

Program EVALPLOT
(Version 2018-1)

by

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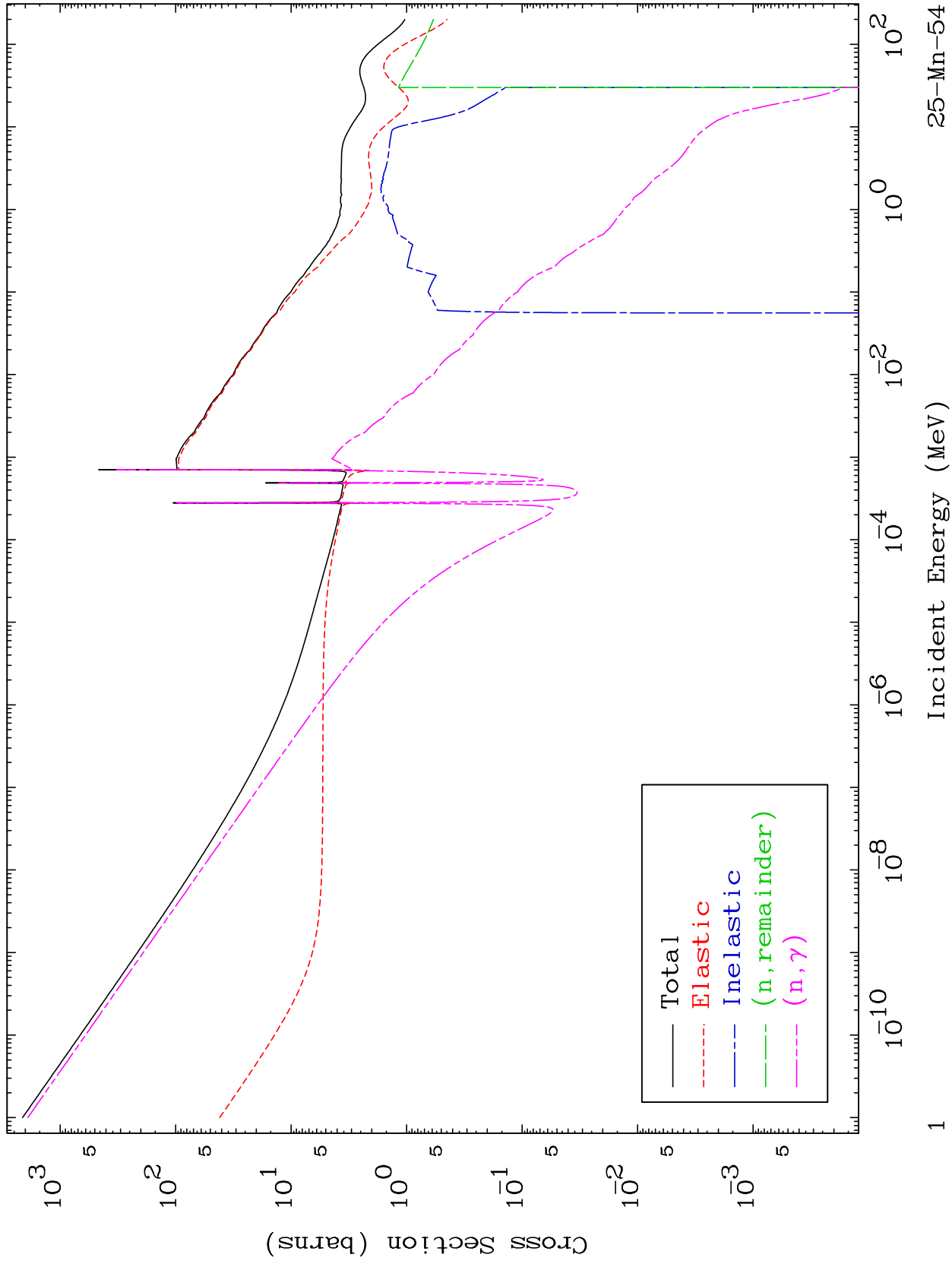
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2522

Major
293 Kelvin Cross Sections

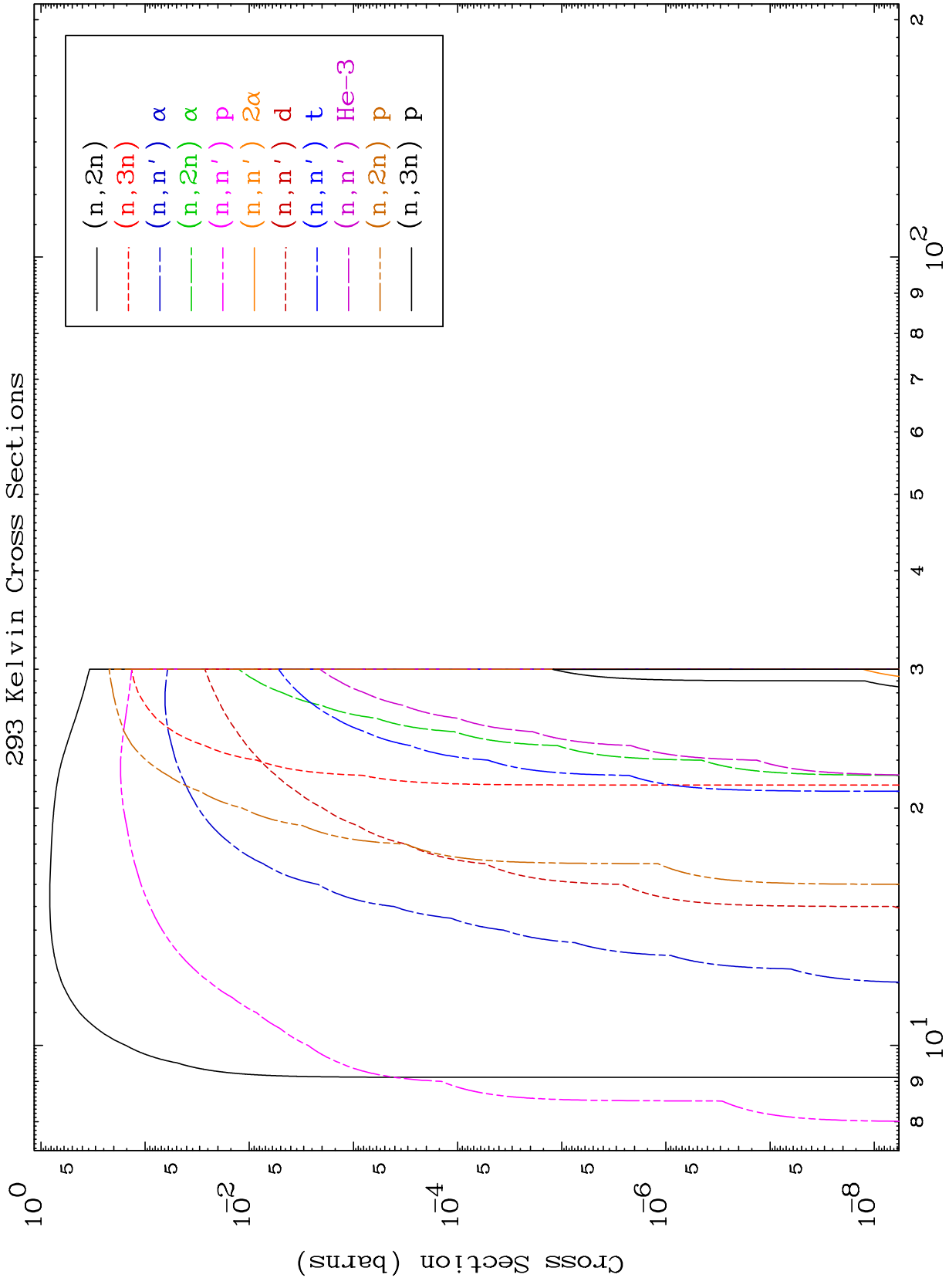
25-Mn-54



MAT 2522

Neutron Production
293 Kelvin Cross Sections

25-Mn-54



2

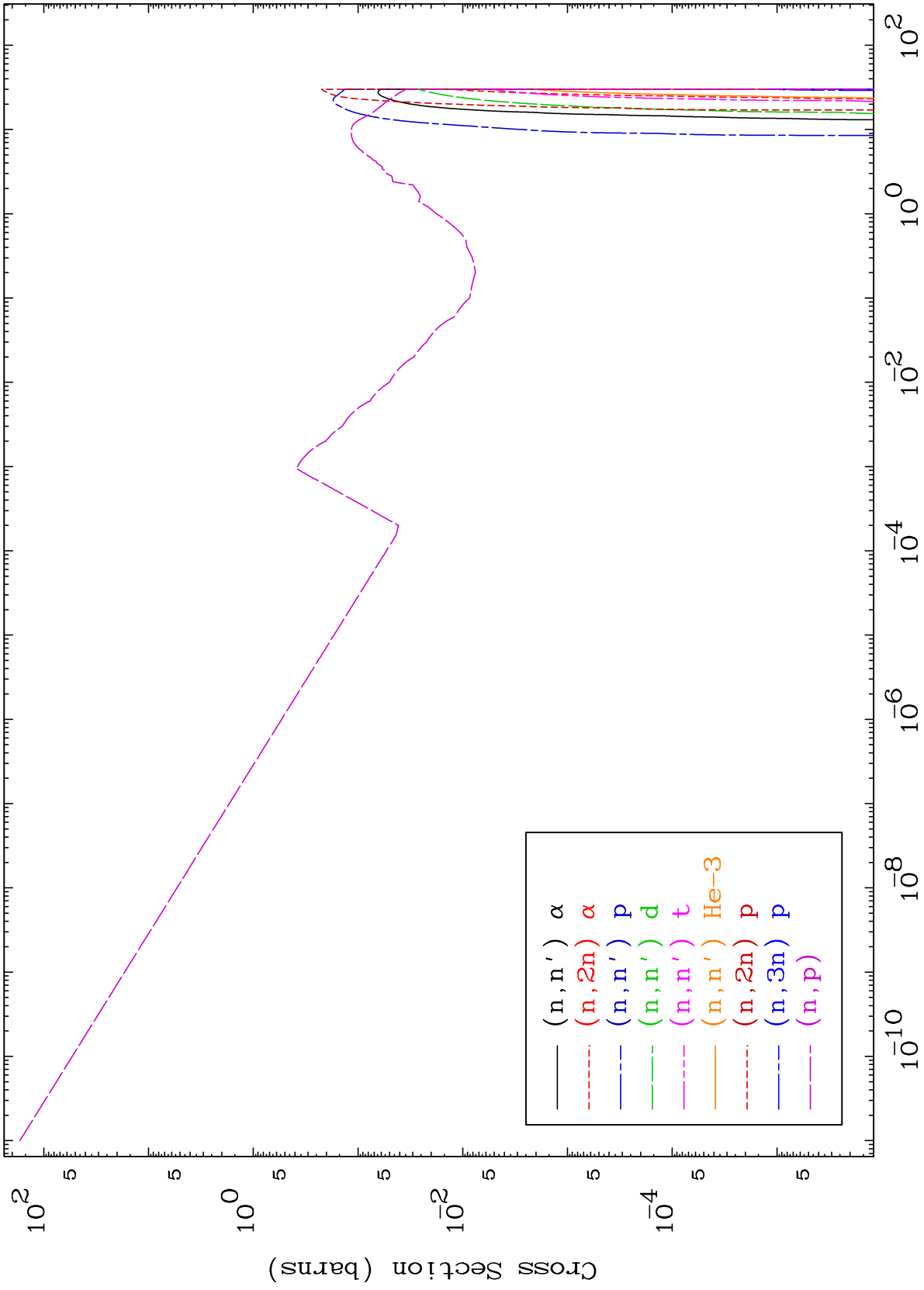
Incident Energy (MeV)

25-Mn-54

MAT 2522

293 Kelvin Cross Sections

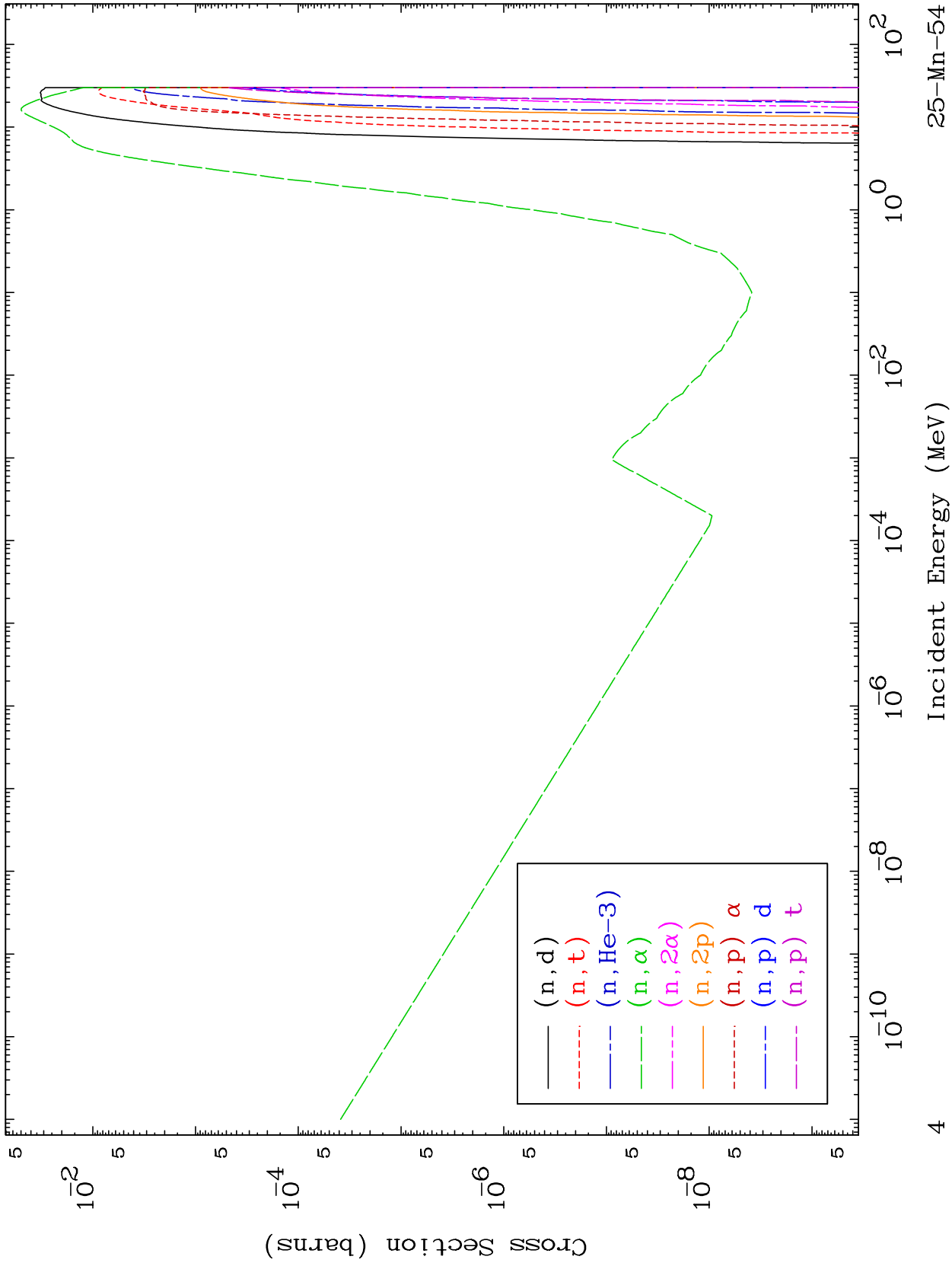
25-Mn-54



MAT 2522

Charged Particle
293 Kelvin Cross Sections

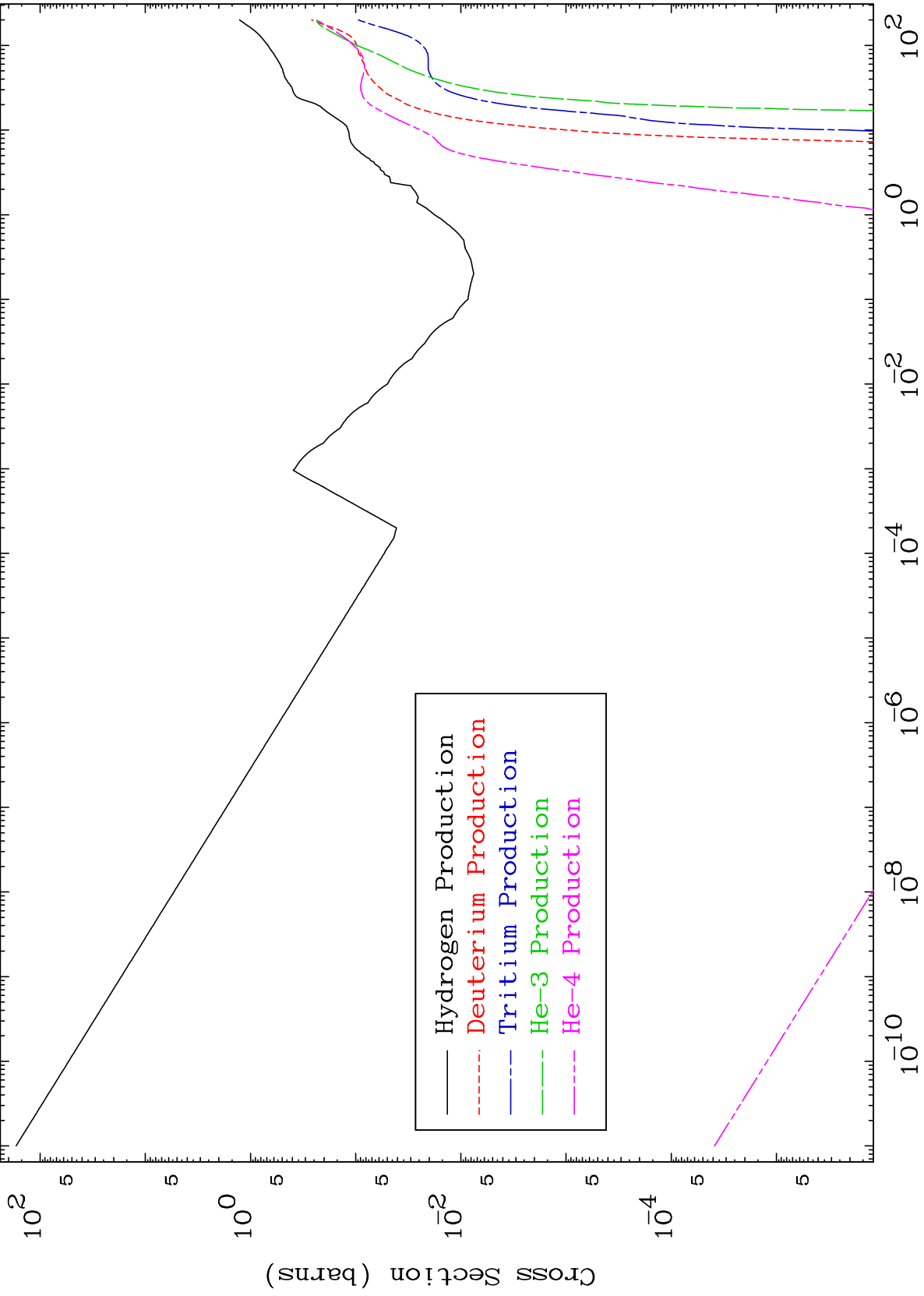
25-Mn-54



MAT 2522

Particle Production
293 Kelvin Cross Sections

25-Mn-54

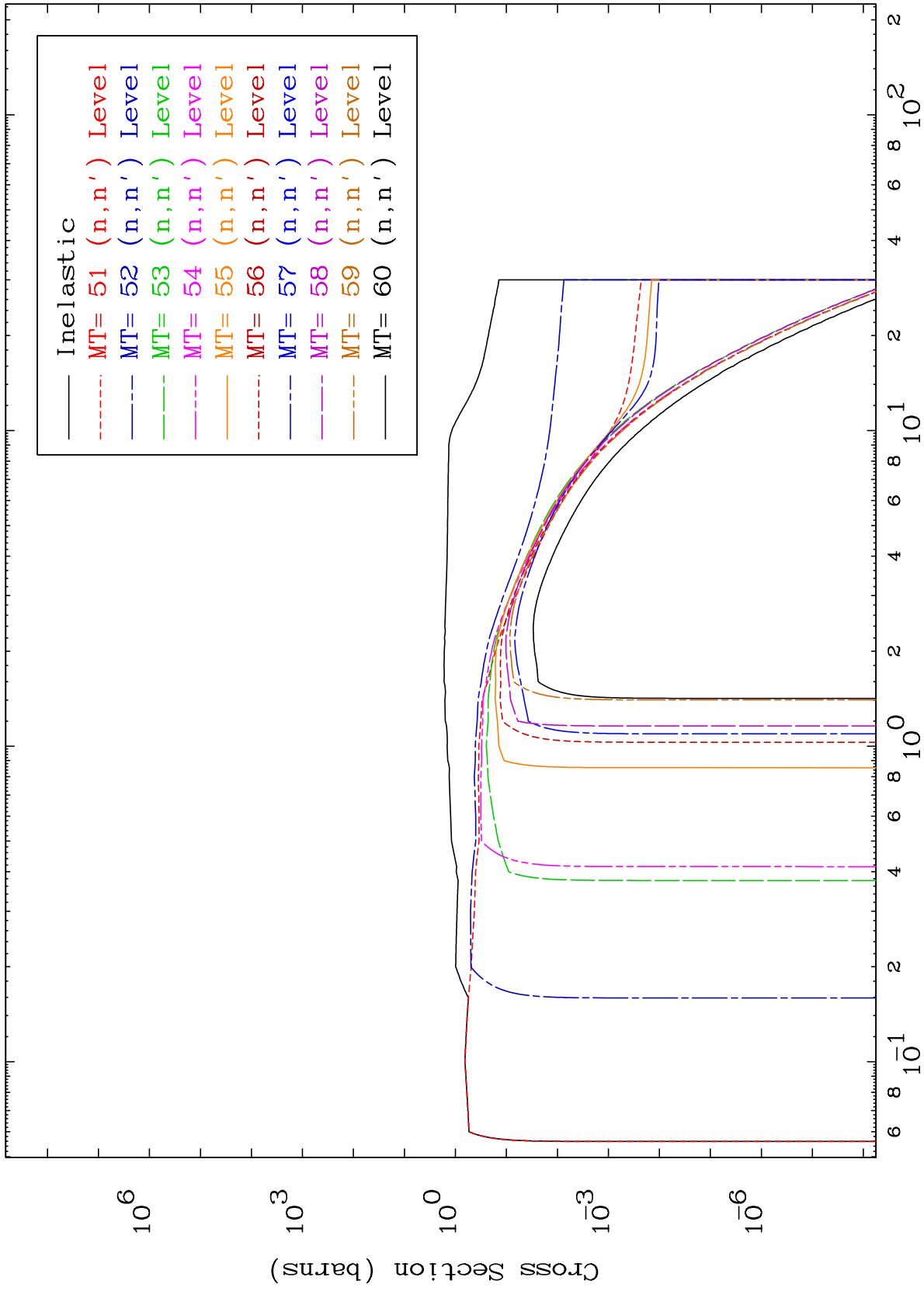


MAT 2522

(n,n') Level

25-Mn-54

293 Kelvin Cross Sections



6

Incident Energy (MeV)

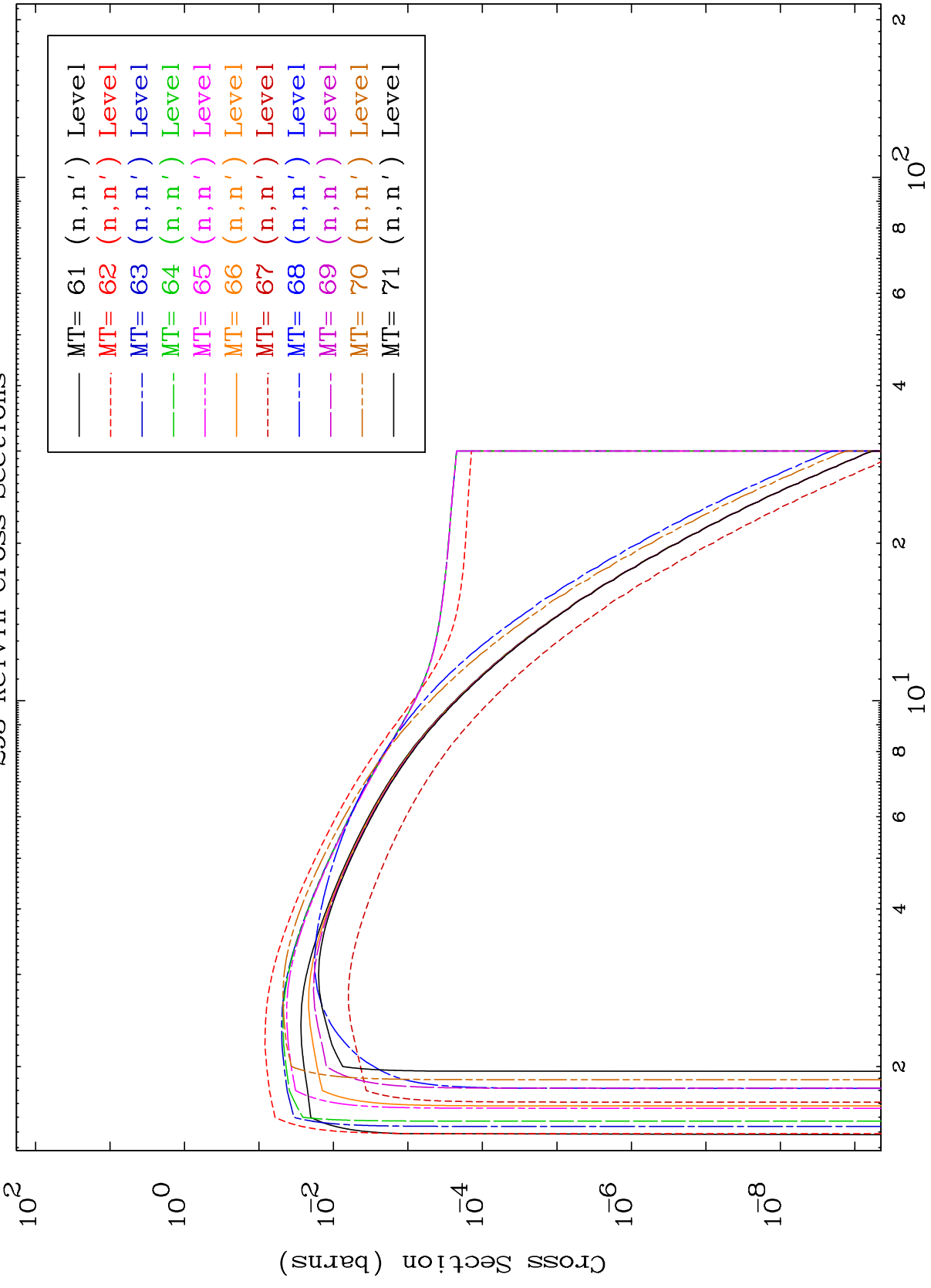
25-Mn-54

MAT 2522

(n,n') Level

25-Mn-54

293 Kelvin Cross Sections



7

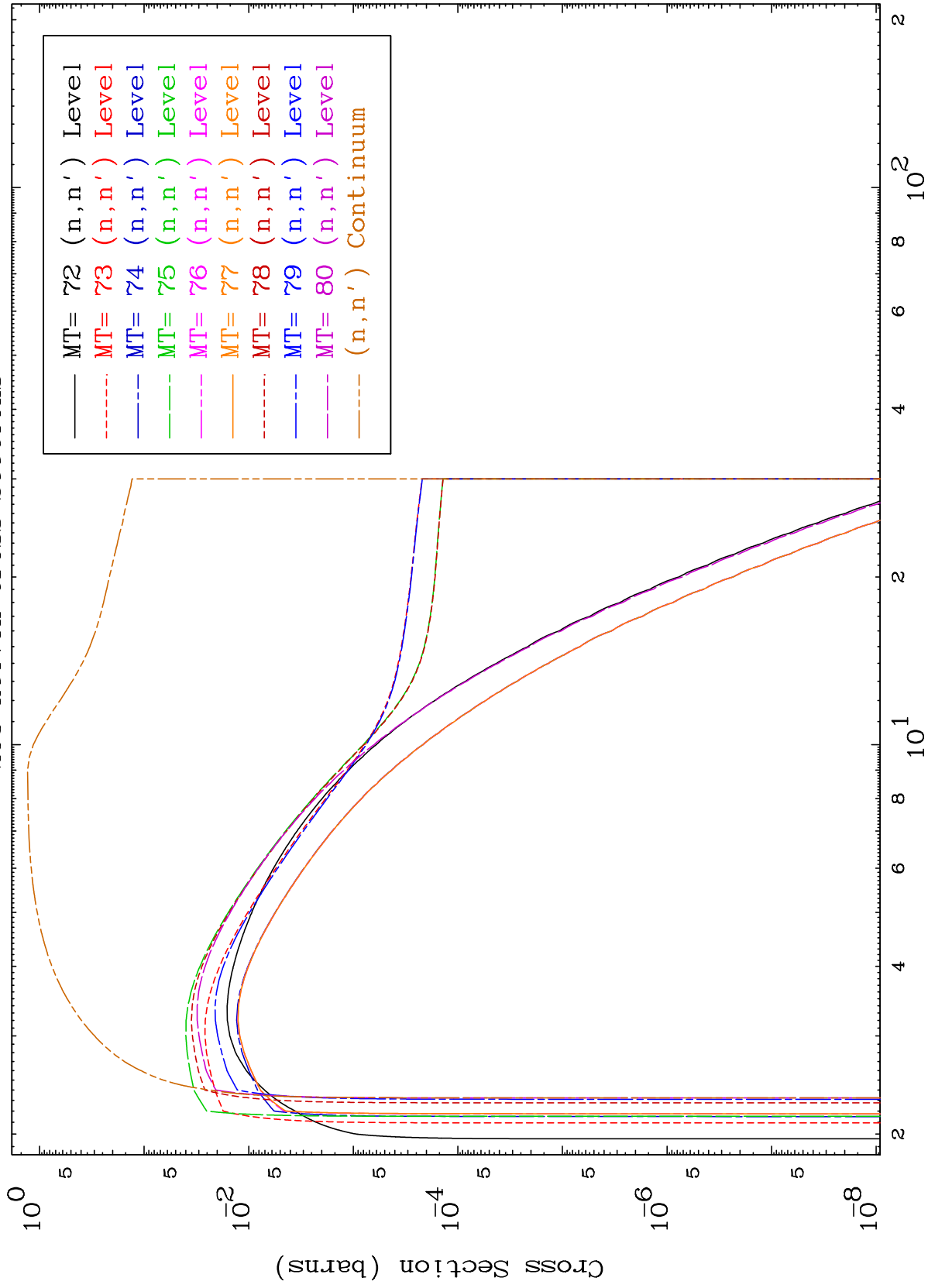
Incident Energy (MeV)

25-Mn-54

MAT 2522

(n,n') Level
293 Kelvin Cross Sections

25-Mn-54



8

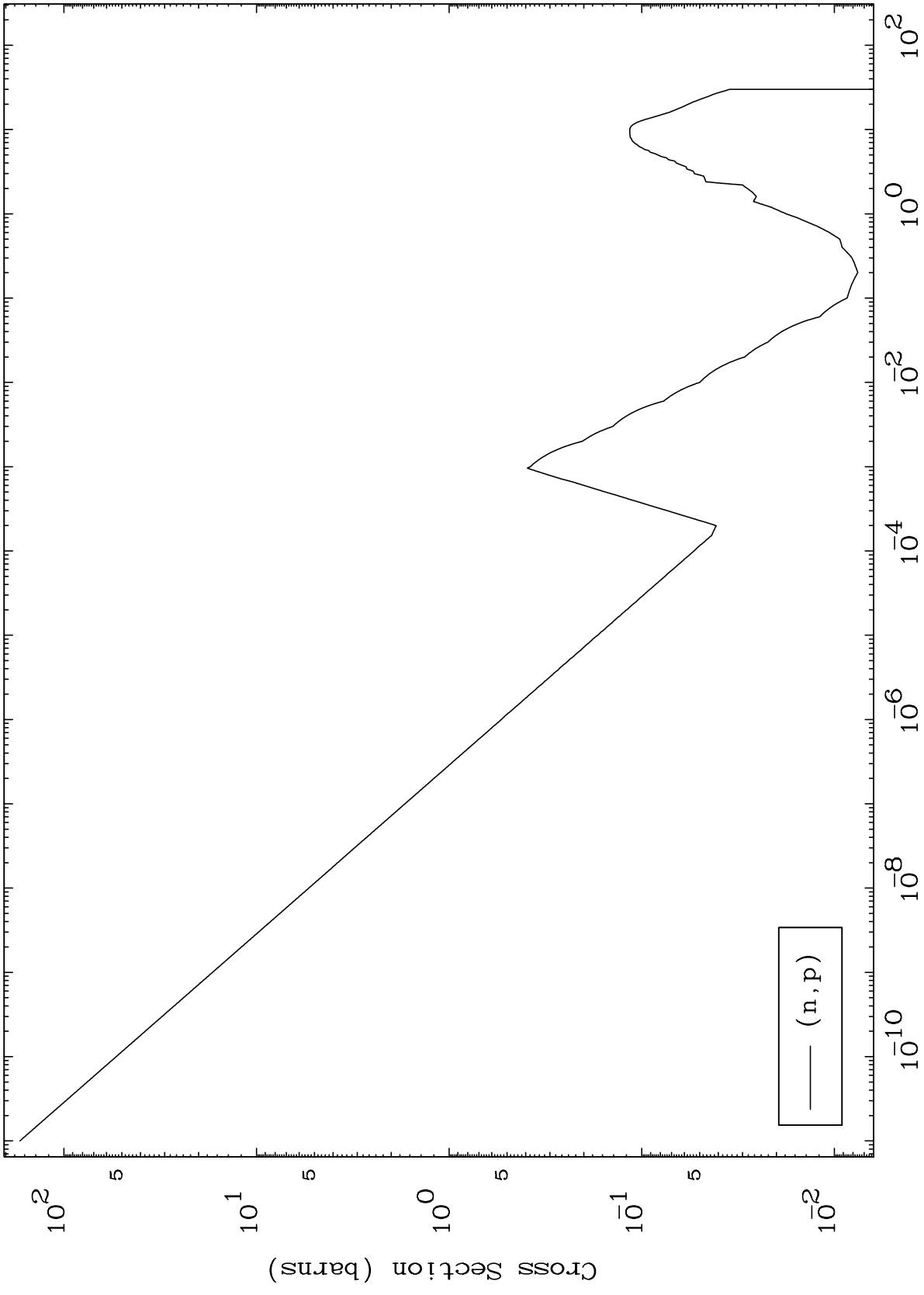
Incident Energy (MeV)

25-Mn-54

MAT 2522

(n,p) Levels
293 Kelvin Cross Sections

25-Mn-54



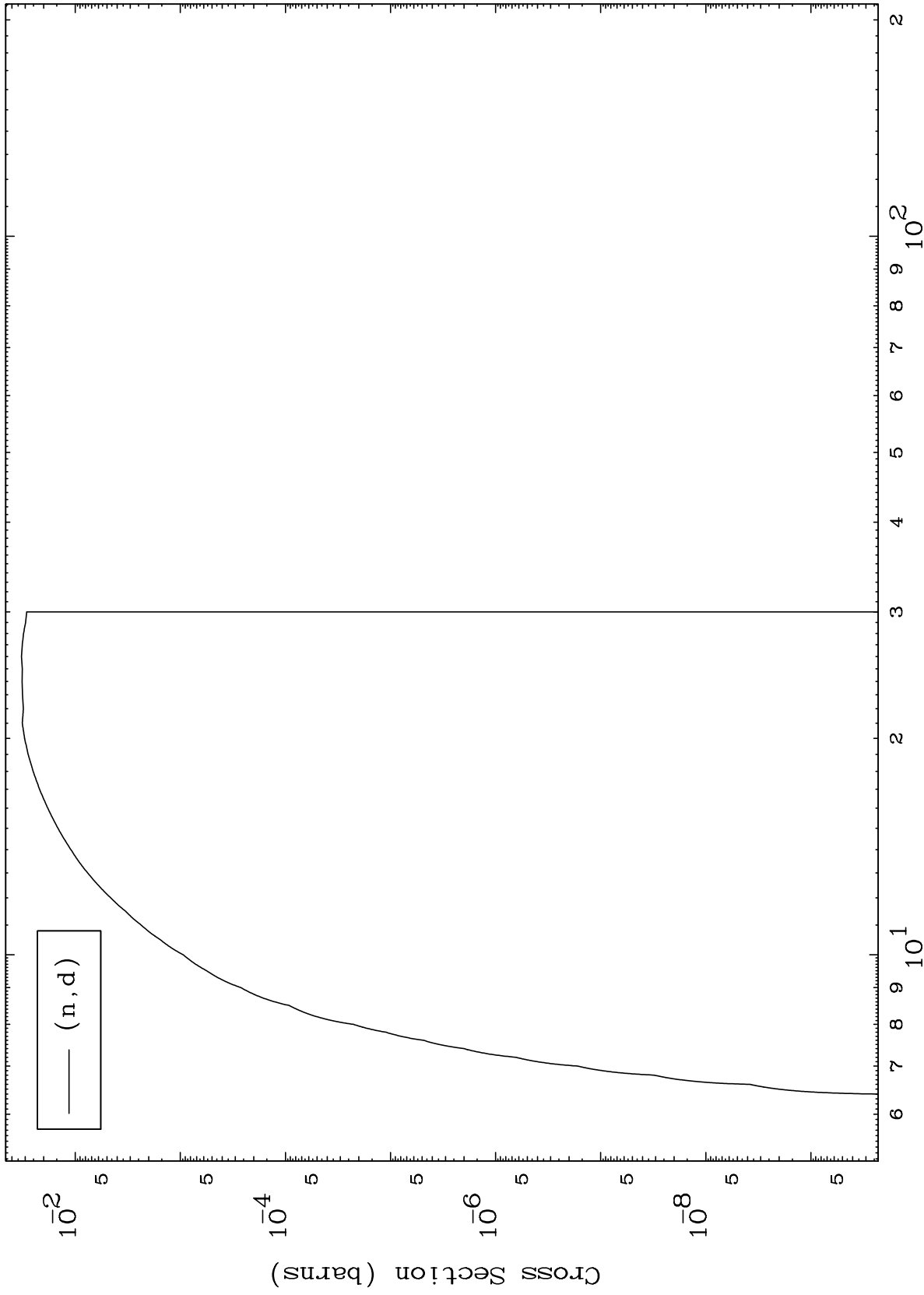
— (n, p)

25-Mn-54

MAT 2522

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-54



10

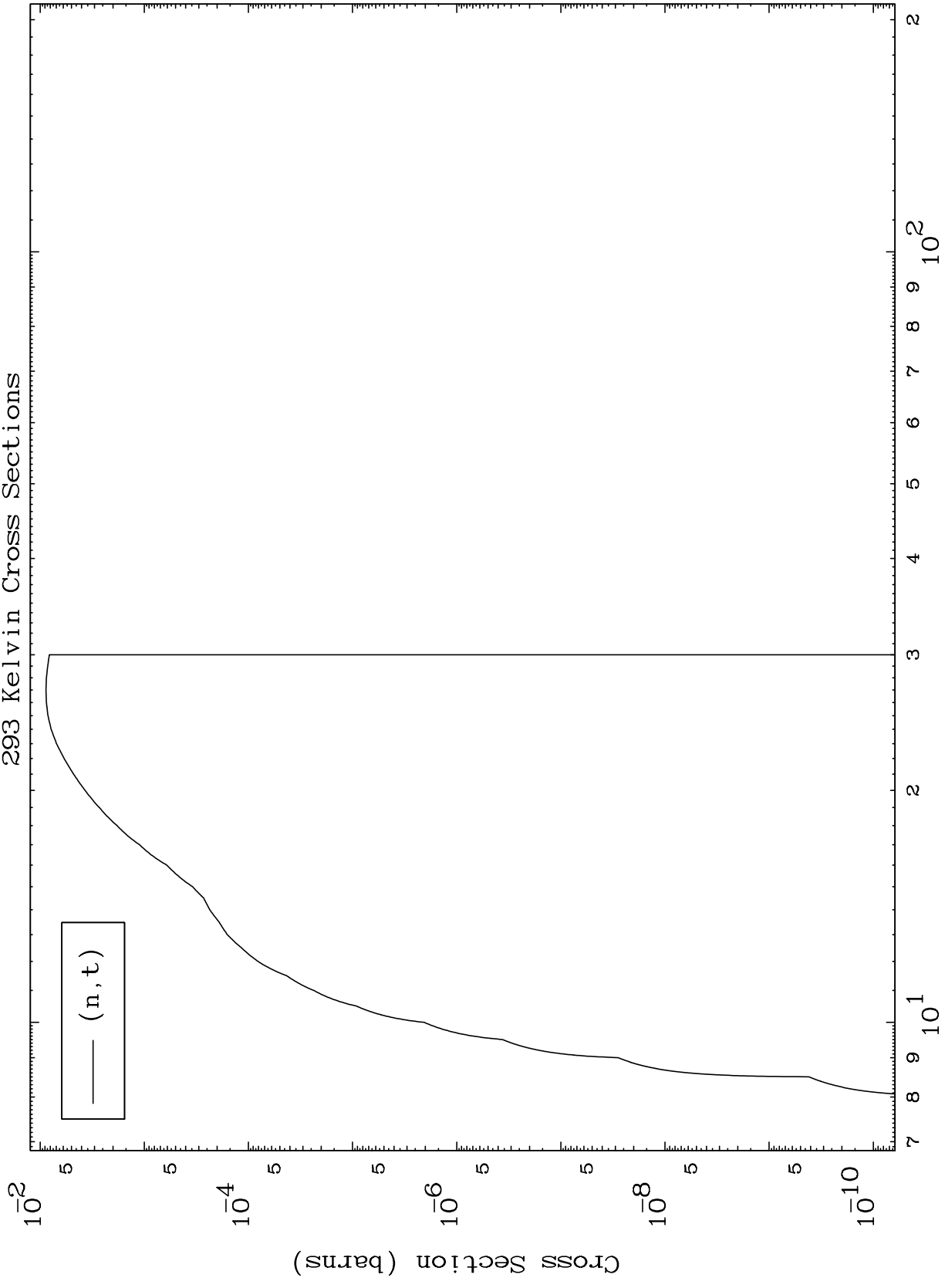
Incident Energy (MeV)

25-Mn-54

MAT 2522

(n,t) Levels
293 Kelvin Cross Sections

25-Mn-54



11

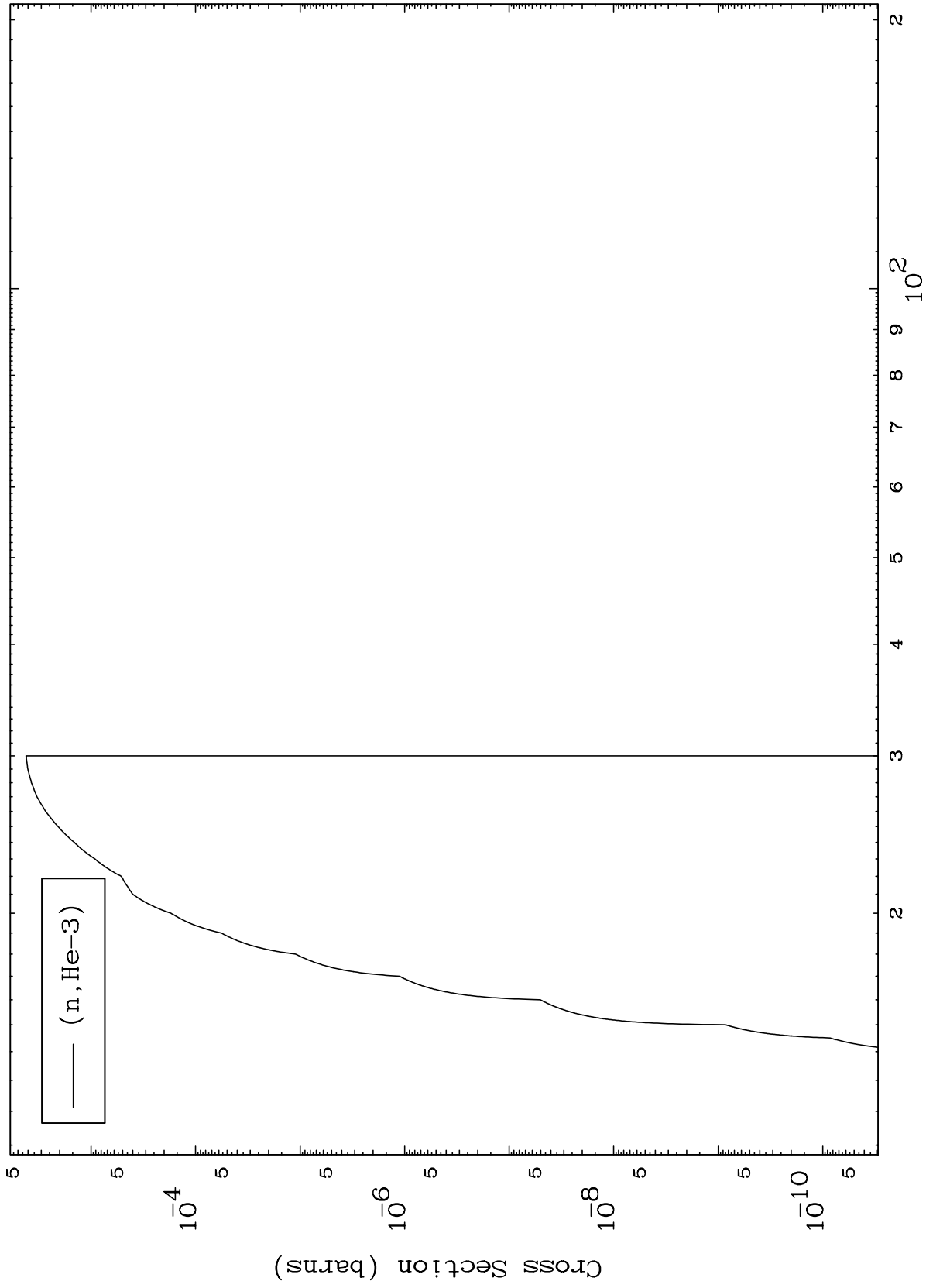
Incident Energy (MeV)

25-Mn-54

MAT 2522

(n,He3) Levels
293 Kelvin Cross Sections

25-Mn-54



12

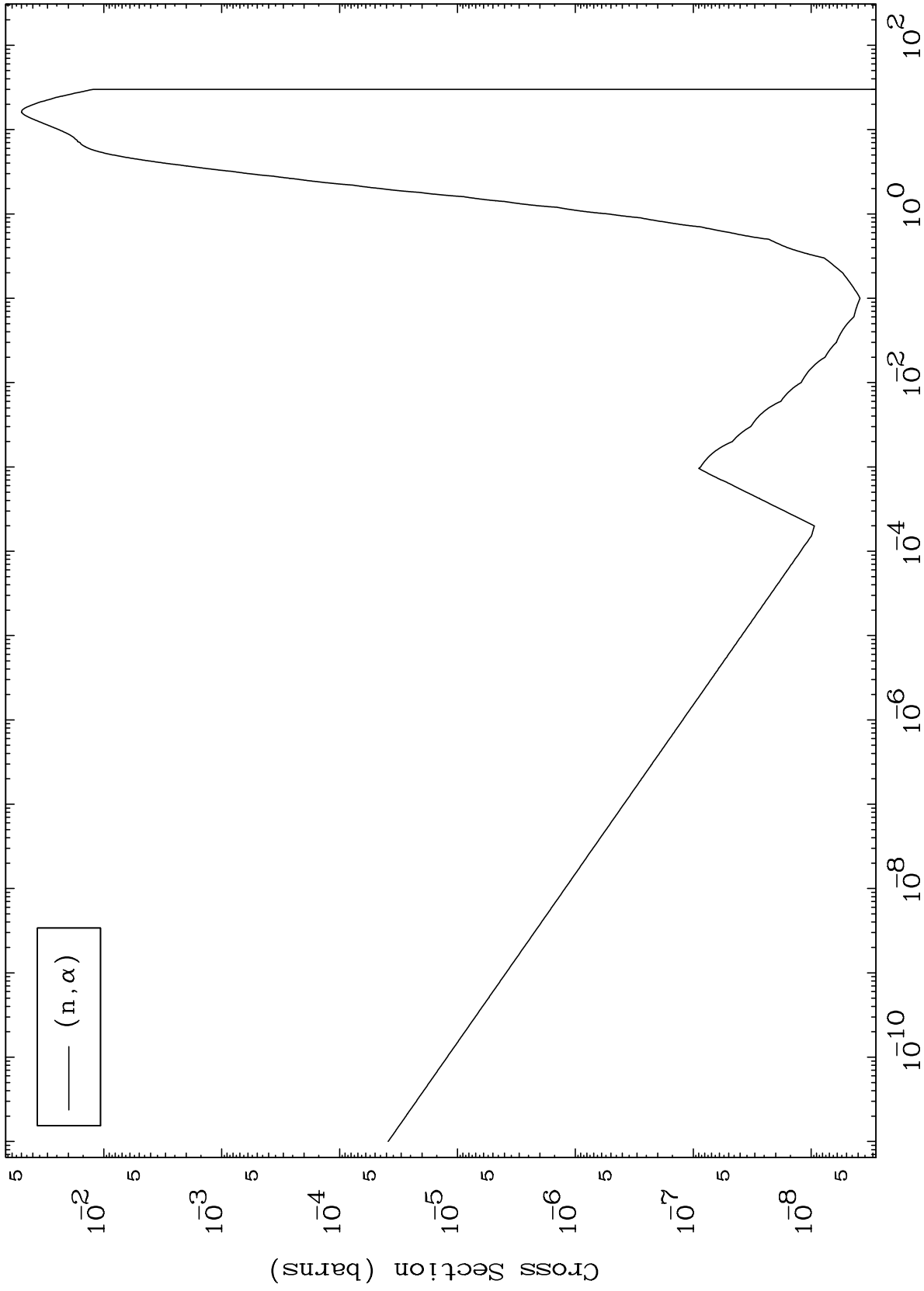
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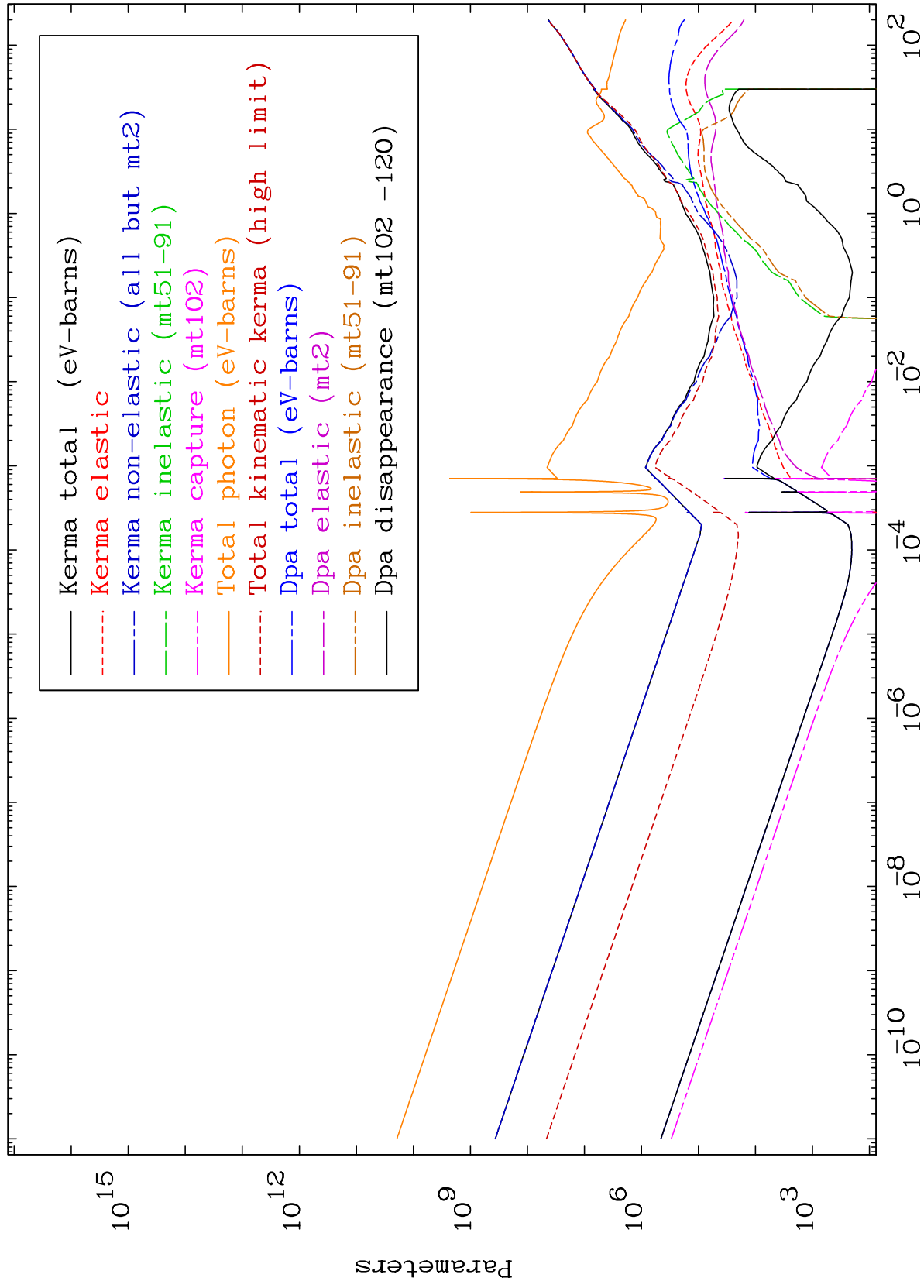
25-Mn-54

MAT 2522

(n, α) Levels
293 Kelvin Cross Sections

25-Mn-54

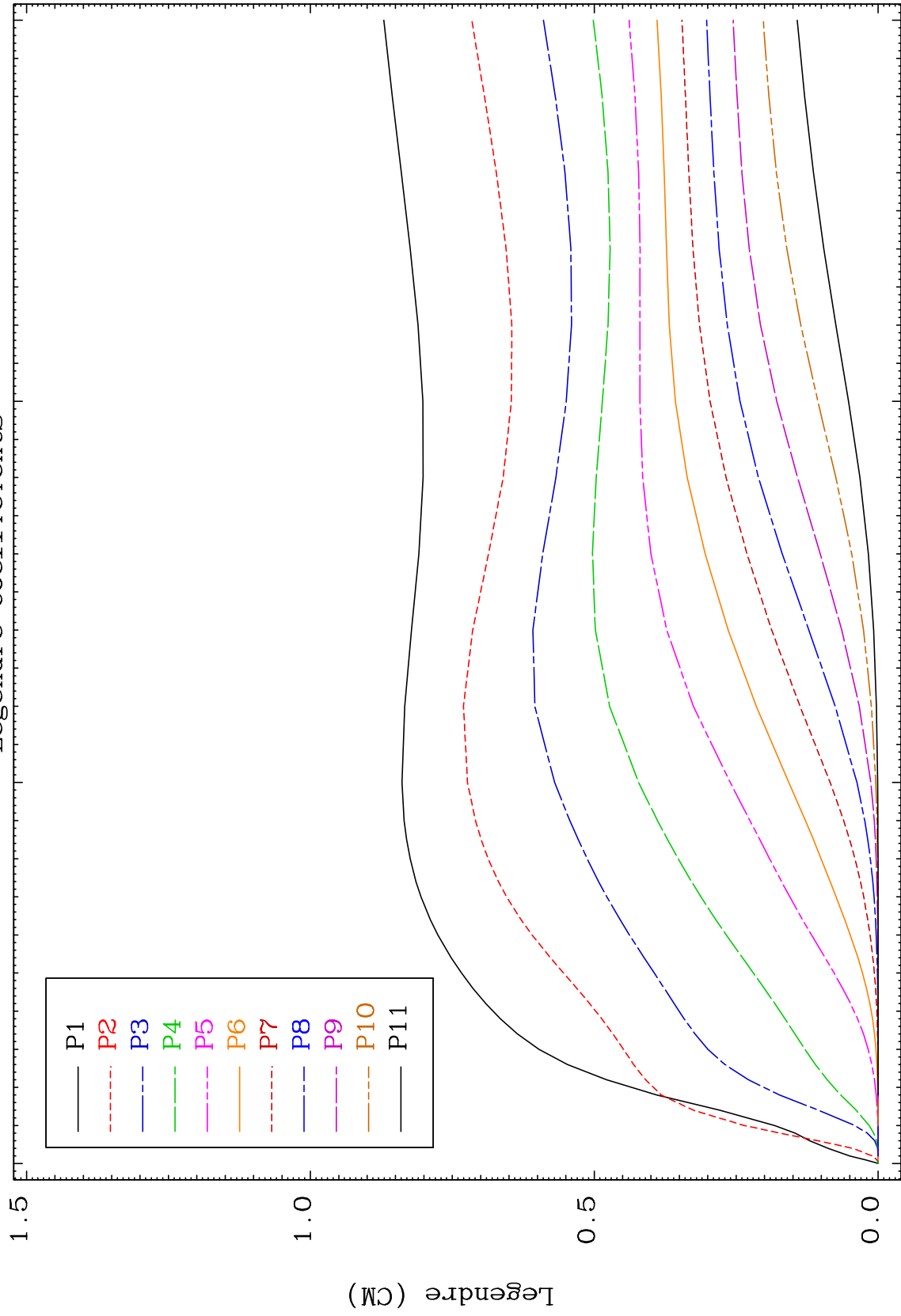




MAT 2522

Elastic Legendre Coefficients

25-Mn-54



15

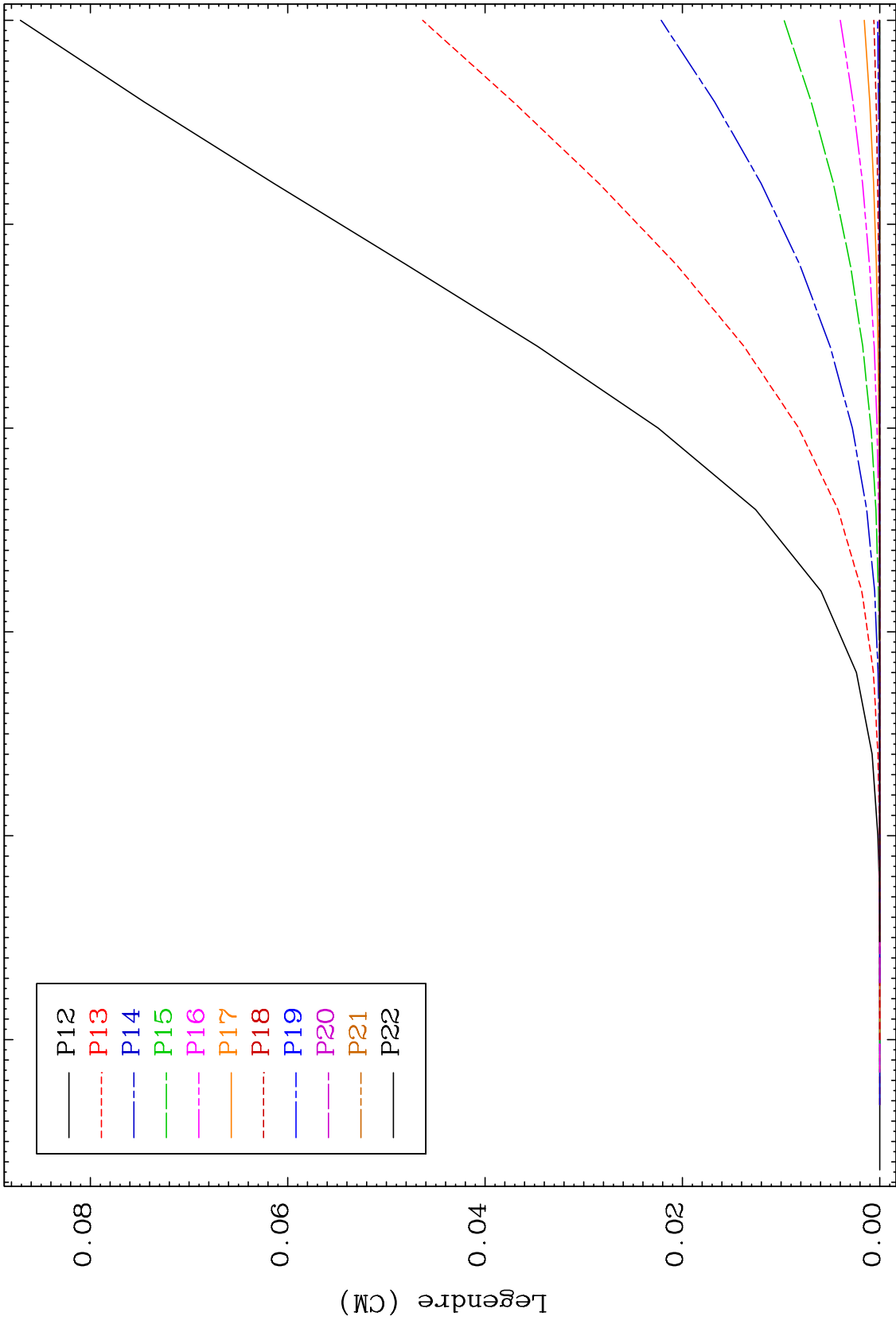
Incident Energy (MeV)

25-Mn-54

MAT 2522

Elastic Legendre Coefficients

²⁵Mn-54



16

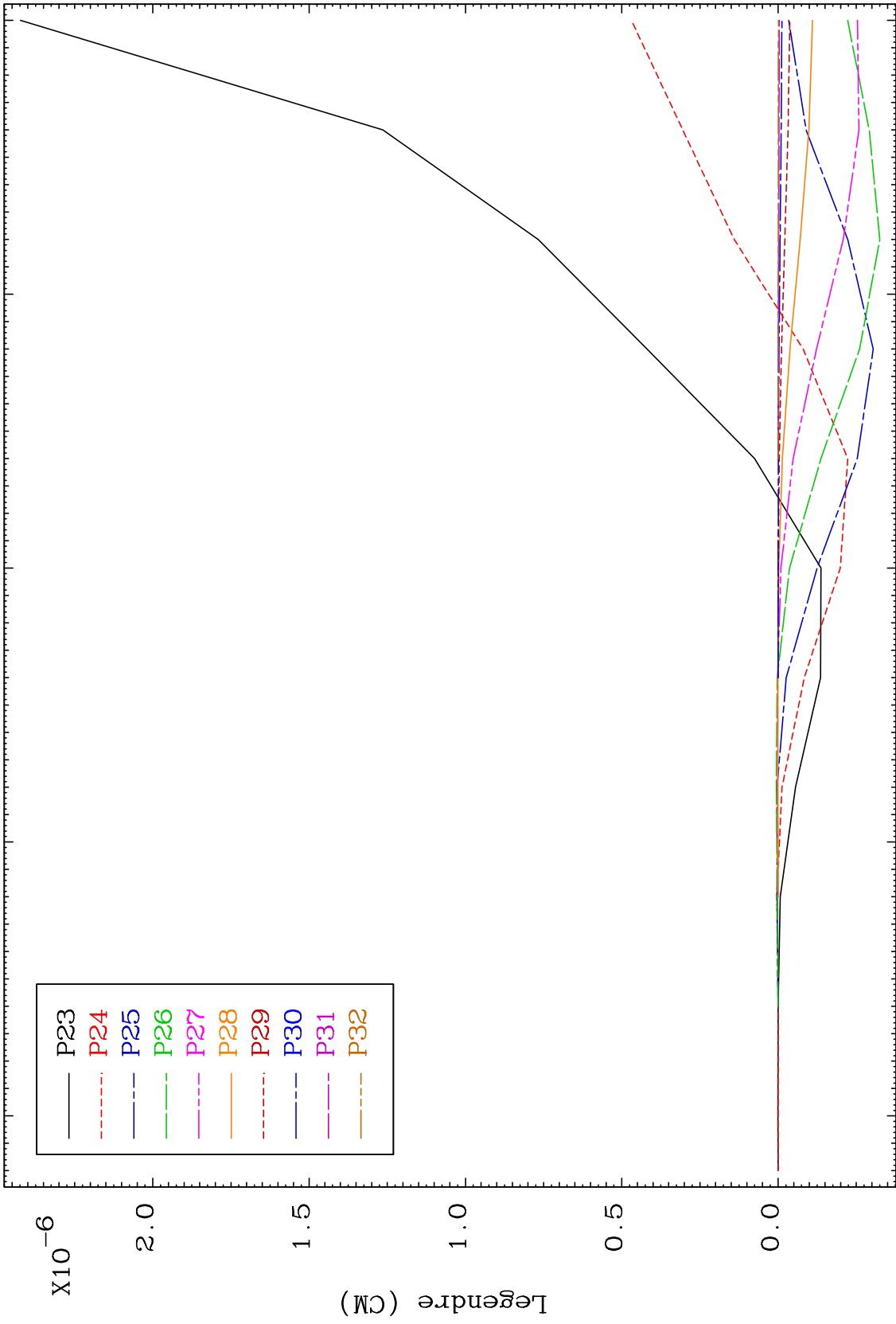
²⁵Mn-54

Incident Energy (MeV)

MAT 2522

Elastic Legendre Coefficients

25-Mn-54

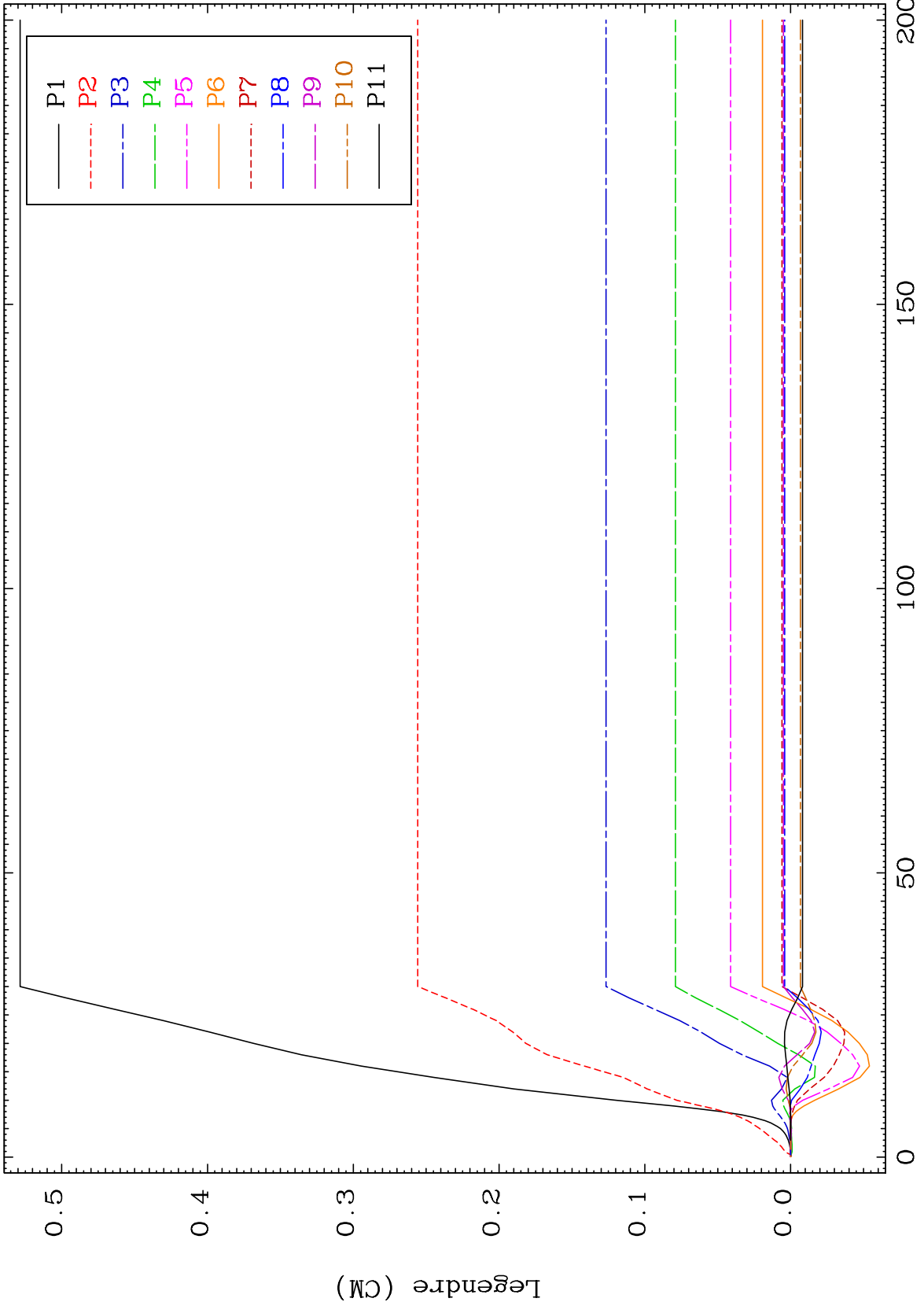


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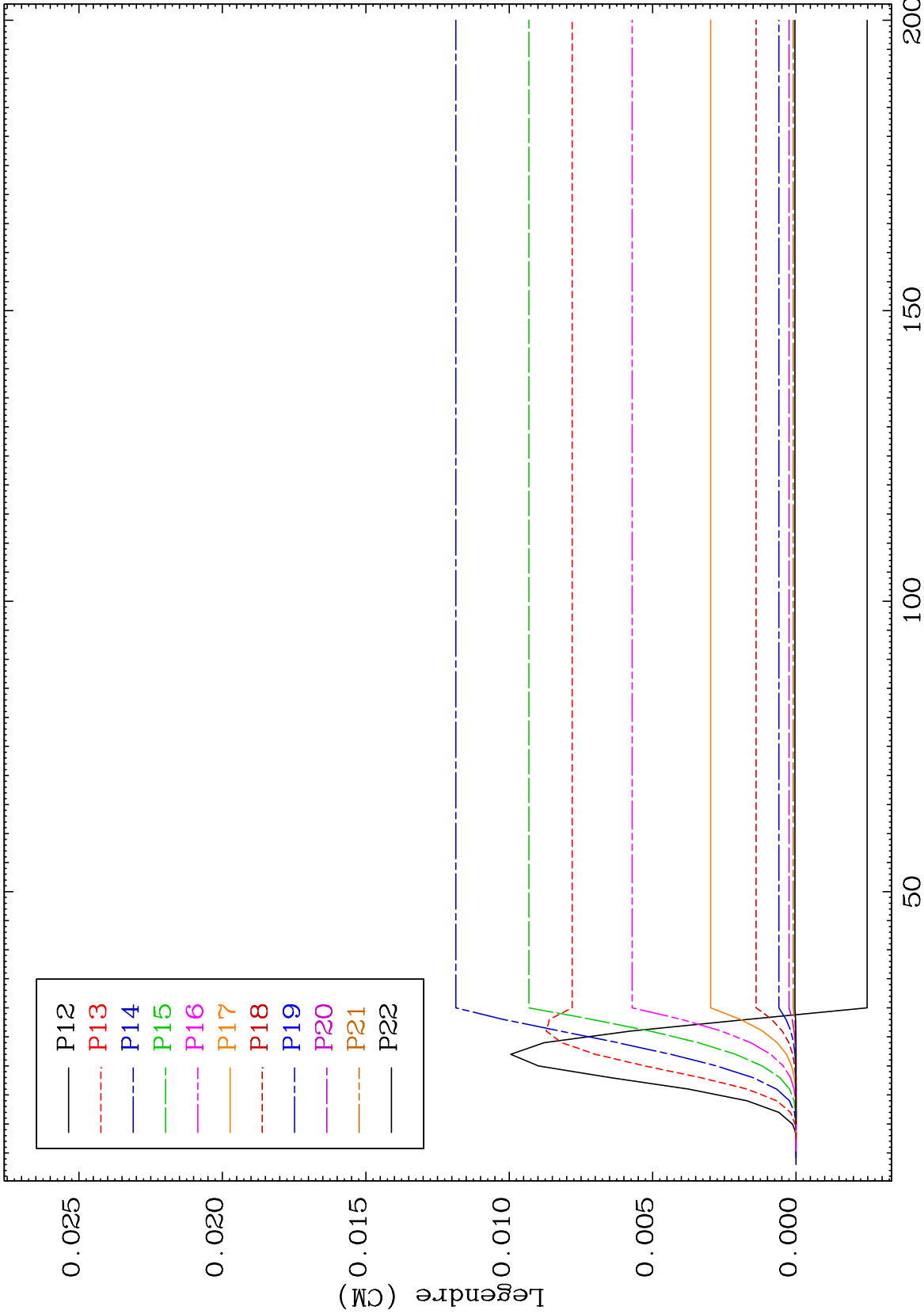
Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 51 (n,n') Level Legendre Coefficients 25-Mn-54



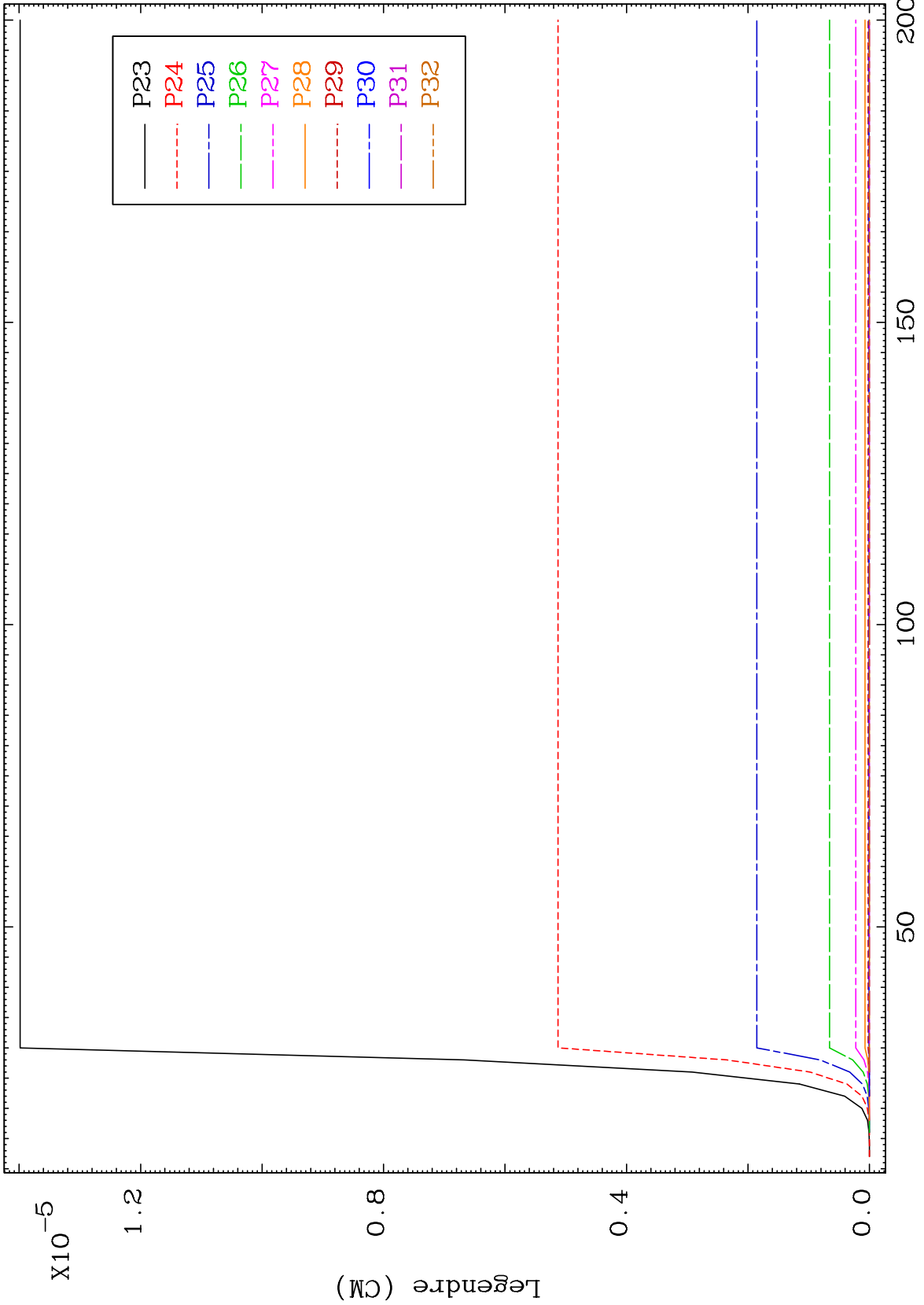
18 25-Mn-54



MAT 2522

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

25-Mn-54



20

50

100

150

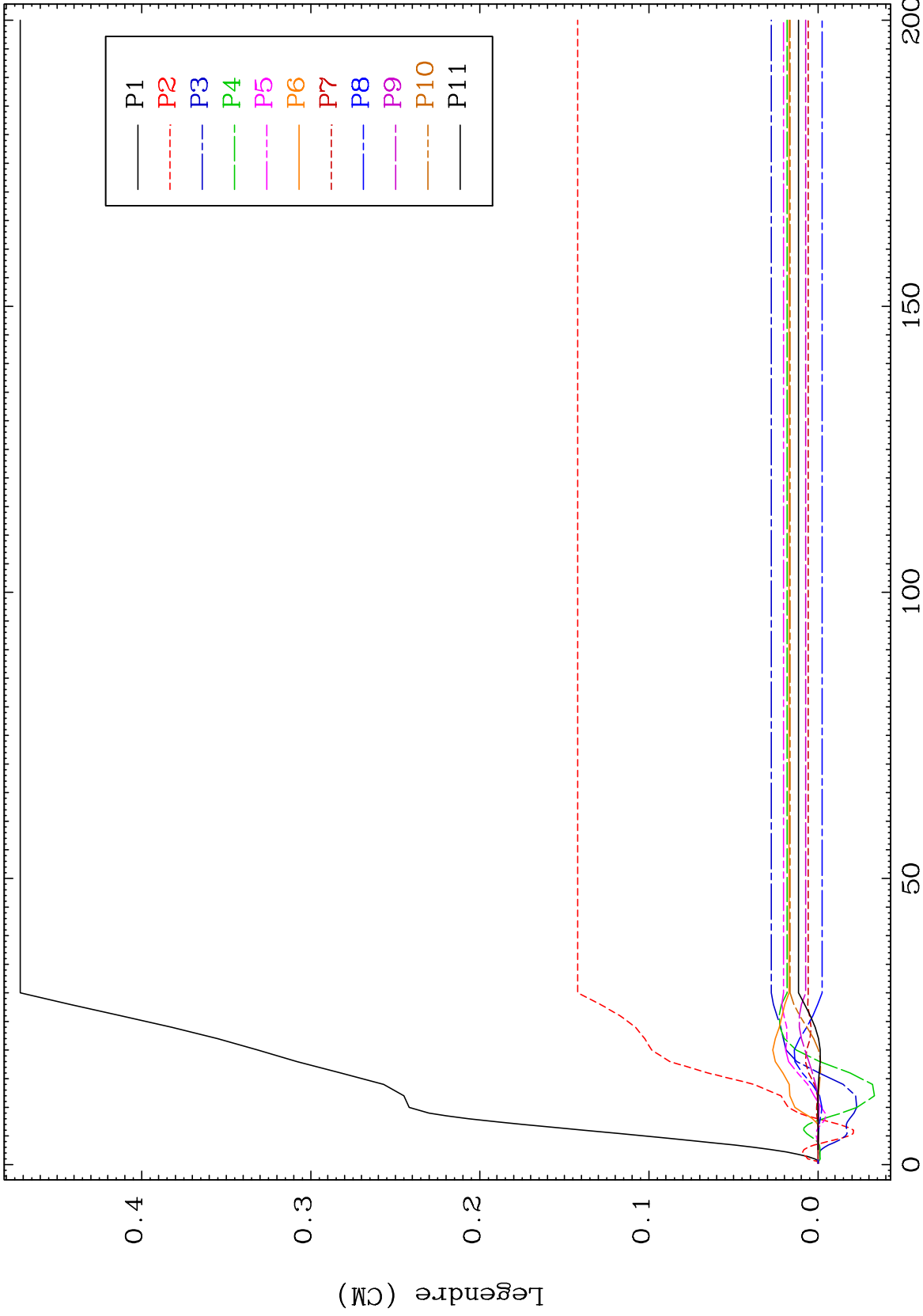
200

25-Mn-54

MAT 2522

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

25-Mn-54



21

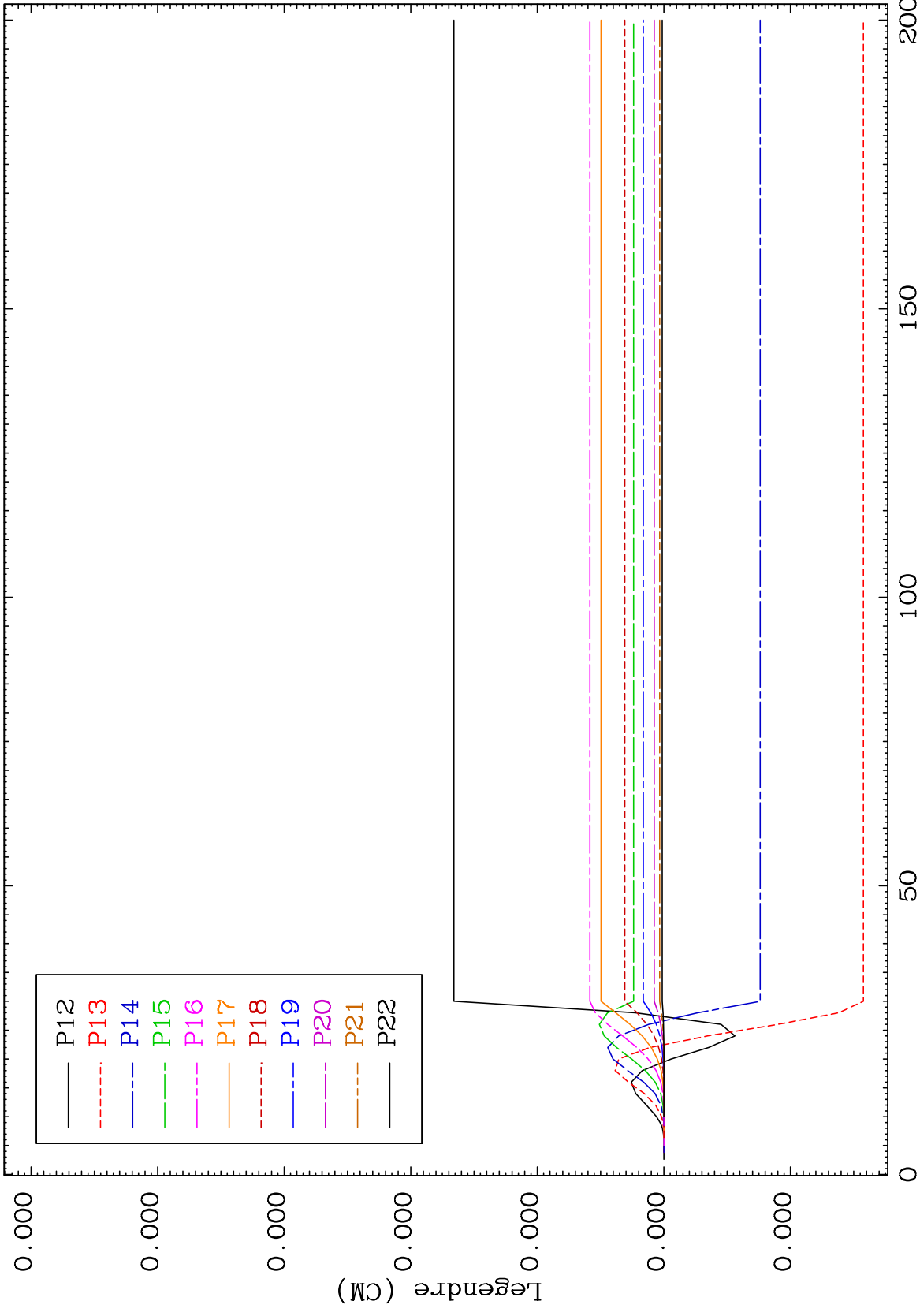
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



22

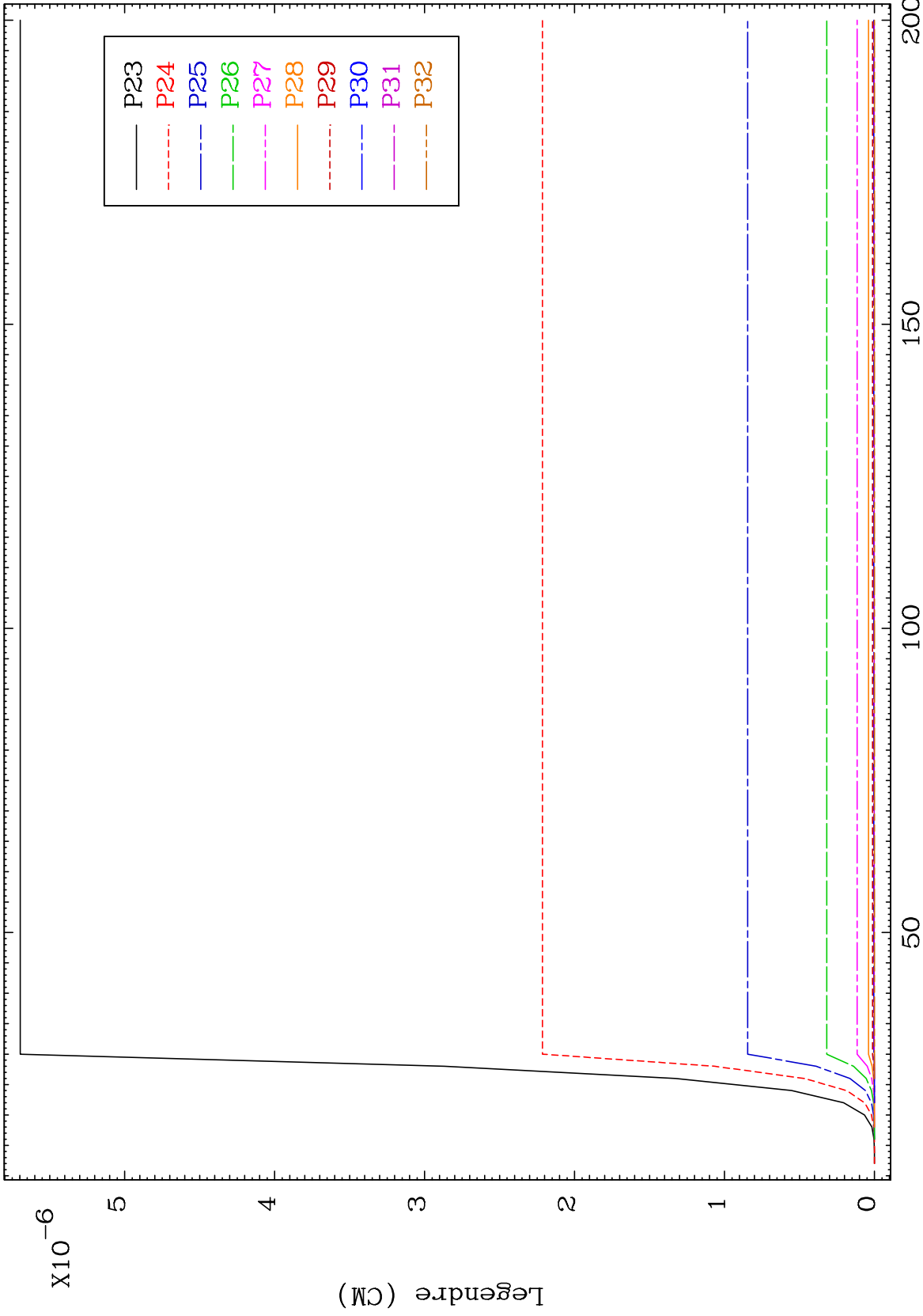
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54

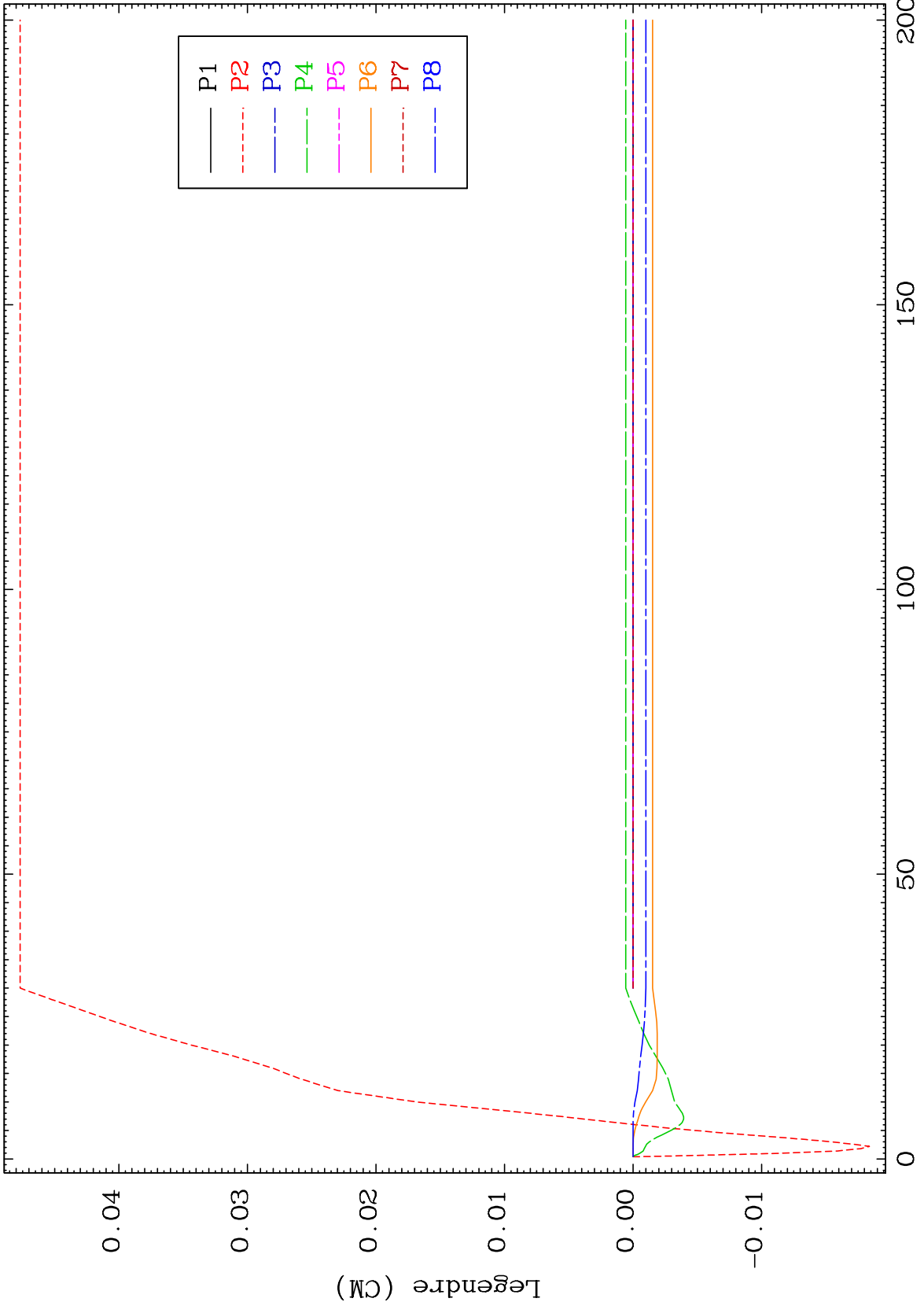


23

Incident Energy (MeV)

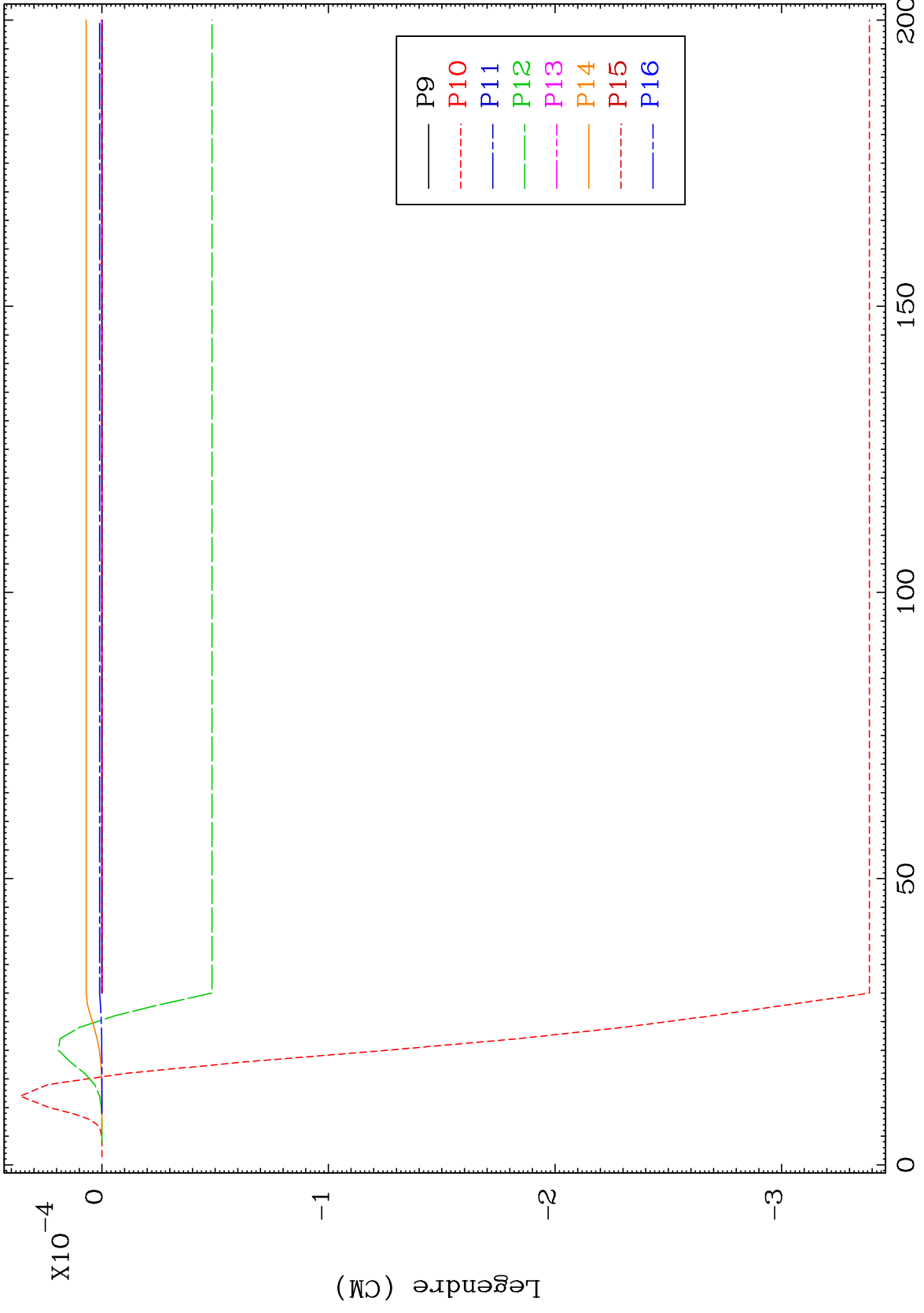
25-Mn-54

MAT 2522 MT= 53 (n,n') Level Legendre Coefficients 25-Mn-54



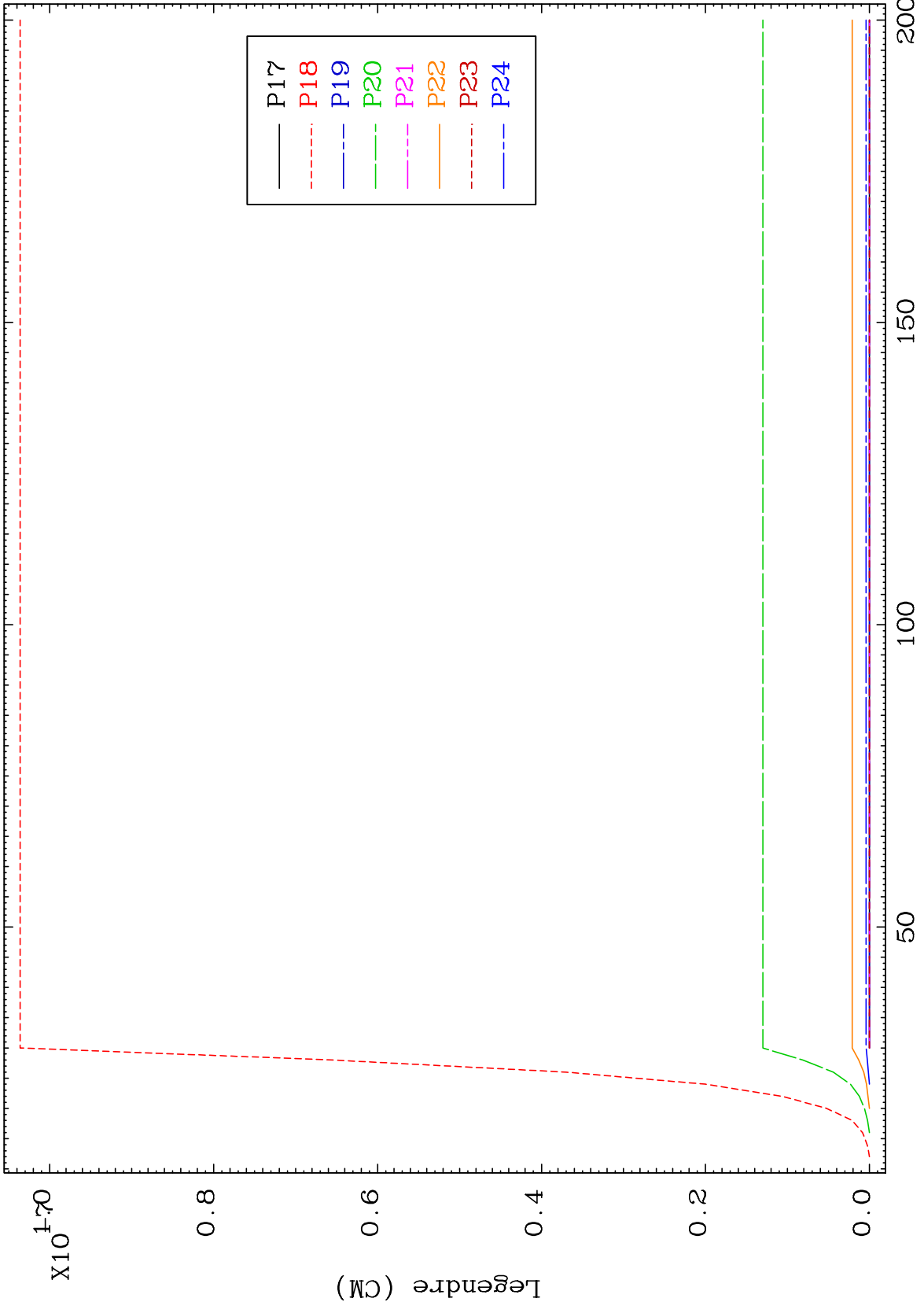
24 25-Mn-54

MAT 2522 MT= 53 (n,n') Level Legendre Coefficients 25-Mn-54



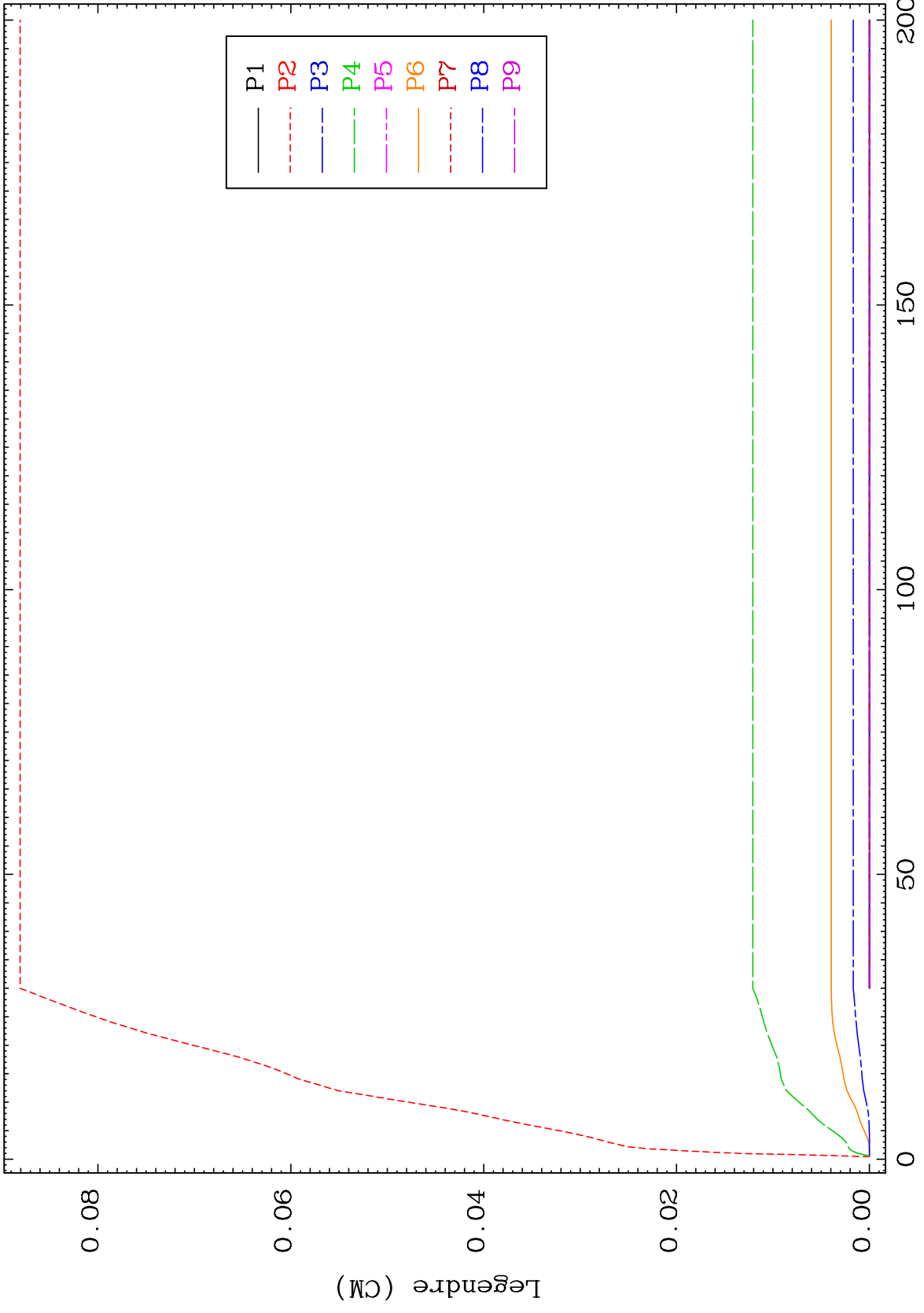
25-Mn-54

MAT 2522 MT= 53 (n,n') Level Legendre Coefficients 25-Mn-54



26 25-Mn-54

MAT 2522 MT= 54 (n,n') Level Legendre Coefficients 25-Mn-54

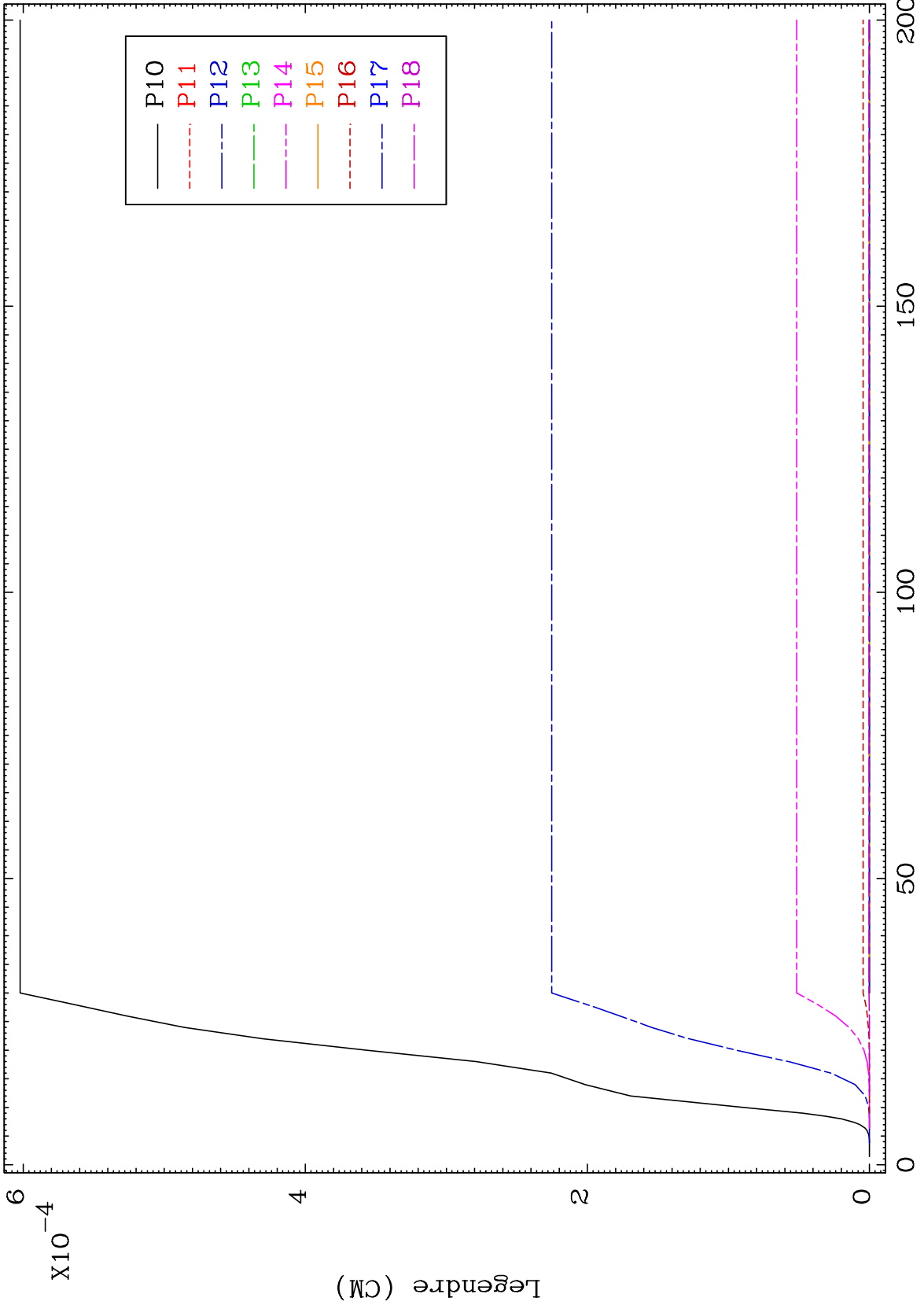


27 Incident Energy (MeV) 25-Mn-54

MAT 2522

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

25-Mn-54

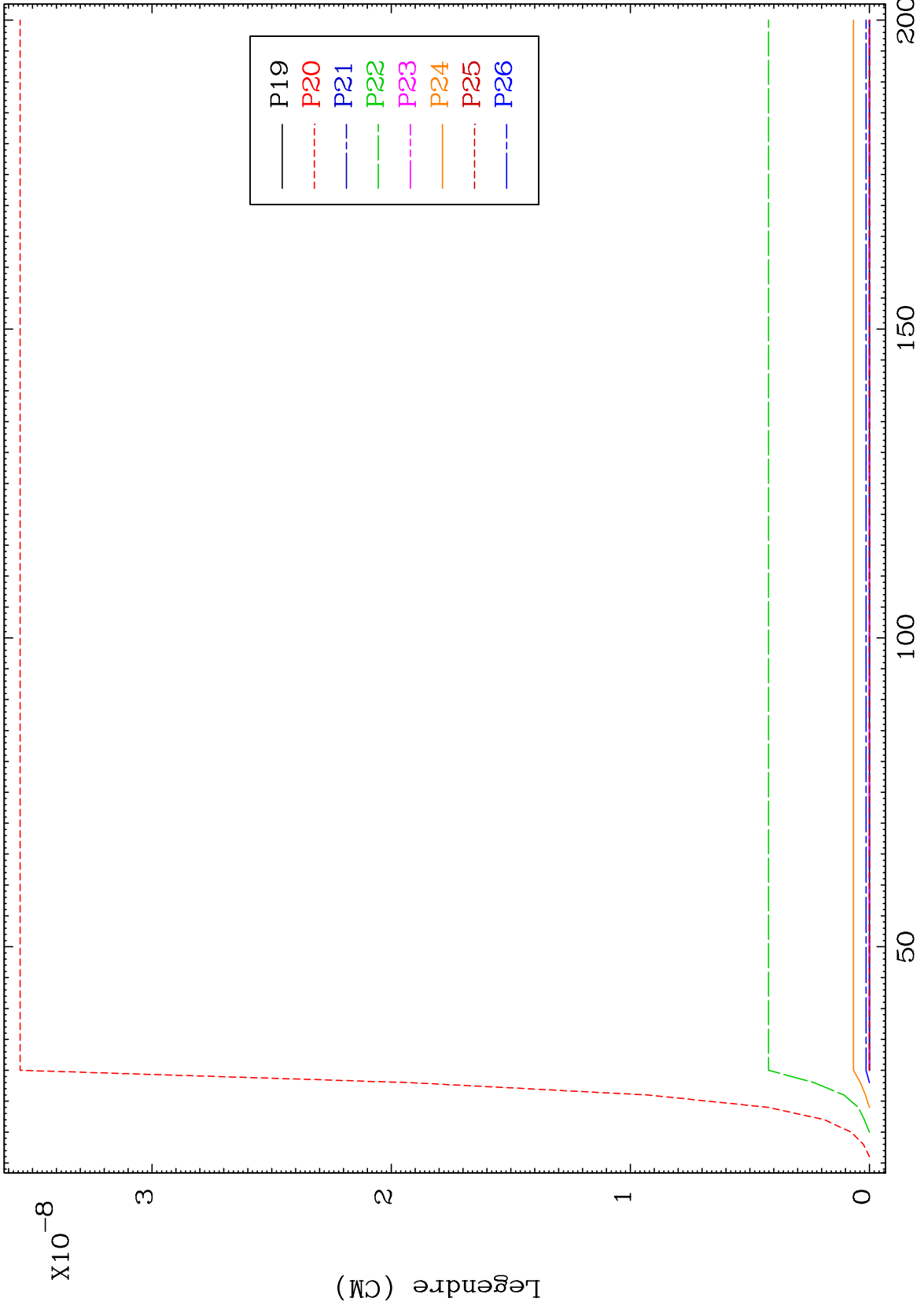


28

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 54 (n,n') Level Legendre Coefficients 25-Mn-54

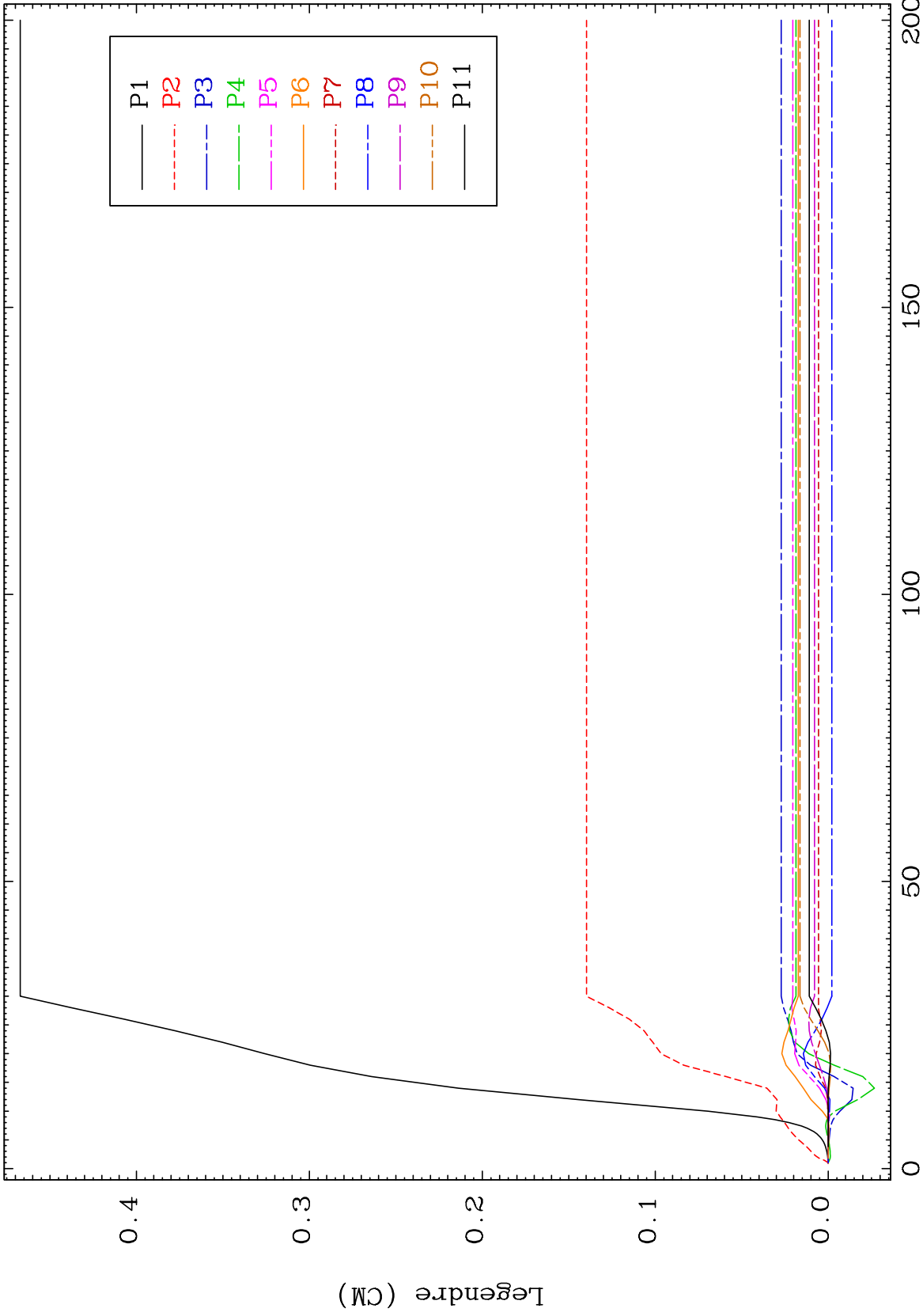


29 25-Mn-54

MAT 2522

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

25-Mn-54



25-Mn-54

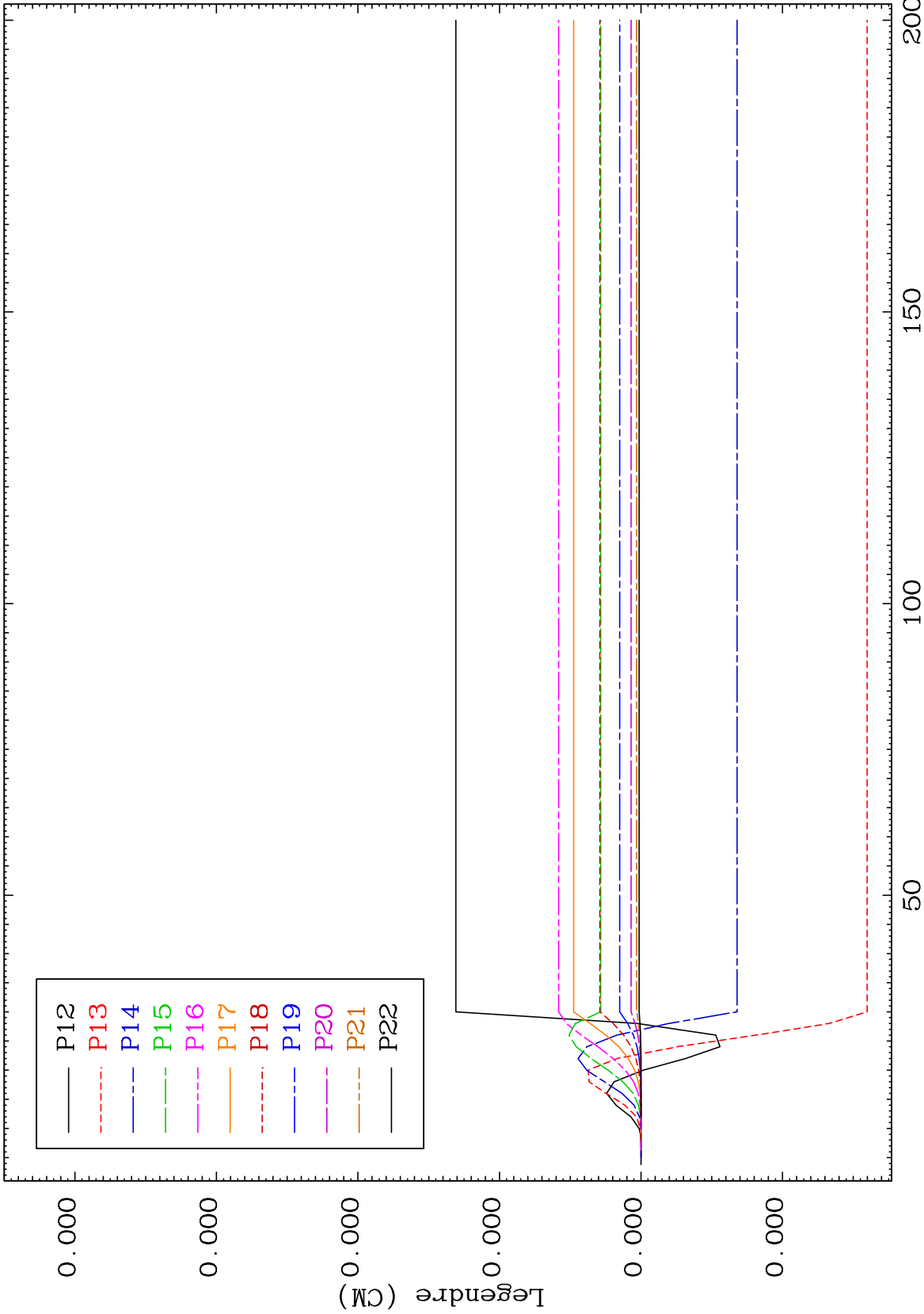
Incident Energy (MeV)

30

MAT 2522

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

25-Mn-54



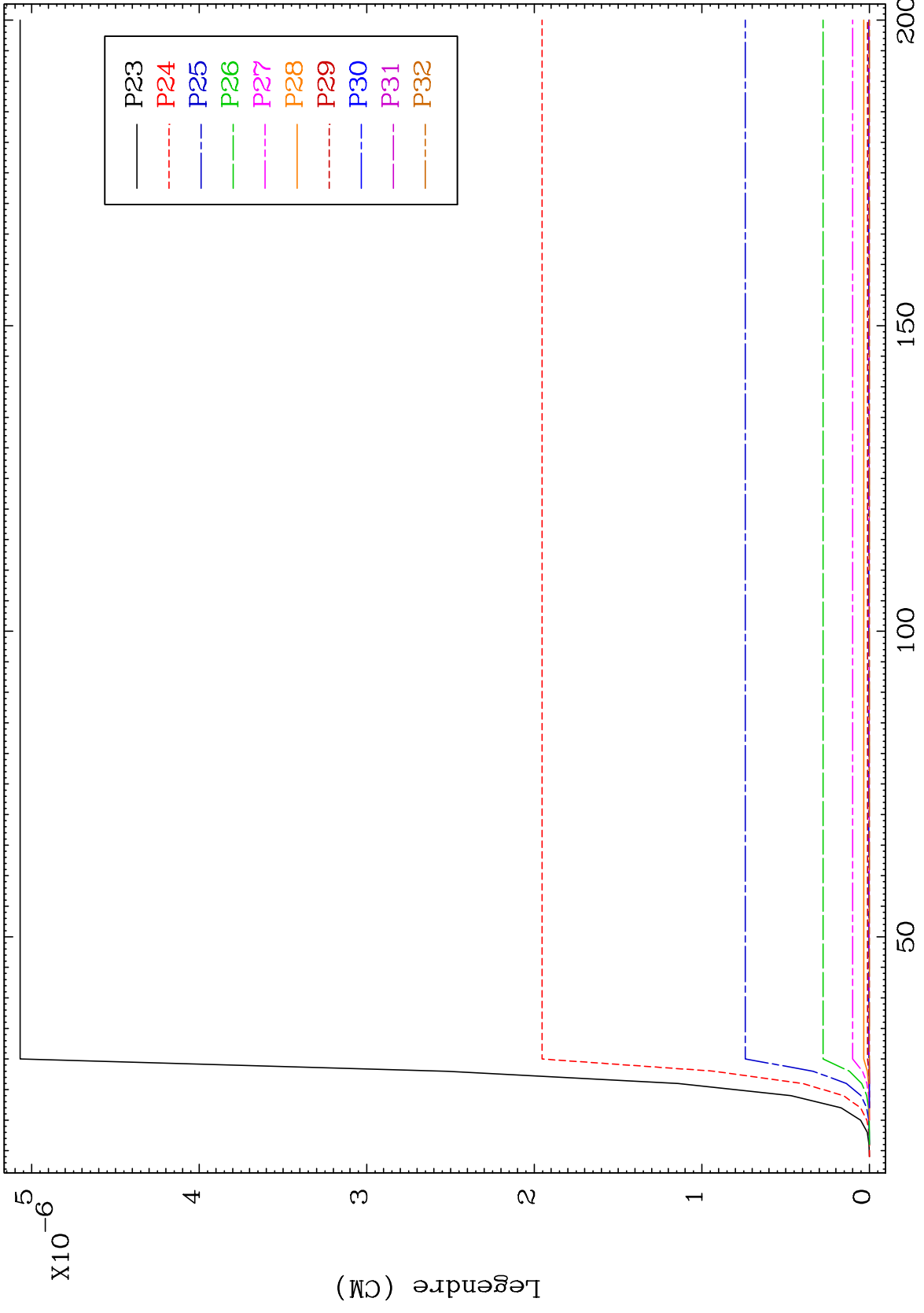
31

25-Mn-54

MAT 2522

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

25-Mn-54

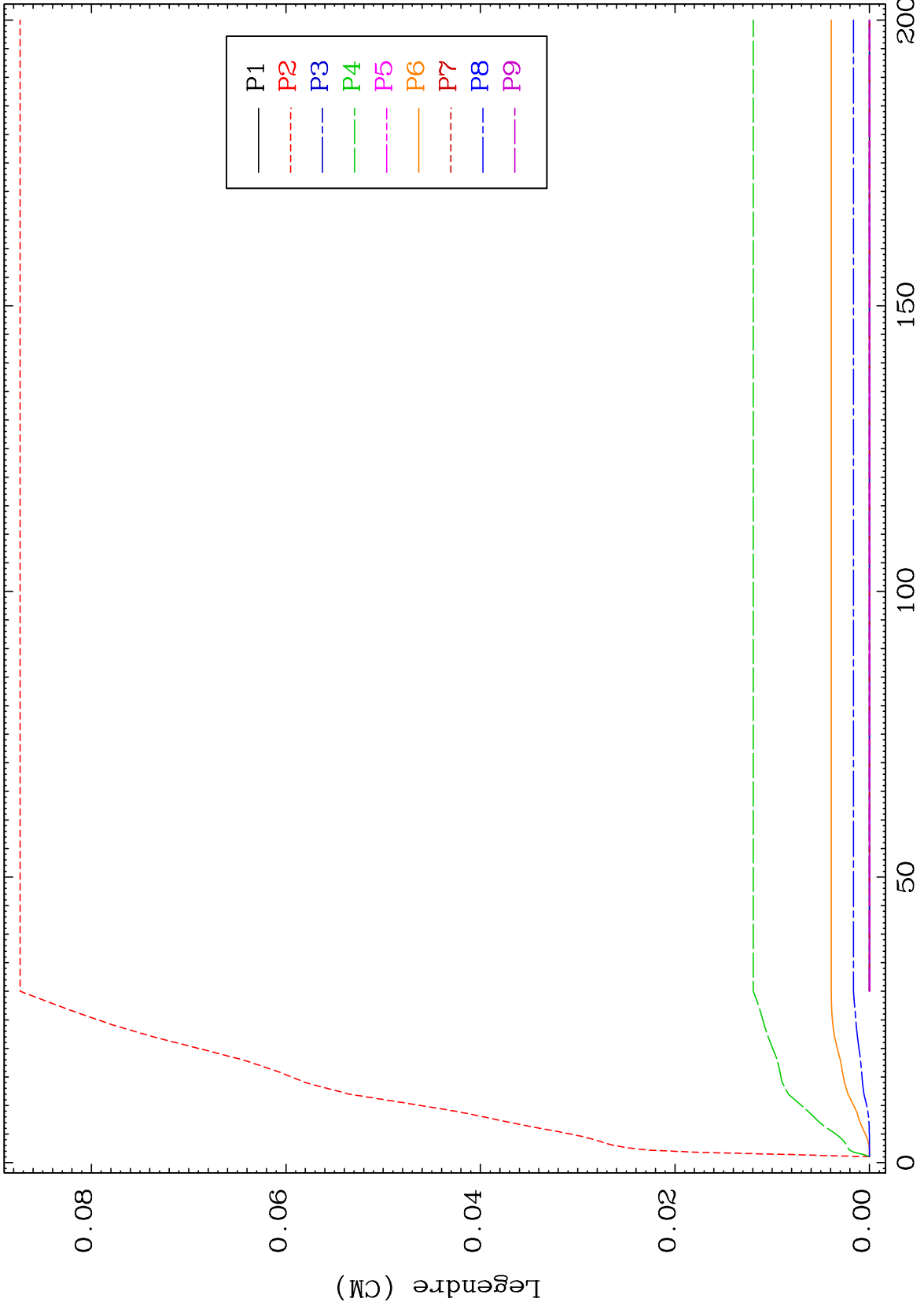


32

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 56 (n,n') Level Legendre Coefficients 25-Mn-54

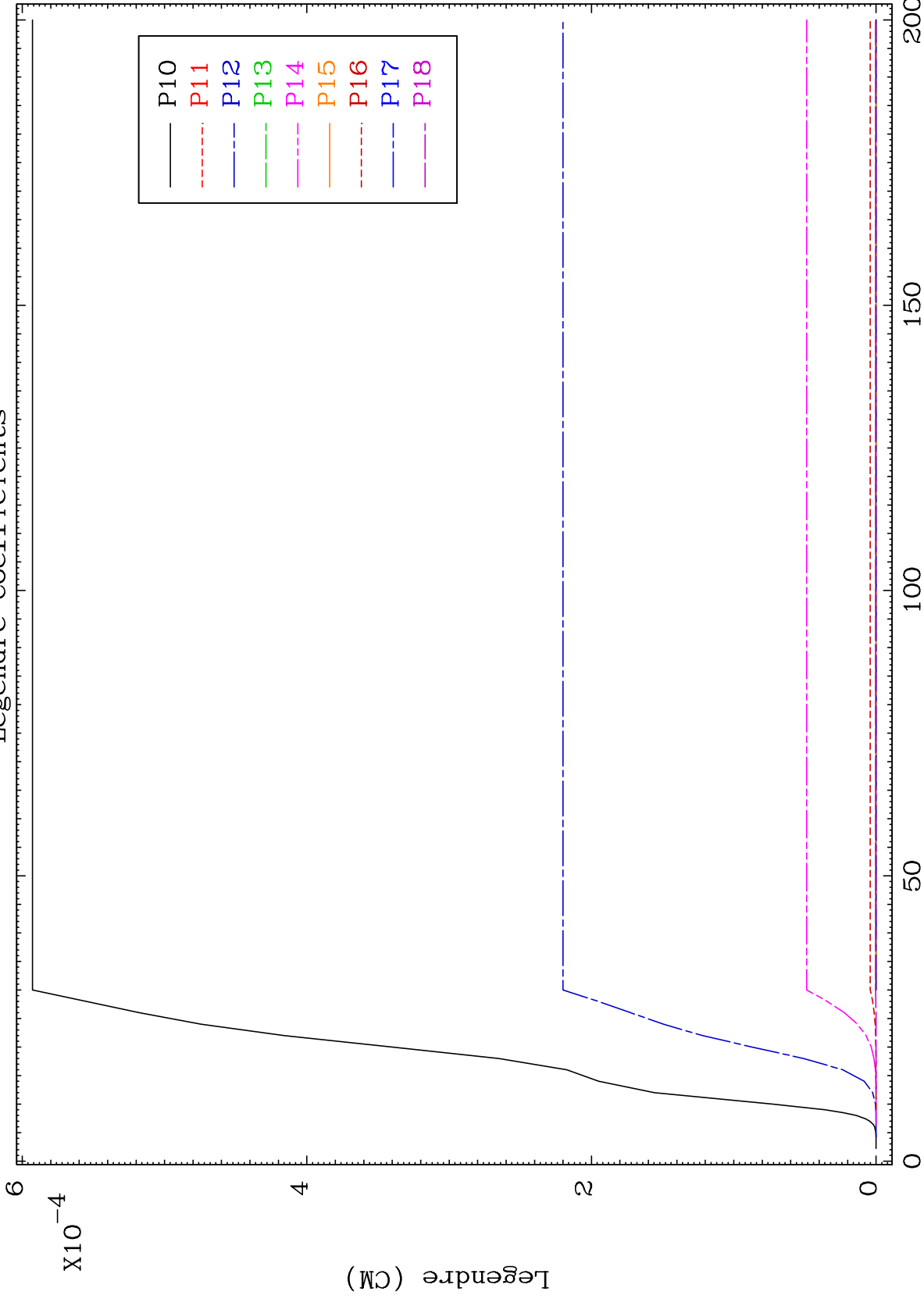


33 Incident Energy (MeV) 25-Mn-54

MAT 2522

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

25-Mn-54

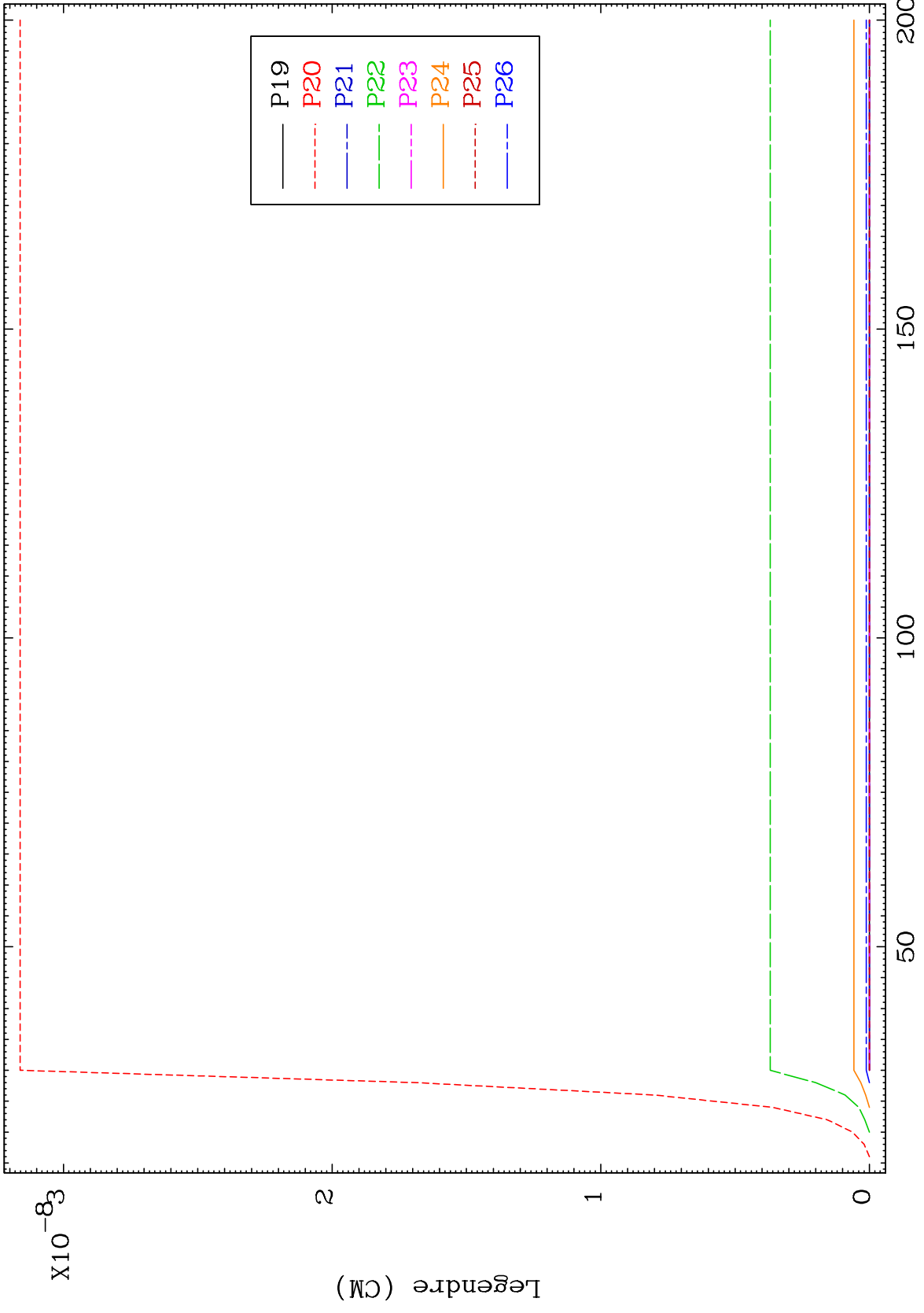


34

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 56 (n,n') Level Legendre Coefficients 25-Mn-54

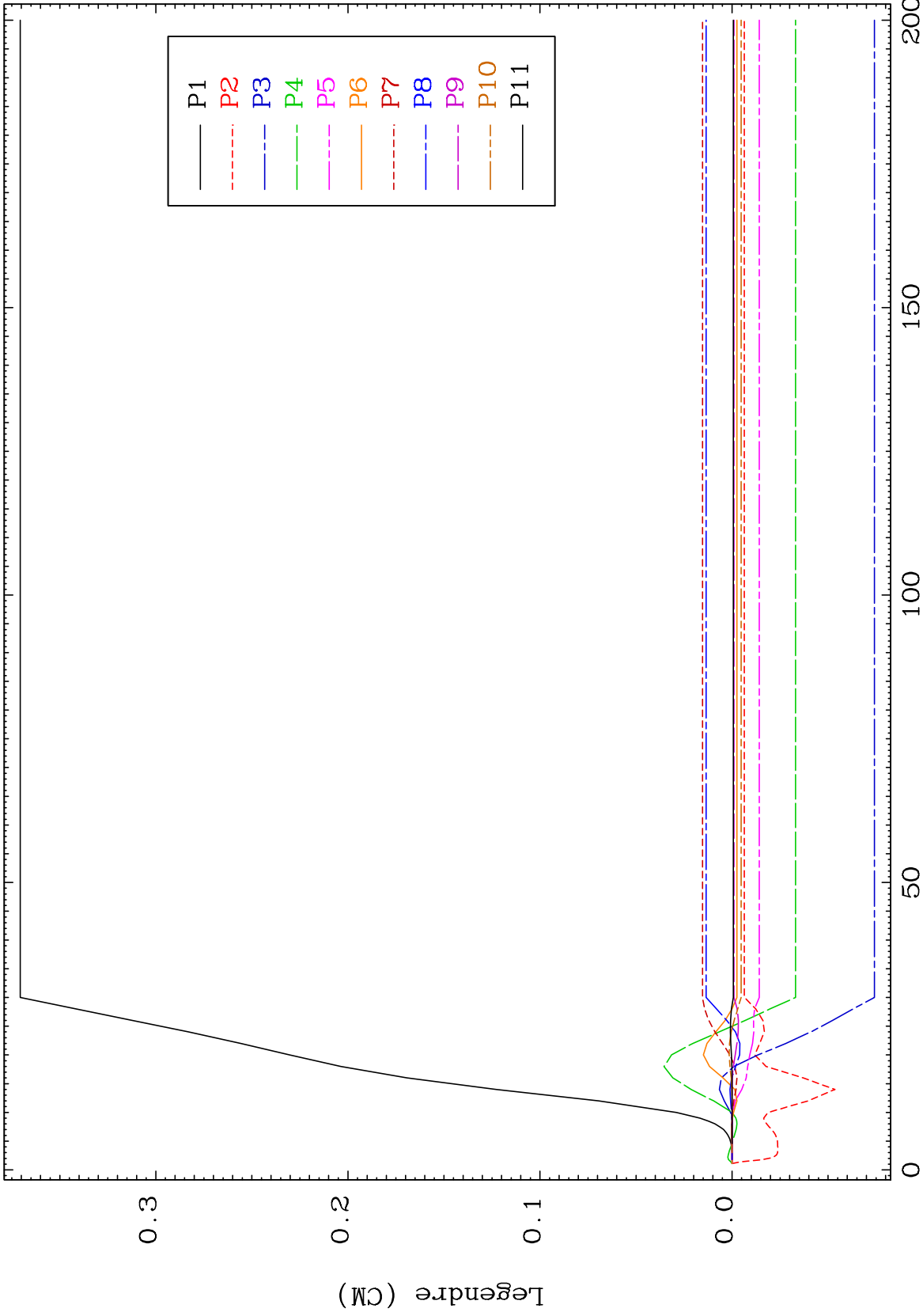


35 Incident Energy (MeV) 200 25-Mn-54

MAT 2522

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

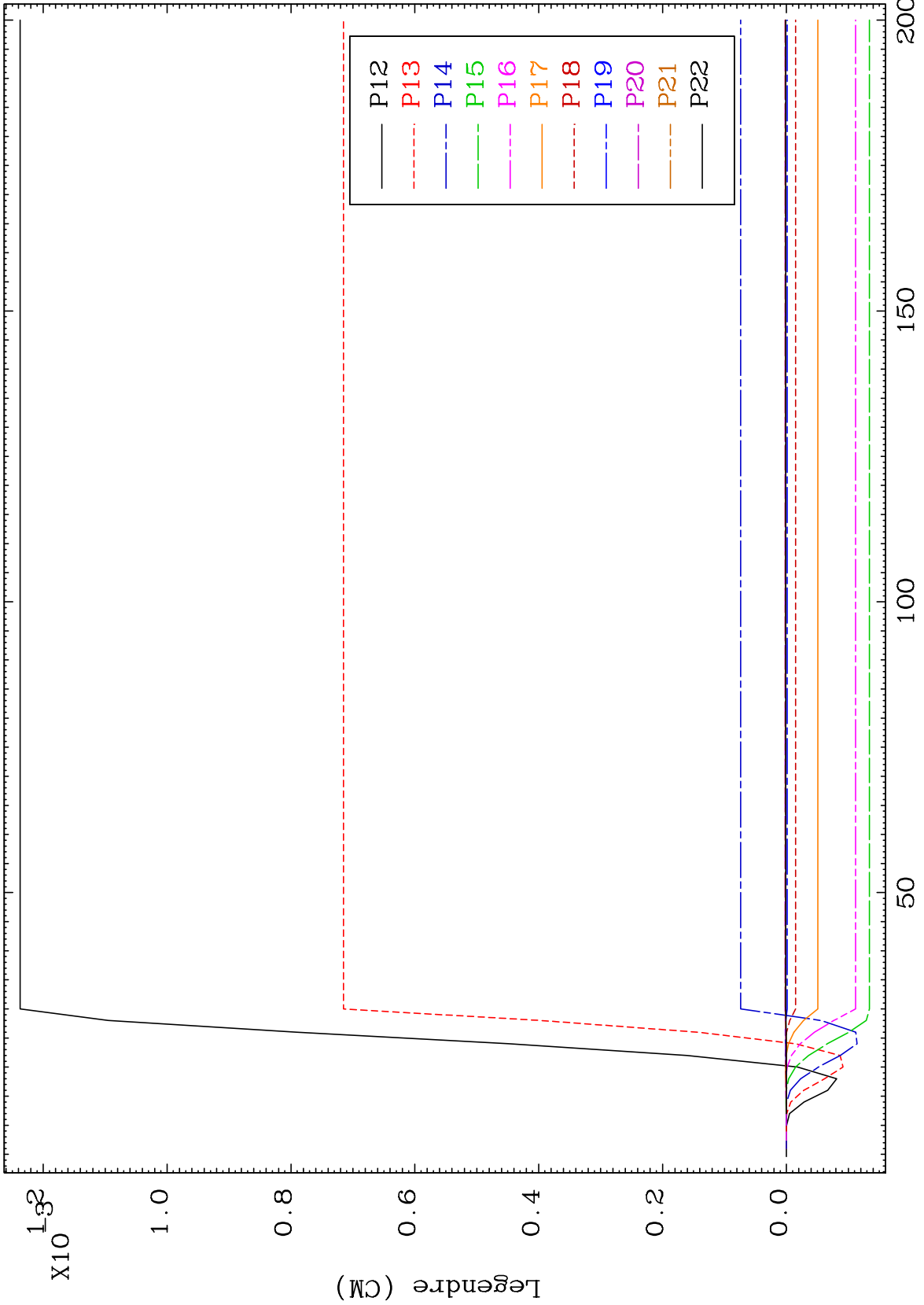
25-Mn-54



36

Incident Energy (MeV)

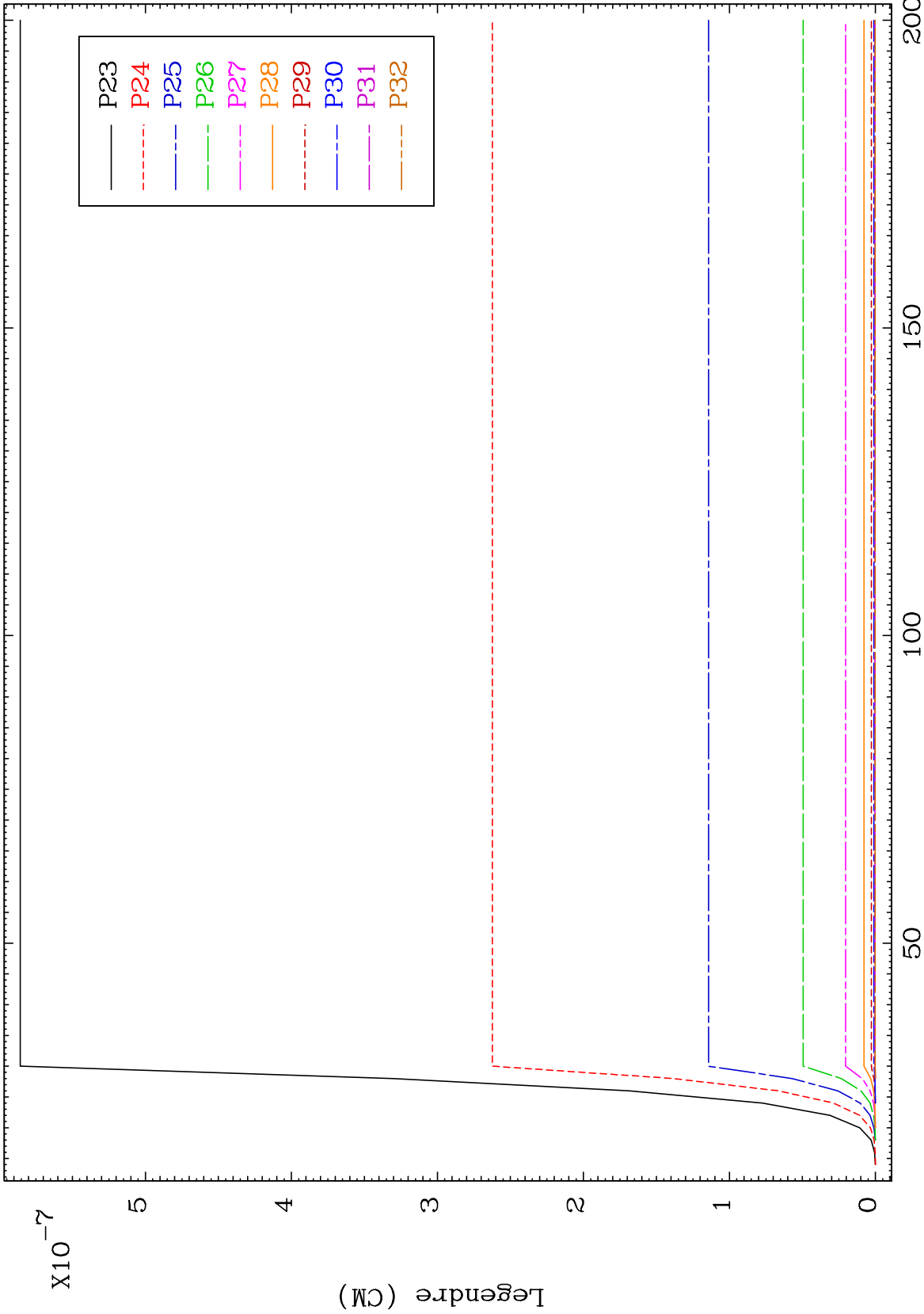
25-Mn-54



MAT 2522

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

25-Mn-54

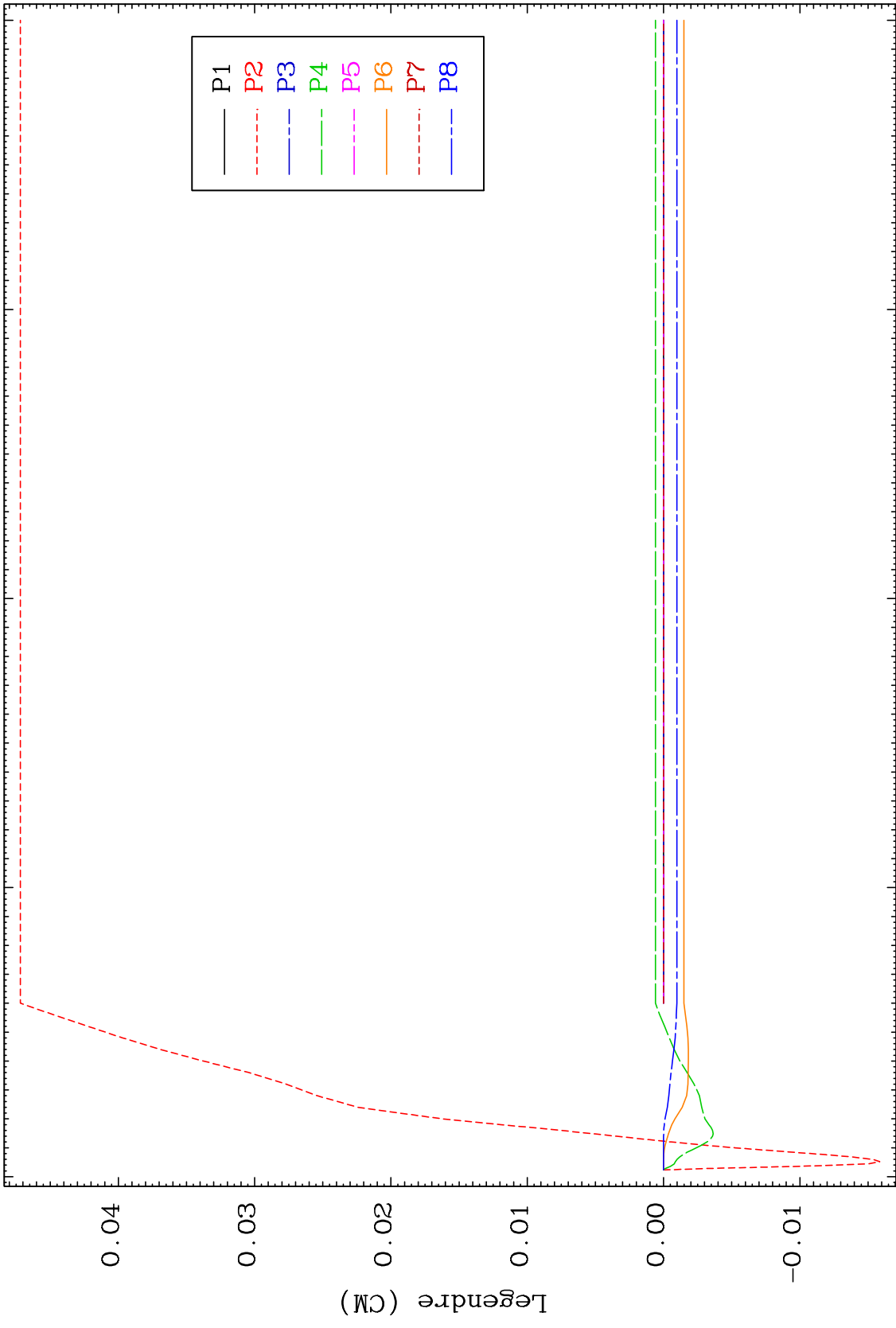


38

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 58 (n,n') Level Legendre Coefficients 25-Mn-54

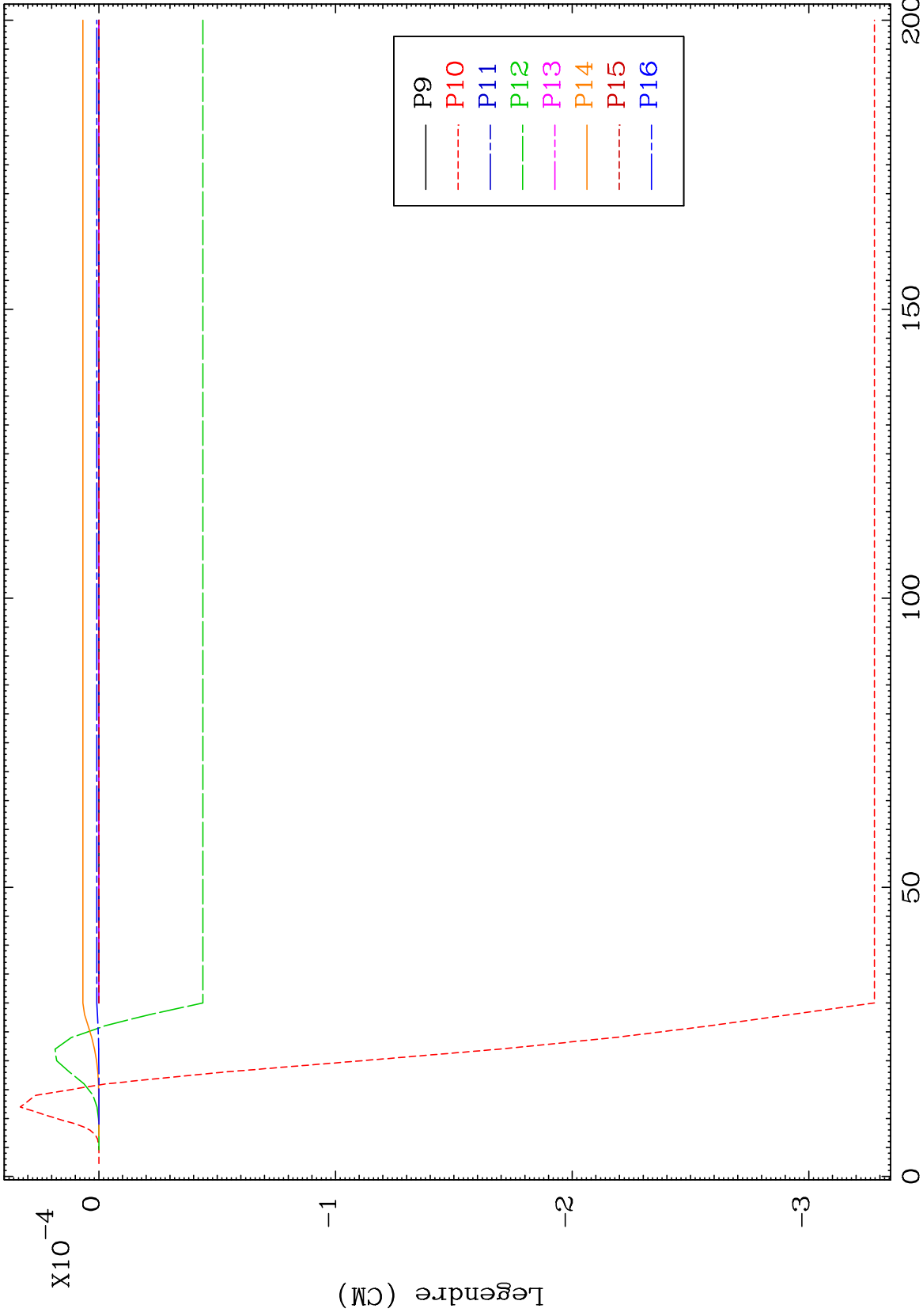


39 25-Mn-54

MAT 2522

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

25-Mn-54



40

Incident Energy (MeV)

50

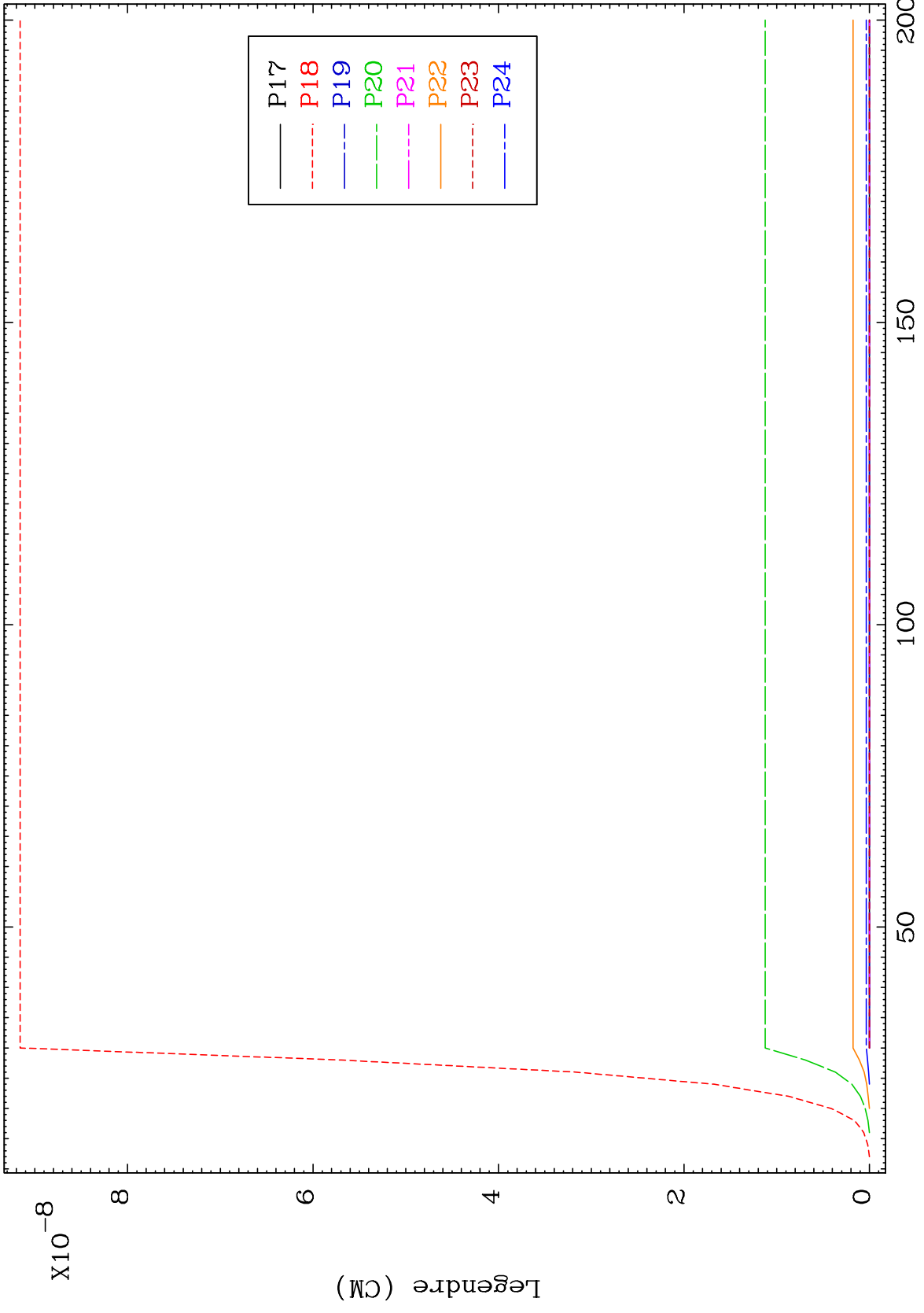
100

150

200

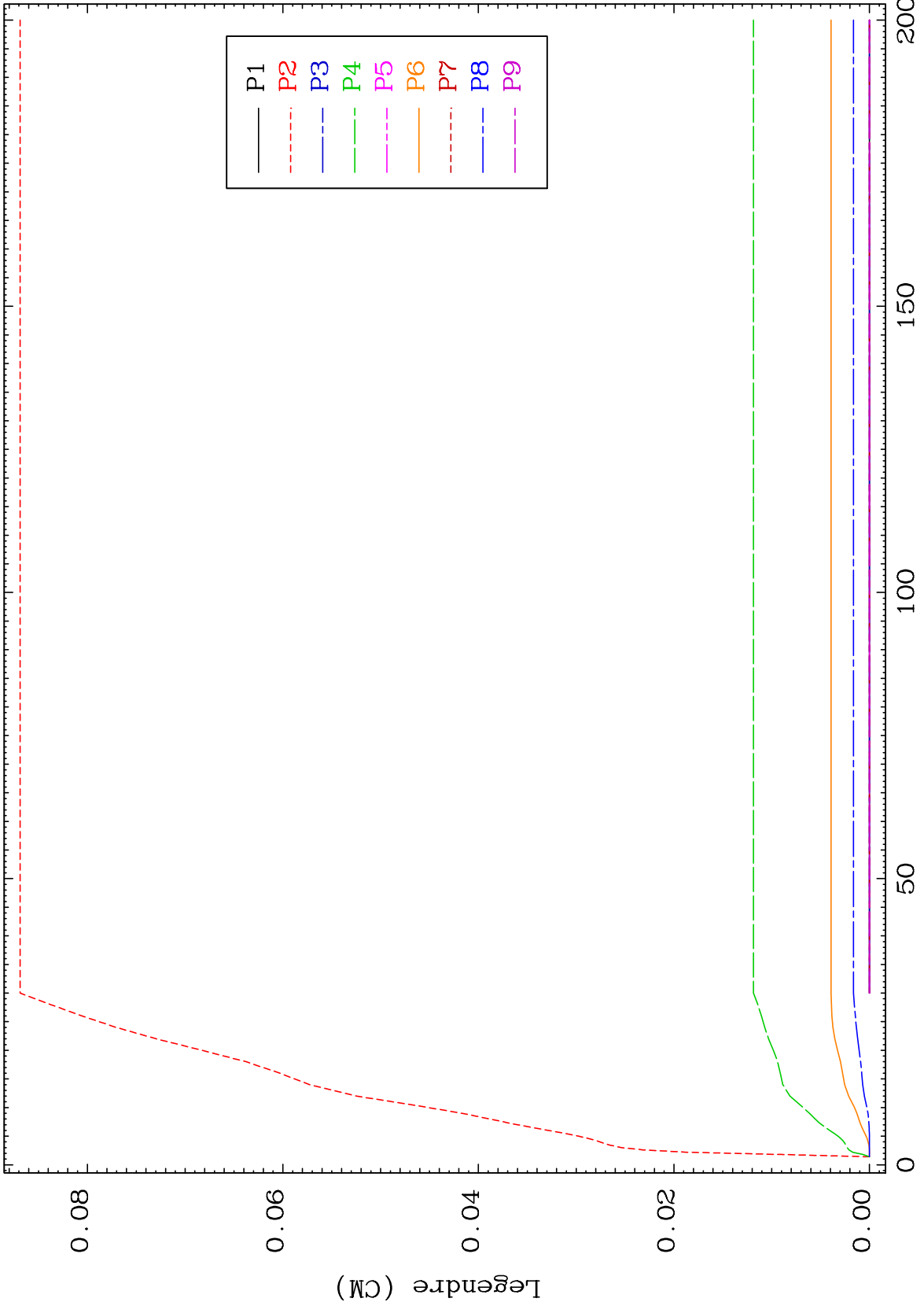
25-Mn-54

MAT 2522 MT= 58 (n,n') Level Legendre Coefficients 25-Mn-54



41 Incident Energy (MeV) 200 25-Mn-54

MAT 2522 MT= 59 (n,n') Level Legendre Coefficients 25-Mn-54

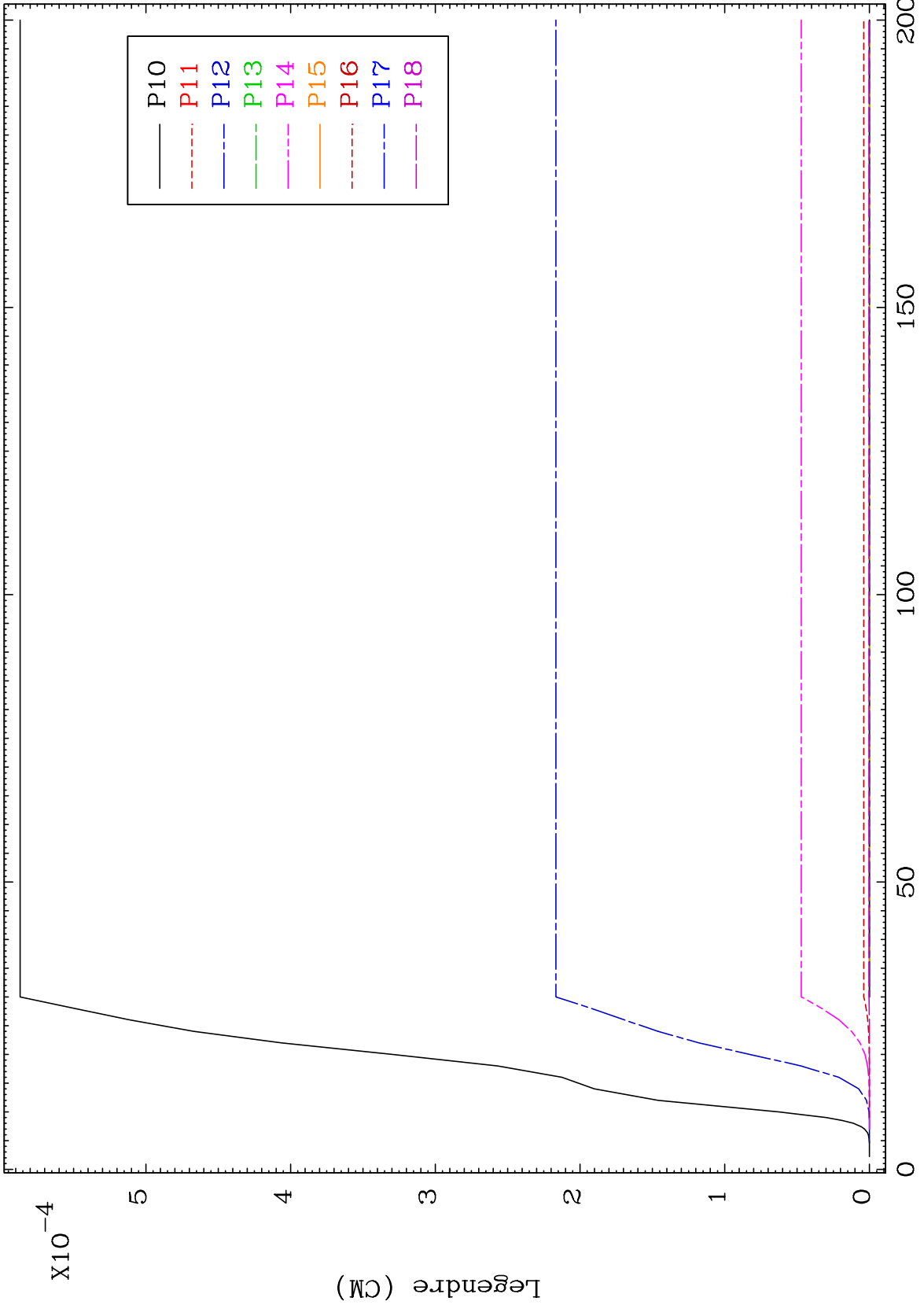


42 Incident Energy (MeV) 25-Mn-54

MAT 2522

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

25-Mn-54

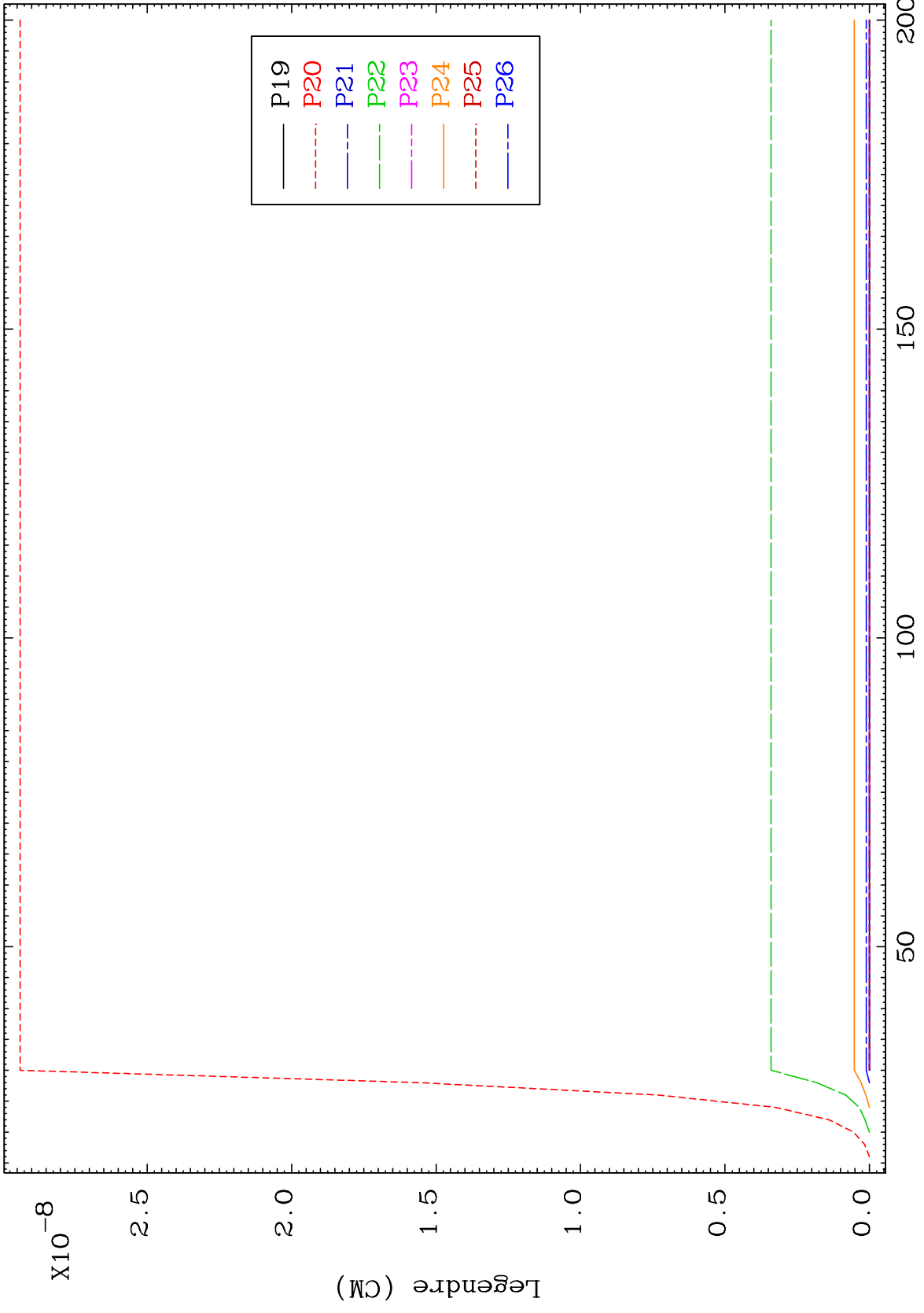


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Incident Energy (MeV)

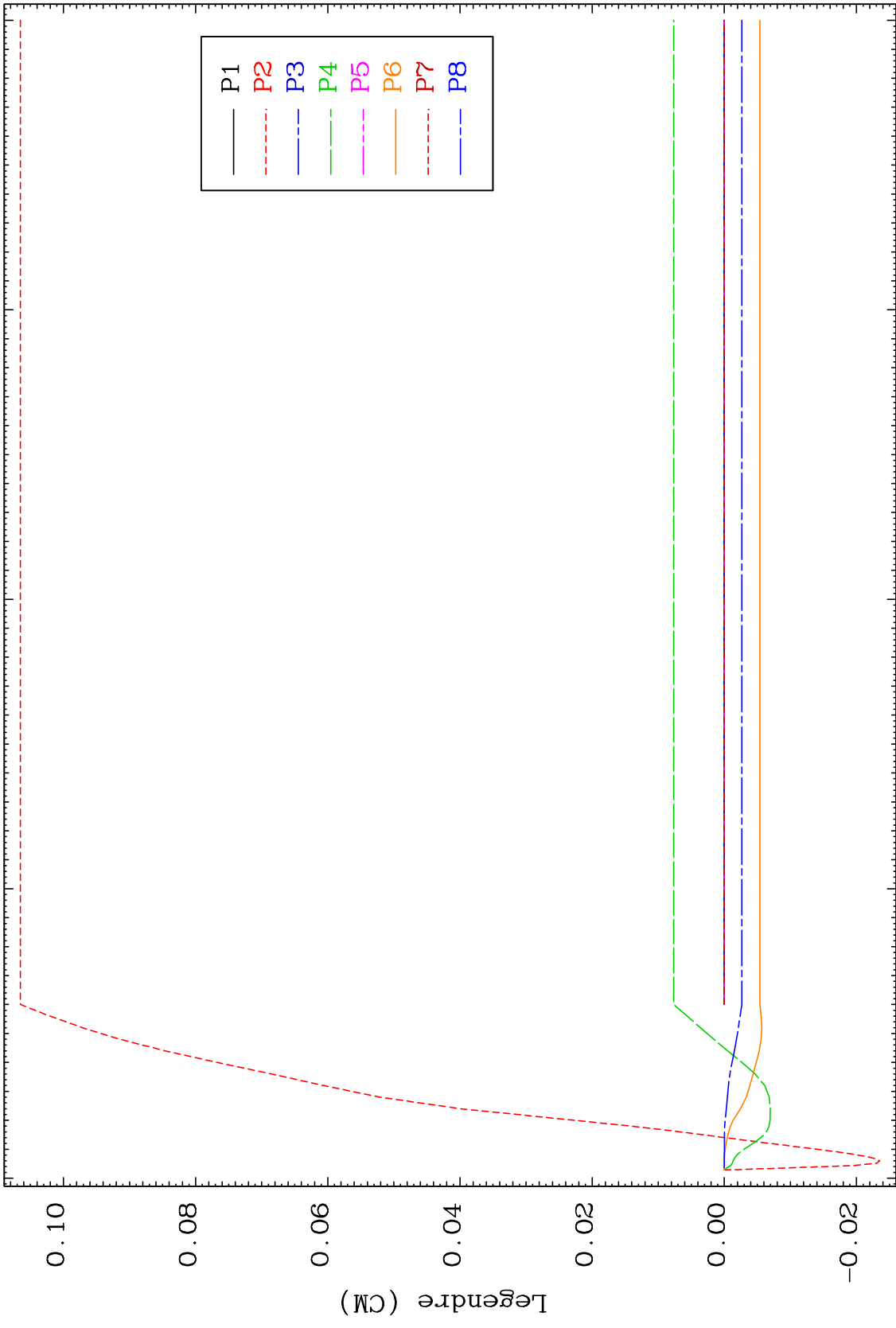
25-Mn-54

MAT 2522 MT= 59 (n,n') Level Legendre Coefficients 25-Mn-54



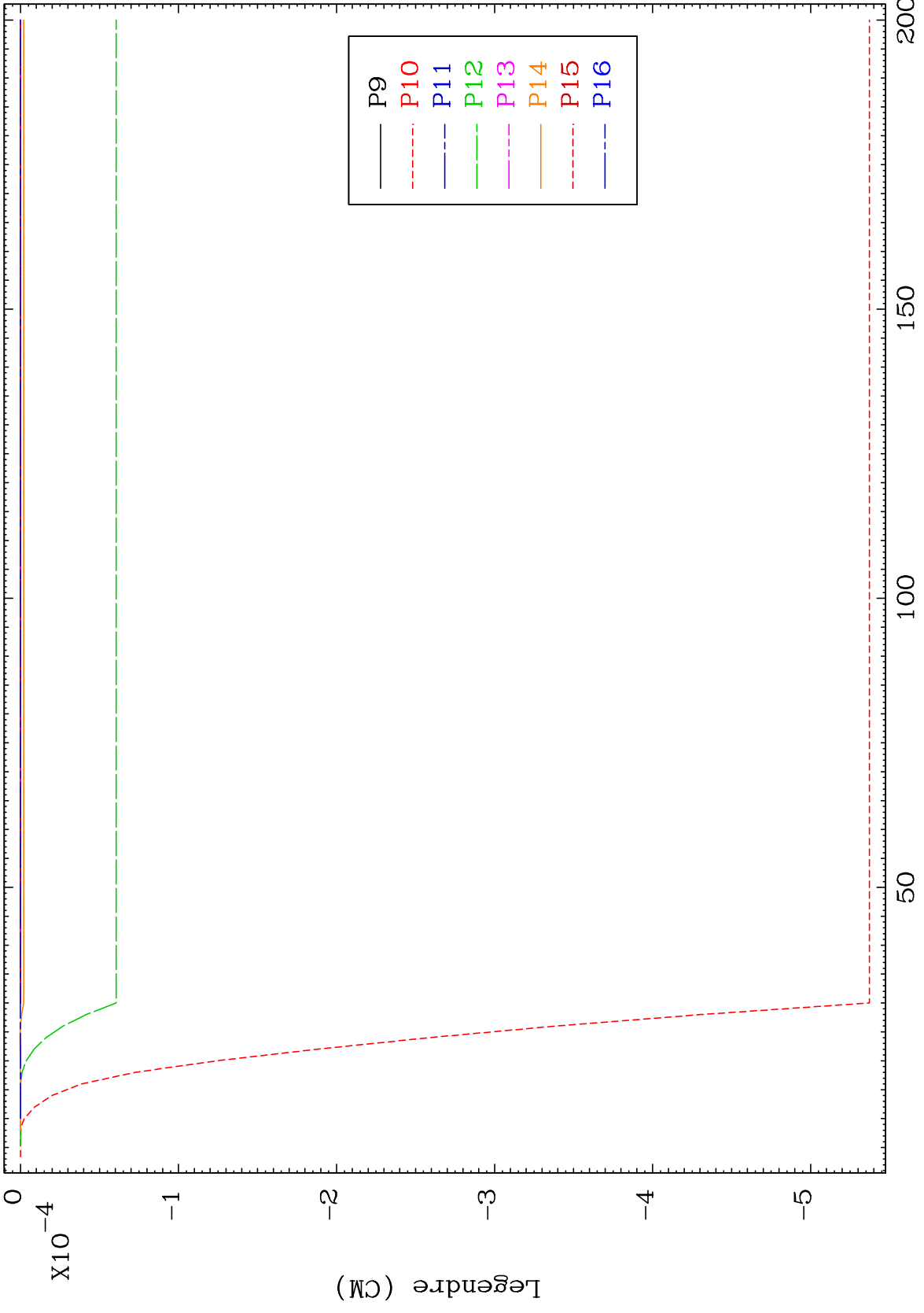
44 25-Mn-54

MAT 2522 MT= 60 (n,n') Level Legendre Coefficients 25-Mn-54



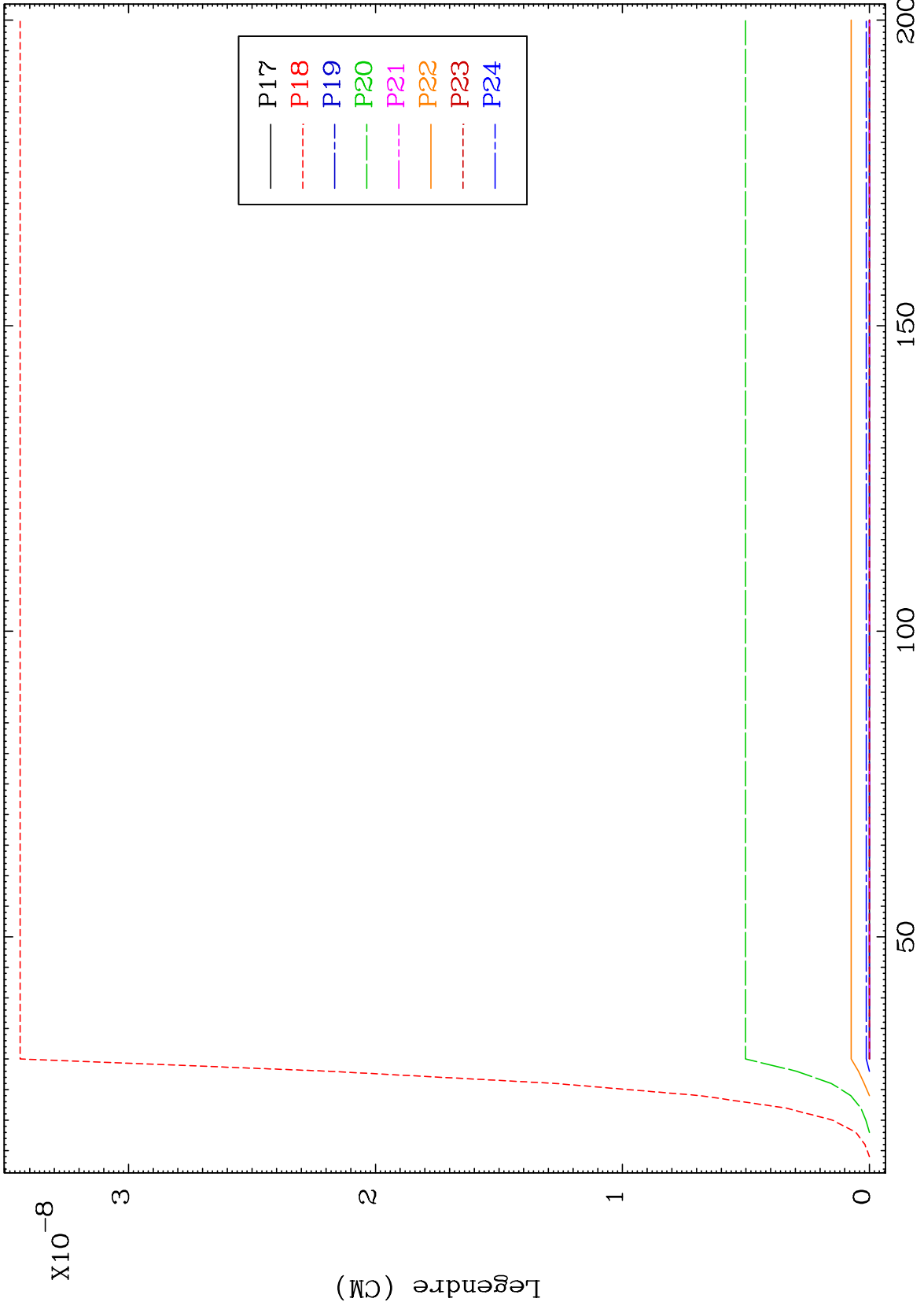
Incident Energy (MeV) 25-Mn-54

MAT 2522 MT= 60 (n,n') Level Legendre Coefficients 25-Mn-54



46 Incident Energy (MeV) 200 25-Mn-54

MAT 2522 MT= 60 (n,n') Level Legendre Coefficients 25-Mn-54

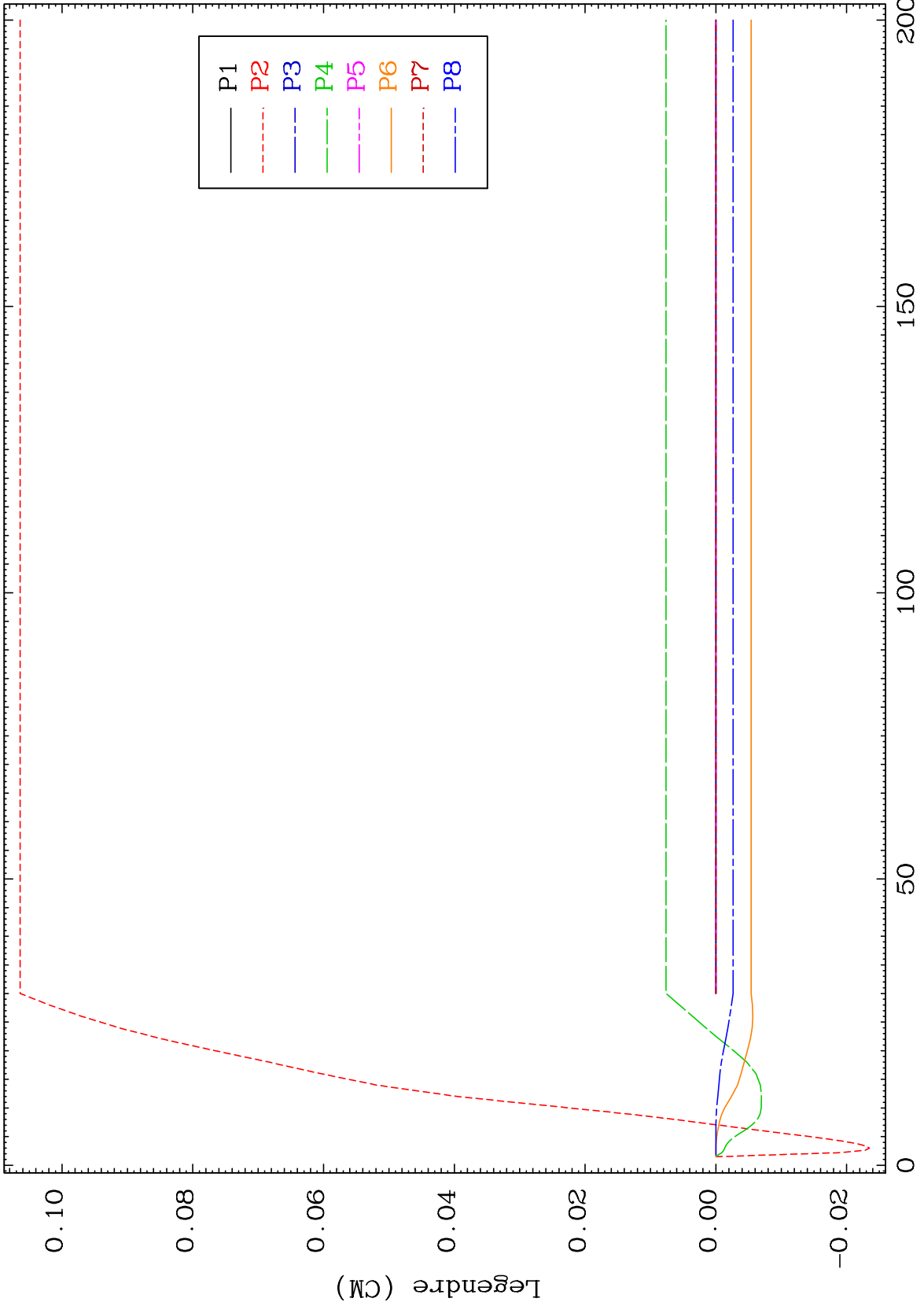


47 50 100 150 200 25-Mn-54

MAT 2522

MT= 61 (n,n') Level
Legendre Coefficients

25-Mn-54

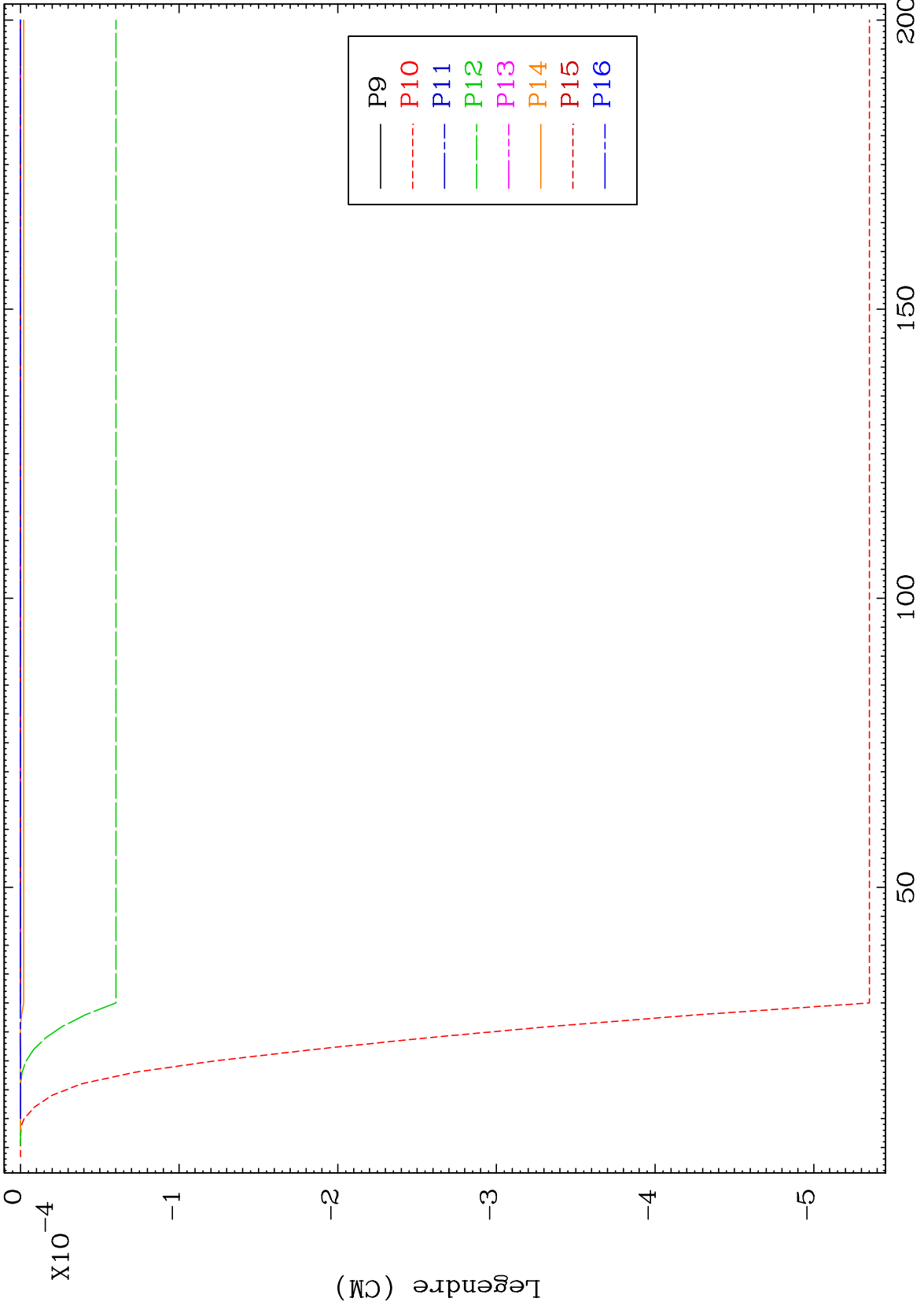


25-Mn-54

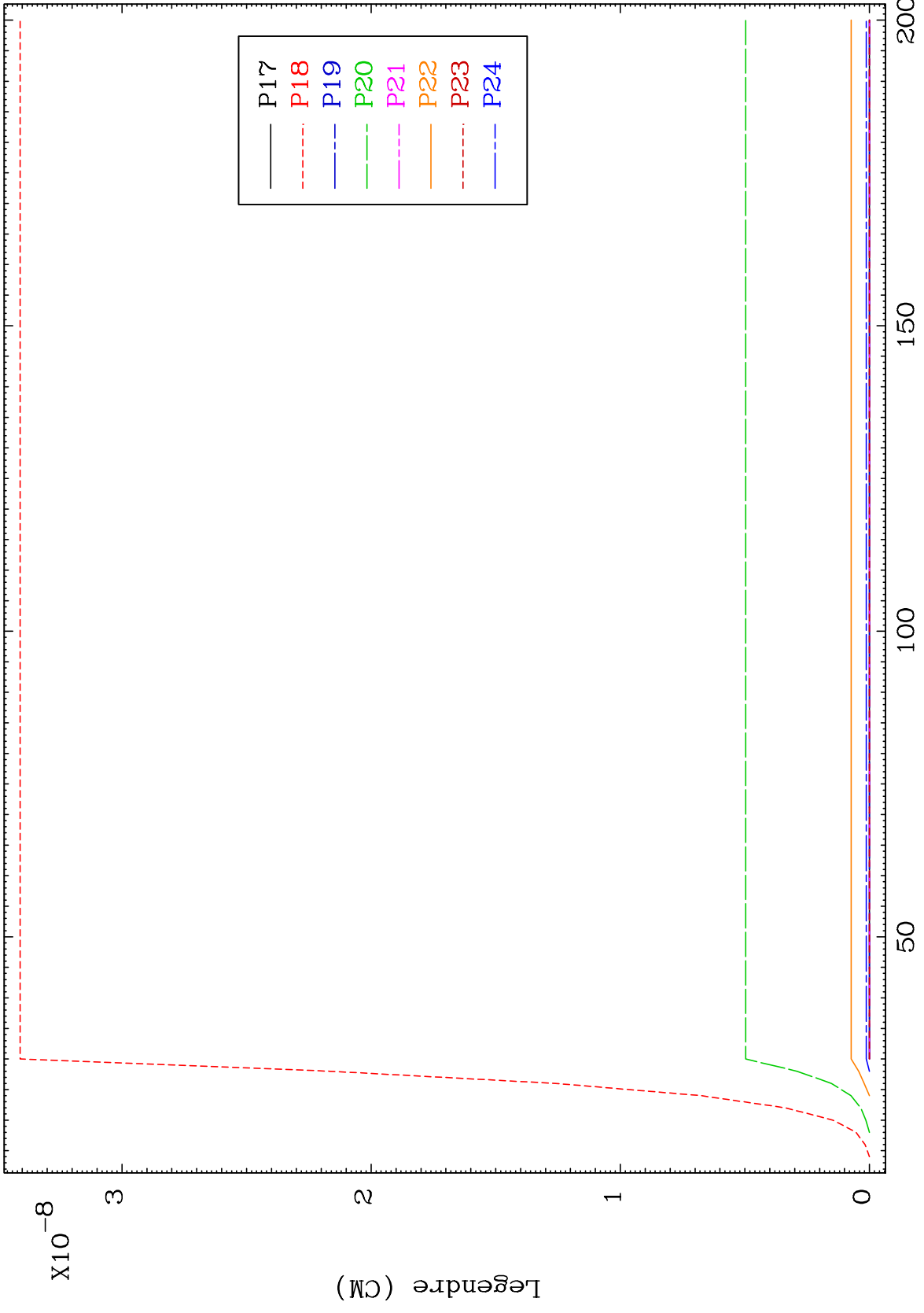
Incident Energy (MeV)

48

MAT 2522 MT= 61 (n,n') Level Legendre Coefficients 25-Mn-54



MAT 2522 MT= 61 (n,n') Level Legendre Coefficients 25-Mn-54

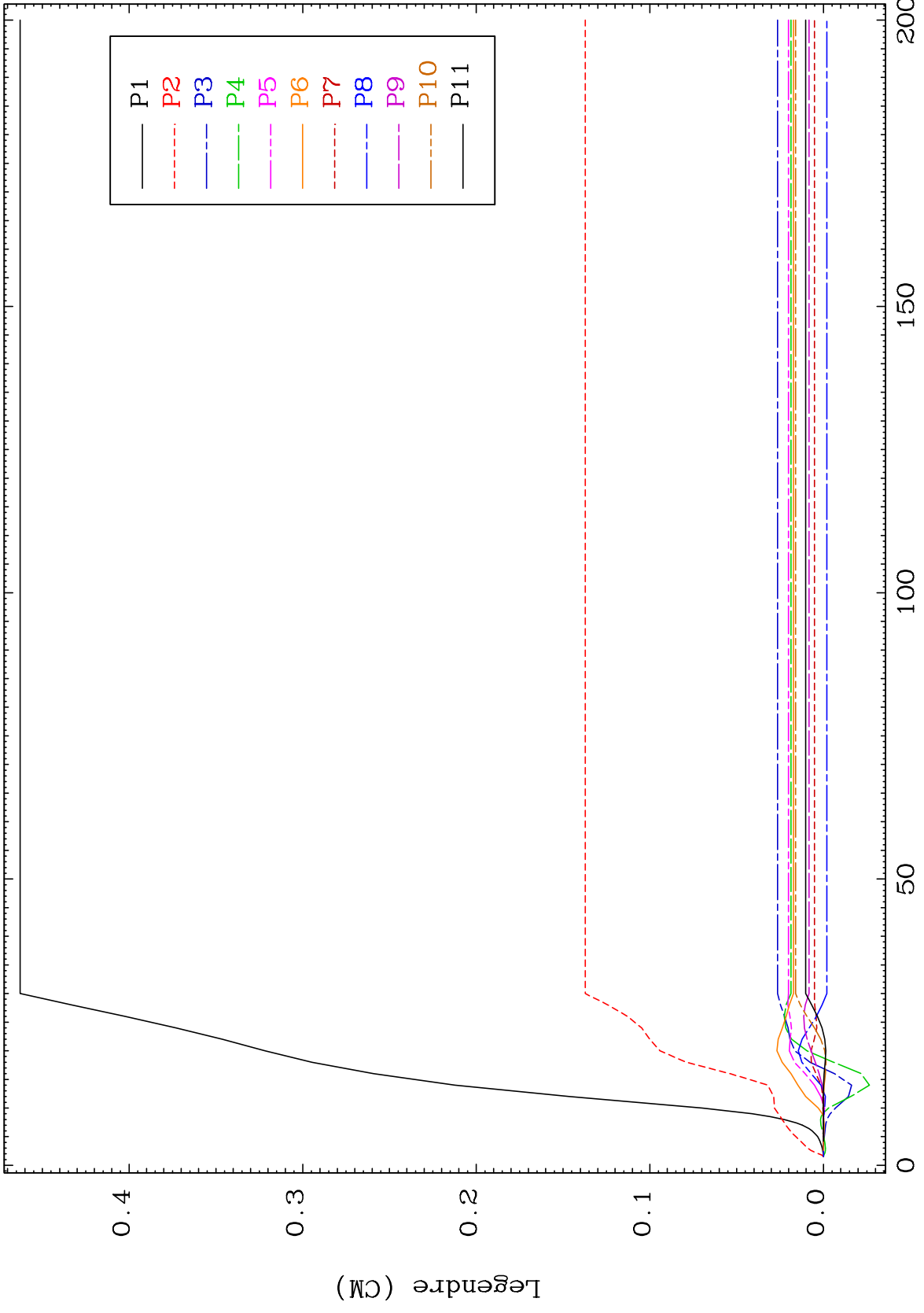


25-Mn-54

MAT 2522

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

25-Mn-54



51

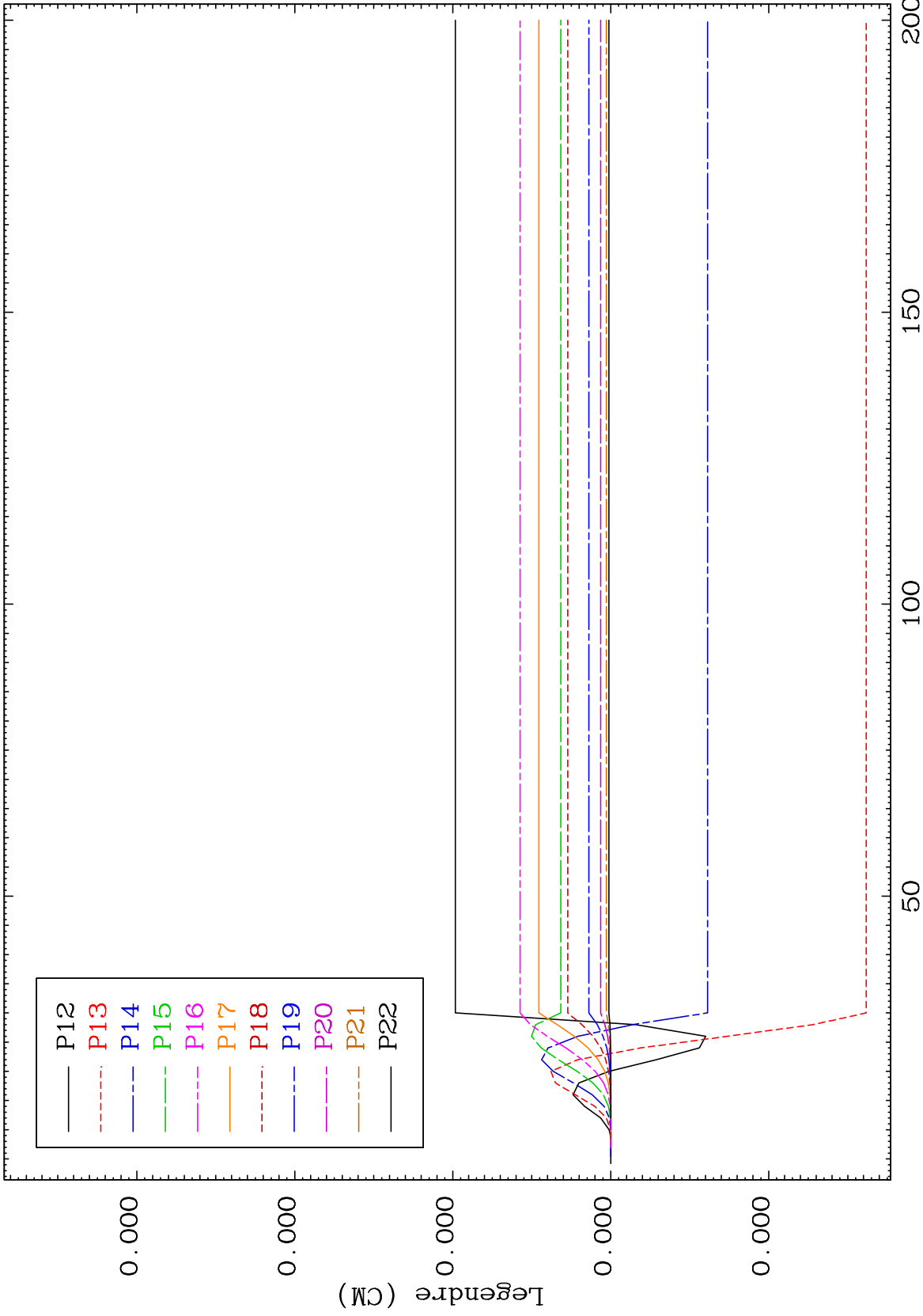
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



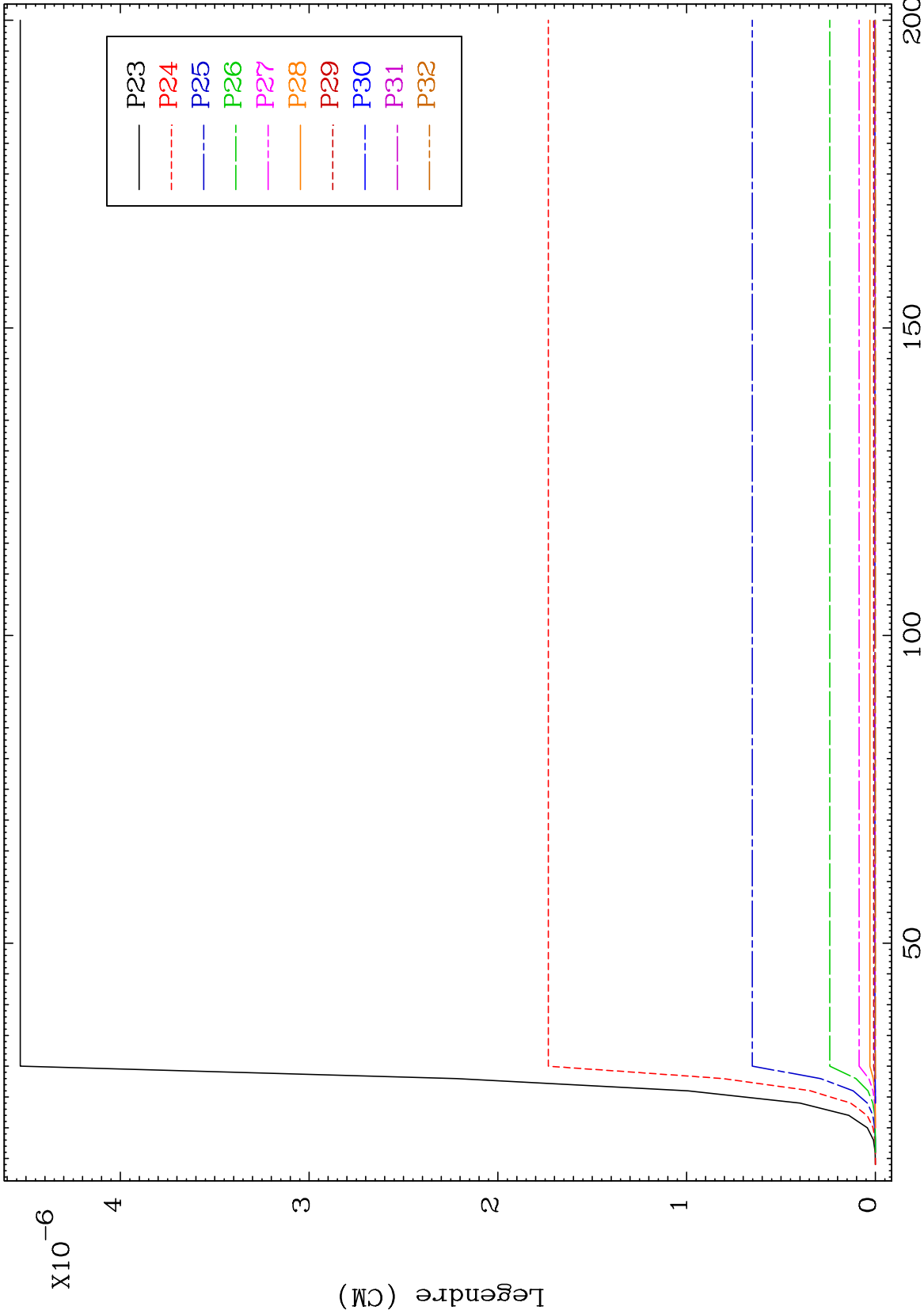
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25-Mn-54

MAT 2522

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

25-Mn-54

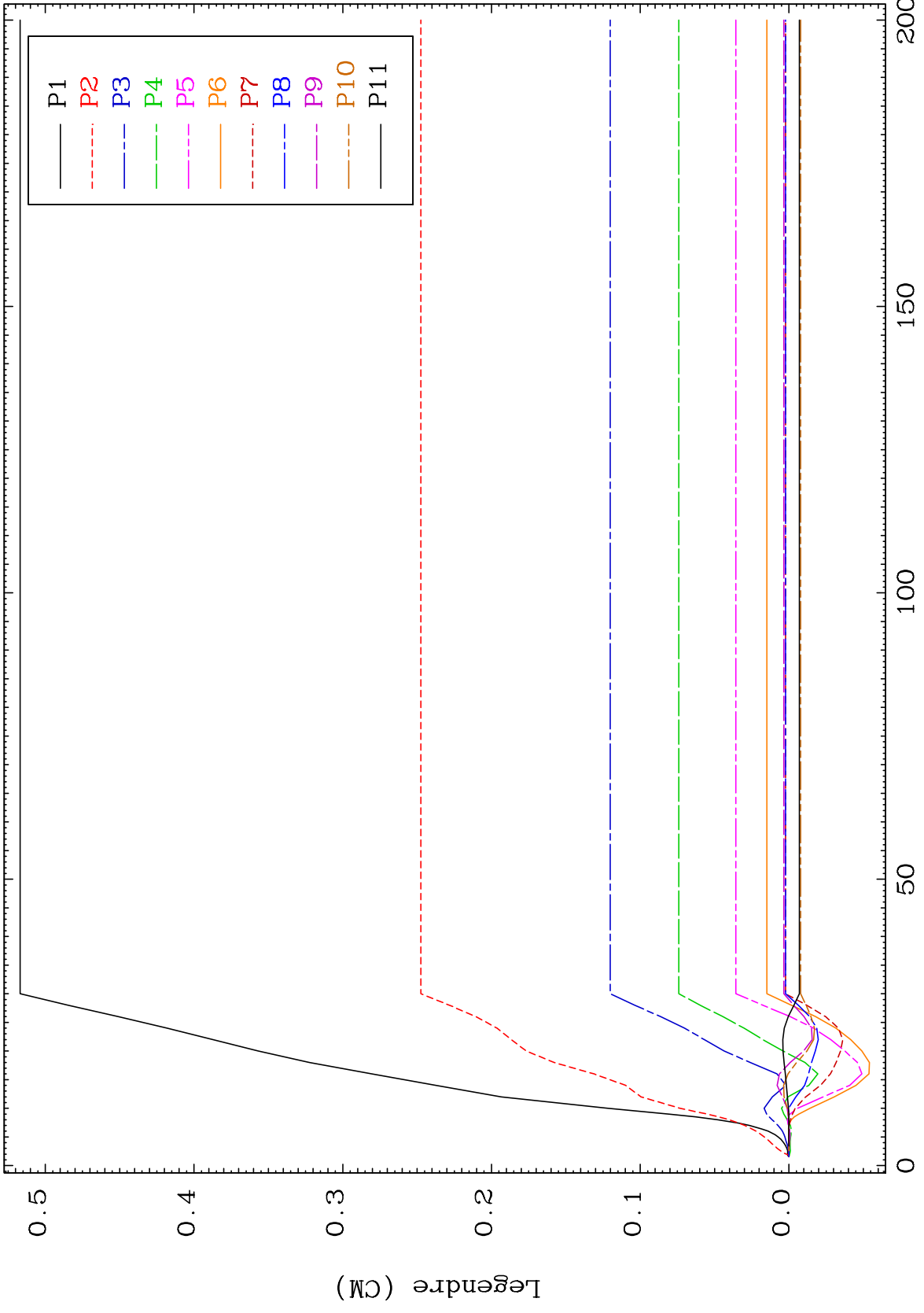


53

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 63 (n,n') Level Legendre Coefficients 25-Mn-54

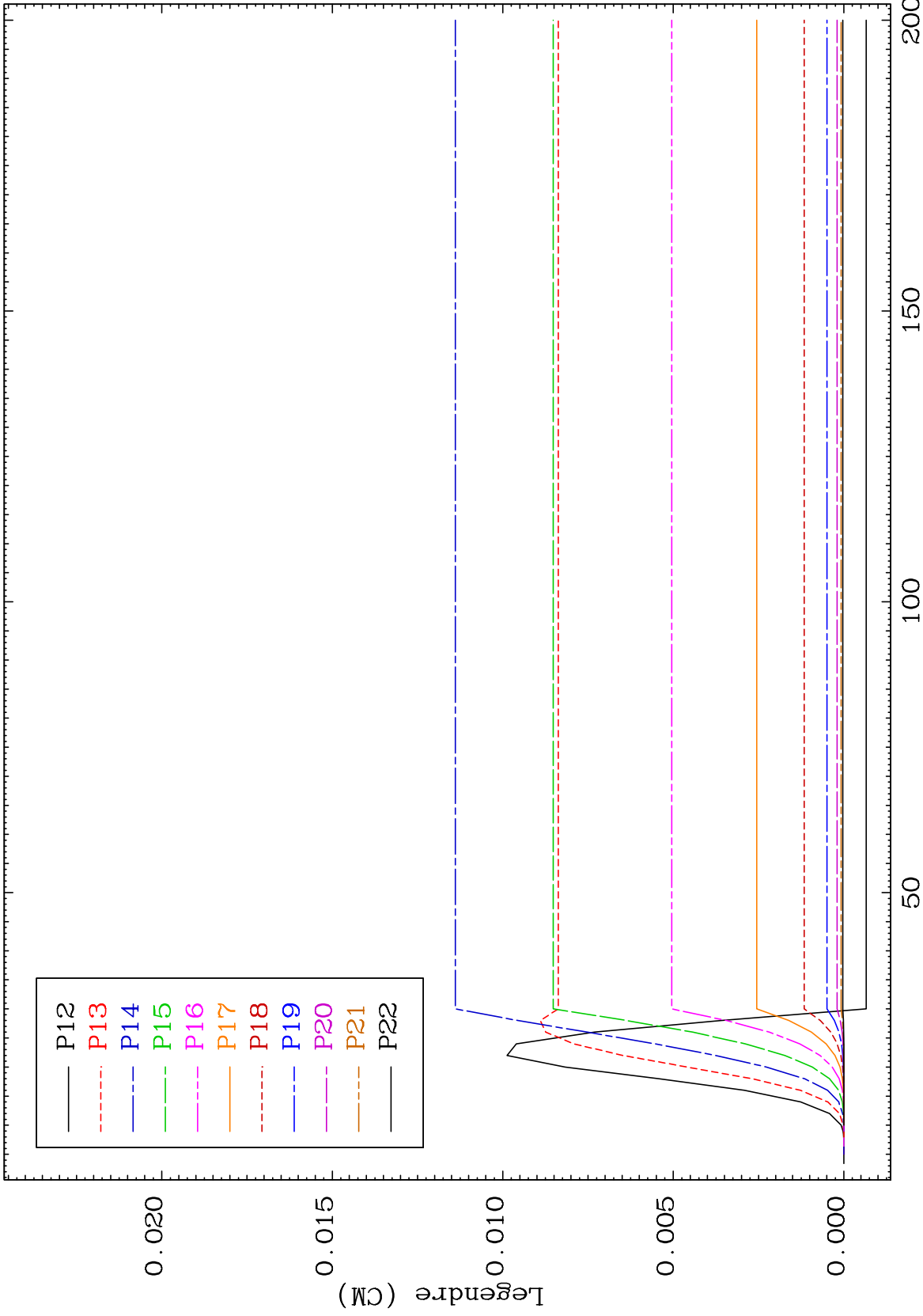


54 Incident Energy (MeV) 25-Mn-54

MAT 2522

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

25-Mn-54



55

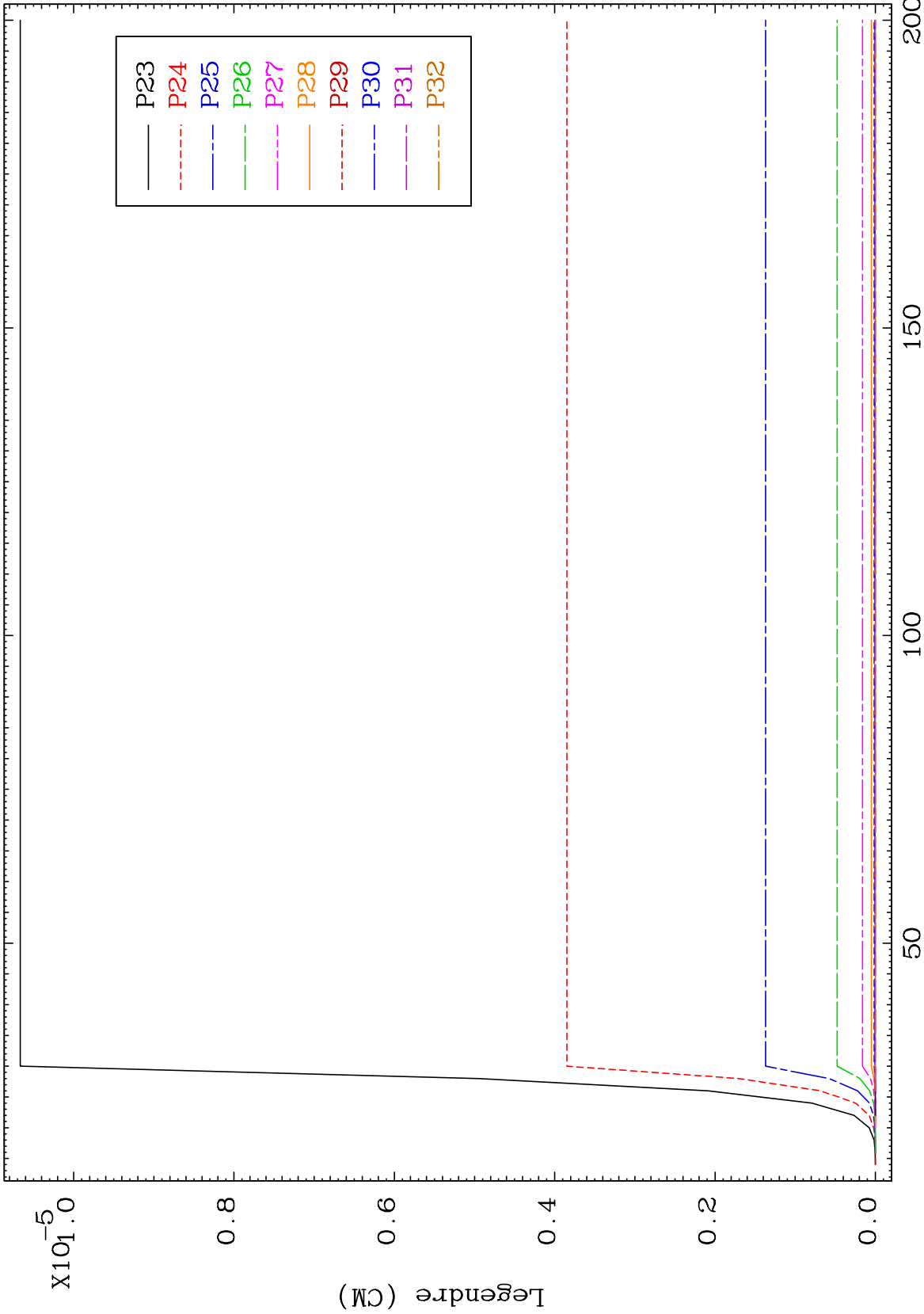
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54

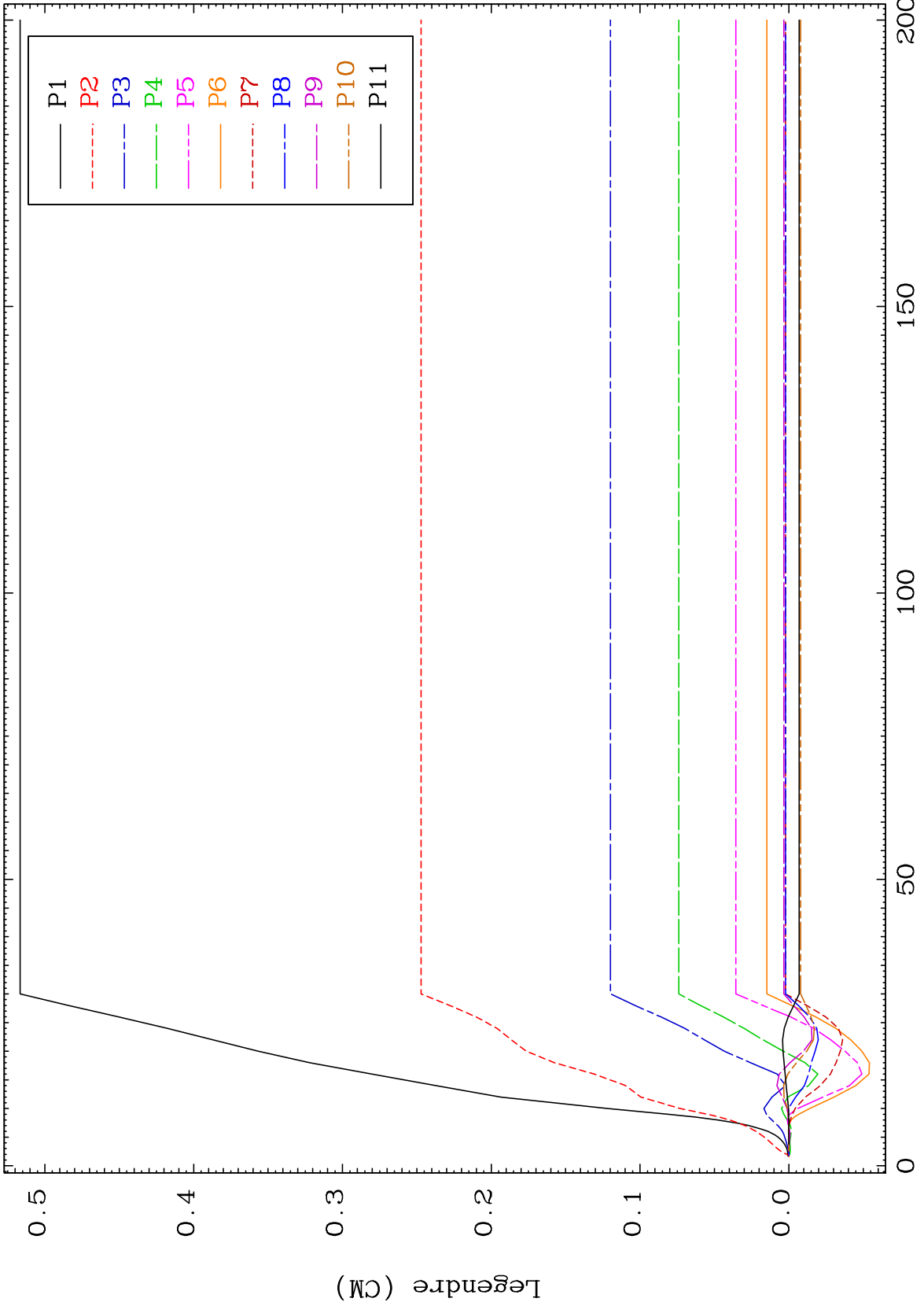


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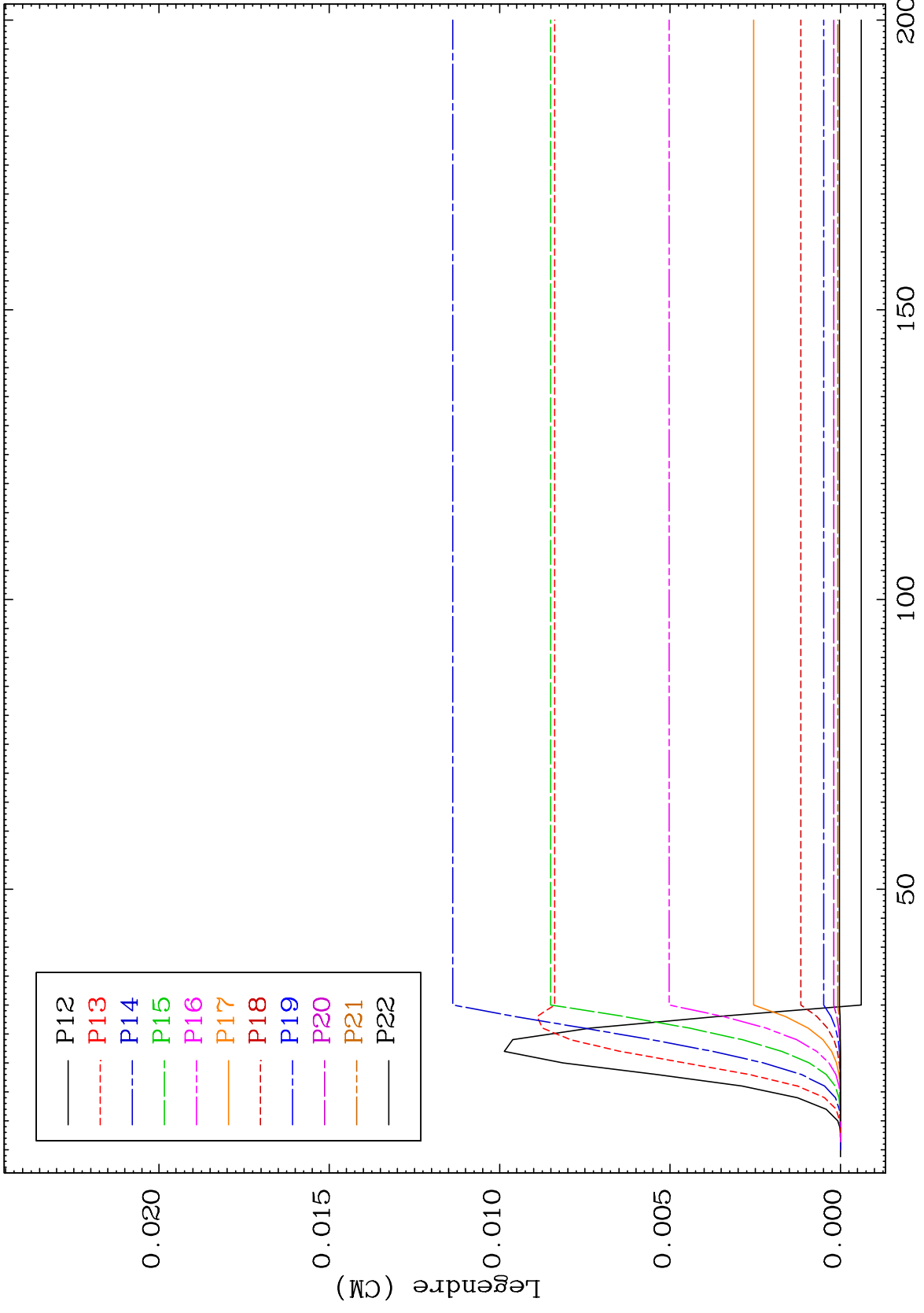
Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 64 (n,n') Level Legendre Coefficients 25-Mn-54



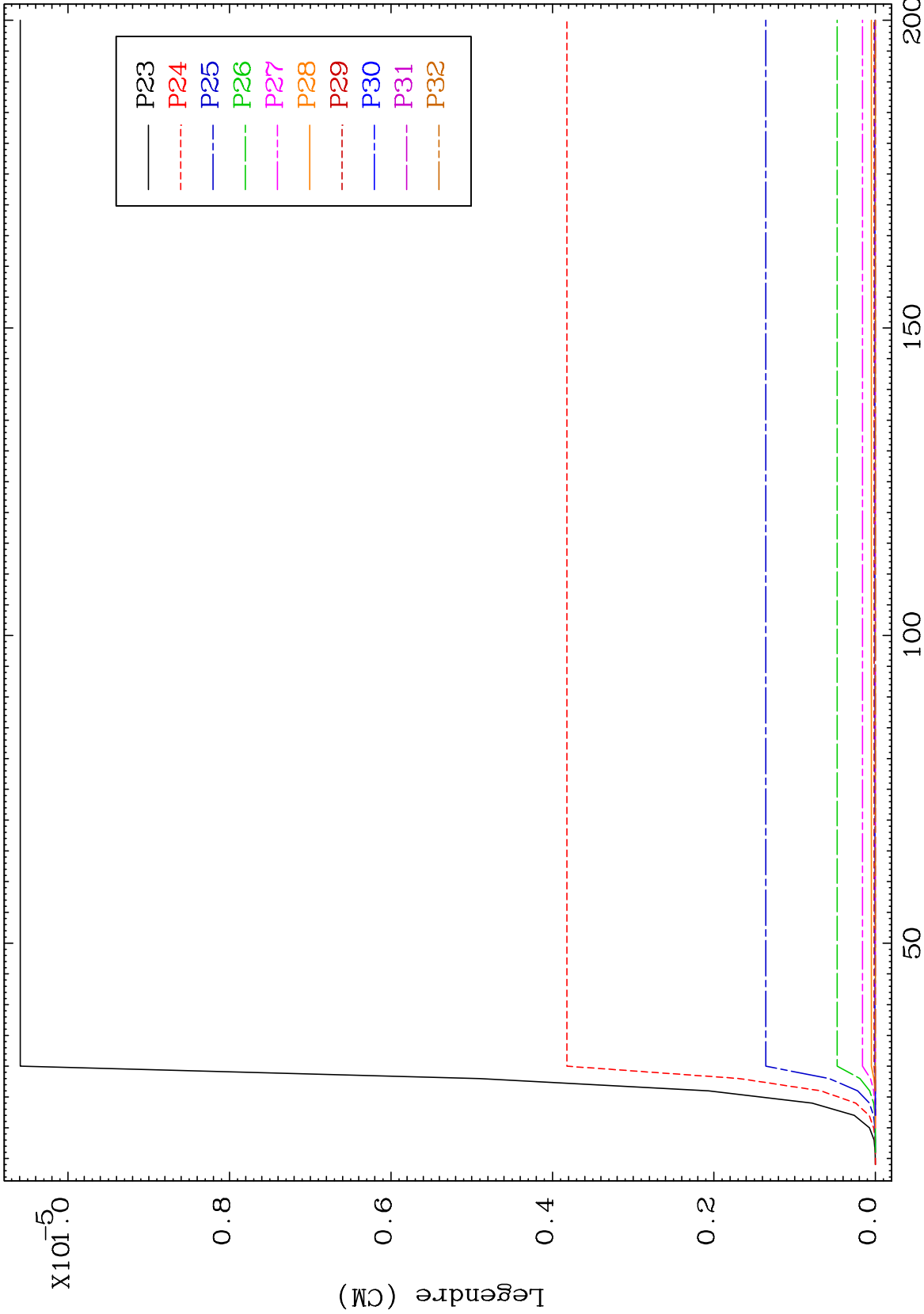
57 Incident Energy (MeV) 25-Mn-54



MAT 2522

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

25-Mn-54

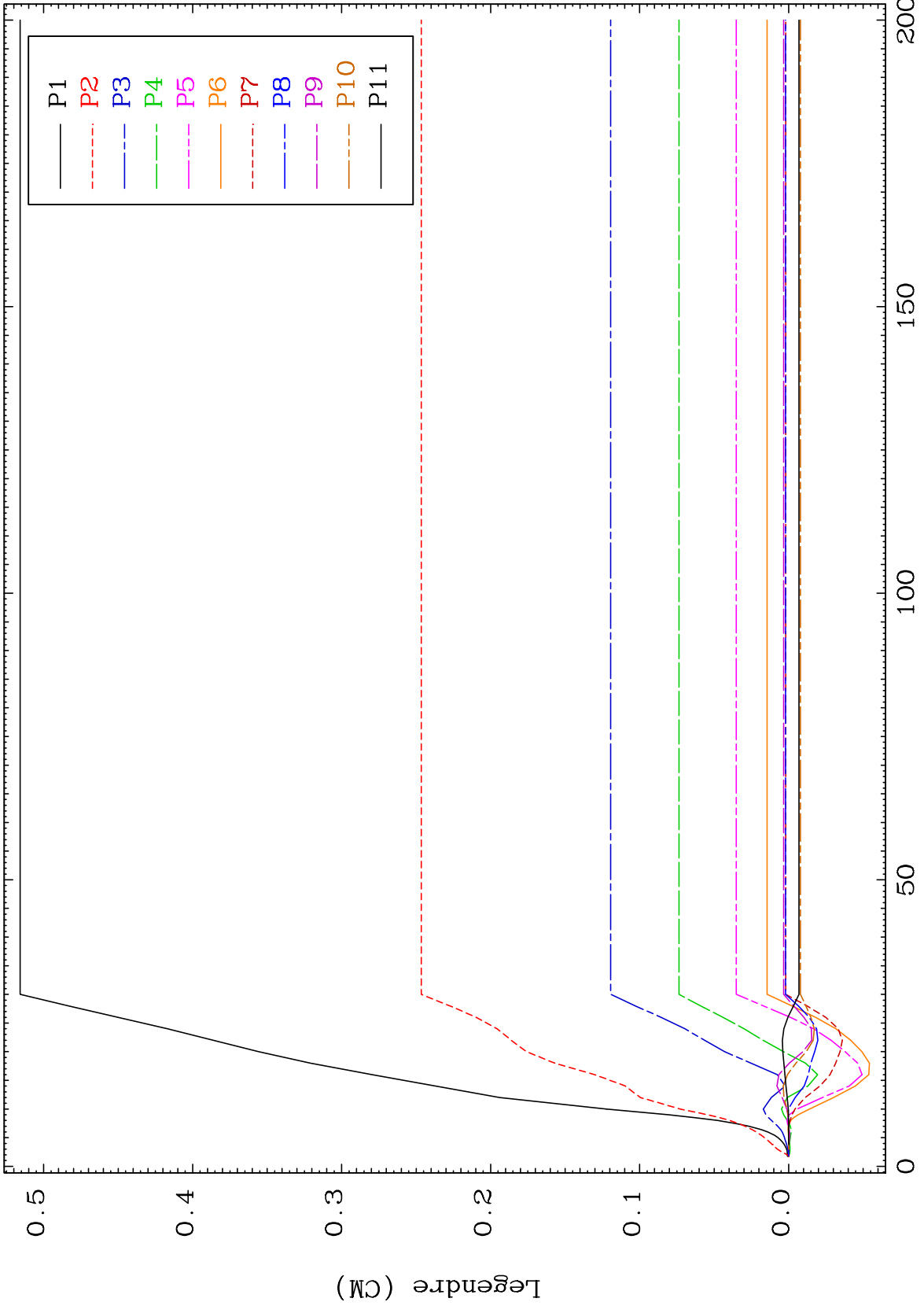


59

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 65 (n,n') Level Legendre Coefficients 25-Mn-54

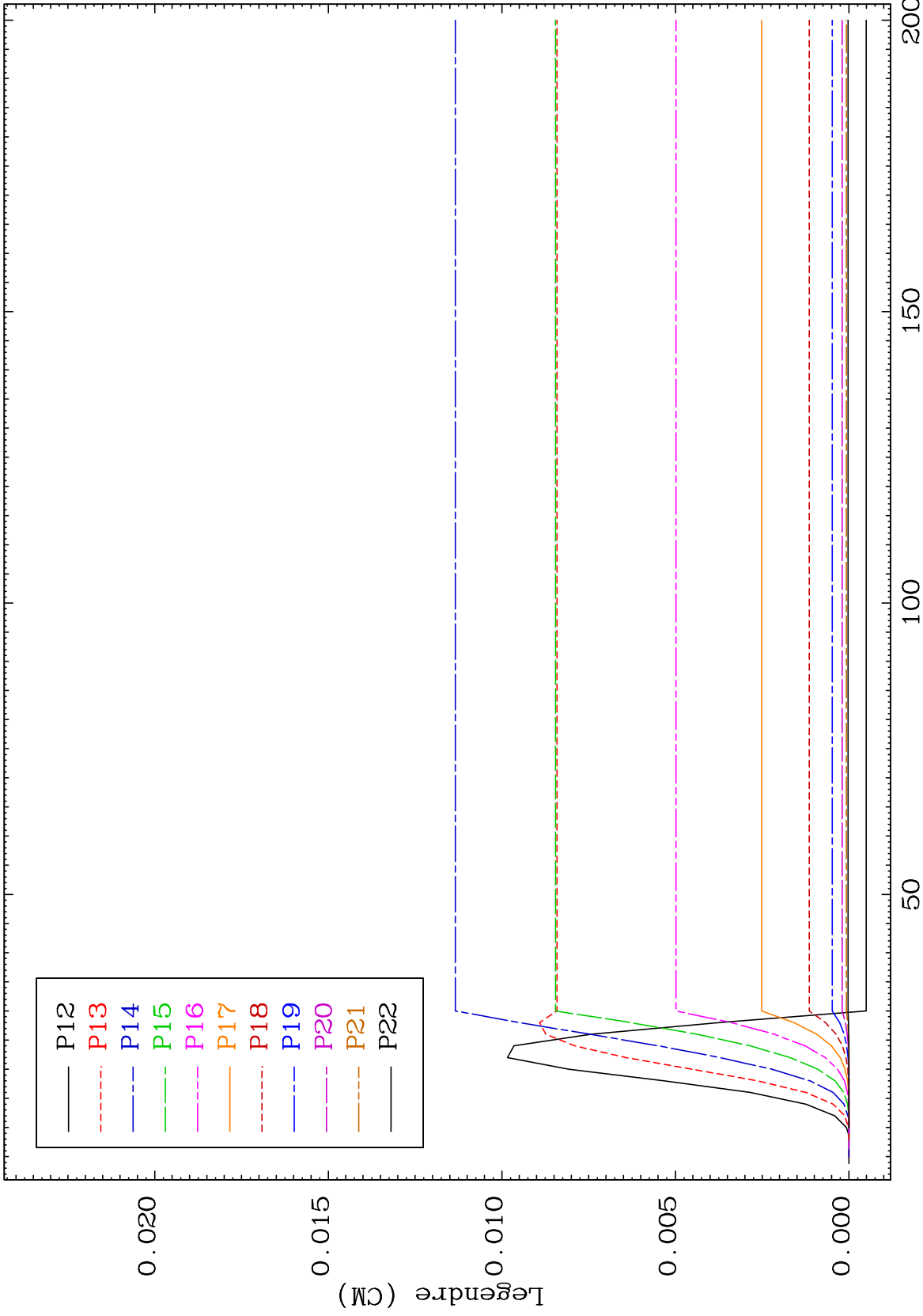


Incident Energy (MeV) 25-Mn-54

MAT 2522

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

25-Mn-54



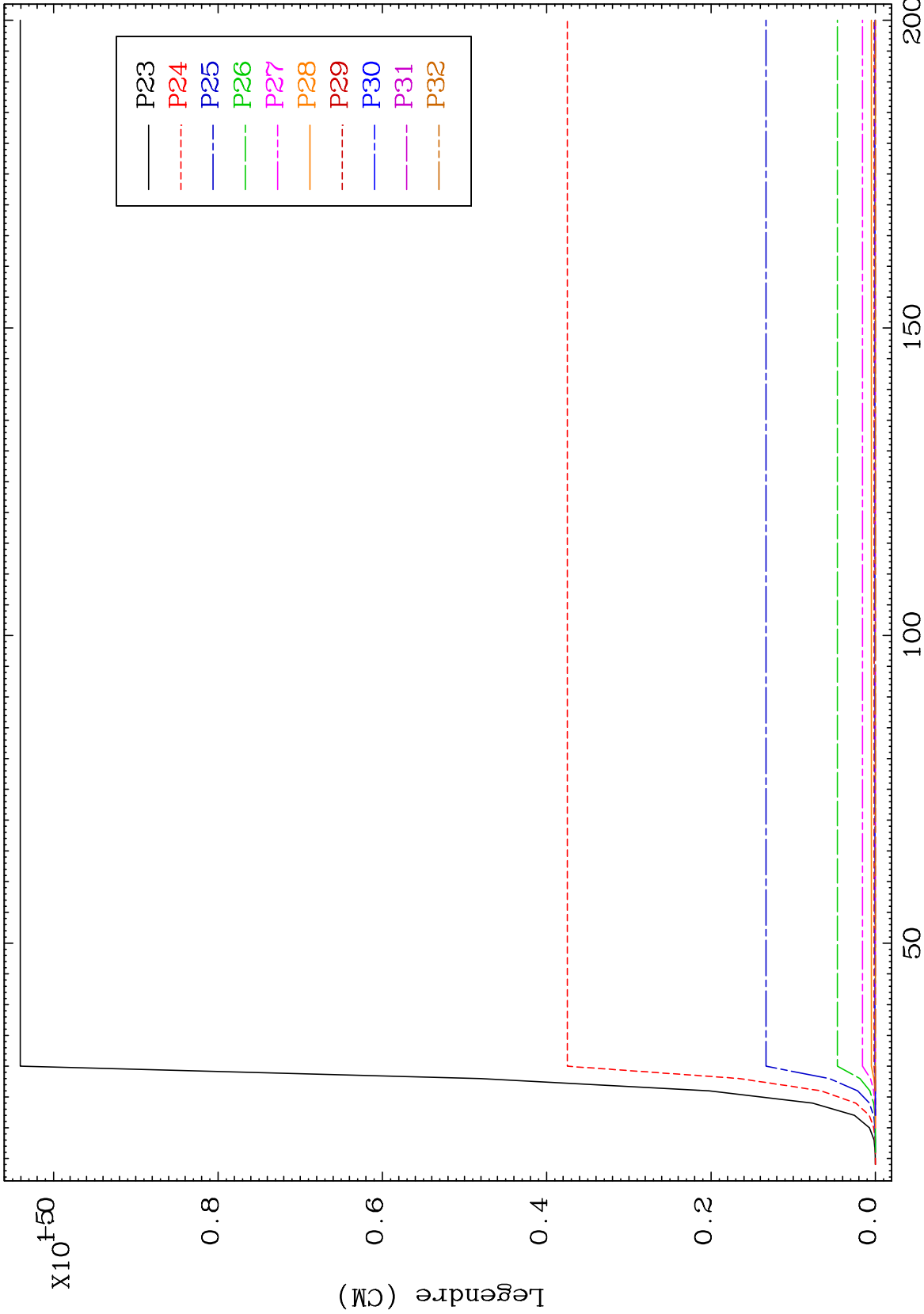
61

25-Mn-54

MAT 2522

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

25-Mn-54

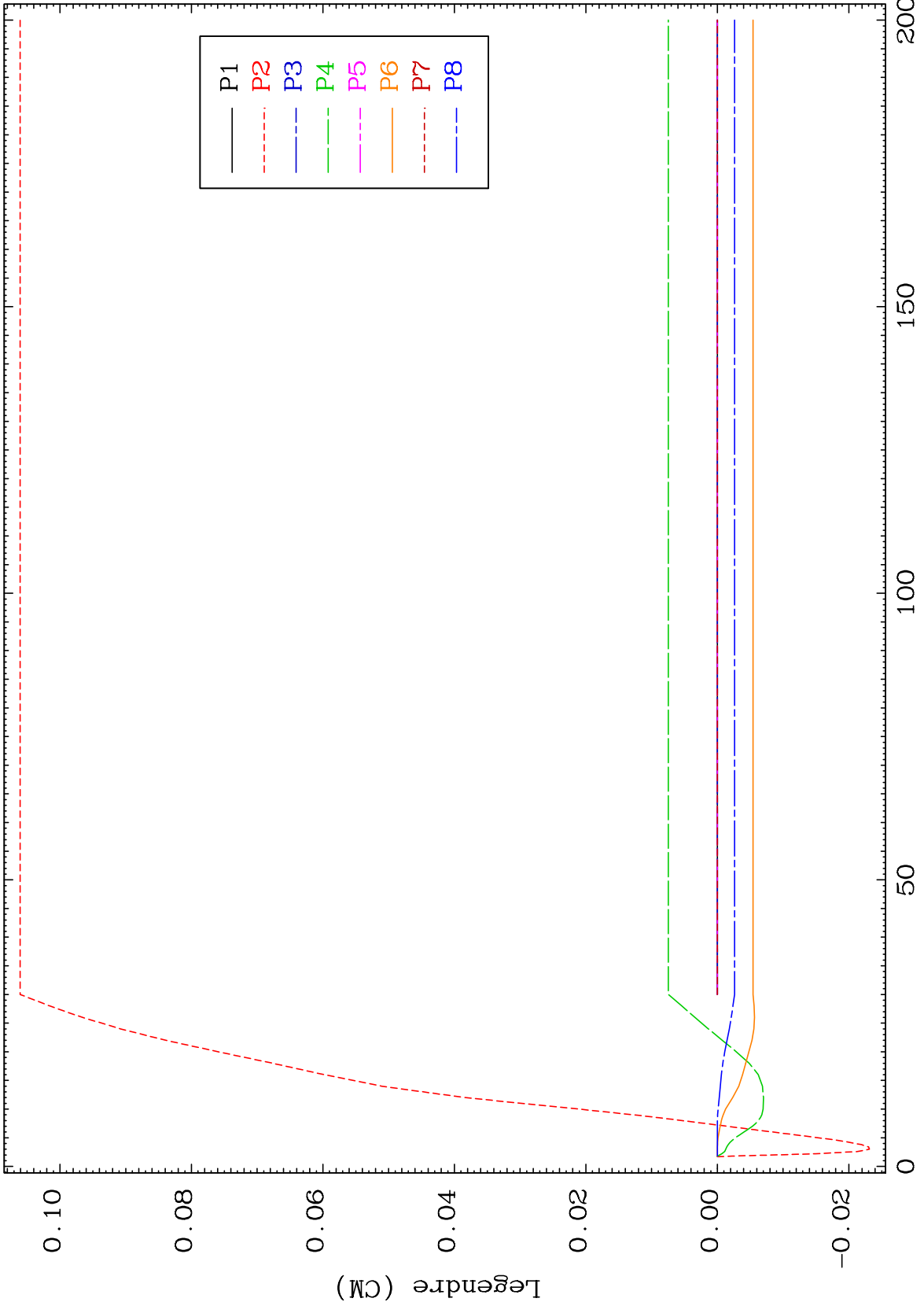


62

Incident Energy (MeV)

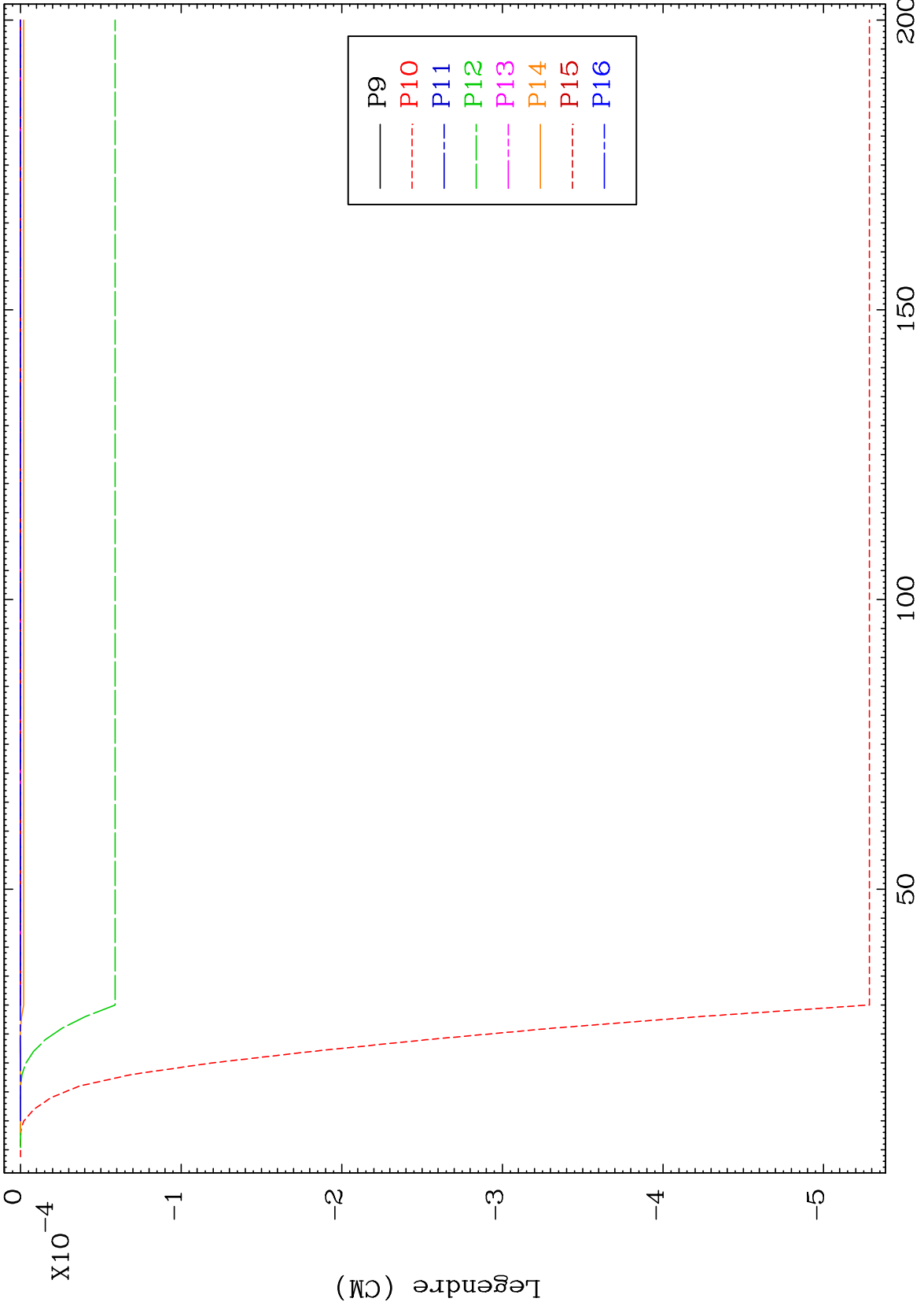
25-Mn-54

MAT 2522 MT= 66 (n,n') Level Legendre Coefficients 25-Mn-54



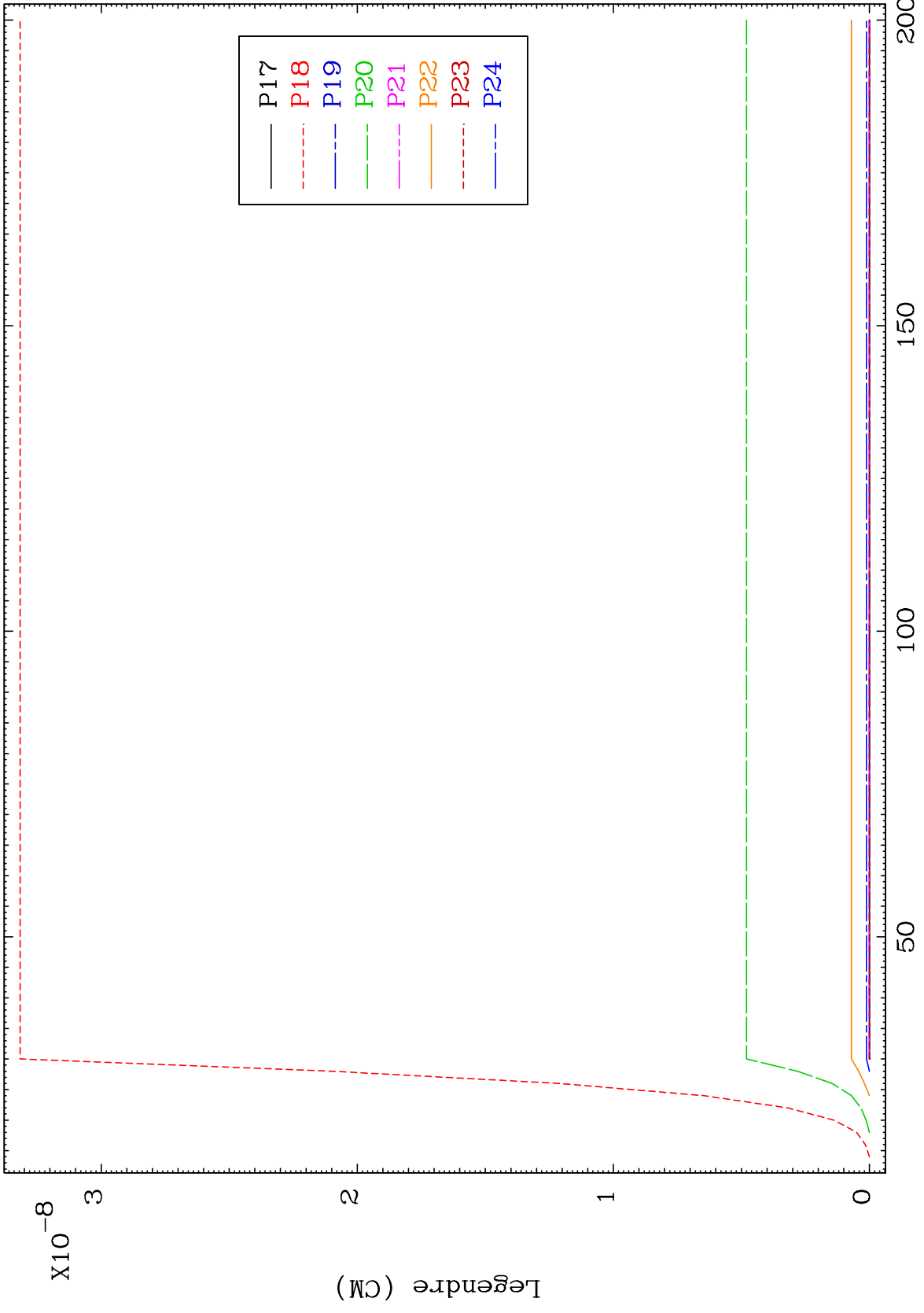
63 25-Mn-54

MAT 2522 MT= 66 (n,n') Level Legendre Coefficients 25-Mn-54



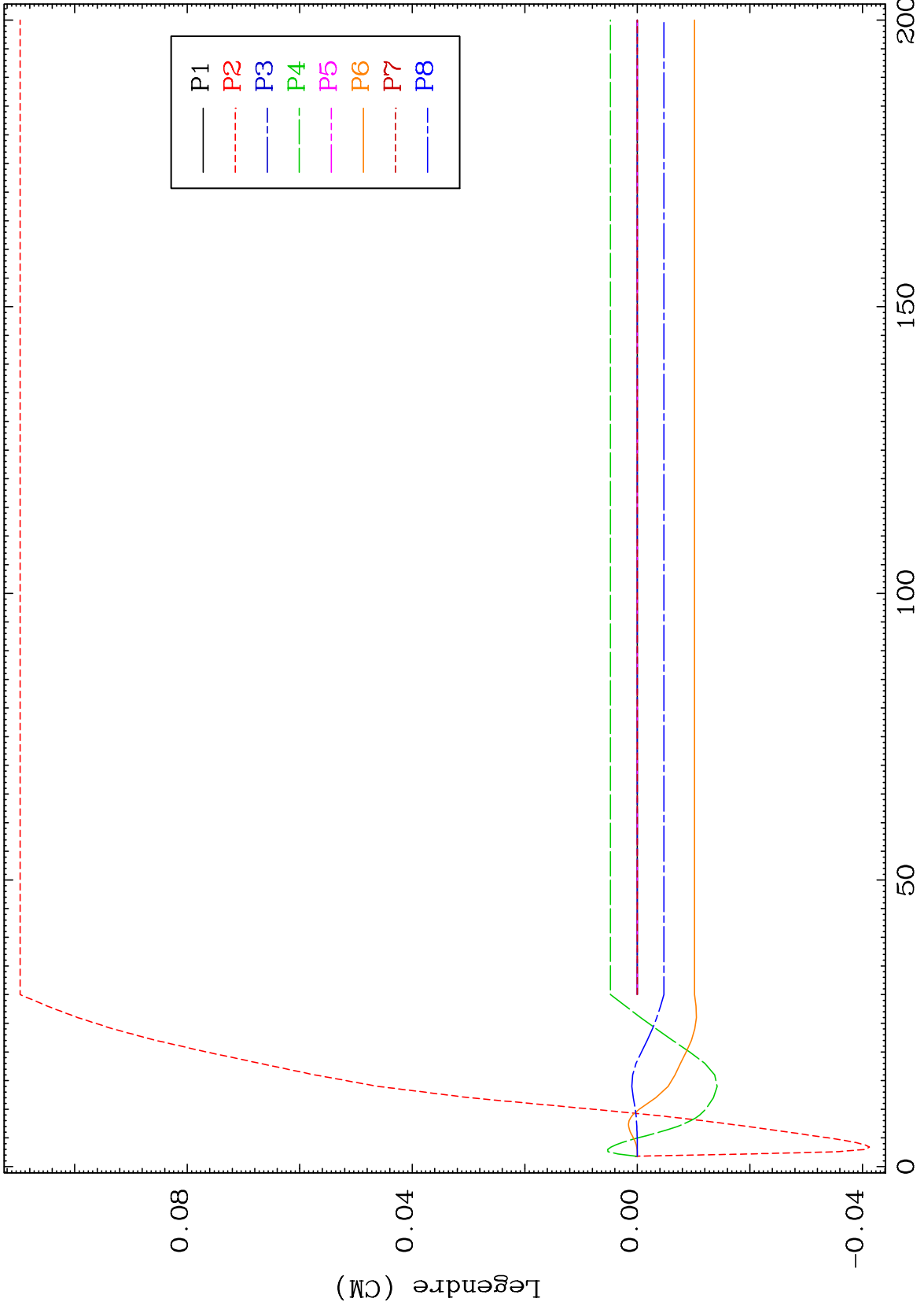
64 25-Mn-54

MAT 2522 MT= 66 (n,n') Level Legendre Coefficients 25-Mn-54



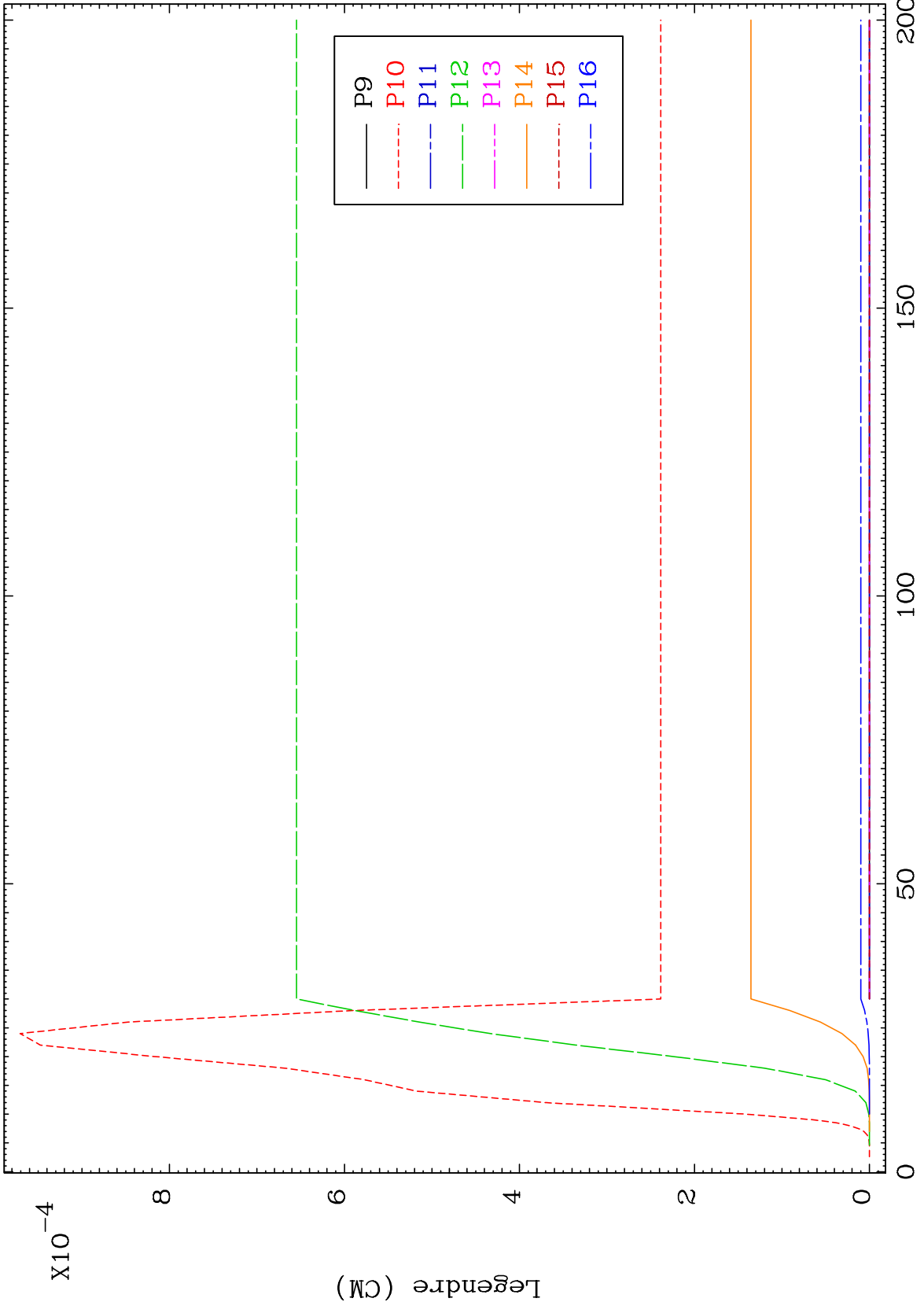
65 50 100 150 200 25-Mn-54

MAT 2522 MT= 67 (n,n') Level Legendre Coefficients 25-Mn-54



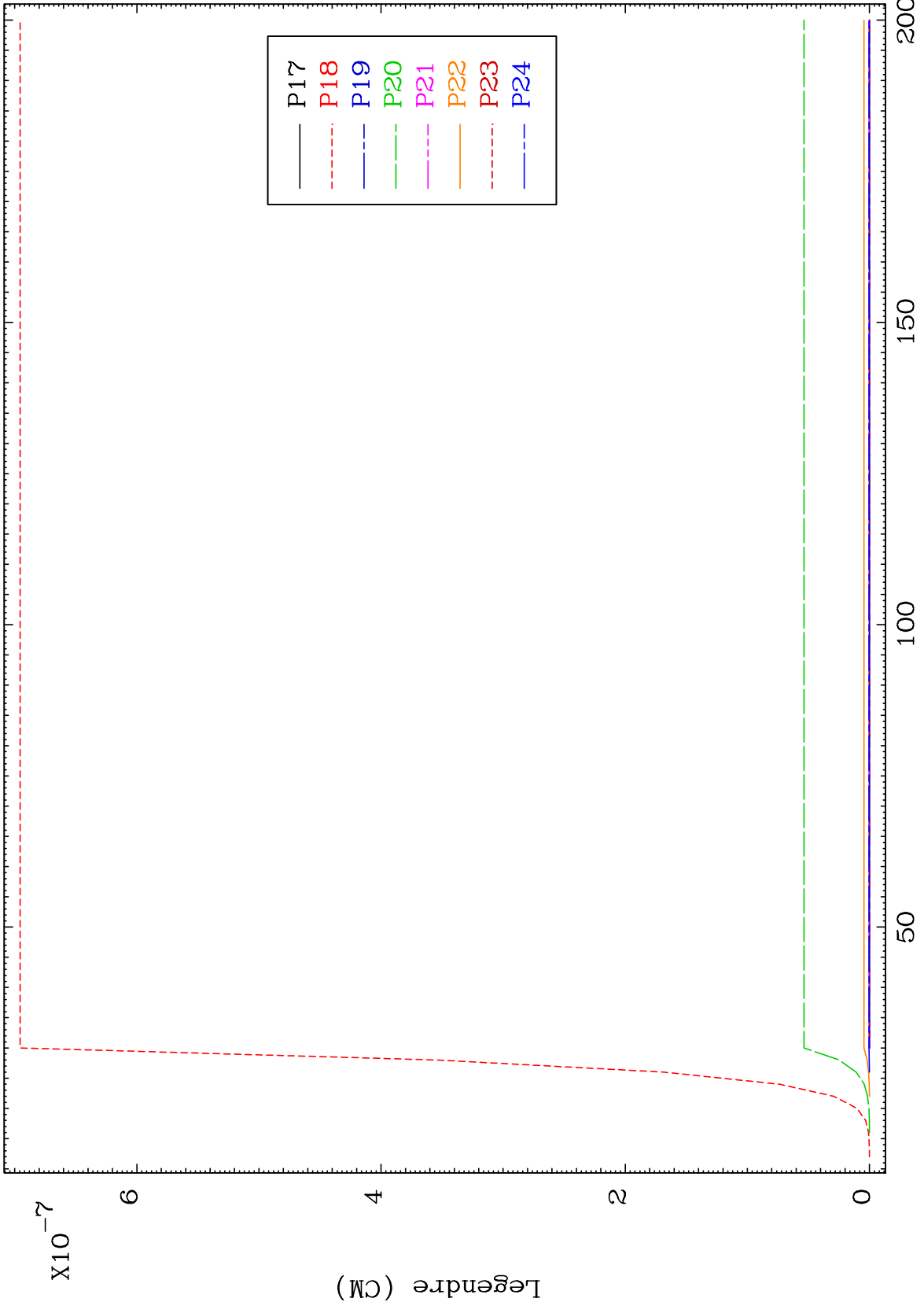
66 Incident Energy (MeV) 25-Mn-54

MAT 2522 MT= 67 (n,n') Level Legendre Coefficients 25-Mn-54



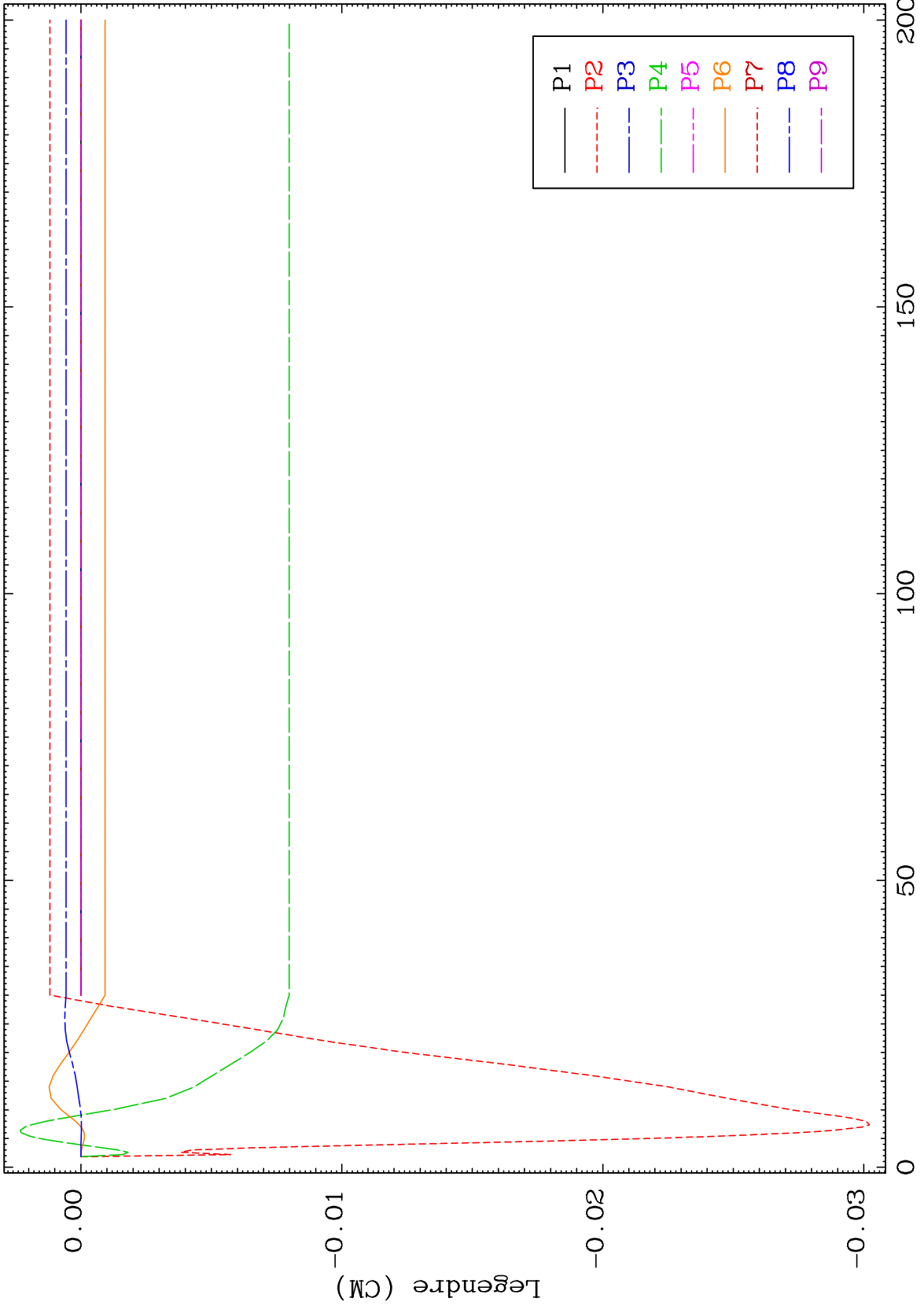
67 25-Mn-54

MAT 2522 MT= 67 (n,n') Level Legendre Coefficients 25-Mn-54



68 25-Mn-54

MAT 2522 MT= 68 (n,n') Level Legendre Coefficients 25-Mn-54

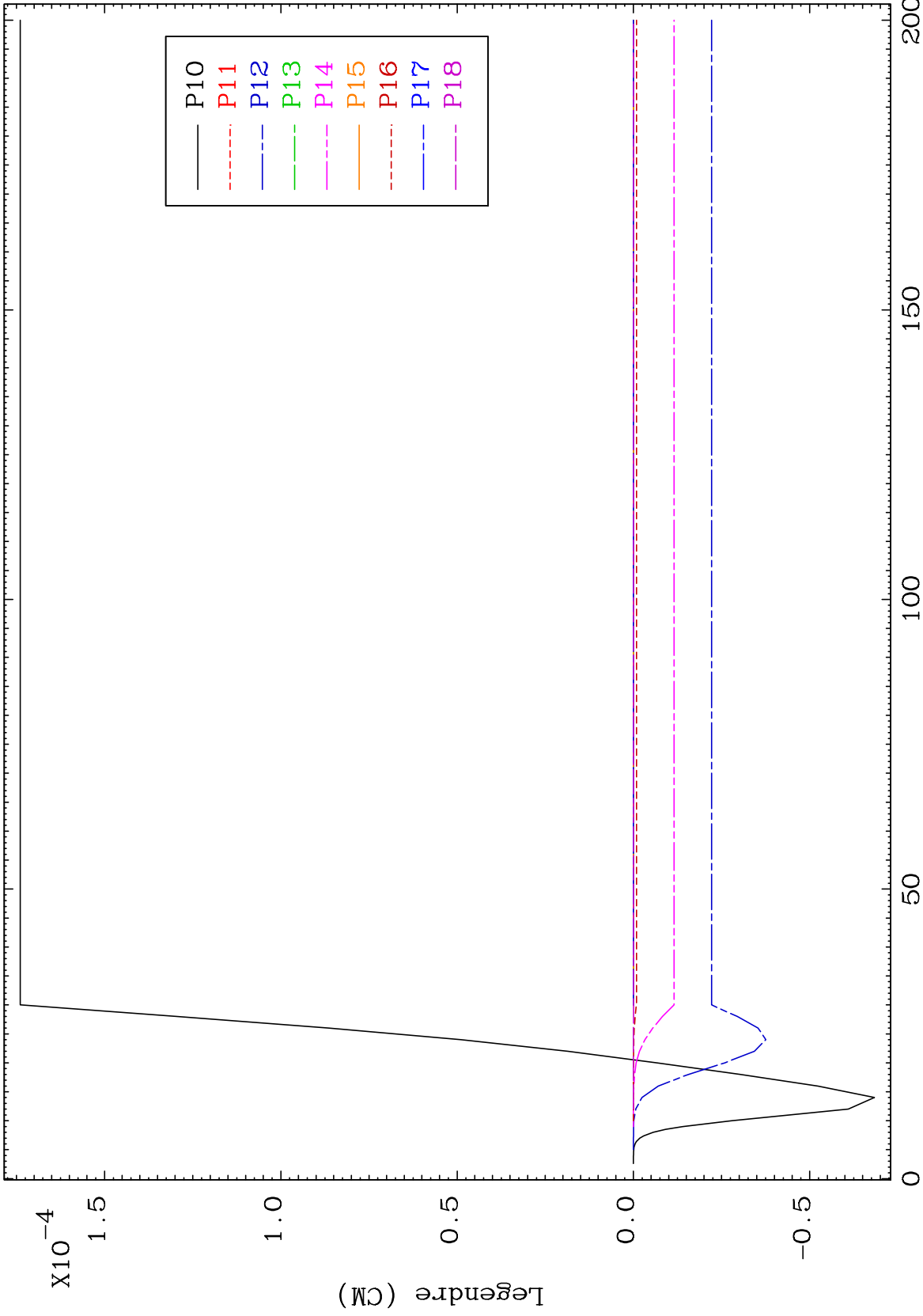


69 25-Mn-54

MAT 2522

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

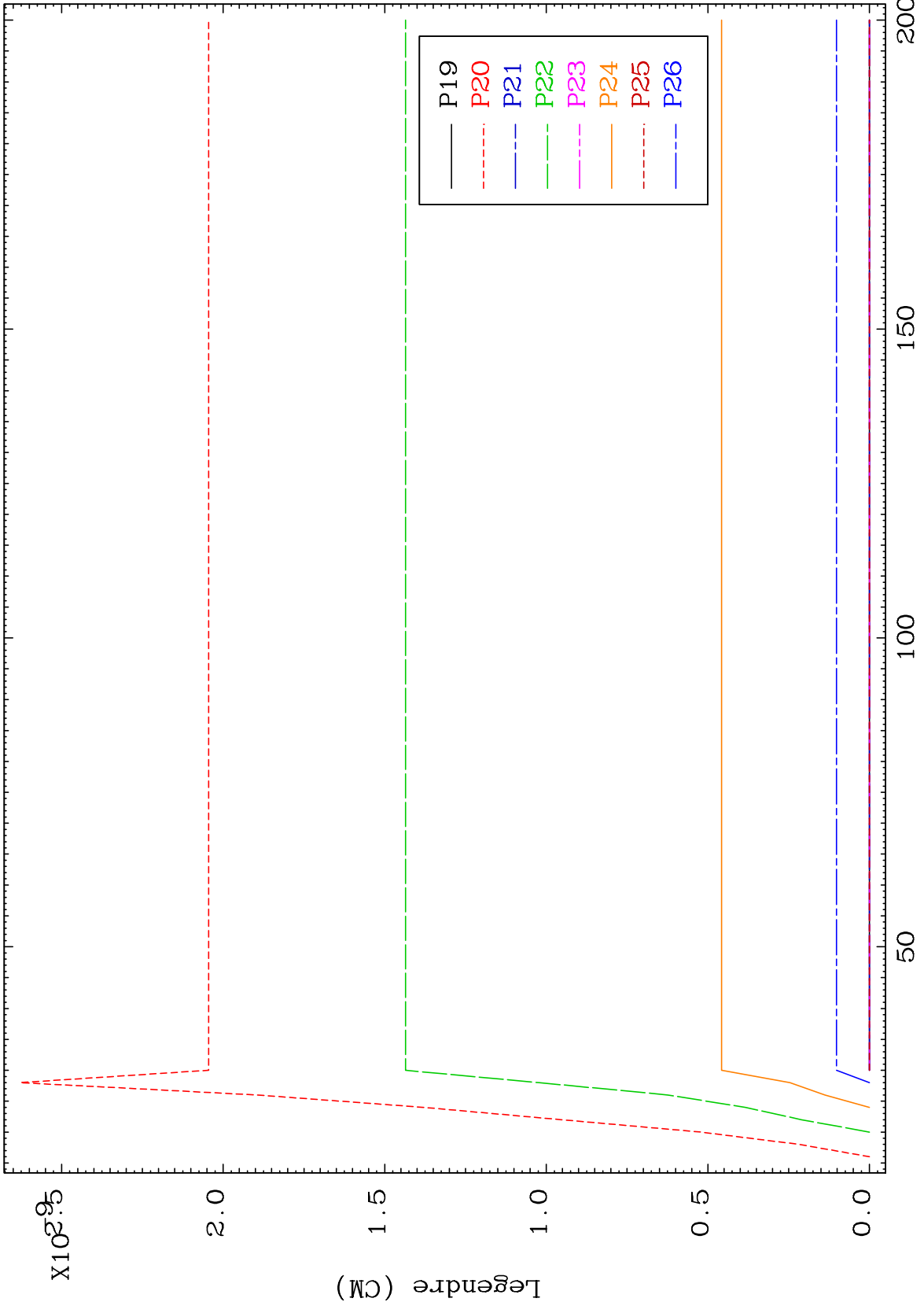
25-Mn-54



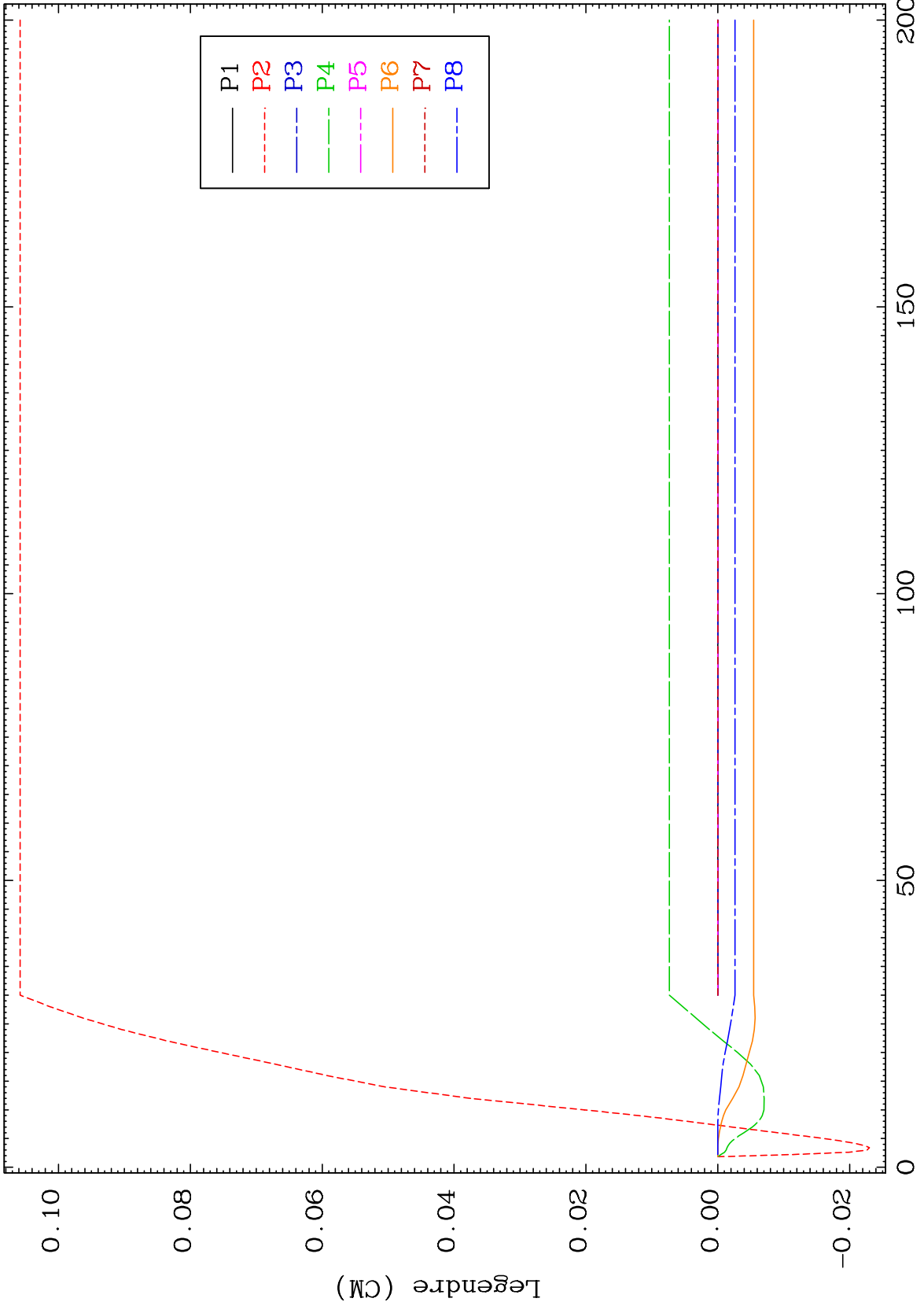
70

Incident Energy (MeV)

25-Mn-54

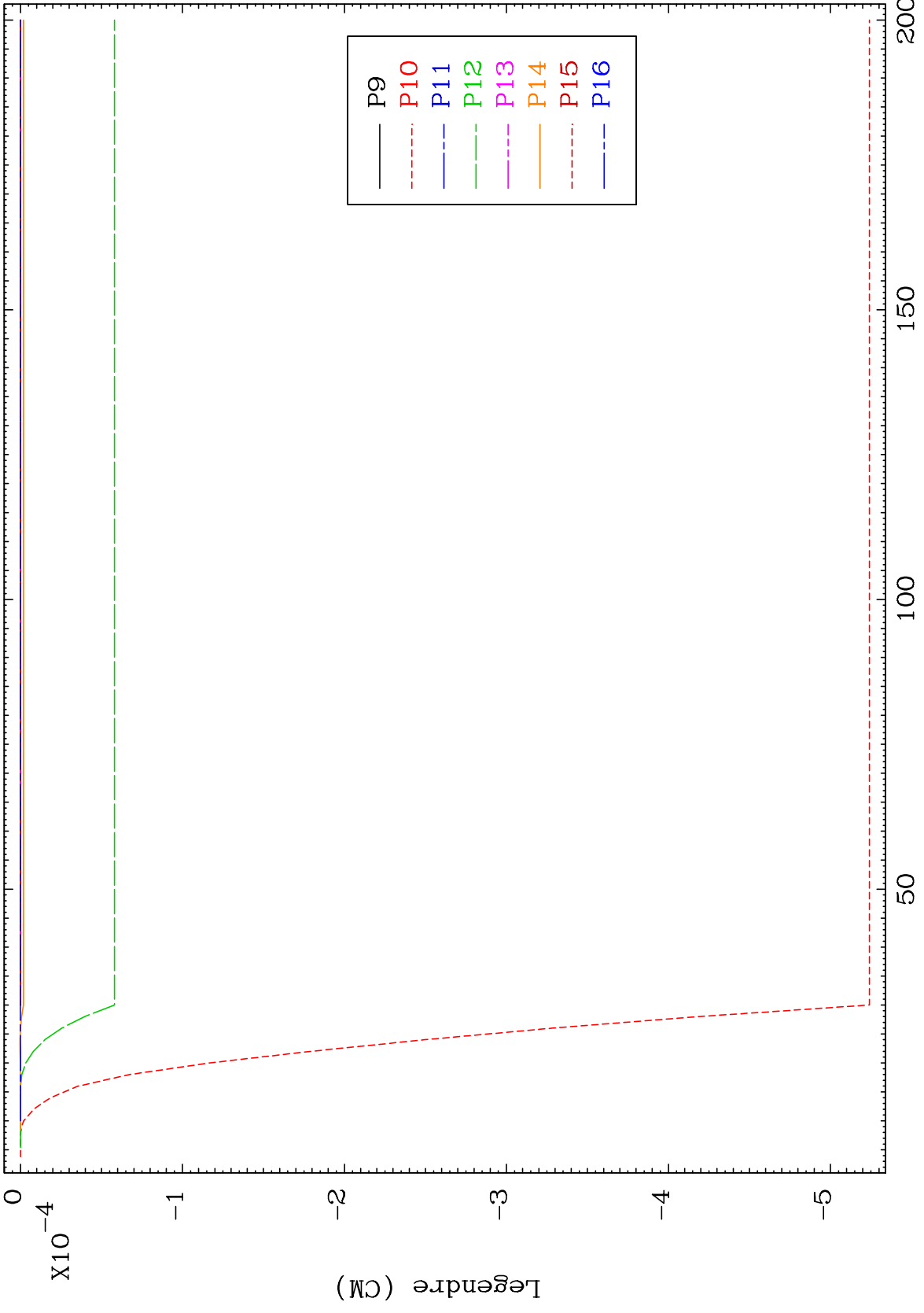


MAT 2522 MT= 69 (n,n') Level Legendre Coefficients 25-Mn-54

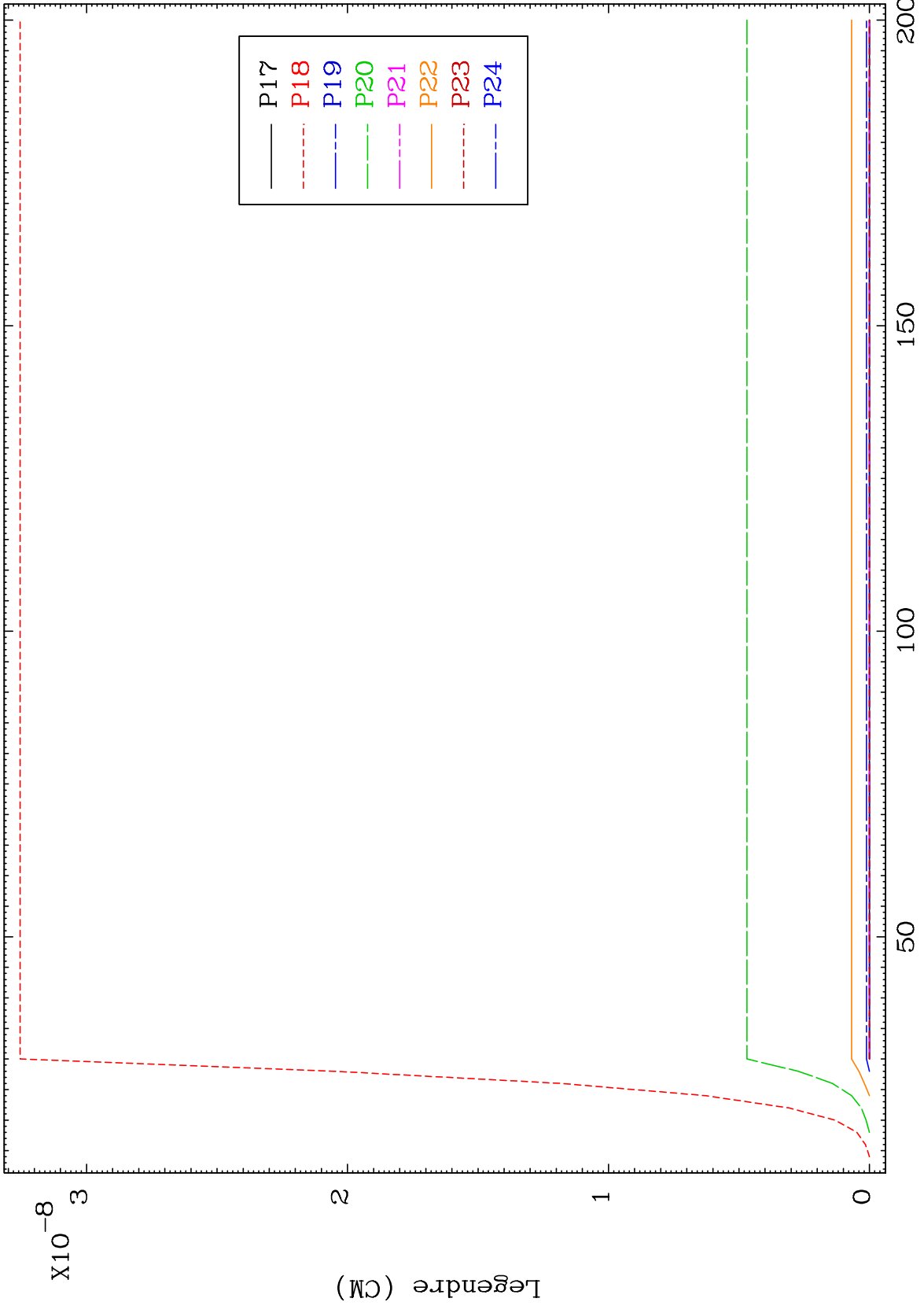


72 25-Mn-54

MAT 2522 MT= 69 (n,n') Level Legendre Coefficients 25-Mn-54

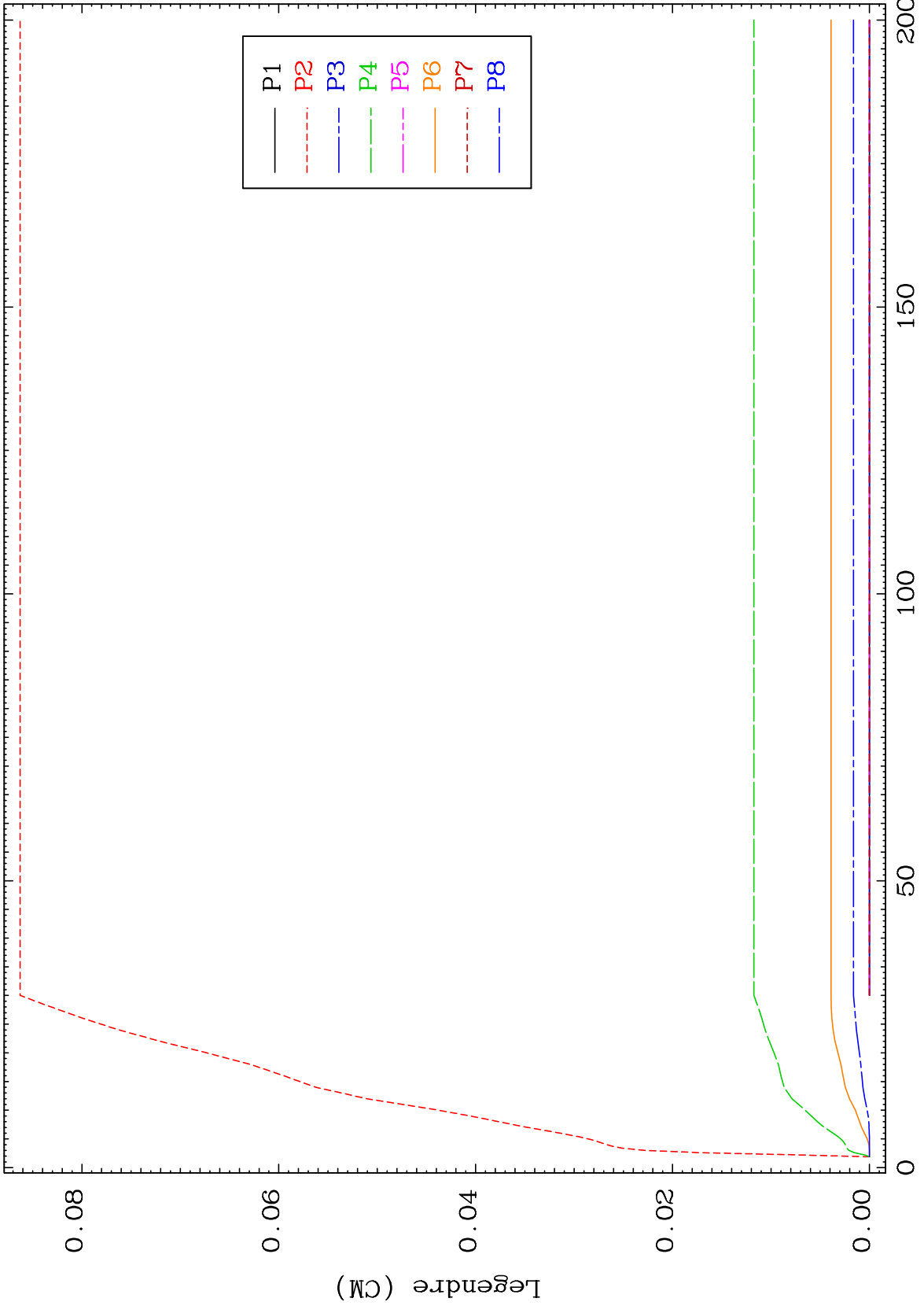


MAT 2522 MT= 69 (n,n') Level Legendre Coefficients 25-Mn-54



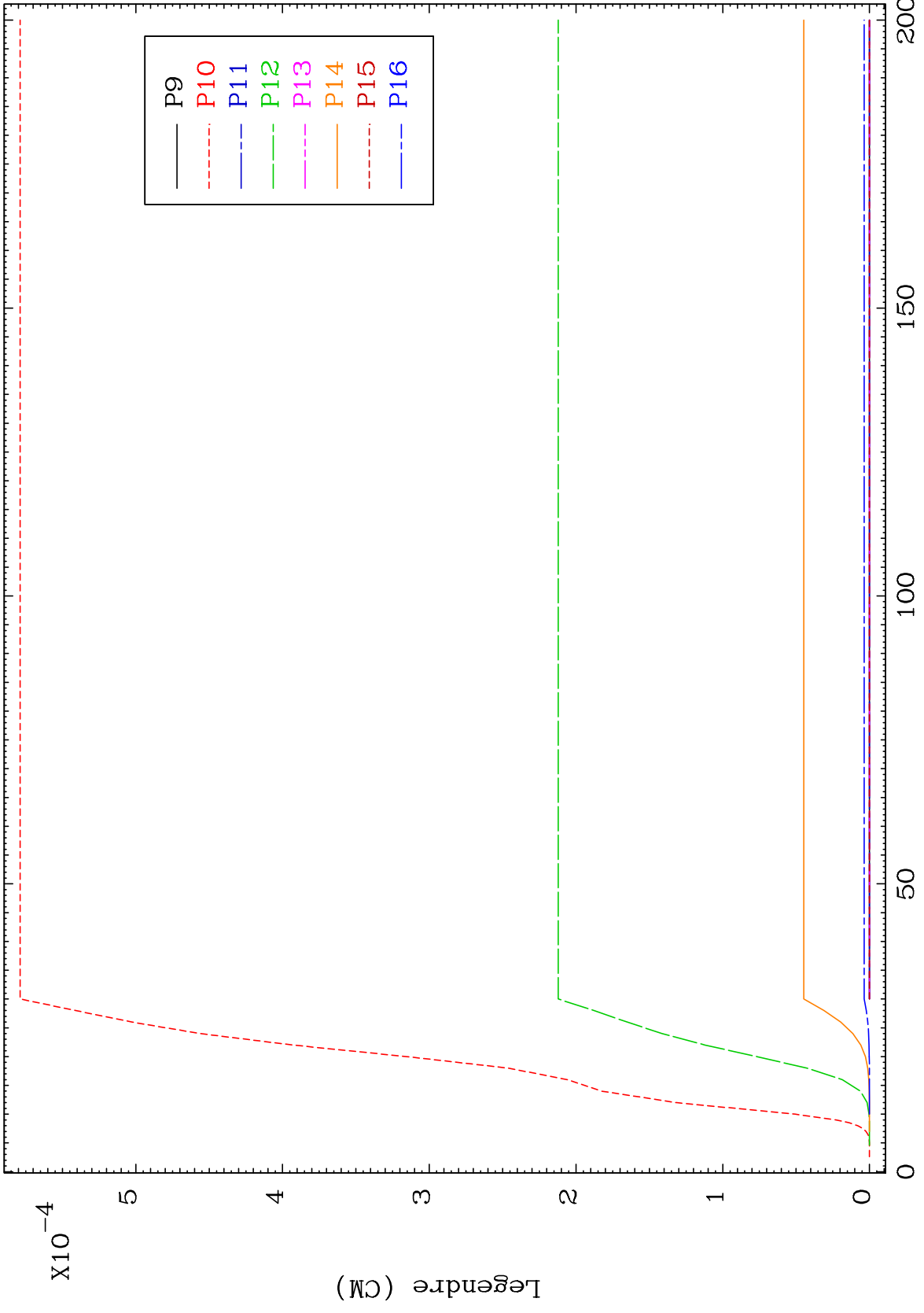
74 25-Mn-54

MAT 2522 MT= 70 (n,n') Level Legendre Coefficients 25-Mn-54



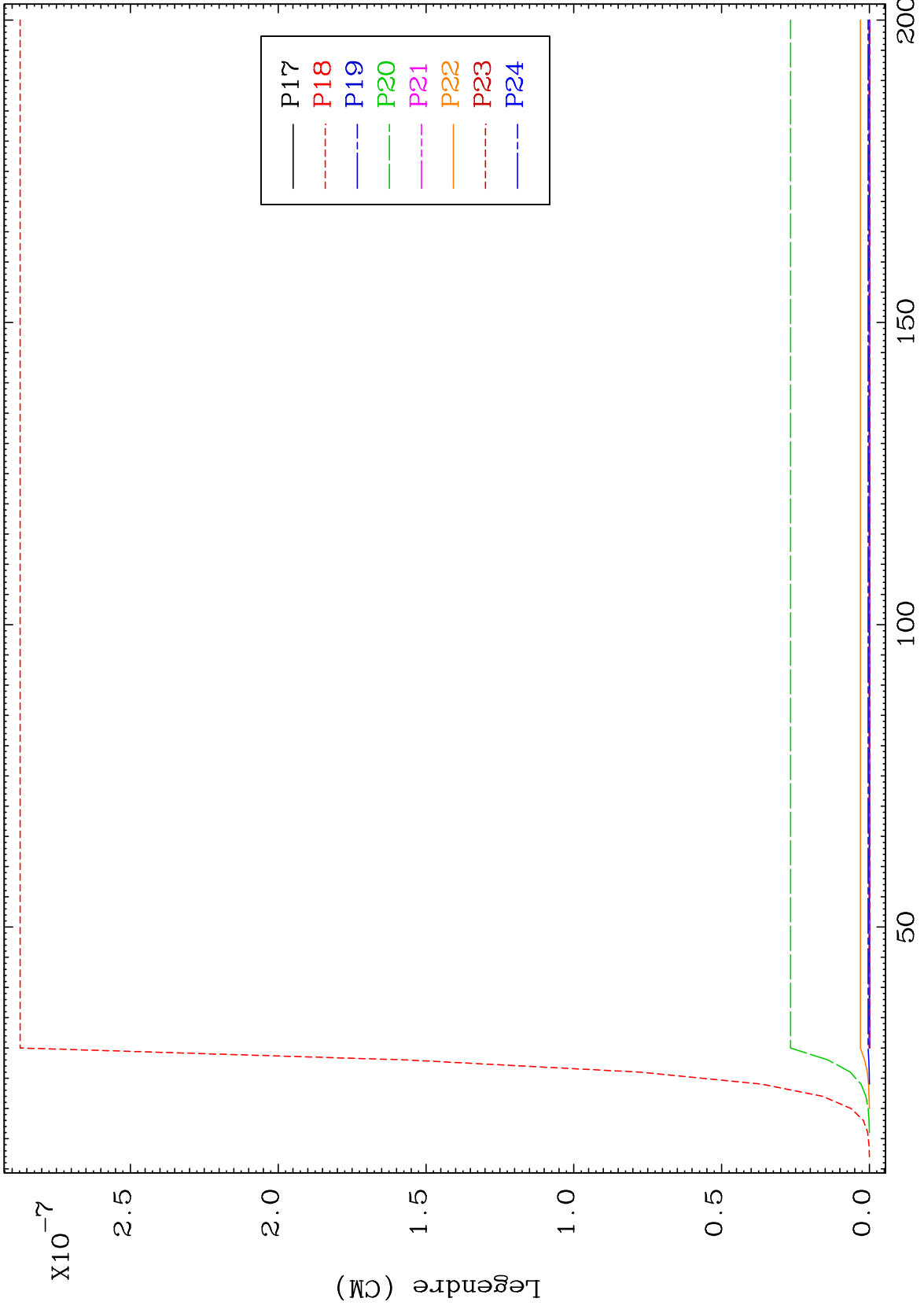
Legendre (CM) Incident Energy (MeV) 25-Mn-54

MAT 2522 MT= 70 (n,n') Level Legendre Coefficients 25-Mn-54



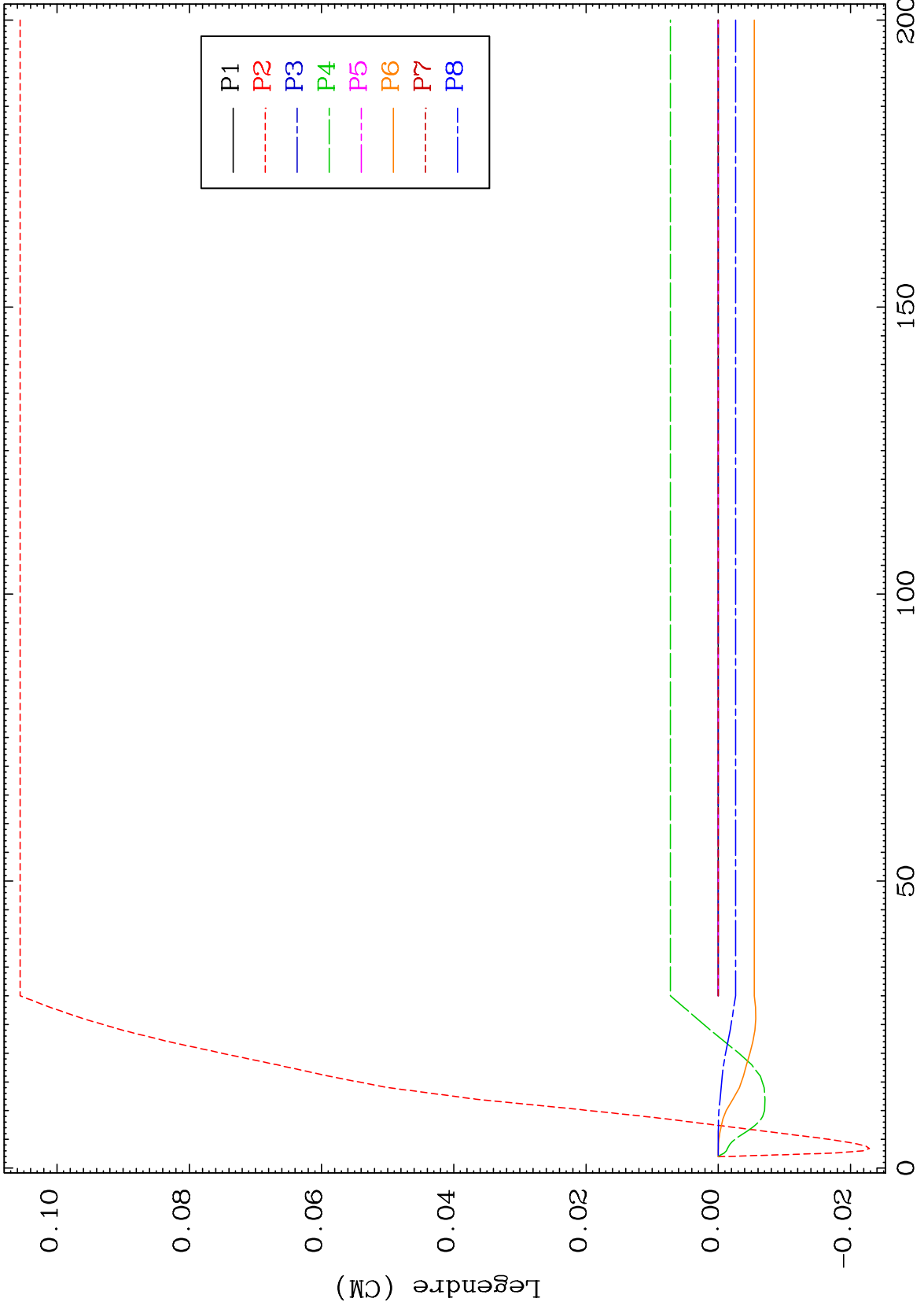
76 Incident Energy (MeV) 25-Mn-54

MAT 2522 MT= 70 (n,n') Level Legendre Coefficients 25-Mn-54



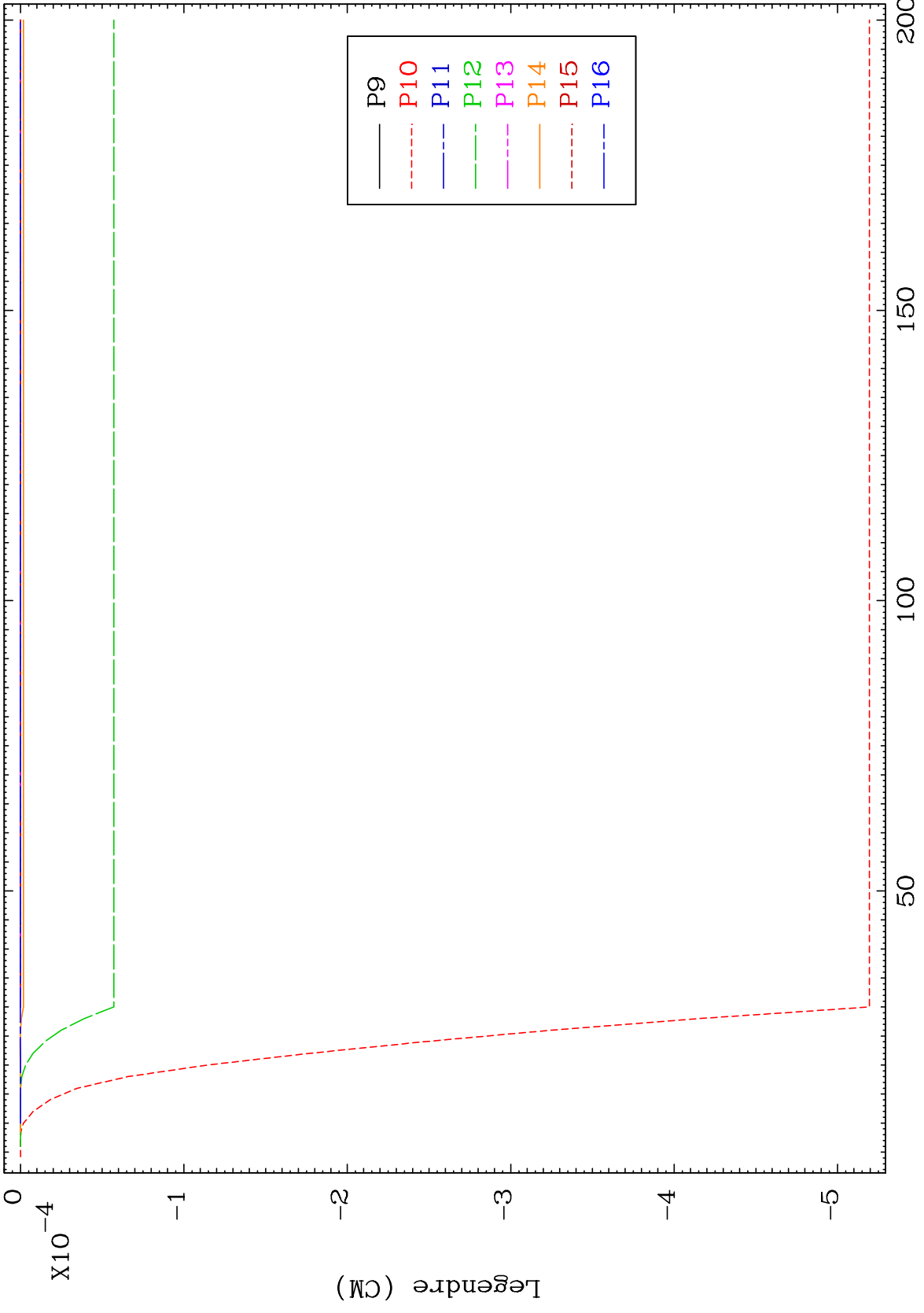
77 25-Mn-54

MAT 2522 MT= 71 (n,n') Level Legendre Coefficients 25-Mn-54



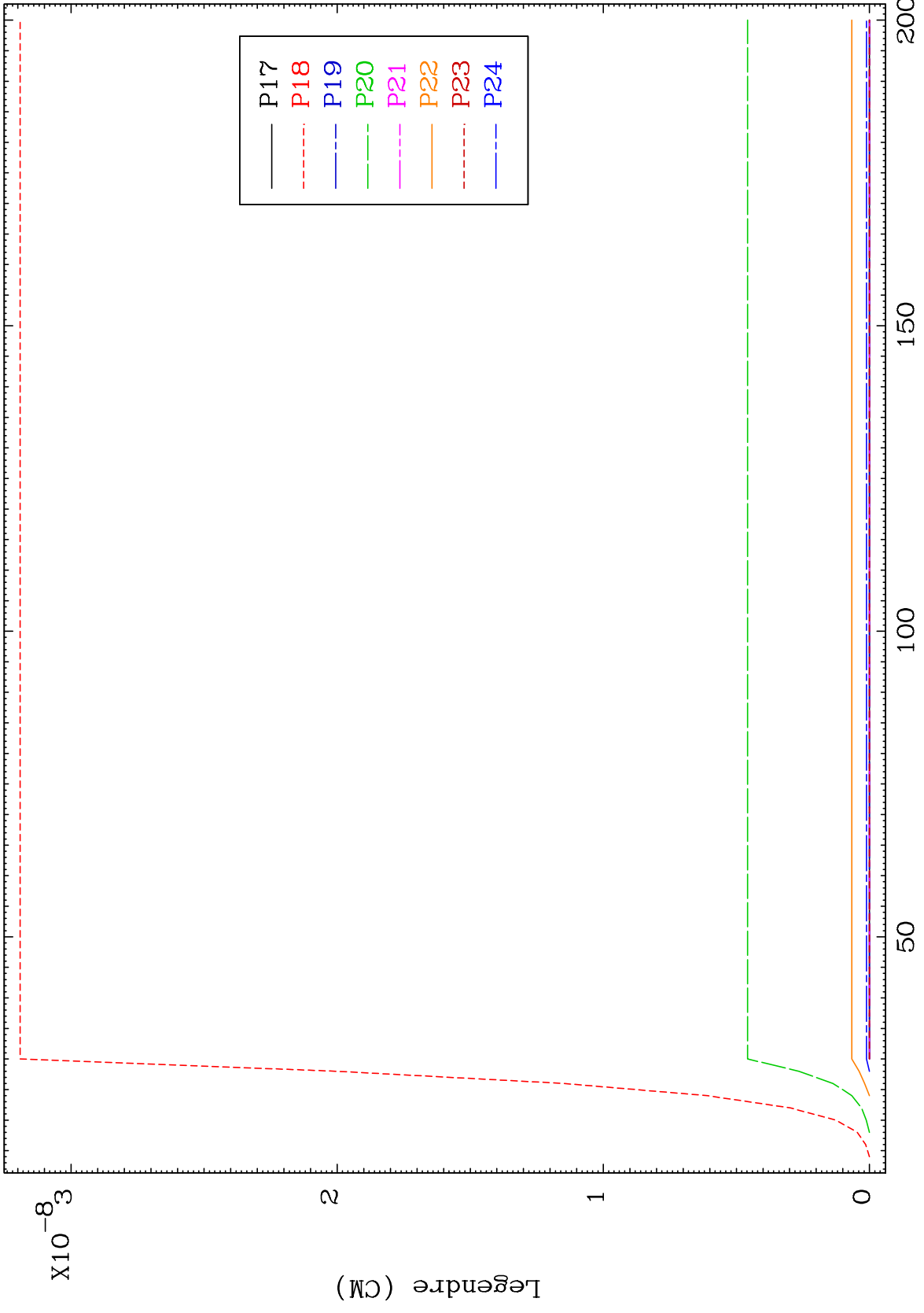
78 Incident Energy (MeV) 25-Mn-54

MAT 2522 MT= 71 (n,n') Level Legendre Coefficients 25-Mn-54



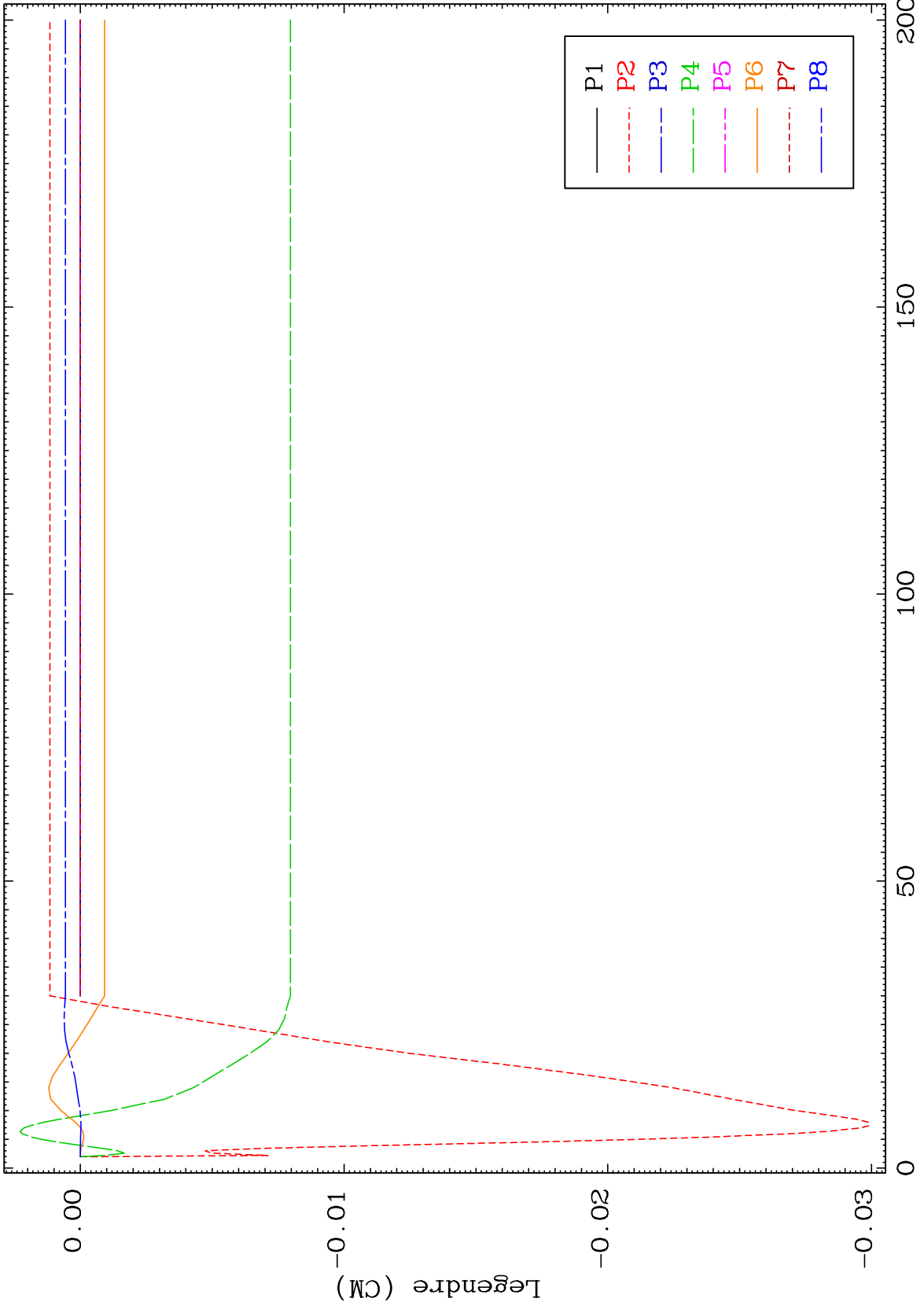
79 Incident Energy (MeV) 25-Mn-54

MAT 2522 MT= 71 (n,n') Level Legendre Coefficients 25-Mn-54



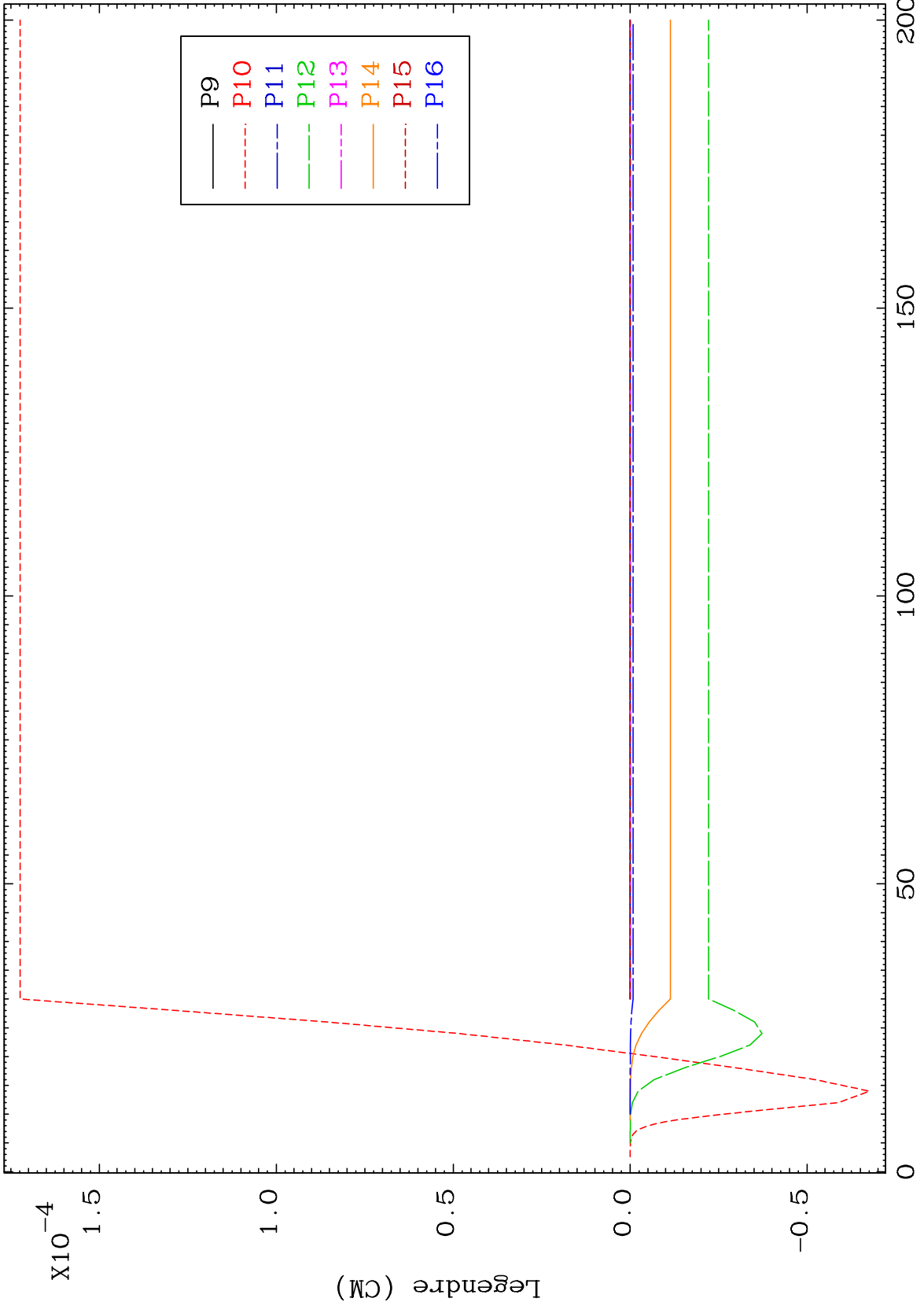
80 50 100 150 200 25-Mn-54

MAT 2522 MT= 72 (n,n') Level Legendre Coefficients 25-Mn-54



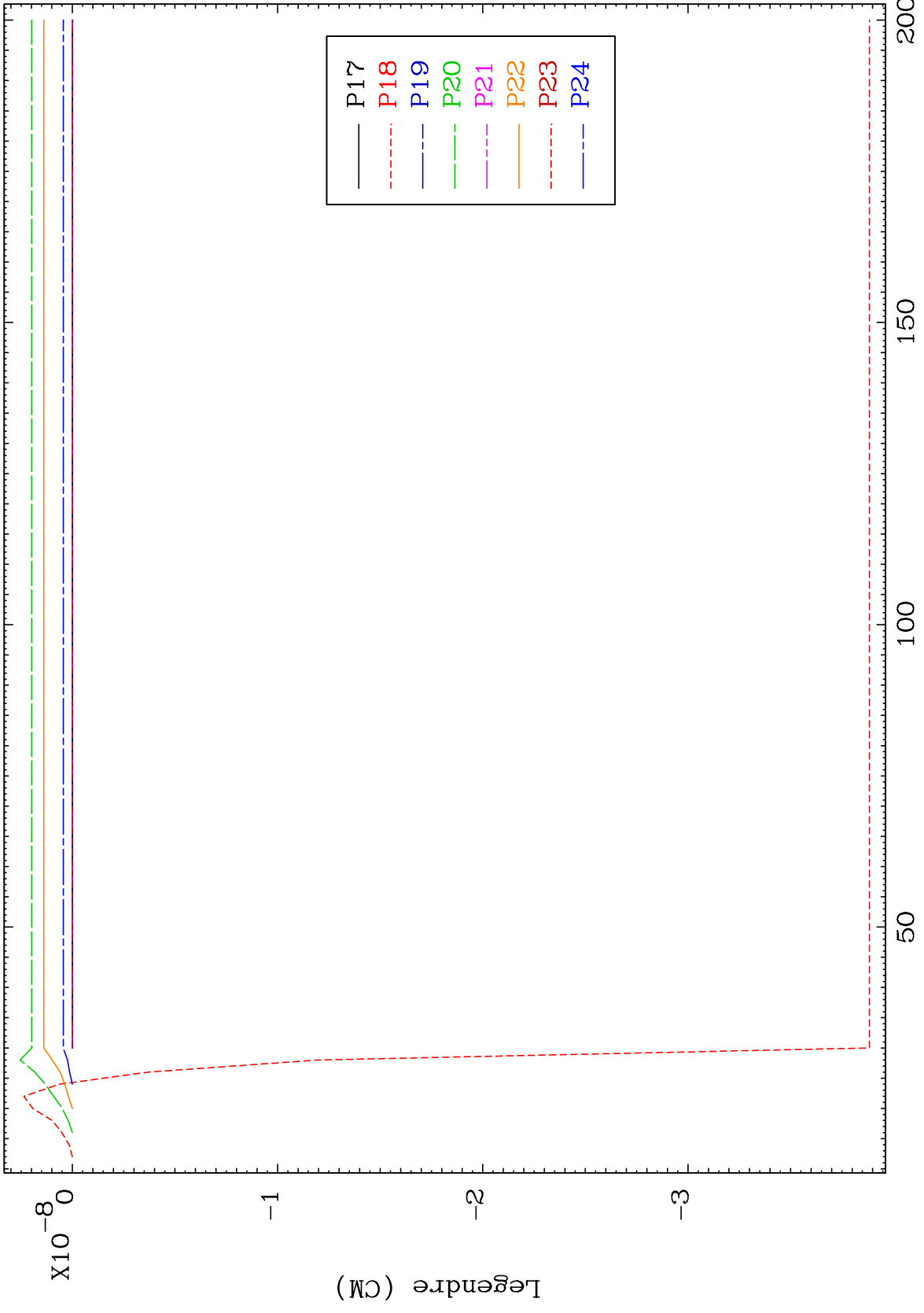
81 25-Mn-54

MAT 2522 MT= 72 (n,n') Level Legendre Coefficients 25-Mn-54



82 25-Mn-54

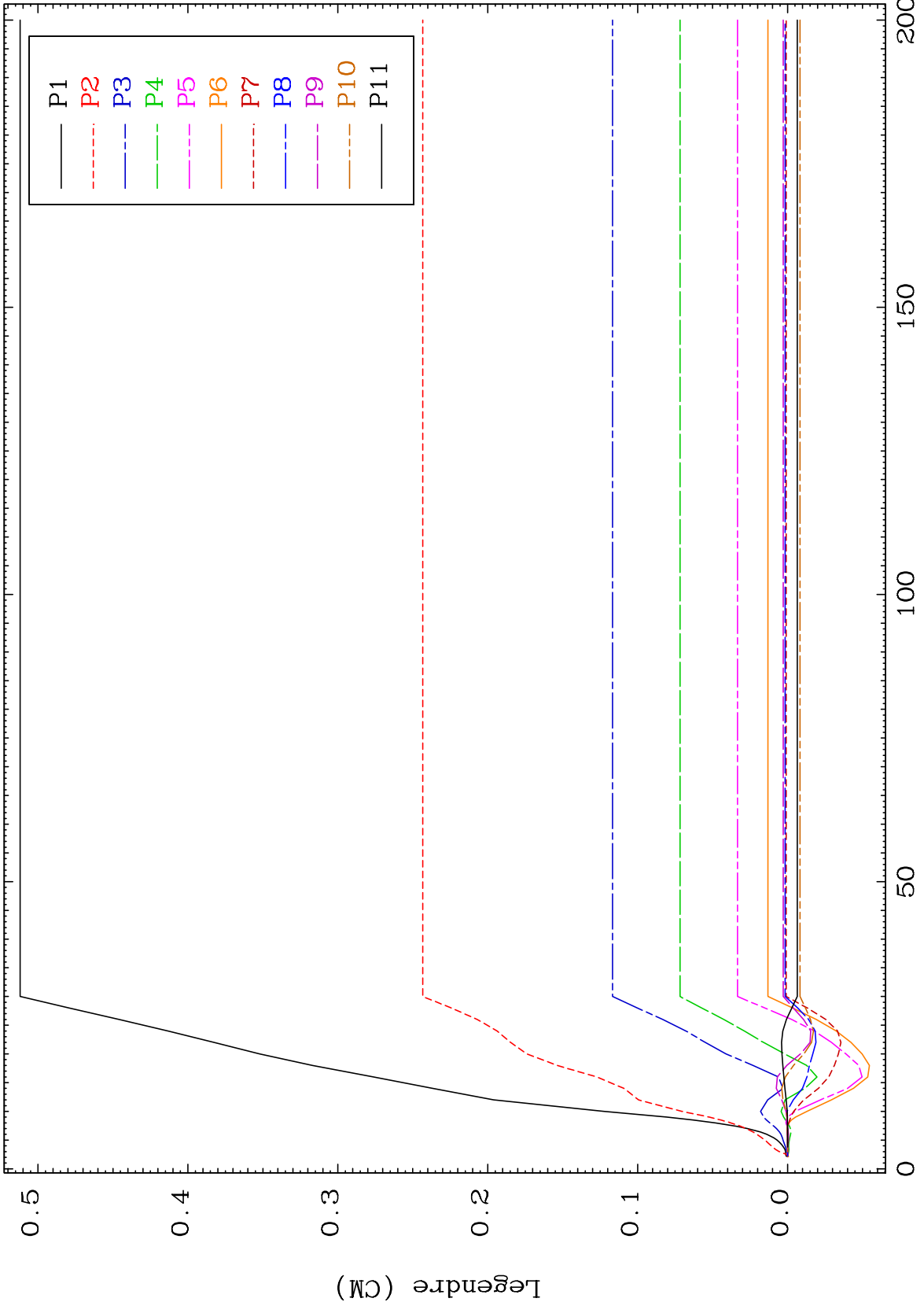
MAT 2522 MT= 72 (n,n') Level Legendre Coefficients 25-Mn-54



MAT 2522

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

25-Mn-54



84

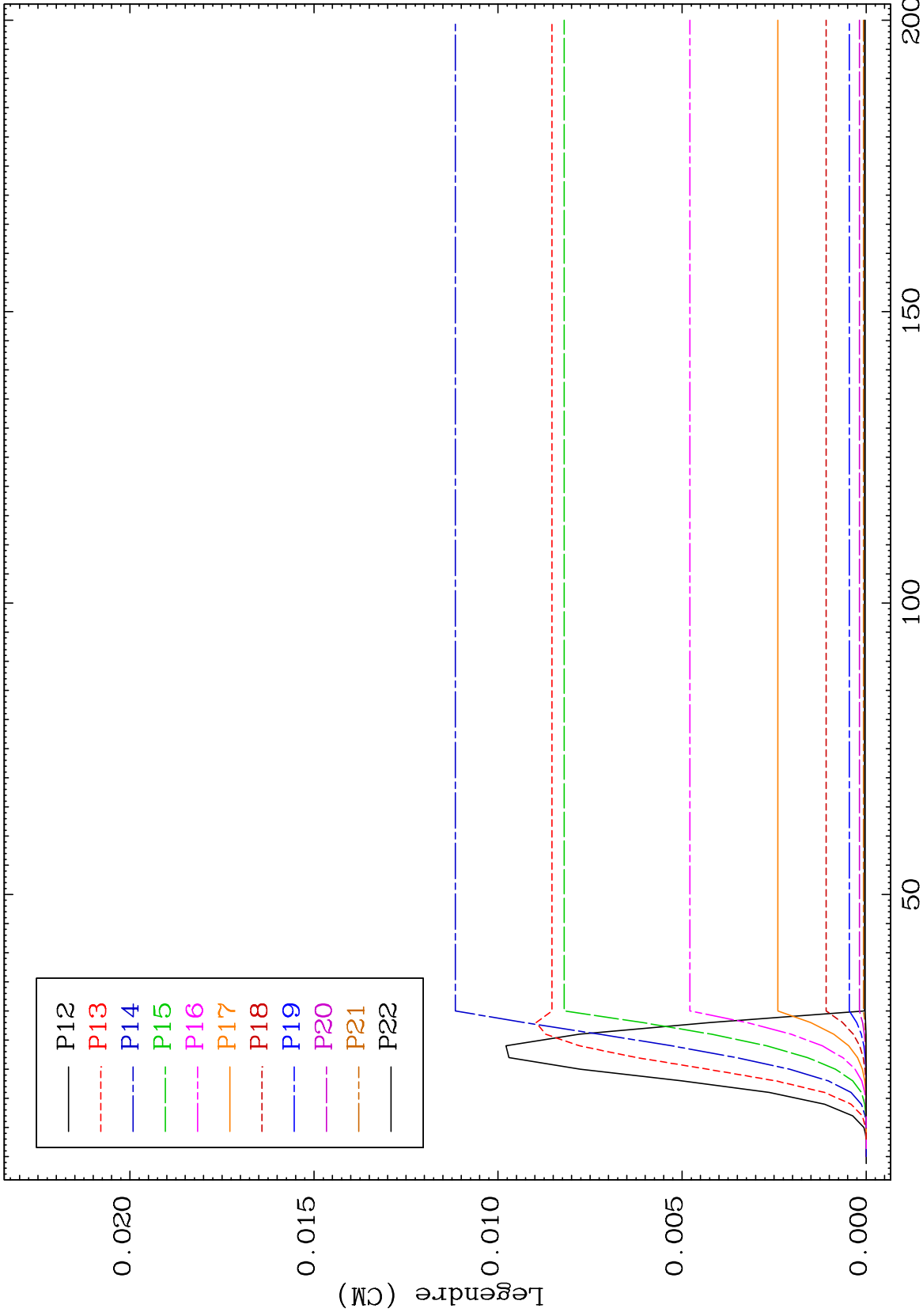
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



85

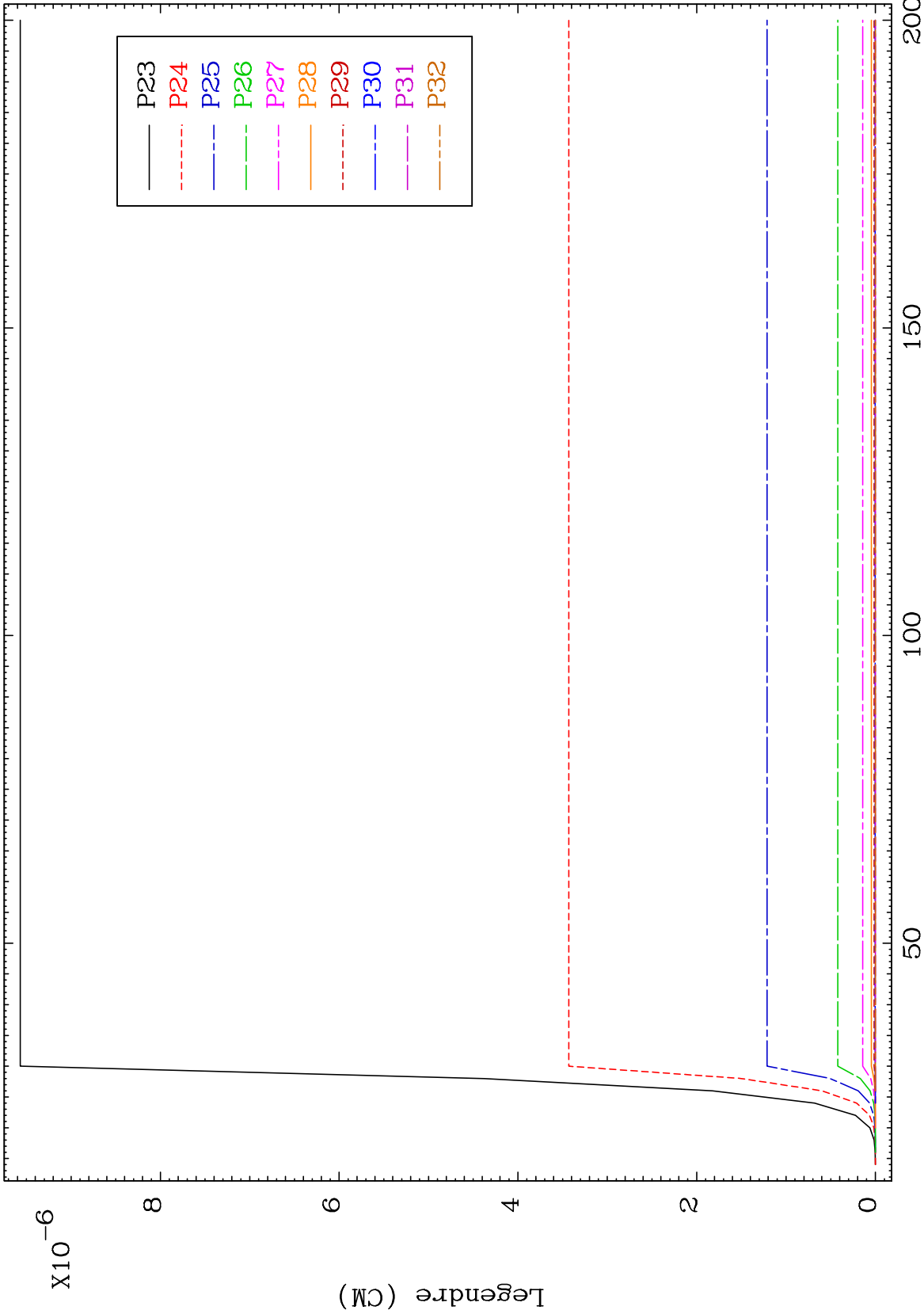
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54

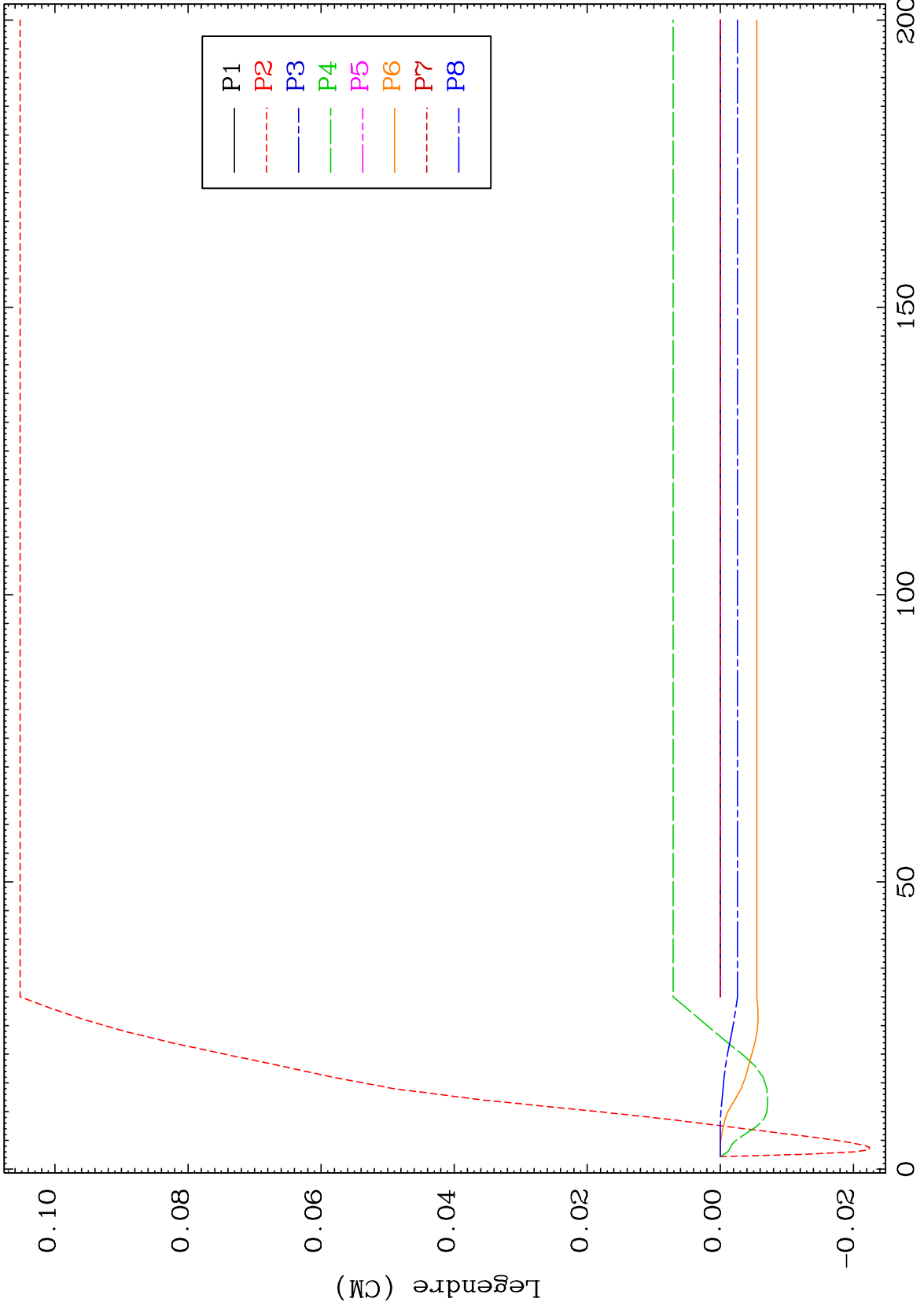


86

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 74 (n,n') Level Legendre Coefficients 25-Mn-54

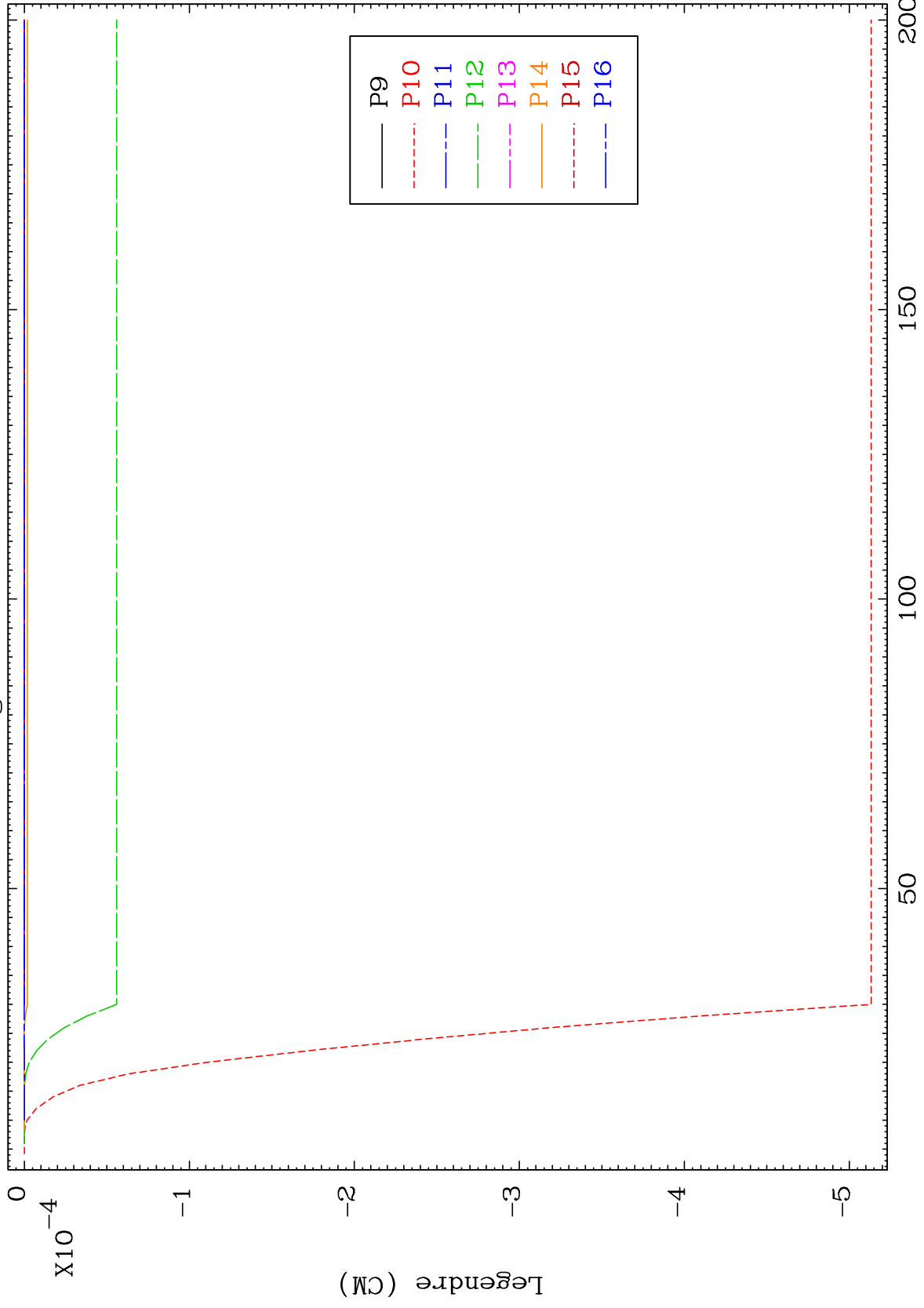


87 25-Mn-54

MAT 2522

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

25-Mn-54

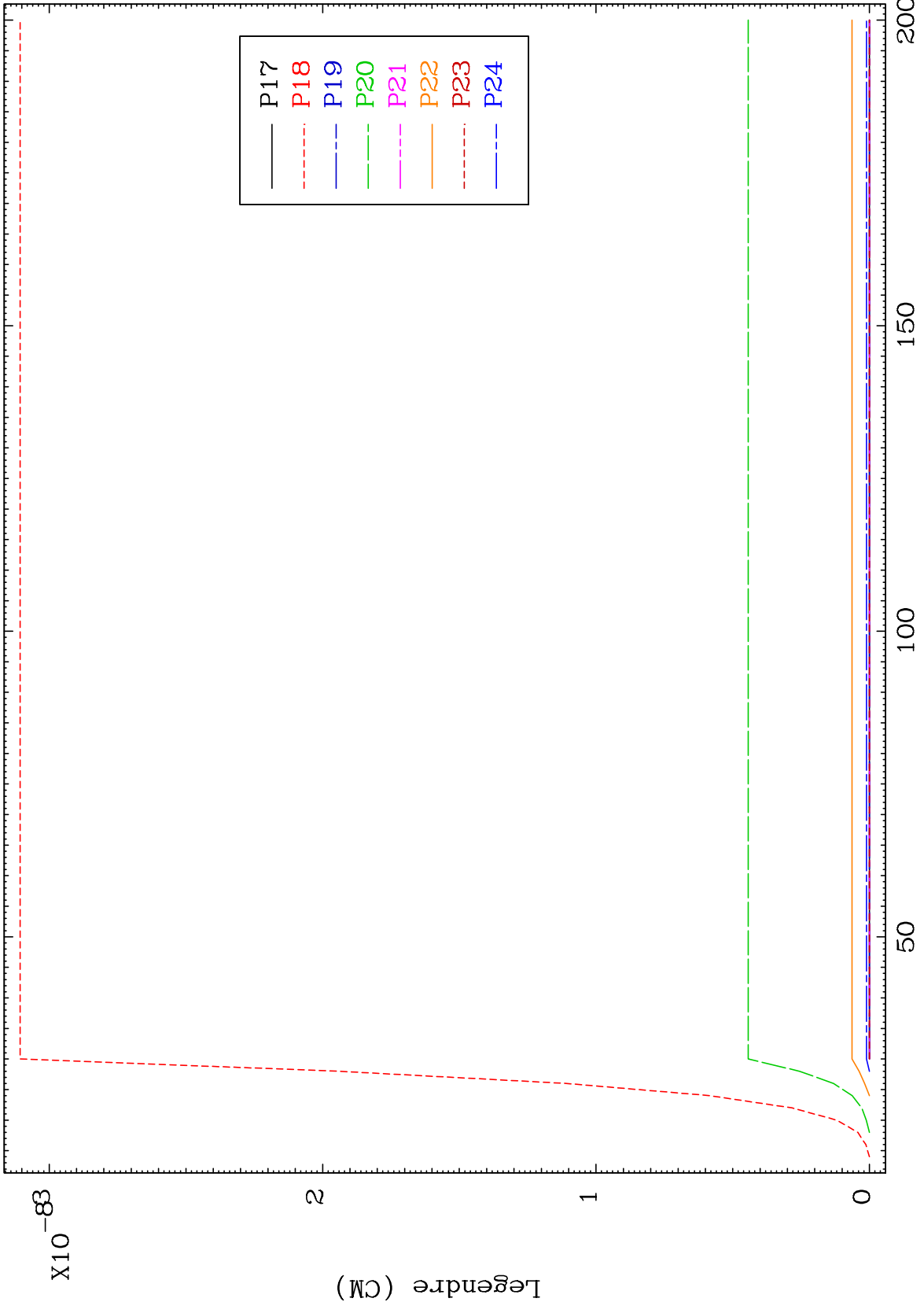


88

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 74 (n,n') Level Legendre Coefficients 25-Mn-54

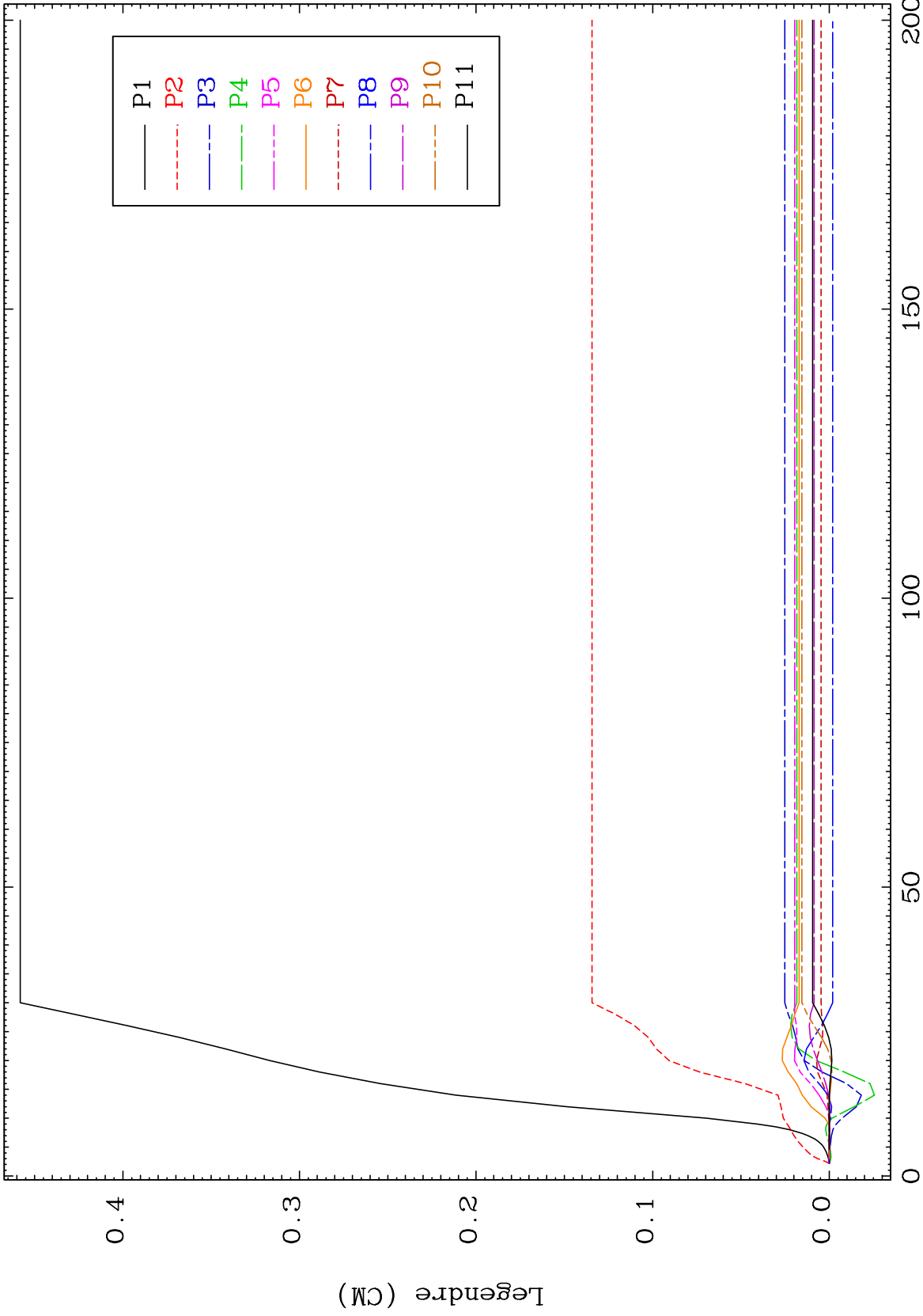


89 25-Mn-54

MAT 2522

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

25-Mn-54



90

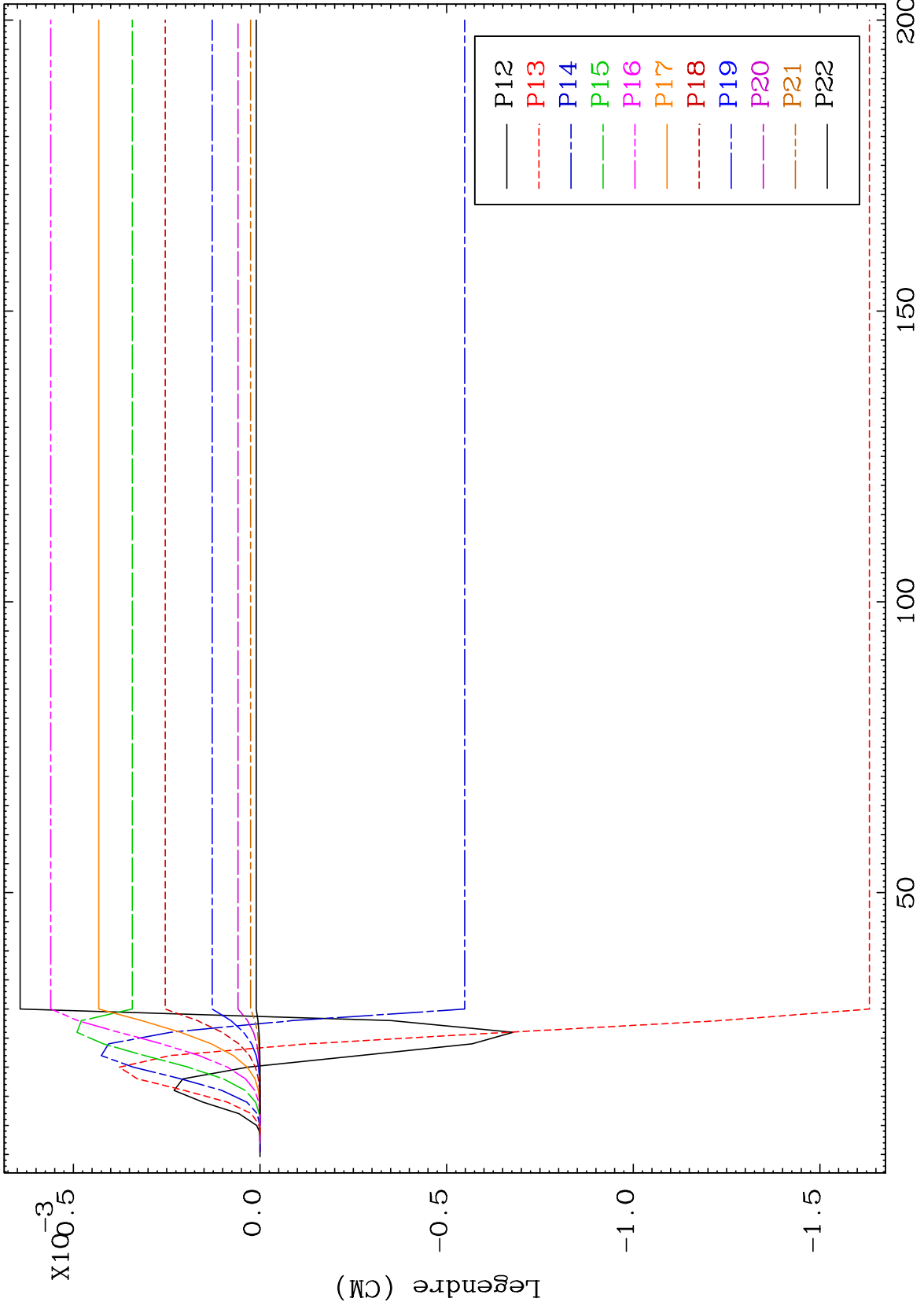
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54

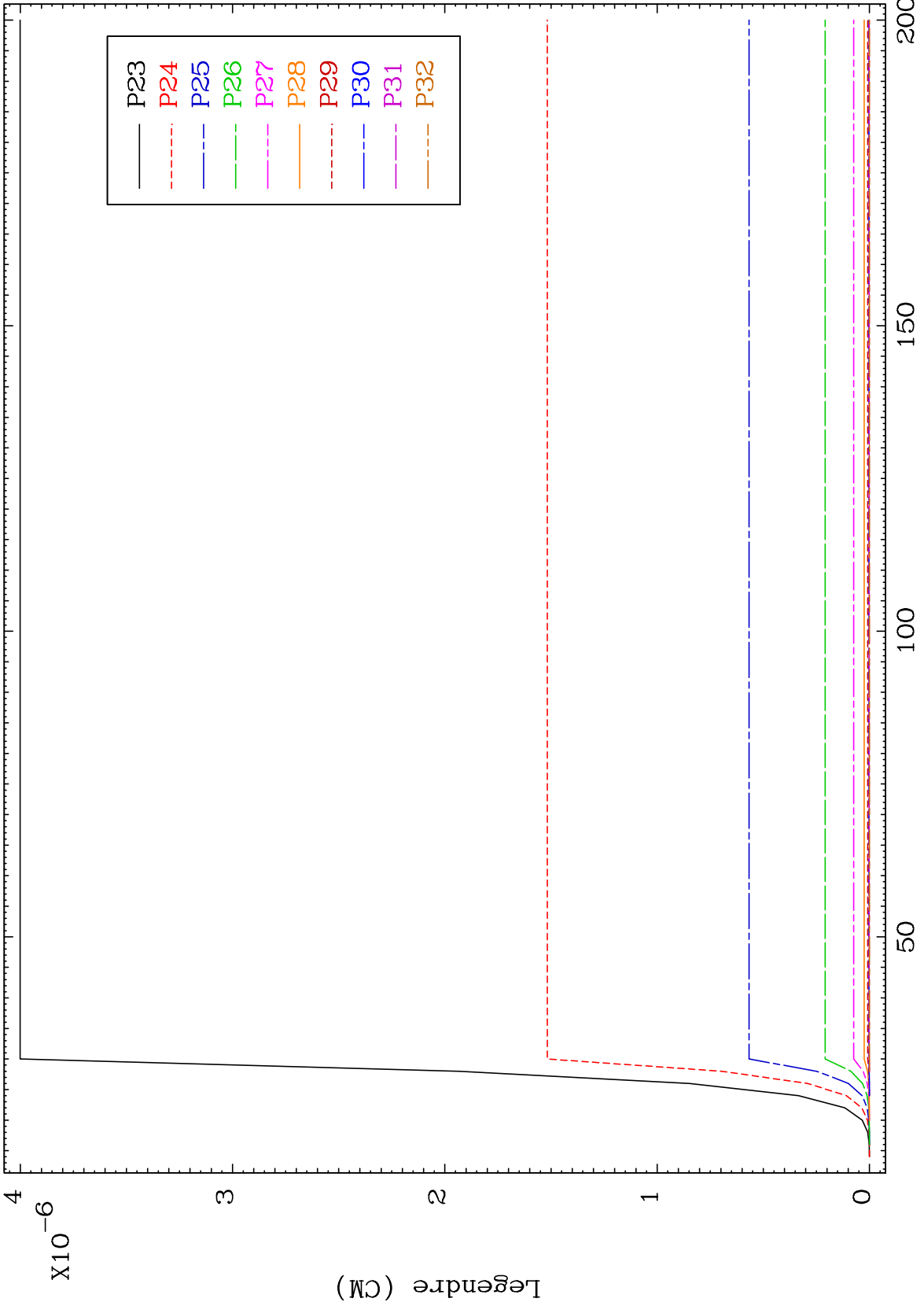


91

Incident Energy (MeV)

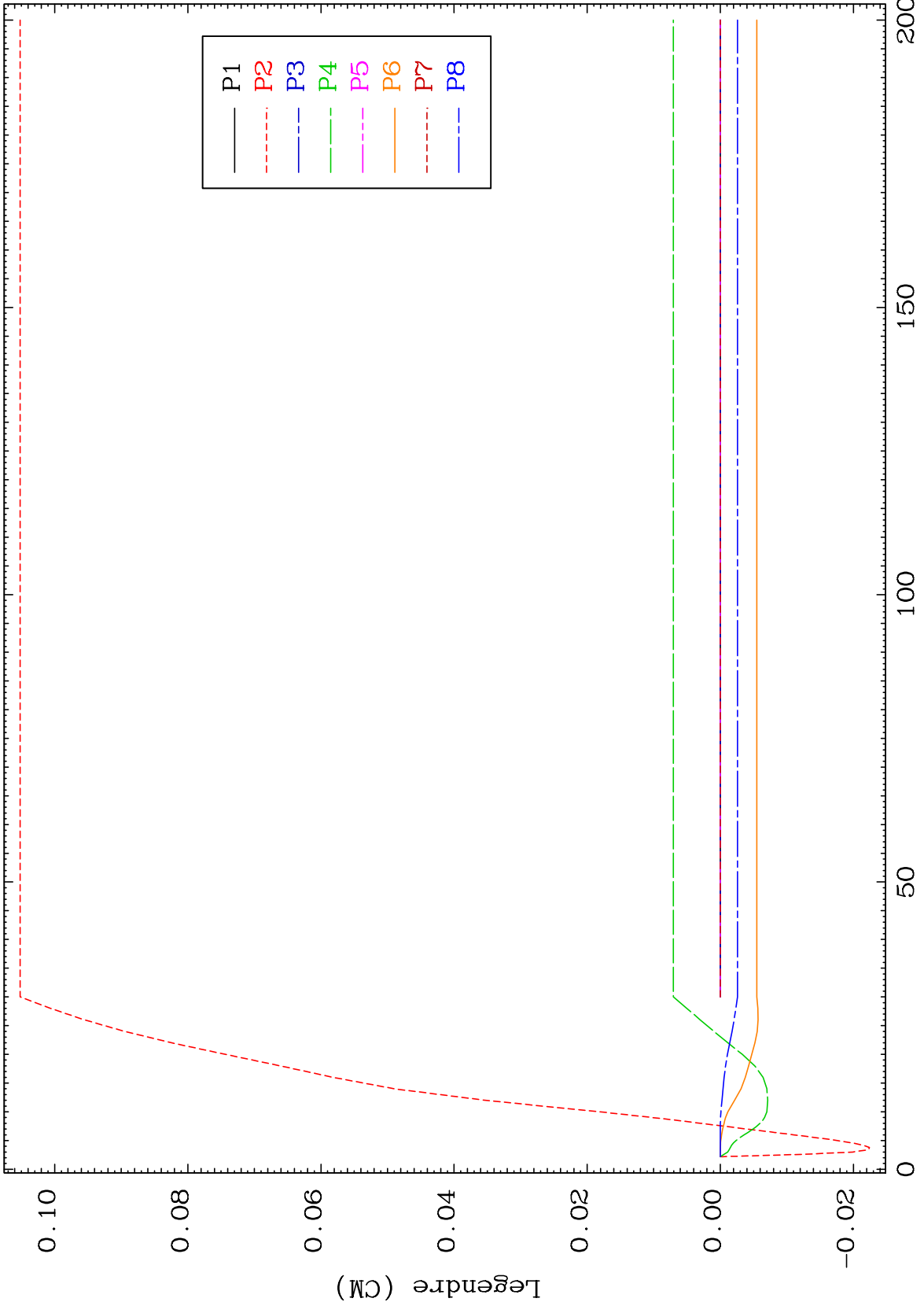
25-Mn-54

MAT 2522 MT= 75 (n,n') Level Legendre Coefficients 25-Mn-54



92 25-Mn-54

MAT 2522 MT= 76 (n,n') Level Legendre Coefficients 25-Mn-54

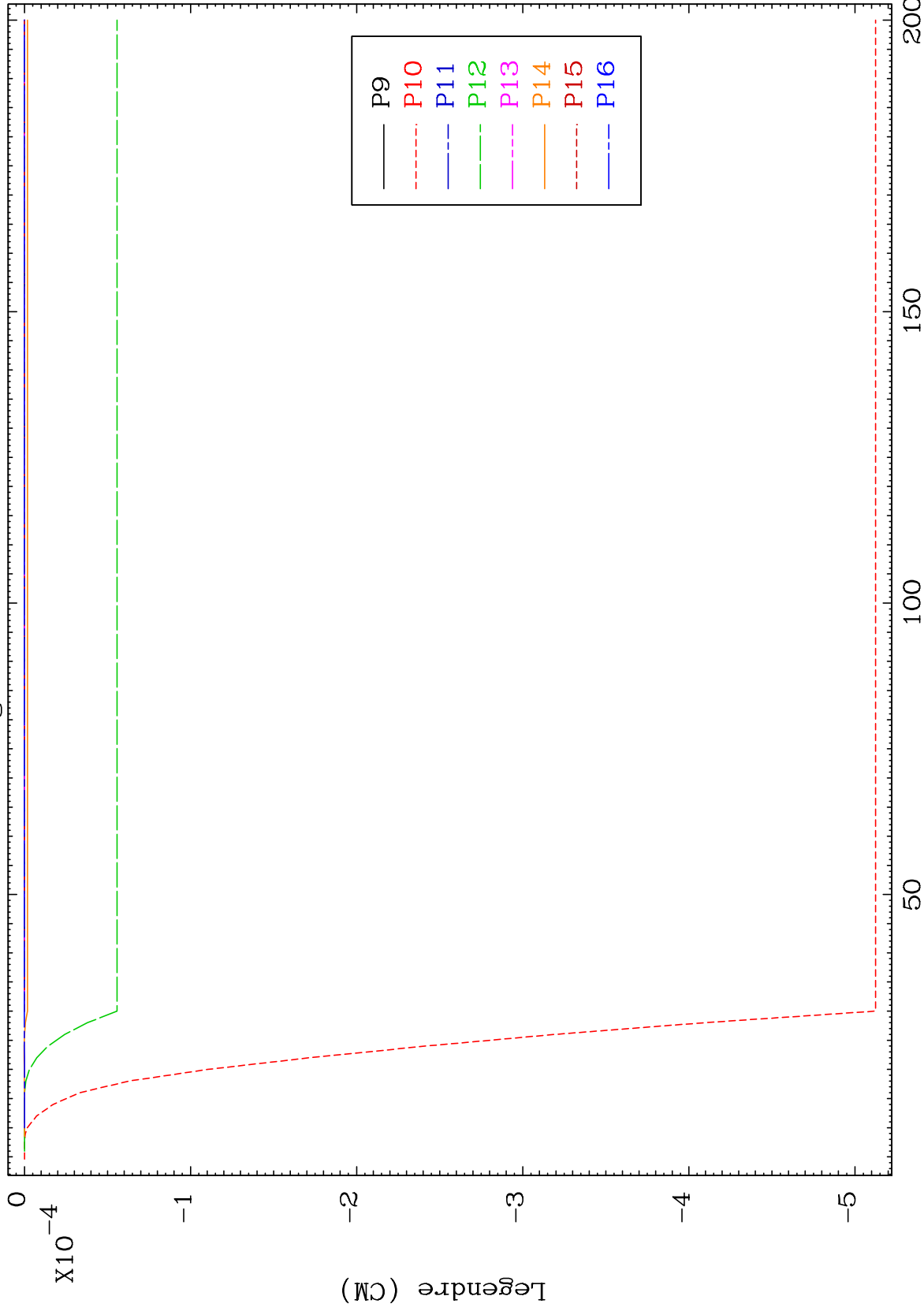


93 25-Mn-54

MAT 2522

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

25-Mn-54

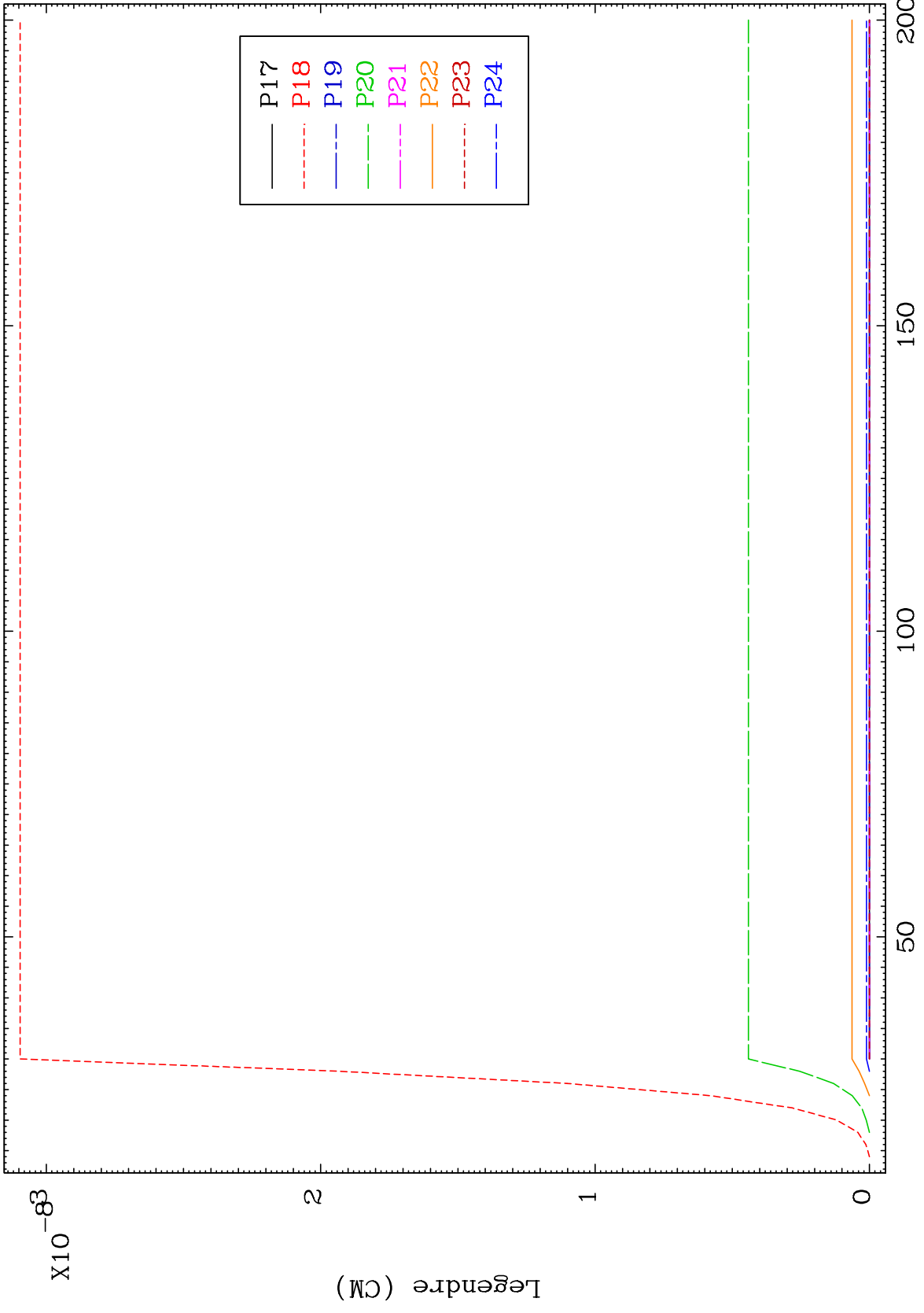


94

Incident Energy (MeV)

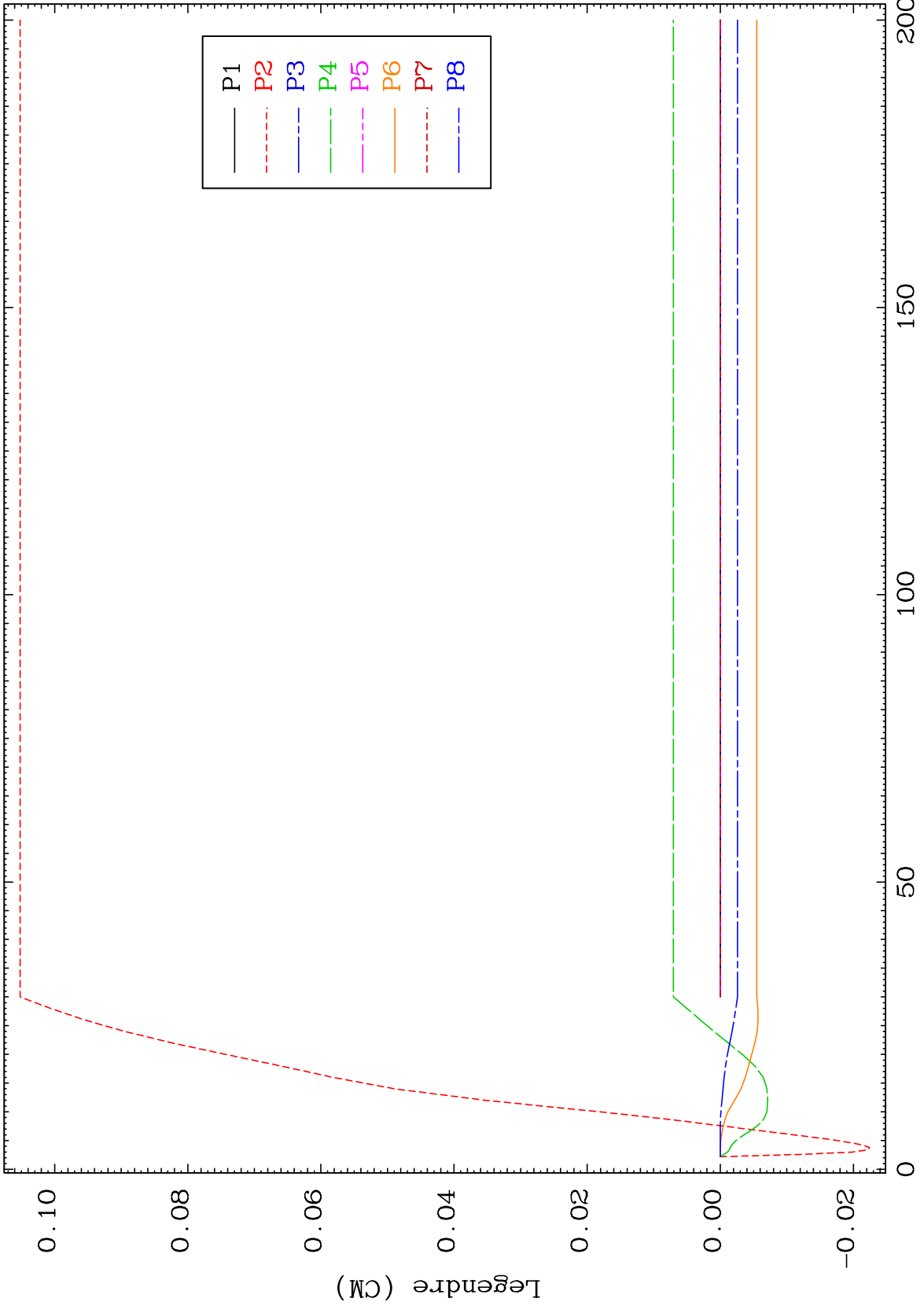
25-Mn-54

MAT 2522 MT= 76 (n,n') Level Legendre Coefficients 25-Mn-54



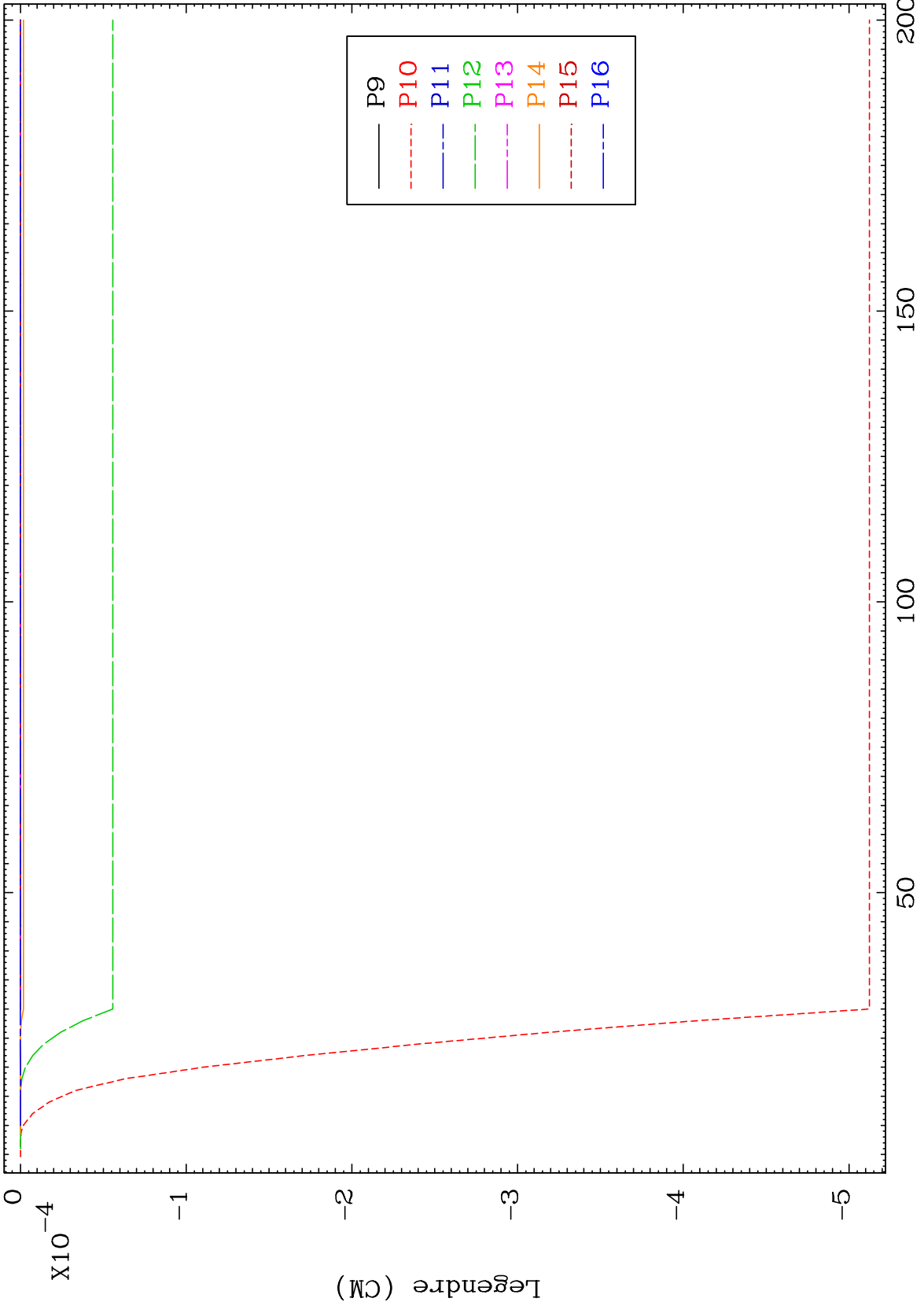
95 50 100 150 200 Incident Energy (MeV) 25-Mn-54

MAT 2522 MT= 77 (n,n') Level Legendre Coefficients 25-Mn-54

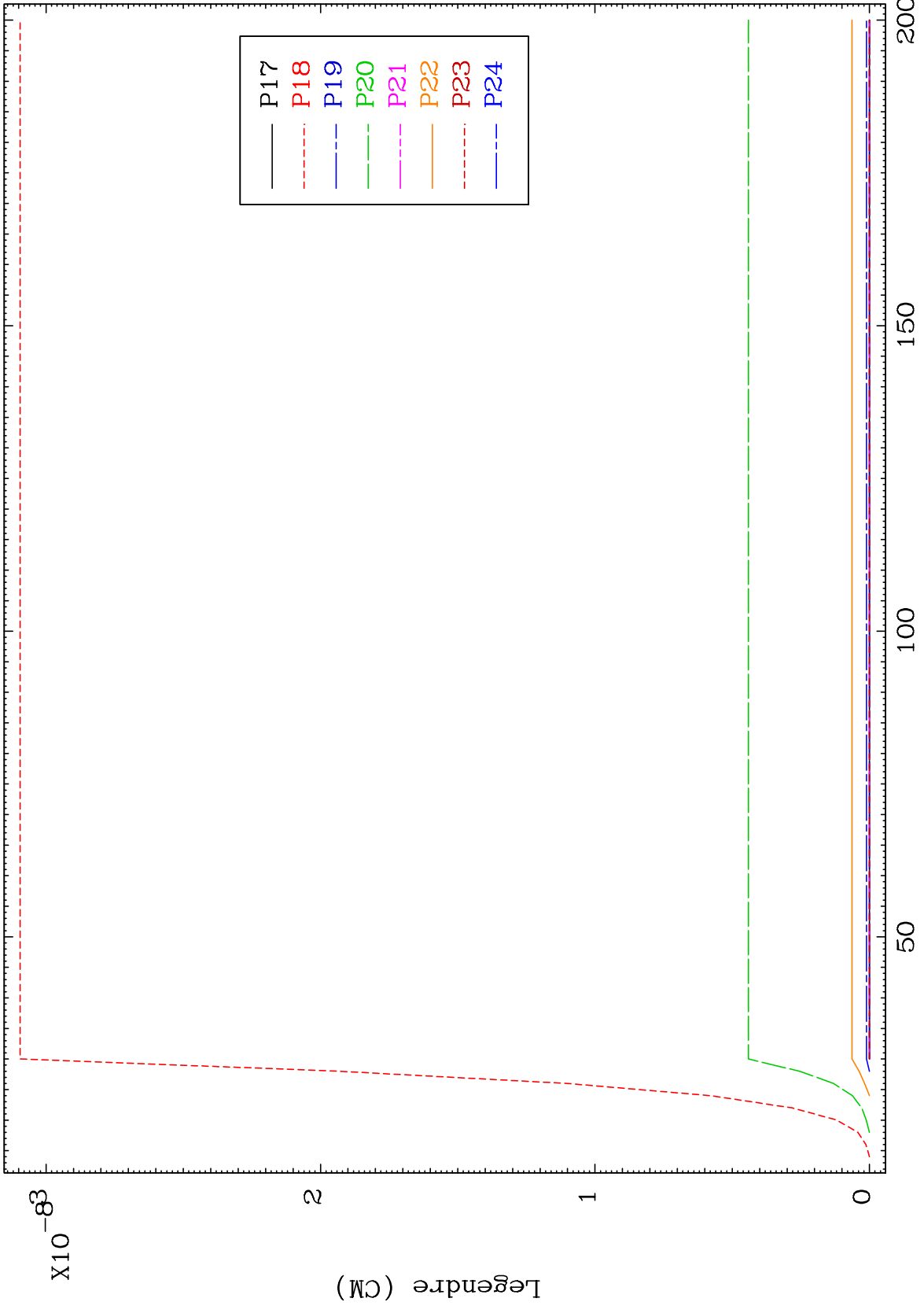


96 25-Mn-54

MAT 2522 MT= 77 (n,n') Level Legendre Coefficients 25-Mn-54



MAT 2522 MT= 77 (n,n') Level Legendre Coefficients 25-Mn-54

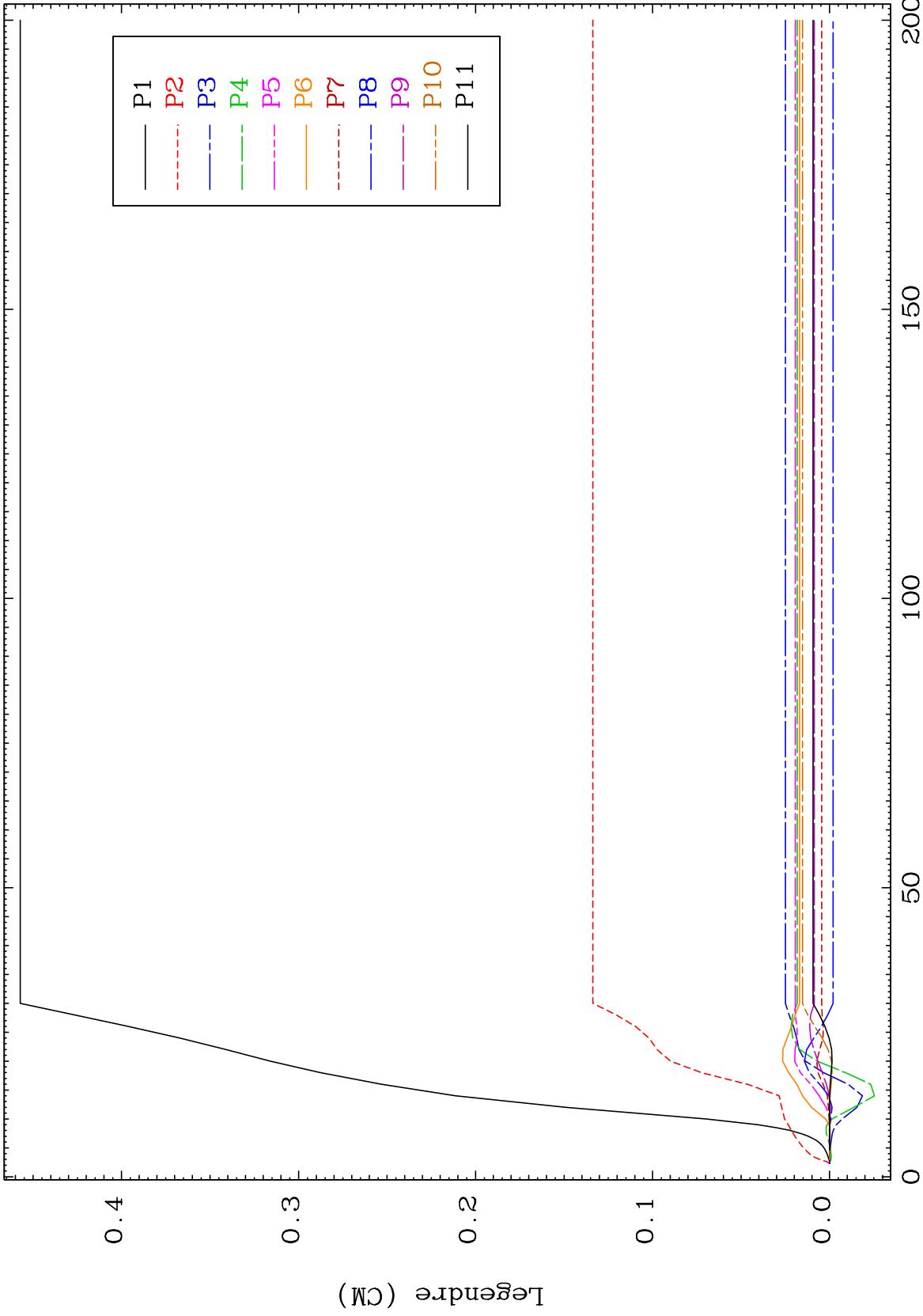


98 25-Mn-54

MAT 2522

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

25-Mn-54



99

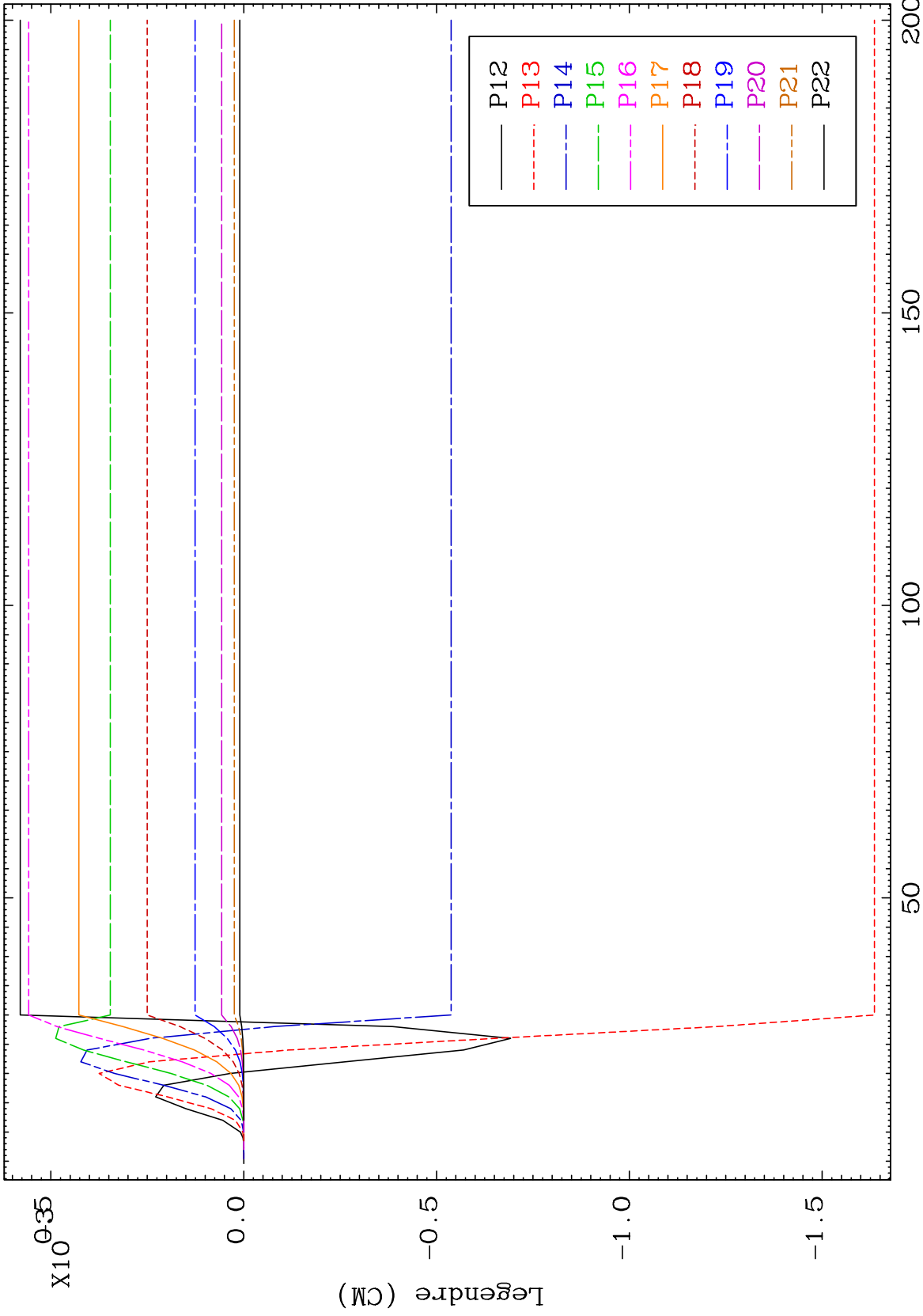
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

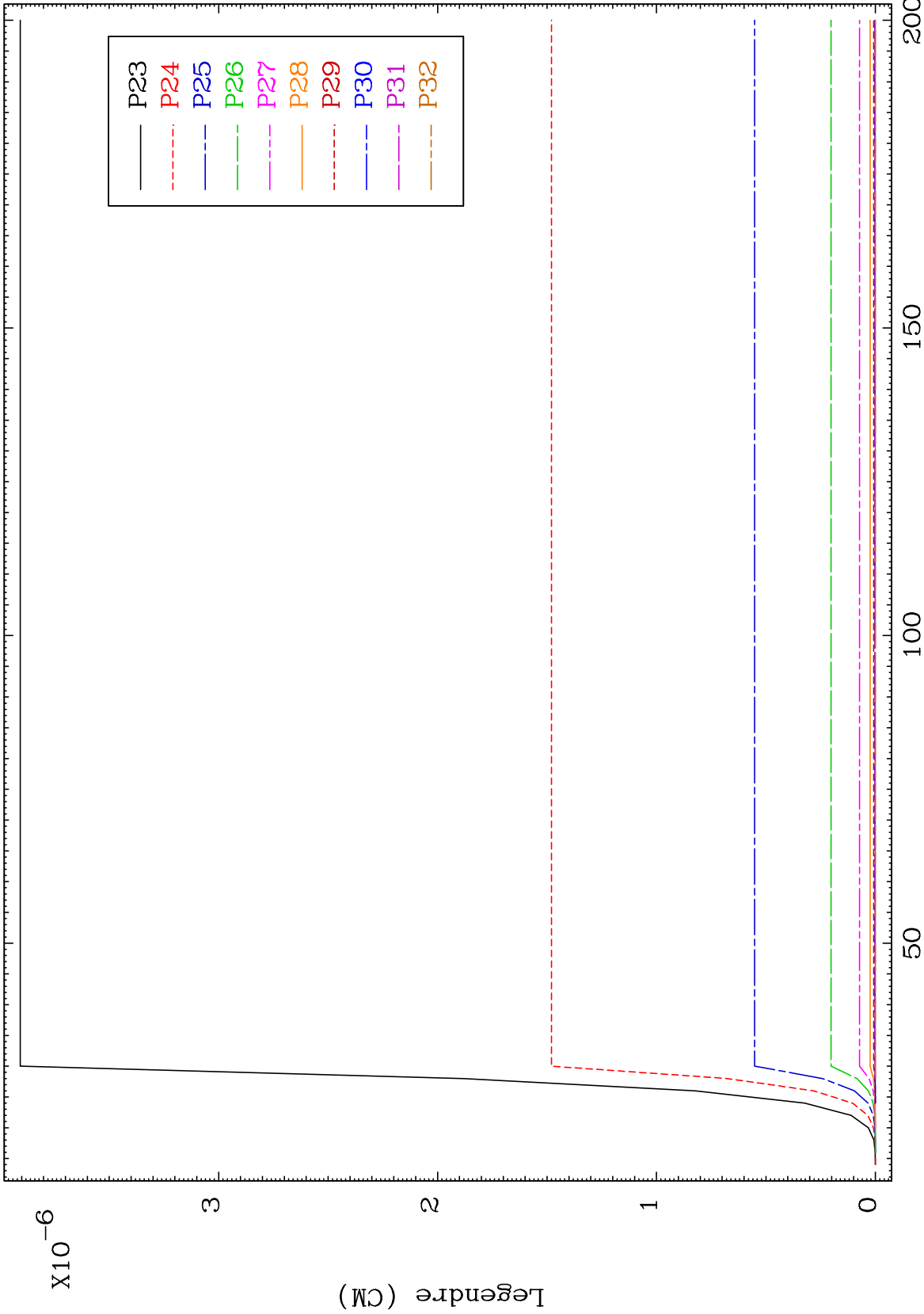
25-Mn-54



MAT 2522

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

25-Mn-54

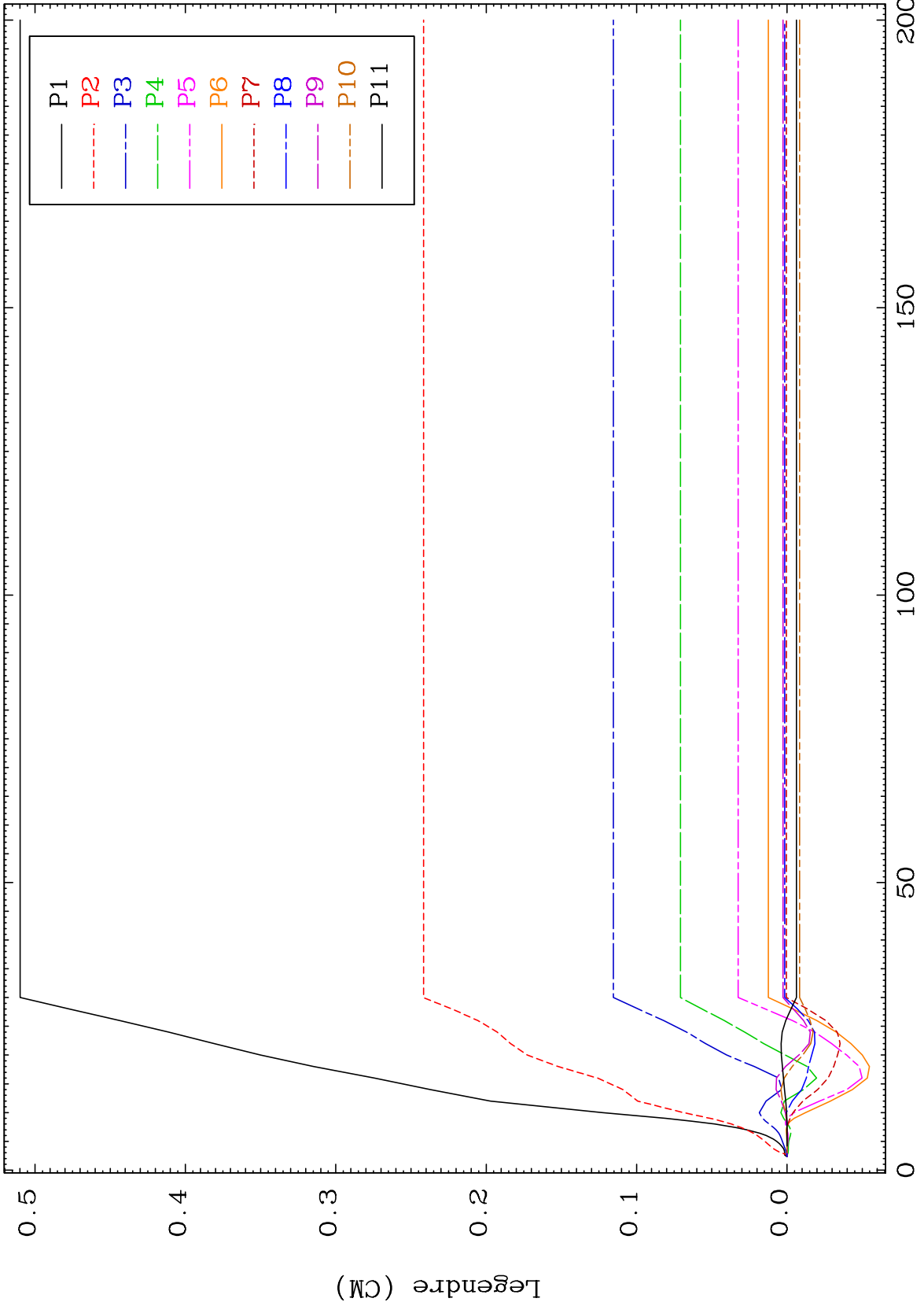


101

Incident Energy (MeV)

25-Mn-54

MAT 2522 MT= 79 (n,n') Level Legendre Coefficients 25-Mn-54

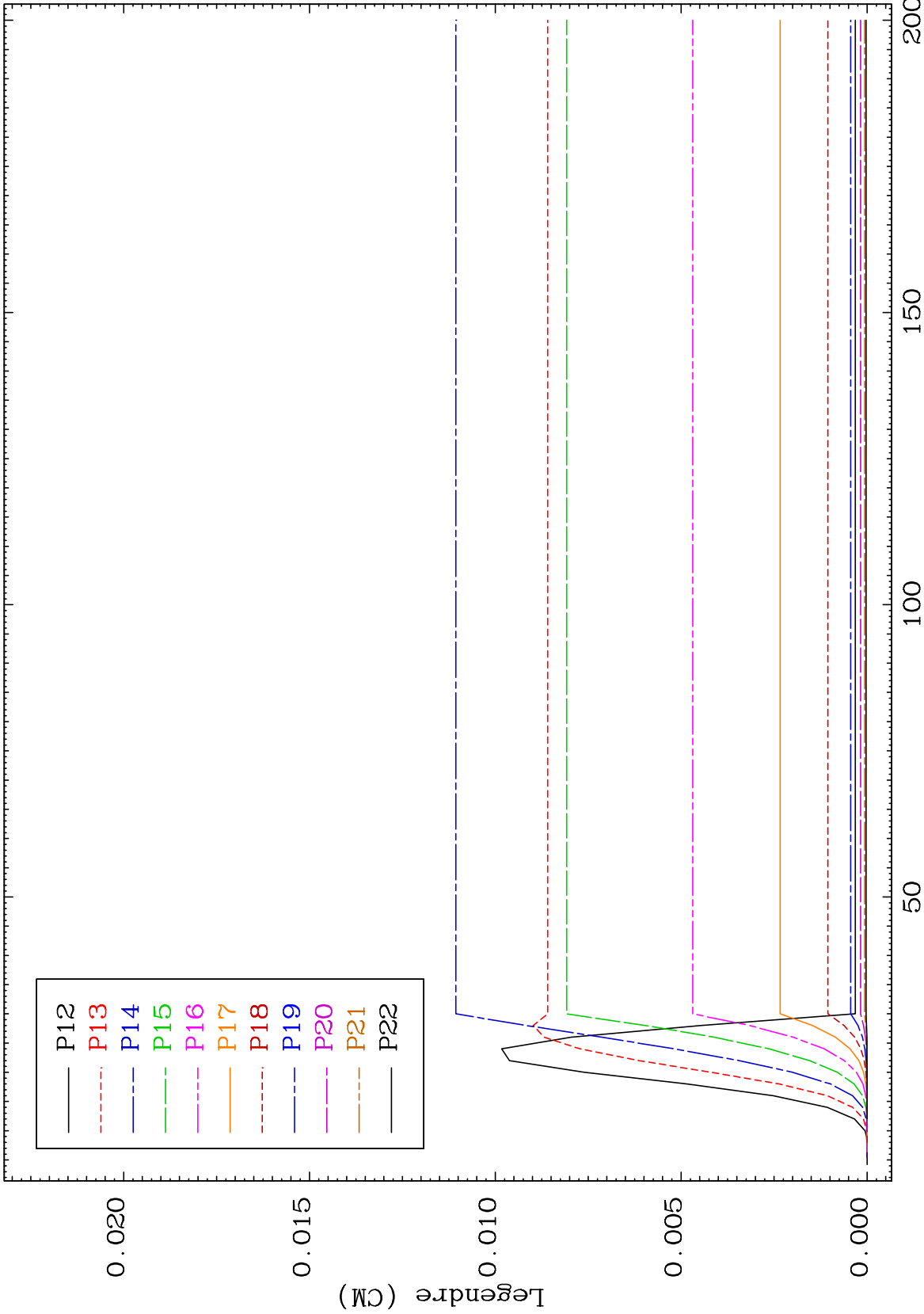


102 Incident Energy (MeV) 25-Mn-54

MAT 2522

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

²⁵Mn-54



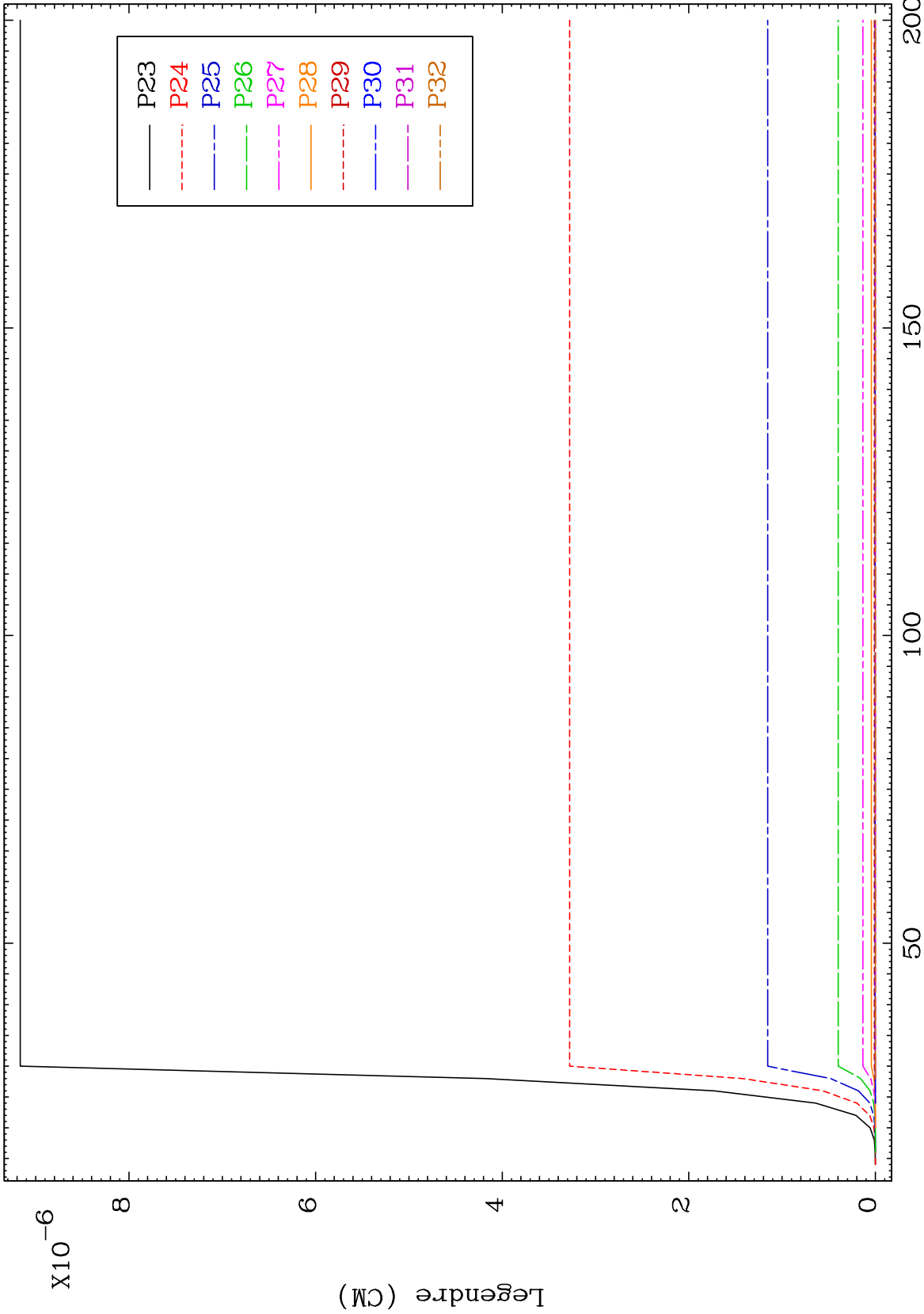
103

²⁵Mn-54

MAT 2522

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

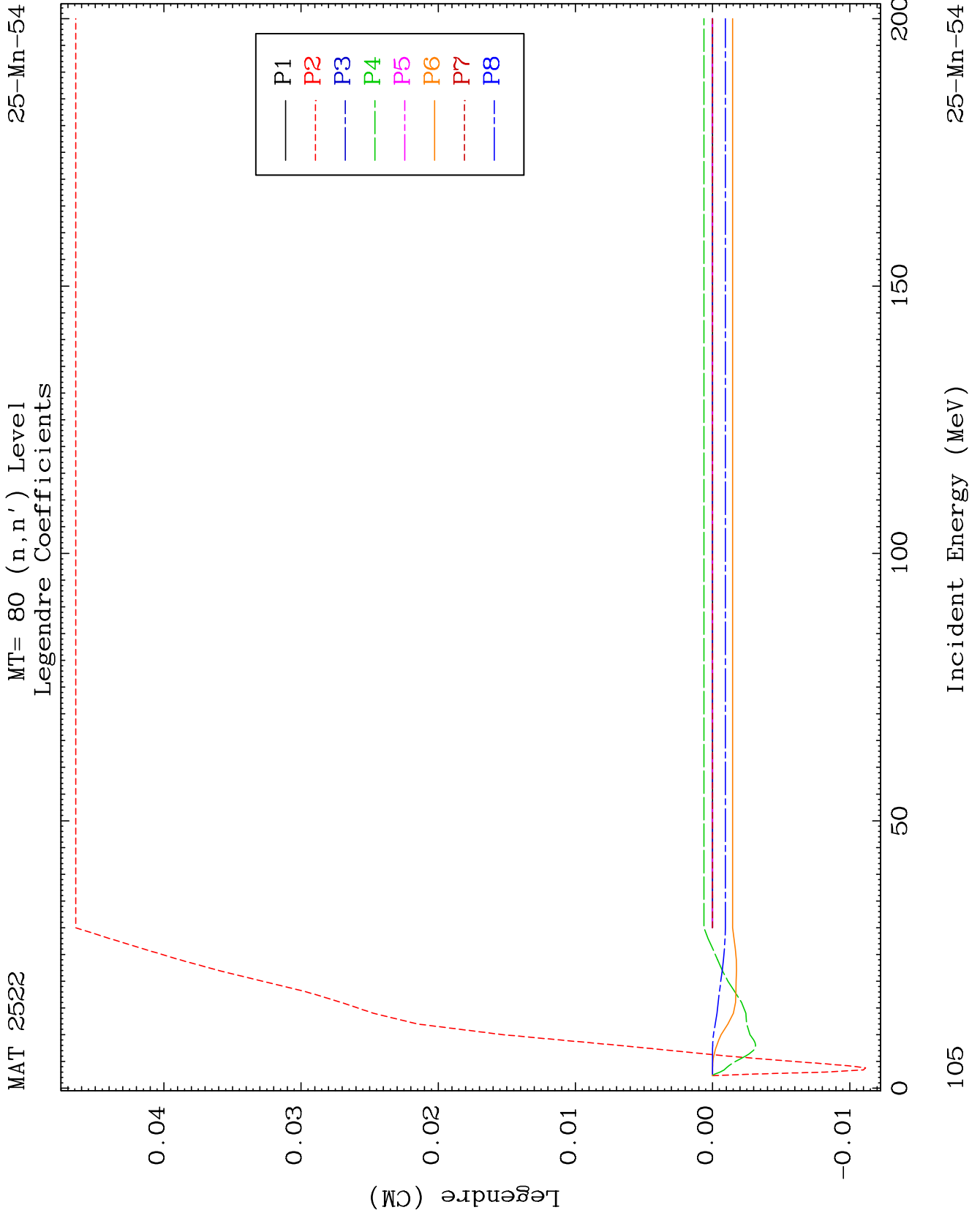
25-Mn-54

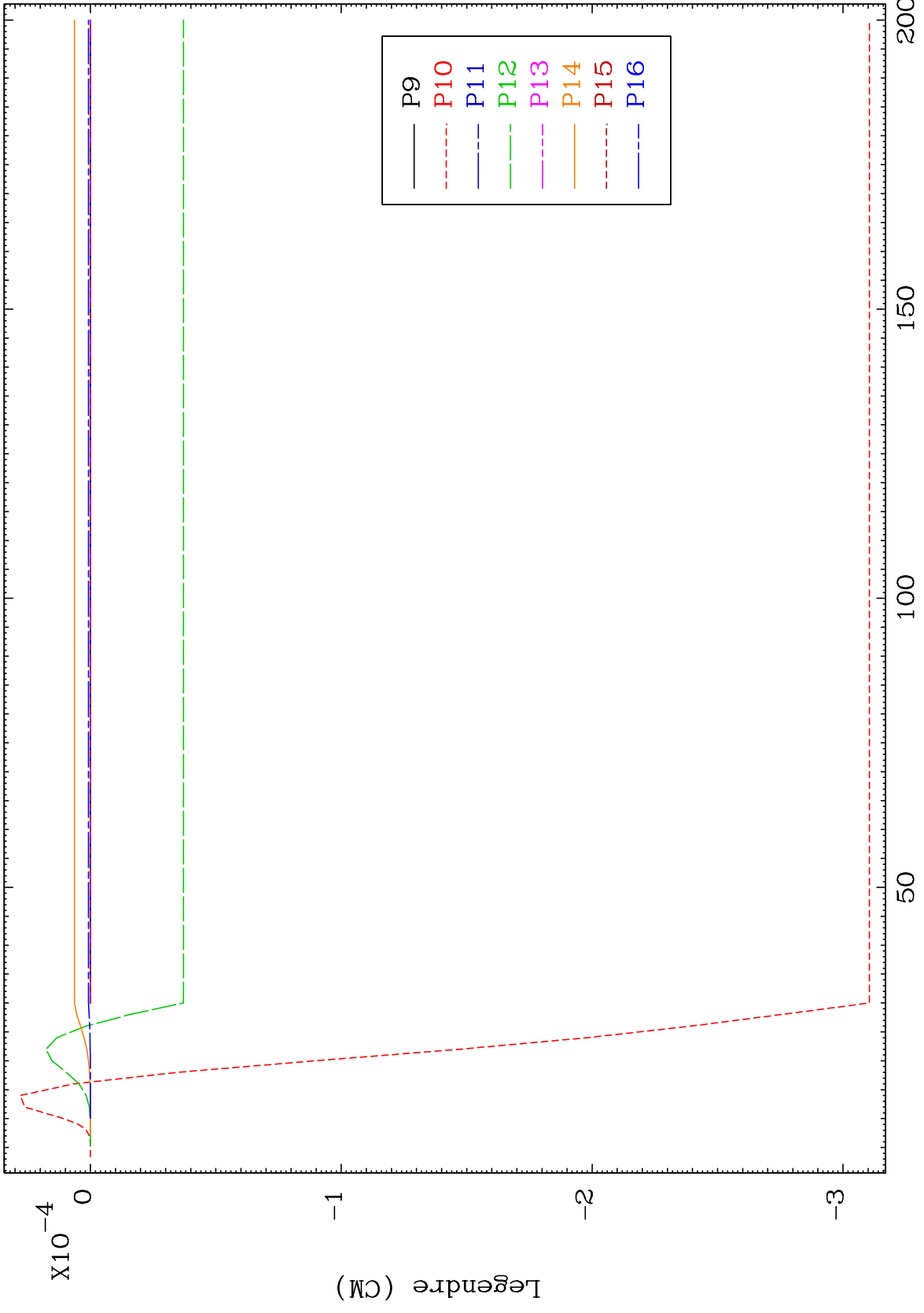


104

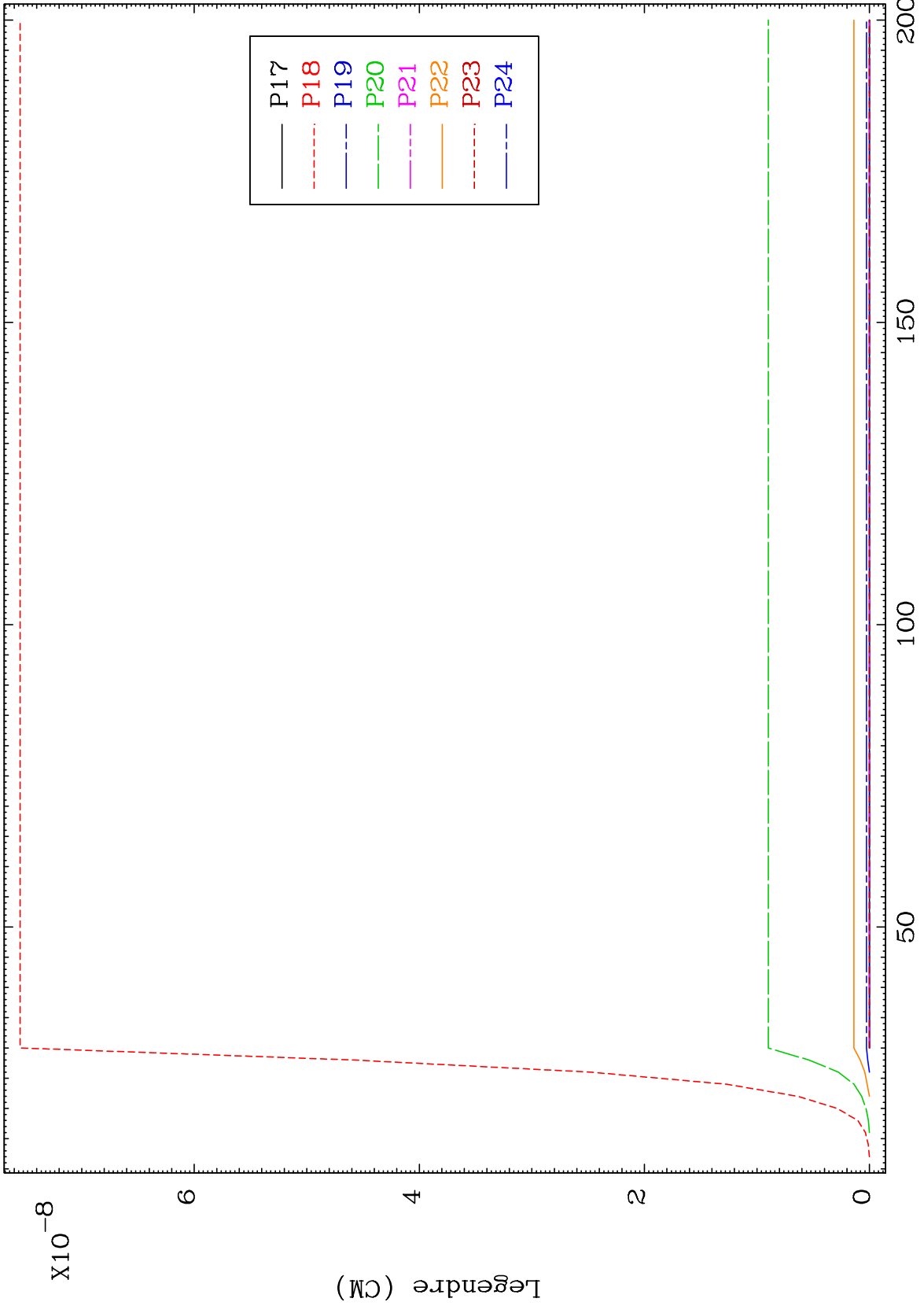
Incident Energy (MeV)

25-Mn-54

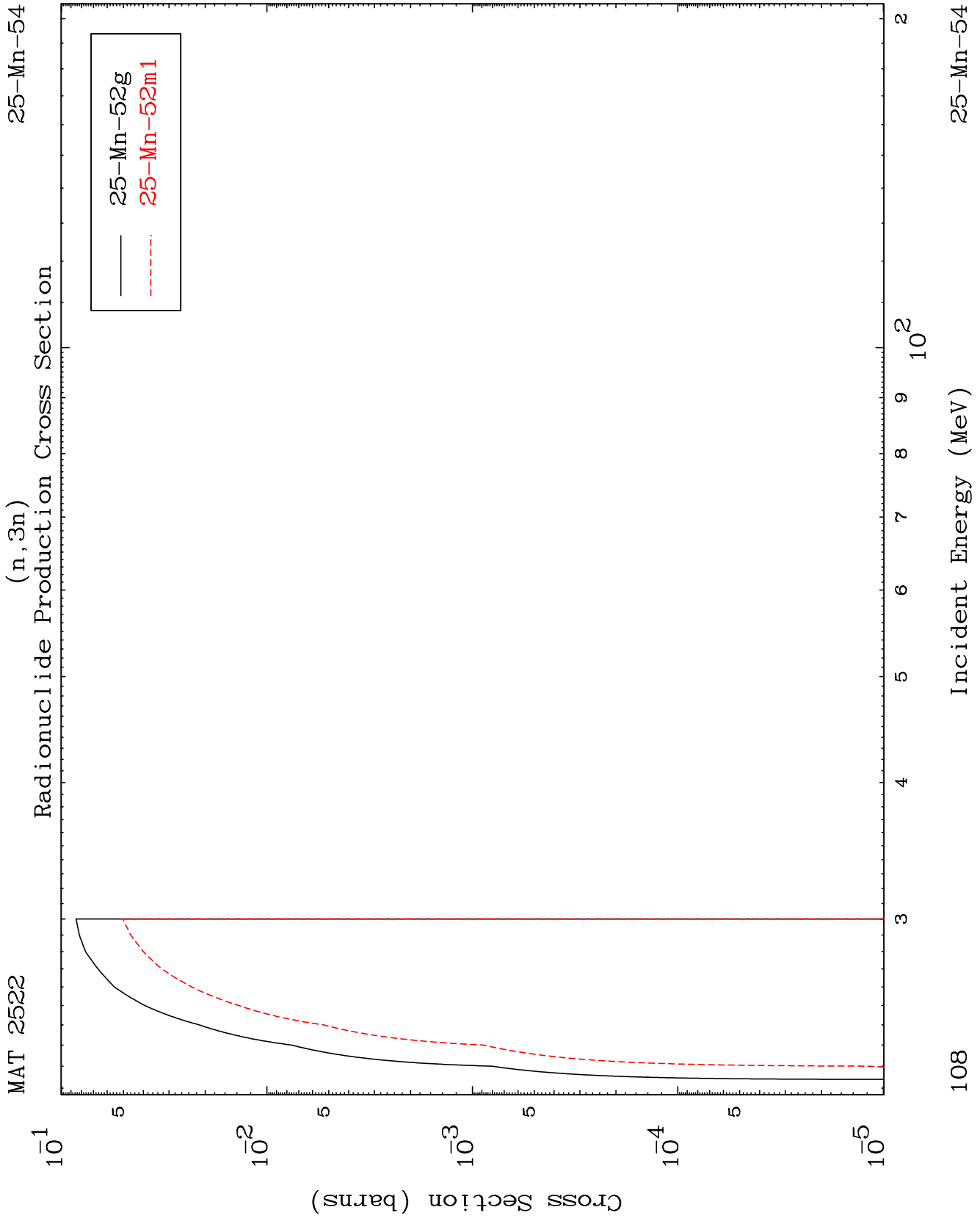




MAT 2522 MT= 80 (n,n') Level Legendre Coefficients 25-Mn-54



107 50 100 150 200 Incident Energy (MeV) 25-Mn-54

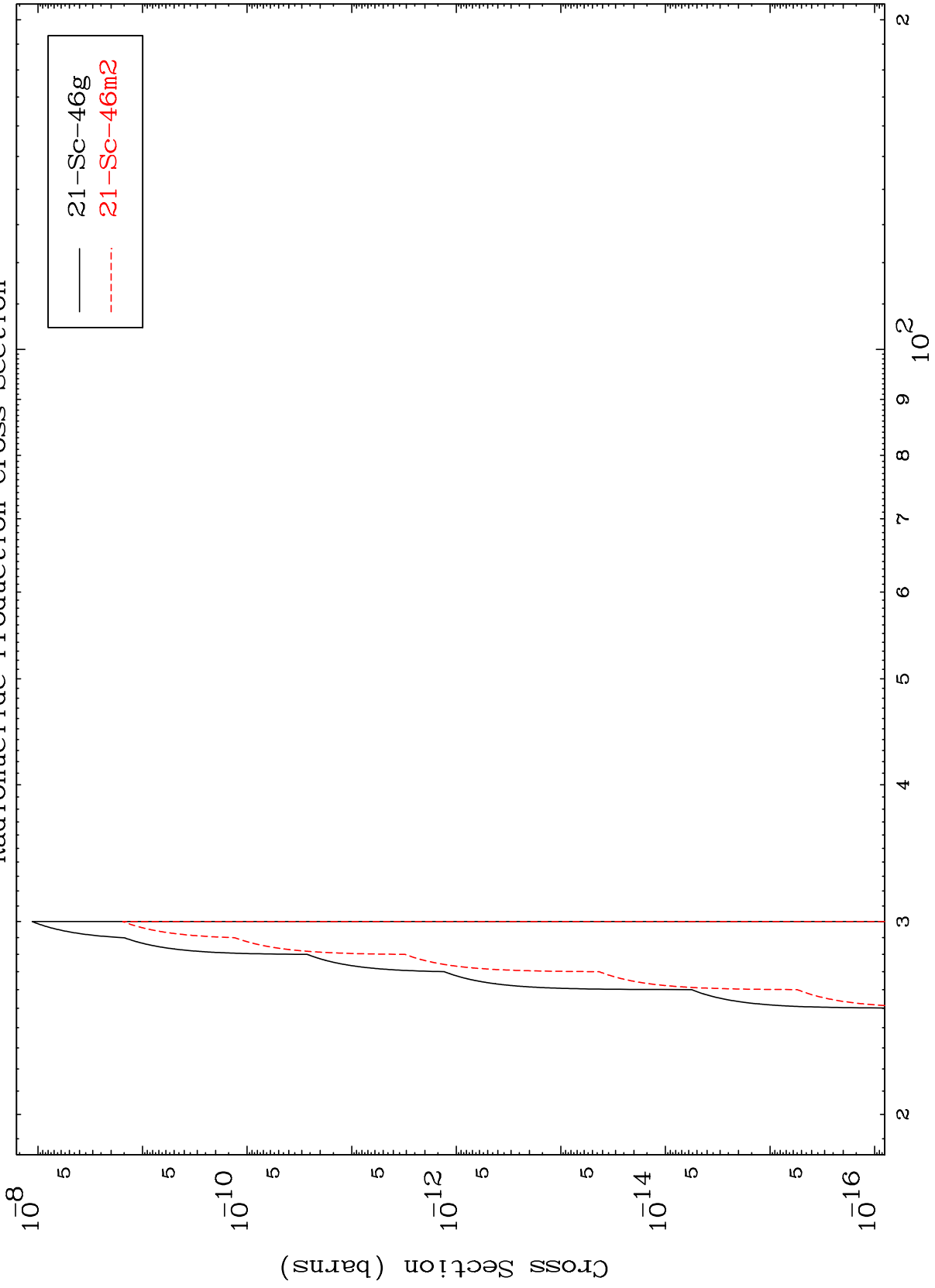


MAT 2522

(n,n') 2 α

²⁵Mn-54

Radionuclide Production Cross Section



109

Incident Energy (MeV)

²⁵Mn-54