

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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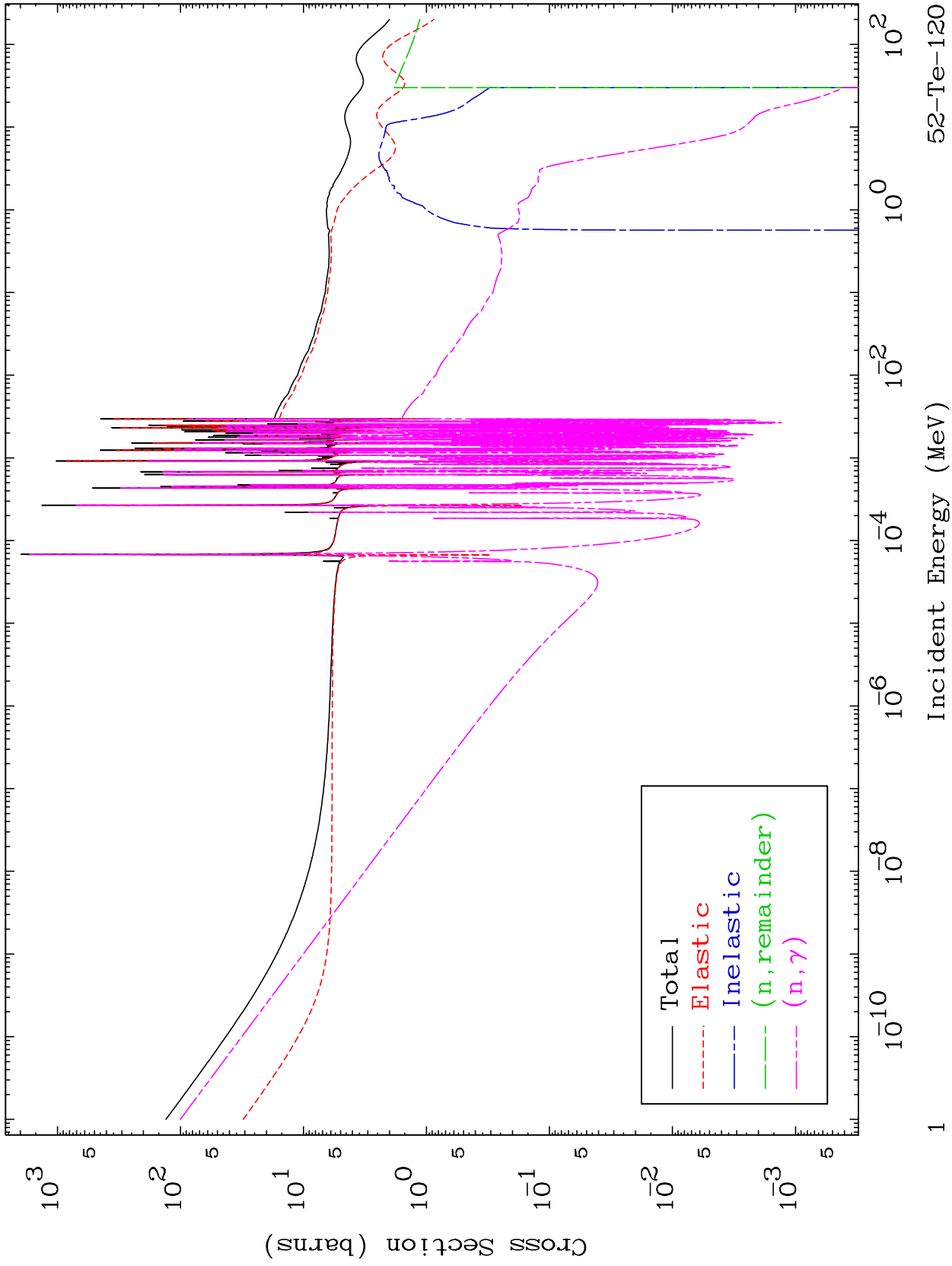
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5225

Major
293 Kelvin Cross Sections

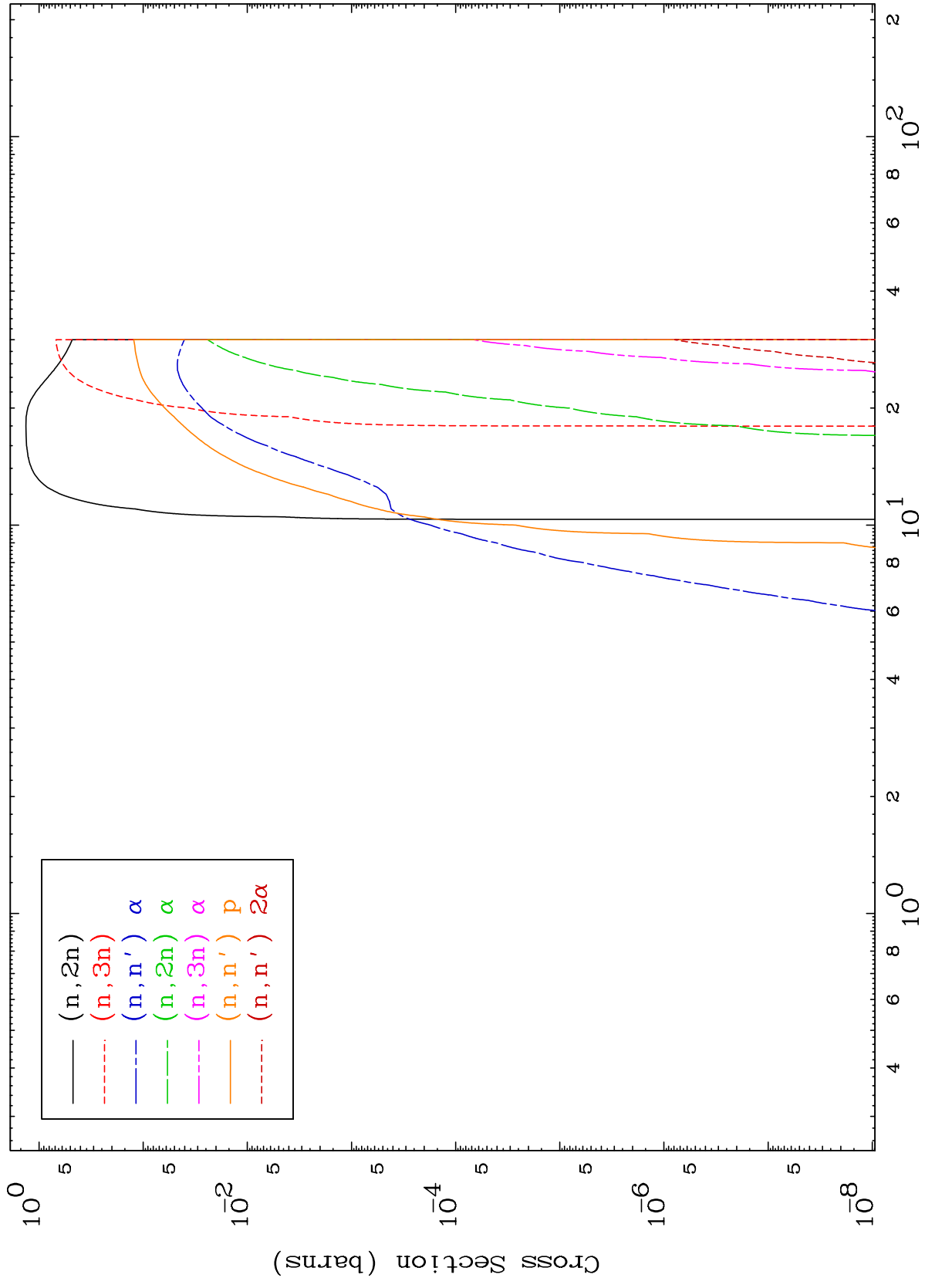
52-Te-120



MAT 5225

Neutron Production
293 Kelvin Cross Sections

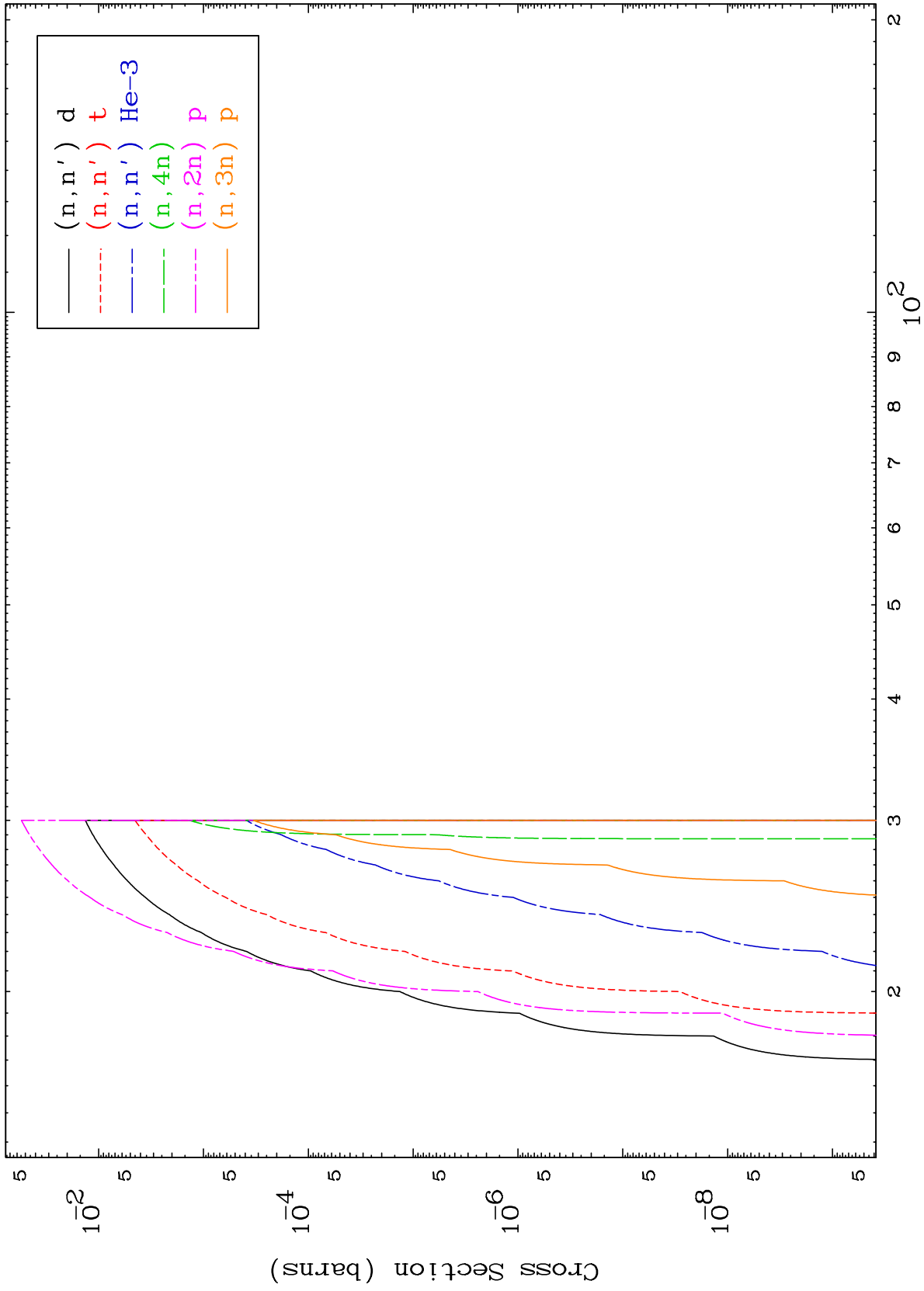
52-Te-120



2

Incident Energy (MeV)

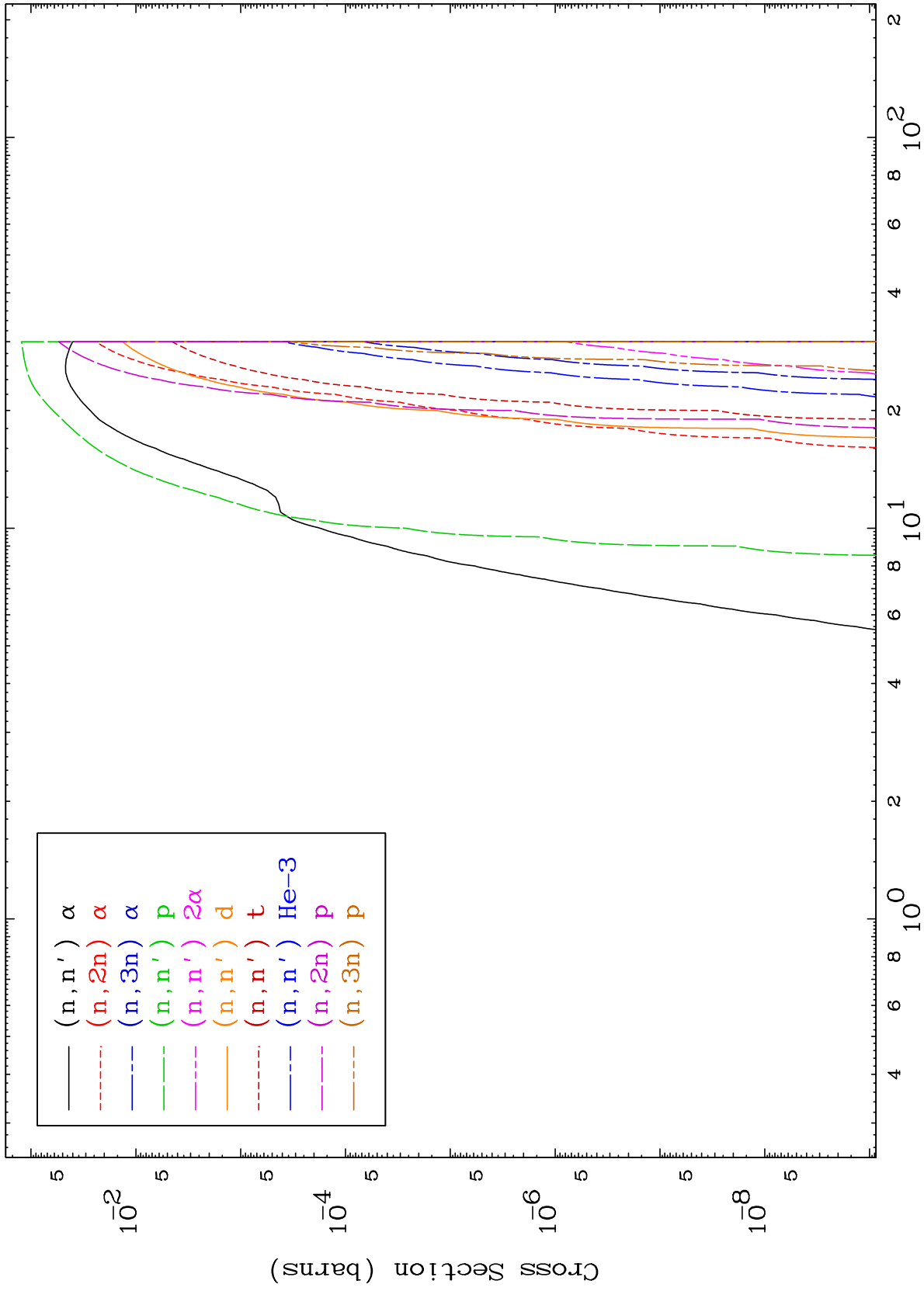
52-Te-120



MAT 5225

293 Kelvin Cross Sections

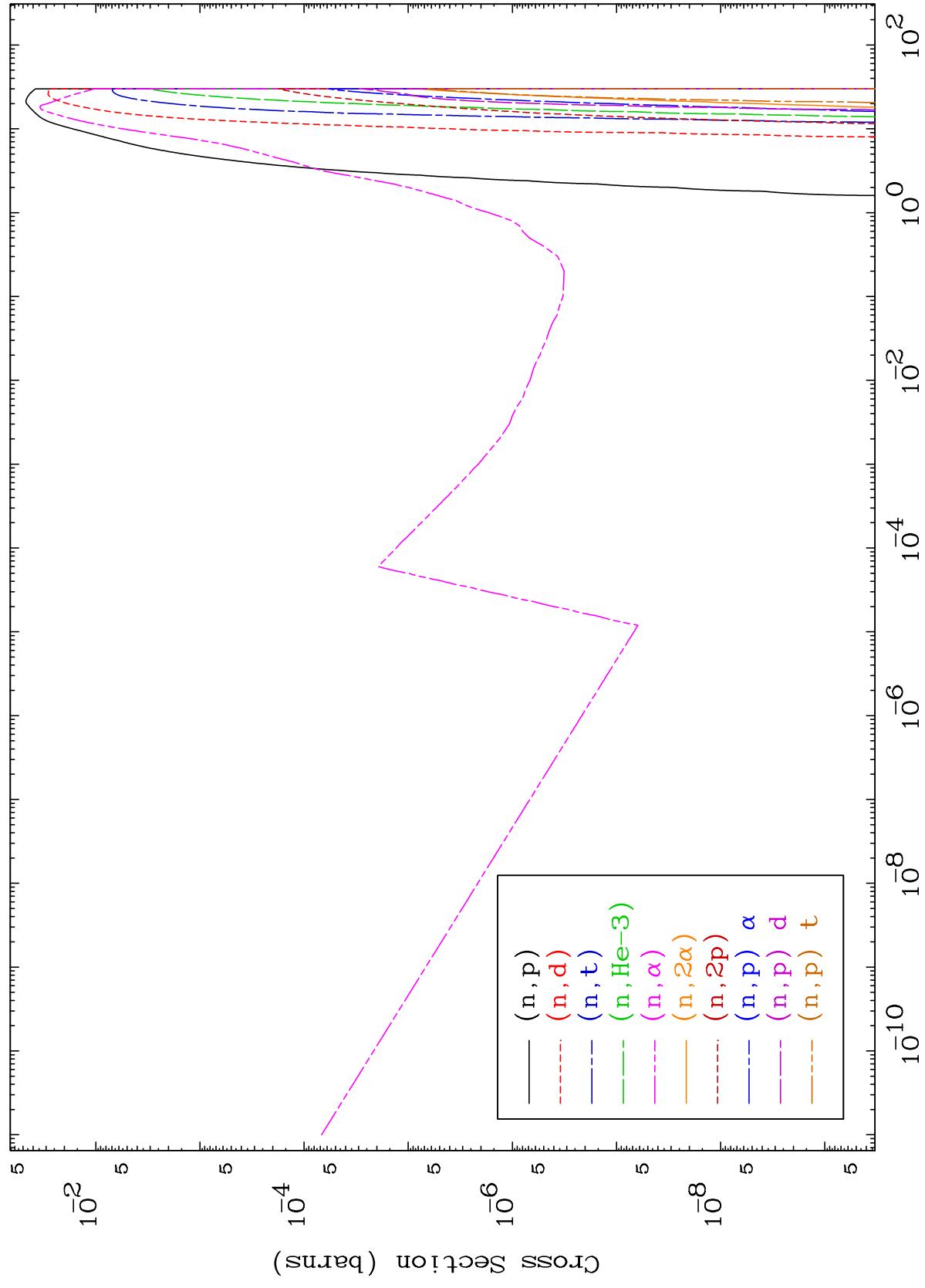
52-Te-120



MAT 5225

293 Kelvin Cross Sections

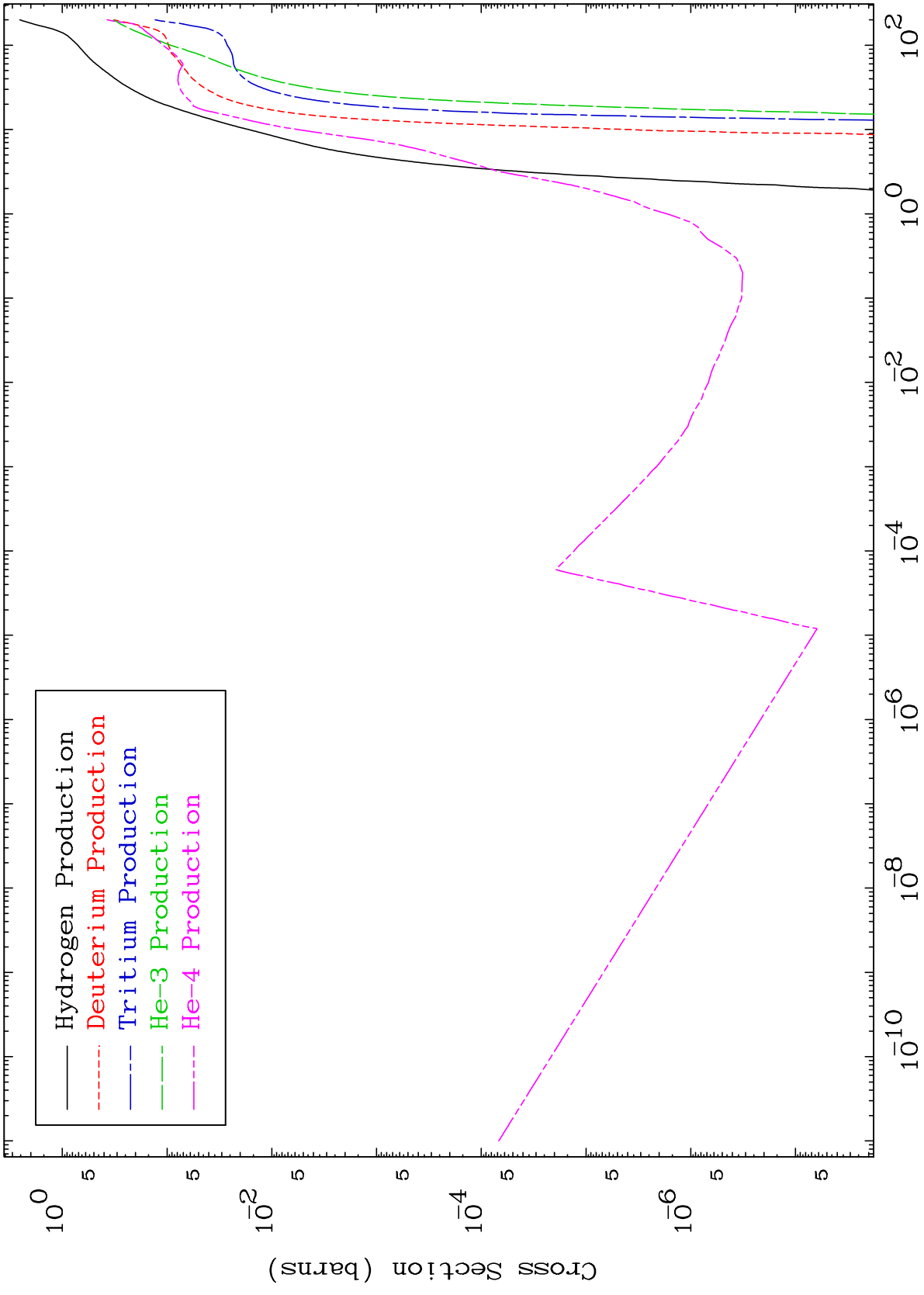
52-Te-120



MAT 5225

Particle Production
293 Kelvin Cross Sections

52-Te-120

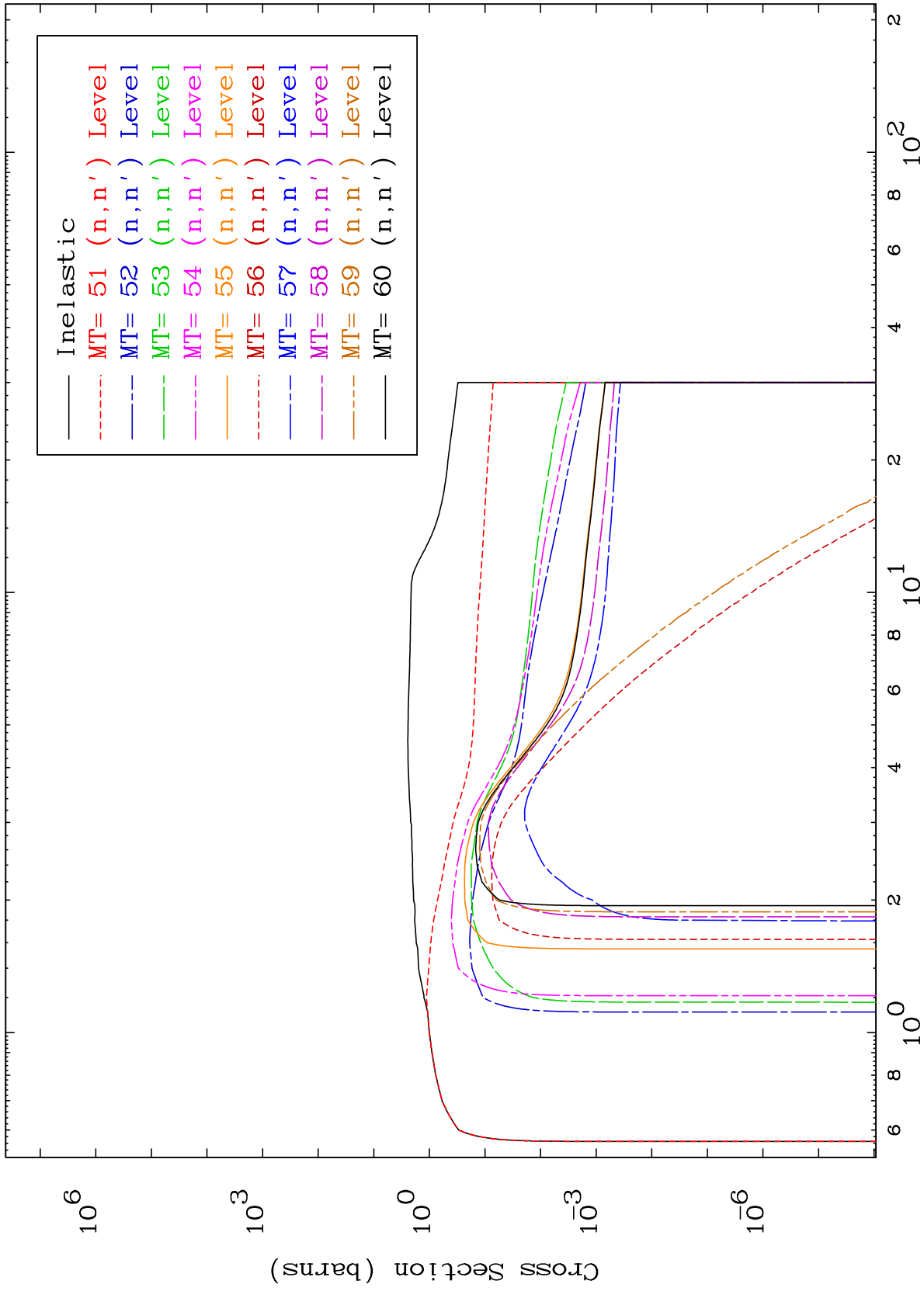


52-Te-120

MAT 5225

(n,n') Level
293 Kelvin Cross Sections

52-Te-120



7

Incident Energy (MeV)

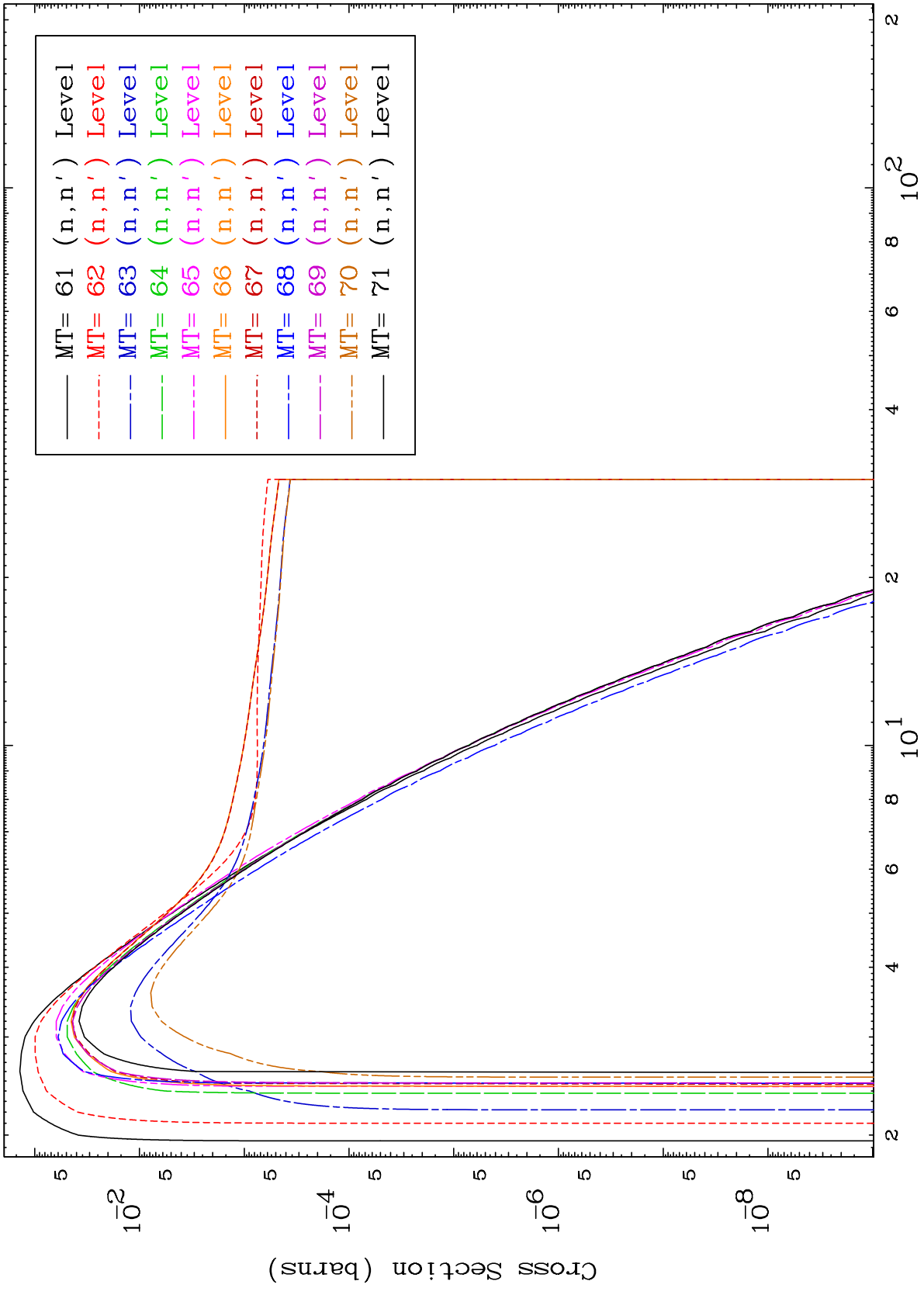
52-Te-120

MAT 5225

(n,n') Level

52-Te-120

293 Kelvin Cross Sections



8

Incident Energy (MeV)

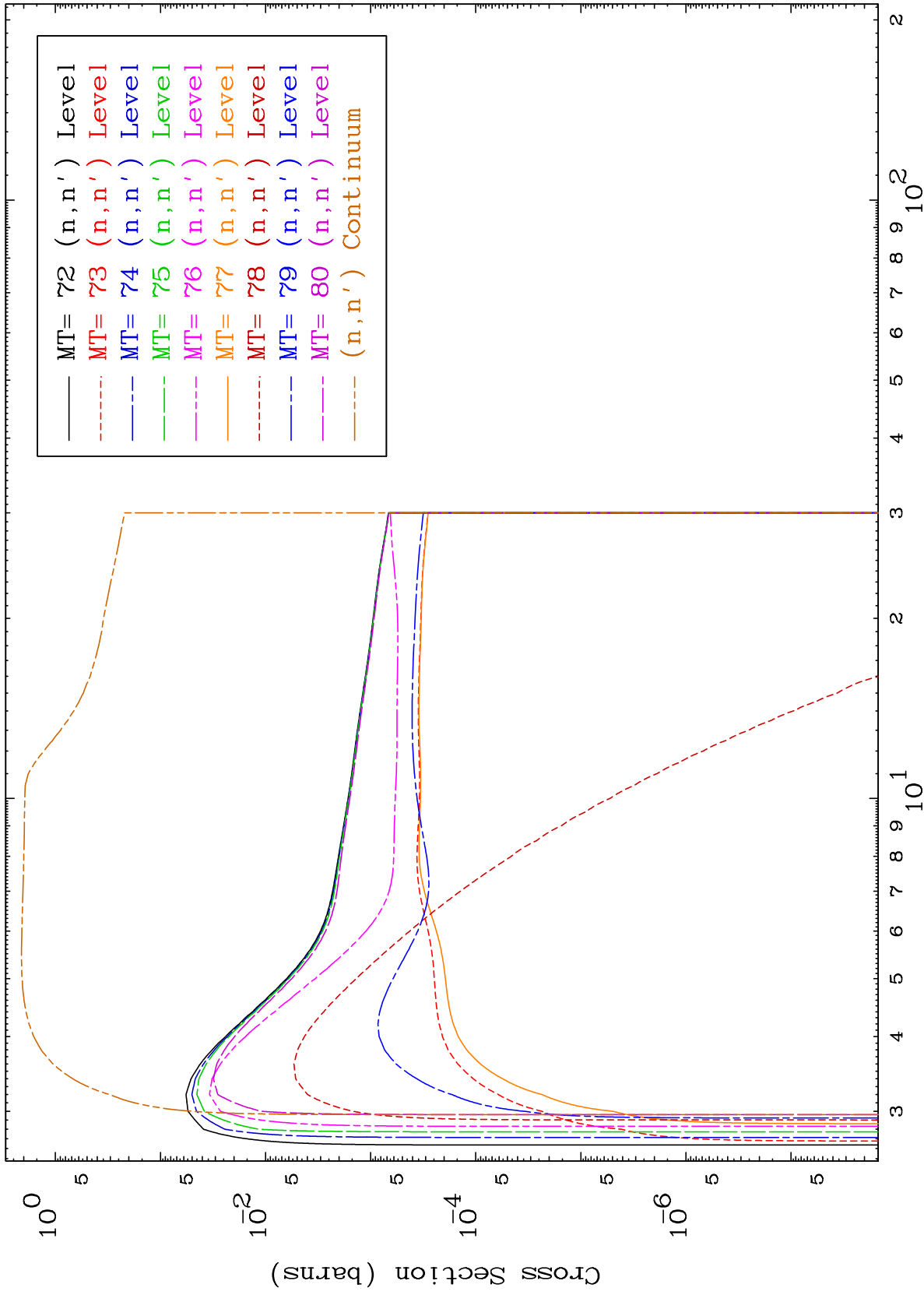
52-Te-120

MAT 5225

(n,n') Level

52-Te-120

293 Kelvin Cross Sections



9

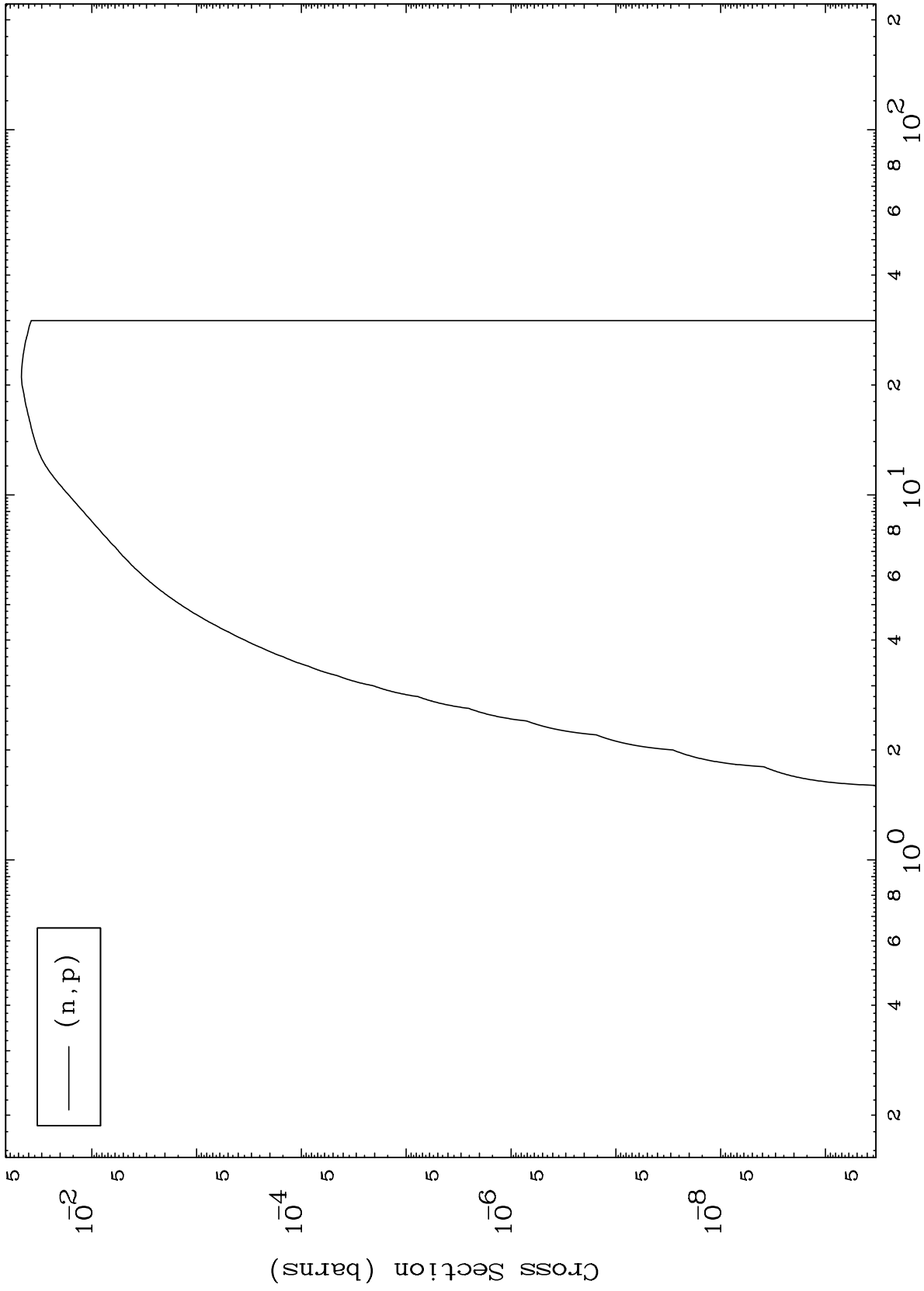
Incident Energy (MeV)

52-Te-120

MAT 5225

(n,p) Levels
293 Kelvin Cross Sections

52-Te-120



10

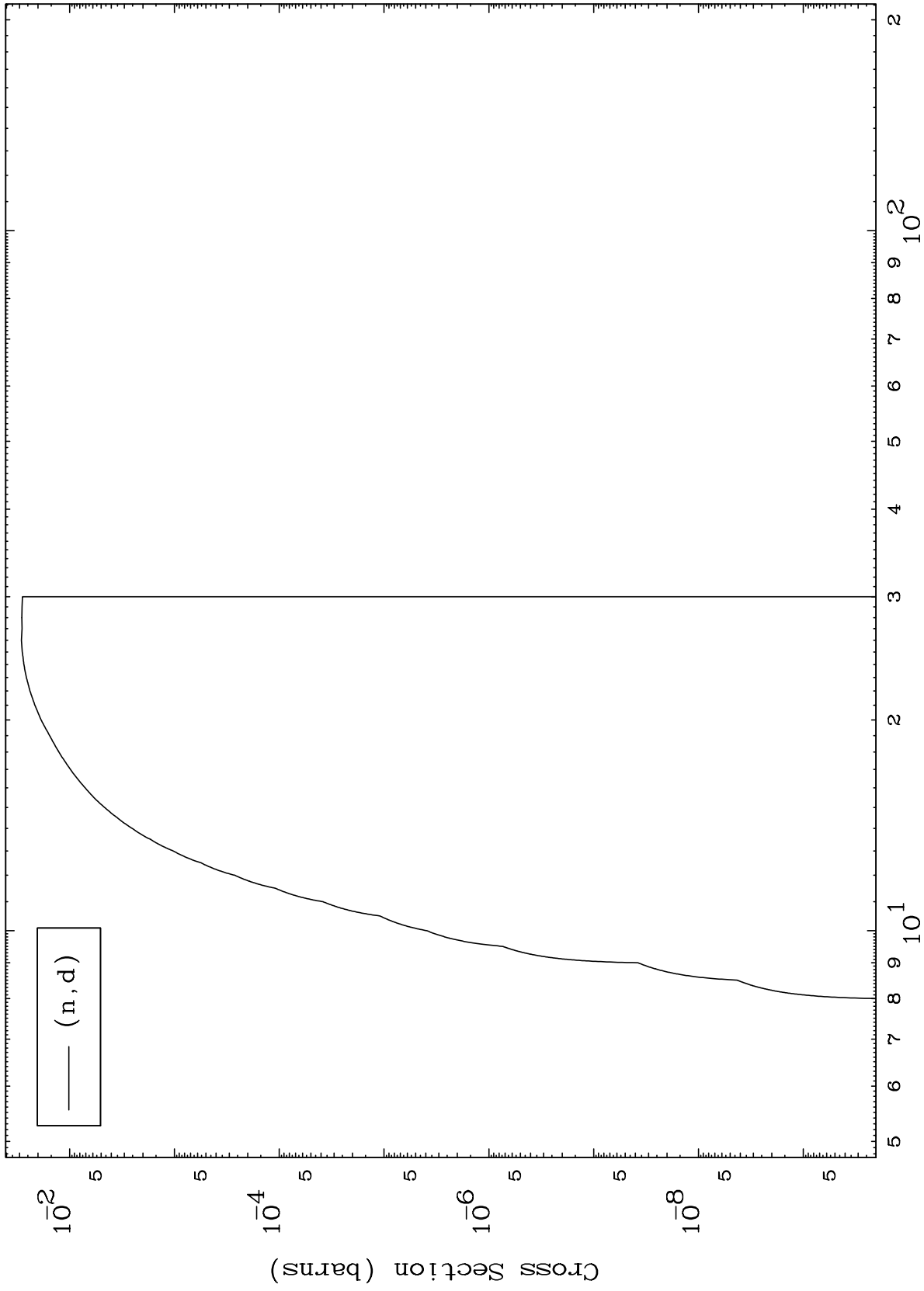
Incident Energy (MeV)

52-Te-120

MAT 5225

(n,d) Levels
293 Kelvin Cross Sections

52-Te-120



11

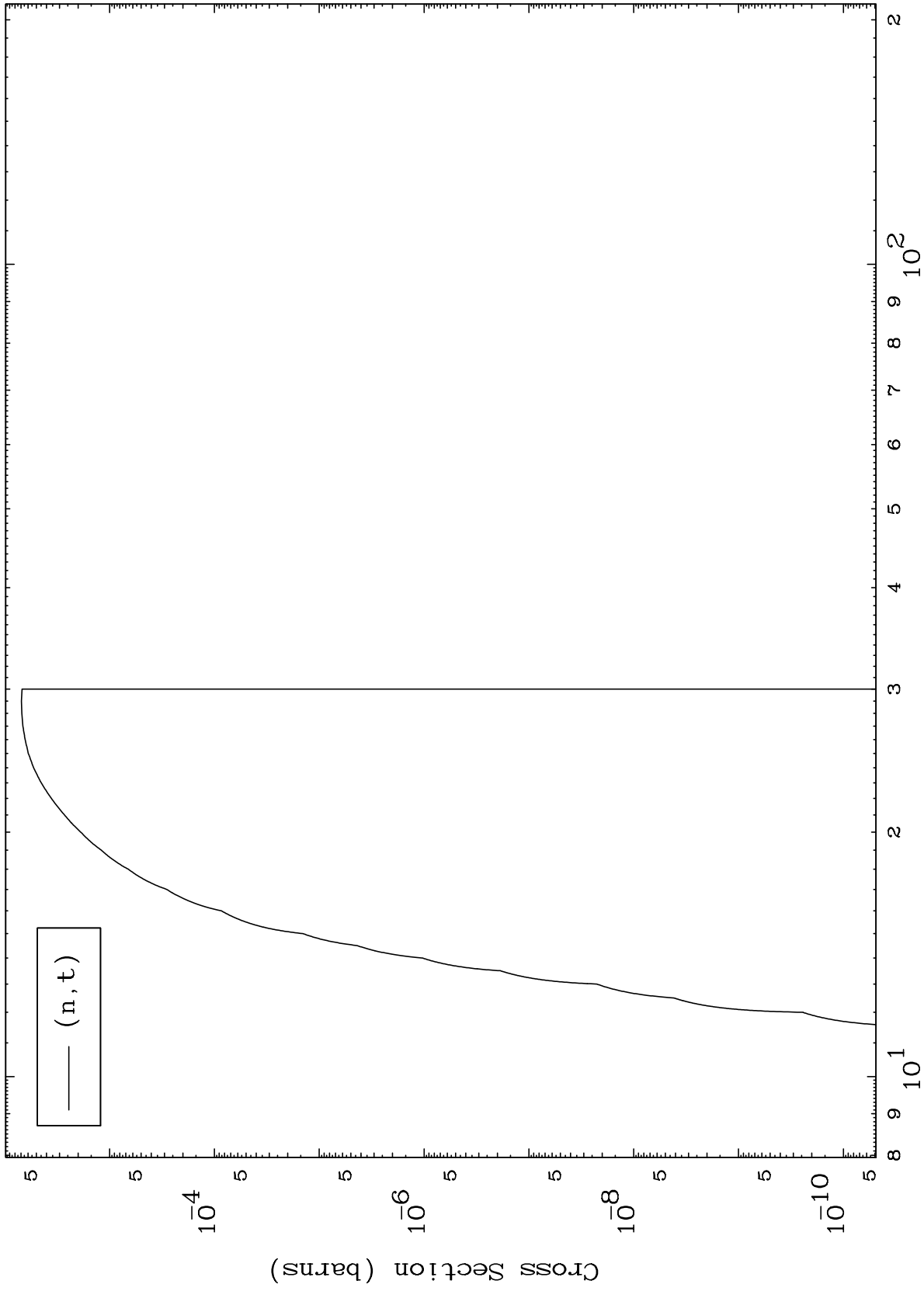
Incident Energy (MeV)

52-Te-120

MAT 5225

(n,t) Levels
293 Kelvin Cross Sections

52-Te-120



12

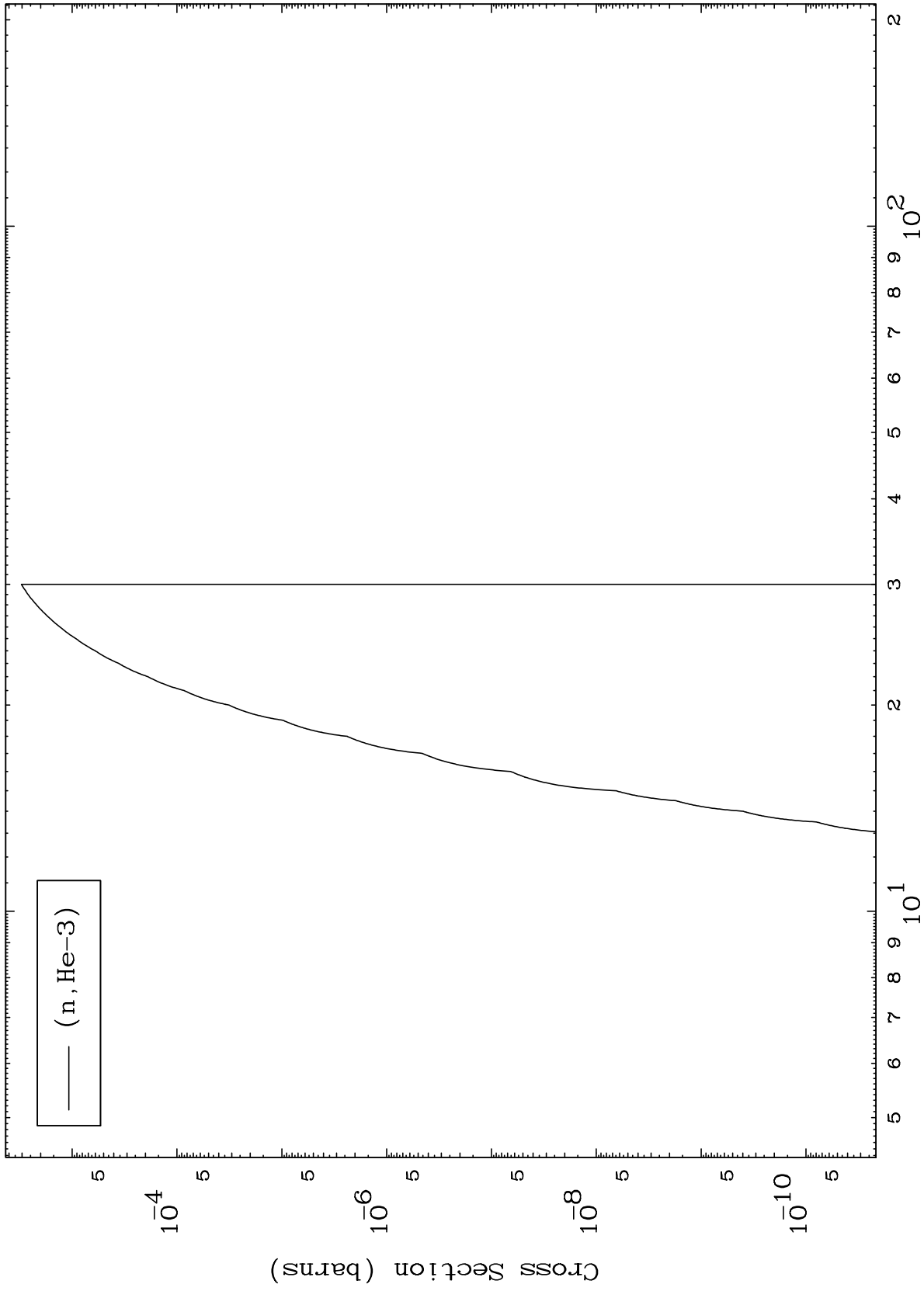
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52-Te-120

MAT 5225

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-120



13

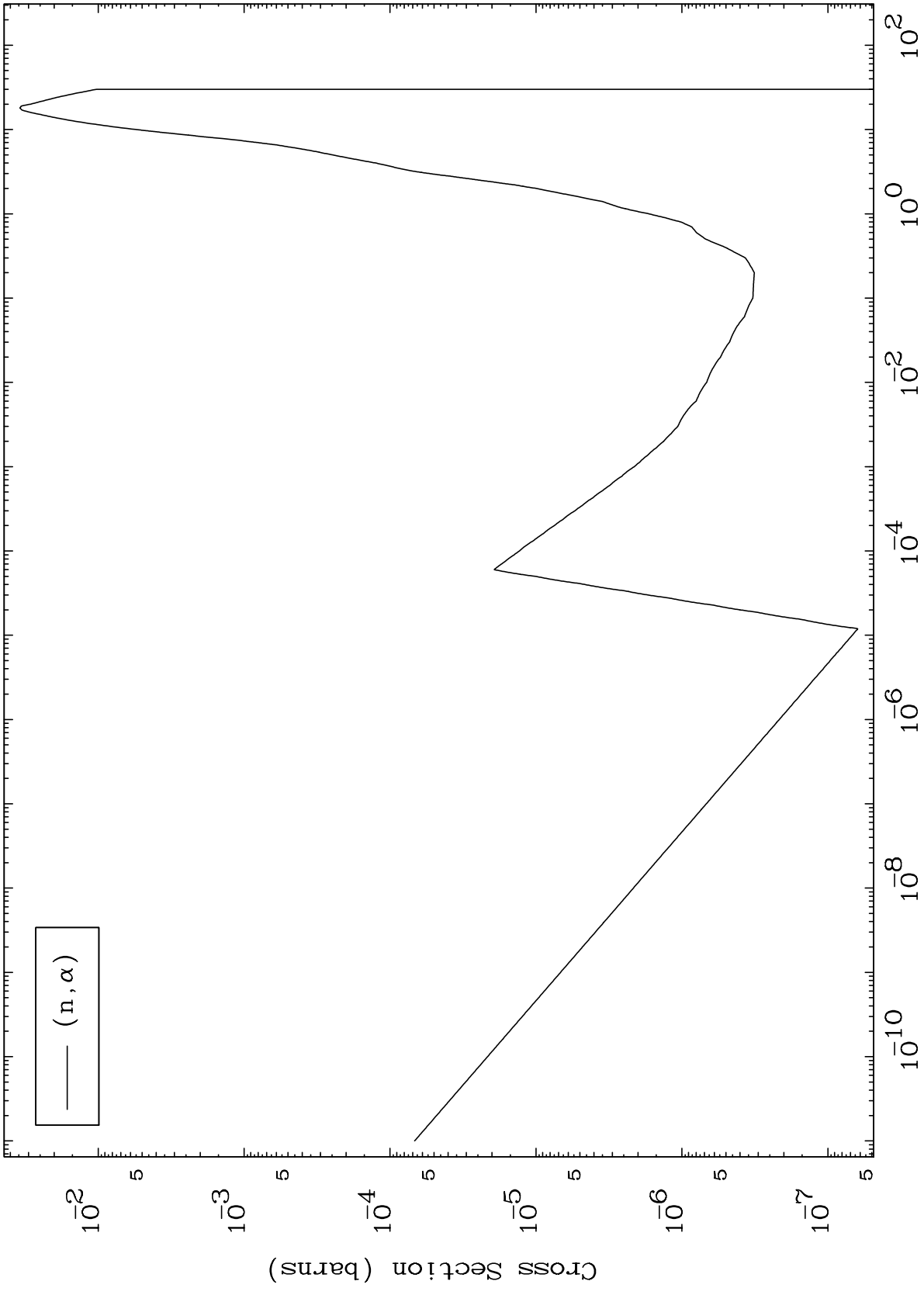
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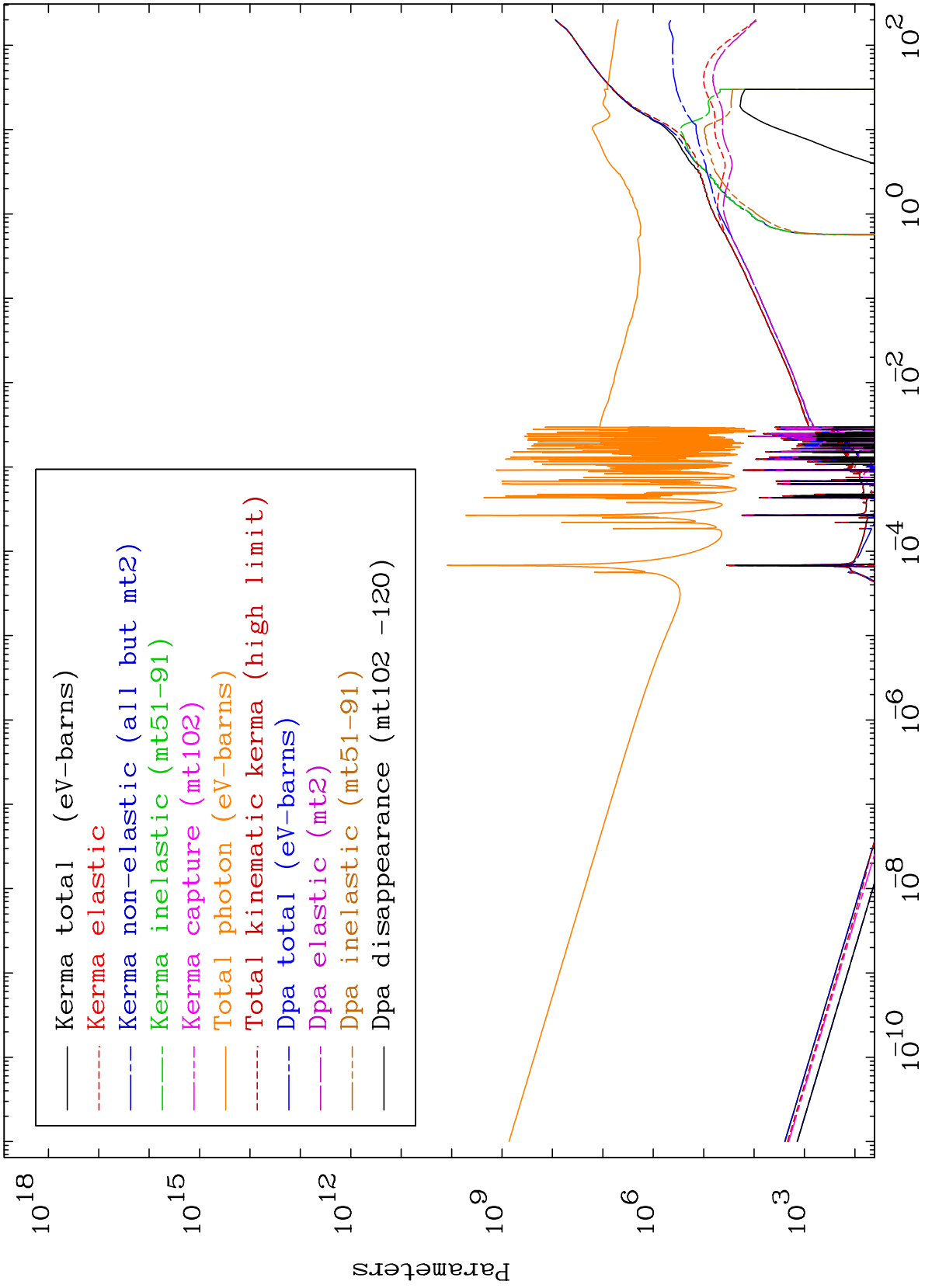
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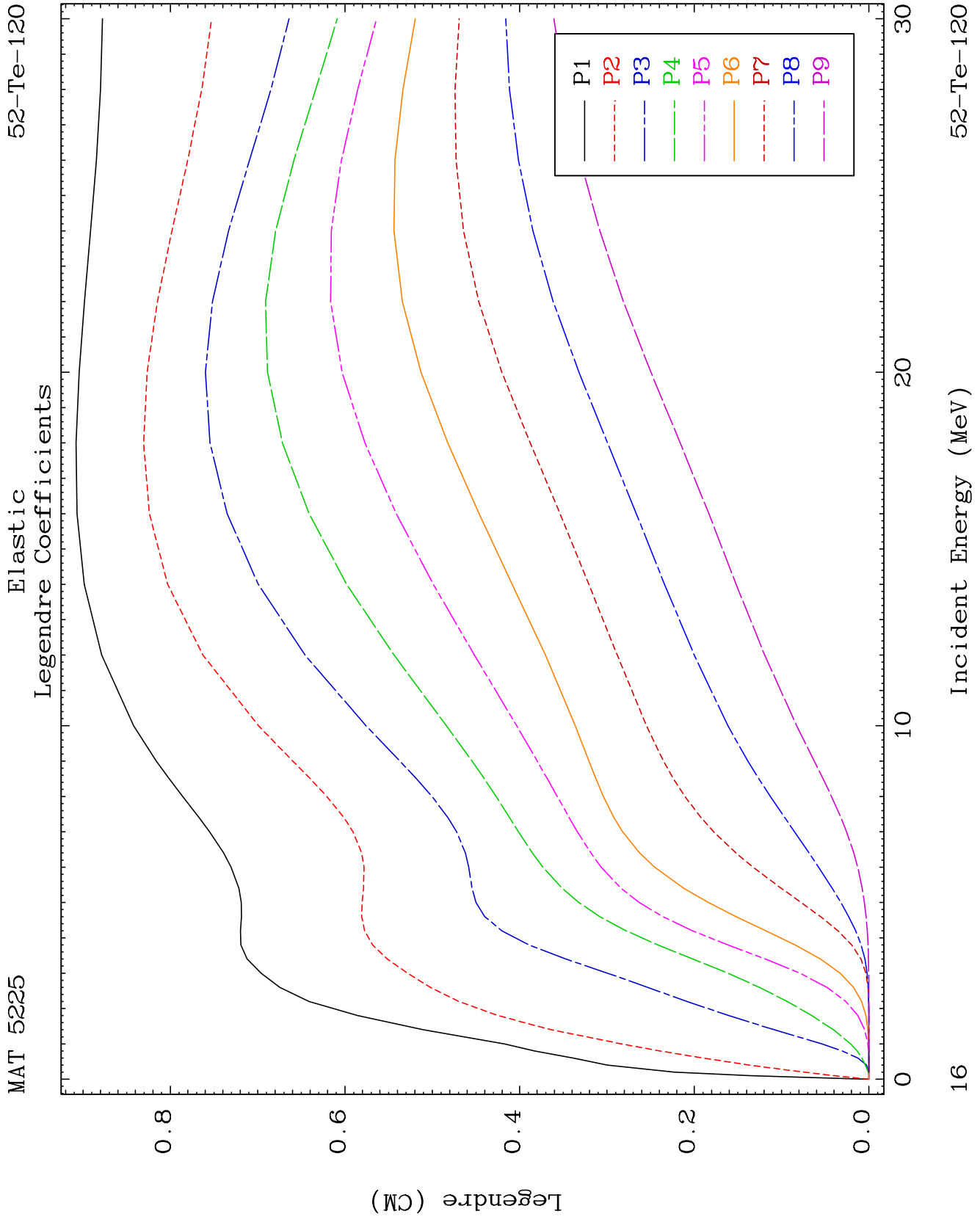
MAT 5225

(n,α) Levels
293 Kelvin Cross Sections

52-Te-120



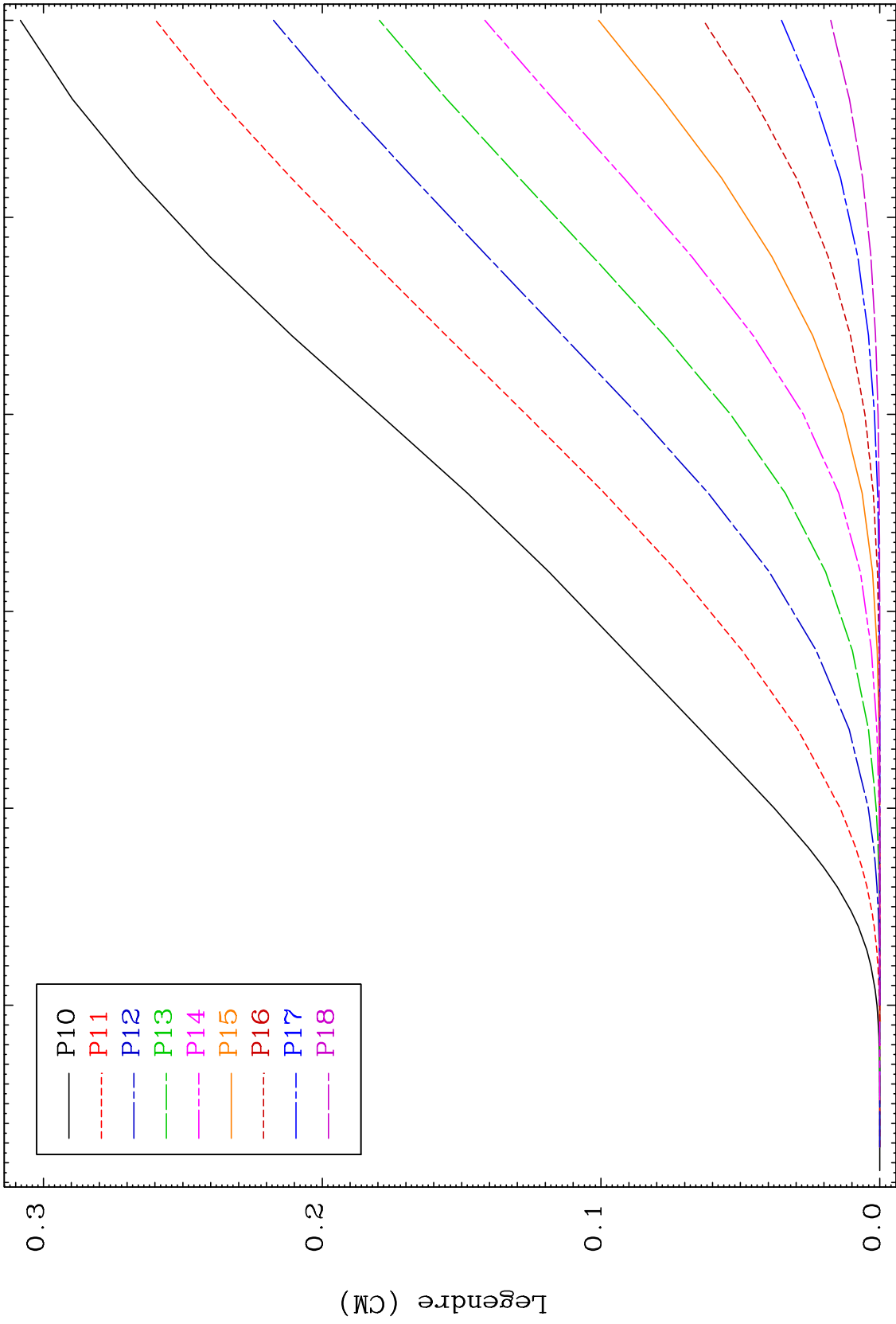




MAT 5225

Elastic Legendre Coefficients

52-Te-120



17

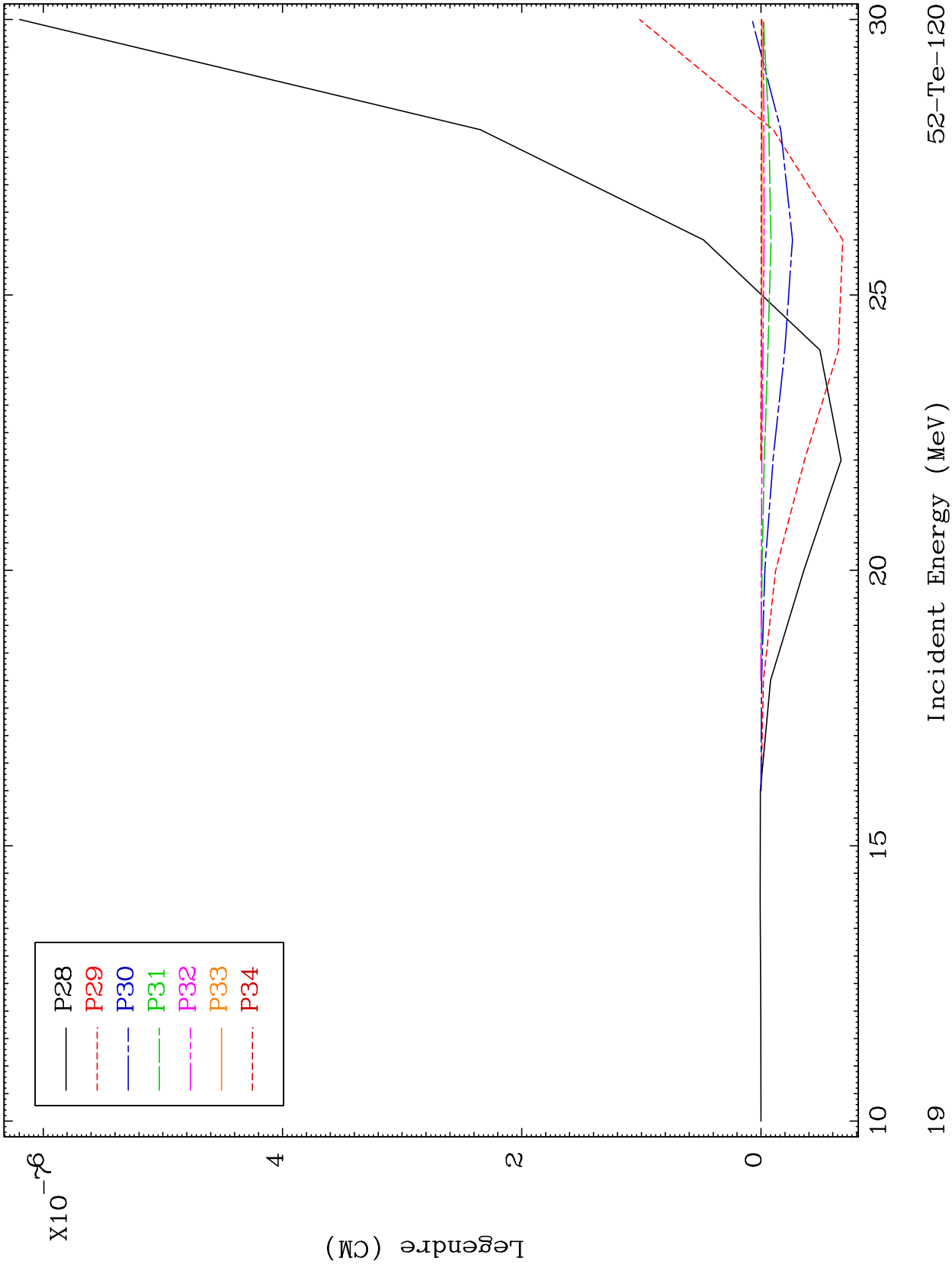
Incident Energy (MeV)

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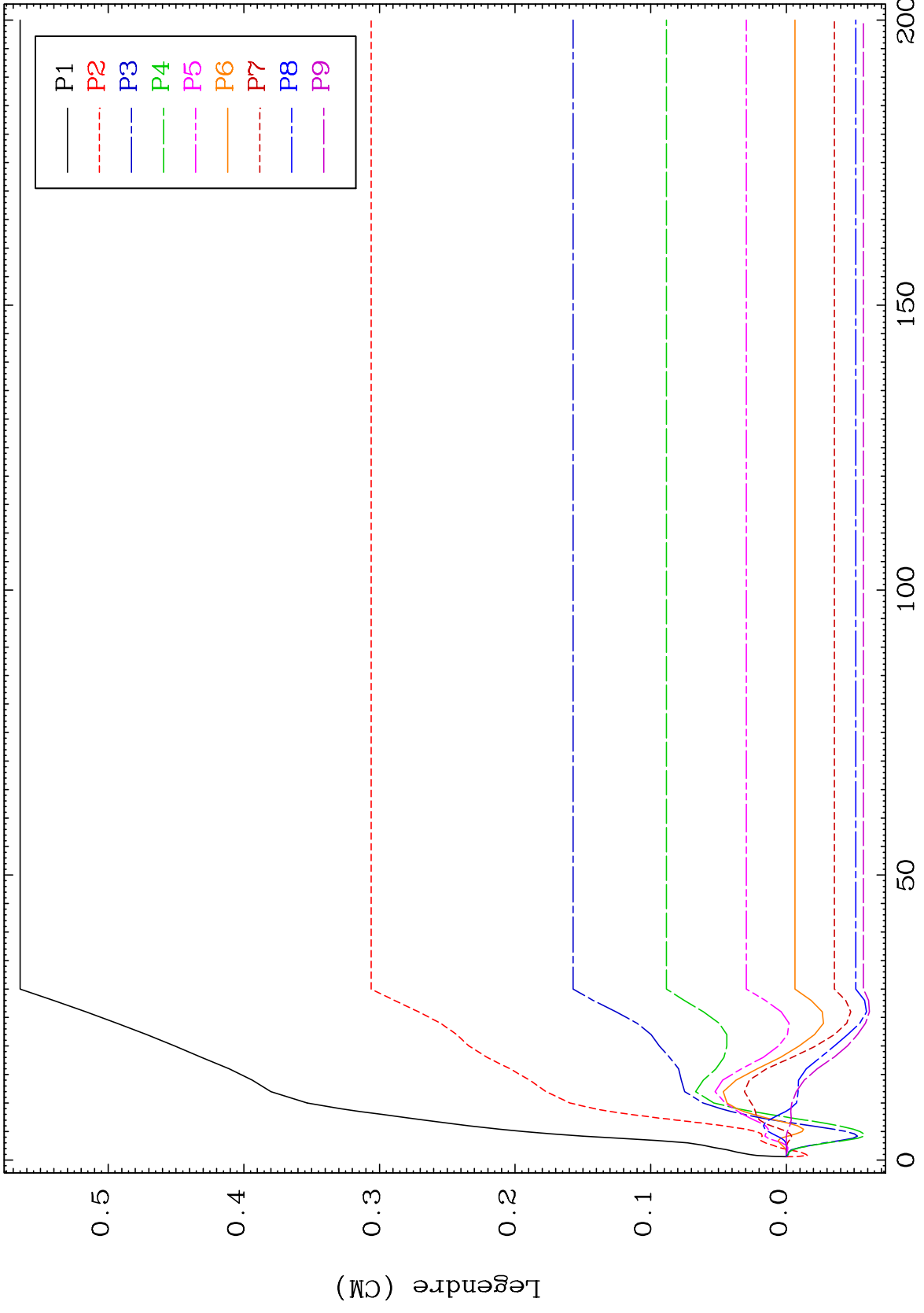
MAT 5225

Elastic Legendre Coefficients

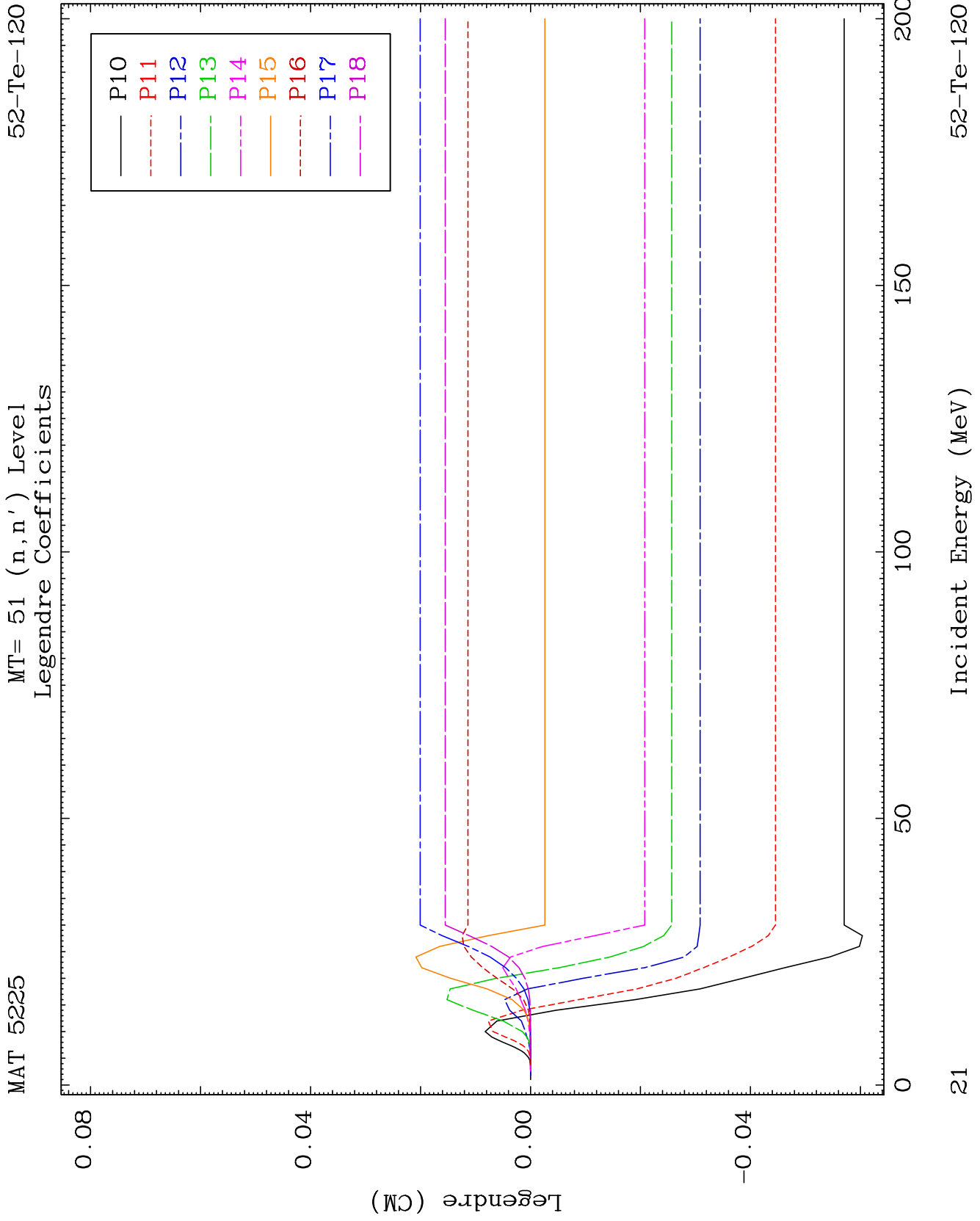
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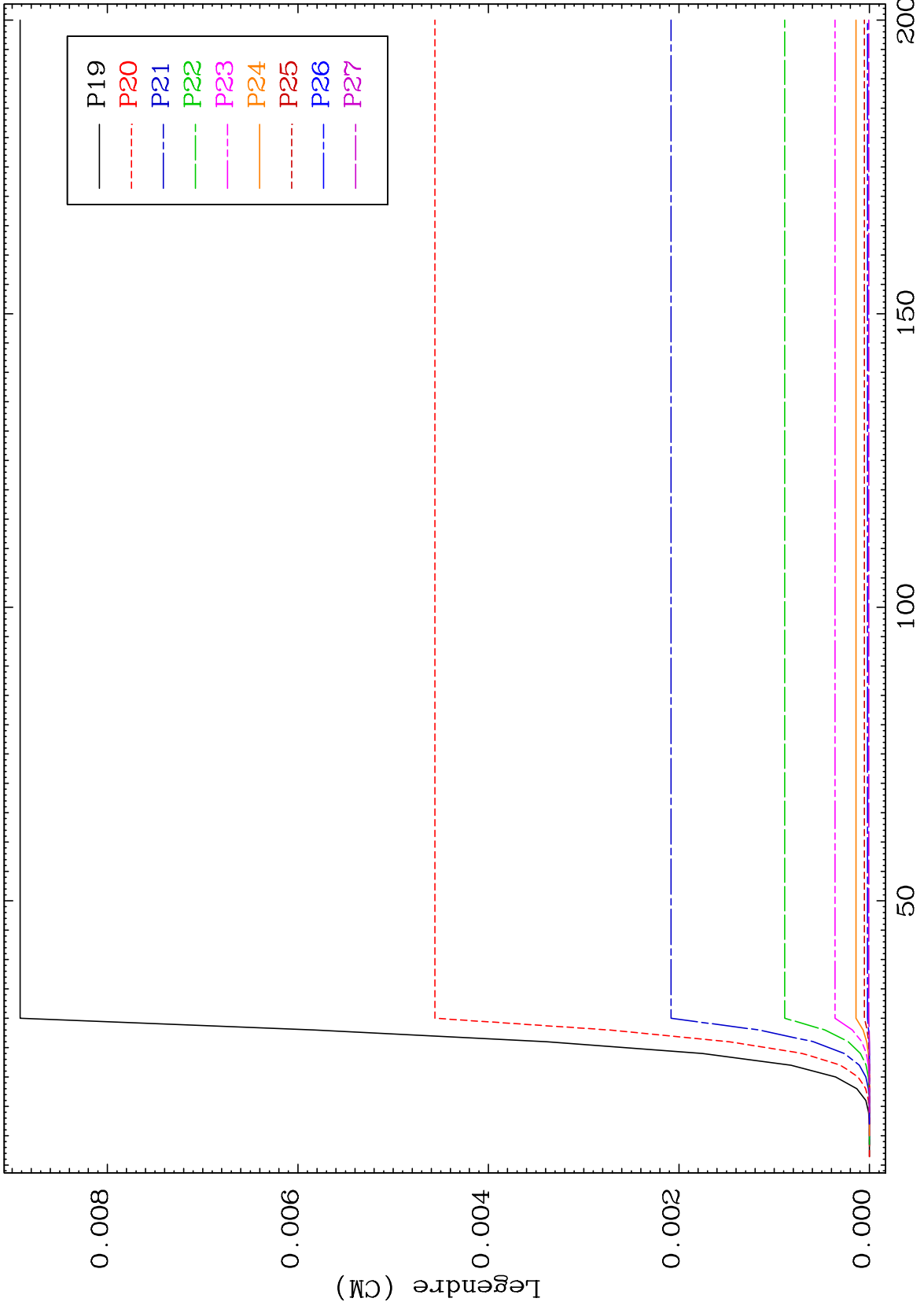
MAT 5225 MT= 51 (n,n') Level Legendre Coefficients 52-Te-120



Legendre (CM) Incident Energy (MeV) 52-Te-120



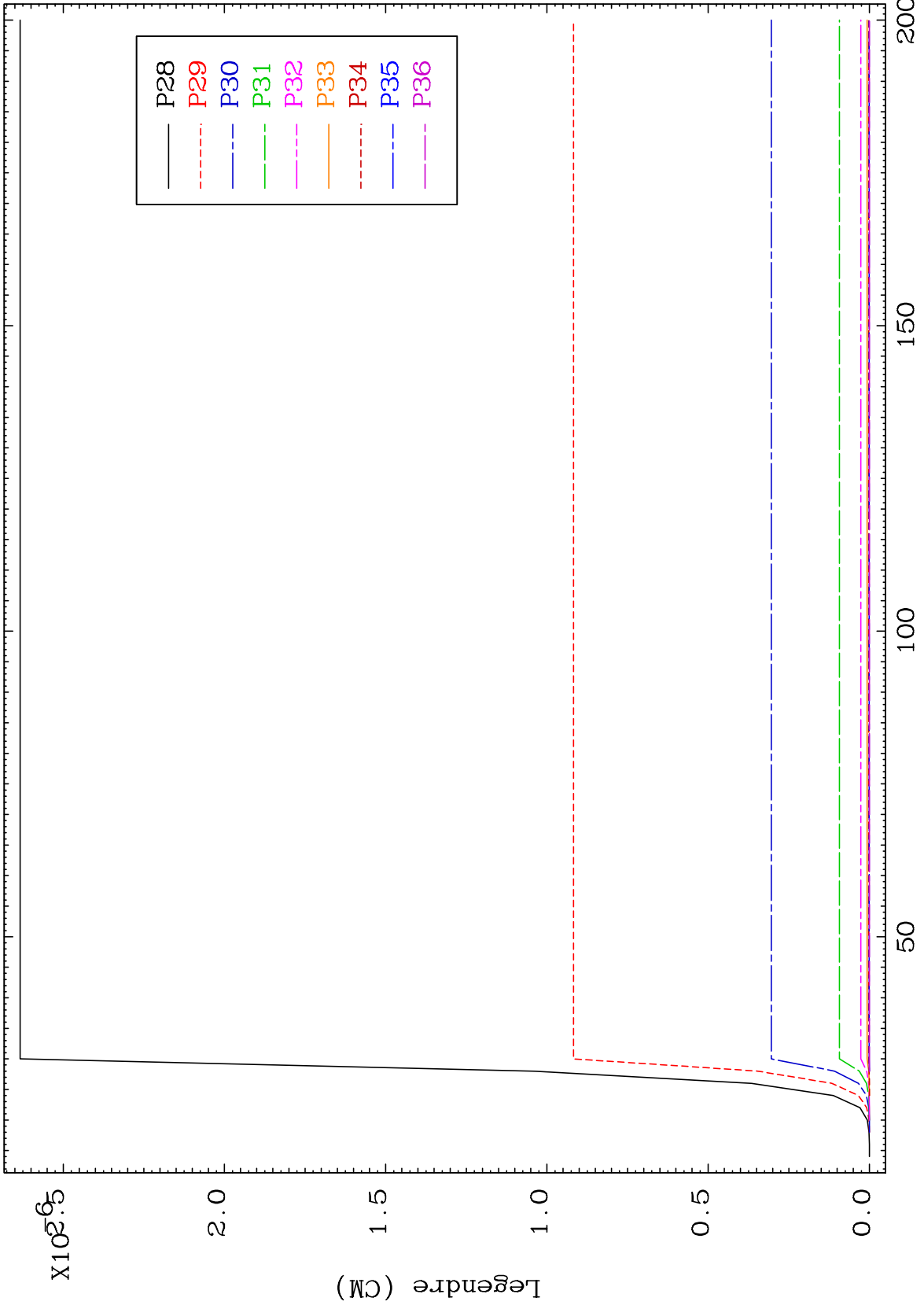
MAT 5225 MT= 51 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225

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

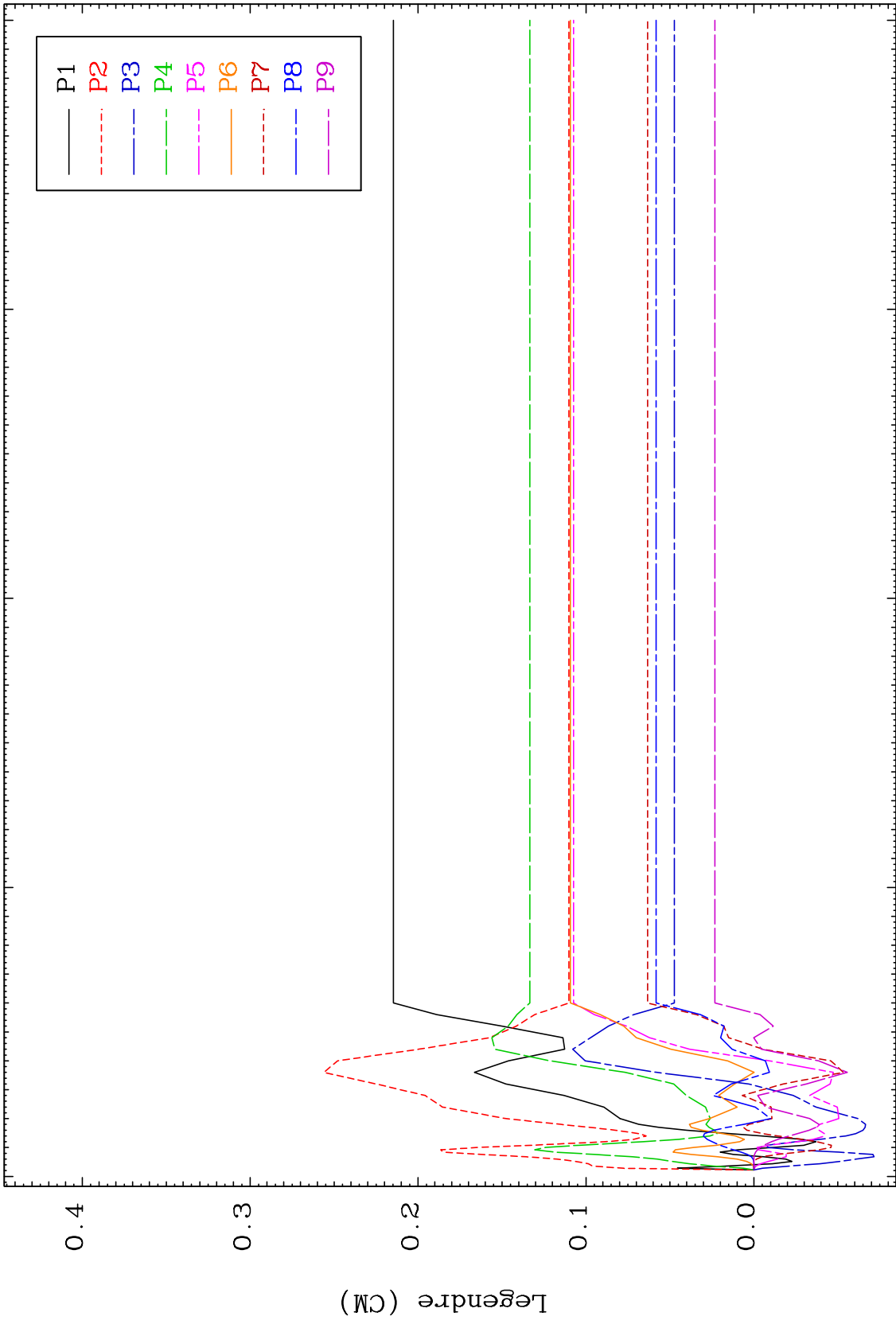
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23

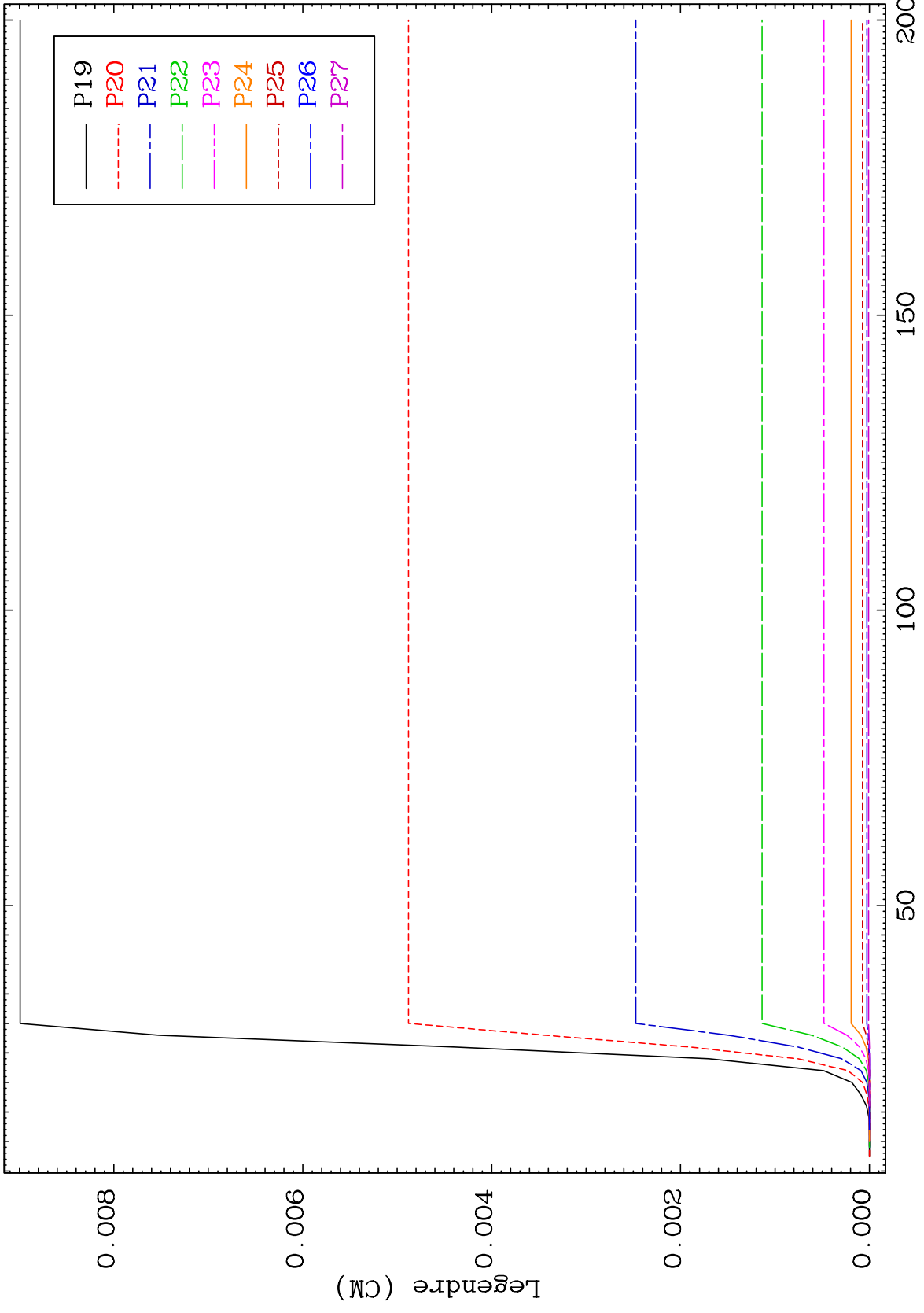
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MAT 5225 MT= 52 (n,n') Level Legendre Coefficients 52-Te-120



24 Incident Energy (MeV) 52-Te-120

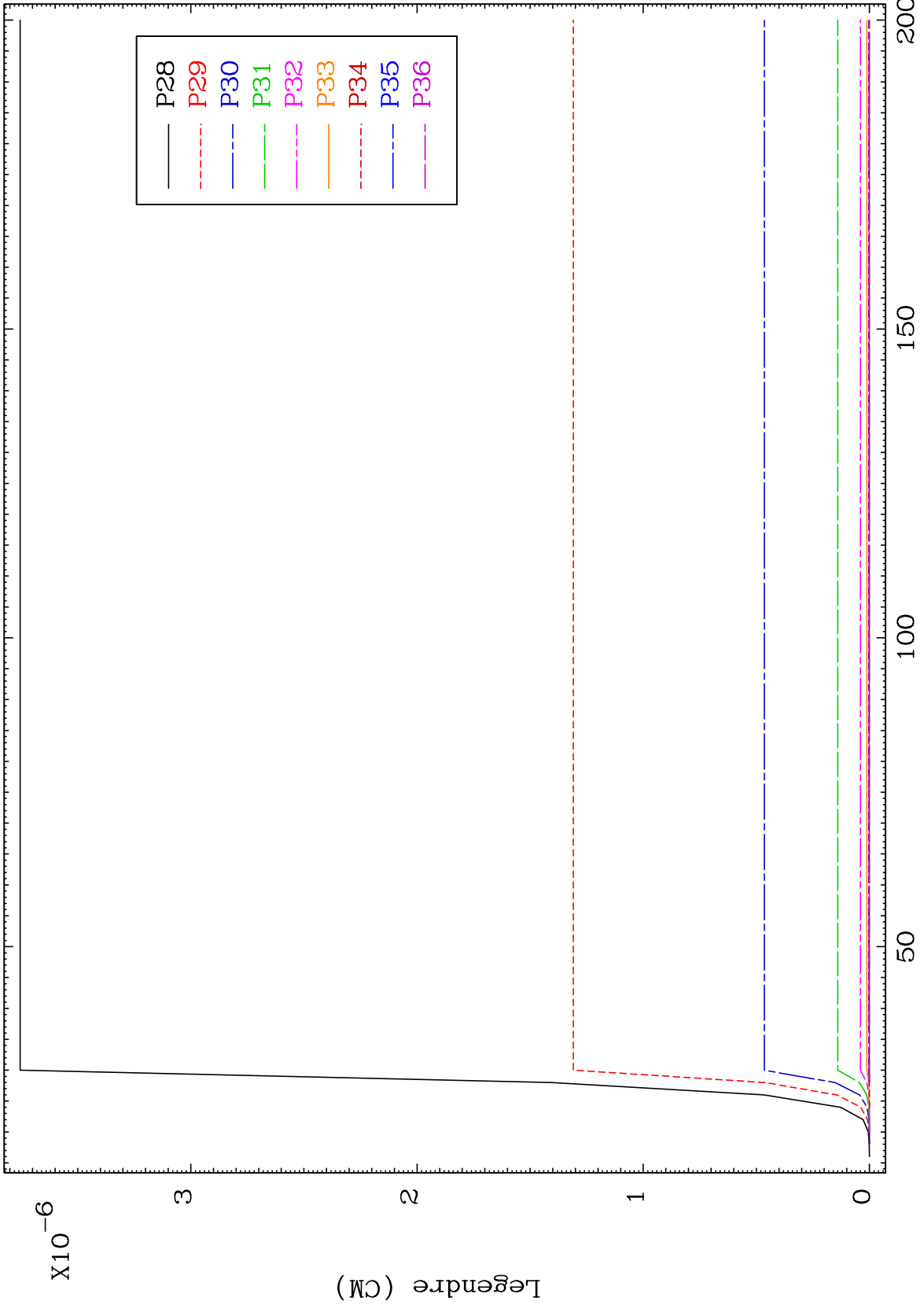
MAT 5225 MT= 52 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225

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

52-Te-120



27

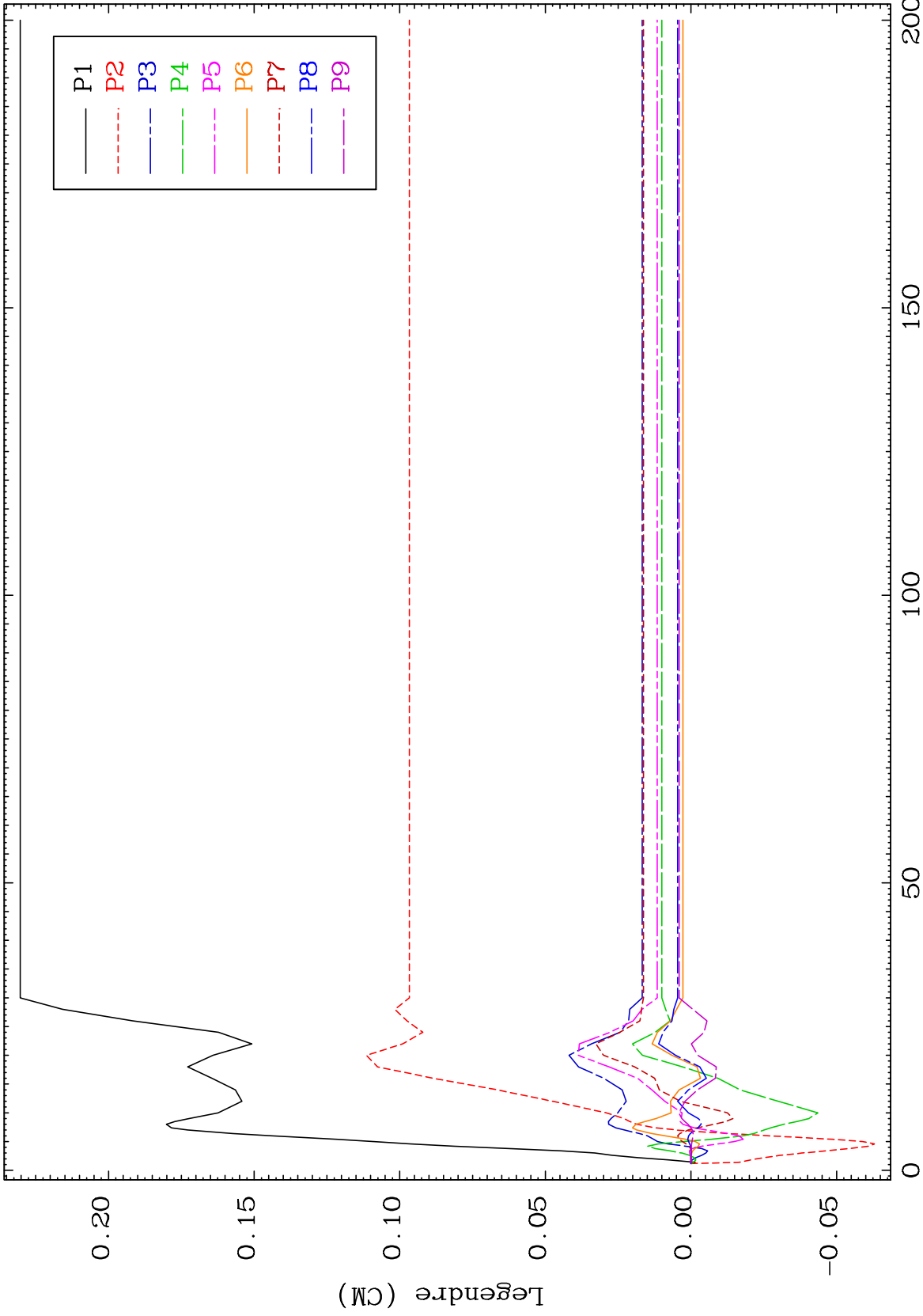
Incident Energy (MeV)

52-Te-120

MAT 5225

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

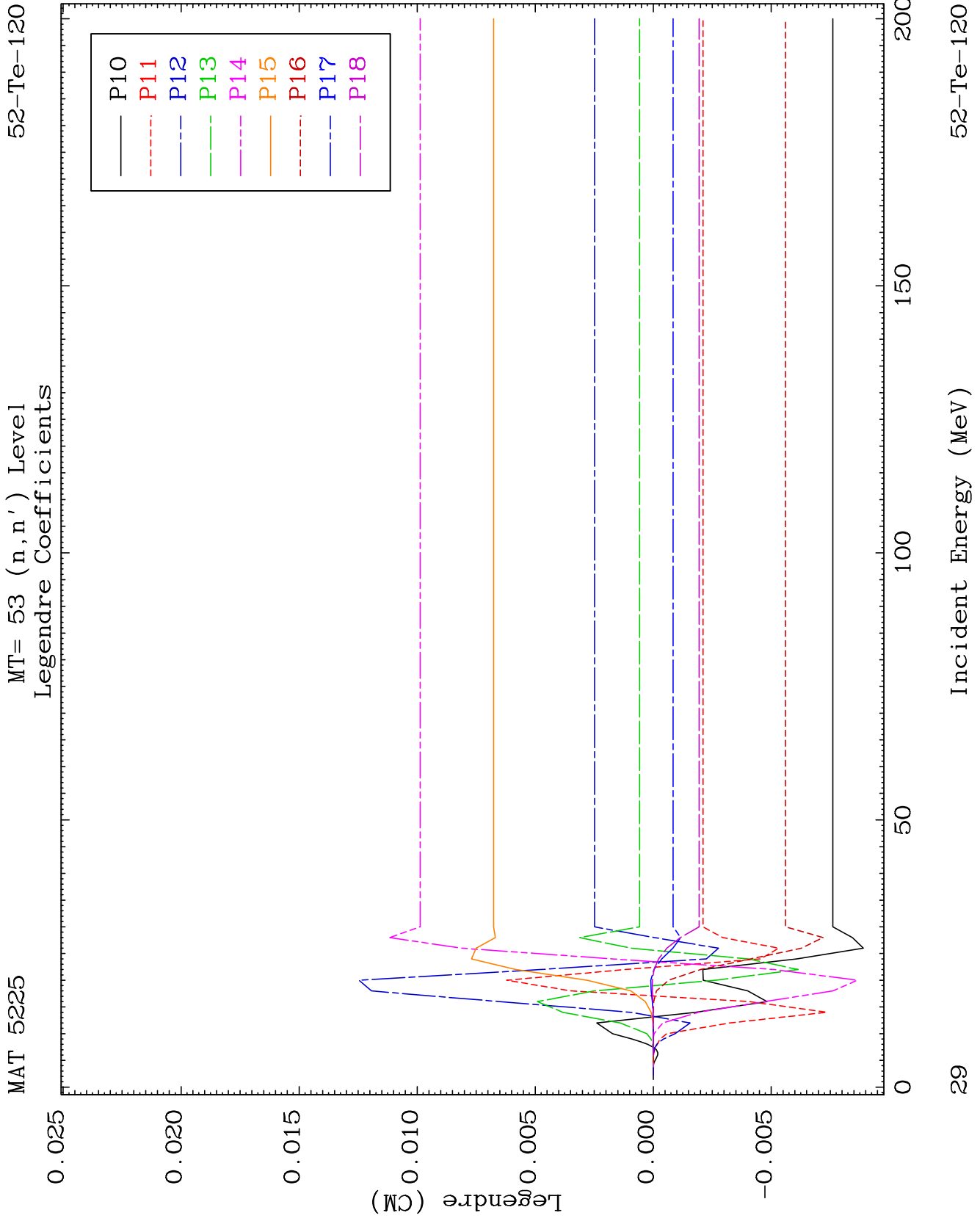
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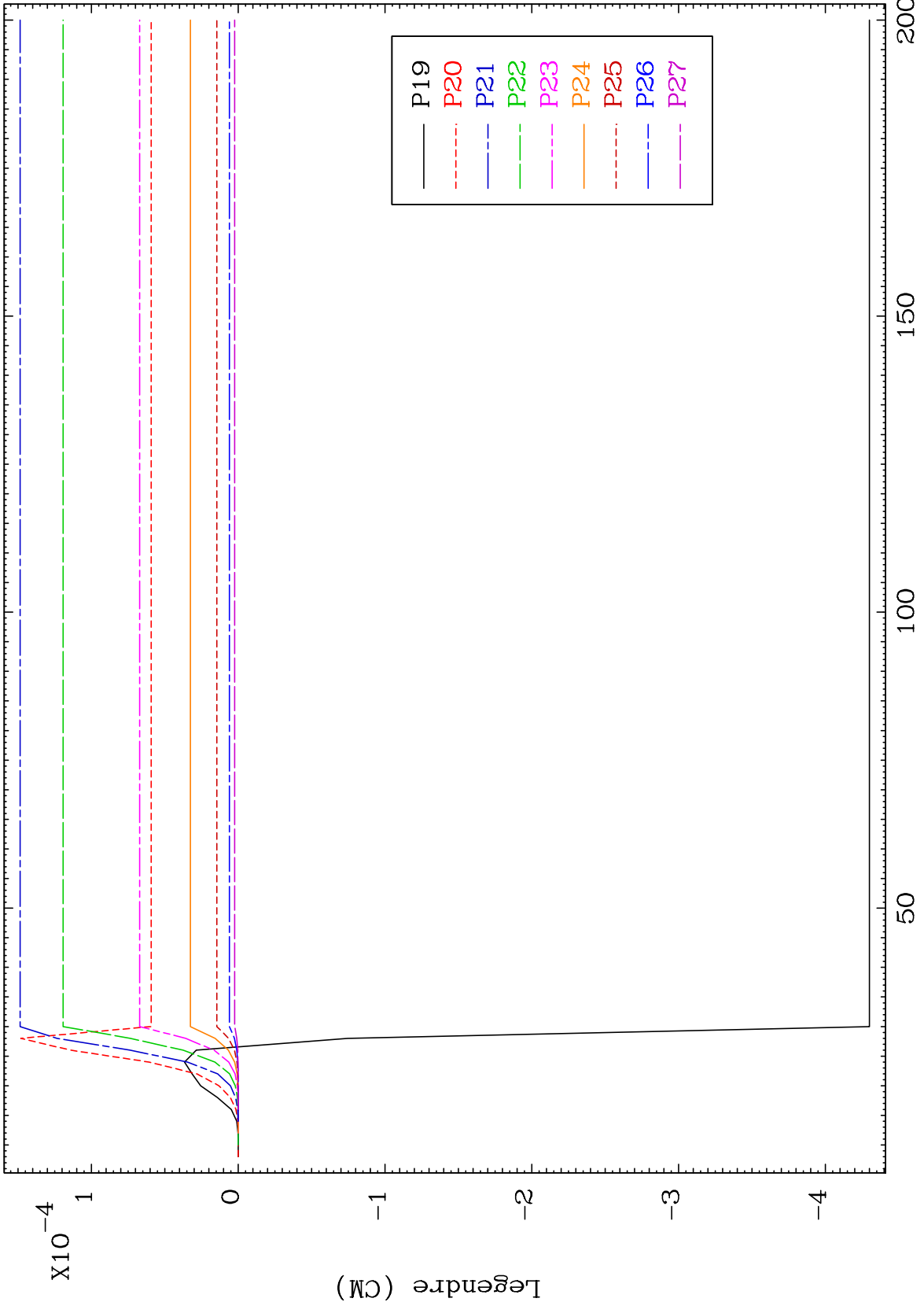
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Incident Energy (MeV)

52-Te-120



MAT 5225 MT= 53 (n,n') Level Legendre Coefficients 52-Te-120

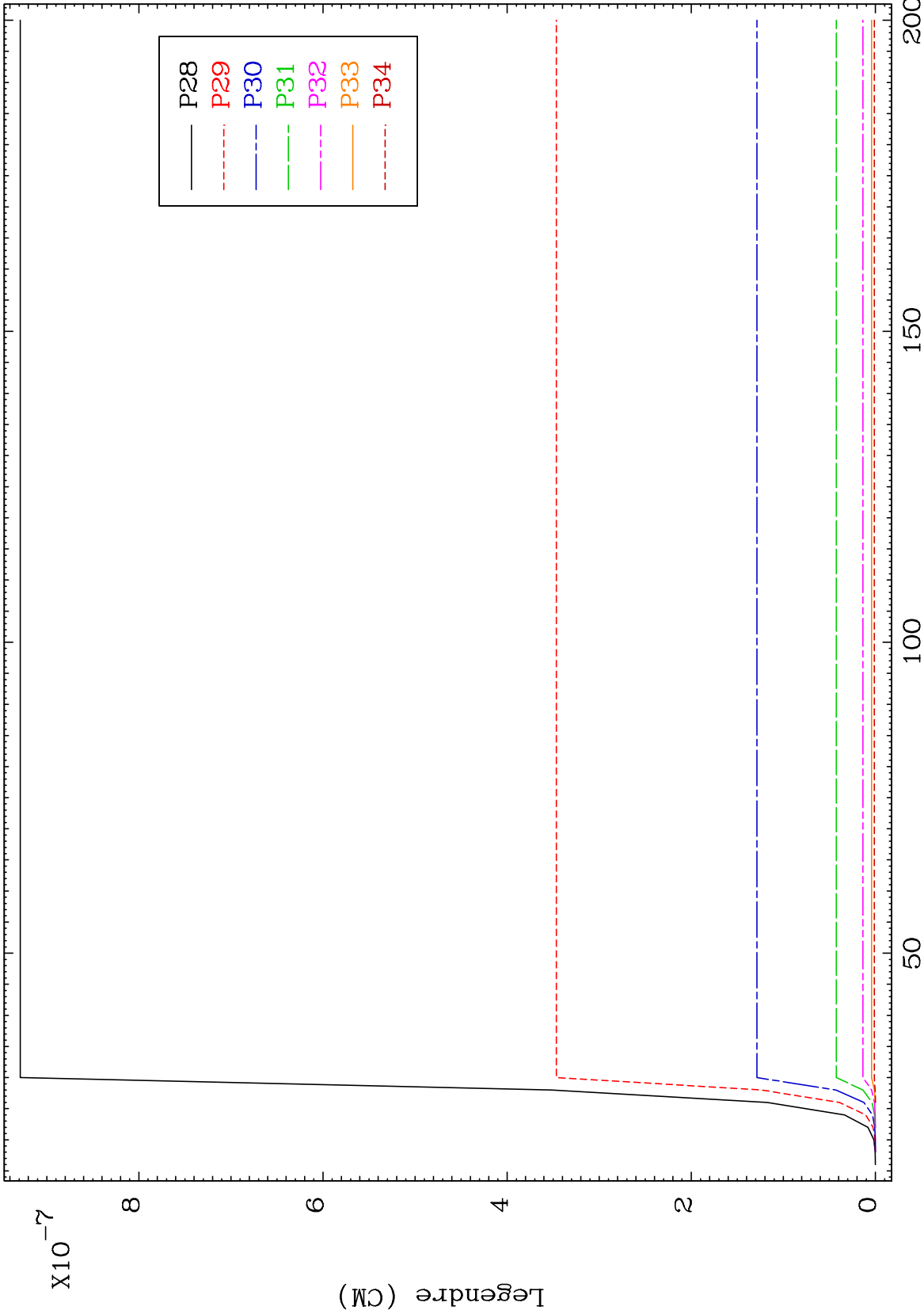


30 Incident Energy (MeV) 52-Te-120

MAT 5225

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

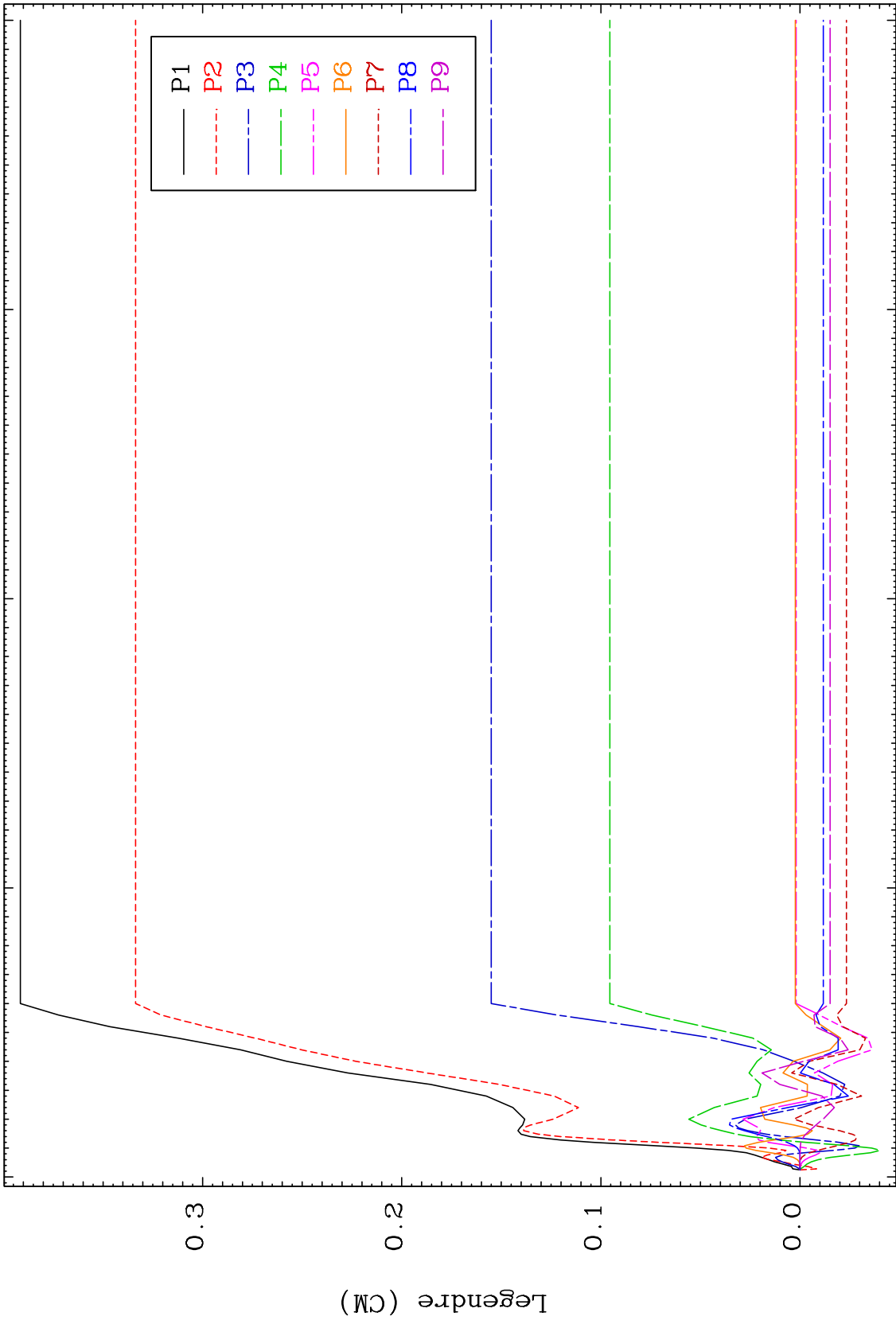
52-Te-120



31

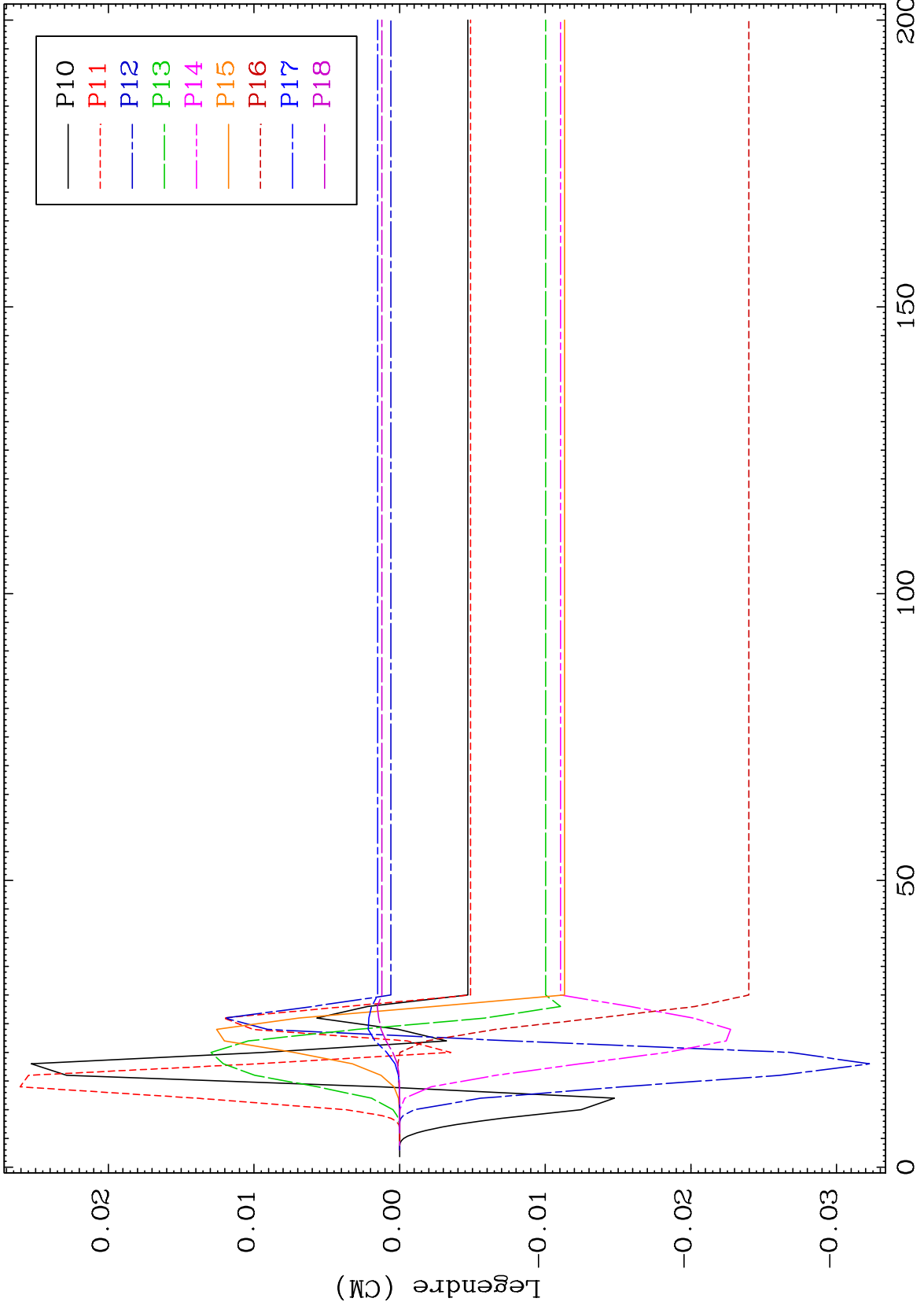
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MAT 5225 MT= 54 (n,n') Level Legendre Coefficients 52-Te-120



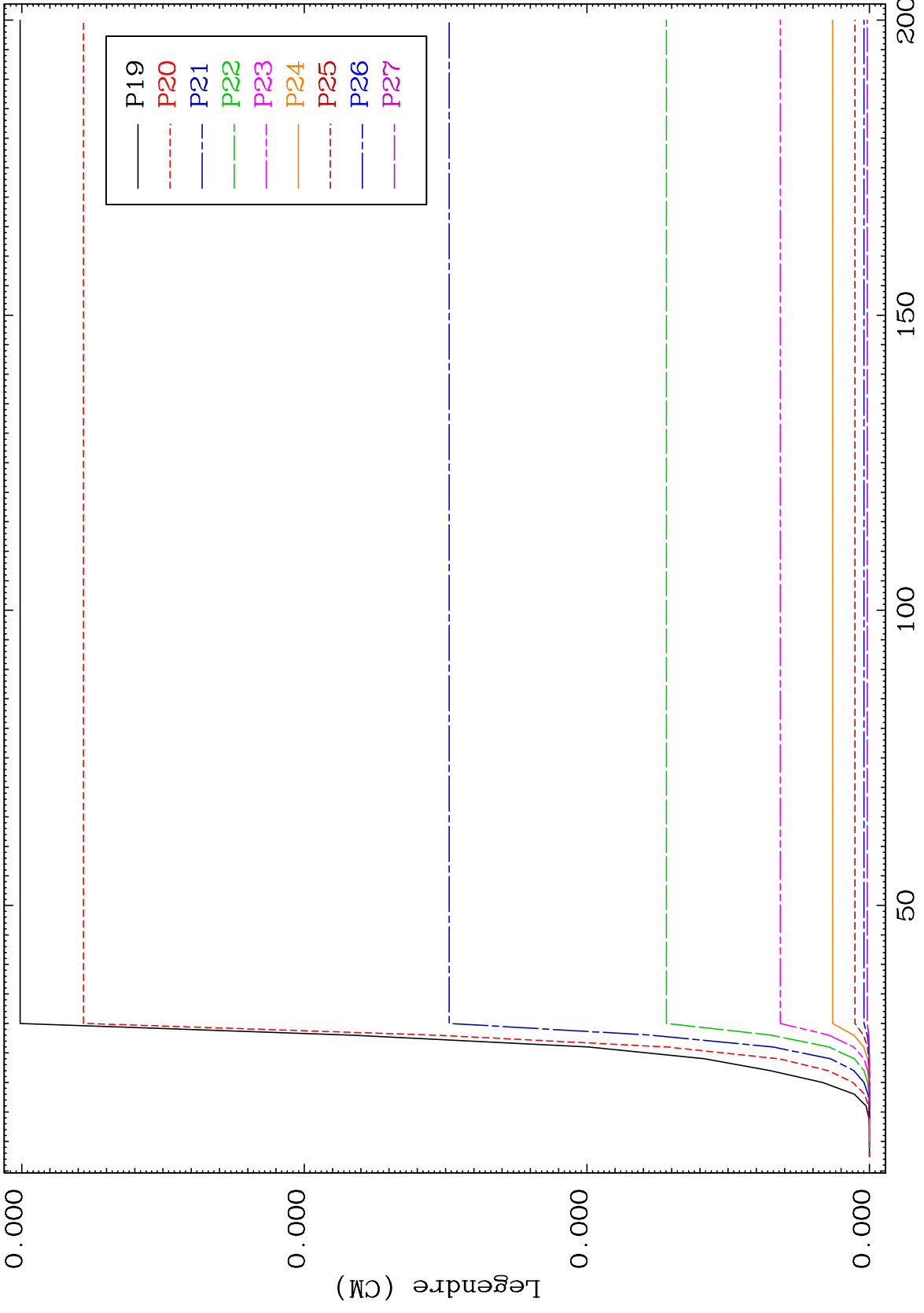
32 52-Te-120

MAT 5225 MT= 54 (n,n') Level Legendre Coefficients 52-Te-120



33 52-Te-120

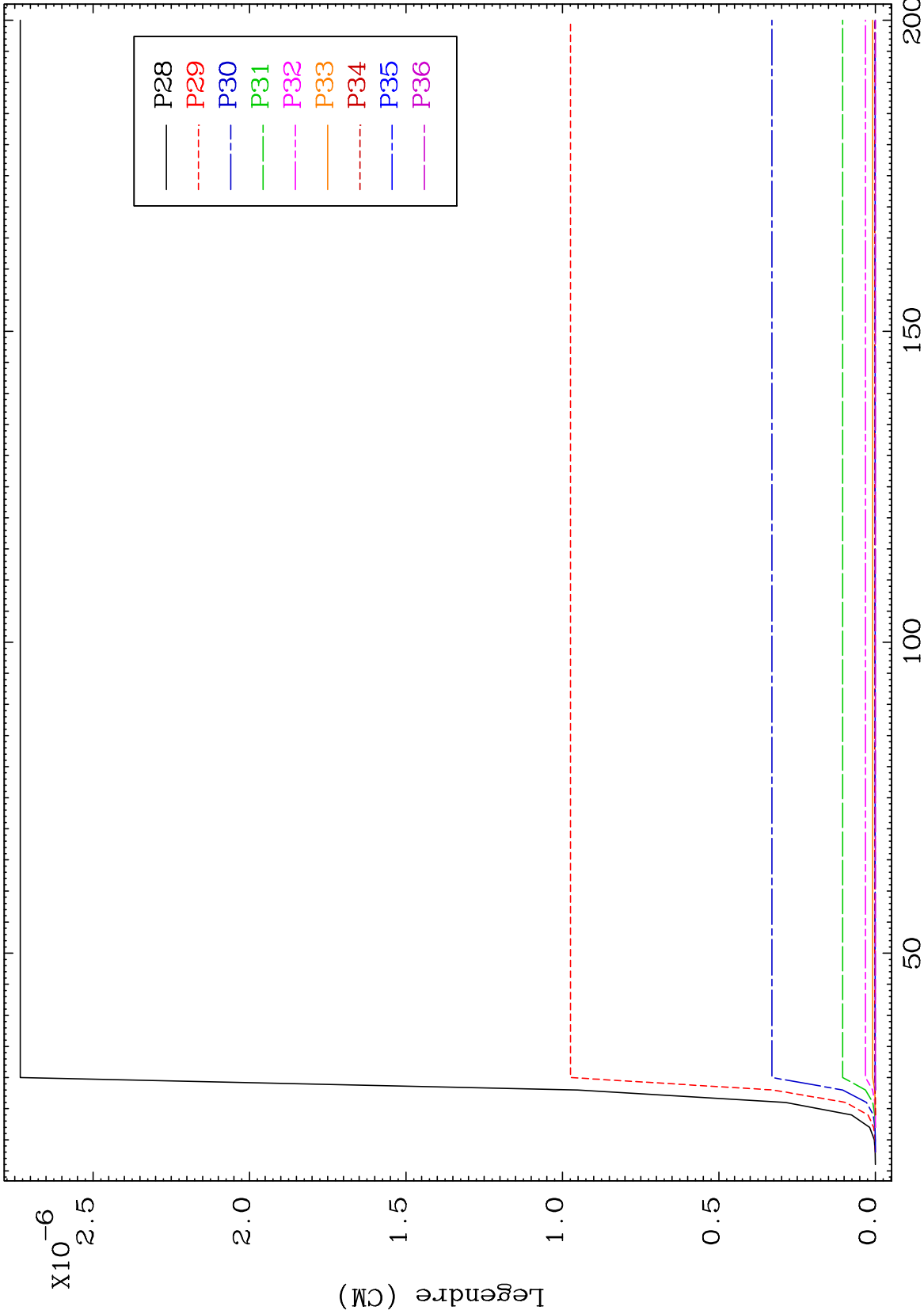
MAT 5225 MT= 54 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225

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

52-Te-120

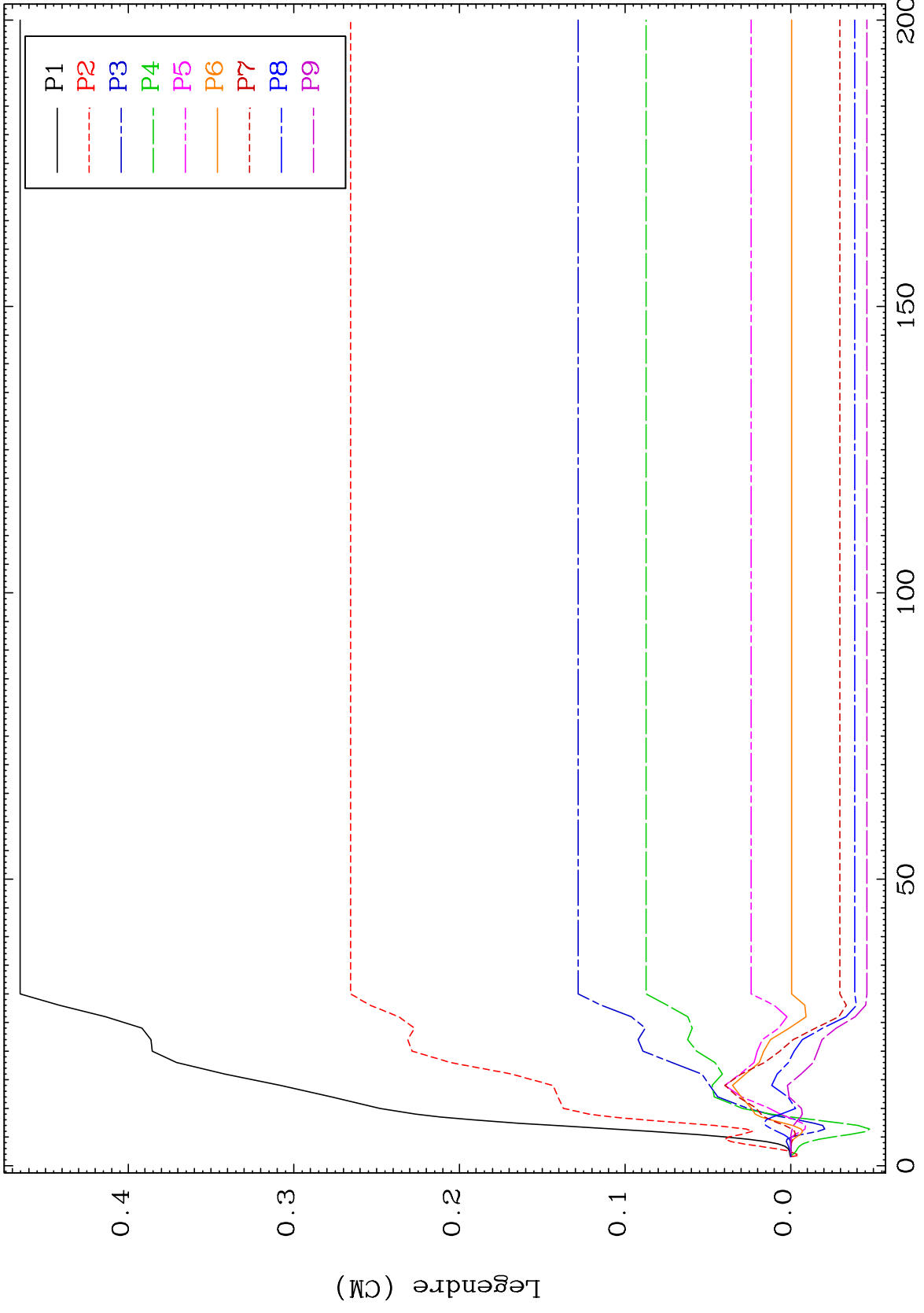


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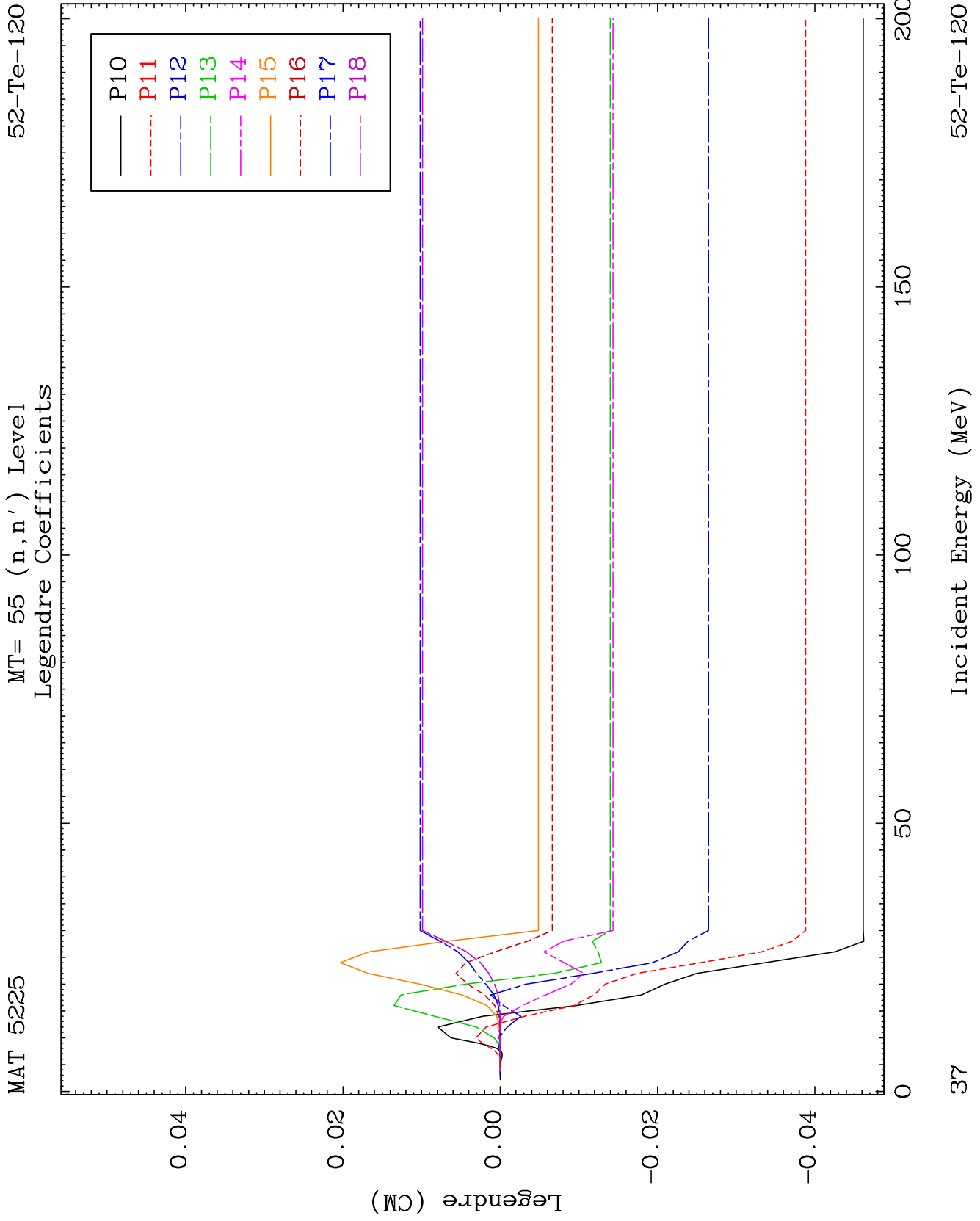
Incident Energy (MeV)

52-Te-120

MAT 5225 MT= 55 (n,n') Level Legendre Coefficients 52-Te-120



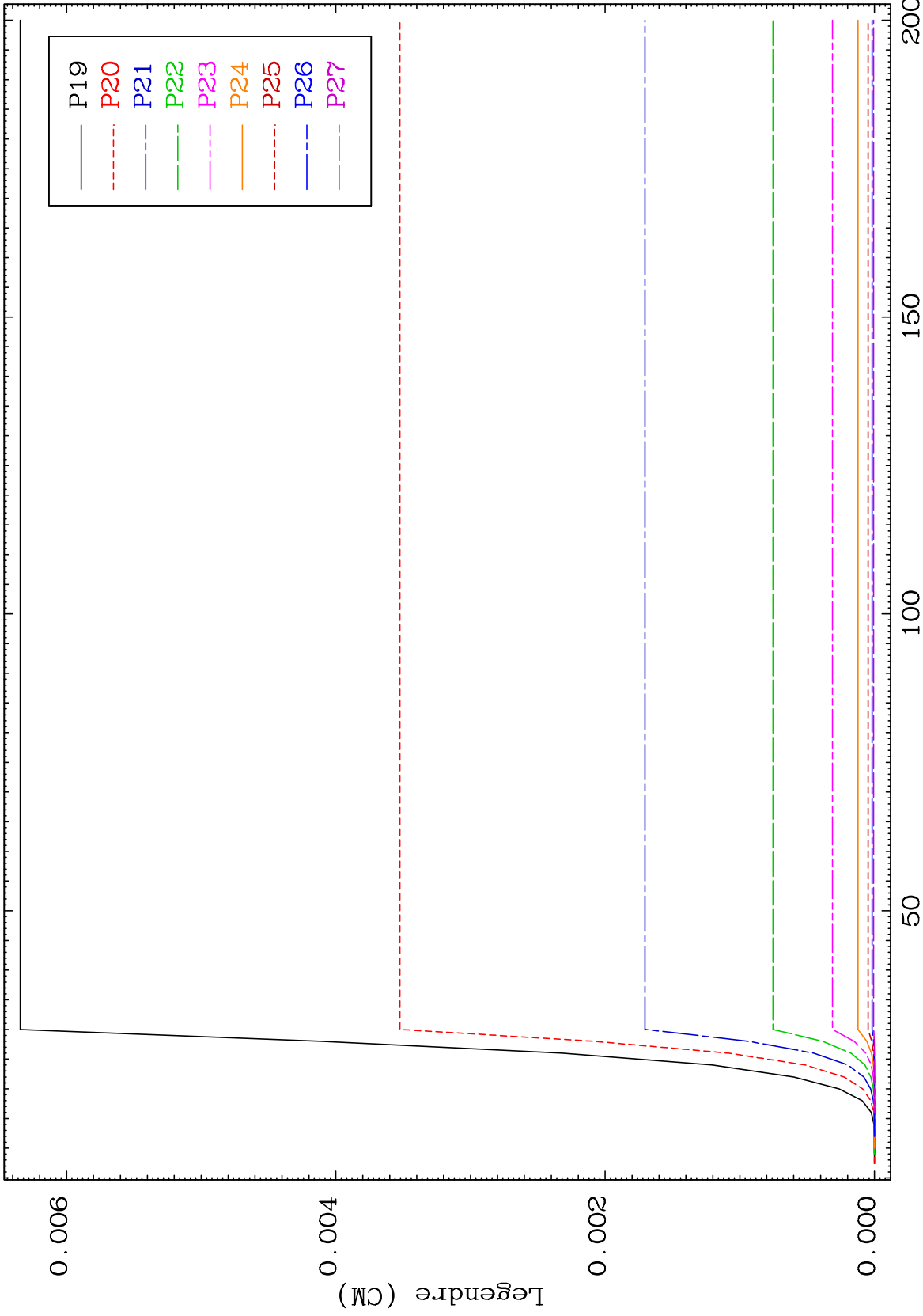
36 52-Te-120



MAT 5225

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

52-Te-120



38

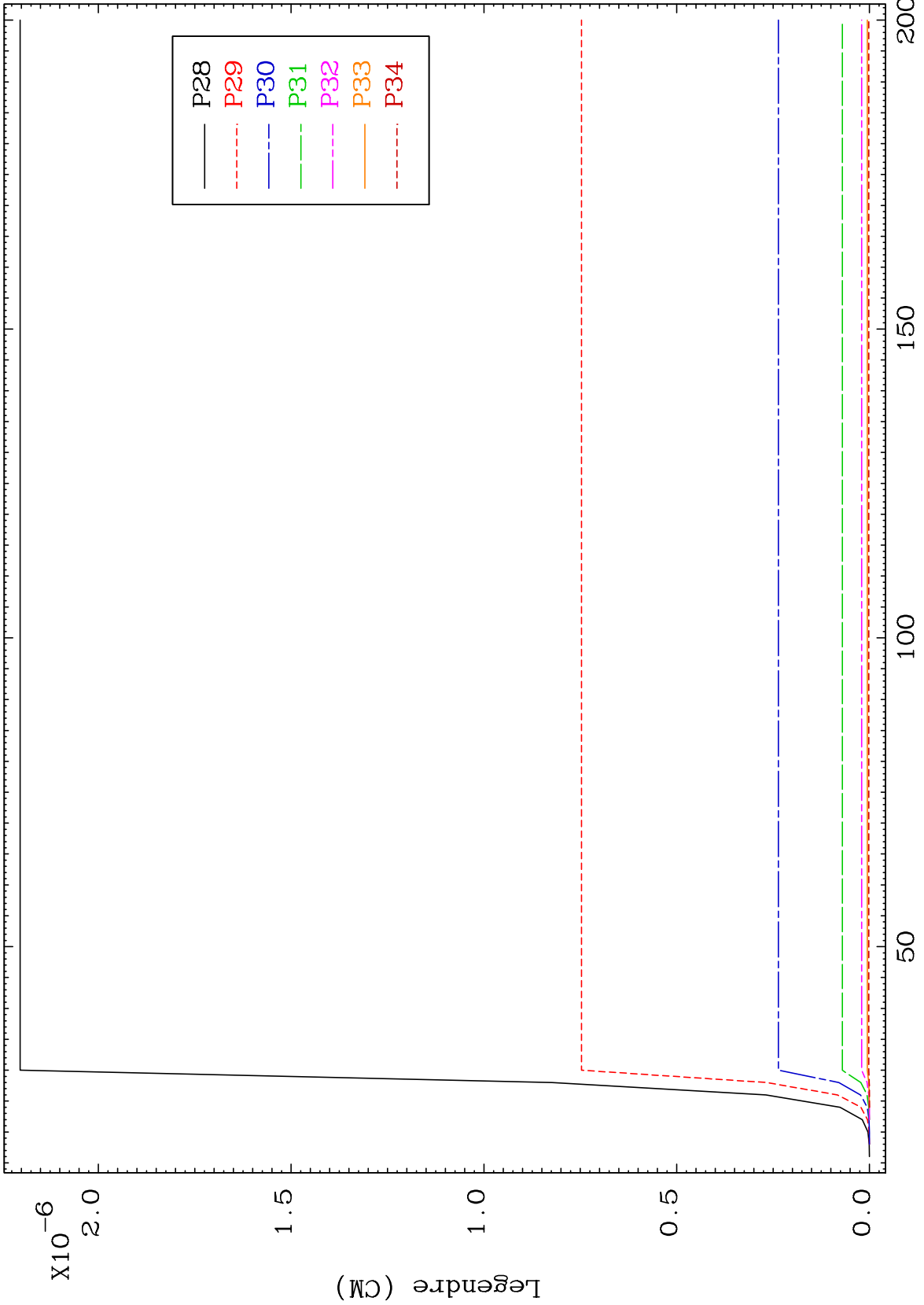
Incident Energy (MeV)

52-Te-120

MAT 5225

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

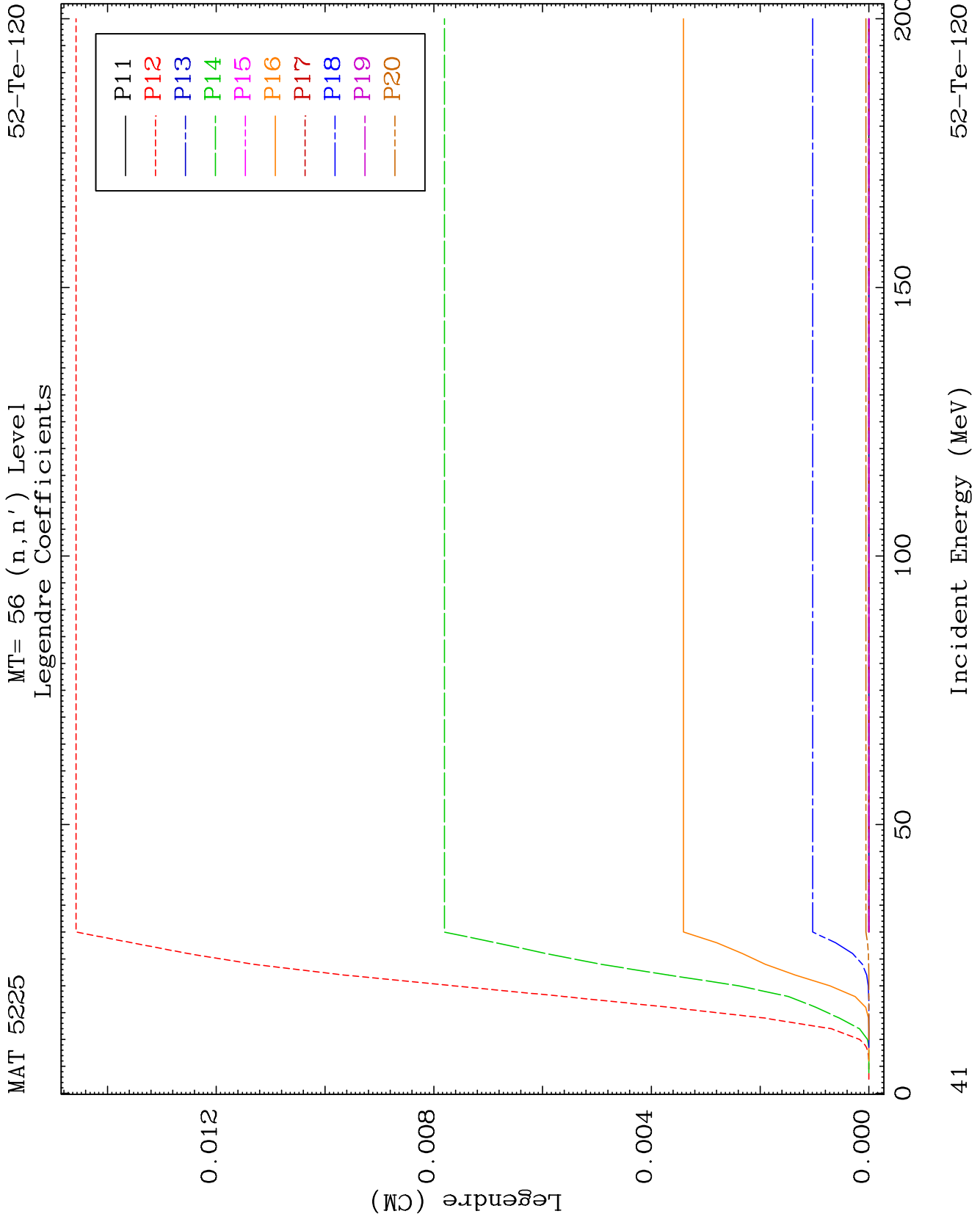
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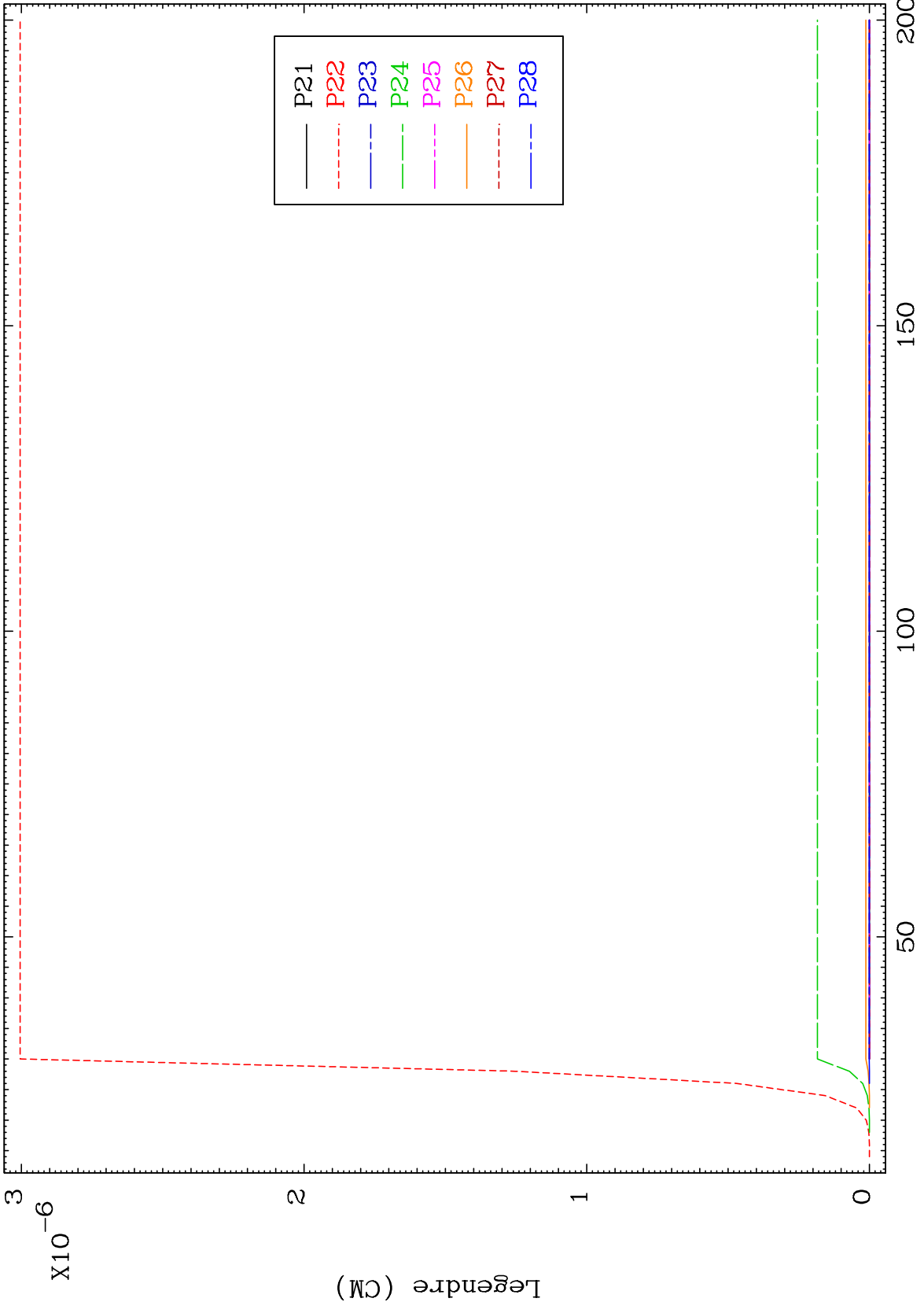
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Incident Energy (MeV)

52-Te-120



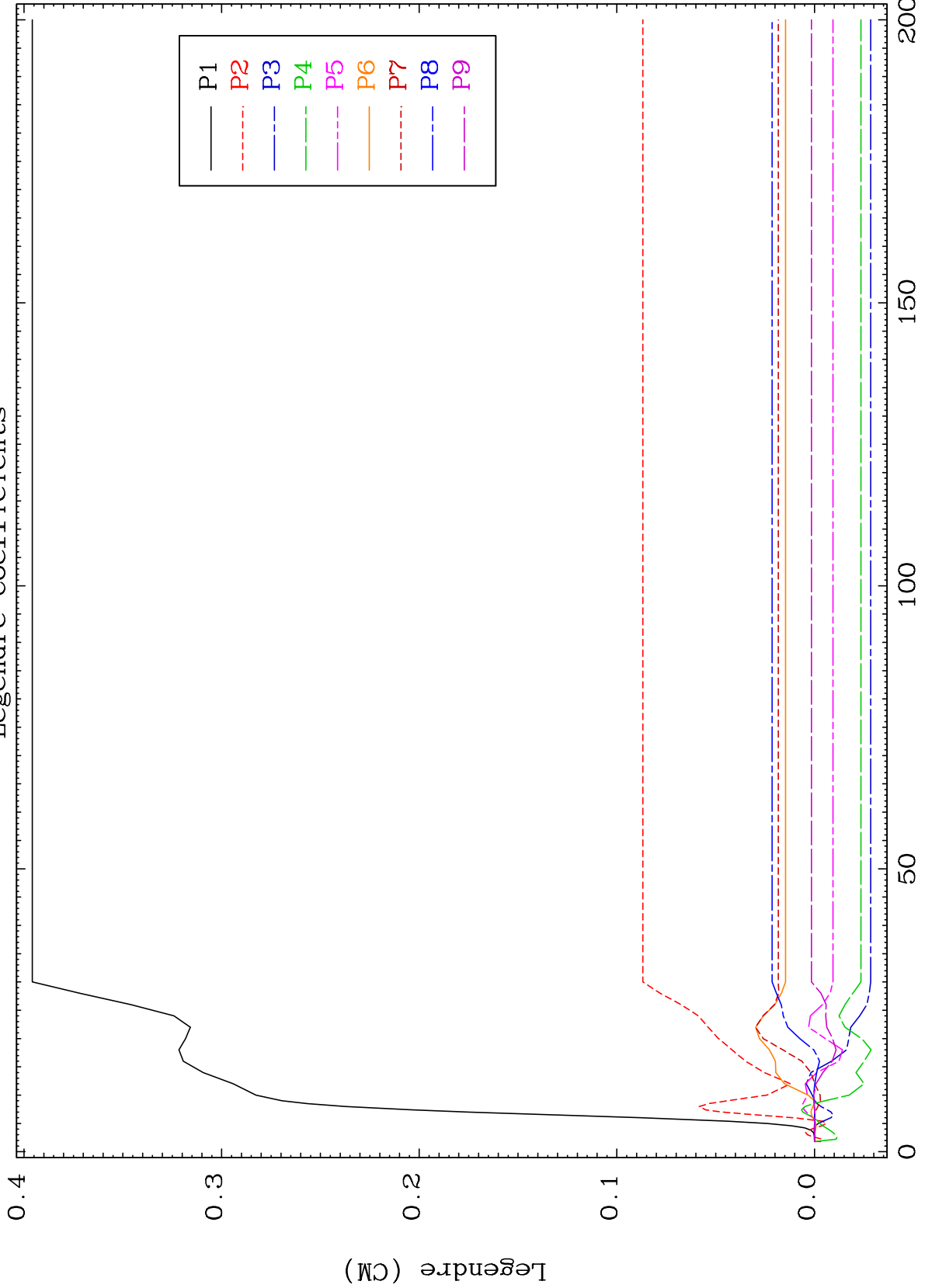
MAT 5225 MT= 56 (n,n') Level Legendre Coefficients 52-Te-120



42 Incident Energy (MeV) 52-Te-120

MAT 5225 MT= 57 (n,n') Level Legendre Coefficients

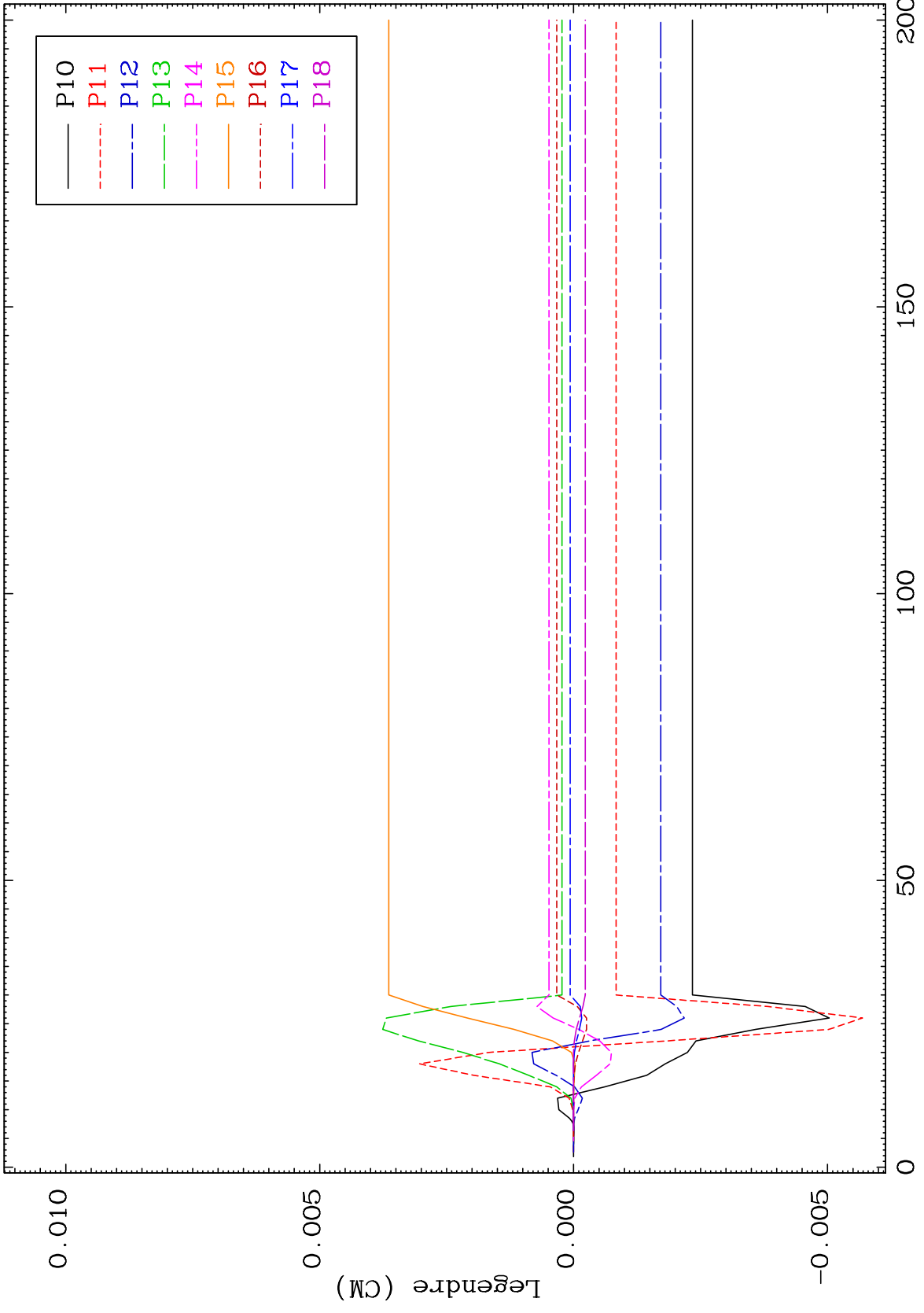
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MAT 5225

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

52-Te-120

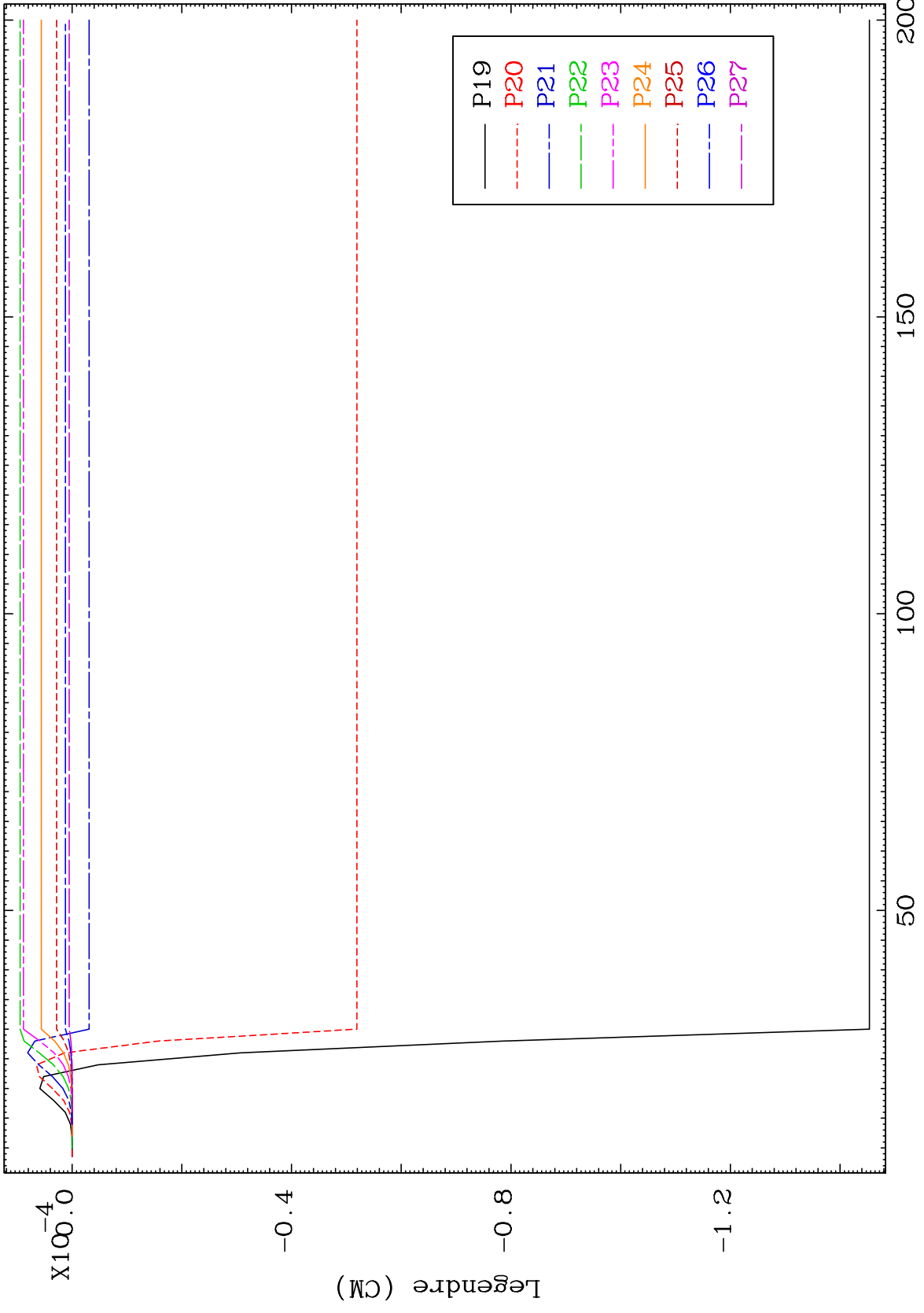


44

Incident Energy (MeV)

52-Te-120

MAT 5225 MT= 57 (n,n') Level Legendre Coefficients 52-Te-120

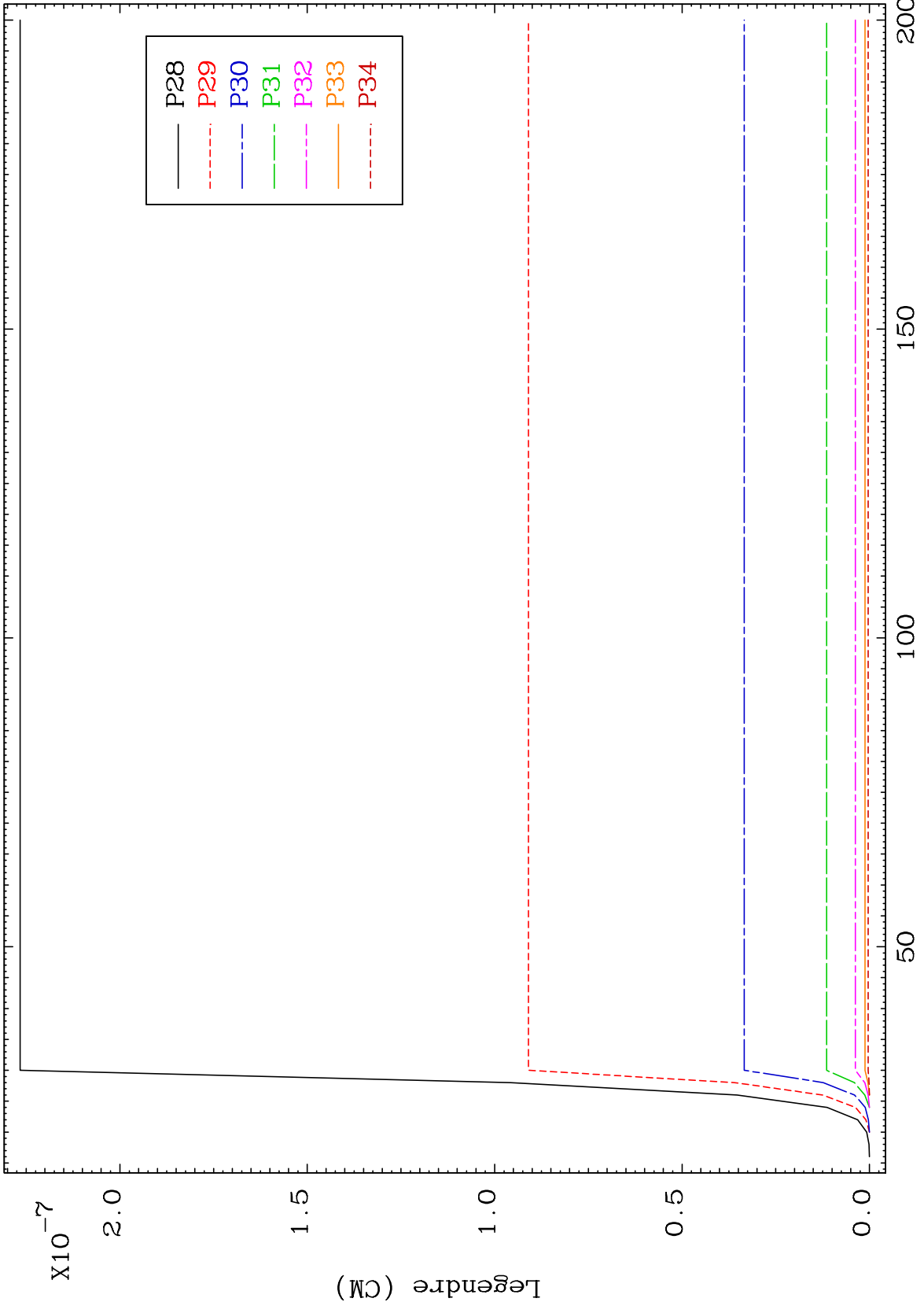


45 52-Te-120

MAT 5225

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

52-Te-120



46

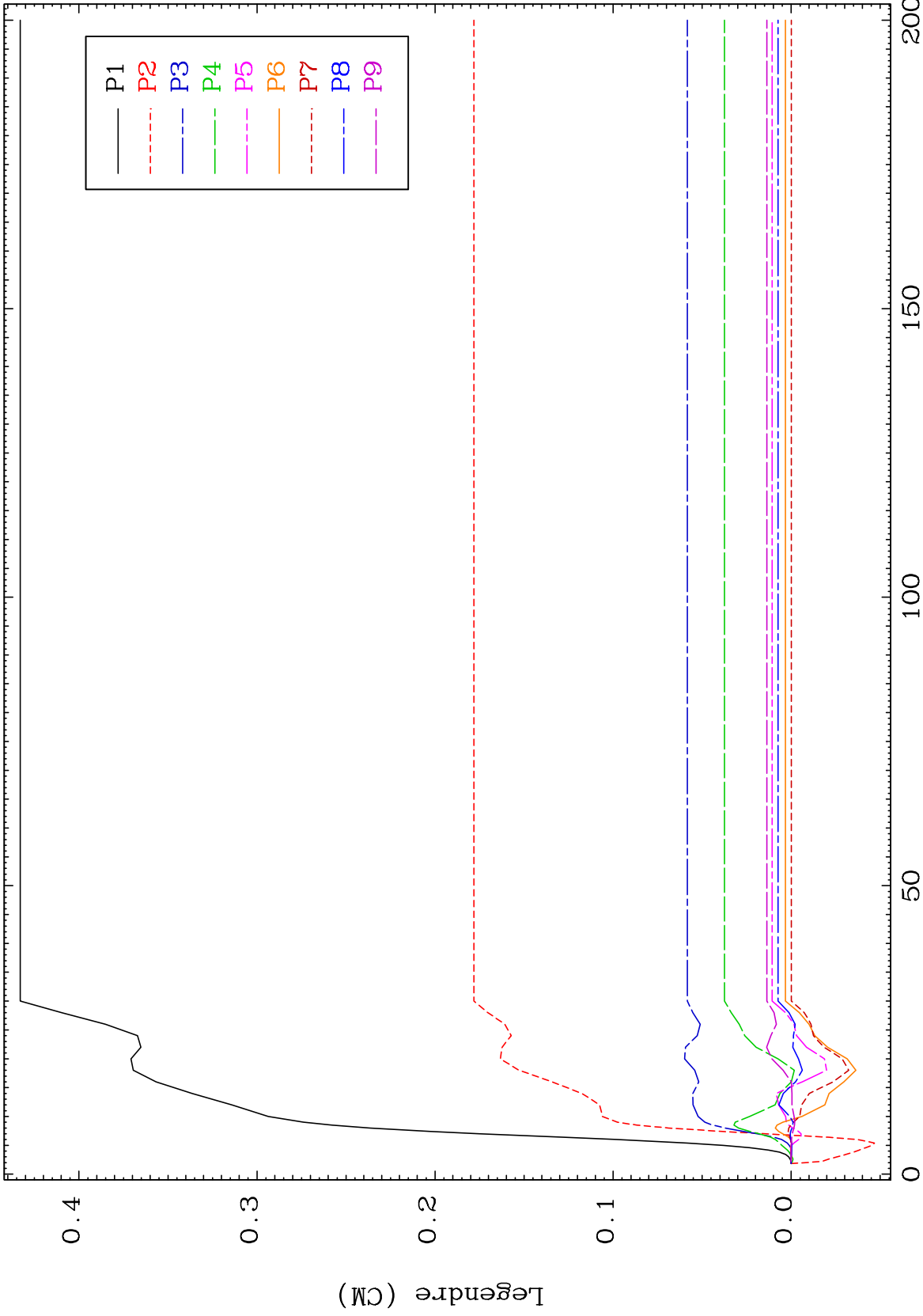
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



47

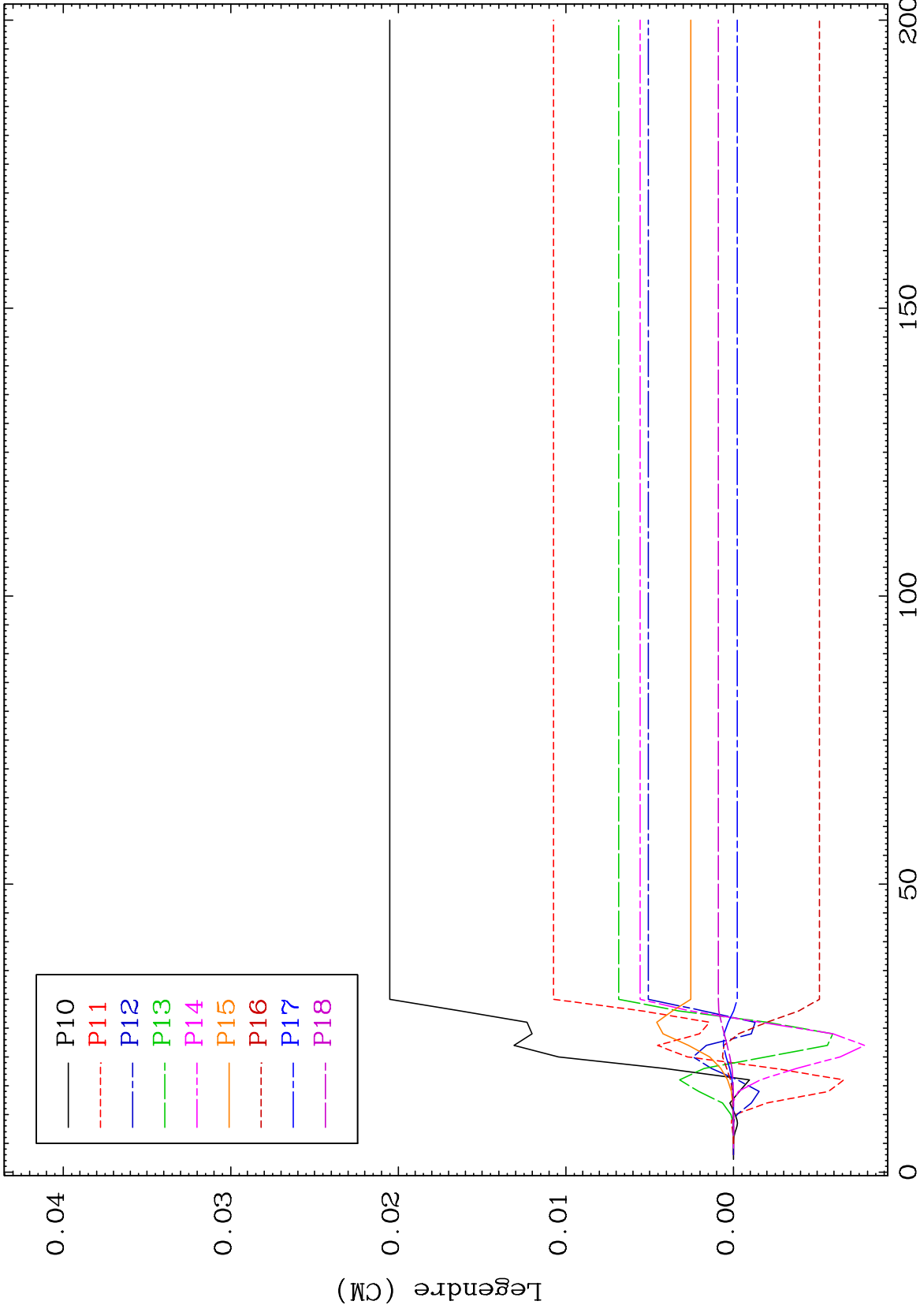
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



48

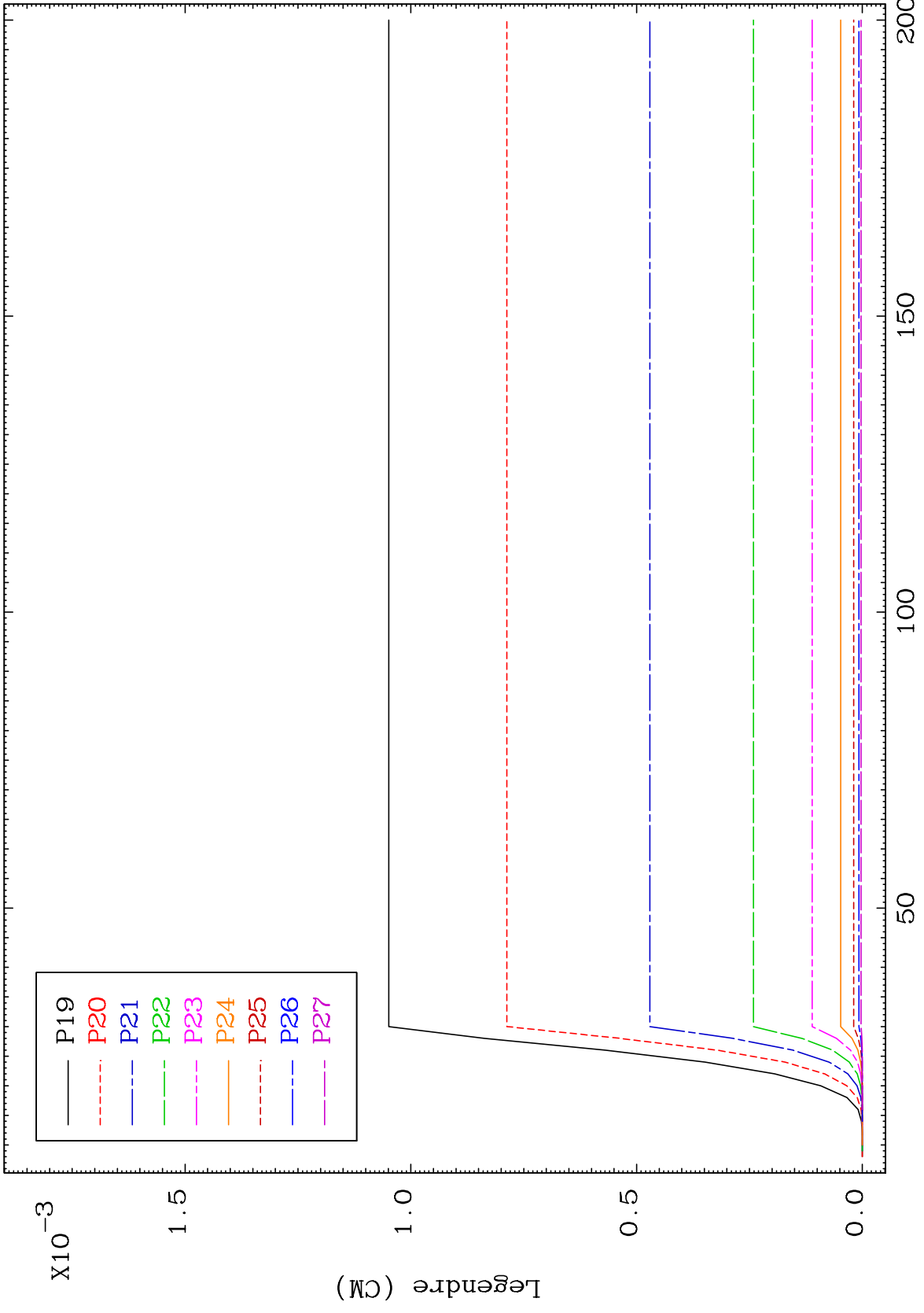
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



49

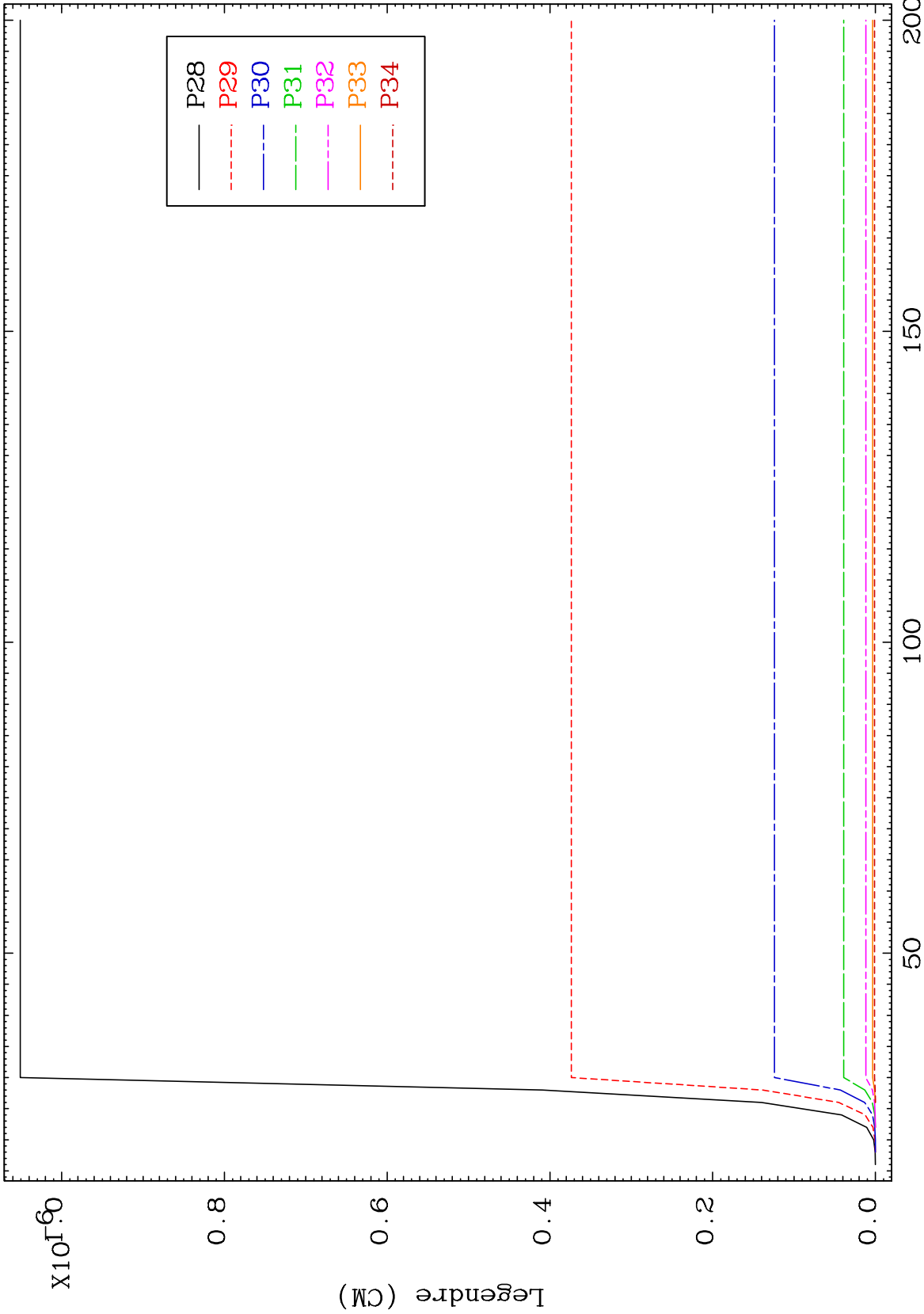
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120

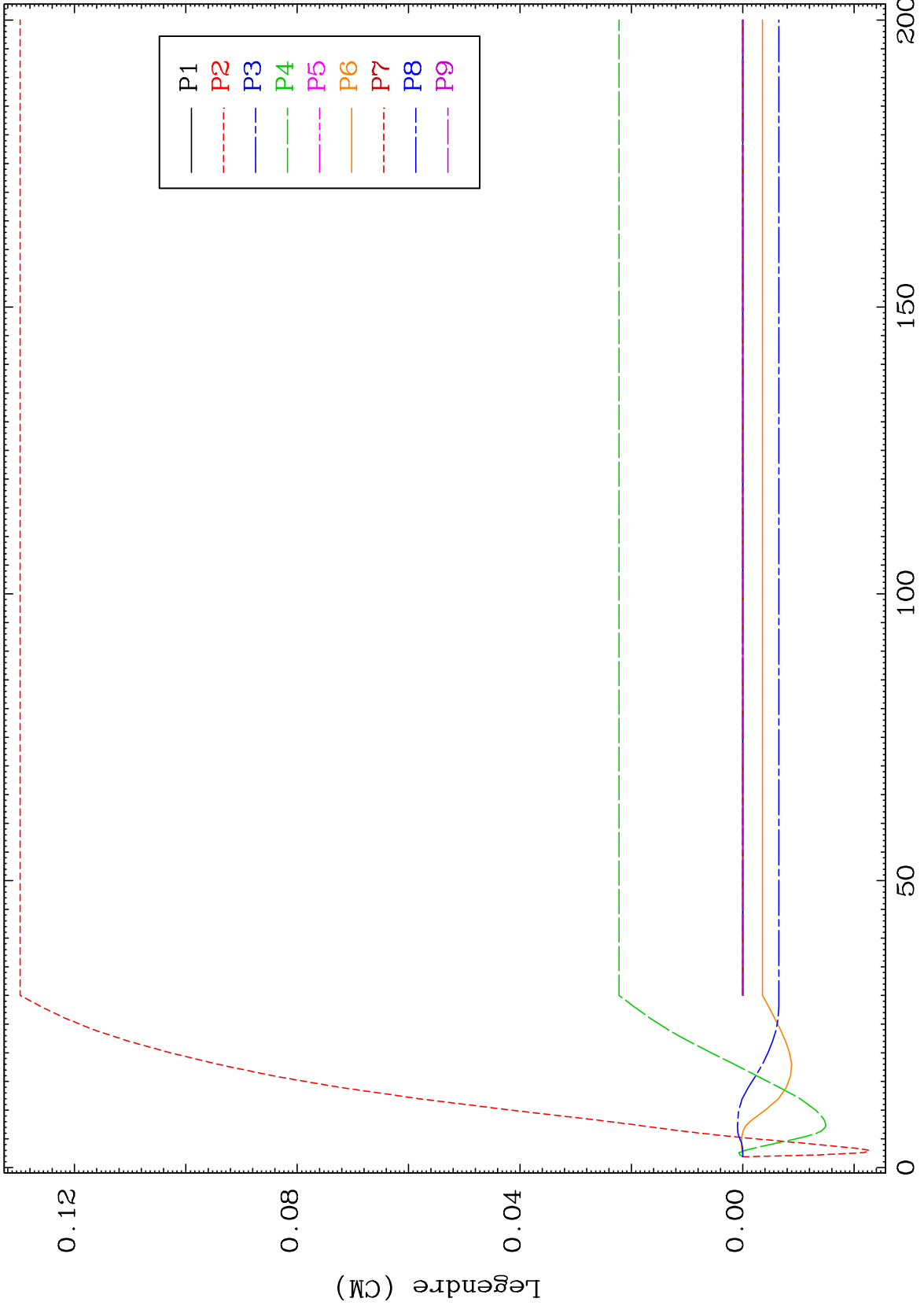


50

Incident Energy (MeV)

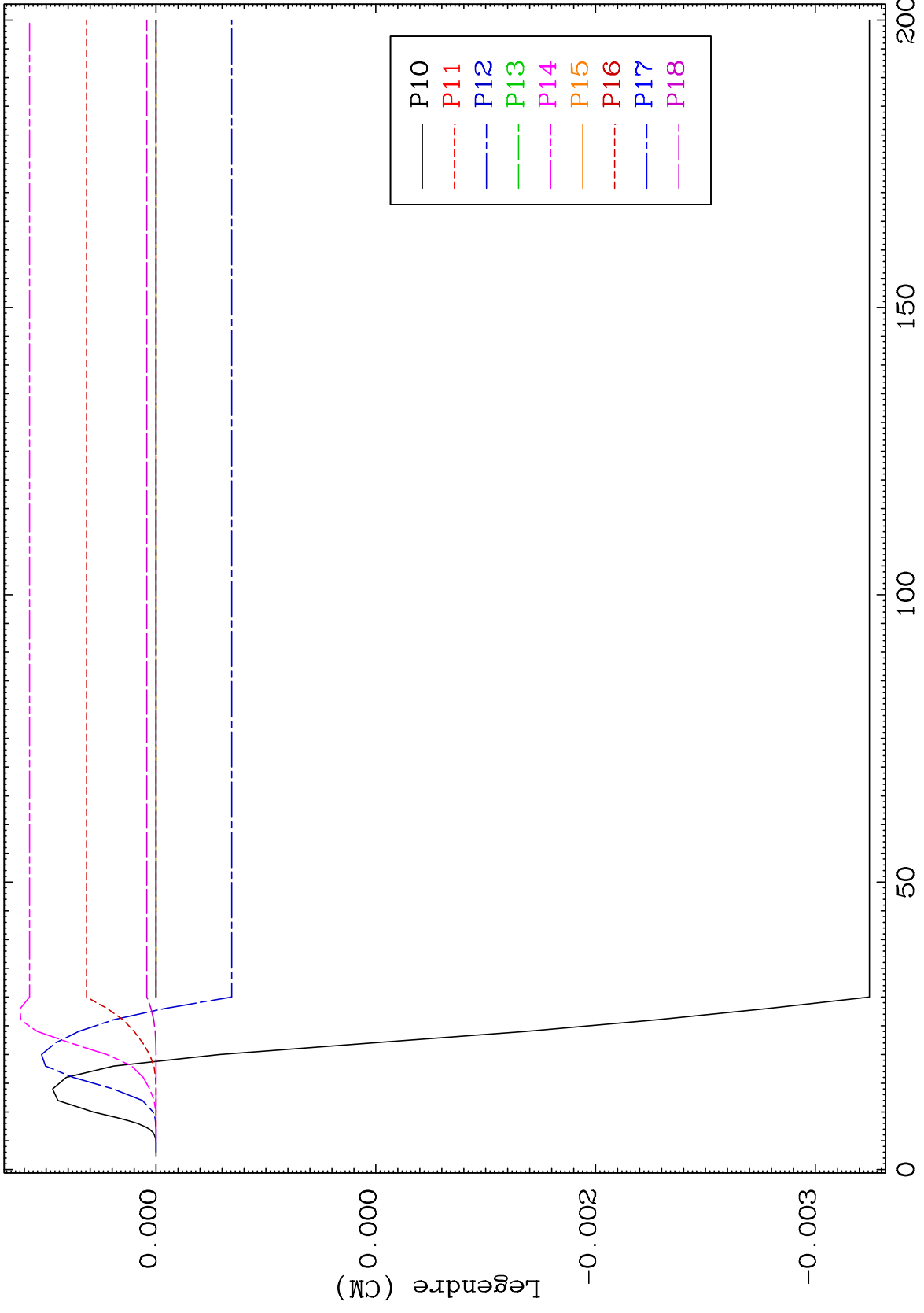
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MAT 5225 MT= 59 (n,n') Level Legendre Coefficients 52-Te-120



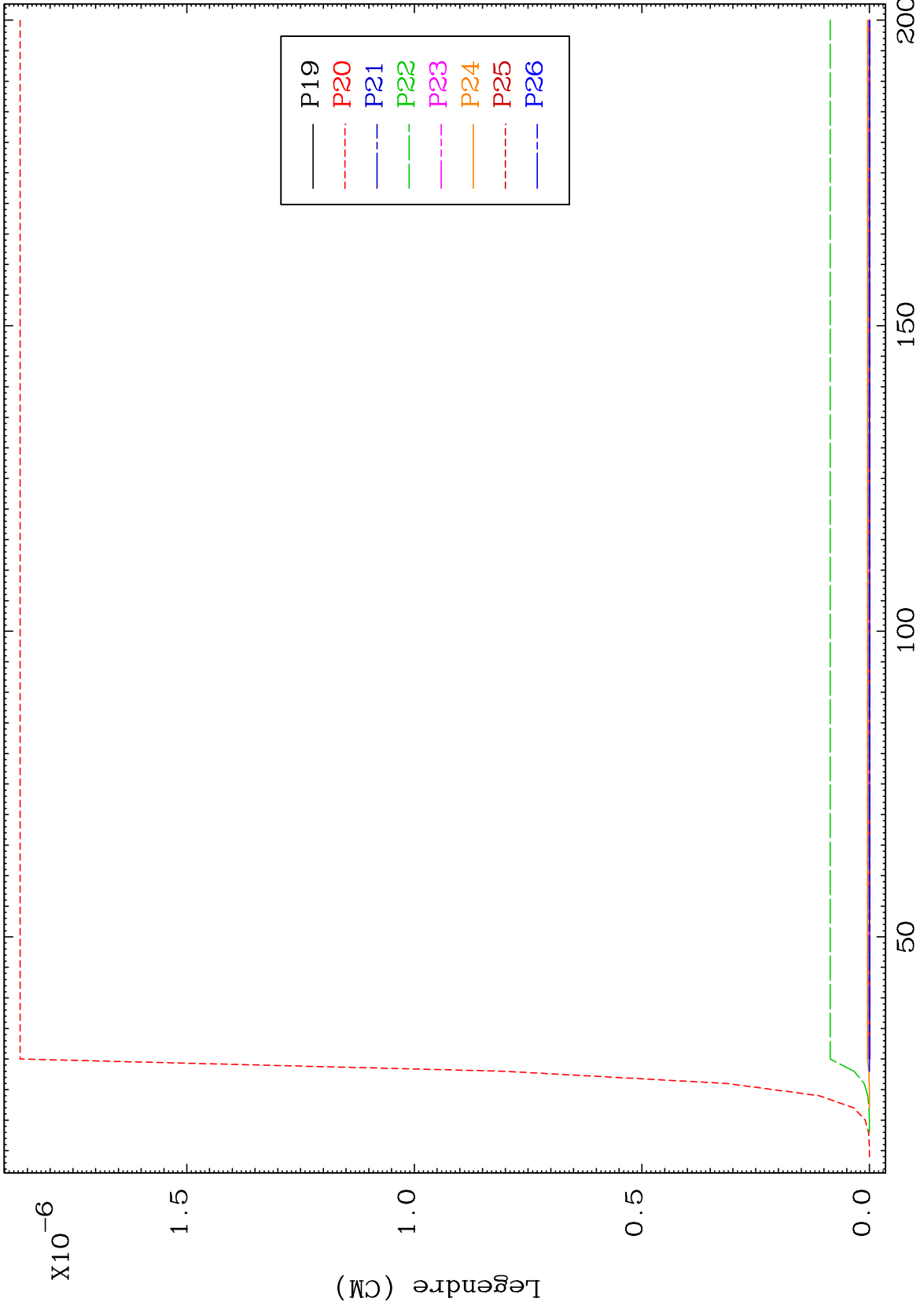
51 52-Te-120

MAT 5225 MT= 59 (n,n') Level Legendre Coefficients 52-Te-120



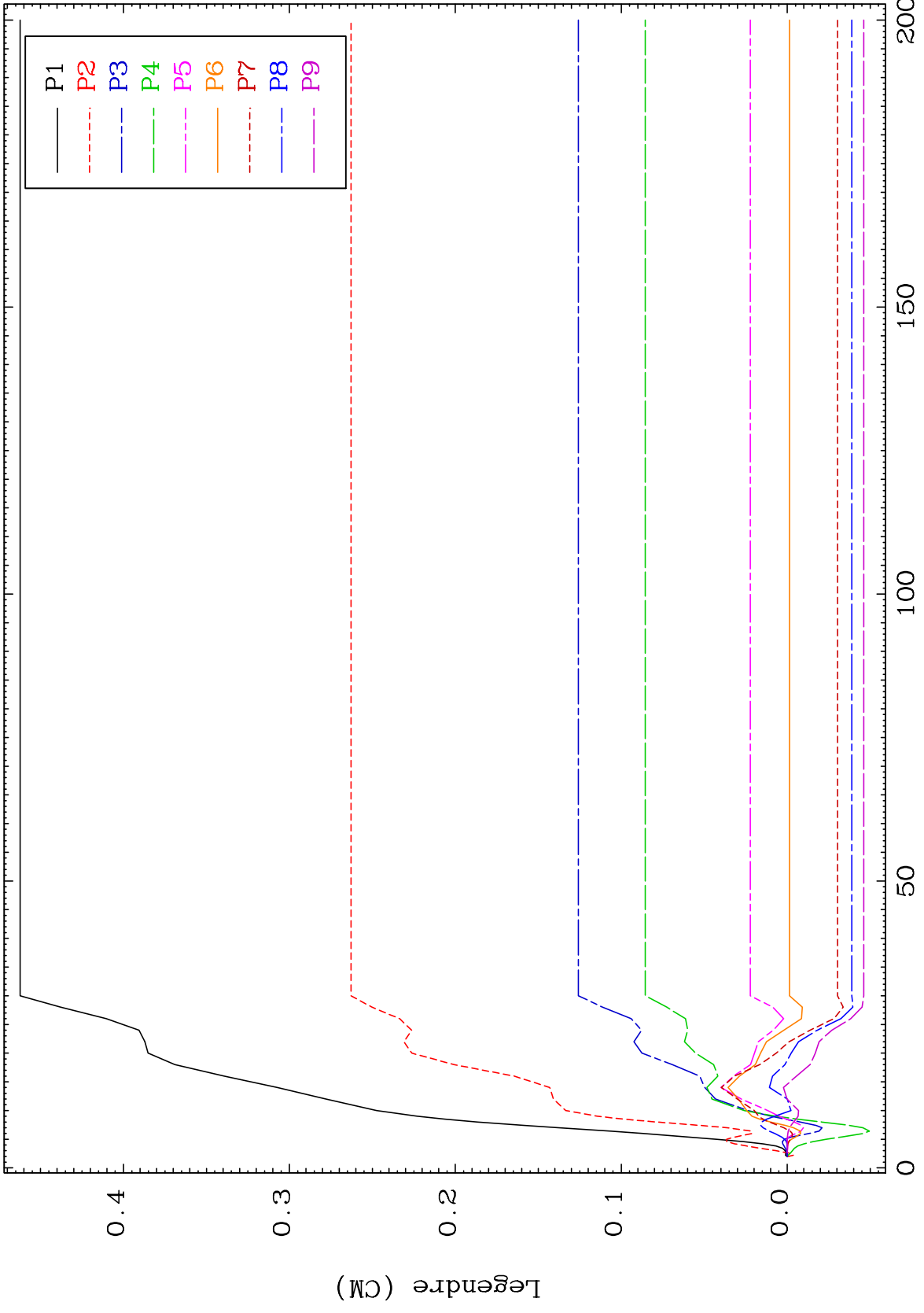
52-Te-120

MAT 5225 MT= 59 (n,n') Level Legendre Coefficients 52-Te-120



53 Incident Energy (MeV) 52-Te-120

MAT 5225 MT= 60 (n,n') Level Legendre Coefficients 52-Te-120

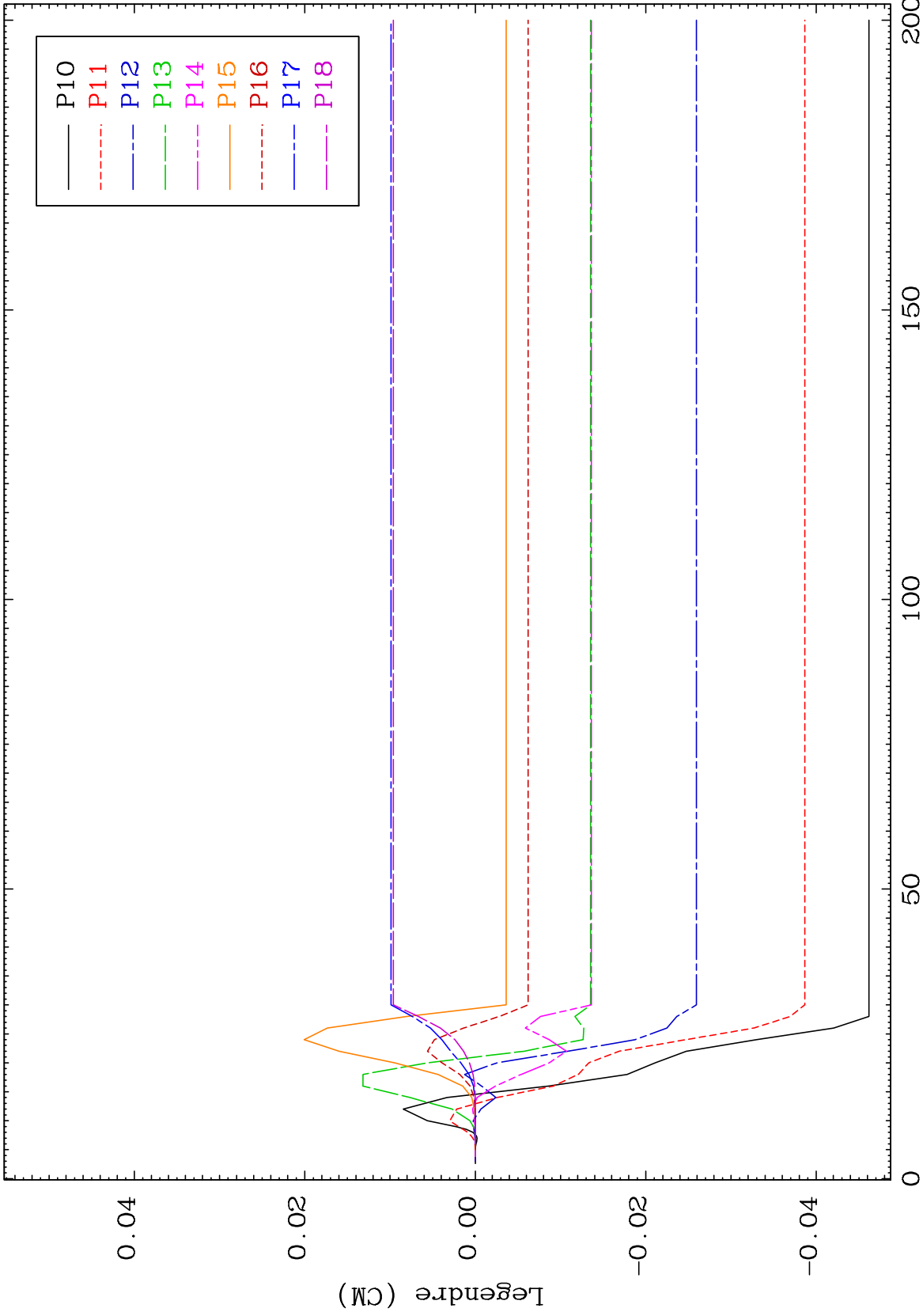


54 52-Te-120

MAT 5225

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

52-Te-120



55

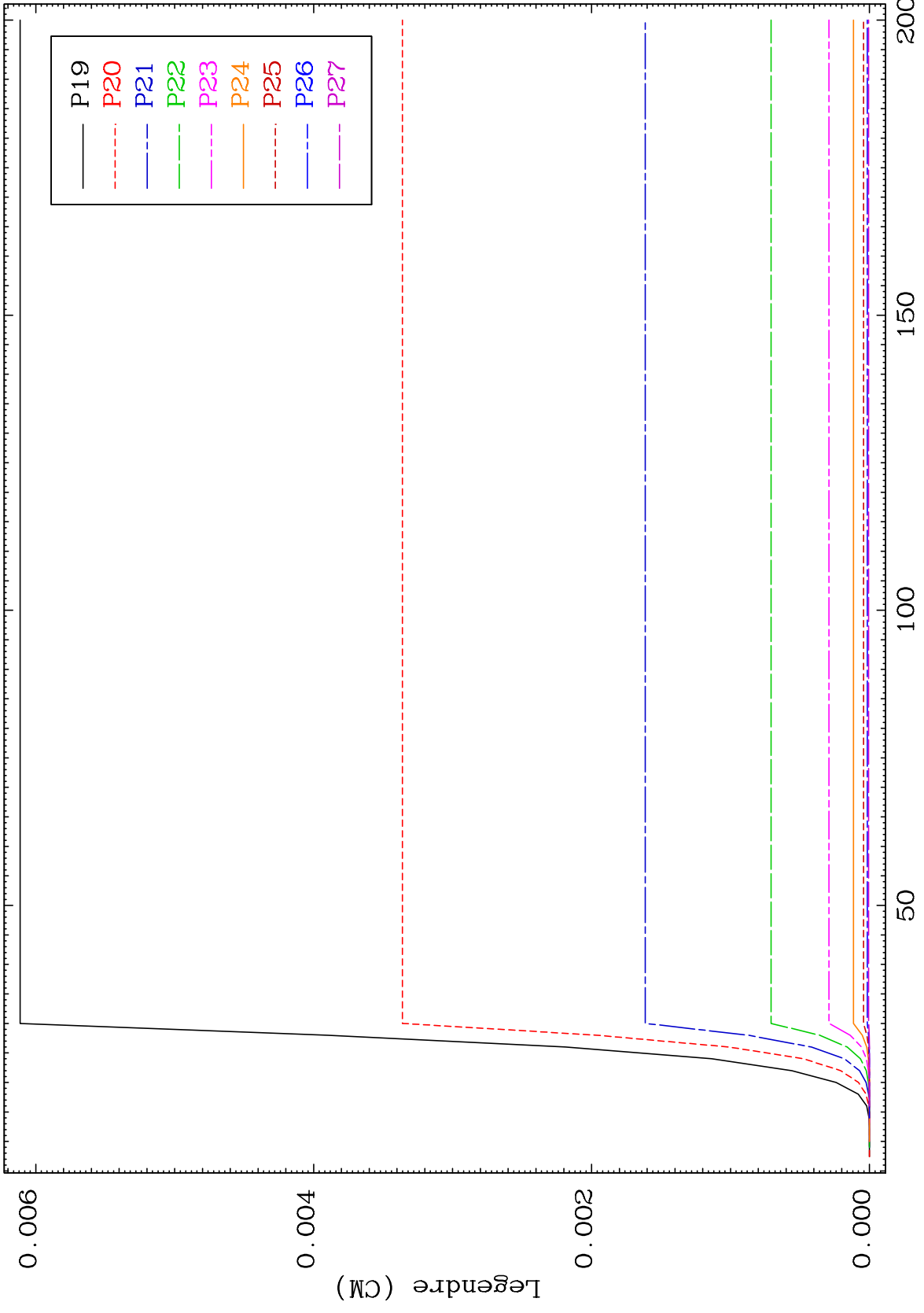
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



56

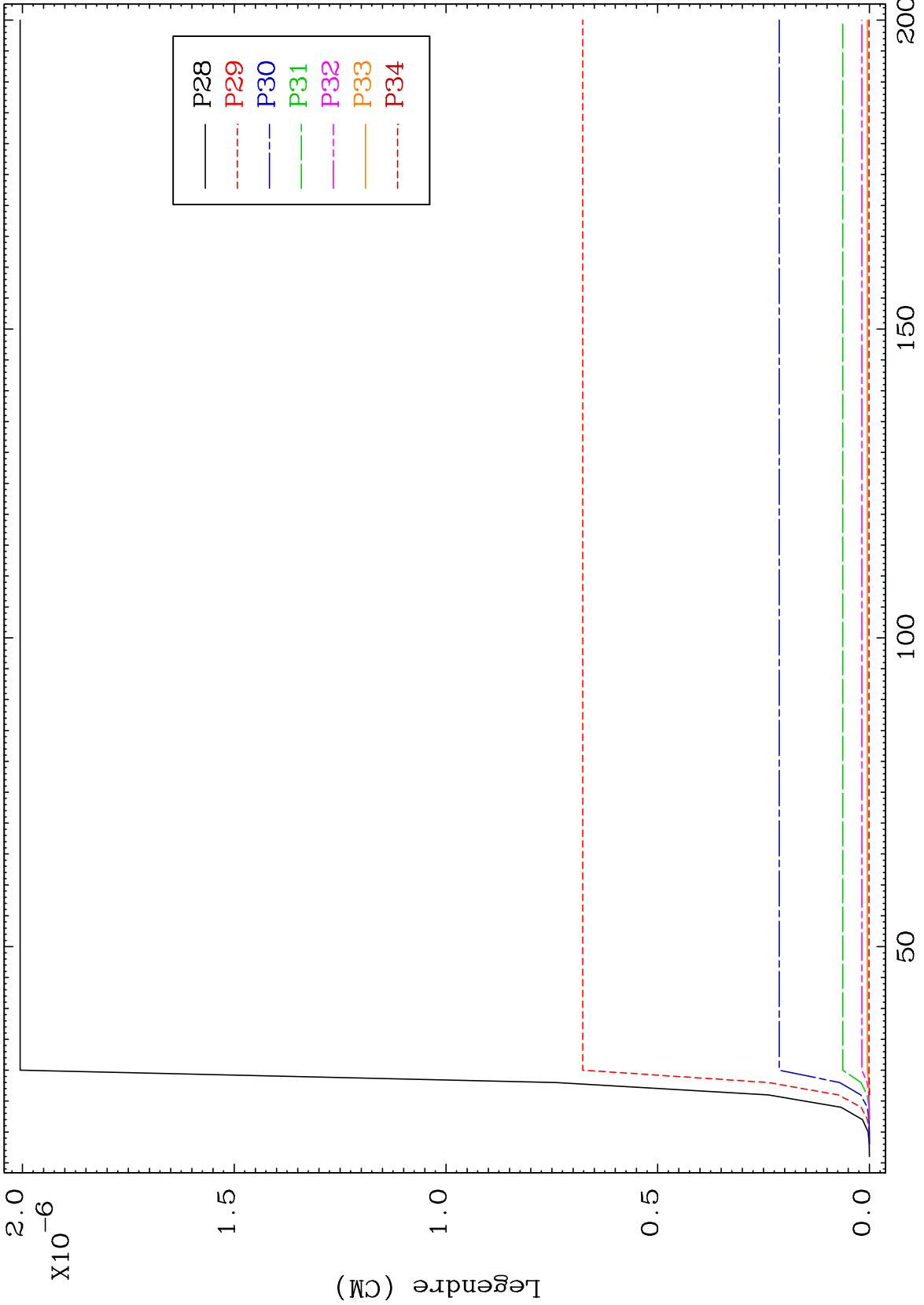
Incident Energy (MeV)

52-Te-120

MAT 5225

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

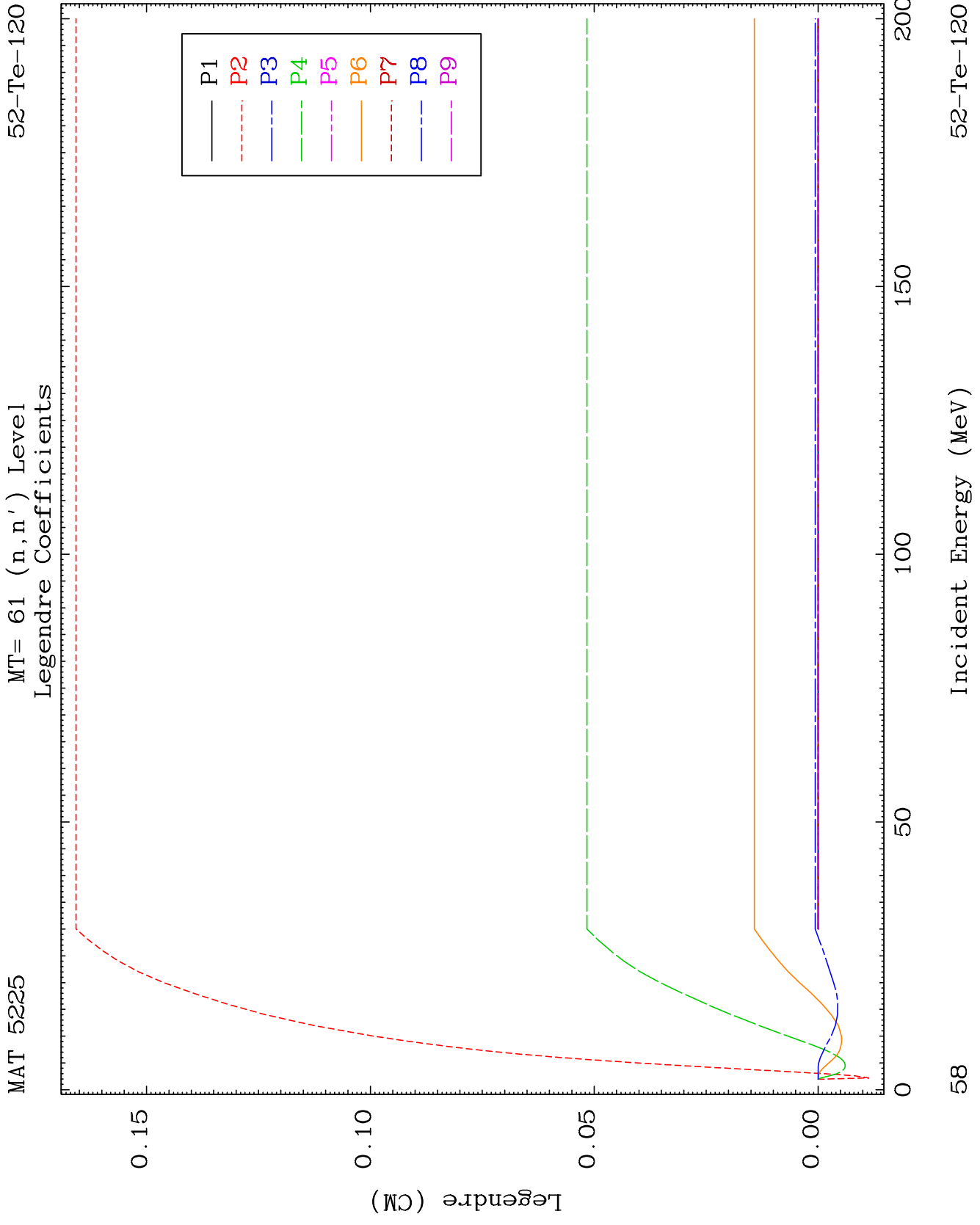
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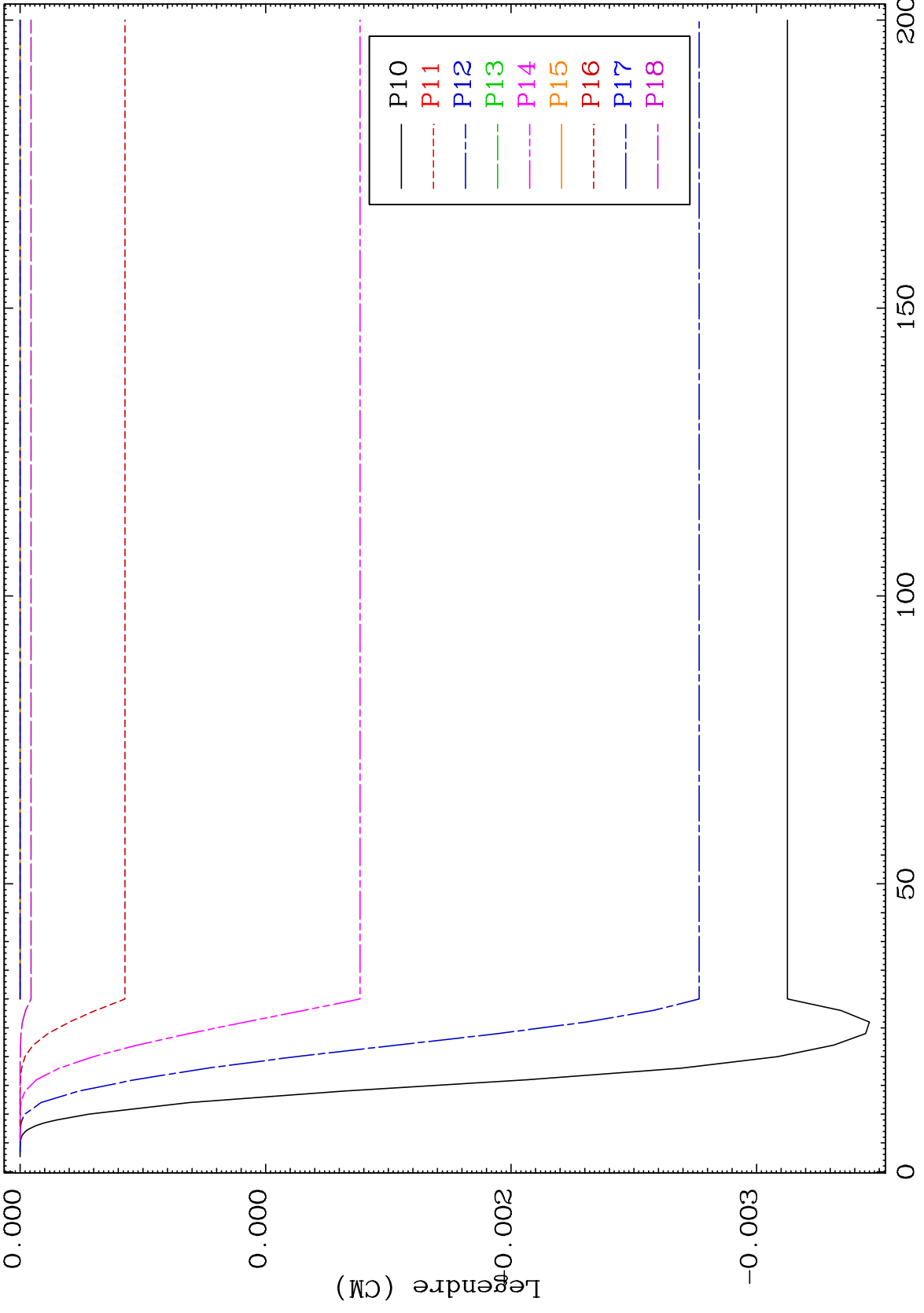
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Incident Energy (MeV)

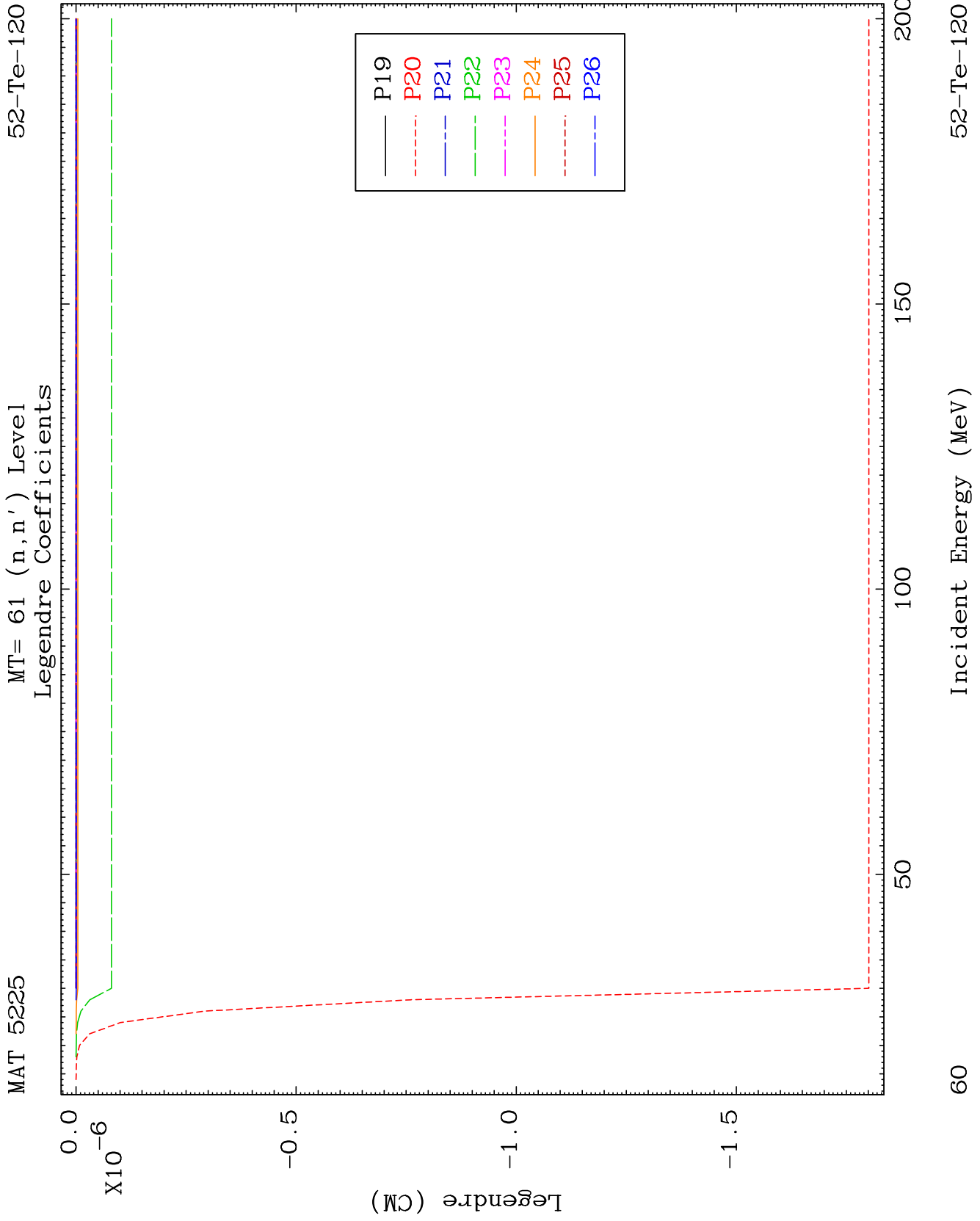
52-Te-120



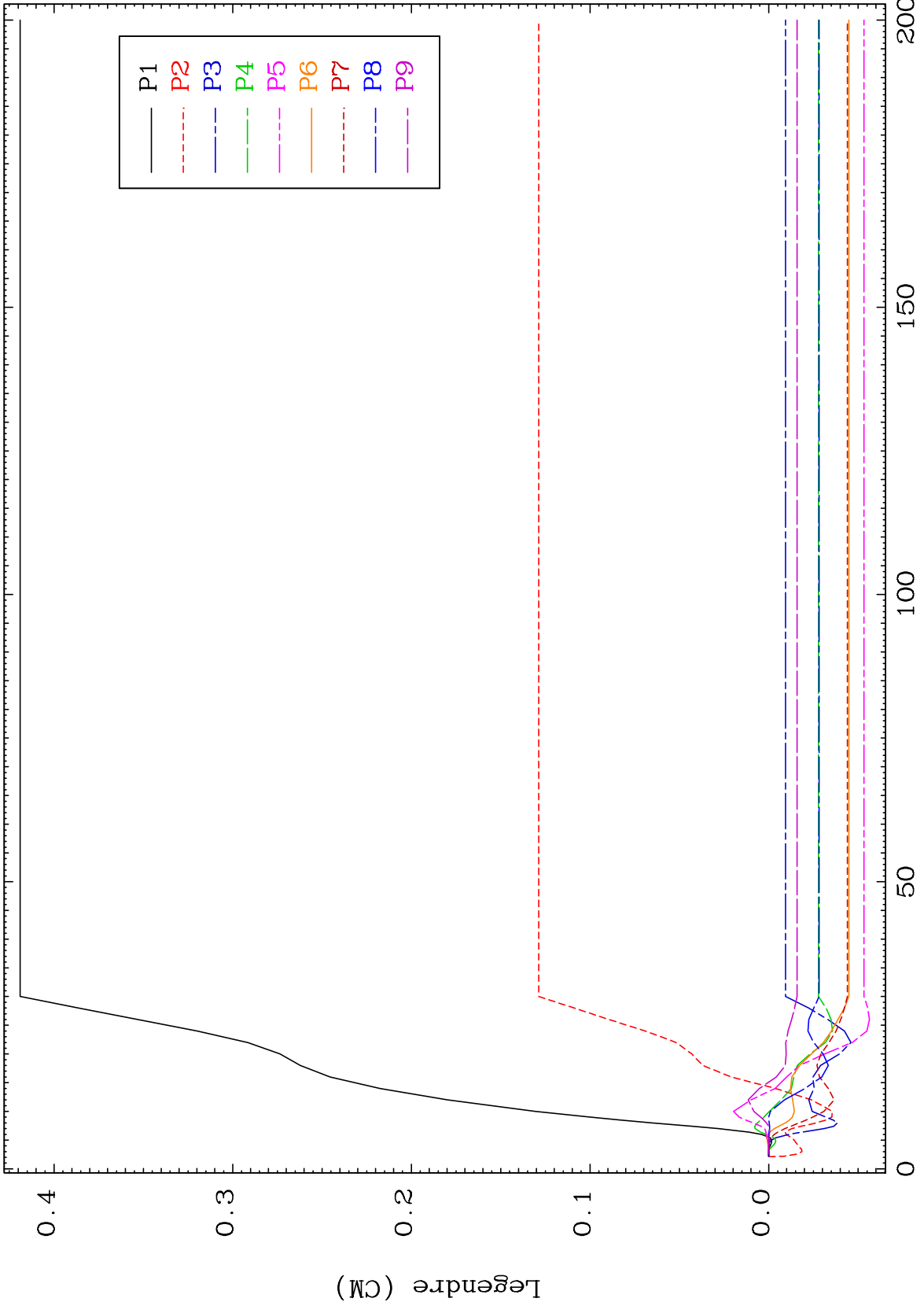
MAT 5225 MT= 61 (n,n') Level Legendre Coefficients 52-Te-120



52-Te-120

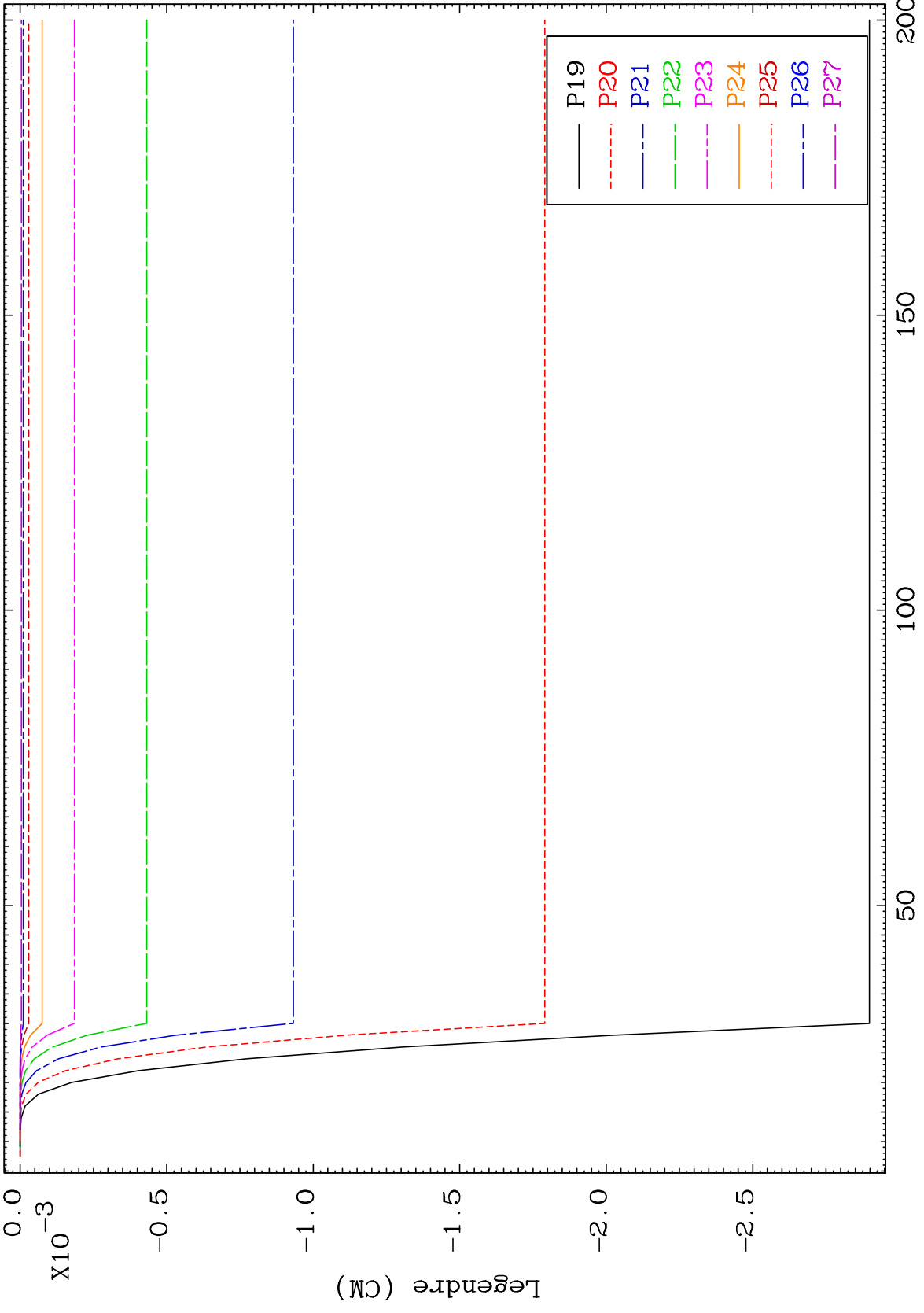


MAT 5225 MT= 62 (n,n') Level Legendre Coefficients 52-Te-120

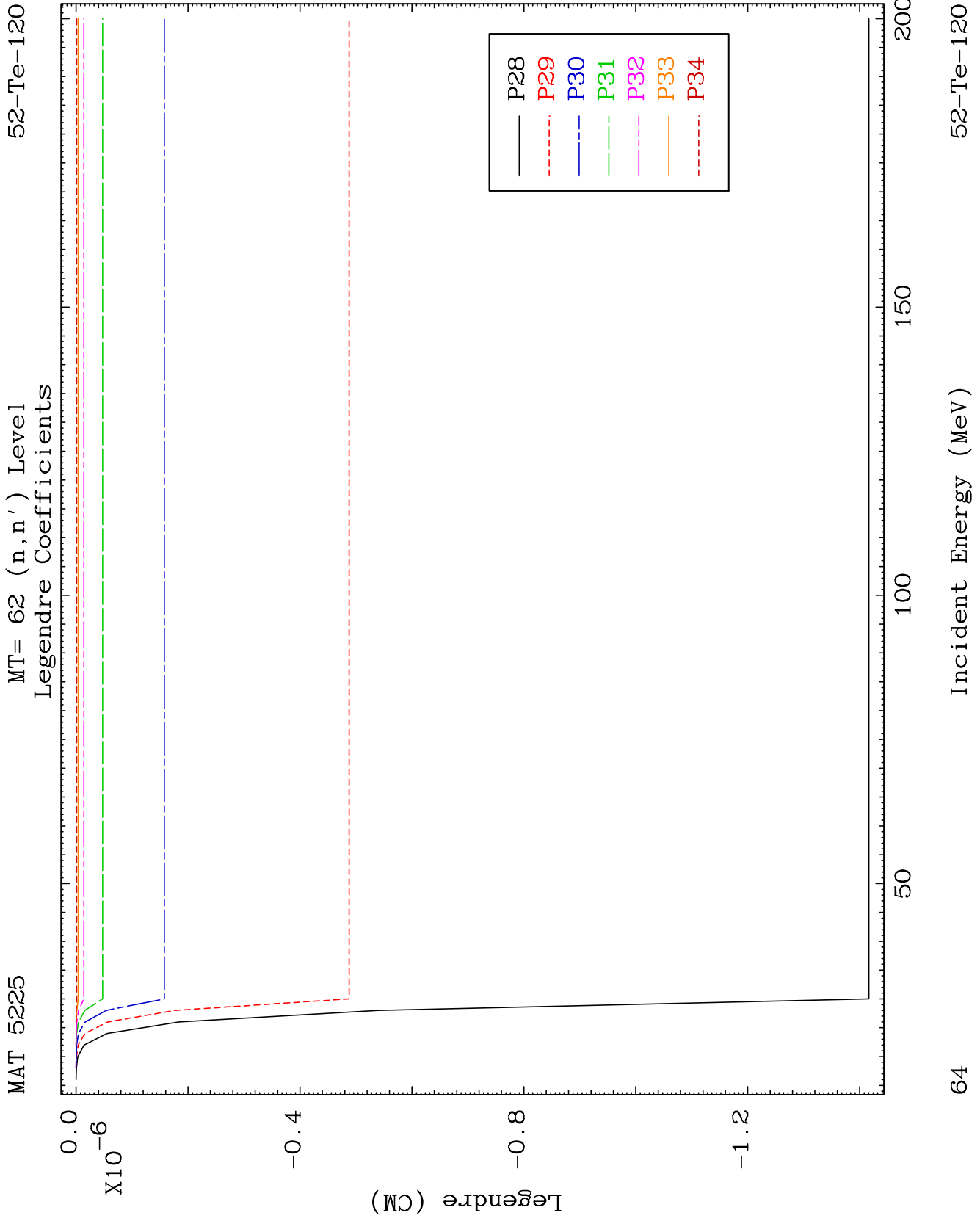


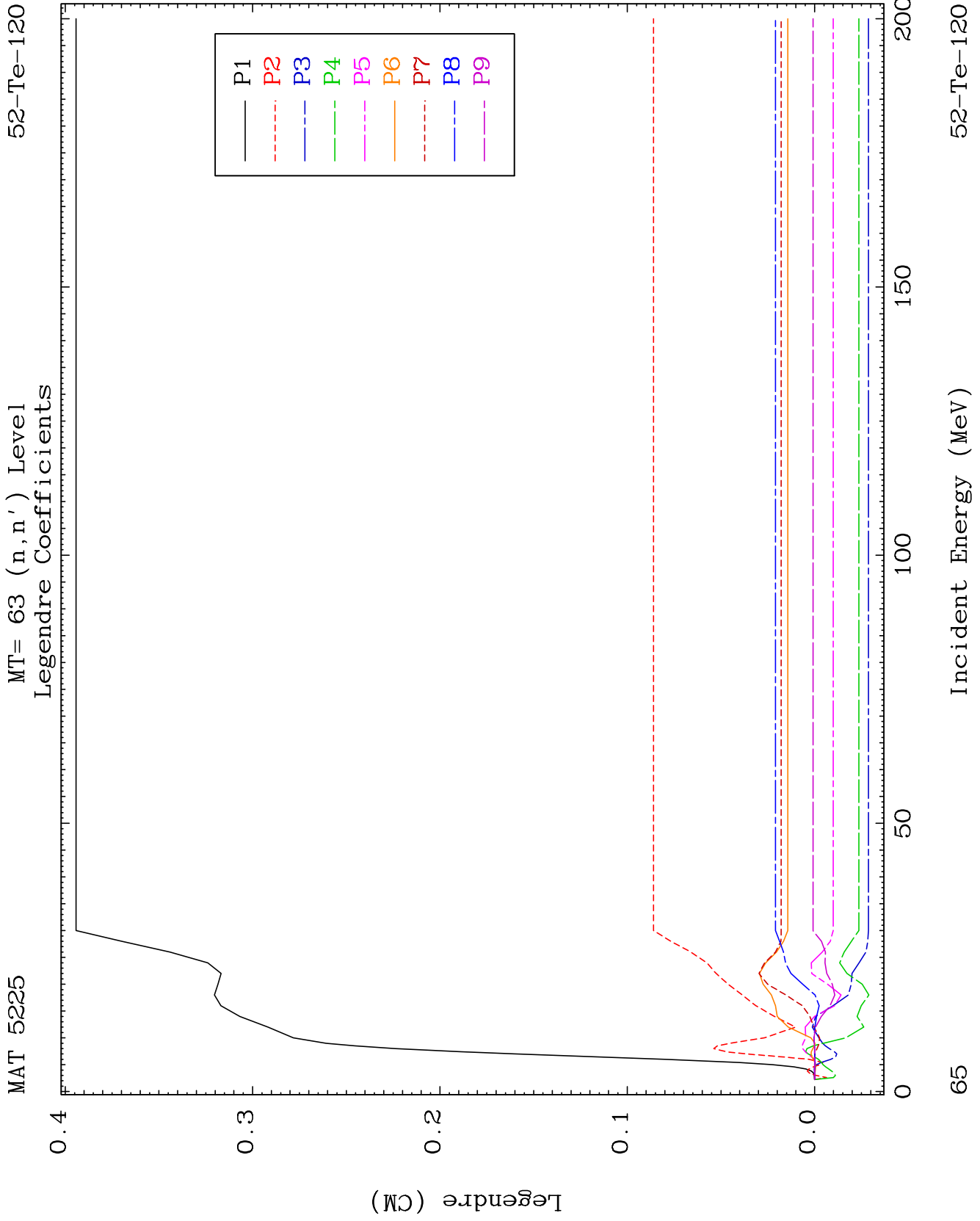
61 52-Te-120

MAT 5225 MT= 62 (n,n') Level Legendre Coefficients 52-Te-120



63 52-Te-120

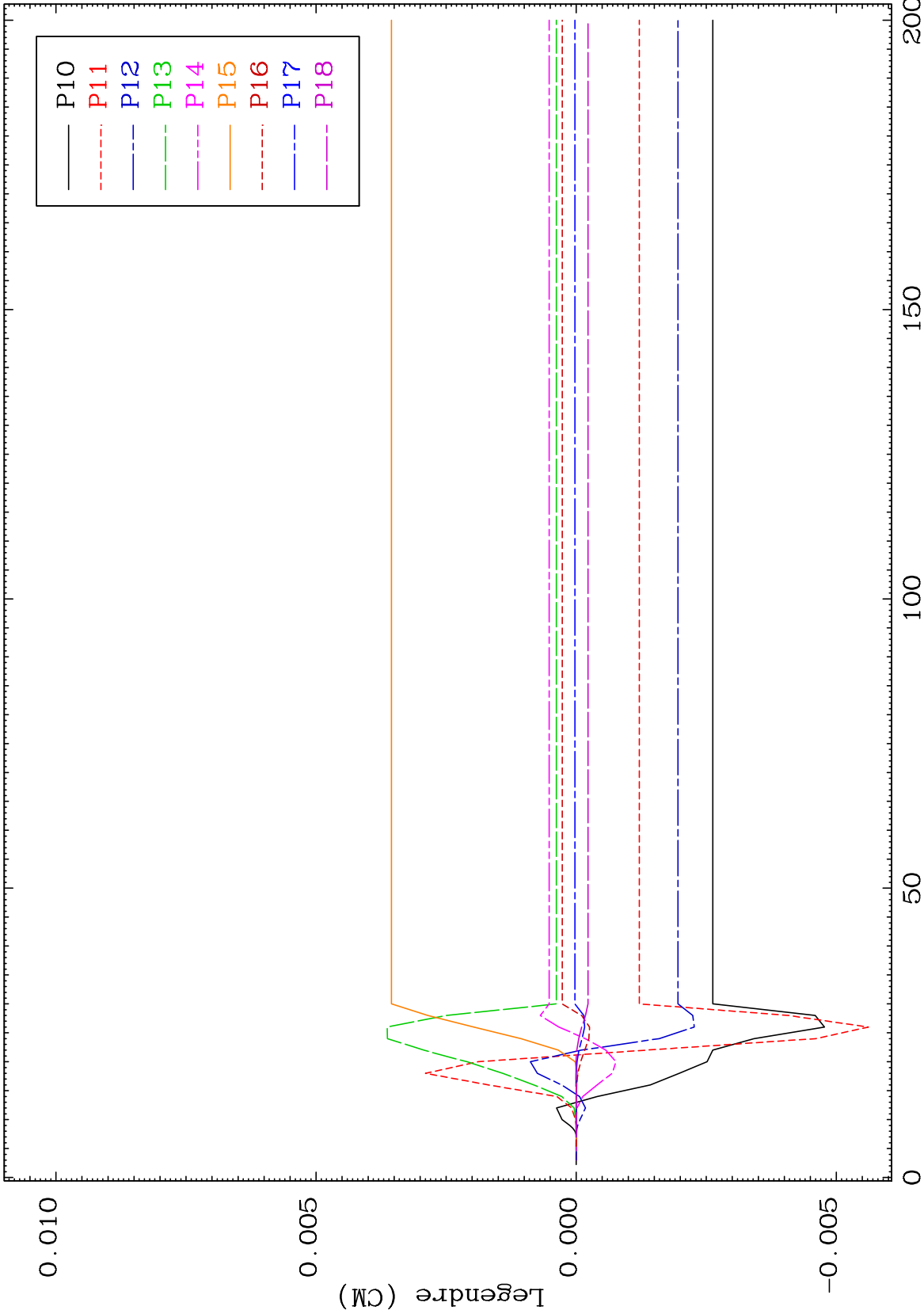




MAT 5225

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

52-Te-120

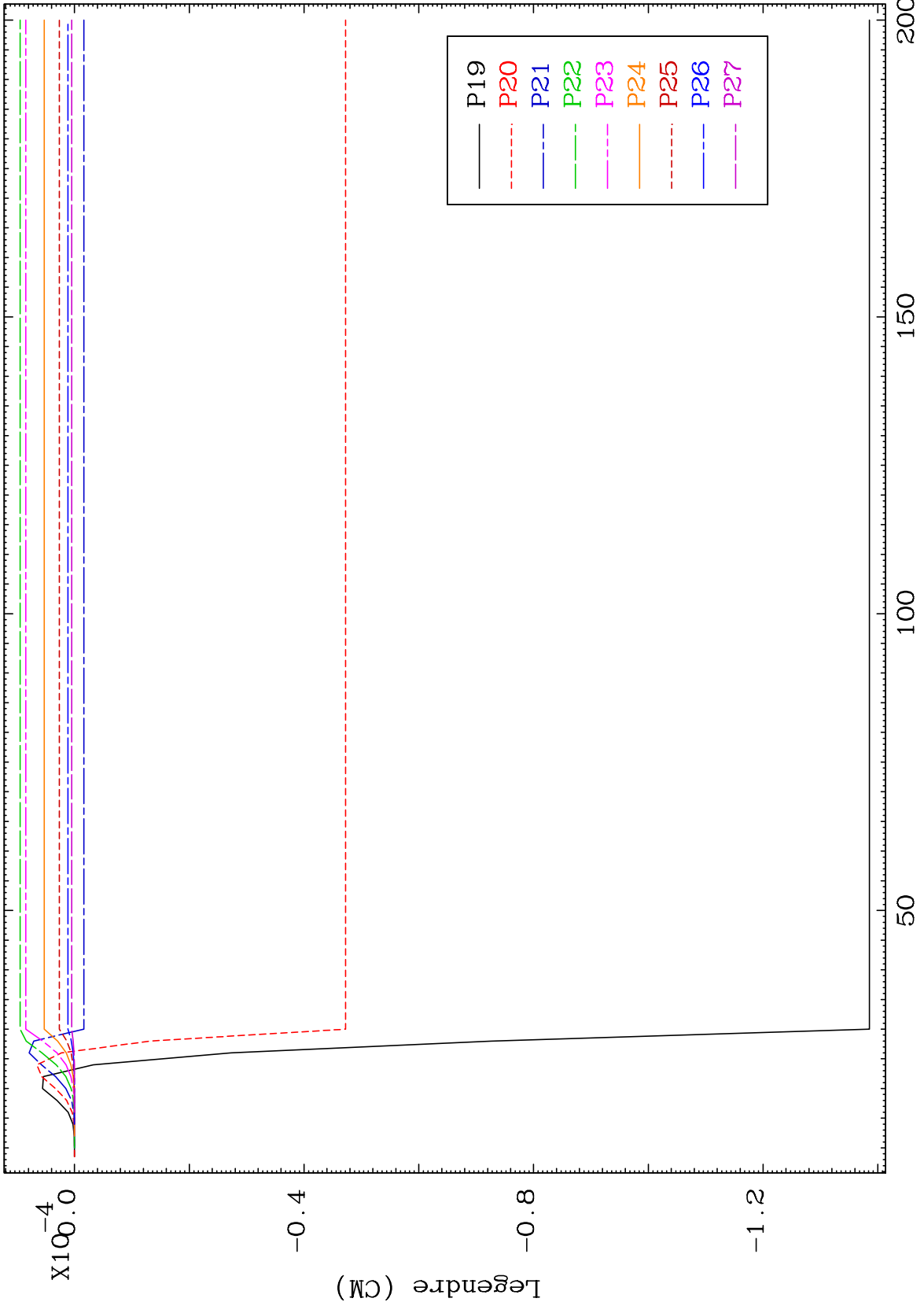


66

Incident Energy (MeV)

52-Te-120

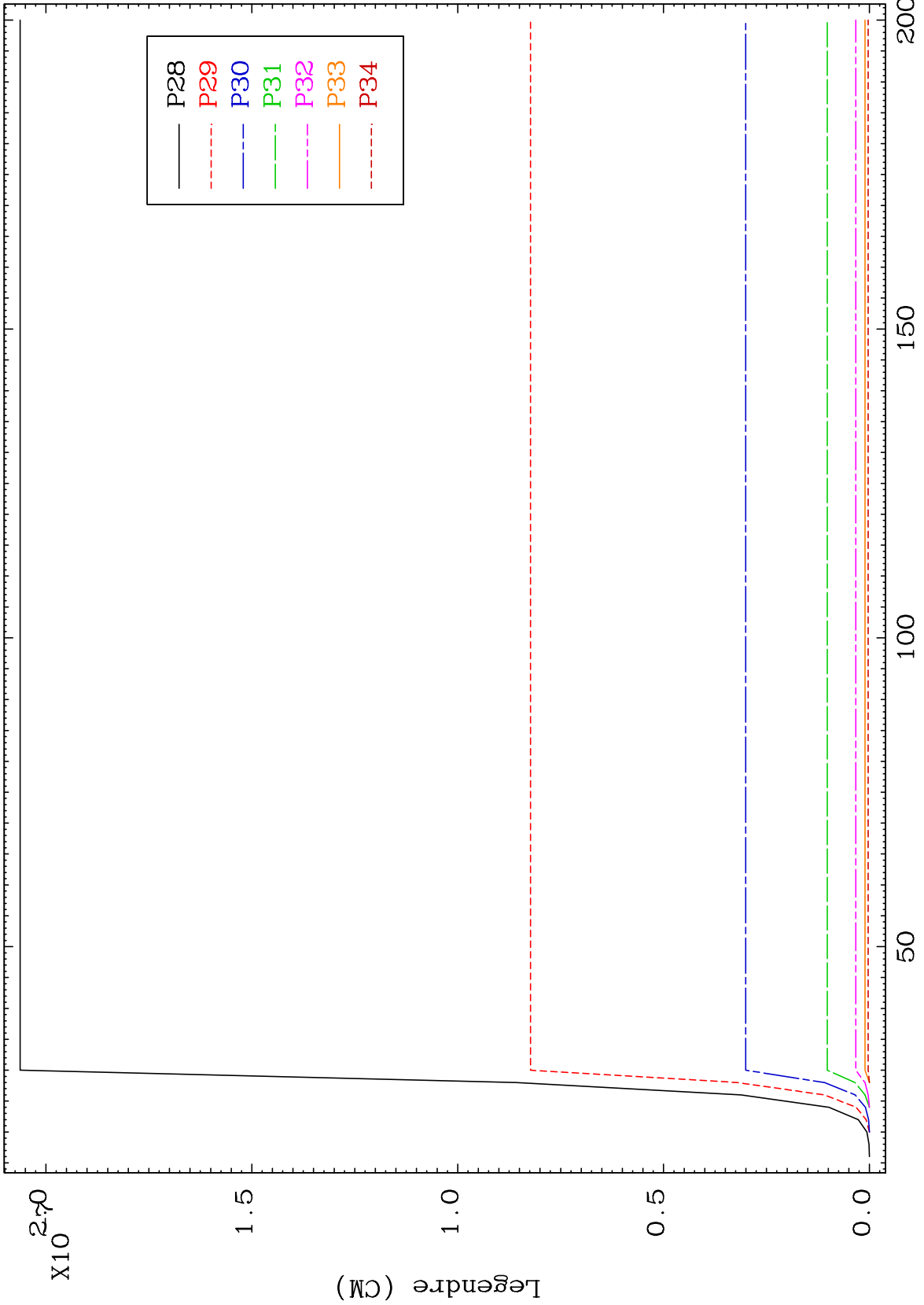
MAT 5225 MT= 63 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225

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

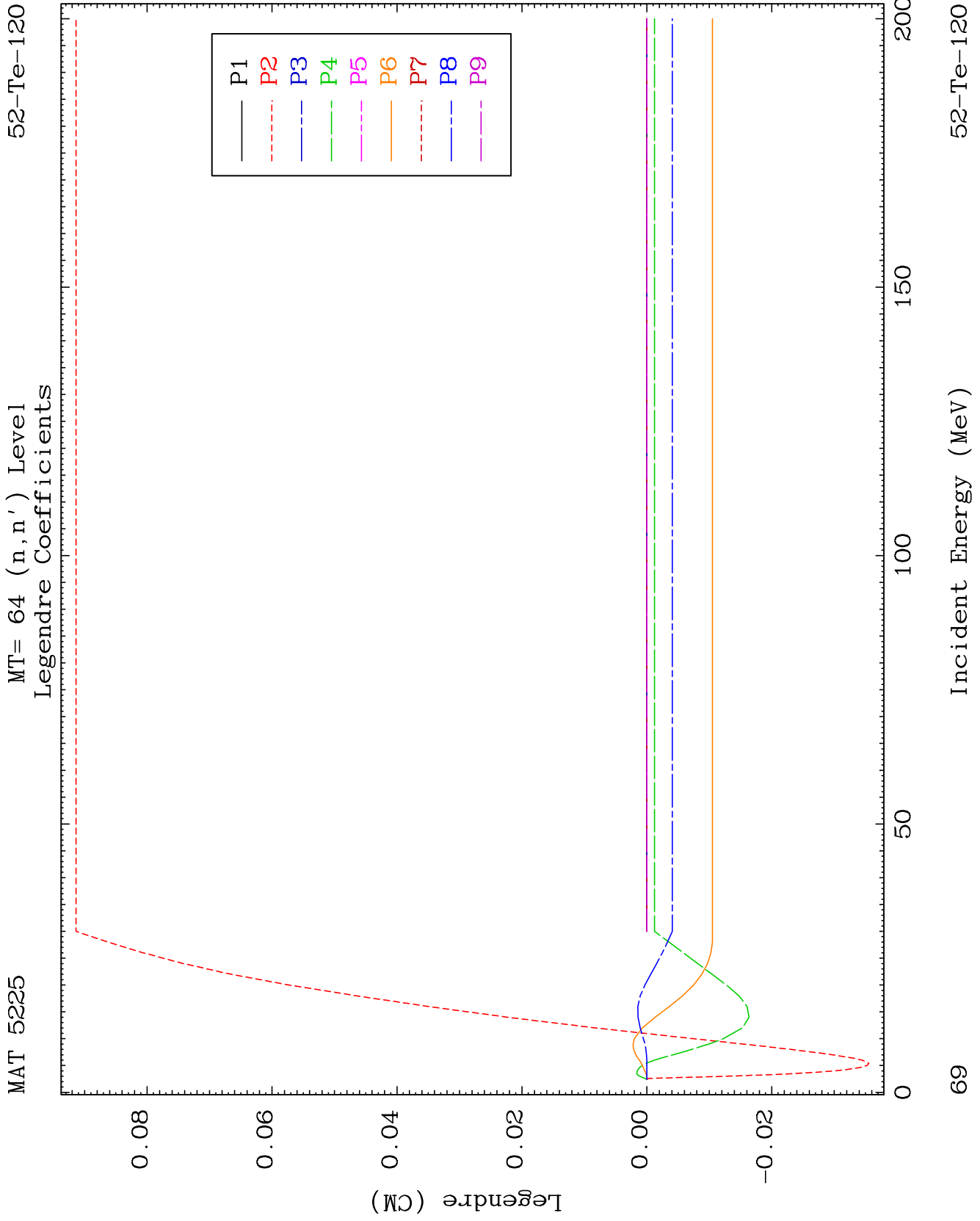
52-Te-120



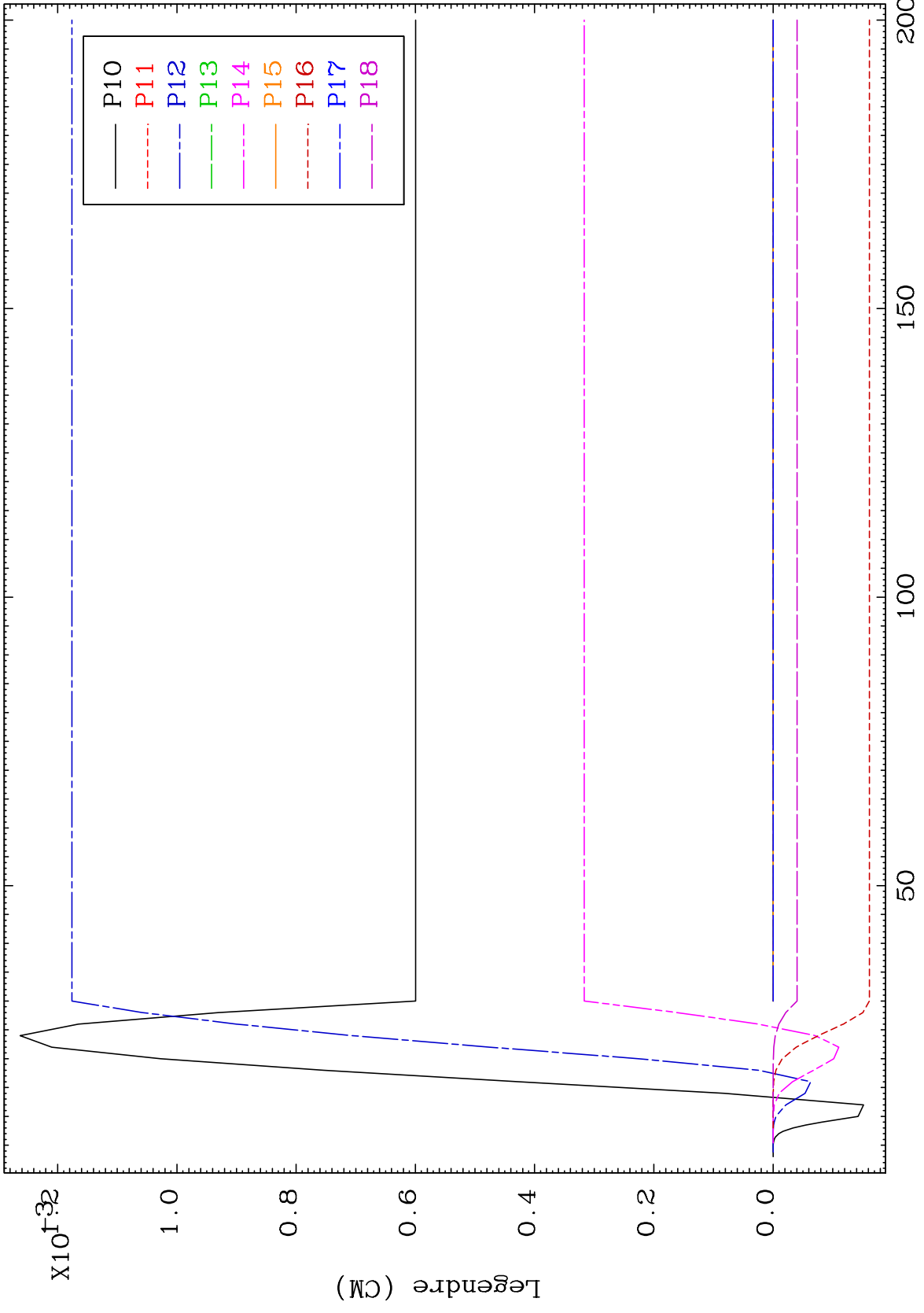
68

Incident Energy (MeV)

52-Te-120

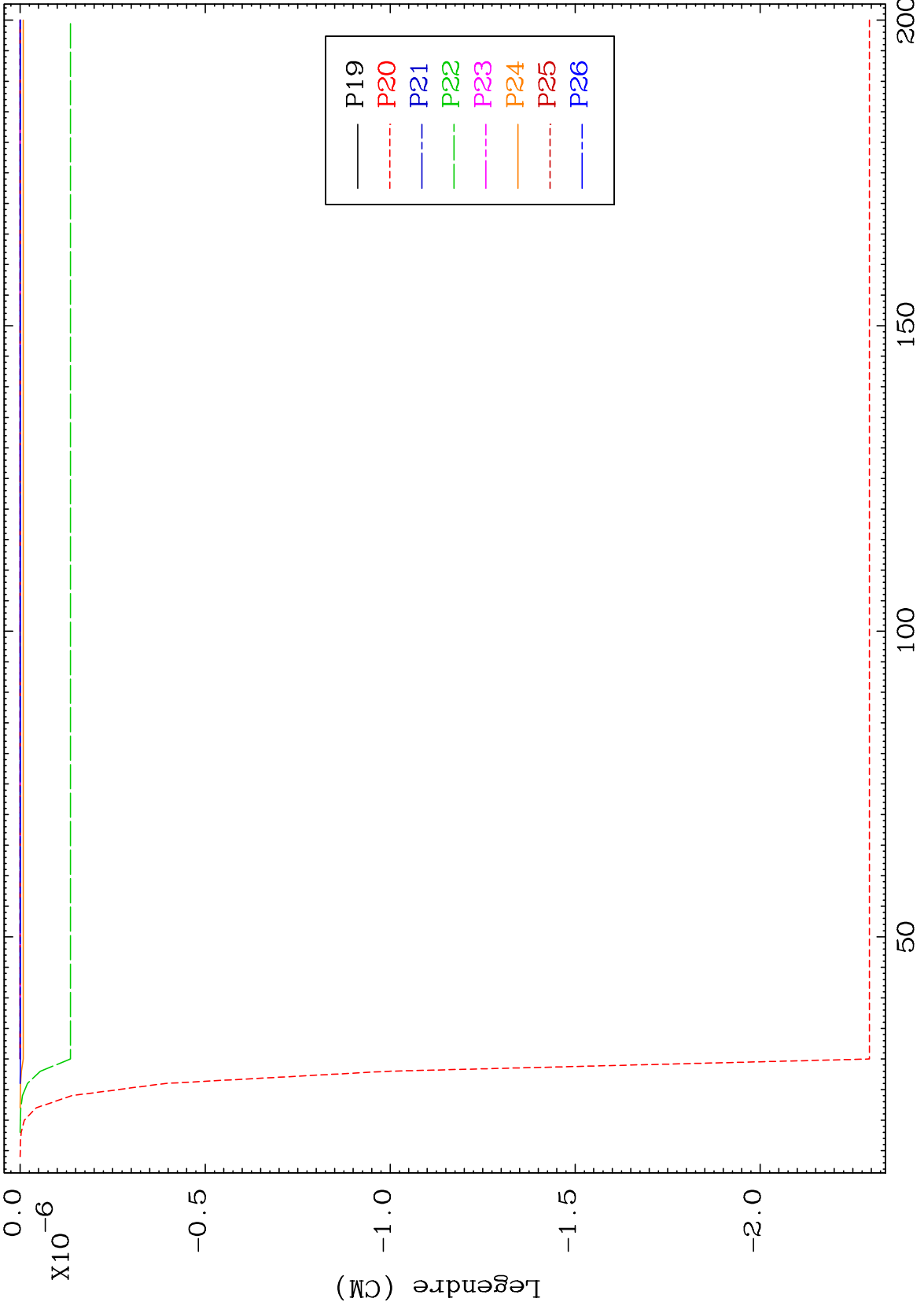


MAT 5225 MT= 64 (n,n') Level Legendre Coefficients 52-Te-120

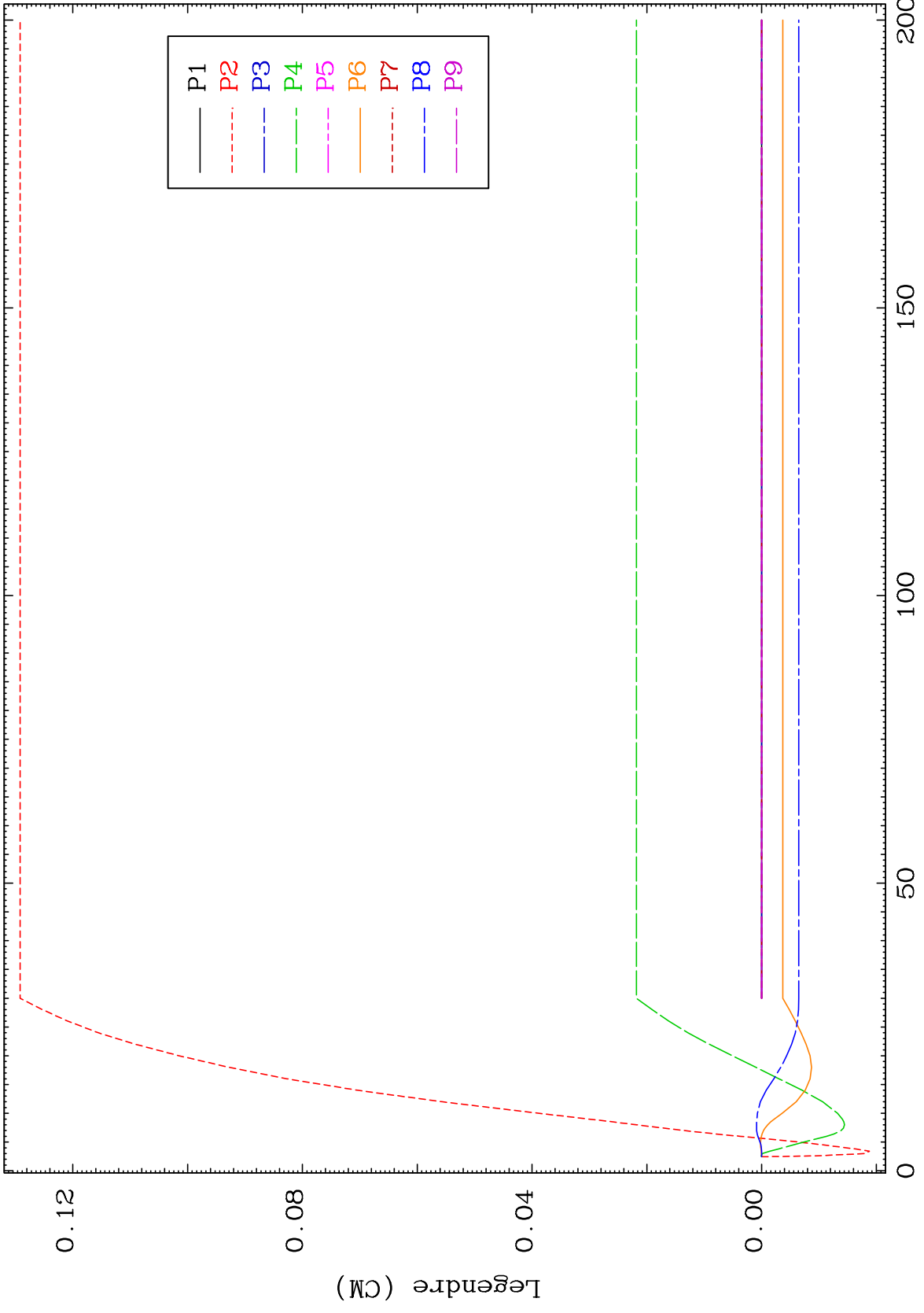


70 52-Te-120

MAT 5225 MT= 64 (n,n') Level Legendre Coefficients 52-Te-120

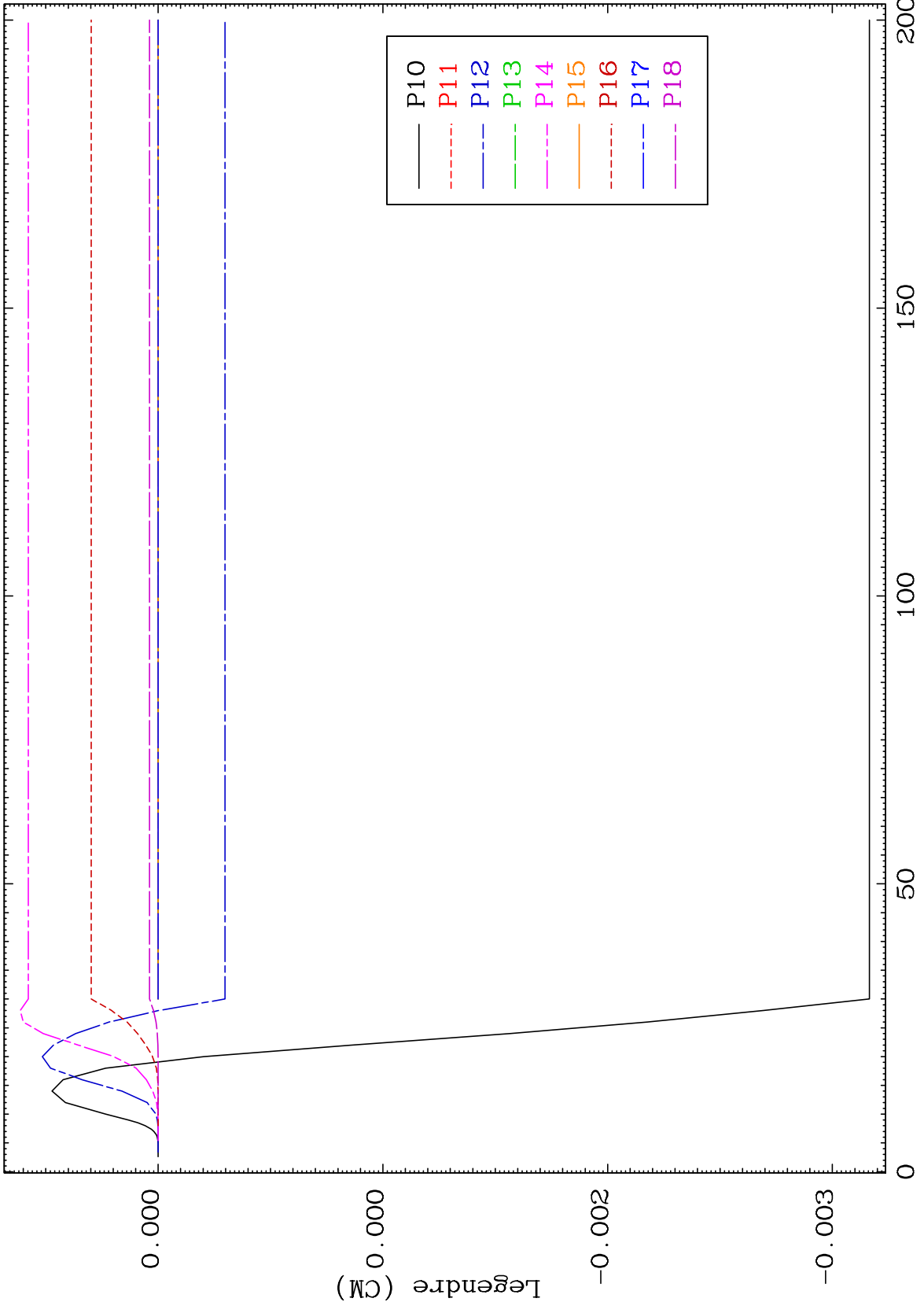


MAT 5225 MT= 65 (n,n') Level Legendre Coefficients 52-Te-120



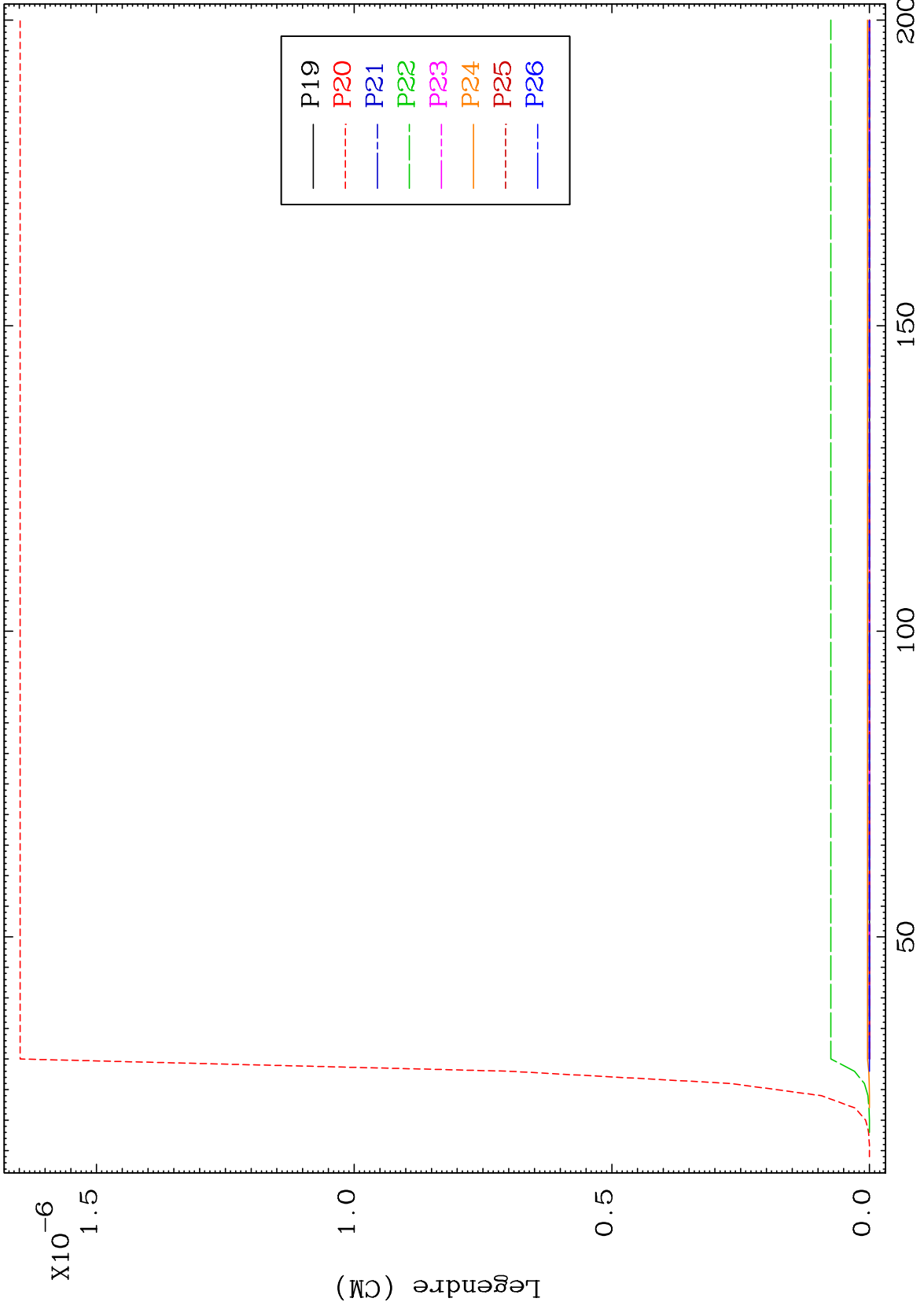
72 Incident Energy (MeV) 52-Te-120

MAT 5225 MT= 65 (n,n') Level Legendre Coefficients 52-Te-120



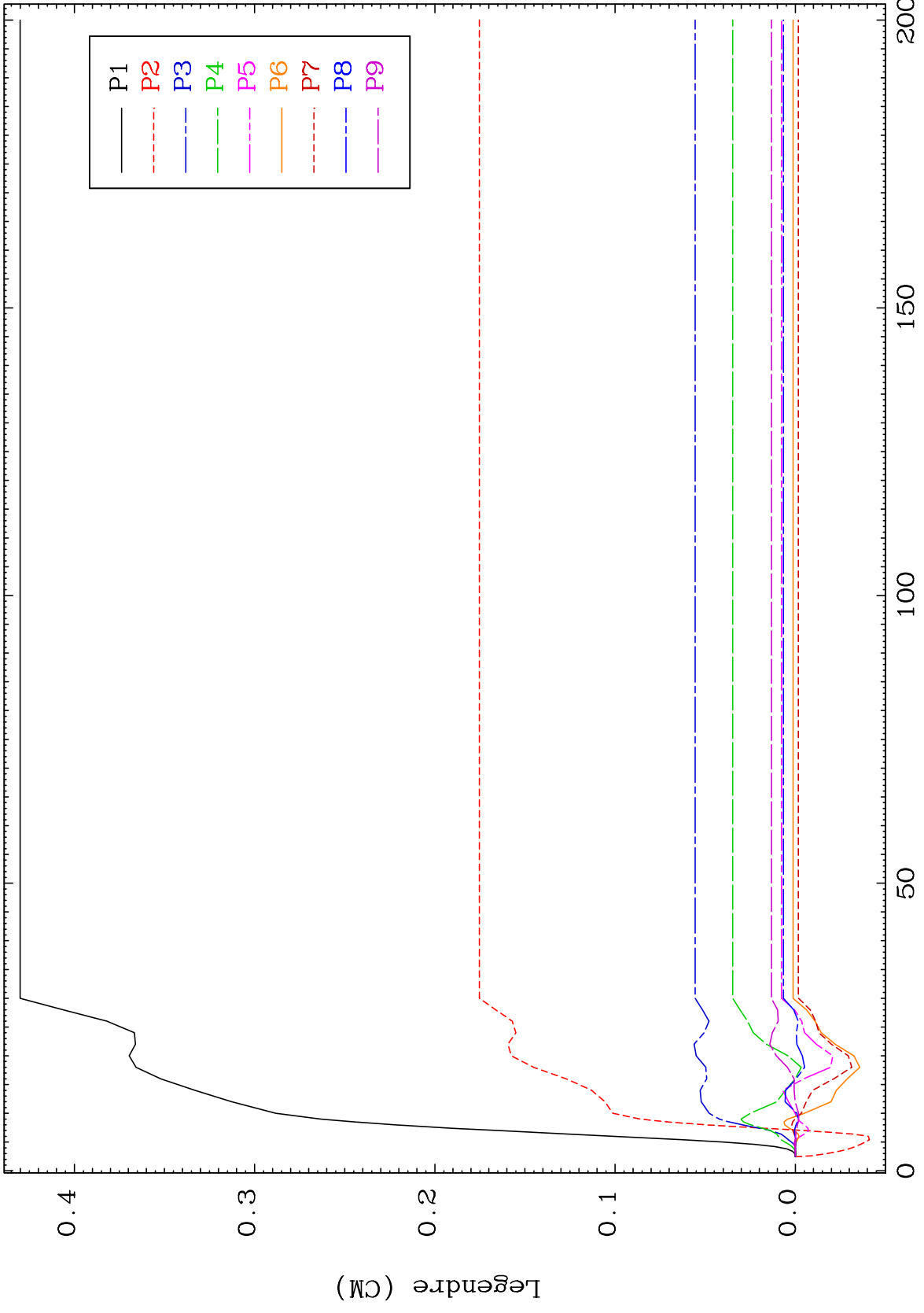
73 52-Te-120

MAT 5225 MT= 65 (n,n') Level Legendre Coefficients 52-Te-120



74 52-Te-120

MAT 5225 MT= 66 (n,n') Level Legendre Coefficients 52-Te-120

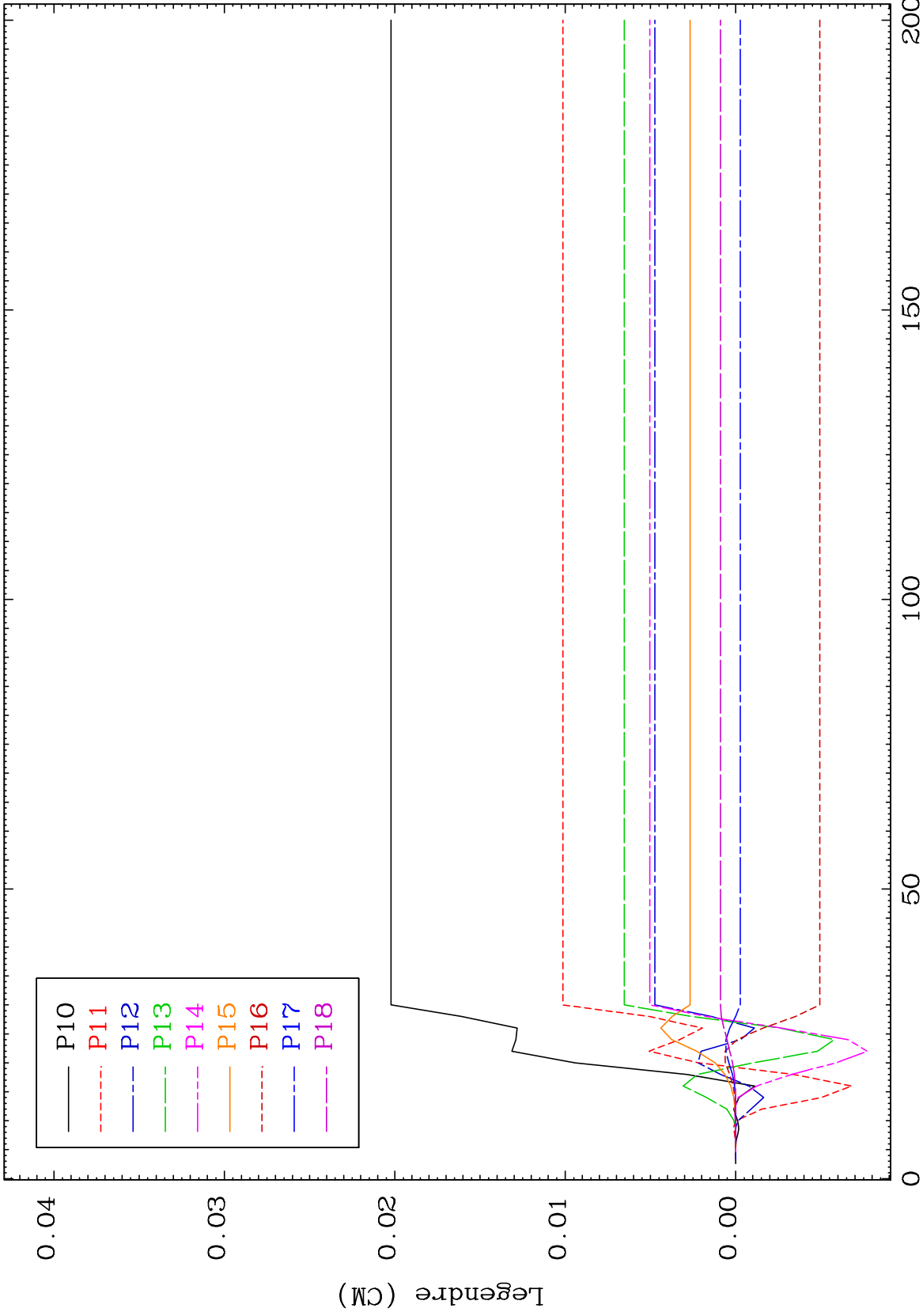


75 Incident Energy (MeV) 52-Te-120

MAT 5225

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

52-Te-120



76

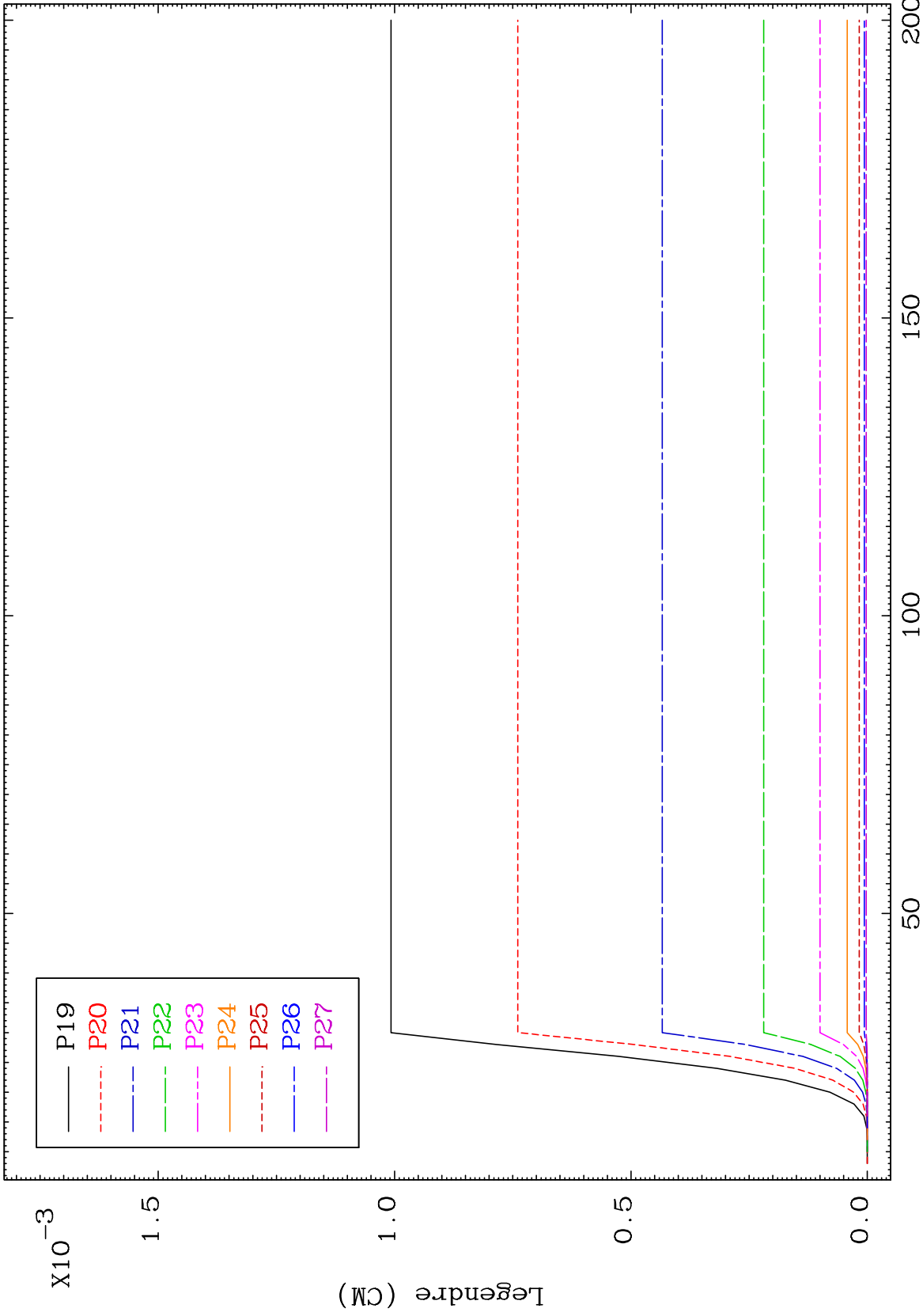
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



77

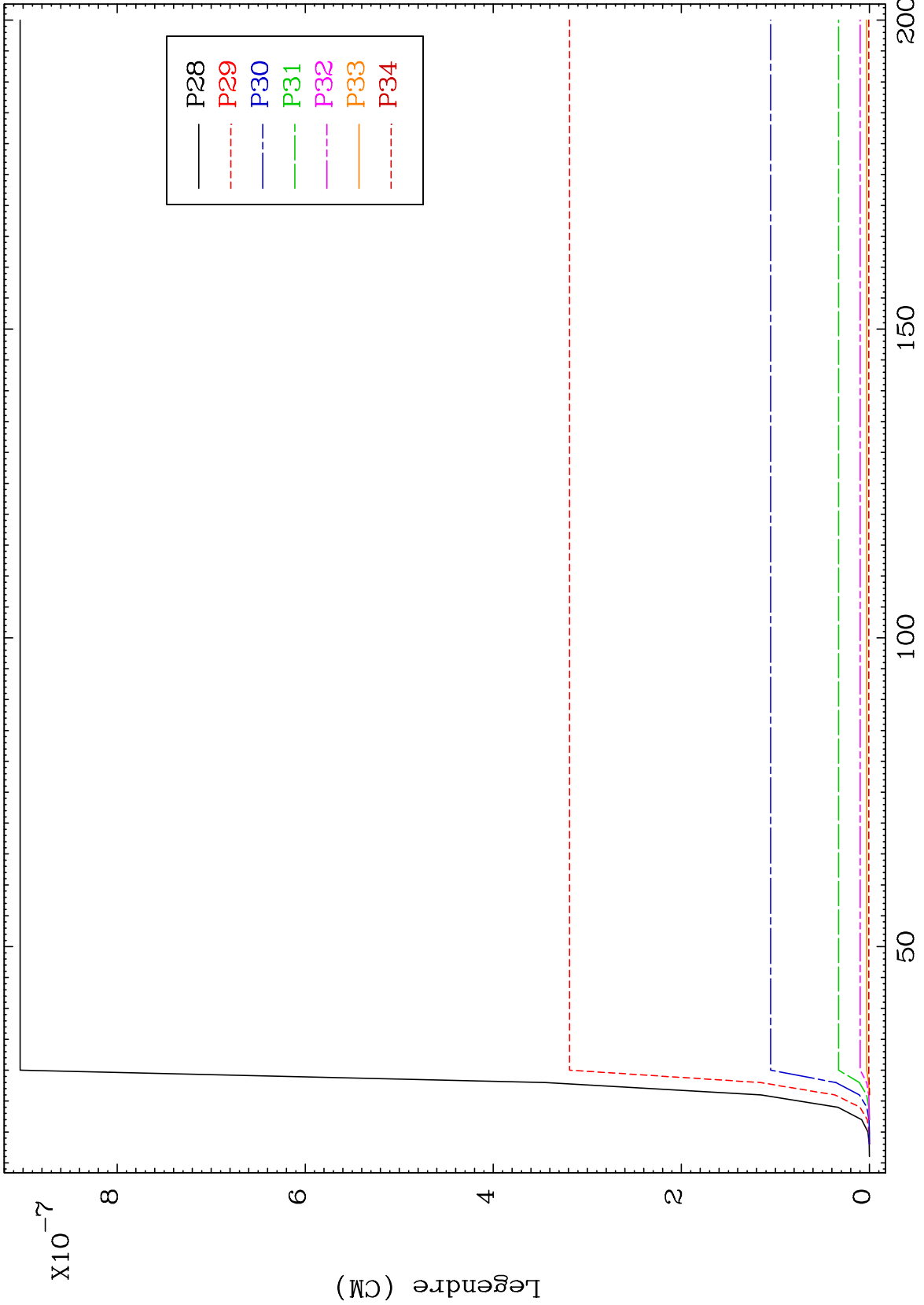
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



78

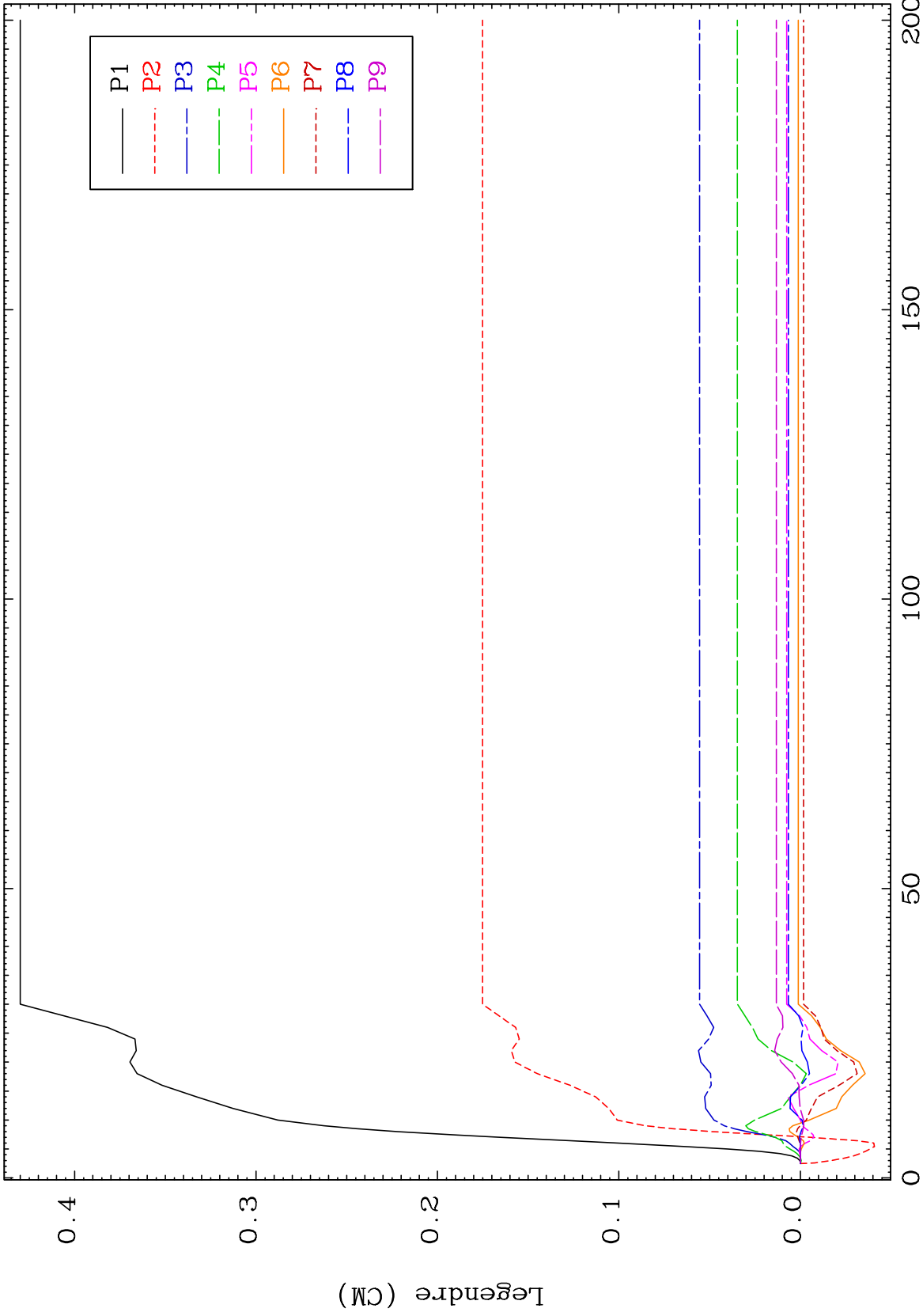
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



79

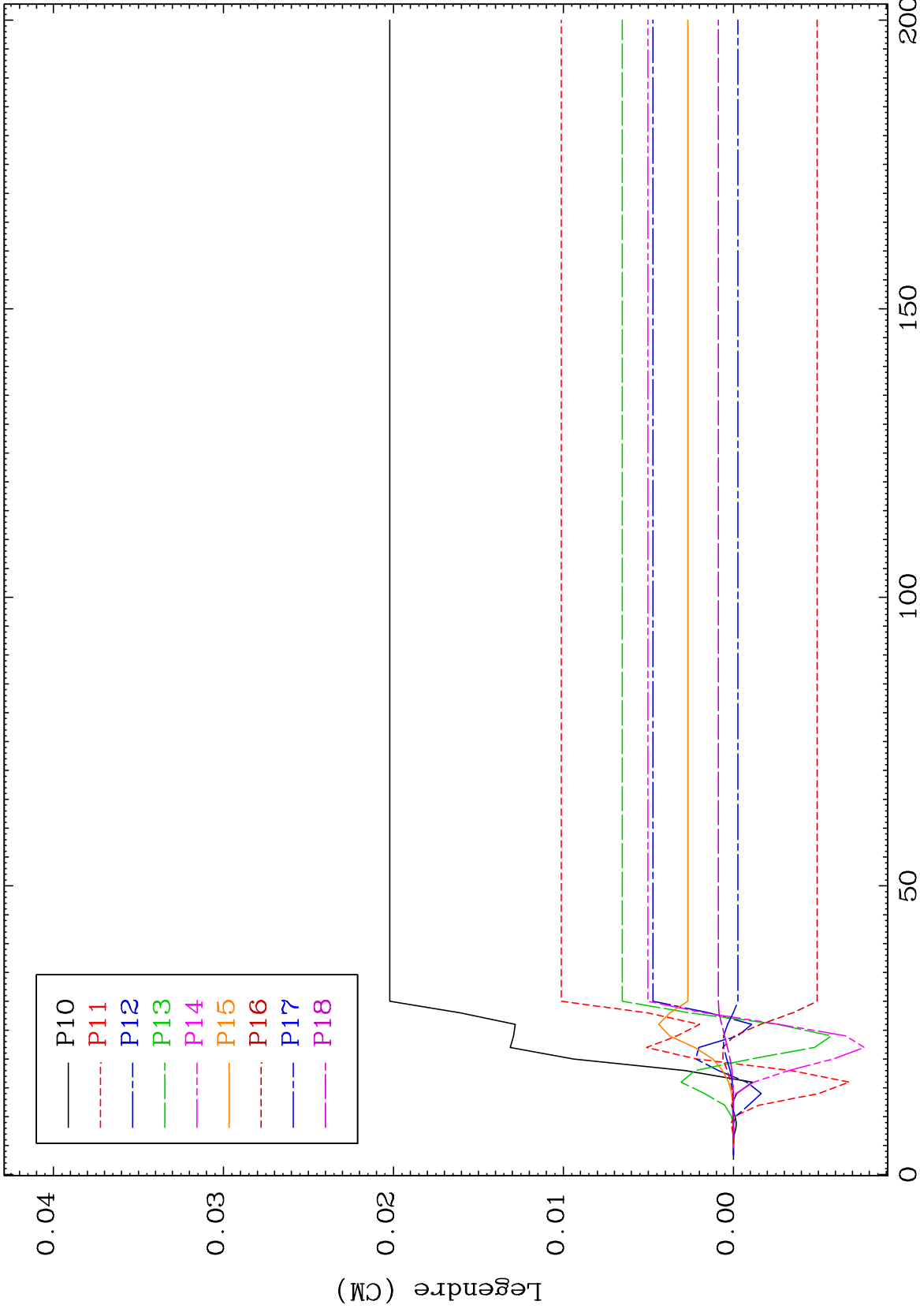
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



80

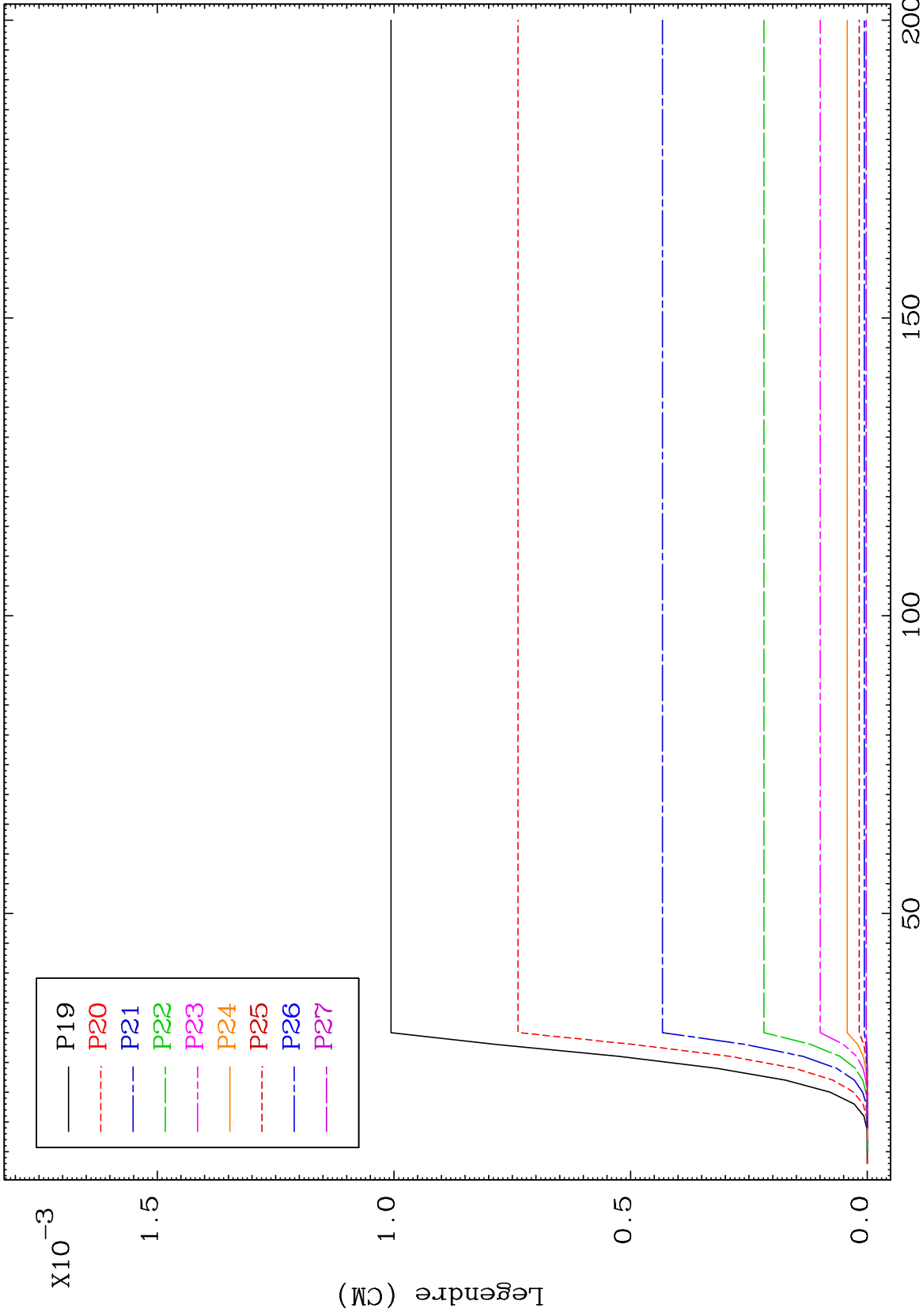
Incident Energy (MeV)

52-Te-120

MAT 5225

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

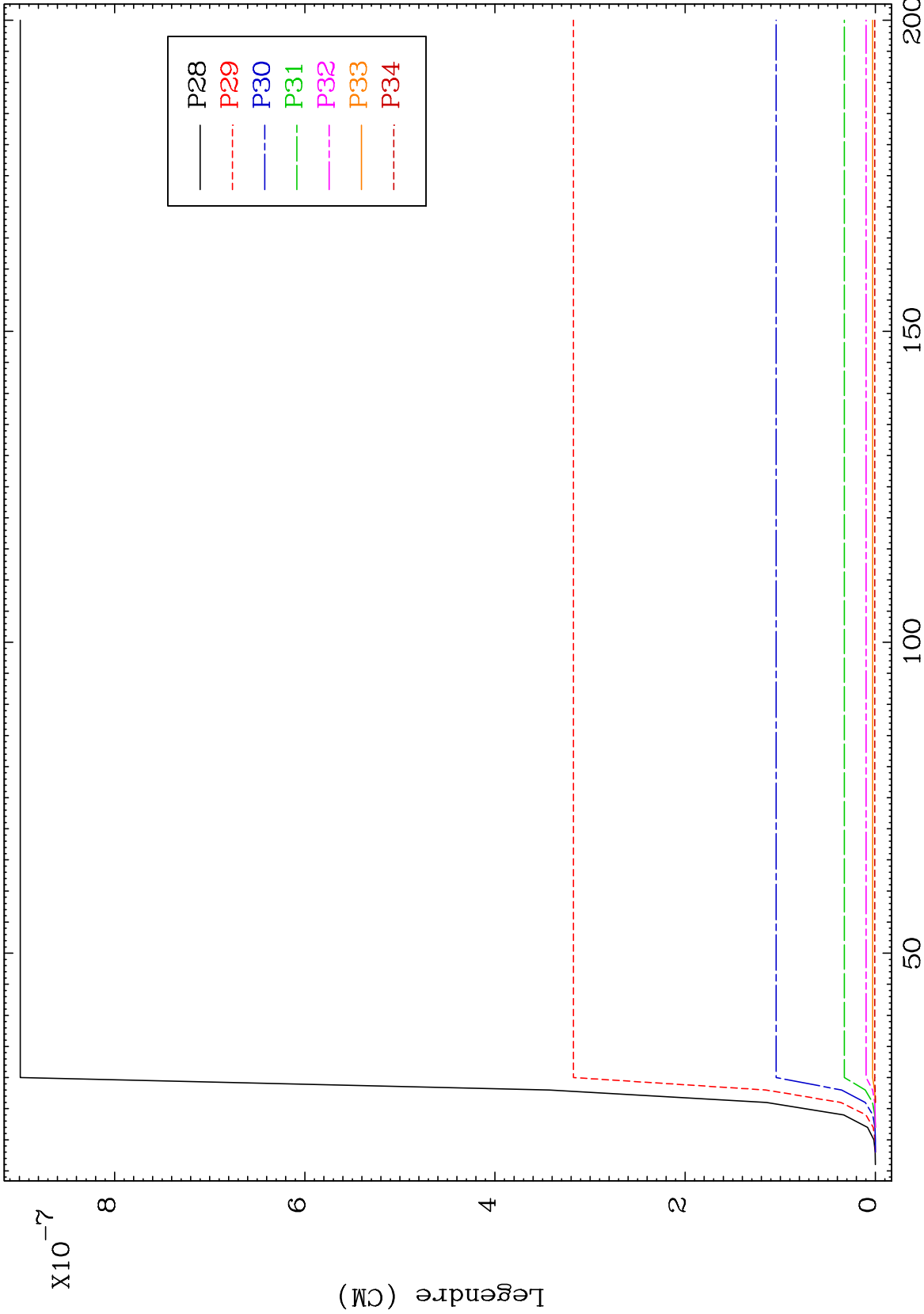
52-Te-120



MAT 5225

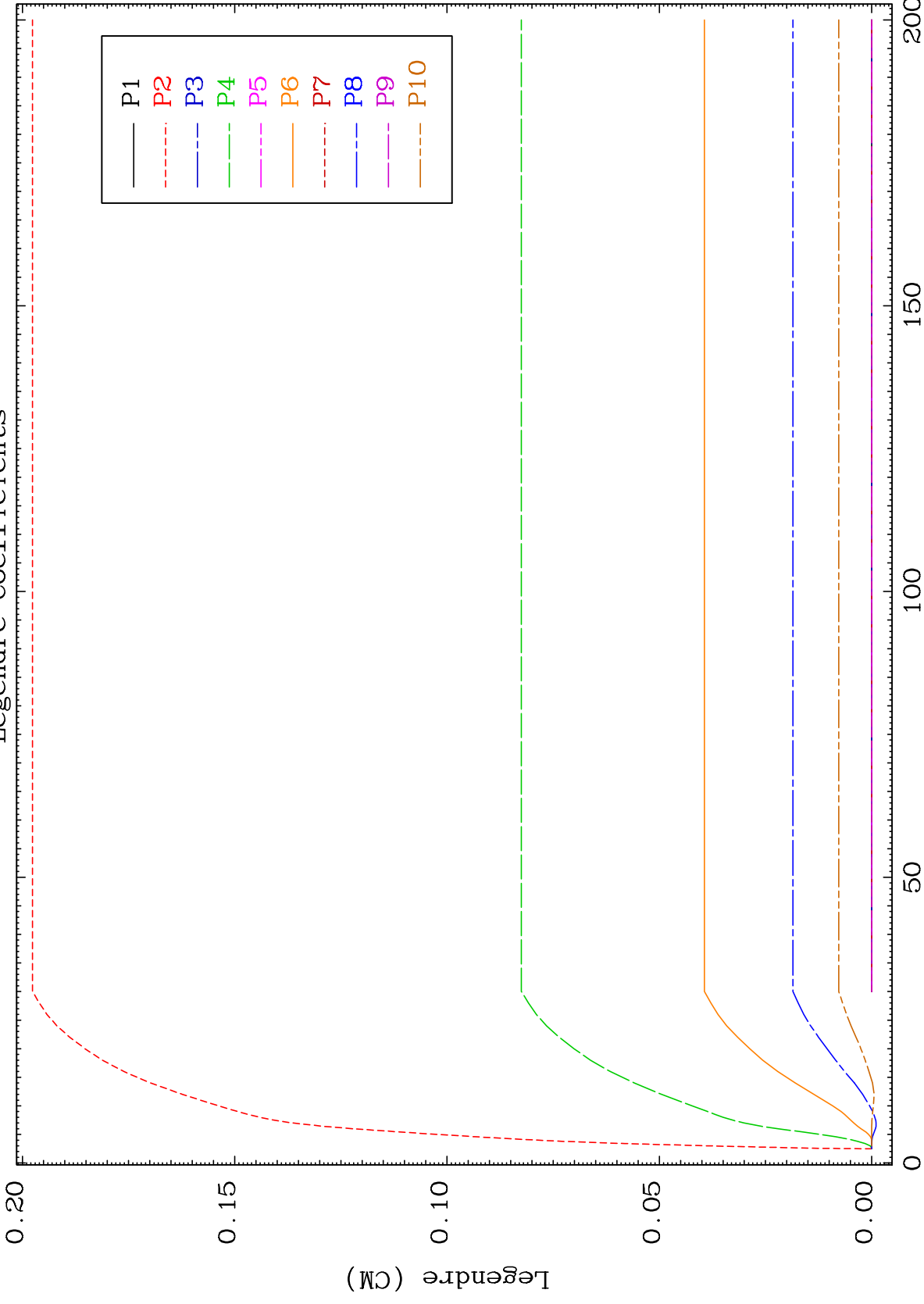
MT= 67 (n,n') Level
Legendre Coefficients

52-Te-120



MAT 5225 MT= 68 (n,n') Level Legendre Coefficients

52-Te-120



52-Te-120

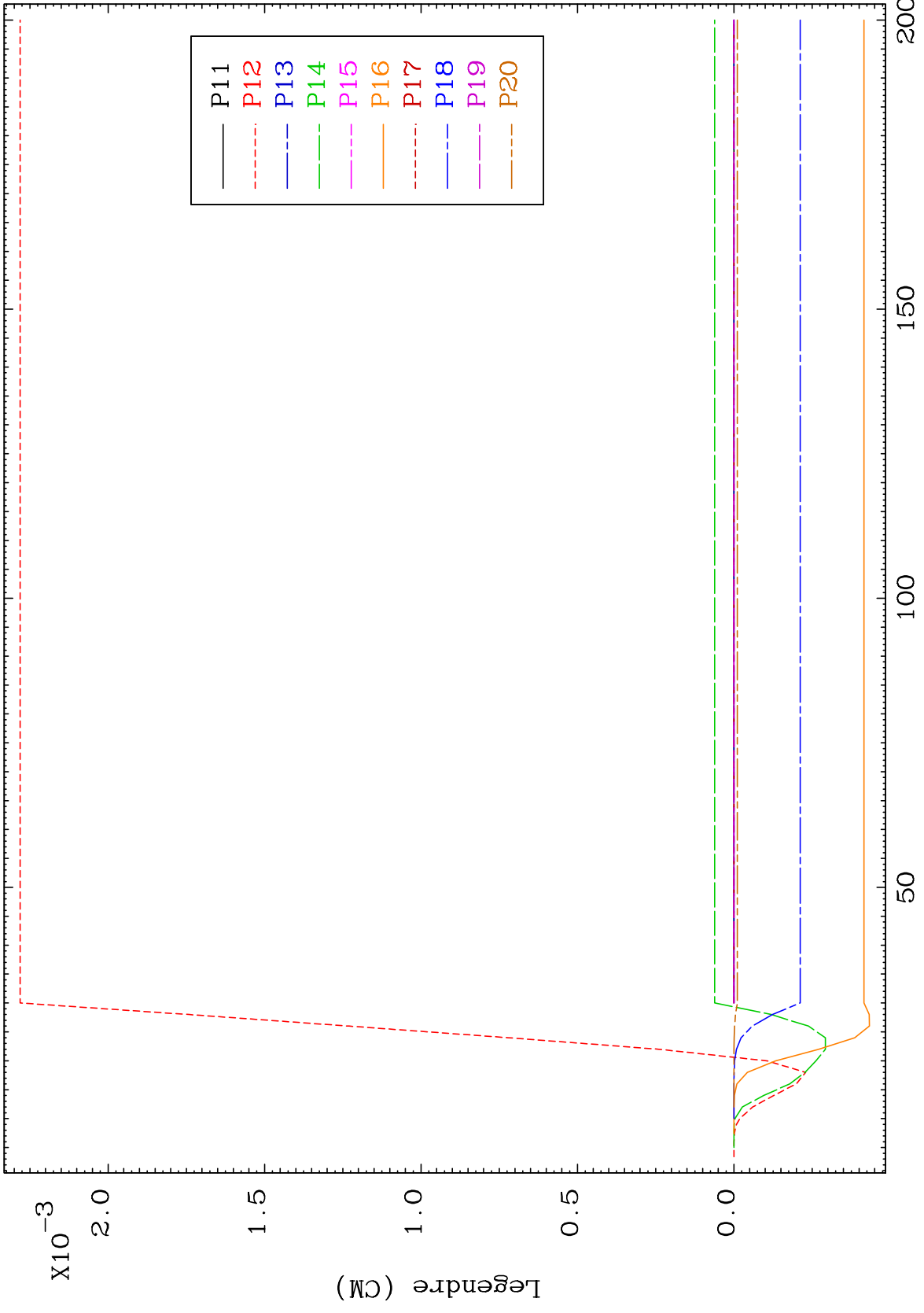
Incident Energy (MeV)

83

MAT 5225

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

52-Te-120

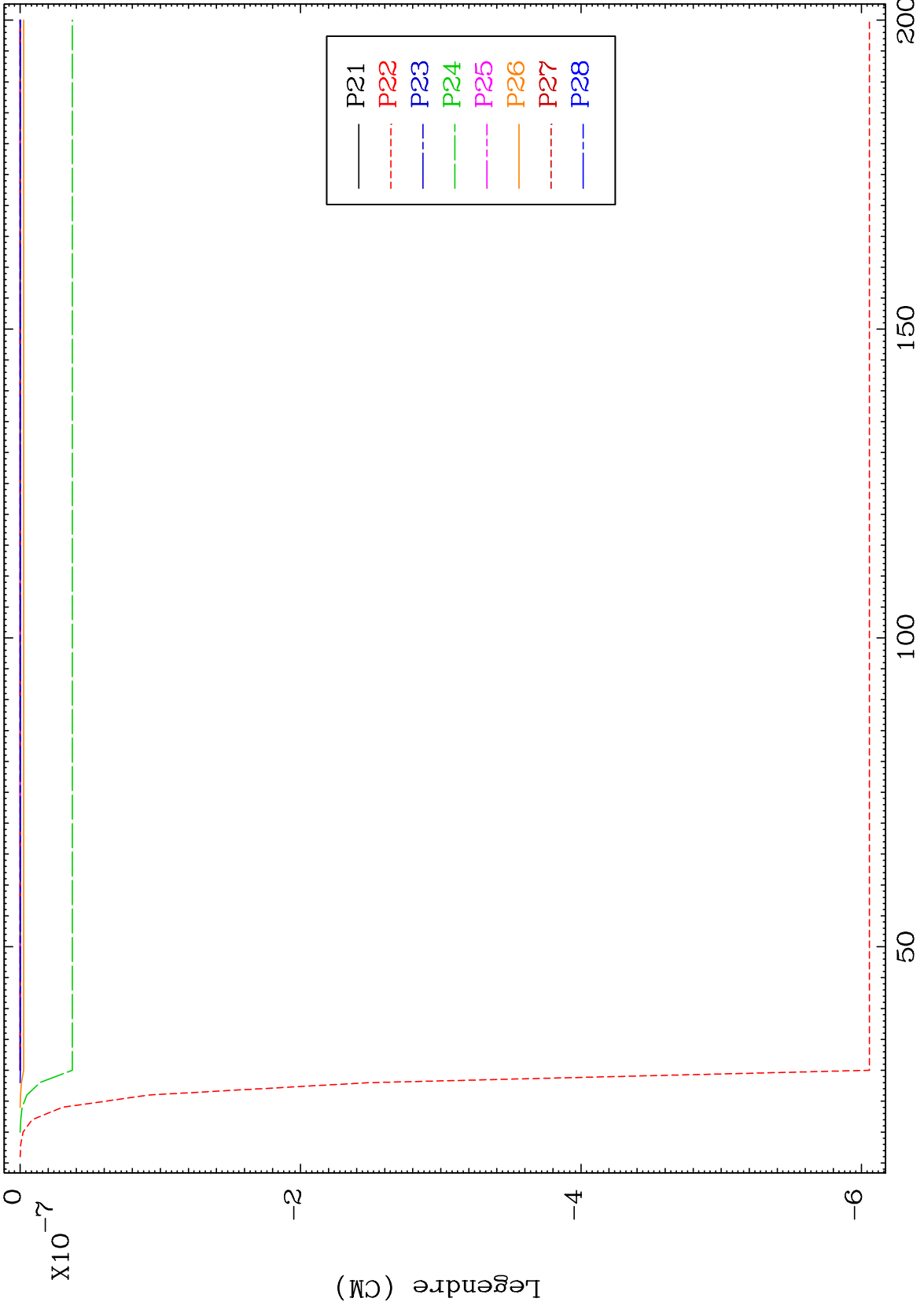


84

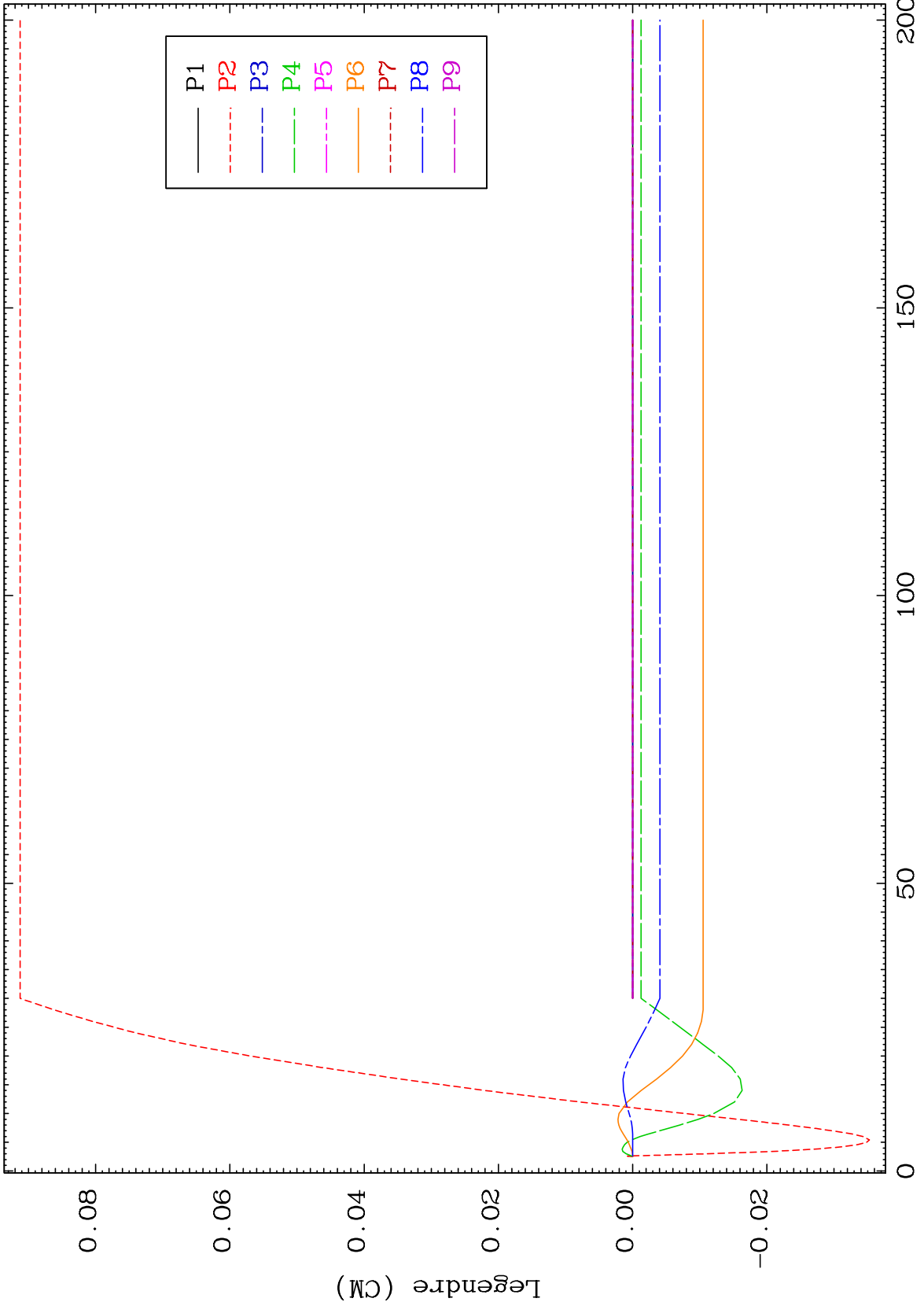
Incident Energy (MeV)

52-Te-120

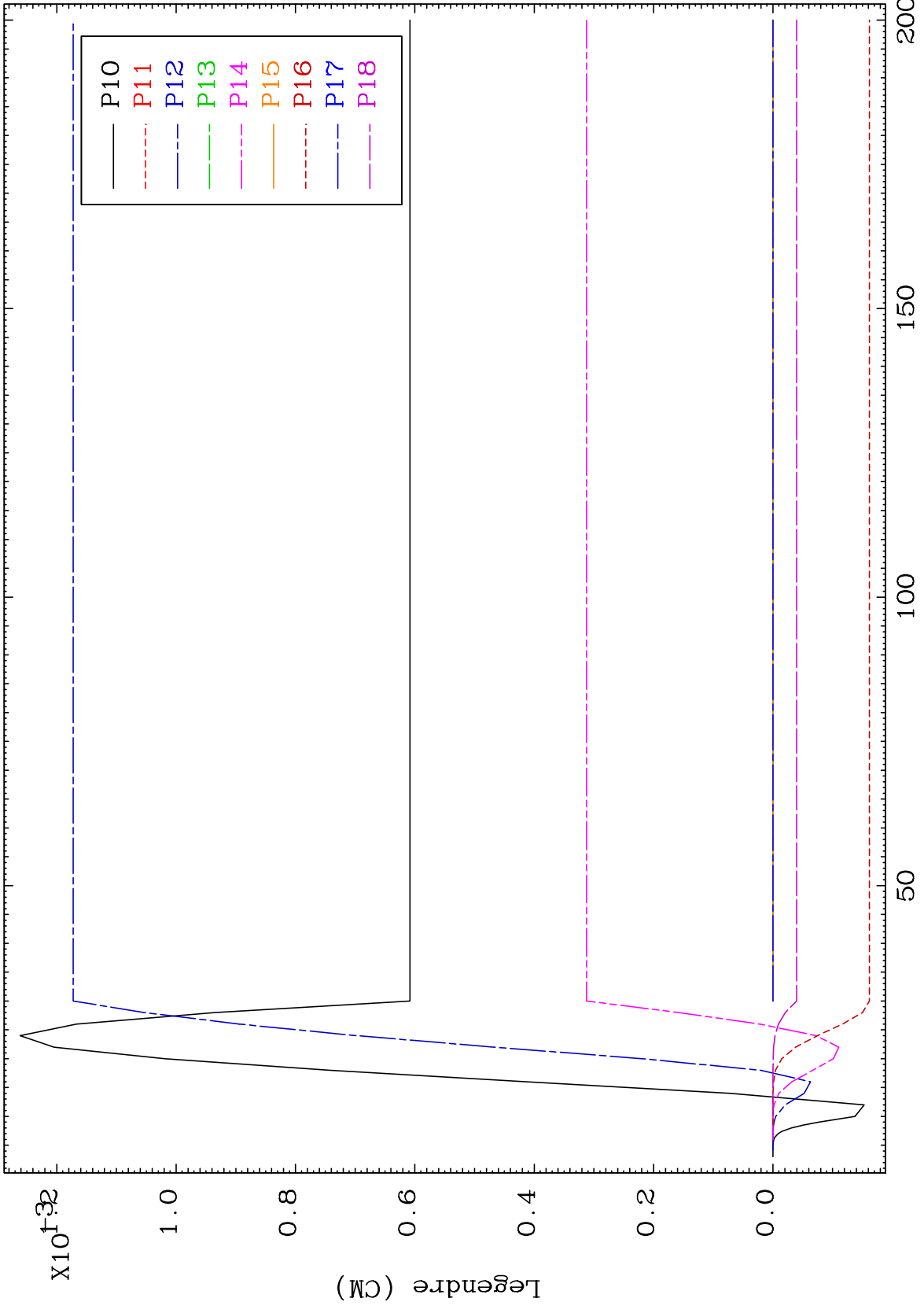
MAT 5225 MT= 68 (n,n') Level Legendre Coefficients 52-Te-120



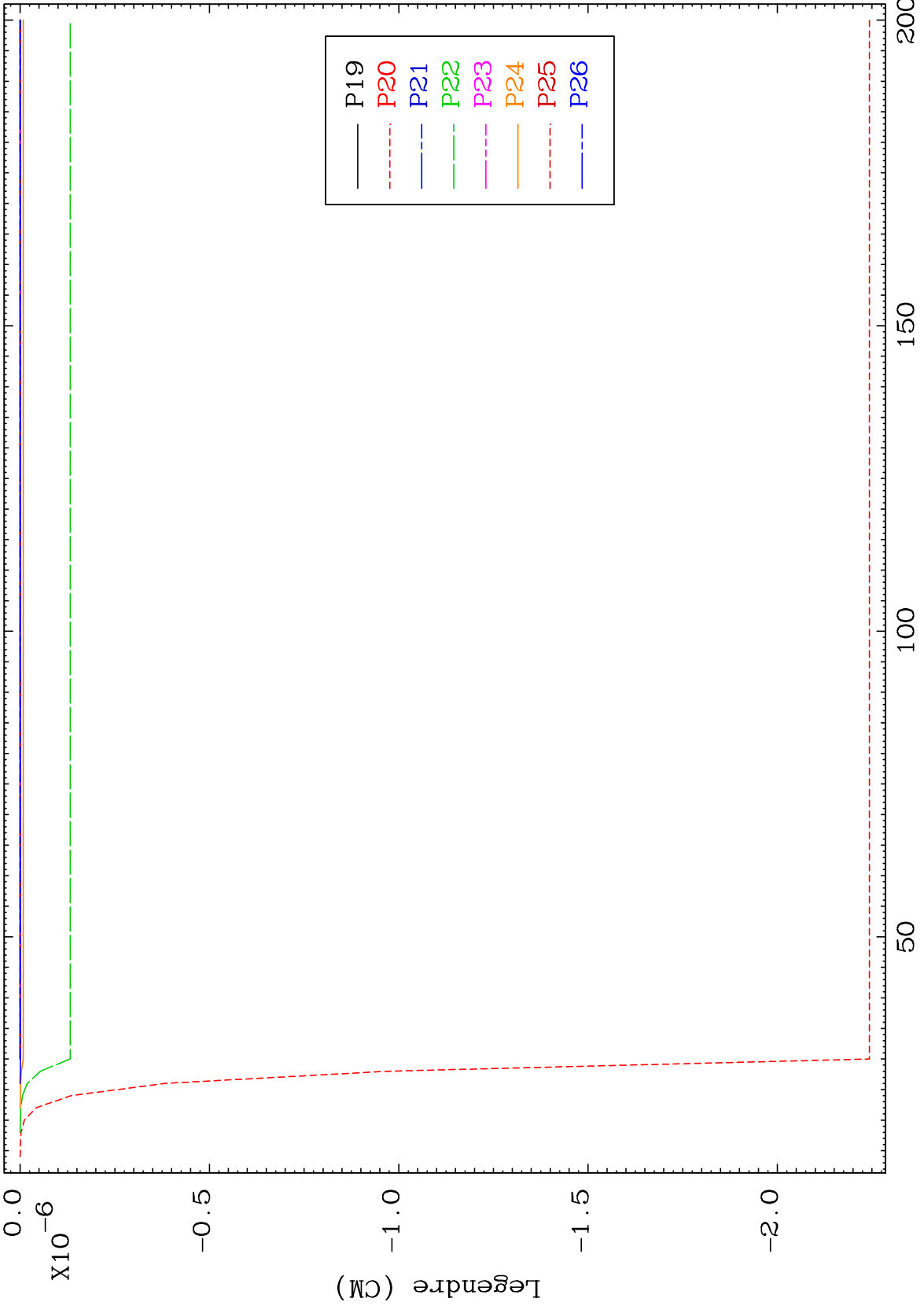
MAT 5225 MT= 69 (n,n') Level Legendre Coefficients 52-Te-120



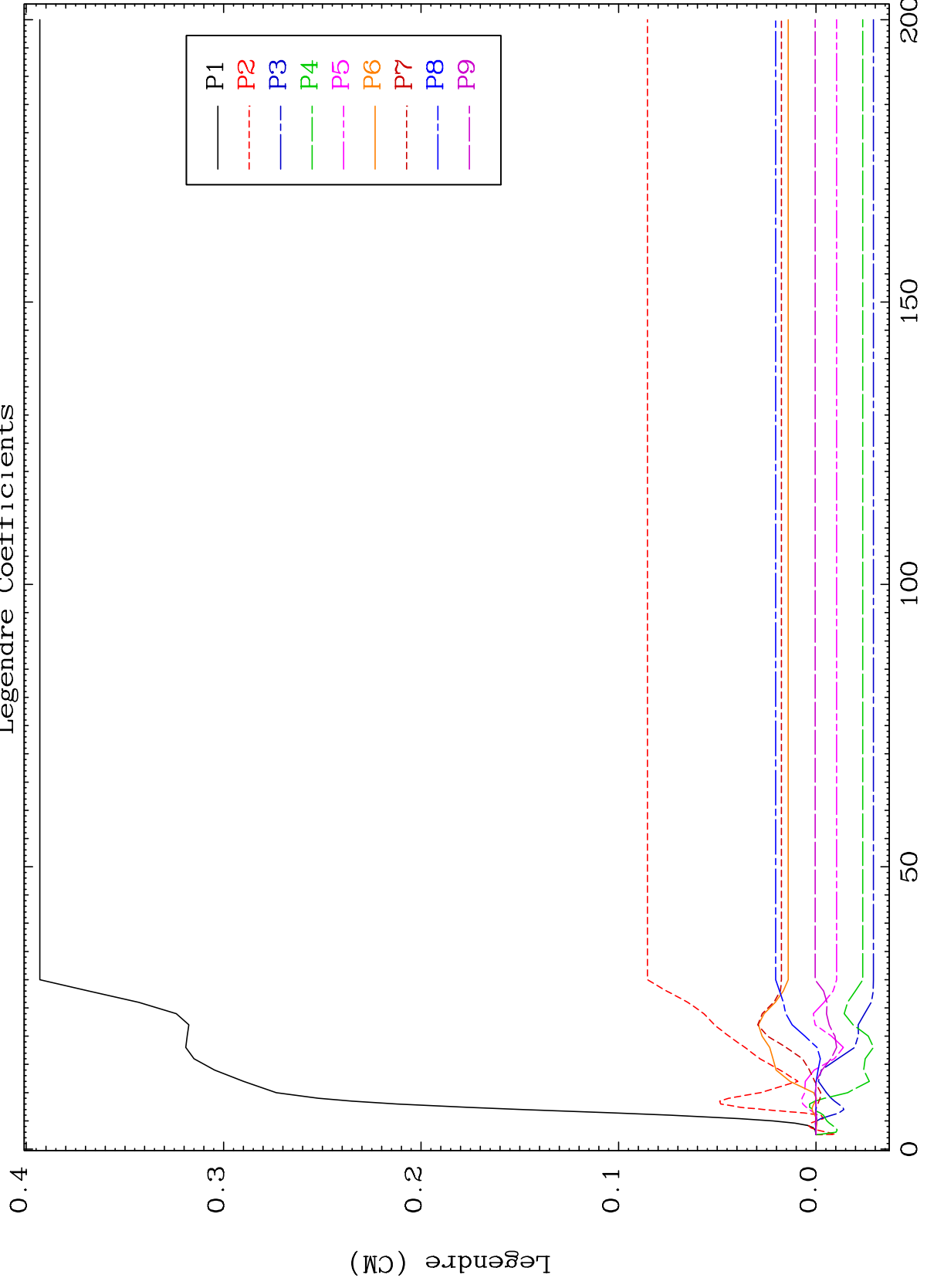
MAT 5225 MT= 69 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225 MT= 69 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225 MT= 70 (n,n') Level Legendre Coefficients 52-Te-120

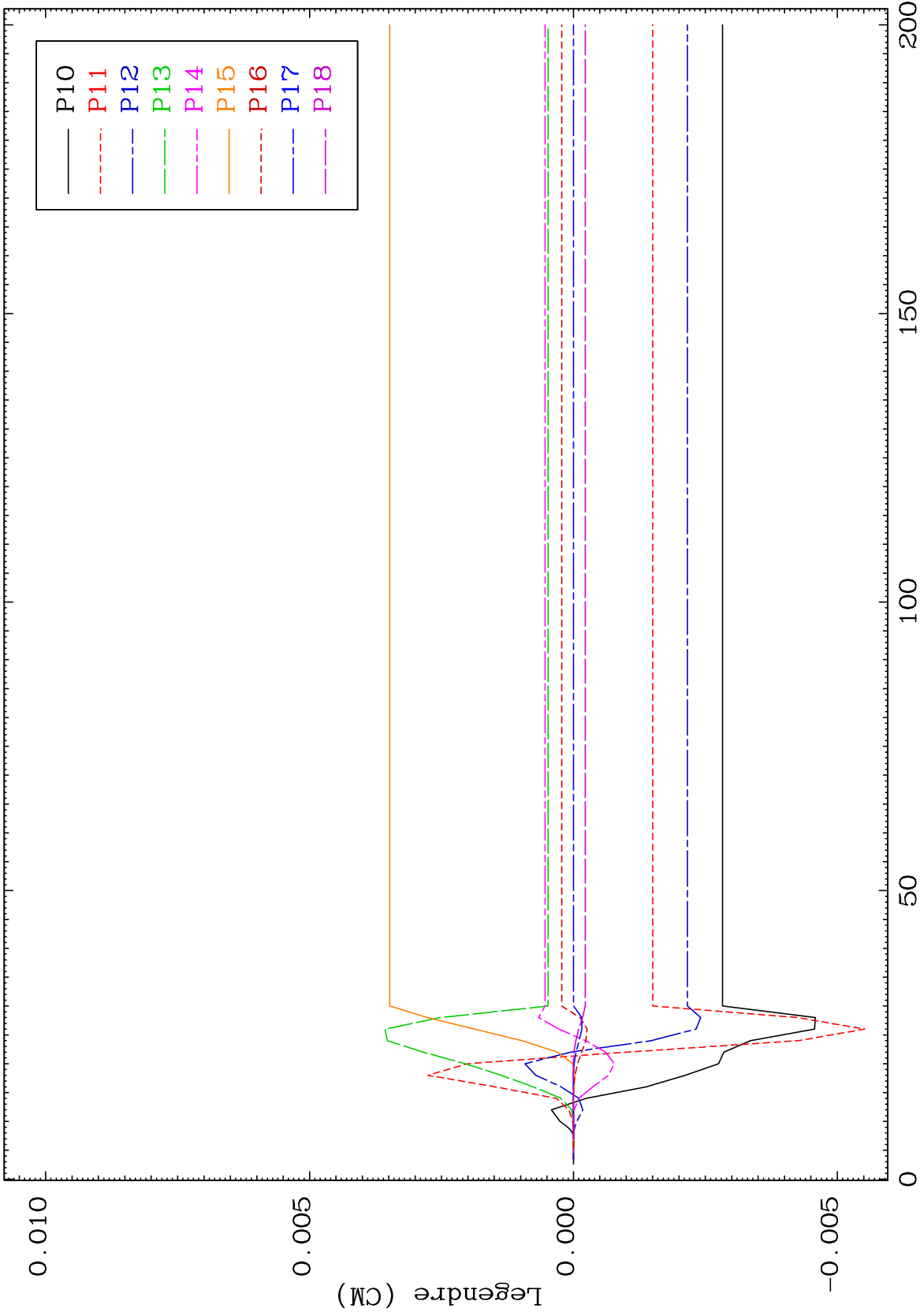


89 52-Te-120

MAT 5225

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

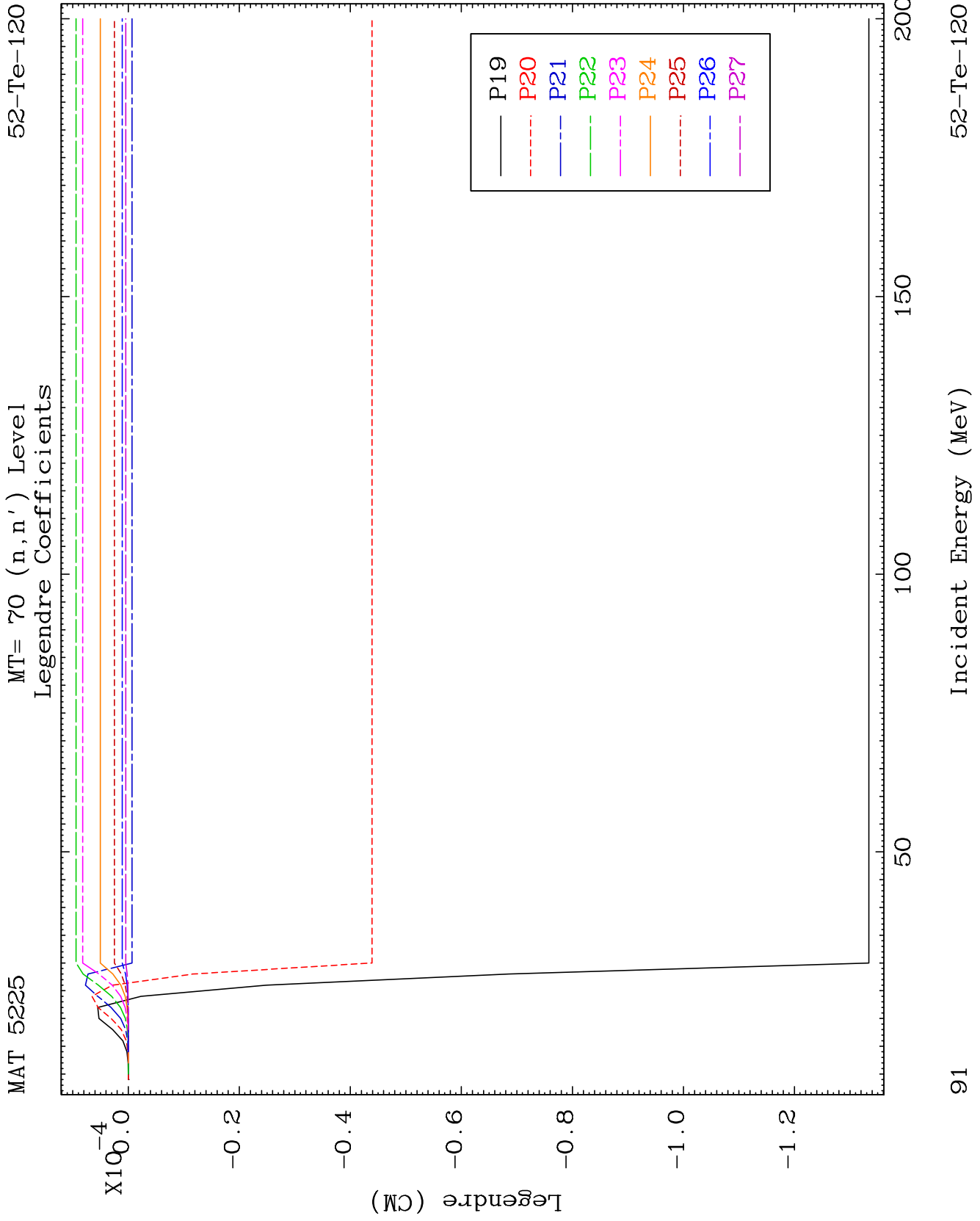
52-Te-120



90

Incident Energy (MeV)

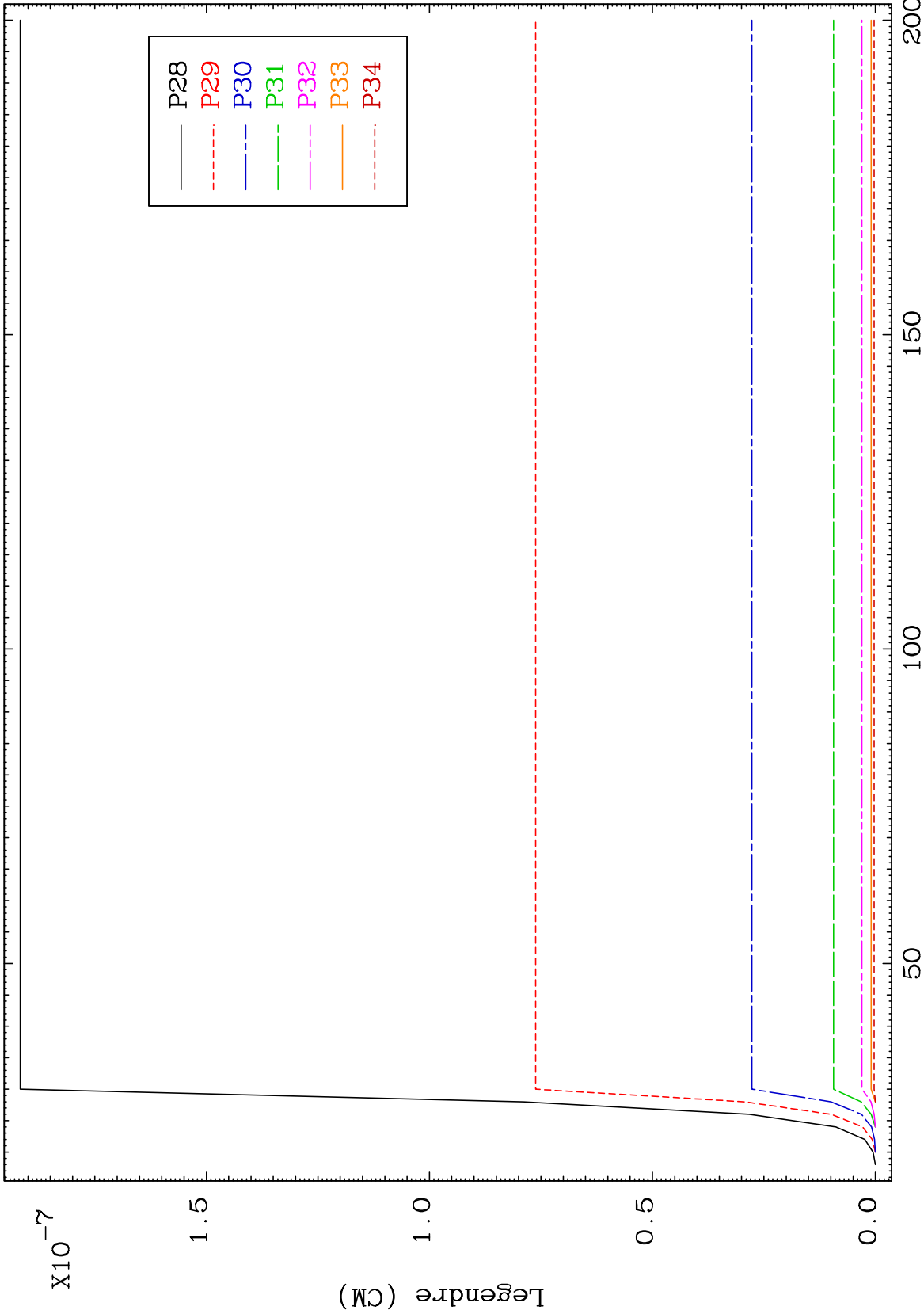
52-Te-120



MAT 5225

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

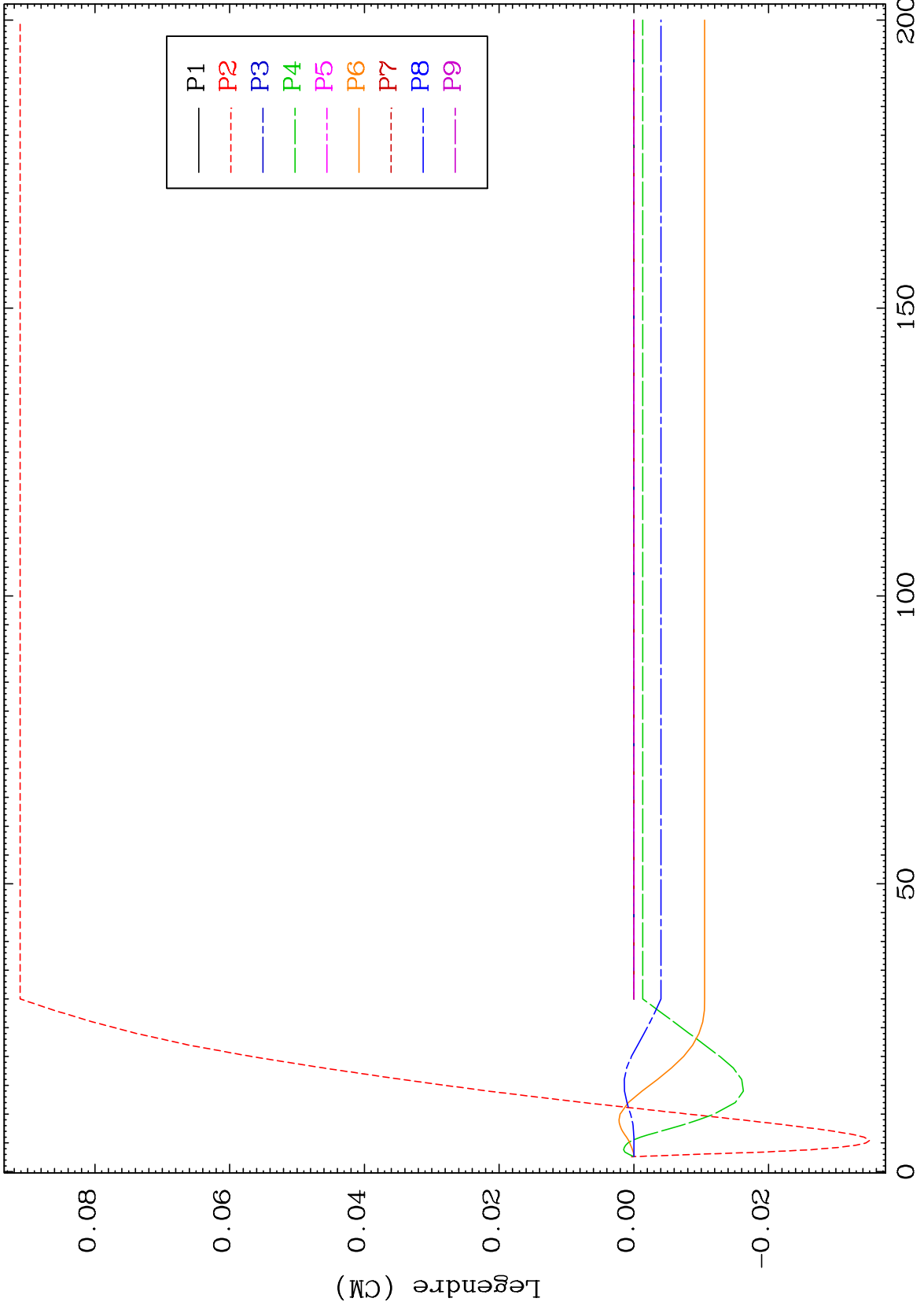
52-Te-120



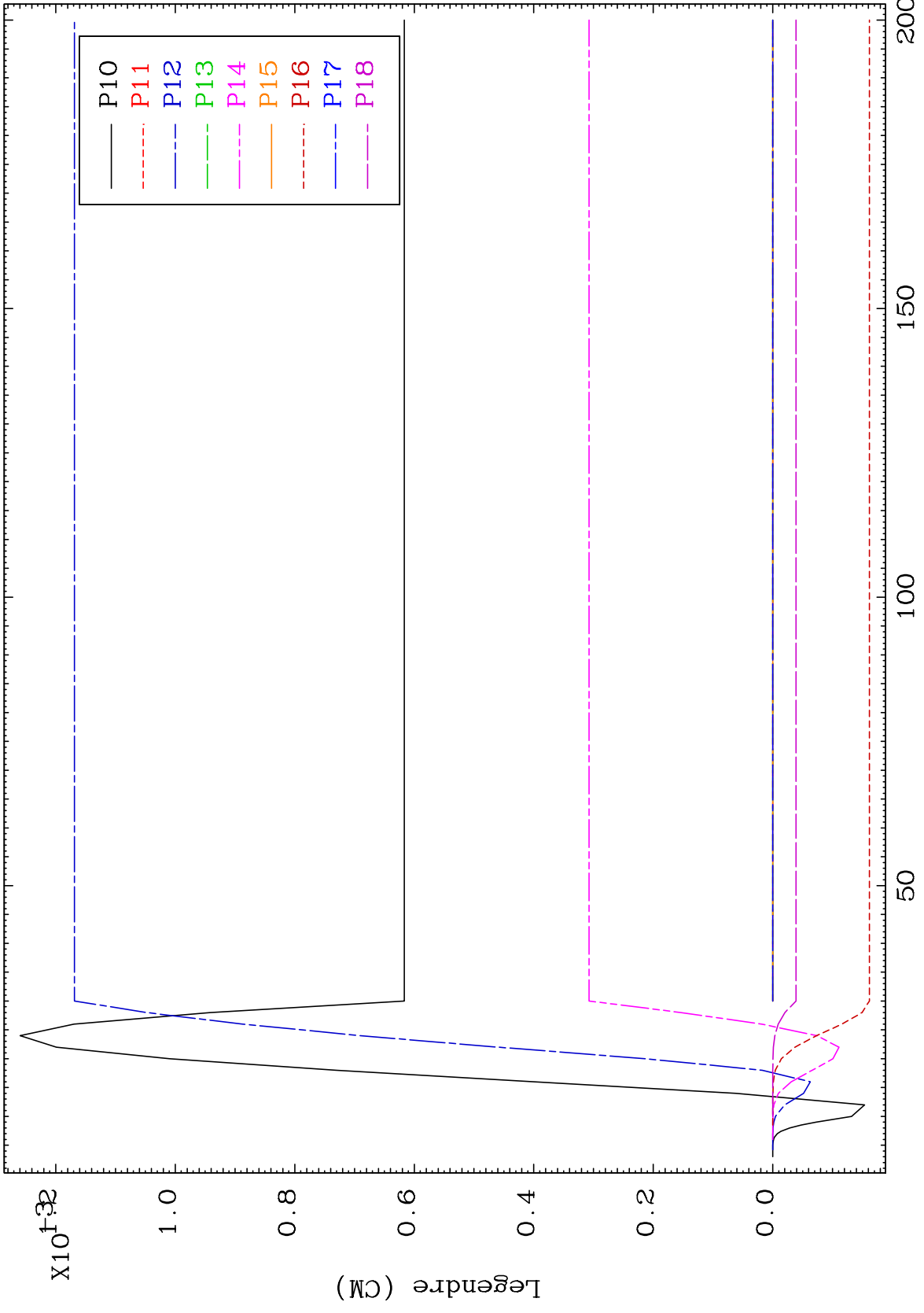
92

52-Te-120

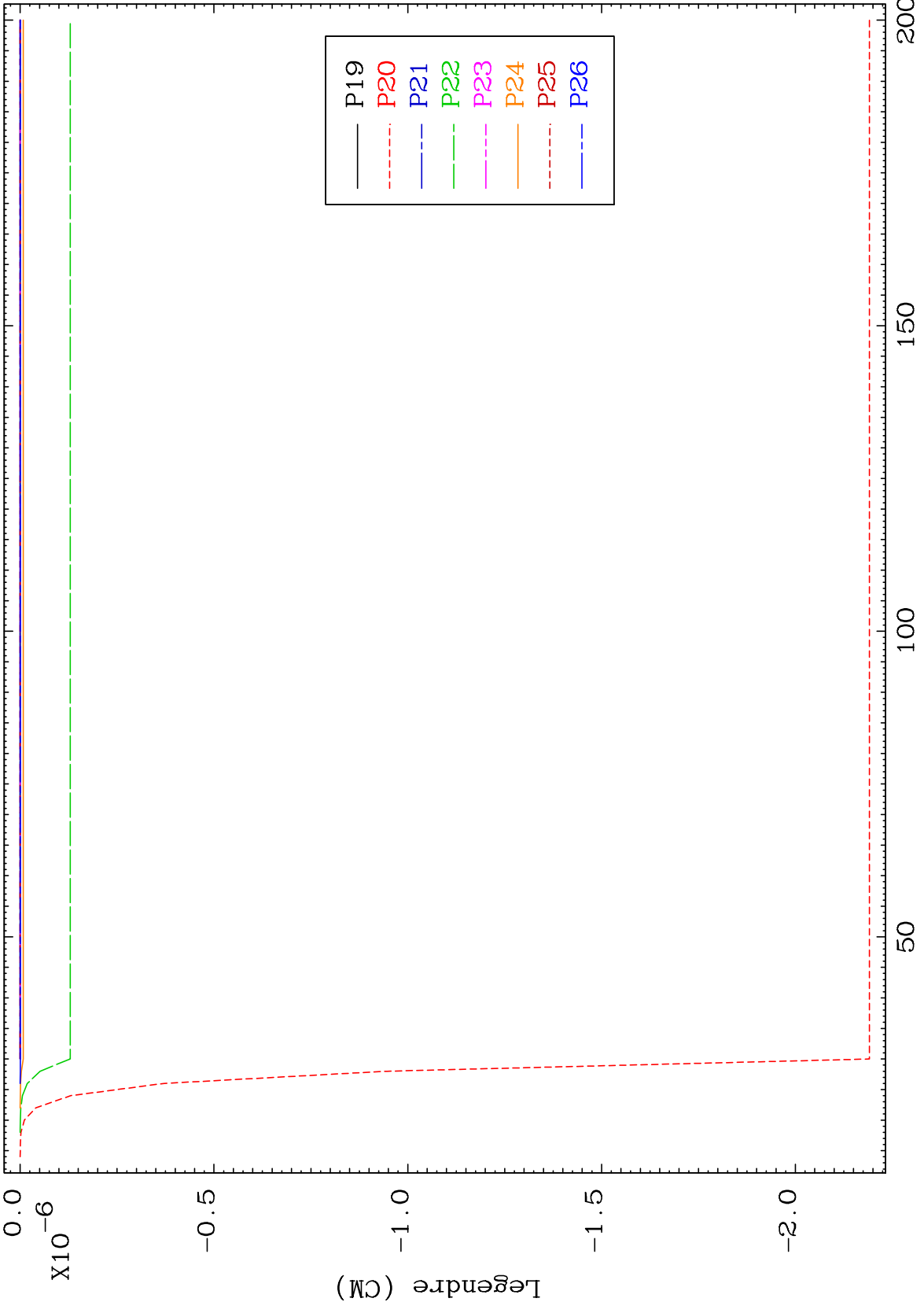
MAT 5225 MT= 71 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225 MT= 71 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225 MT= 71 (n,n') Level Legendre Coefficients 52-Te-120

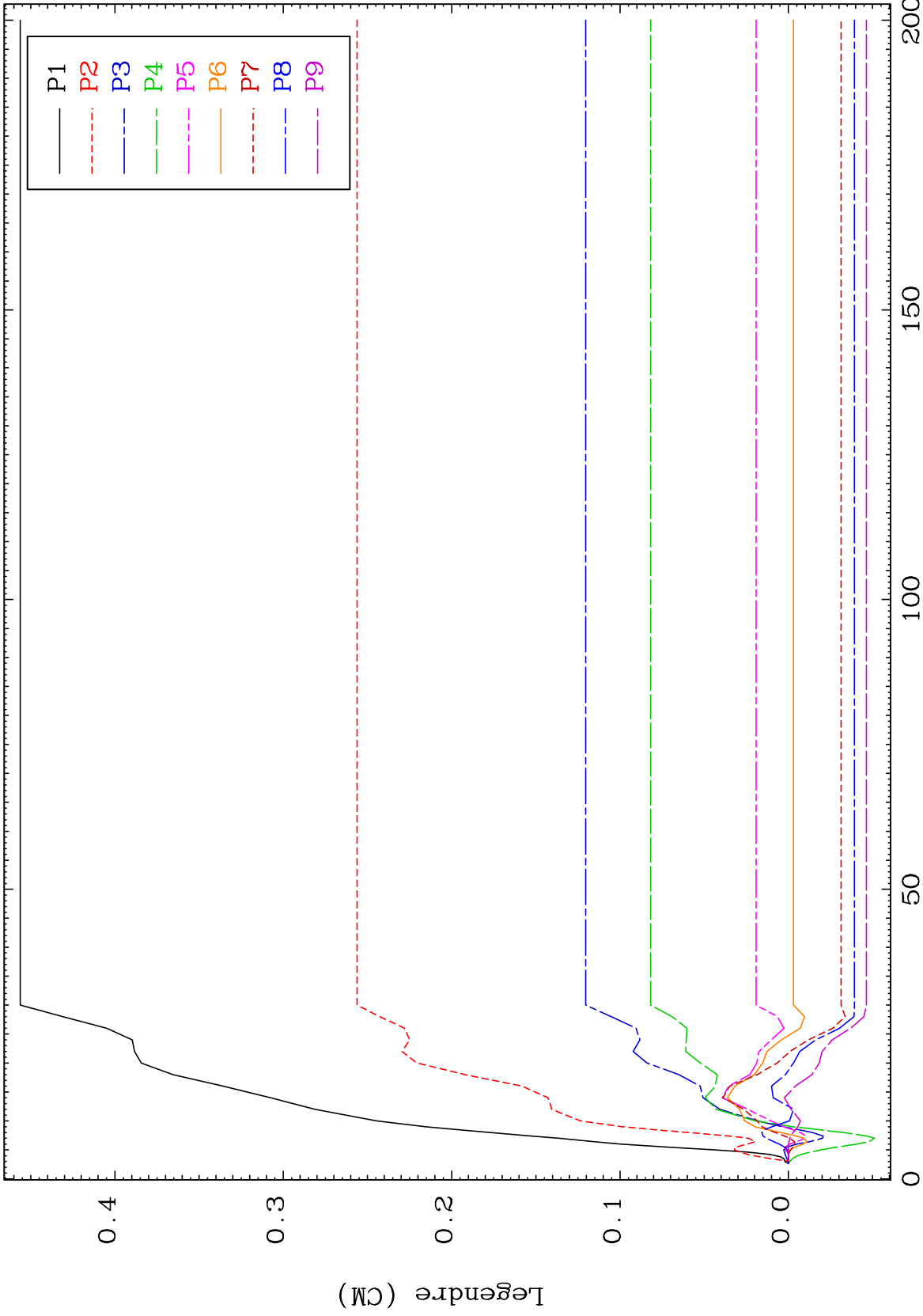


95 52-Te-120

MAT 5225

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

52-Te-120



96

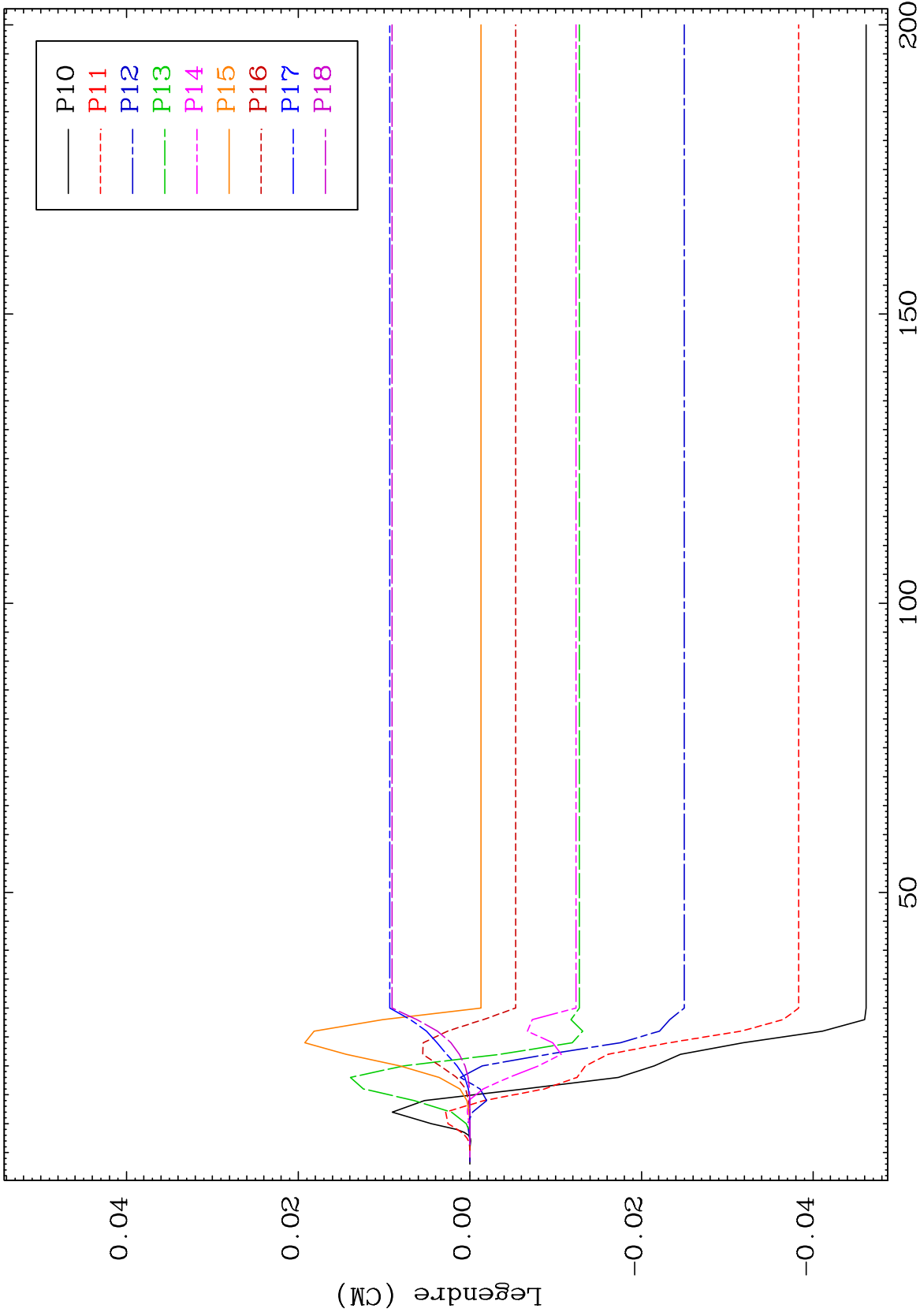
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



97

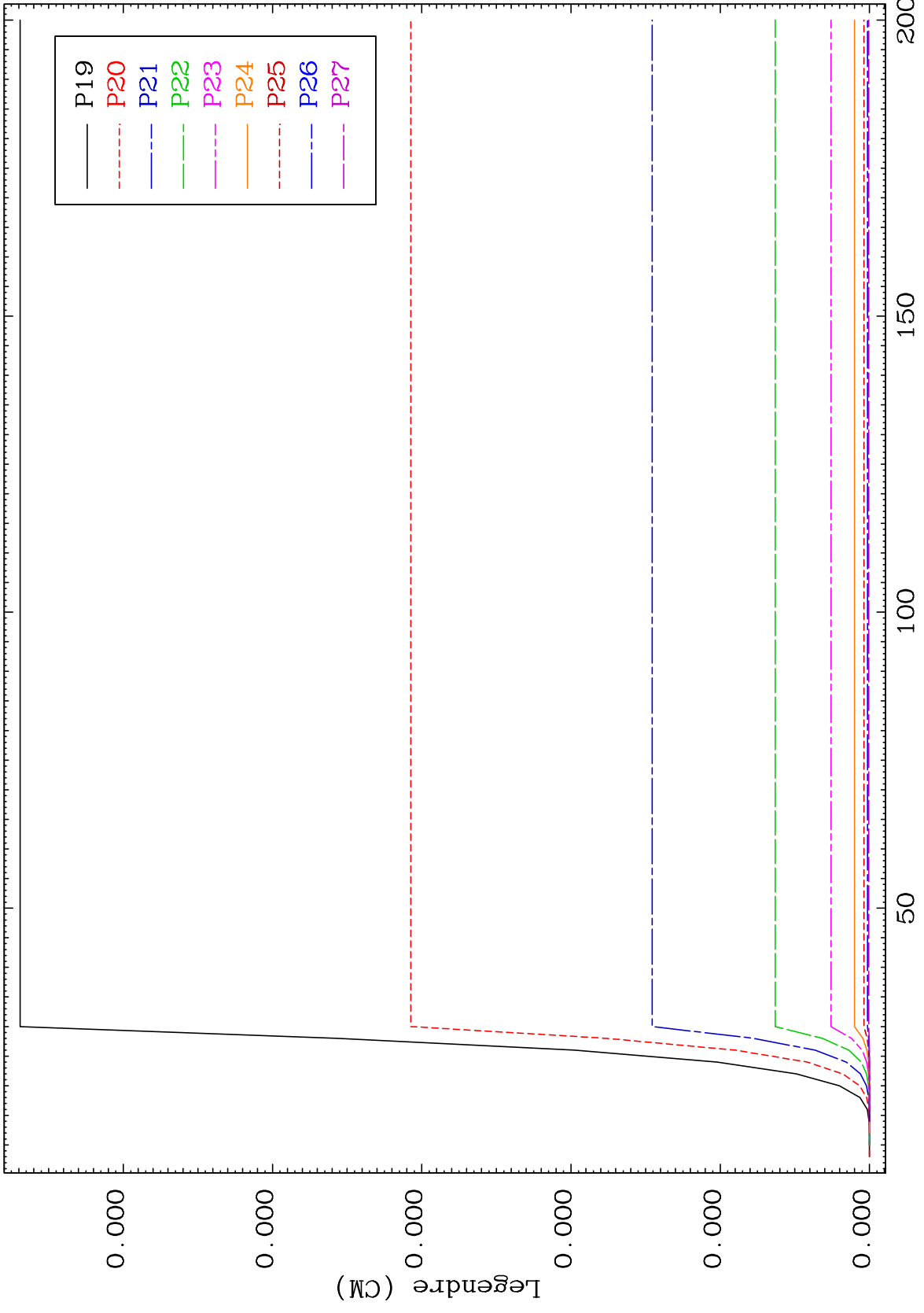
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



98

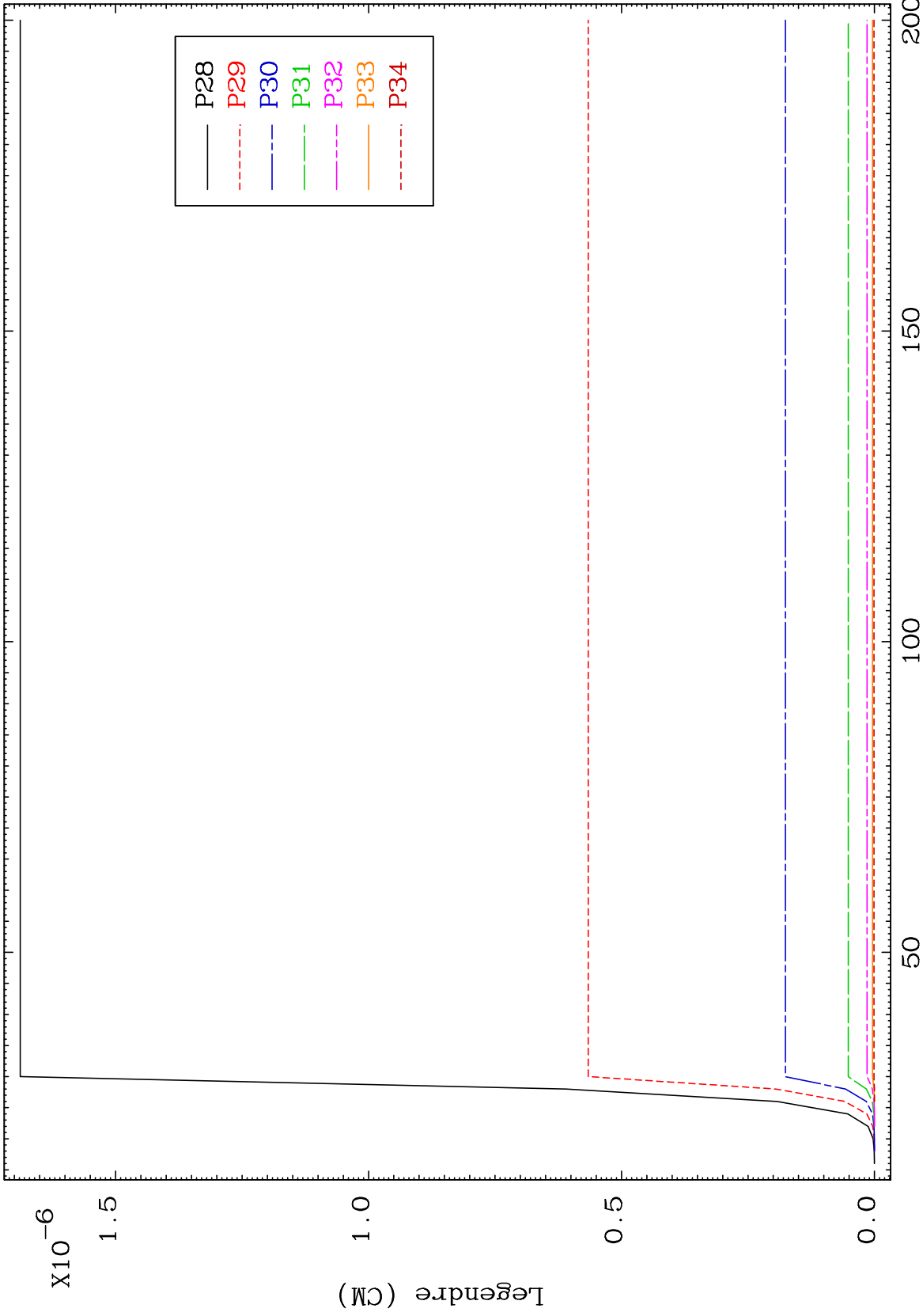
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



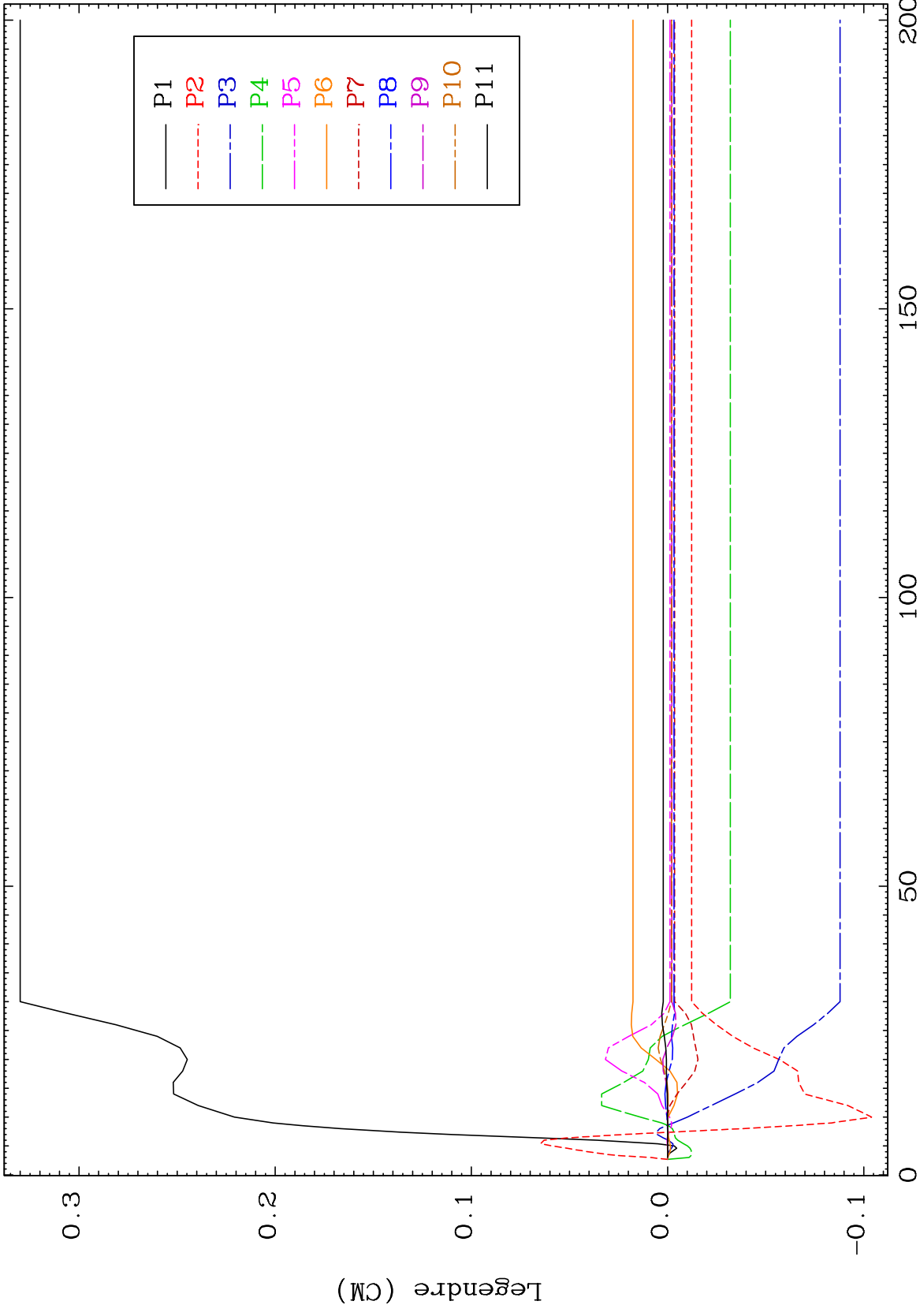
99

52-Te-120

MAT 5225

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

52-Te-120



52-Te-120

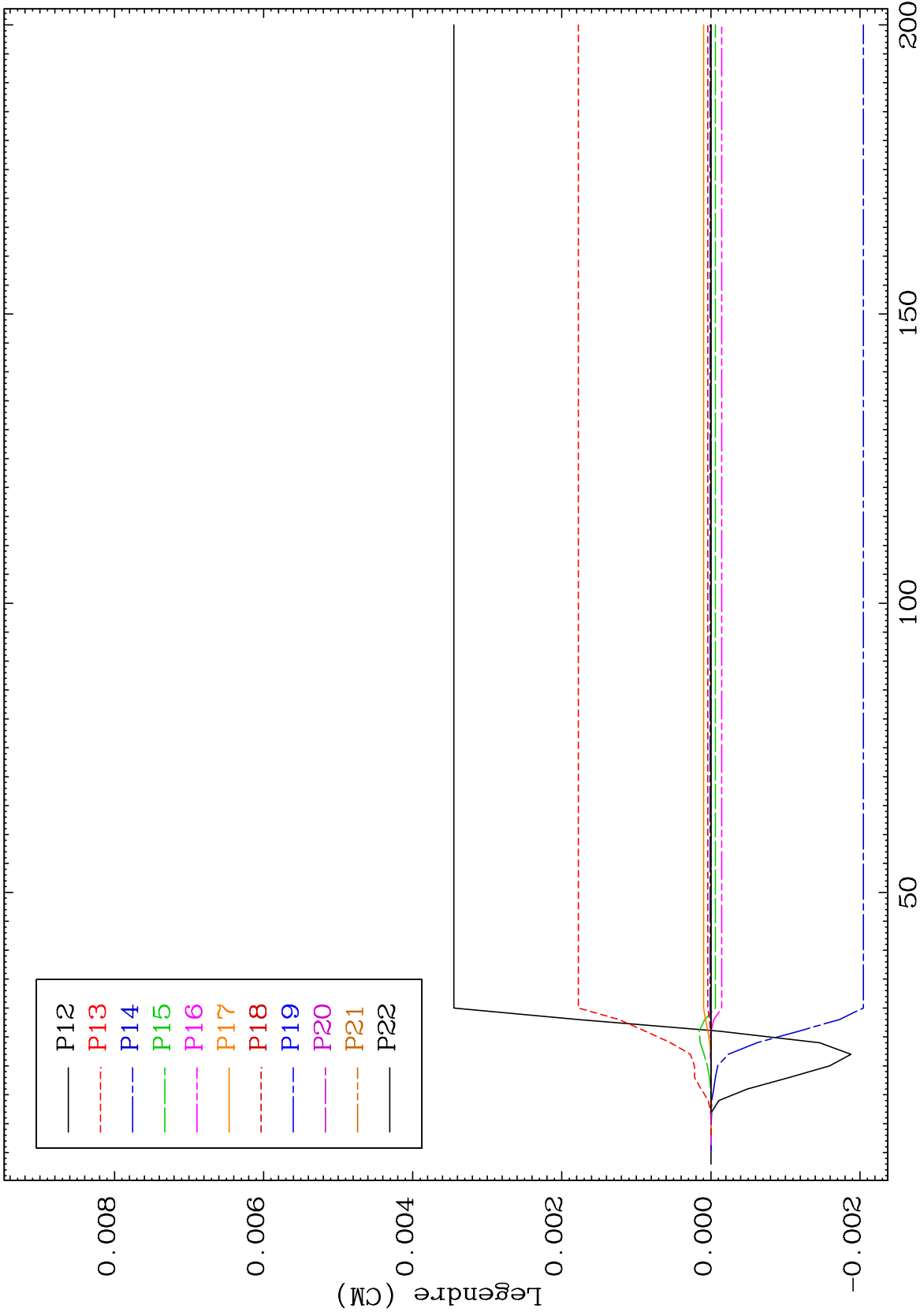
Incident Energy (MeV)

100

MAT 5225

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

52-Te-120

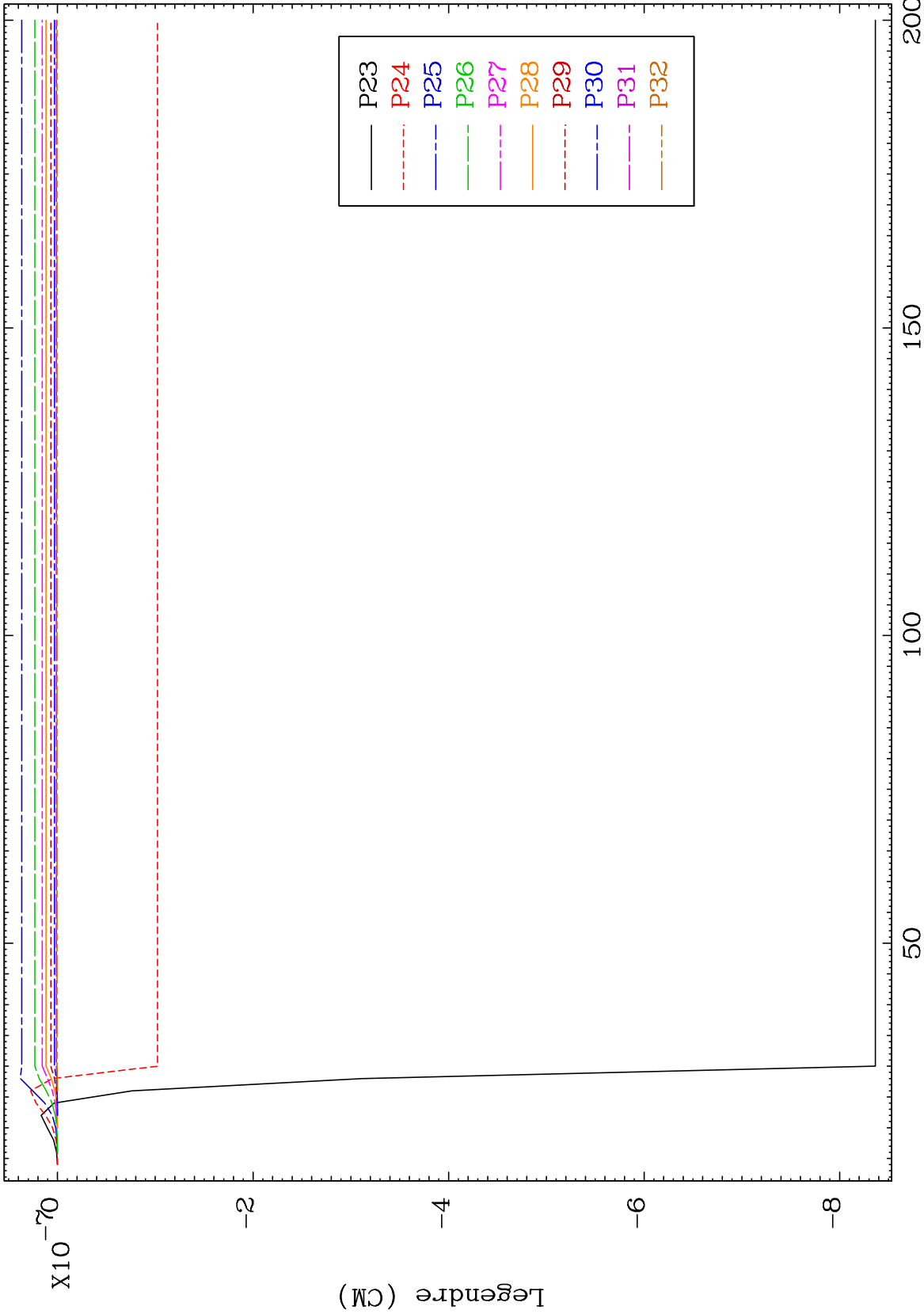


101

Incident Energy (MeV)

52-Te-120

MAT 5225 MT= 73 (n,n') Level Legendre Coefficients 52-Te-120

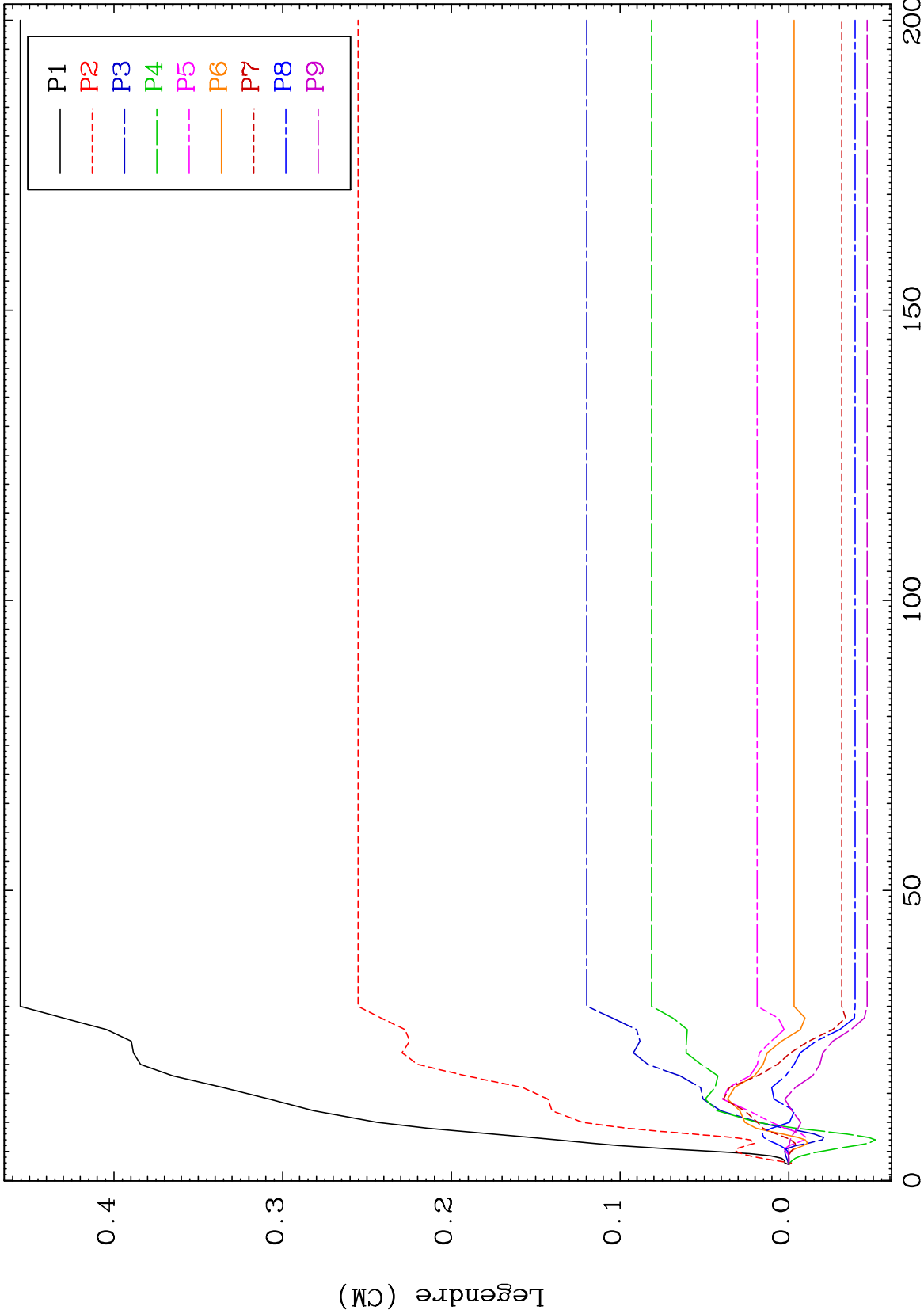


102 Incident Energy (MeV) 52-Te-120

MAT 5225

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

52-Te-120



103

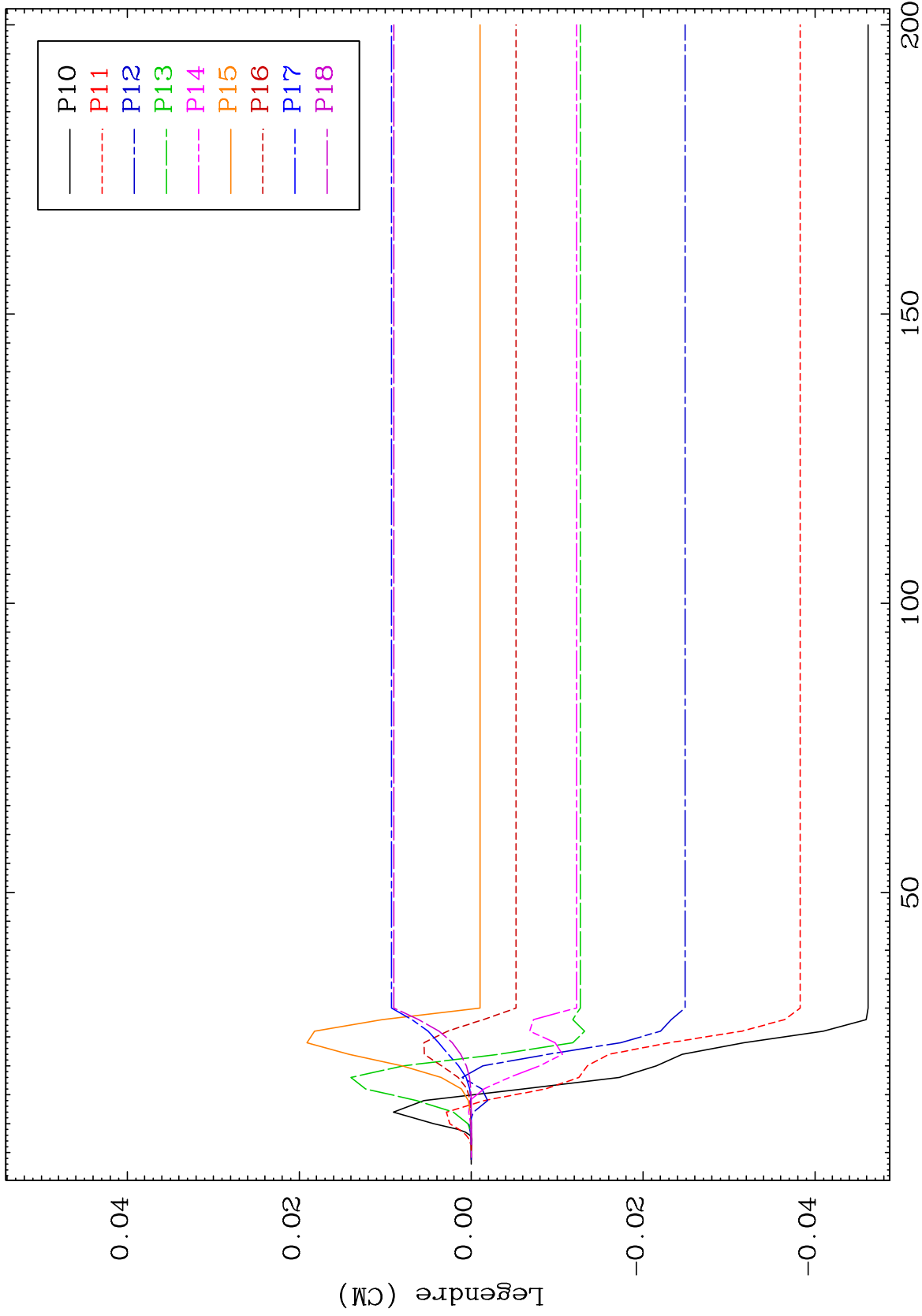
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



104

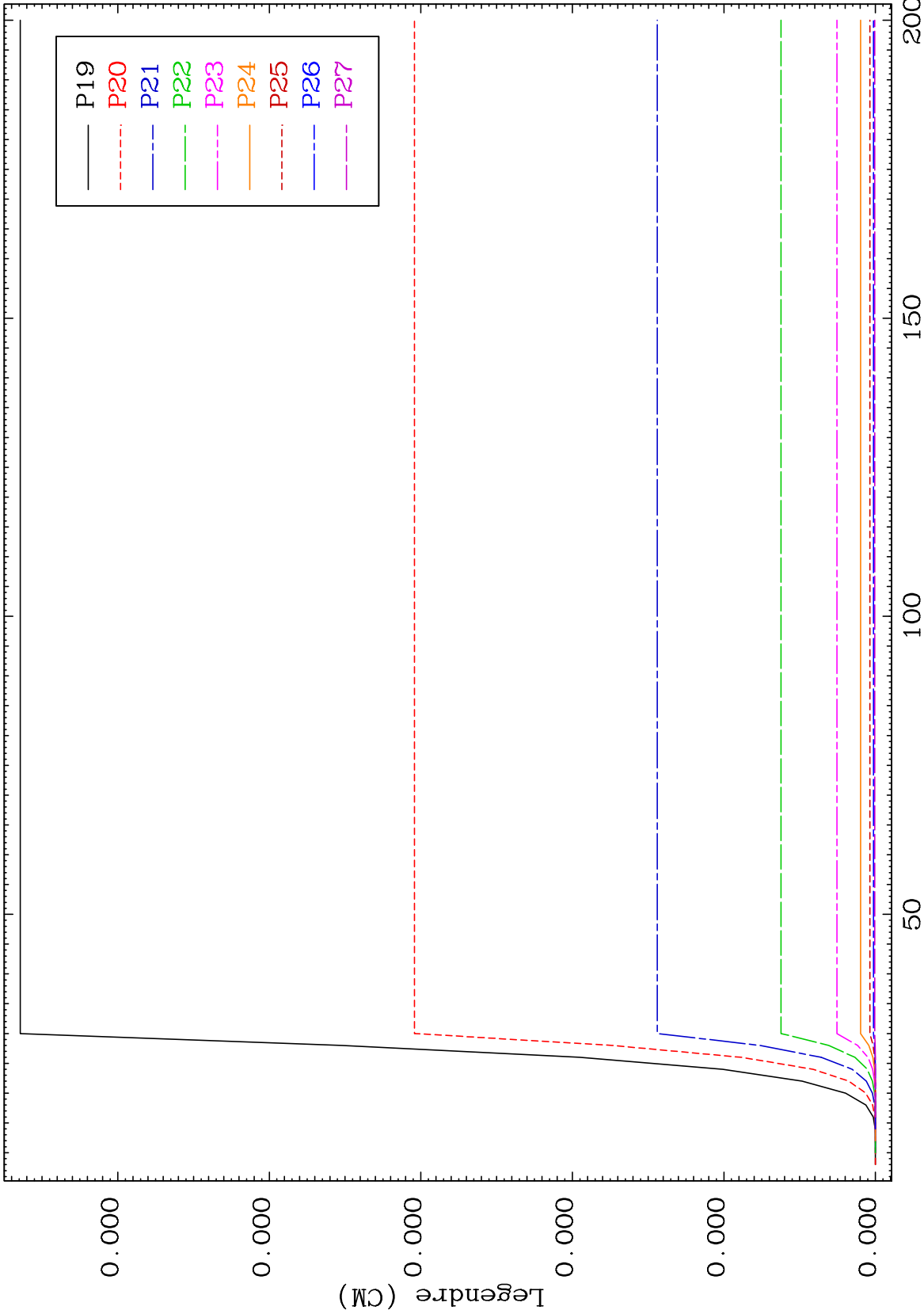
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



105

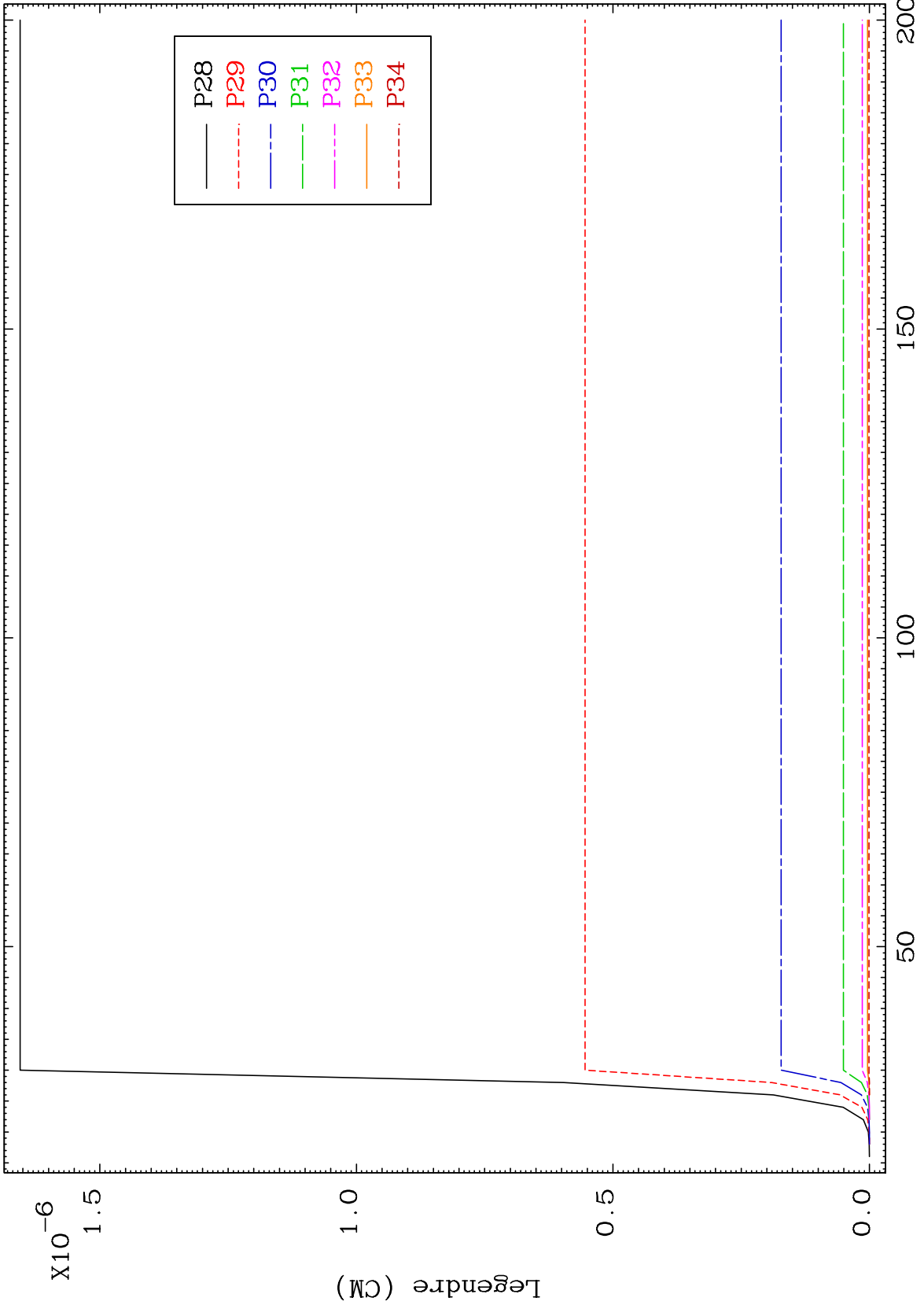
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



106

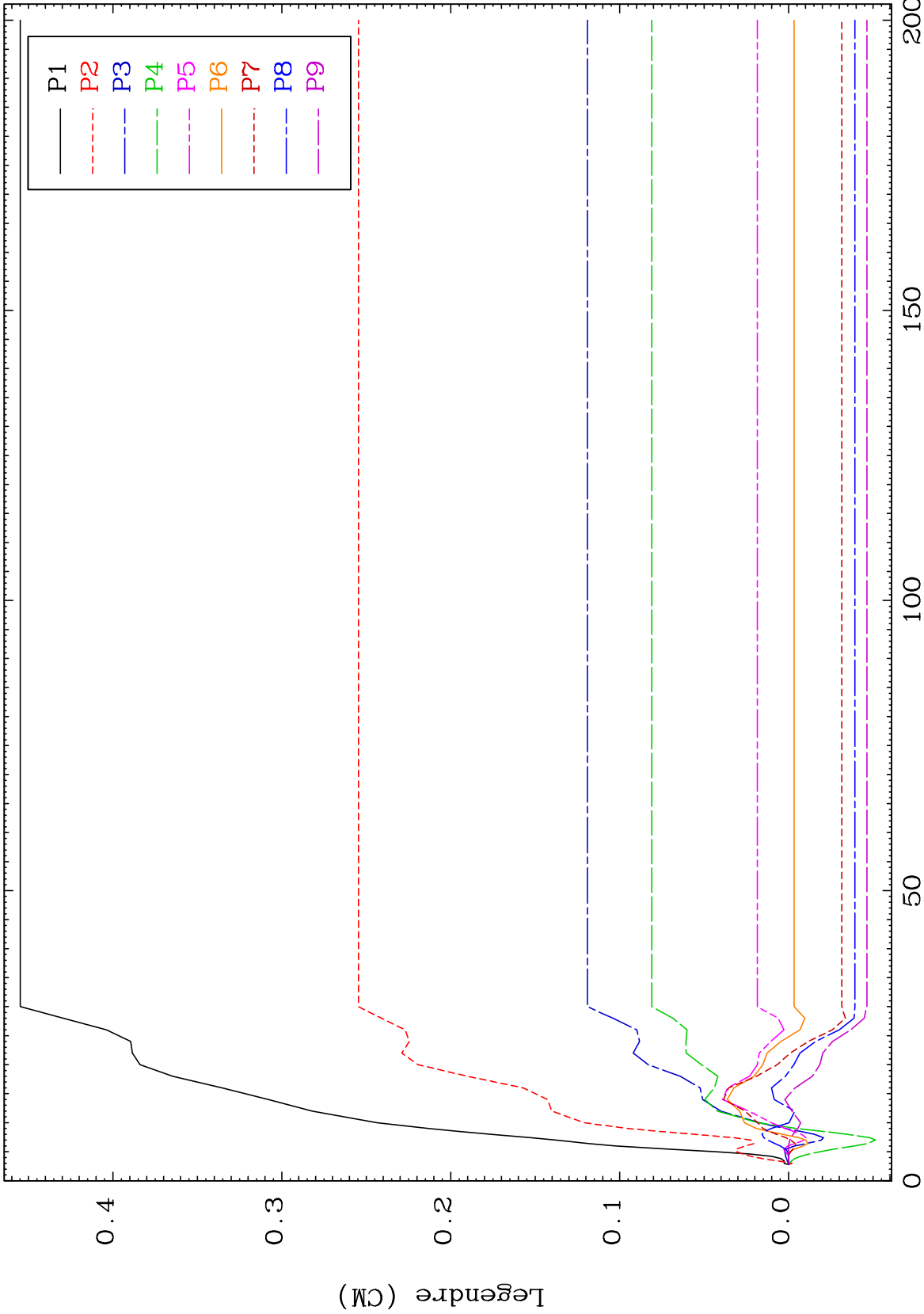
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



107

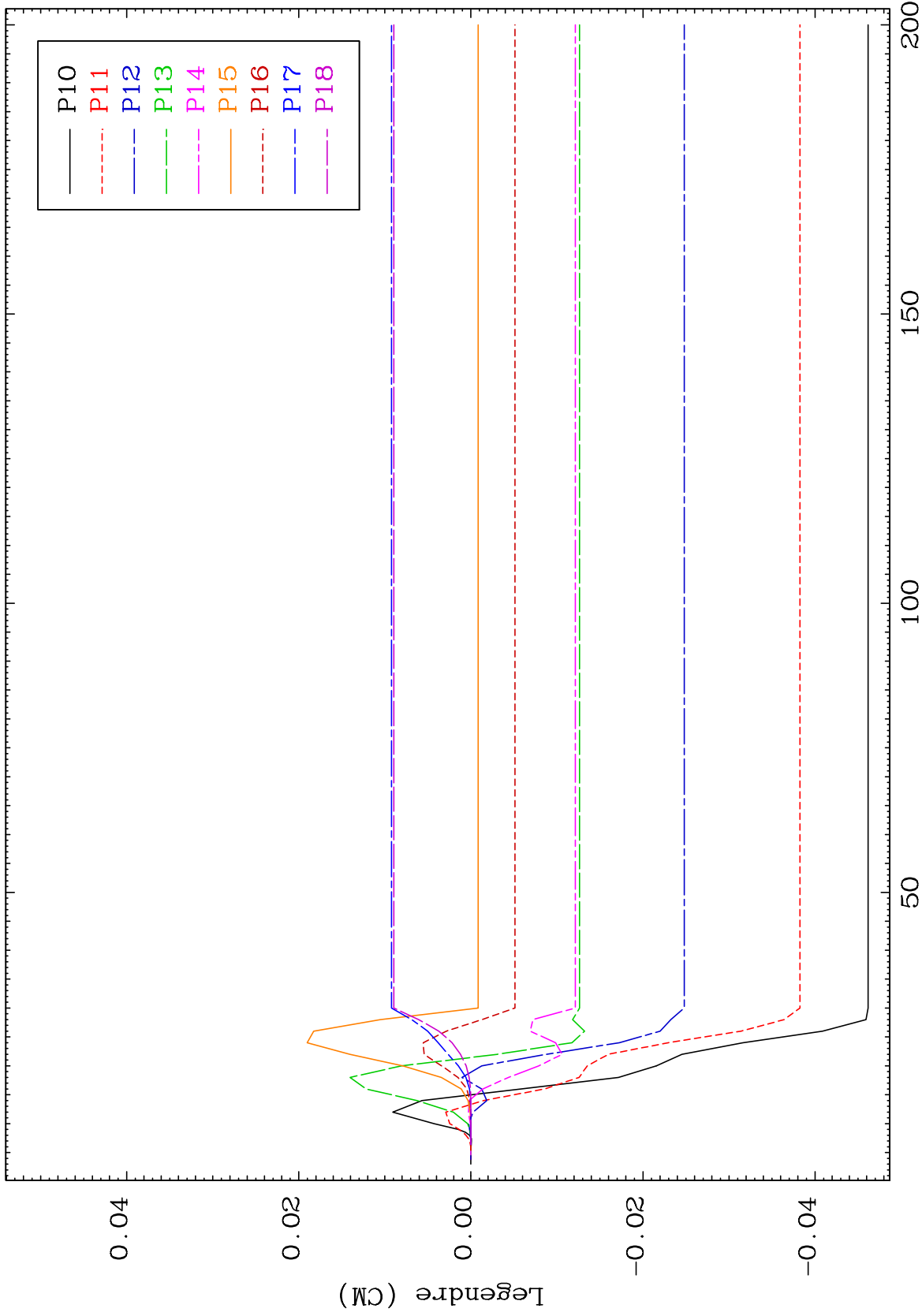
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



108

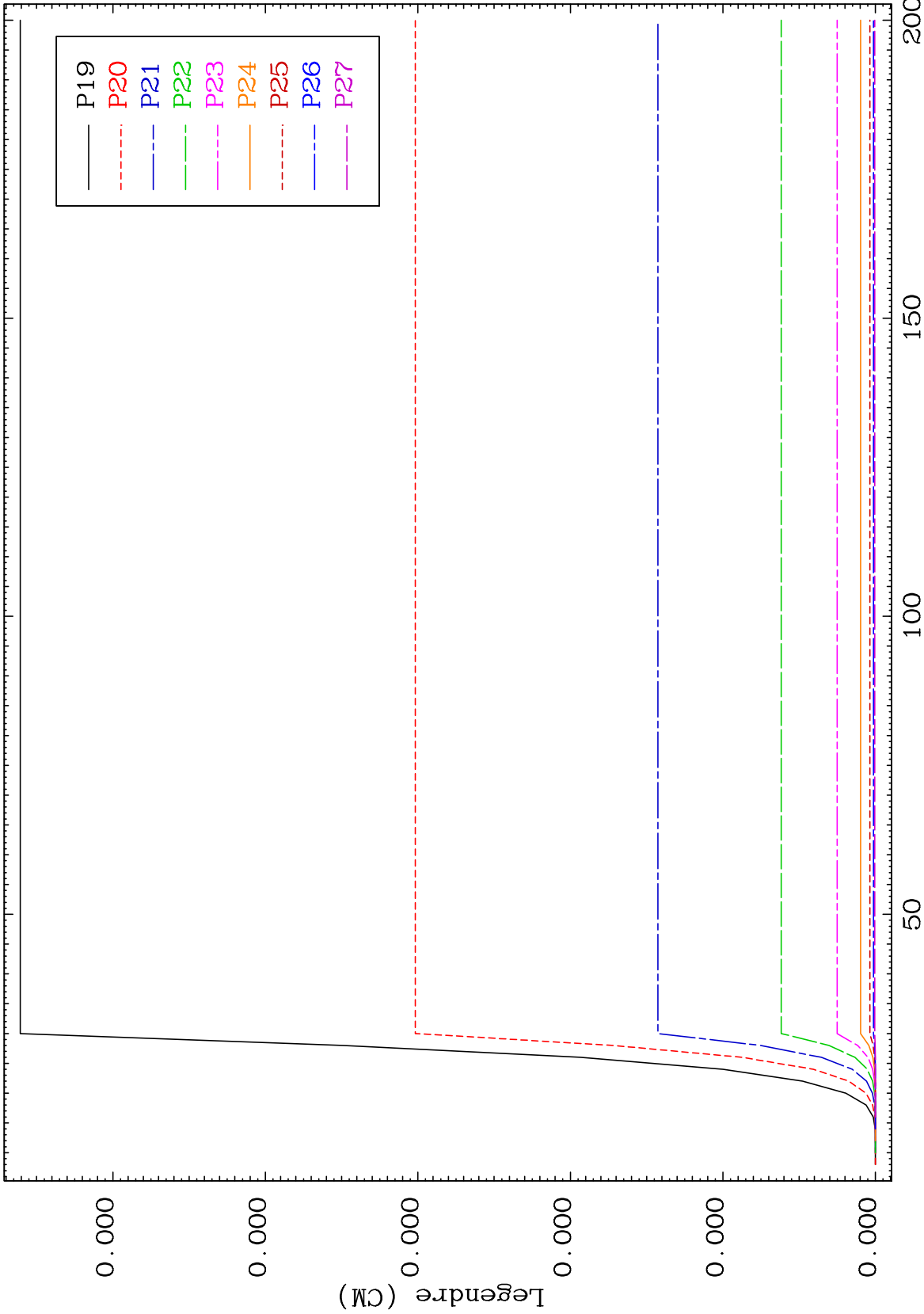
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



109

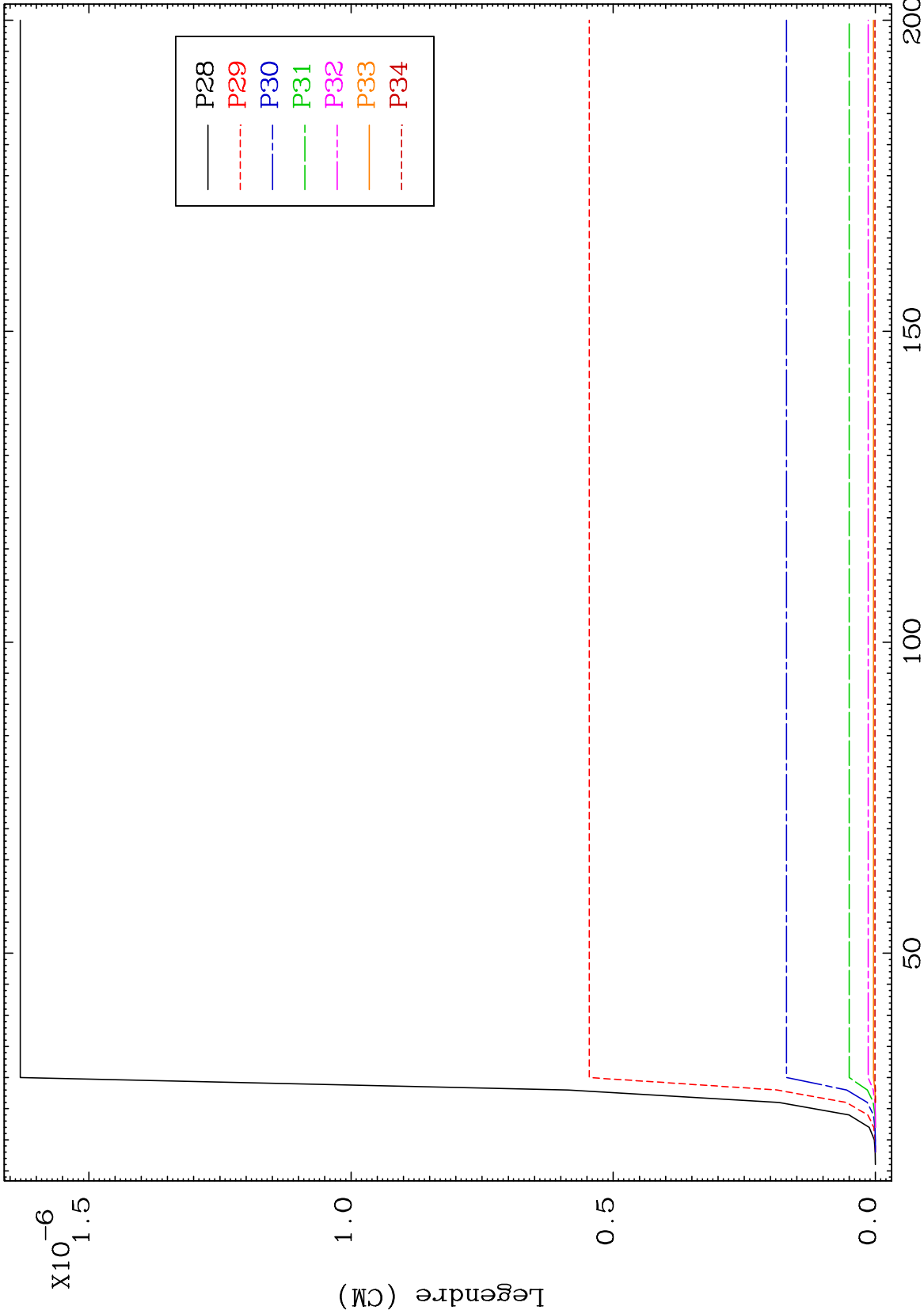
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



110

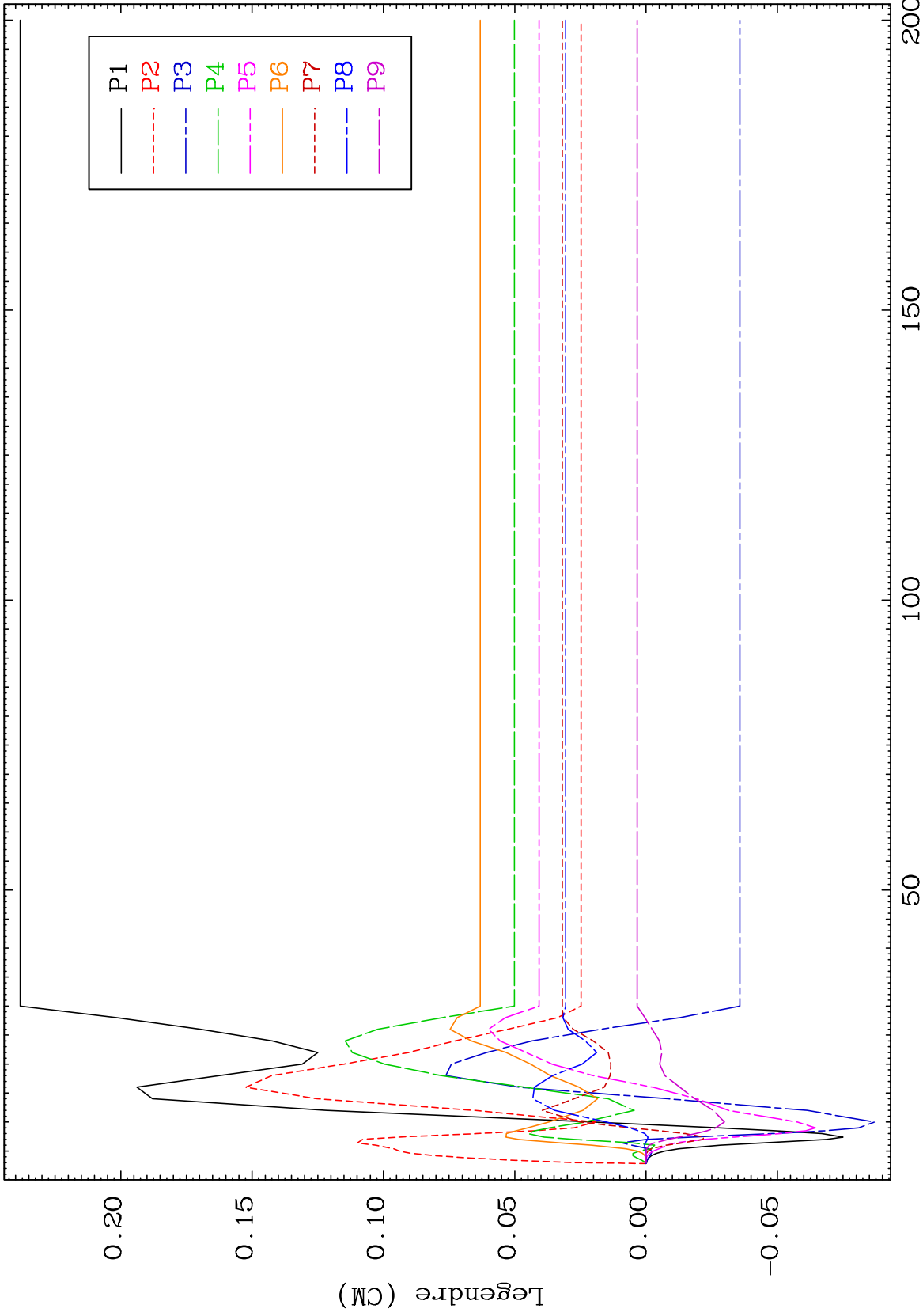
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120

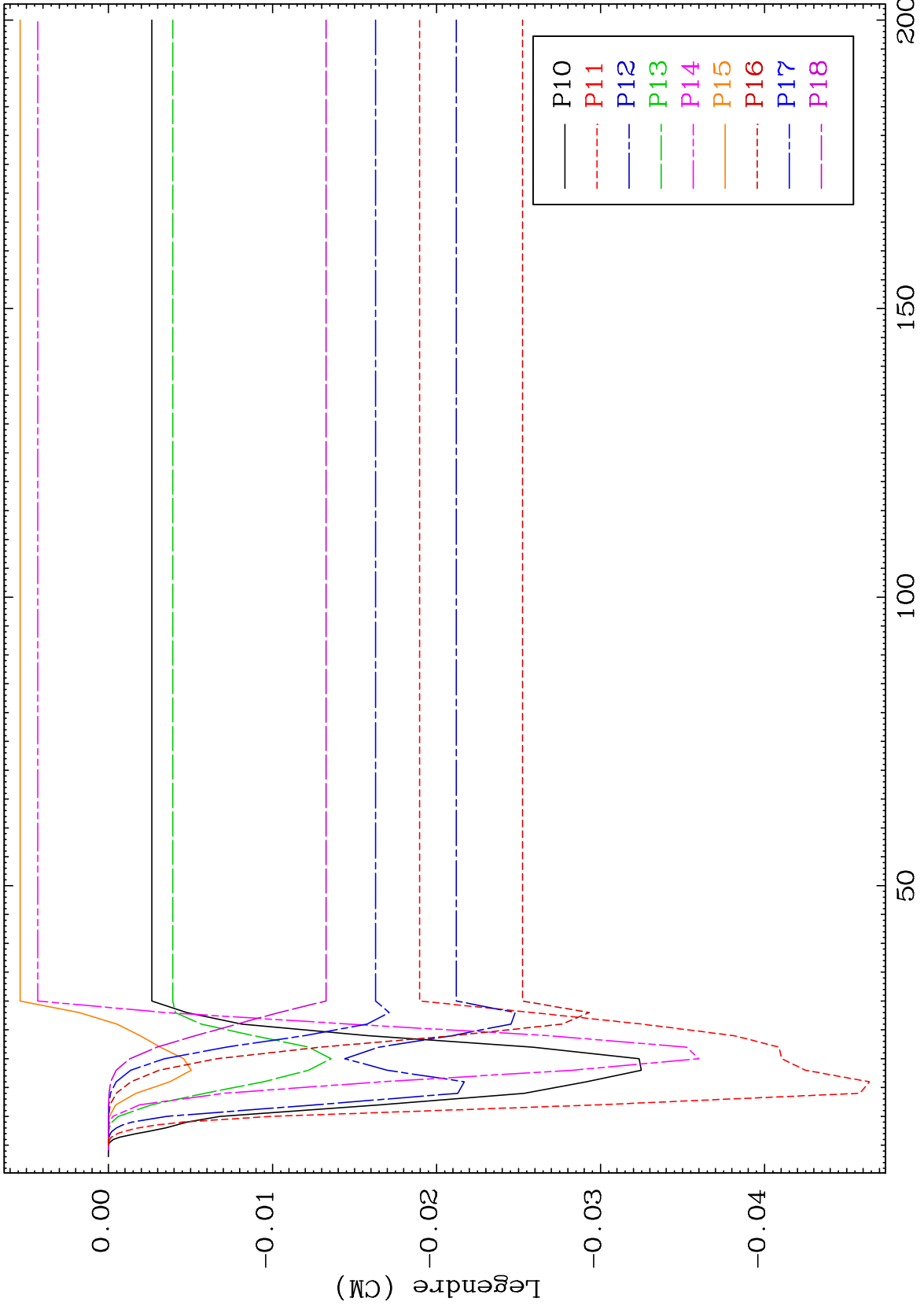


111

Incident Energy (MeV)

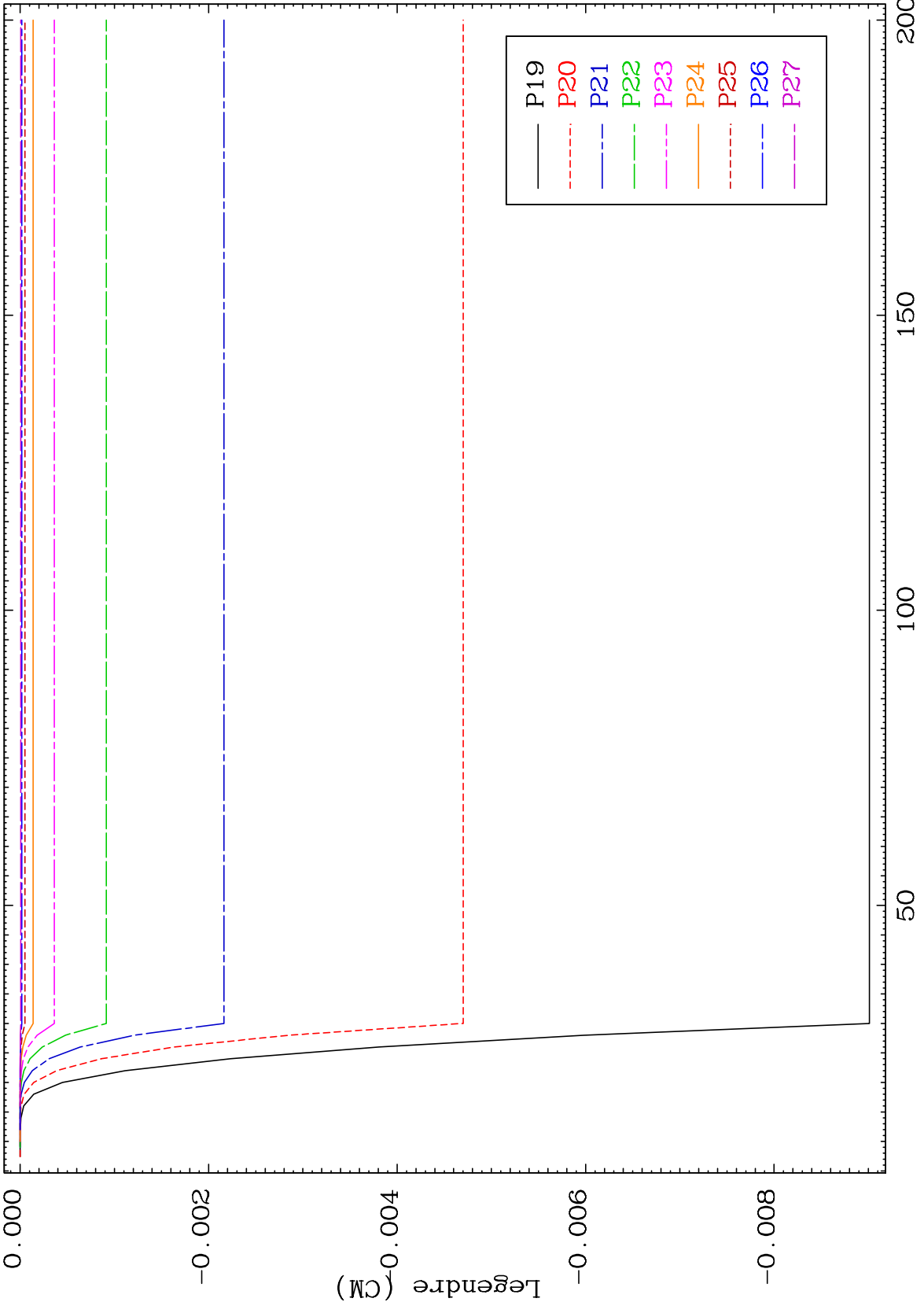
52-Te-120

MAT 5225 MT= 76 (n,n') Level Legendre Coefficients 52-Te-120

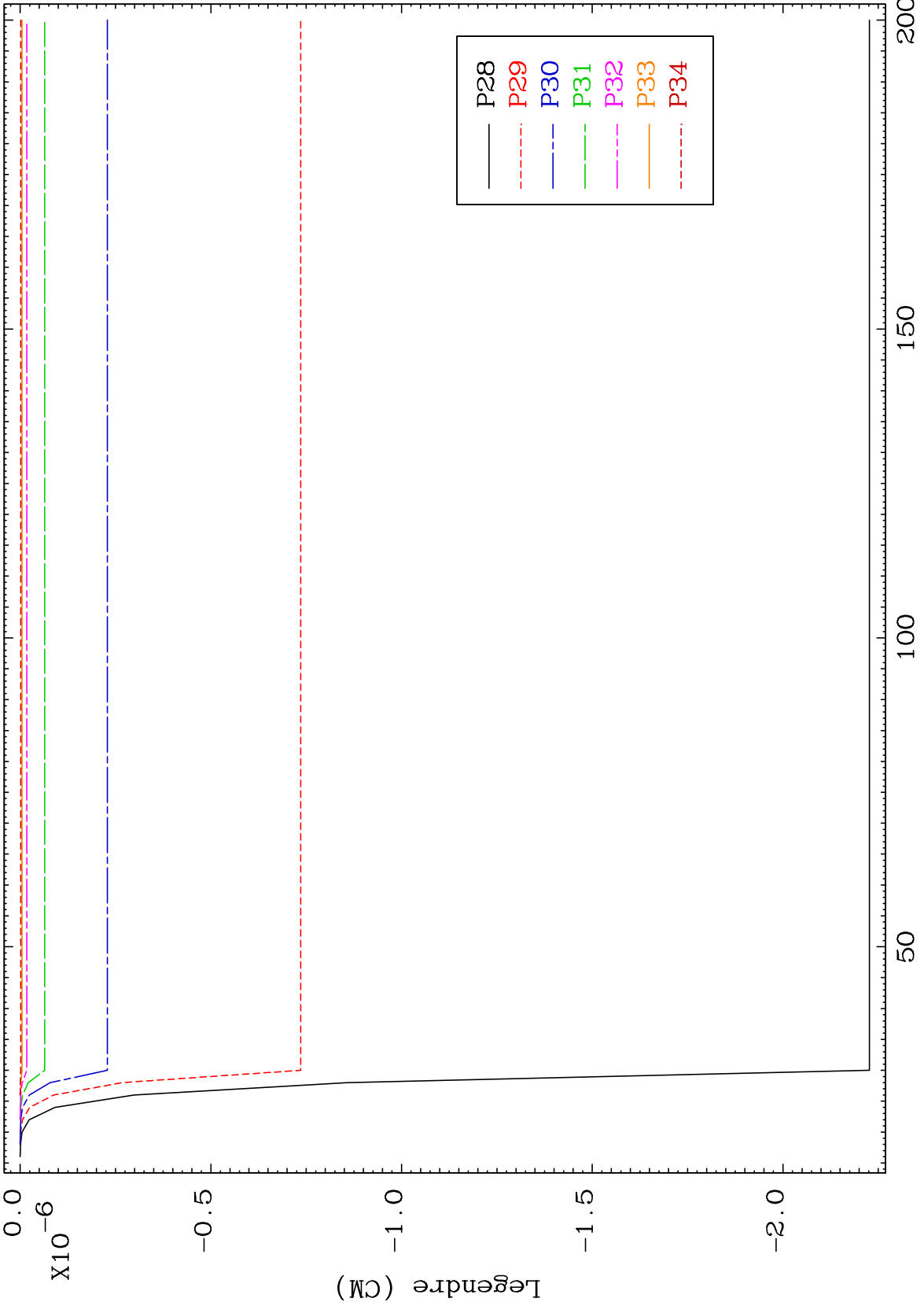


112 Incident Energy (MeV) 52-Te-120

MAT 5225 MT= 76 (n,n') Level Legendre Coefficients 52-Te-120



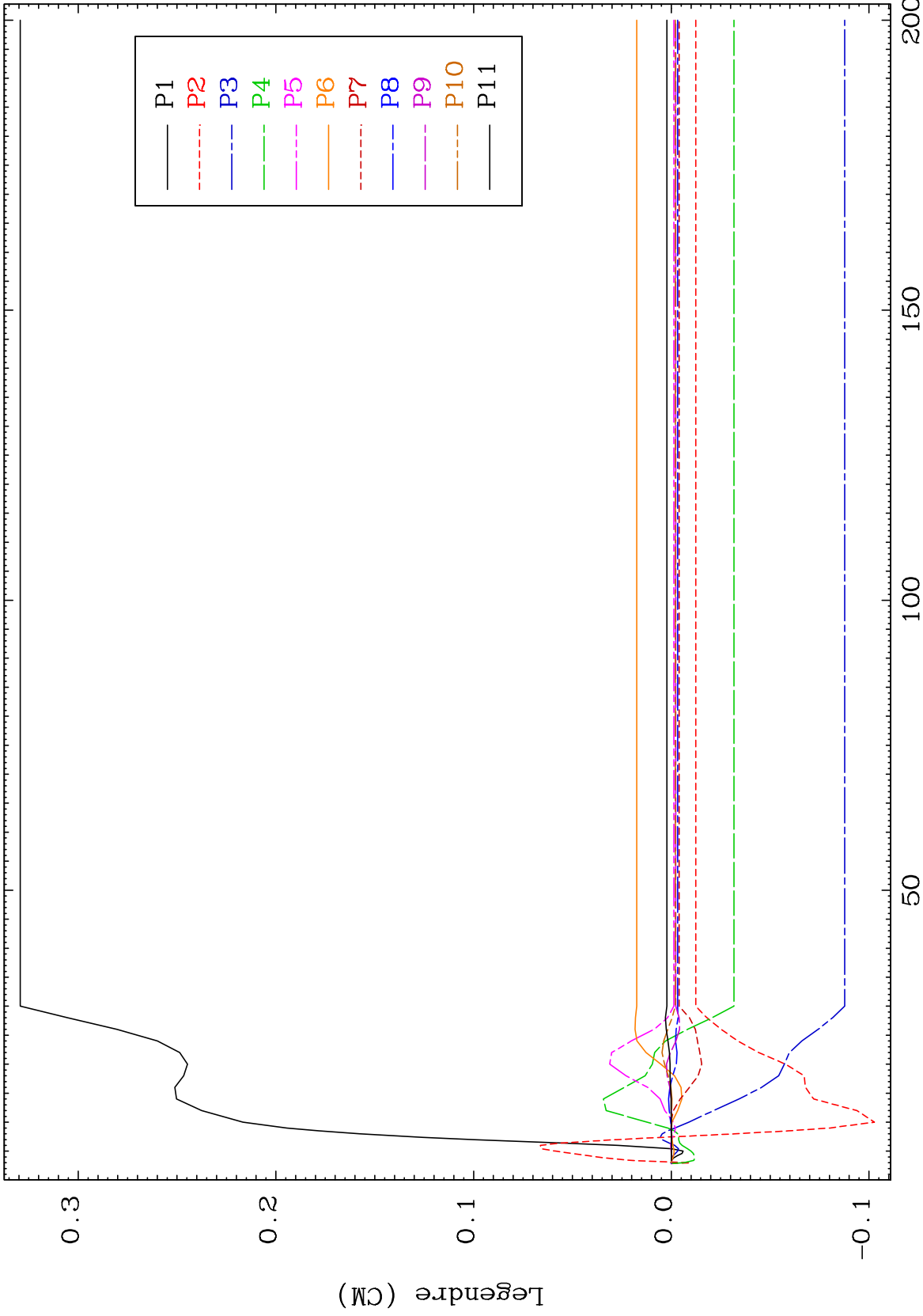
MAT 5225 MT= 76 (n,n') Level Legendre Coefficients 52-Te-120



MAT 5225

MT= 77 (n,n') Level
Legendre Coefficients

52-Te-120



115

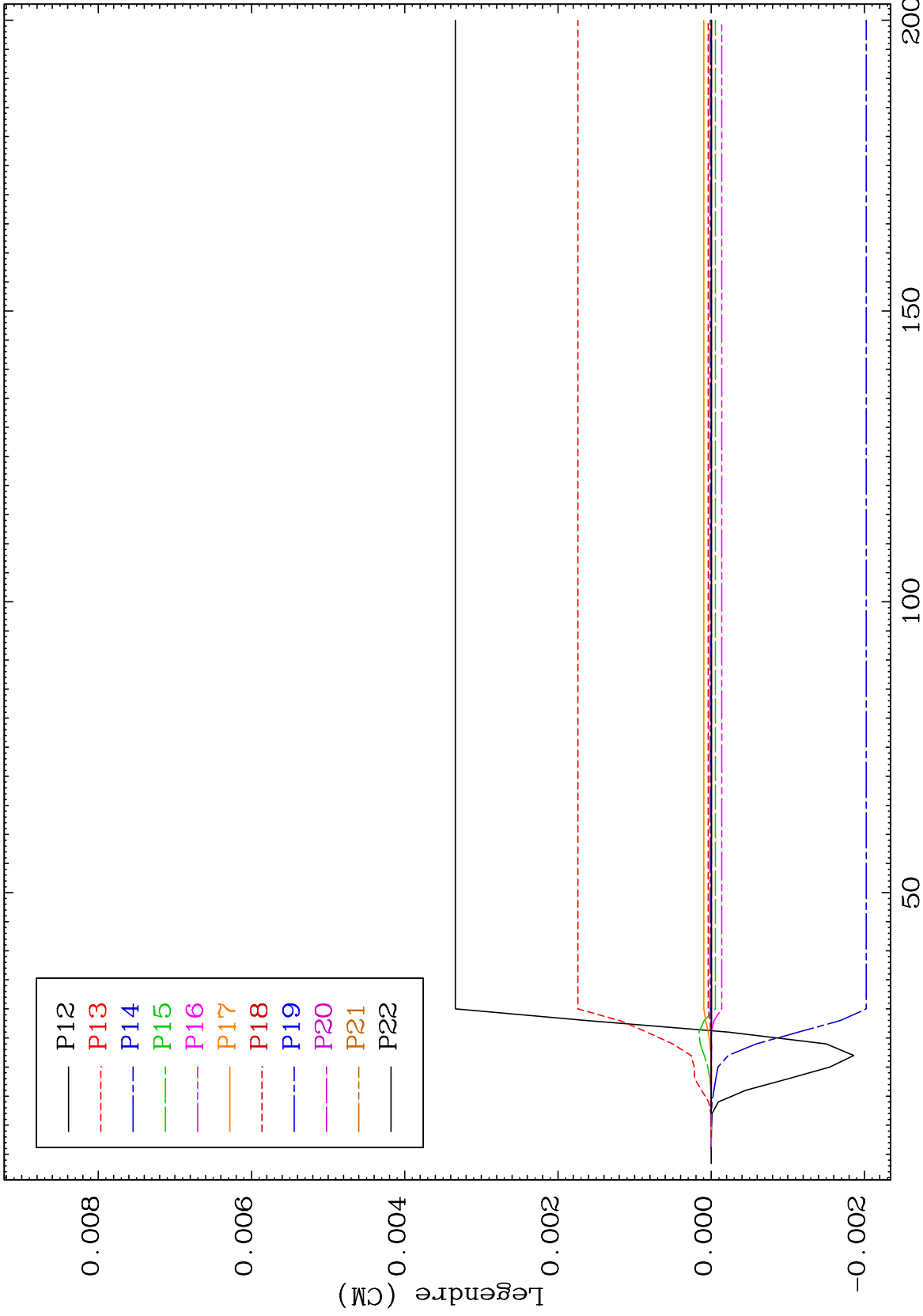
Incident Energy (MeV)

52-Te-120

MAT 5225

MT= 77 (n,n') Level
Legendre Coefficients

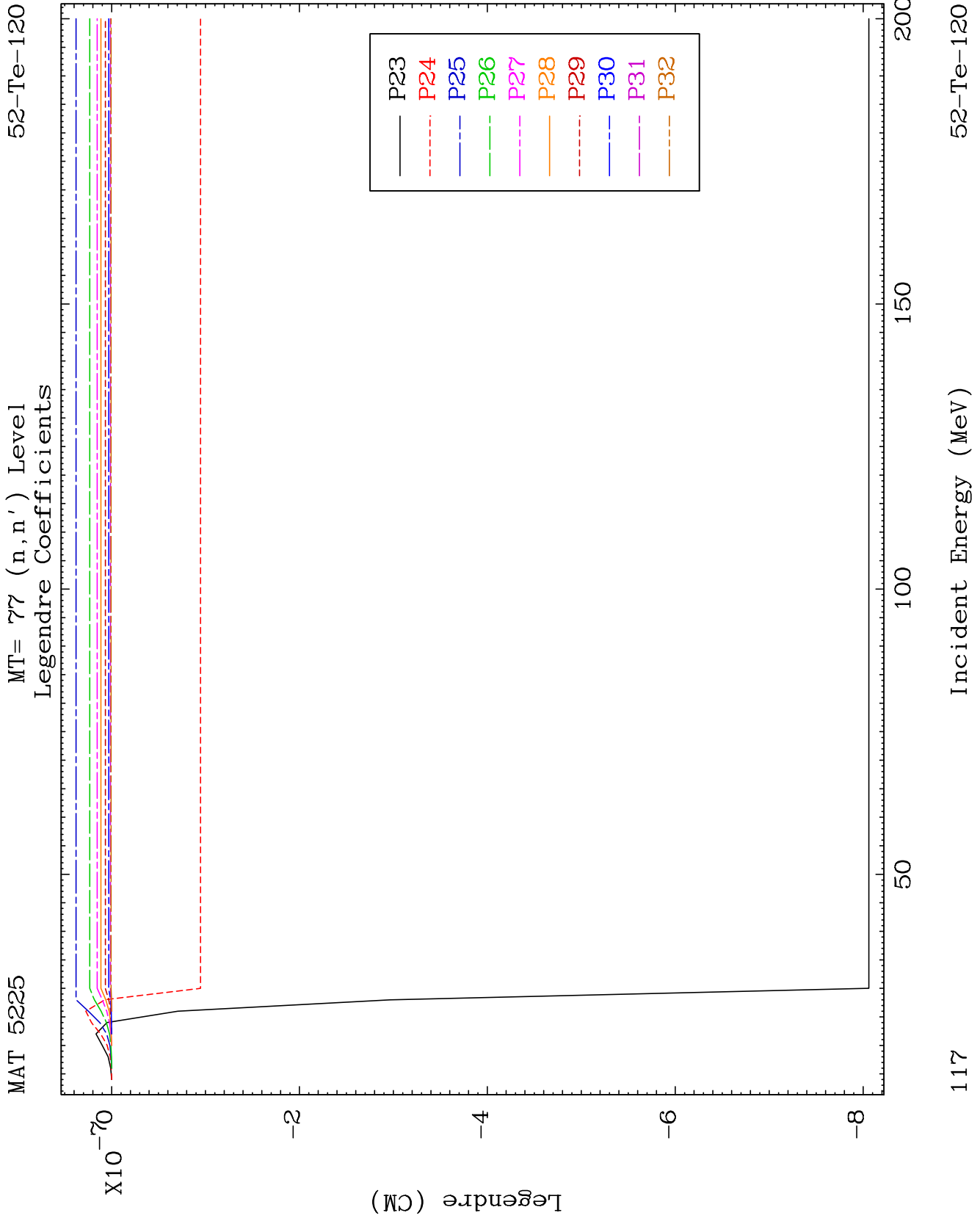
52-Te-120

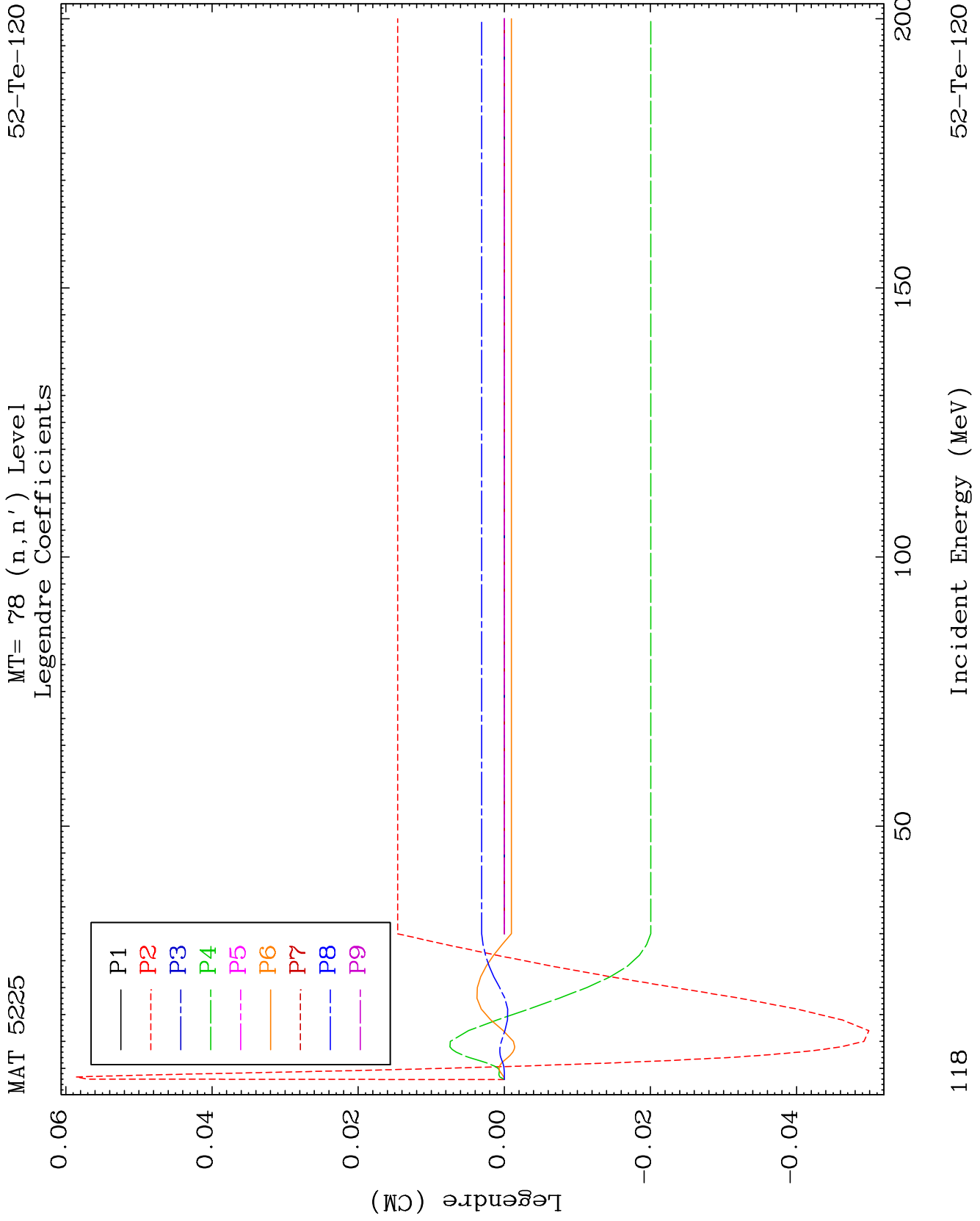


116

Incident Energy (MeV)

52-Te-120

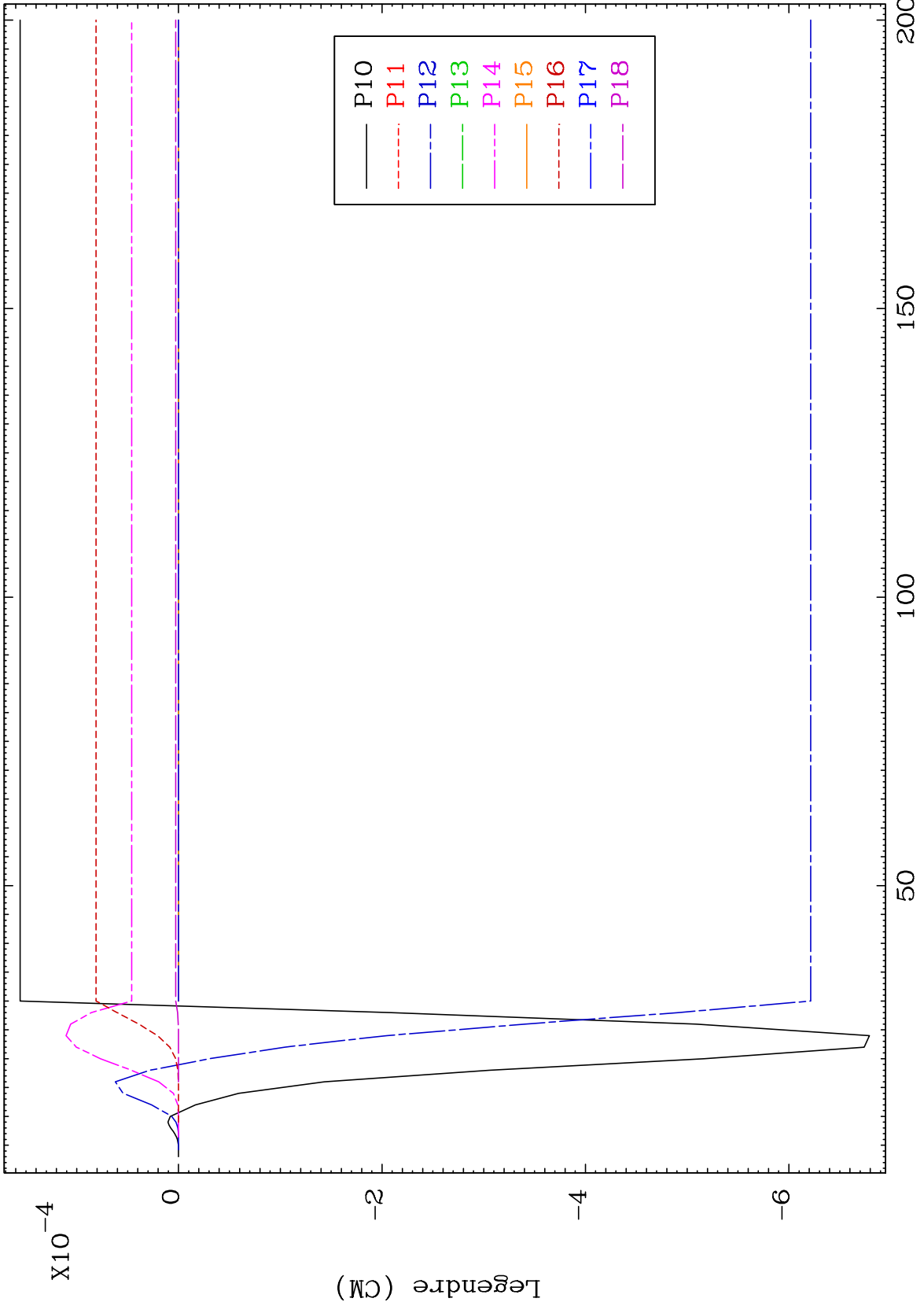




MAT 5225

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

52-Te-120

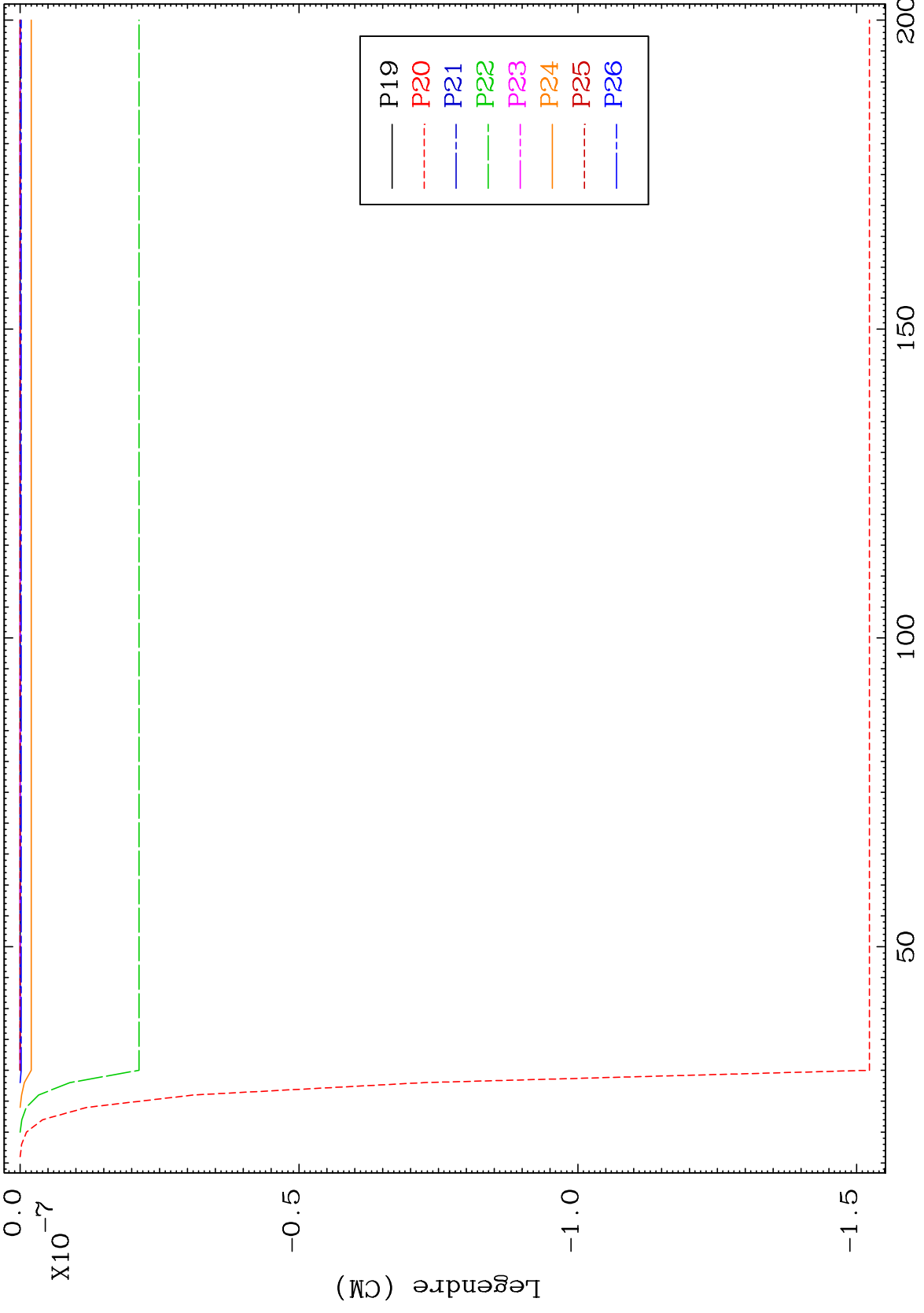


119

Incident Energy (MeV)

52-Te-120

MAT 5225 MT= 78 (n,n') Level Legendre Coefficients 52-Te-120

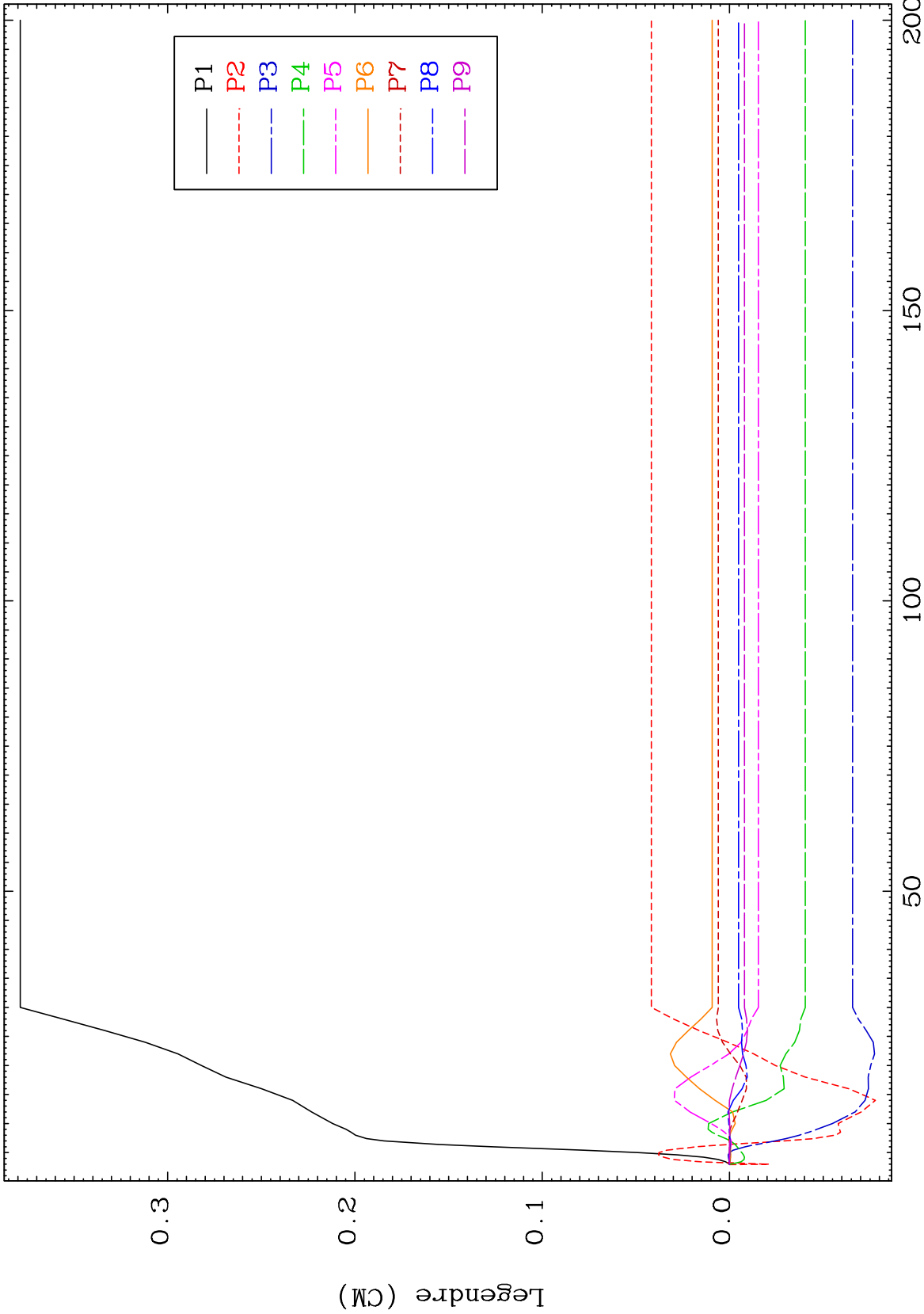


120 50 100 150 200 52-Te-120

MAT 5225

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

52-Te-120



121

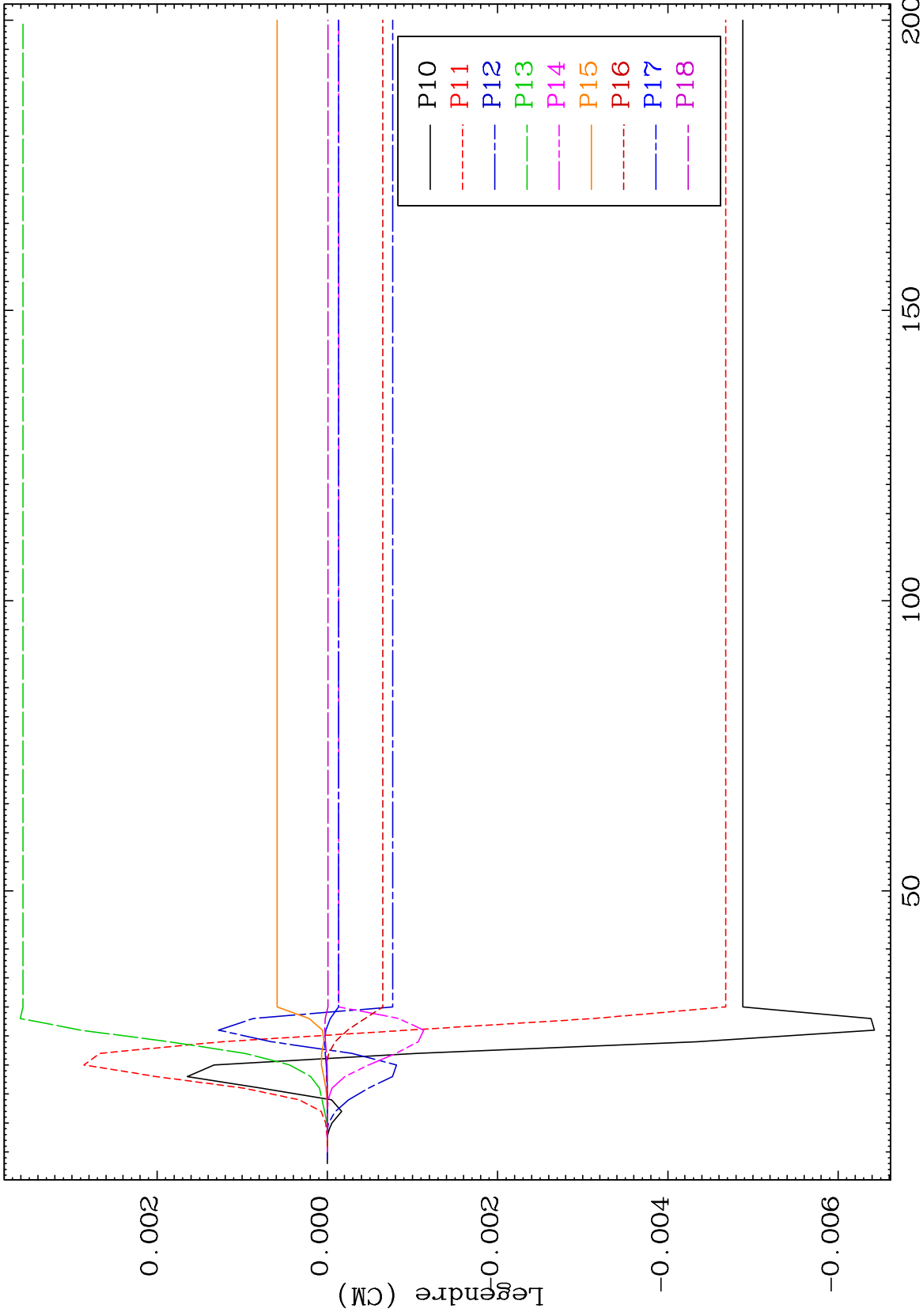
Incident Energy (MeV)

52-Te-120

MAT 5225

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

52-Te-120



122

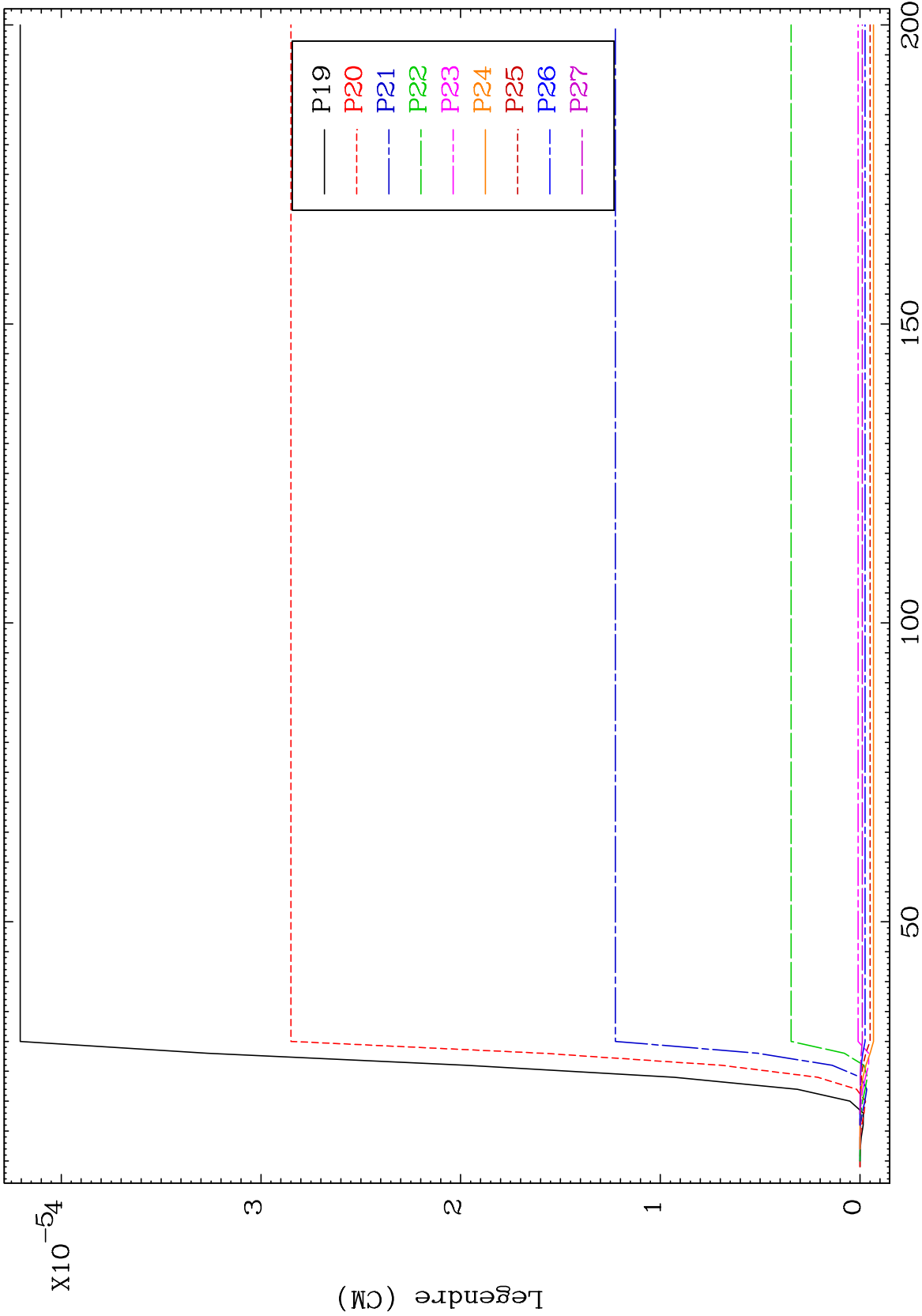
Incident Energy (MeV)

52-Te-120

MAT 5225

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

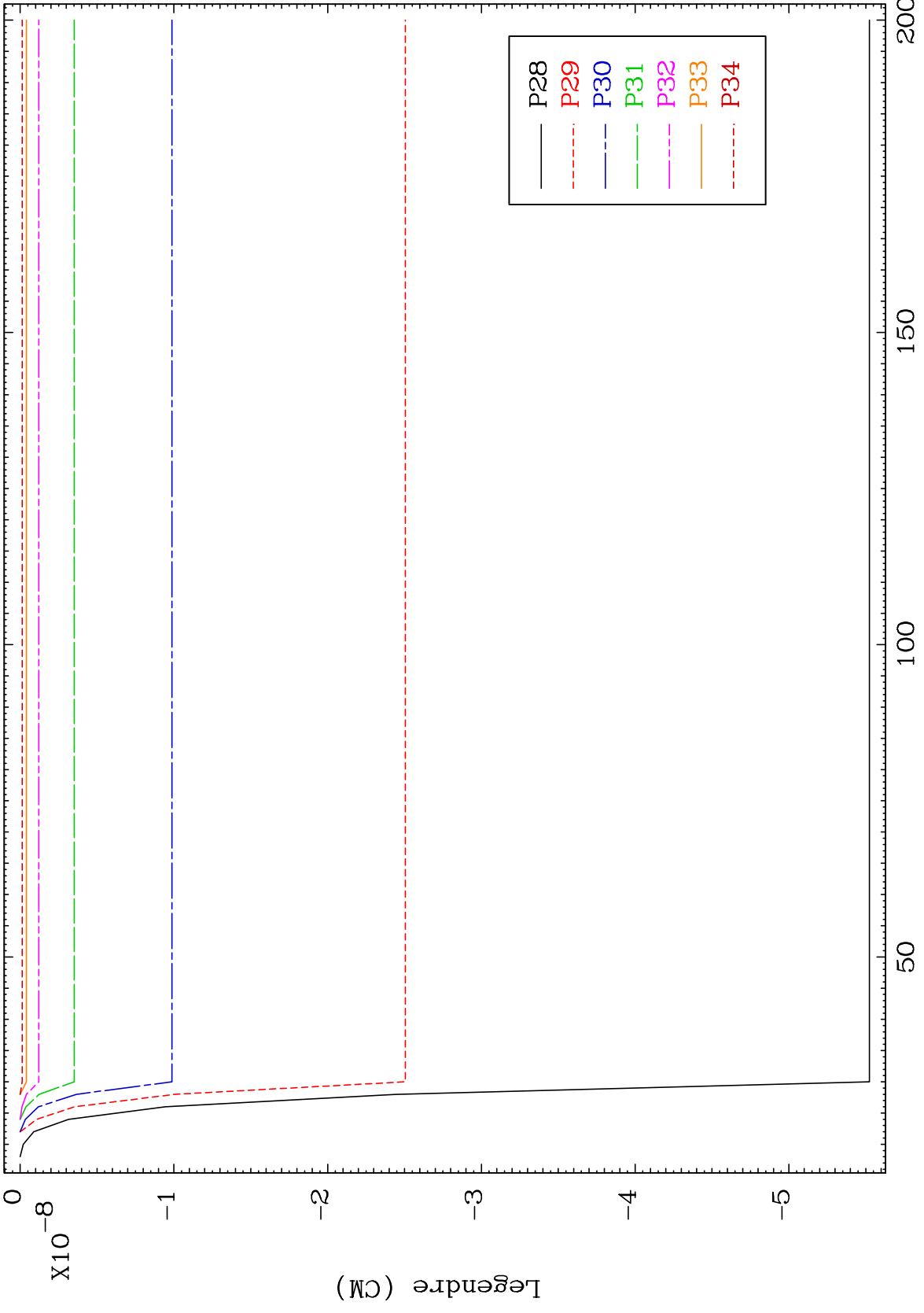
52-Te-120



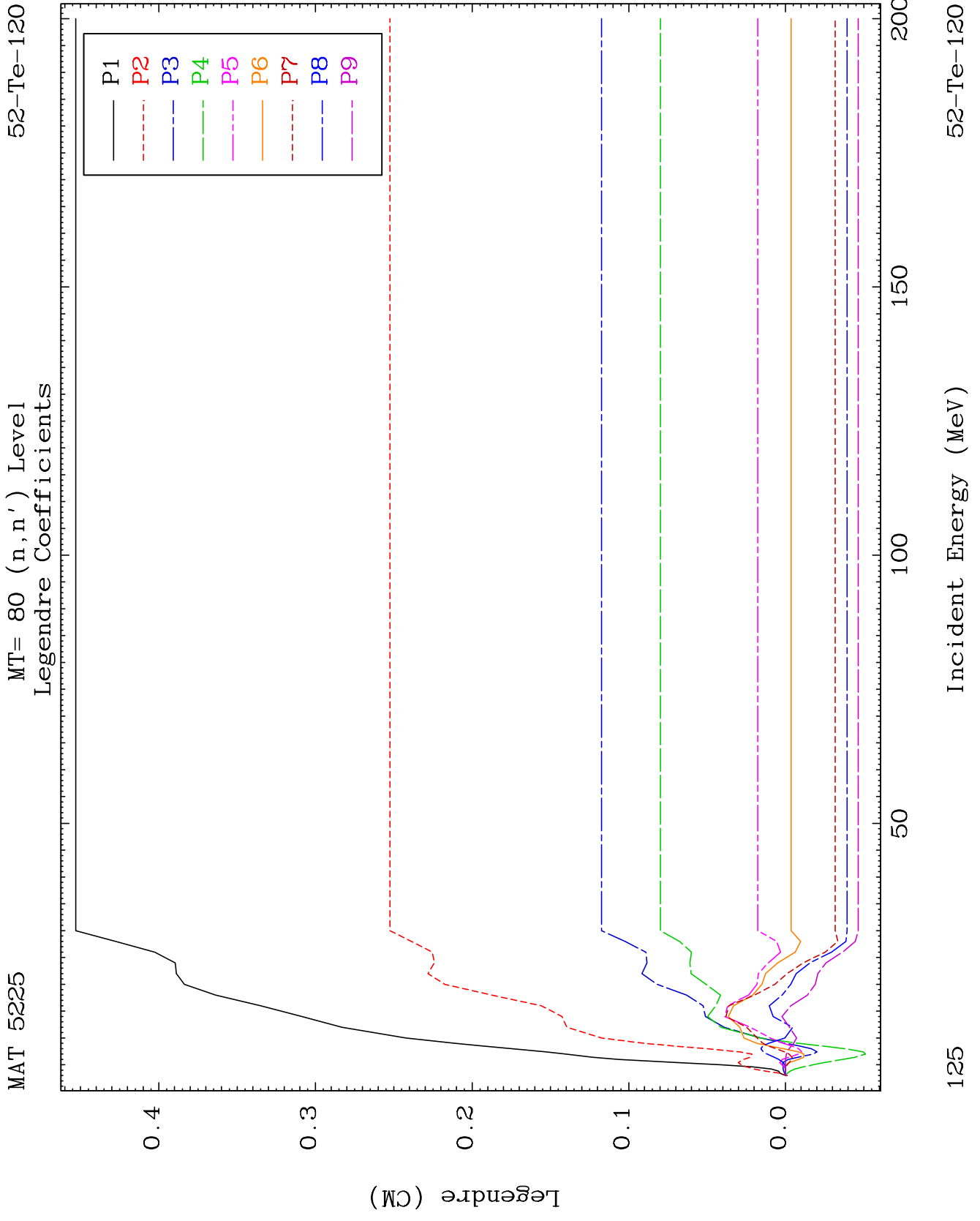
123

52-Te-120

MAT 5225 MT= 79 (n,n') Level Legendre Coefficients 52-Te-120



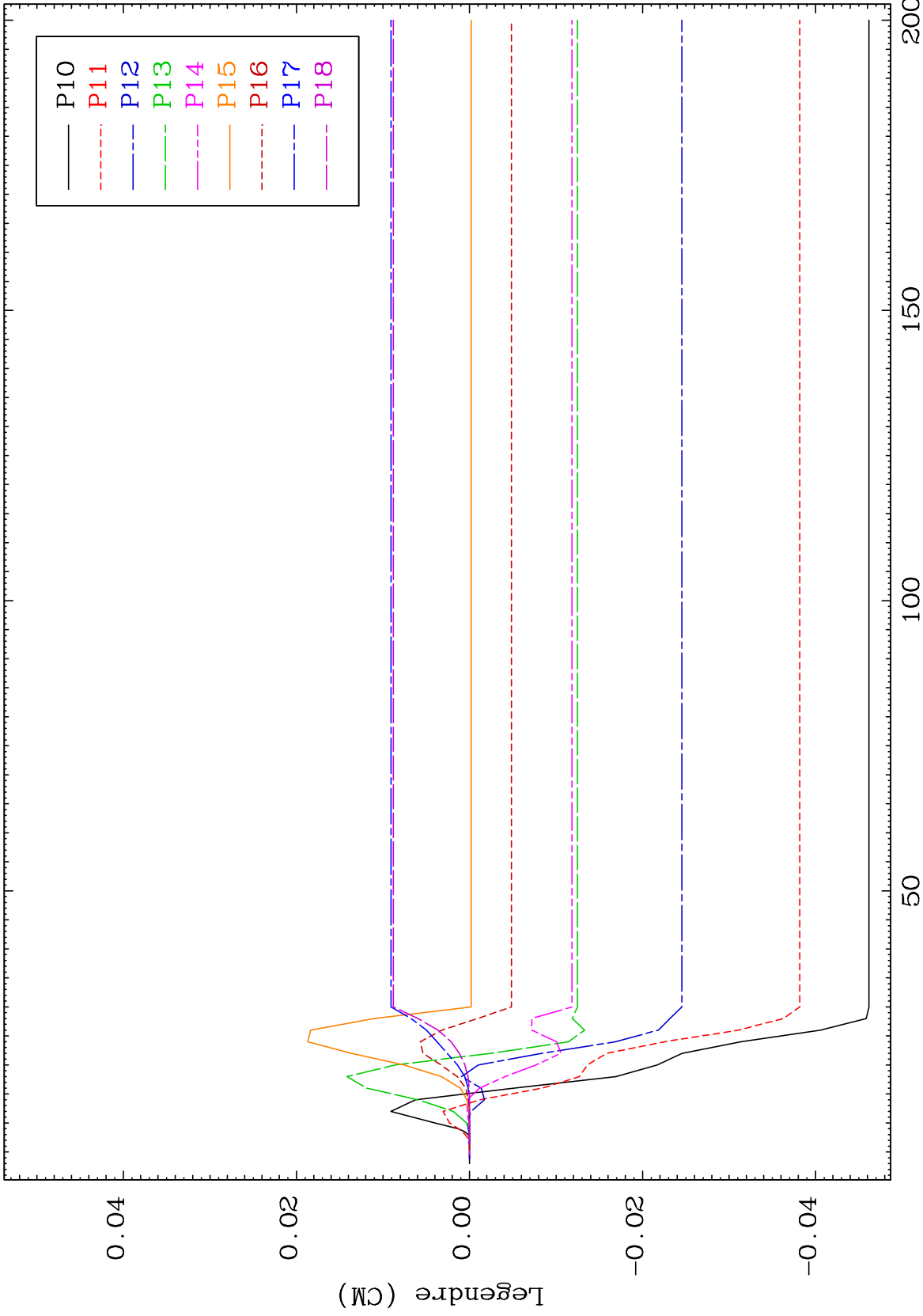
124 52-Te-120



MAT 5225

MT= 80 (n,n') Level
Legendre Coefficients

52-Te-120

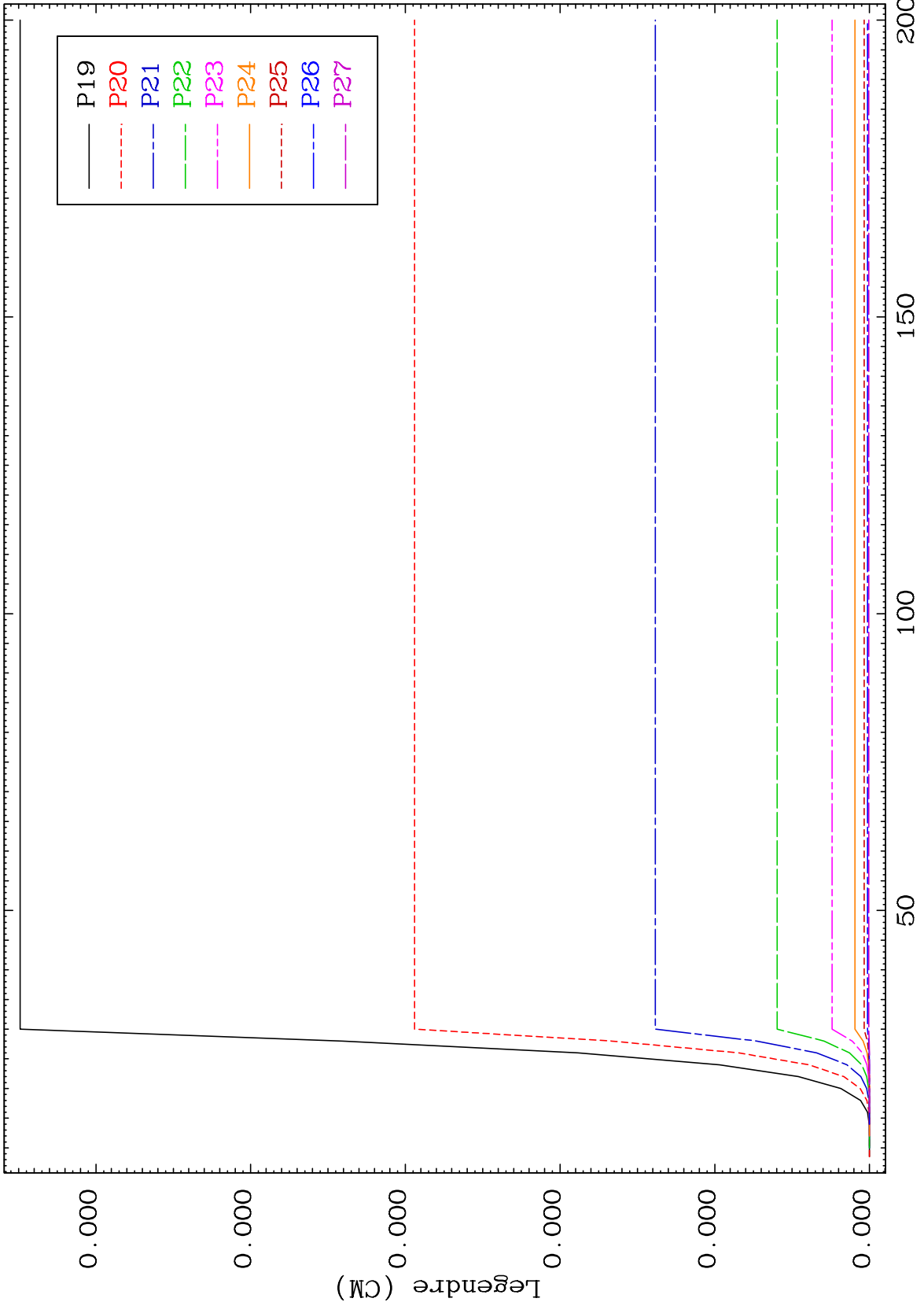


126

Incident Energy (MeV)

52-Te-120

MAT 5225 MT= 80 (n,n') Level Legendre Coefficients 52-Te-120

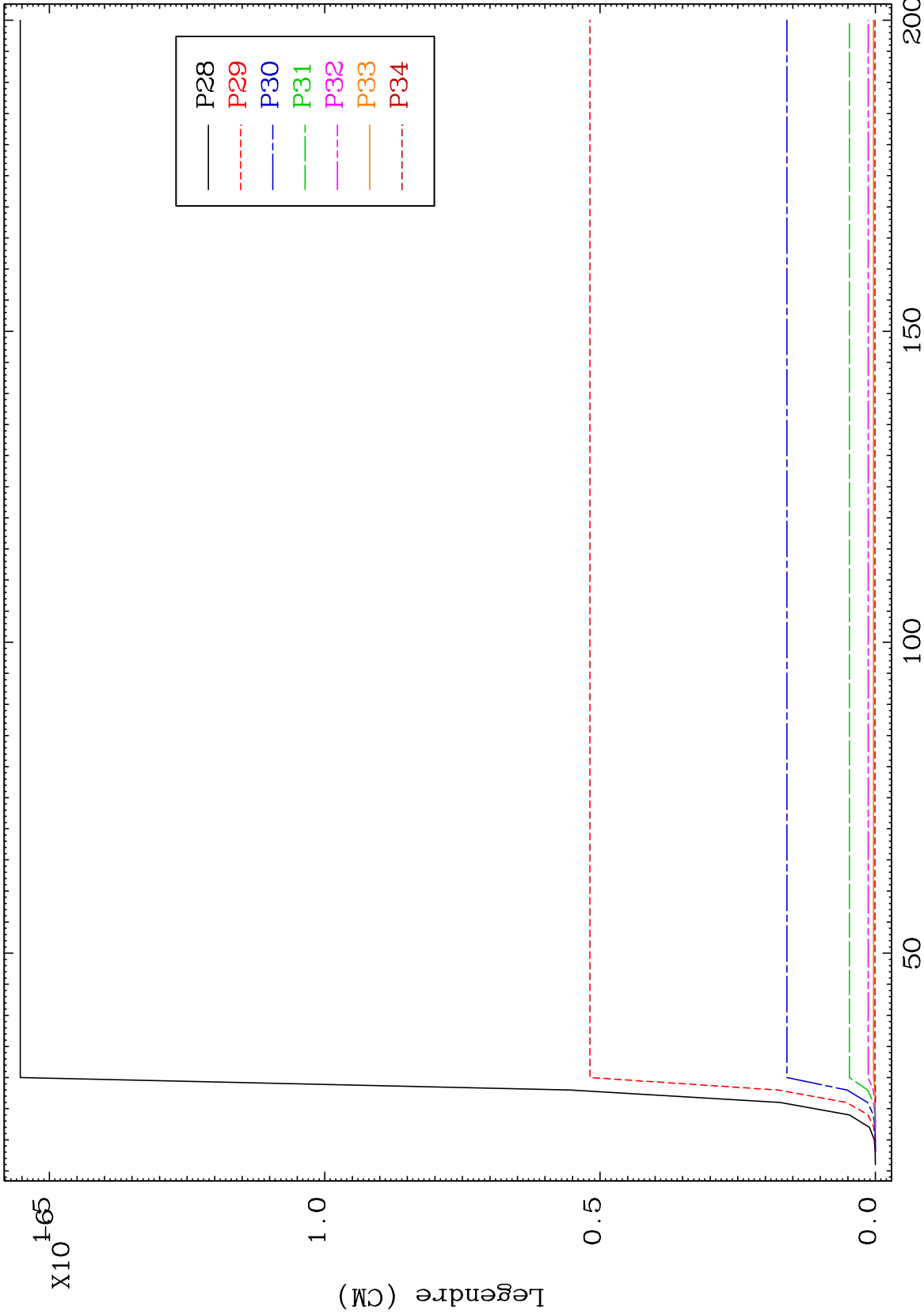


127 52-Te-120

MAT 5225

MT= 80 (n,n') Level
Legendre Coefficients

52-Te-120



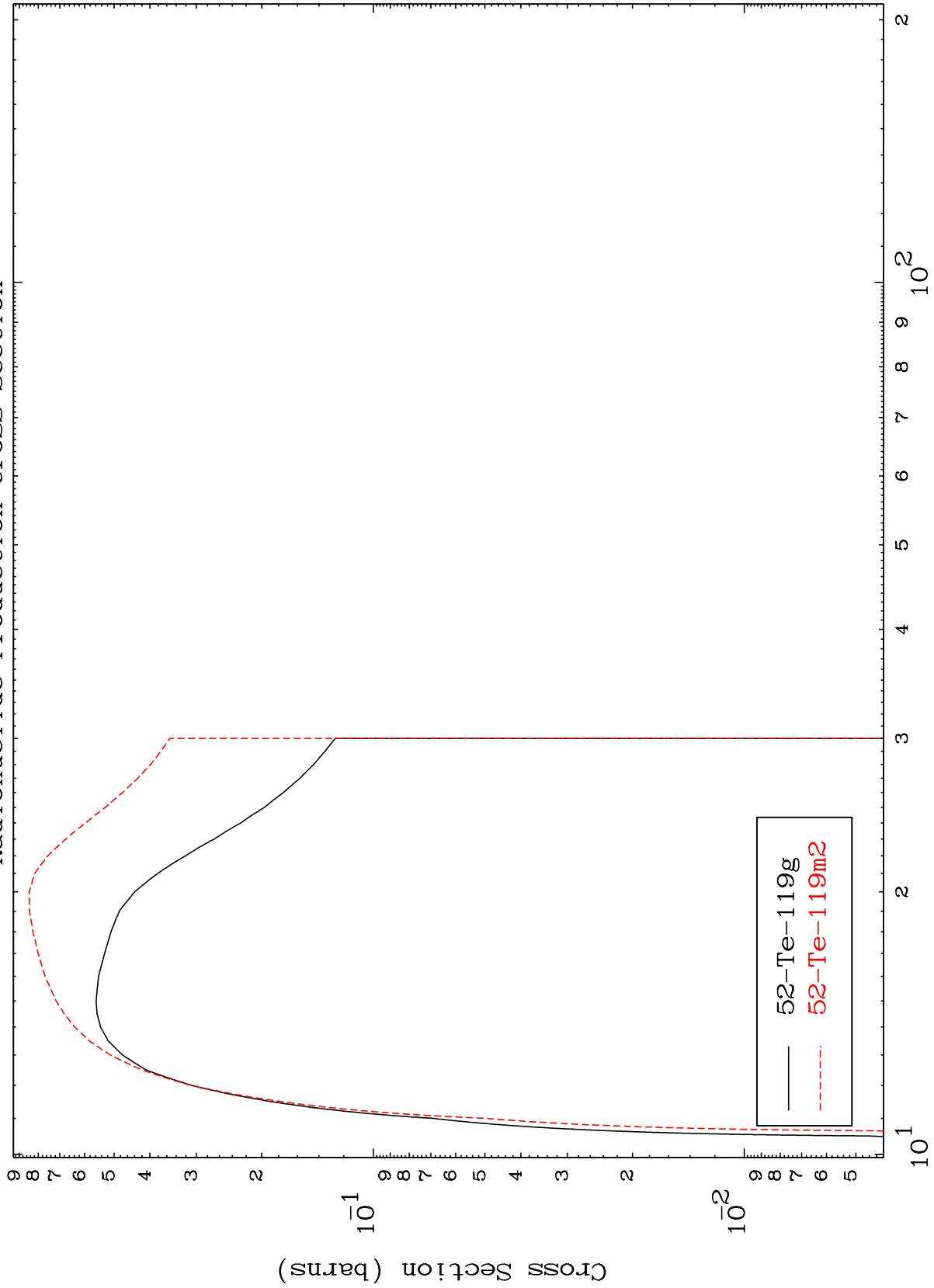
128

52-Te-120

MAT 5225

52-Te-120

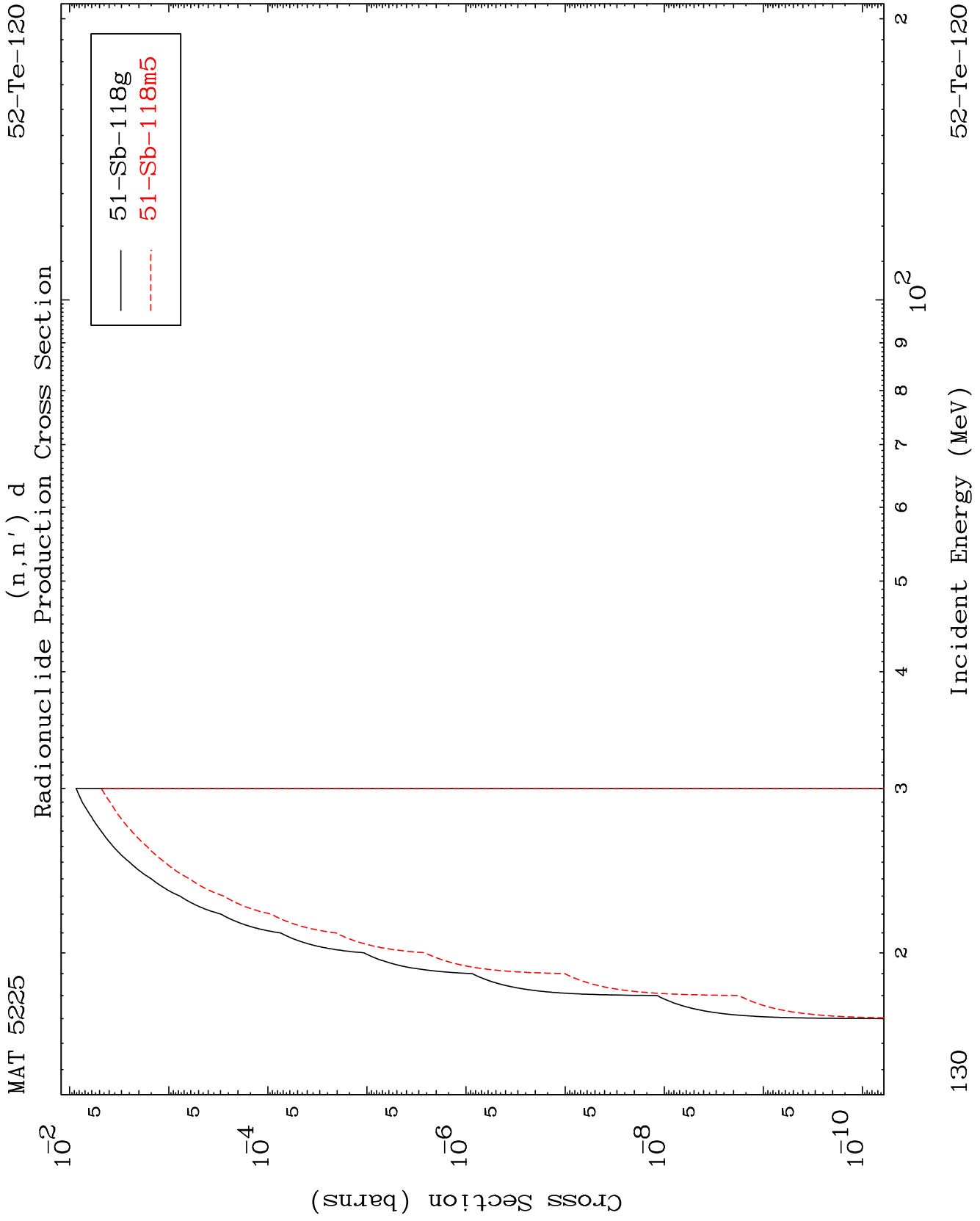
(n,2n)
Radionuclide Production Cross Section



129

Incident Energy (MeV)

52-Te-120

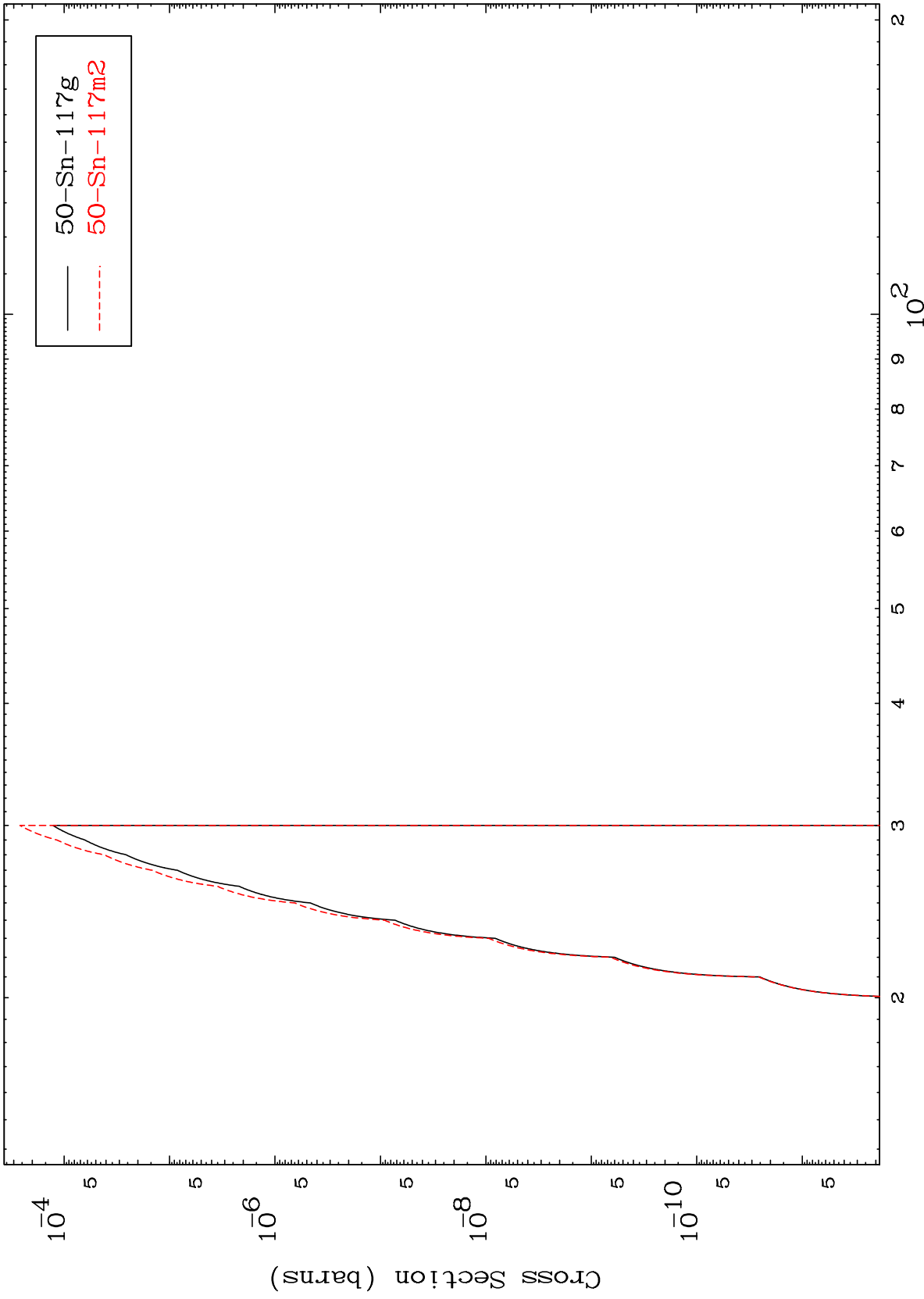


MAT 5225

(n, n') He-3

52-Te-120

Radionuclide Production Cross Section



131

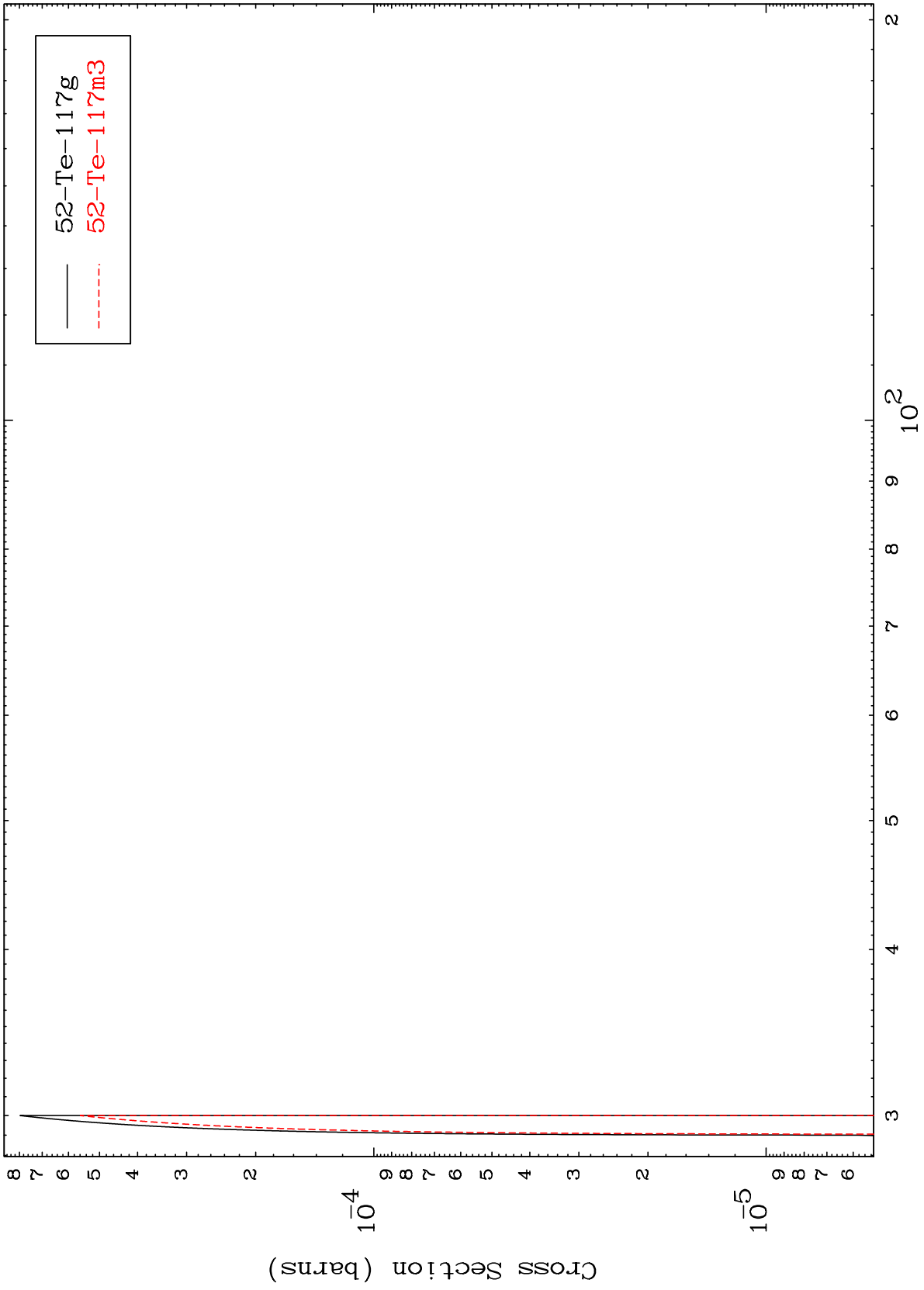
Incident Energy (MeV)

52-Te-120

MAT 5225

52-Te-120

(n,4n)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

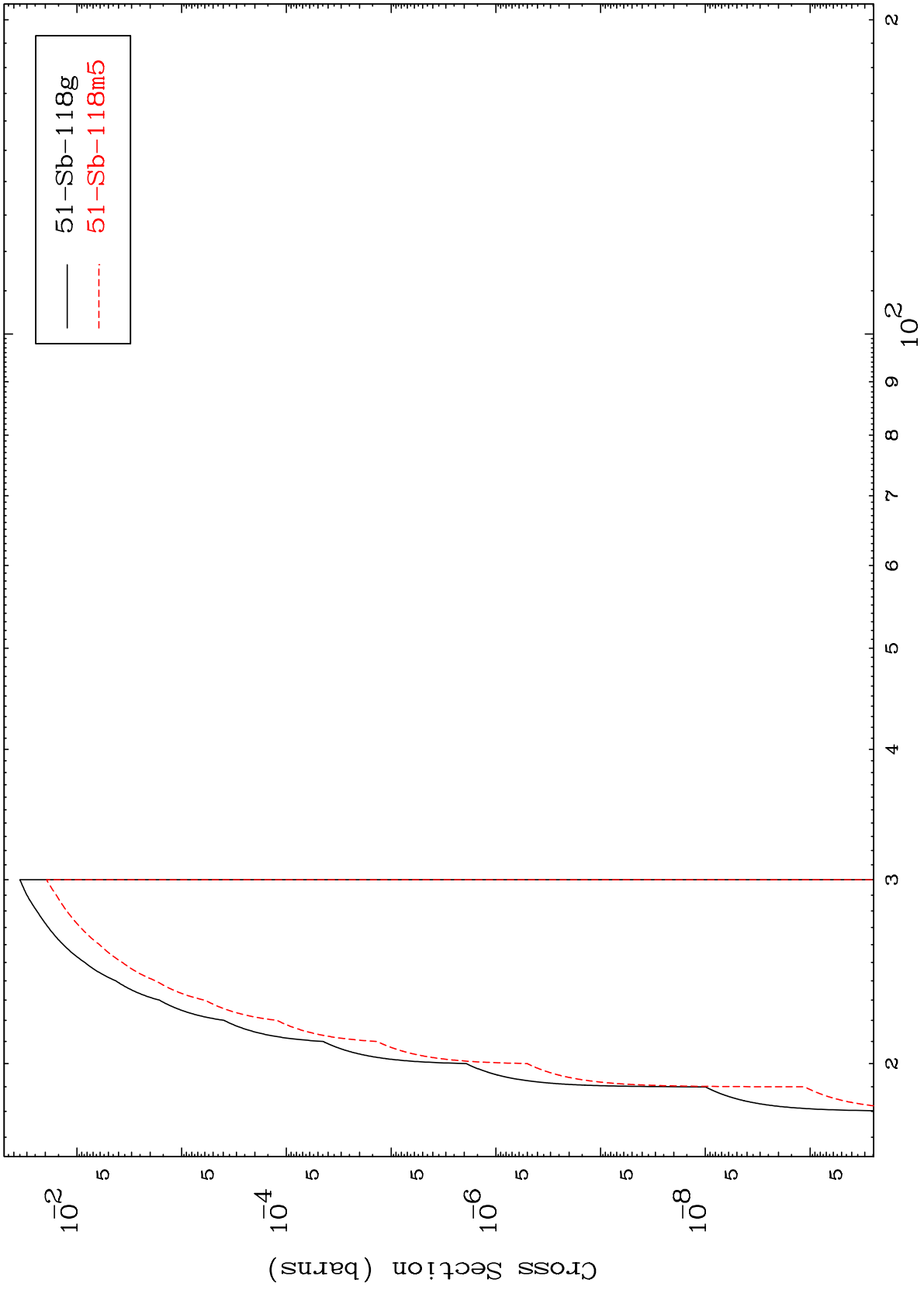
52-Te-120

MAT 5225

(n,2n) p

52-Te-120

Radionuclide Production Cross Section



133

Incident Energy (MeV)

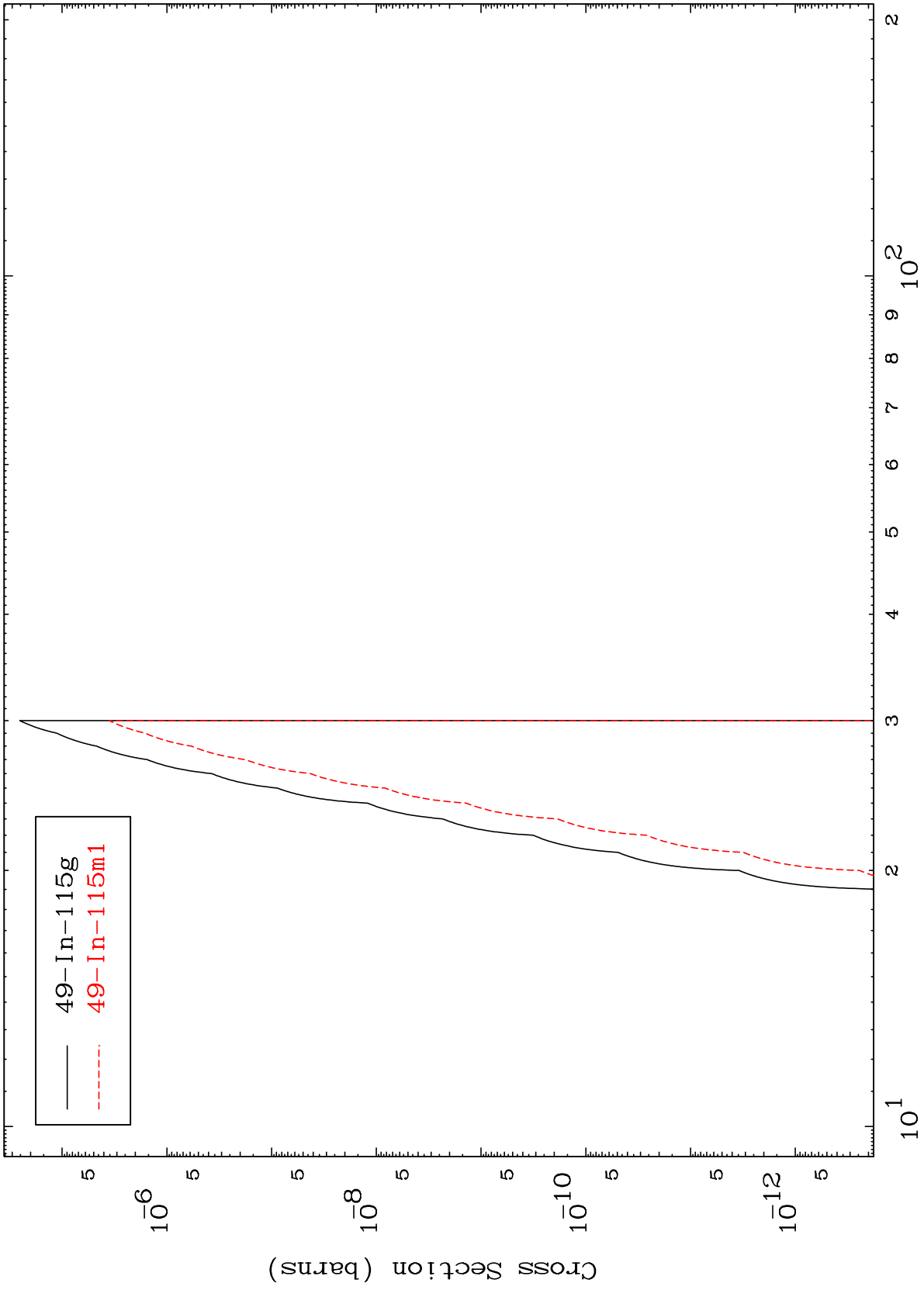
52-Te-120

MAT 5225

(n,n') p α

52-Te-120

Radionuclide Production Cross Section



134

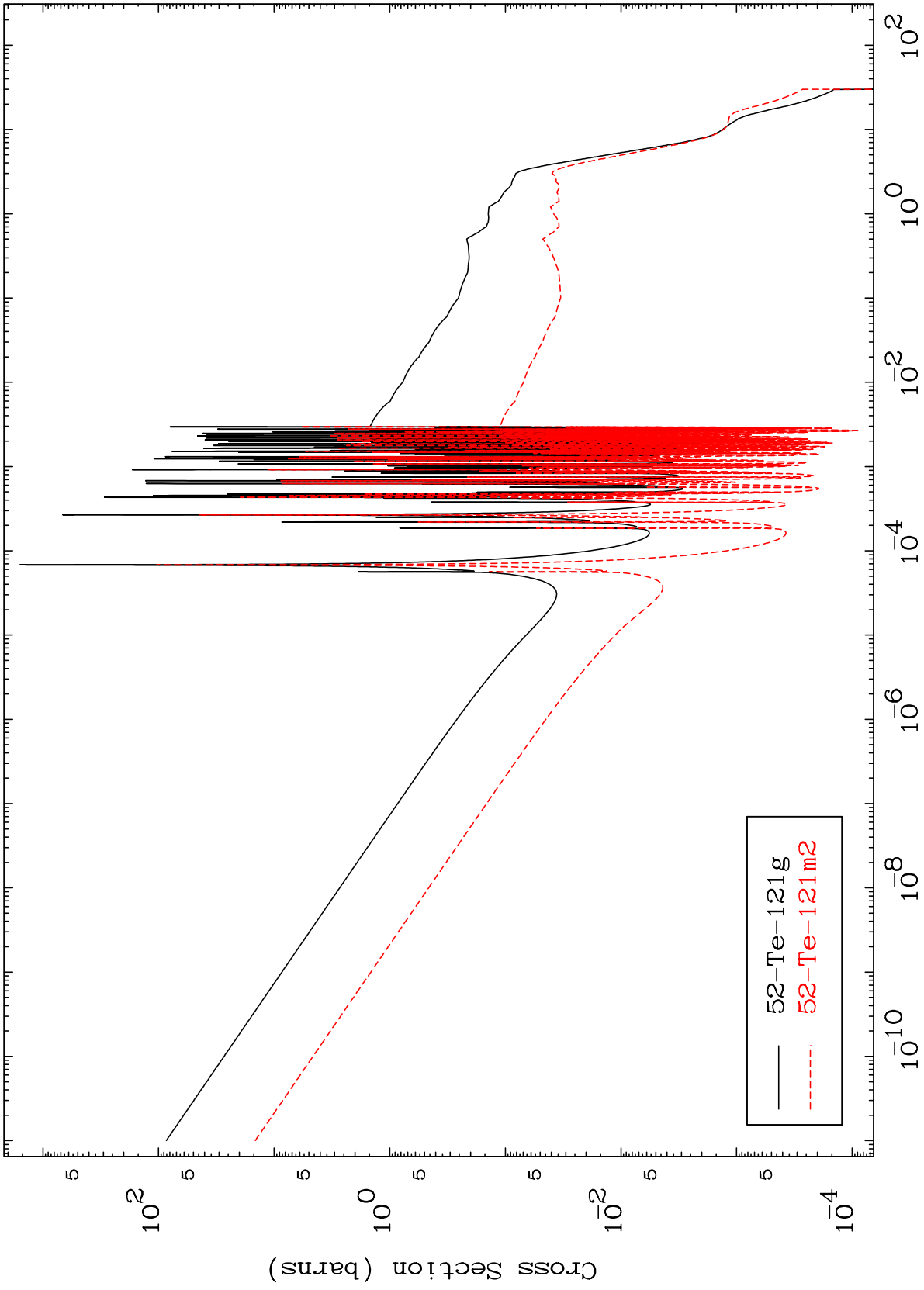
Incident Energy (MeV)

52-Te-120

MAT 5225

52-Te-120

(n,γ)
Radionuclide Production Cross Section



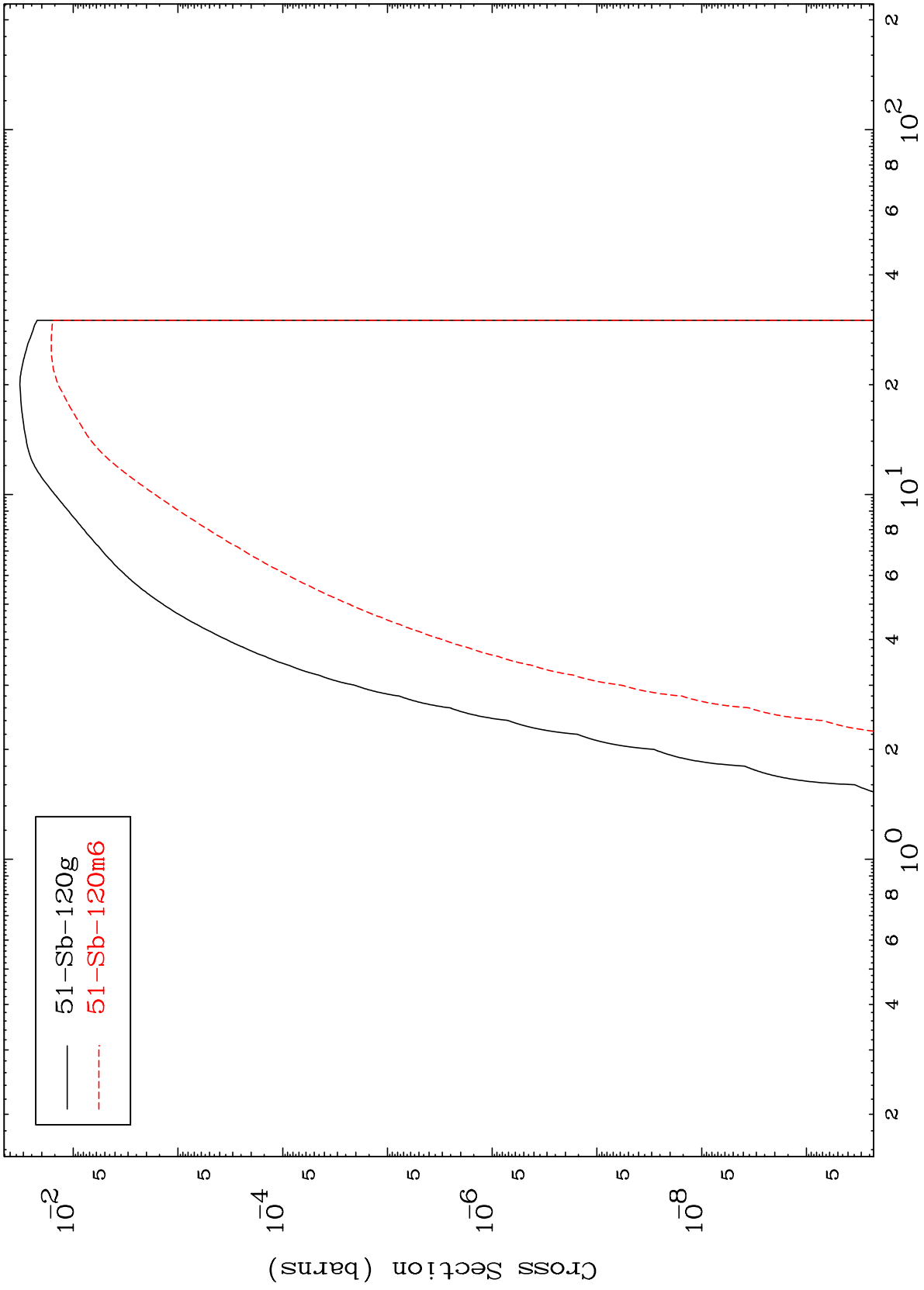
135

52-Te-120

MAT 5225

52-Te-120

(n,p)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

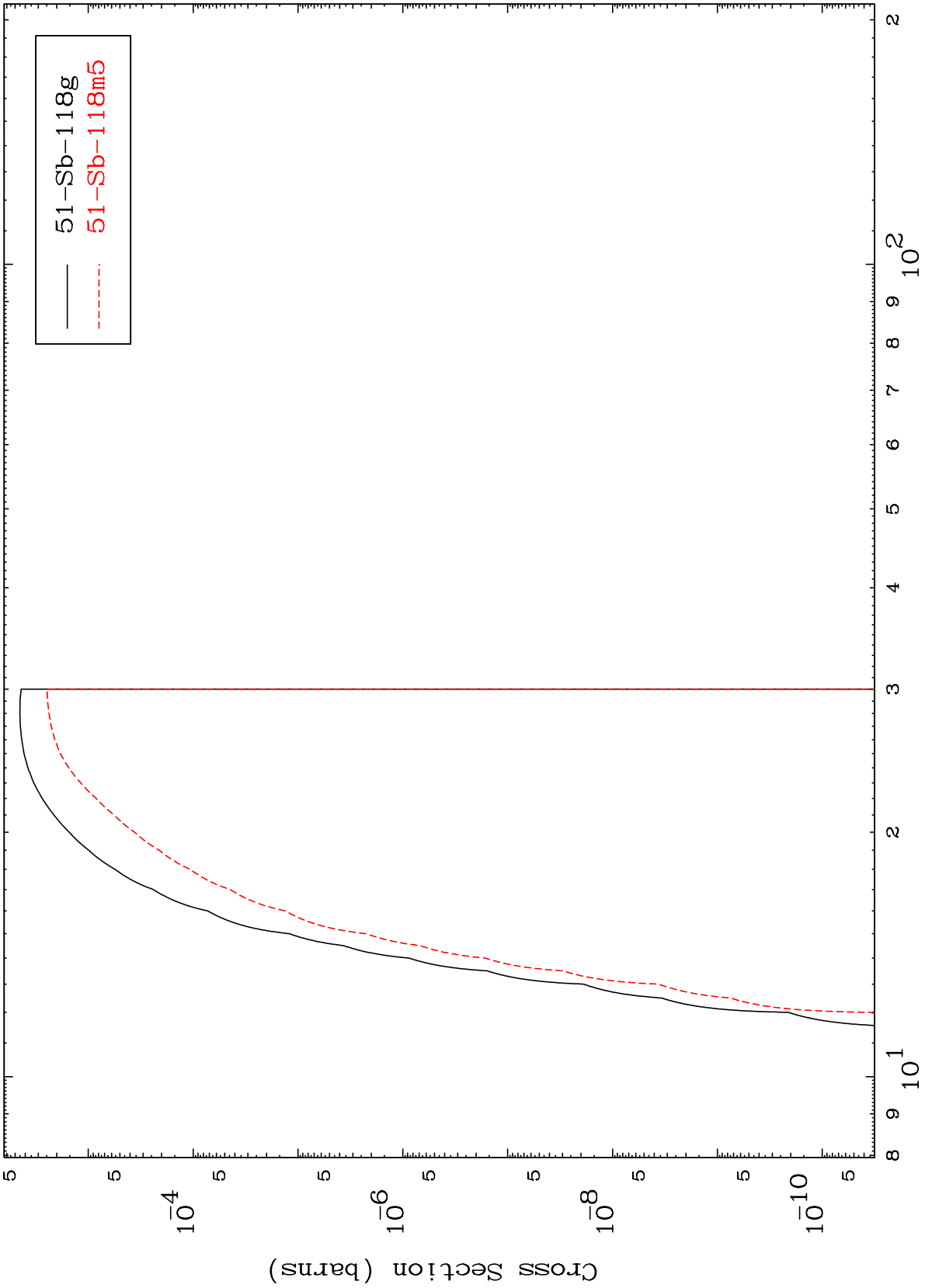
52-Te-120

MAT 5225

(n, t)

52-Te-120

Radionuclide Production Cross Section



137

Incident Energy (MeV)

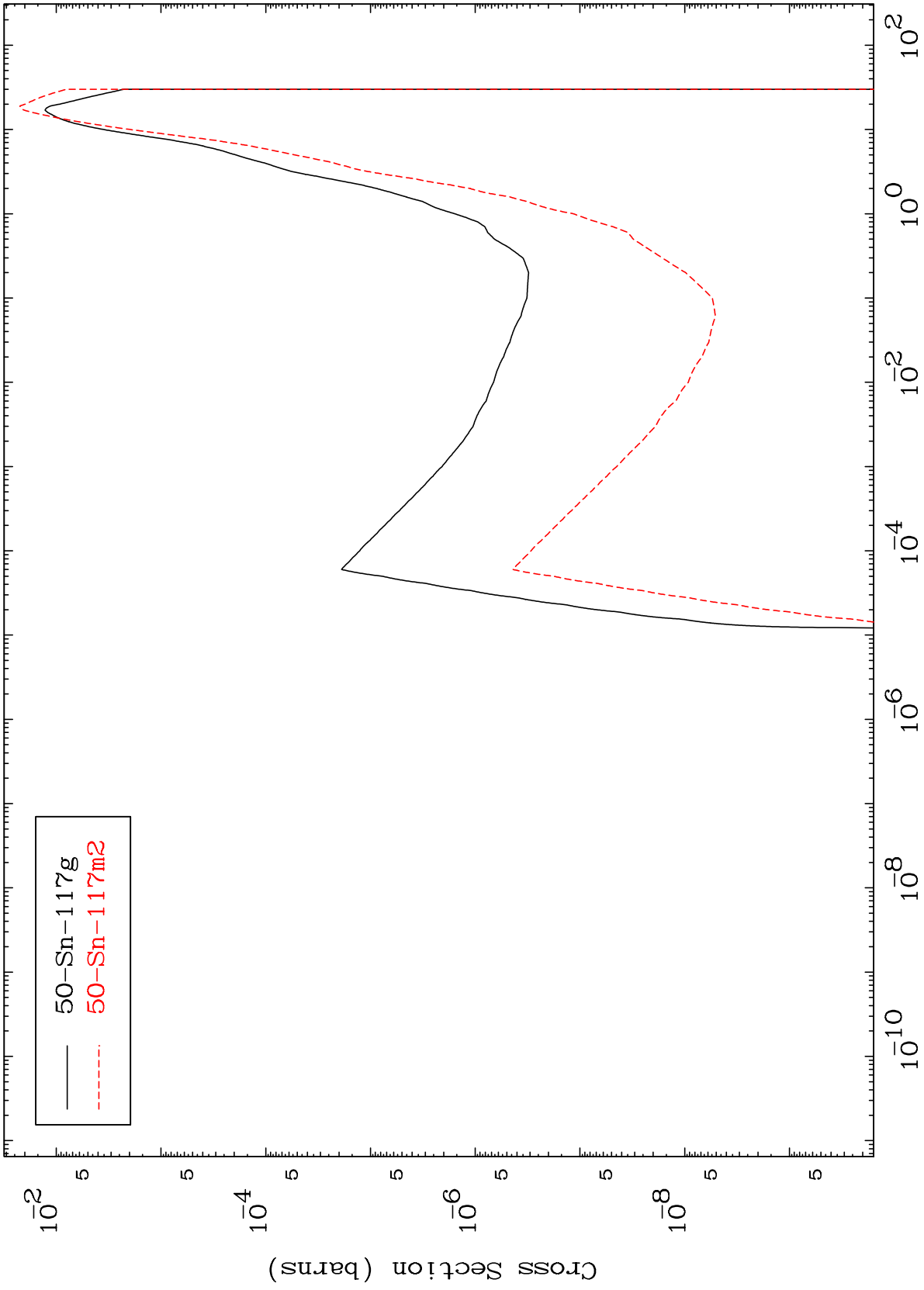
52-Te-120

MAT 5225

(n, α)

52-Te-120

Radionuclide Production Cross Section



138

Incident Energy (MeV)

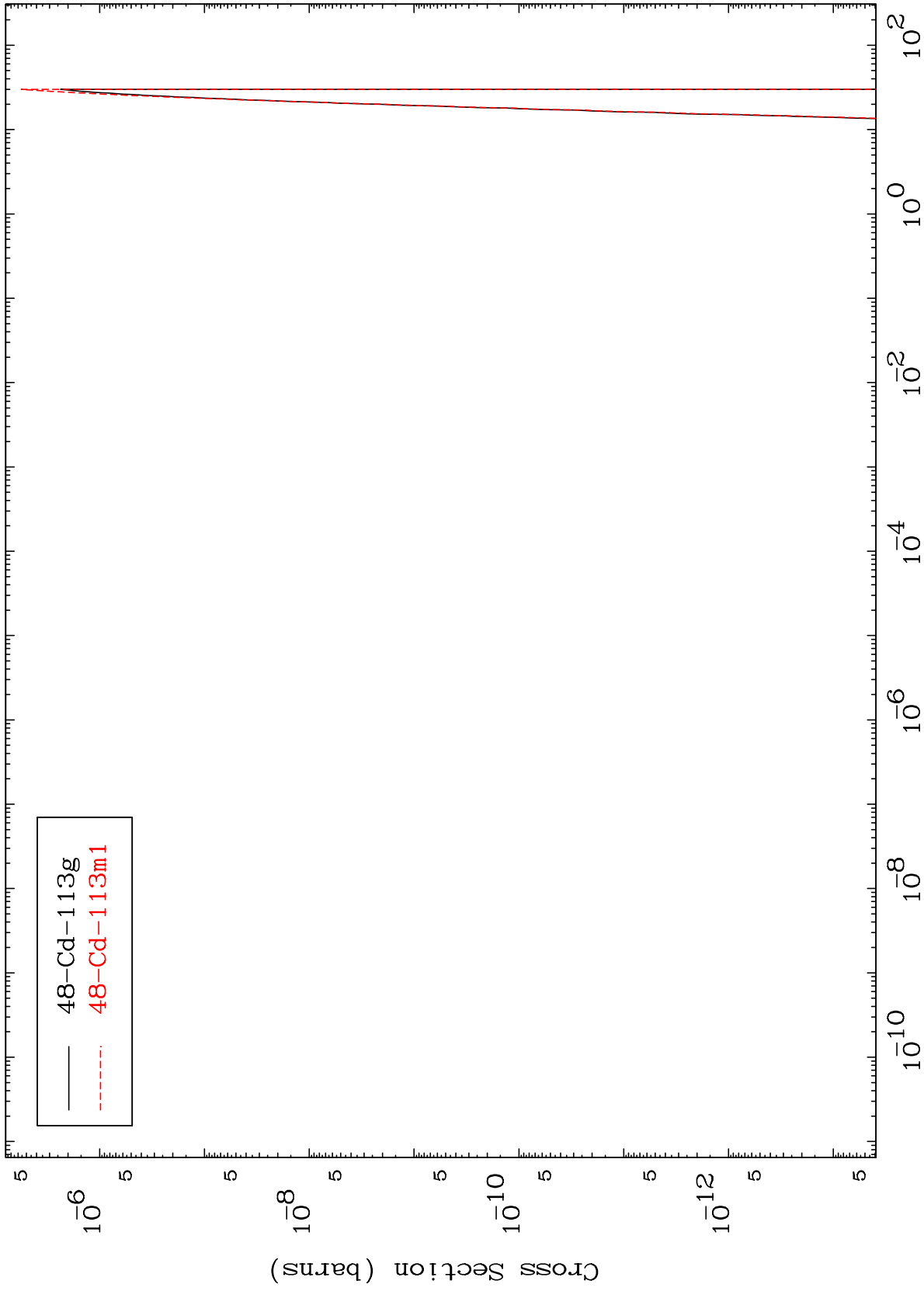
52-Te-120

MAT 5225

(n,2α)

52-Te-120

Radionuclide Production Cross Section

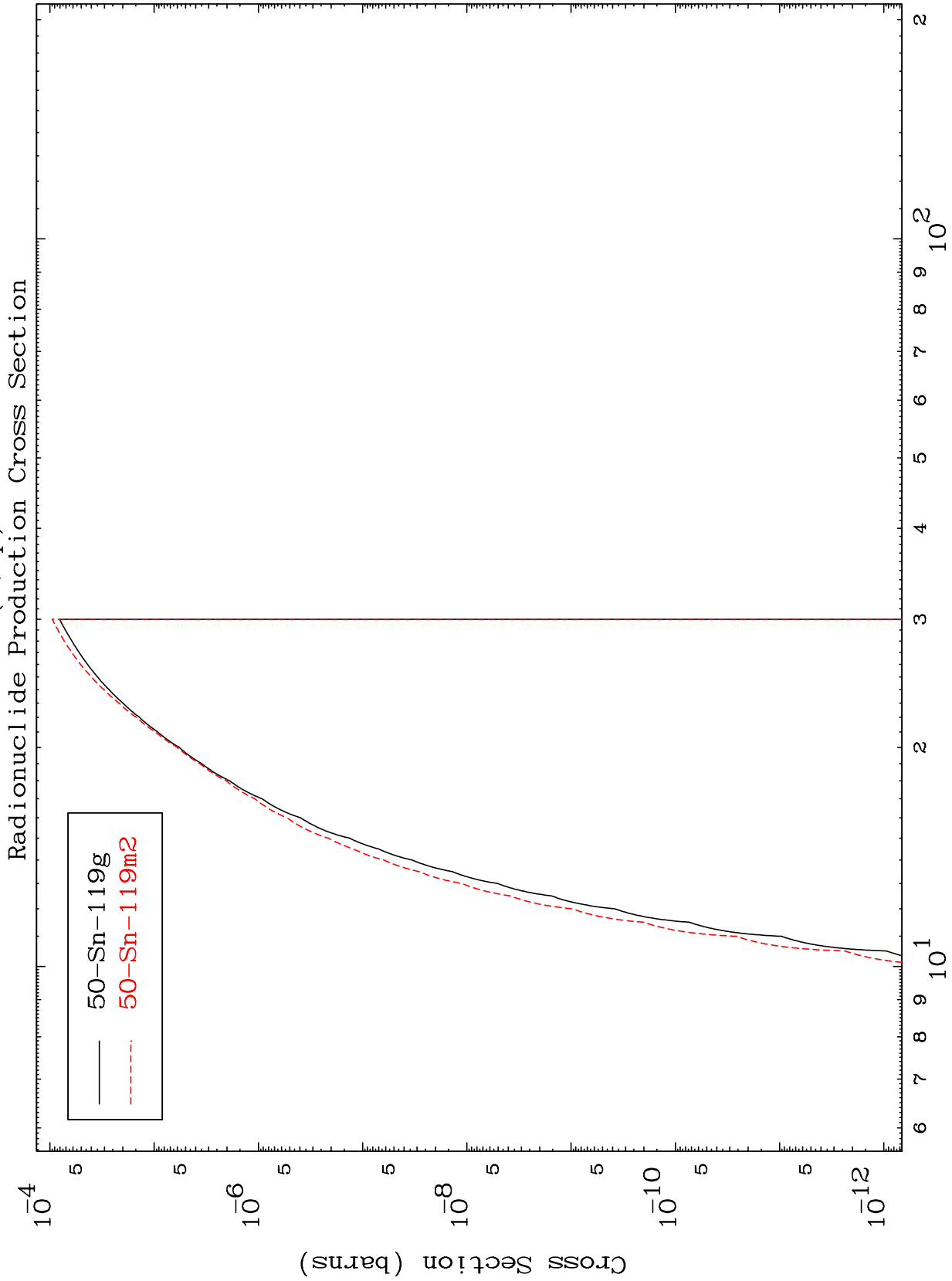


48-Cd-113g
48-Cd-113m1

MAT 5225

52-Te-120

Radionuclide Production Cross Section



140

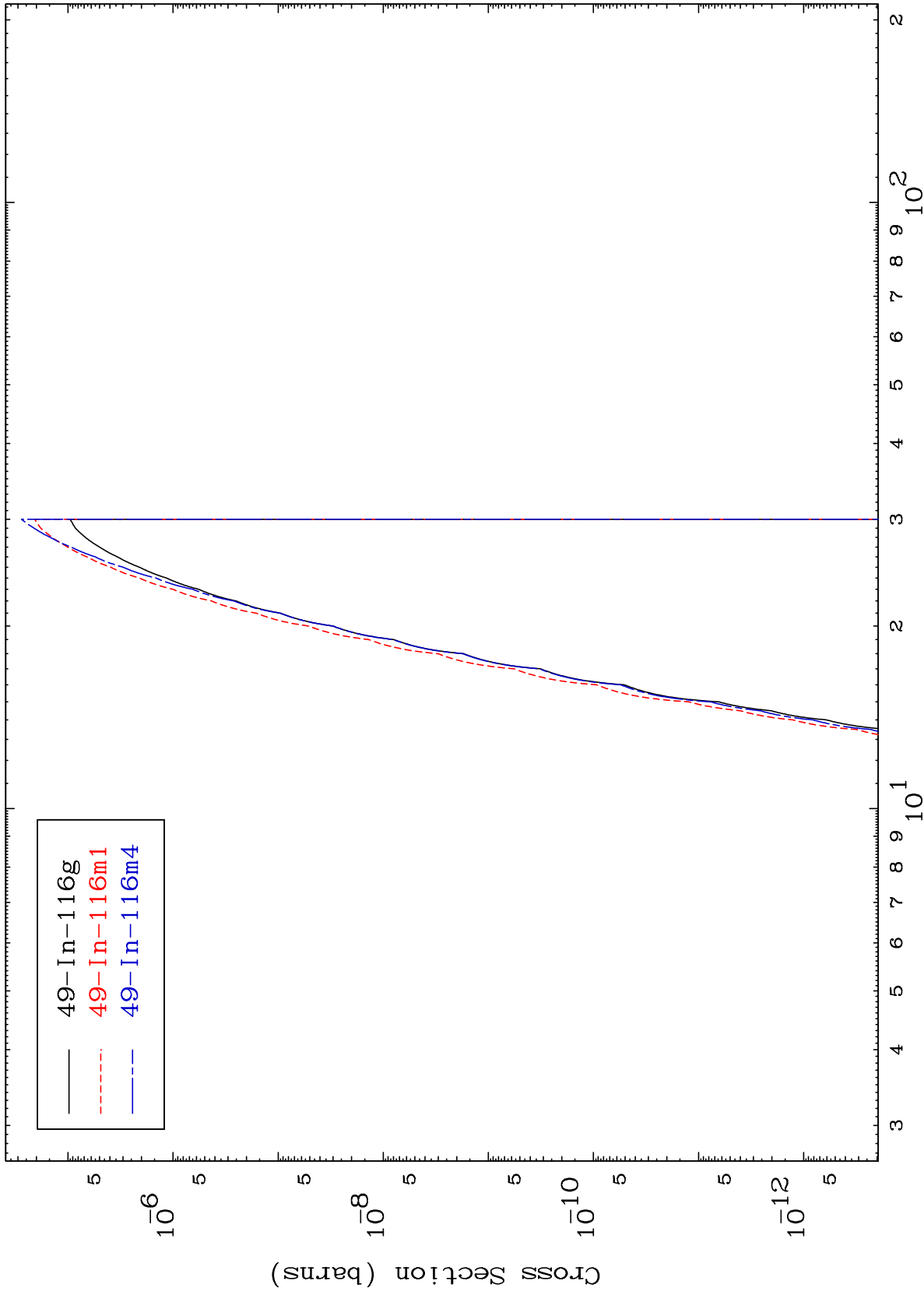
52-Te-120

MAT 5225

(n,p) α

52-Te-120

Radionuclide Production Cross Section



141

Incident Energy (MeV)

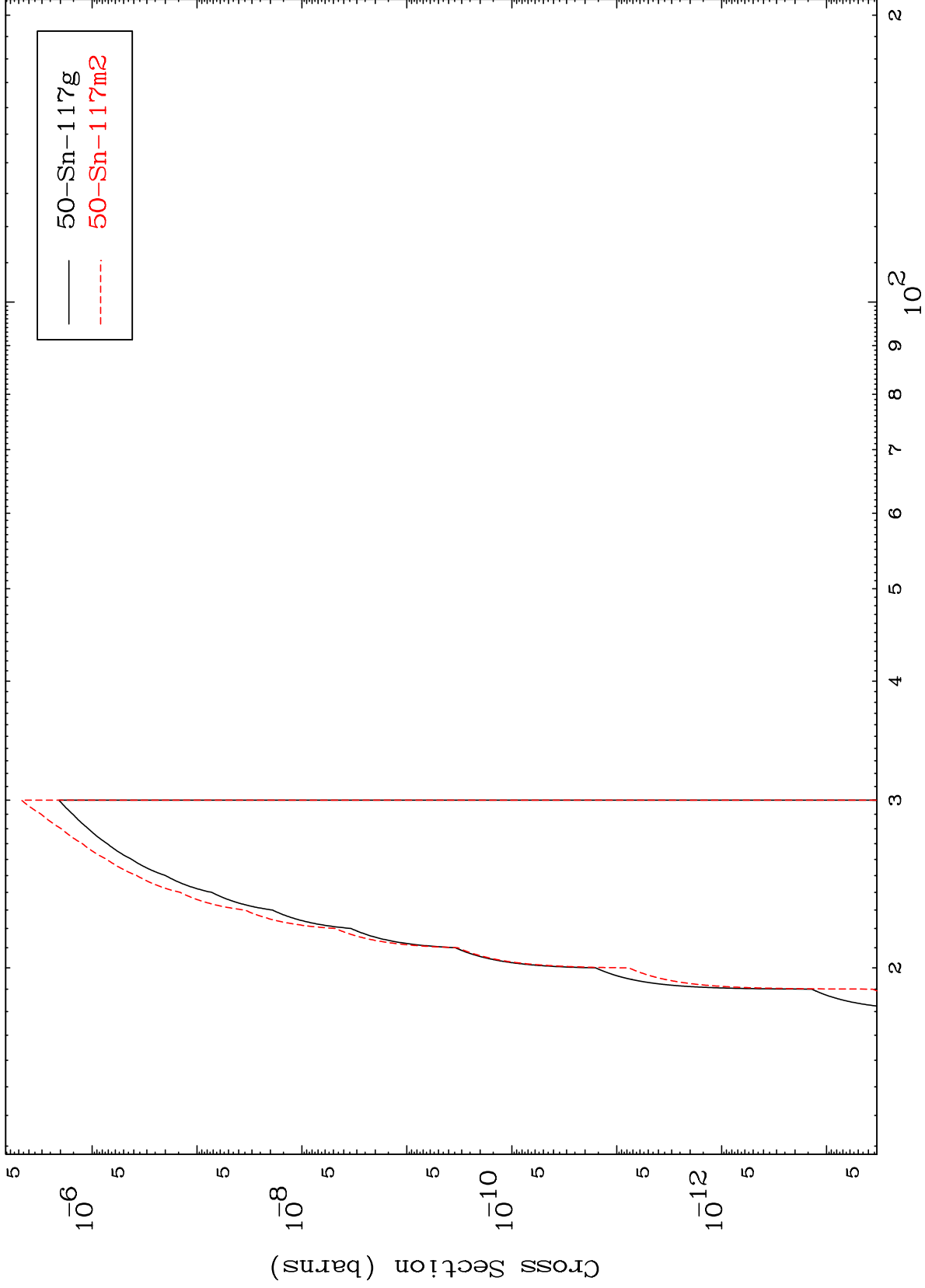
52-Te-120

MAT 5225

(n,p) t

⁵²Te-120

Radionuclide Production Cross Section



142

Incident Energy (MeV)

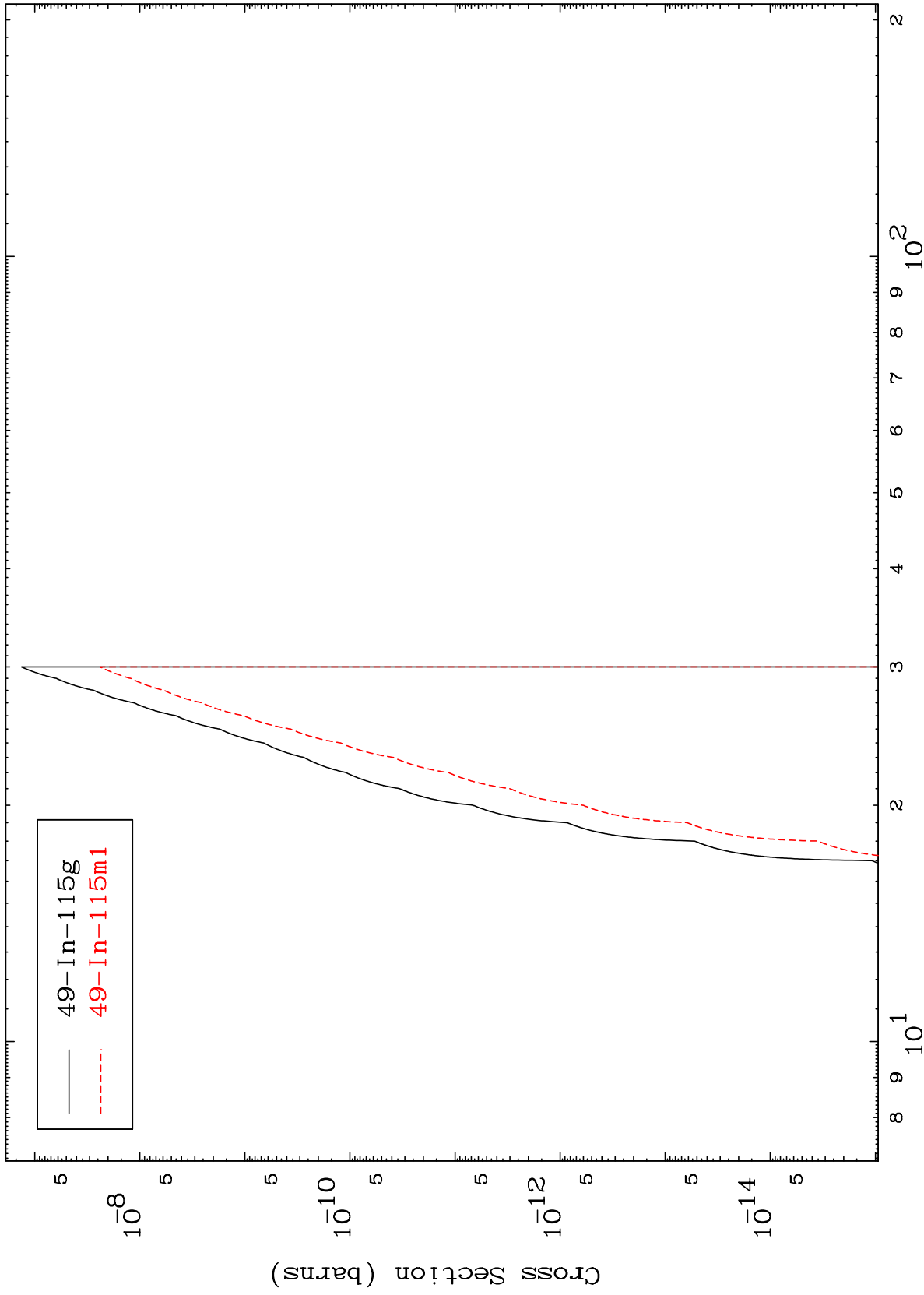
⁵²Te-120

MAT 5225

(n,d) α

52-Te-120

Radionuclide Production Cross Section



143

Incident Energy (MeV)

52-Te-120