

Program EVALPLOT
(Version 2018-1)

by

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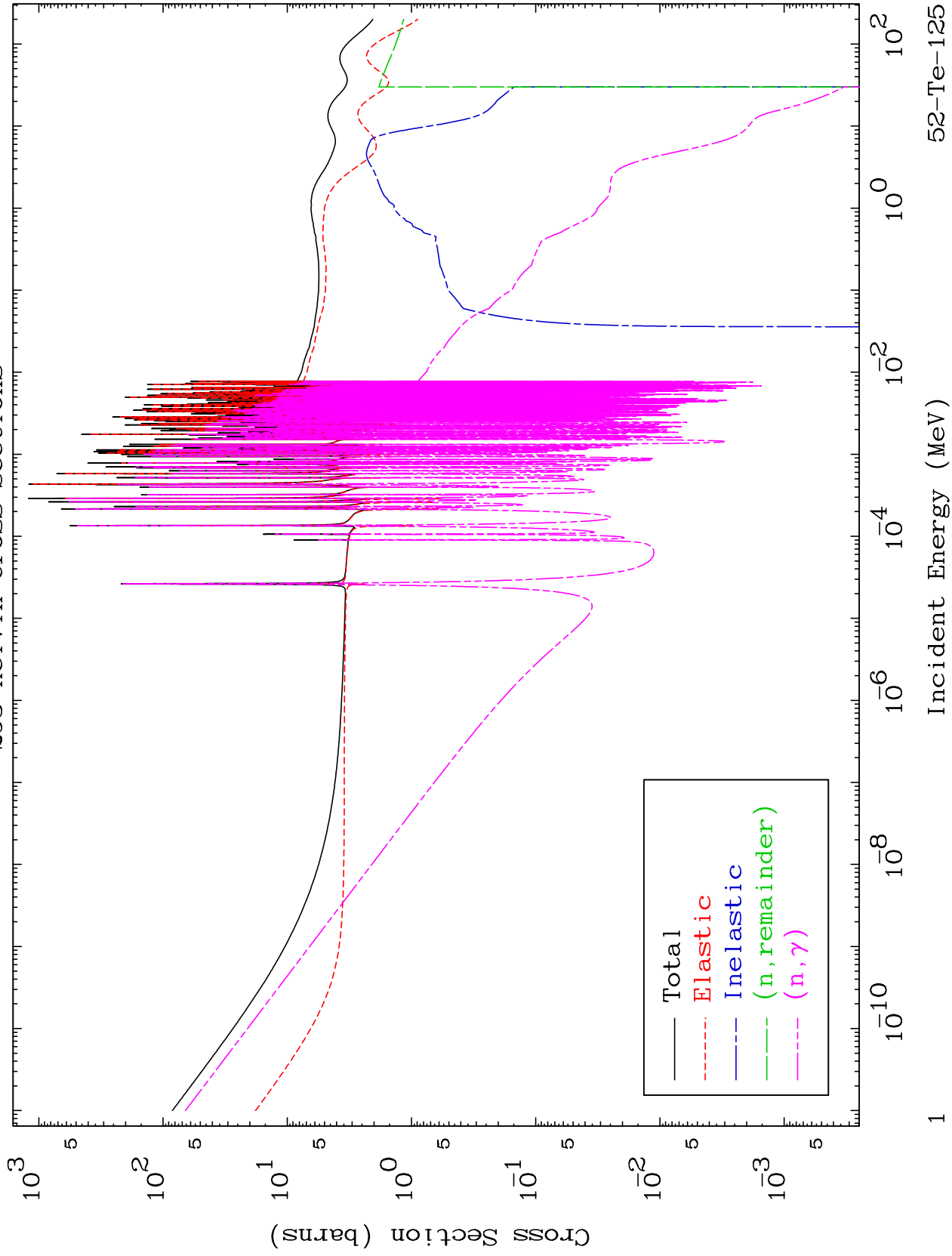
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5240

Major
293 Kelvin Cross Sections

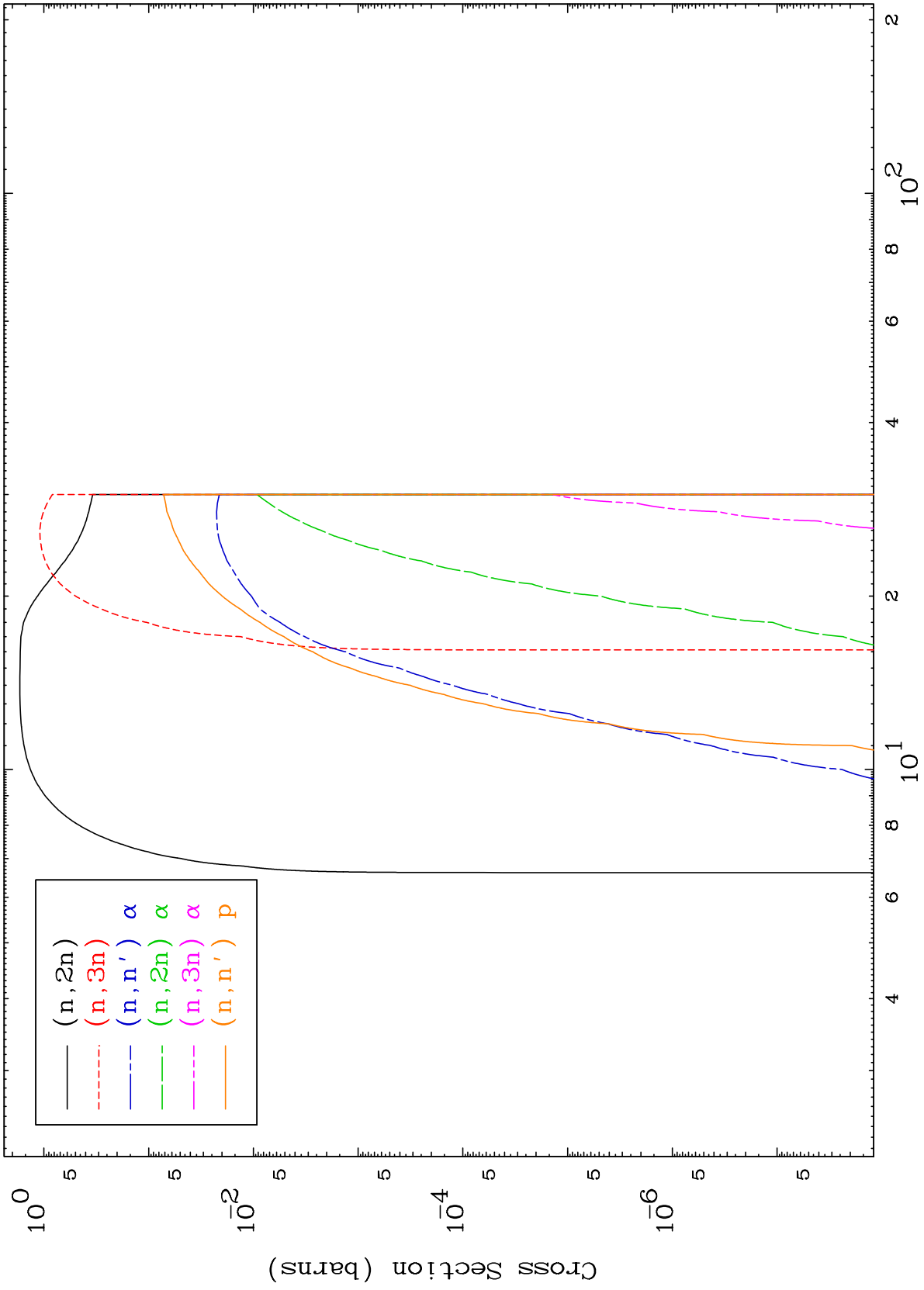
52-Te-125



MAT 5240

Neutron Production 293 Kelvin Cross Sections

52-Te-125



2

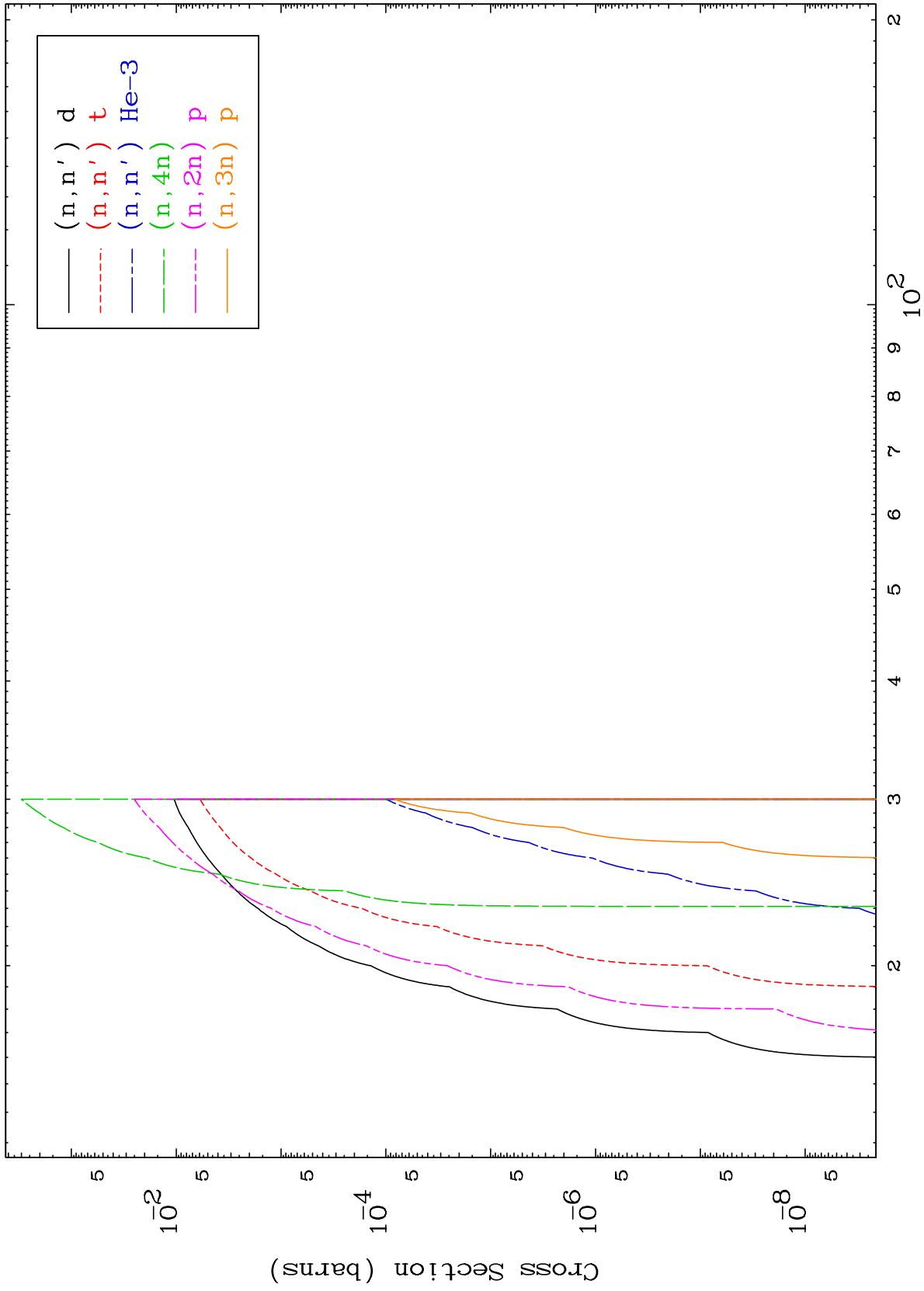
Incident Energy (MeV)

52-Te-125

MAT 5240

Neutron Production
293 Kelvin Cross Sections

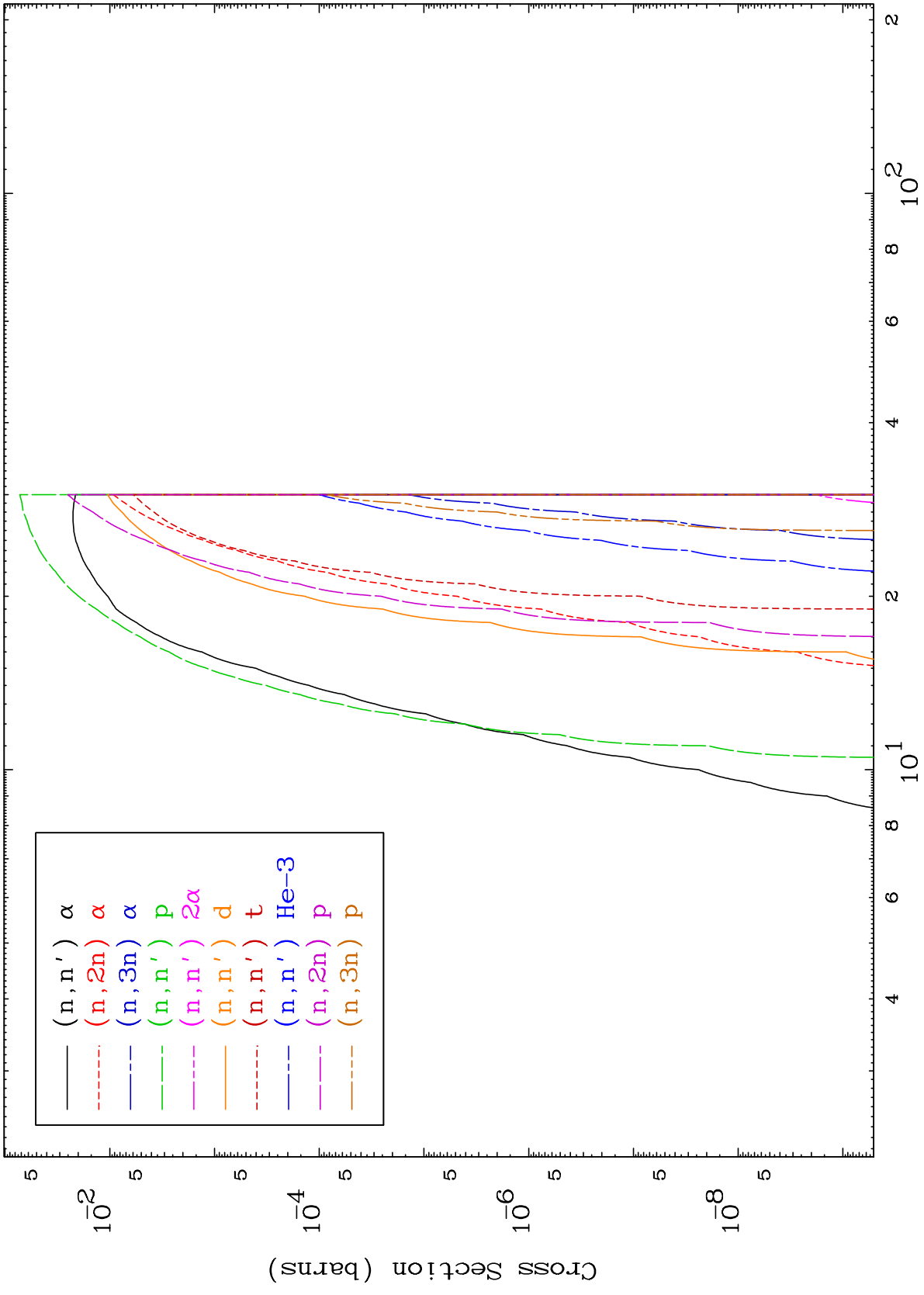
52-Te-125



3

Incident Energy (MeV)

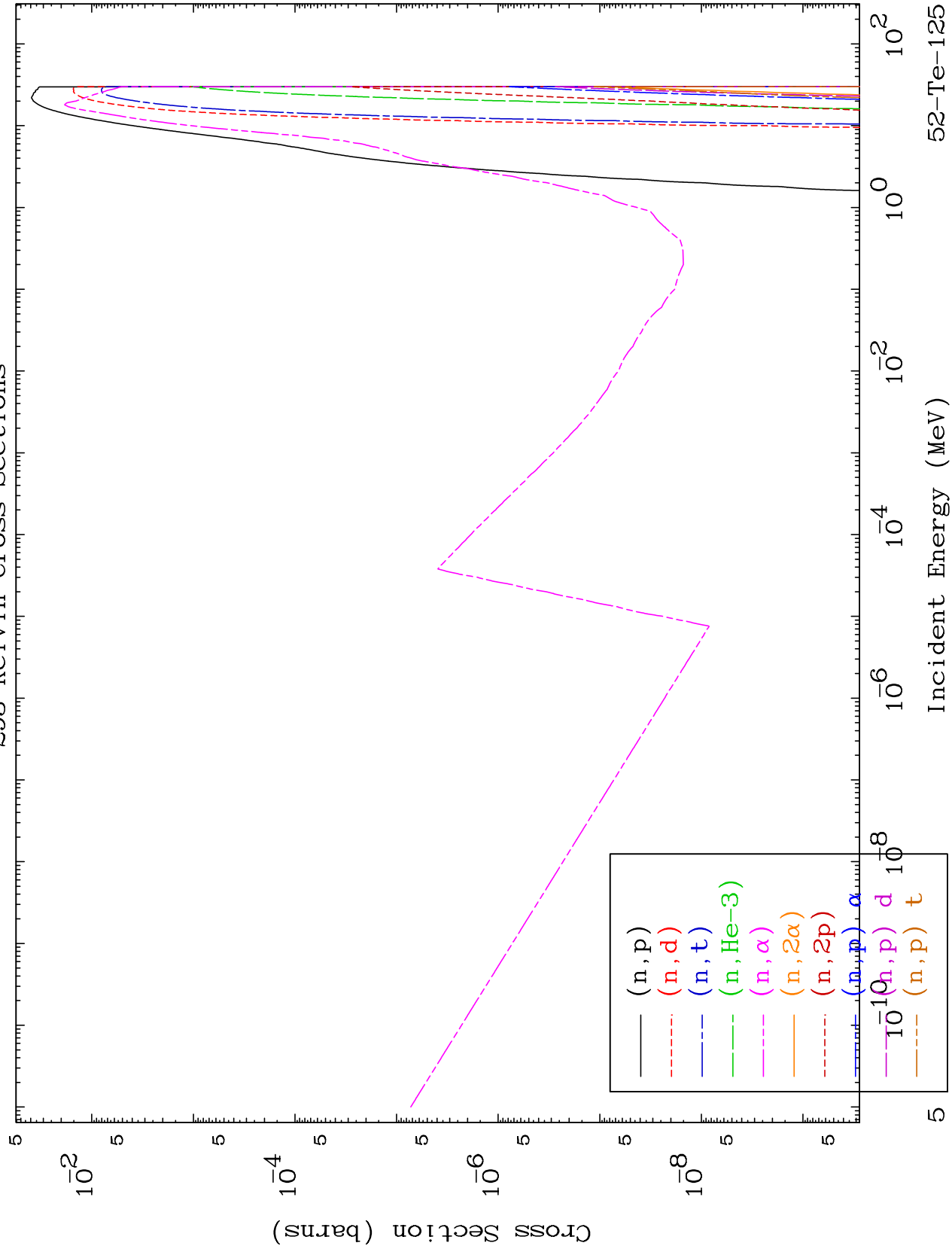
52-Te-125



MAT 5240

Charged Particle
293 Kelvin Cross Sections

52-Te-125

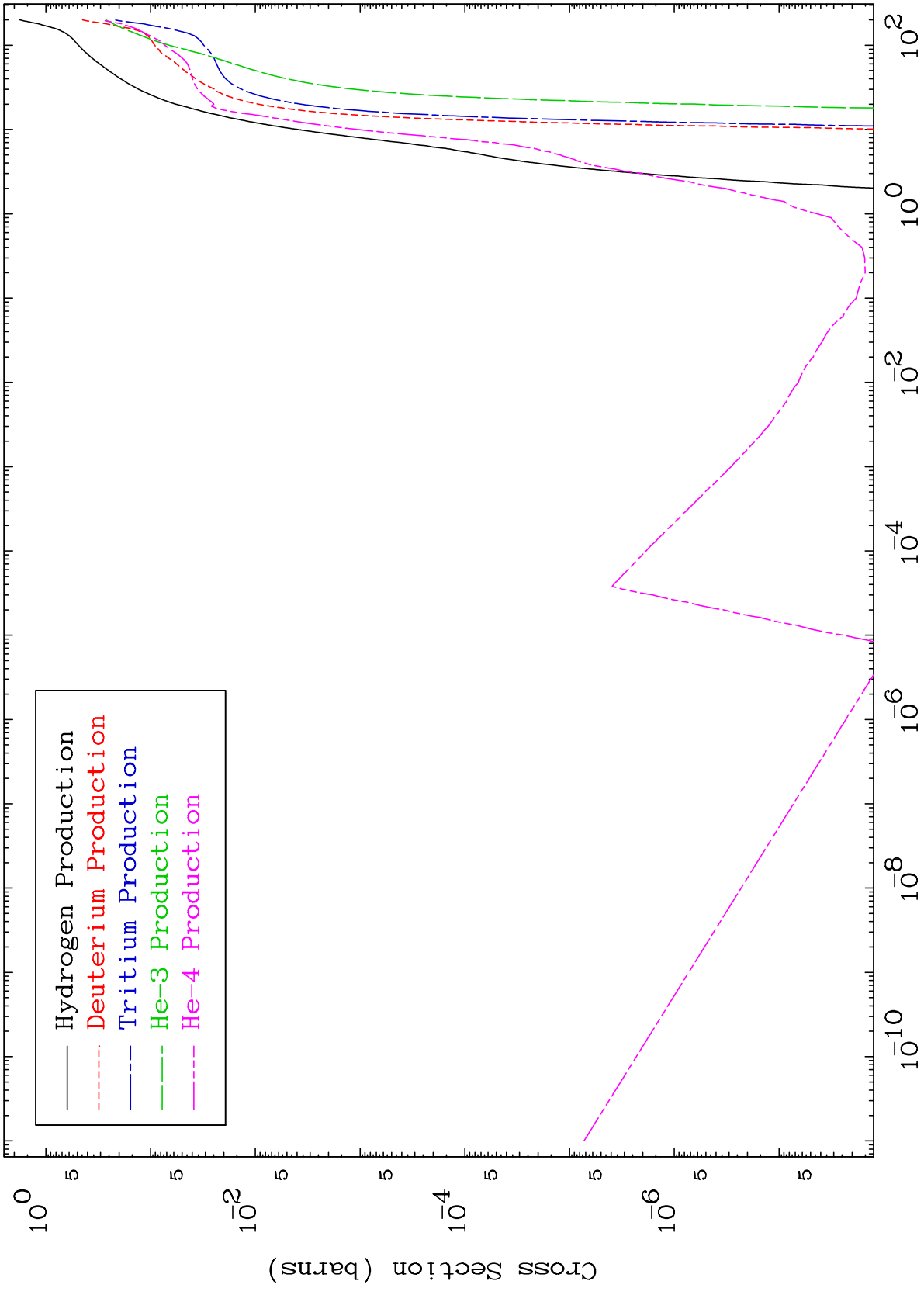


52-Te-125

MAT 5240

Particle Production
293 Kelvin Cross Sections

52-Te-125



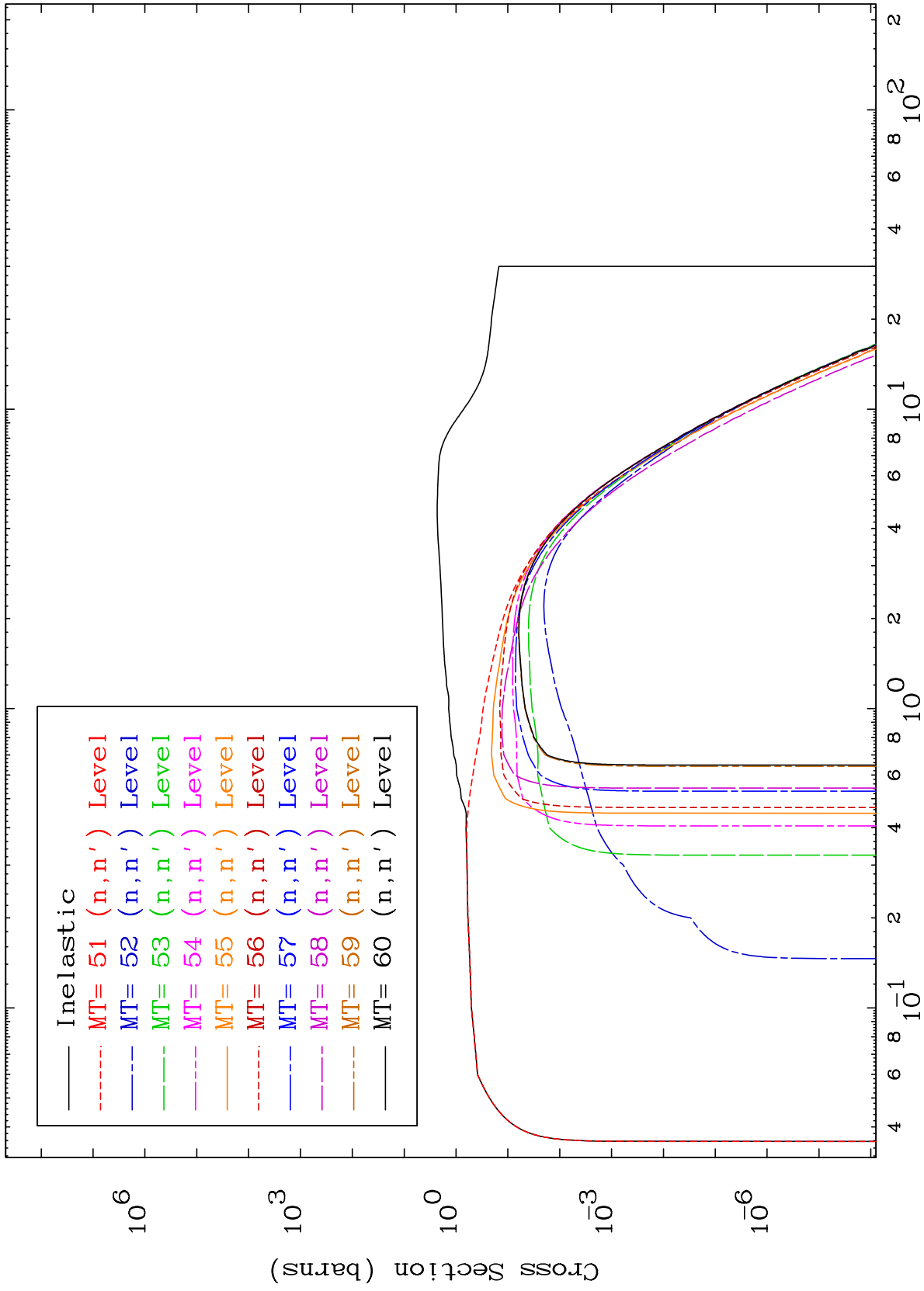
6

52-Te-125

MAT 5240

(n,n') Level
293 Kelvin Cross Sections

52-Te-125

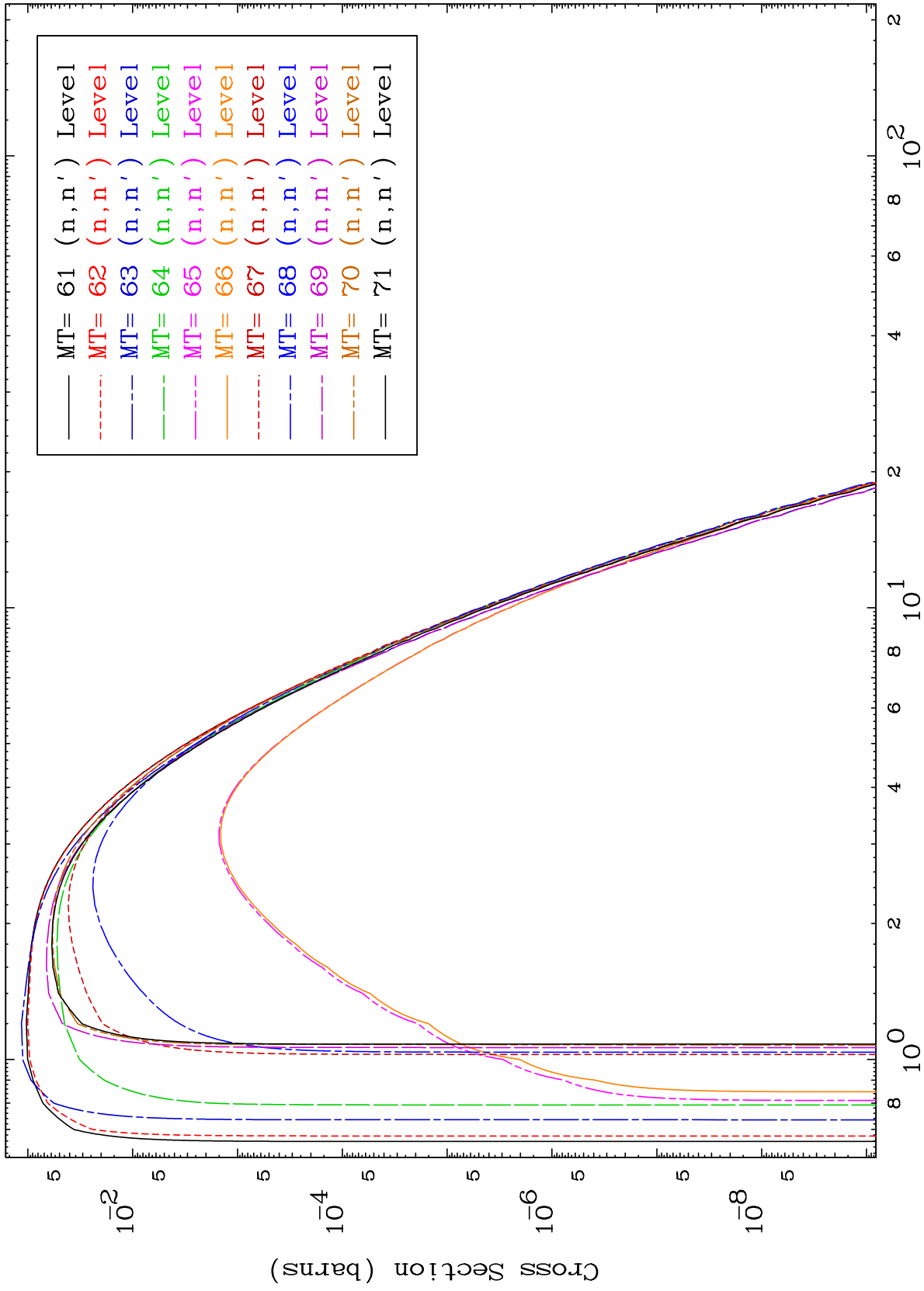


MAT 5240

(n,n') Level

52-Te-125

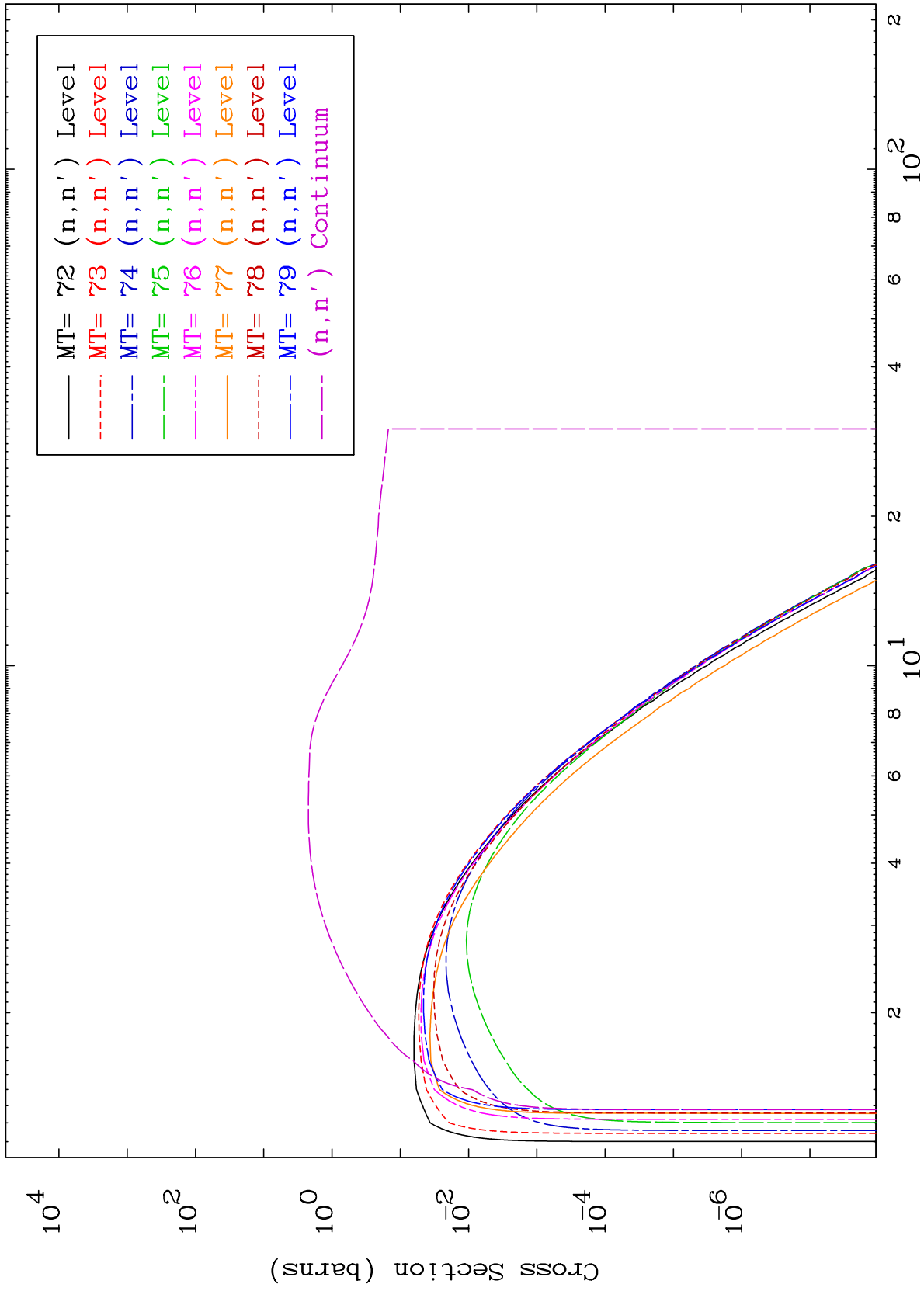
293 Kelvin Cross Sections



8

Incident Energy (MeV)

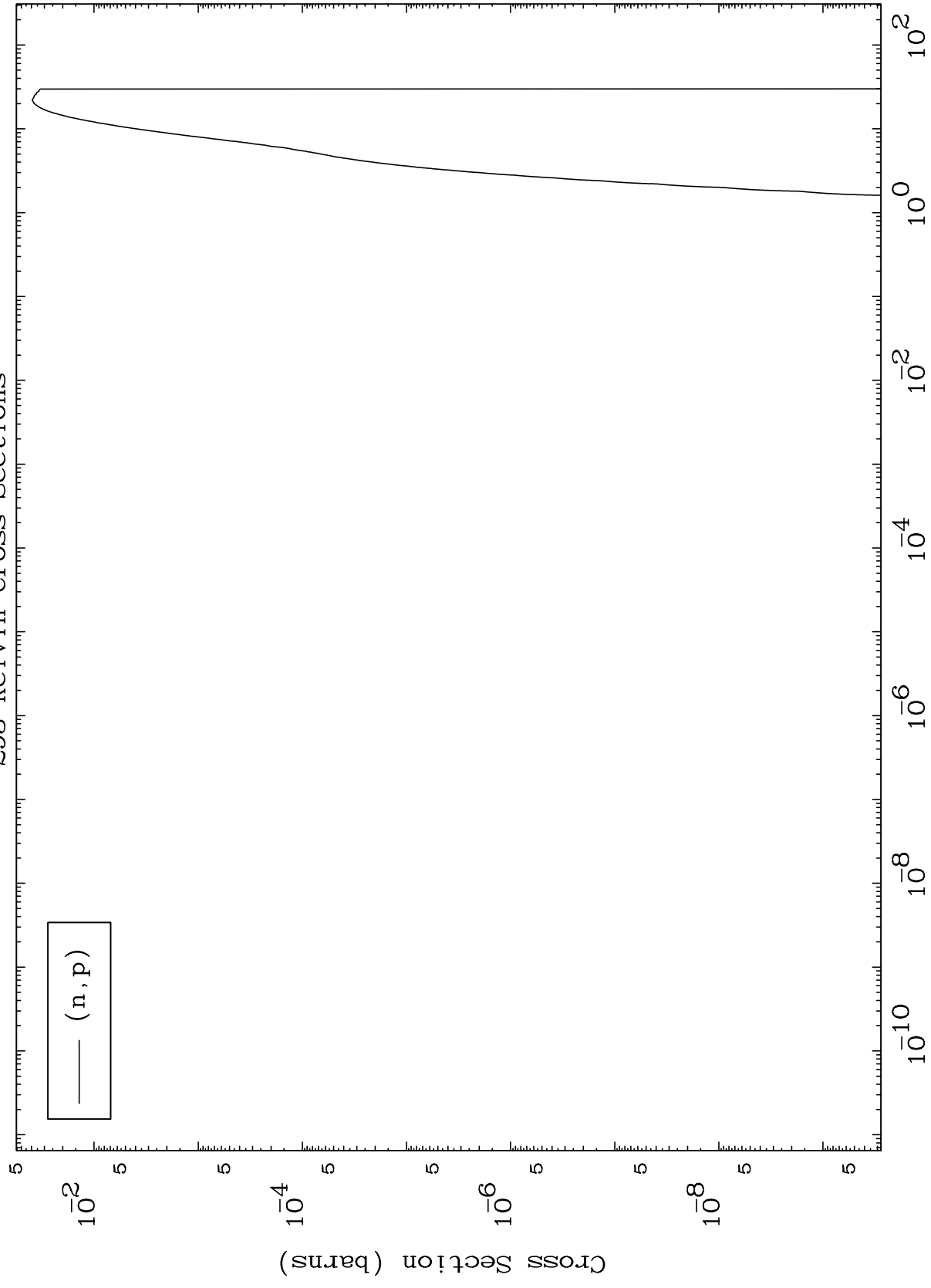
52-Te-125



MAT 5240

(n,p) Levels
293 Kelvin Cross Sections

52-Te-125



10

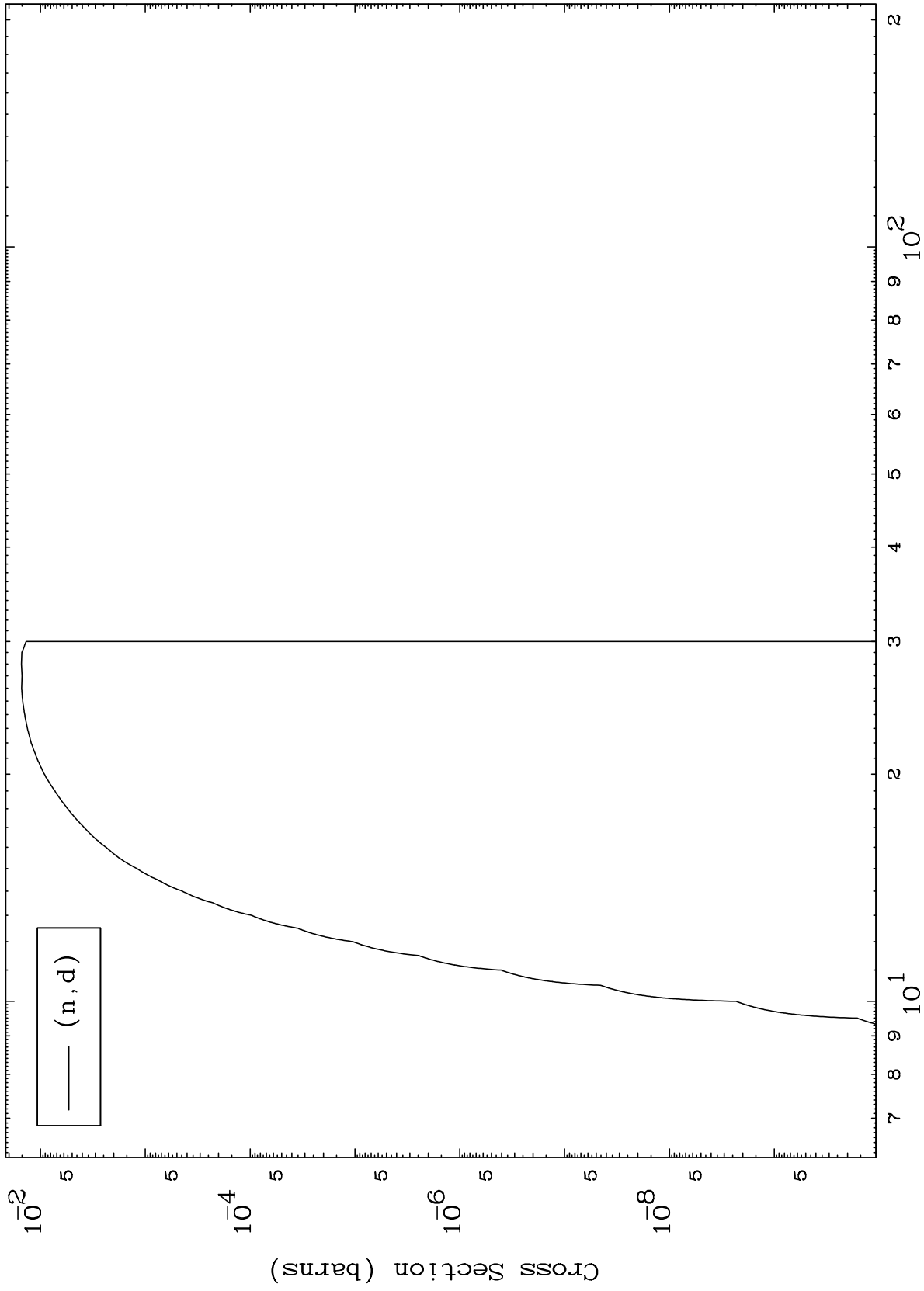
Incident Energy (MeV)

52-Te-125

MAT 5240

(n,d) Levels
293 Kelvin Cross Sections

52-Te-125



11

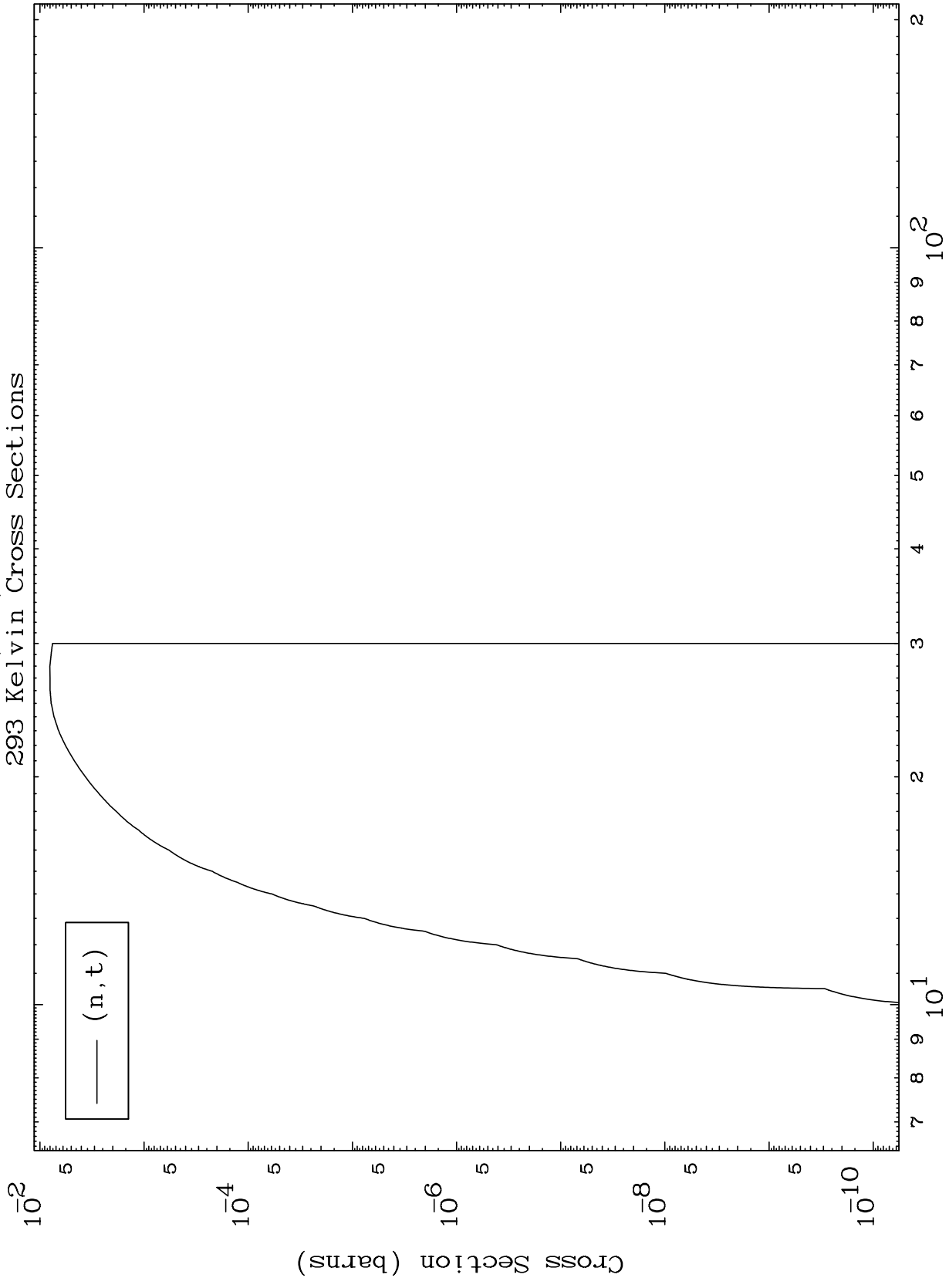
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52-Te-125

MAT 5240

(n,t) Levels
293 Kelvin Cross Sections

52-Te-125



(n,t)

12

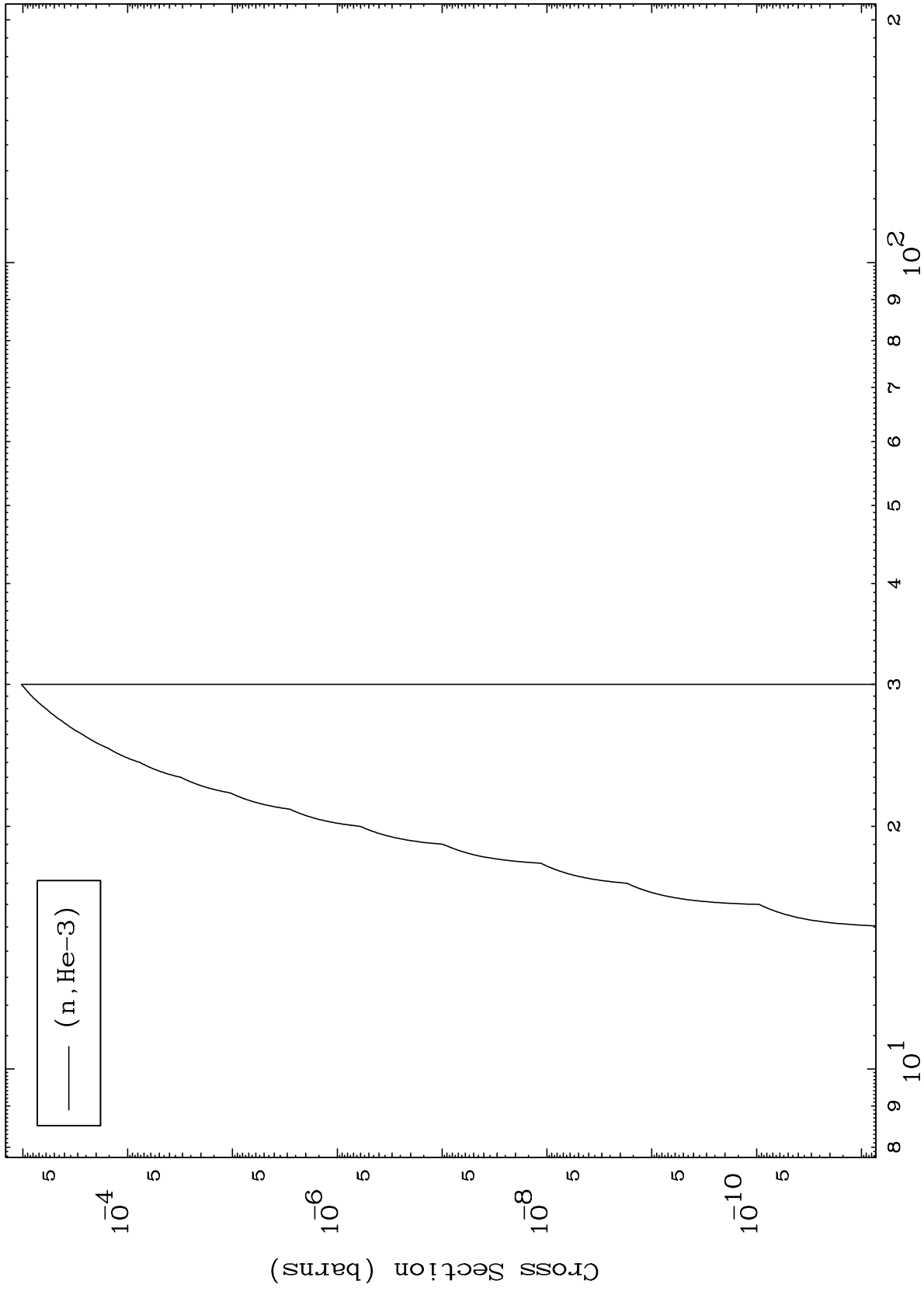
Incident Energy (MeV)

52-Te-125

MAT 5240

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-125



13

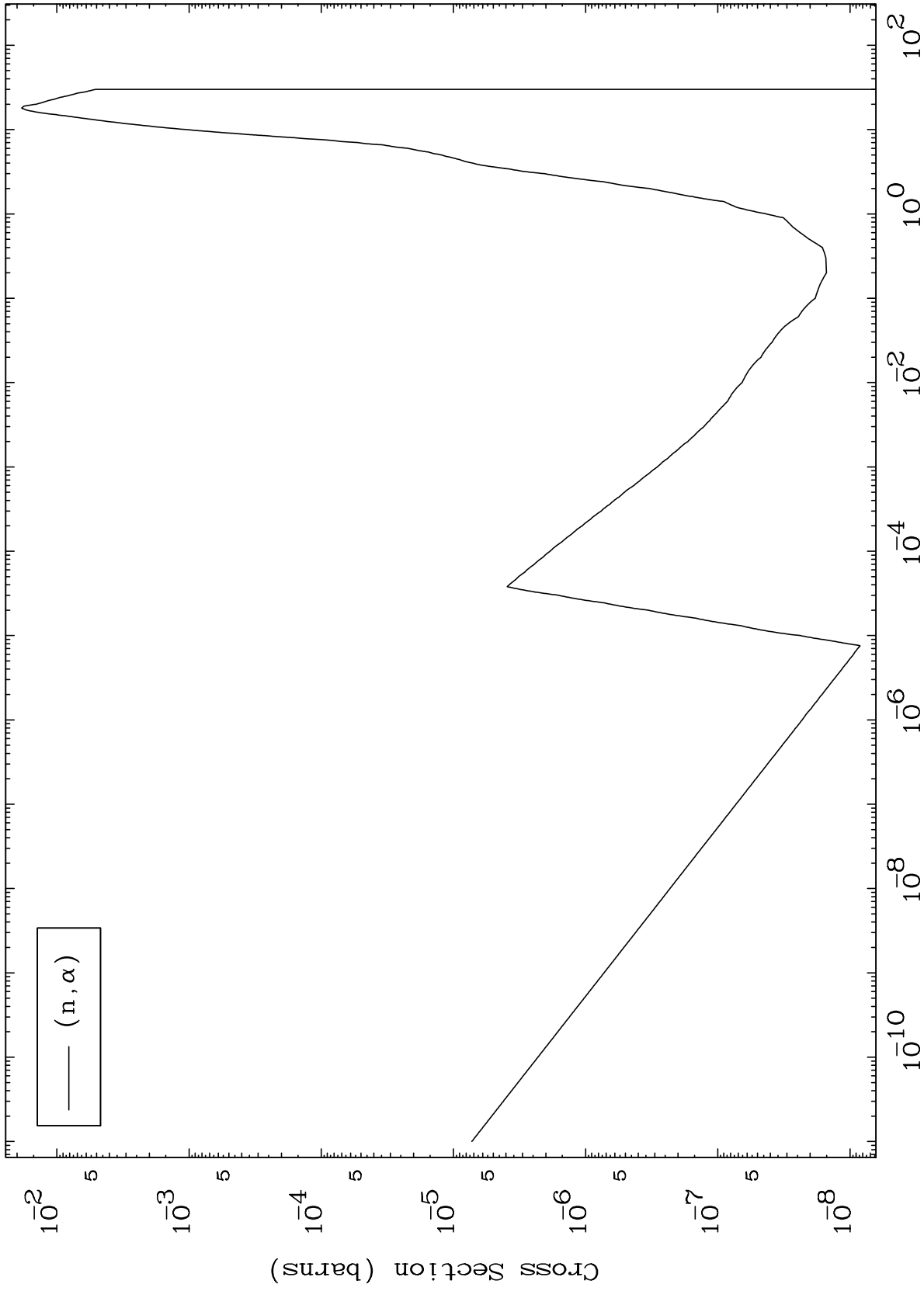
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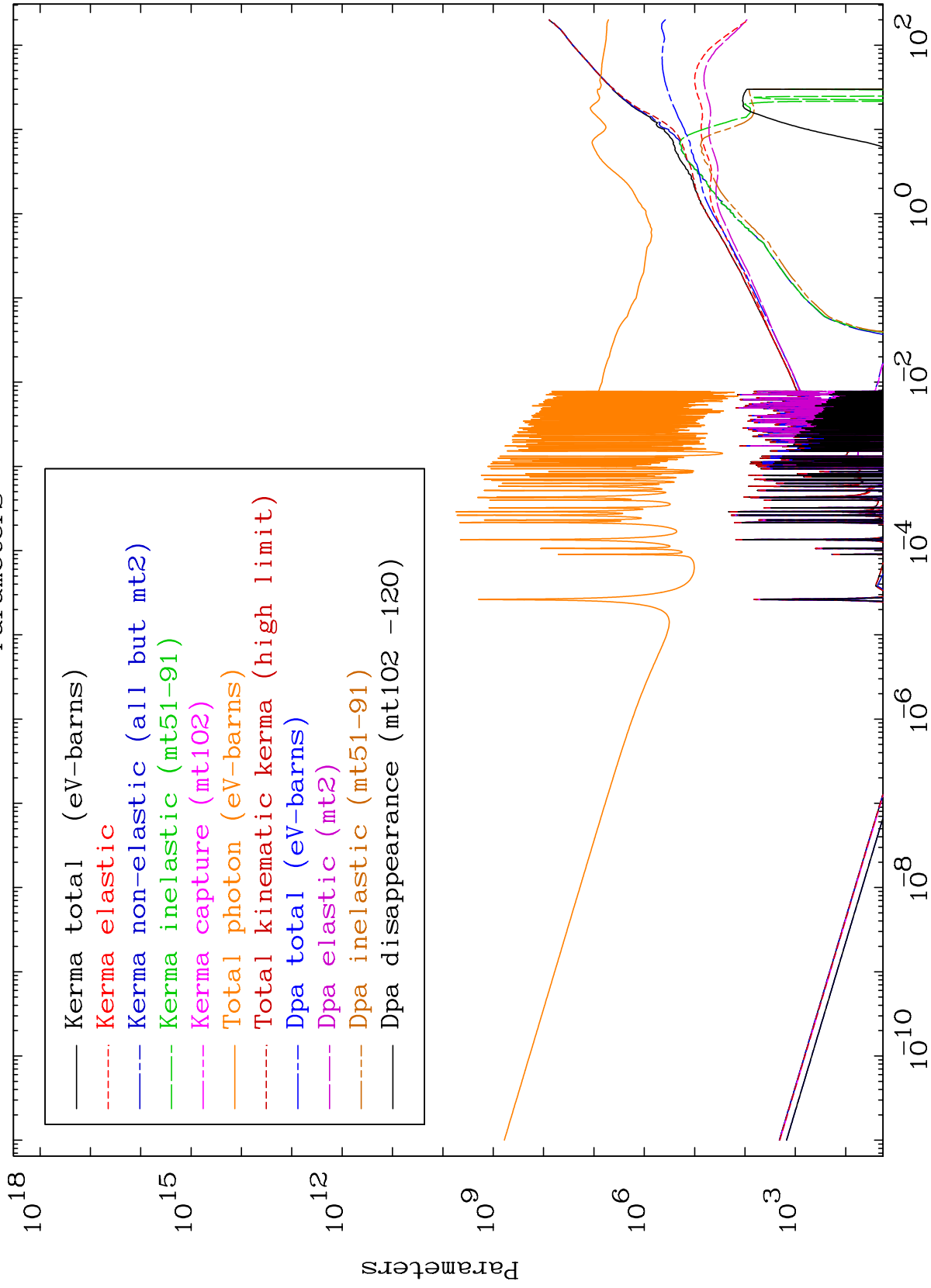
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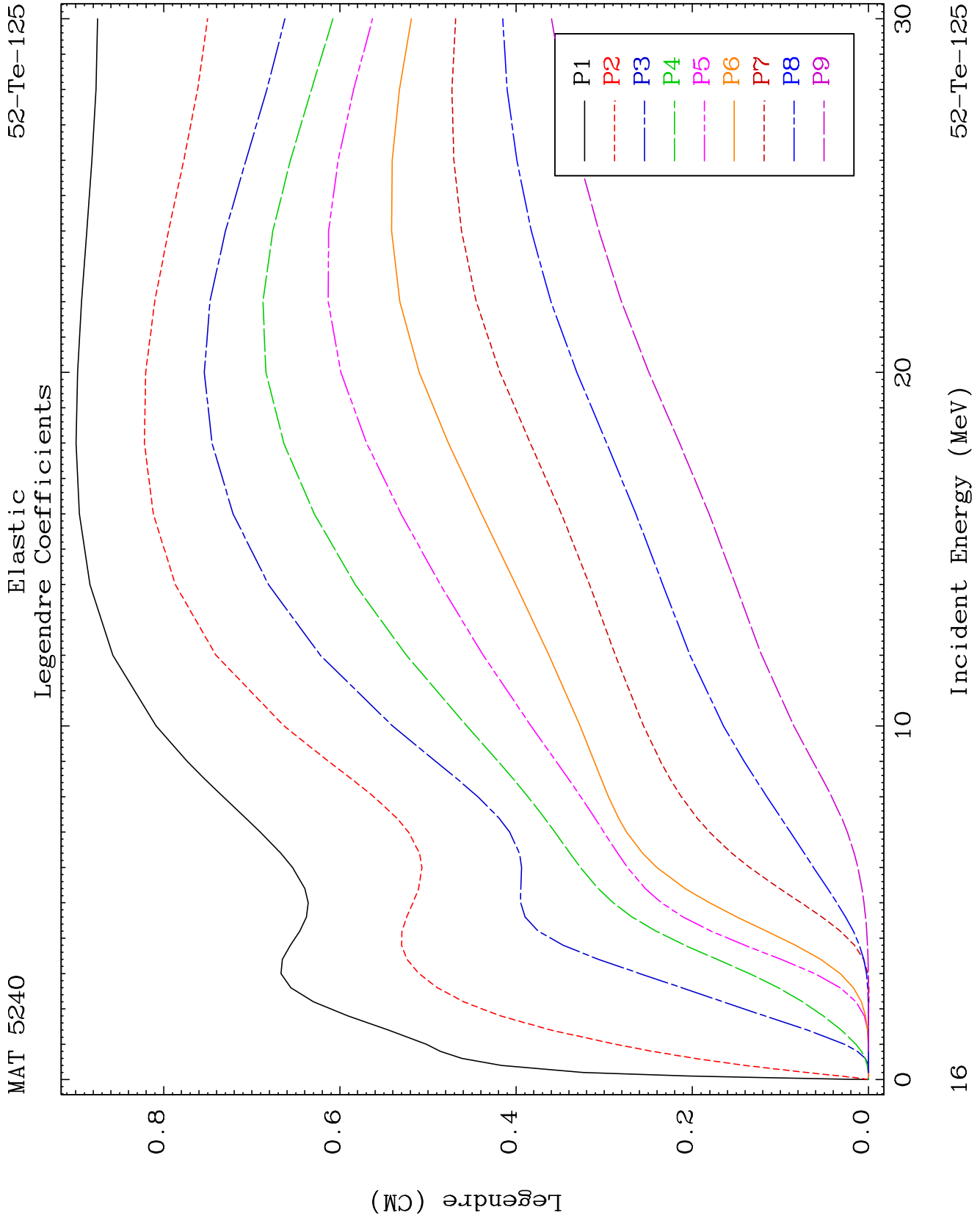
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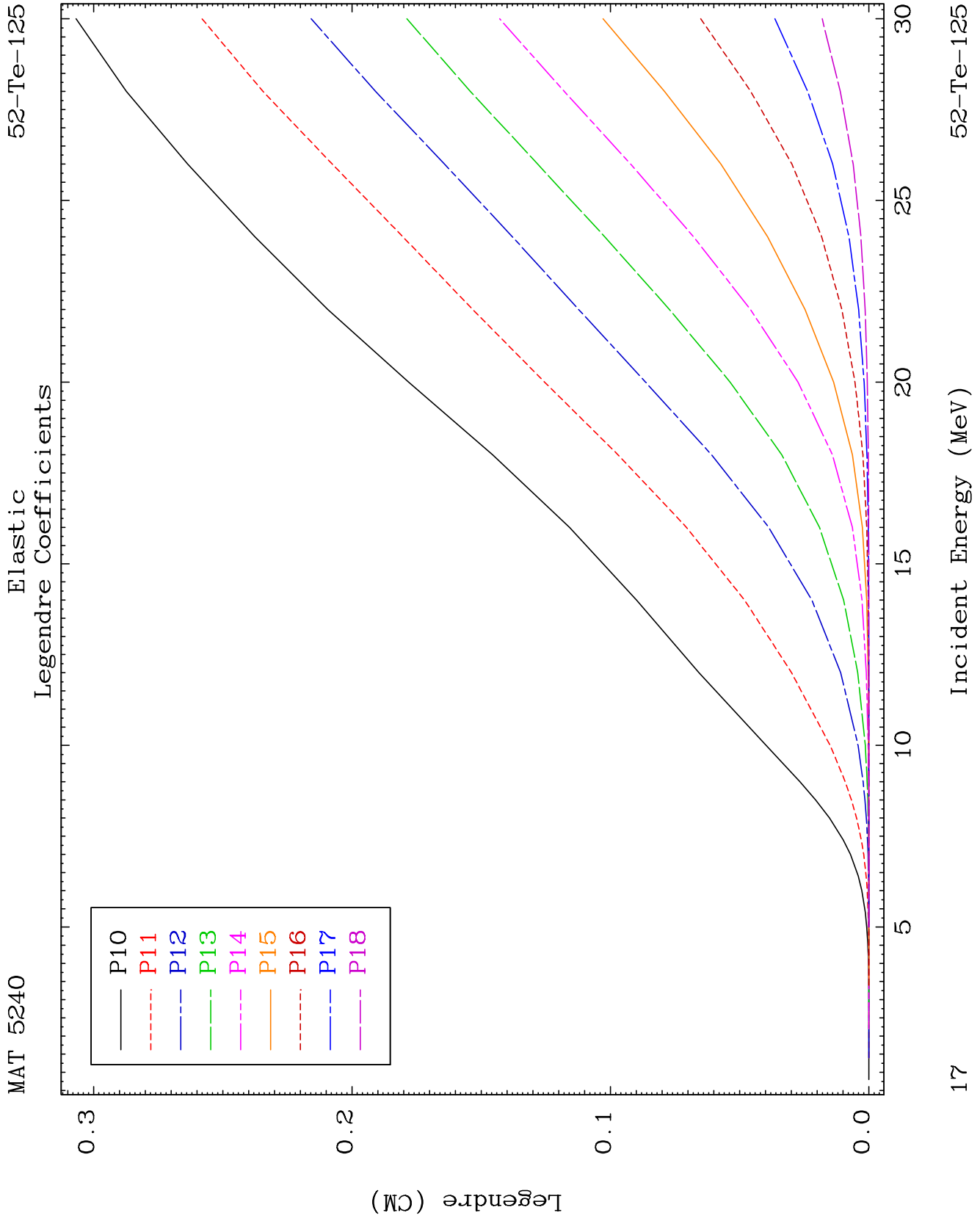
(n,α) Levels
293 Kelvin Cross Sections

52-Te-125





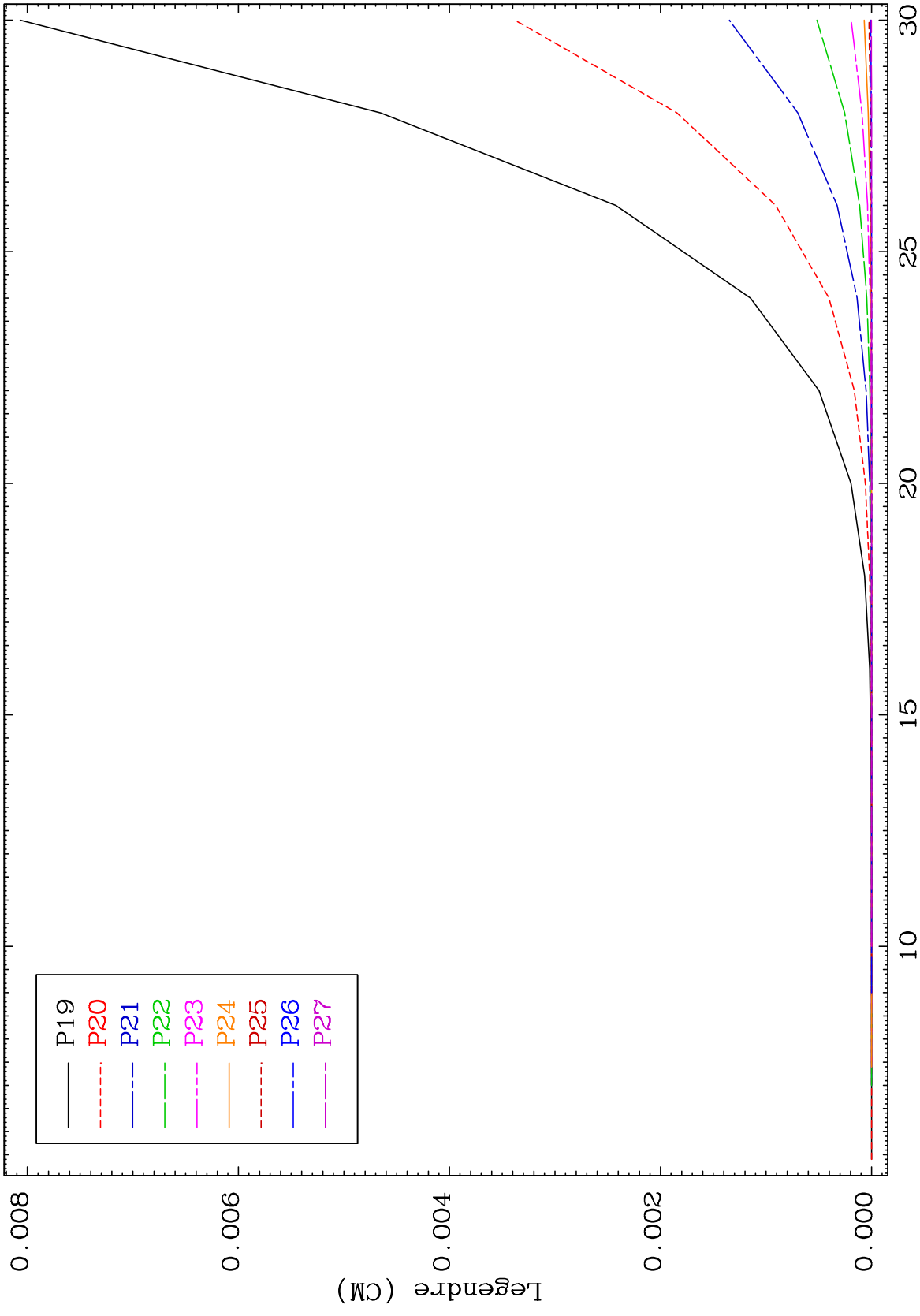




MAT 5240

Elastic Legendre Coefficients

52-Te-125



18

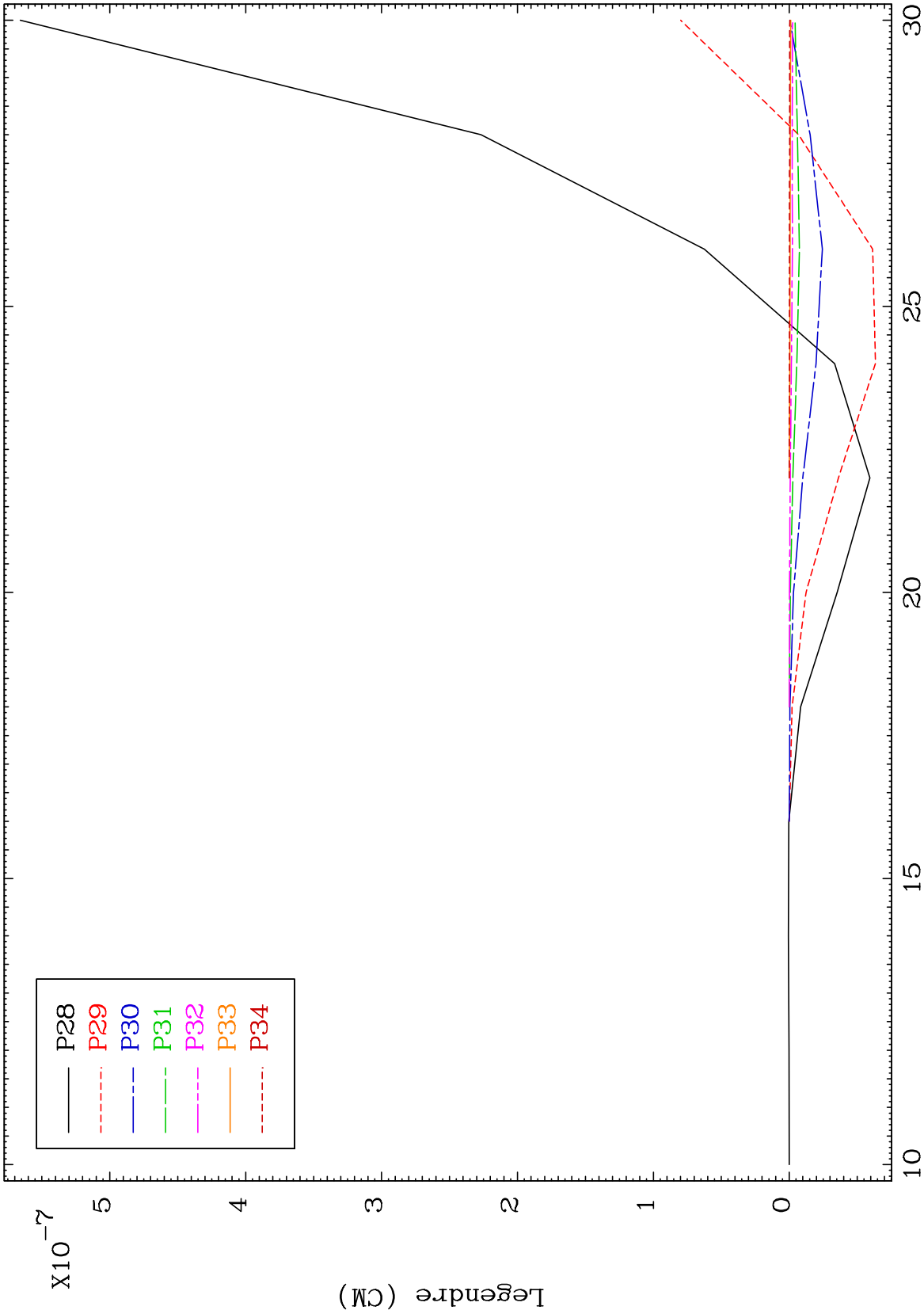
Incident Energy (MeV)

52-Te-125

MAT 5240

Elastic Legendre Coefficients

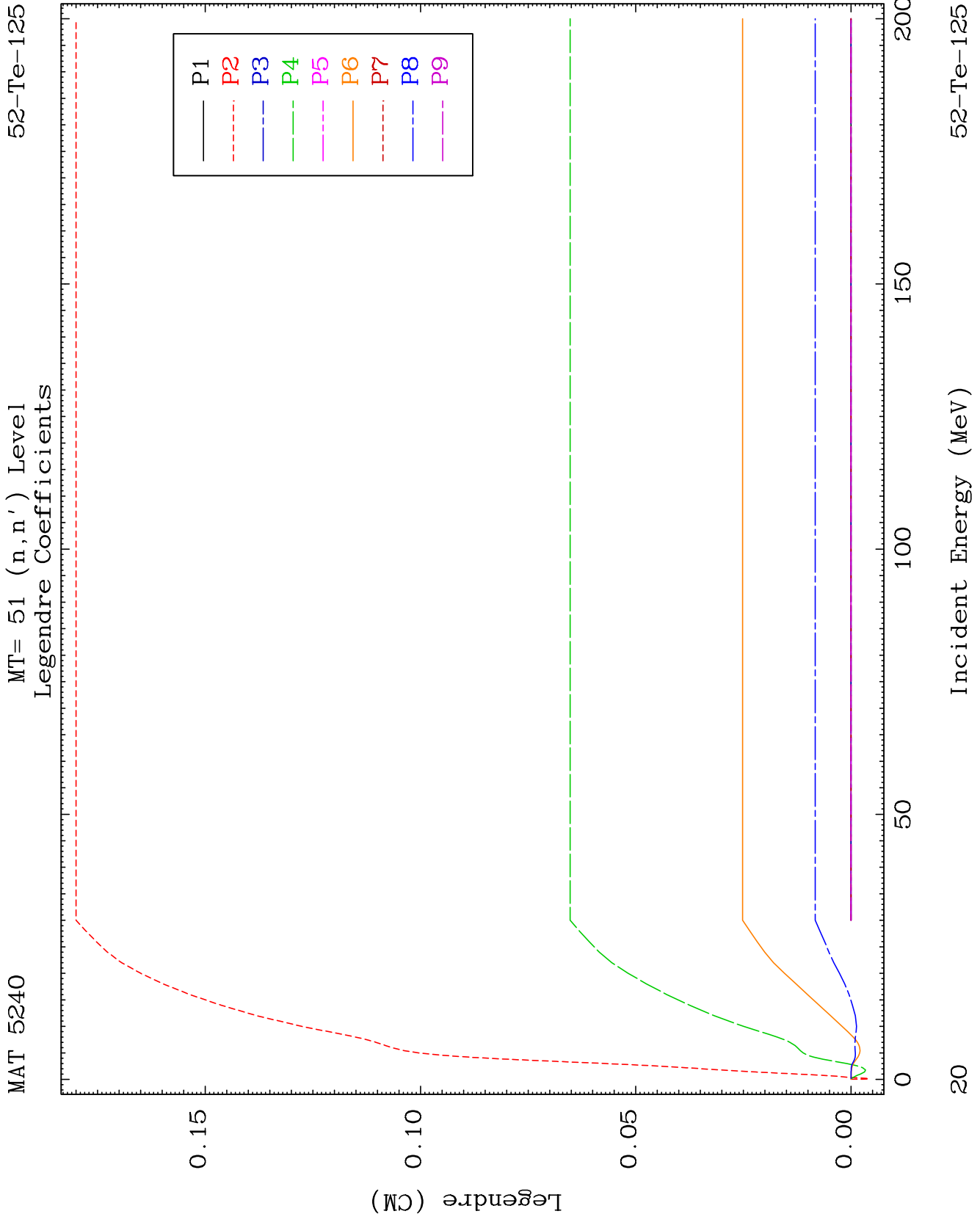
52-Te-125



19

Incident Energy (MeV)

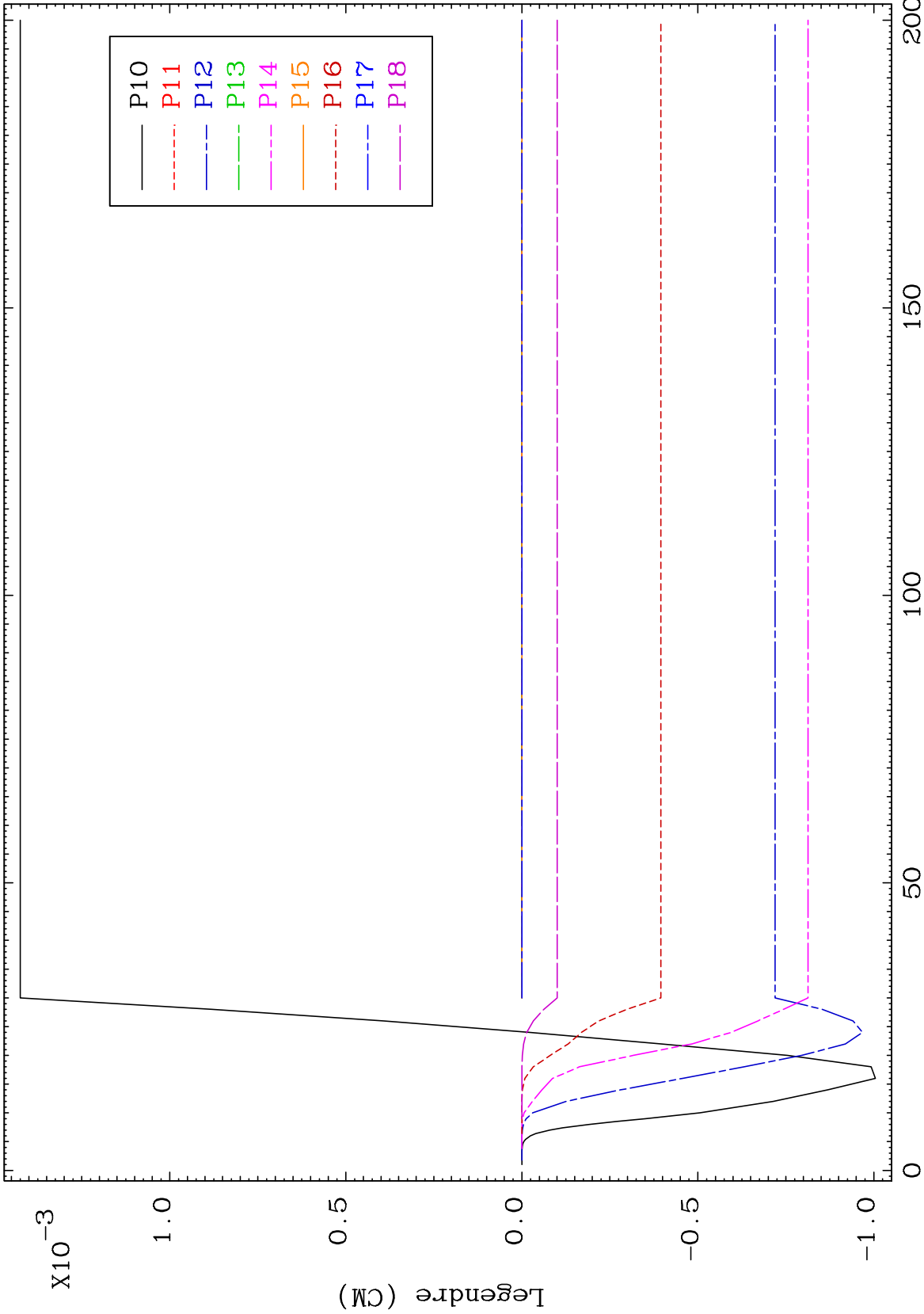
52-Te-125



MAT 5240

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

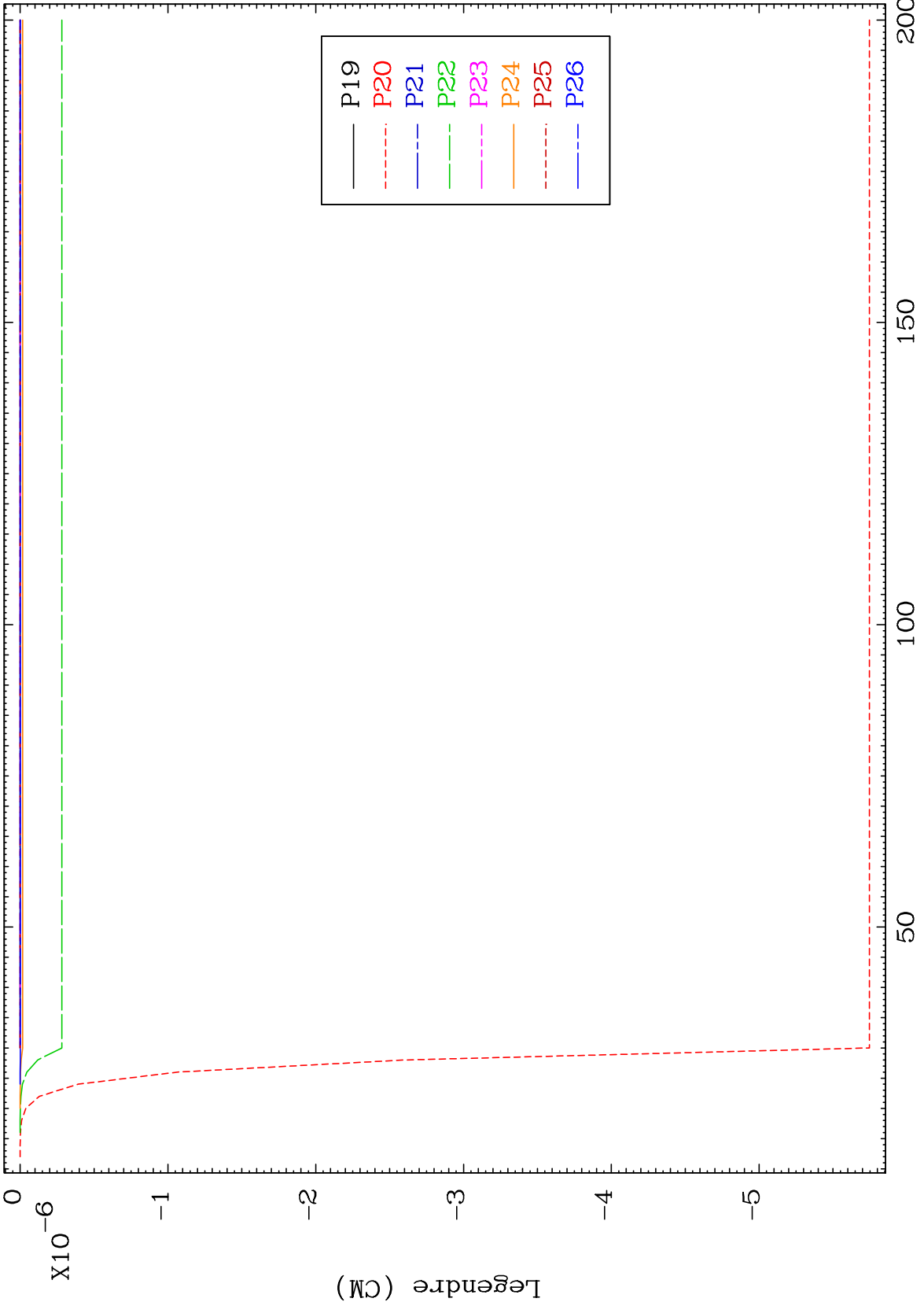
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21

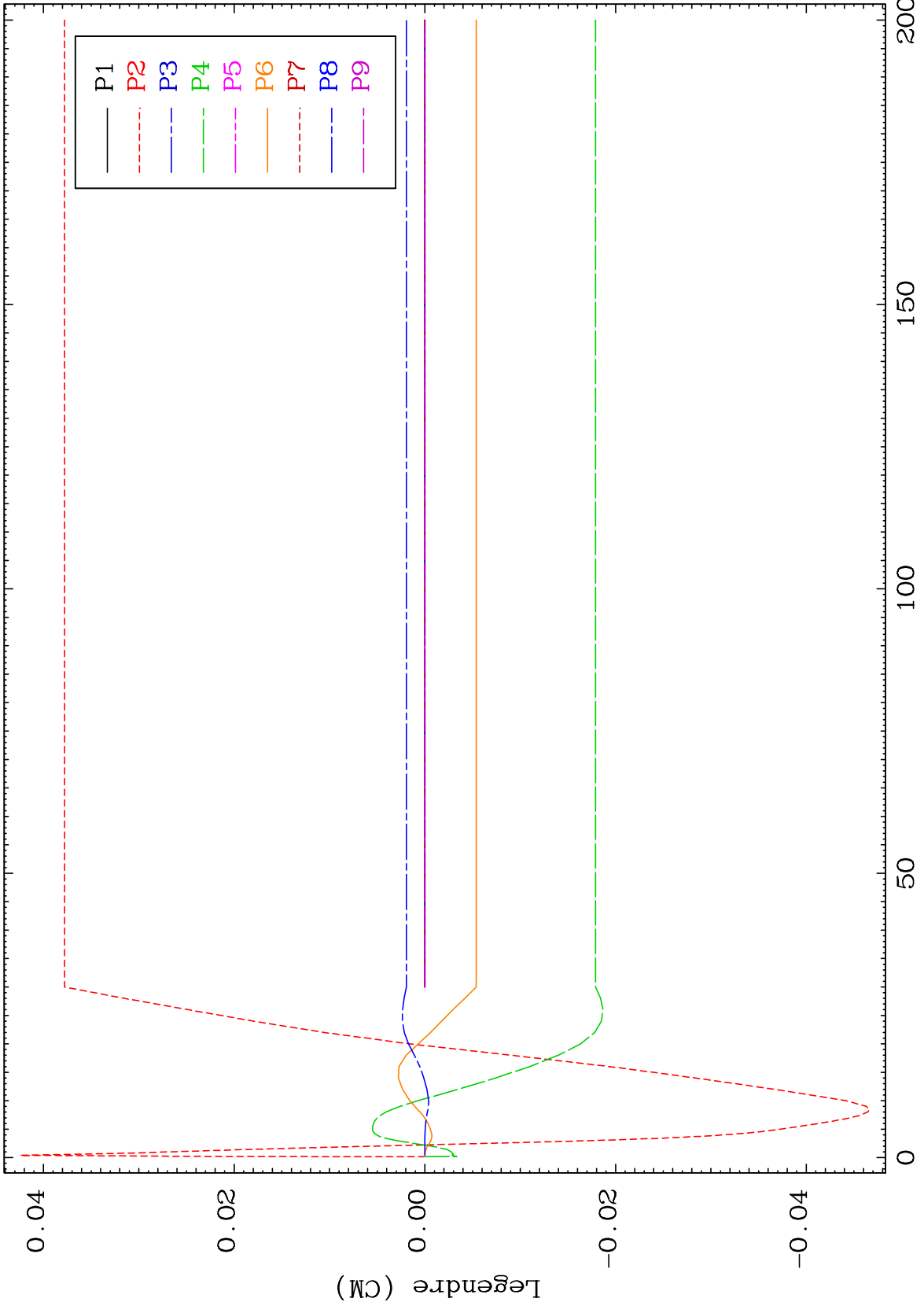
52-Te-125

MAT 5240 MT= 51 (n,n') Level Legendre Coefficients 52-Te-125



22 Incident Energy (MeV) 52-Te-125

MAT 5240 MT= 52 (n,n') Level Legendre Coefficients 52-Te-125

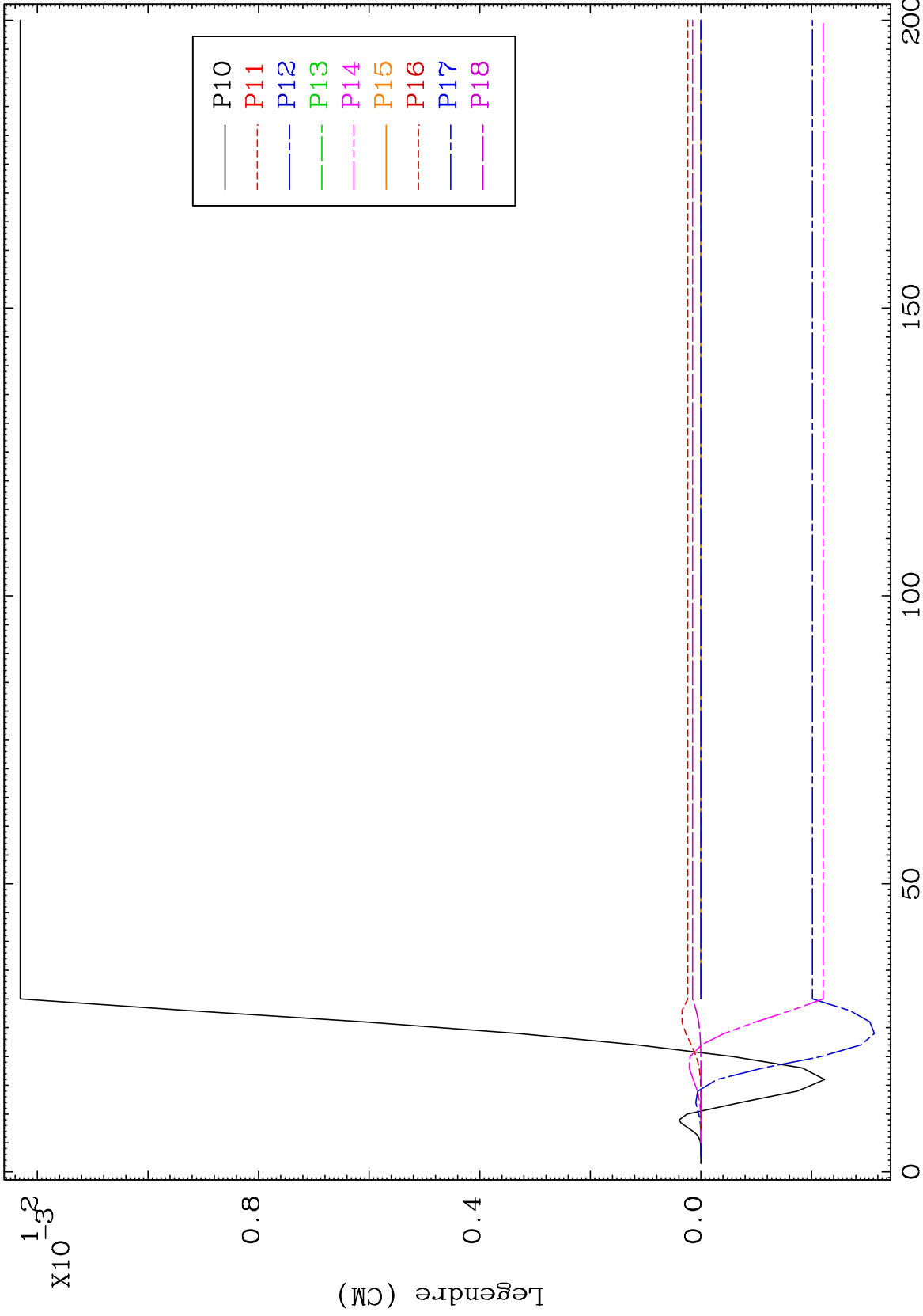


23 52-Te-125

MAT 5240

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

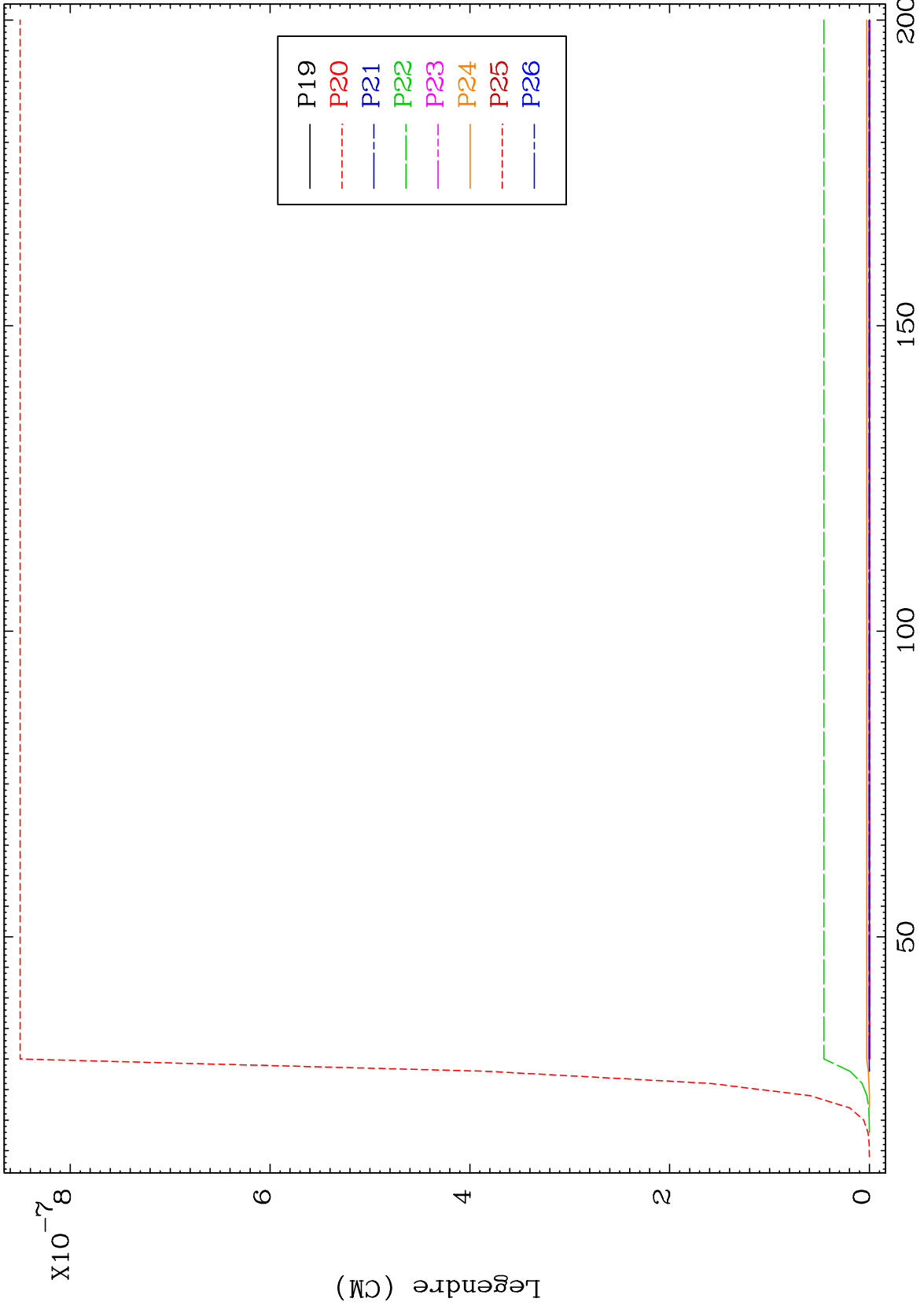
52-Te-125



24

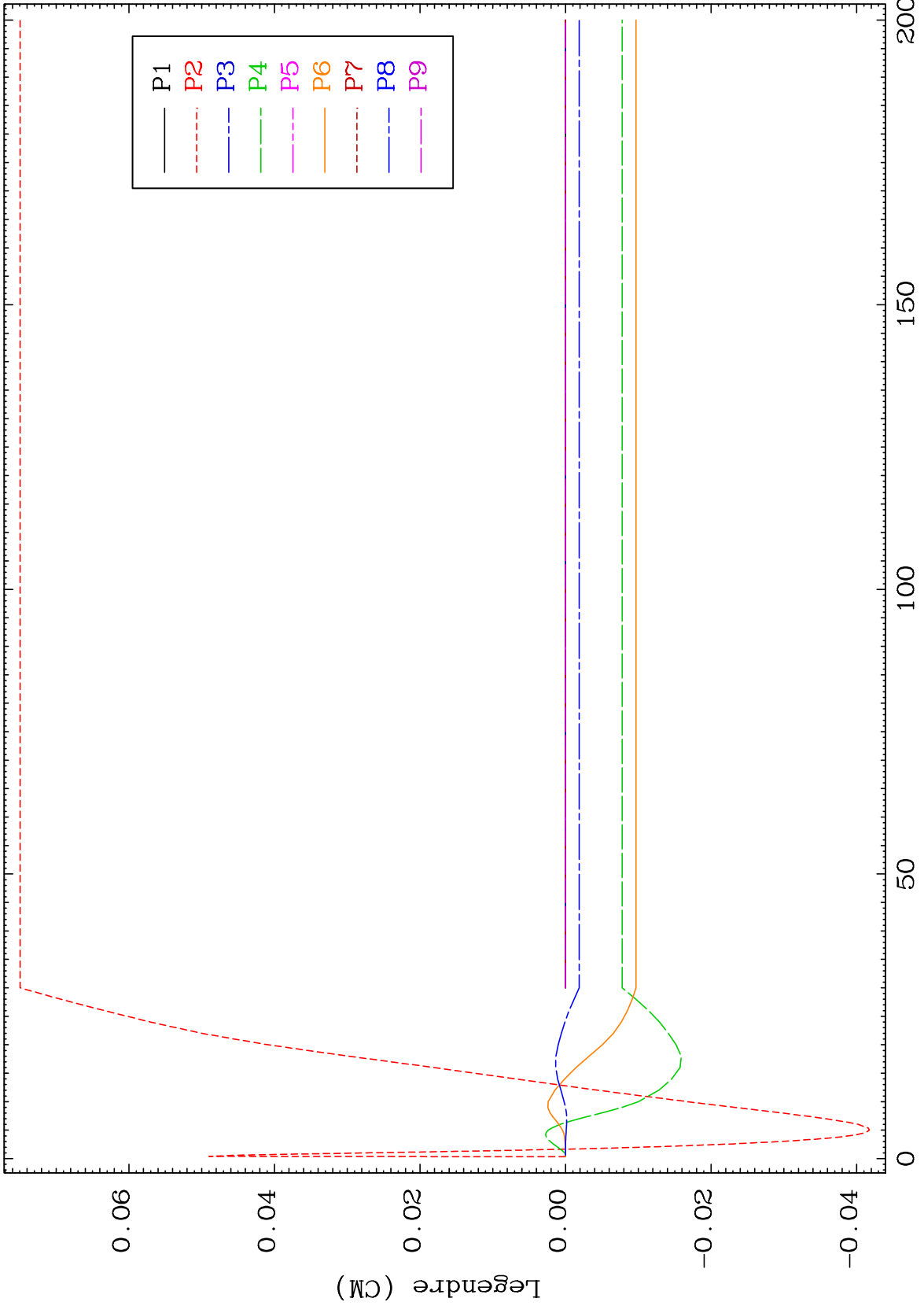
52-Te-125

MAT 5240 MT= 52 (n,n') Level Legendre Coefficients 52-Te-125



52-Te-125

MAT 5240 MT= 53 (n,n') Level Legendre Coefficients 52-Te-125

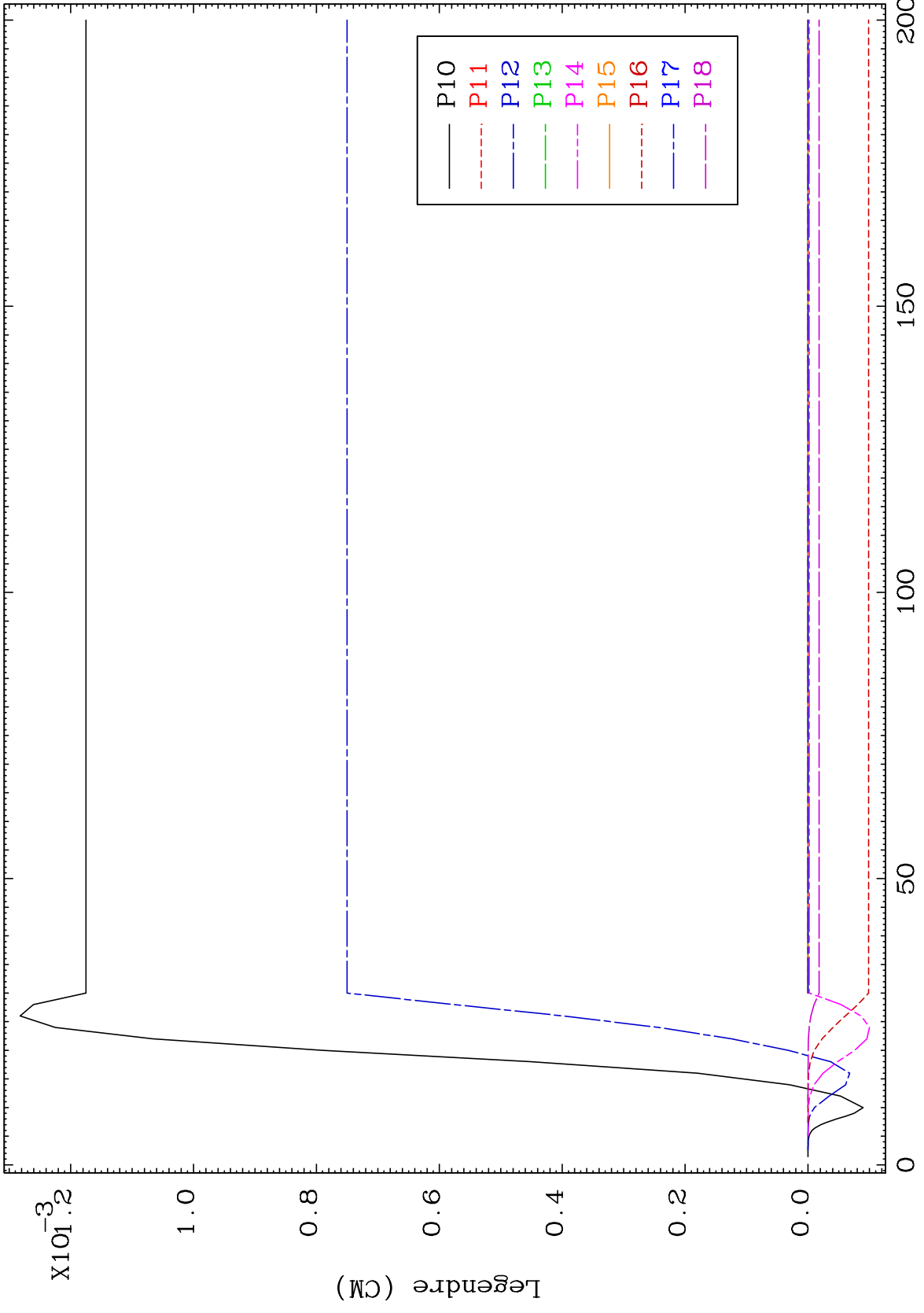


26 52-Te-125

MAT 5240

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

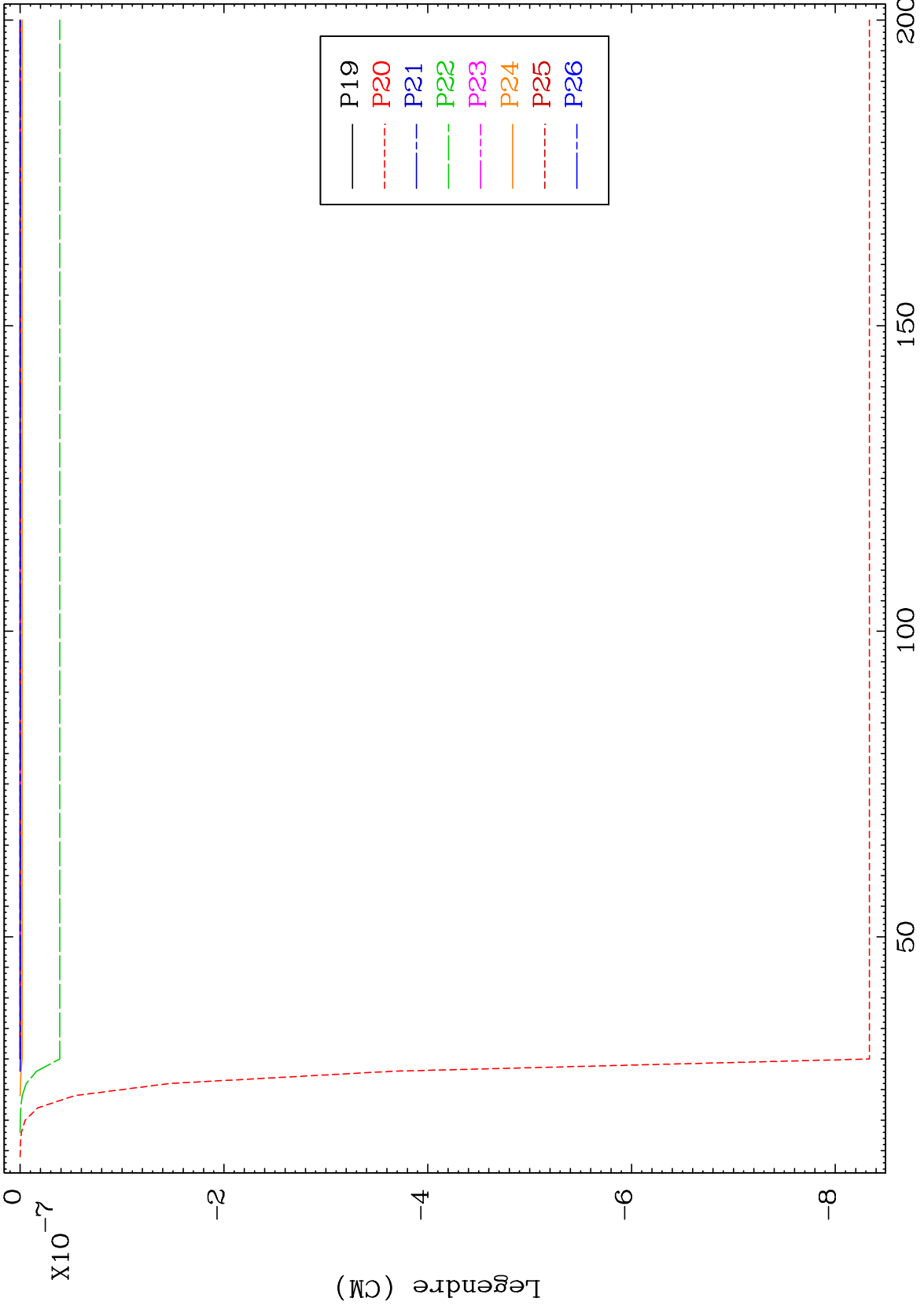
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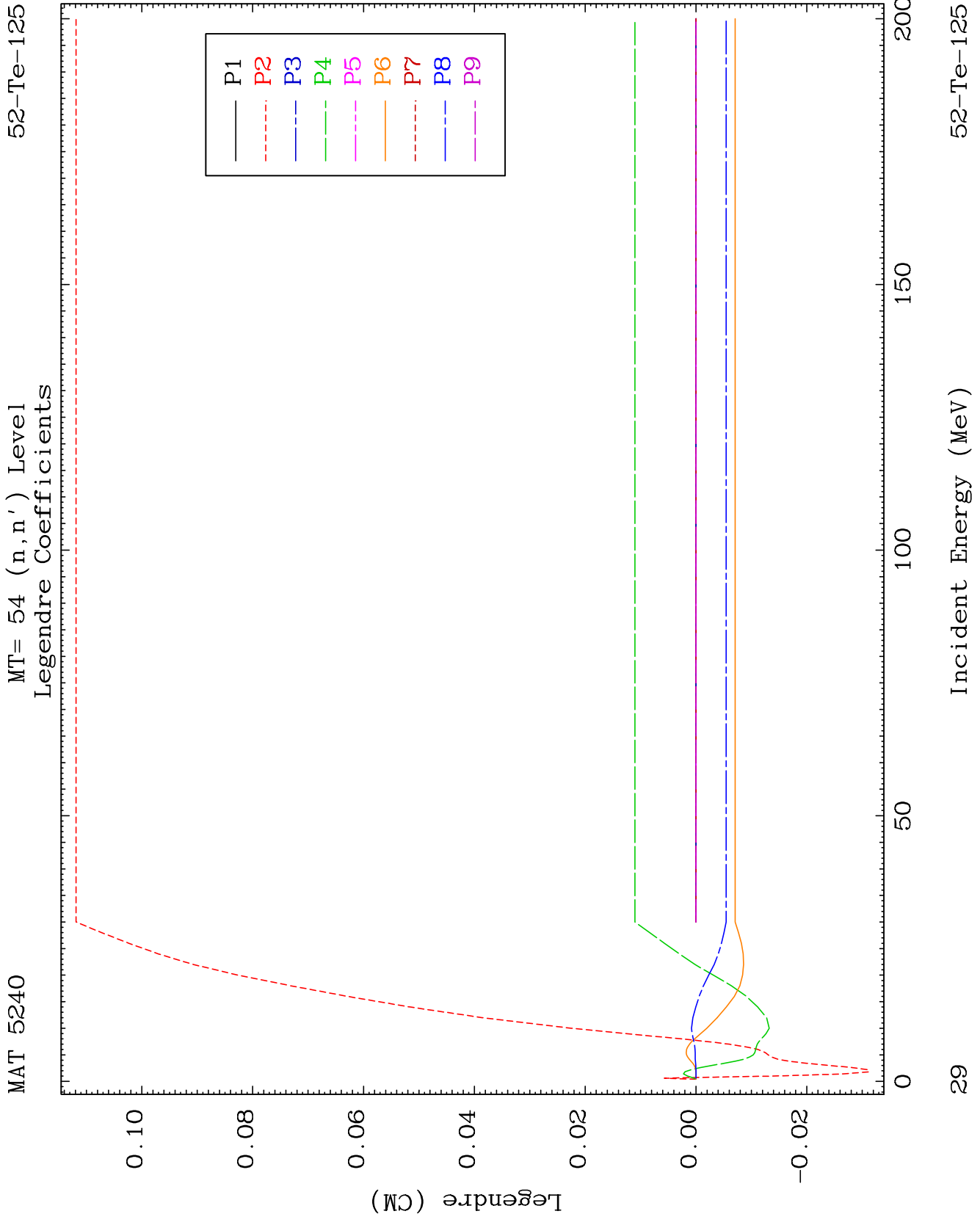


27

52-Te-125

MAT 5240 MT= 53 (n,n') Level Legendre Coefficients 52-Te-125

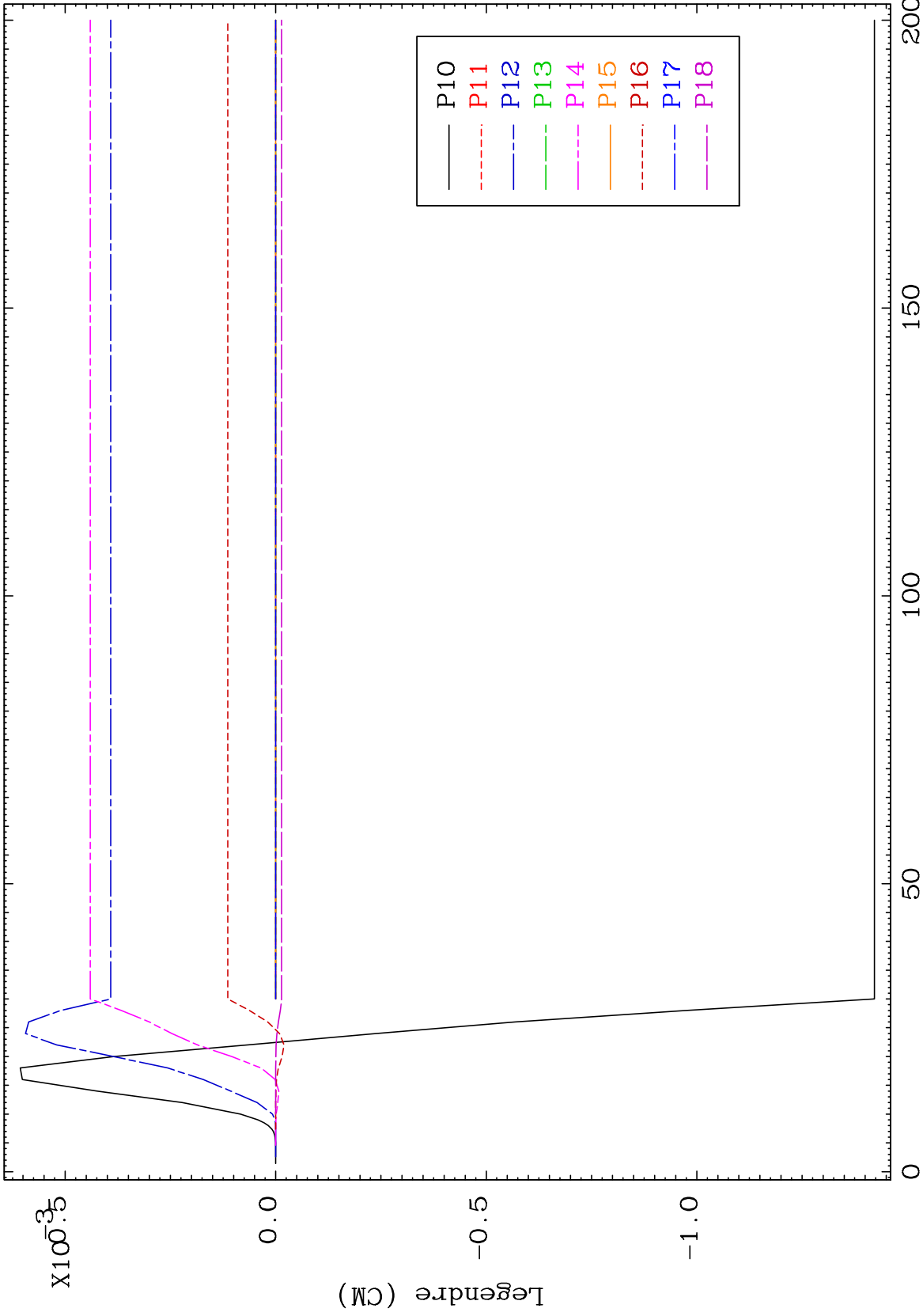




MAT 5240

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

52-Te-125

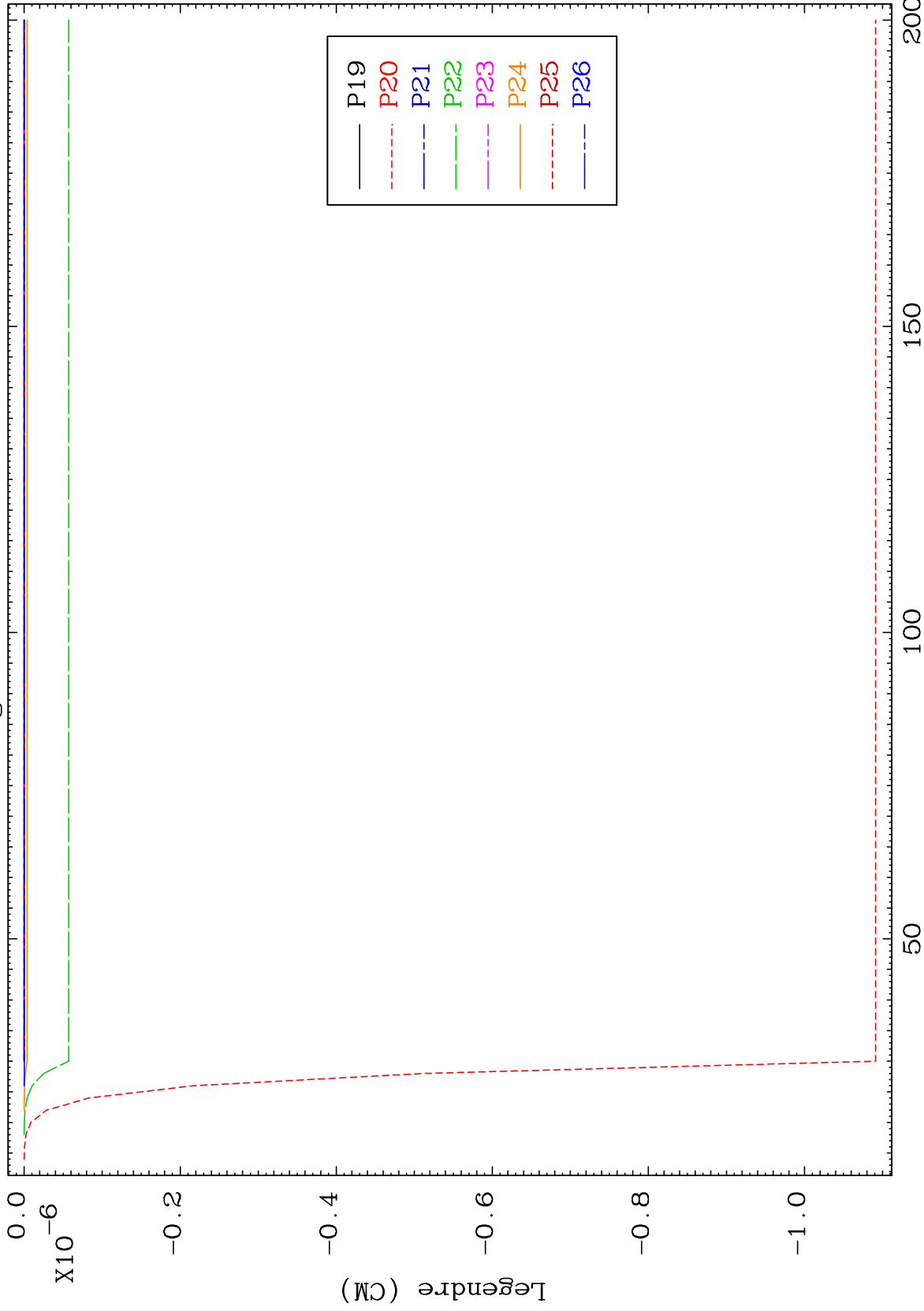


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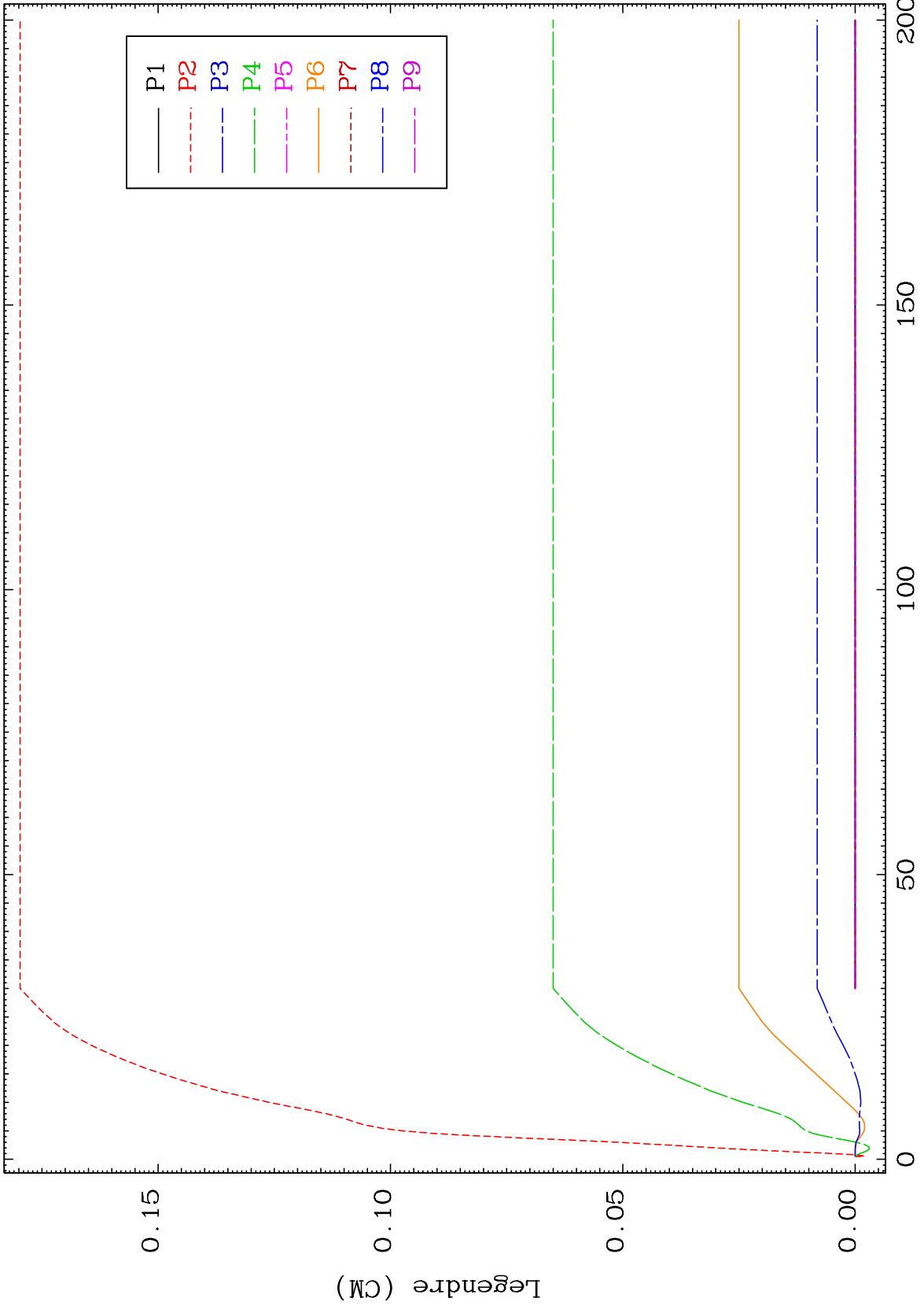
Incident Energy (MeV)

52-Te-125

MAT 5240 MT= 54 (n,n') Level Legendre Coefficients 52-Te-125



MAT 5240 MT= 55 (n,n') Level Legendre Coefficients 52-Te-125

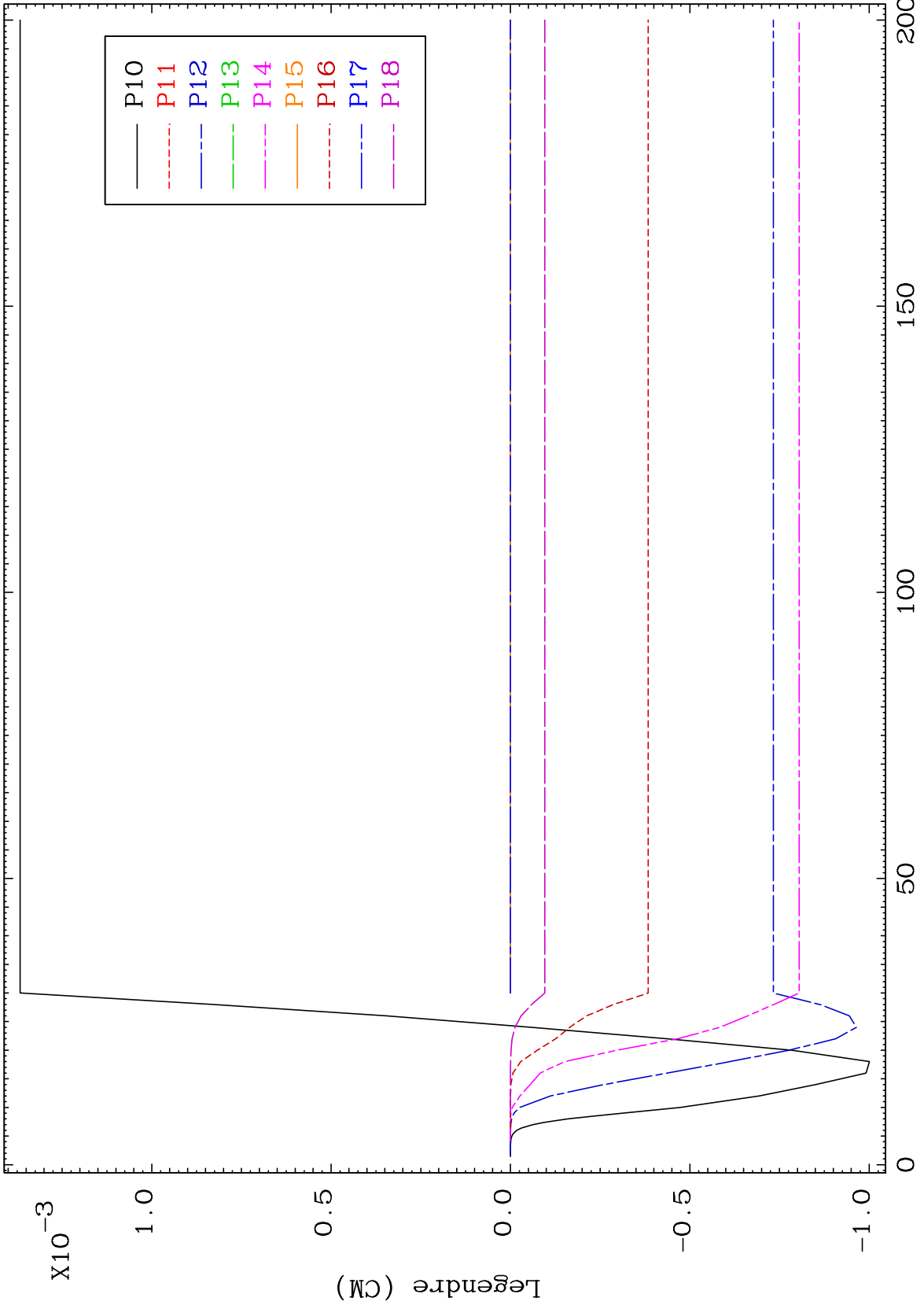


32 Incident Energy (MeV) 52-Te-125

MAT 5240

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

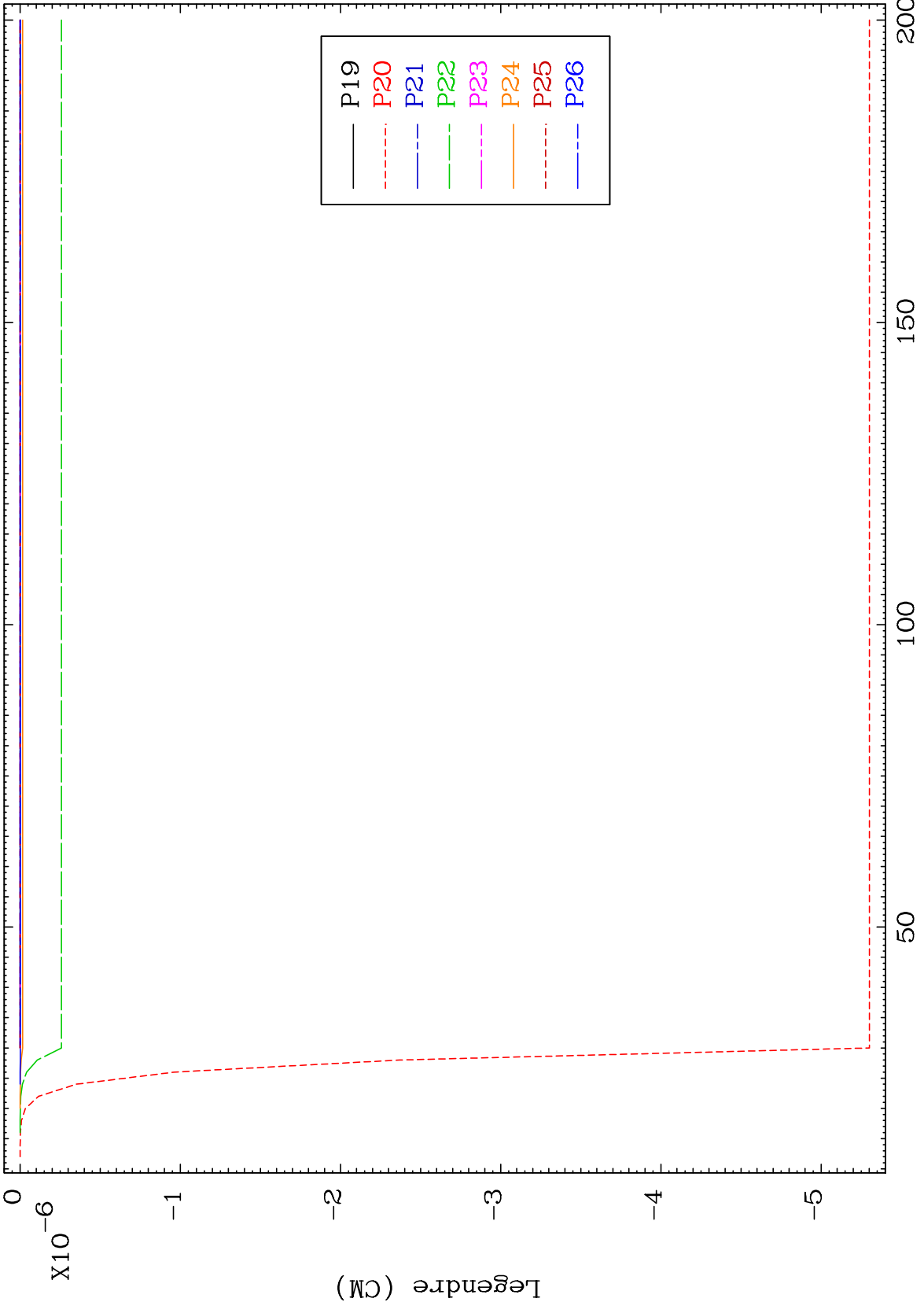
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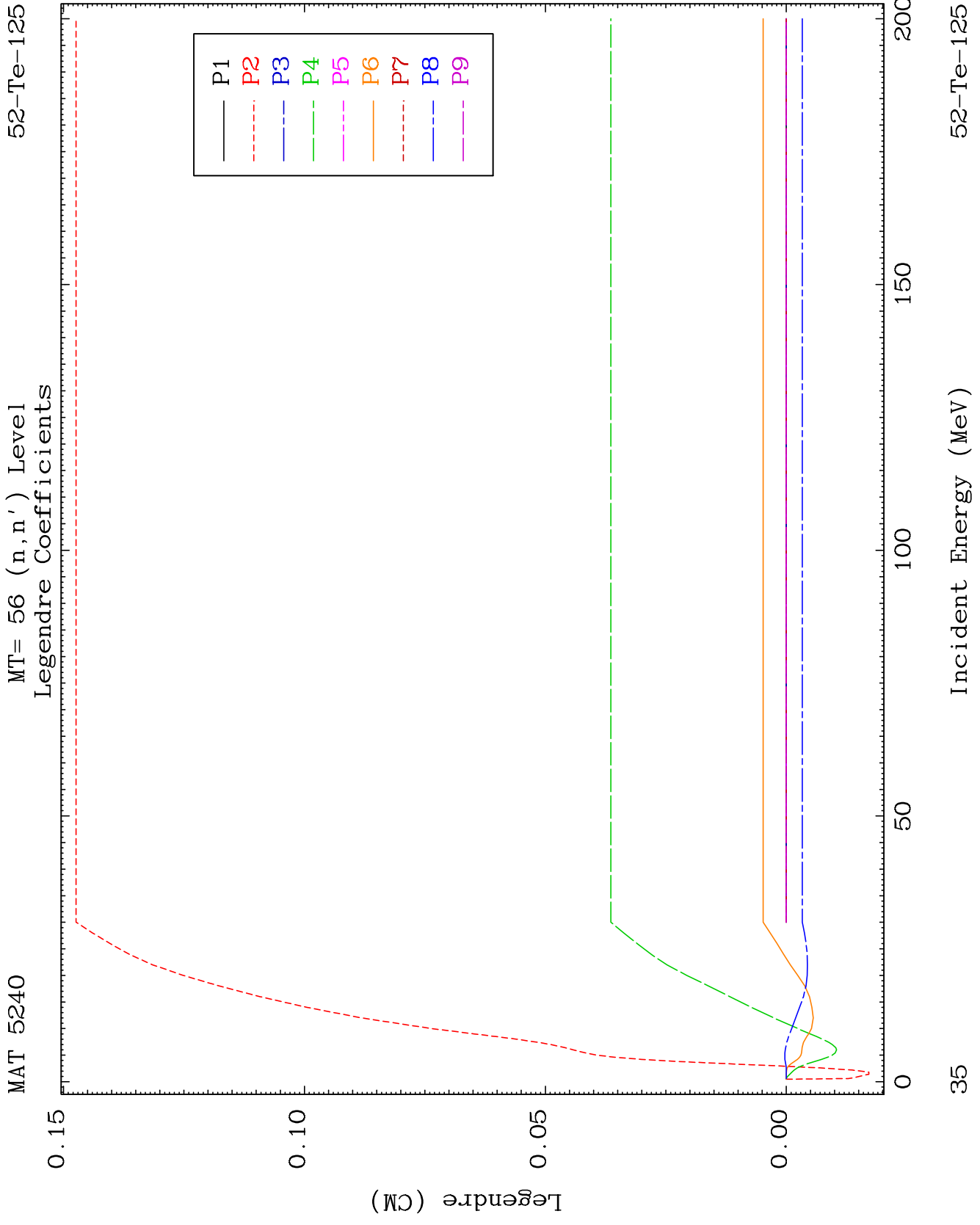


33

52-Te-125

MAT 5240 MT= 55 (n,n') Level Legendre Coefficients 52-Te-125

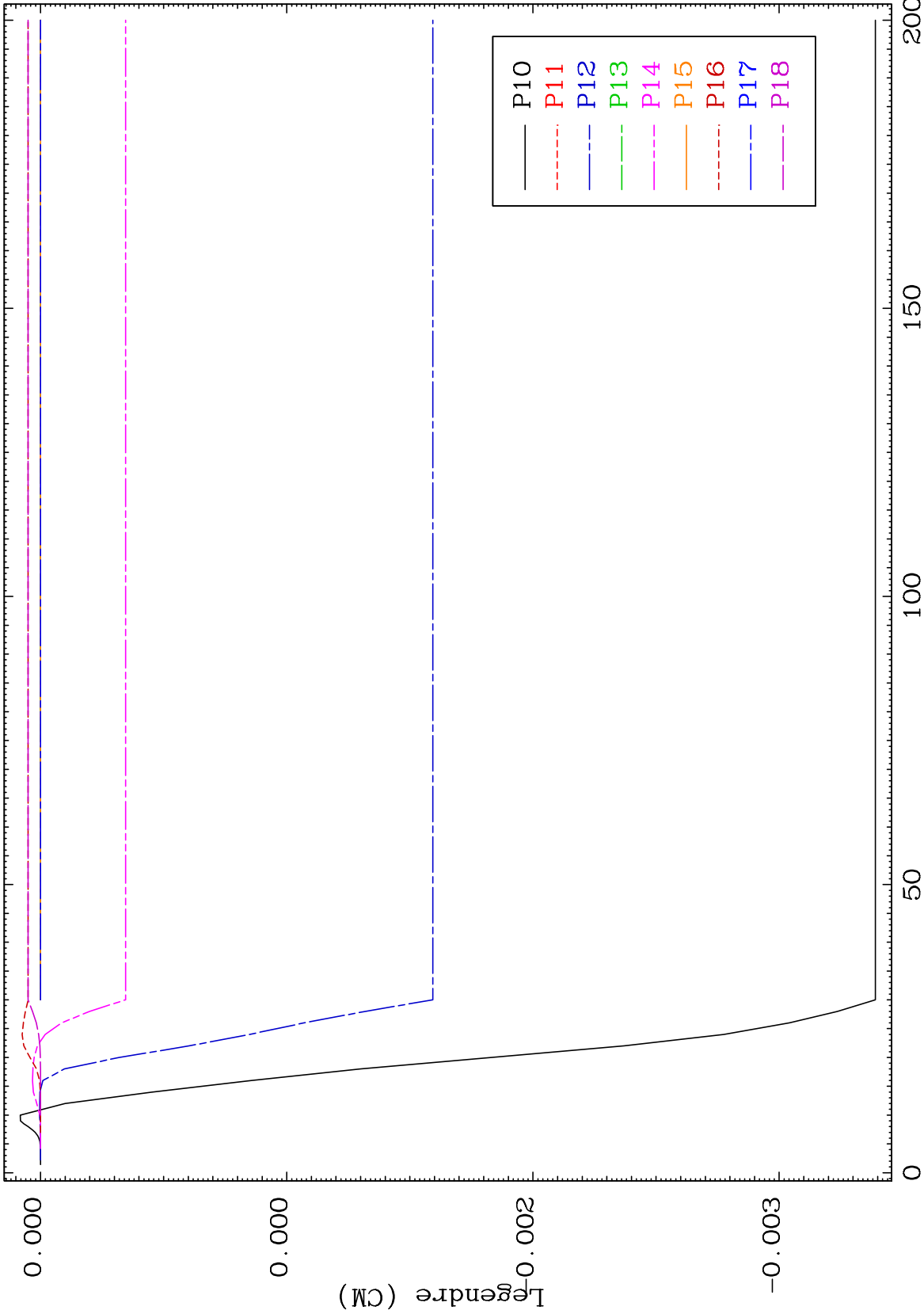




MAT 5240

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

52-Te-125

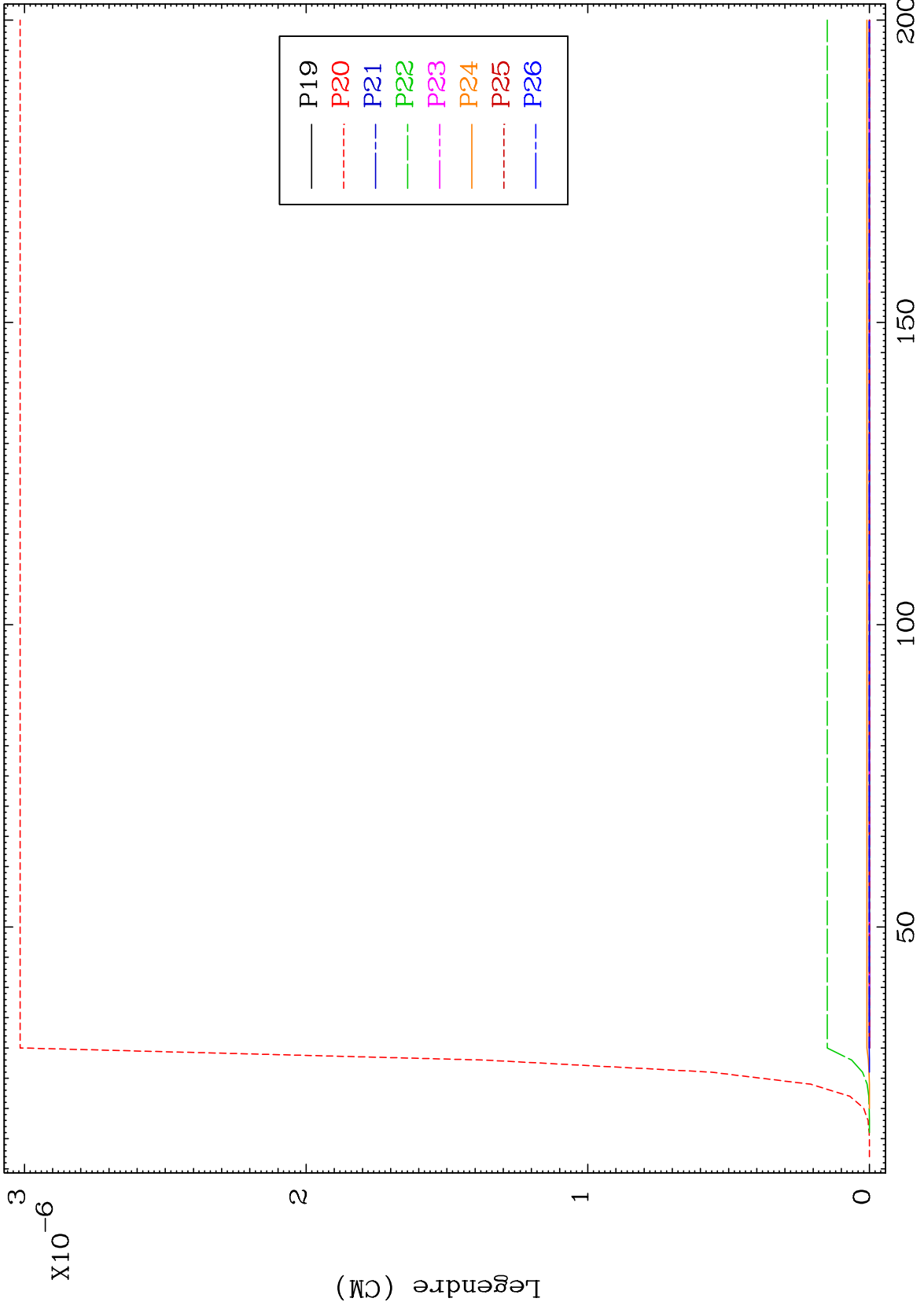


36

Incident Energy (MeV)

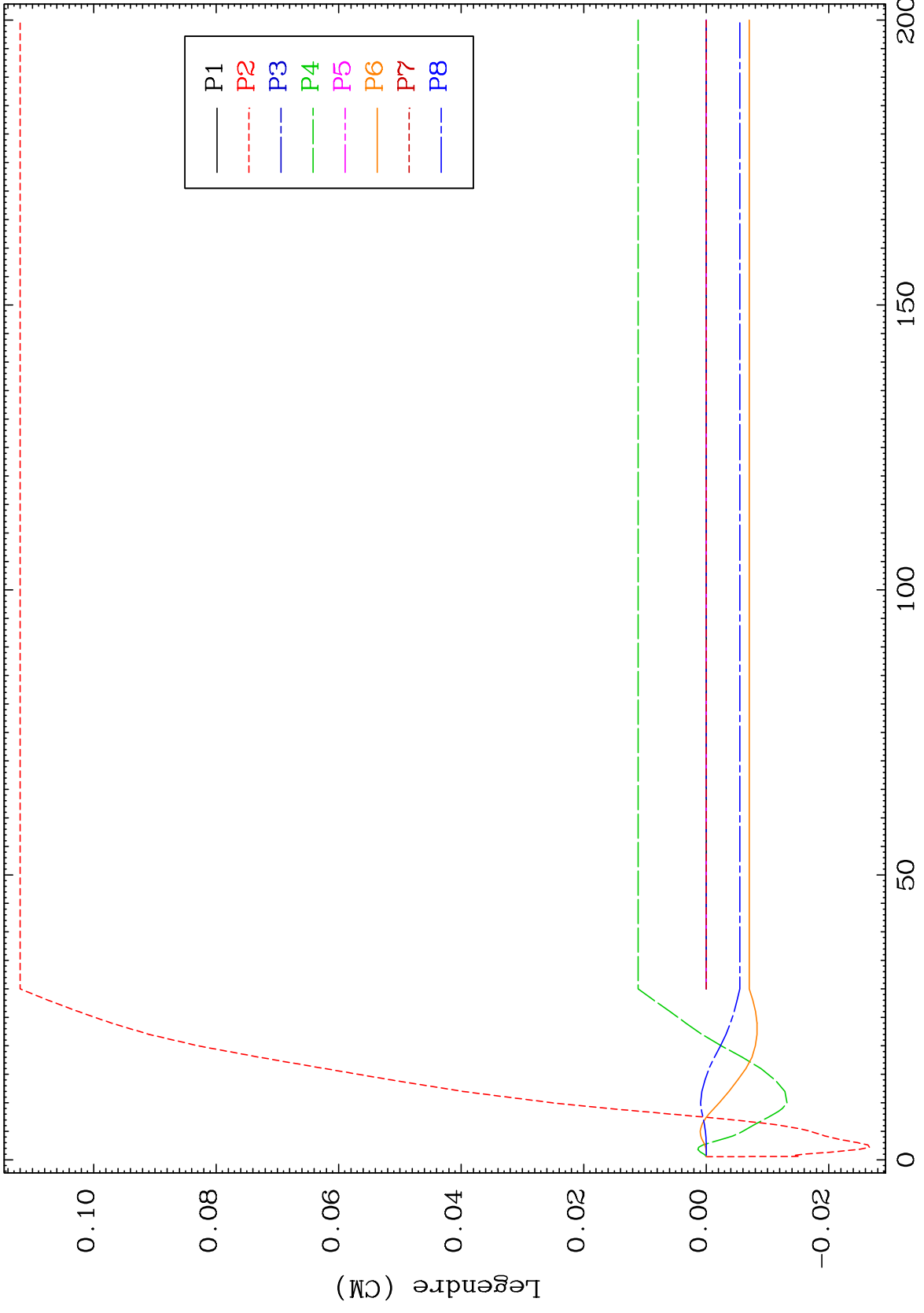
52-Te-125

MAT 5240 MT= 56 (n,n') Level Legendre Coefficients 52-Te-125



37 Incident Energy (MeV) 52-Te-125

MAT 5240 MT= 57 (n,n') Level Legendre Coefficients 52-Te-125

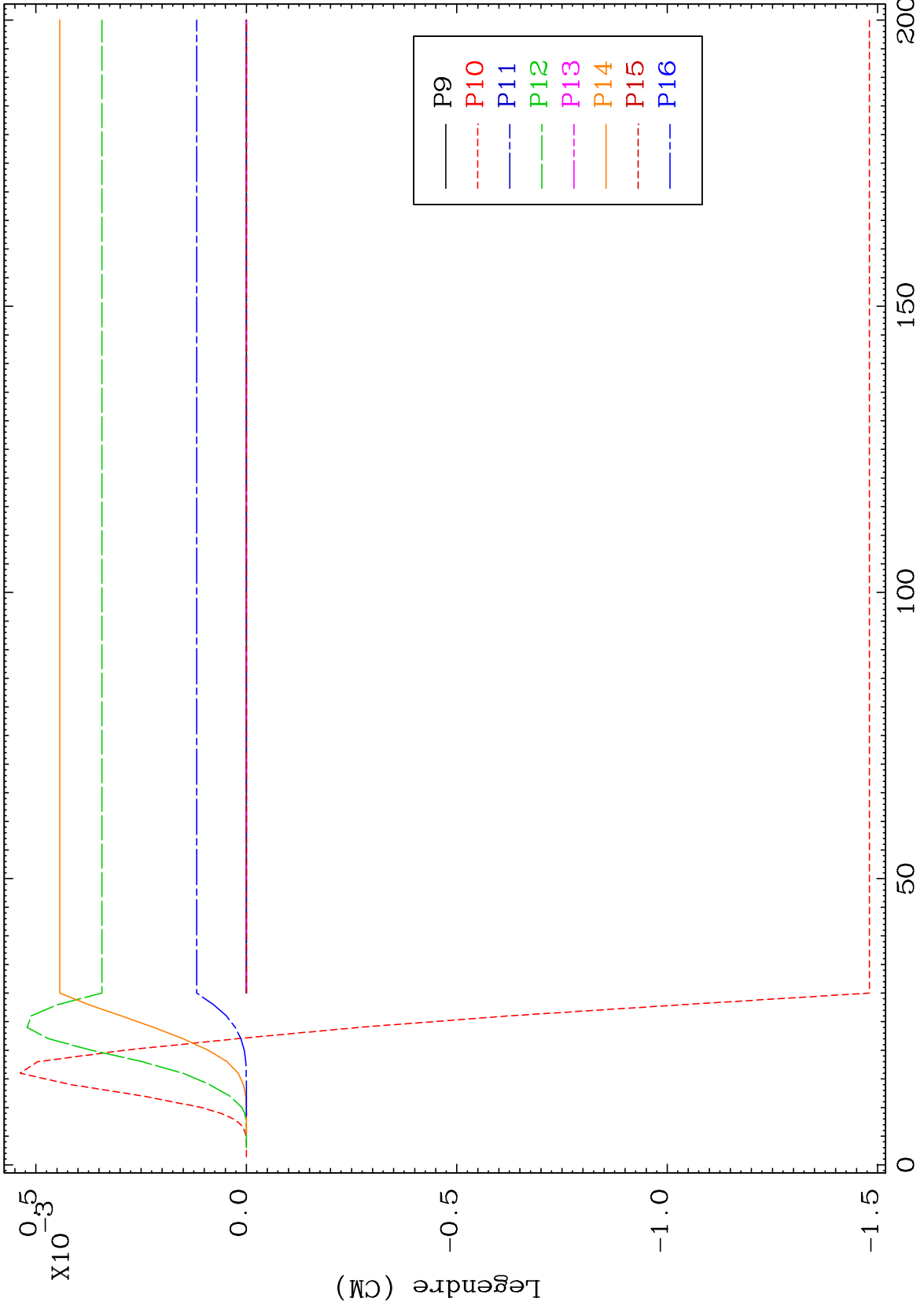


38 52-Te-125

MAT 5240

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

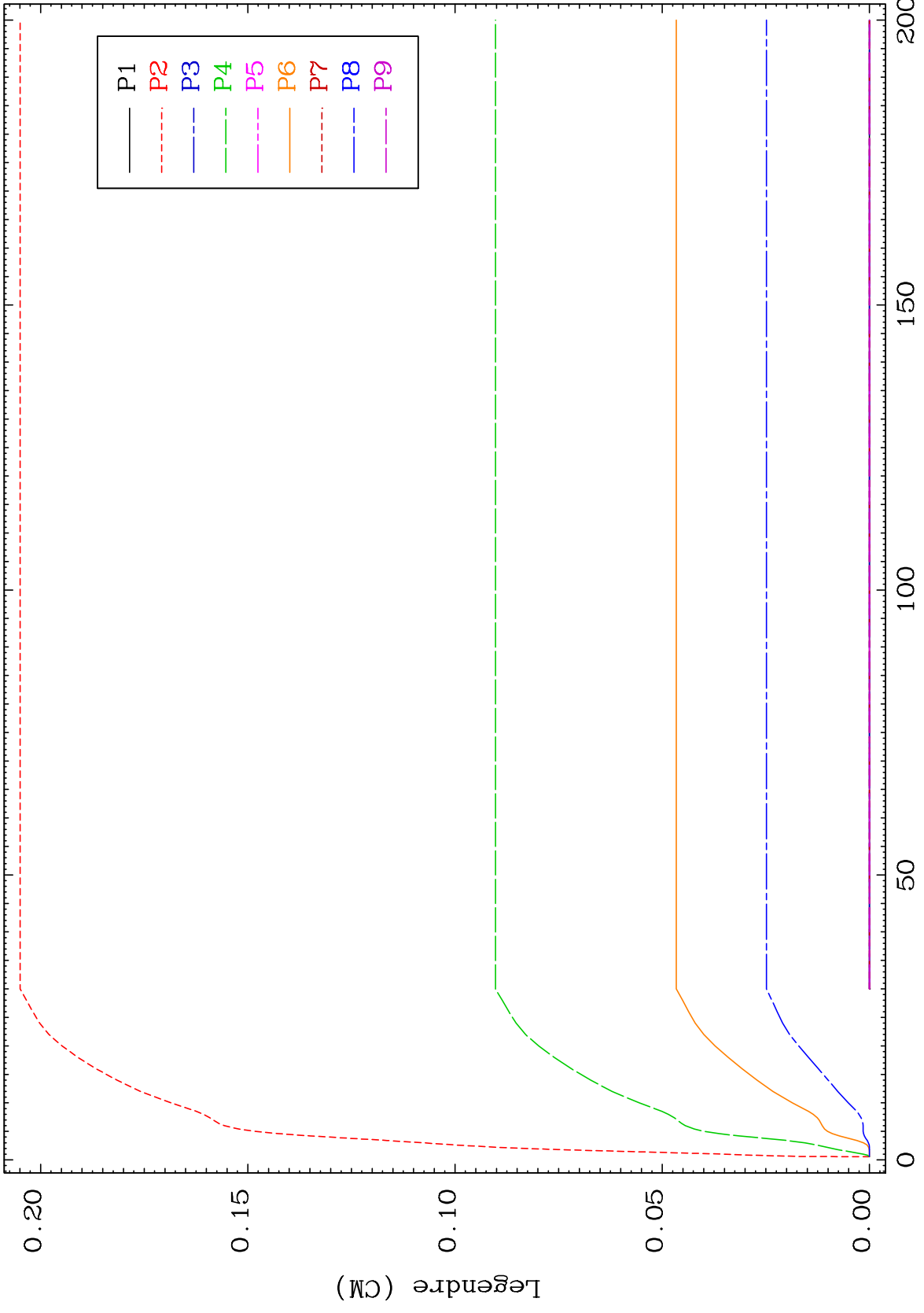
52-Te-125



39

52-Te-125

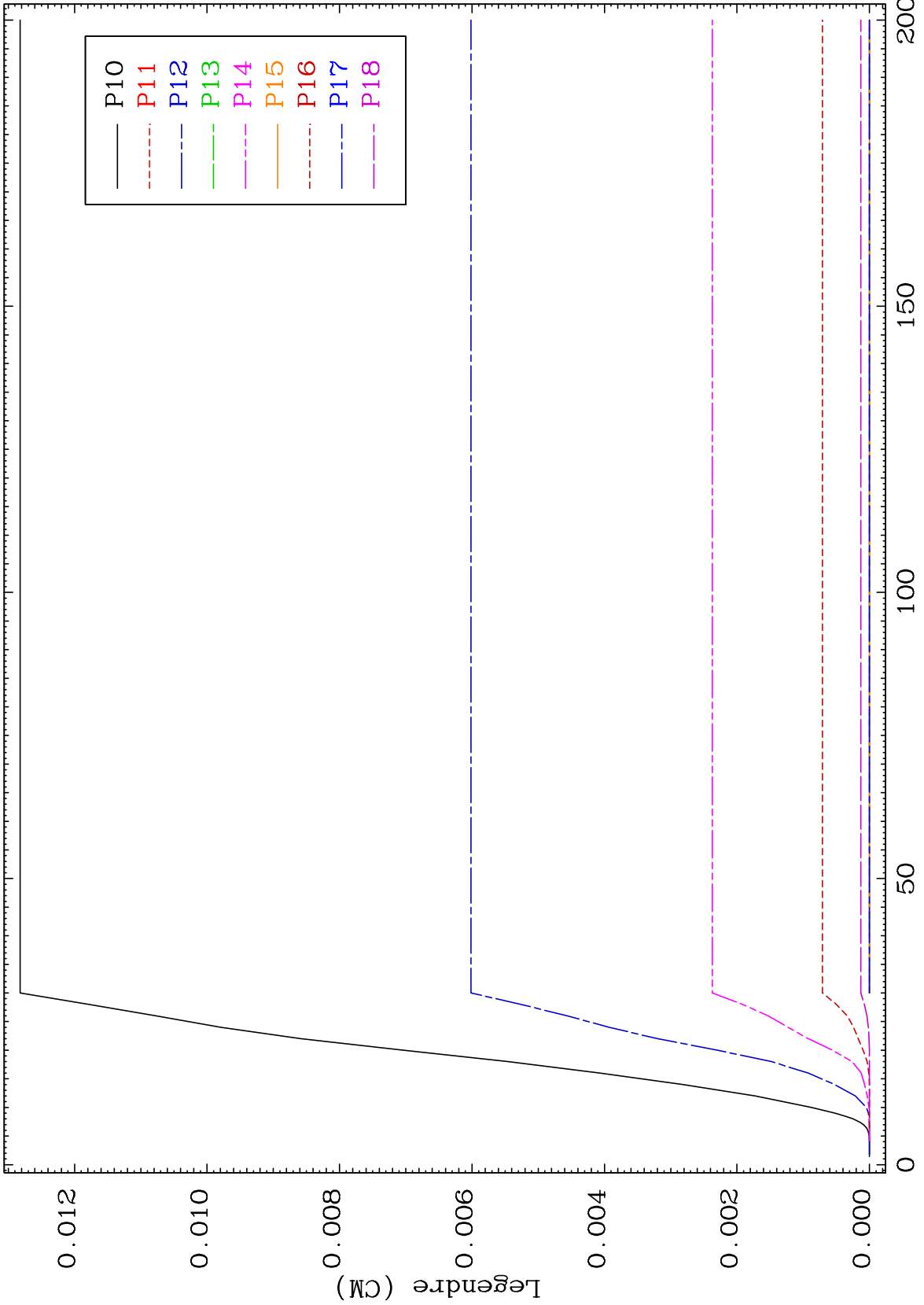
MAT 5240 MT= 58 (n,n') Level Legendre Coefficients 52-Te-125



MAT 5240

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

52-Te-125

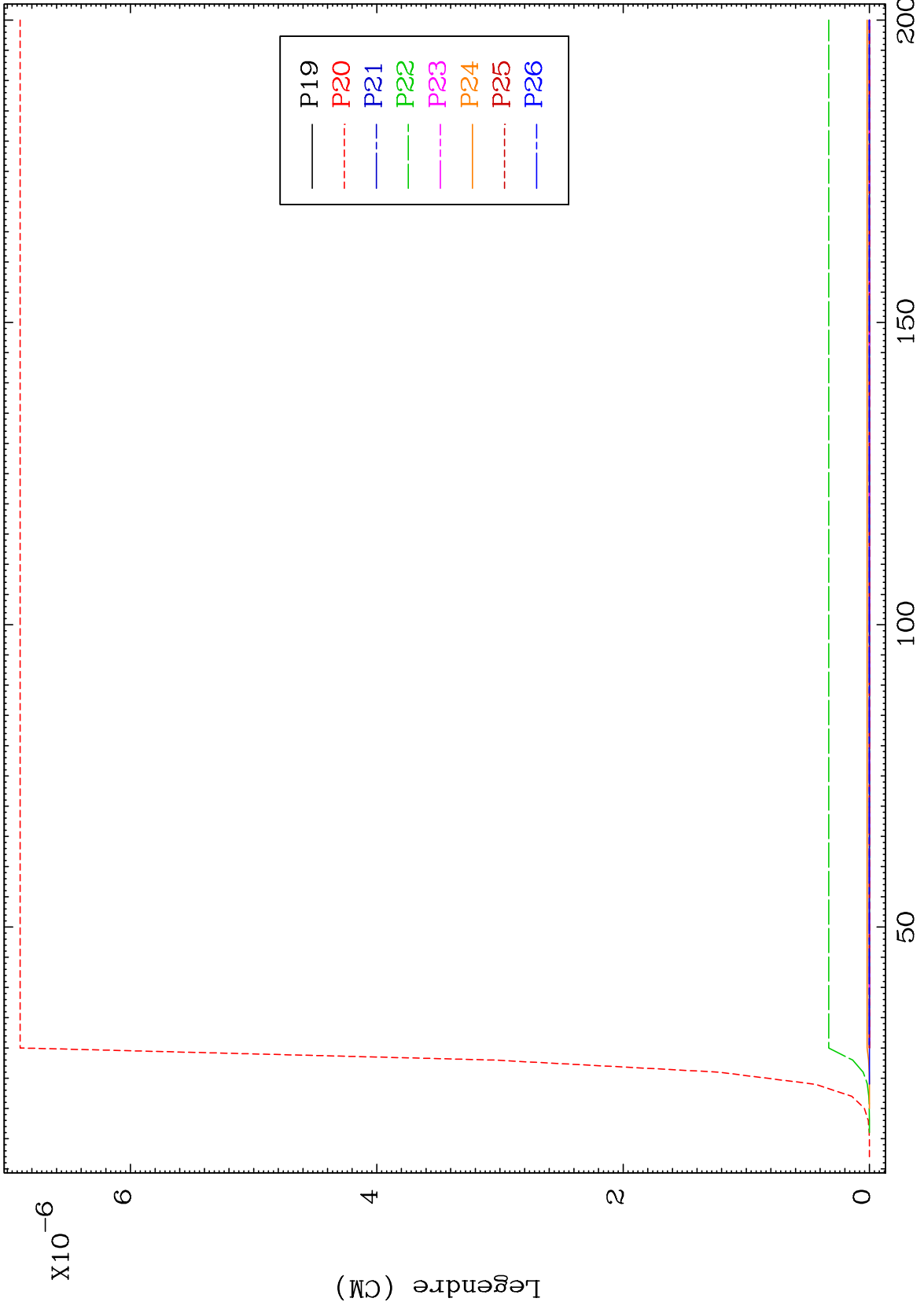


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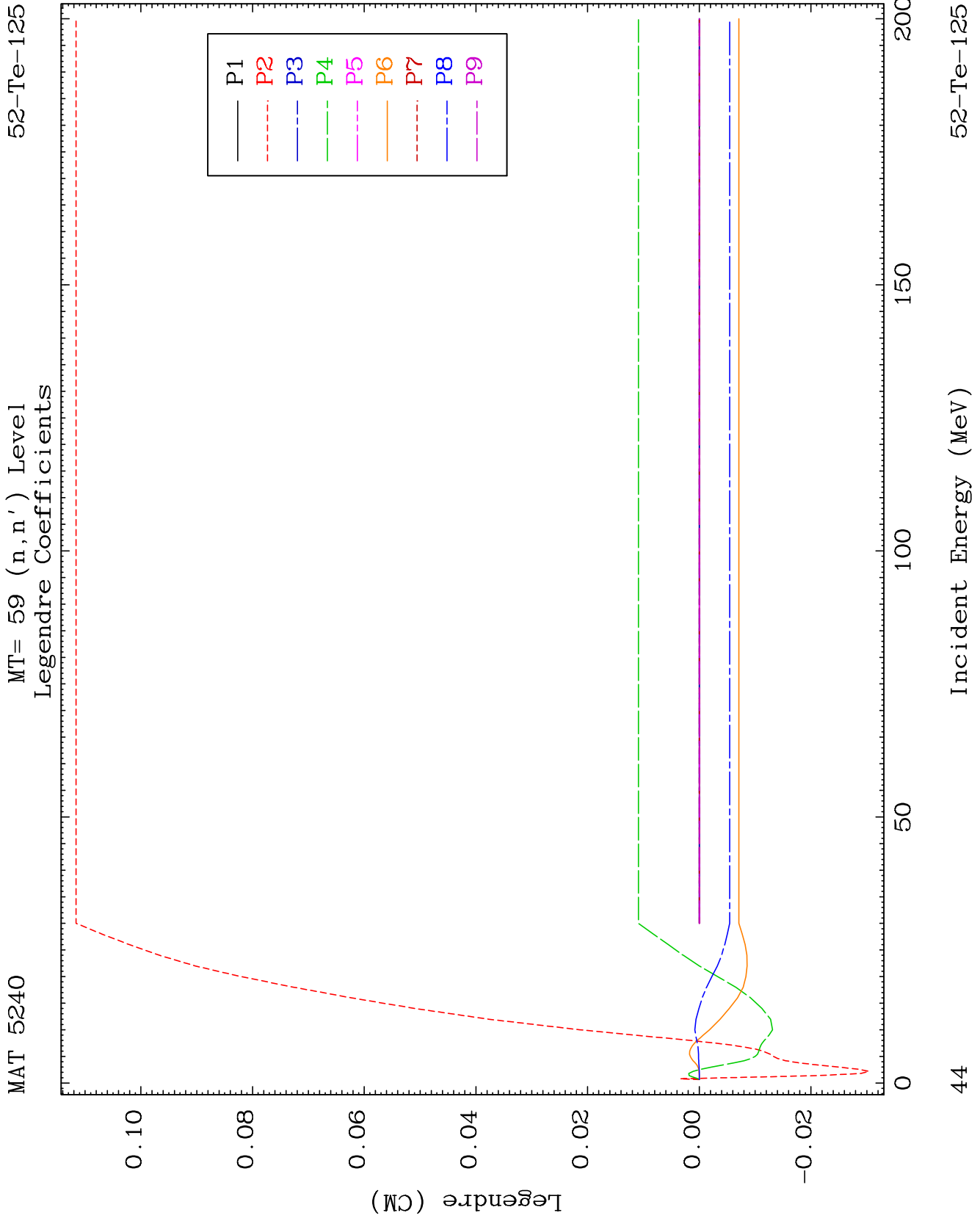
Incident Energy (MeV)

52-Te-125

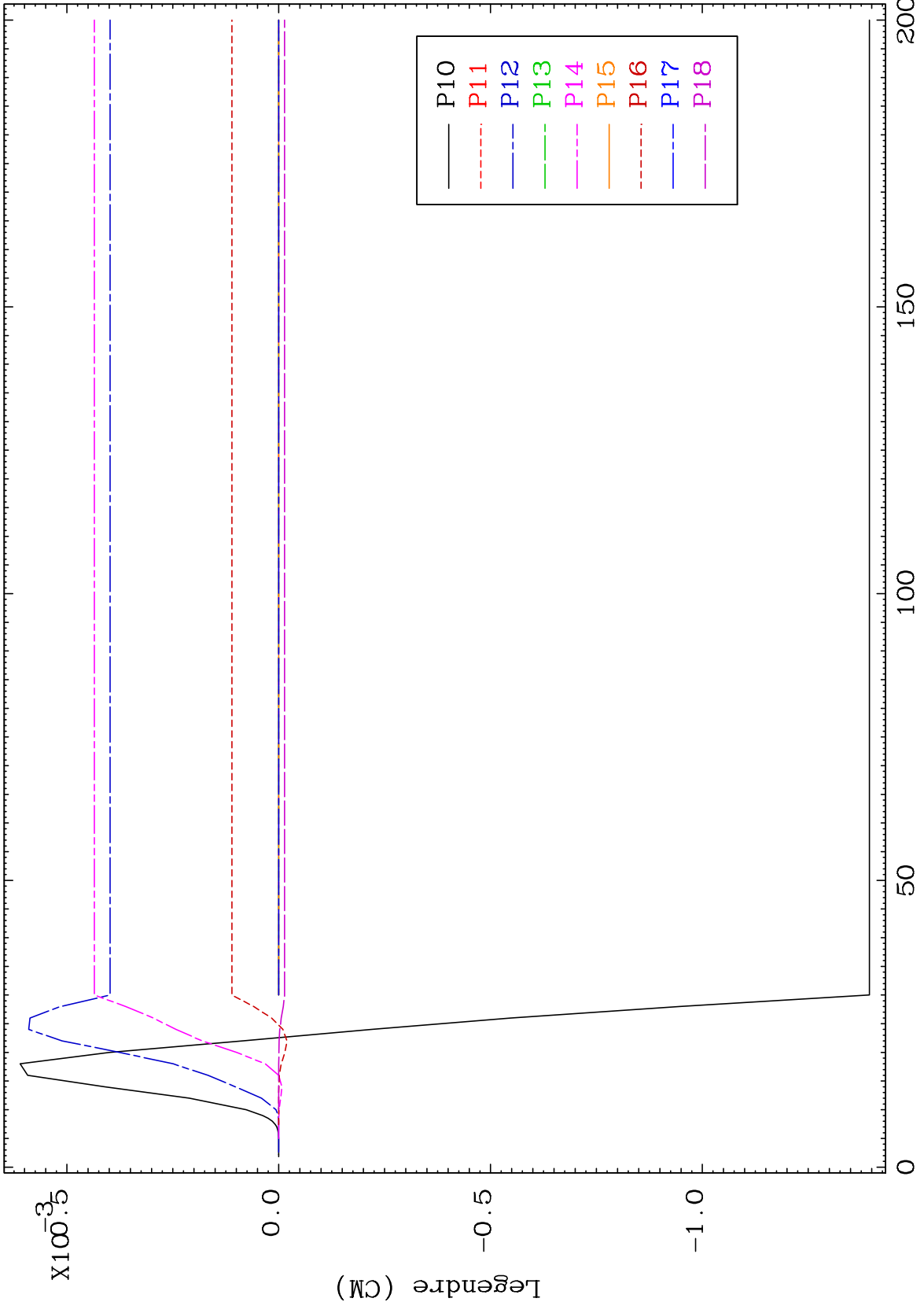
MAT 5240 MT= 58 (n,n') Level Legendre Coefficients 52-Te-125



43 52-Te-125

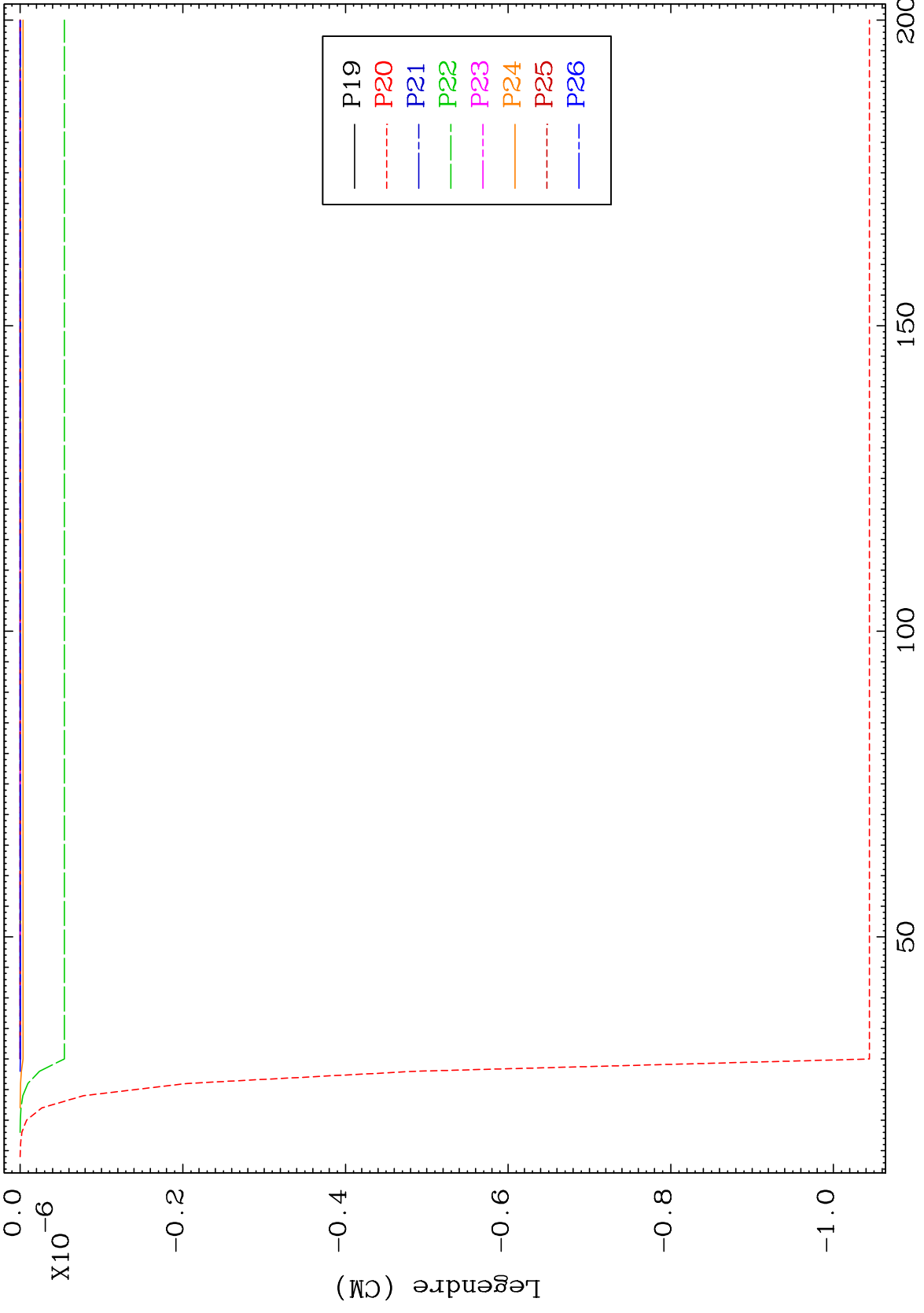


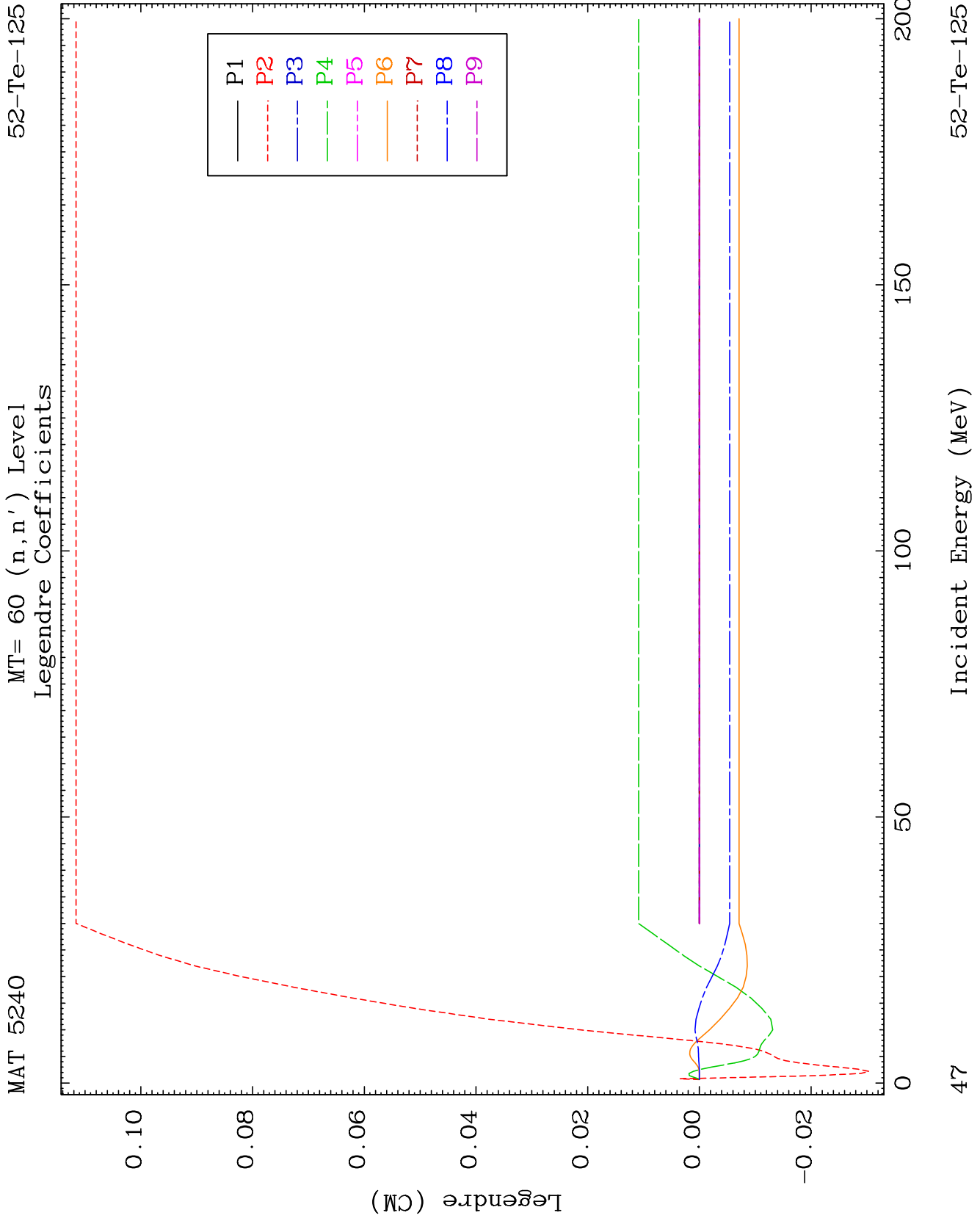
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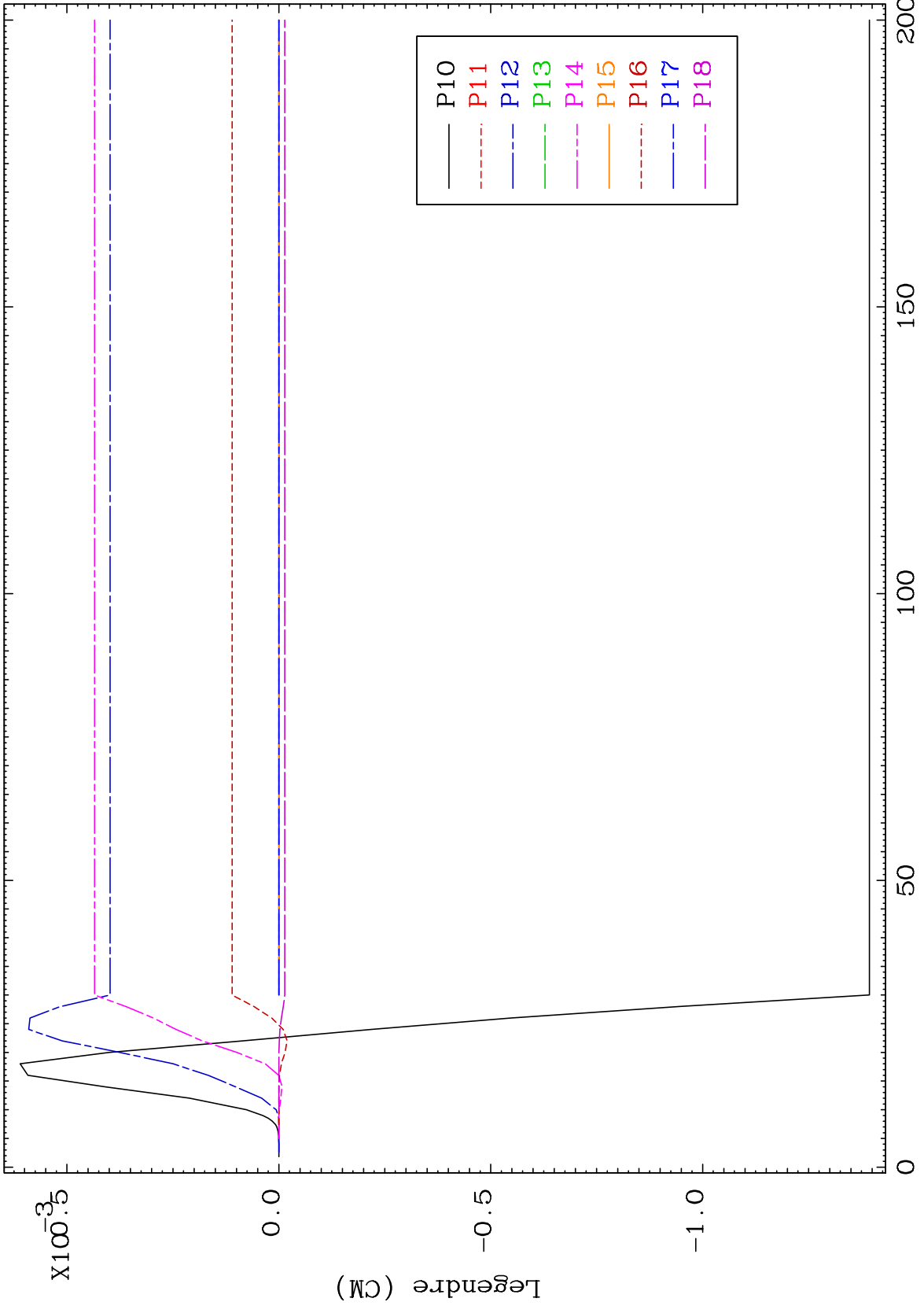
45 52-Te-125

MAT 5240 MT= 59 (n,n') Level Legendre Coefficients 52-Te-125



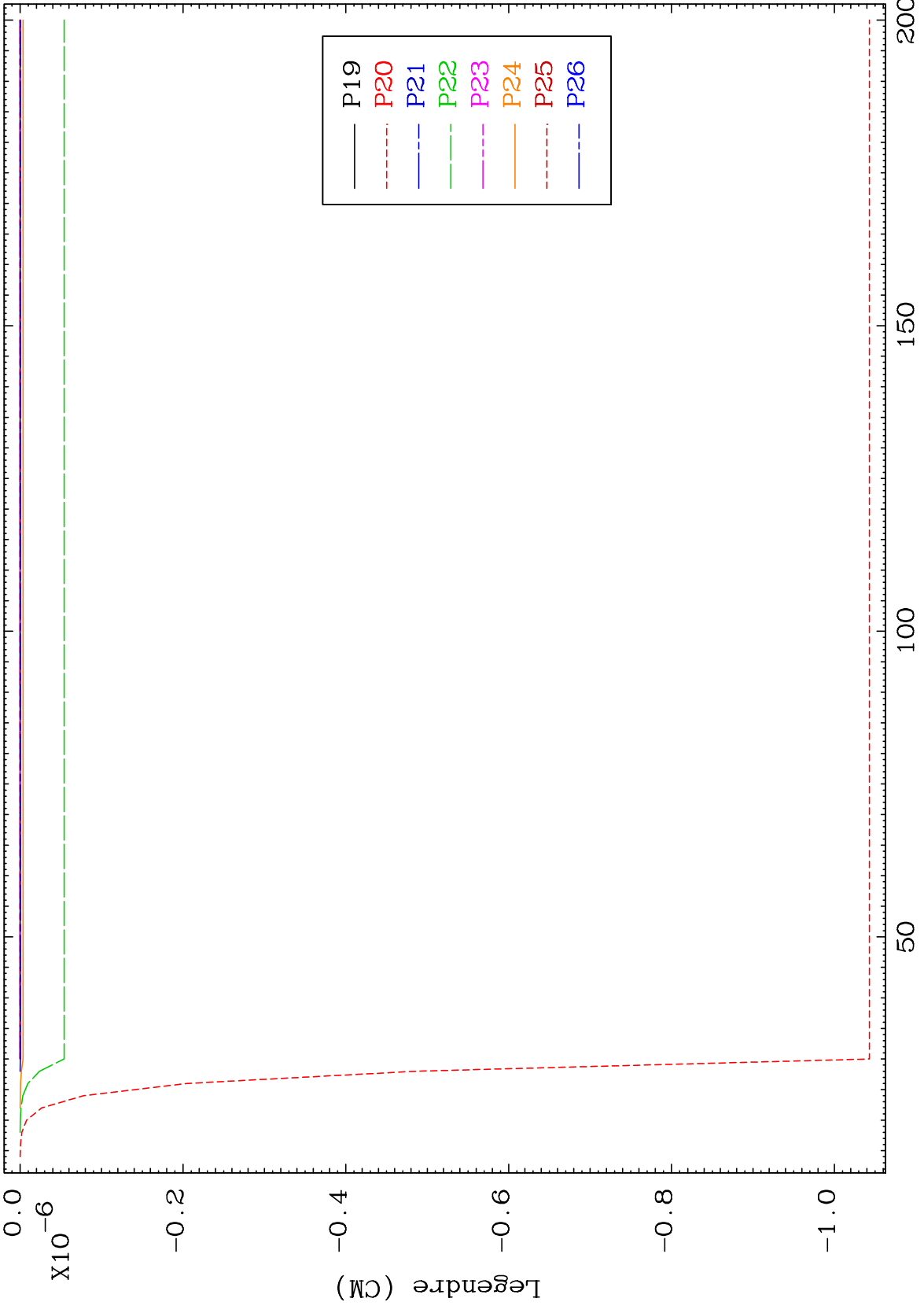


MAT 5240 MT= 60 (n,n') Level Legendre Coefficients 52-Te-125

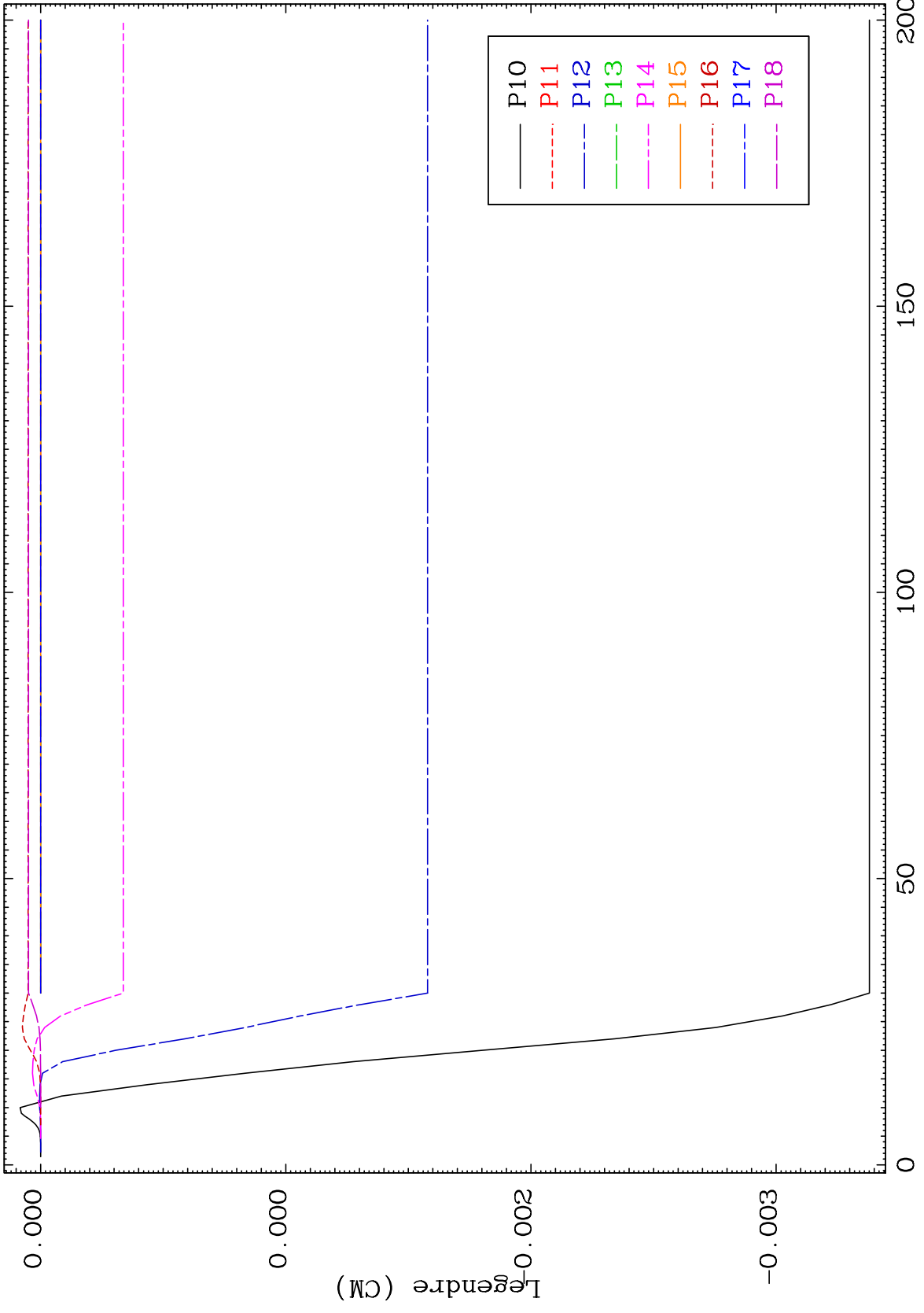


48 52-Te-125

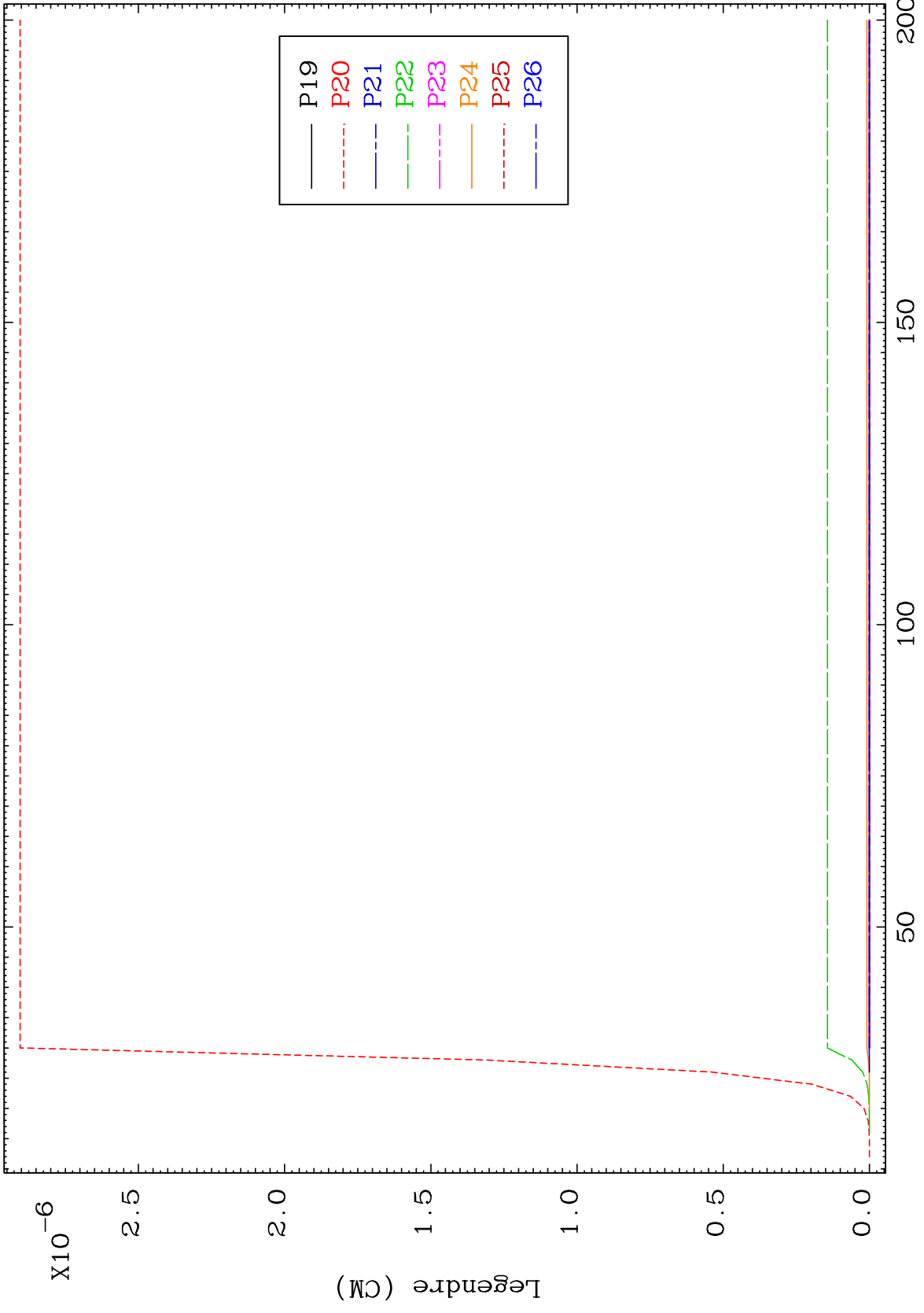
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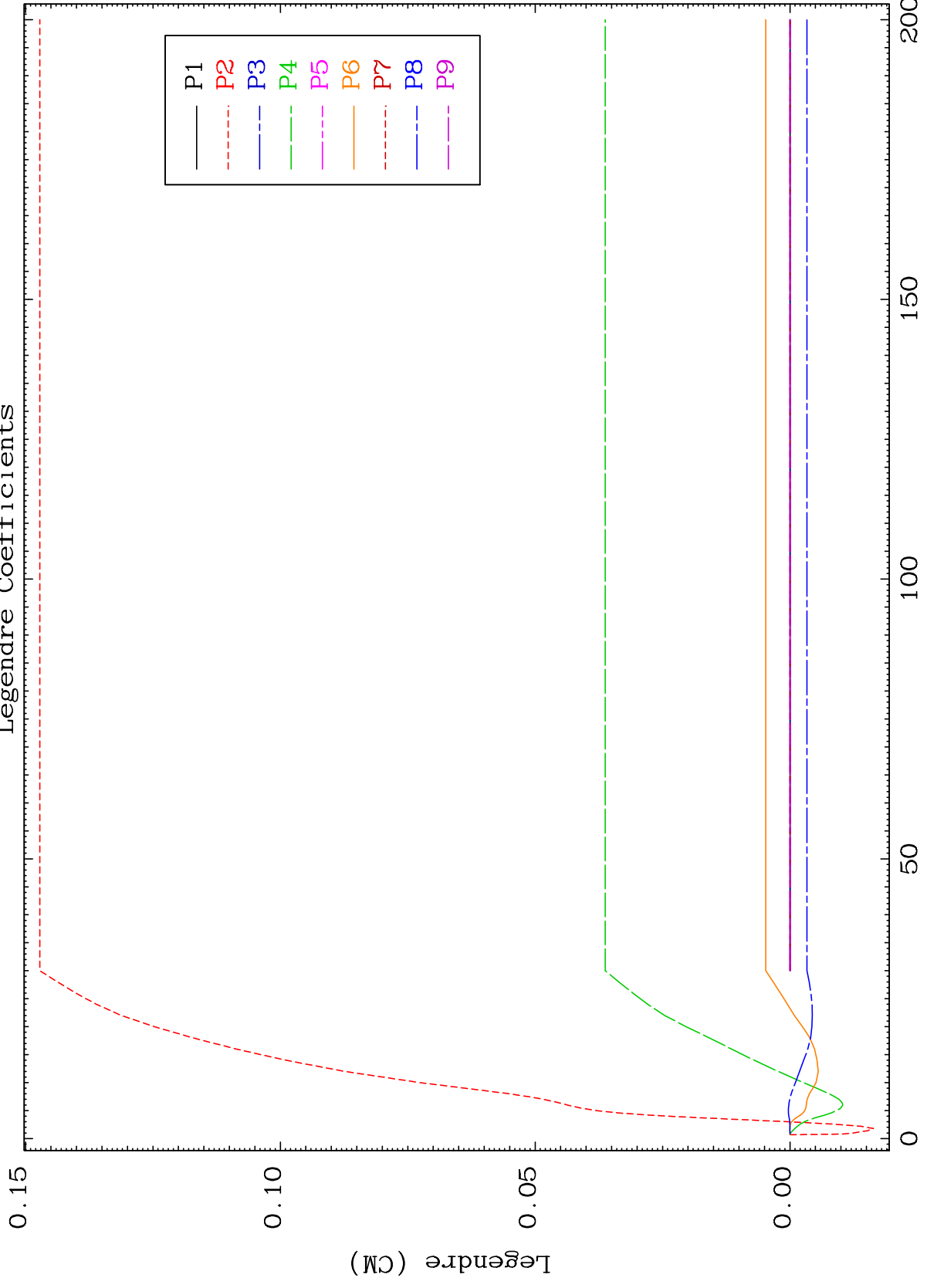


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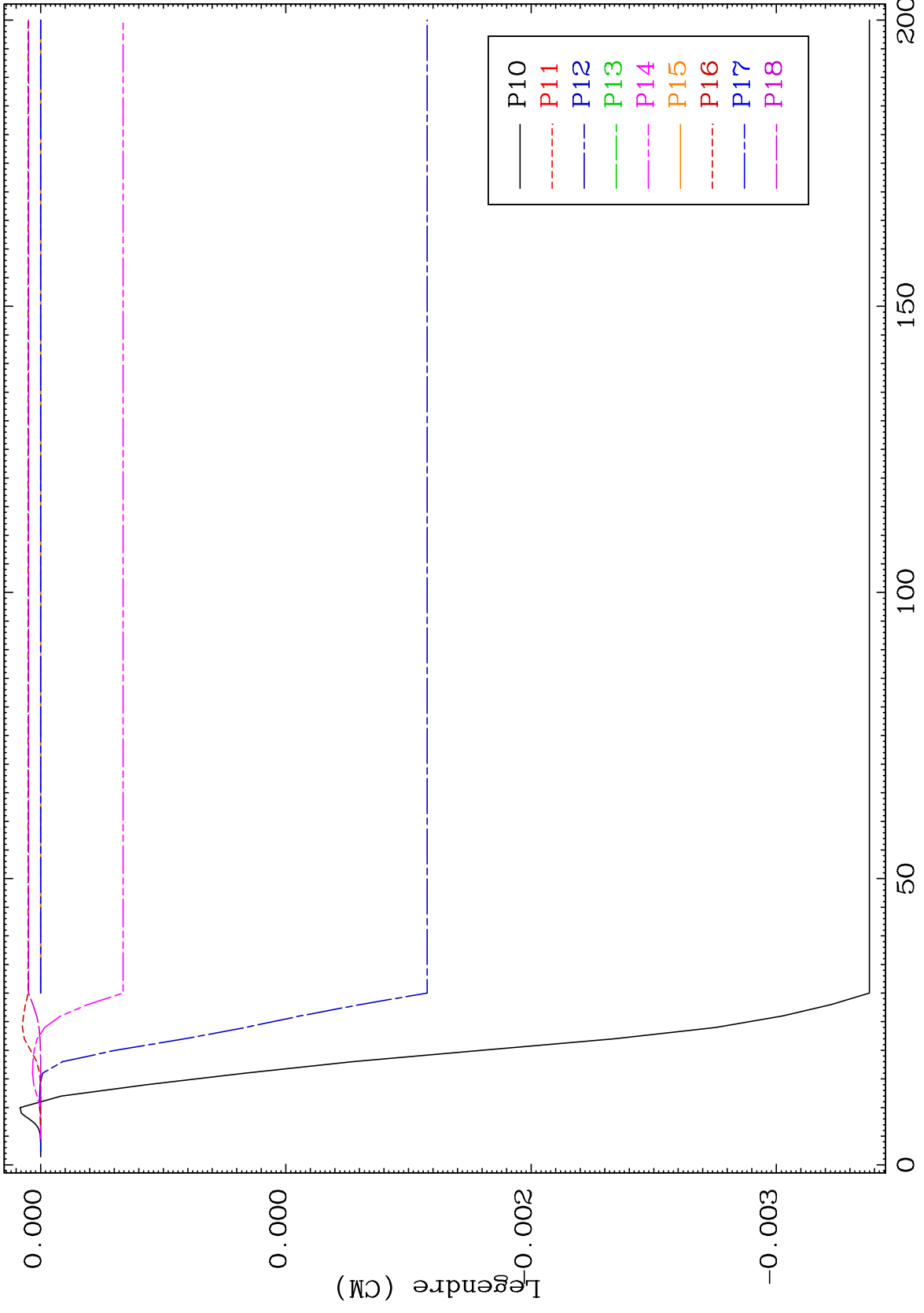


52-Te-125

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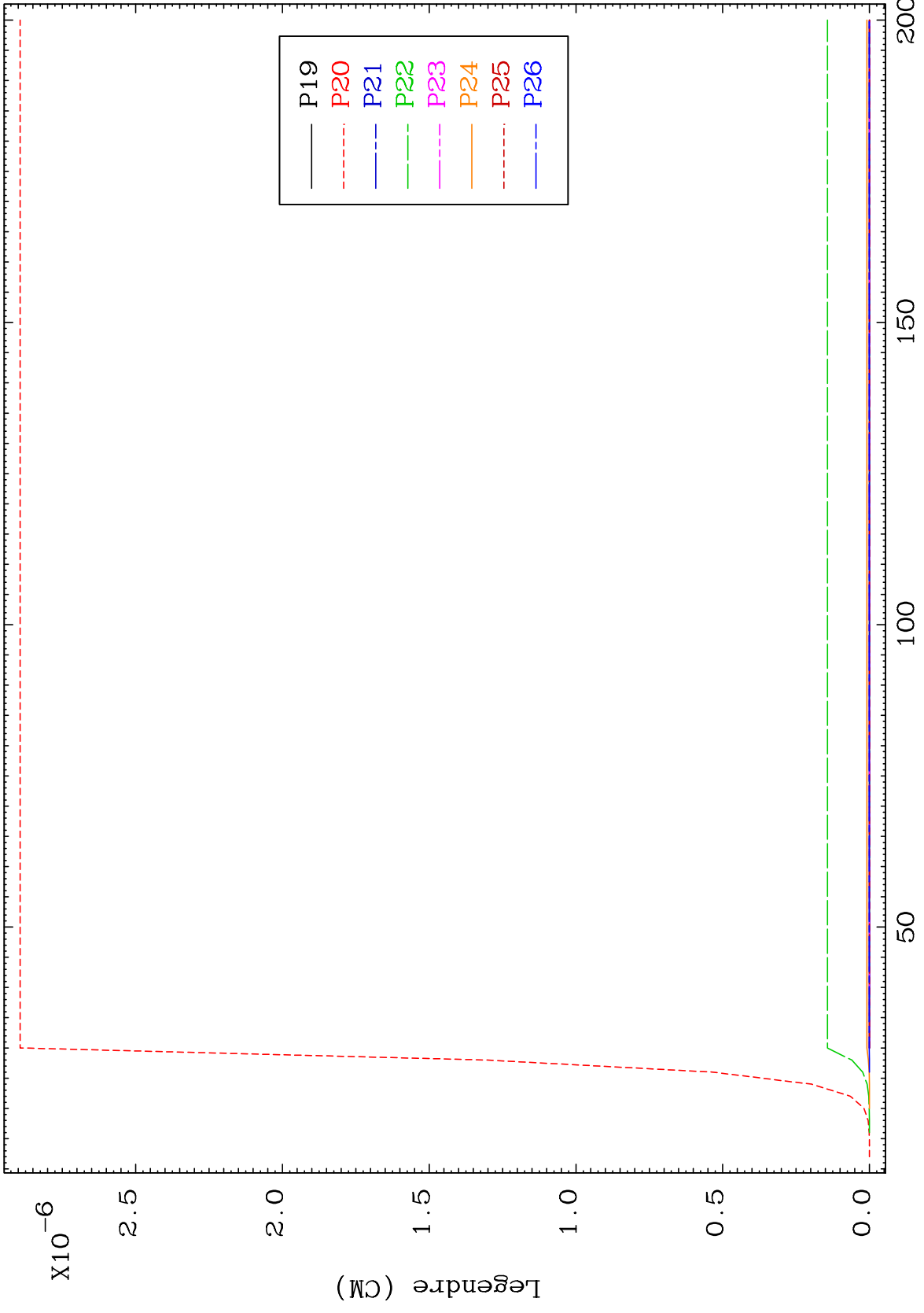


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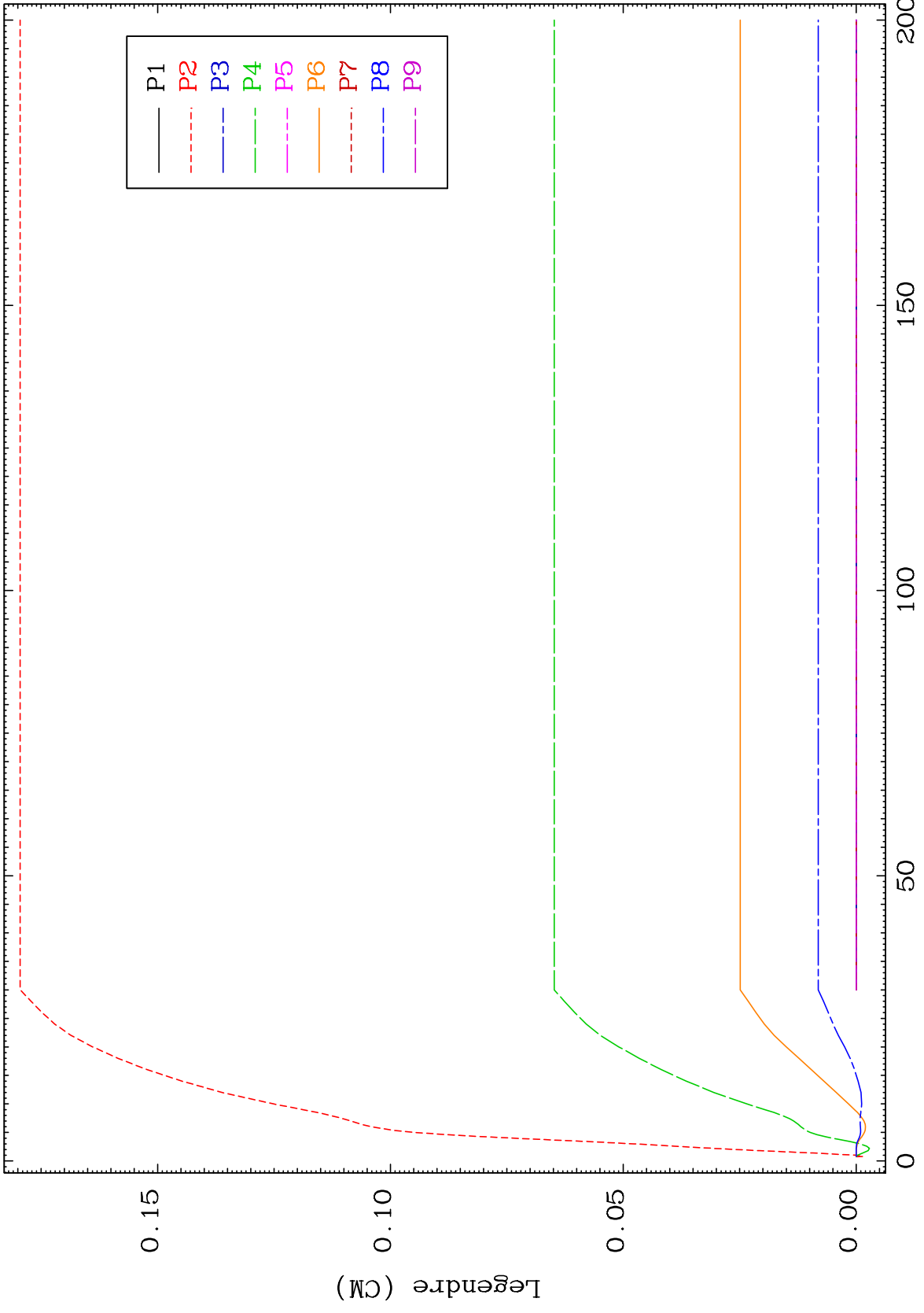
54 52-Te-125

MAT 5240 MT= 62 (n,n') Level Legendre Coefficients 52-Te-125



52-Te-125

MAT 5240 MT= 63 (n,n') Level Legendre Coefficients 52-Te-125

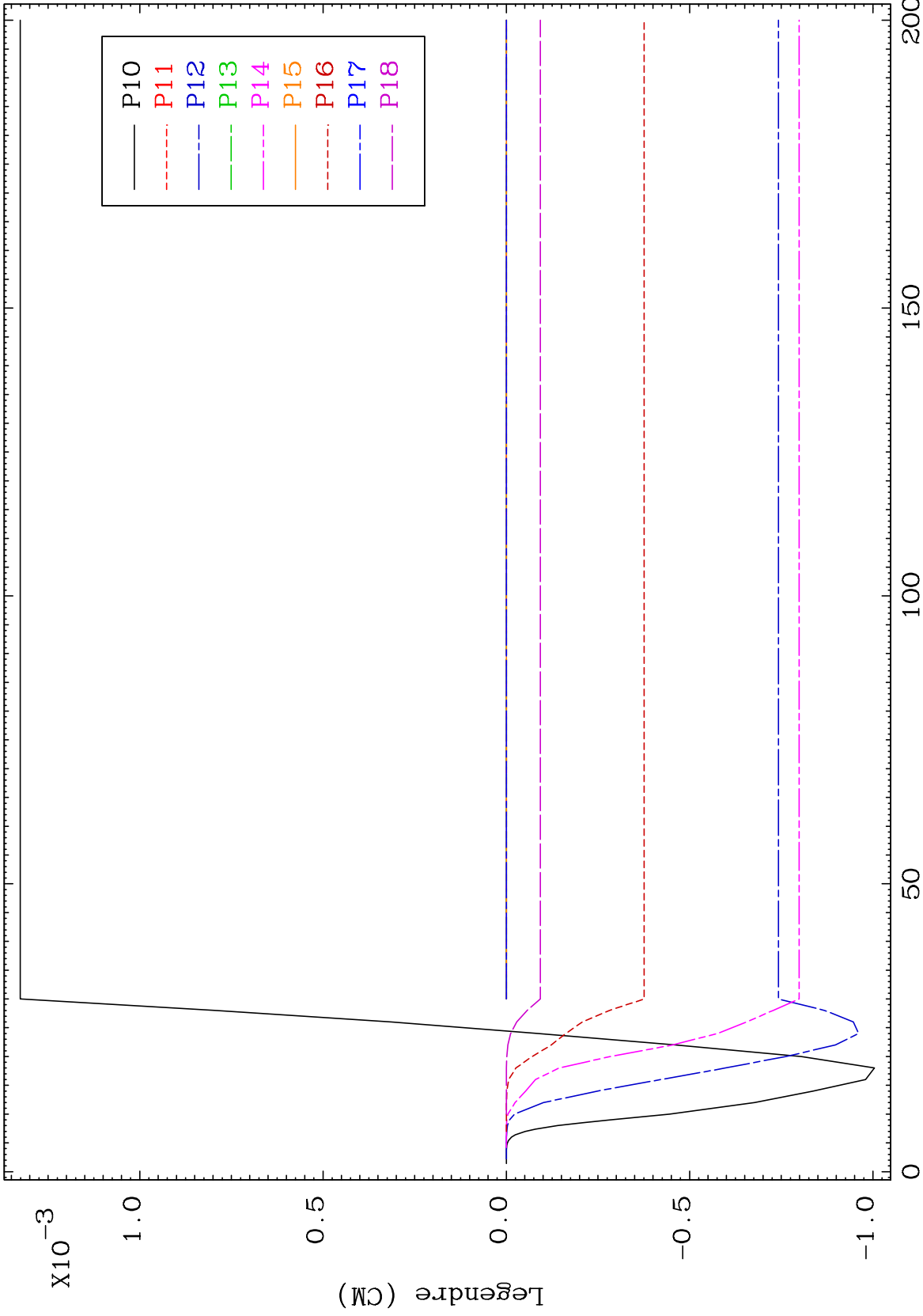


56 52-Te-125

MAT 5240

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

52-Te-125

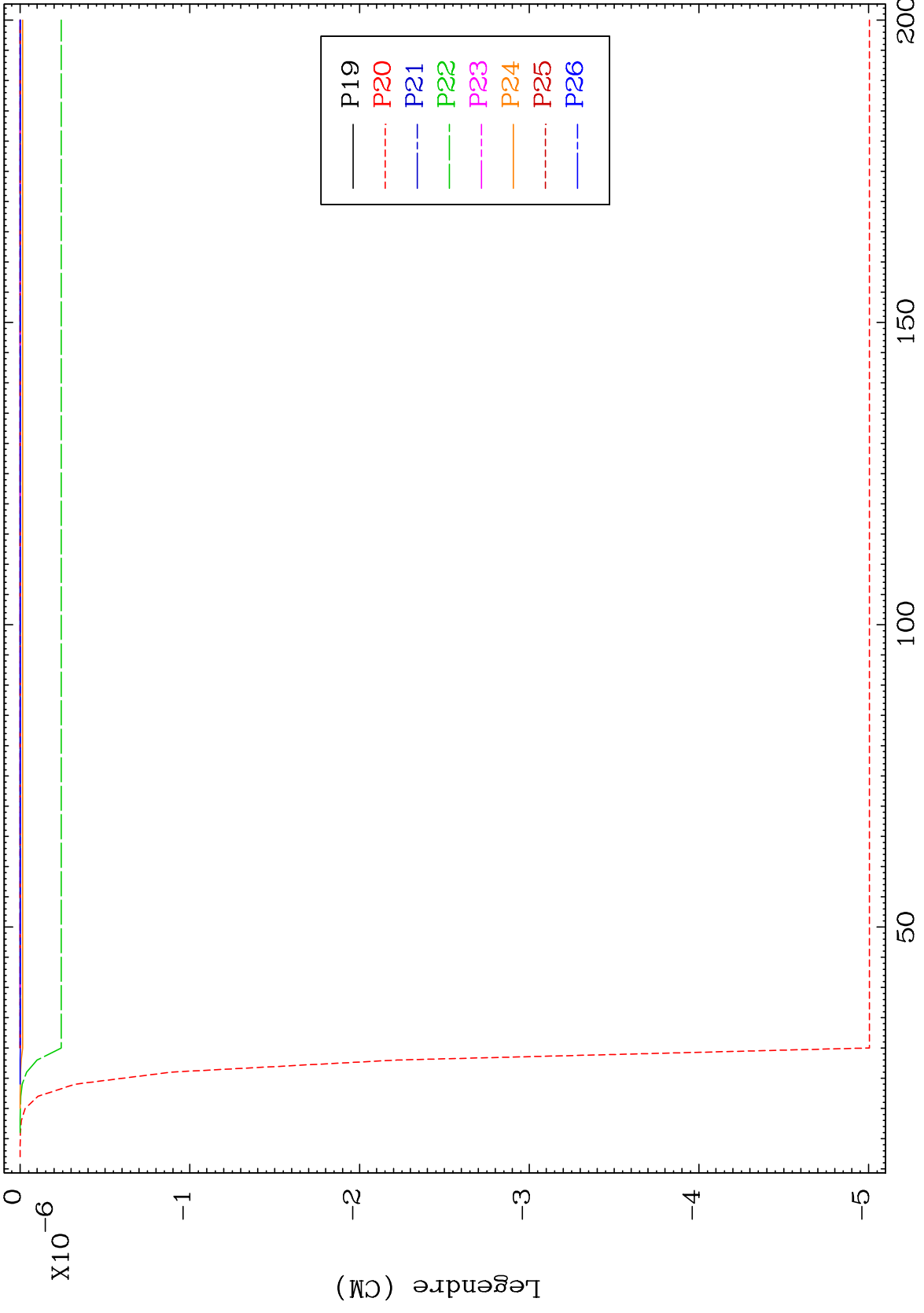


57

Incident Energy (MeV)

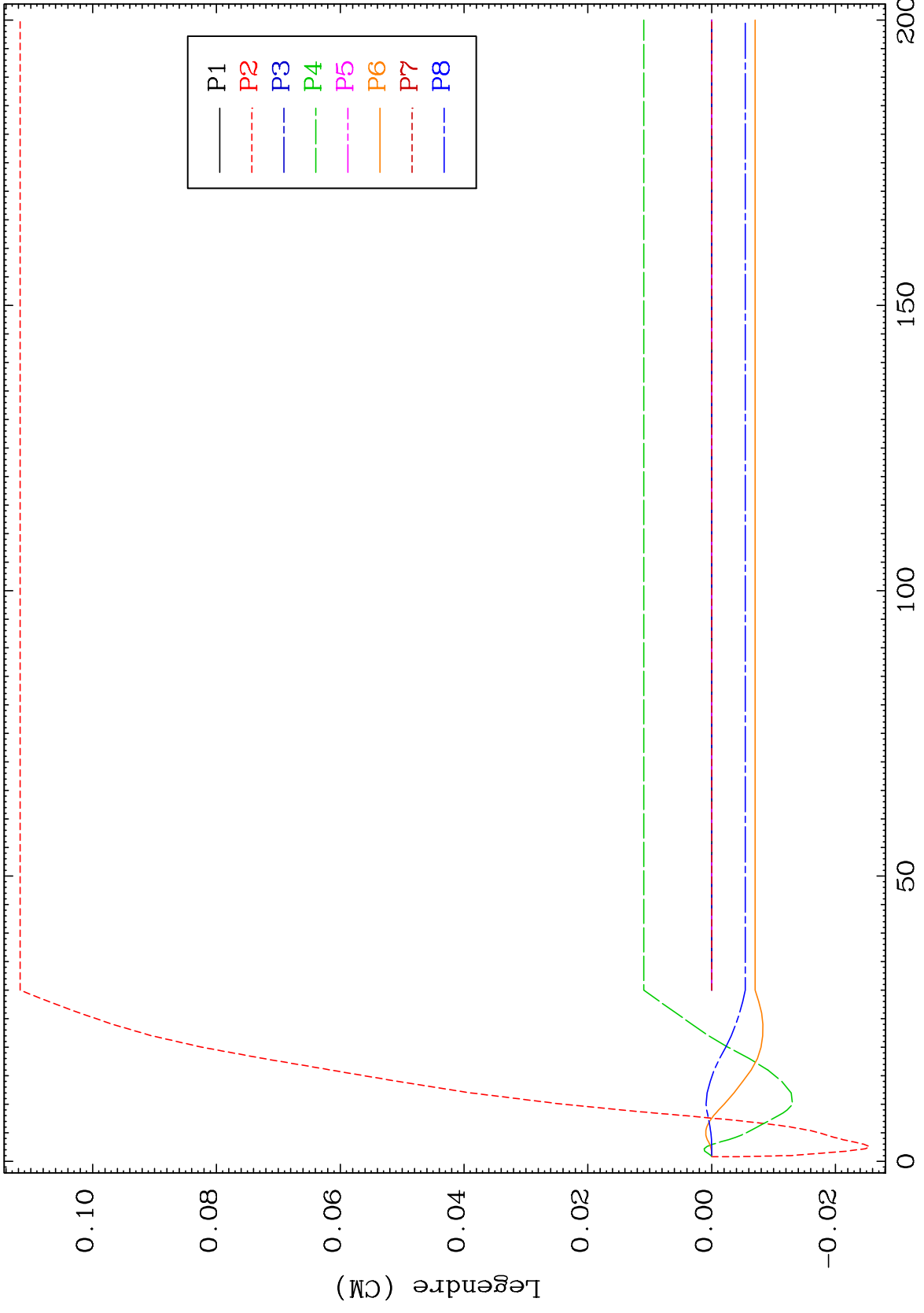
52-Te-125

MAT 5240 MT= 63 (n,n') Level Legendre Coefficients 52-Te-125



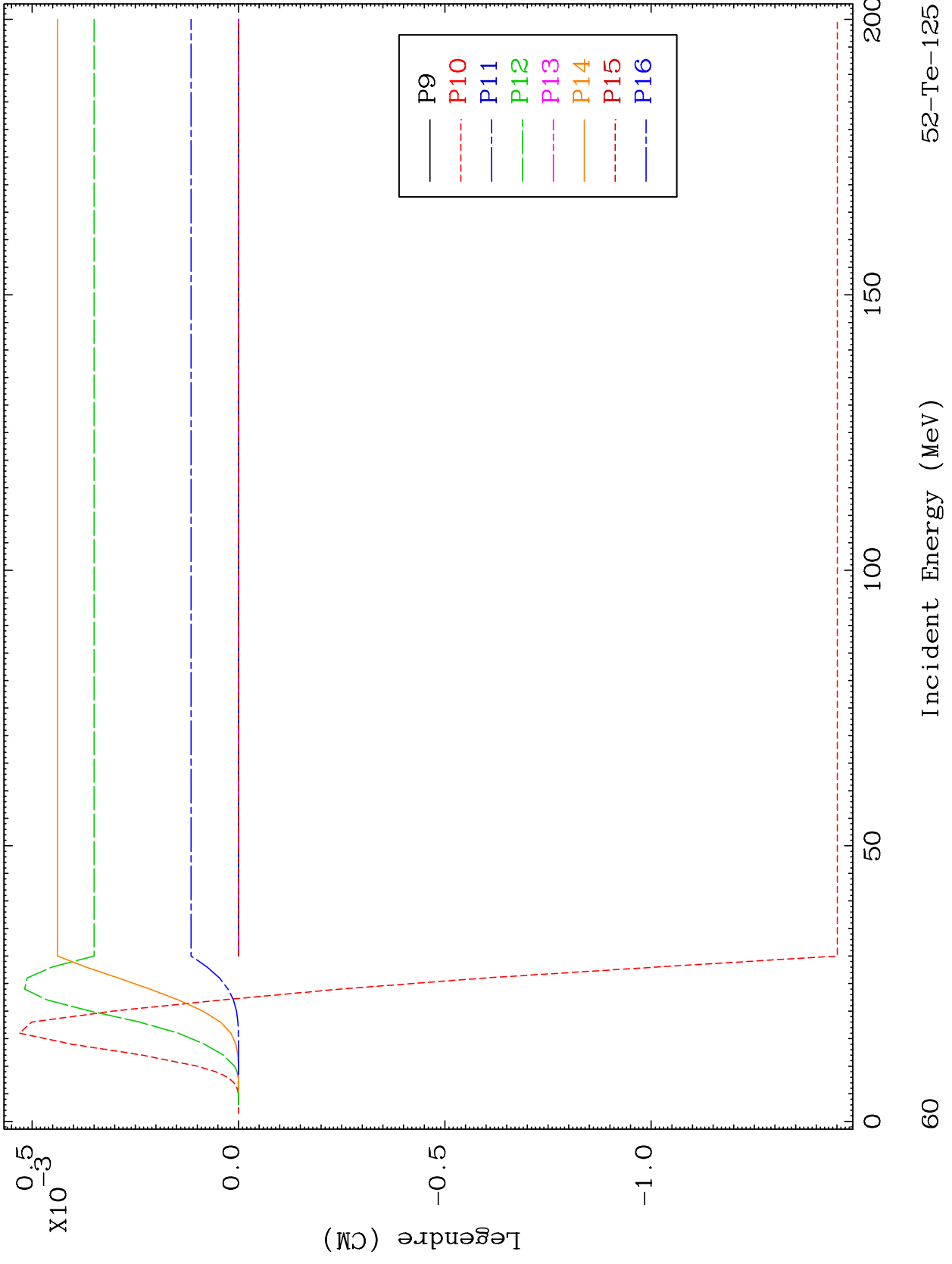
58 52-Te-125

MAT 5240 MT= 64 (n,n') Level Legendre Coefficients 52-Te-125

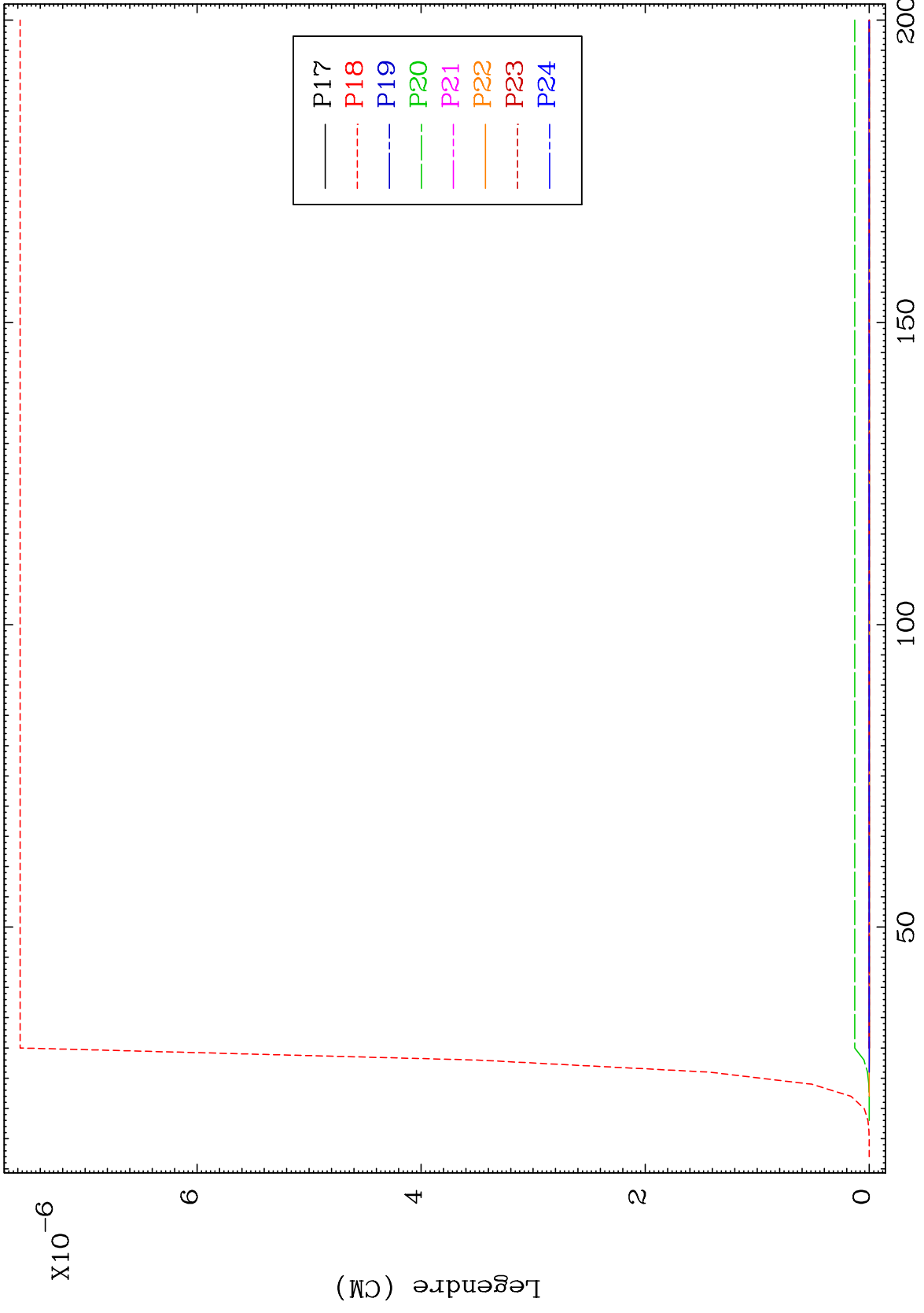


52-Te-125

MAT 5240 MT= 64 (n,n') Level Legendre Coefficients 52-Te-125

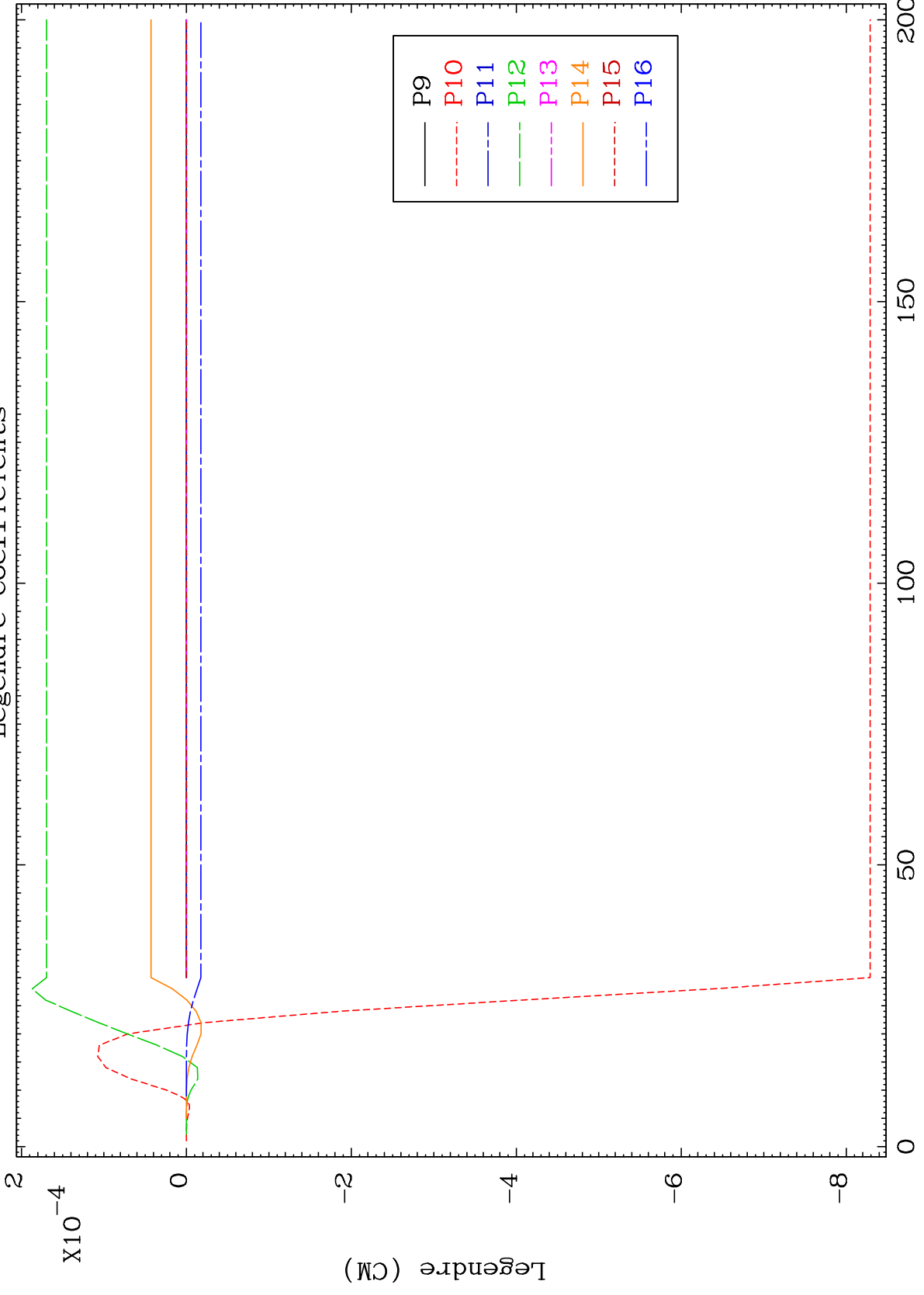


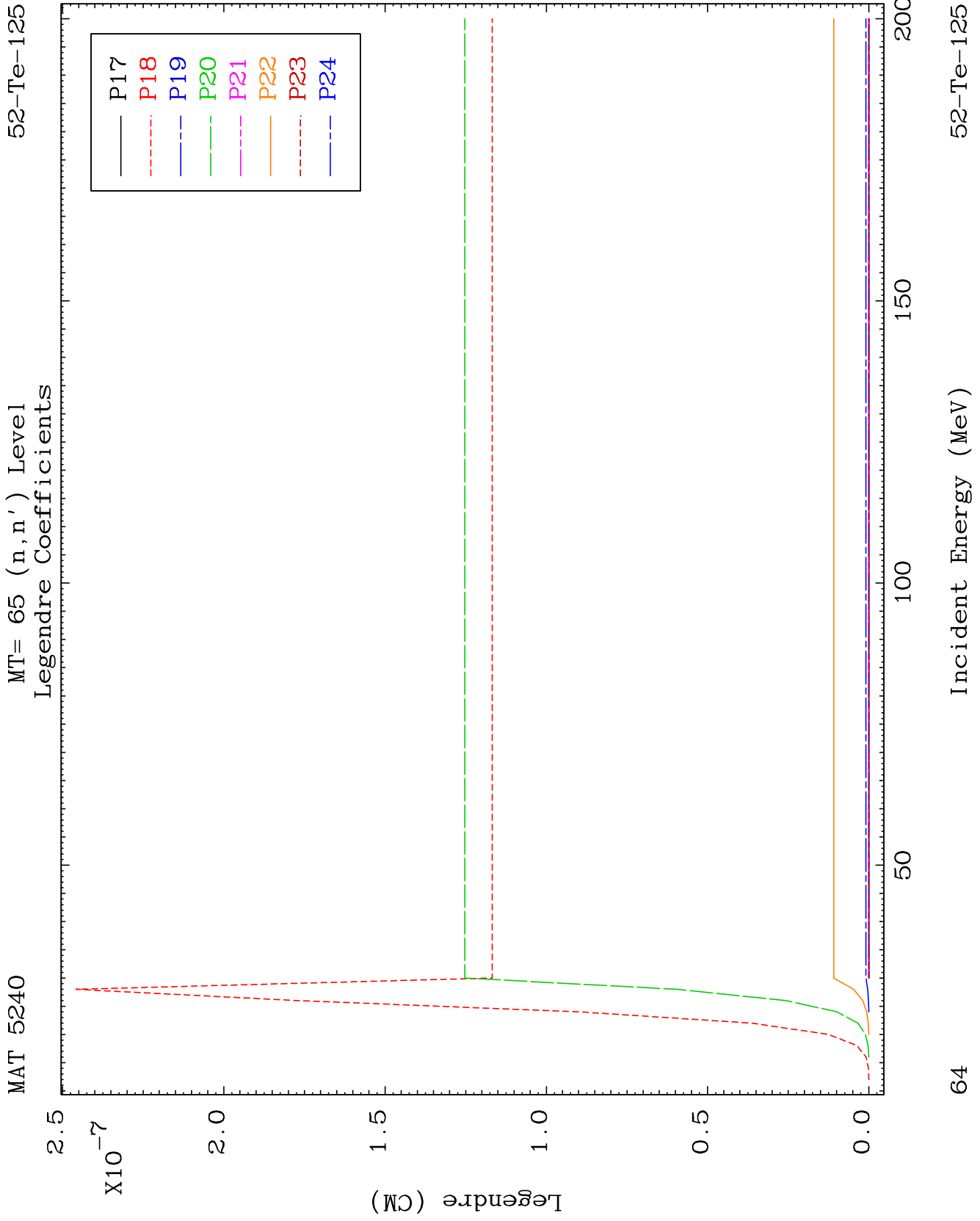
MAT 5240 MT= 64 (n,n') Level Legendre Coefficients 52-Te-125

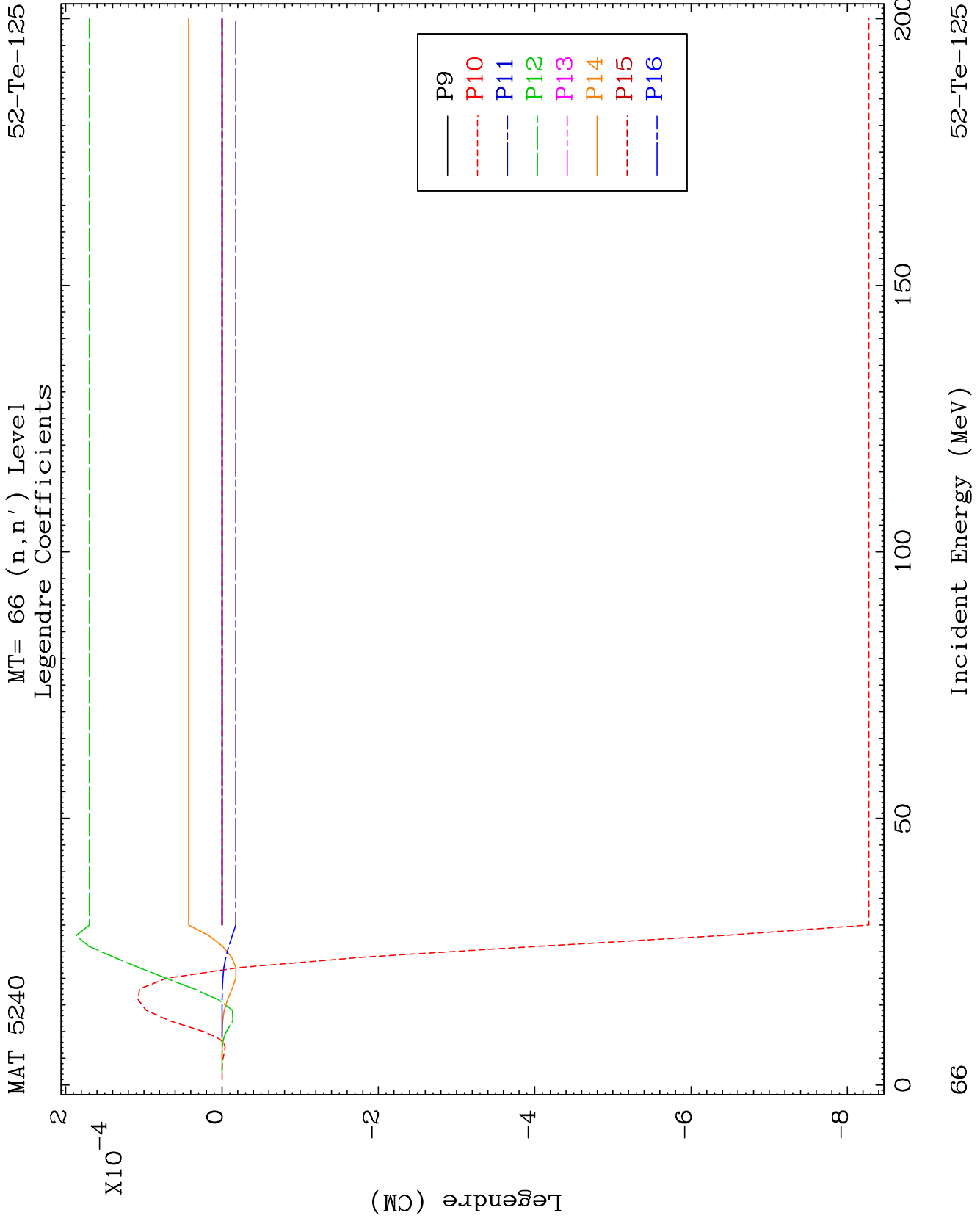


61 52-Te-125

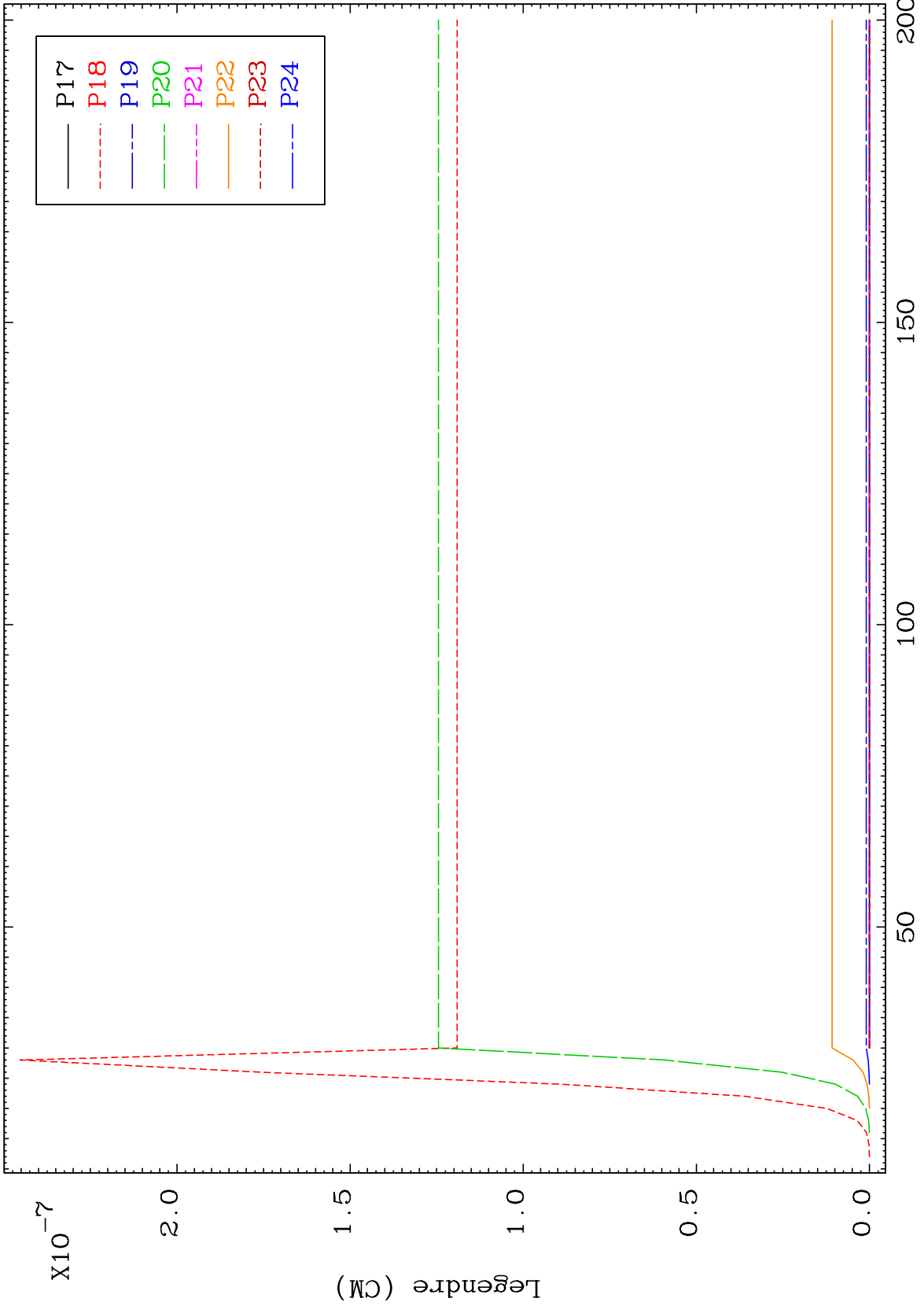
MAT 5240 MT= 65 (n,n') Level Legendre Coefficients 52-Te-125







MAT 5240 MT= 66 (n,n') Level Legendre Coefficients 52-Te-125

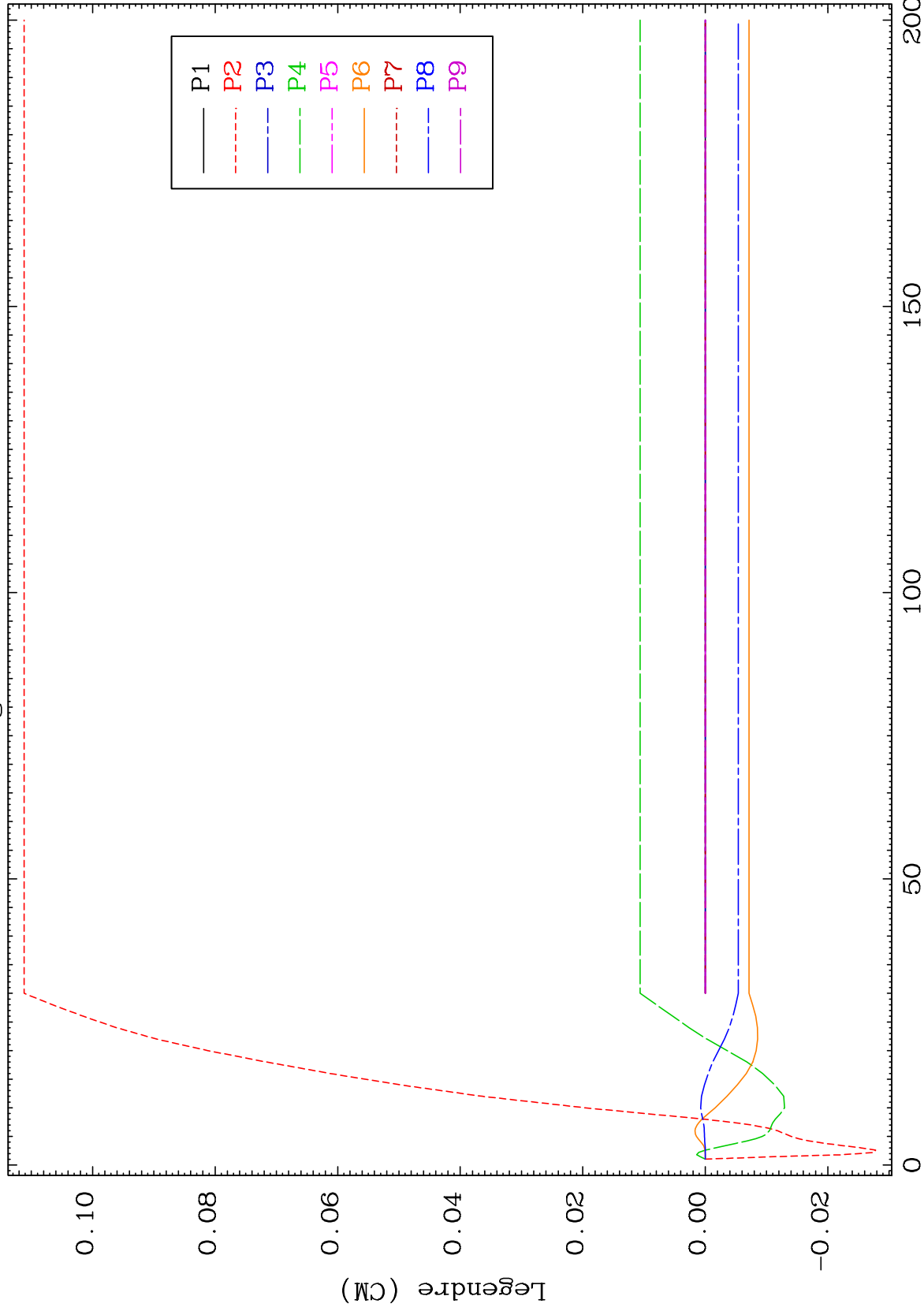


67 52-Te-125

MAT 5240

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

52-Te-125



68

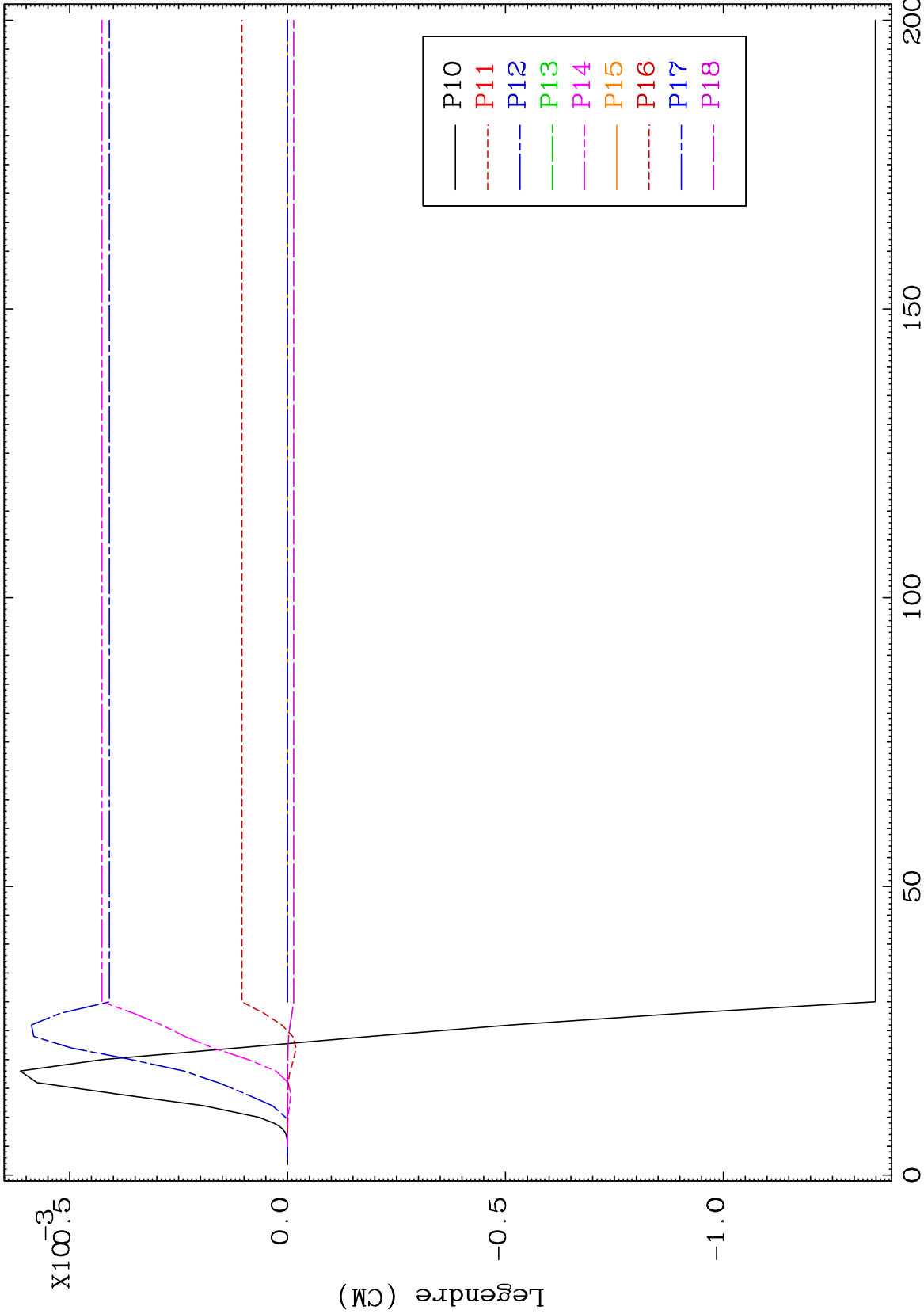
Incident Energy (MeV)

52-Te-125

MAT 5240

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

52-Te-125

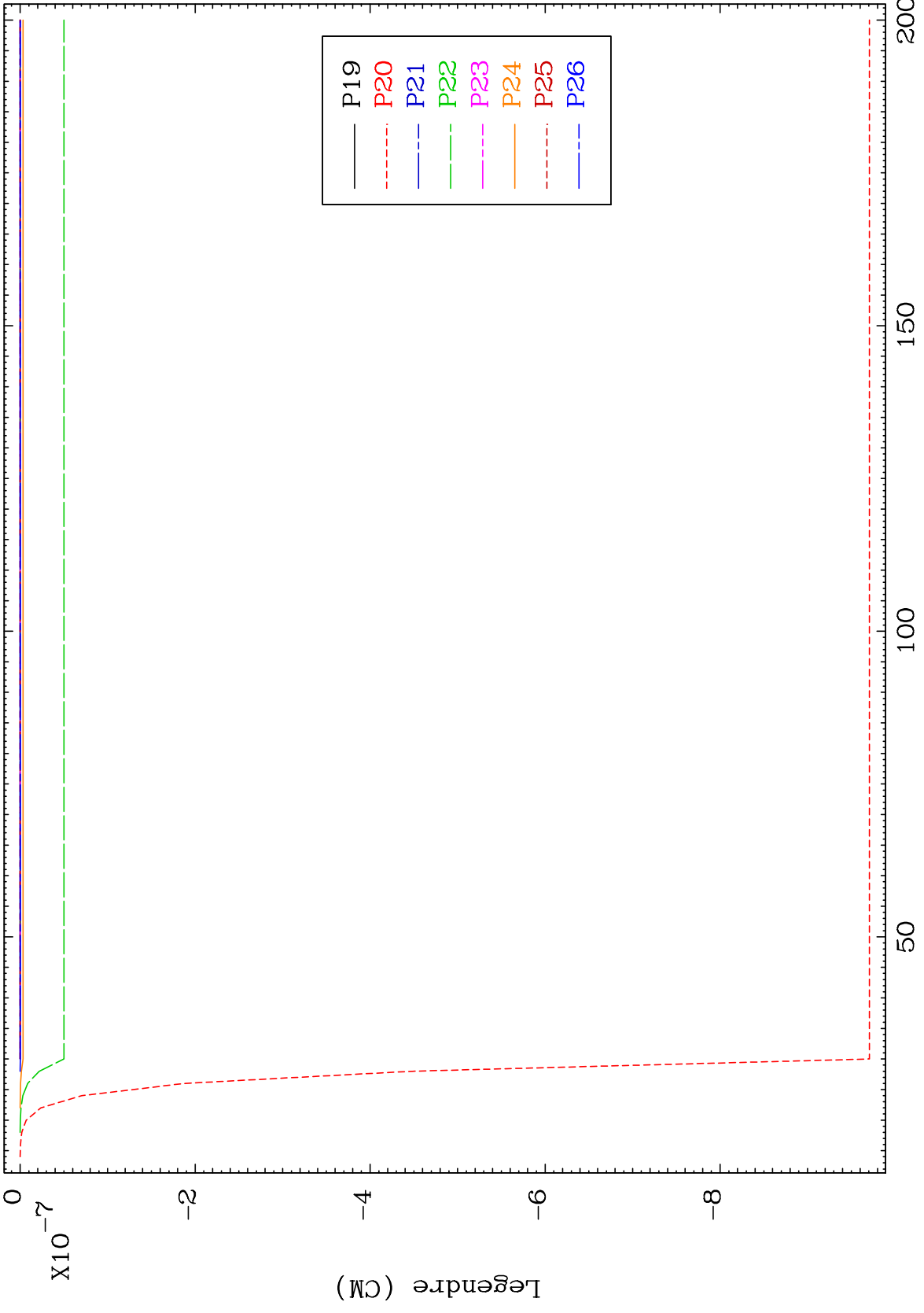


69

Incident Energy (MeV)

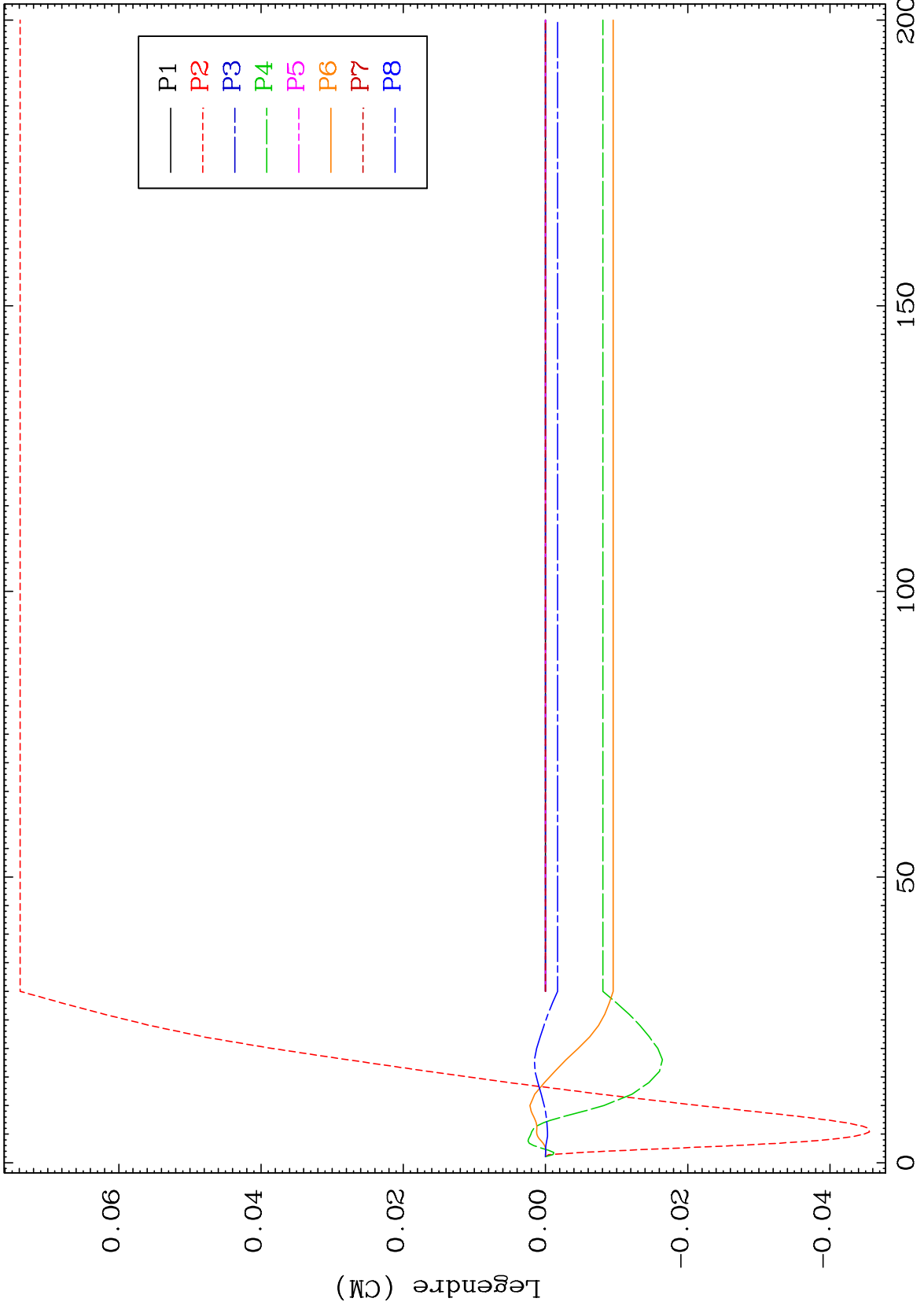
52-Te-125

MAT 5240 MT= 67 (n,n') Level Legendre Coefficients 52-Te-125



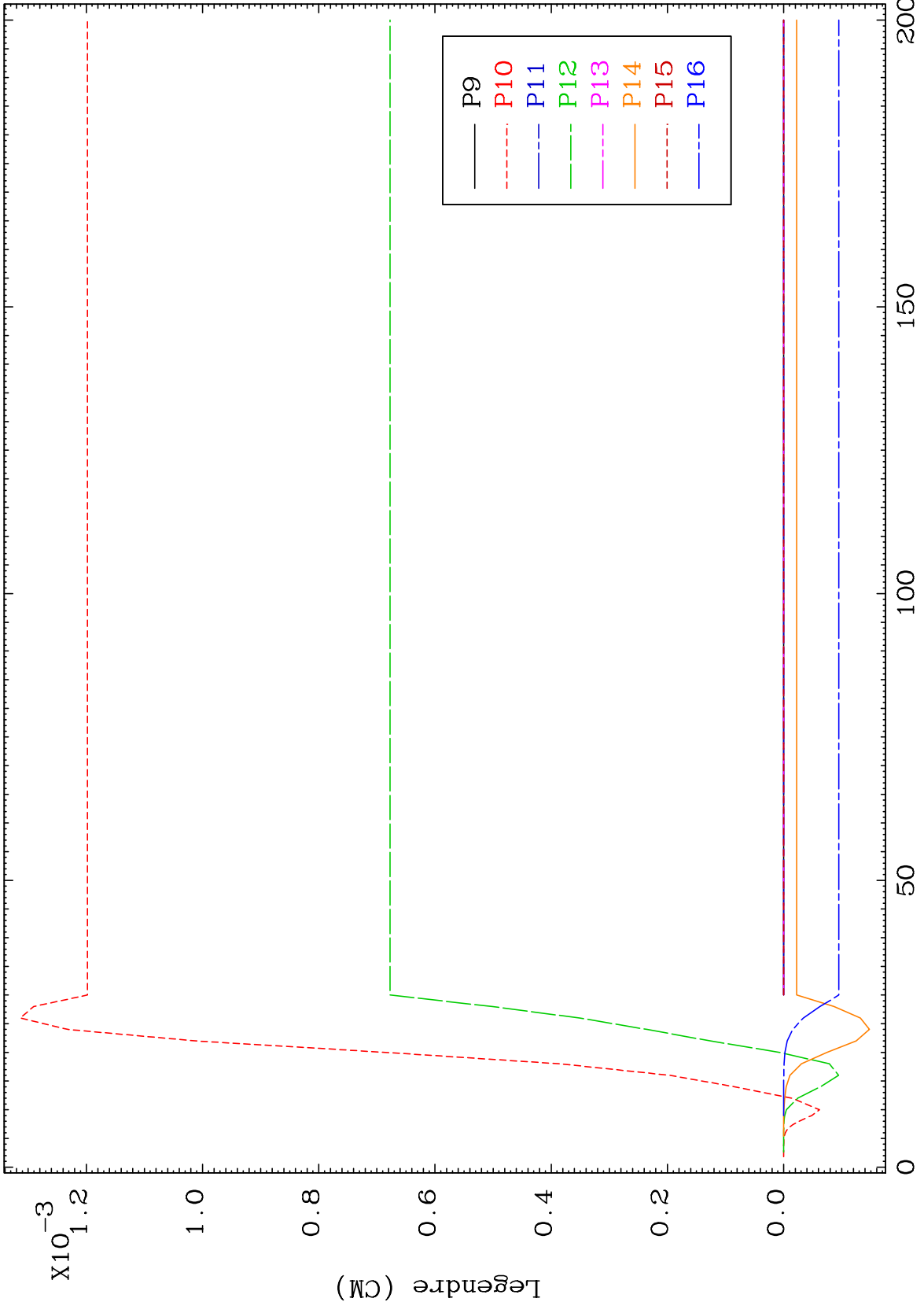
70 50 100 150 200 52-Te-125

MAT 5240 MT= 68 (n,n') Level Legendre Coefficients 52-Te-125



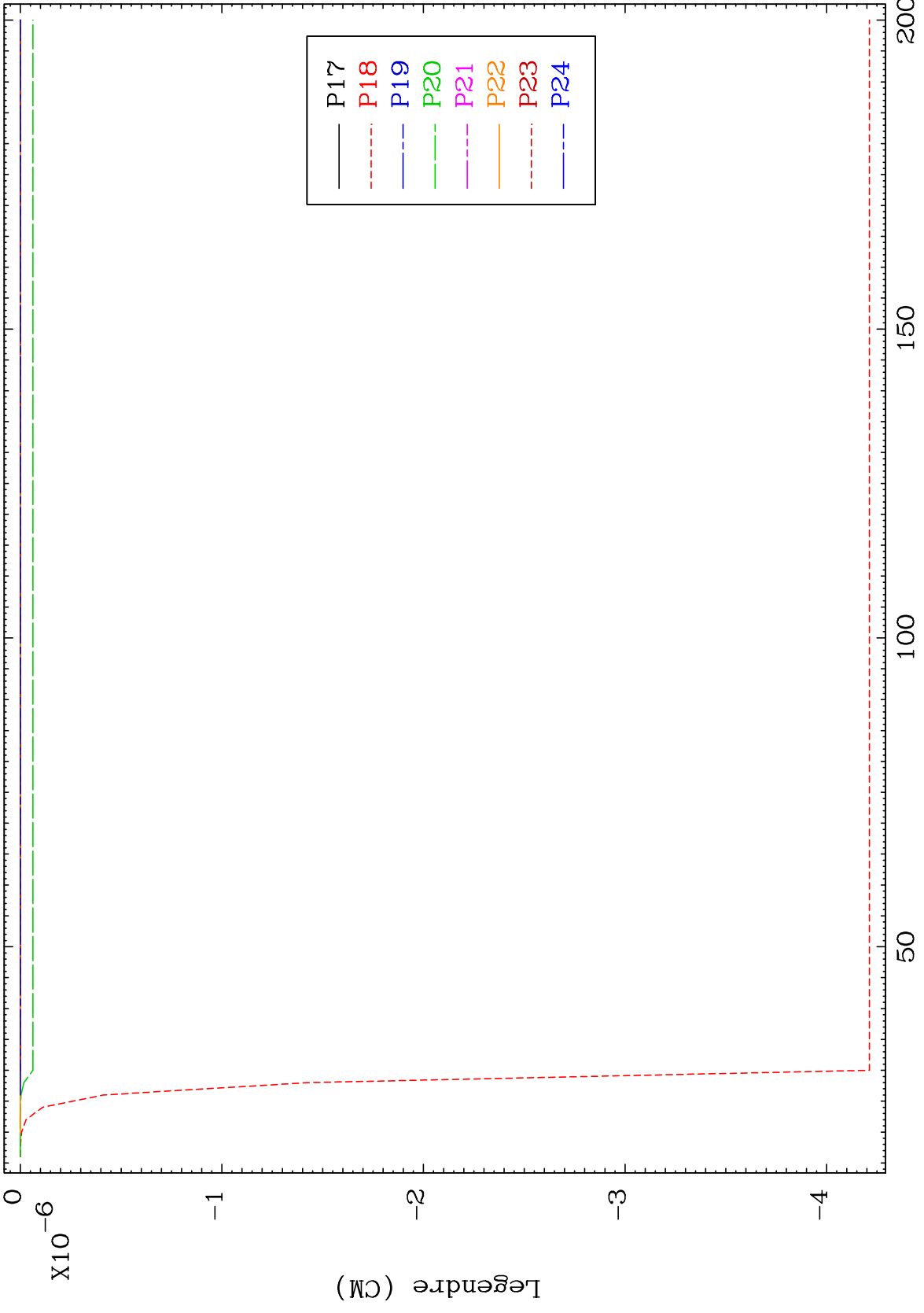
71 52-Te-125

MAT 5240 MT= 68 (n,n') Level Legendre Coefficients 52-Te-125



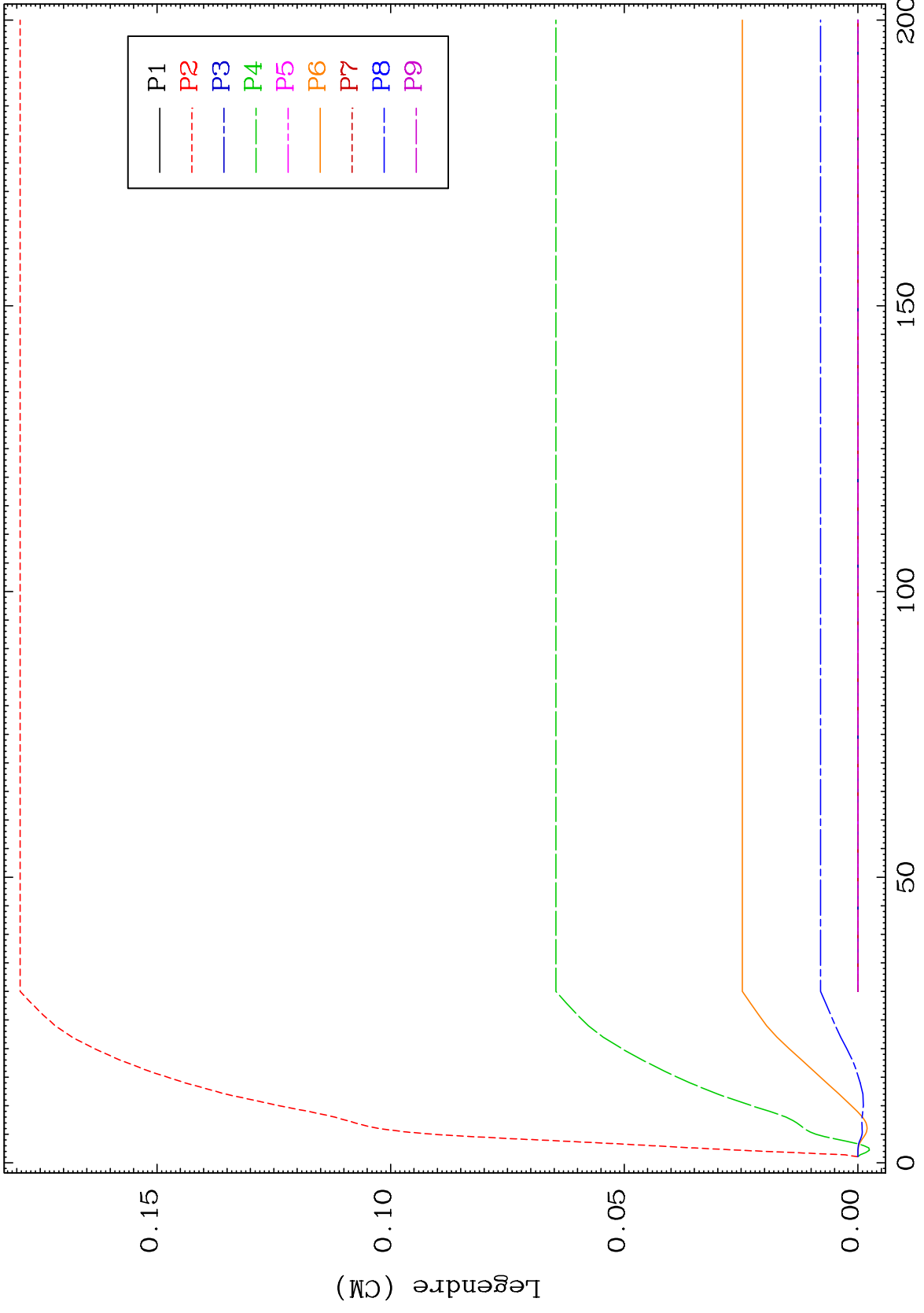
72 52-Te-125

MAT 5240 MT= 68 (n,n') Level Legendre Coefficients 52-Te-125



73 52-Te-125

MAT 5240 MT= 69 (n,n') Level Legendre Coefficients 52-Te-125

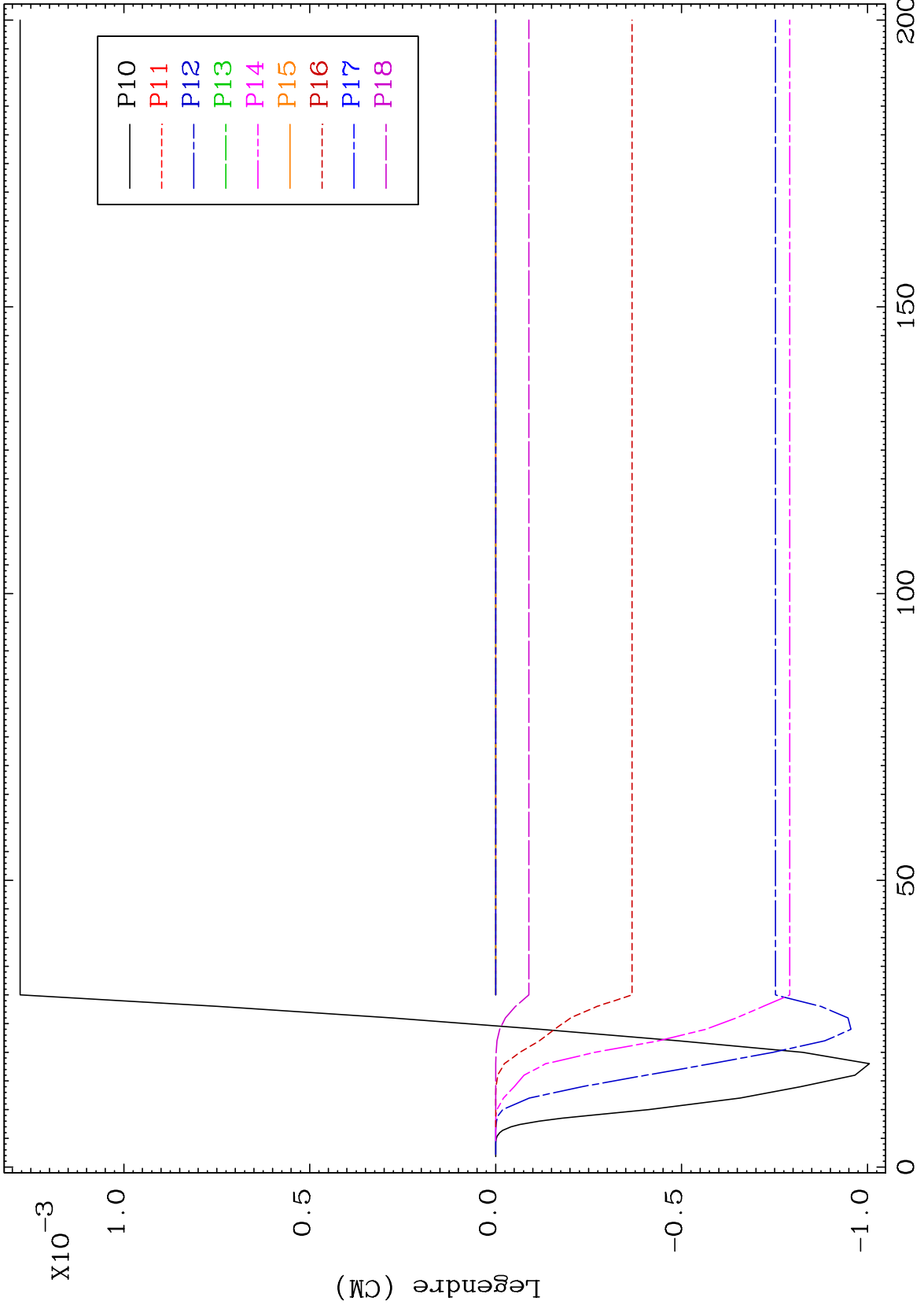


74 52-Te-125

MAT 5240

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

52-Te-125

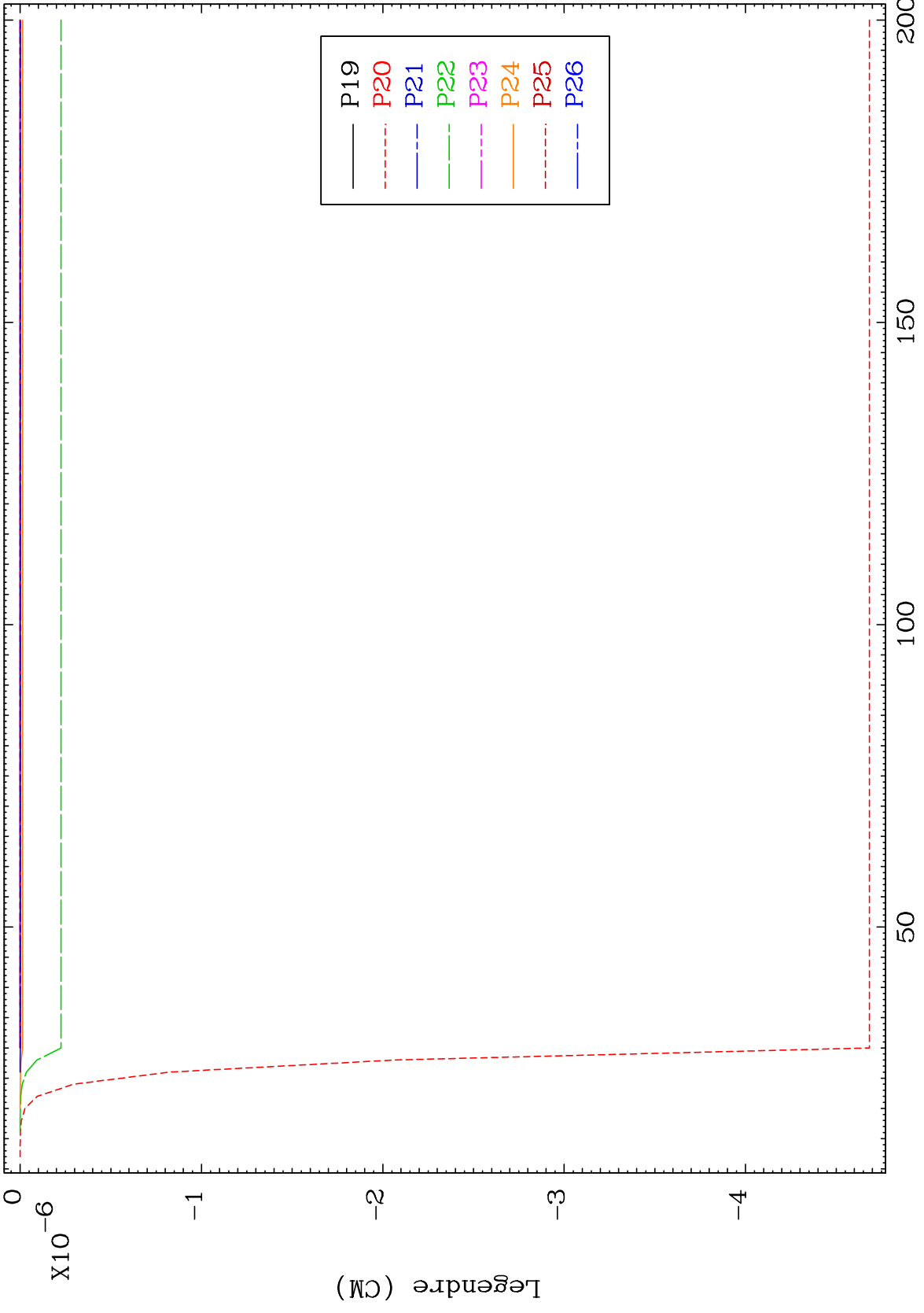


75

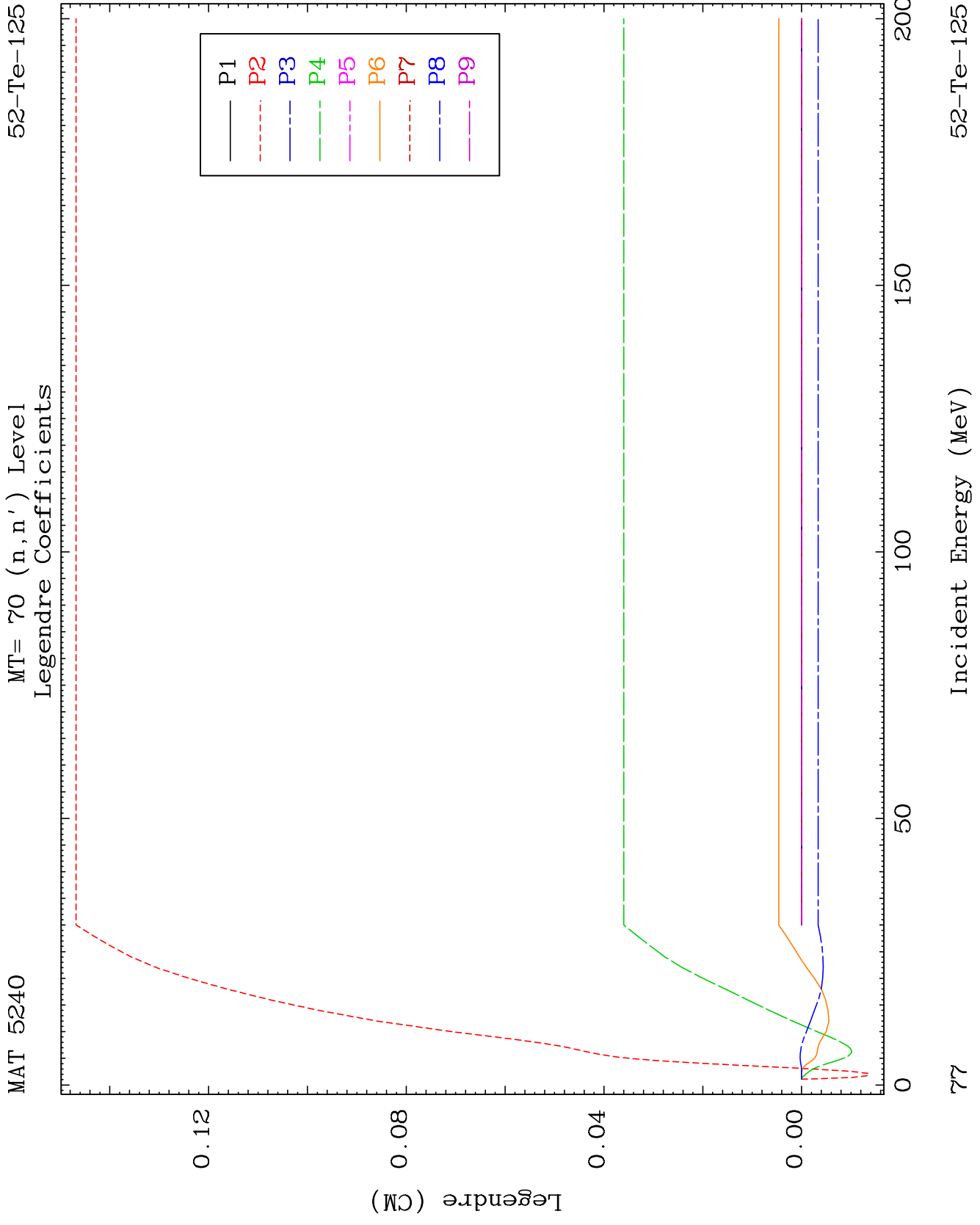
Incident Energy (MeV)

52-Te-125

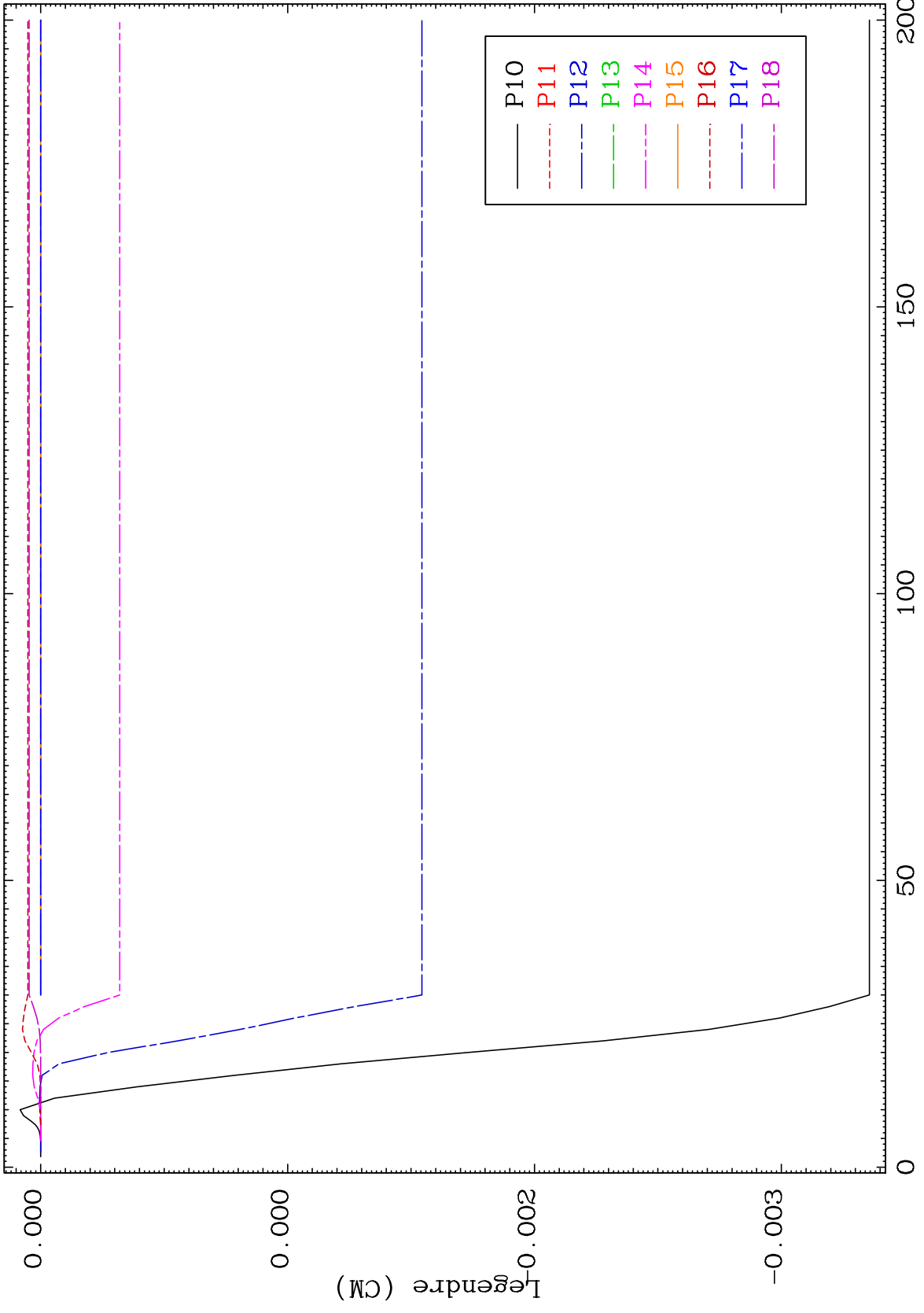
MAT 5240 MT= 69 (n,n') Level Legendre Coefficients 52-Te-125



76 52-Te-125

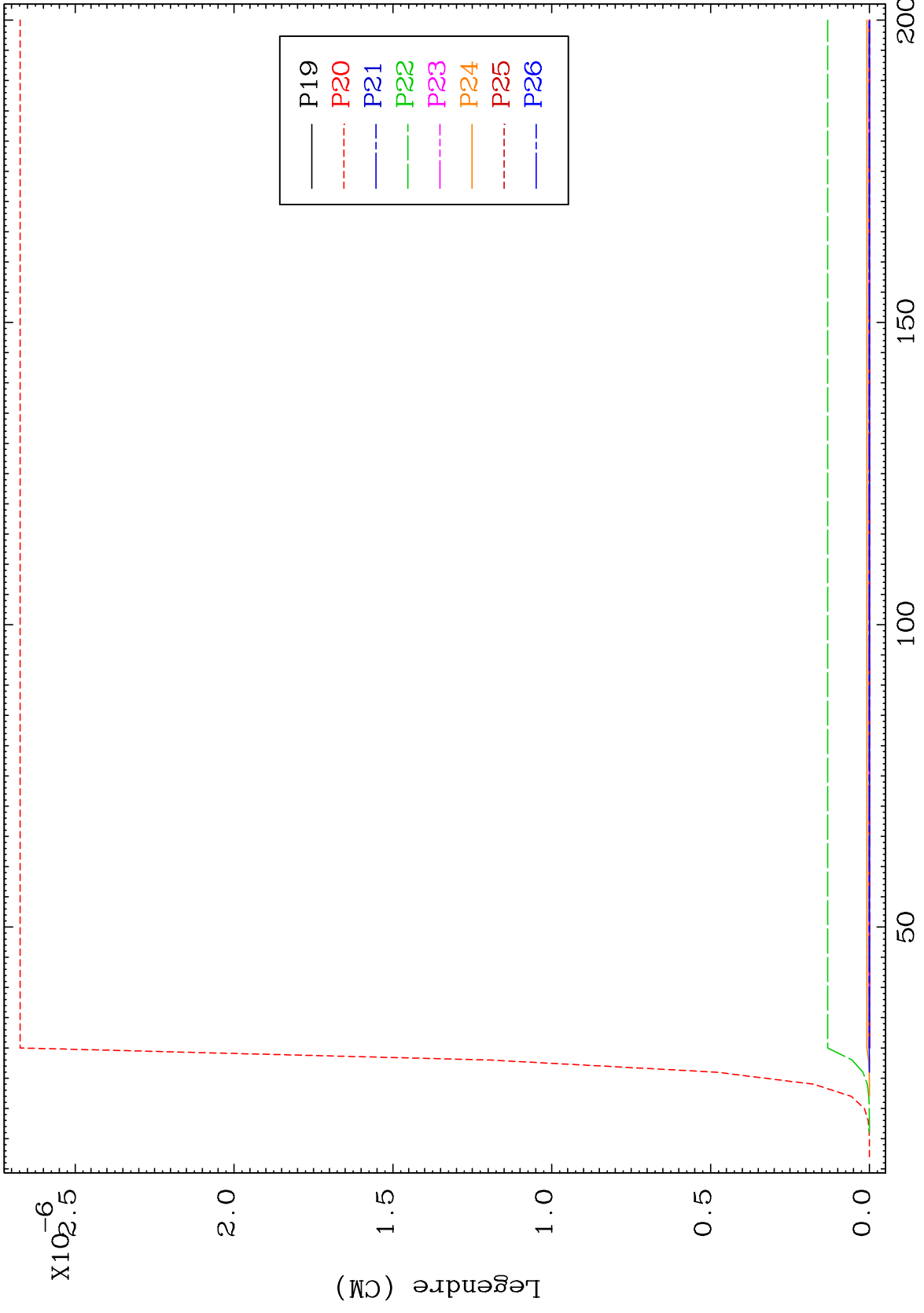


MAT 5240 MT= 70 (n,n') Level Legendre Coefficients 52-Te-125



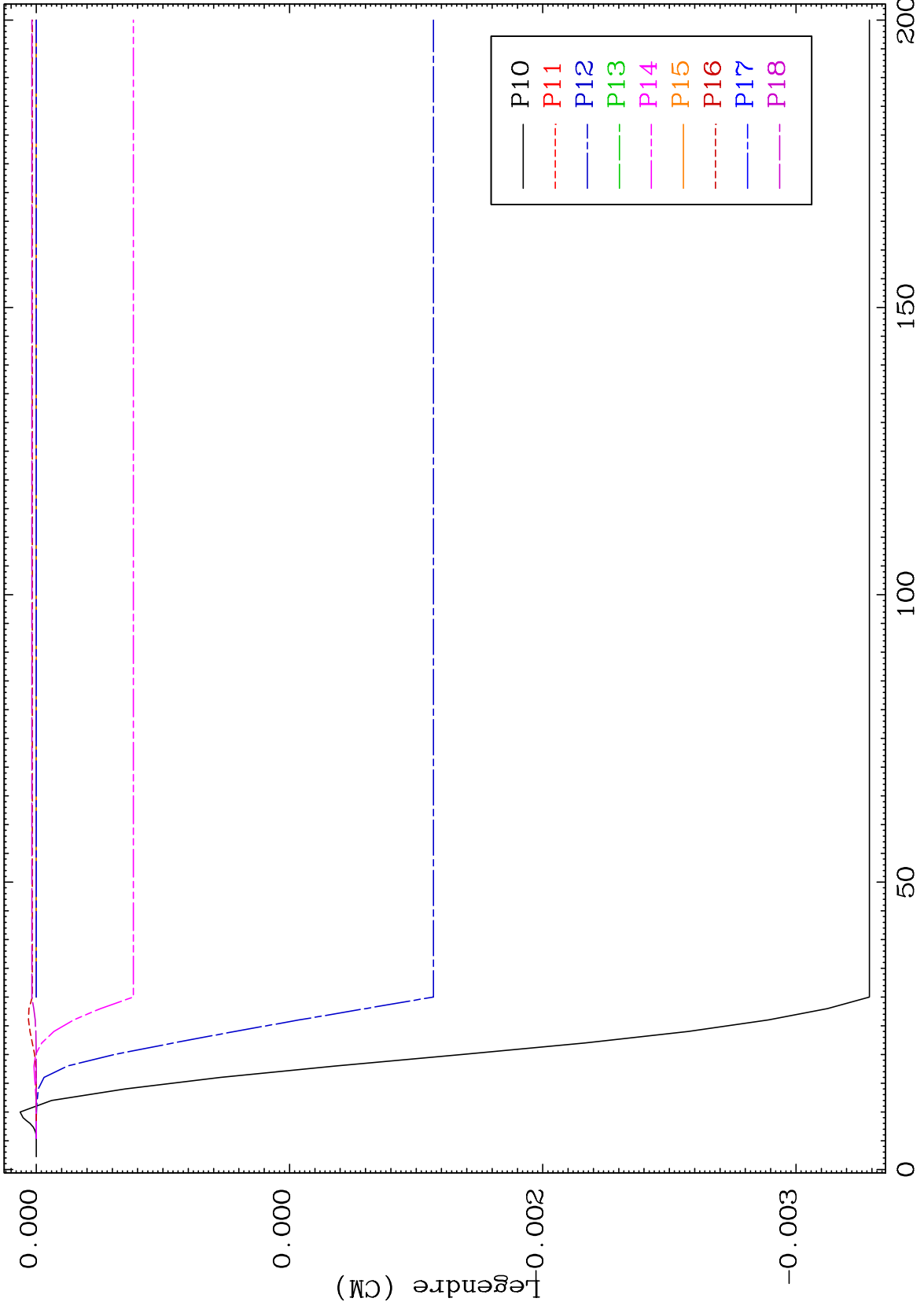
78 52-Te-125

MAT 5240 MT= 70 (n,n') Level Legendre Coefficients 52-Te-125



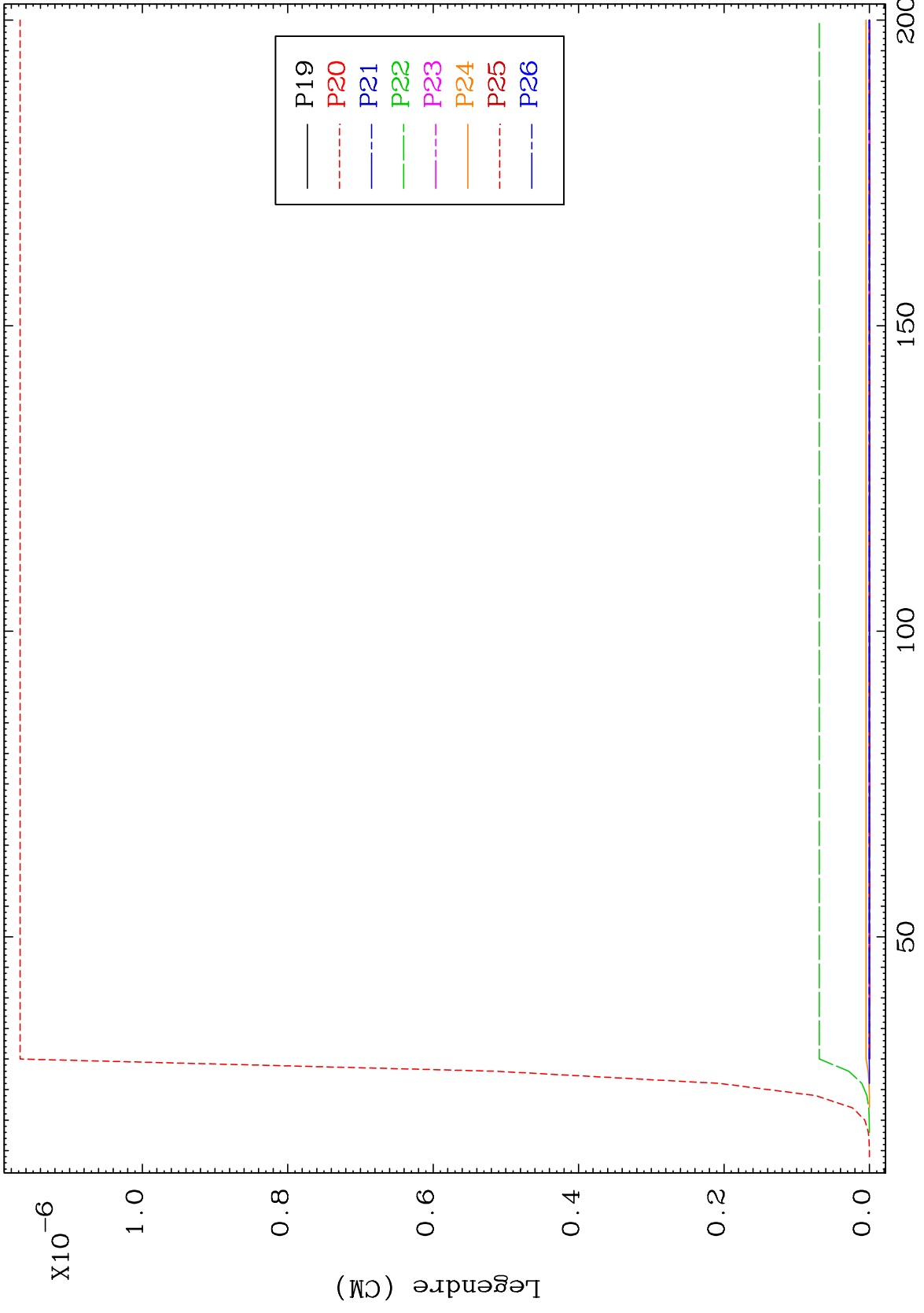
79 52-Te-125

MAT 5240 MT= 71 (n,n') Level Legendre Coefficients 52-Te-125



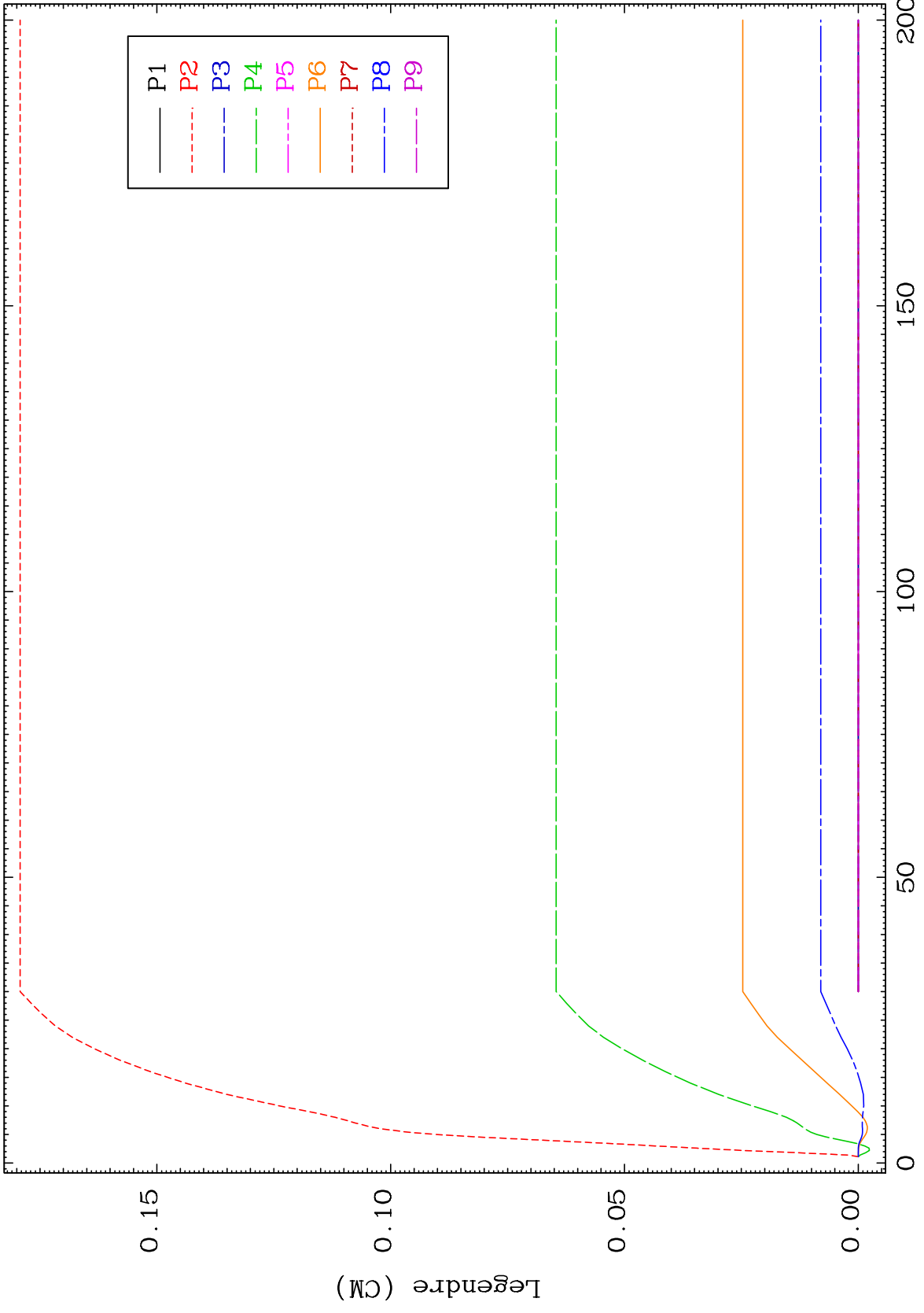
81 52-Te-125

MAT 5240 MT= 71 (n,n') Level Legendre Coefficients 52-Te-125



82 52-Te-125

MAT 5240 MT= 72 (n,n') Level Legendre Coefficients 52-Te-125

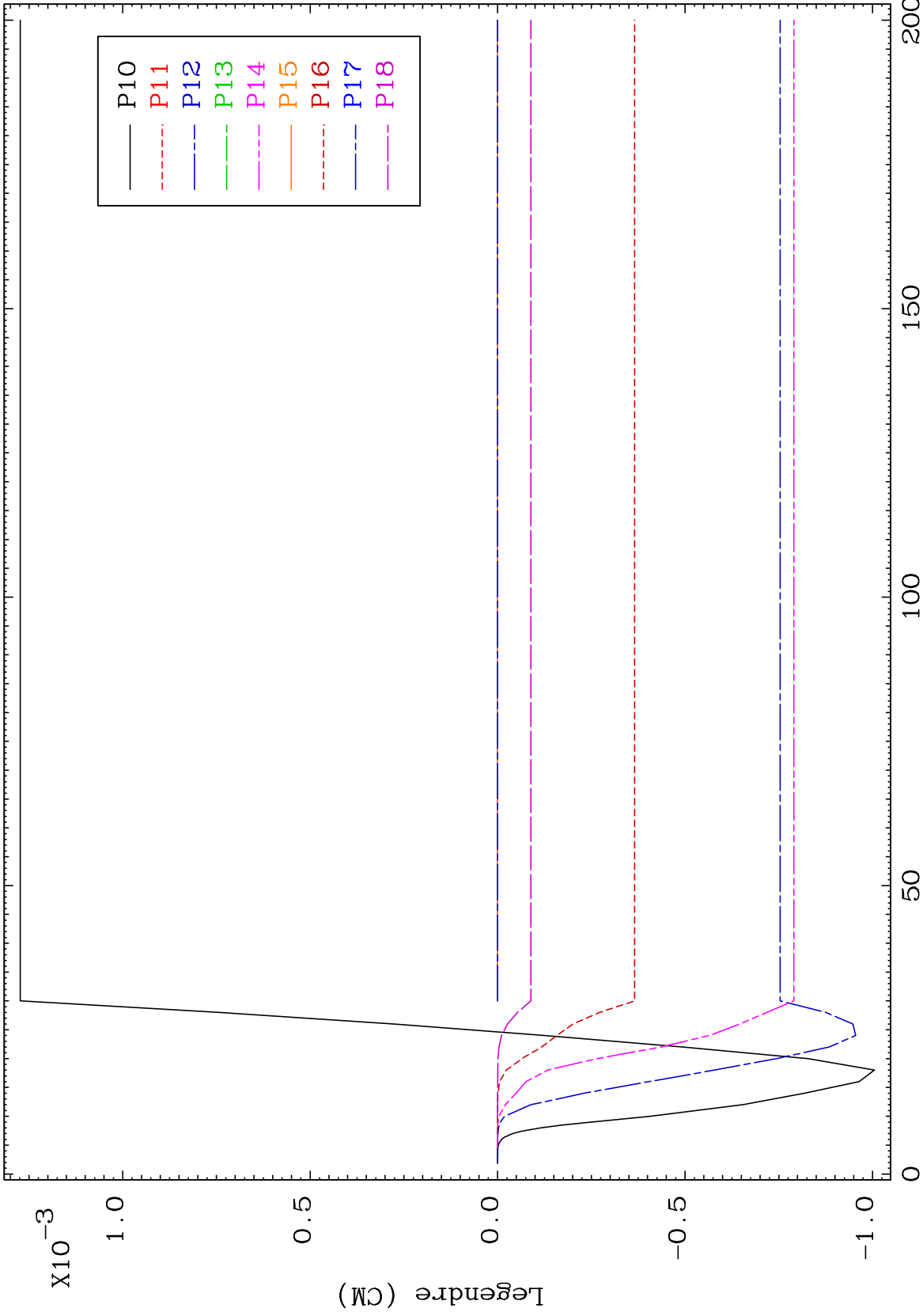


83 52-Te-125

MAT 5240

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

52-Te-125

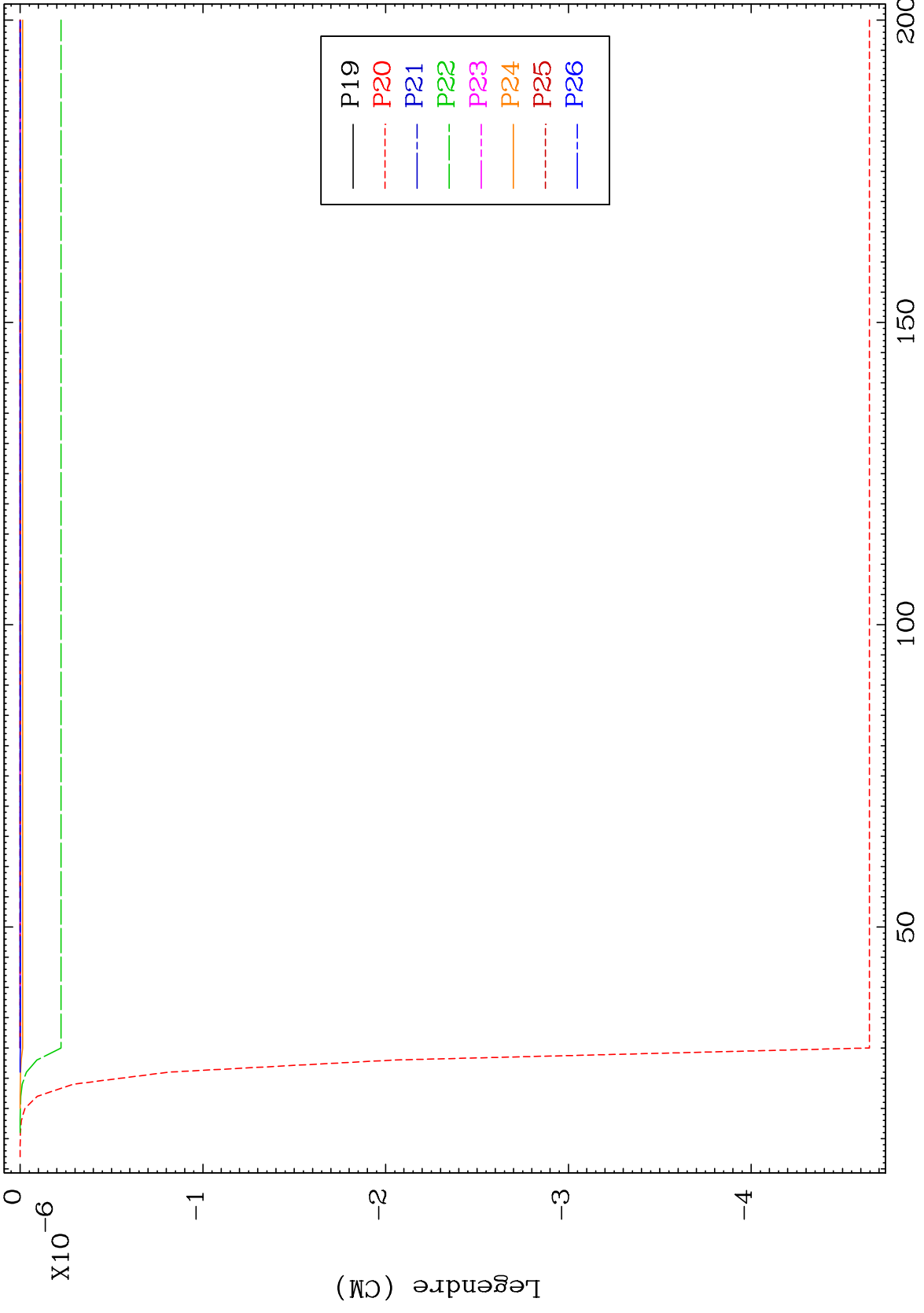


84

Incident Energy (MeV)

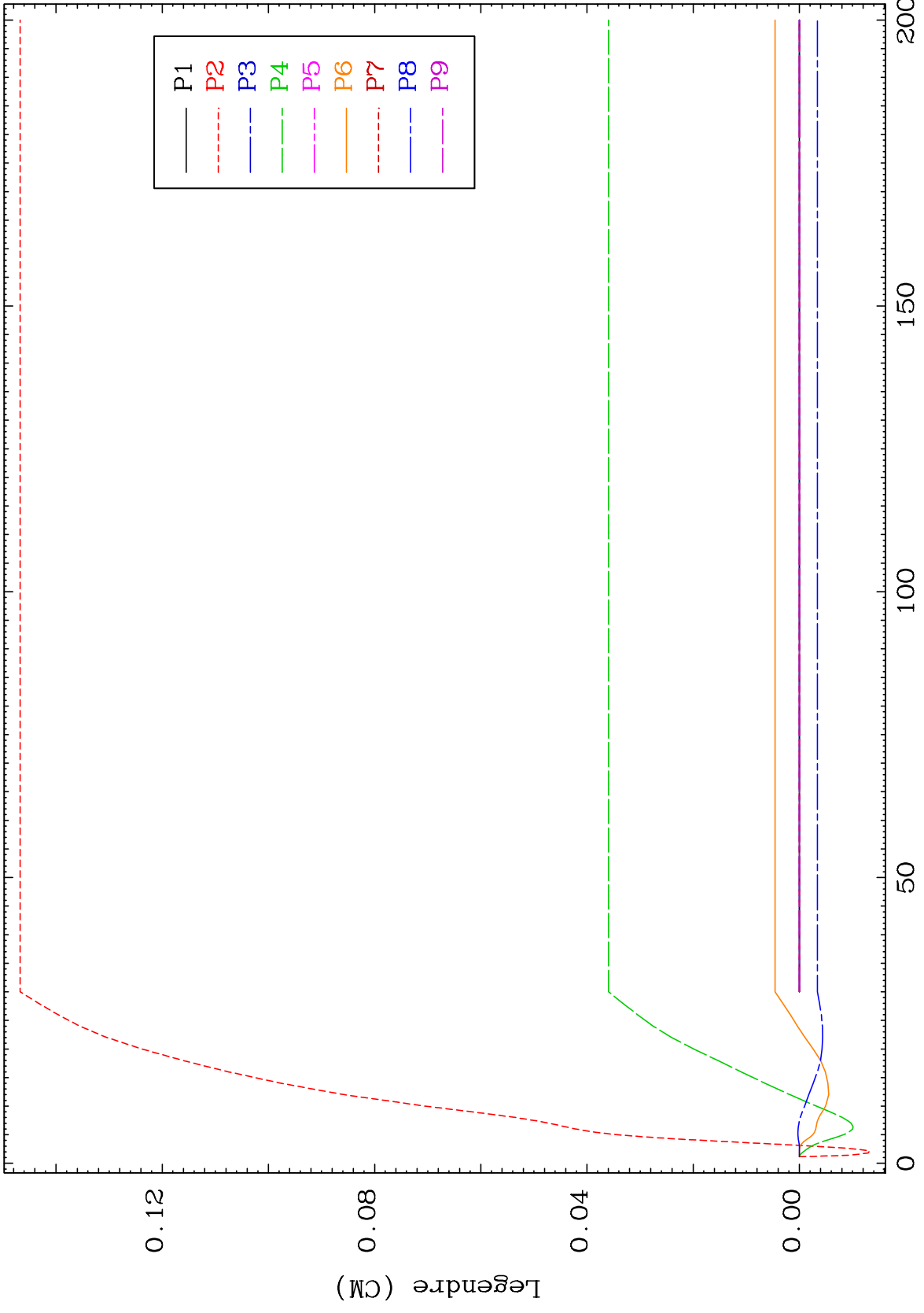
52-Te-125

MAT 5240 MT= 72 (n,n') Level Legendre Coefficients 52-Te-125



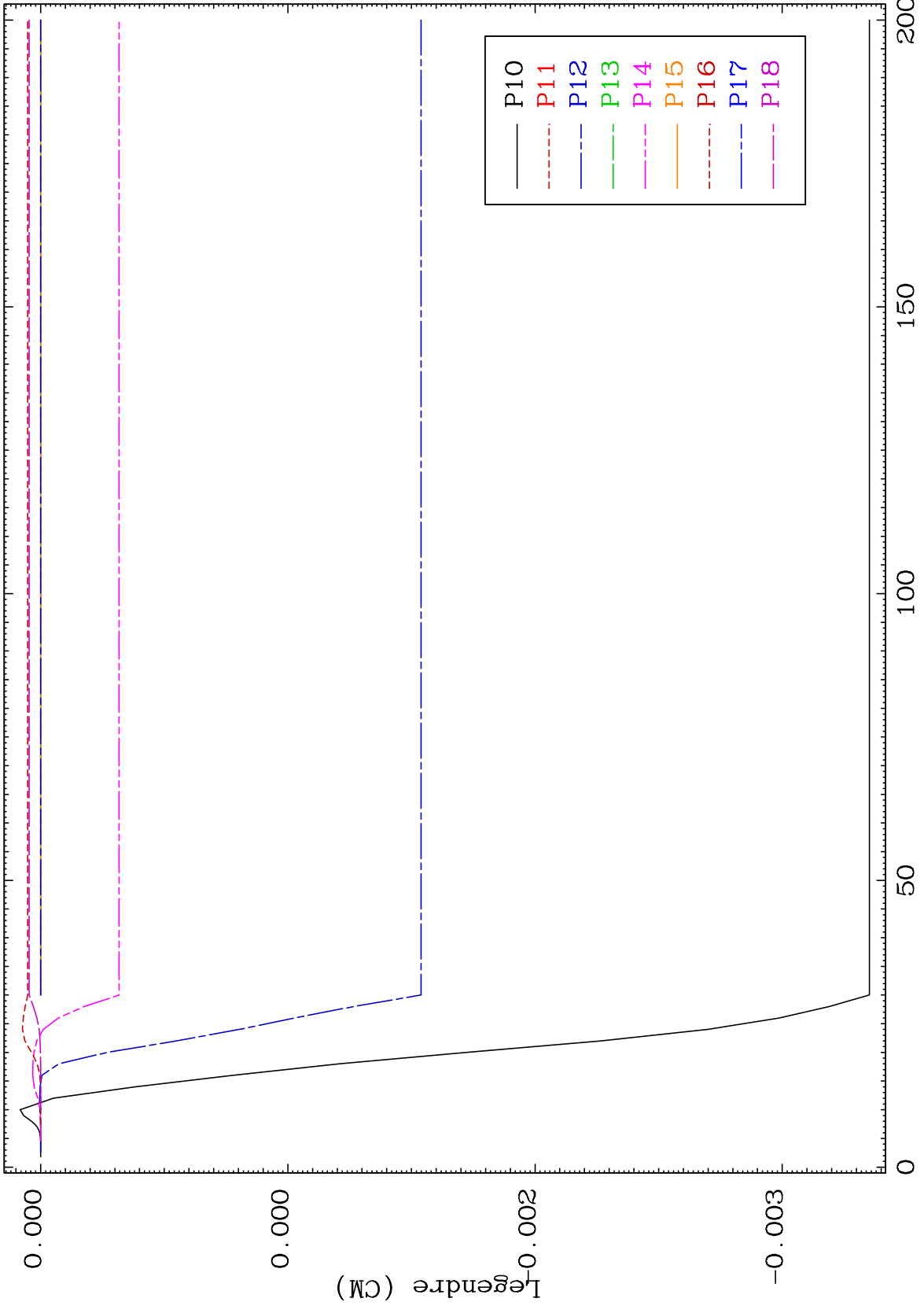
85 52-Te-125

MAT 5240 MT= 73 (n,n') Level Legendre Coefficients 52-Te-125



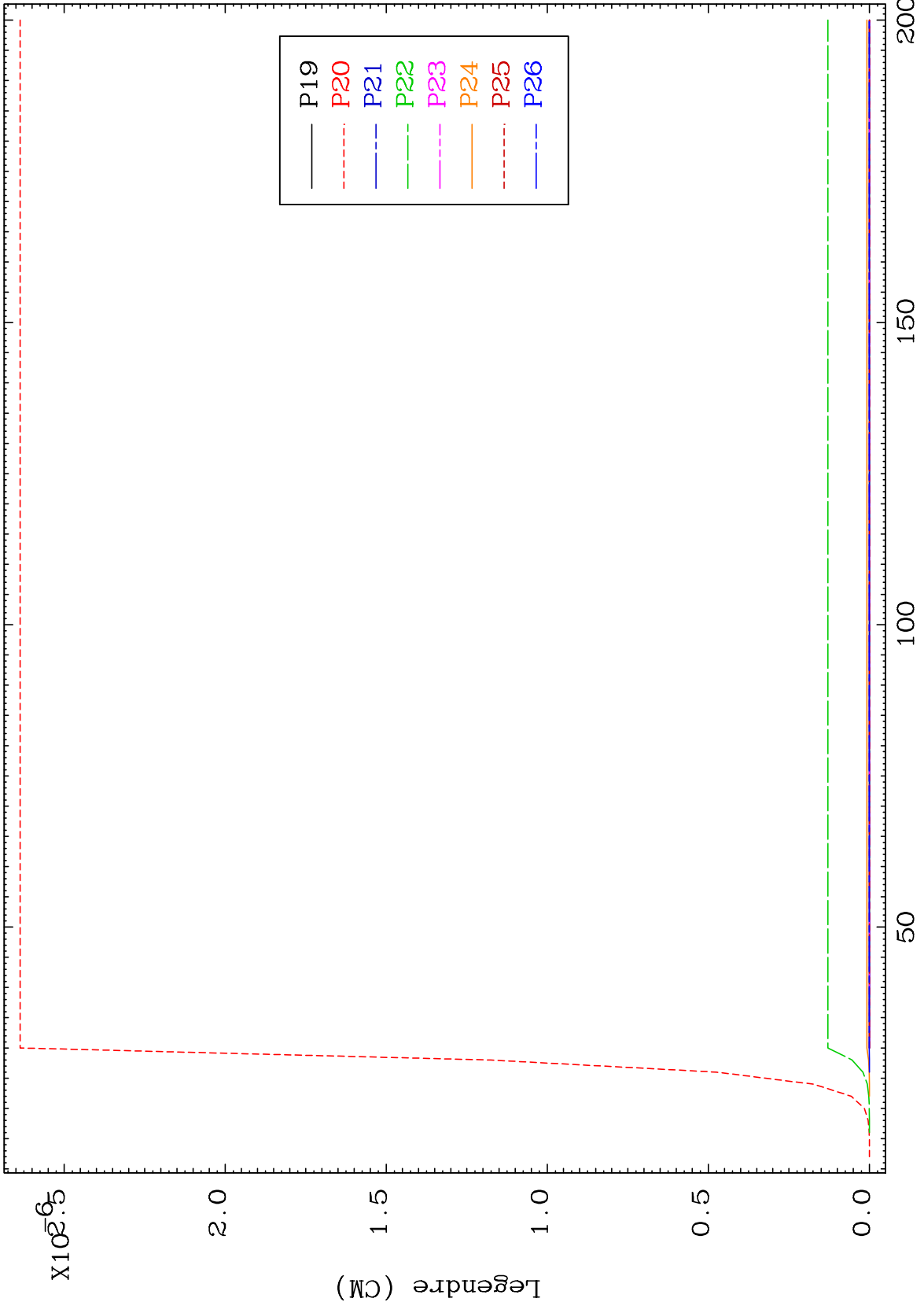
86 52-Te-125

MAT 5240 MT= 73 (n,n') Level Legendre Coefficients 52-Te-125



87 52-Te-125

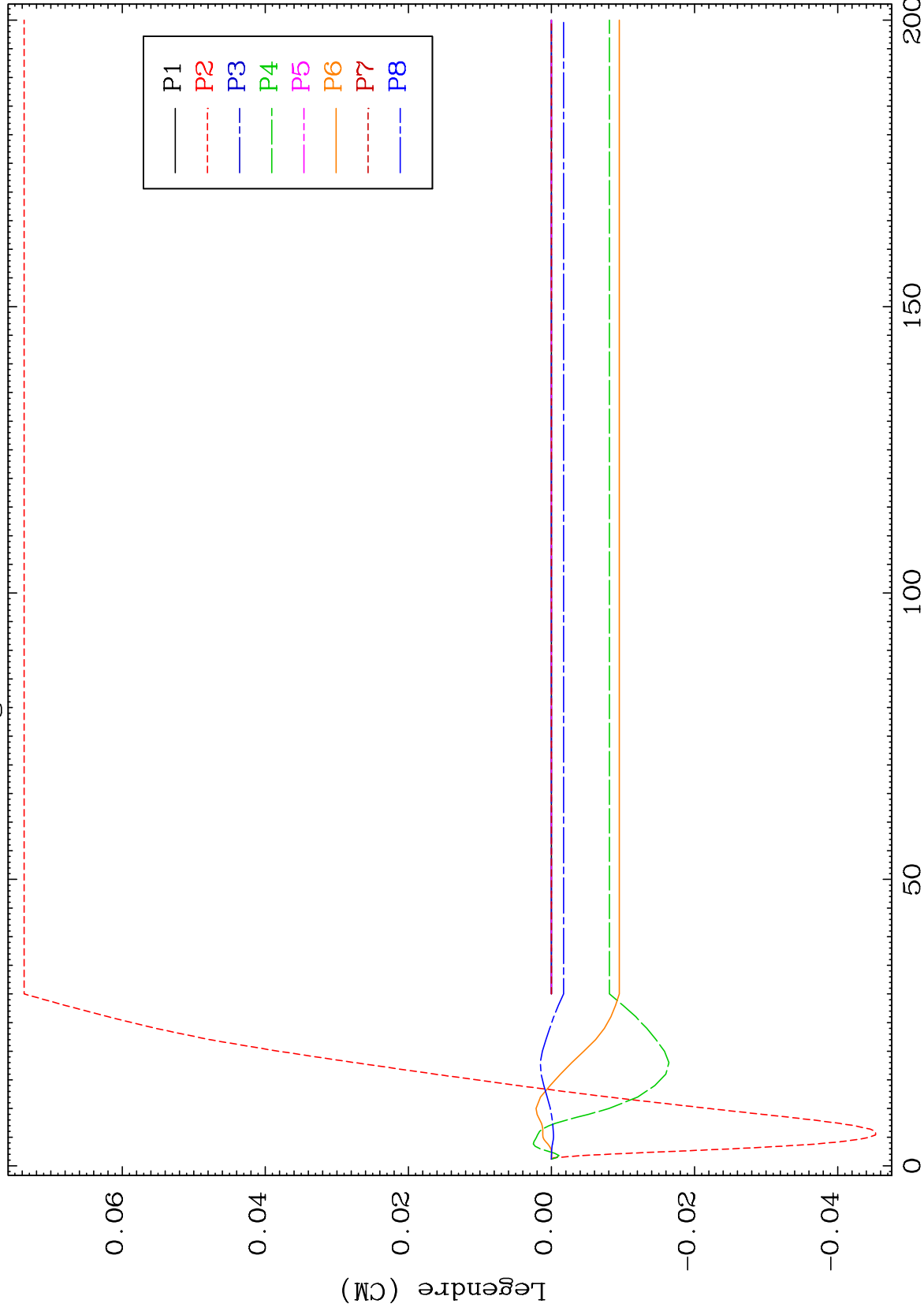
MAT 5240 MT= 73 (n,n') Level Legendre Coefficients 52-Te-125



MAT 5240

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

52-Te-125



89

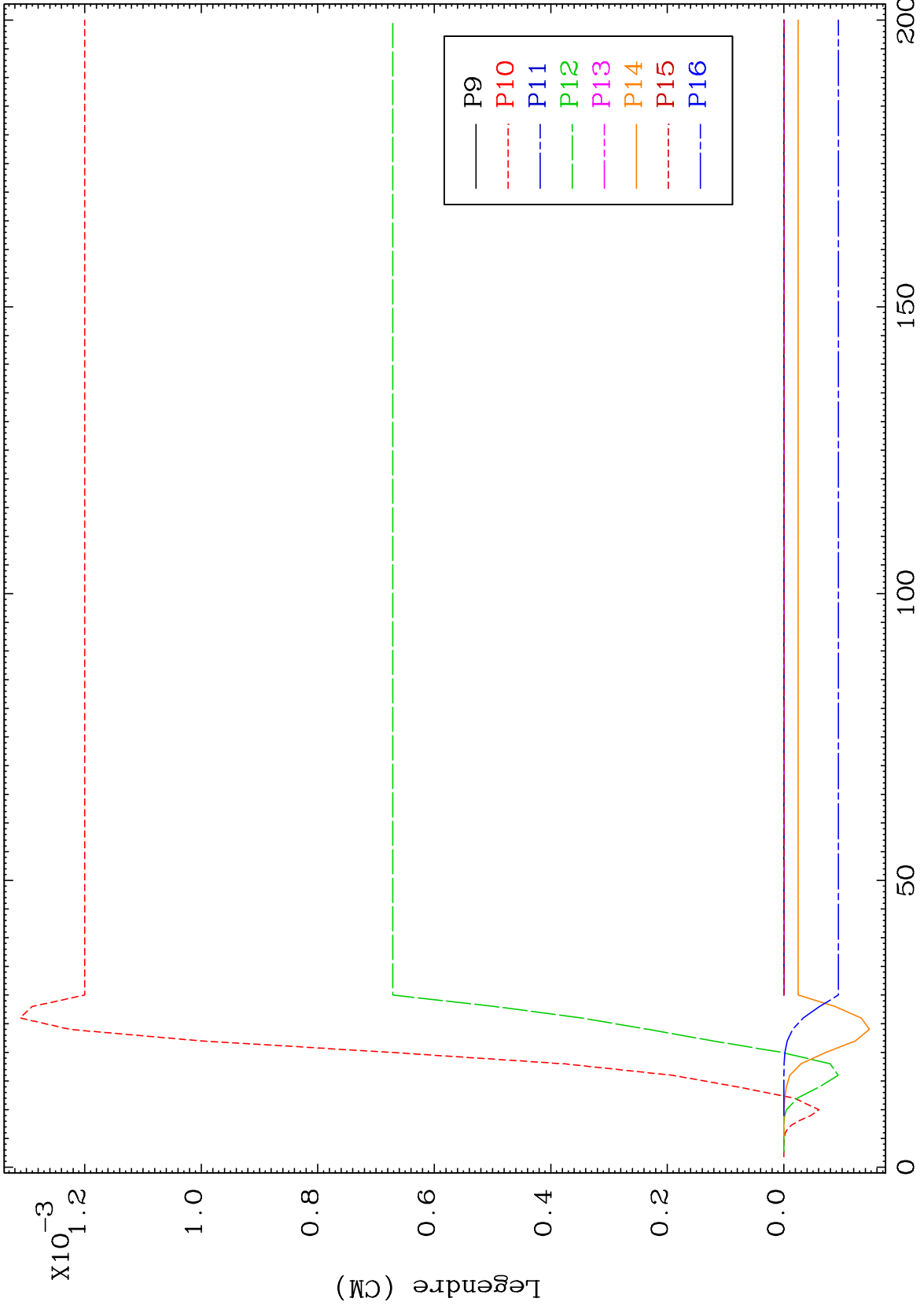
Incident Energy (MeV)

52-Te-125

MAT 5240

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

52-Te-125

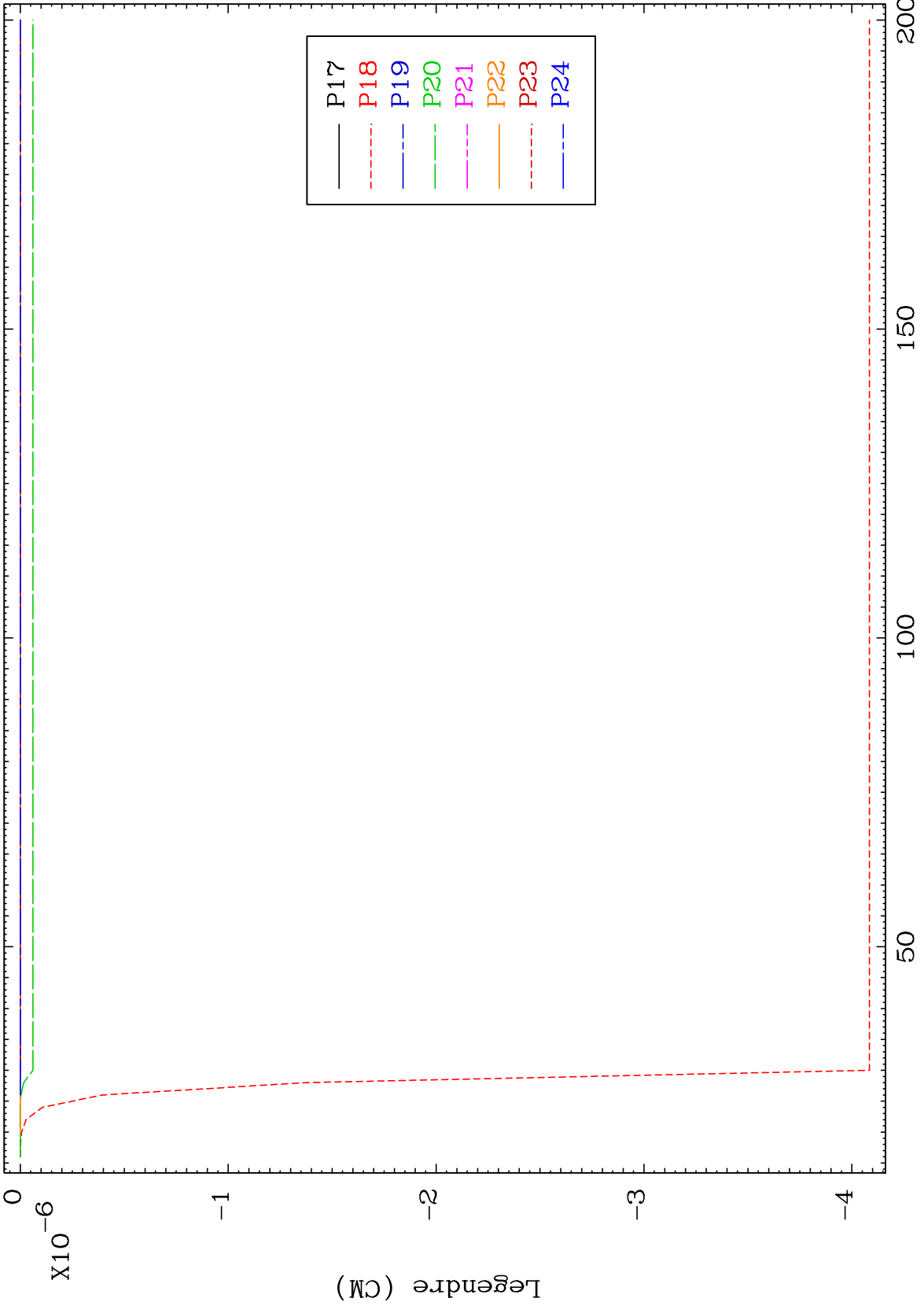


90

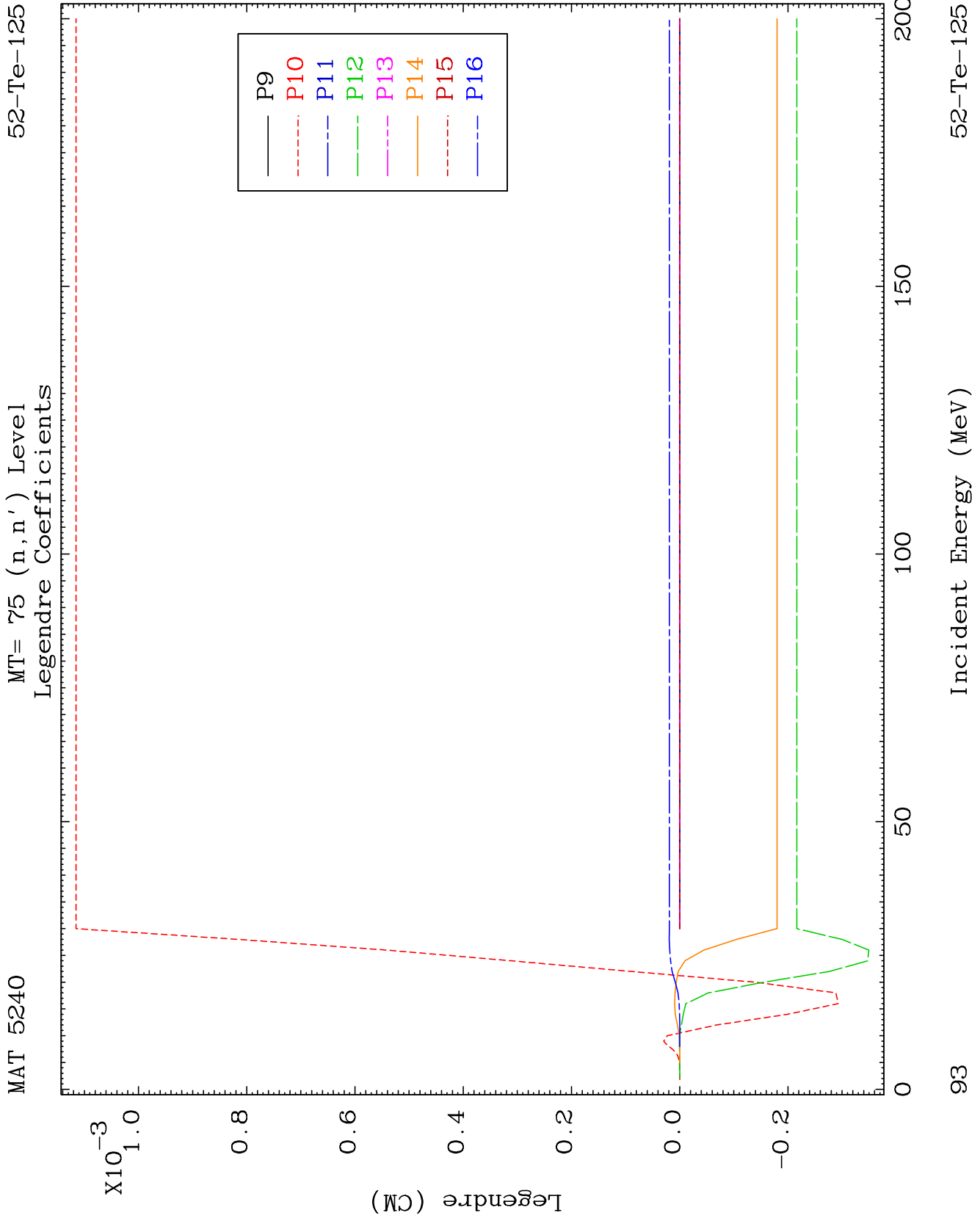
Incident Energy (MeV)

52-Te-125

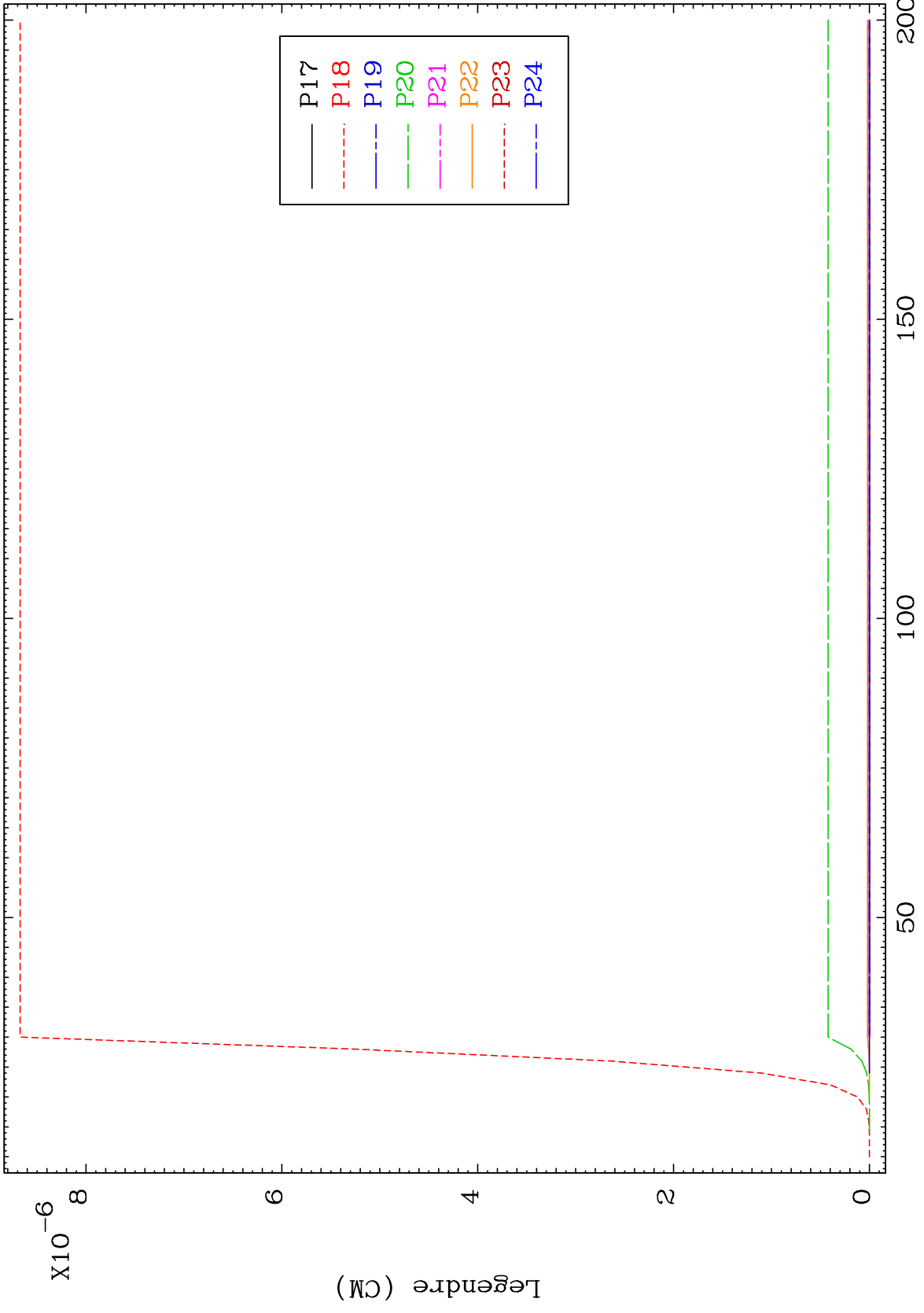
MAT 5240 MT= 74 (n,n') Level Legendre Coefficients 52-Te-125



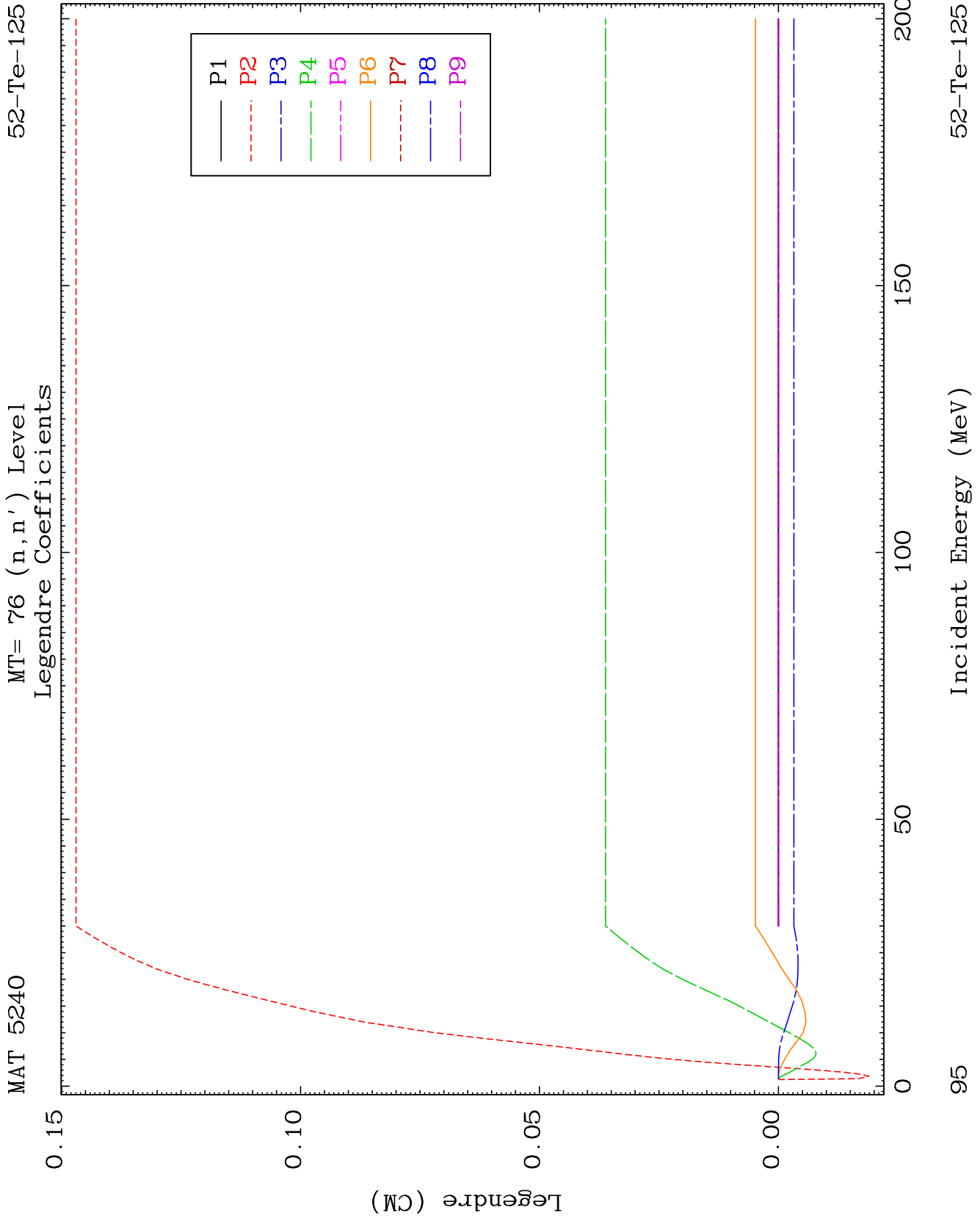
91 52-Te-125



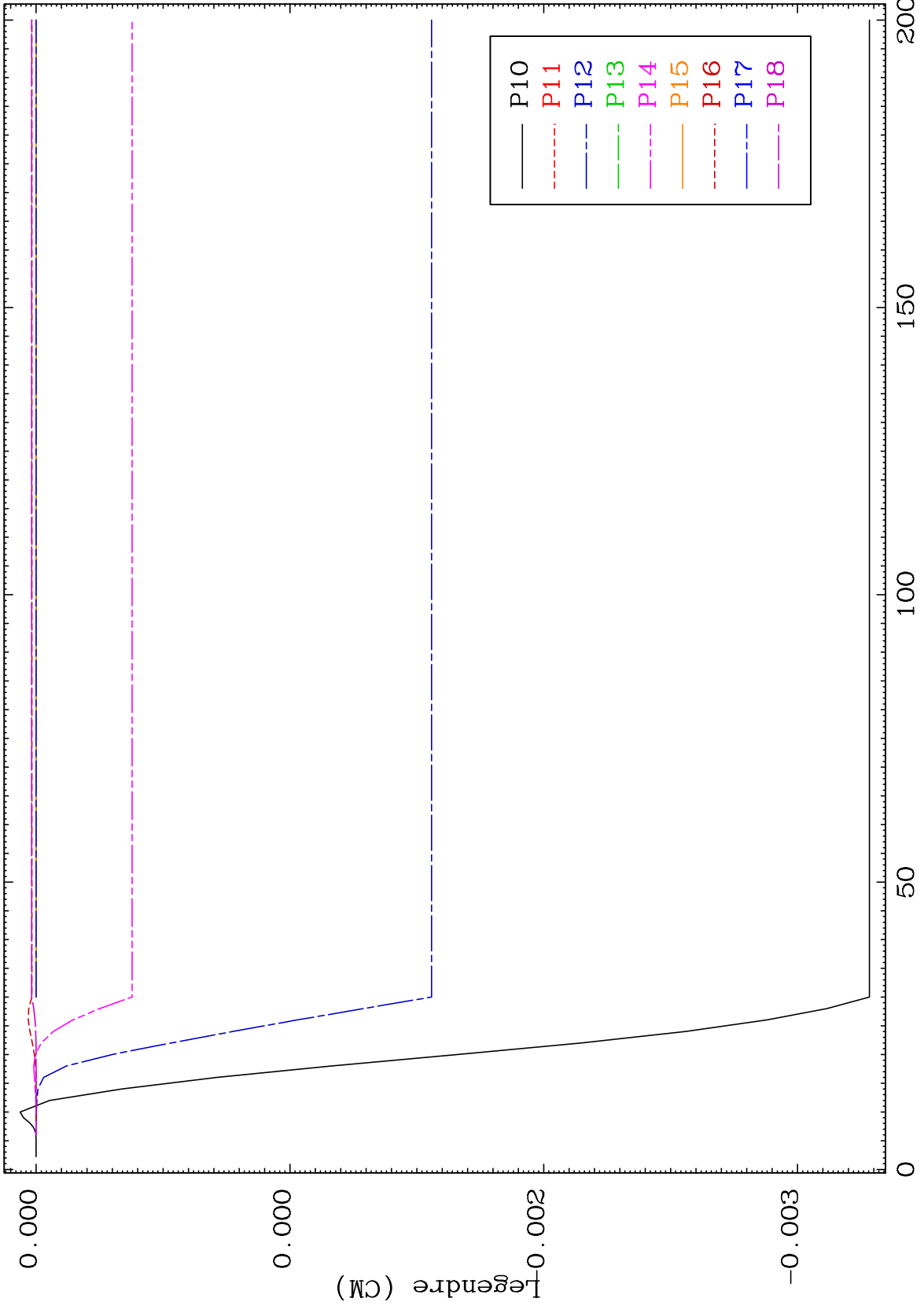
MAT 5240 MT= 75 (n,n') Level Legendre Coefficients 52-Te-125



94 52-Te-125



MAT 5240 MT= 76 (n,n') Level Legendre Coefficients 52-Te-125

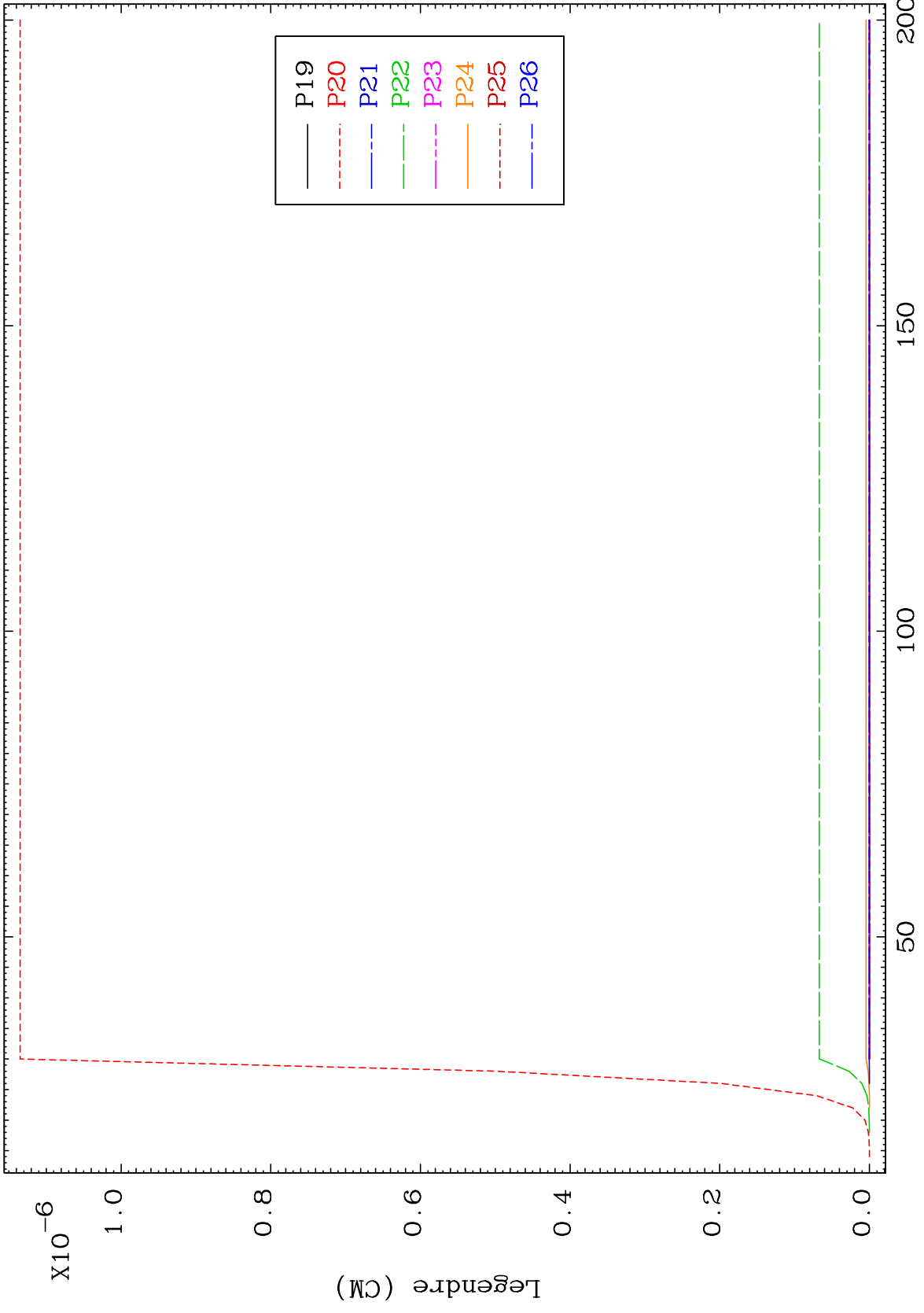


96 52-Te-125

MAT 5240

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

52-Te-125

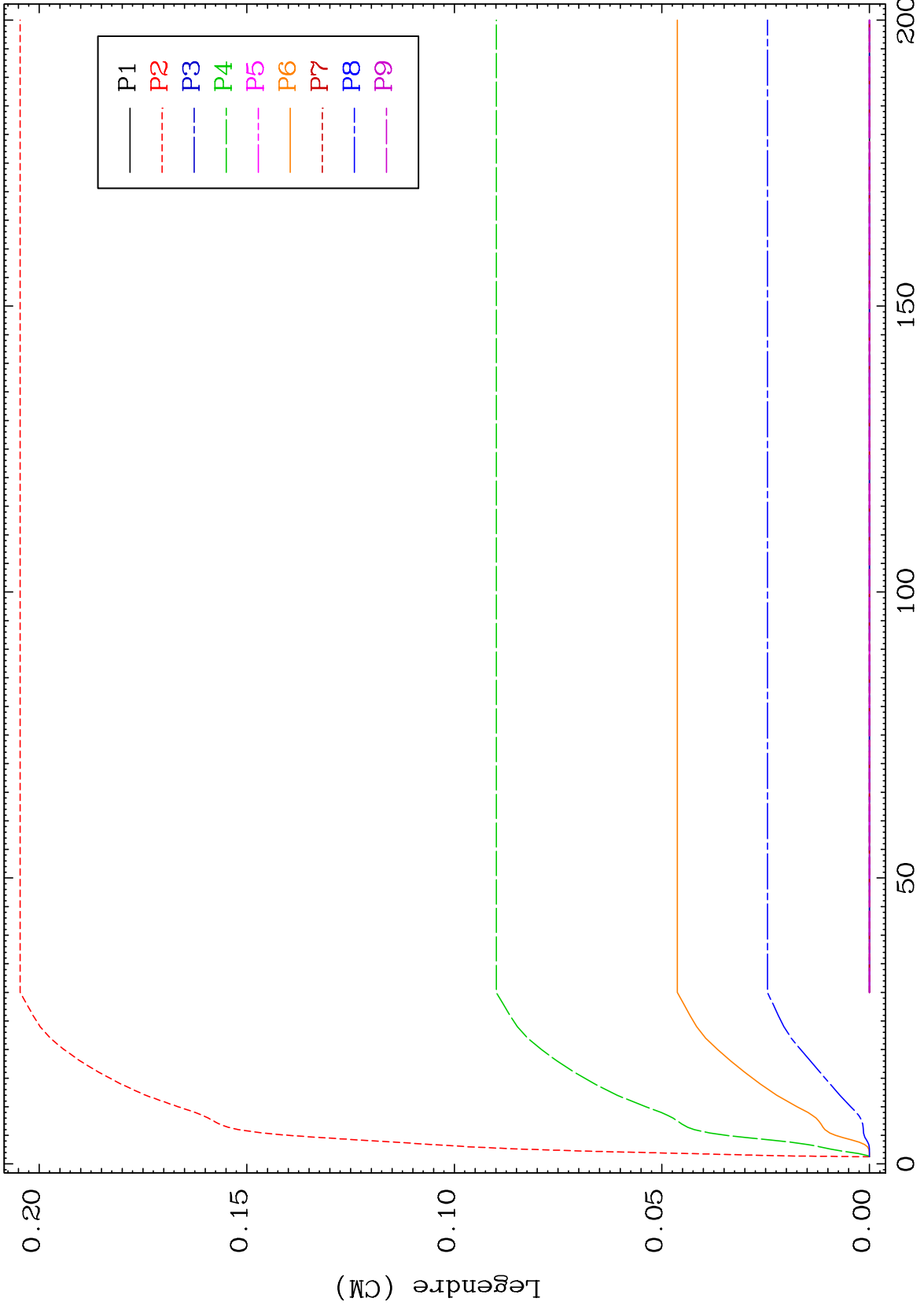


97

Incident Energy (MeV)

52-Te-125

MAT 5240 MT= 77 (n,n') Level Legendre Coefficients 52-Te-125

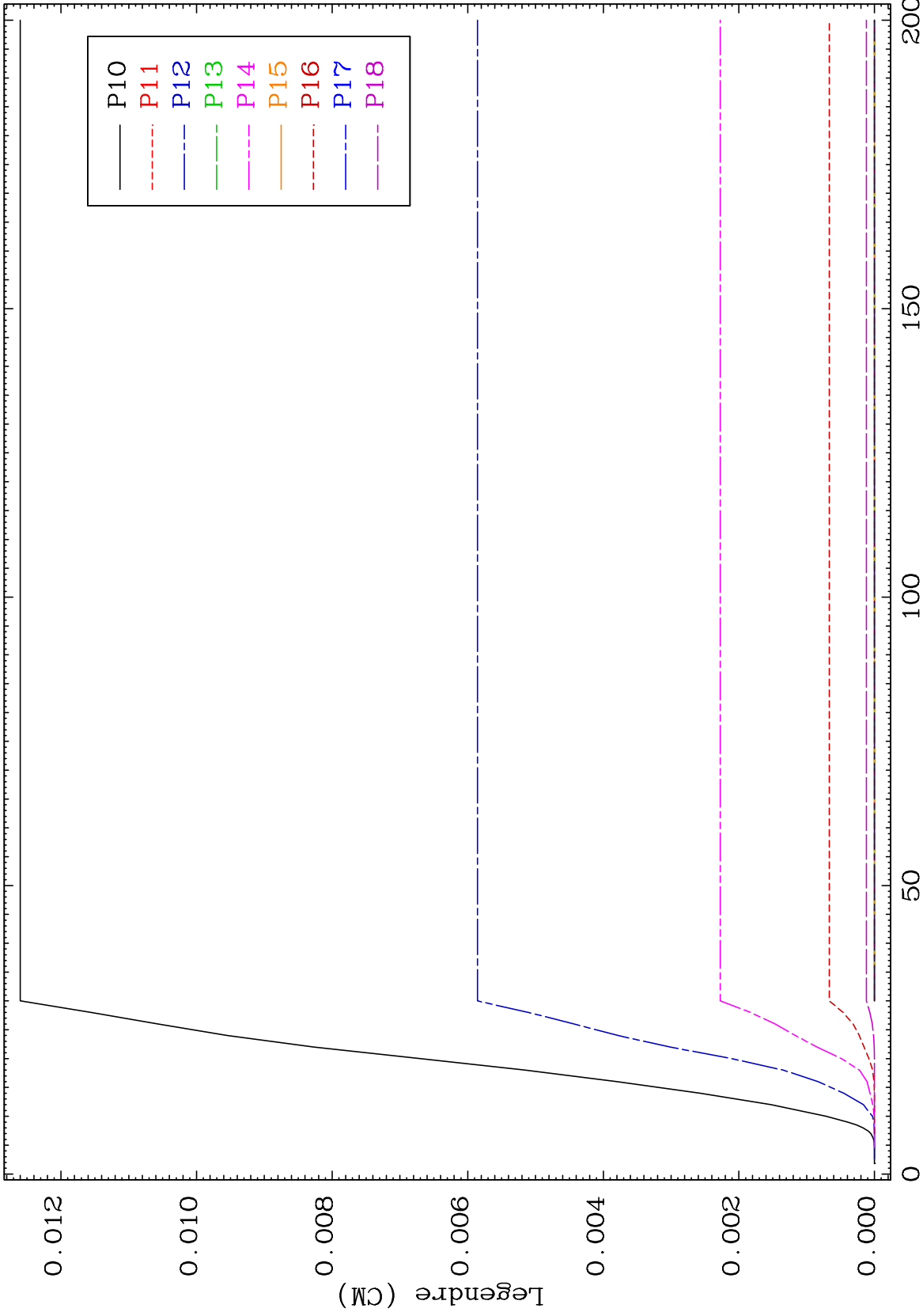


98 Incident Energy (MeV) 52-Te-125

MAT 5240

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

52-Te-125

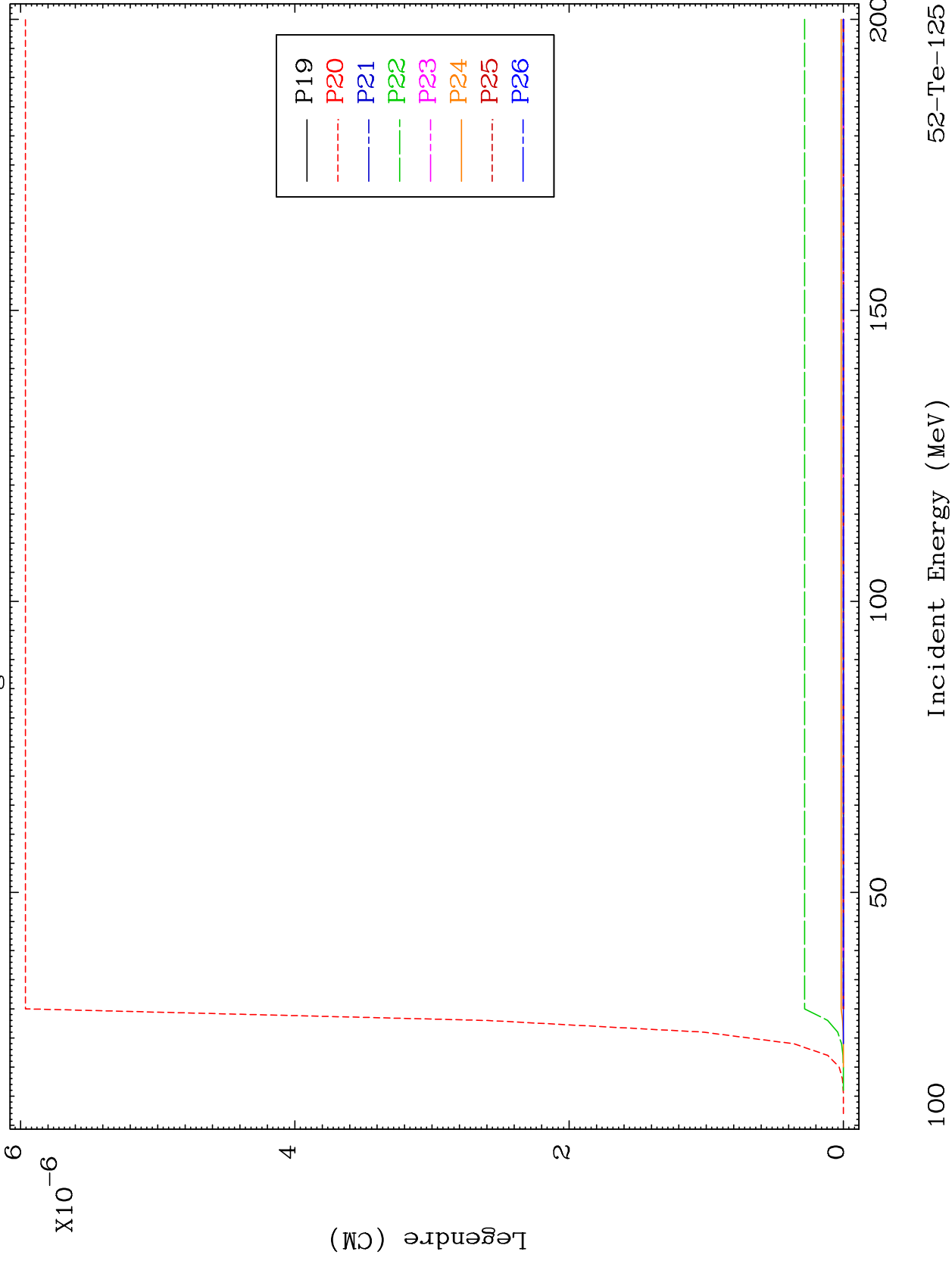


99

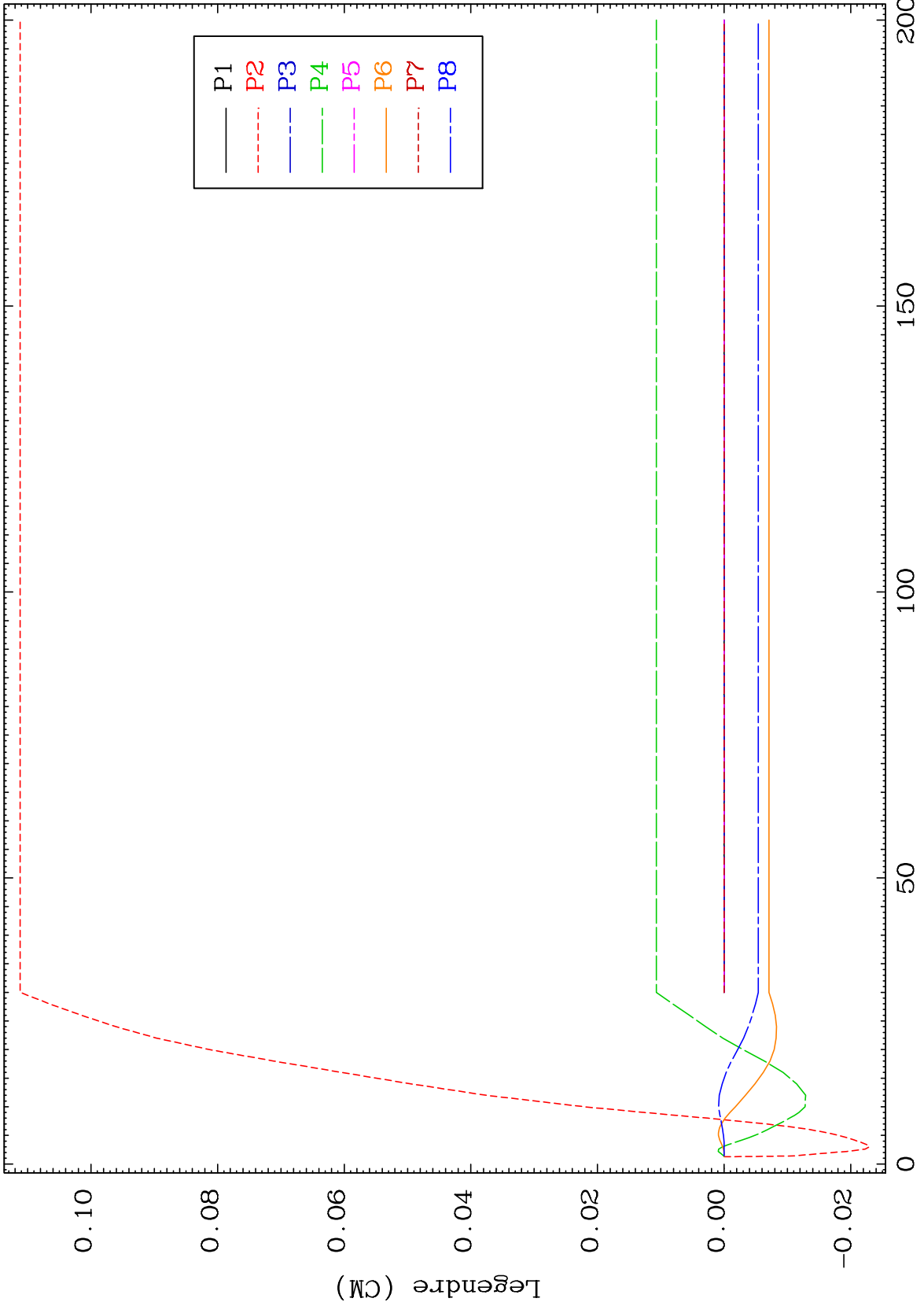
Incident Energy (MeV)

52-Te-125

MAT 5240 MT= 77 (n,n') Level Legendre Coefficients 52-Te-125

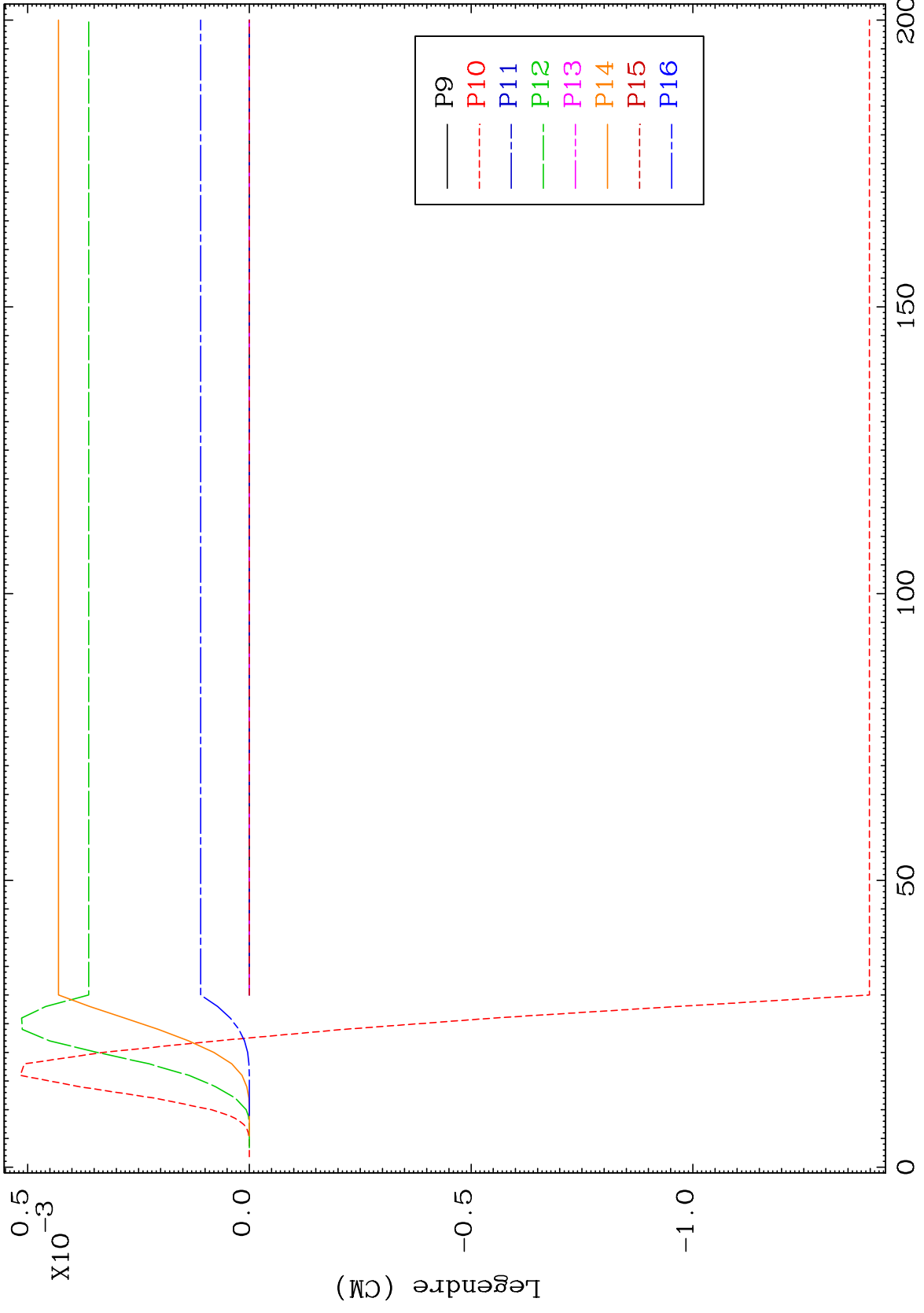


MAT 5240 MT= 78 (n,n') Level Legendre Coefficients 52-Te-125



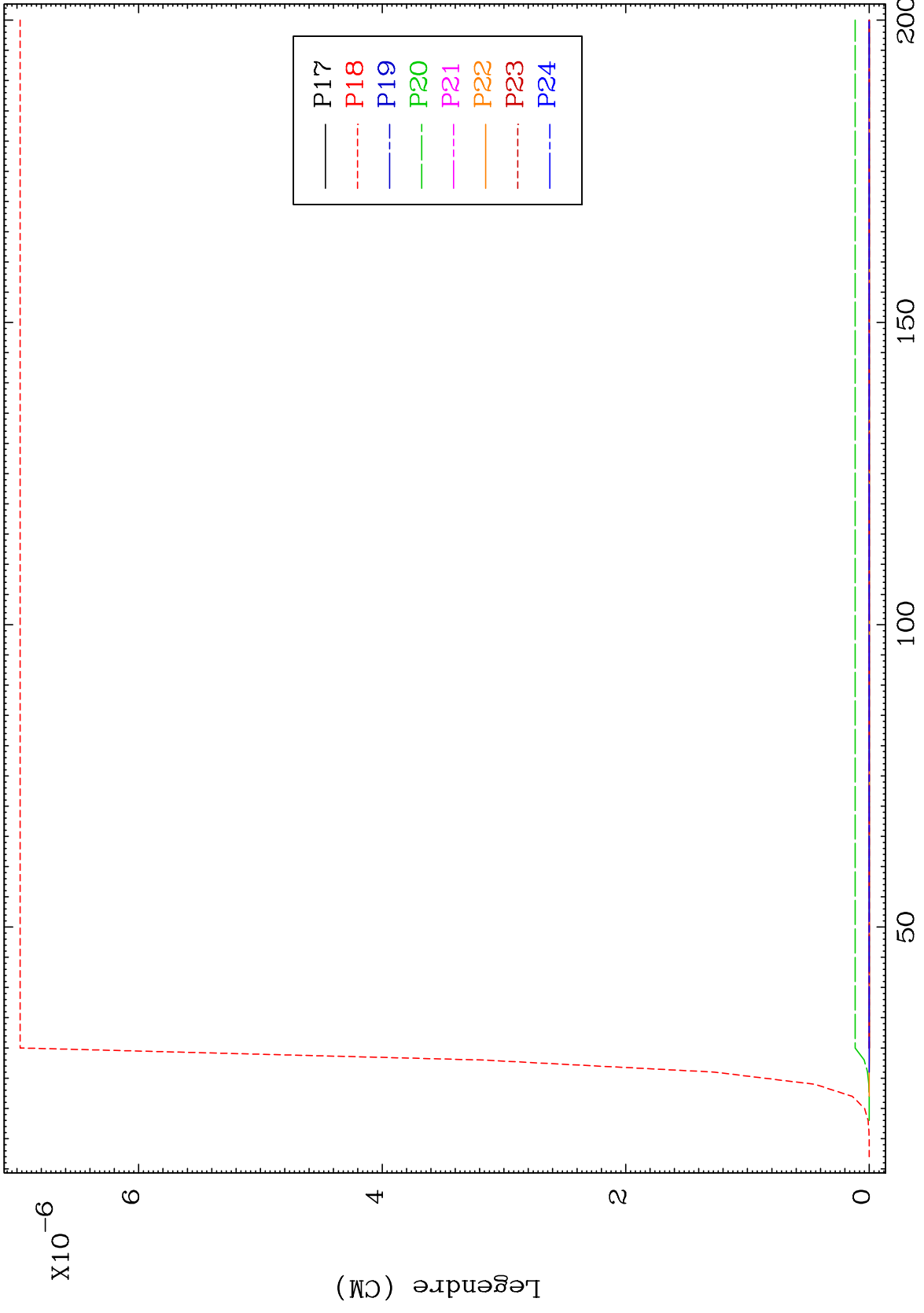
101 52-Te-125

MAT 5240 MT= 78 (n,n') Level Legendre Coefficients 52-Te-125

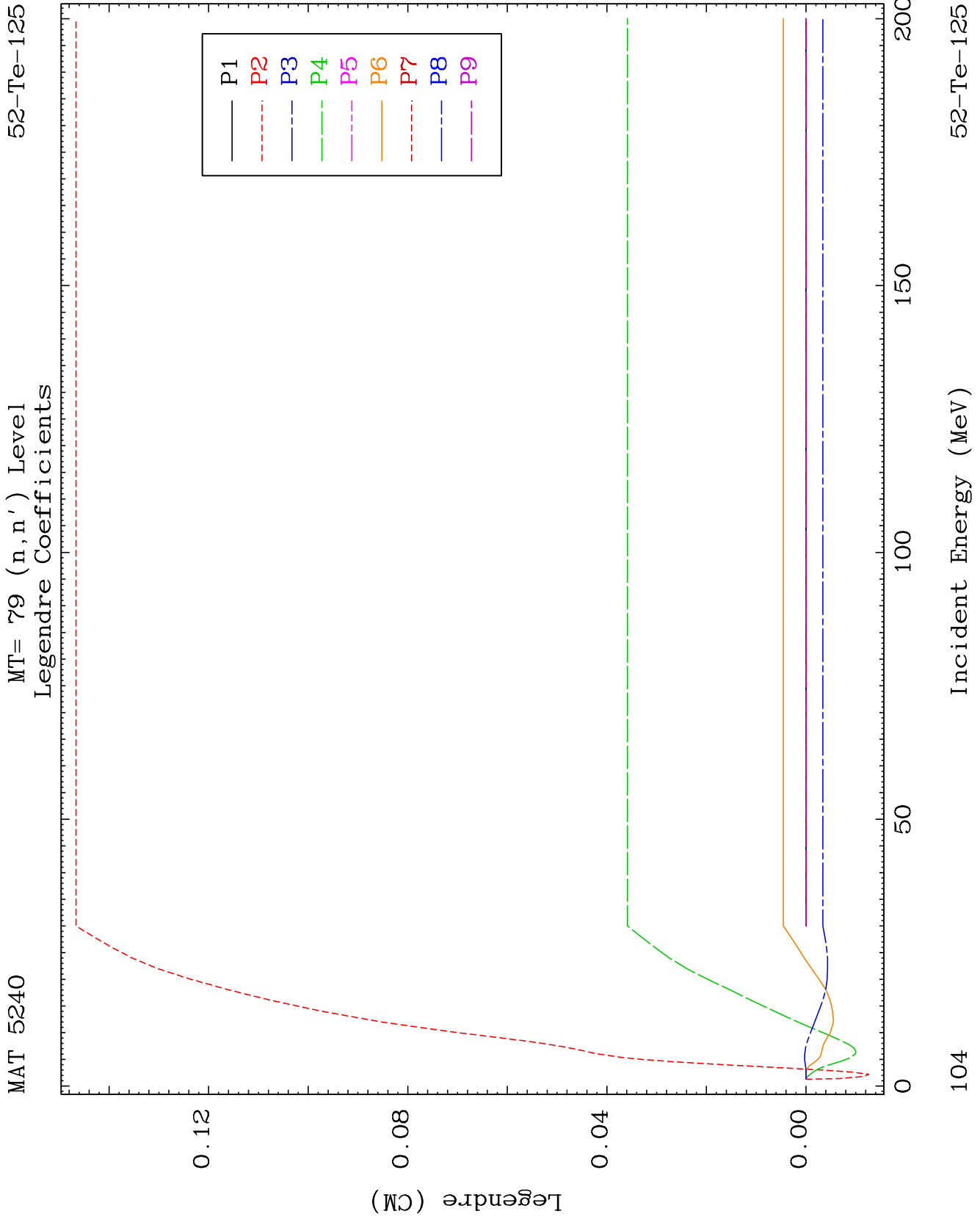


102 52-Te-125

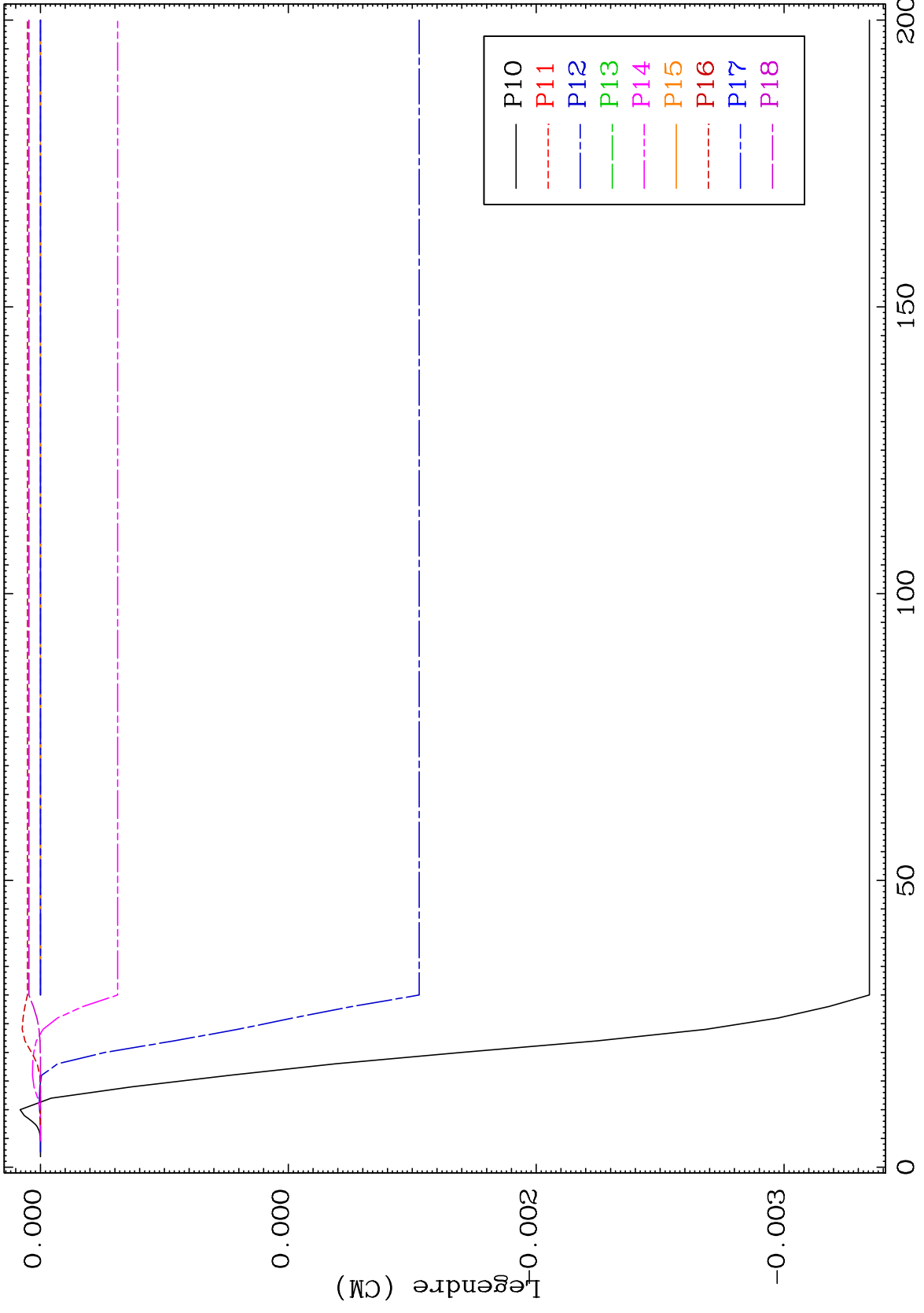
MAT 5240 MT= 78 (n,n') Level Legendre Coefficients 52-Te-125



103 Incident Energy (MeV) 52-Te-125

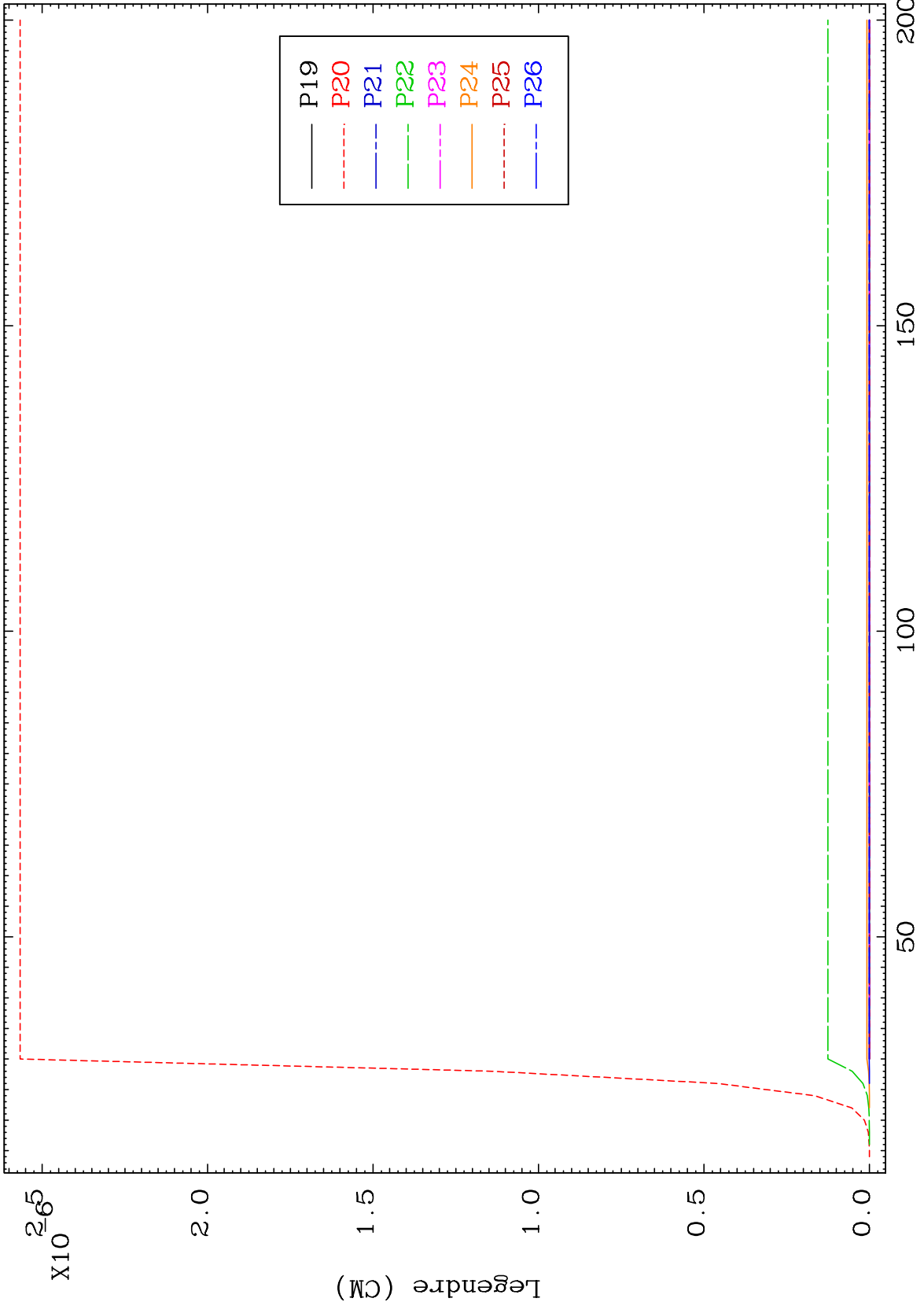


MAT 5240 MT= 79 (n,n') Level Legendre Coefficients 52-Te-125



105 Incident Energy (MeV) 52-Te-125

MAT 5240 MT= 79 (n,n') Level Legendre Coefficients 52-Te-125

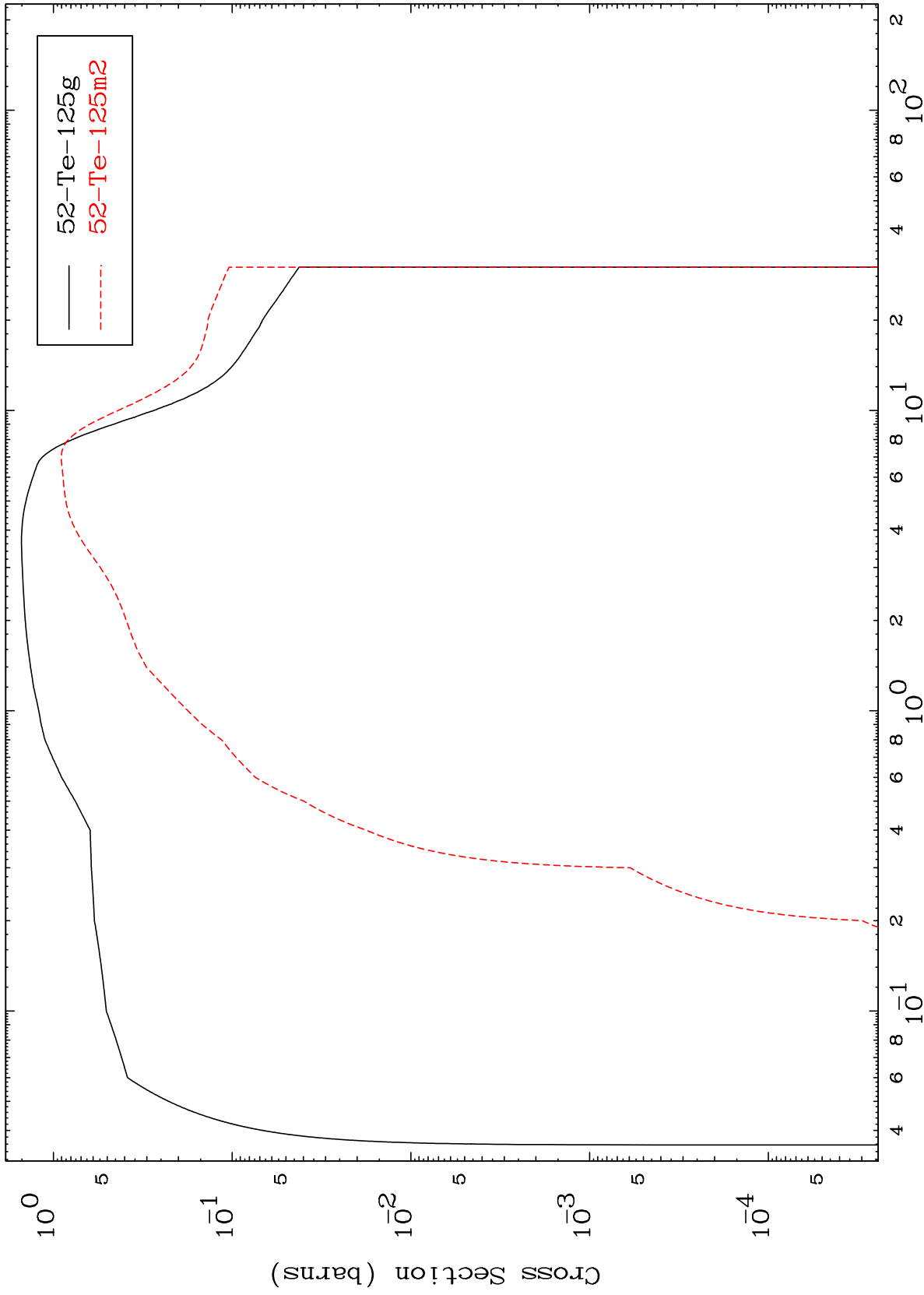


106 52-Te-125

MAT 5240

52-Te-125

Inelastic Radionuclide Production Cross Section



107

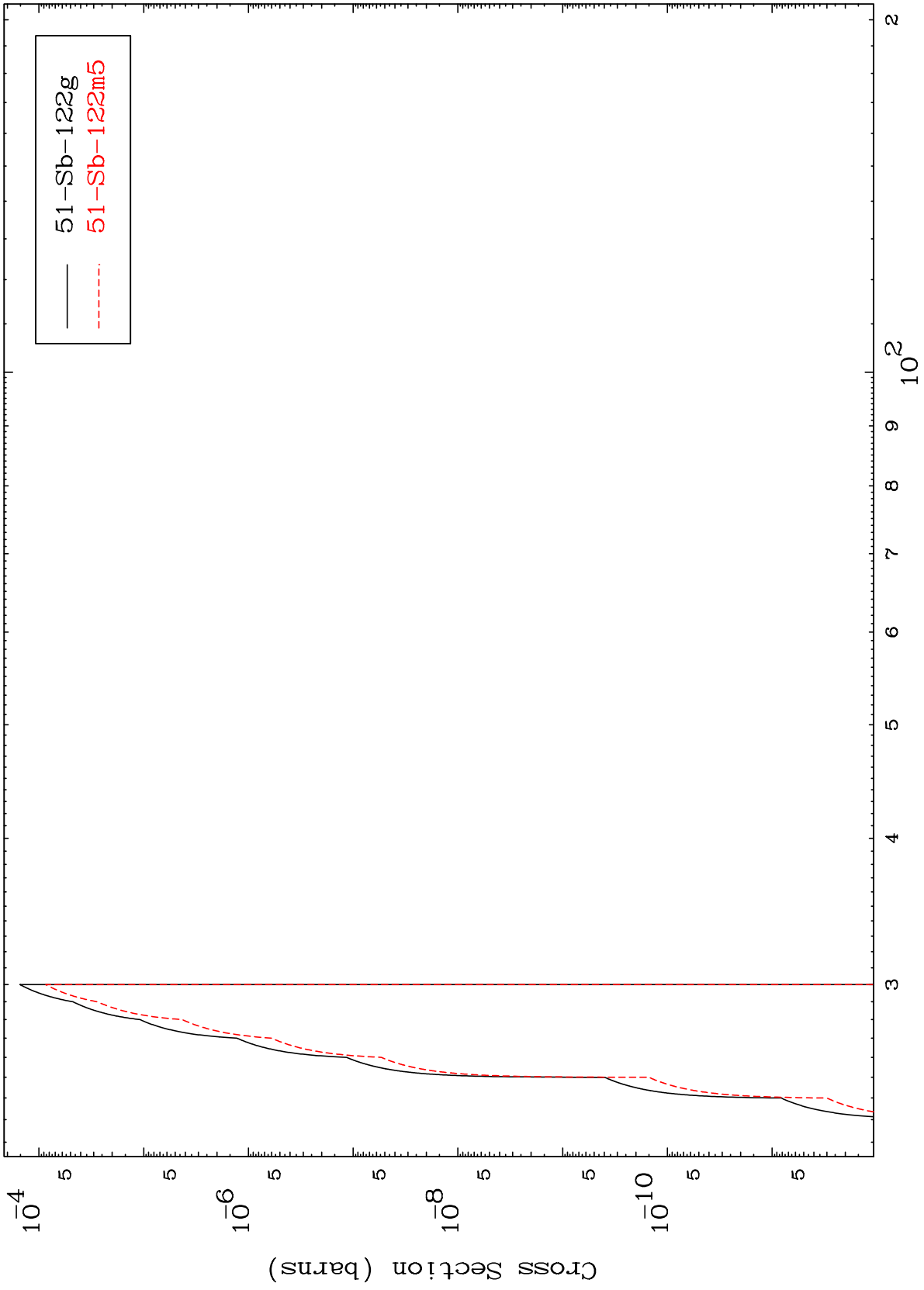
52-Te-125

MAT 5240

(n,2n) d

52-Te-125

Radionuclide Production Cross Section



108

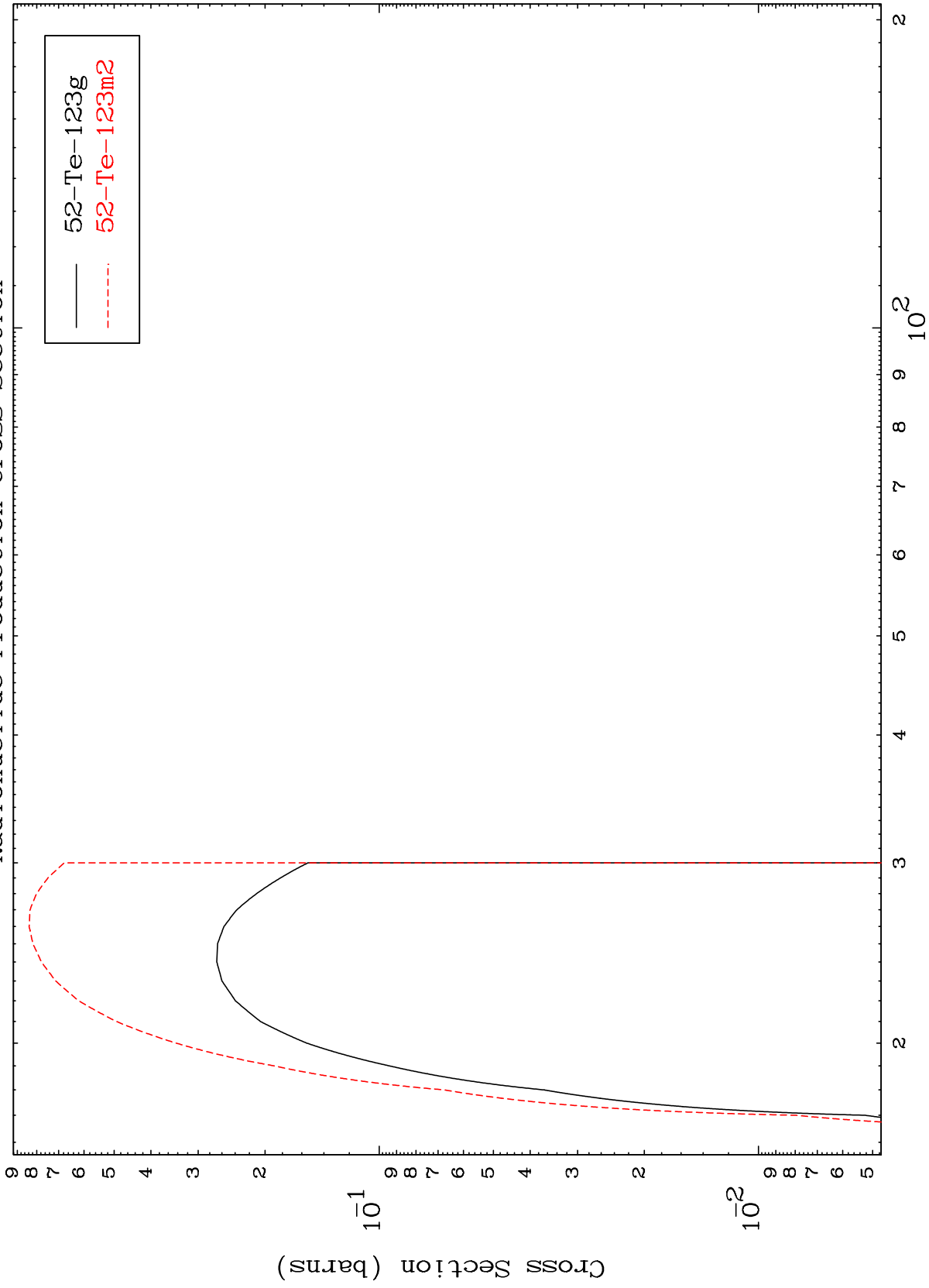
Incident Energy (MeV)

52-Te-125

MAT 5240

52-Te-125

(n,3n)
Radionuclide Production Cross Section



109

Incident Energy (MeV)

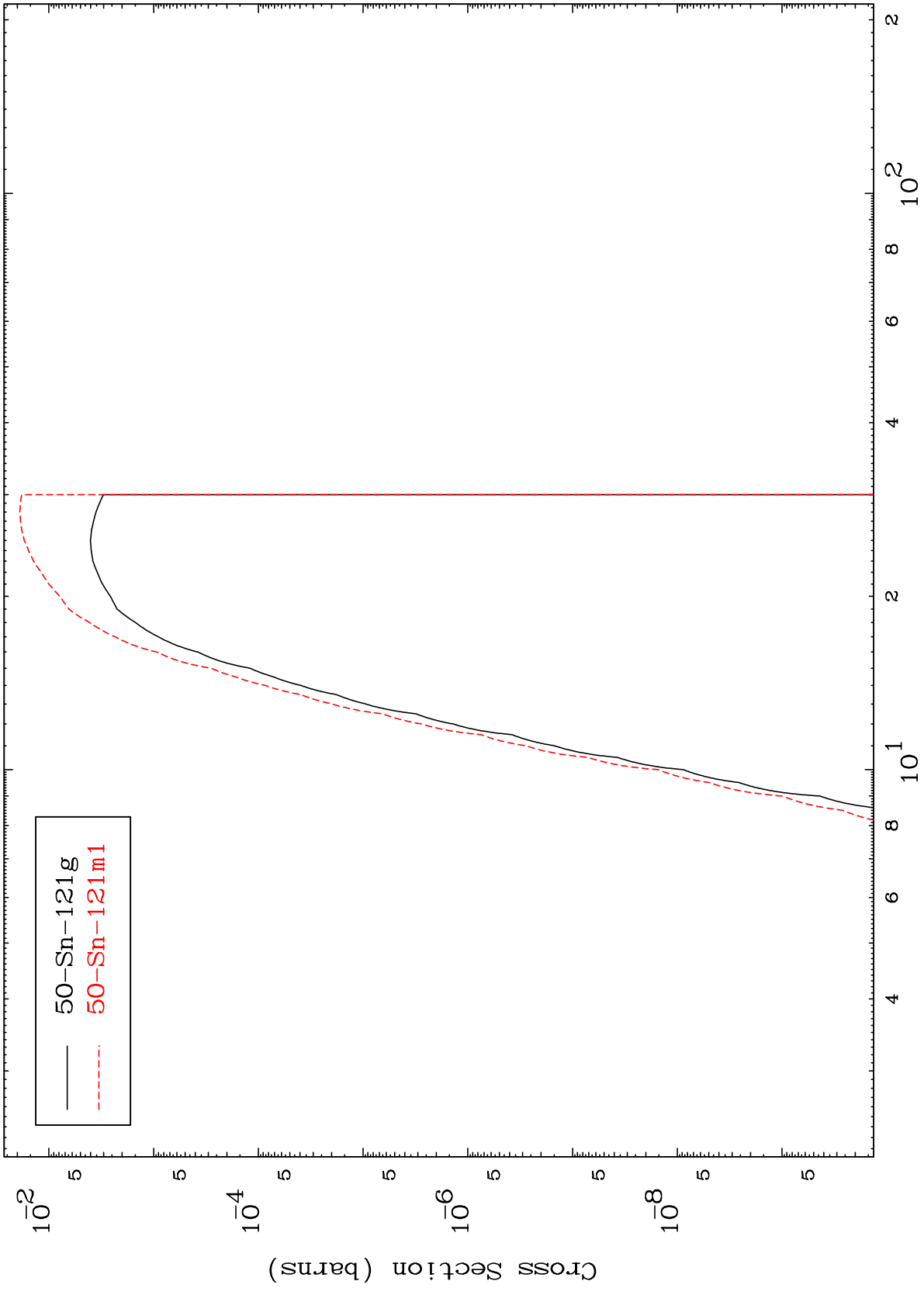
52-Te-125

MAT 5240

(n,n') α

52-Te-125

Radionuclide Production Cross Section



110

Incident Energy (MeV)

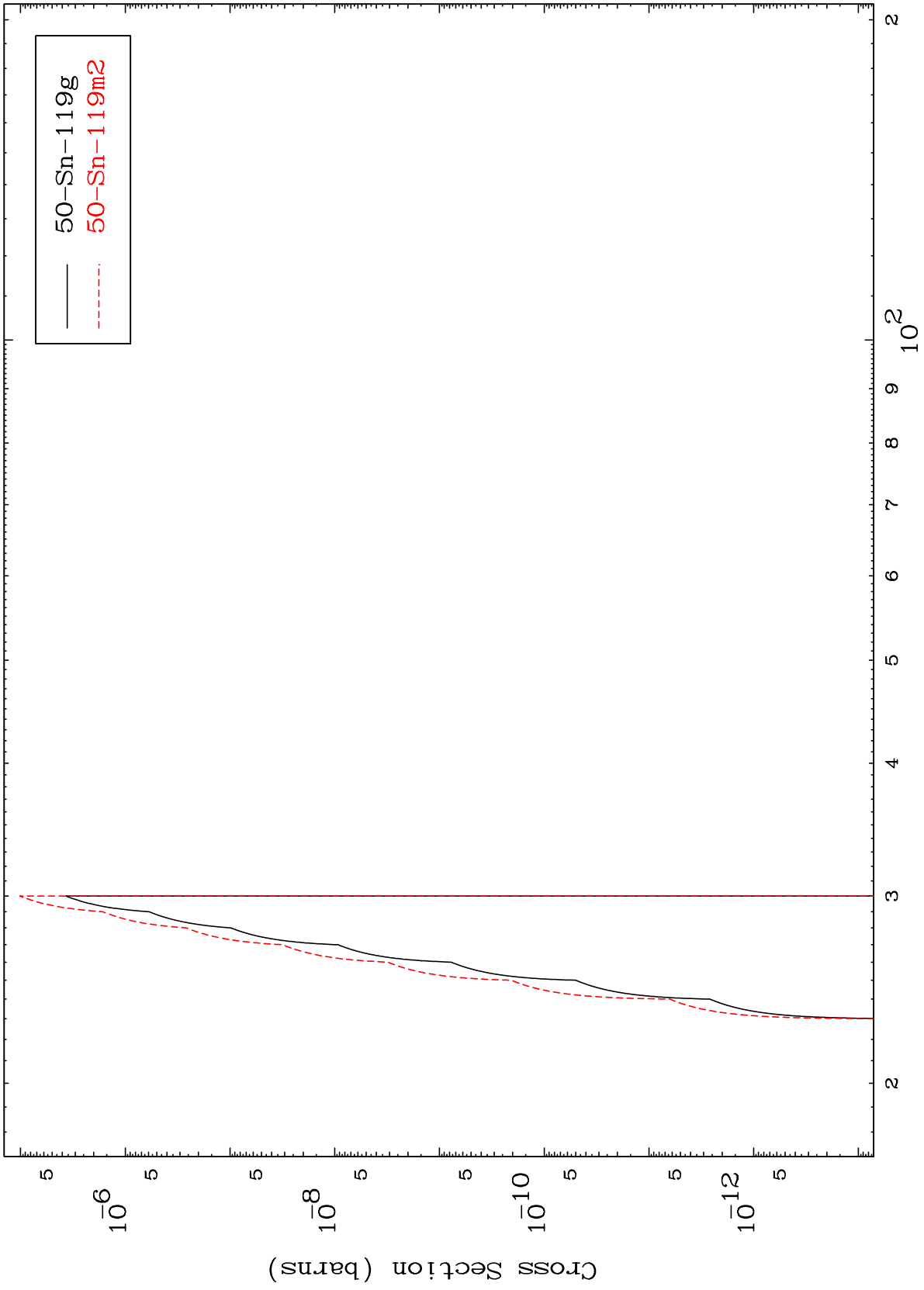
52-Te-125

MAT 5240

(n,3n) α

52-Te-125

Radionuclide Production Cross Section



111

Incident Energy (MeV)

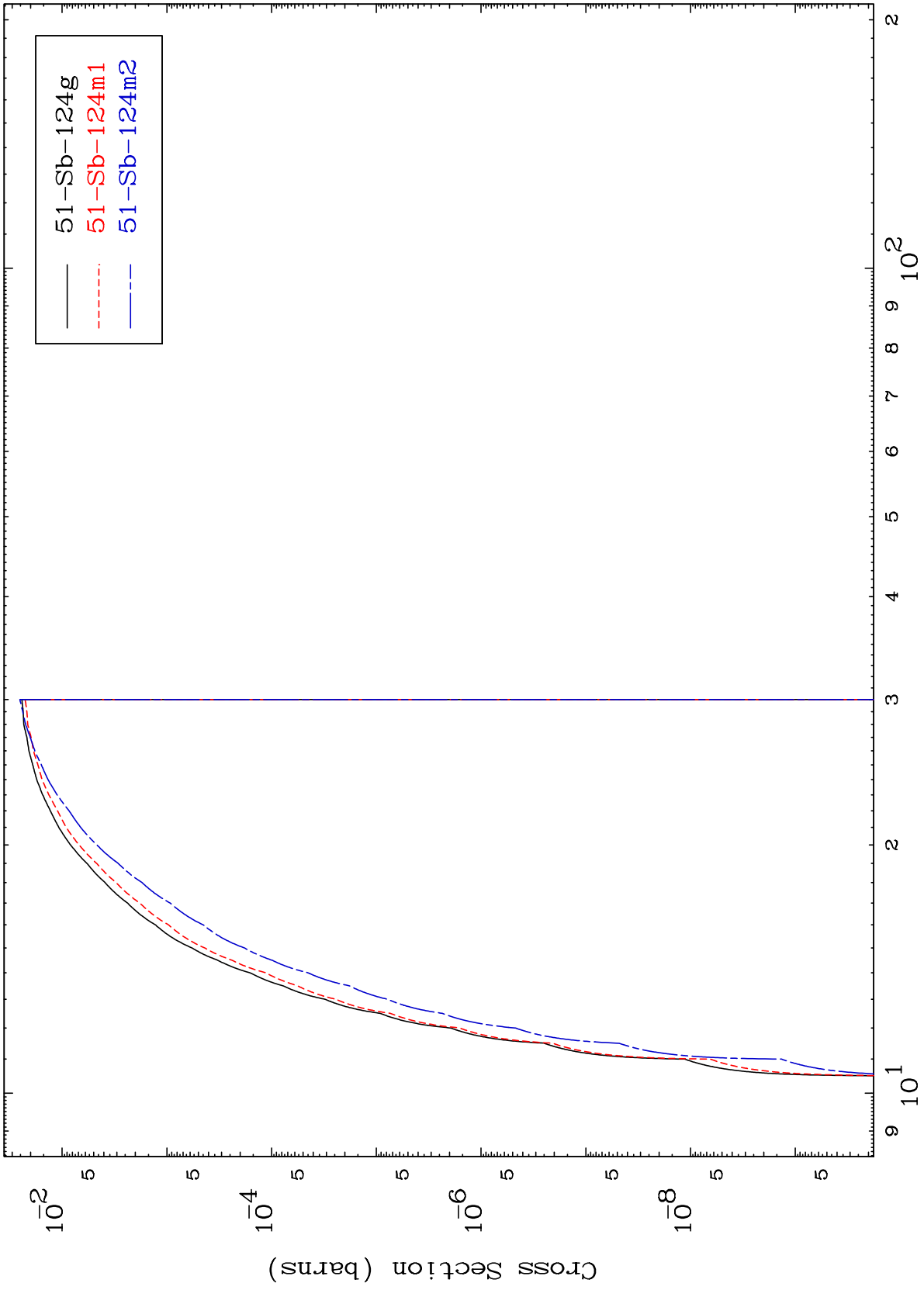
52-Te-125

MAT 5240

(n,n') p

52-Te-125

Radionuclide Production Cross Section



112

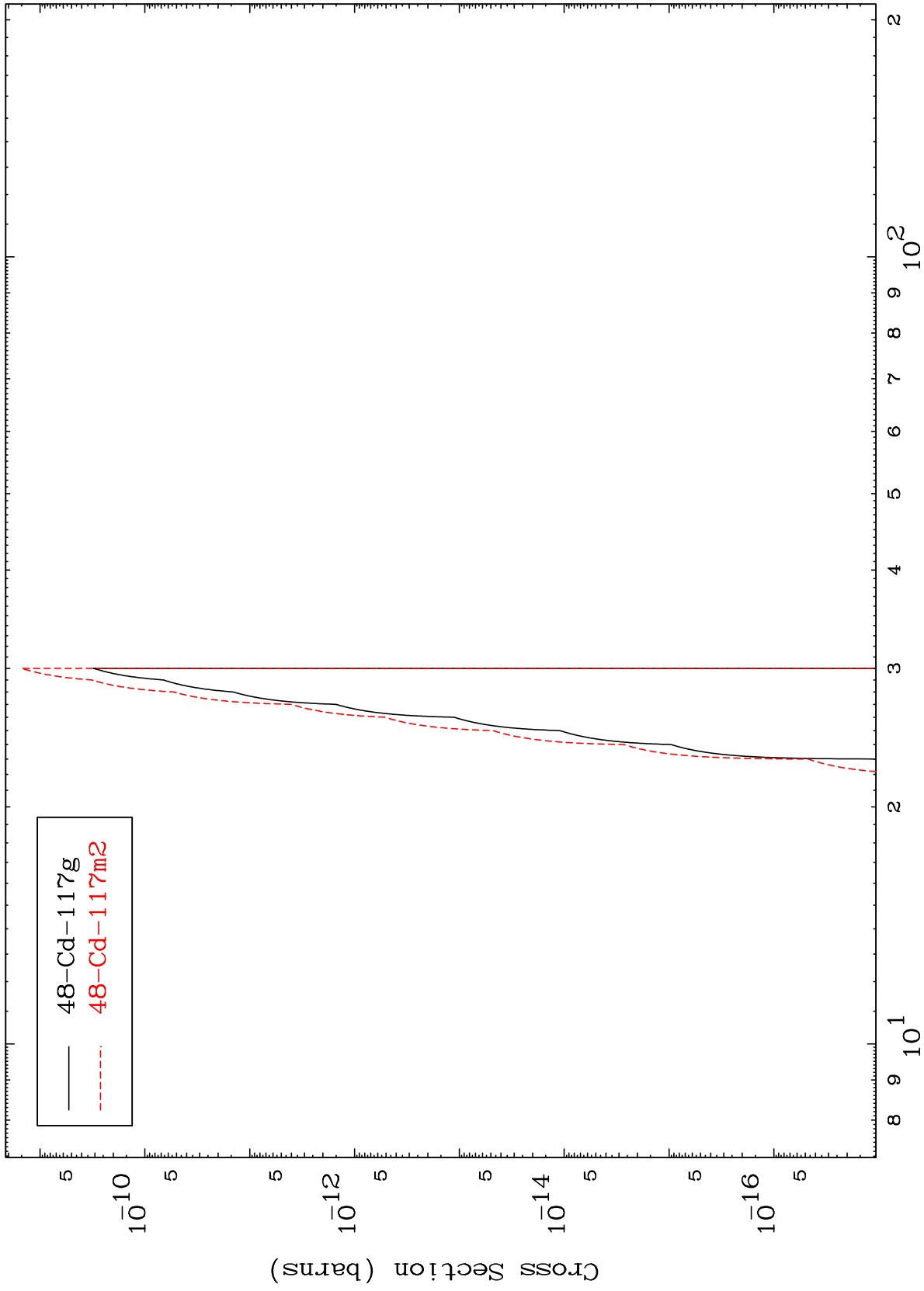
Incident Energy (MeV)

52-Te-125

MAT 5240

52-Te-125

(n,n') 2α
Radionuclide Production Cross Section



113

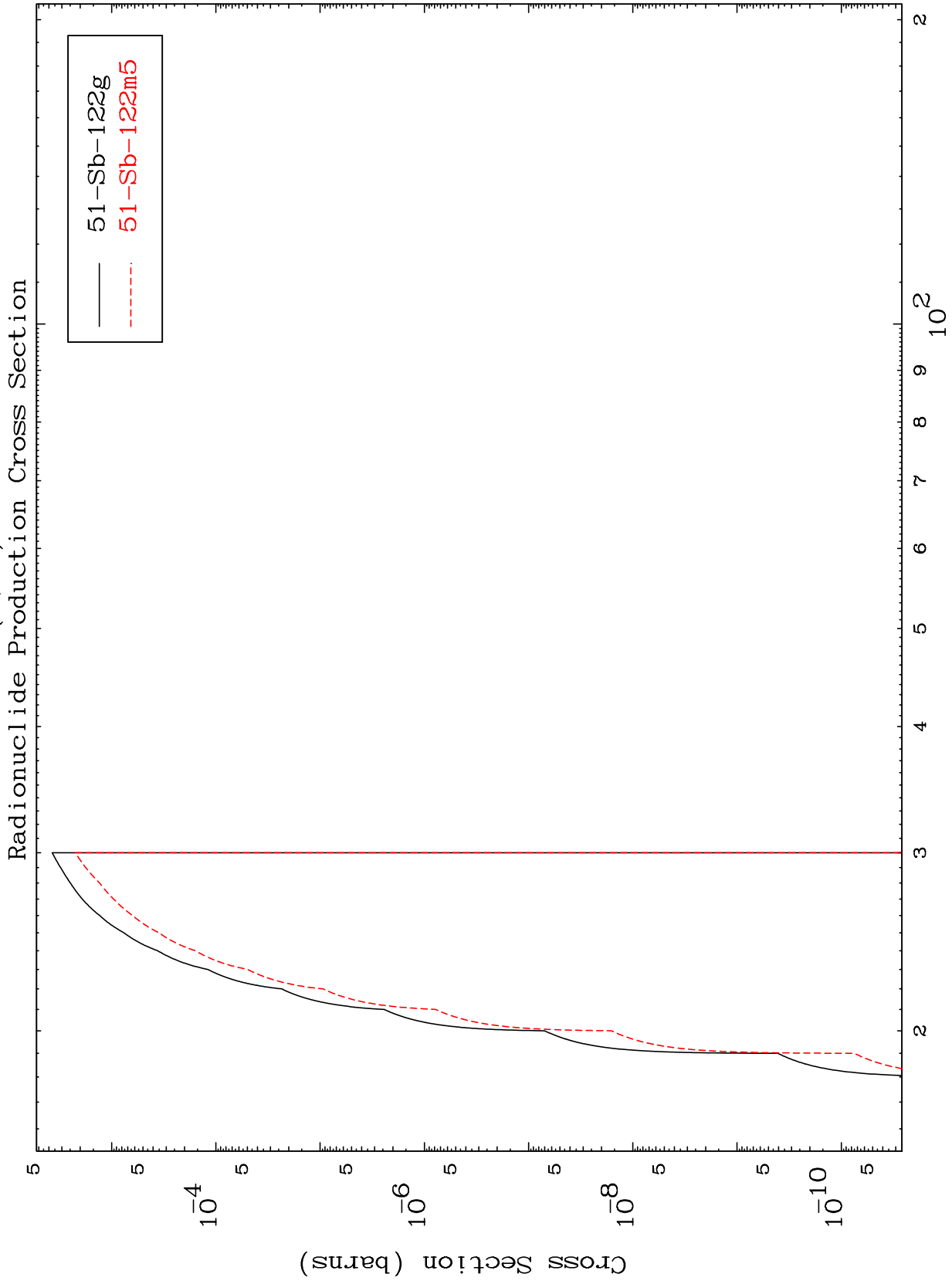
Incident Energy (MeV)

52-Te-125

MAT 5240

(n,n') t

52-Te-125



114

Incident Energy (MeV)

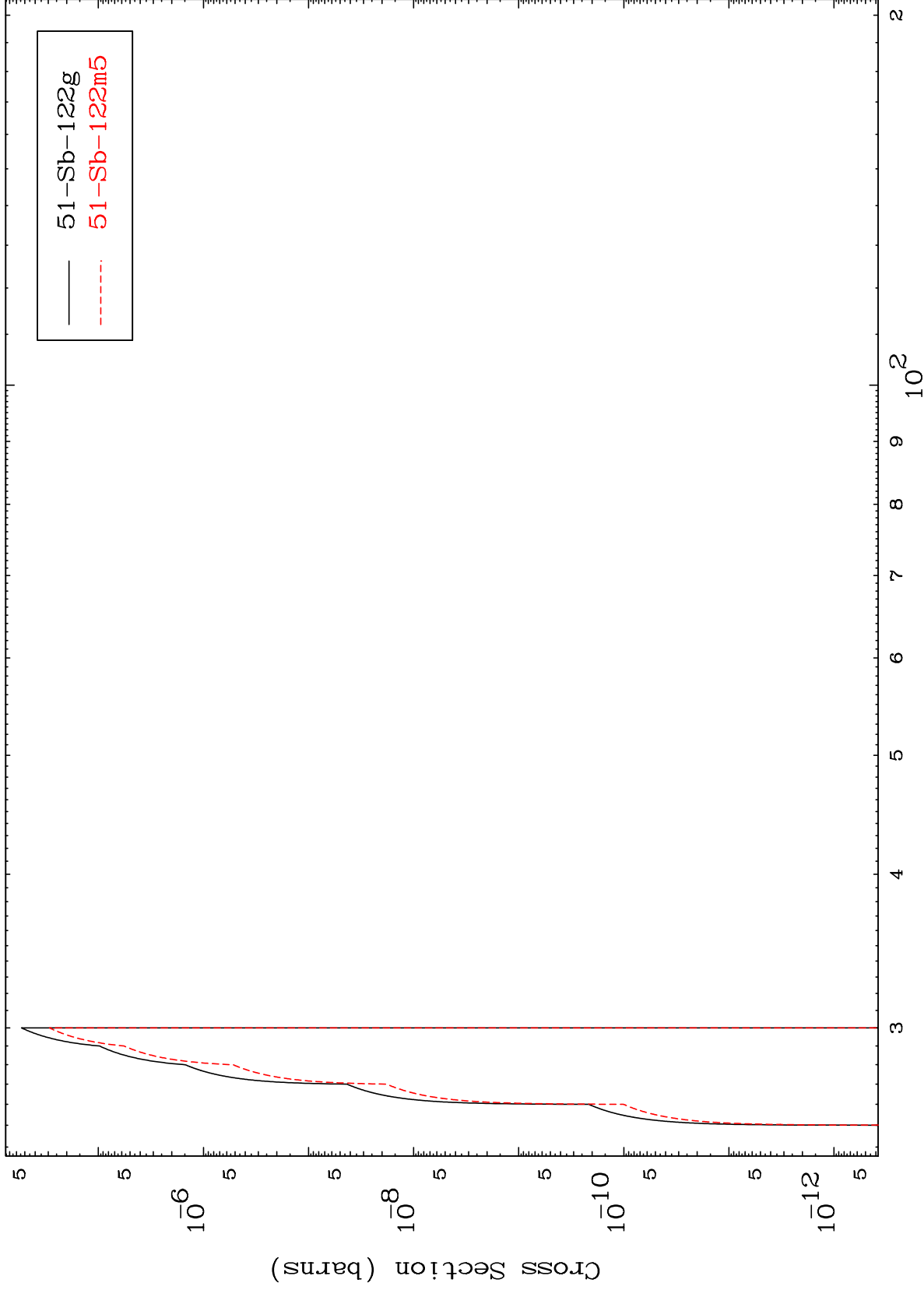
52-Te-125

MAT 5240

(n,3n) p

52-Te-125

Radionuclide Production Cross Section



115

Incident Energy (MeV)

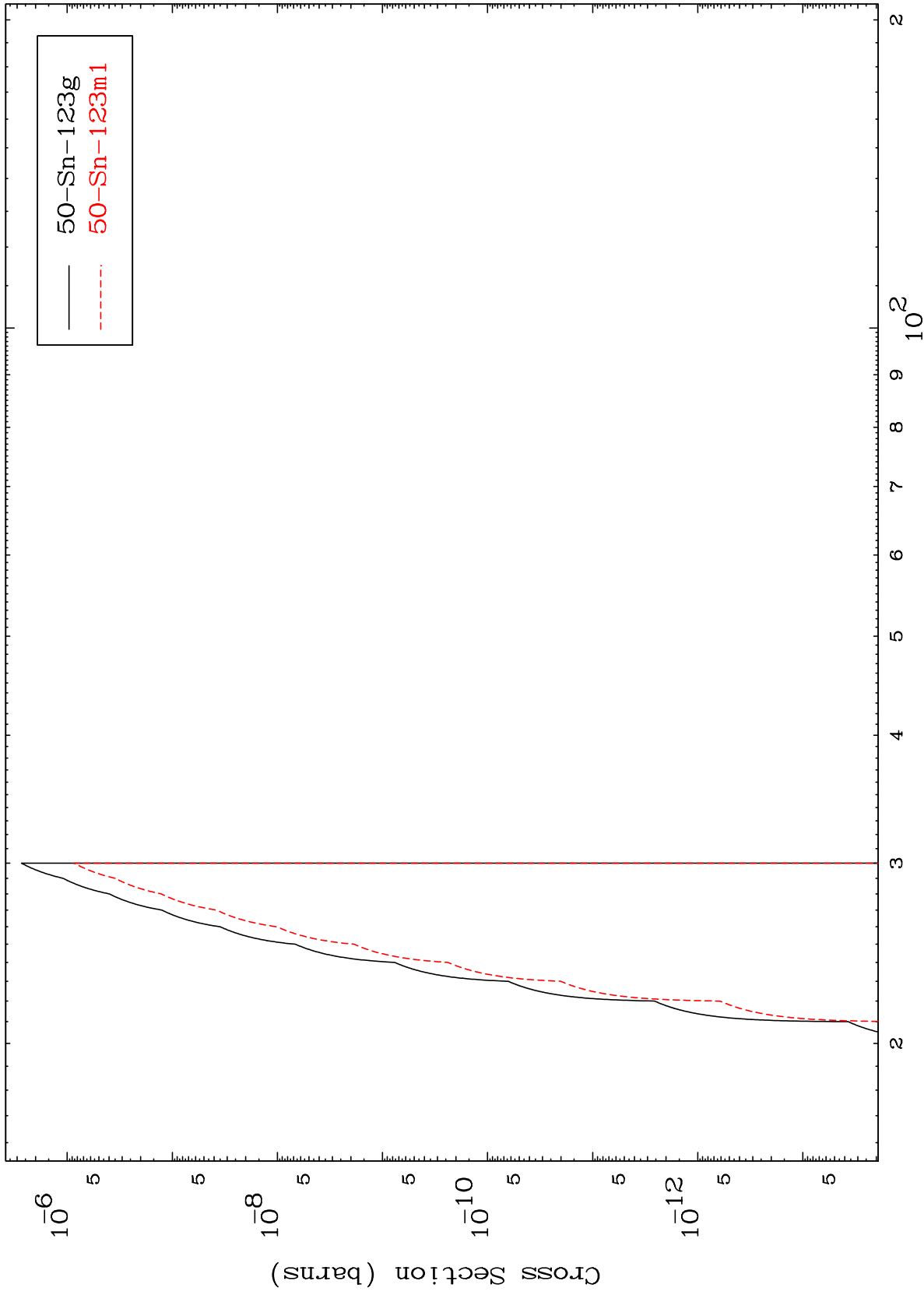
52-Te-125

MAT 5240

(n,2n) p

⁵²Te-125

Radionuclide Production Cross Section

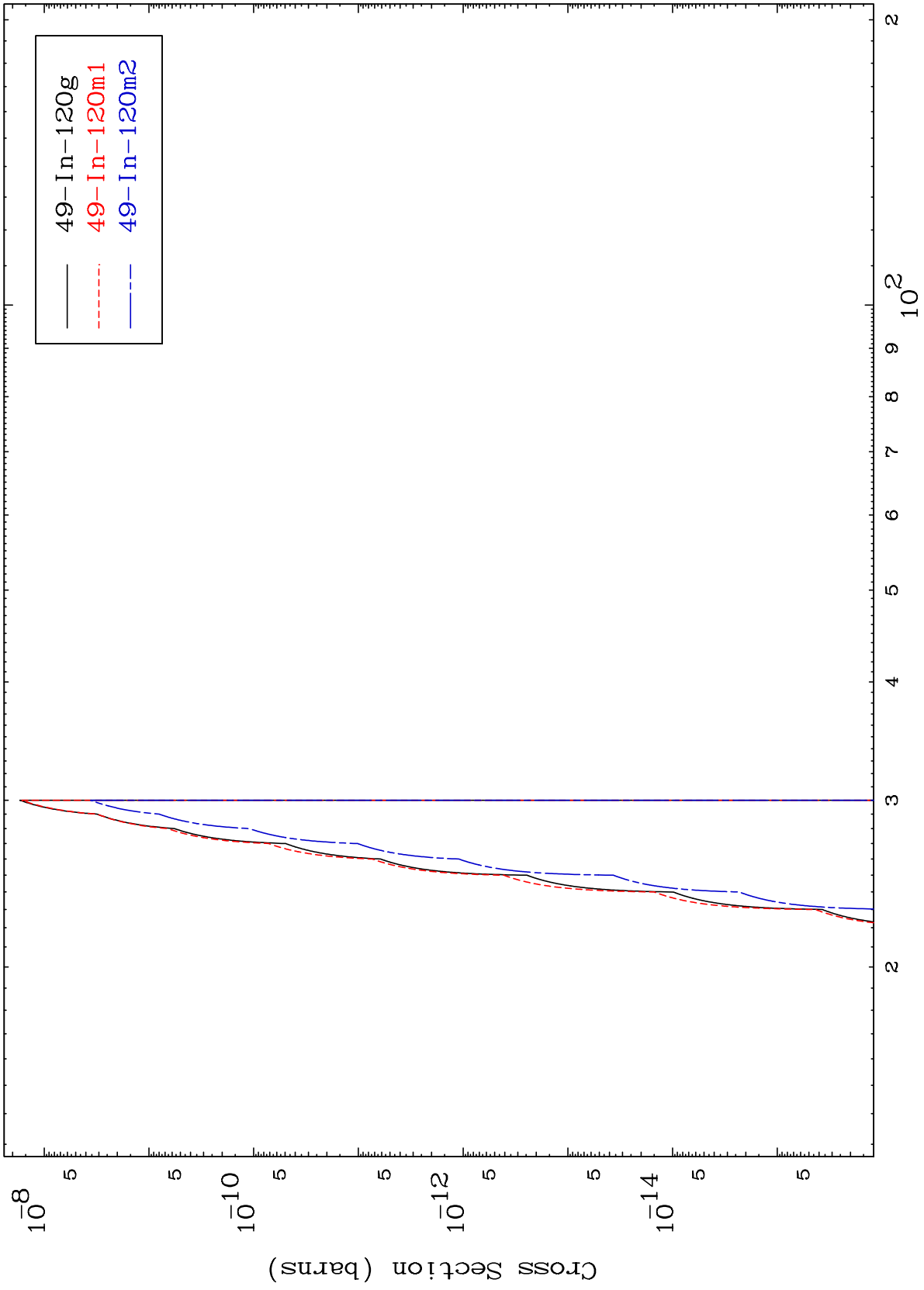


116

Incident Energy (MeV)

⁵²Te-125

Radionuclide Production Cross Section

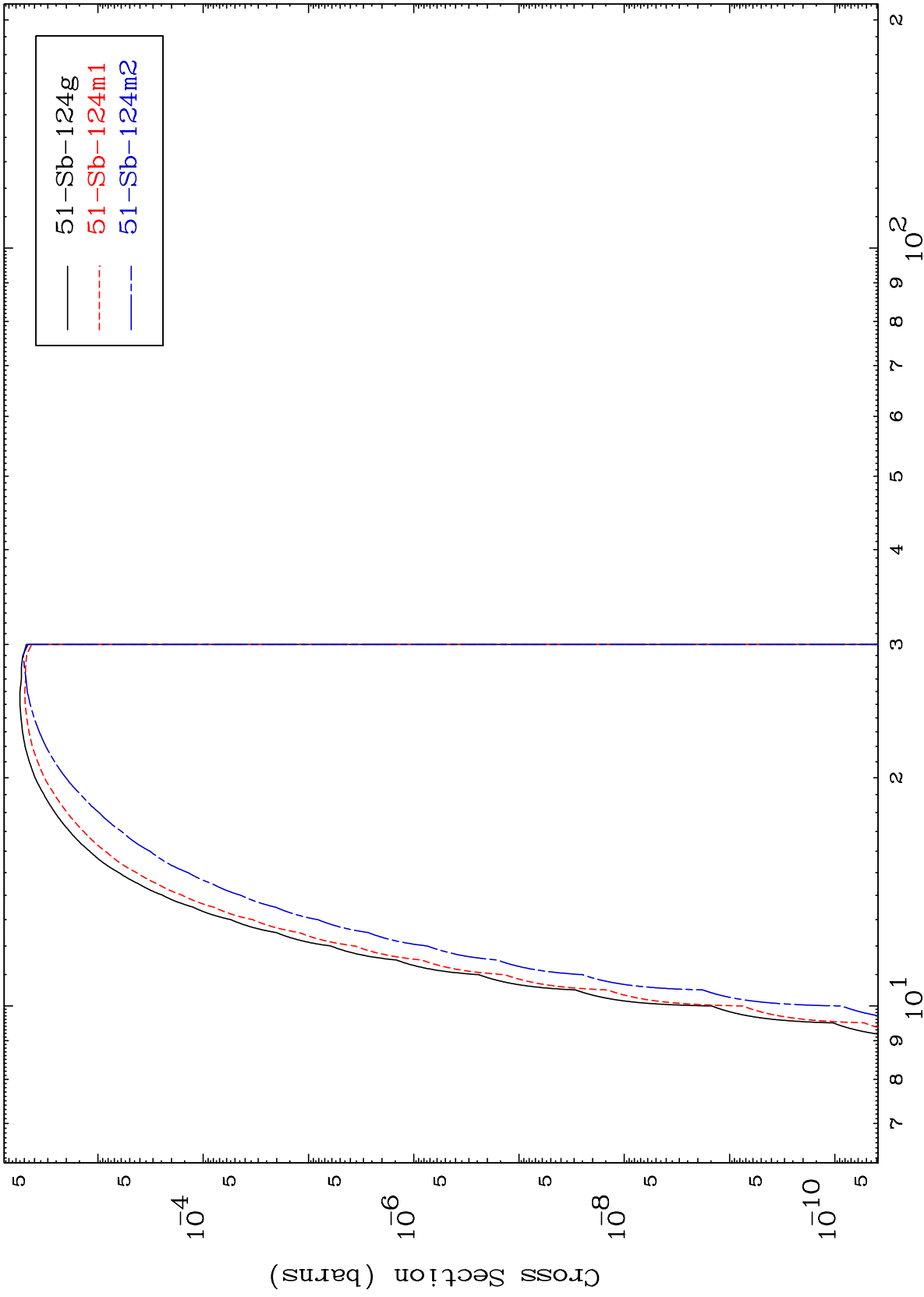


MAT 5240

(n,d)

52-Te-125

Radionuclide Production Cross Section



118

Incident Energy (MeV)

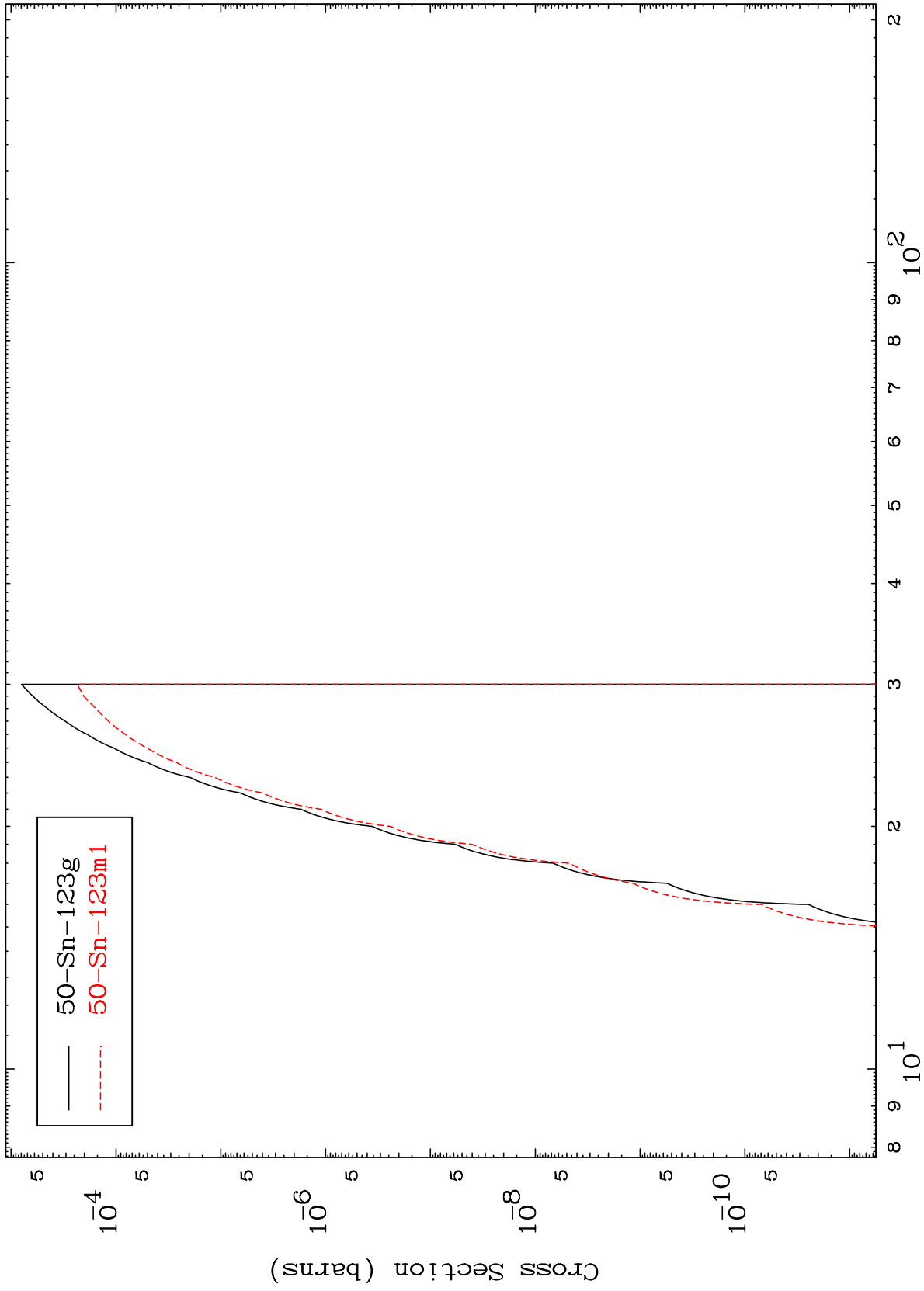
52-Te-125

MAT 5240

(n, He-3)

52-Te-125

Radionuclide Production Cross Section



119

Incident Energy (MeV)

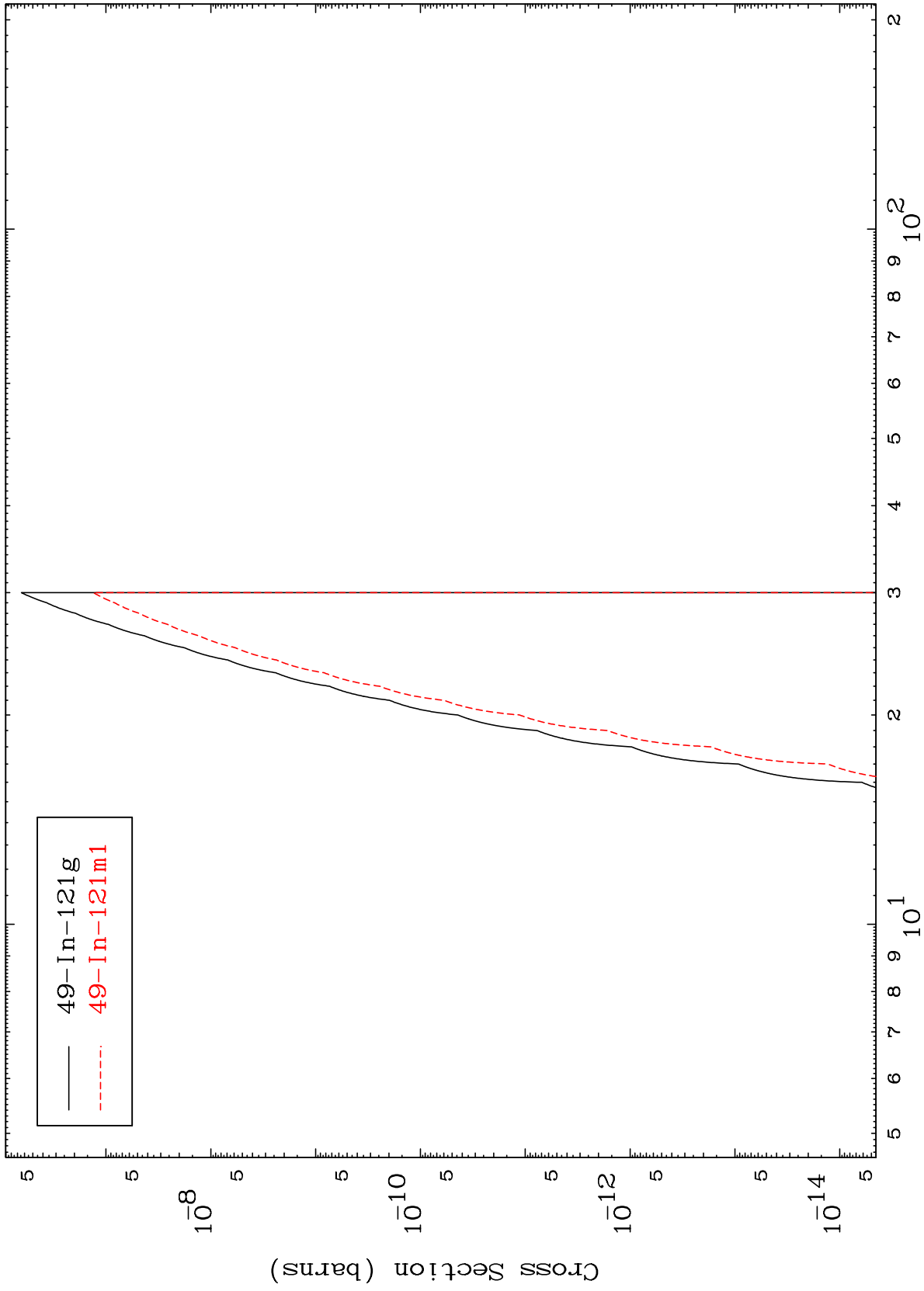
52-Te-125

MAT 5240

(n,p) α

52-Te-125

Radionuclide Production Cross Section



— 49-In-121g
- - - 49-In-121m1

120

Incident Energy (MeV)

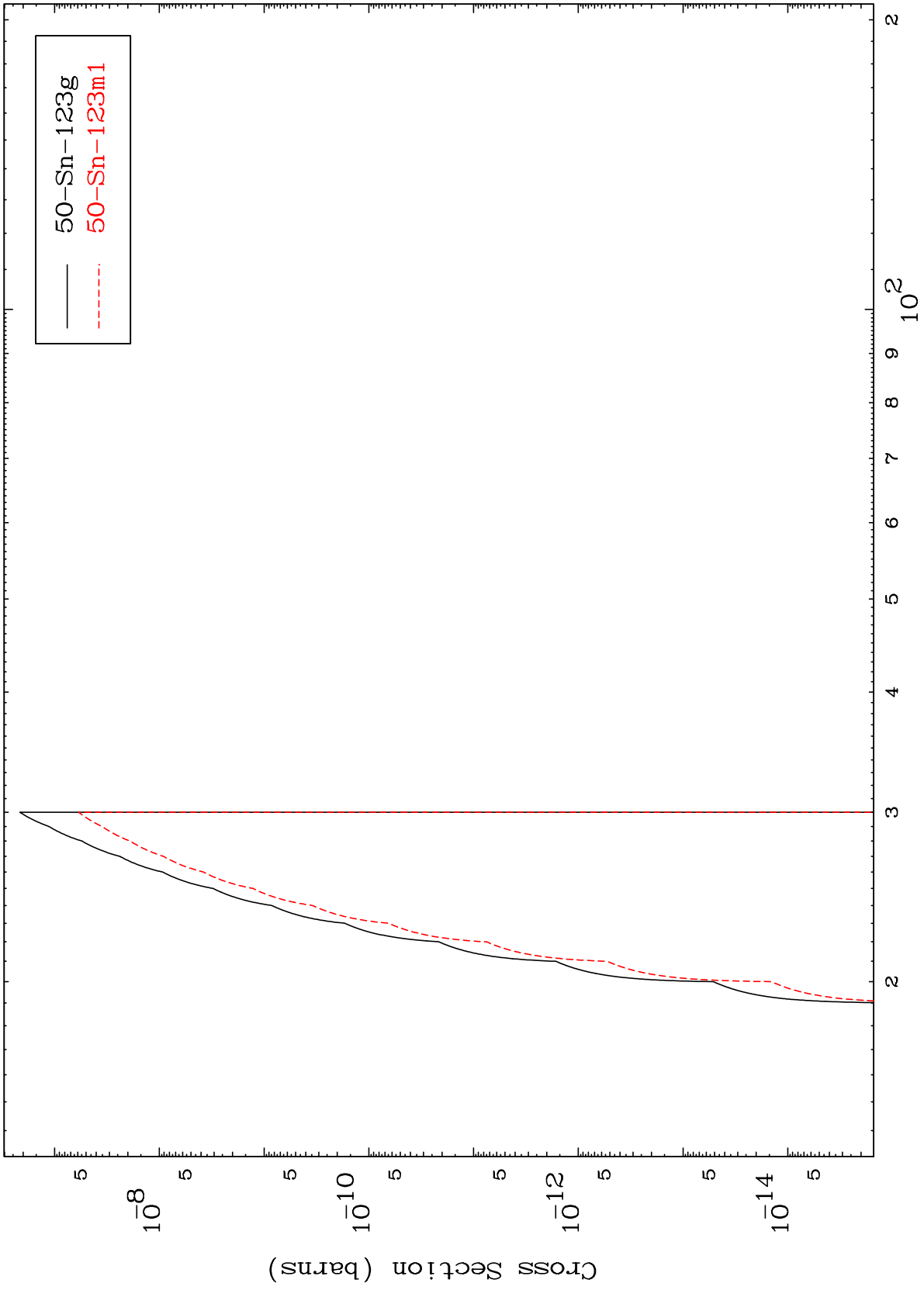
52-Te-125

MAT 5240

(n,p) d

⁵²Te-125

Radionuclide Production Cross Section



121

Incident Energy (MeV)

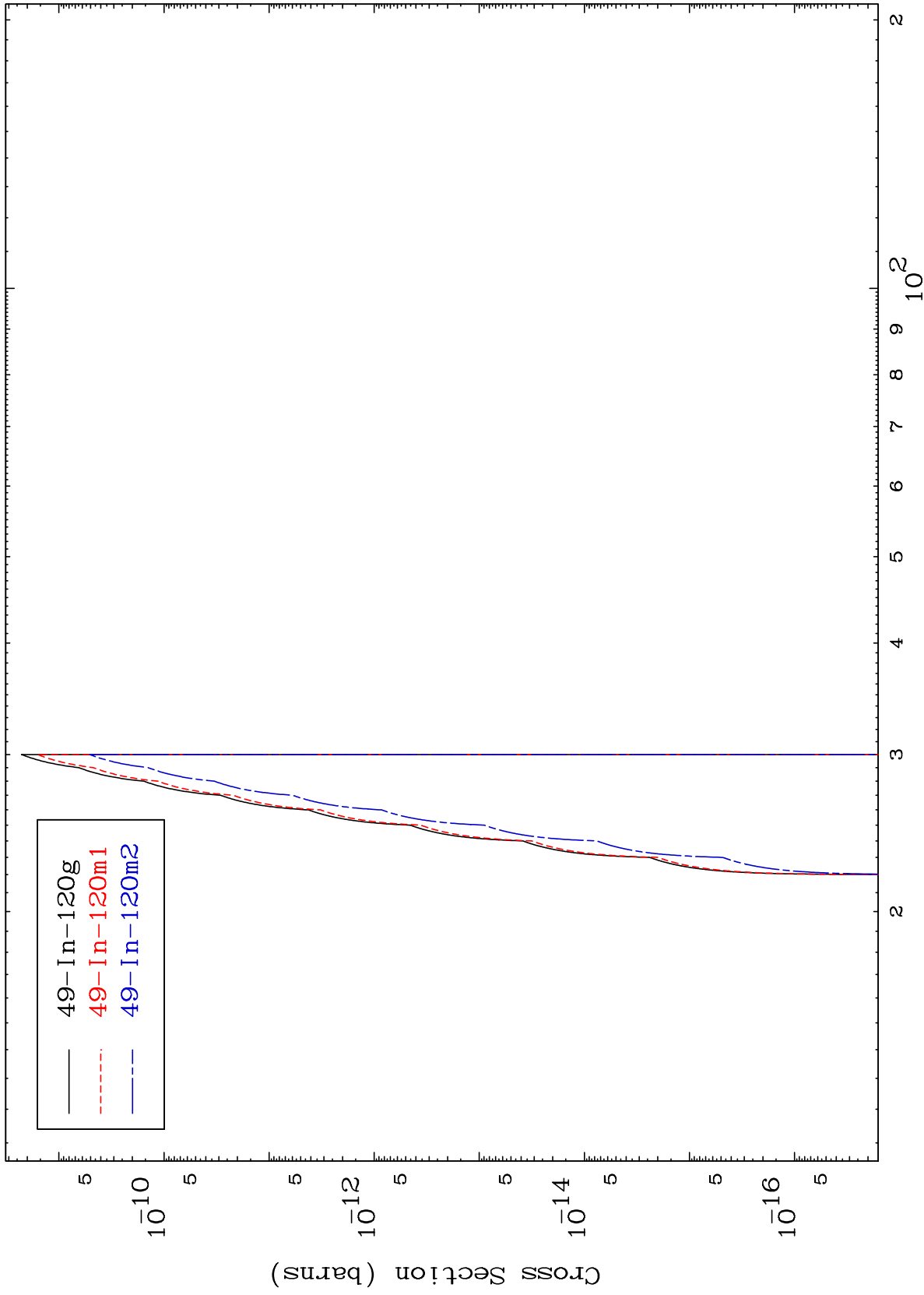
⁵²Te-125

MAT 5240

(n,d) α

52-Te-125

Radionuclide Production Cross Section



122

Incident Energy (MeV)

52-Te-125