

Program EVALPLOT
(Version 2018-1)

by

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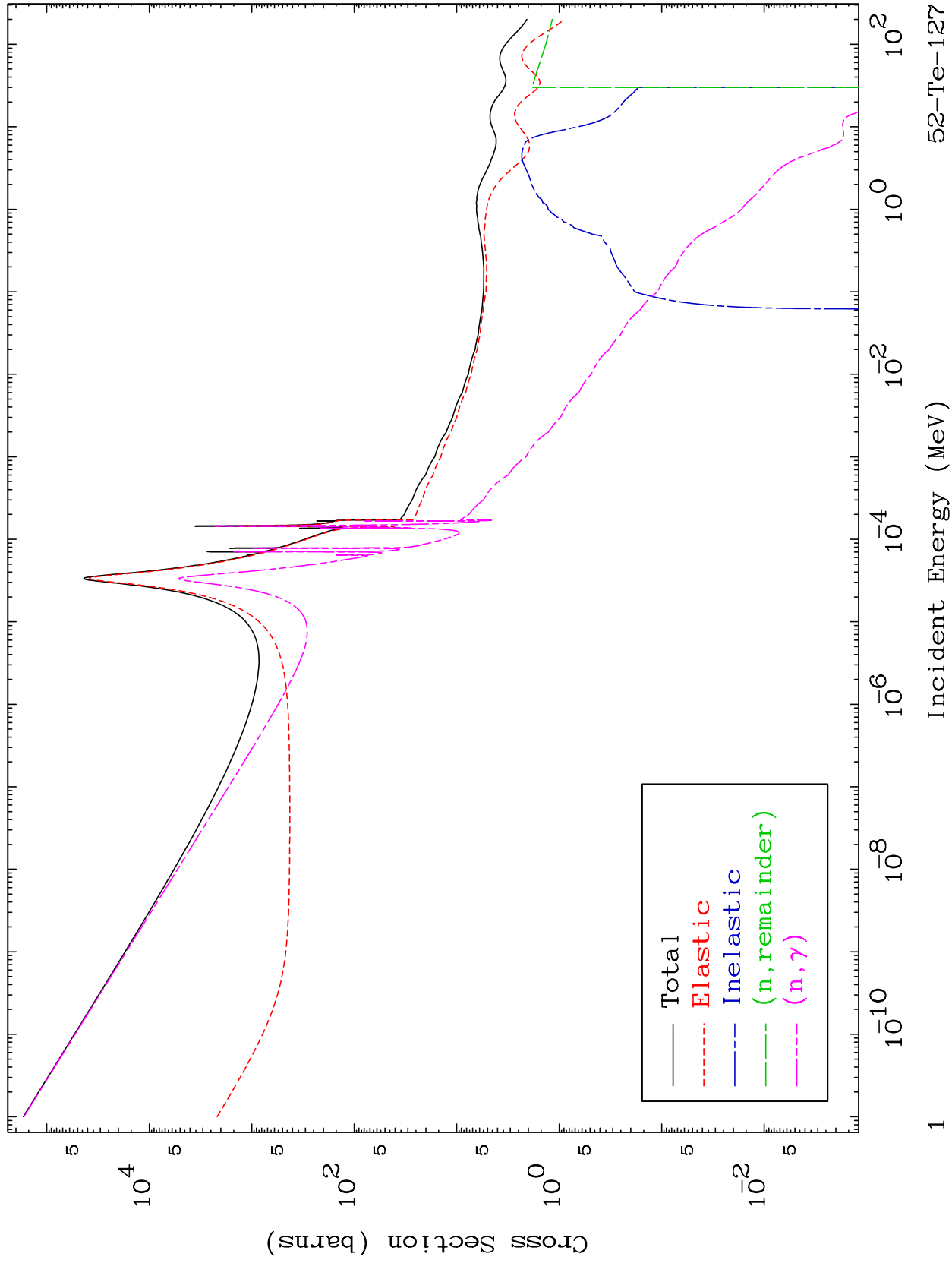
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5246

Major
293 Kelvin Cross Sections

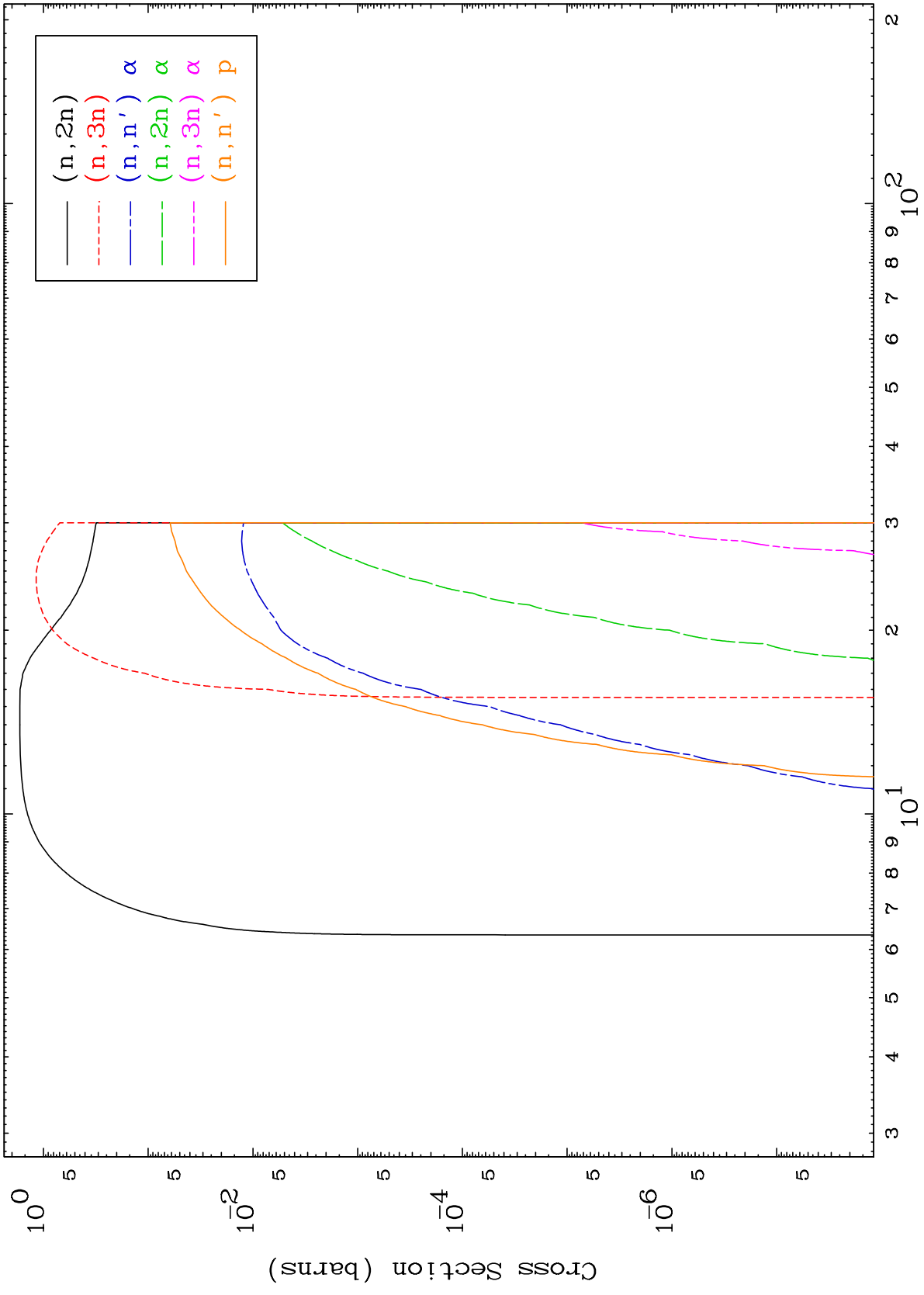
52-Te-127



MAT 5246

Neutron Production
293 Kelvin Cross Sections

52-Te-127



52-Te-127

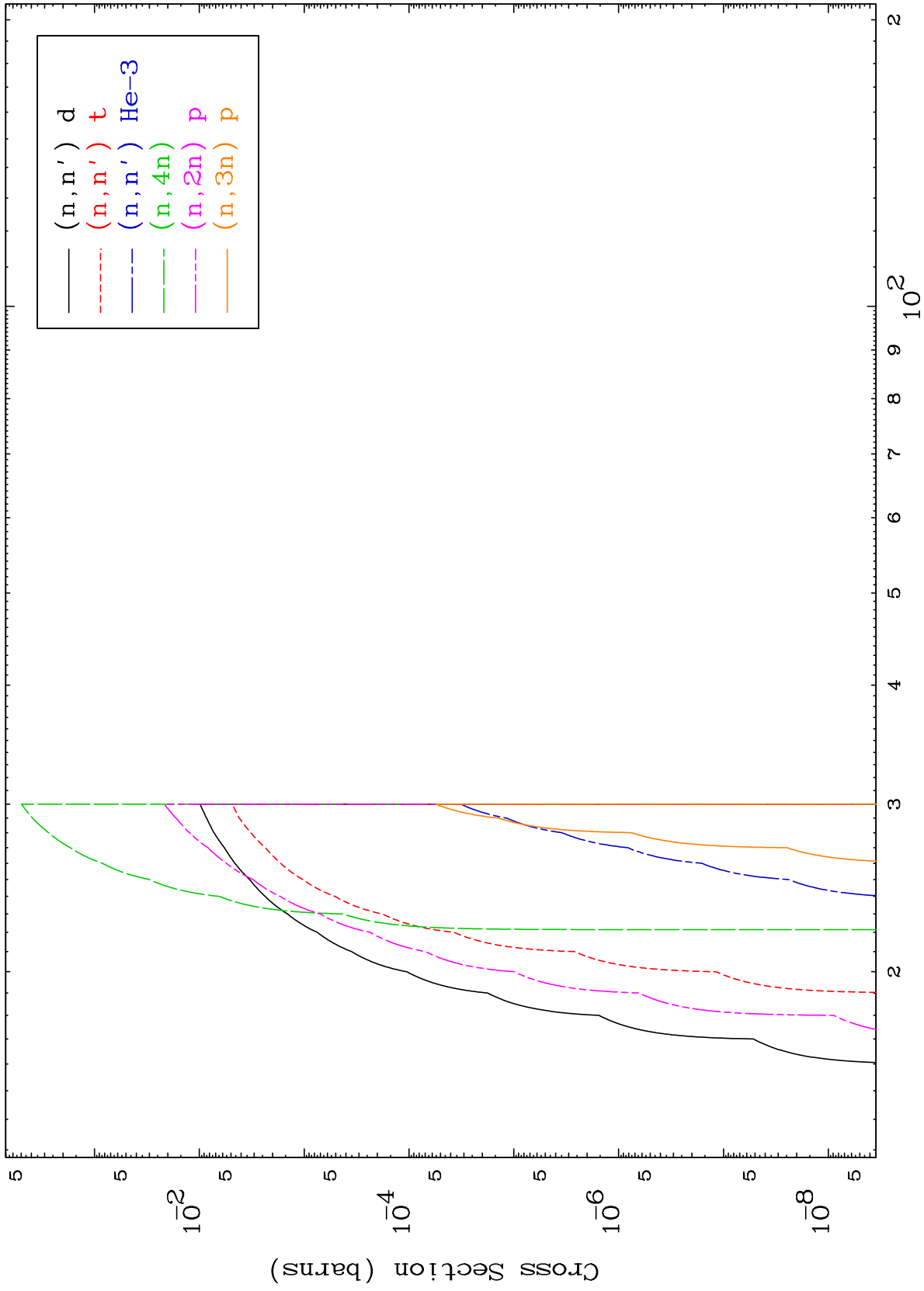
Incident Energy (MeV)

2

MAT 5246

Neutron Production
293 Kelvin Cross Sections

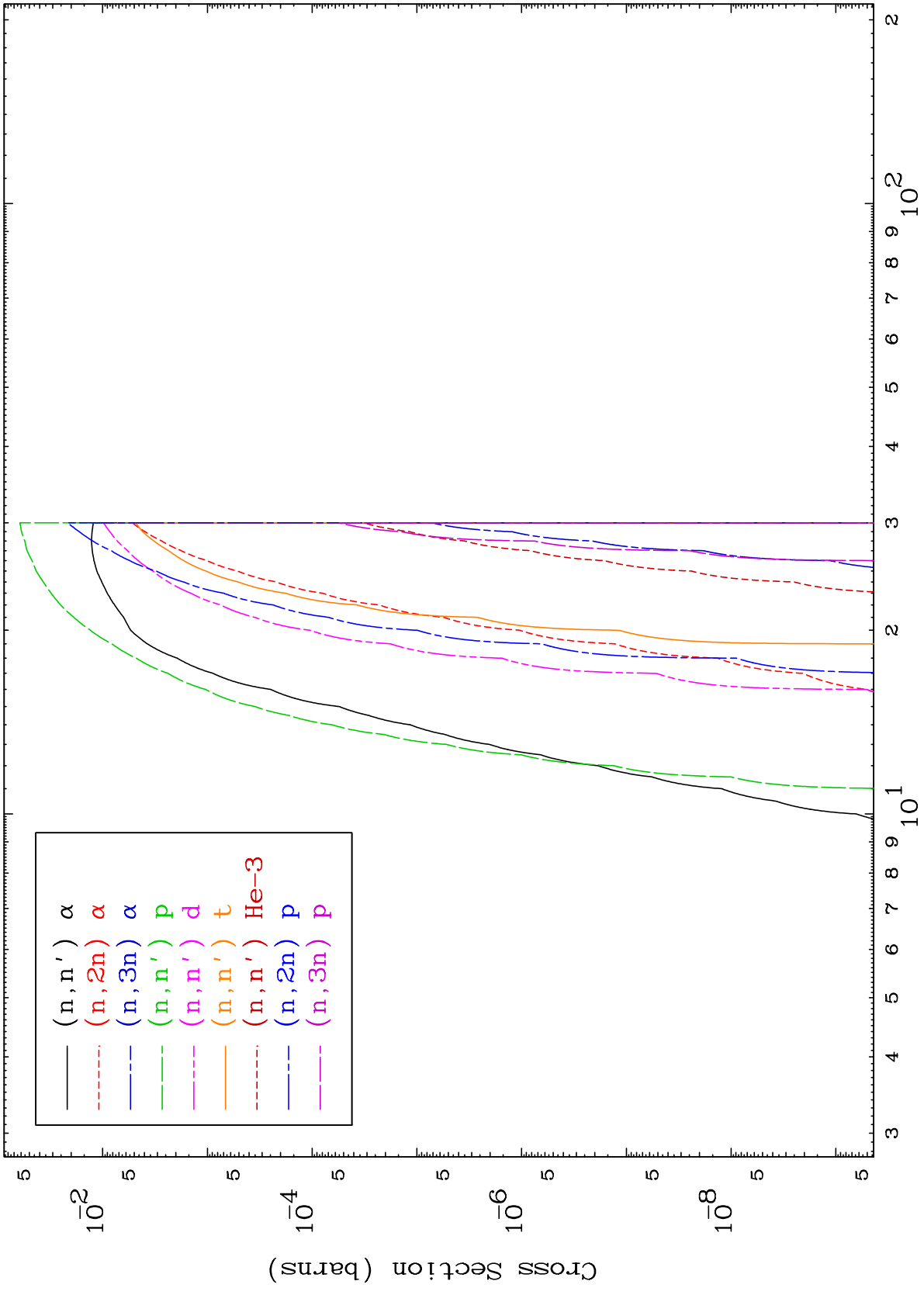
52-Te-127



3

Incident Energy (MeV)

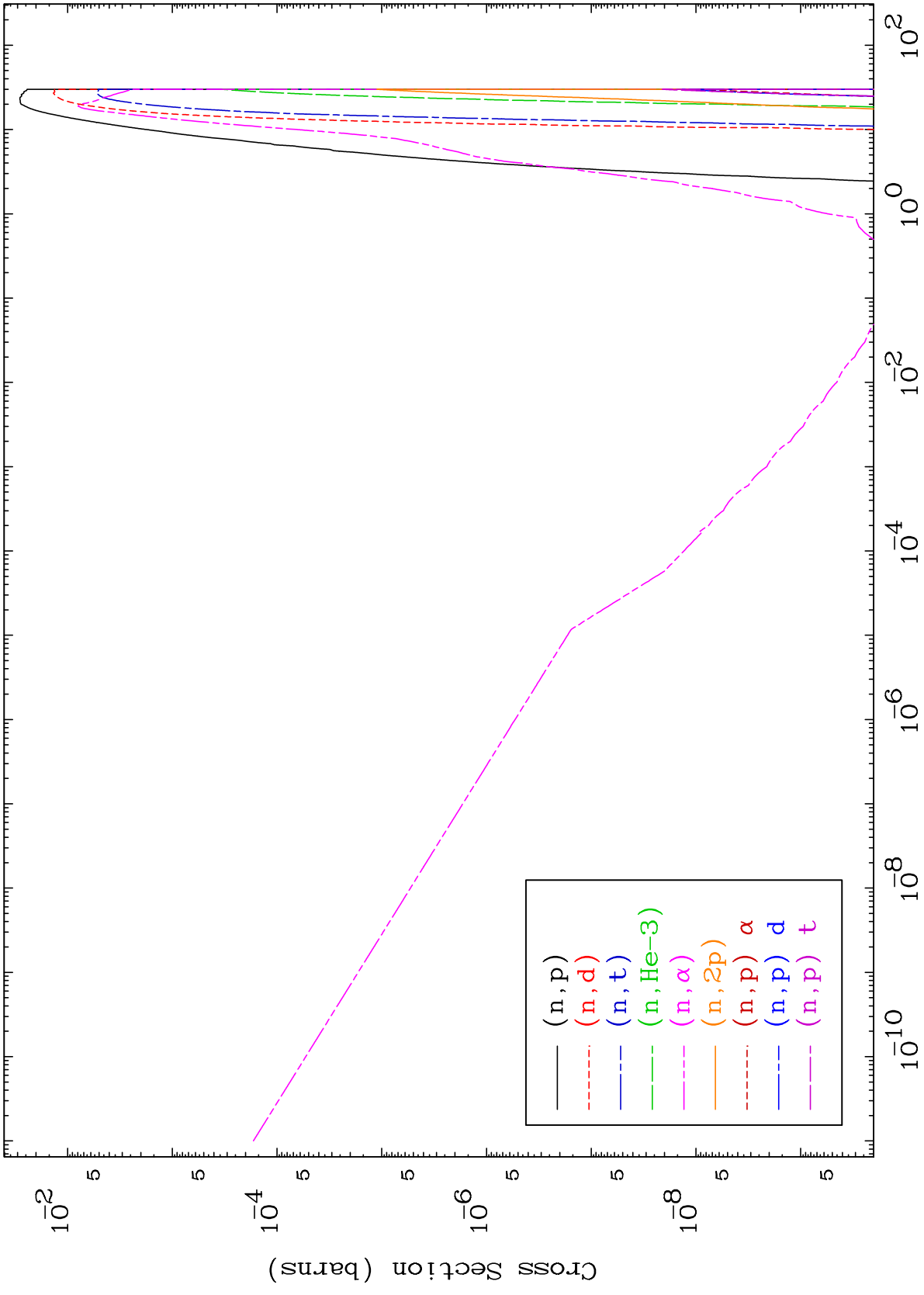
52-Te-127



MAT 5246

Charged Particle
293 Kelvin Cross Sections

52-Te-127

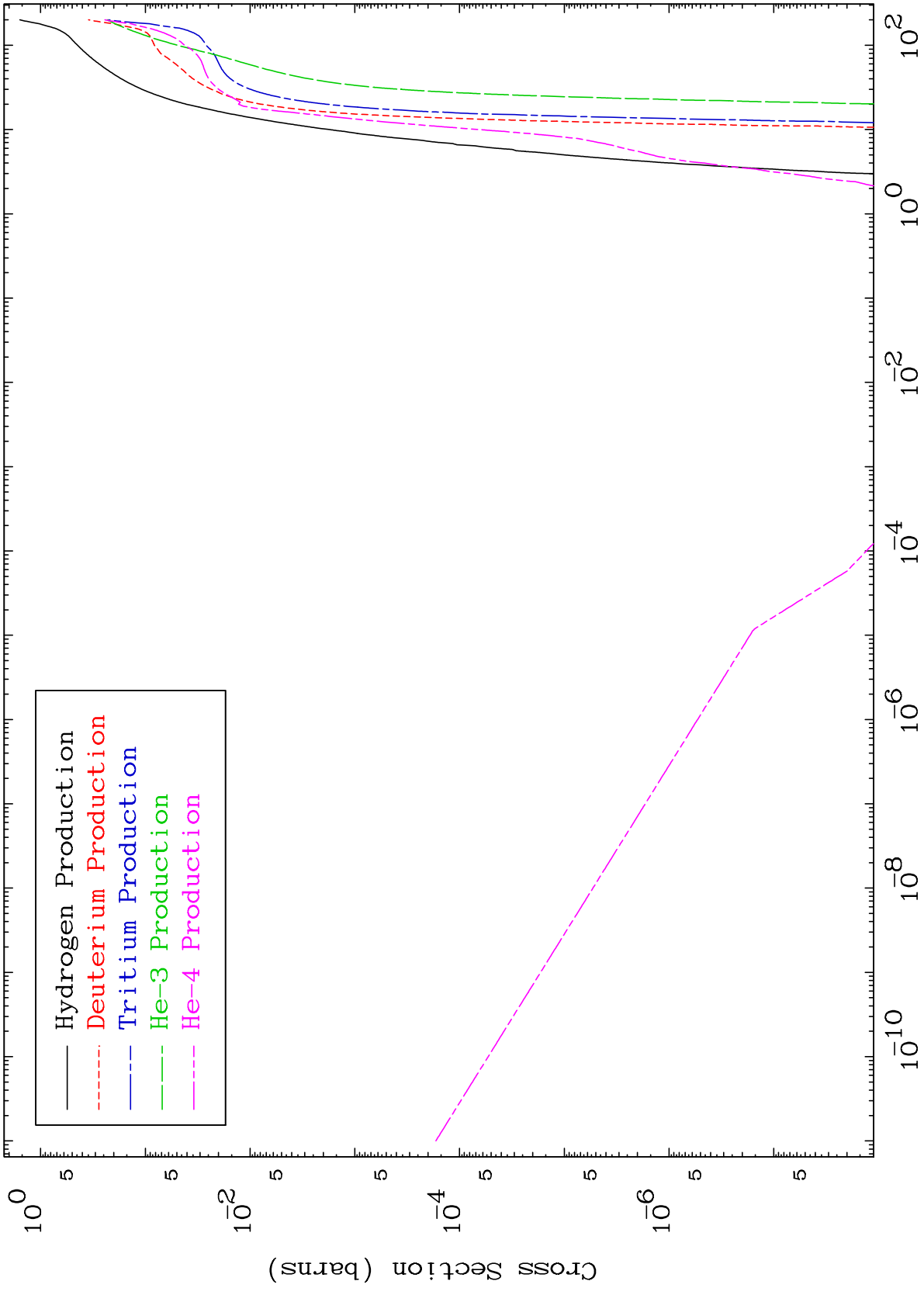


52-Te-127

MAT 5246

Particle Production
293 Kelvin Cross Sections

52-Te-127



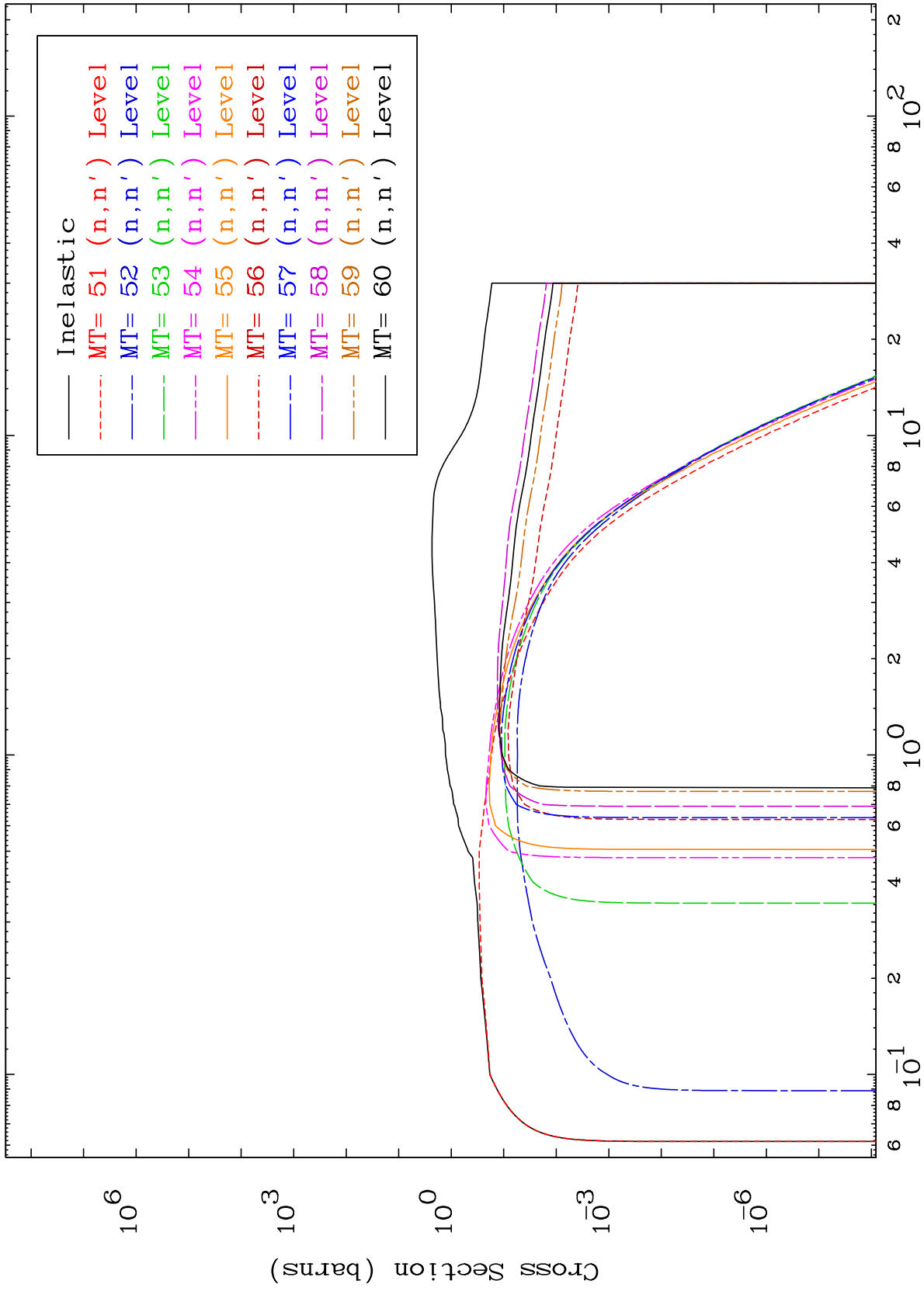
52-Te-127

MAT 5246

(n,n') Level

52-Te-127

293 Kelvin Cross Sections



7

Incident Energy (MeV)

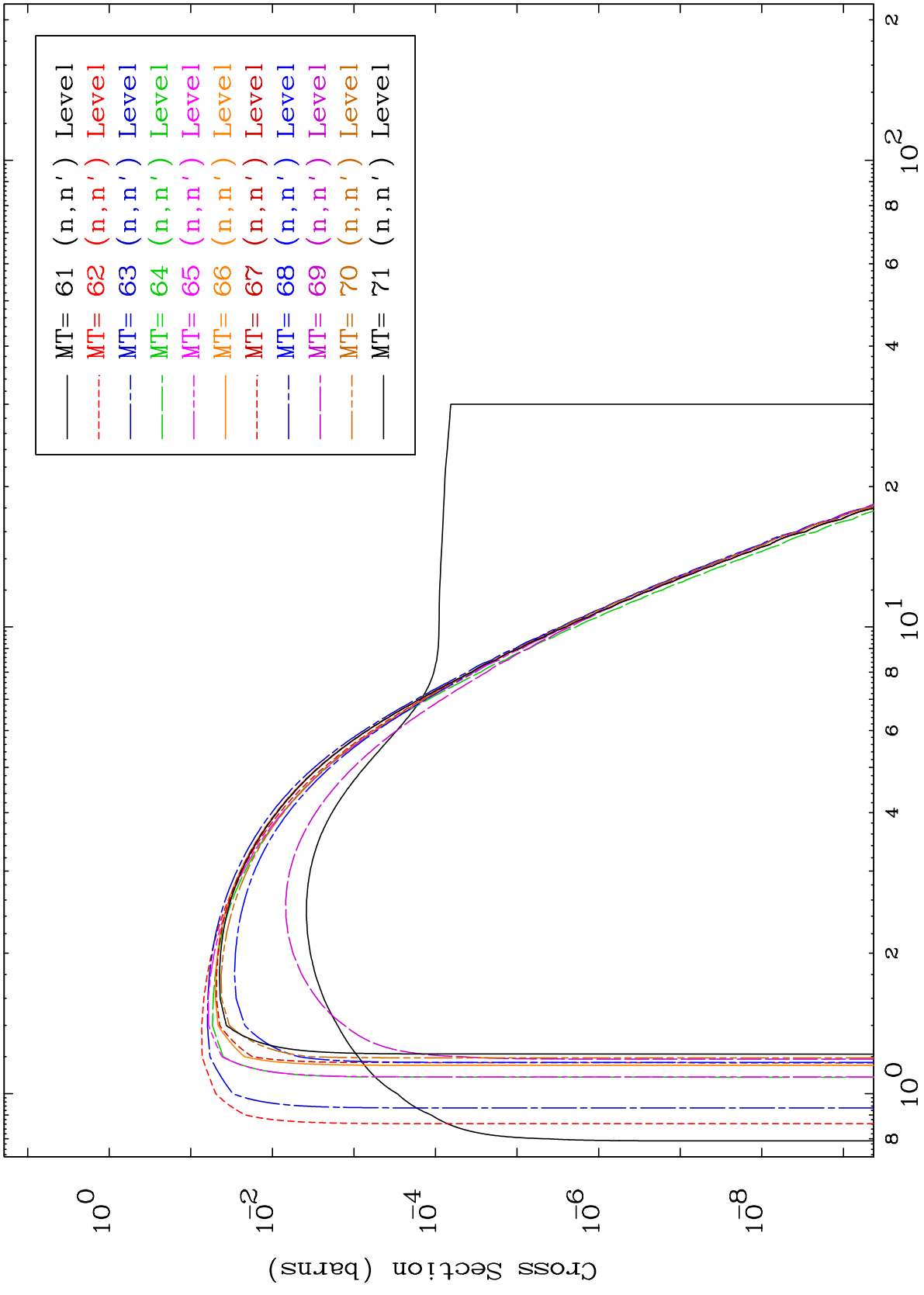
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MAT 5246

(n,n') Level

52-Te-127

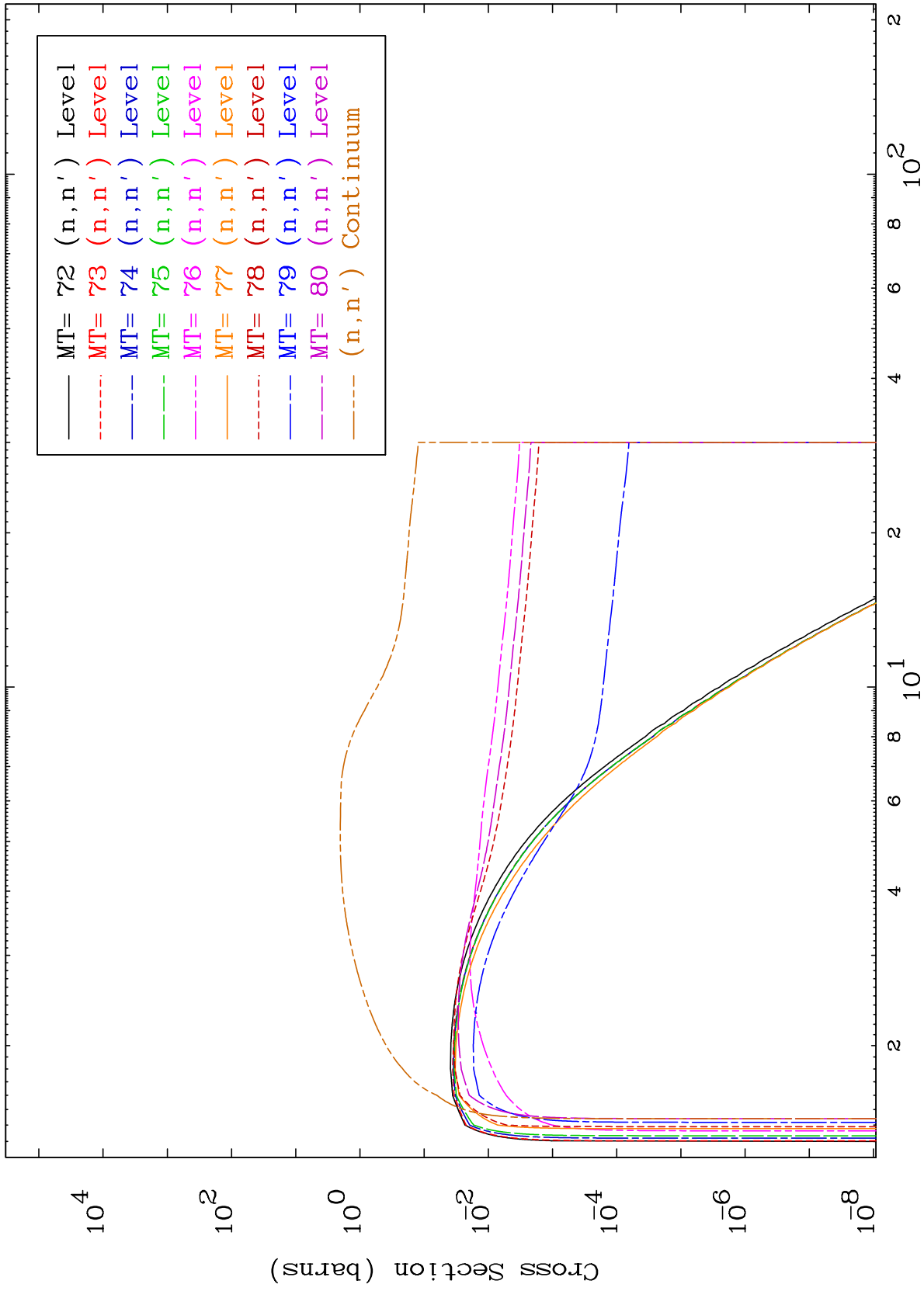
293 Kelvin Cross Sections



Incident Energy (MeV)

8

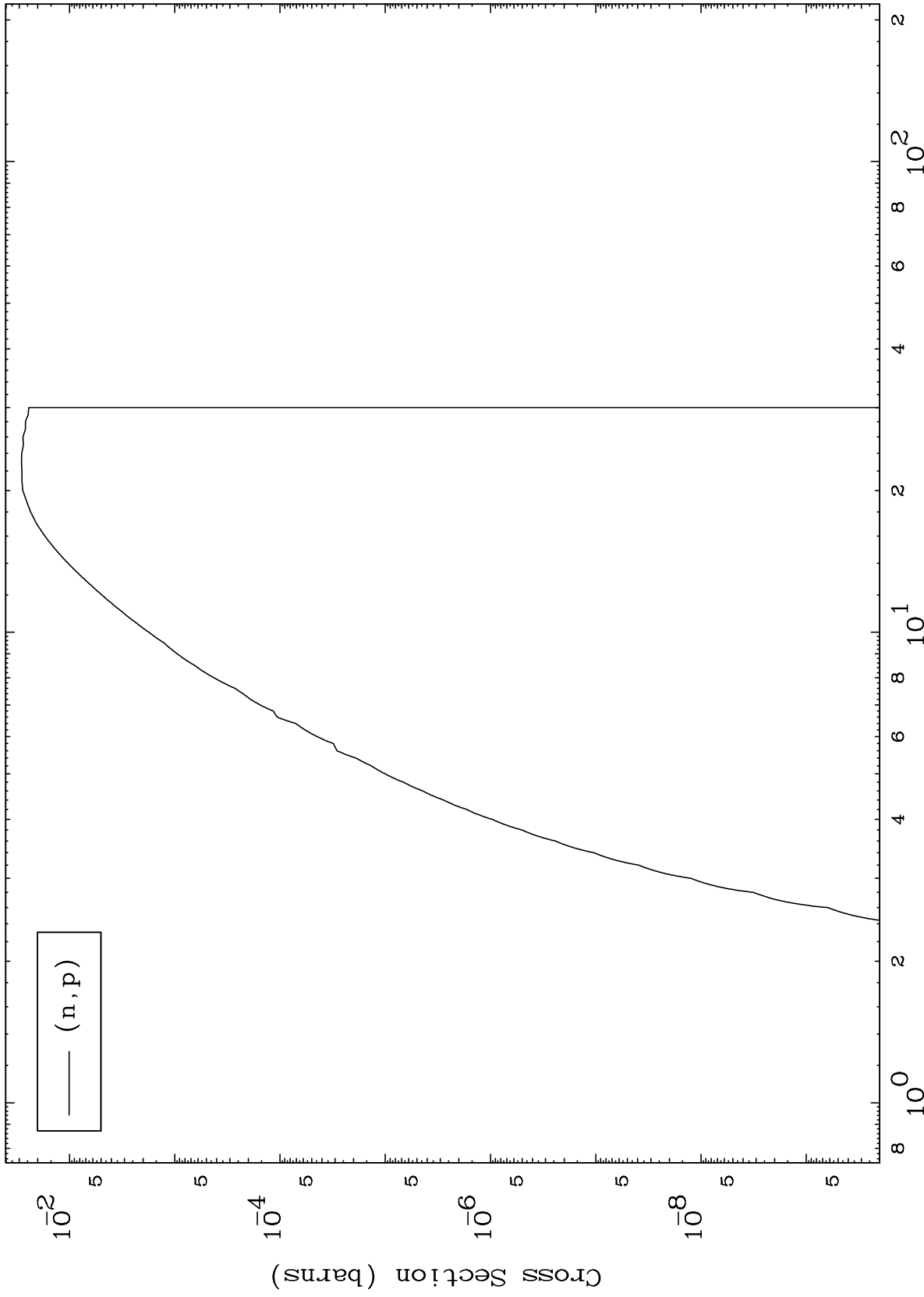
52-Te-127



MAT 5246

(n,p) Levels
293 Kelvin Cross Sections

52-Te-127



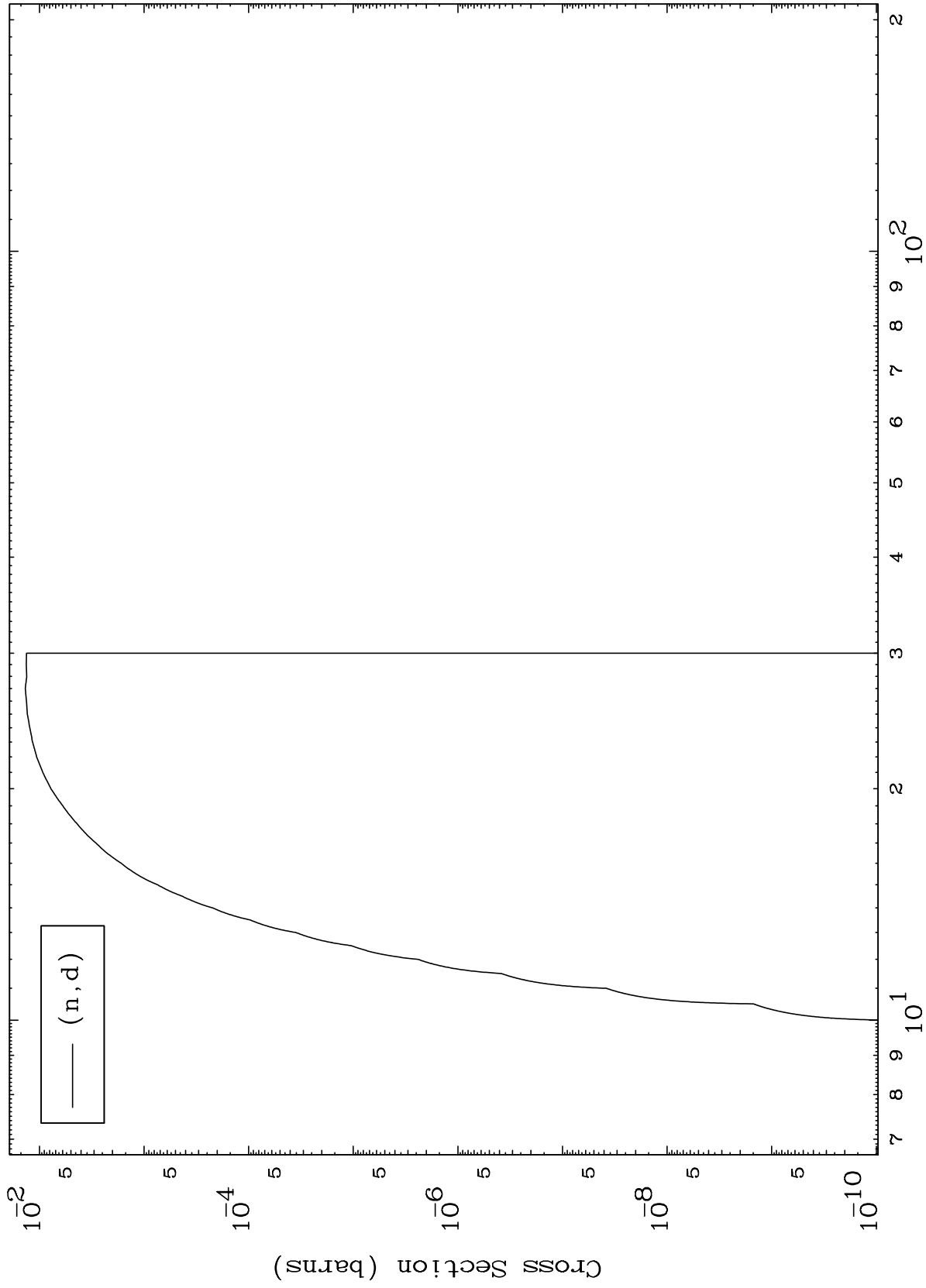
52-Te-127

52-Te-127

MAT 5246

(n,d) Levels
293 Kelvin Cross Sections

52-Te-127



11

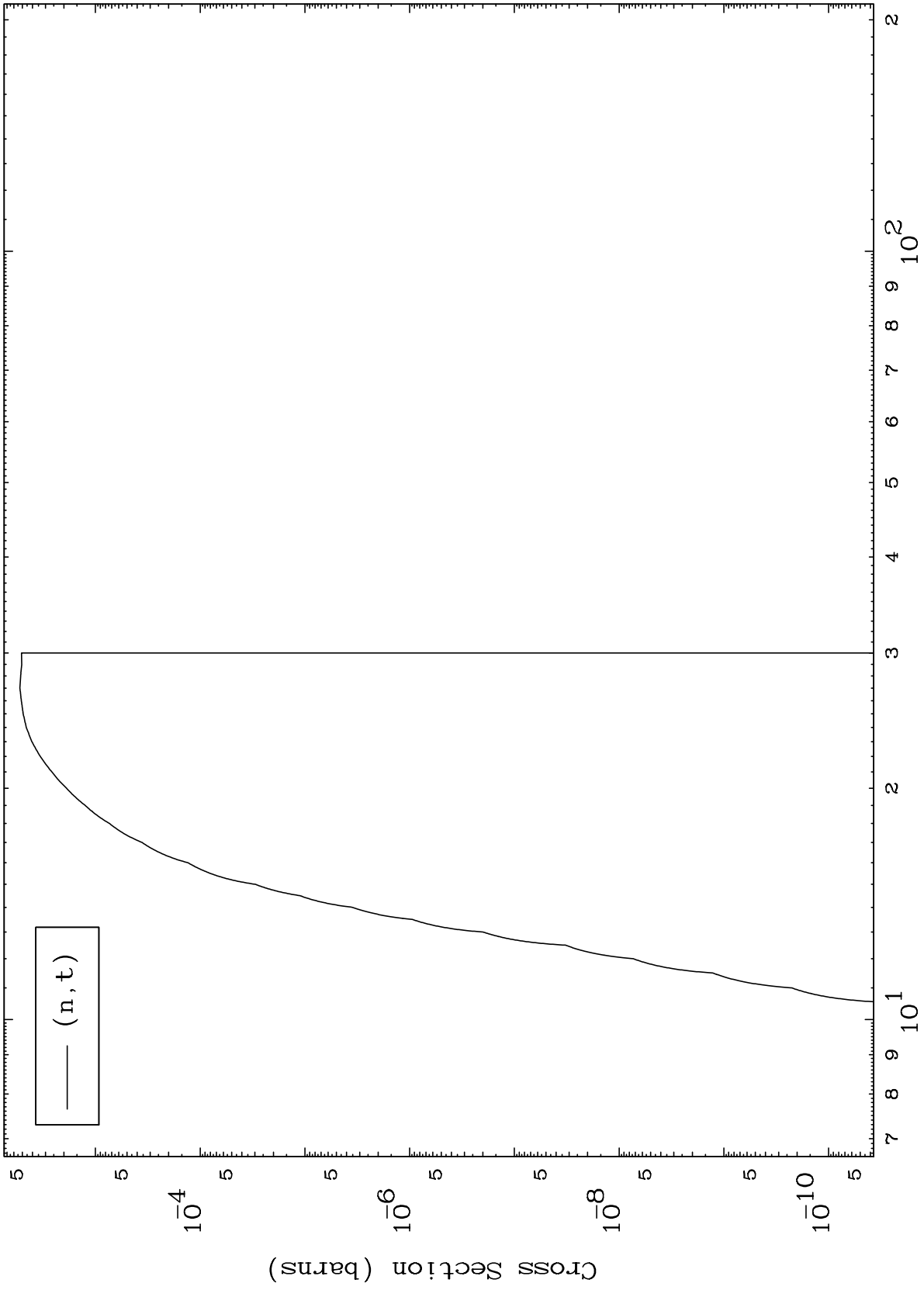
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,t) Levels
293 Kelvin Cross Sections

52-Te-127



12

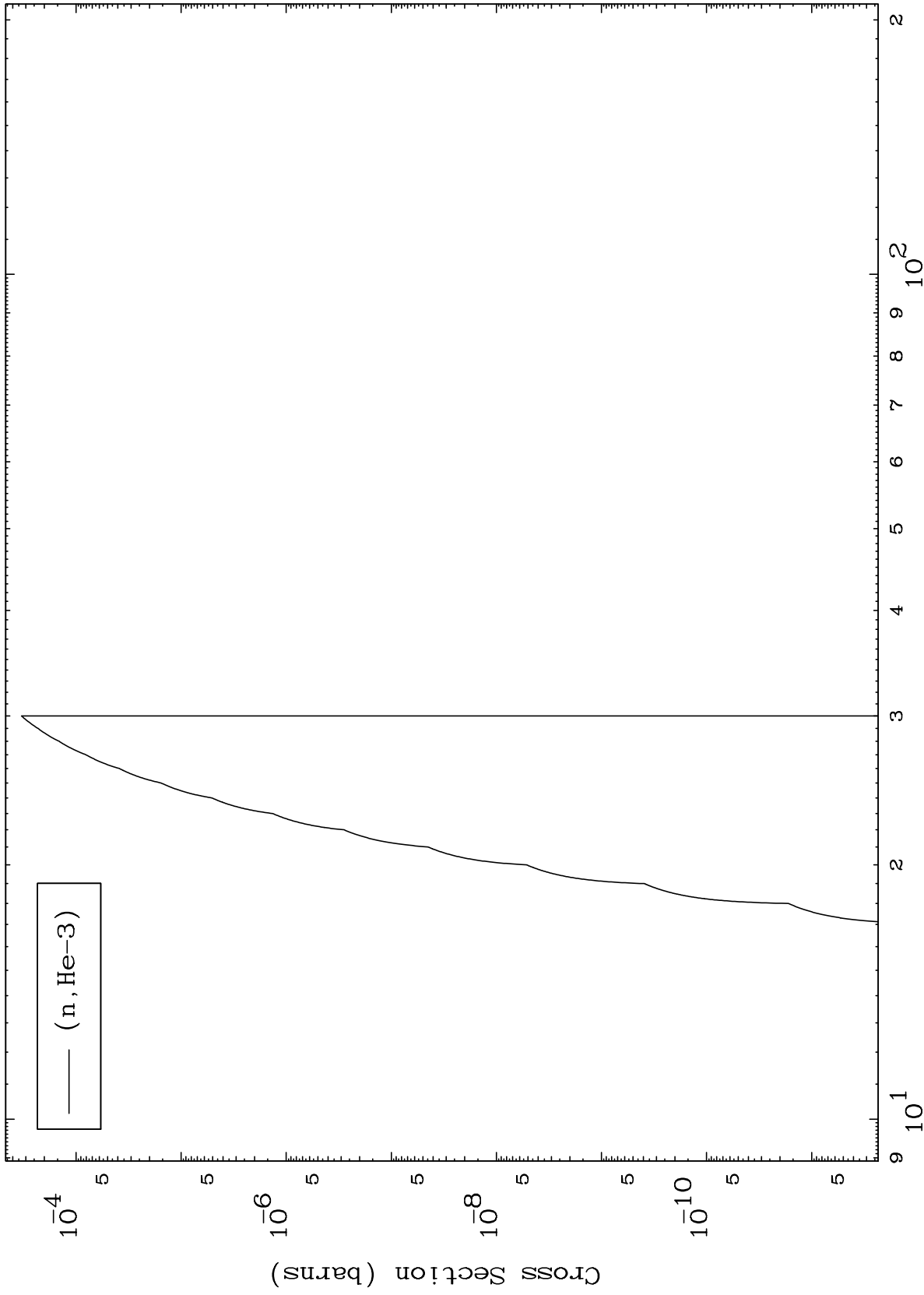
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,He3) Levels
293 Kelvin Cross Sections

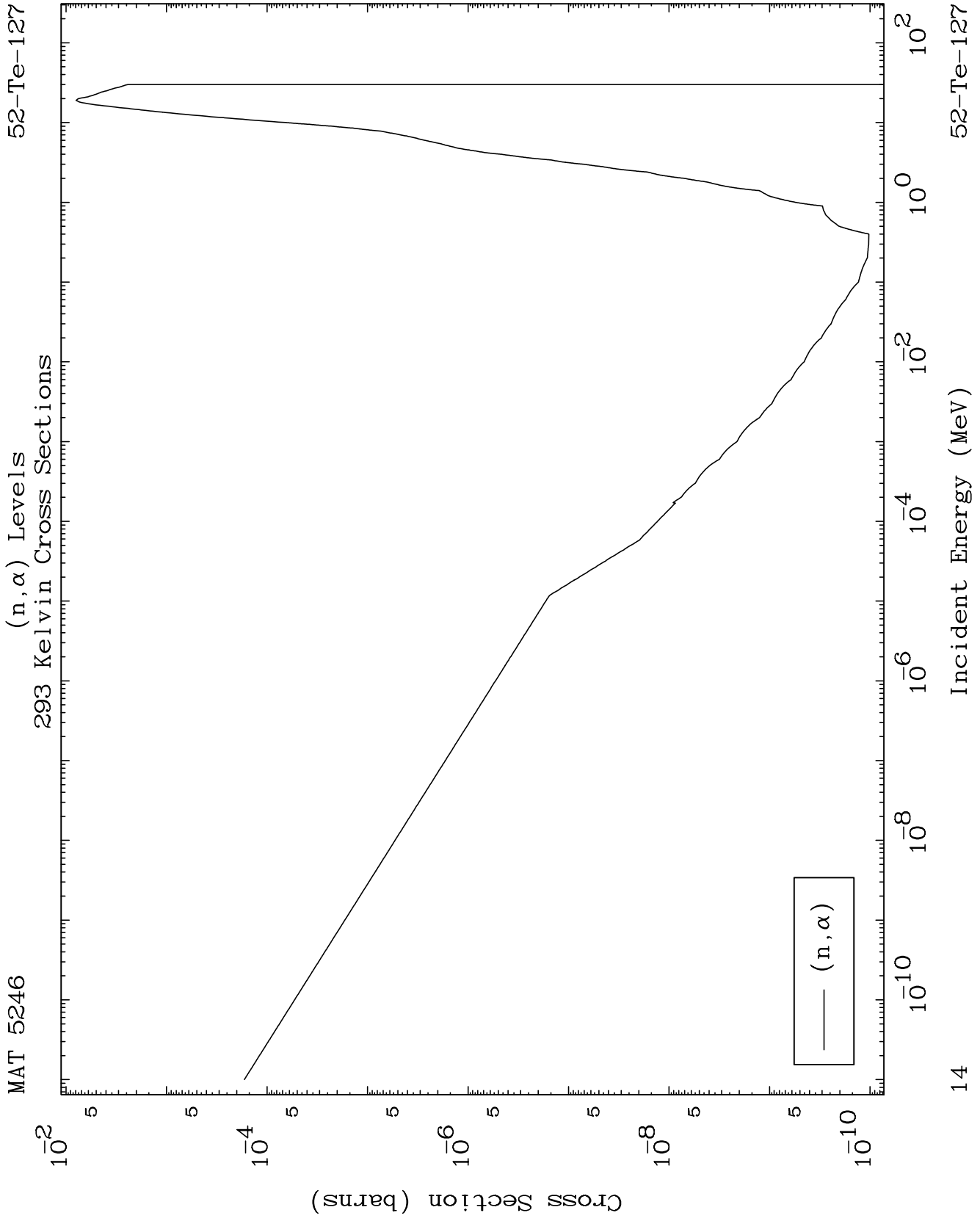
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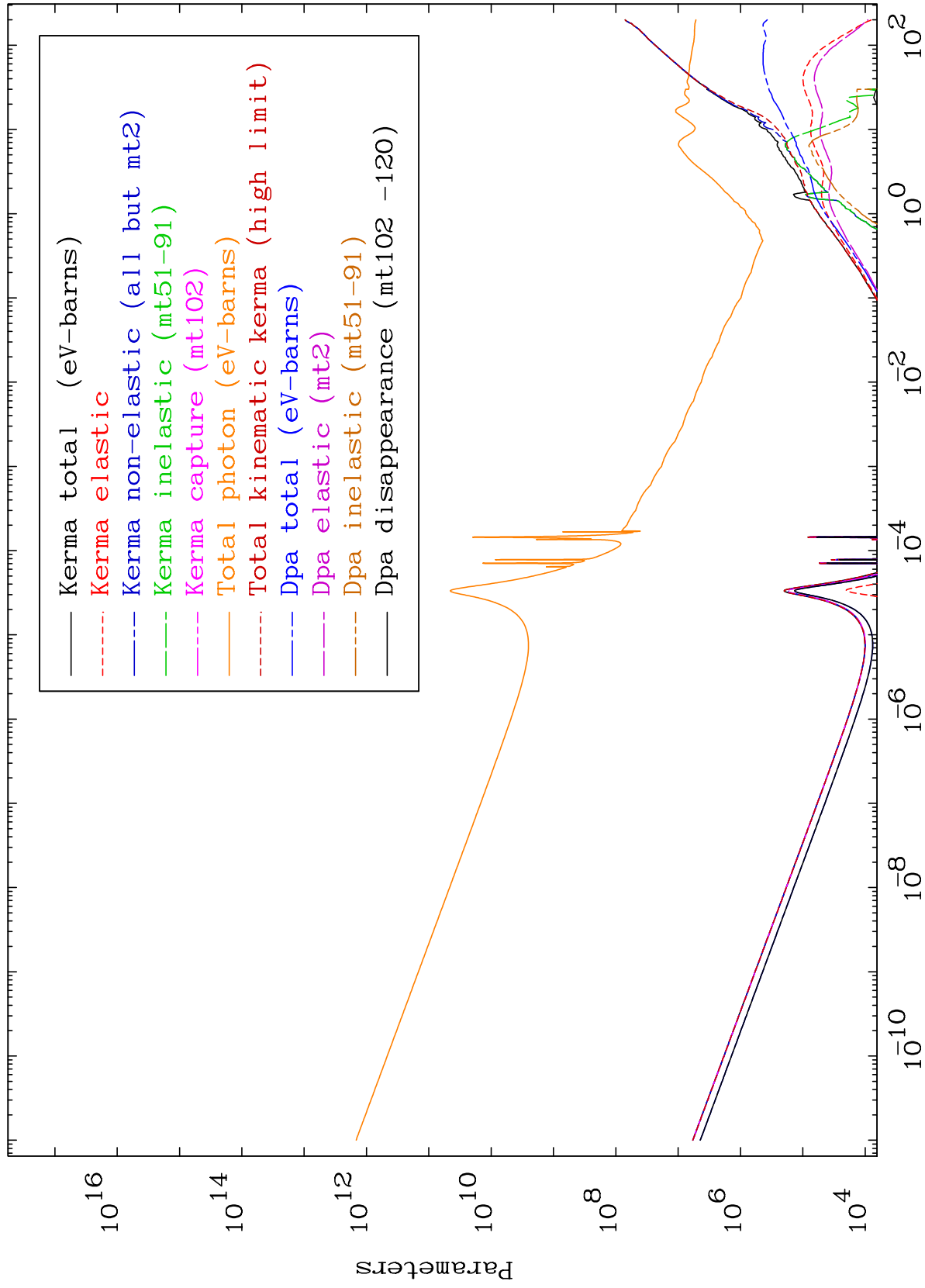


13

Incident Energy (MeV)

52-Te-127

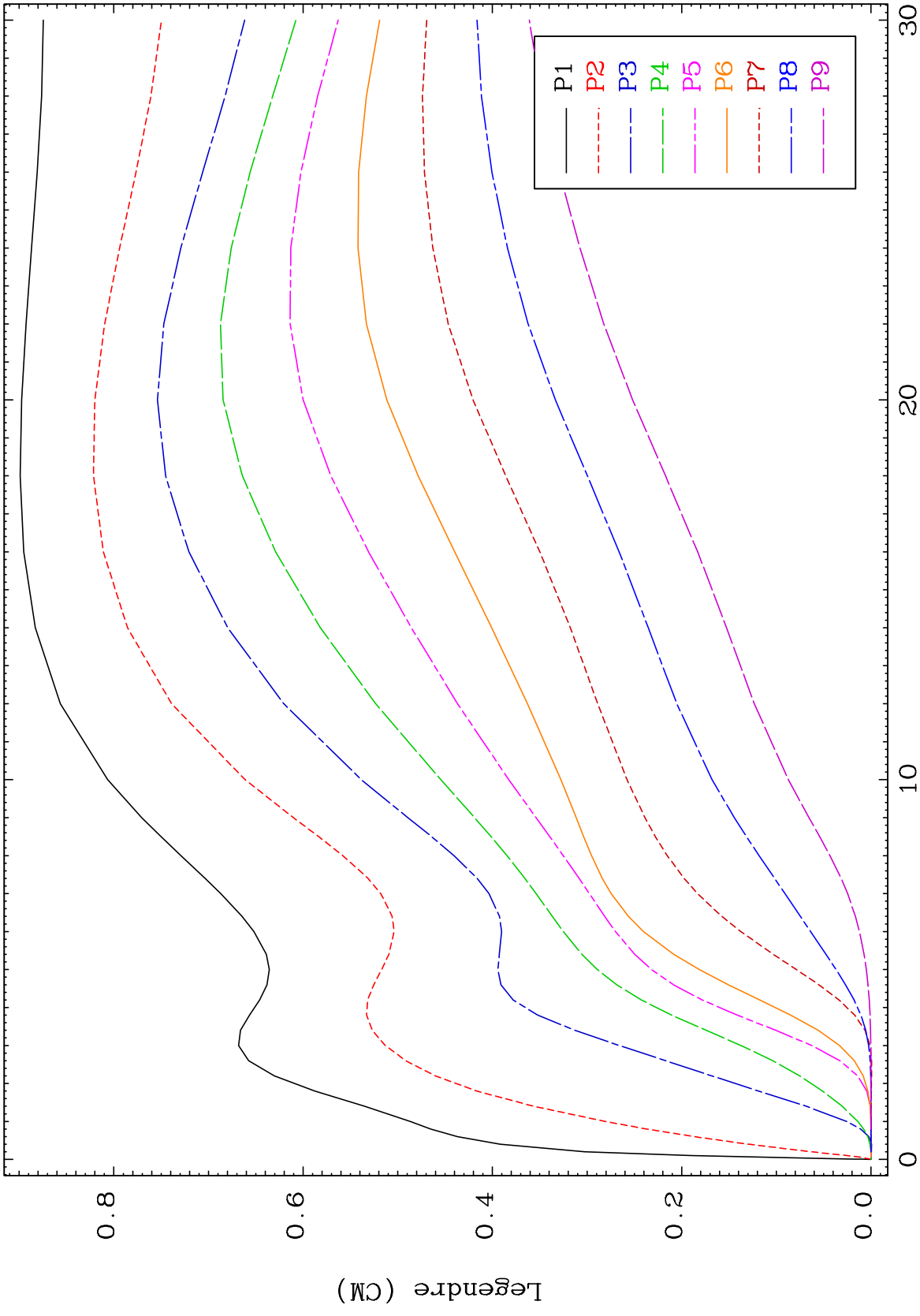




MAT 5246

Elastic Legendre Coefficients

52-Te-127



16

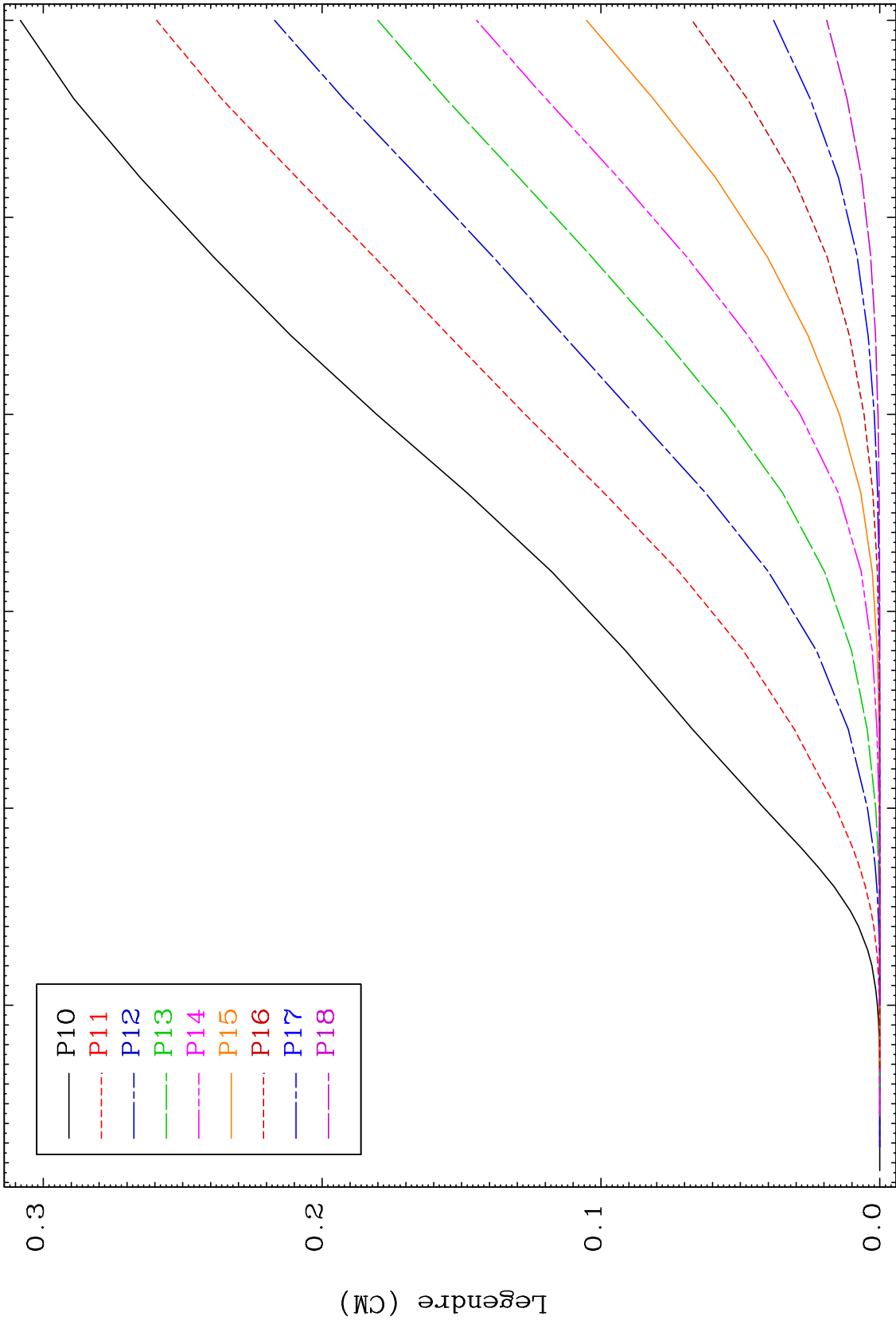
Incident Energy (MeV)

52-Te-127

MAT 5246

Elastic Legendre Coefficients

52-Te-127



17

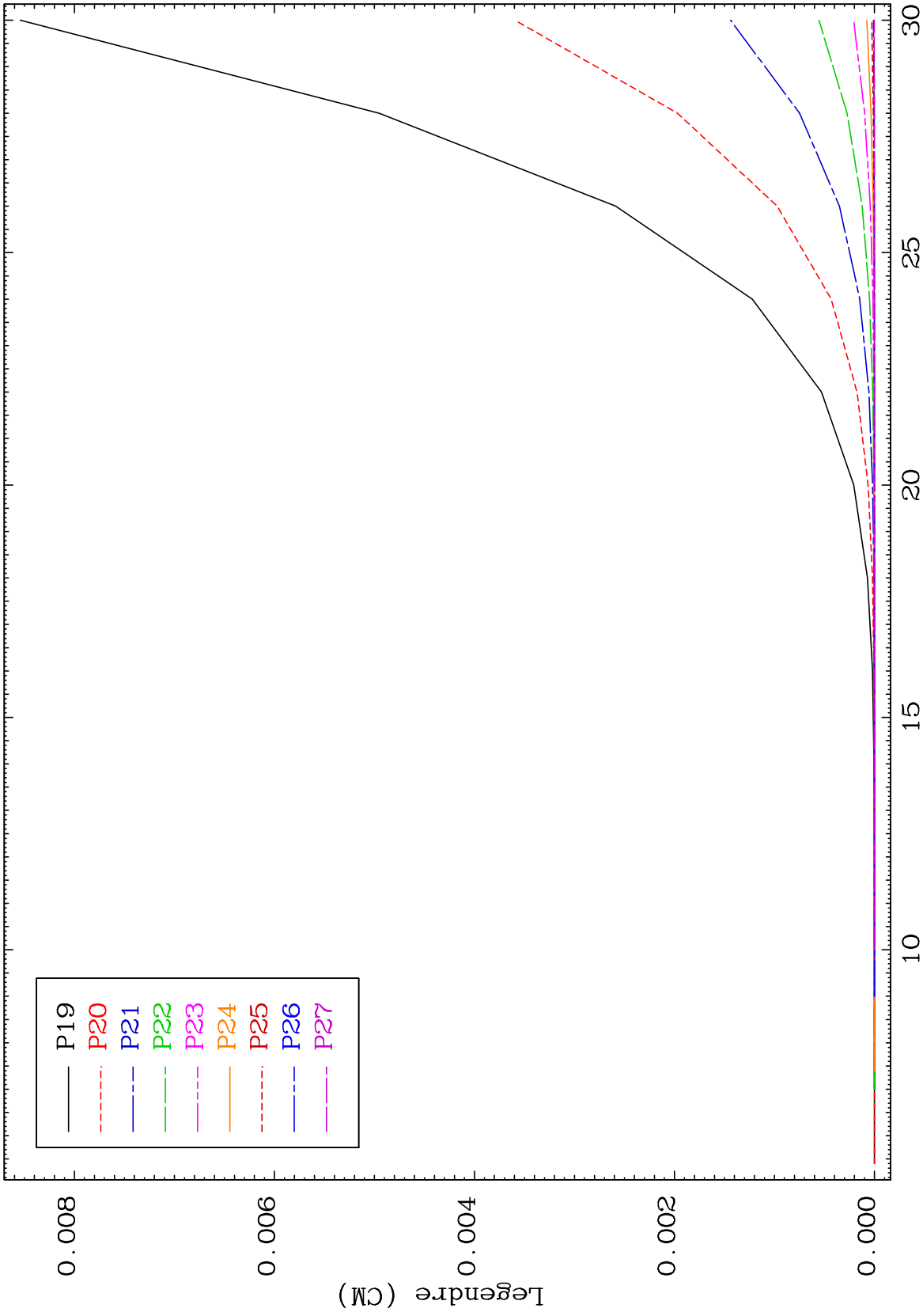
Incident Energy (MeV)

52-Te-127

MAT 5246

Elastic Legendre Coefficients

52-Te-127



18

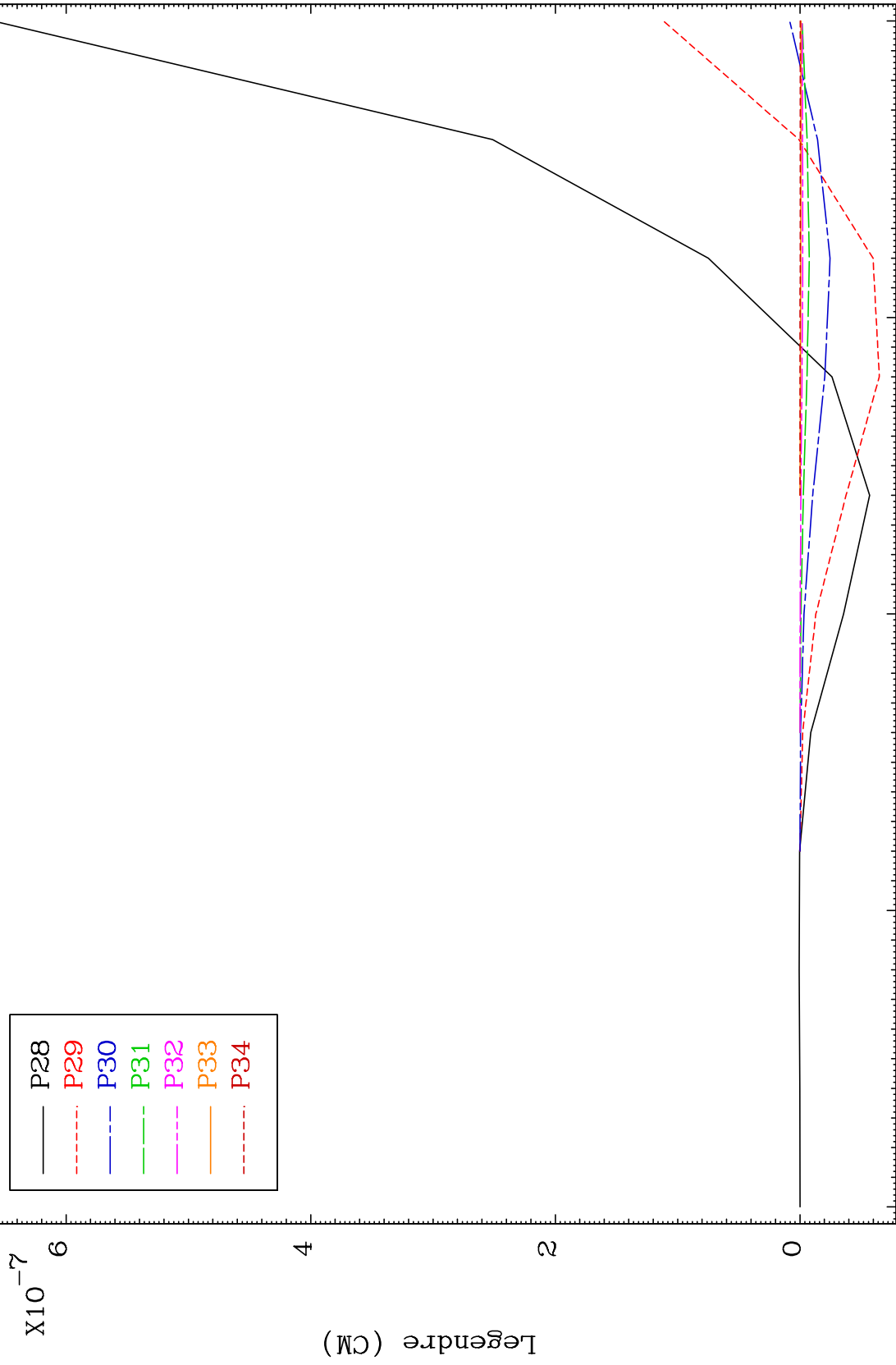
Incident Energy (MeV)

52-Te-127

MAT 5246

Elastic Legendre Coefficients

52-Te-127

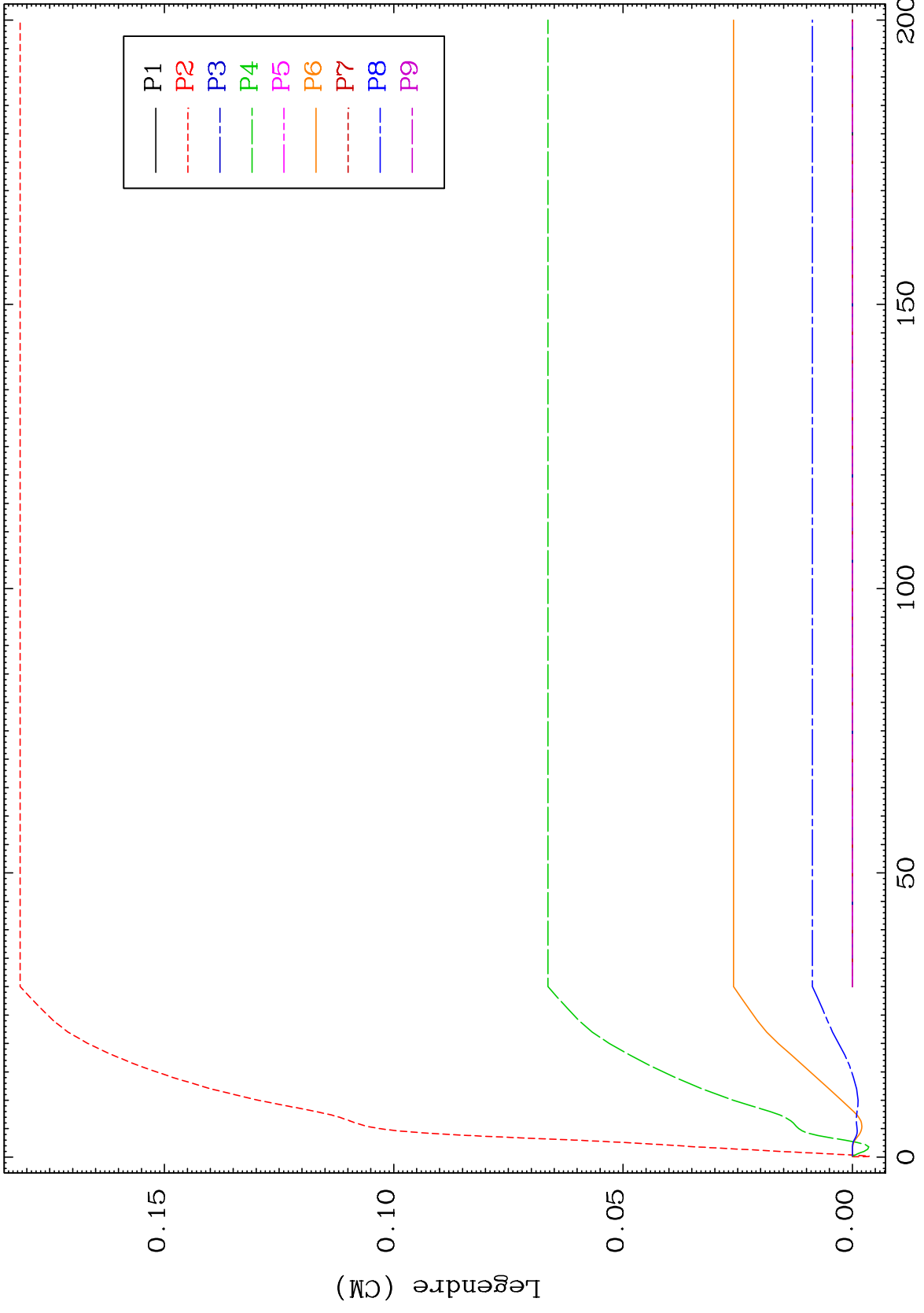


19

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 51 (n,n') Level Legendre Coefficients 52-Te-127

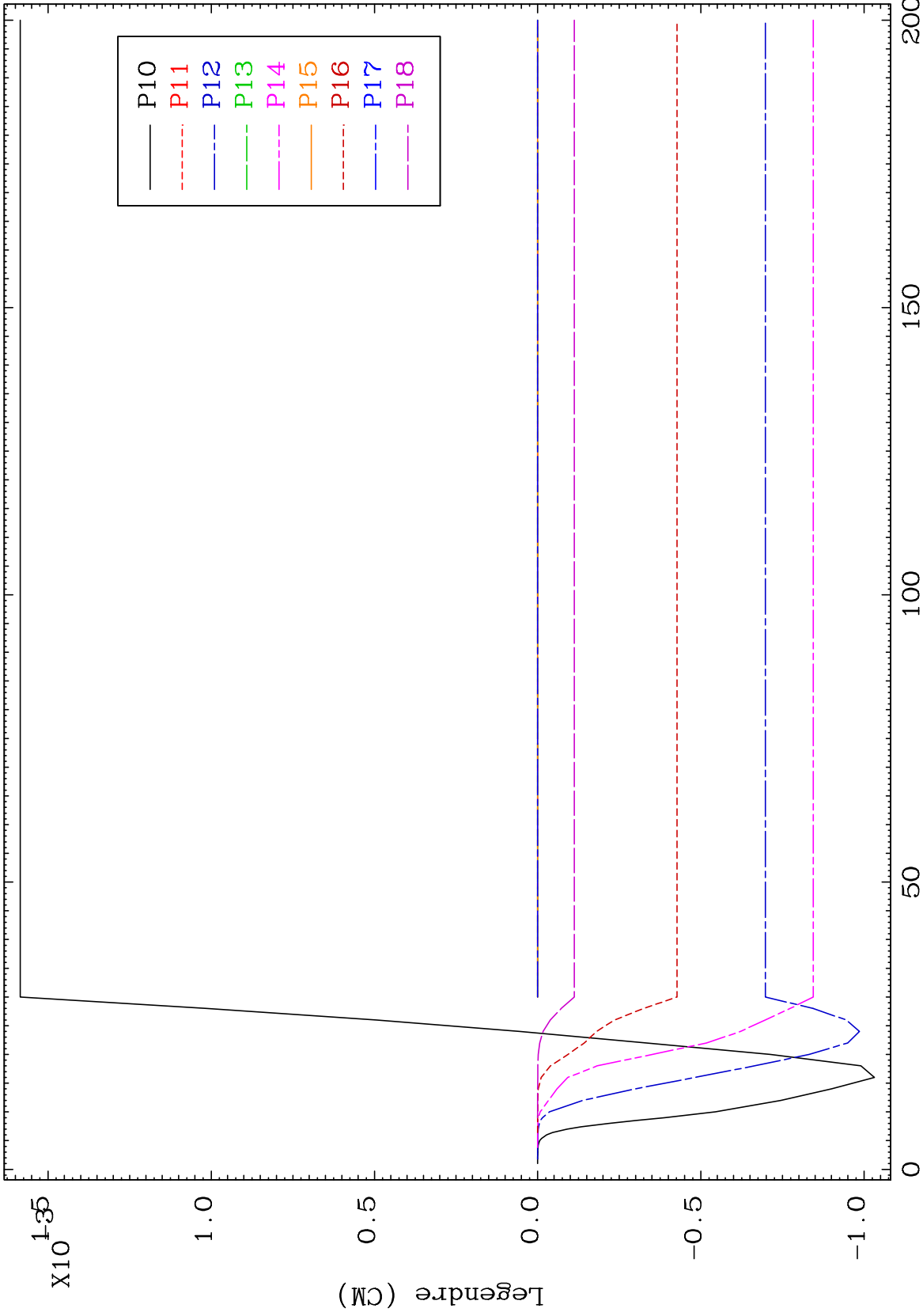


52-Te-127

MAT 5246

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

52-Te-127

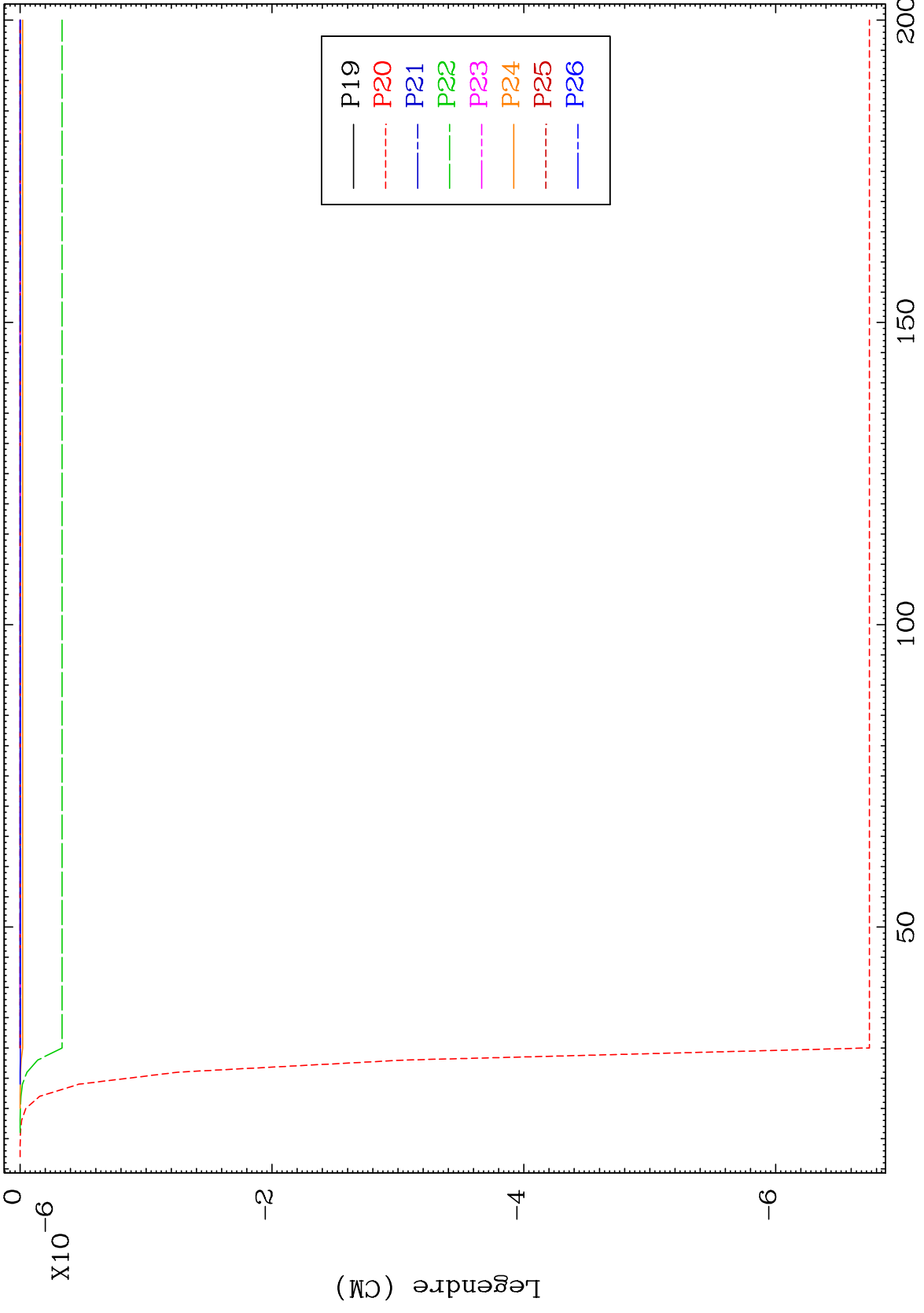


21

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 51 (n,n') Level Legendre Coefficients 52-Te-127

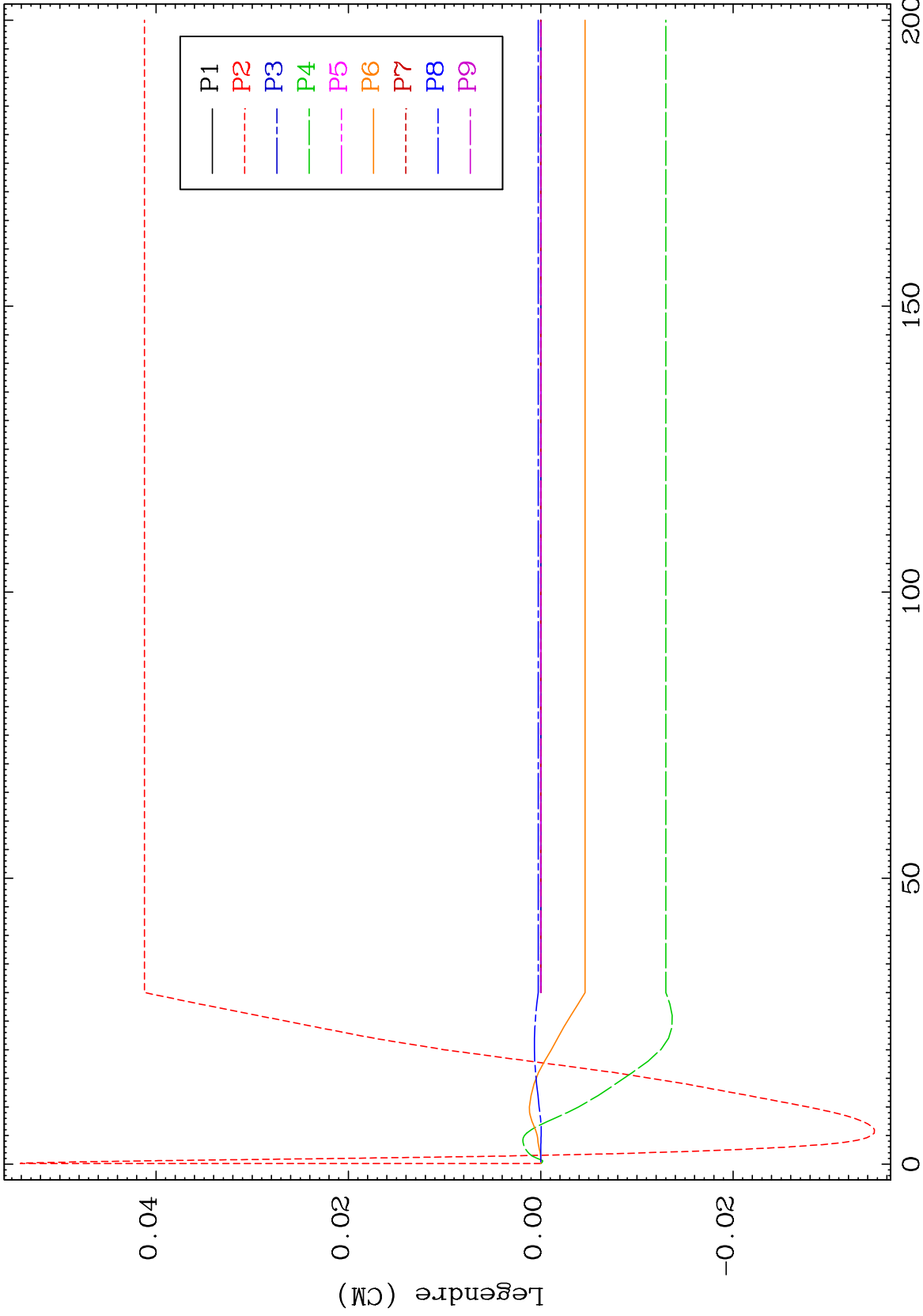


22 Incident Energy (MeV) 52-Te-127

MAT 5246

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

52-Te-127



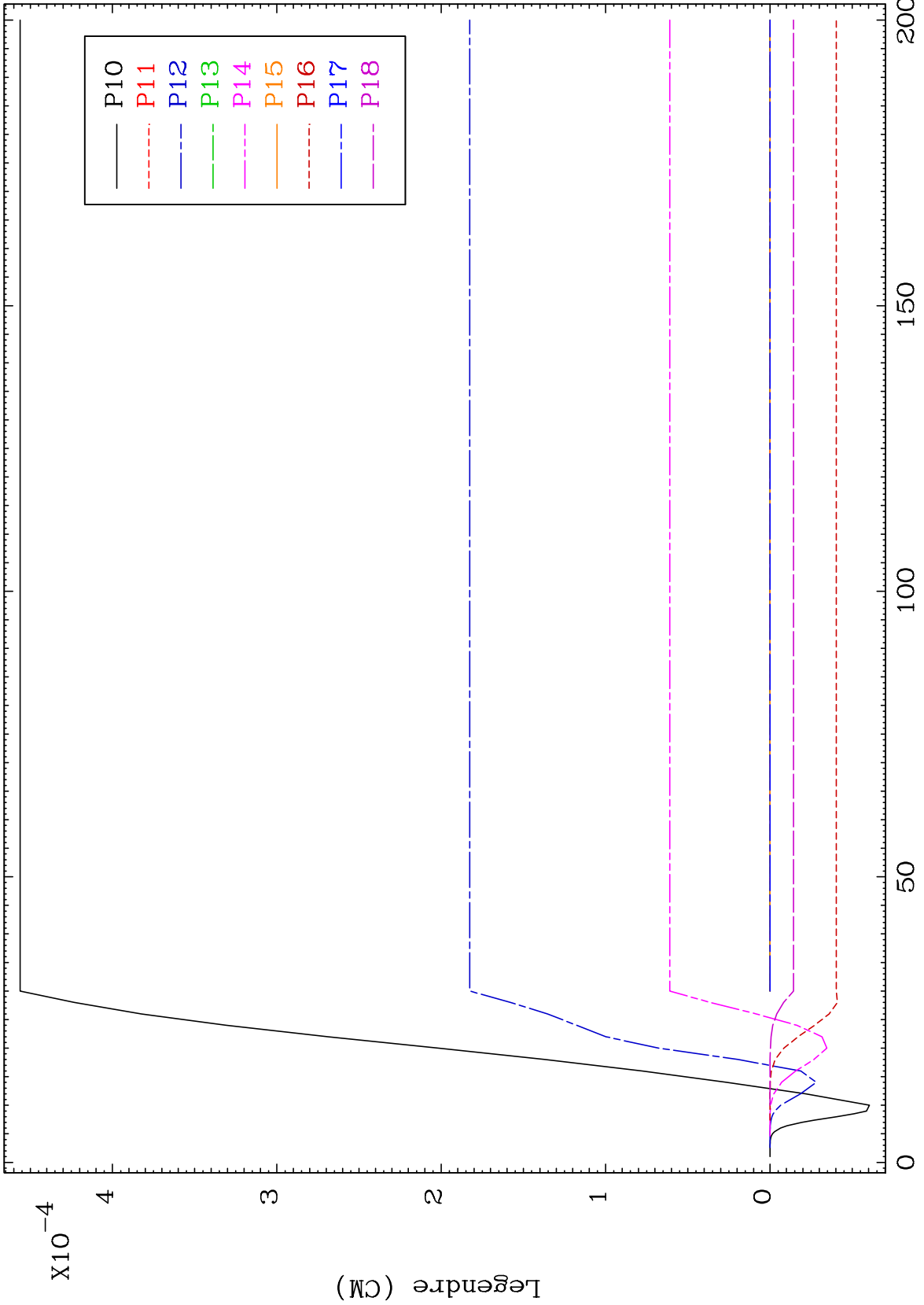
23

52-Te-127

MAT 5246

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

52-Te-127

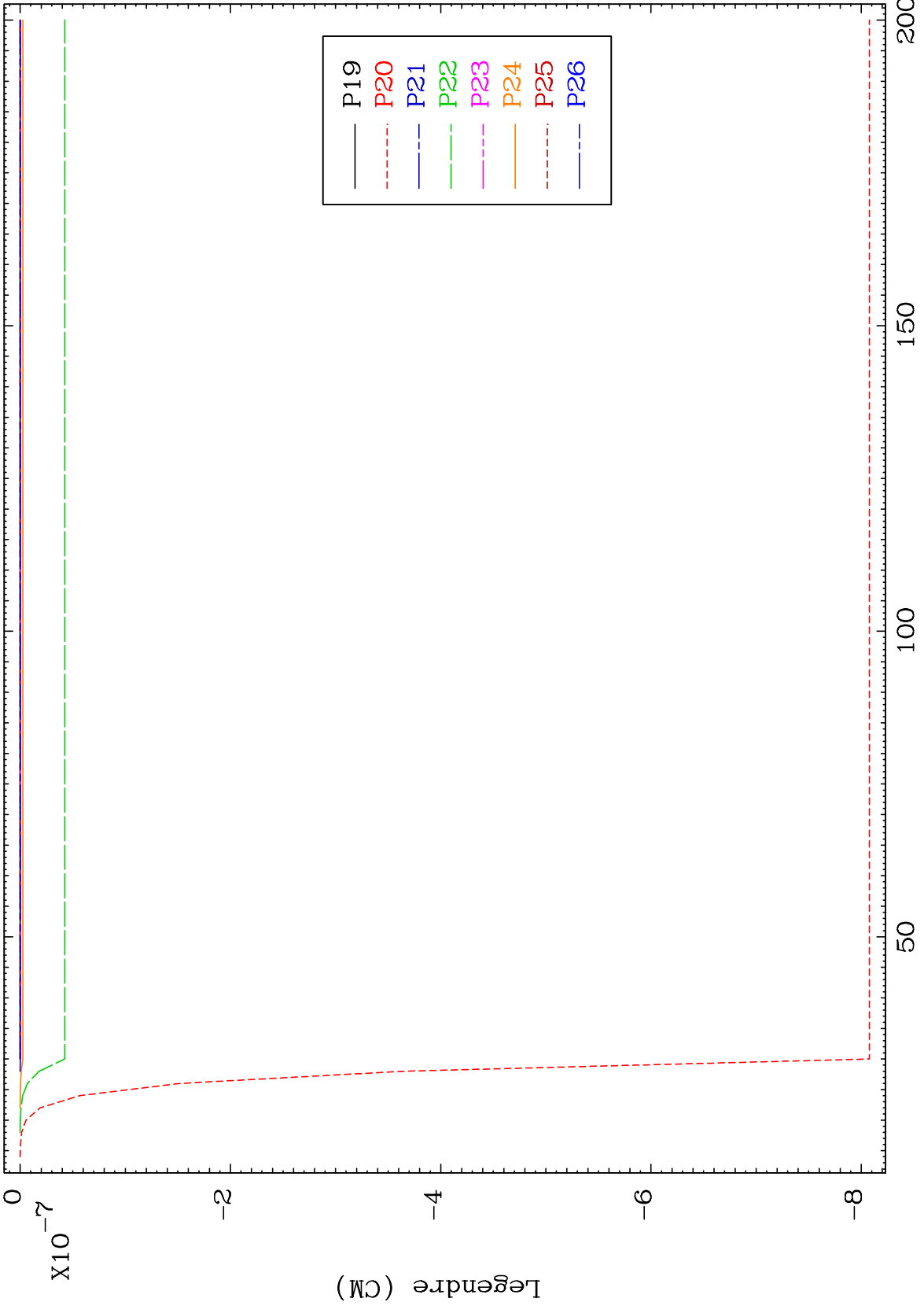


24

Incident Energy (MeV)

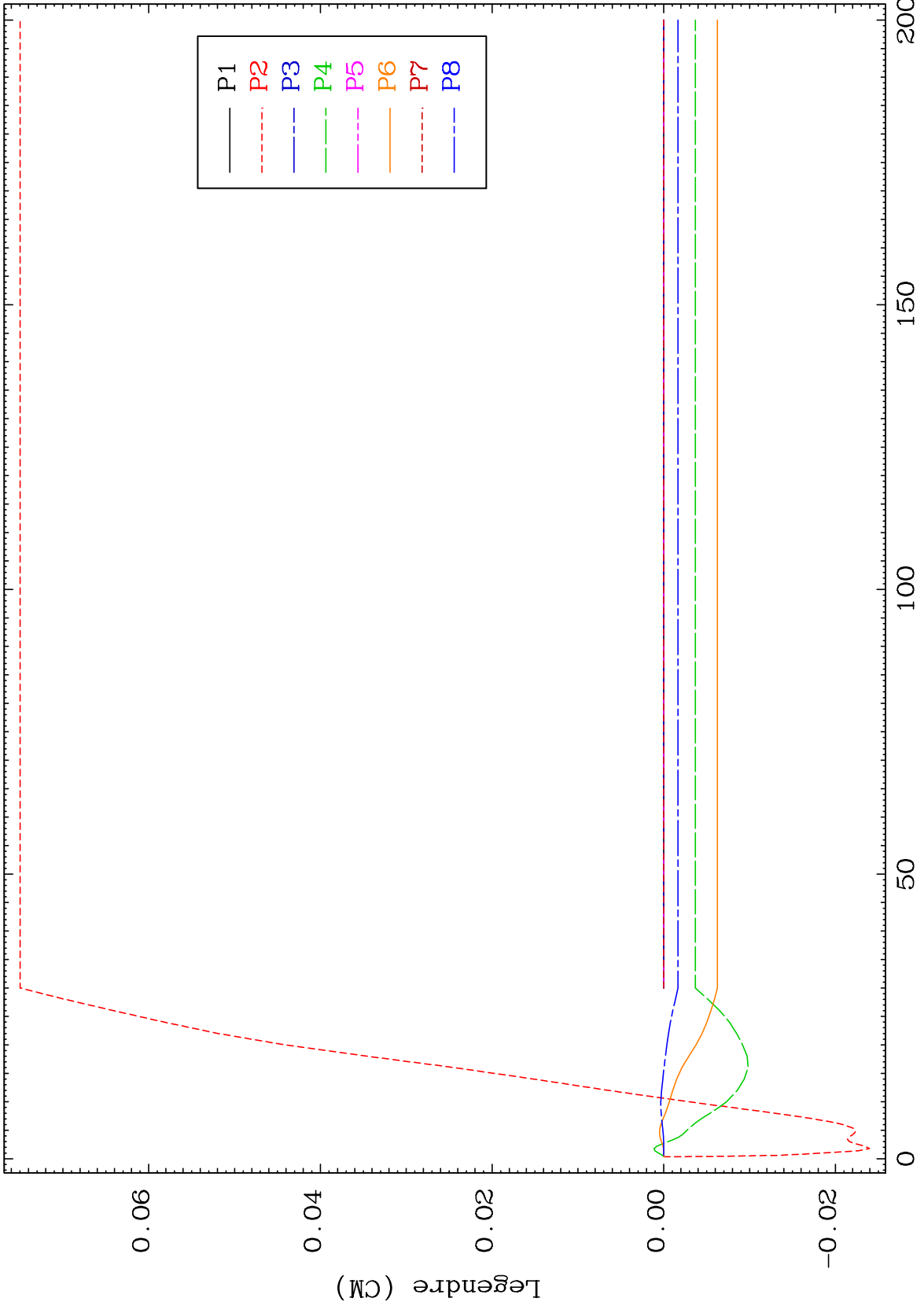
52-Te-127

MAT 5246 MT= 52 (n,n') Level Legendre Coefficients 52-Te-127



25 Incident Energy (MeV) 52-Te-127

MAT 5246 MT= 53 (n,n') Level Legendre Coefficients 52-Te-127

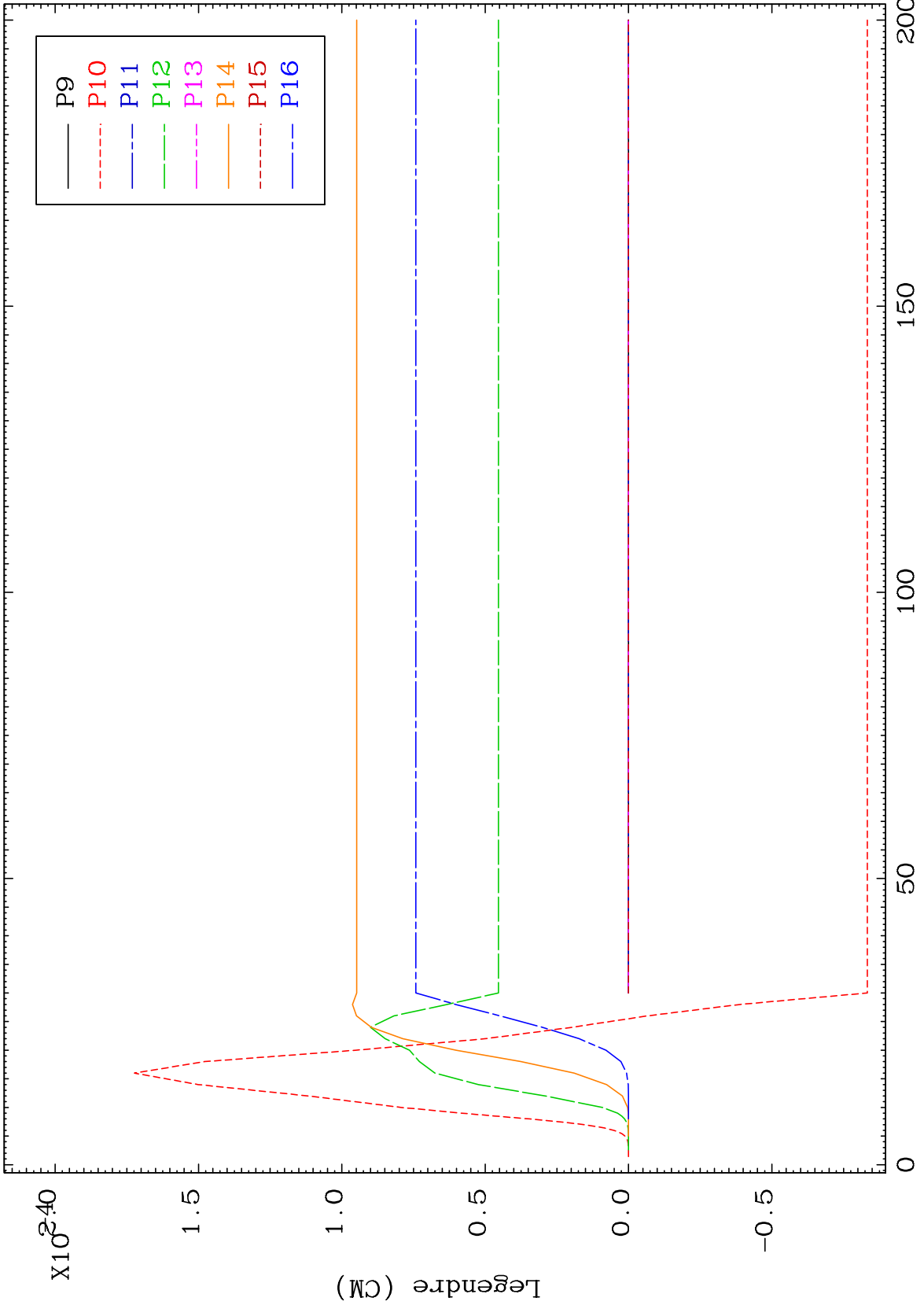


26 52-Te-127

MAT 5246

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

52-Te-127

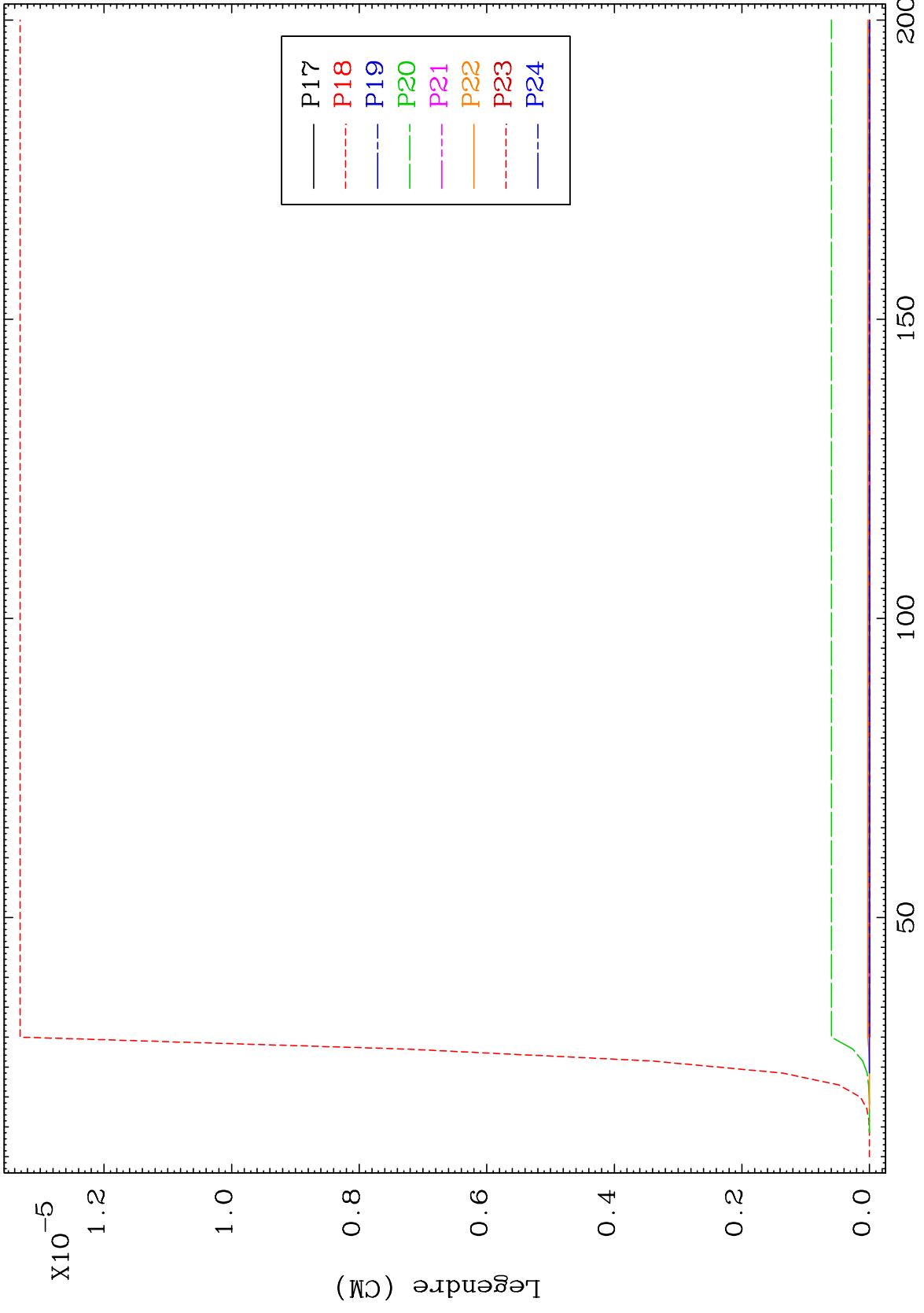


27

Incident Energy (MeV)

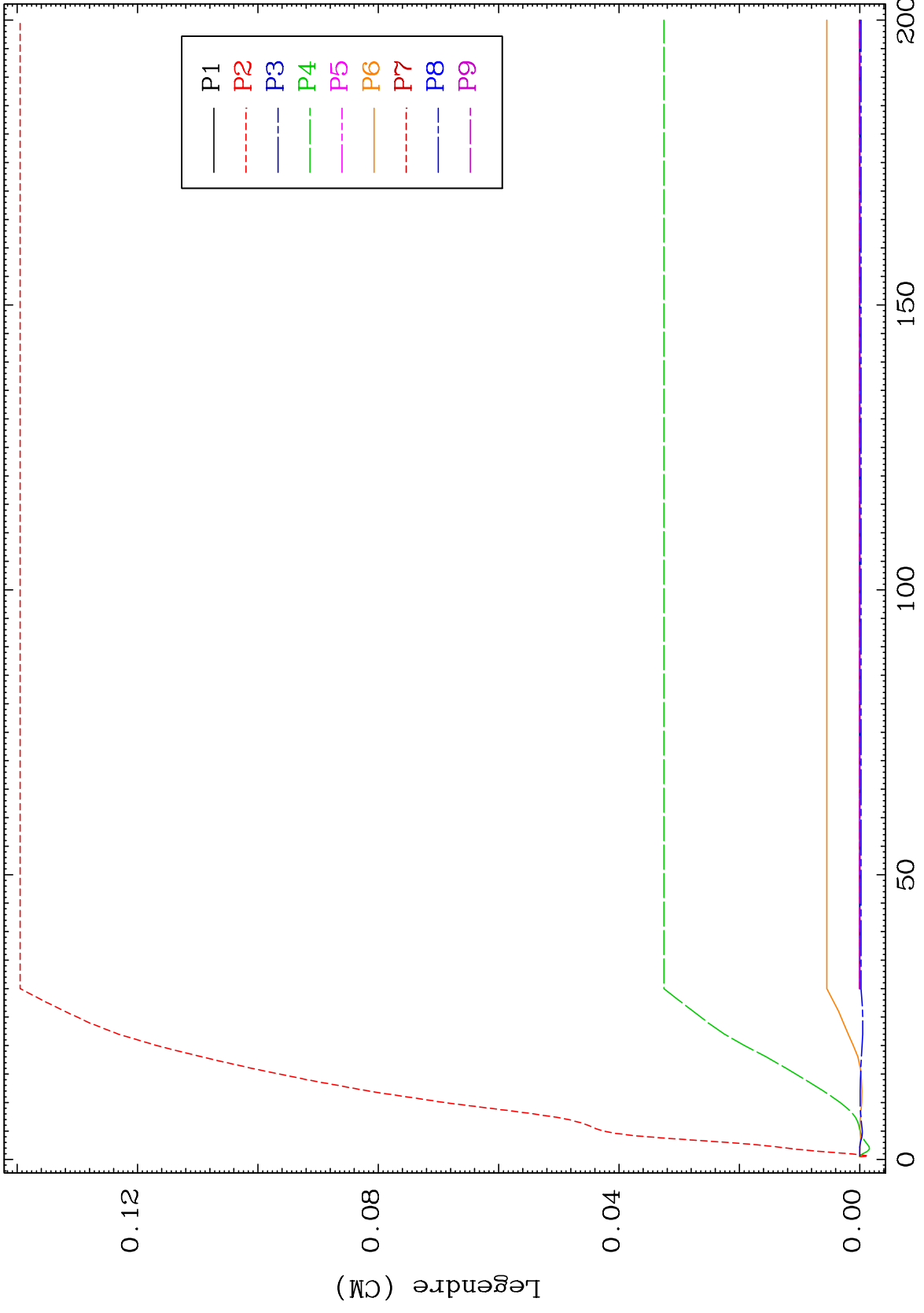
52-Te-127

MAT 5246 MT= 53 (n,n') Level Legendre Coefficients 52-Te-127



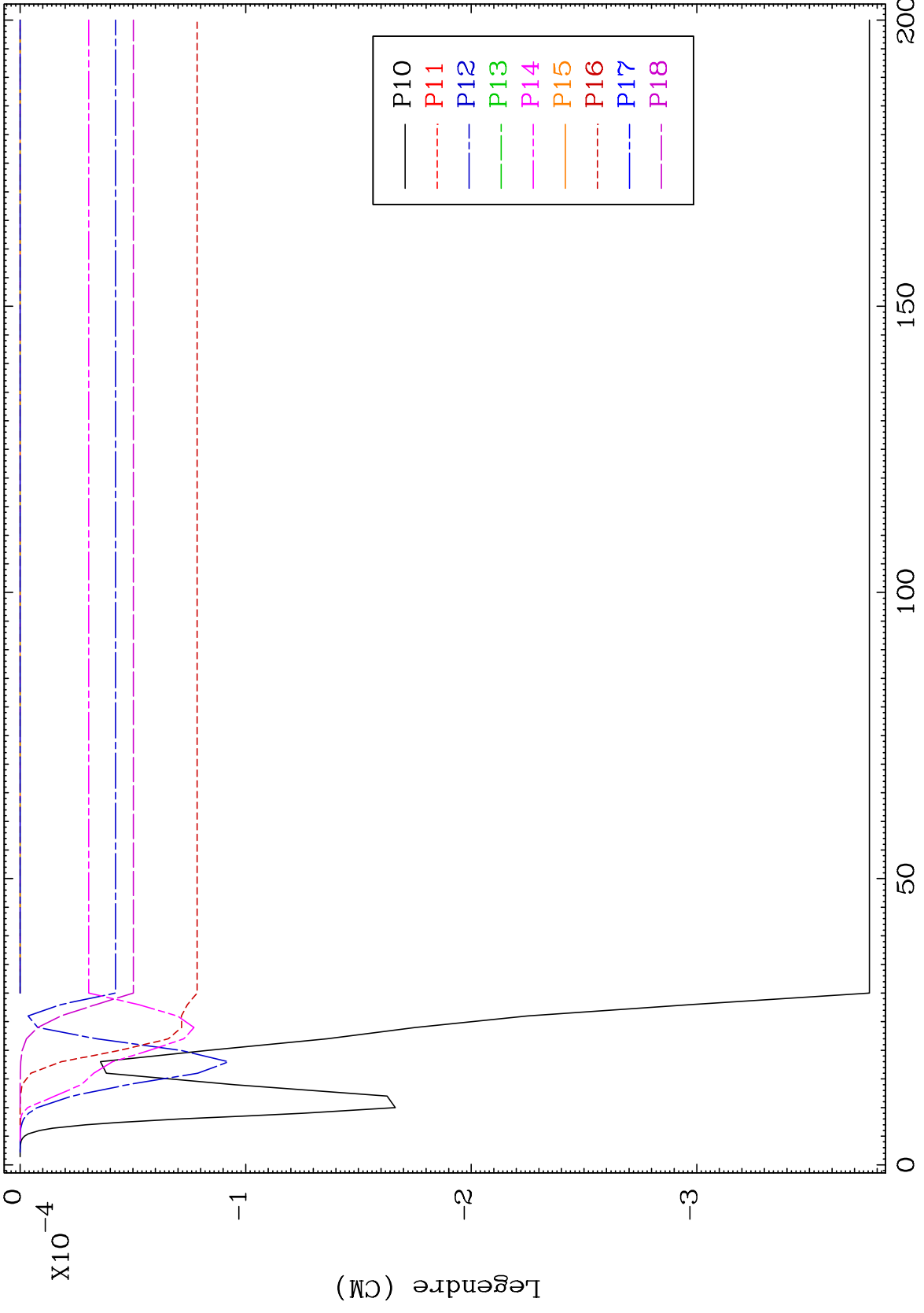
28 Incident Energy (MeV) 52-Te-127

MAT 5246 MT= 54 (n,n') Level Legendre Coefficients 52-Te-127



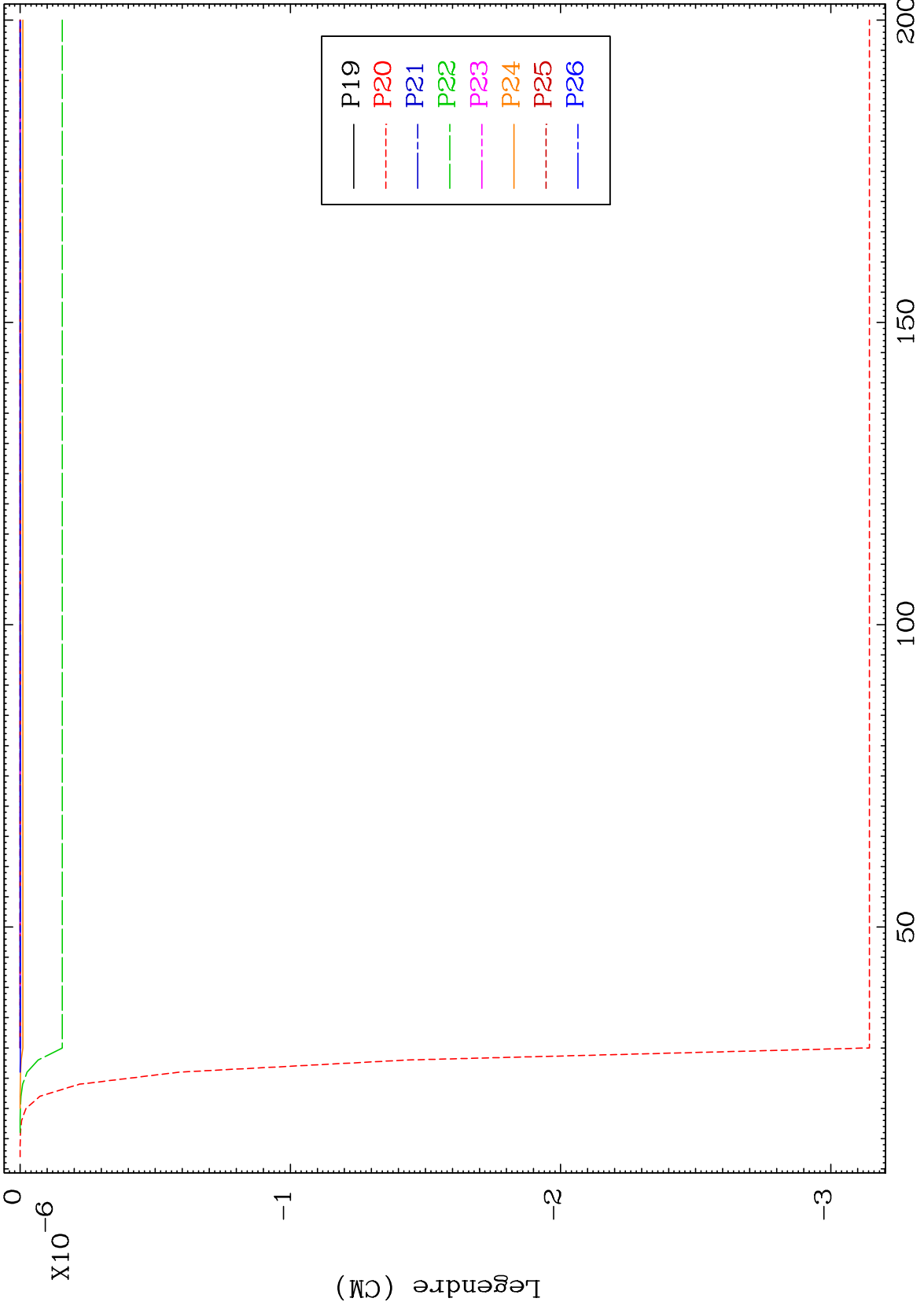
29 Incident Energy (MeV) 52-Te-127

MAT 5246 MT= 54 (n,n') Level Legendre Coefficients 52-Te-127



52-Te-127 Incident Energy (MeV)

MAT 5246 MT= 54 (n,n') Level Legendre Coefficients 52-Te-127

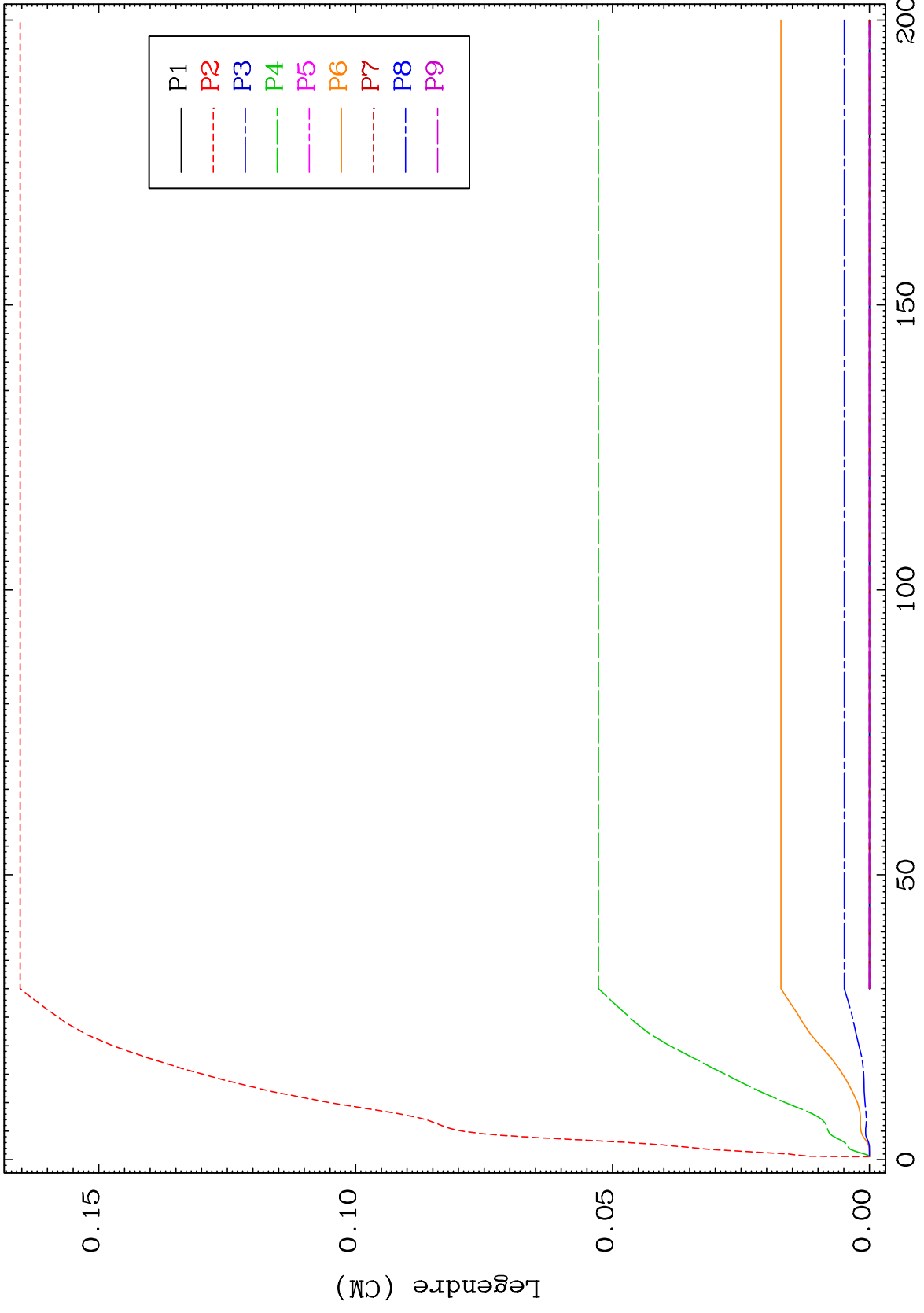


31 Incident Energy (MeV) 52-Te-127

MAT 5246

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

52-Te-127



32

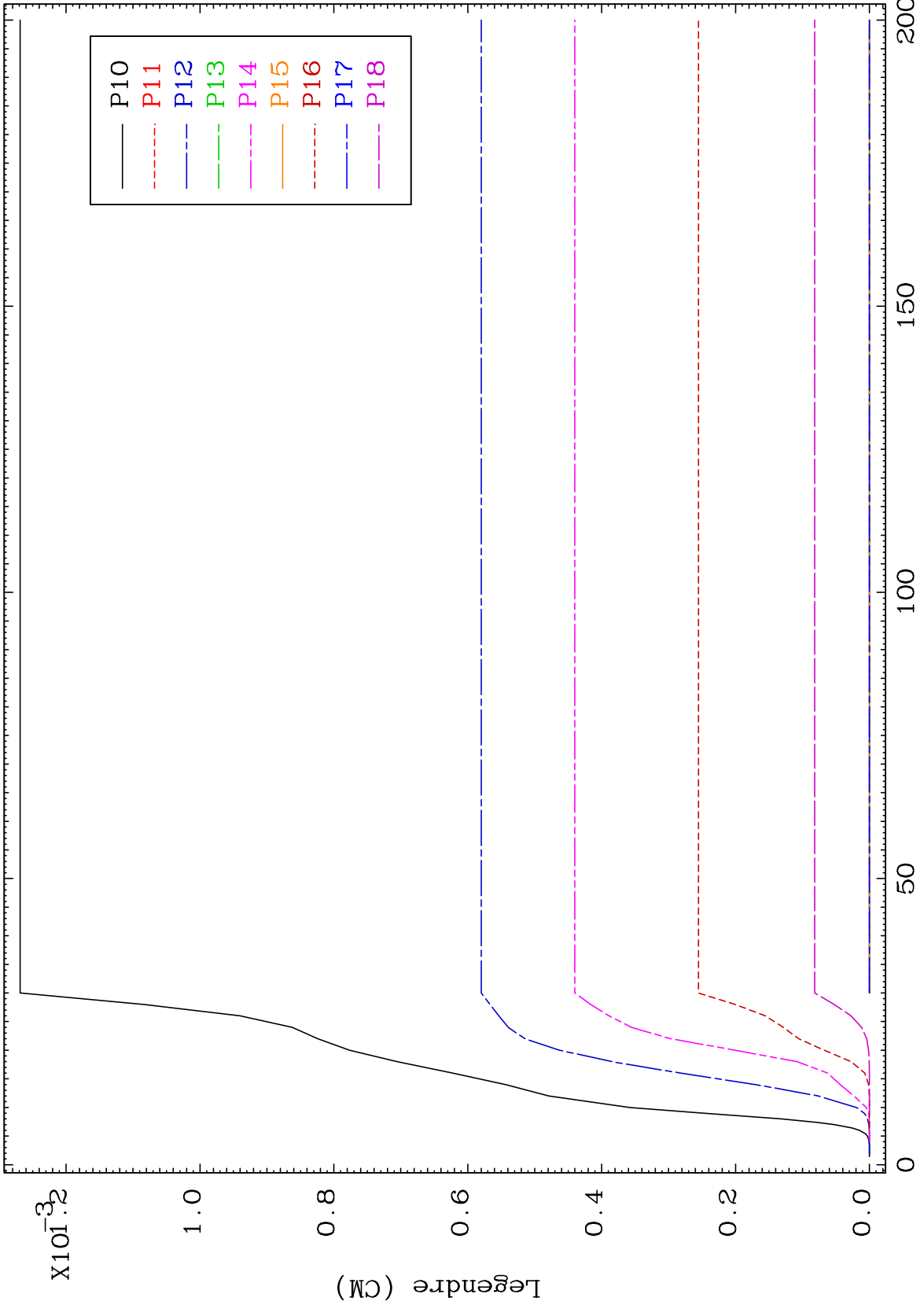
Incident Energy (MeV)

52-Te-127

MAT 5246

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

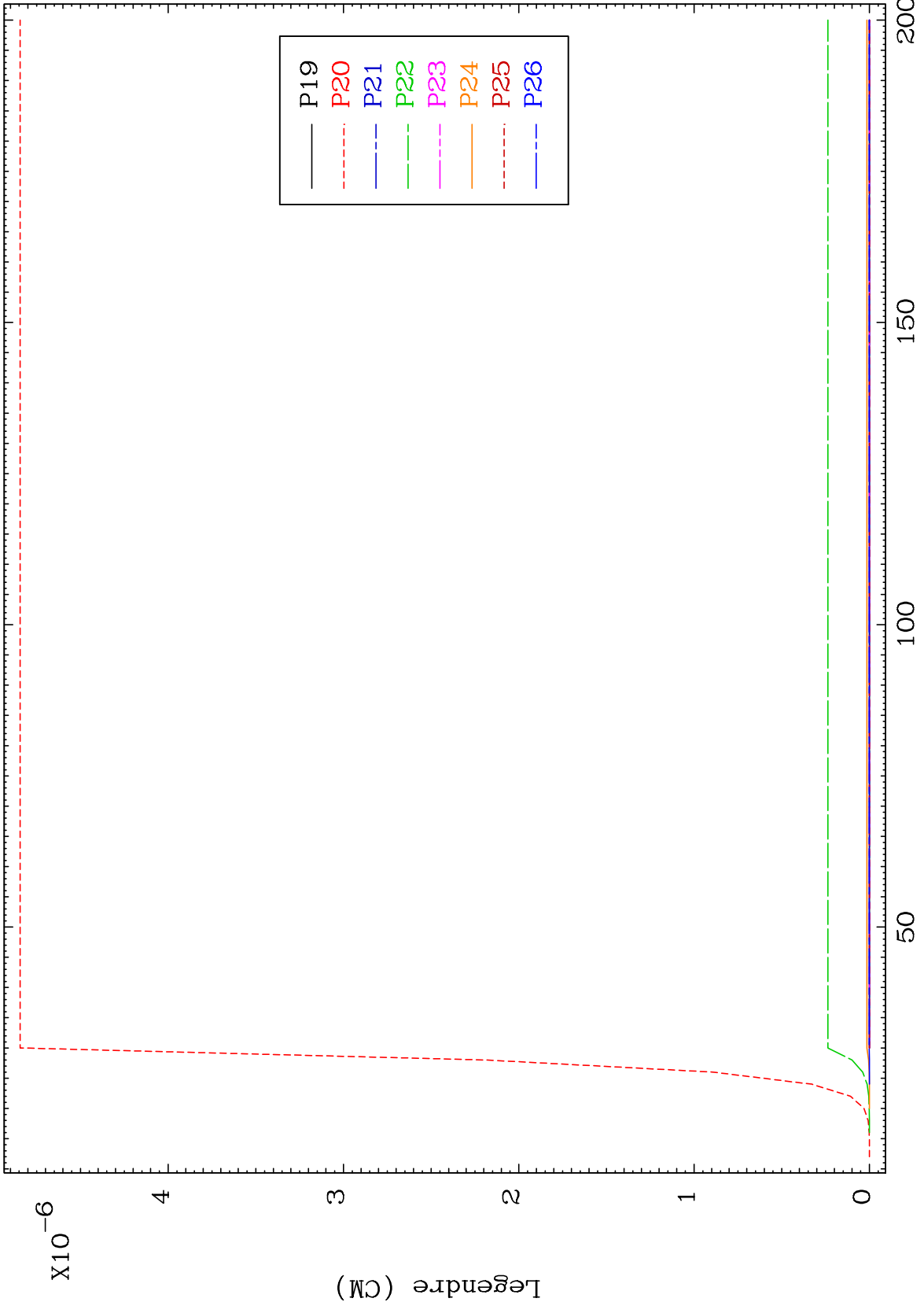
52-Te-127



33

52-Te-127

MAT 5246 MT= 55 (n,n') Level Legendre Coefficients 52-Te-127

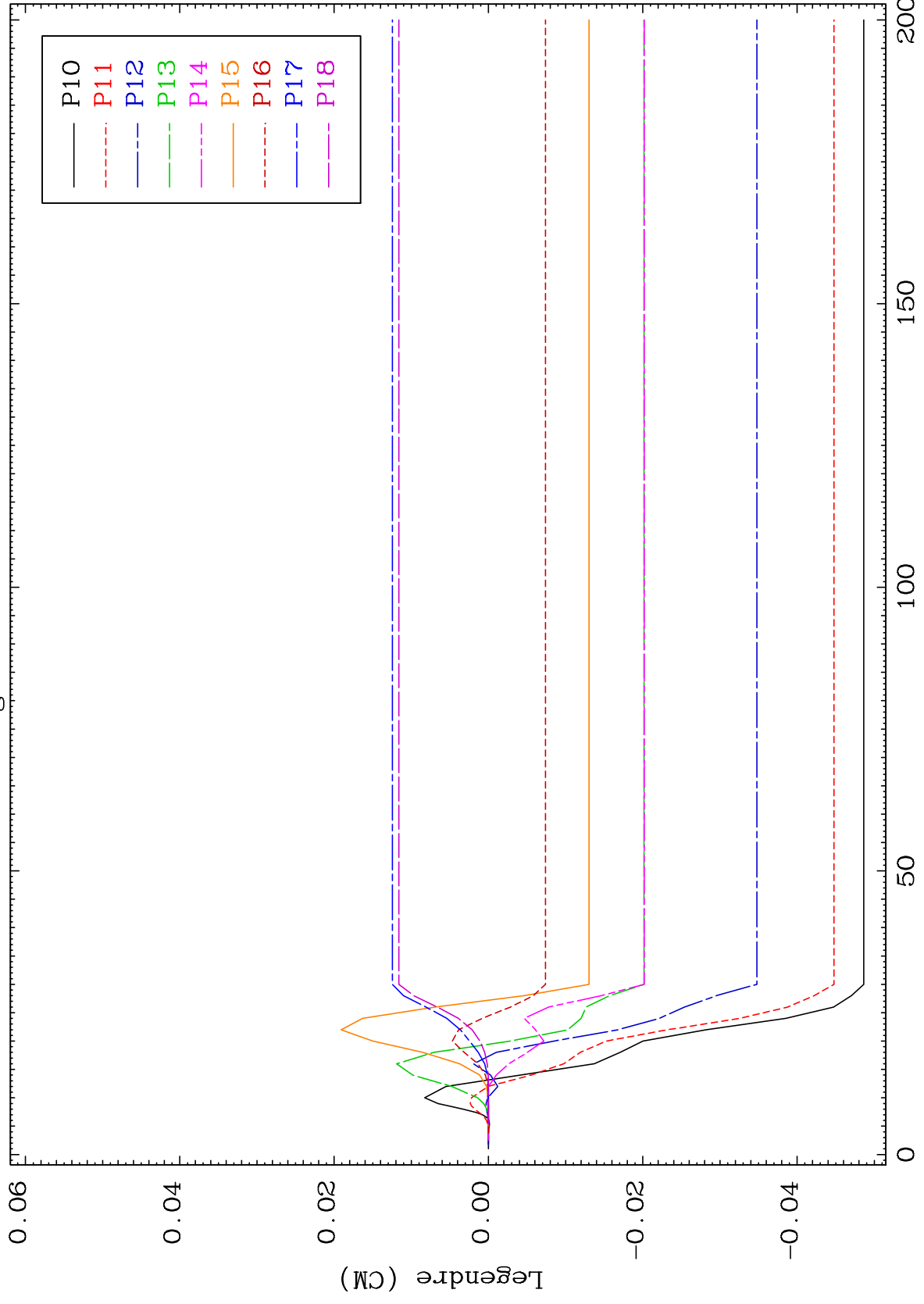


34 Incident Energy (MeV) 52-Te-127

MAT 5246

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

52-Te-127

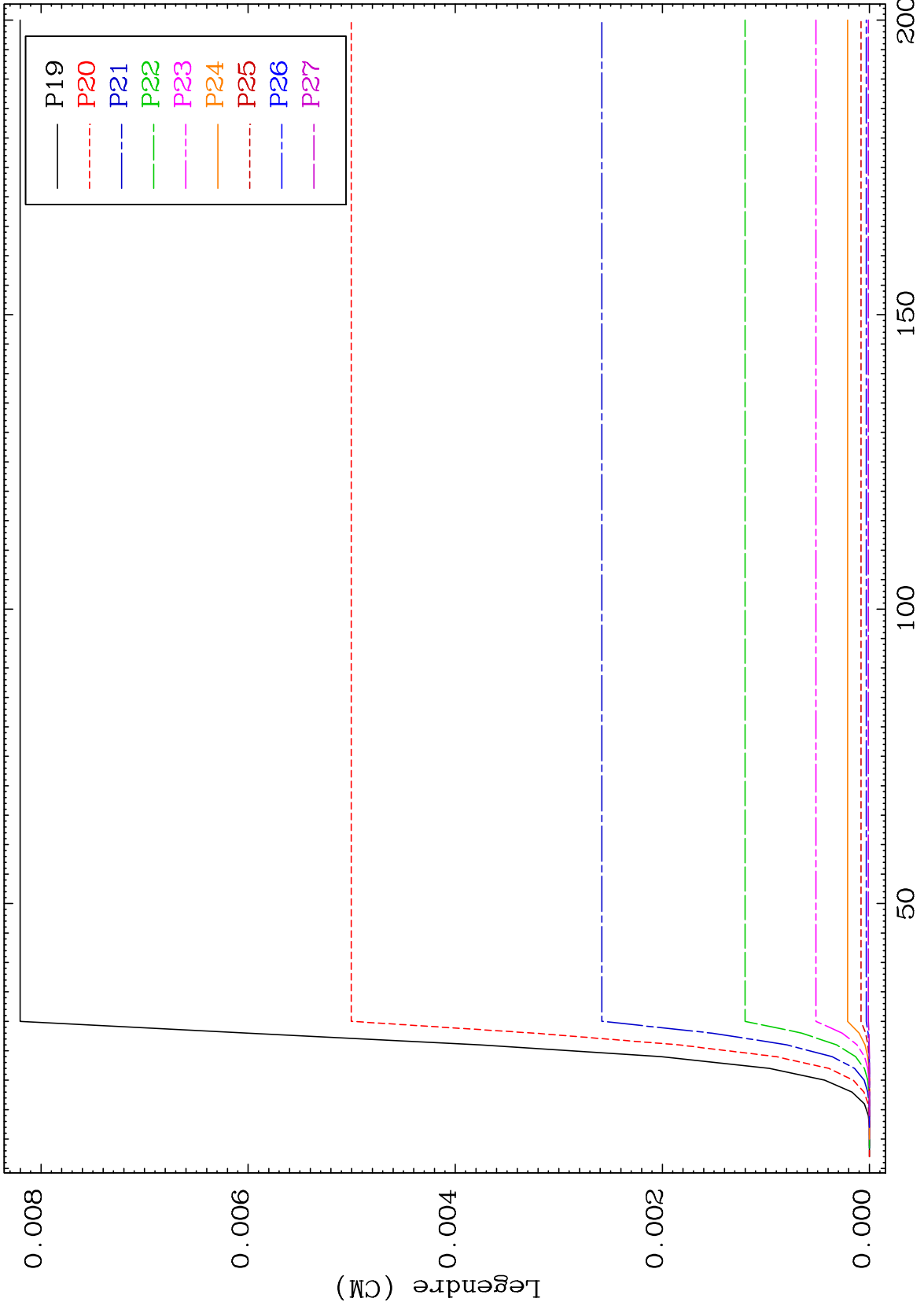


36

Incident Energy (MeV)

52-Te-127

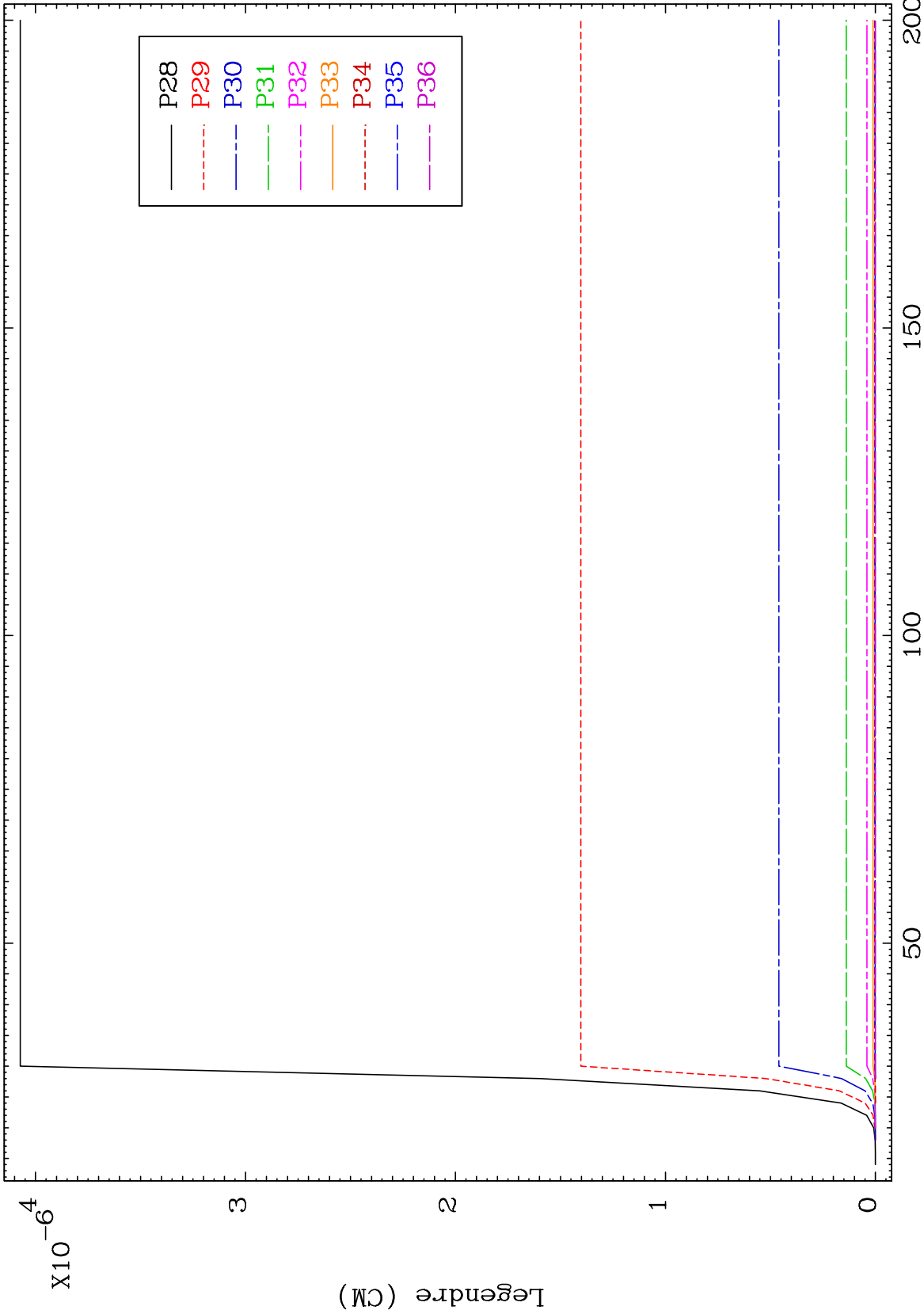
MAT 5246 MT= 56 (n,n') Level Legendre Coefficients 52-Te-127



MAT 5246

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

52-Te-127

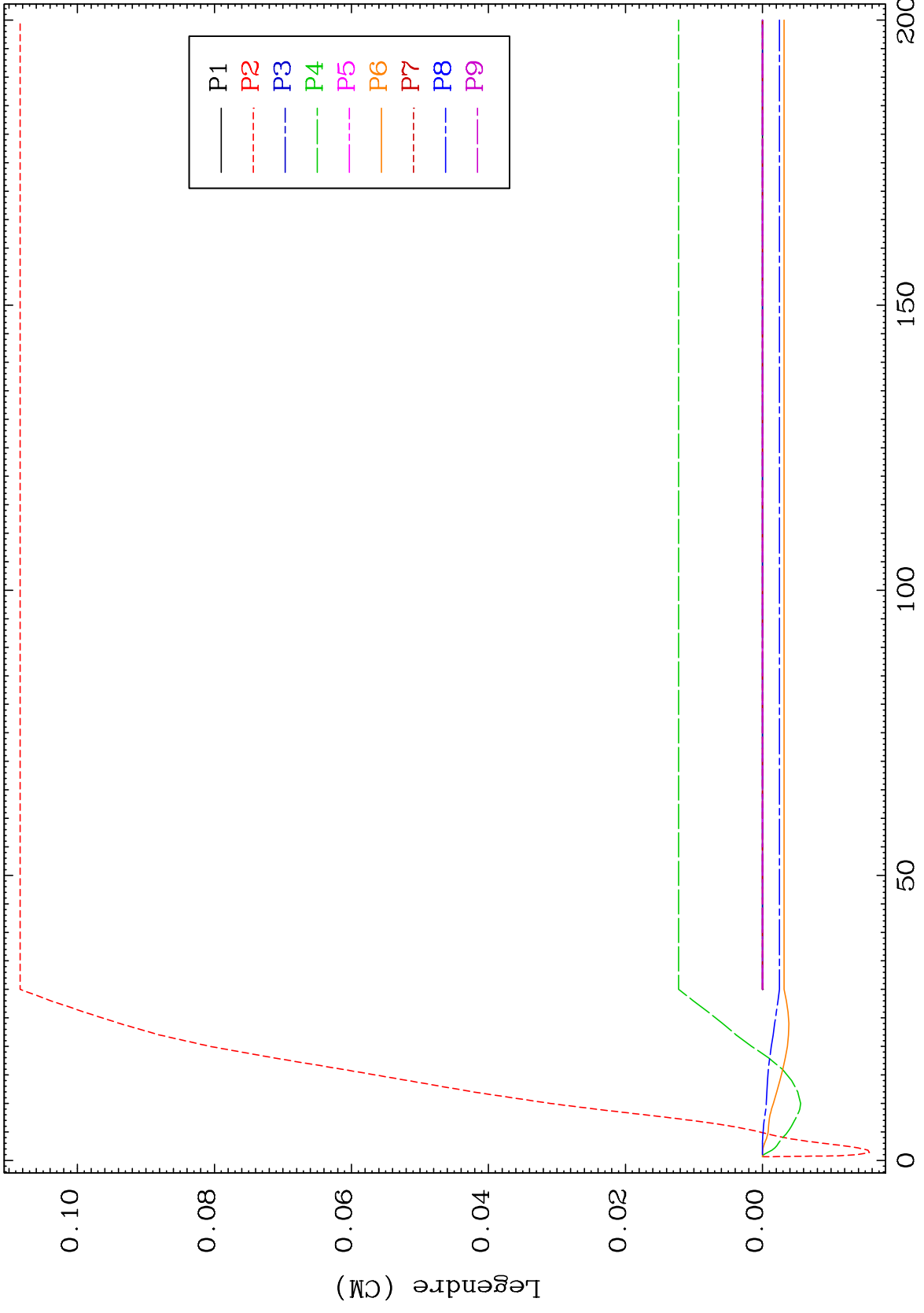


38

Incident Energy (MeV)

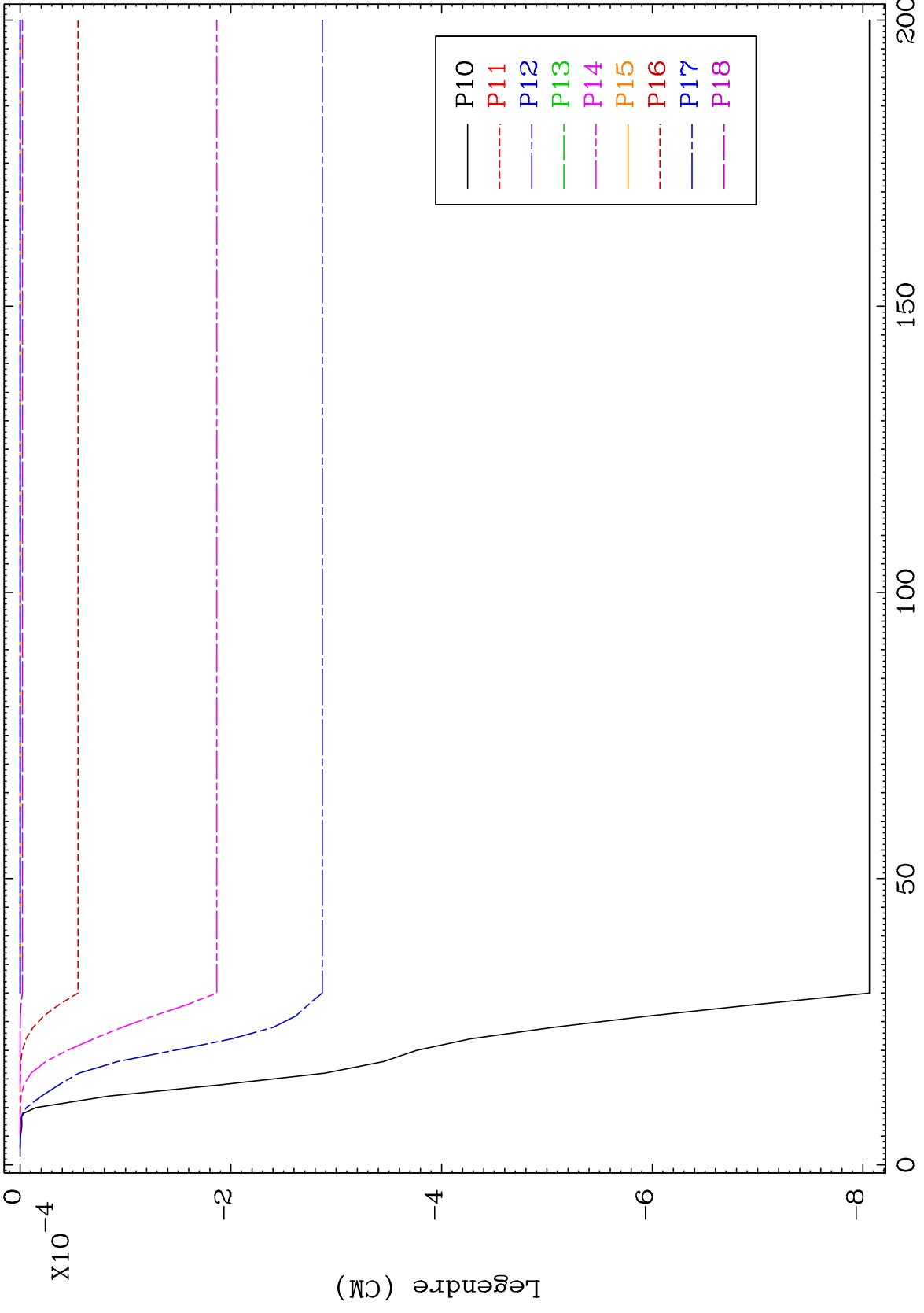
52-Te-127

MAT 5246 MT= 57 (n,n') Level Legendre Coefficients 52-Te-127



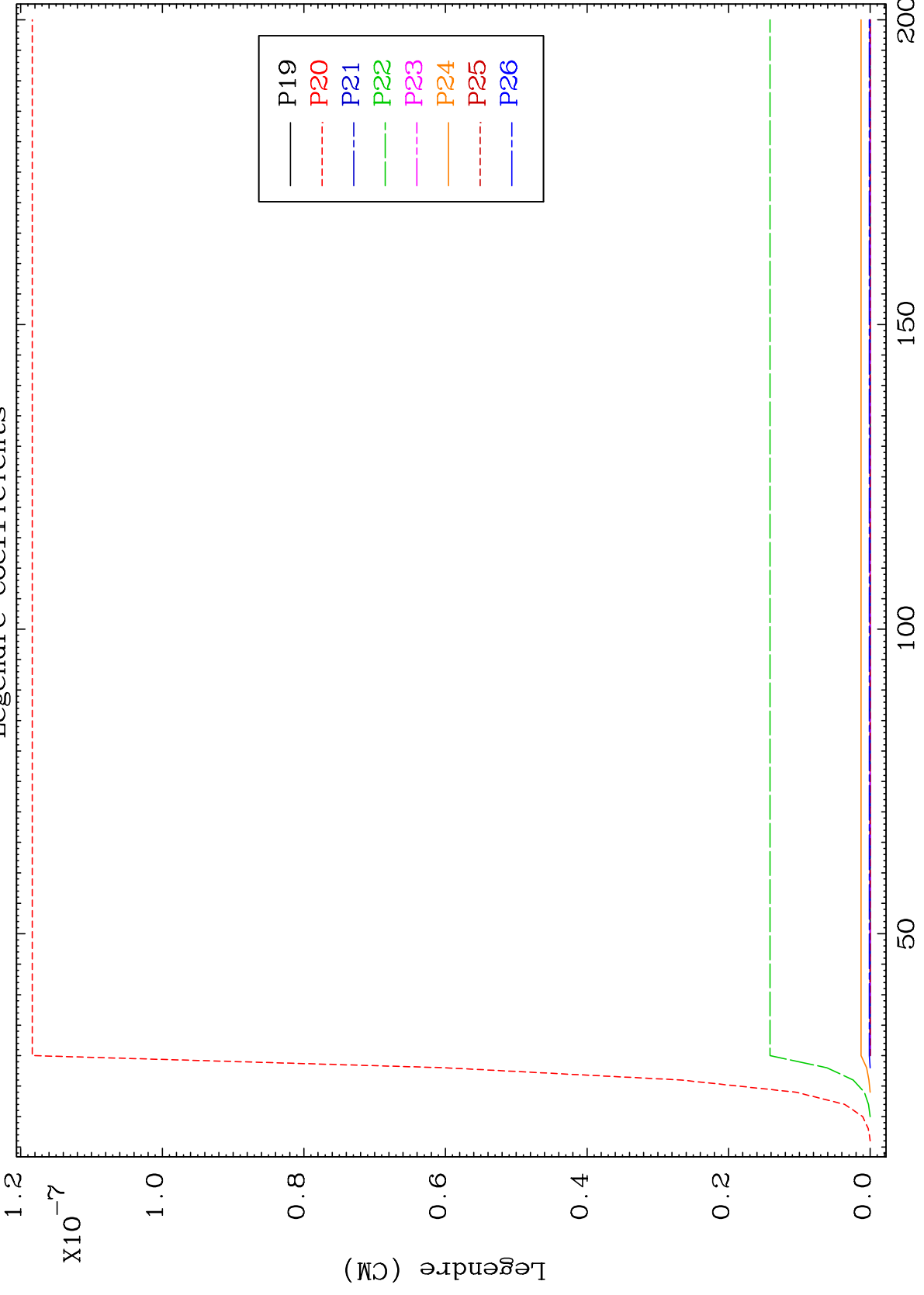
39 52-Te-127

MAT 5246 MT= 57 (n,n') Level Legendre Coefficients 52-Te-127



52-Te-127 Incident Energy (MeV)

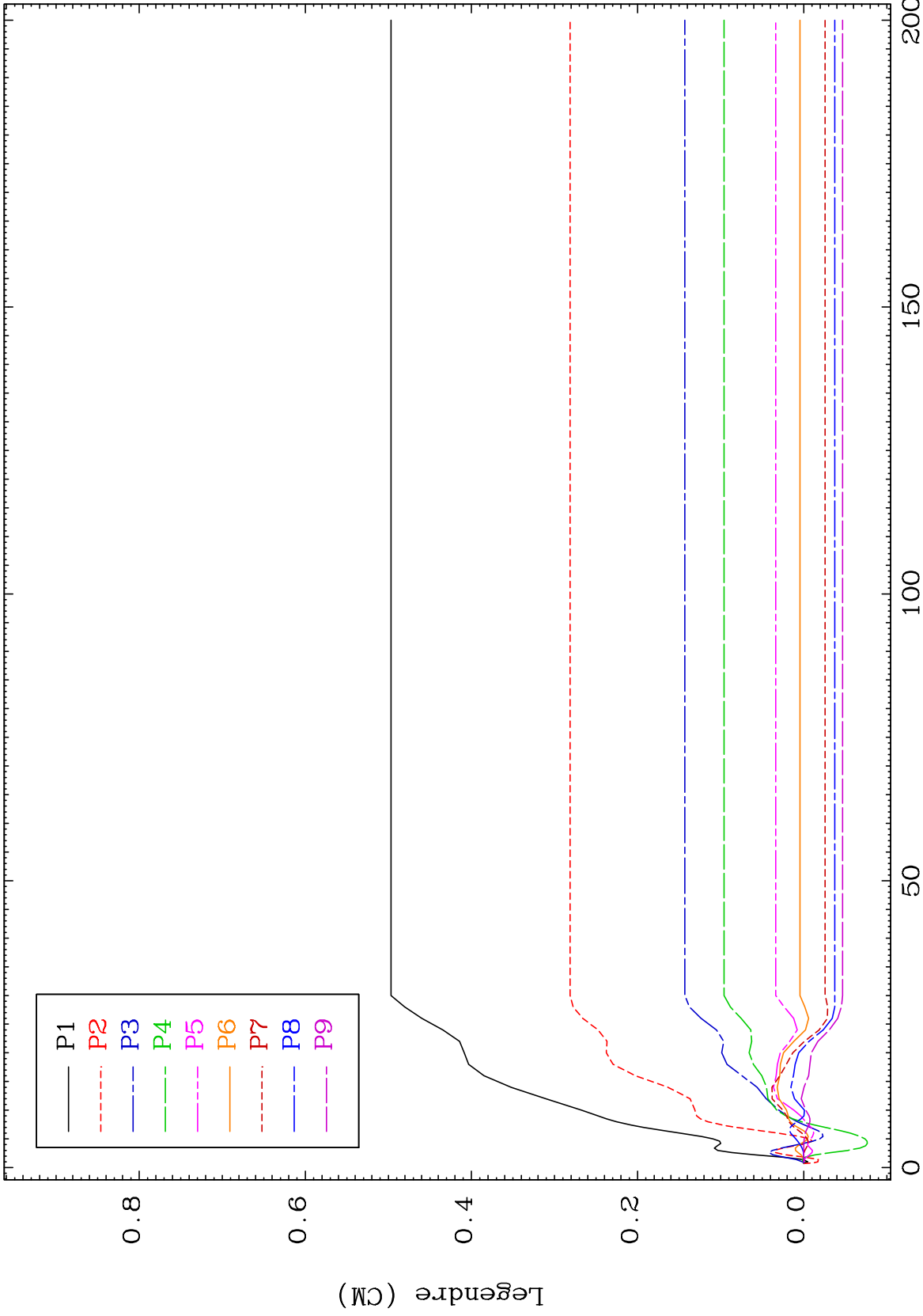
MAT 5246 MT= 57 (n,n') Level Legendre Coefficients 52-Te-127



MAT 5246

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

52-Te-127



42

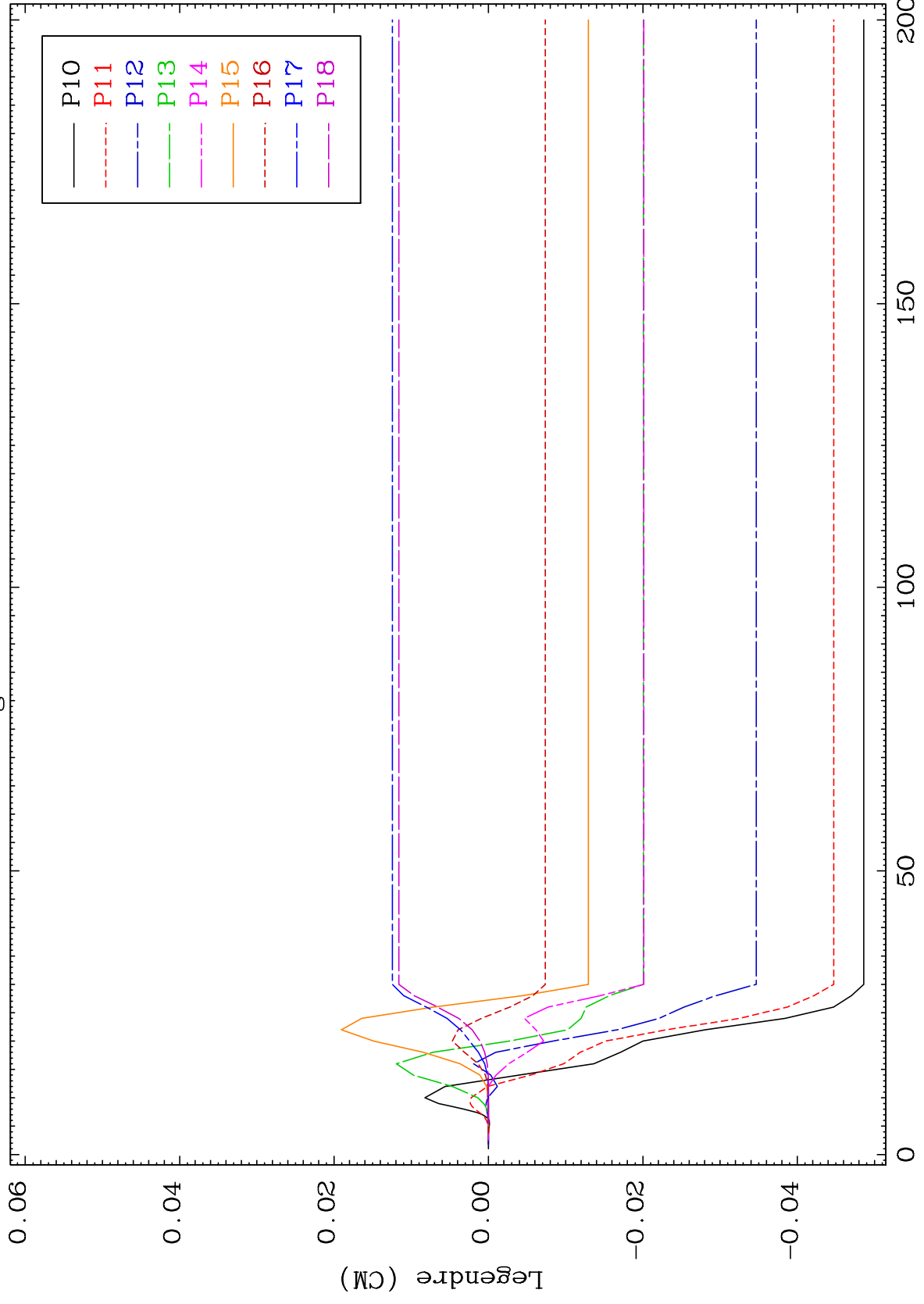
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



43

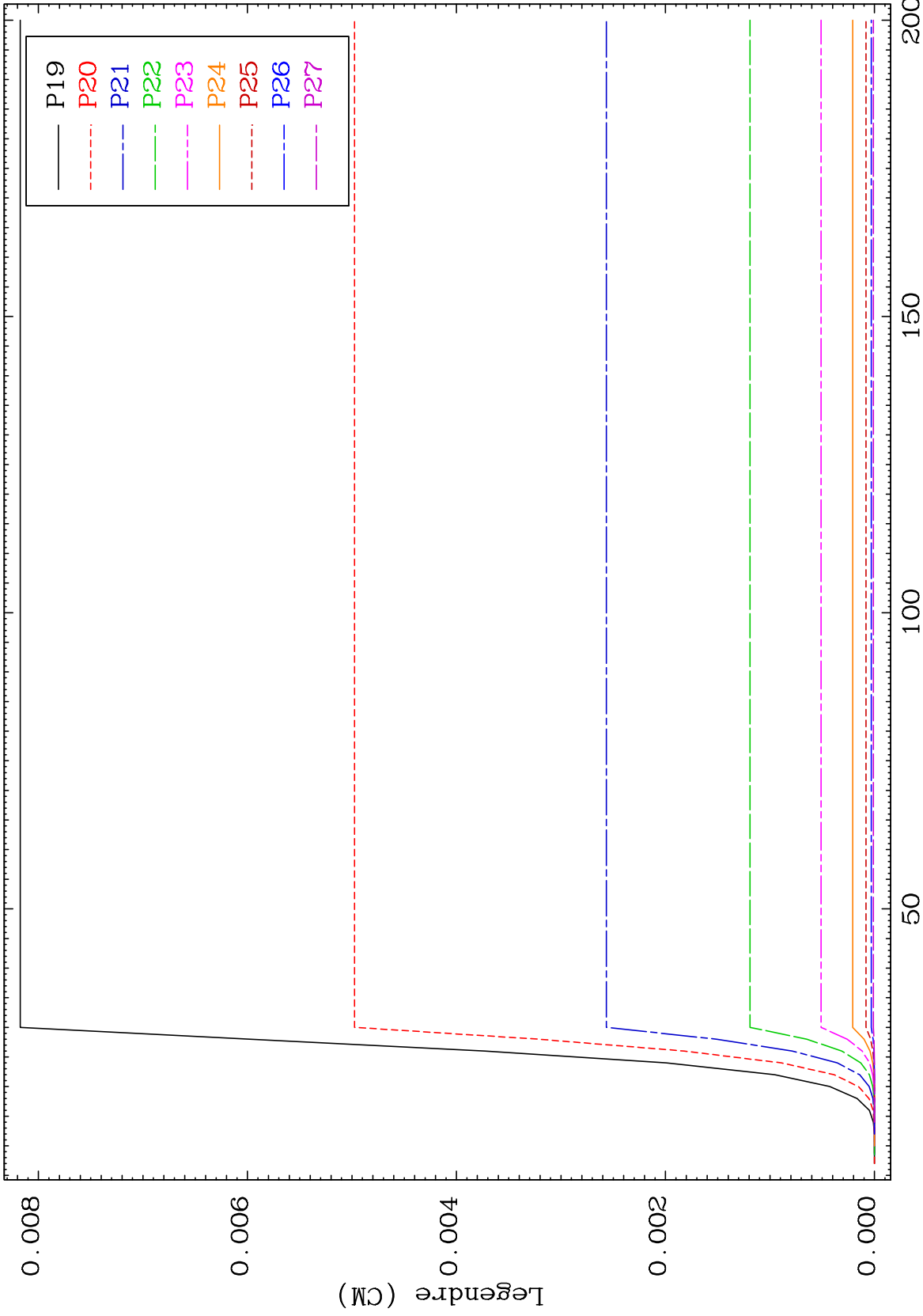
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



44

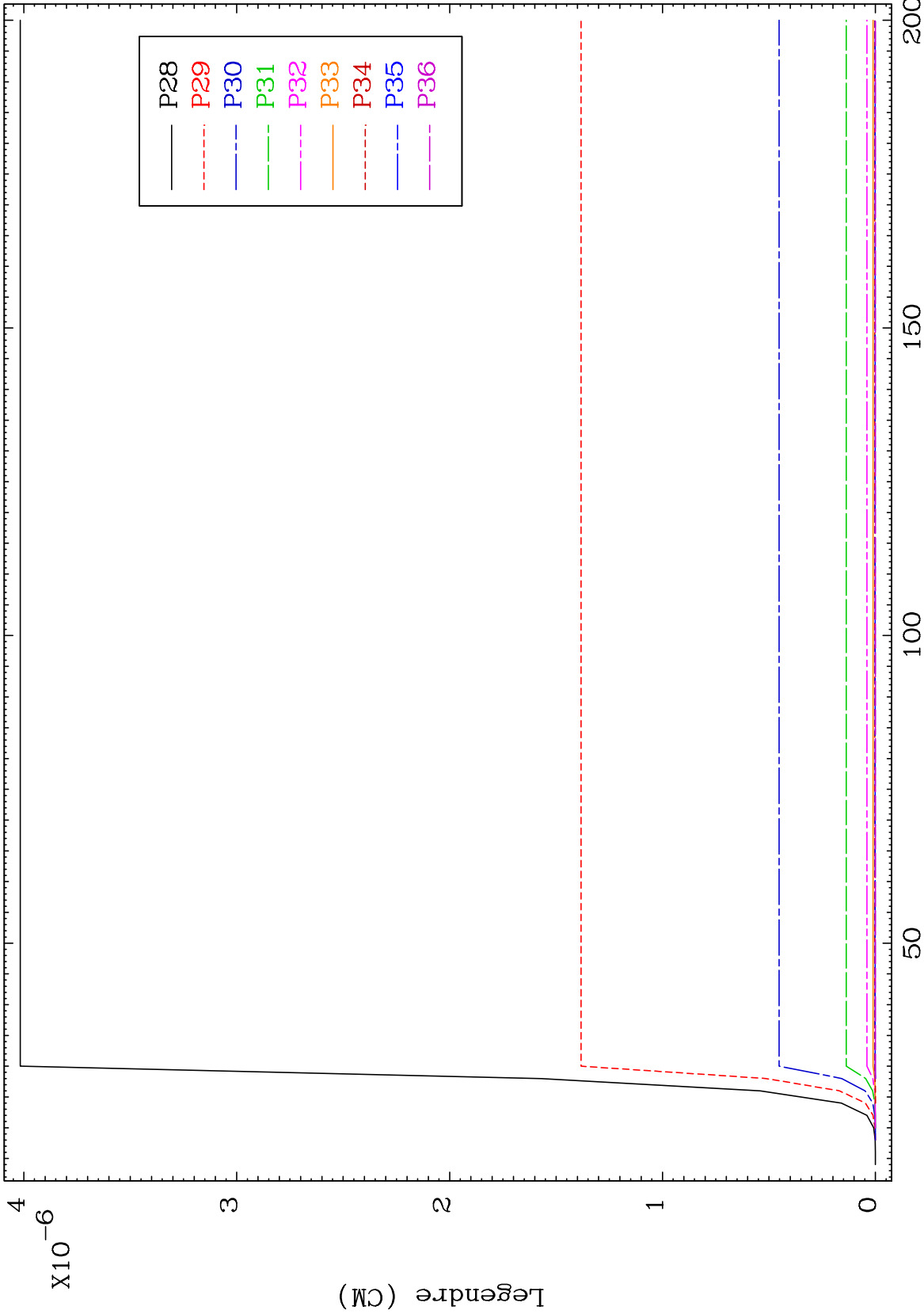
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



45

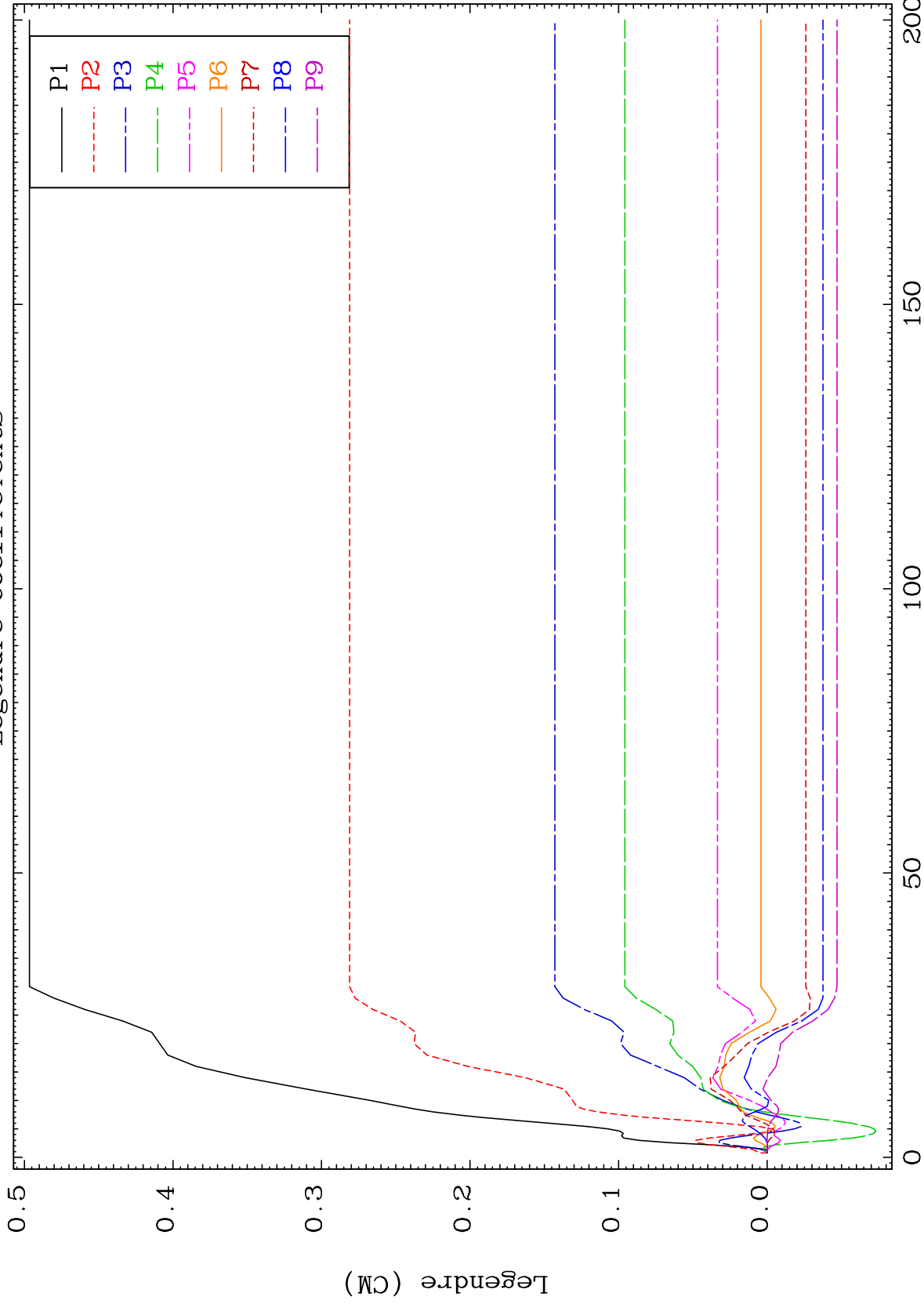
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



46

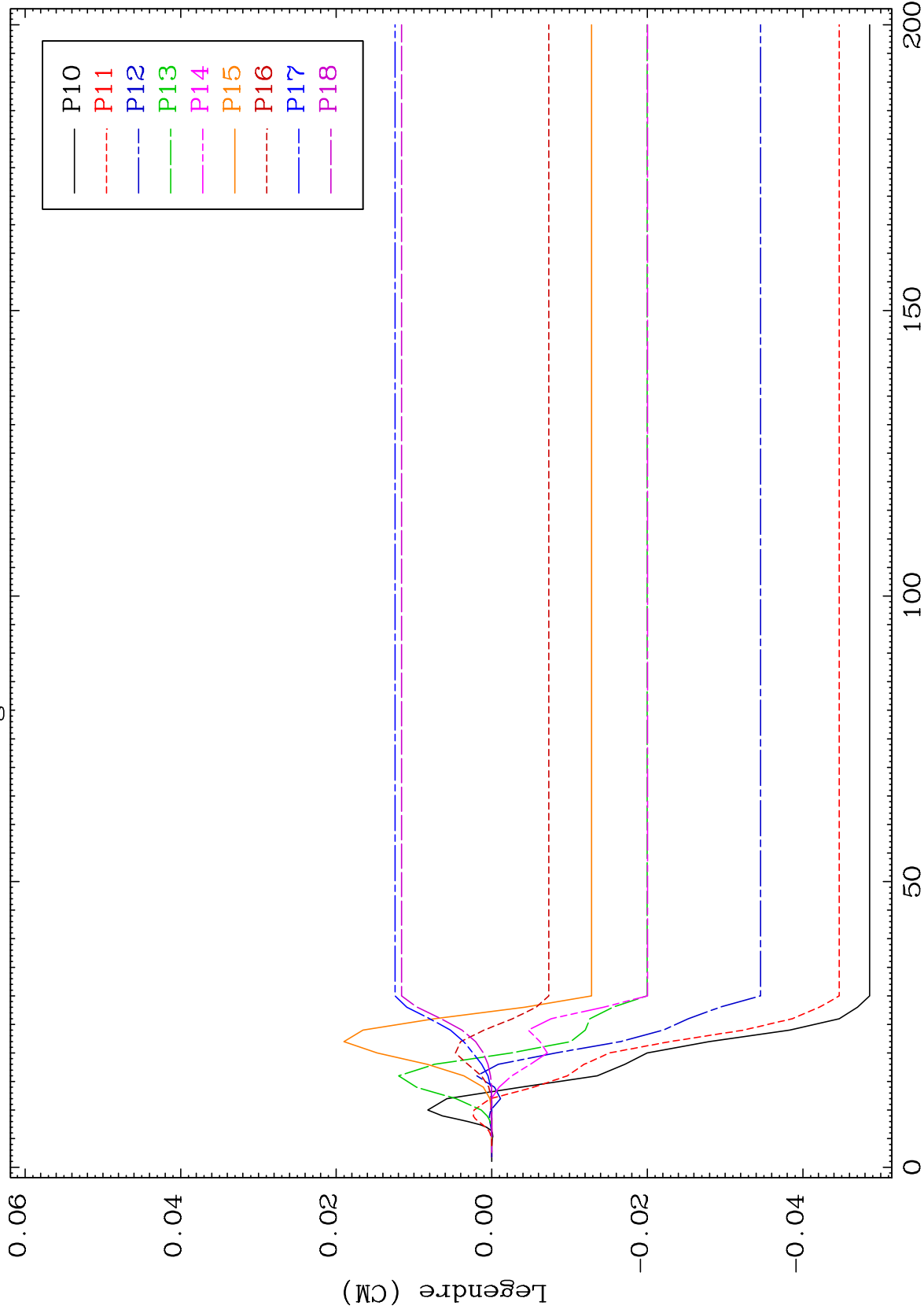
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



47

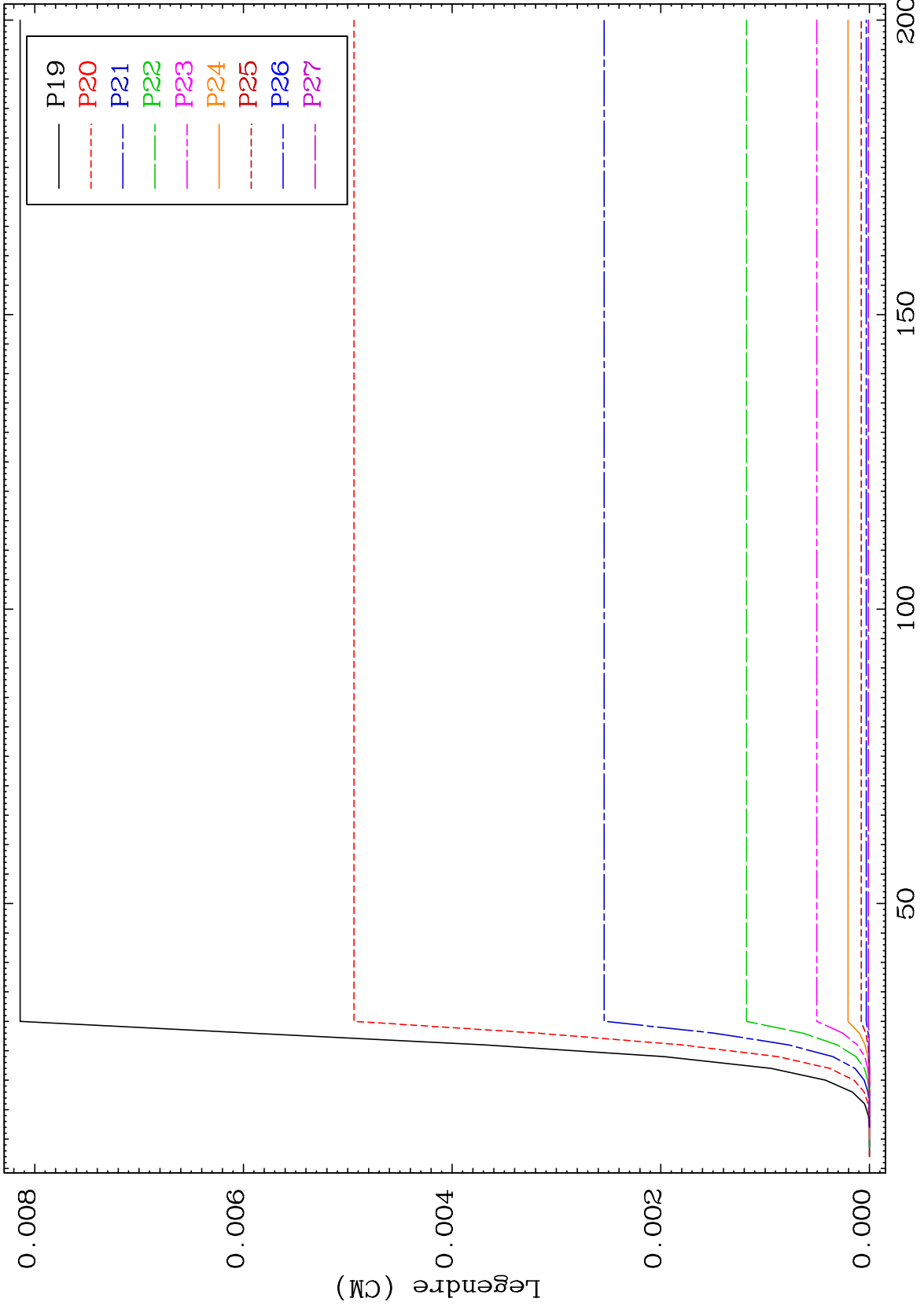
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



48

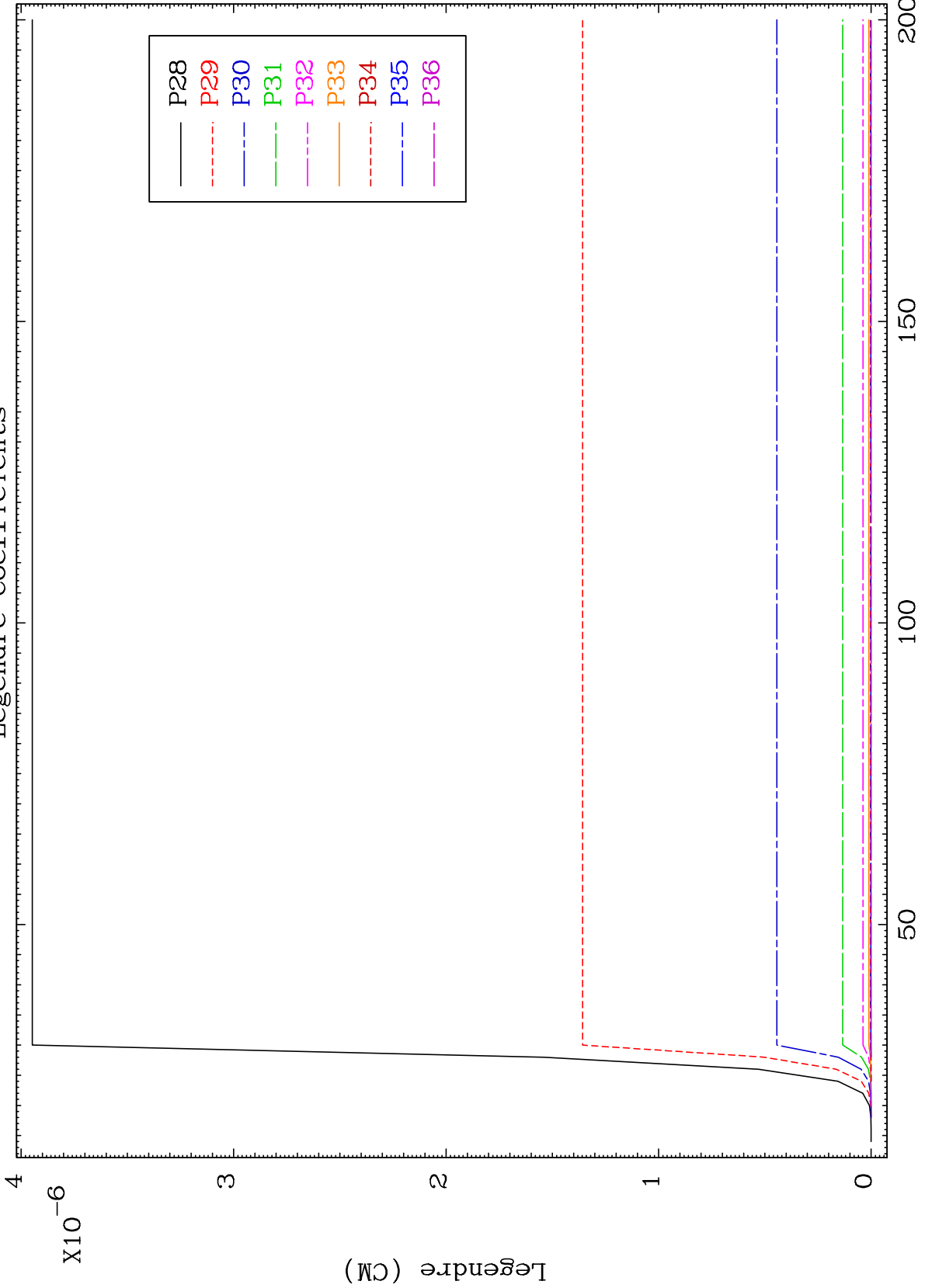
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



49

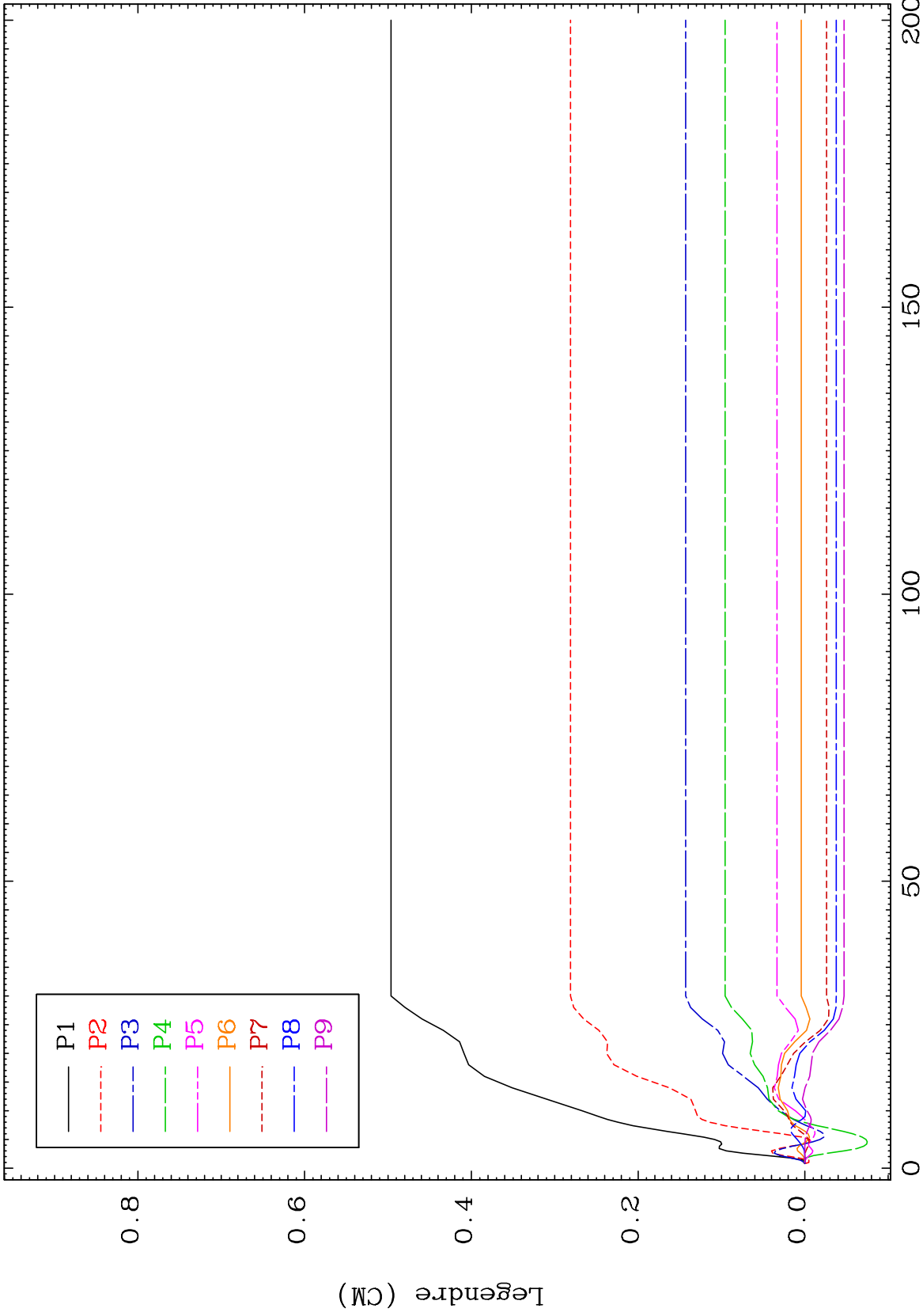
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



52-Te-127

Incident Energy (MeV)

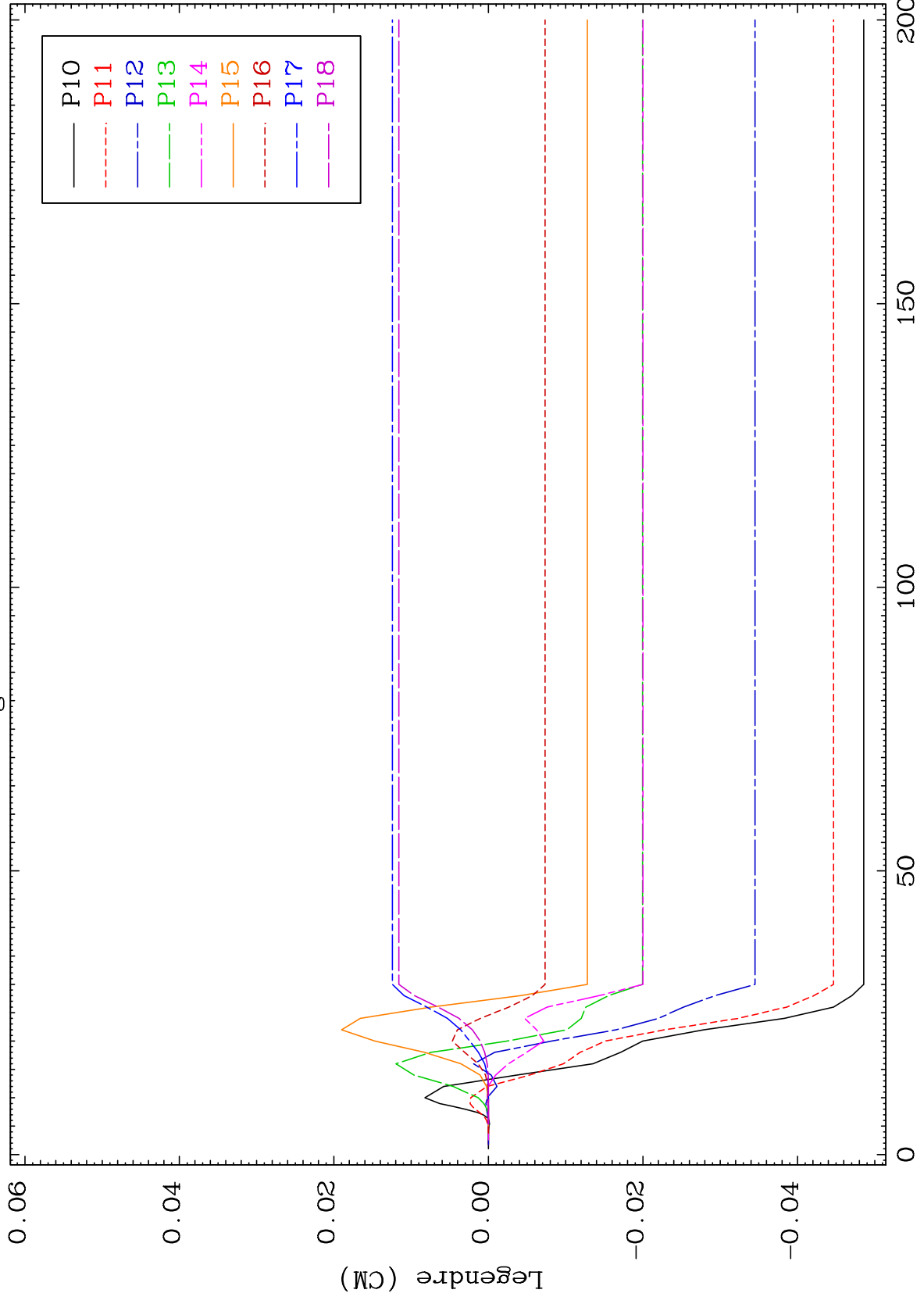
50

200

MAT 5246

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

52-Te-127

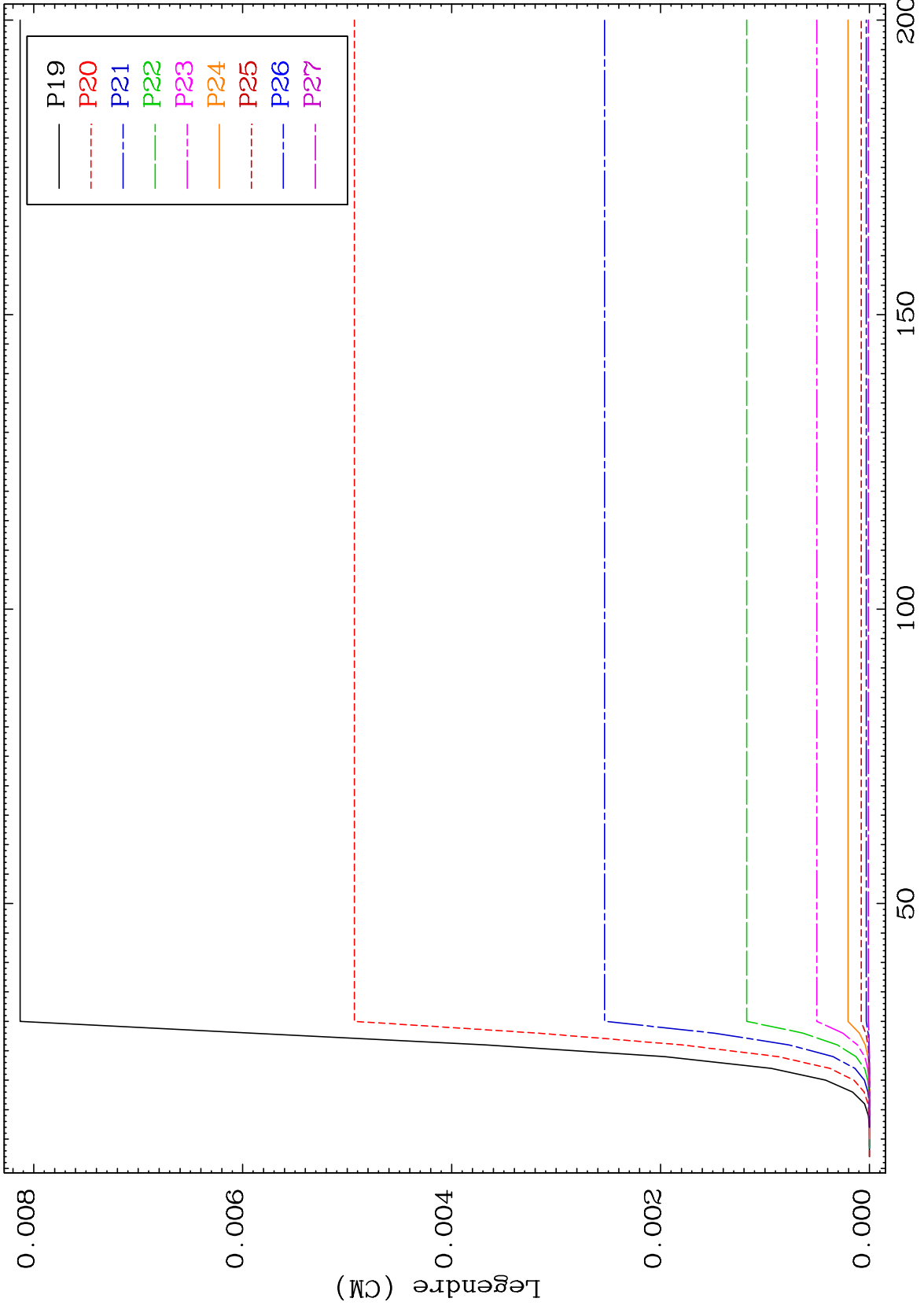


51

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 60 (n,n') Level Legendre Coefficients 52-Te-127

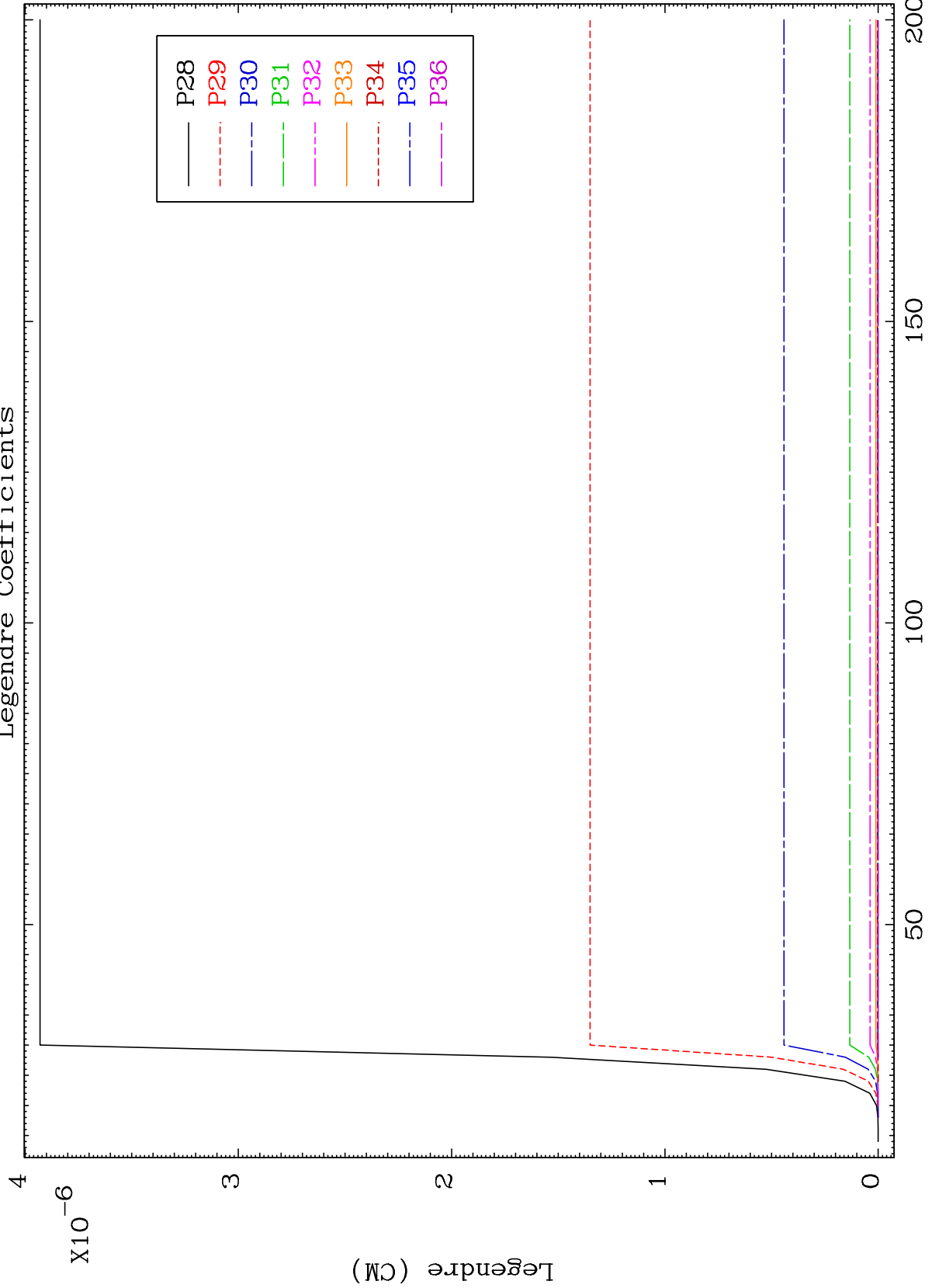


52-Te-127

MAT 5246

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

52-Te-127



53

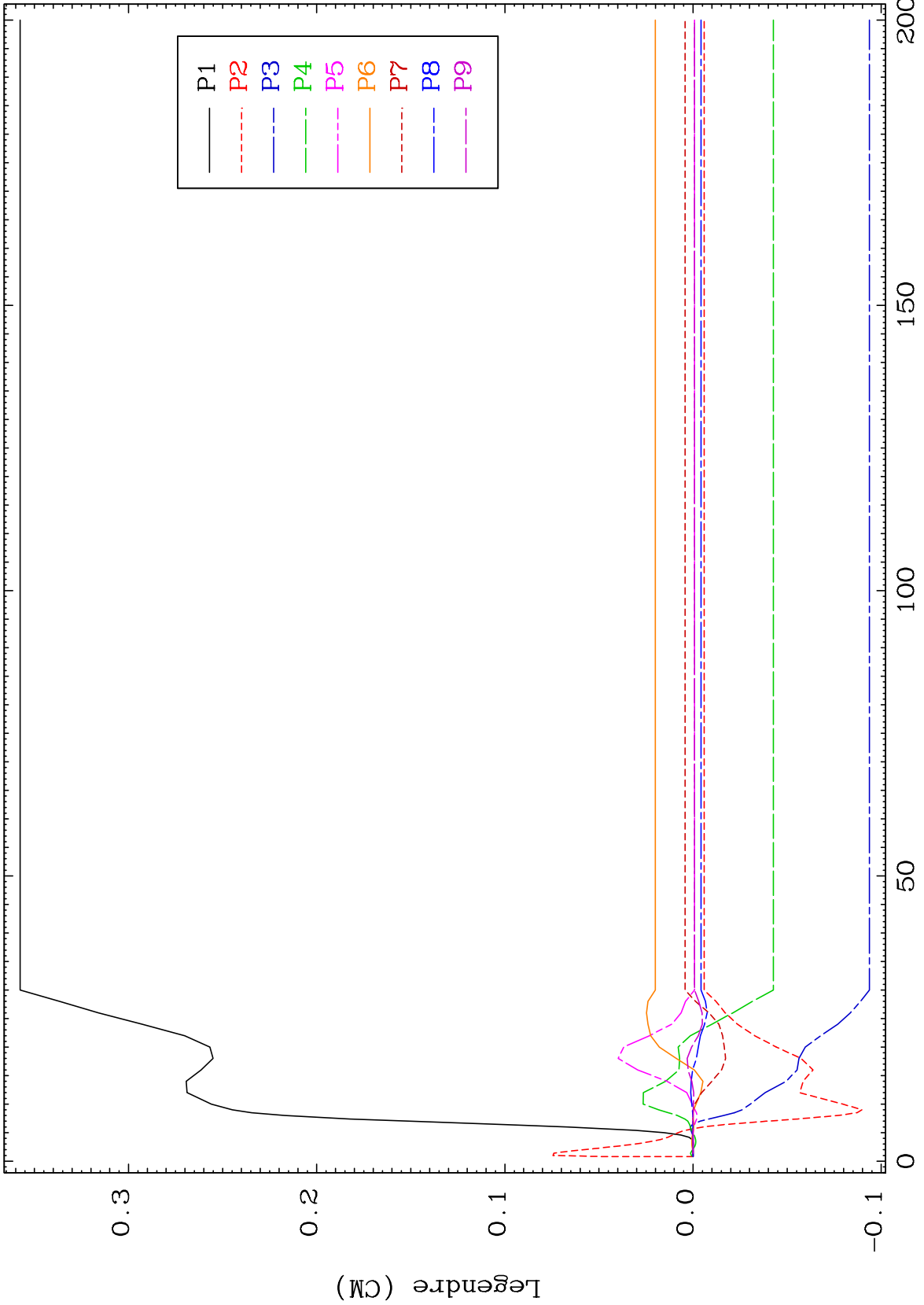
Incident Energy (MeV)

52-Te-127

MAT 5246

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

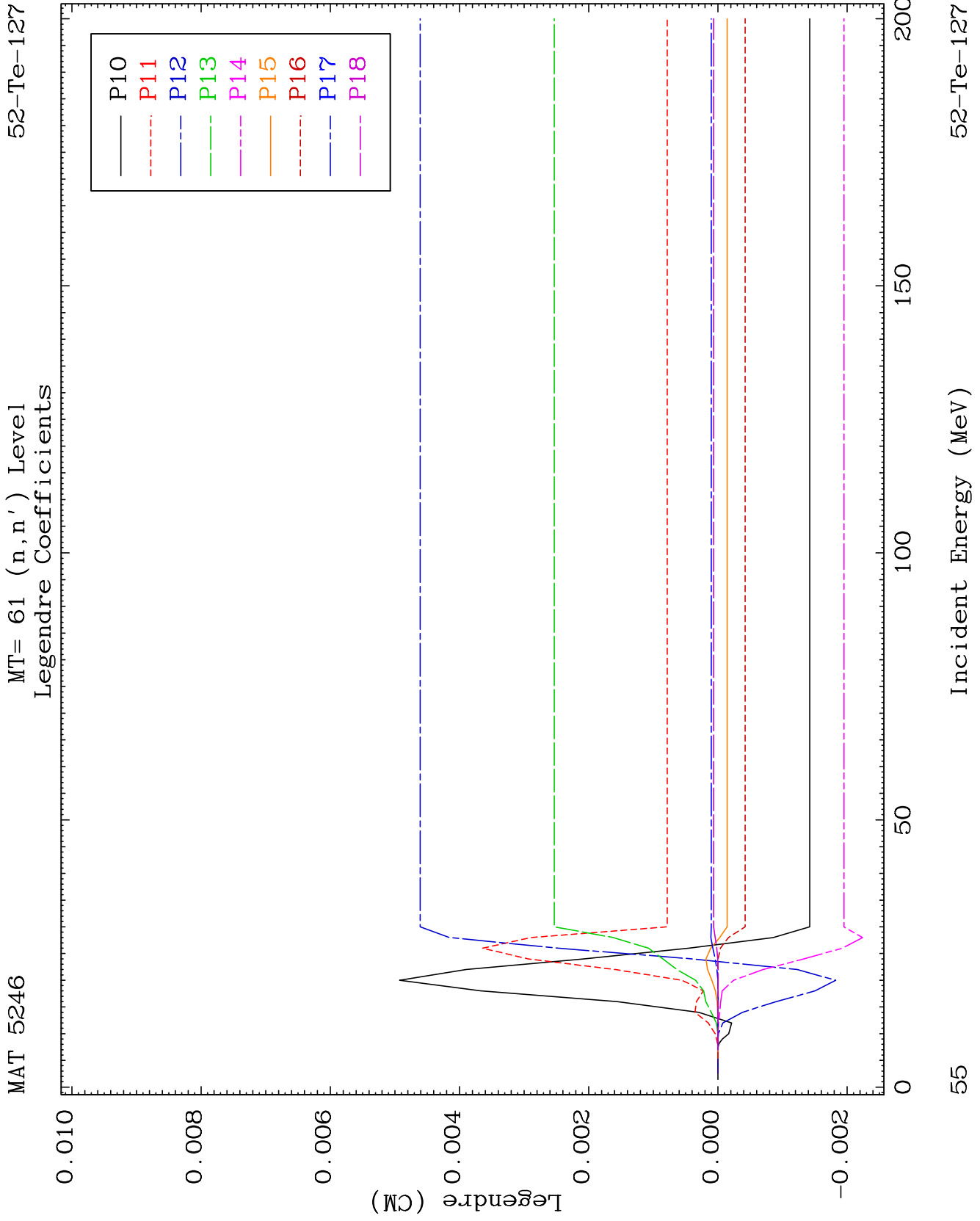
52-Te-127



54

Incident Energy (MeV)

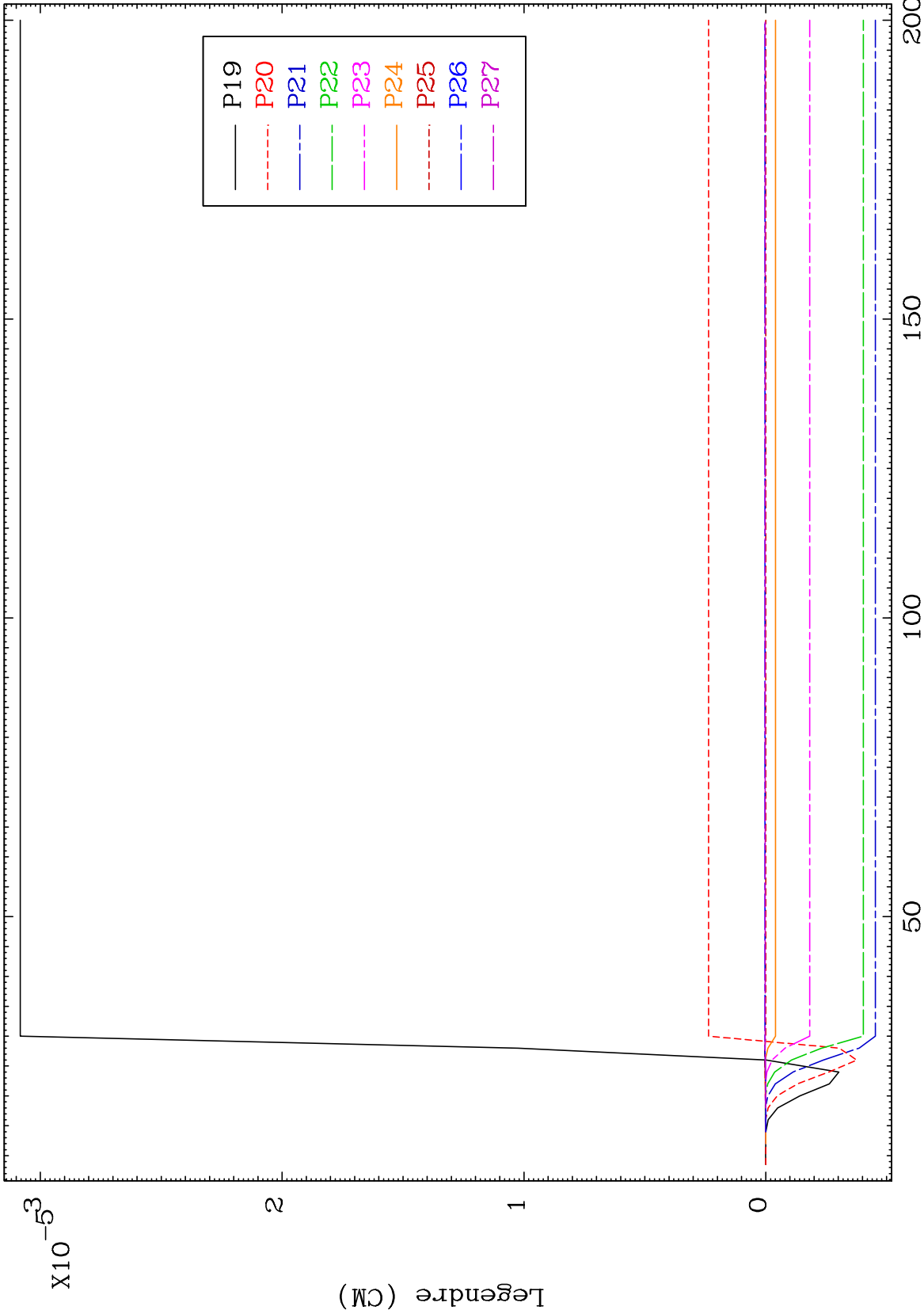
52-Te-127



MAT 5246

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

52-Te-127



56

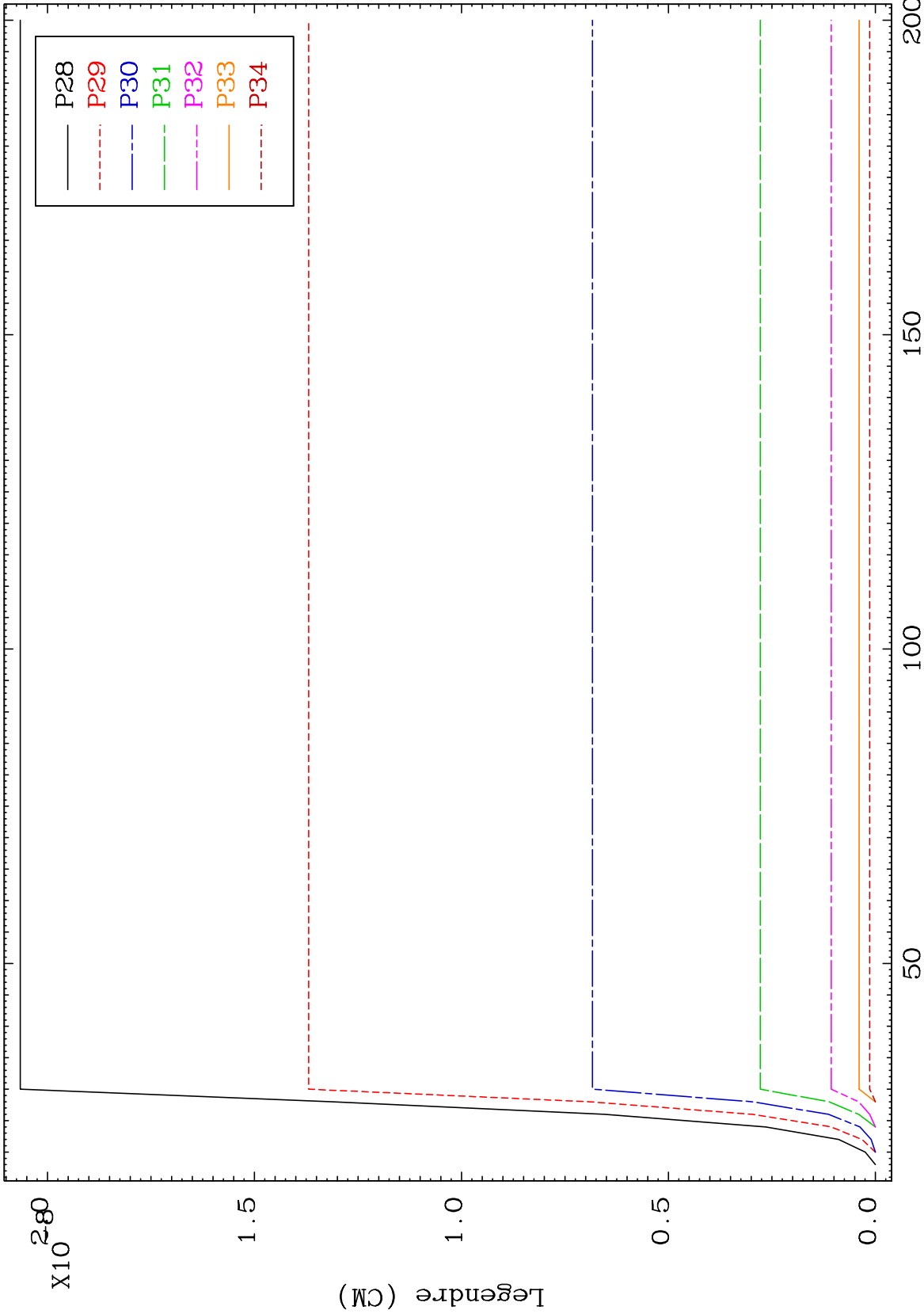
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



57

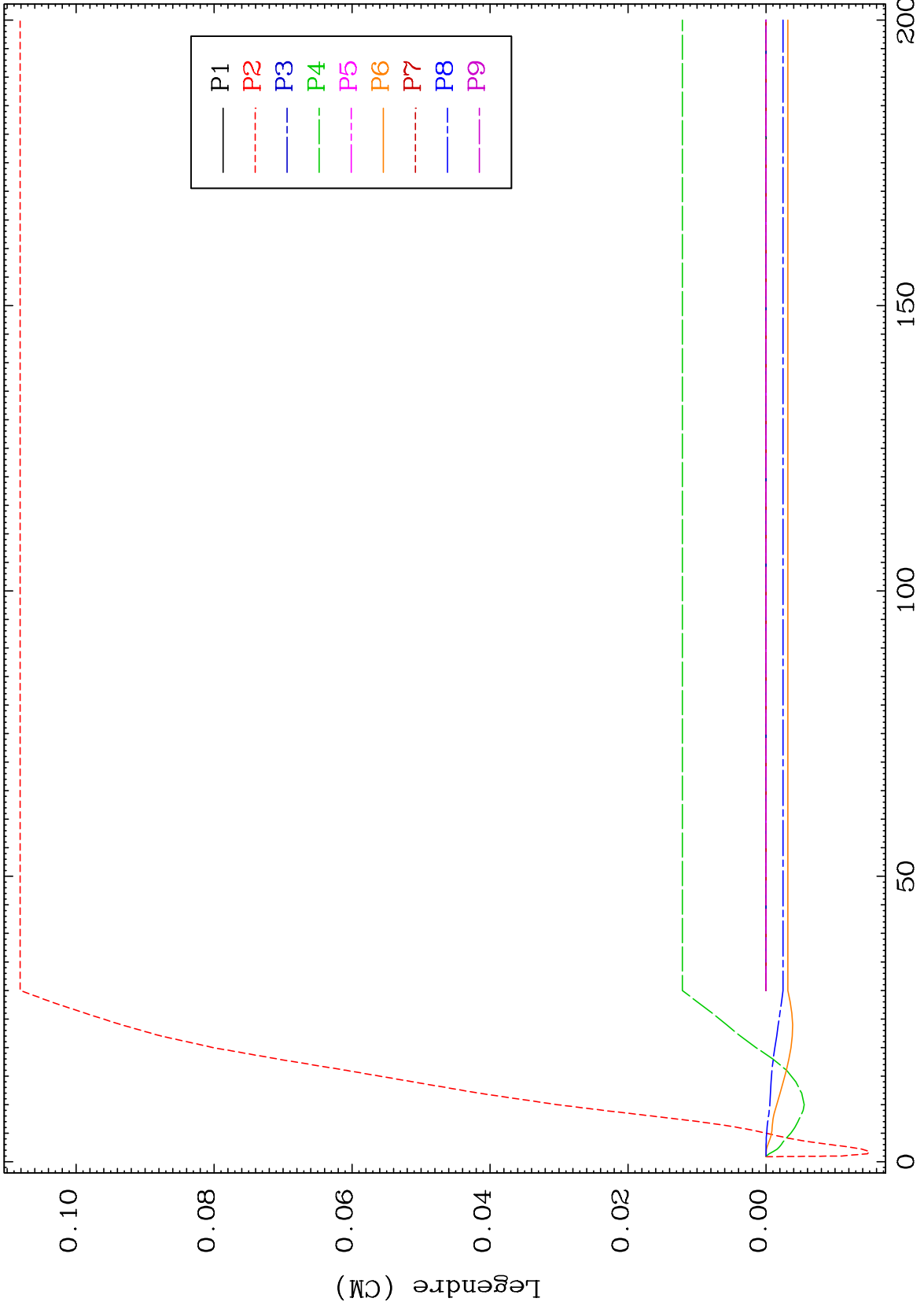
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



58

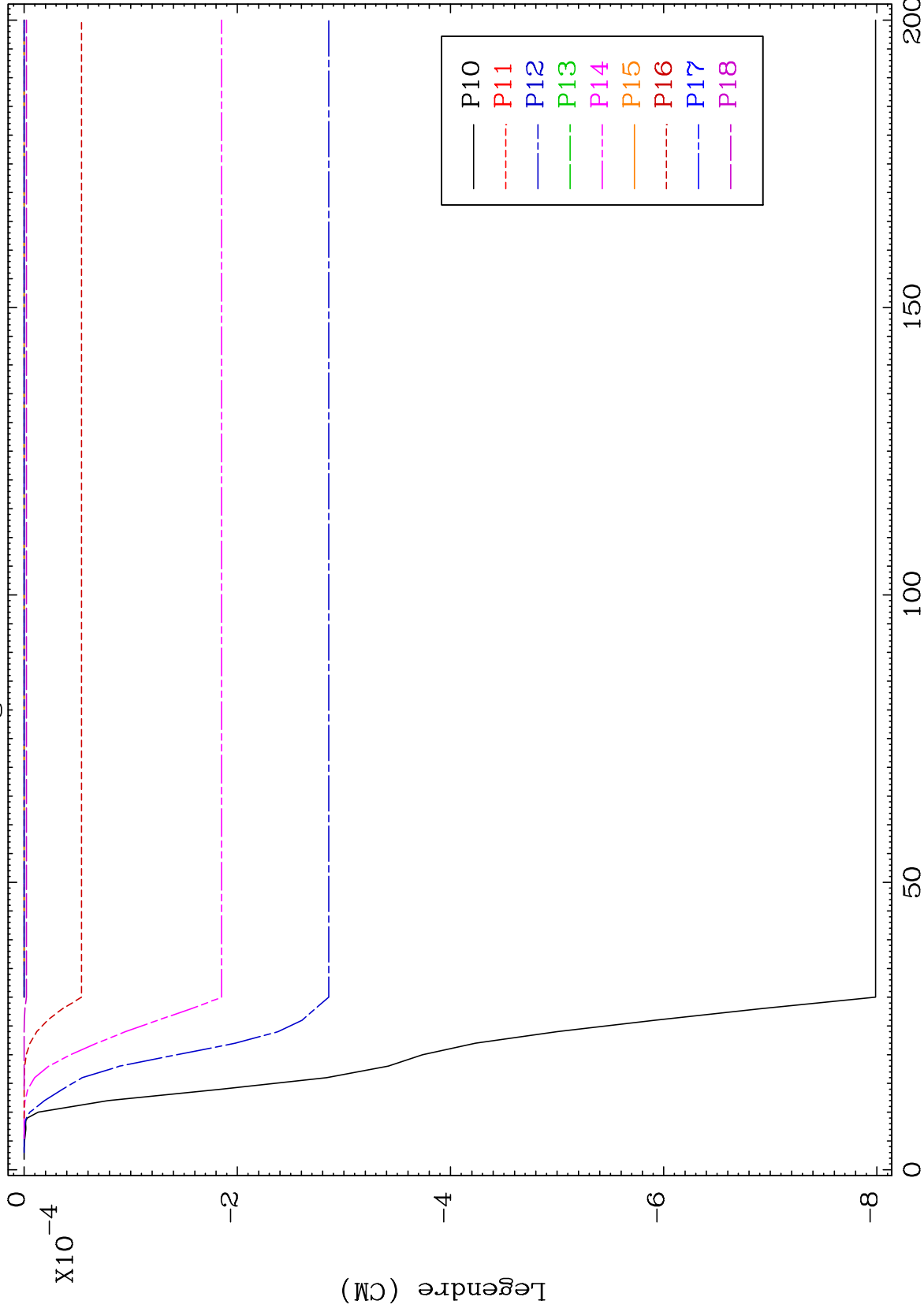
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



59

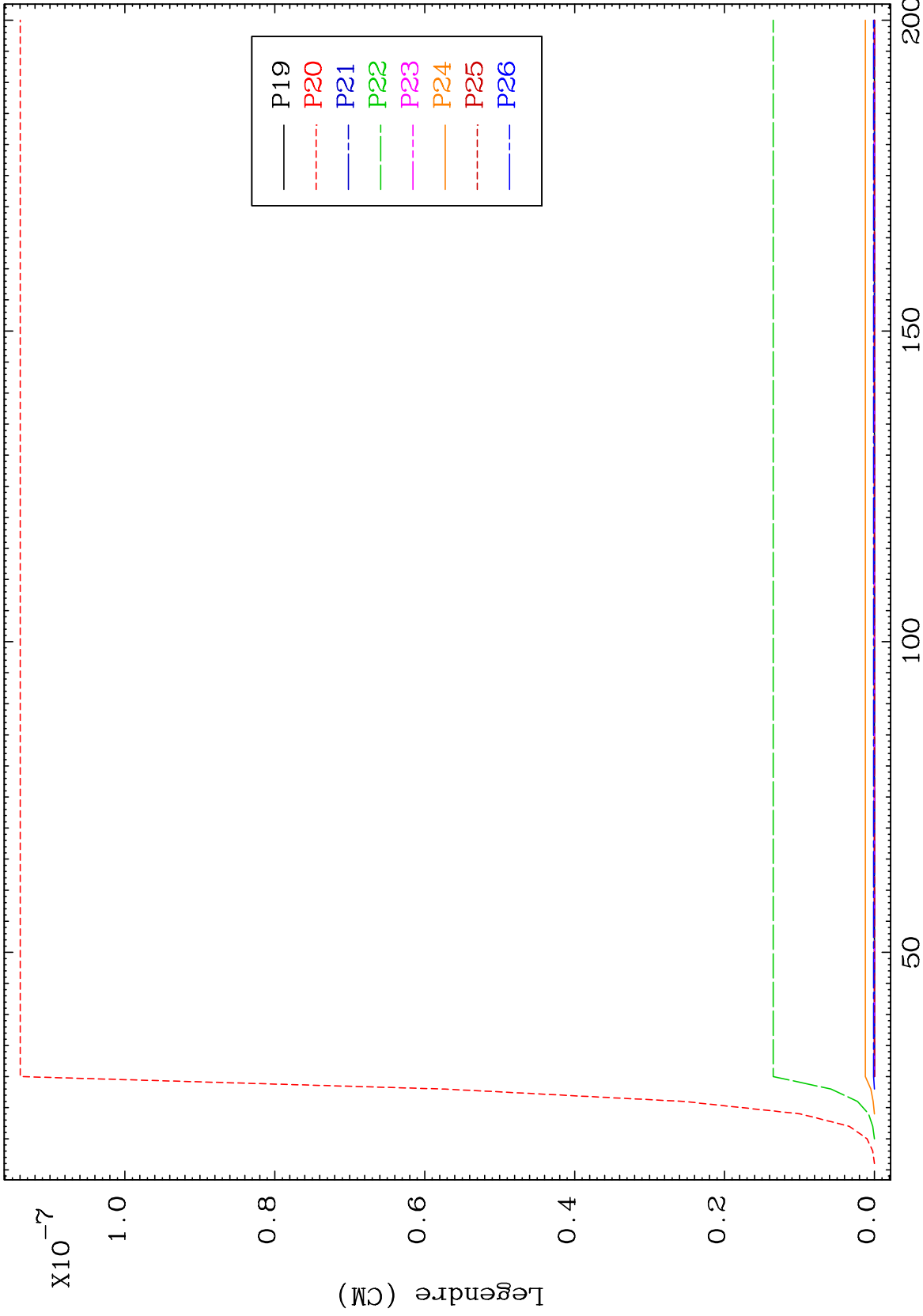
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



60

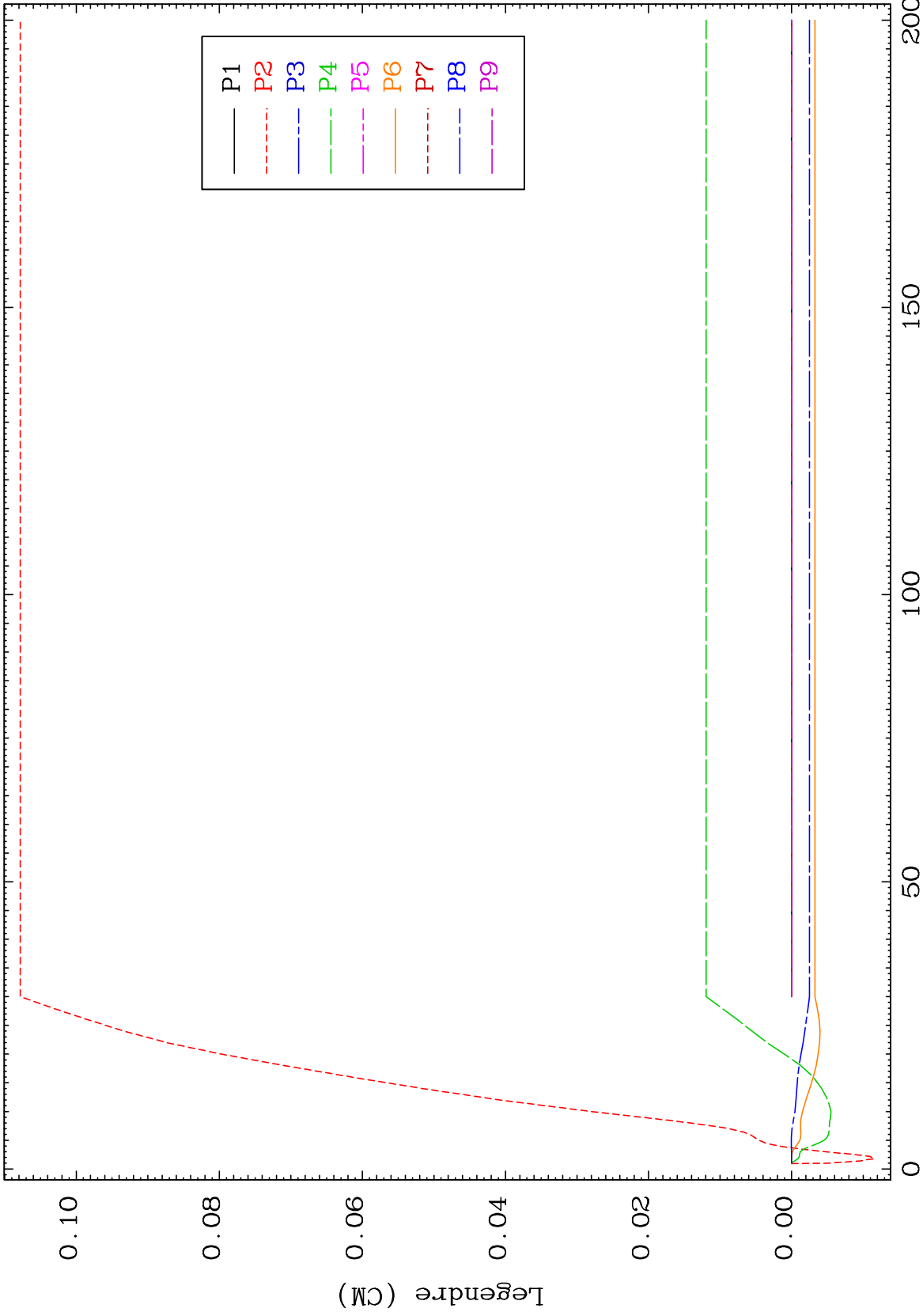
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



61

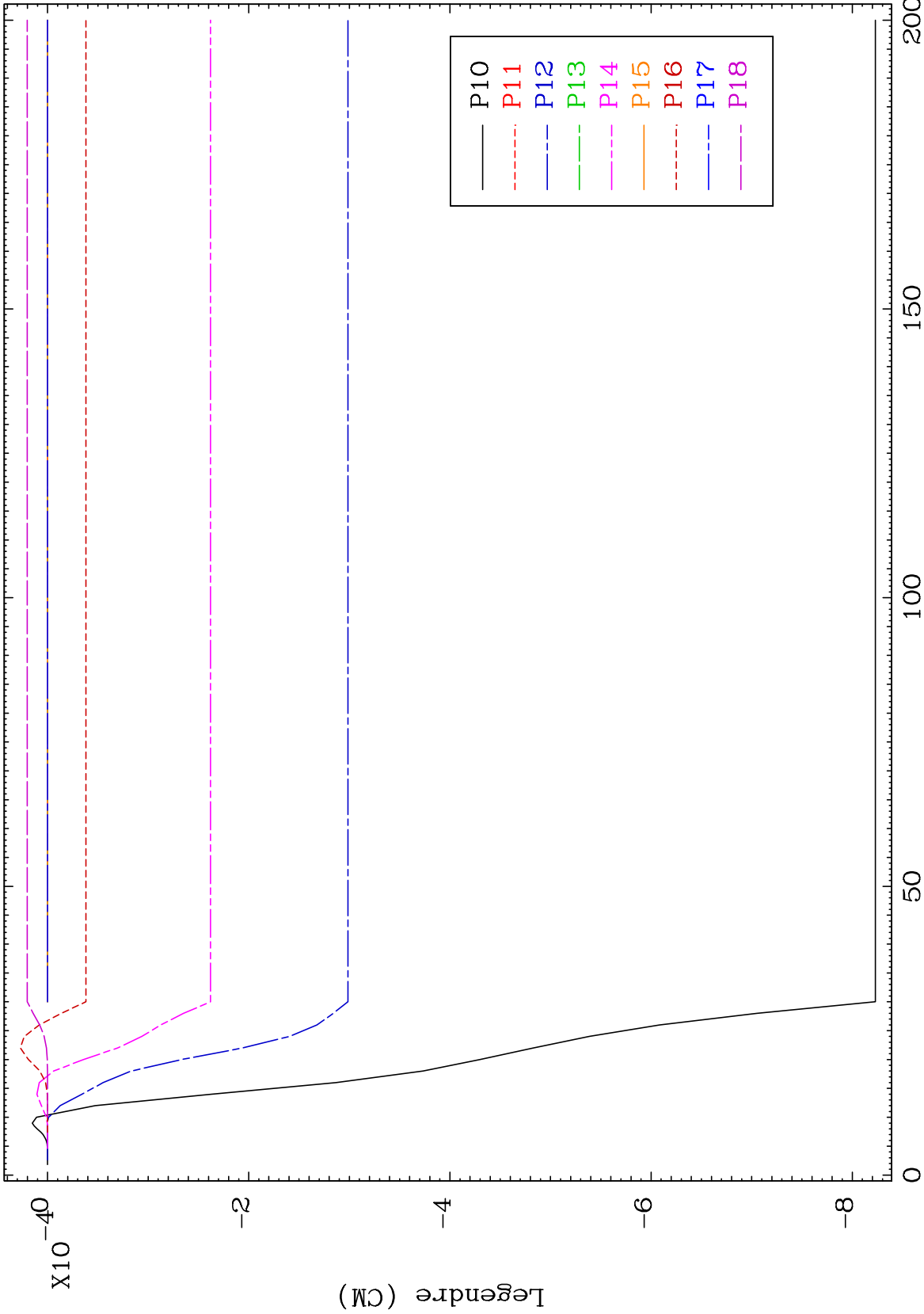
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127

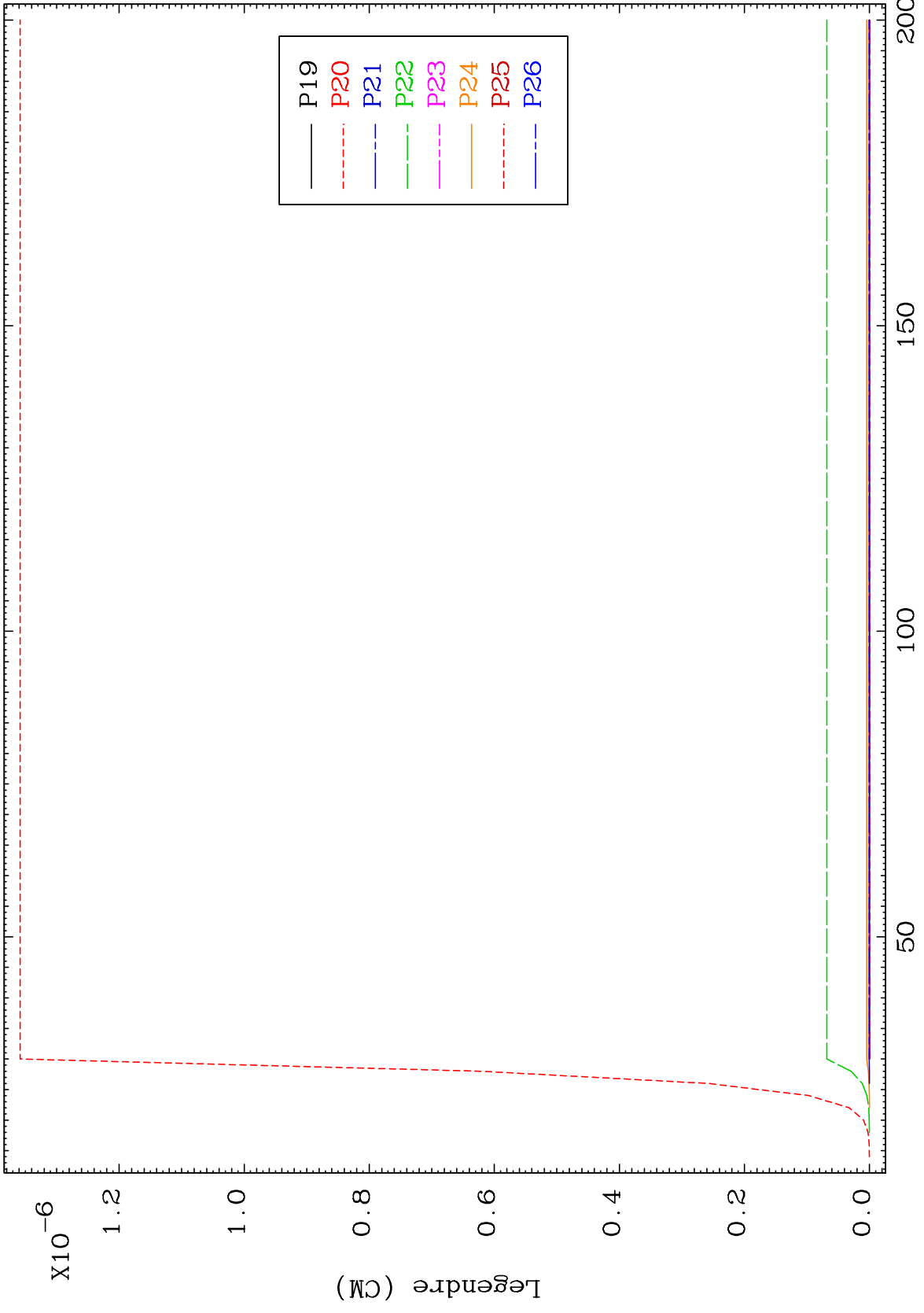


62

Incident Energy (MeV)

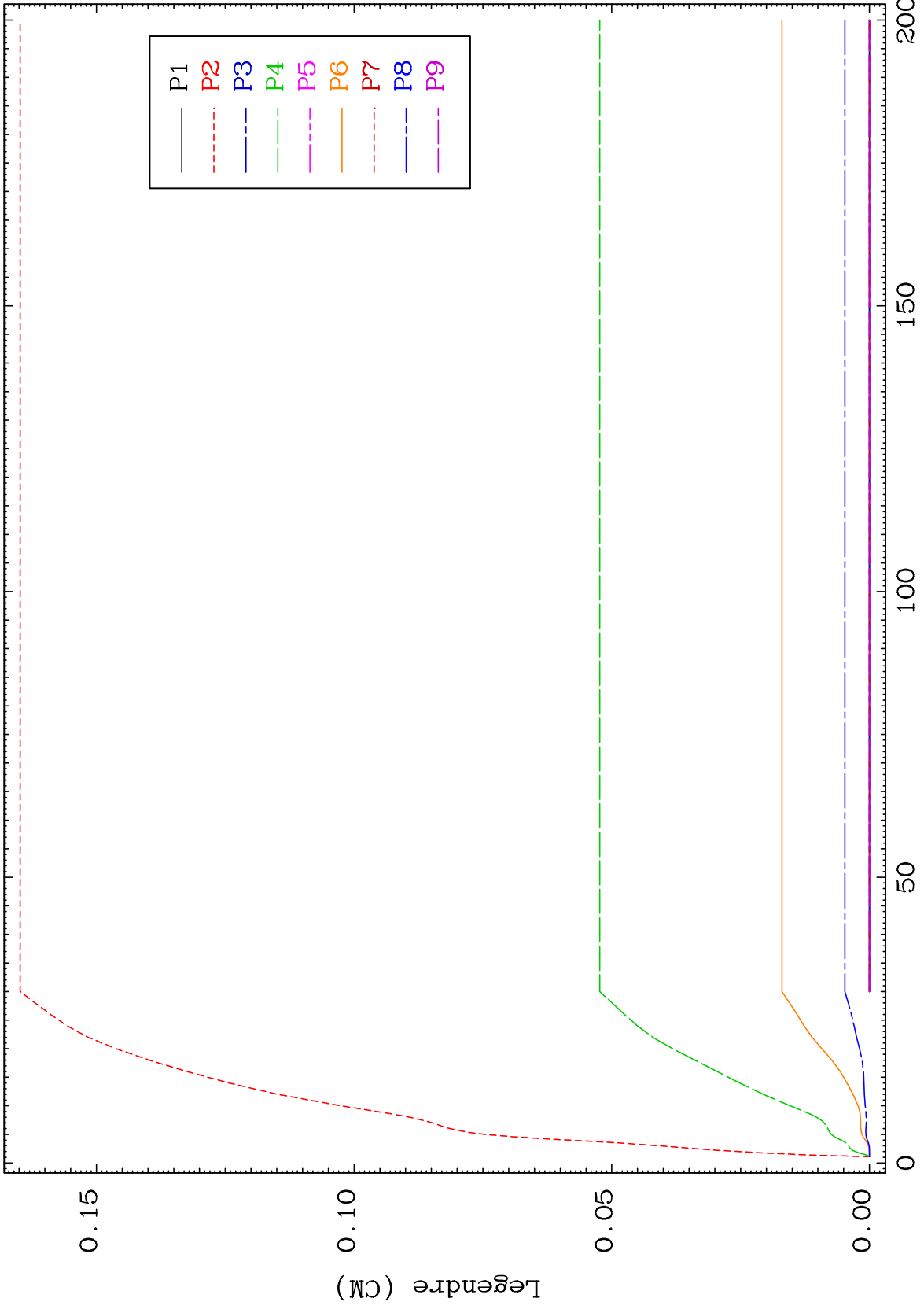
52-Te-127

MAT 5246 MT= 63 (n,n') Level Legendre Coefficients 52-Te-127



63 52-Te-127

MAT 5246 MT= 64 (n,n') Level Legendre Coefficients 52-Te-127

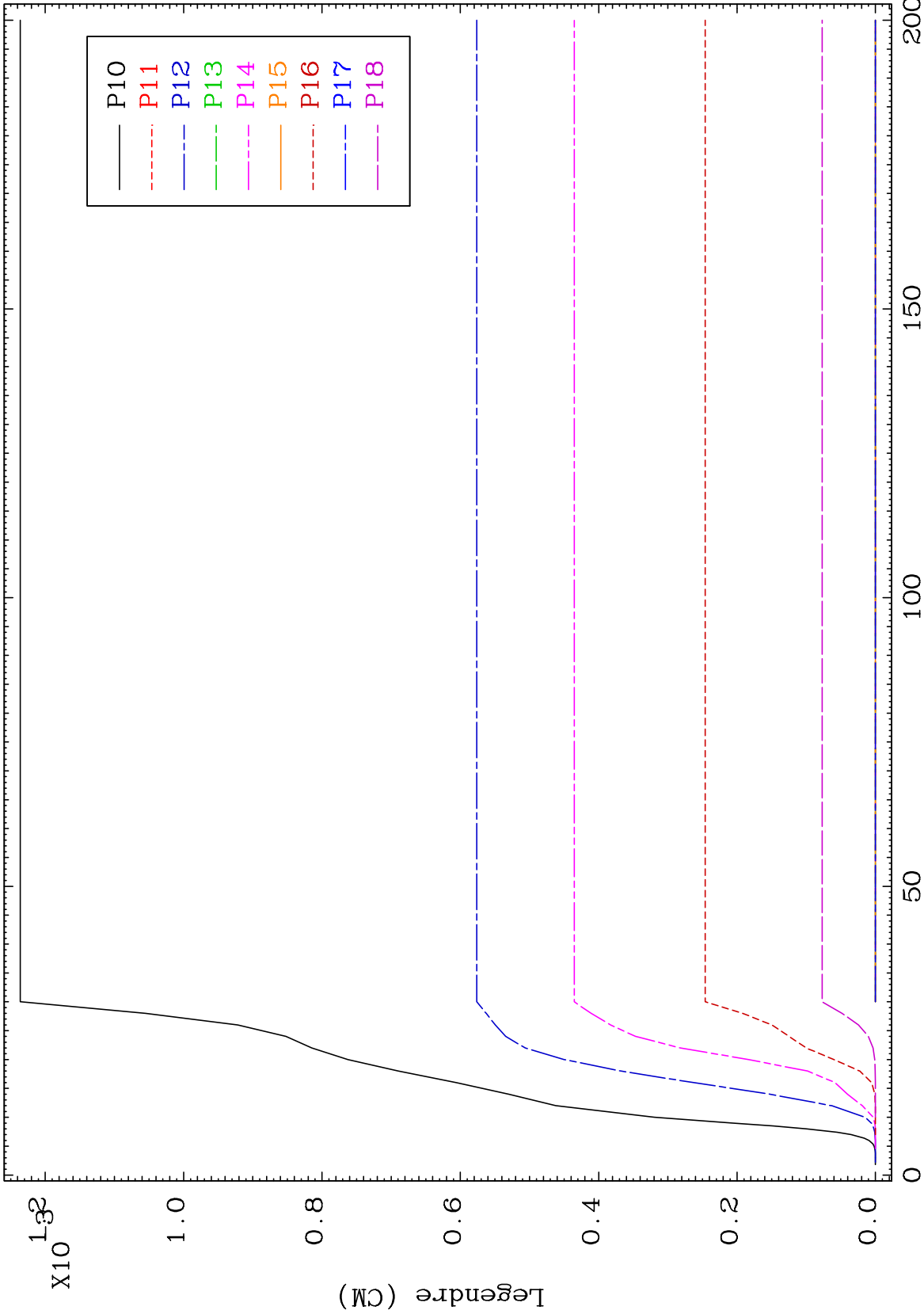


64 52-Te-127

MAT 5246

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

52-Te-127

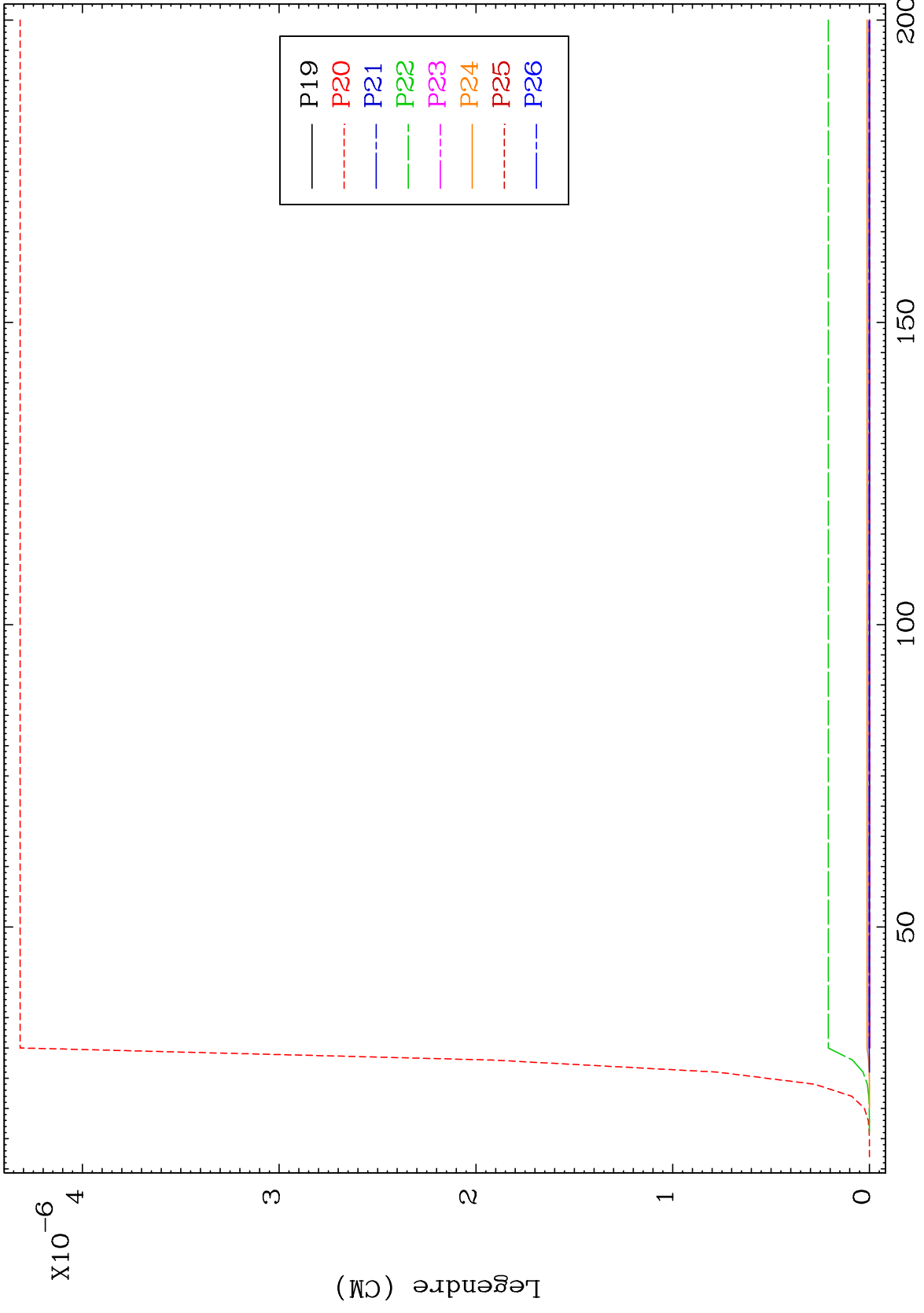


65

Incident Energy (MeV)

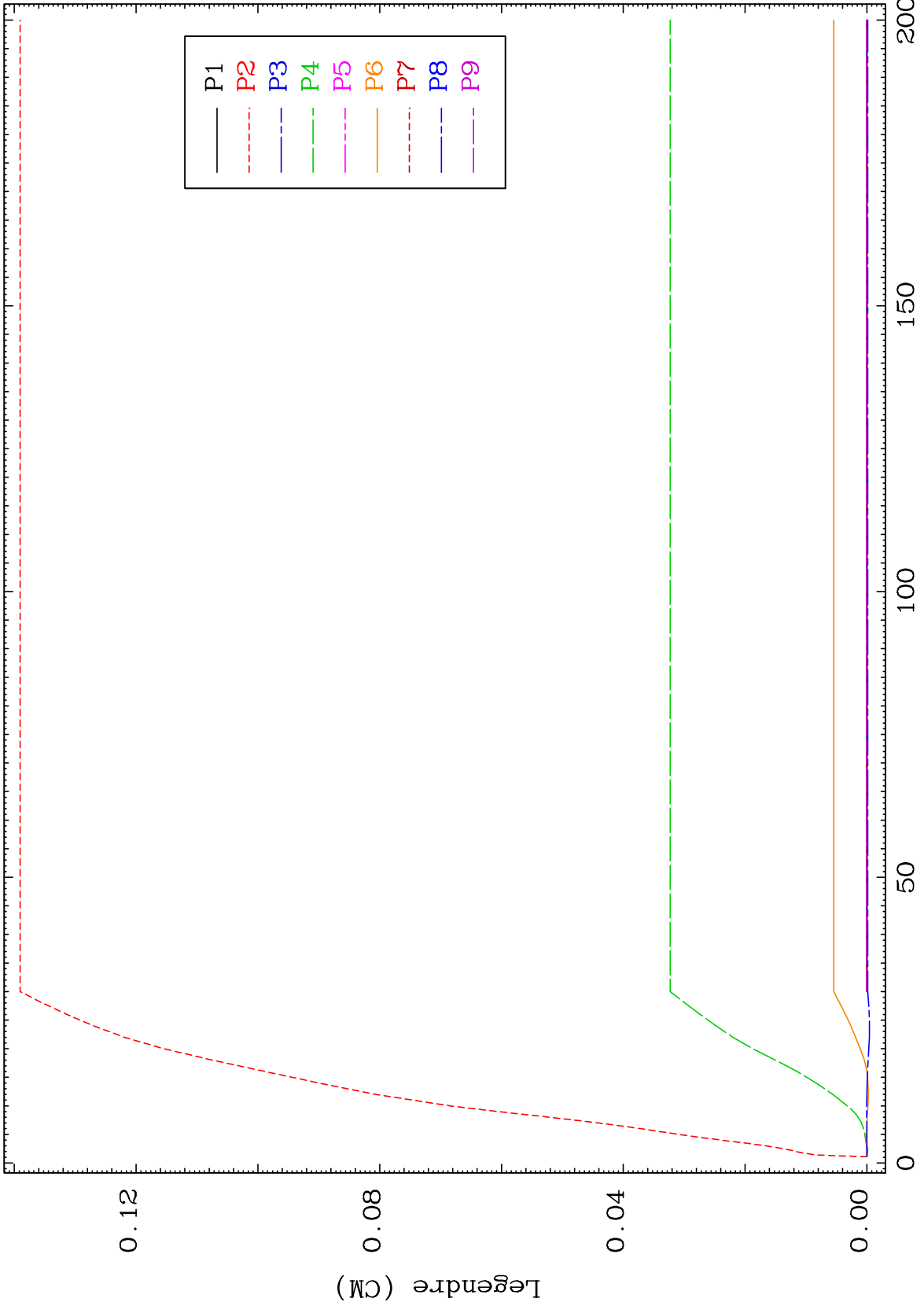
52-Te-127

MAT 5246 MT= 64 (n,n') Level Legendre Coefficients 52-Te-127



66 52-Te-127

MAT 5246 MT= 65 (n,n') Level Legendre Coefficients 52-Te-127

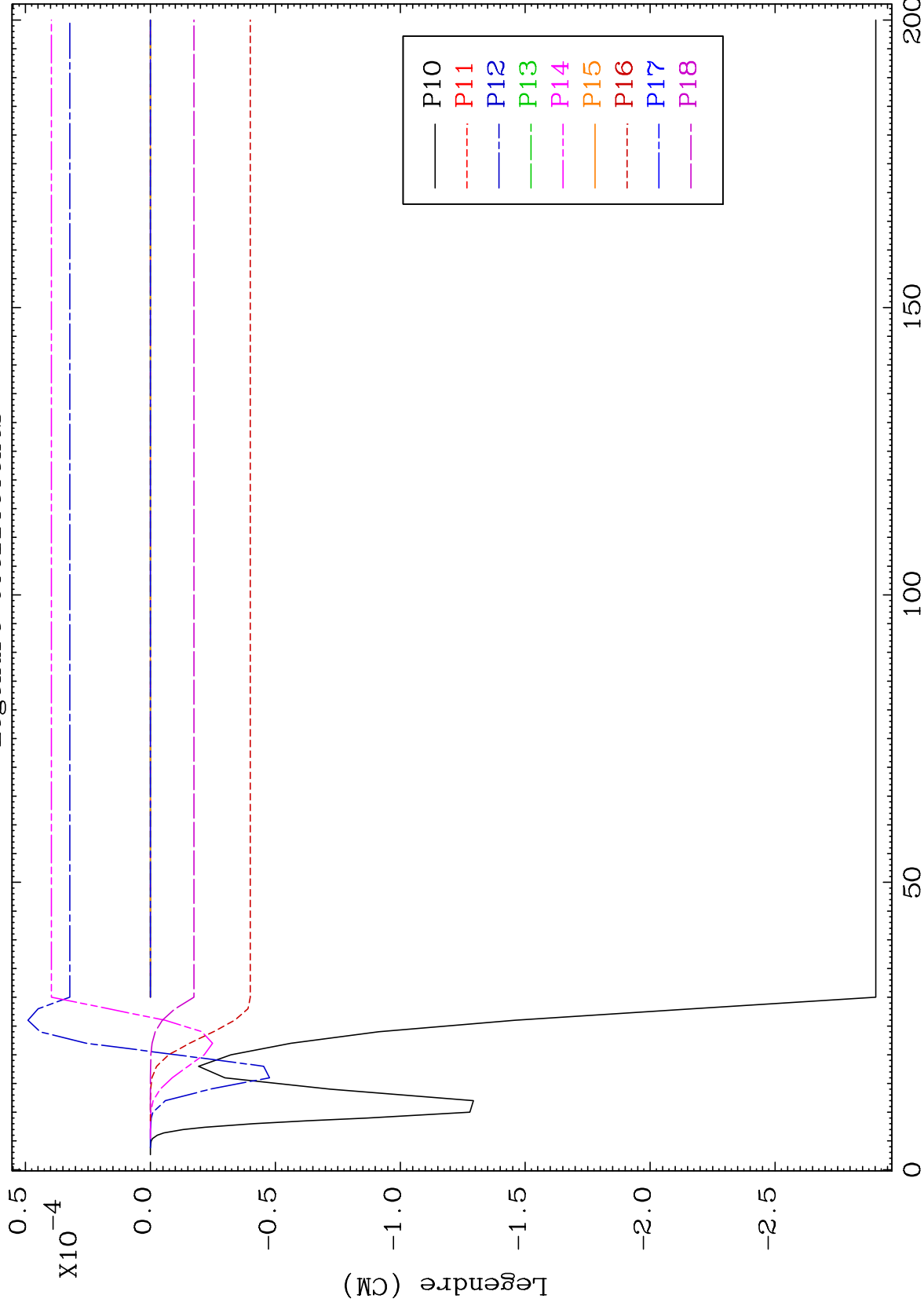


67 Incident Energy (MeV) 52-Te-127

MAT 5246

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

52-Te-127



68

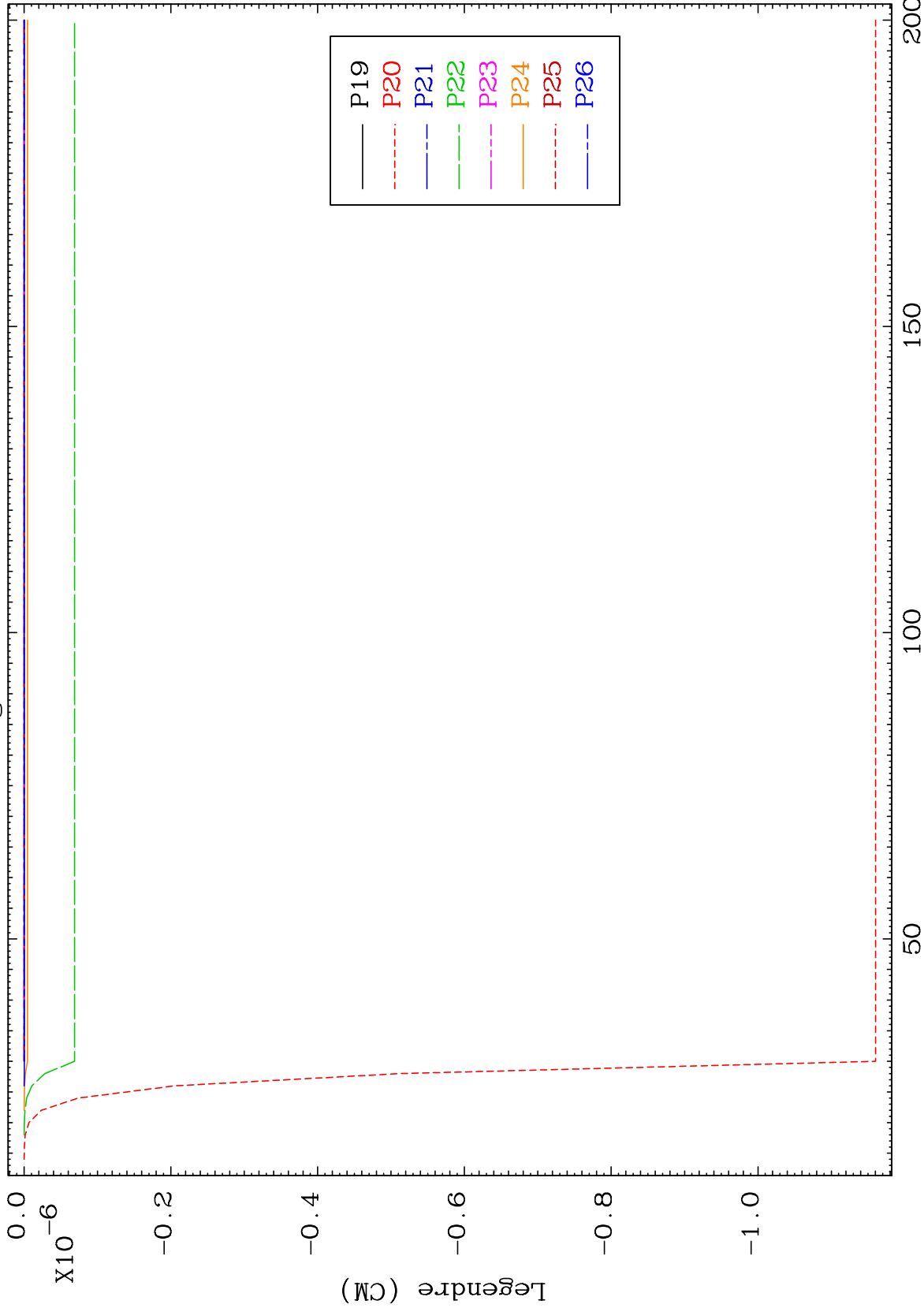
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127

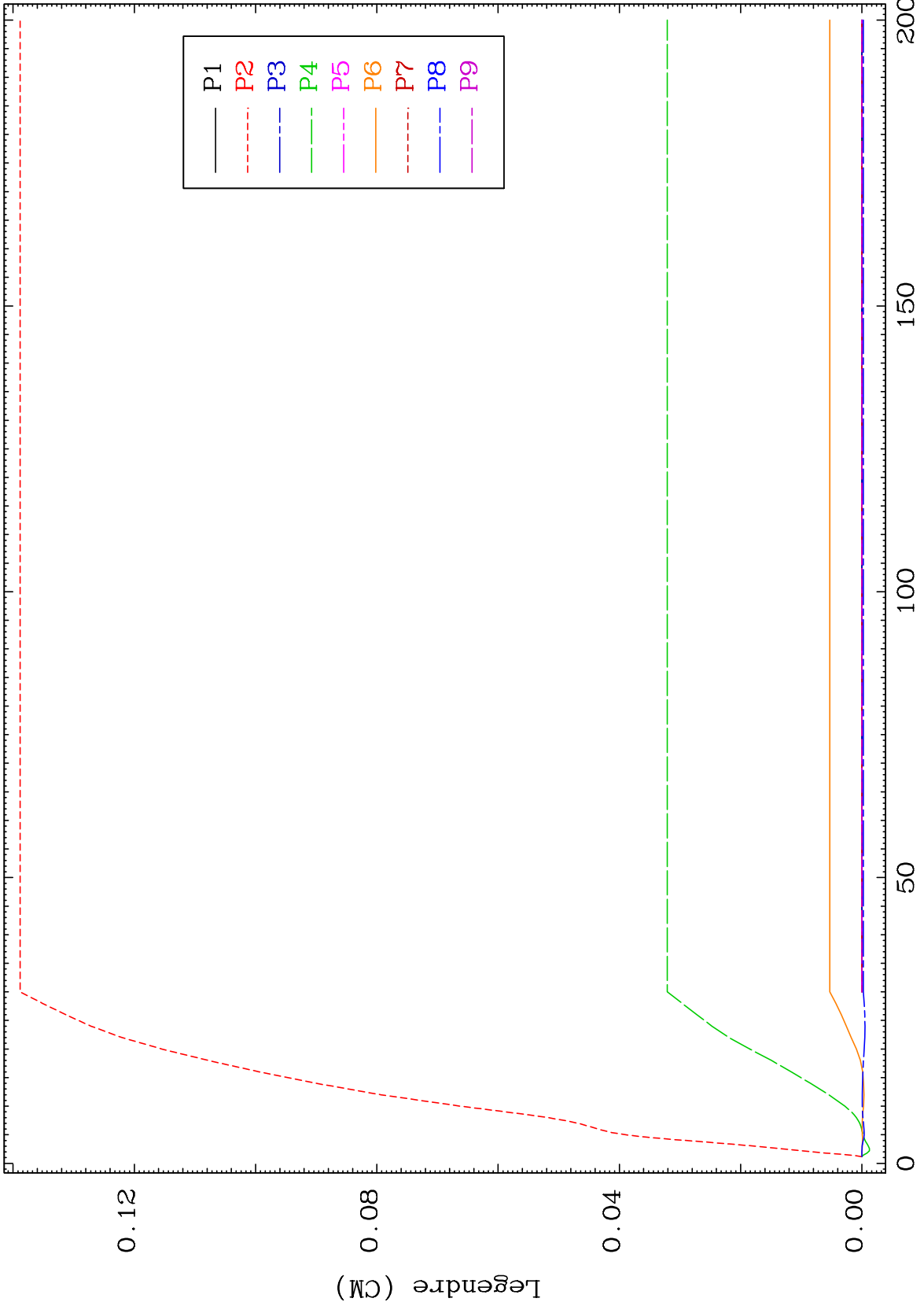


69

Incident Energy (MeV)

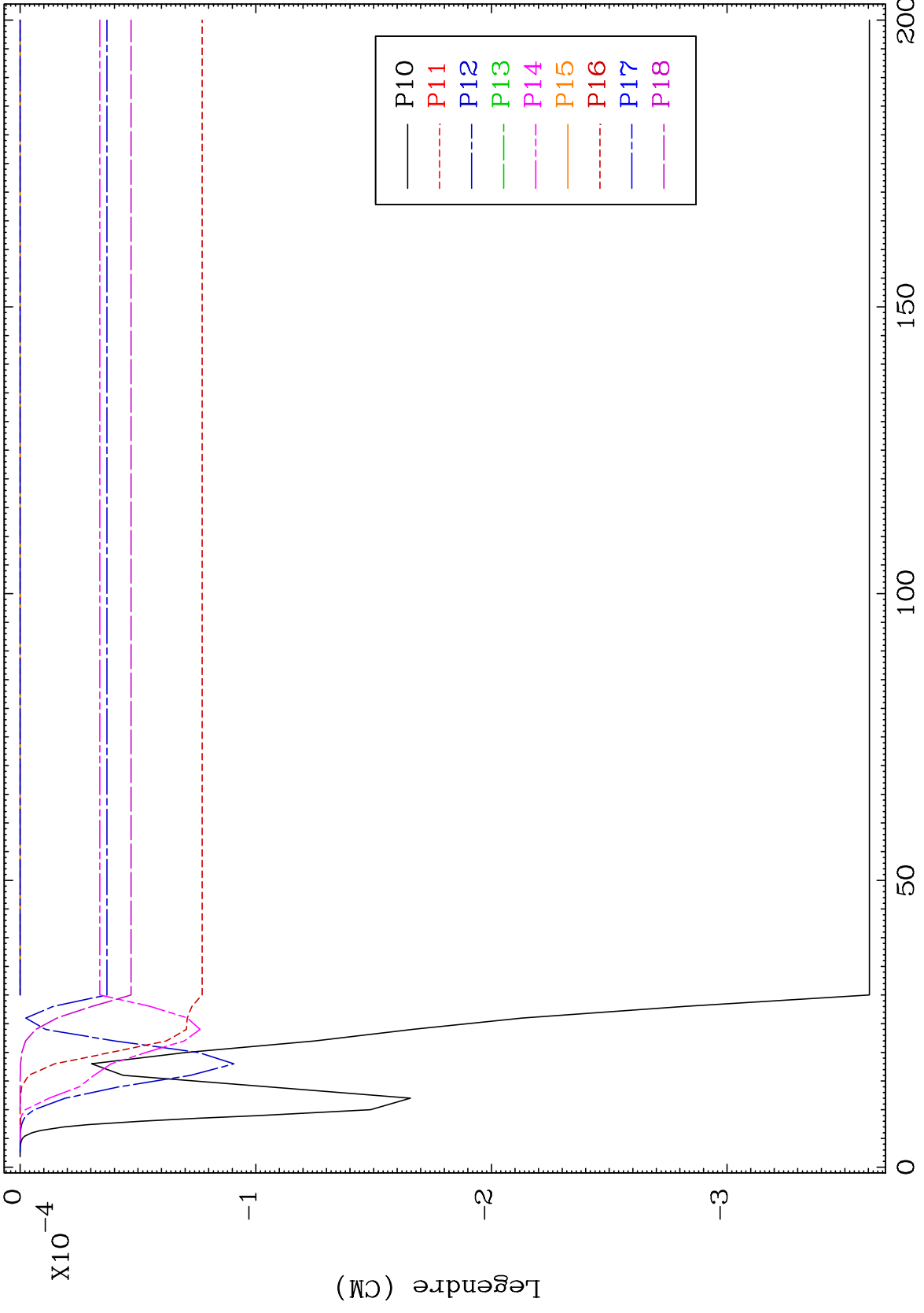
52-Te-127

MAT 5246 MT= 66 (n,n') Level Legendre Coefficients 52-Te-127



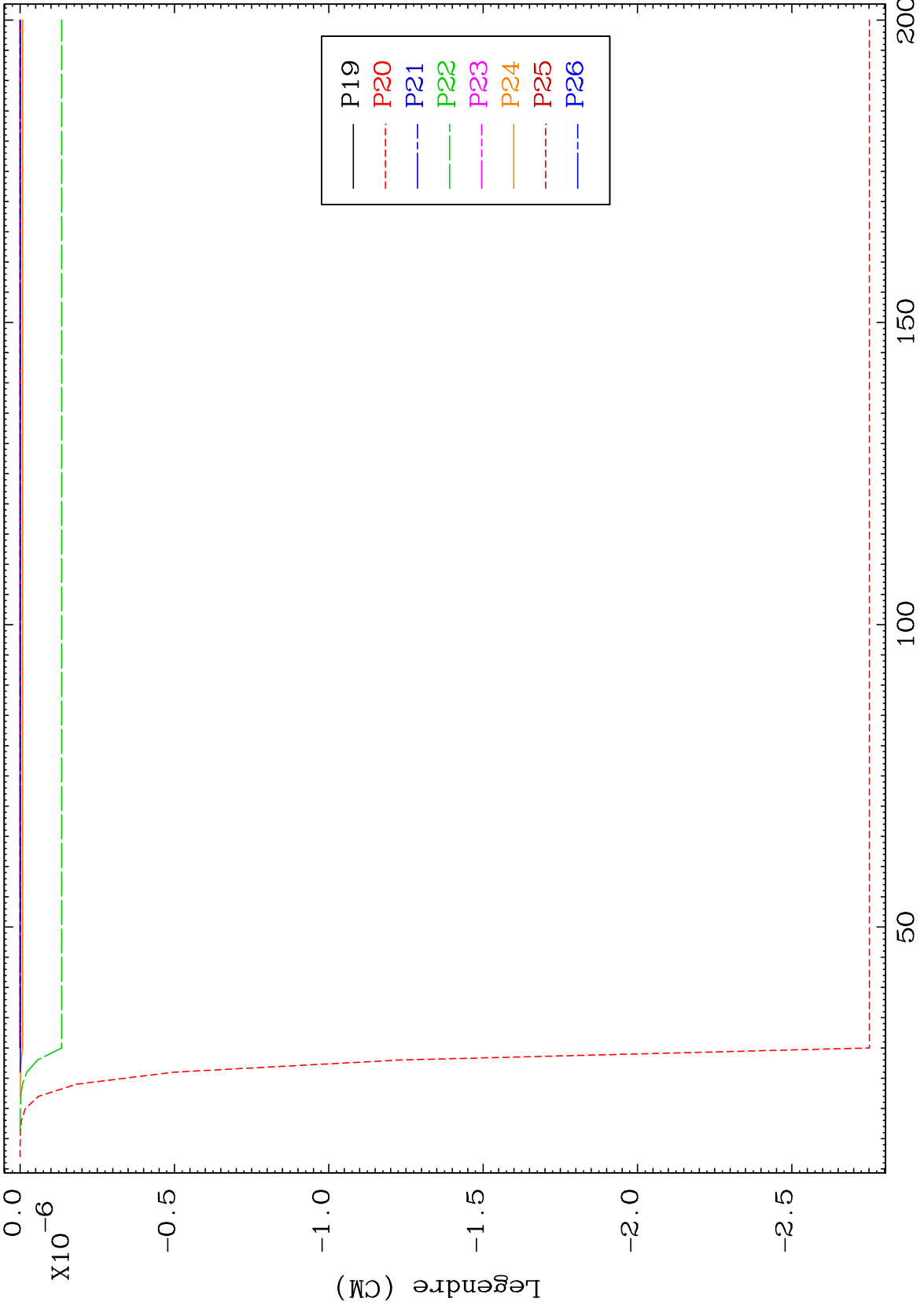
70 Incident Energy (MeV) 52-Te-127

MAT 5246 MT= 66 (n,n') Level Legendre Coefficients 52-Te-127



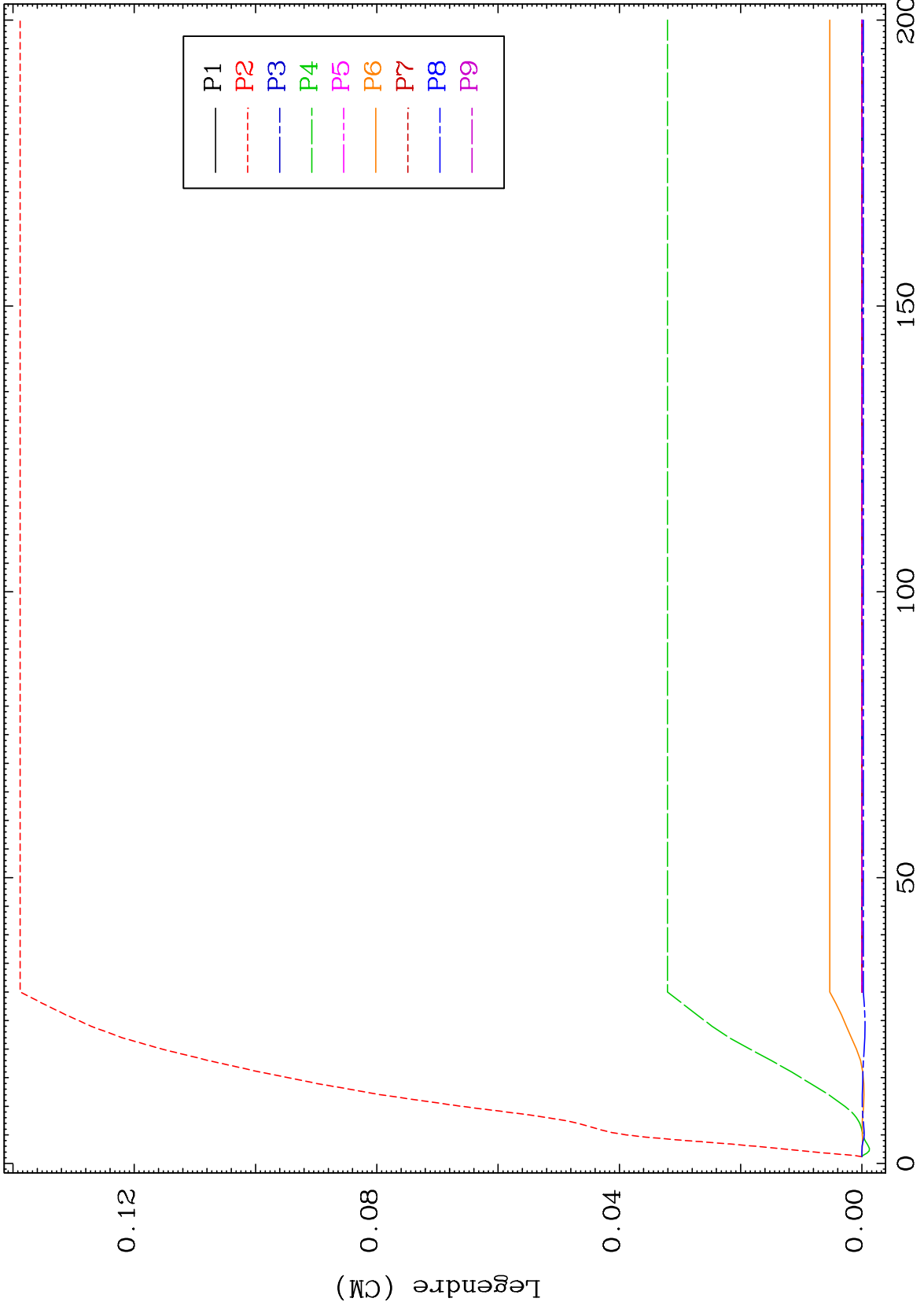
71 52-Te-127

MAT 5246 MT= 66 (n,n') Level Legendre Coefficients 52-Te-127



72 52-Te-127

MAT 5246 MT= 67 (n,n') Level Legendre Coefficients 52-Te-127

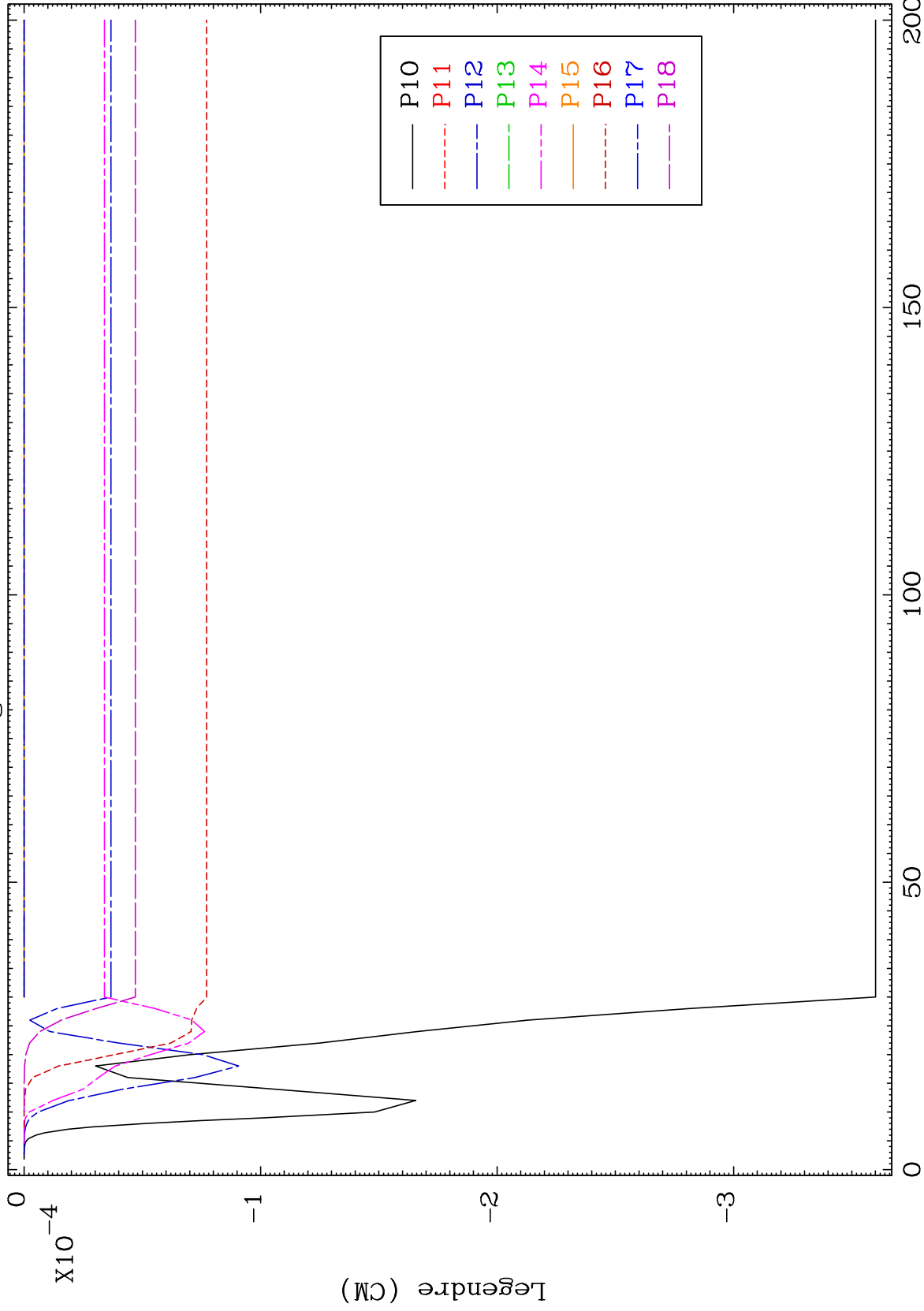


73 52-Te-127

MAT 5246

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

52-Te-127

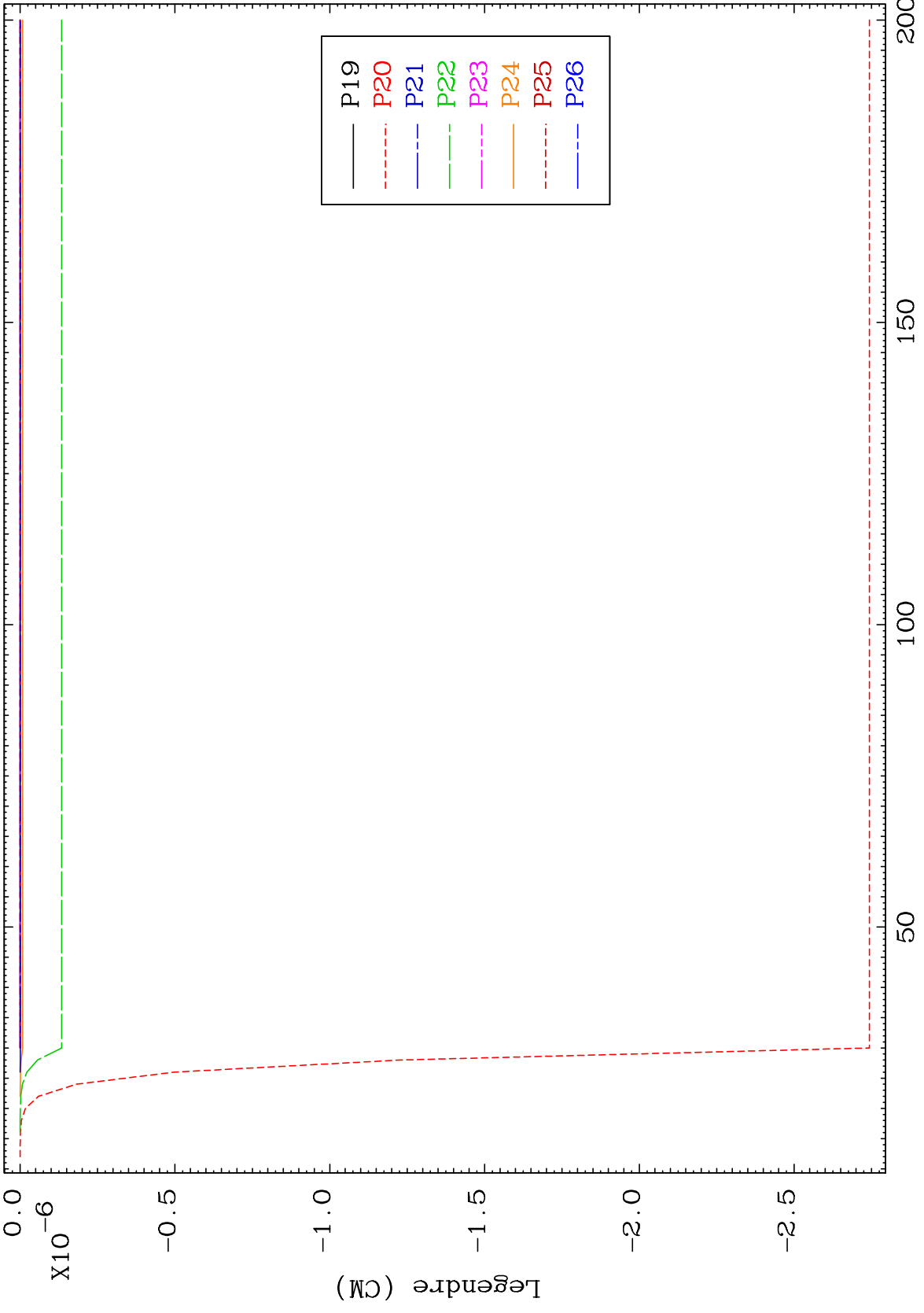


74

Incident Energy (MeV)

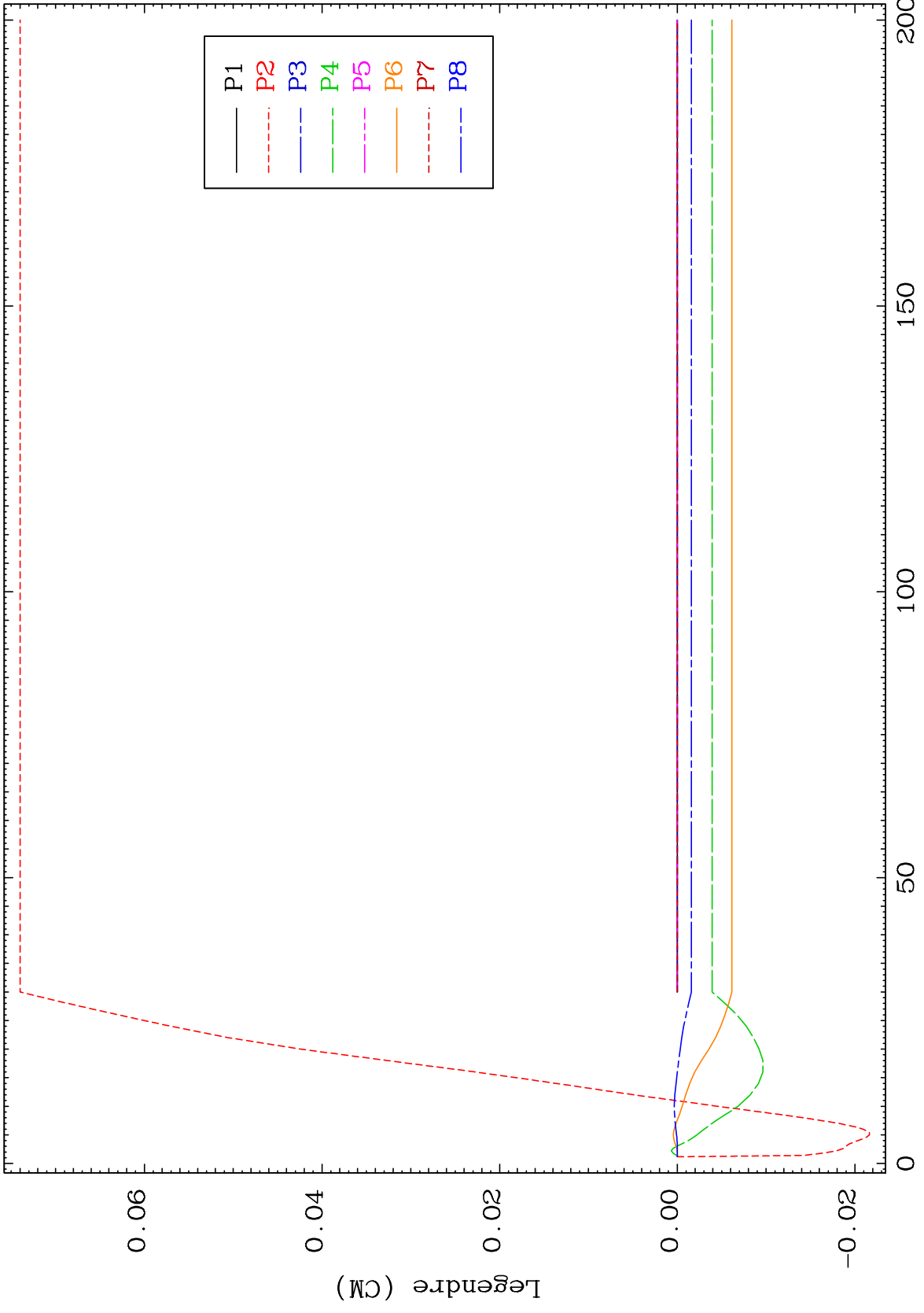
52-Te-127

MAT 5246 MT= 67 (n,n') Level Legendre Coefficients 52-Te-127



75 Incident Energy (MeV) 52-Te-127

MAT 5246 MT= 68 (n,n') Level Legendre Coefficients 52-Te-127

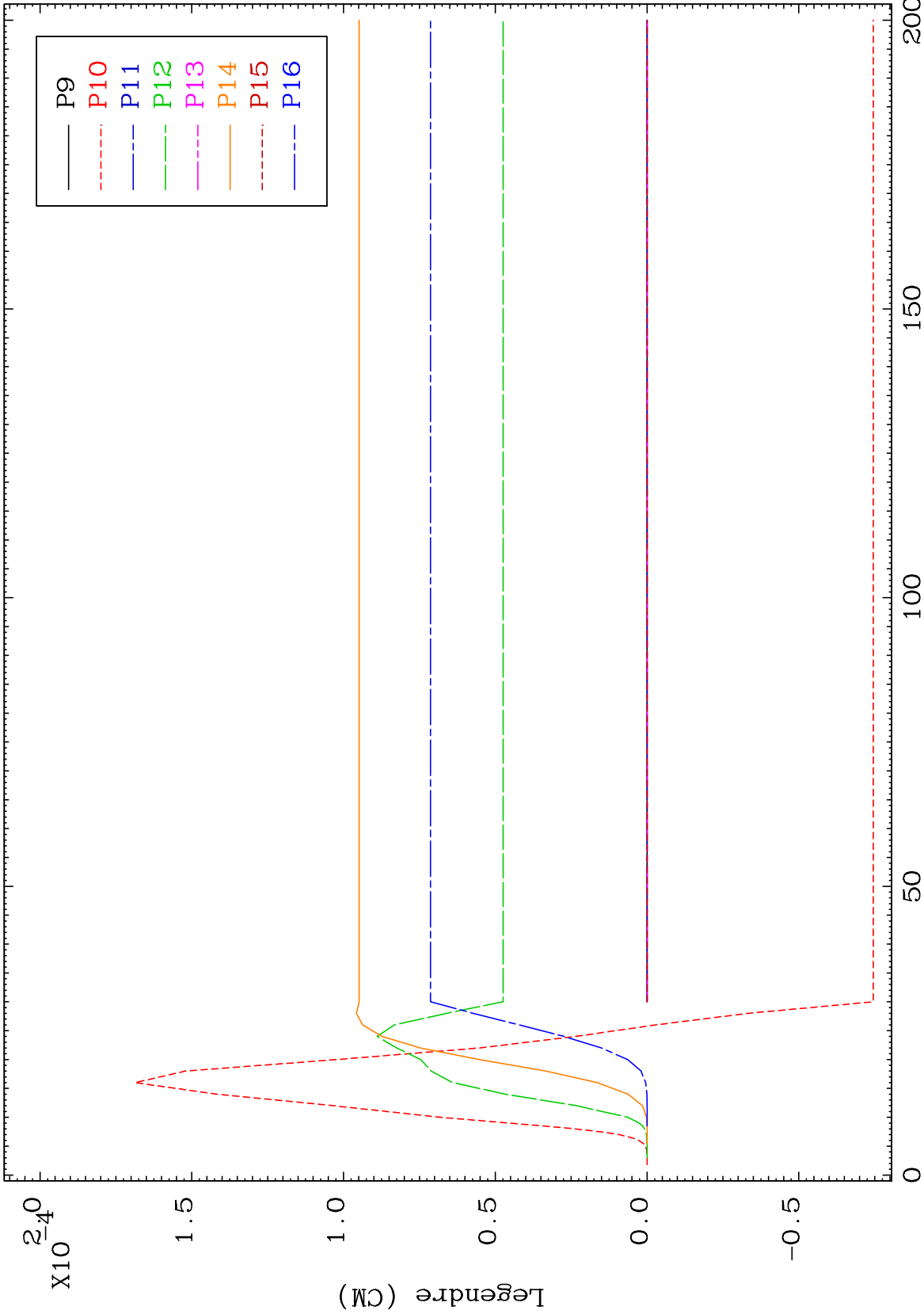


76 Incident Energy (MeV) 52-Te-127

MAT 5246

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

52-Te-127

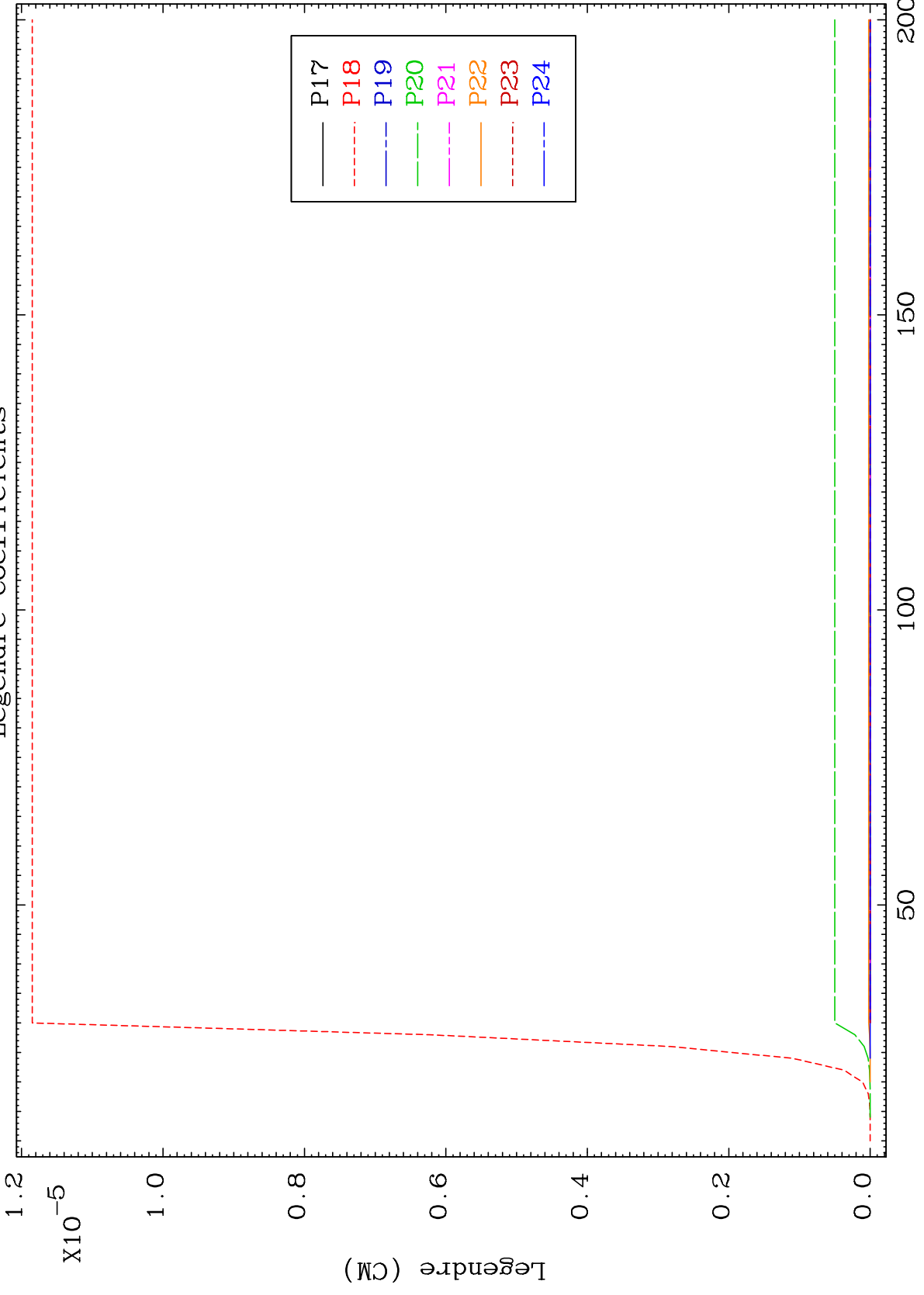


77

Incident Energy (MeV)

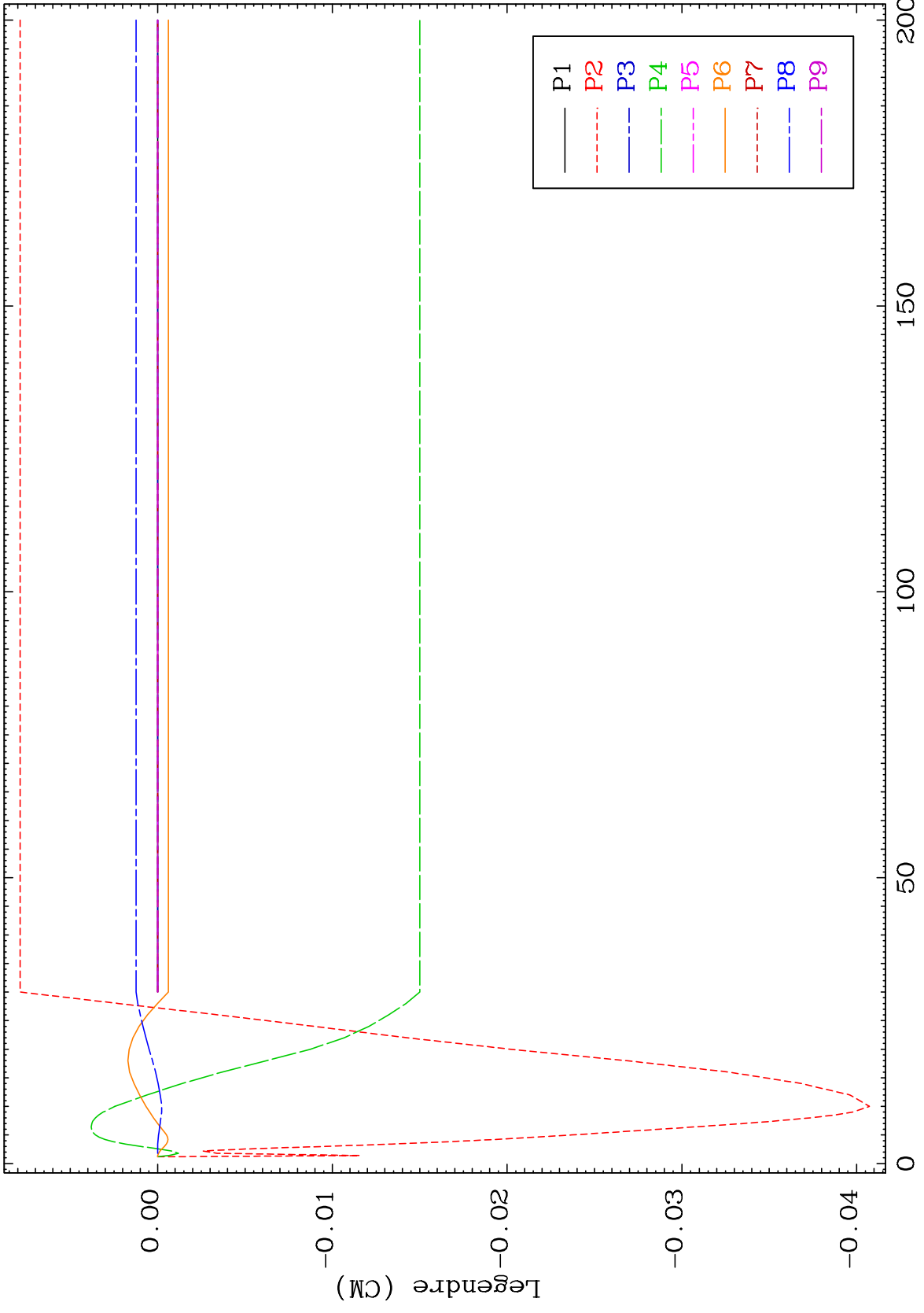
52-Te-127

MAT 5246 MT= 68 (n,n') Level Legendre Coefficients 52-Te-127



78 Incident Energy (MeV) 52-Te-127

MAT 5246 MT= 69 (n,n') Level Legendre Coefficients 52-Te-127

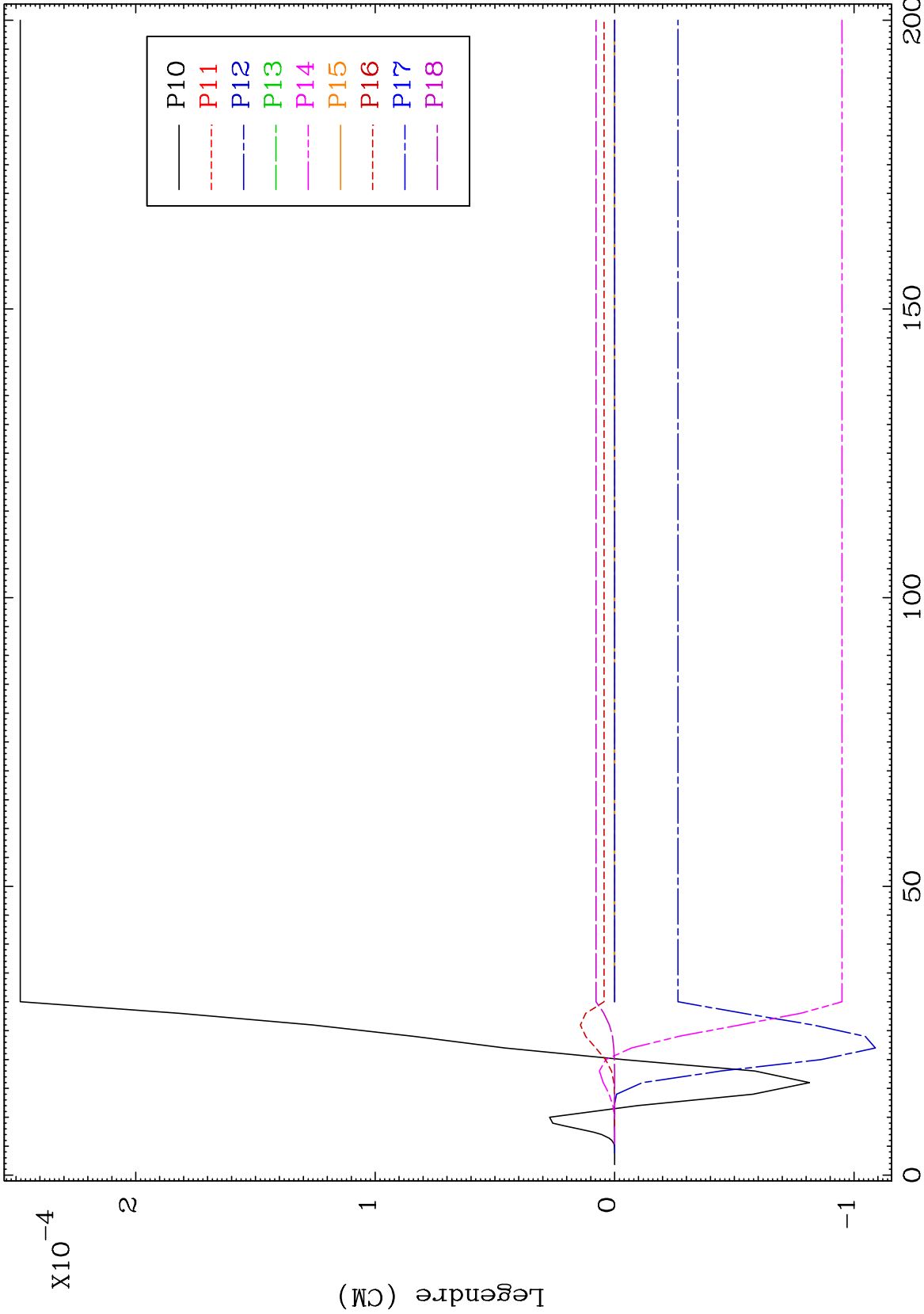


79 Incident Energy (MeV) 52-Te-127

MAT 5246

MT= 69 (n,n') Level
Legendre Coefficients

52-Te-127



80

Incident Energy (MeV)

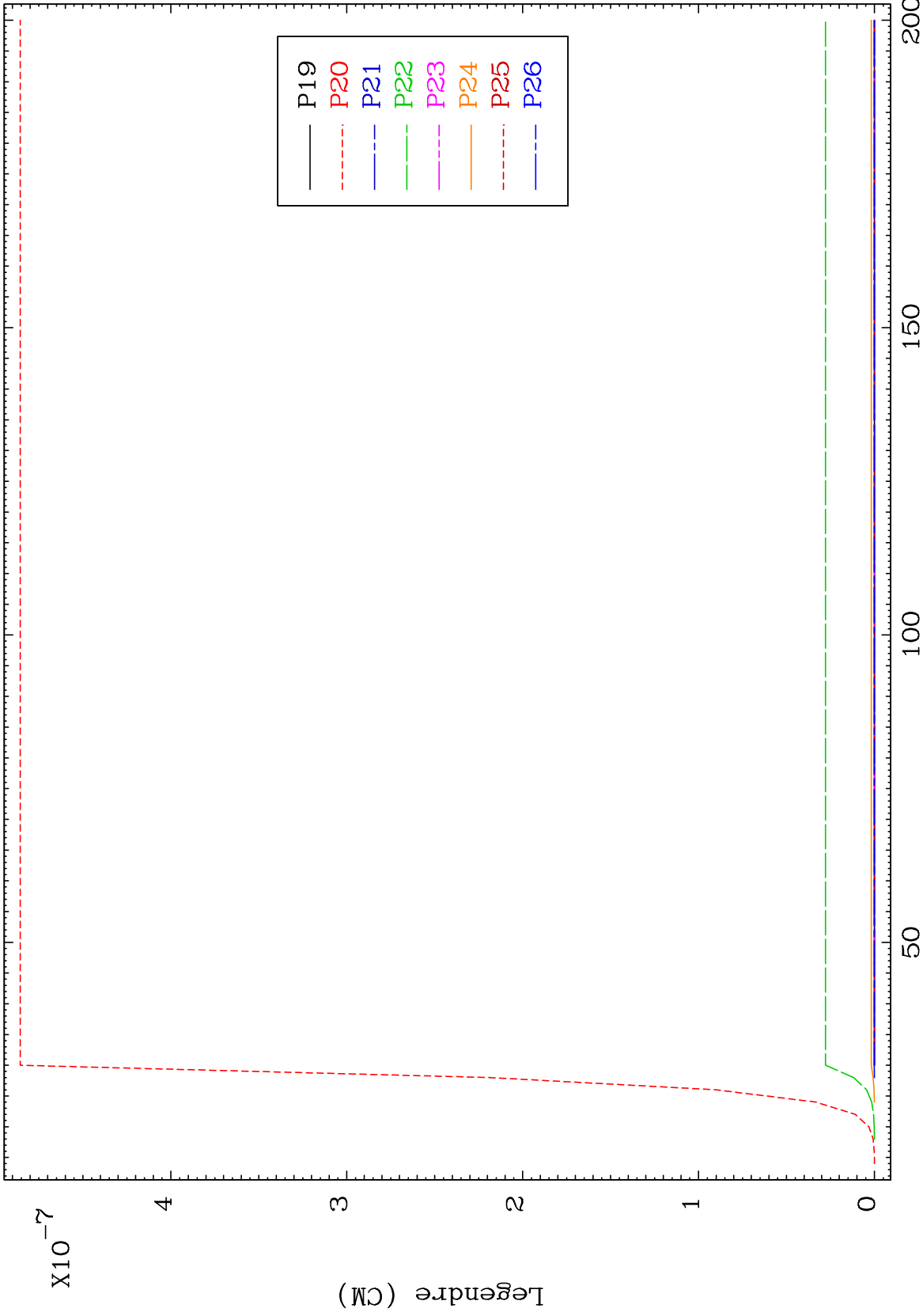
150

52-Te-127

MAT 5246

MT= 69 (n,n') Level
Legendre Coefficients

52-Te-127

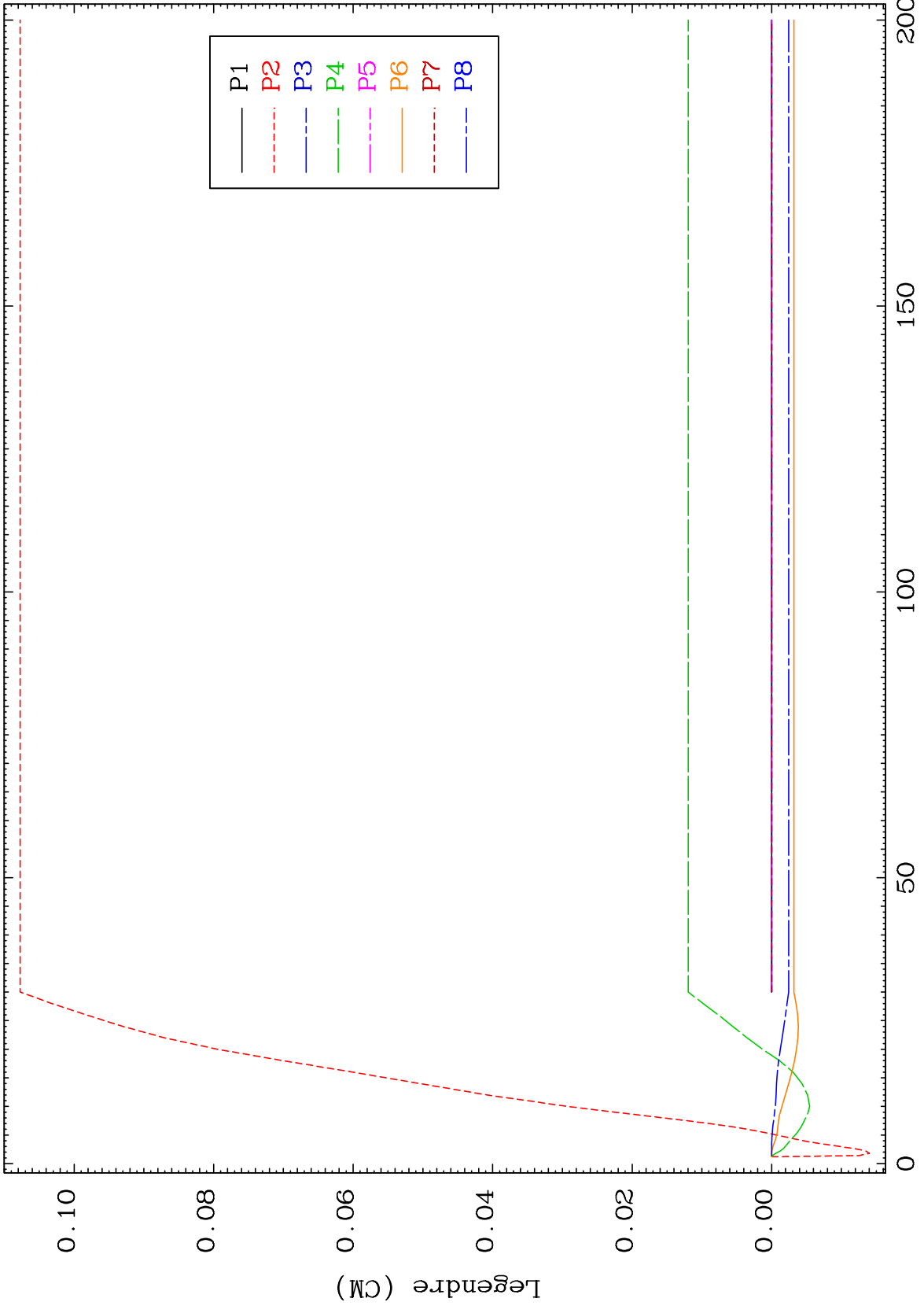


81

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 70 (n,n') Level Legendre Coefficients 52-Te-127

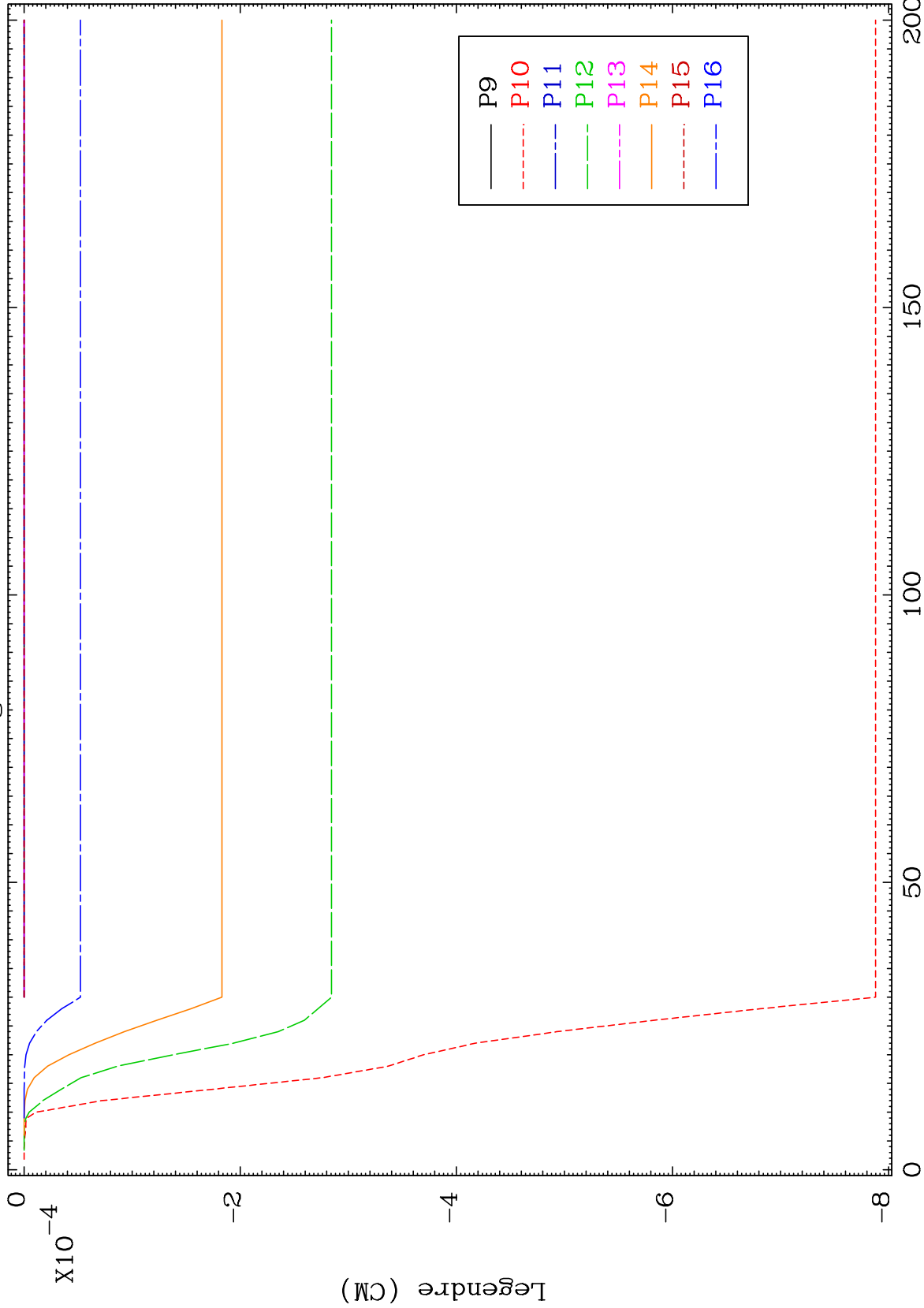


82 52-Te-127

MAT 5246

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

52-Te-127



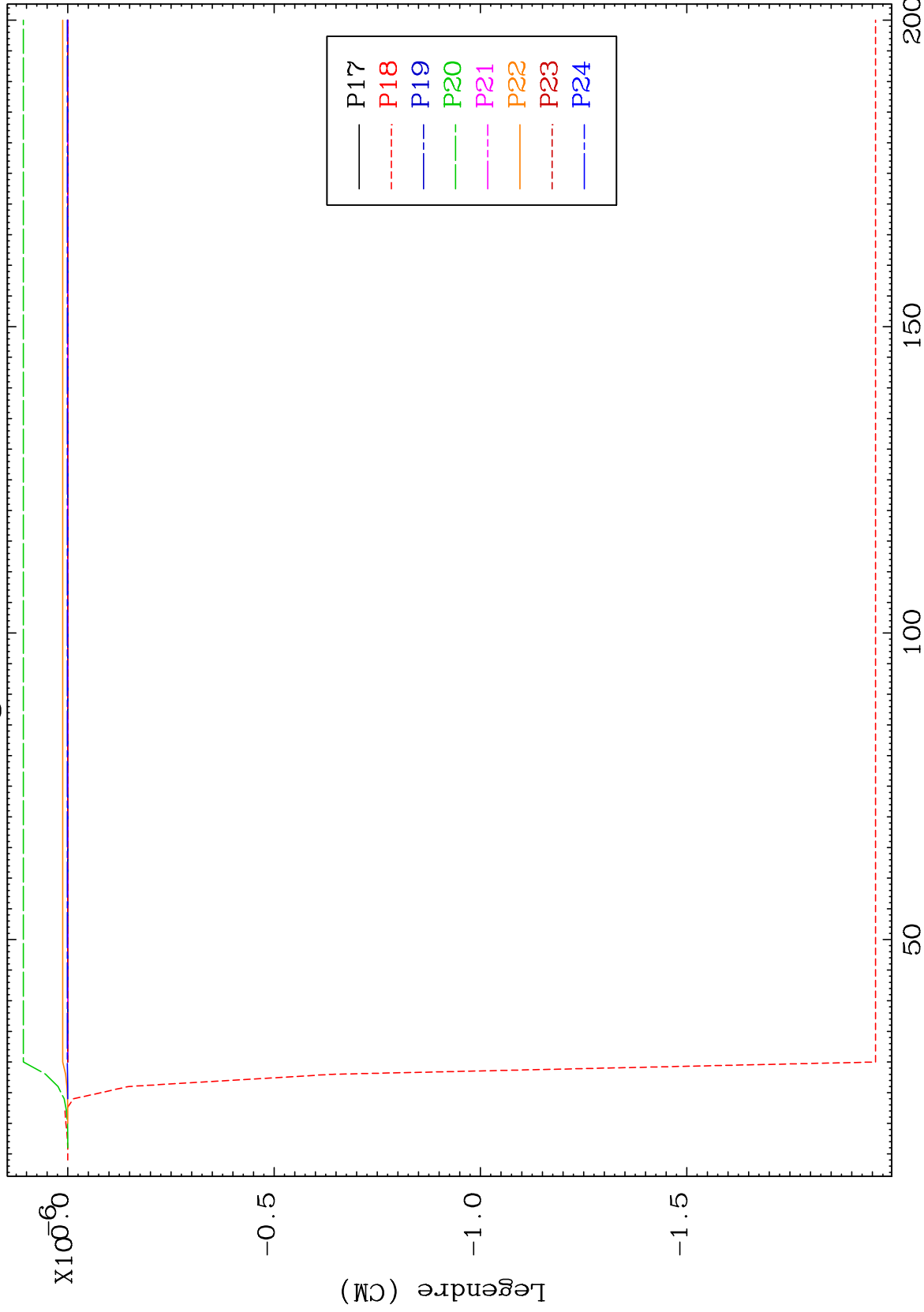
83

52-Te-127

MAT 5246

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

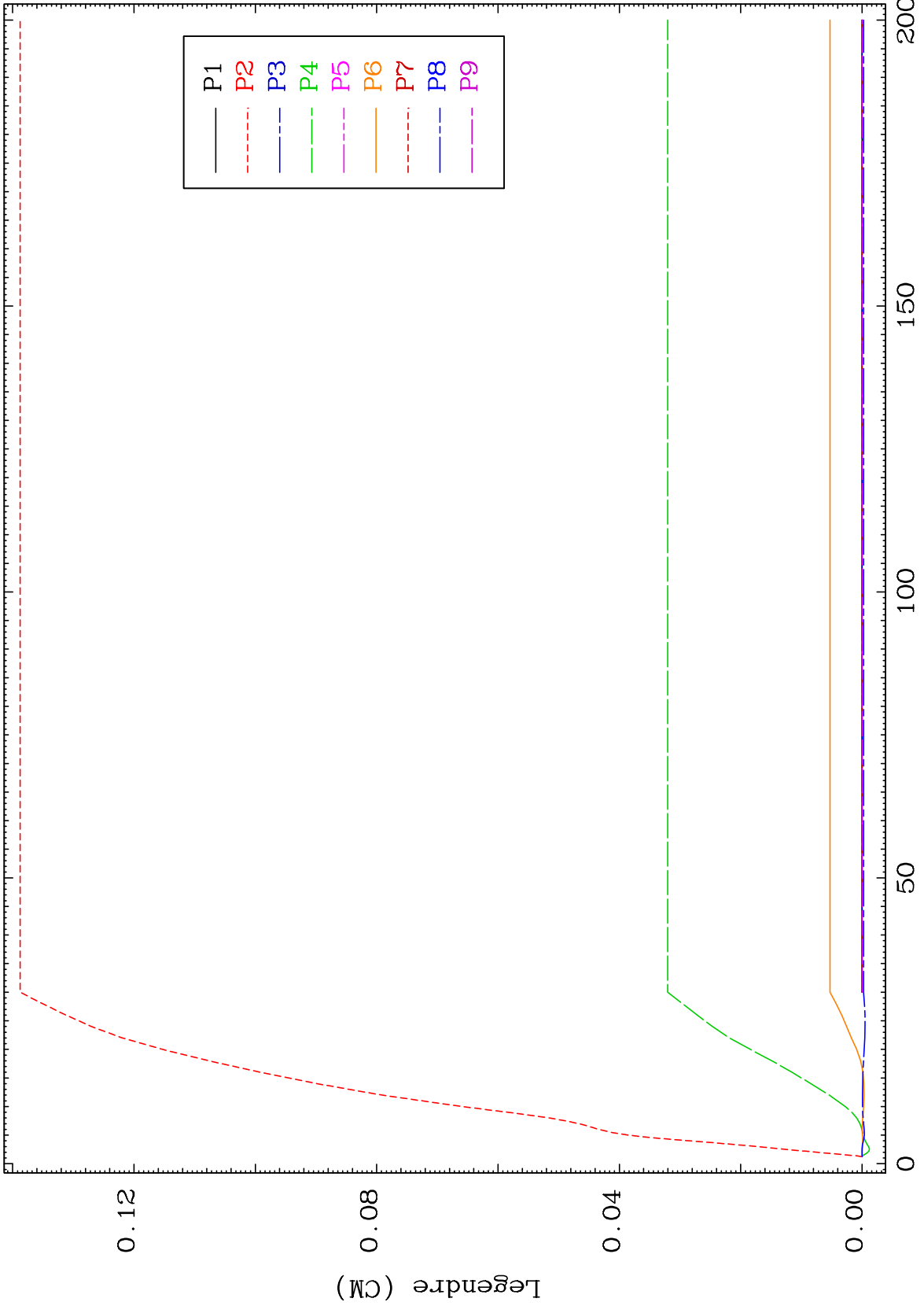
52-Te-127



84

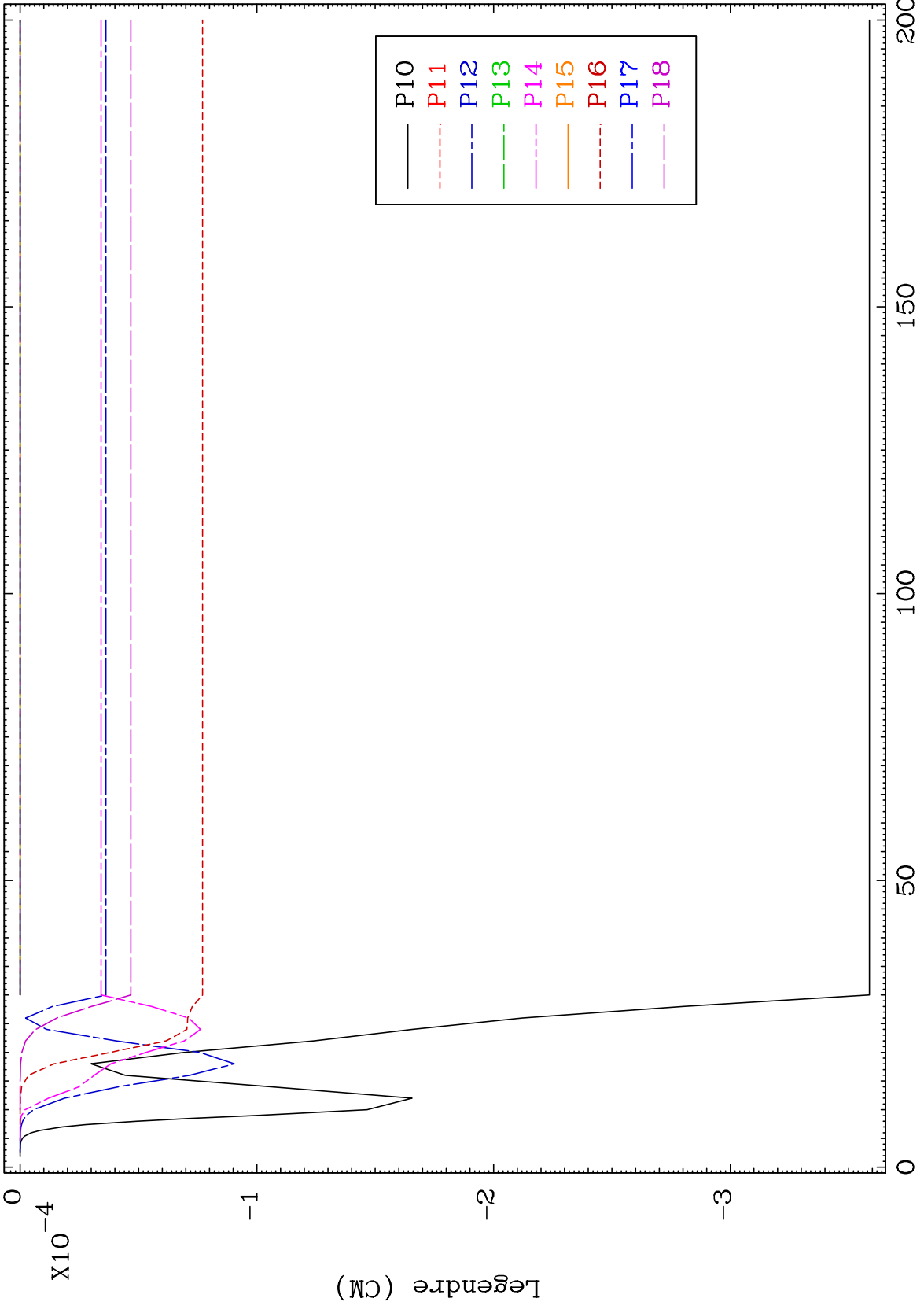
52-Te-127

MAT 5246 MT= 71 (n,n') Level Legendre Coefficients 52-Te-127



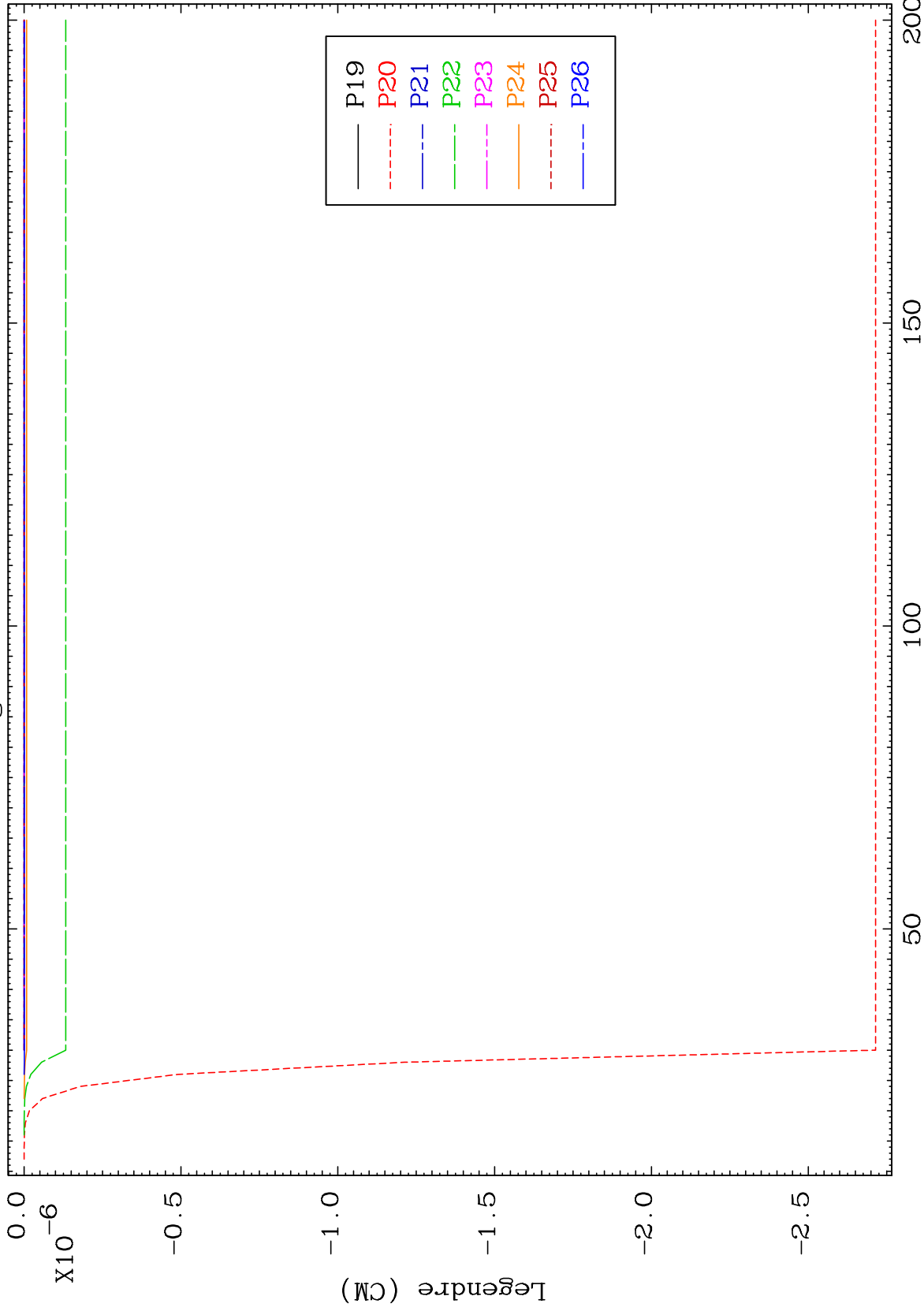
85 Incident Energy (MeV) 52-Te-127

MAT 5246 MT= 71 (n,n') Level Legendre Coefficients 52-Te-127

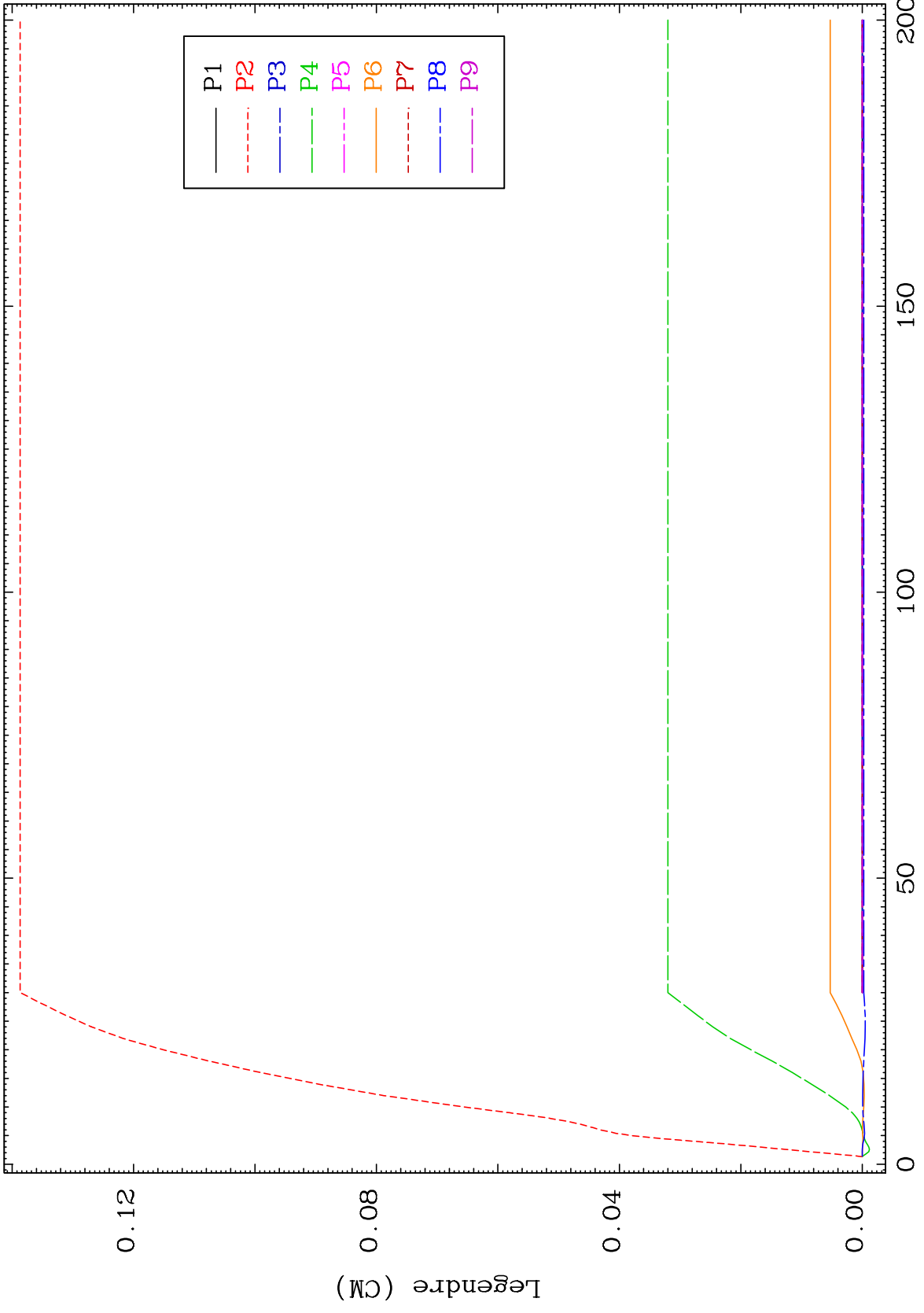


86 52-Te-127

MAT 5246 MT= 71 (n,n') Level Legendre Coefficients 52-Te-127

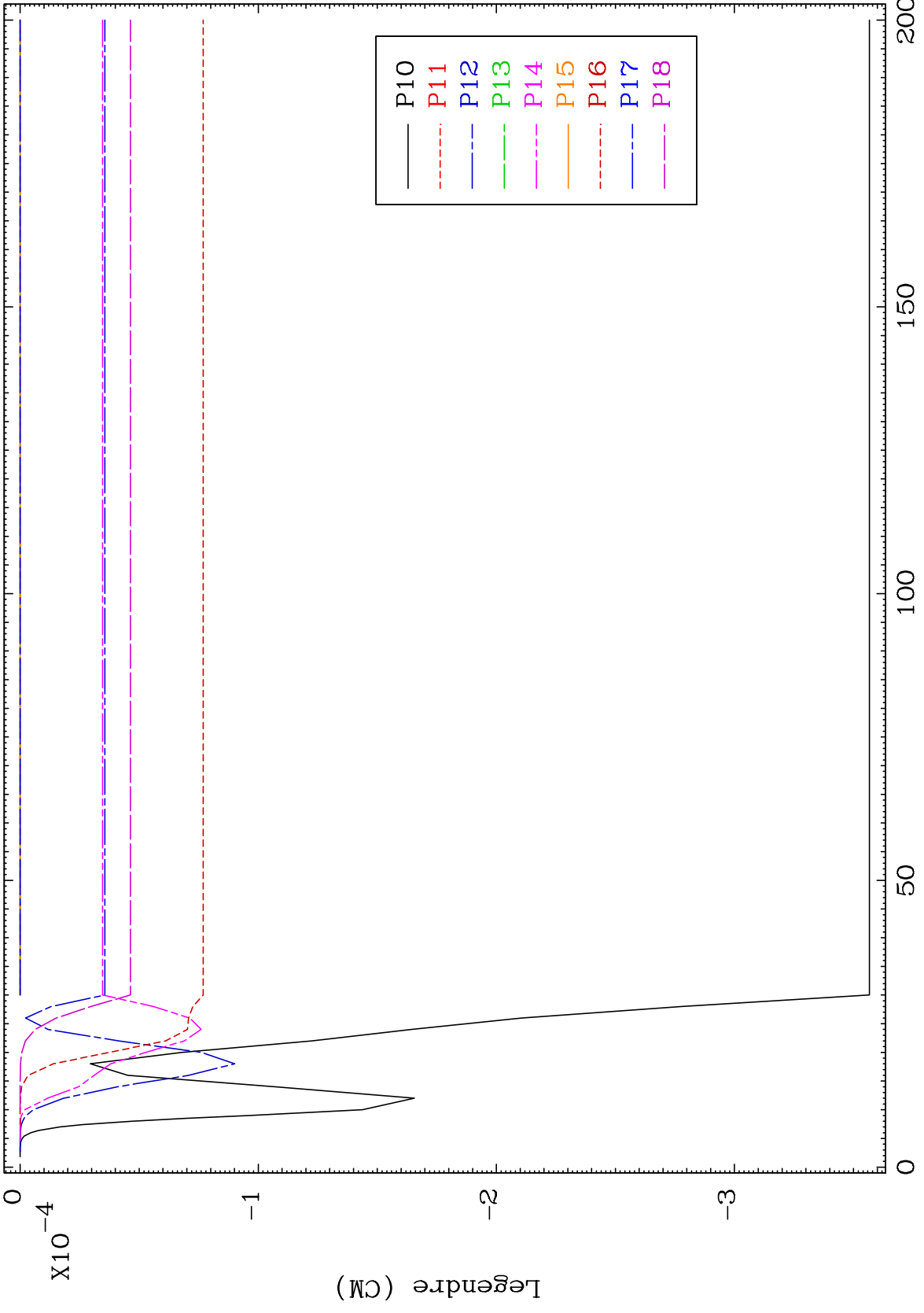


MAT 5246 MT= 72 (n,n') Level Legendre Coefficients 52-Te-127



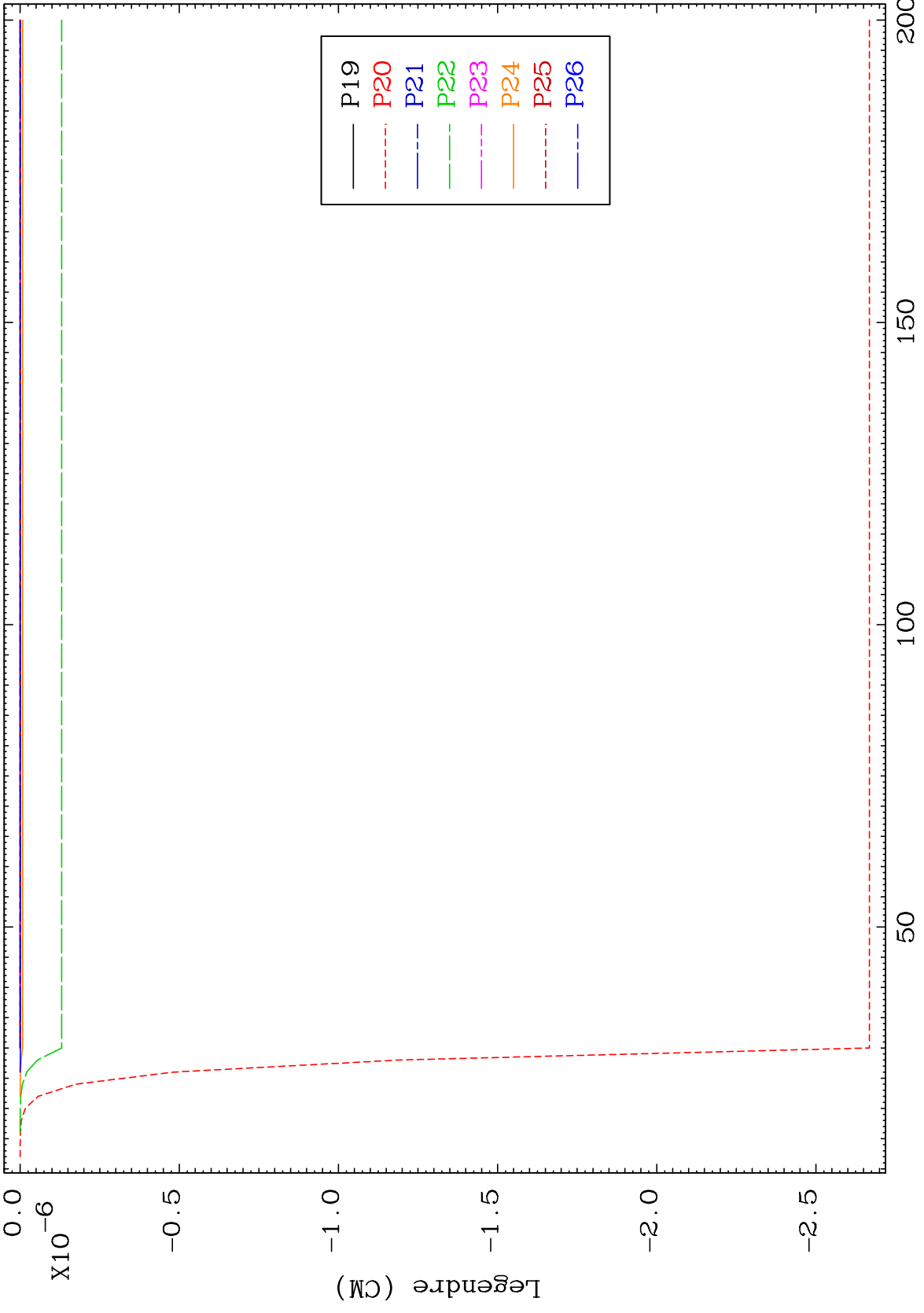
88 52-Te-127

MAT 5246 MT= 72 (n,n') Level Legendre Coefficients 52-Te-127



89 52-Te-127

MAT 5246 MT= 72 (n,n') Level Legendre Coefficients 52-Te-127

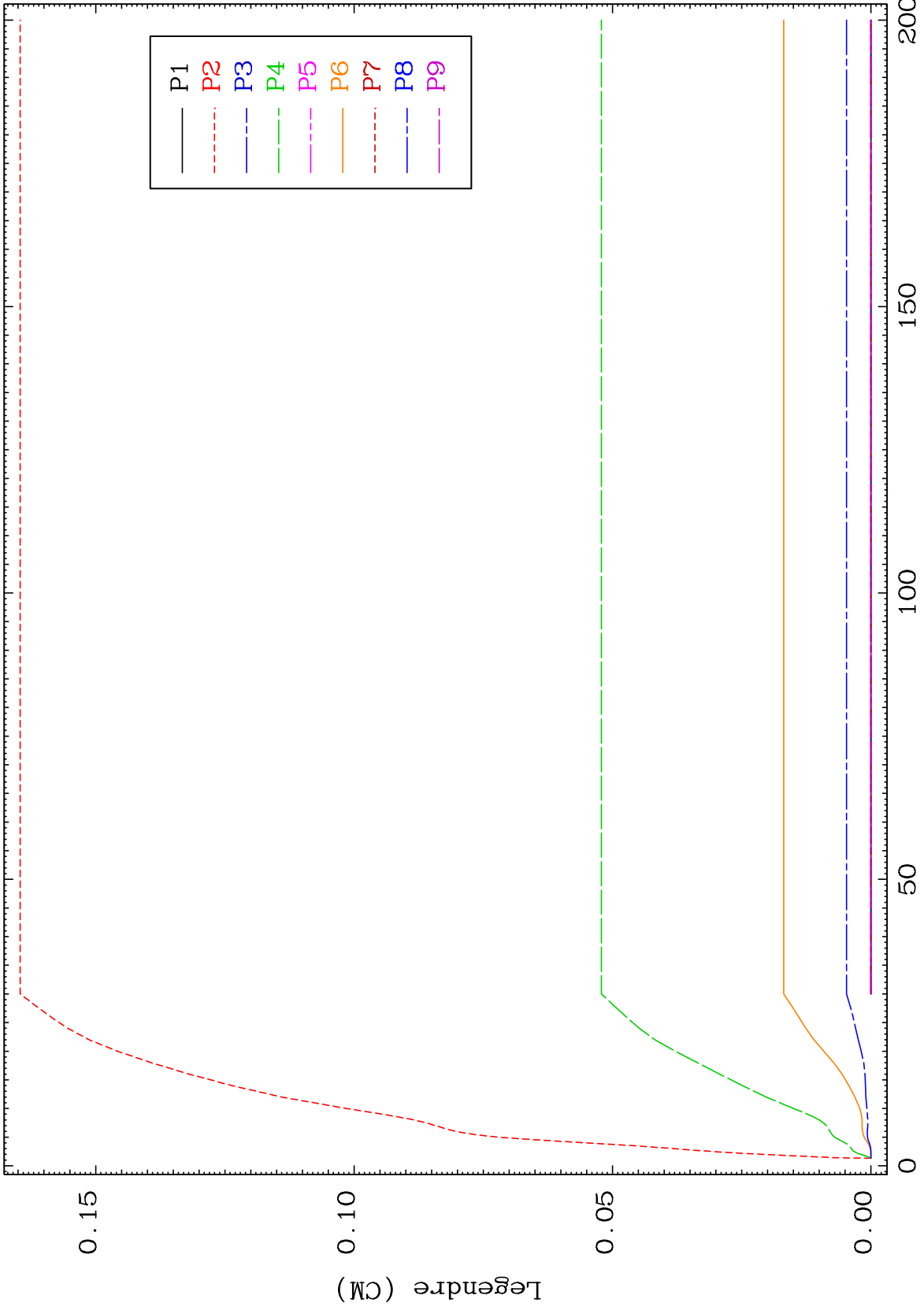


90 Incident Energy (MeV) 52-Te-127

MAT 5246

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

52-Te-127



91

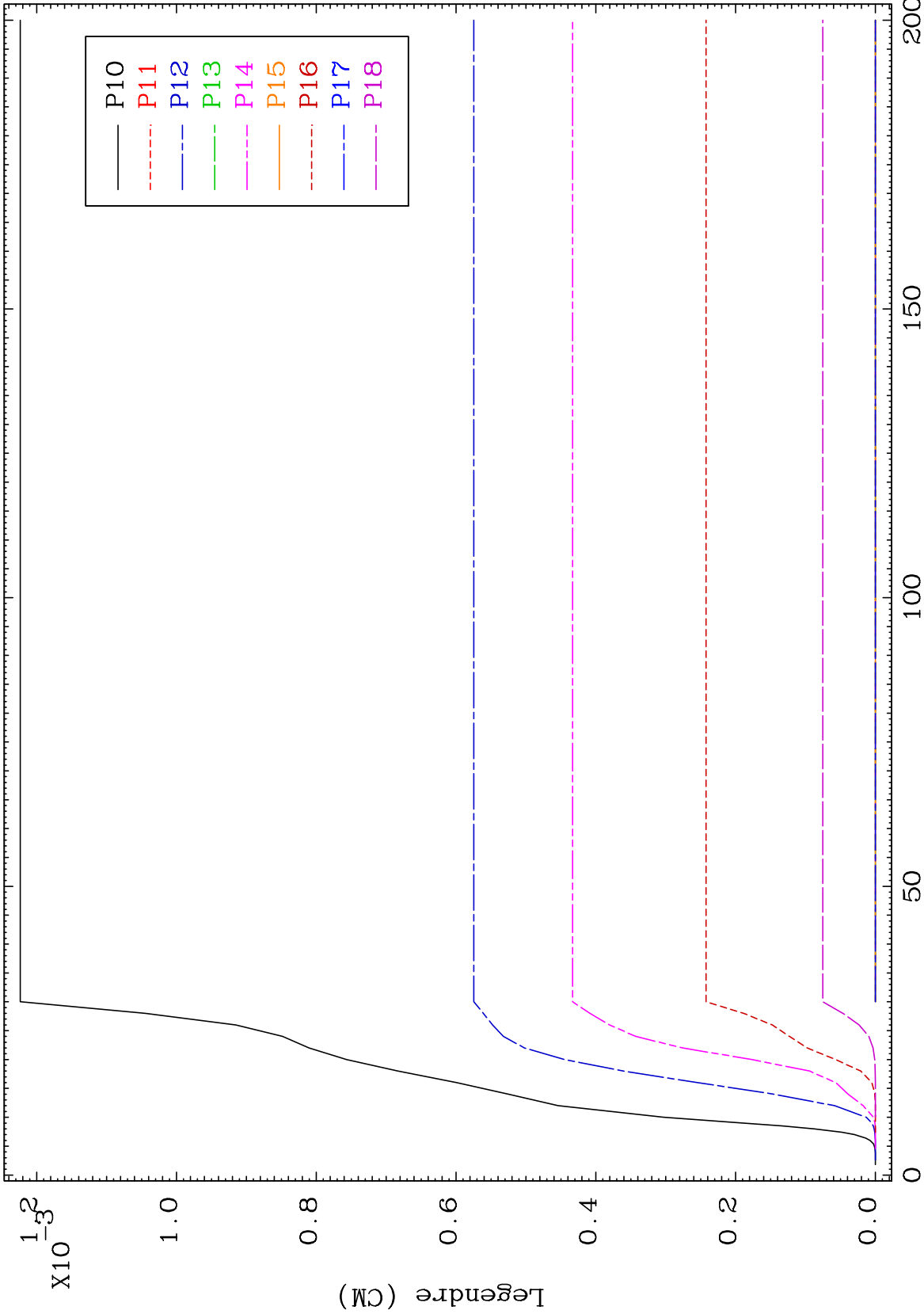
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127

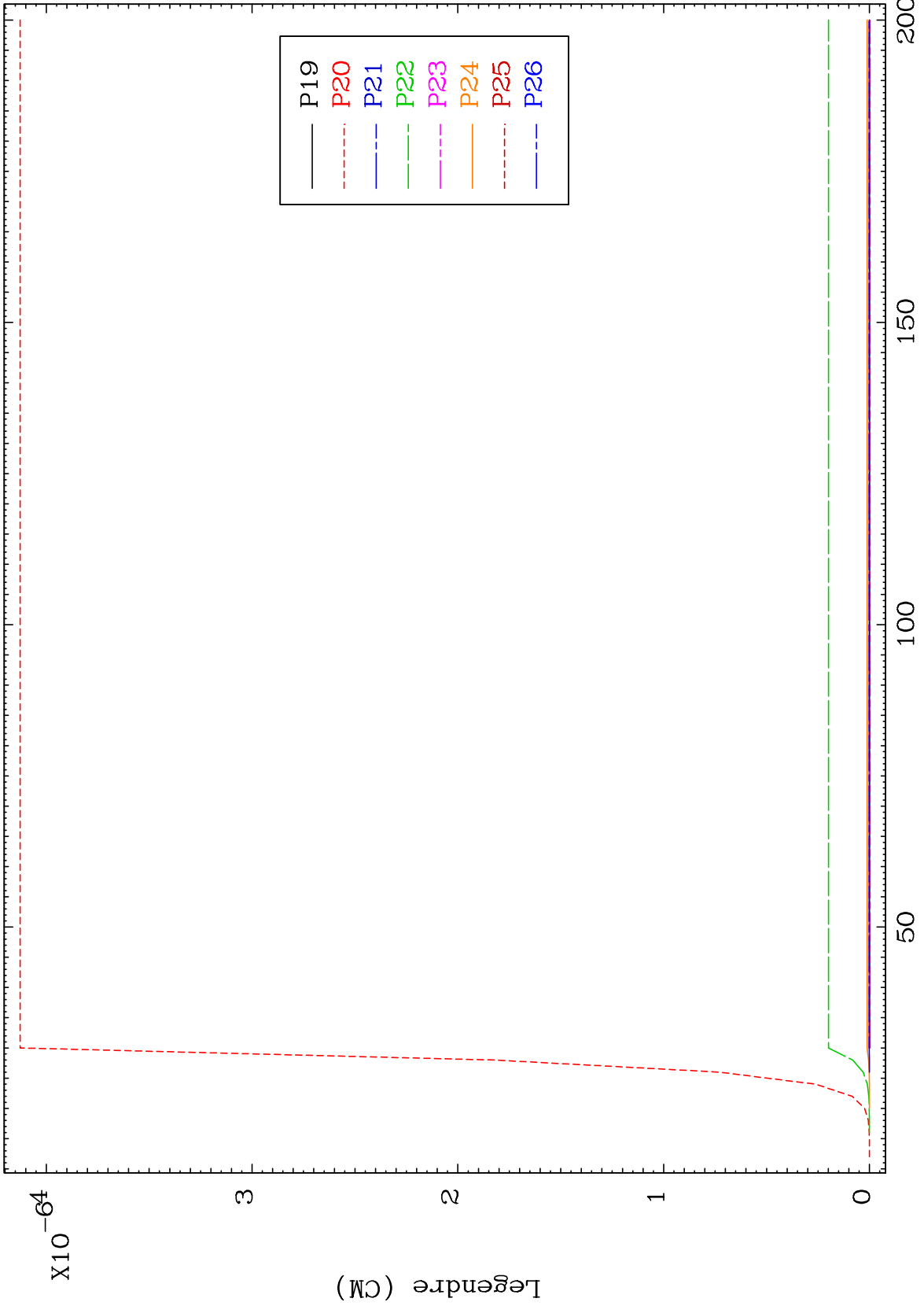


92

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 73 (n,n') Level Legendre Coefficients 52-Te-127

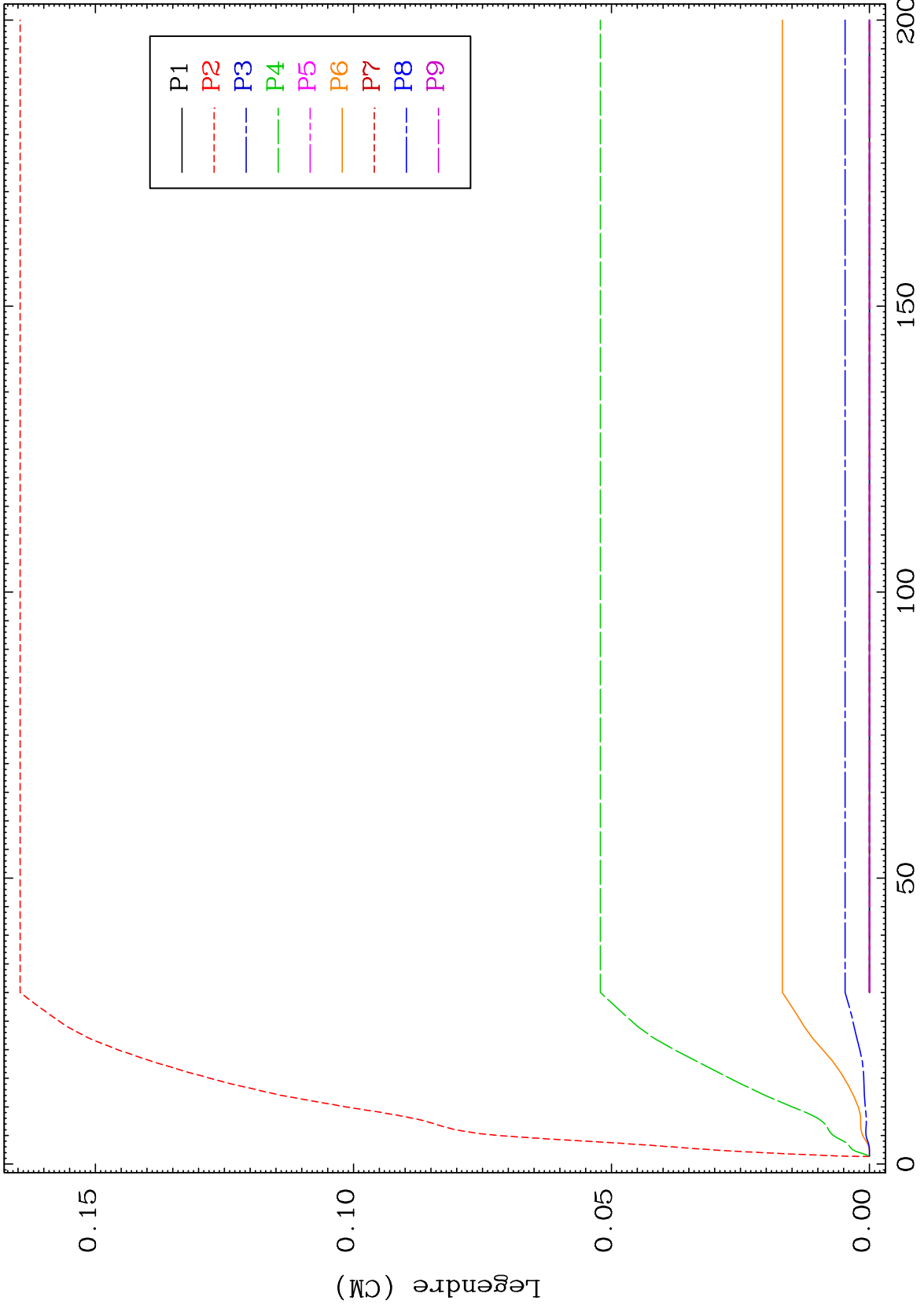


93 52-Te-127

MAT 5246

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

52-Te-127



94

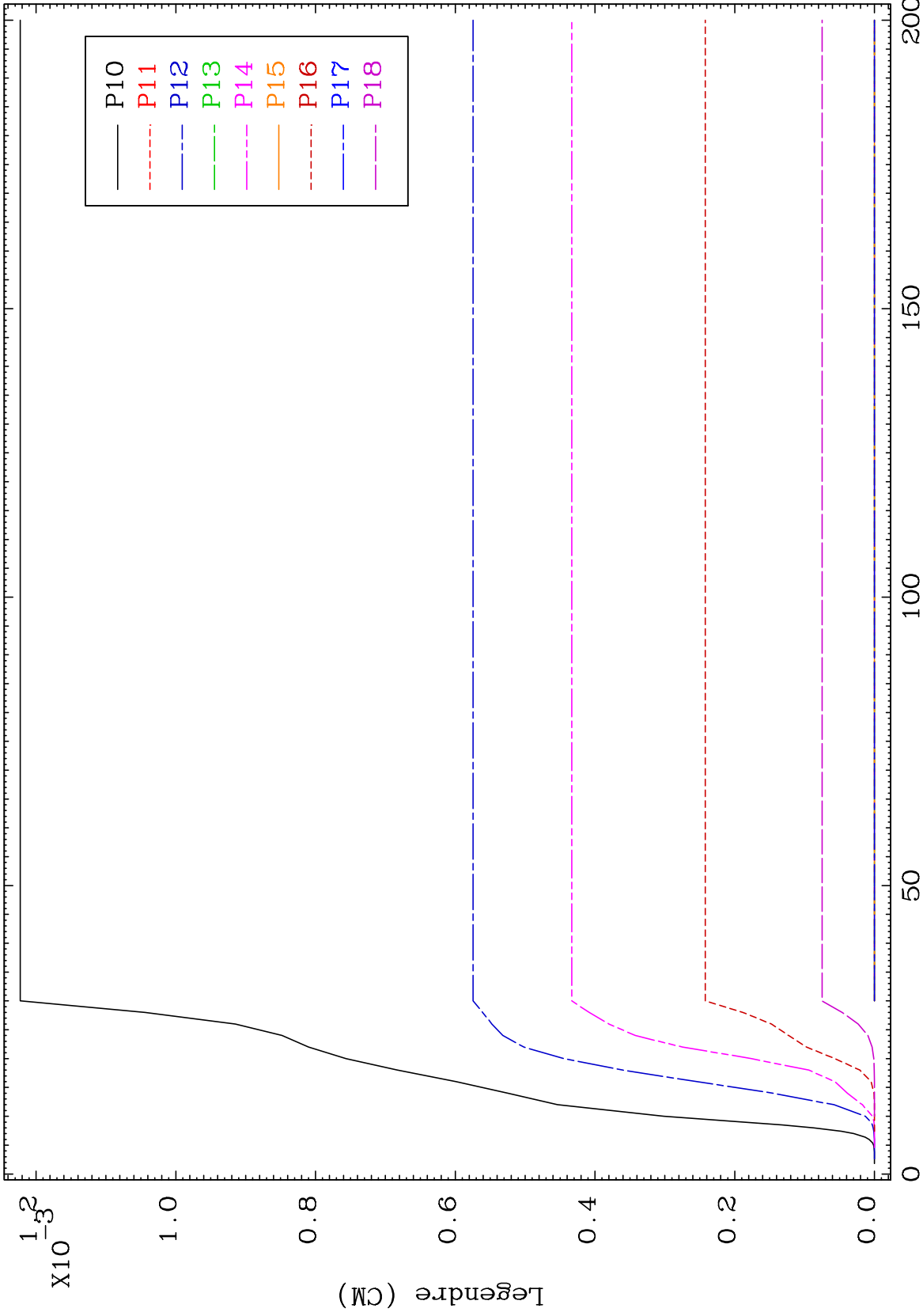
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



95

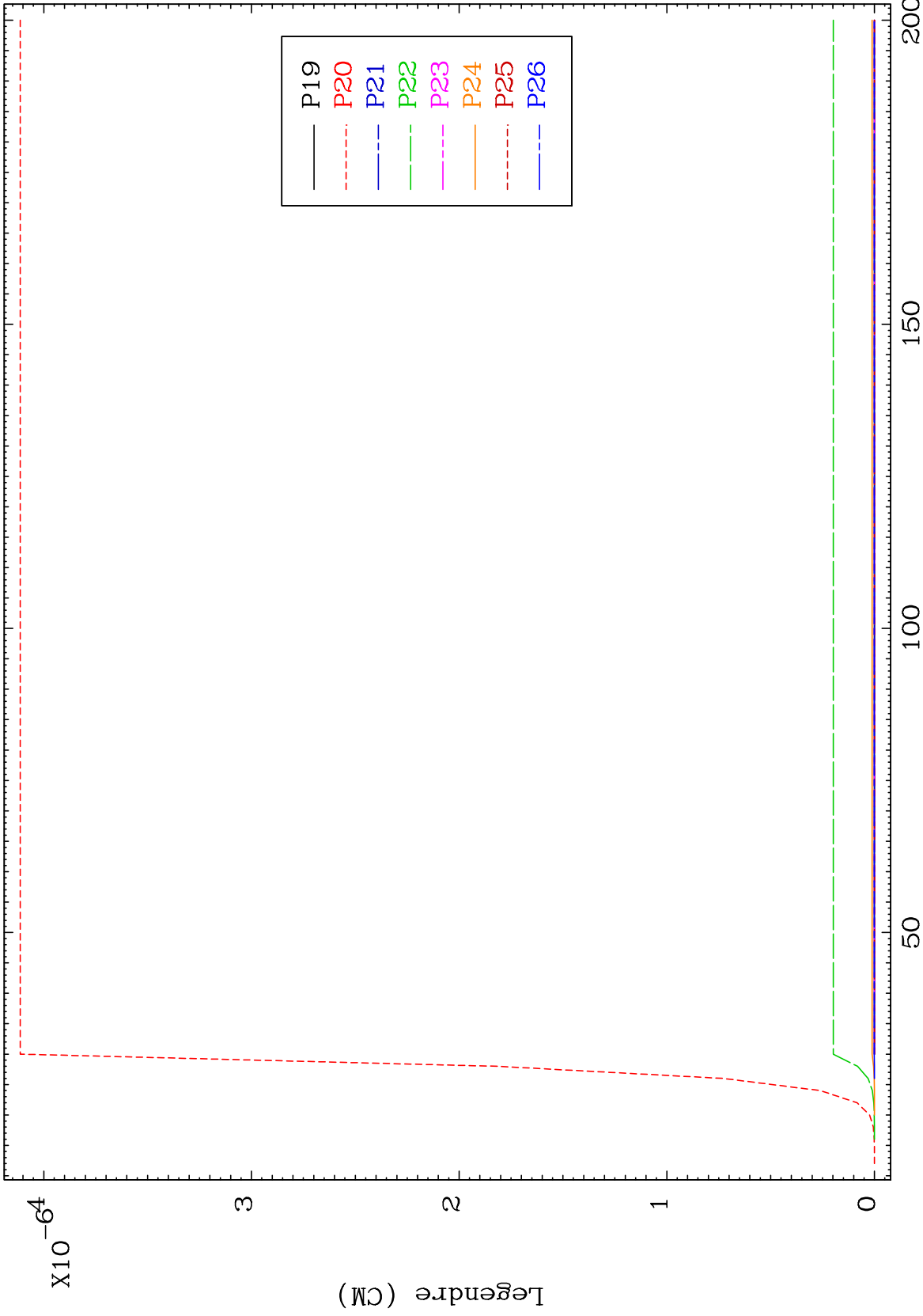
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127

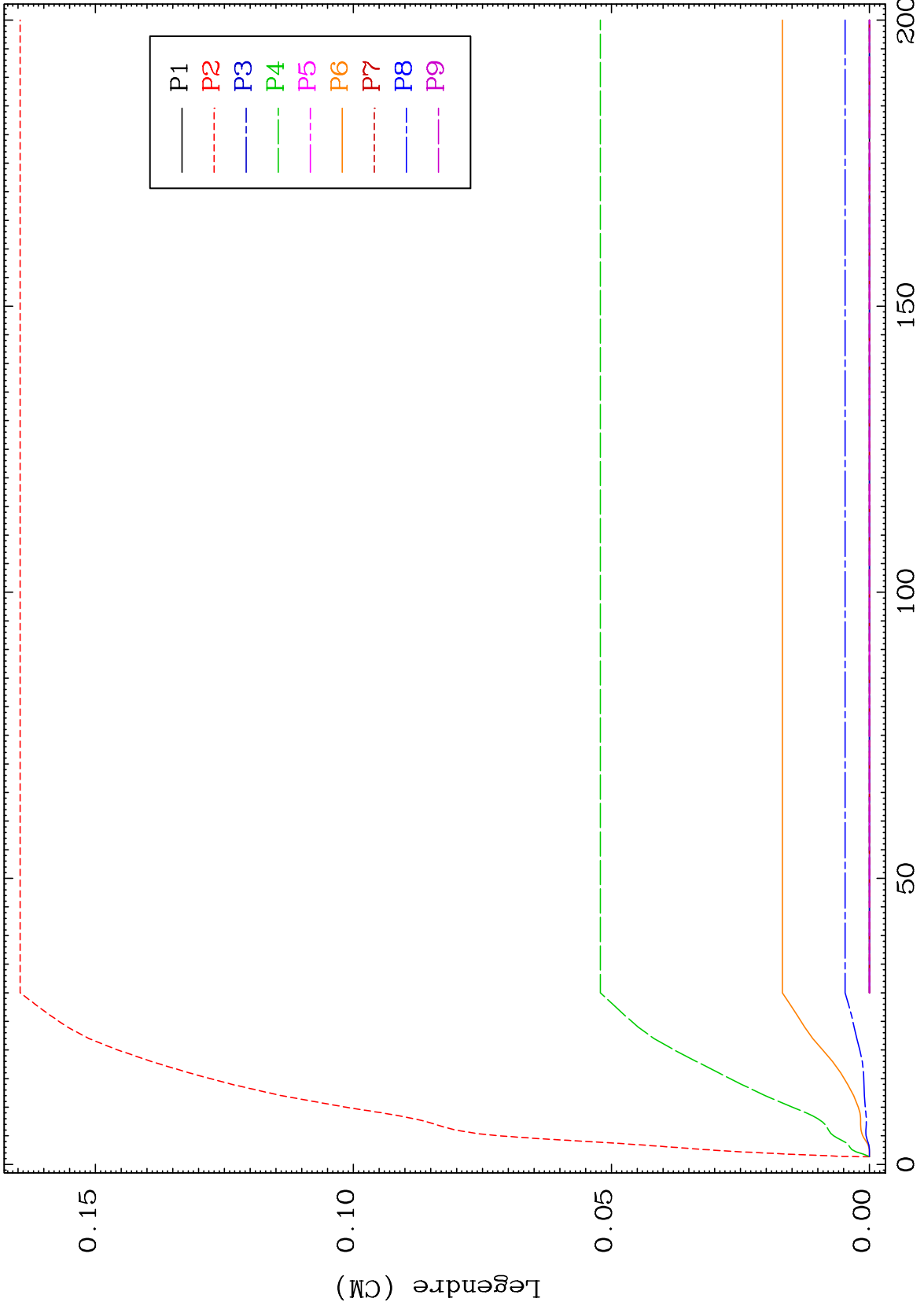


96

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 75 (n,n') Level Legendre Coefficients 52-Te-127

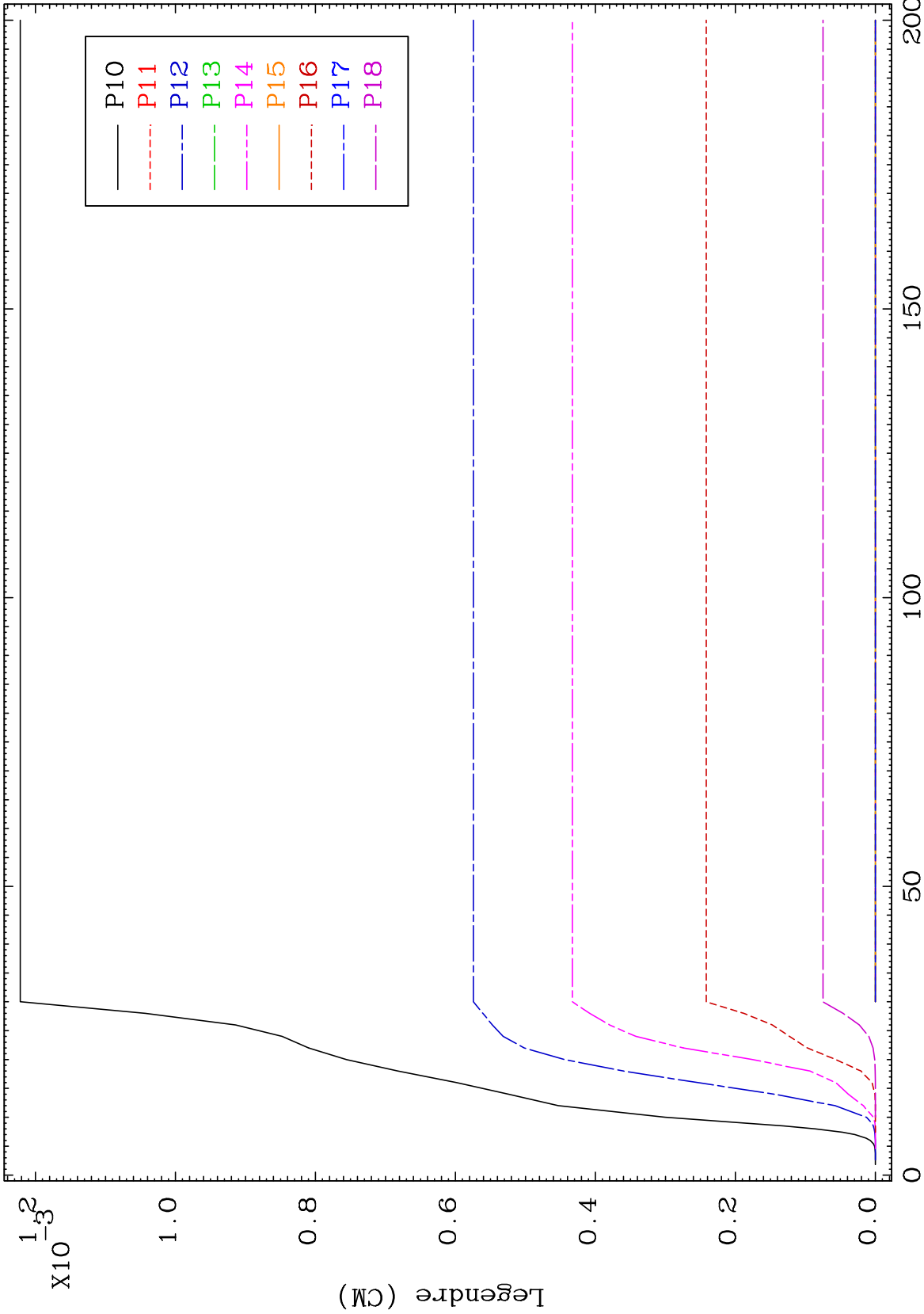


97 52-Te-127

MAT 5246

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

52-Te-127

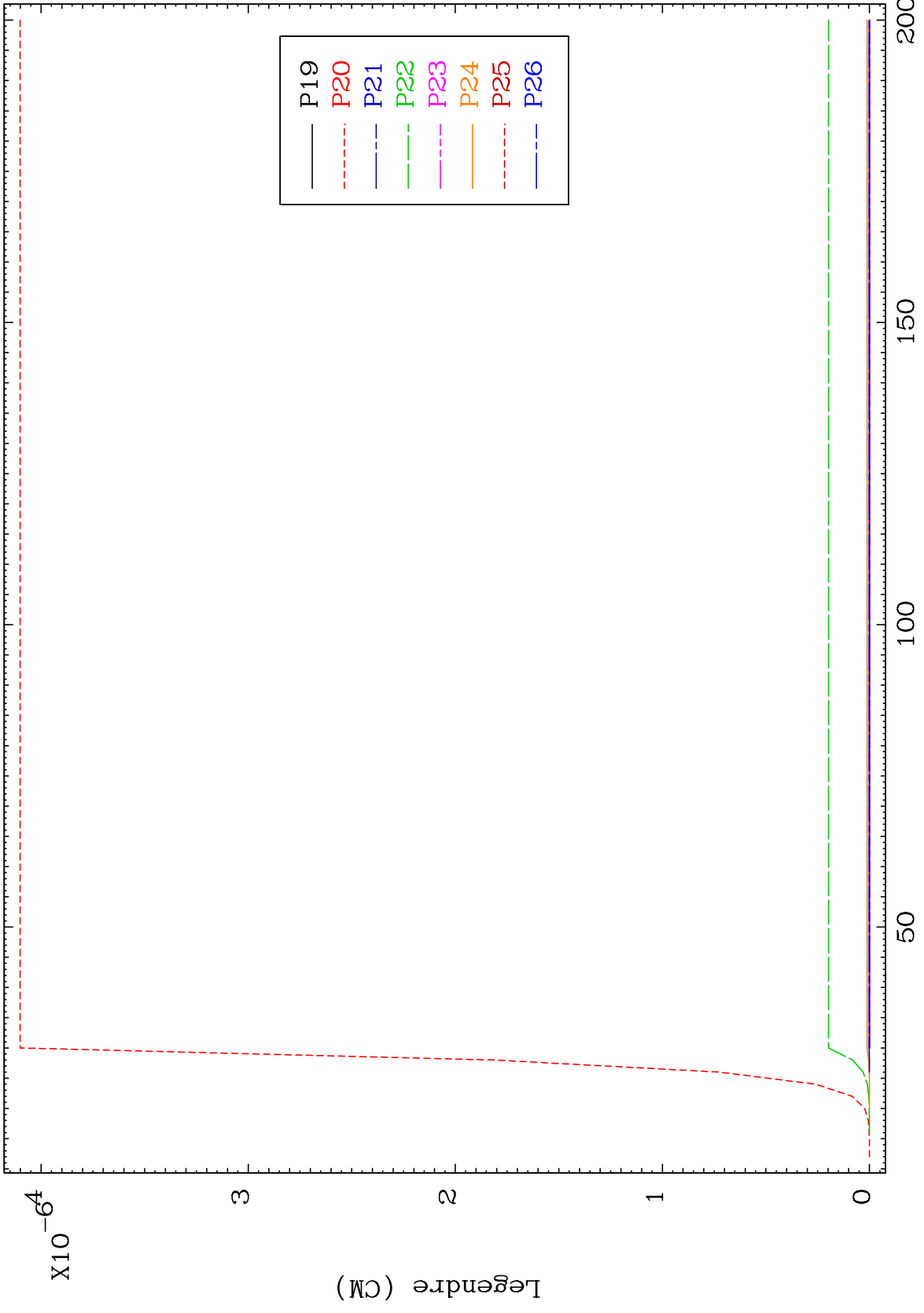


98

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 75 (n,n') Level Legendre Coefficients 52-Te-127

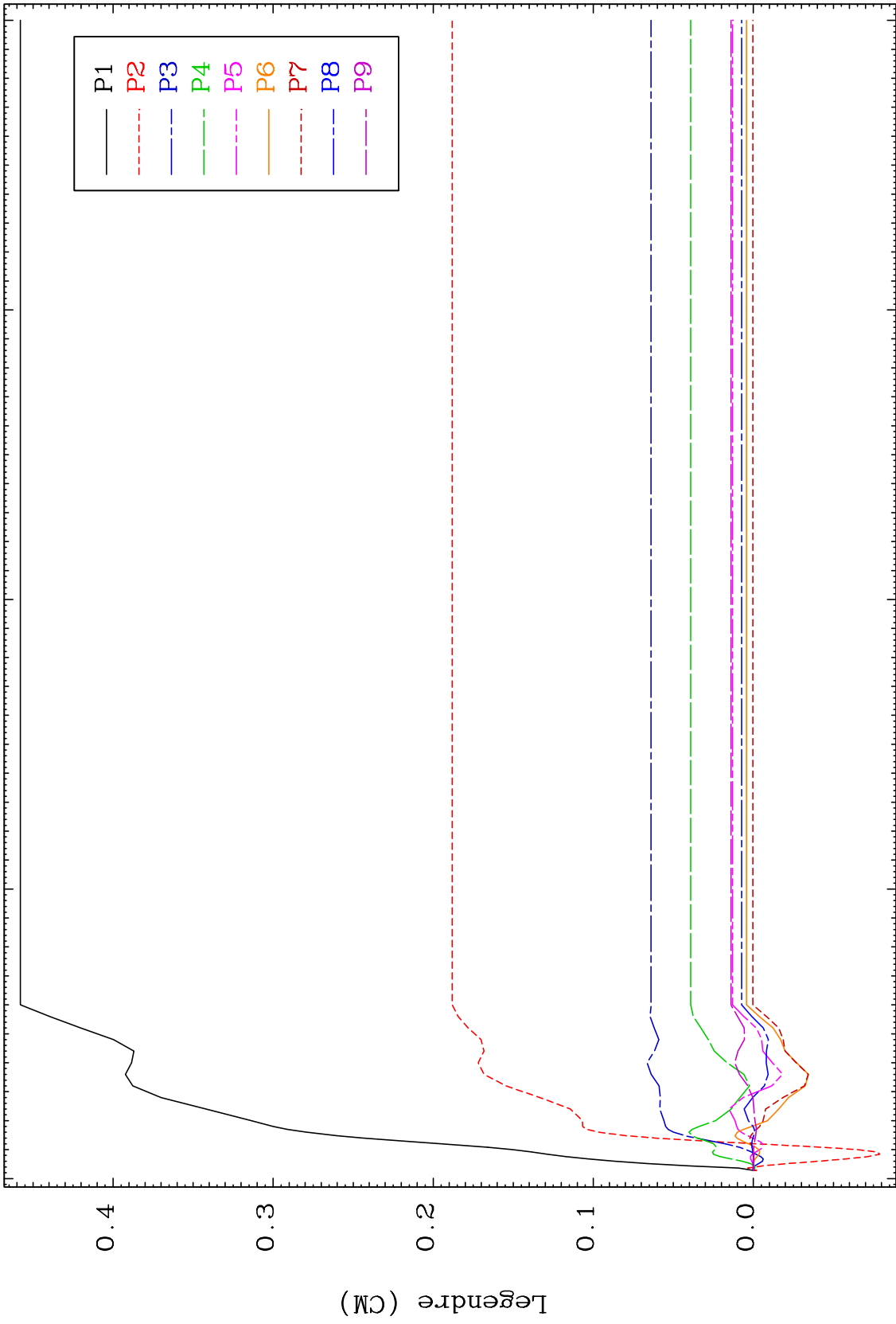


99 52-Te-127

MAT 5246

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

52-Te-127



52-Te-127

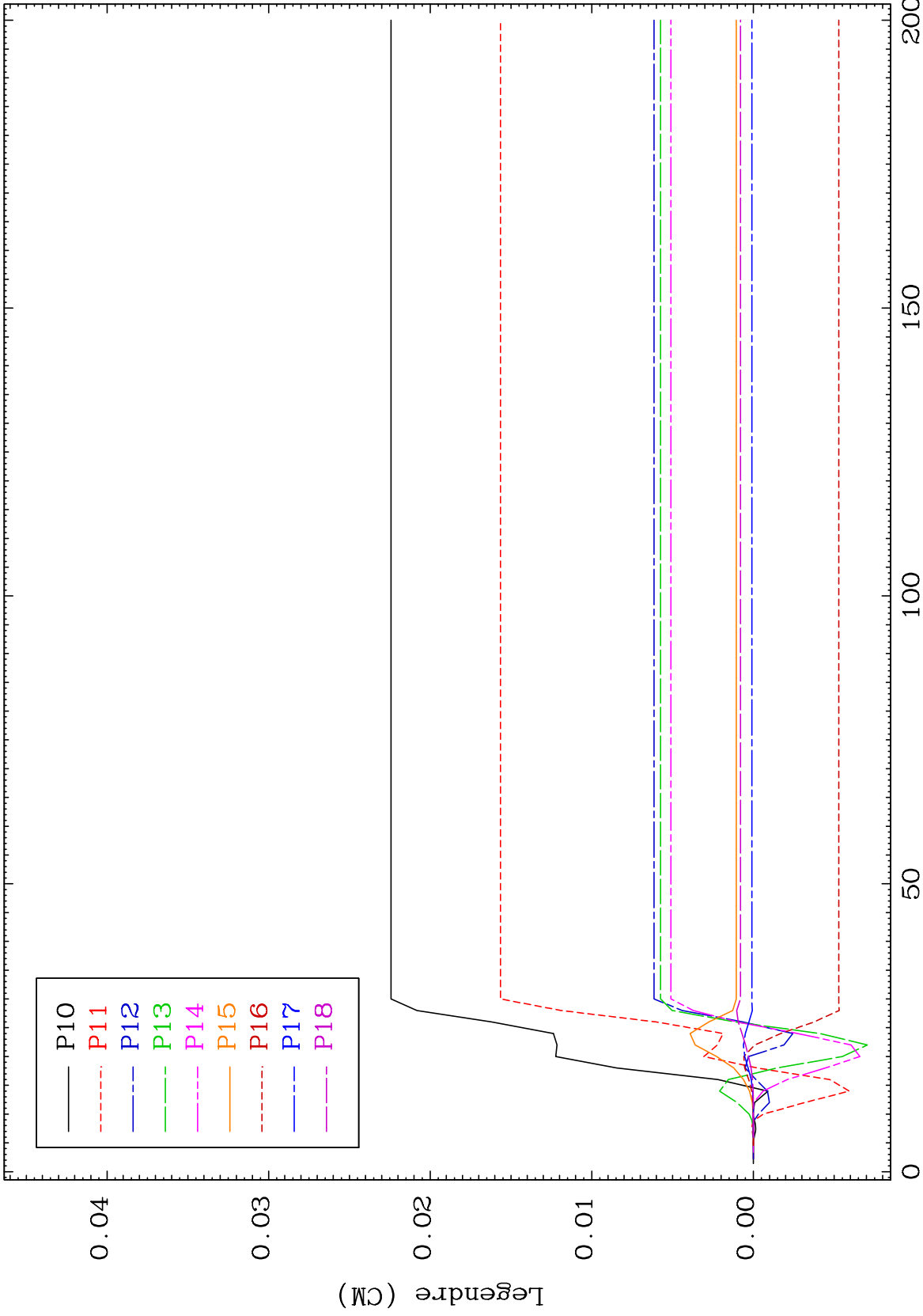
Incident Energy (MeV)

Legendre (CM)

MAT 5246

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

52-Te-127



101

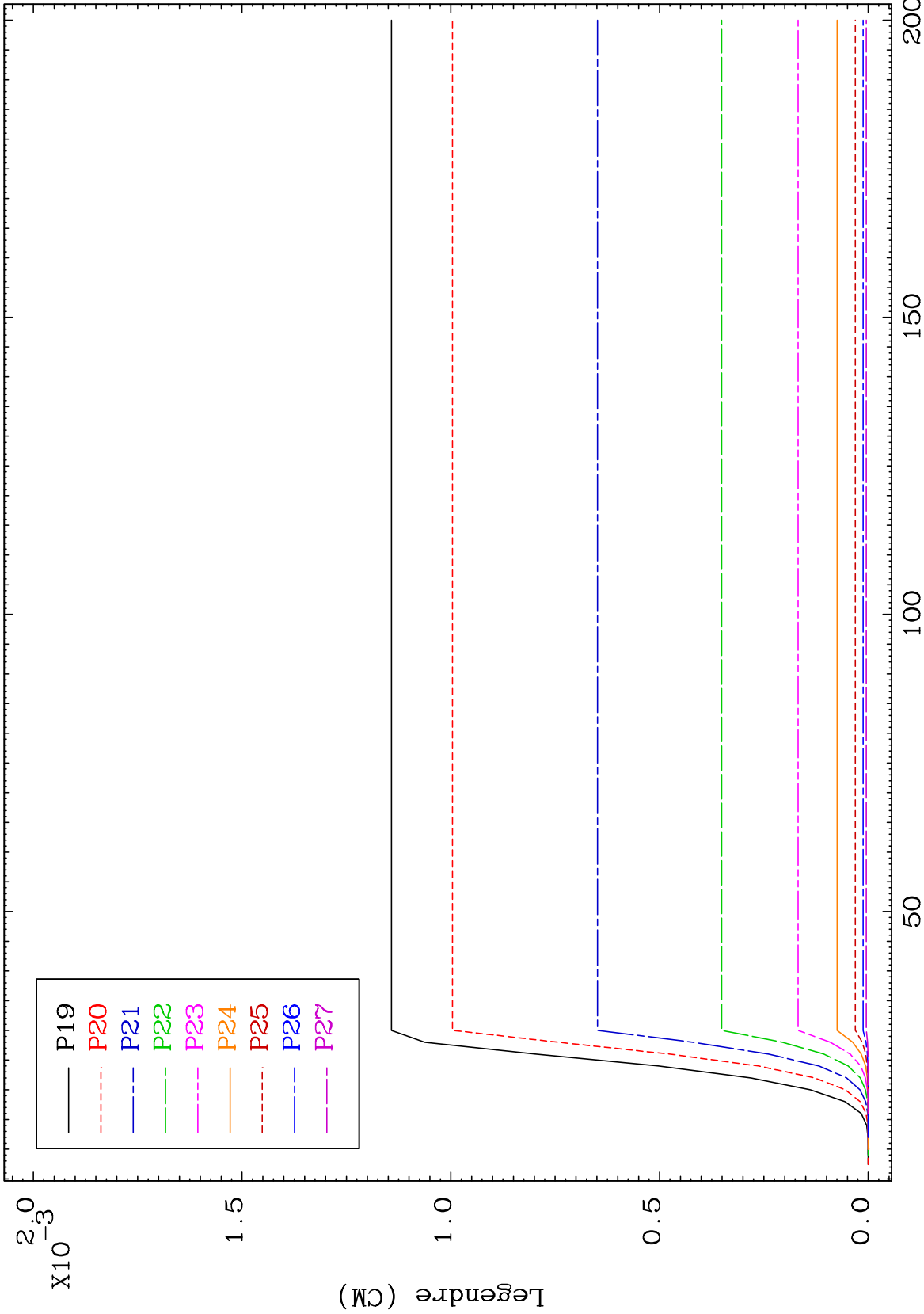
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



102

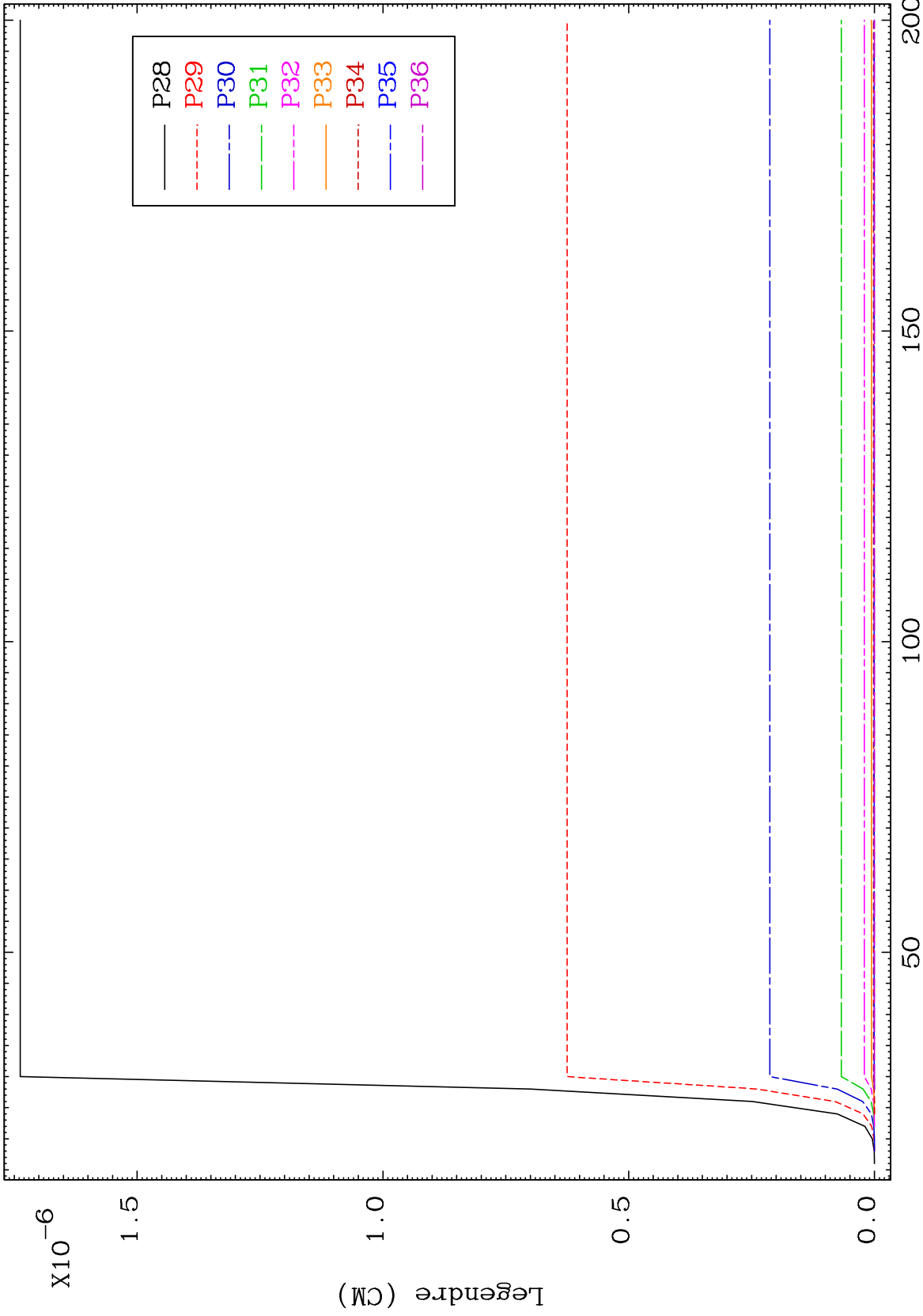
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127

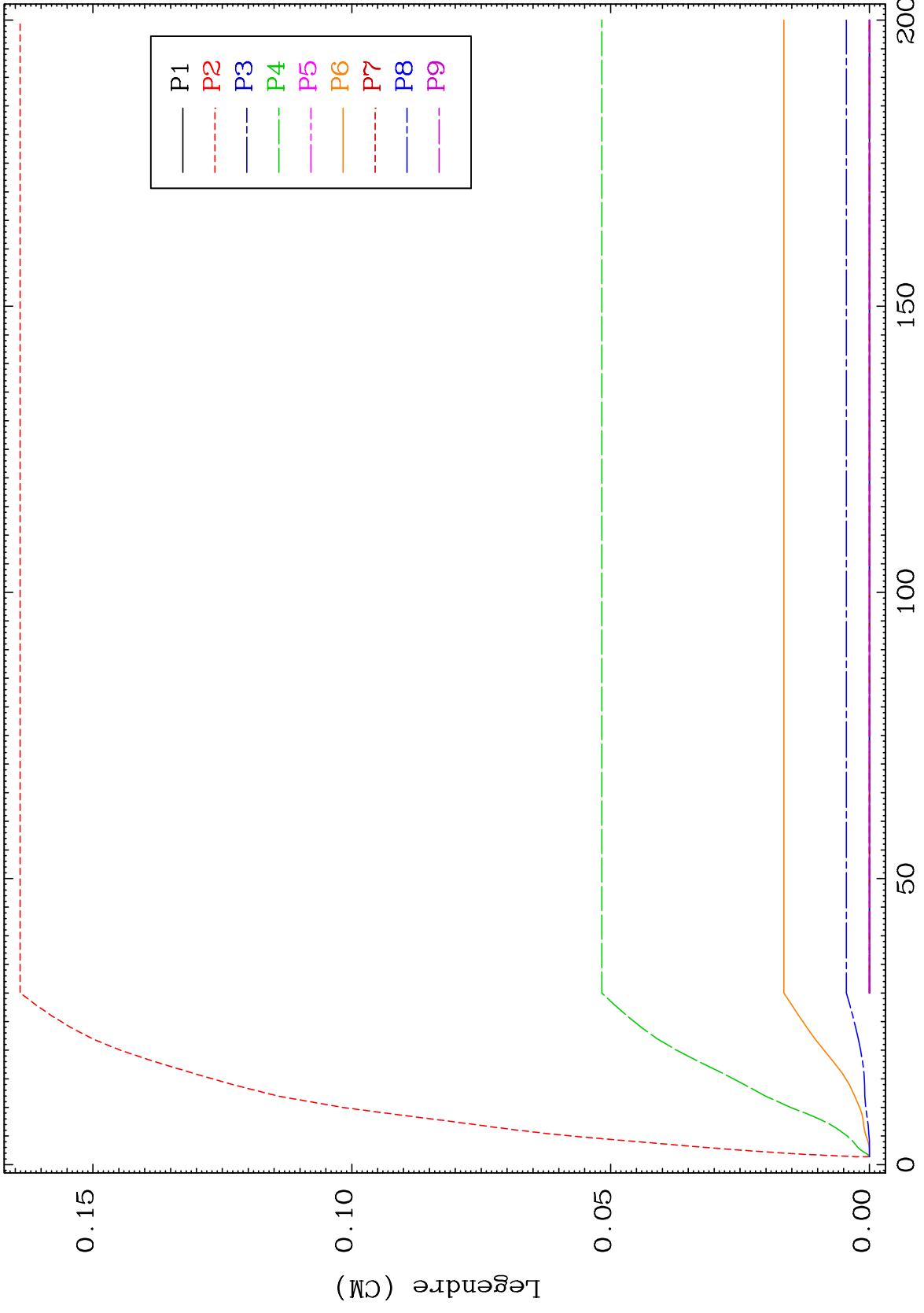


103

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 77 (n,n') Level Legendre Coefficients 52-Te-127

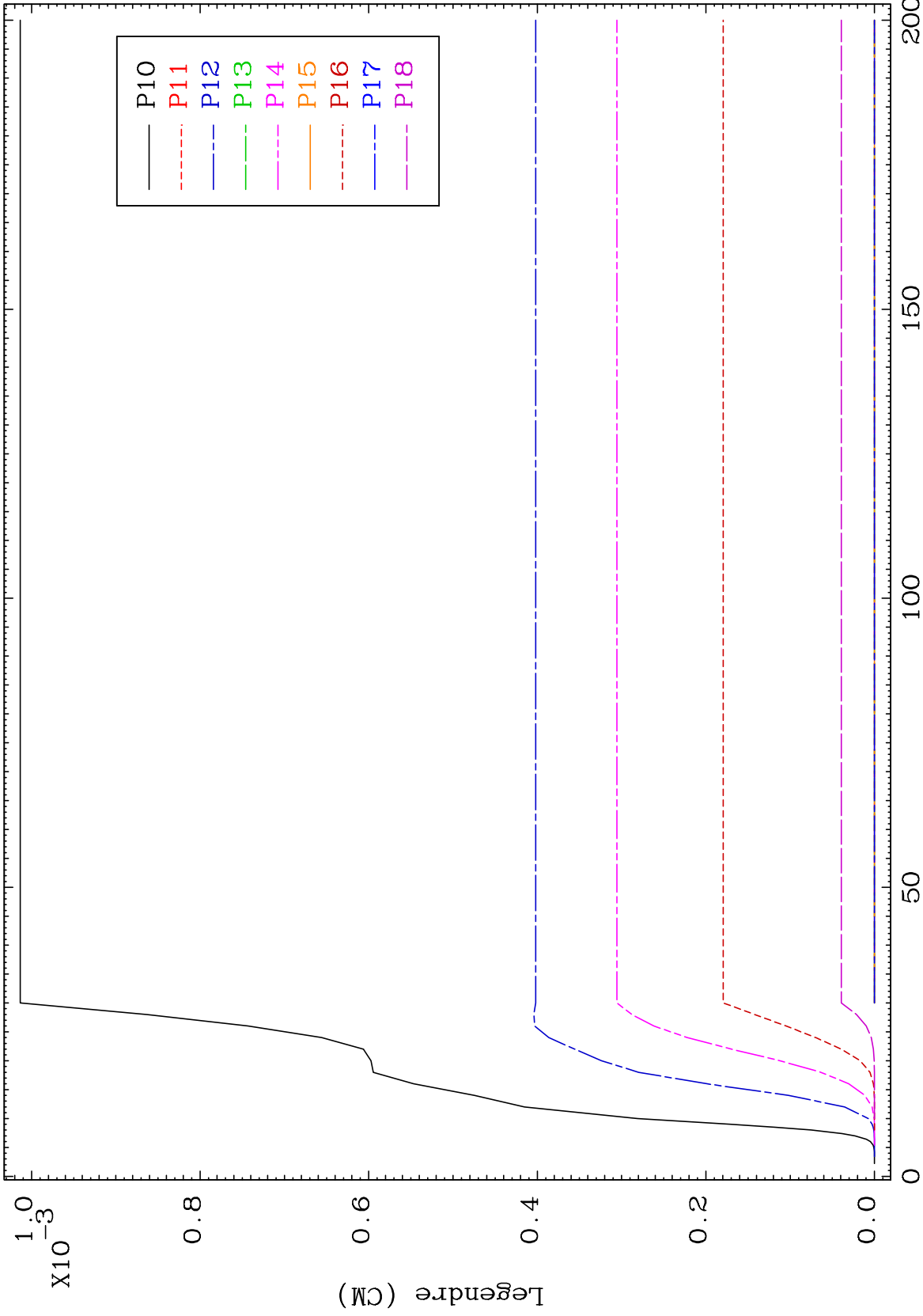


104 Incident Energy (MeV) 52-Te-127

MAT 5246

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

52-Te-127

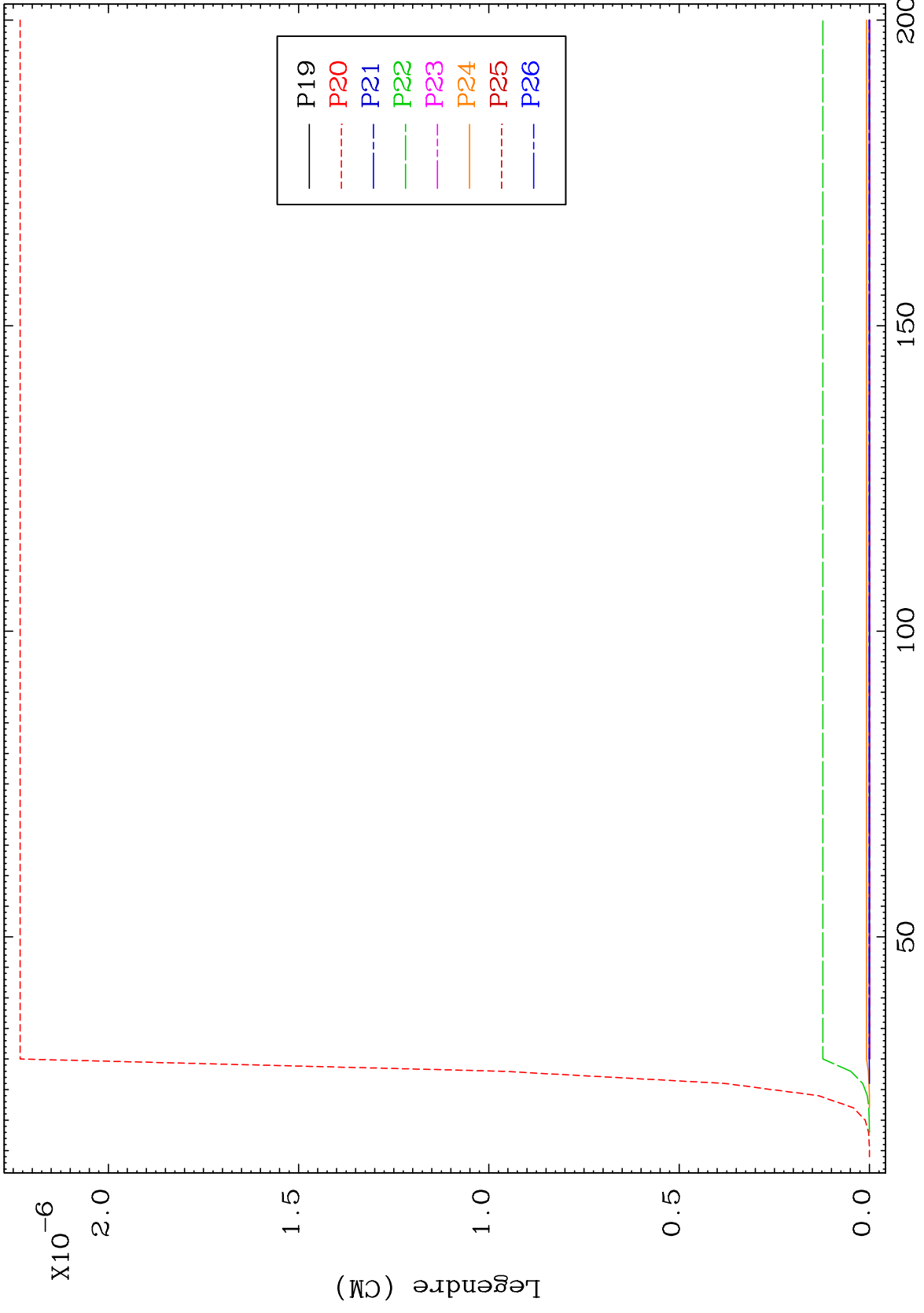


105

Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 77 (n,n') Level Legendre Coefficients 52-Te-127

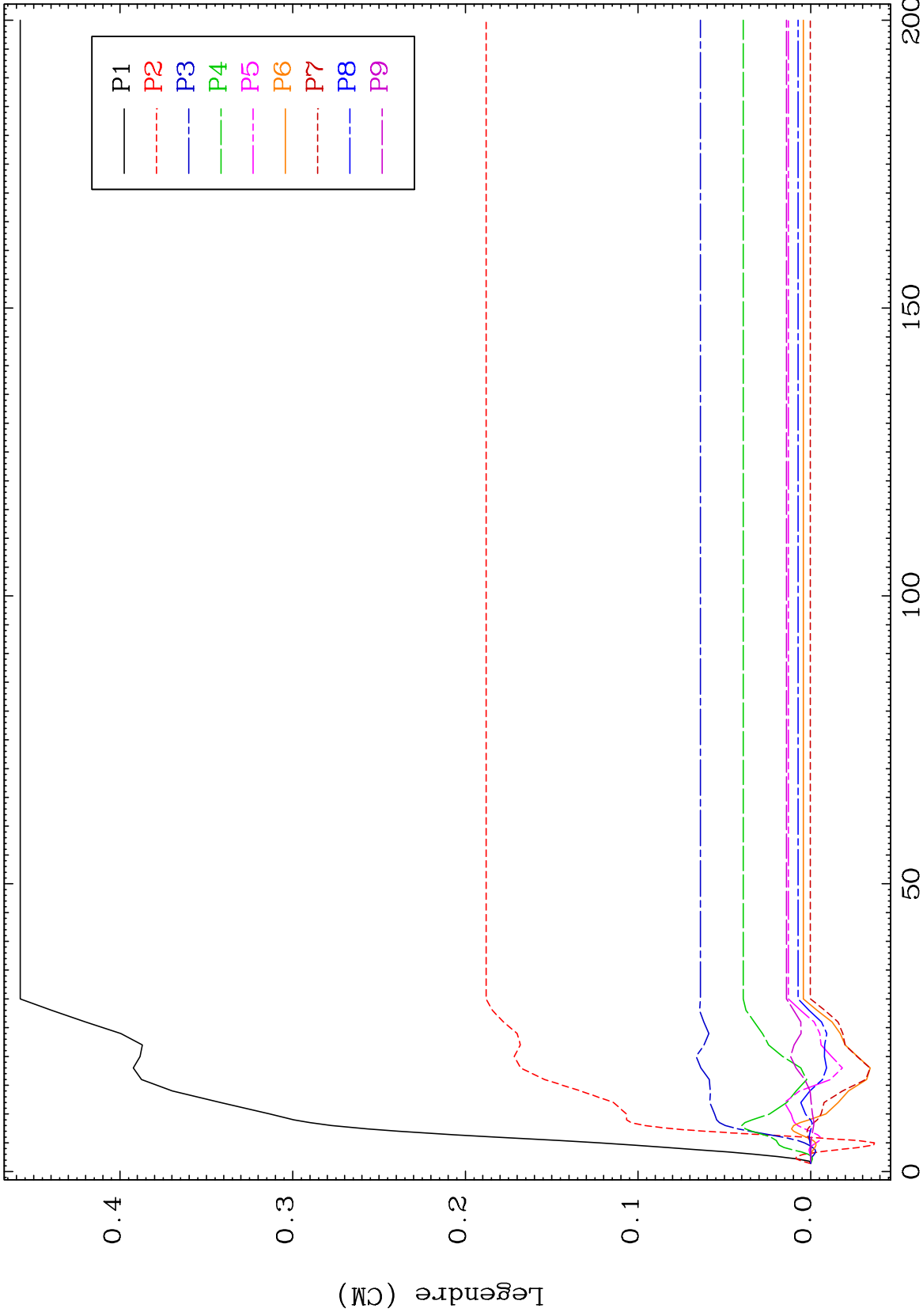


106 50 100 150 200 Incident Energy (MeV) 52-Te-127

MAT 5246

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

52-Te-127



107

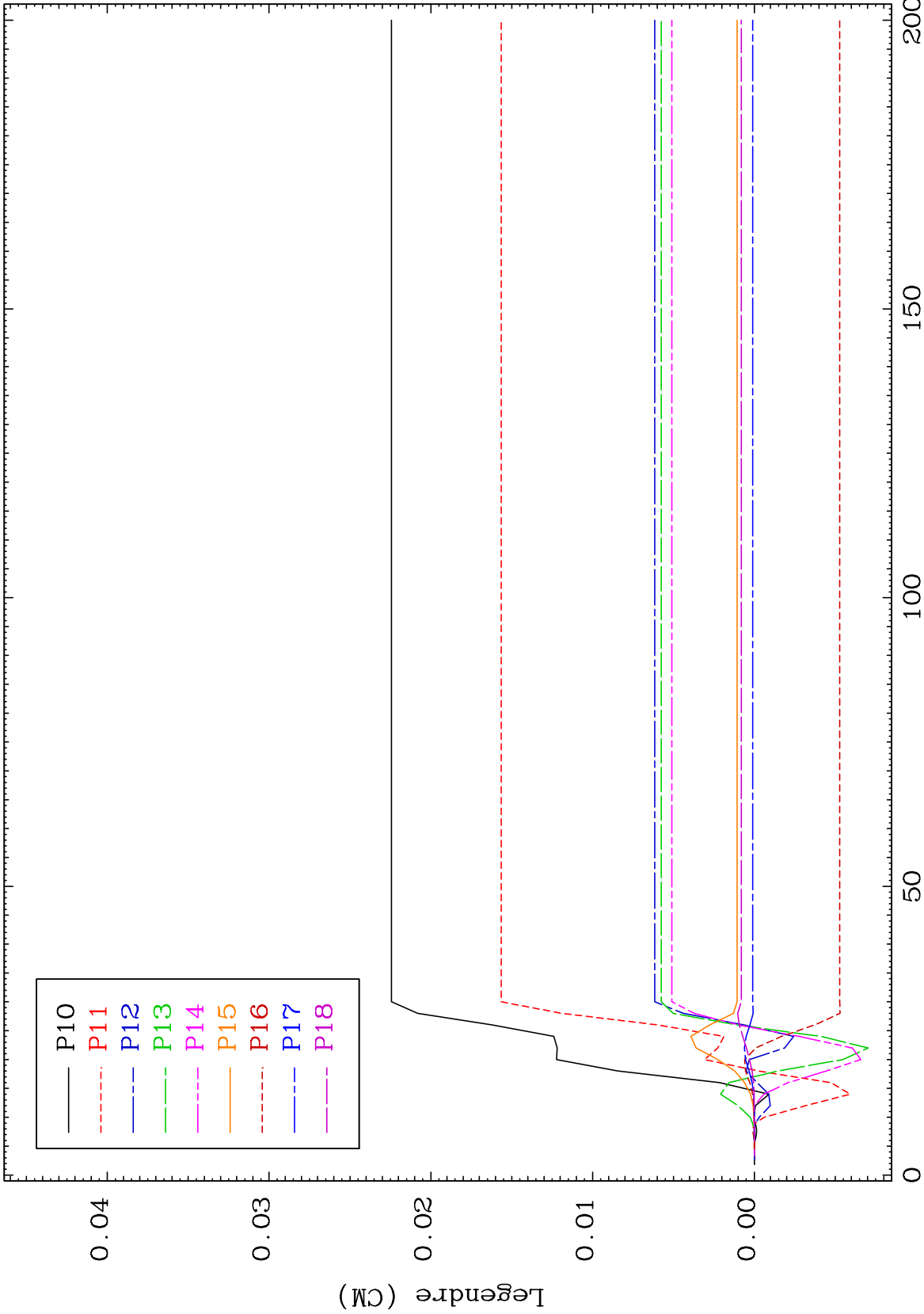
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



108

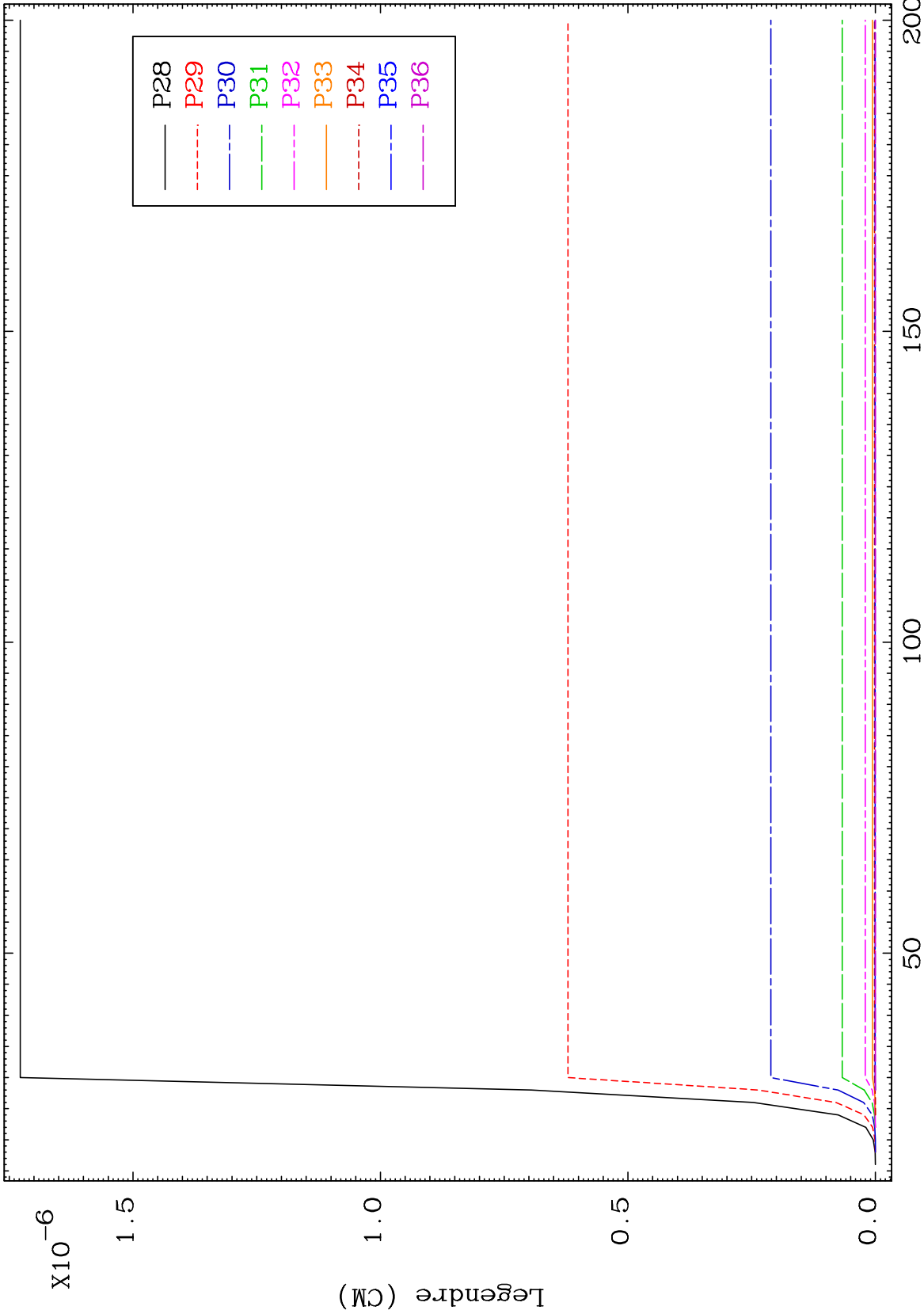
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127

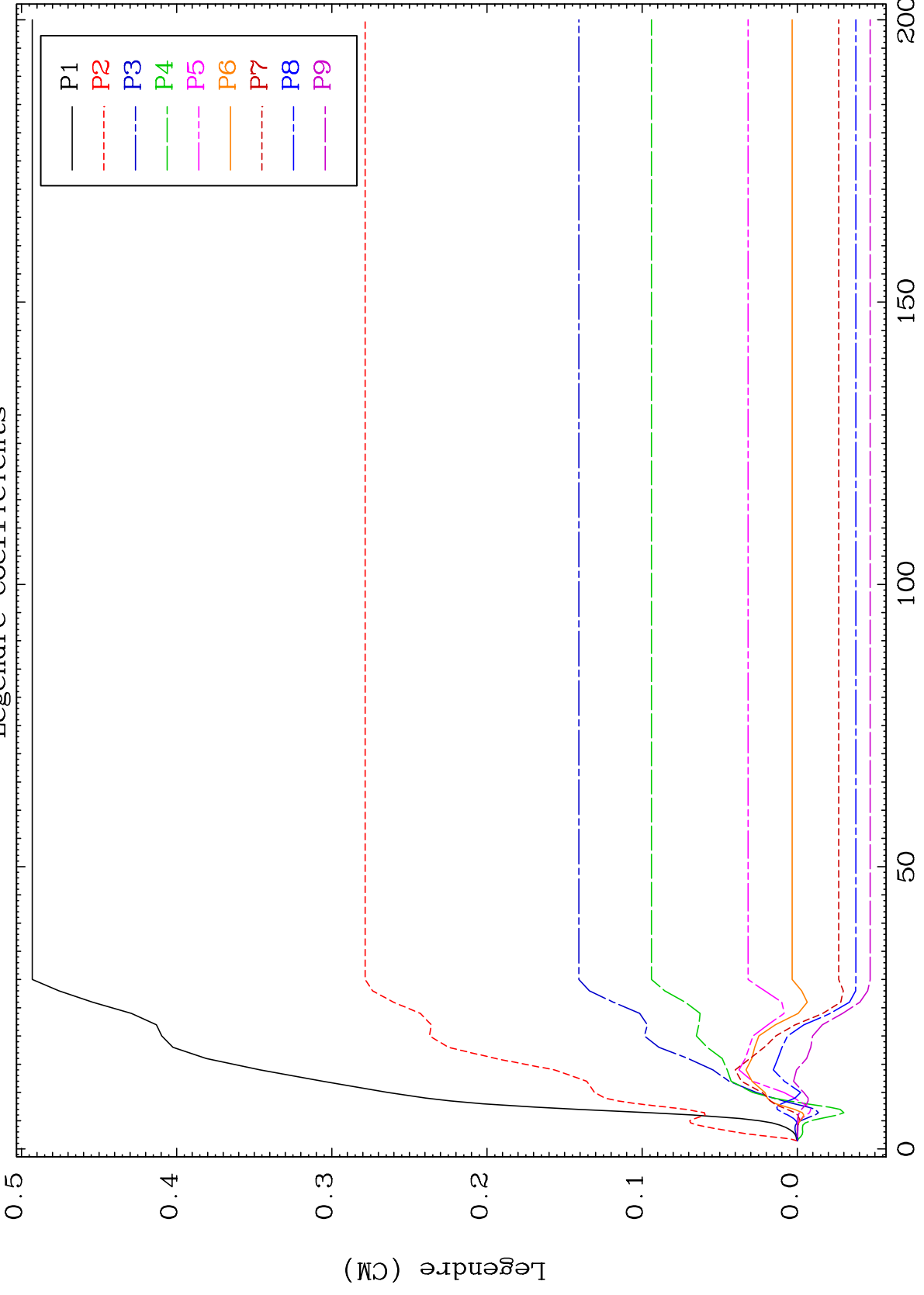


110

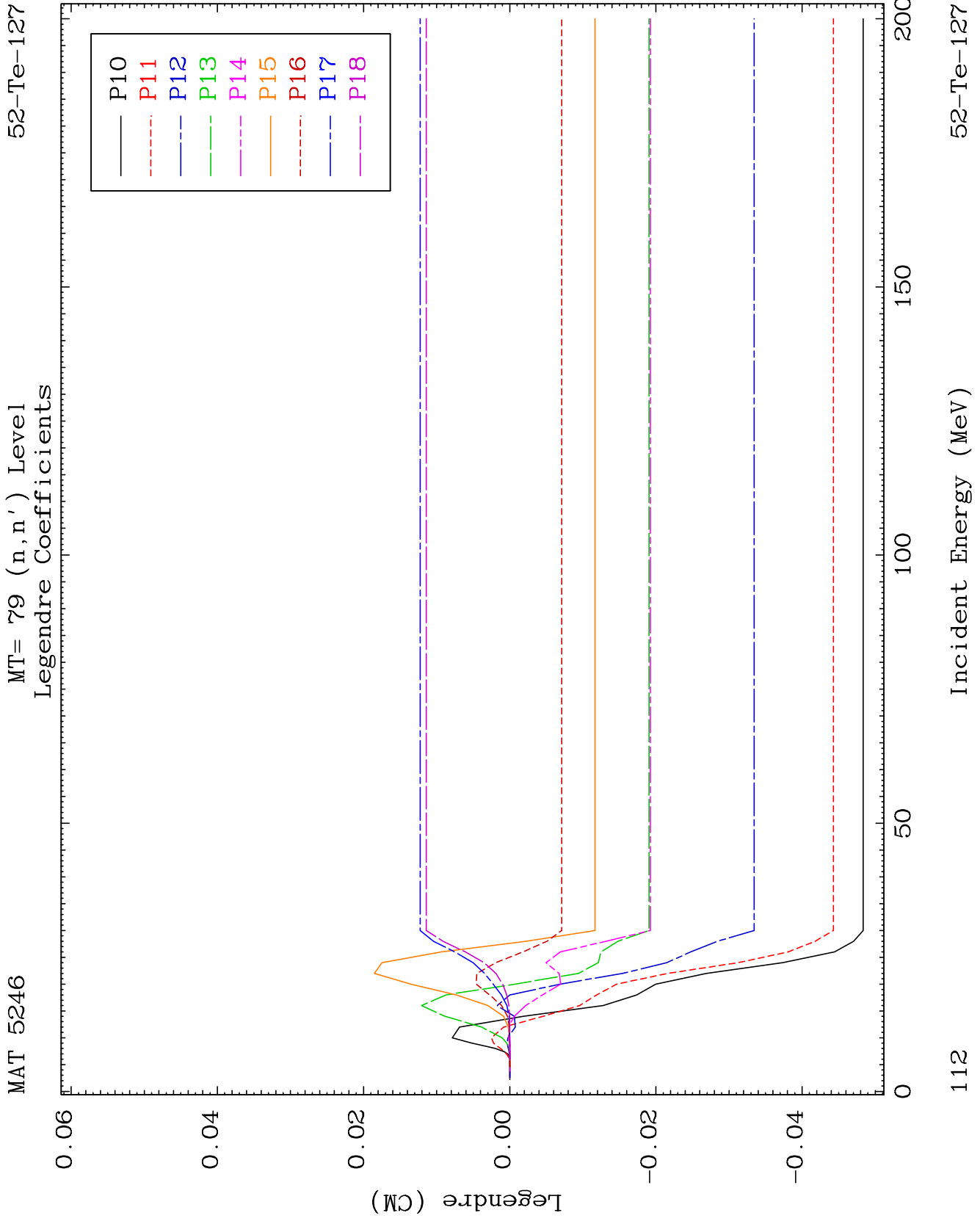
Incident Energy (MeV)

52-Te-127

MAT 5246 MT= 79 (n,n') Level Legendre Coefficients 52-Te-127



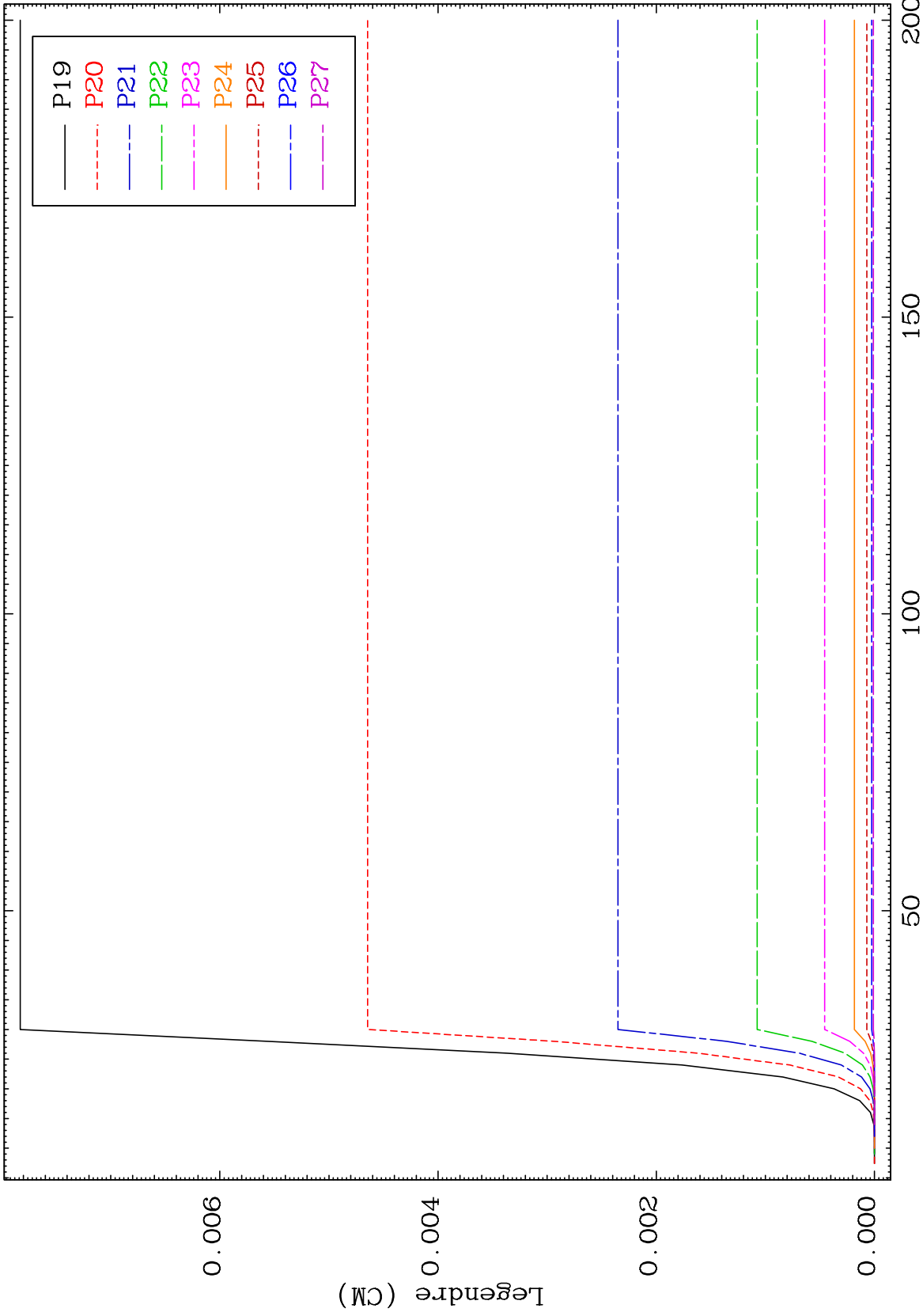
111 52-Te-127



MAT 5246

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

52-Te-127



113

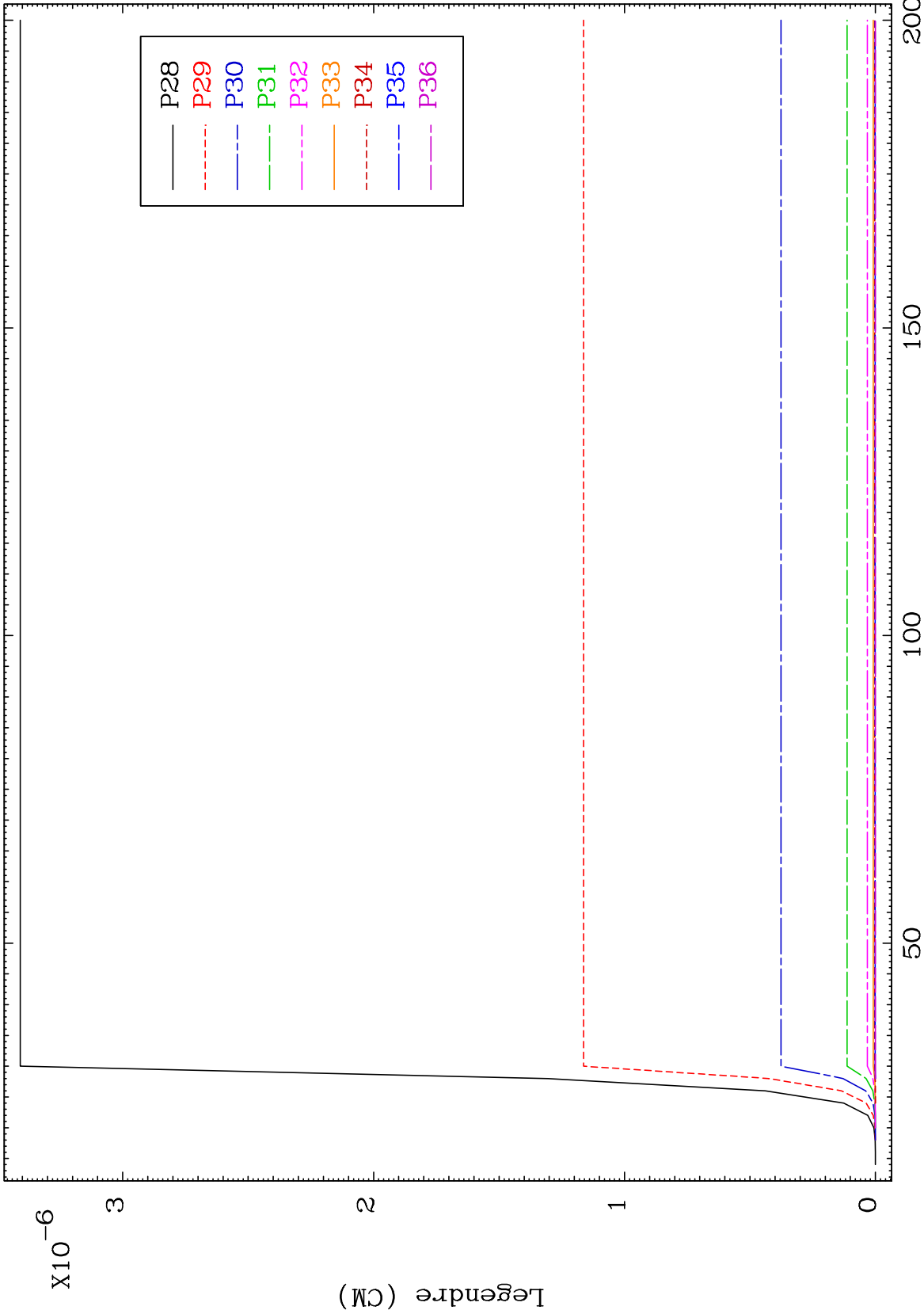
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



114

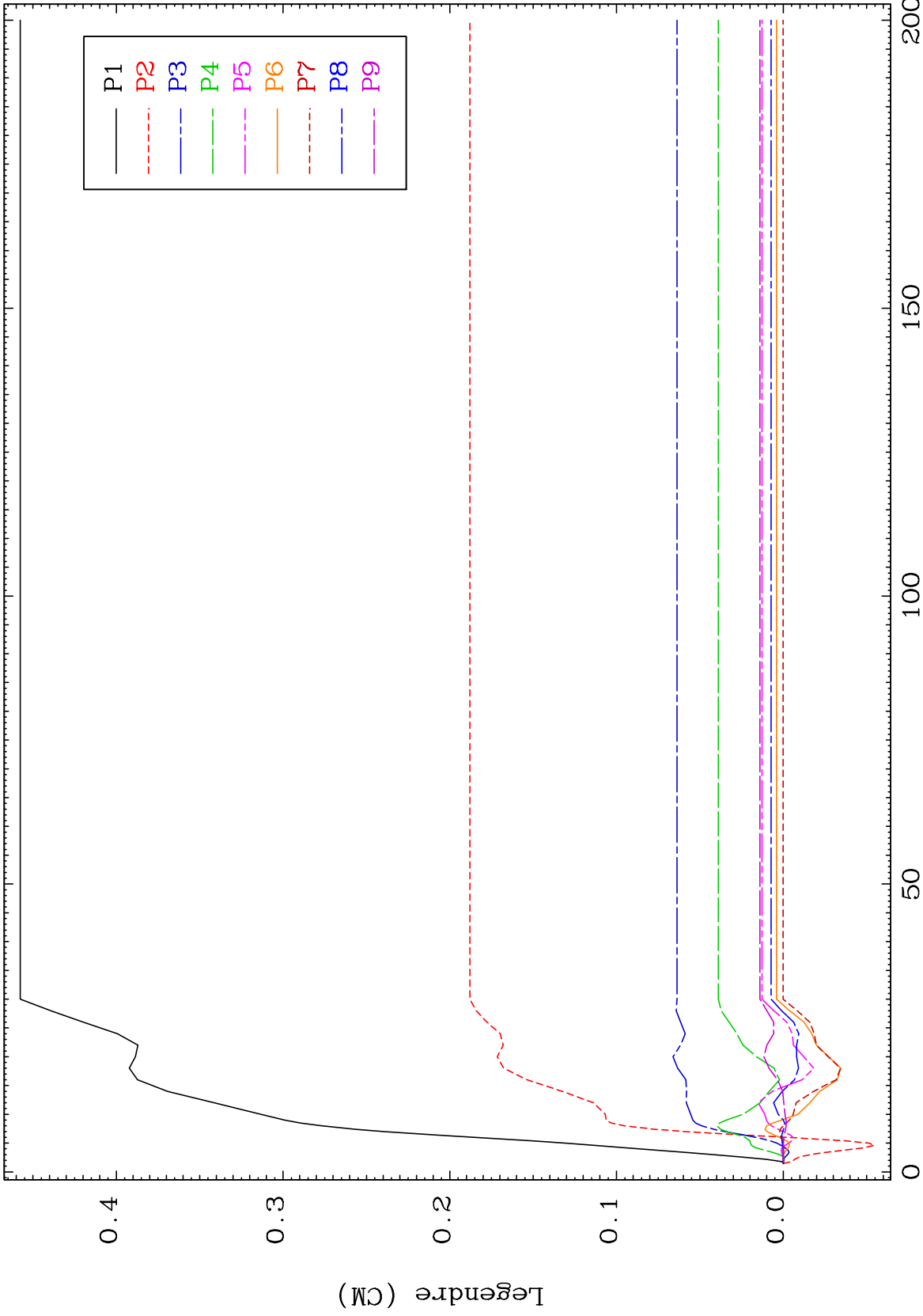
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



115

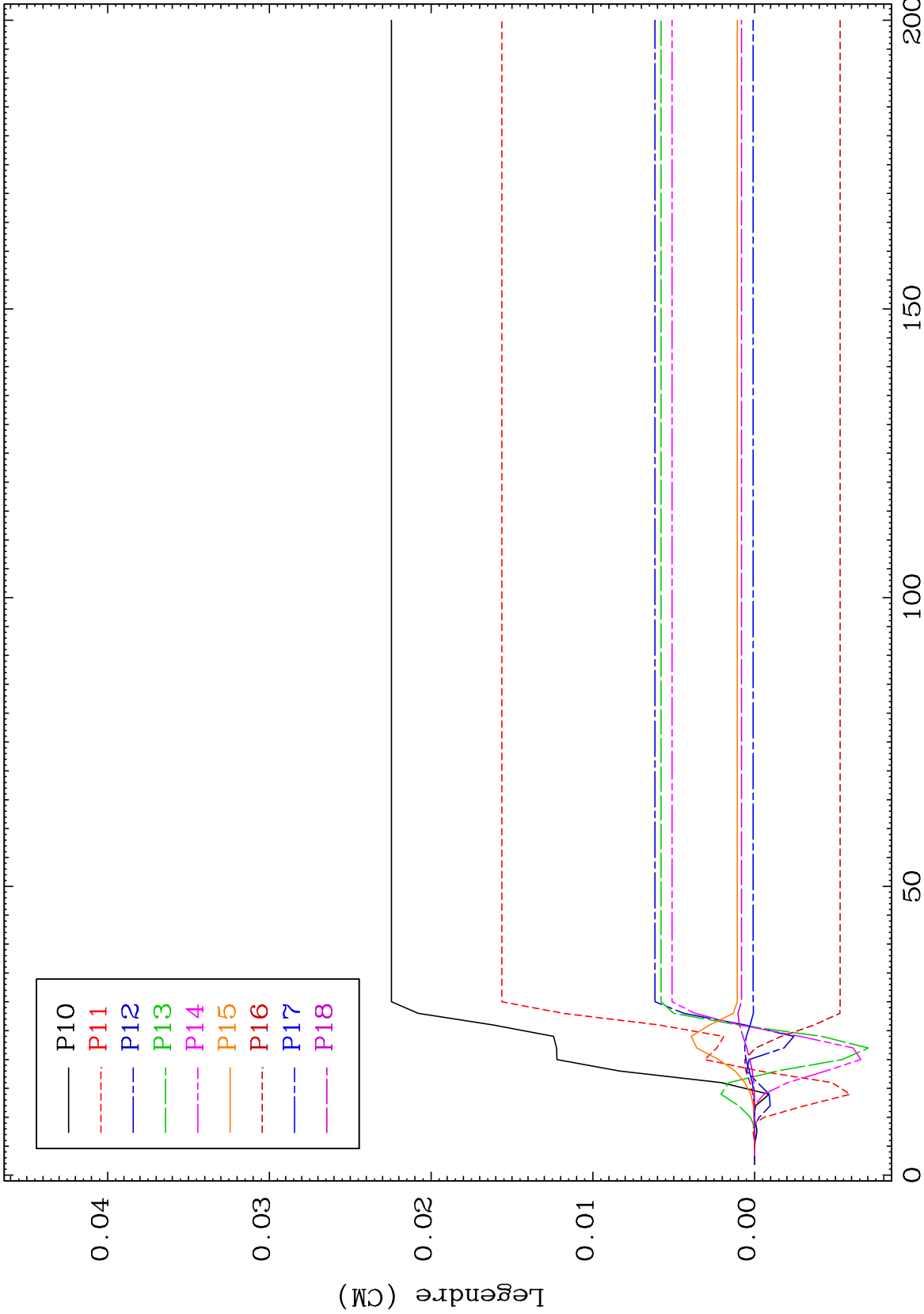
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



116

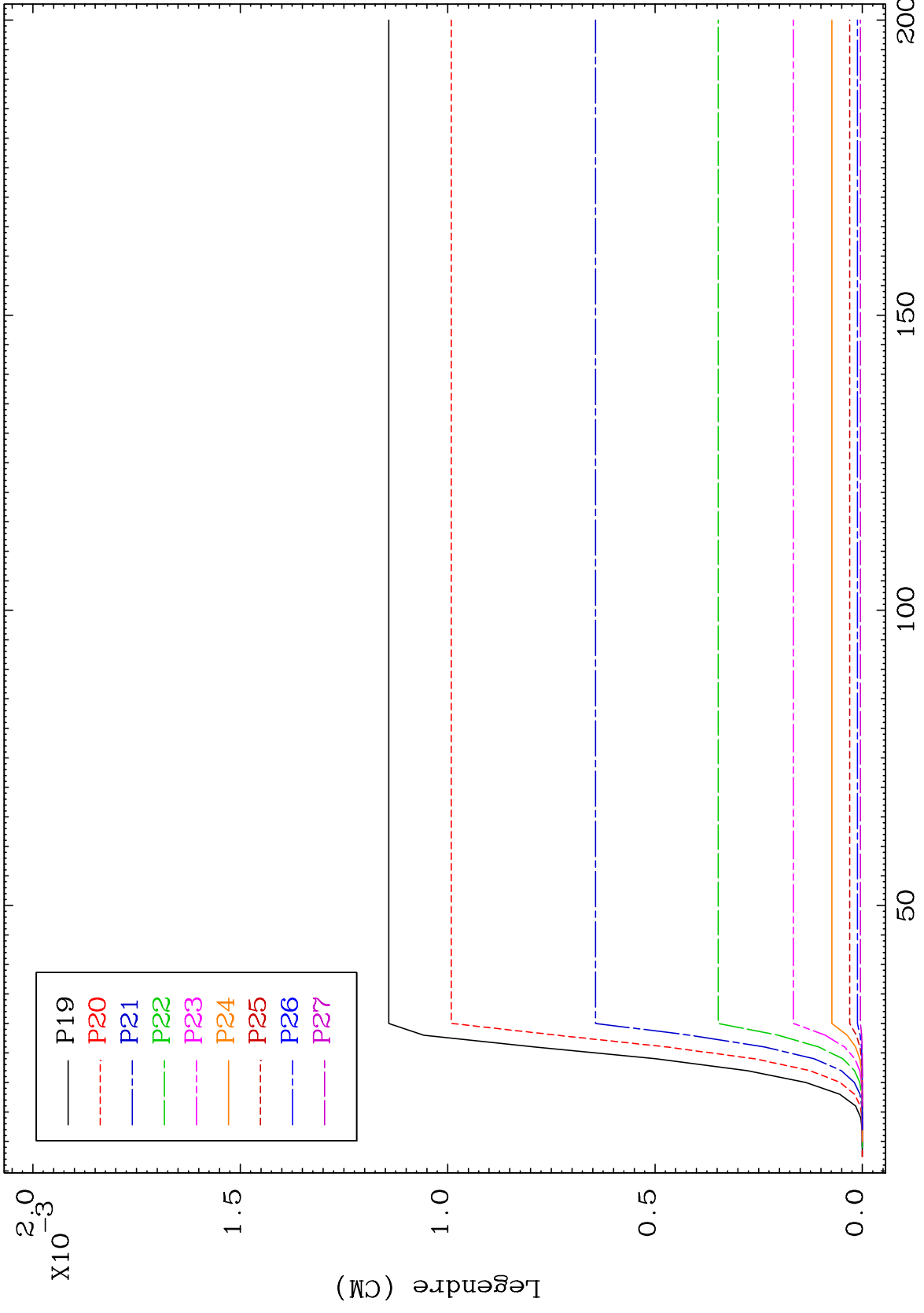
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



117

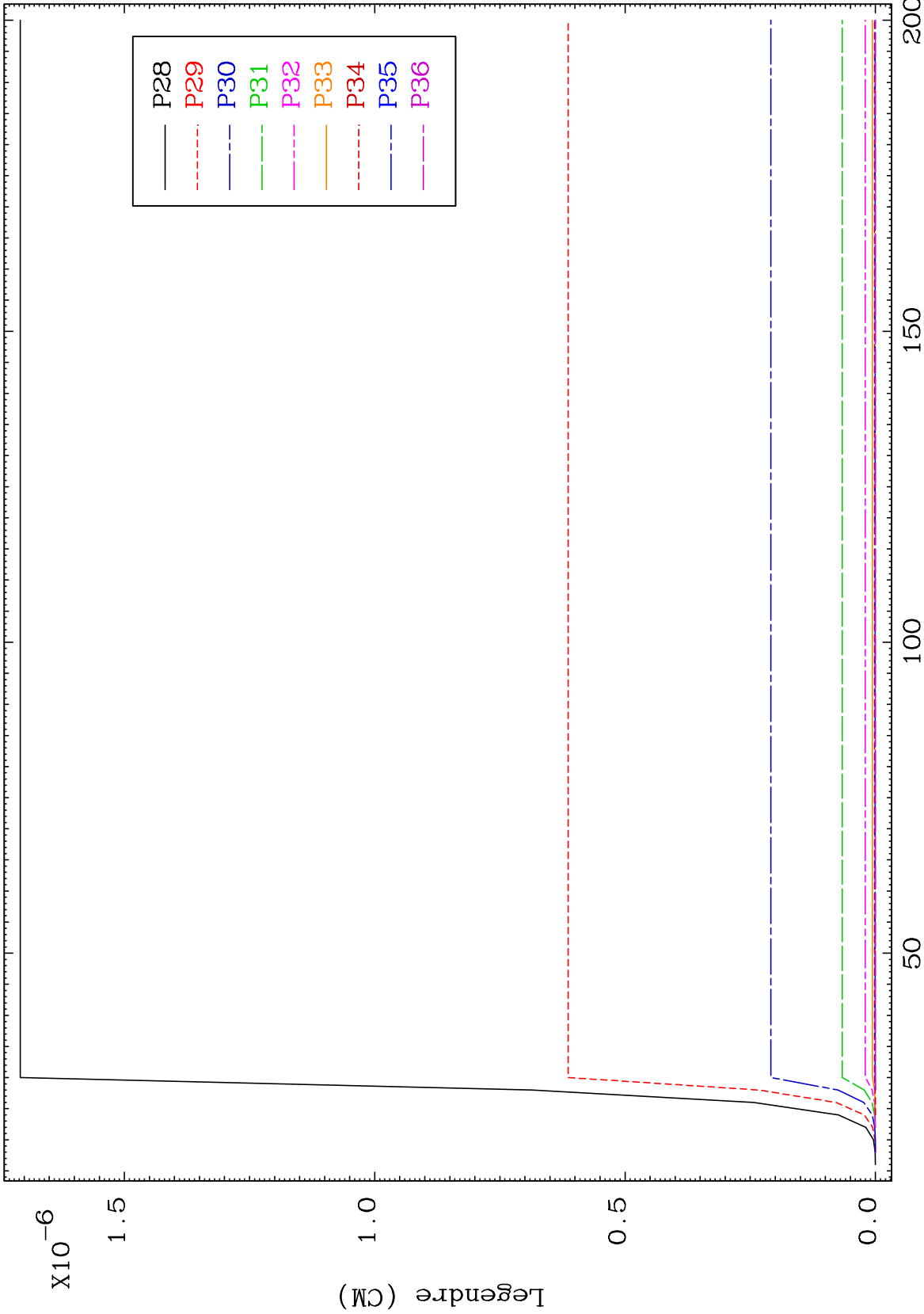
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127



118

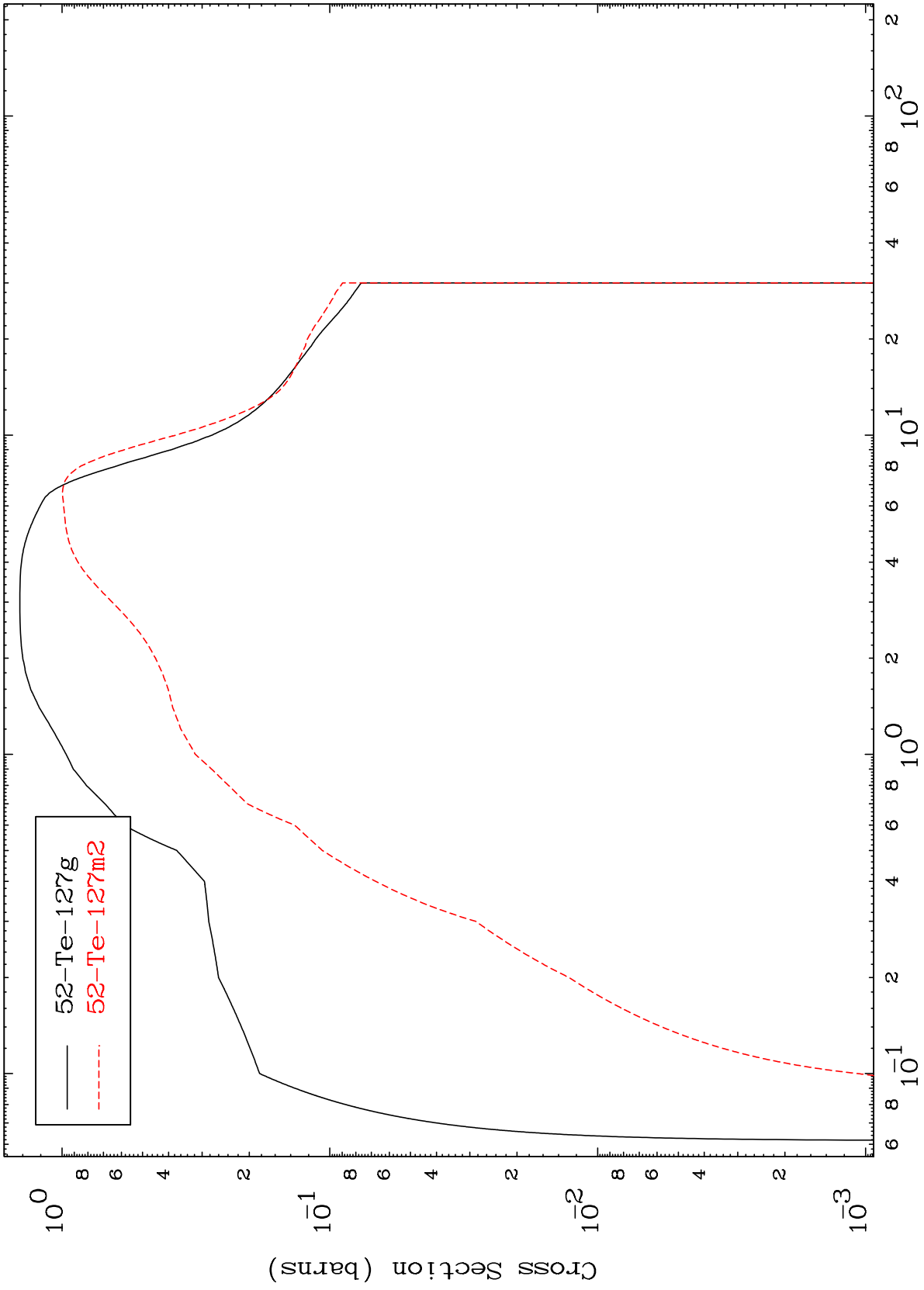
Incident Energy (MeV)

52-Te-127

MAT 5246

52-Te-127

Inelastic
Radionuclide Production Cross Section



52-Te-127g
52-Te-127m2

52-Te-127

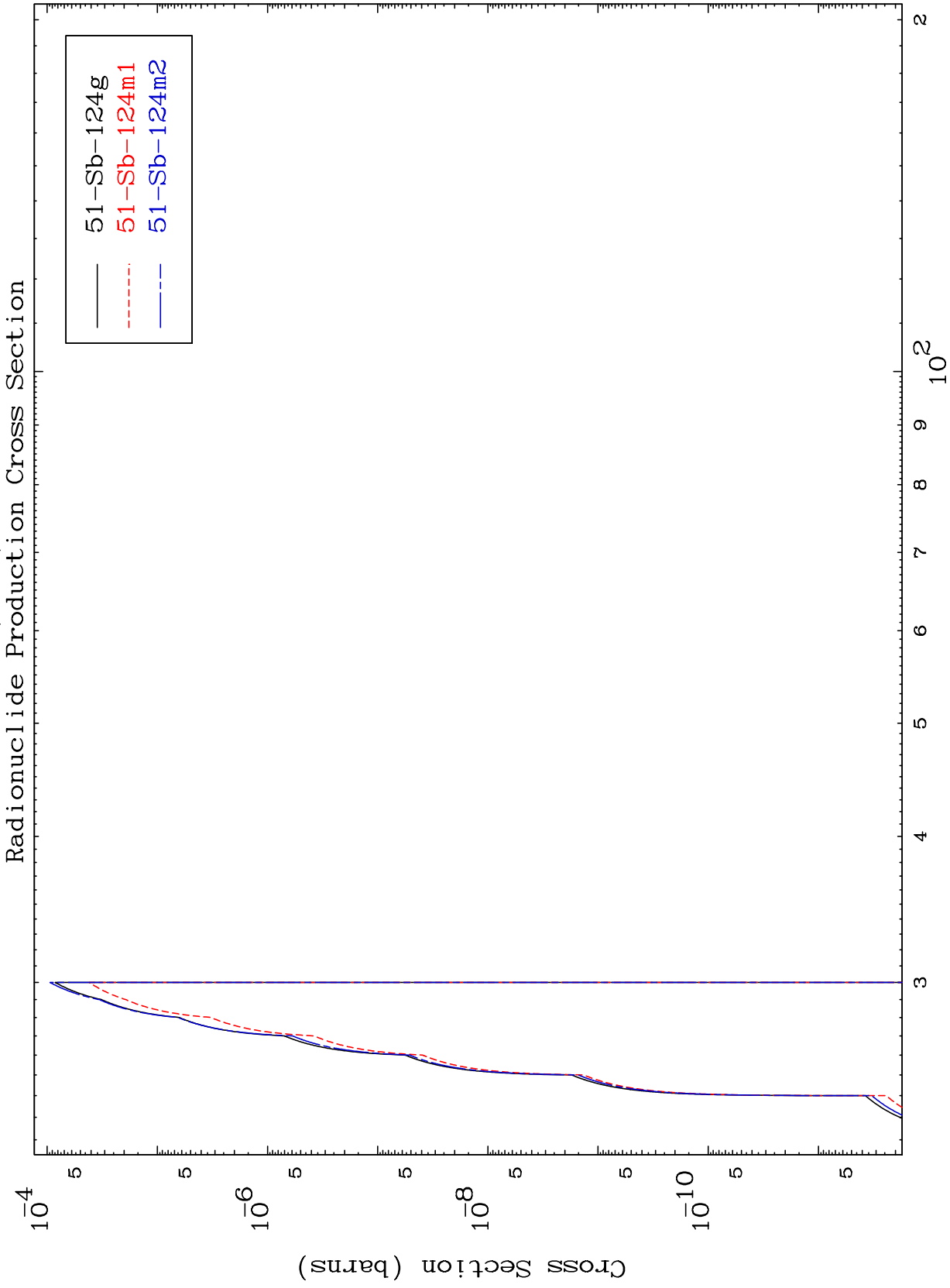
Incident Energy (MeV)

119

MAT 5246

(n,2n) d

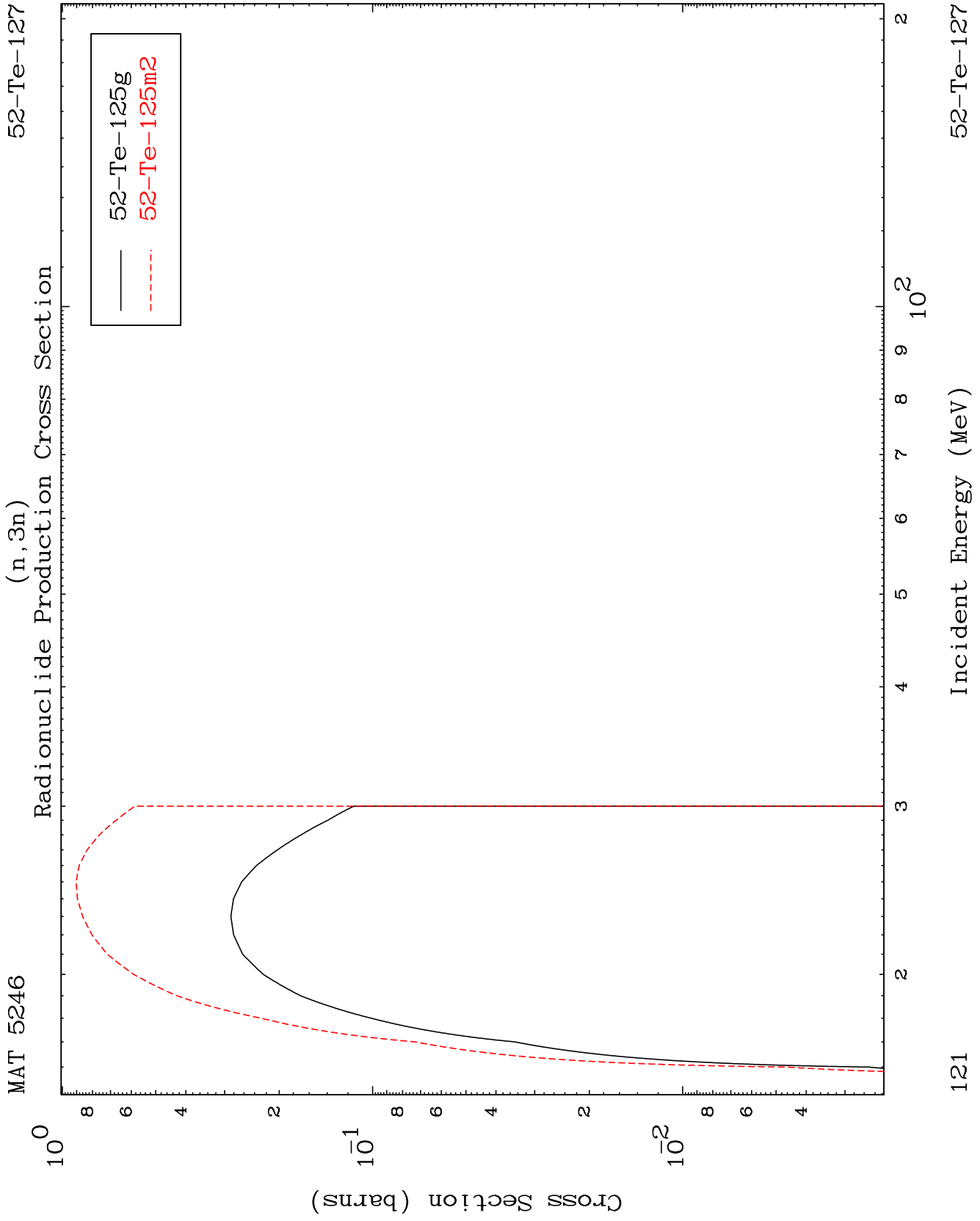
52-Te-127



120

Incident Energy (MeV)

52-Te-127

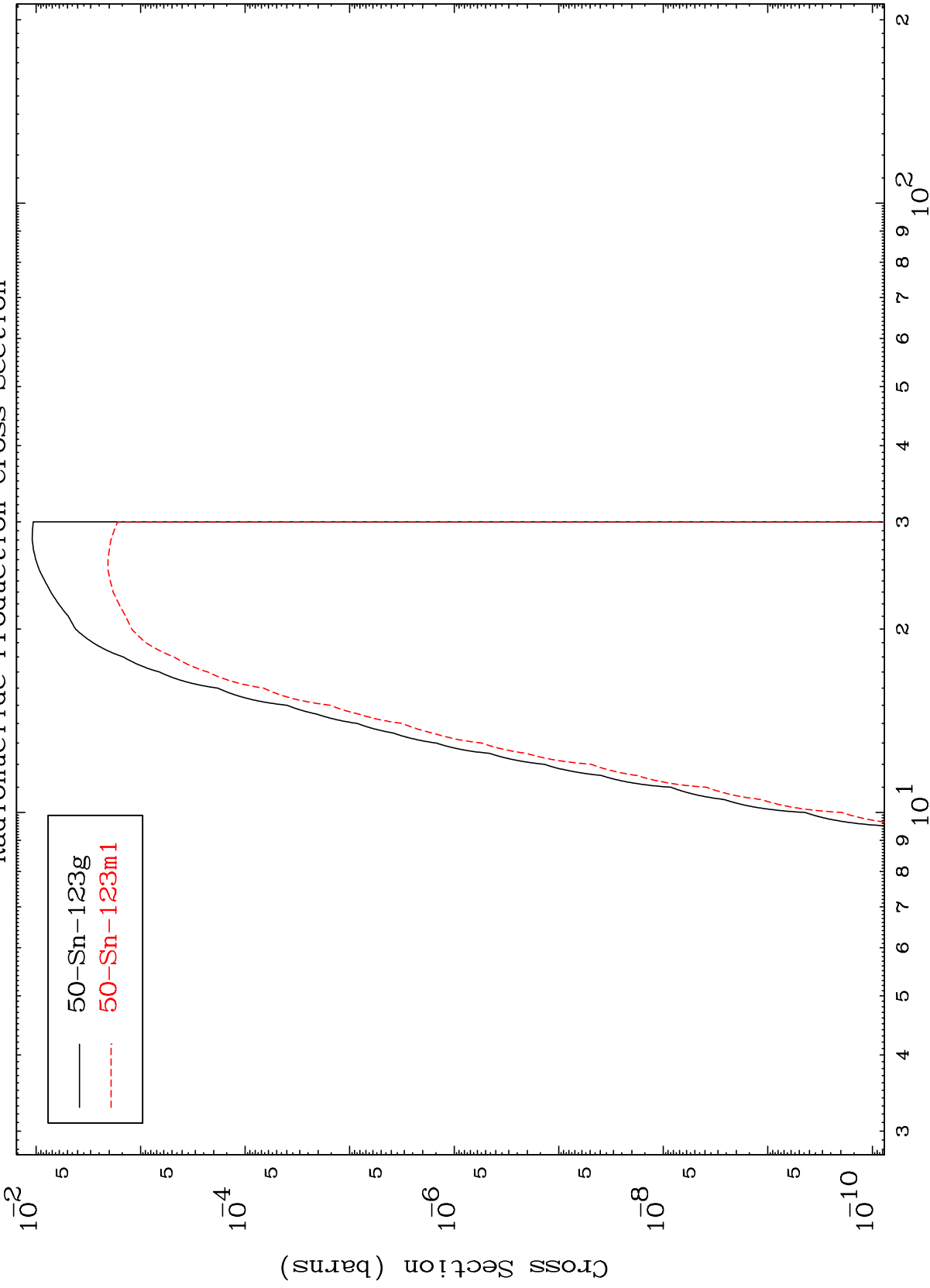


MAT 5246

(n,n') α

52-Te-127

Radionuclide Production Cross Section



50-Sn-123g
50-Sn-123m1

122

Incident Energy (MeV)

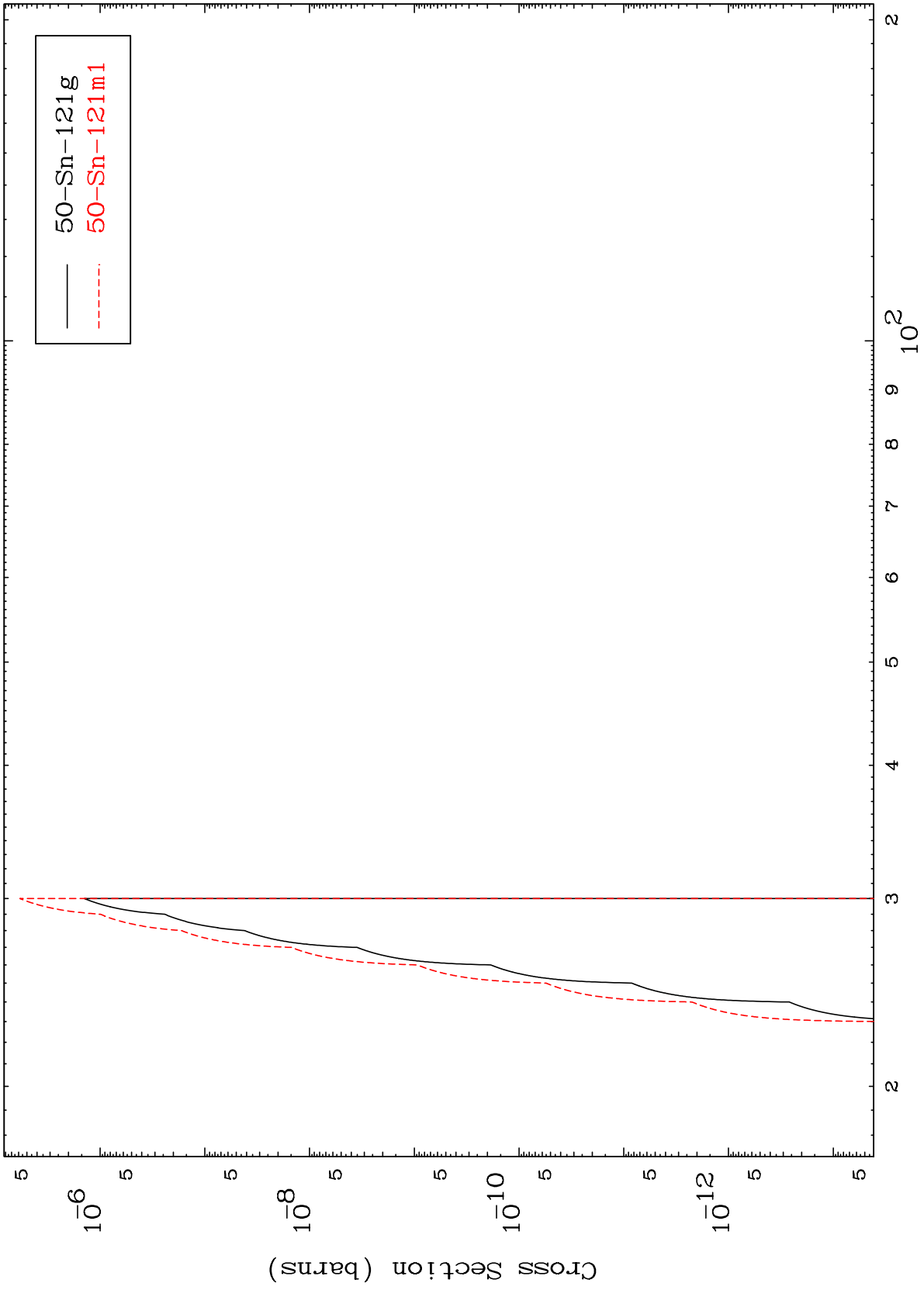
52-Te-127

MAT 5246

(n,3n) α

⁵²Te-127

Radionuclide Production Cross Section



123

Incident Energy (MeV)

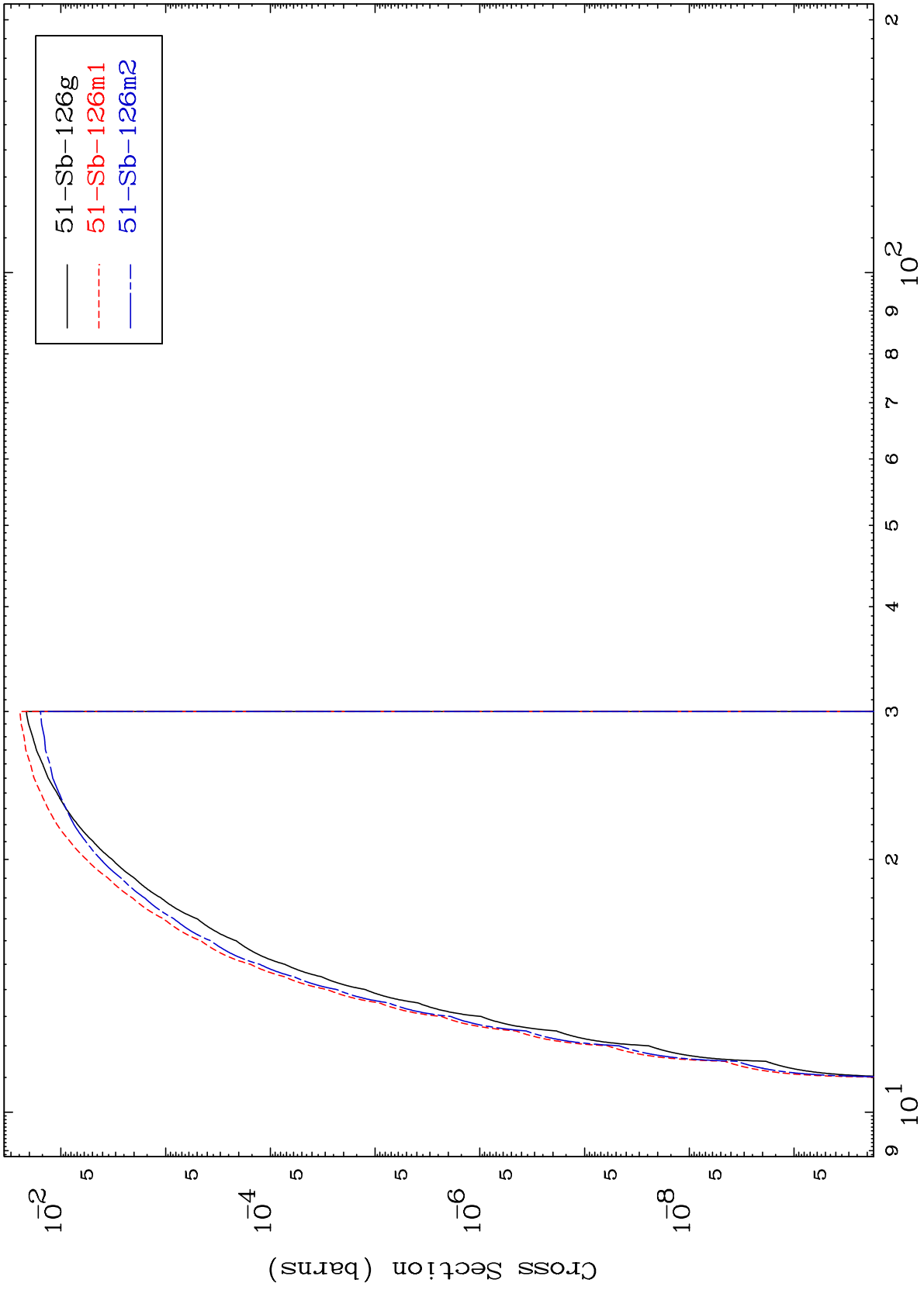
⁵²Te-127

MAT 5246

(n,n') p

52-Te-127

Radionuclide Production Cross Section



124

Incident Energy (MeV)

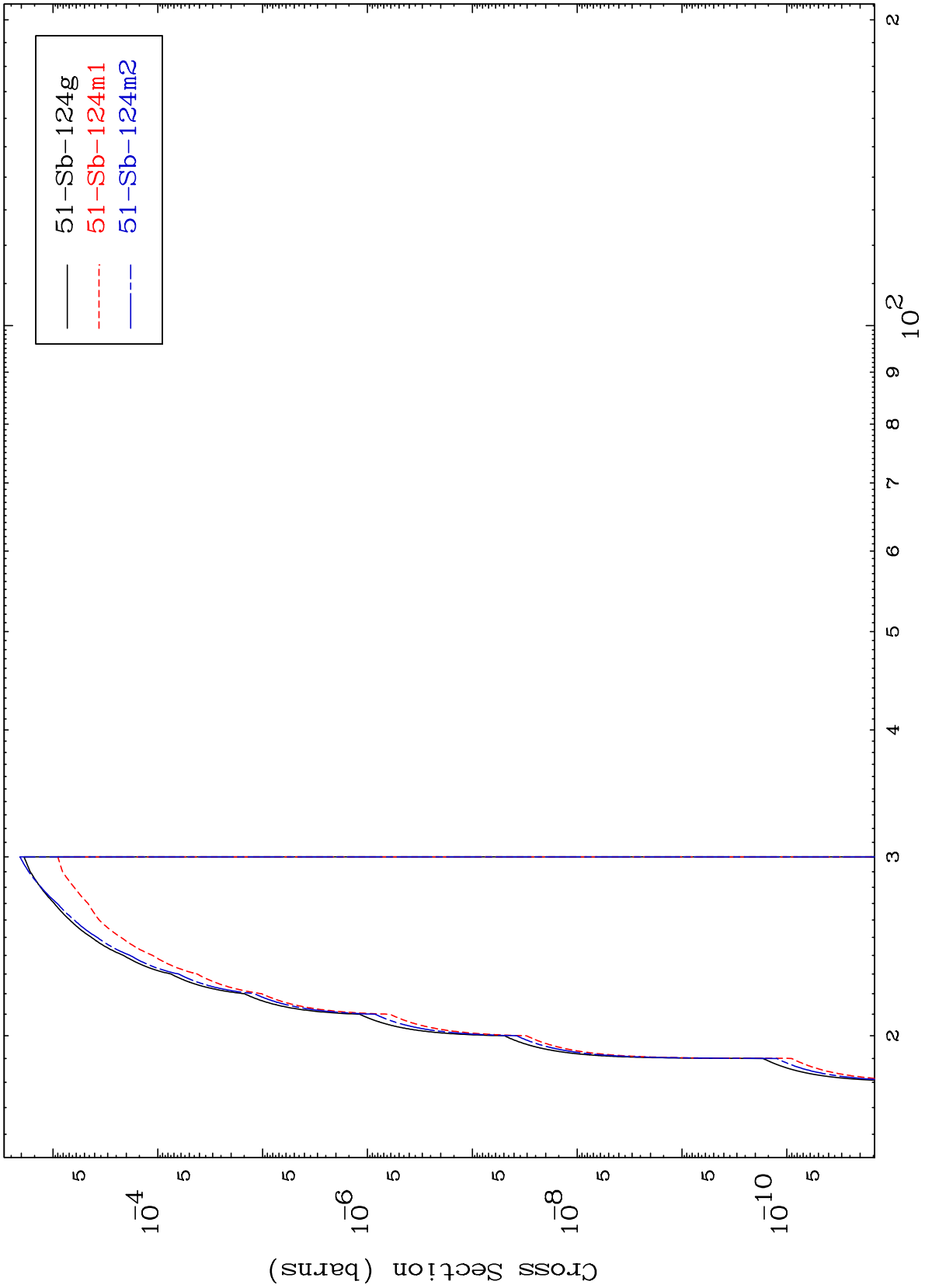
52-Te-127

MAT 5246

(n,n') t

52-Te-127

Radionuclide Production Cross Section



125

Incident Energy (MeV)

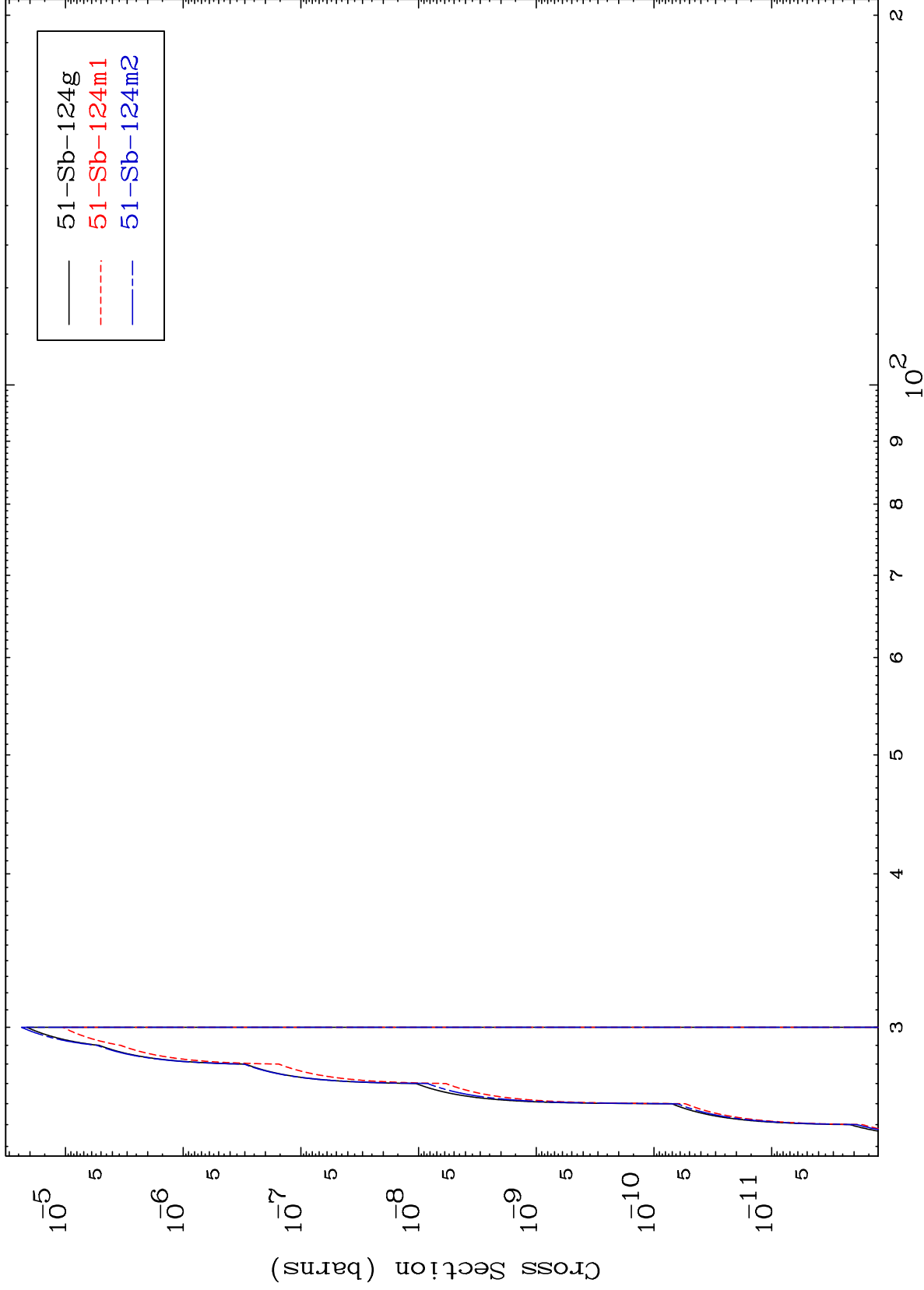
52-Te-127

MAT 5246

(n,3n) p

52-Te-127

Radionuclide Production Cross Section



126

Incident Energy (MeV)

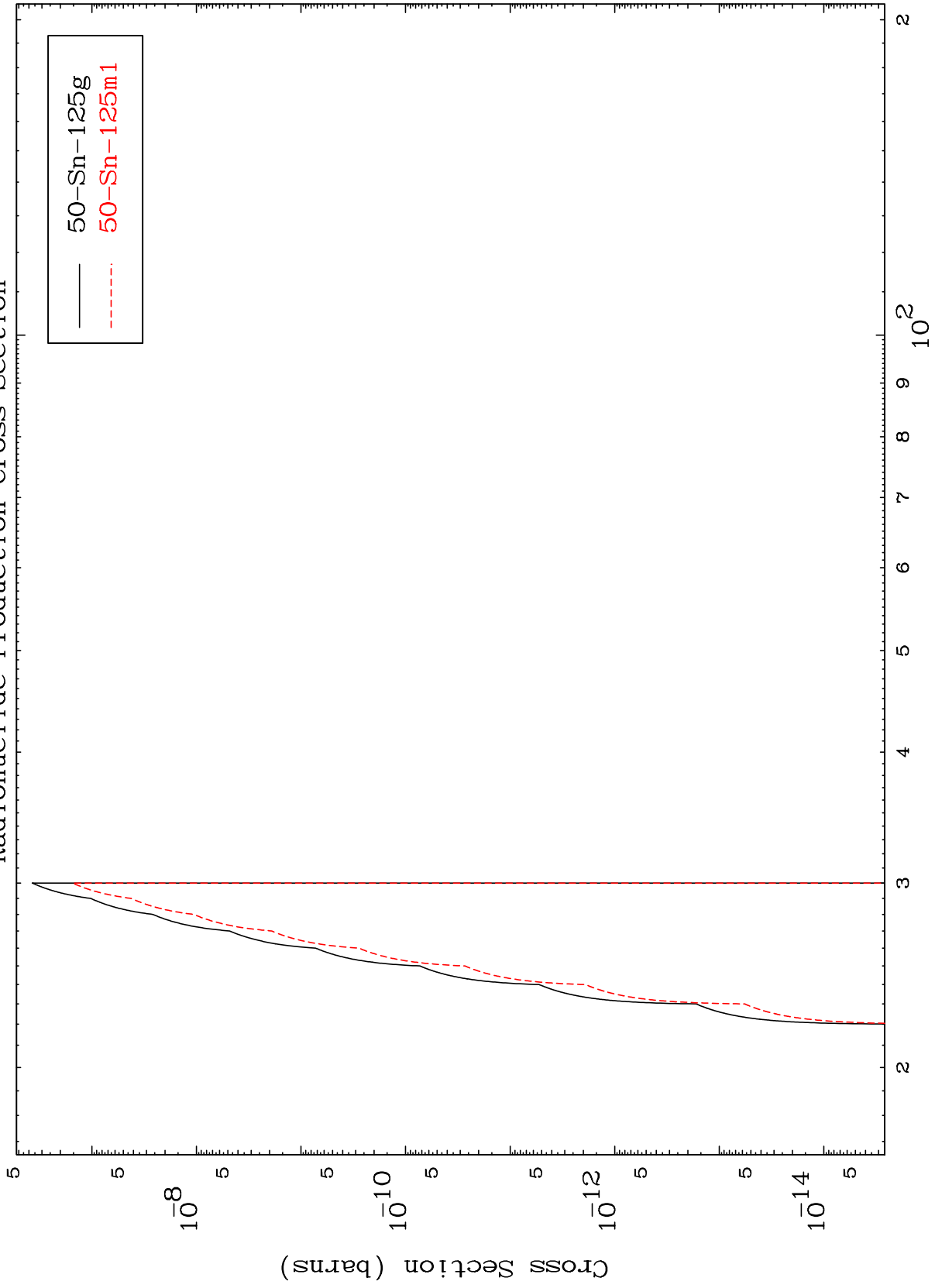
52-Te-127

MAT 5246

(n,2n) p

52-Te-127

Radionuclide Production Cross Section



127

Incident Energy (MeV)

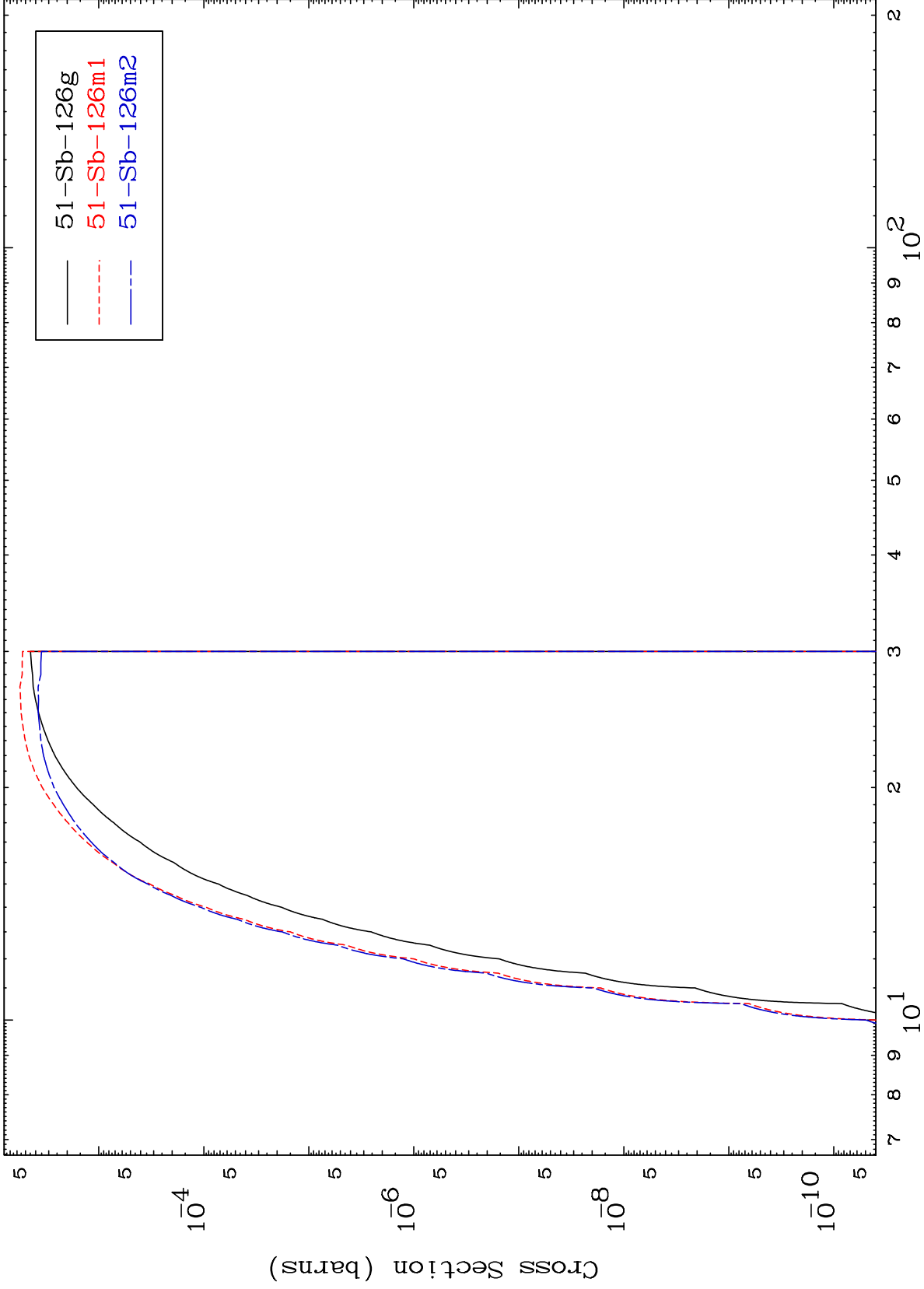
52-Te-127

MAT 5246

(n,d)

52-Te-127

Radionuclide Production Cross Section



128

Incident Energy (MeV)

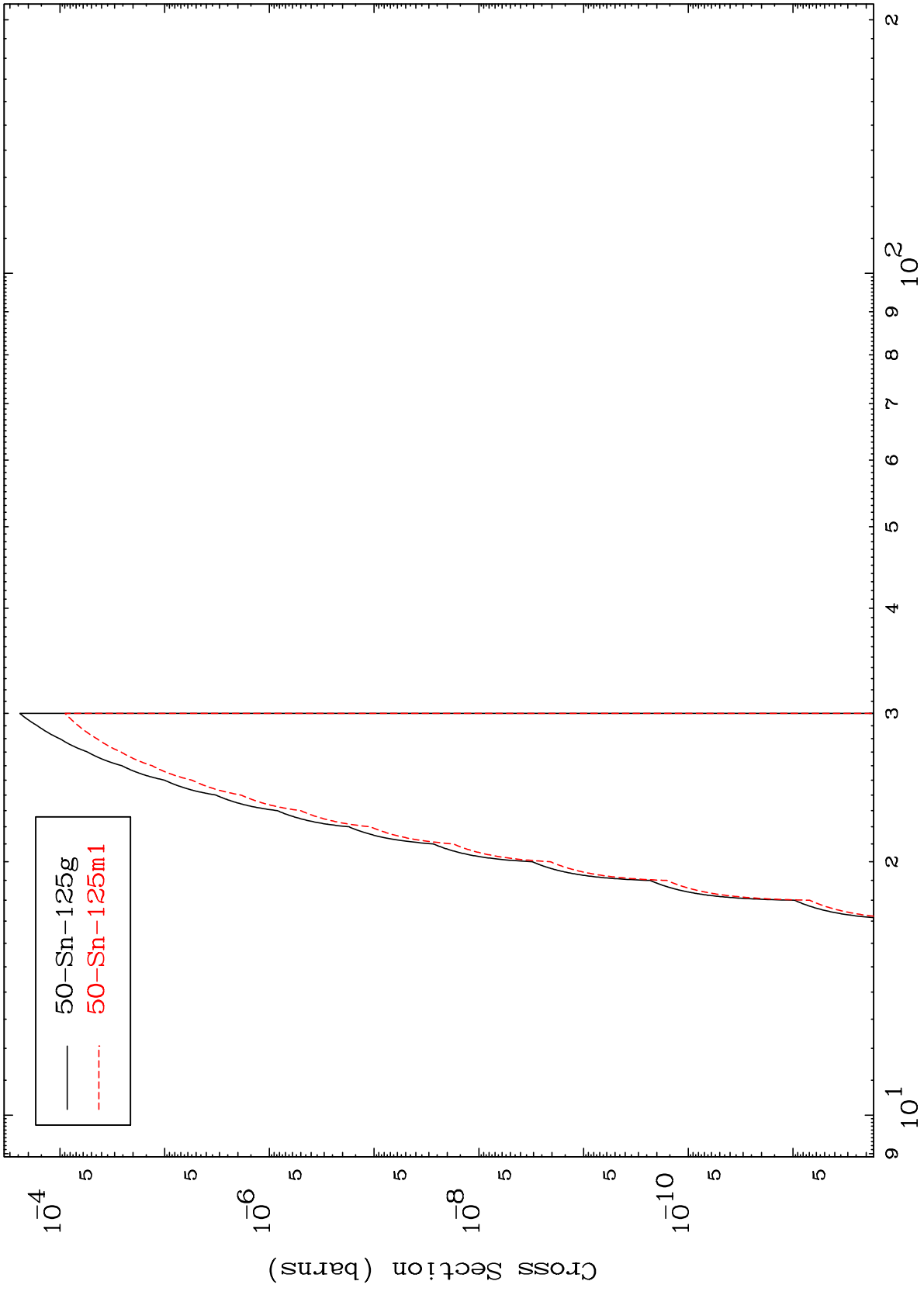
52-Te-127

MAT 5246

(n,He-3)

52-Te-127

Radionuclide Production Cross Section



50-Sn-125g
50-Sn-125m1

129

Incident Energy (MeV)

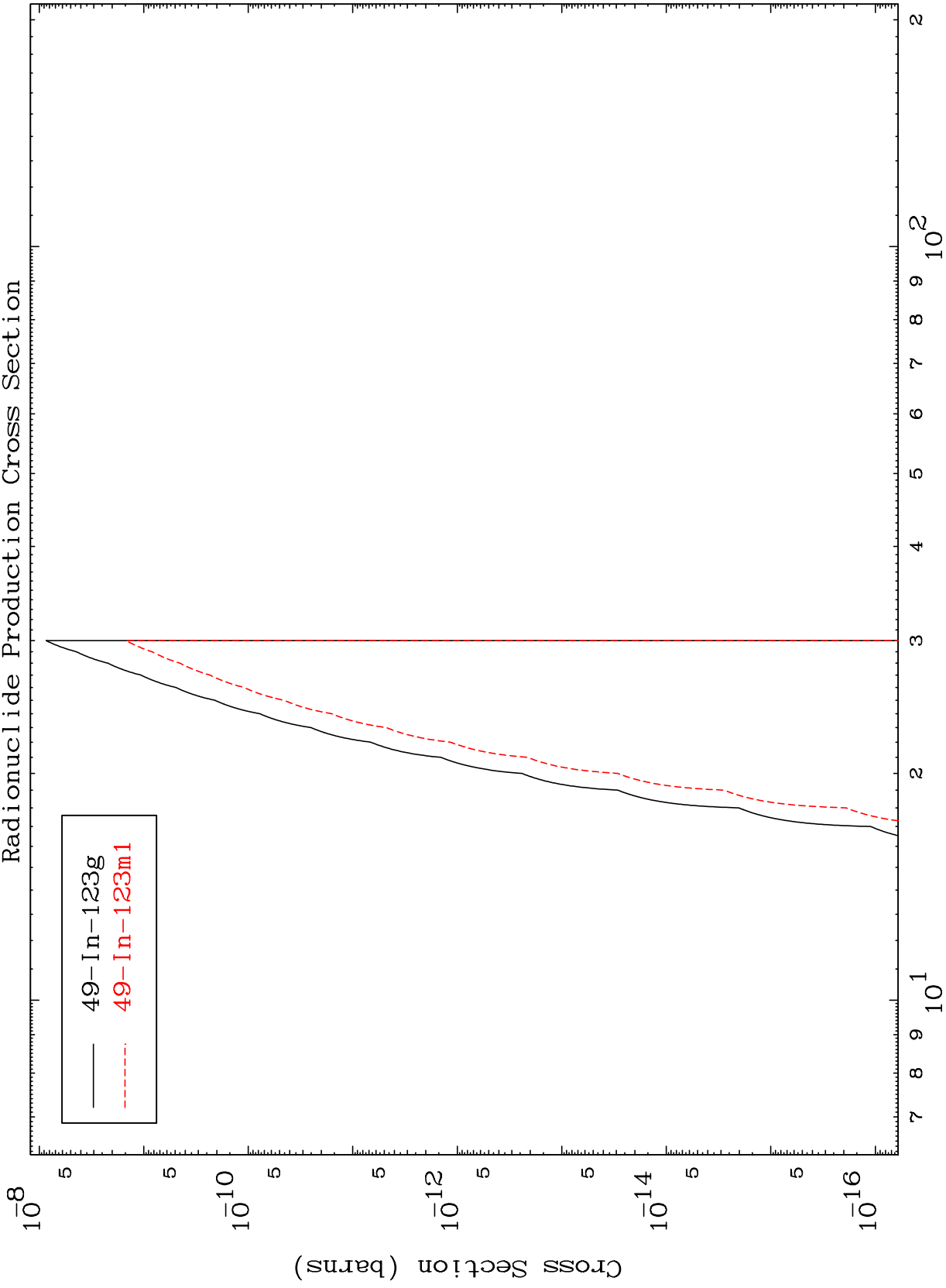
52-Te-127

MAT 5246

(n,p) α

52-Te-127

Radionuclide Production Cross Section



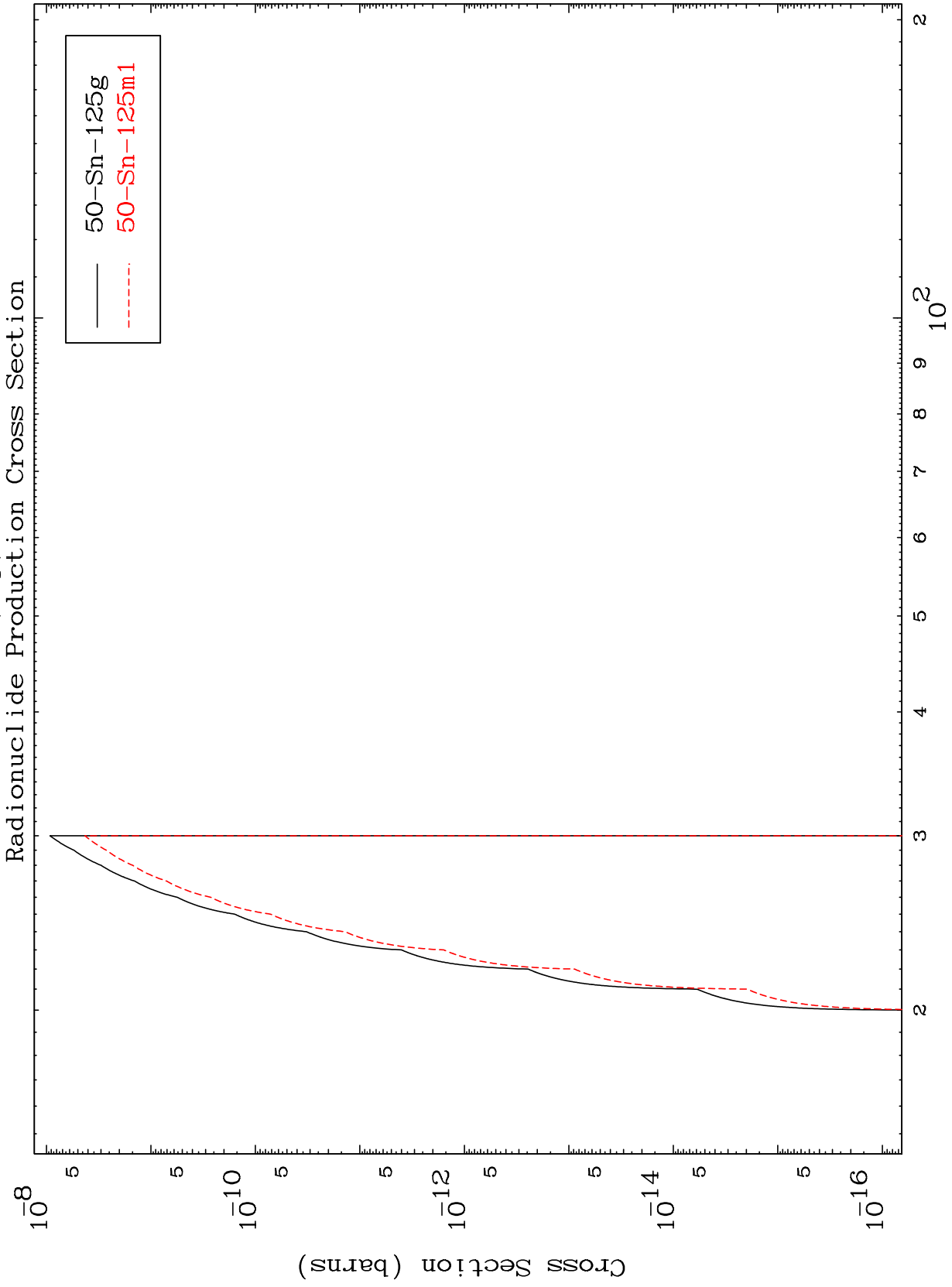
130

52-Te-127

MAT 5246

(n,p) d

⁵²Te-127



131

Incident Energy (MeV)

⁵²Te-127