

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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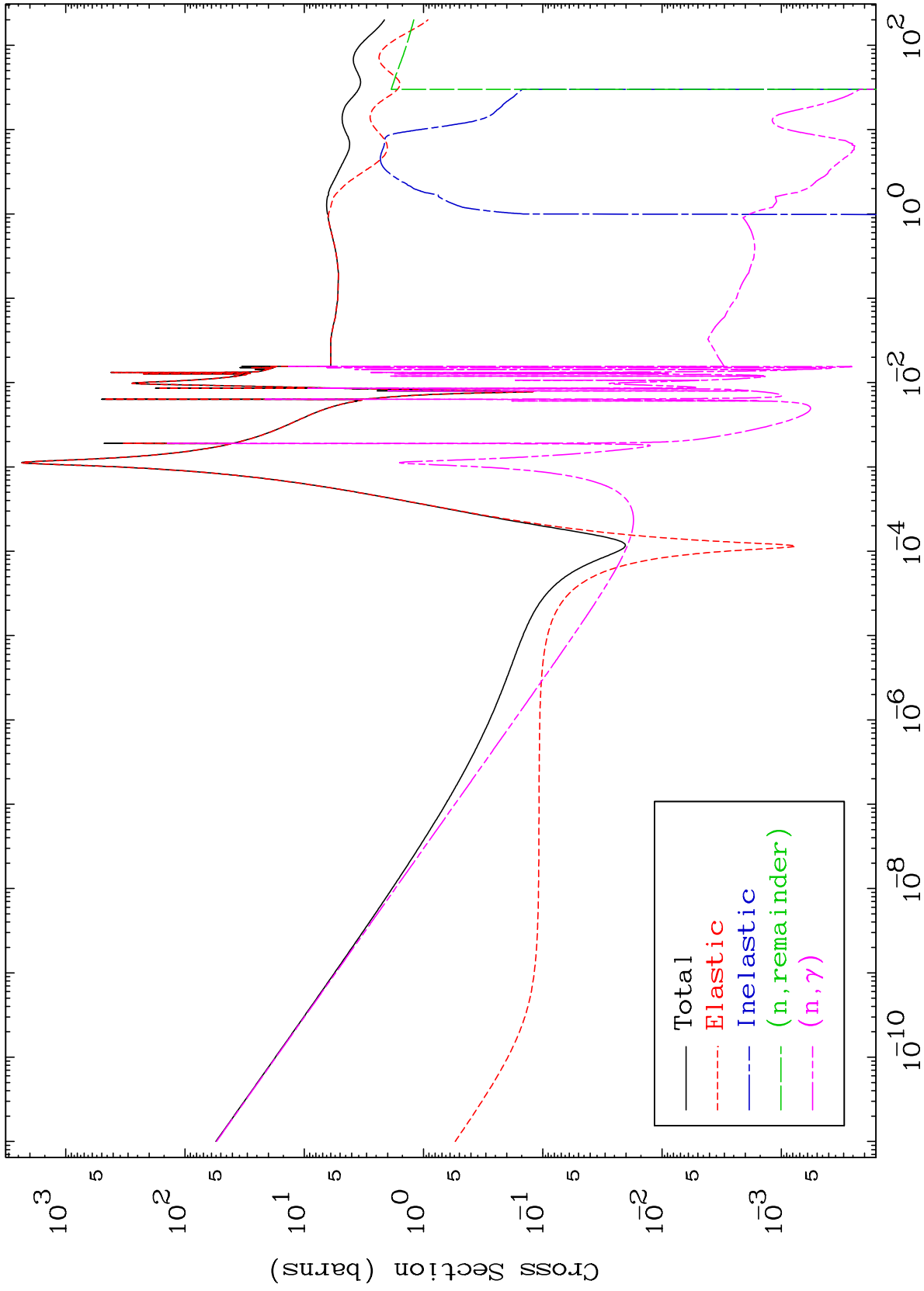
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5261

Major
293 Kelvin Cross Sections

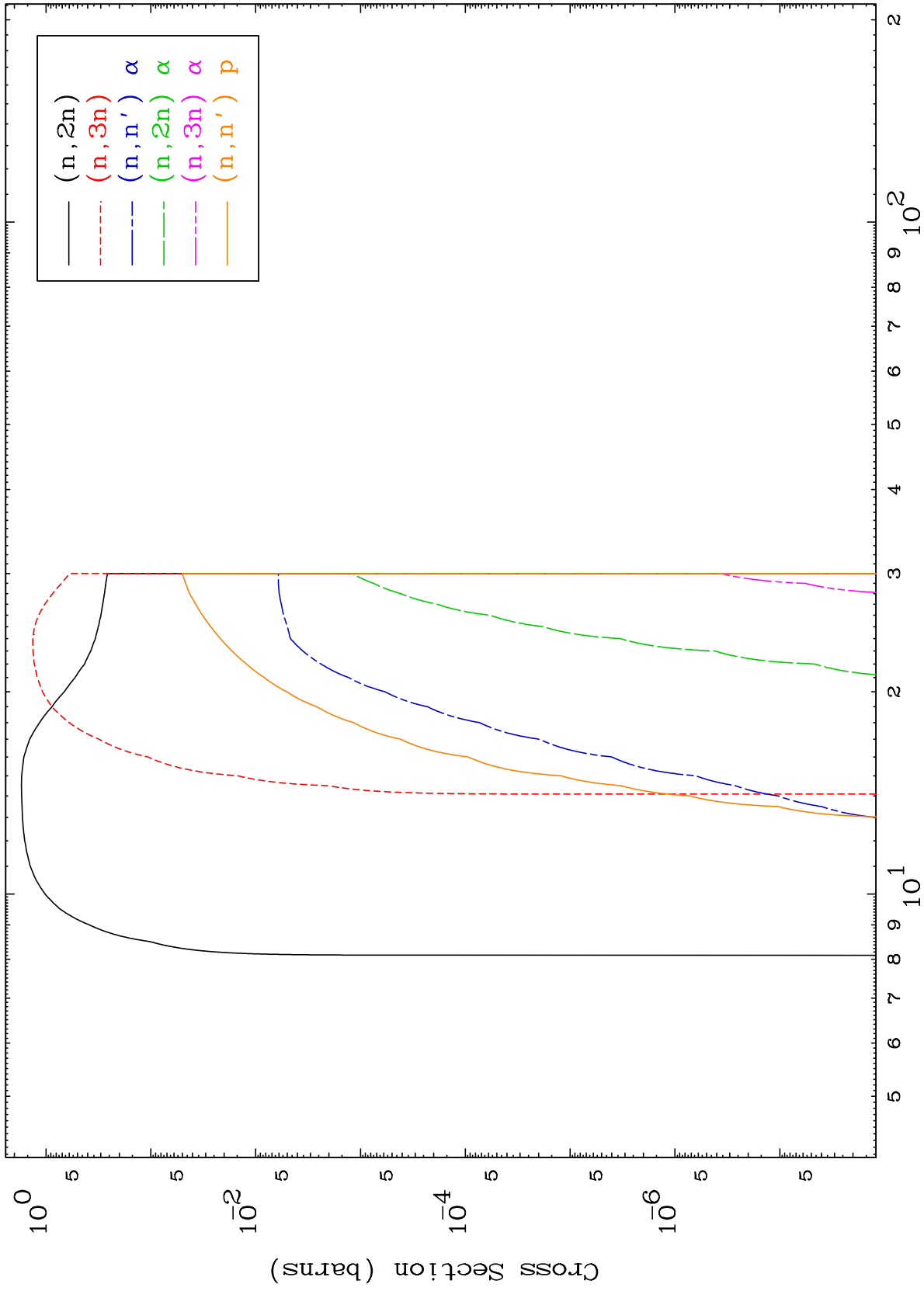
52-Te-132



MAT 5261

Neutron Production
293 Kelvin Cross Sections

52-Te-132



2

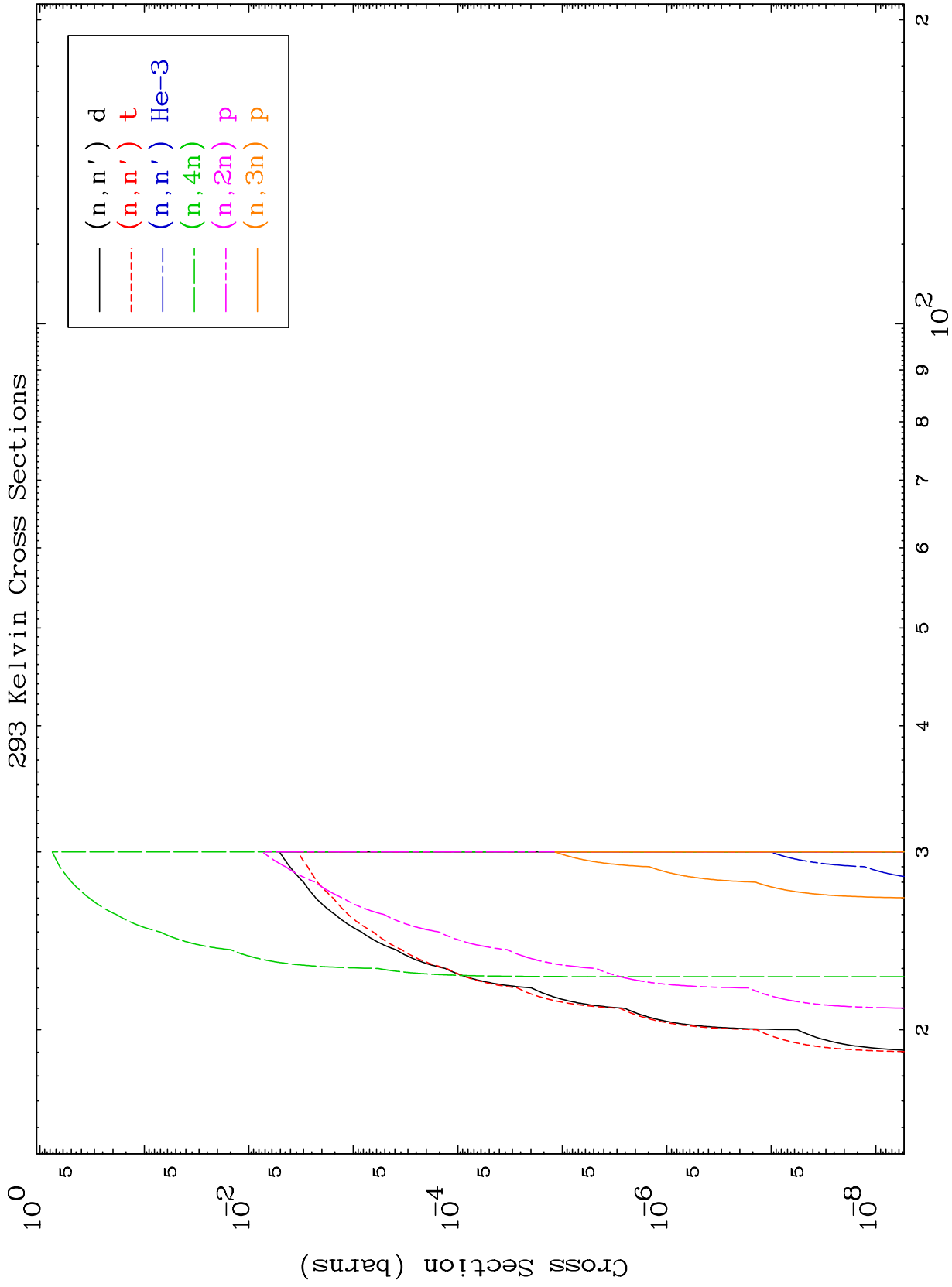
Incident Energy (MeV)

52-Te-132

MAT 5261

Neutron Production
293 Kelvin Cross Sections

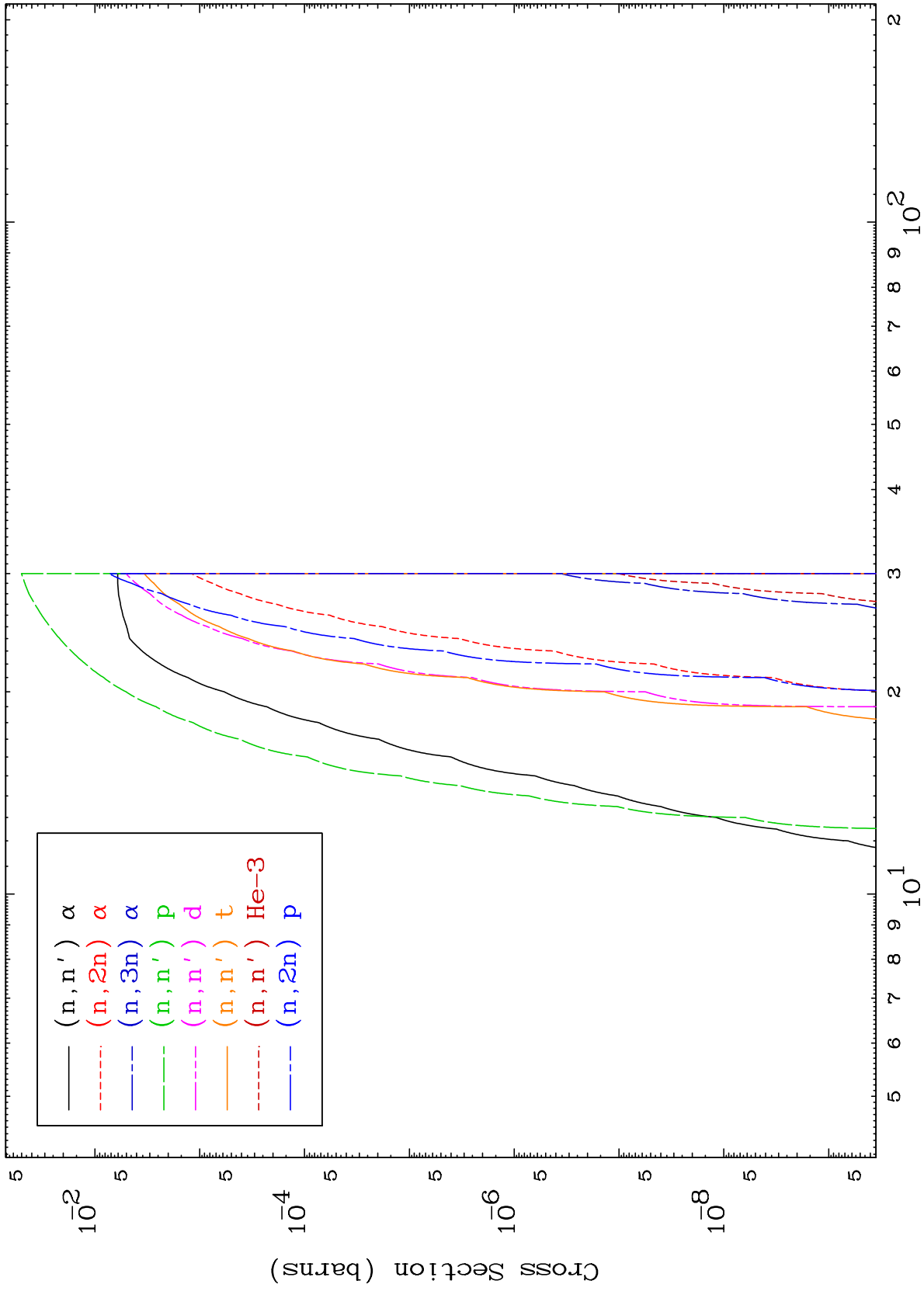
52-Te-132



3

Incident Energy (MeV)

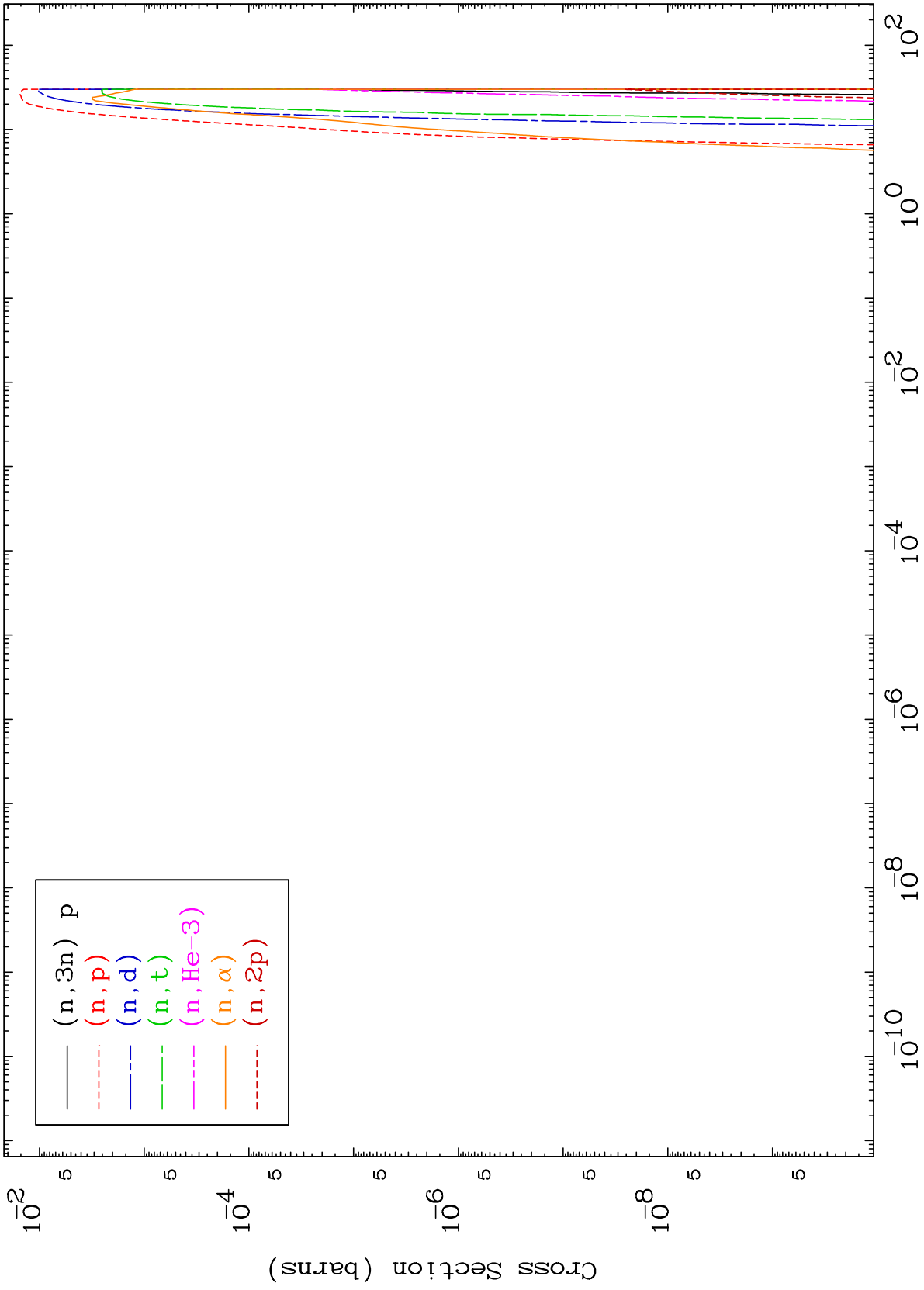
52-Te-132



MAT 5261

Charged Particle
293 Kelvin Cross Sections

52-Te-132



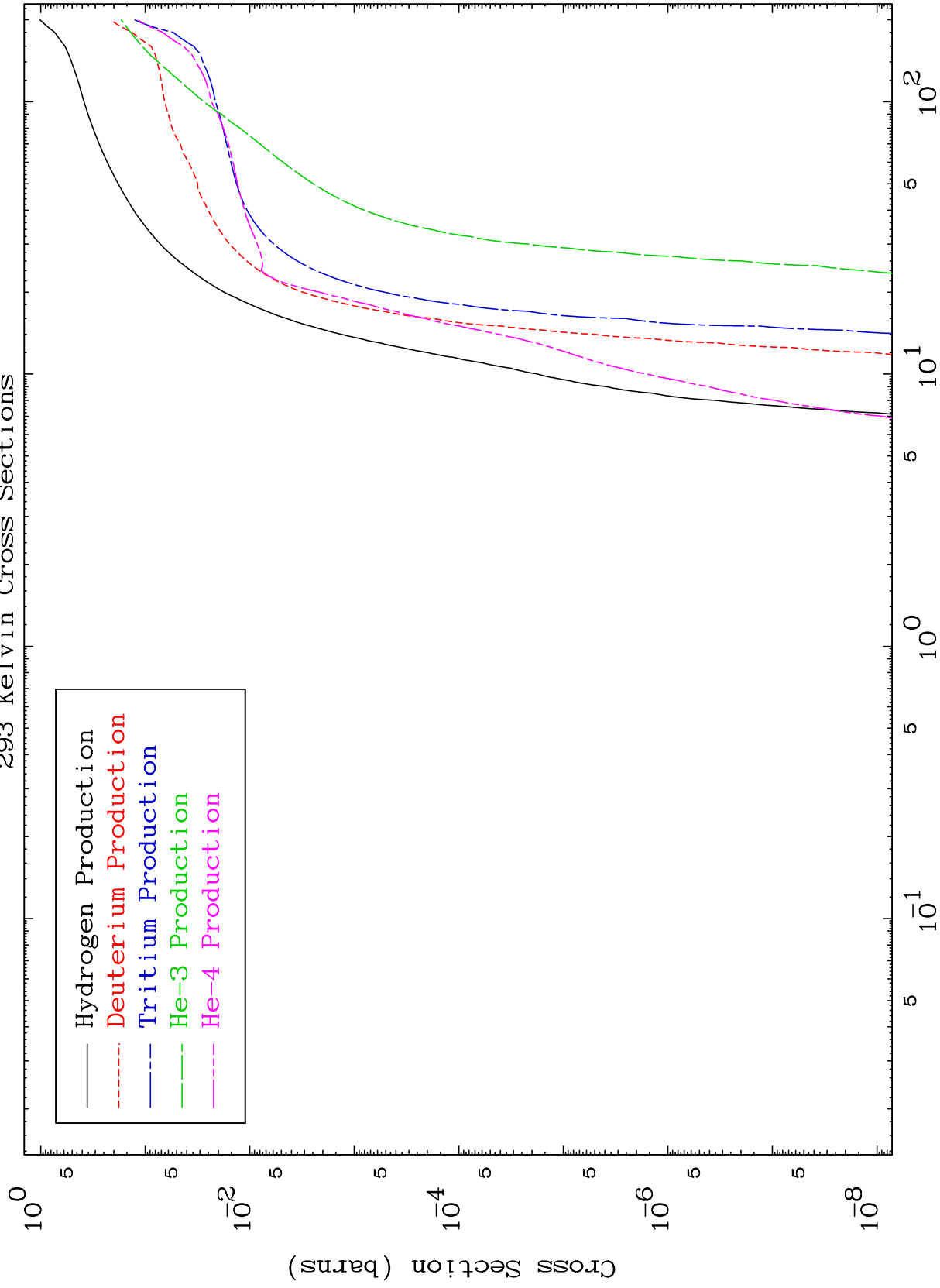
5

52-Te-132

MAT 5261

Particle Production
293 Kelvin Cross Sections

52-Te-132



6

Incident Energy (MeV)

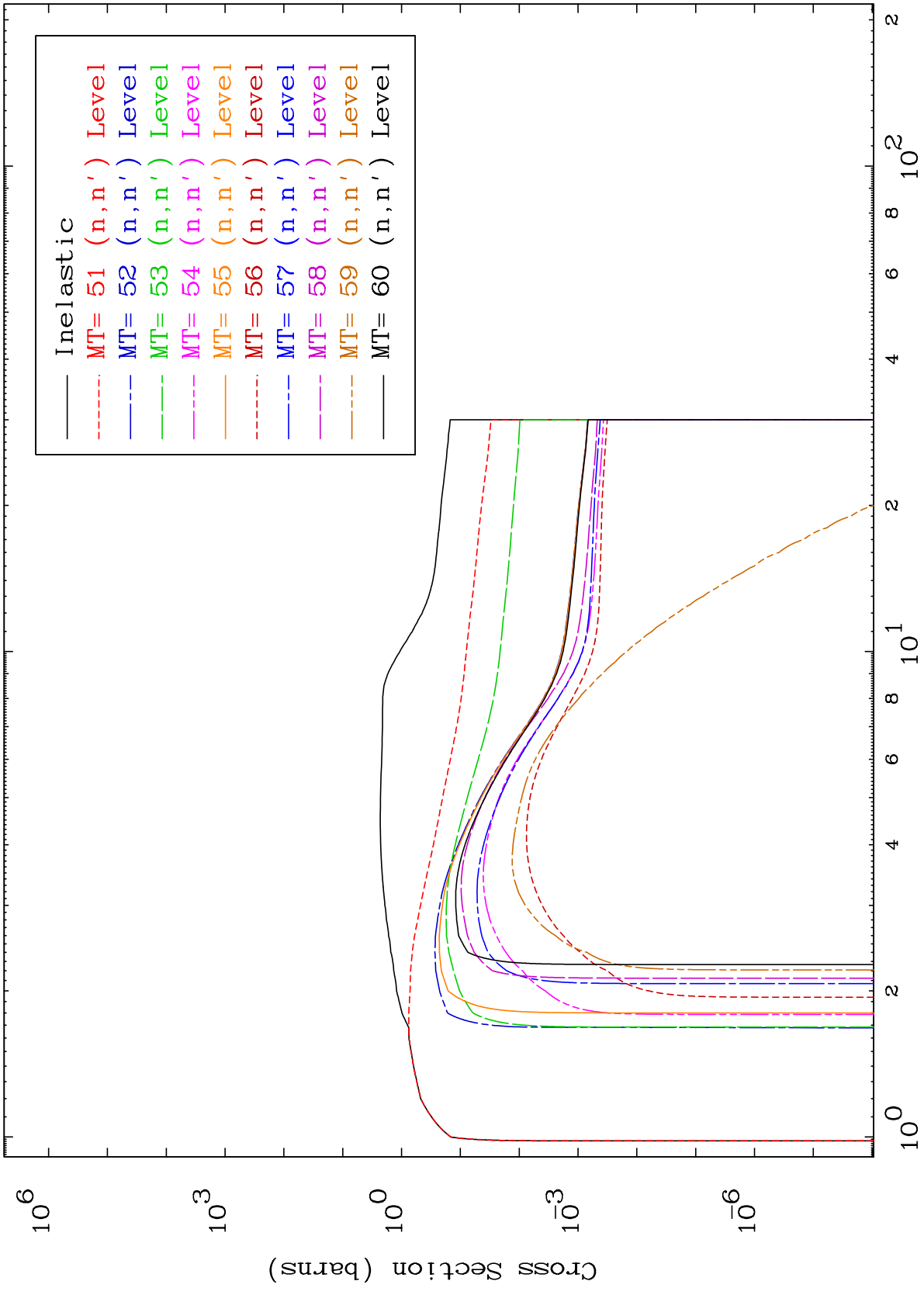
52-Te-132

MAT 5261

(n,n') Level

52-Te-132

293 Kelvin Cross Sections



Incident Energy (MeV)

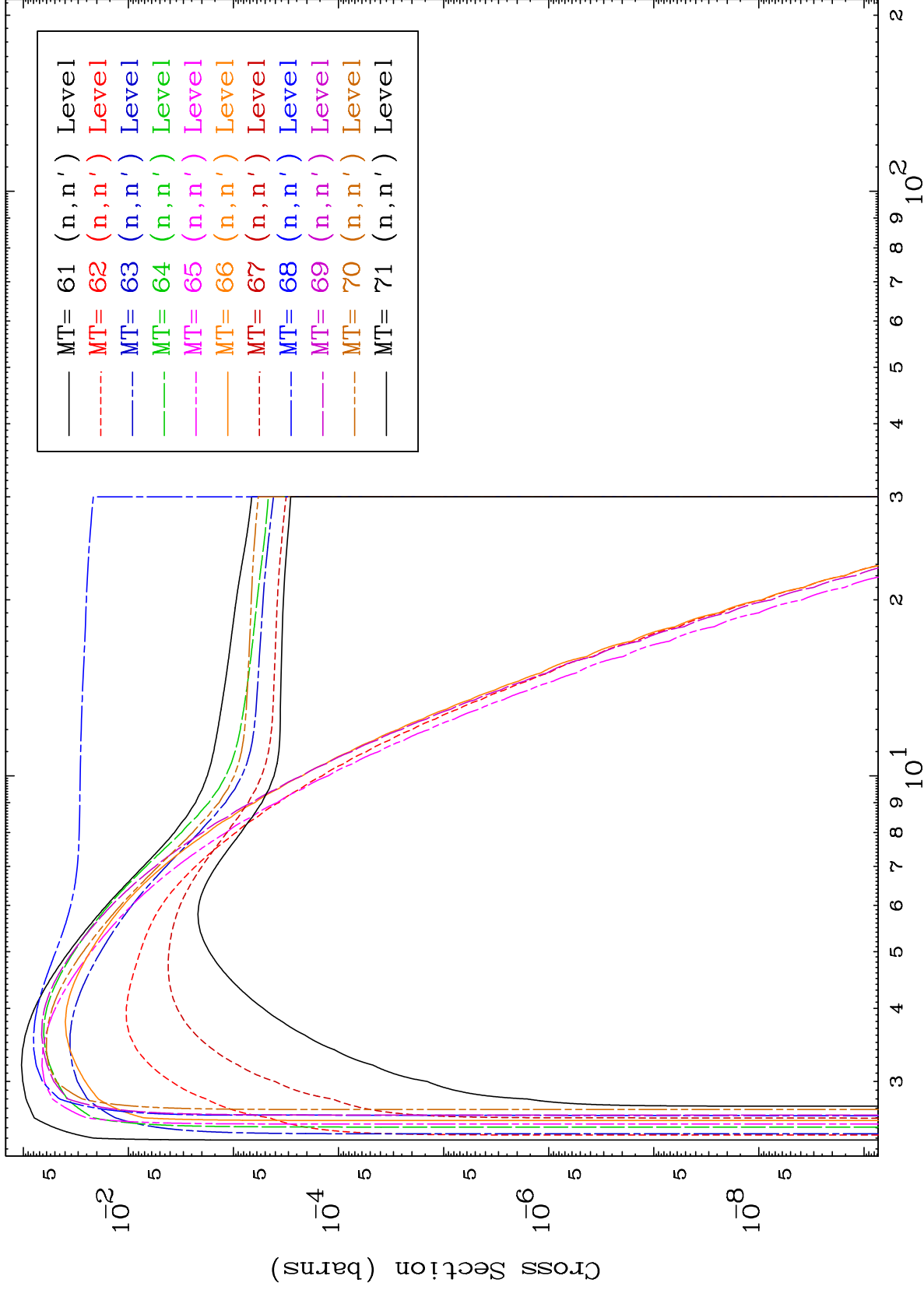
52-Te-132

MAT 5261

(n,n') Level

293 Kelvin Cross Sections

52-Te-132



8

Incident Energy (MeV)

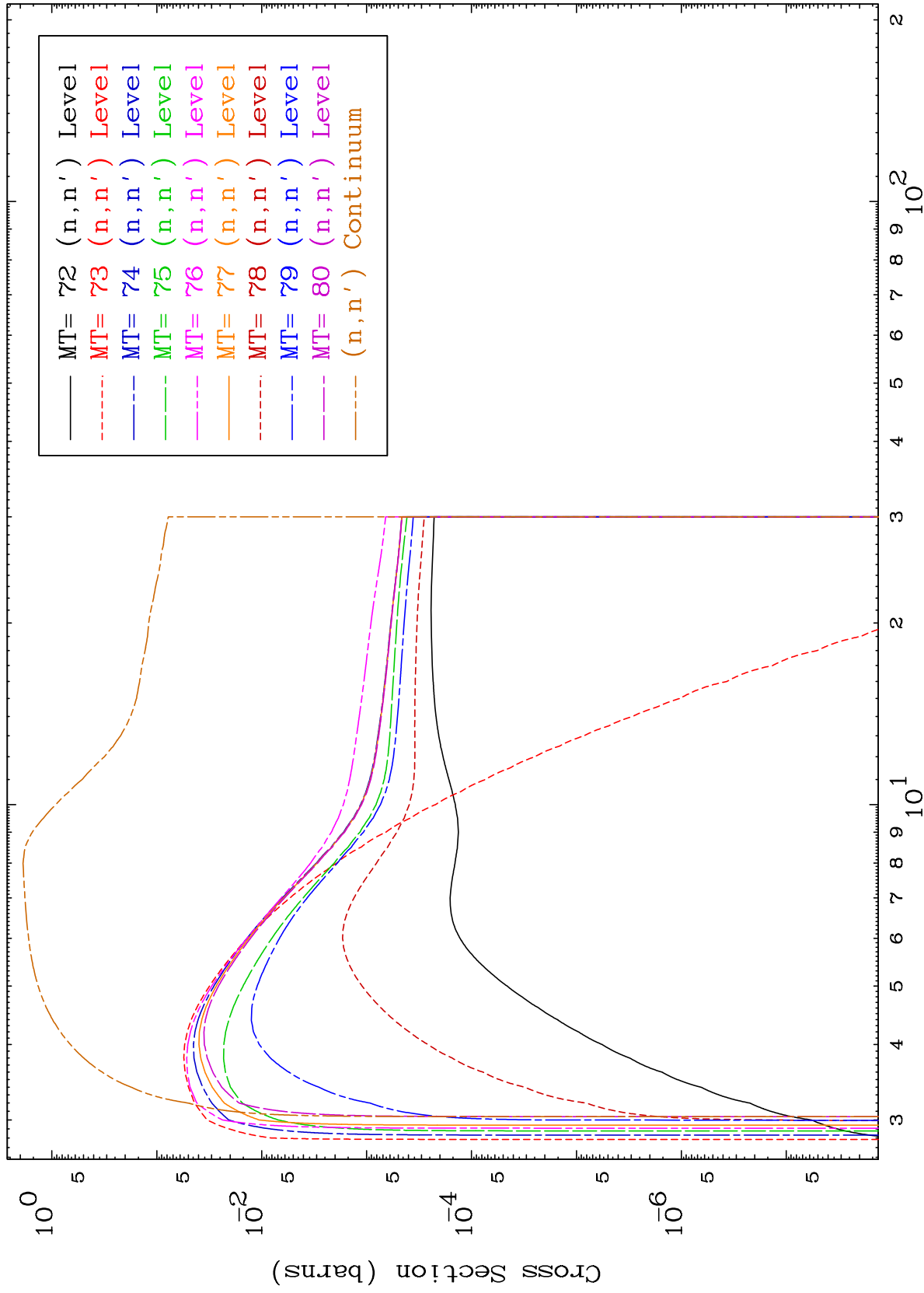
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MAT 5261

(n,n') Level

52-Te-132

293 Kelvin Cross Sections



9

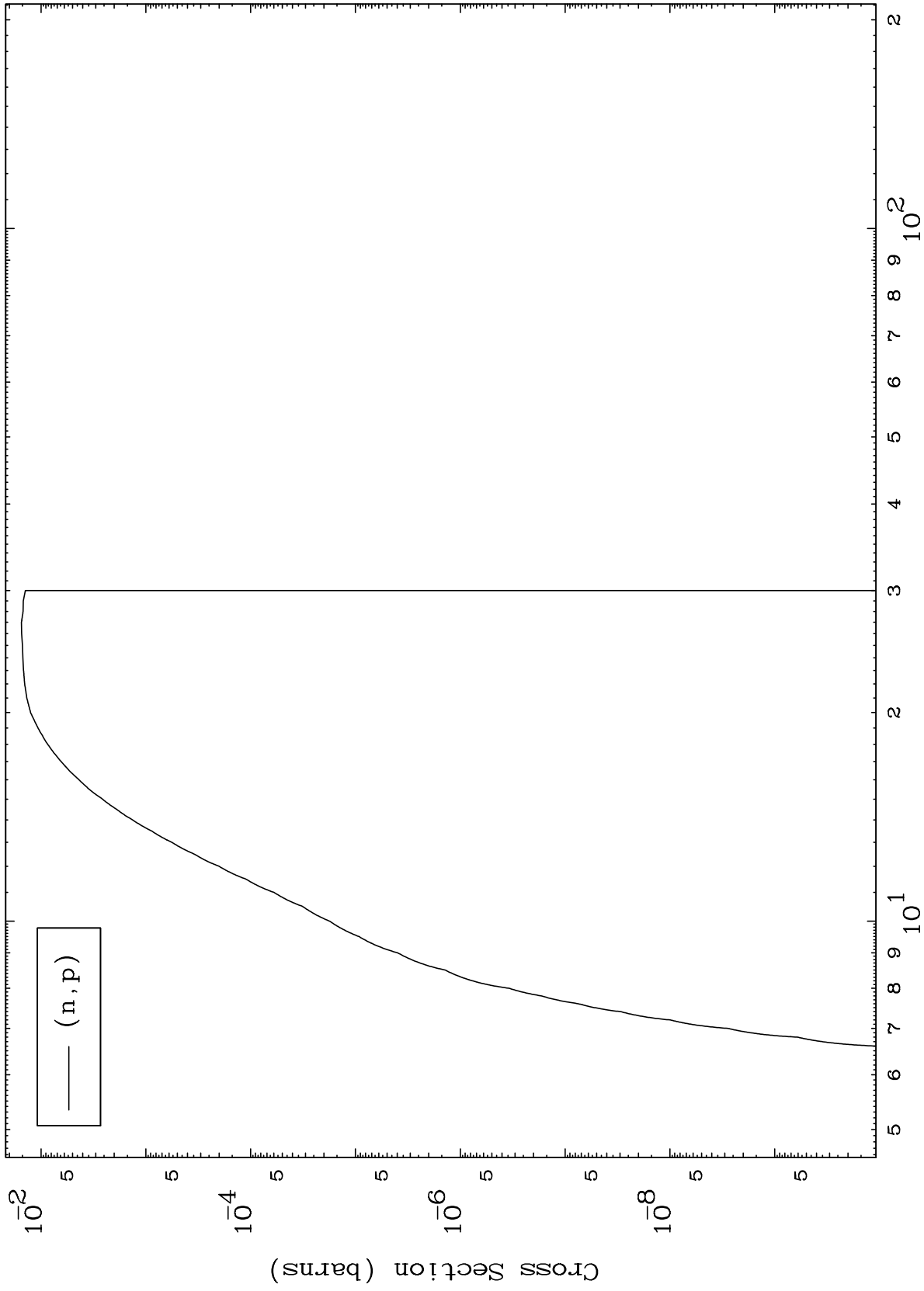
Incident Energy (MeV)

52-Te-132

MAT 5261

(n,p) Levels
293 Kelvin Cross Sections

52-Te-132



10

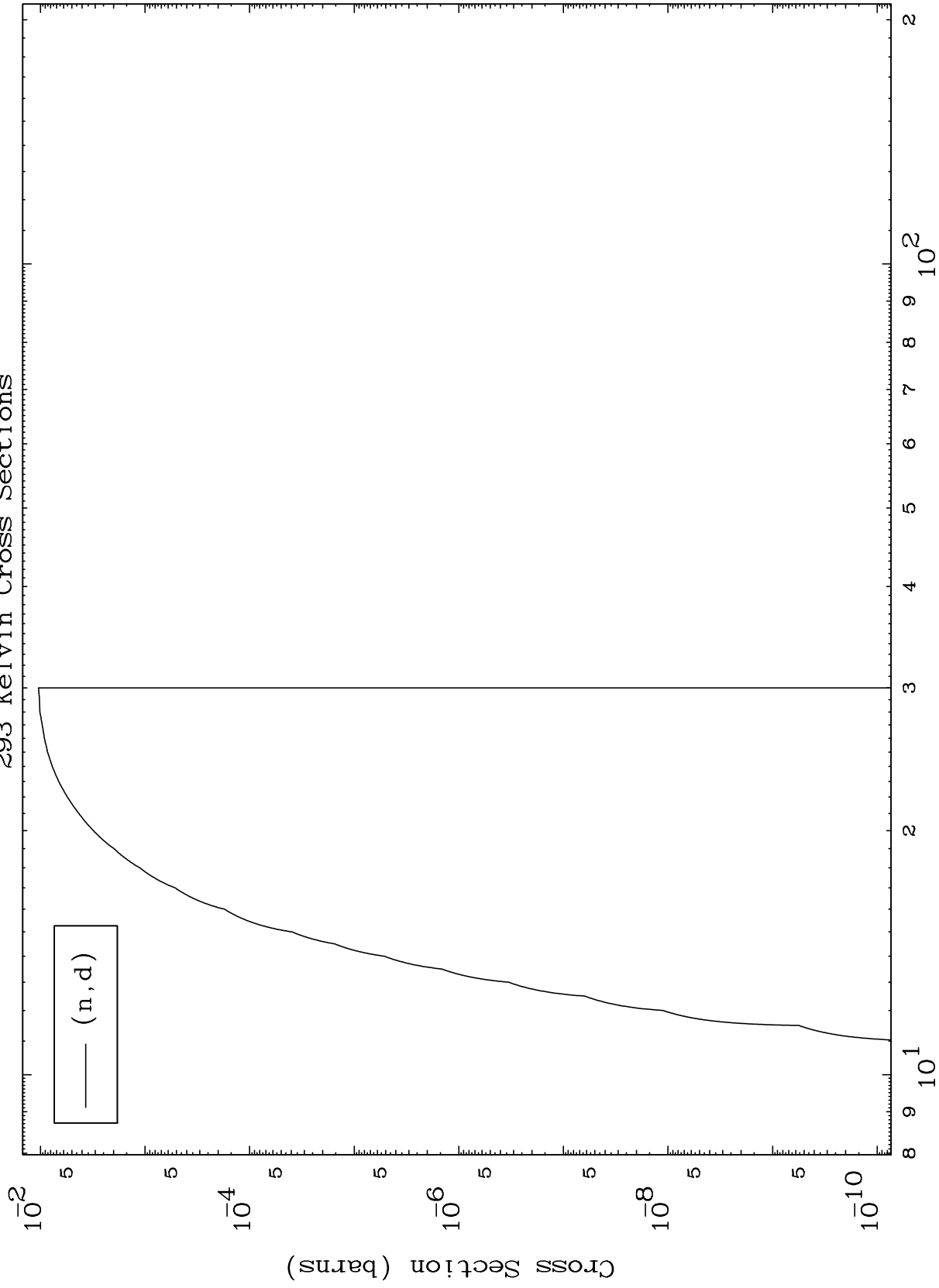
Incident Energy (MeV)

52-Te-132

MAT 5261

(n,d) Levels
293 Kelvin Cross Sections

52-Te-132



11

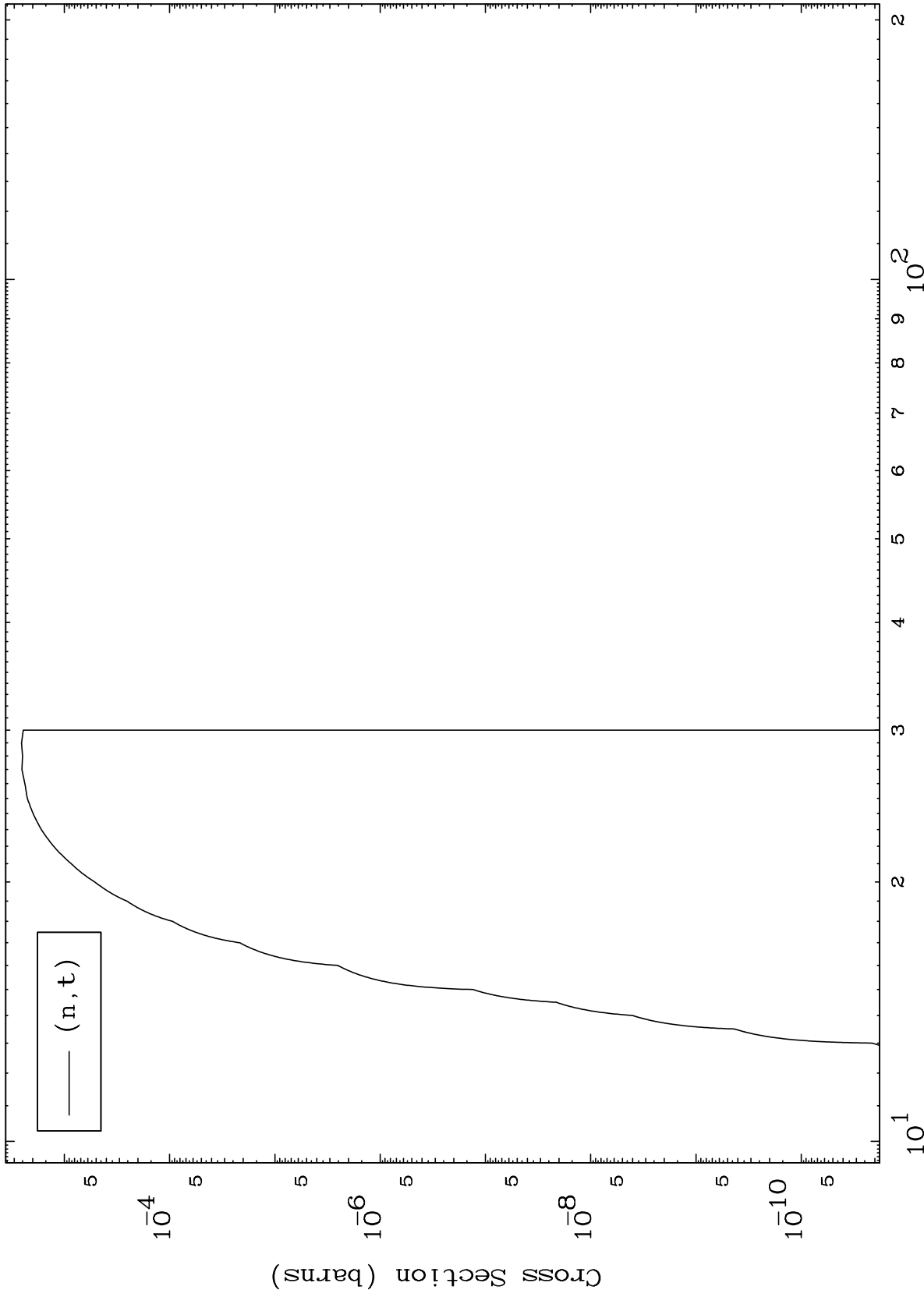
Incident Energy (MeV)

52-Te-132

MAT 5261

(n,t) Levels
293 Kelvin Cross Sections

52-Te-132



12

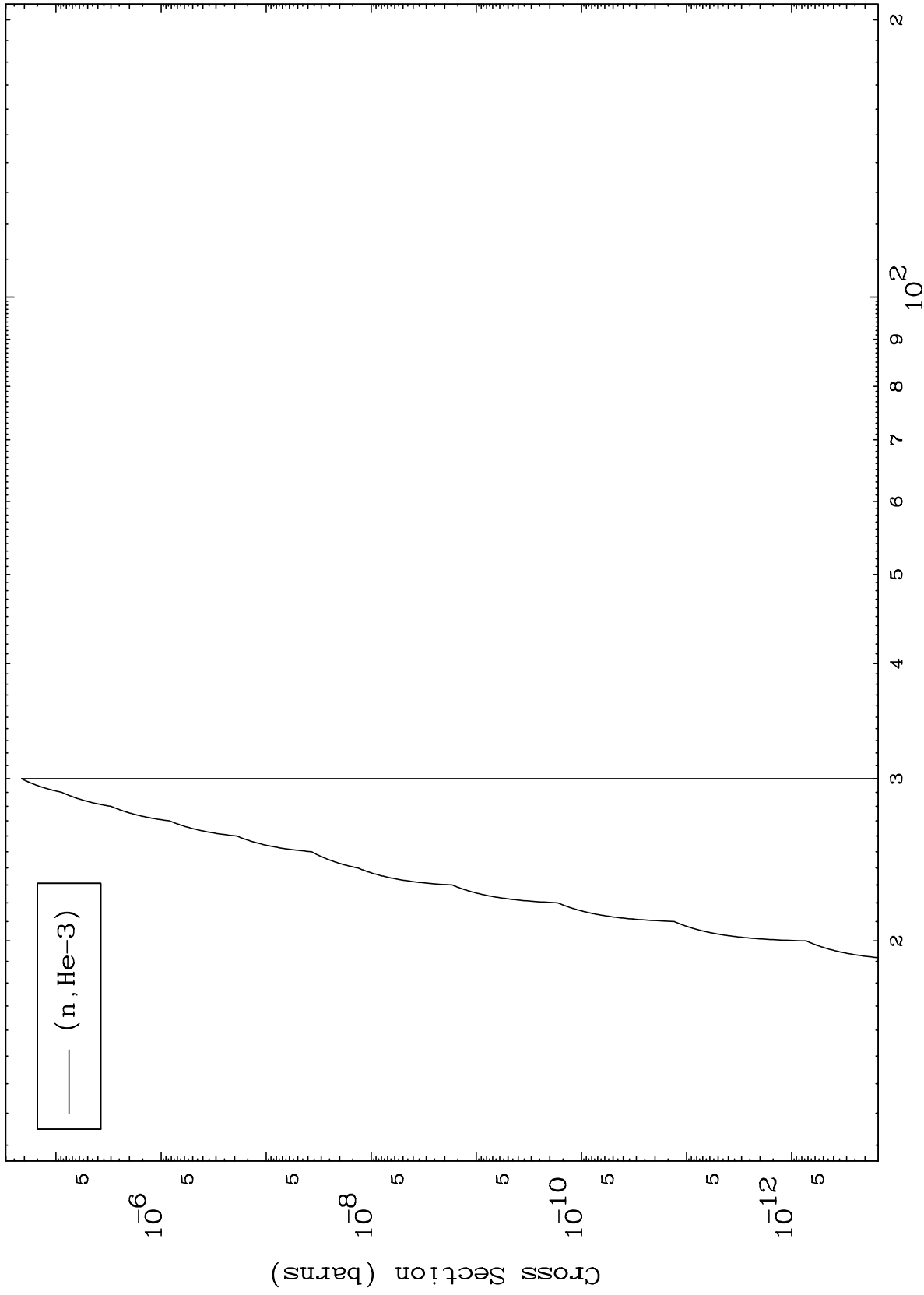
Incident Energy (MeV)

52-Te-132

MAT 5261

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-132



13

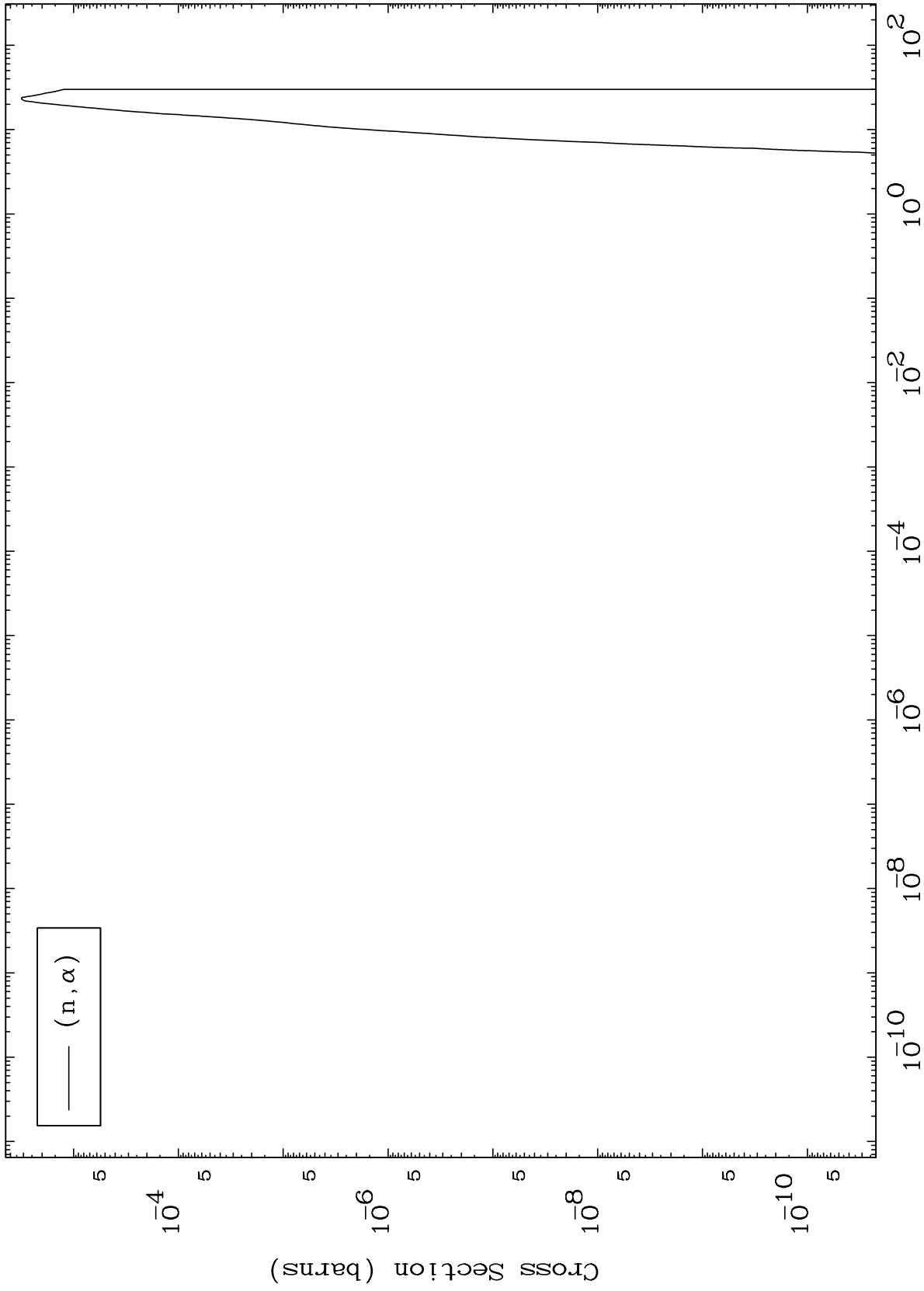
Incident Energy (MeV)

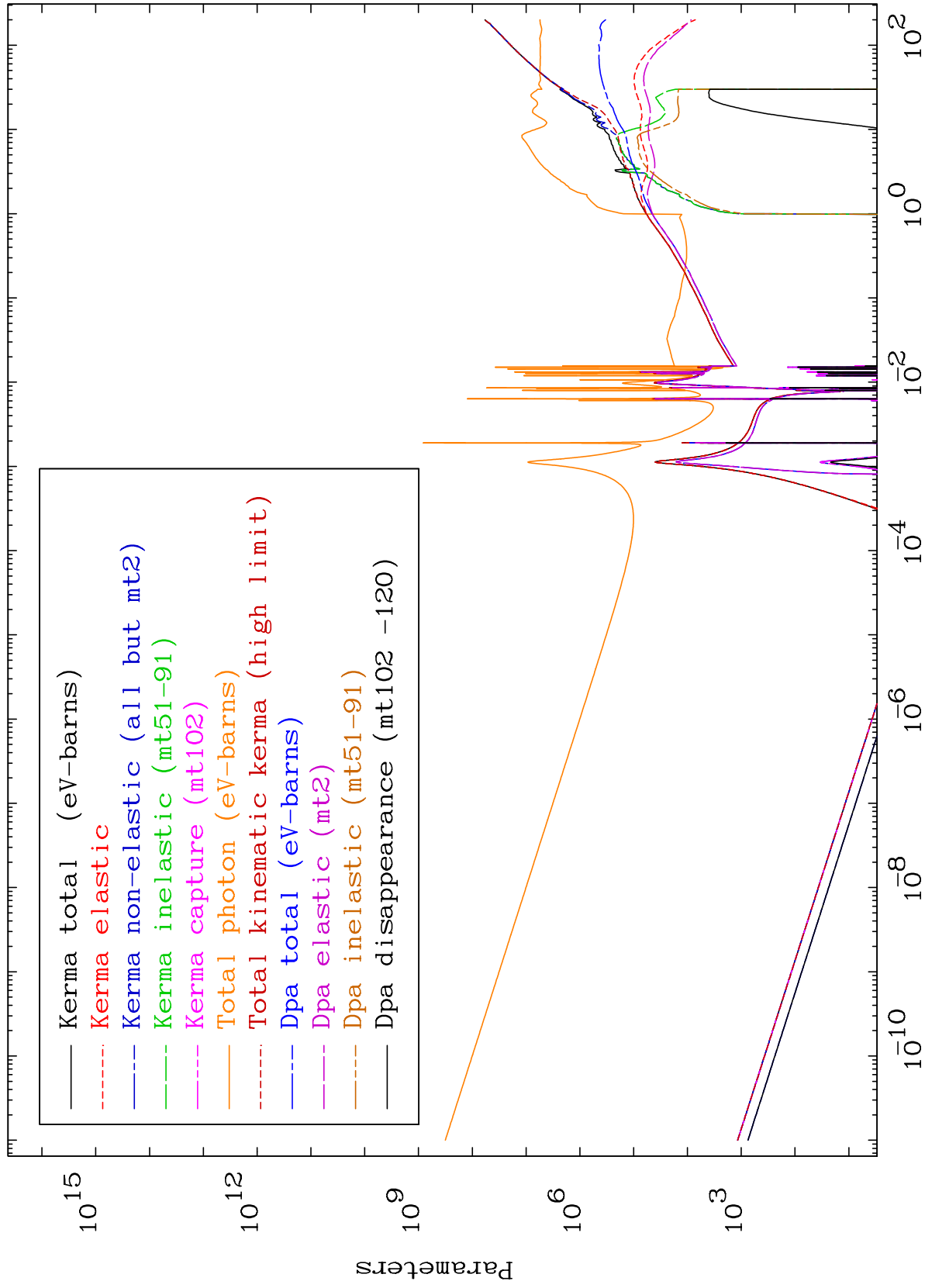
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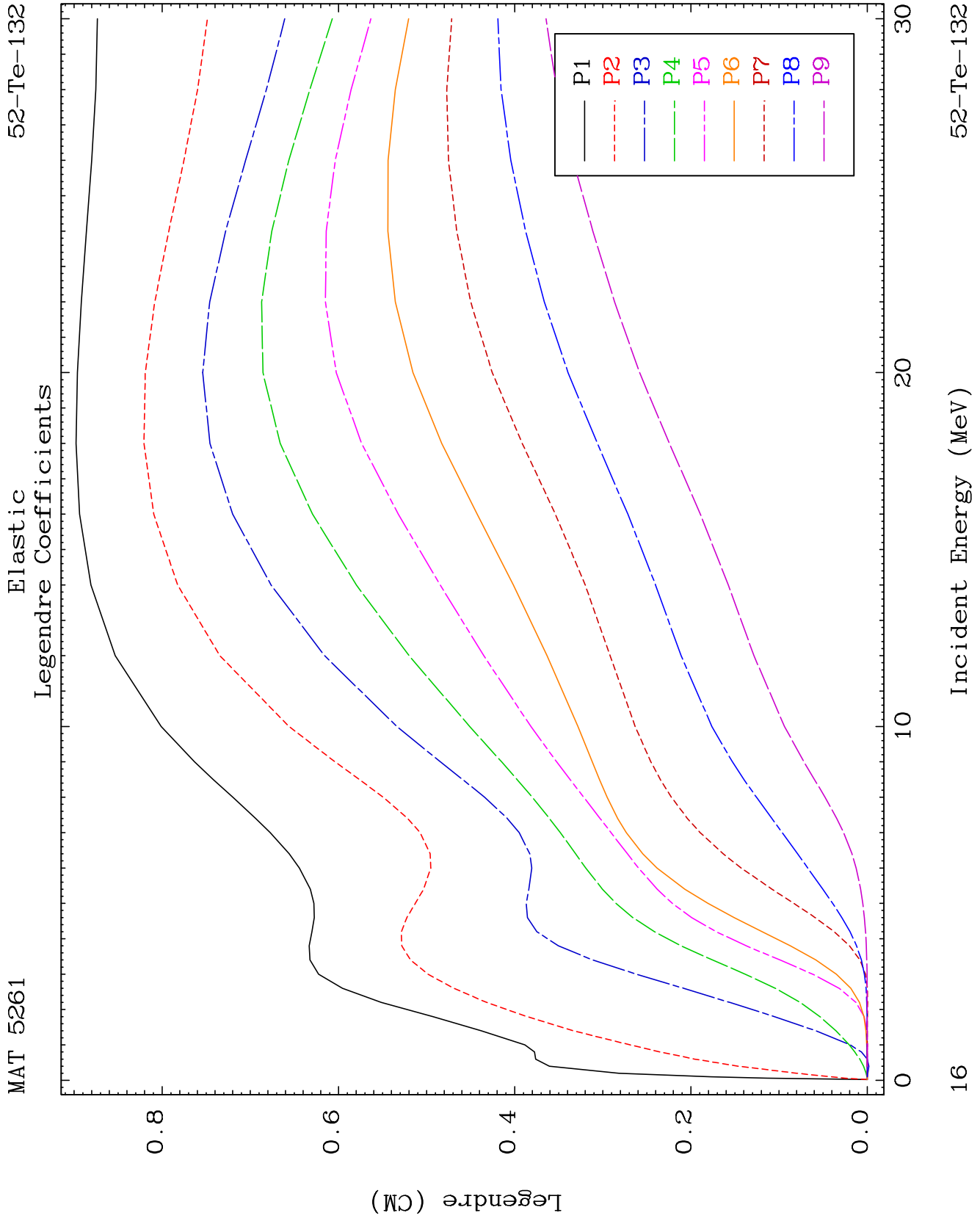
MAT 5261

(n,α) Levels
293 Kelvin Cross Sections

52-Te-132



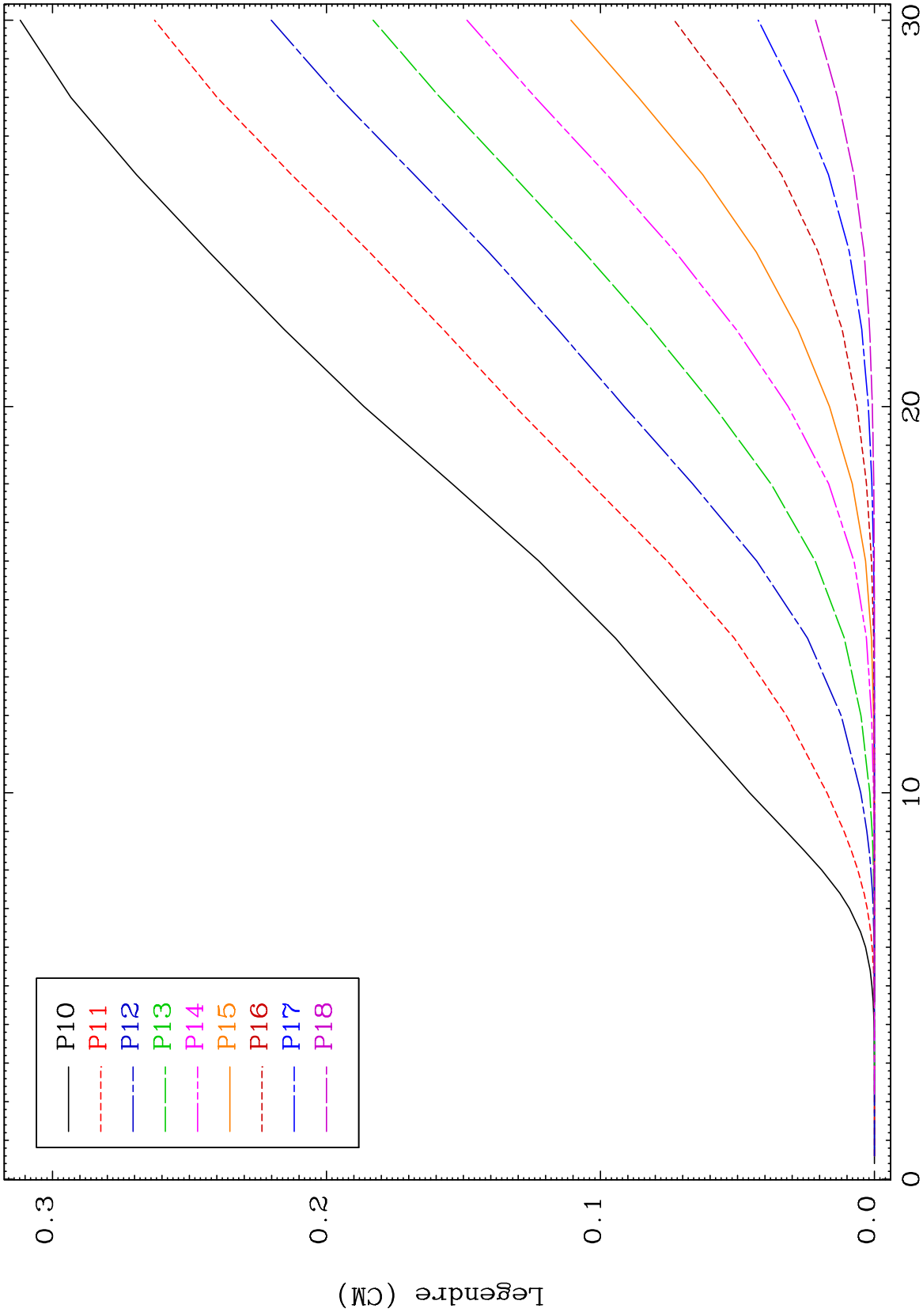




MAT 5261

Elastic Legendre Coefficients

52-Te-132



17

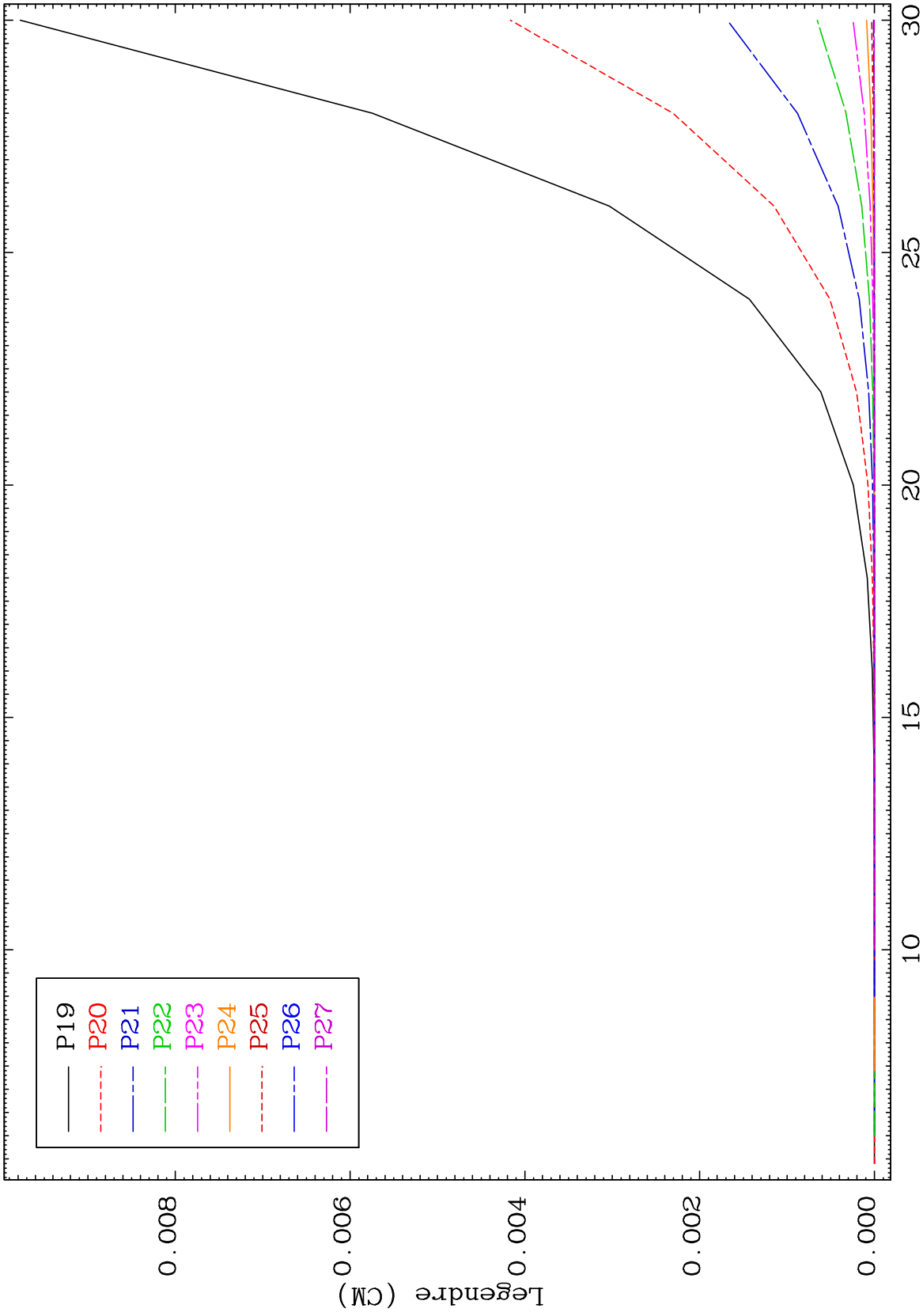
Incident Energy (MeV)

52-Te-132

MAT 5261

Elastic Legendre Coefficients

52-Te-132



18

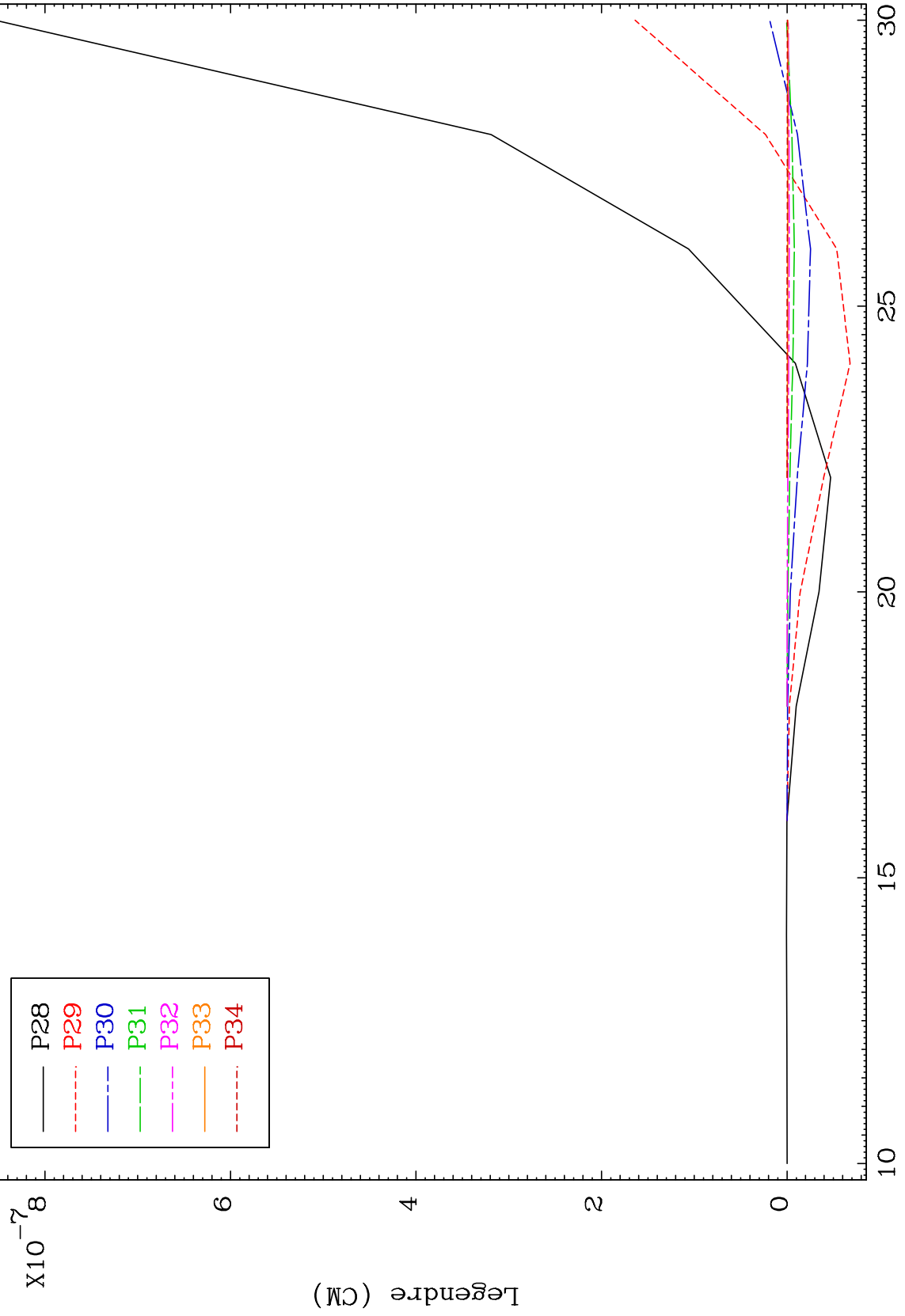
Incident Energy (MeV)

52-Te-132

MAT 5261

Elastic Legendre Coefficients

52-Te-132

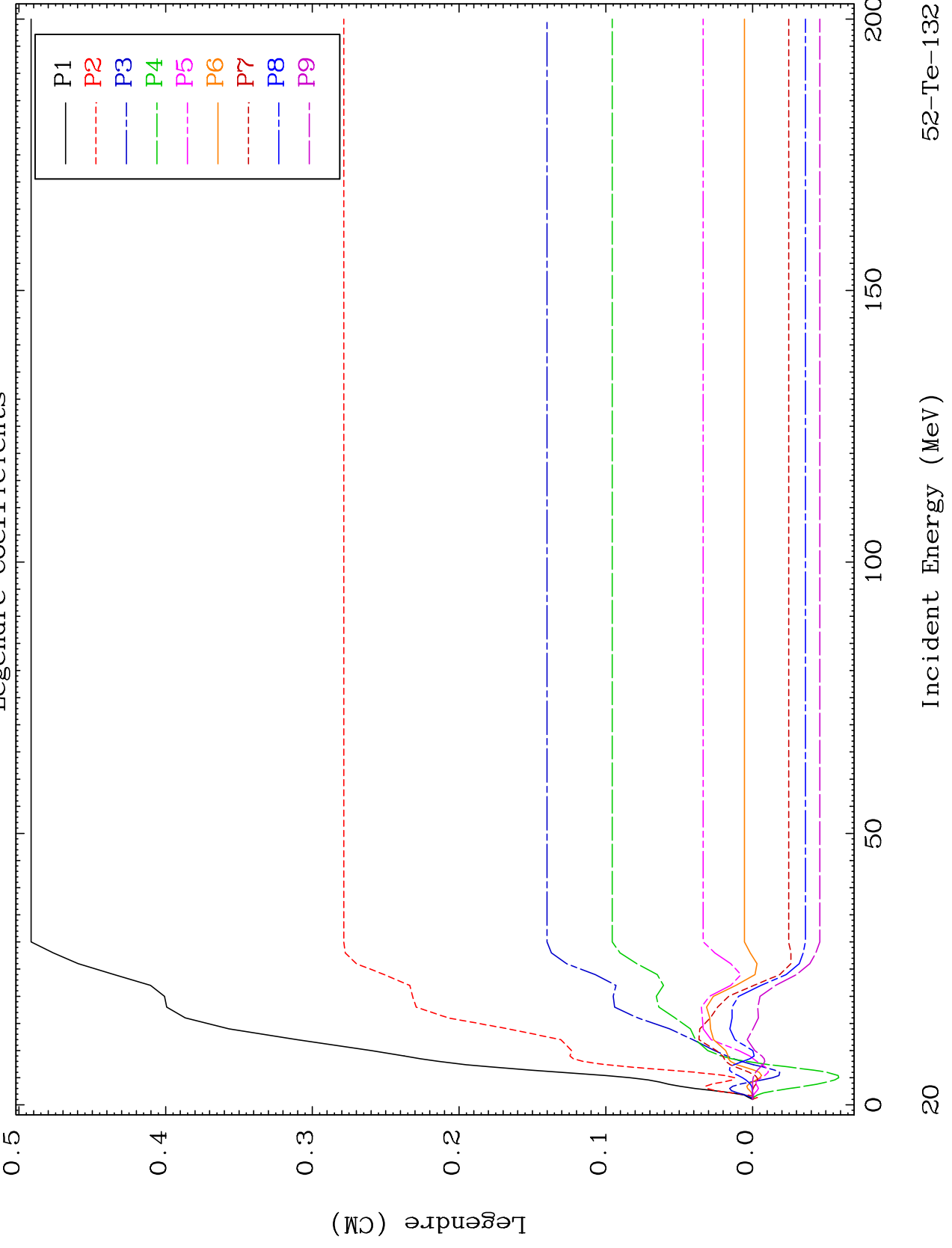


19

Incident Energy (MeV)

52-Te-132

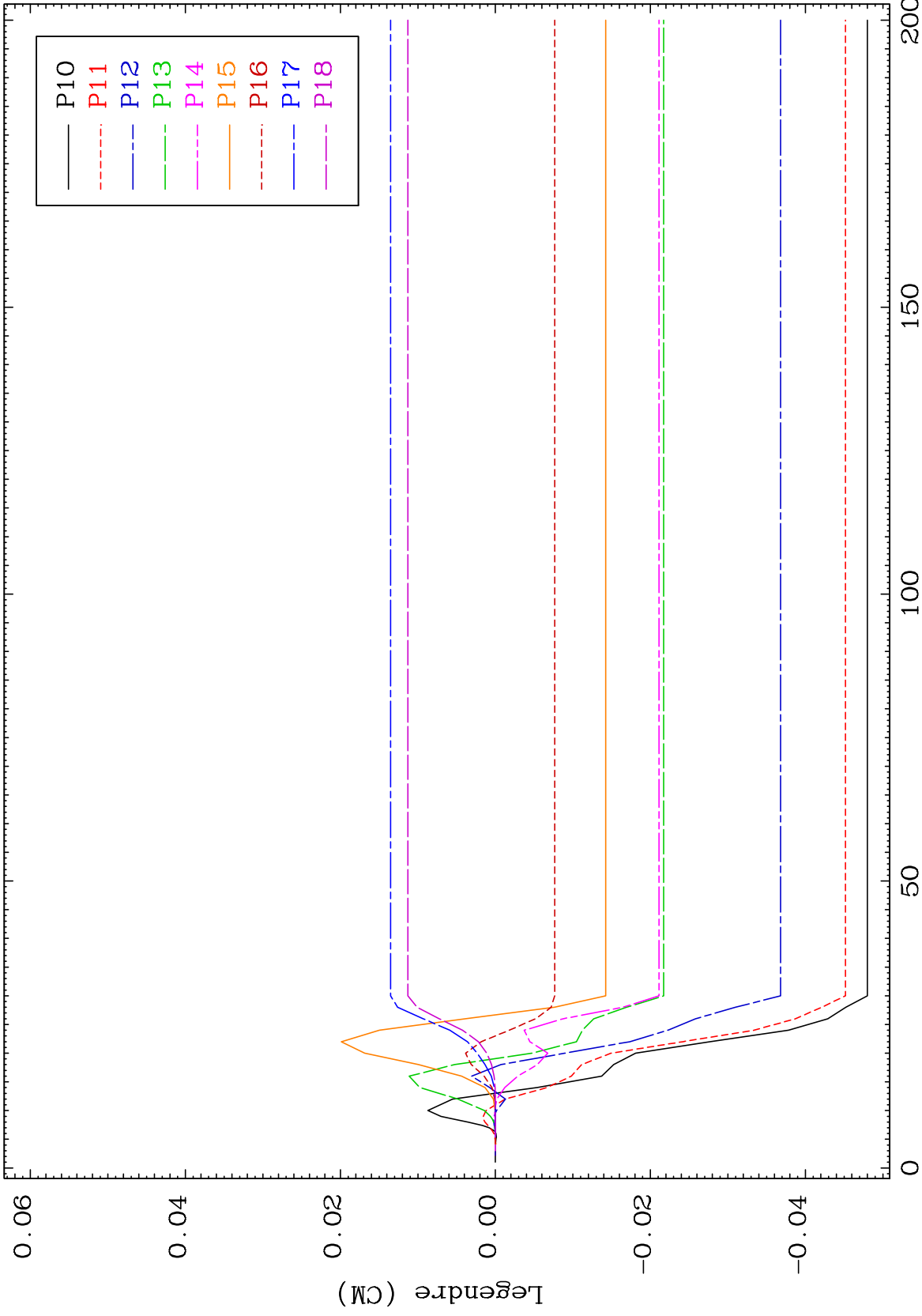
MAT 5261 MT= 51 (n,n') Level Legendre Coefficients 52-Te-132



MAT 5261

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

52-Te-132



21

Incident Energy (MeV)

52-Te-132

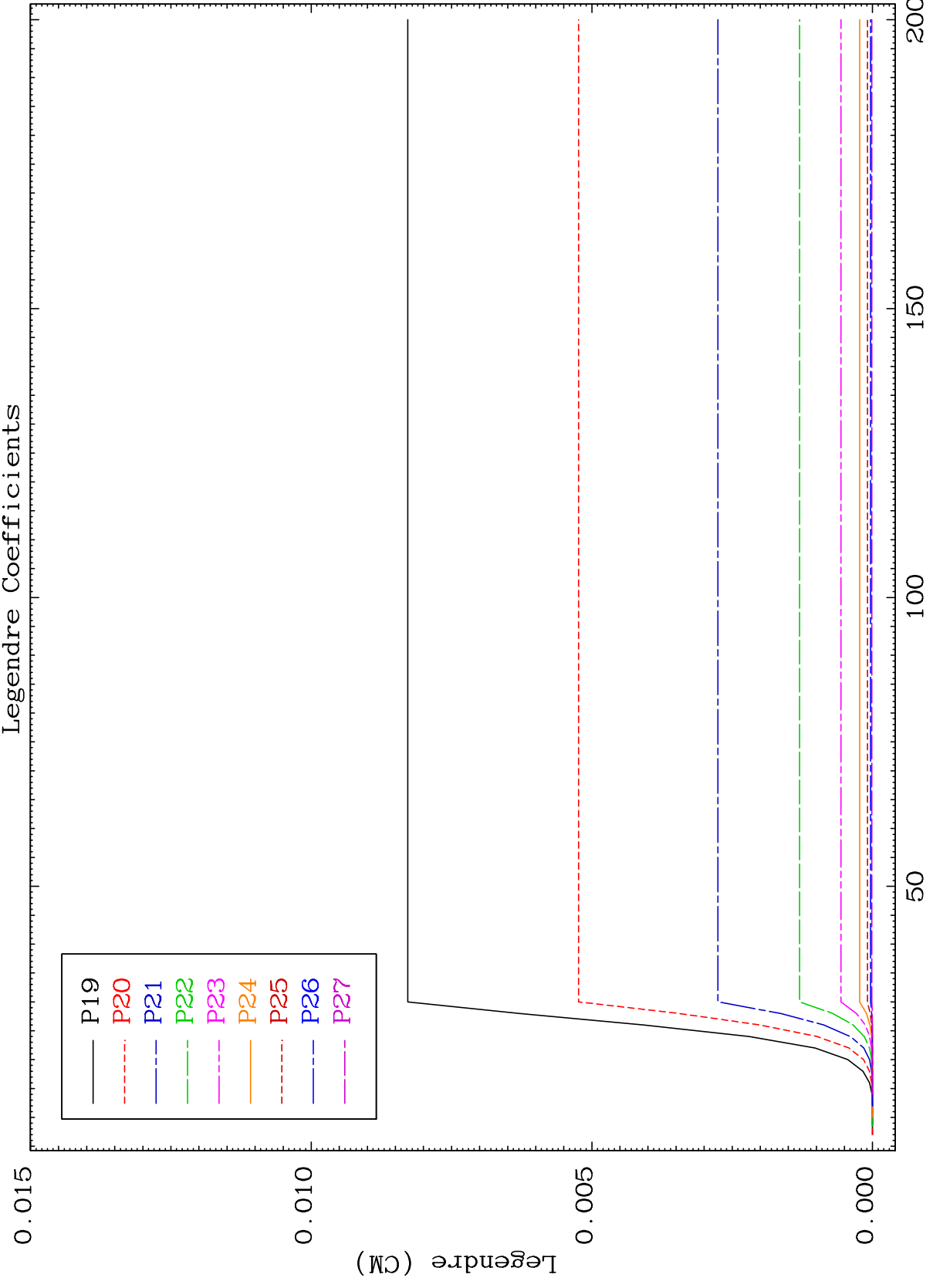
MAT 5261 MT= 51 (n,n') Level Legendre Coefficients

52-Te-132

52-Te-132

Incident Energy (MeV)

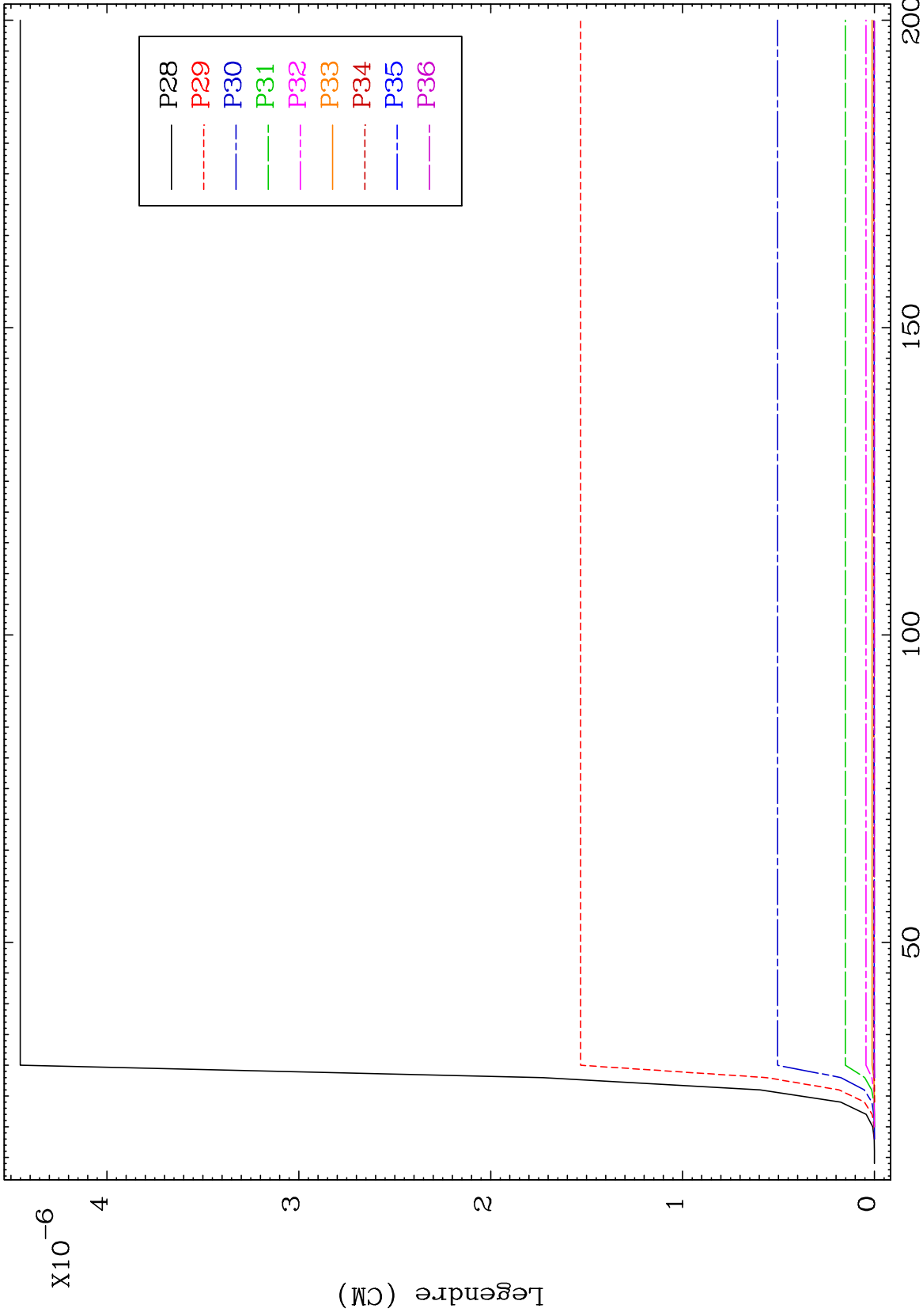
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MAT 5261

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

52-Te-132



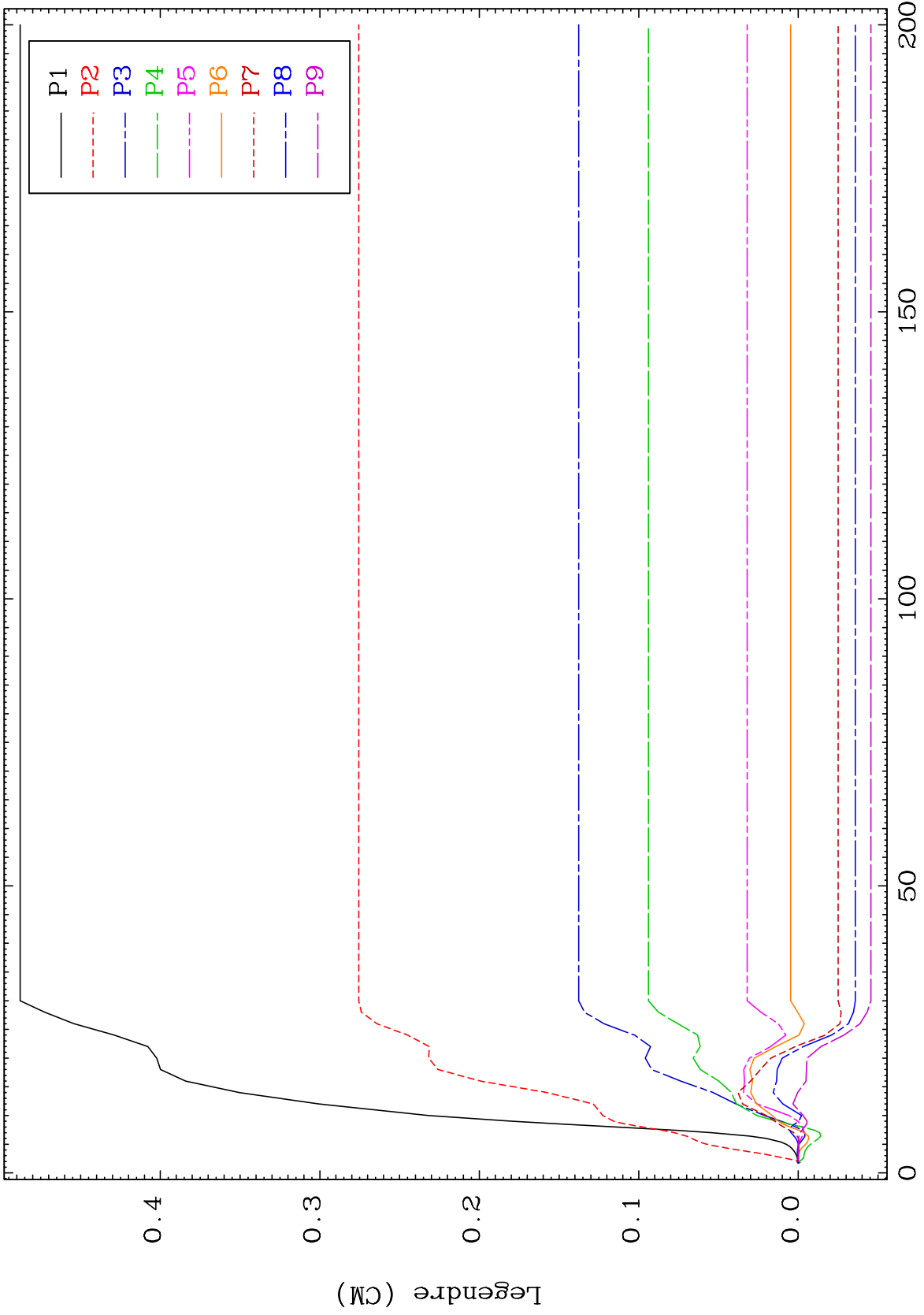
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52-Te-132

MAT 5261

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

52-Te-132



24

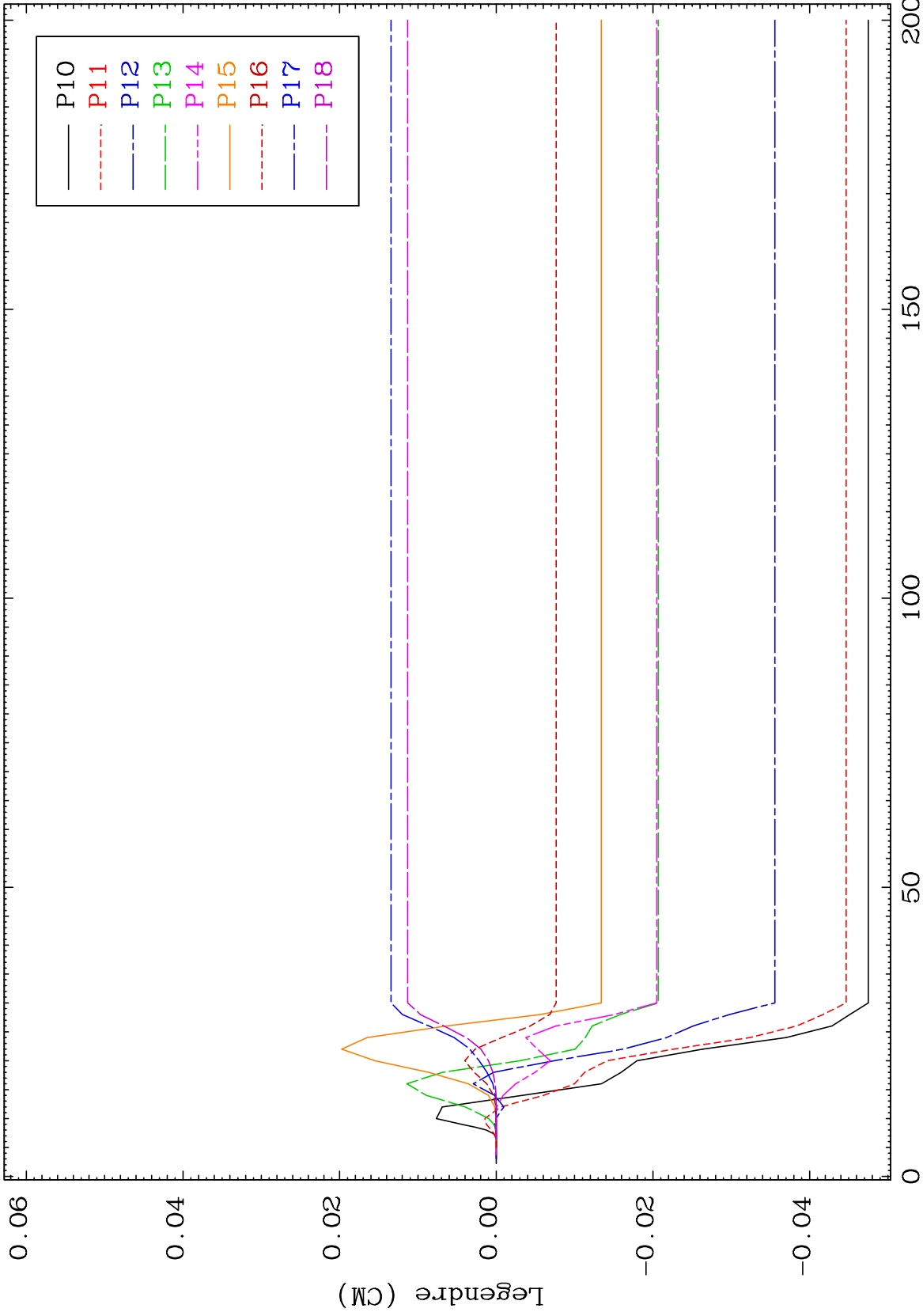
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



25

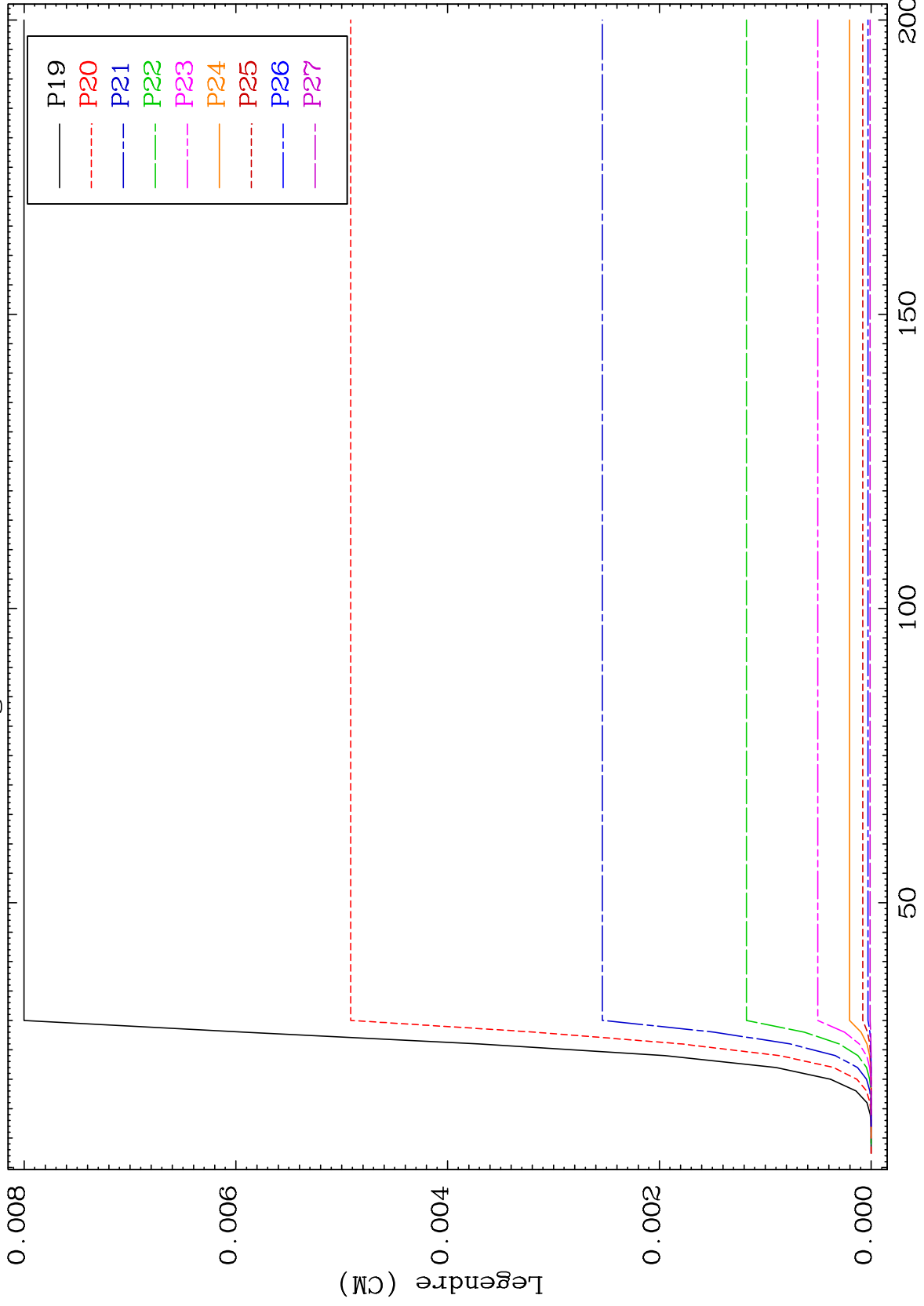
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



26

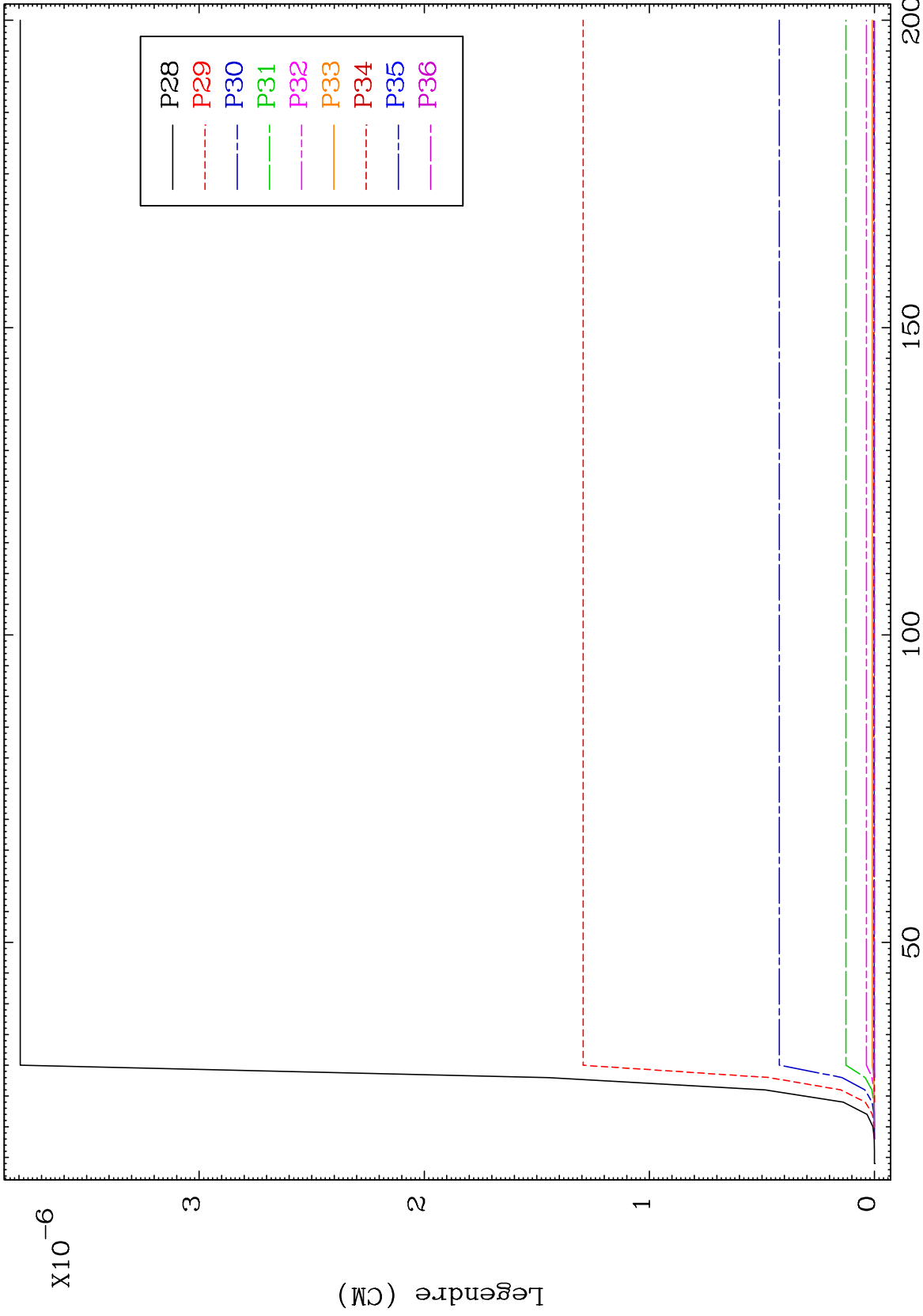
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



27

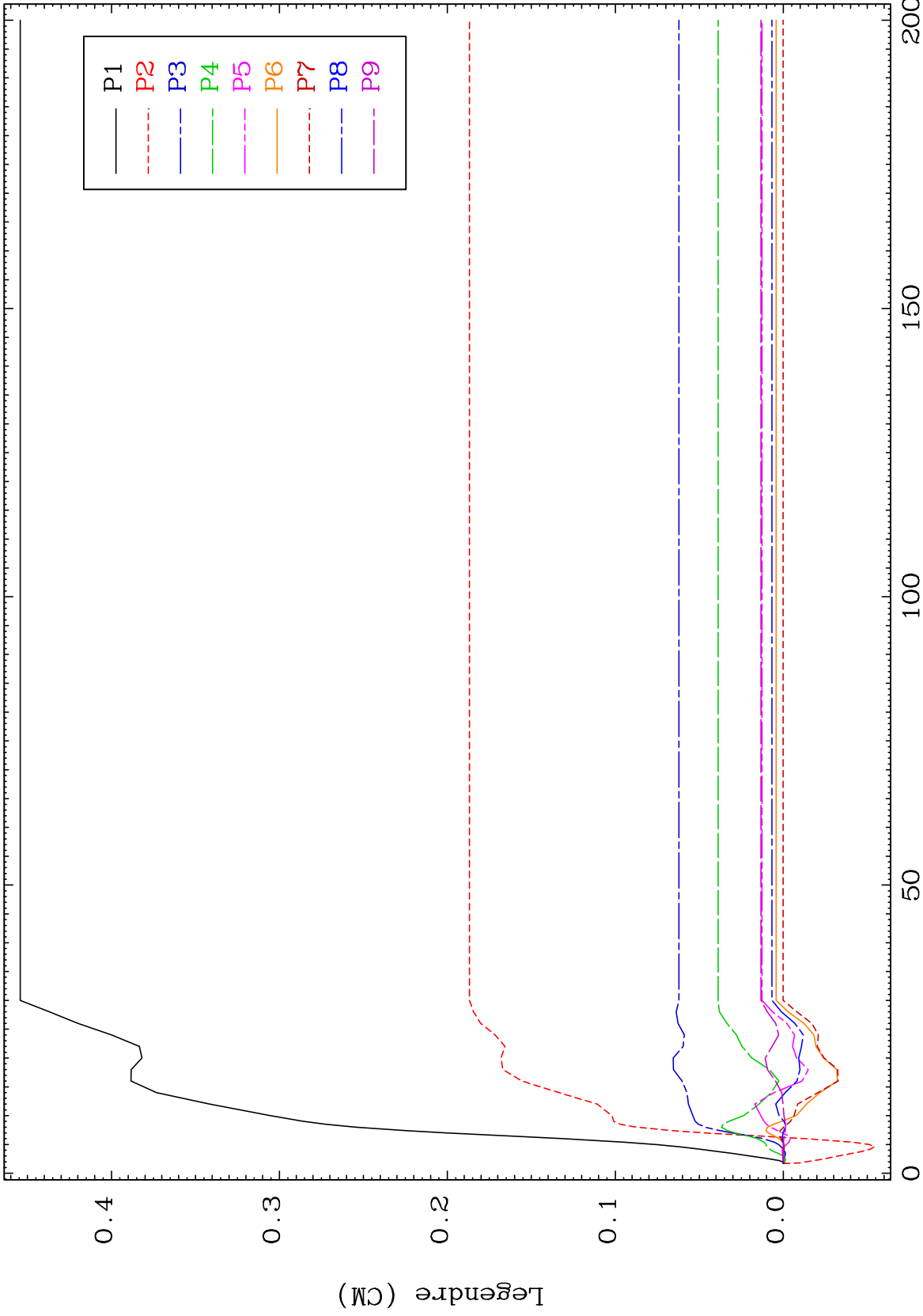
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



28

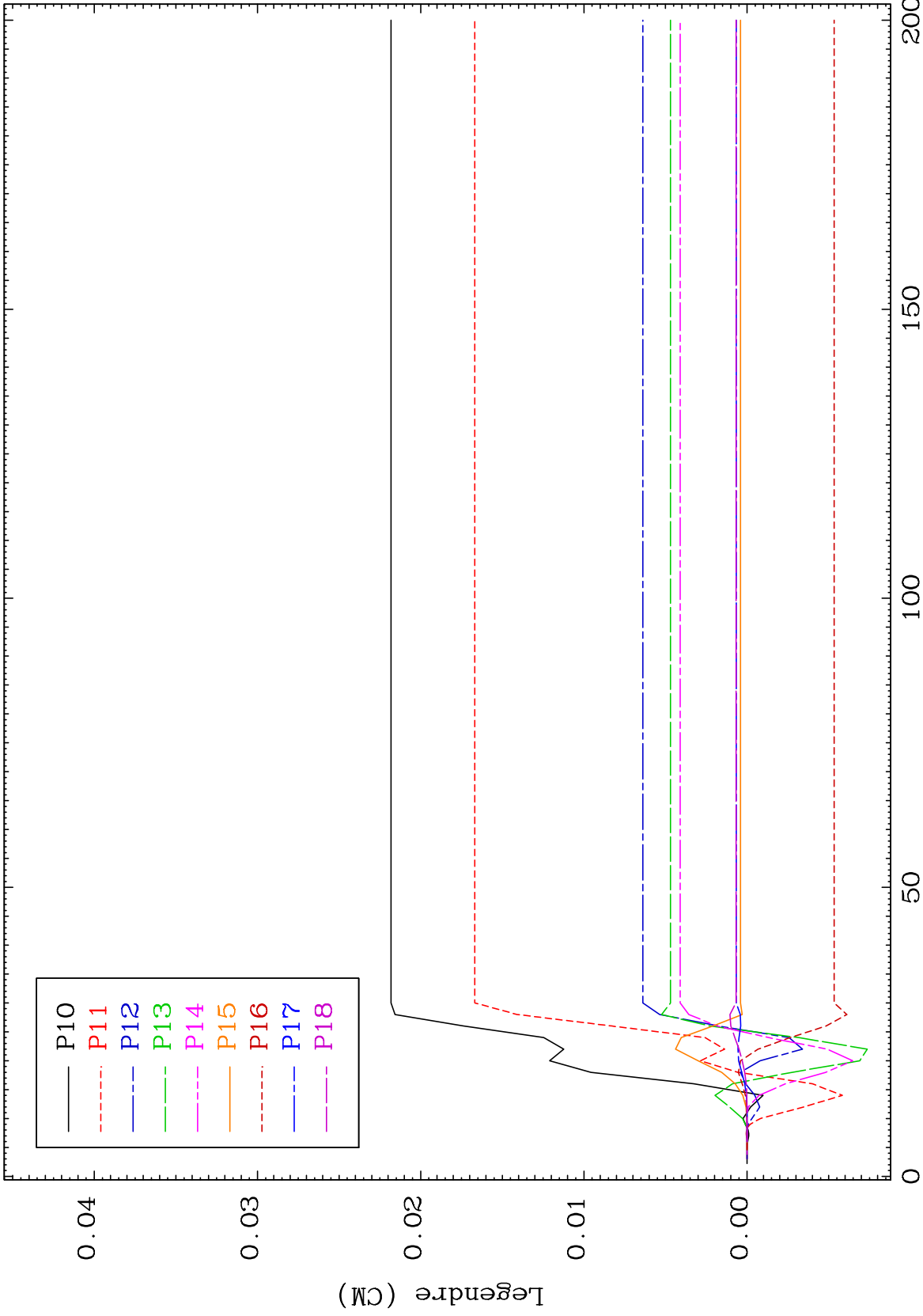
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



29

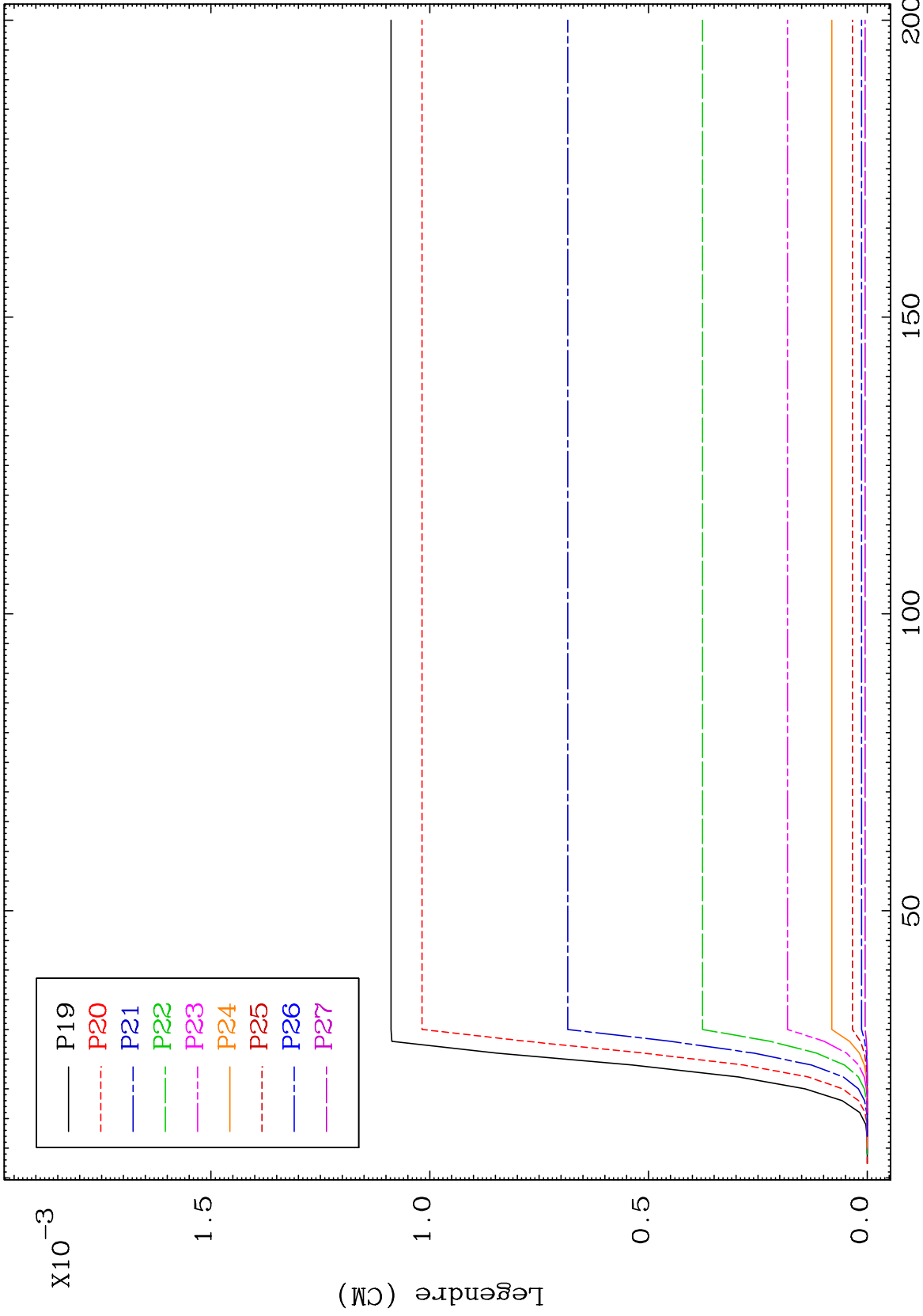
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



30

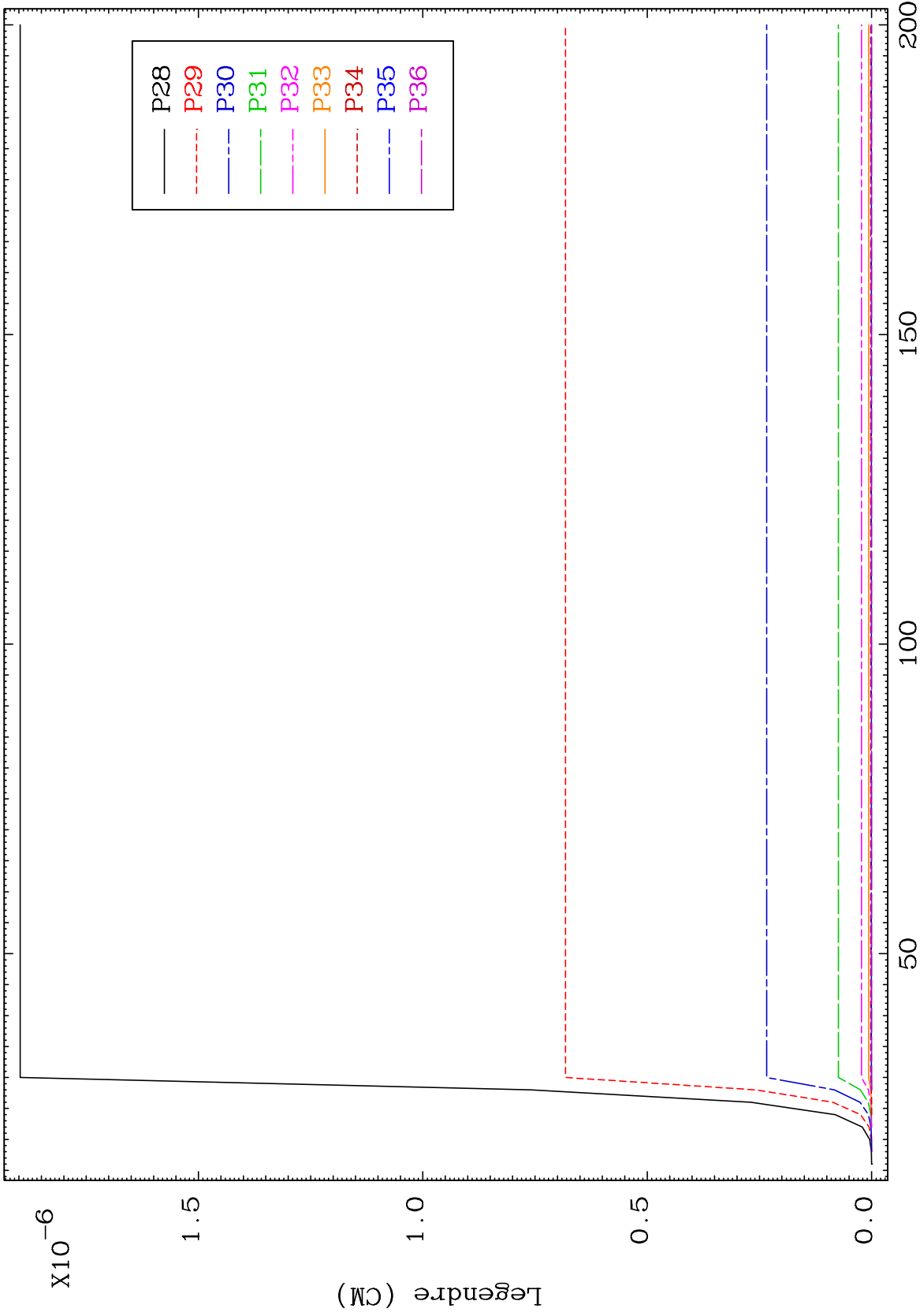
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



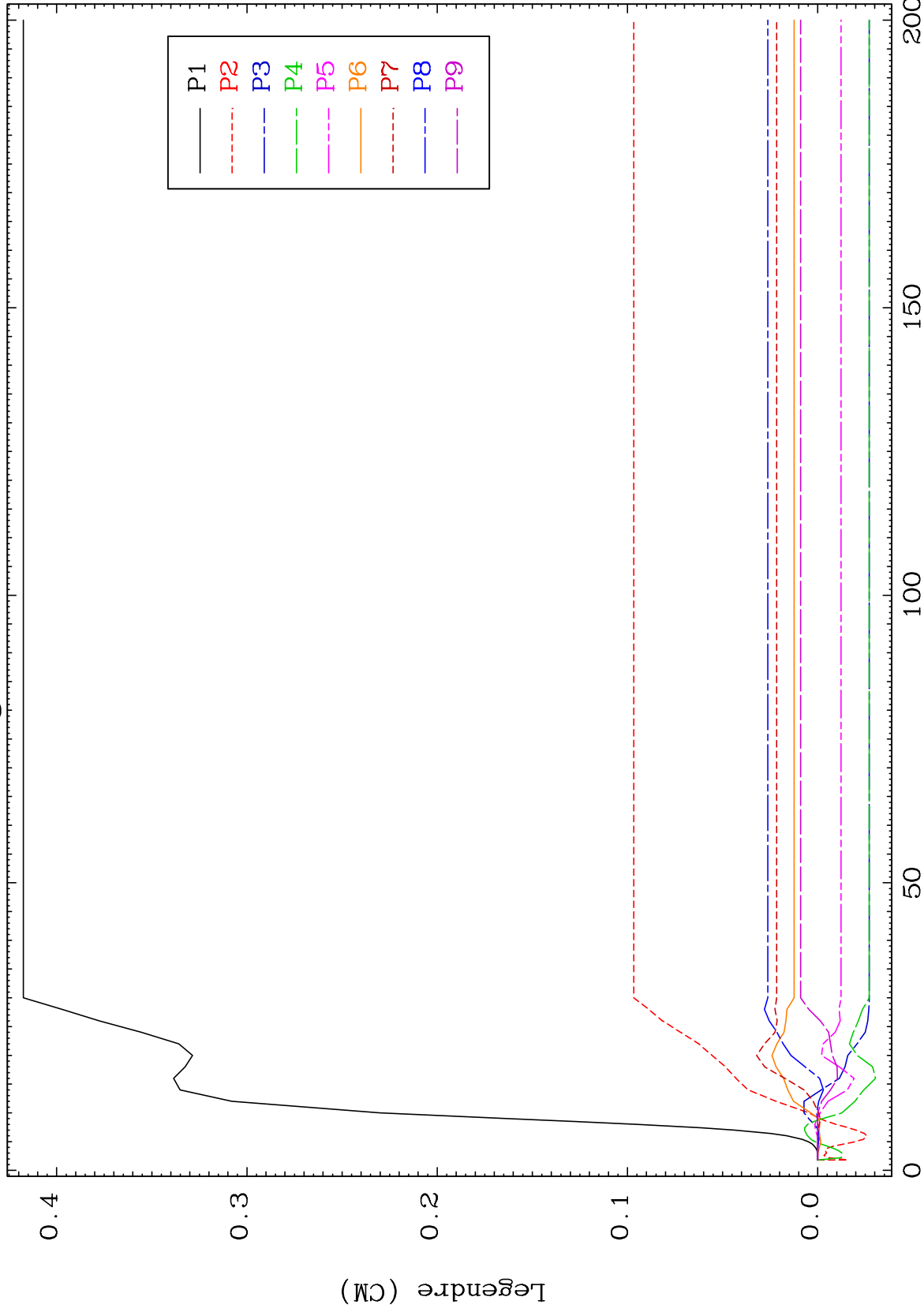
31

52-Te-132

MAT 5261

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

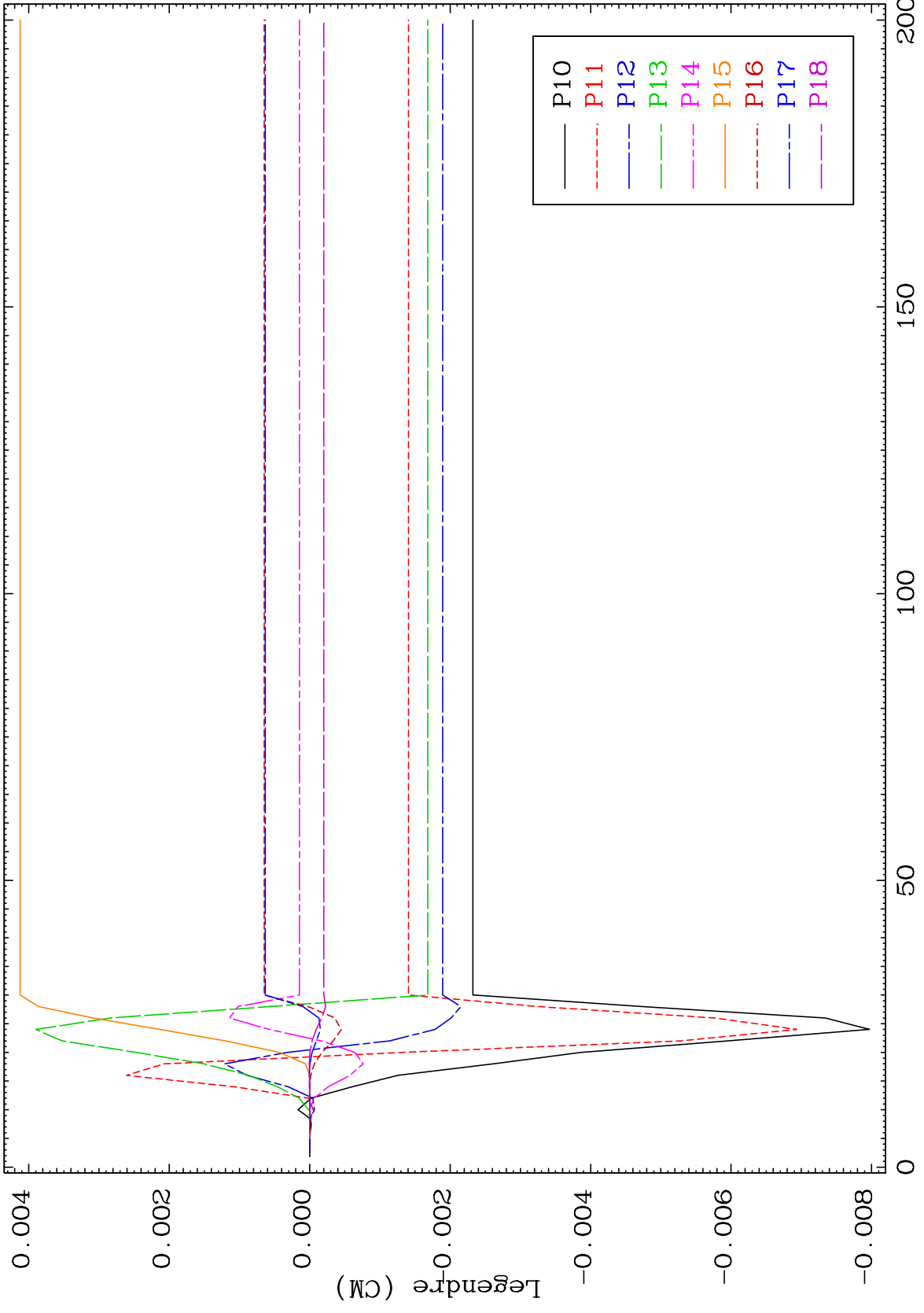
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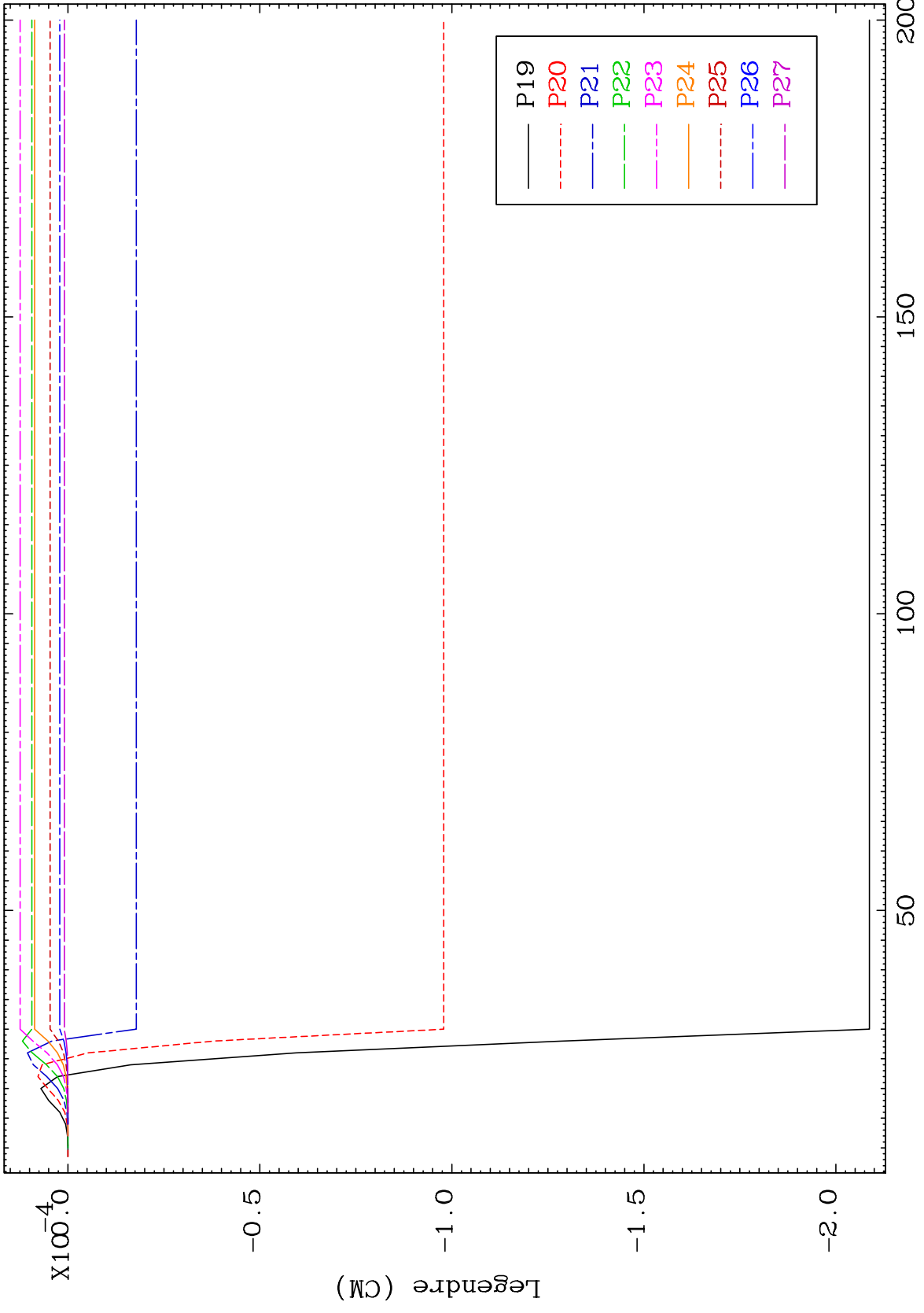
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Incident Energy (MeV)

52-Te-132



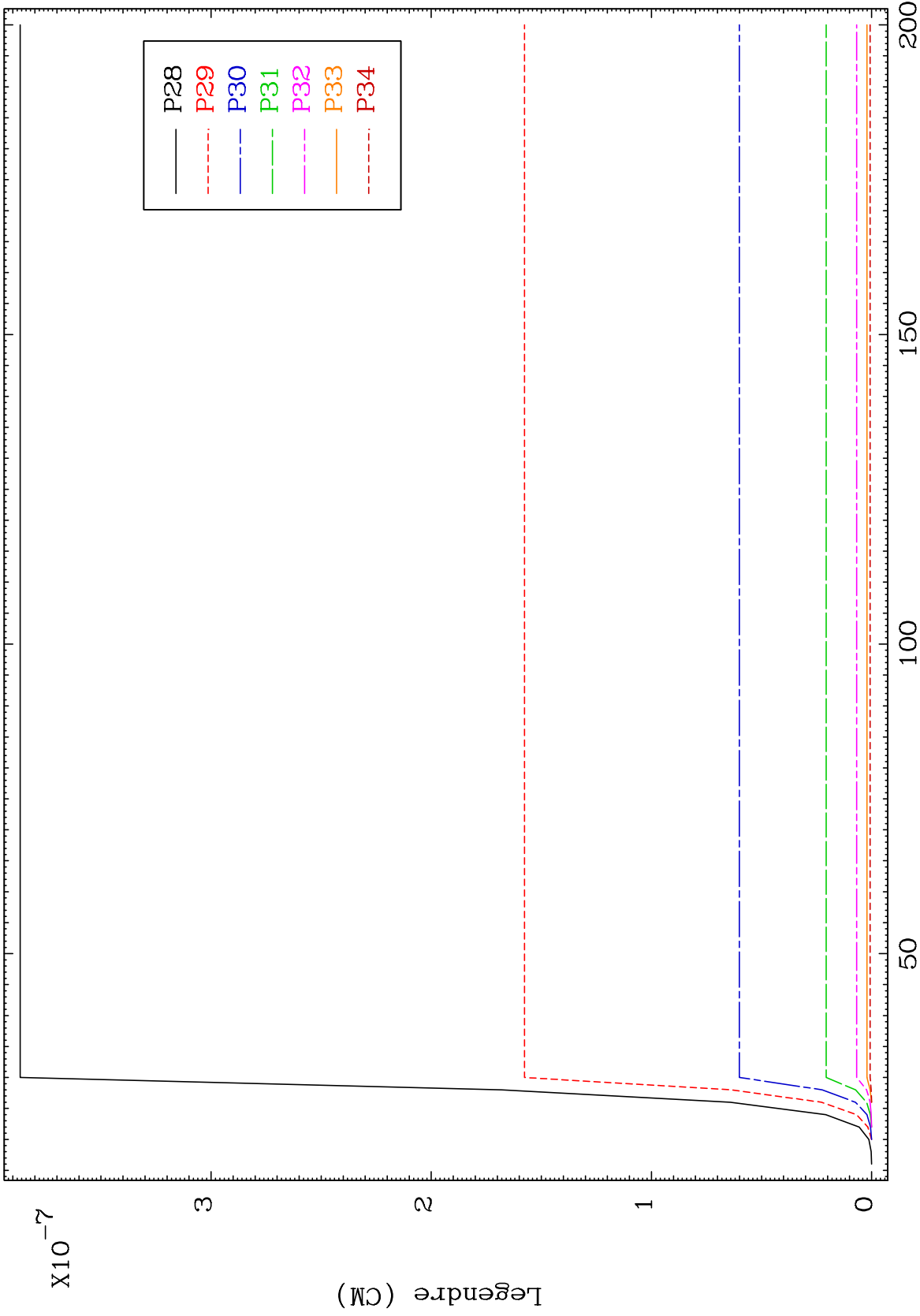
MAT 5261 MT= 54 (n,n') Level Legendre Coefficients 52-Te-132



MAT 5261

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

52-Te-132



35

Incident Energy (MeV)

50

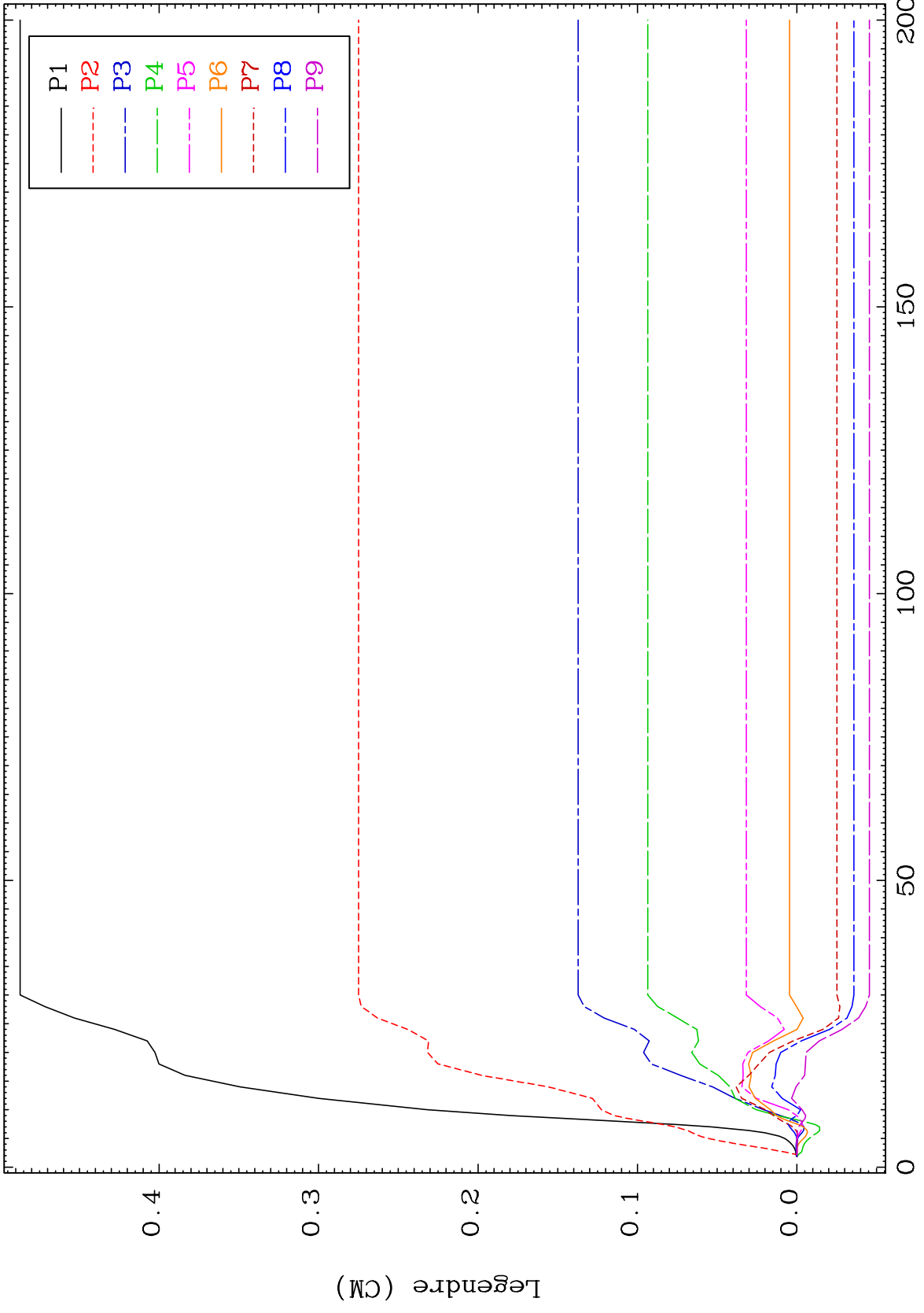
100

150

200

52-Te-132

MAT 5261 MT= 55 (n,n') Level Legendre Coefficients 52-Te-132

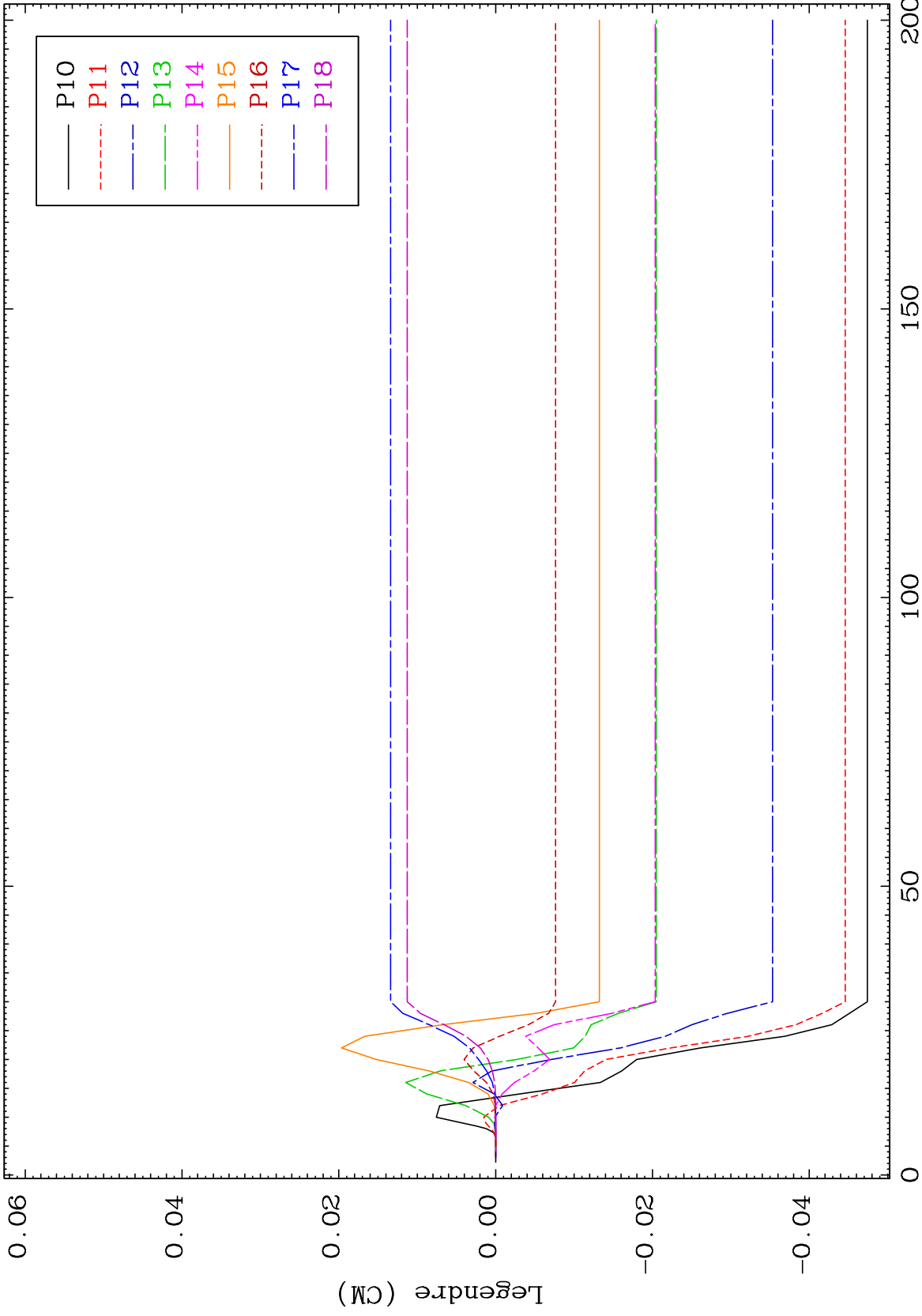


36 52-Te-132

MAT 5261

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

52-Te-132

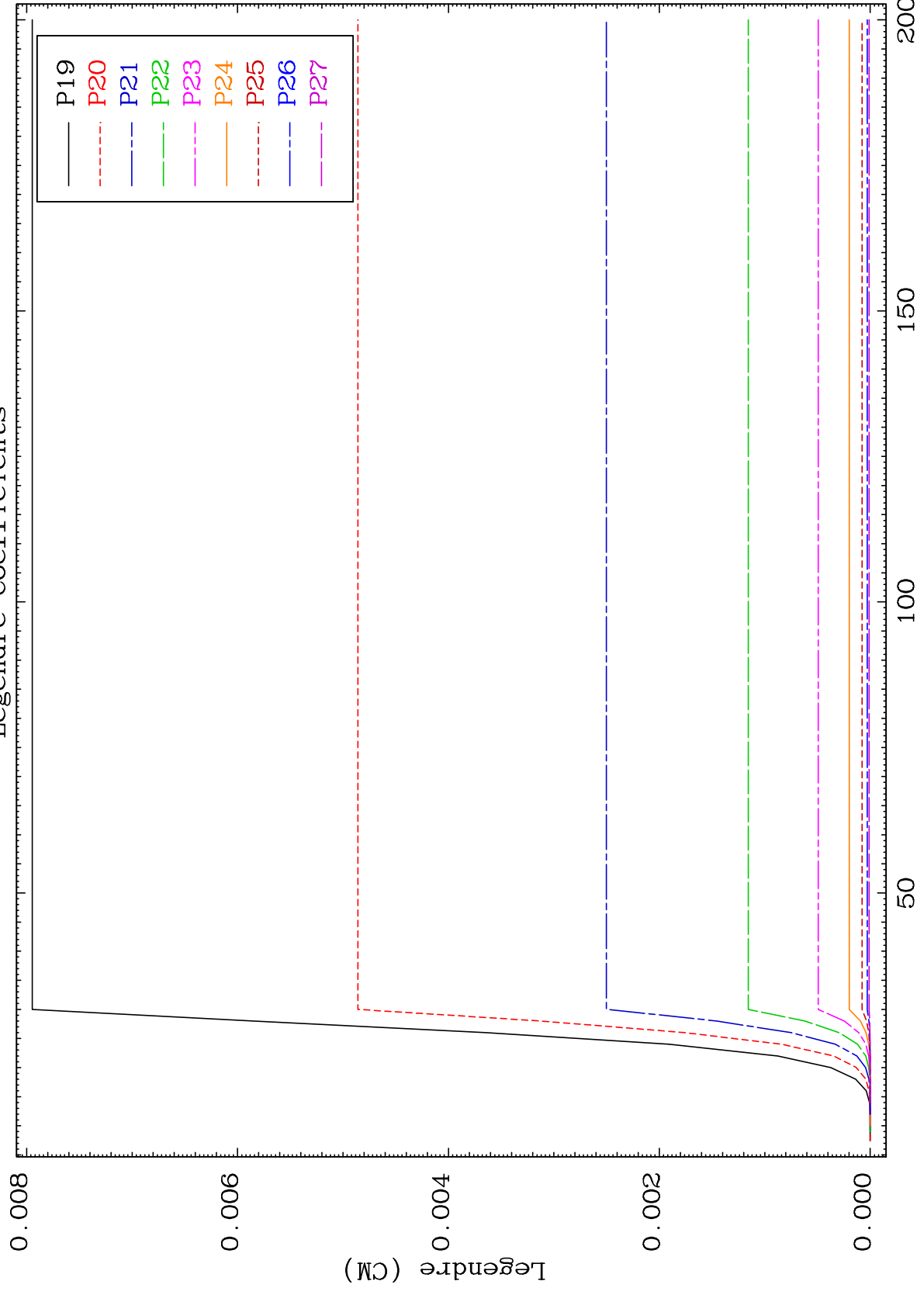


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Incident Energy (MeV)

52-Te-132

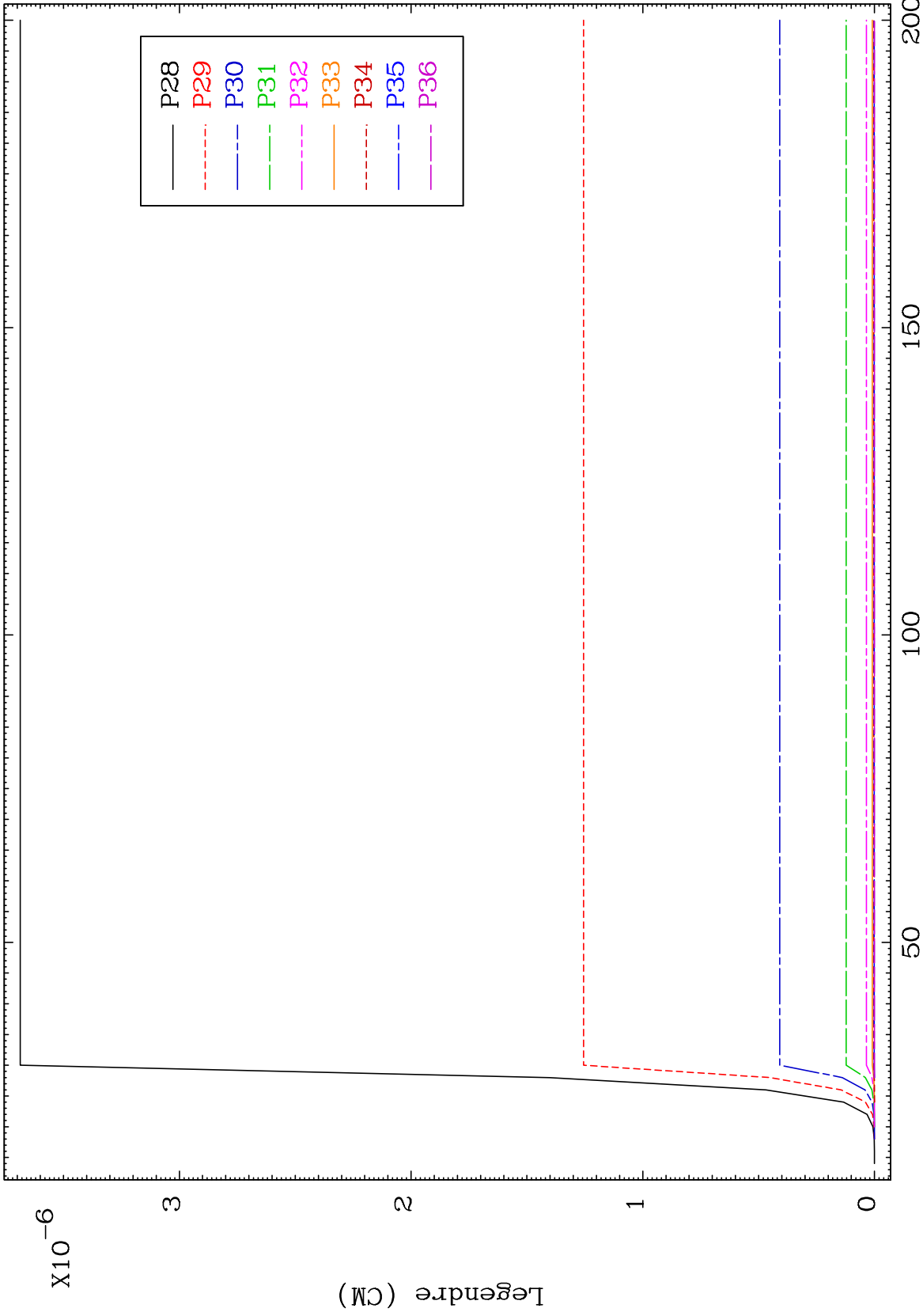
MAT 5261 MT= 55 (n,n') Level Legendre Coefficients 52-Te-132



MAT 5261

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

52-Te-132



39

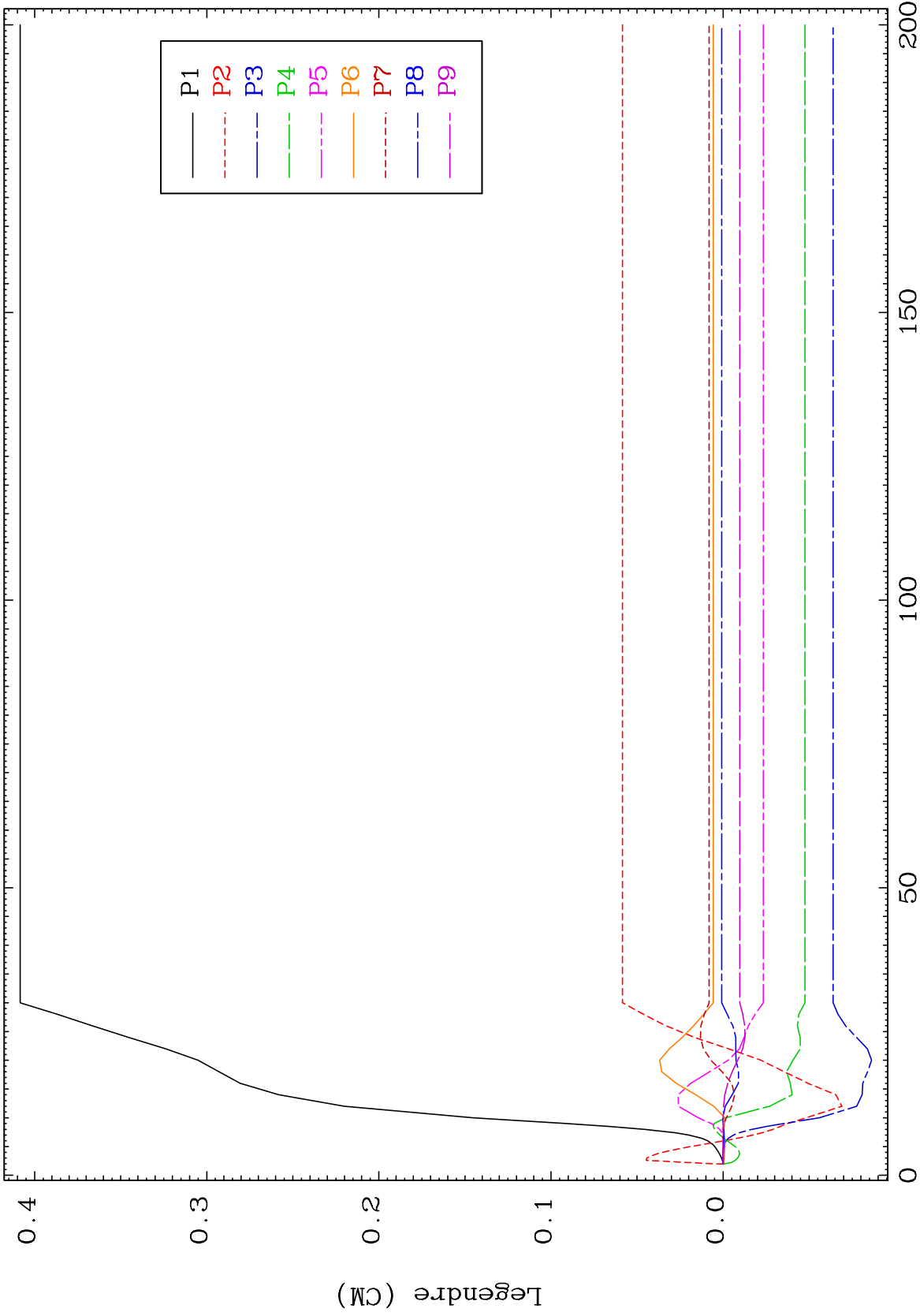
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132

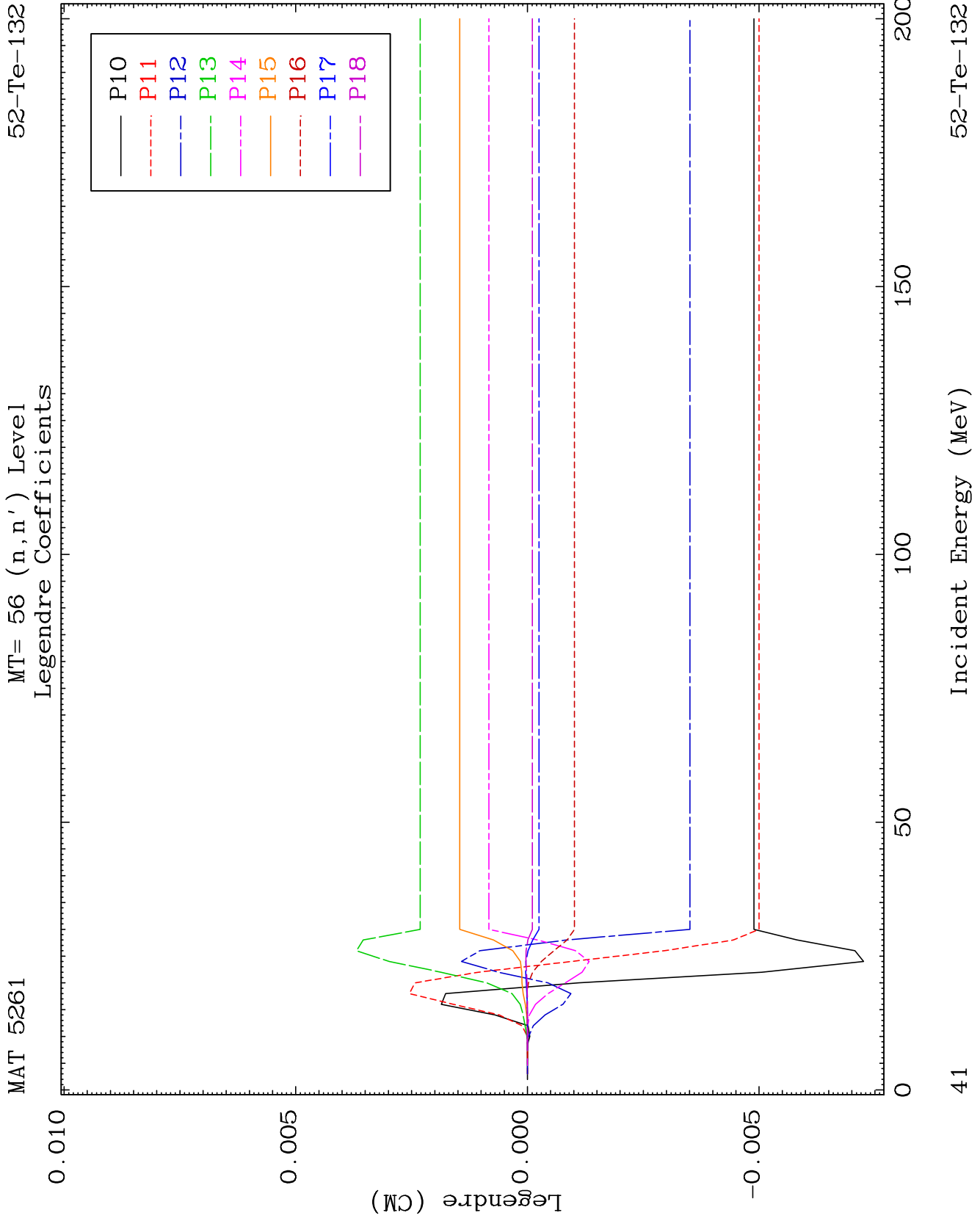


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Incident Energy (MeV)

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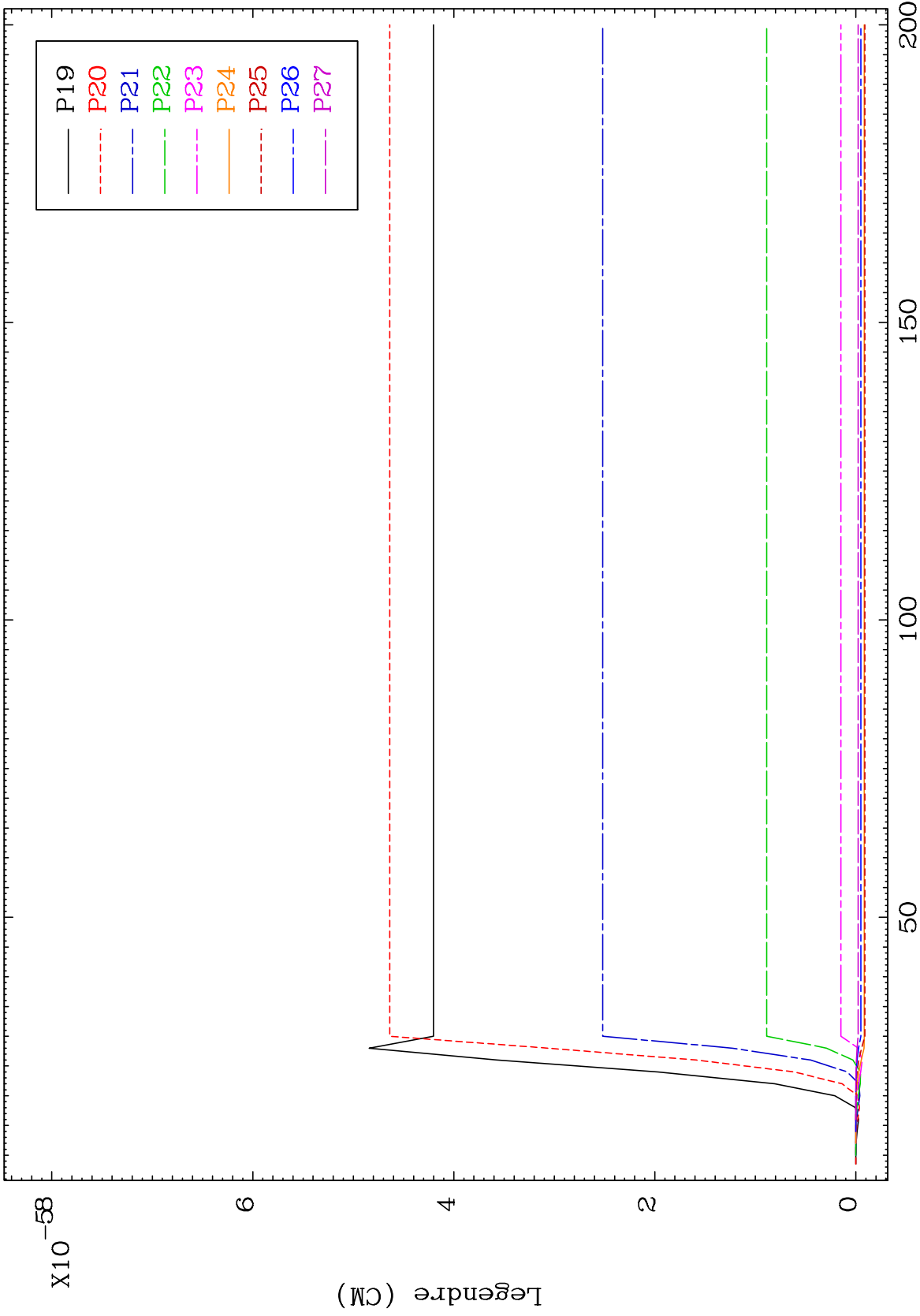
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MAT 5261

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

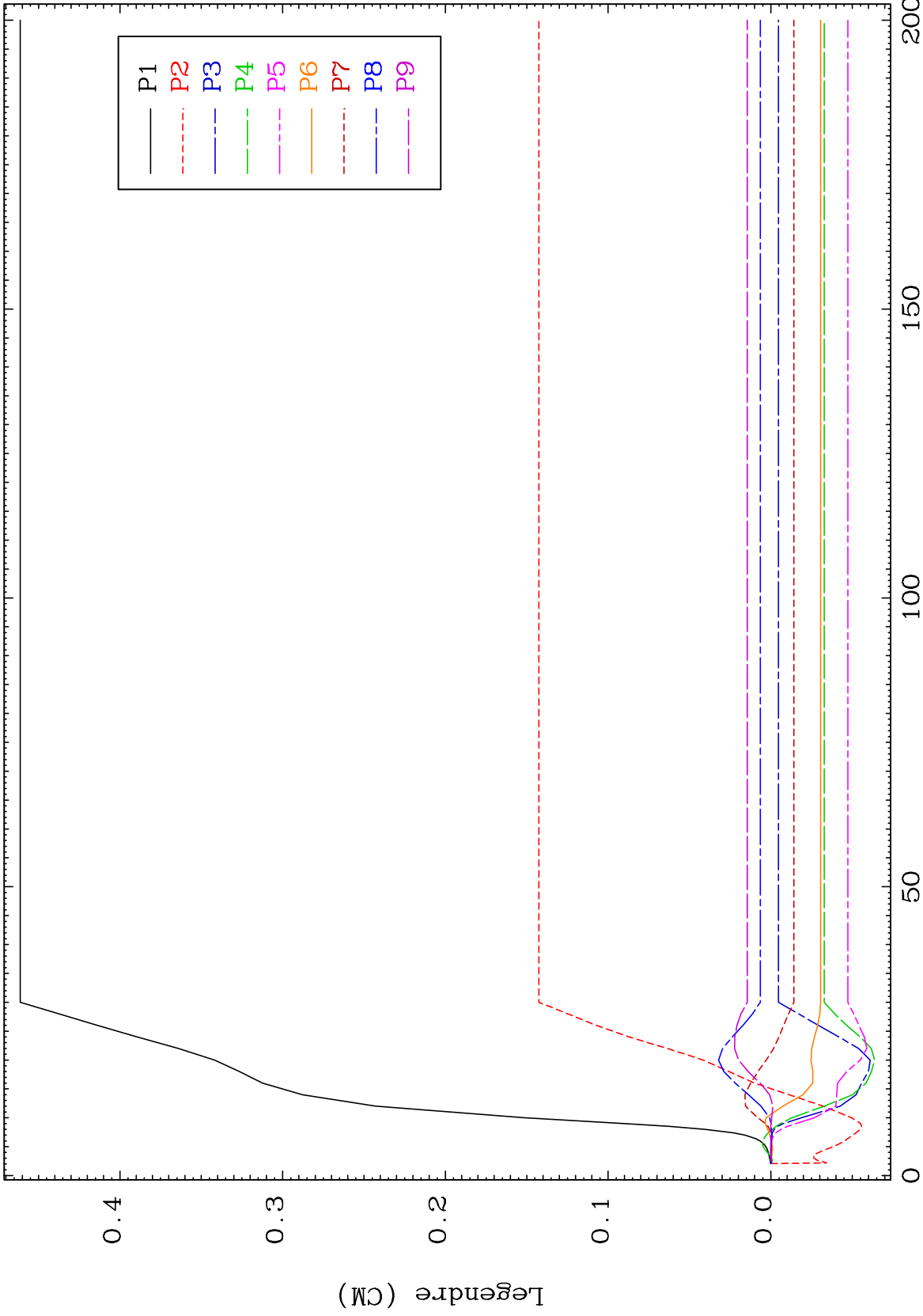
52-Te-132



MAT 5261

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

52-Te-132



44

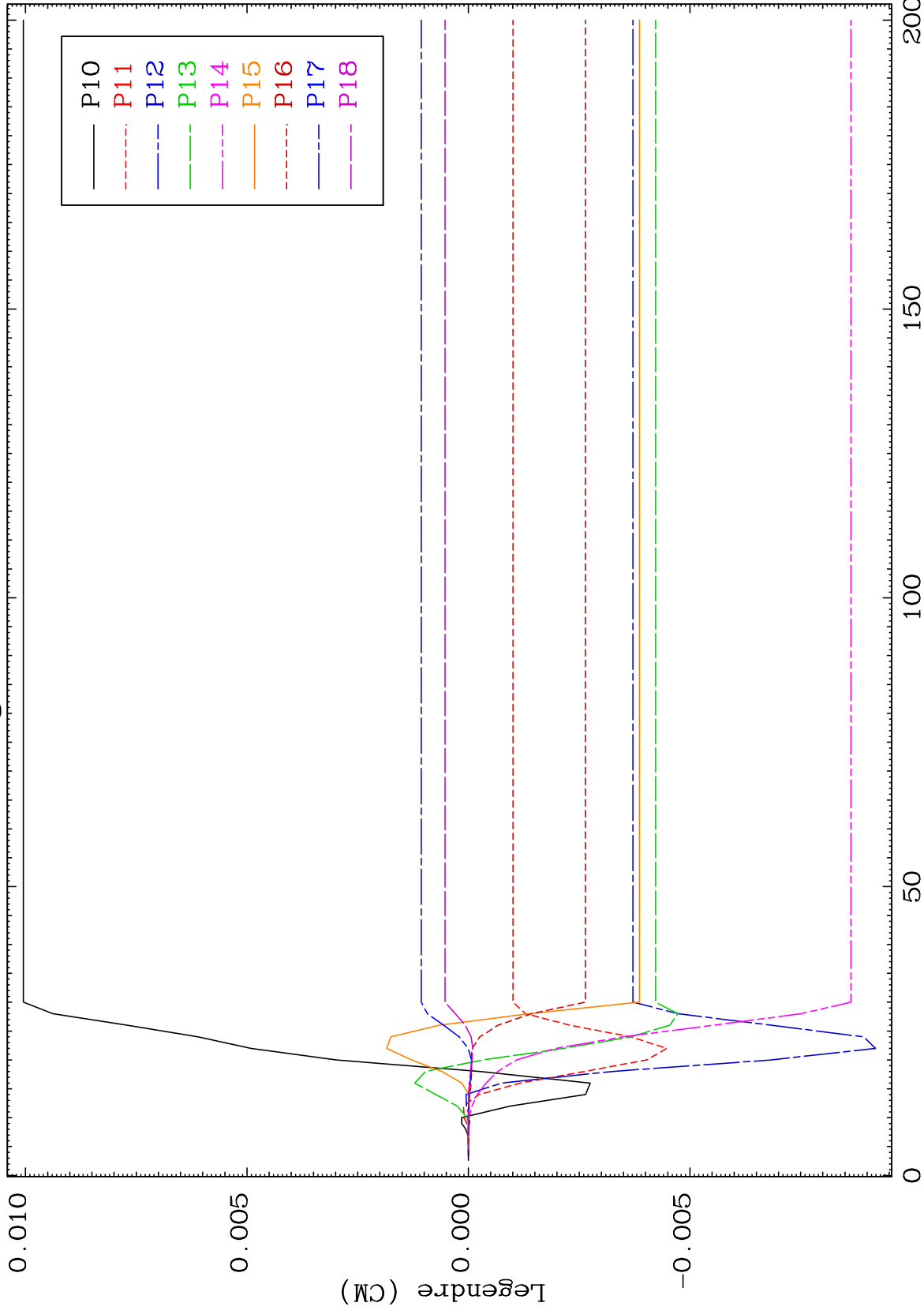
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



45

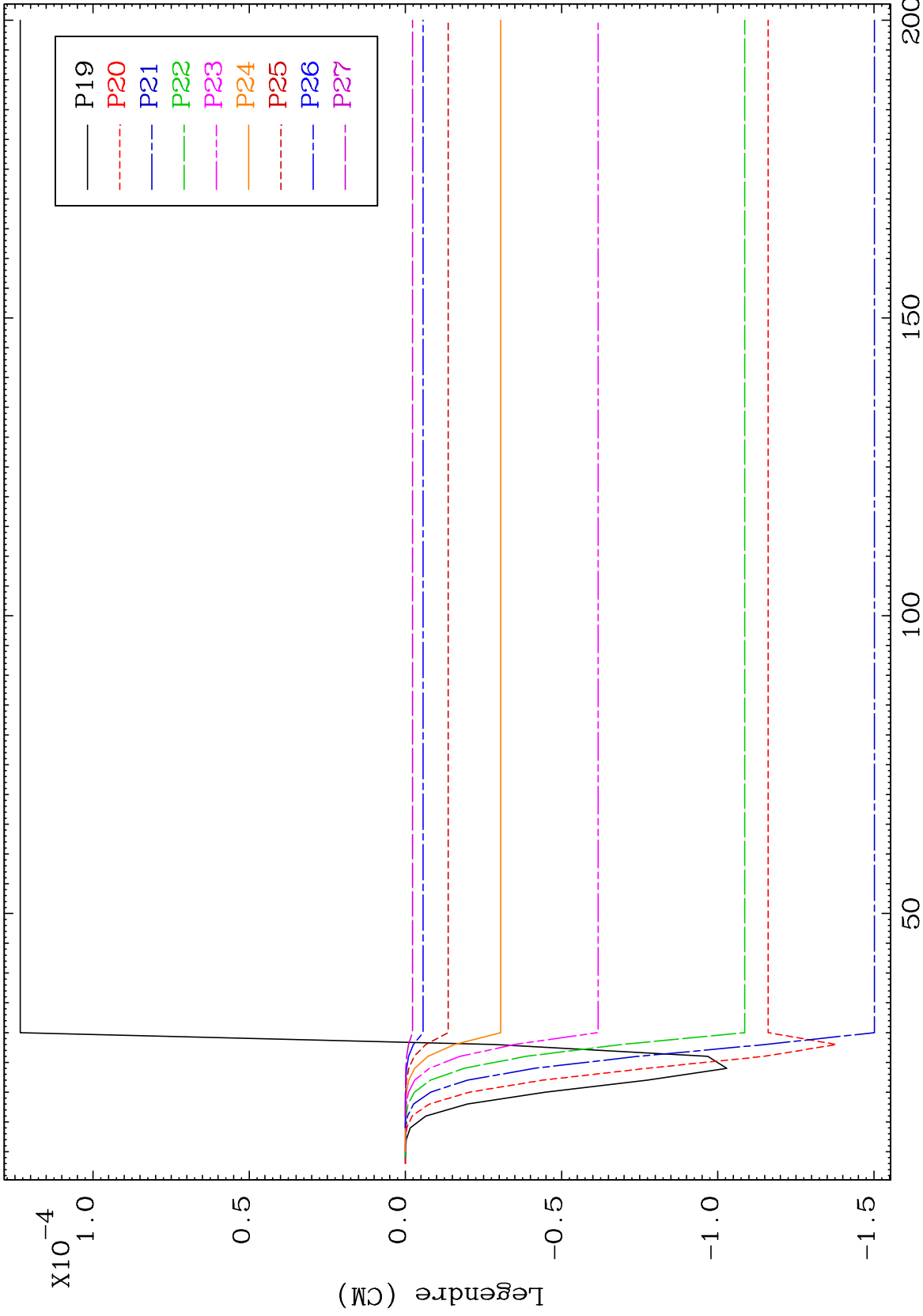
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



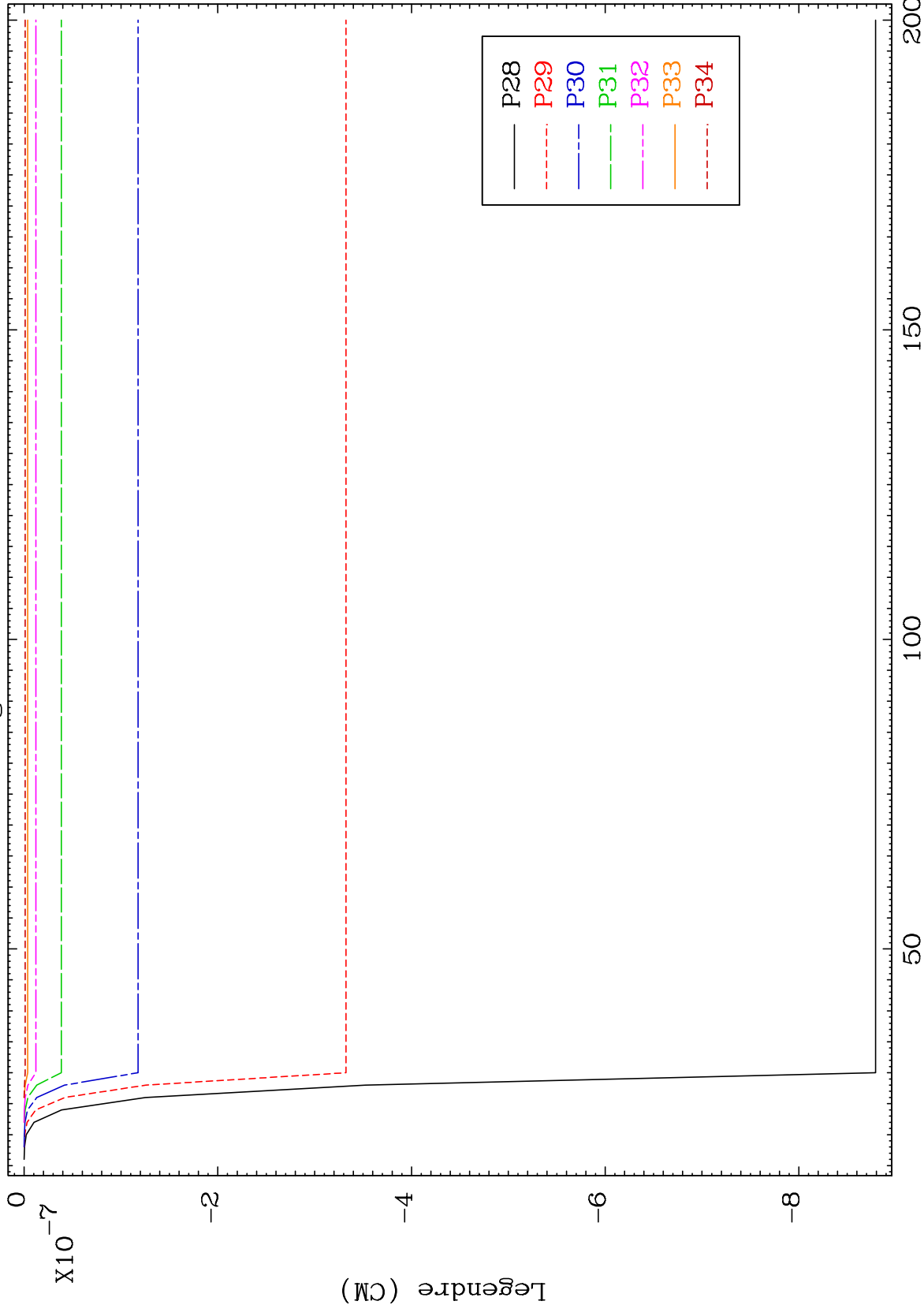
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52-Te-132

MAT 5261

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

52-Te-132



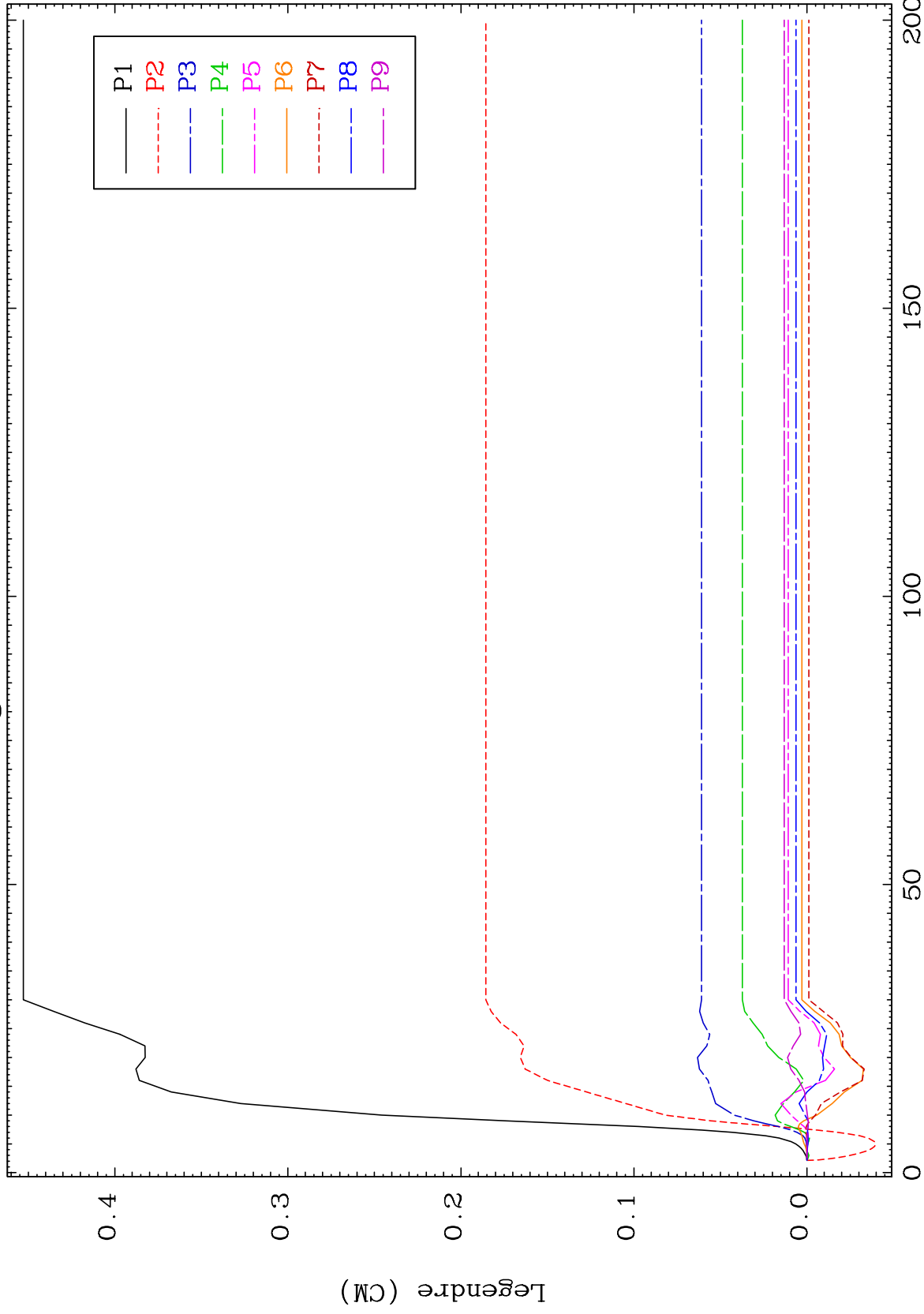
52-Te-132

47

MAT 5261

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

52-Te-132



48

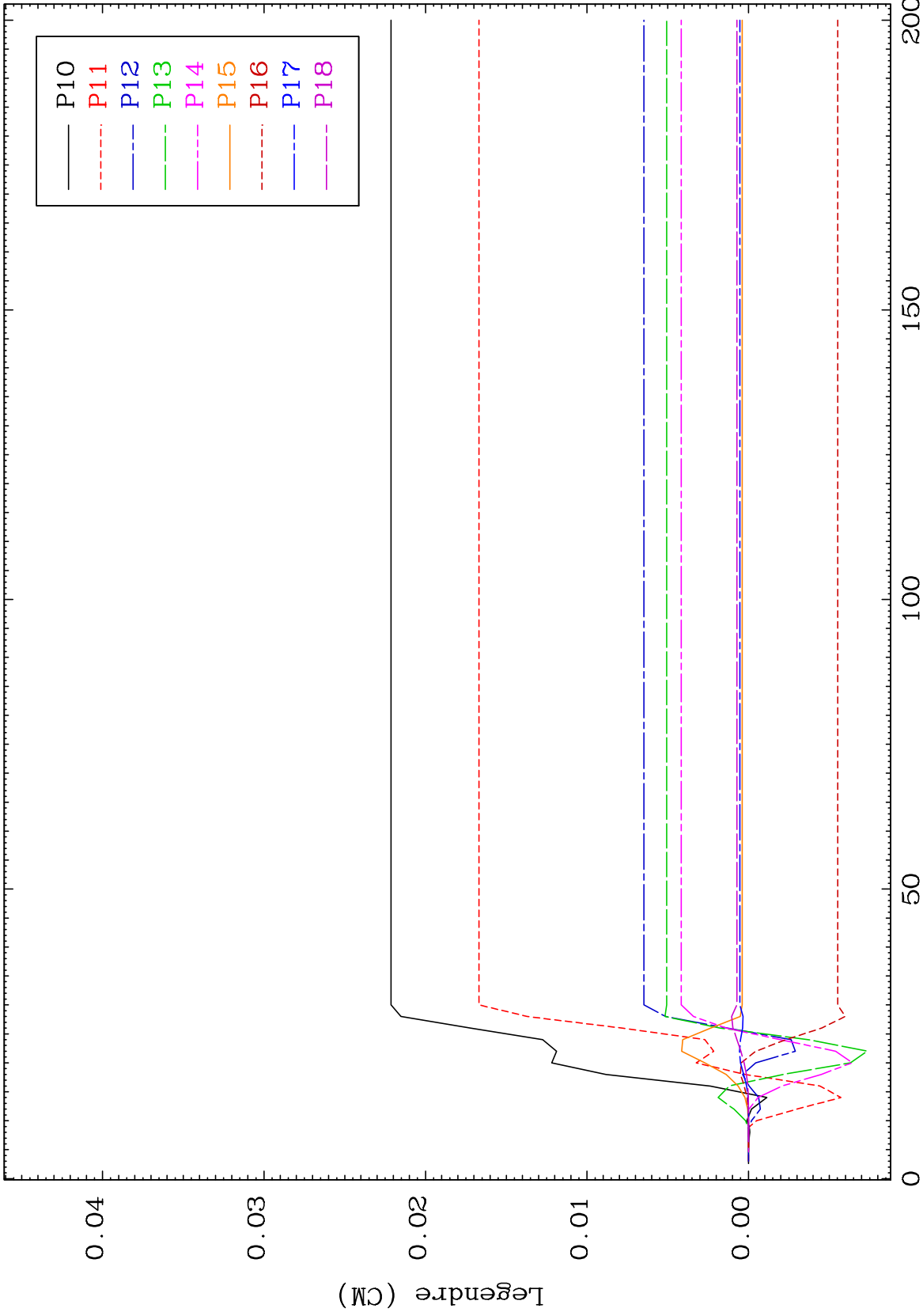
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



49

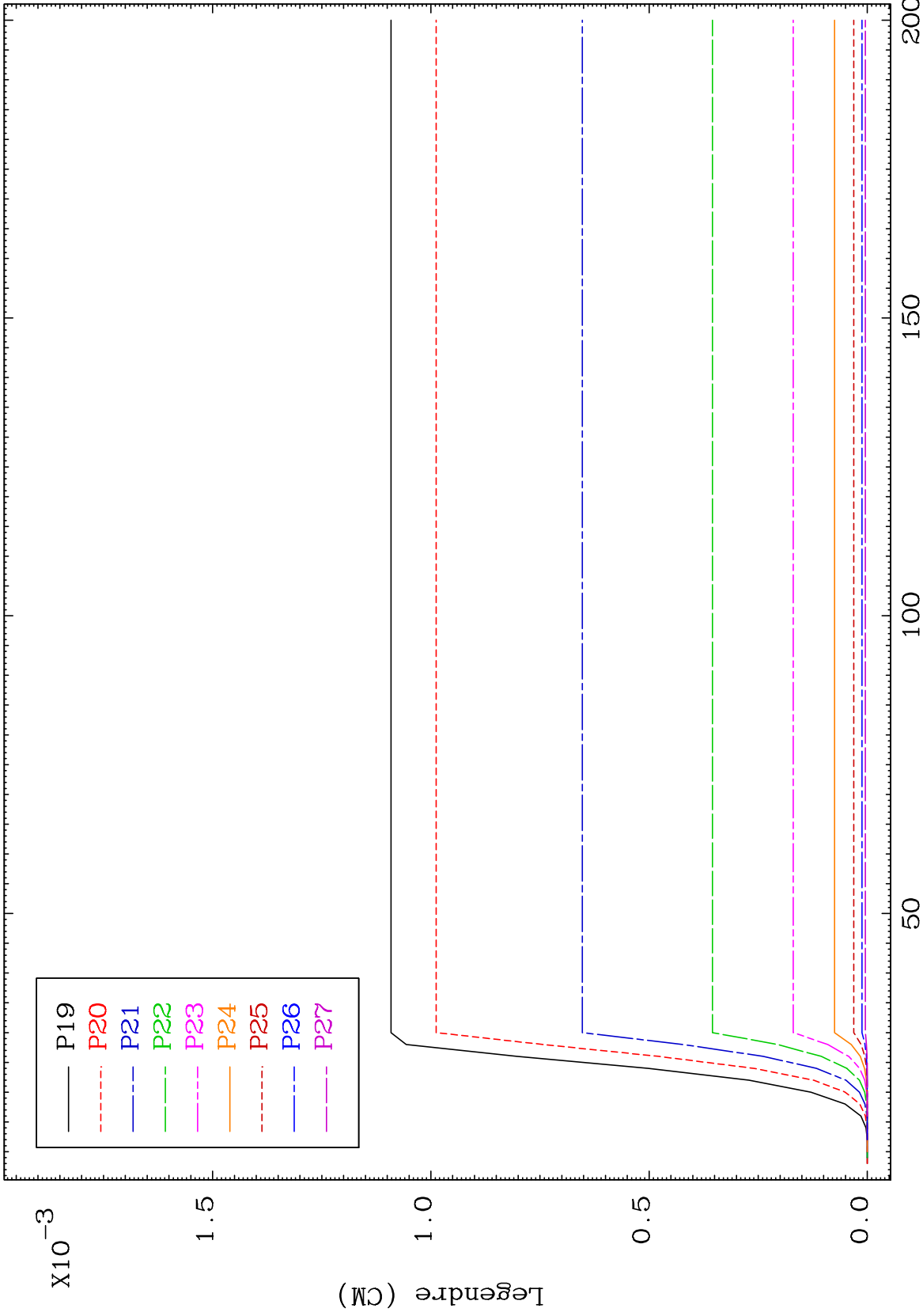
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



50

Incident Energy (MeV)

50

100

150

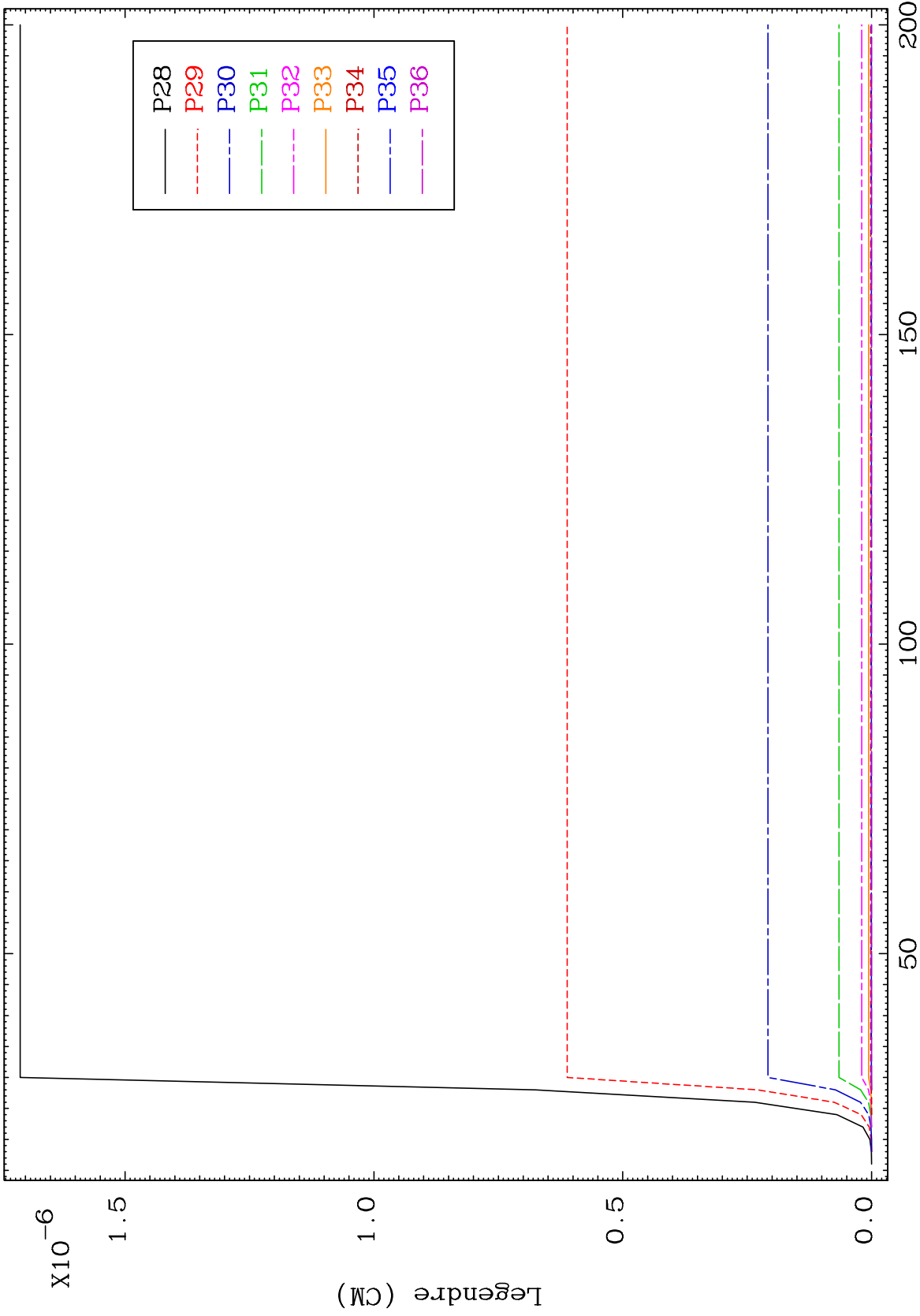
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52-Te-132

MAT 5261

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

52-Te-132



51

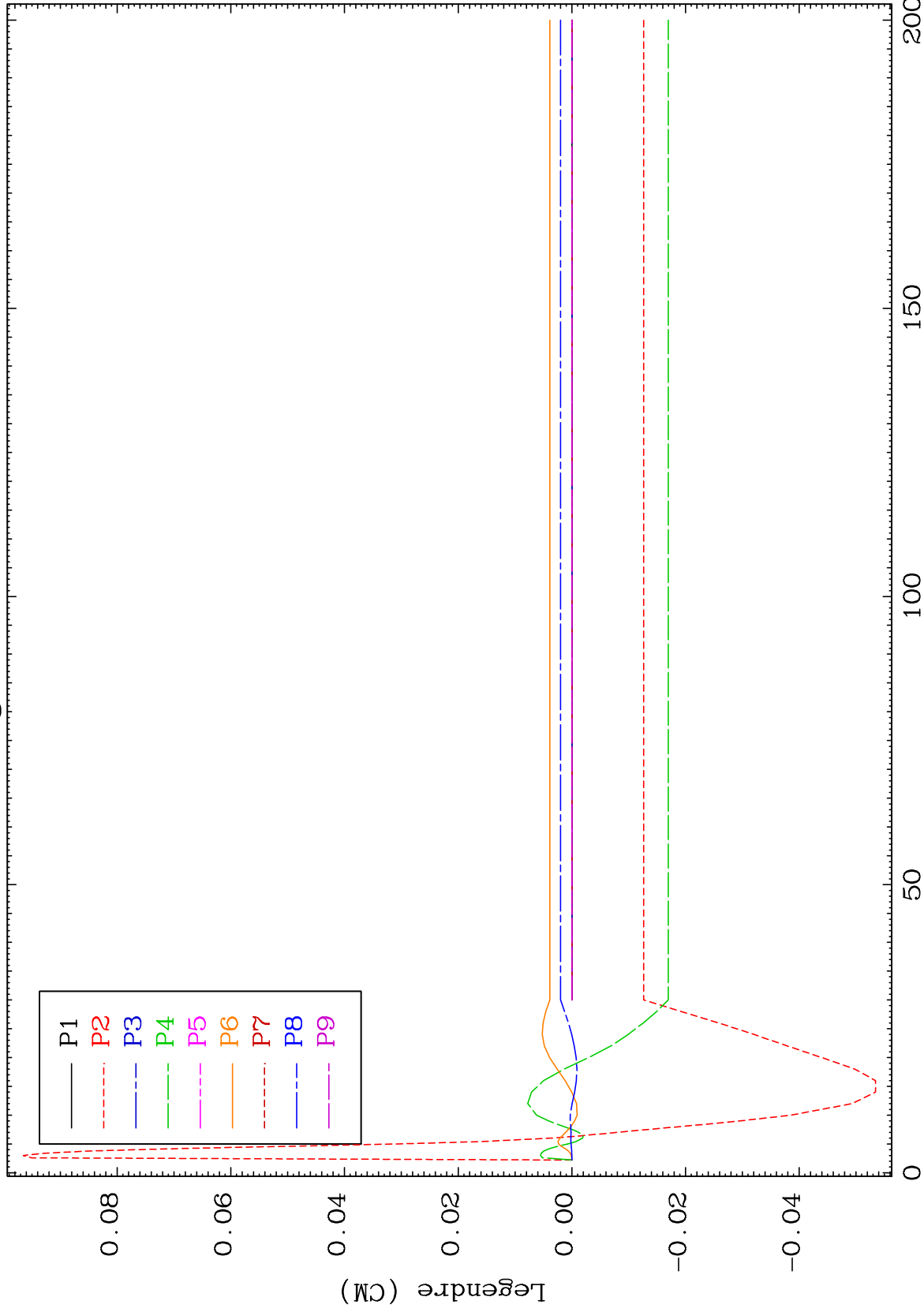
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



52

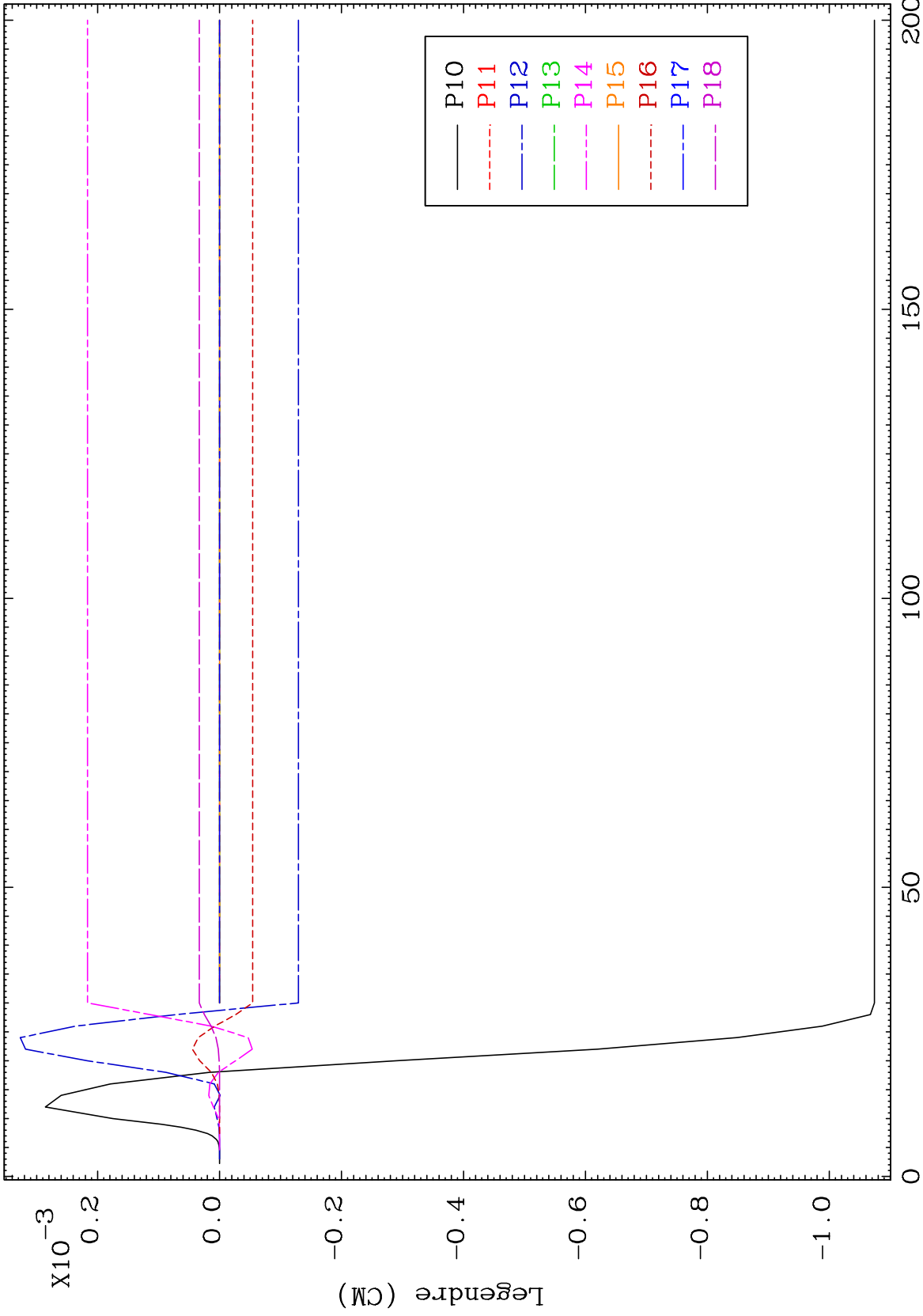
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132

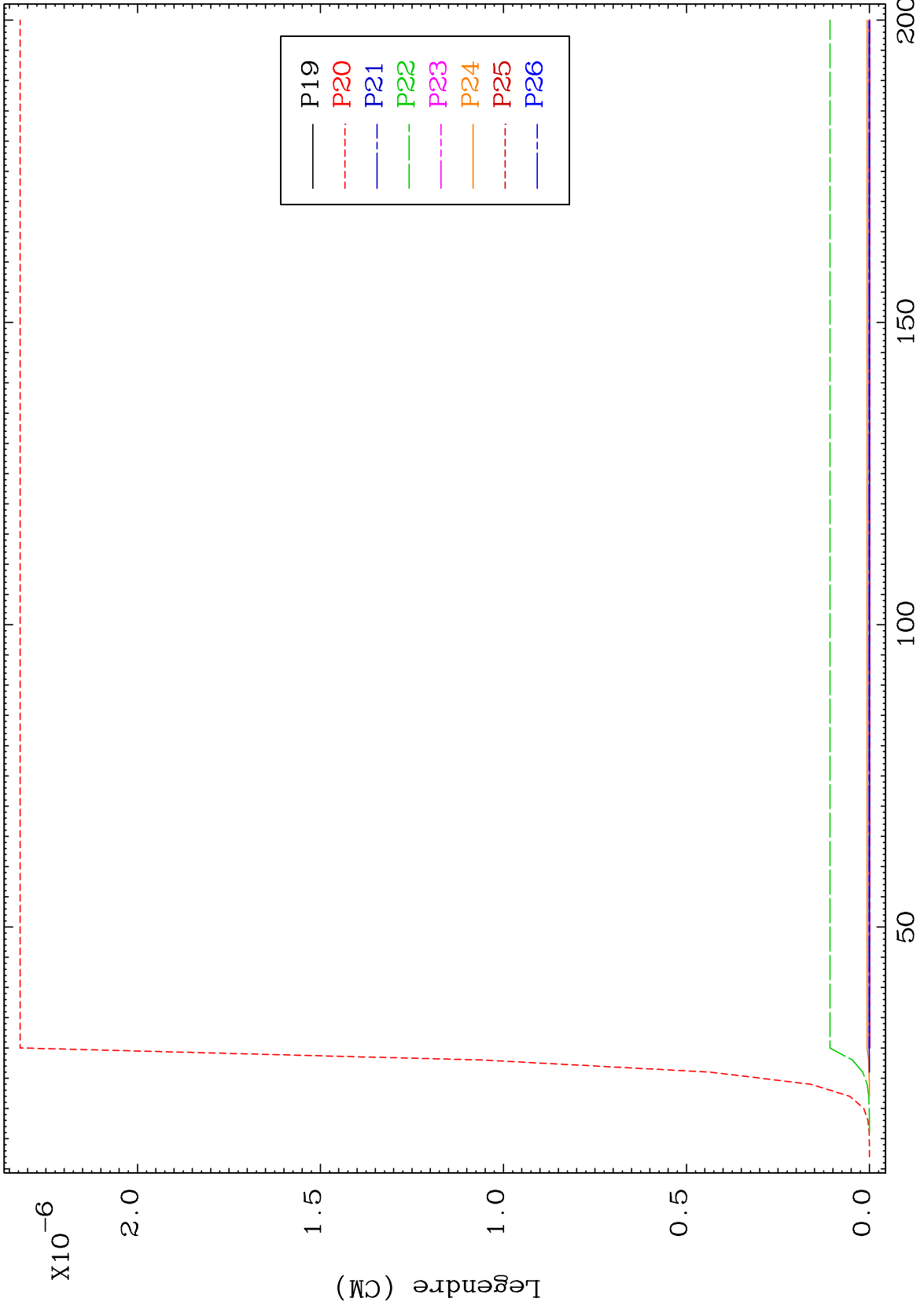


53

Incident Energy (MeV)

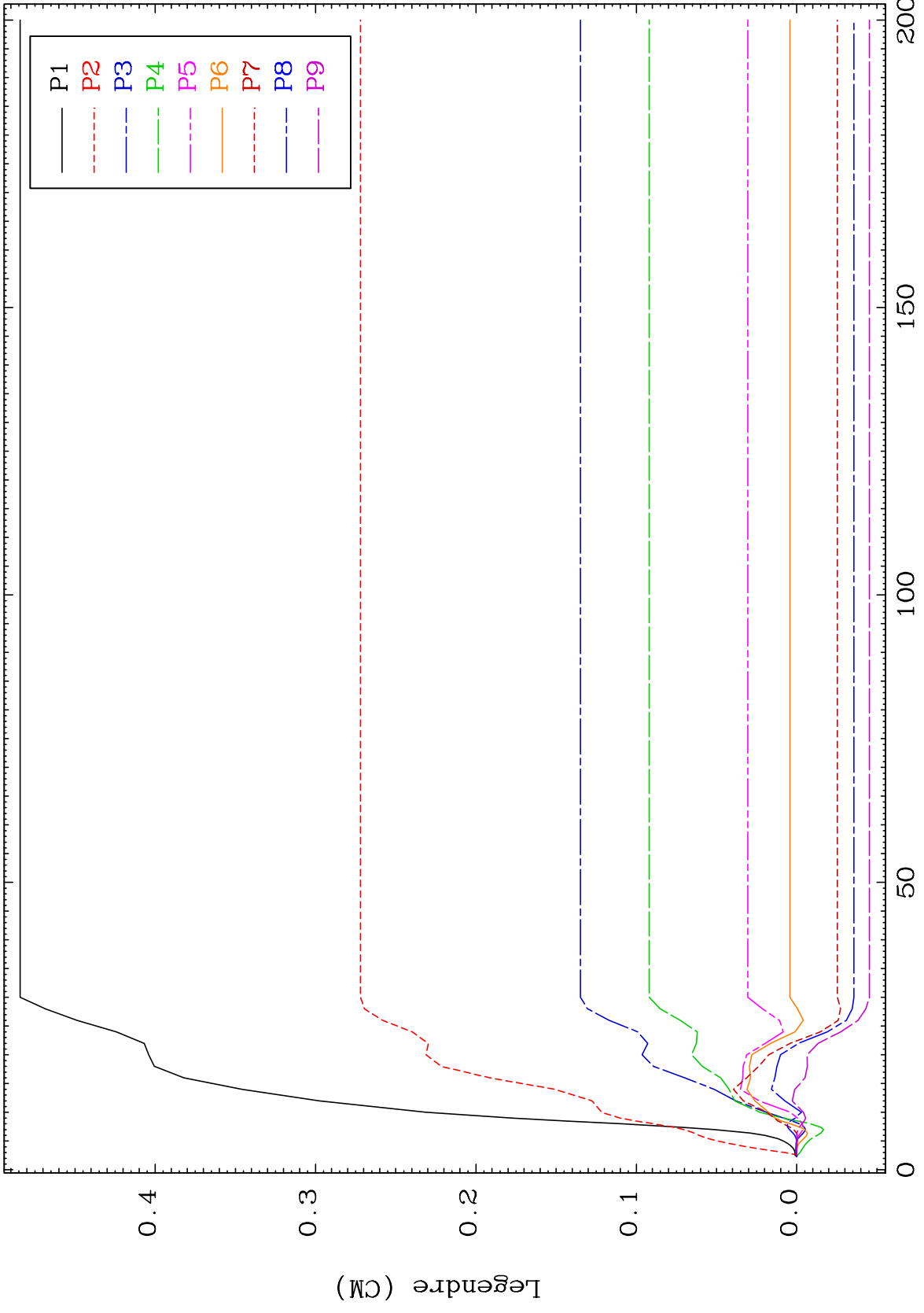
52-Te-132

MAT 5261 MT= 59 (n,n') Level Legendre Coefficients 52-Te-132



54 52-Te-132

MAT 5261 MT= 60 (n,n') Level Legendre Coefficients 52-Te-132

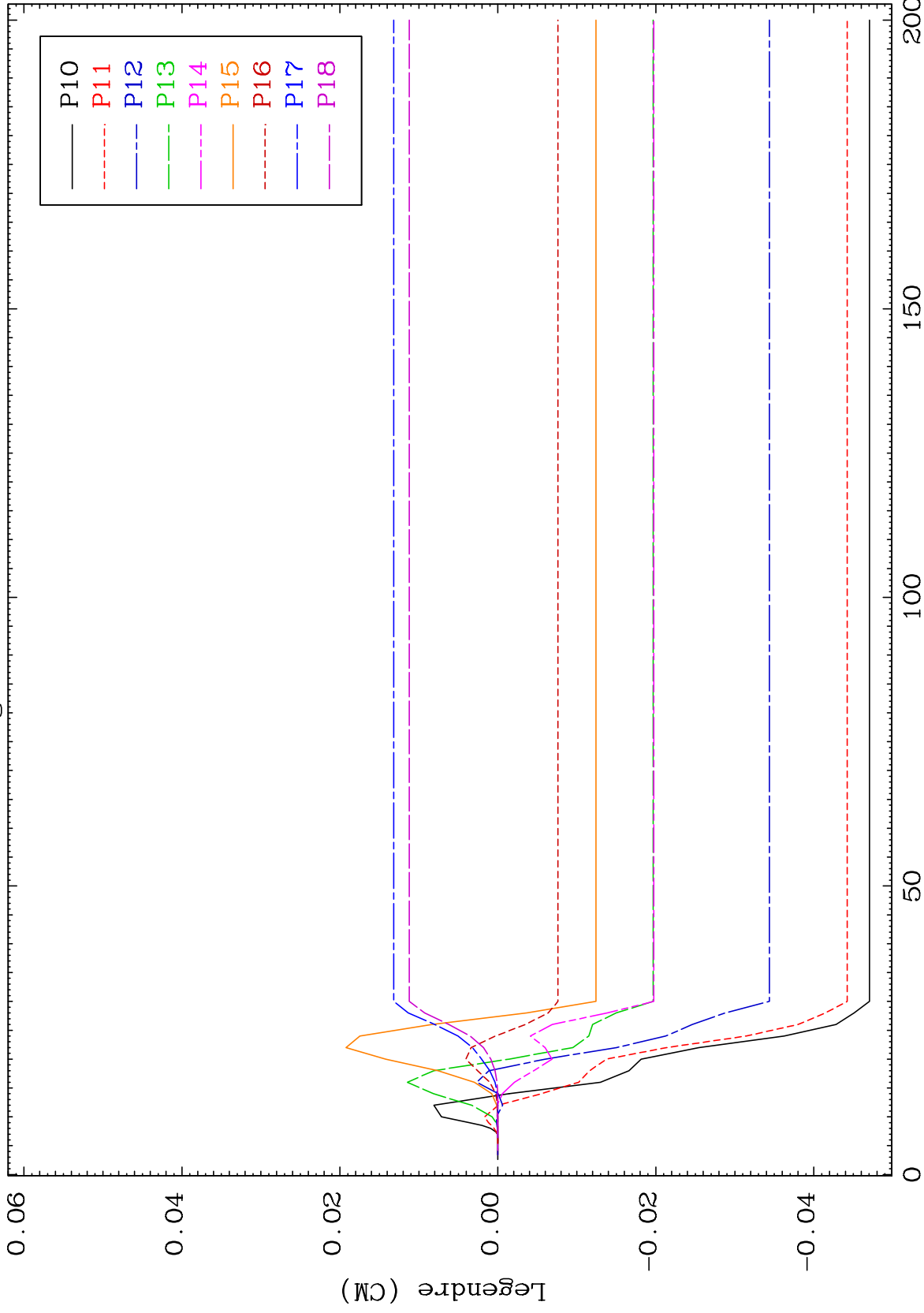


55 52-Te-132

MAT 5261

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

52-Te-132



56

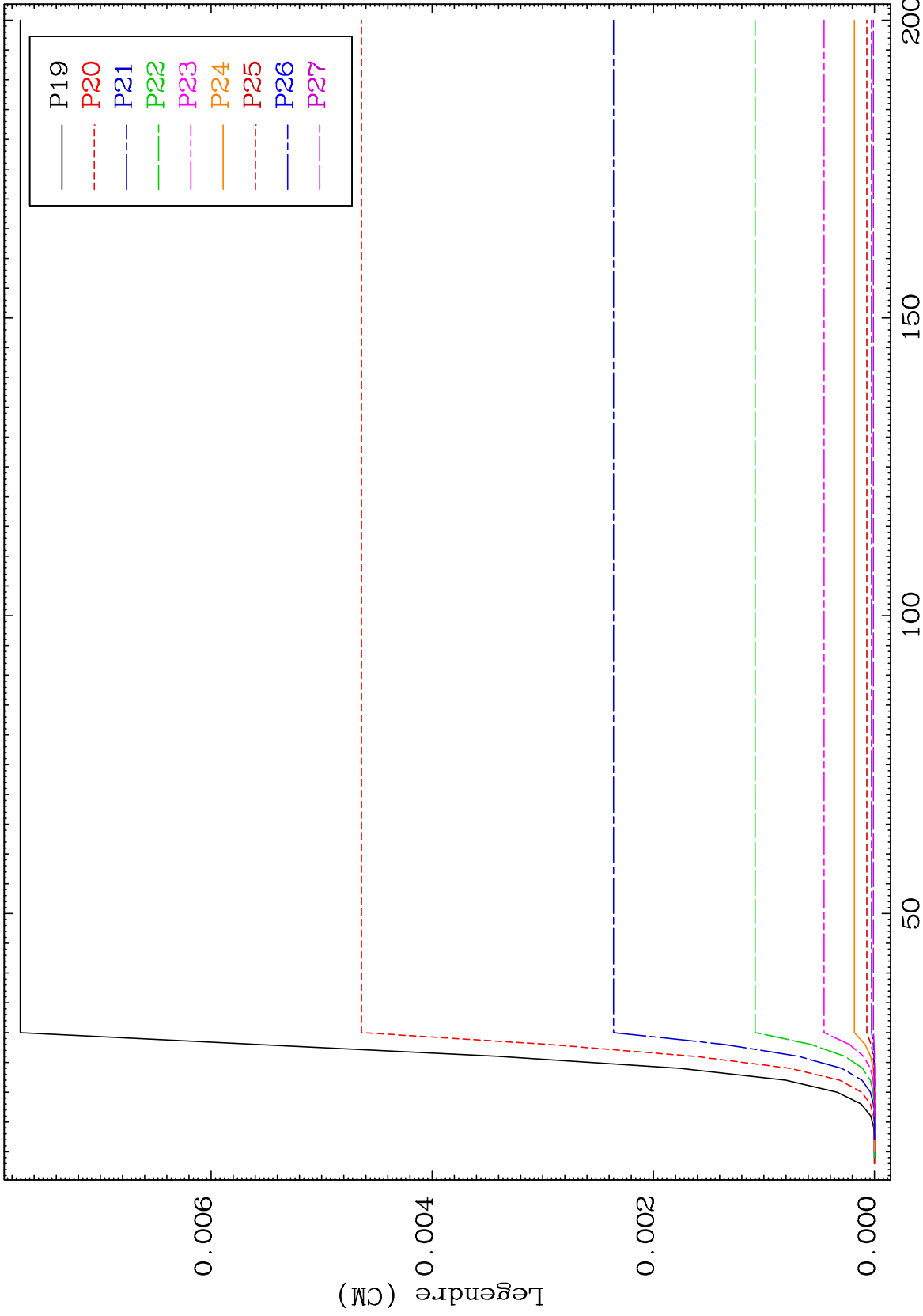
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



57

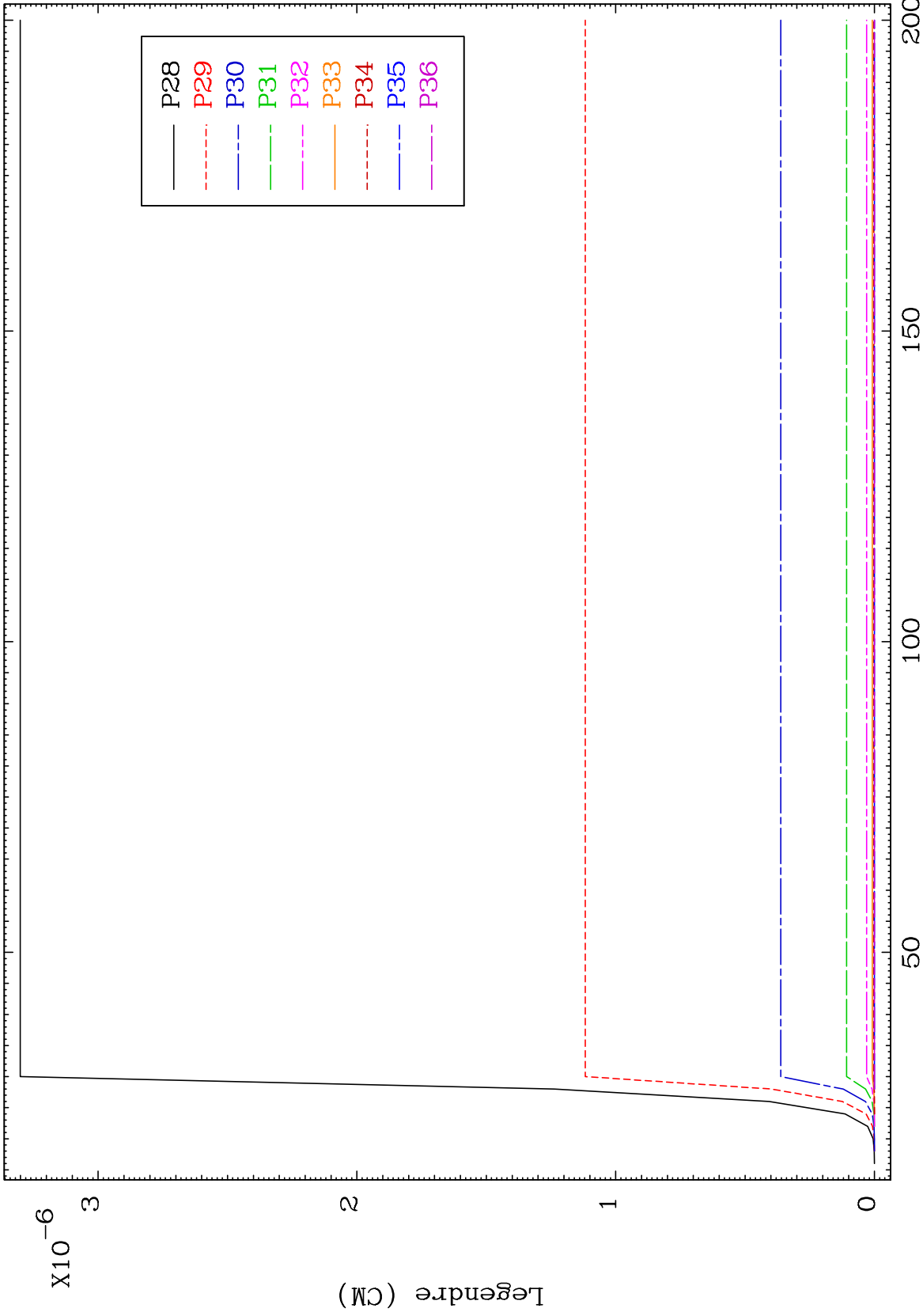
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



58

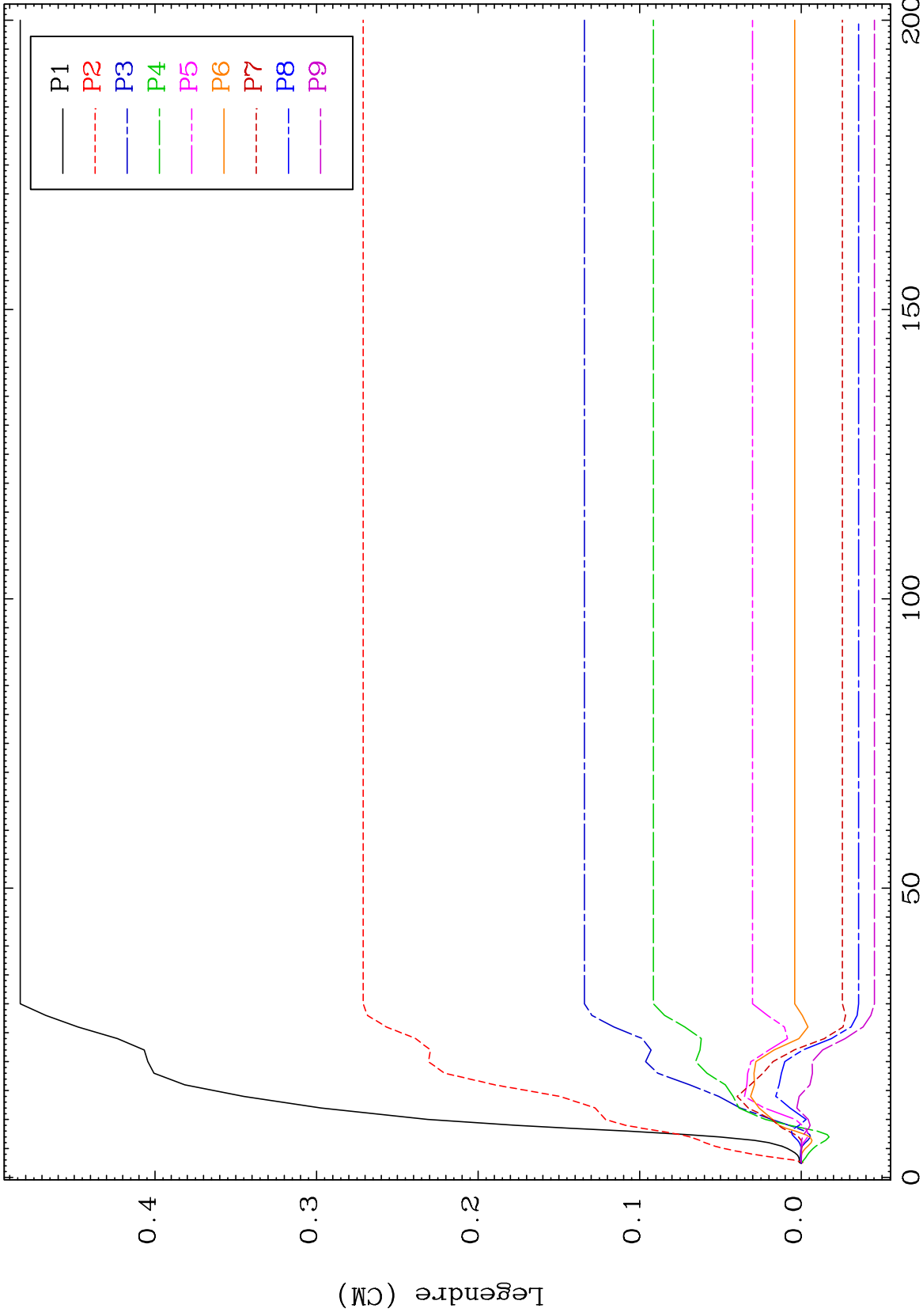
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



59

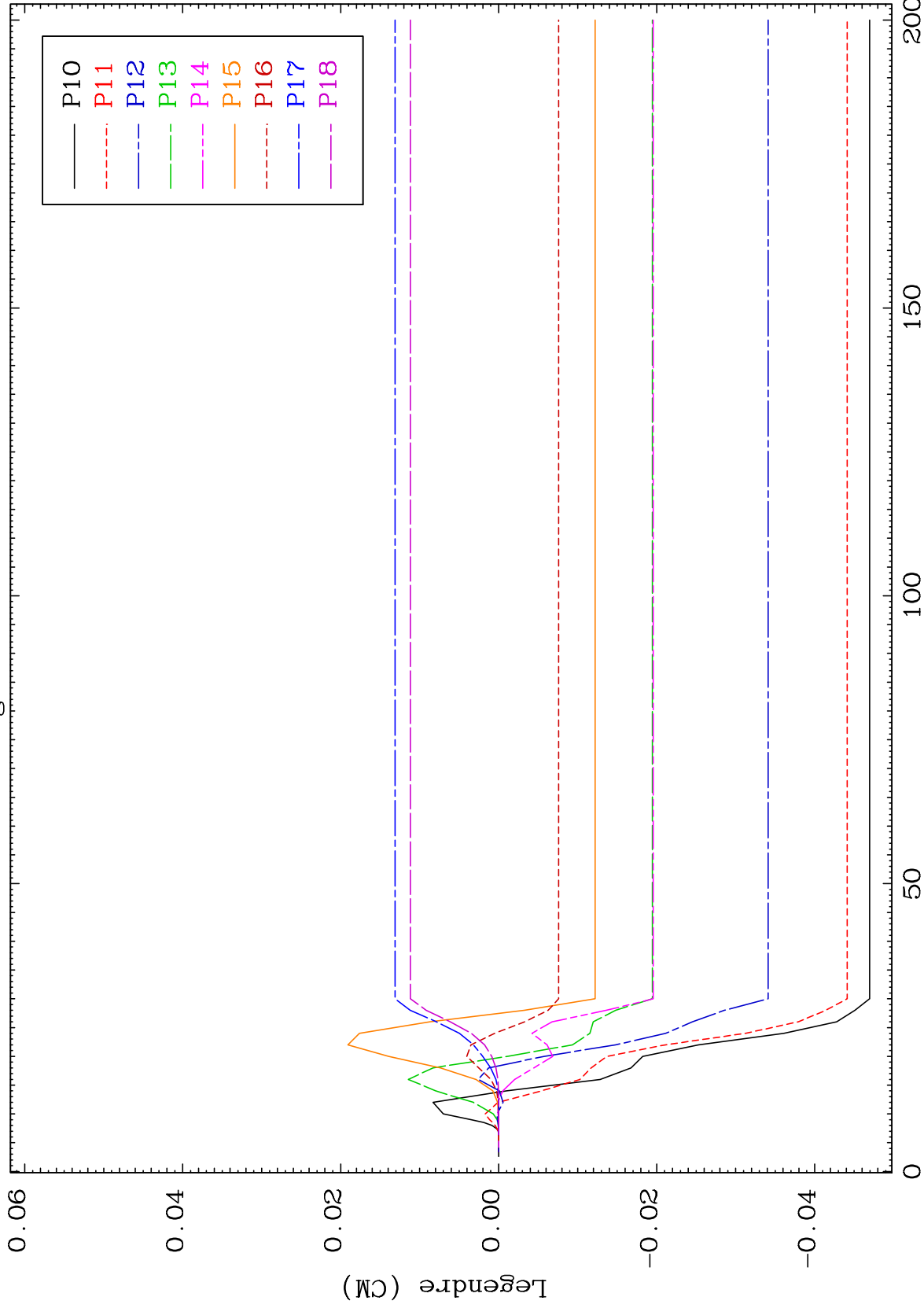
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



60

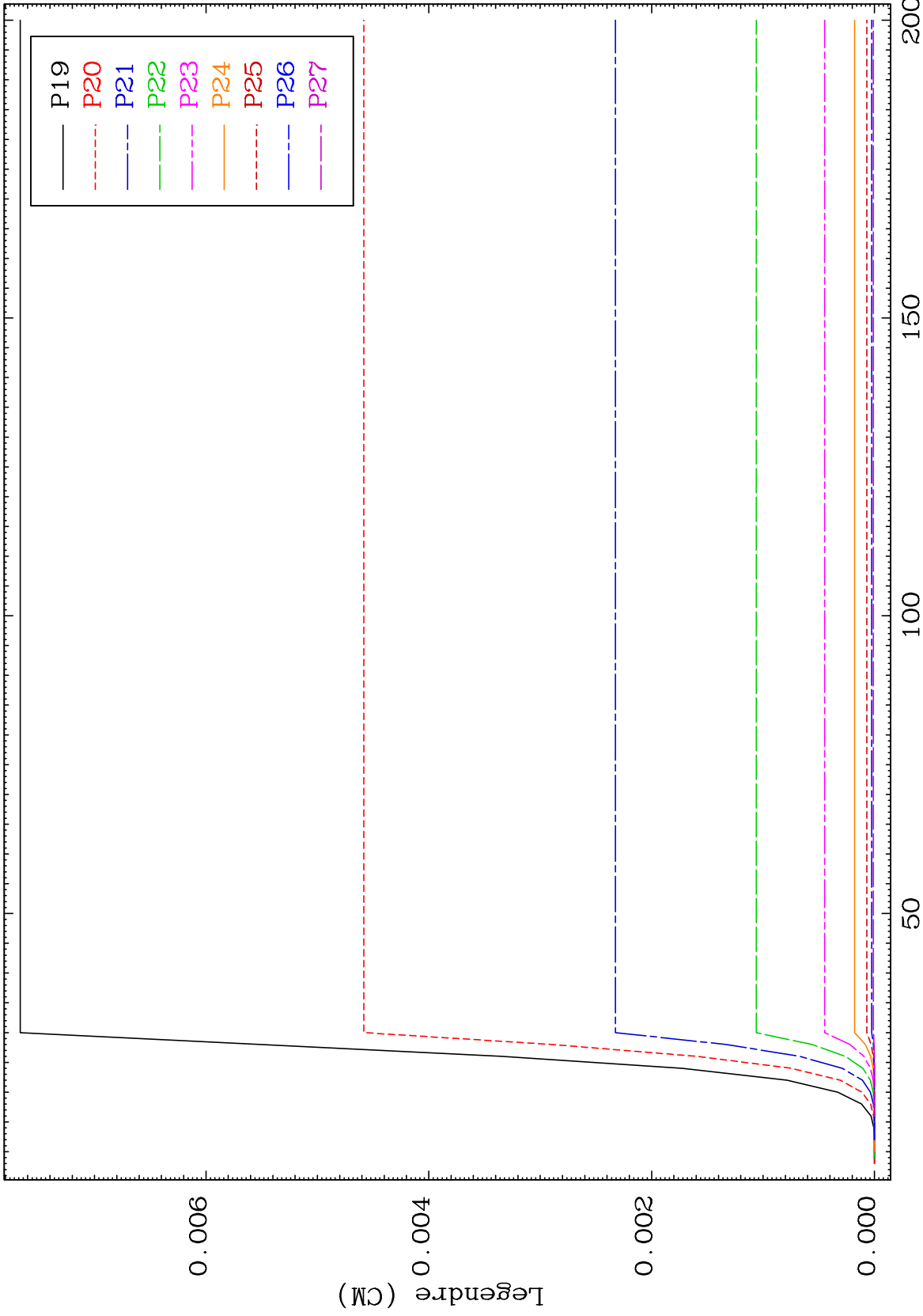
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



61

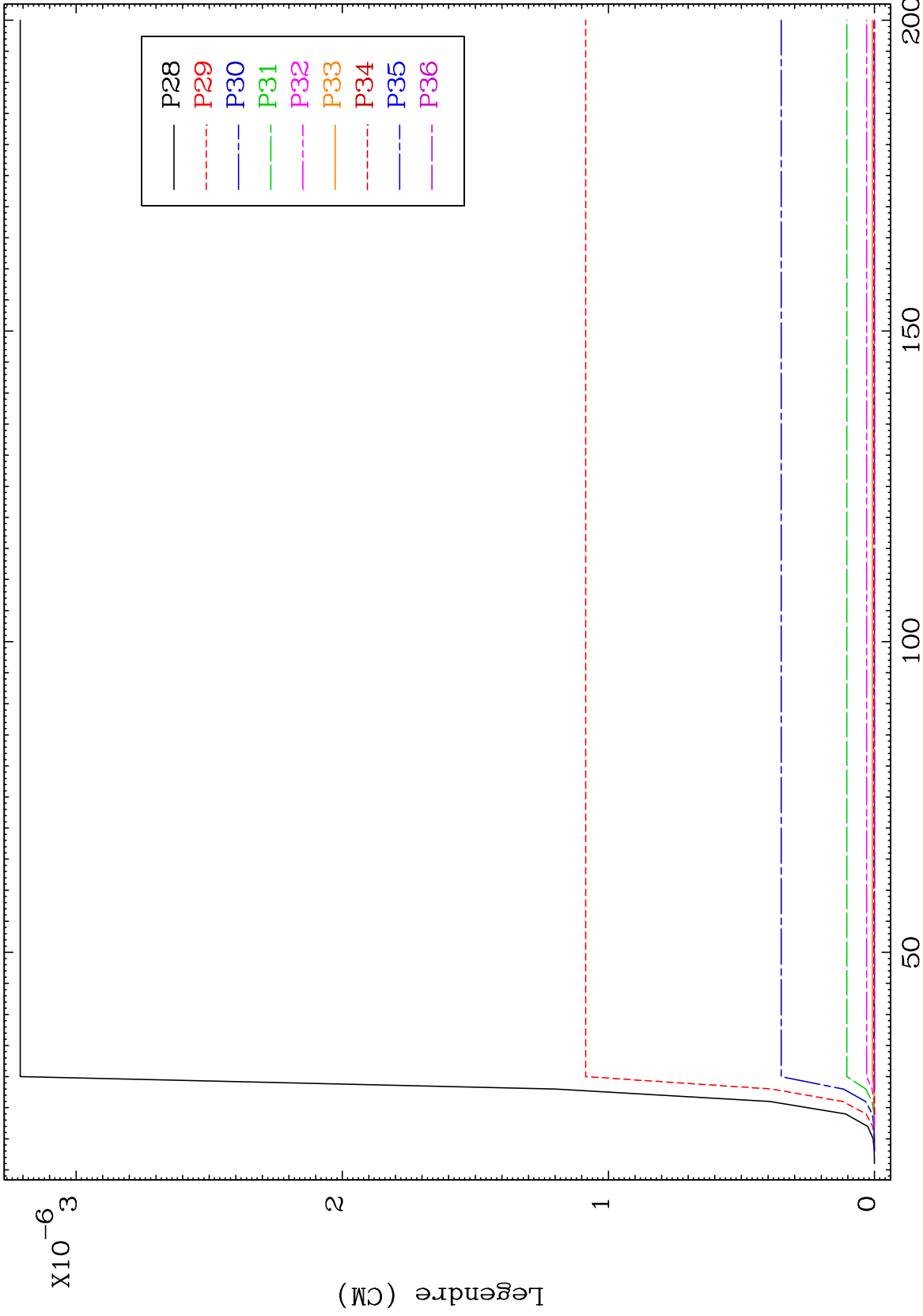
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



62

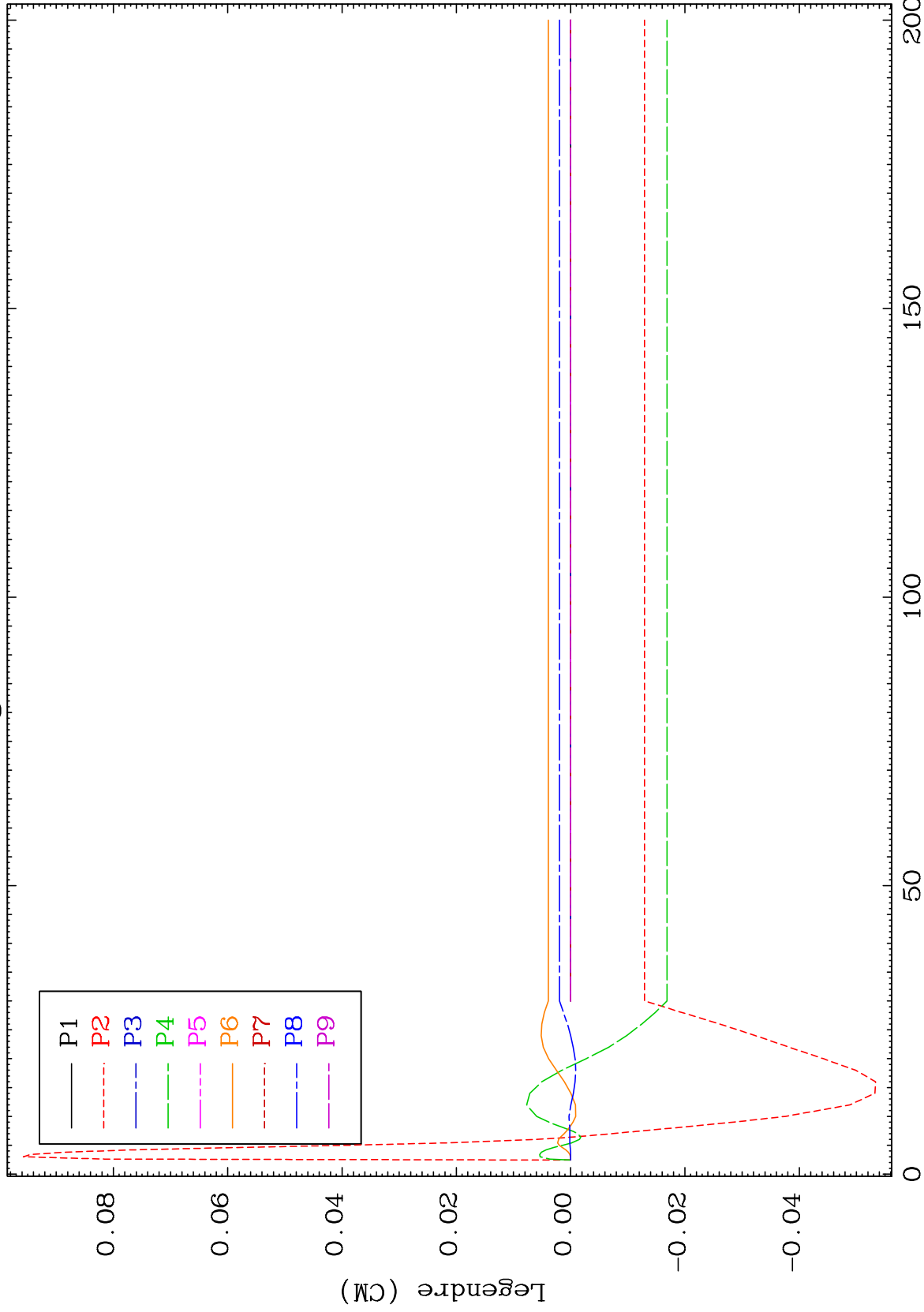
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



63

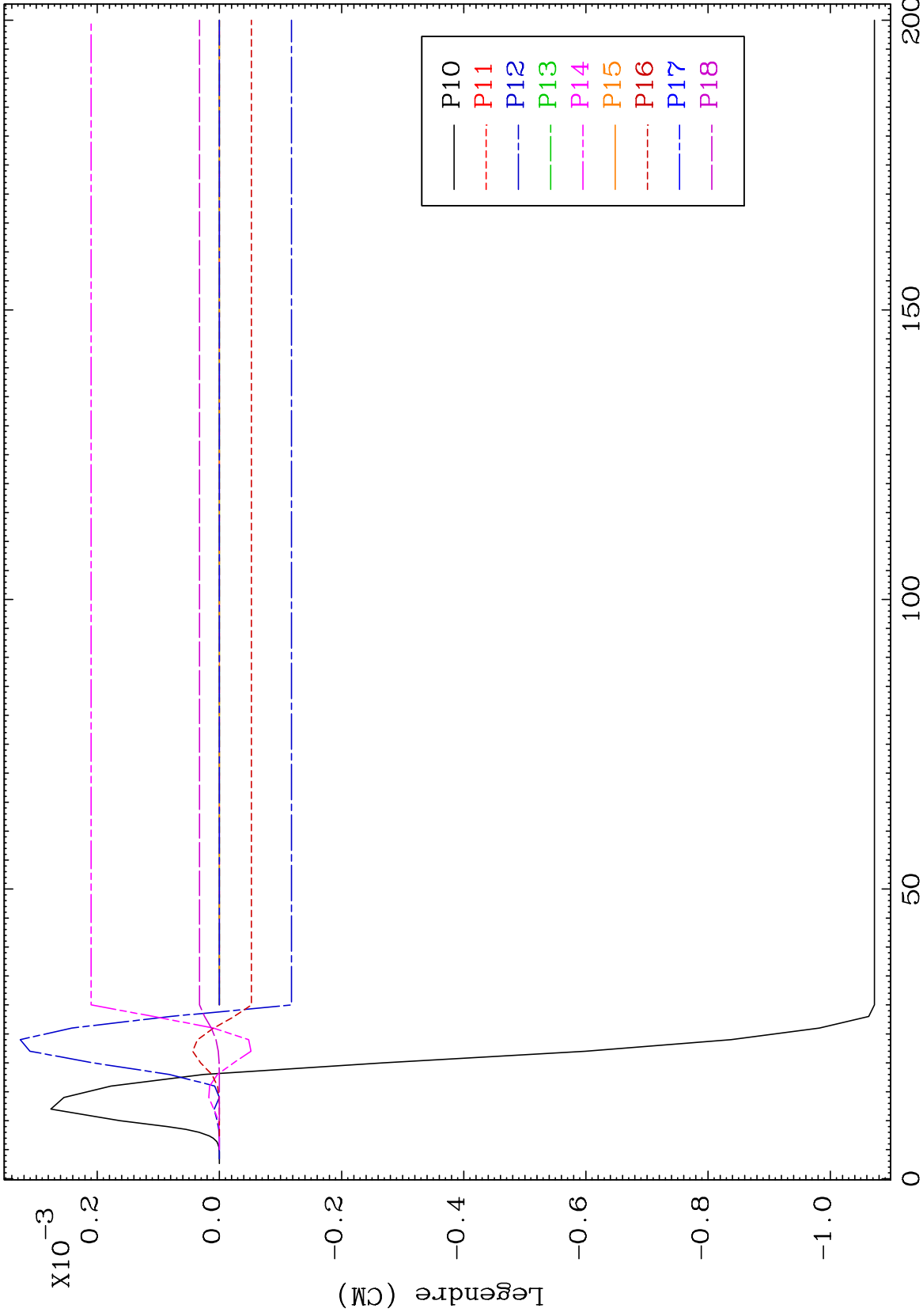
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132

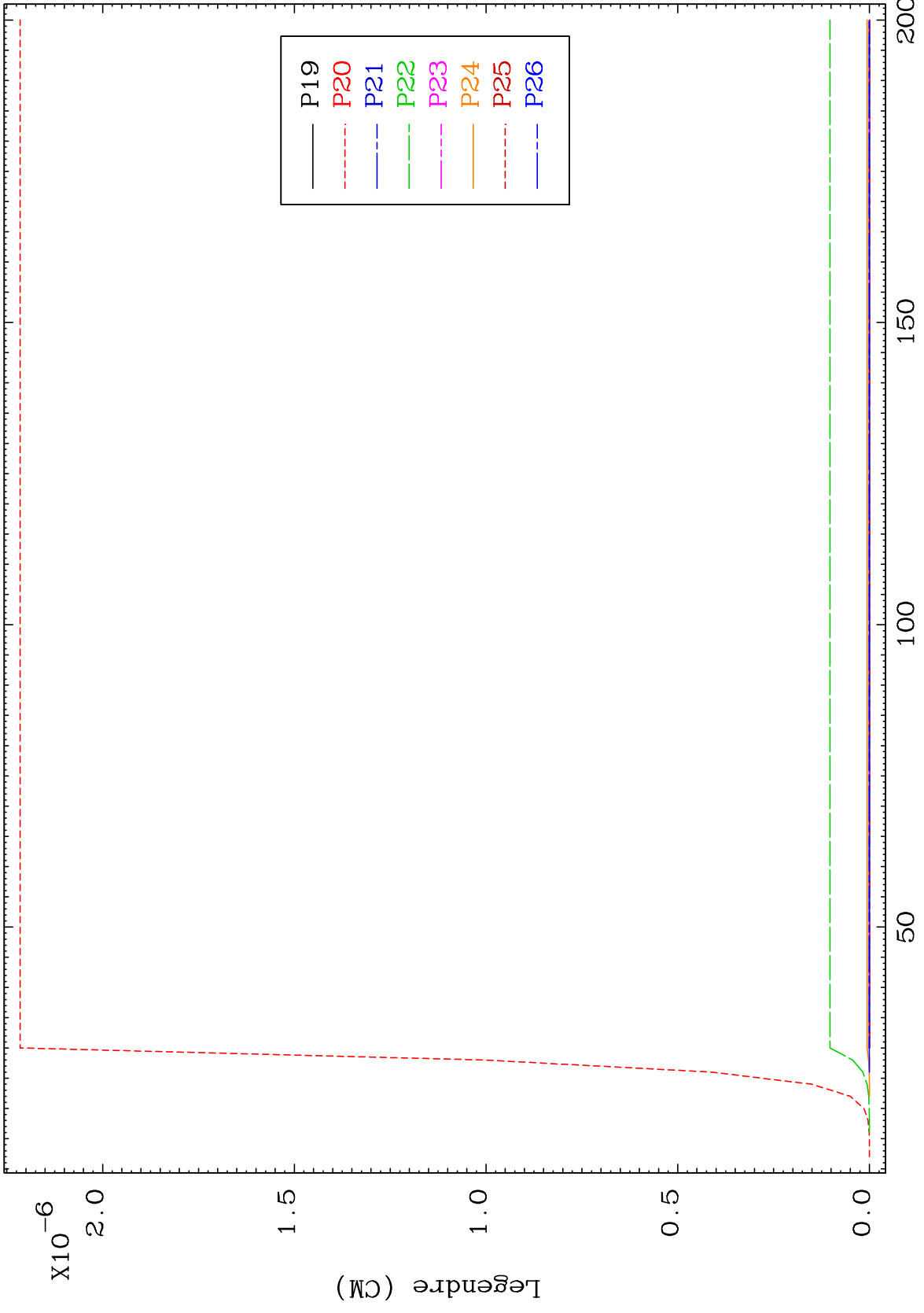


64

Incident Energy (MeV)

52-Te-132

MAT 5261 MT= 62 (n,n') Level Legendre Coefficients 52-Te-132

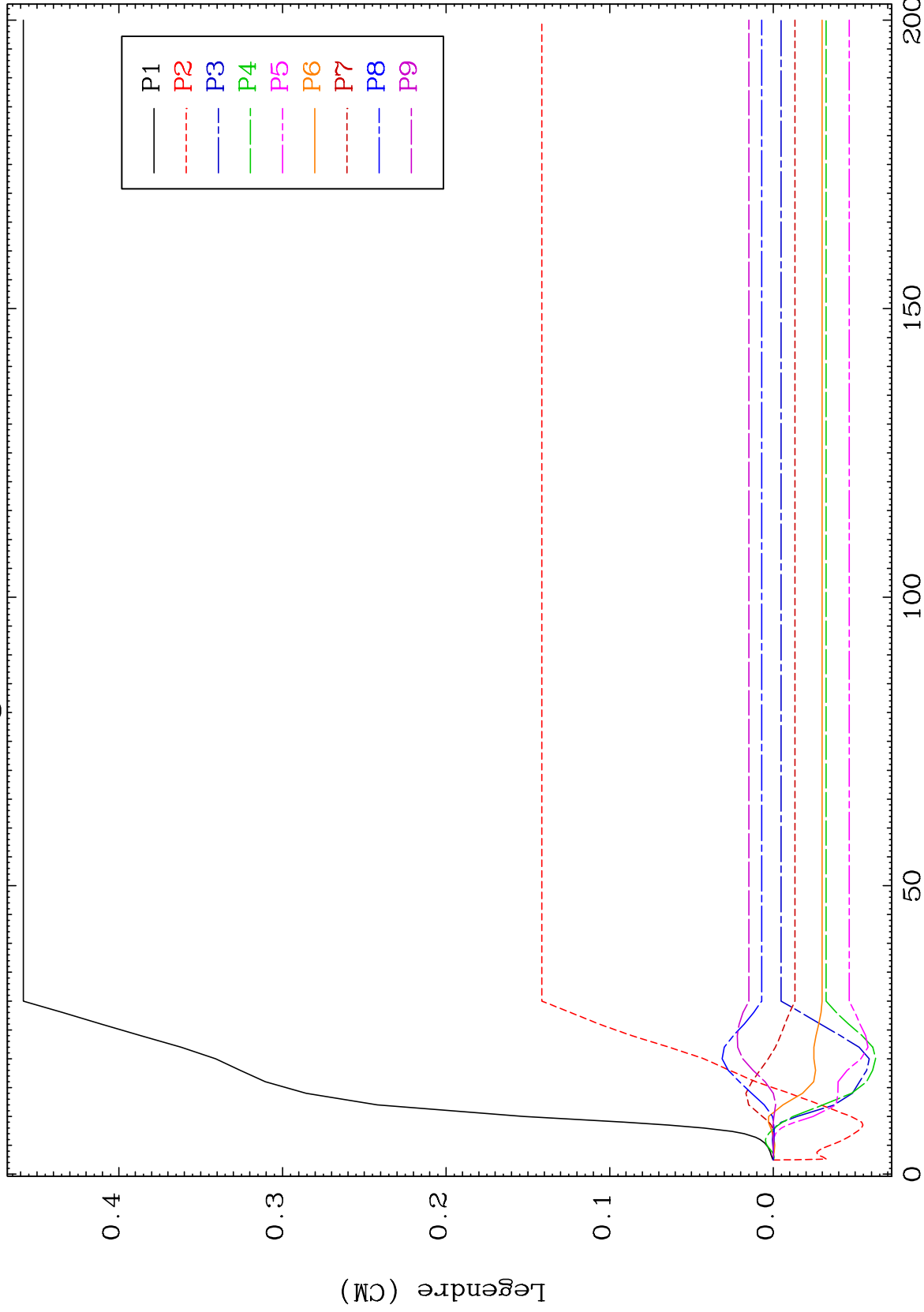


65 50 100 150 200 52-Te-132

MAT 5261

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

52-Te-132



66

Incident Energy (MeV)

52-Te-132

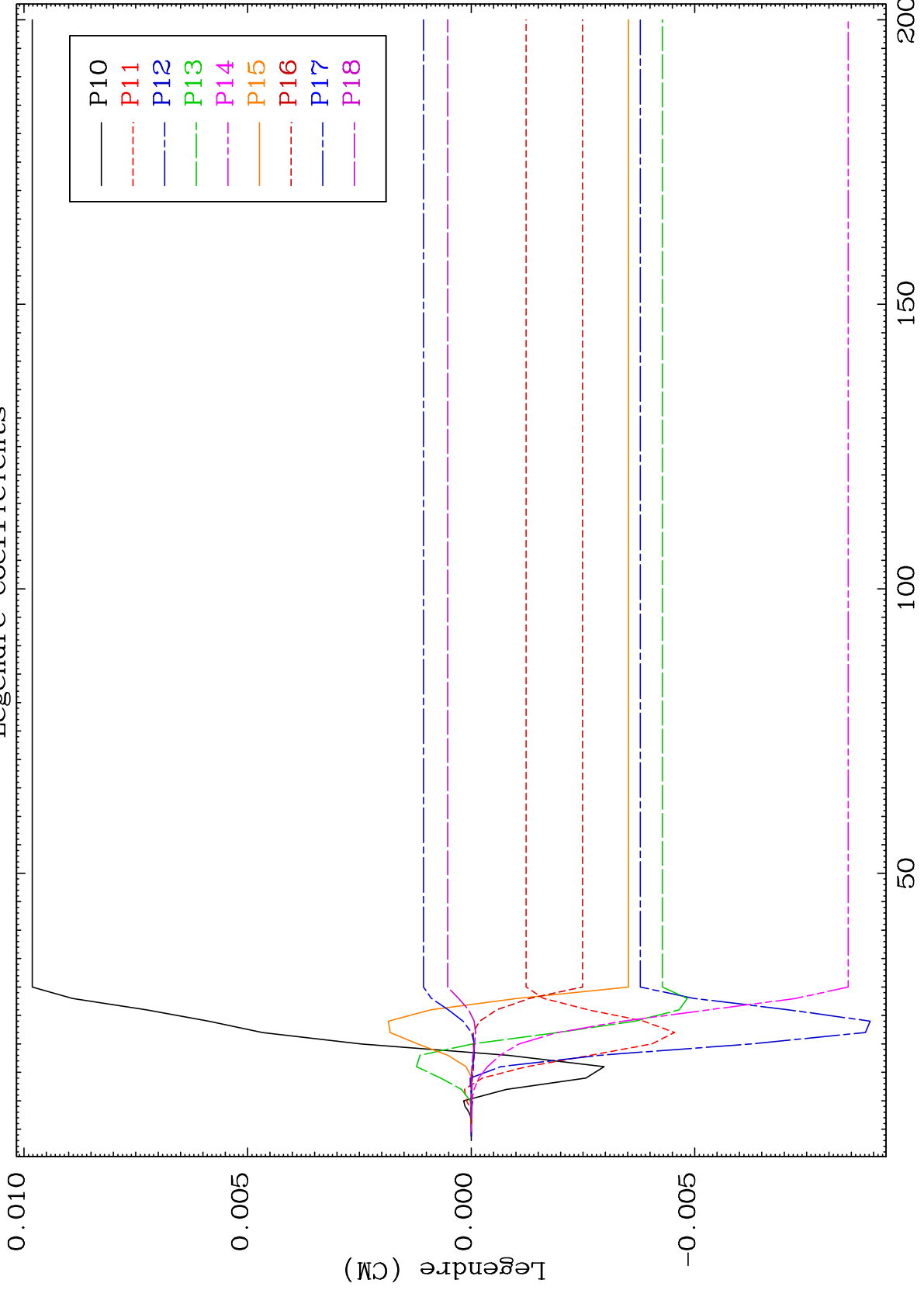
MAT 5261 MT= 63 (n,n') Level Legendre Coefficients

67

52-Te-132

52-Te-132

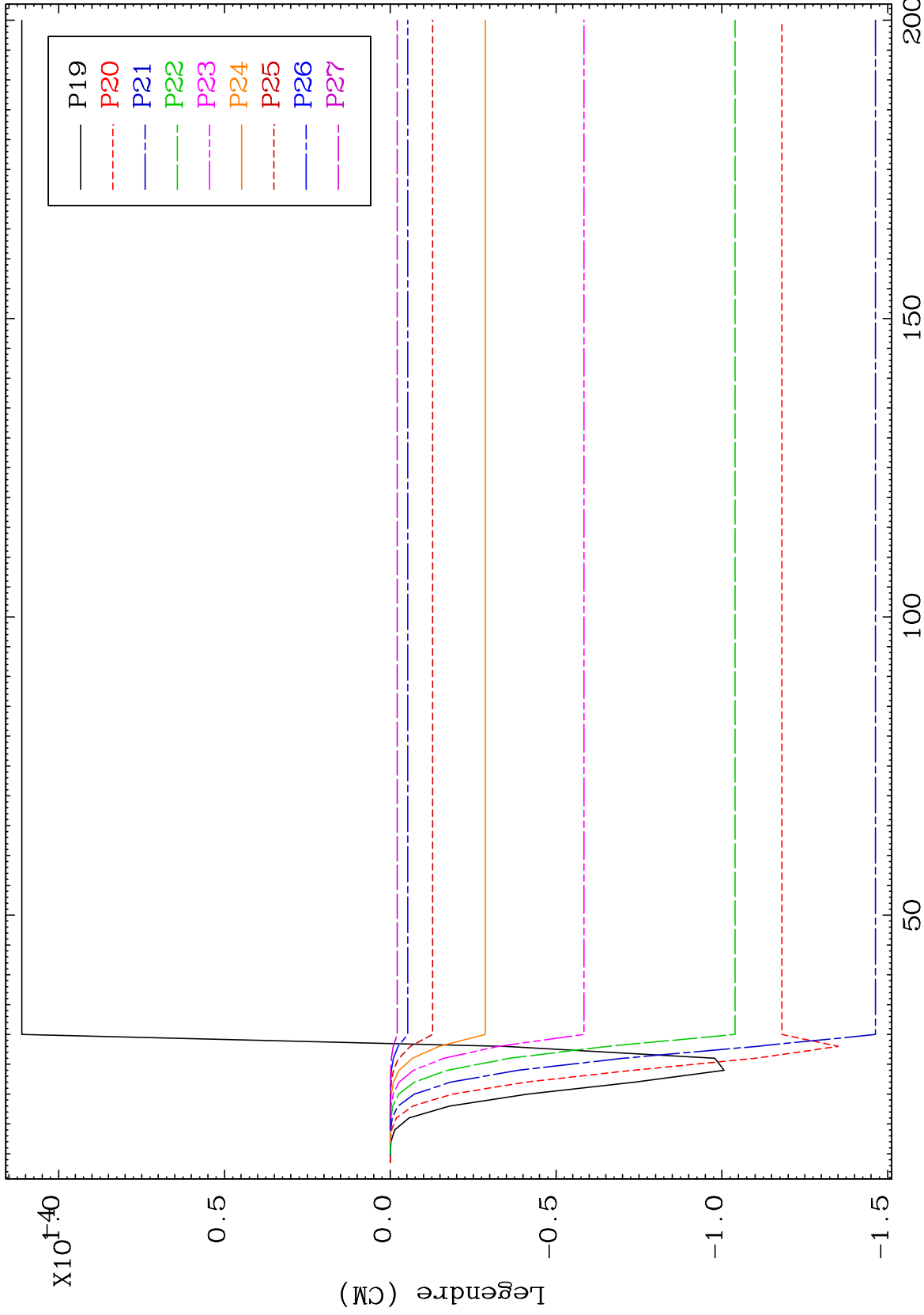
Incident Energy (MeV)



MAT 5261

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

52-Te-132



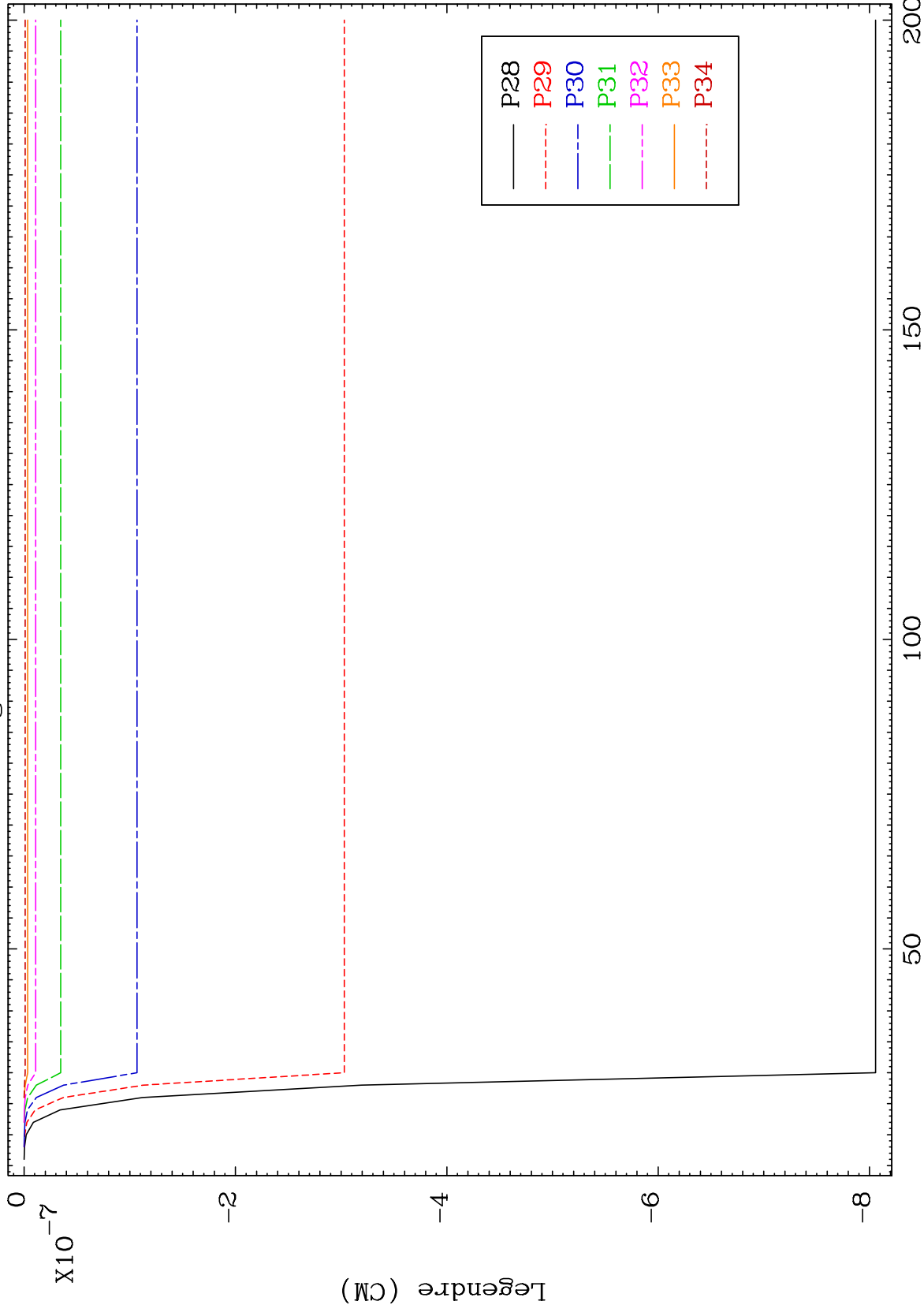
68

52-Te-132

MAT 5261

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

52-Te-132



52-Te-132

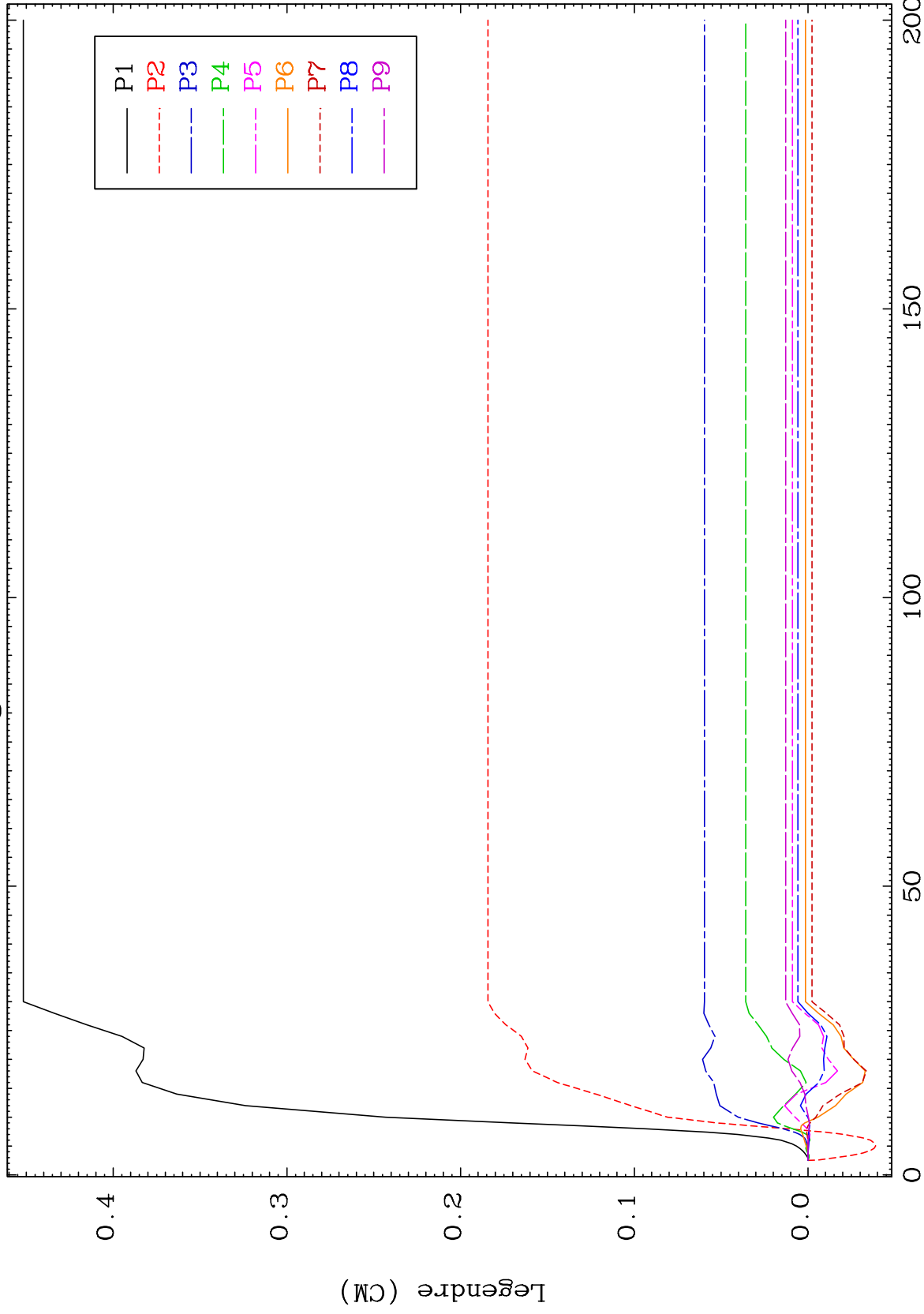
Incident Energy (MeV)

69

MAT 5261

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

52-Te-132



70

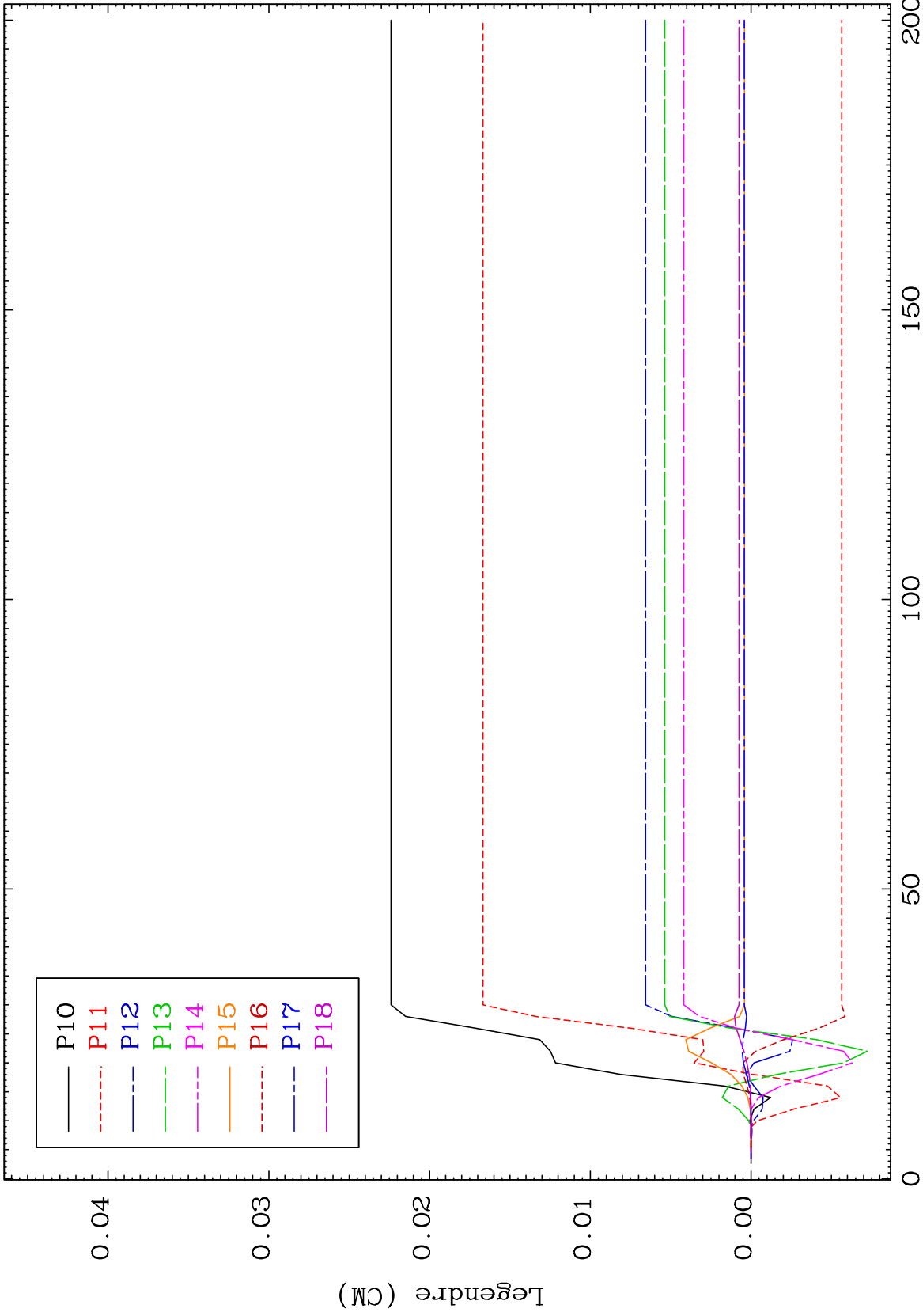
Incident Energy (MeV)

52-Te-132

MAT 5261

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

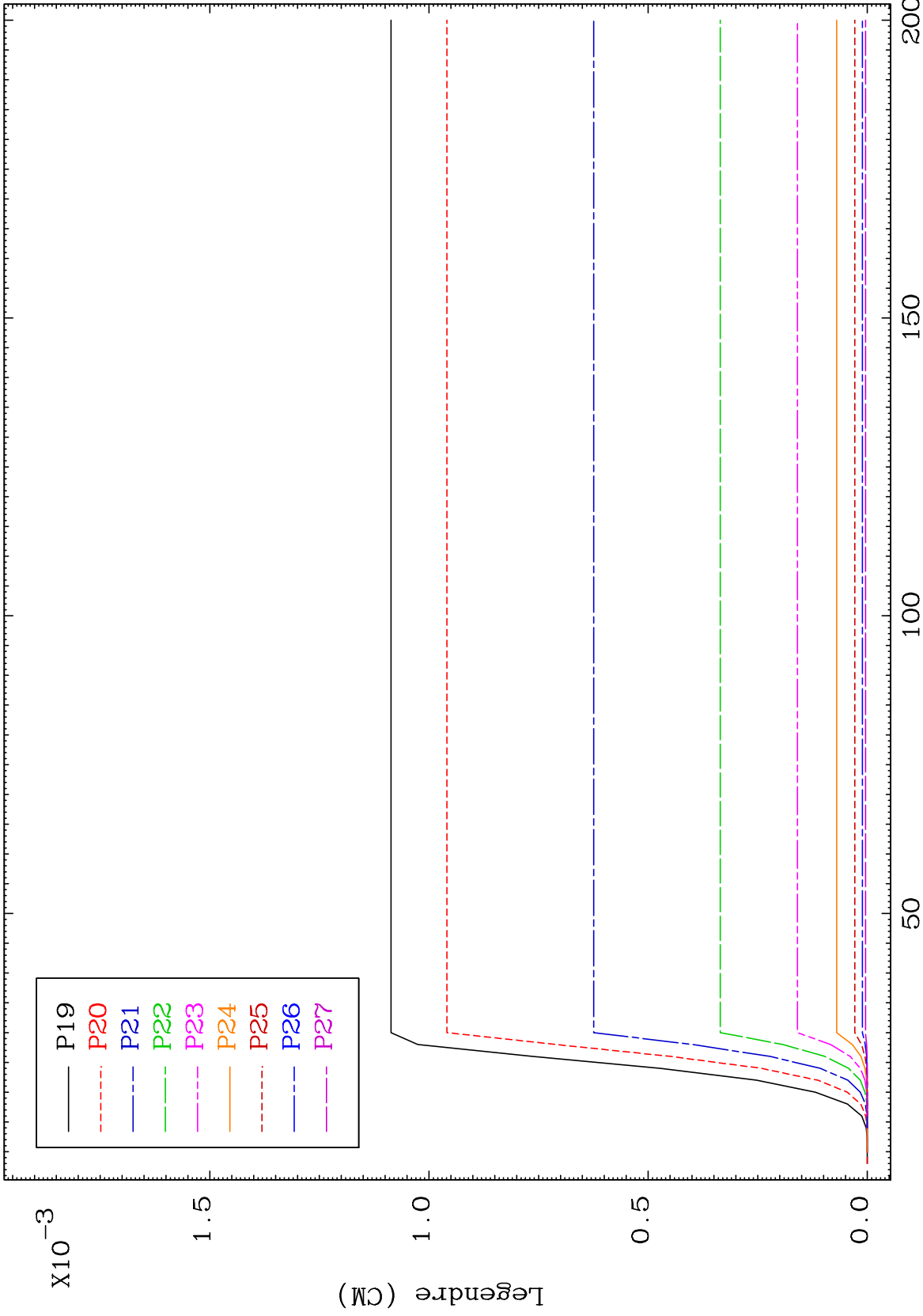
52-Te-132



MAT 5261

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

52-Te-132



72

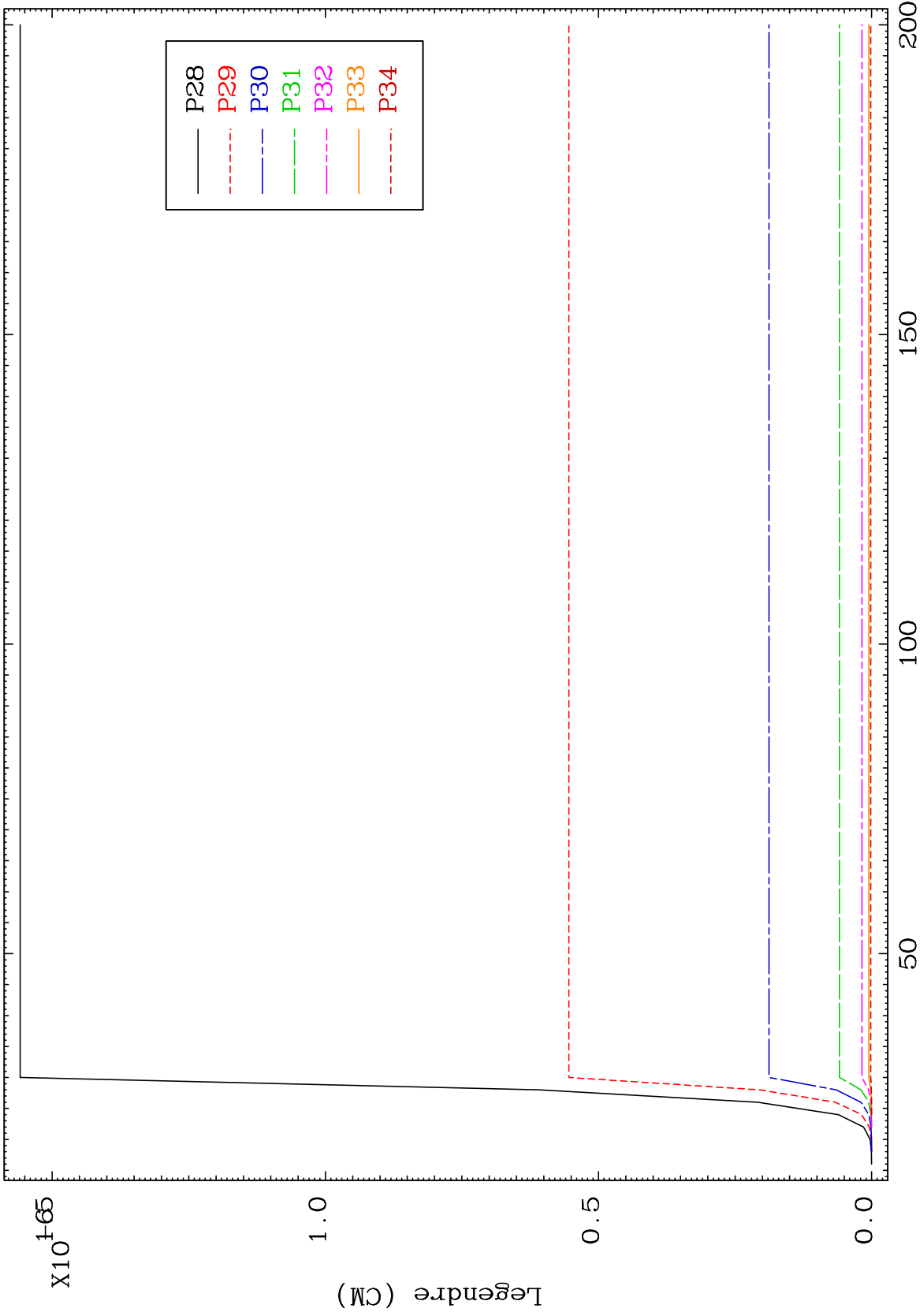
Incident Energy (MeV)

52-Te-132

MAT 5261

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

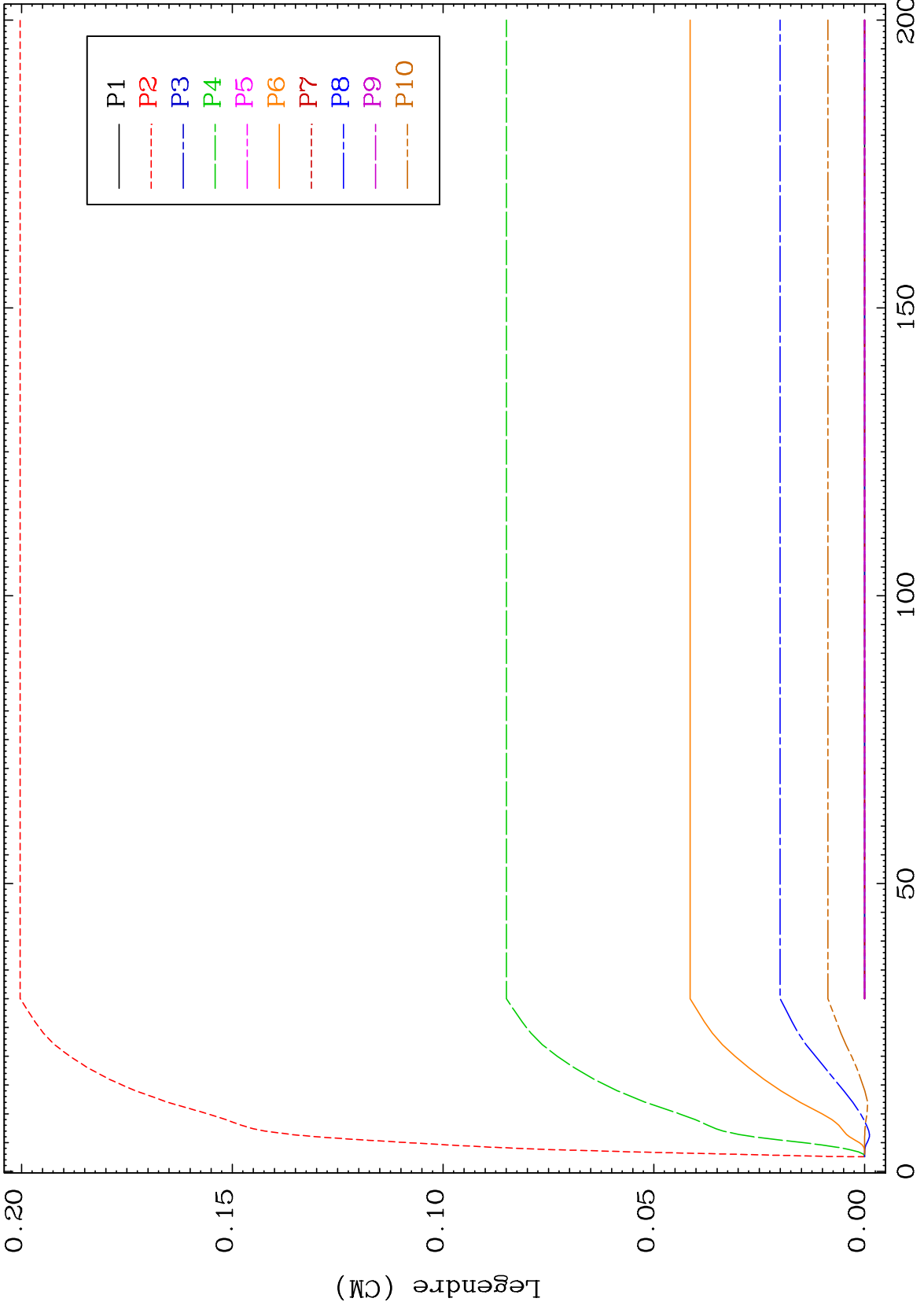
52-Te-132



73

52-Te-132

MAT 5261 MT= 65 (n,n') Level Legendre Coefficients 52-Te-132

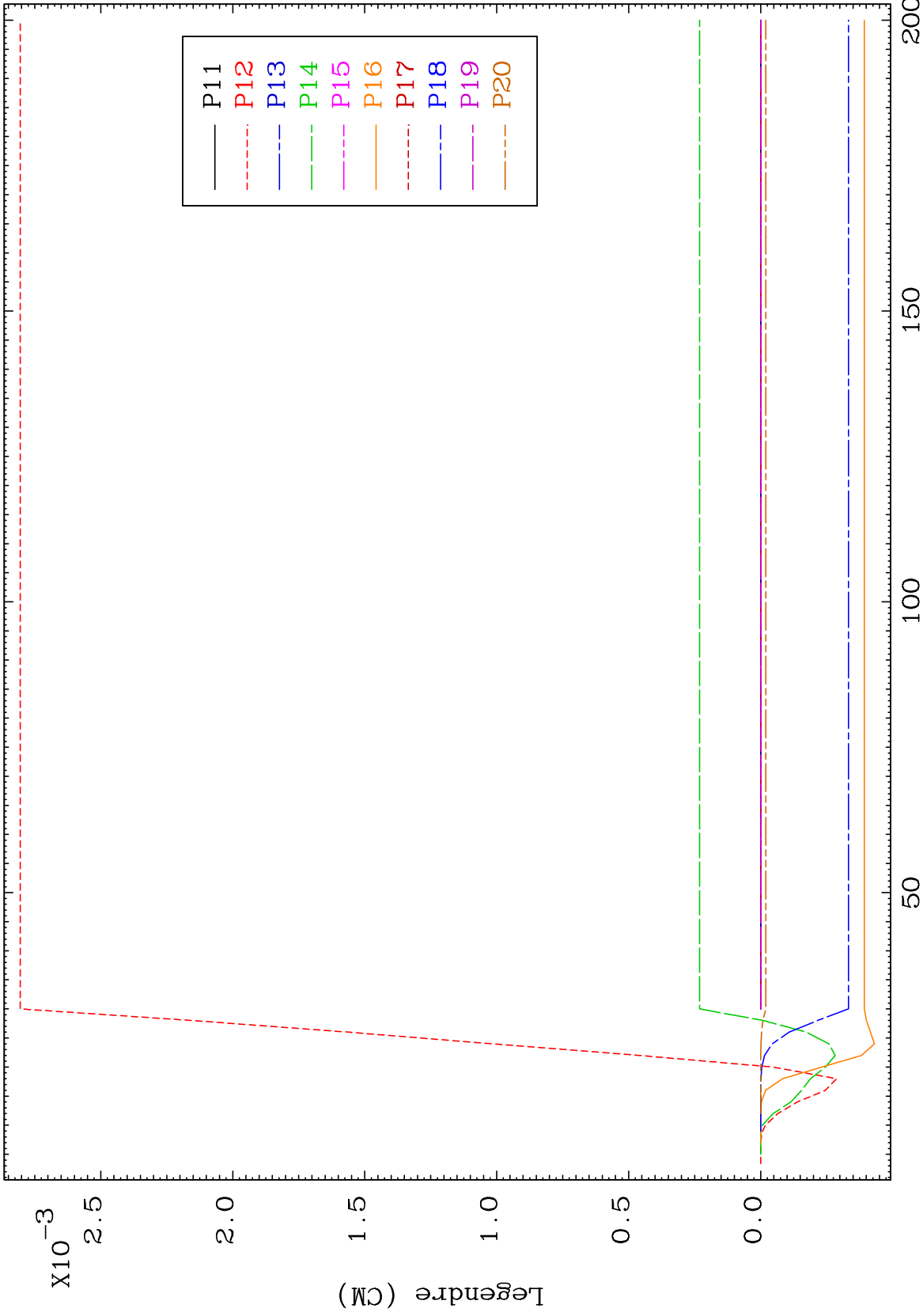


74 52-Te-132

MAT 5261

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

52-Te-132

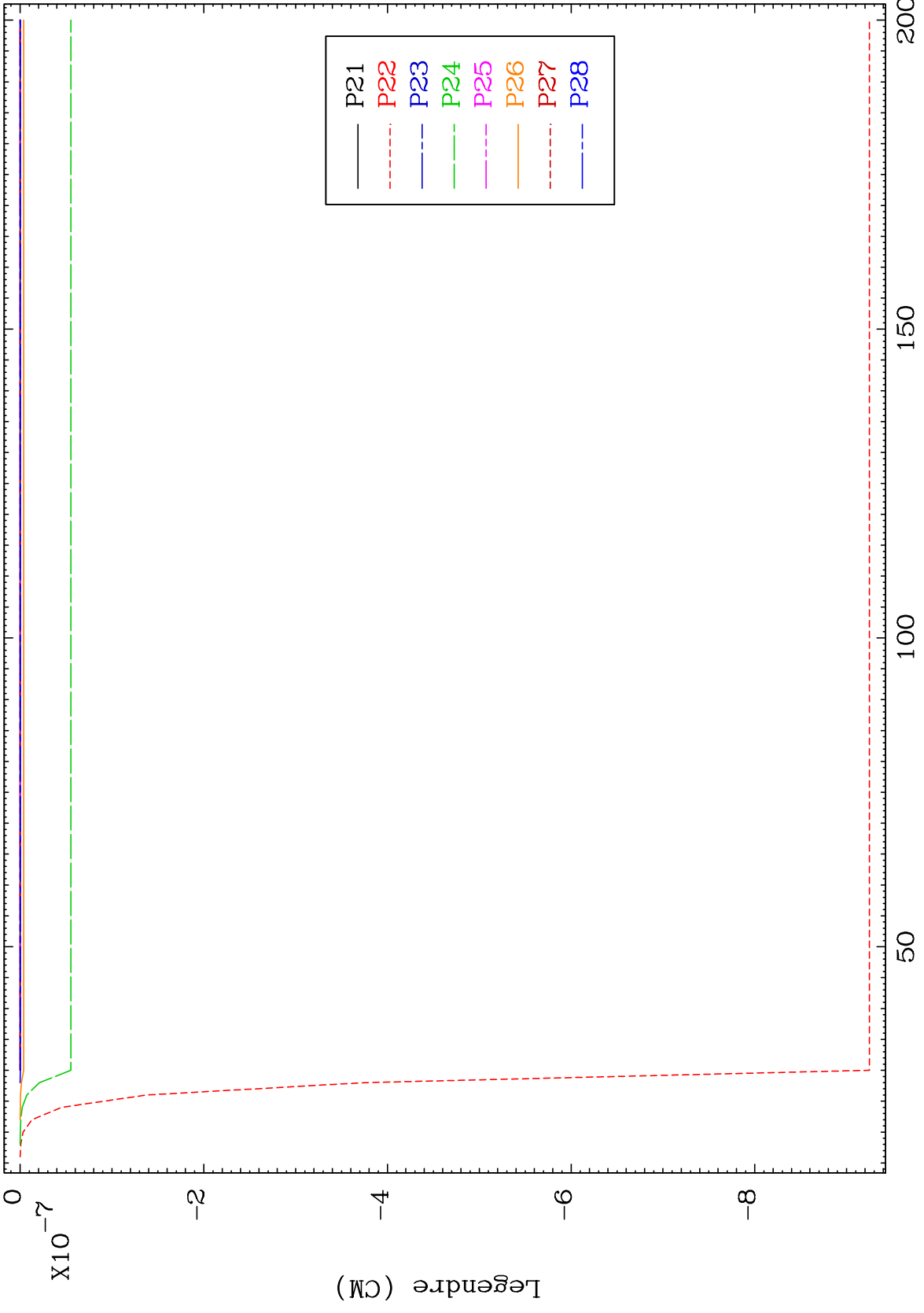


75

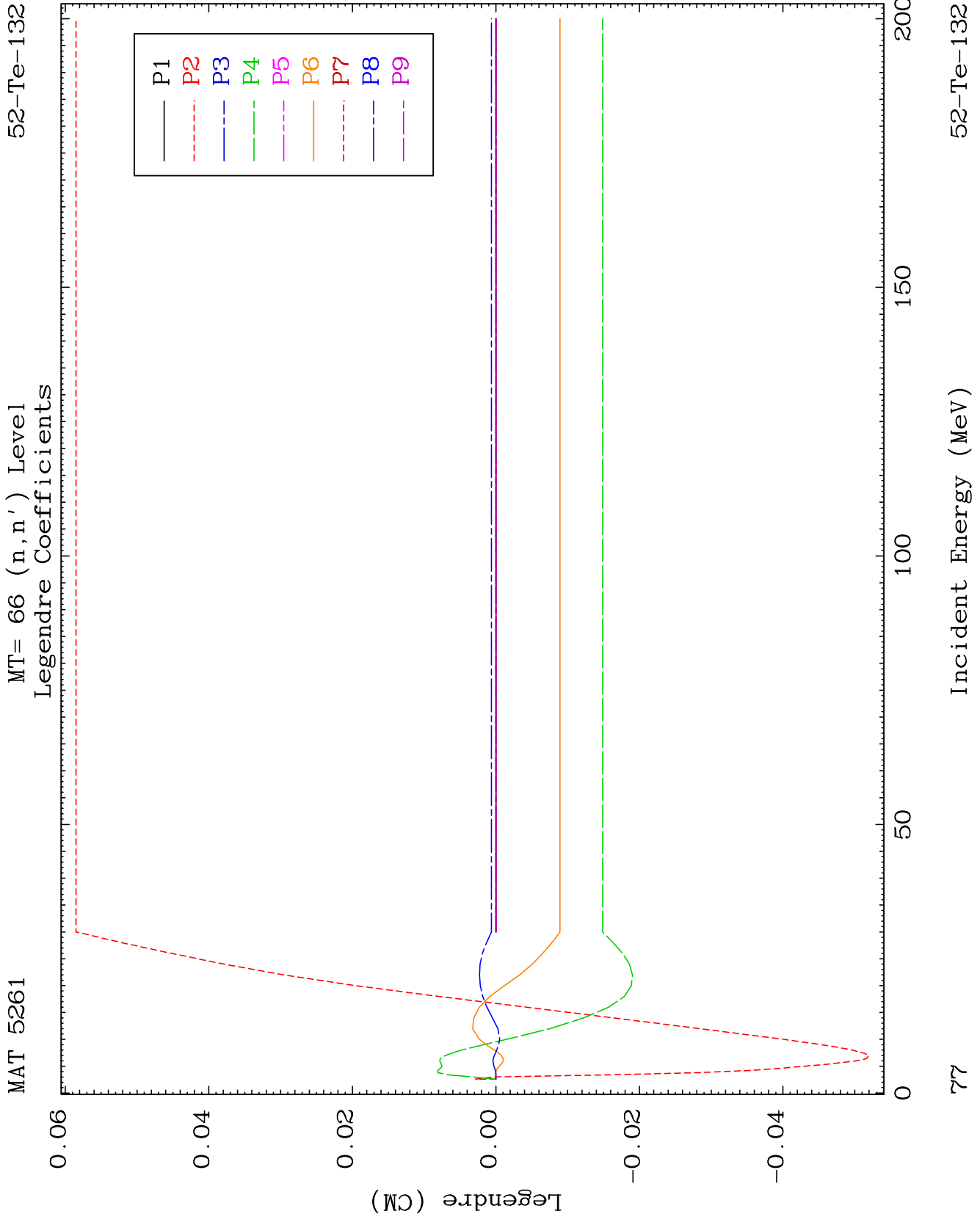
Incident Energy (MeV)

52-Te-132

MAT 5261 MT= 65 (n,n') Level Legendre Coefficients 52-Te-132



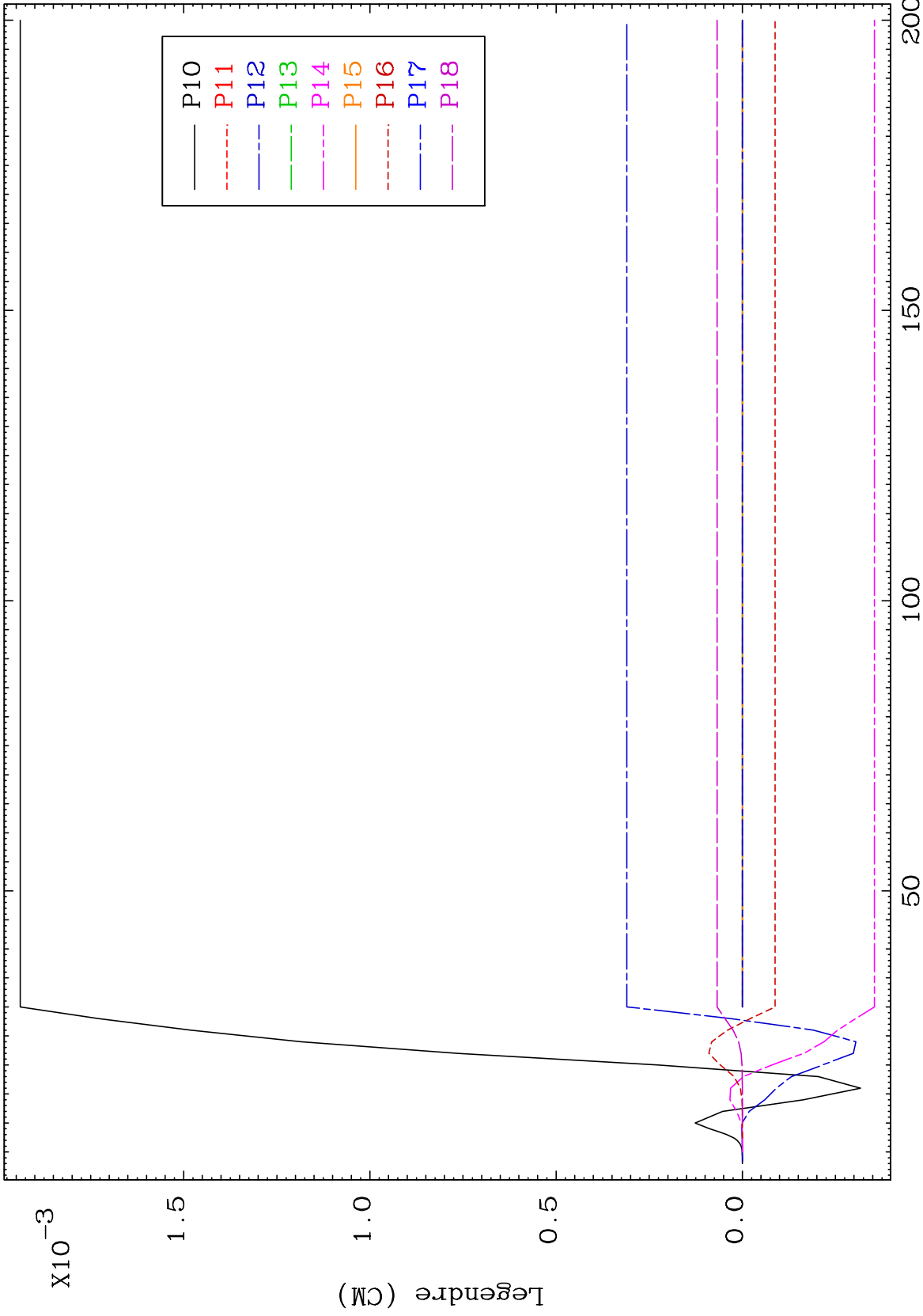
76 52-Te-132



MAT 5261

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

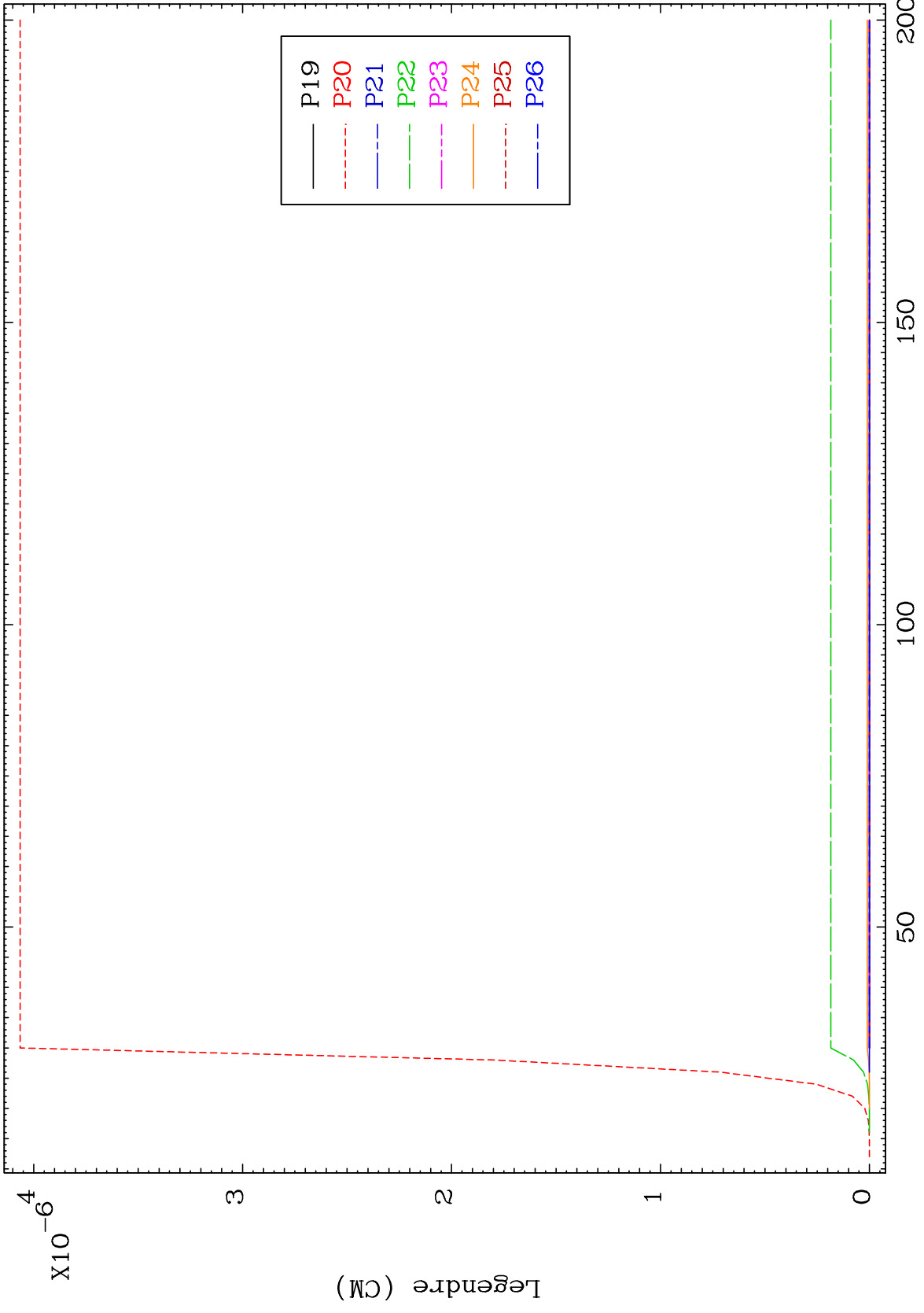
52-Te-132



78

52-Te-132

MAT 5261 MT= 66 (n,n') Level Legendre Coefficients 52-Te-132

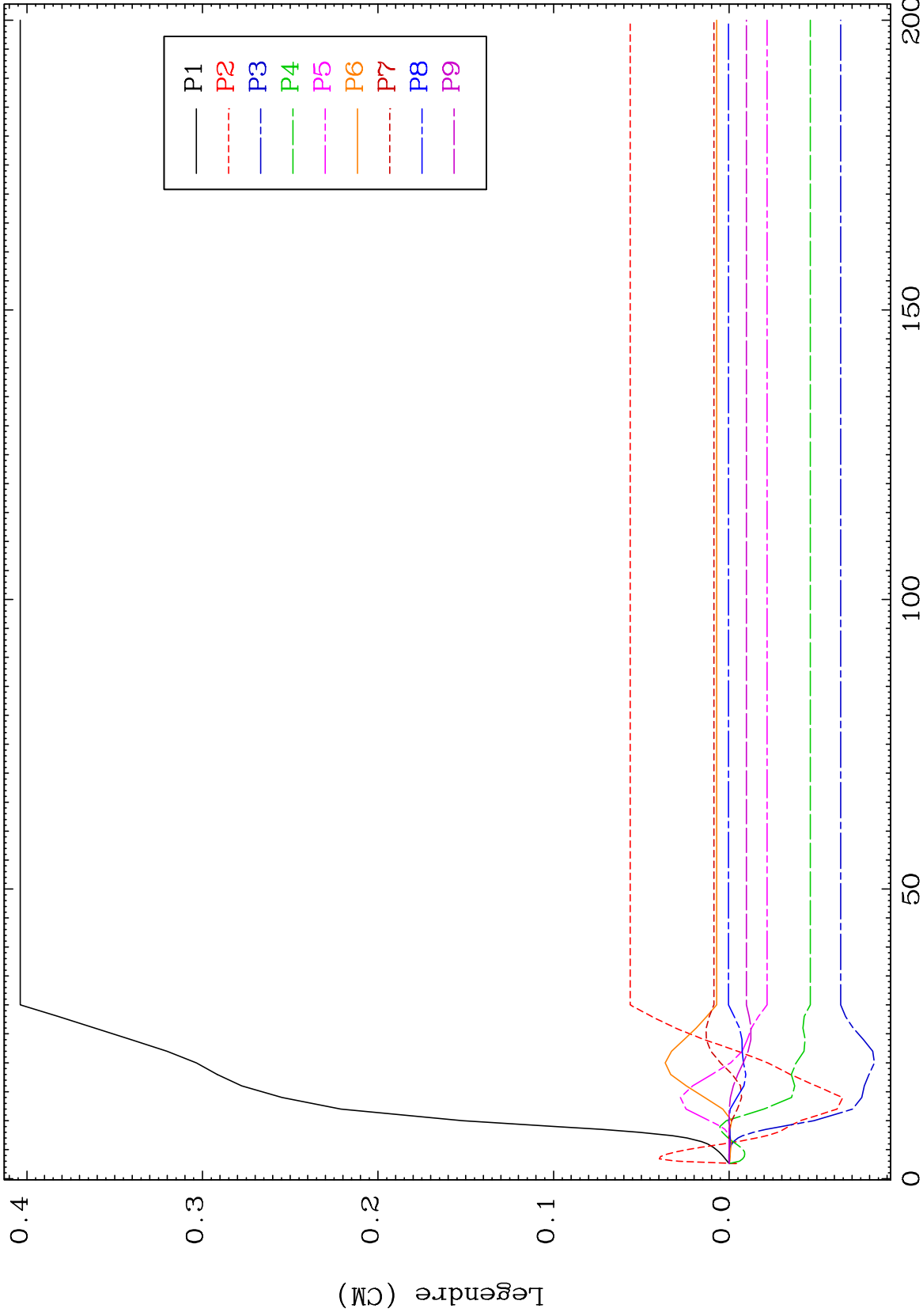


79 52-Te-132

MAT 5261

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

52-Te-132



80

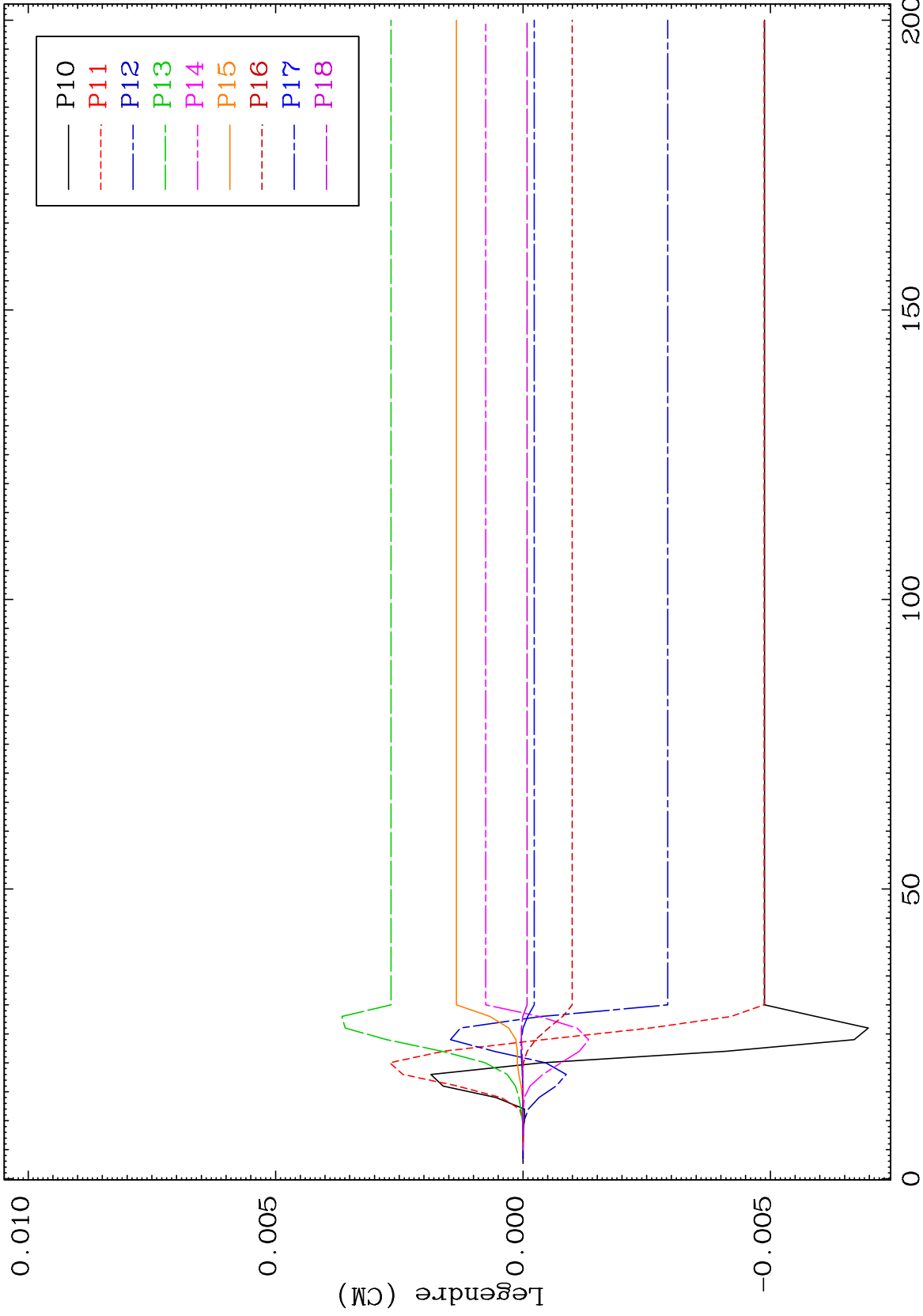
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



81

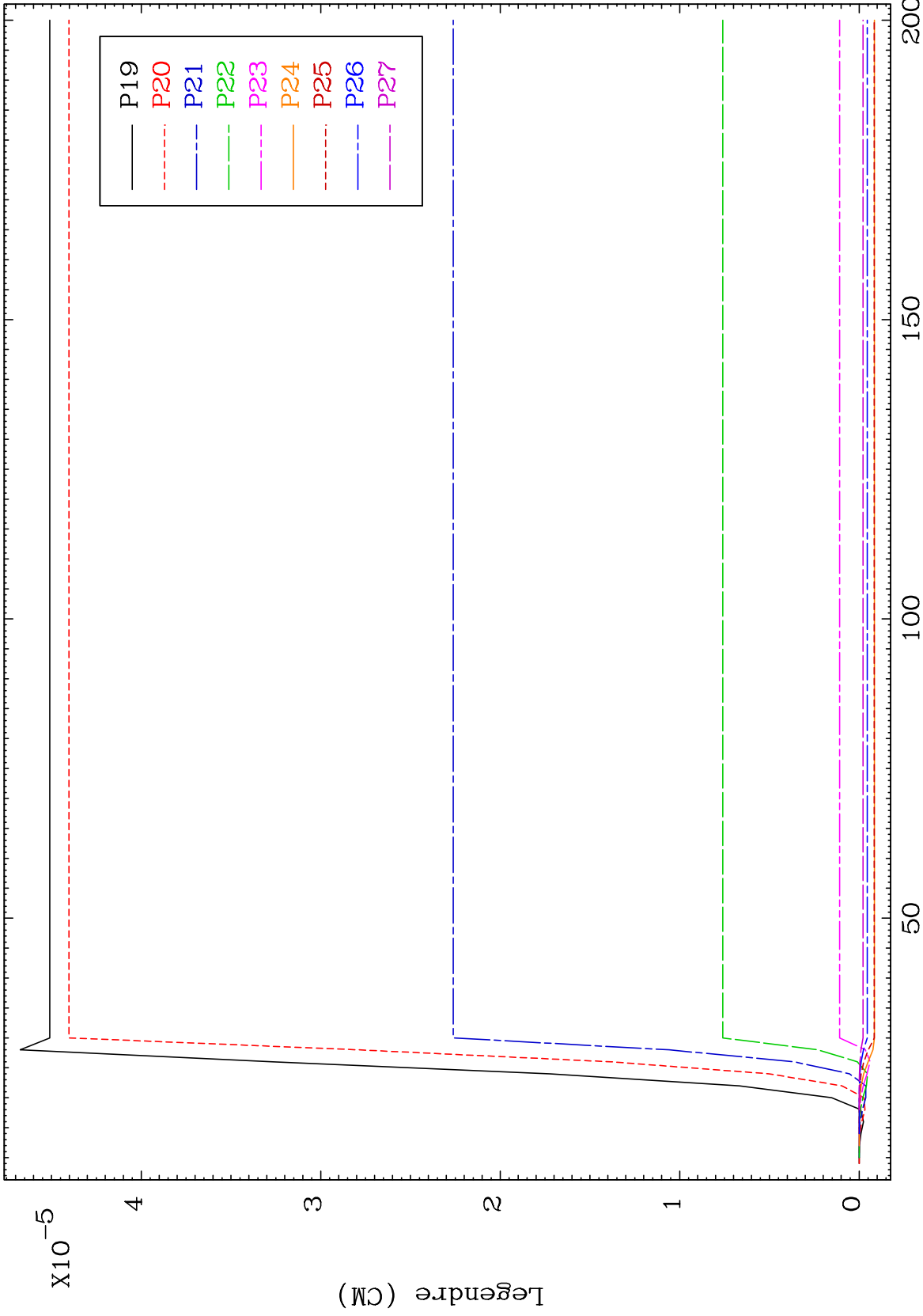
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



82

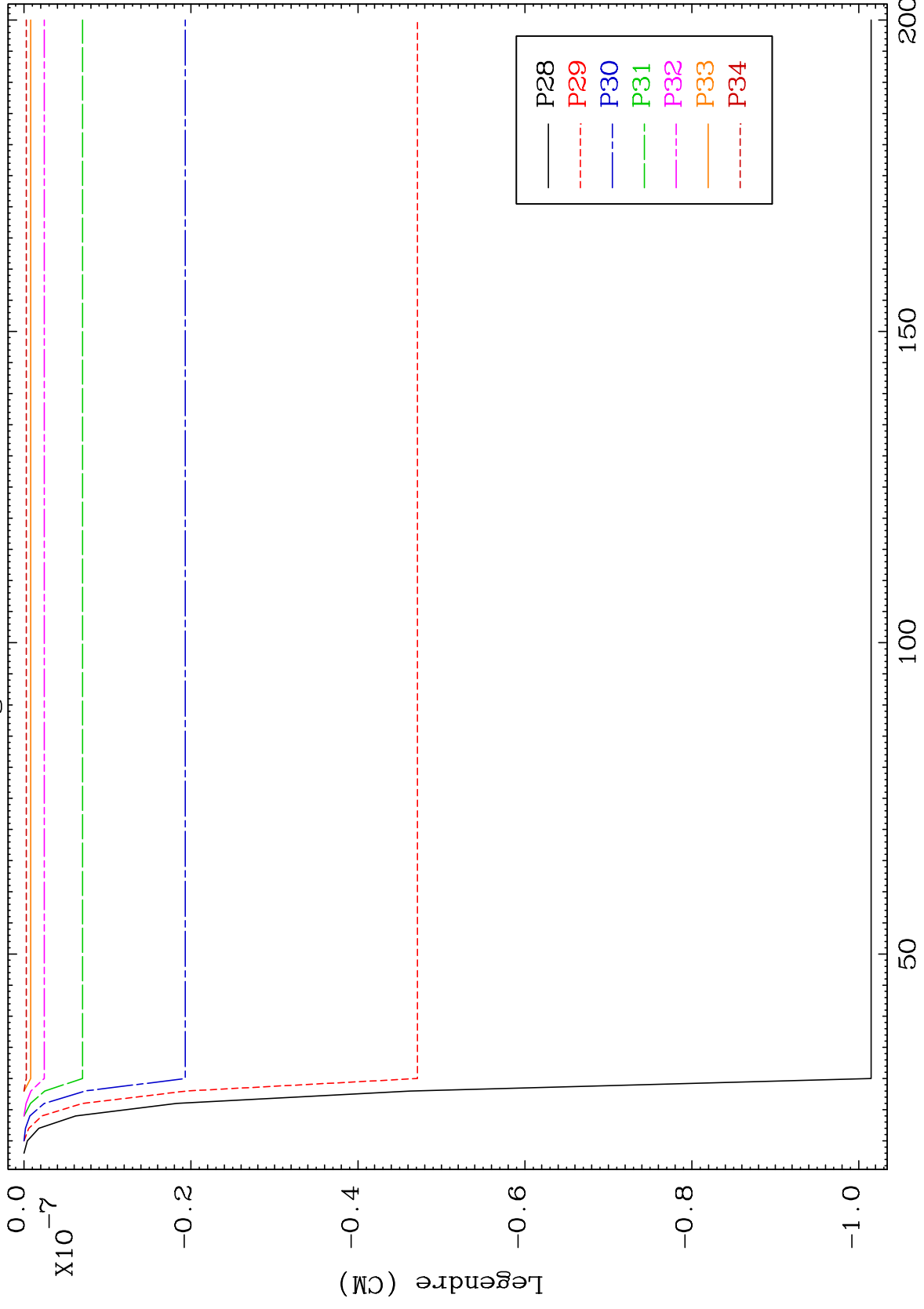
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



52-Te-132

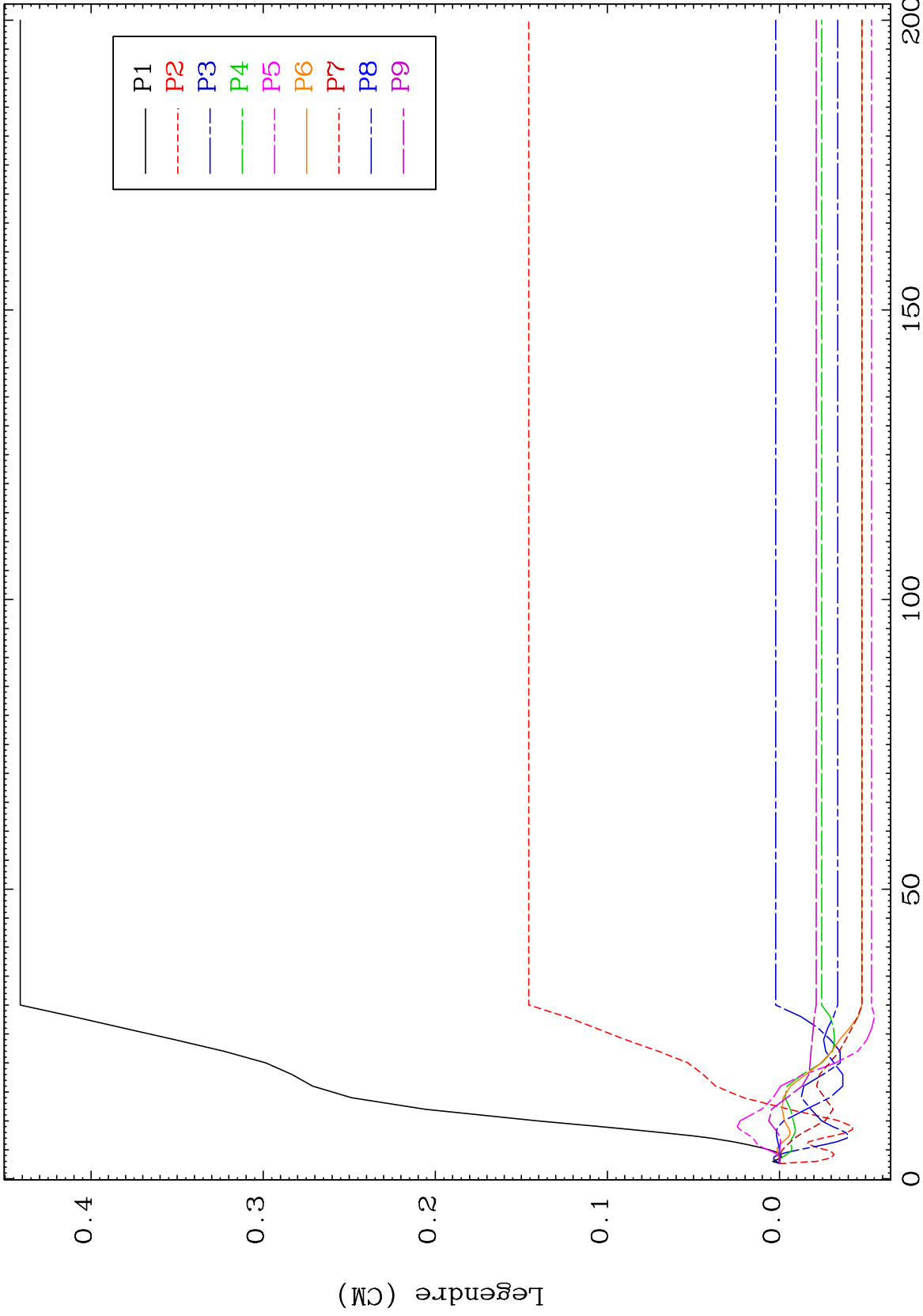
Incident Energy (MeV)

83

MAT 5261

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

52-Te-132

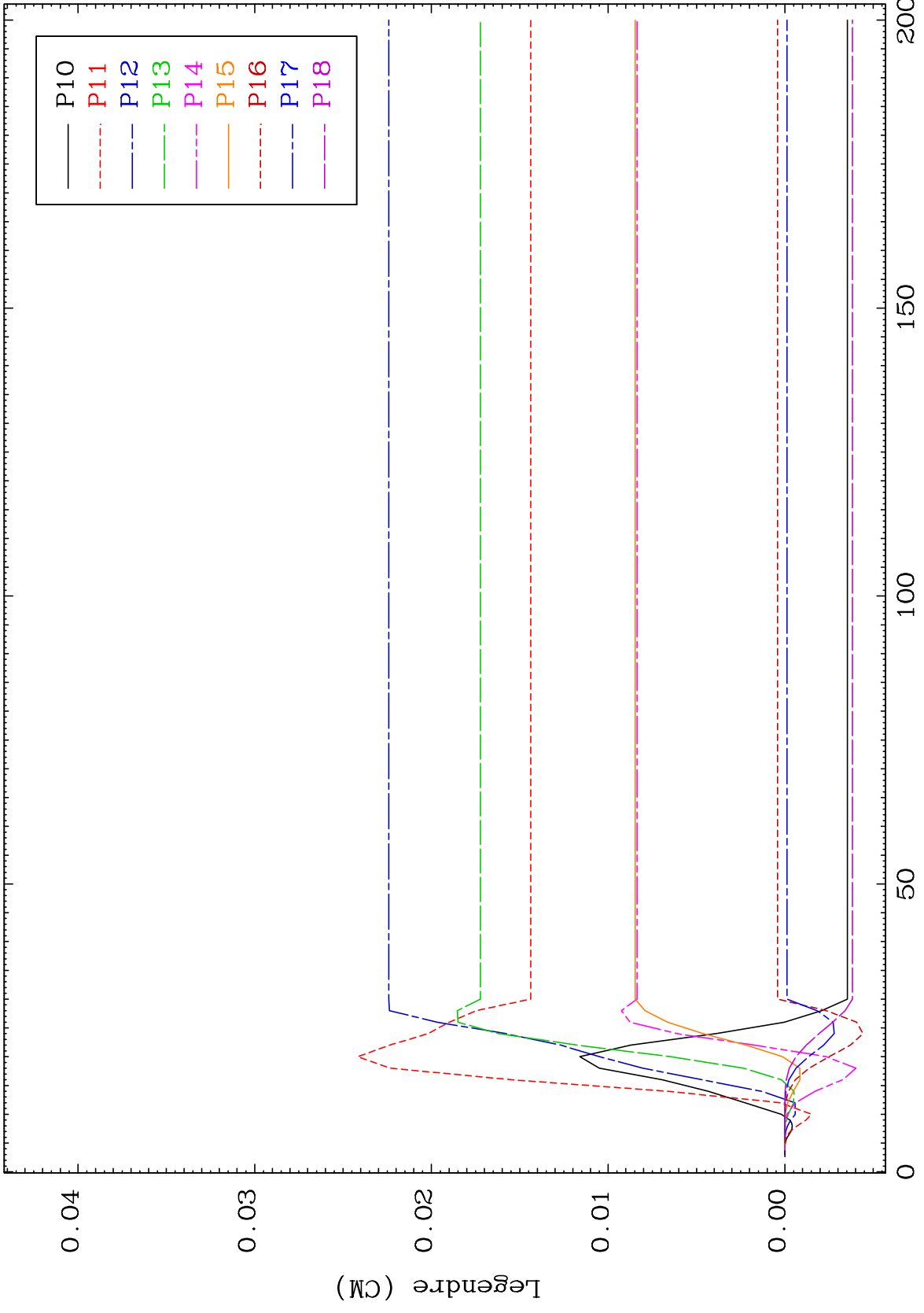


84

Incident Energy (MeV)

52-Te-132

MAT 5261 MT= 68 (n,n') Level Legendre Coefficients 52-Te-132

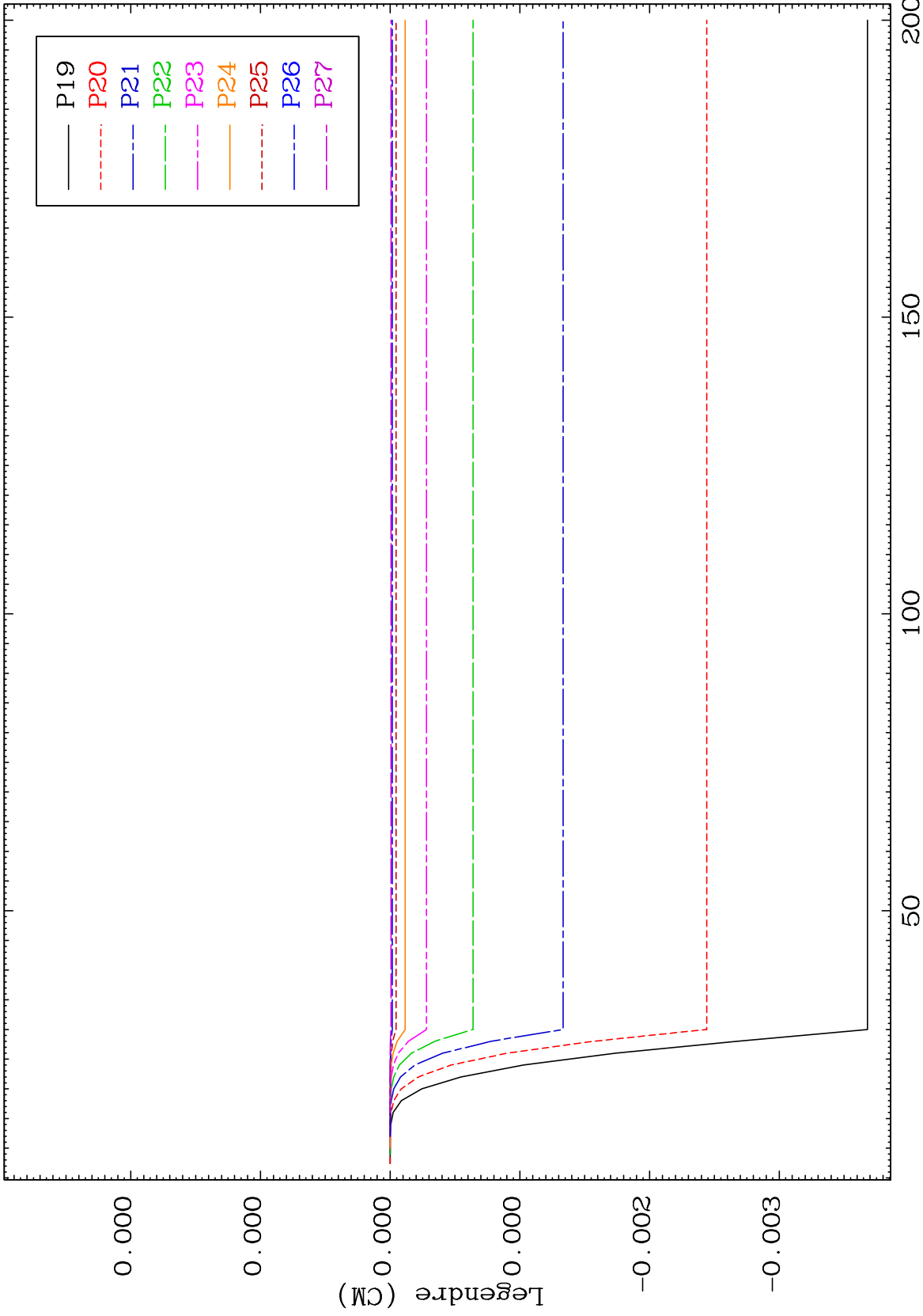


85 52-Te-132

MAT 5261

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

52-Te-132



86

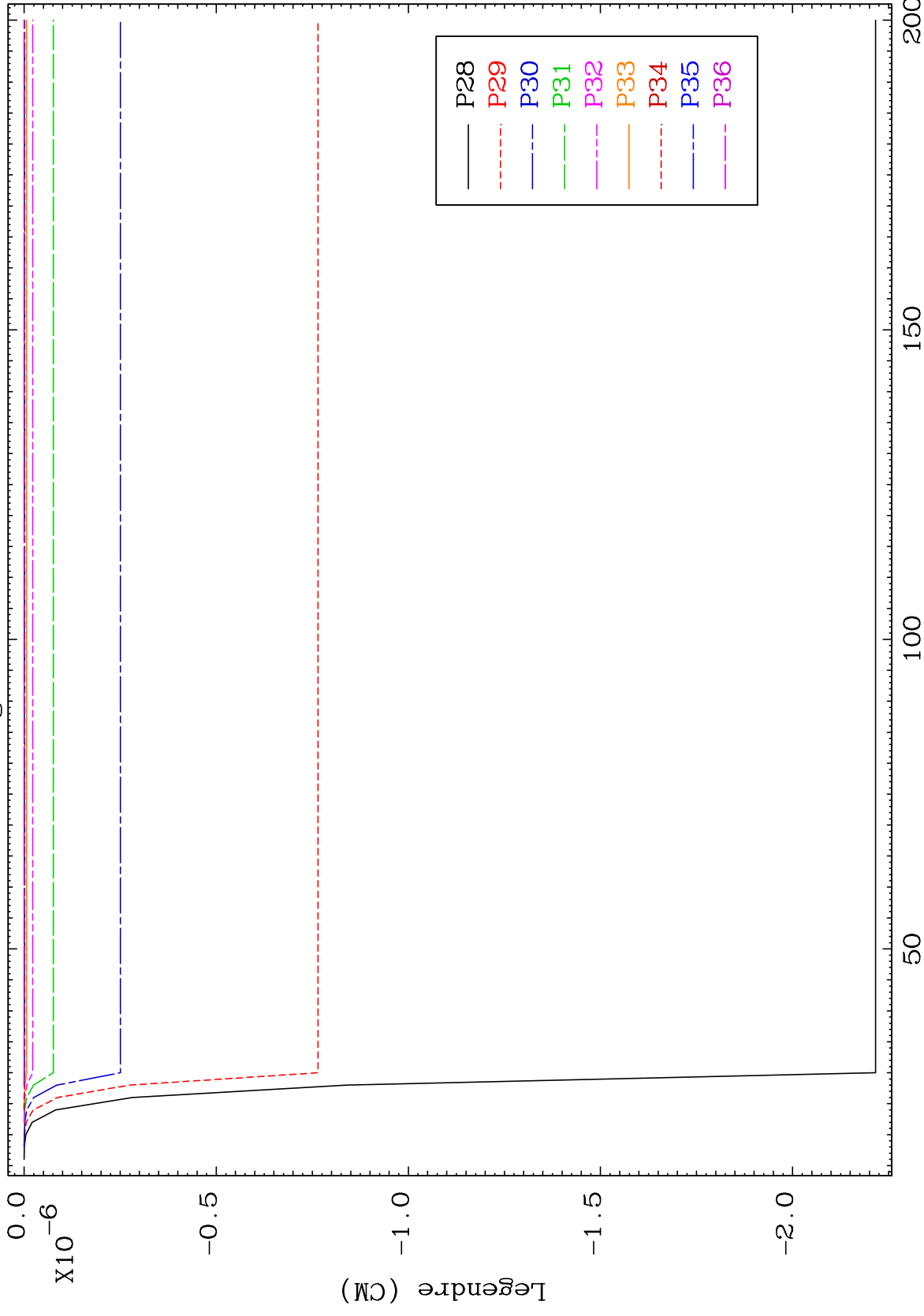
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132

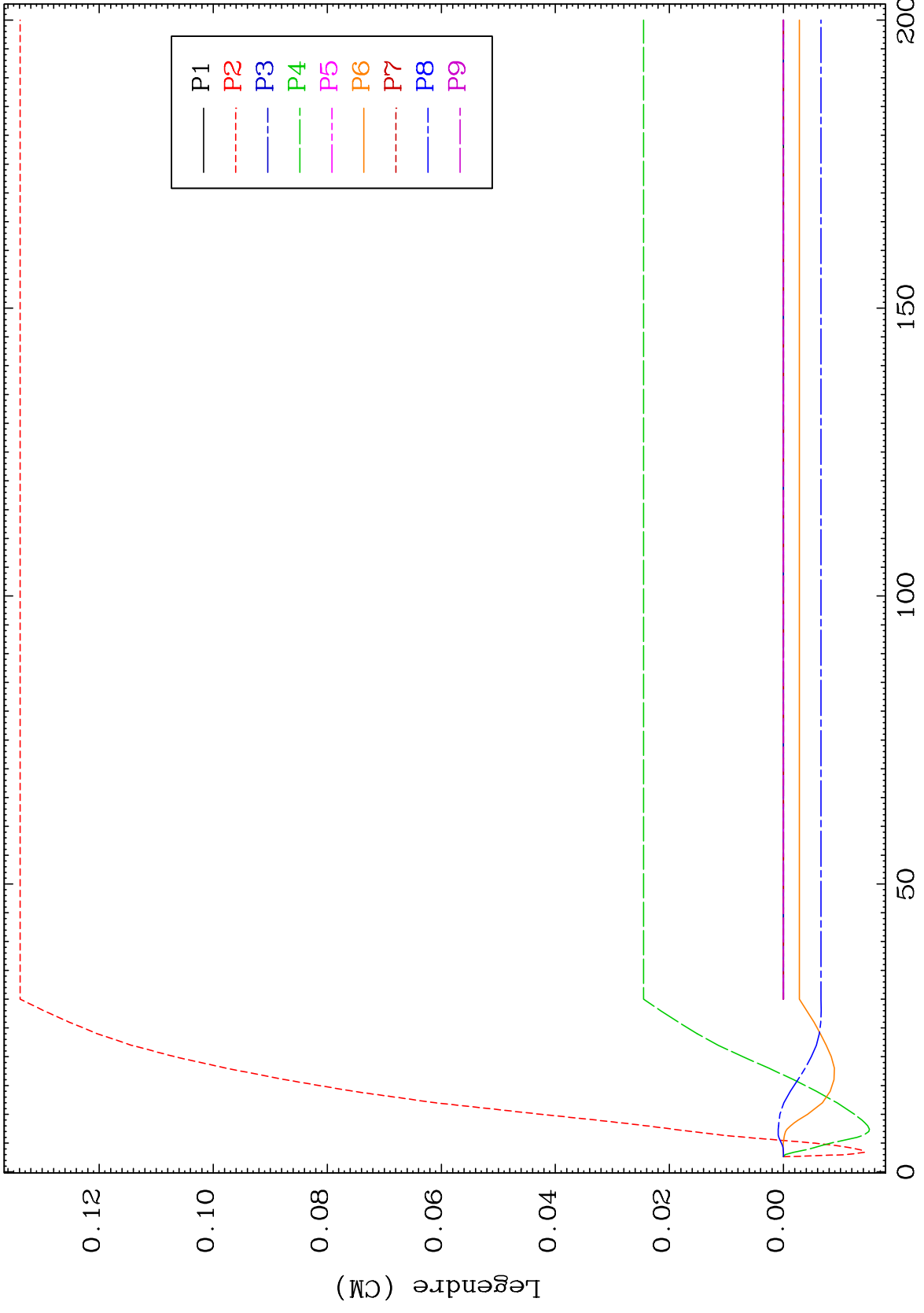


87

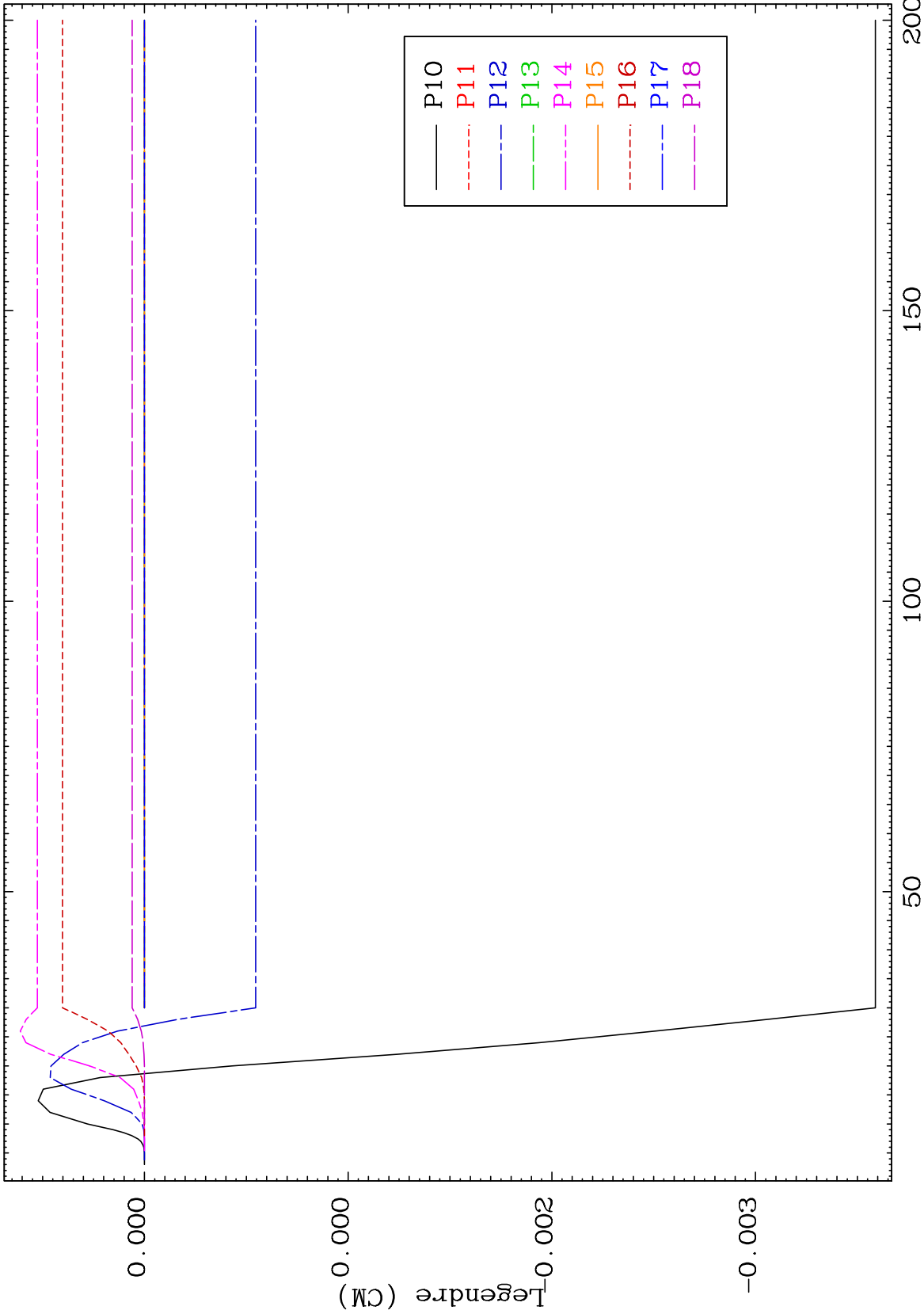
Incident Energy (MeV)

52-Te-132

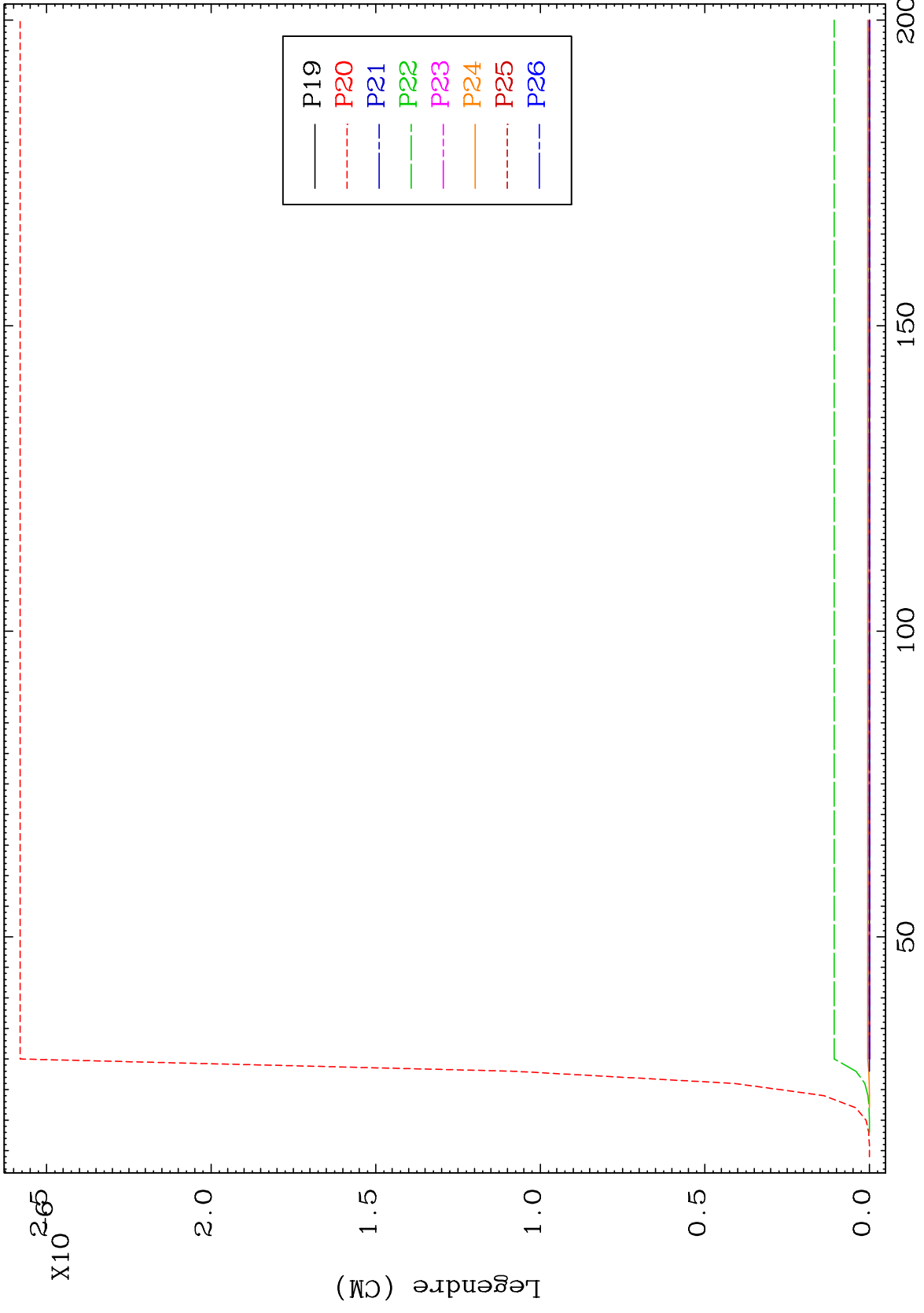
MAT 5261 MT= 69 (n,n') Level Legendre Coefficients 52-Te-132



MAT 5261 MT= 69 (n,n') Level Legendre Coefficients 52-Te-132



MAT 5261 MT= 69 (n,n') Level Legendre Coefficients 52-Te-132

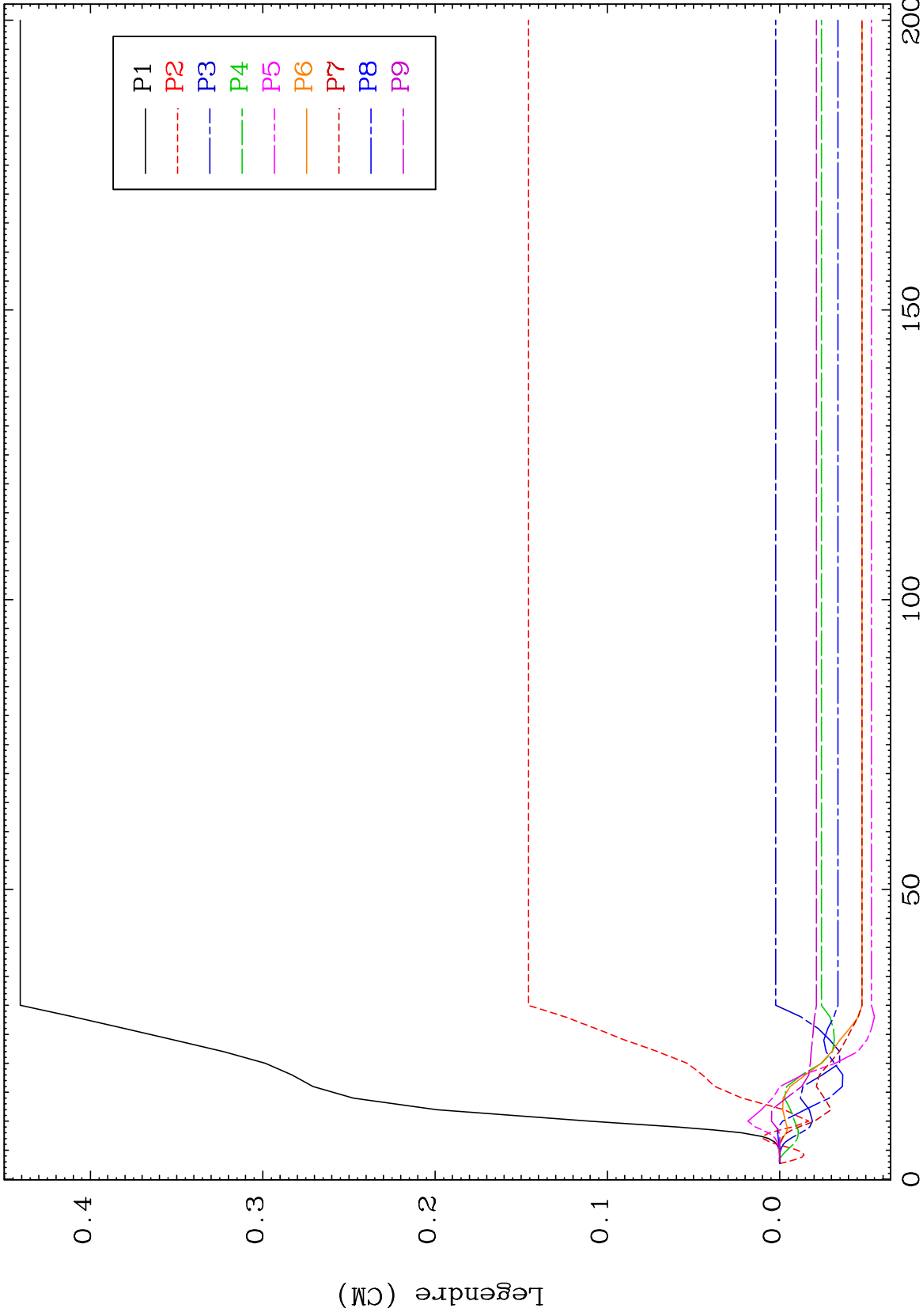


52-Te-132

MAT 5261

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

52-Te-132



91

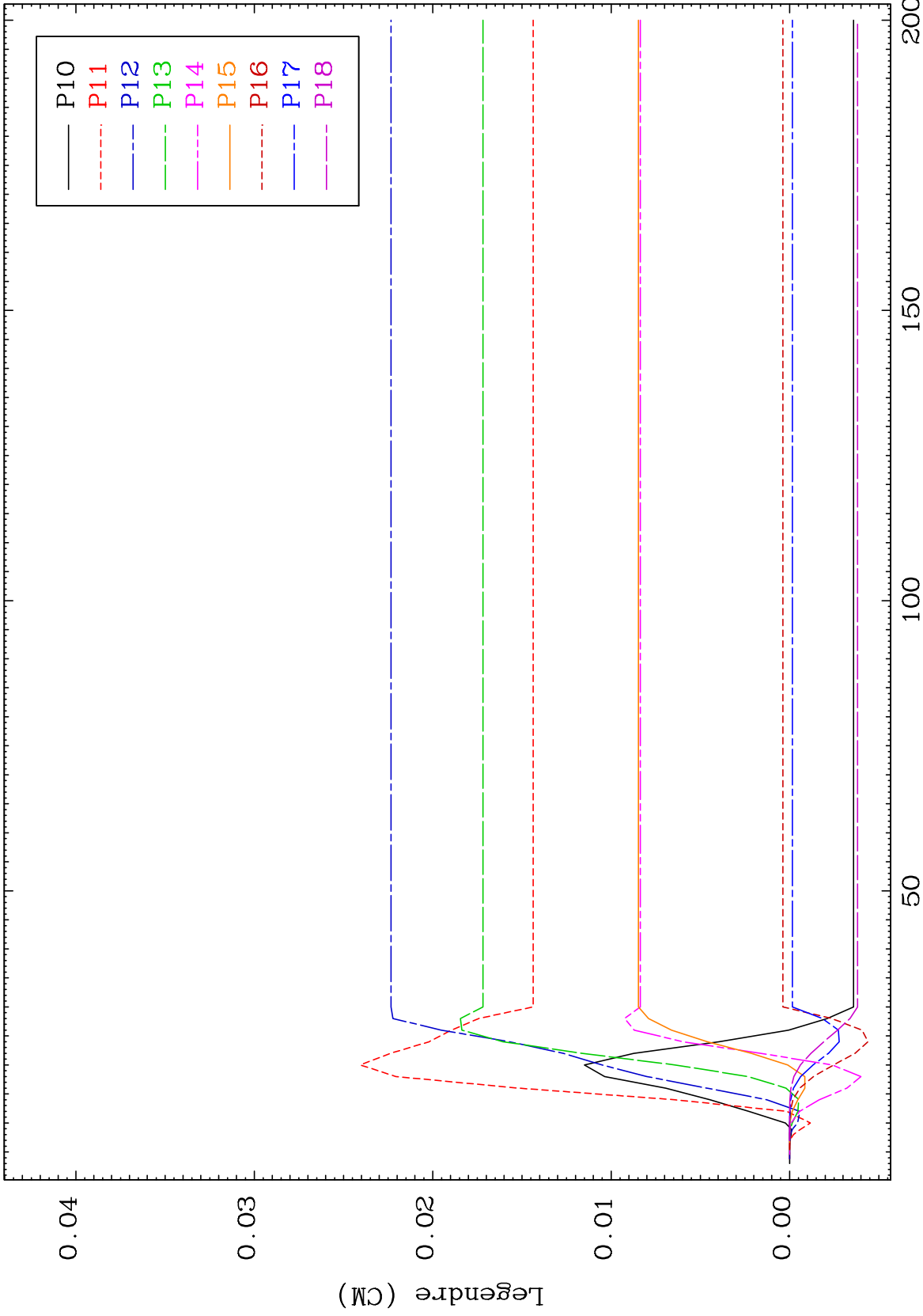
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



92

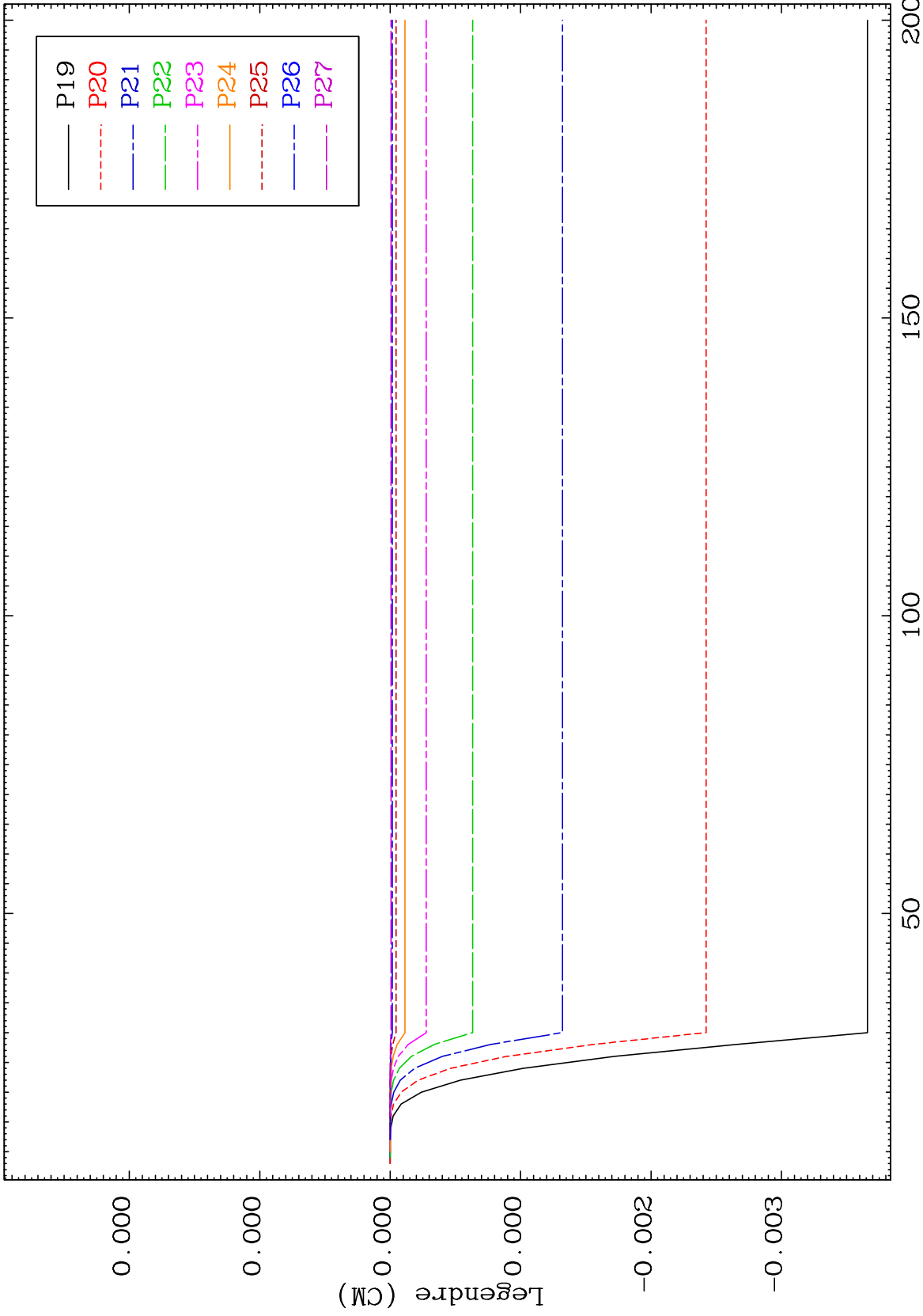
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



93

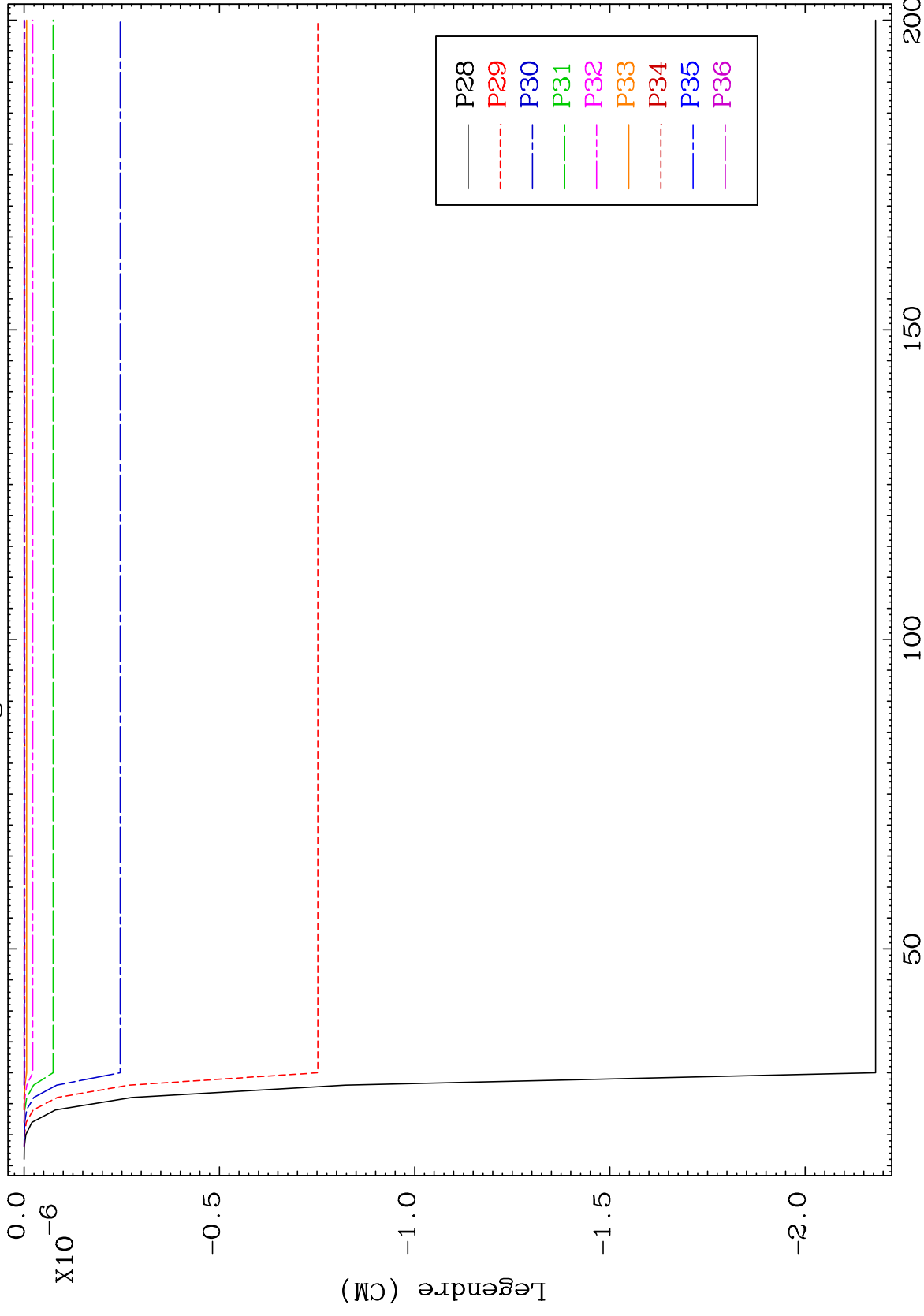
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



52-Te-132

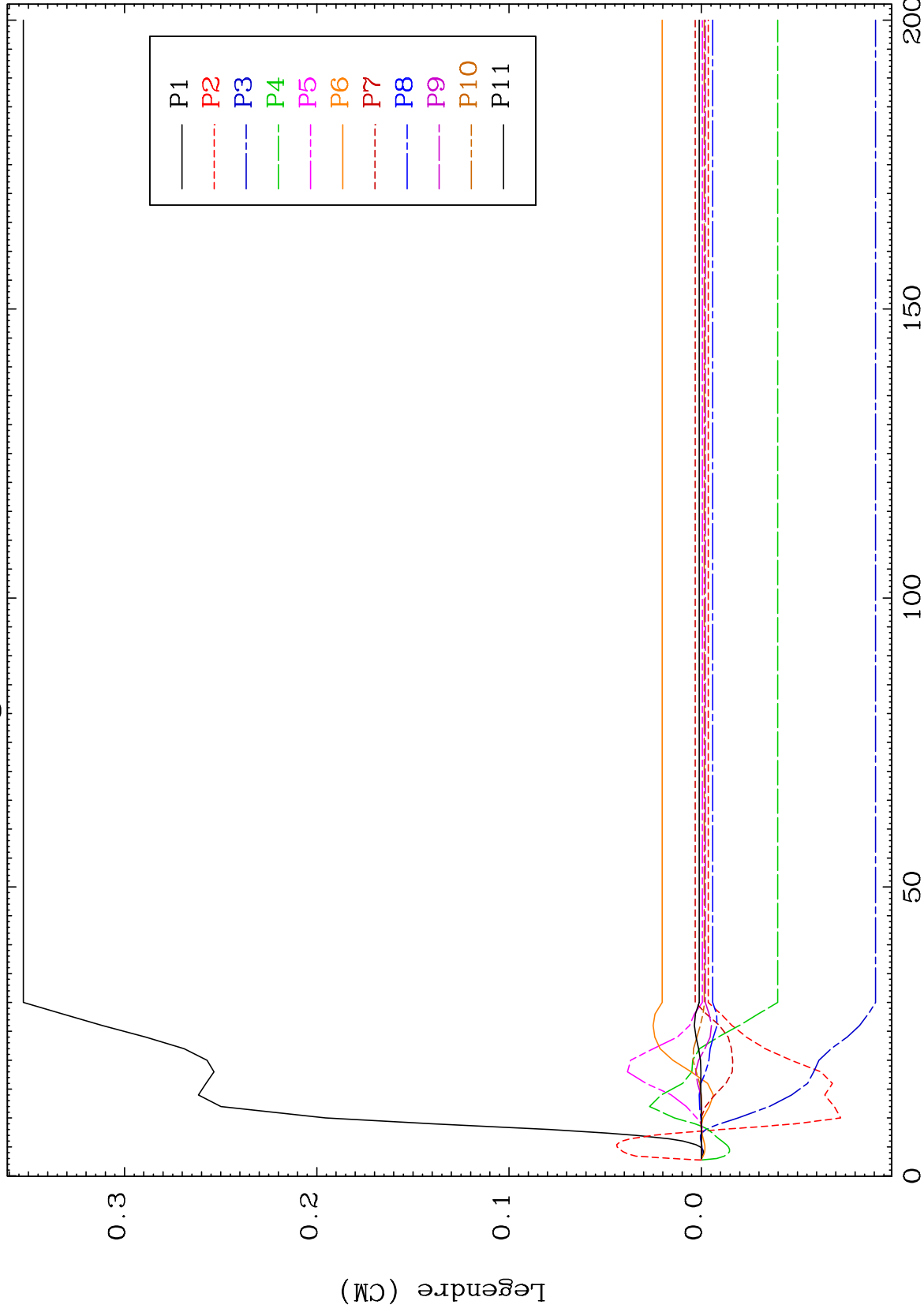
Incident Energy (MeV)

94

MAT 5261

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

52-Te-132



95

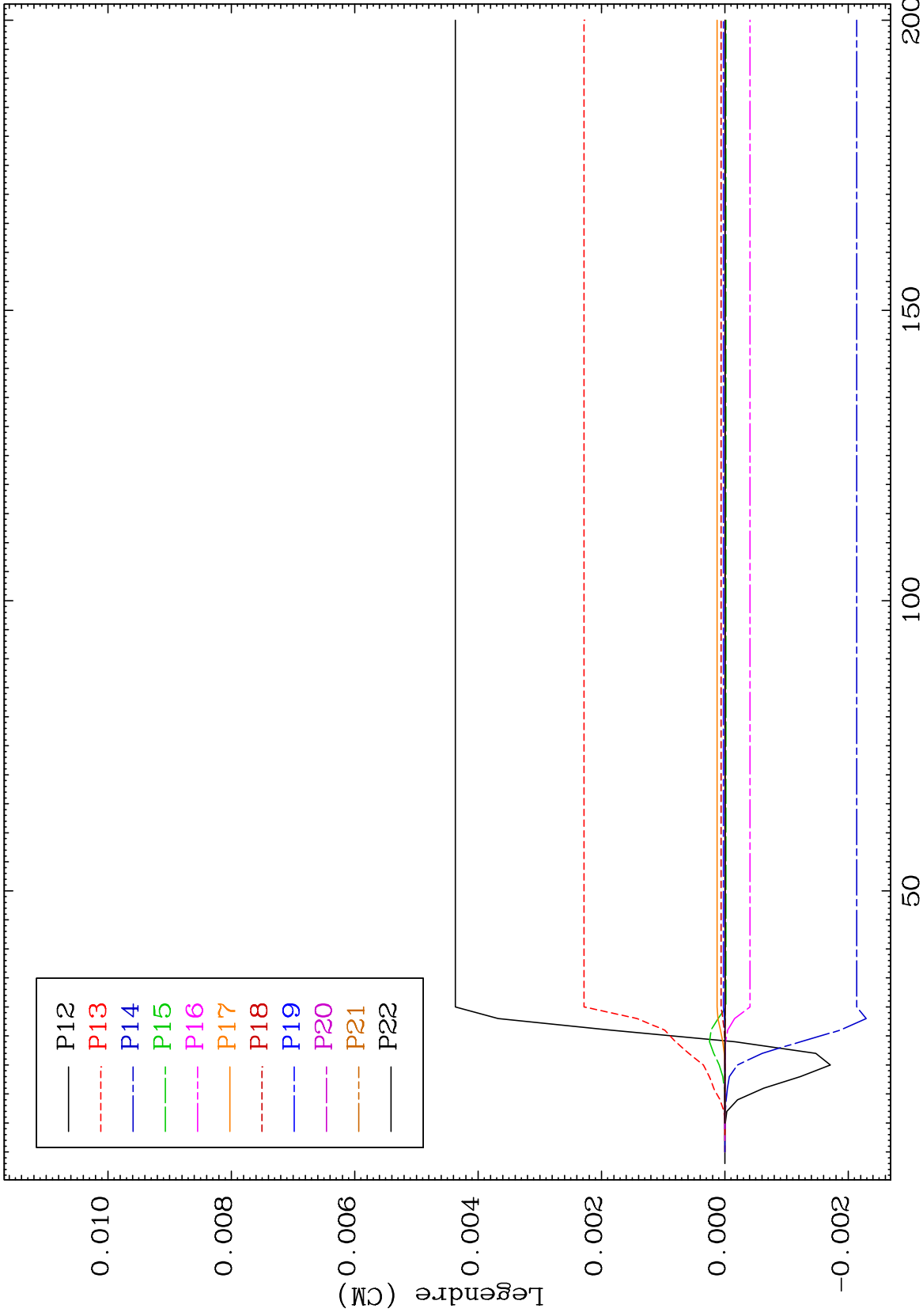
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132

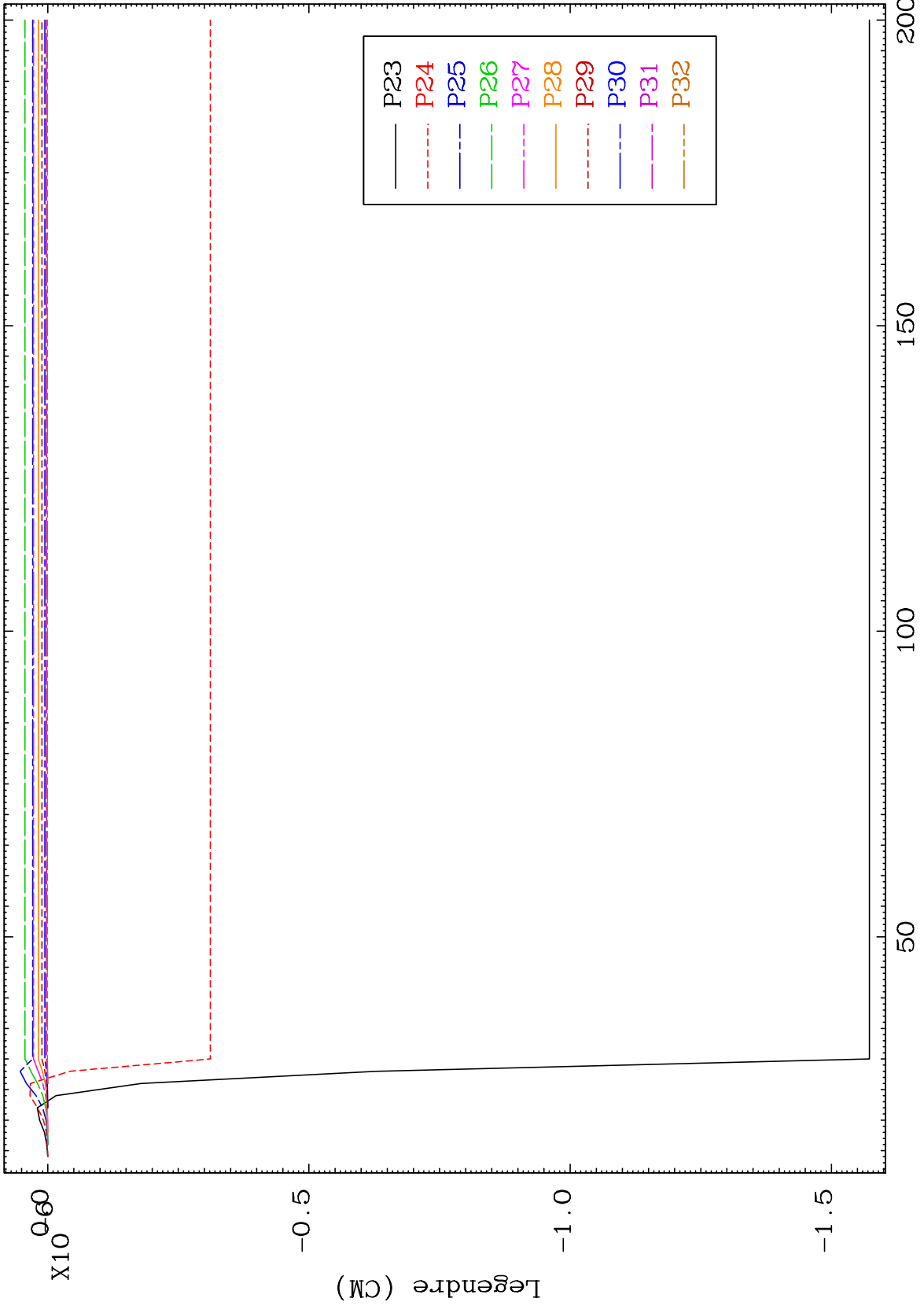


96

Incident Energy (MeV)

52-Te-132

MAT 5261 MT= 71 (n,n') Level Legendre Coefficients 52-Te-132

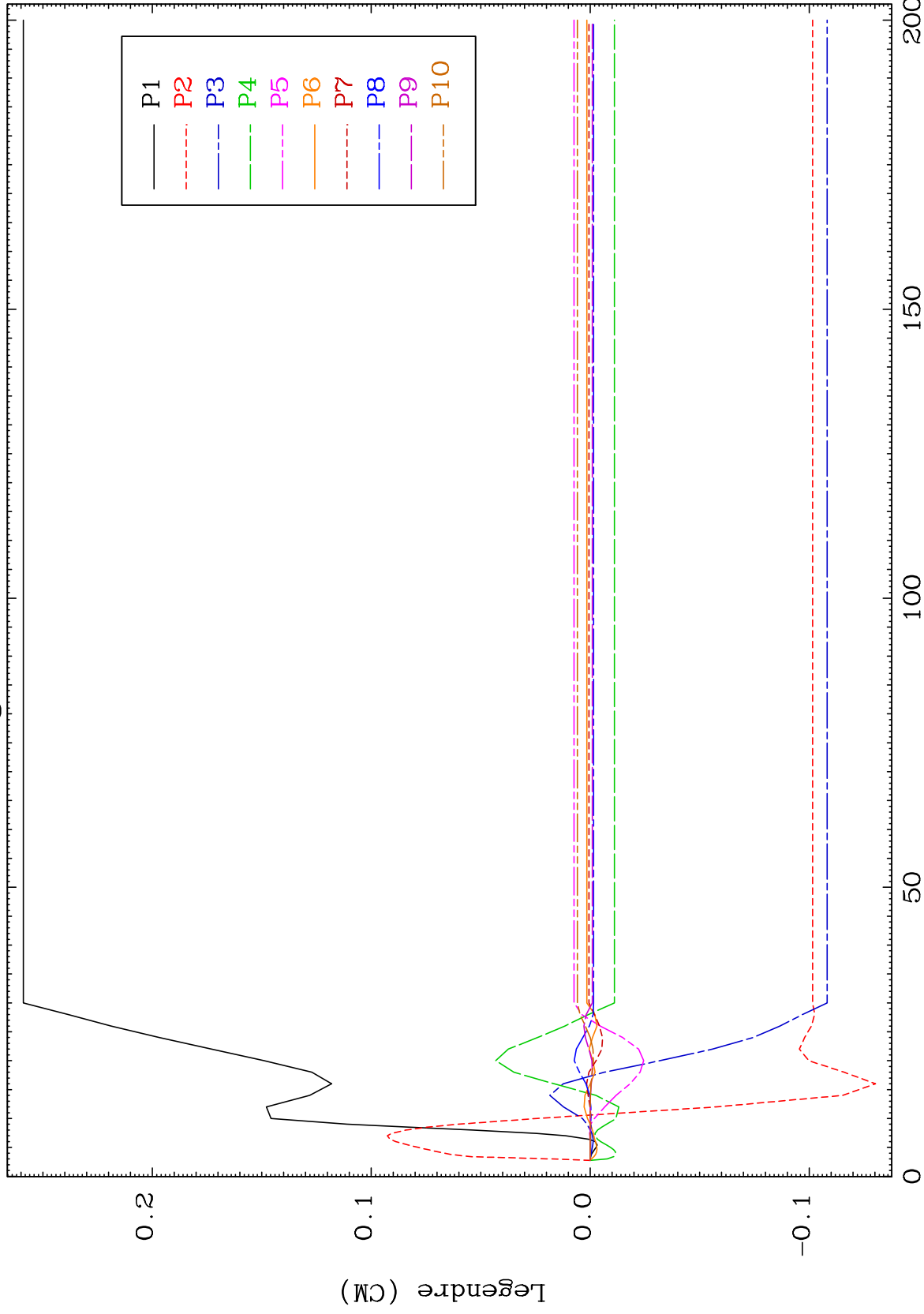


97 52-Te-132

MAT 5261

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

52-Te-132



98

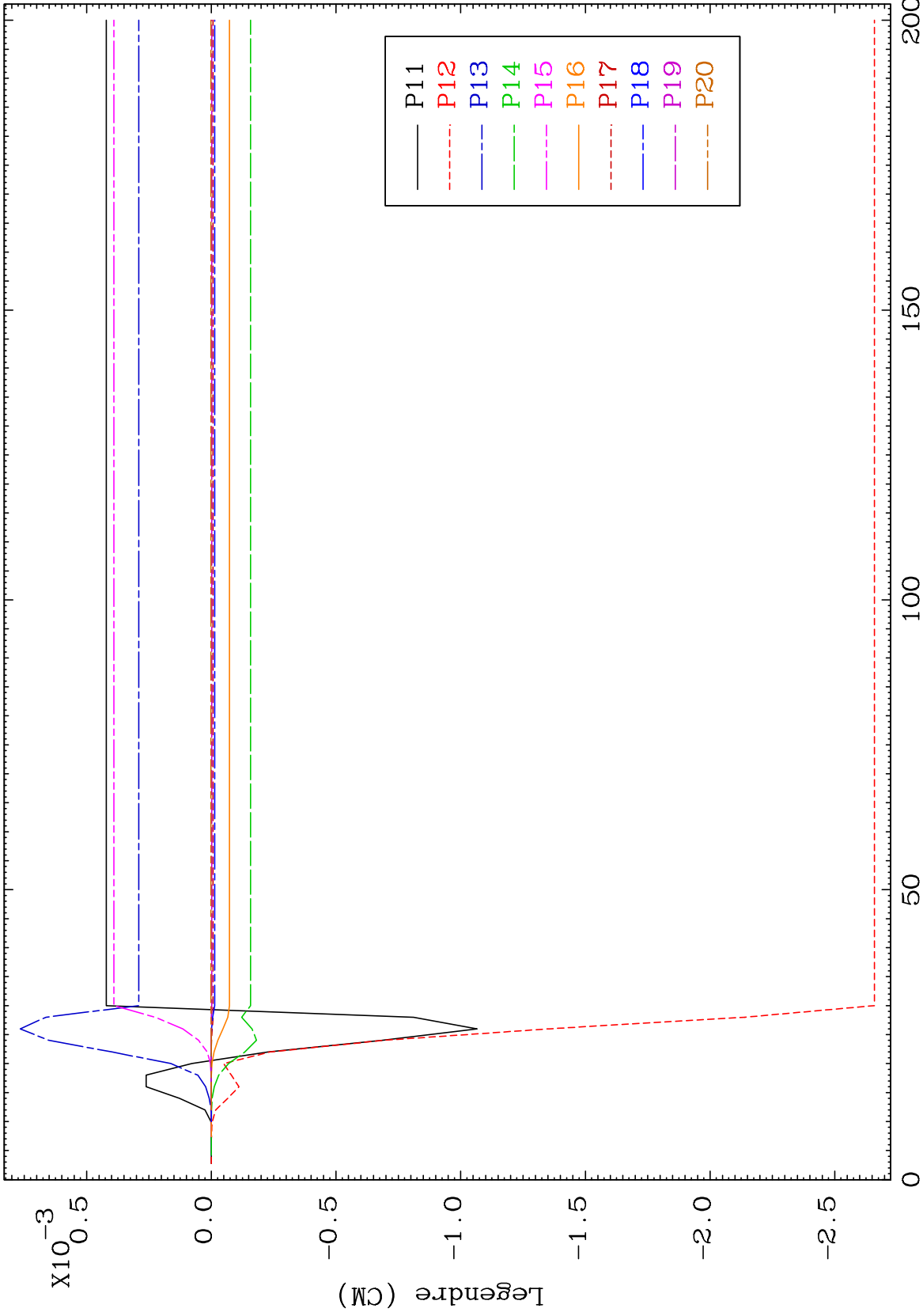
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



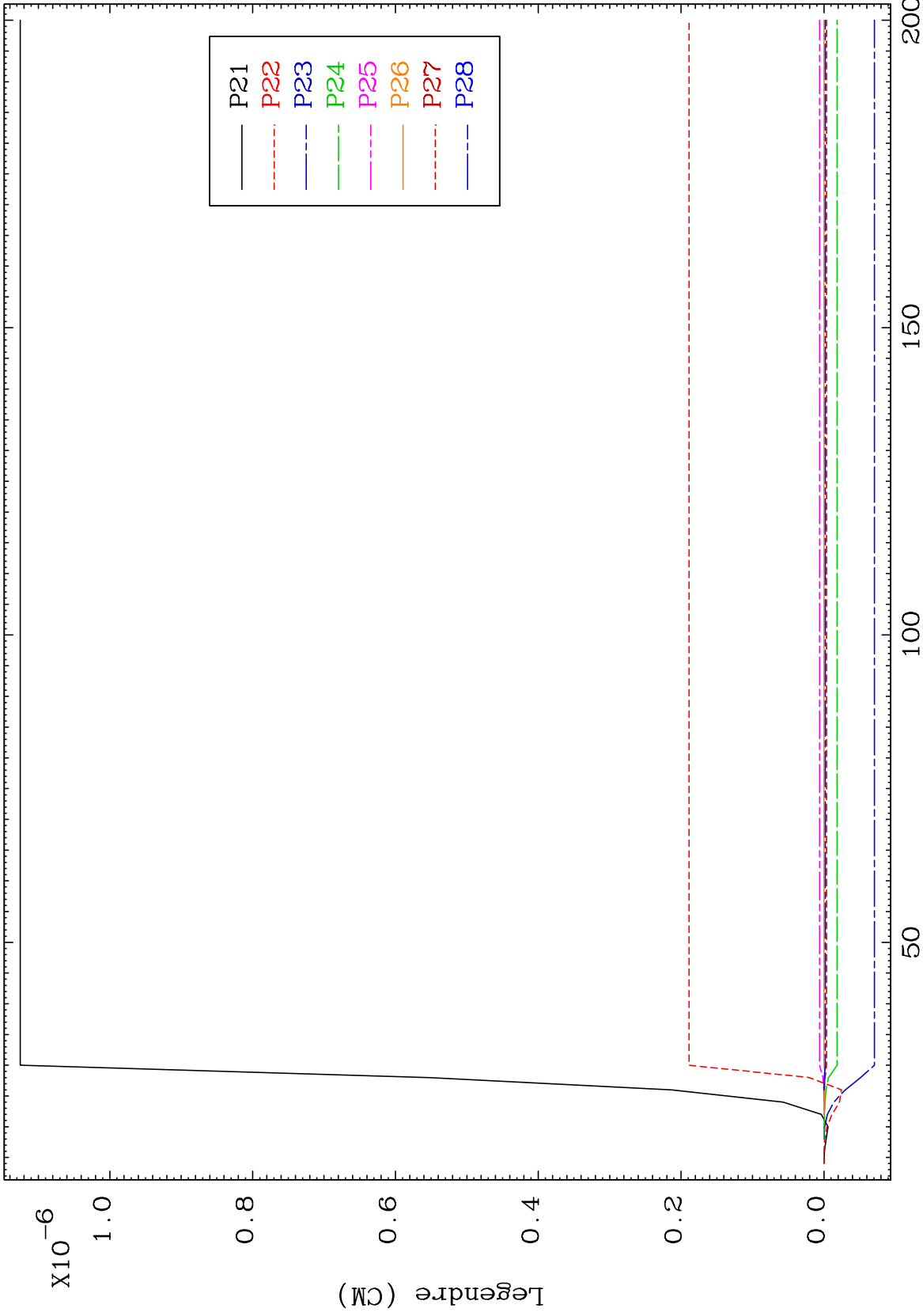
99

52-Te-132

MAT 5261

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

52-Te-132



100

50

100

150

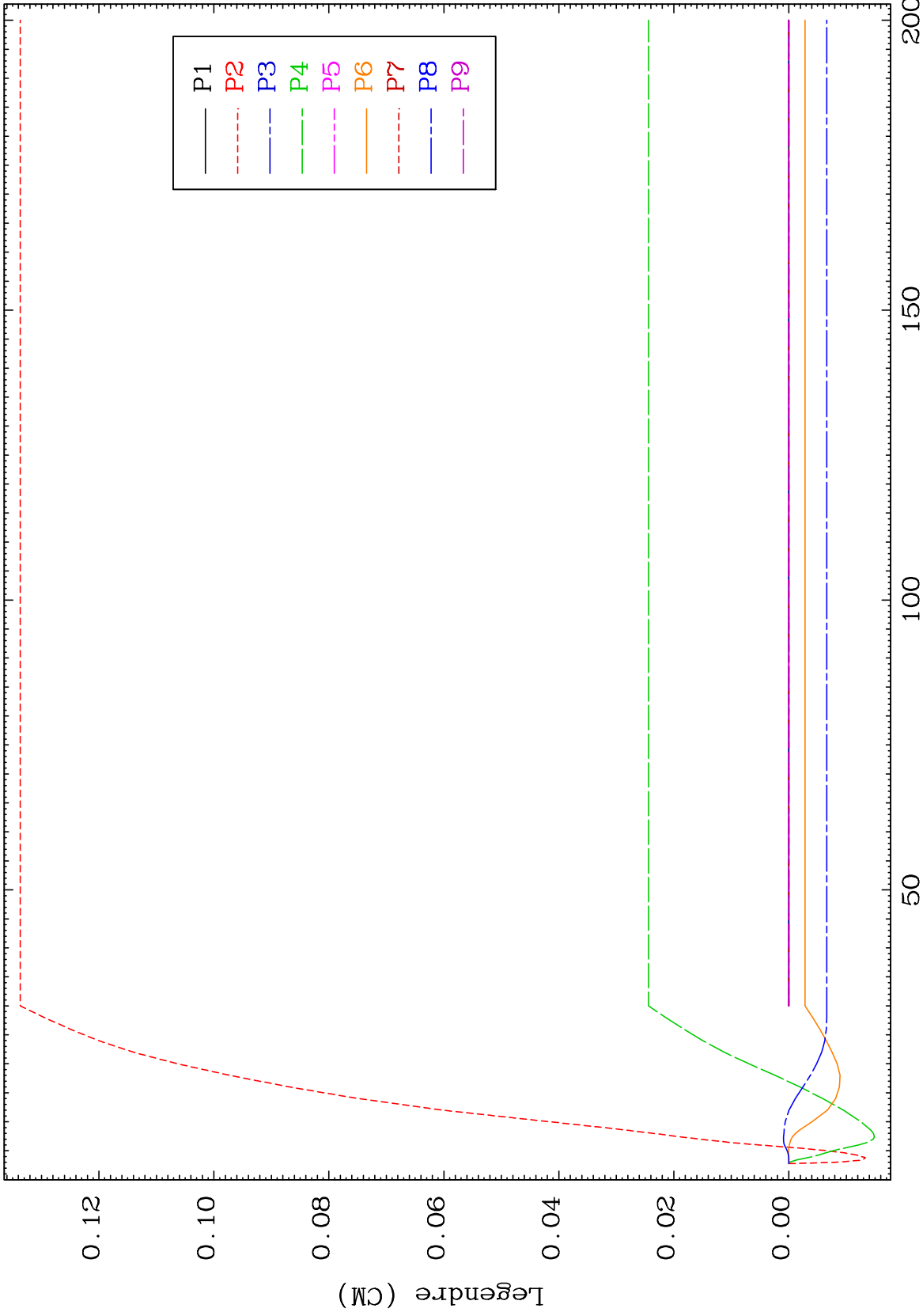
200

52-Te-132

MAT 5261

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

52-Te-132



101

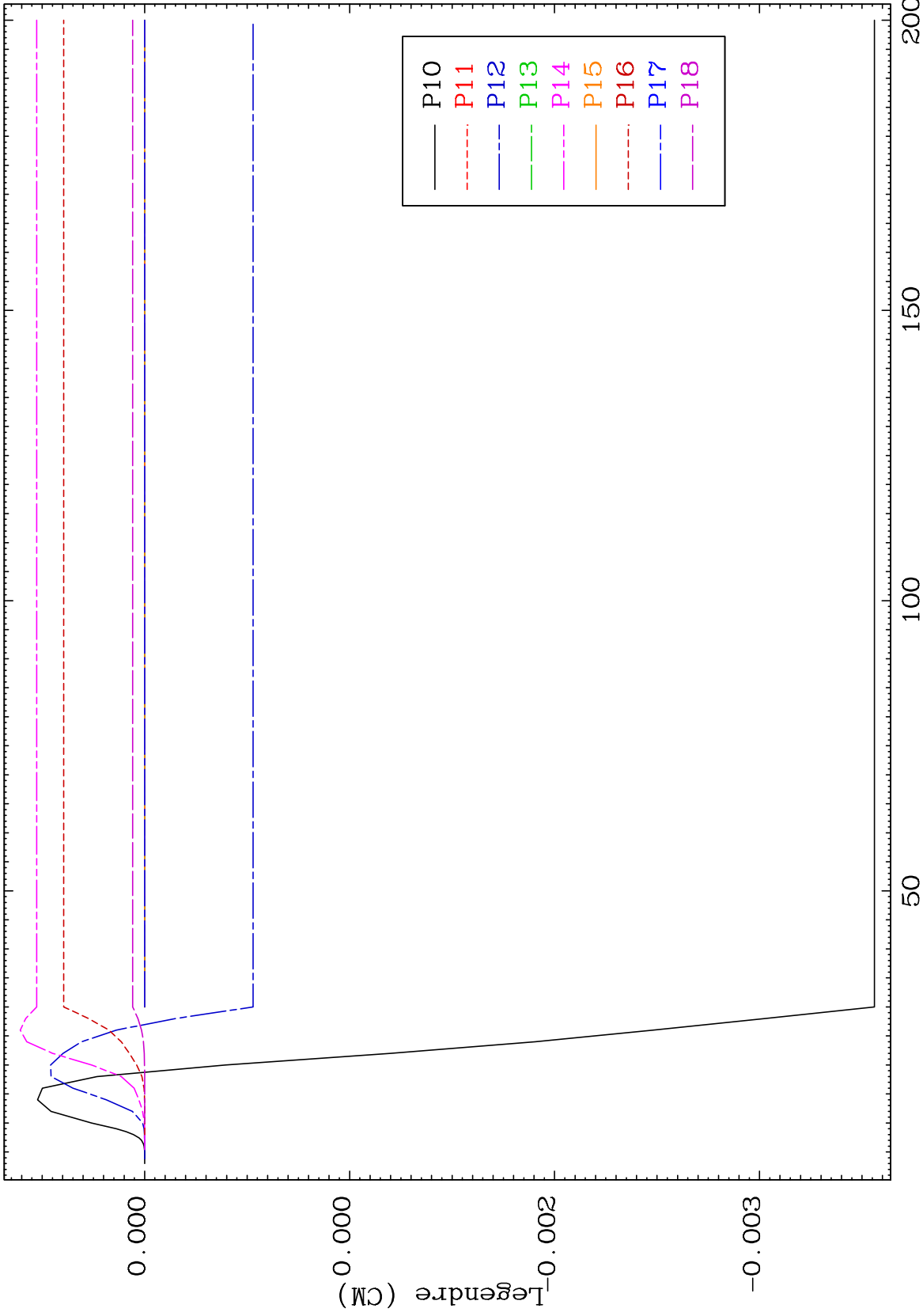
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132

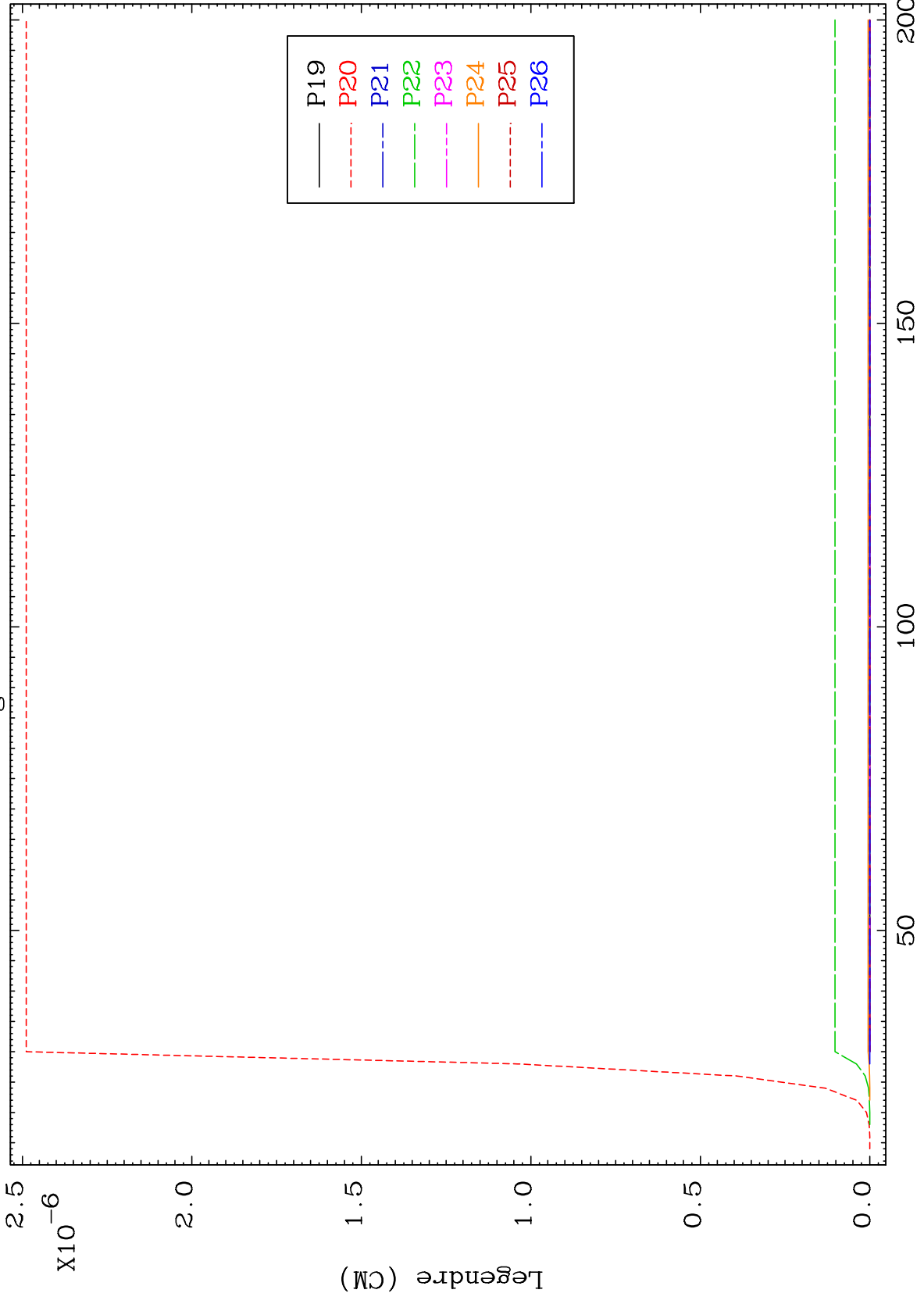


102

Incident Energy (MeV)

52-Te-132

MAT 5261 MT= 73 (n,n') Level Legendre Coefficients 52-Te-132

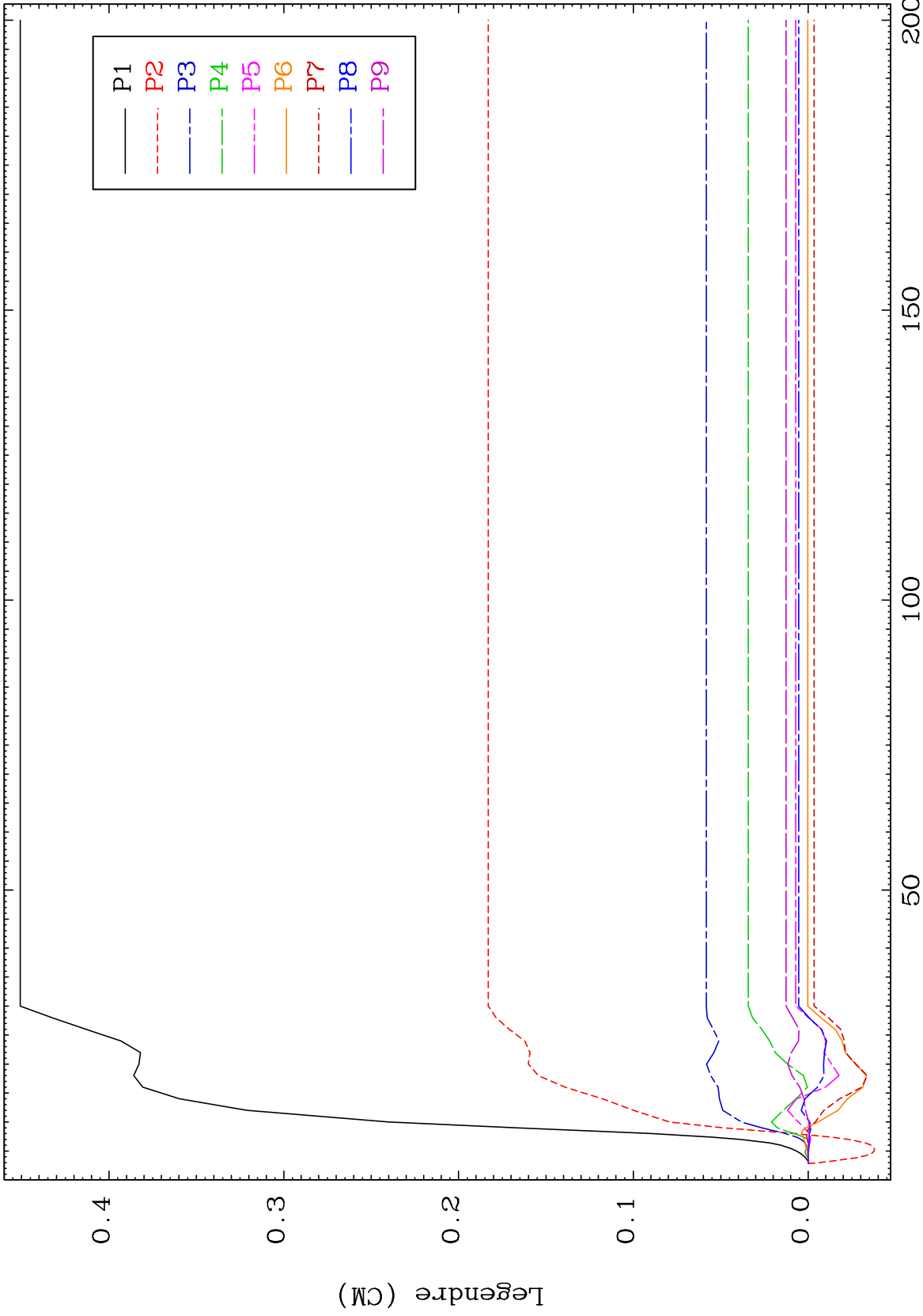


103 Incident Energy (MeV) 52-Te-132

MAT 5261

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

52-Te-132



104

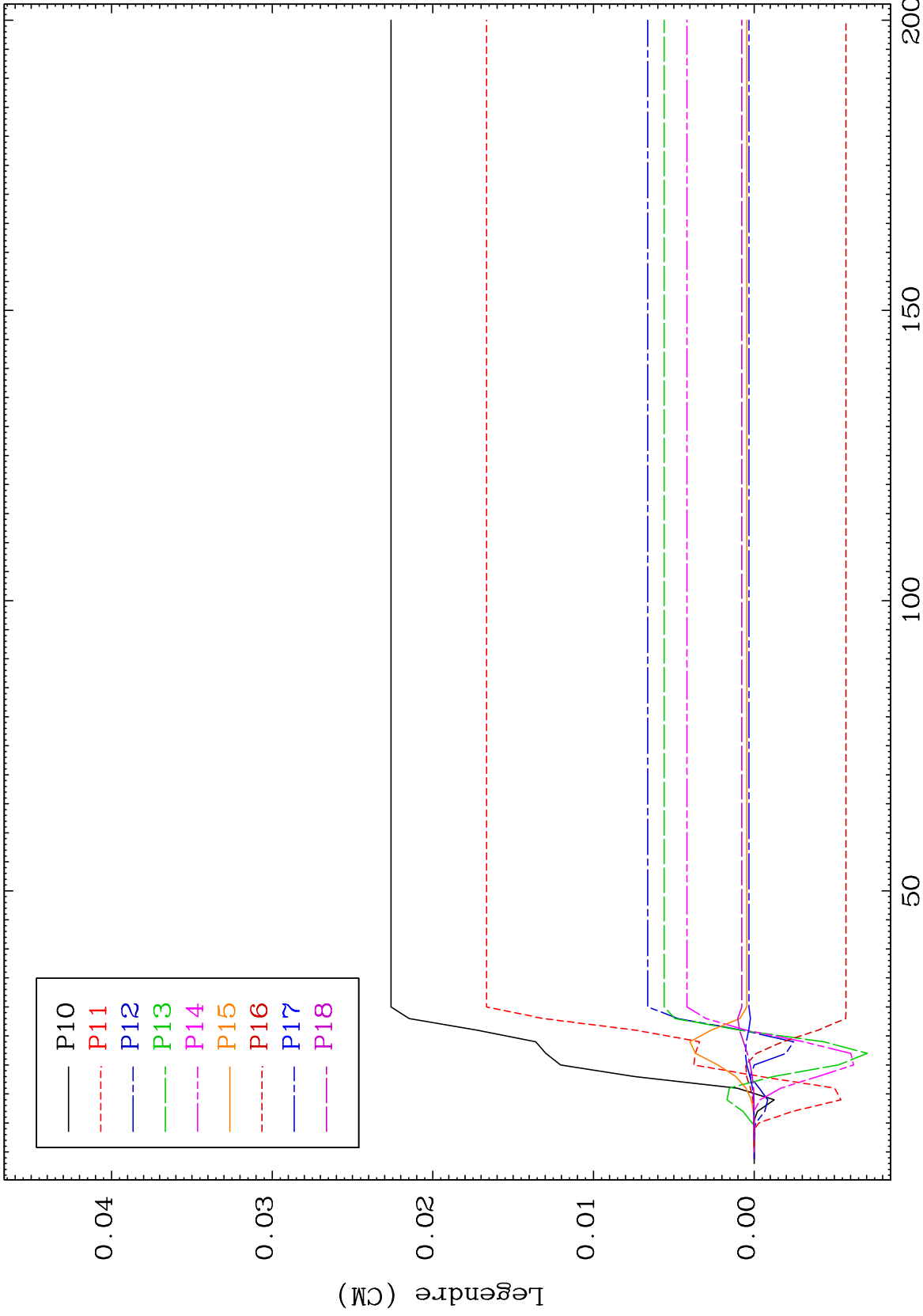
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



105

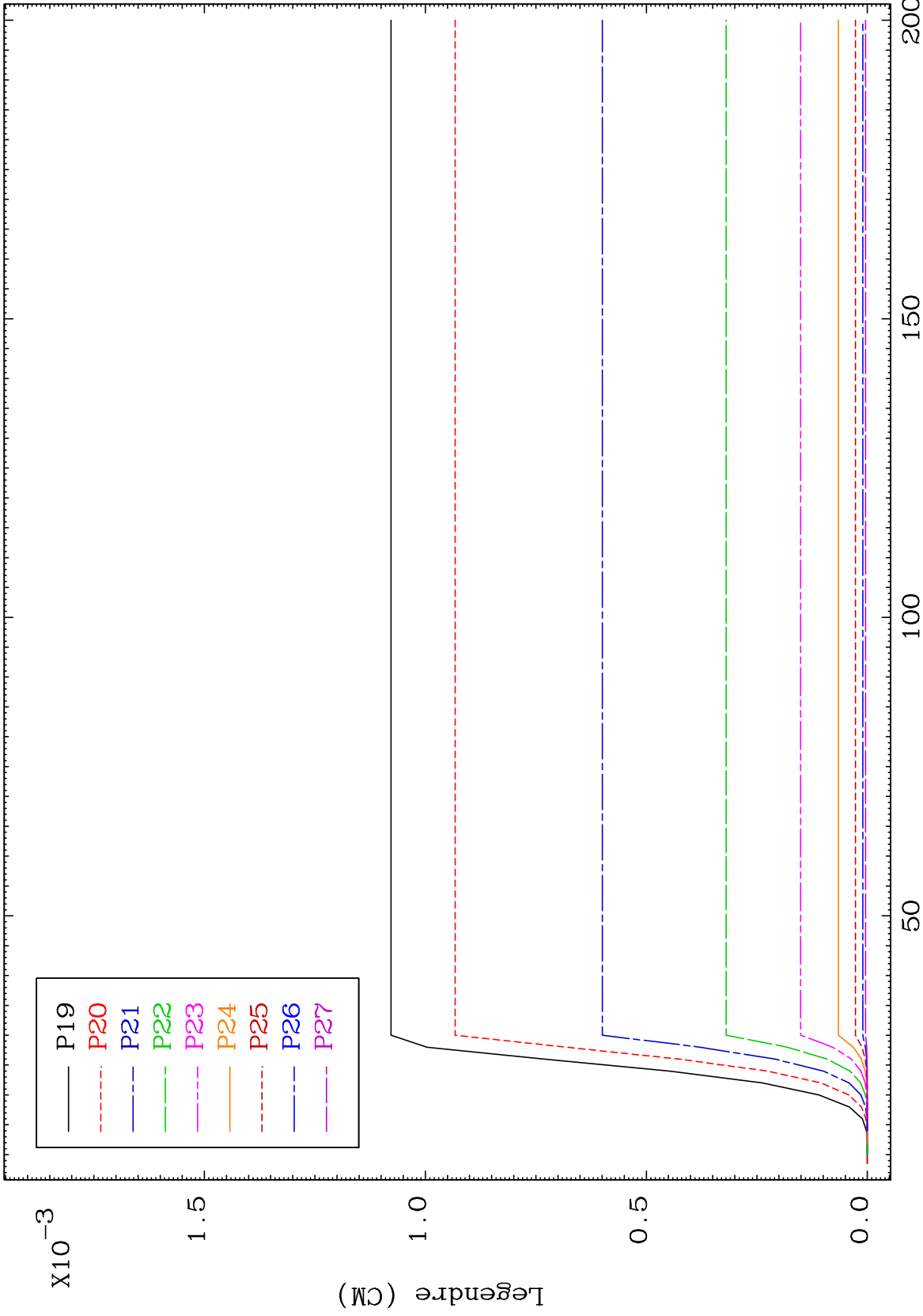
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



106

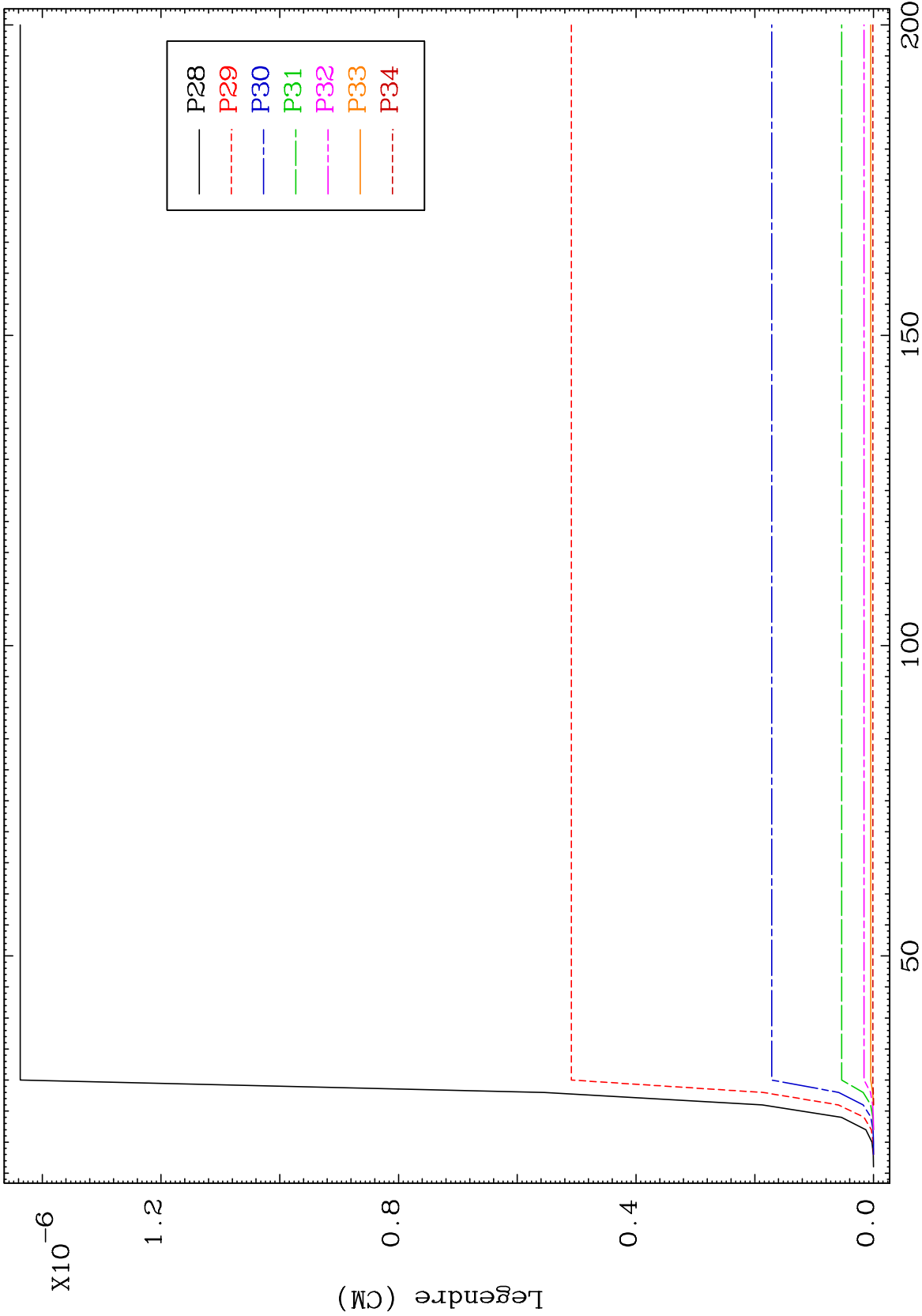
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



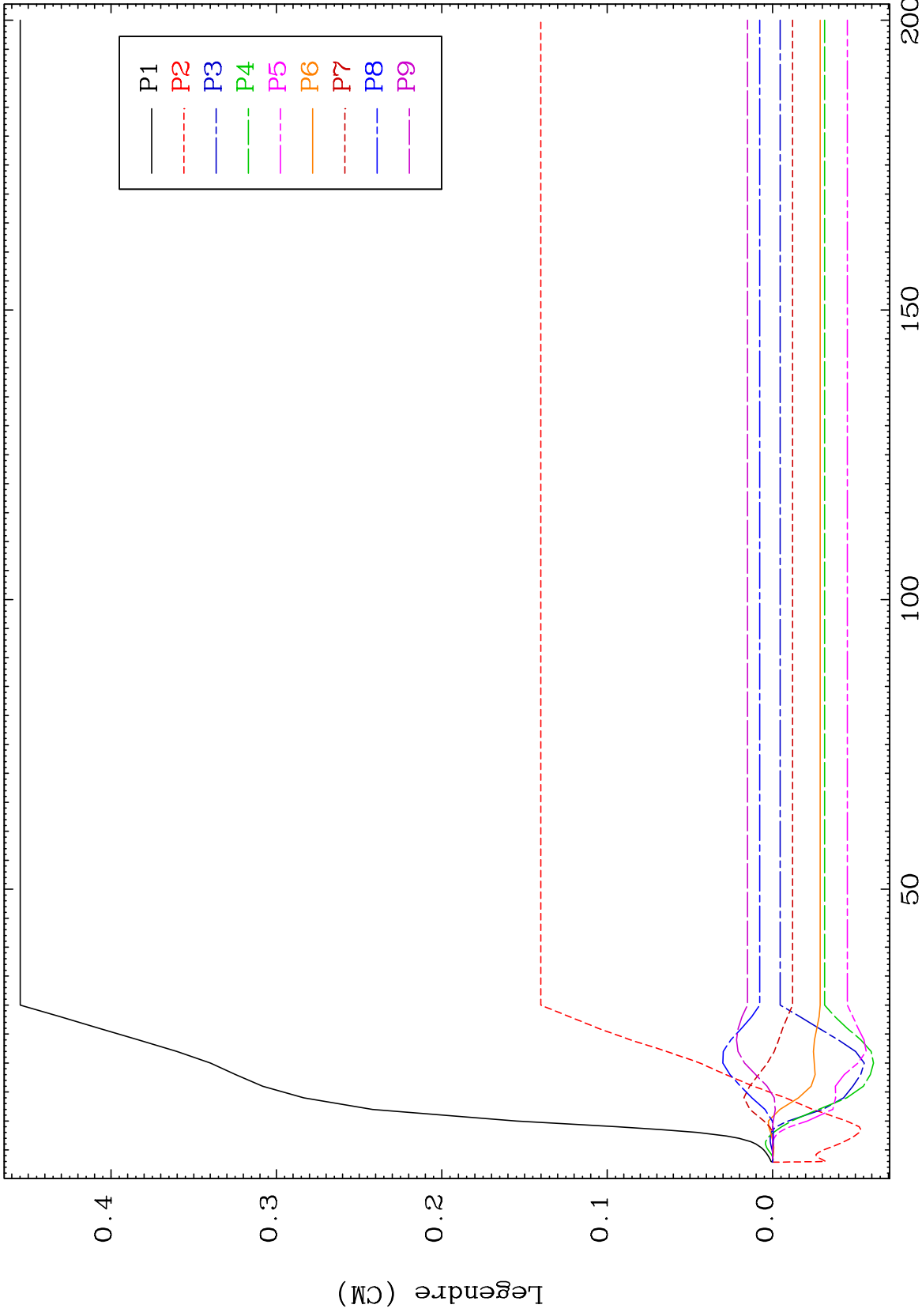
107

52-Te-132

MAT 5261

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

52-Te-132



108

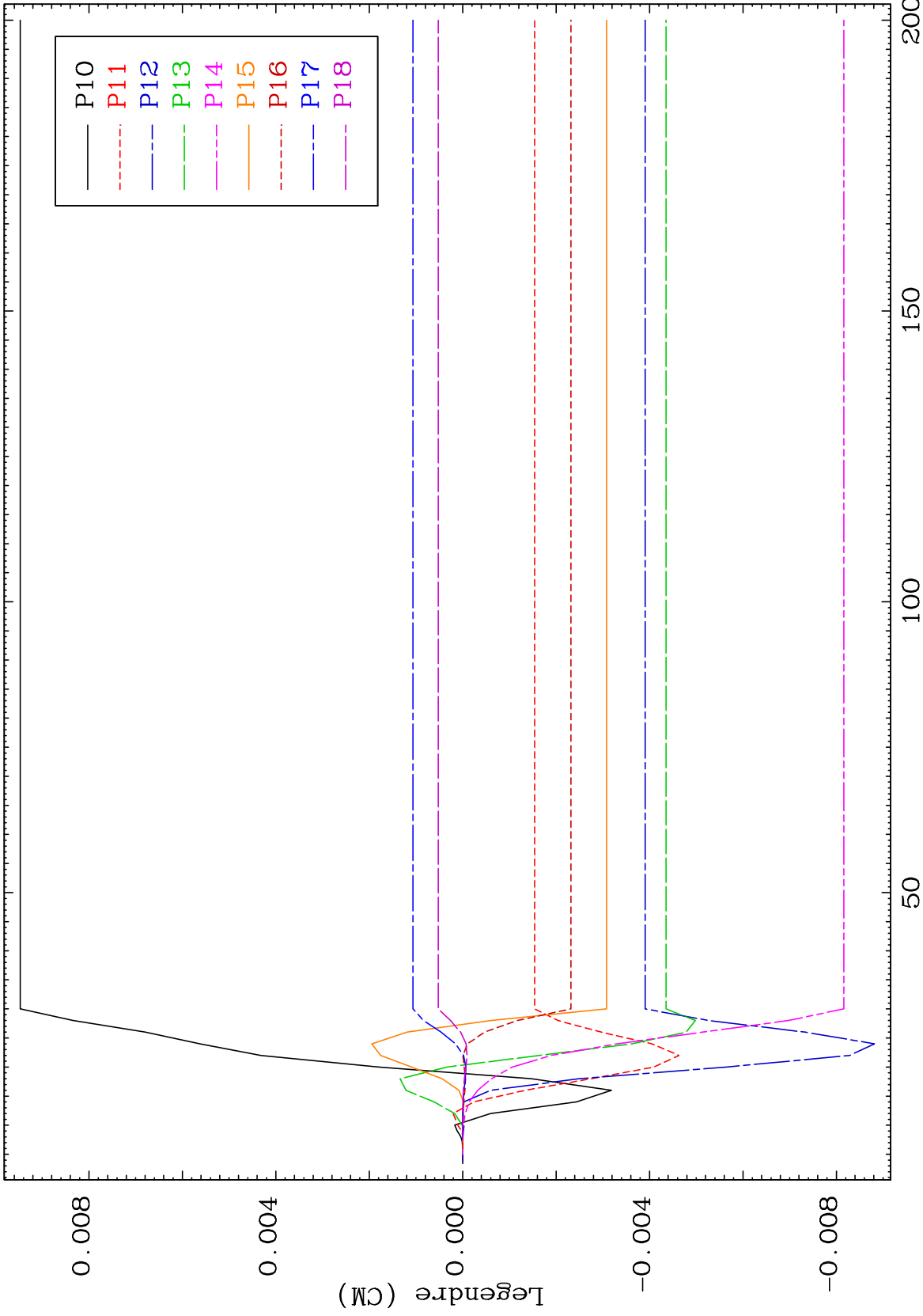
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132

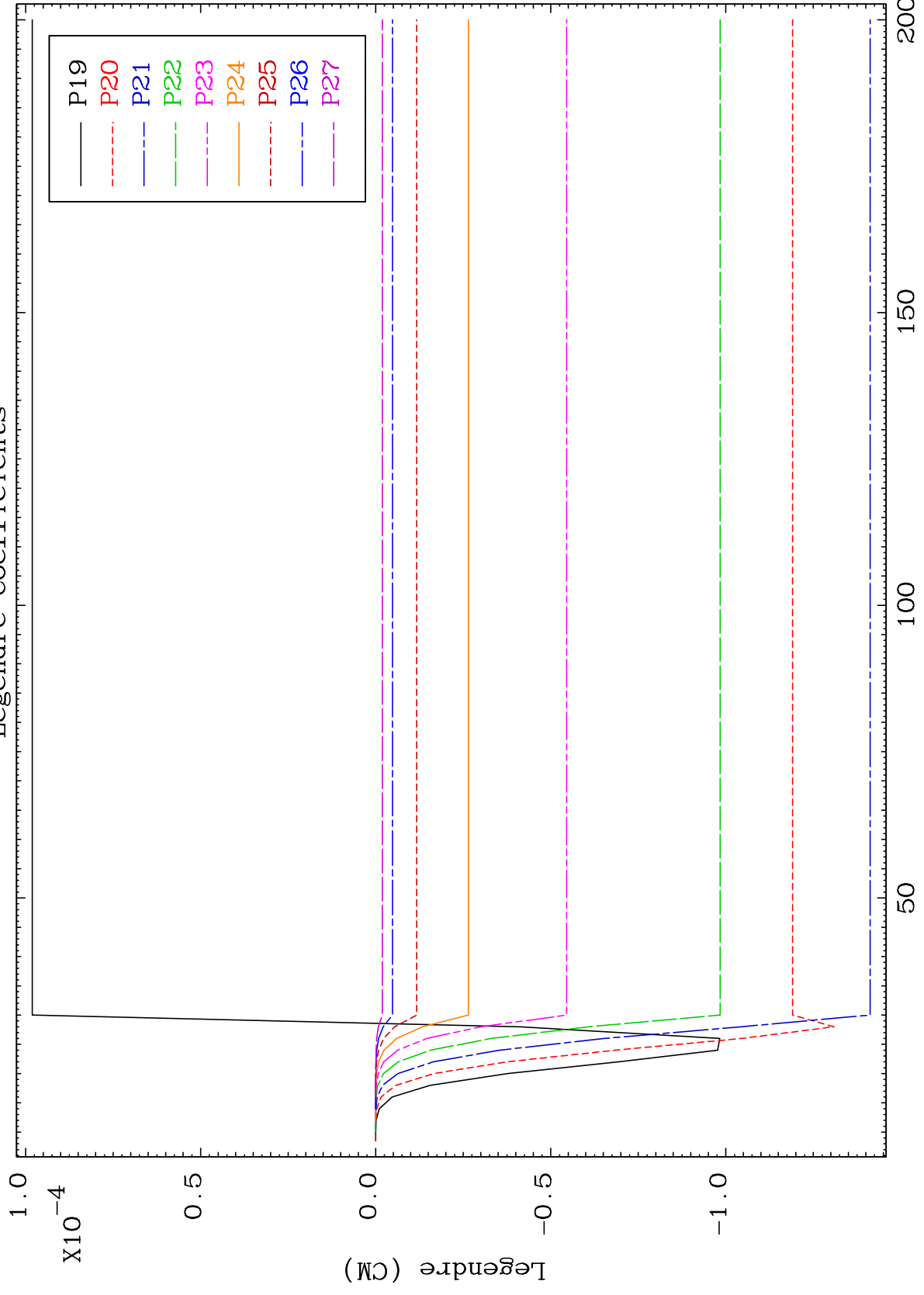


109

Incident Energy (MeV)

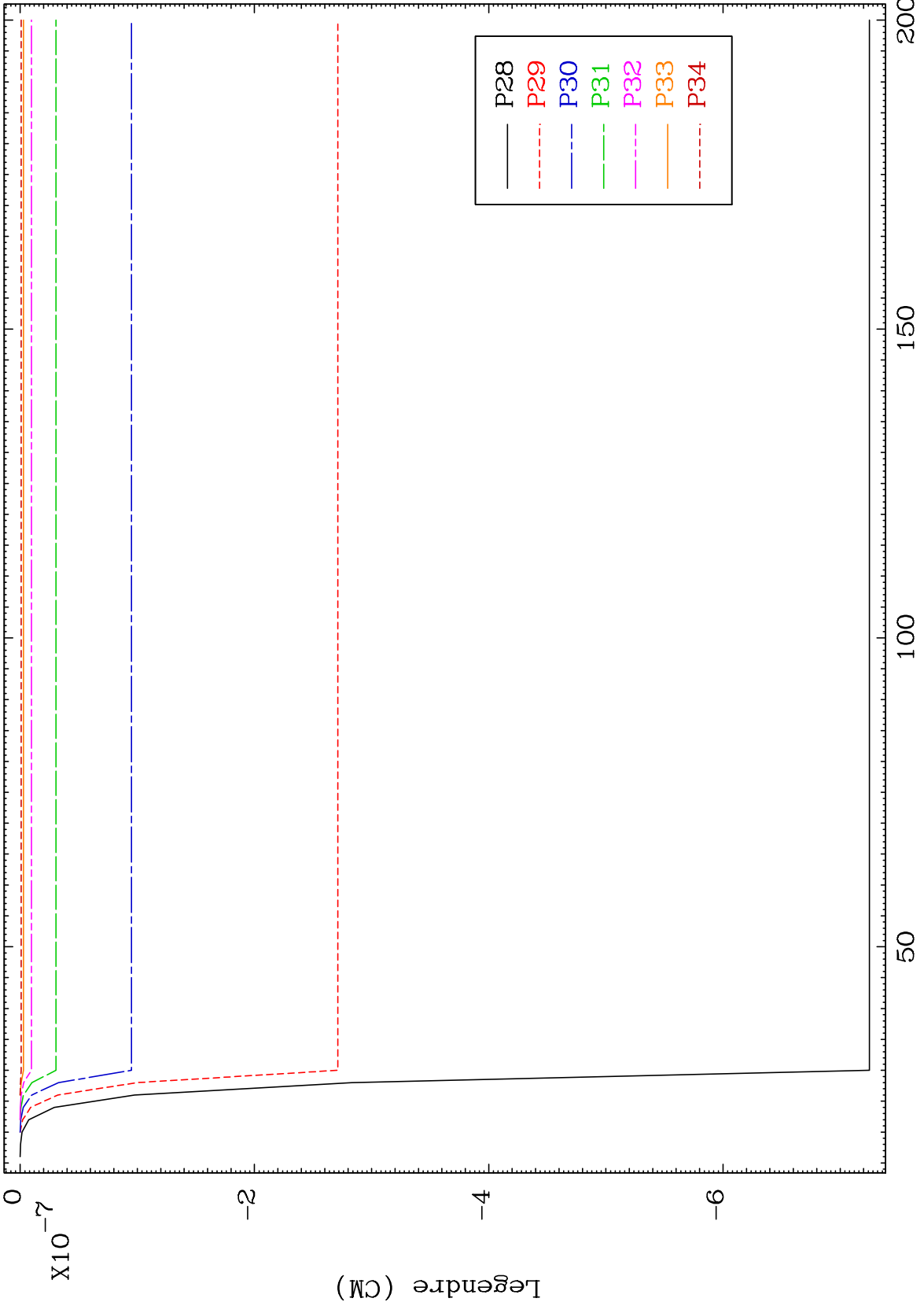
52-Te-132

MAT 5261 MT= 75 (n,n') Level Legendre Coefficients 52-Te-132



110 Incident Energy (MeV) 52-Te-132

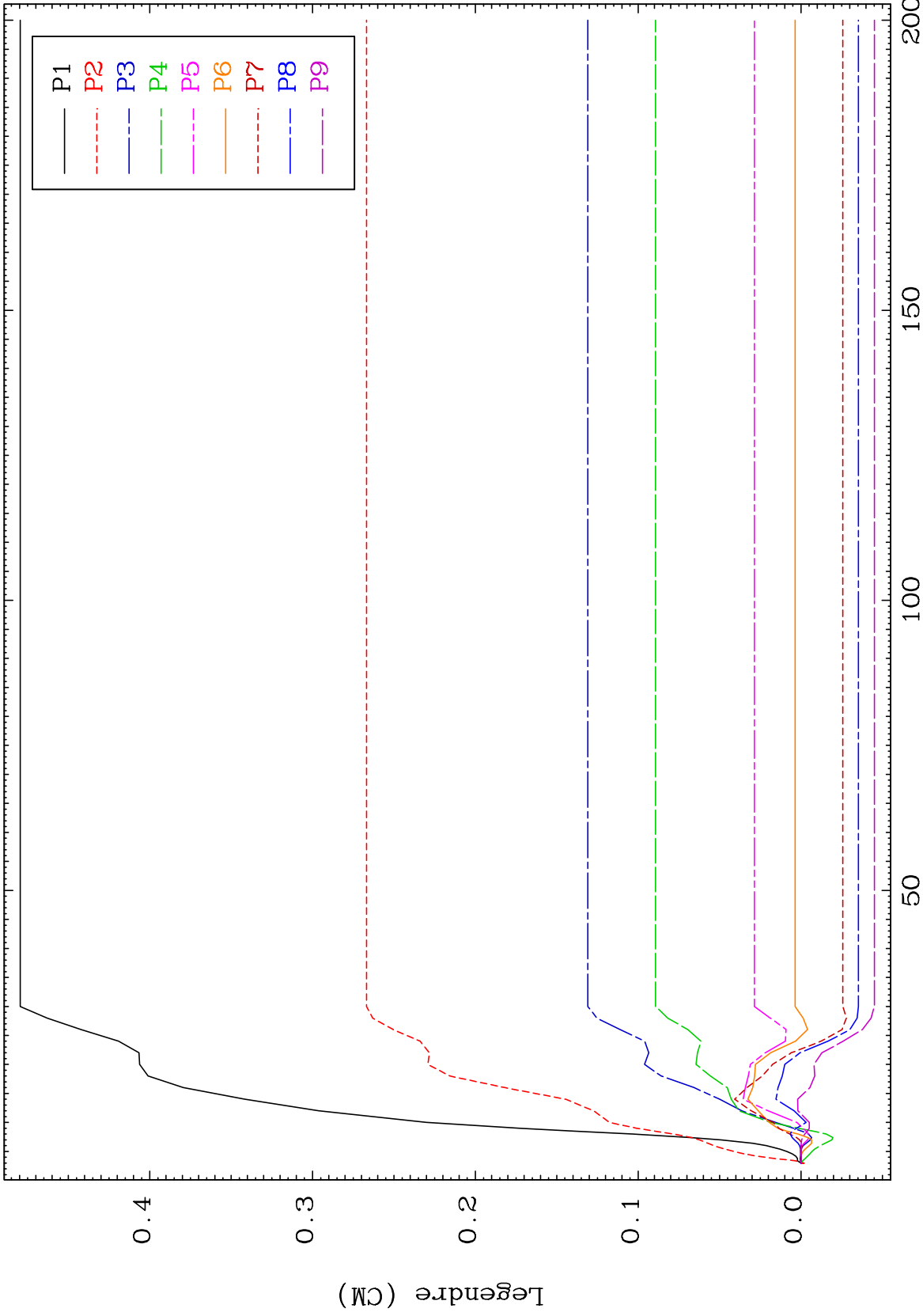
MAT 5261 MT= 75 (n,n') Level Legendre Coefficients 52-Te-132



MAT 5261

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

52-Te-132



112

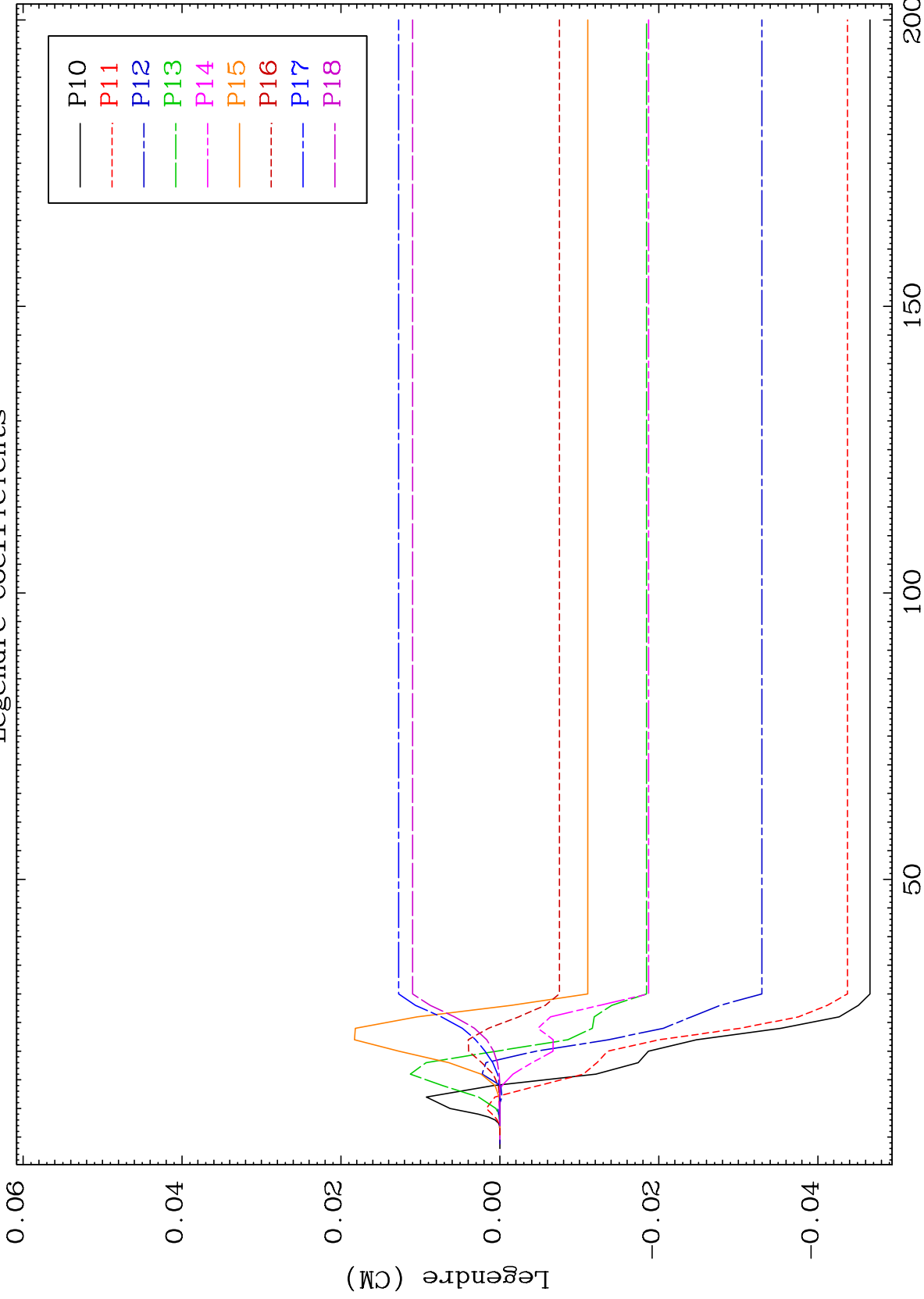
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



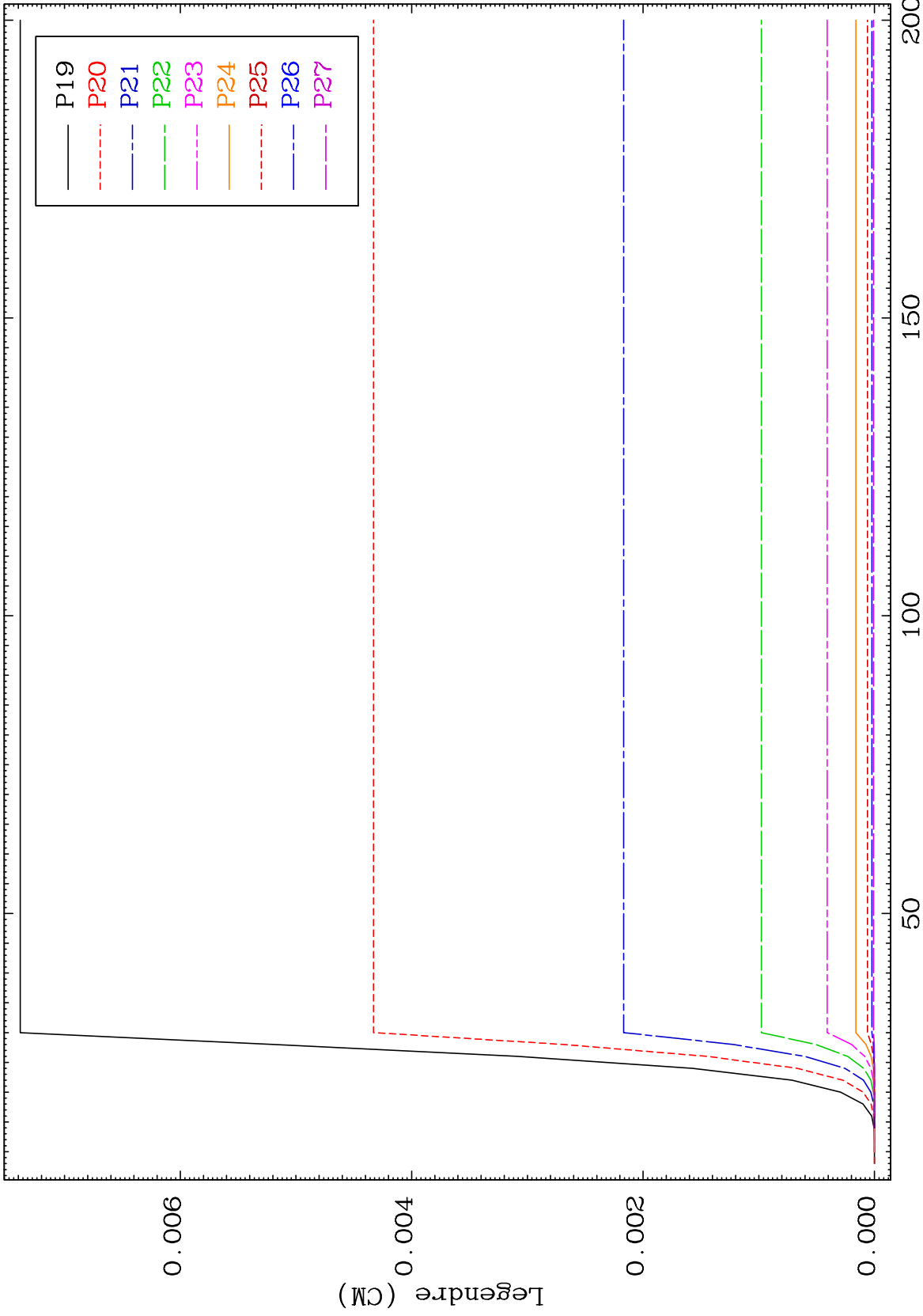
113

52-Te-132

MAT 5261

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

52-Te-132



114

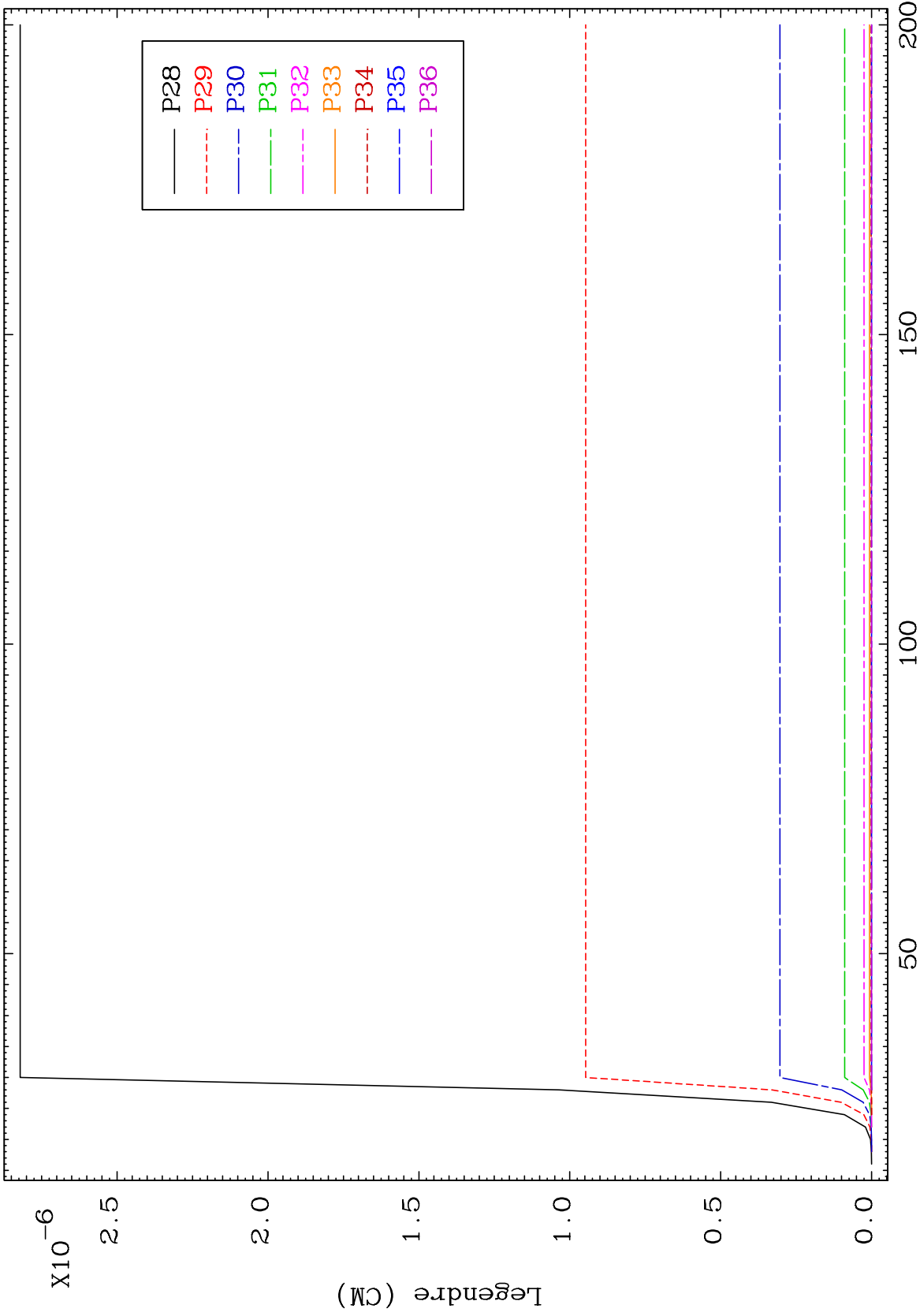
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



115

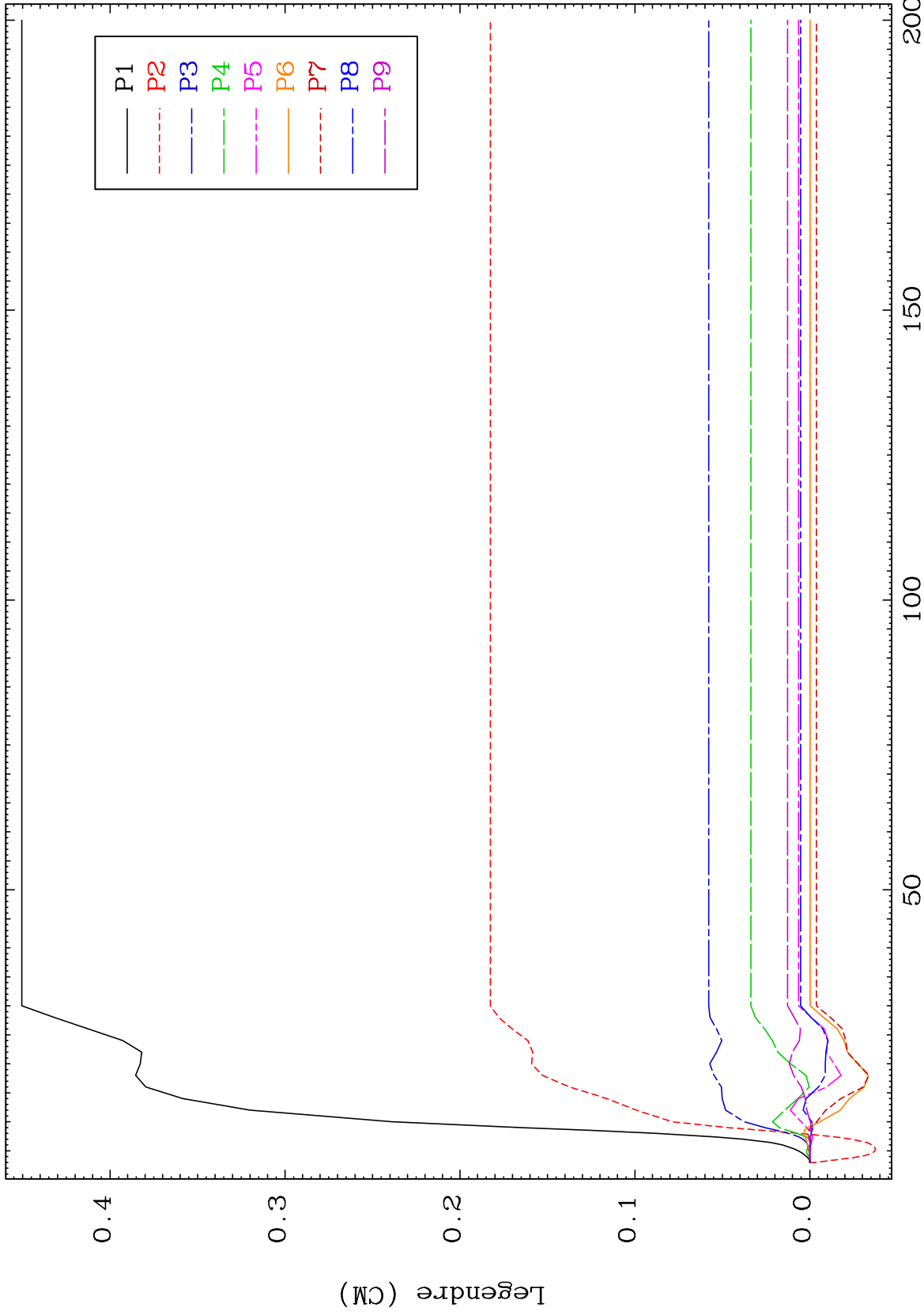
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



116

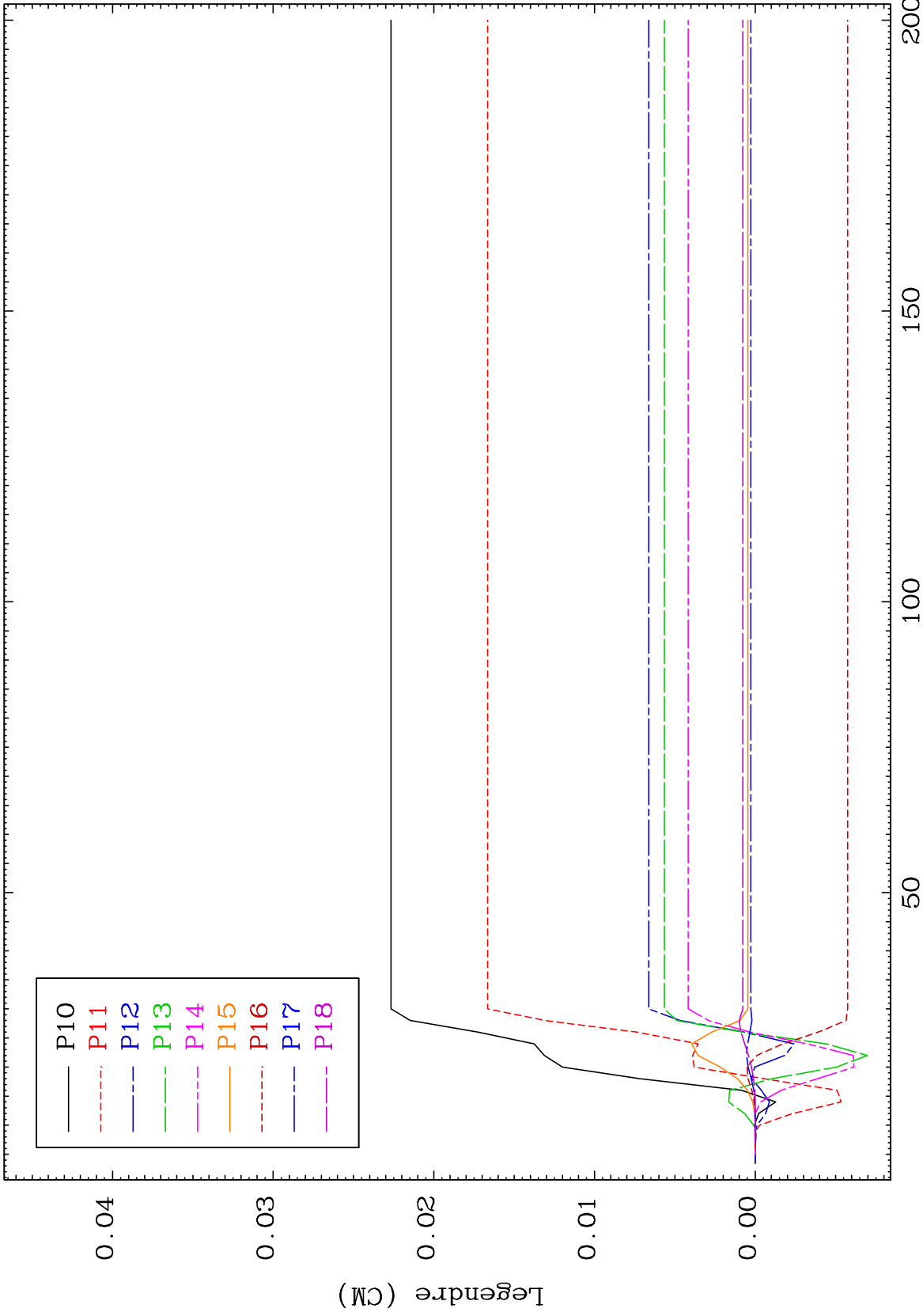
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



117

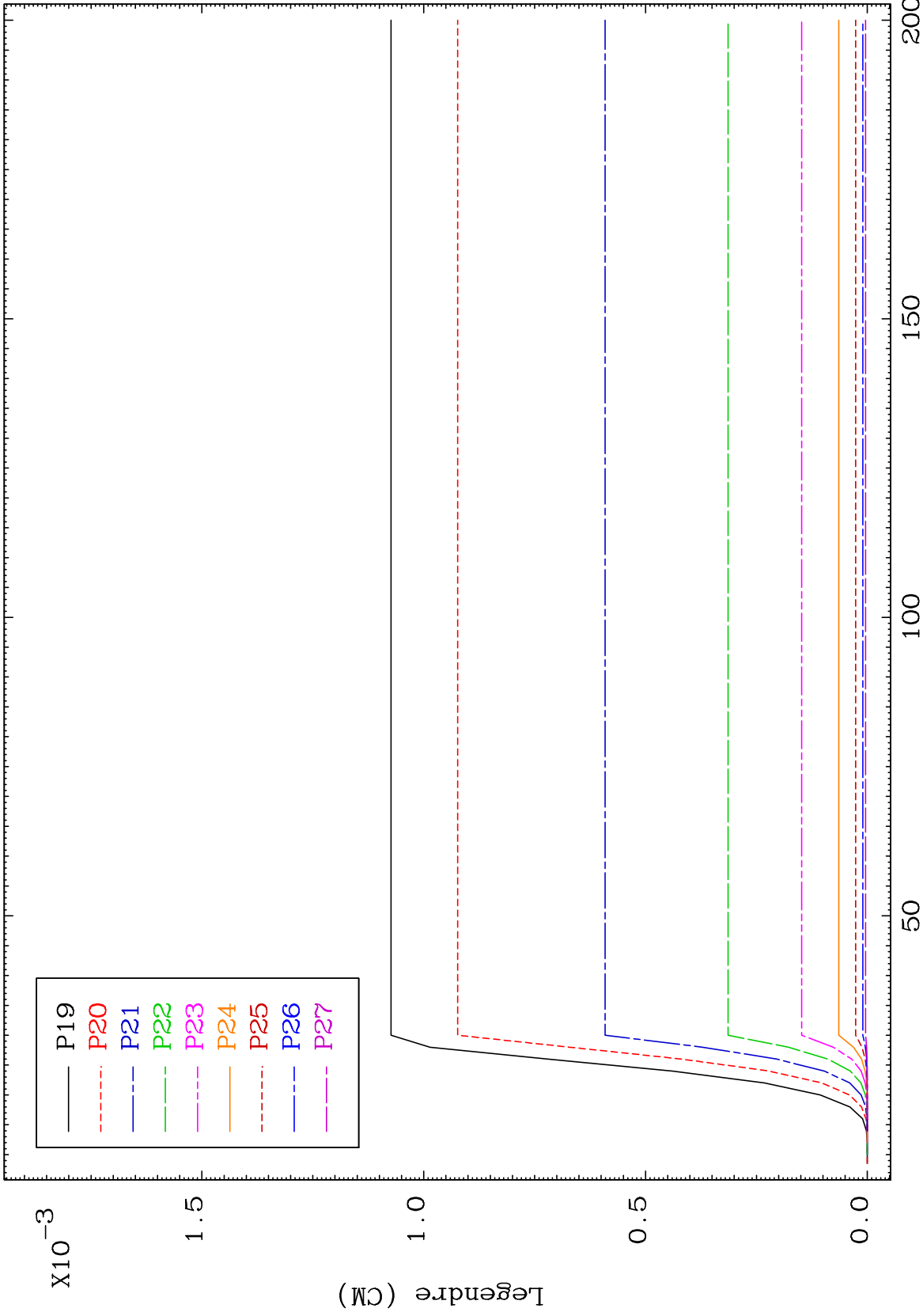
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



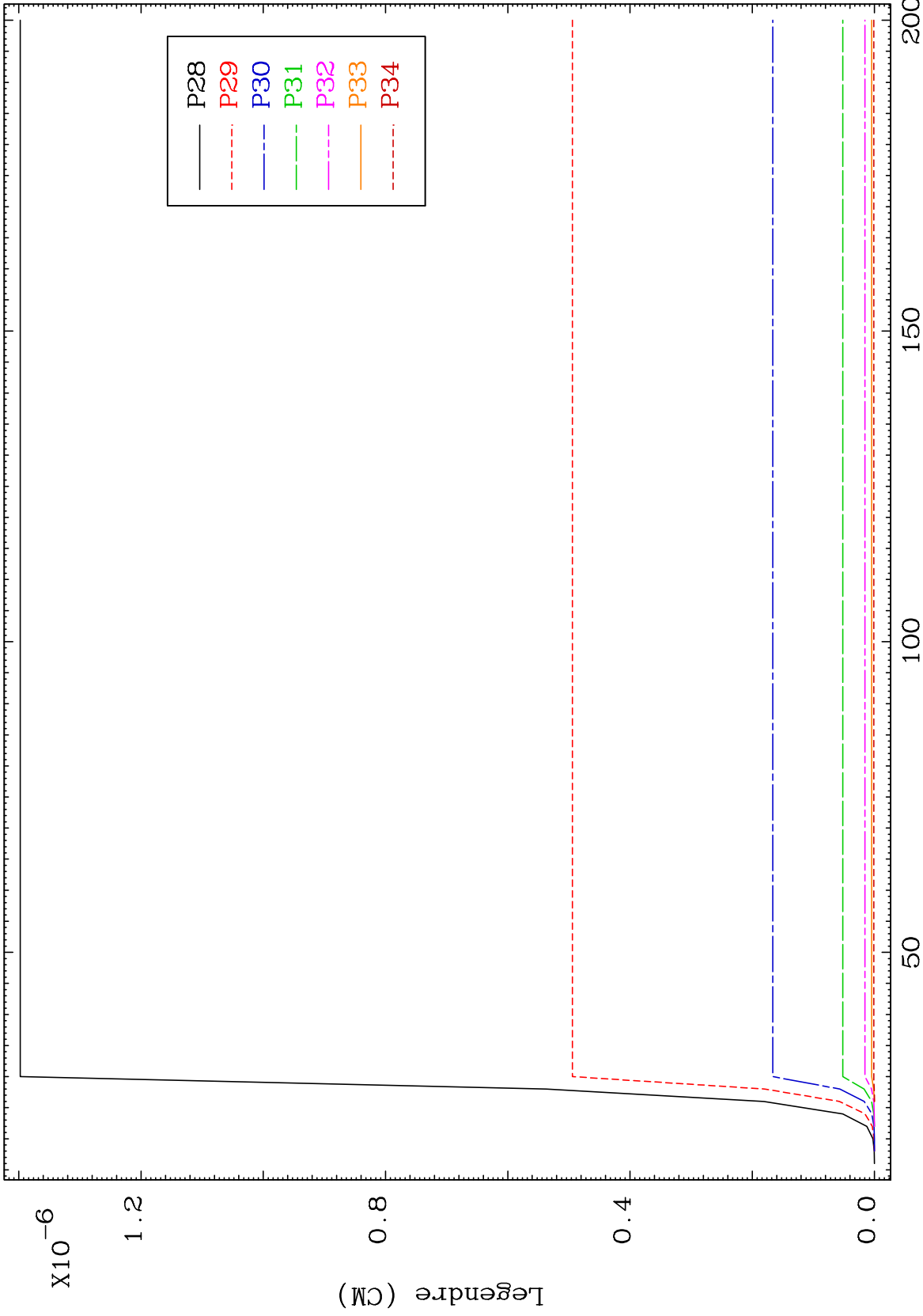
118

52-Te-132

MAT 5261

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

52-Te-132



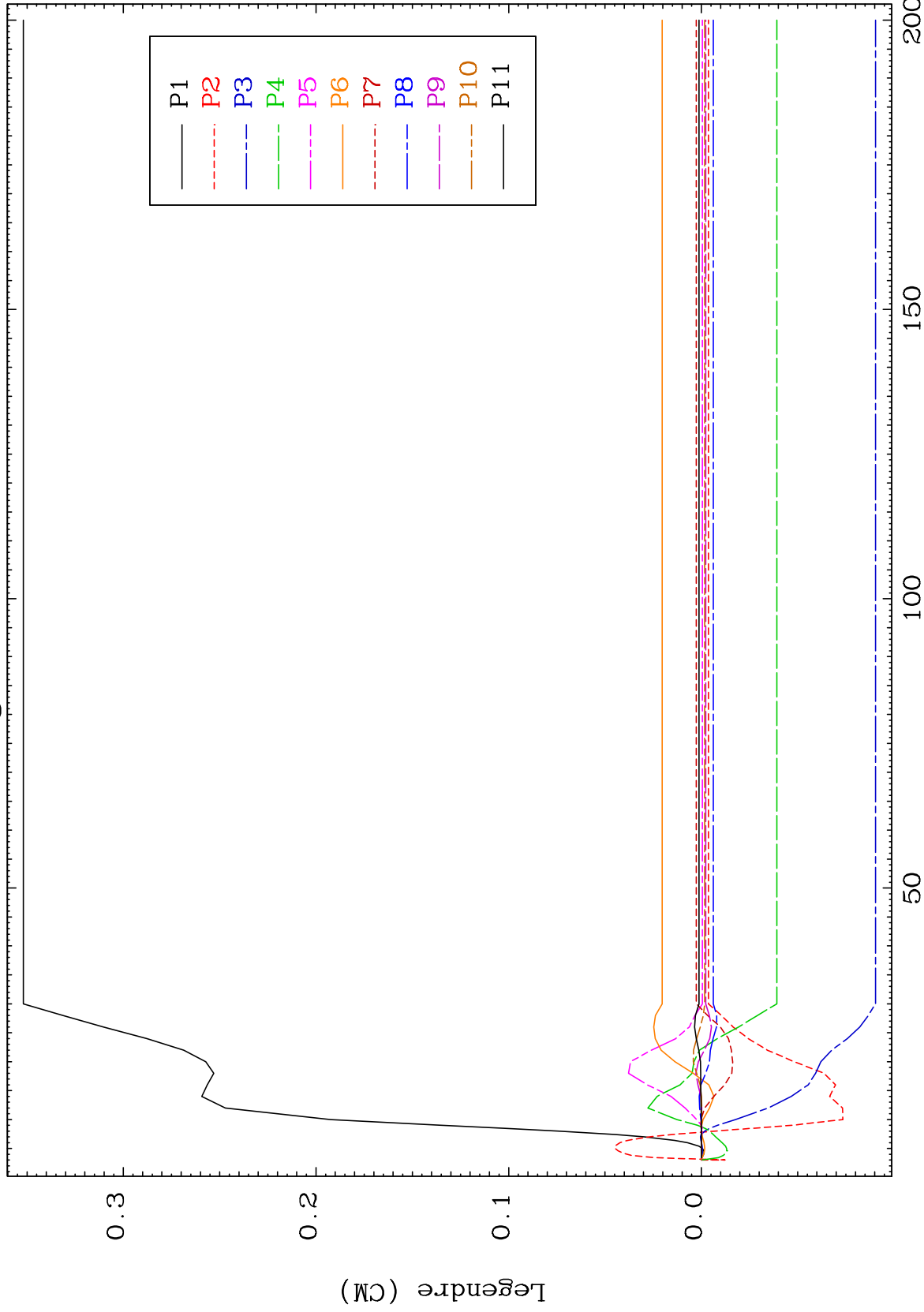
119

52-Te-132

MAT 5261

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

52-Te-132



120

Incident Energy (MeV)

150

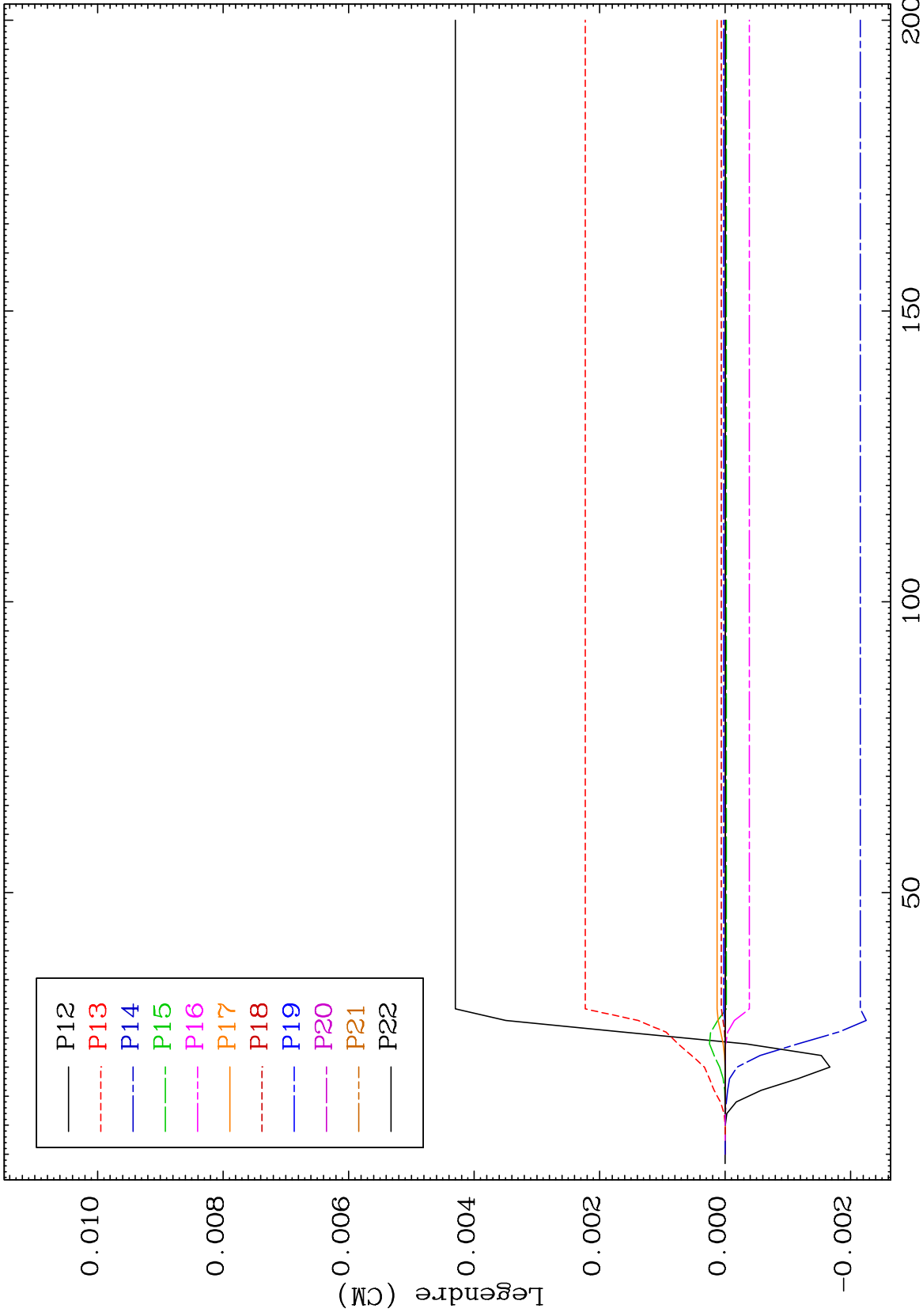
52-Te-132

200

MAT 5261

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

52-Te-132



121

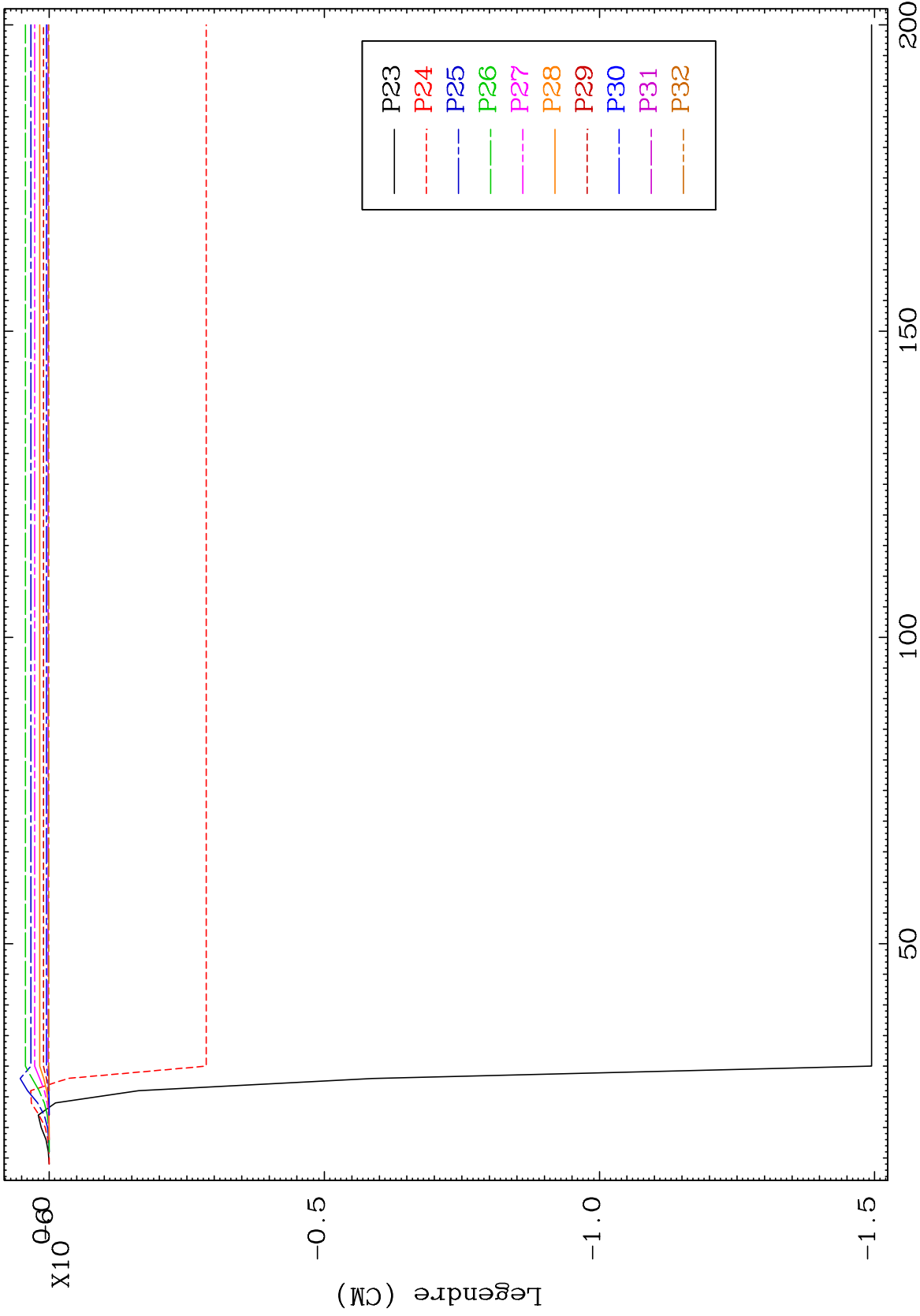
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



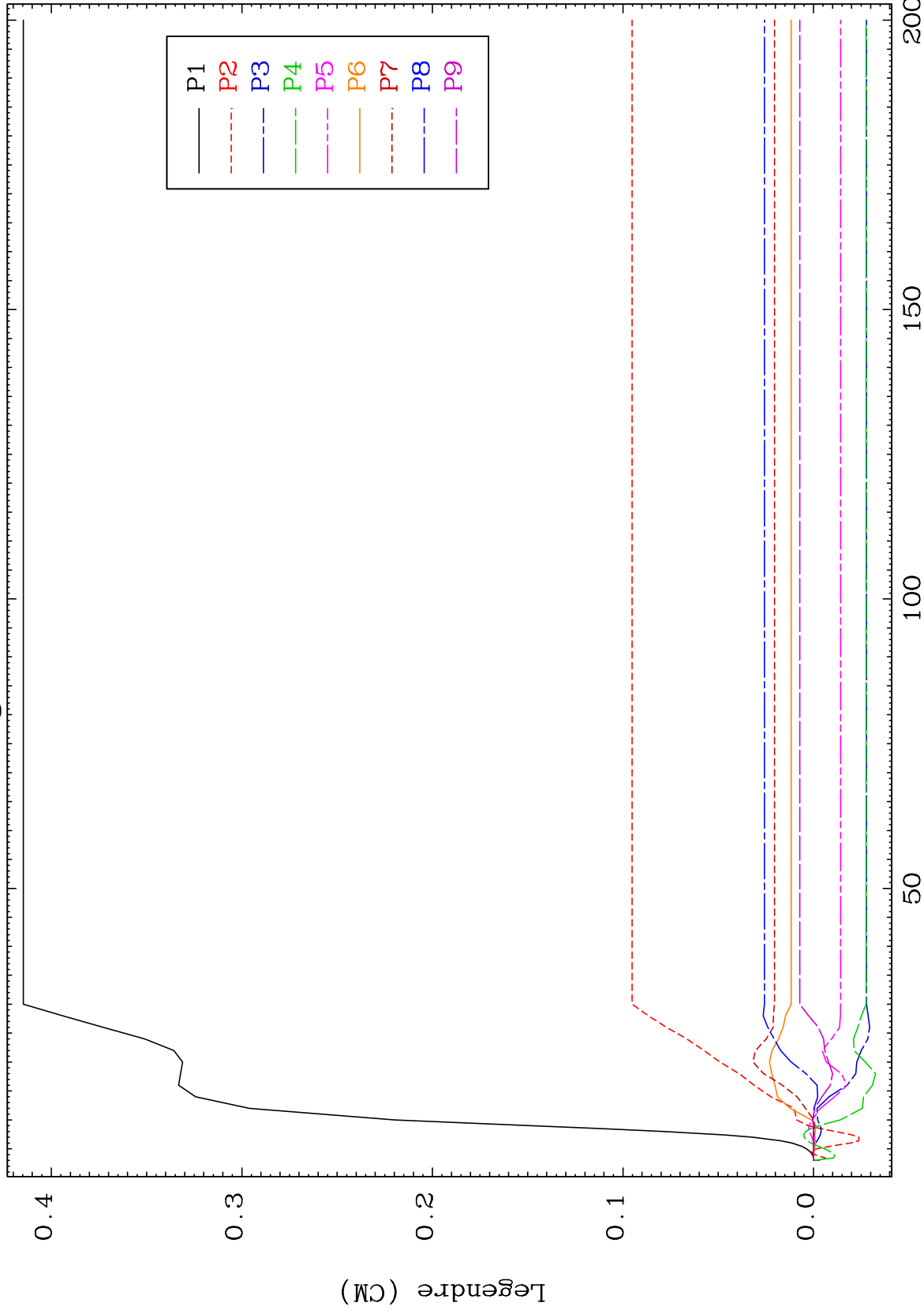
122

52-Te-132

MAT 5261

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

52-Te-132



123

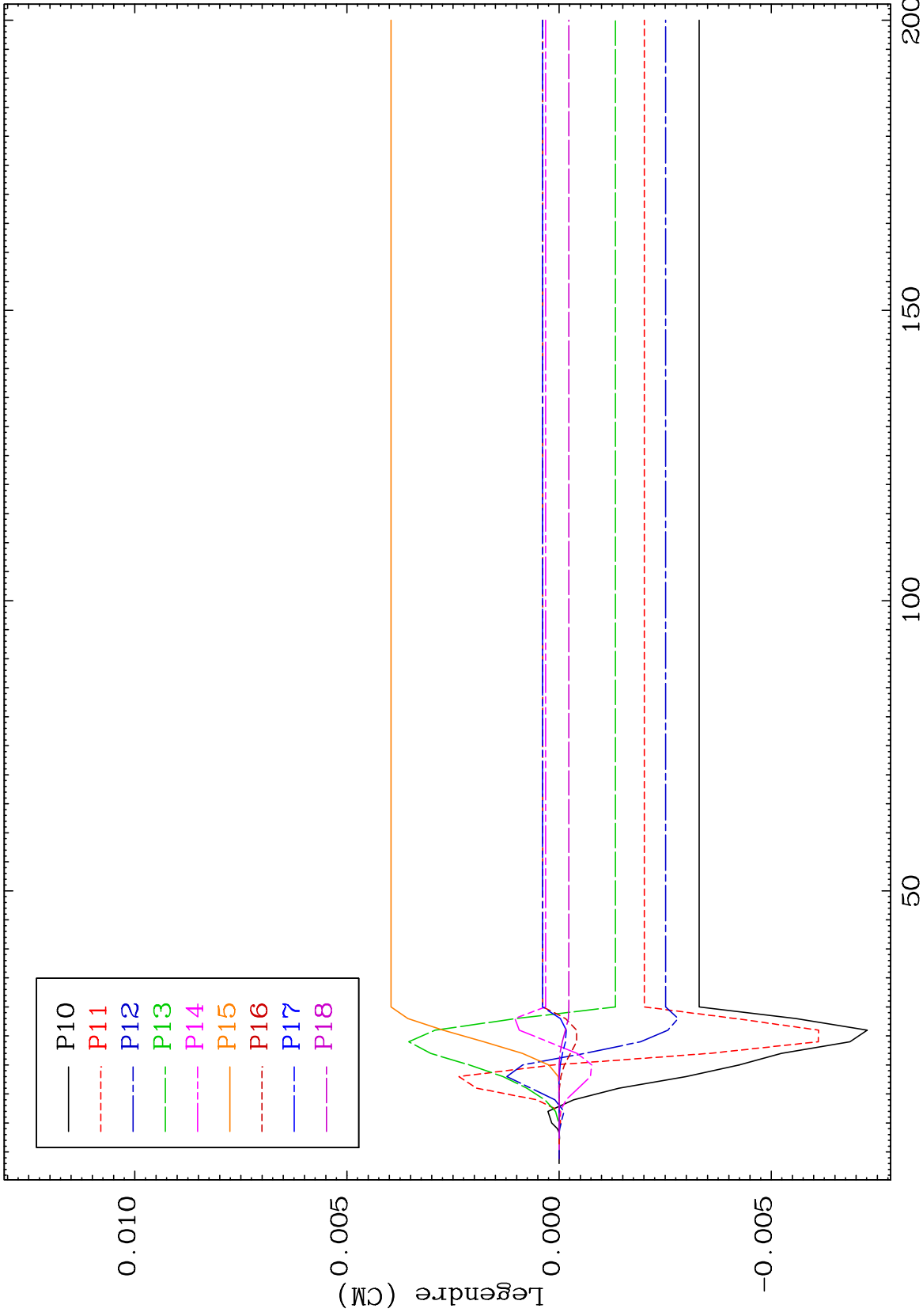
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132

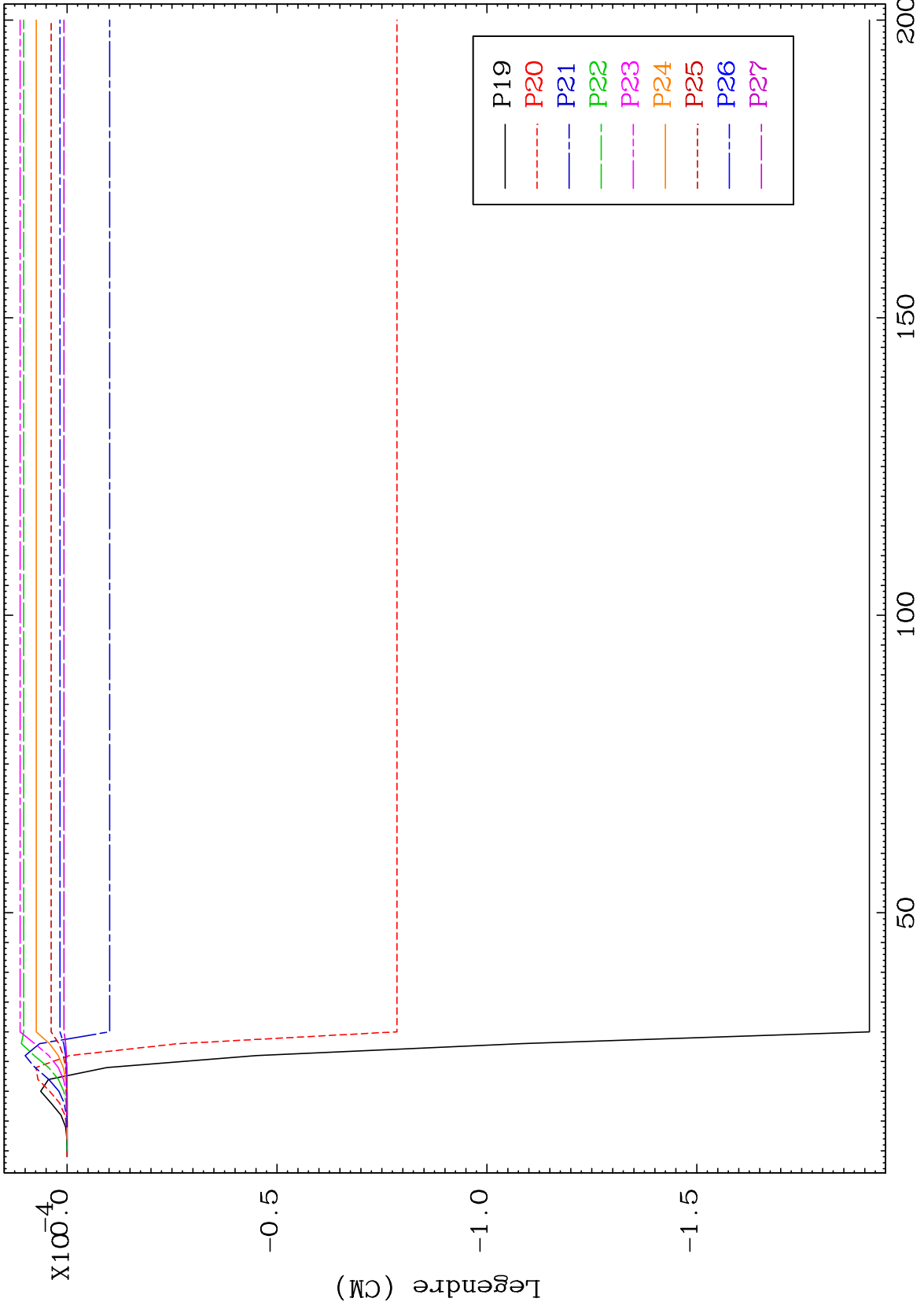


124

Incident Energy (MeV)

52-Te-132

MAT 5261 MT= 79 (n,n') Level Legendre Coefficients 52-Te-132

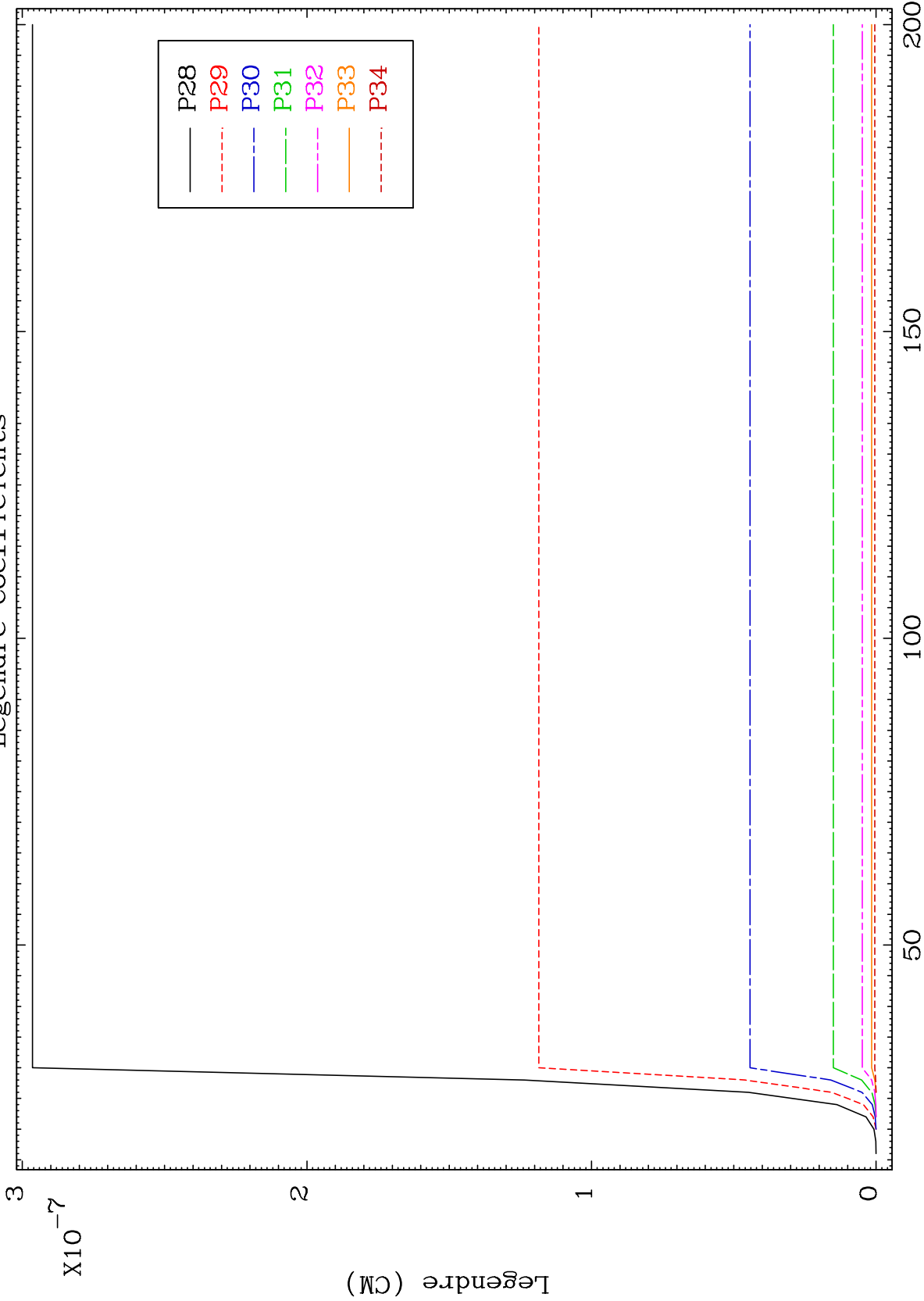


125 52-Te-132

MAT 5261

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

52-Te-132



126

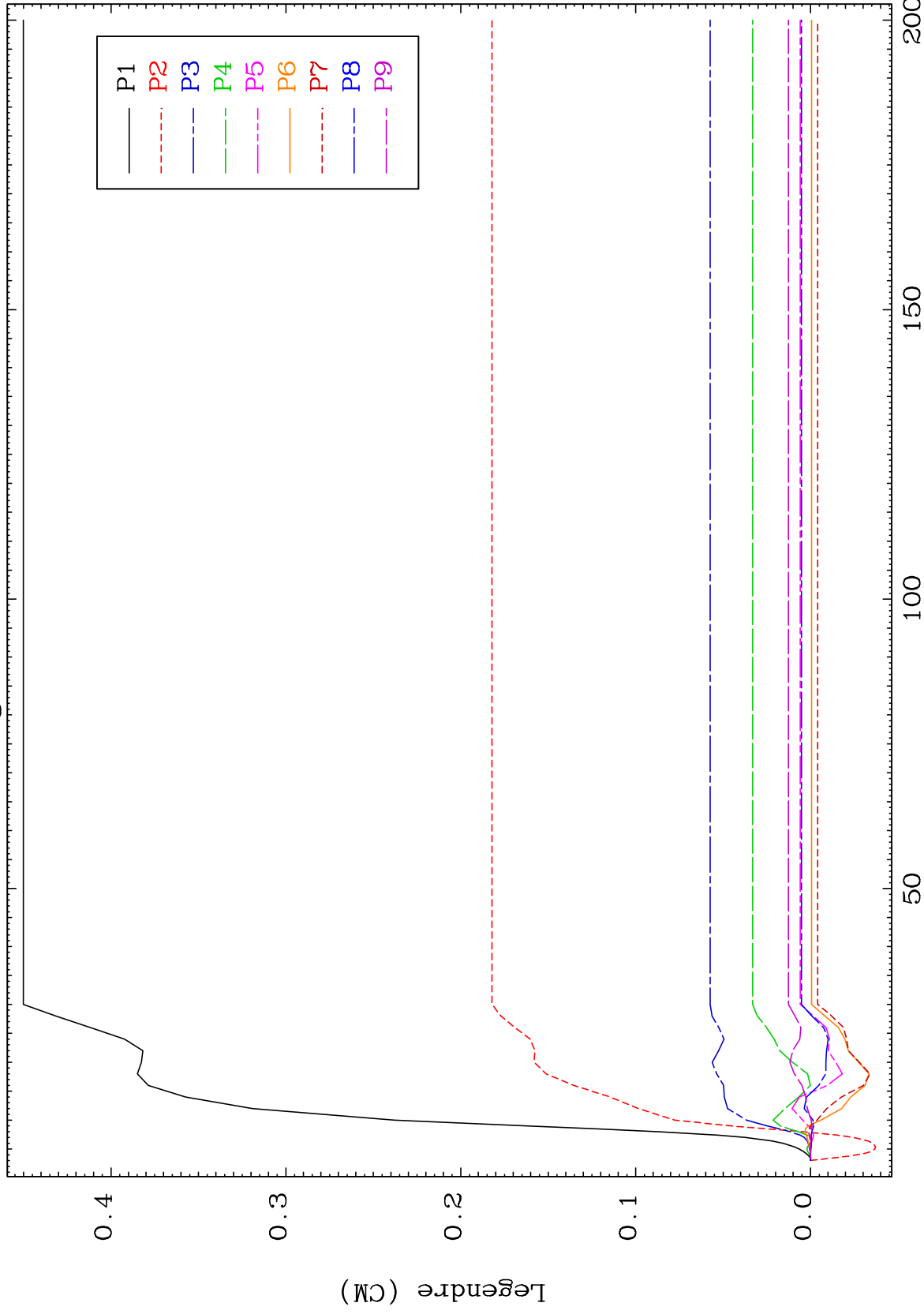
Incident Energy (MeV)

52-Te-132

MAT 5261

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

52-Te-132



127

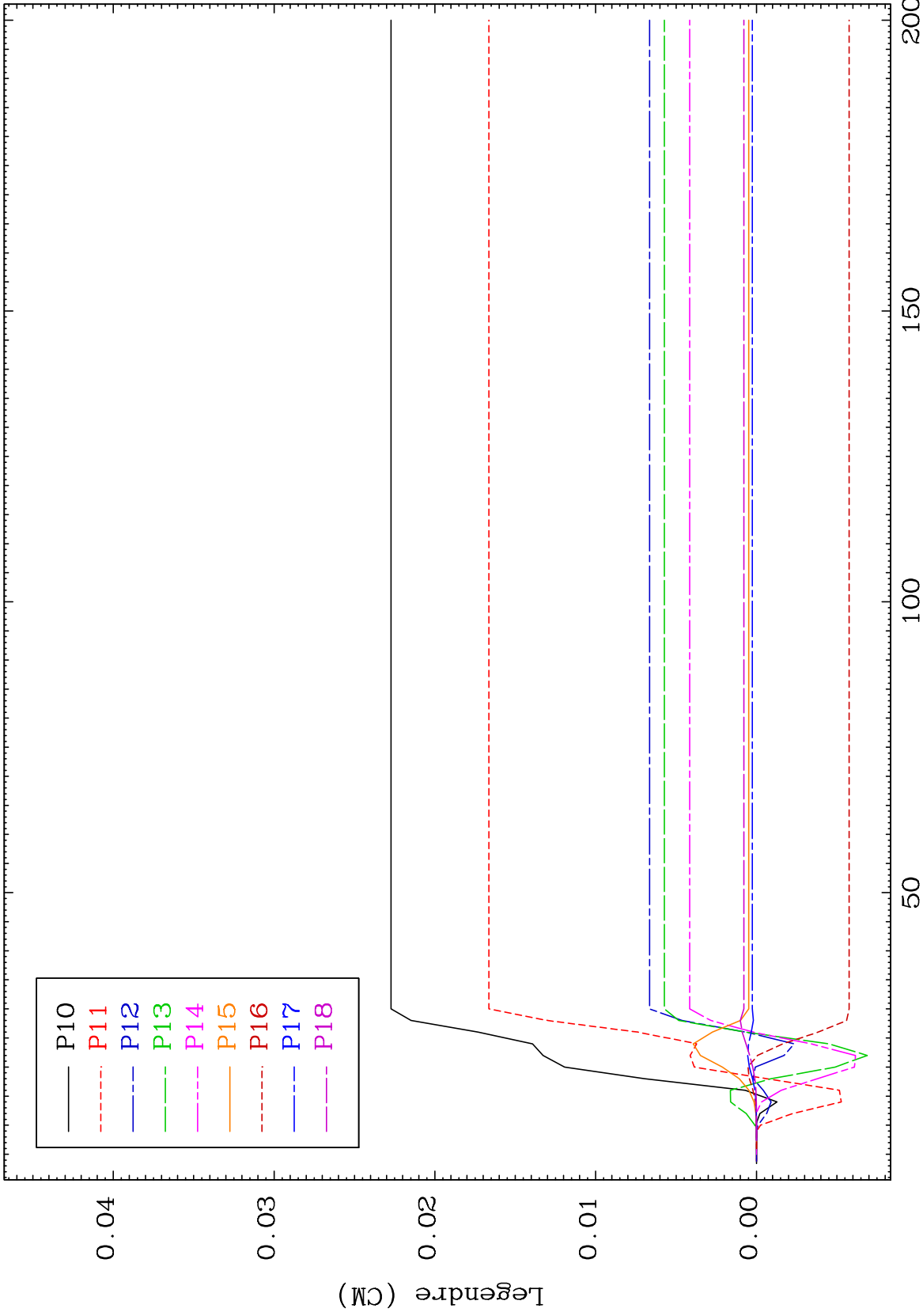
Incident Energy (MeV)

52-Te-132

MAT 5261

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

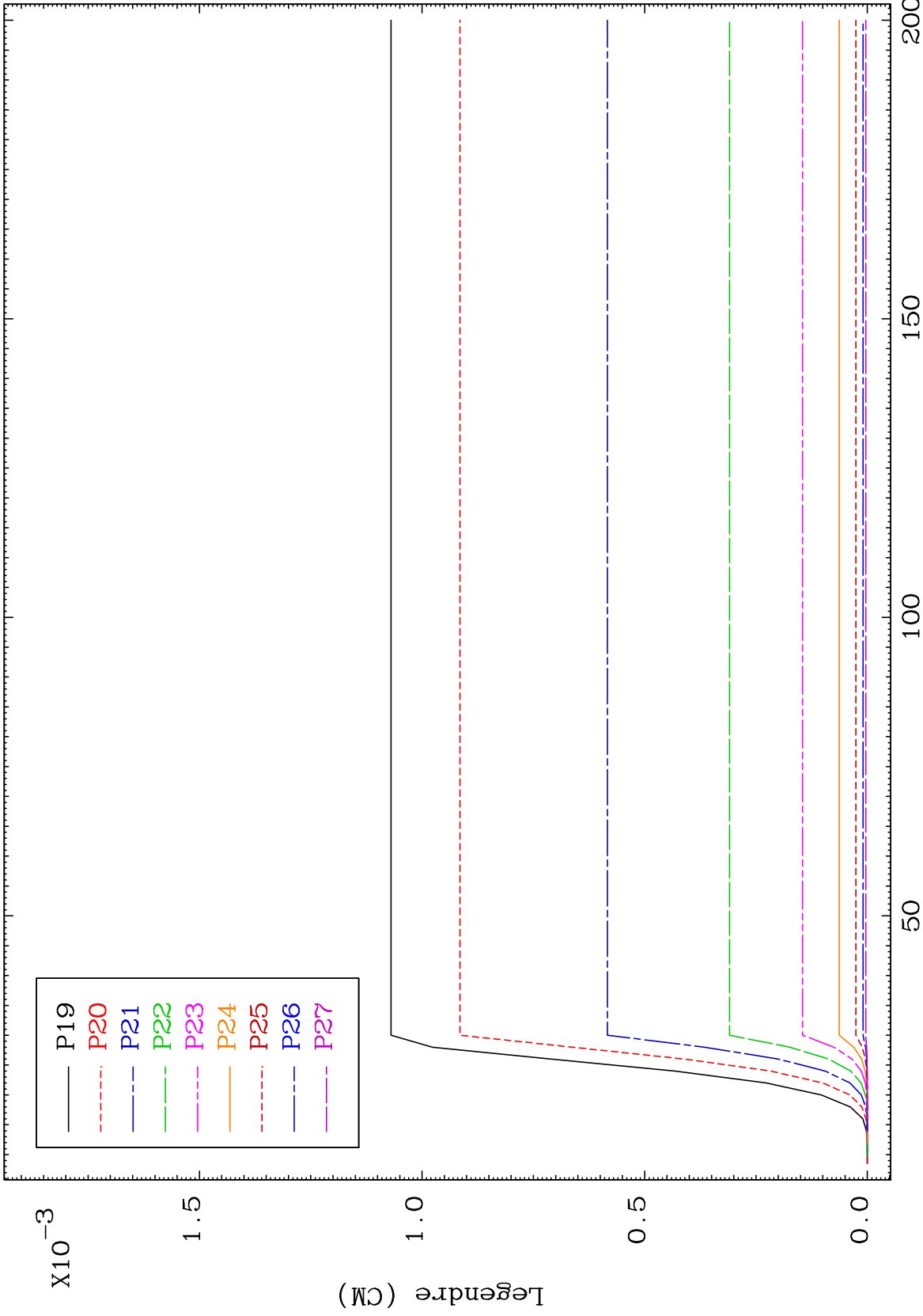
52-Te-132



MAT 5261

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

52-Te-132



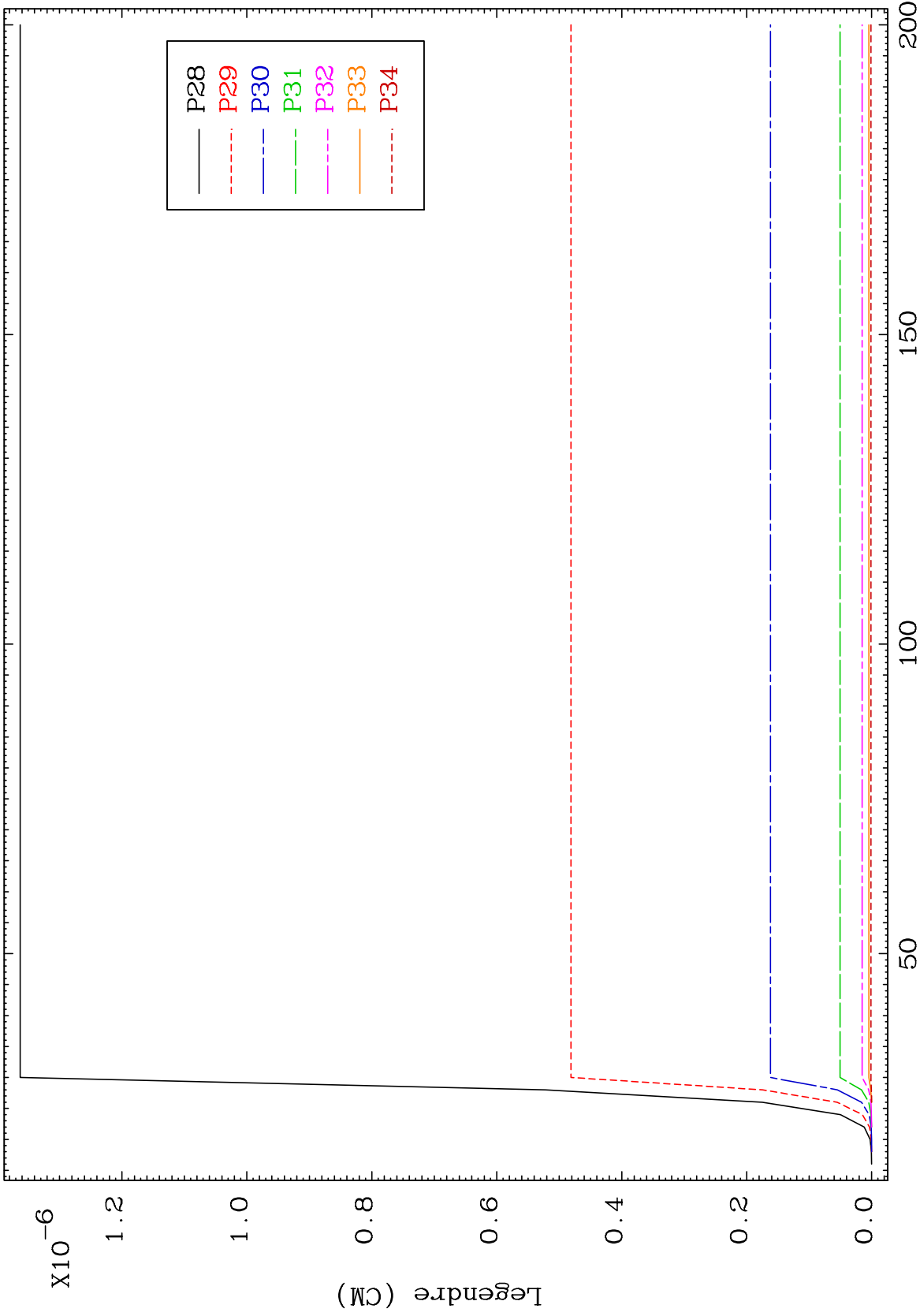
129

52-Te-132

MAT 5261

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

52-Te-132



130

Incident Energy (MeV)

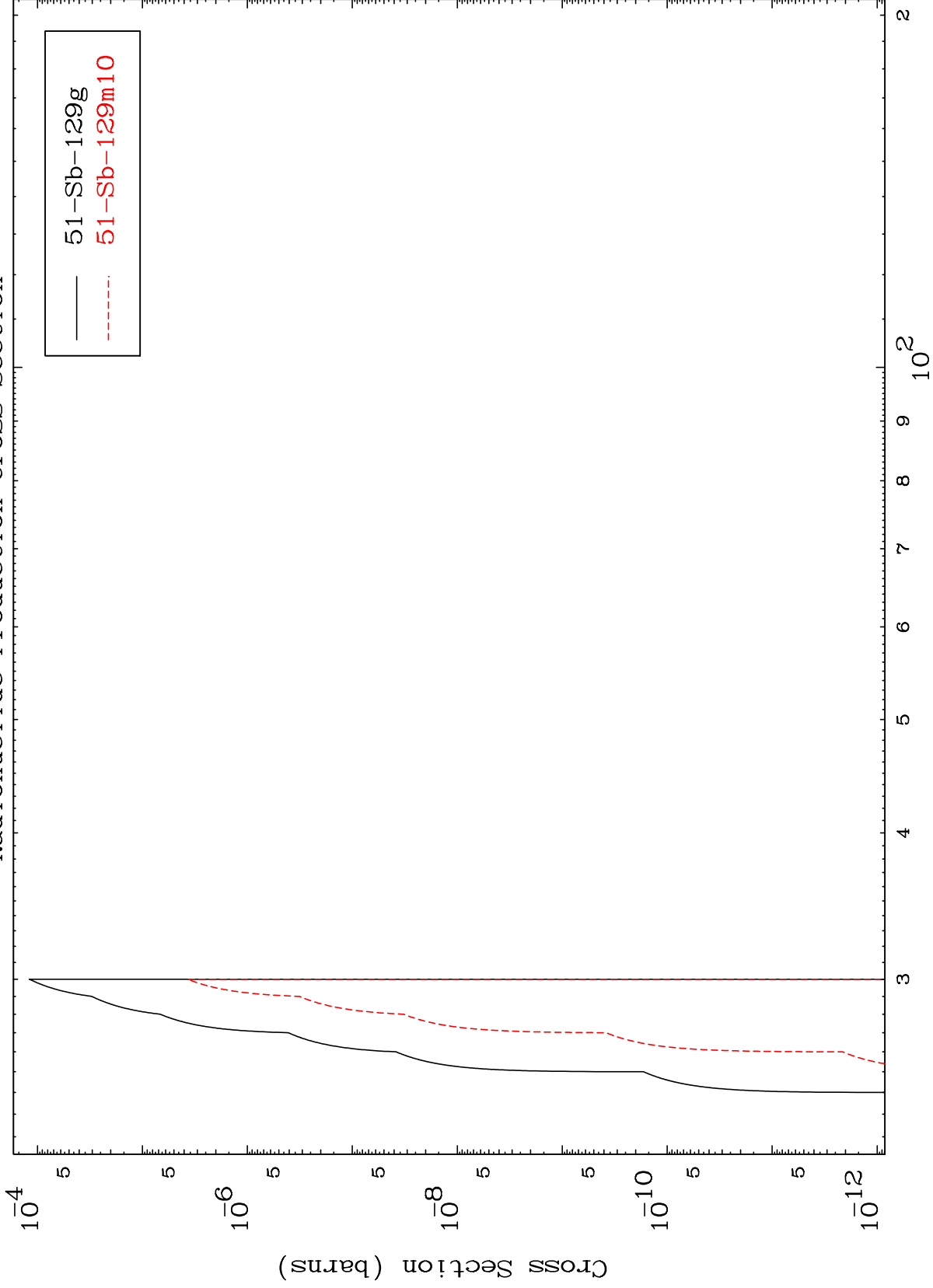
52-Te-132

MAT 5261

(n,2n) d

52-Te-132

Radionuclide Production Cross Section



131

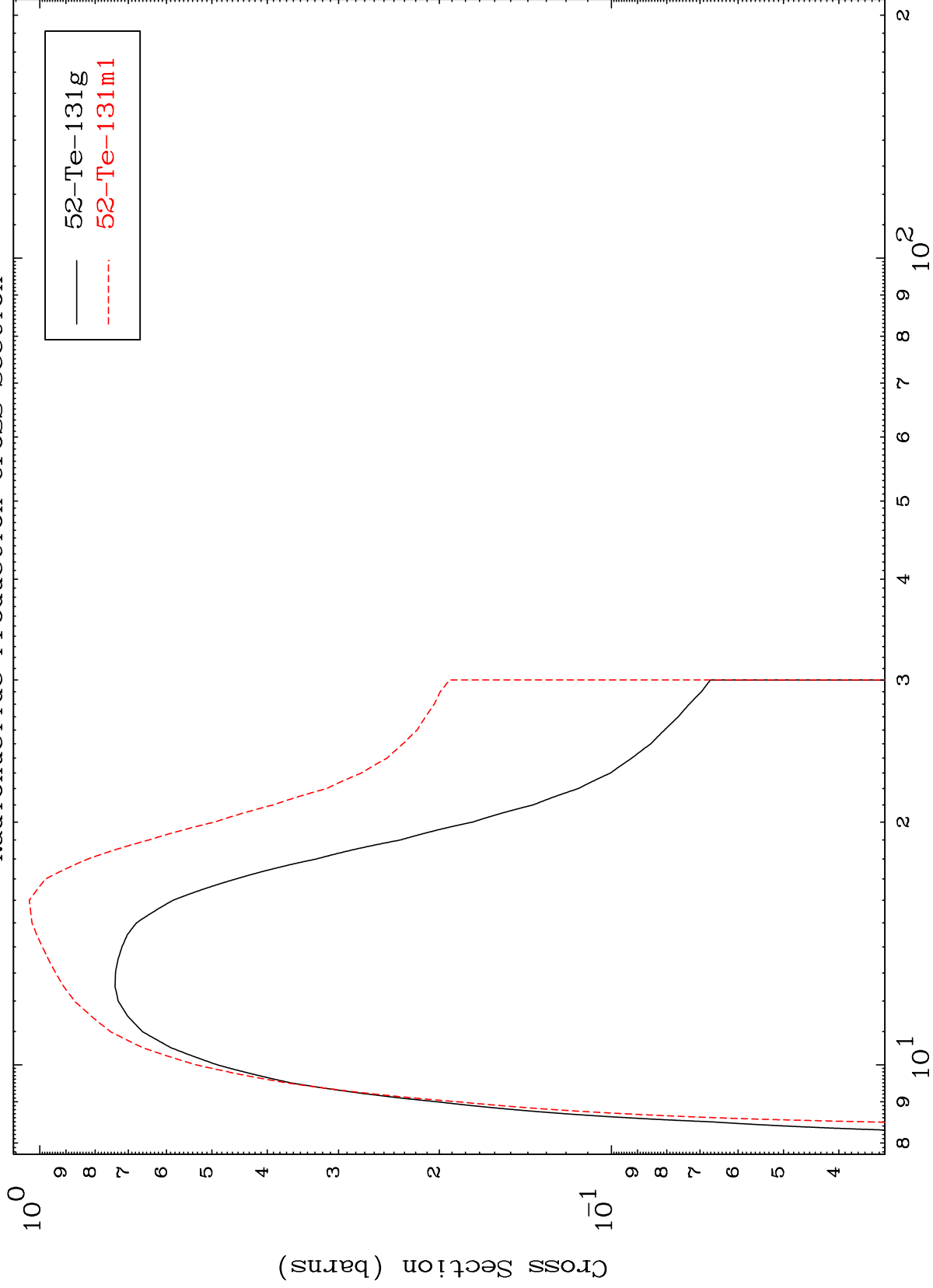
Incident Energy (MeV)

52-Te-132

MAT 5261

52-Te-132

(n,2n)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

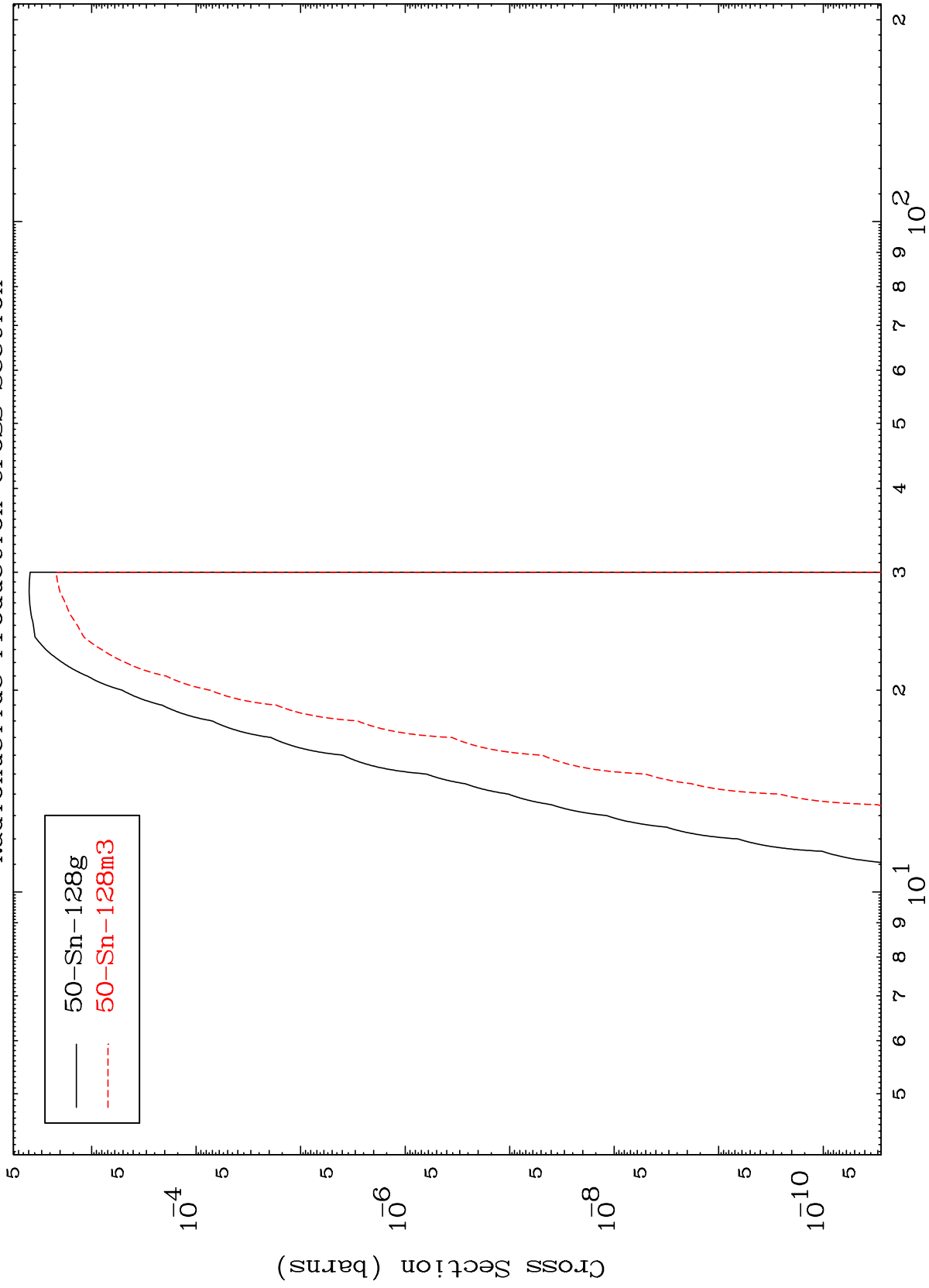
52-Te-132

MAT 5261

(n,n') α

52-Te-132

Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

133

Incident Energy (MeV)

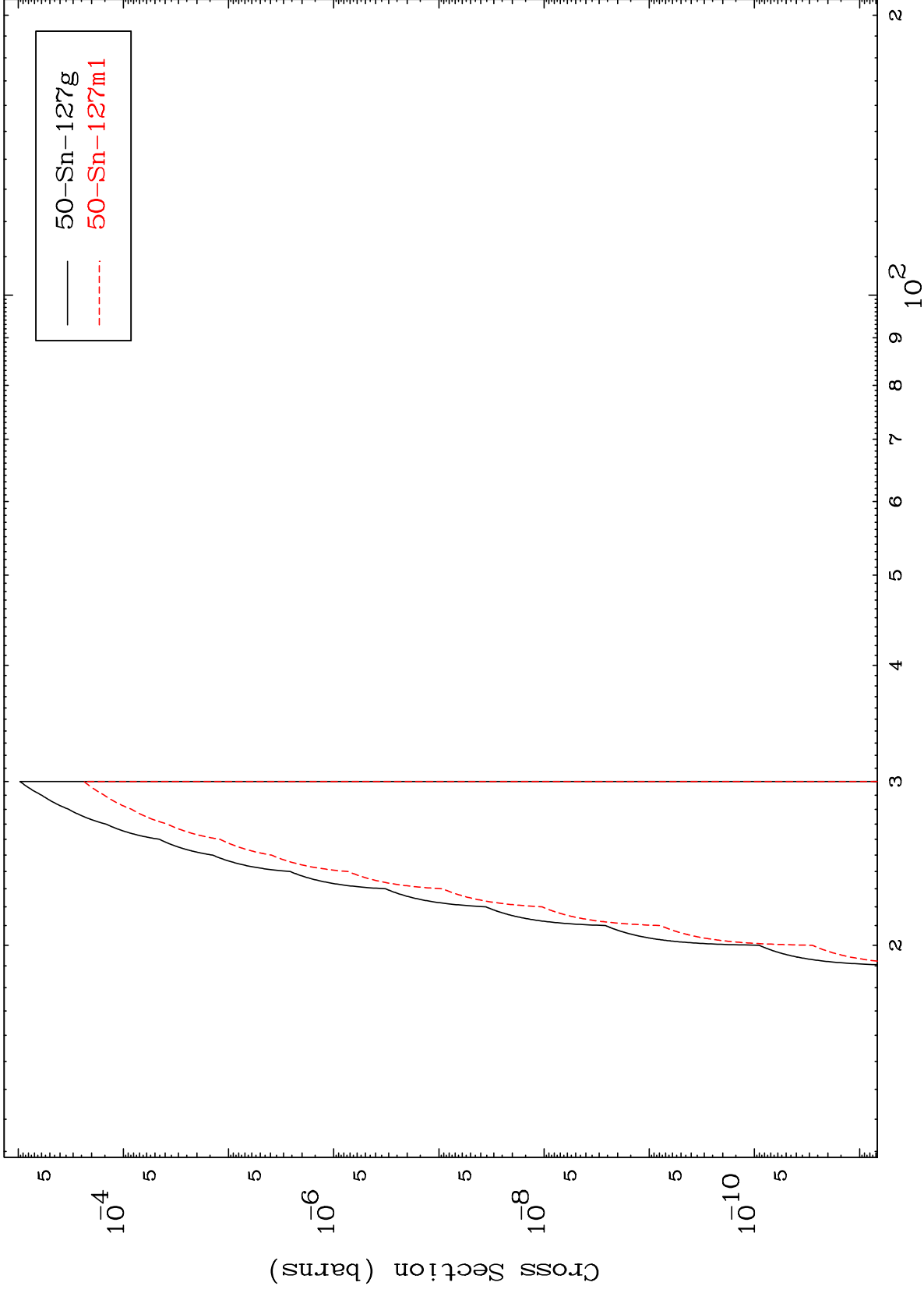
52-Te-132

MAT 5261

(n,2n) α

⁵²Te-132

Radionuclide Production Cross Section



134

Incident Energy (MeV)

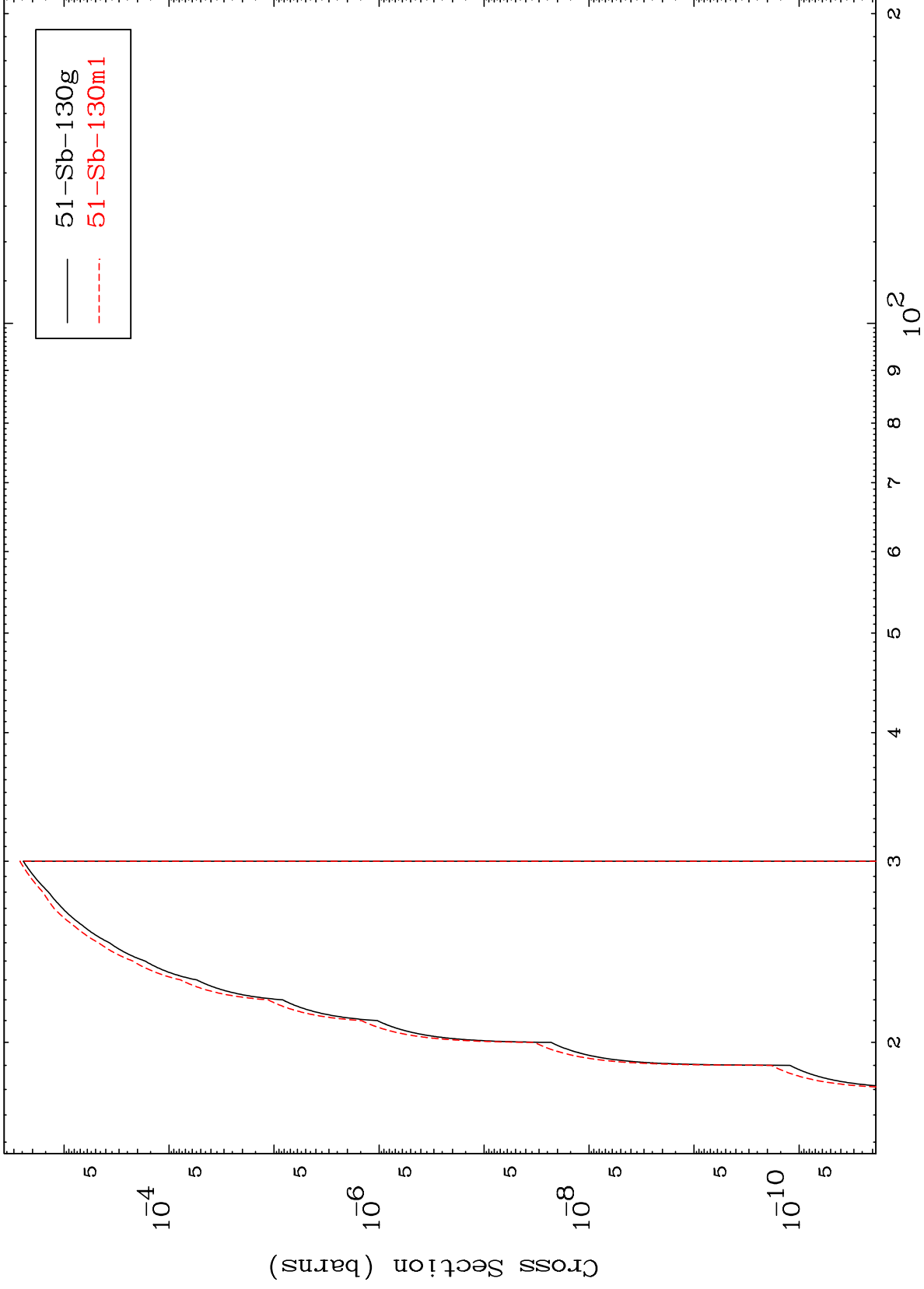
⁵²Te-132

MAT 5261

(n,n') d

52-Te-132

Radionuclide Production Cross Section



135

Incident Energy (MeV)

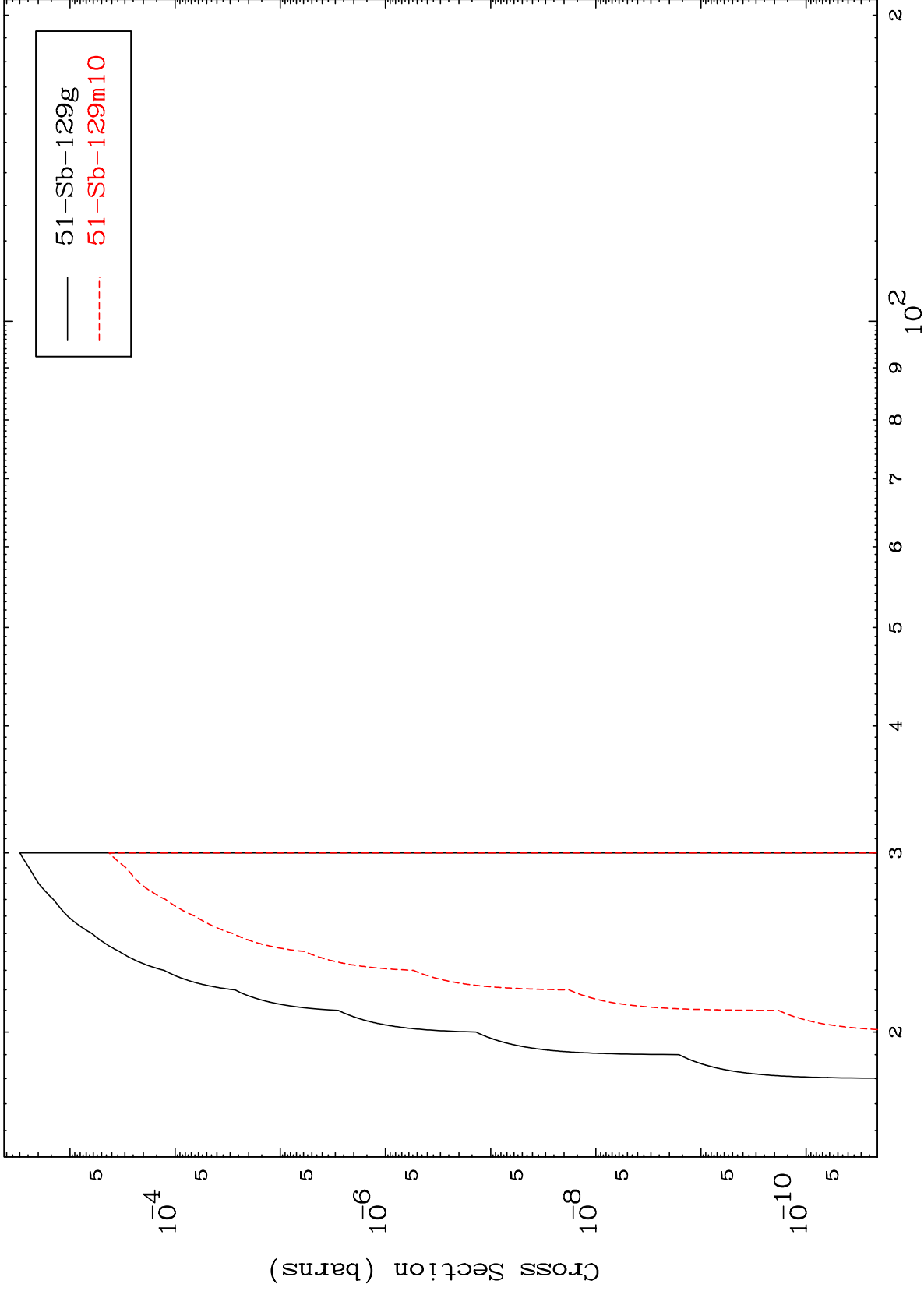
52-Te-132

MAT 5261

(n,n') t

52-Te-132

Radionuclide Production Cross Section



136

Incident Energy (MeV)

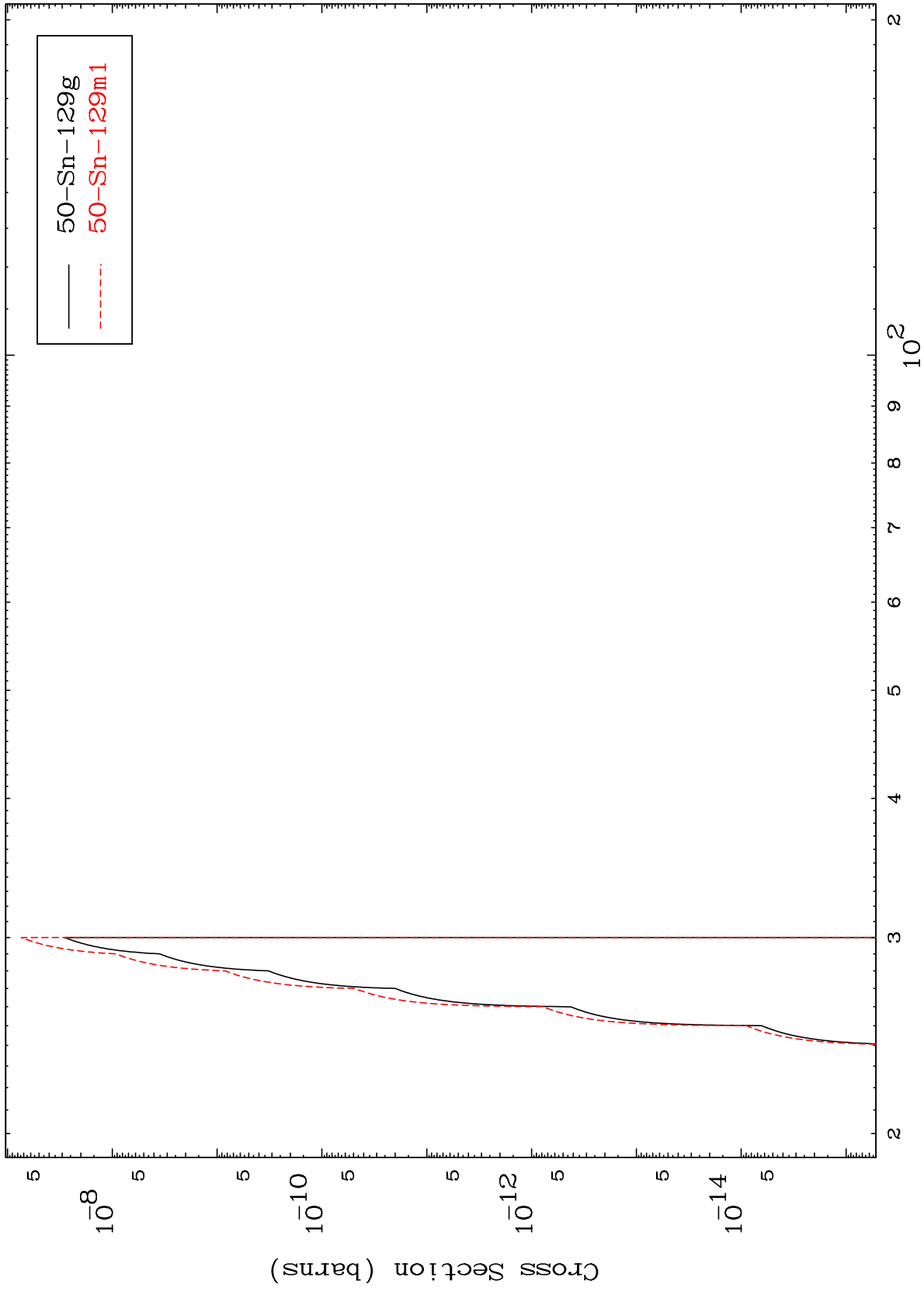
52-Te-132

MAT 5261

(n, n') He-3

52-Te-132

Radionuclide Production Cross Section



137

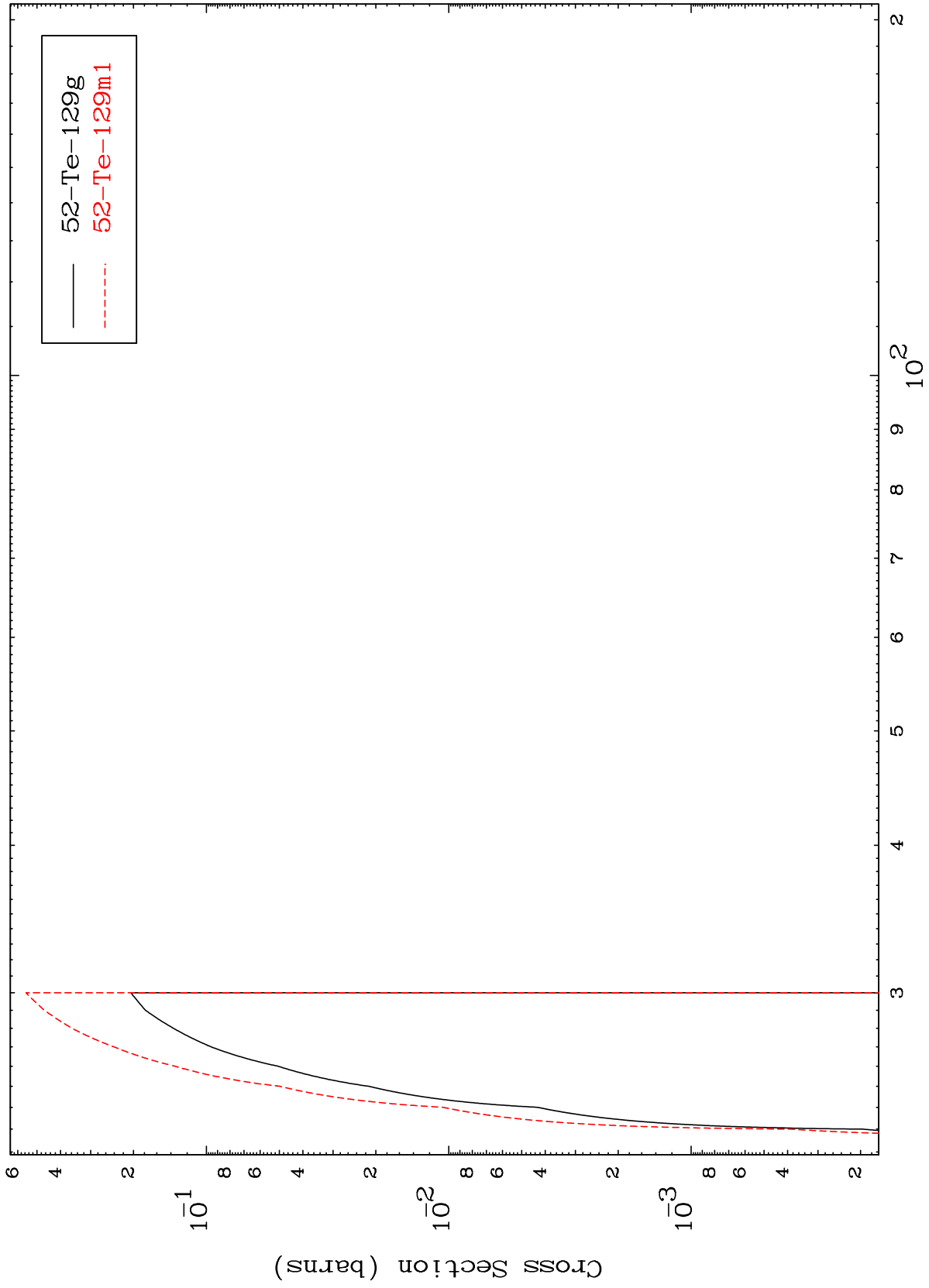
Incident Energy (MeV)

52-Te-132

MAT 5261

52-Te-132

(n,4n)
Radionuclide Production Cross Section



138

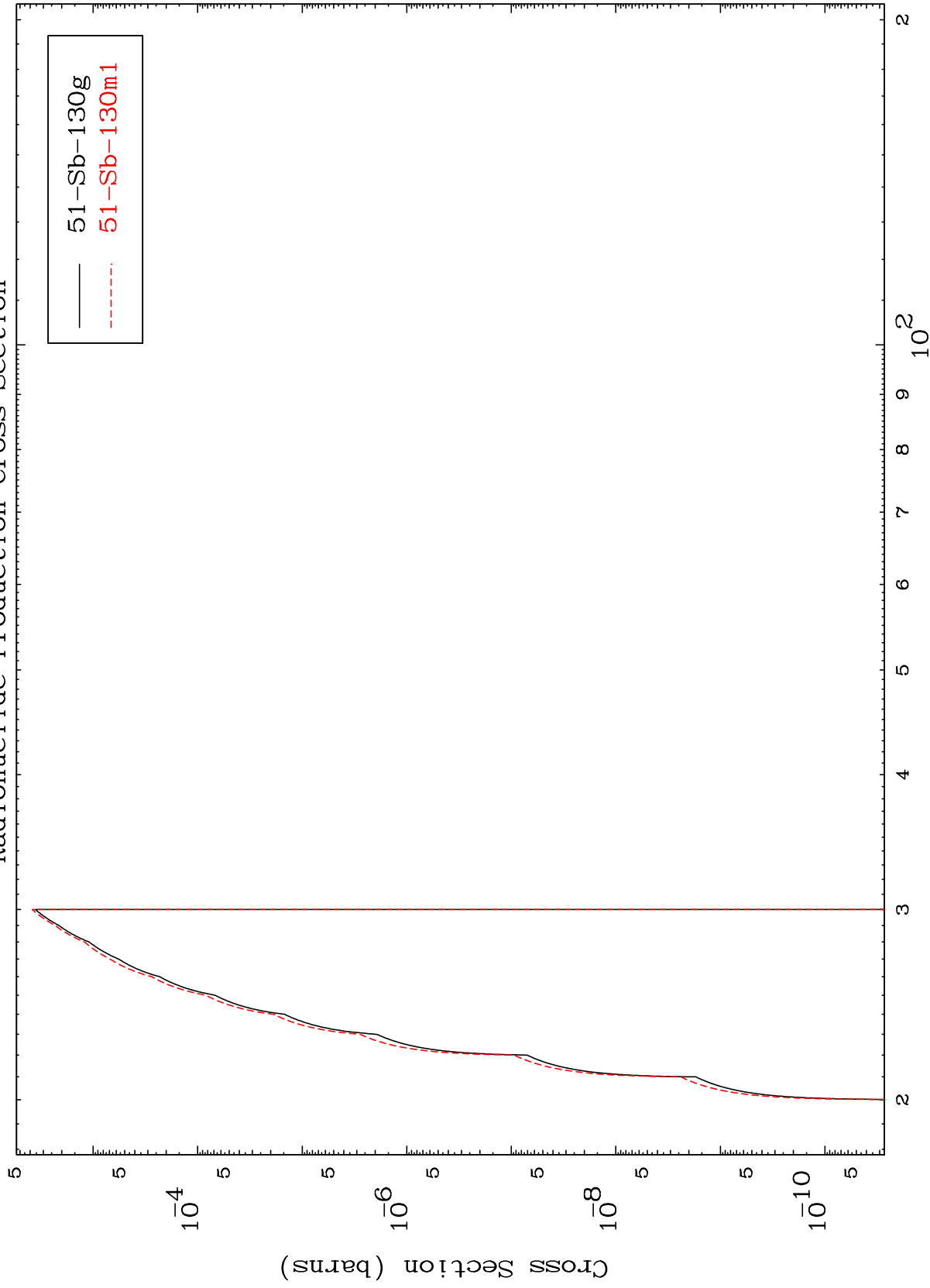
52-Te-132

MAT 5261

(n,2n) p

52-Te-132

Radionuclide Production Cross Section



139

Incident Energy (MeV)

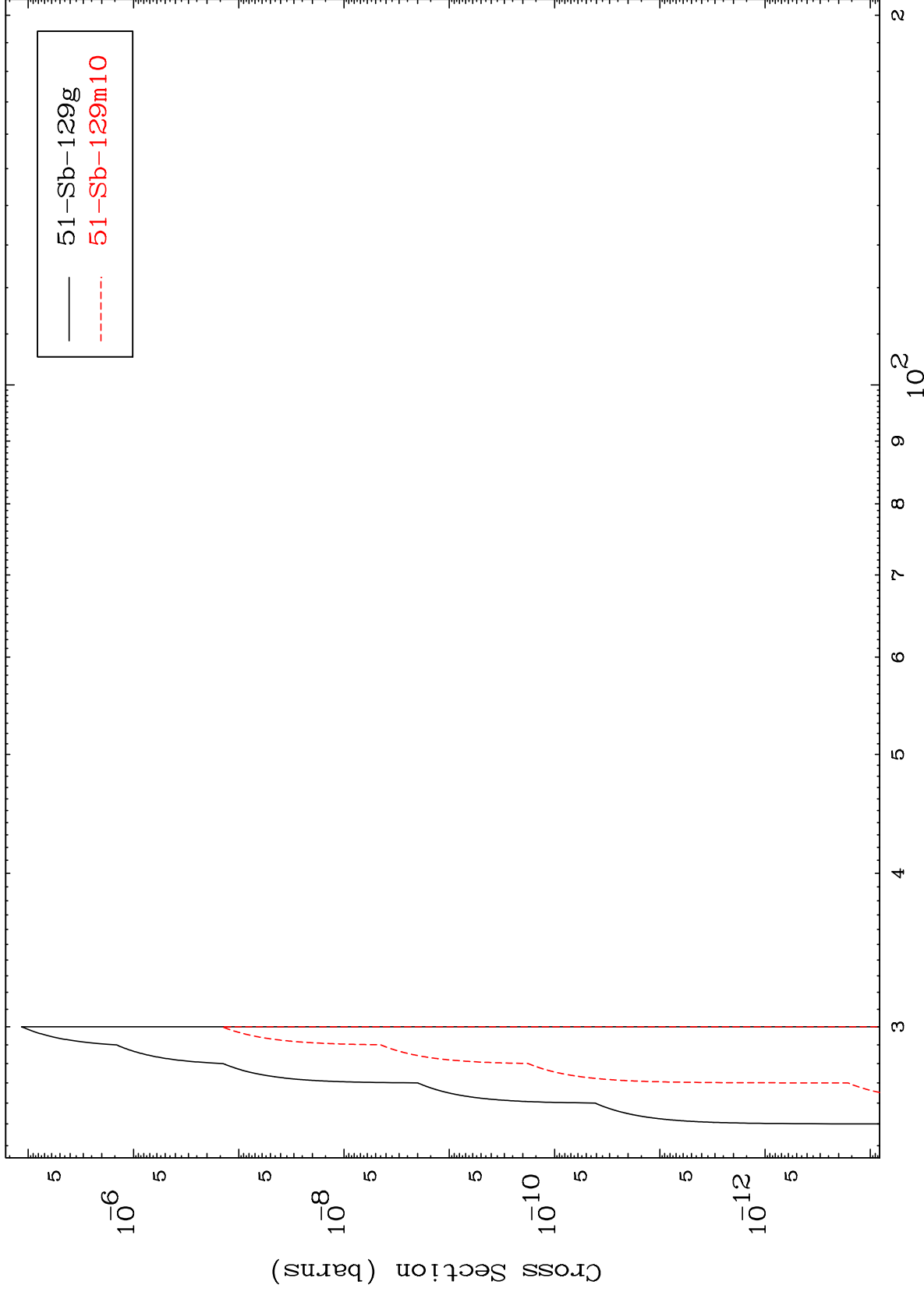
52-Te-132

MAT 5261

(n,3n) p

52-Te-132

Radionuclide Production Cross Section



140

Incident Energy (MeV)

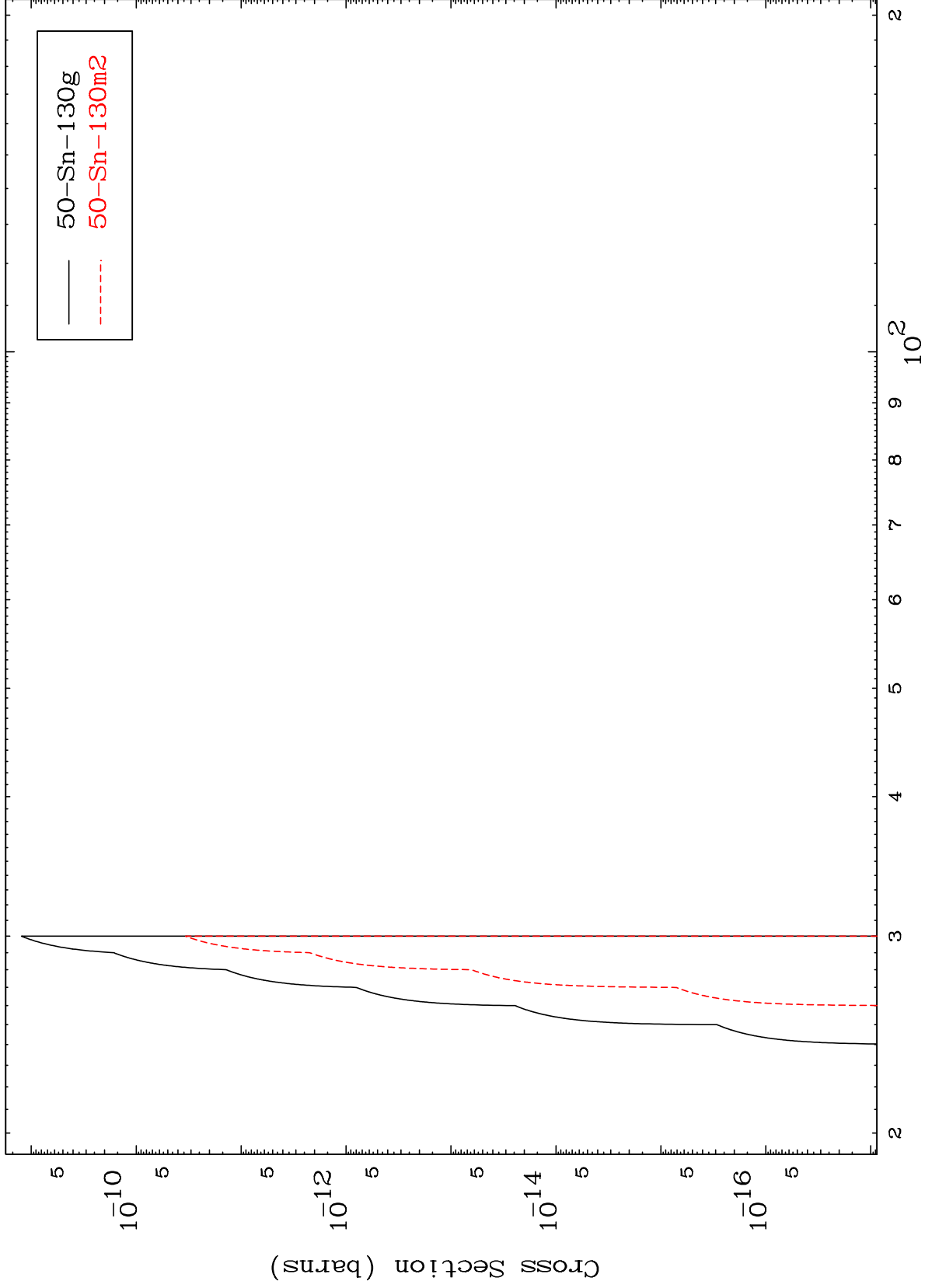
52-Te-132

MAT 5261

(n,2n) p

⁵²Te-132

Radionuclide Production Cross Section



141

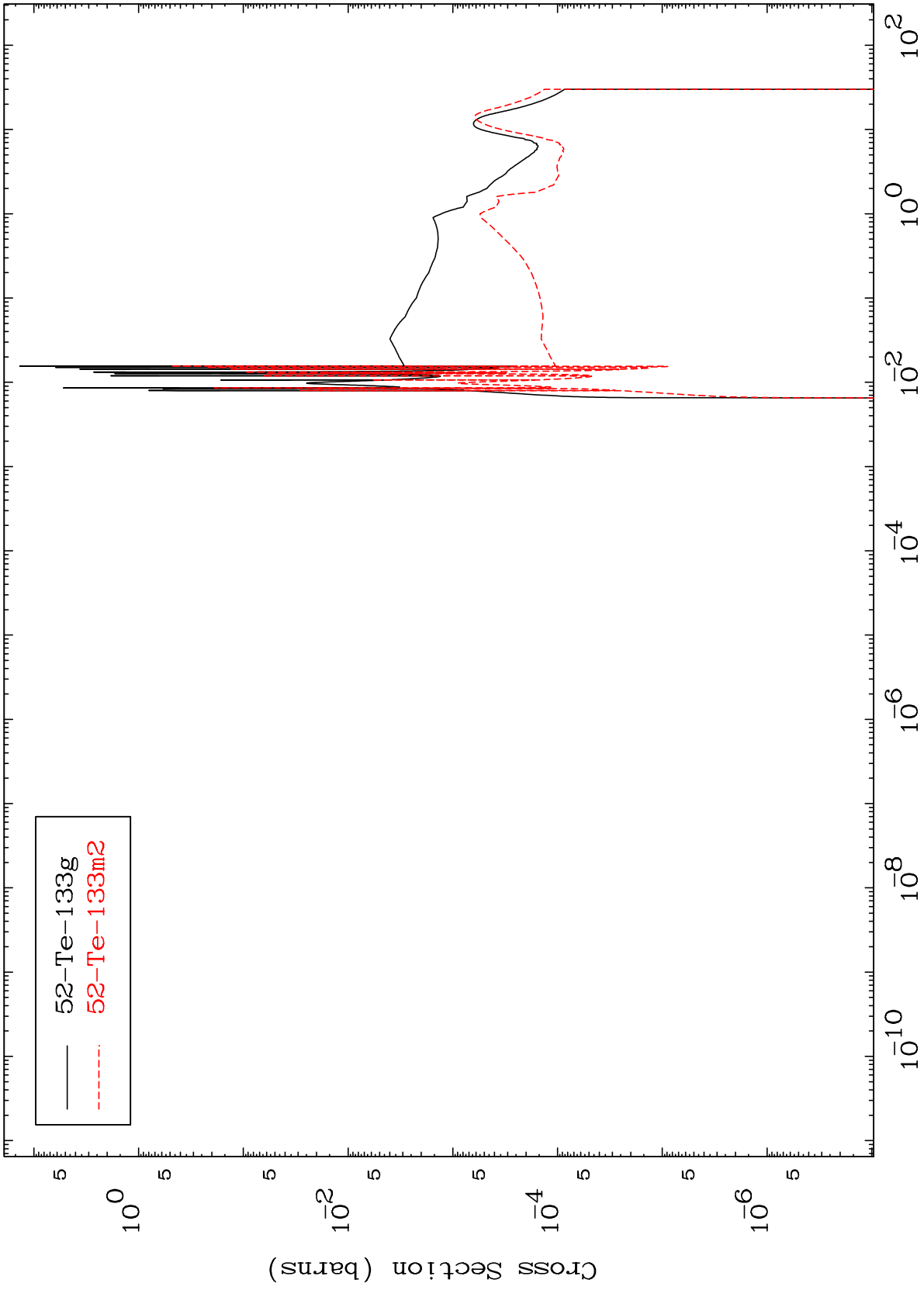
Incident Energy (MeV)

⁵²Te-132

MAT 5261

⁵²Te-132

Radionuclide Production Cross Section
(n,γ)



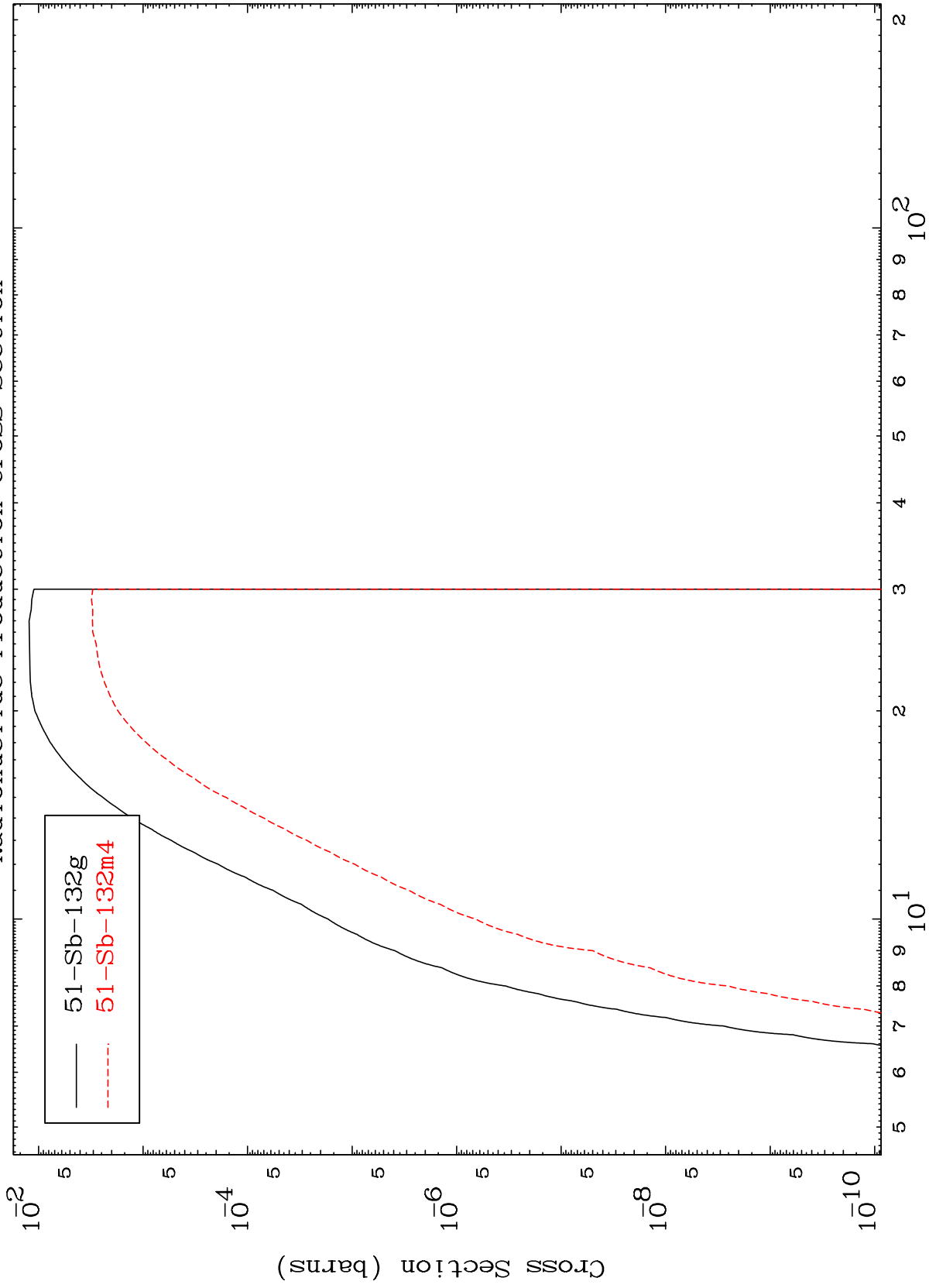
142

⁵²Te-132

MAT 5261

52-Te-132

Radionuclide Production Cross Section (n,p)



143

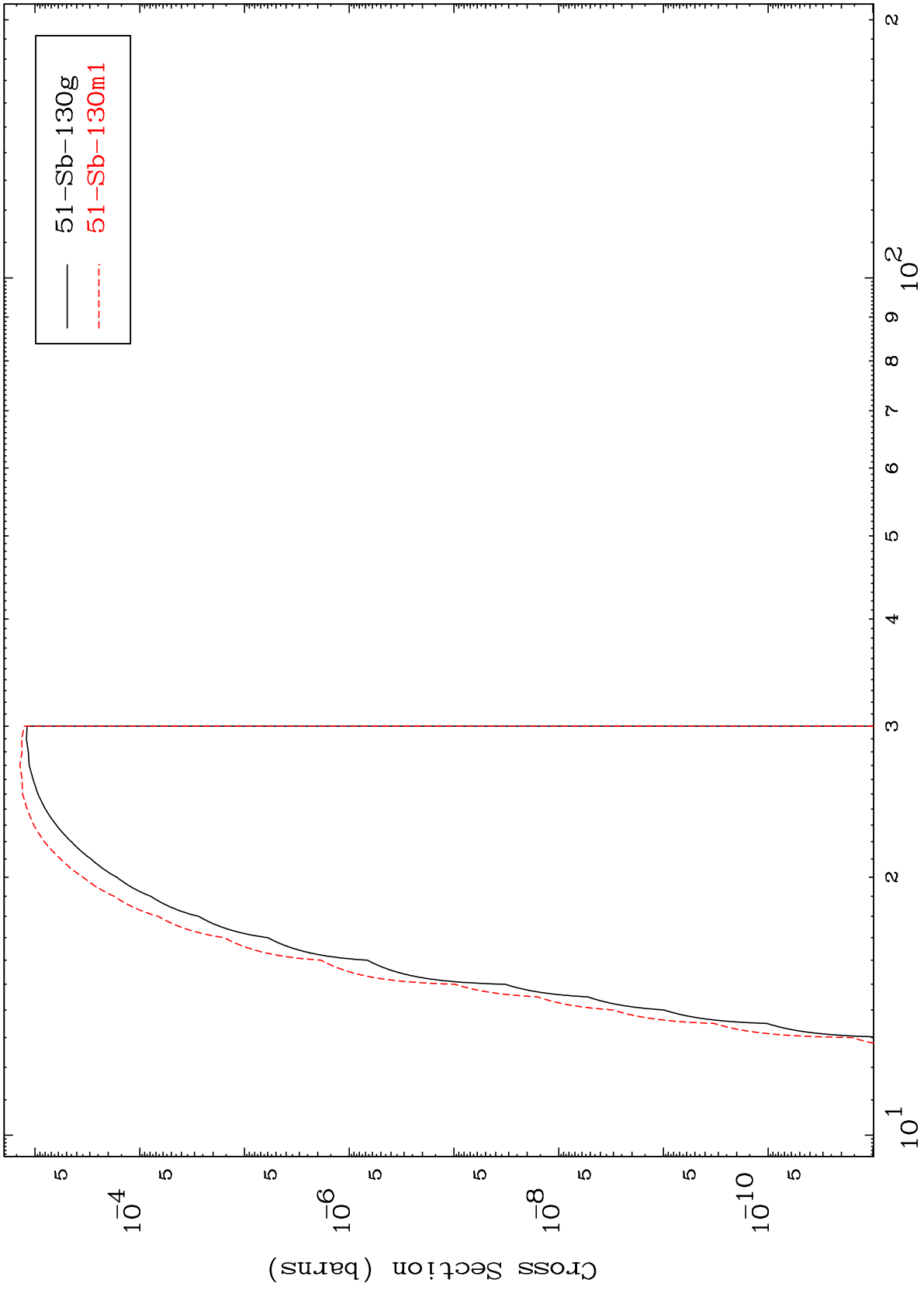
Incident Energy (MeV)

52-Te-132

MAT 5261

52-Te-132

(n, t)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

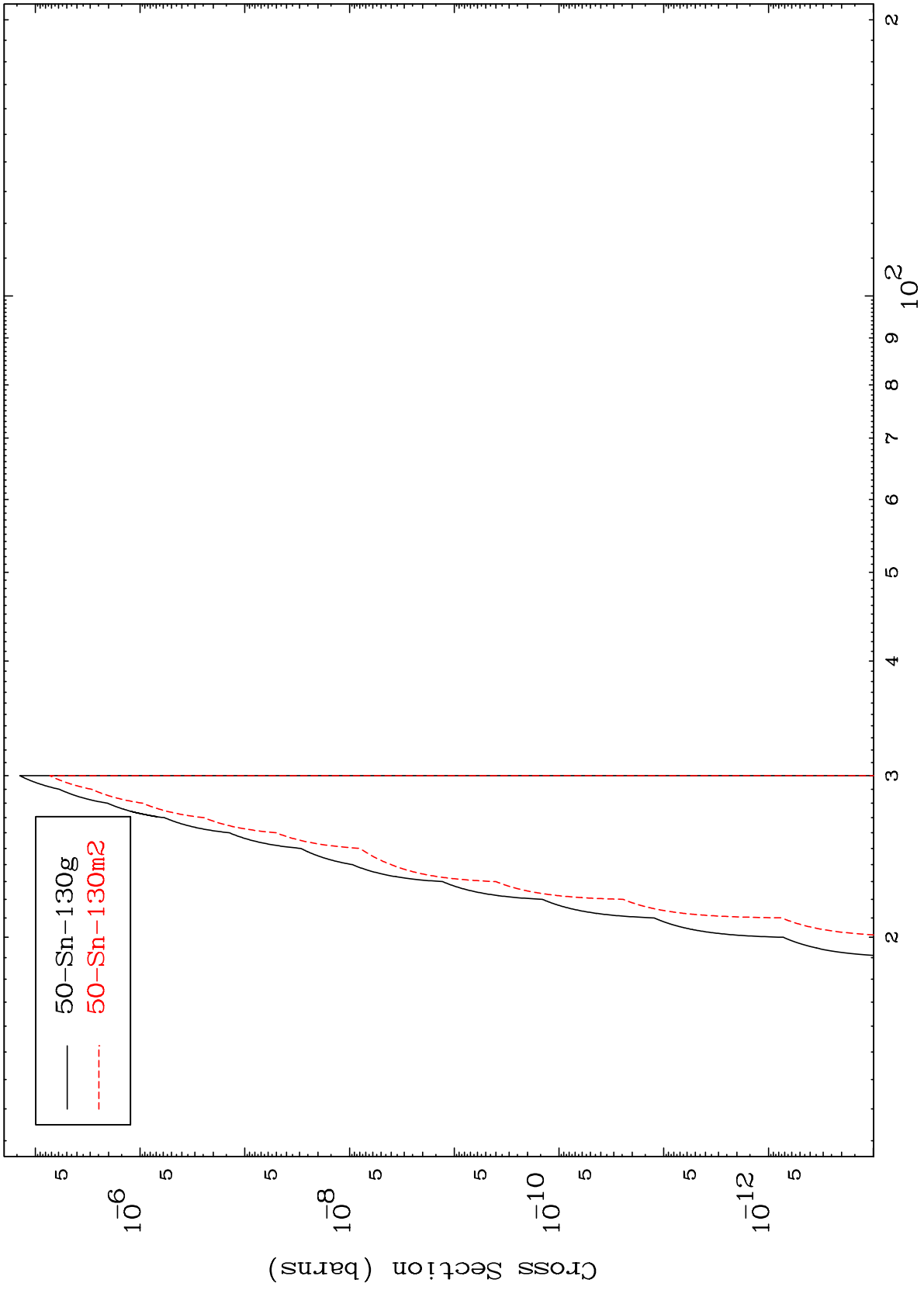
52-Te-132

MAT 5261

(n, He-3)

52-Te-132

Radionuclide Production Cross Section



50-Sn-130g
50-Sn-130m2

145

Incident Energy (MeV)

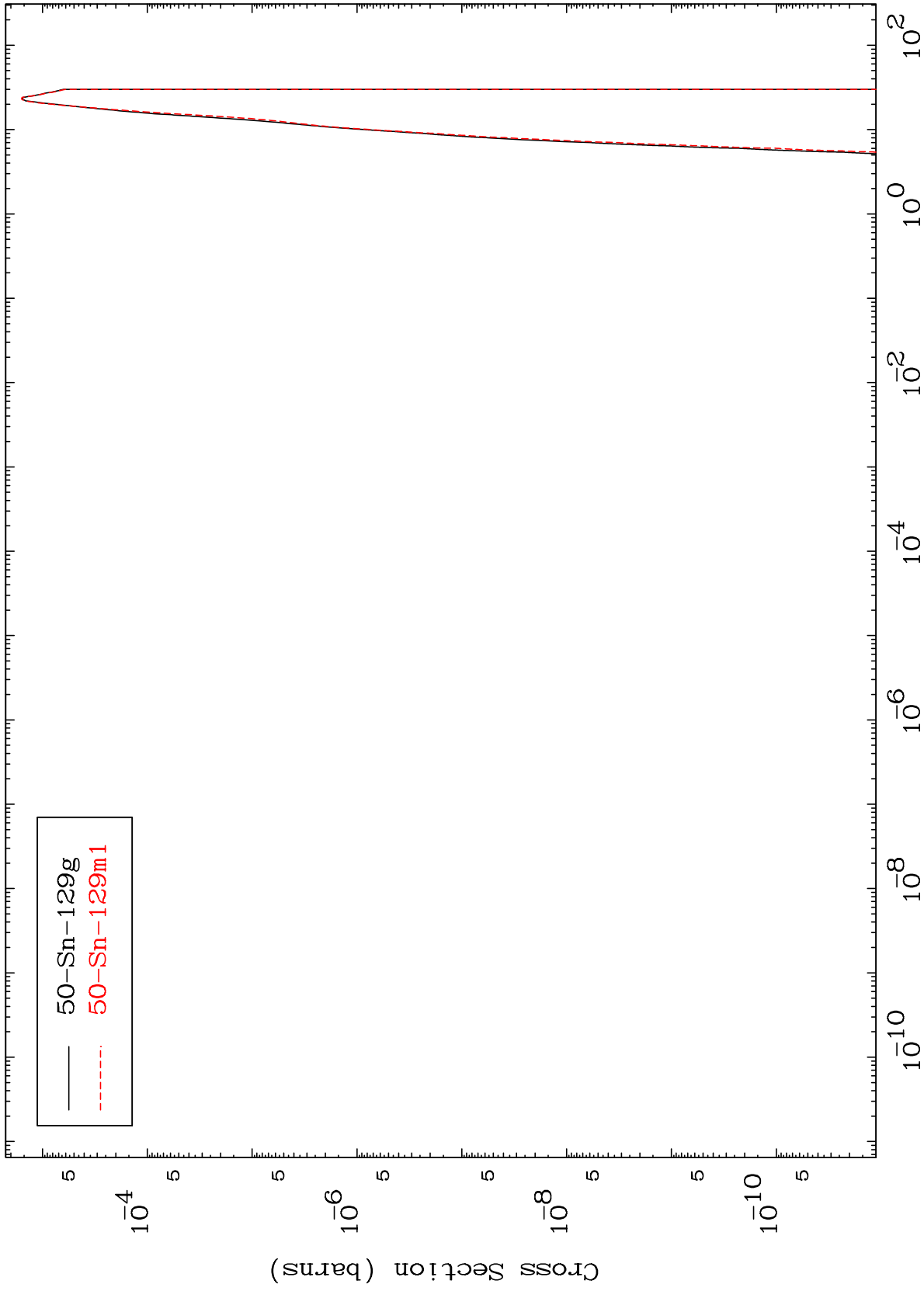
52-Te-132

MAT 5261

(n, α)

⁵²Te-132

Radionuclide Production Cross Section



146

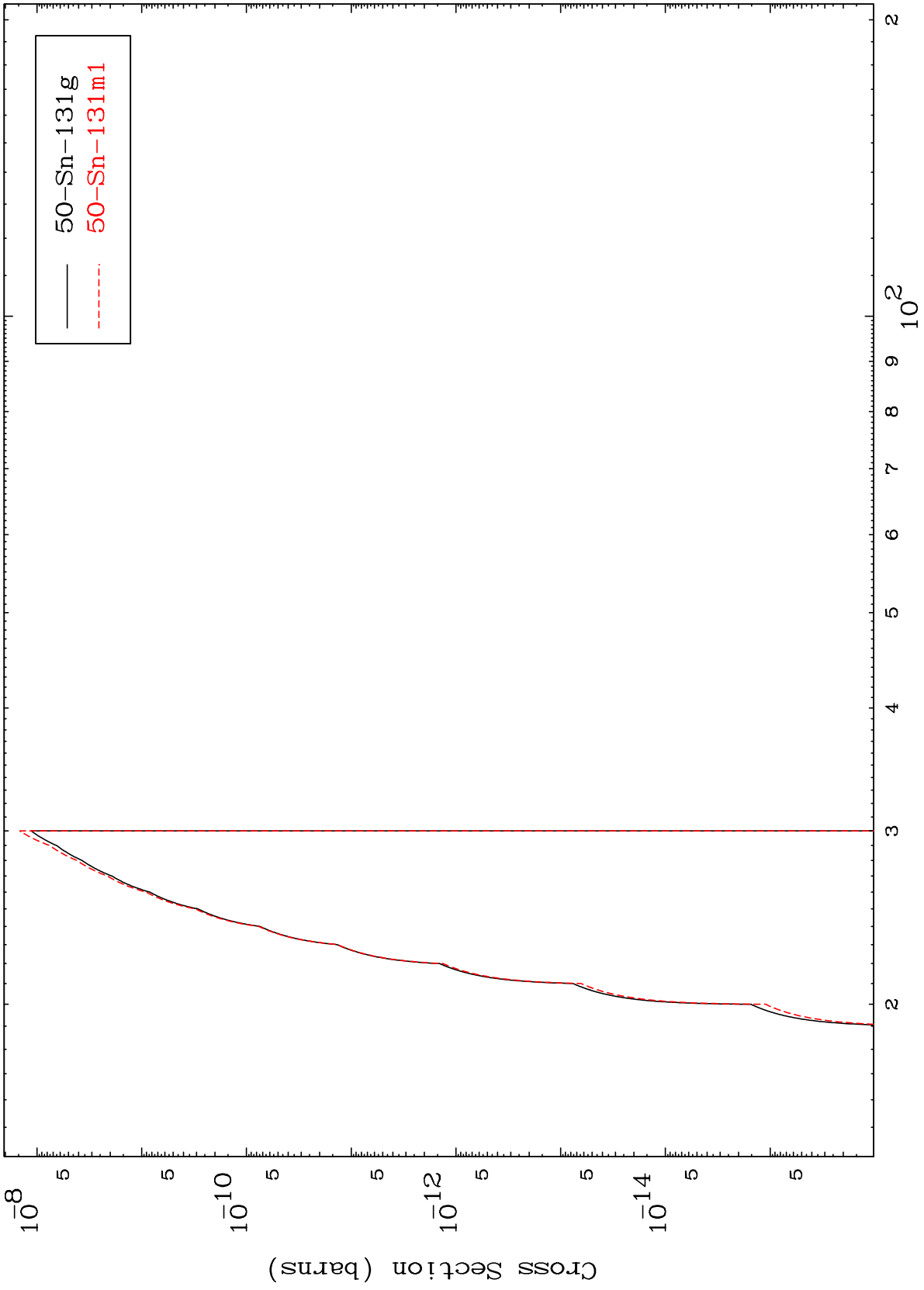
Incident Energy (MeV)

⁵²Te-132

MAT 5261

52-Te-132

(n,2p)
Radionuclide Production Cross Section



147

52-Te-132