

Program EVALPLOT
(Version 2018-1)

by

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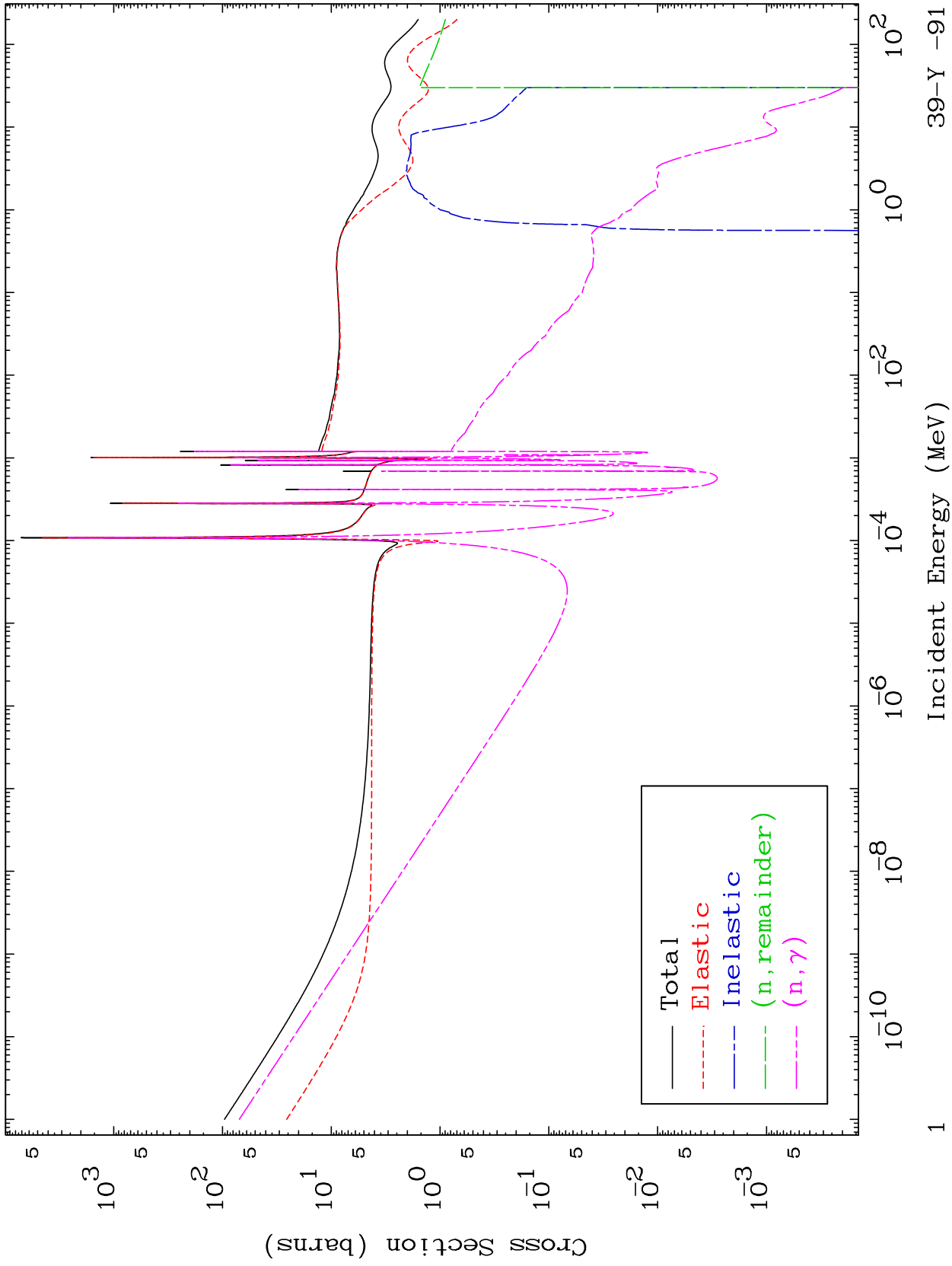
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3931

Major
293 Kelvin Cross Sections

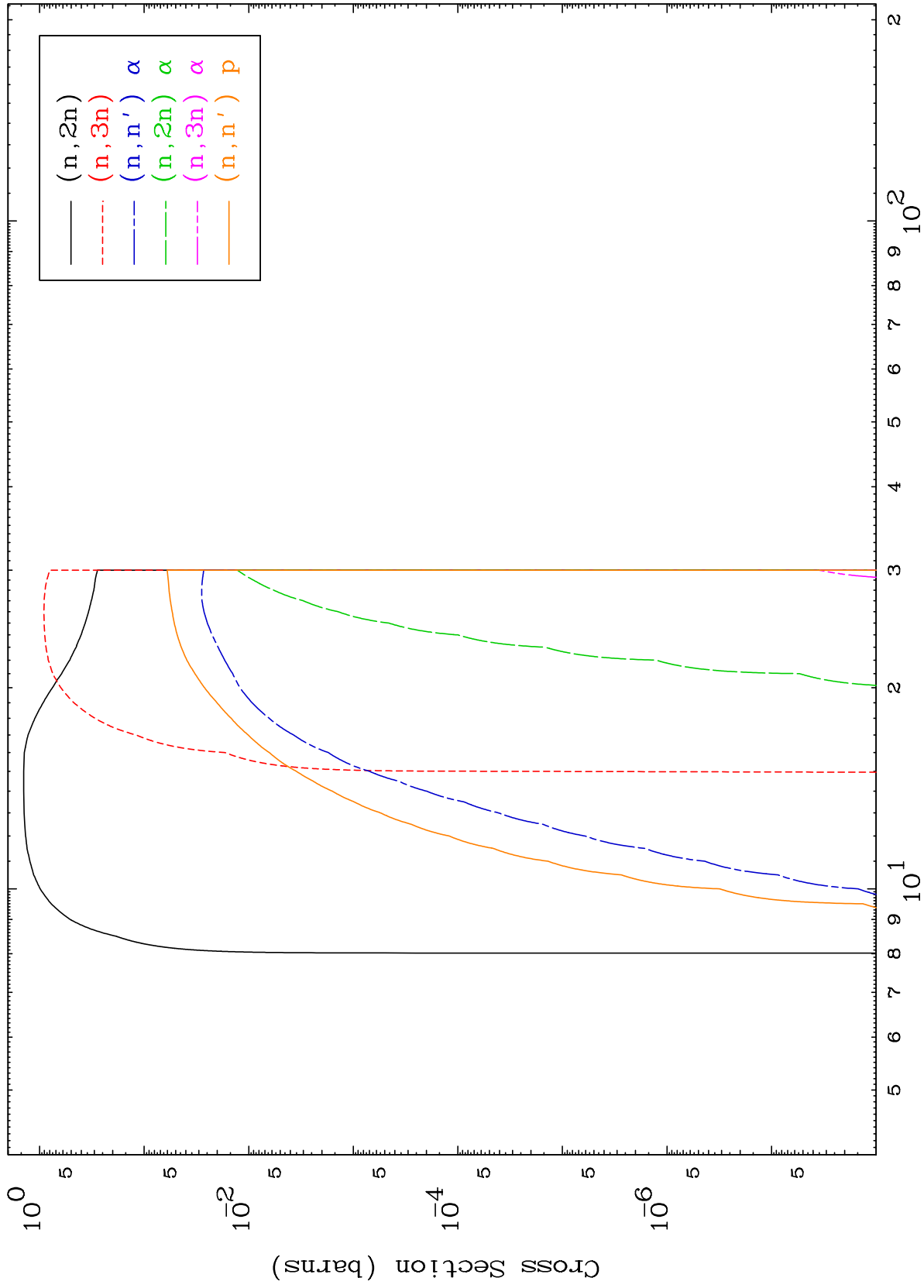
39-Y -91



MAT 3931

Neutron Production
293 Kelvin Cross Sections

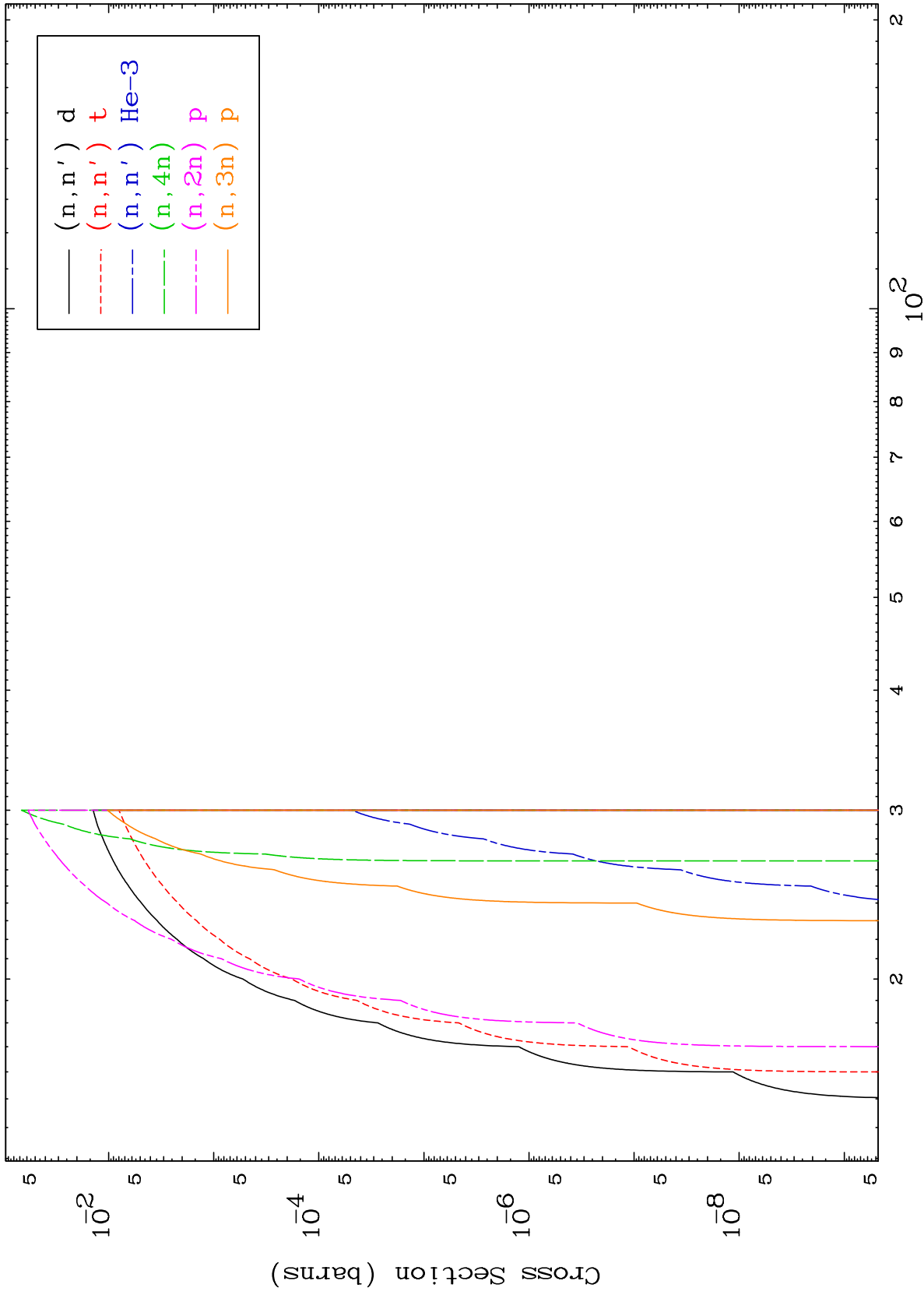
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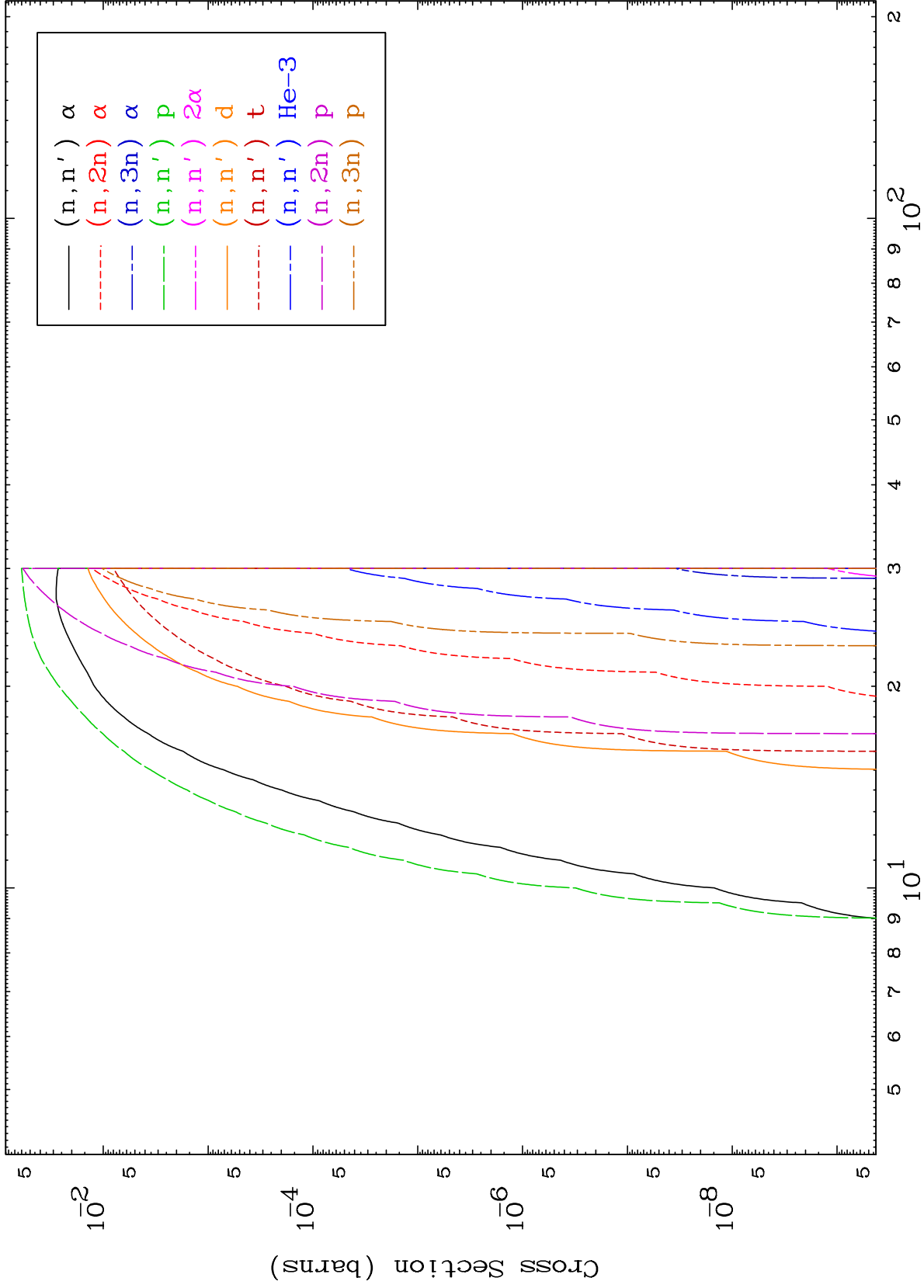


2

Incident Energy (MeV)

39-Y -91

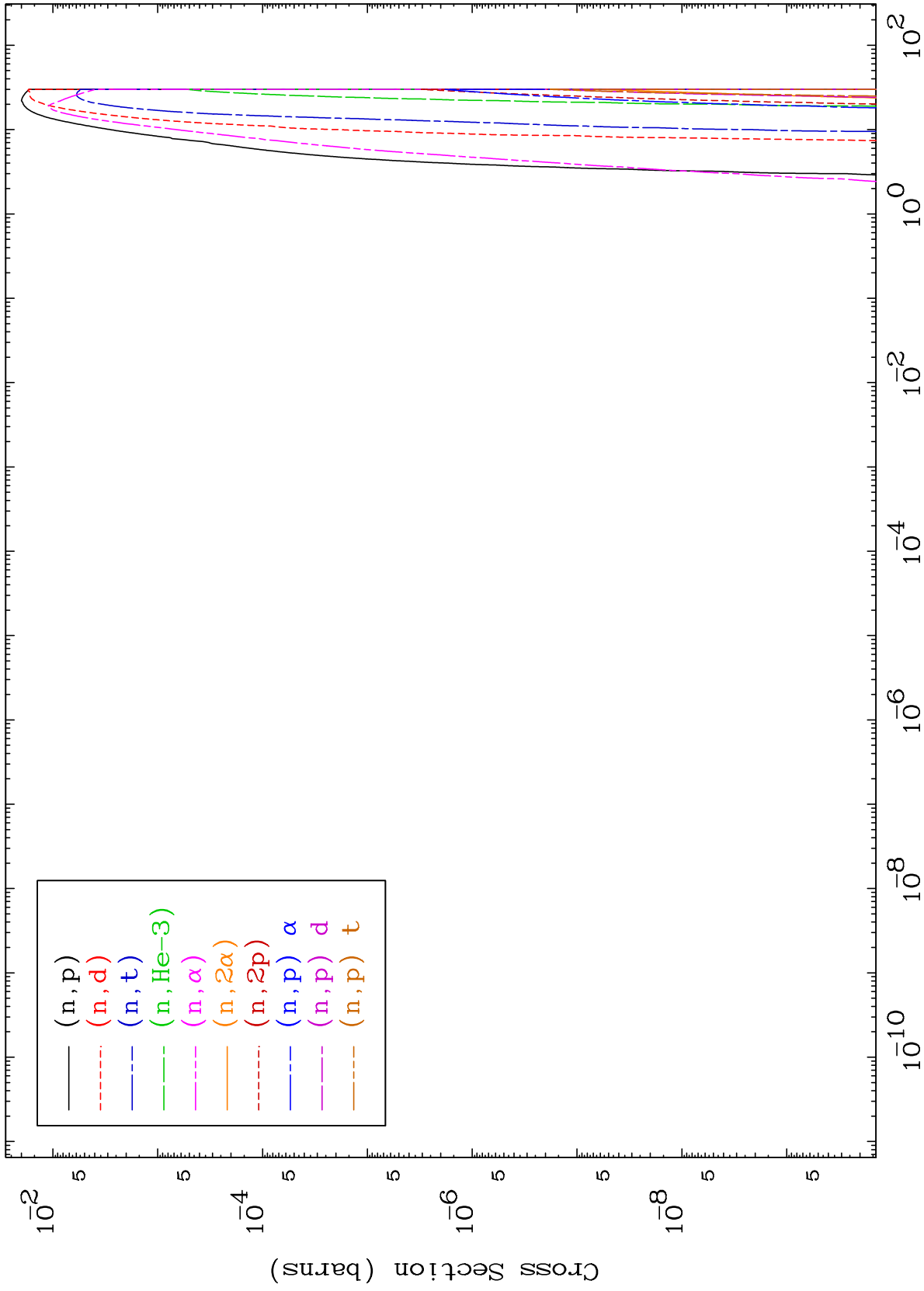




MAT 3931

Charged Particle
293 Kelvin Cross Sections

39-Y -91



5

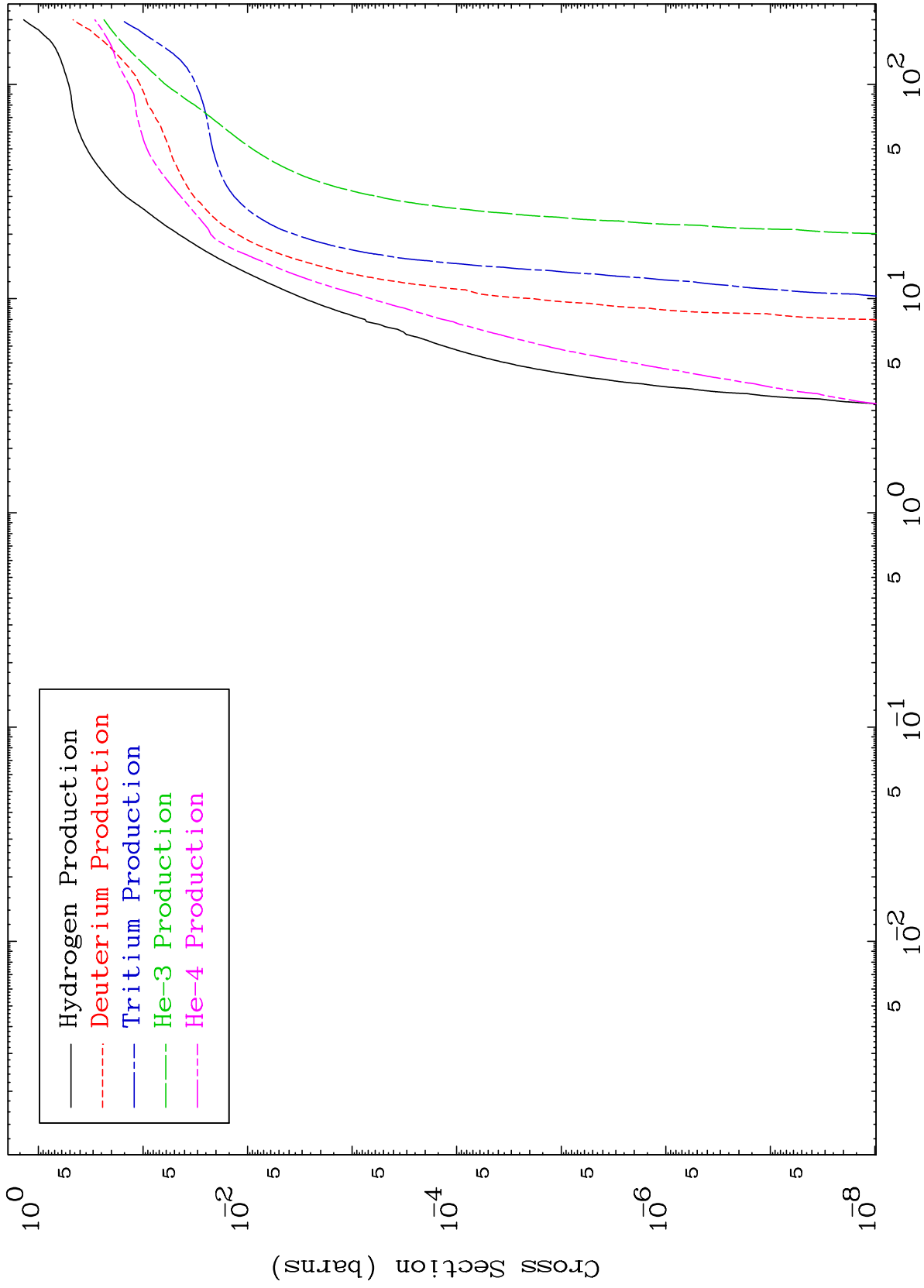
Incident Energy (MeV)

39-Y -91

MAT 3931

Particle Production
293 Kelvin Cross Sections

39-Y -91



6

Incident Energy (MeV)

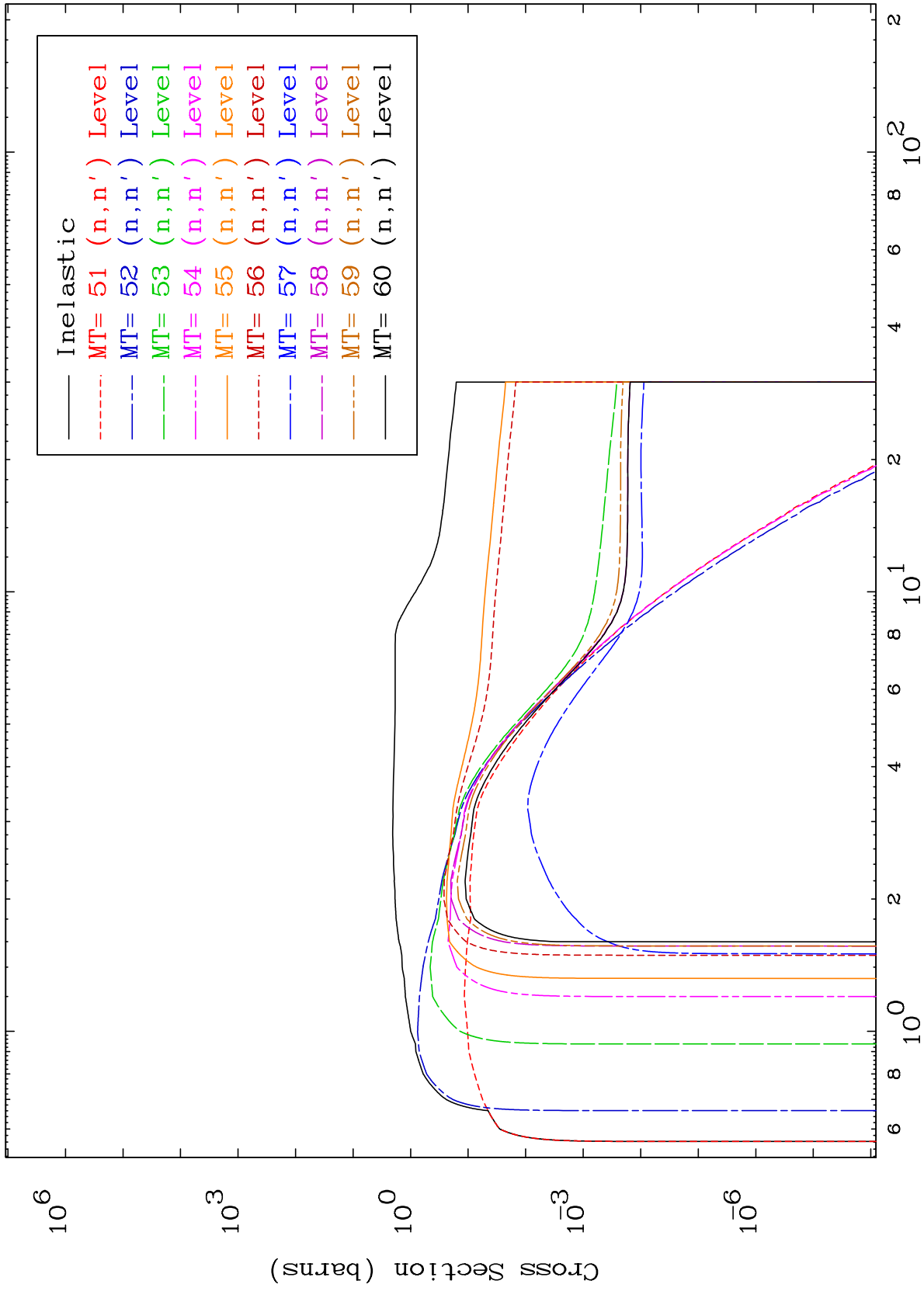
39-Y -91

MAT 3931

(n,n') Level

39-Y -91

293 Kelvin Cross Sections



7

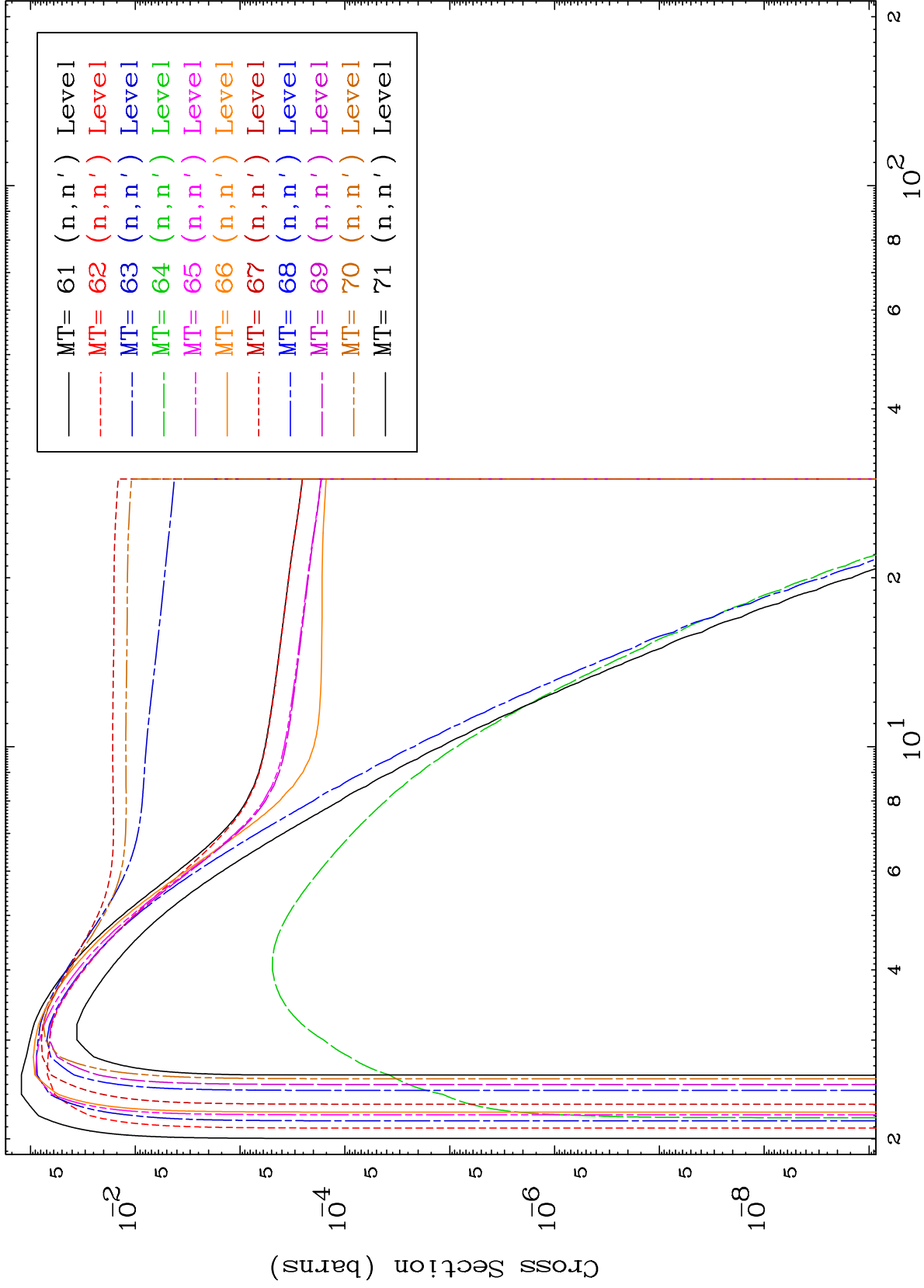
Incident Energy (MeV)

39-Y -91

MAT 3931

(n,n') Level
293 Kelvin Cross Sections

39-Y -91



8

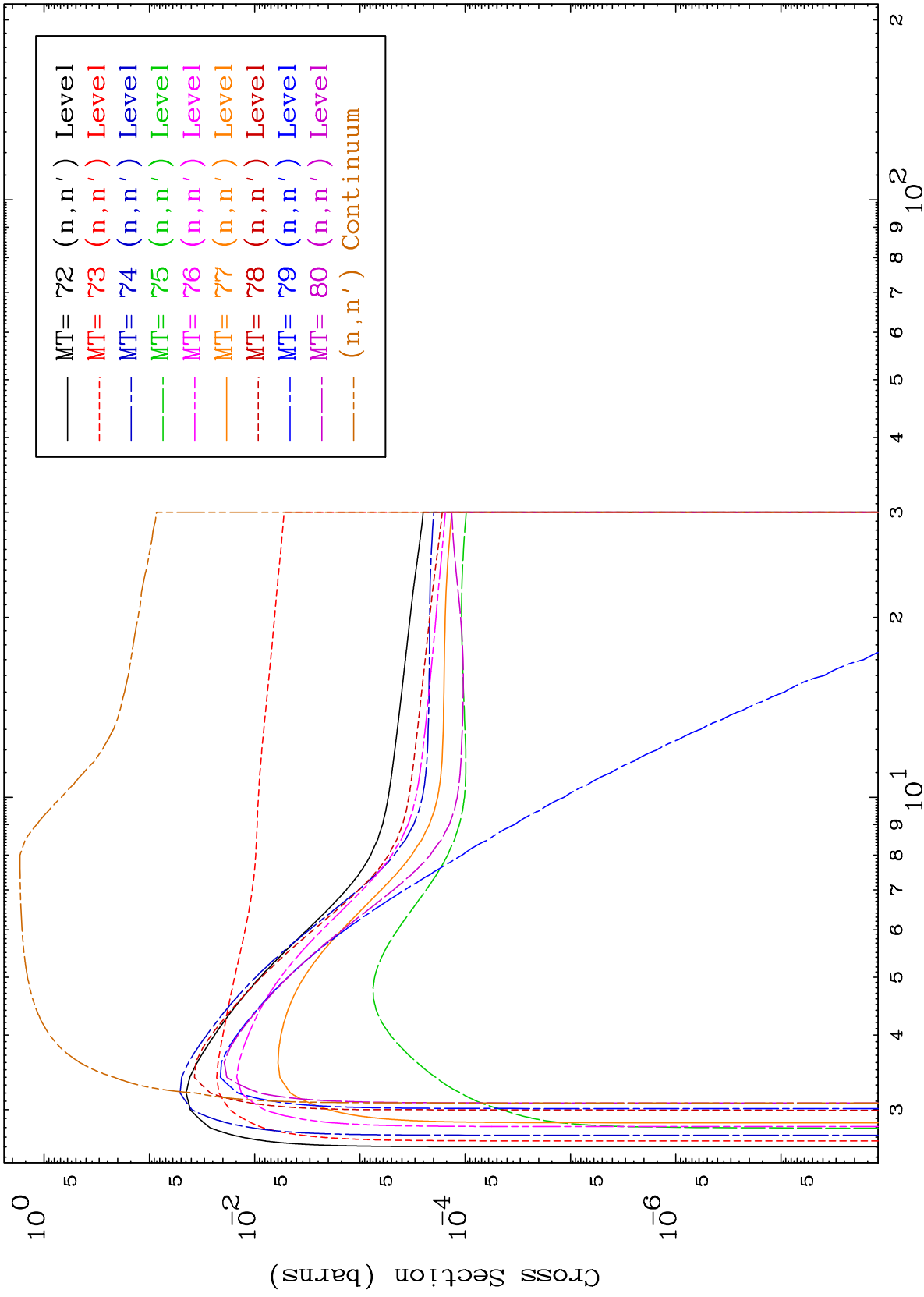
Incident Energy (MeV)

39-Y -91

MAT 3931

(n,n') Level
293 Kelvin Cross Sections

39-Y -91



9

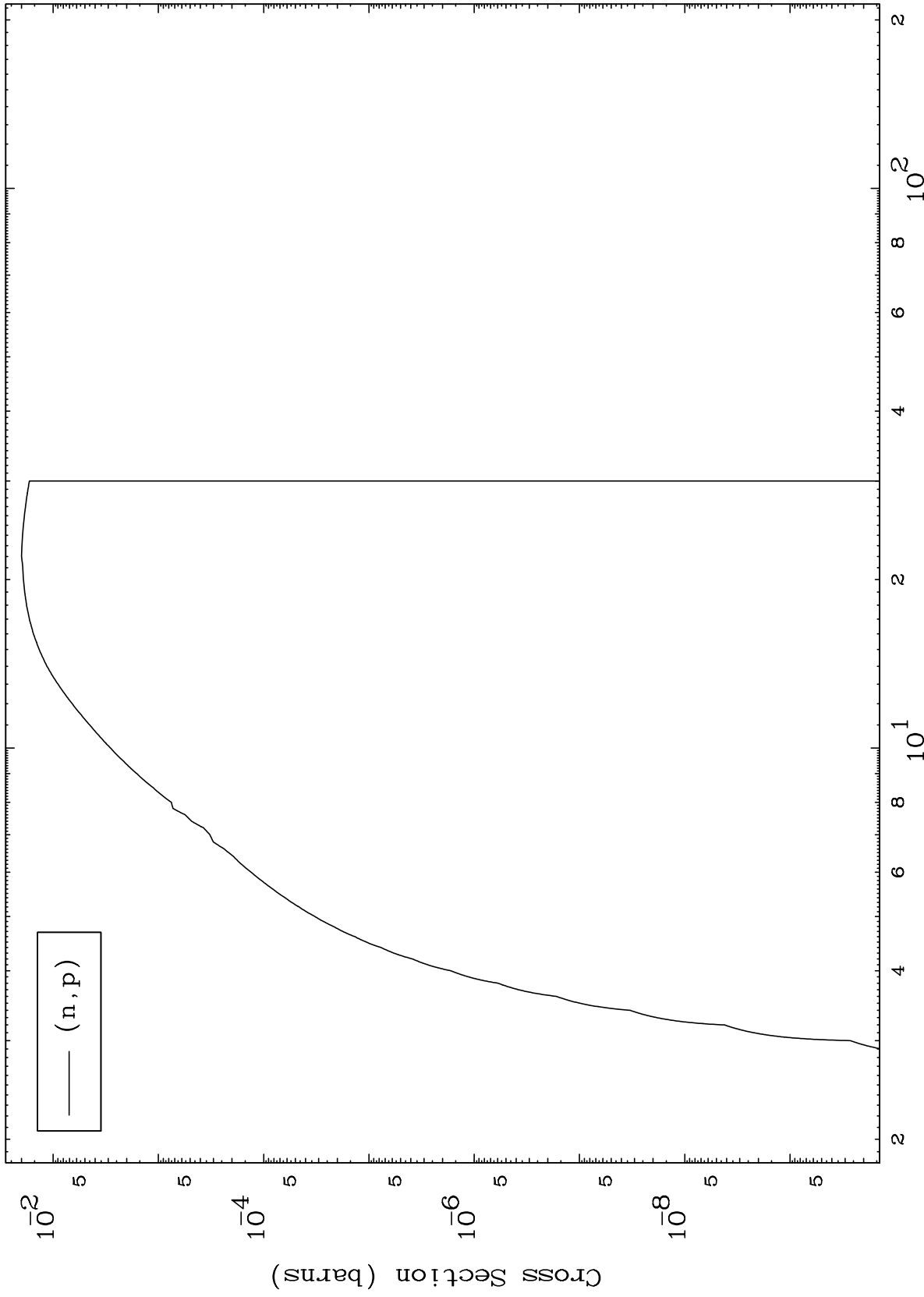
Incident Energy (MeV)

39-Y -91

MAT 3931

(n,p) Levels
293 Kelvin Cross Sections

39-Y -91



10

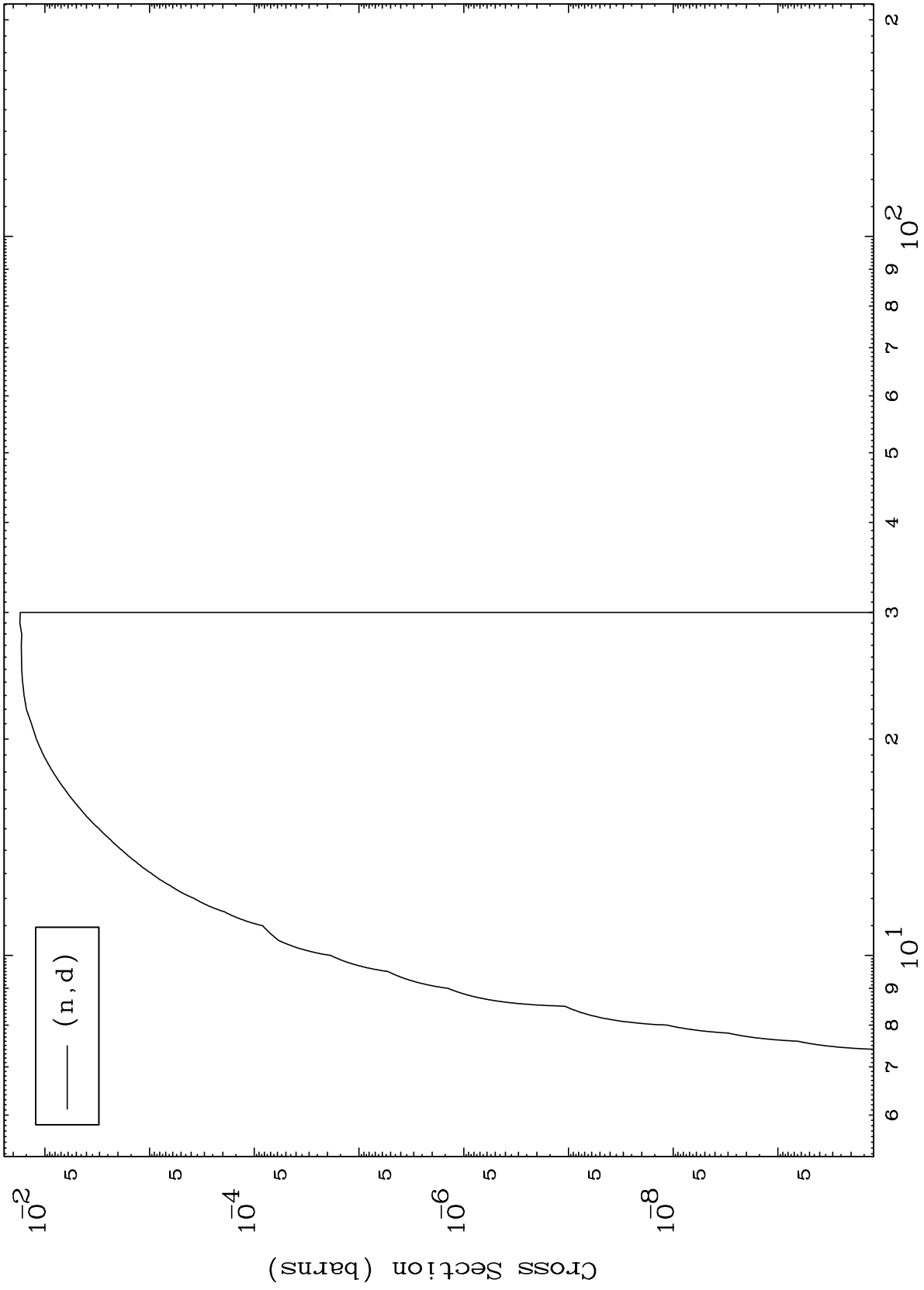
Incident Energy (MeV)

39-Y -91

MAT 3931

(n,d) Levels
293 Kelvin Cross Sections

39-Y -91



11

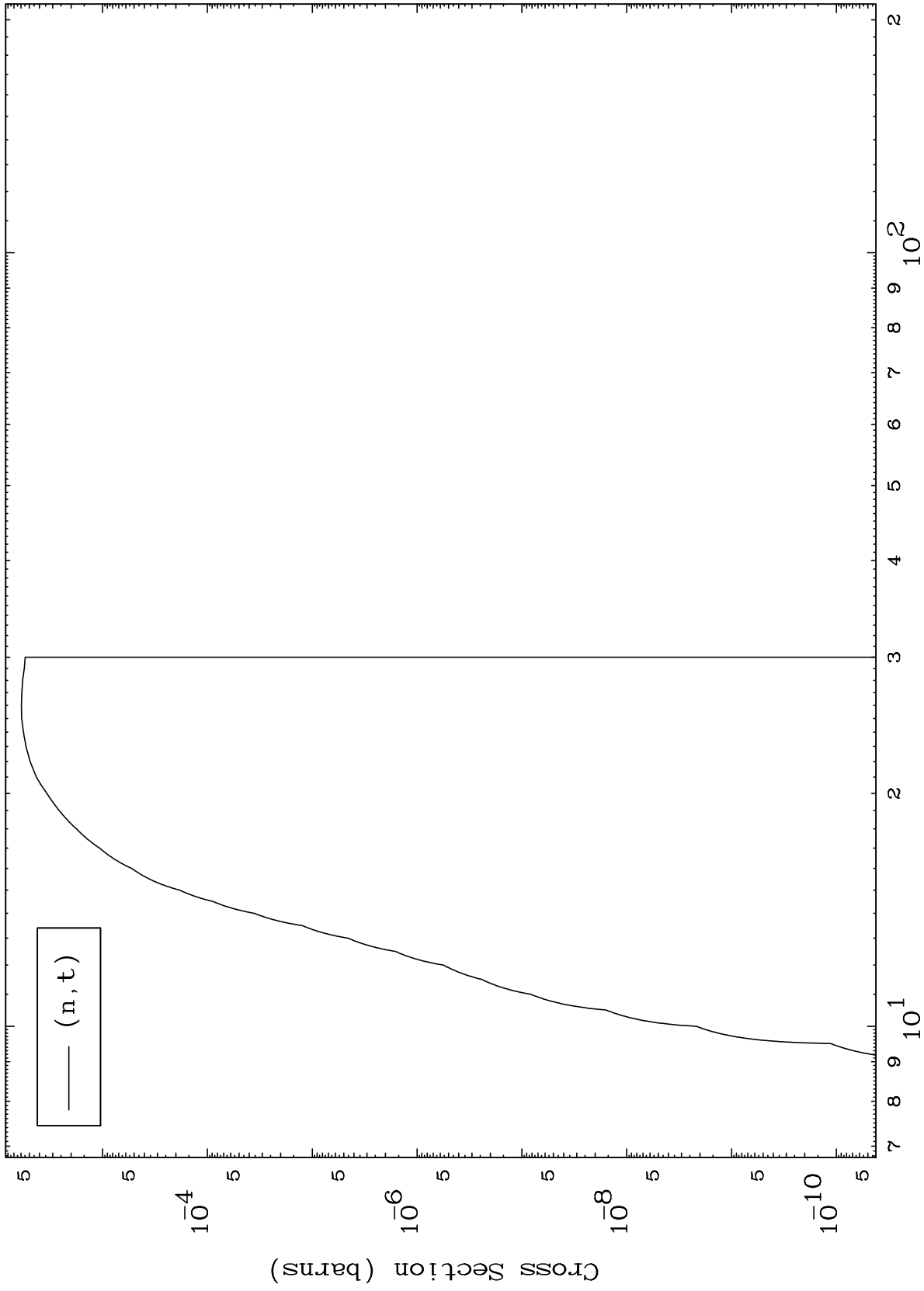
Incident Energy (MeV)

39-Y -91

MAT 3931

(n,t) Levels
293 Kelvin Cross Sections

39-Y -91



12

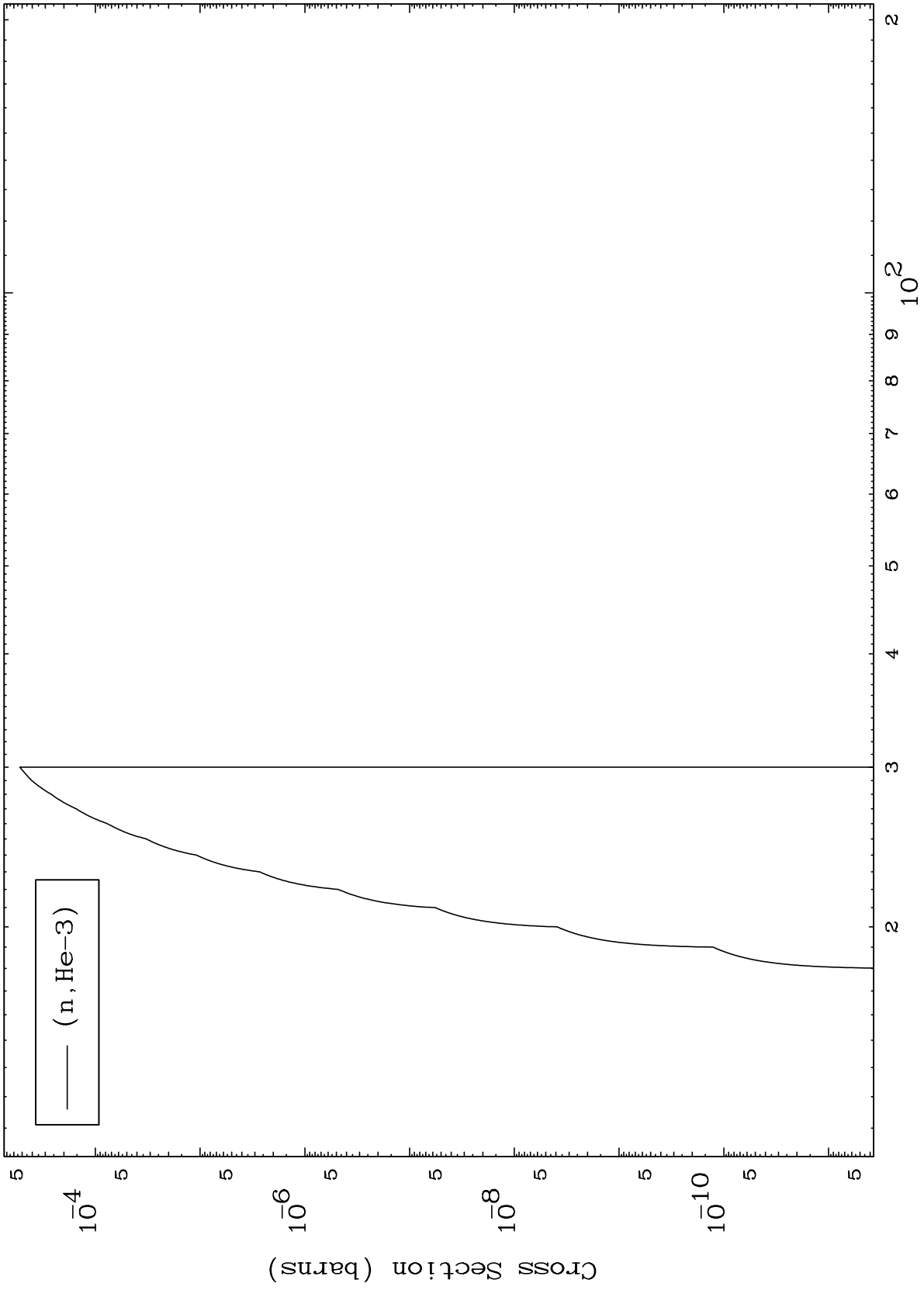
Incident Energy (MeV)

39-Y -91

MAT 3931

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -91



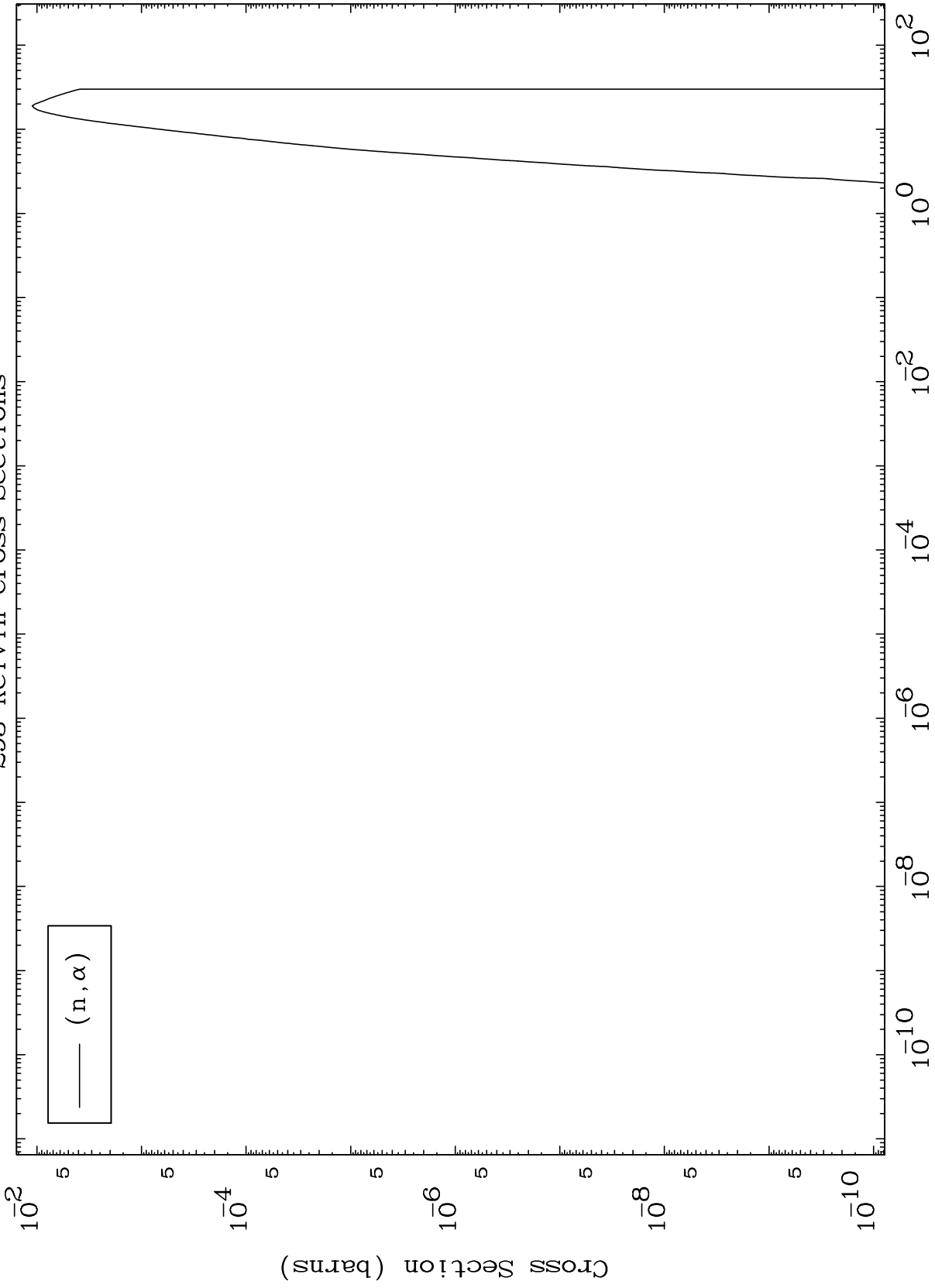
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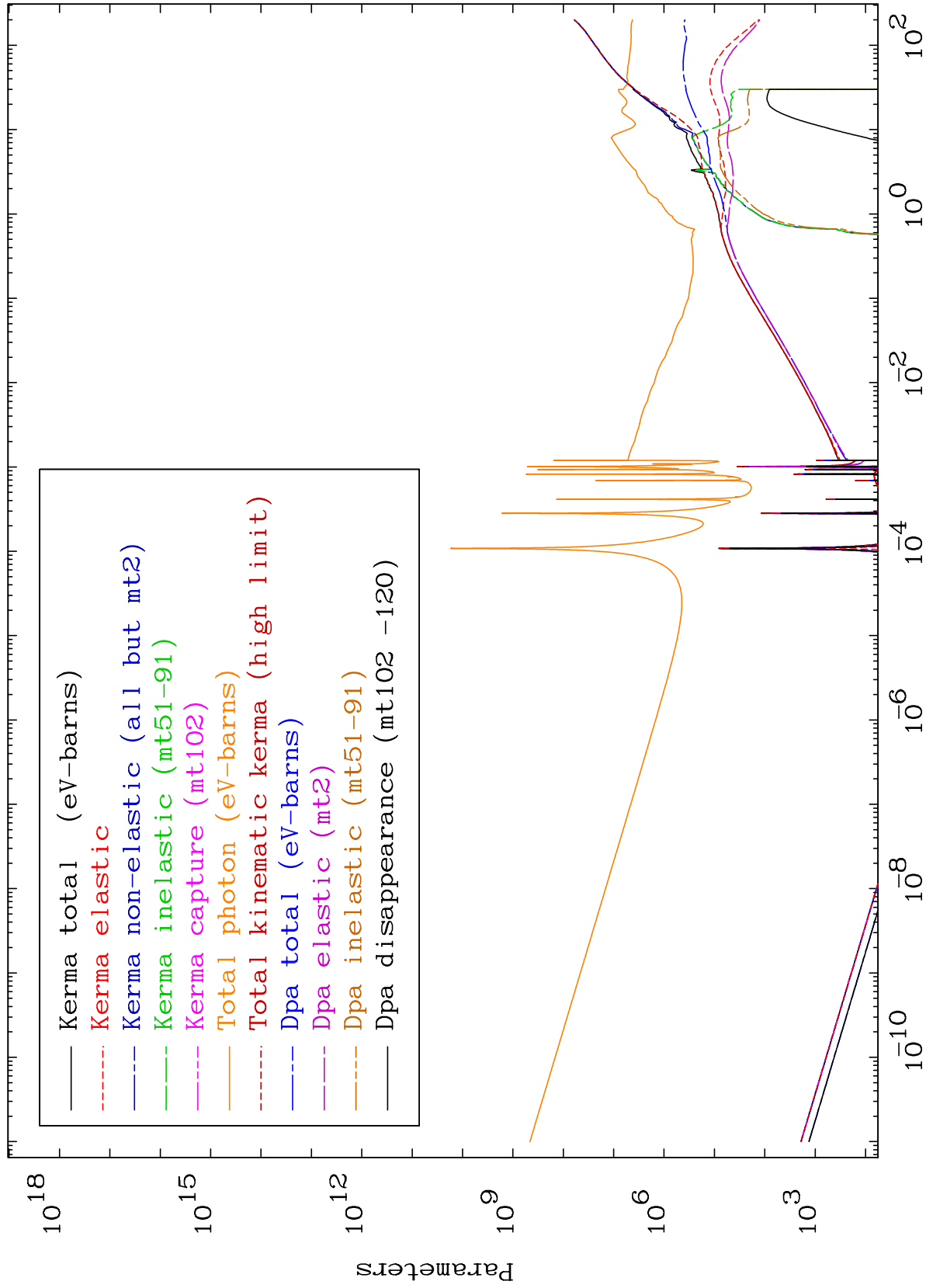
39-Y -91

MAT 3931

(n, α) Levels
293 Kelvin Cross Sections

39-Y -91

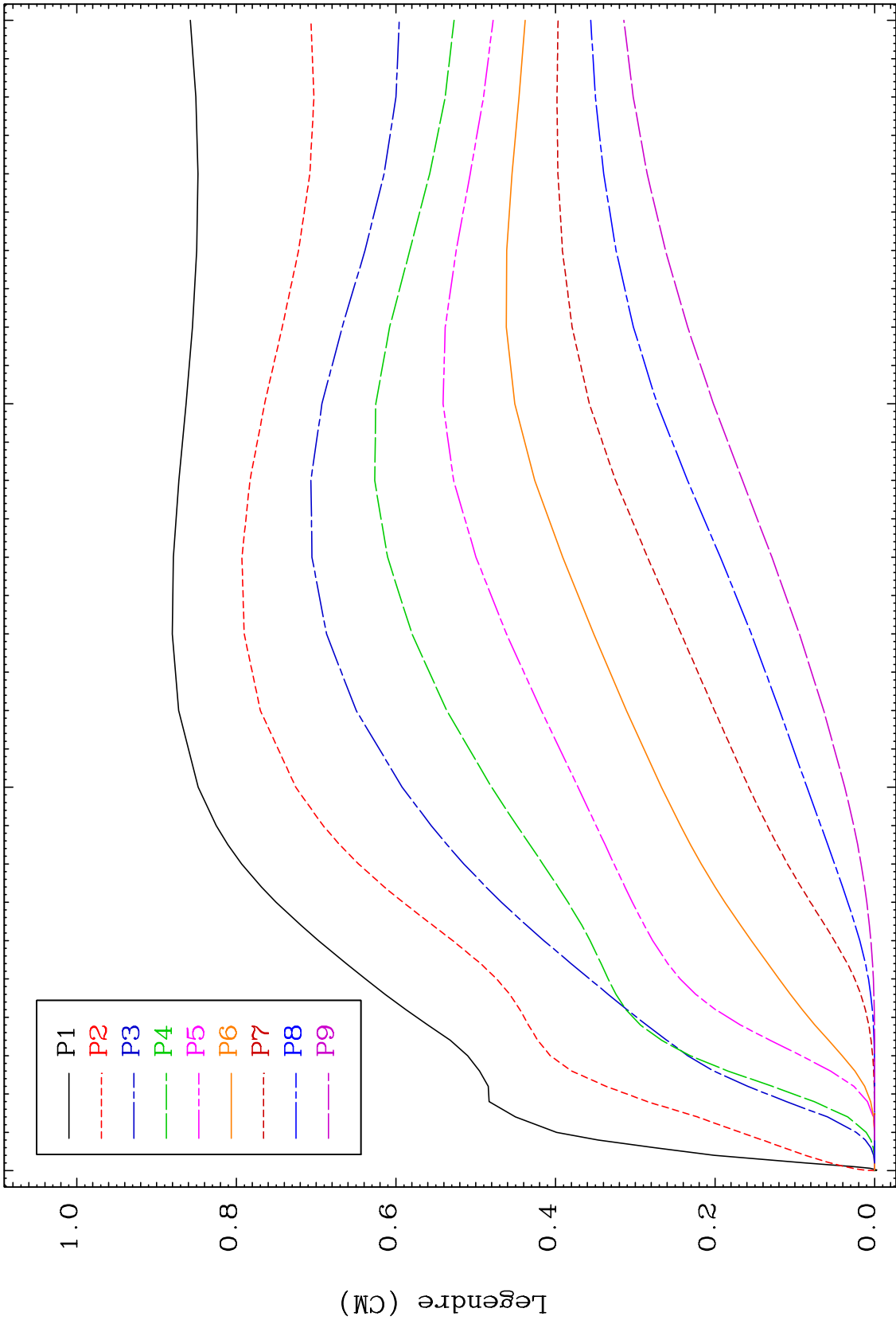




MAT 3931

Elastic Legendre Coefficients

39-Y -91



16

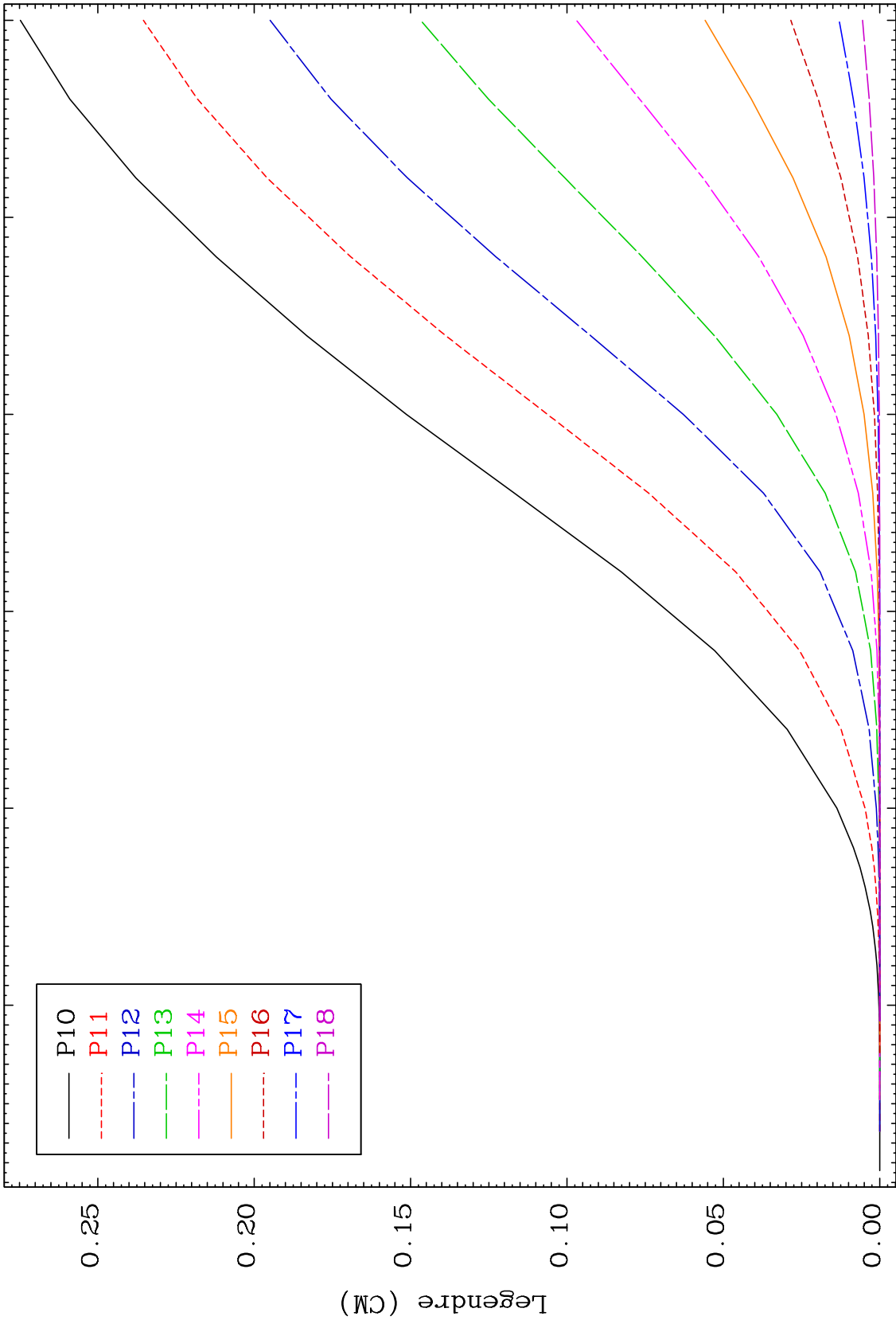
Incident Energy (MeV)

39-Y -91

MAT 3931

Elastic Legendre Coefficients

39-Y -91



17

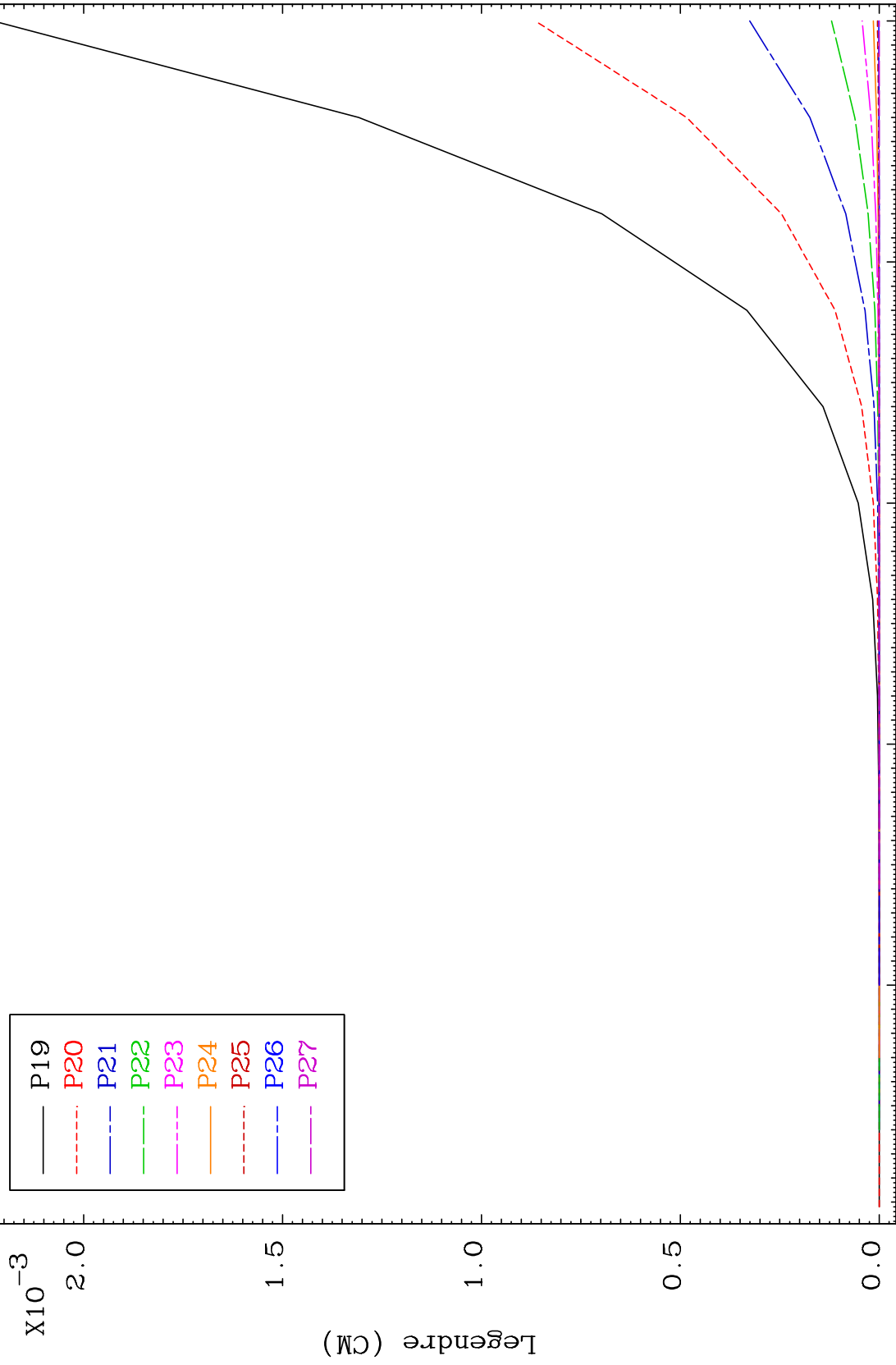
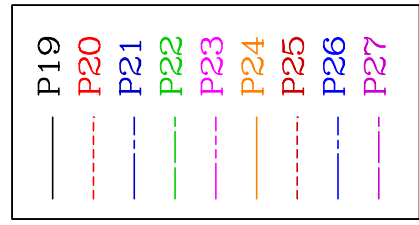
Incident Energy (MeV)

39-Y -91

MAT 3931

Elastic Legendre Coefficients

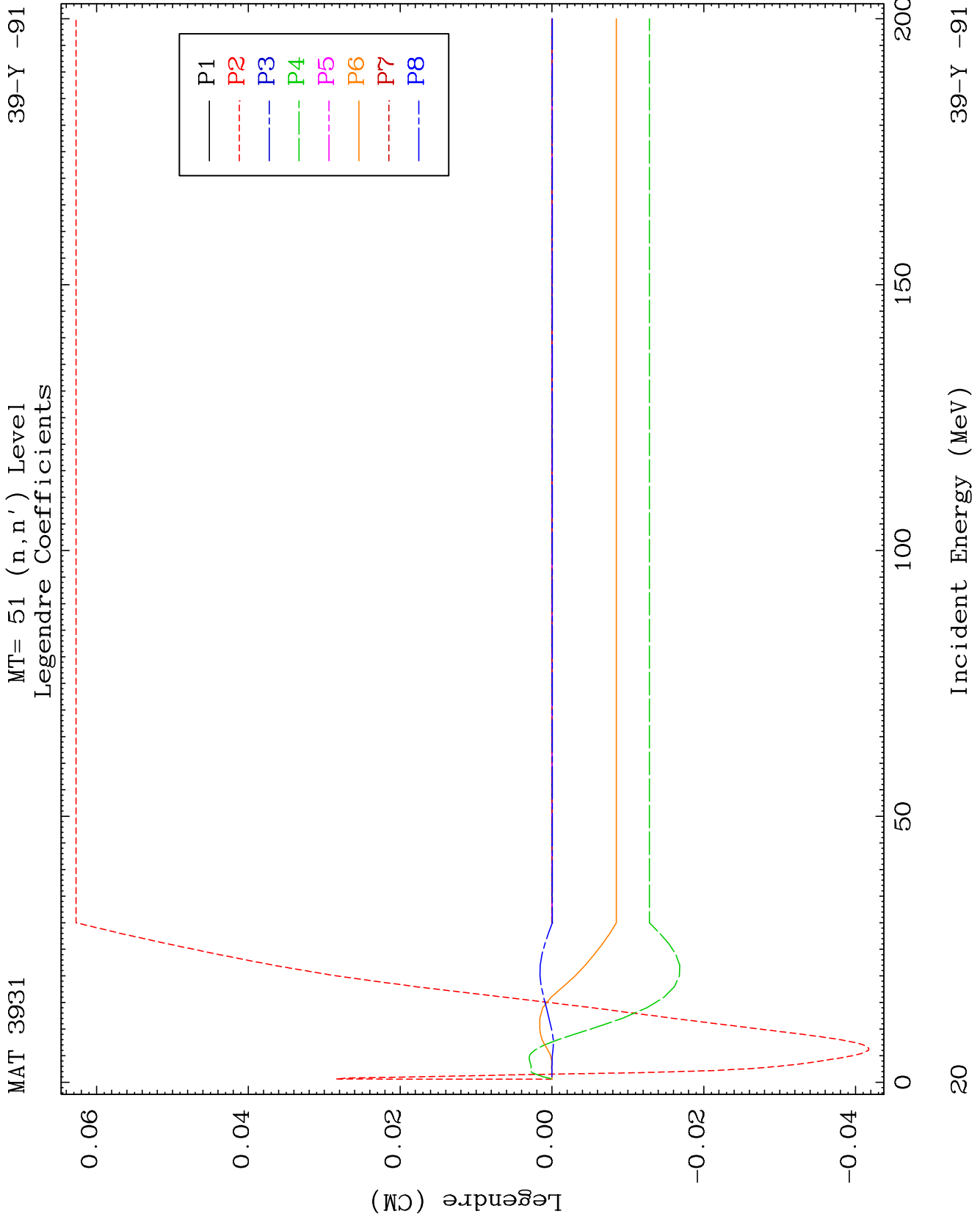
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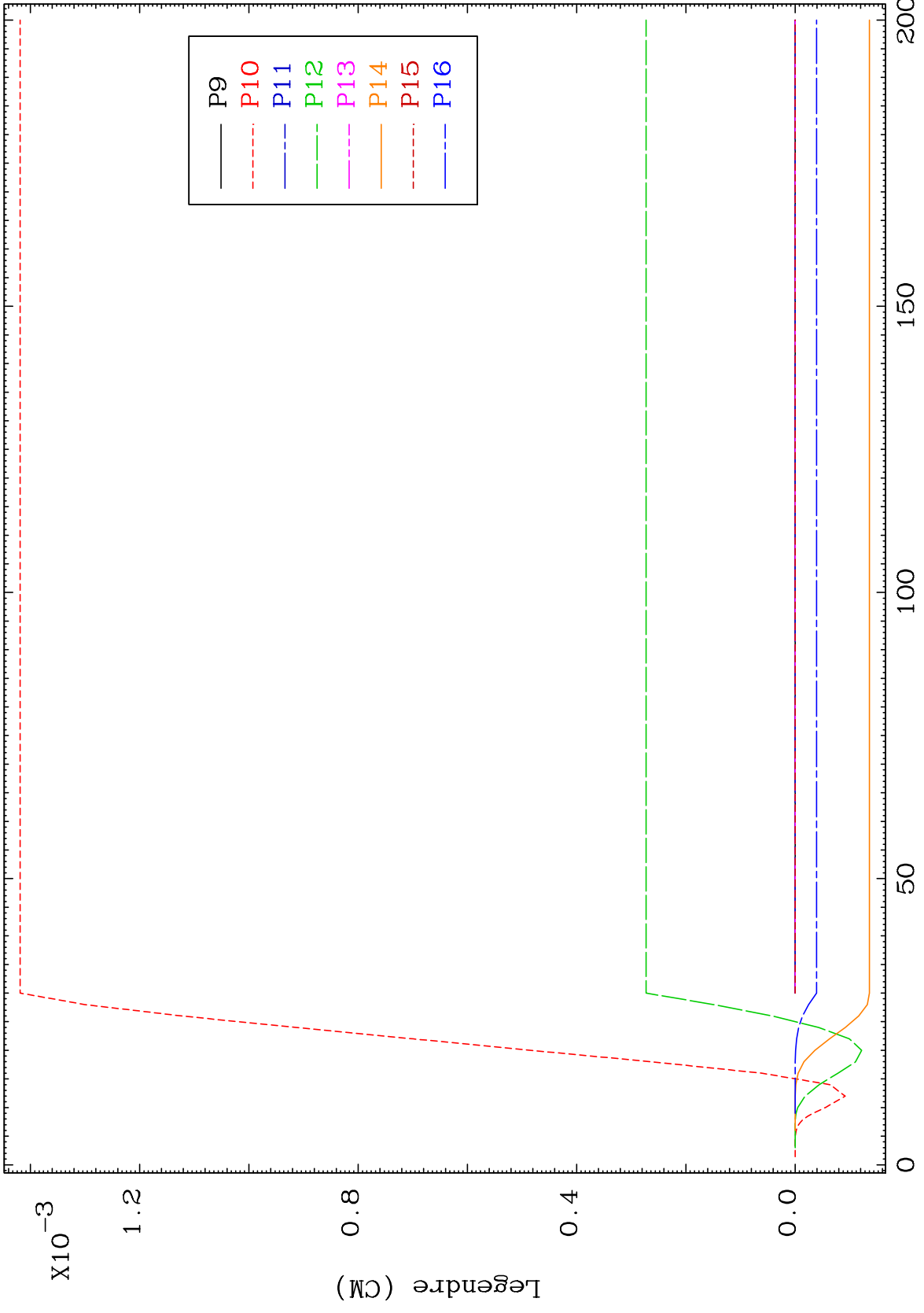
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Incident Energy (MeV)

39-Y -91

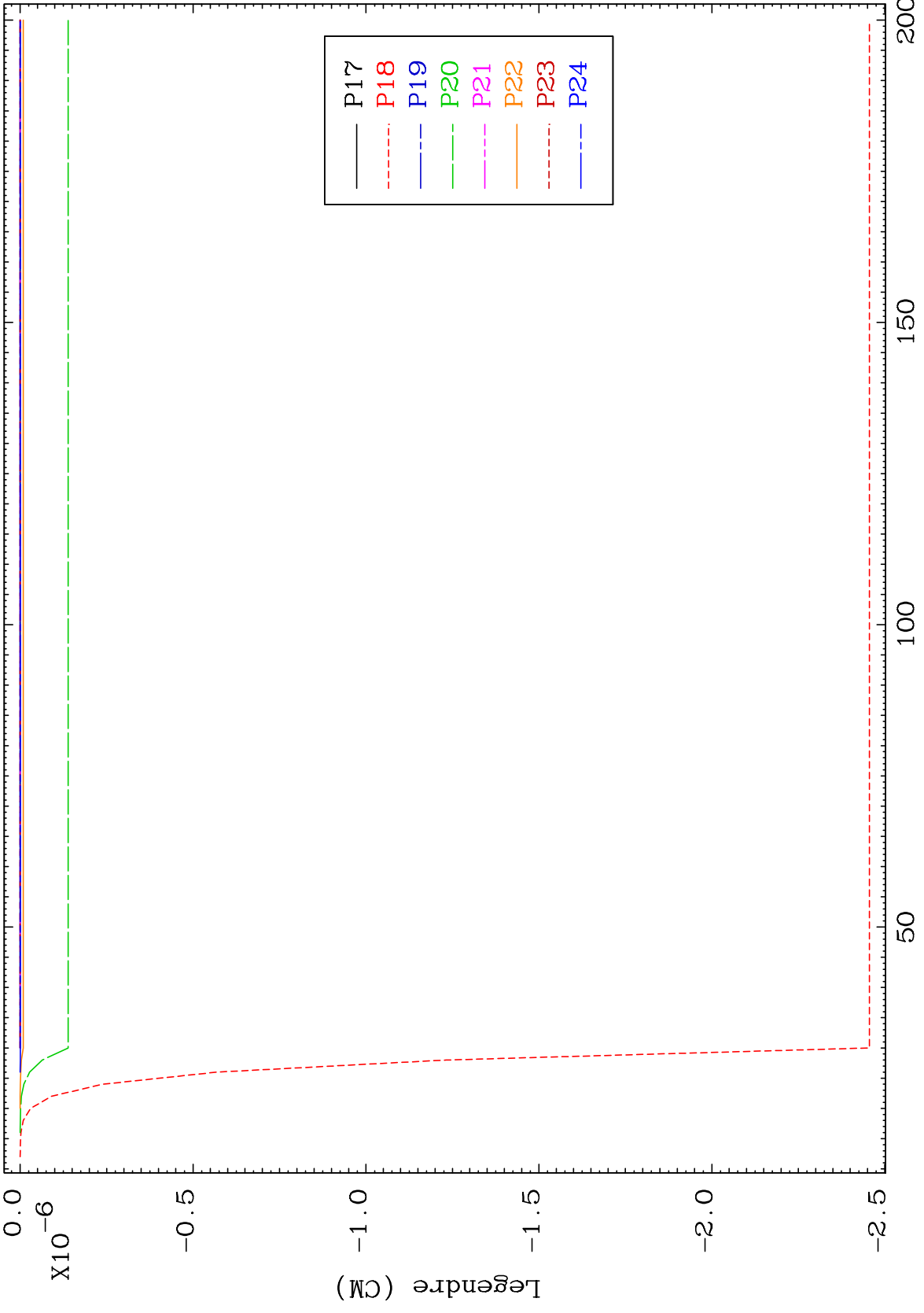


MAT 3931 MT= 51 (n,n') Level Legendre Coefficients 39-Y -91

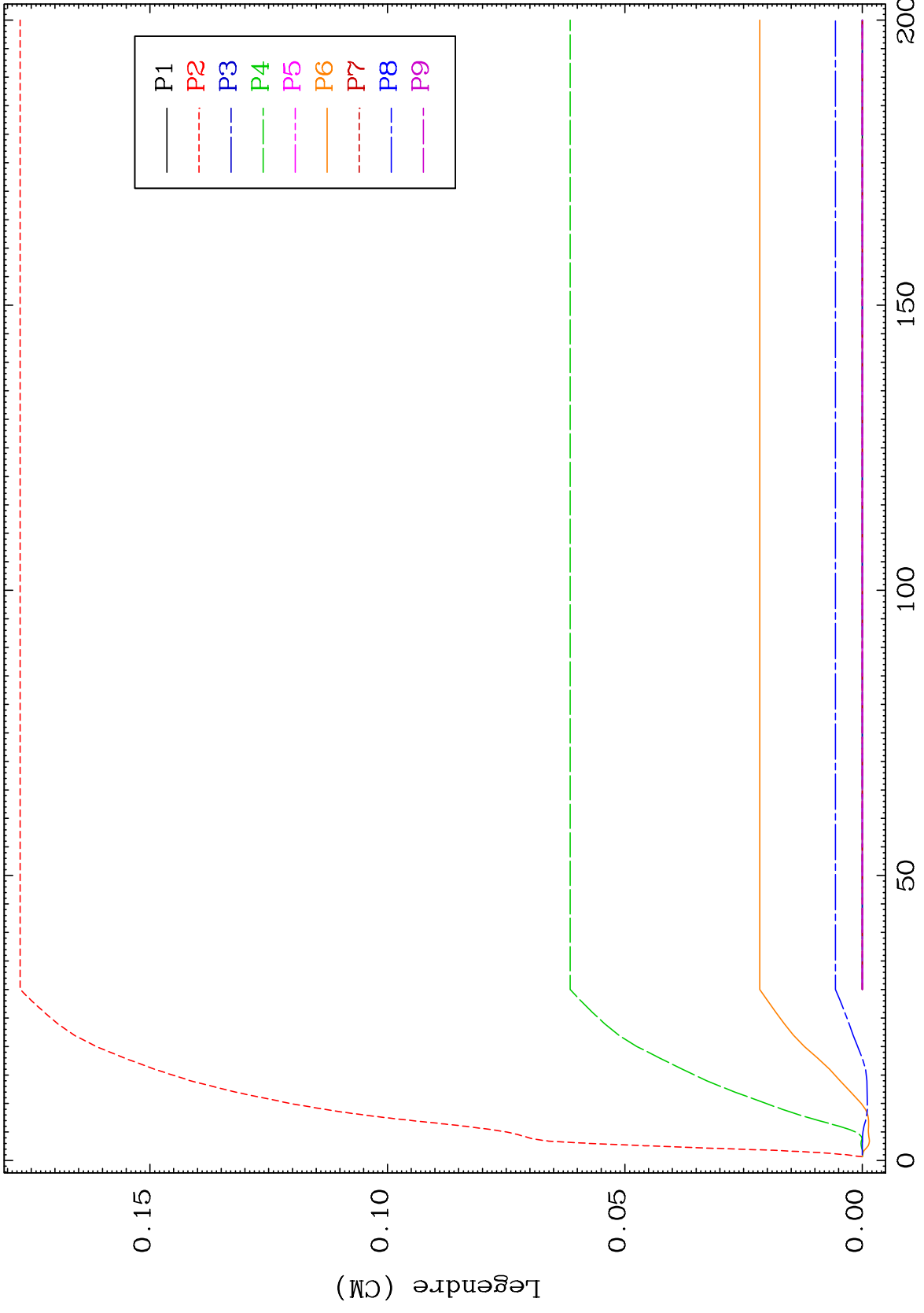


21 39-Y -91

MAT 3931 MT= 51 (n,n') Level Legendre Coefficients 39-Y -91



MAT 3931 MT= 52 (n,n') Level Legendre Coefficients 39-Y -91

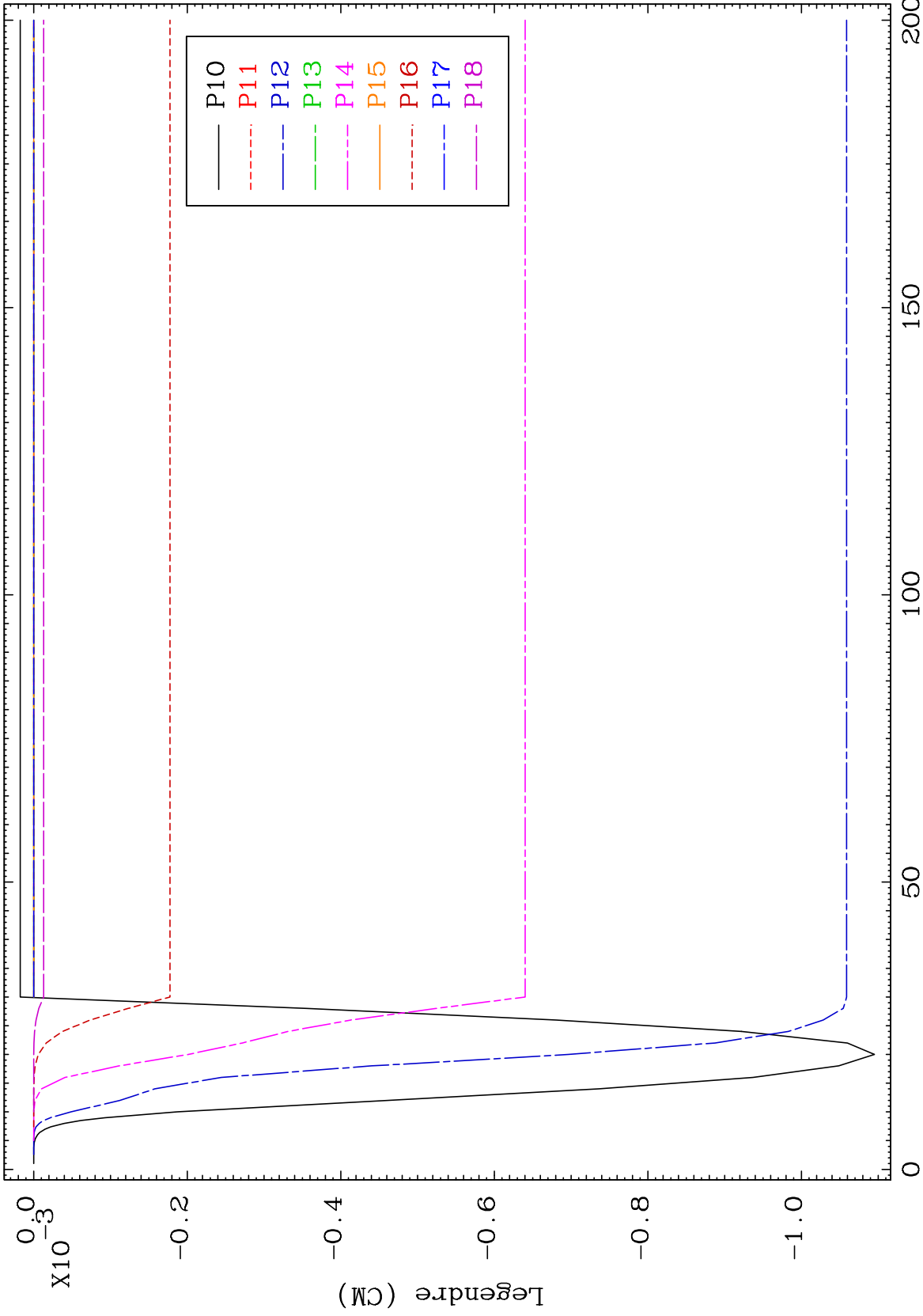


39-Y -91

MAT 3931

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

39-Y -91

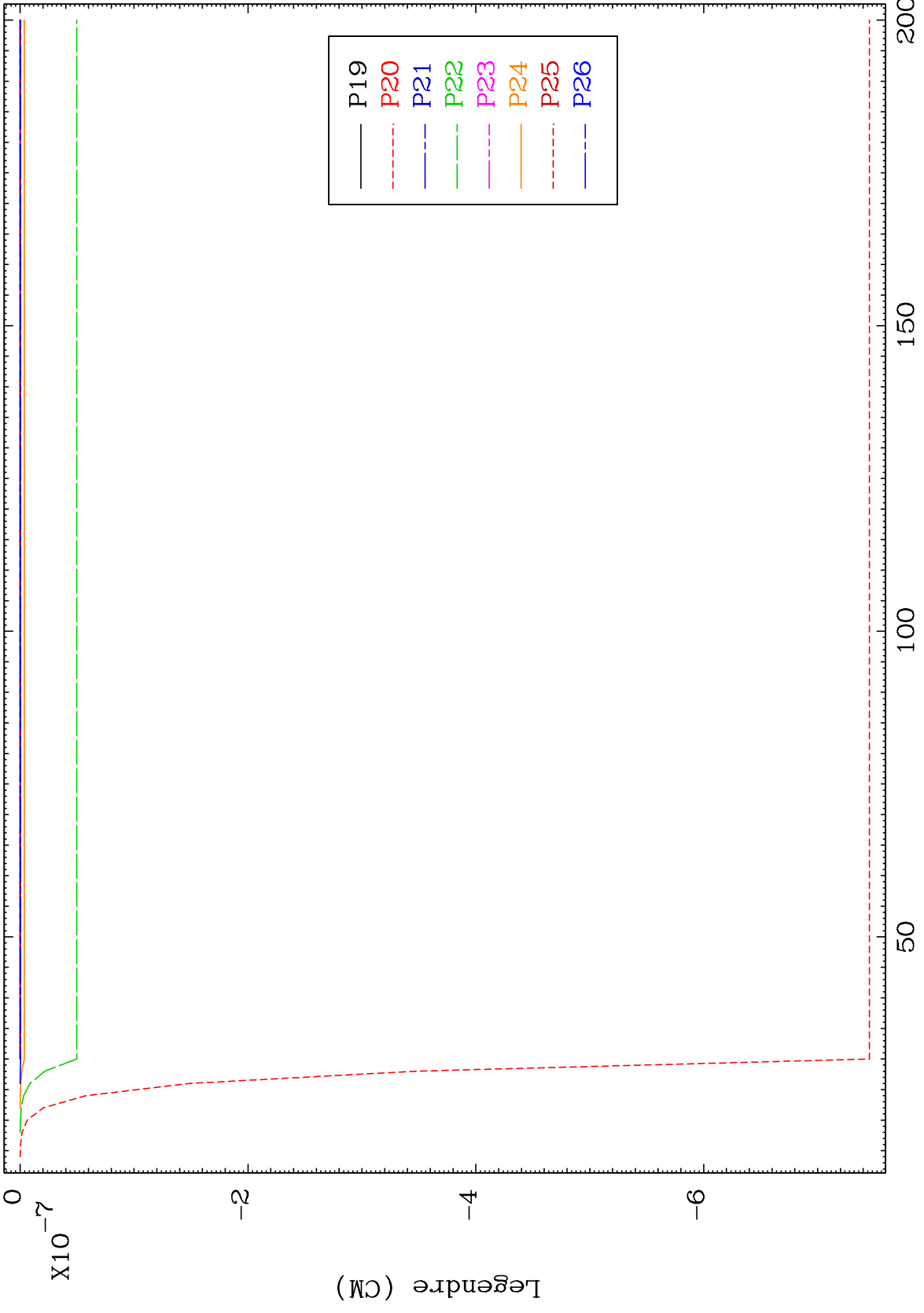


24

Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 52 (n,n') Level Legendre Coefficients 39-Y -91

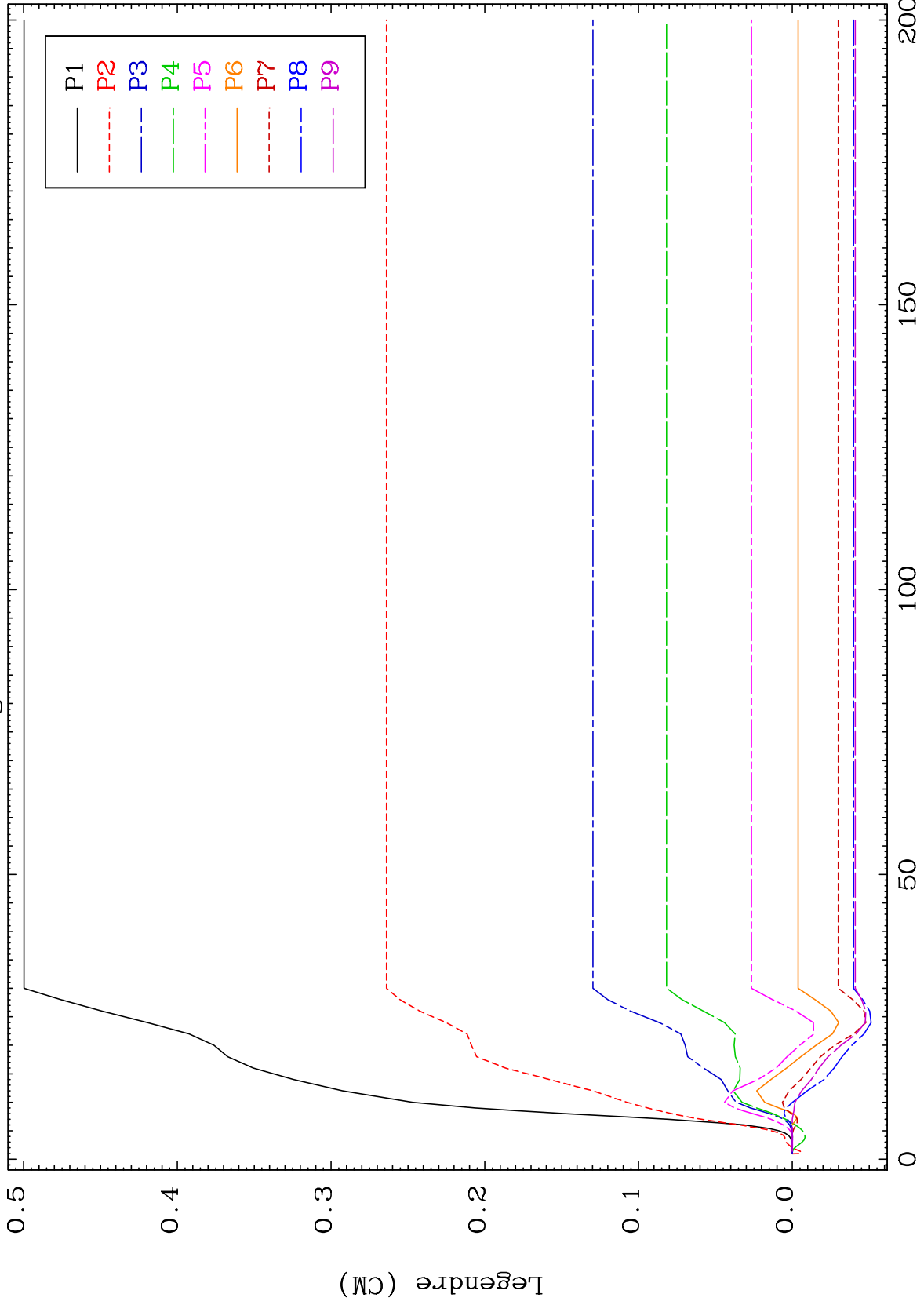


25 Incident Energy (MeV) 39-Y -91

MAT 3931

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

39-Y -91



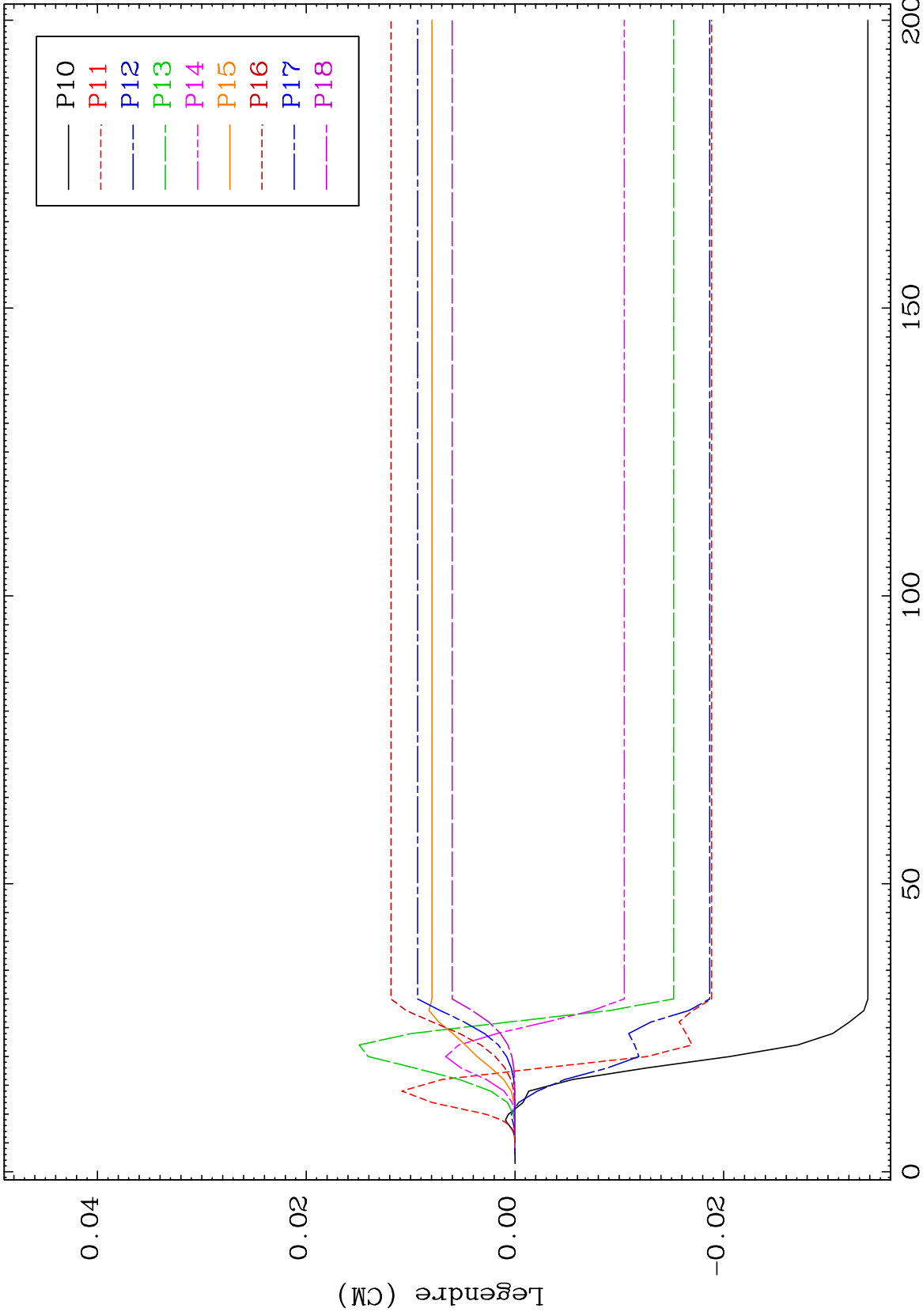
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39-Y -91

MAT 3931

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

39-Y -91



27

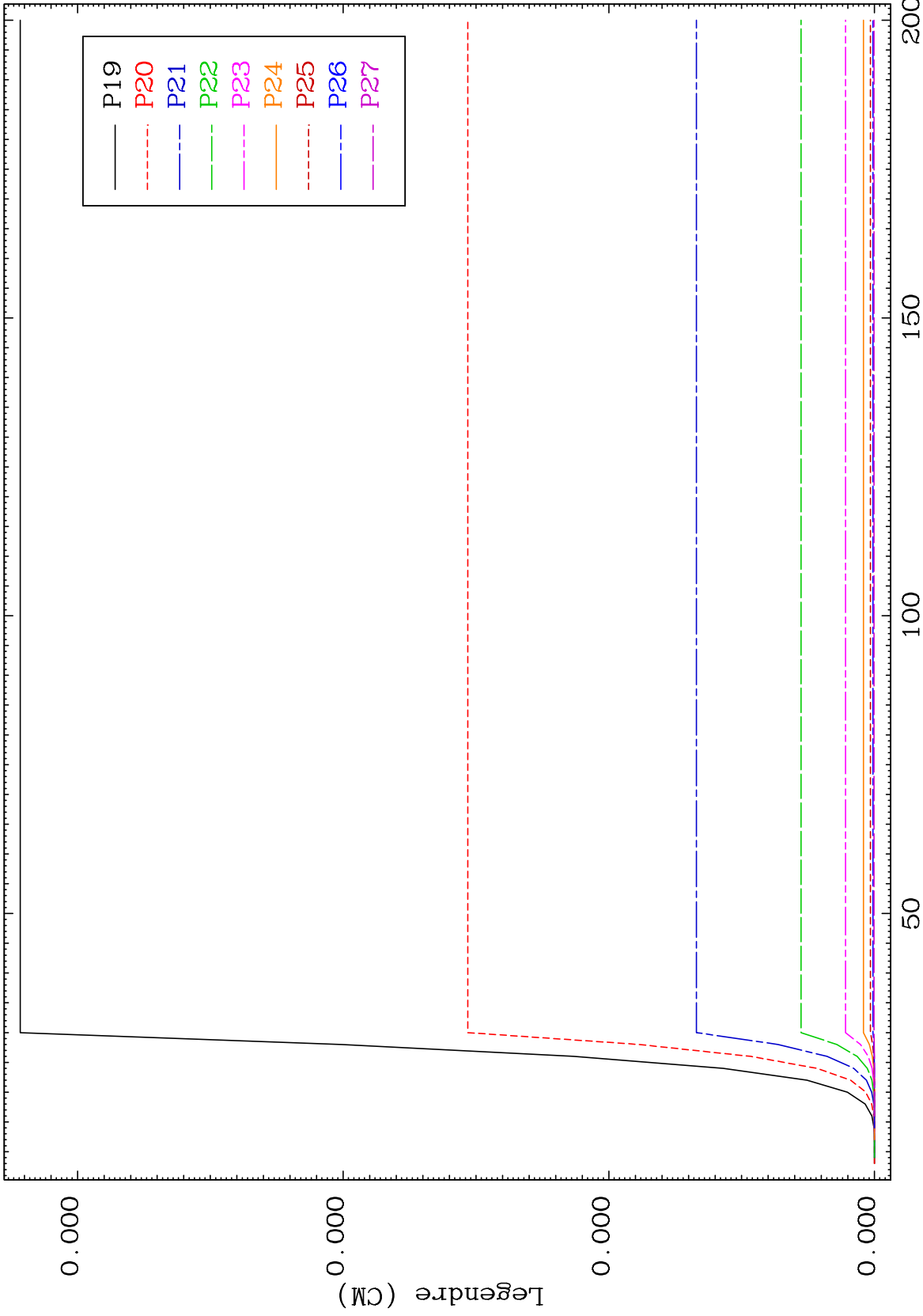
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



28

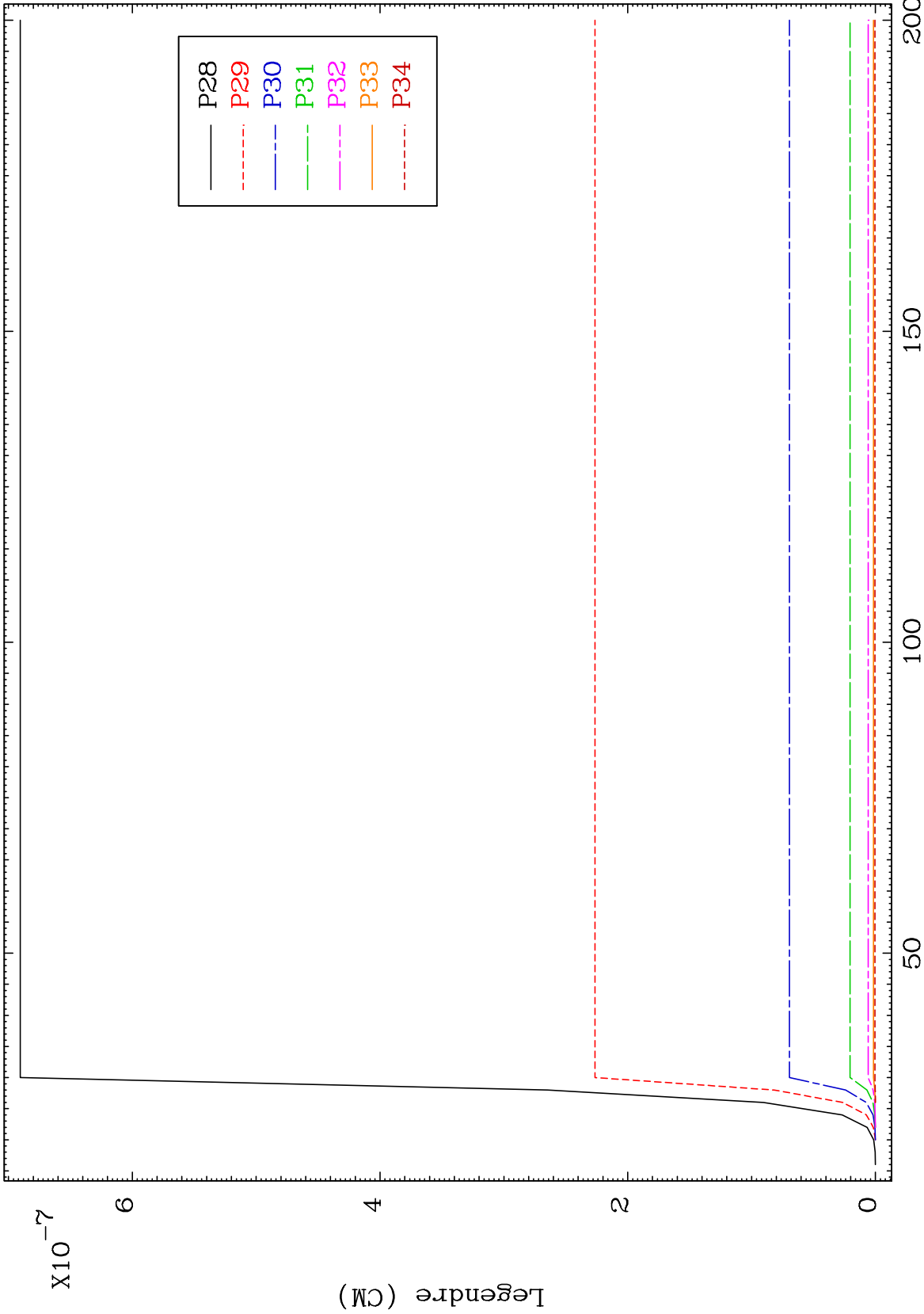
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

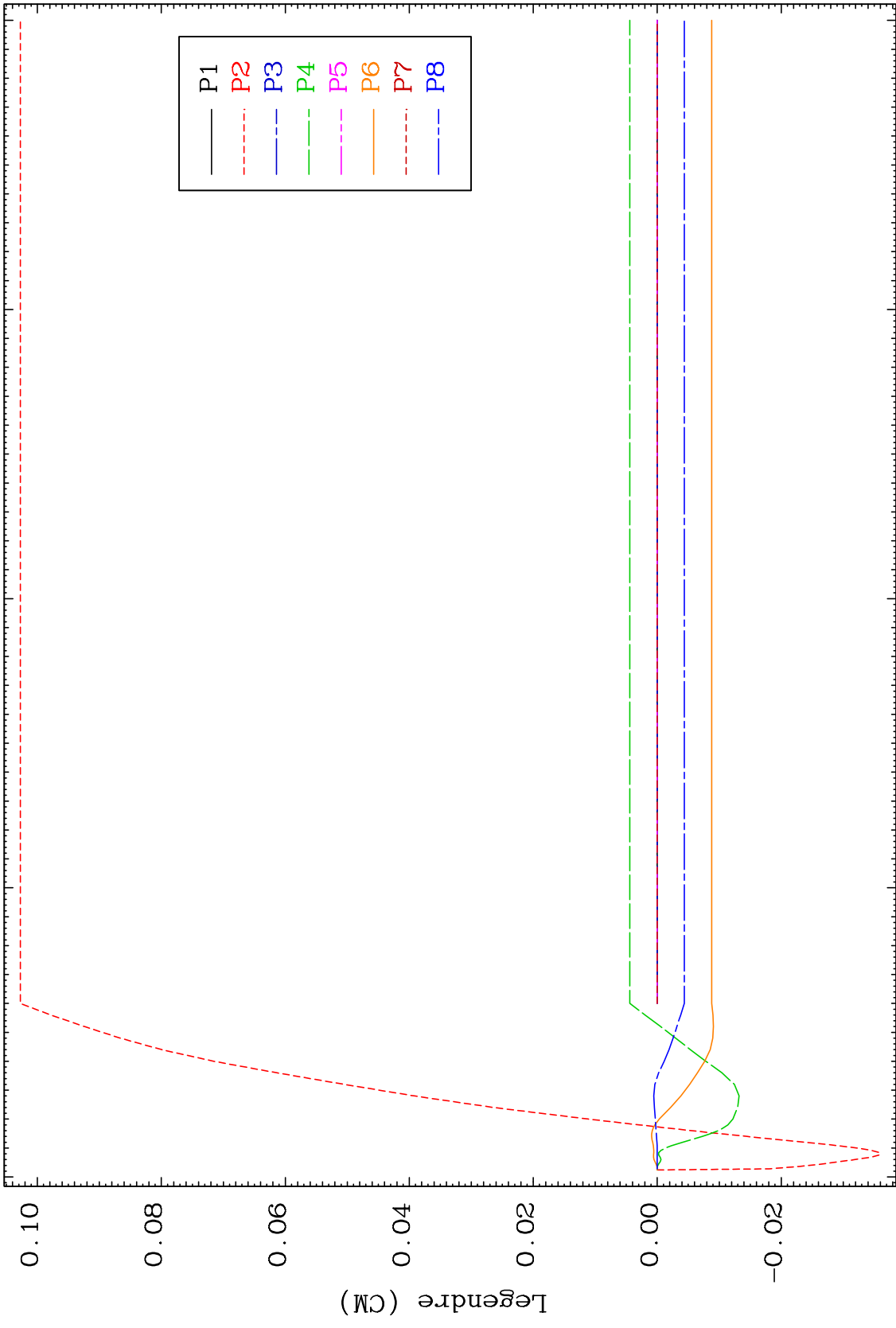


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Incident Energy (MeV)

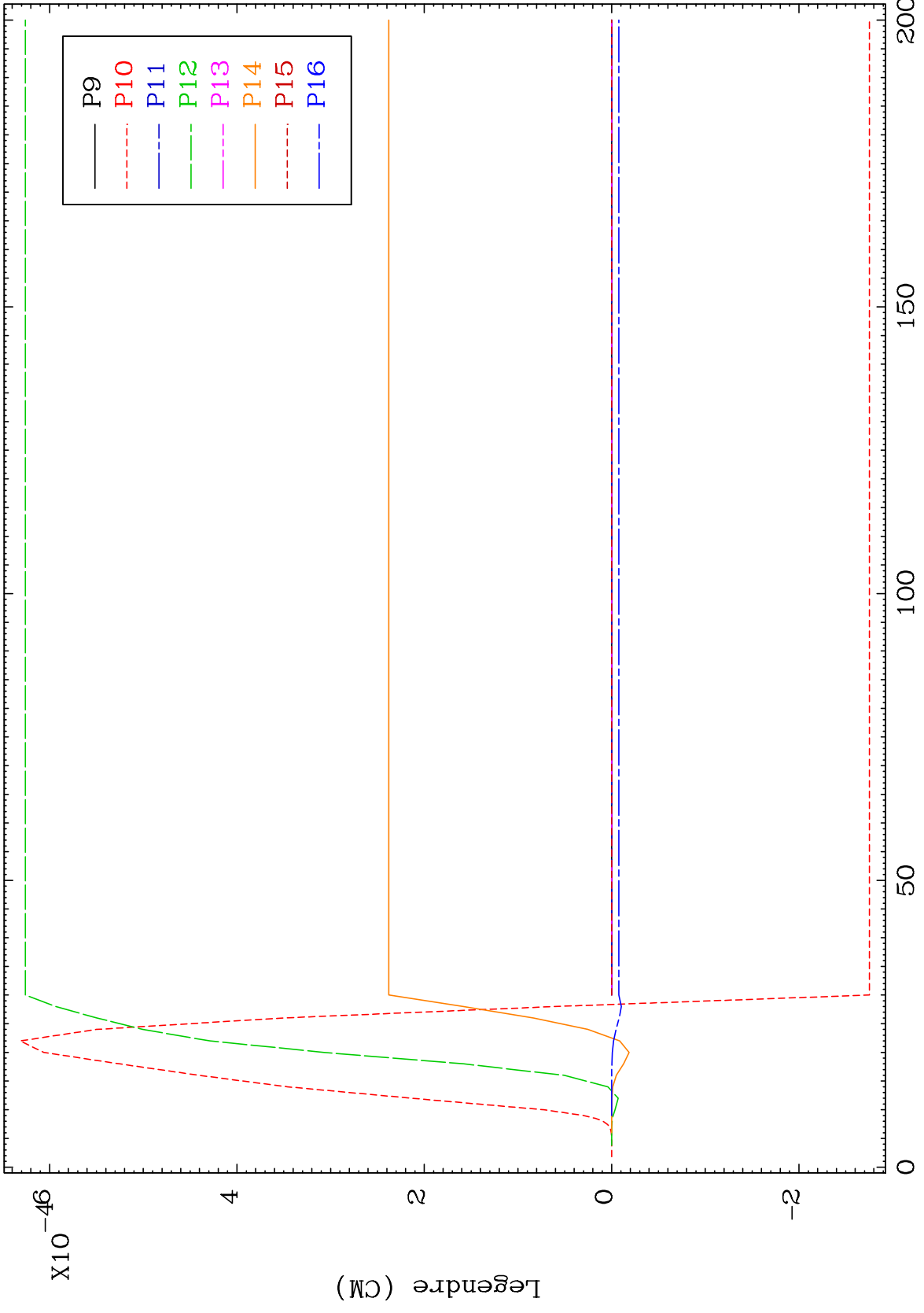
39-Y -91

MAT 3931 MT= 54 (n,n') Level Legendre Coefficients 39-Y -91



39-Y -91

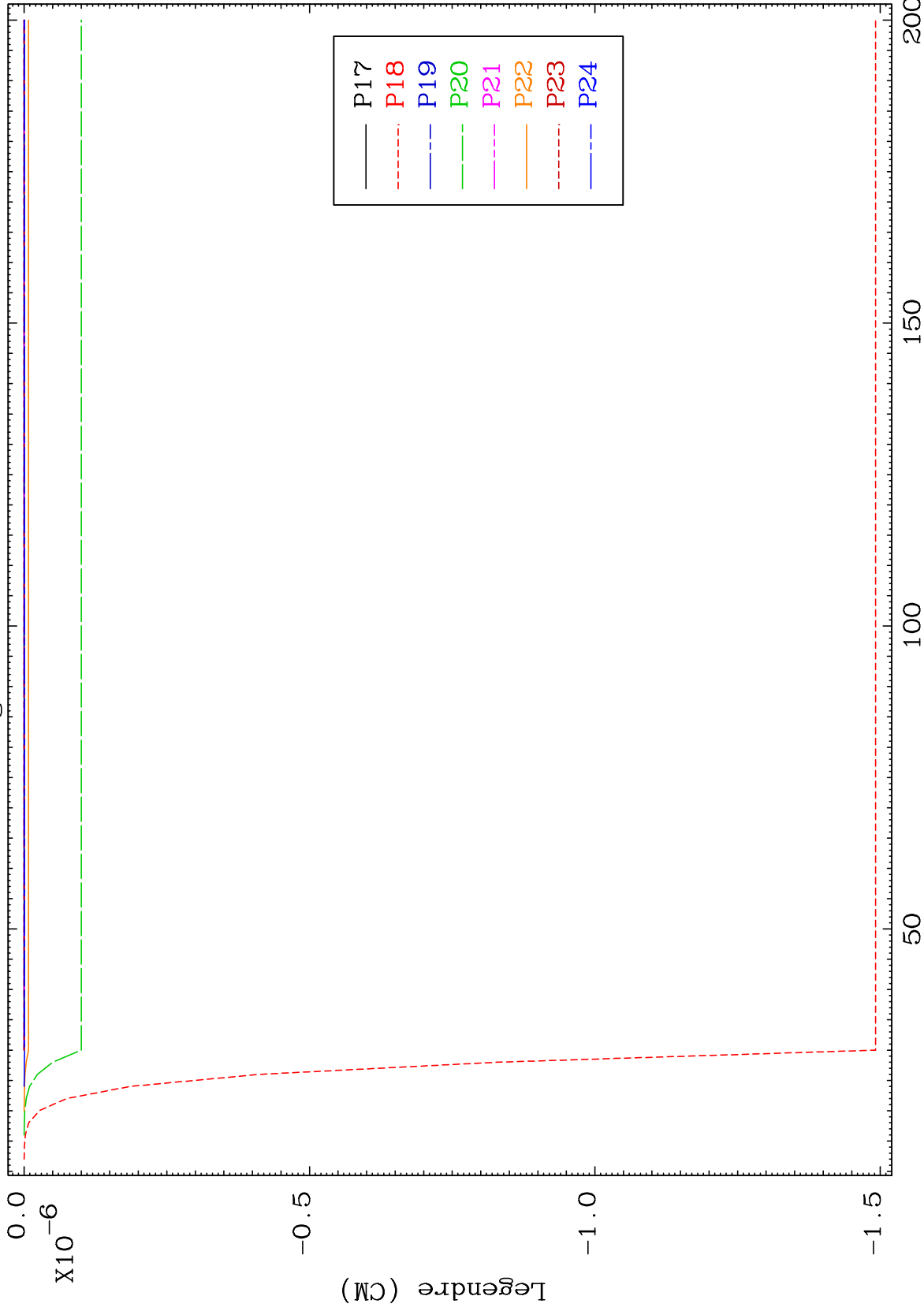
MAT 3931 MT= 54 (n,n') Level Legendre Coefficients 39-Y -91



31 39-Y -91

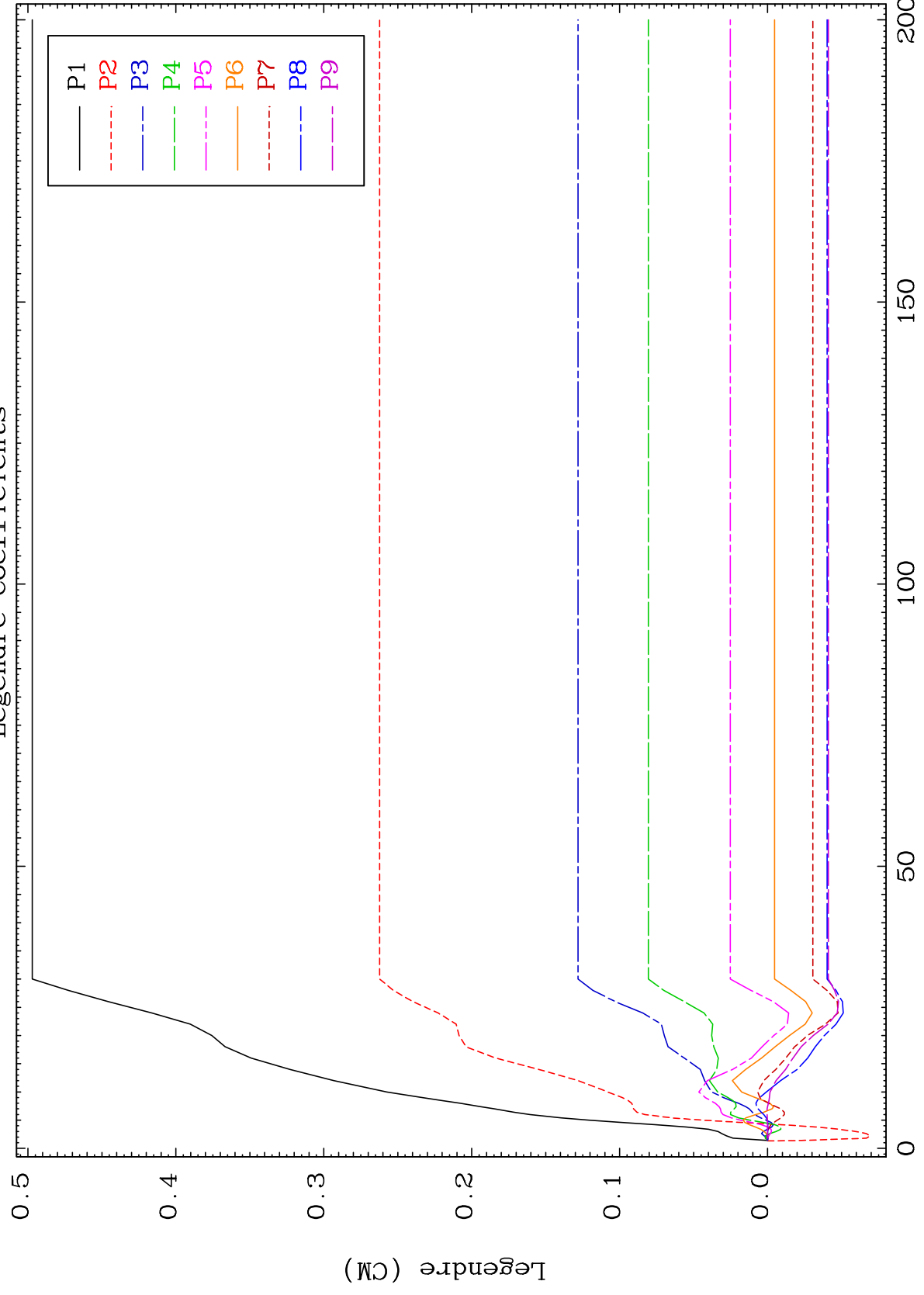
MAT 3931 MT= 54 (n,n') Level 39-Y -91

Legendre Coefficients



32 39-Y -91

MAT 3931 MT= 55 (n,n') Level Legendre Coefficients 39-Y -91

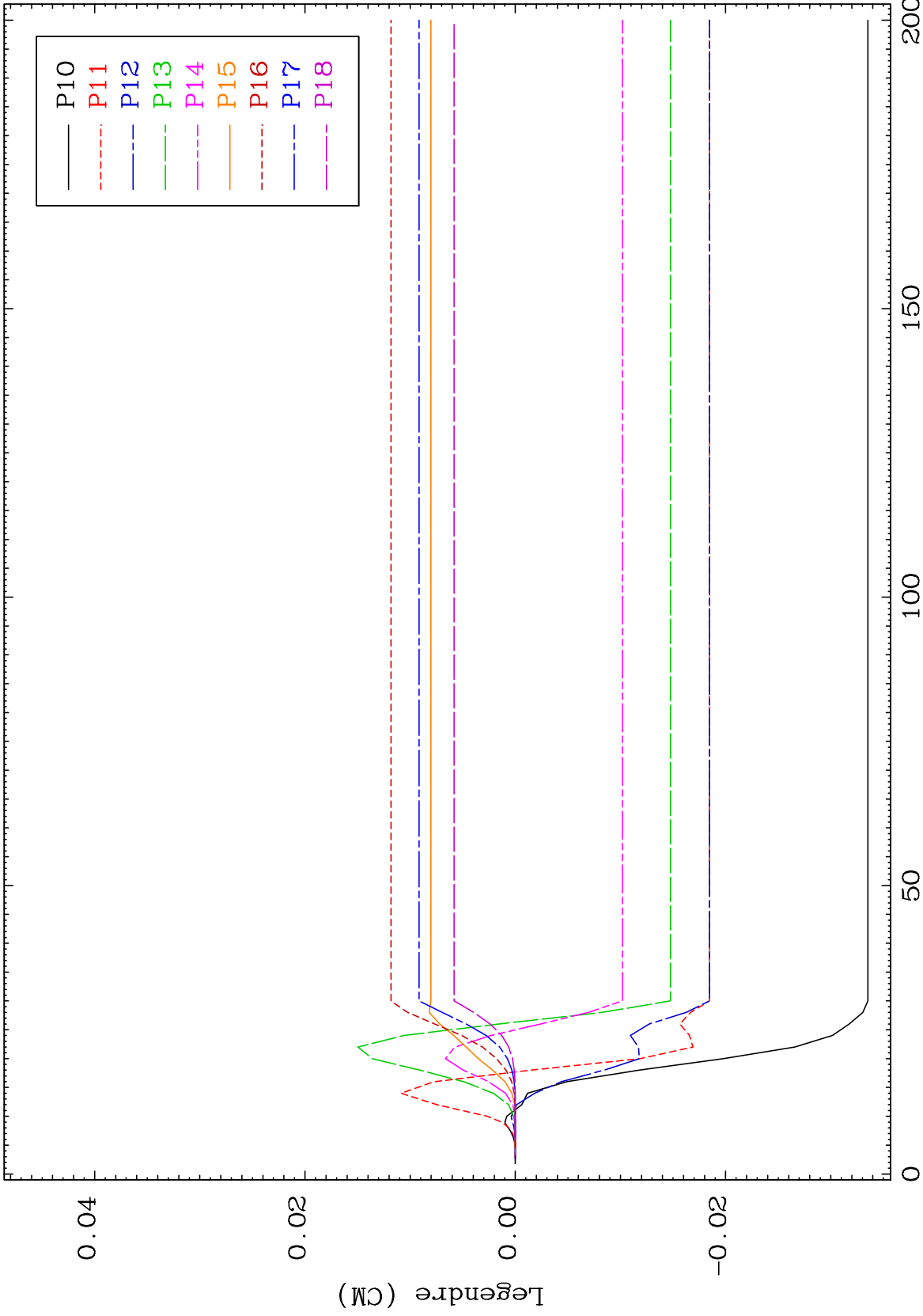


33 Incident Energy (MeV) 39-Y -91

MAT 3931

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

39-Y -91



34

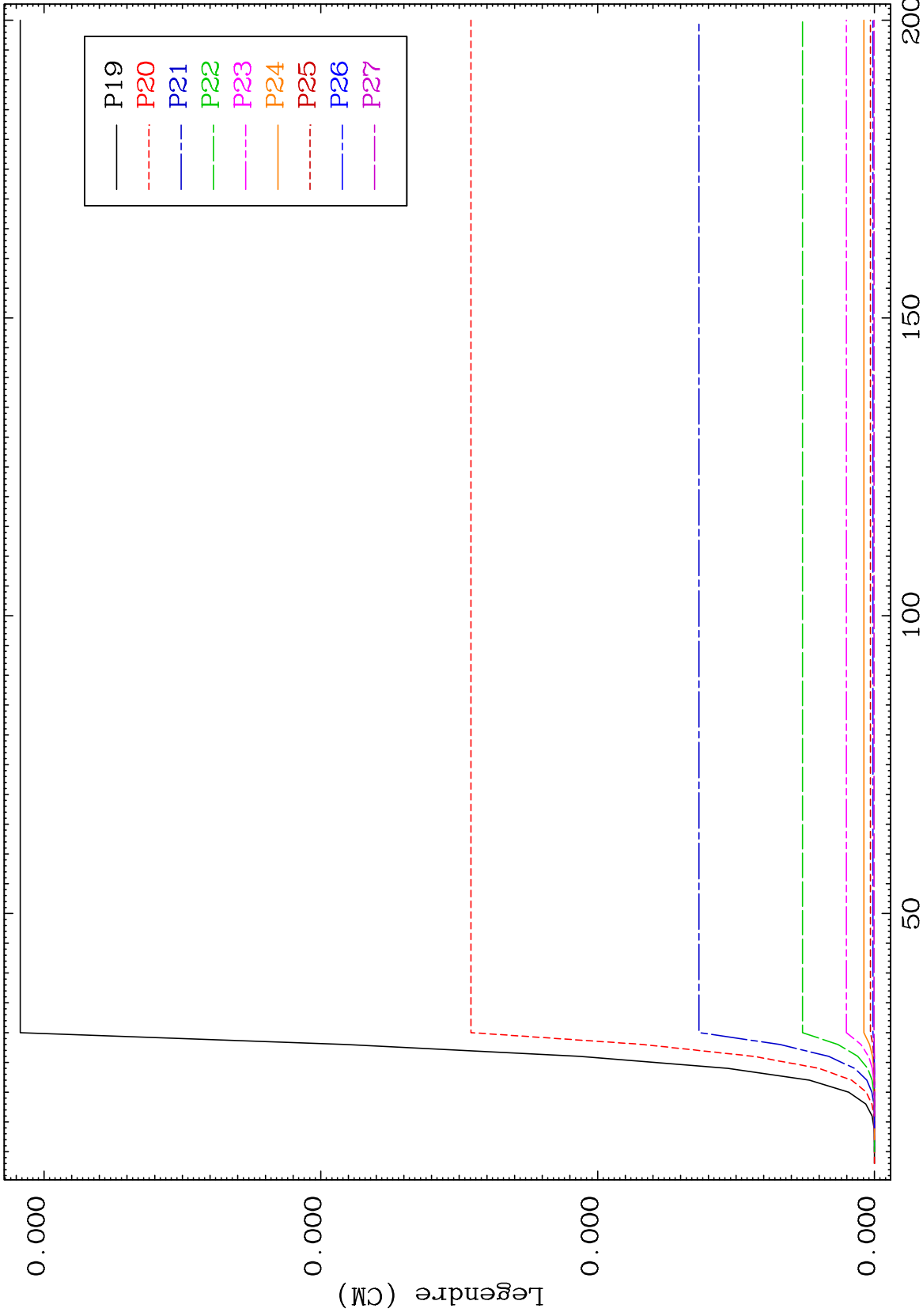
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



35

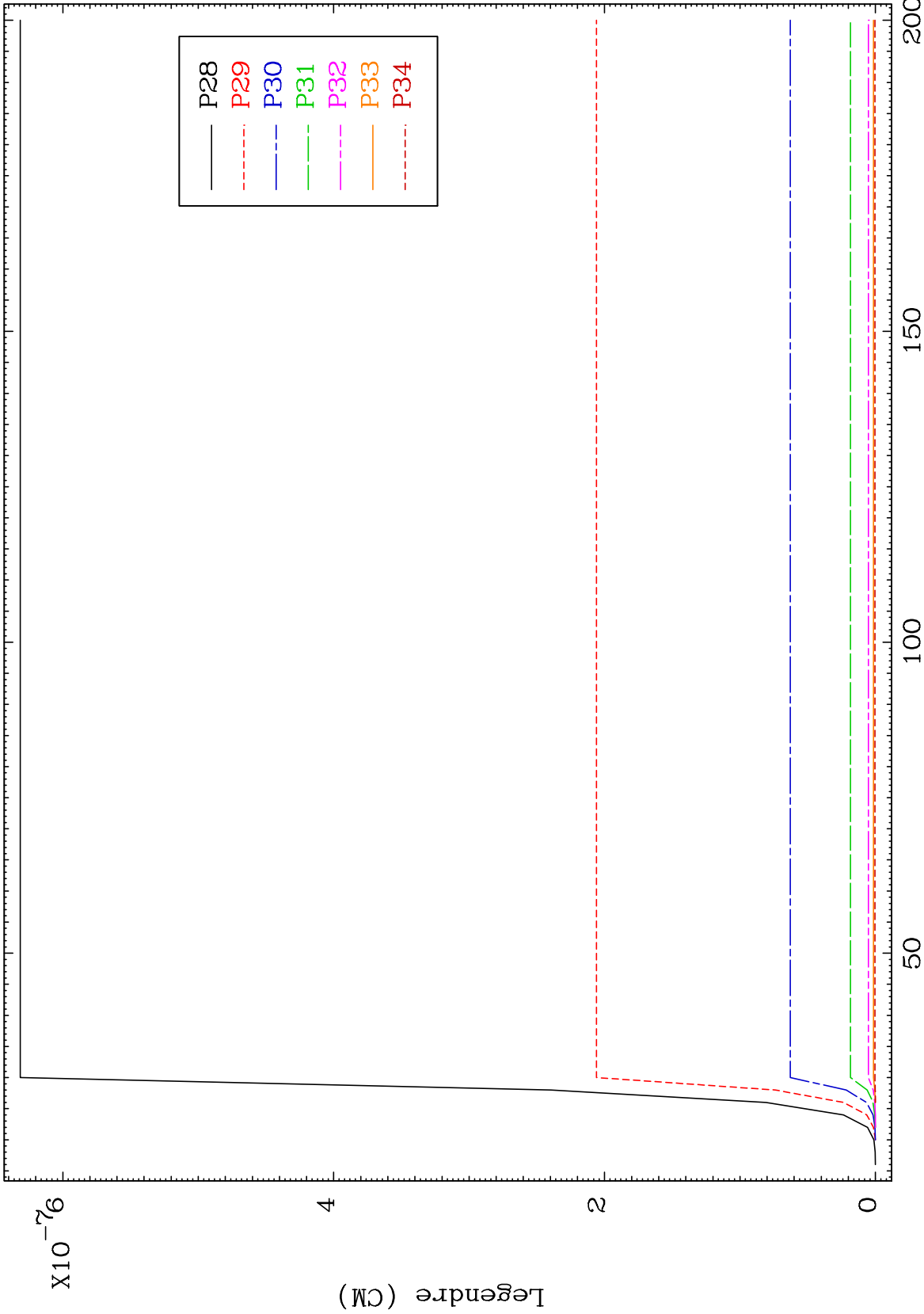
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

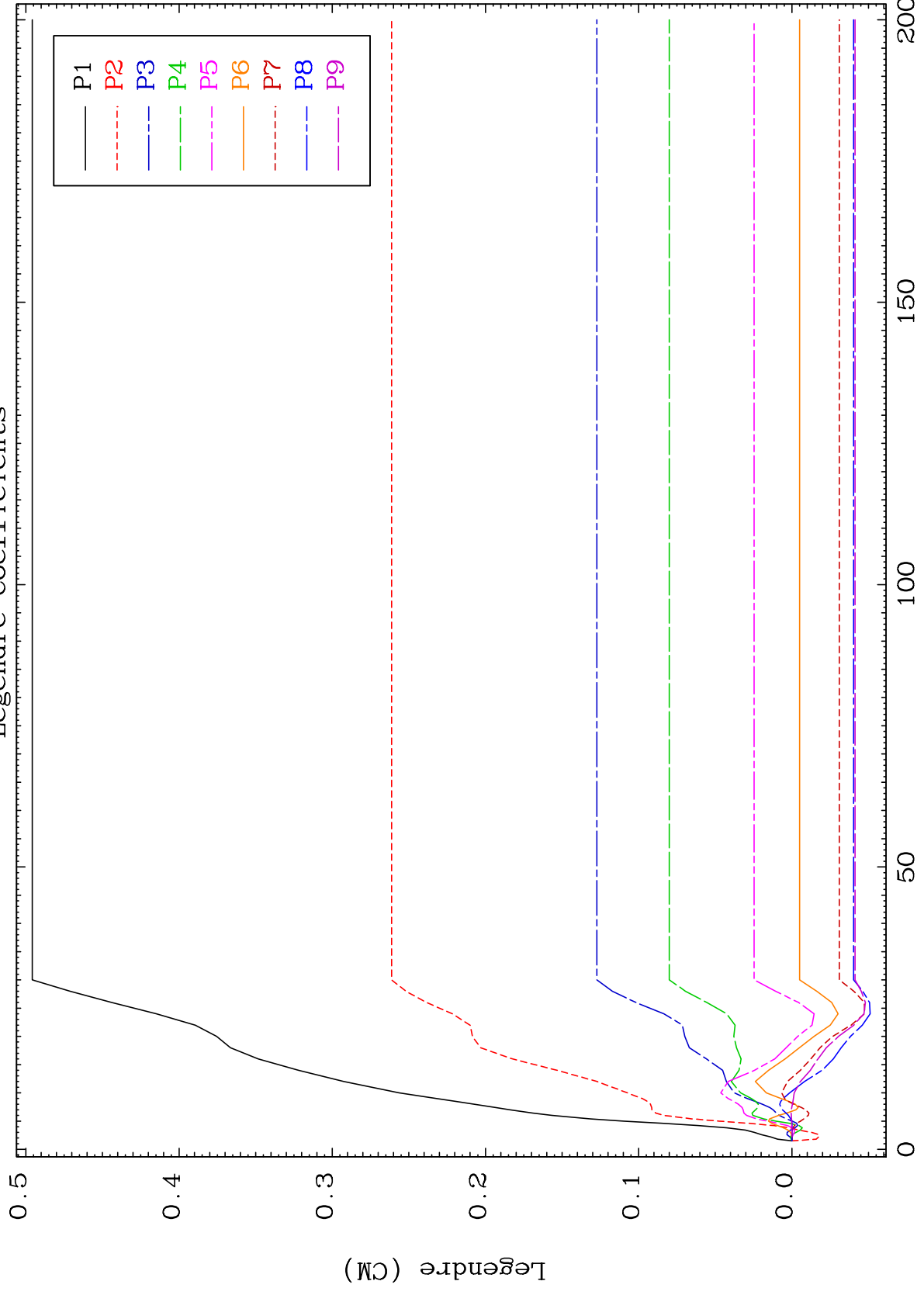


36

Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 56 (n,n') Level Legendre Coefficients 39-Y -91

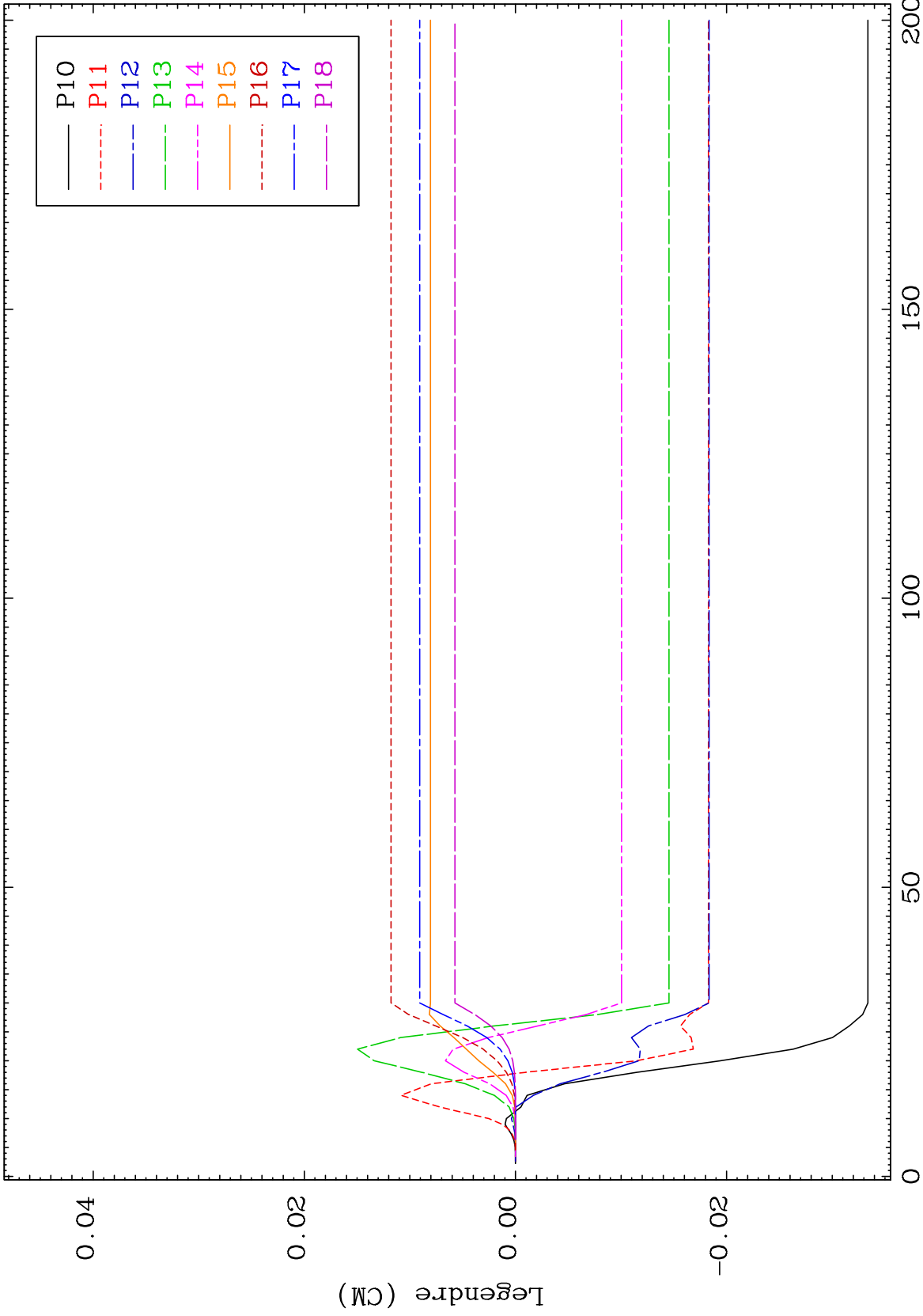


37 39-Y -91

MAT 3931

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

39-Y -91



38

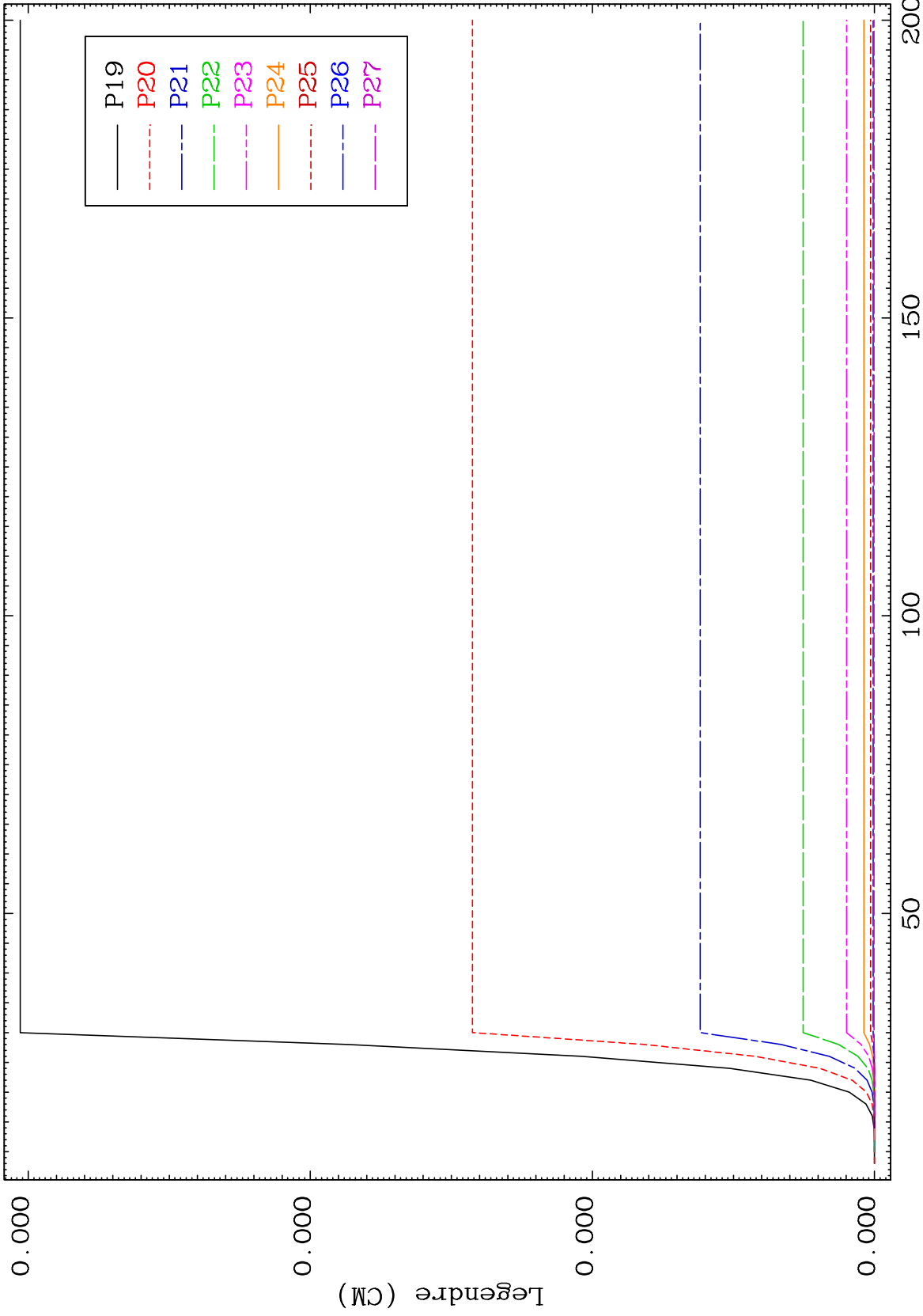
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



39

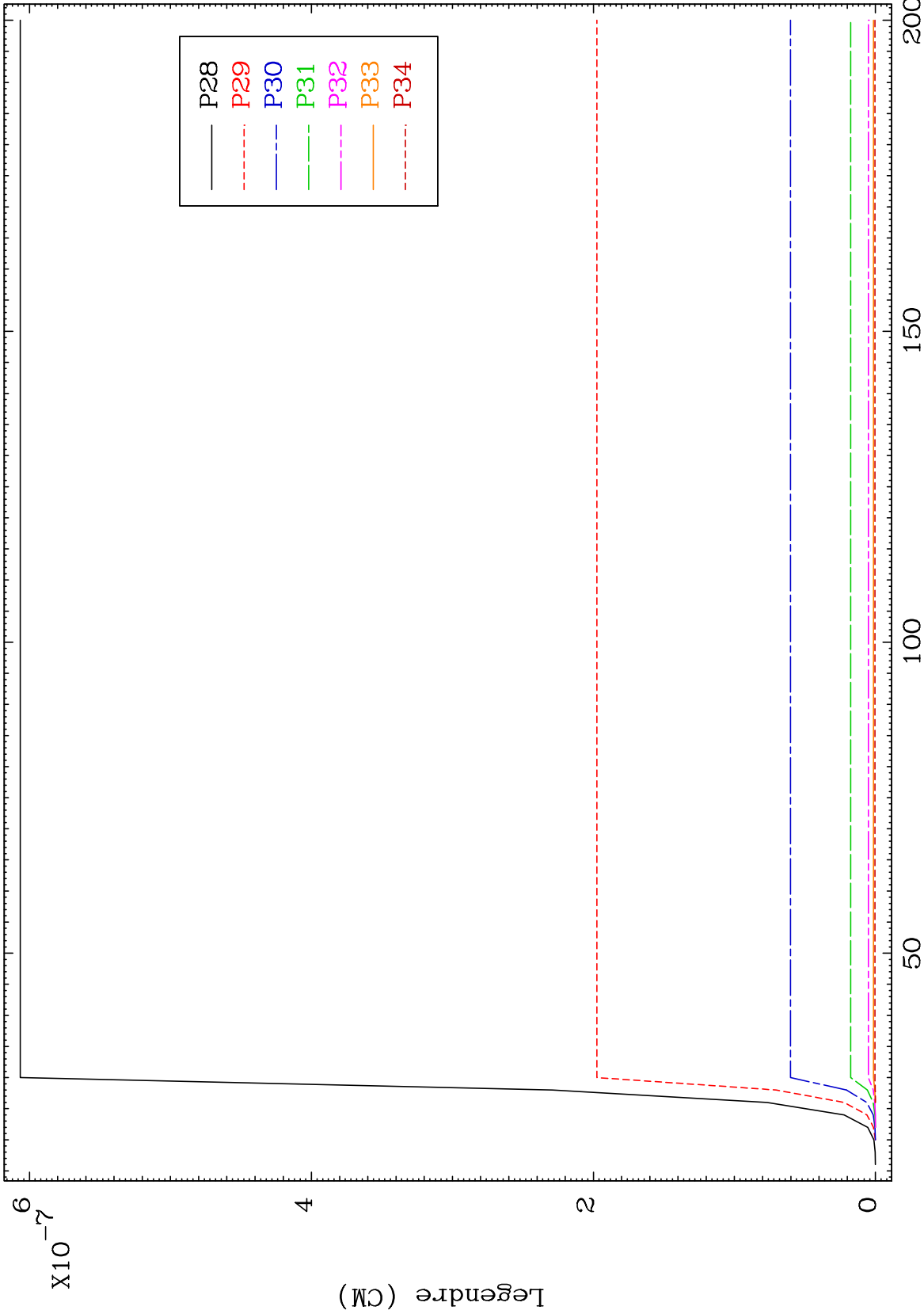
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



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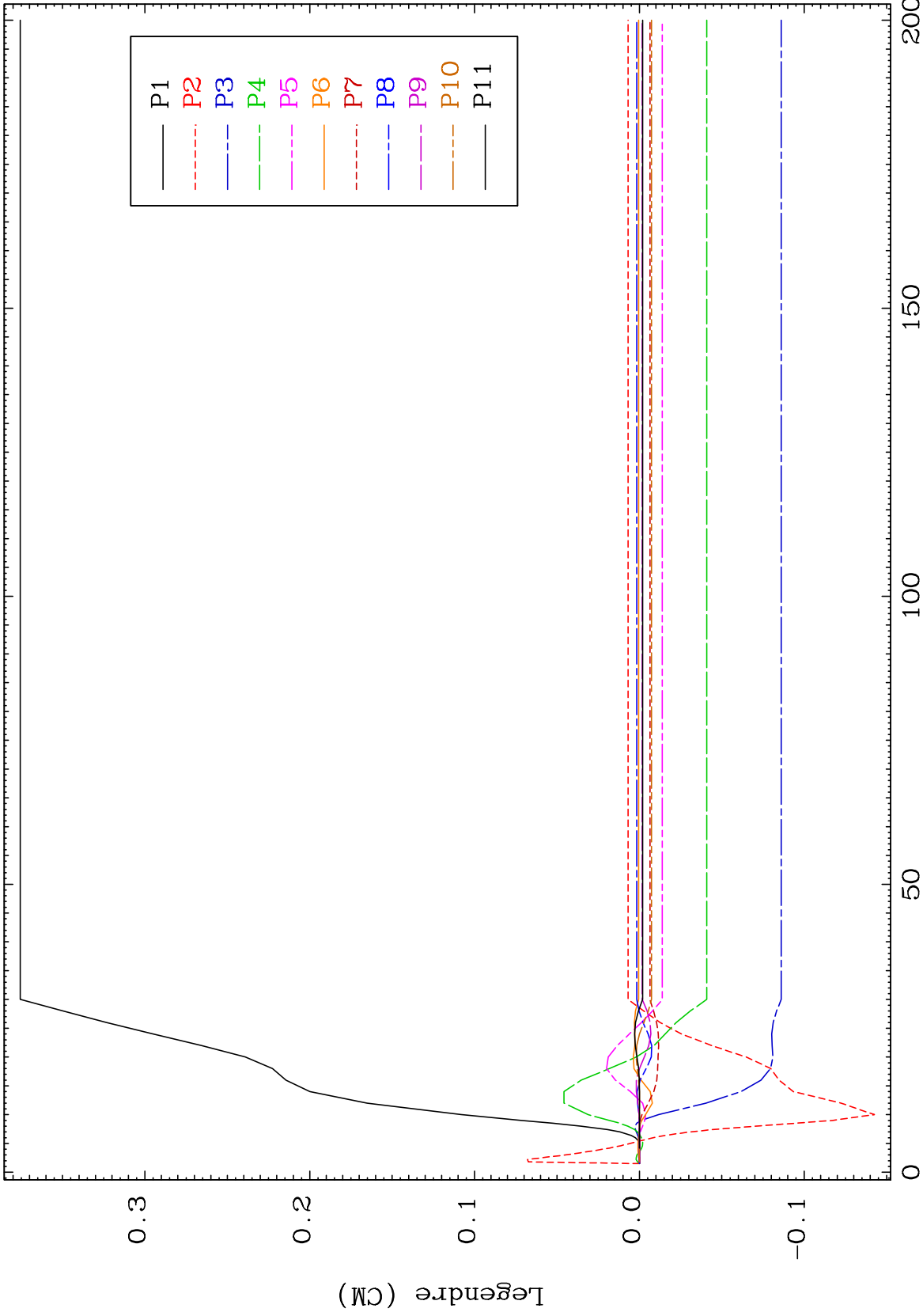
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



41

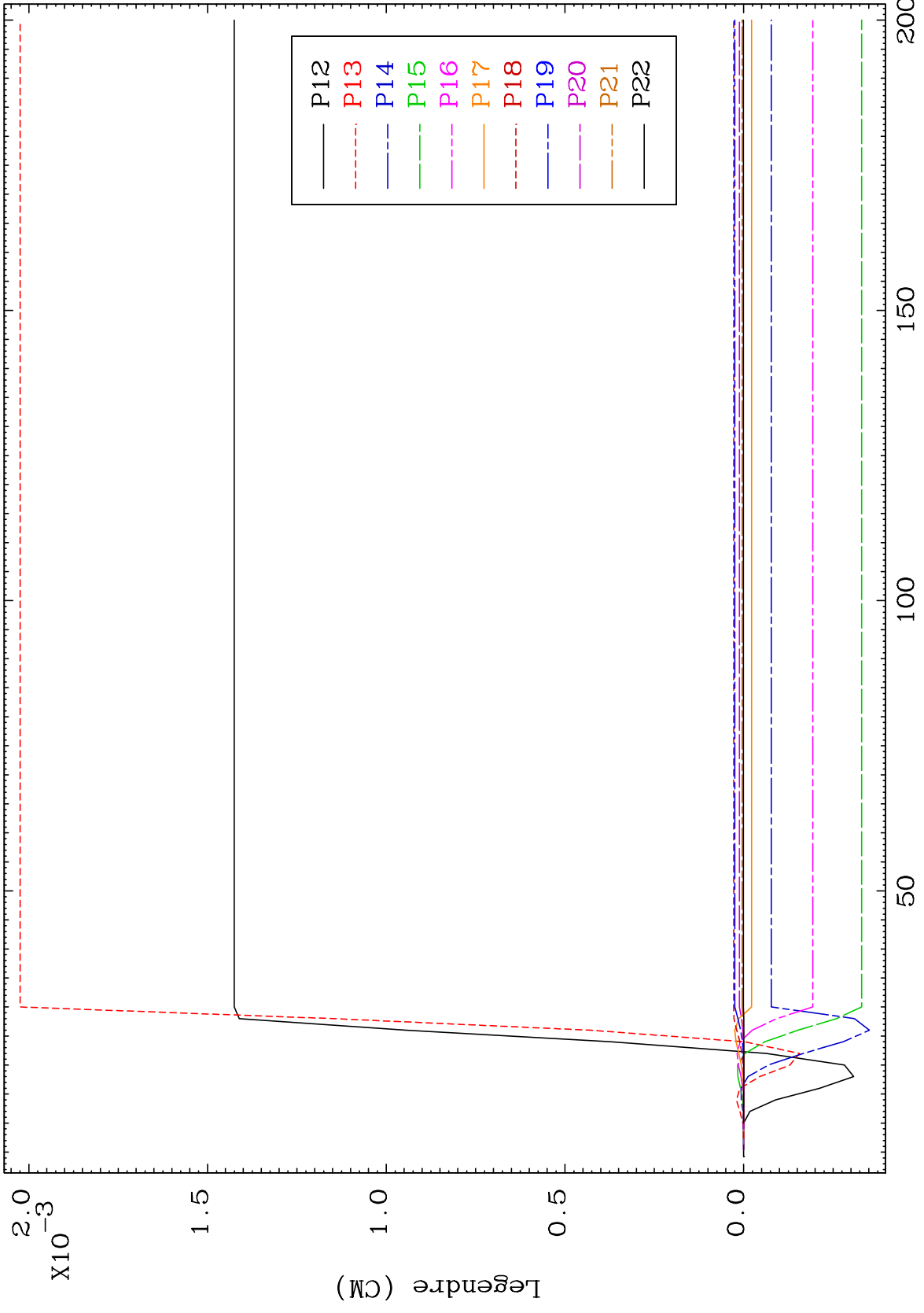
Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 57 (n,n') Level Legendre Coefficients

39-Y -91

39-Y -91

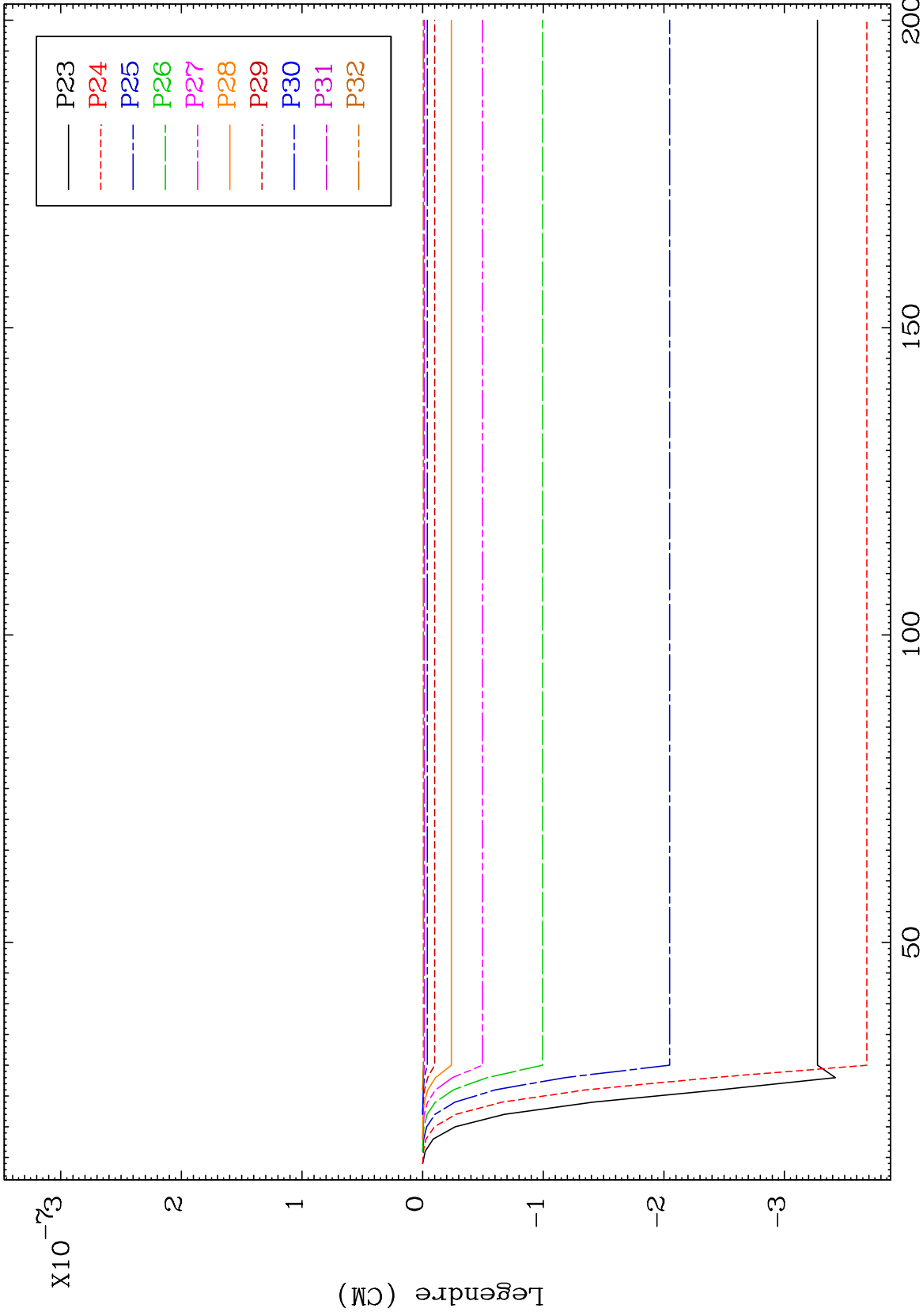


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MAT 3931

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

39-Y -91



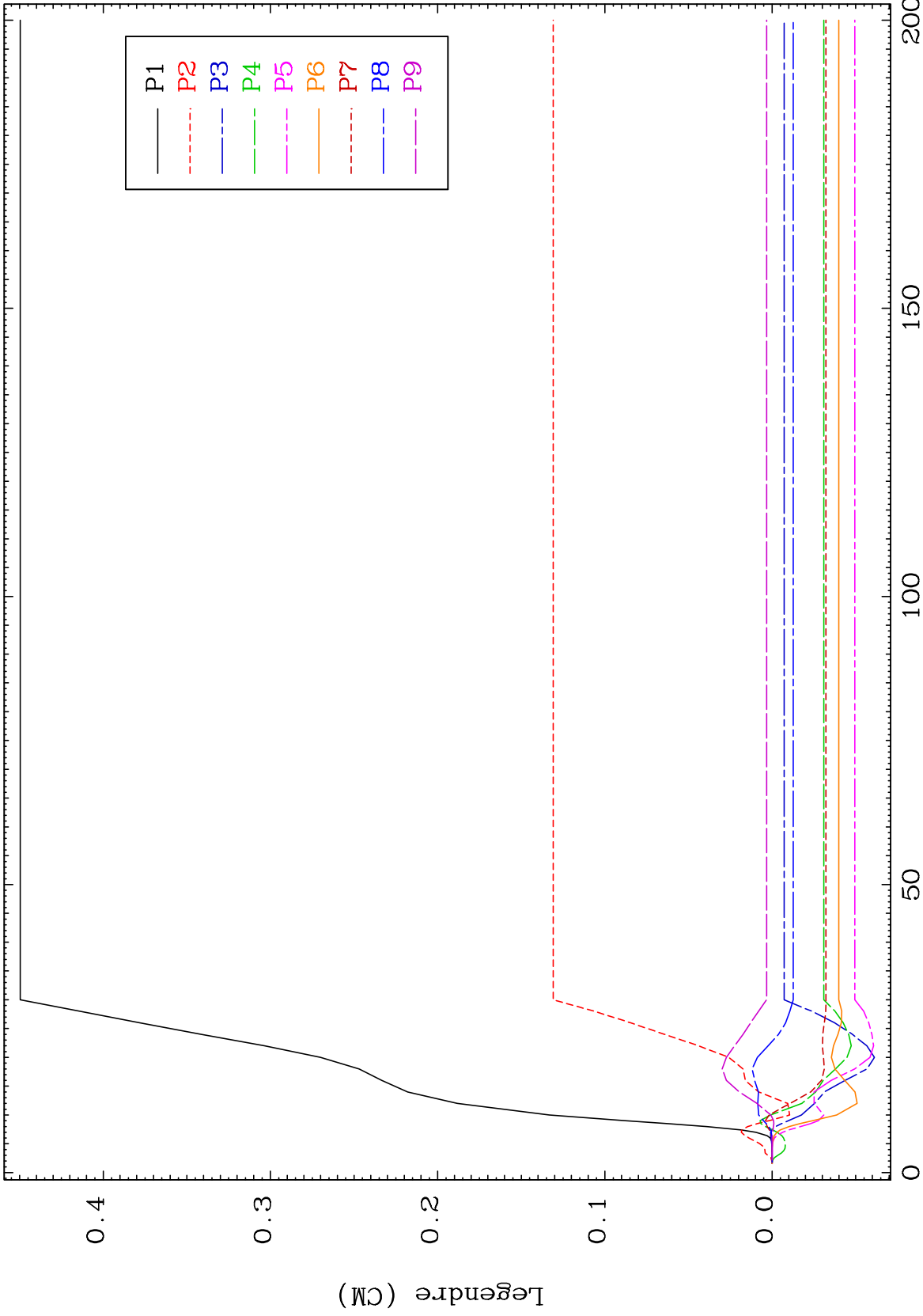
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39-Y -91

MAT 3931

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

39-Y -91



44

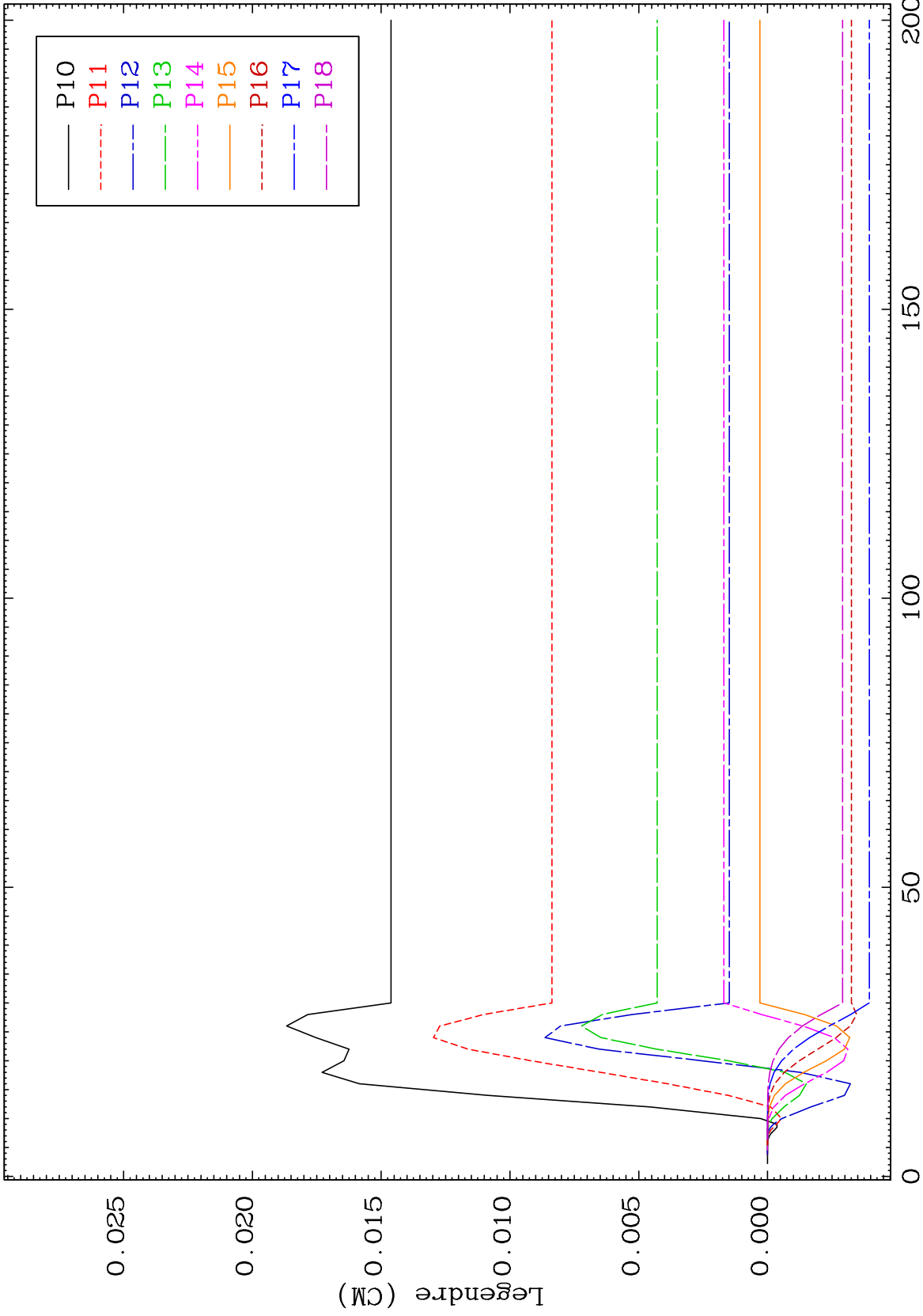
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



45

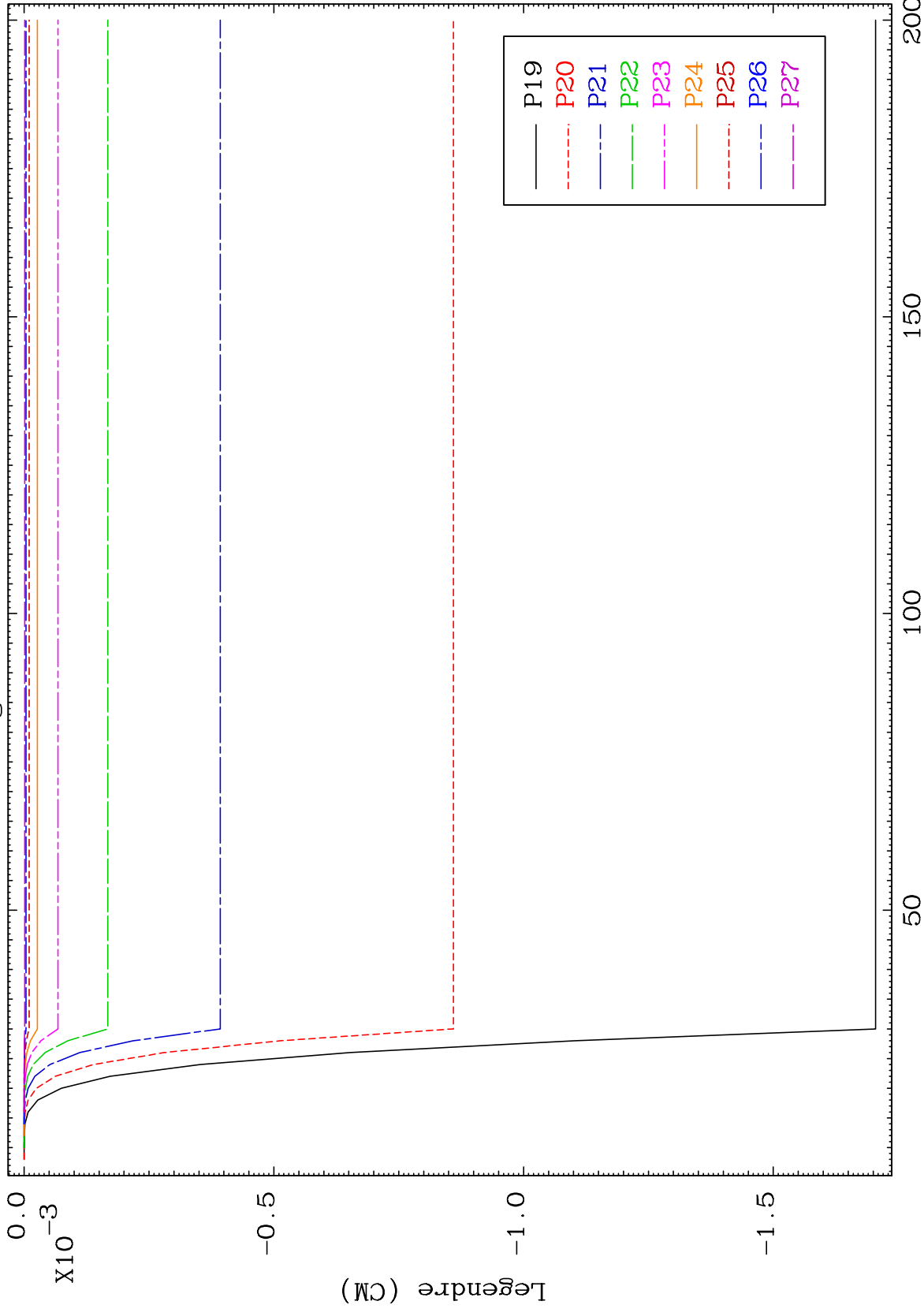
Incident Energy (MeV)

39-Y -91

MAT 3931

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

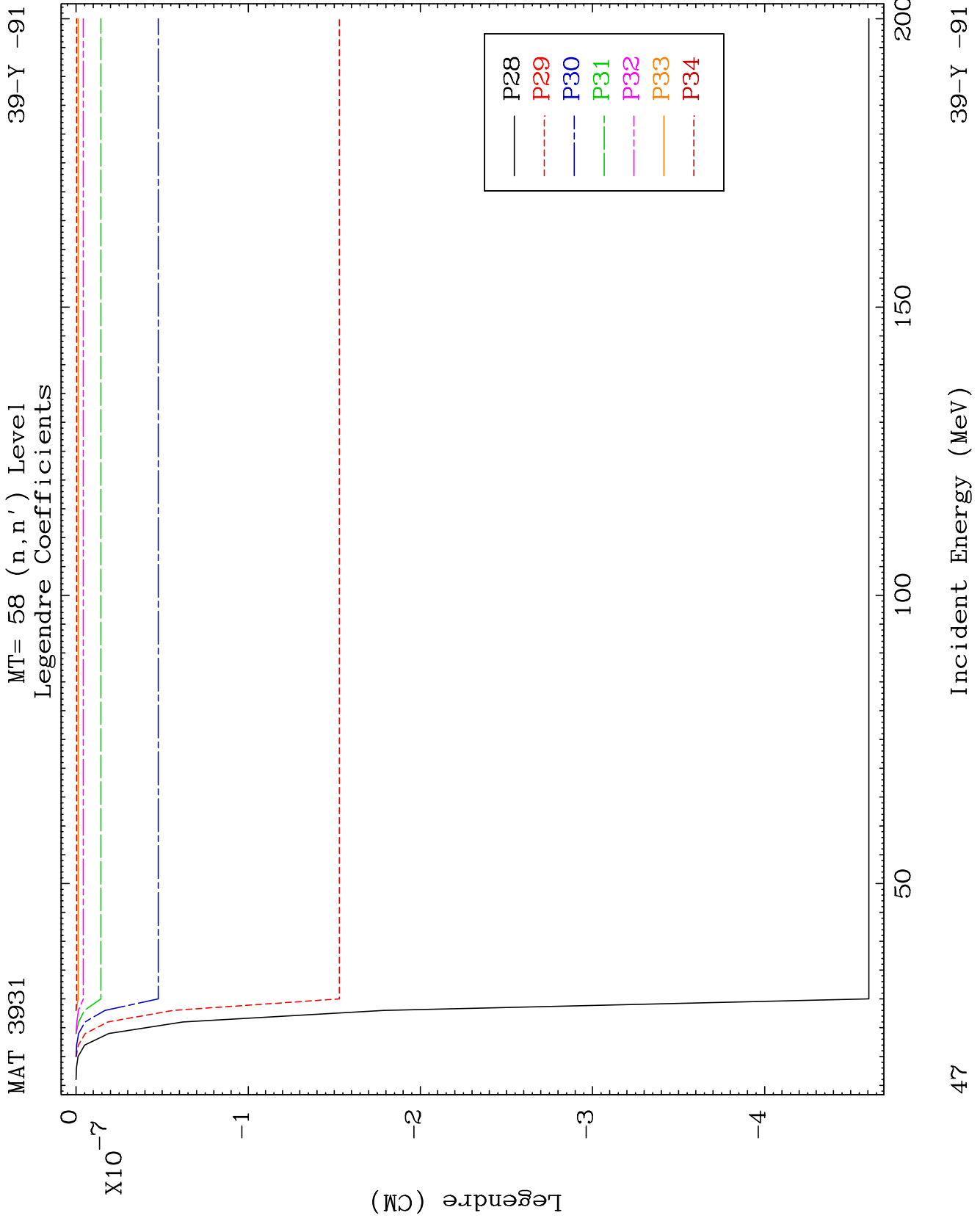
39-Y -91



39-Y -91

Incident Energy (MeV)

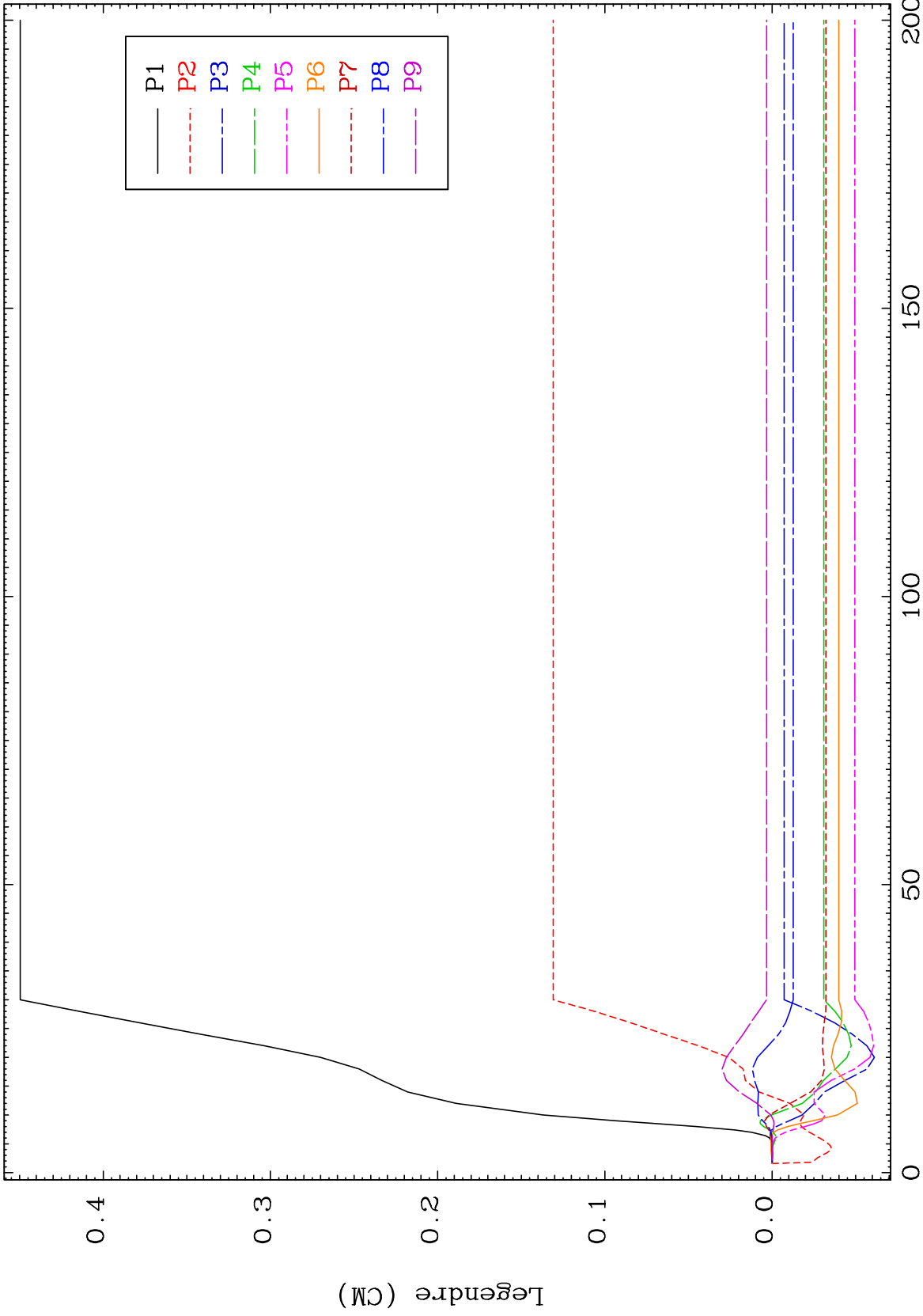
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MAT 3931

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

39-Y -91



48

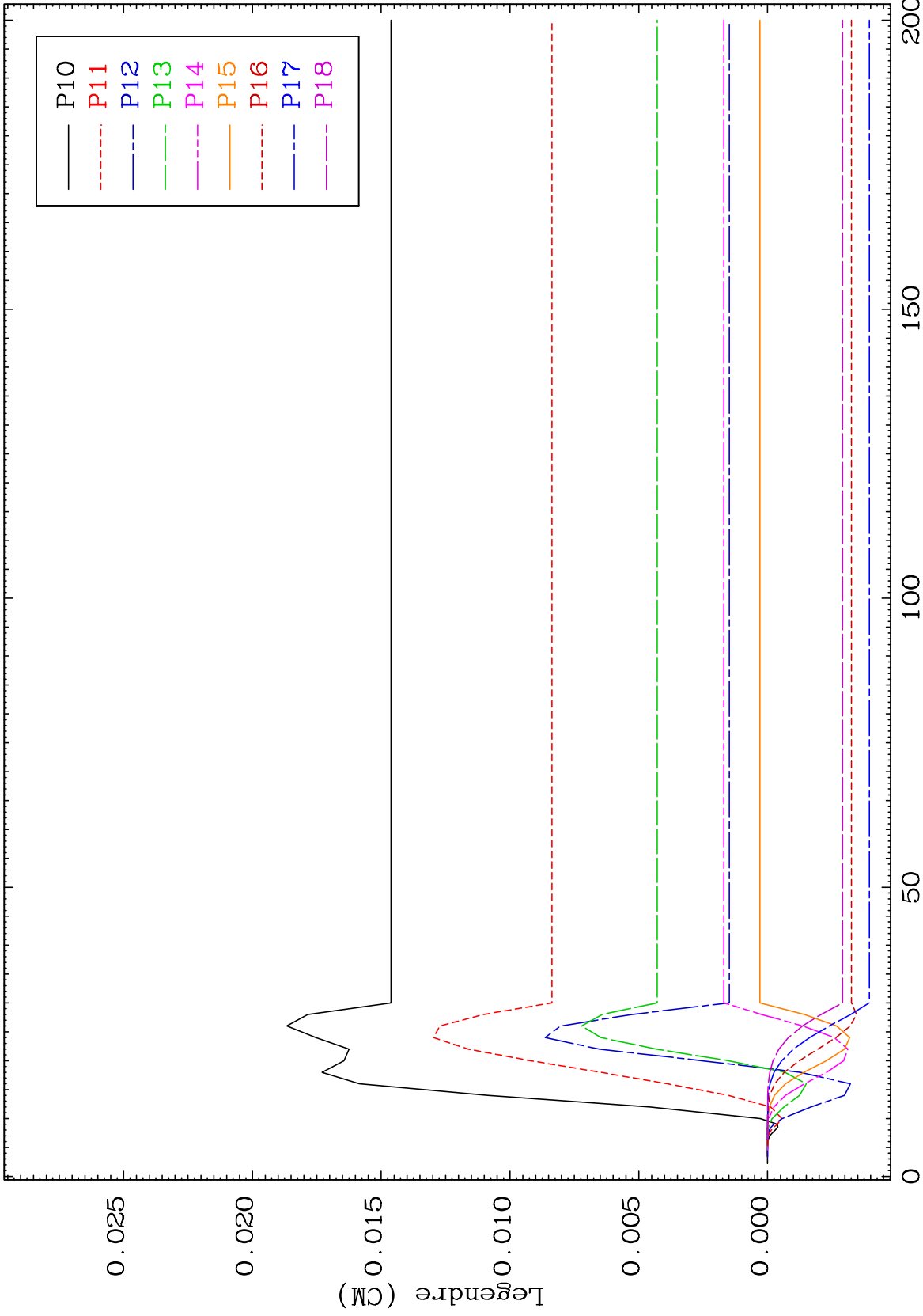
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

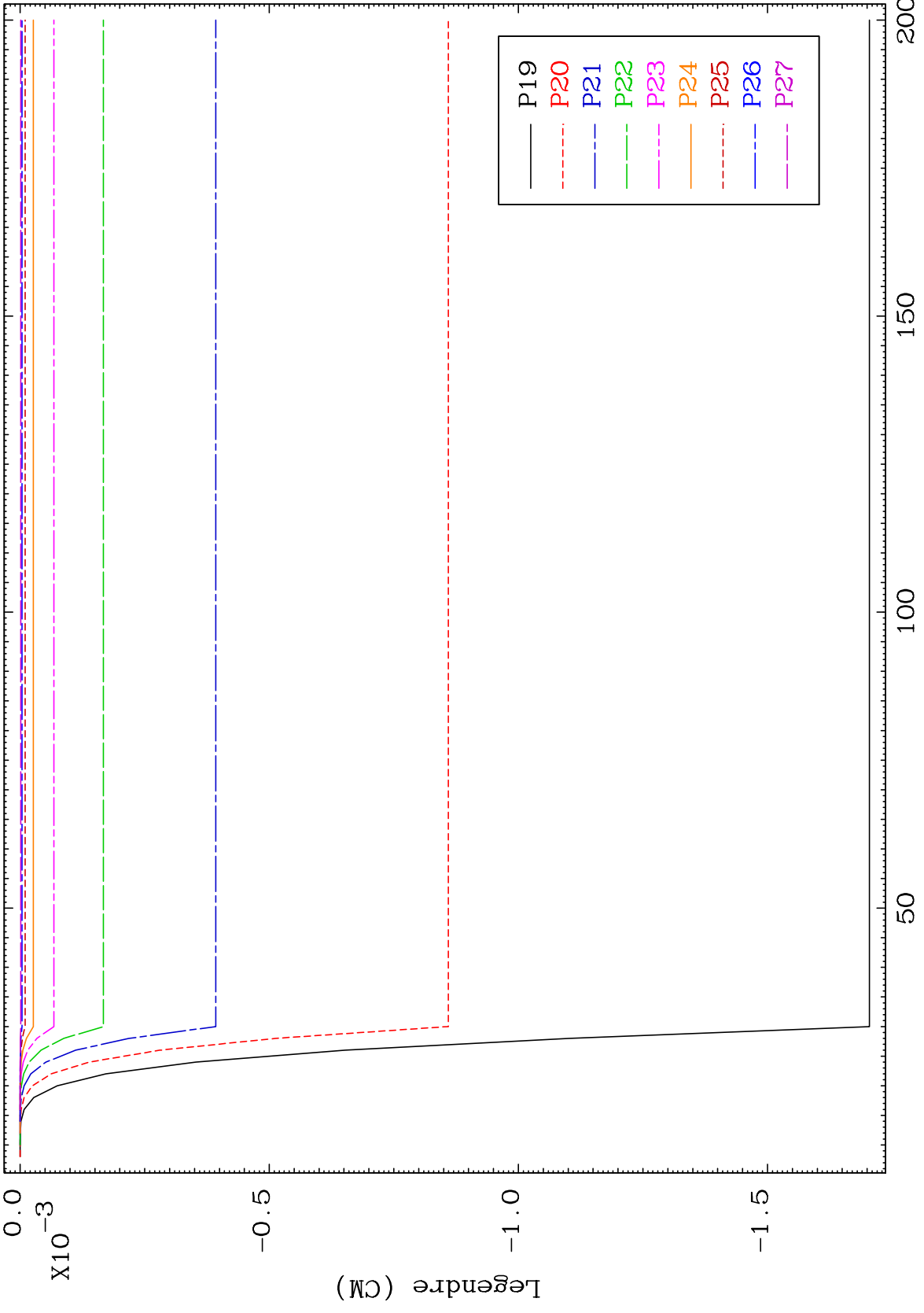


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Incident Energy (MeV)

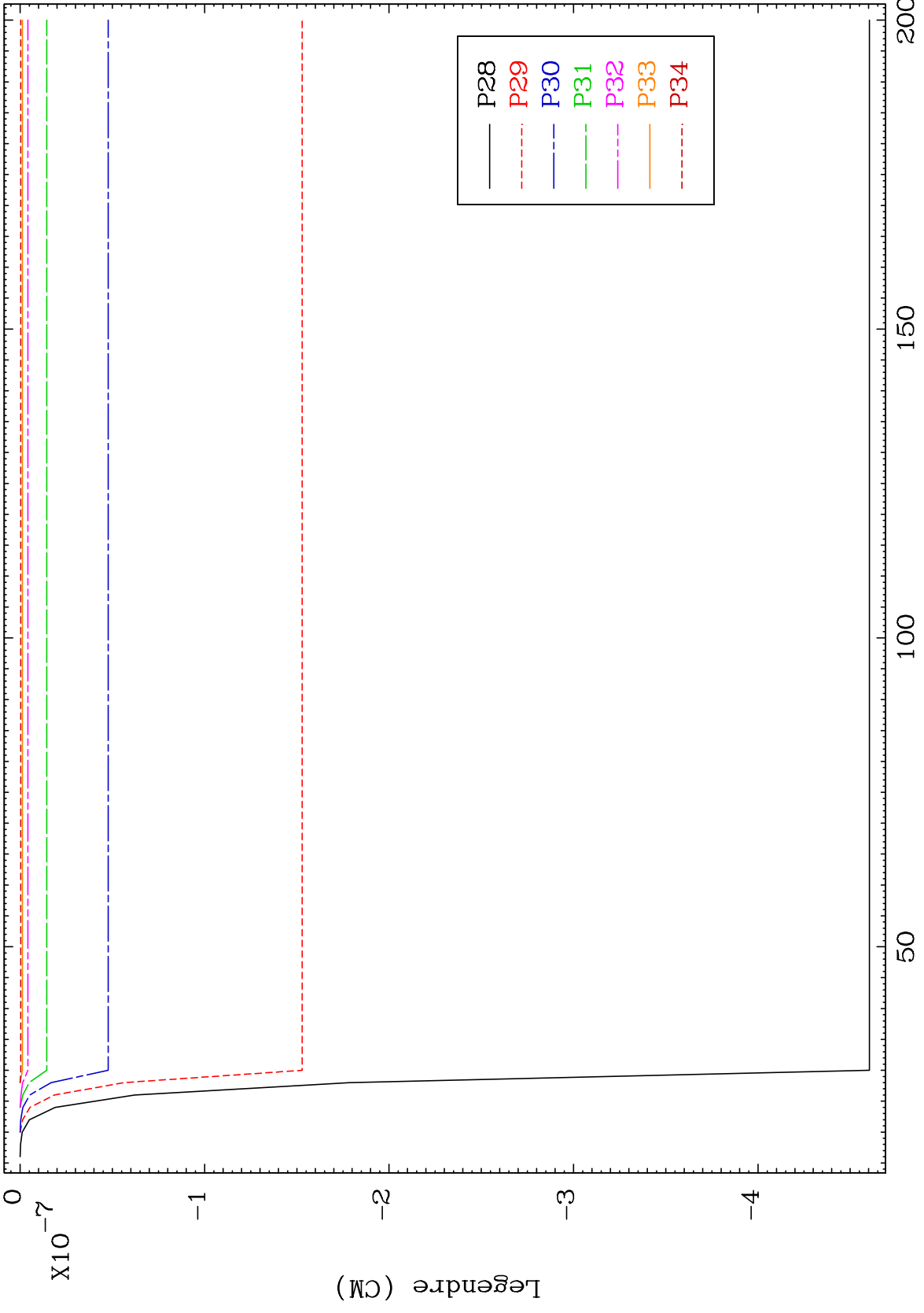
39-Y -91

MAT 3931 MT= 59 (n,n') Level Legendre Coefficients 39-Y -91



50 100 150 200 Incident Energy (MeV) 39-Y -91

MAT 3931 MT= 59 (n,n') Level Legendre Coefficients 39-Y -91

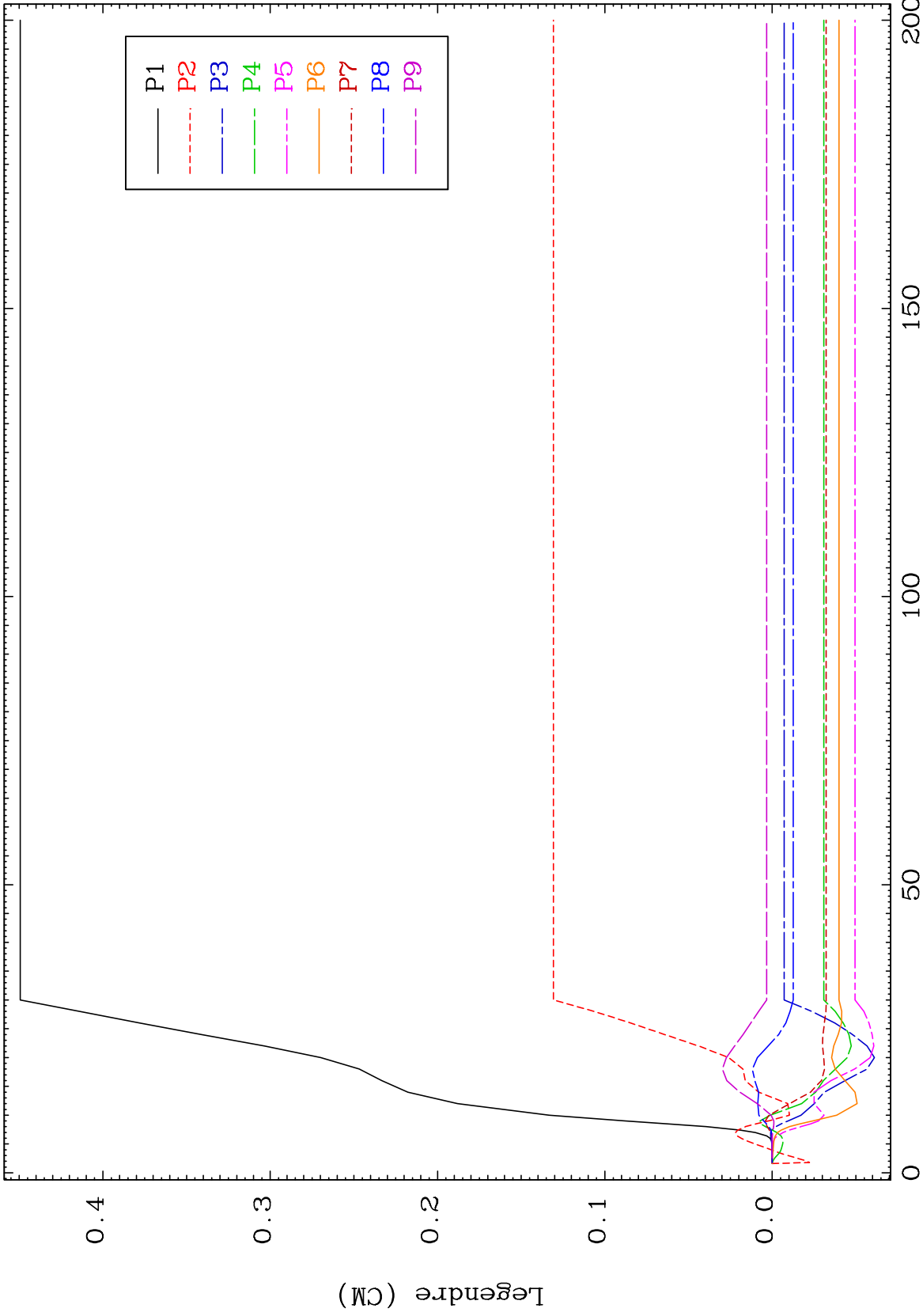


51 39-Y -91

MAT 3931

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

39-Y -91



52

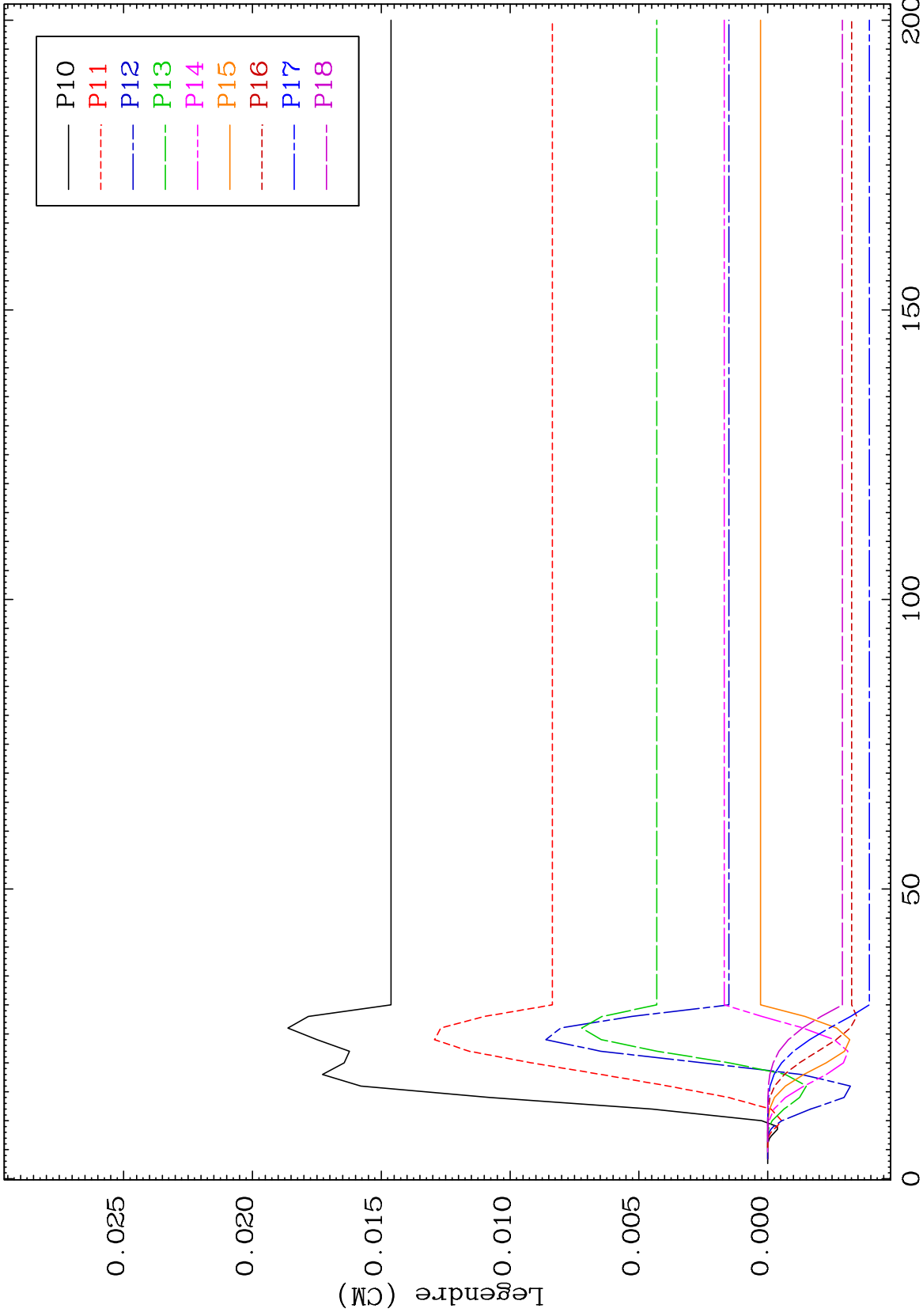
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



53

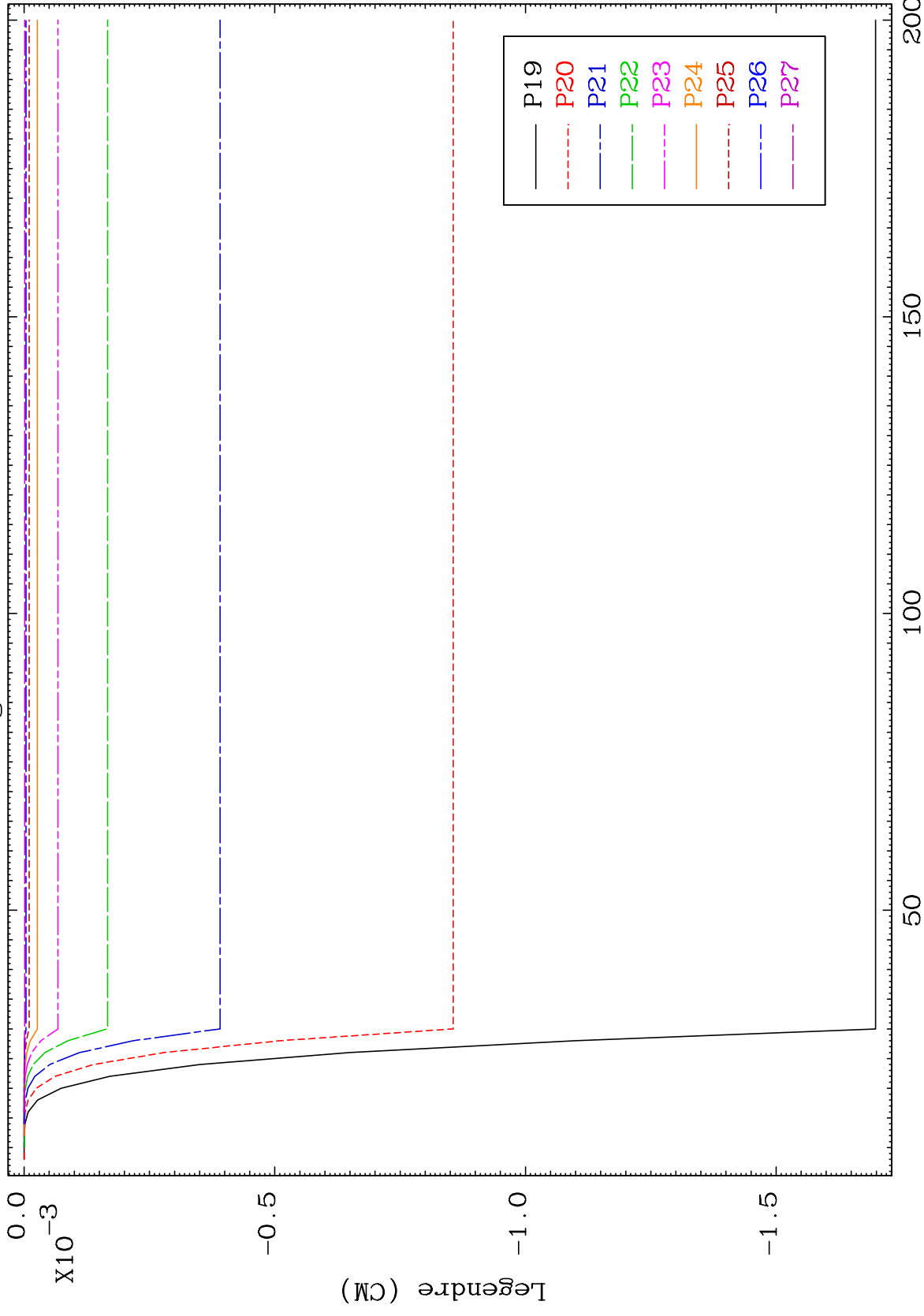
Incident Energy (MeV)

39-Y -91

MAT 3931

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

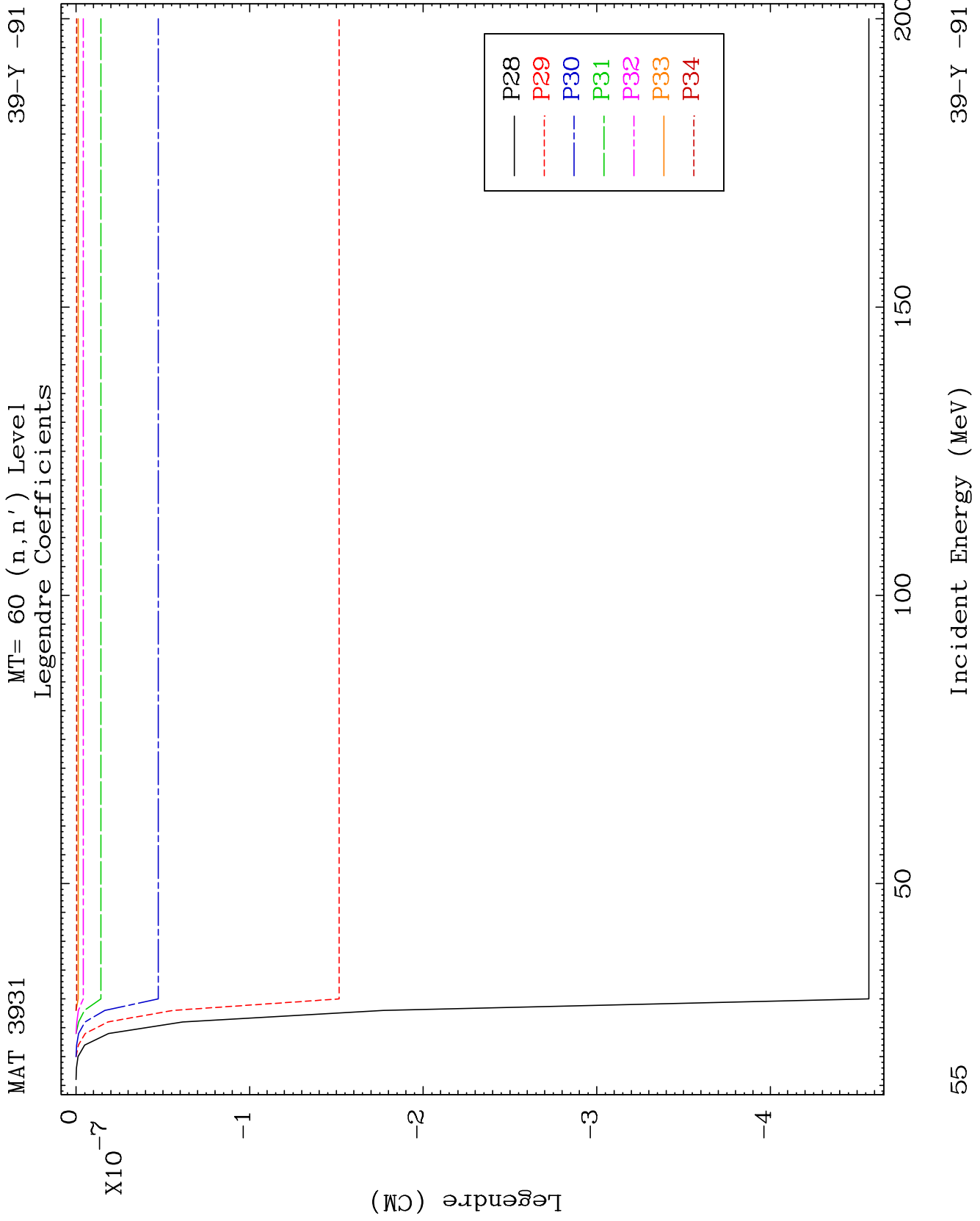
39-Y -91



39-Y -91

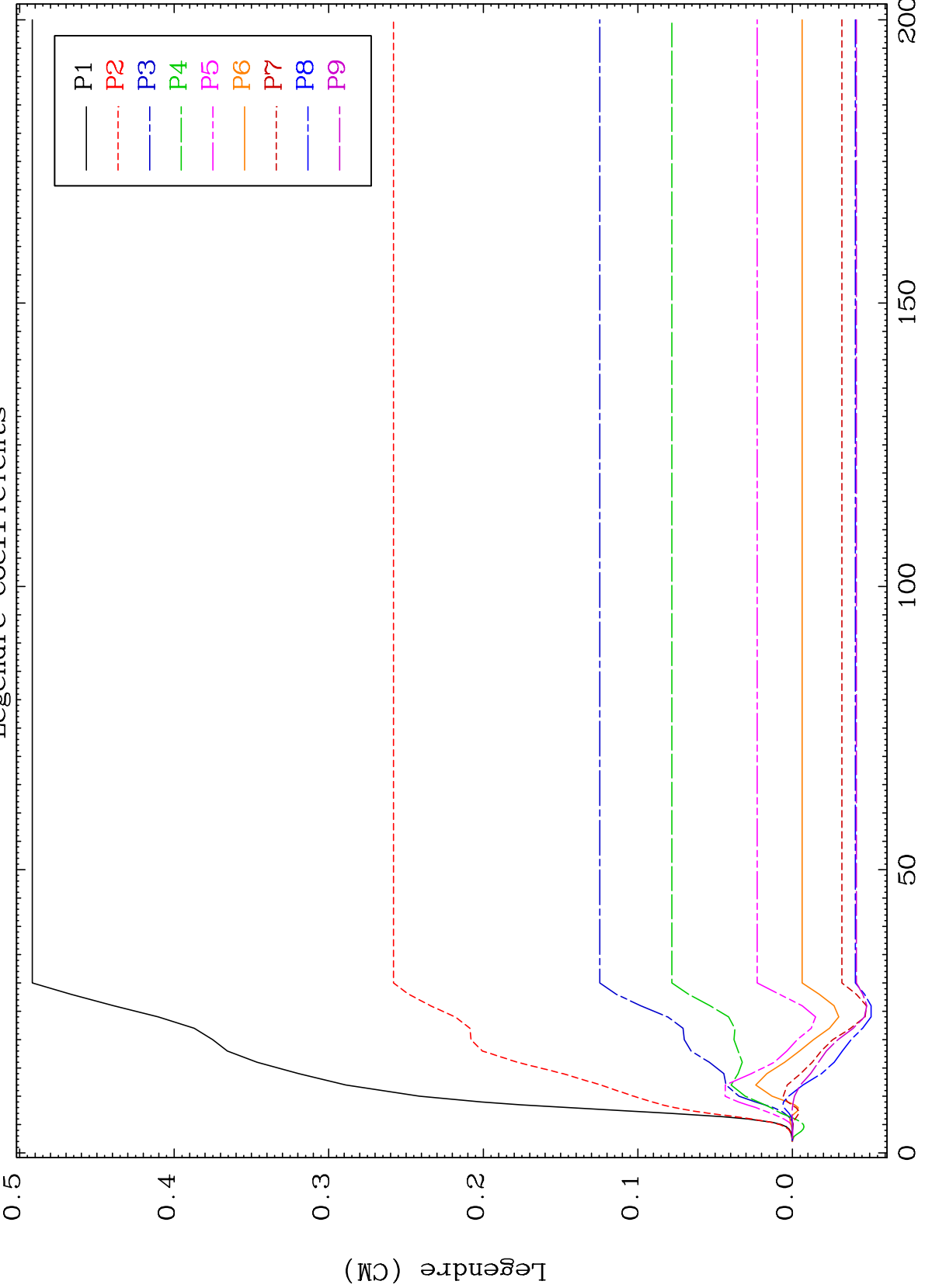
Incident Energy (MeV)

54



MAT 3931 MT= 61 (n,n') Level Legendre Coefficients

39-Y -91



39-Y -91

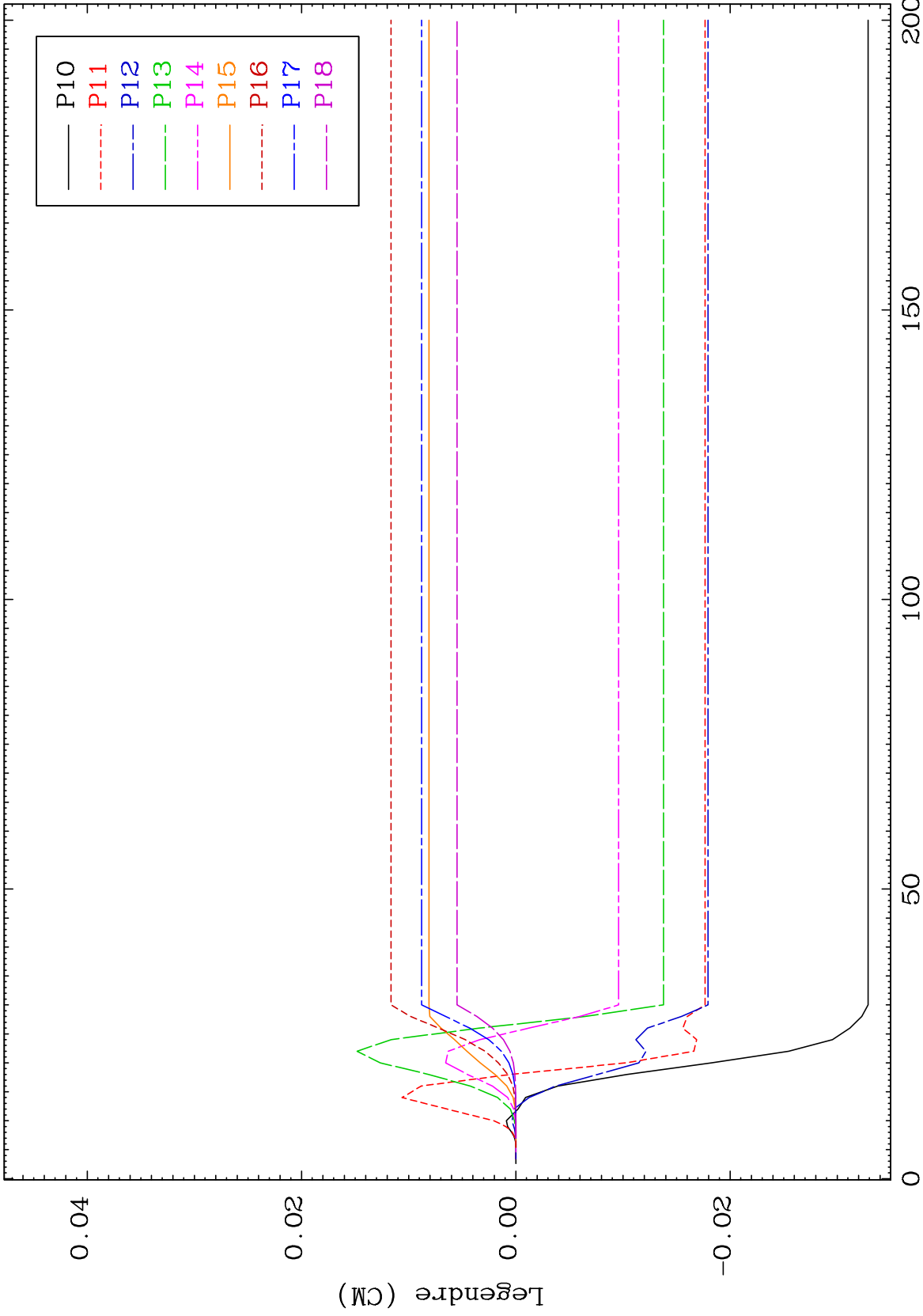
Incident Energy (MeV)

56

MAT 3931

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

39-Y -91



57

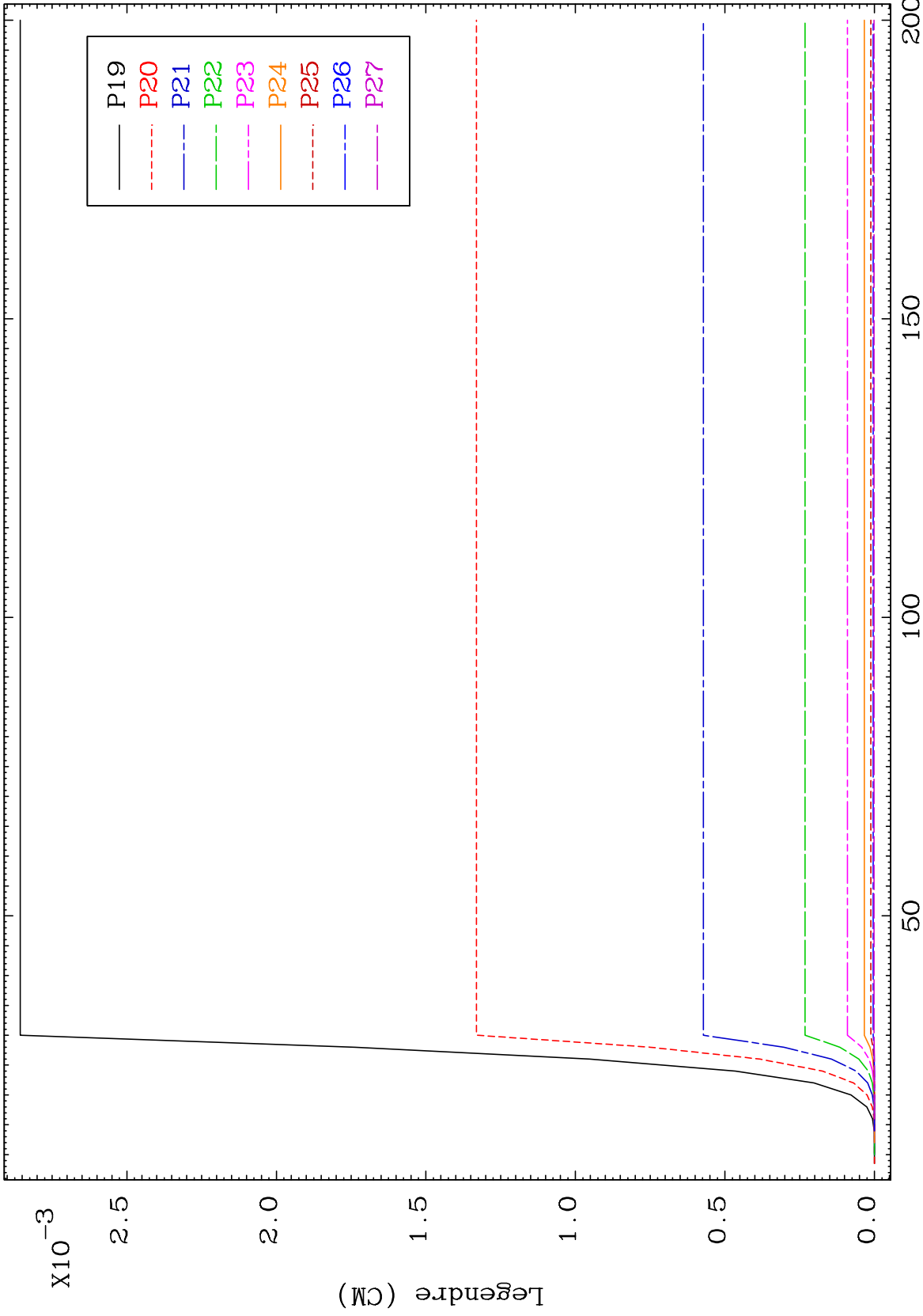
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



58

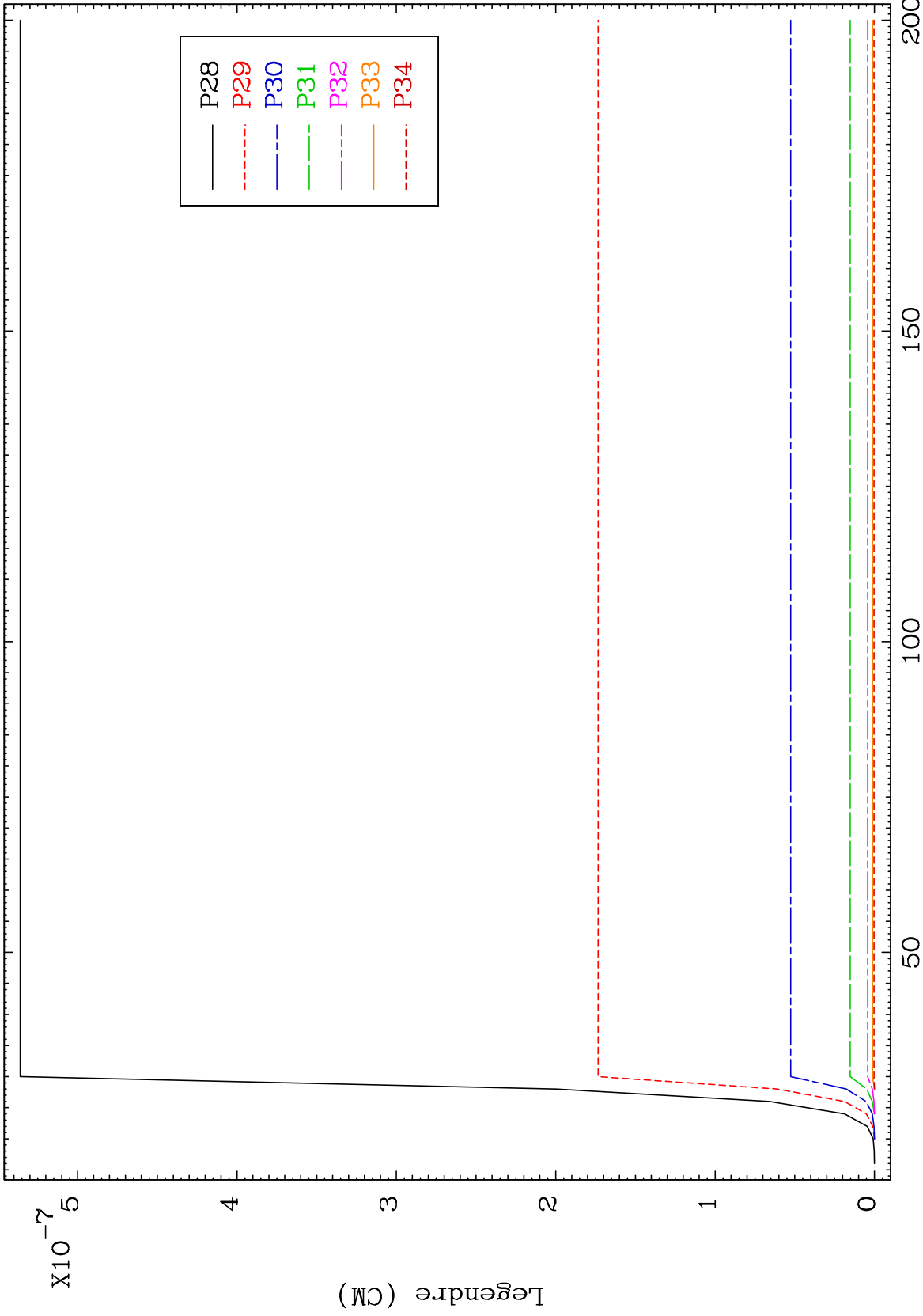
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



59

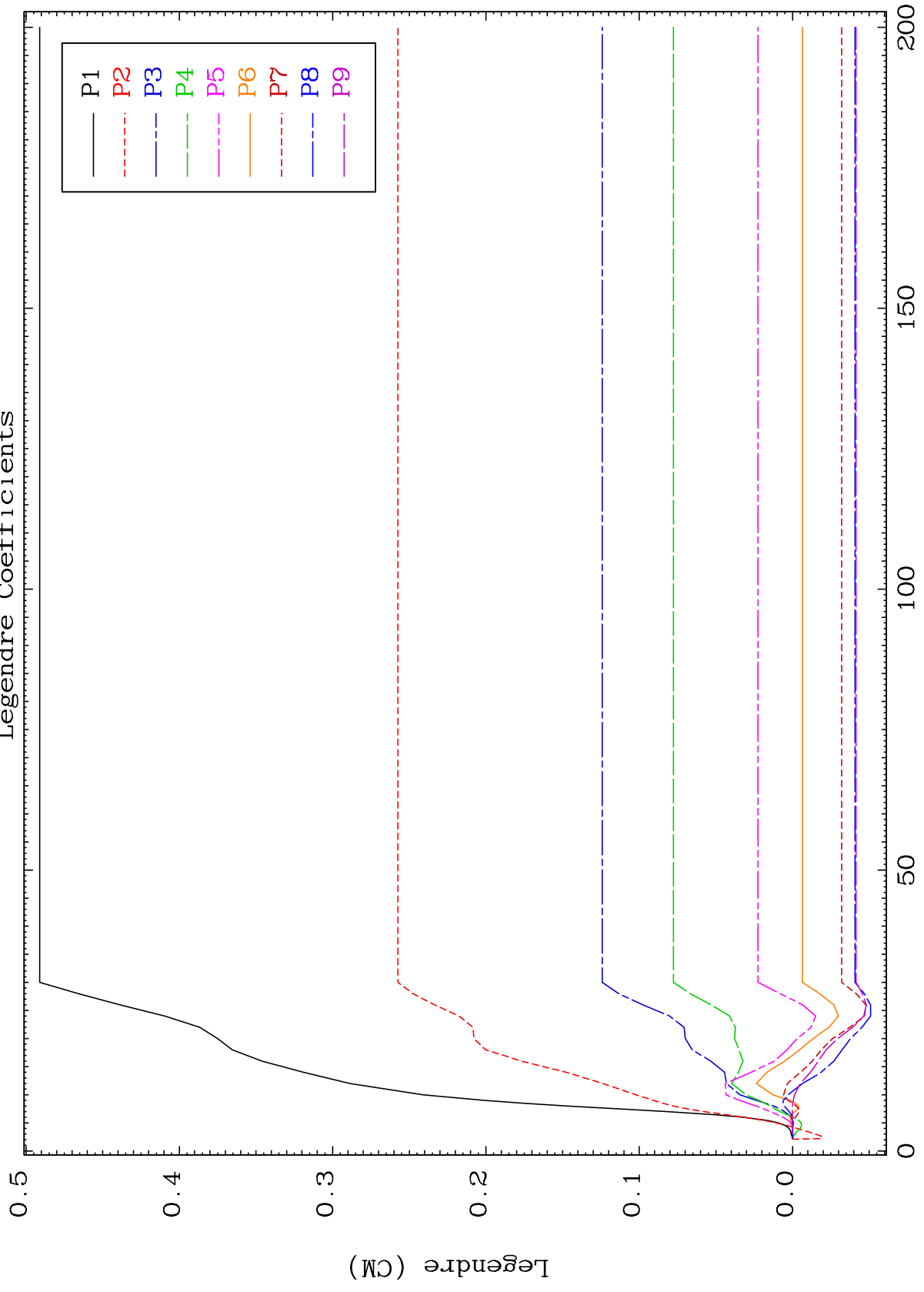
Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 62 (n,n') Level Legendre Coefficients

39-Y -91

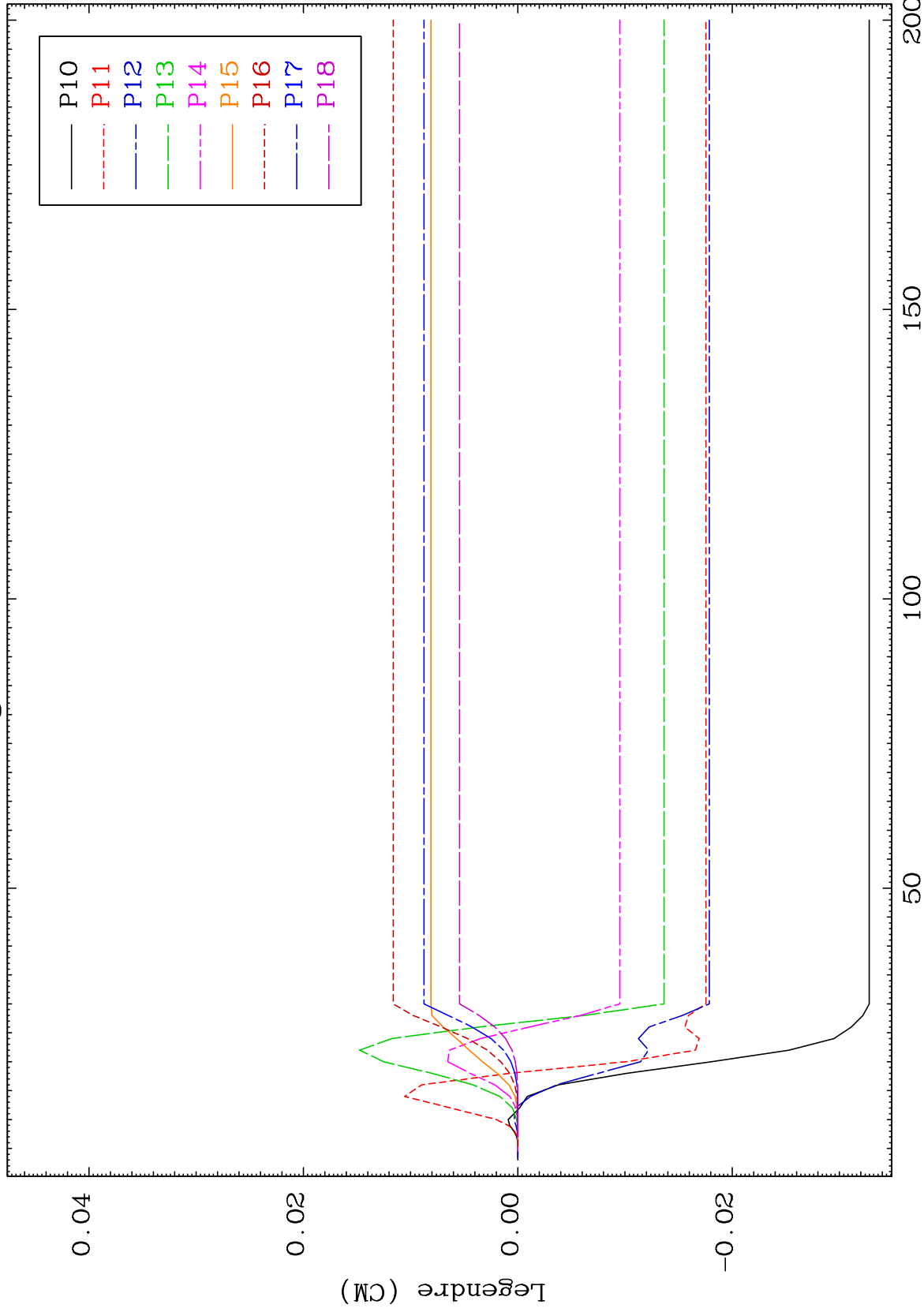
39-Y -91



MAT 3931

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

39-Y -91



61

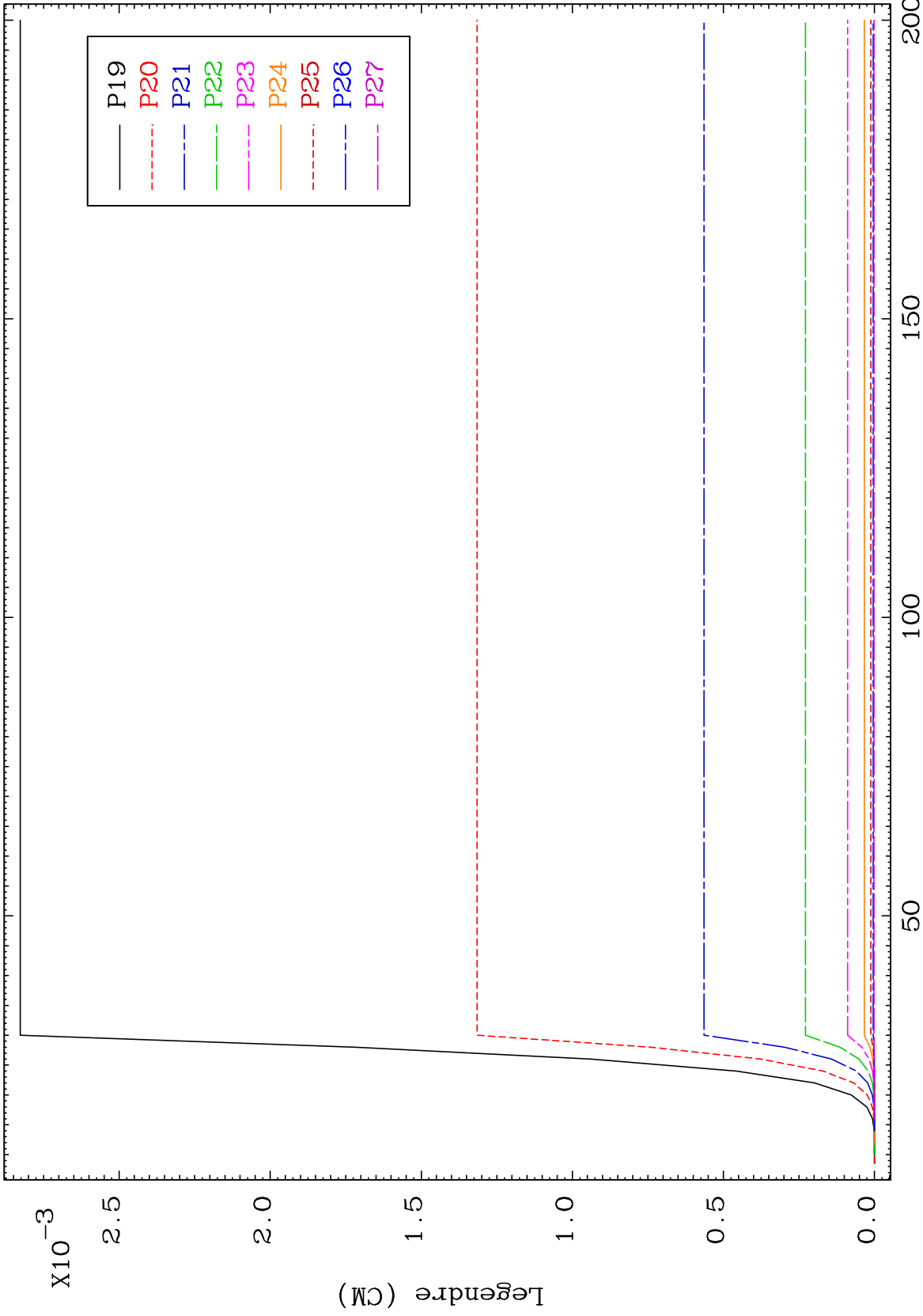
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



62

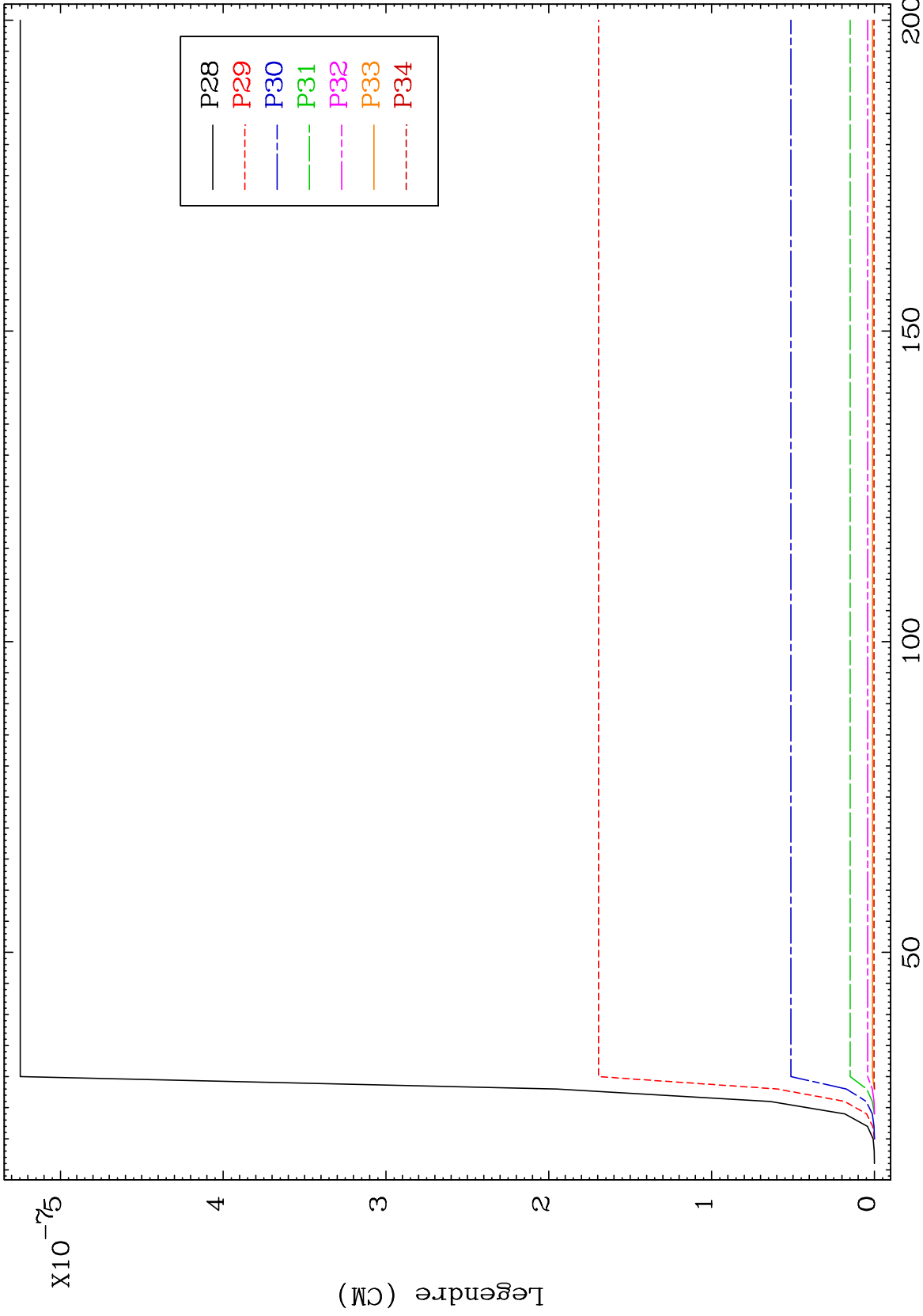
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



63

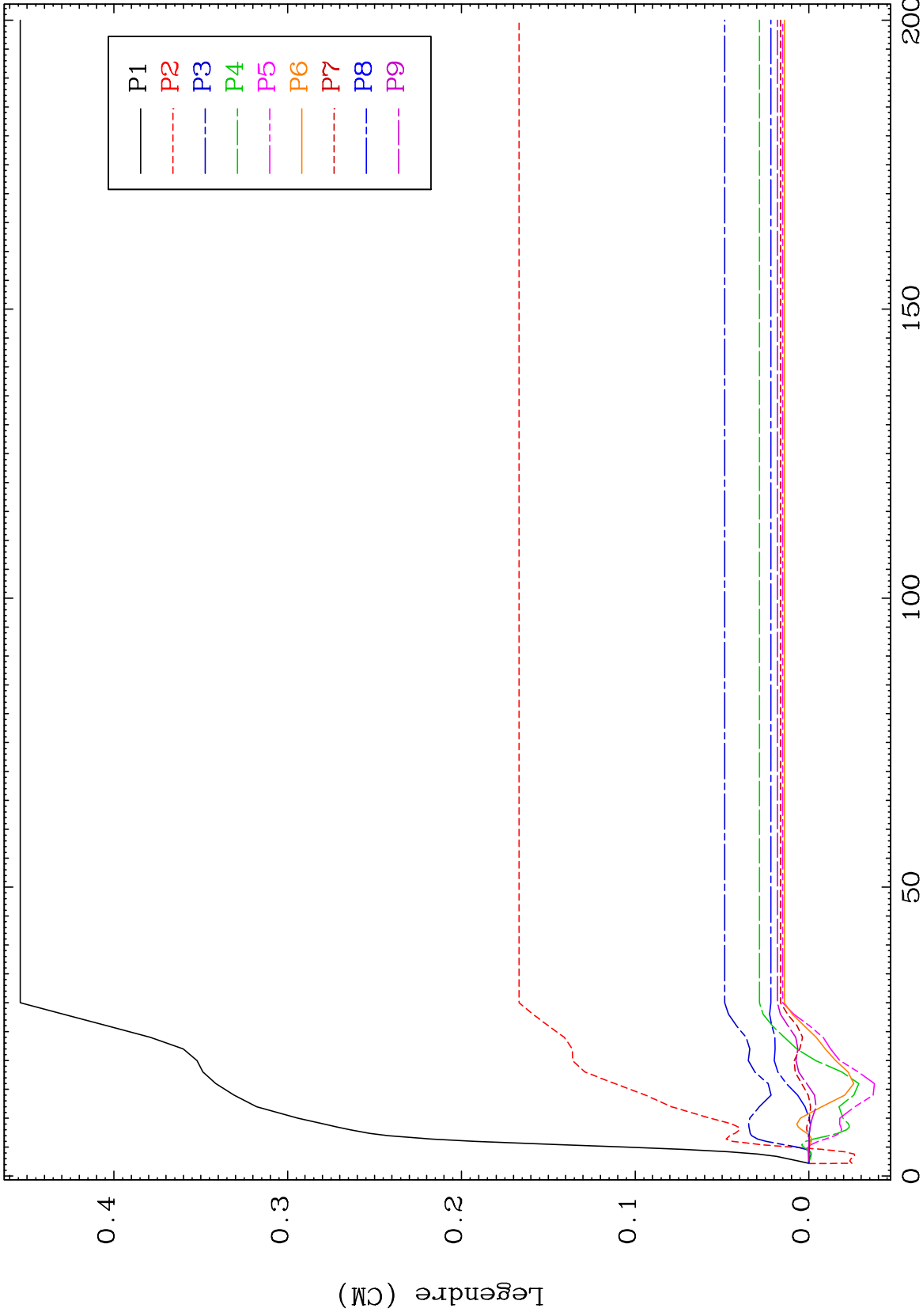
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



64

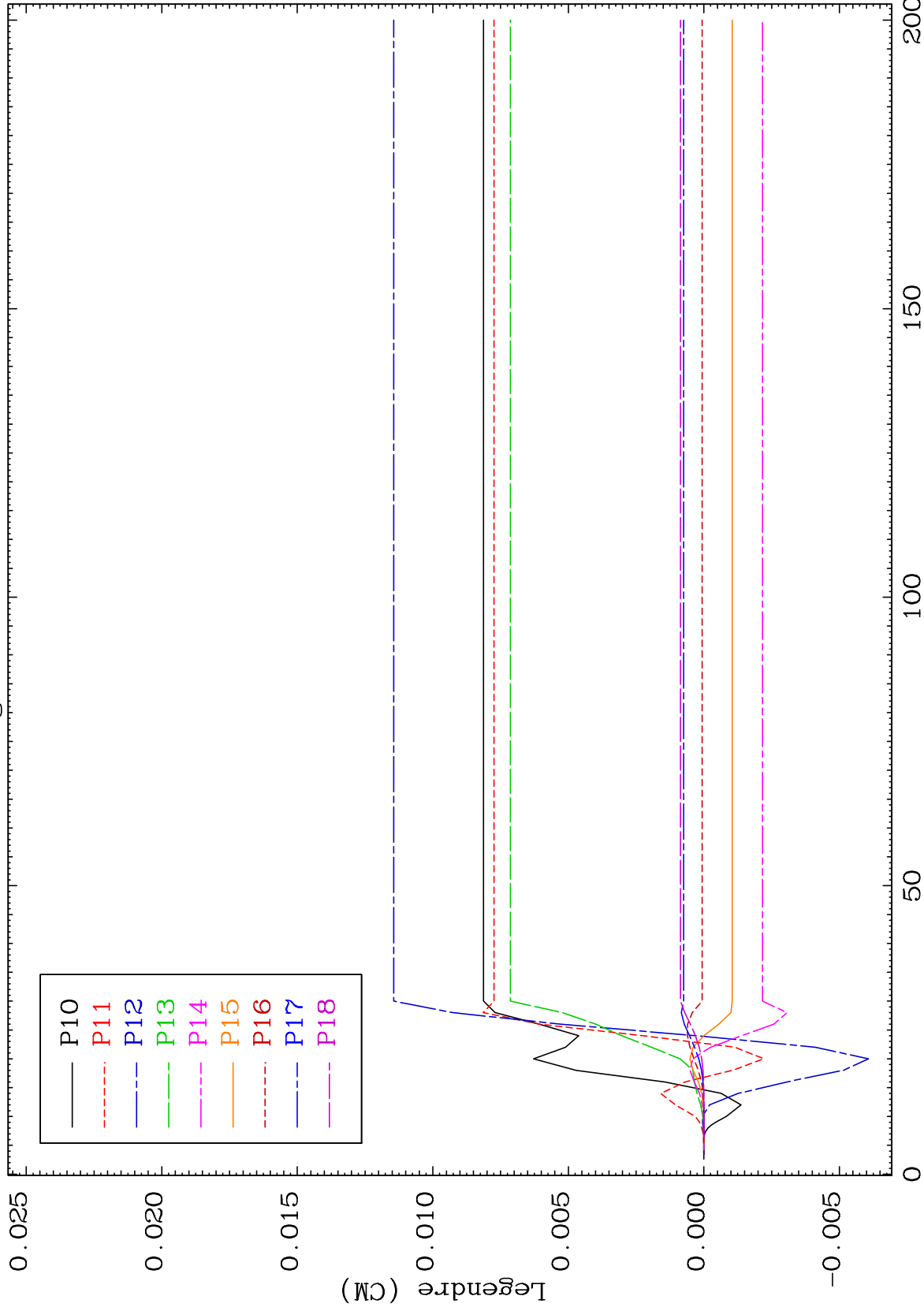
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



65

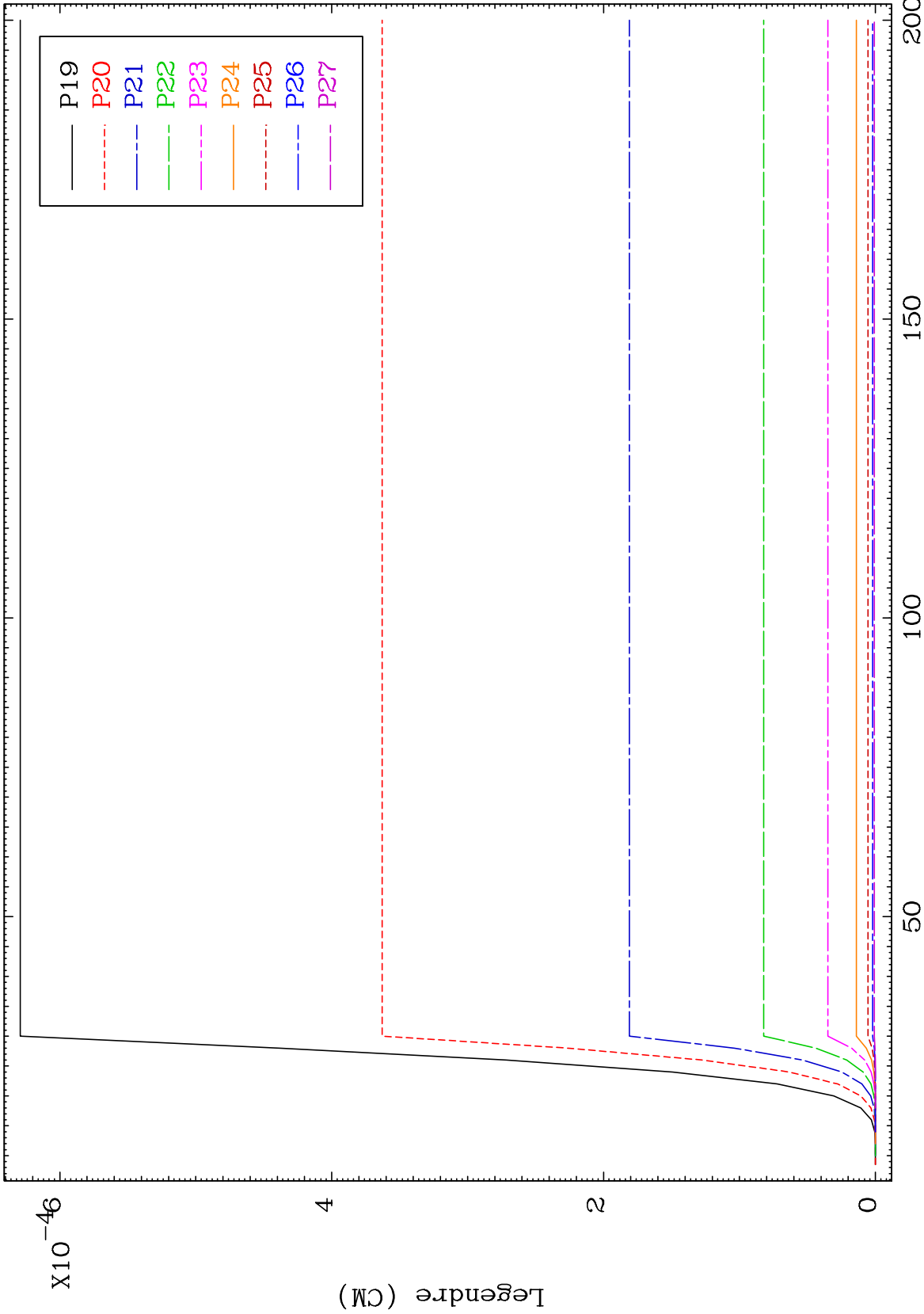
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



66

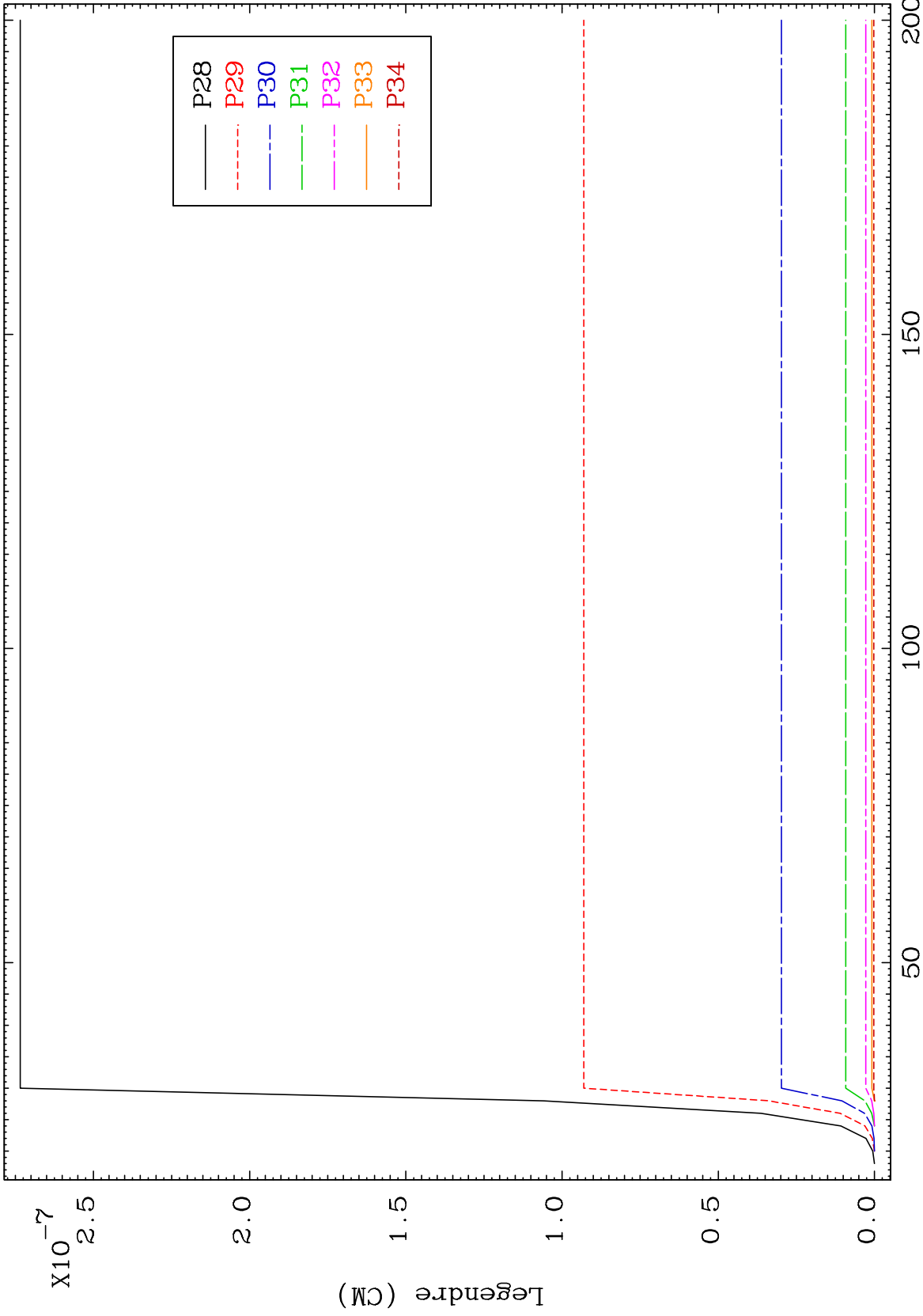
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



67

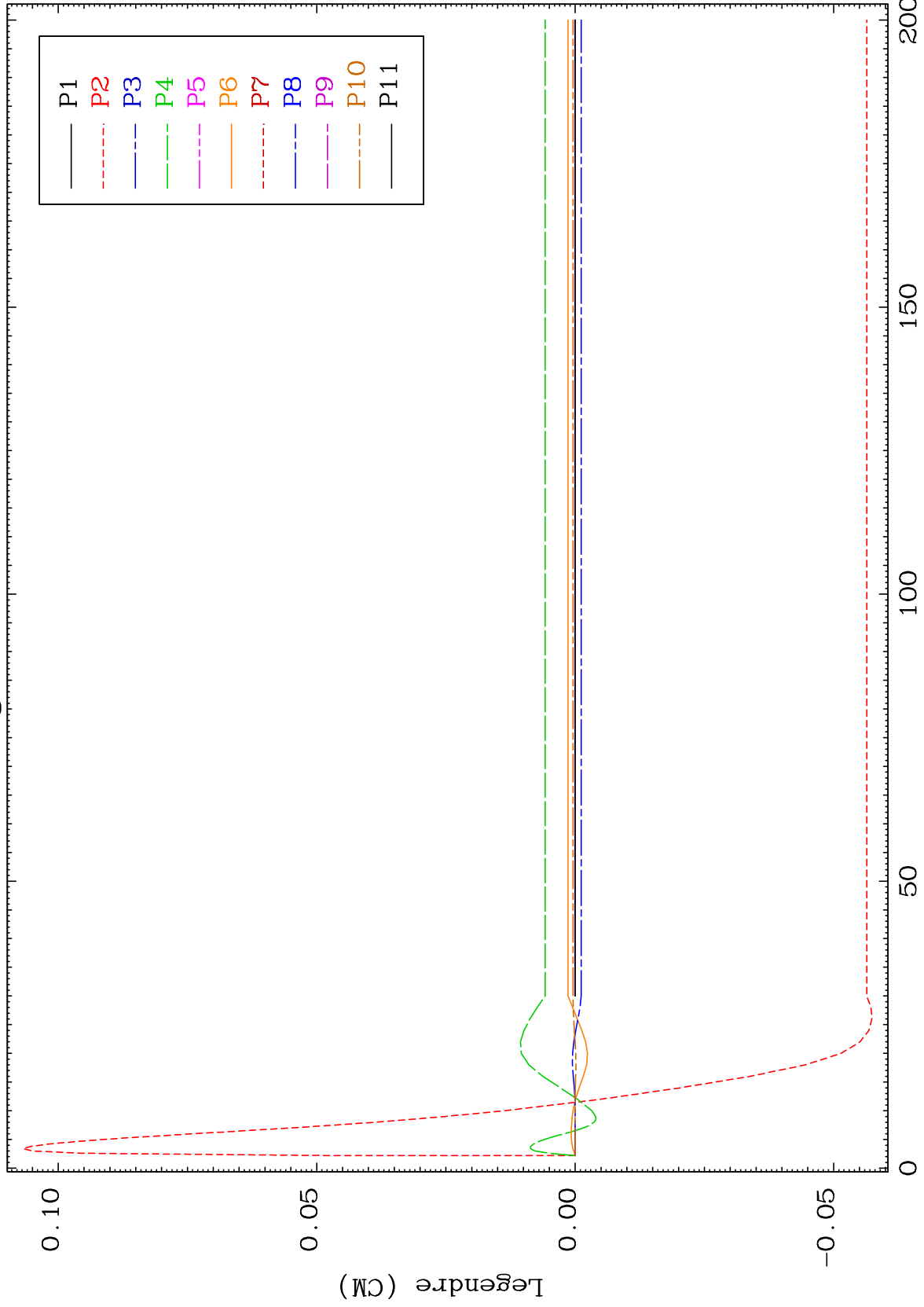
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



68

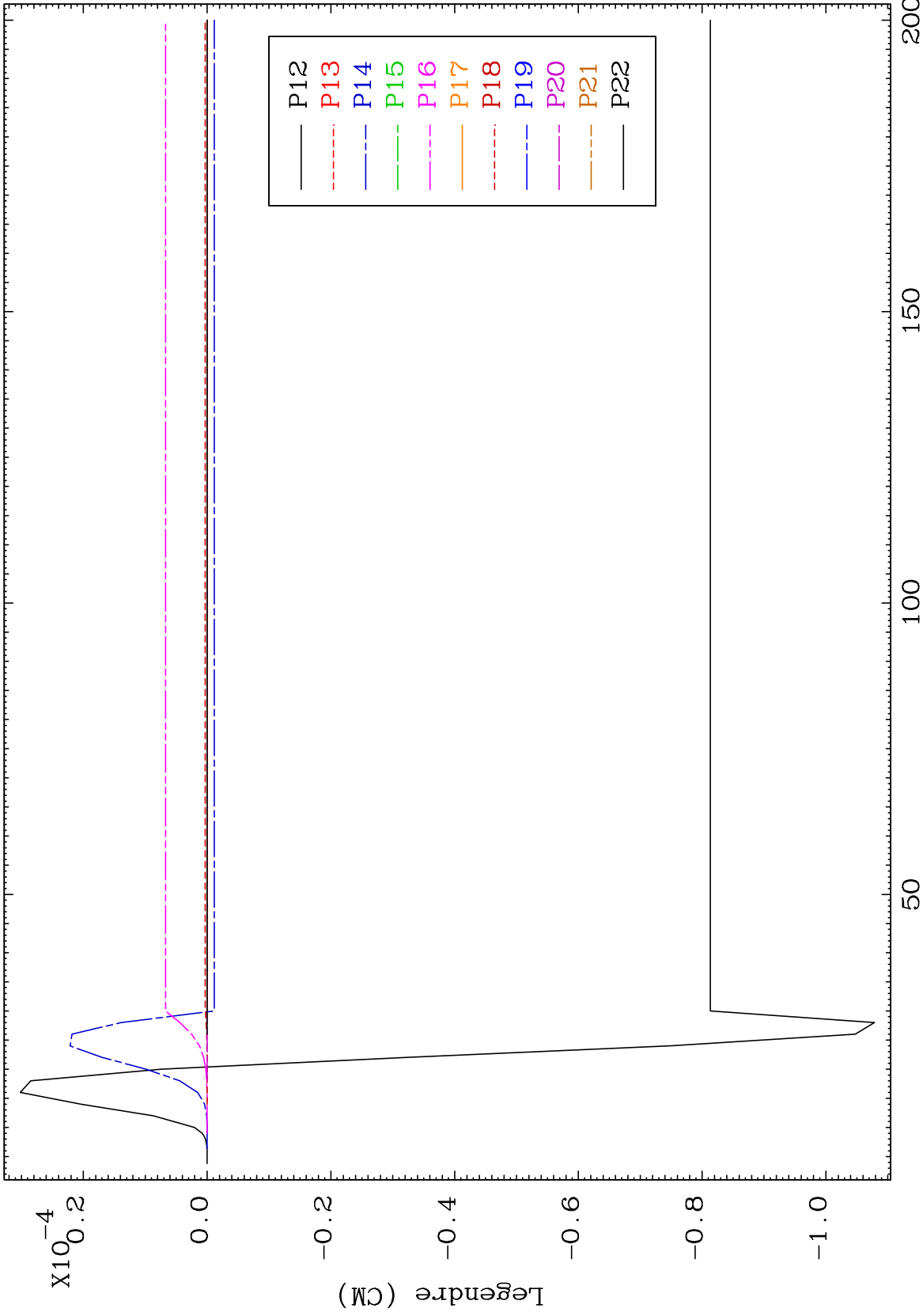
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

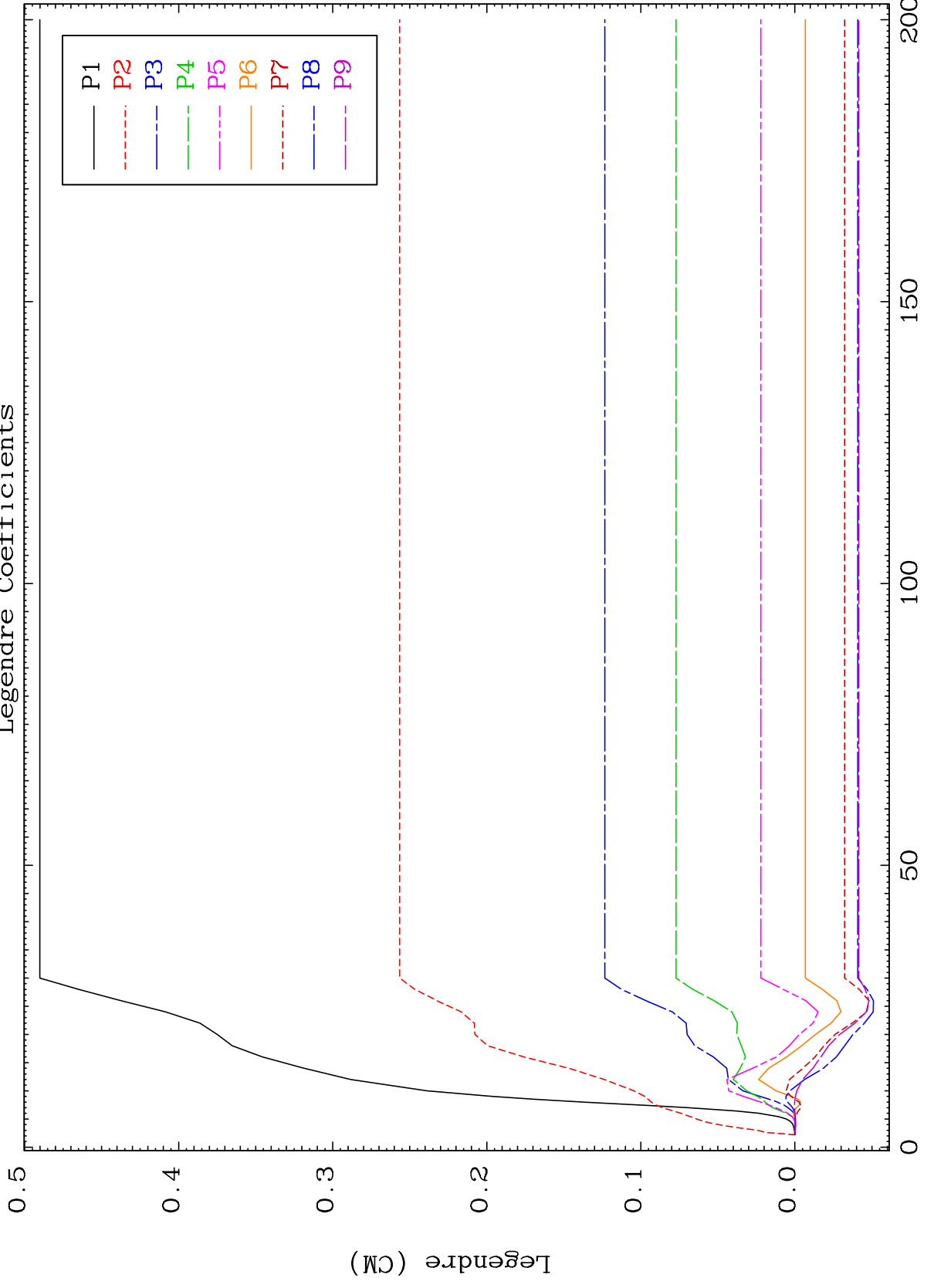


69

Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 65 (n,n') Level Legendre Coefficients 39-Y -91

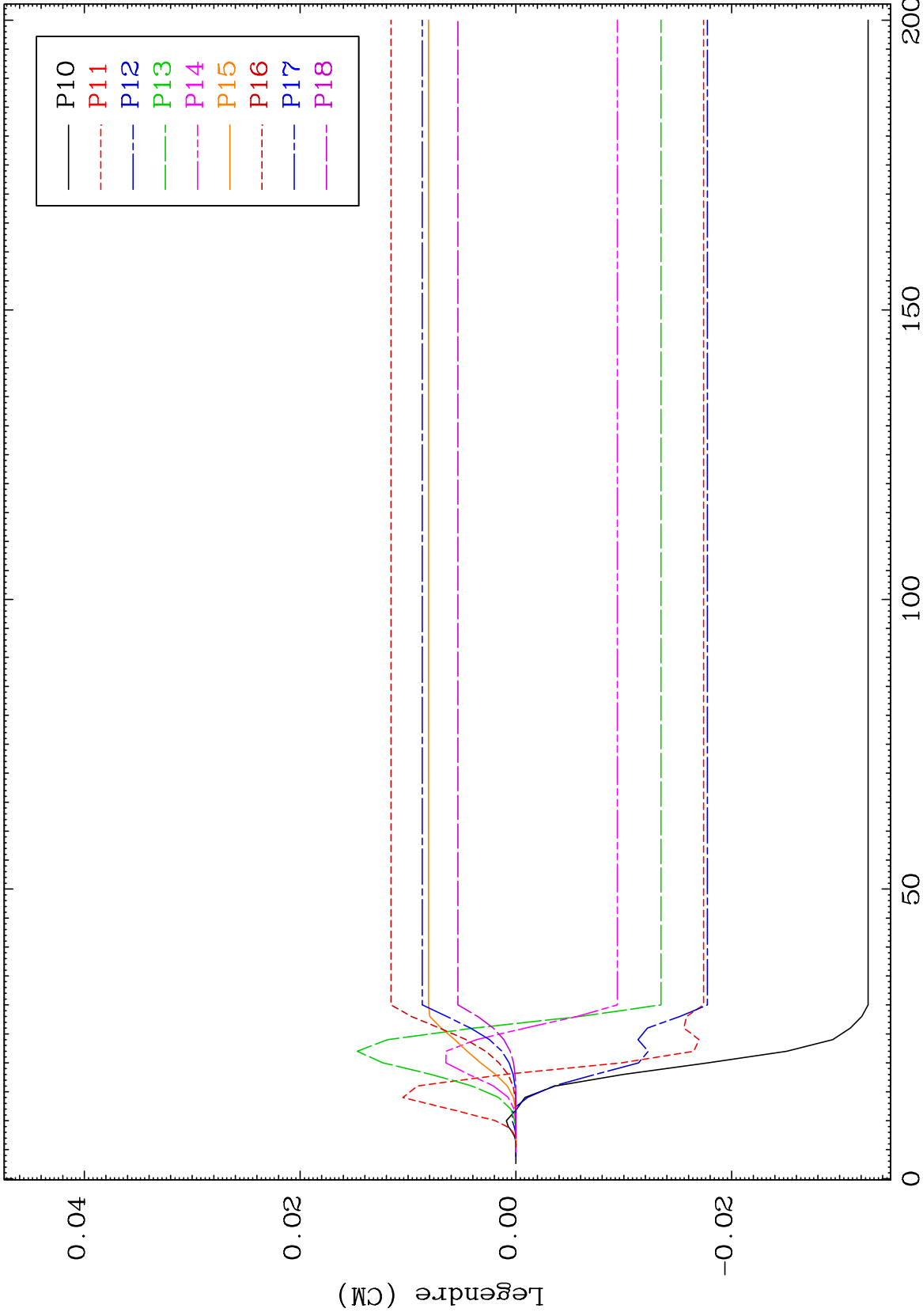


70 Incident Energy (MeV) 39-Y -91

MAT 3931

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

39-Y -91



71

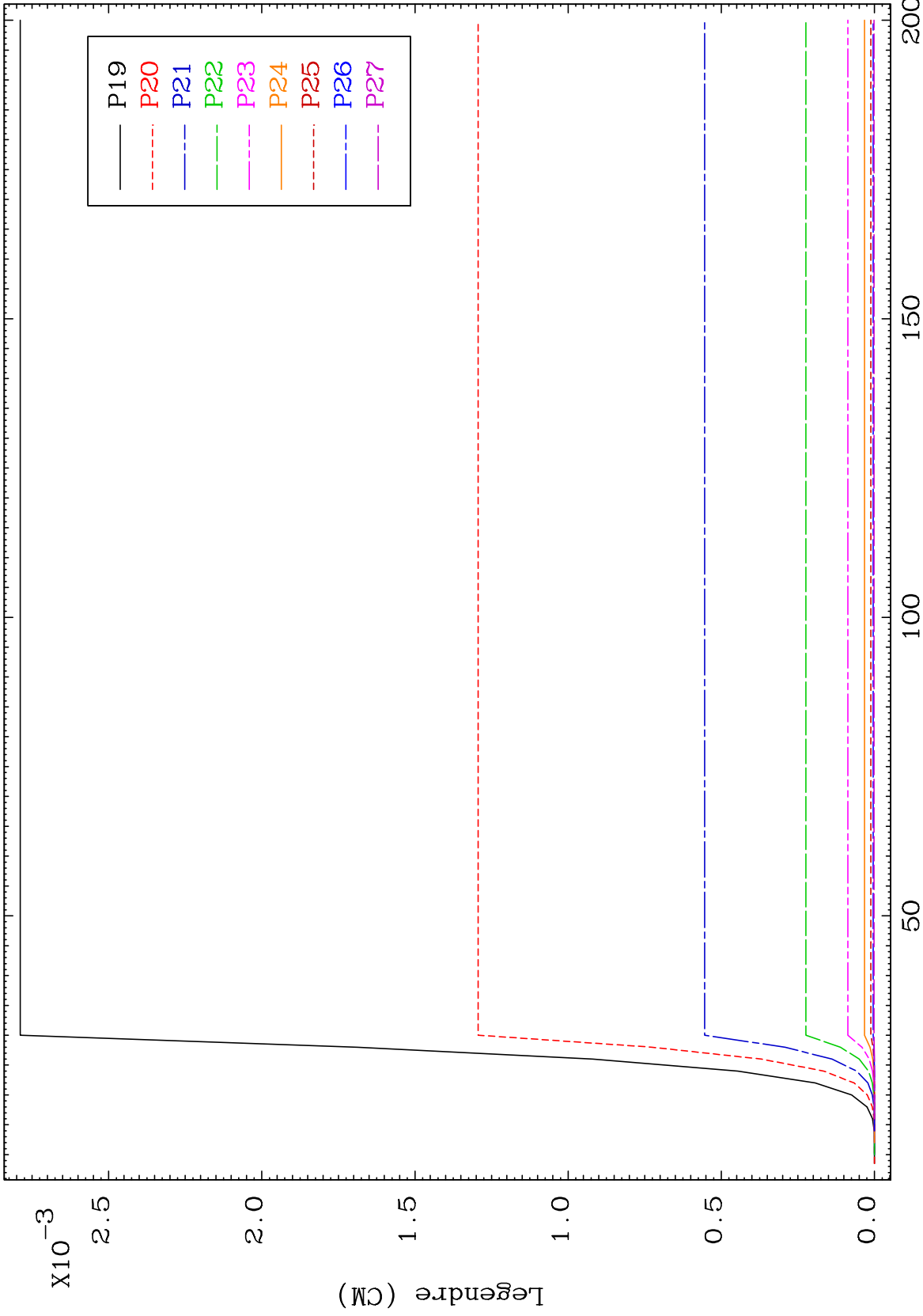
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



72

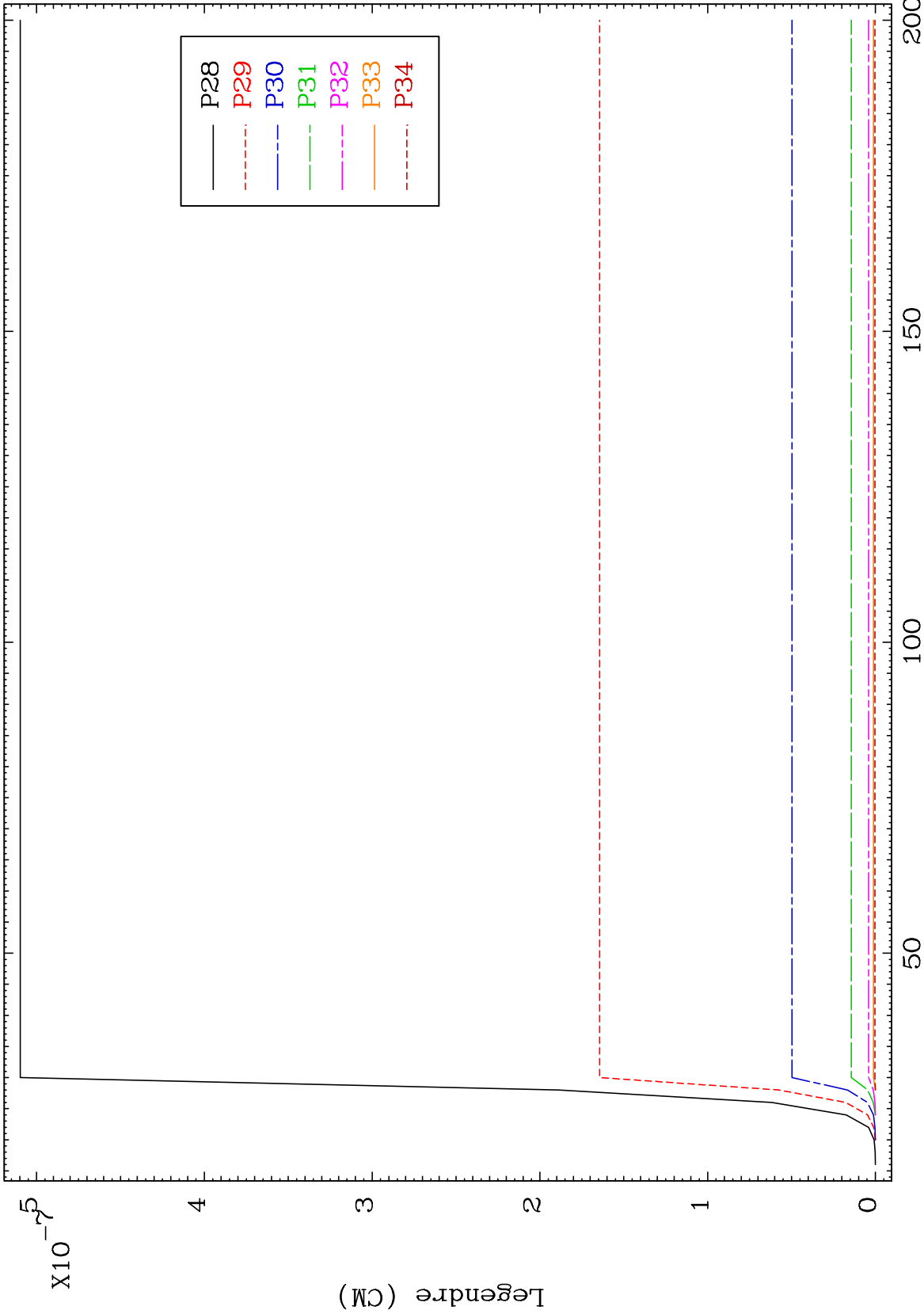
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



73

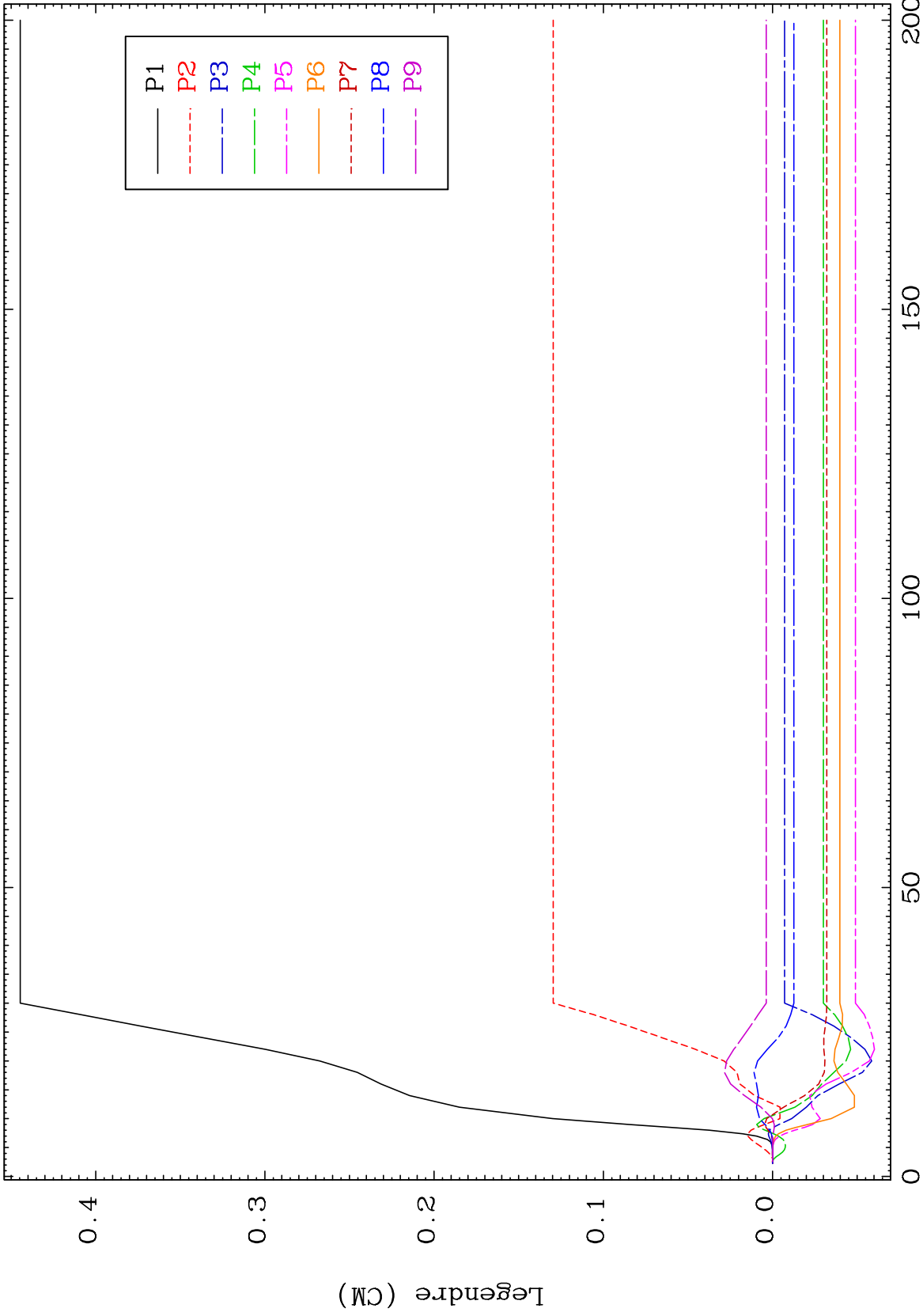
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



74

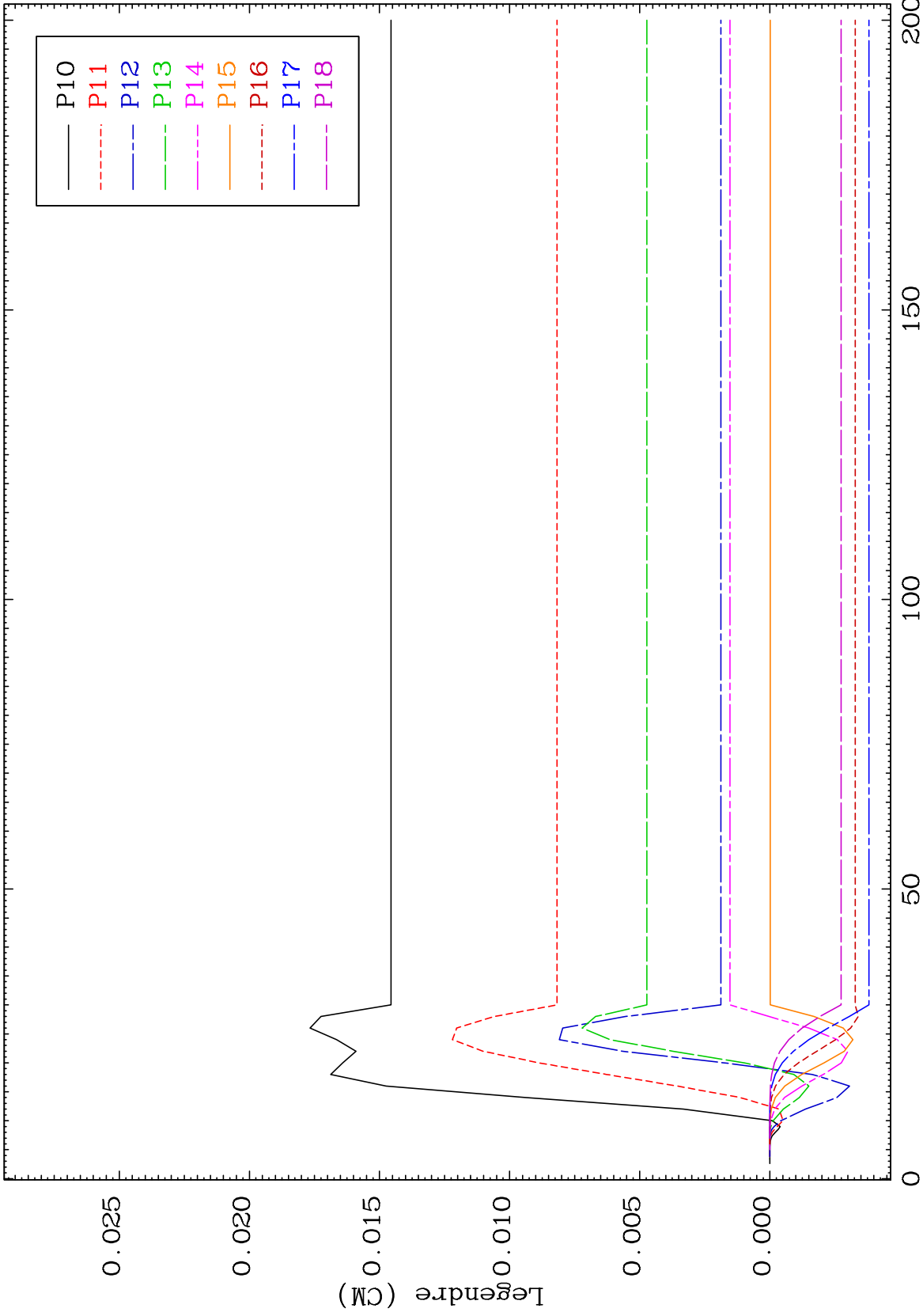
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

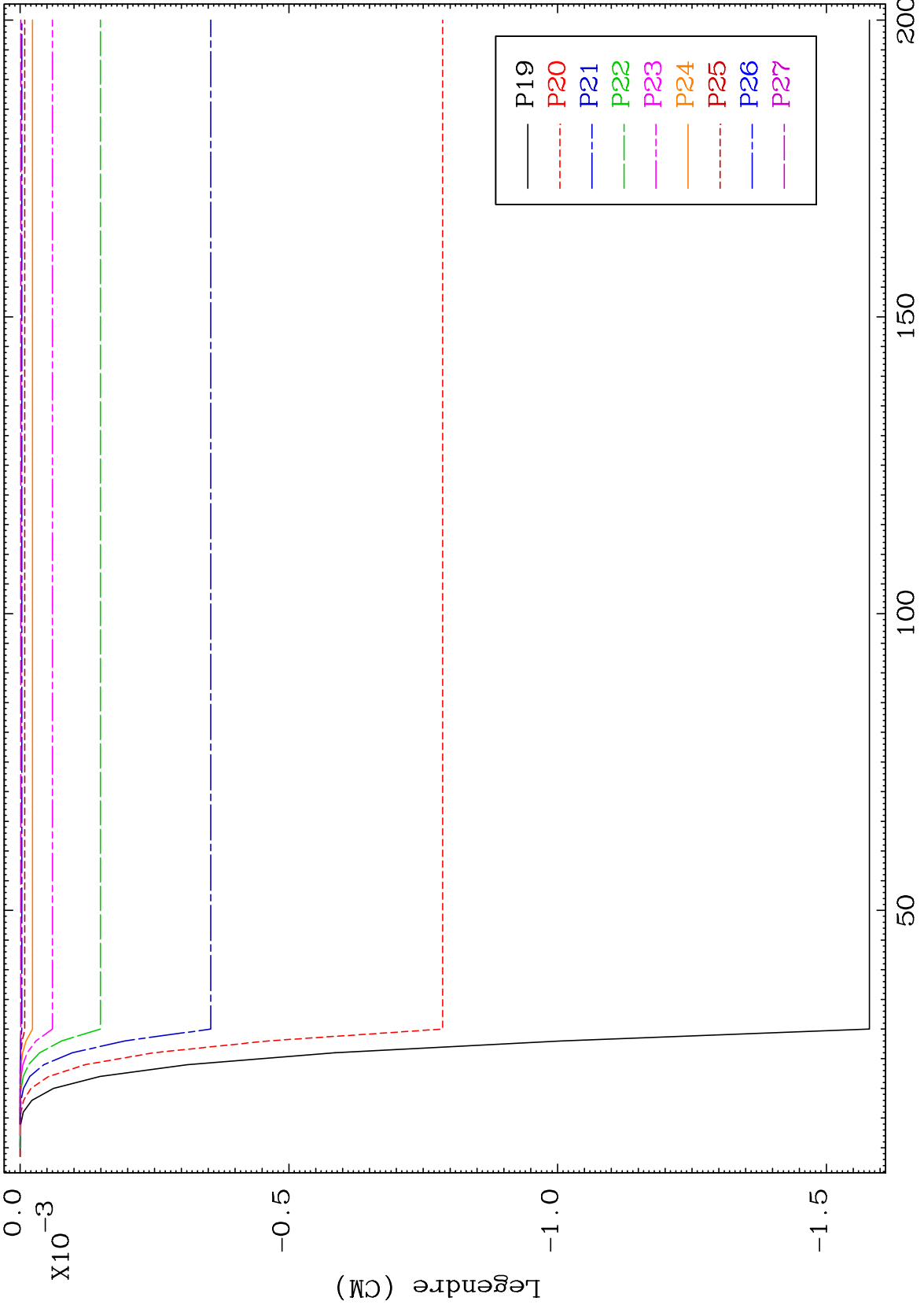


75

Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 66 (n,n') Level Legendre Coefficients 39-Y -91

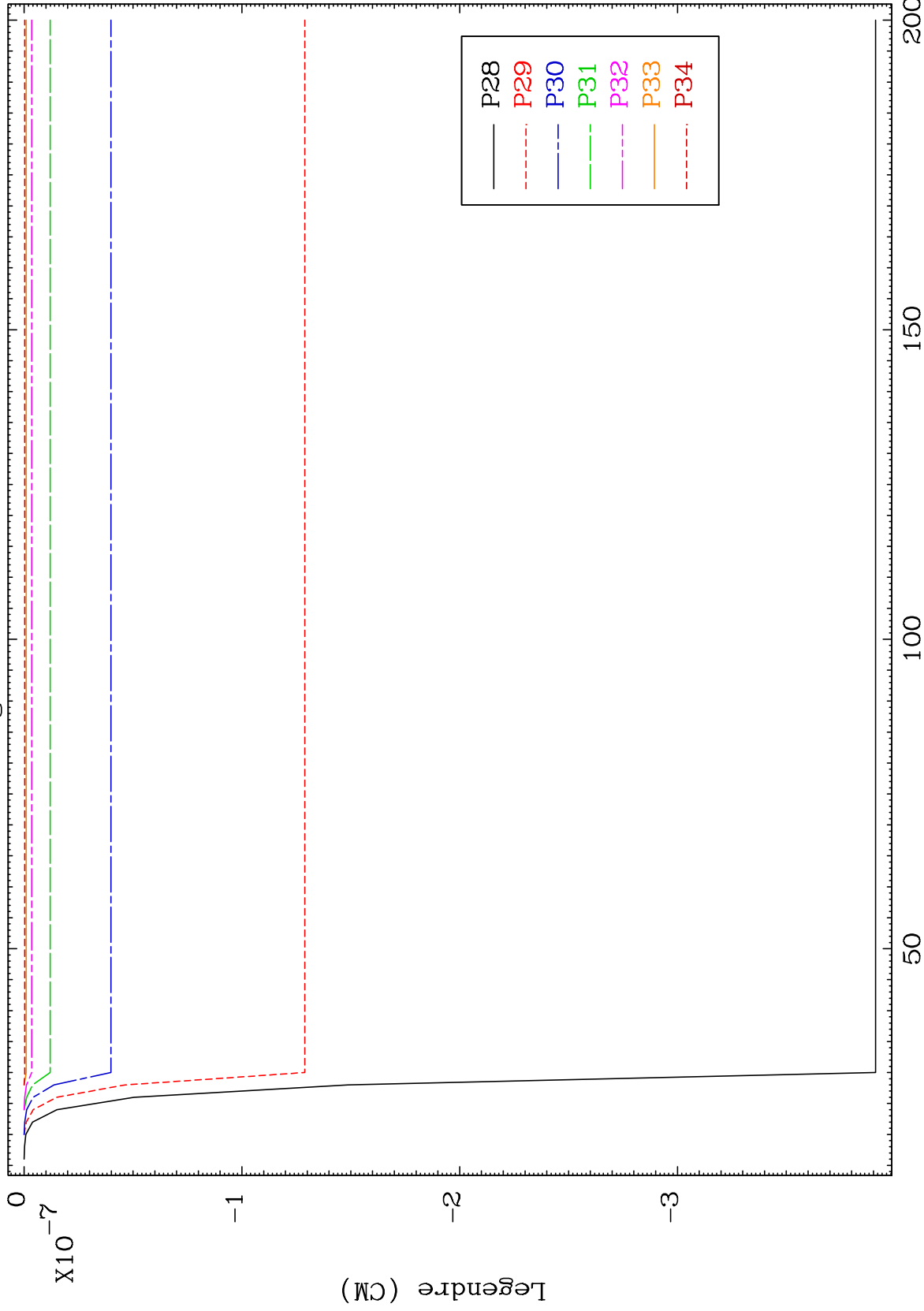


76 Incident Energy (MeV) 39-Y -91

MAT 3931 MT= 66 (n,n') Level

39-Y -91

Legendre Coefficients



39-Y -91

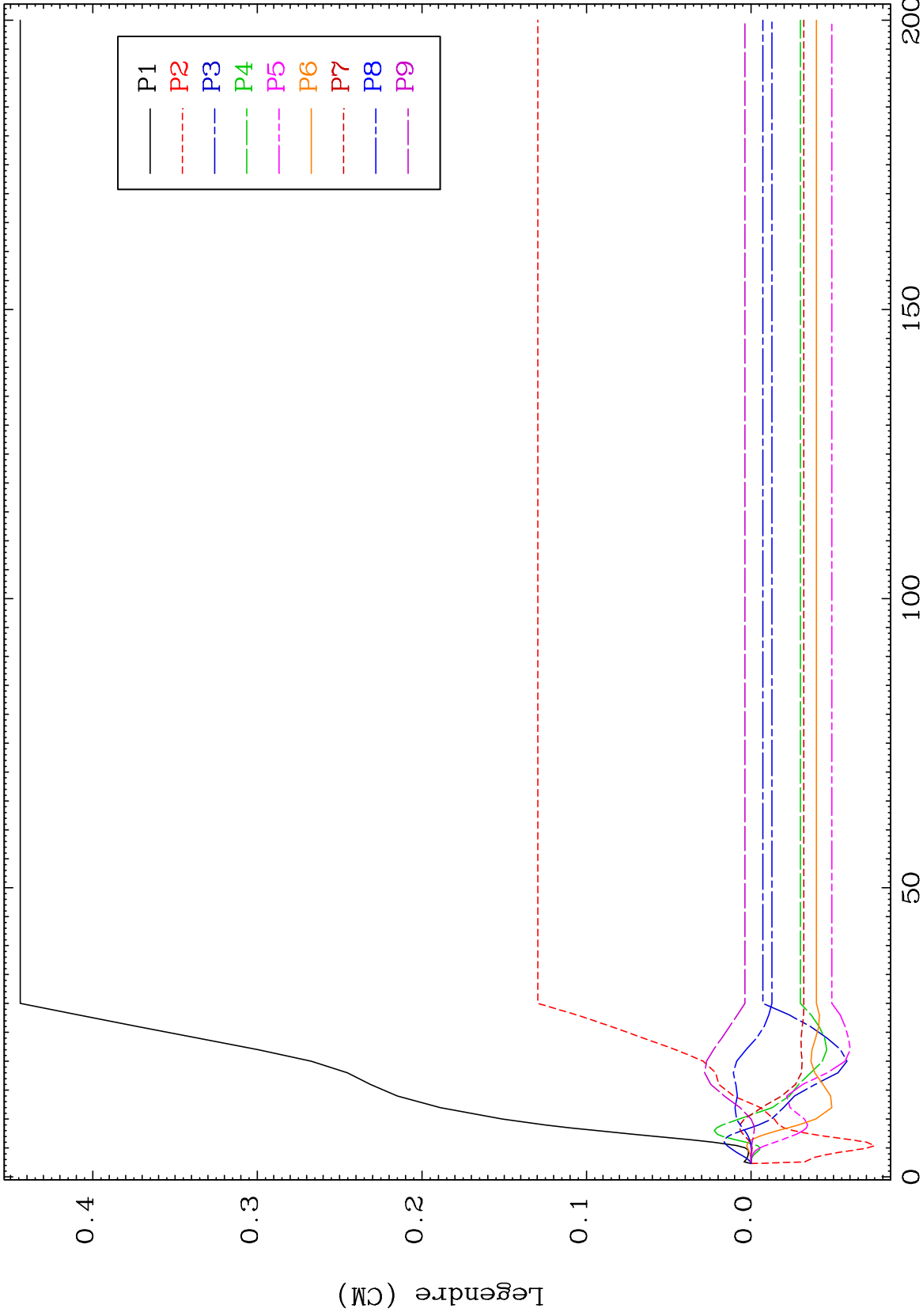
Incident Energy (MeV)

77

MAT 3931

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

39-Y -91



78

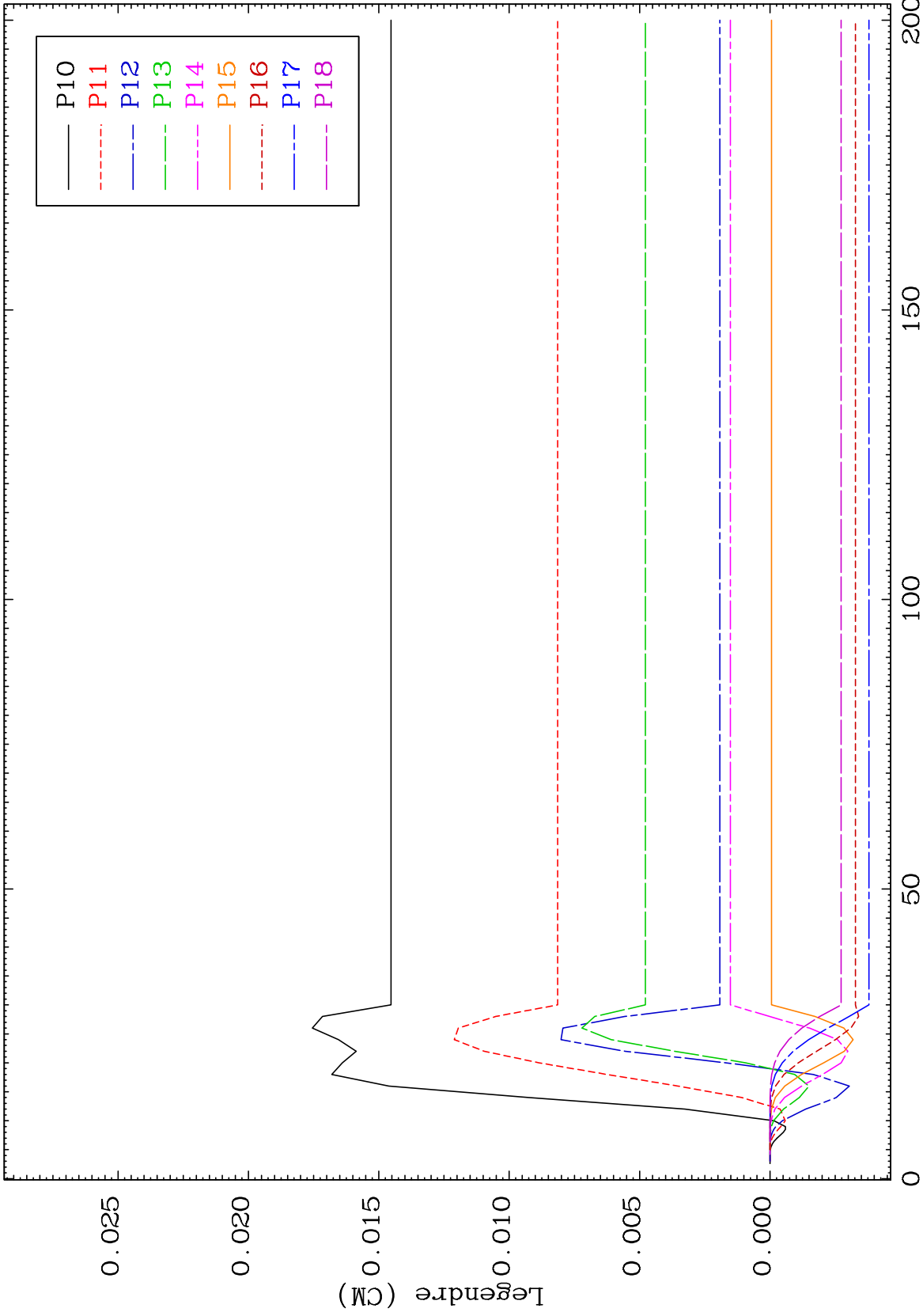
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

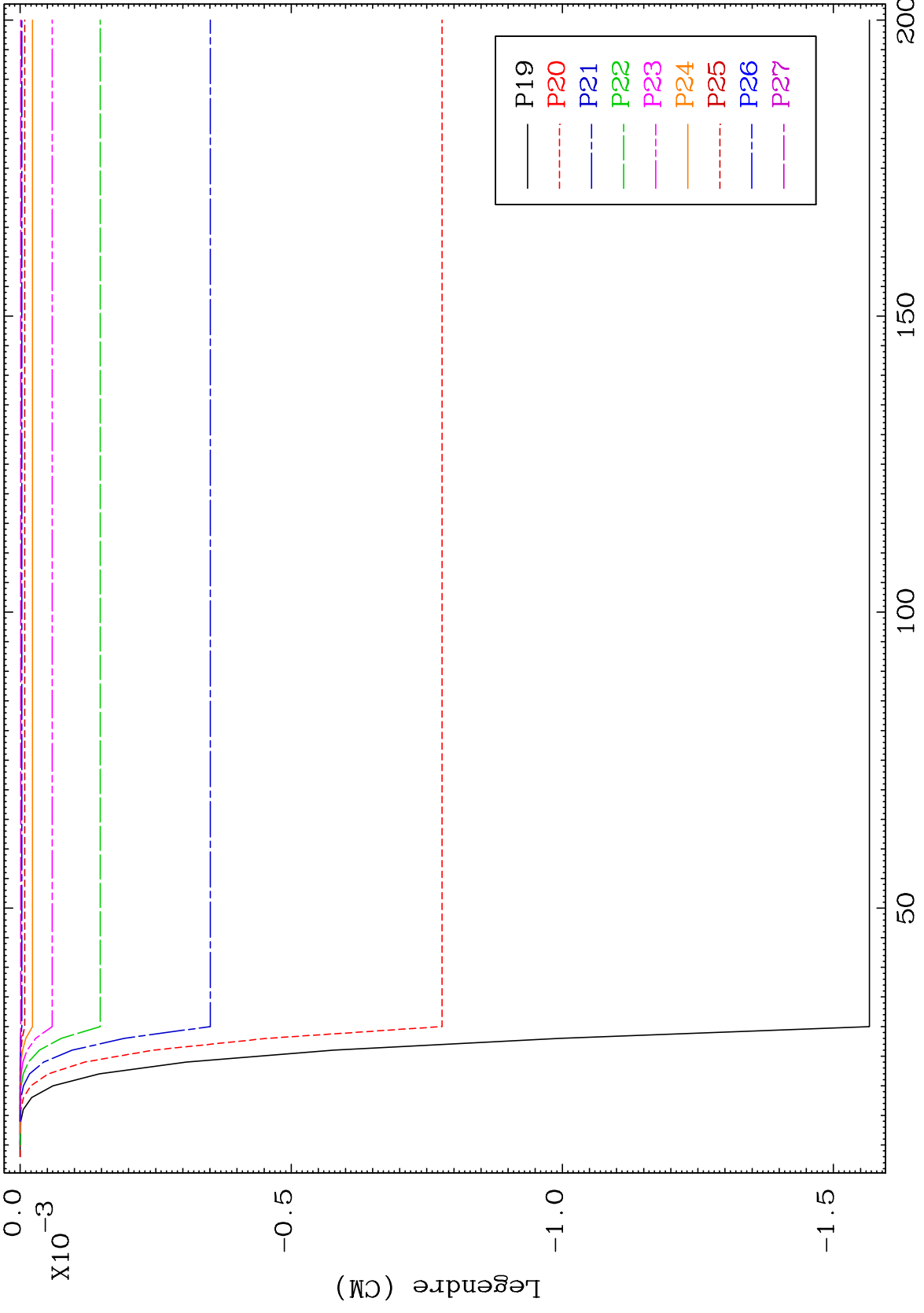


79

Incident Energy (MeV)

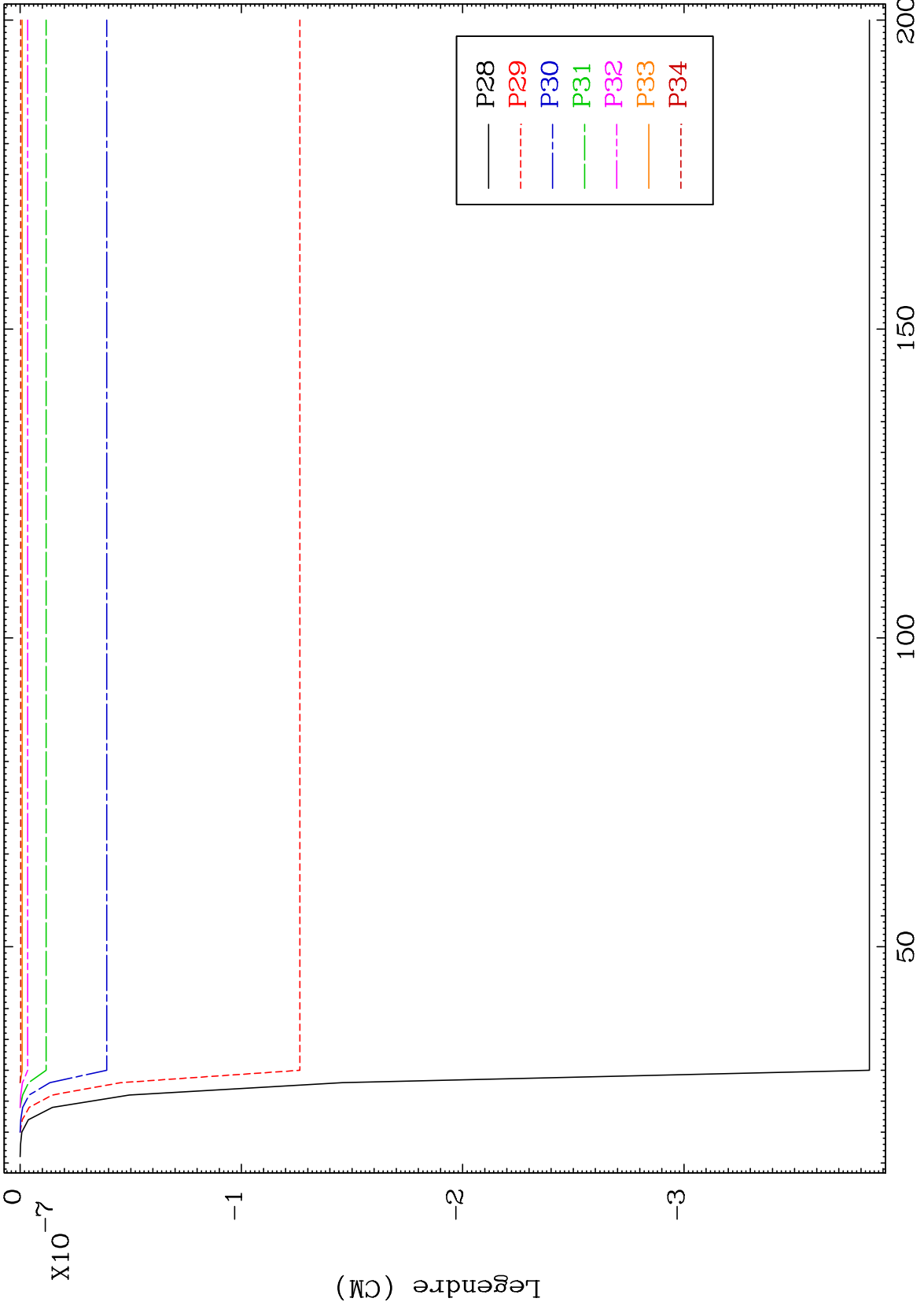
39-Y -91

MAT 3931 MT= 67 (n,n') Level Legendre Coefficients 39-Y -91



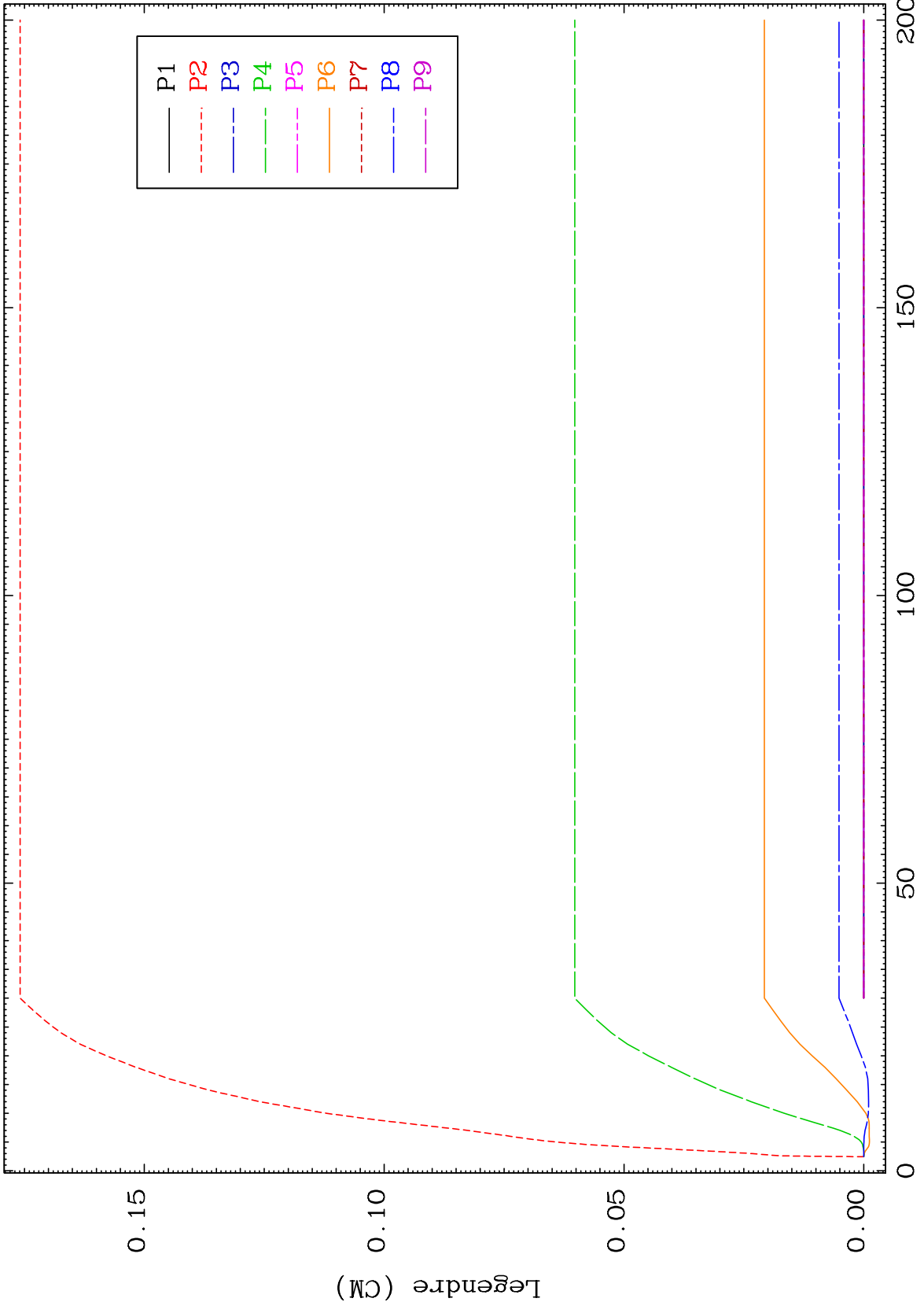
80 50 100 150 200 39-Y -91

MAT 3931 MT= 67 (n,n') Level Legendre Coefficients 39-Y -91

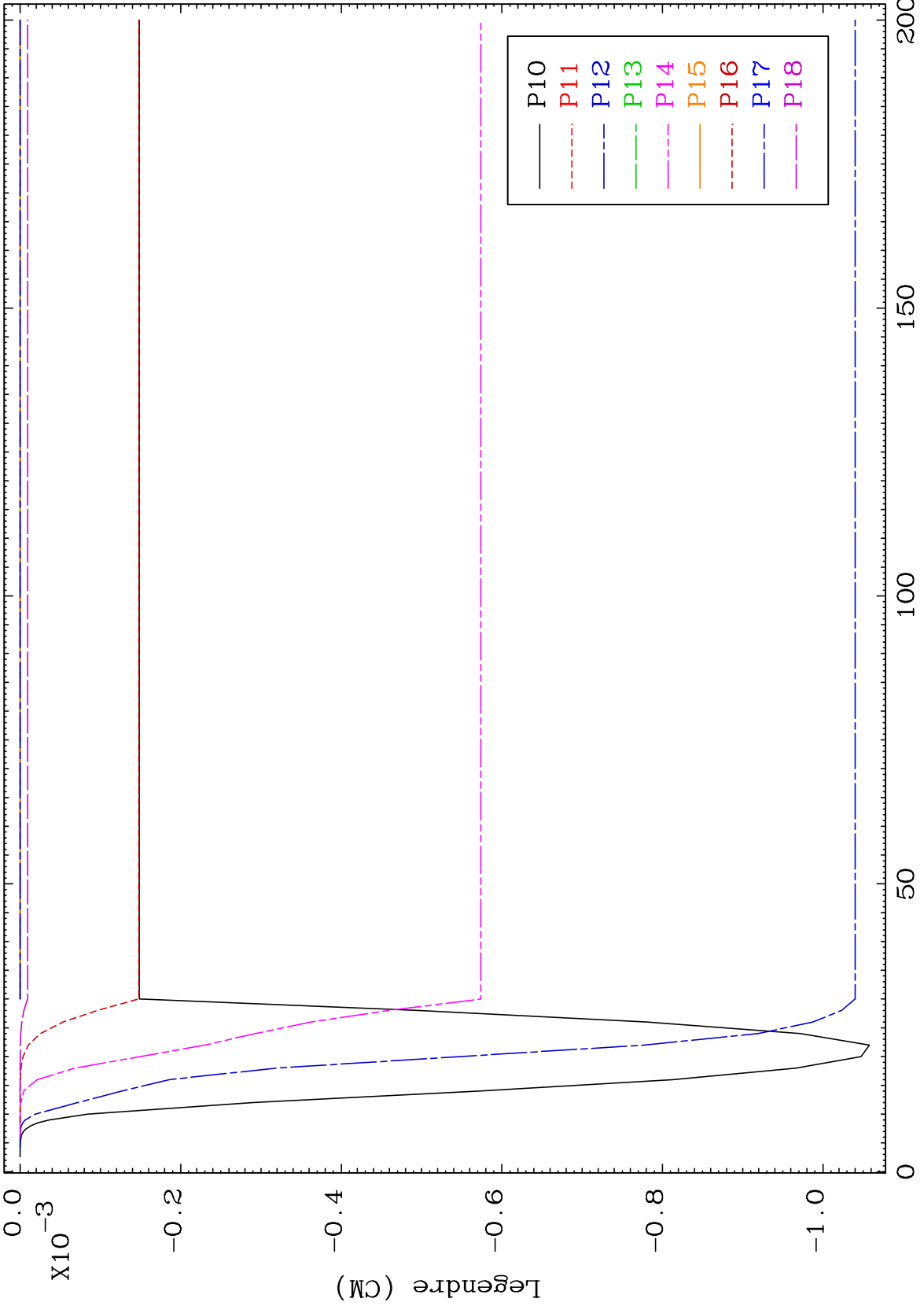


81 39-Y -91

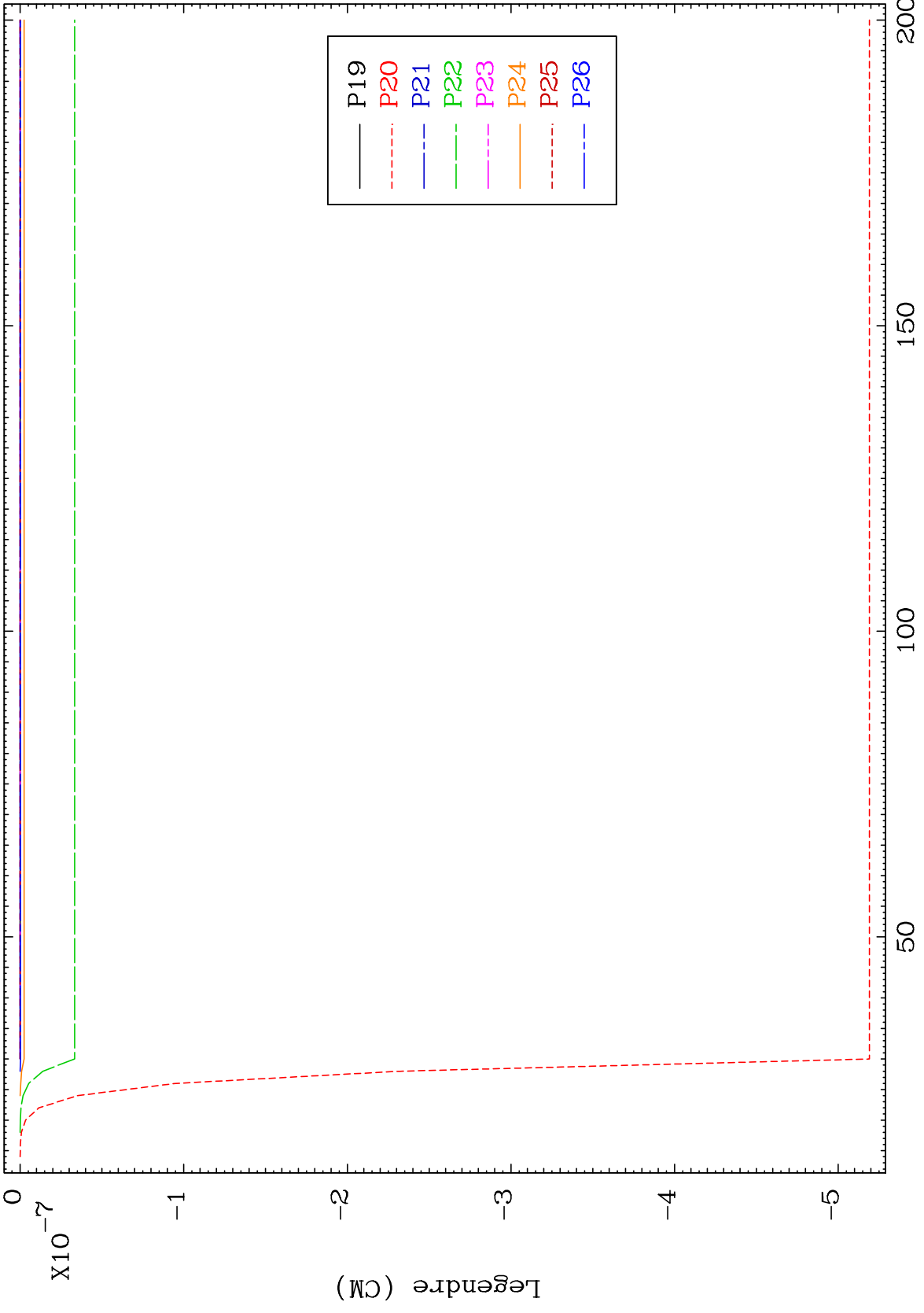
MAT 3931 MT= 68 (n,n') Level Legendre Coefficients 39-Y -91



82 Incident Energy (MeV) 39-Y -91



MAT 3931 MT= 68 (n,n') Level Legendre Coefficients 39-Y -91

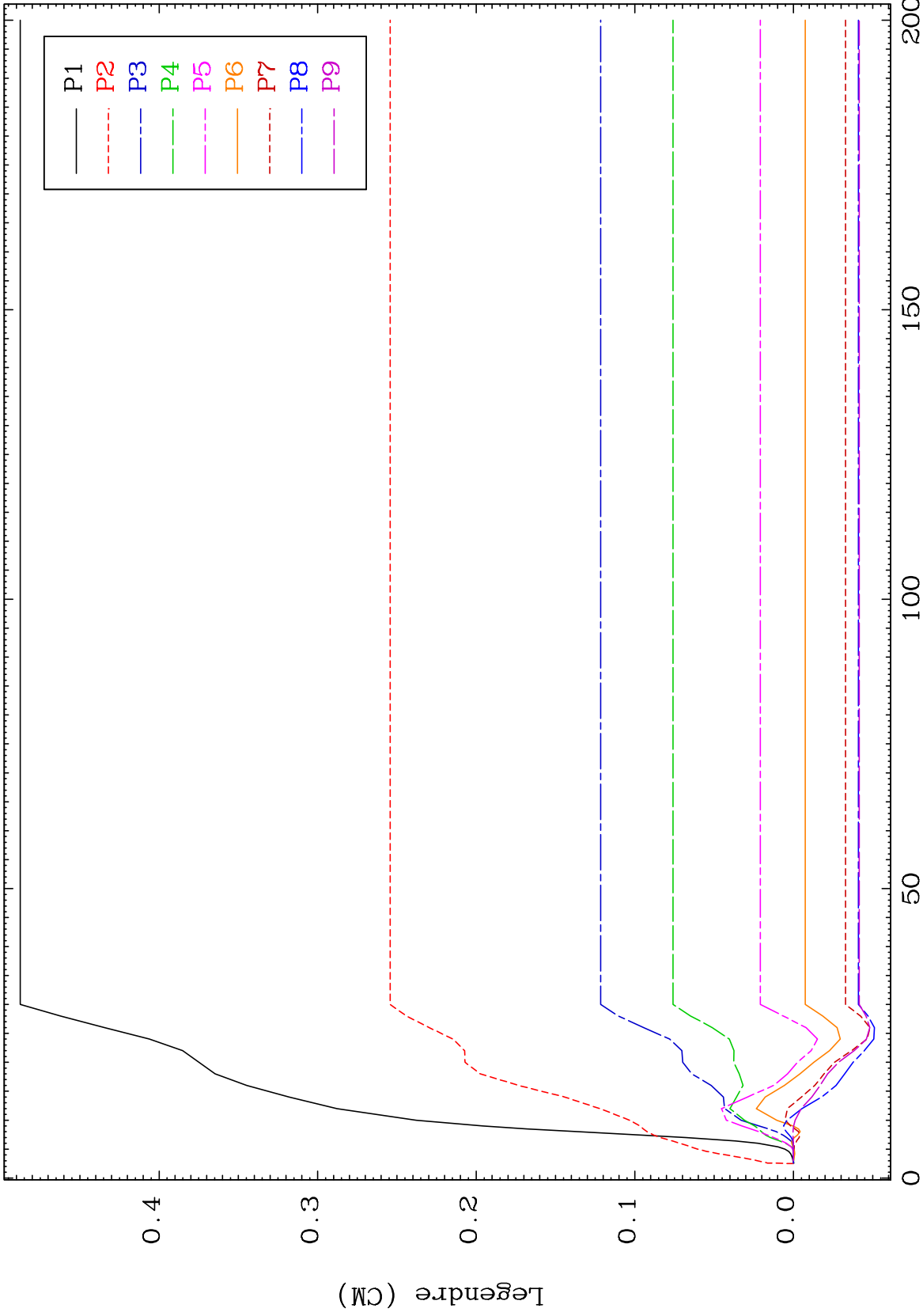


84 39-Y -91

MAT 3931

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

39-Y -91



85

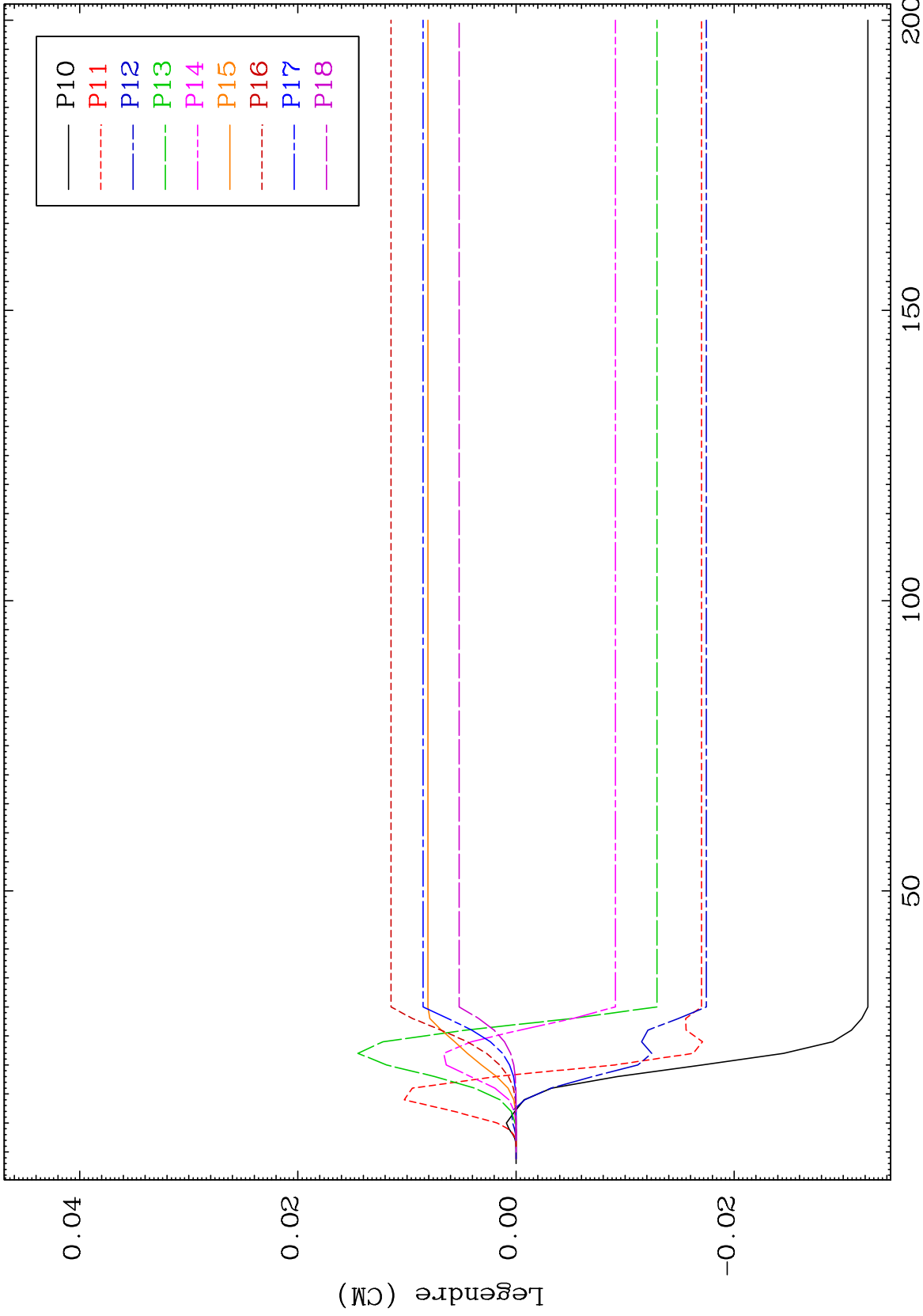
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



86

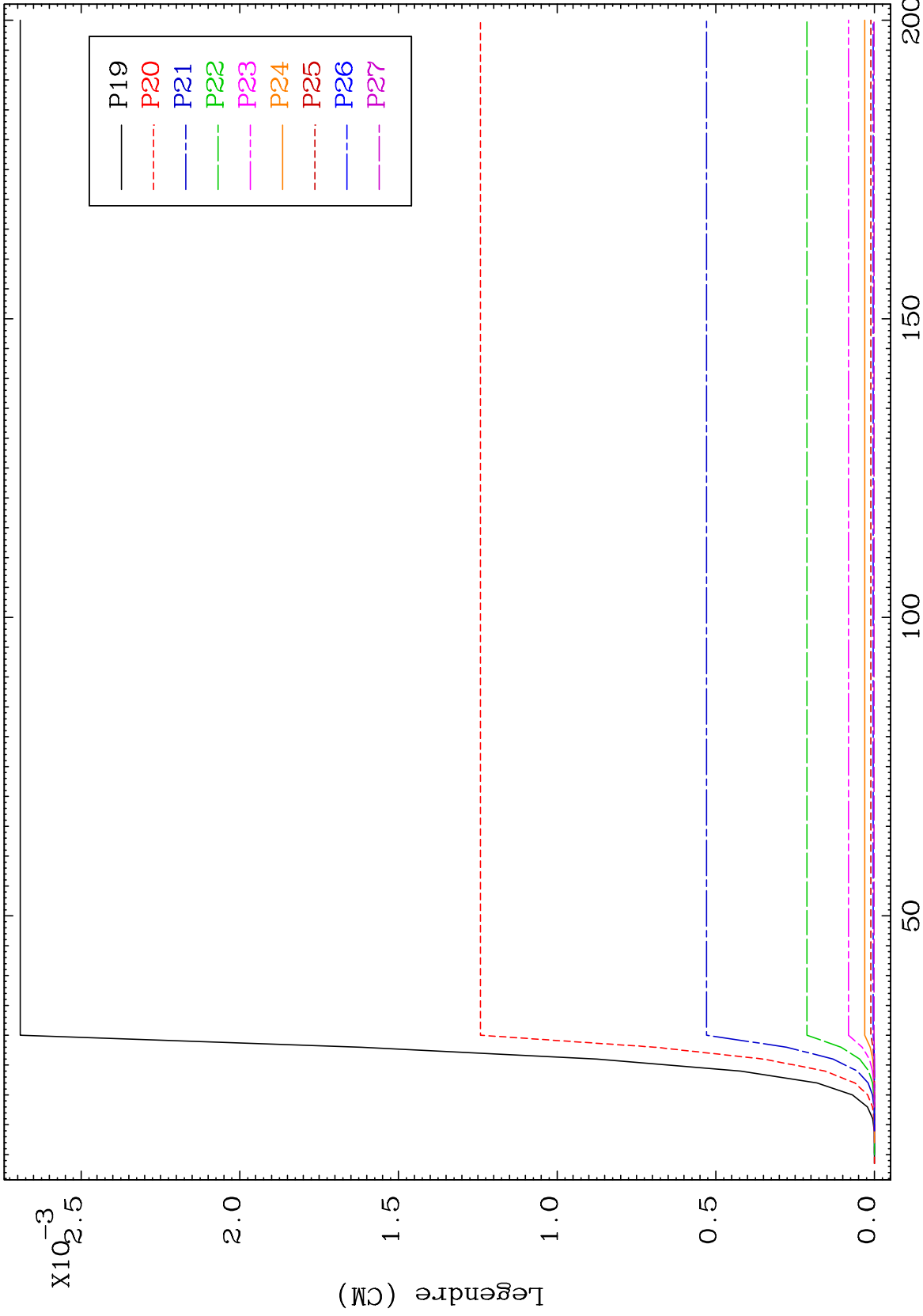
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



87

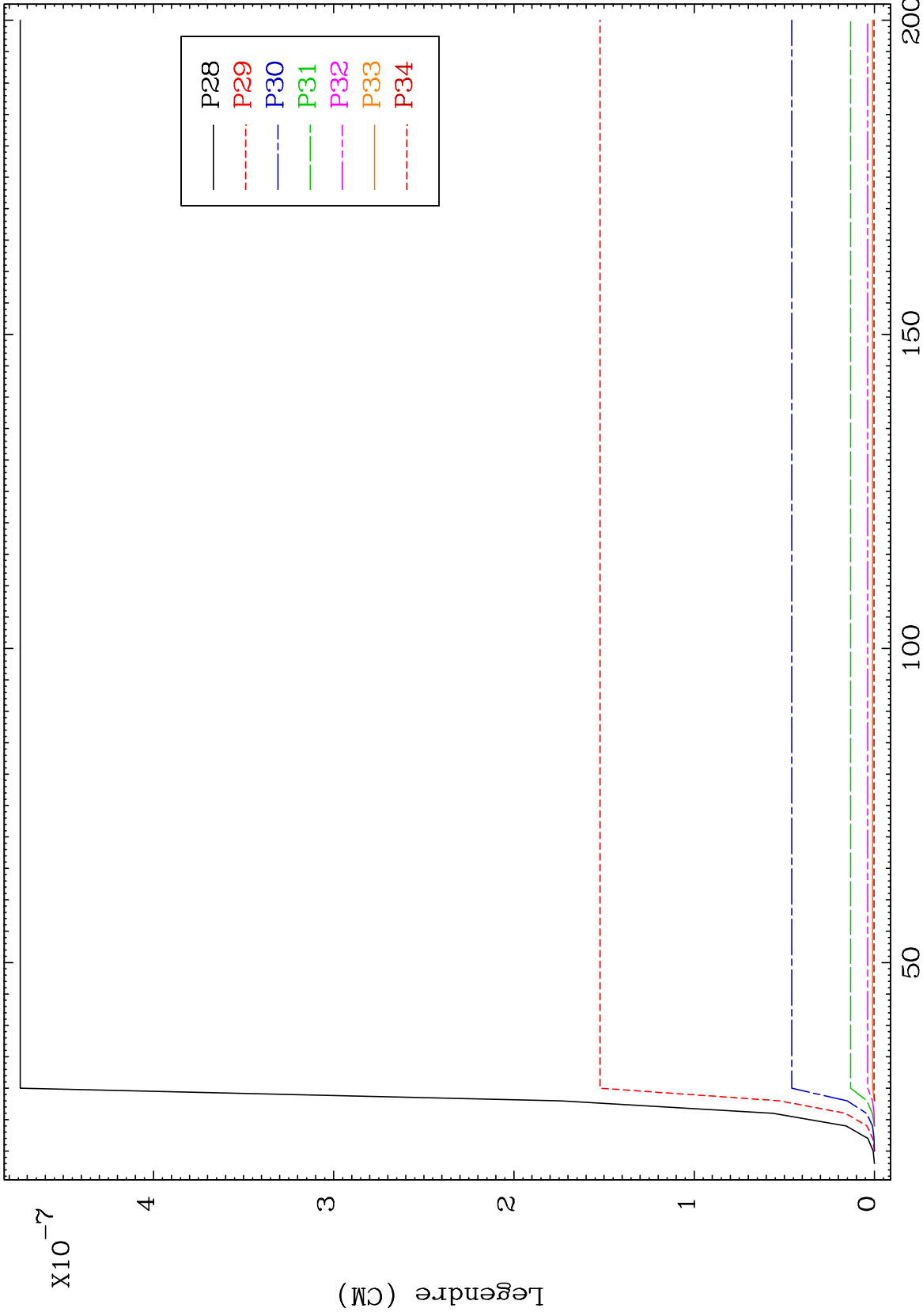
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



88

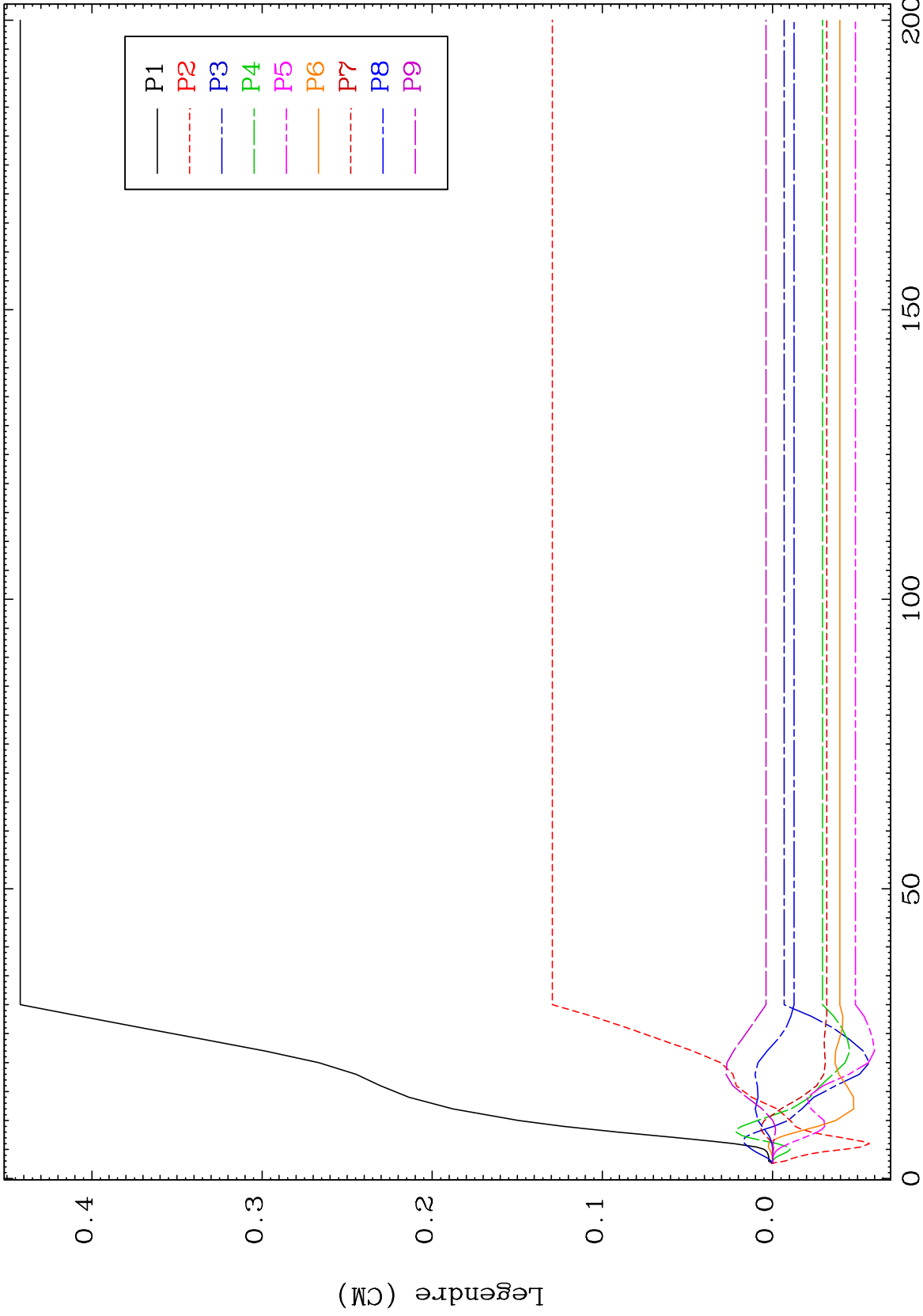
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



89

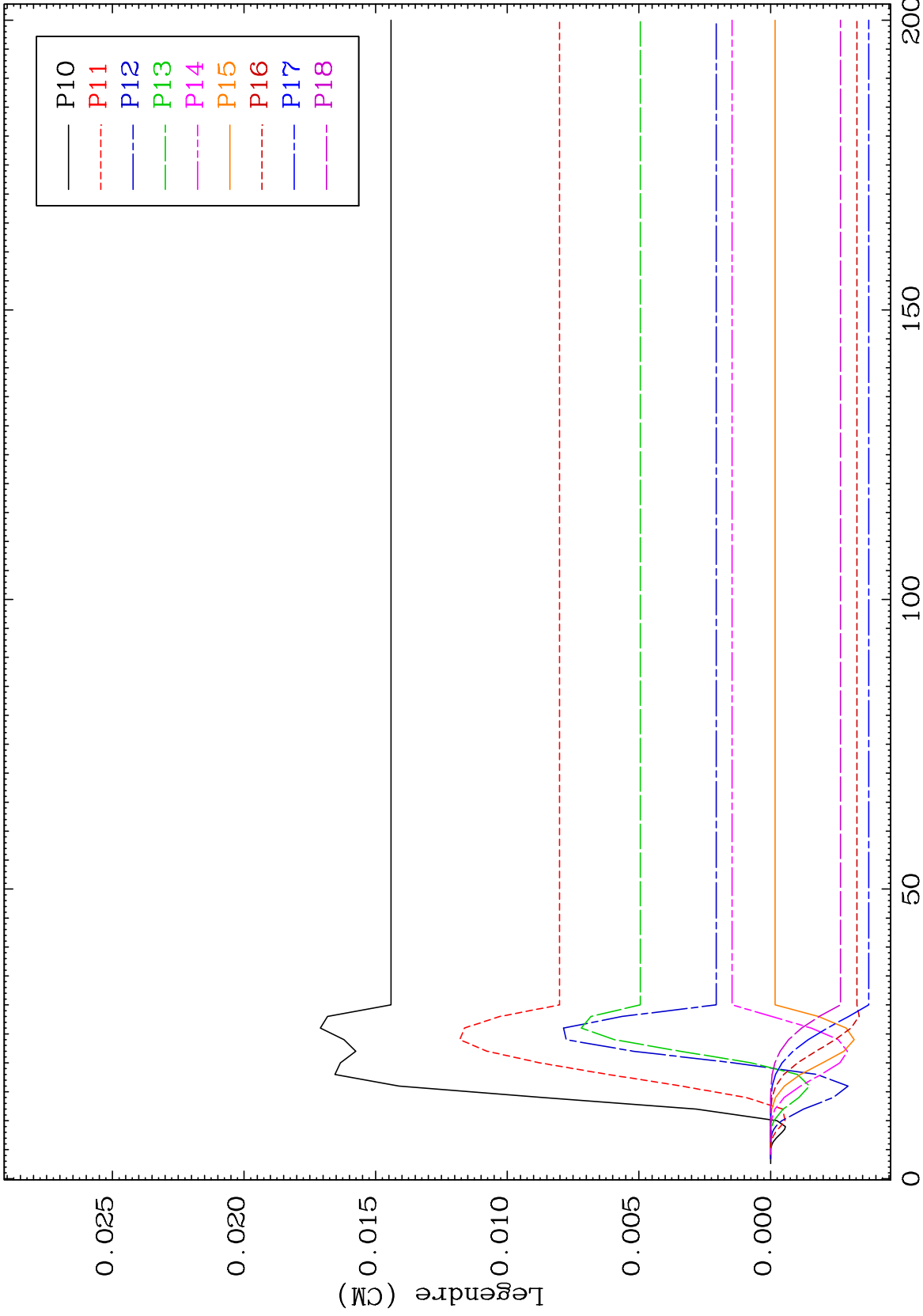
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

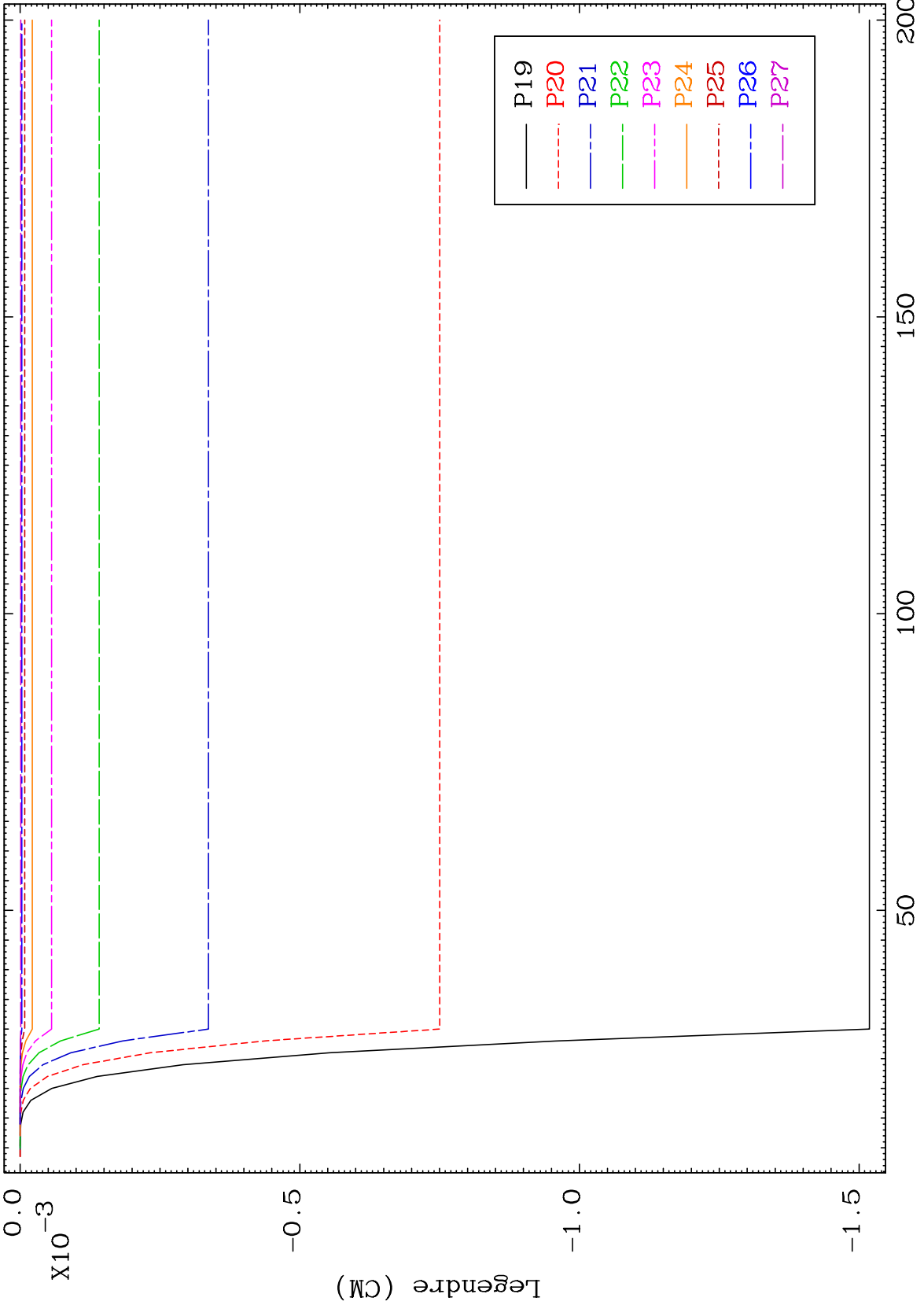


90

Incident Energy (MeV)

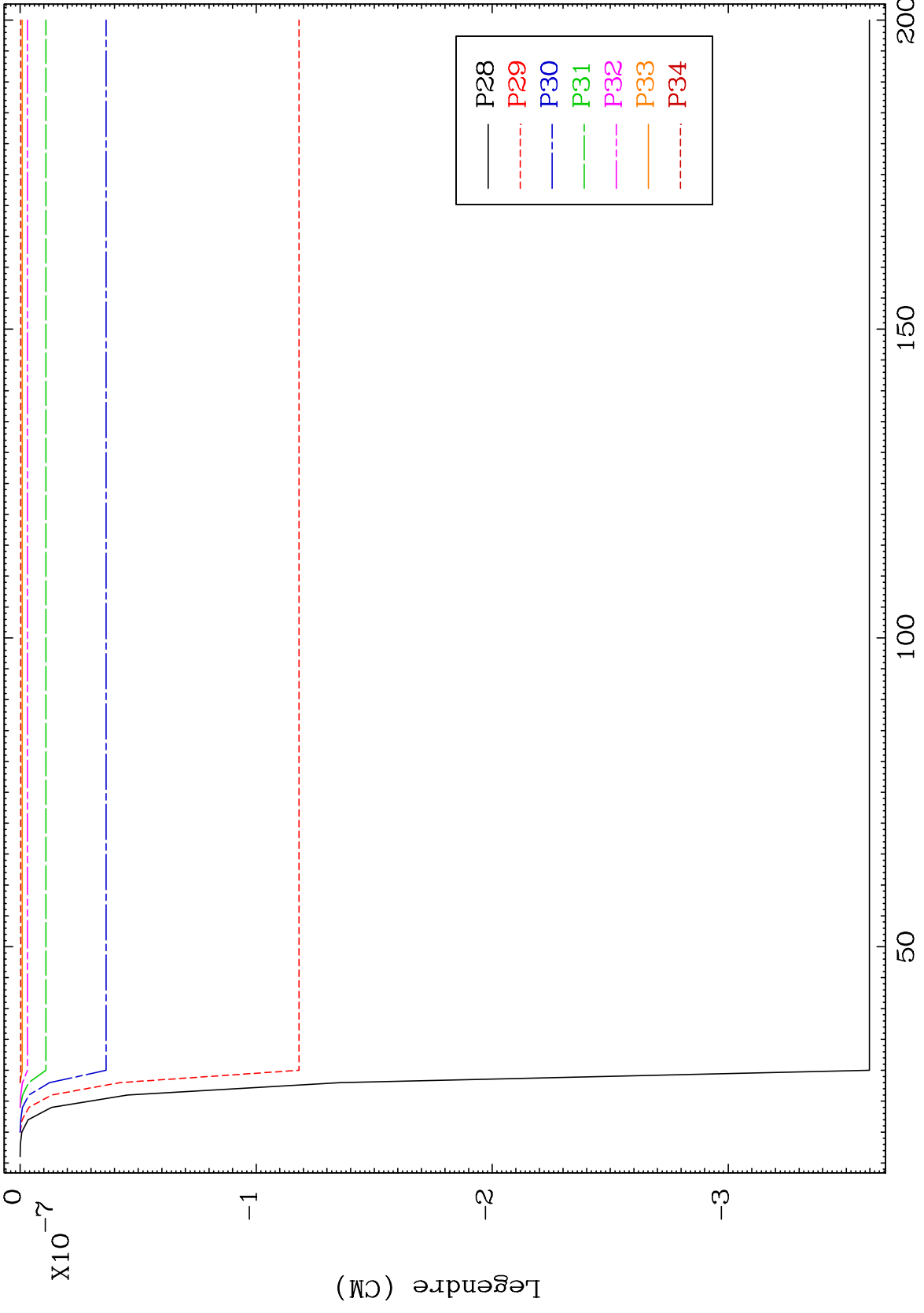
39-Y -91

MAT 3931 MT= 70 (n,n') Level Legendre Coefficients 39-Y -91



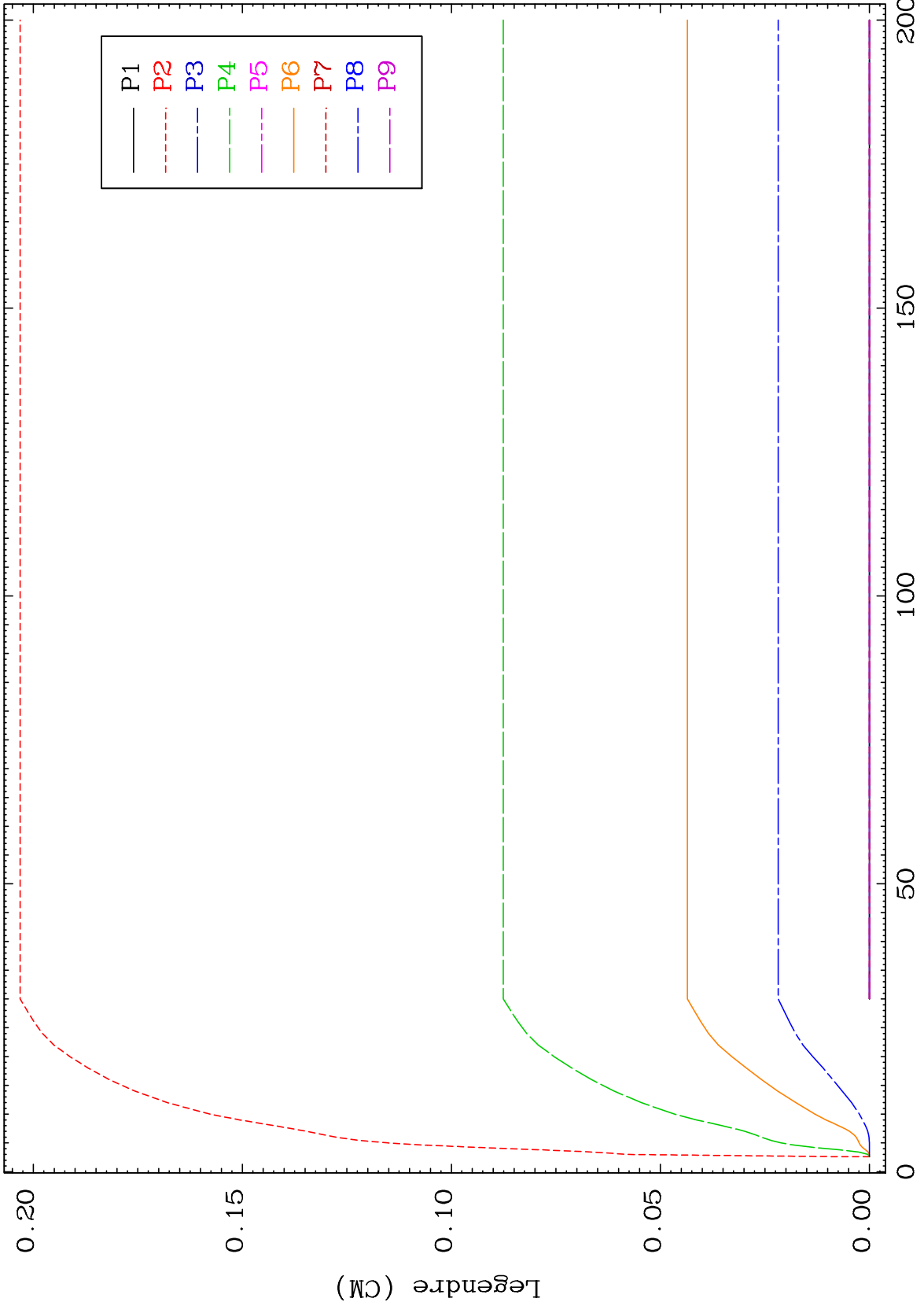
91 Incident Energy (MeV) 39-Y -91

MAT 3931 MT= 70 (n,n') Level Legendre Coefficients 39-Y -91



92 39-Y -91

MAT 3931 MT= 71 (n,n') Level Legendre Coefficients 39-Y -91

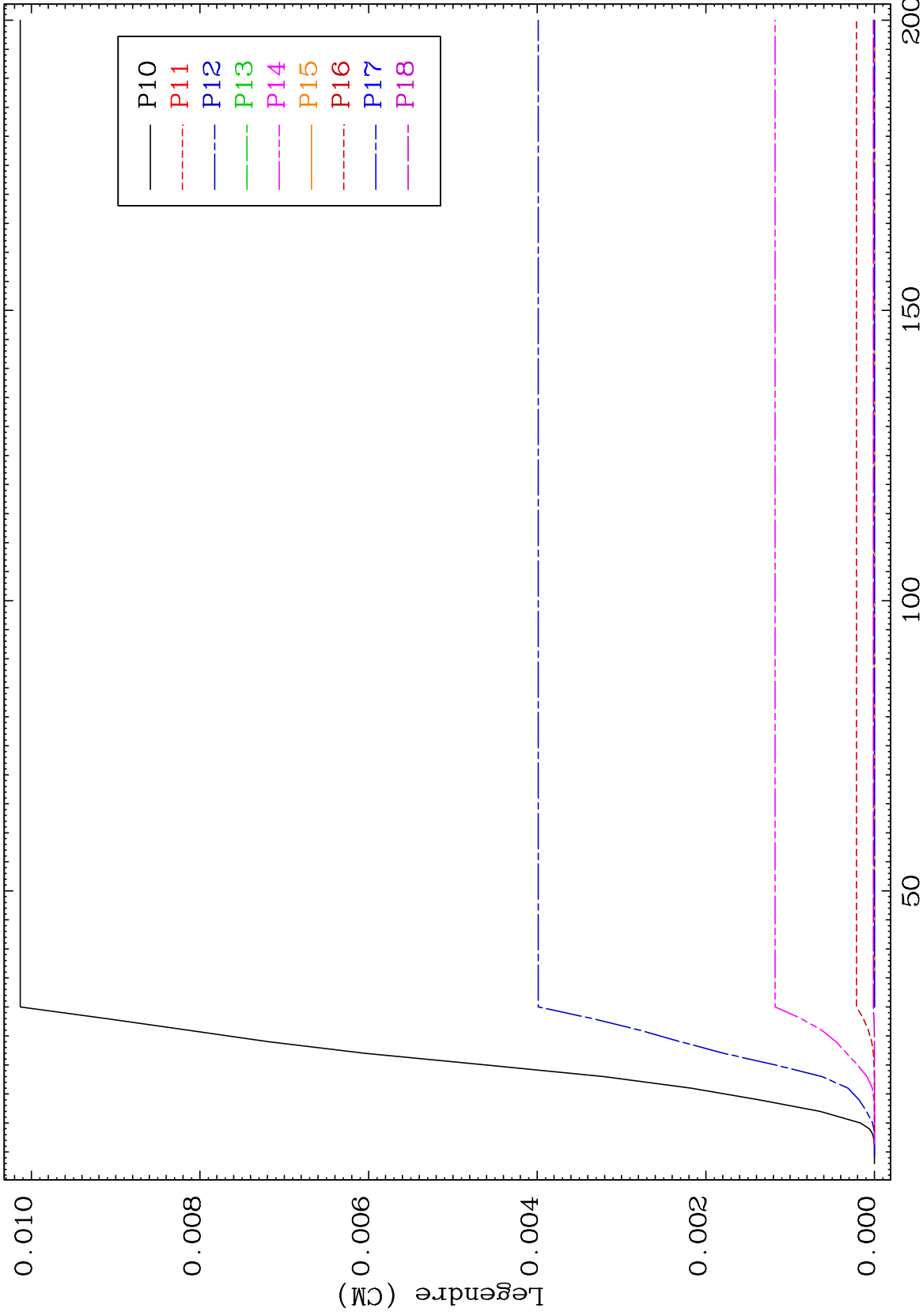


93 39-Y -91

MAT 3931

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

39-Y -91

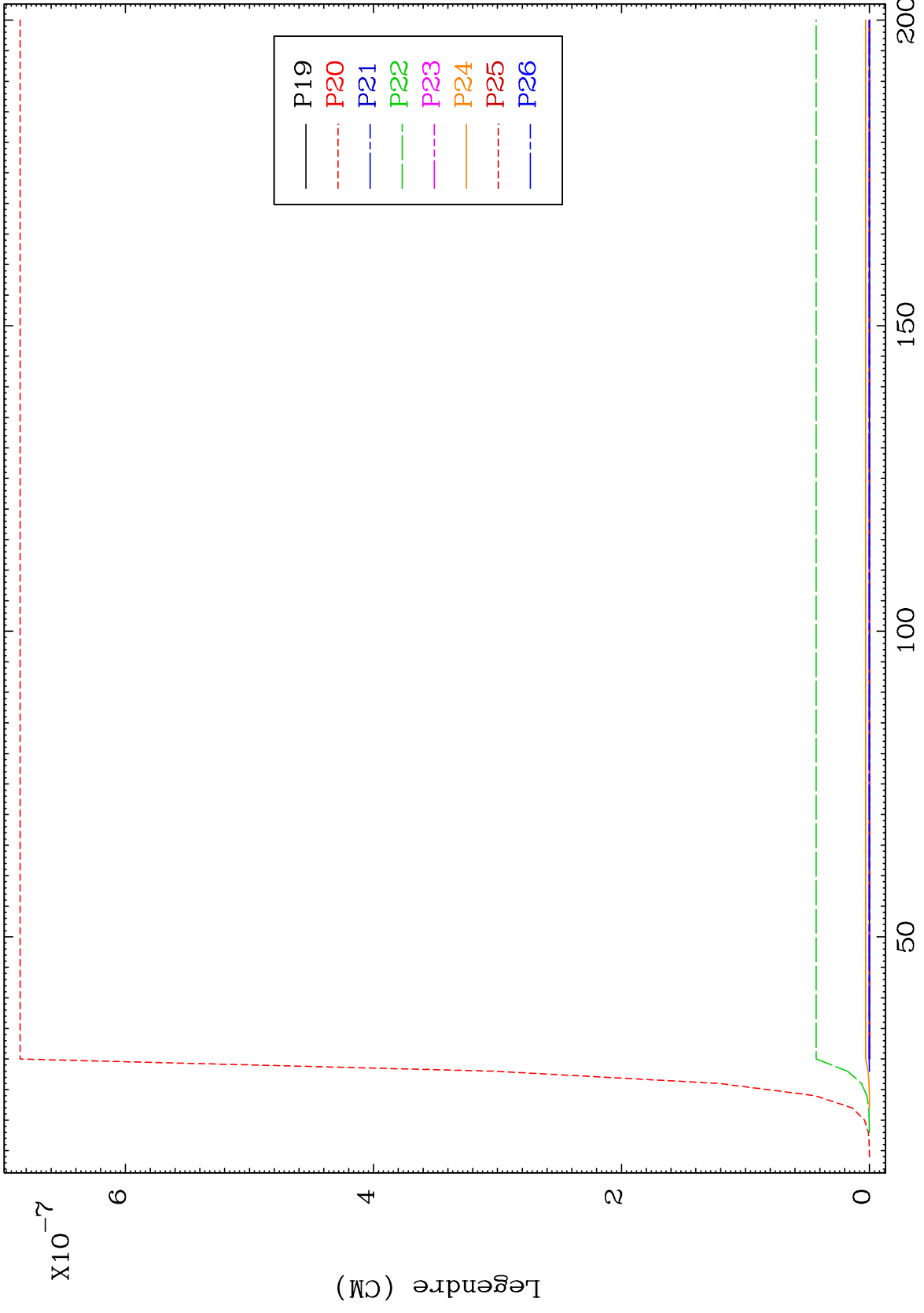


94

Incident Energy (MeV)

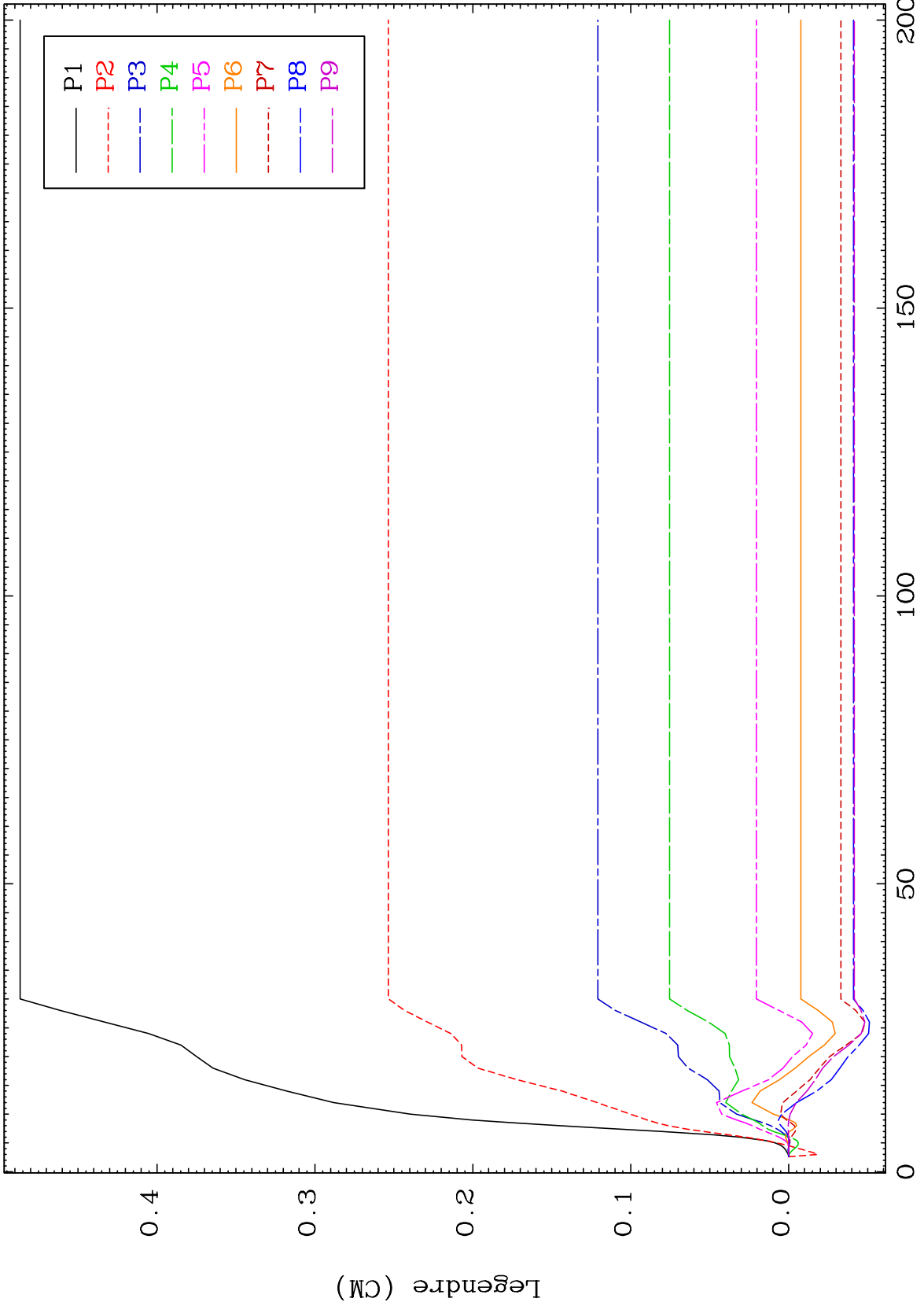
39-Y -91

MAT 3931 MT= 71 (n,n') Level Legendre Coefficients 39-Y -91



95 50 100 150 200 39-Y -91

MAT 3931 MT= 72 (n,n') Level Legendre Coefficients 39-Y -91

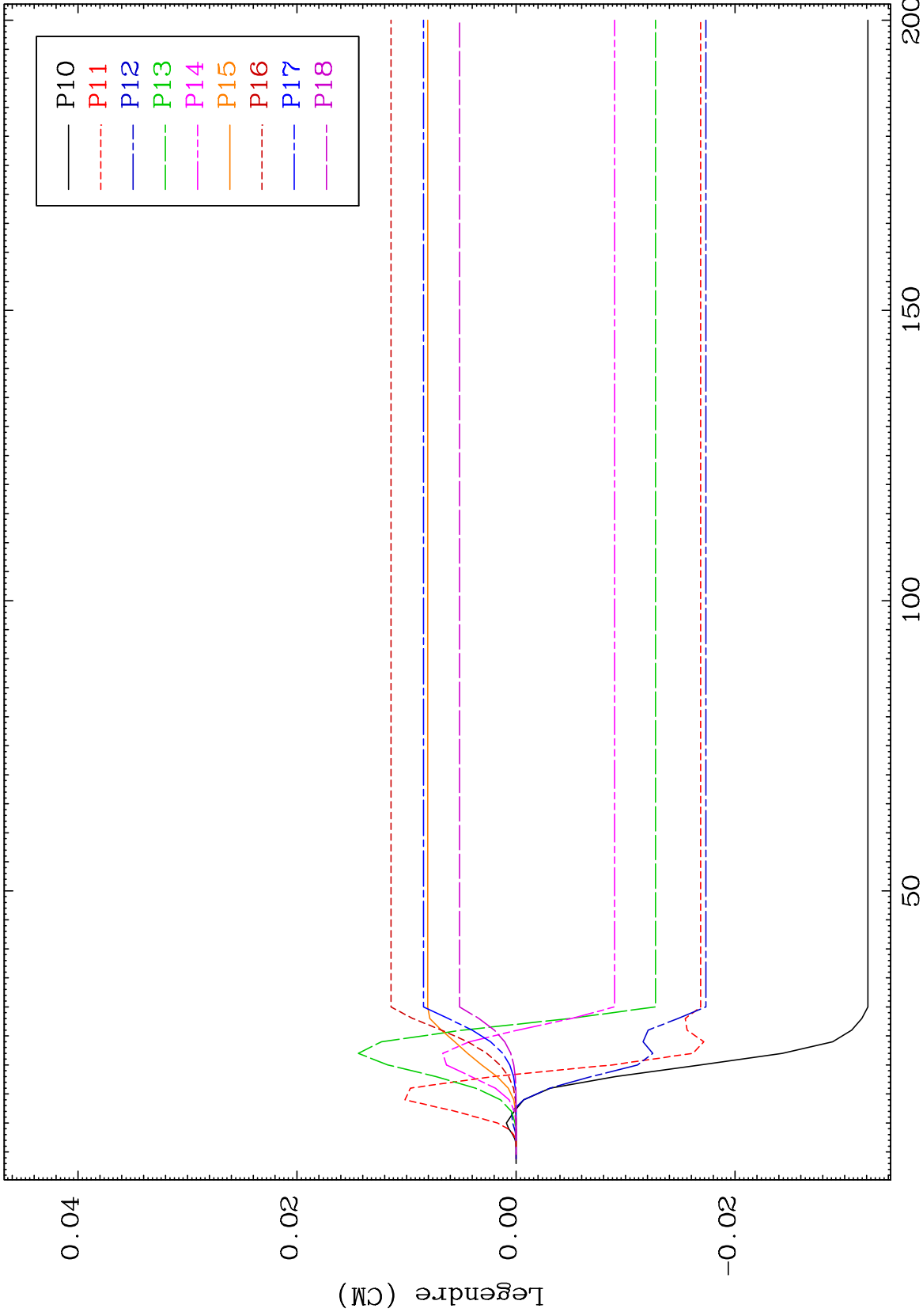


96 39-Y -91

MAT 3931

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

39-Y -91



97

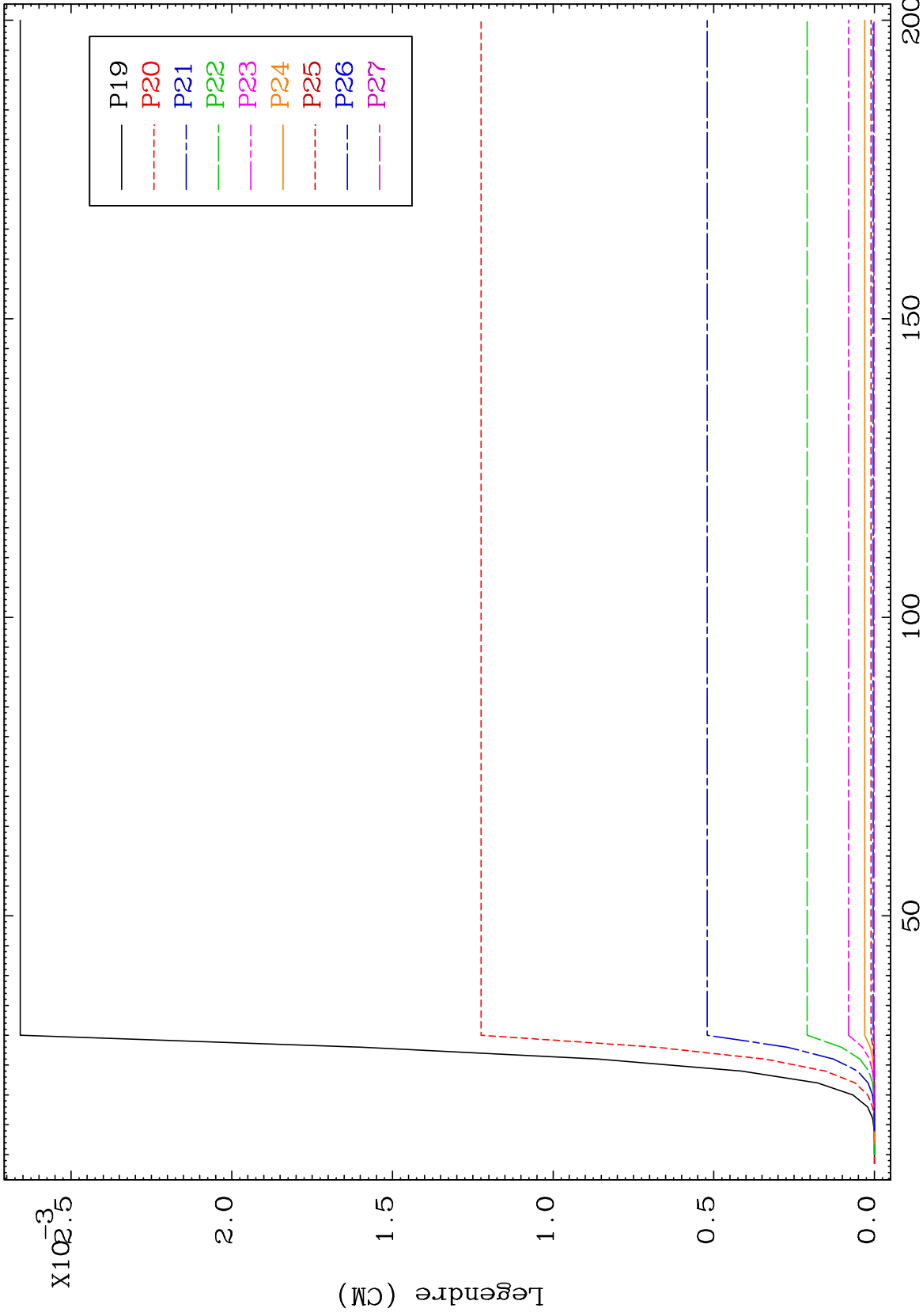
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



98

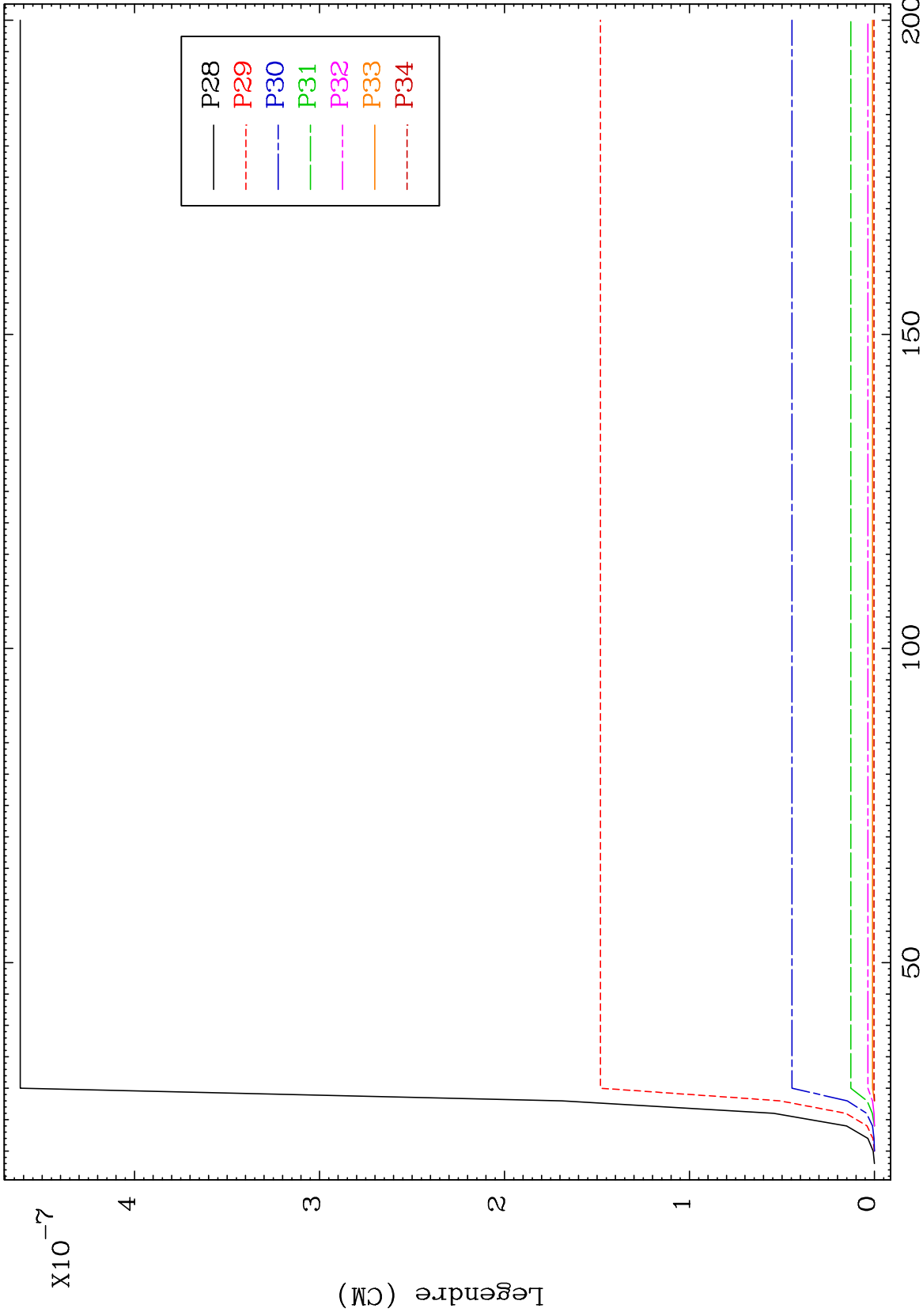
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



99

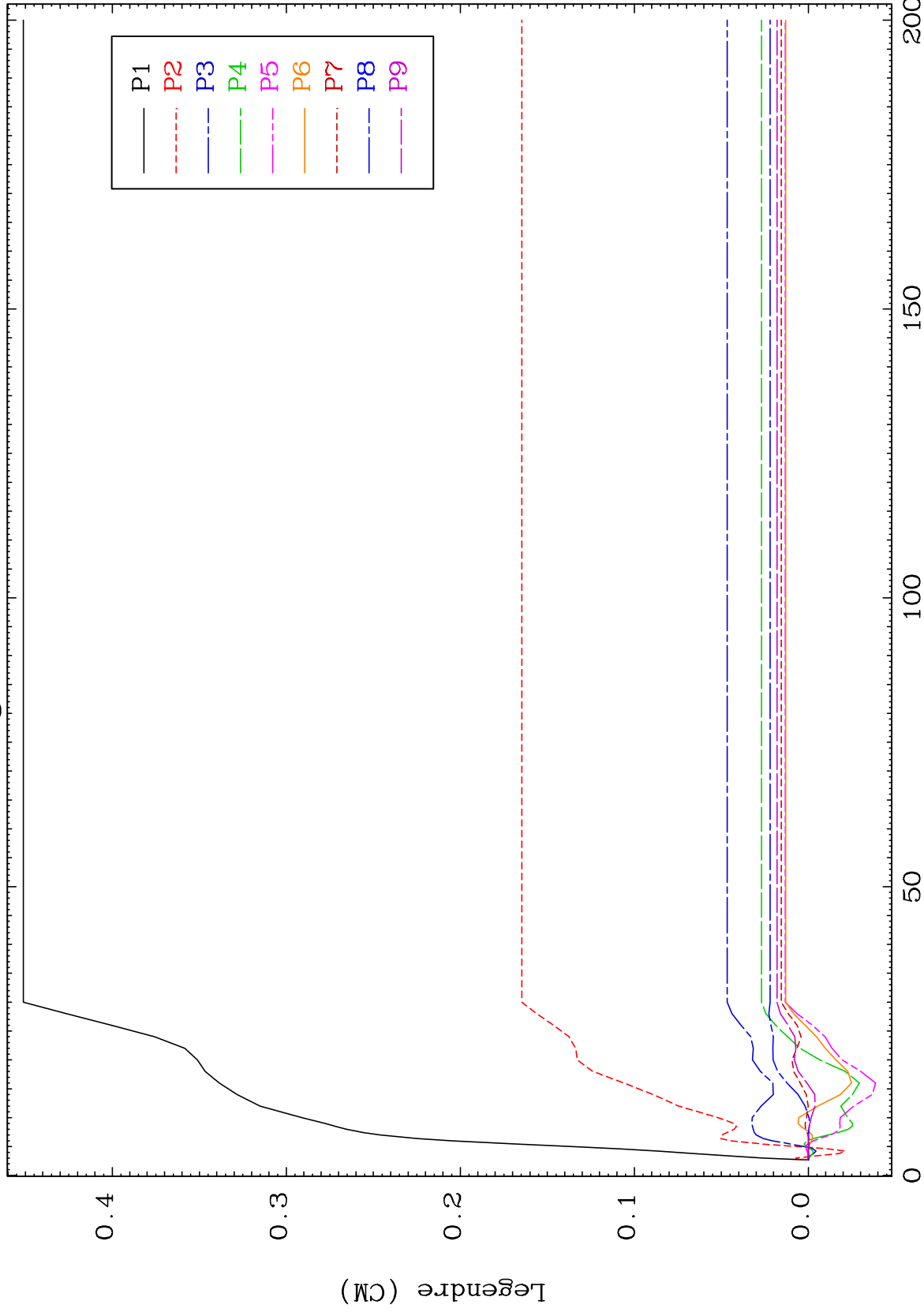
Incident Energy (MeV)

39-Y -91

MAT 3931

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

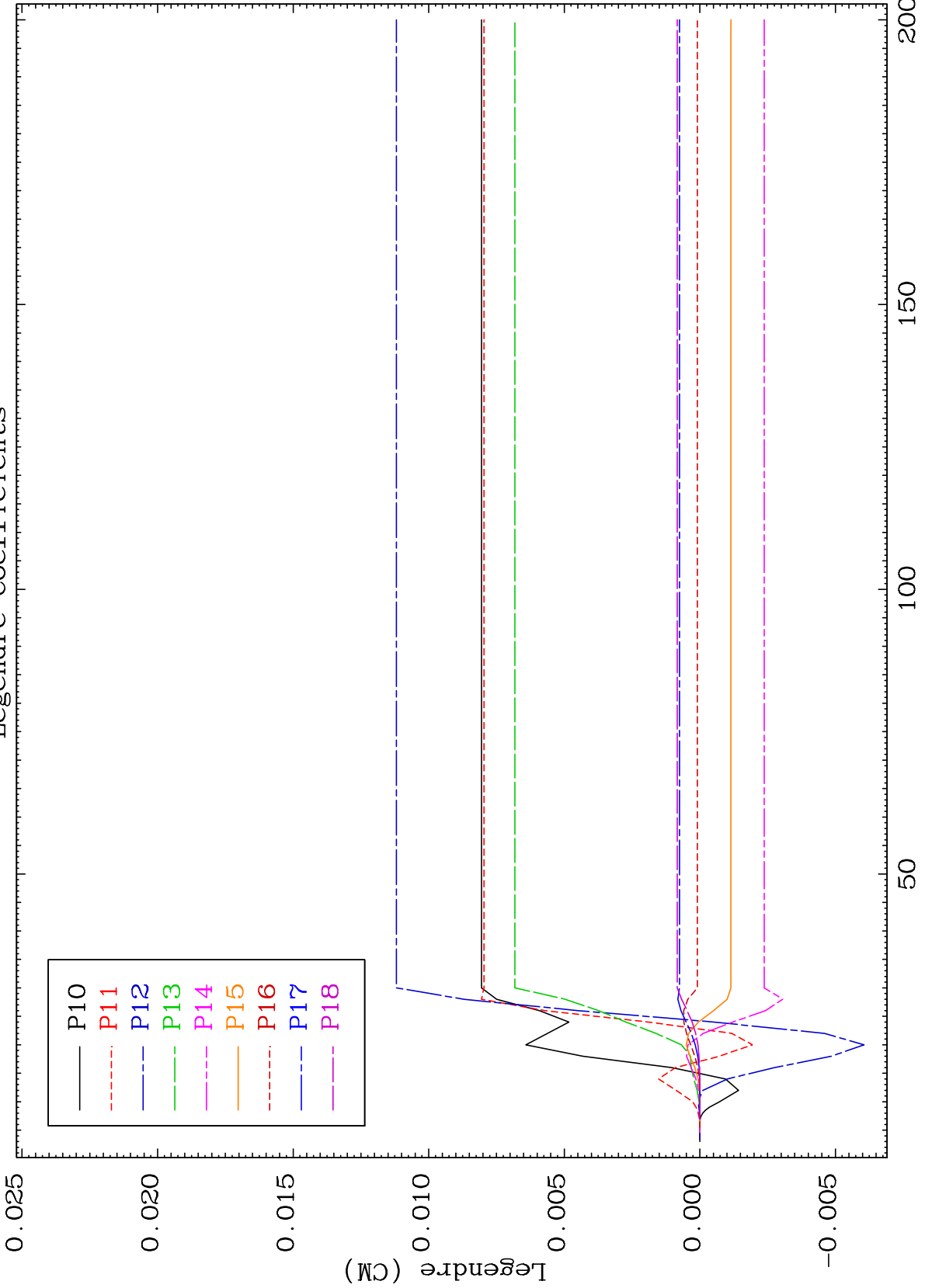
39-Y -91



39-Y -91

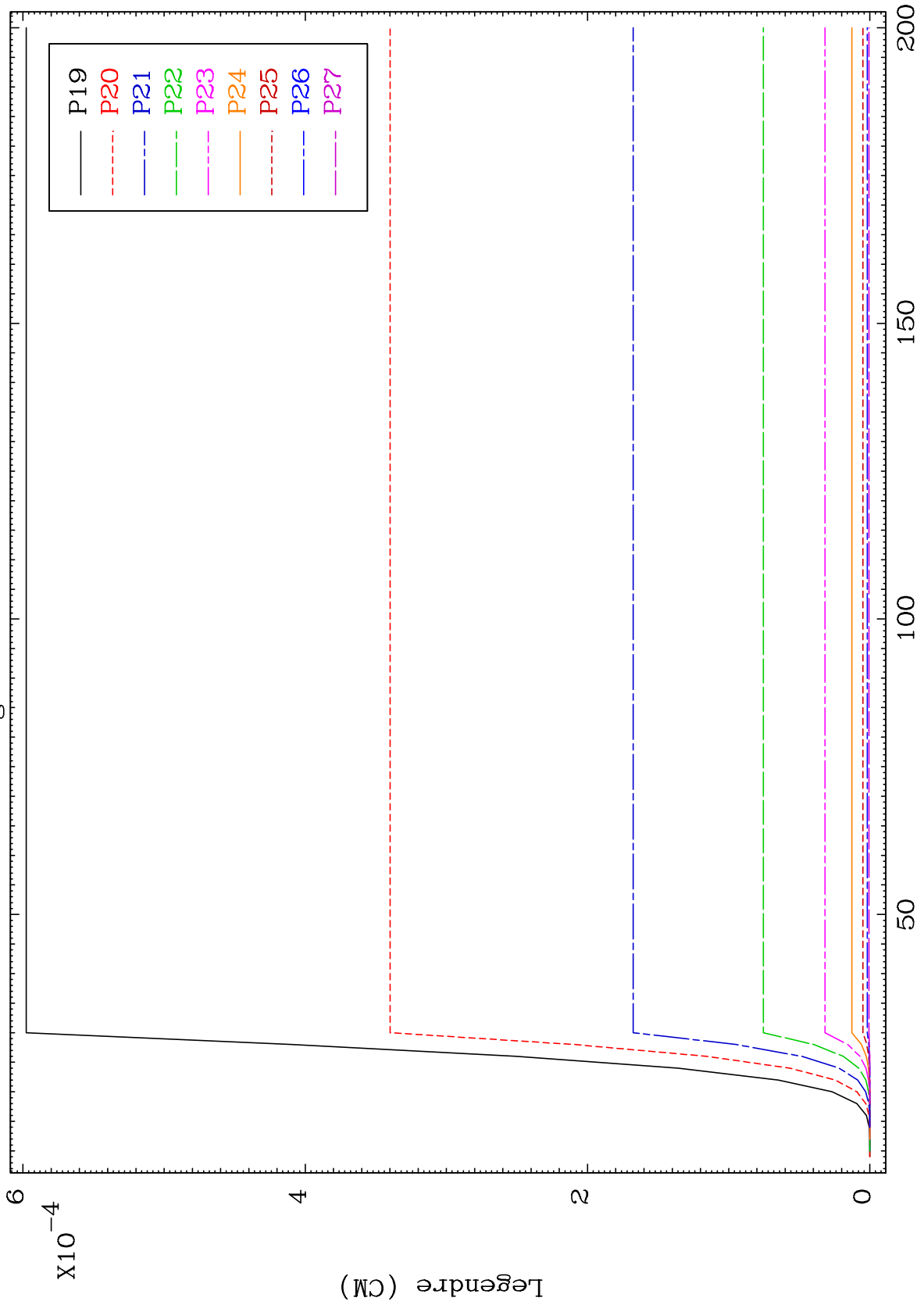
Incident Energy (MeV)

MAT 3931 MT= 73 (n,n') Level Legendre Coefficients 39-Y -91



101 Incident Energy (MeV) 39-Y -91

MAT 3931 MT= 73 (n,n') Level Legendre Coefficients 39-Y -91

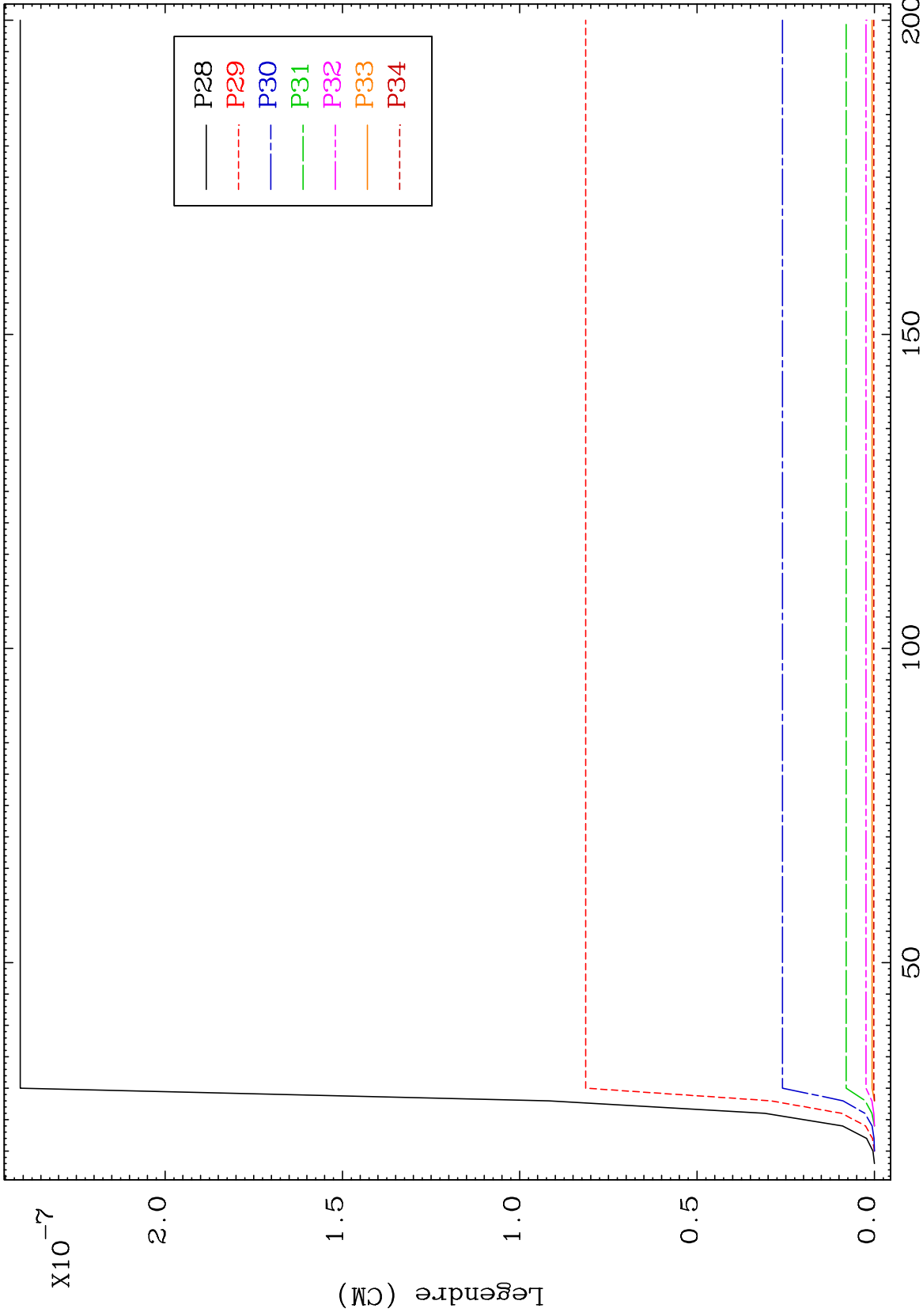


102 50 100 150 200 39-Y -91

MAT 3931

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

39-Y -91



103

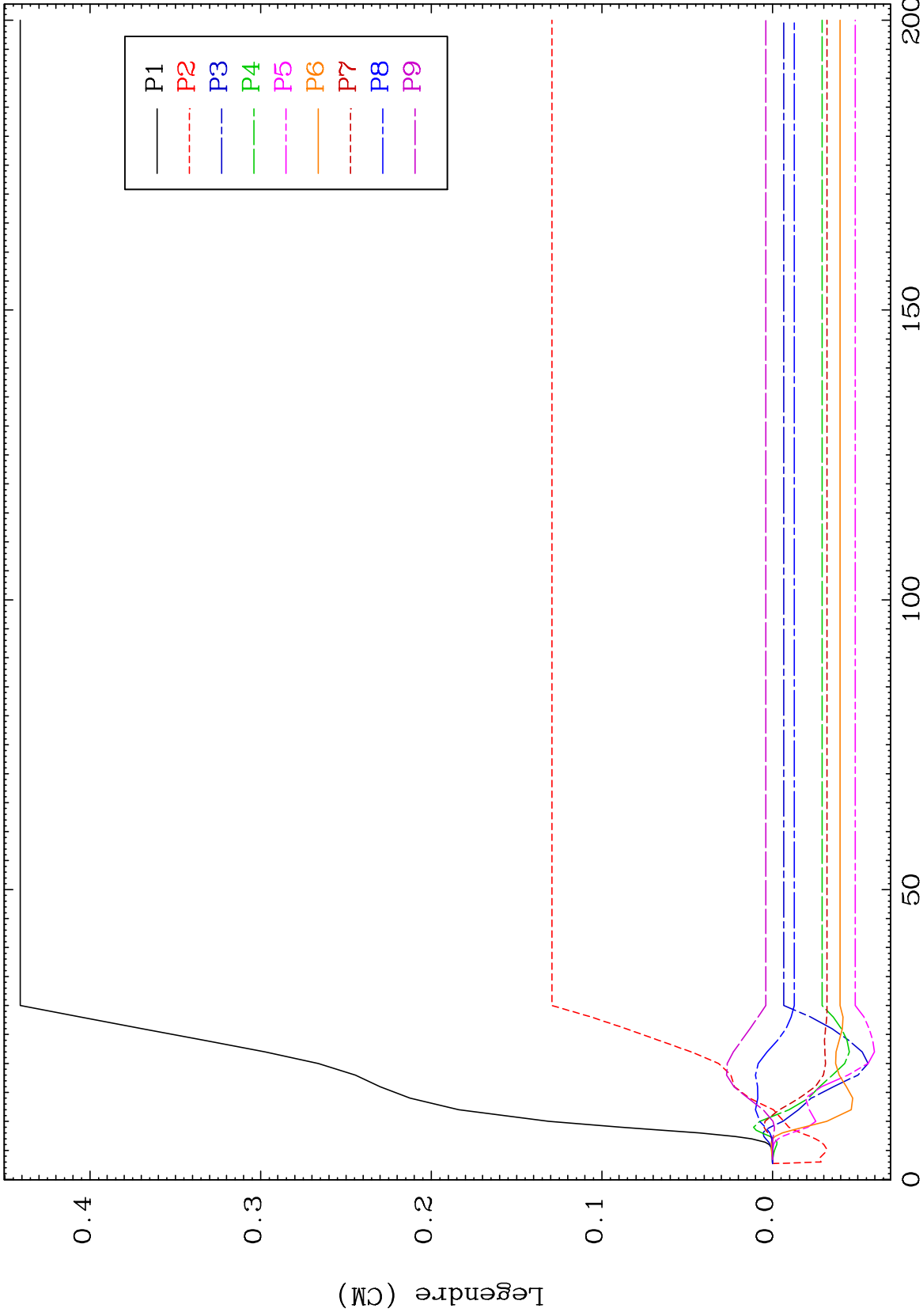
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



104

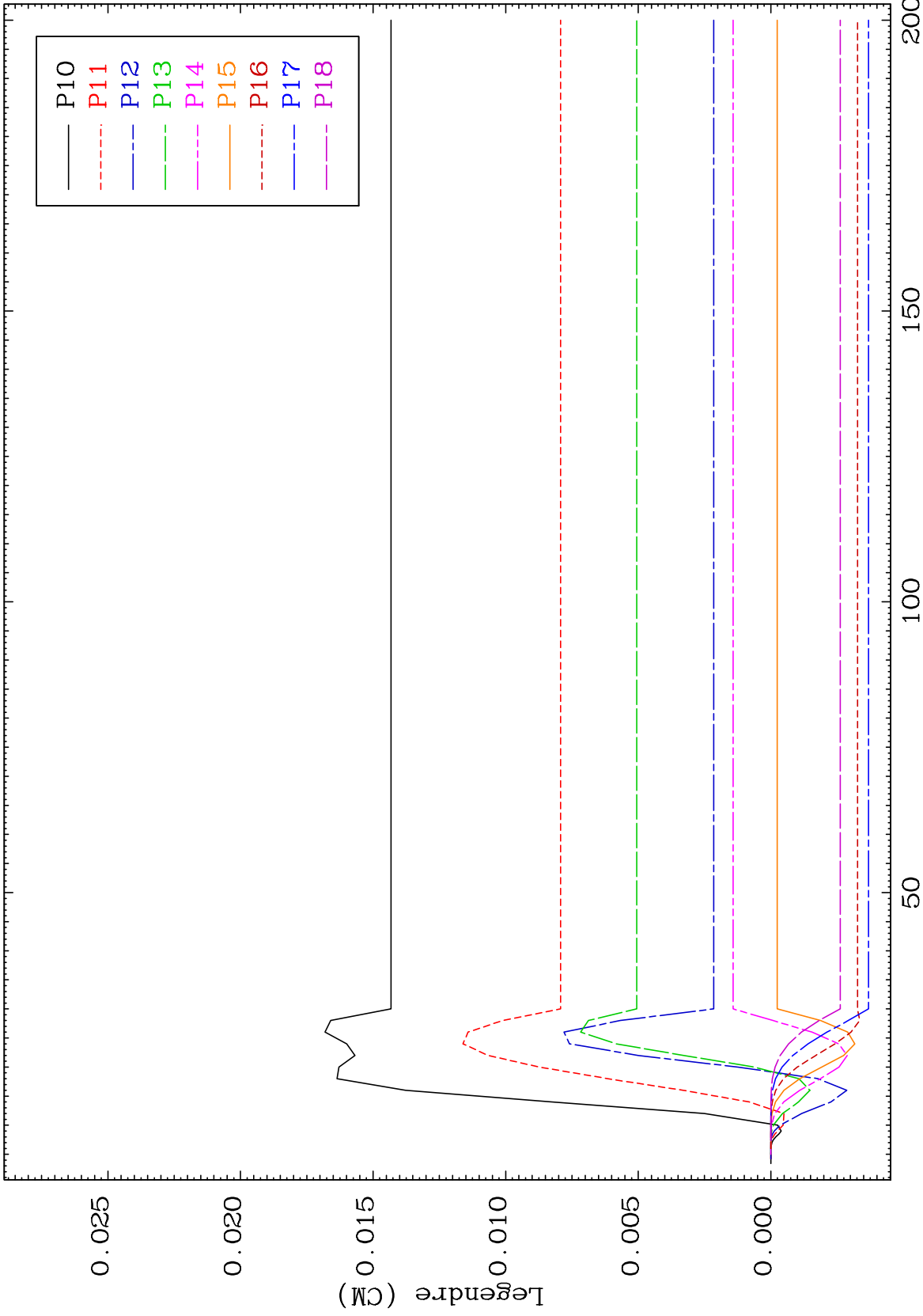
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

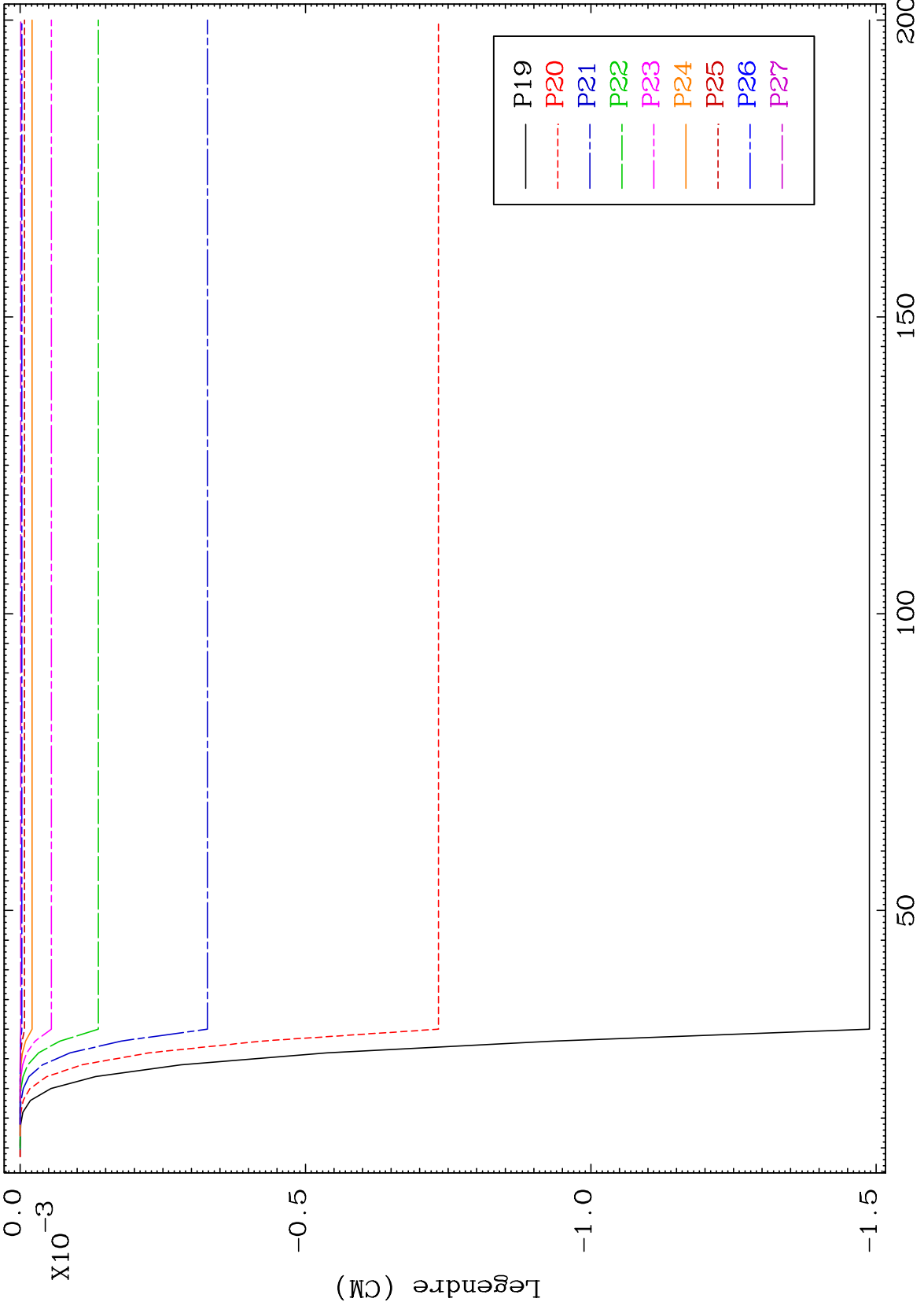


105

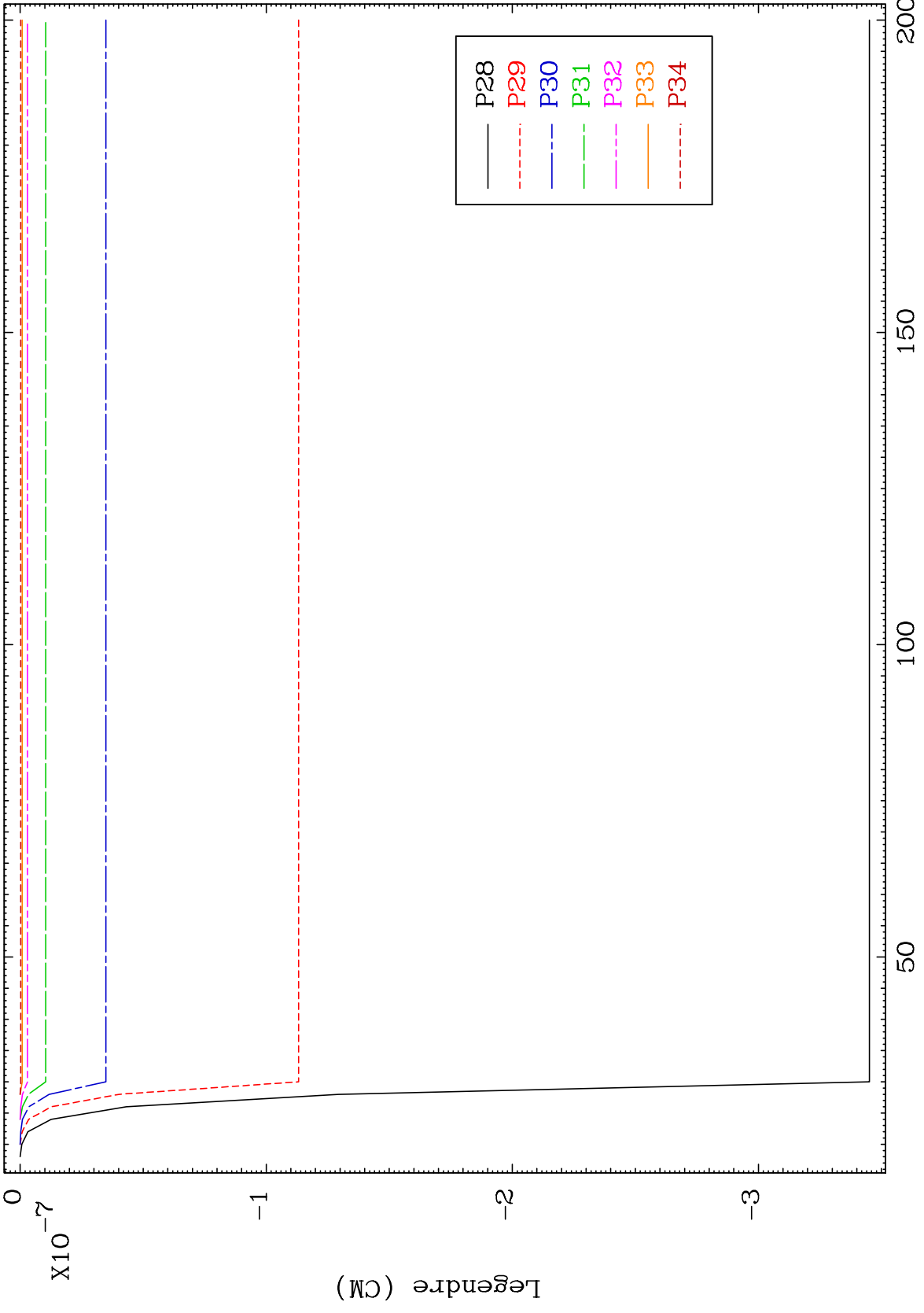
Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 74 (n,n') Level Legendre Coefficients 39-Y -91



MAT 3931 MT= 74 (n,n') Level Legendre Coefficients 39-Y -91

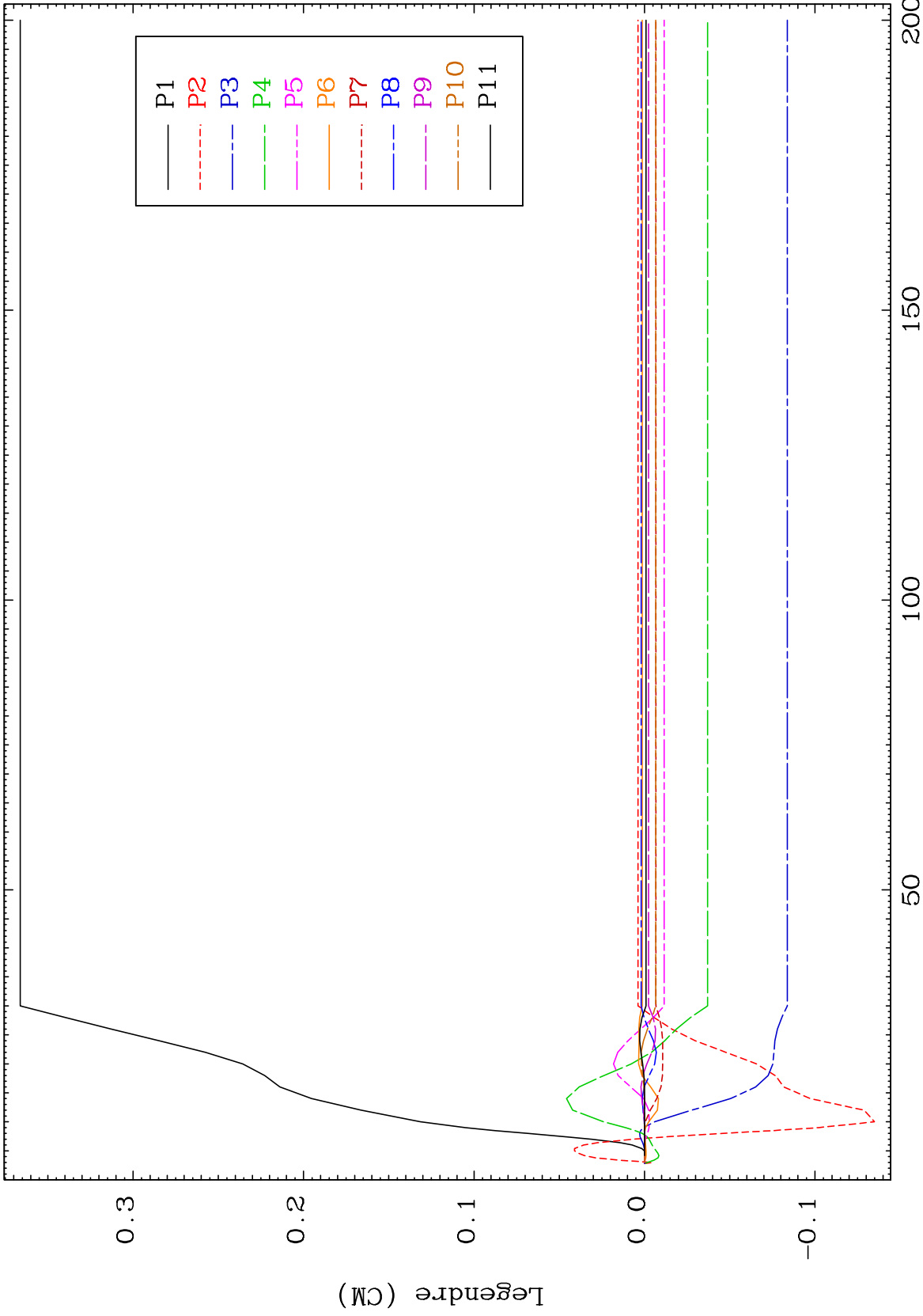


107 39-Y -91

MAT 3931

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

39-Y -91

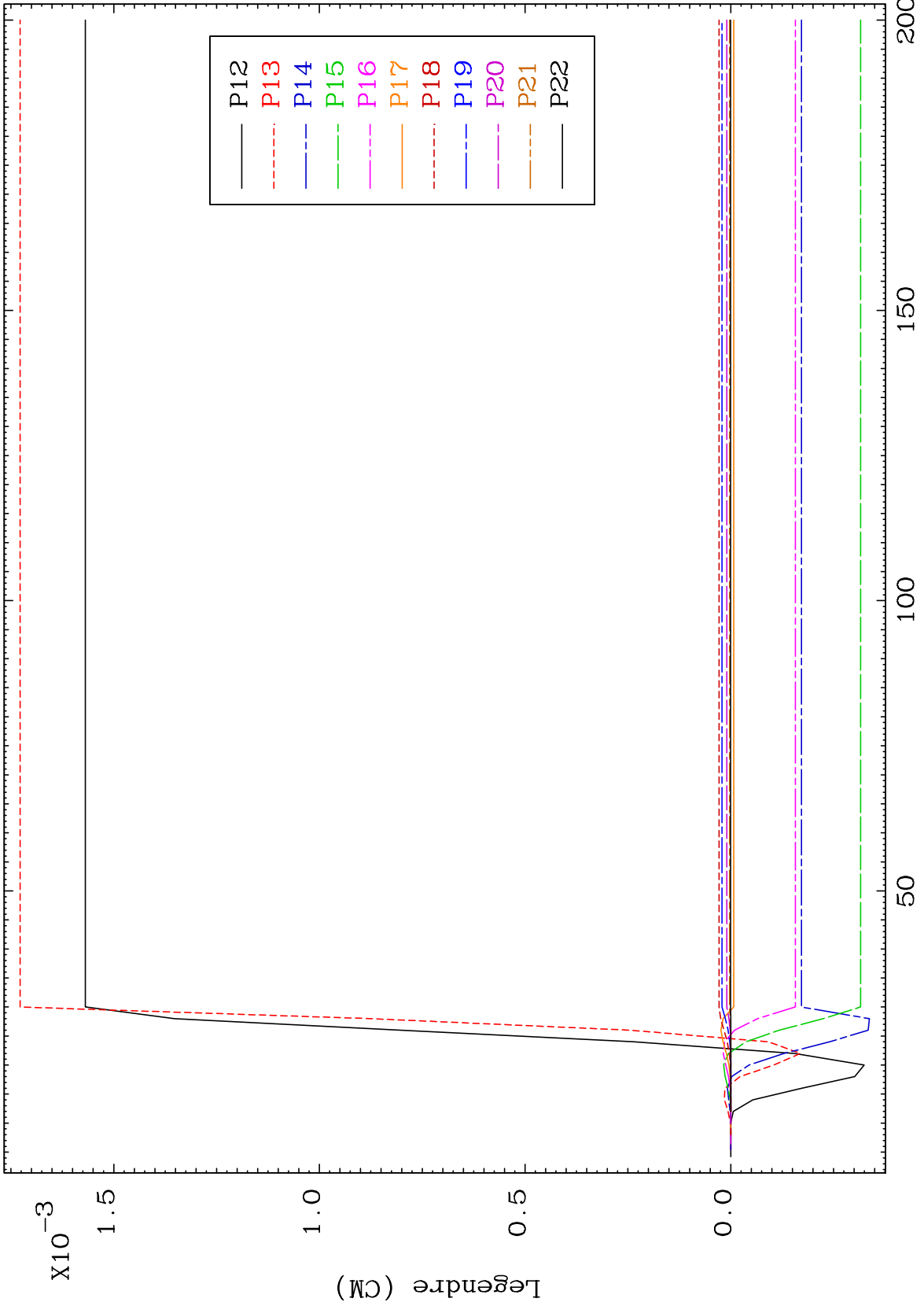


108

Incident Energy (MeV)

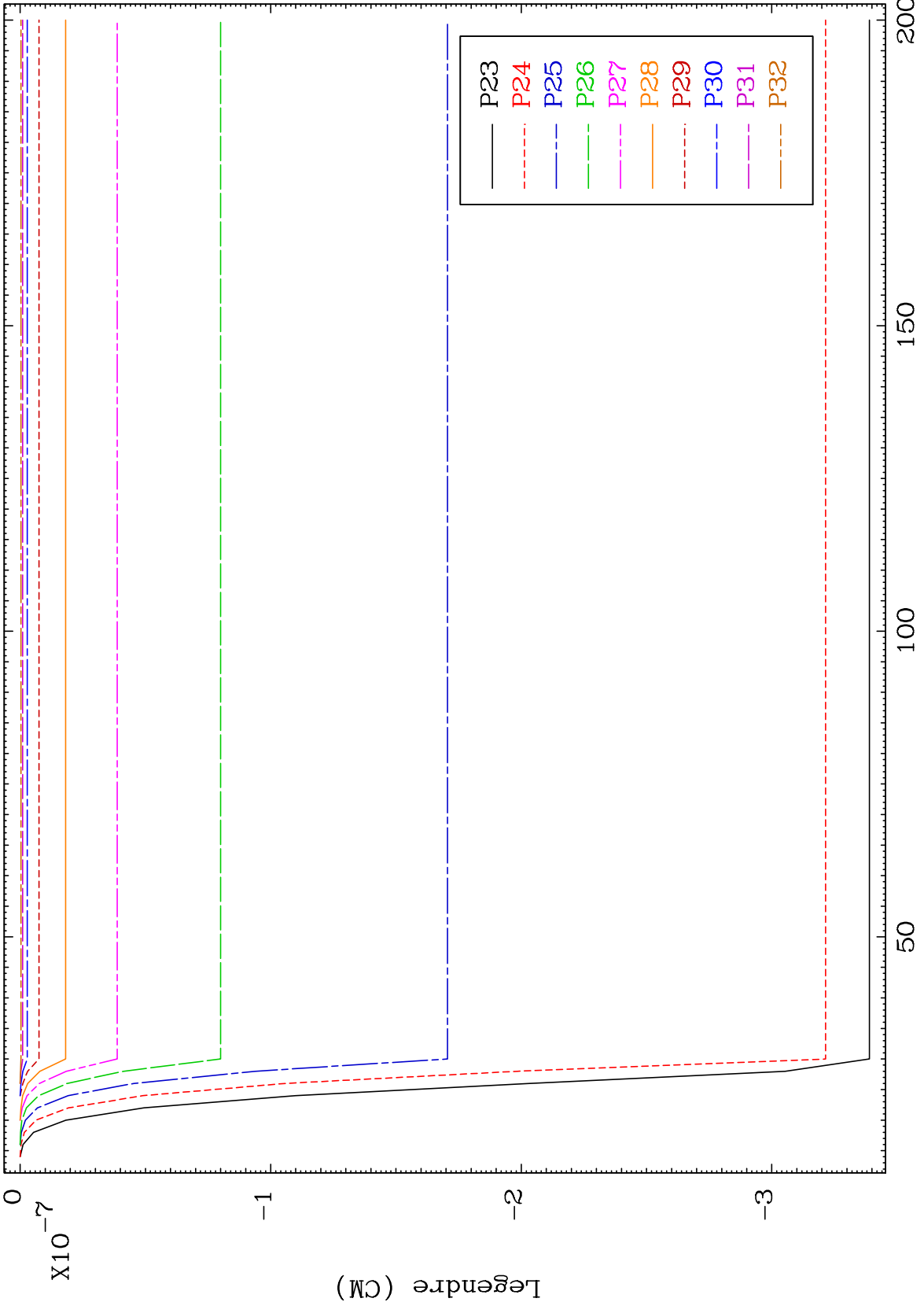
39-Y -91

MAT 3931 MT= 75 (n,n') Level Legendre Coefficients 39-Y -91



109 39-Y -91

MAT 3931 MT= 75 (n,n') Level Legendre Coefficients 39-Y -91

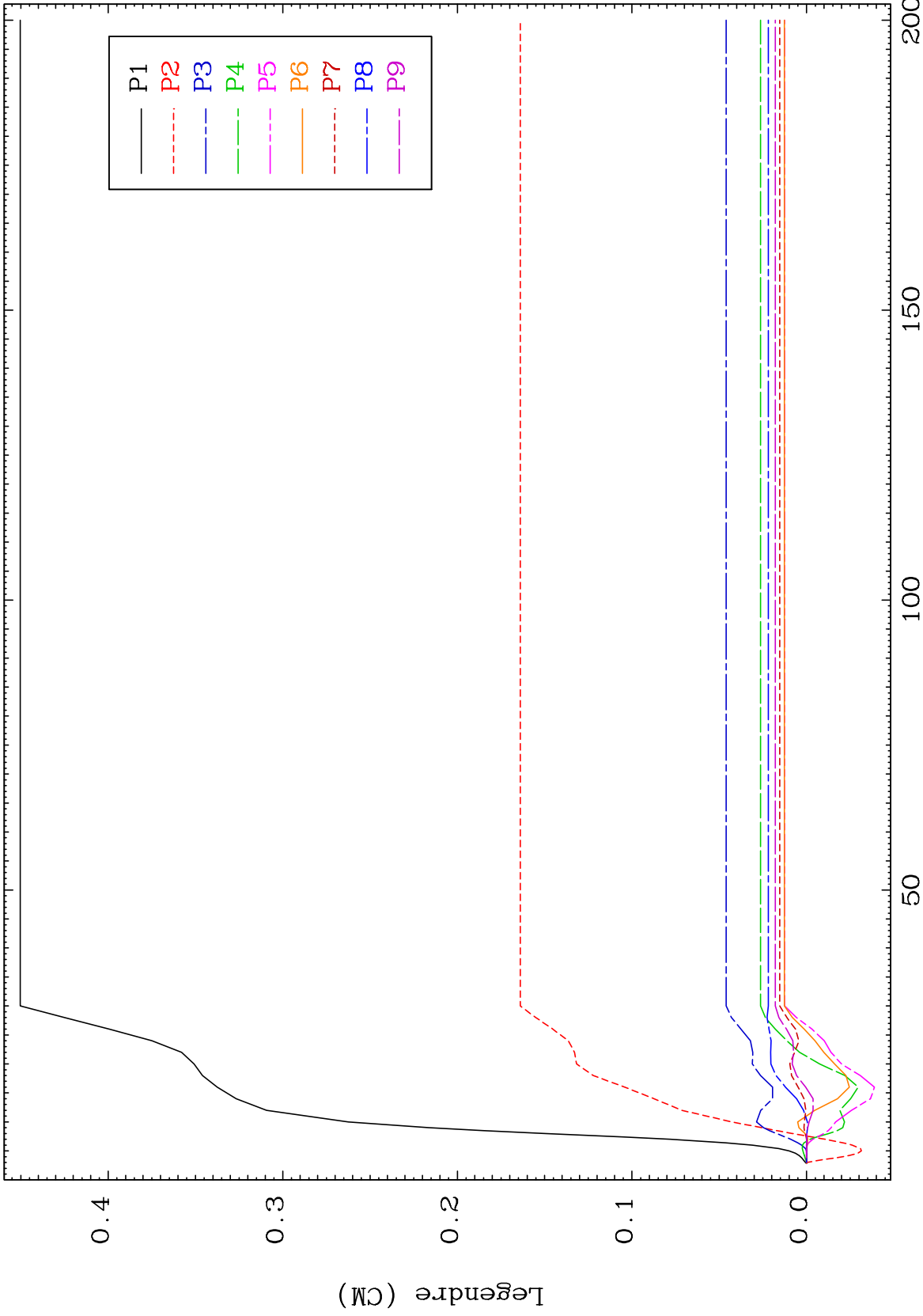


110 Incident Energy (MeV) 39-Y -91

MAT 3931

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

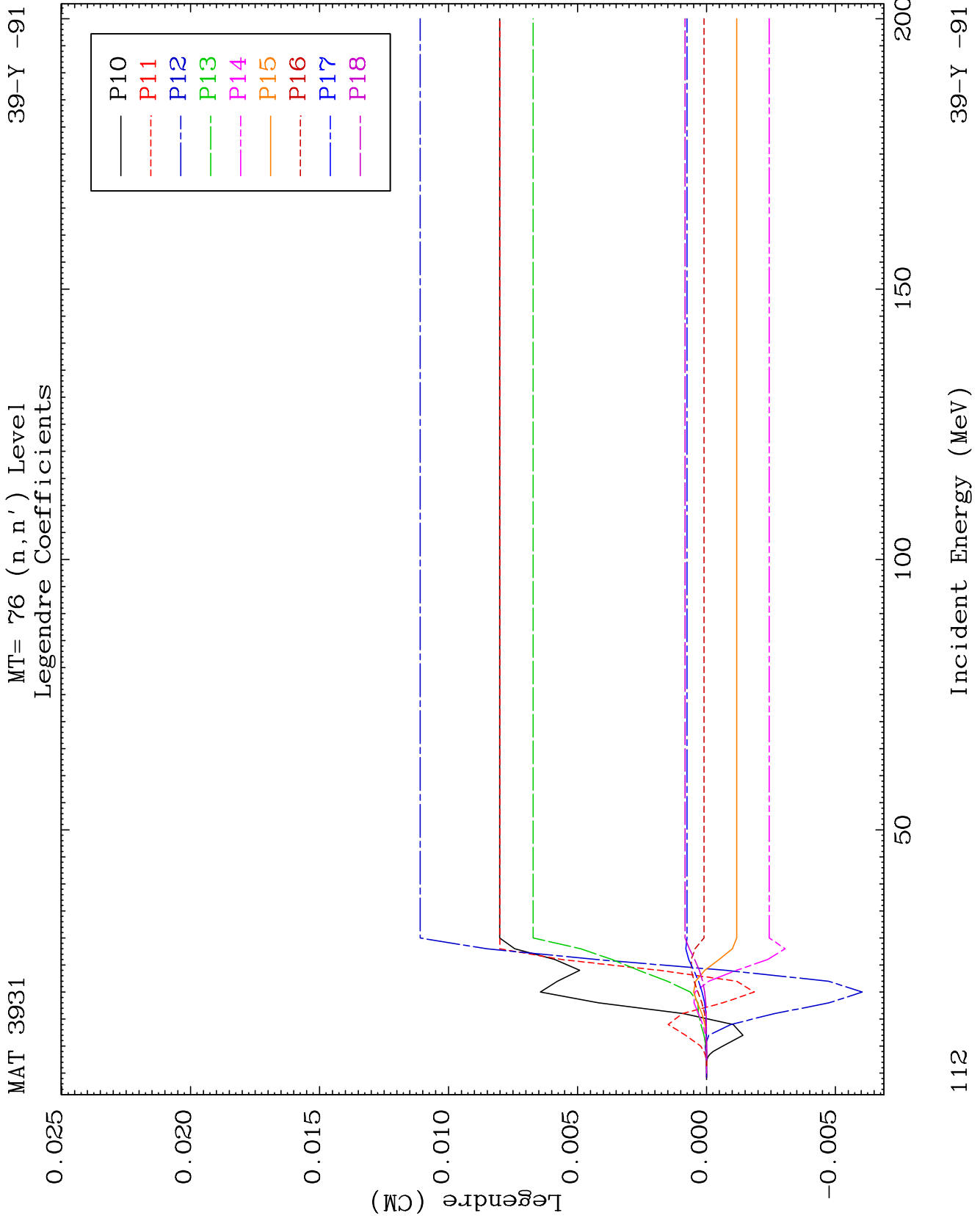
39-Y -91



111

Incident Energy (MeV)

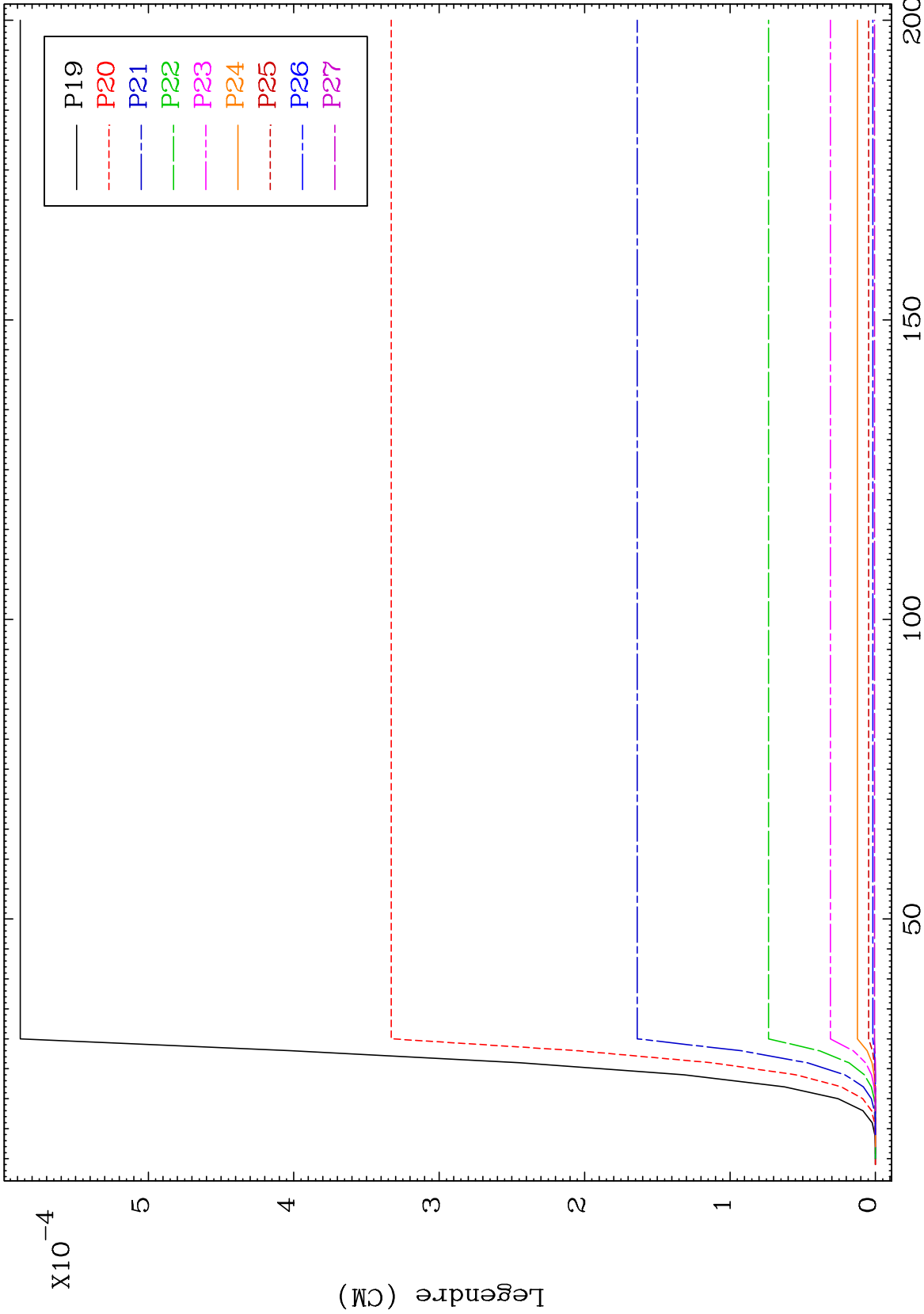
39-Y -91



MAT 3931

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

39-Y -91



113

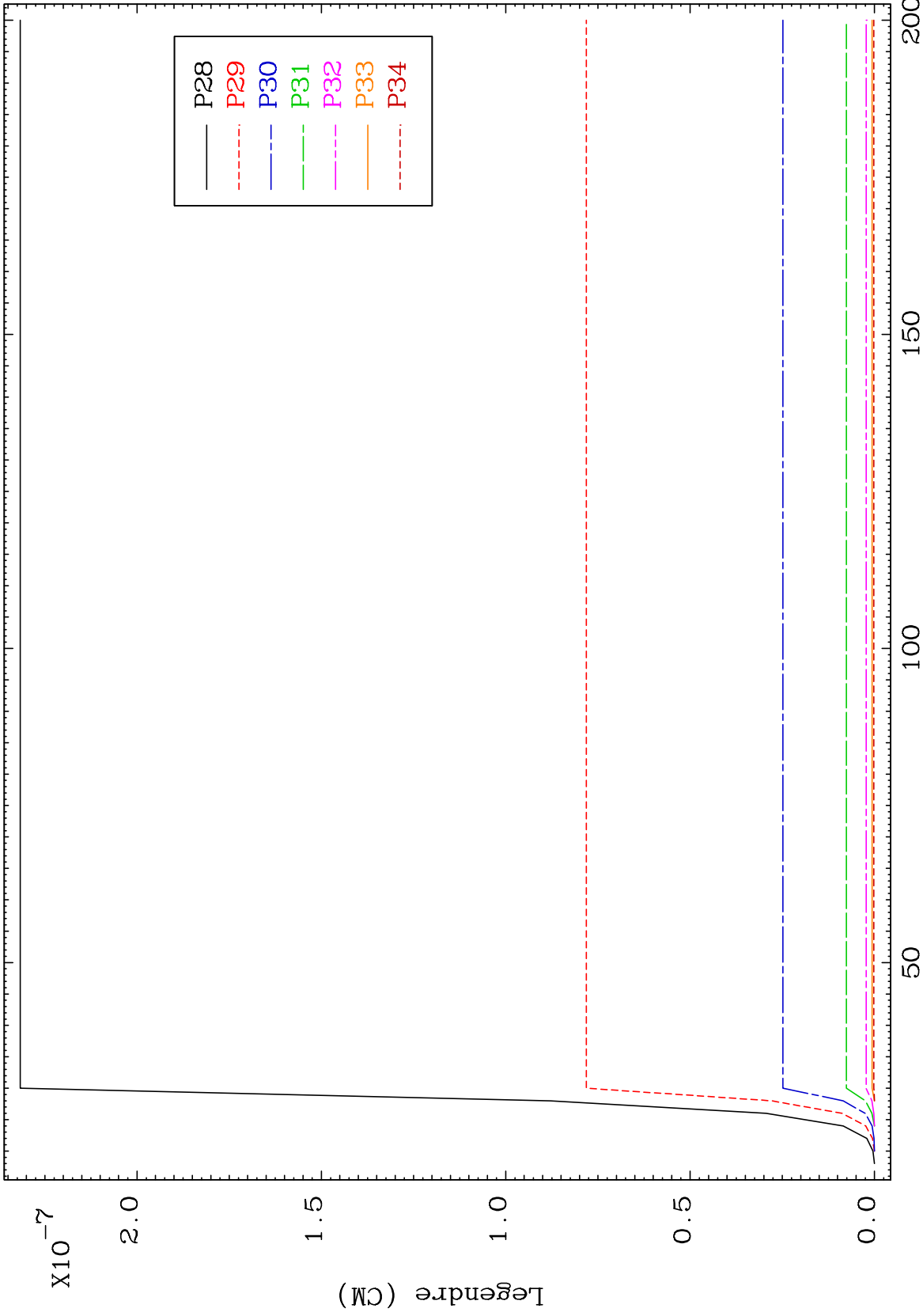
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



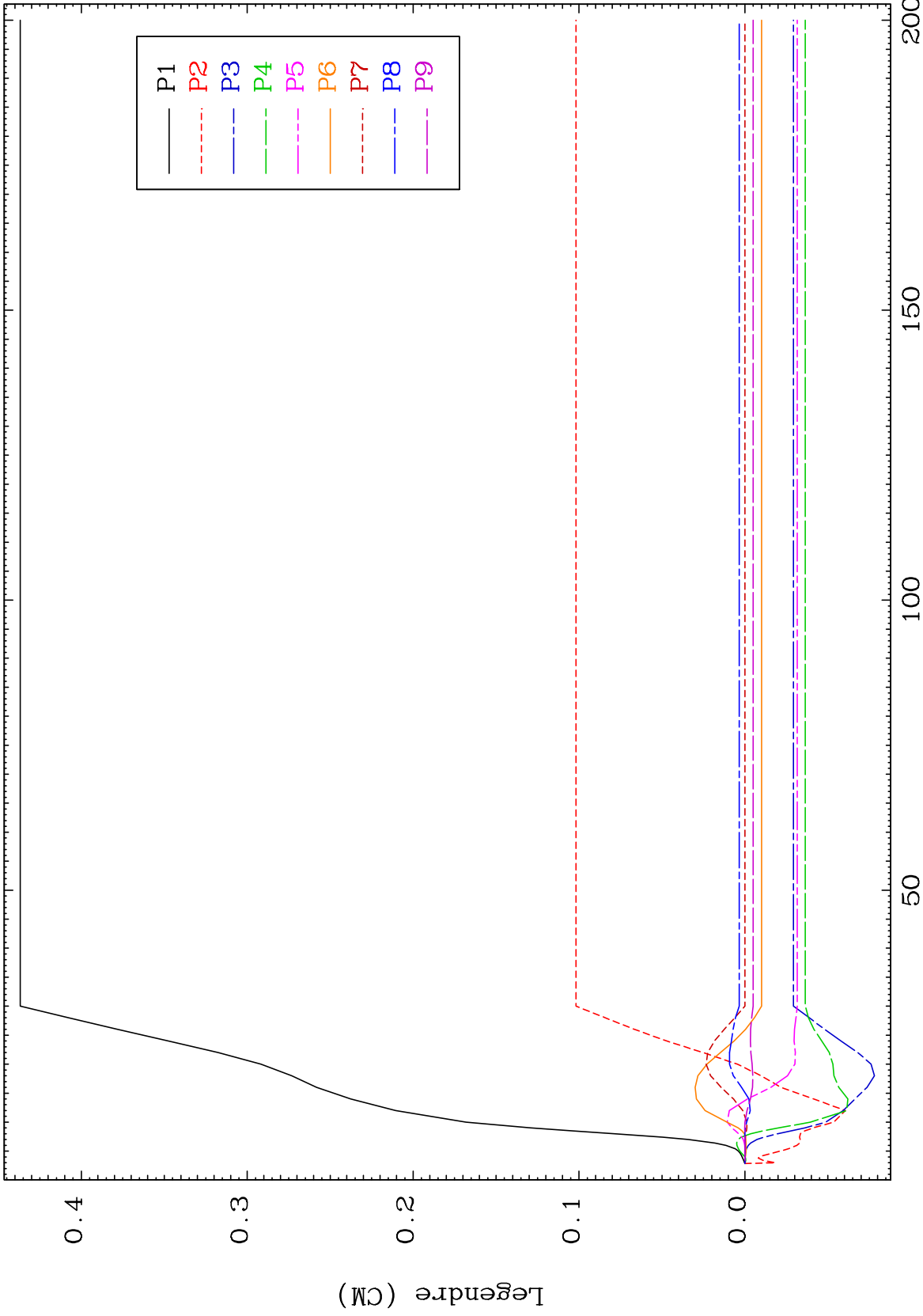
114

39-Y -91

MAT 3931

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

39-Y -91



115

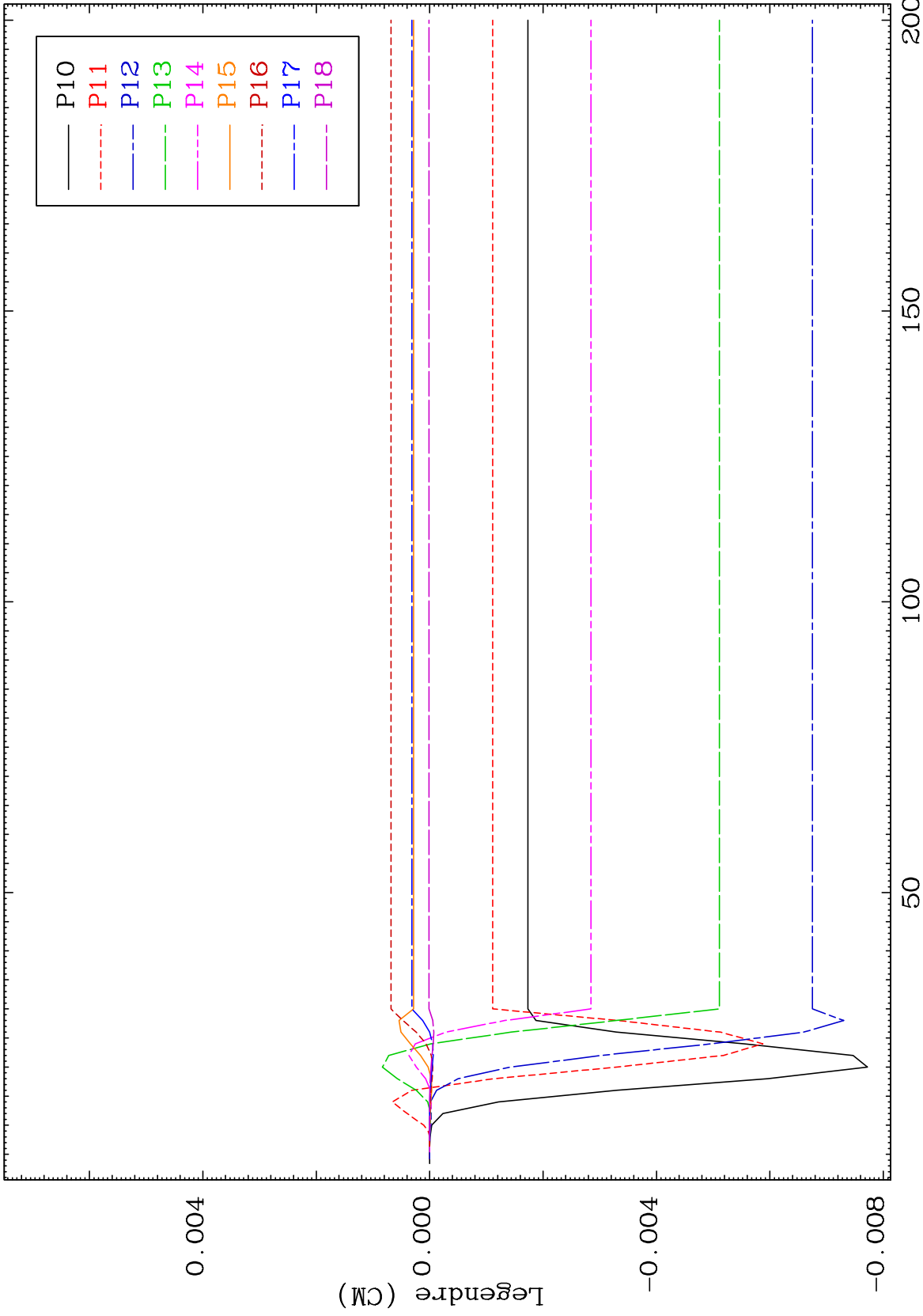
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



116

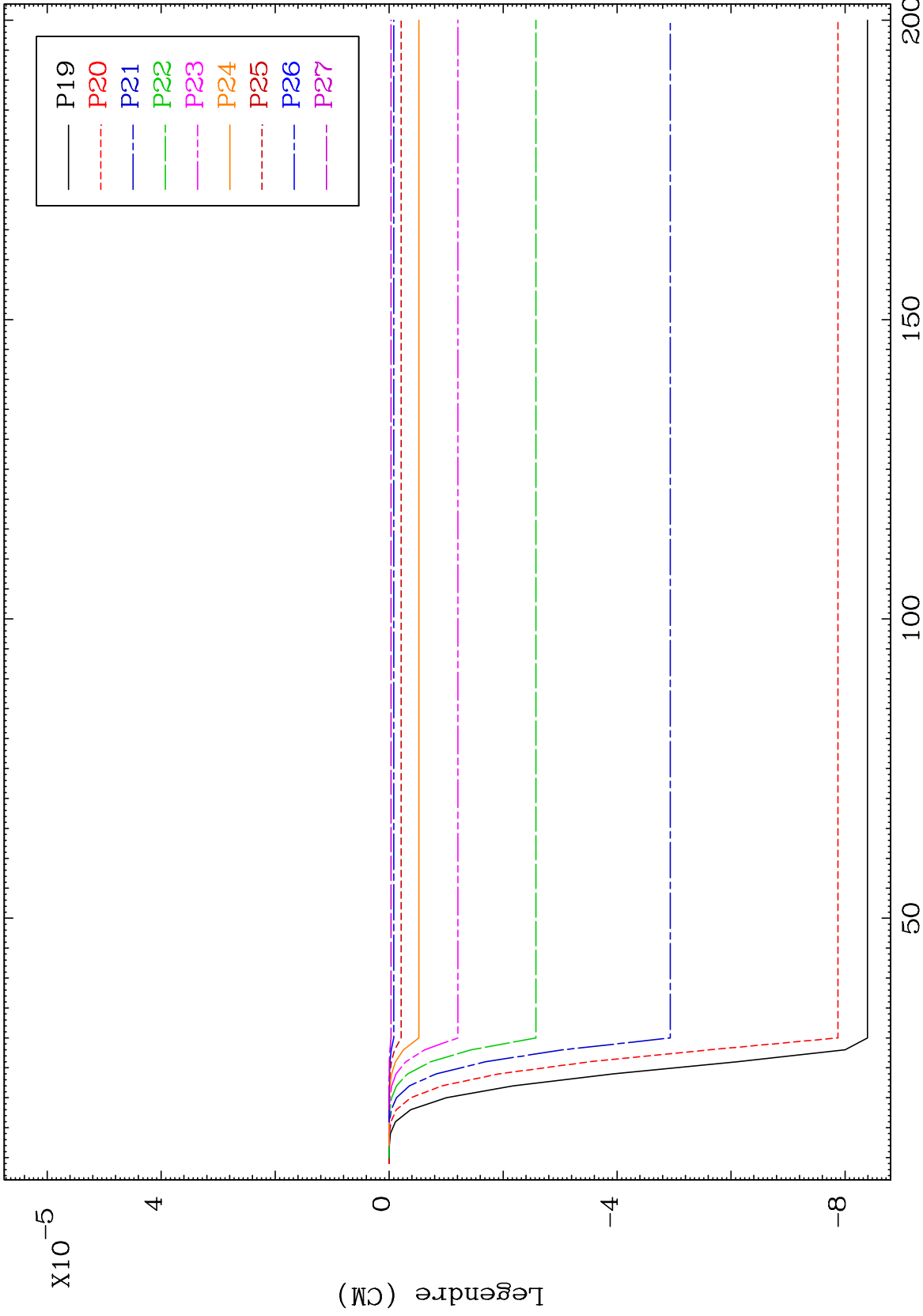
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

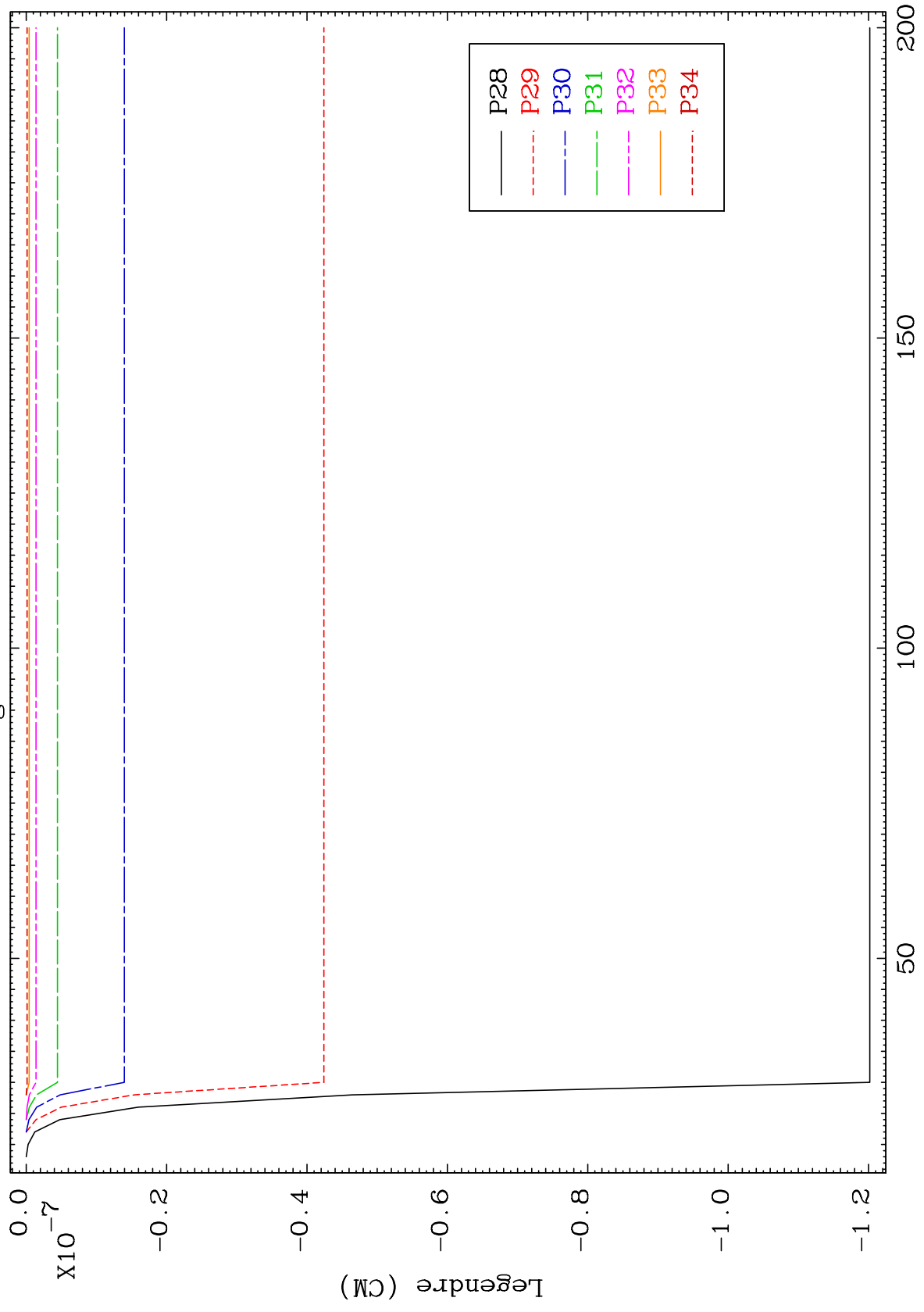


117

Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 77 (n,n') Level Legendre Coefficients 39-Y -91

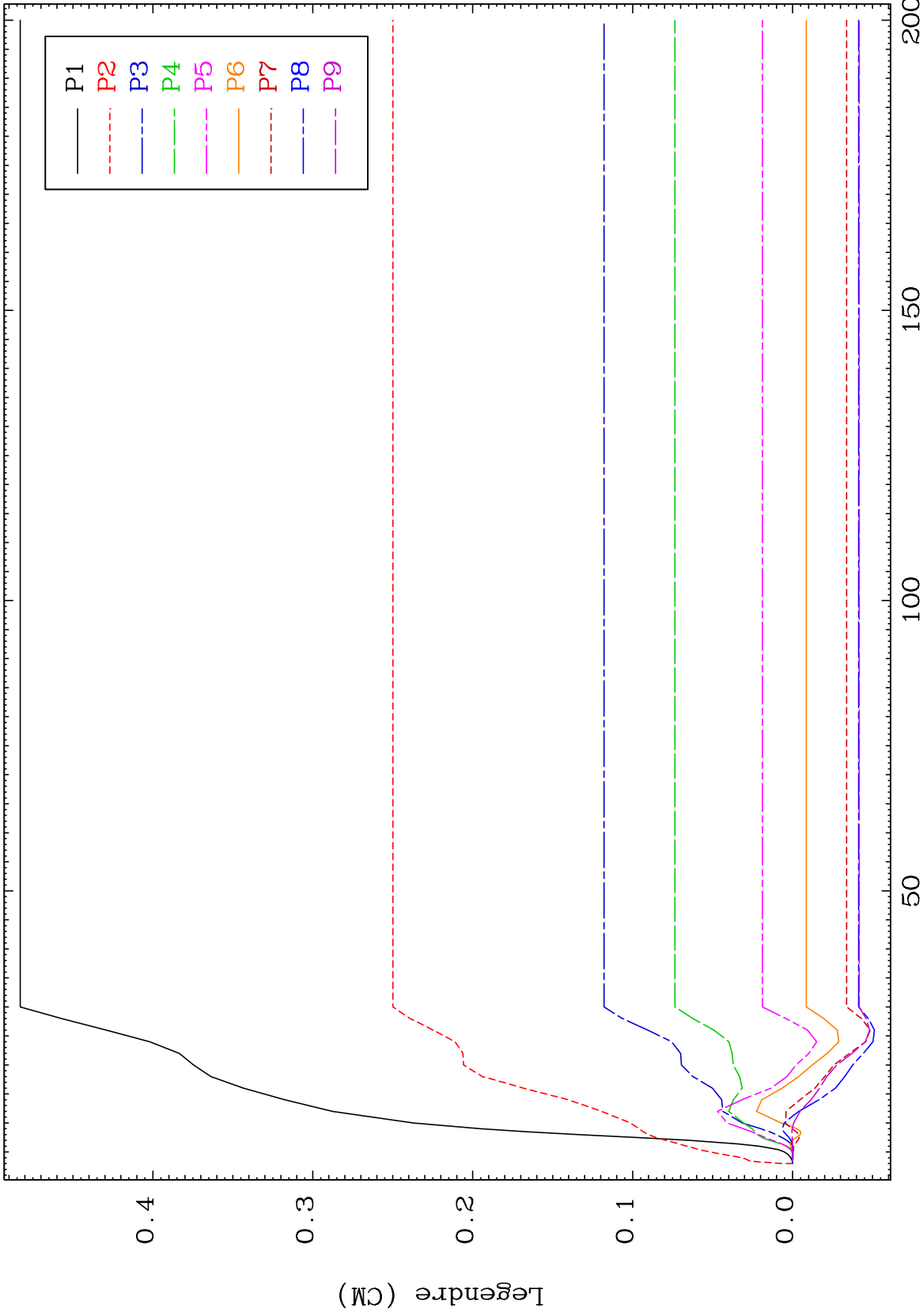


118 39-Y -91

MAT 3931

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

39-Y -91



119

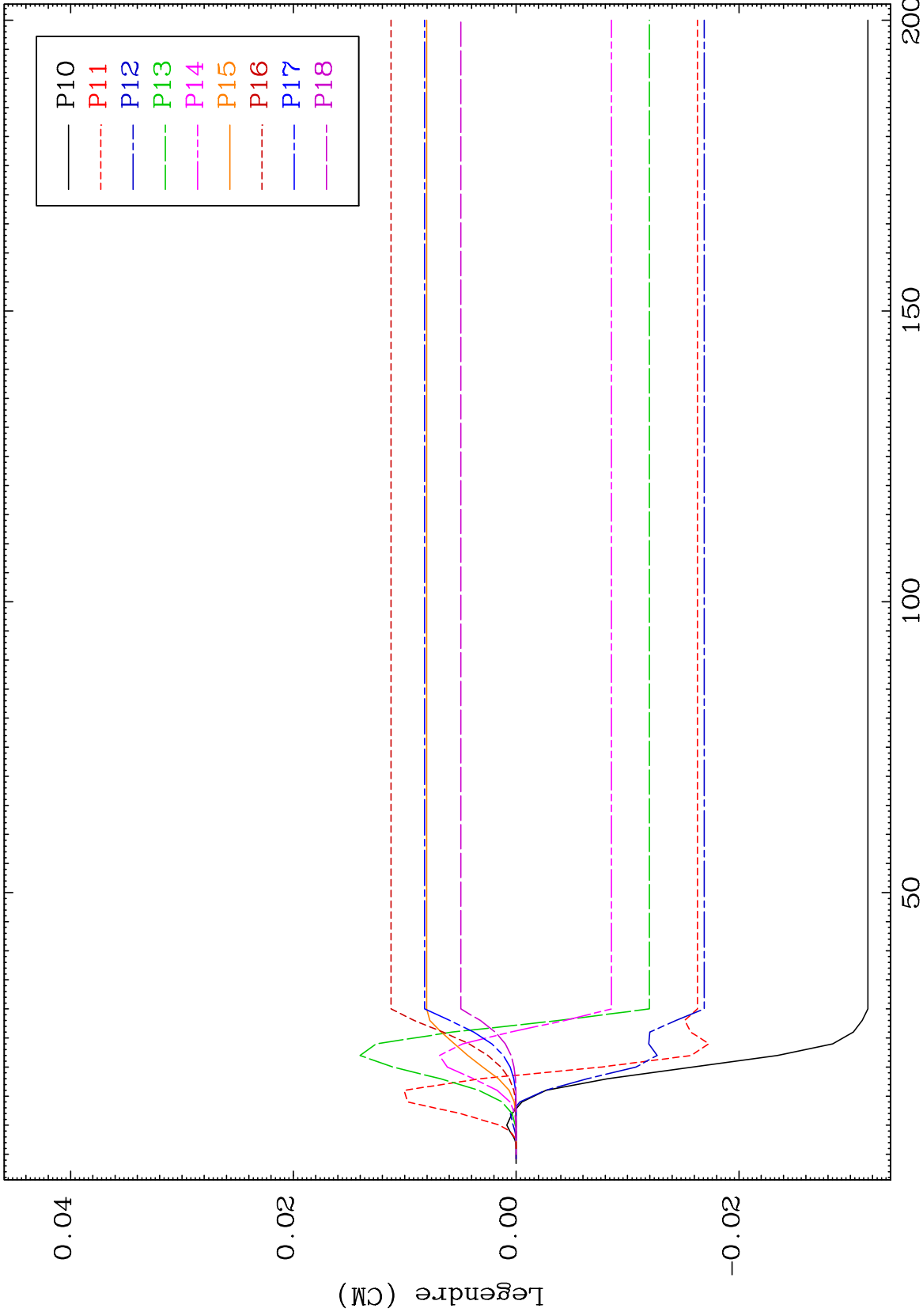
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



120

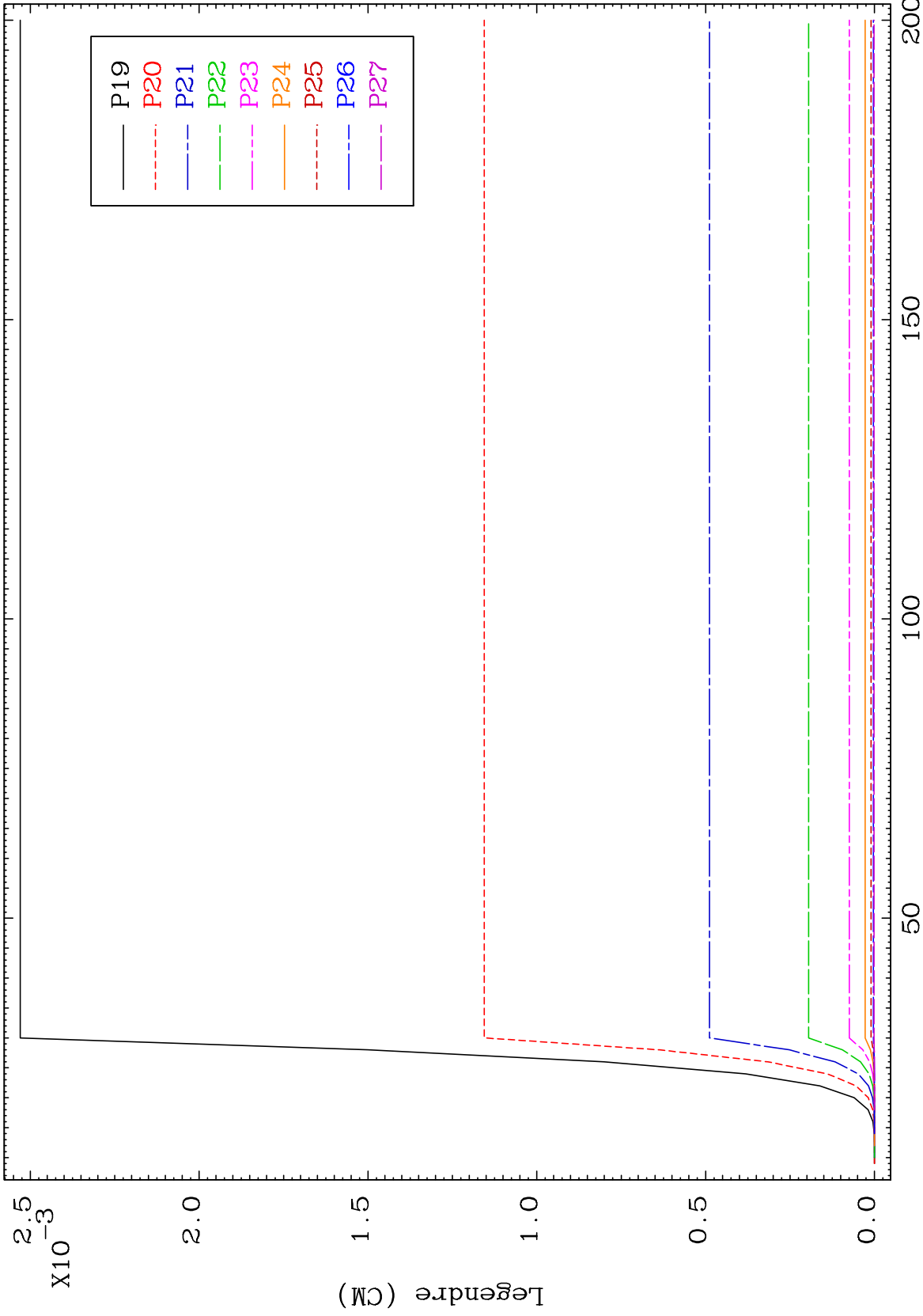
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91



121

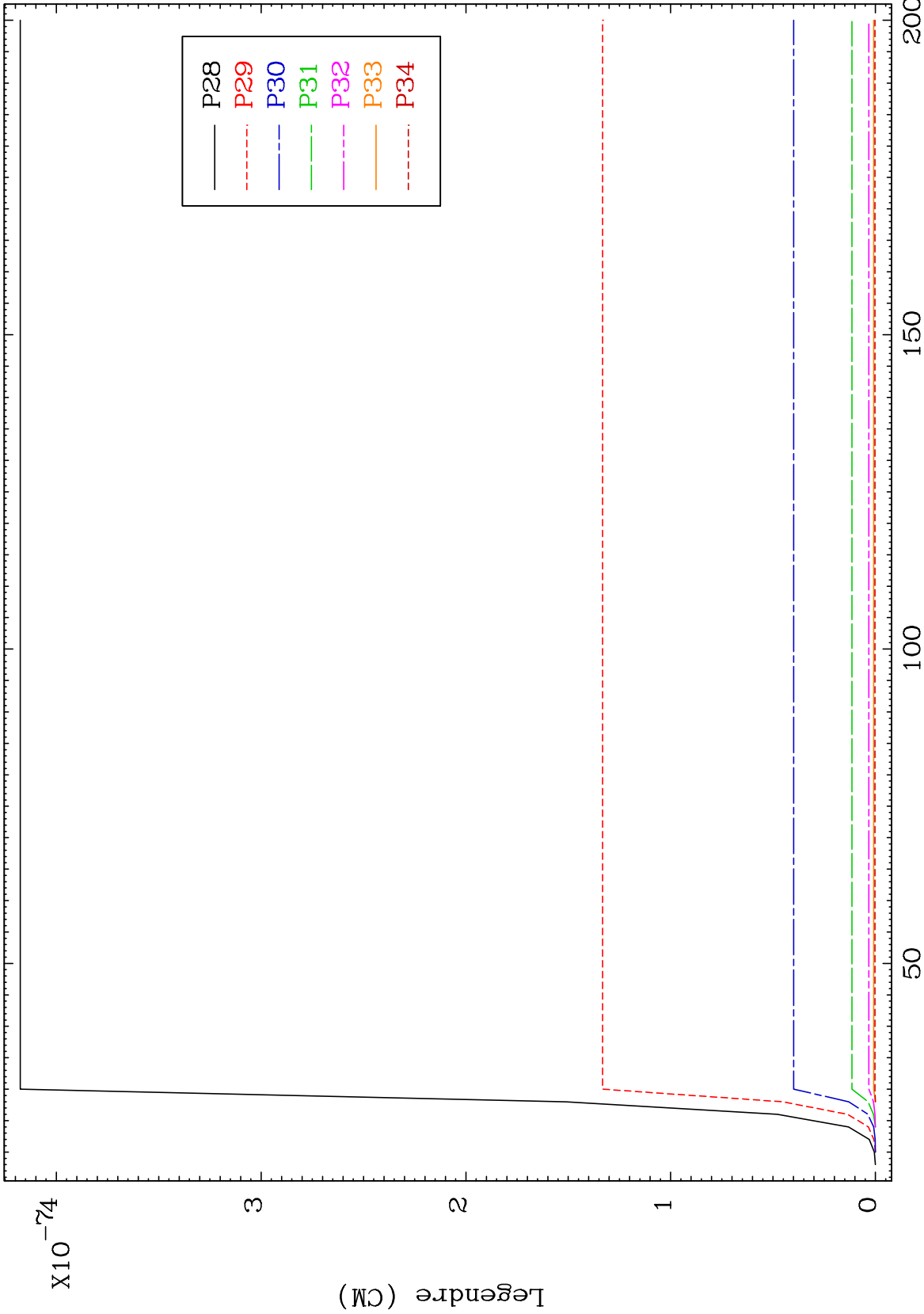
Incident Energy (MeV)

39-Y -91

MAT 3931

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

39-Y -91

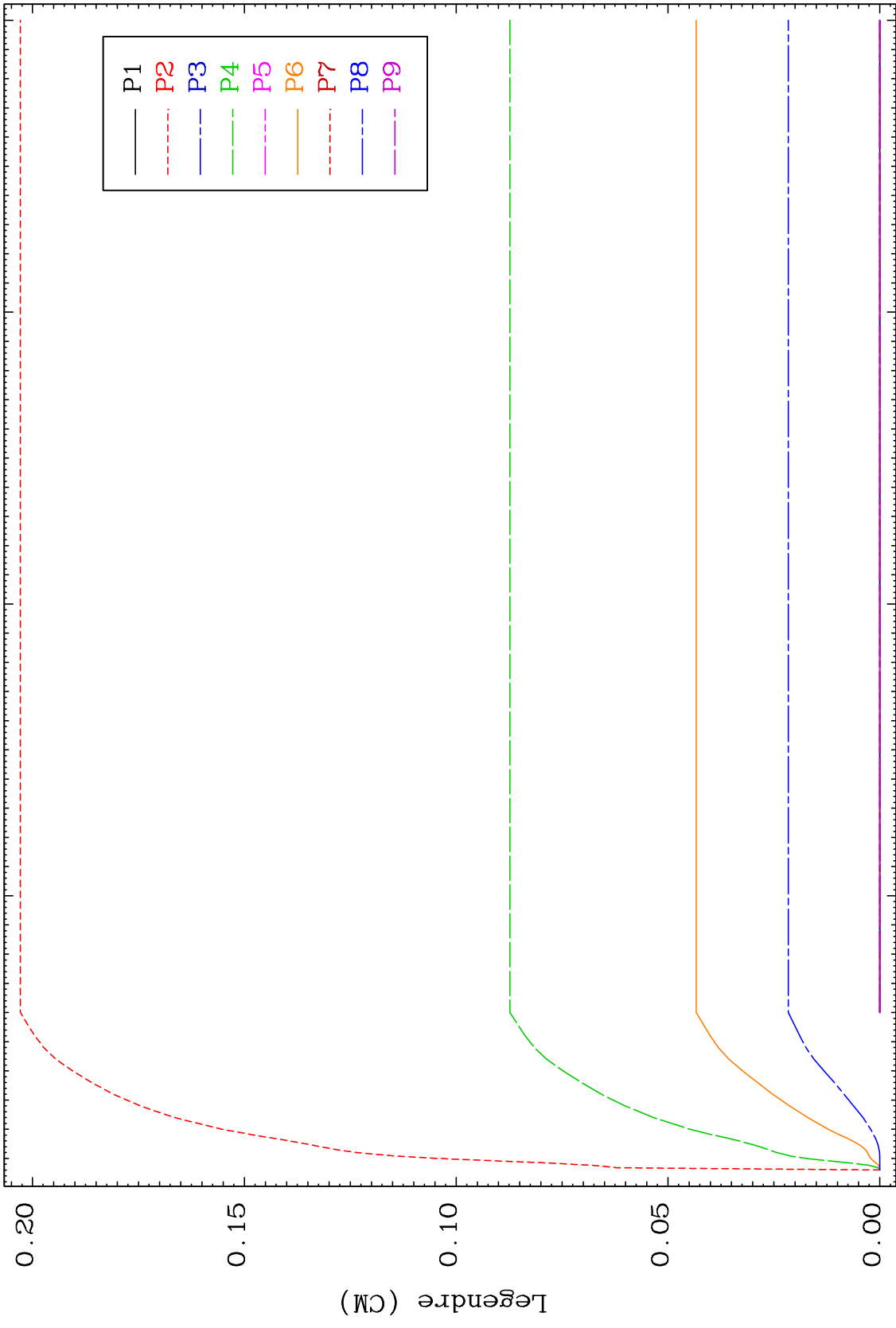


122

Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 79 (n,n') Level Legendre Coefficients 39-Y -91

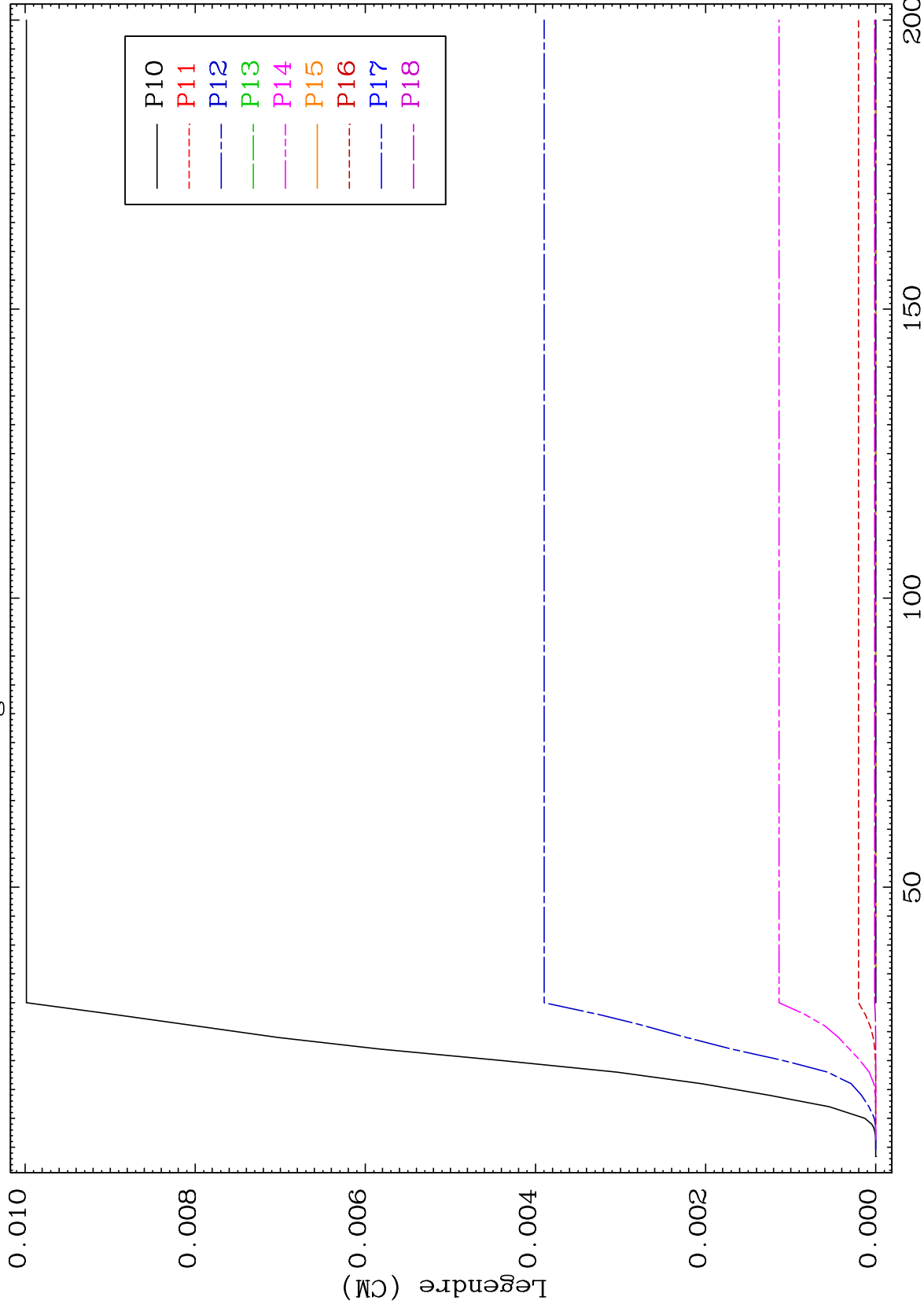


123 Incident Energy (MeV) 39-Y -91

MAT 3931

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

39-Y -91

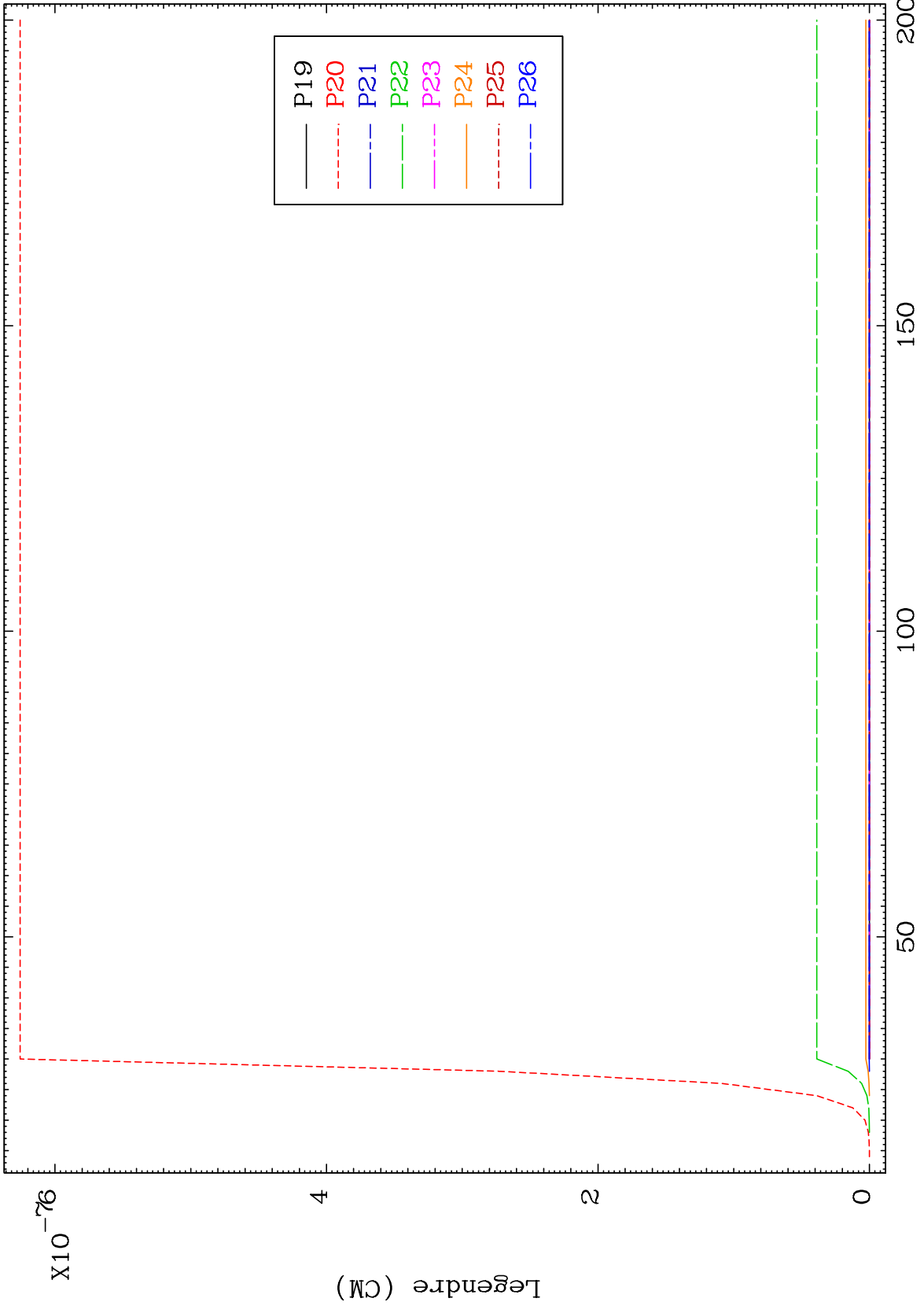


124

Incident Energy (MeV)

39-Y -91

MAT 3931 MT= 79 (n,n') Level Legendre Coefficients 39-Y -91

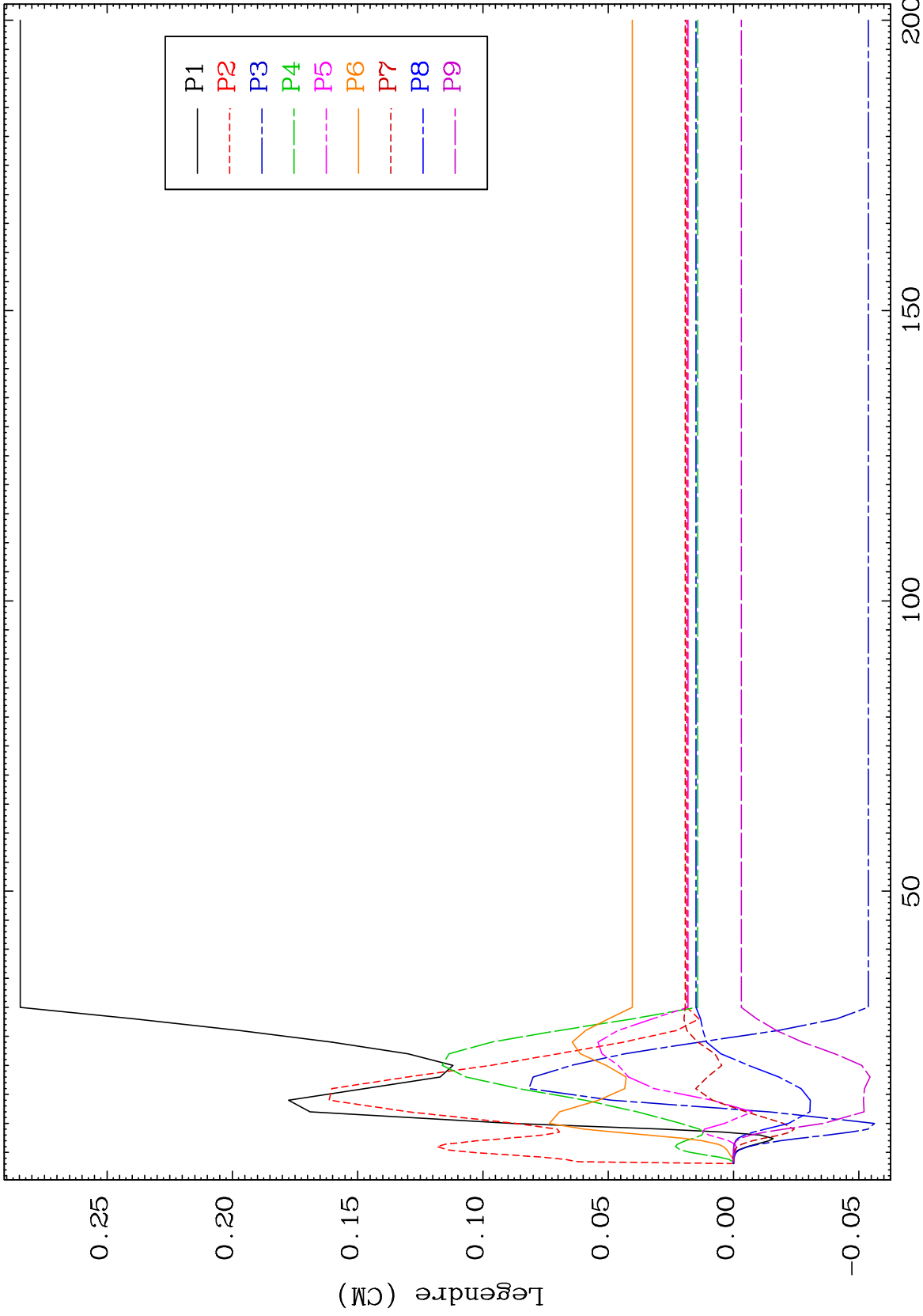


Incident Energy (MeV) 39-Y -91

MAT 3931

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

39-Y -91

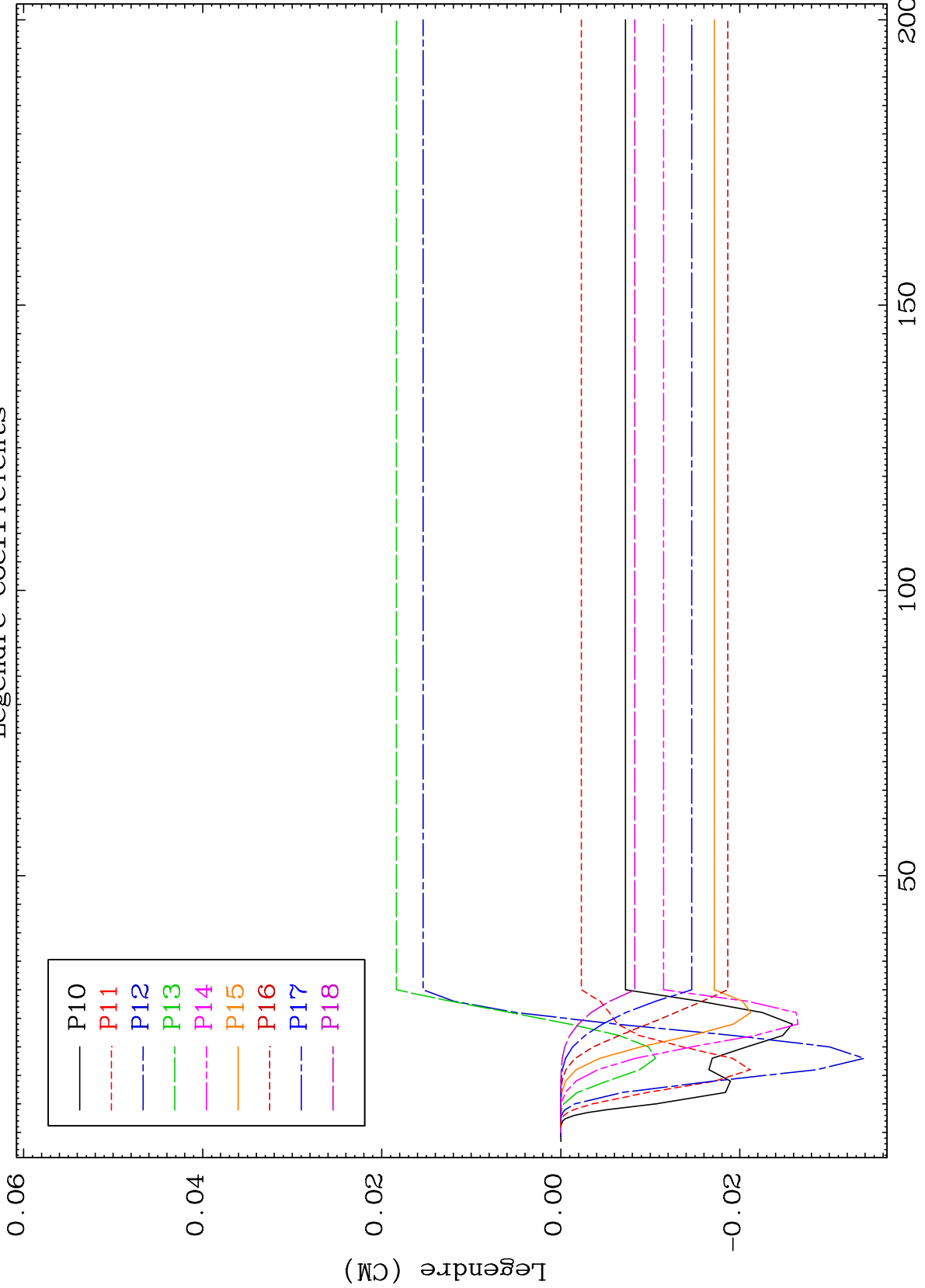


126

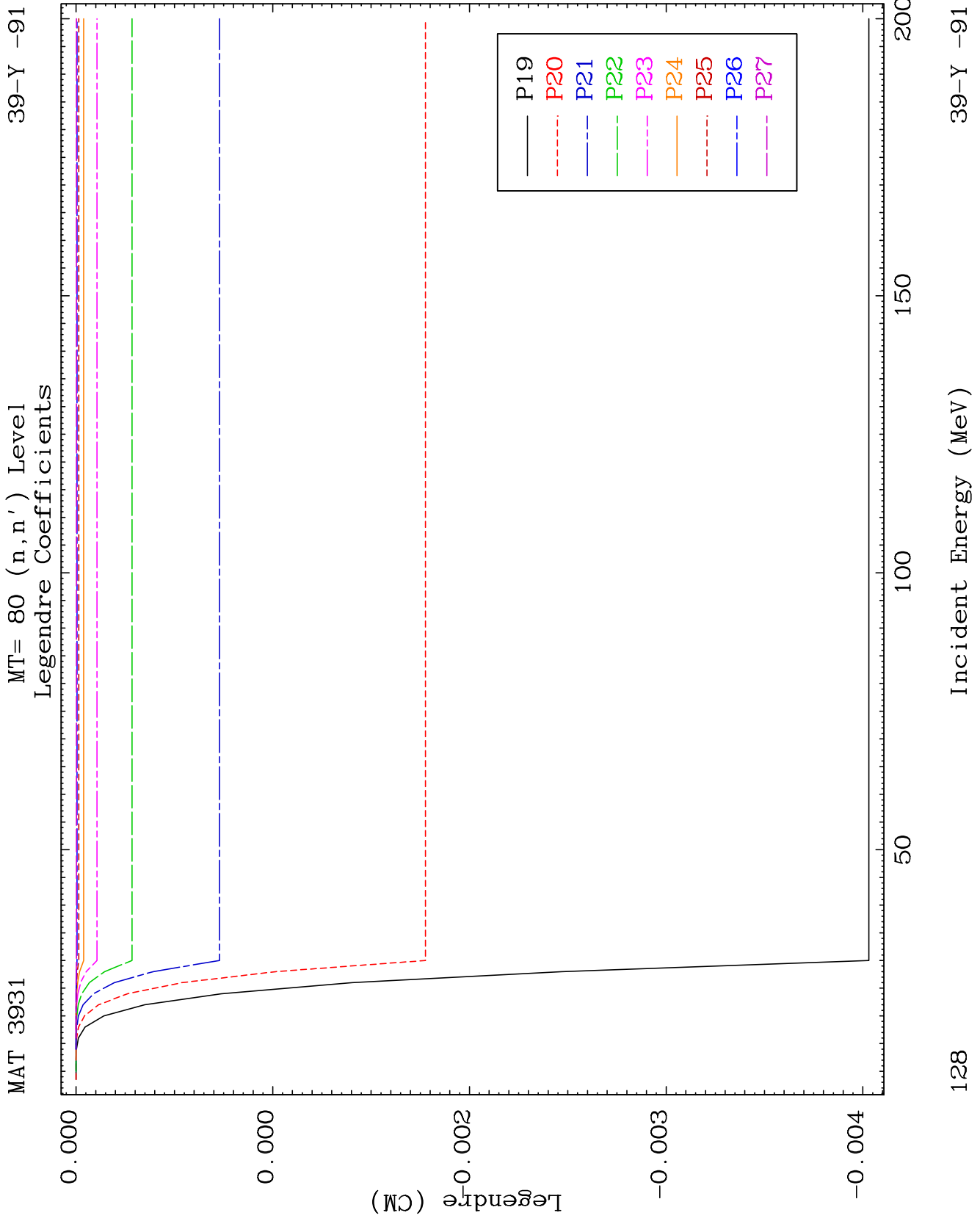
Incident Energy (MeV)

39-Y -91

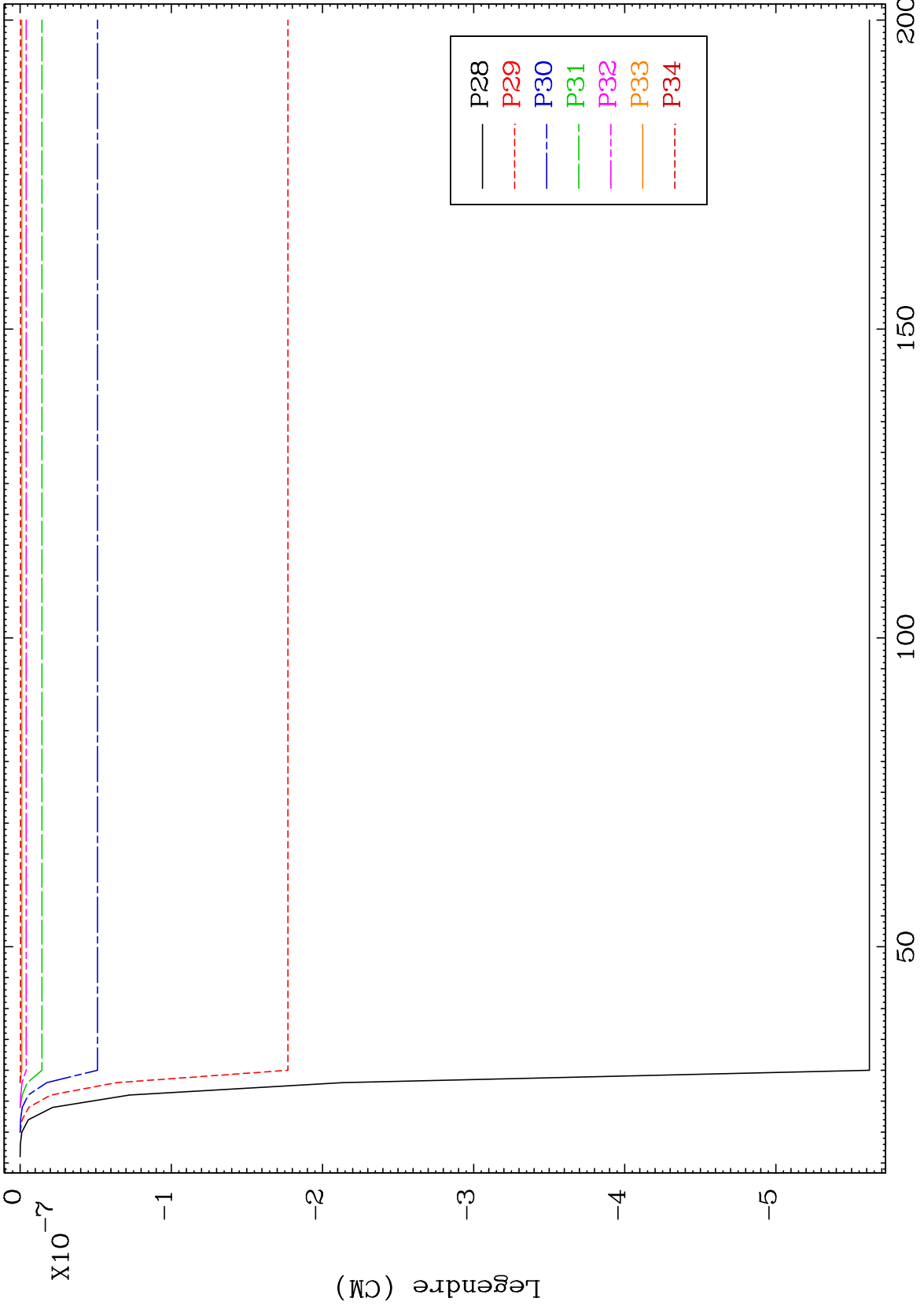
MAT 3931 MT= 80 (n,n') Level Legendre Coefficients 39-Y -91



127 Incident Energy (MeV) 39-Y -91



MAT 3931 MT= 80 (n,n') Level Legendre Coefficients 39-Y -91

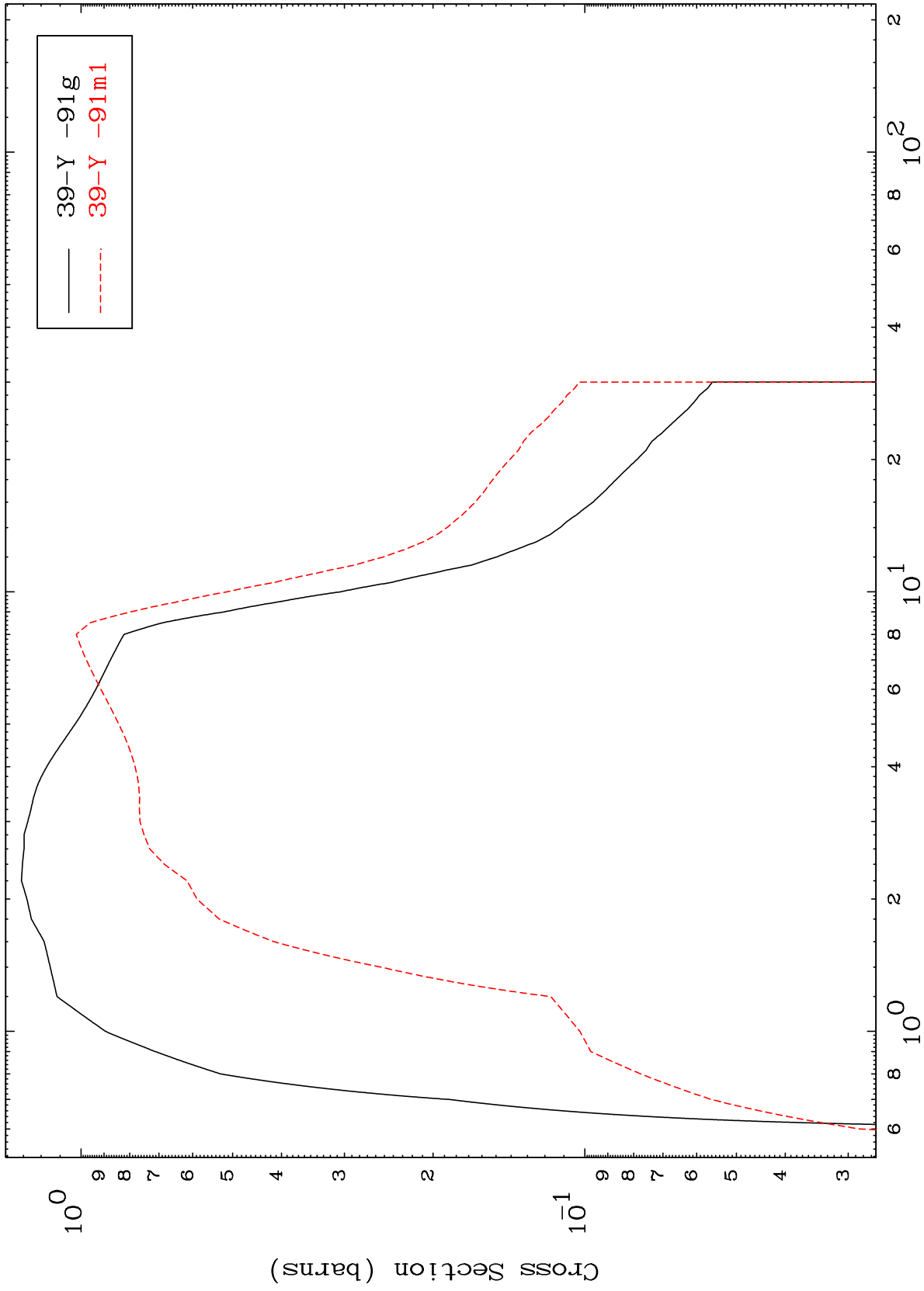


129 39-Y -91

MAT 3931

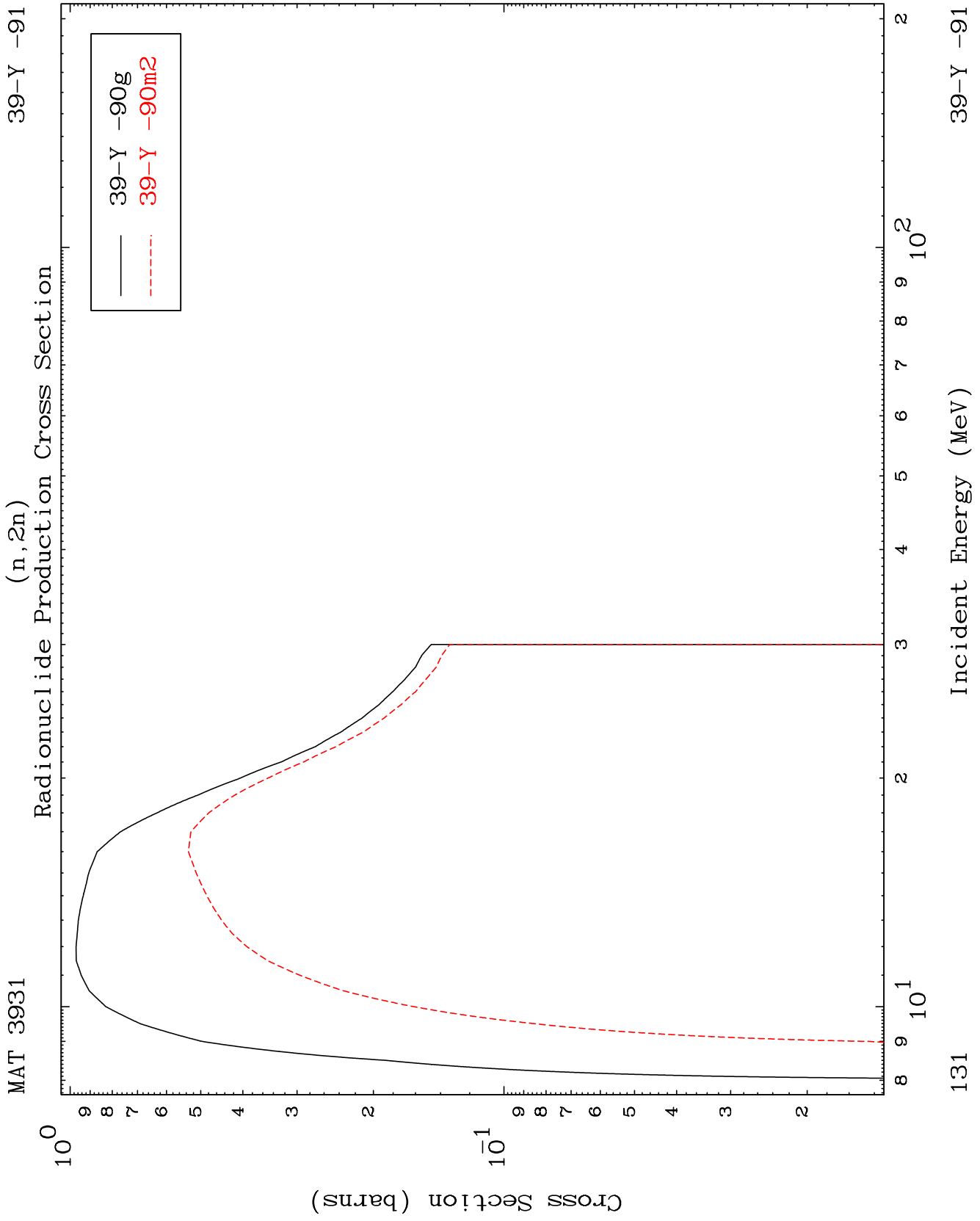
39-Y -91

Inelastic Radionuclide Production Cross Section



130

39-Y -91

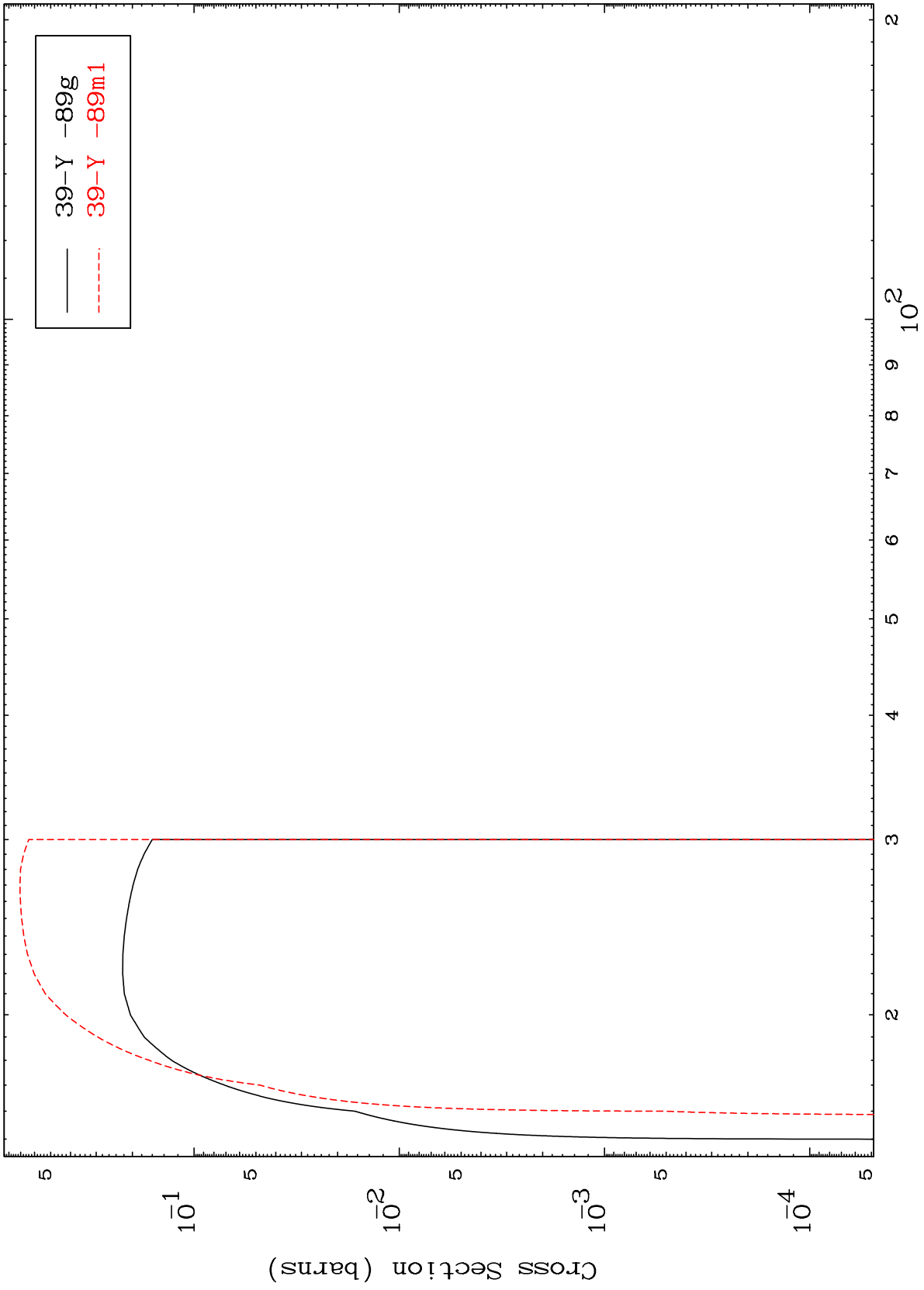


MAT 3931

(n,3n)

39-Y -91

Radionuclide Production Cross Section



132

Incident Energy (MeV)

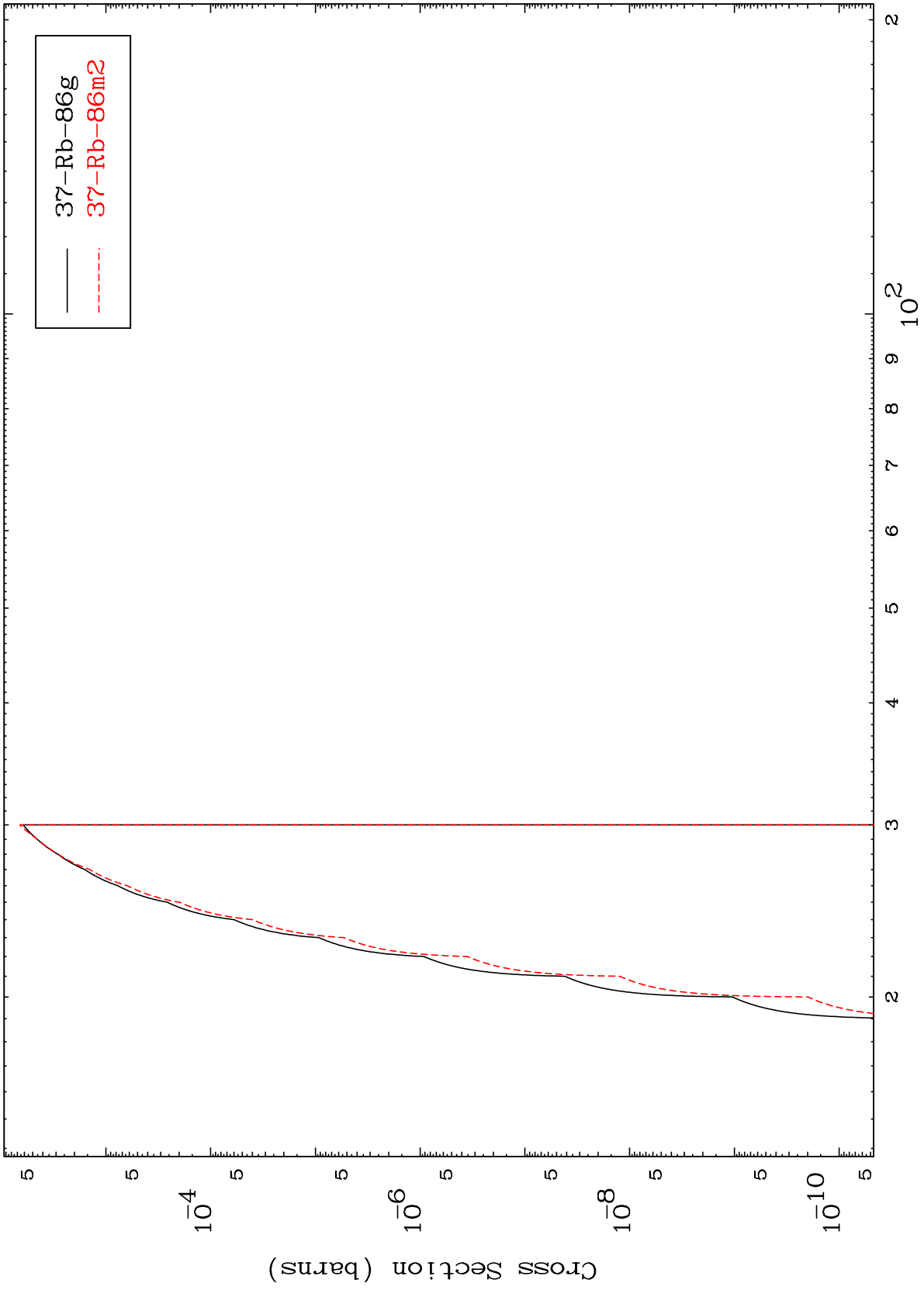
39-Y -91

MAT 3931

(n,2n) α

39-Y -91

Radionuclide Production Cross Section



133

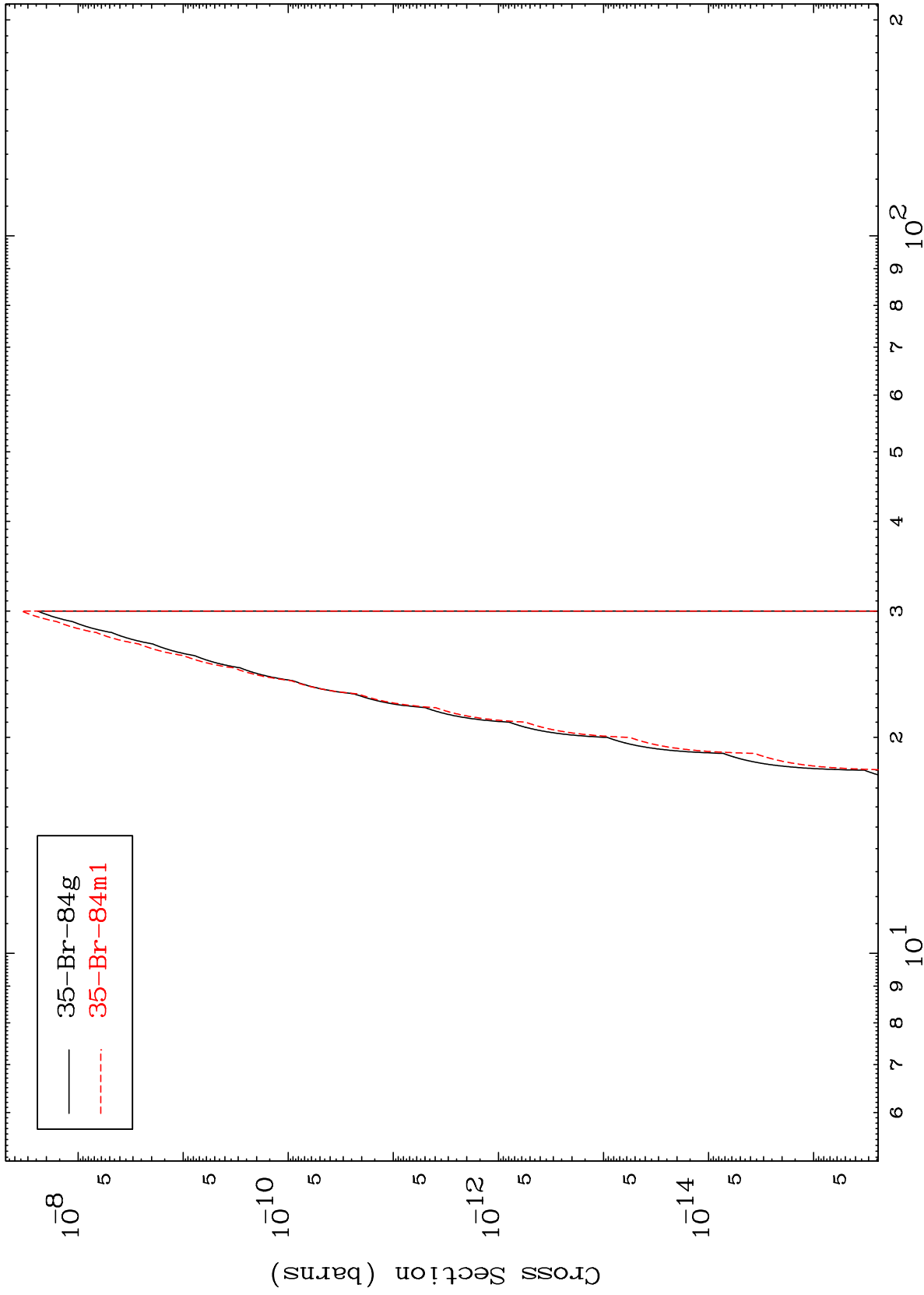
Incident Energy (MeV)

39-Y -91

MAT 3931

39-Y -91

Radionuclide Production Cross Section
(n,2α)



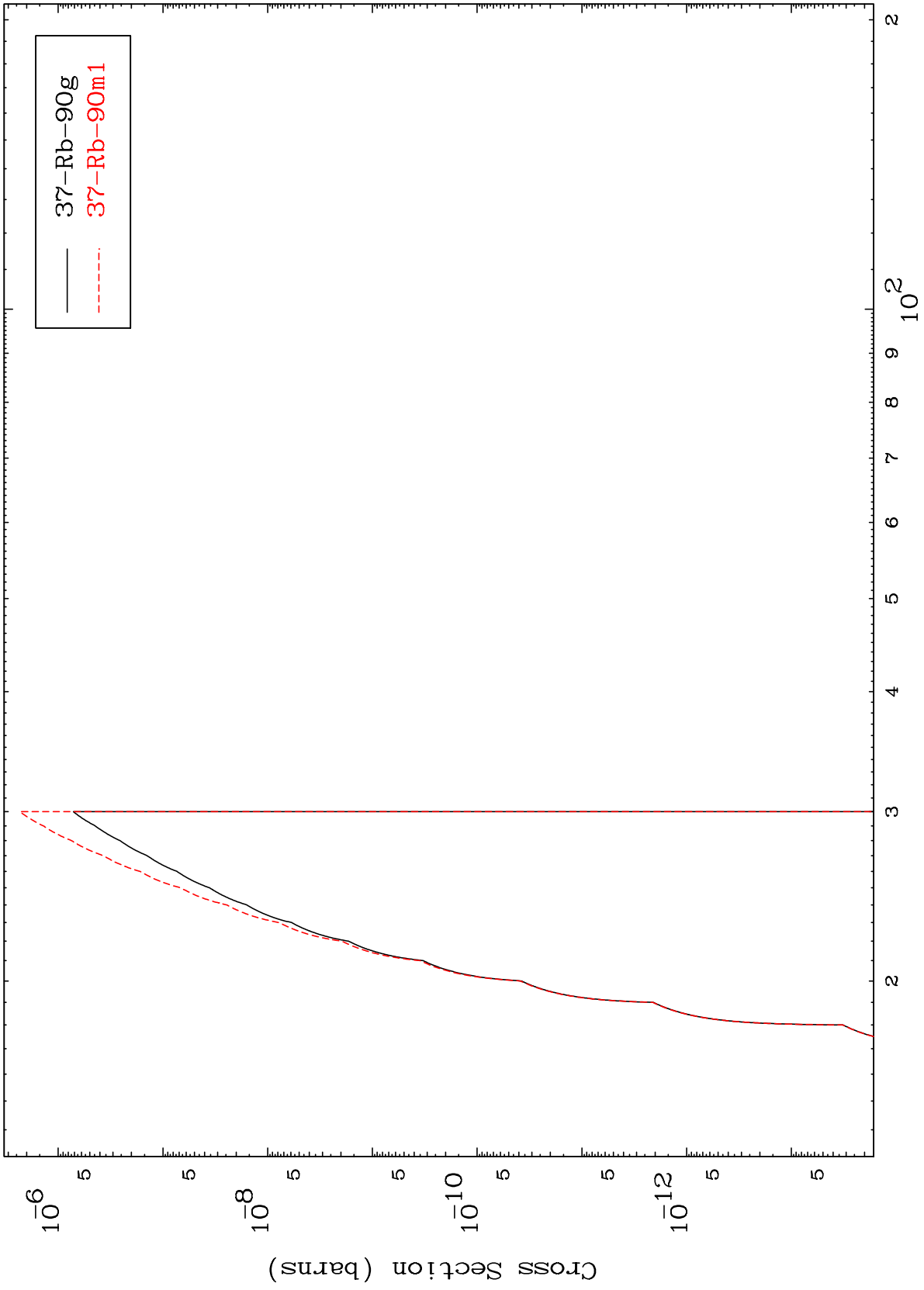
134

39-Y -91

MAT 3931

39-Y -91

(n,2p)
Radionuclide Production Cross Section



135

39-Y -91