

Program EVALPLOT
(Version 2018-1)

by

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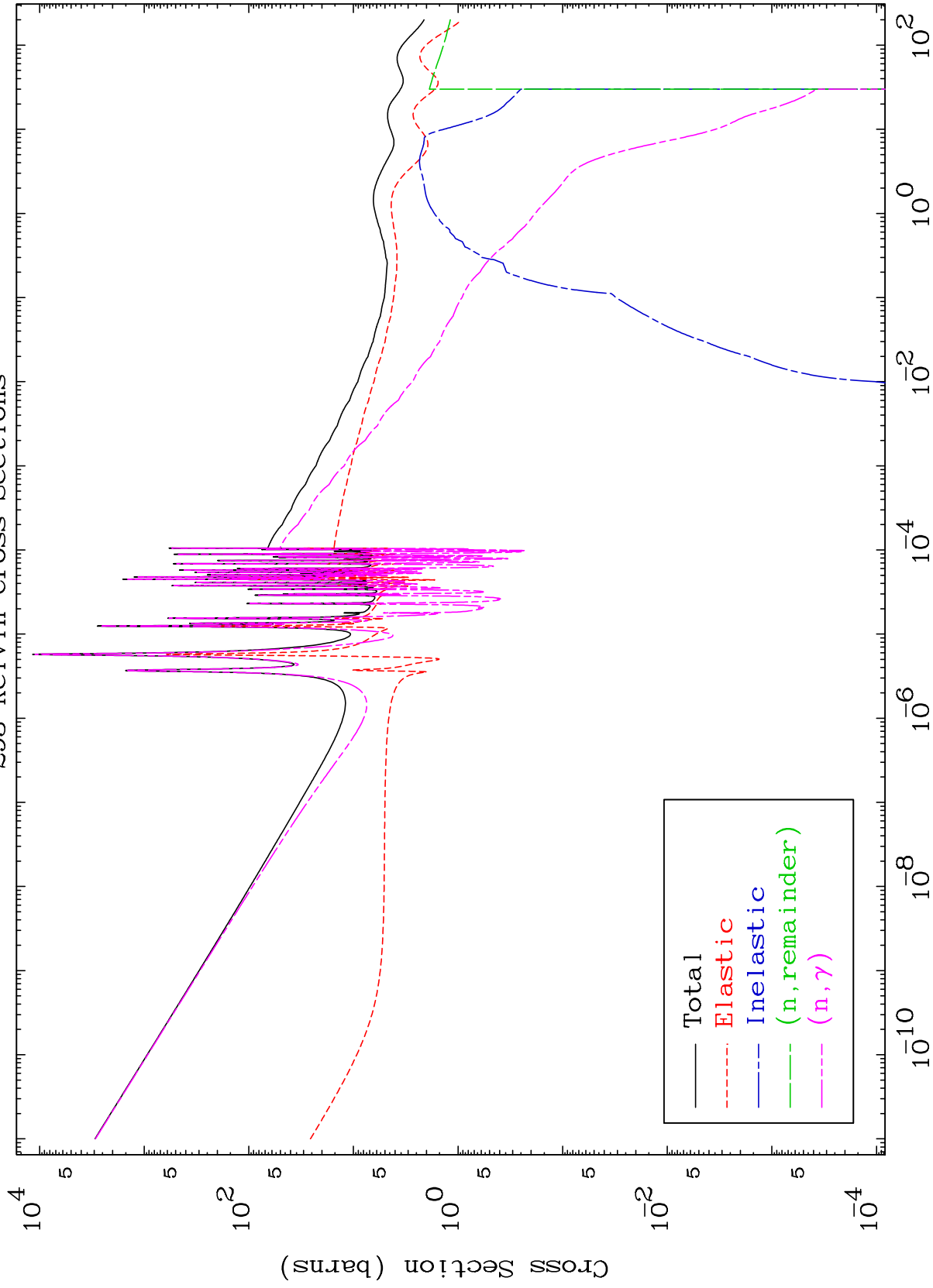
Press Mouse Button to Start

MAT 5622

Major

293 Kelvin Cross Sections

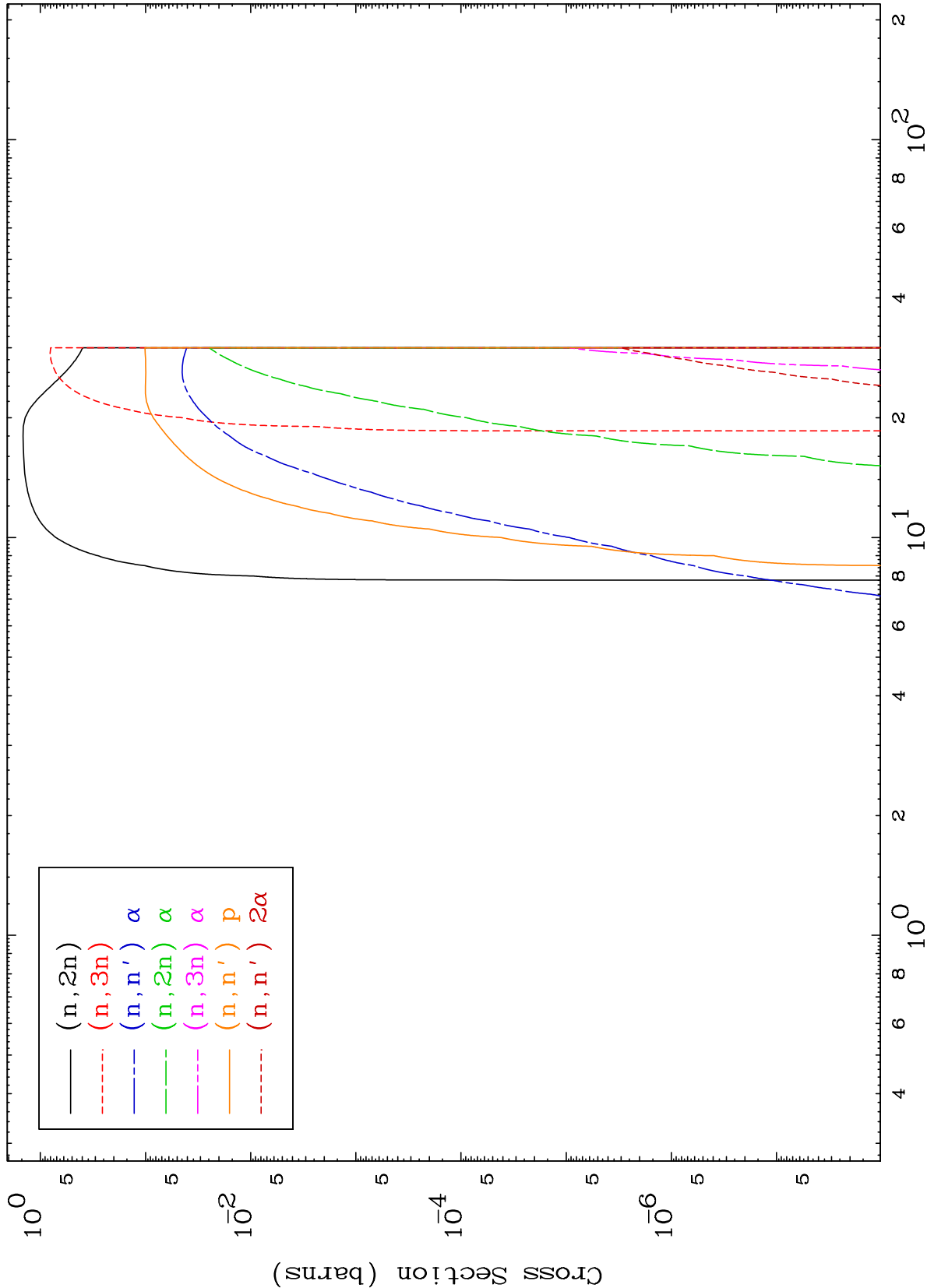
56-Ba-129



MAT 5622

Neutron Production
293 Kelvin Cross Sections

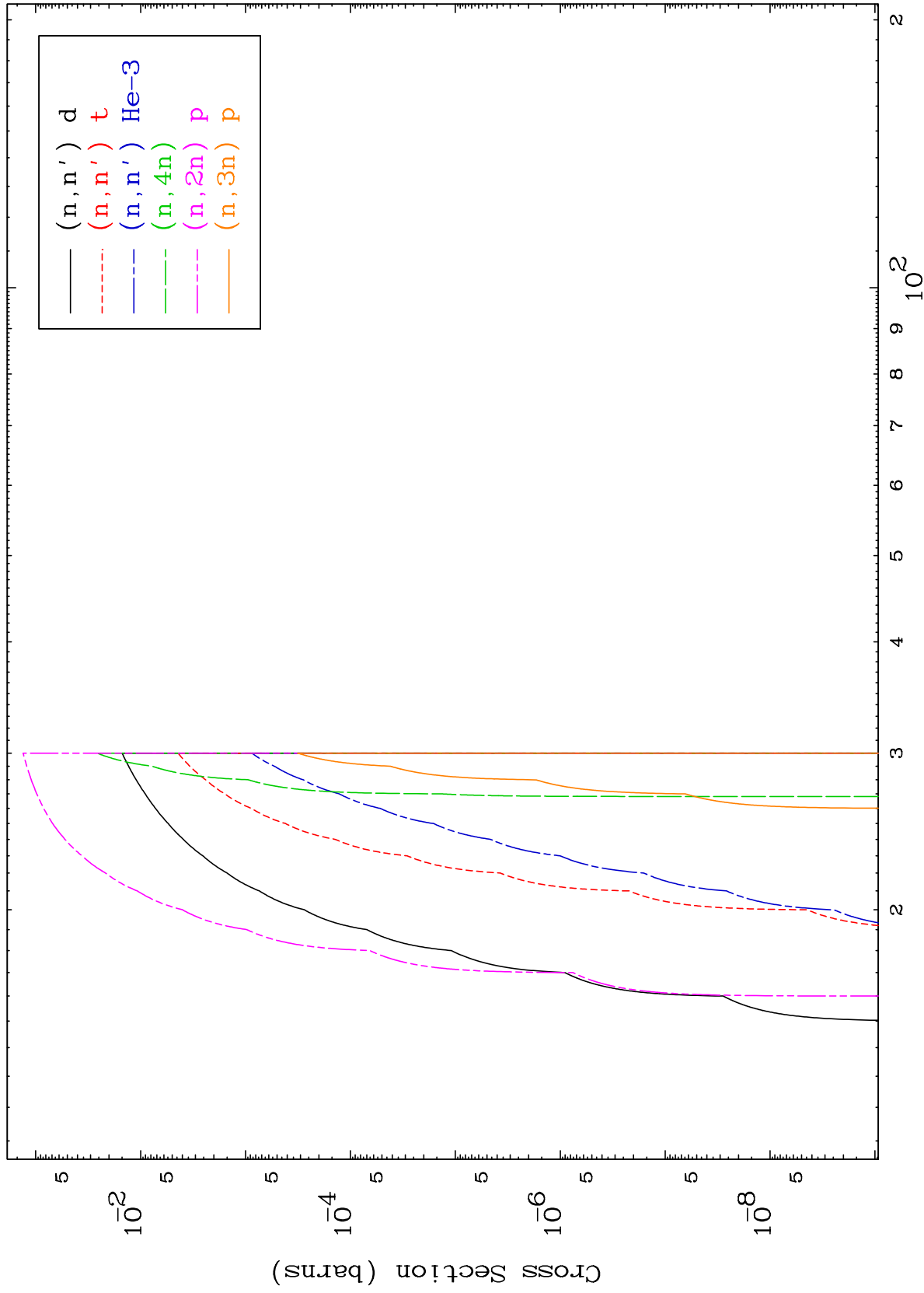
56-Ba-129

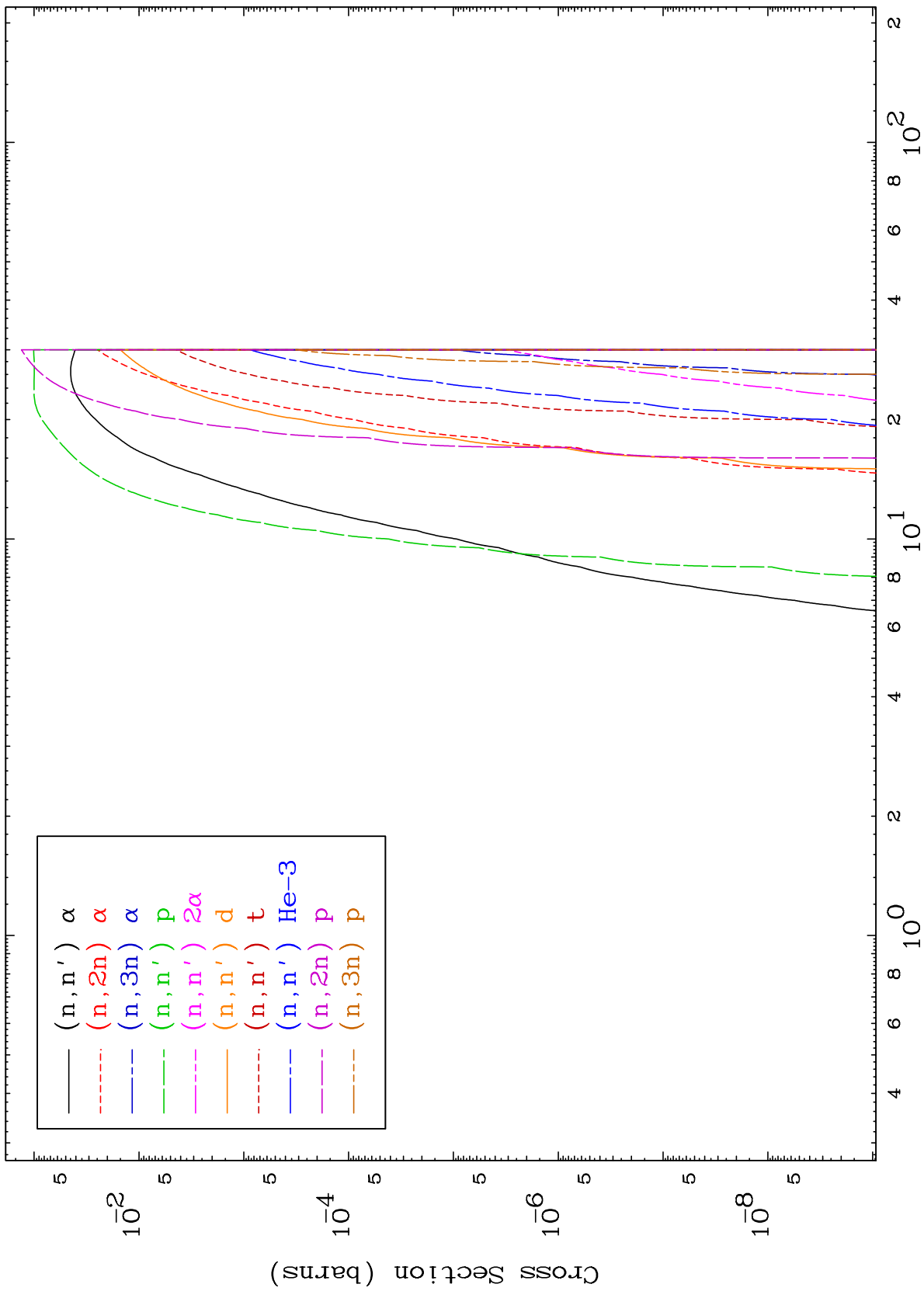


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Incident Energy (MeV)

56-Ba-129

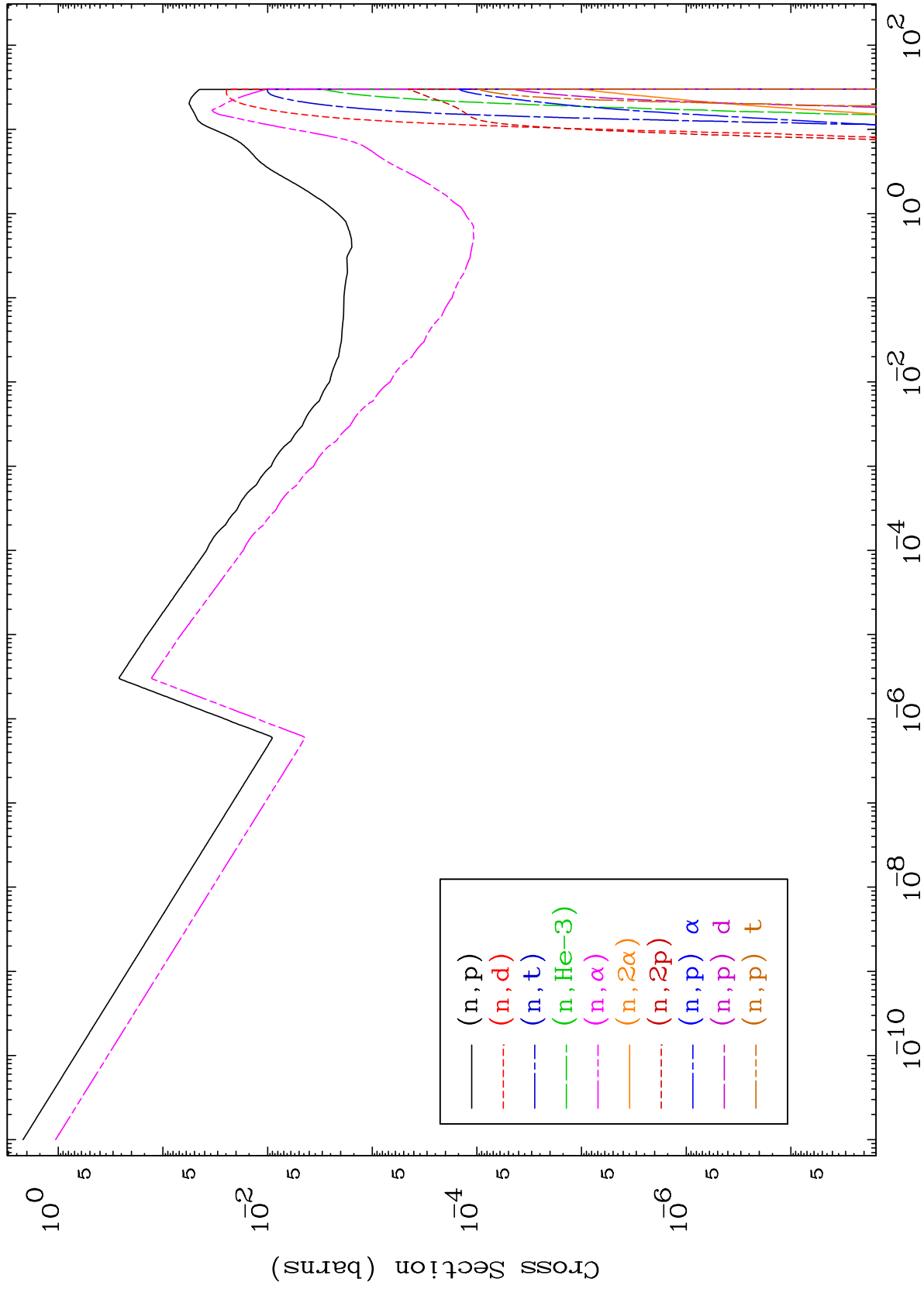




MAT 5622

Charged Particle
293 Kelvin Cross Sections

56-Ba-129



5

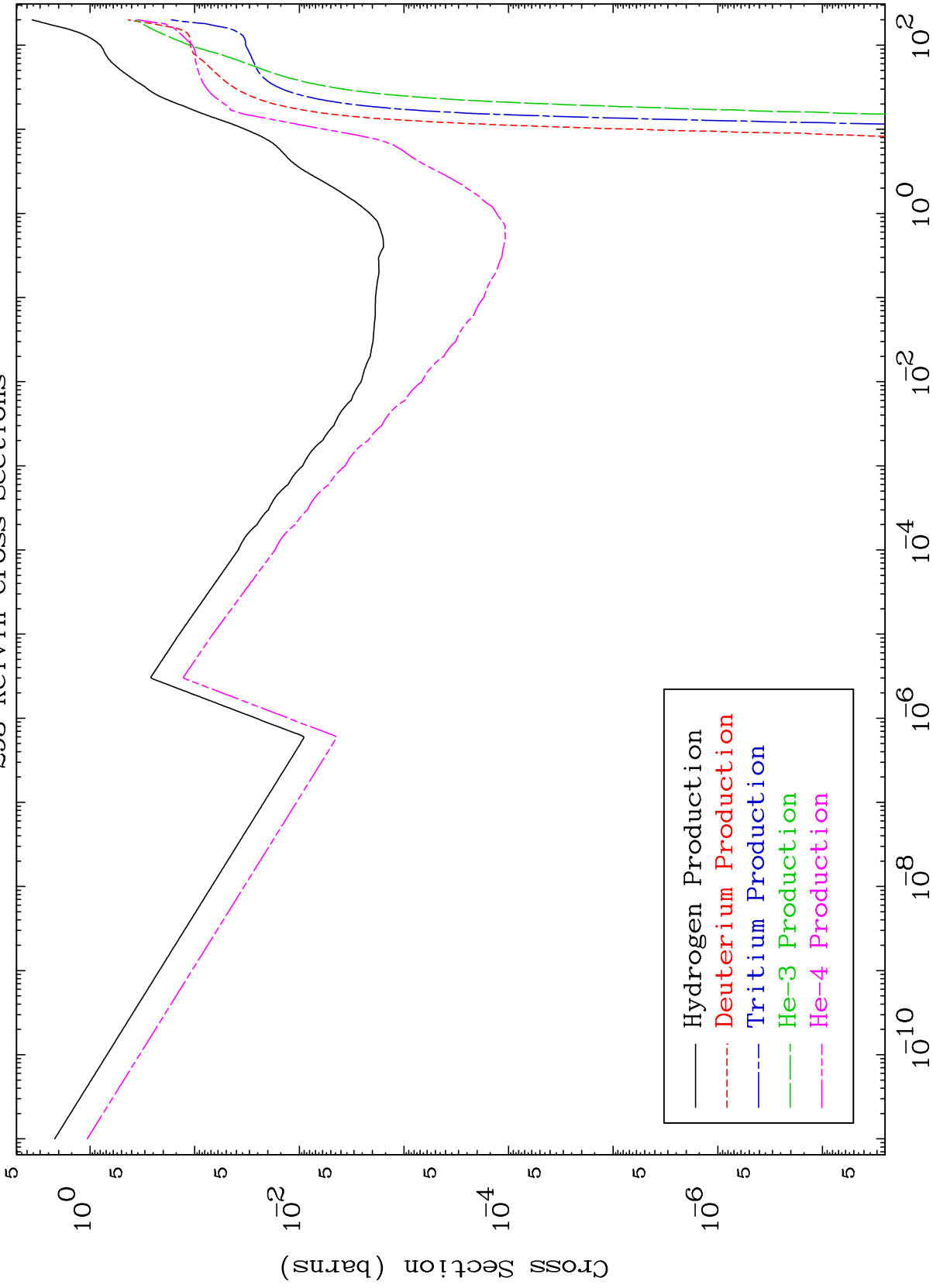
Incident Energy (MeV)

56-Ba-129

MAT 5622

Particle Production
293 Kelvin Cross Sections

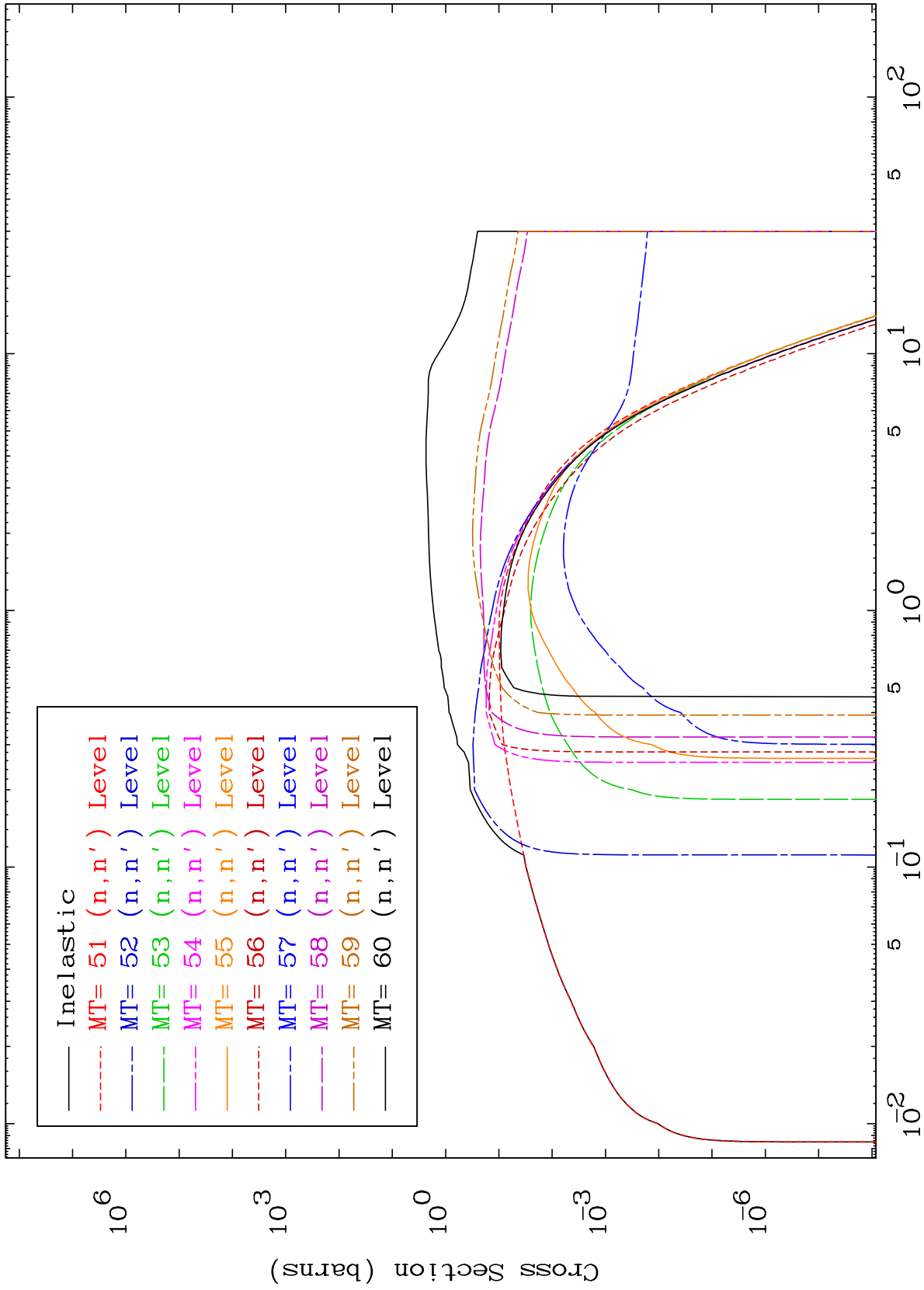
56-Ba-129



MAT 5622

(n,n') Level
293 Kelvin Cross Sections

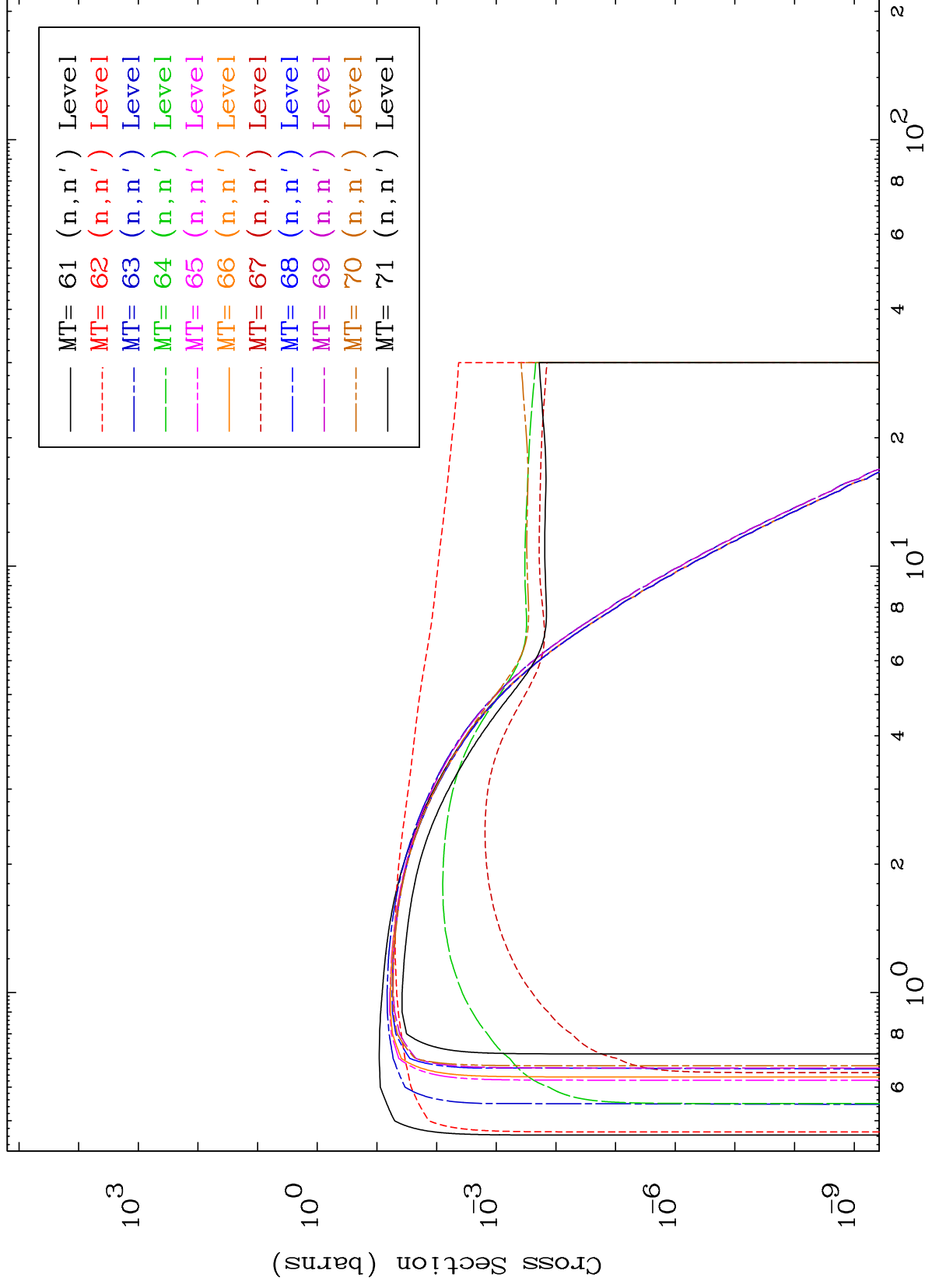
56-Ba-129

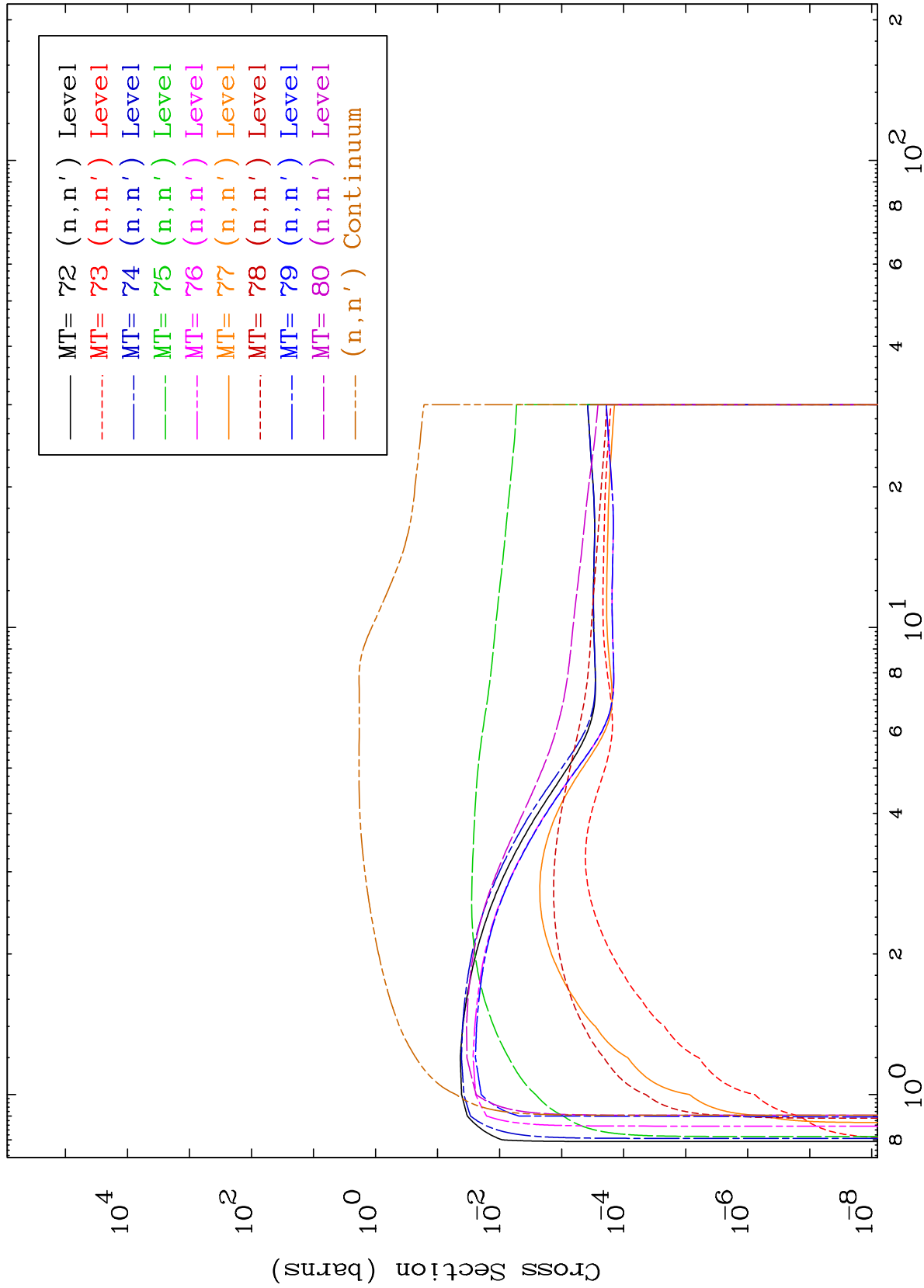


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Incident Energy (MeV)

56-Ba-129

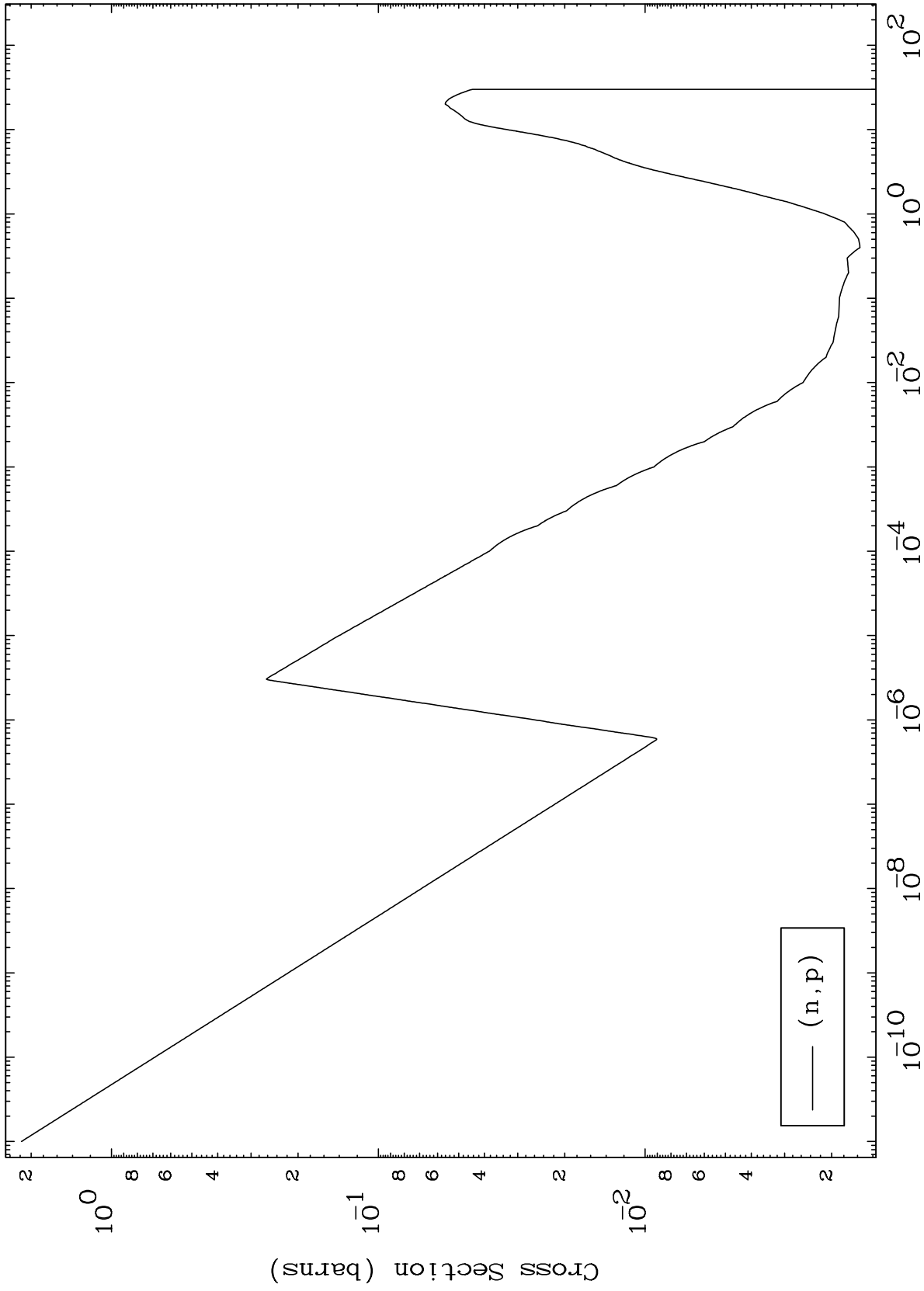




MAT 5622

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-129



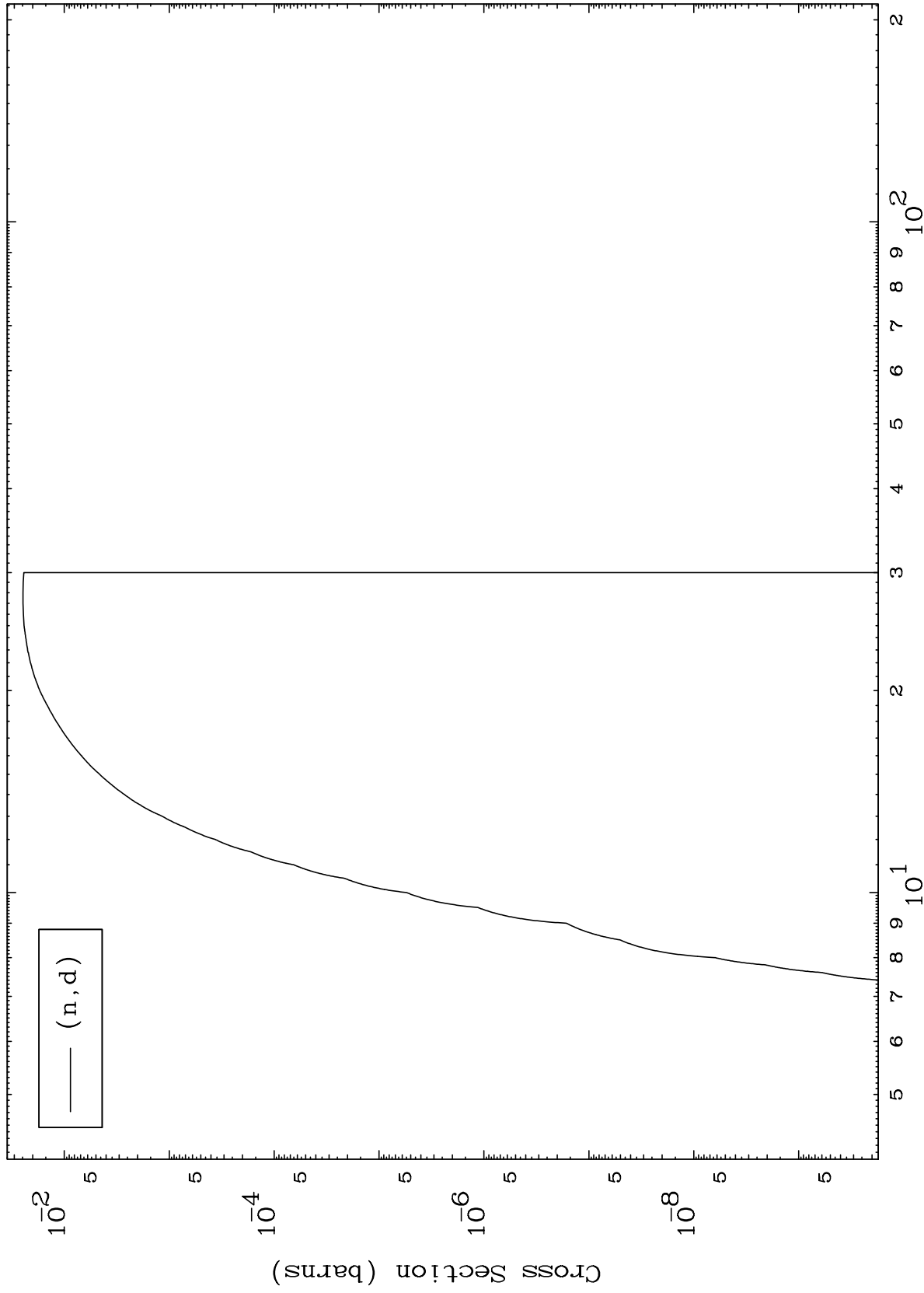
Incident Energy (MeV)

56-Ba-129

MAT 5622

56-Ba-129

(n,d) Levels
293 Kelvin Cross Sections



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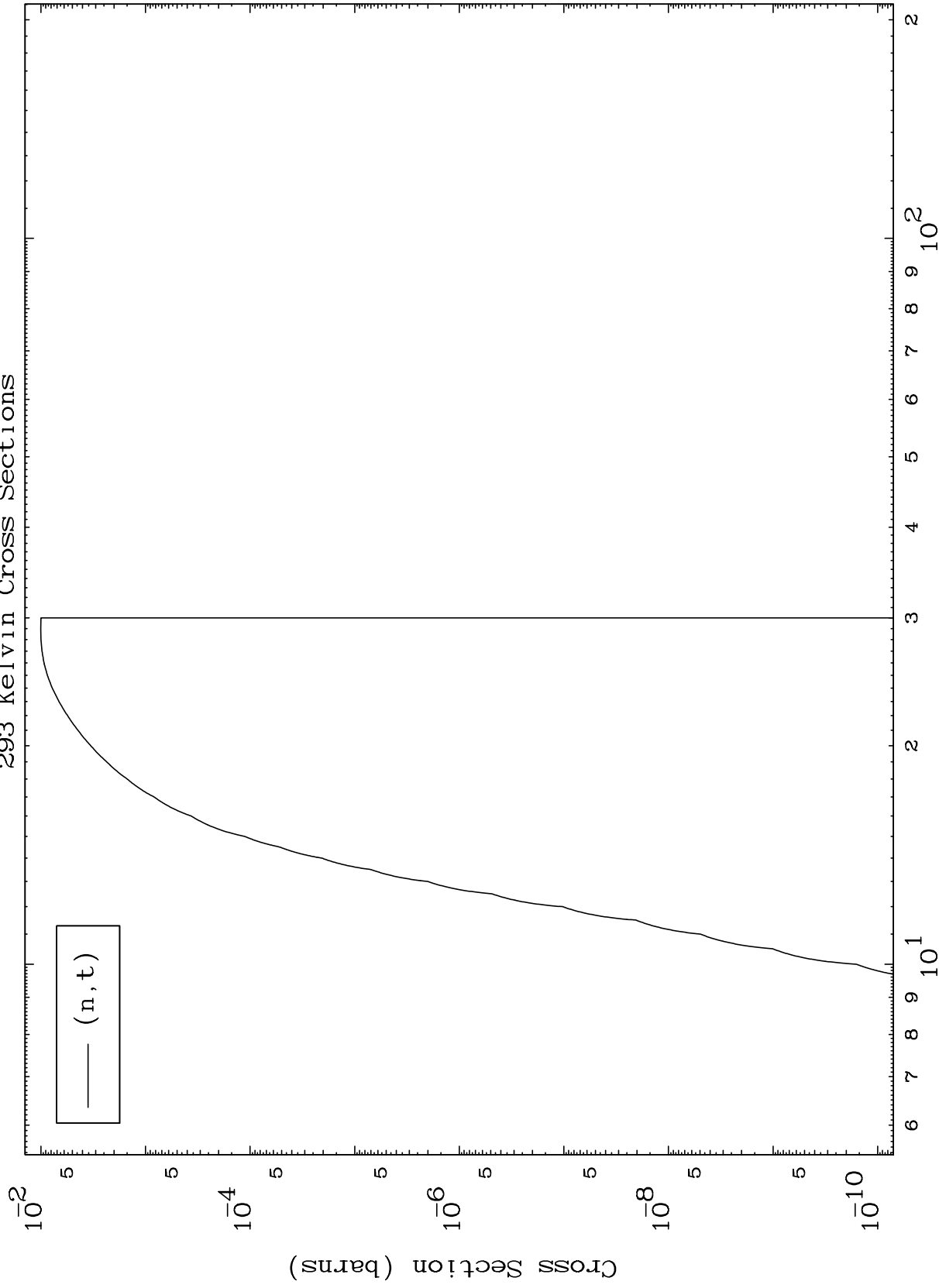
Incident Energy (MeV)

56-Ba-129

MAT 5622

56-Ba-129

(n,t) Levels
293 Kelvin Cross Sections



12

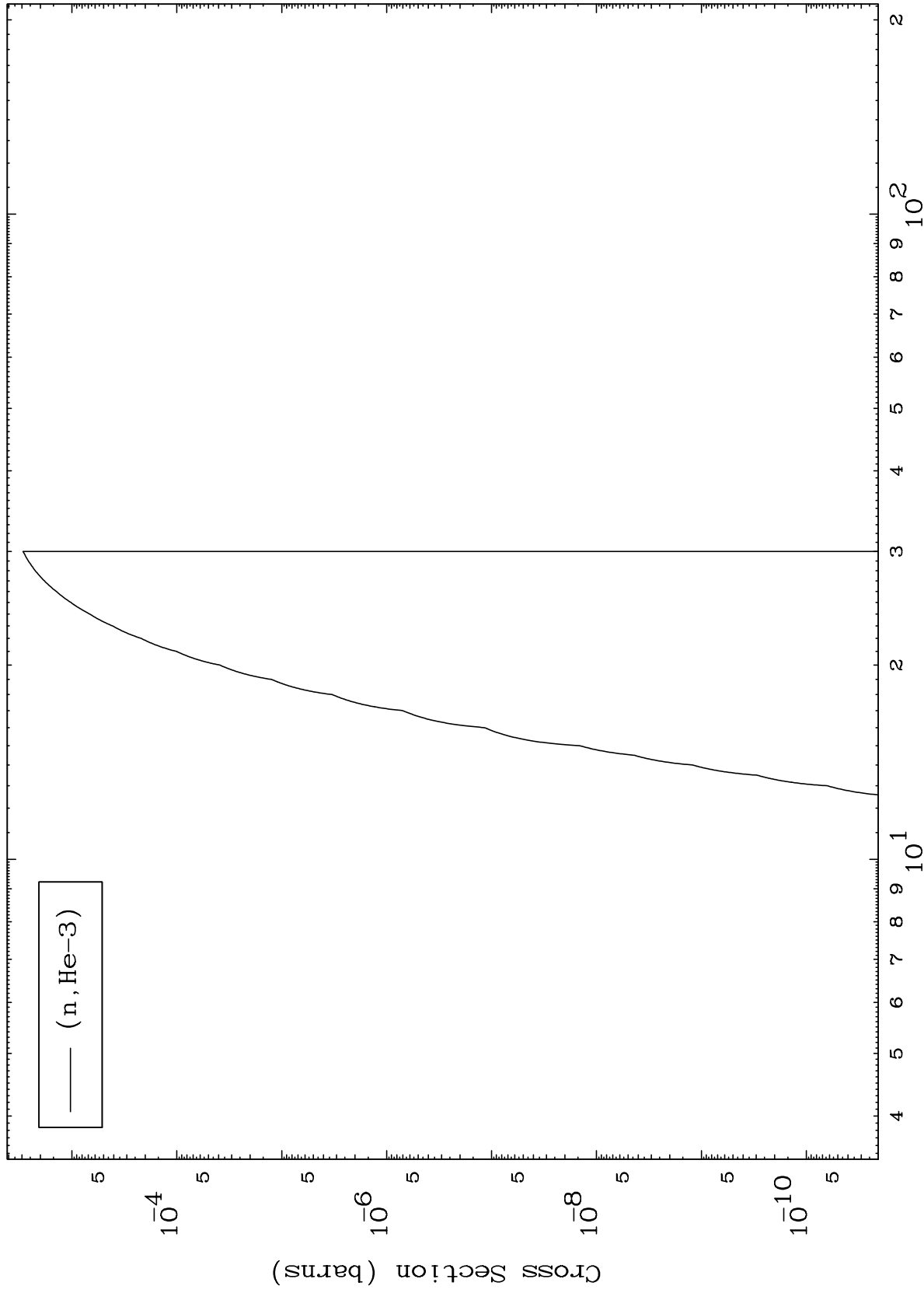
Incident Energy (MeV)

56-Ba-129

MAT 5622

56-Ba-129

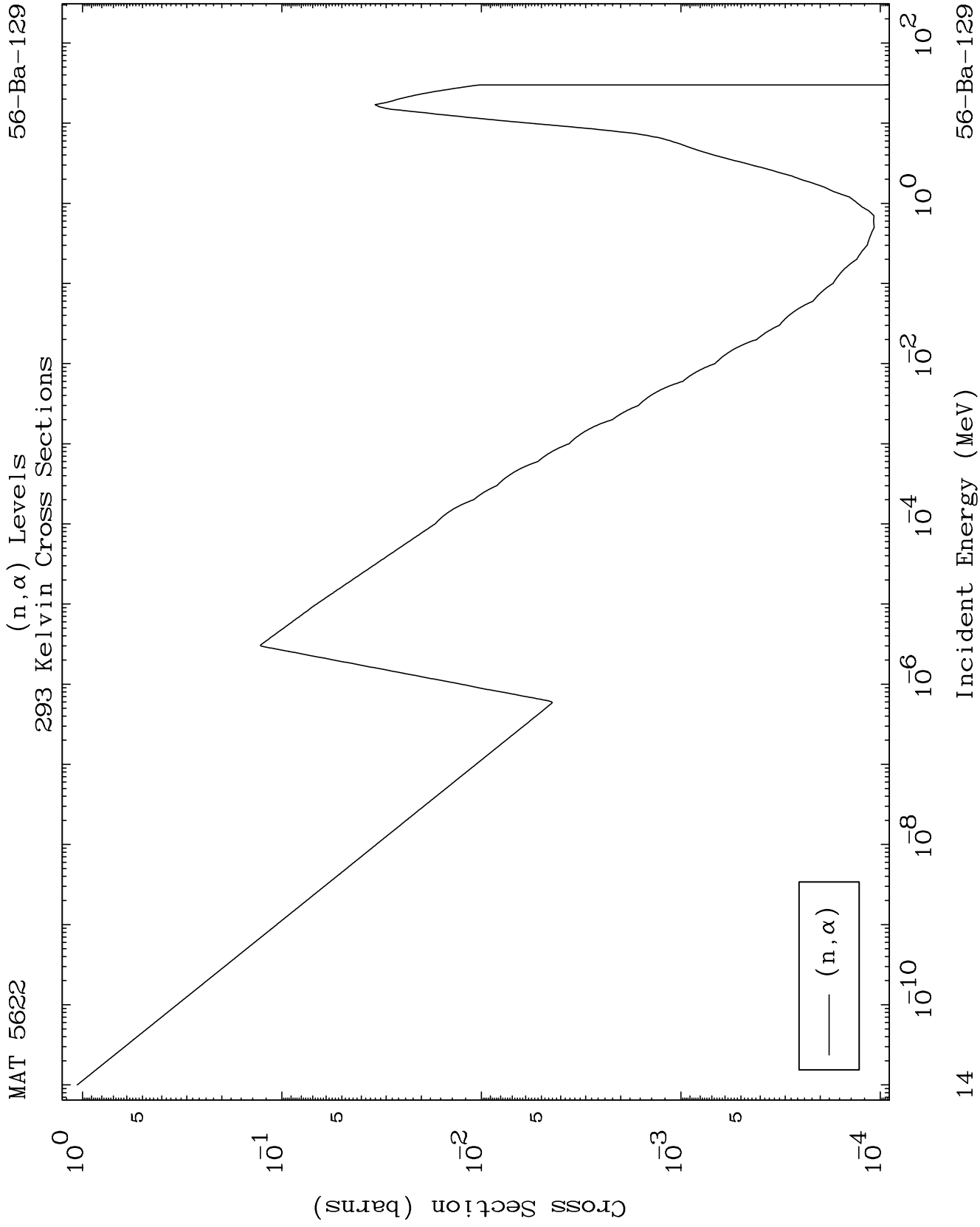
(n,He3) Levels
293 Kelvin Cross Sections

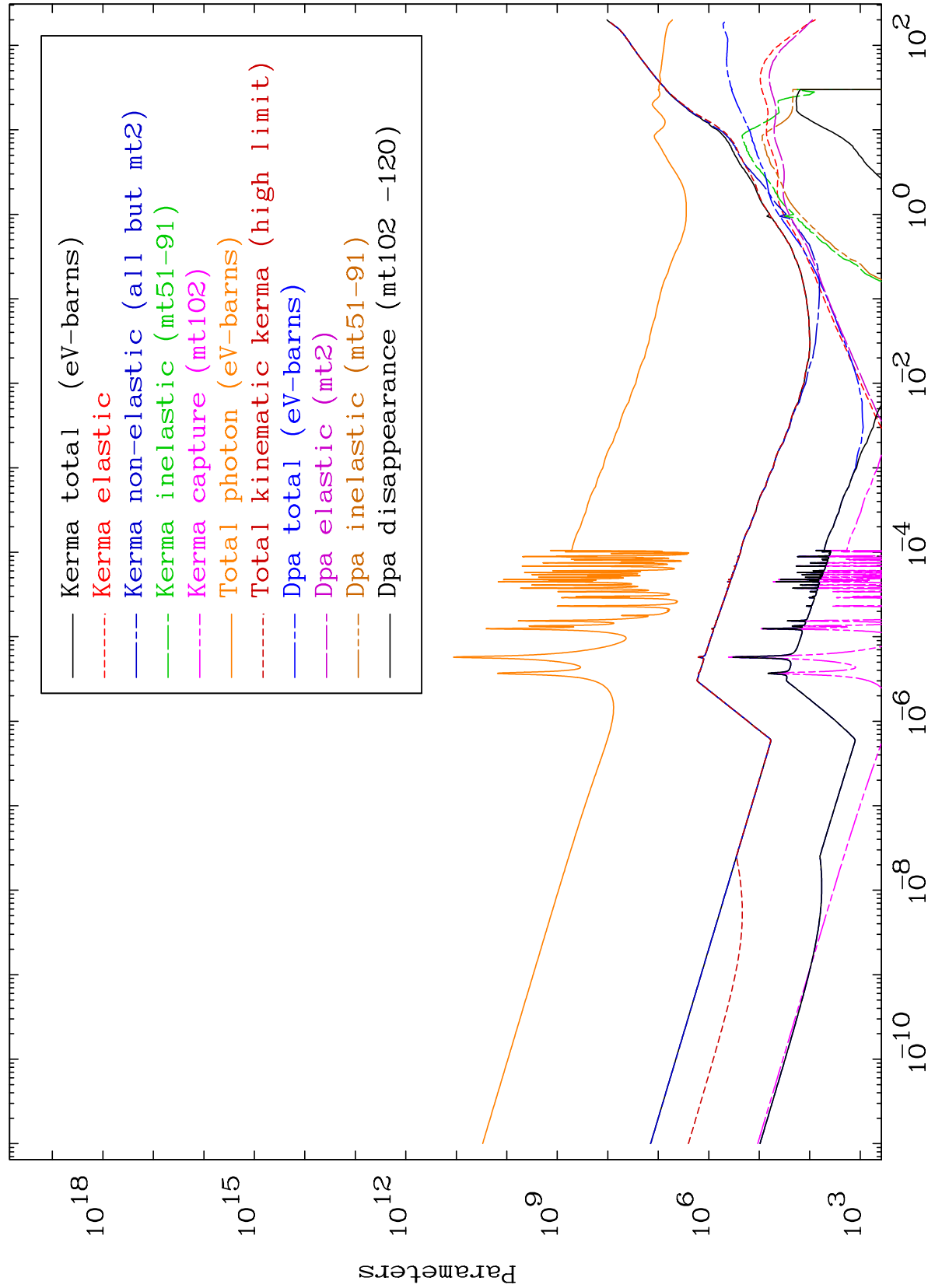


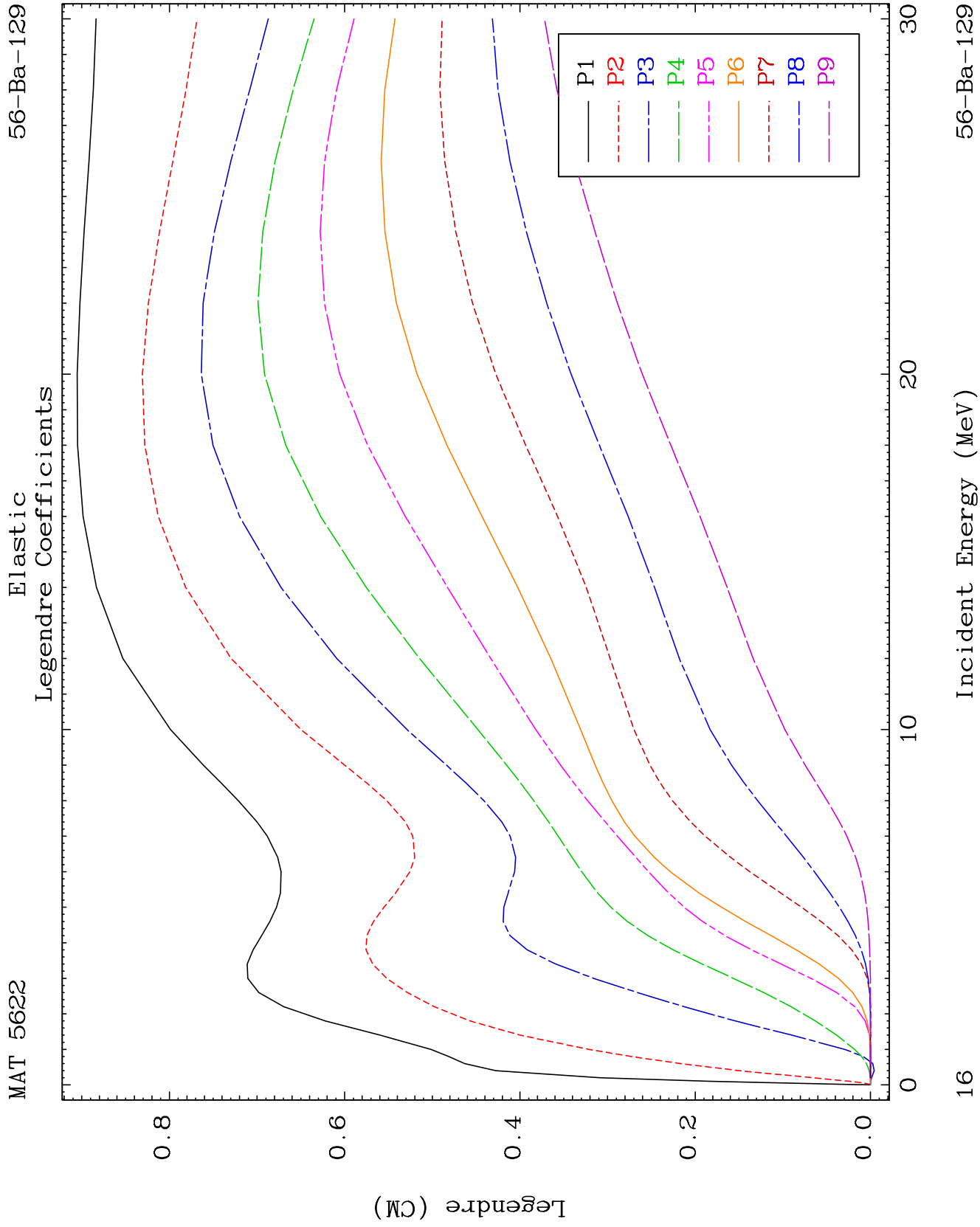
13

Incident Energy (MeV)

56-Ba-129

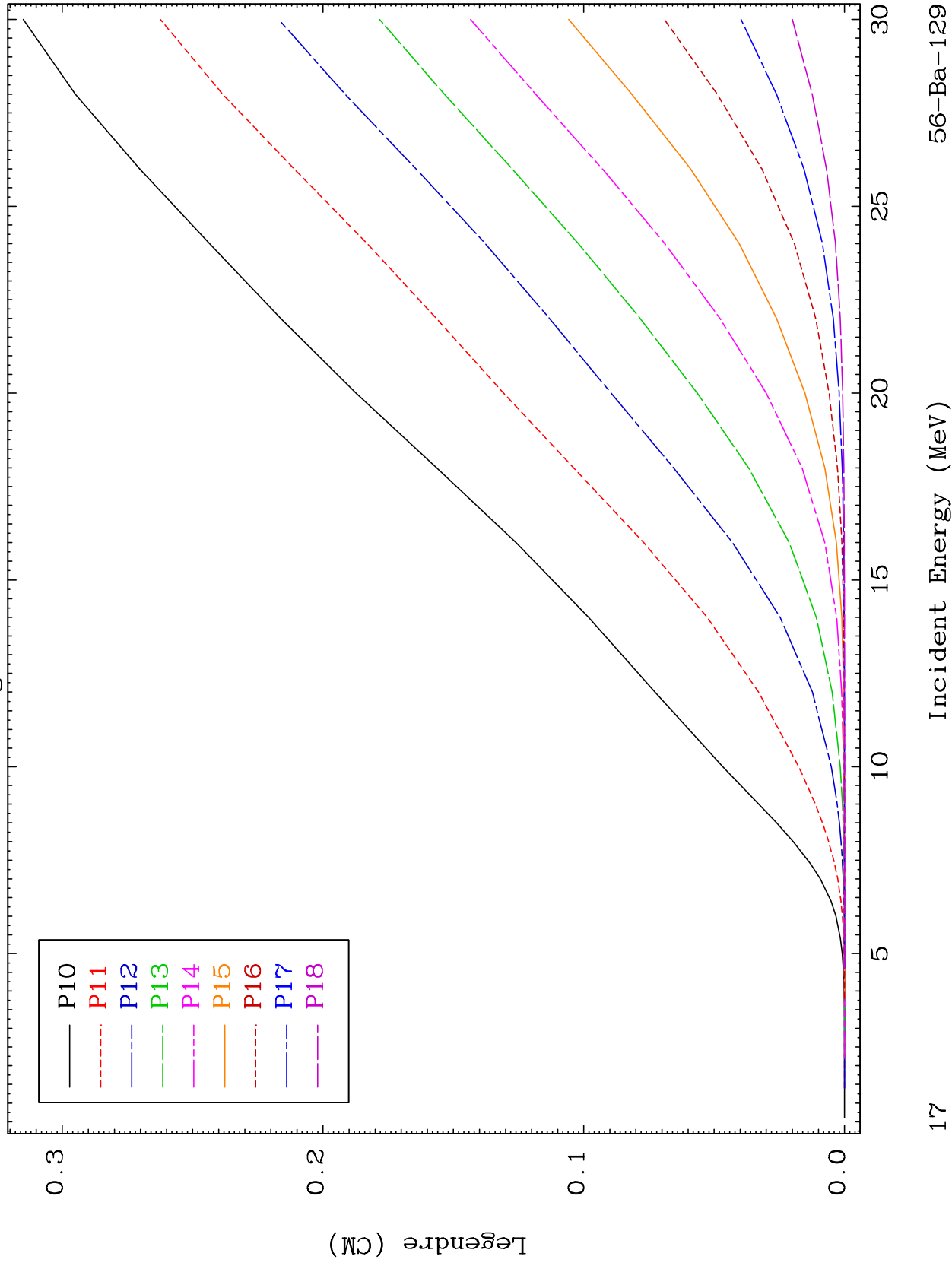


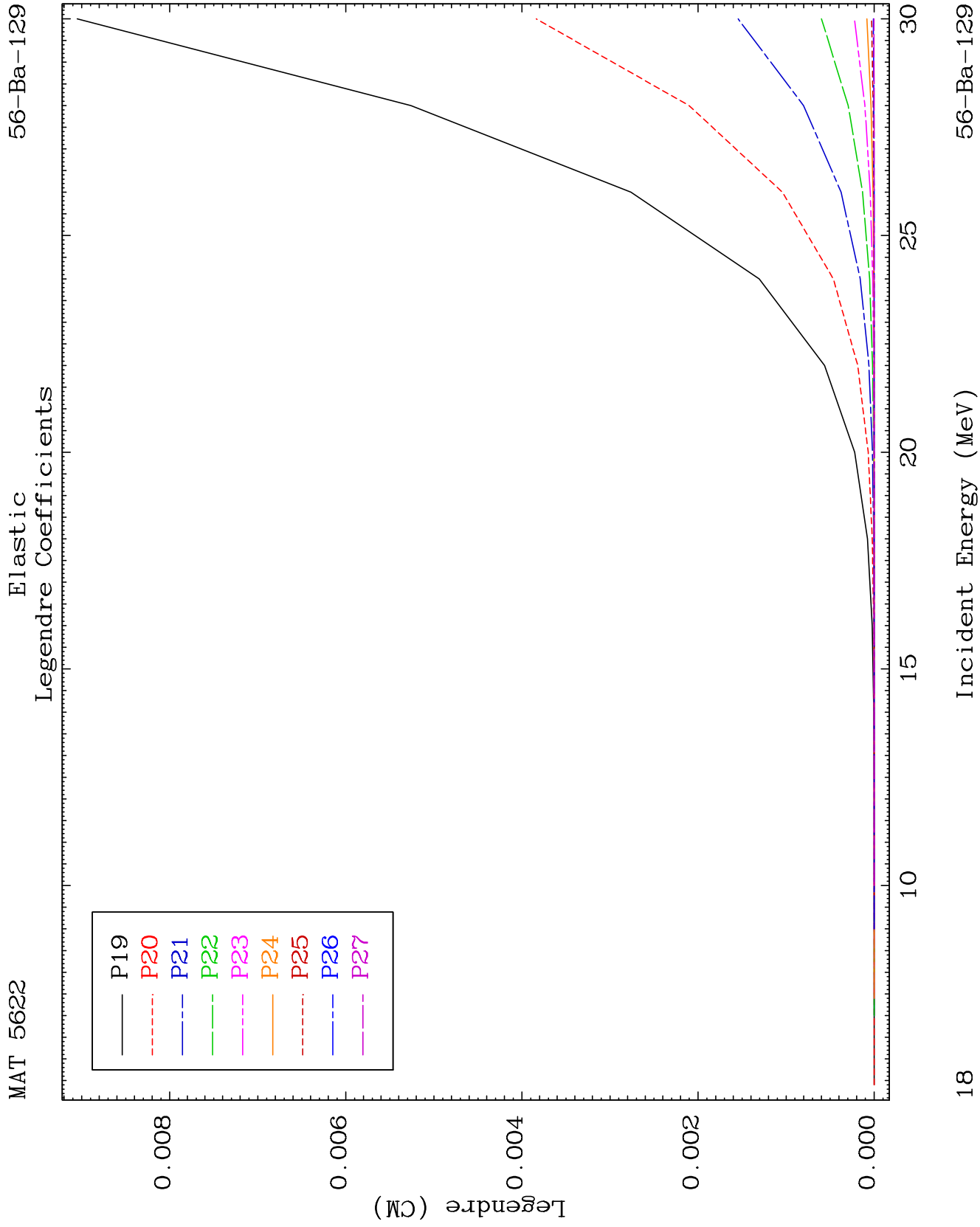


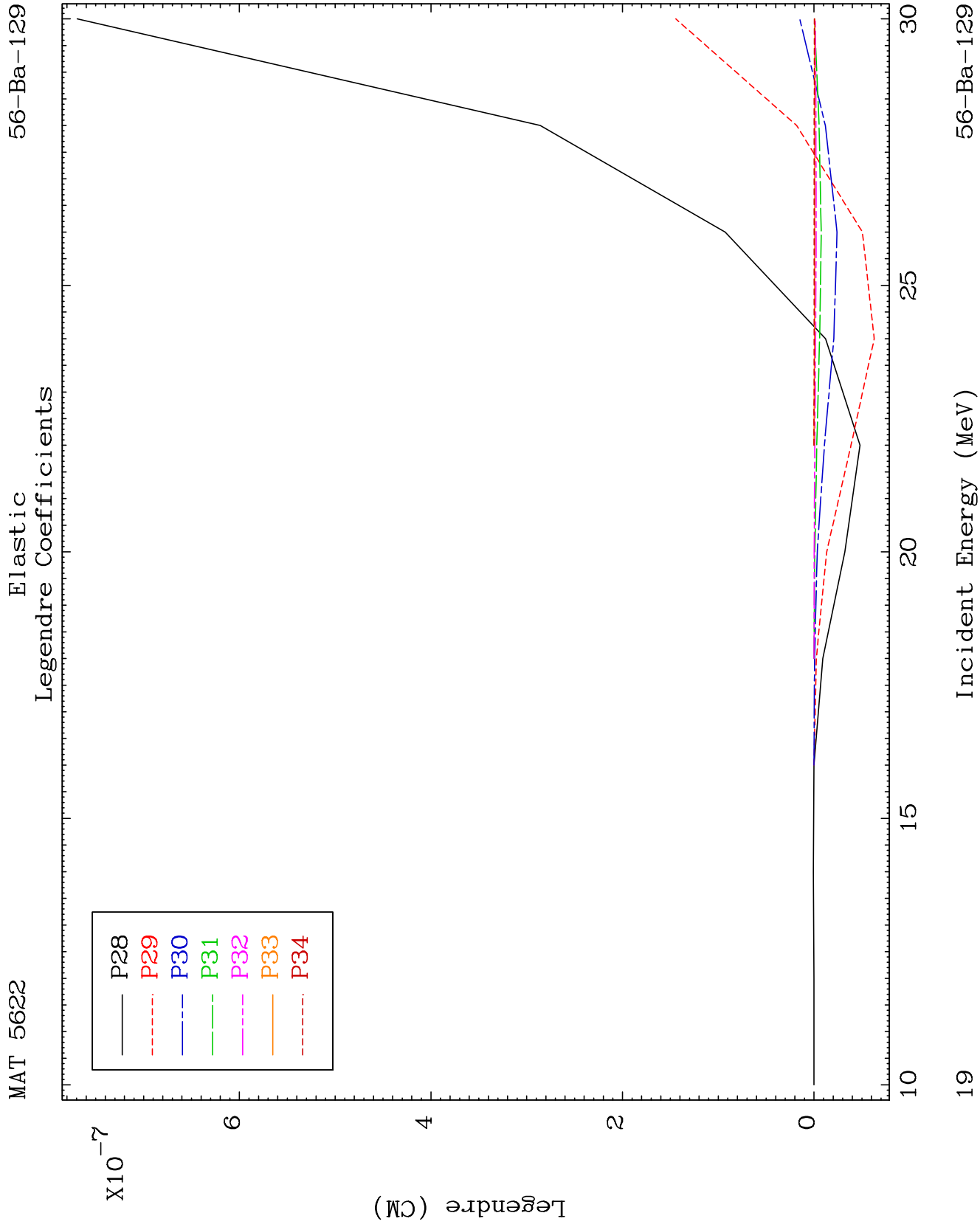


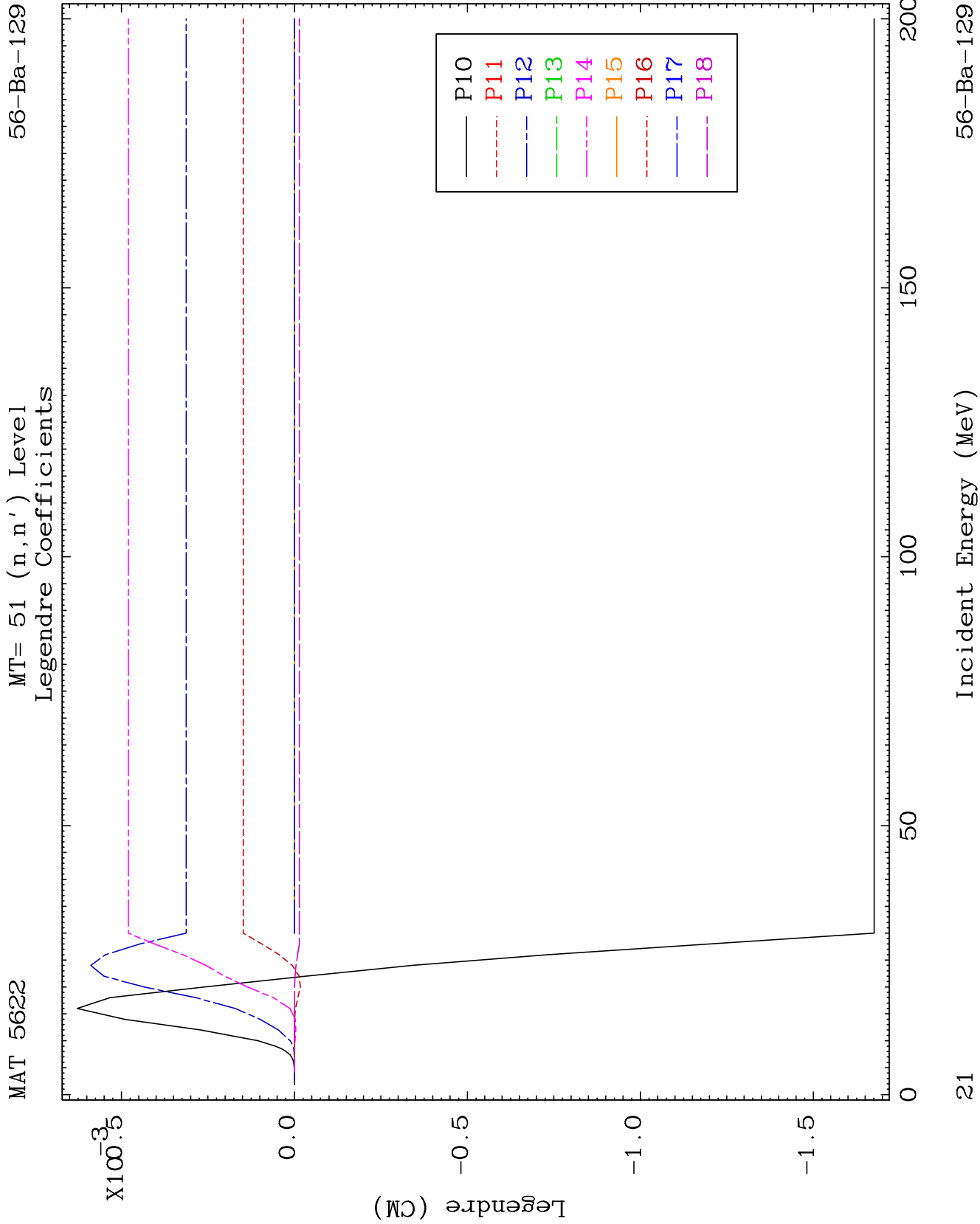
56-Ba-129

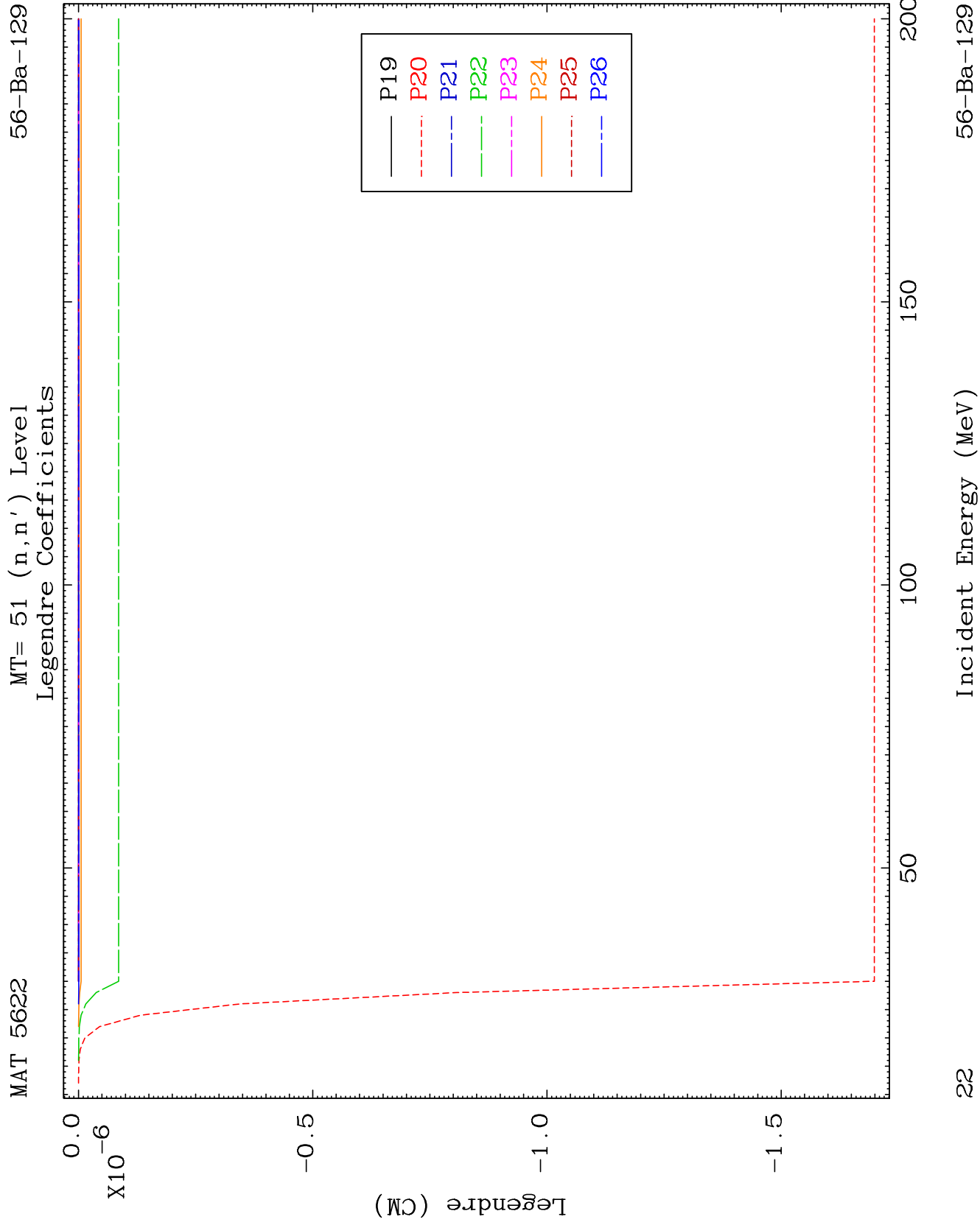
56-Ba-129







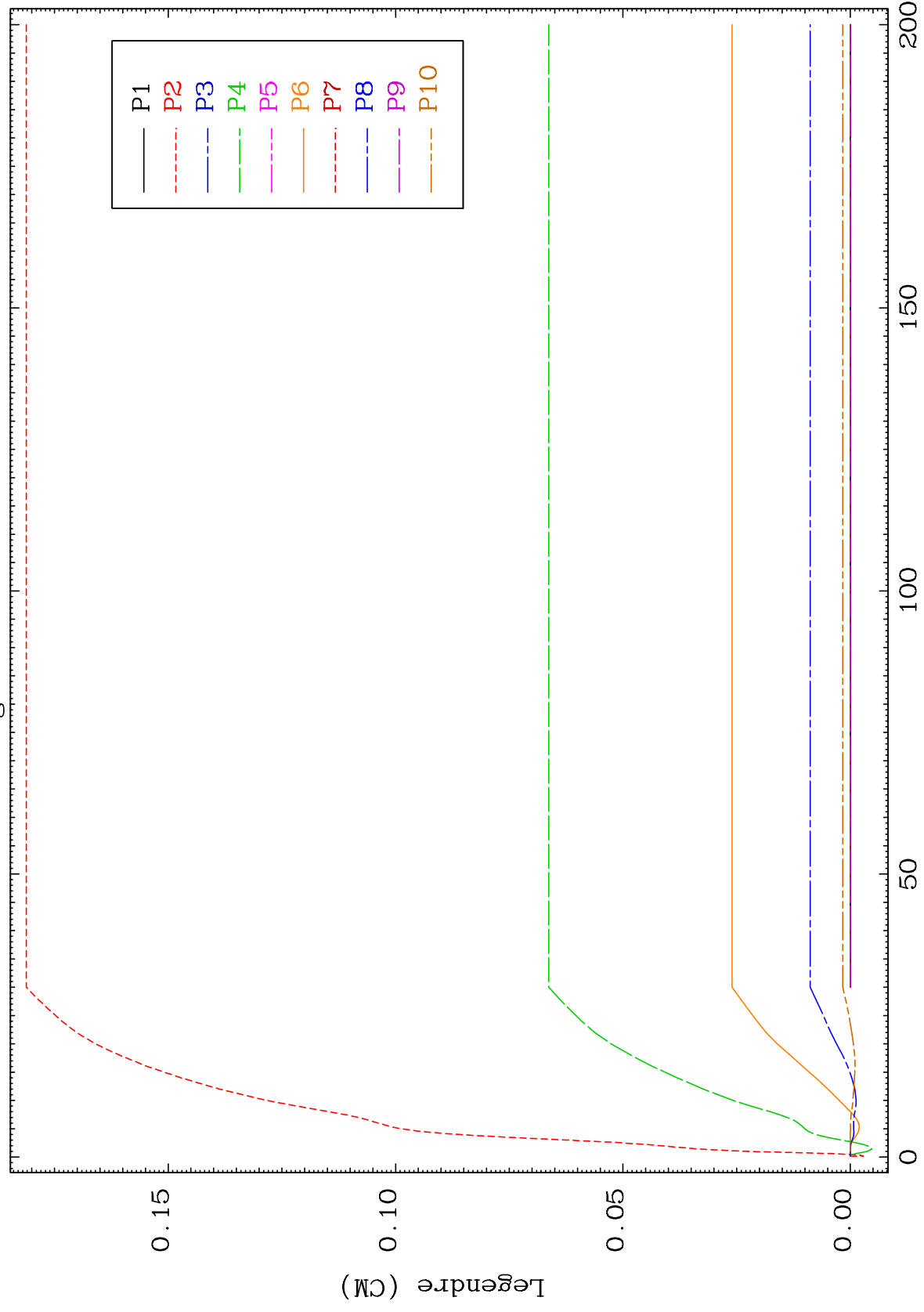




MAT 5622

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

56-Ba-129



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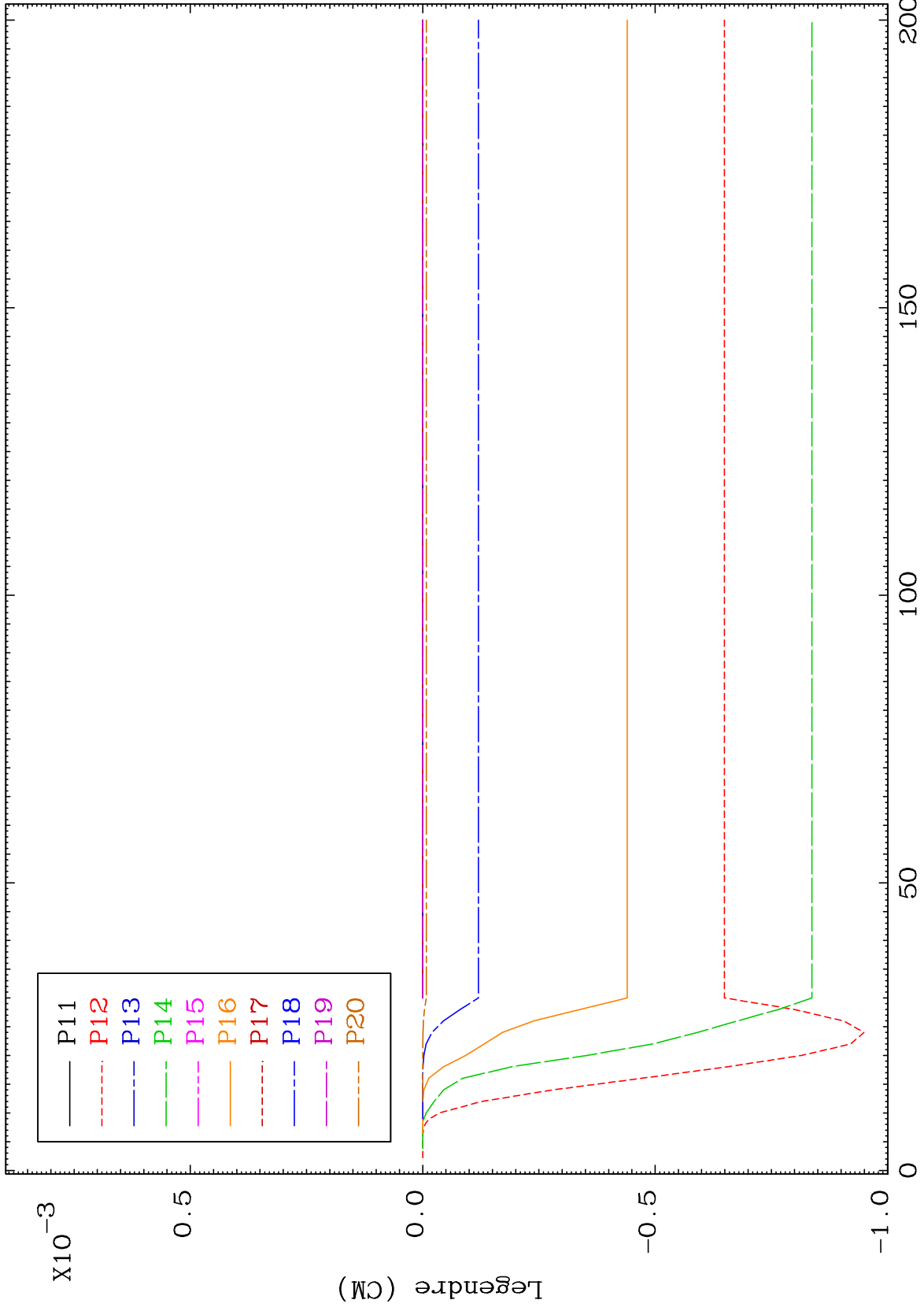
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

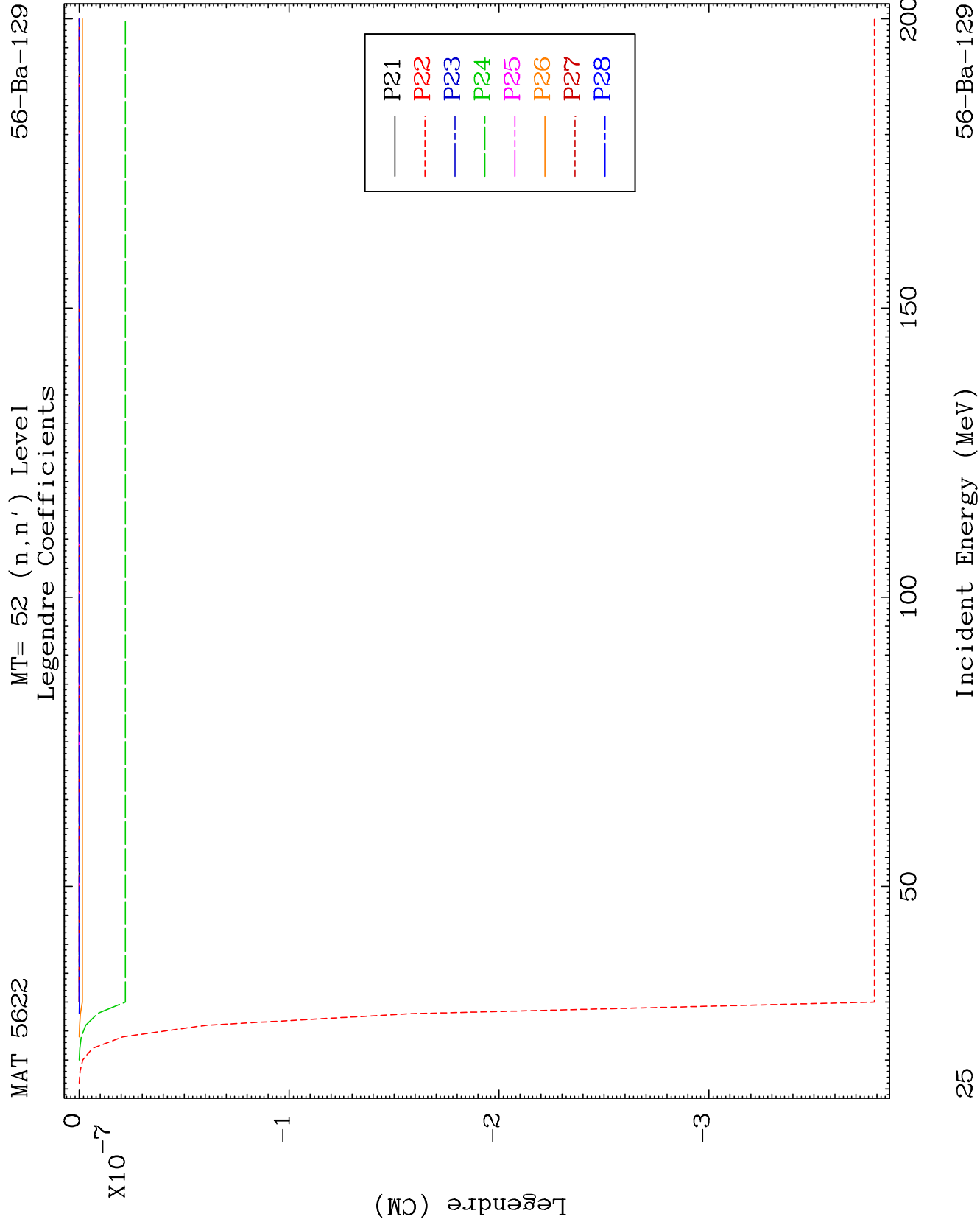
56-Ba-129

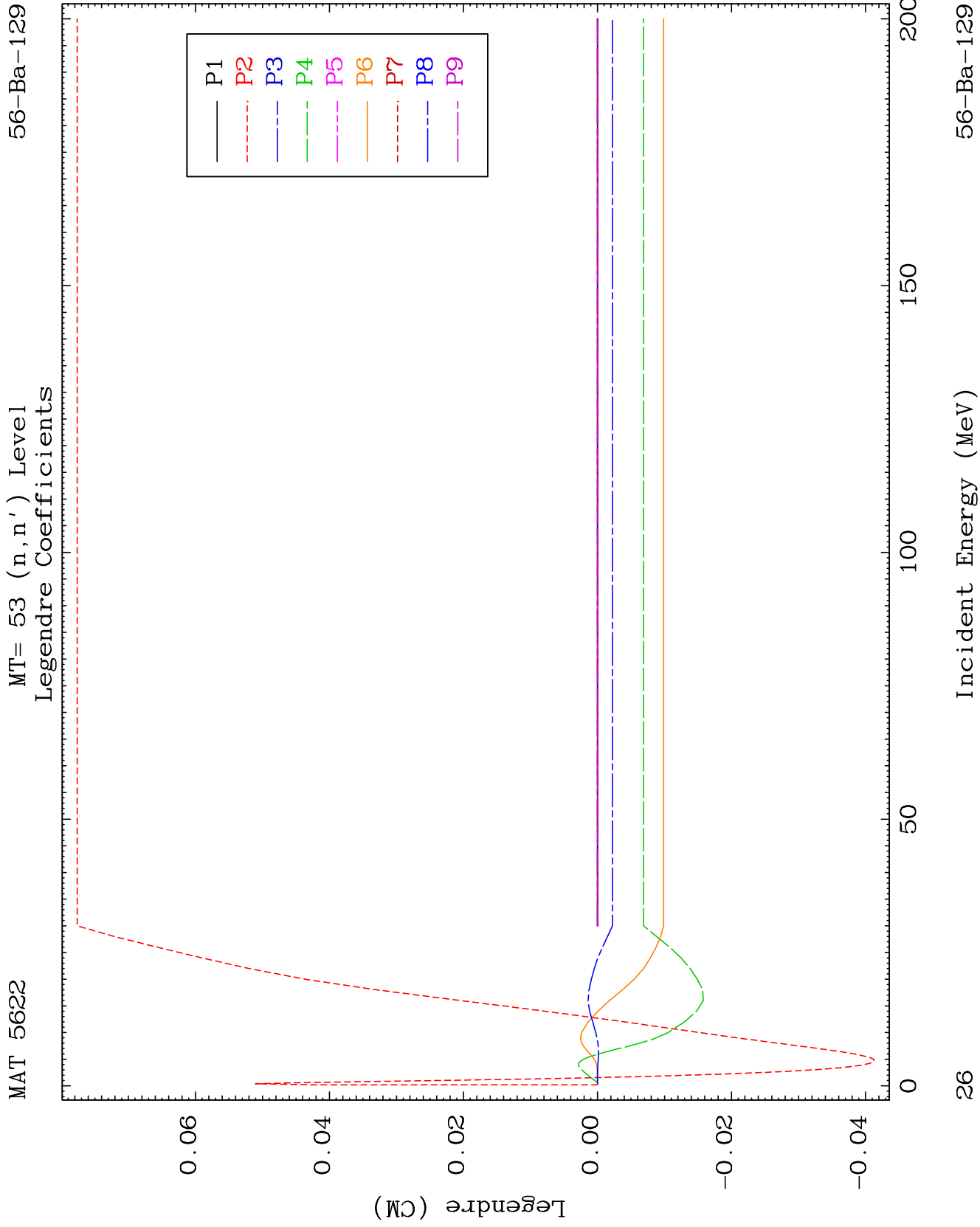


24

Incident Energy (MeV)

56-Ba-129

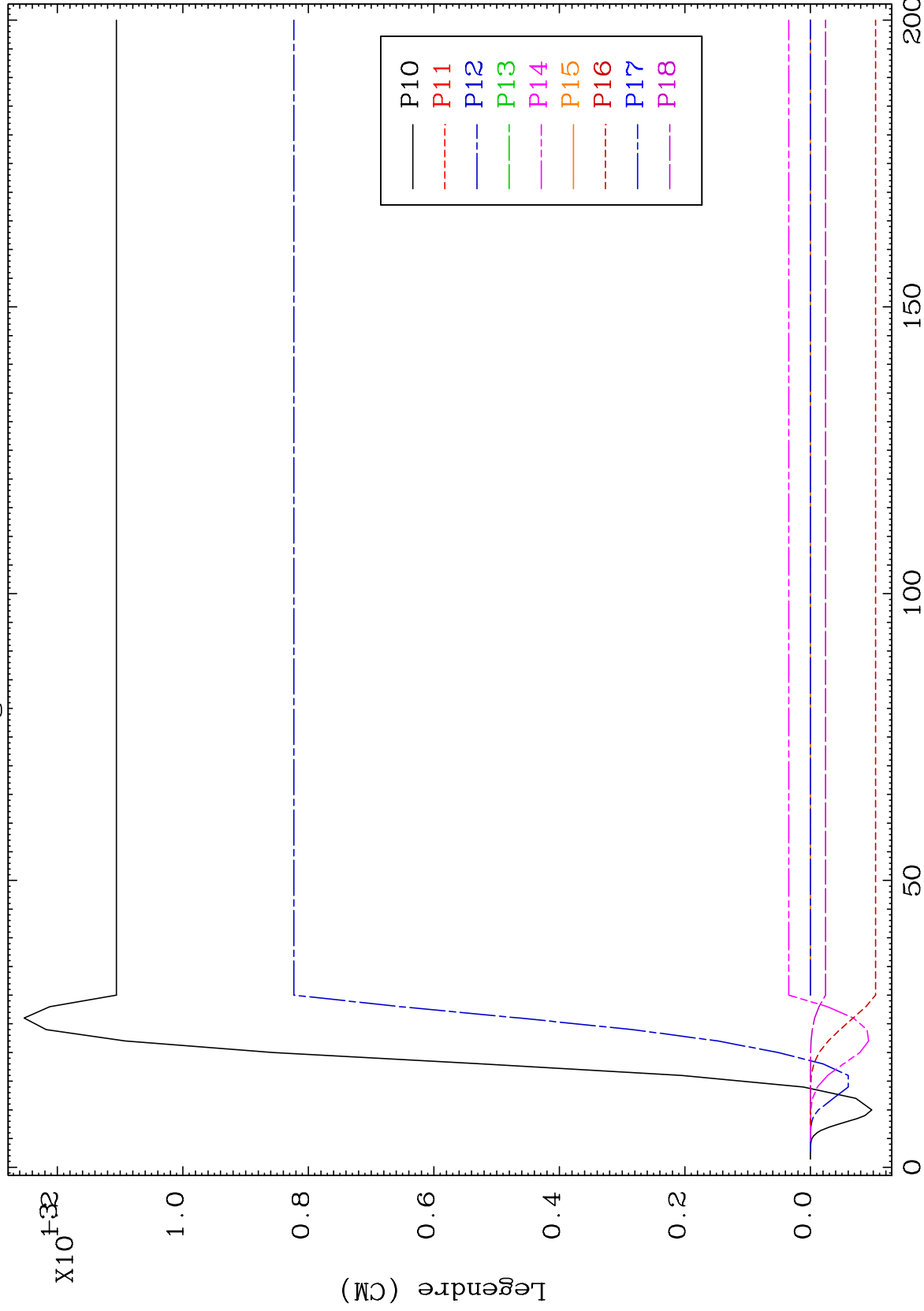




MAT 5622

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

56-Ba-129

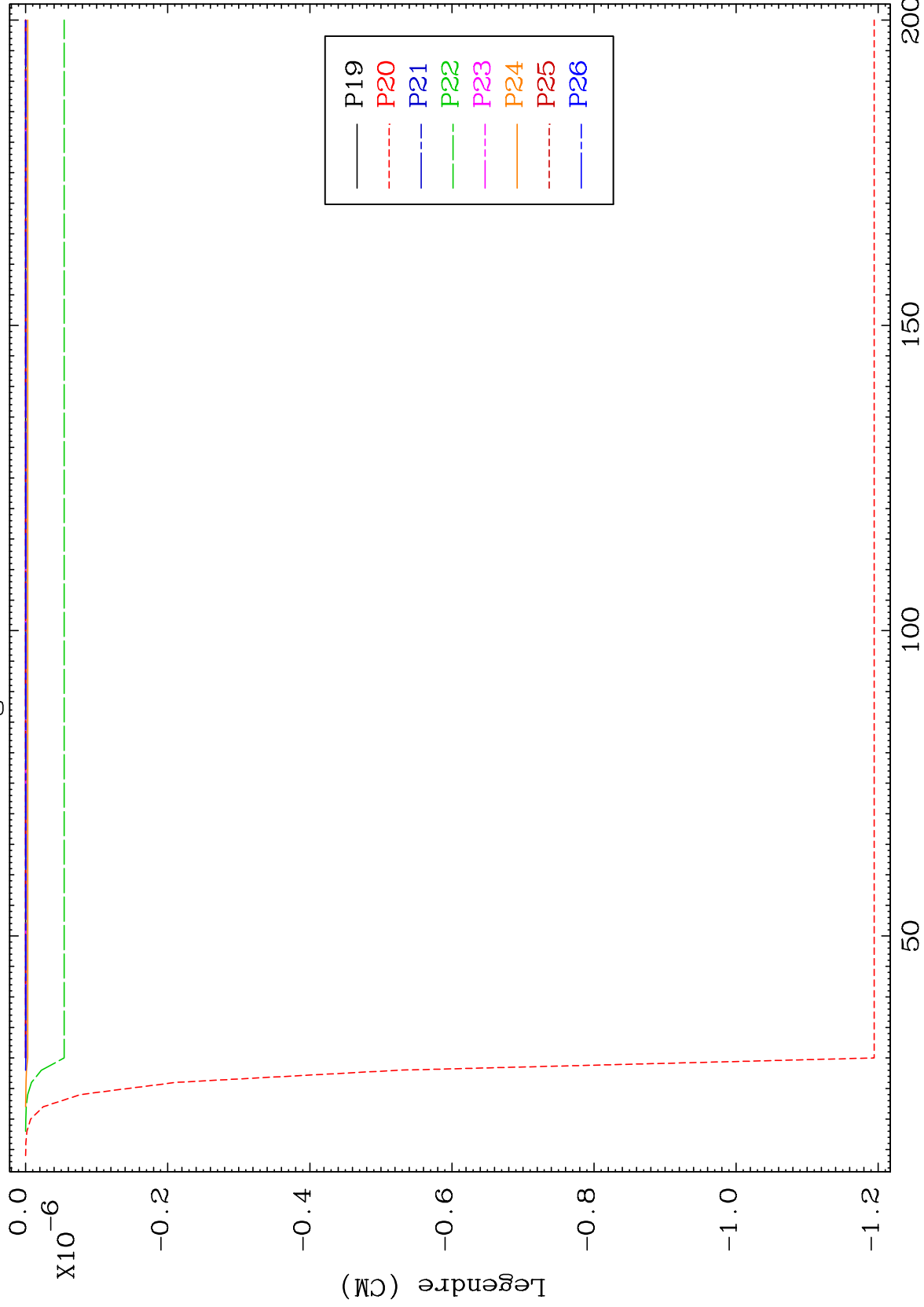


27

Incident Energy (MeV)

56-Ba-129

MAT 5622 MT= 53 (n,n') Level Legendre Coefficients 56-Ba-129

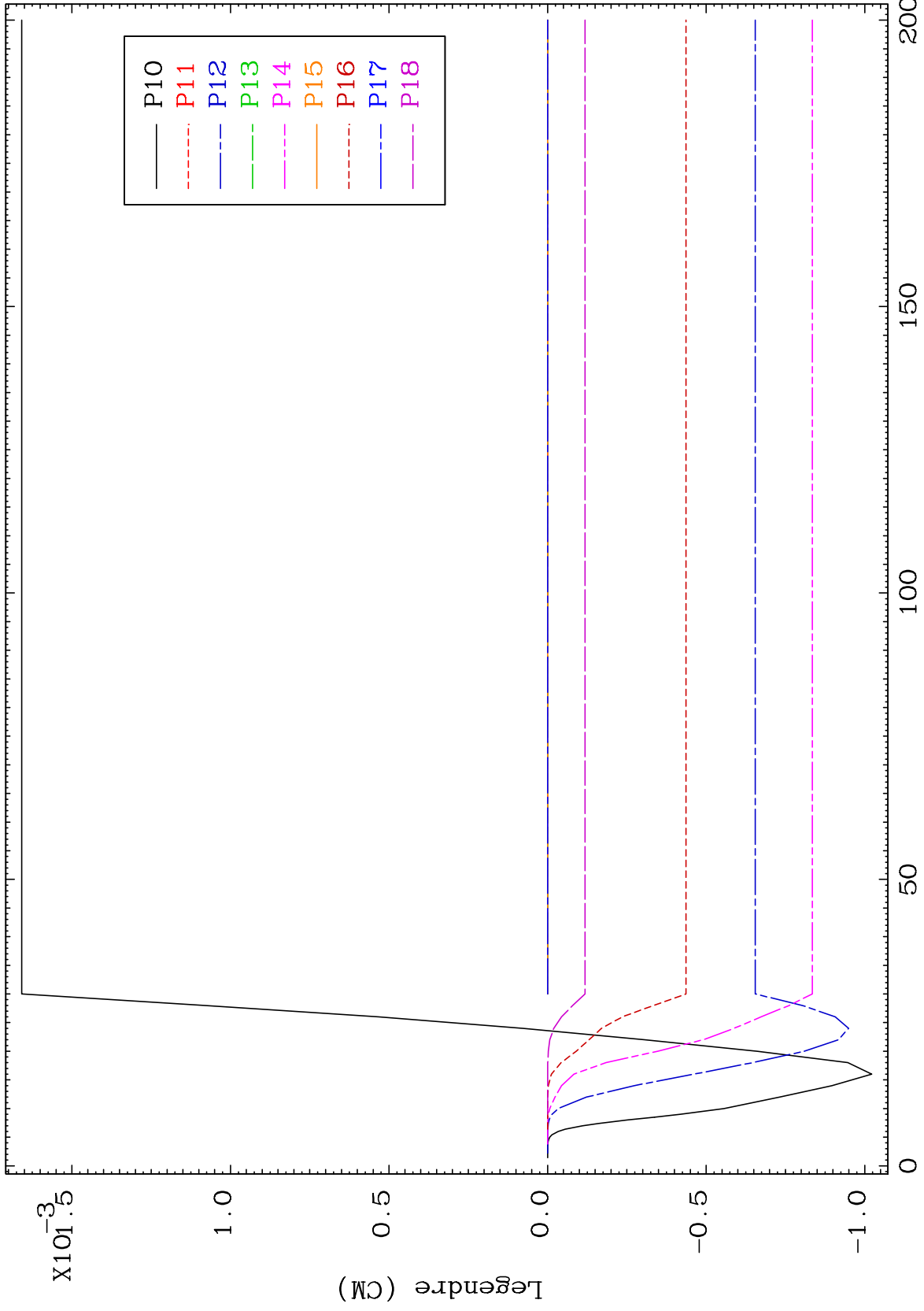


28 50 100 150 200 56-Ba-129

MAT 5622

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

56-Ba-129

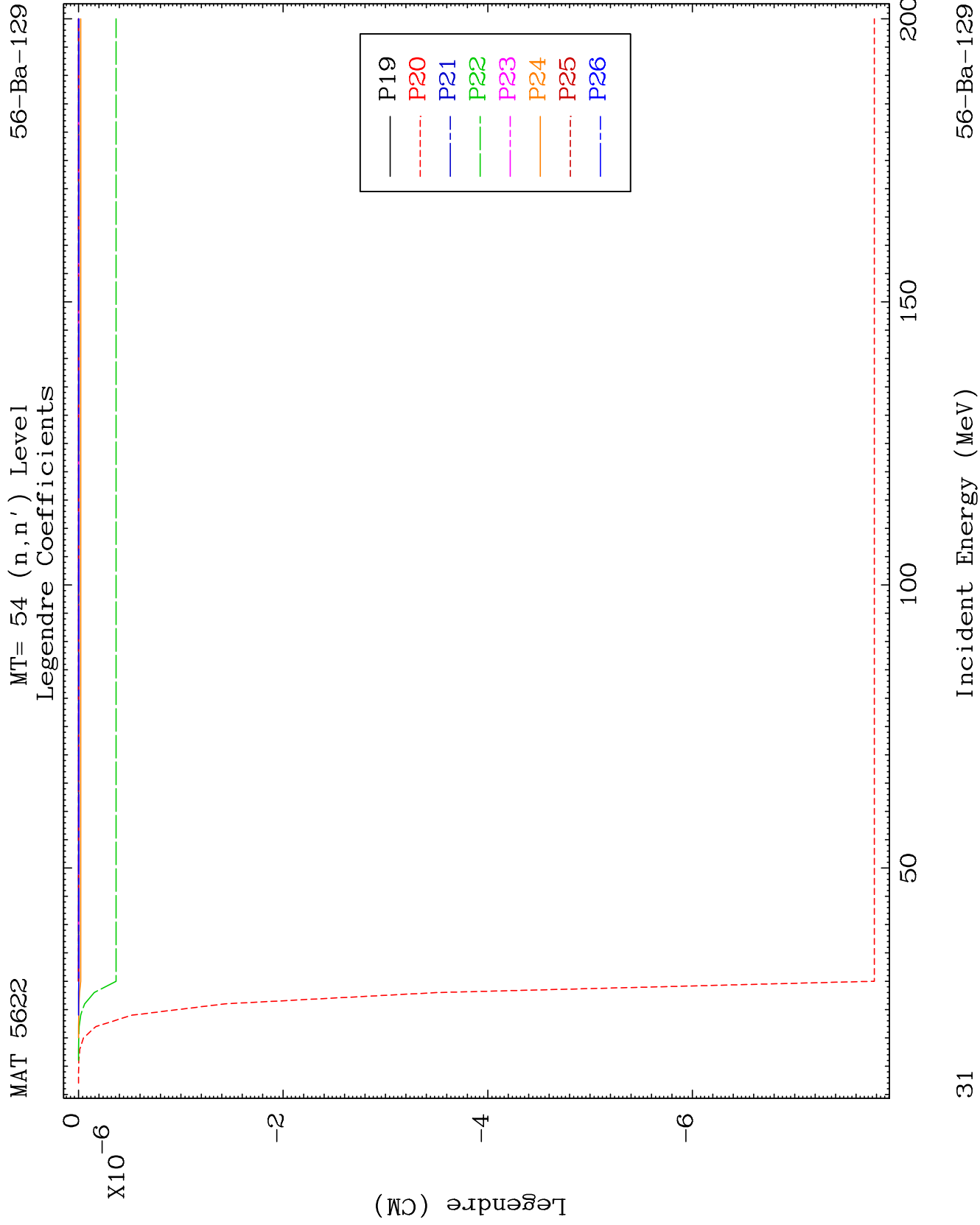


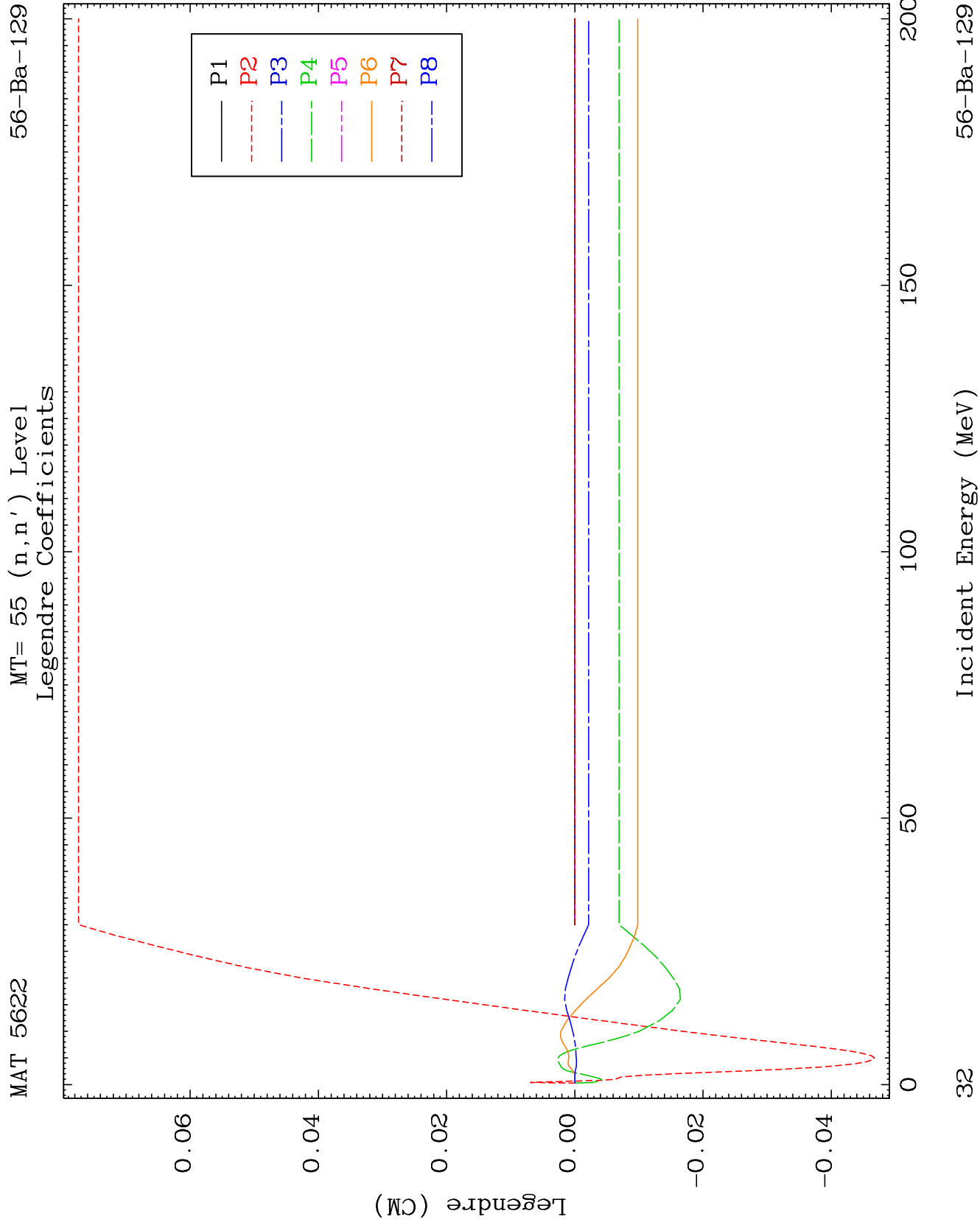
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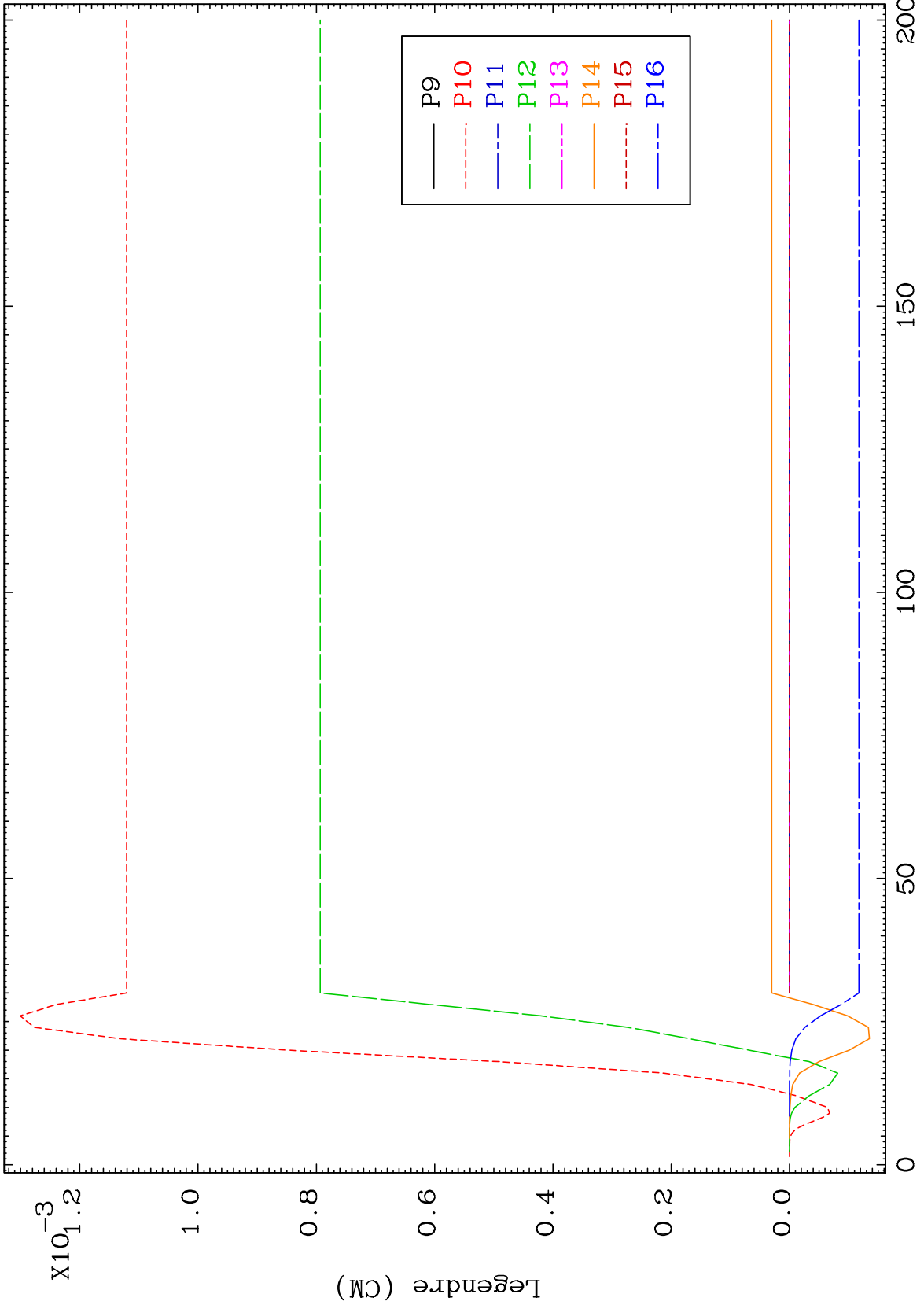
Incident Energy (MeV)

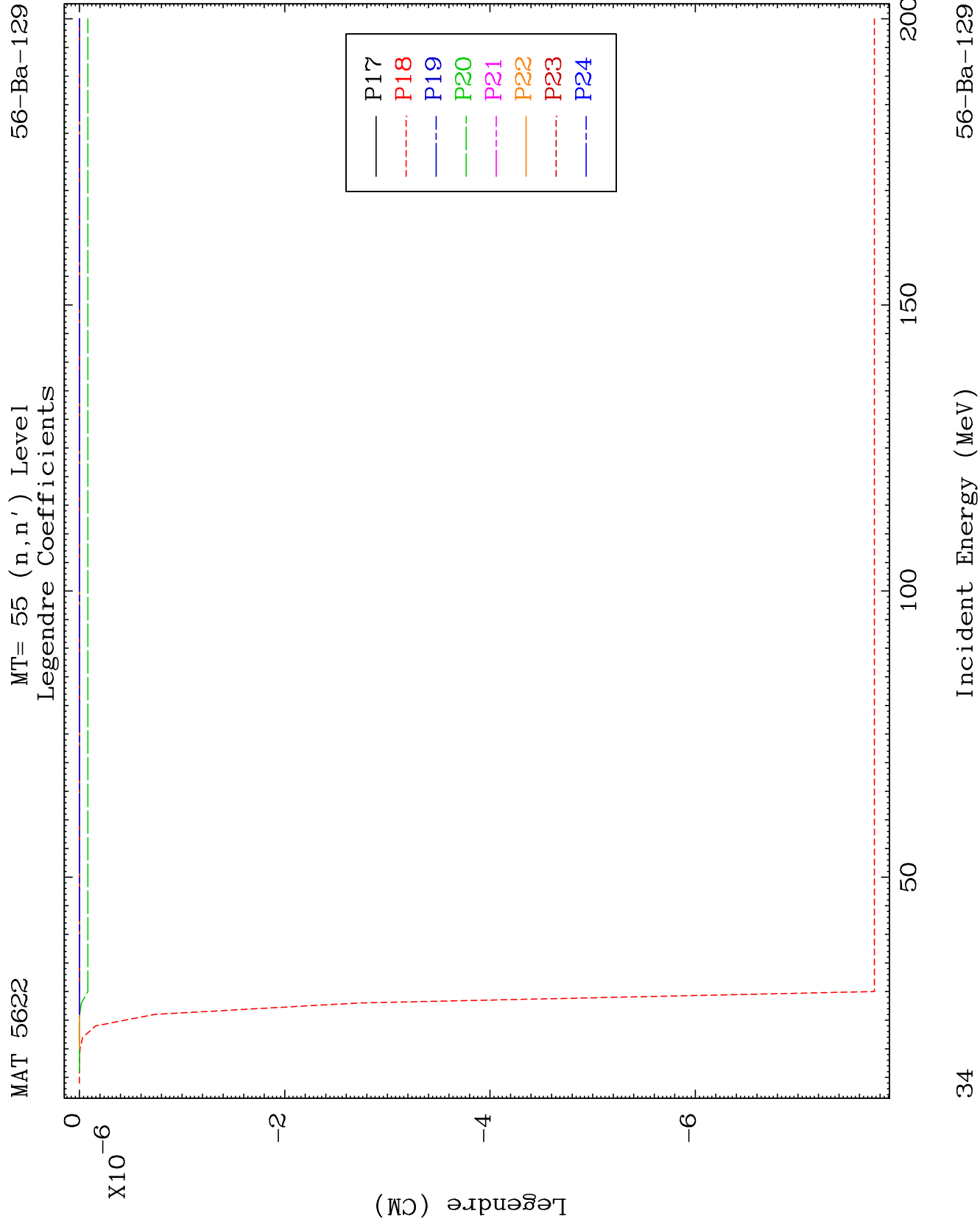
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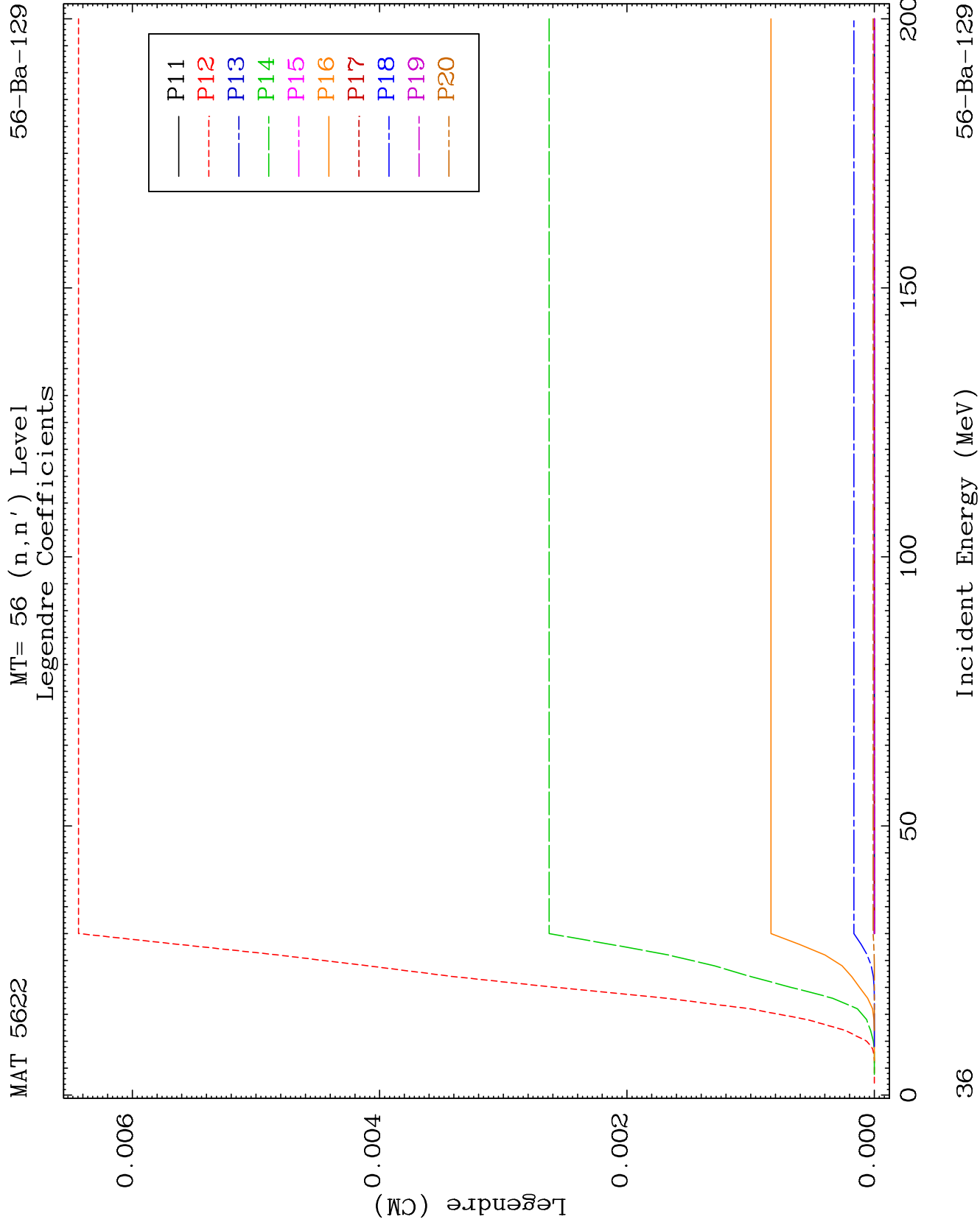
56-Ba-129

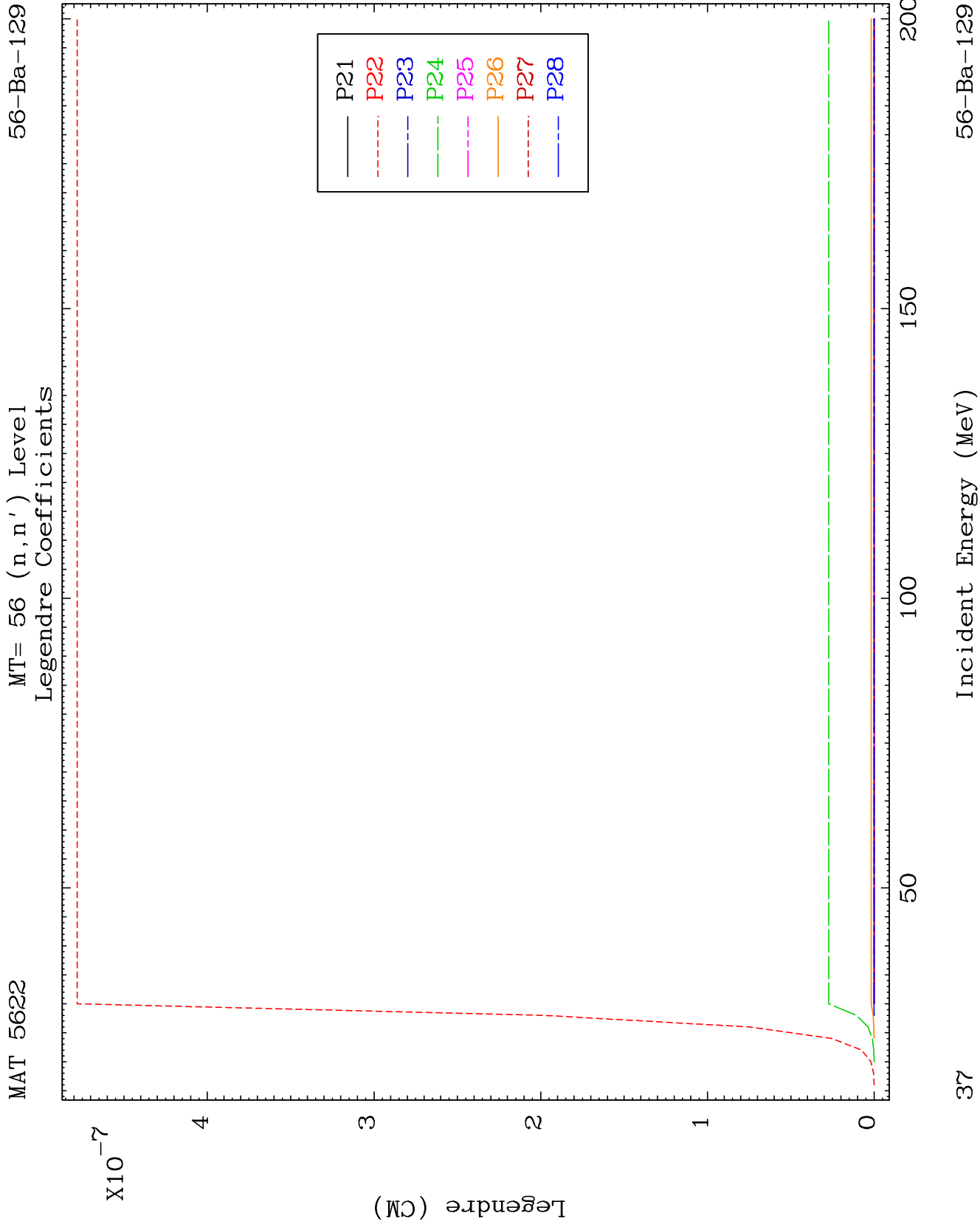


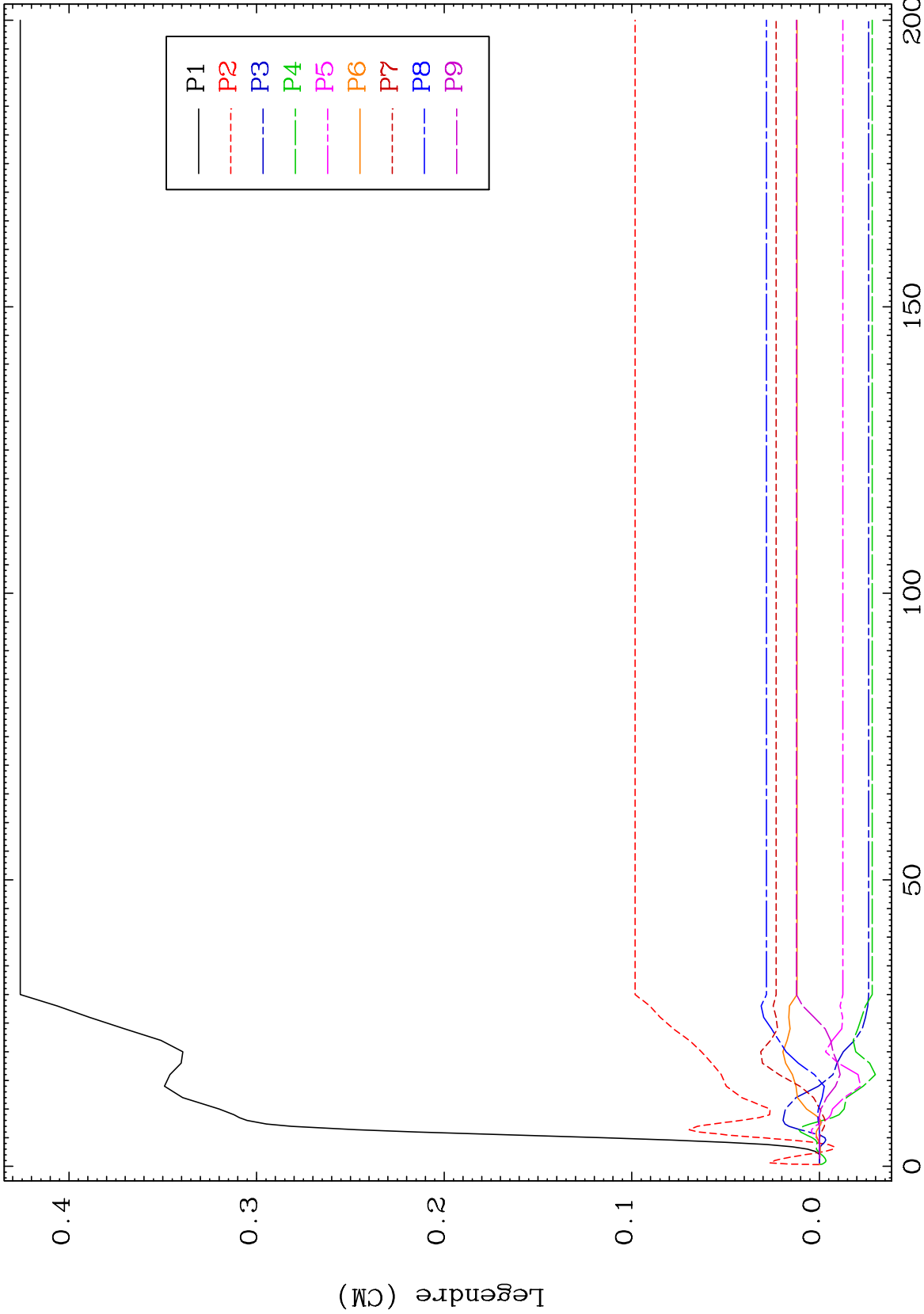


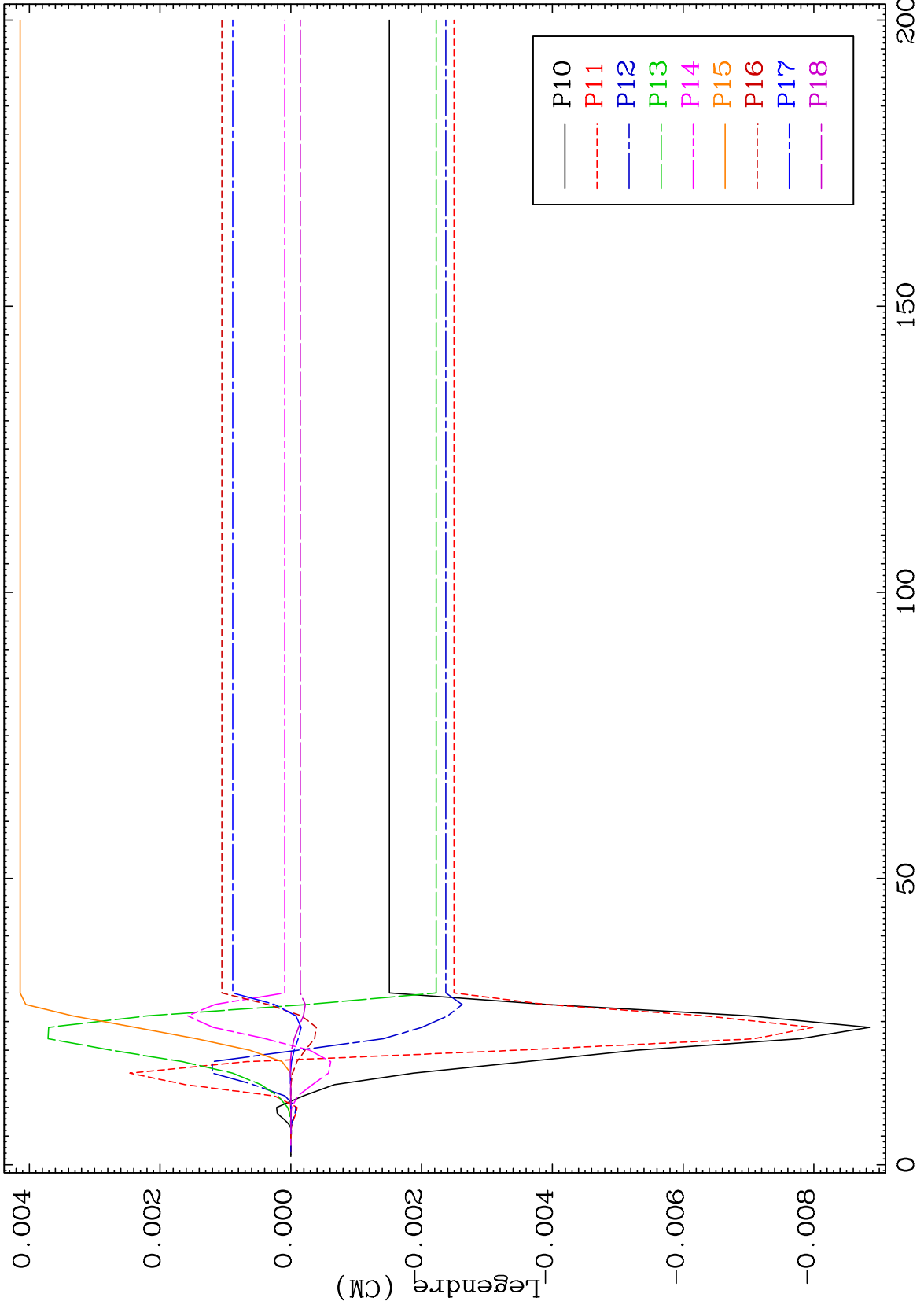


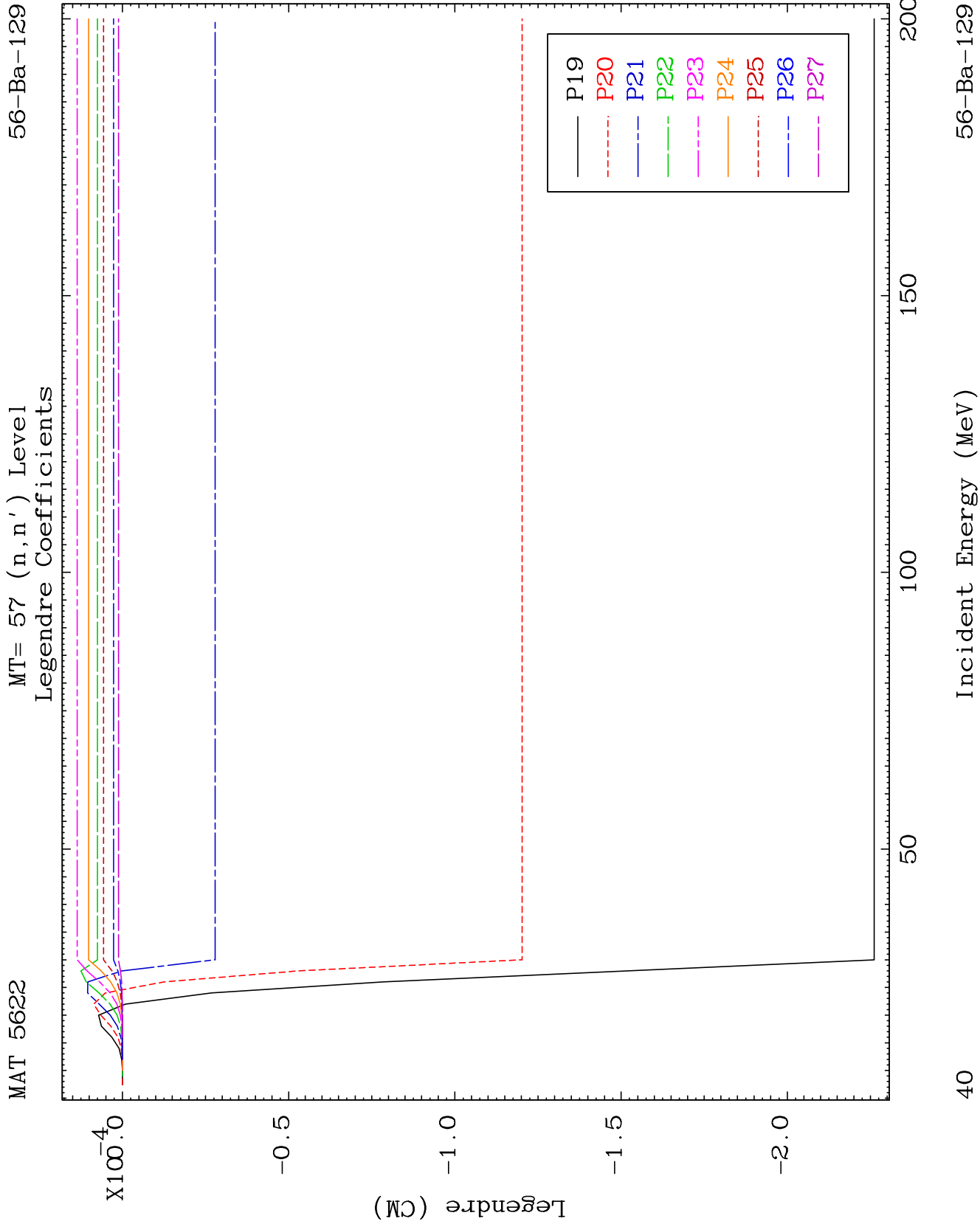








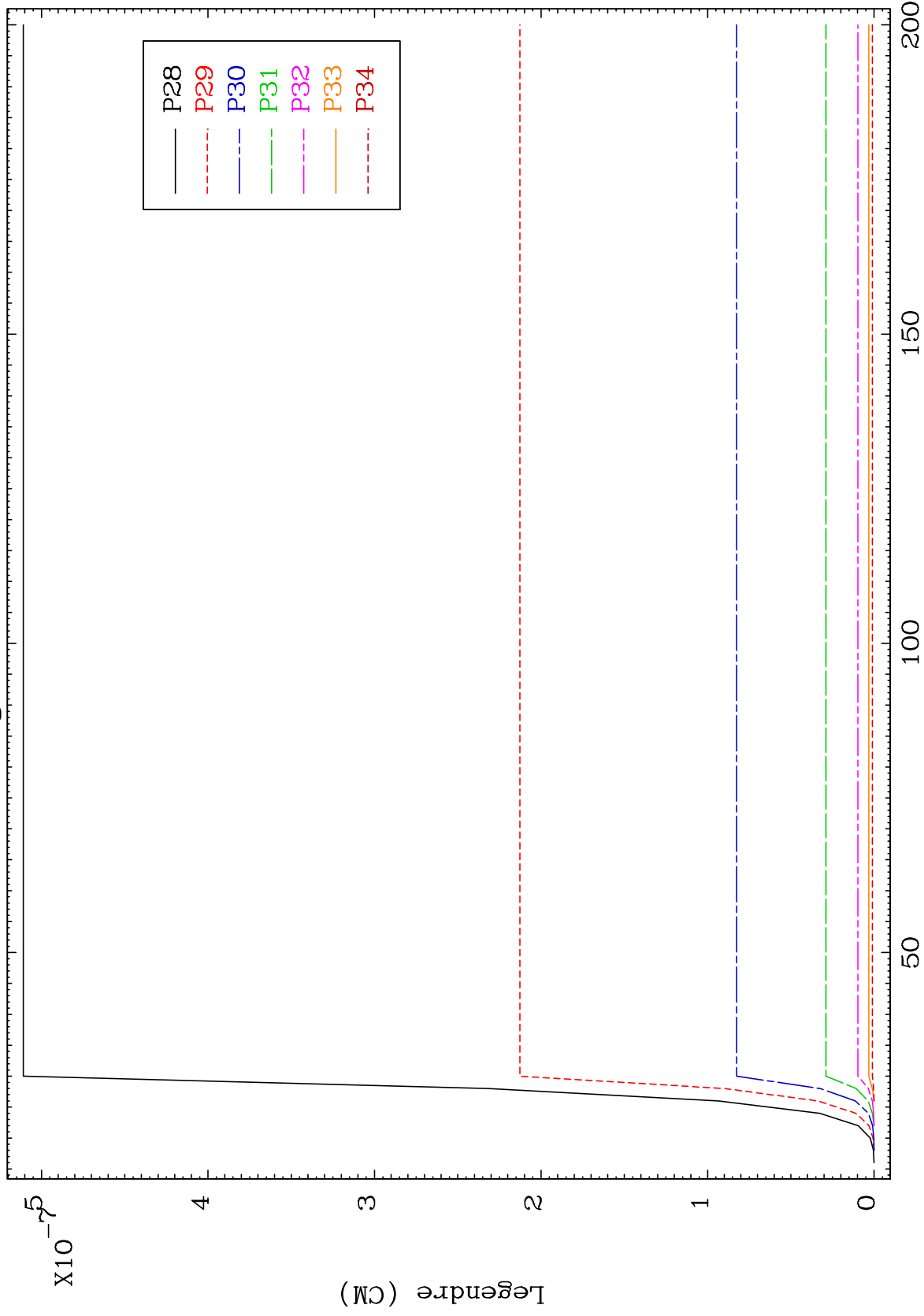




MAT 5622

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

56-Ba-129

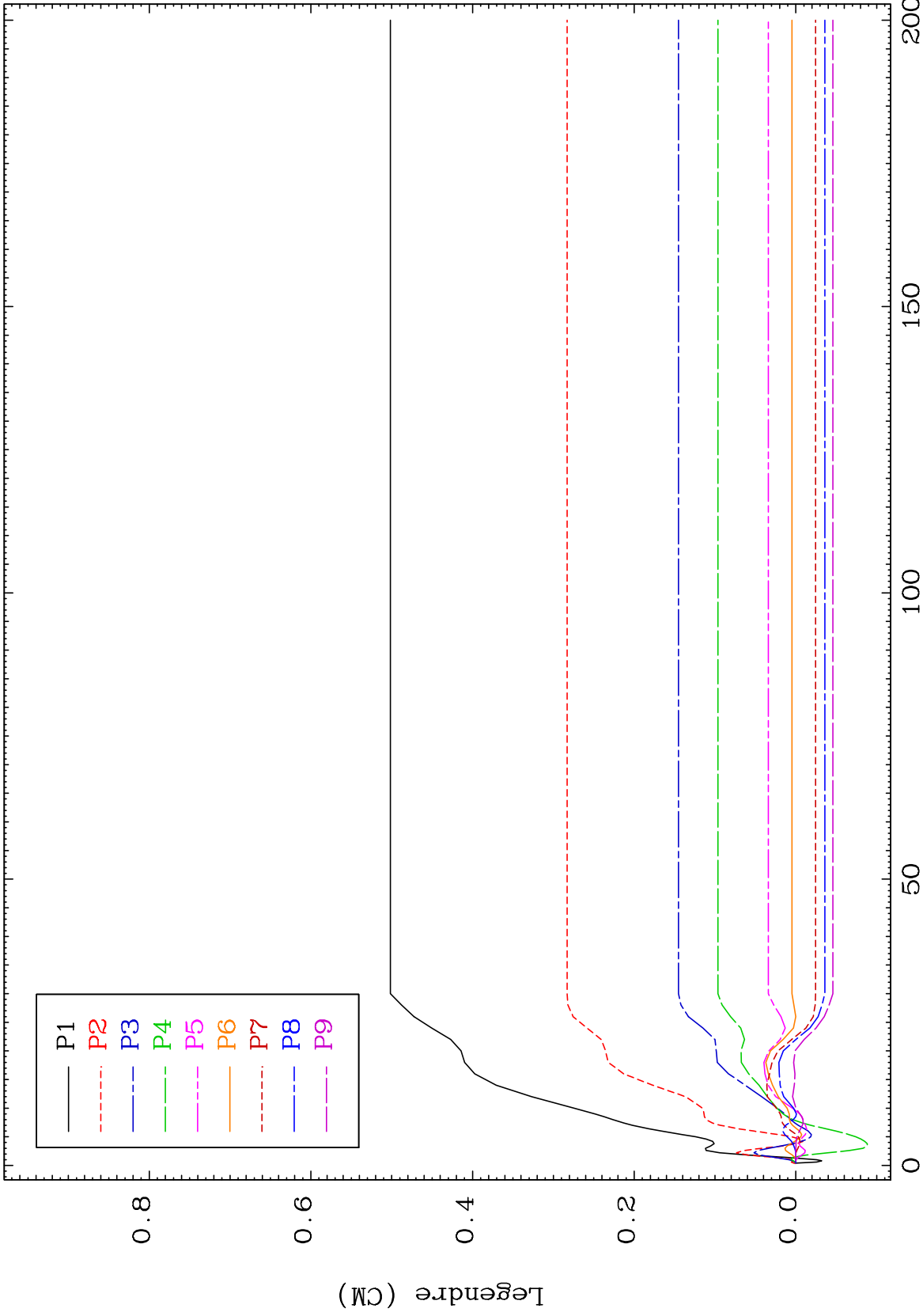


41

Incident Energy (MeV)

56-Ba-129

MAT 5622 MT= 58 (n,n') Level Legendre Coefficients 56-Ba-129

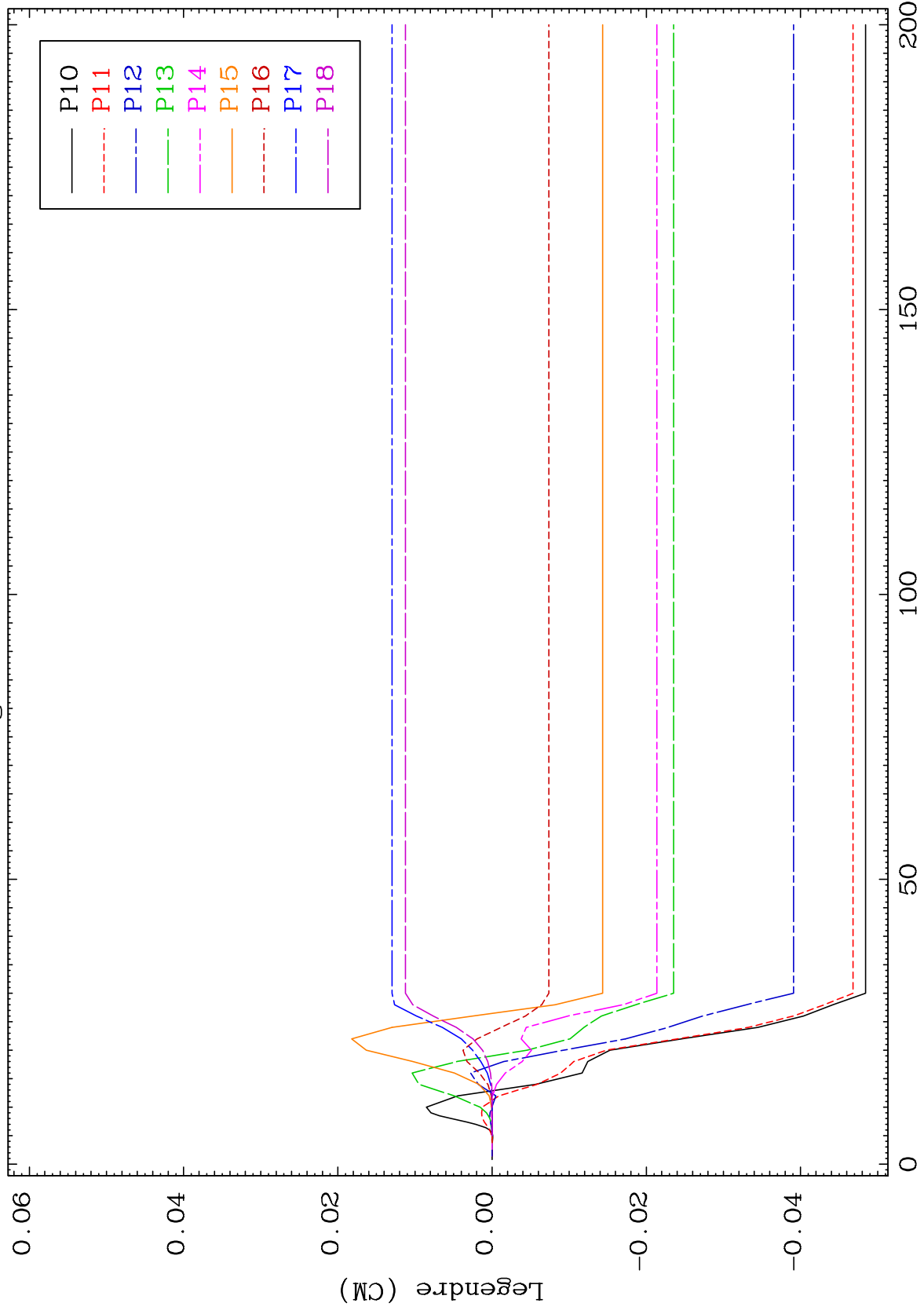


42 56-Ba-129

MAT 5622

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

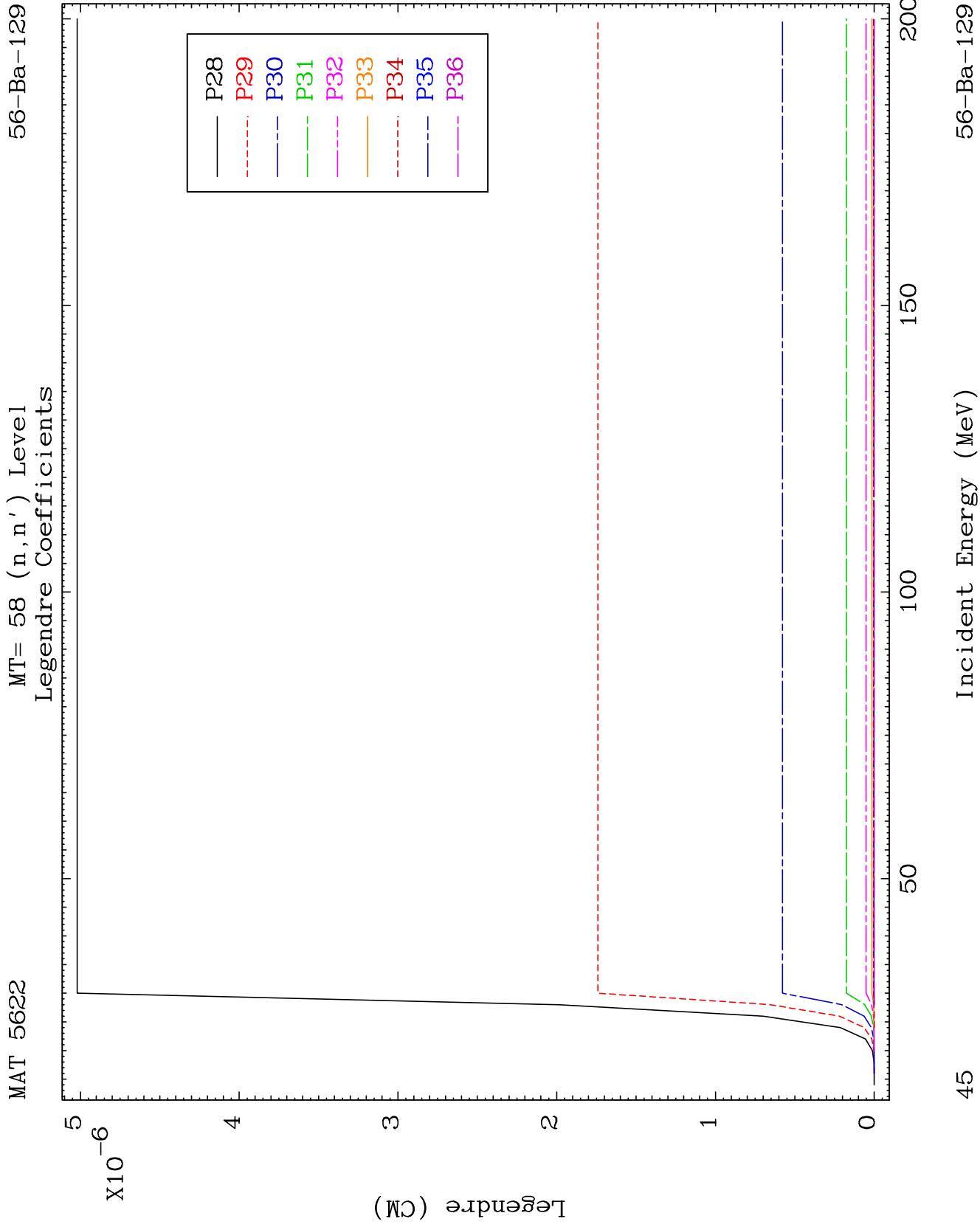
56-Ba-129

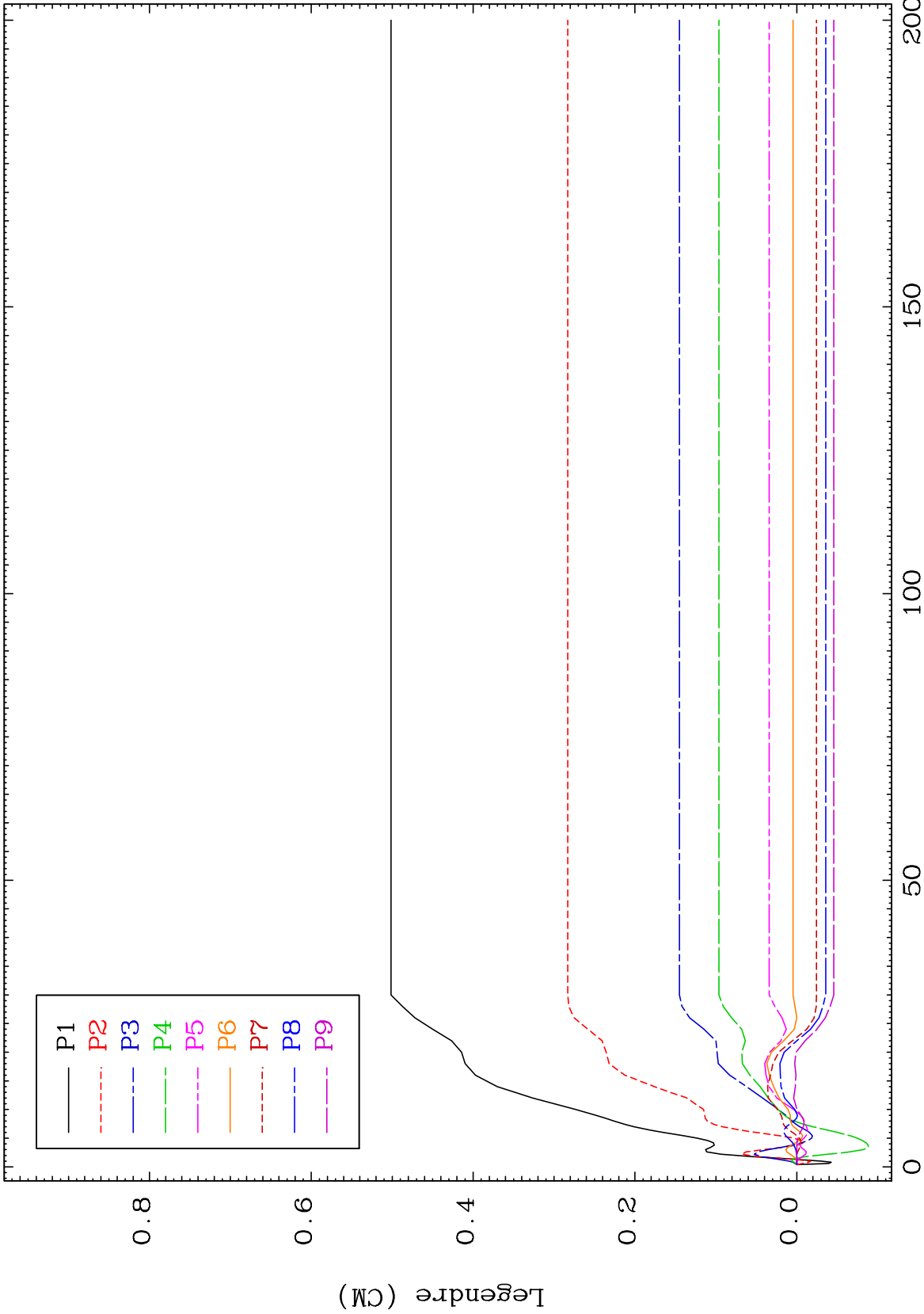


43

Incident Energy (MeV)

56-Ba-129

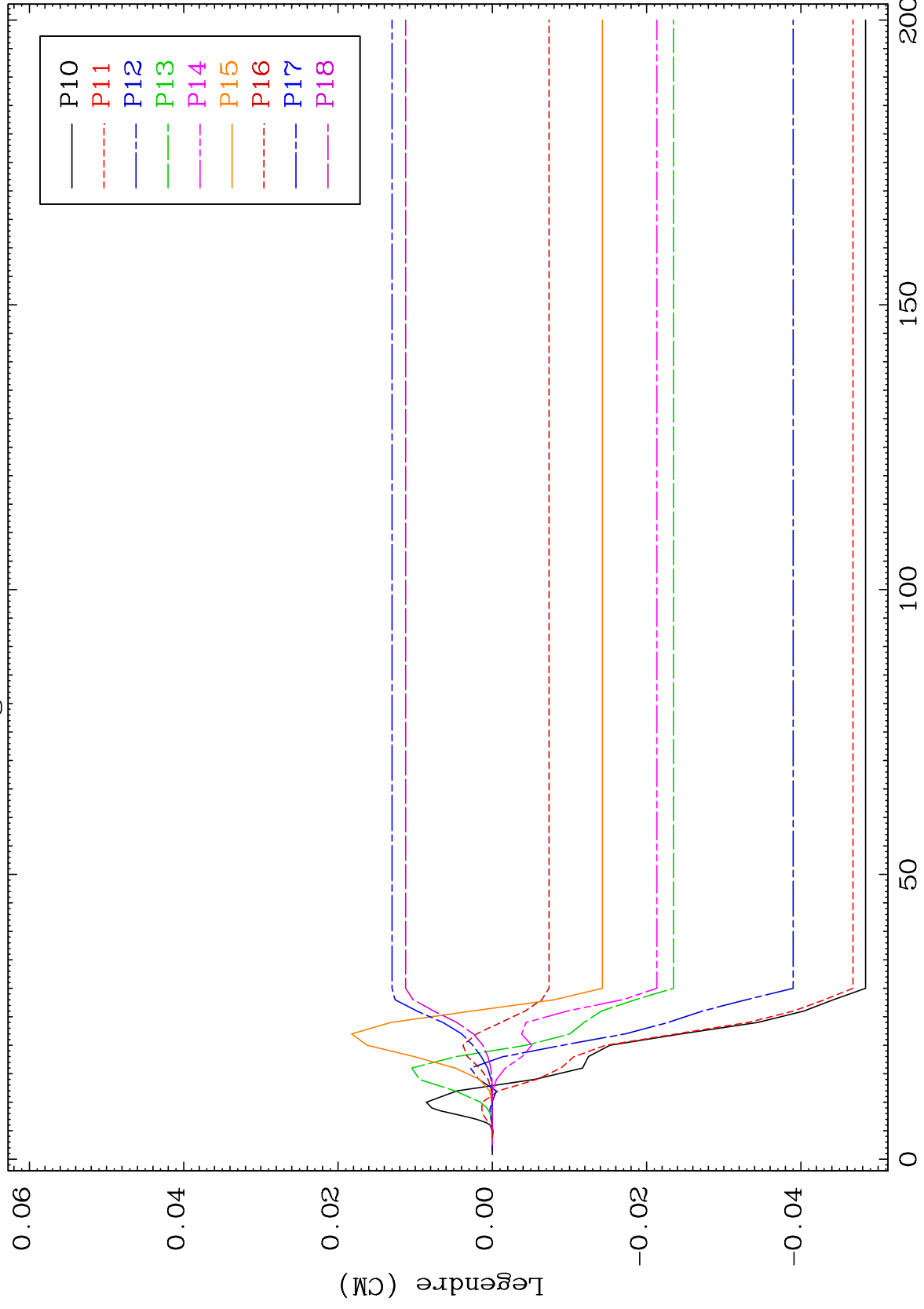




MAT 5622

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

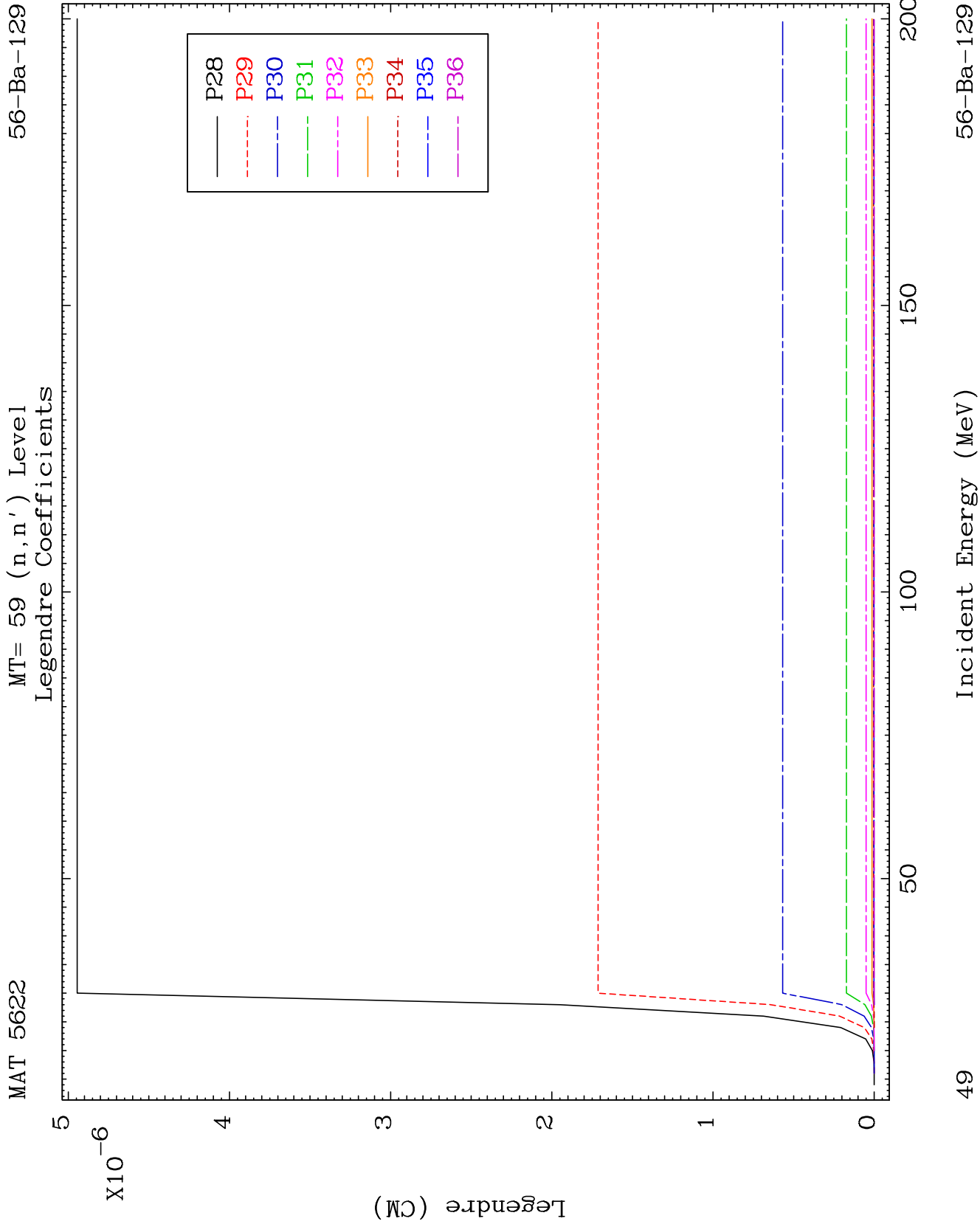
56-Ba-129

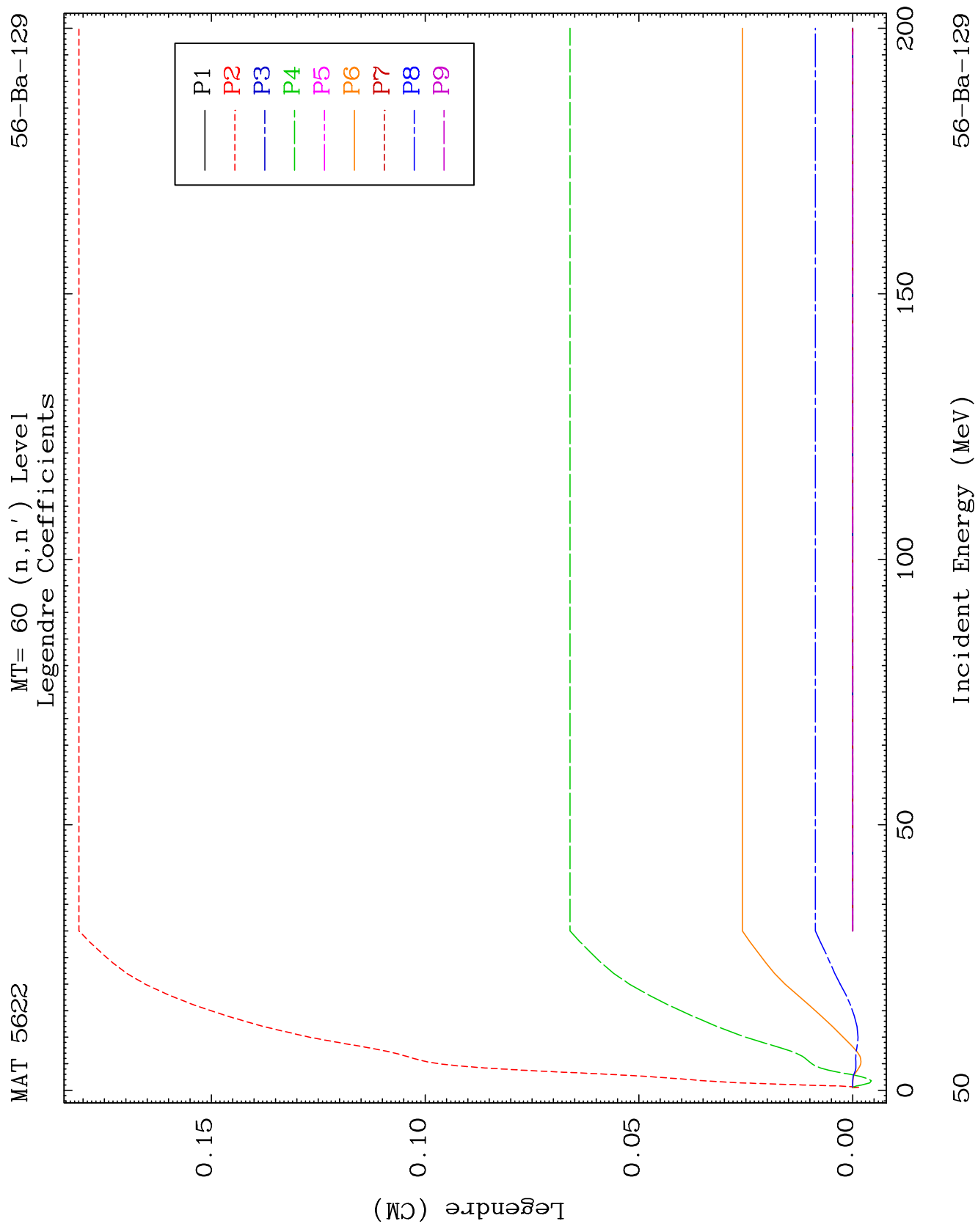


27

Incident Energy (MeV)

56-Ba-129

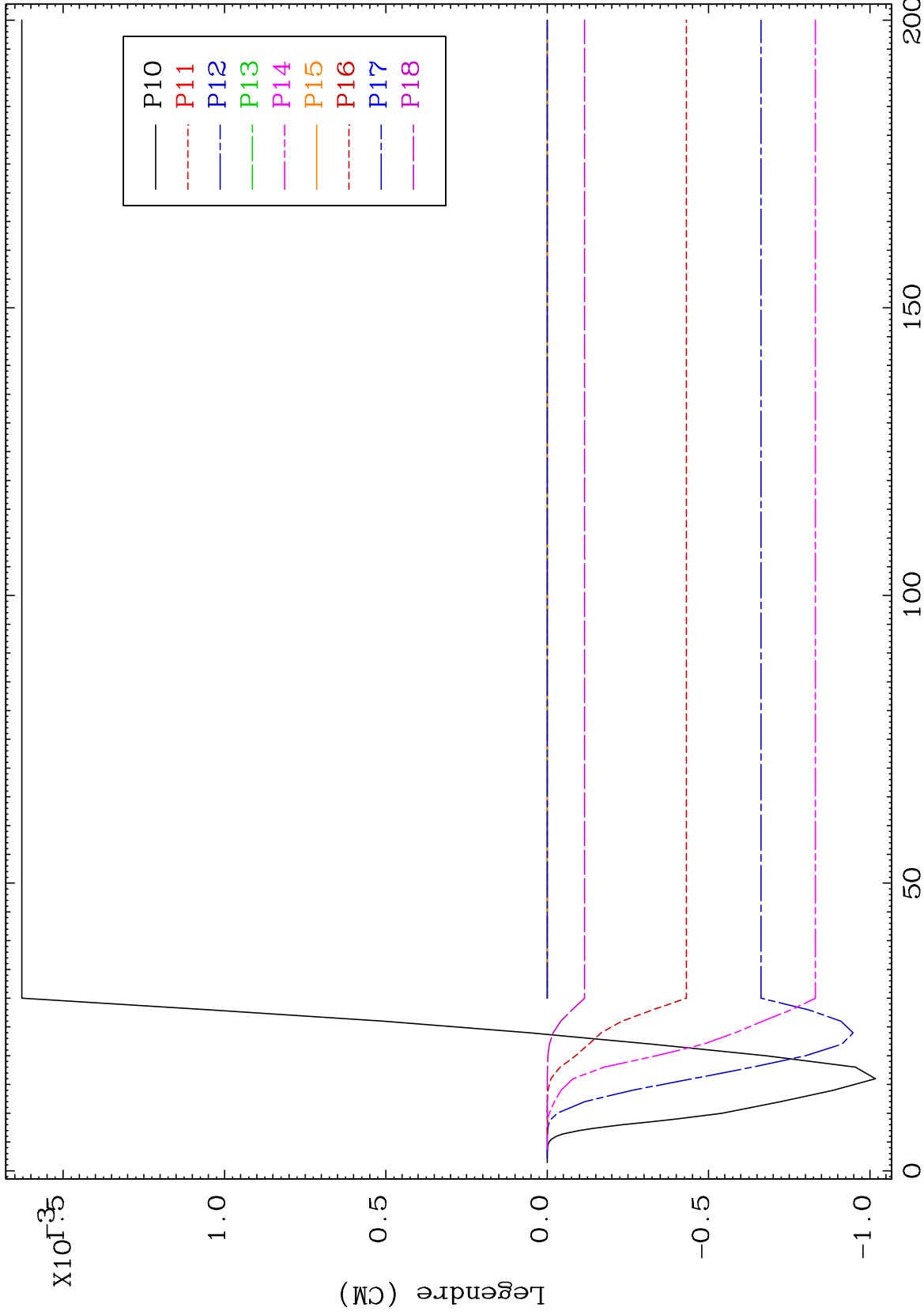




MAT 5622

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

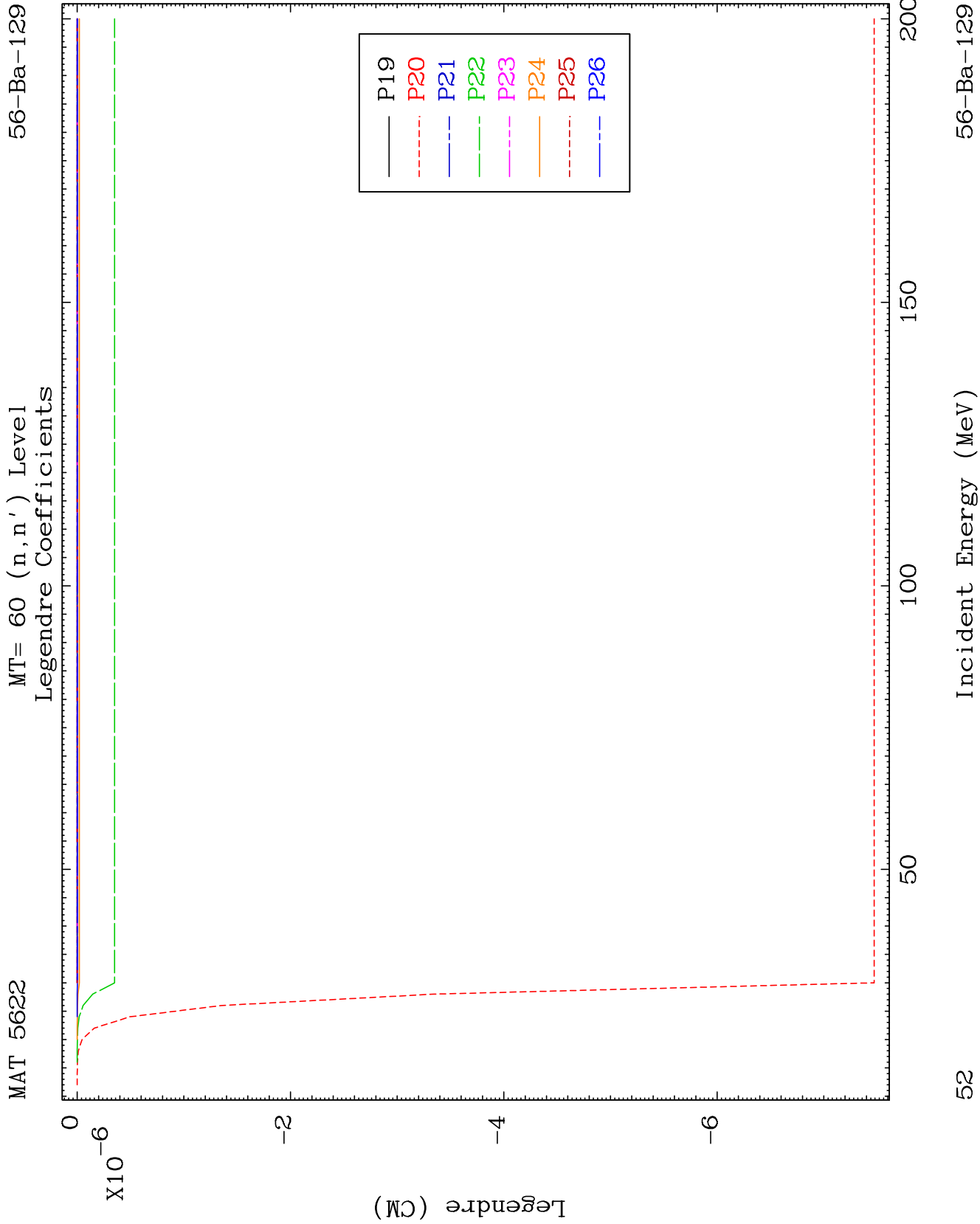
56-Ba-129



51

Incident Energy (MeV)

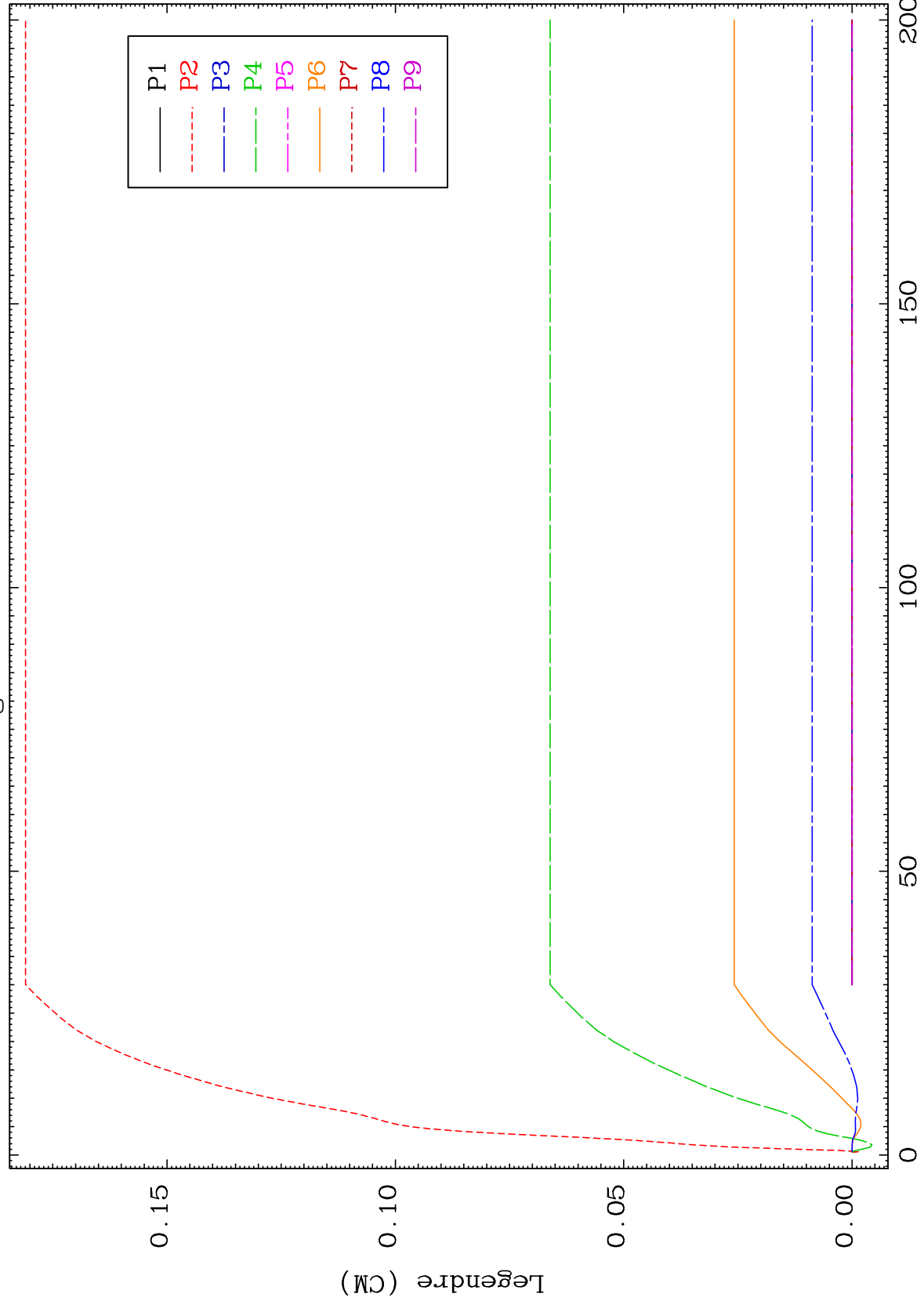
56-Ba-129



MAT 5622

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

56-Ba-129



53

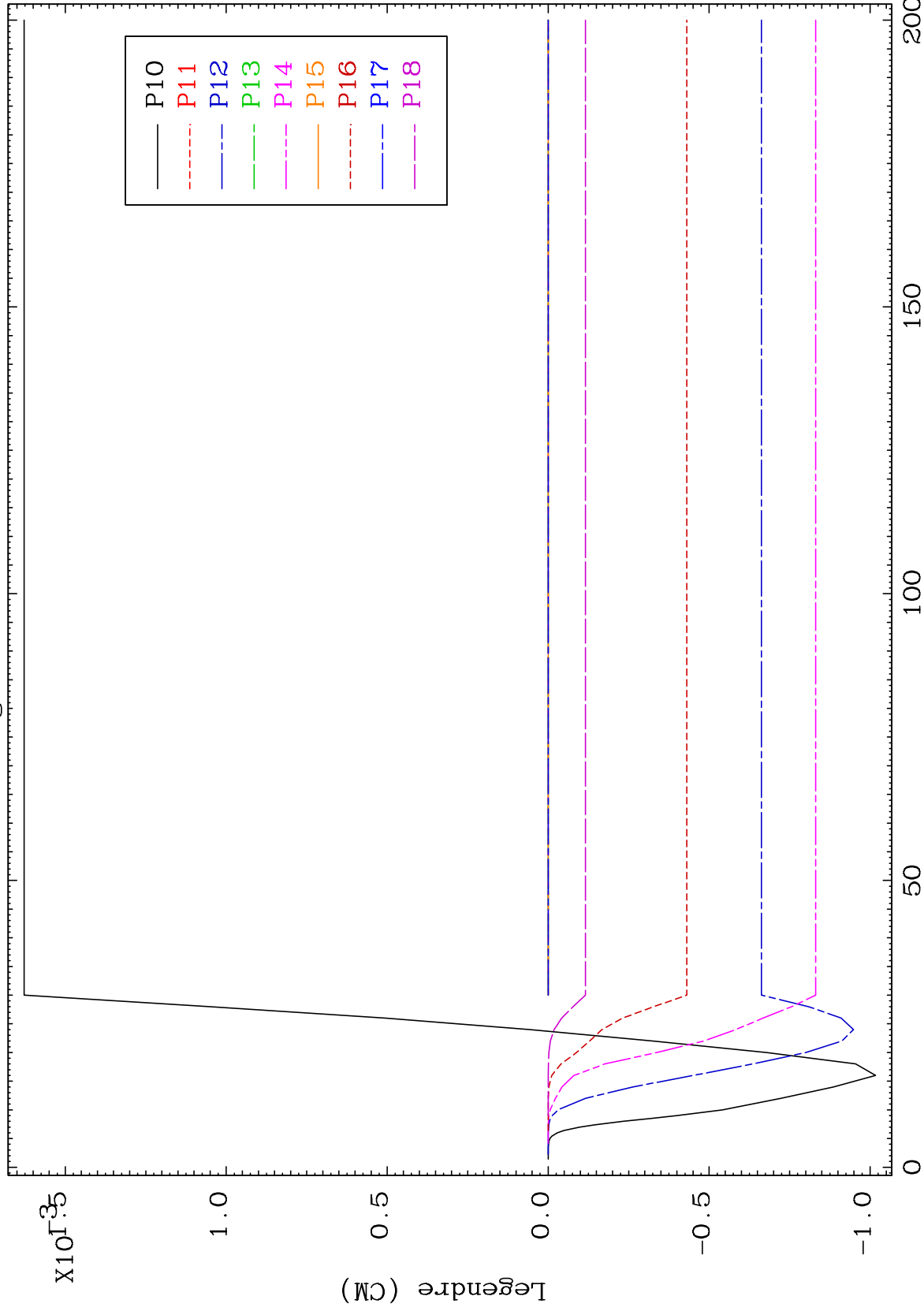
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

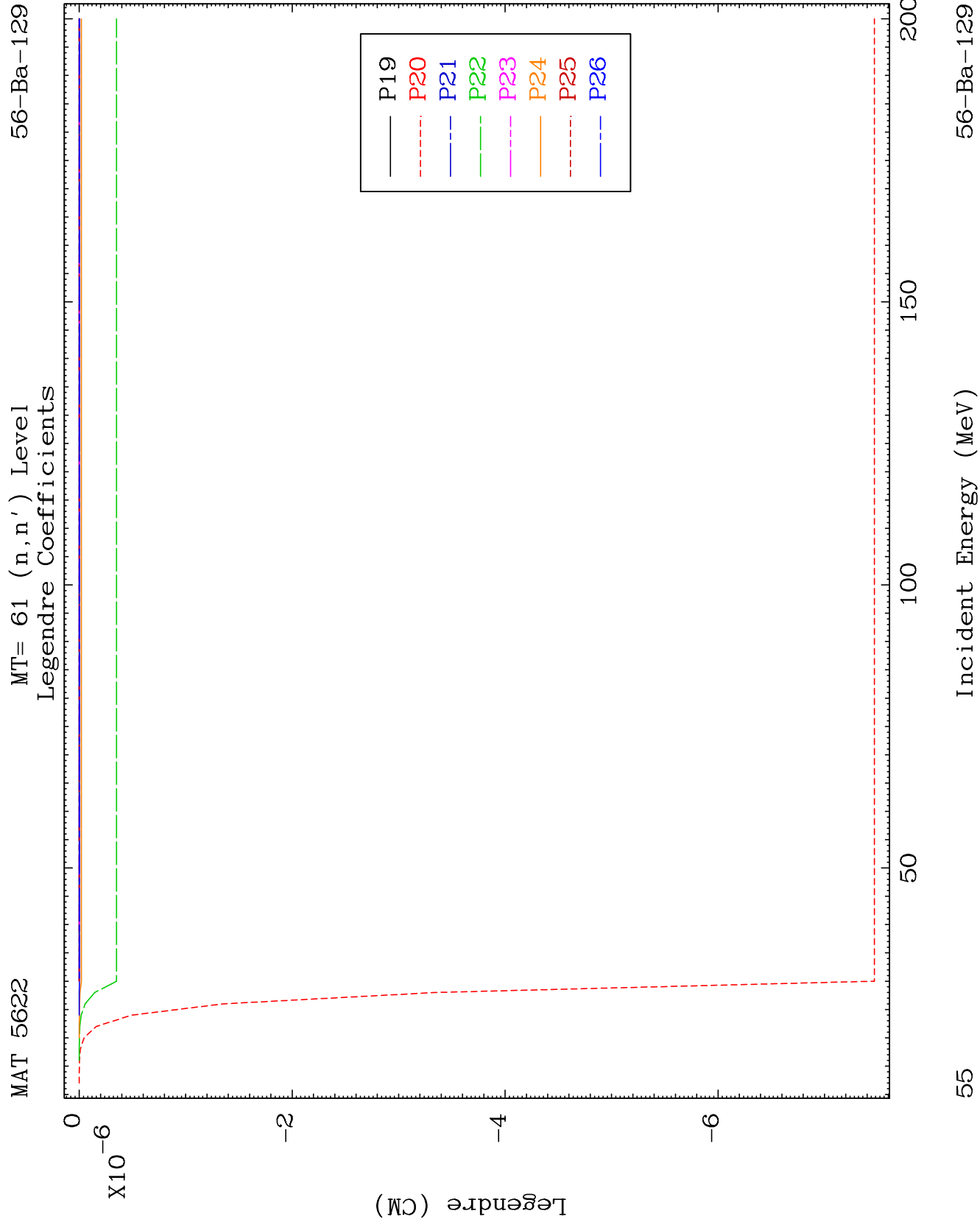
56-Ba-129



54

Incident Energy (MeV)

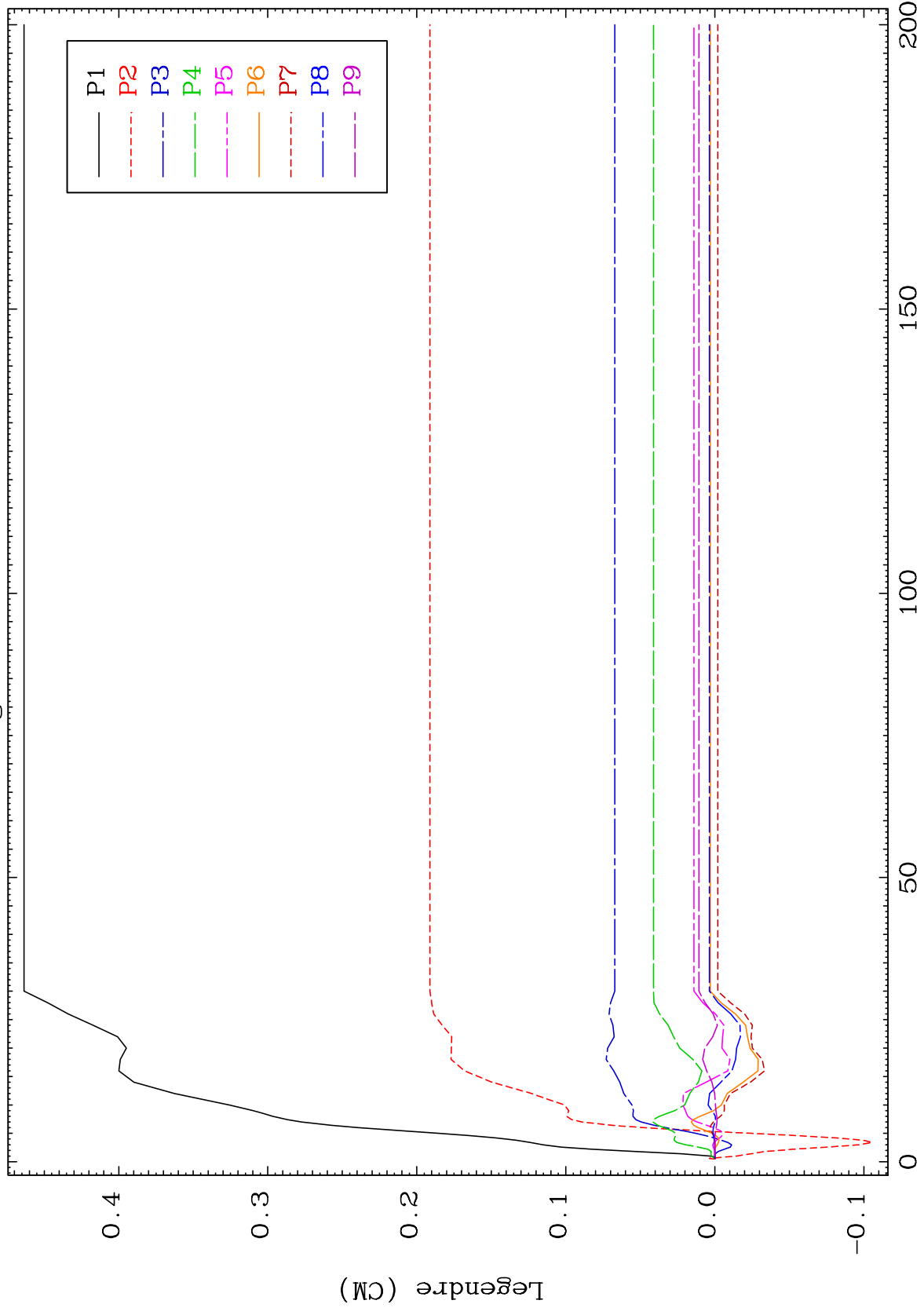
56-Ba-129



MAT 5622

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

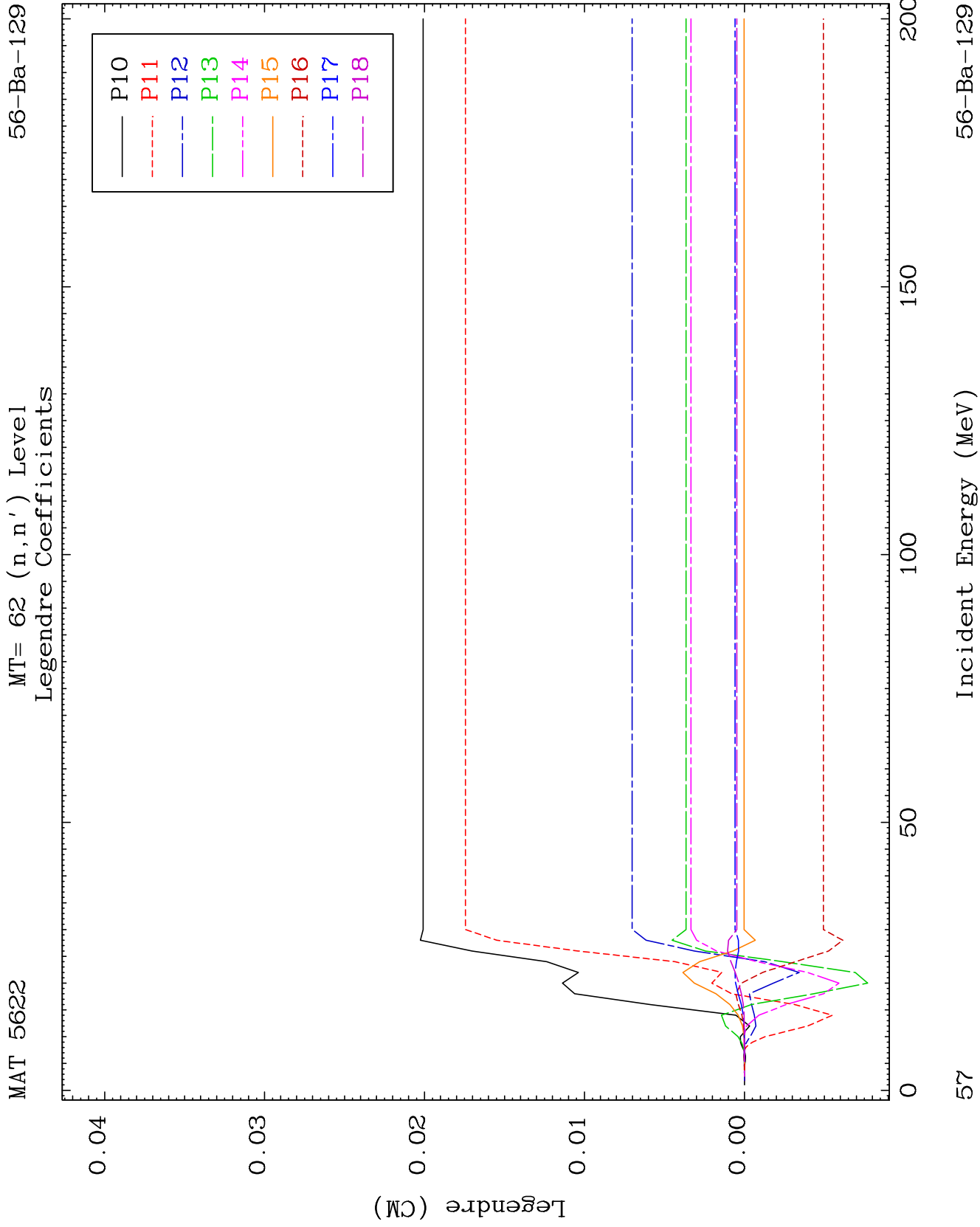
56-Ba-129

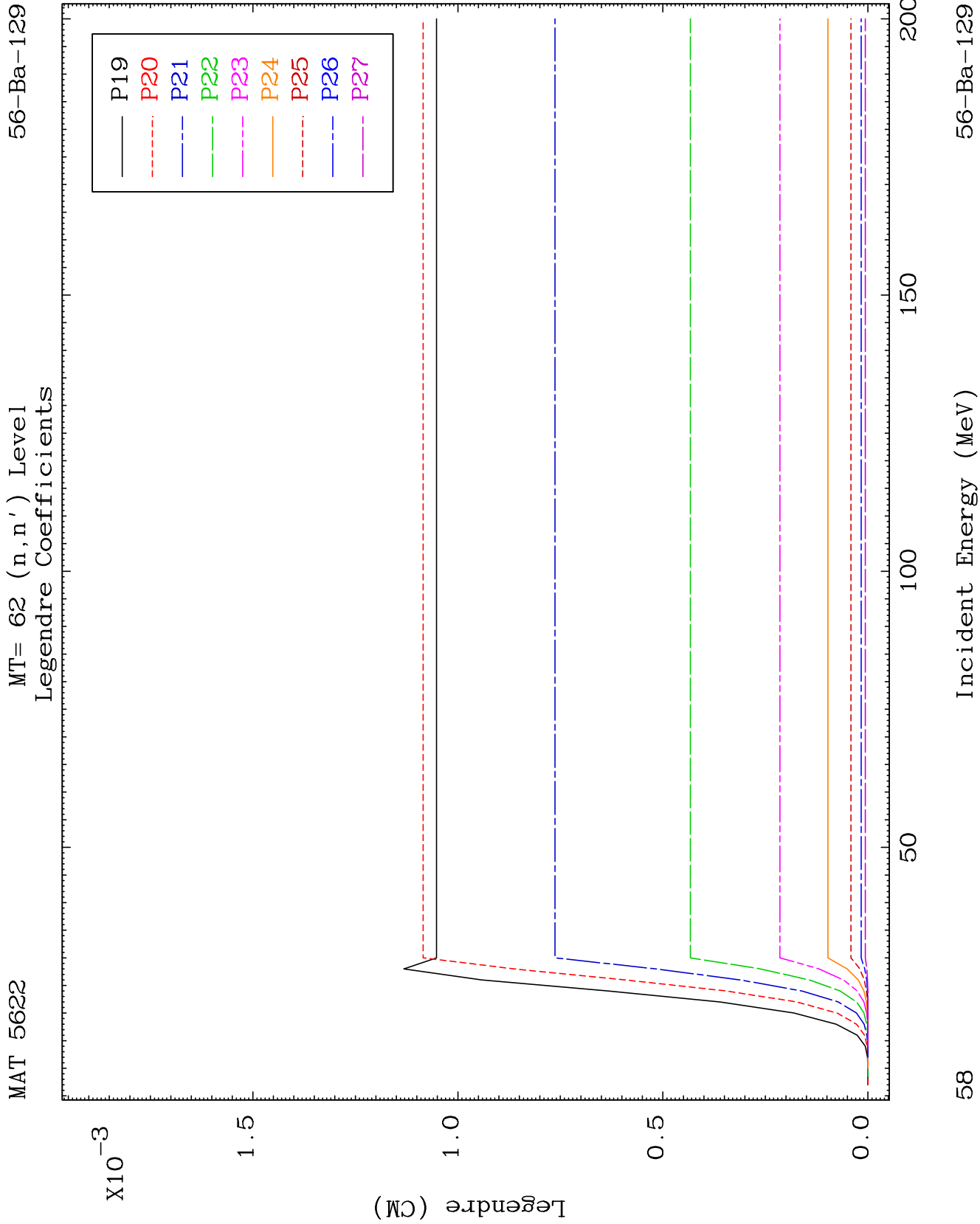


59

Incident Energy (MeV)

56-Ba-129

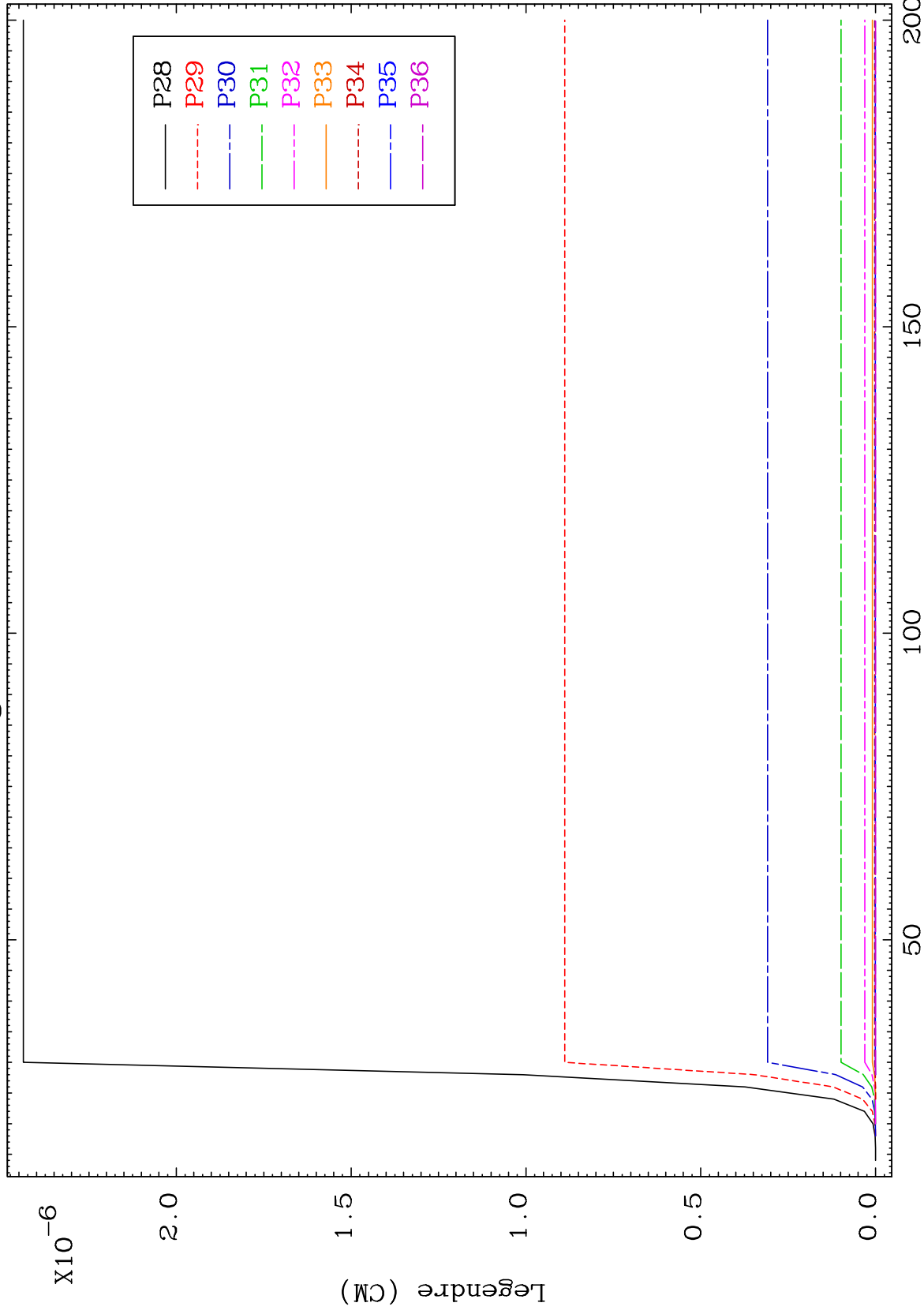




MAT 5622

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

56-Ba-129



59

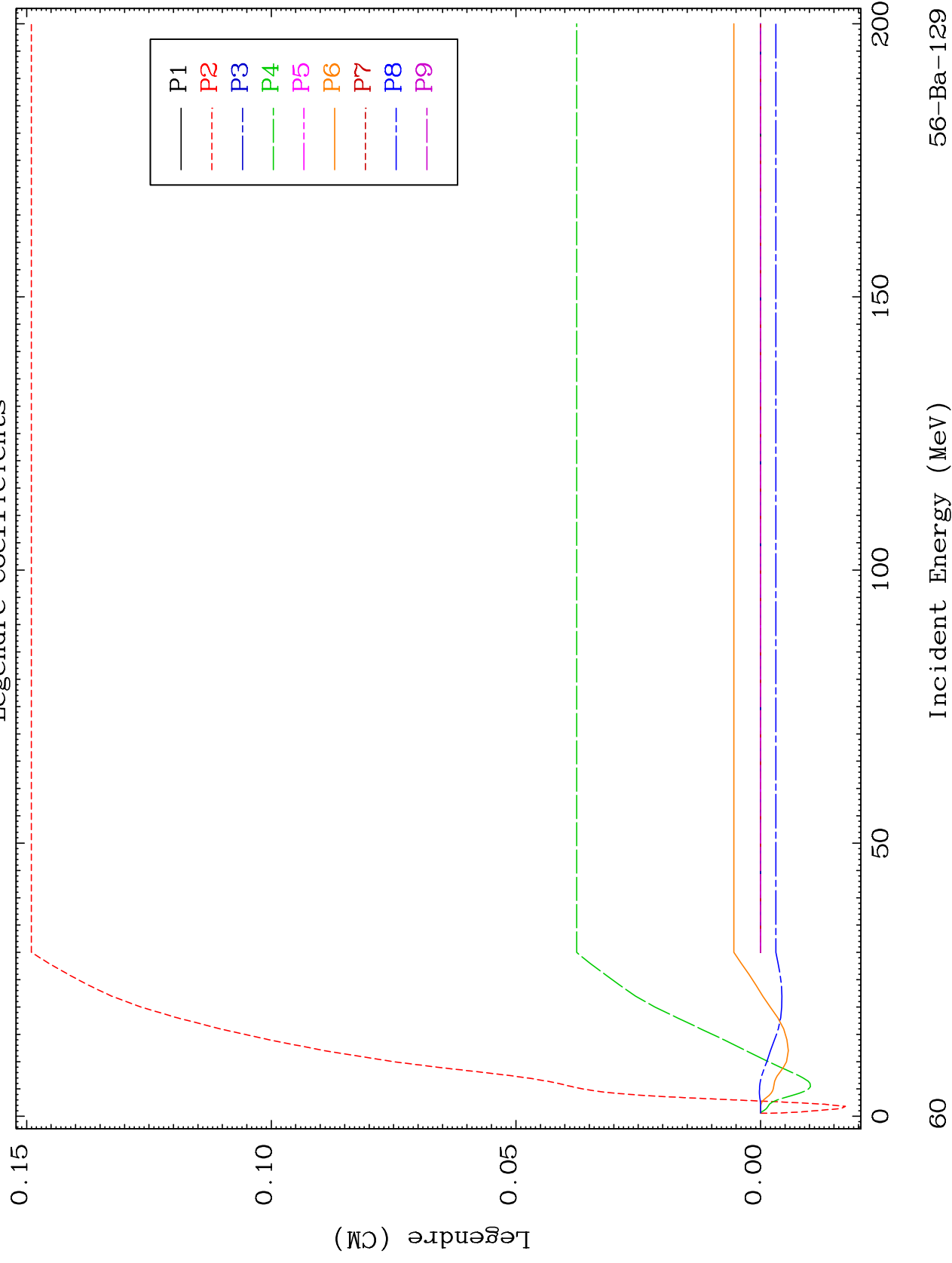
Incident Energy (MeV)

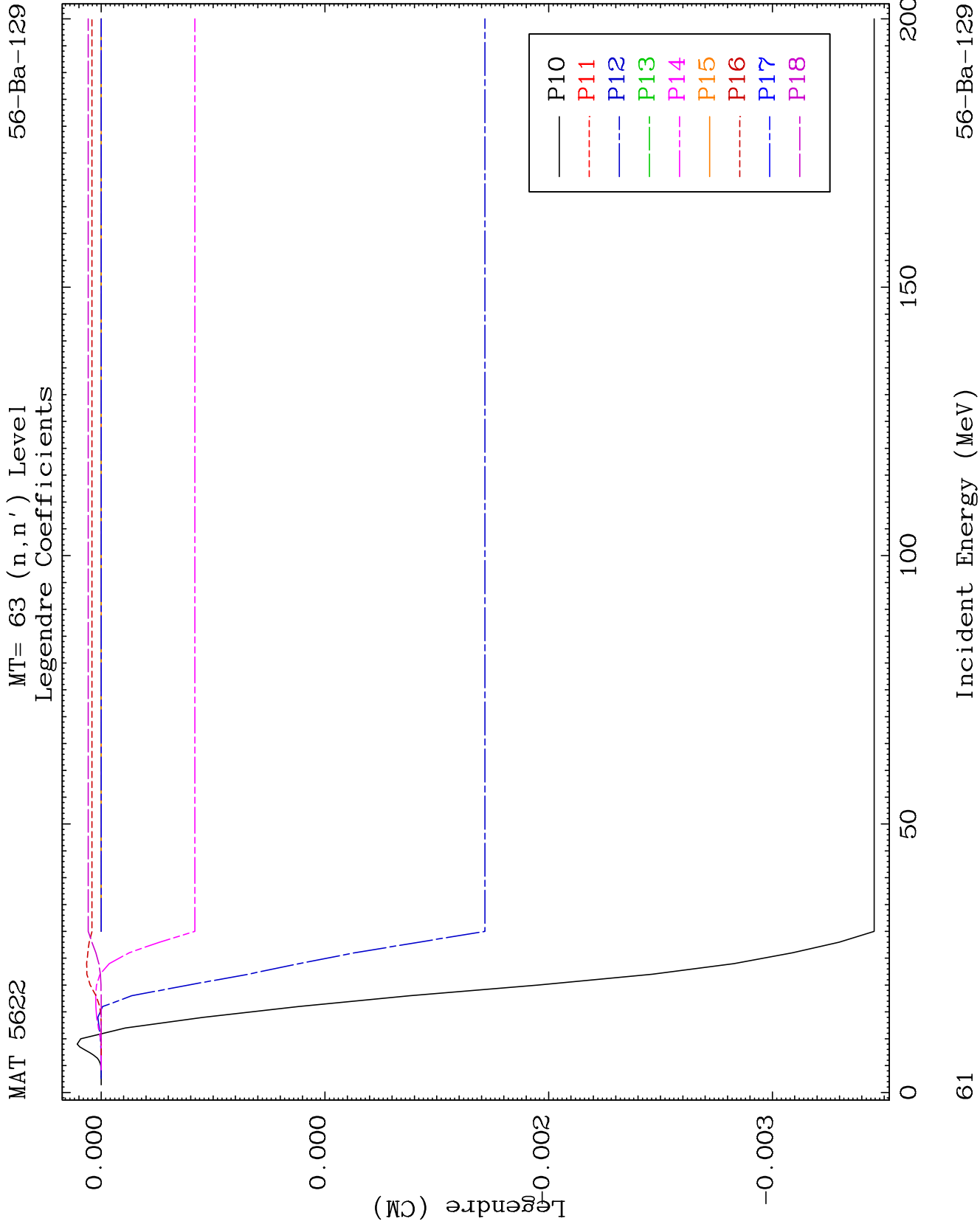
56-Ba-129

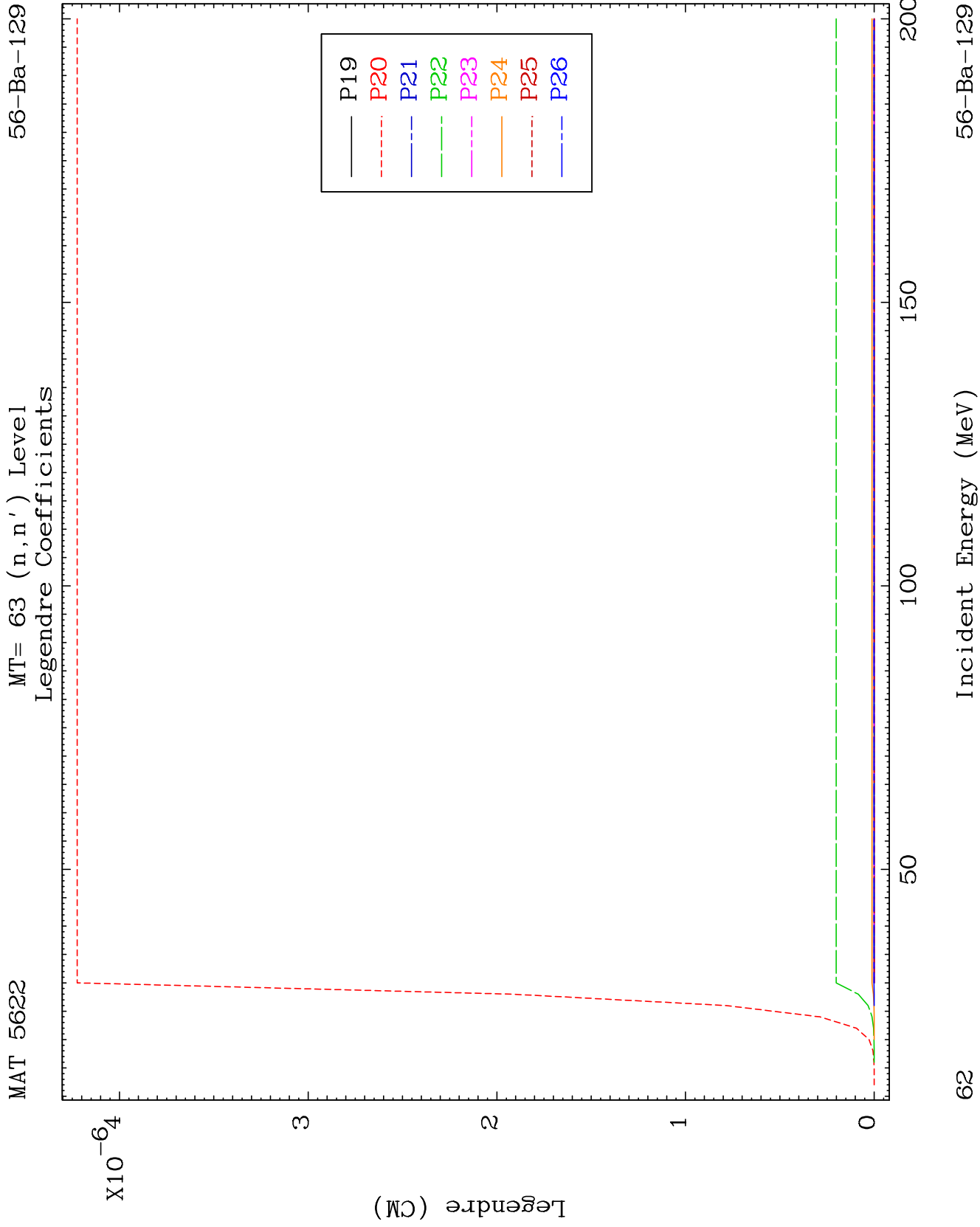
MAT 5622

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

56-Ba-129



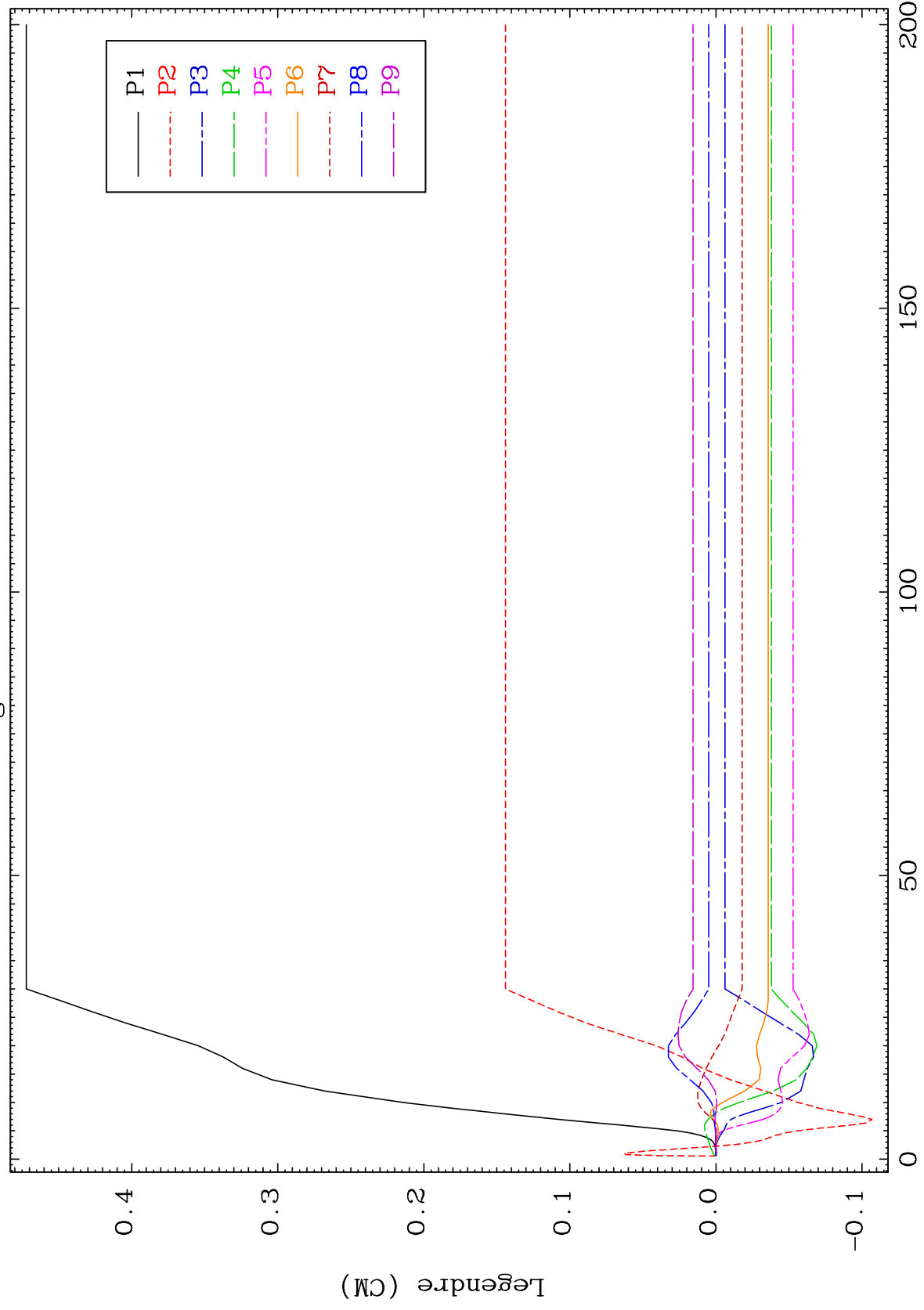




MAT 5622

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

56-Ba-129



36

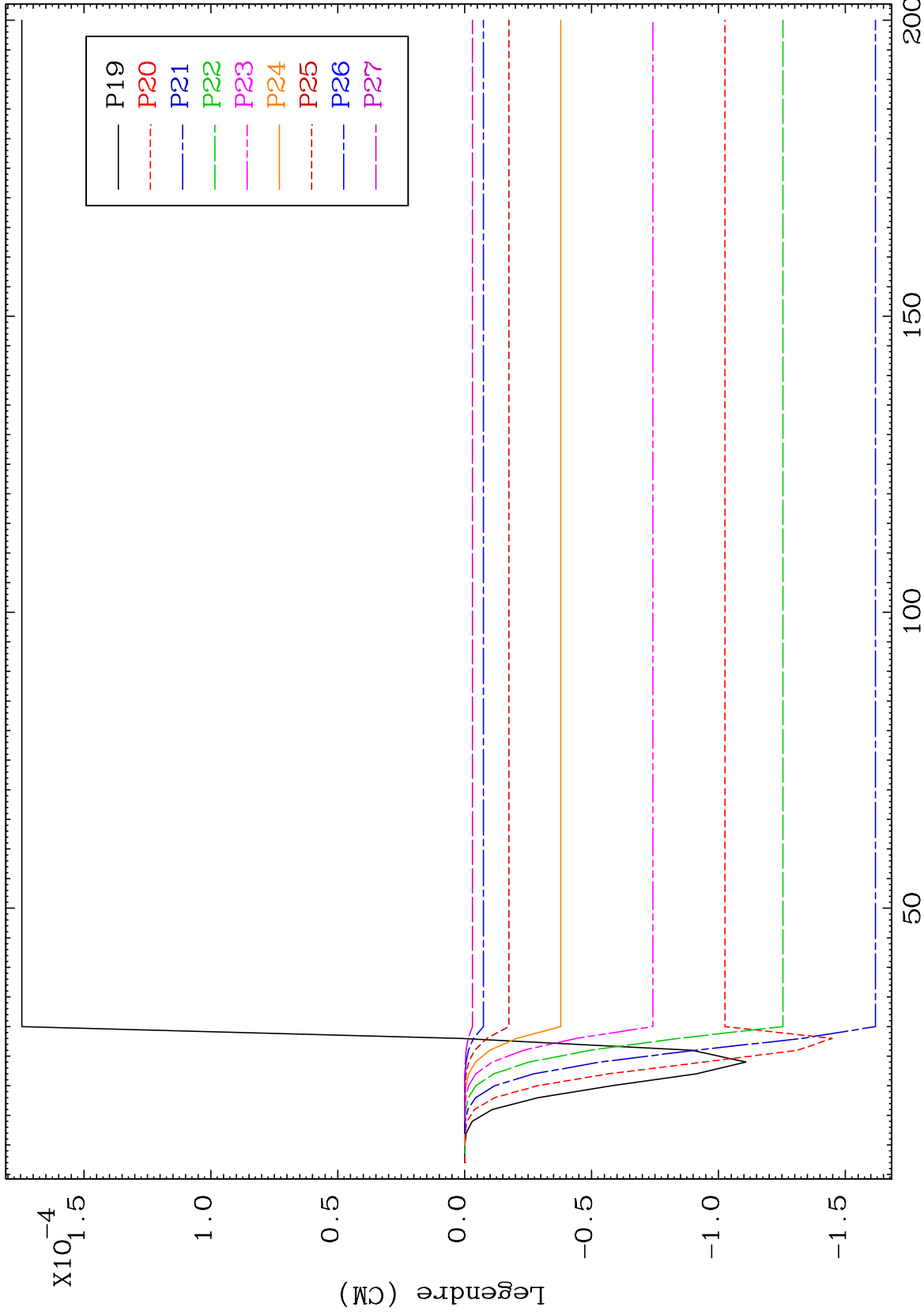
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

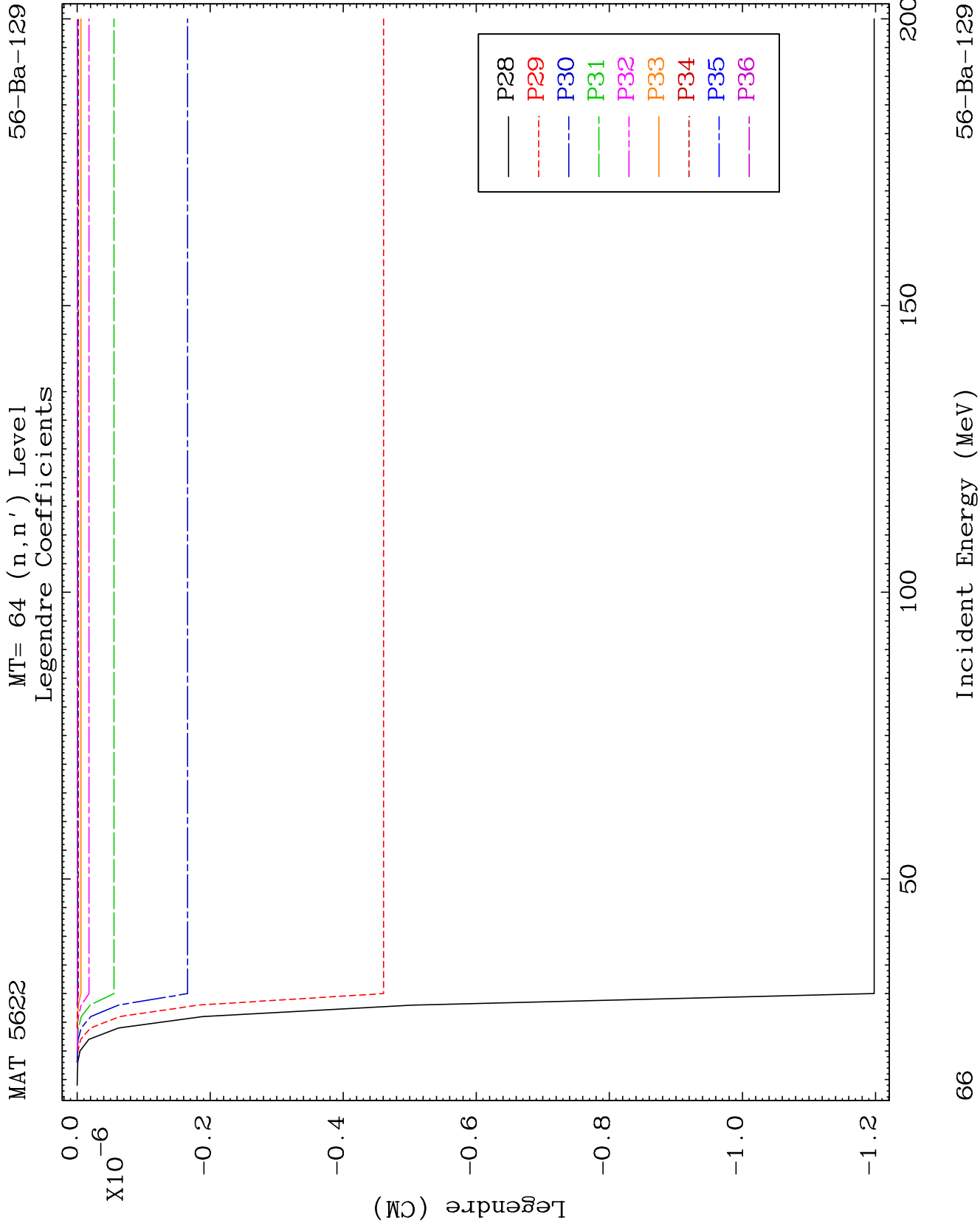
56-Ba-129



65

Incident Energy (MeV)

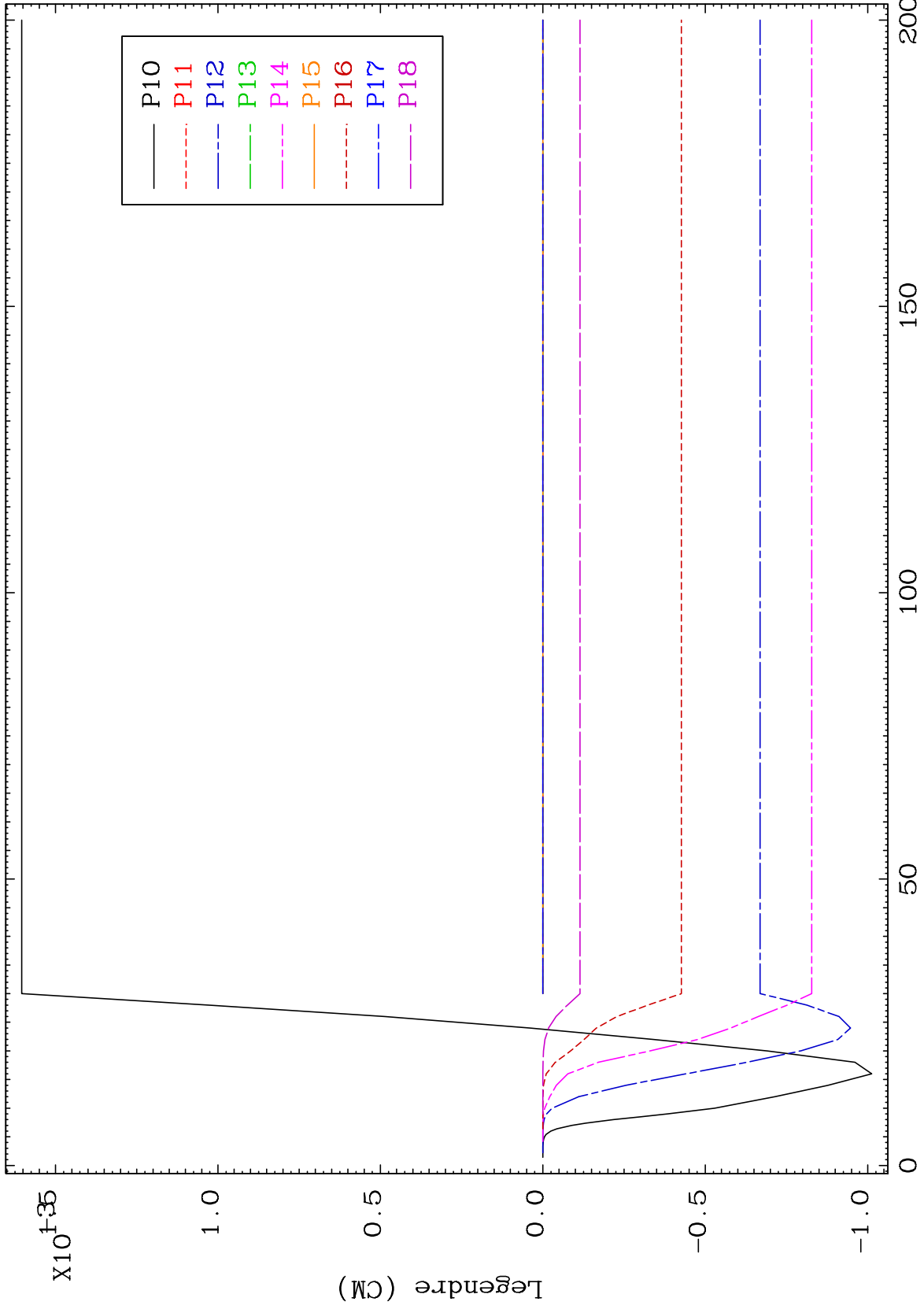
56-Ba-129



MAT 5622

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

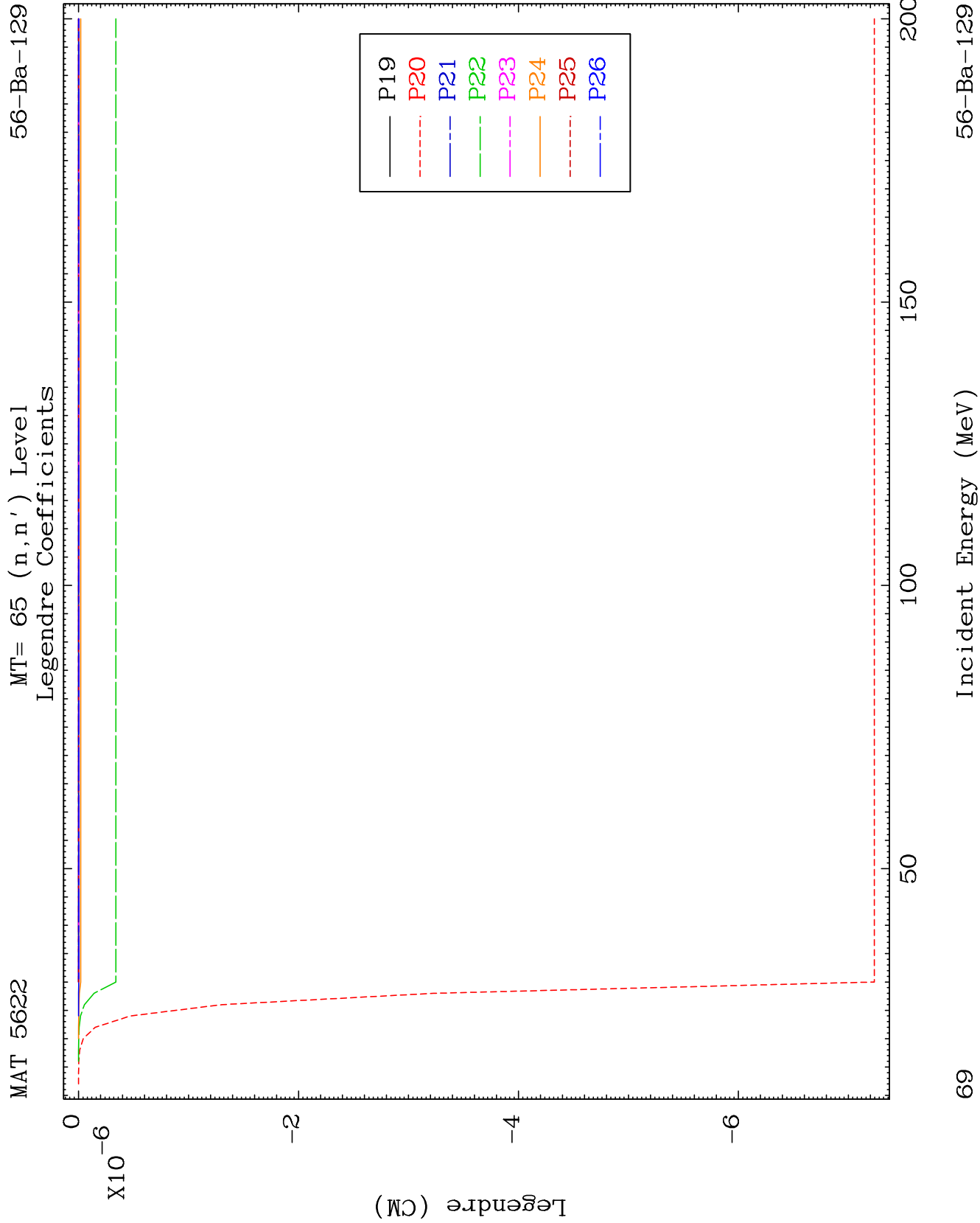
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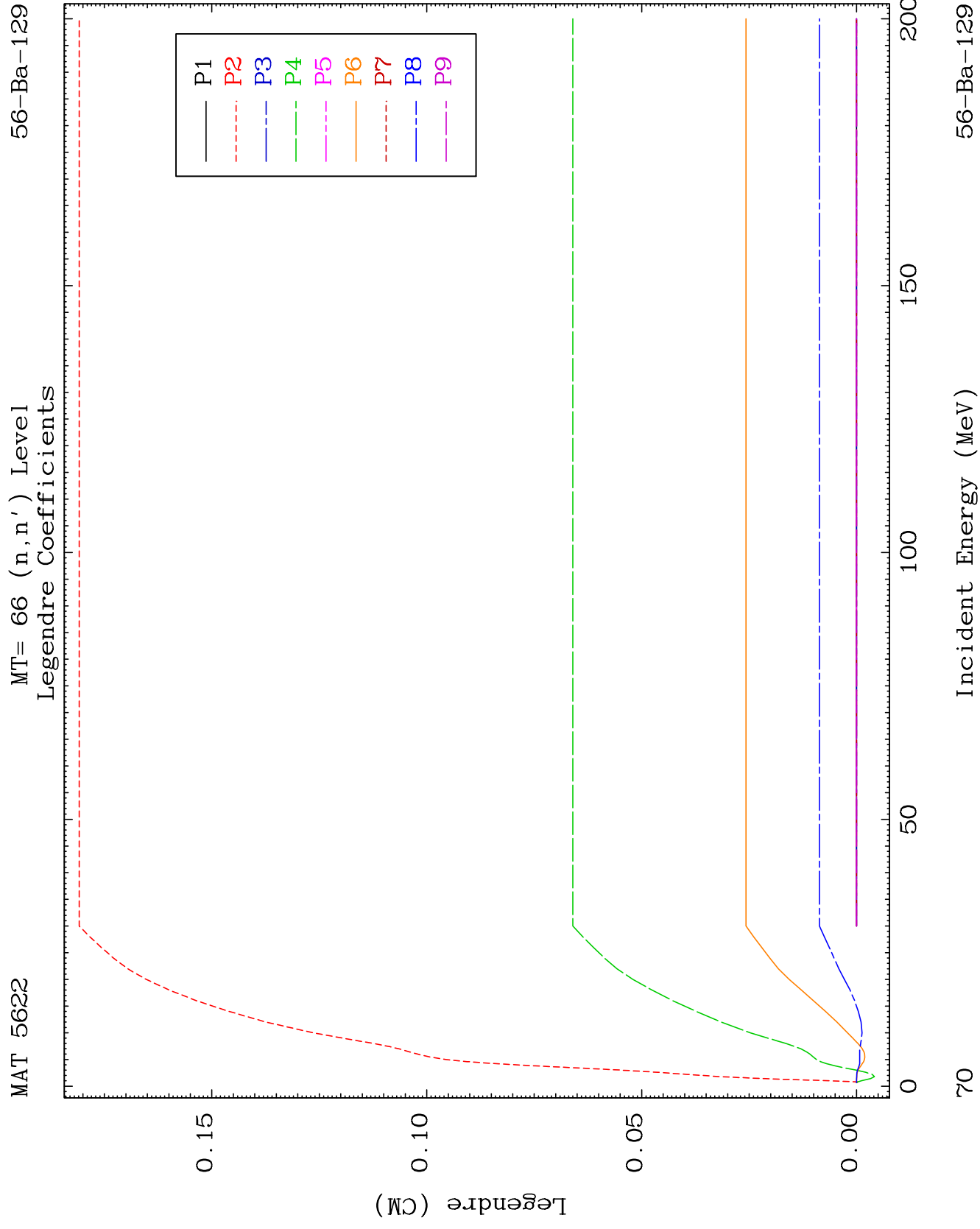


68

Incident Energy (MeV)

56-Ba-129

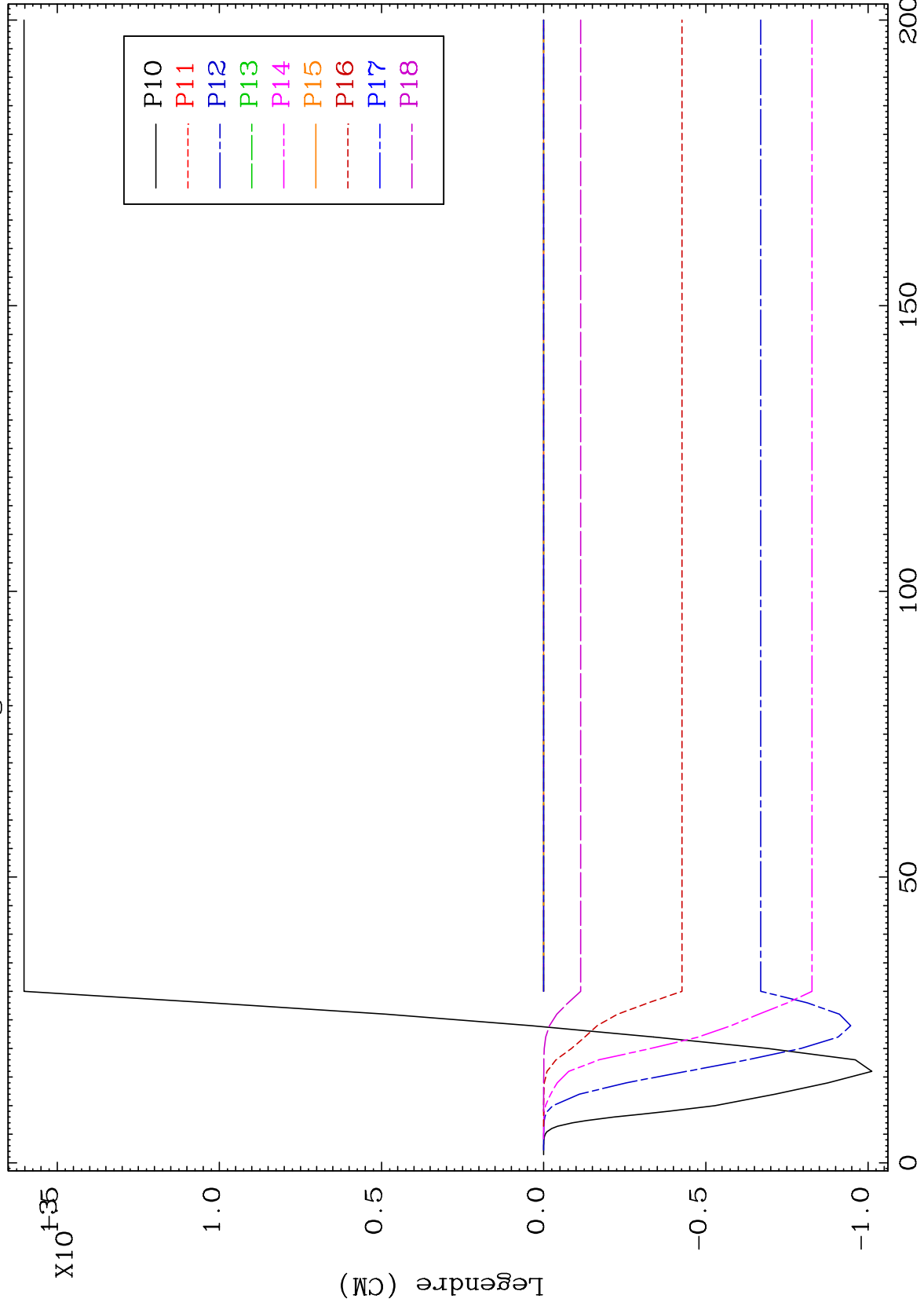




MAT 5622

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

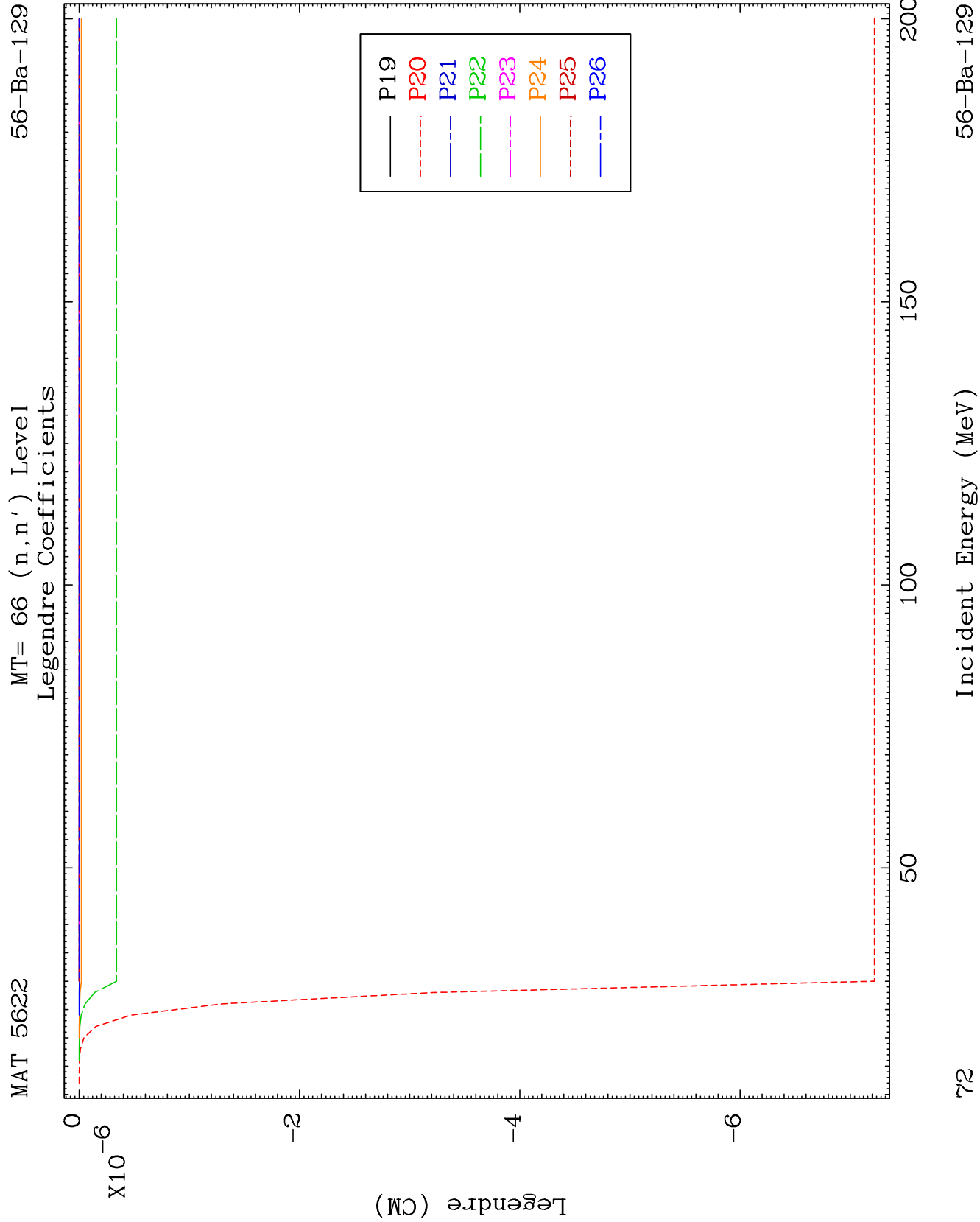
56-Ba-129



71

Incident Energy (MeV)

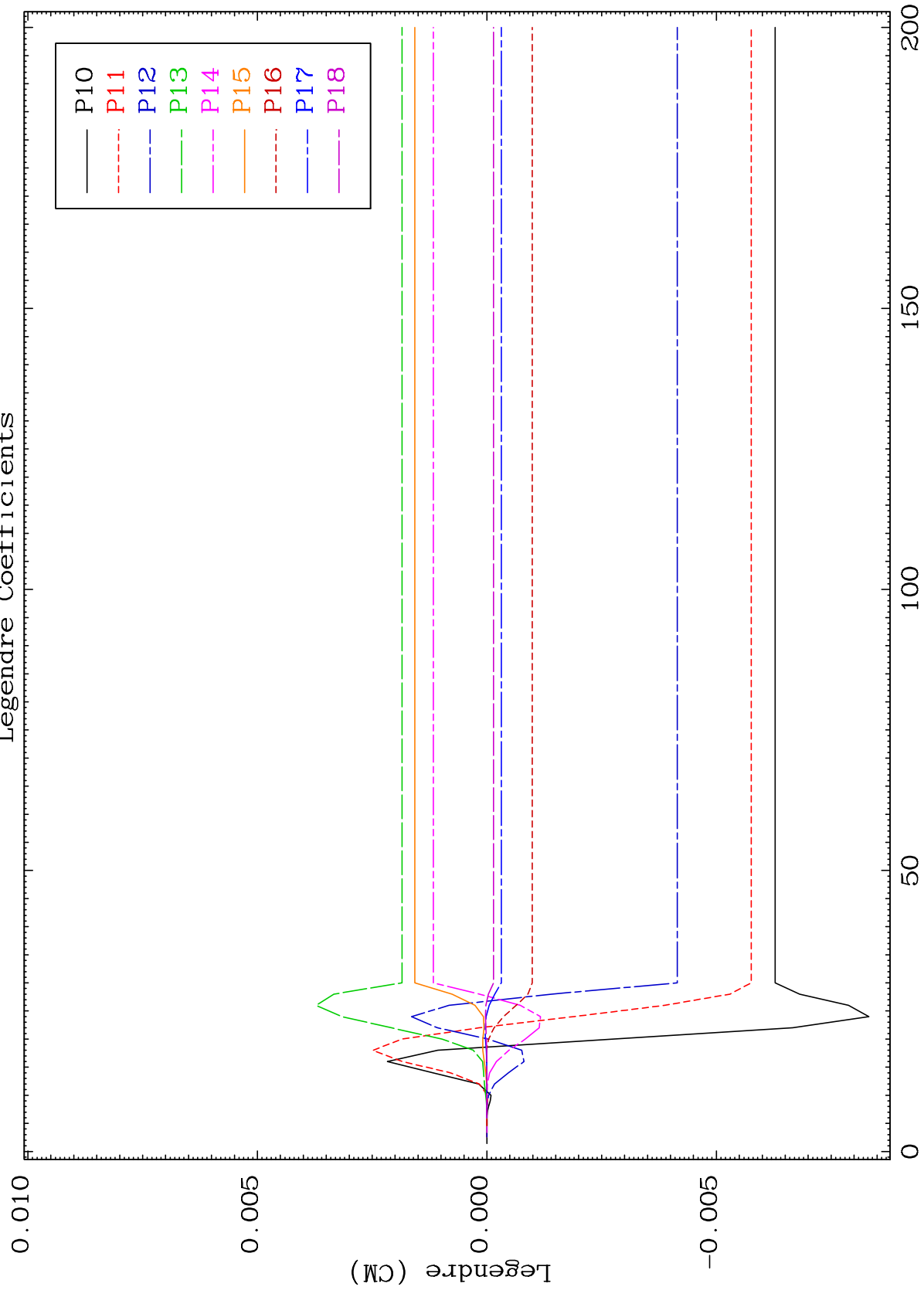
56-Ba-129



MAT 5622

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

56-Ba-129



72

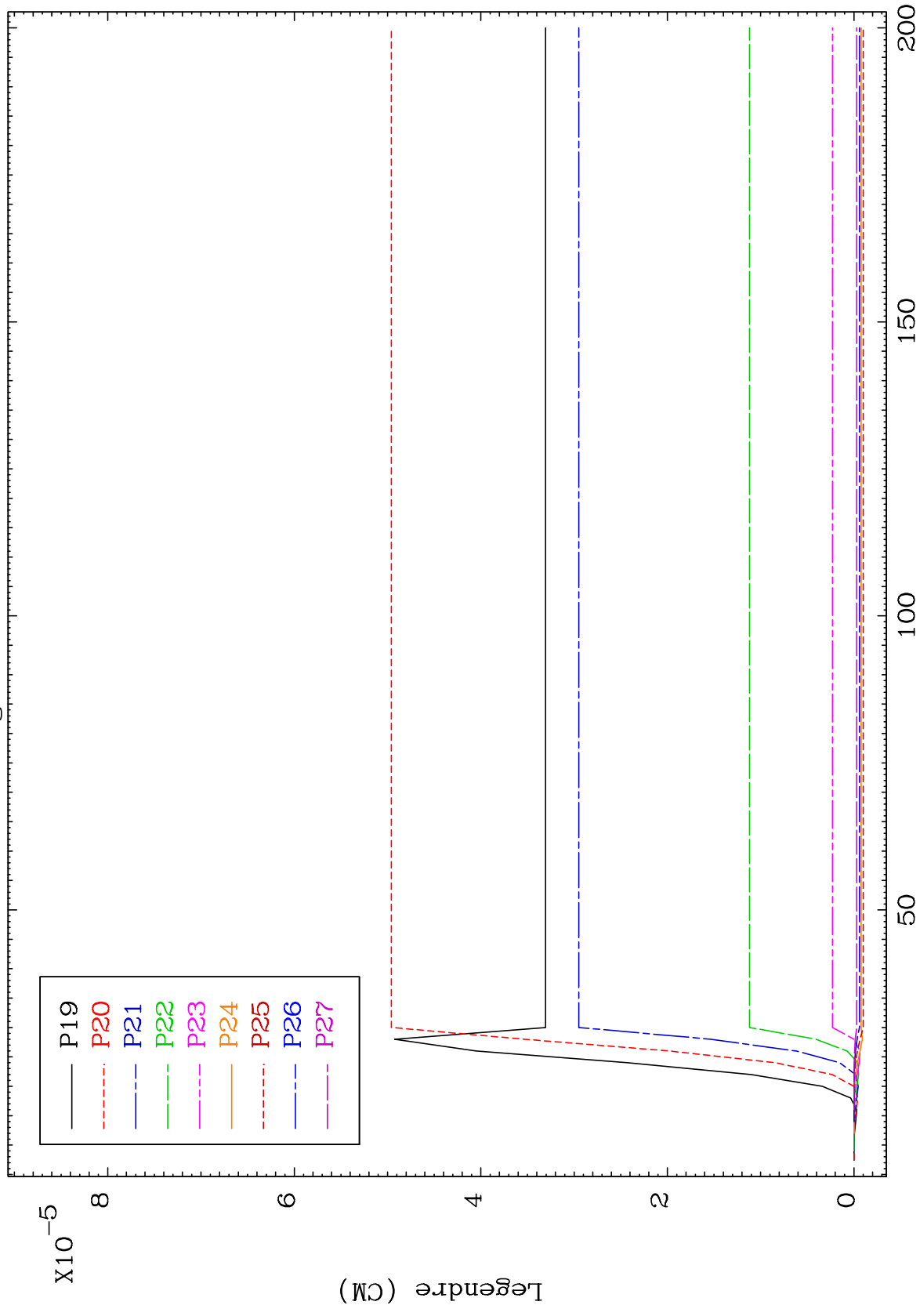
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

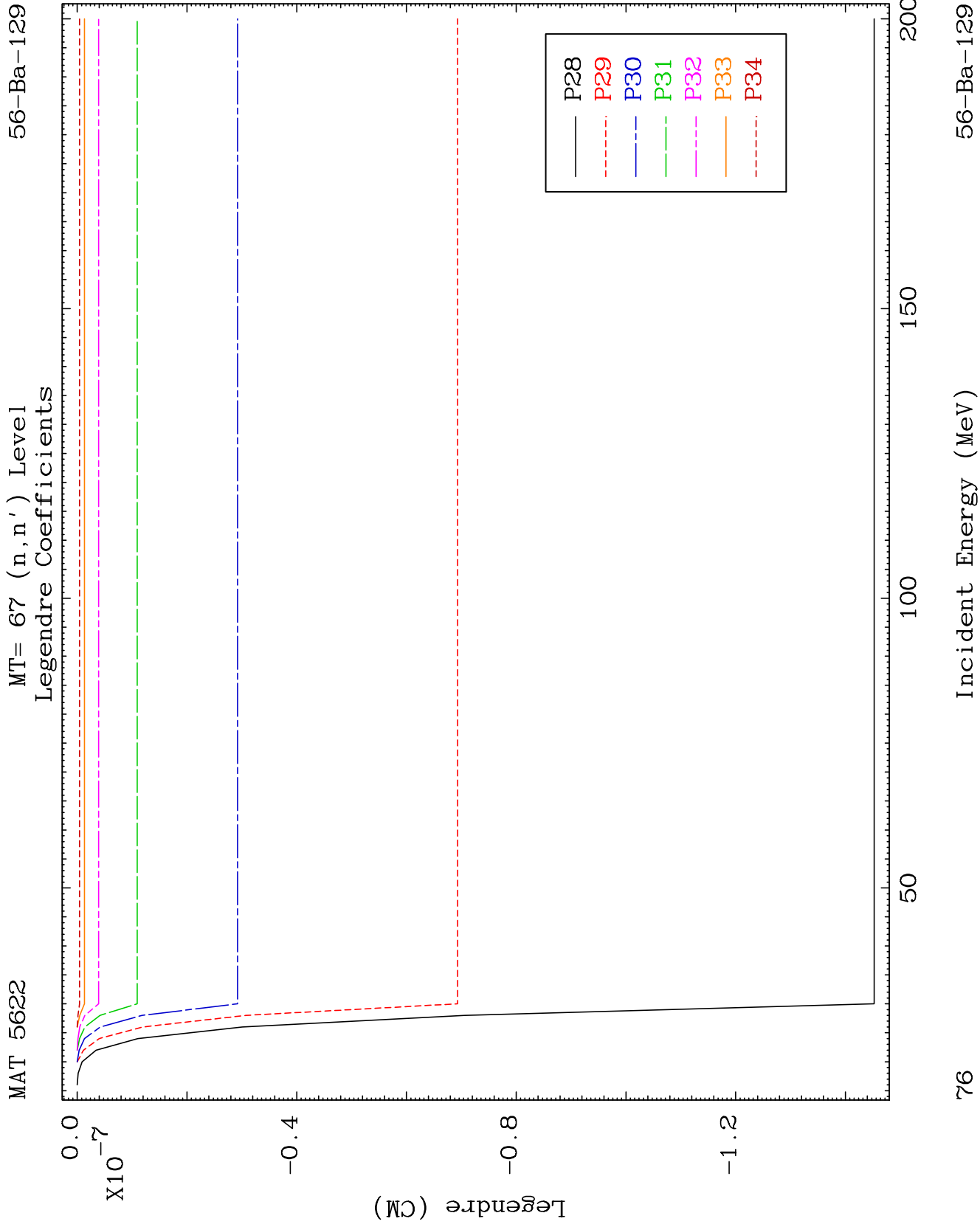
56-Ba-129



52

Incident Energy (MeV)

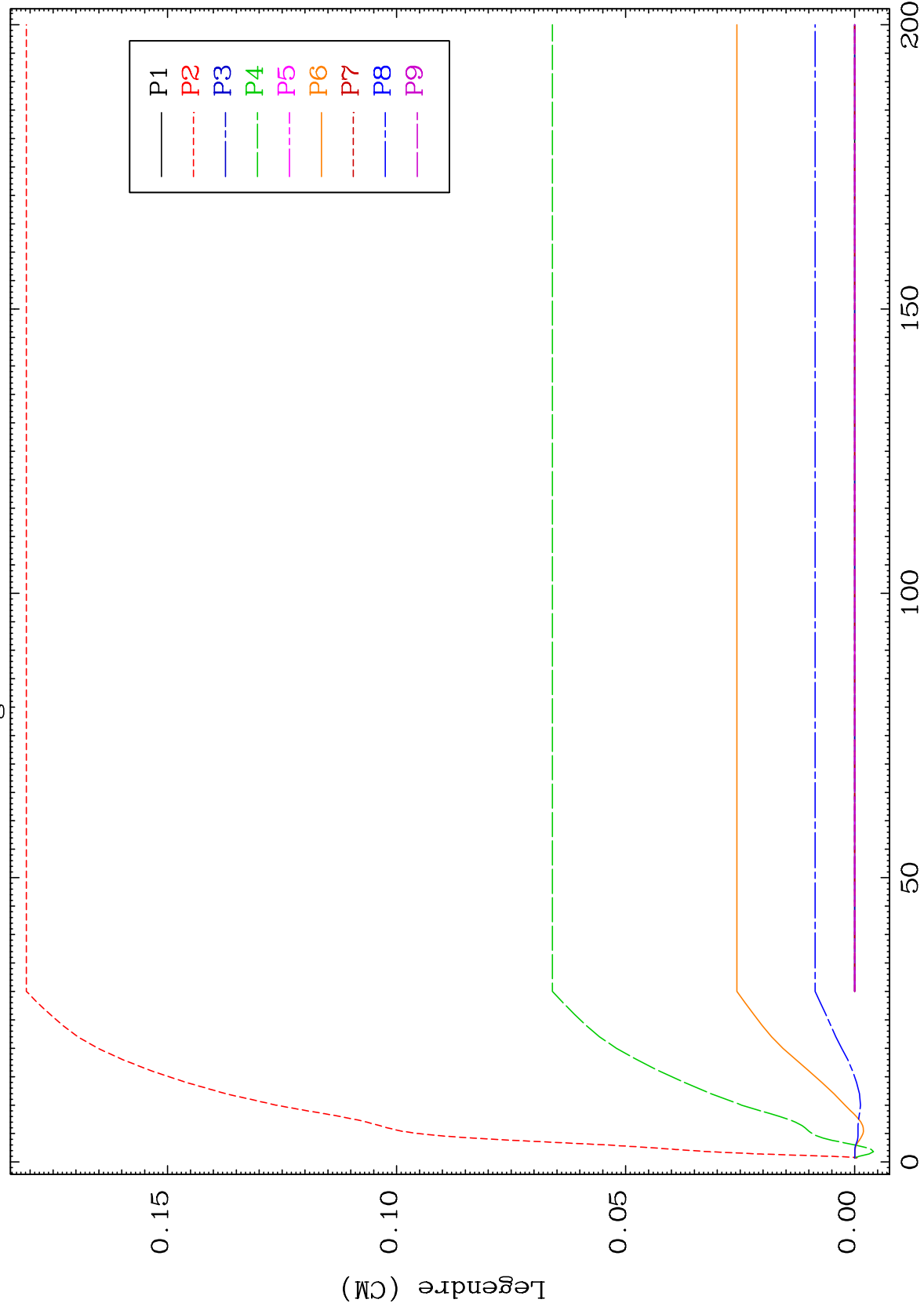
56-Ba-129



MAT 5622

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

56-Ba-129



22

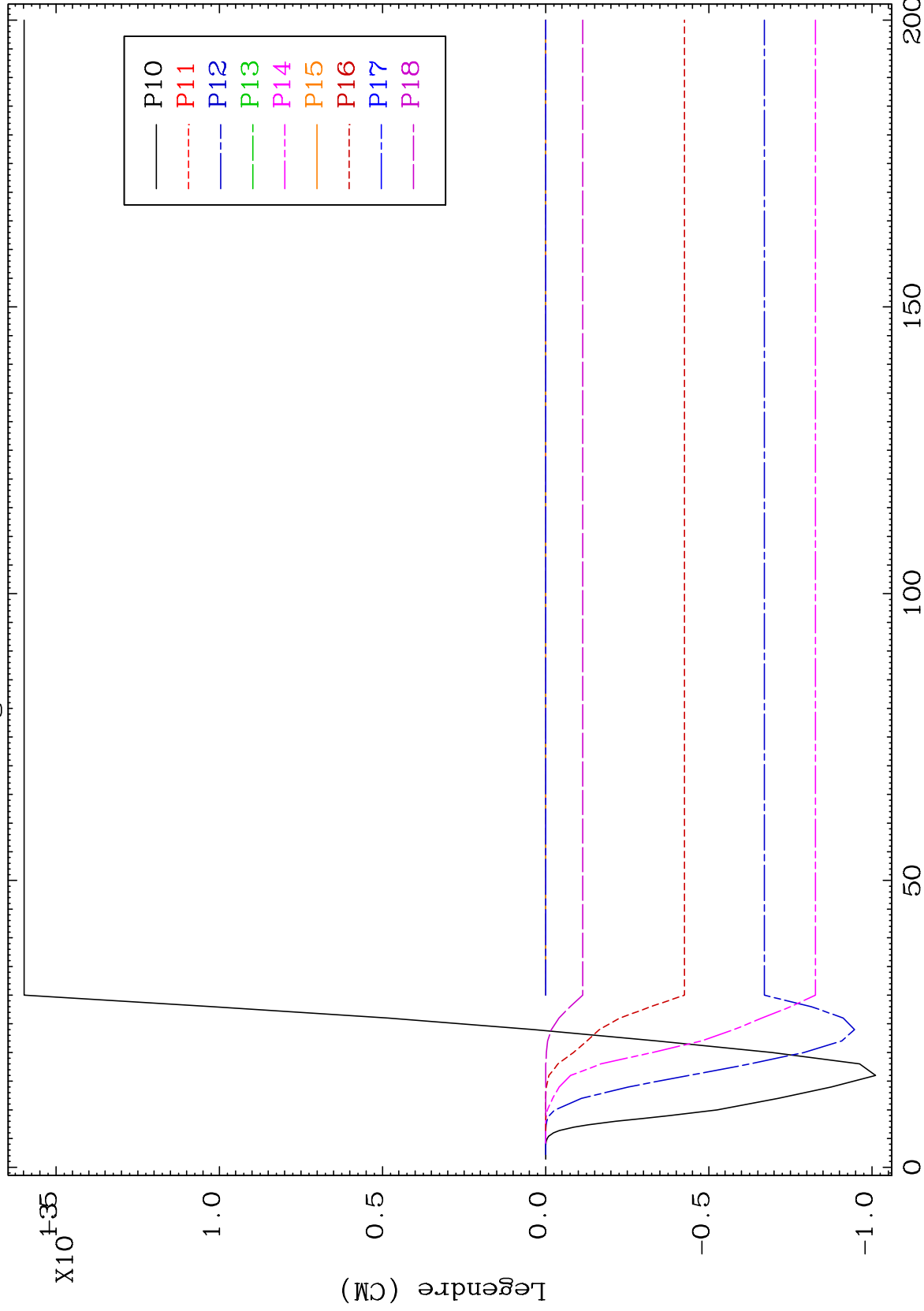
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

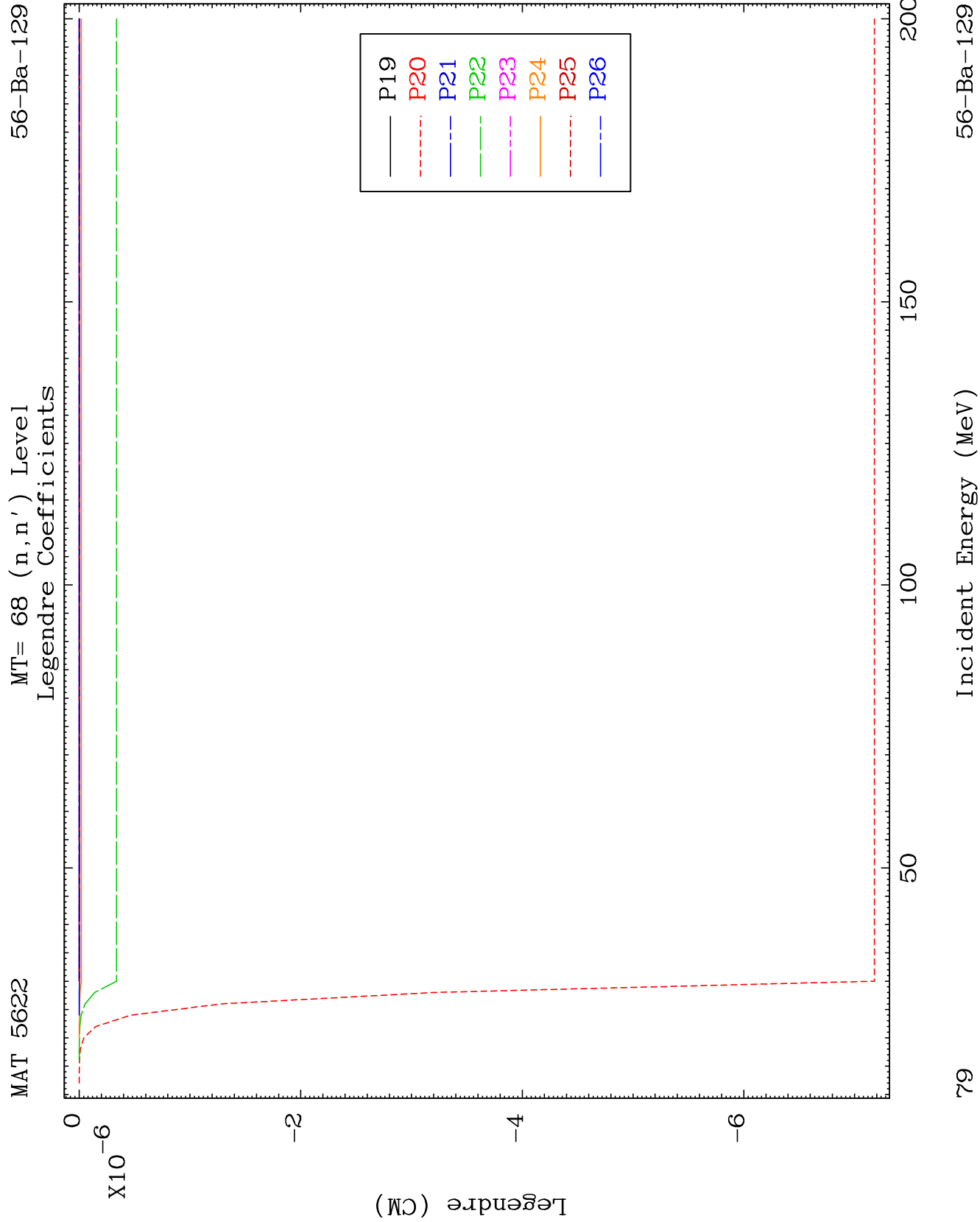
56-Ba-129

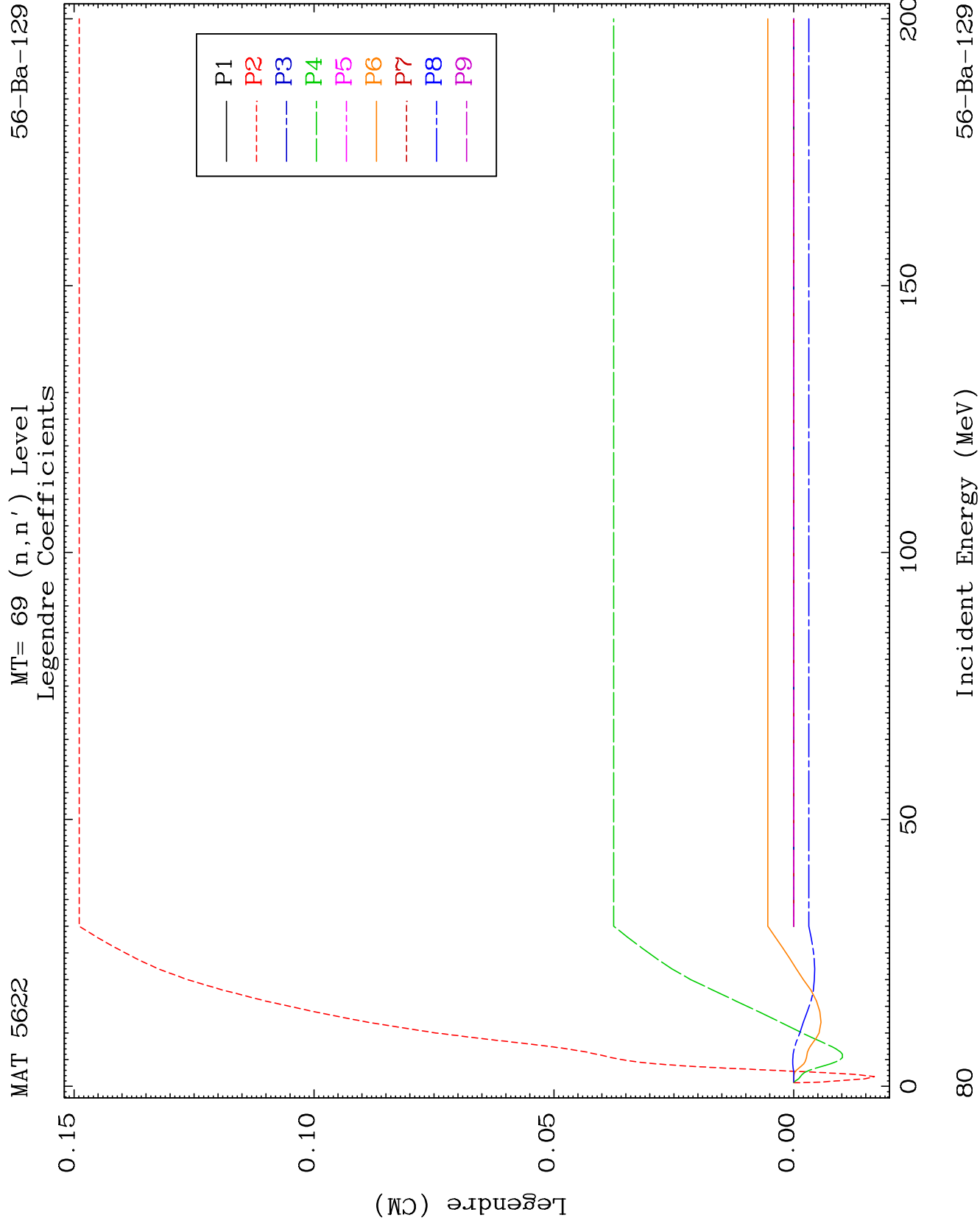


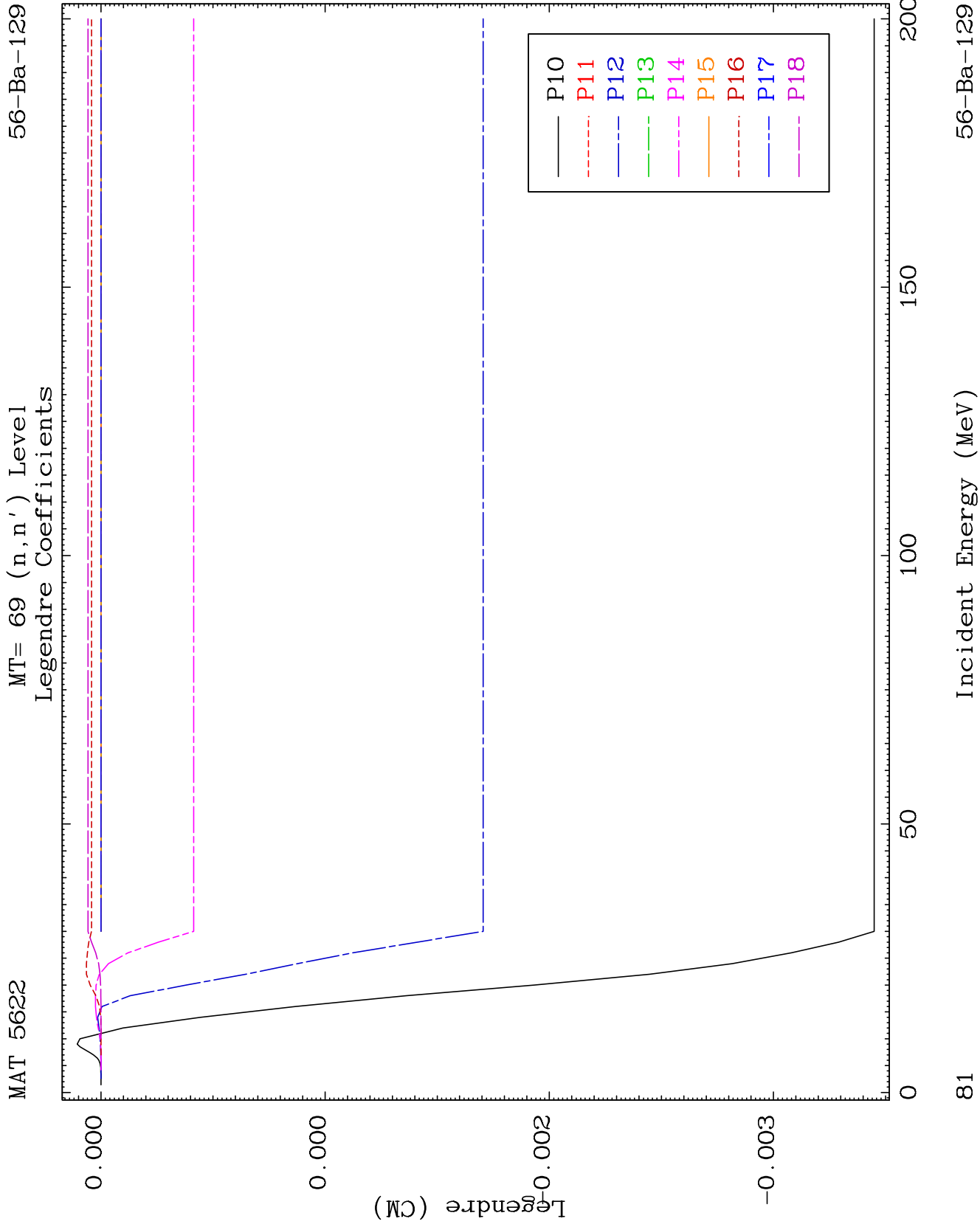
78

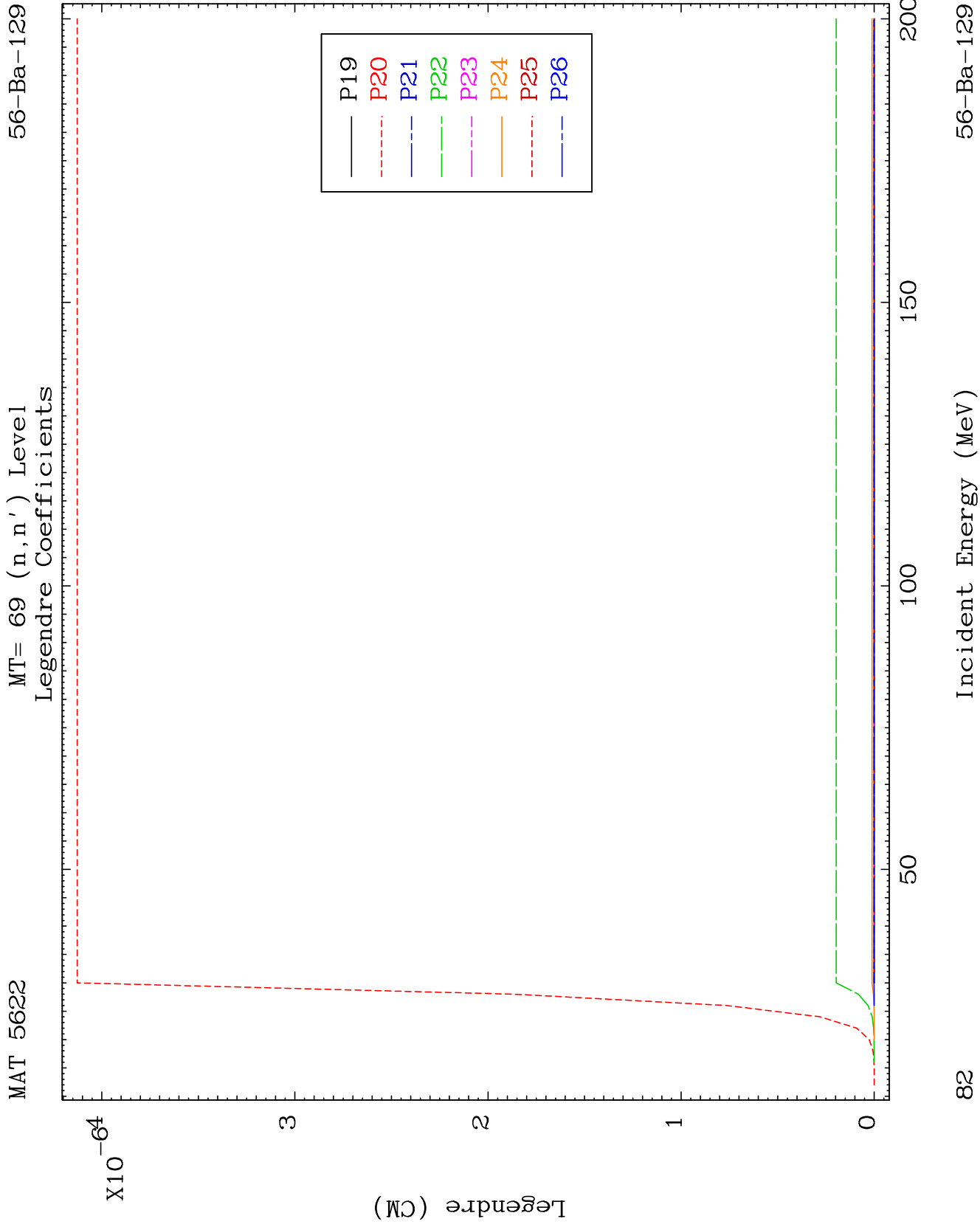
Incident Energy (MeV)

56-Ba-129





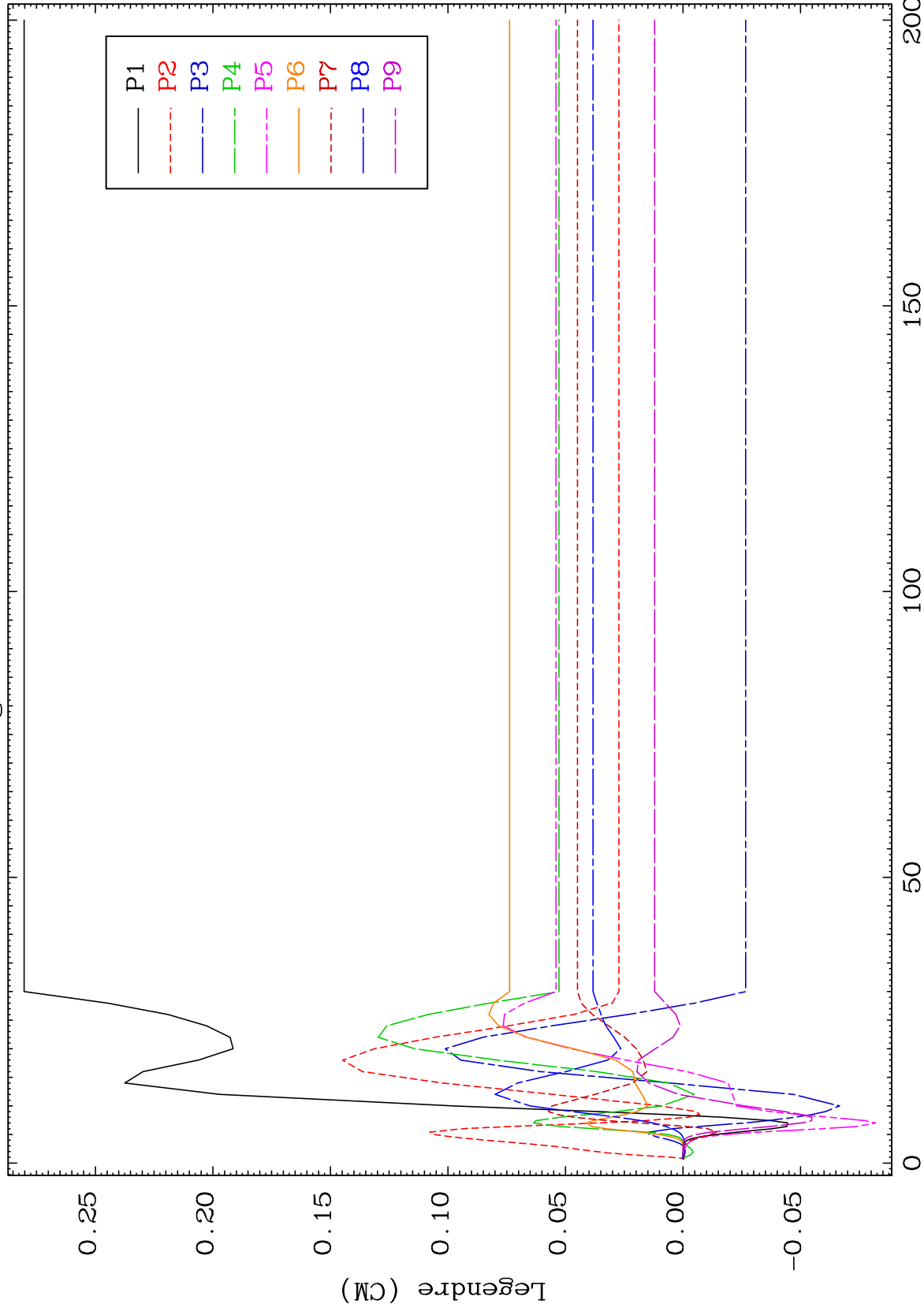




MAT 5622

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

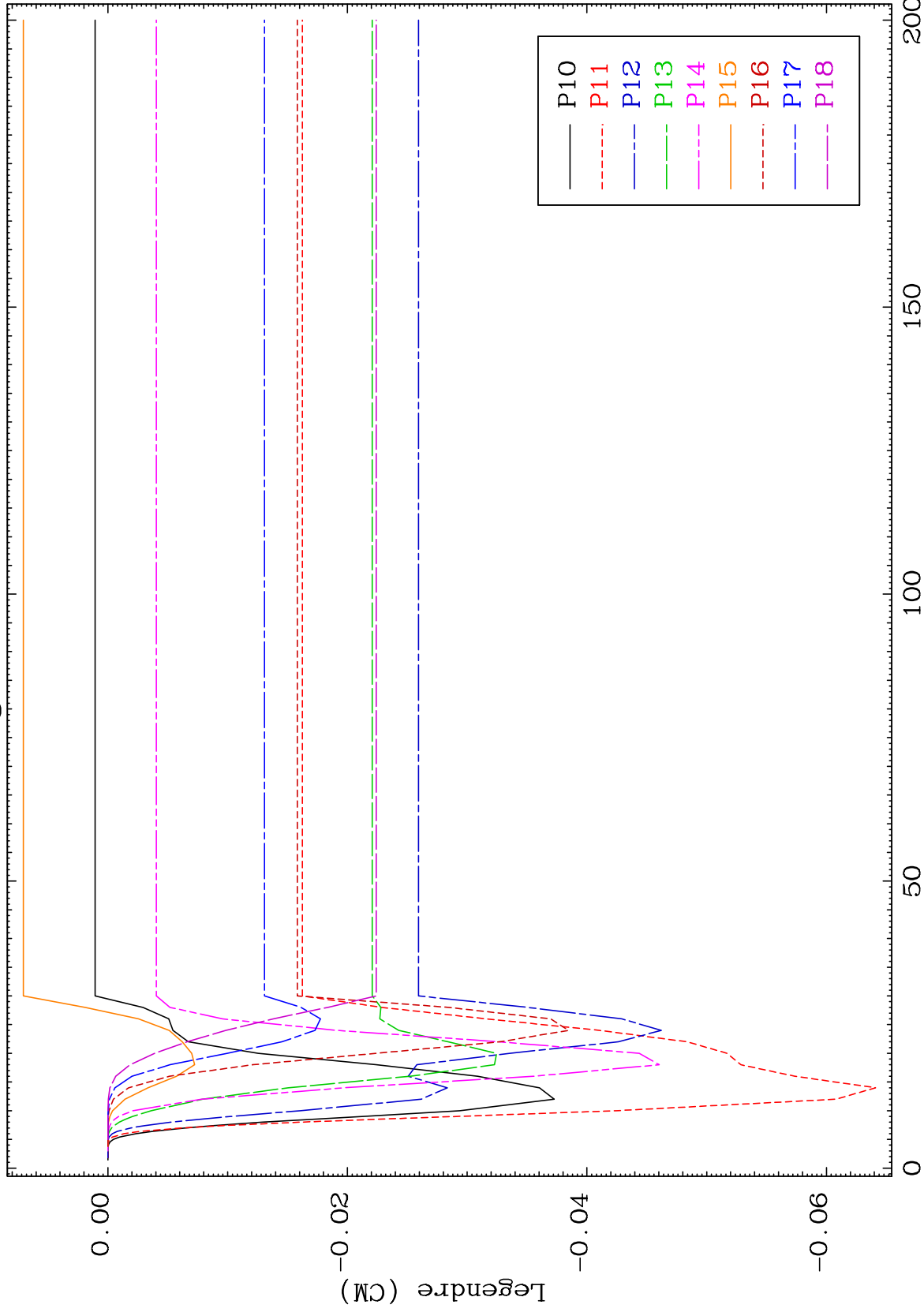
56-Ba-129



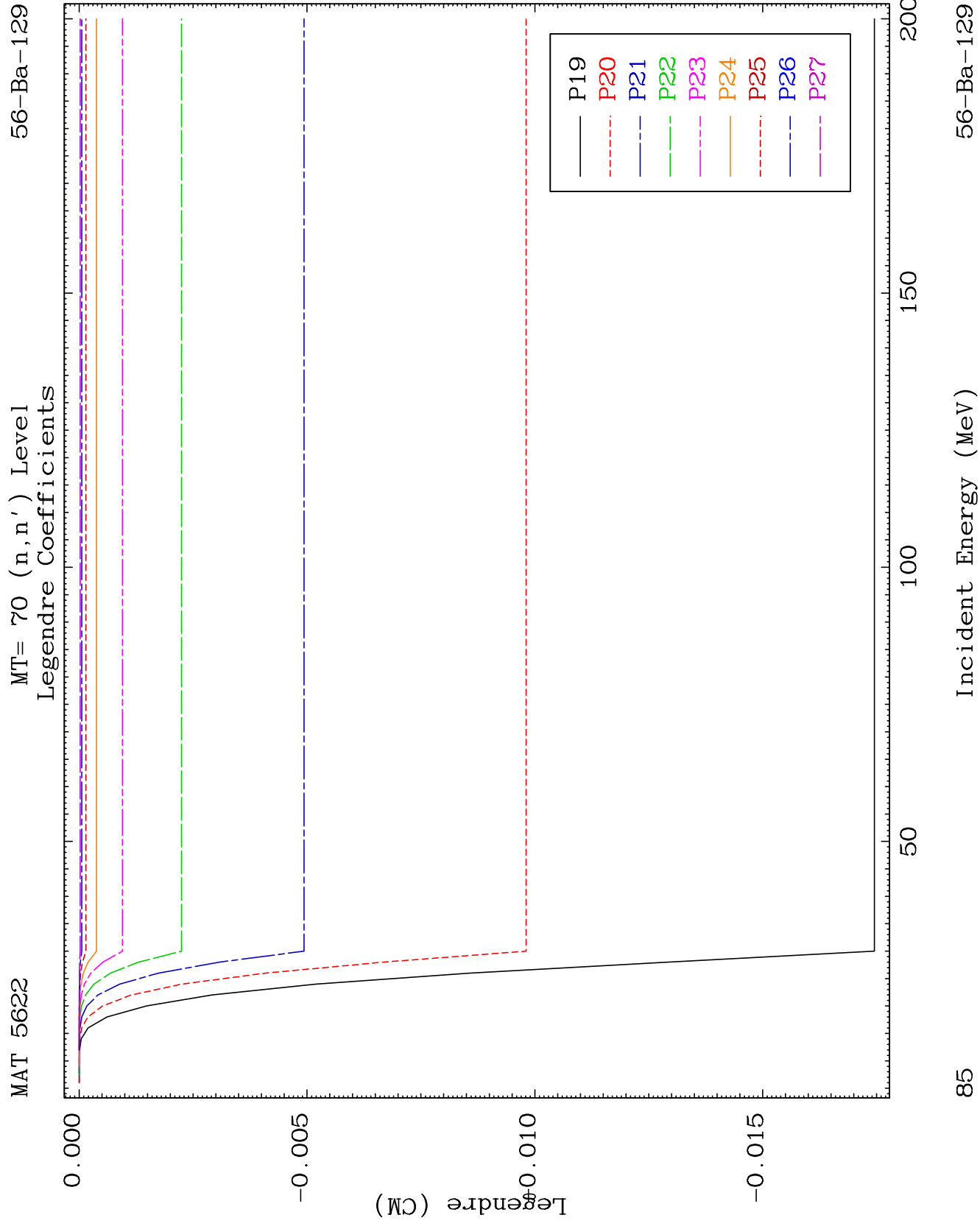
83

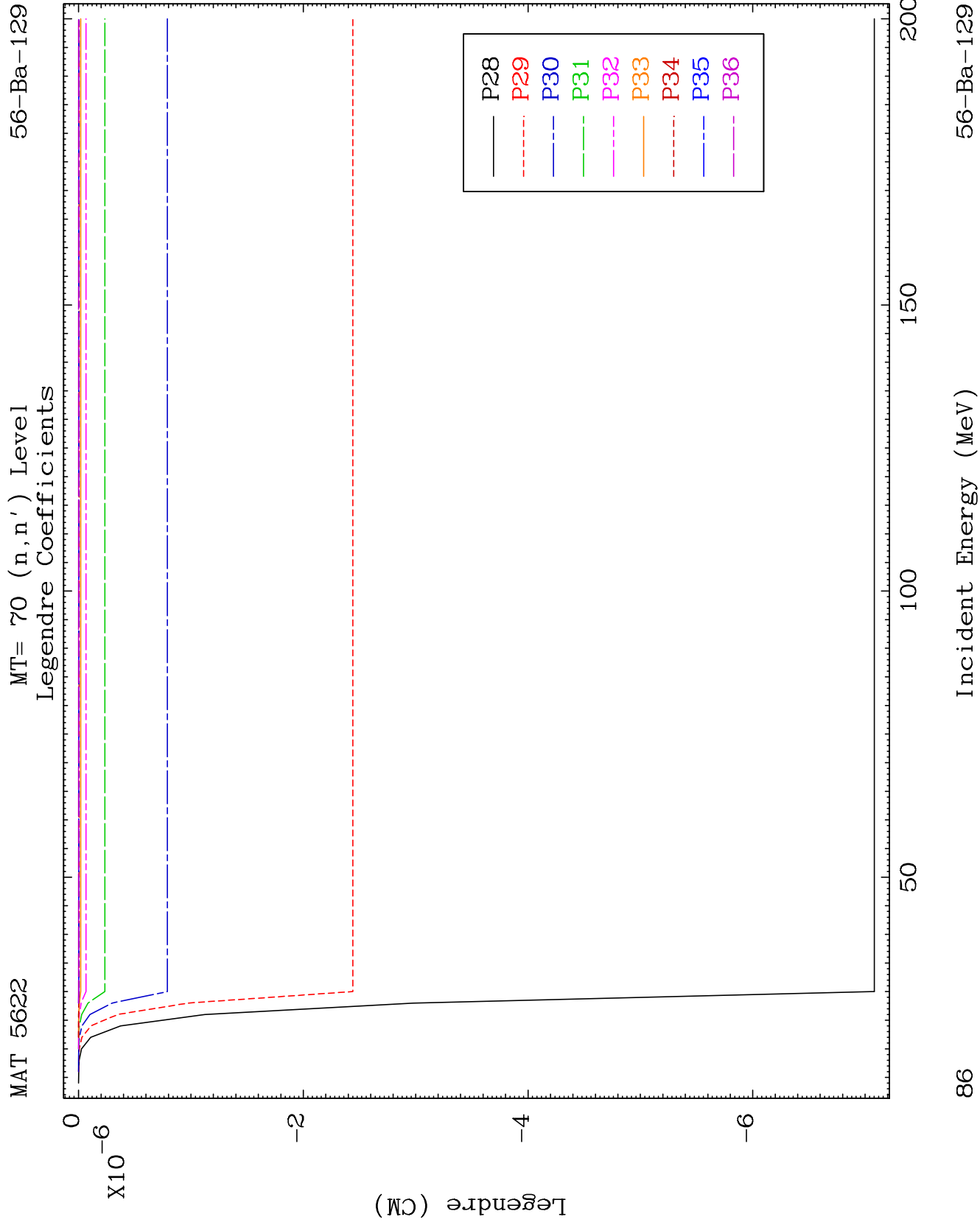
56-Ba-129

MAT 5622 MT= 70 (n,n') Level Legendre Coefficients 56-Ba-129



84 56-Ba-129

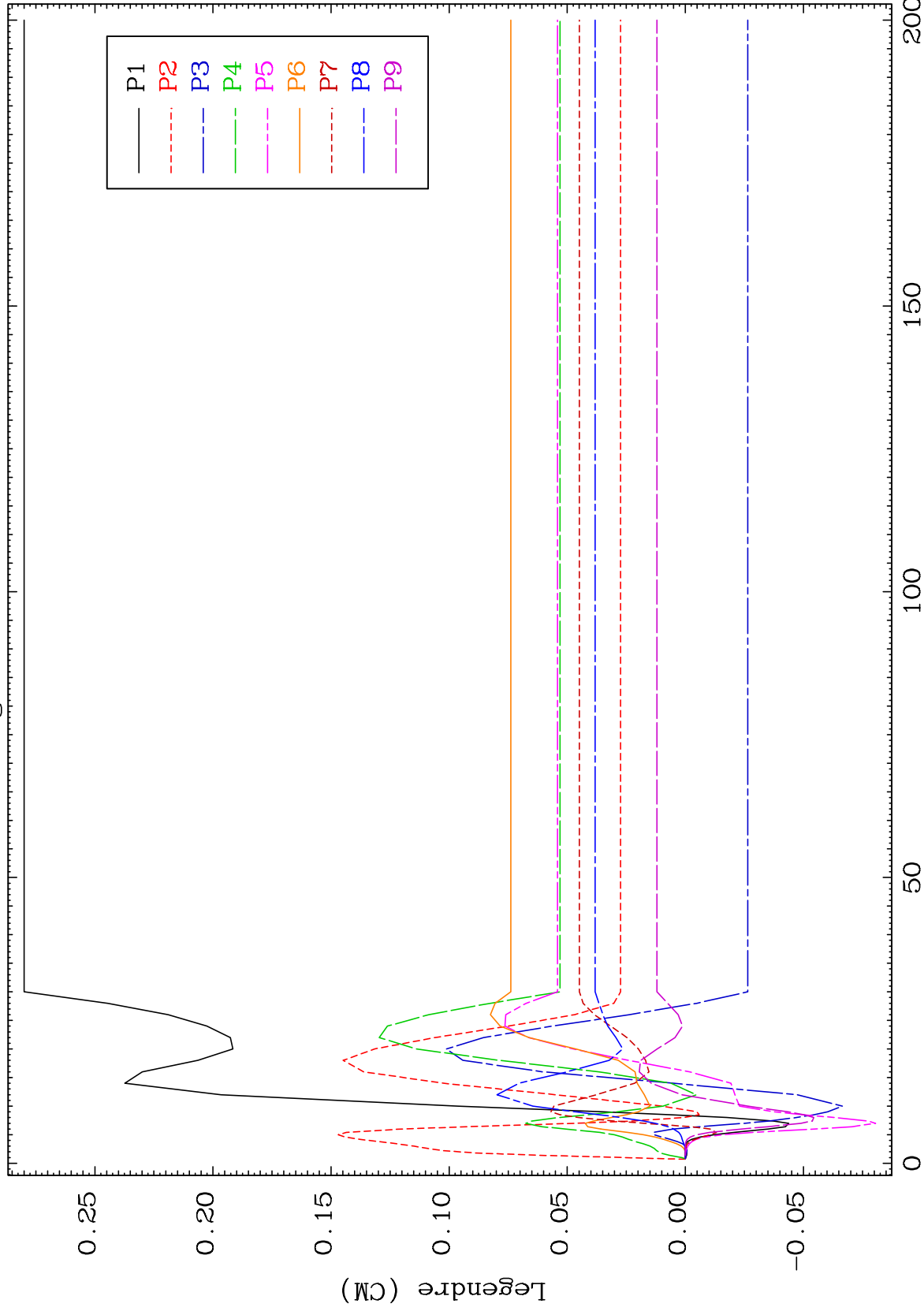




MAT 5622

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

56-Ba-129



87

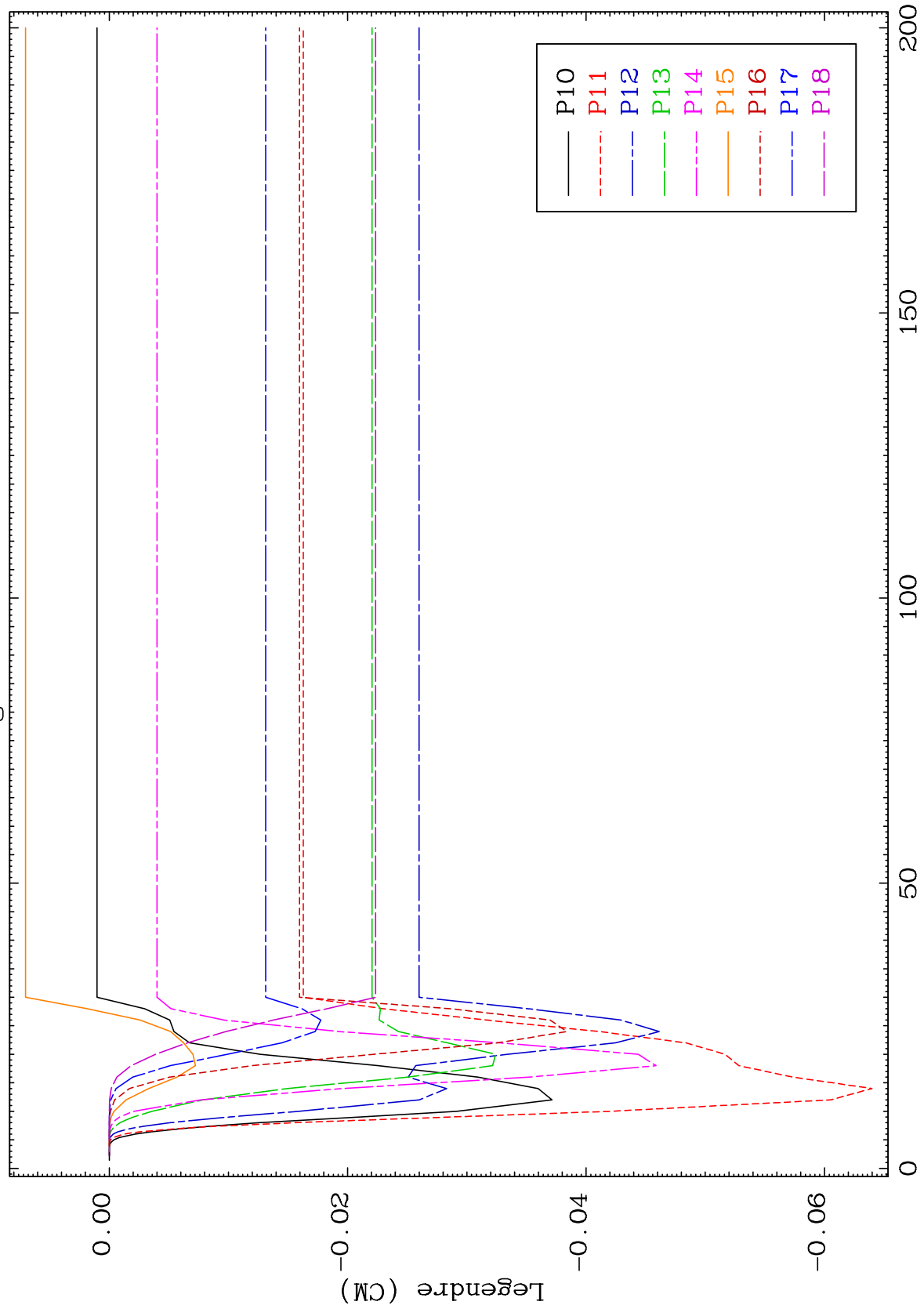
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

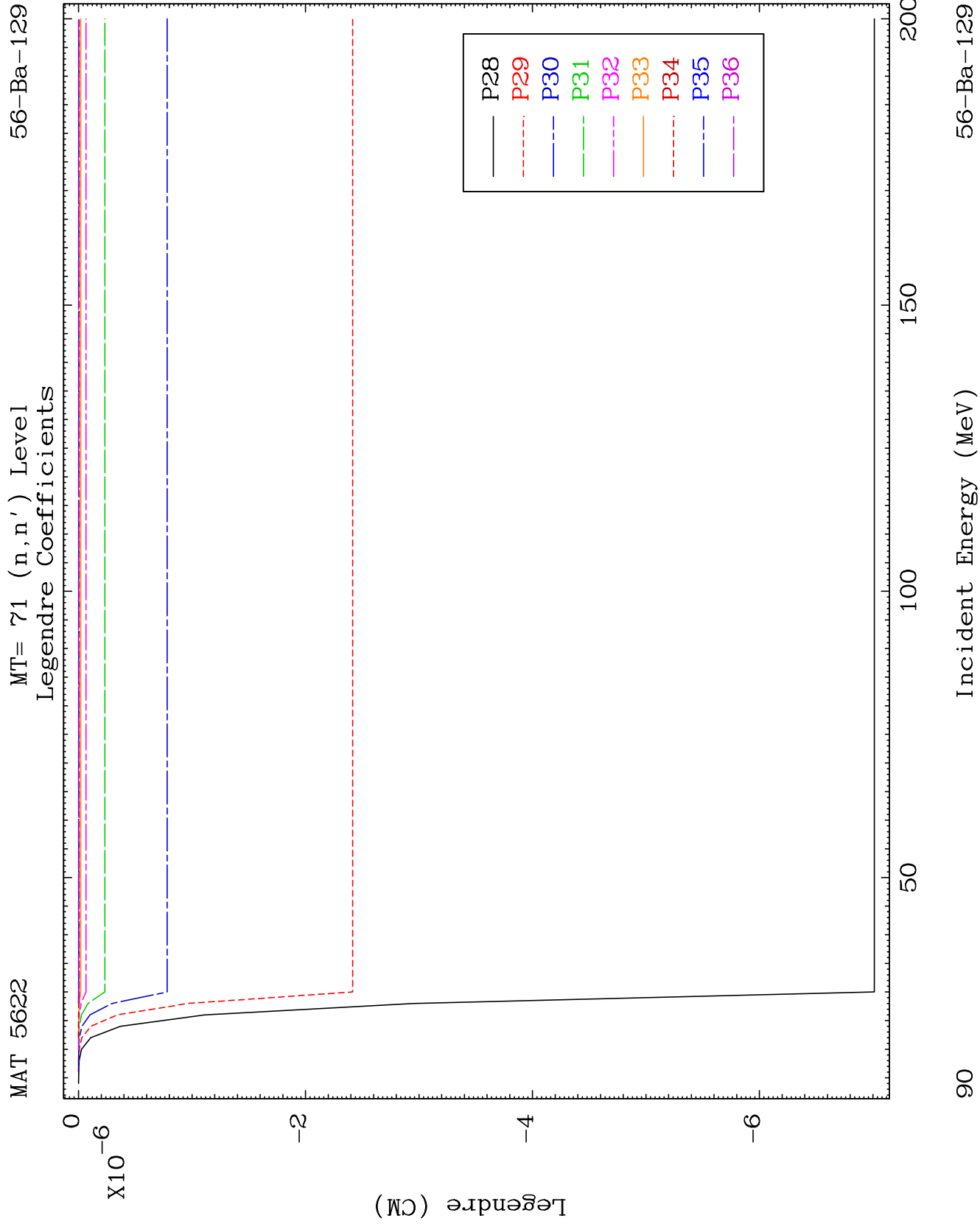
56-Ba-129



88

Incident Energy (MeV)

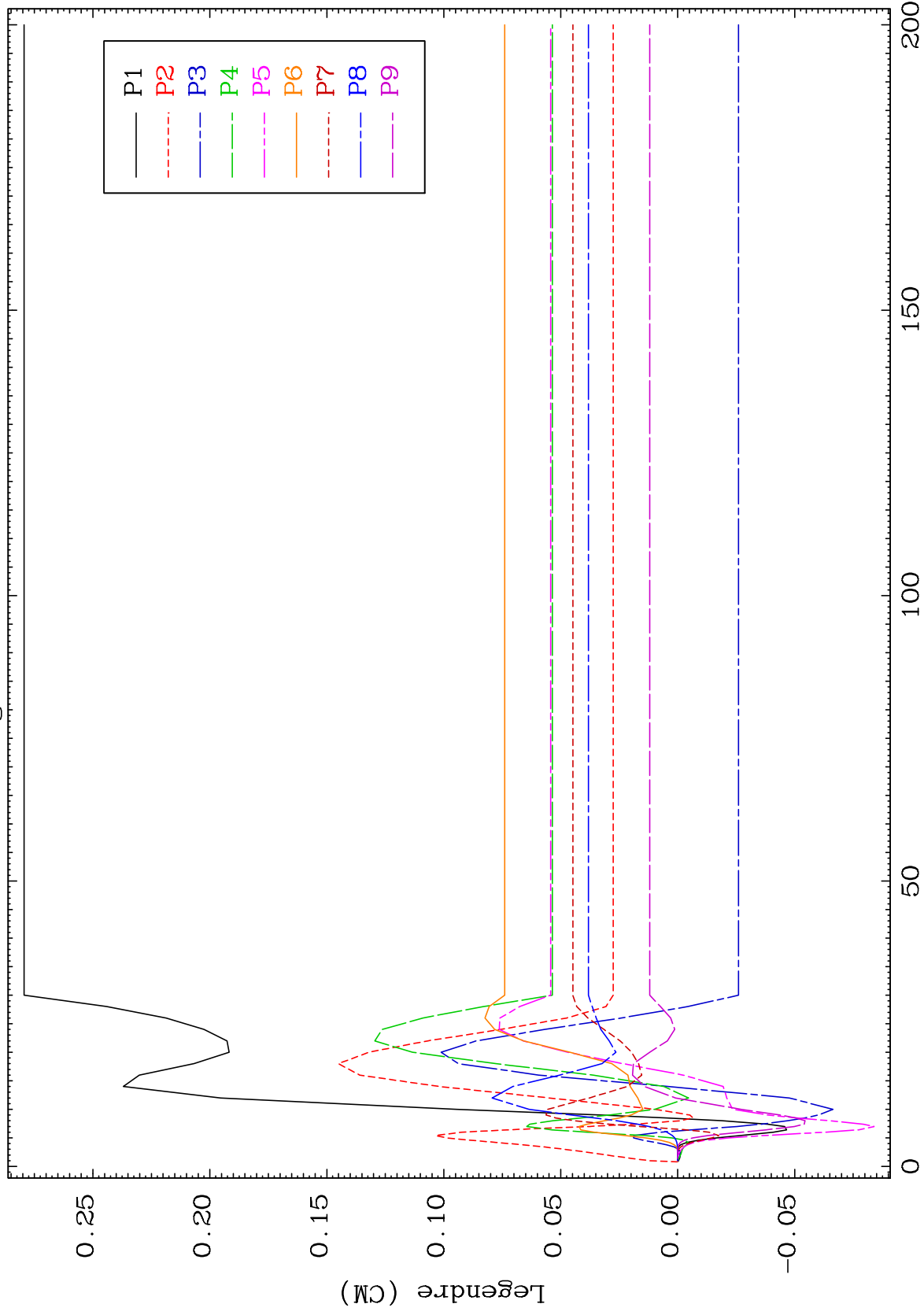
56-Ba-129



MAT 5622

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

56-Ba-129



91

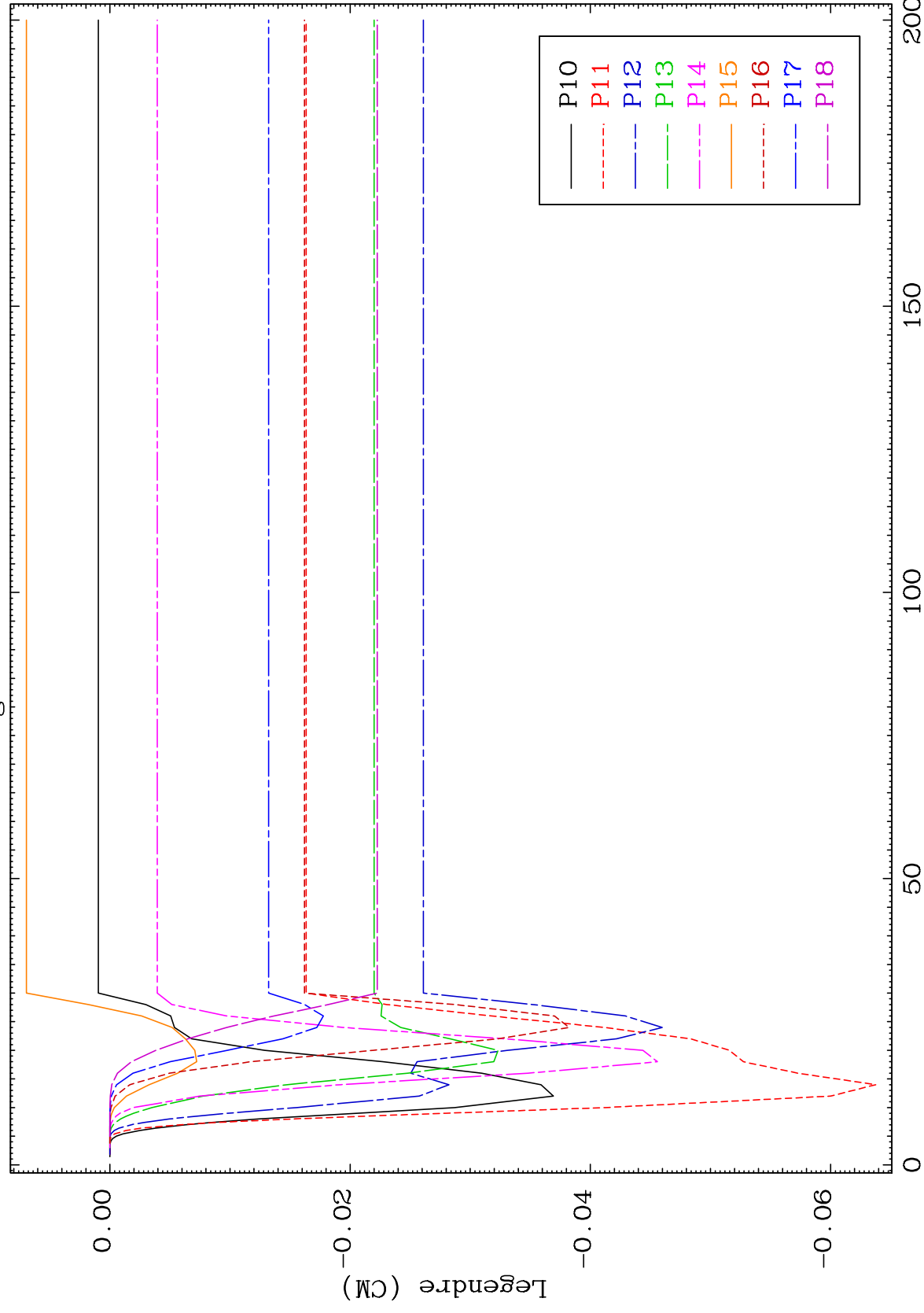
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

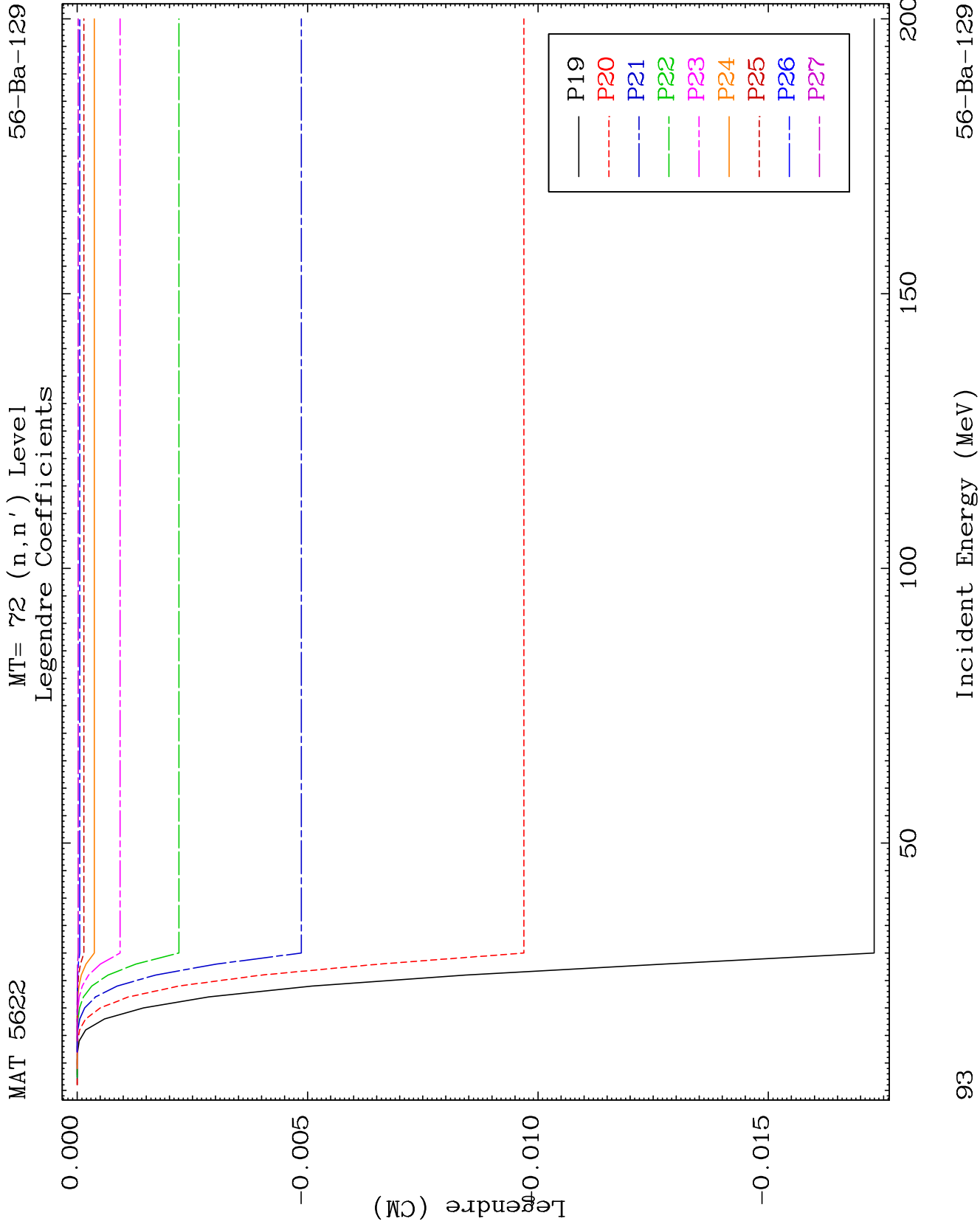
56-Ba-129



29

Incident Energy (MeV)

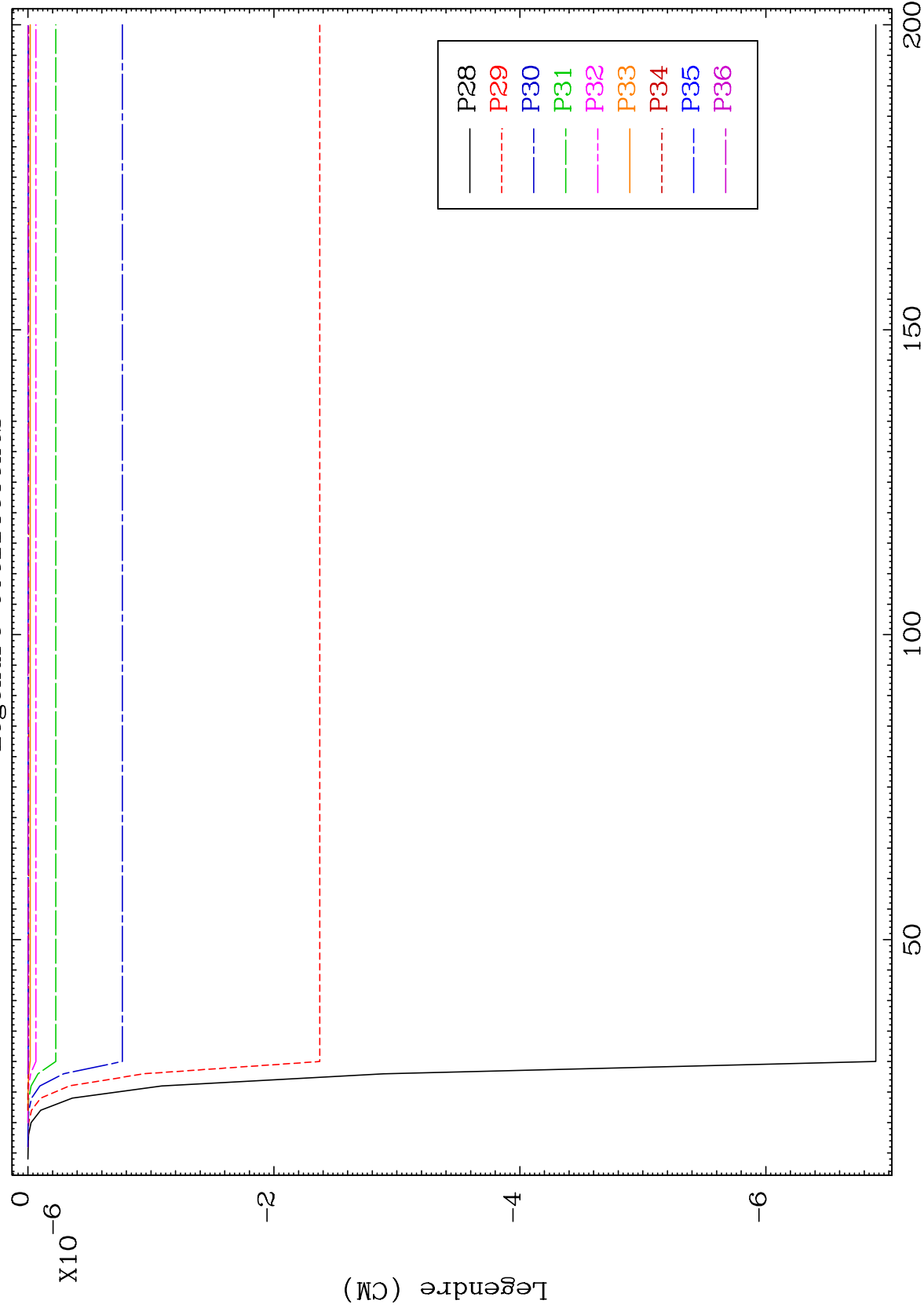
56-Ba-129



MAT 5622

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

56-Ba-129



46

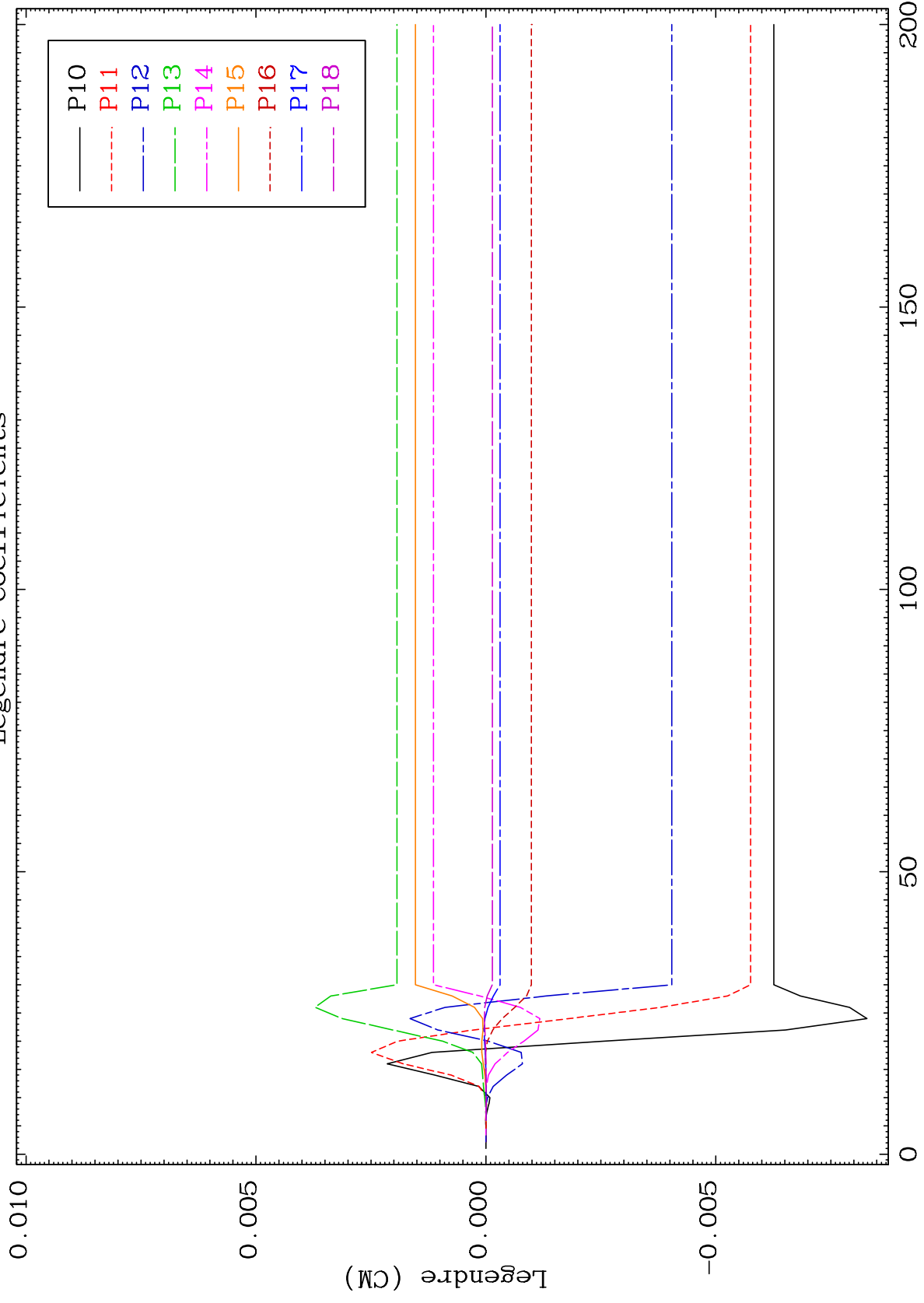
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



96

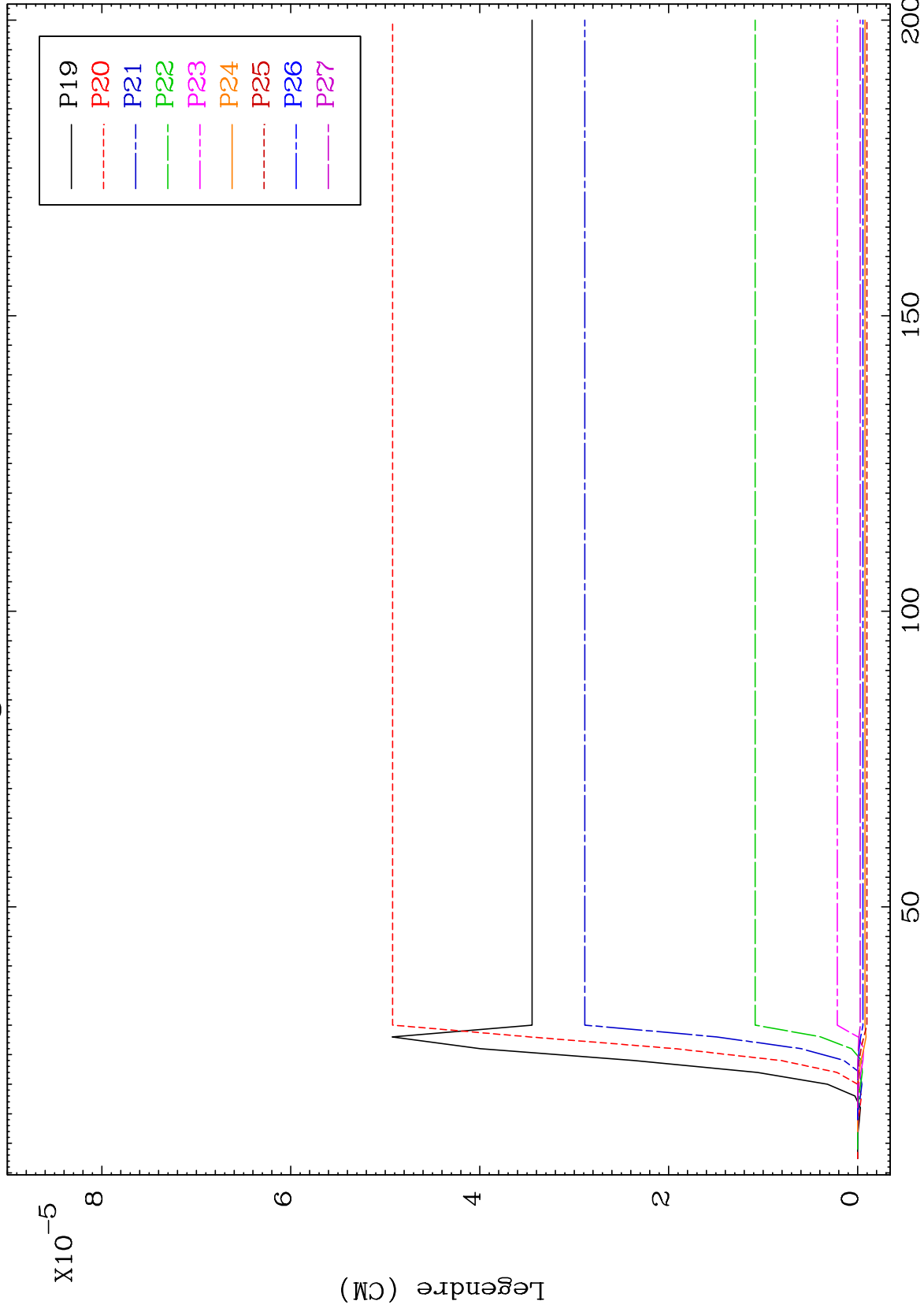
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

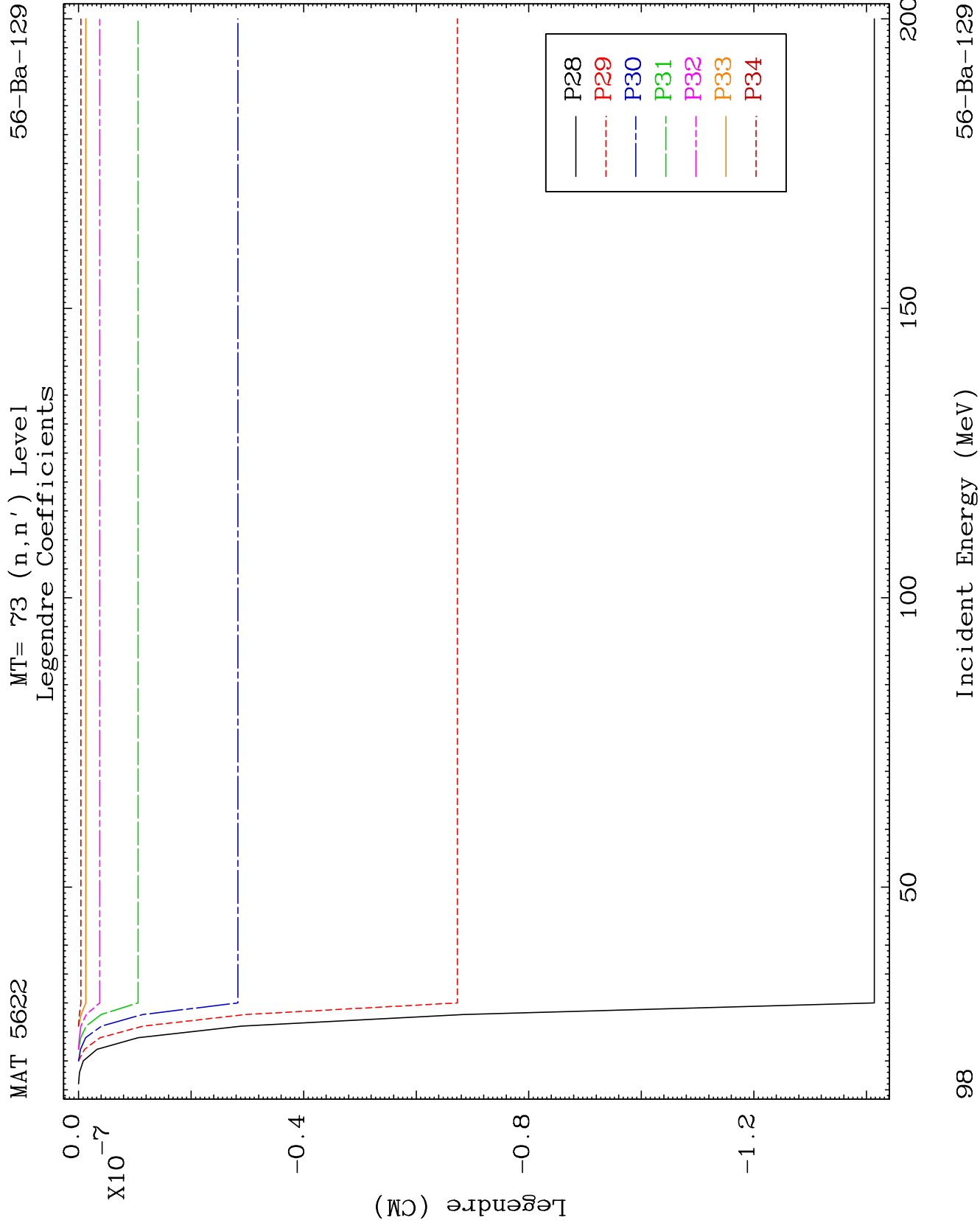
56-Ba-129



97

Incident Energy (MeV)

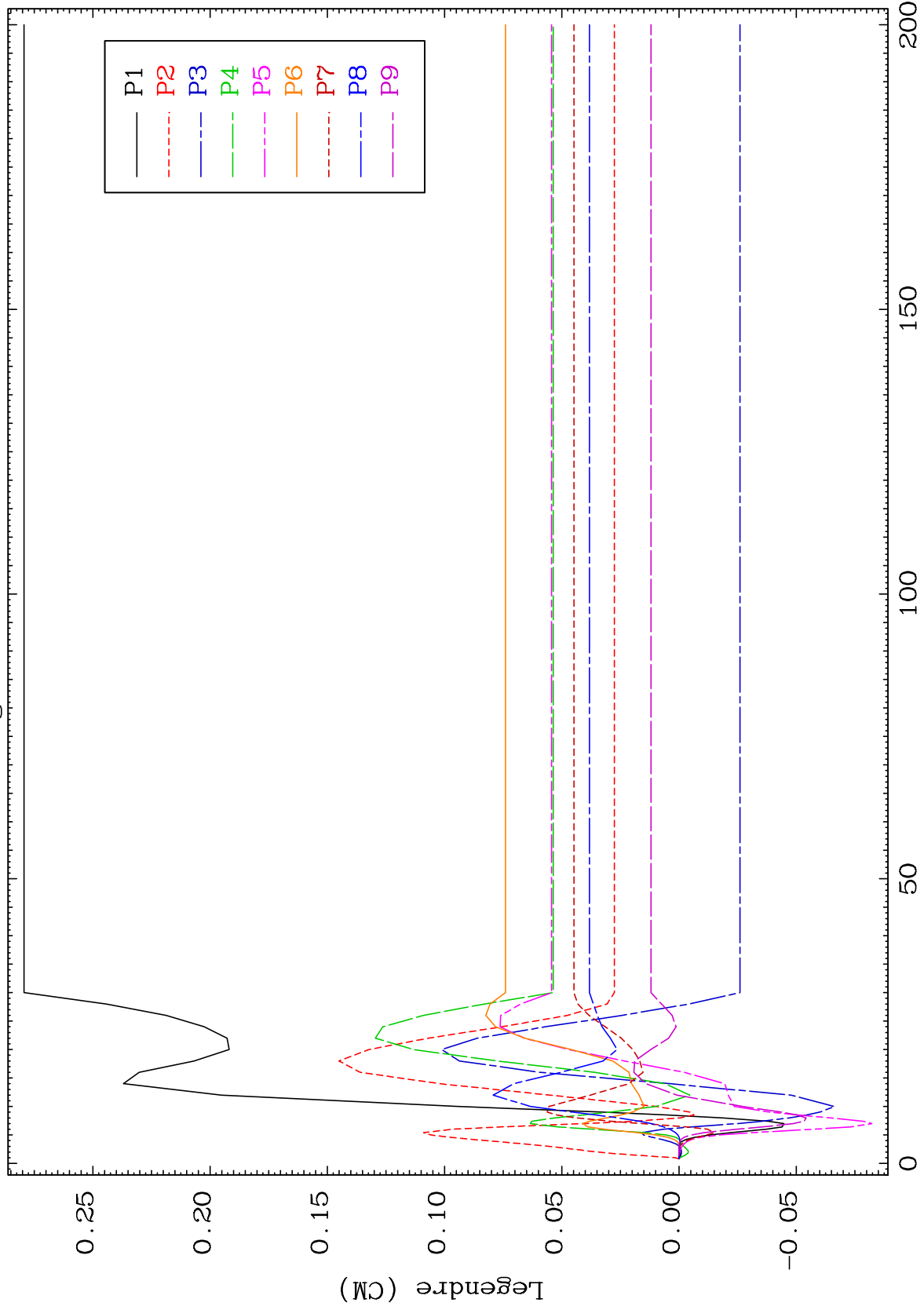
56-Ba-129



MAT 5622

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

56-Ba-129



99

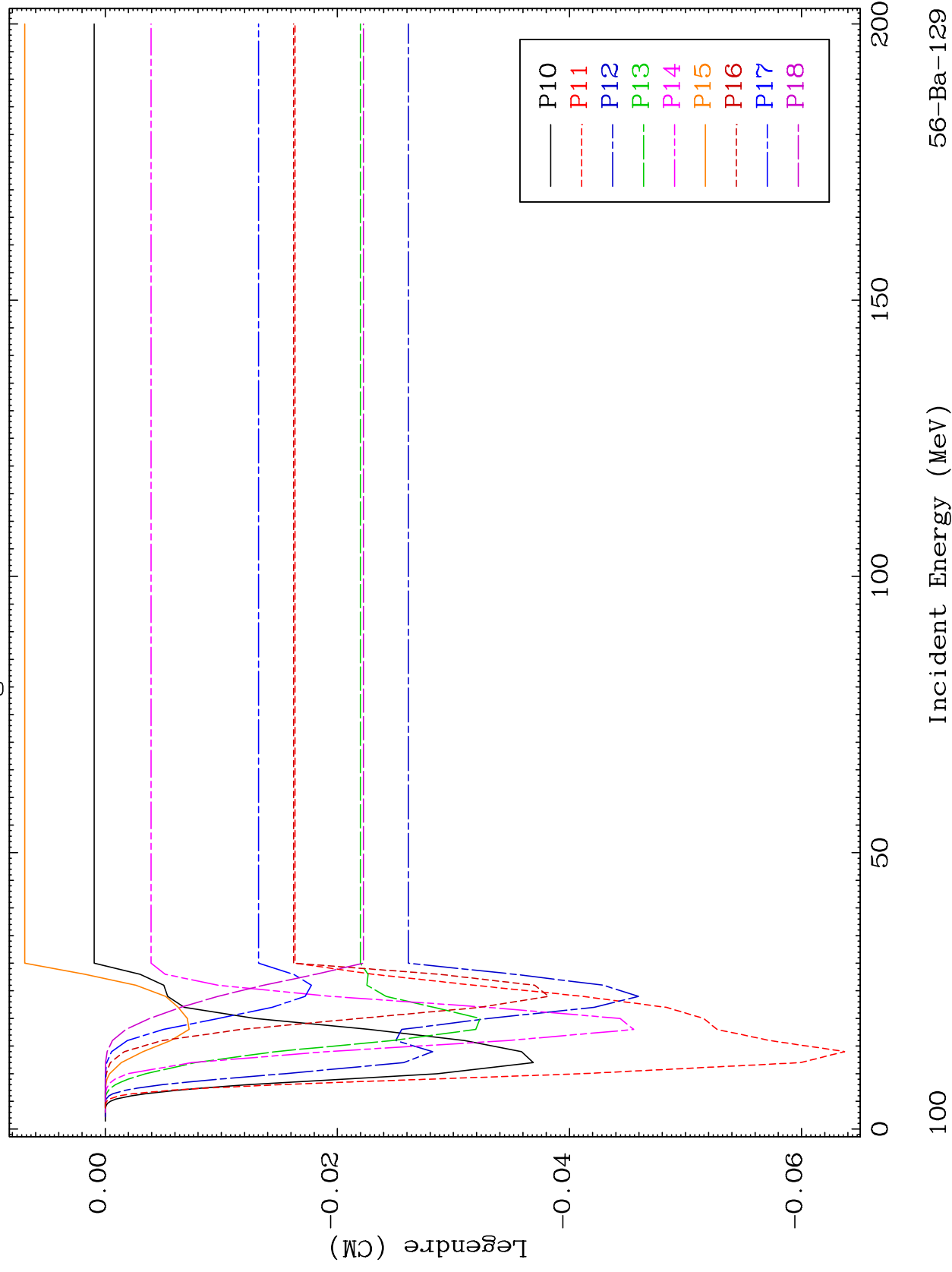
Incident Energy (MeV)

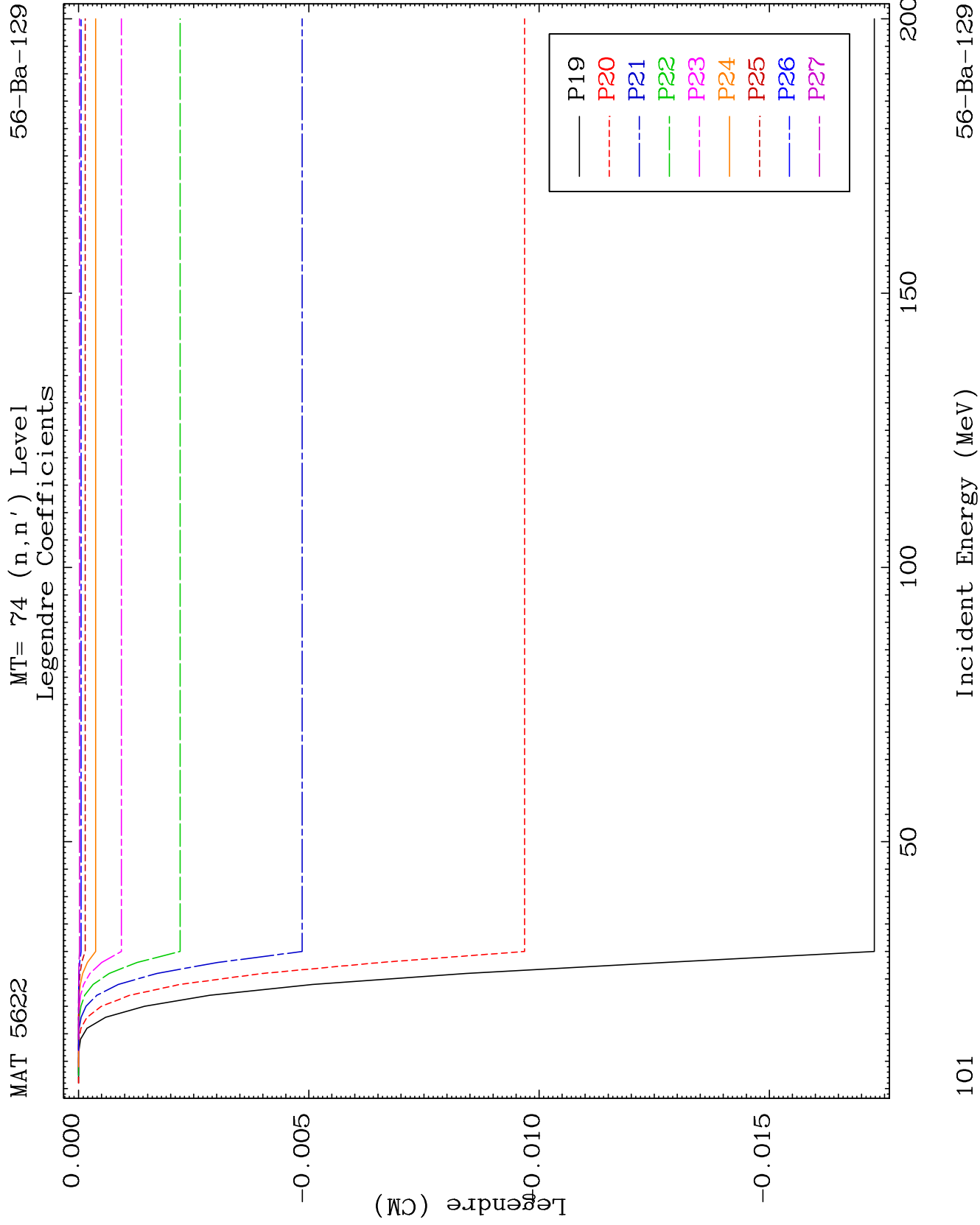
56-Ba-129

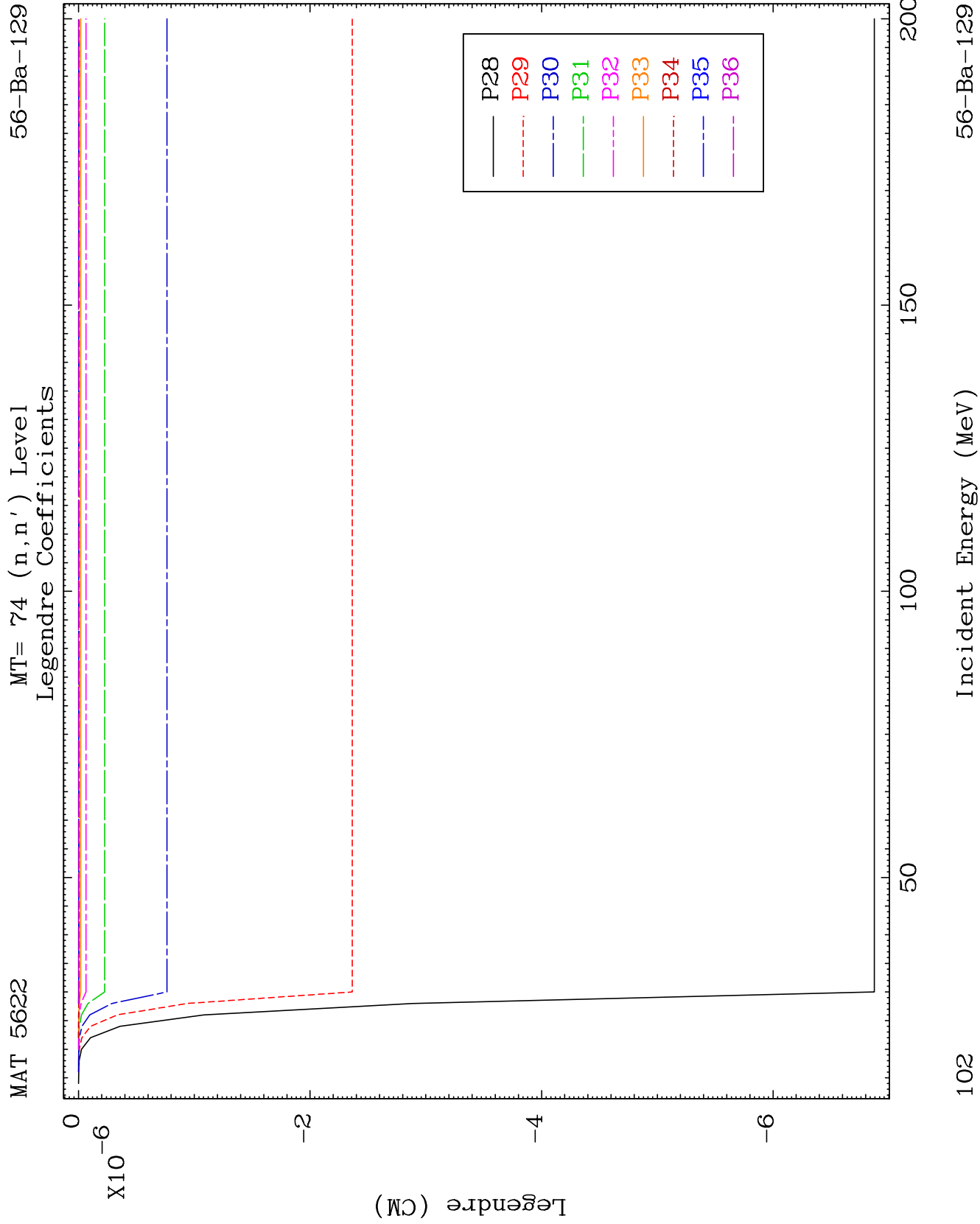
MAT 5622

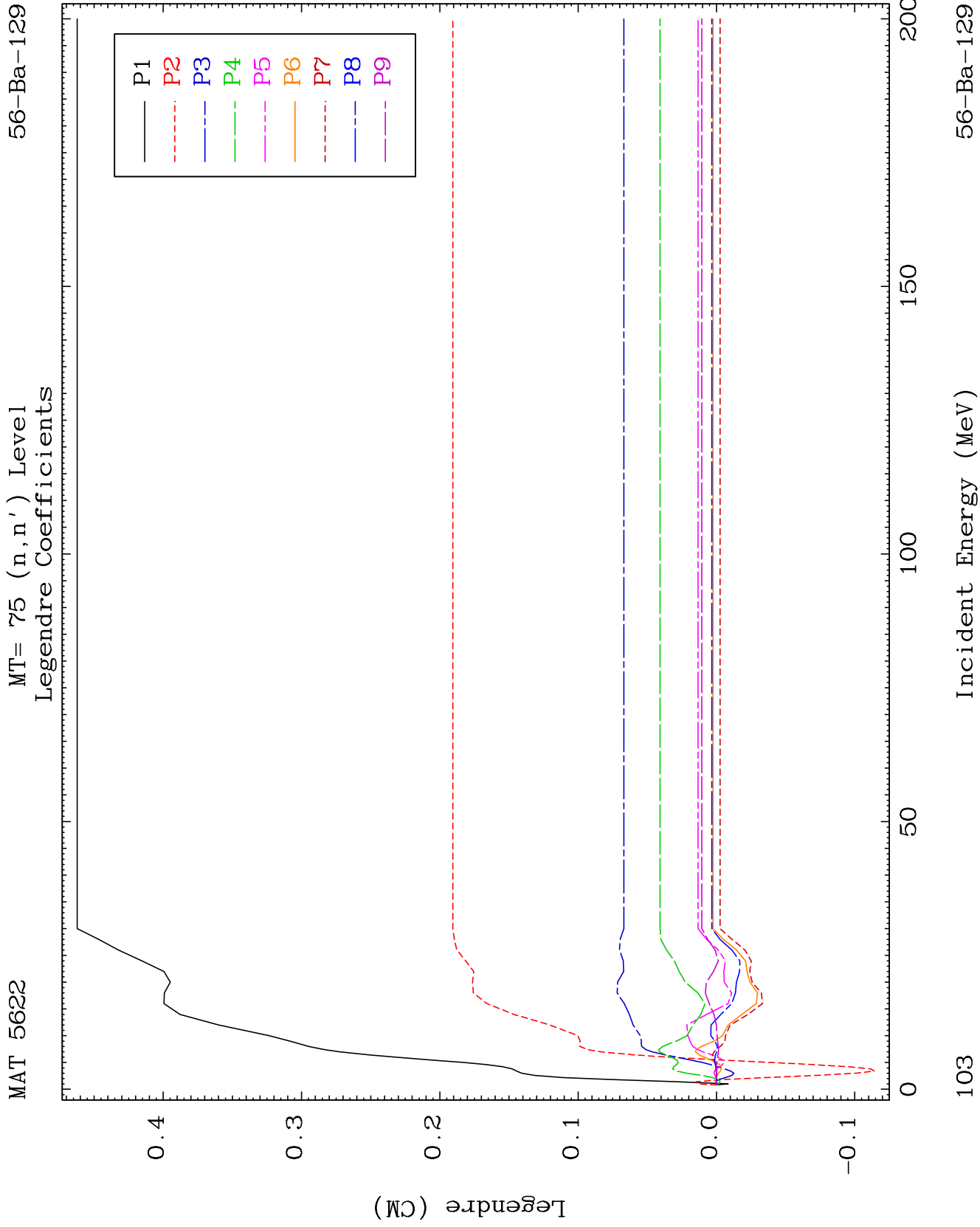
MT= 74 (n, n') Level
Legendre Coefficients

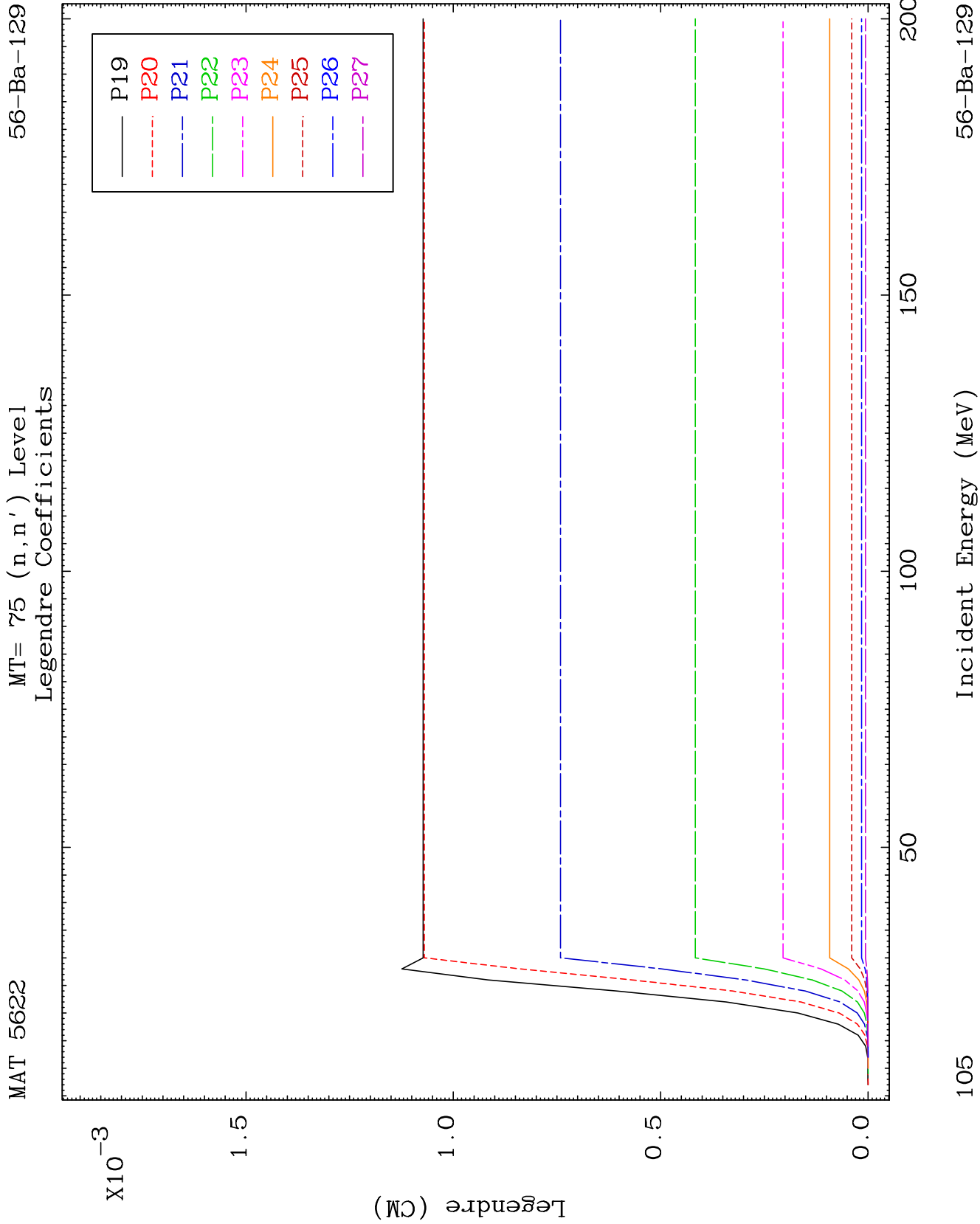
56-Ba-129

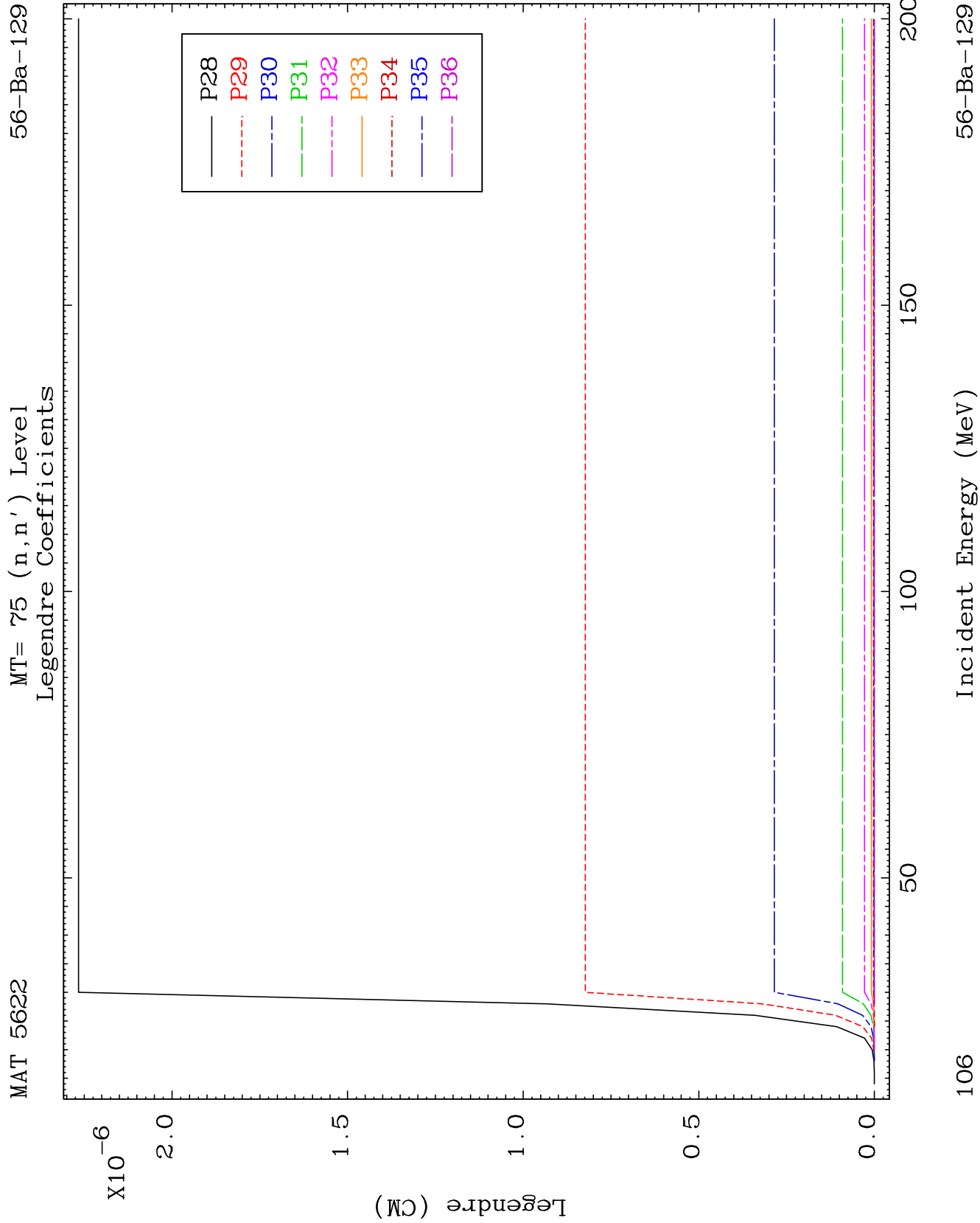








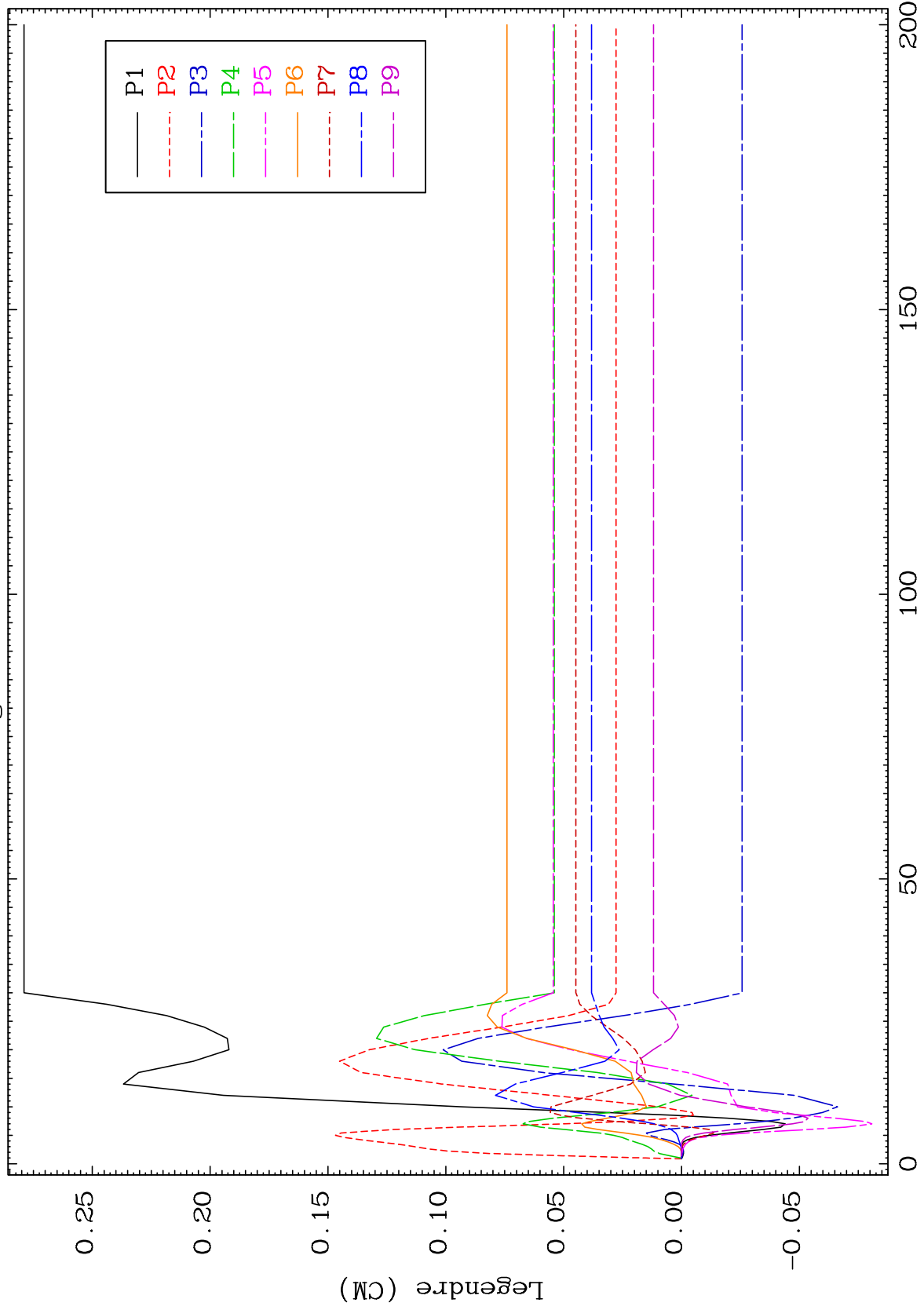




MAT 5622

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

56-Ba-129



107

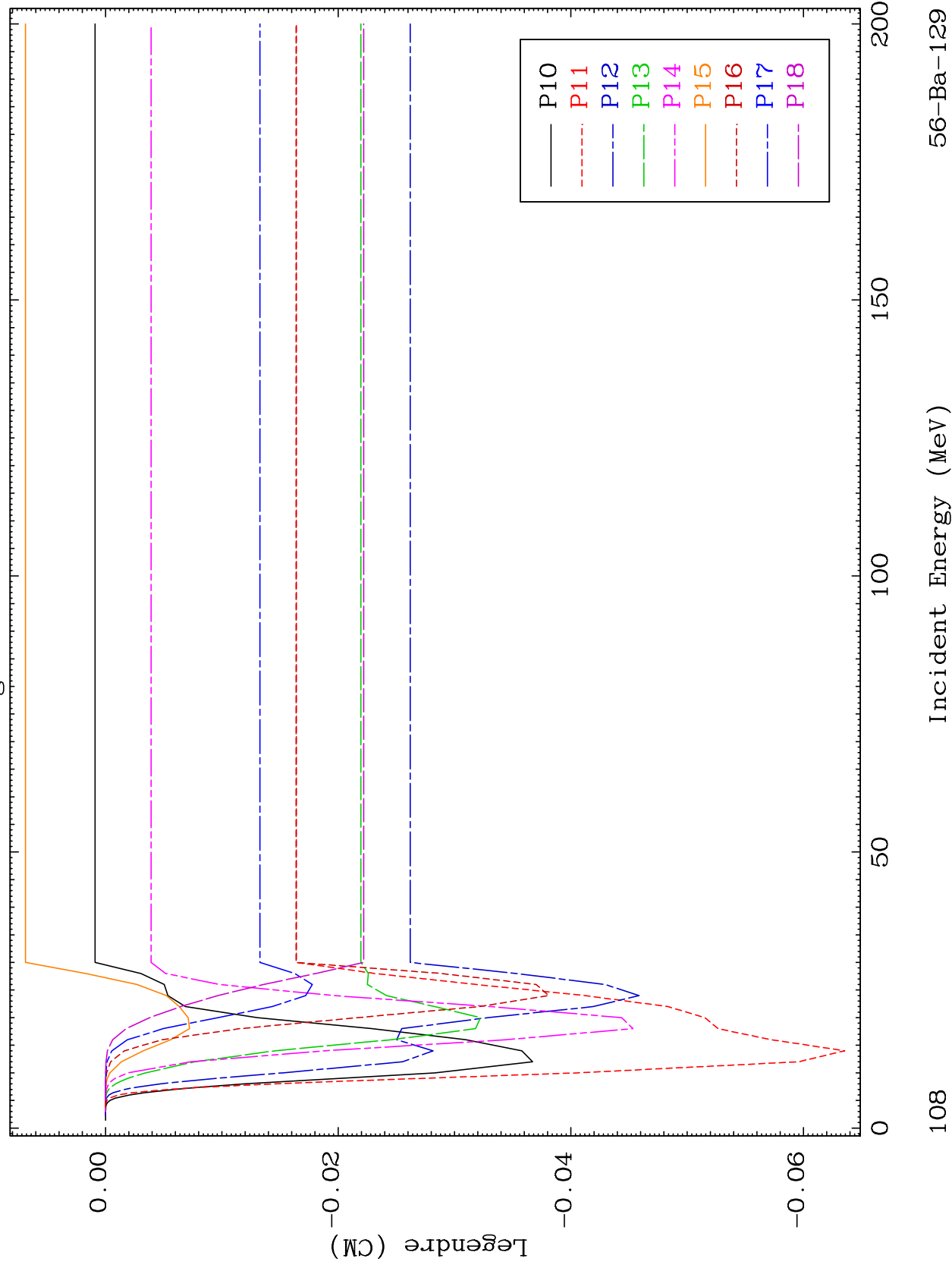
Incident Energy (MeV)

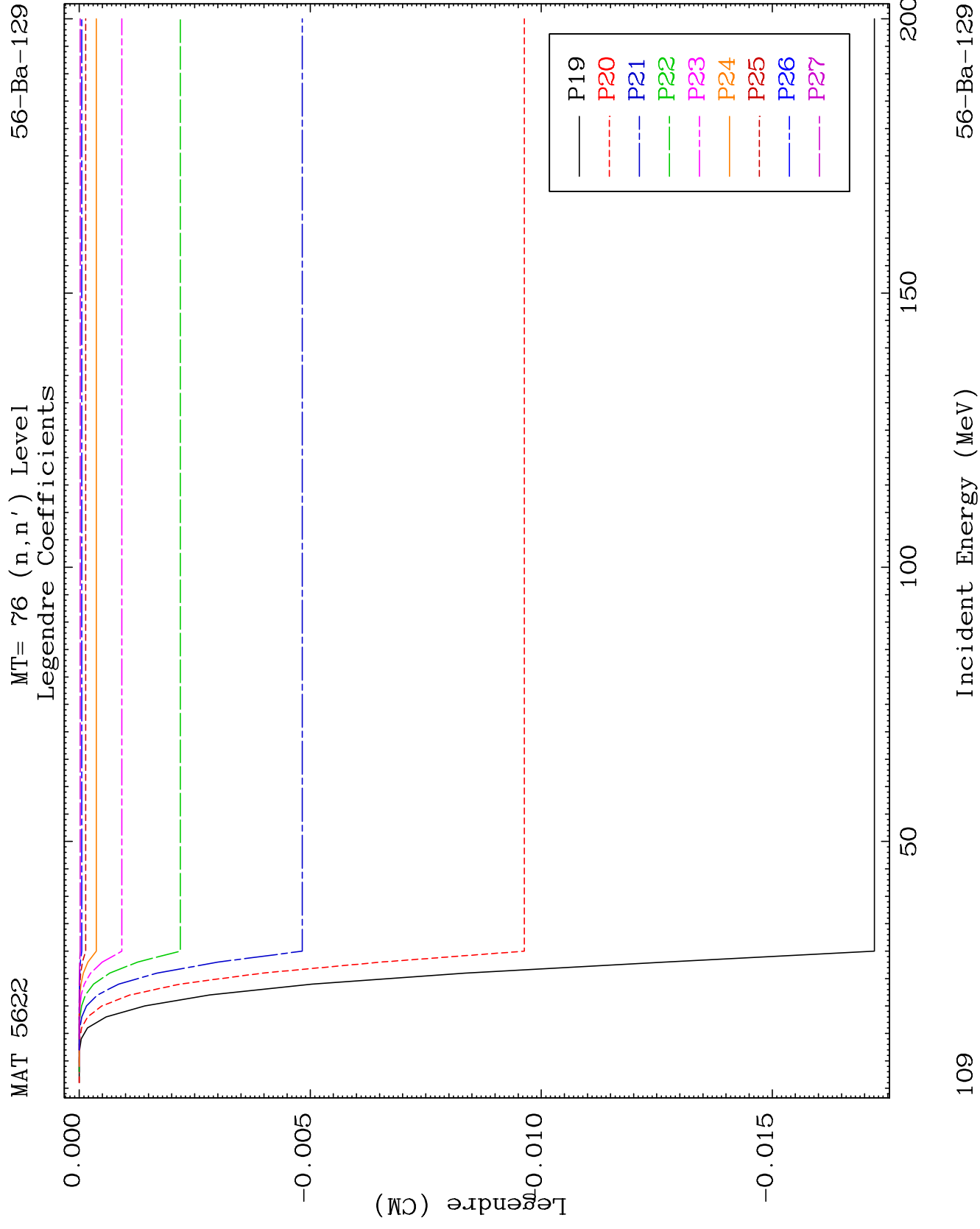
56-Ba-129

MAT 5622

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

56-Ba-129

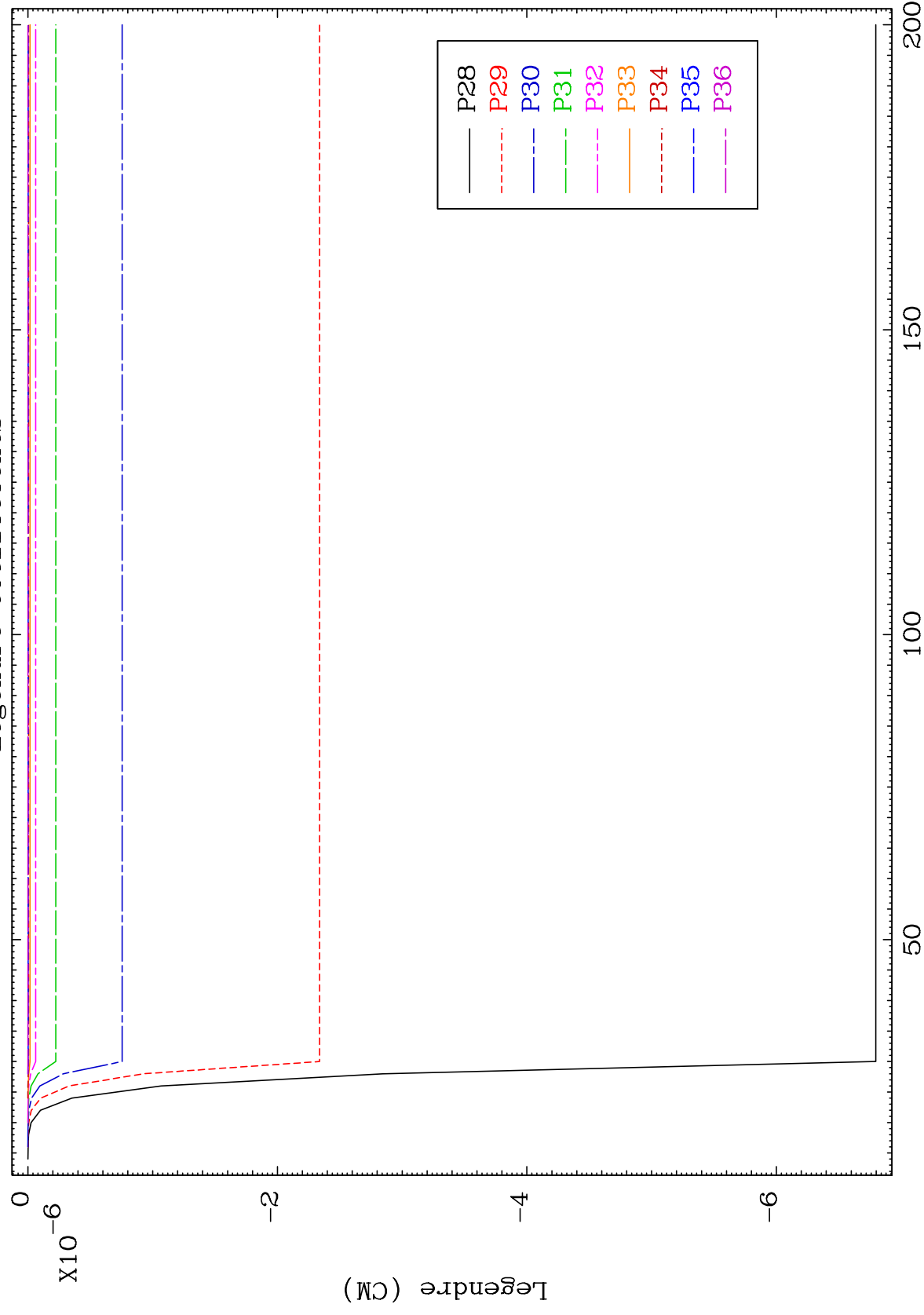




MAT 5622

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

56-Ba-129



110

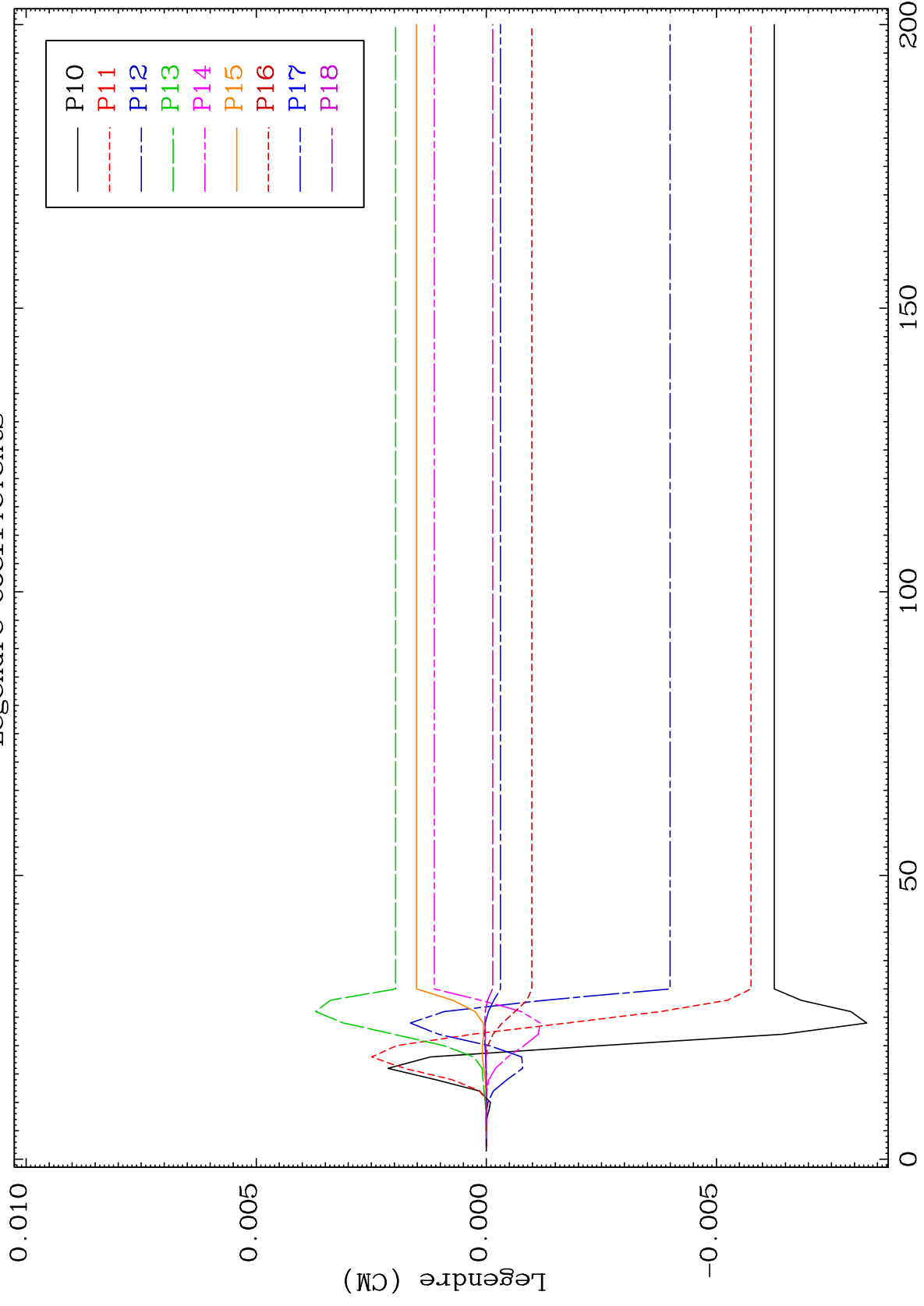
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



112

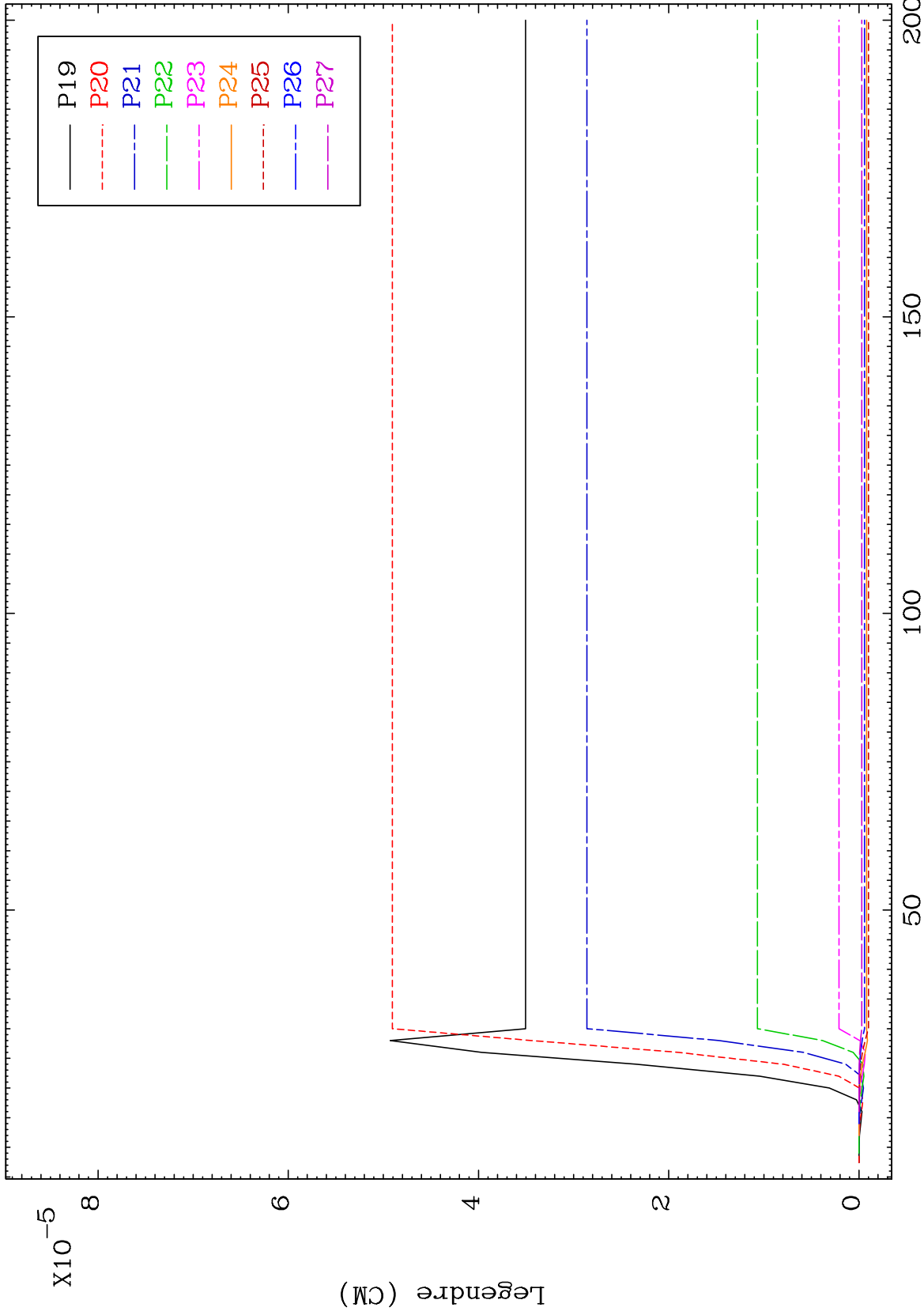
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

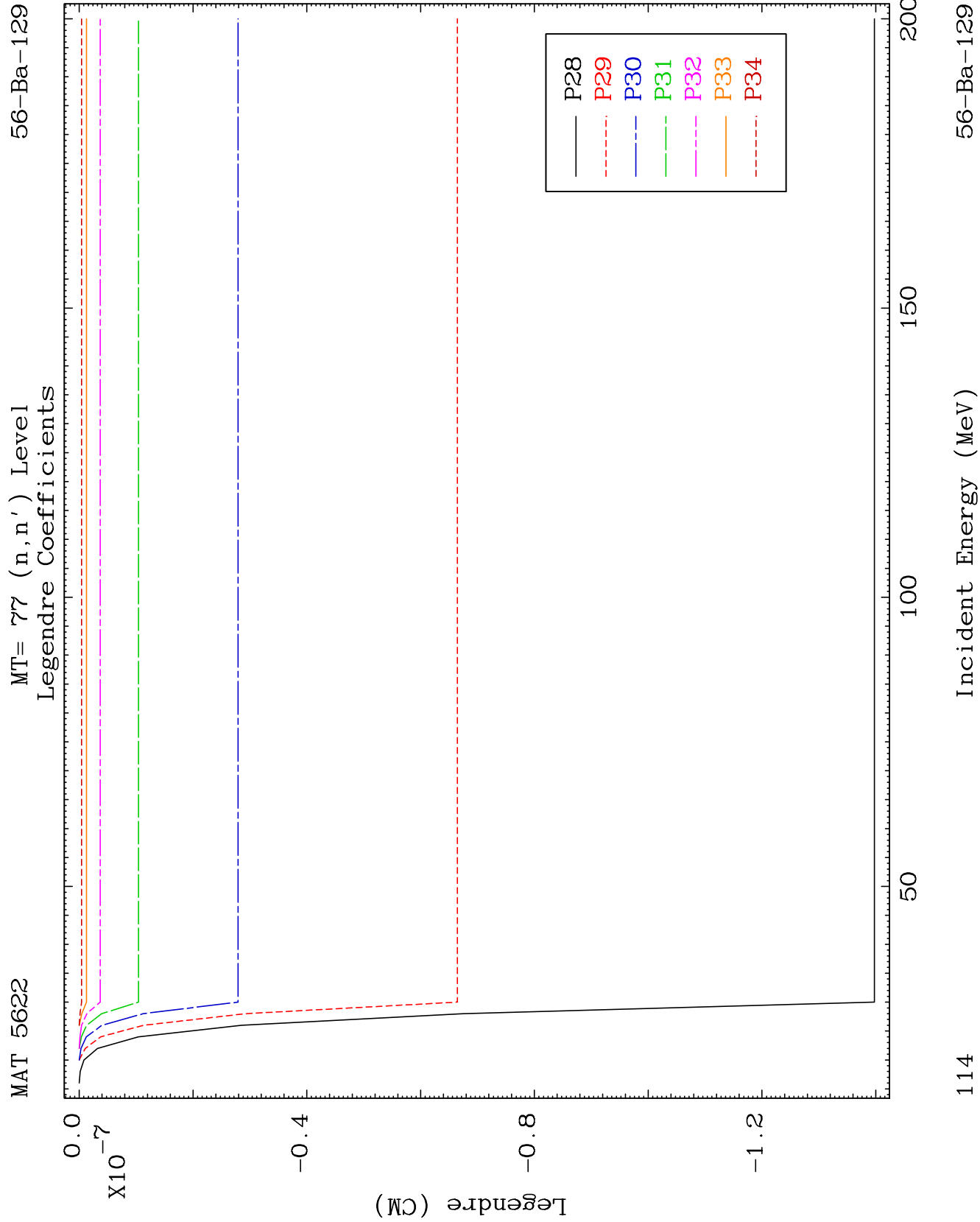
56-Ba-129

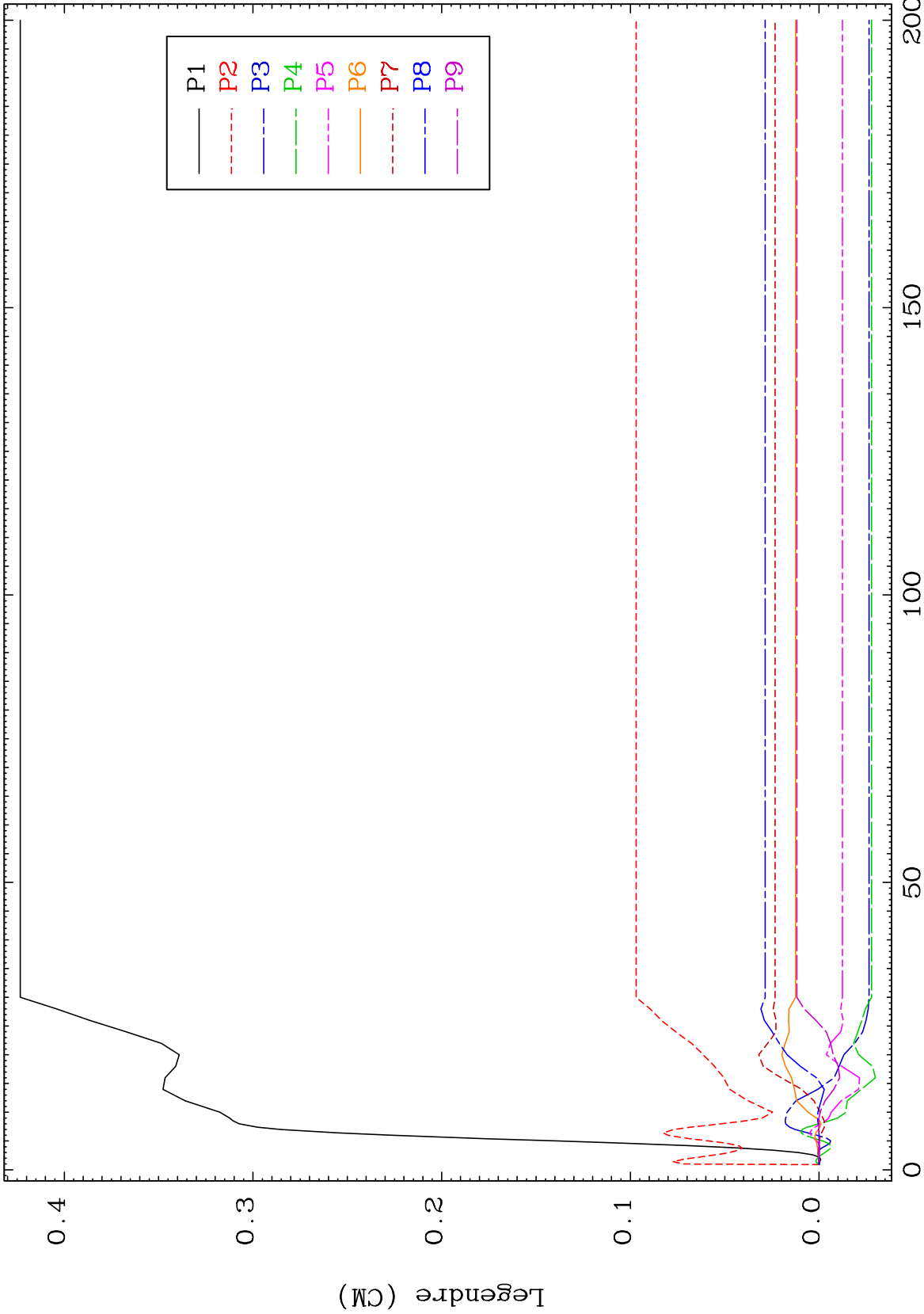


113

Incident Energy (MeV)

56-Ba-129

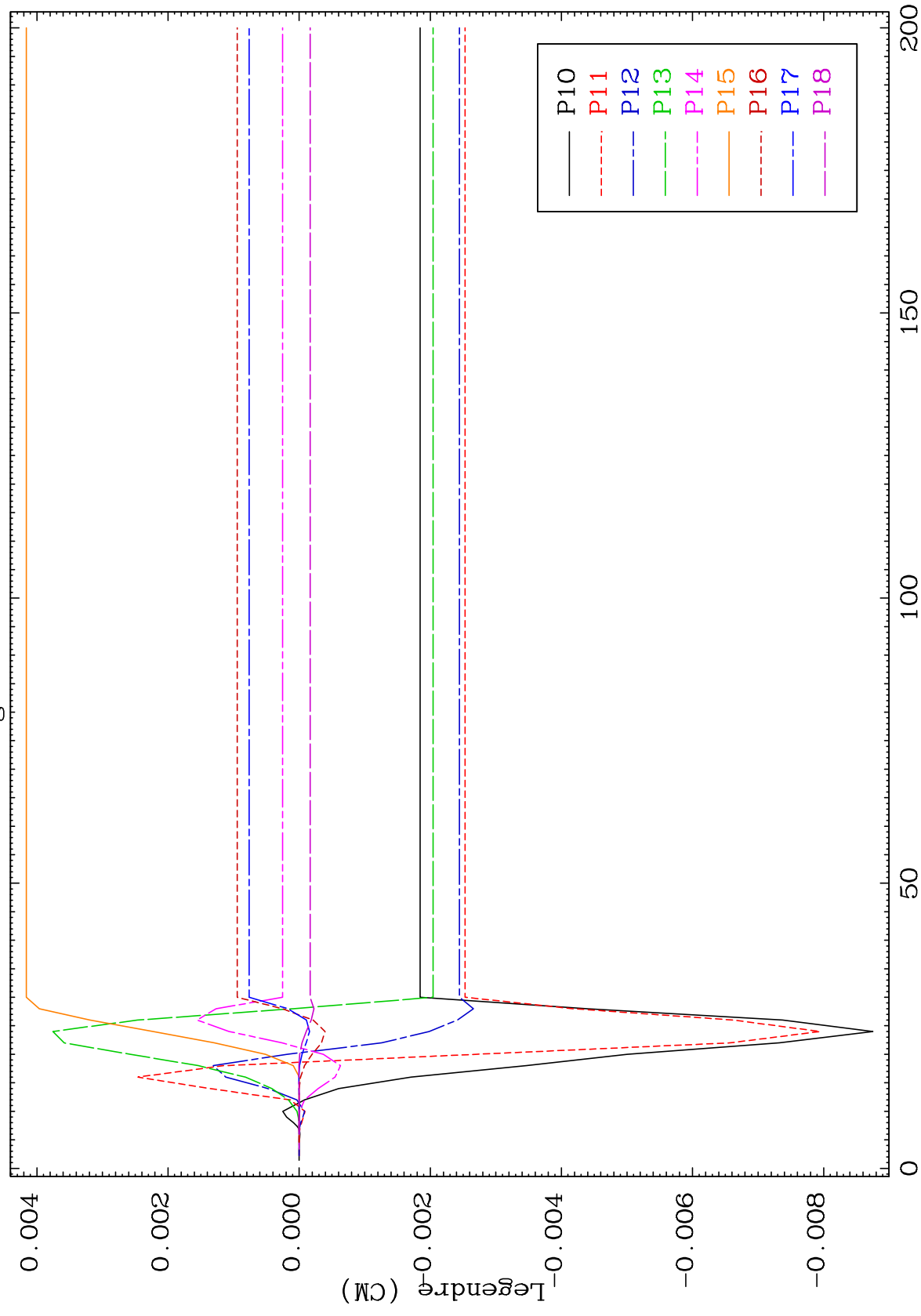




MAT 5622

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

56-Ba-129



116

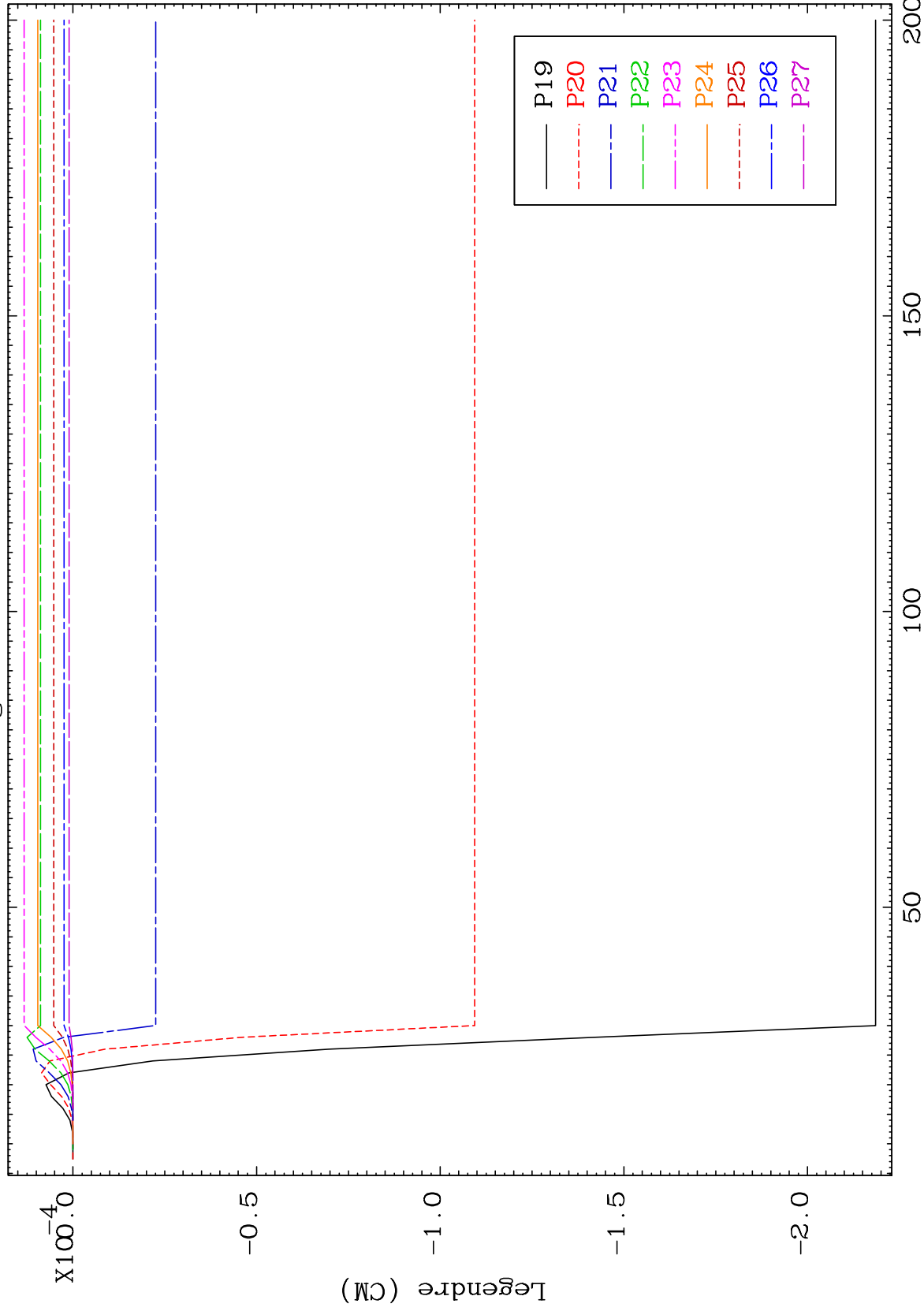
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

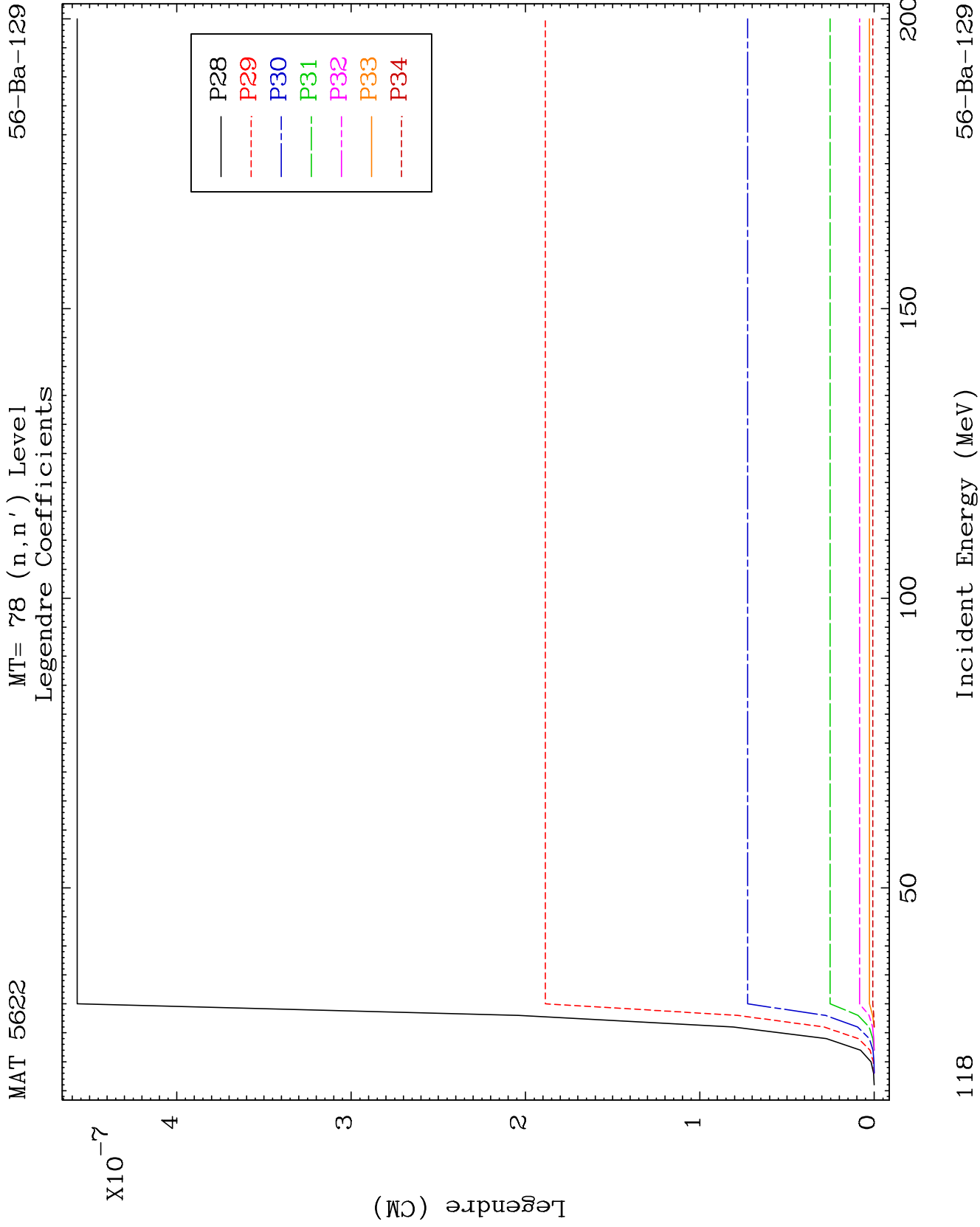
56-Ba-129



117

Incident Energy (MeV)

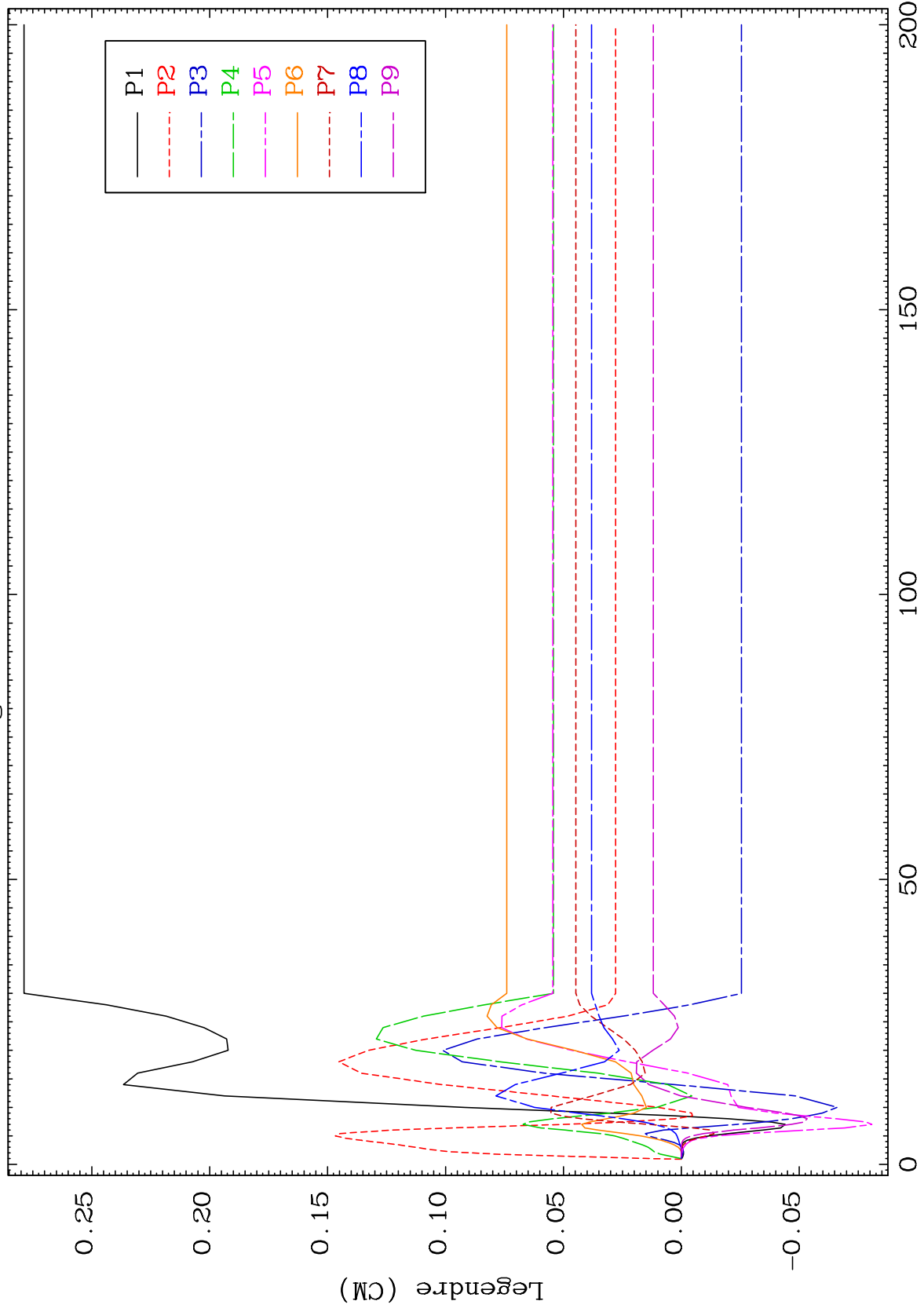
56-Ba-129



MAT 5622

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

56-Ba-129



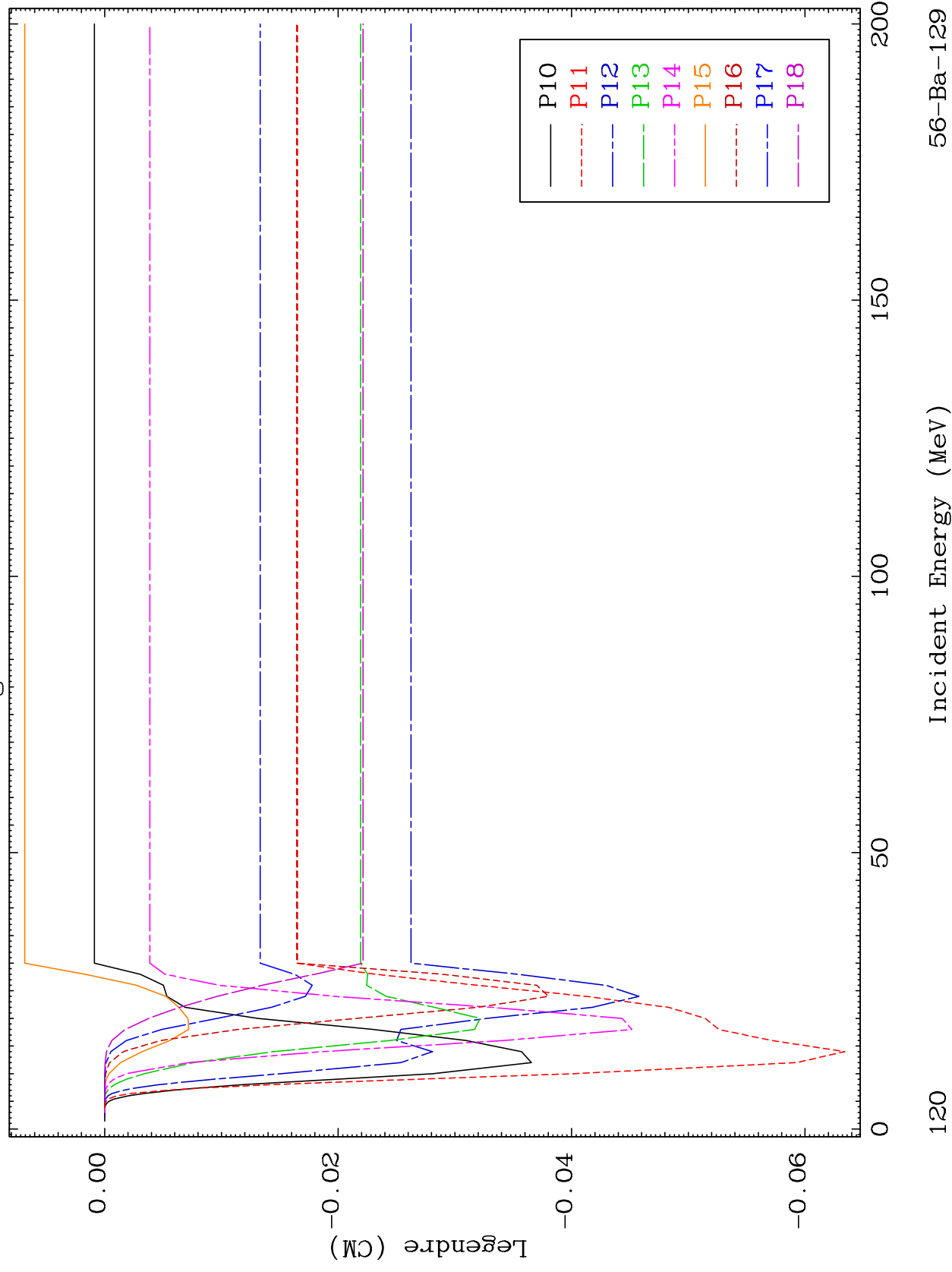
119

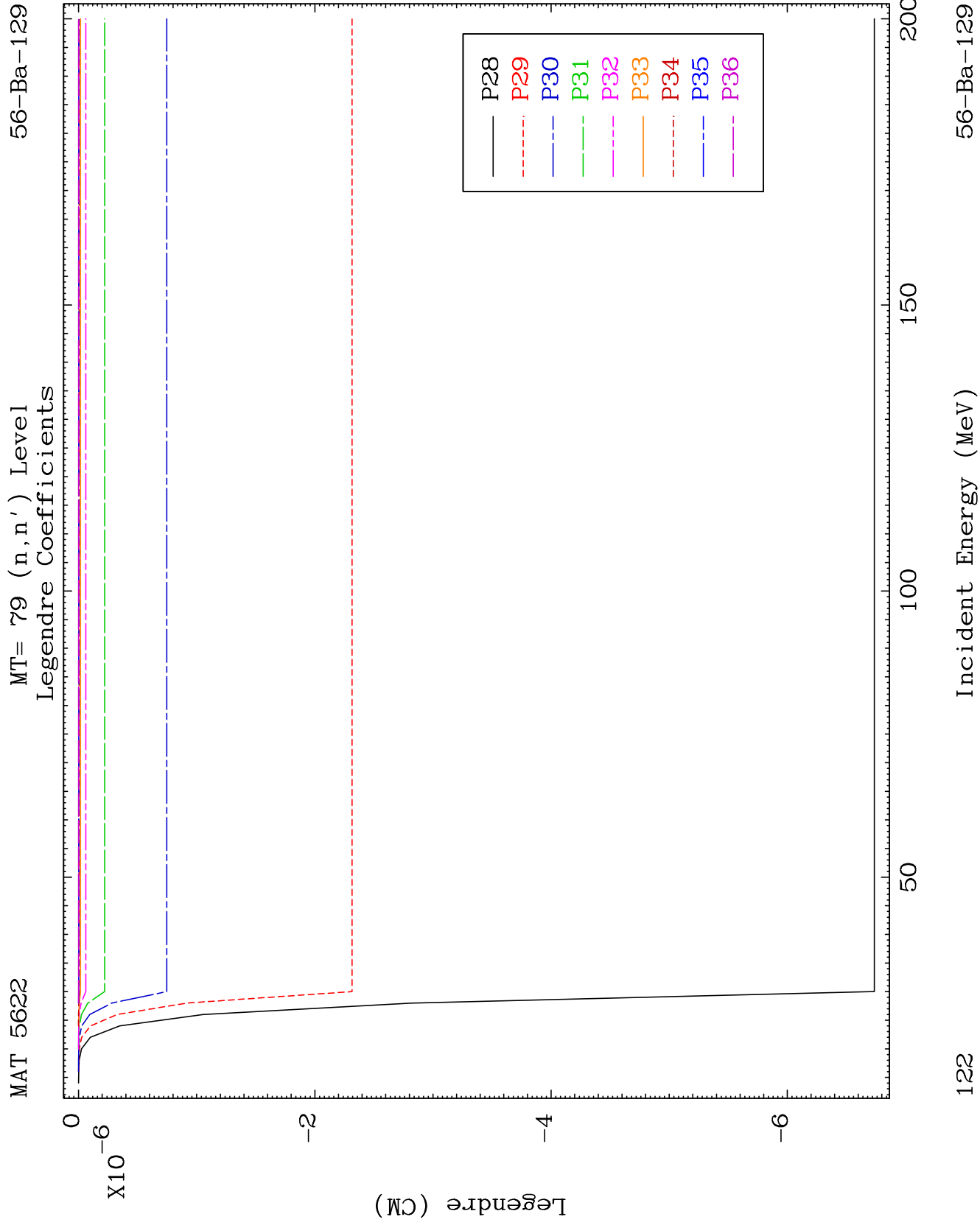
56-Ba-129

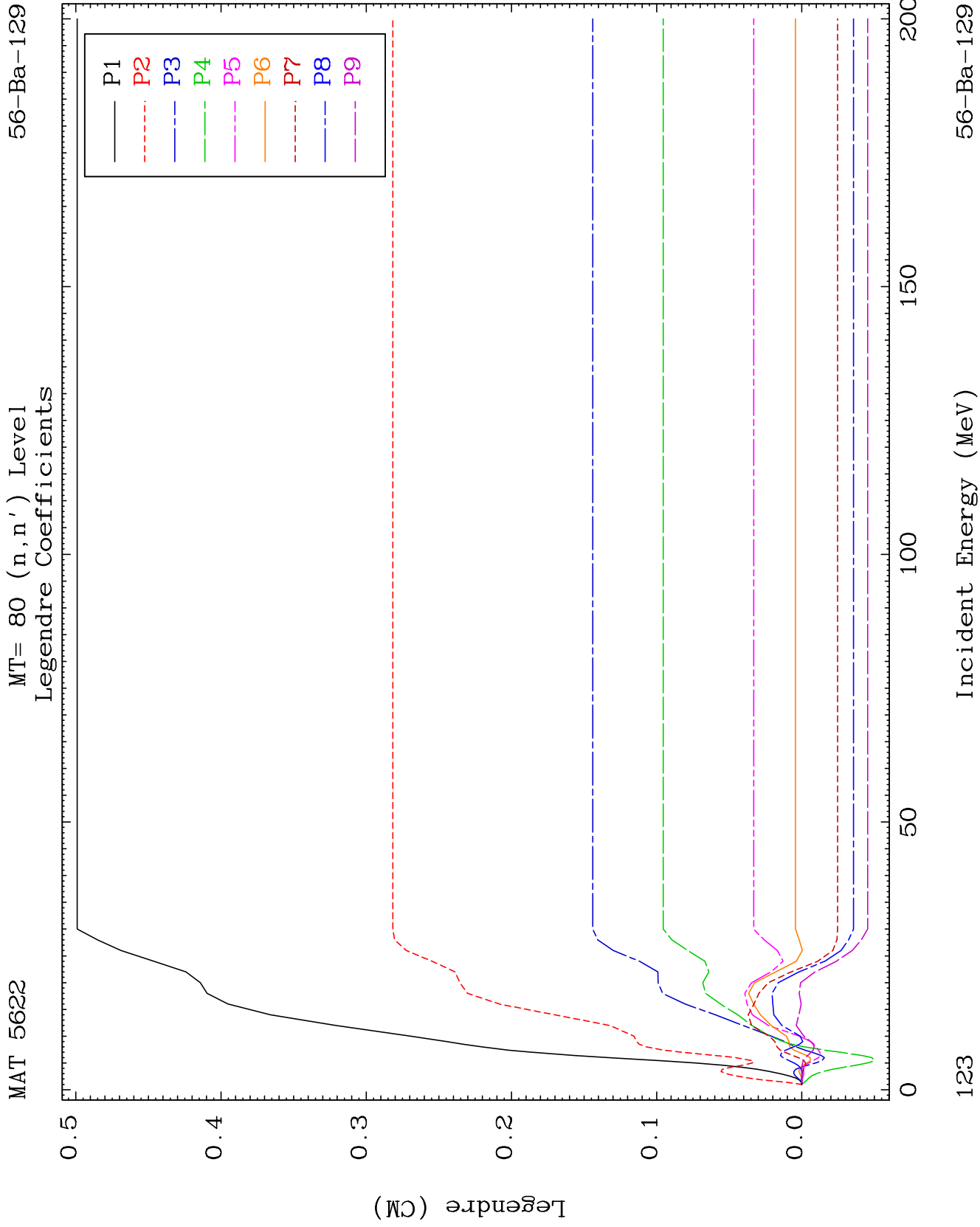
MAT 5622

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

56-Ba-129



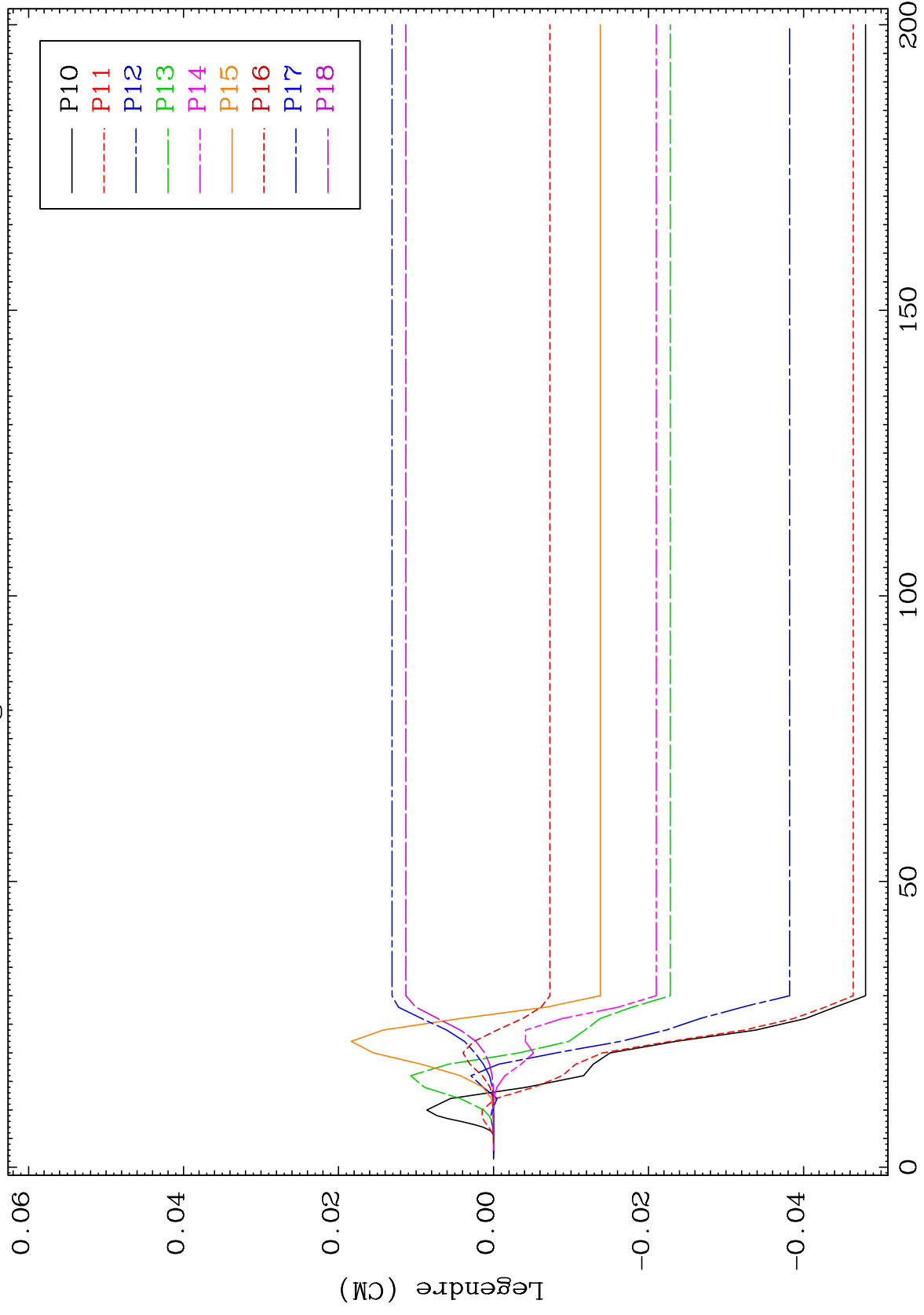




MAT 5622

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

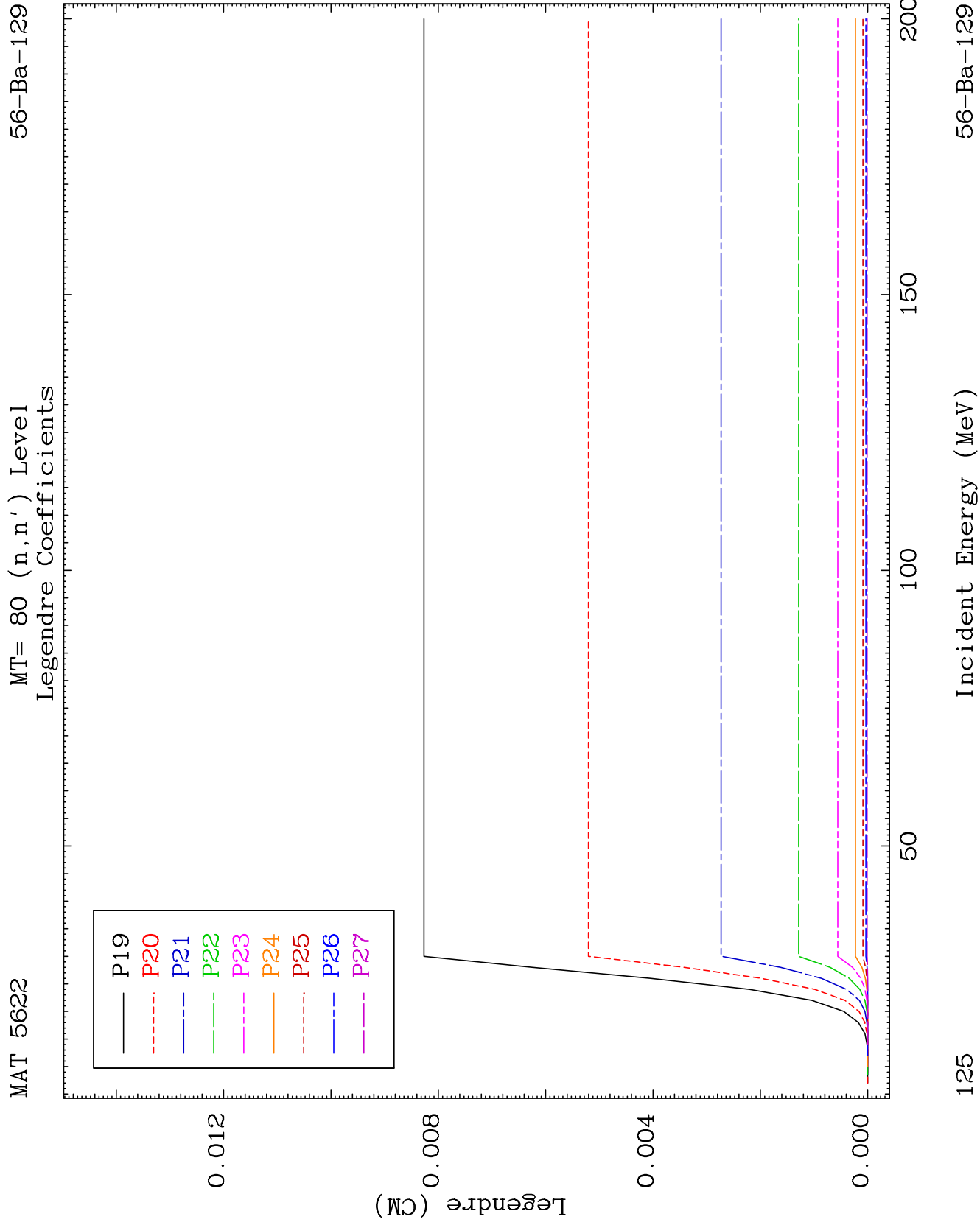
56-Ba-129



124

Incident Energy (MeV)

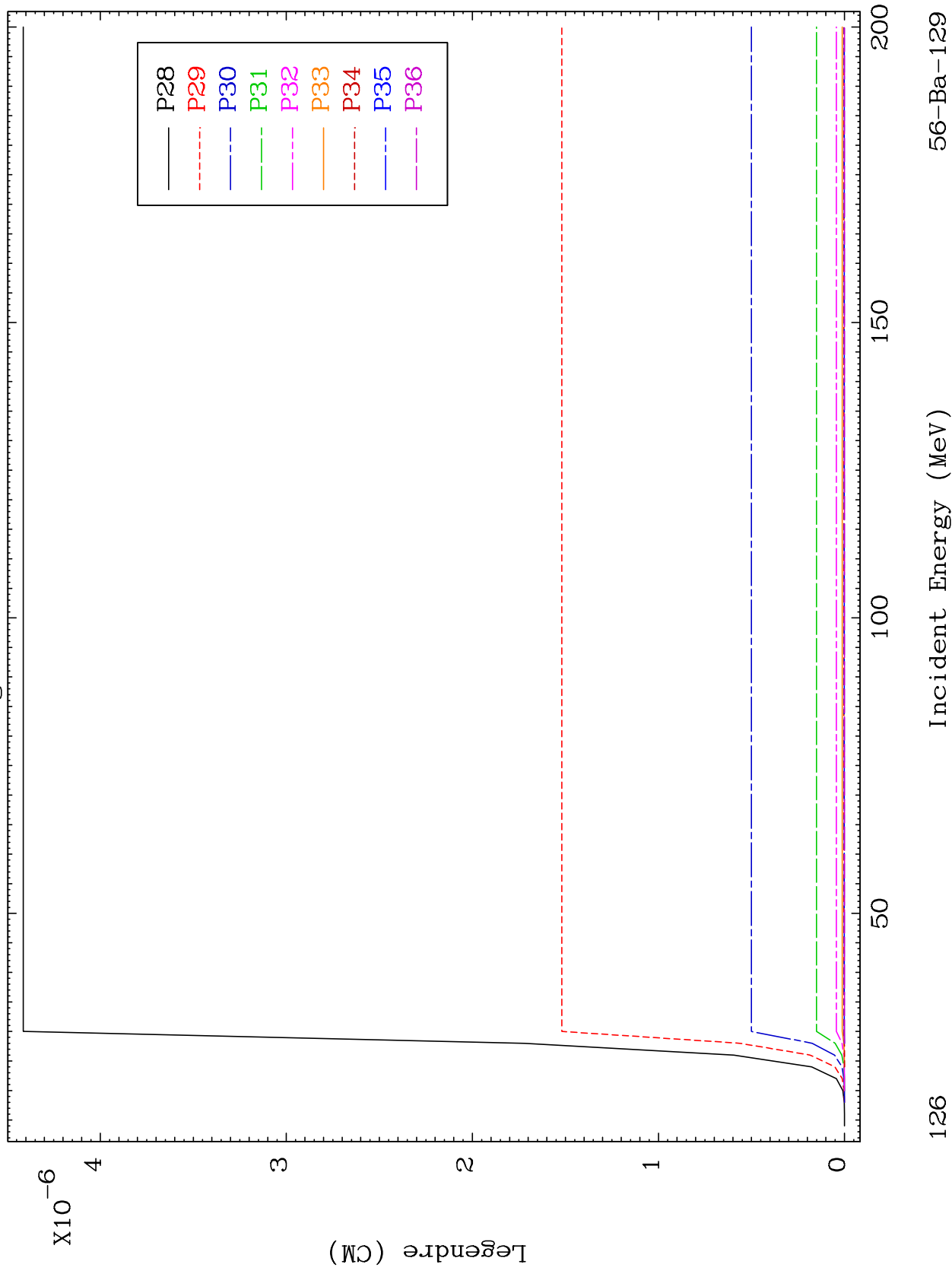
56-Ba-129



MAT 5622

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

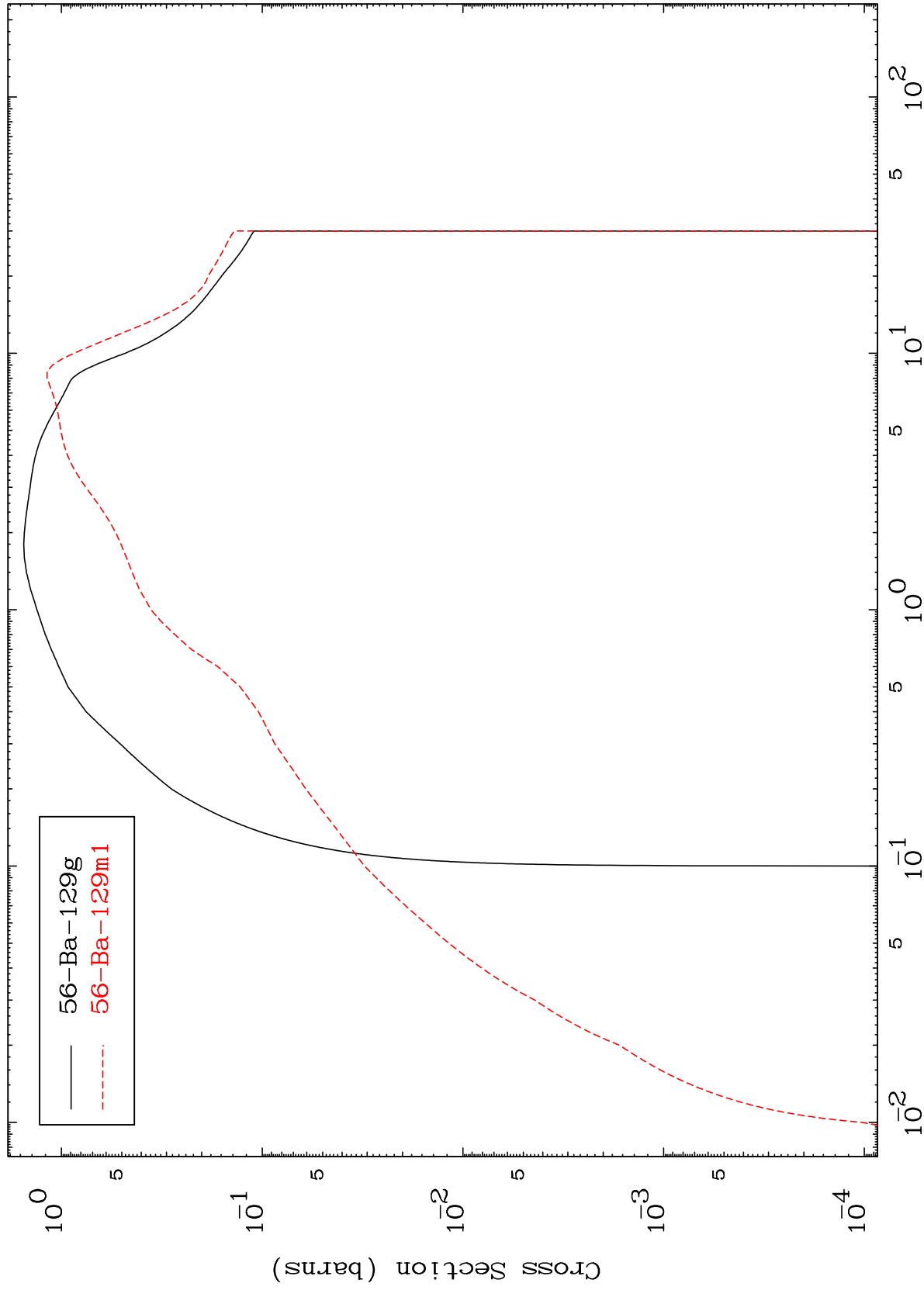
56-Ba-129



MAT 5622

56-Ba-129

Radionuclide Production Cross Section



56-Ba-129

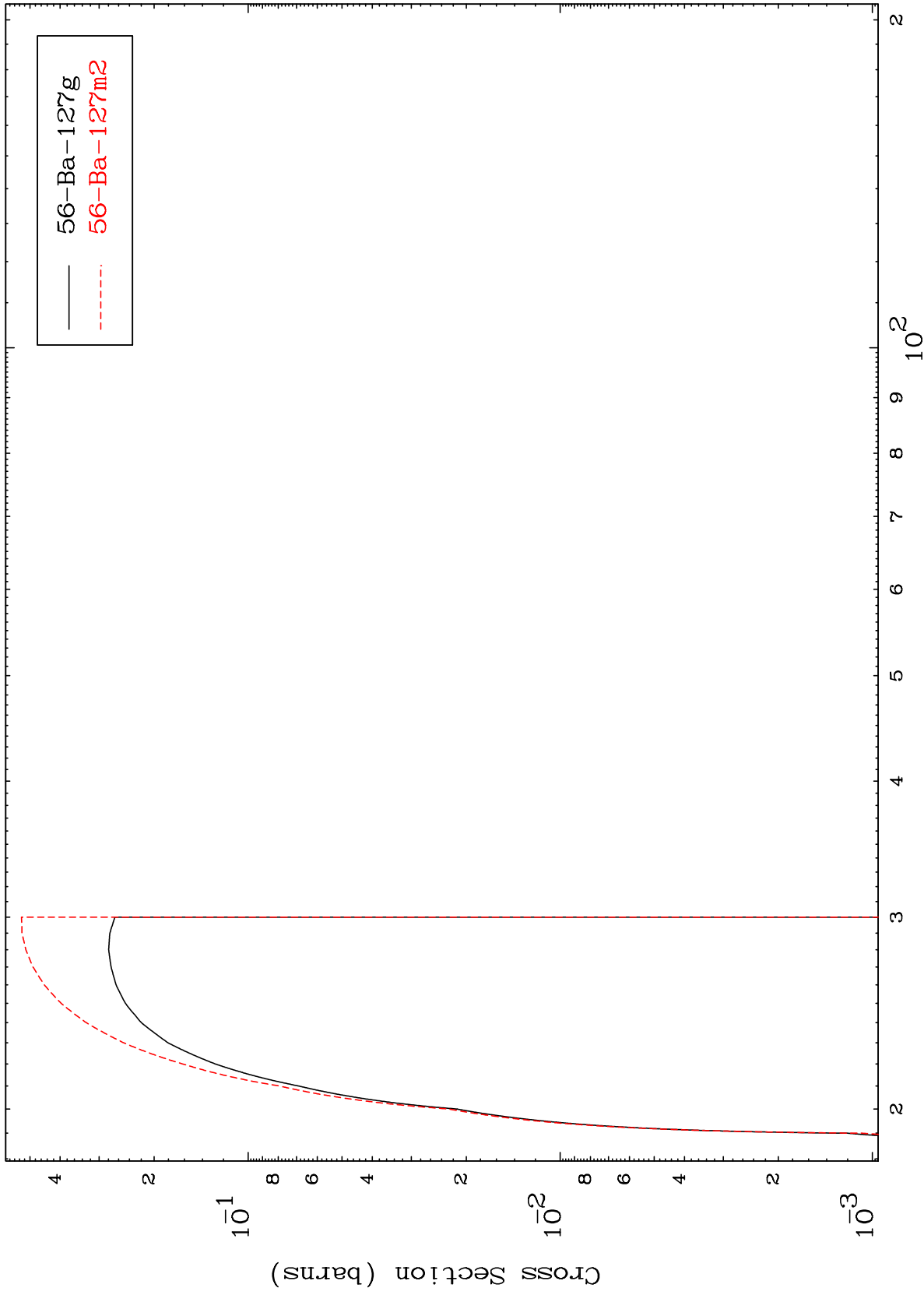
Incident Energy (MeV)

127

MAT 5622

56-Ba-129

(n,3n)
Radionuclide Production Cross Section



128

Incident Energy (MeV)

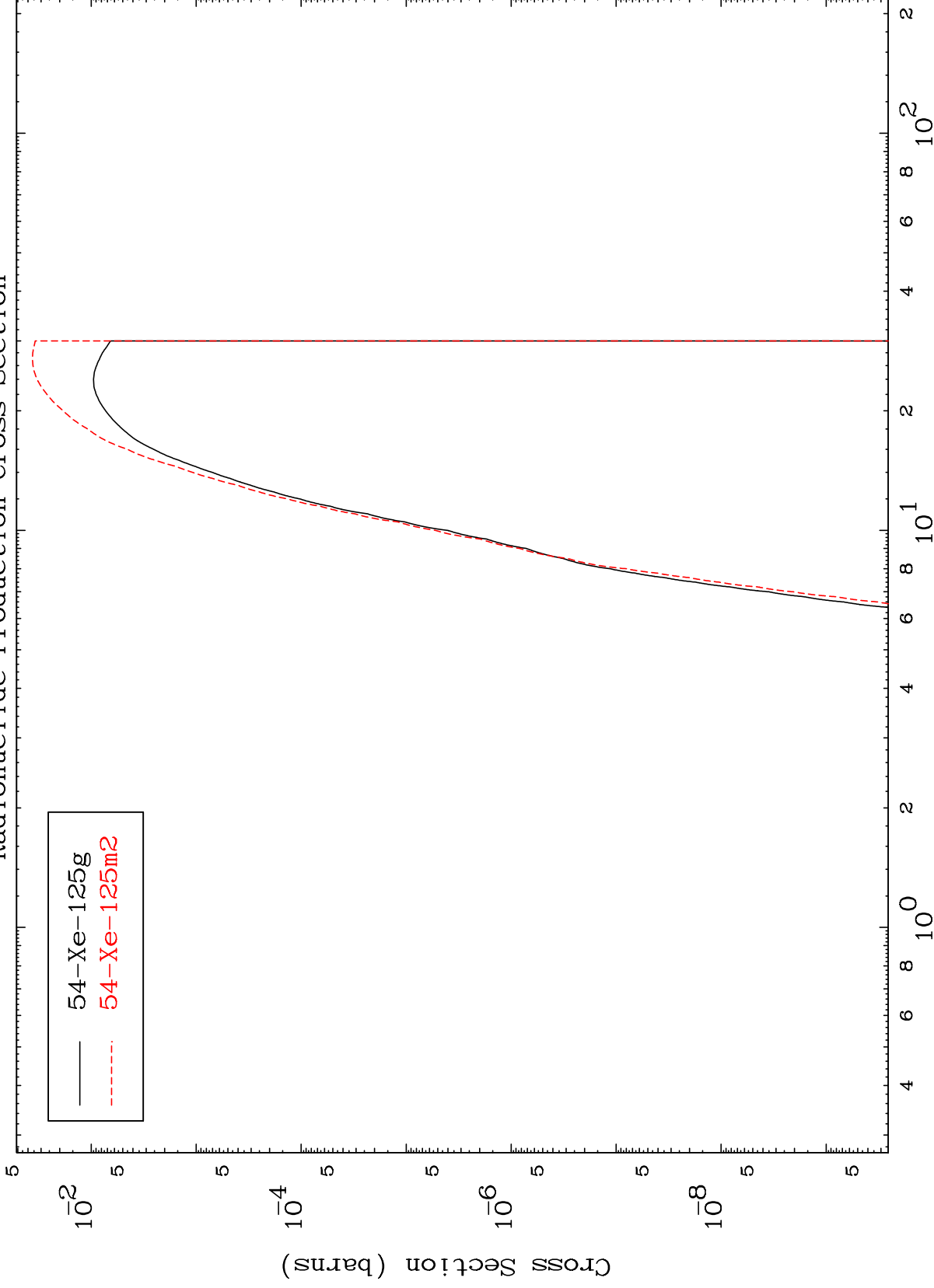
56-Ba-129

MAT 5622

$(n,n') \alpha$

56-Ba-129

Radionuclide Production Cross Section

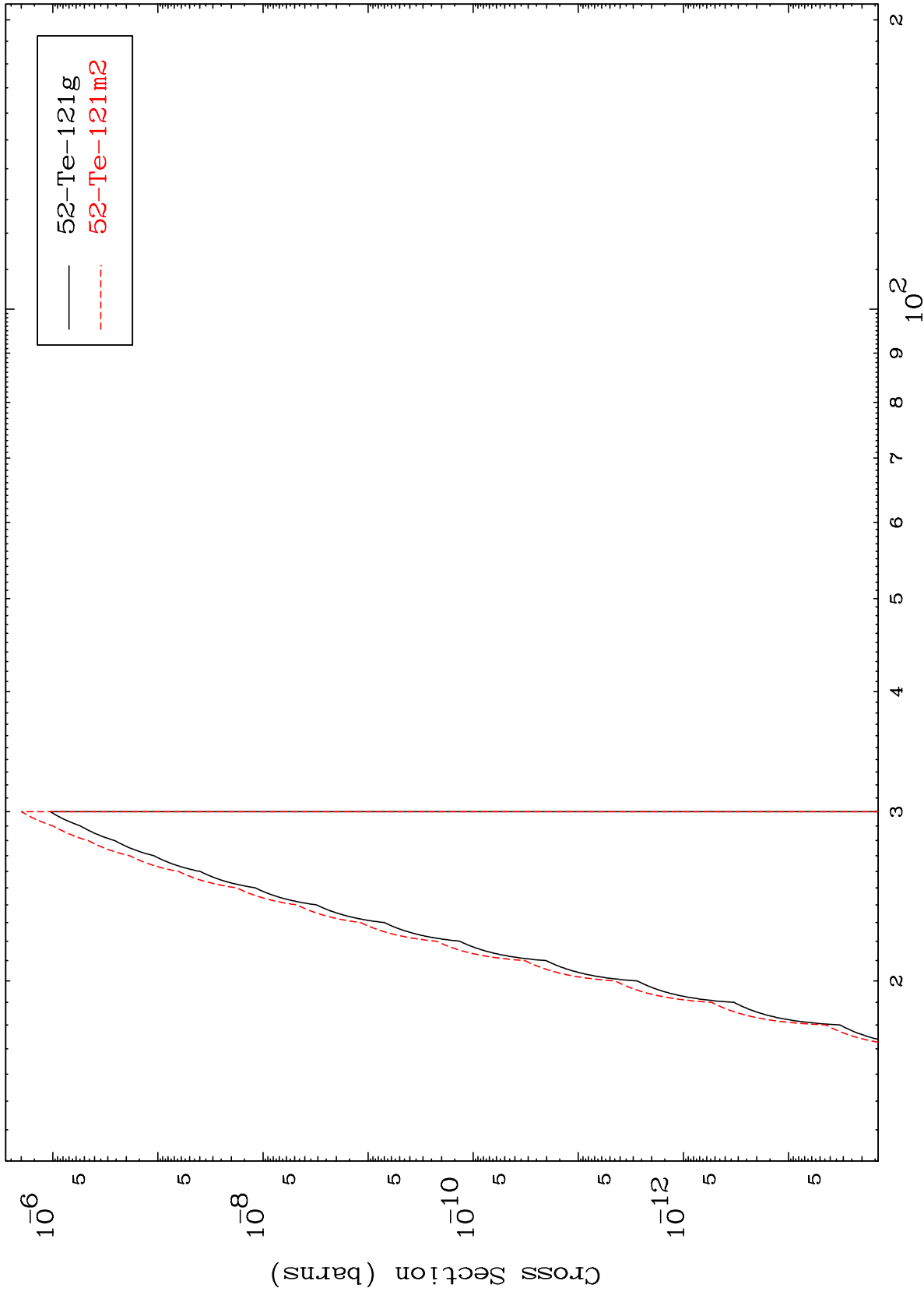


129

Incident Energy (MeV)

56-Ba-129

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

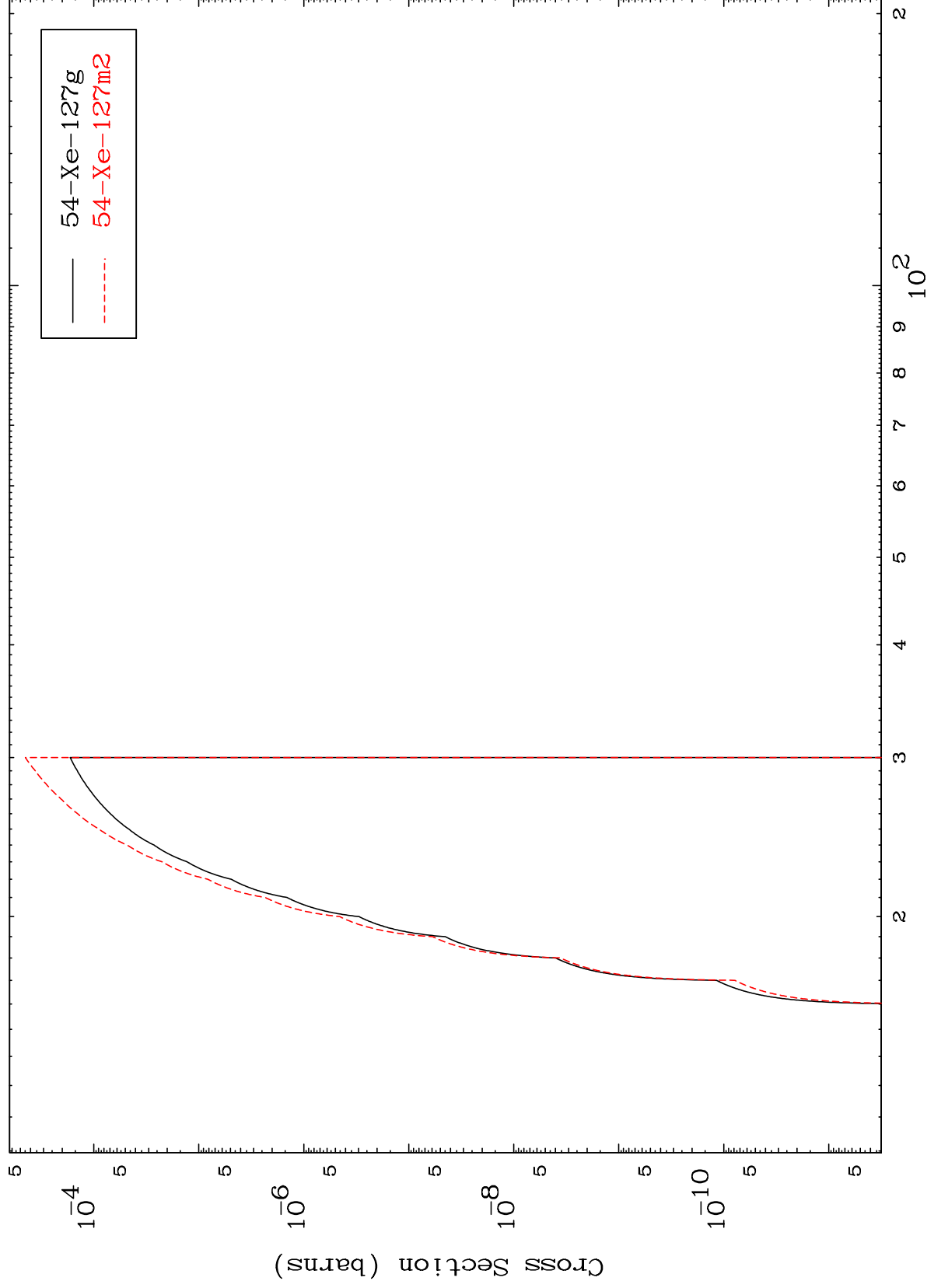


MAT 5622

(n,2n) p

56-Ba-129

Radionuclide Production Cross Section

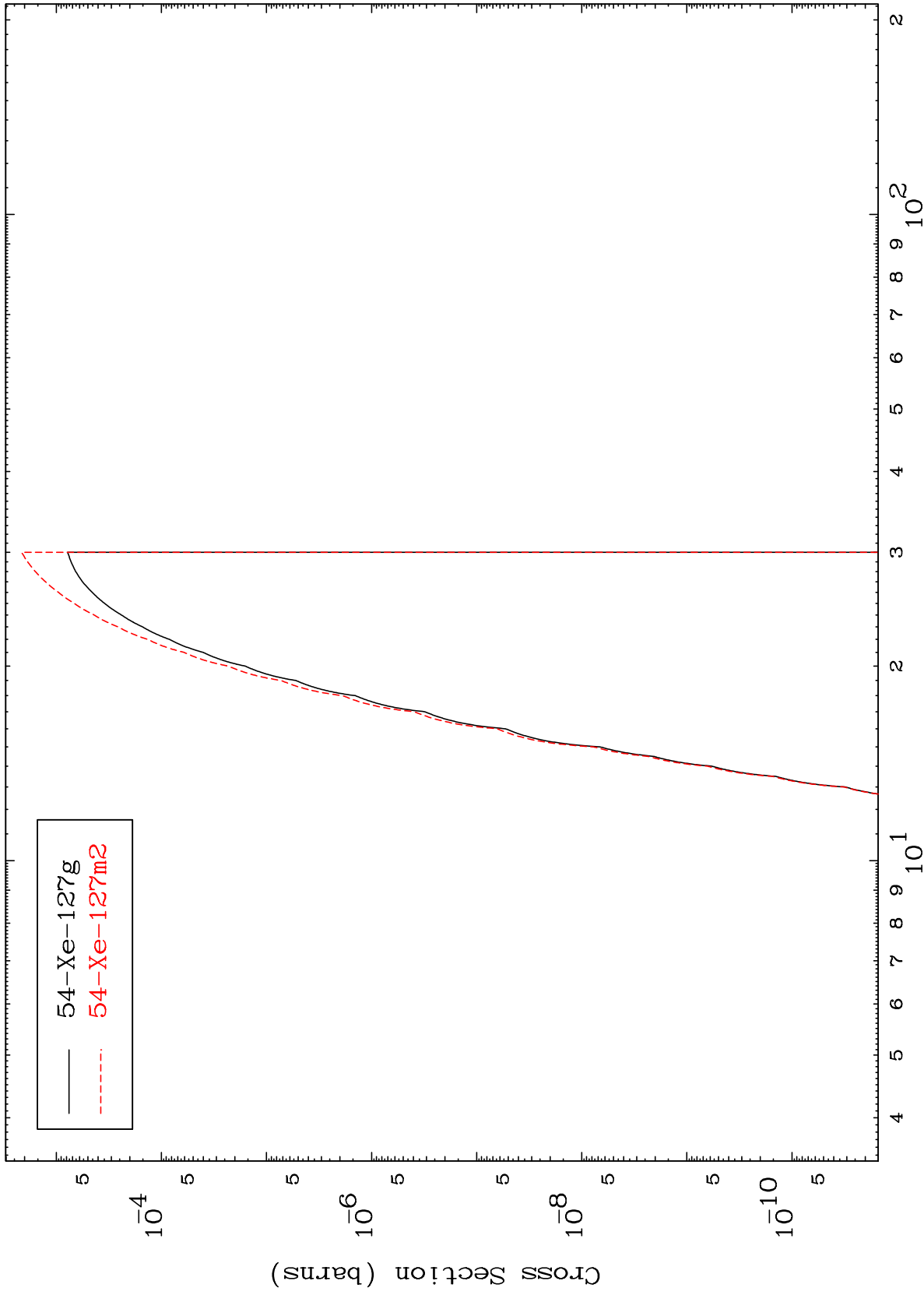


131

Incident Energy (MeV)

56-Ba-129

(n,He-3)
Radionuclide Production Cross Section

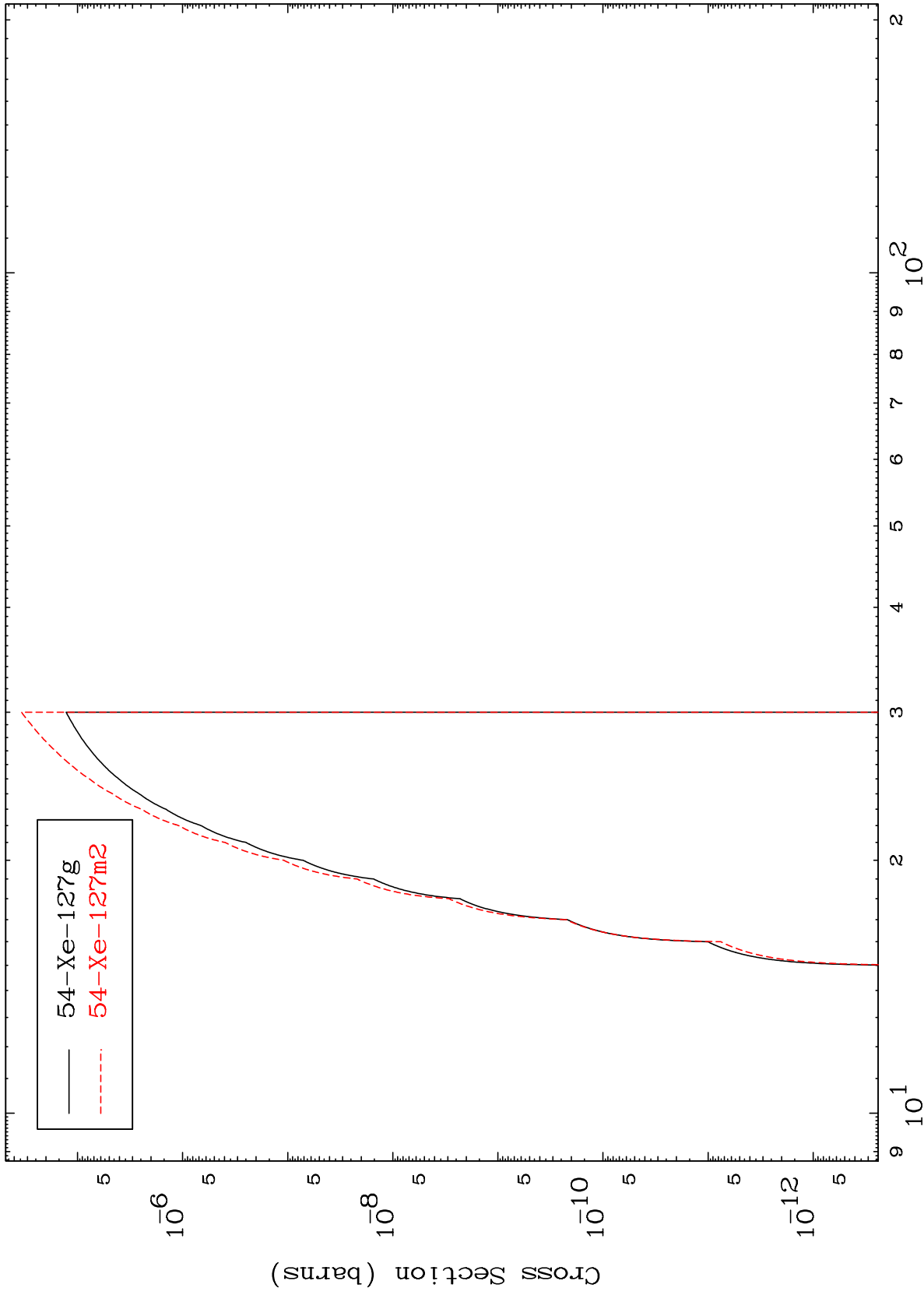


MAT 5622

(n,p) d

56-Ba-129

Radionuclide Production Cross Section



133

Incident Energy (MeV)

56-Ba-129