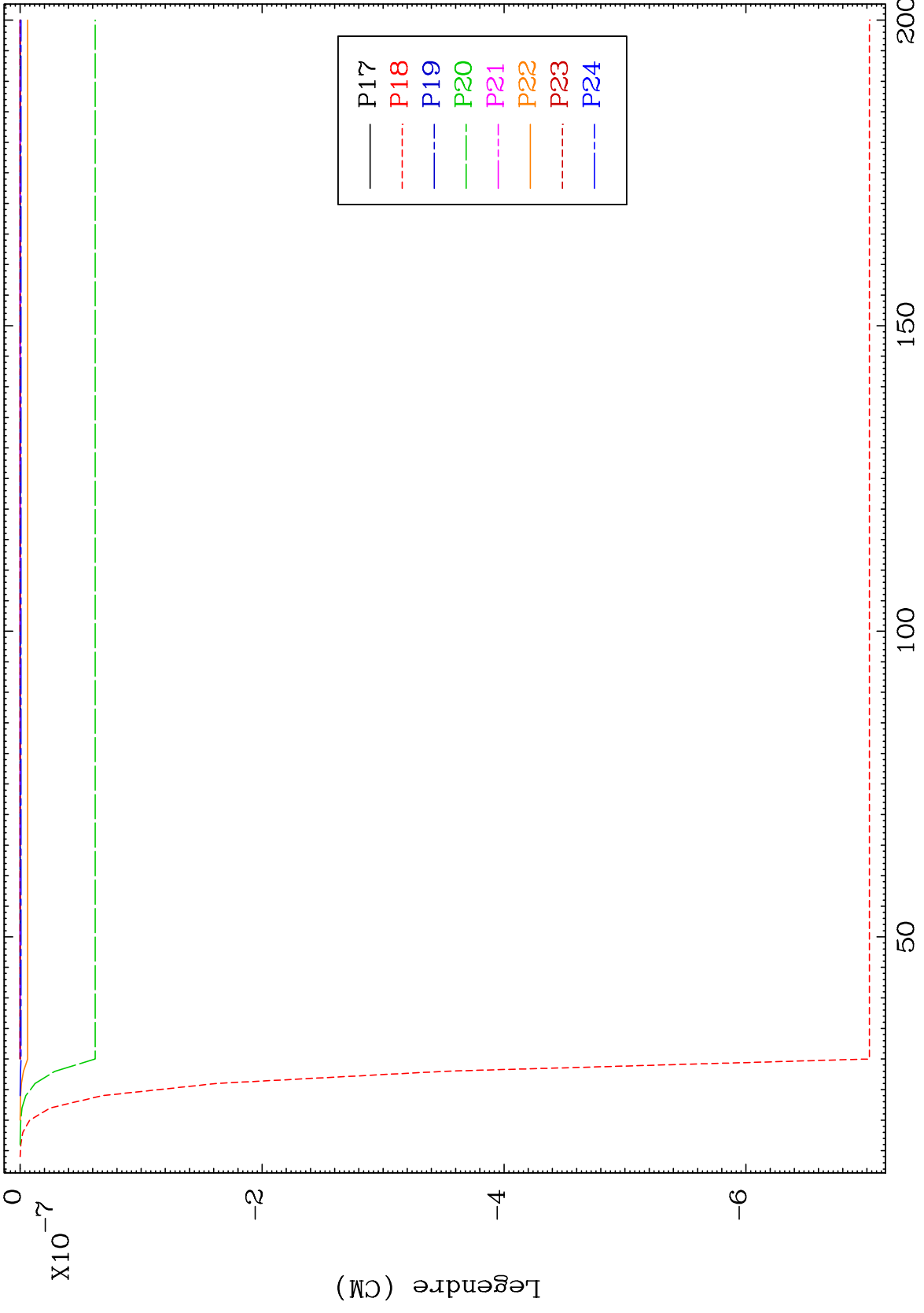


67

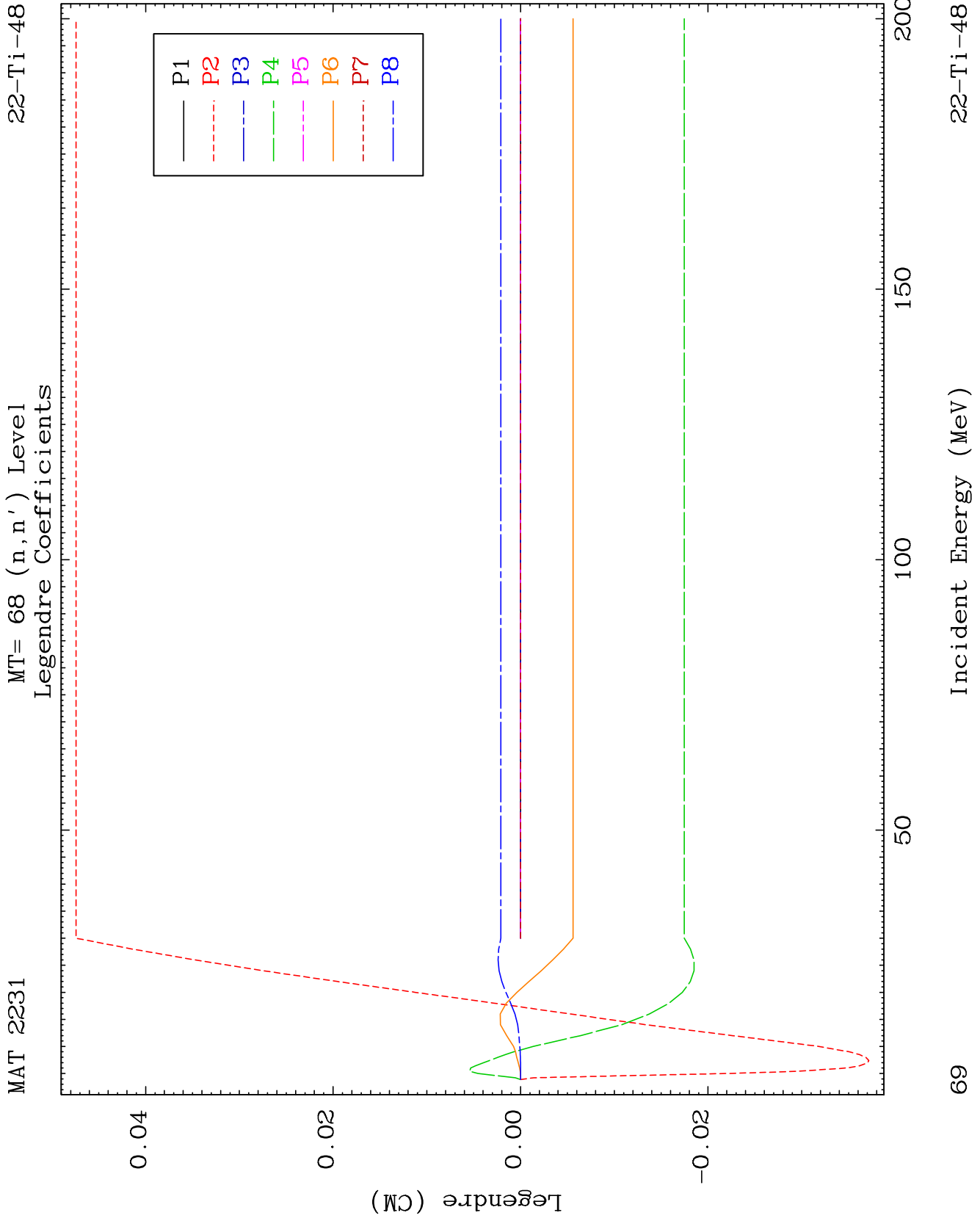
Incident Energy (MeV)

22-Ti-48

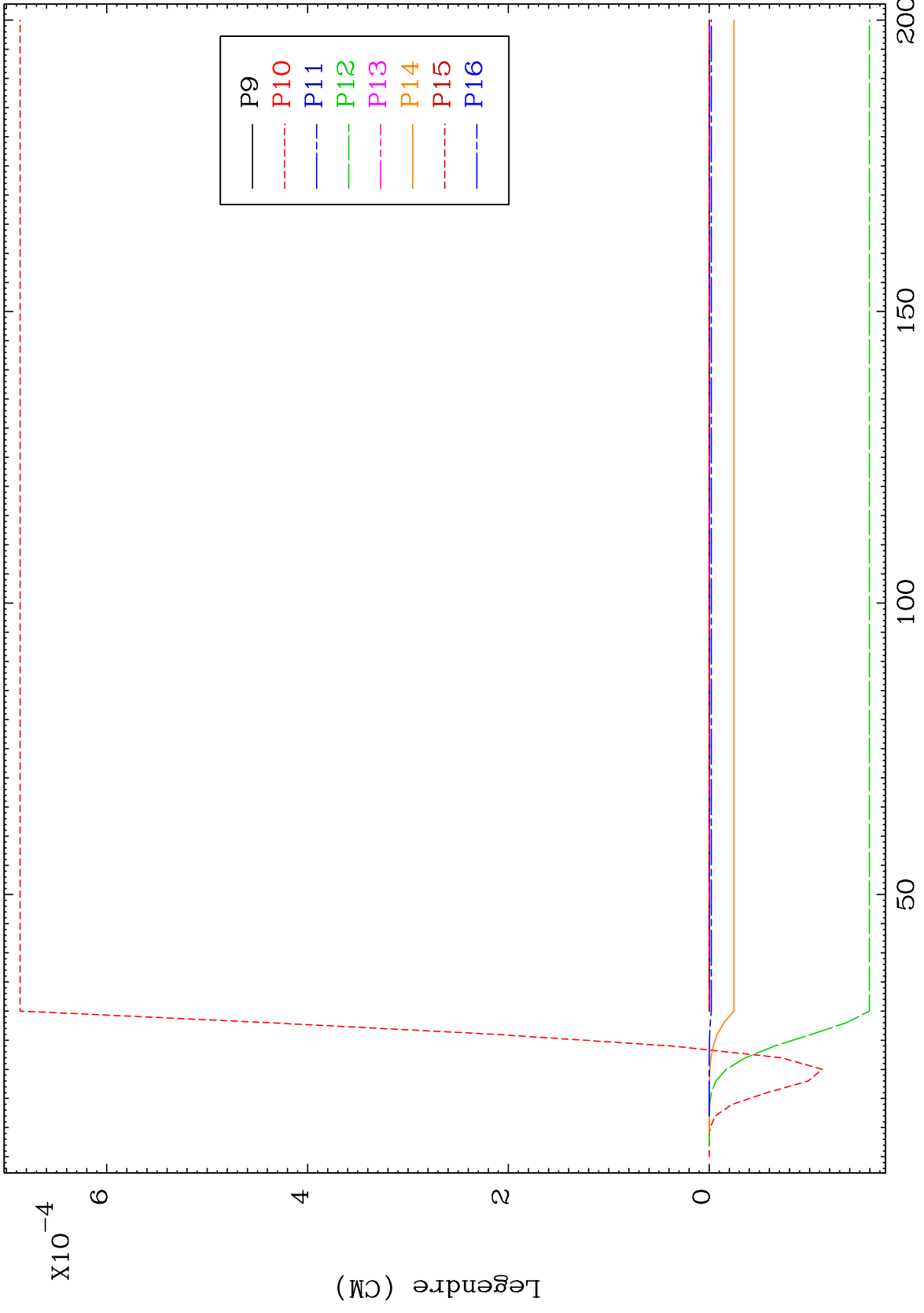
MAT 2231 MT= 67 (n,n') Level Legendre Coefficients 22-Ti-48



68 22-Ti-48

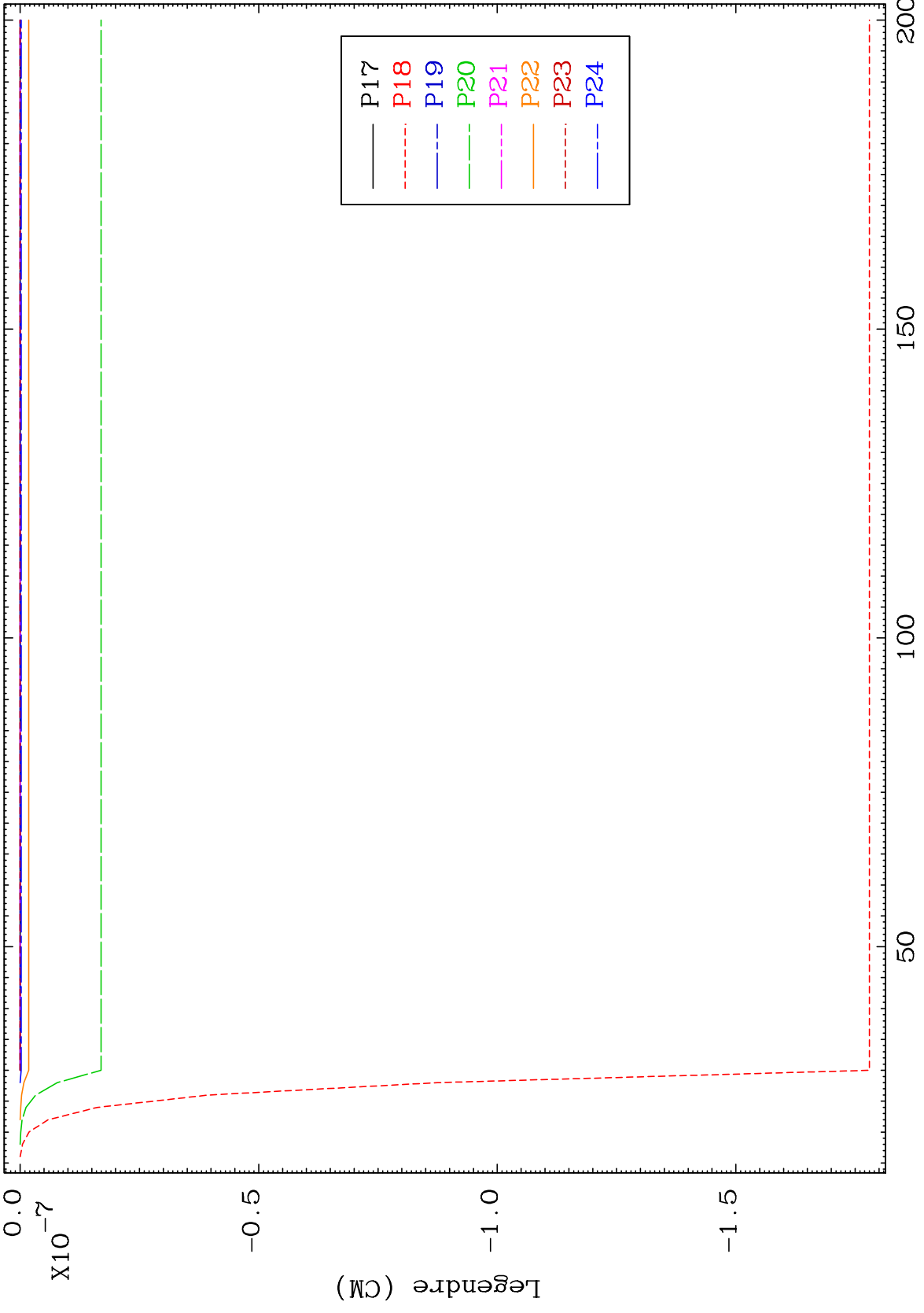


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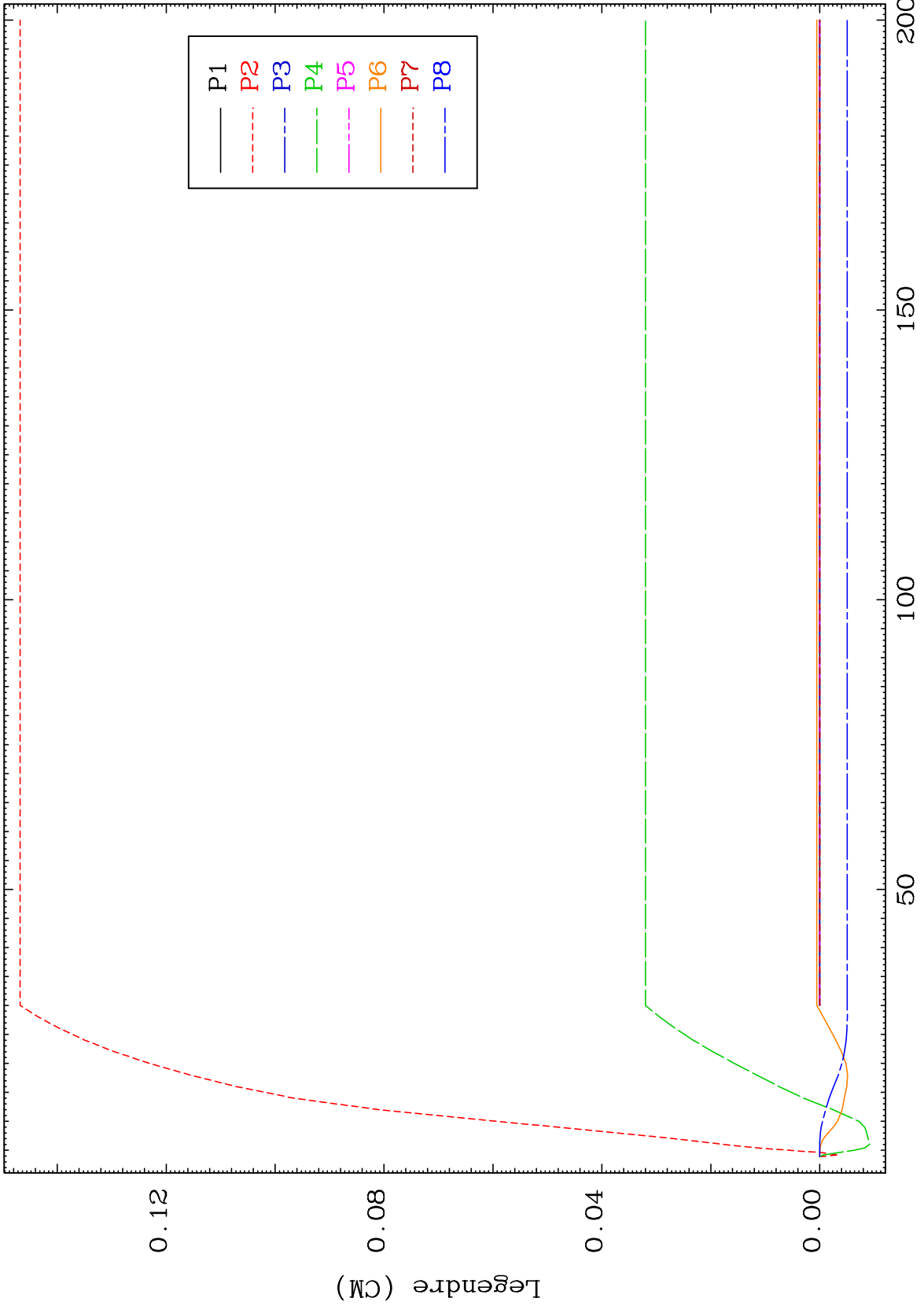


70 Incident Energy (MeV) 22-Ti-48

MAT 2231 MT= 68 (n,n') Level Legendre Coefficients 22-Ti-48

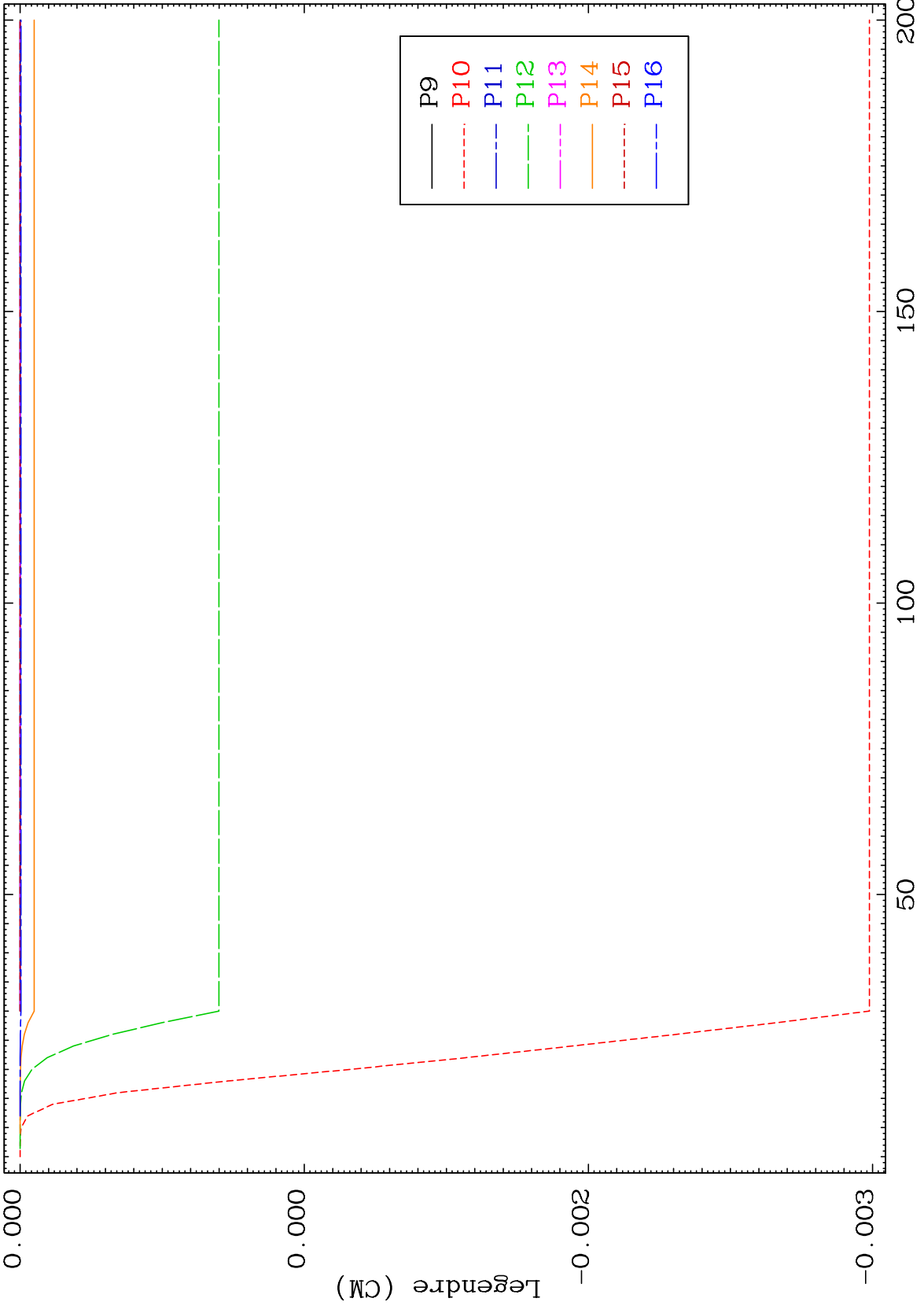


MAT 2231 MT= 69 (n,n') Level Legendre Coefficients 22-Ti-48



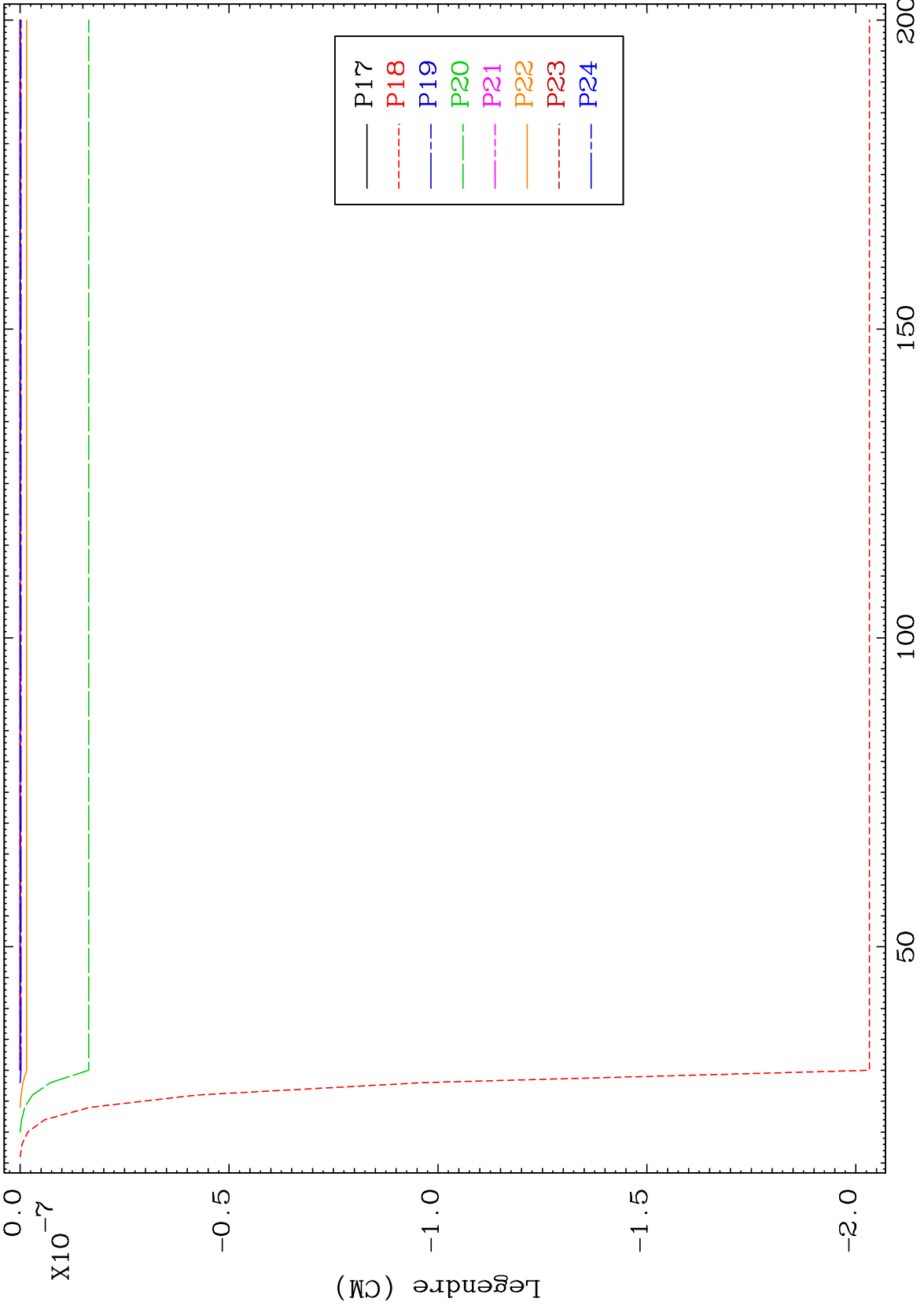
72 Incident Energy (MeV) 22-Ti-48

MAT 2231 MT= 69 (n,n') Level Legendre Coefficients 22-Ti-48

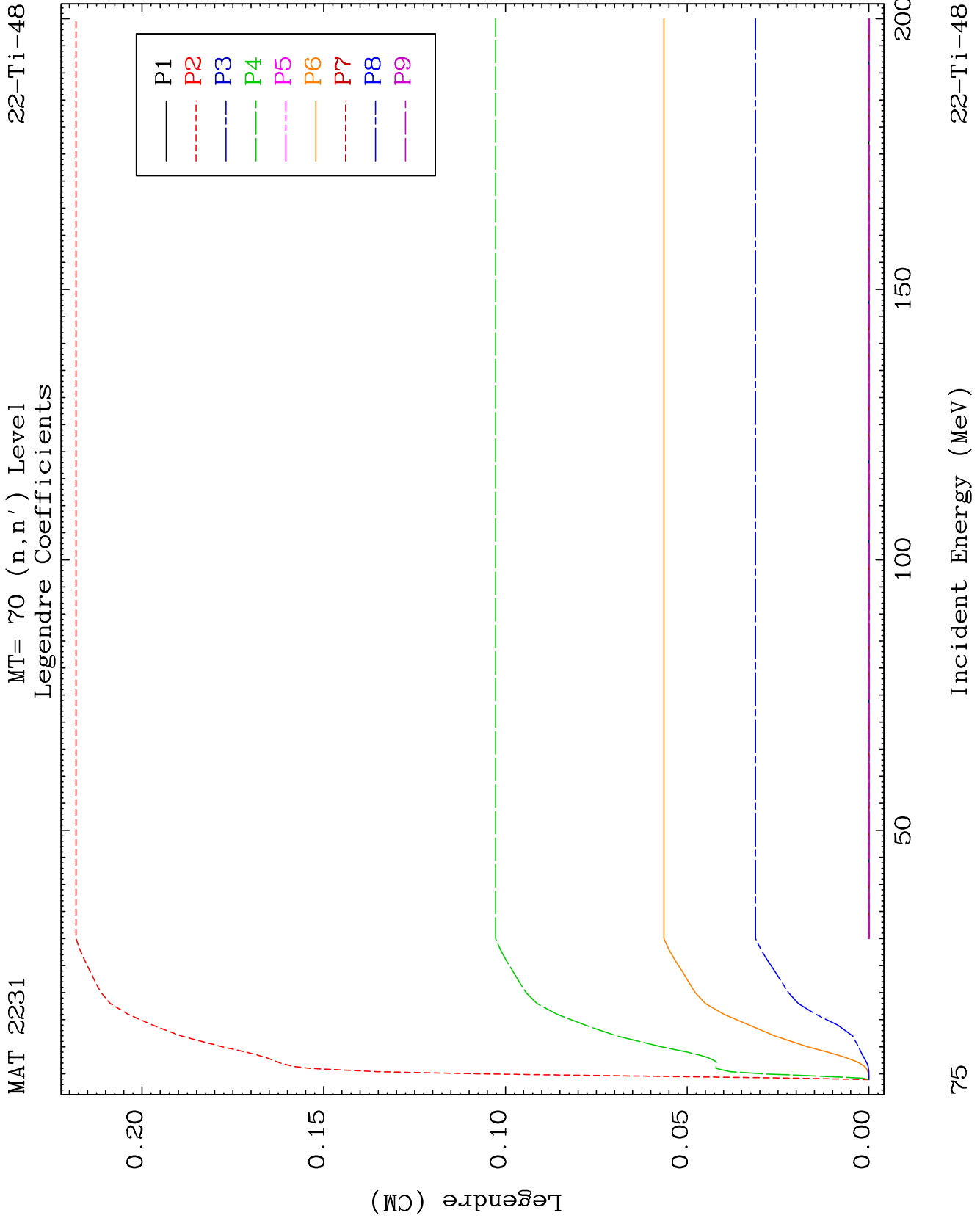


73 22-Ti-48

MAT 2231 MT= 69 (n,n') Level Legendre Coefficients 22-Ti-48



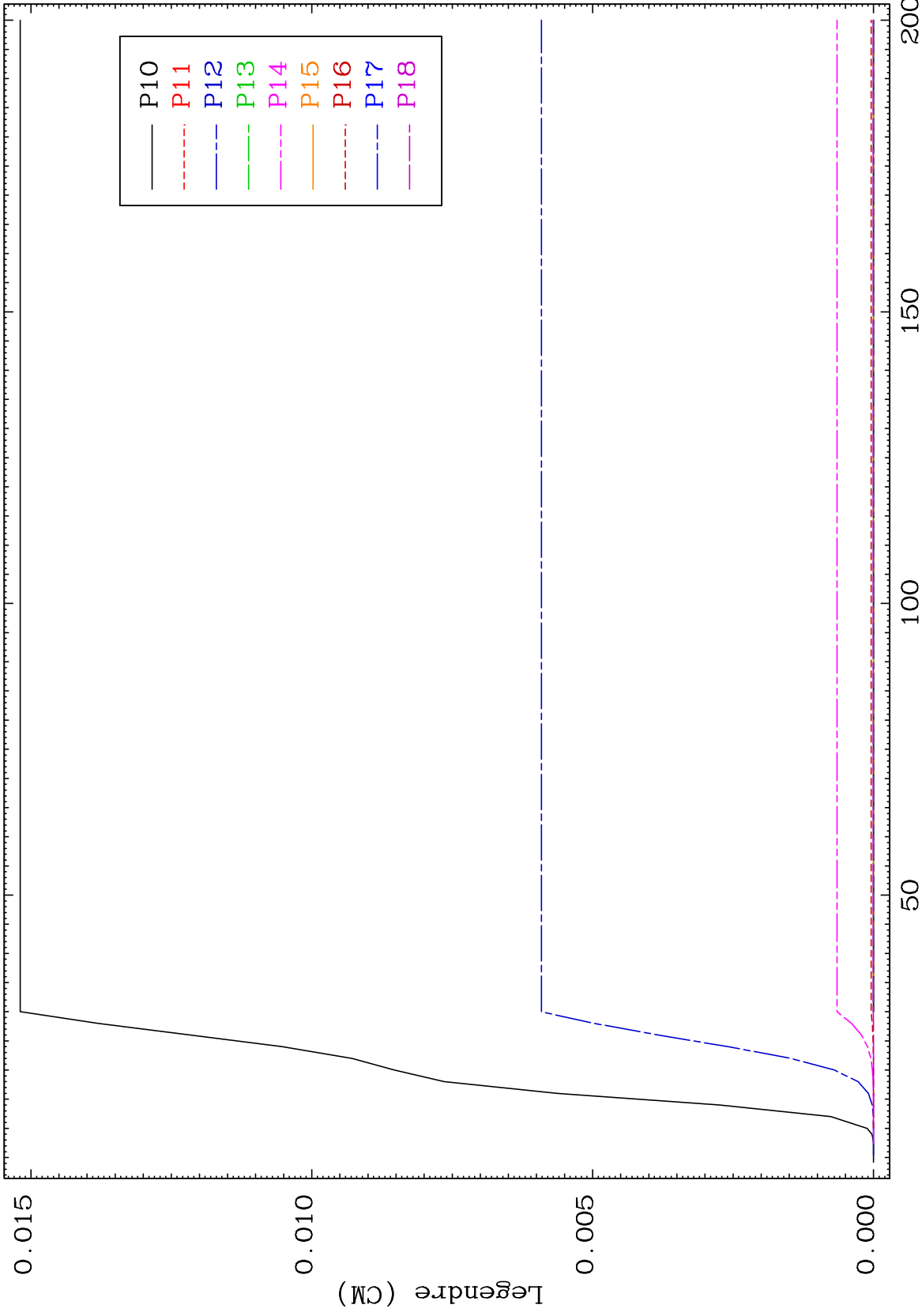
74 Incident Energy (MeV) 22-Ti-48



MAT 2231

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

22-Ti-48

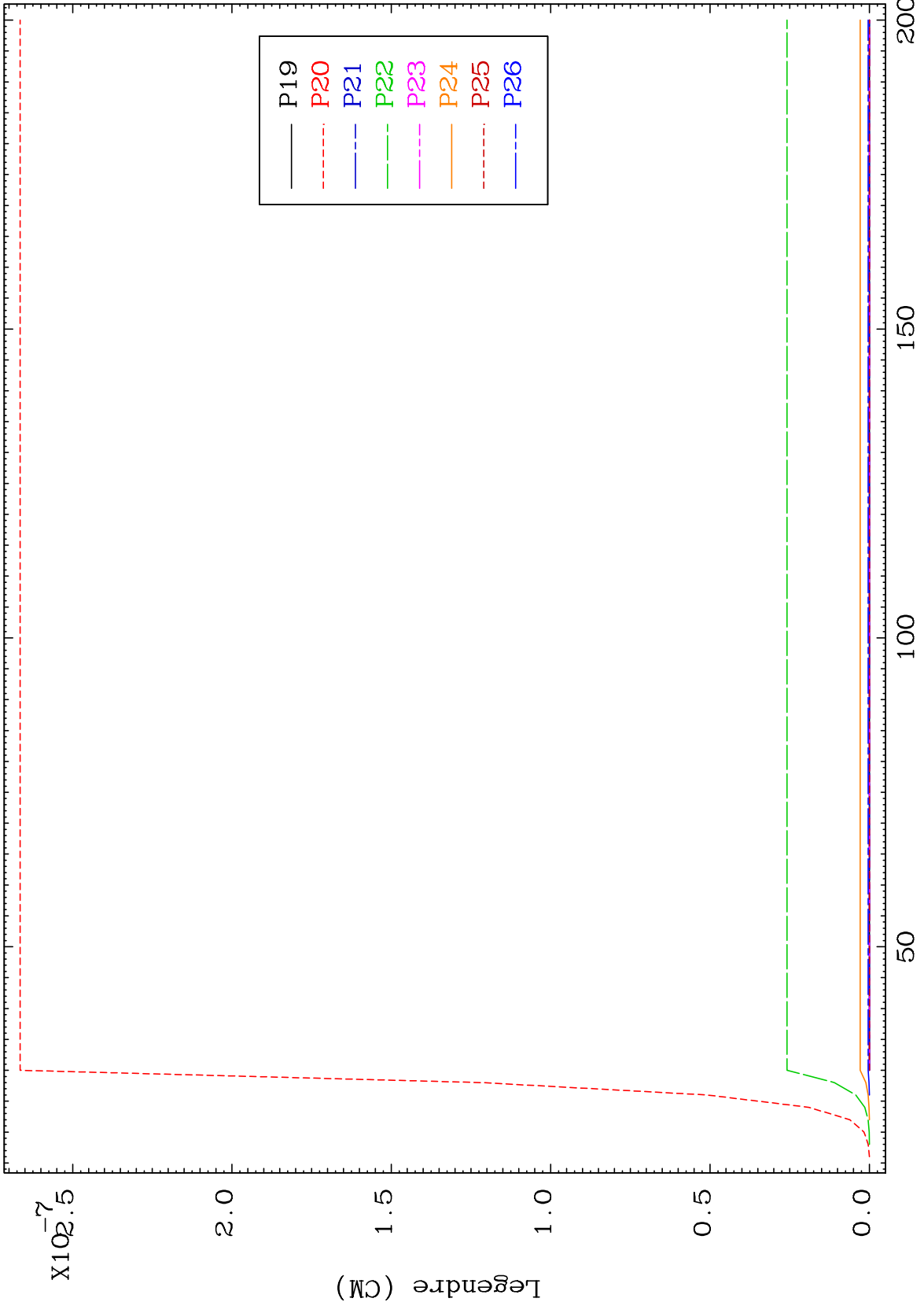


76

Incident Energy (MeV)

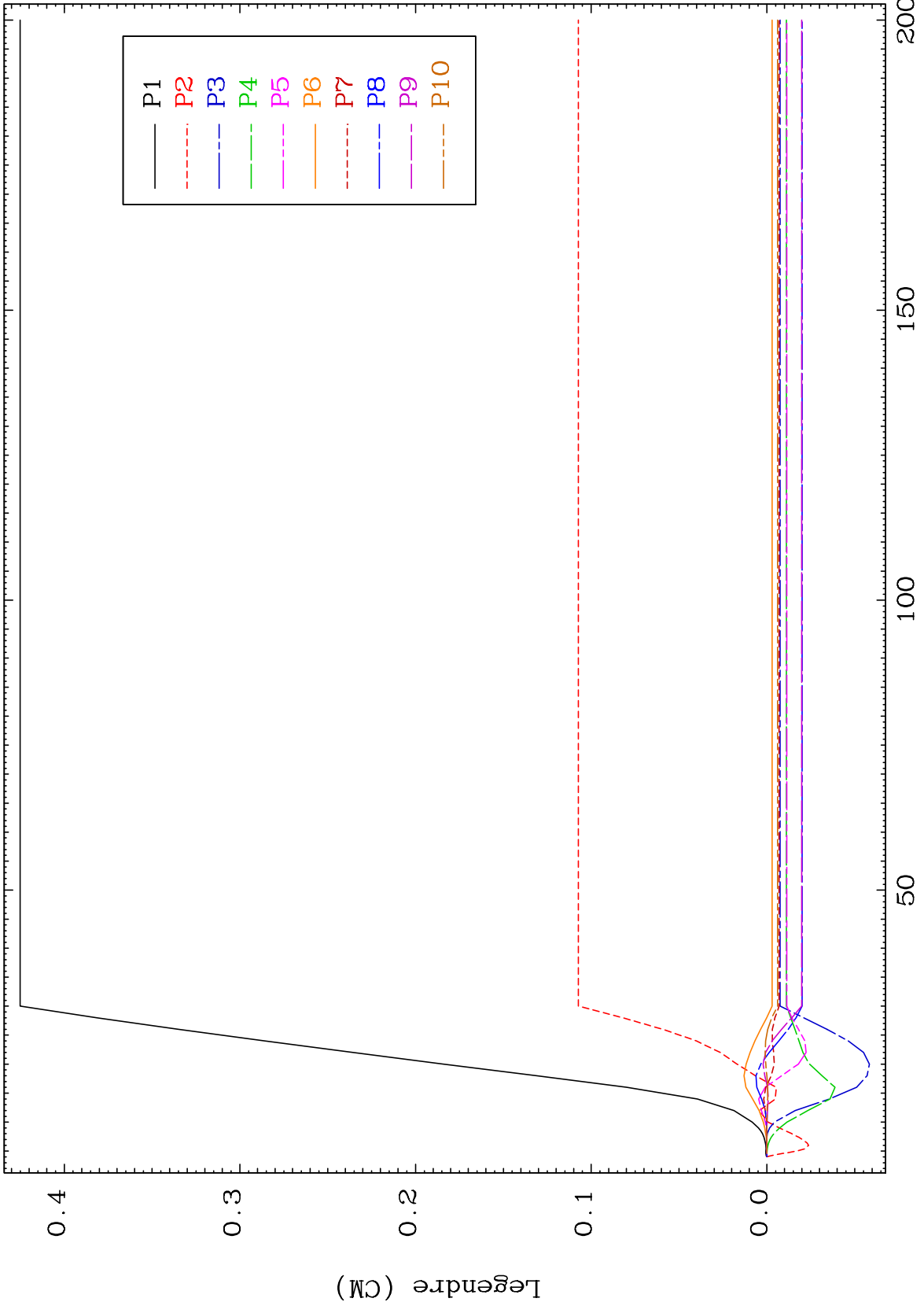
22-Ti-48

MAT 2231 MT= 70 (n,n') Level Legendre Coefficients 22-Ti-48



77 22-Ti-48

MAT 2231 MT= 71 (n,n') Level Legendre Coefficients 22-Ti-48

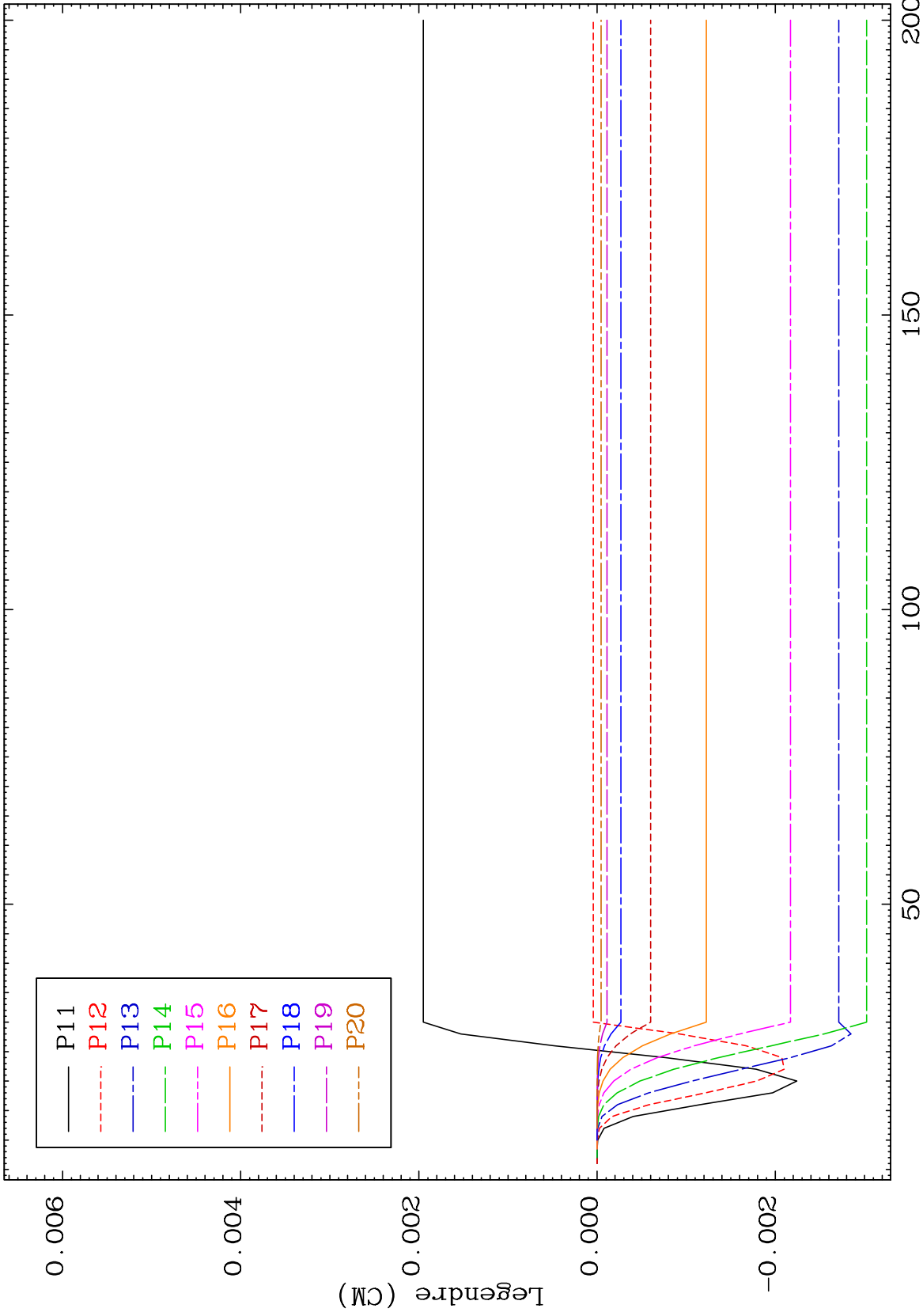


78 22-Ti-48

MAT 2231

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

22-Ti-48

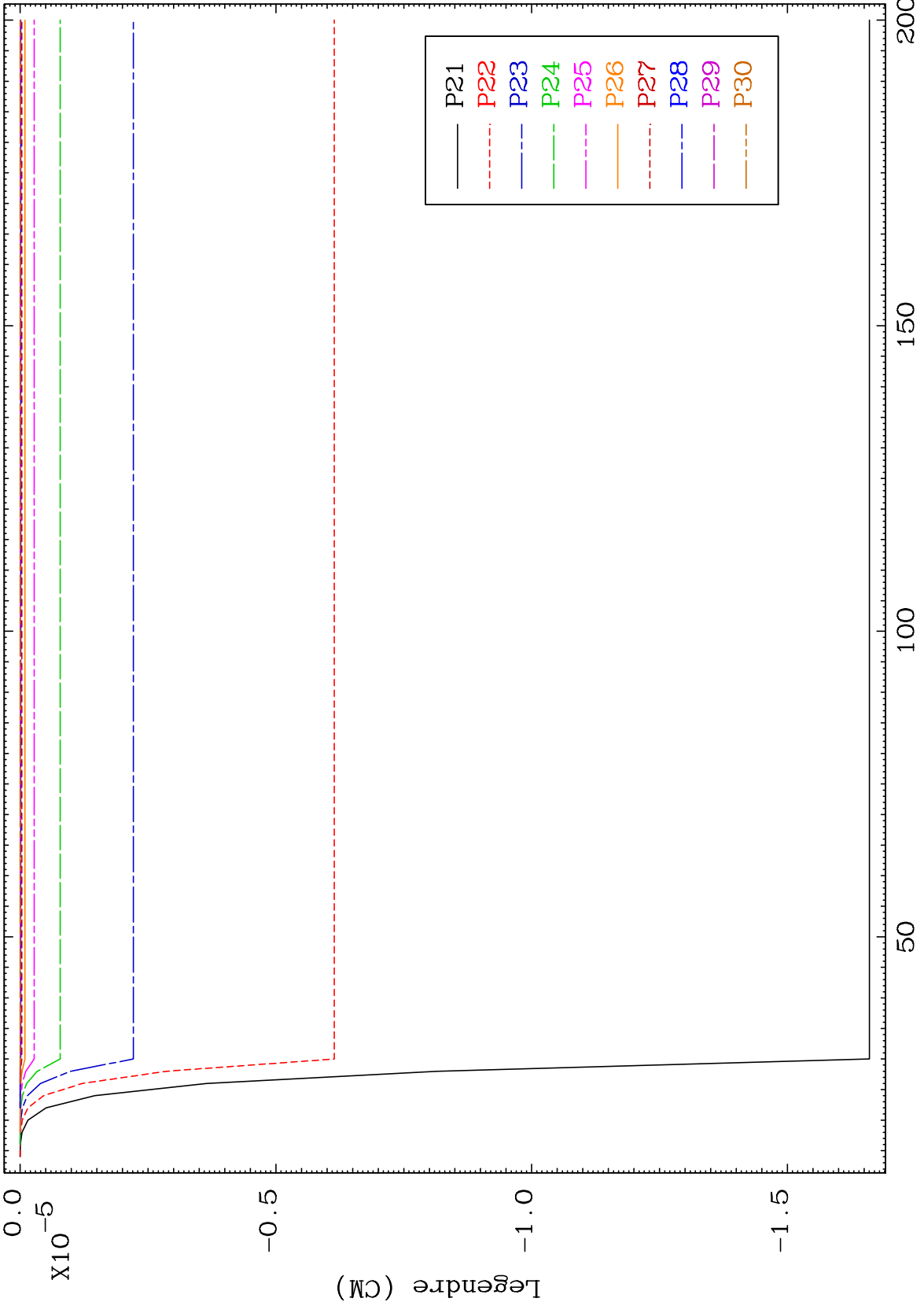


79

Incident Energy (MeV)

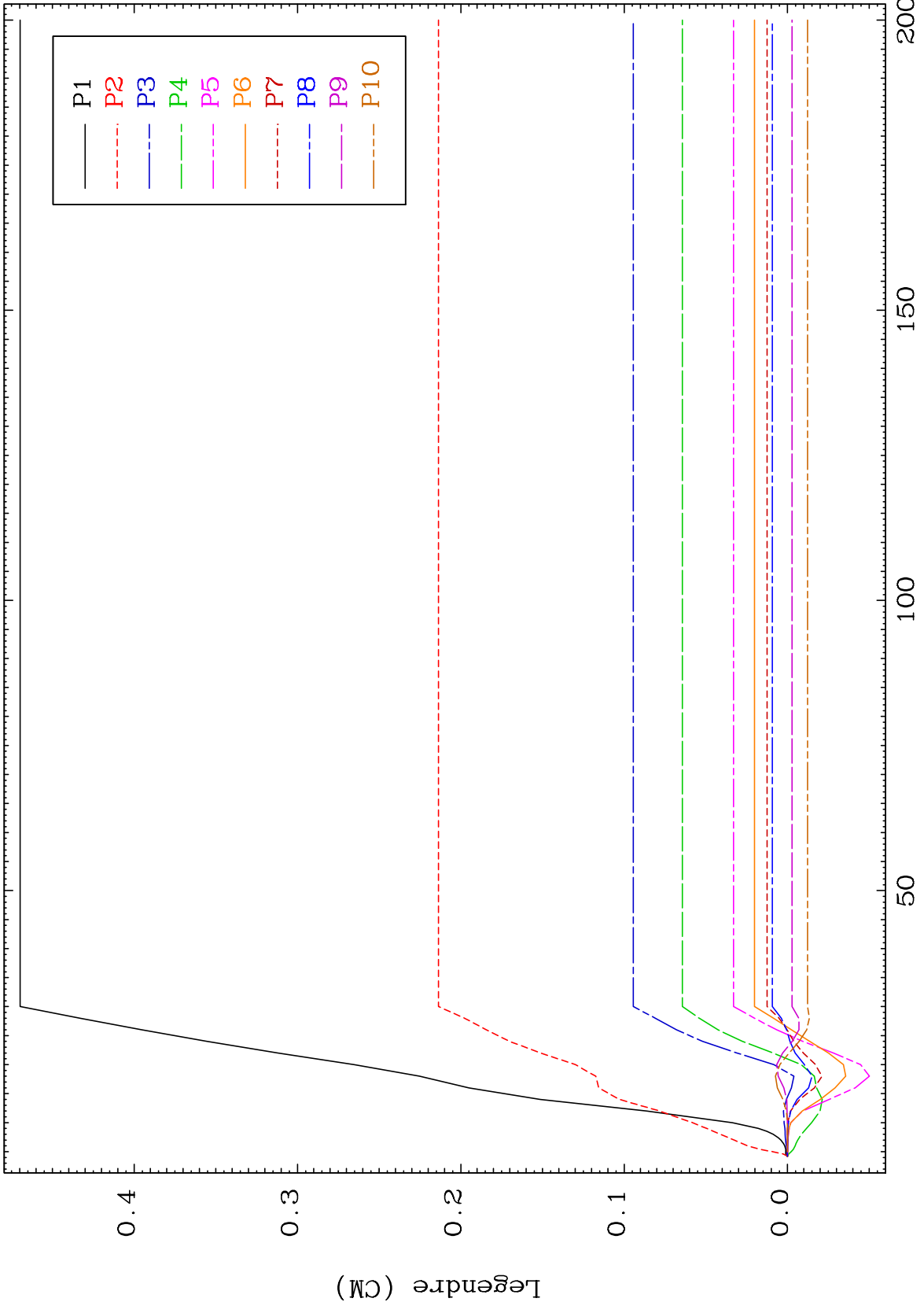
22-Ti-48

MAT 2231 MT= 71 (n,n') Level Legendre Coefficients 22-Ti-48



80 Incident Energy (MeV) 22-Ti-48

MAT 2231 MT= 72 (n,n') Level Legendre Coefficients 22-Ti-48

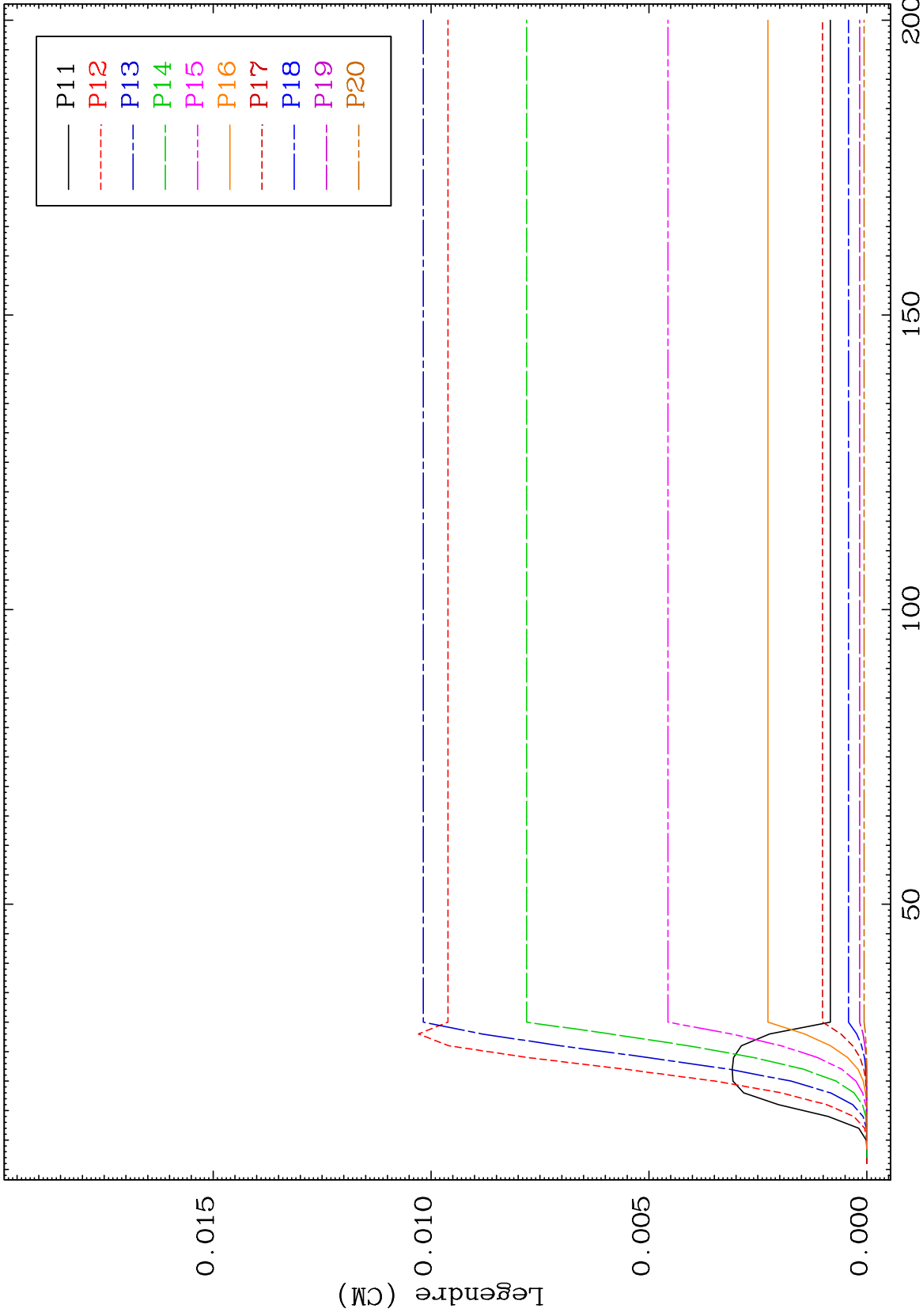


81 22-Ti-48

MAT 2231

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

22-Ti-48



82

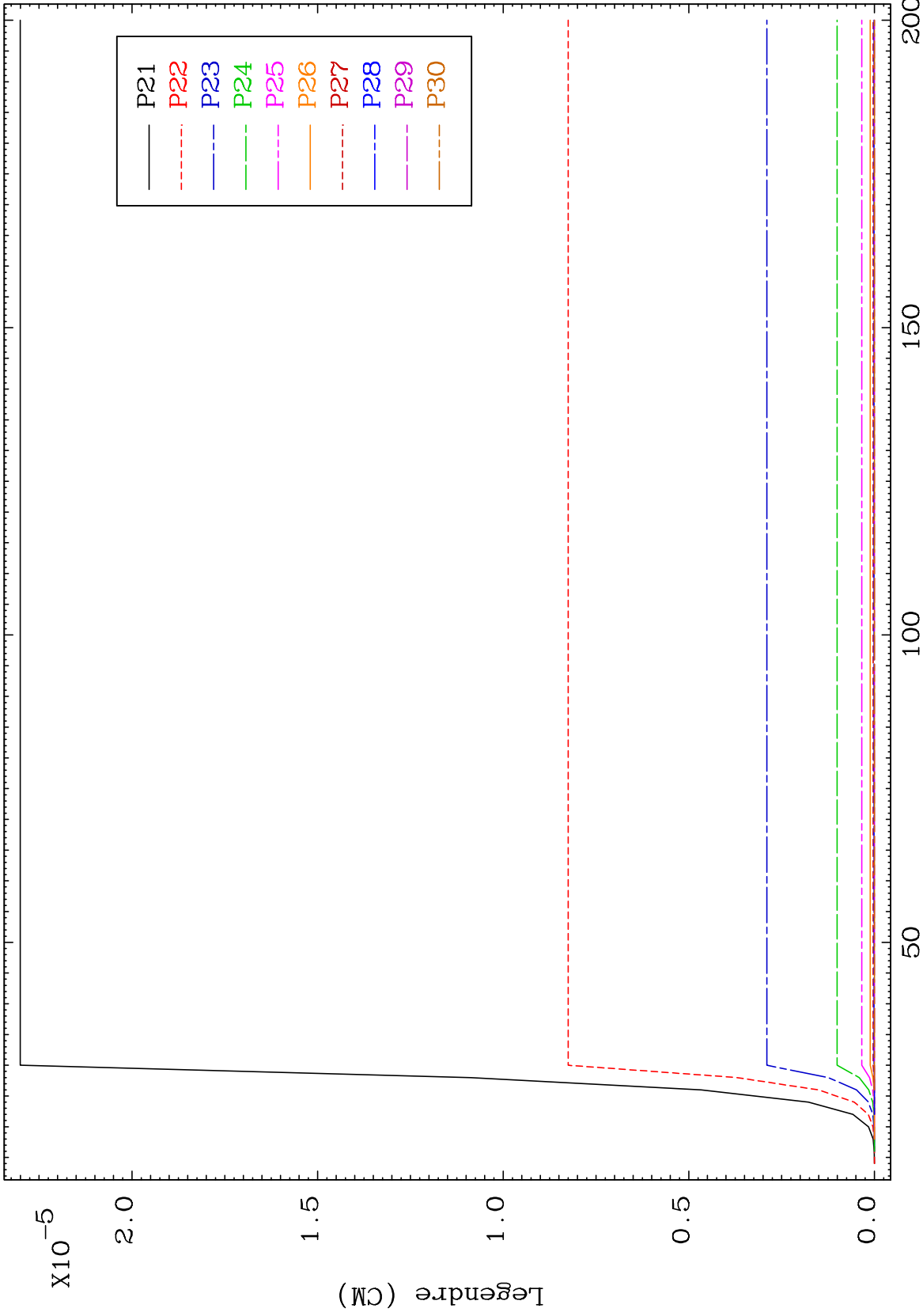
Incident Energy (MeV)

22-Ti-48

MAT 2231

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

22-Ti-48

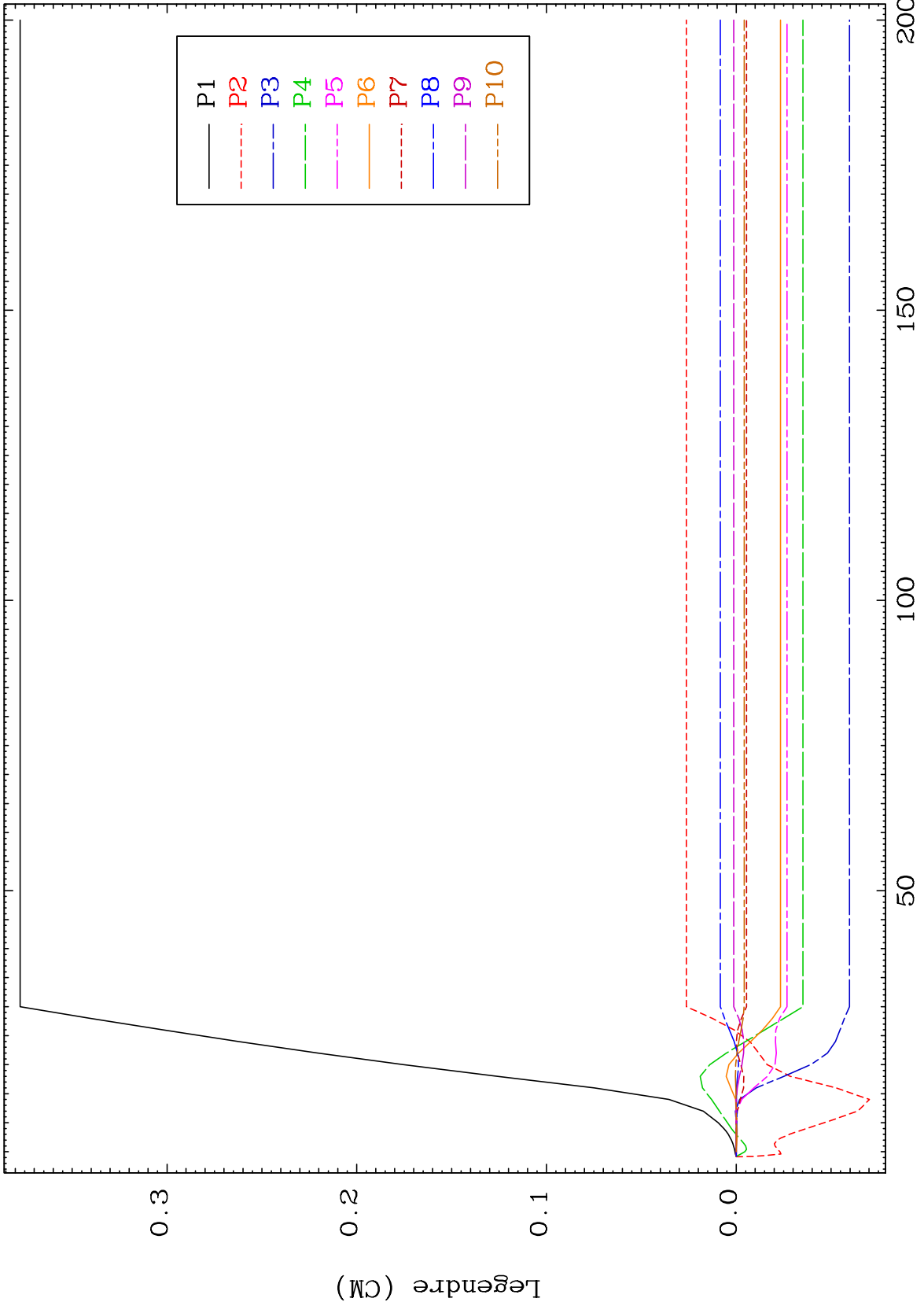


83

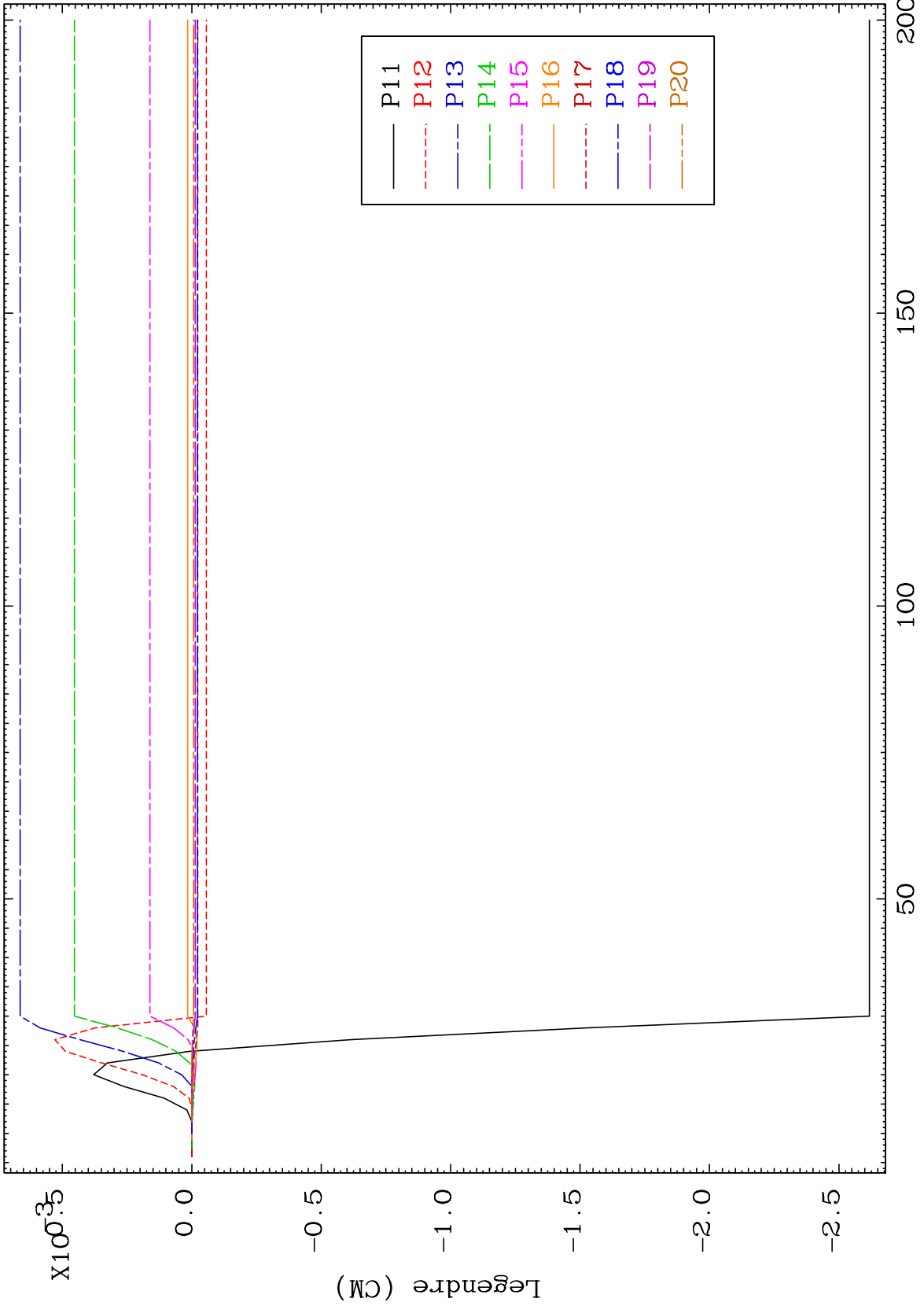
Incident Energy (MeV)

22-Ti-48

MAT 2231 MT= 73 (n,n') Level Legendre Coefficients 22-Ti-48



MAT 2231 MT= 73 (n,n') Level Legendre Coefficients 22-Ti-48

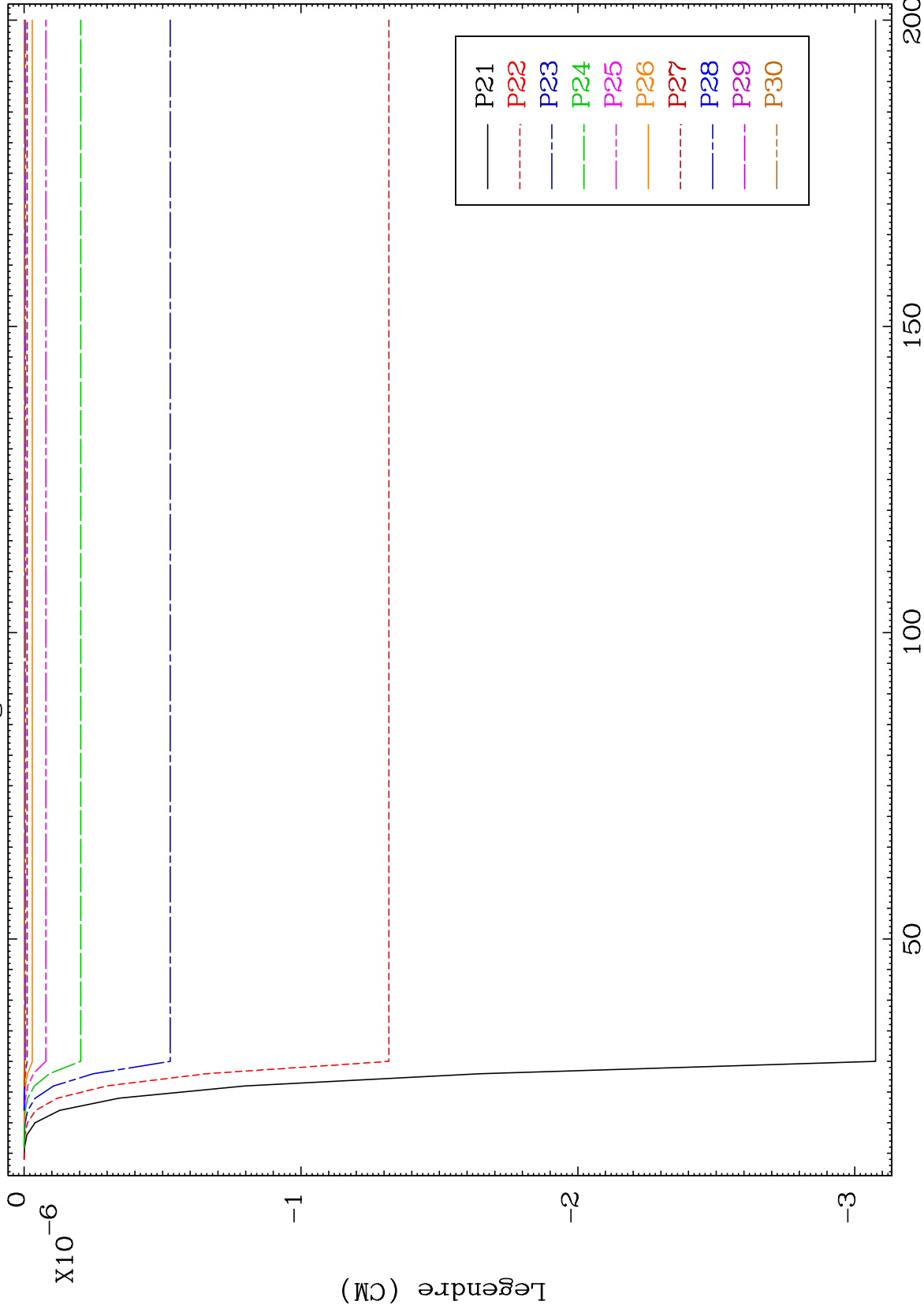


85 22-Ti-48

MAT 2231

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

22-Ti-48

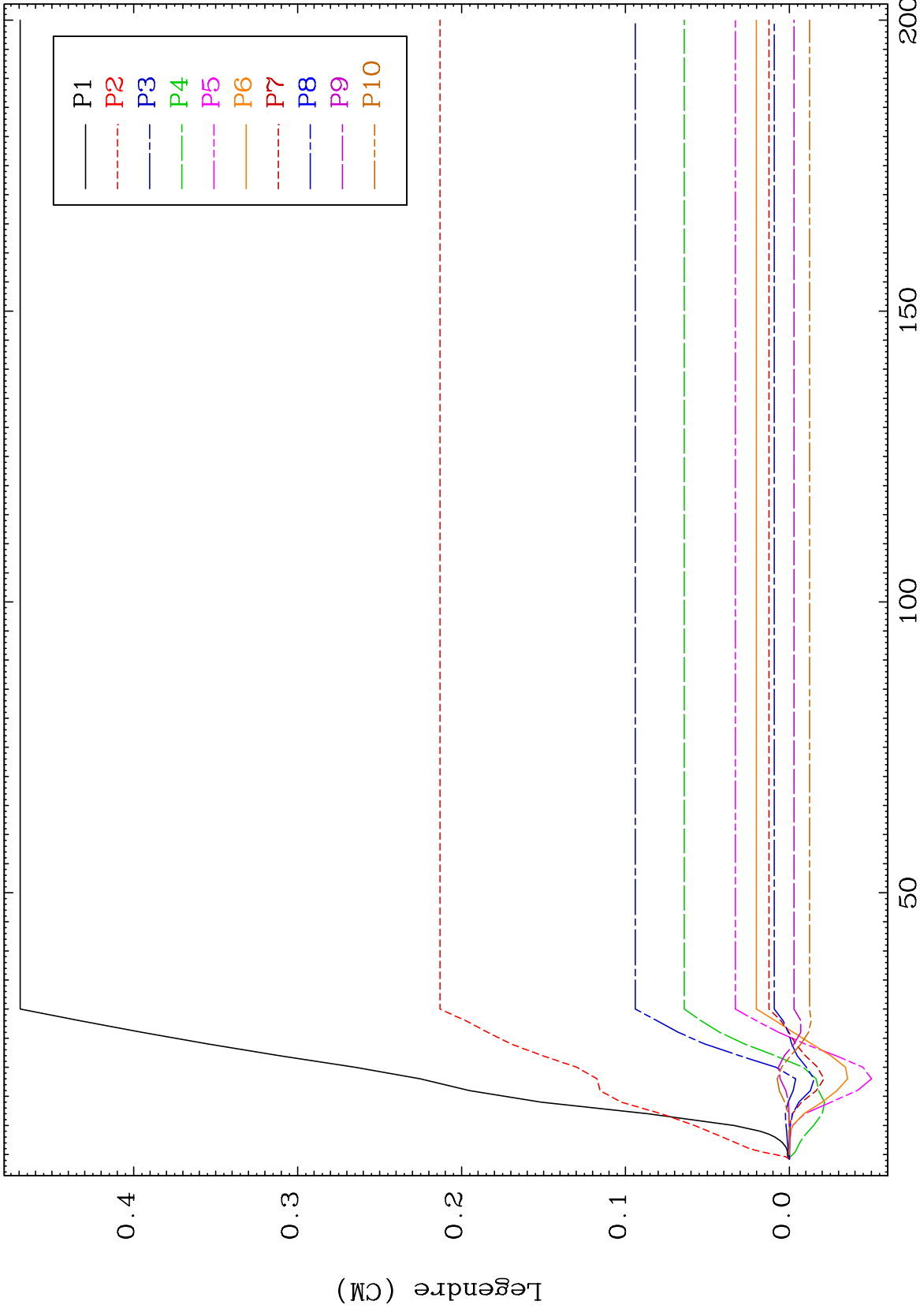


86

Incident Energy (MeV)

22-Ti-48

MAT 2231 MT= 74 (n,n') Level Legendre Coefficients 22-Ti-48

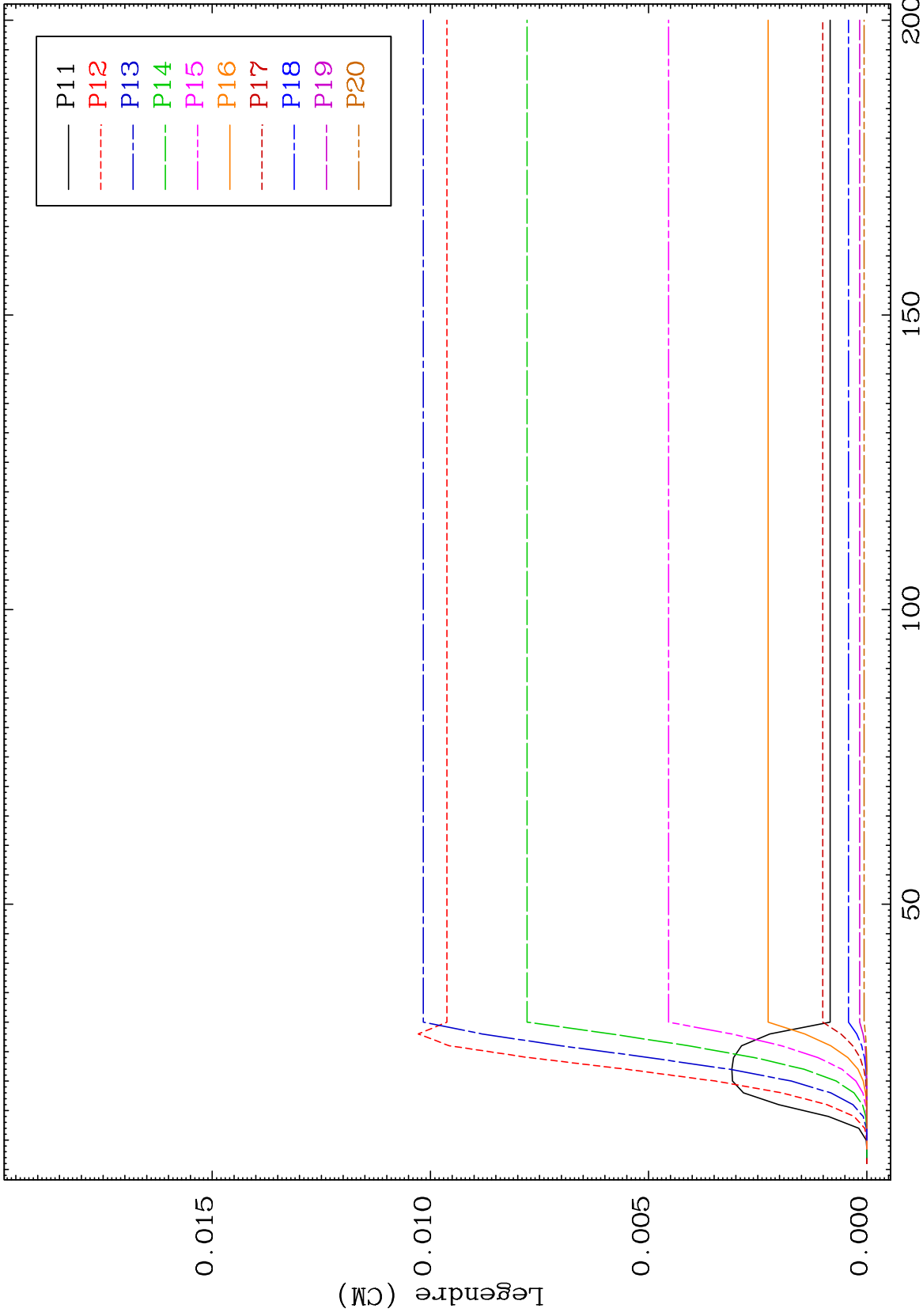


87 22-Ti-48

MAT 2231

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

22-Ti-48



88

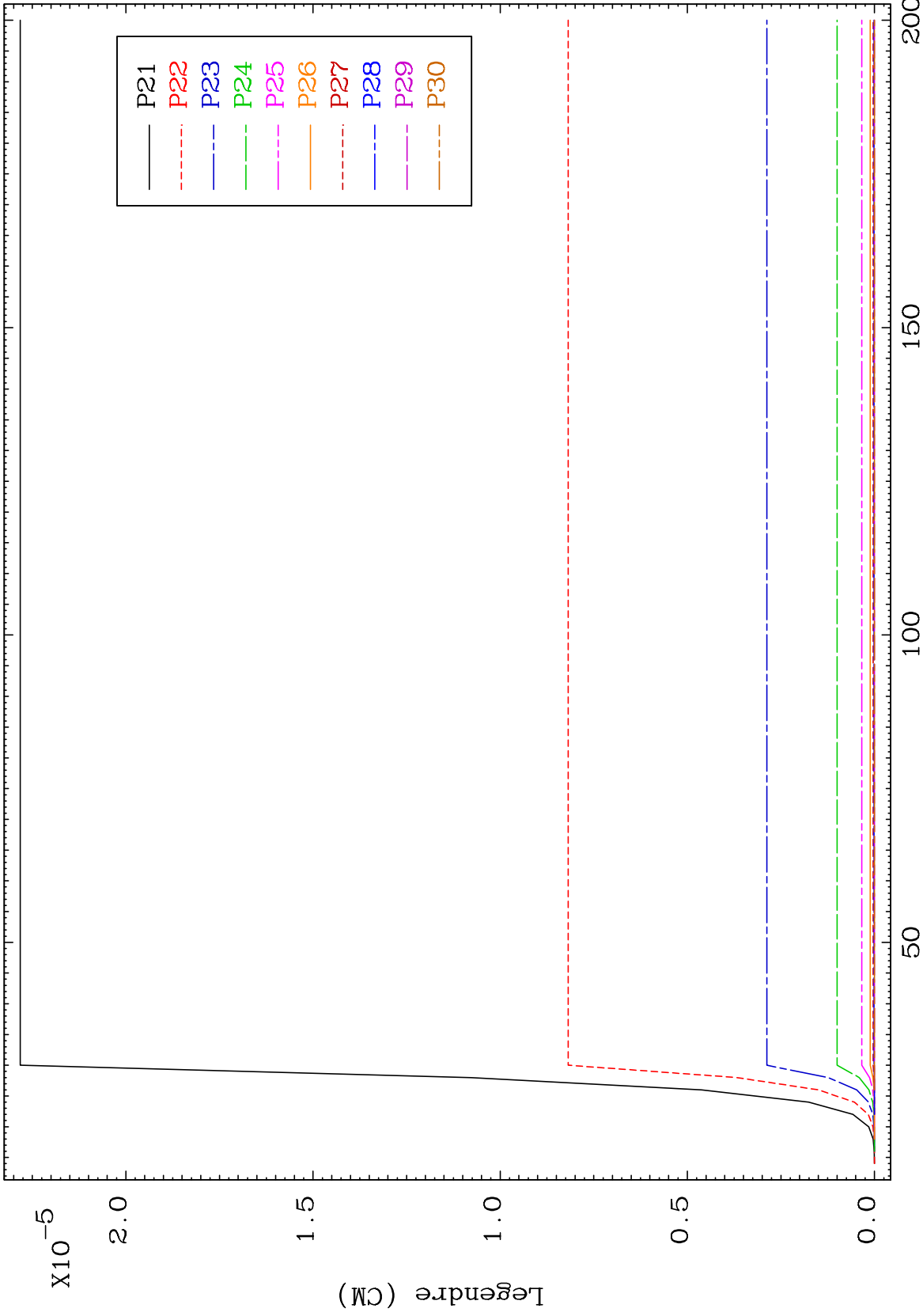
Incident Energy (MeV)

22-Ti-48

MAT 2231

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

22-Ti-48



89

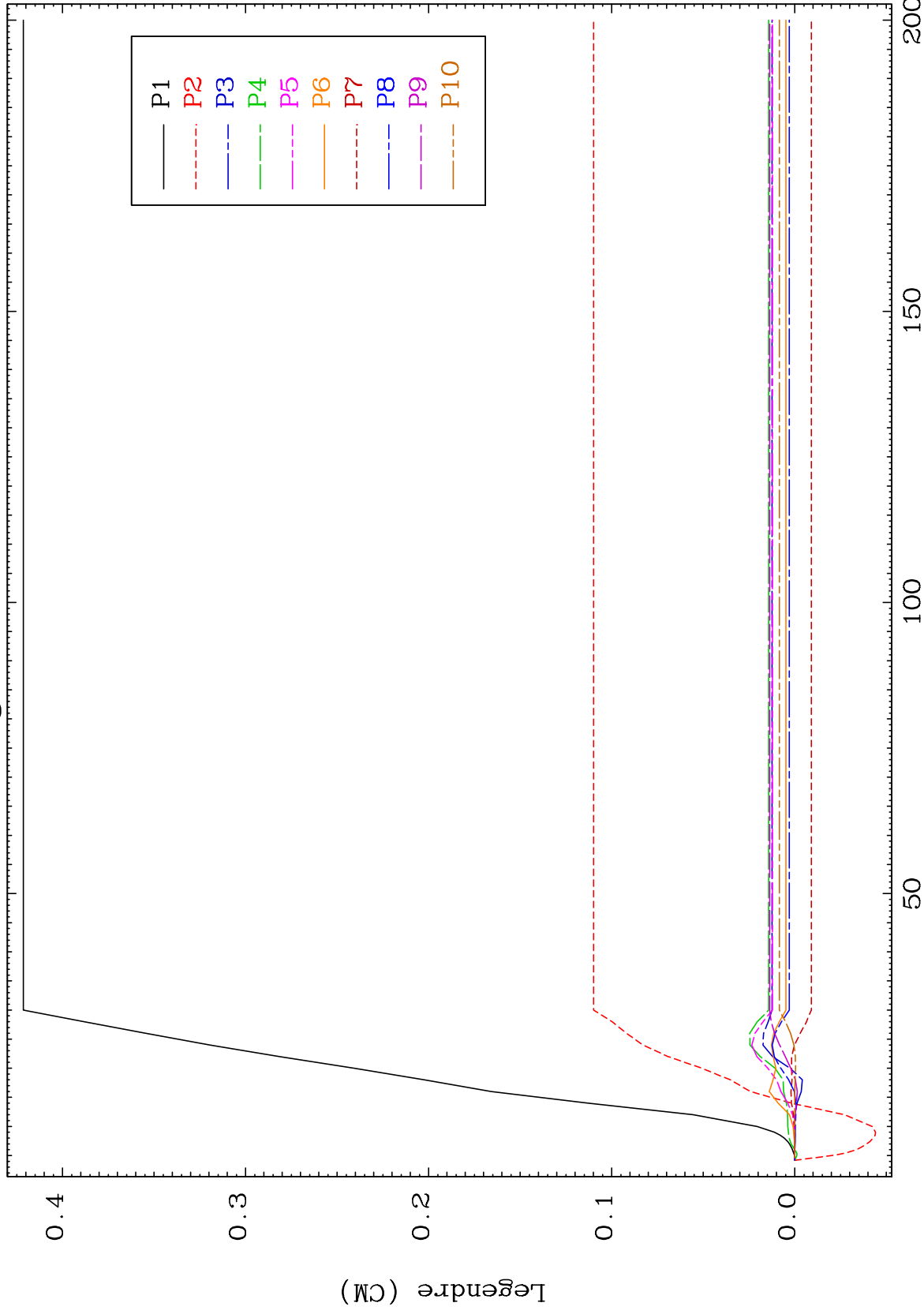
Incident Energy (MeV)

22-Ti-48

MAT 2231

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

²²Ti-48



90

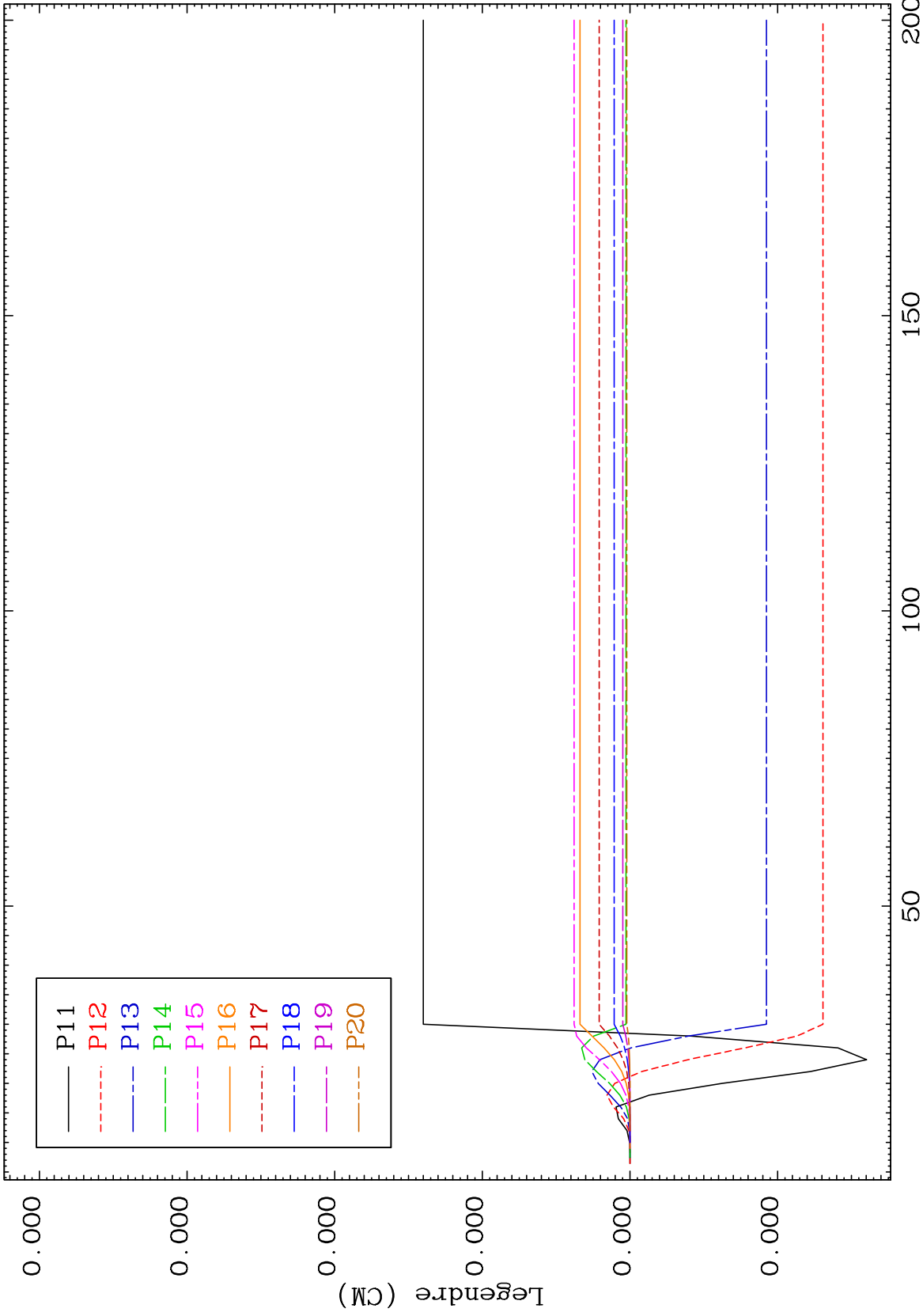
Incident Energy (MeV)

²²Ti-48

MAT 2231

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

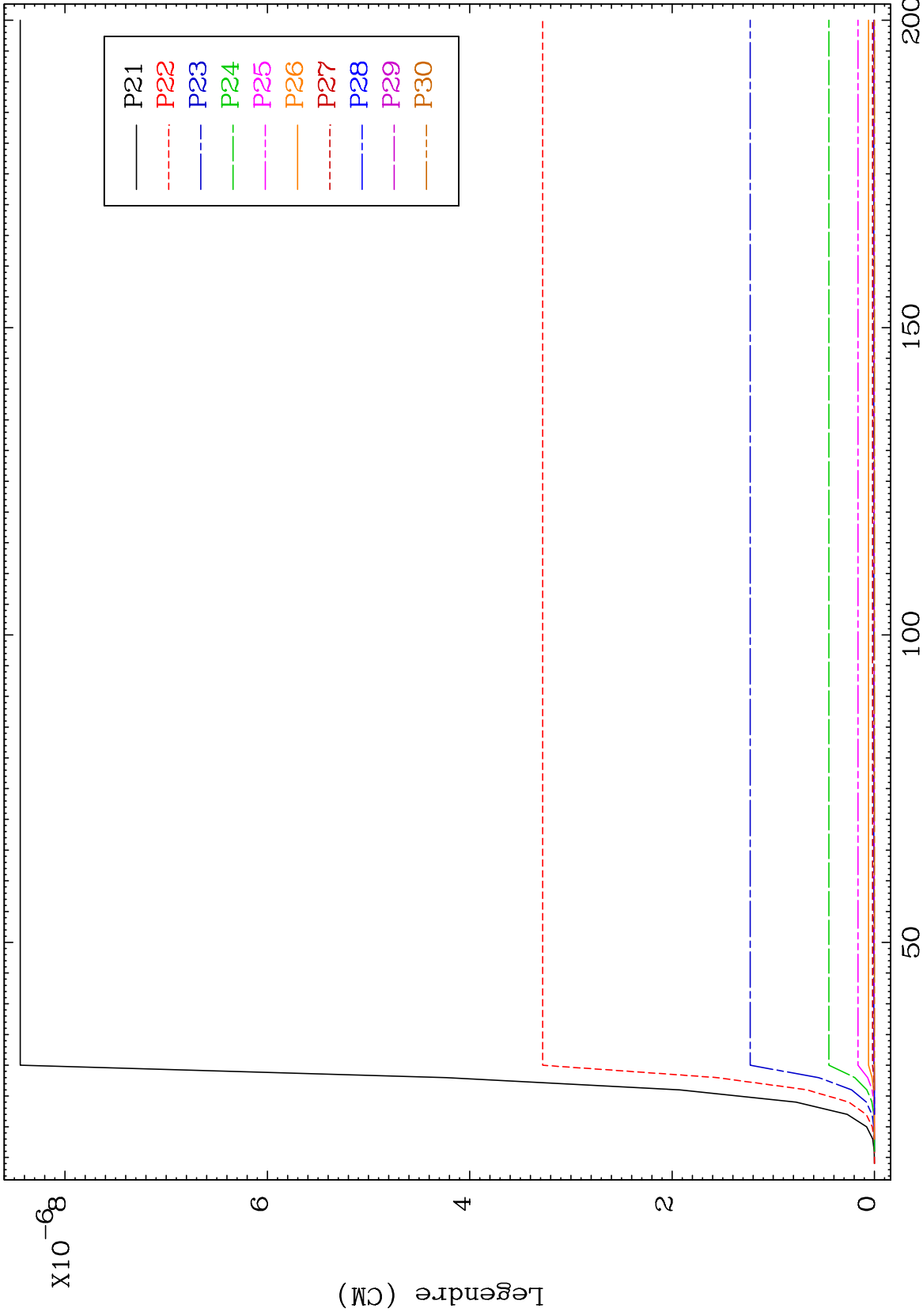
22-Ti-48



MAT 2231

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

22-Ti-48

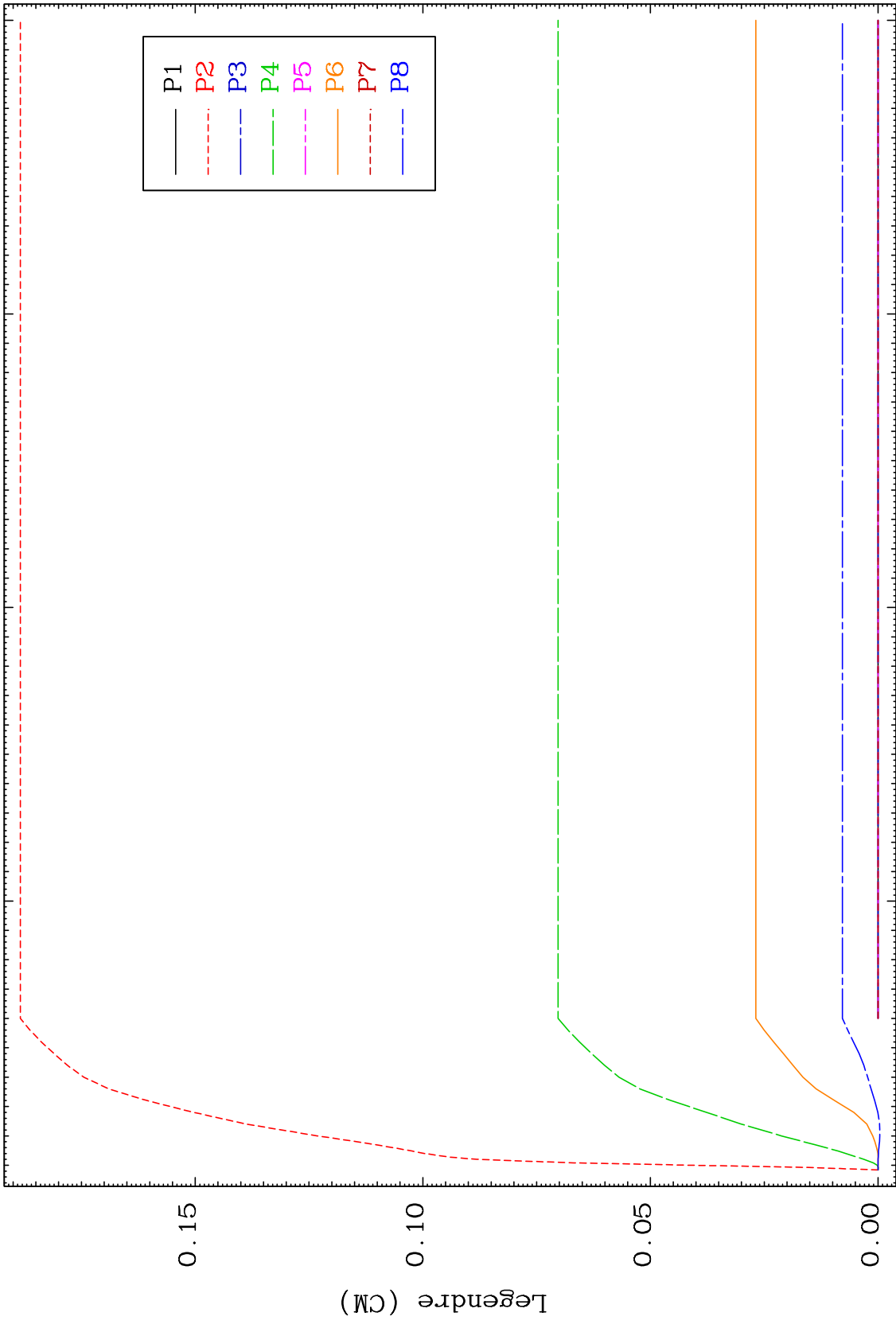


92

Incident Energy (MeV)

22-Ti-48

MAT 2231 MT= 76 (n,n') Level Legendre Coefficients 22-Ti-48

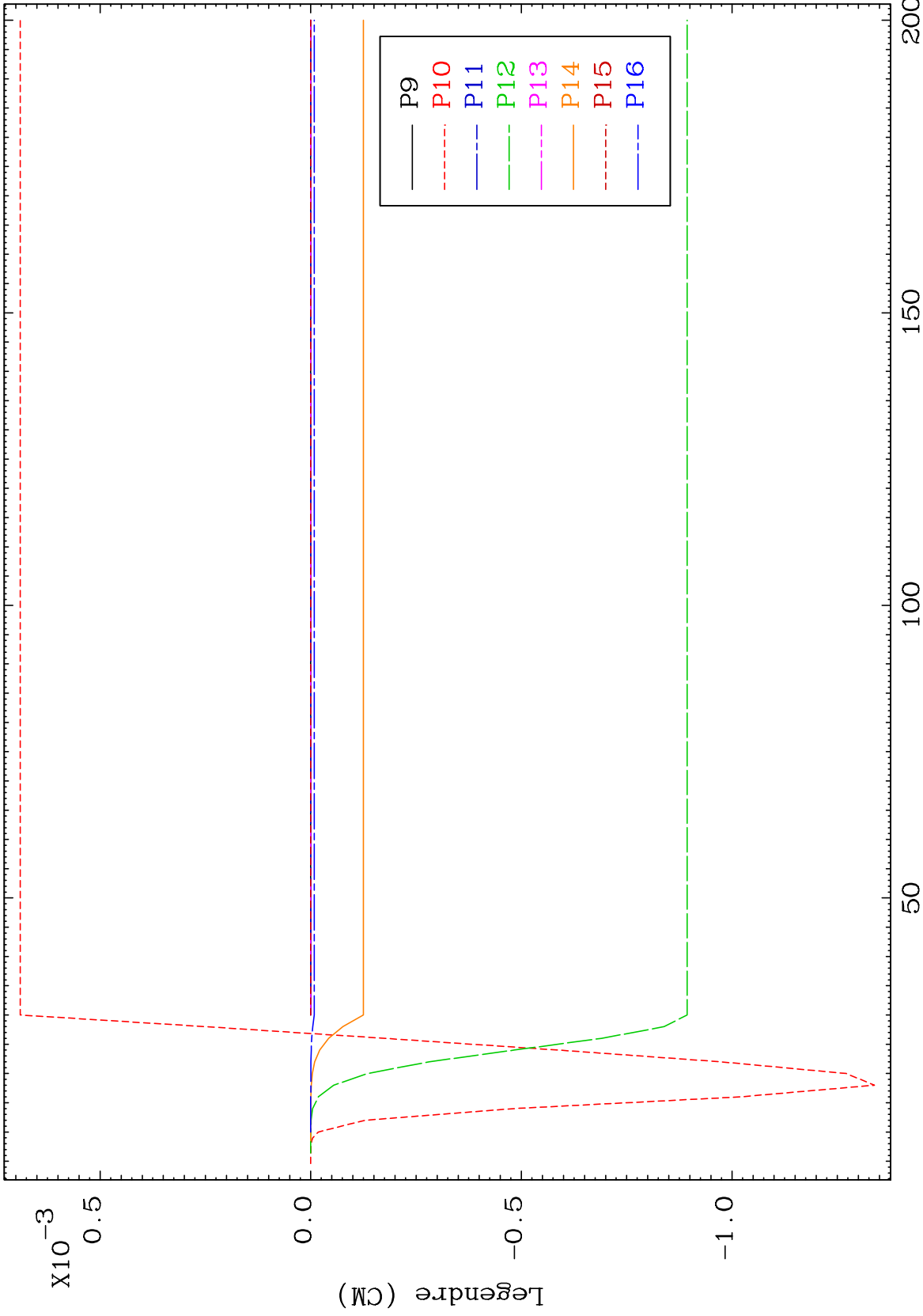


93 Incident Energy (MeV) 22-Ti-48

MAT 2231

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

22-Ti-48

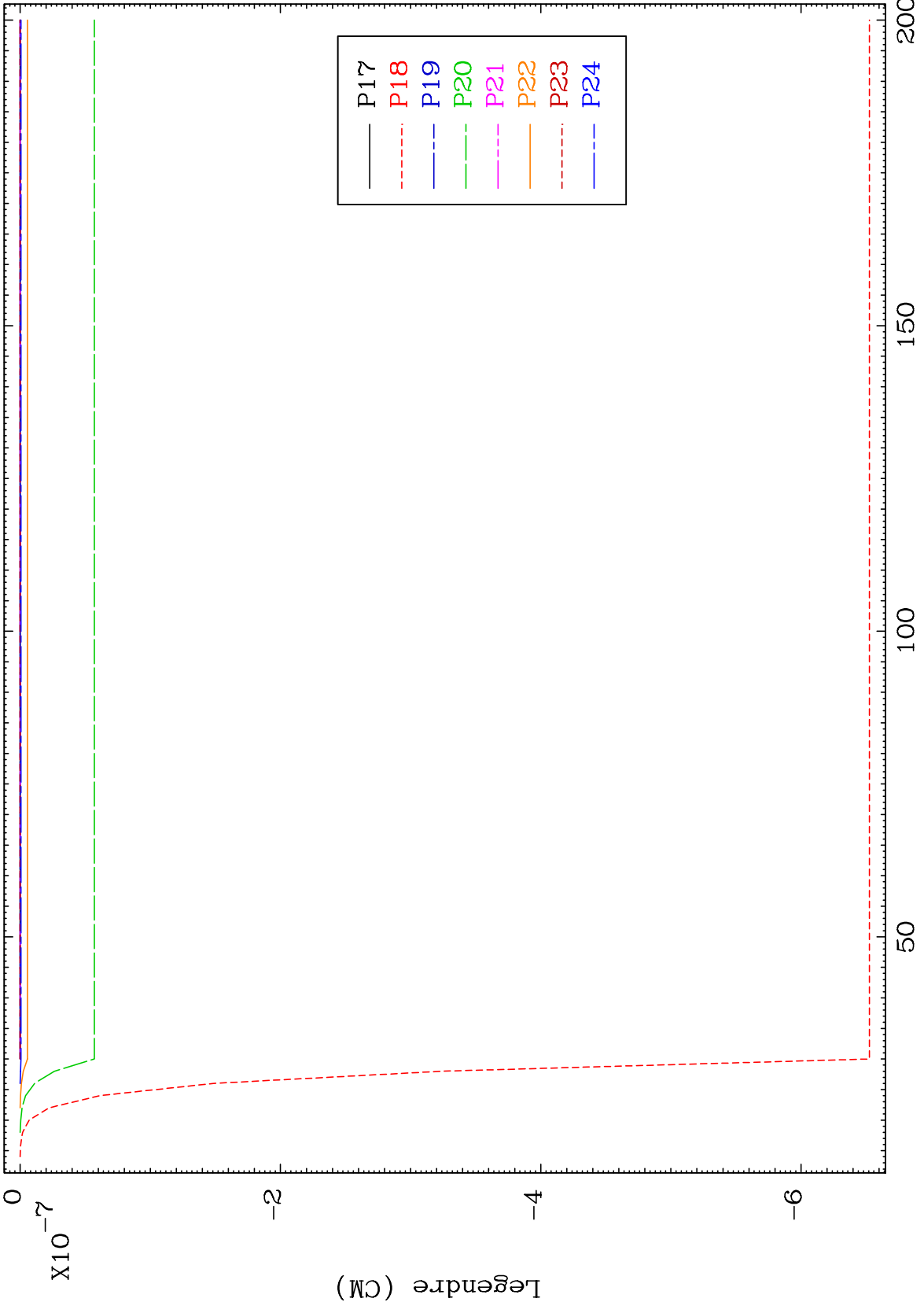


94

Incident Energy (MeV)

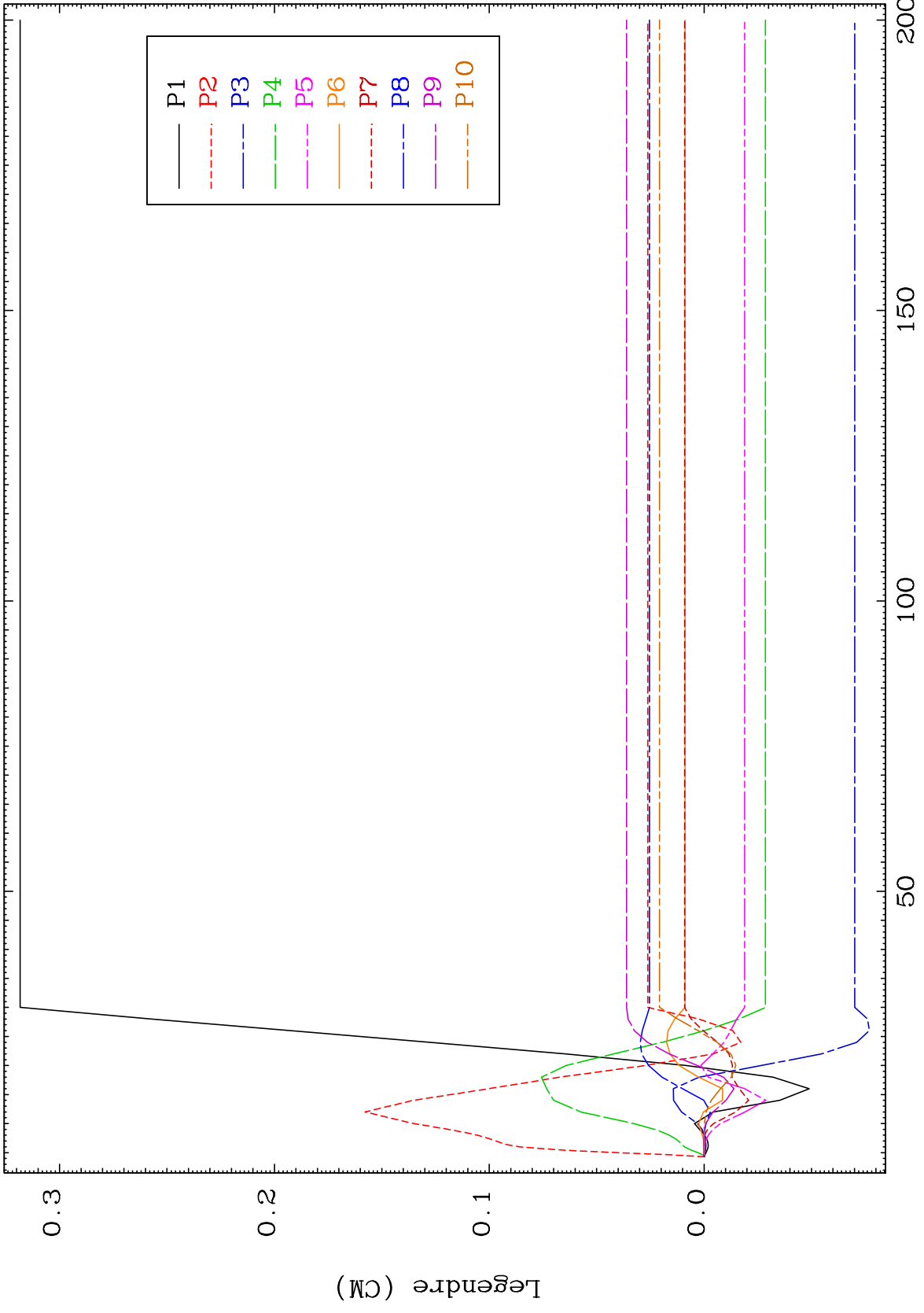
22-Ti-48

MAT 2231 MT= 76 (n,n') Level Legendre Coefficients 22-Ti-48

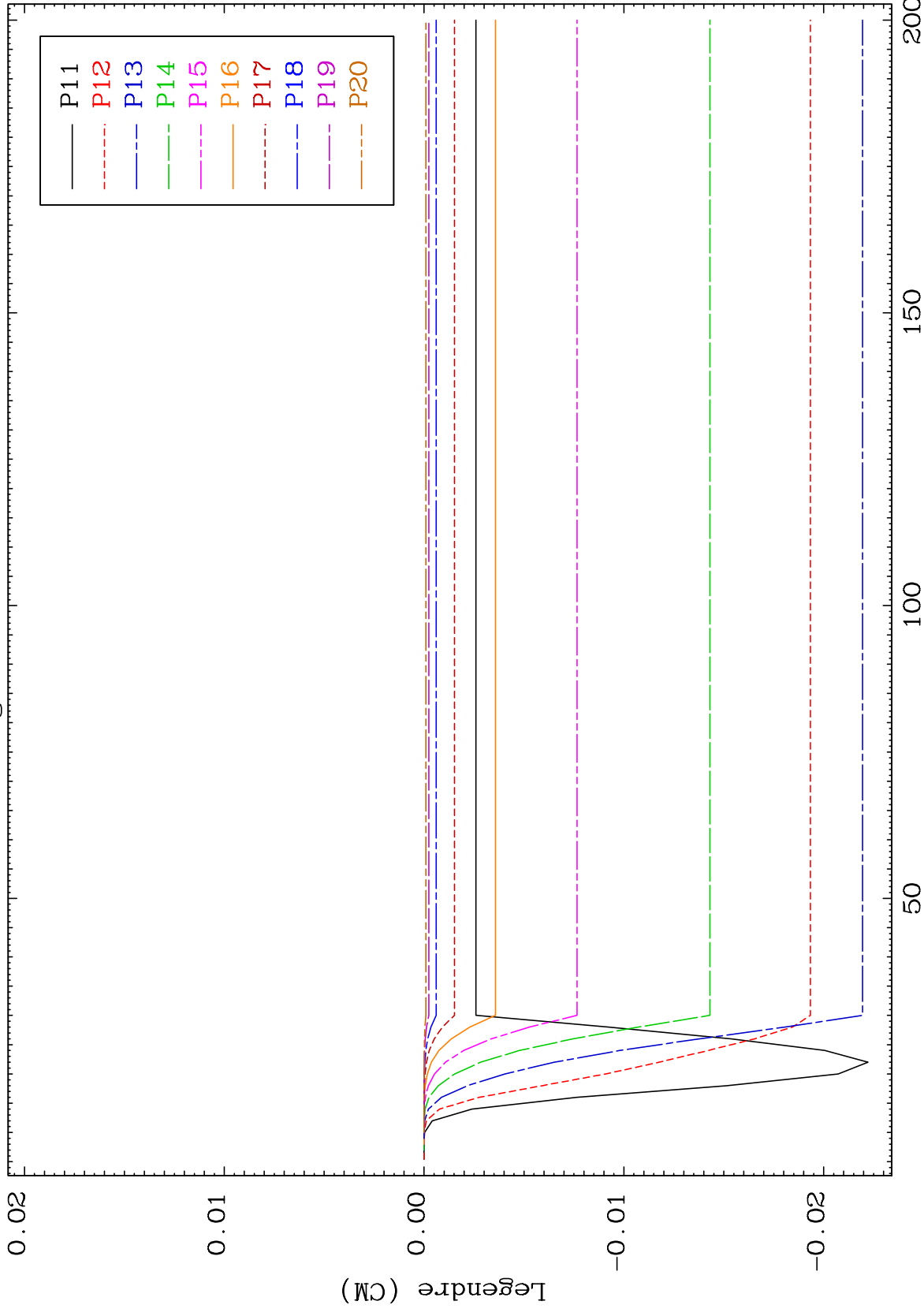


95 22-Ti-48

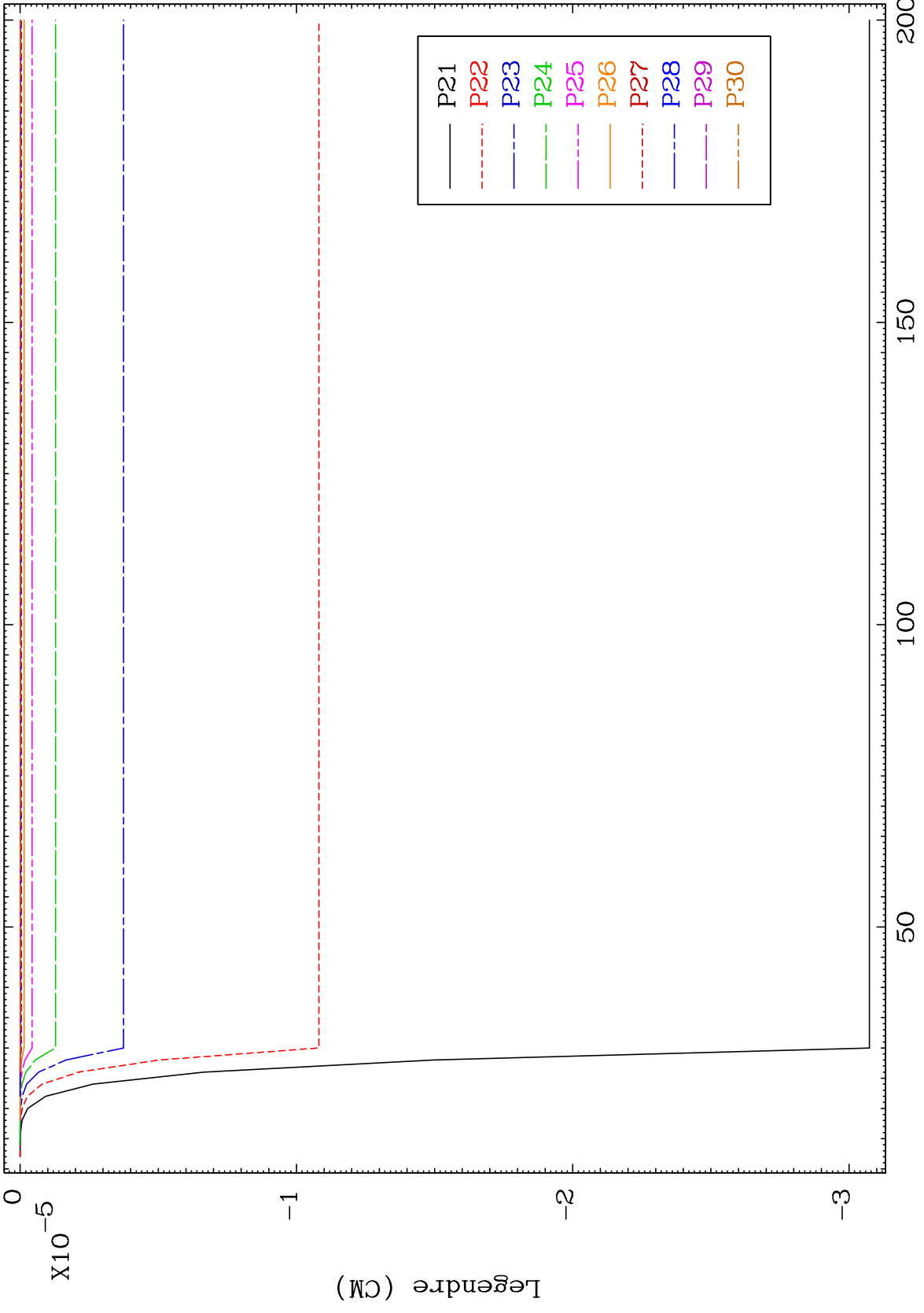
MAT 2231 MT= 77 (n,n') Level Legendre Coefficients 22-Ti-48



MAT 2231 MT= 77 (n,n') Level Legendre Coefficients 22-Ti-48

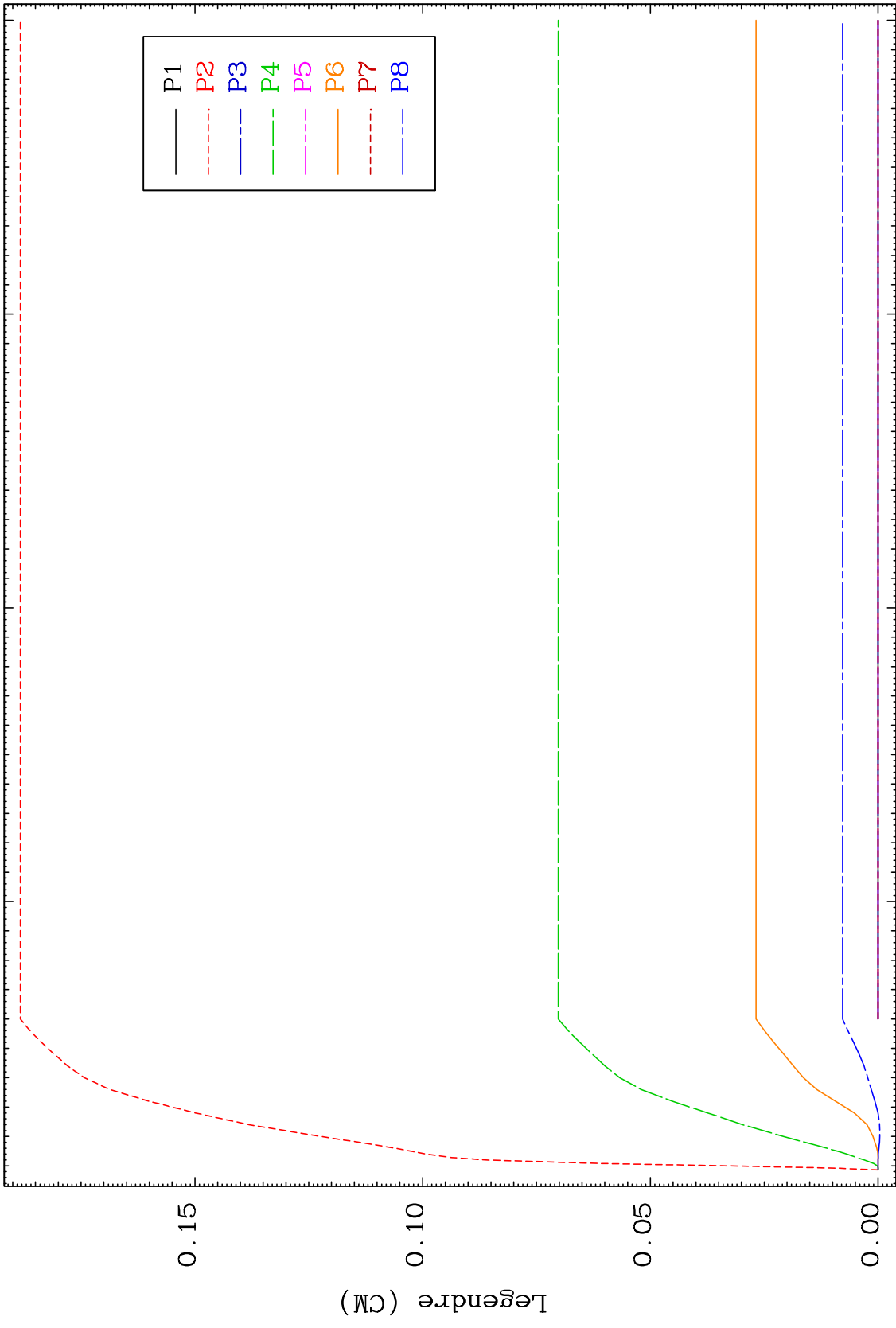


MAT 2231 MT= 77 (n,n') Level Legendre Coefficients 22-Ti-48



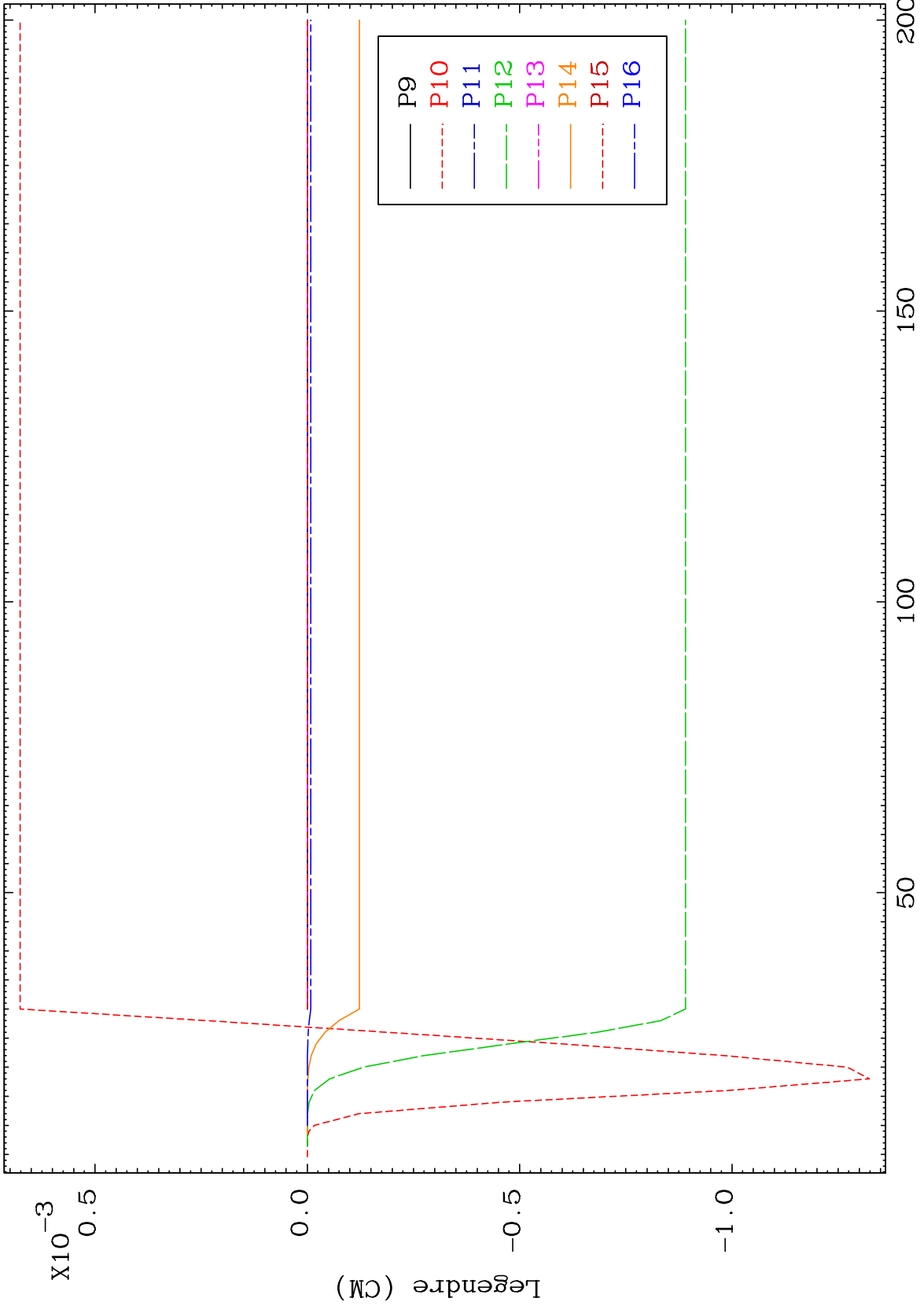
98 22-Ti-48

MAT 2231 MT= 78 (n,n') Level Legendre Coefficients 22-Ti-48

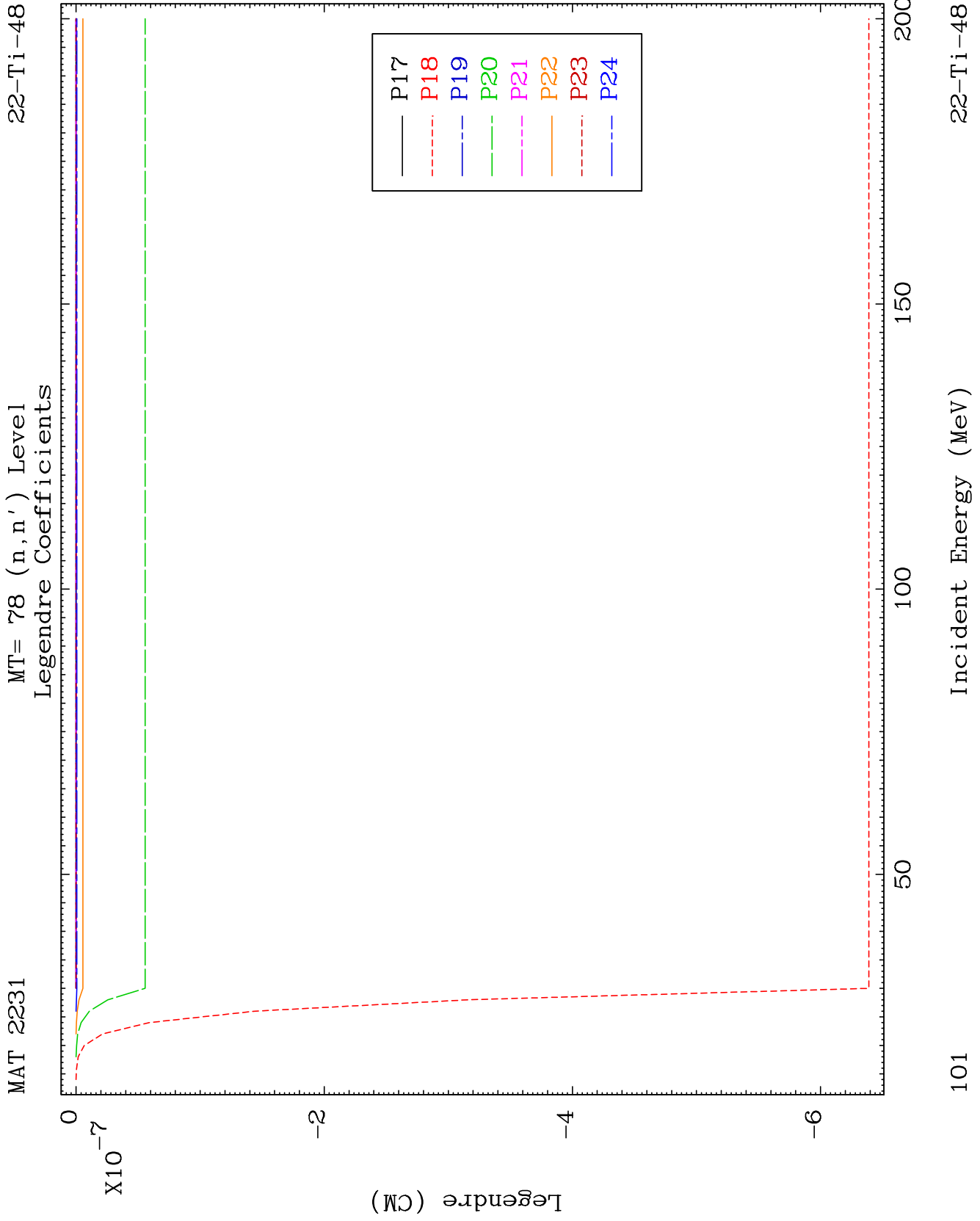


99 Incident Energy (MeV) 22-Ti-48

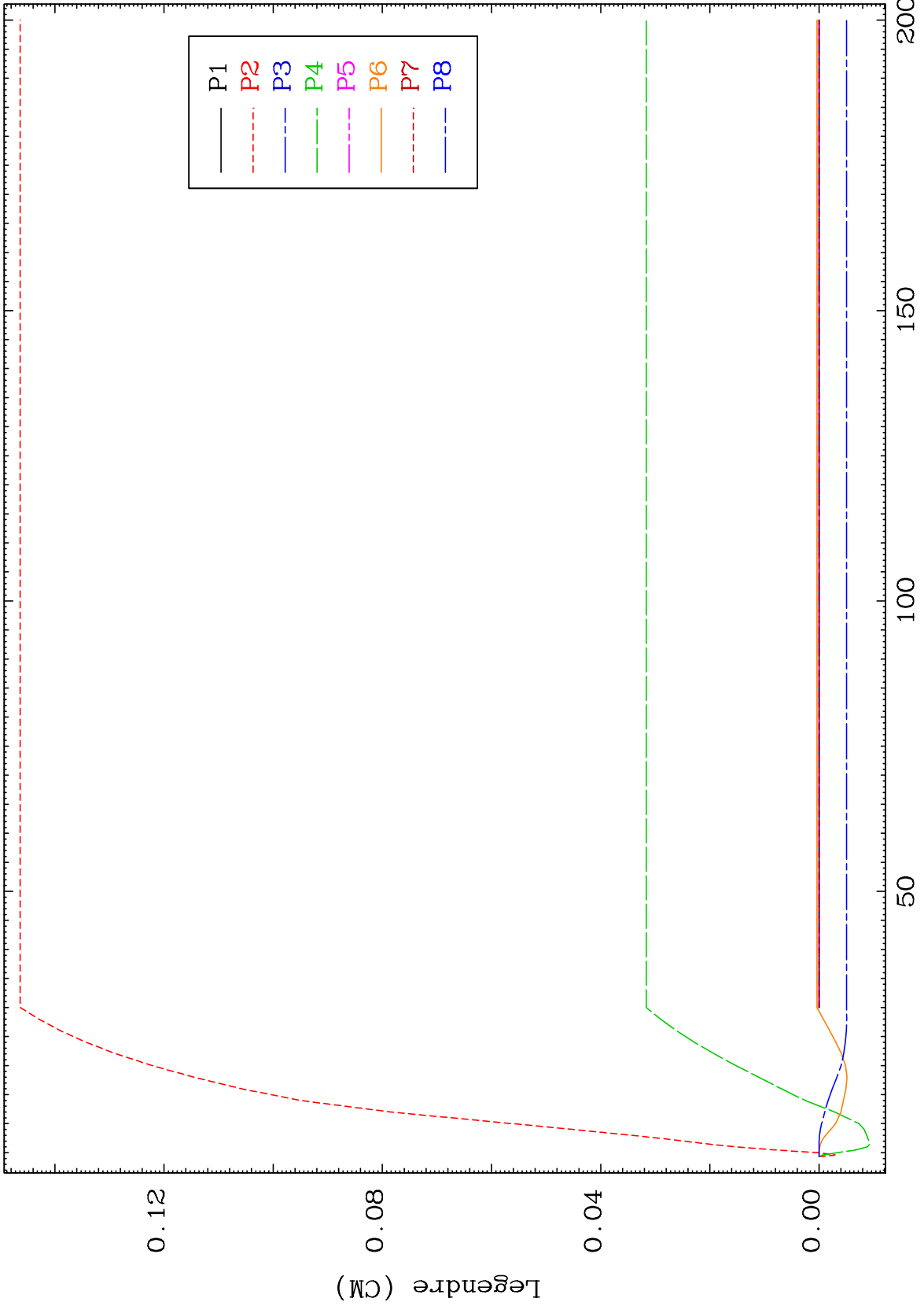
MAT 2231 MT= 78 (n,n') Level Legendre Coefficients 22-Ti-48



Incident Energy (MeV) 22-Ti-48

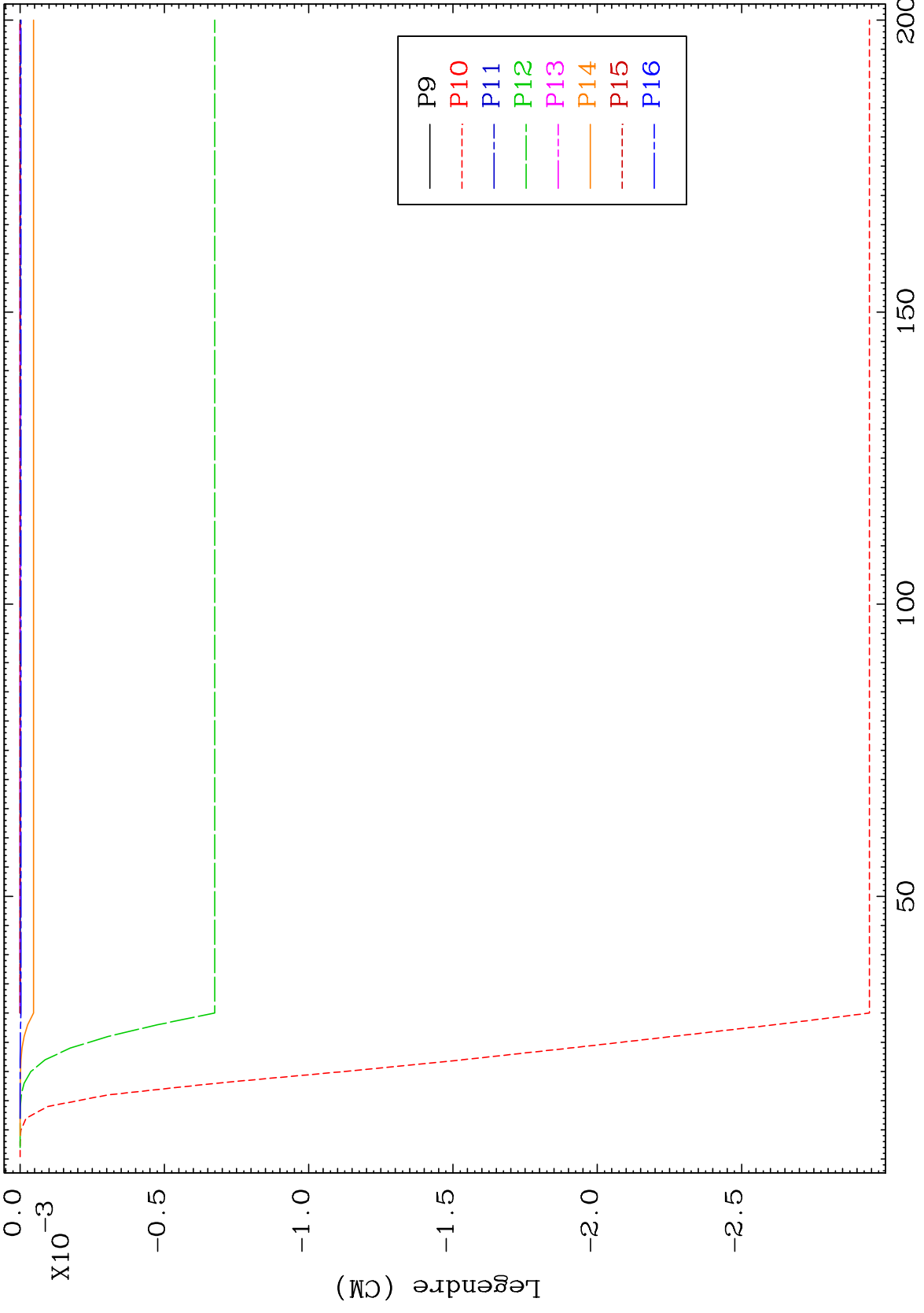


MAT 2231 MT= 79 (n,n') Level Legendre Coefficients 22-Ti-48



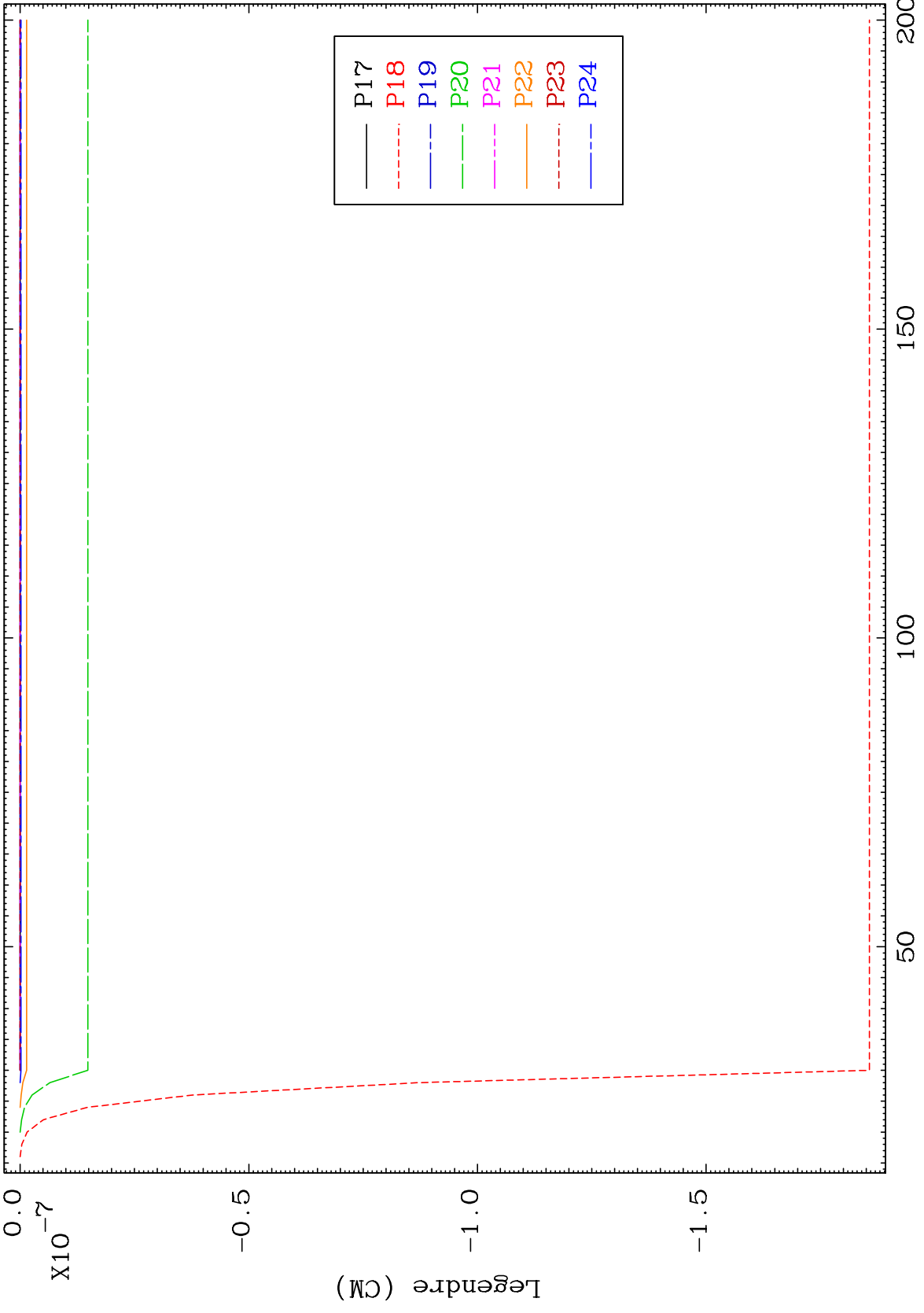
Legendre (CM) Incident Energy (MeV) 22-Ti-48

MAT 2231 MT= 79 (n,n') Level Legendre Coefficients 22-Ti-48



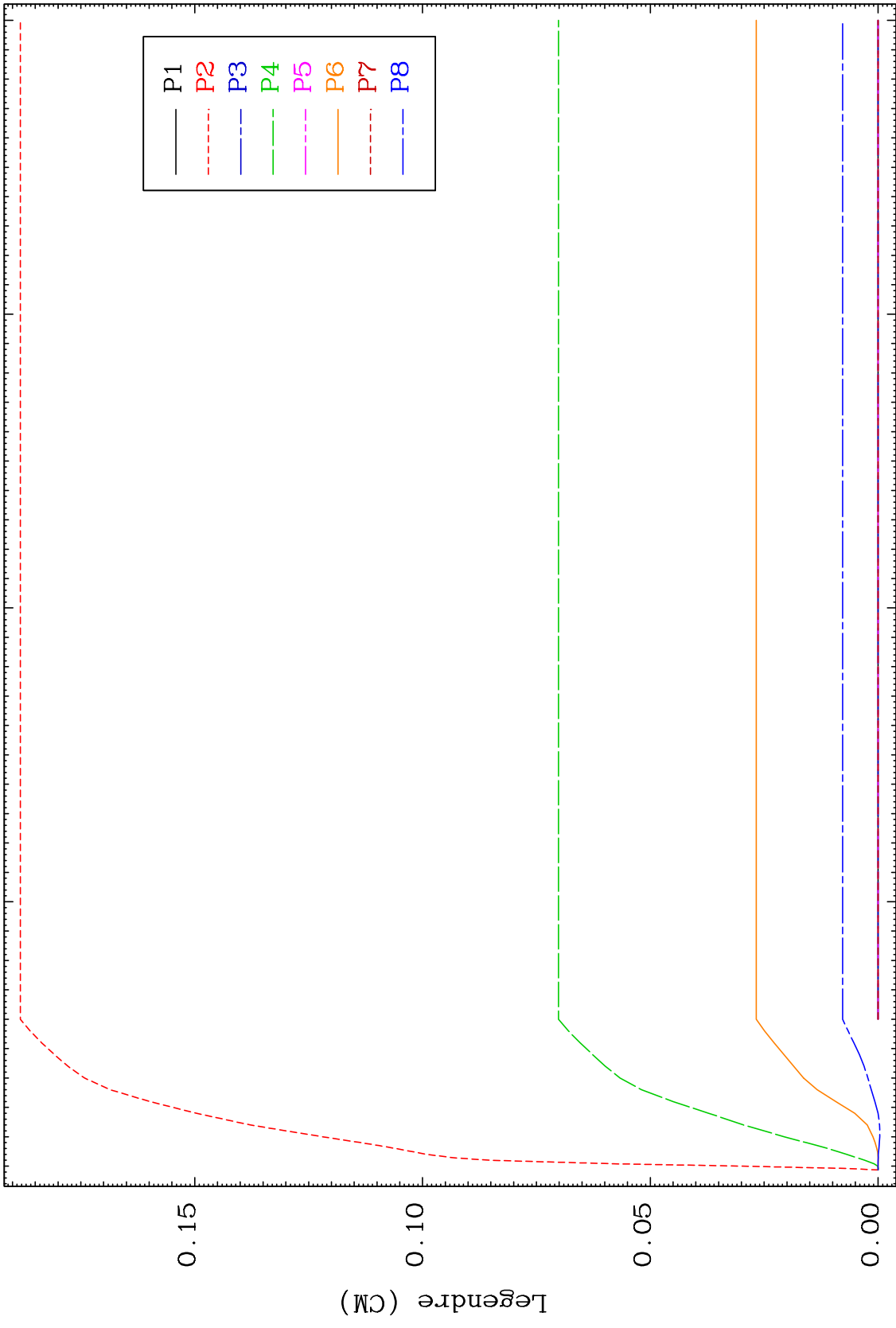
103 Incident Energy (MeV) 22-Ti-48

MAT 2231 MT= 79 (n,n') Level Legendre Coefficients 22-Ti-48



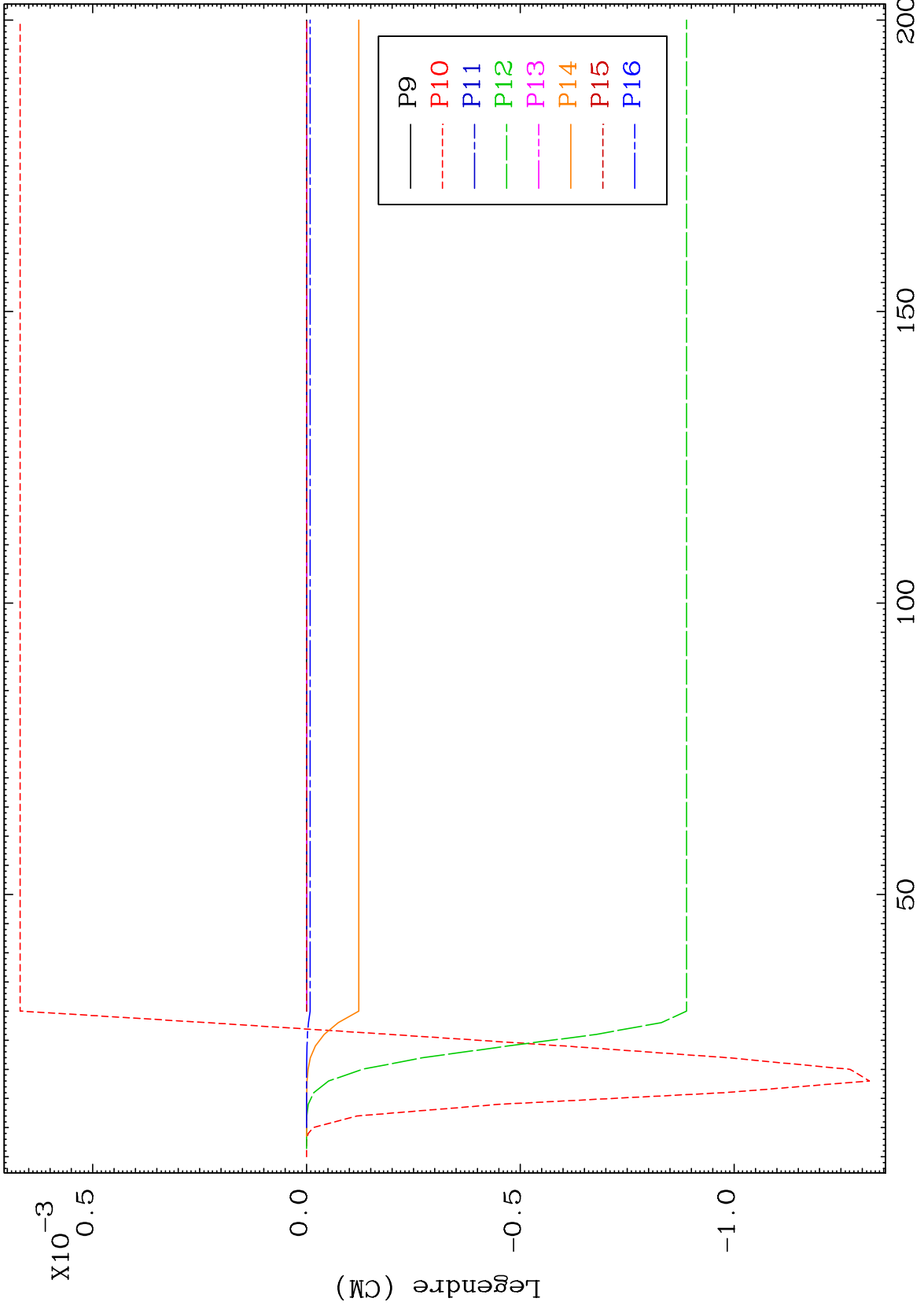
104 22-Ti-48

MAT 2231 MT= 80 (n,n') Level Legendre Coefficients 22-Ti-48



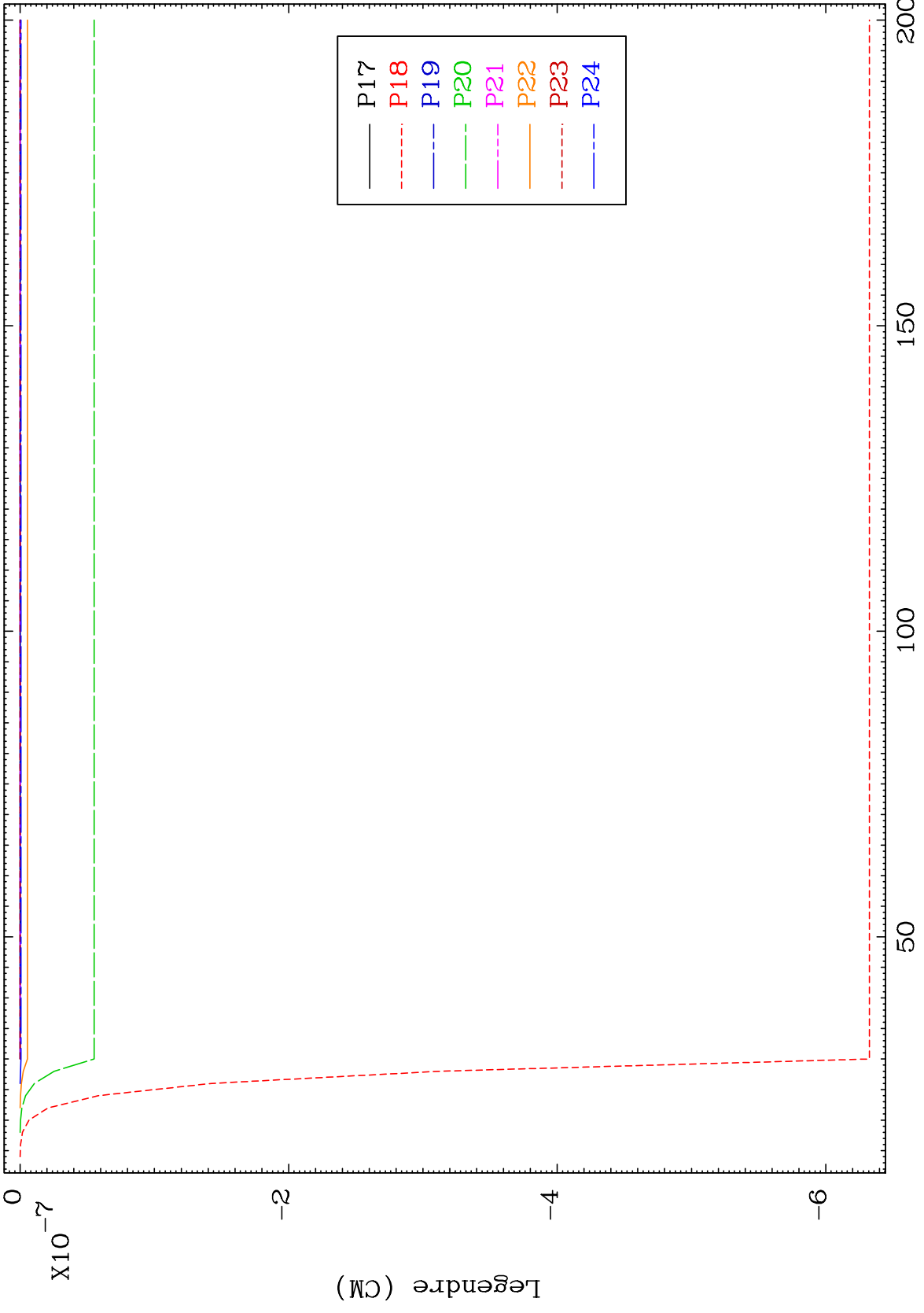
Incident Energy (MeV) 22-Ti-48

MAT 2231 MT= 80 (n,n') Level Legendre Coefficients 22-Ti-48



106 Incident Energy (MeV) 22-Ti-48

MAT 2231 MT= 80 (n,n') Level Legendre Coefficients 22-Ti-48

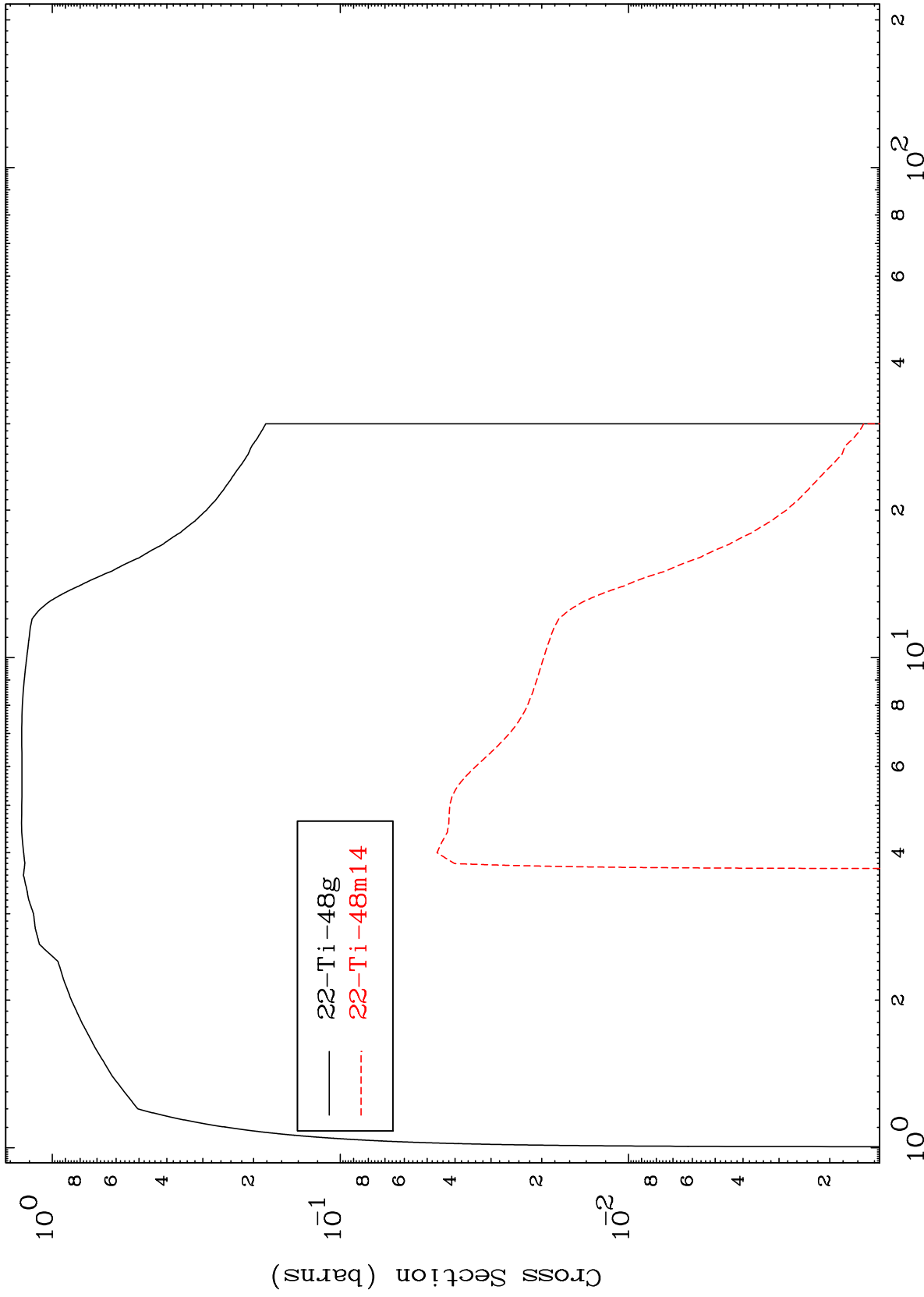


107 22-Ti-48

MAT 2231

Inelastic
Radionuclide Production Cross Section

²²Ti-48



Incident Energy (MeV)

²²Ti-48

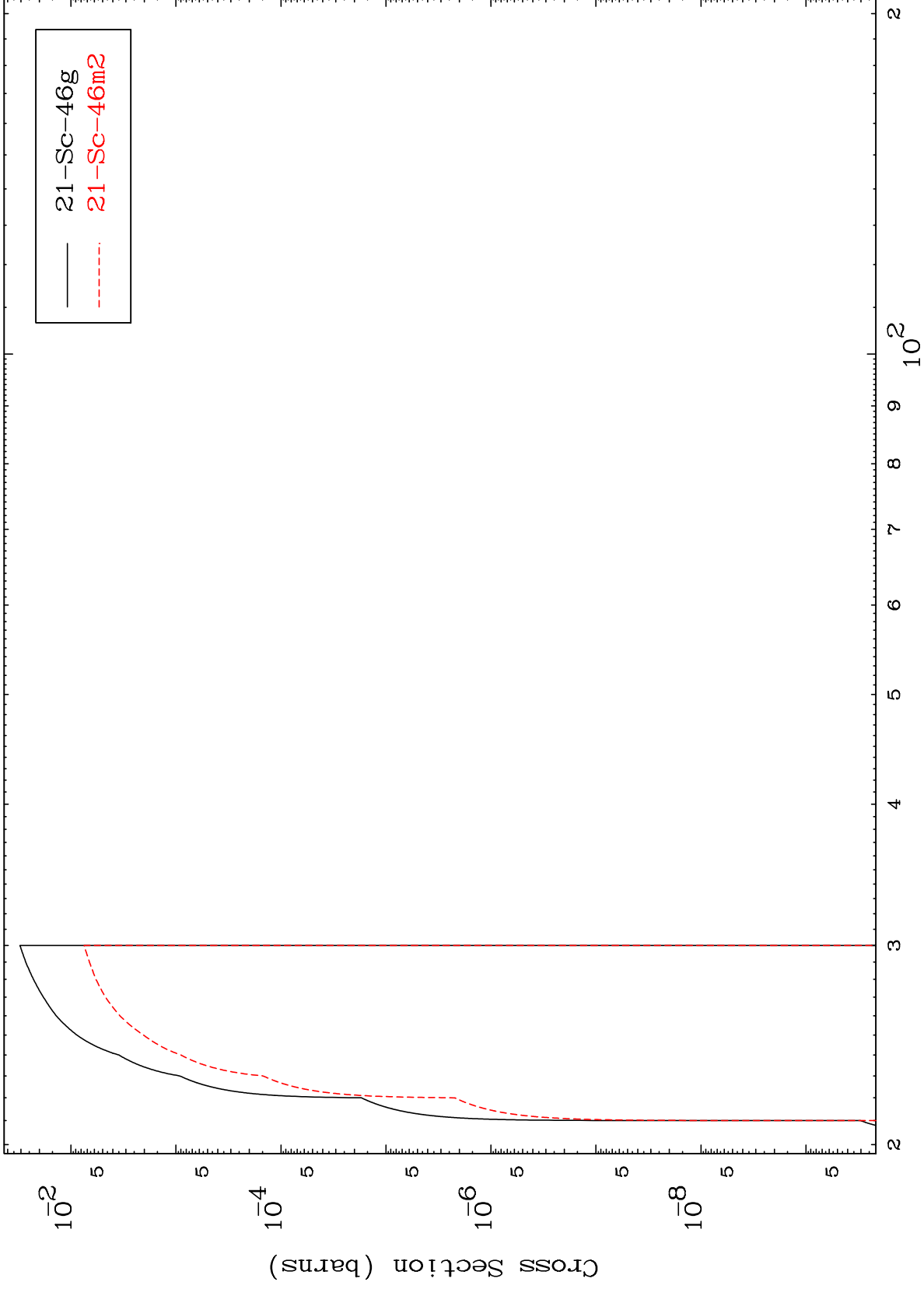
108

MAT 2231

(n,n') d

22-Ti-48

Radionuclide Production Cross Section



109

Incident Energy (MeV)

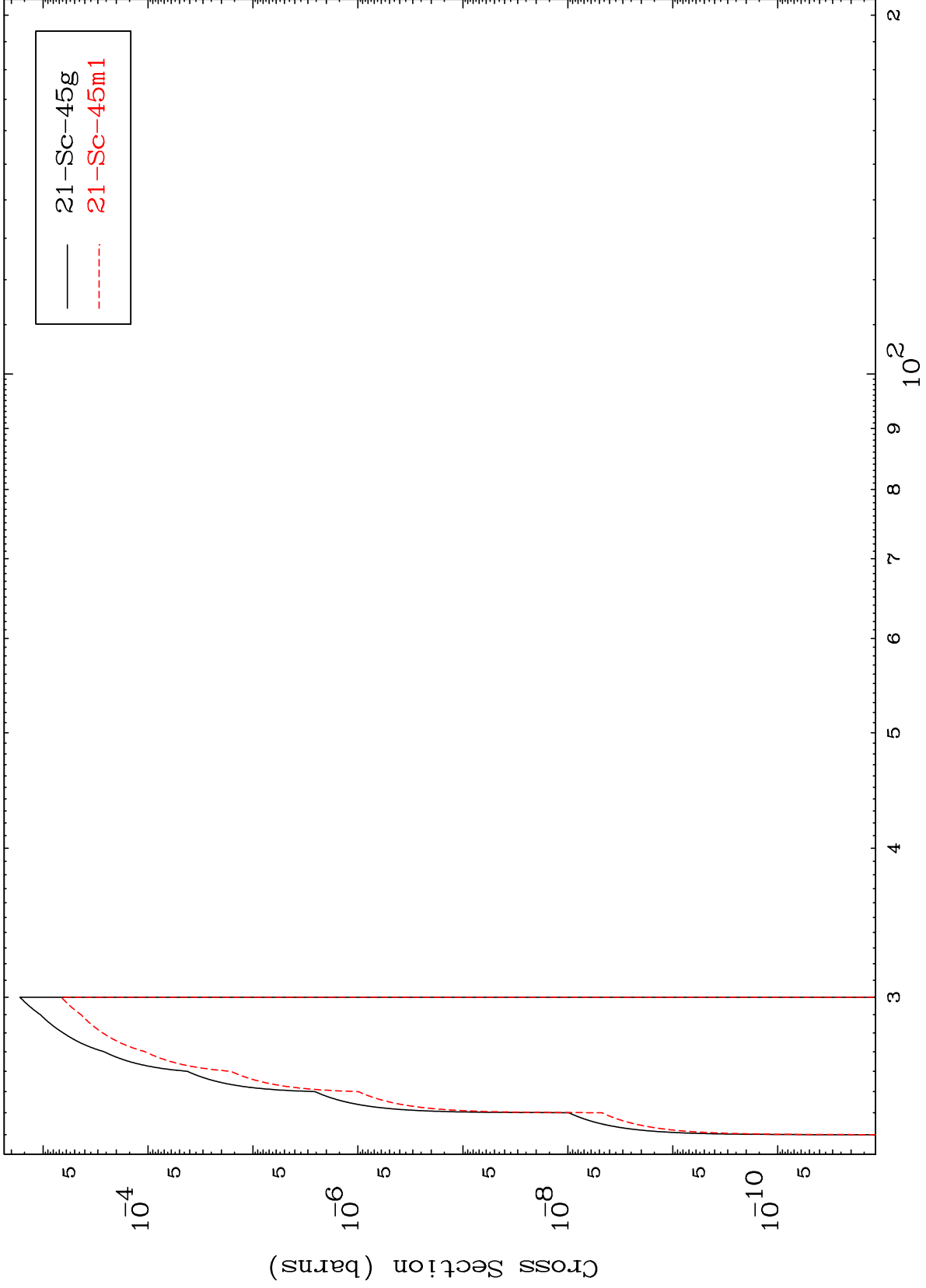
22-Ti-48

MAT 2231

(n,n') t

²²Ti-48

Radionuclide Production Cross Section



110

Incident Energy (MeV)

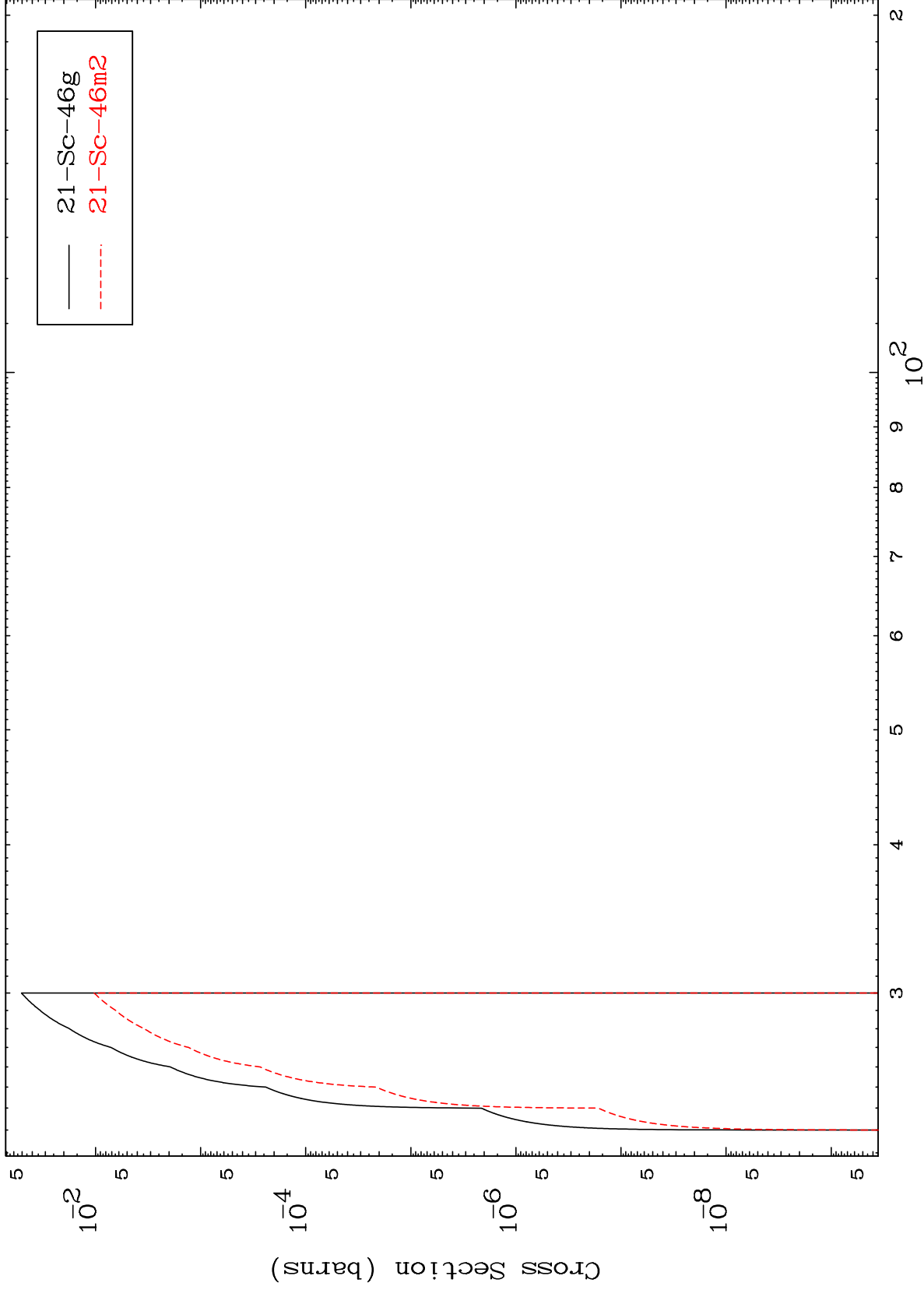
²²Ti-48

MAT 2231

(n,2n) p

²²Ti-48

Radionuclide Production Cross Section



111

Incident Energy (MeV)

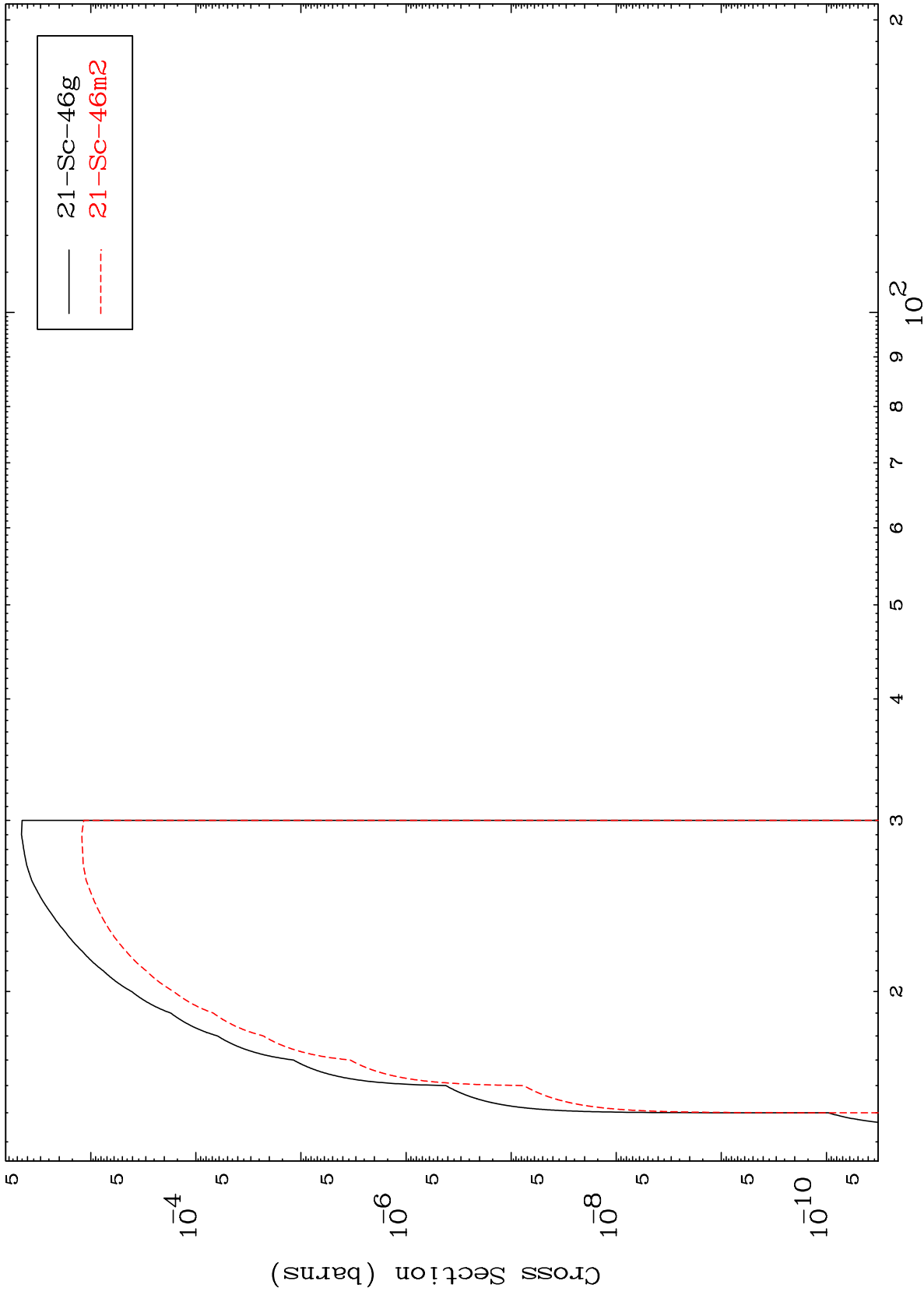
²²Ti-48

MAT 2231

(n, t)

22-Ti-48

Radionuclide Production Cross Section



112

Incident Energy (MeV)

22-Ti-48