

Program EVALPLOT
(Version 2021-1)

by

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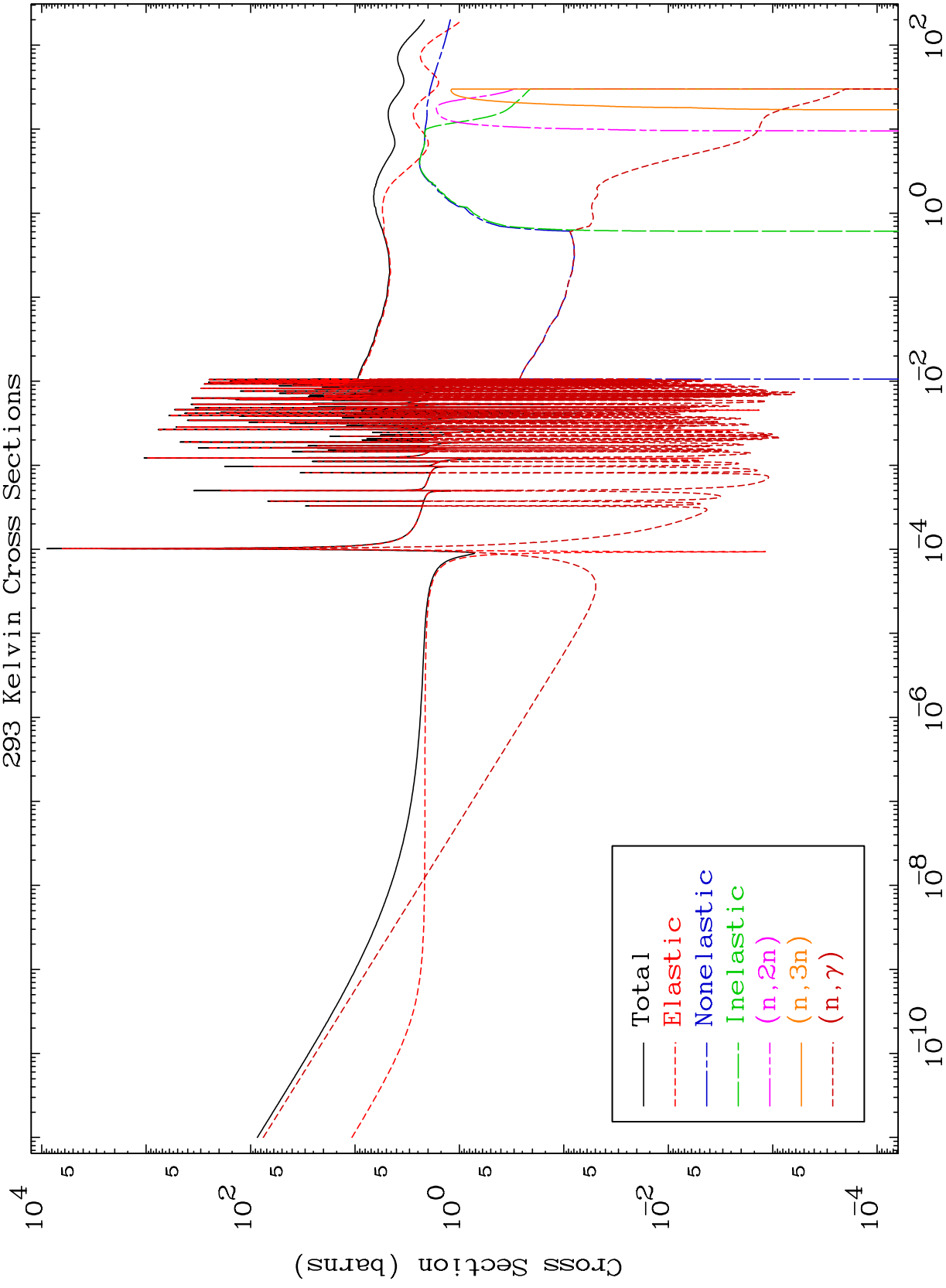
Press Mouse Button to Start

MAT 5637

Neutron Major

293 Kelvin Cross Sections

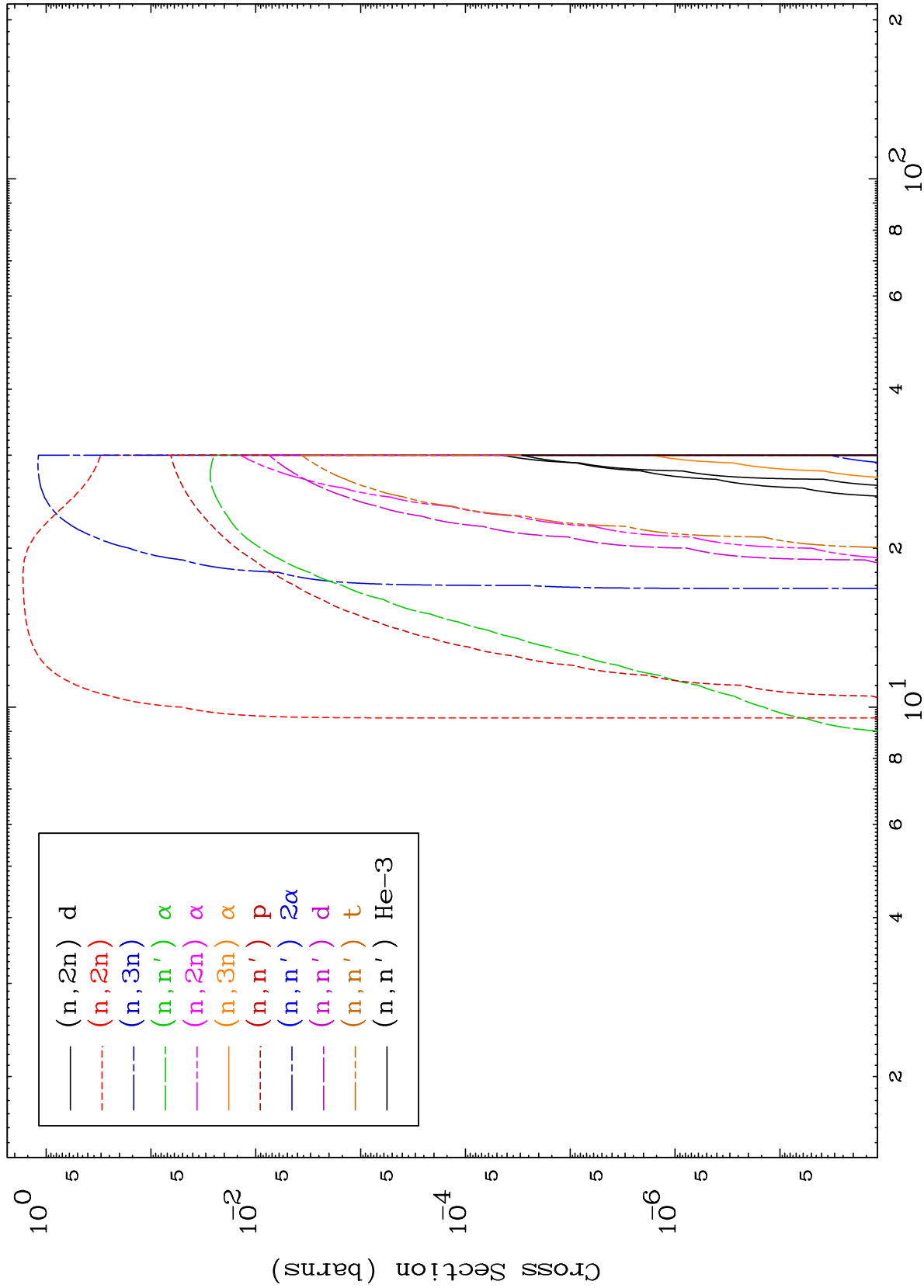
56-Ba-134



MAT 5637

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-134



2

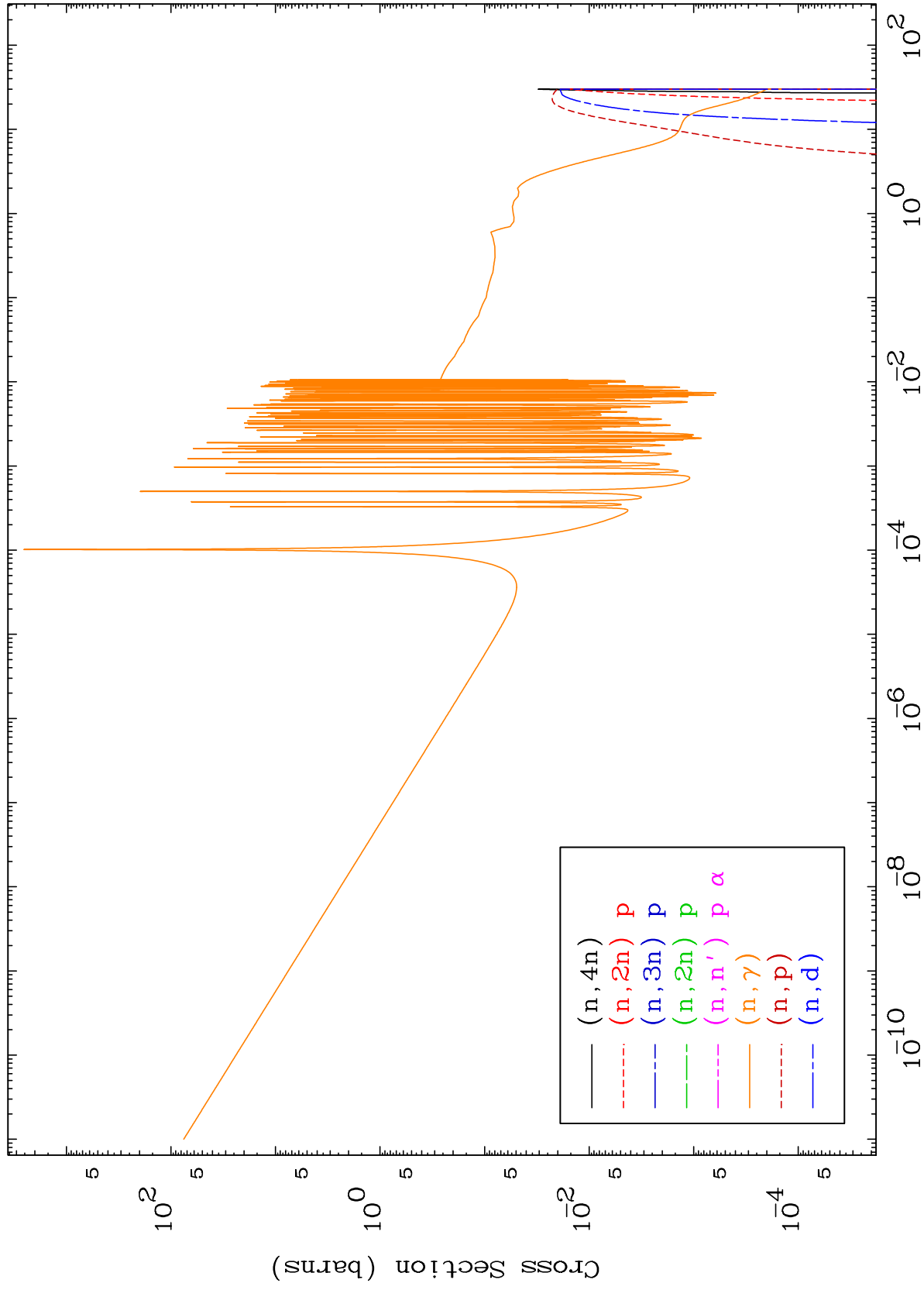
Incident Energy (MeV)

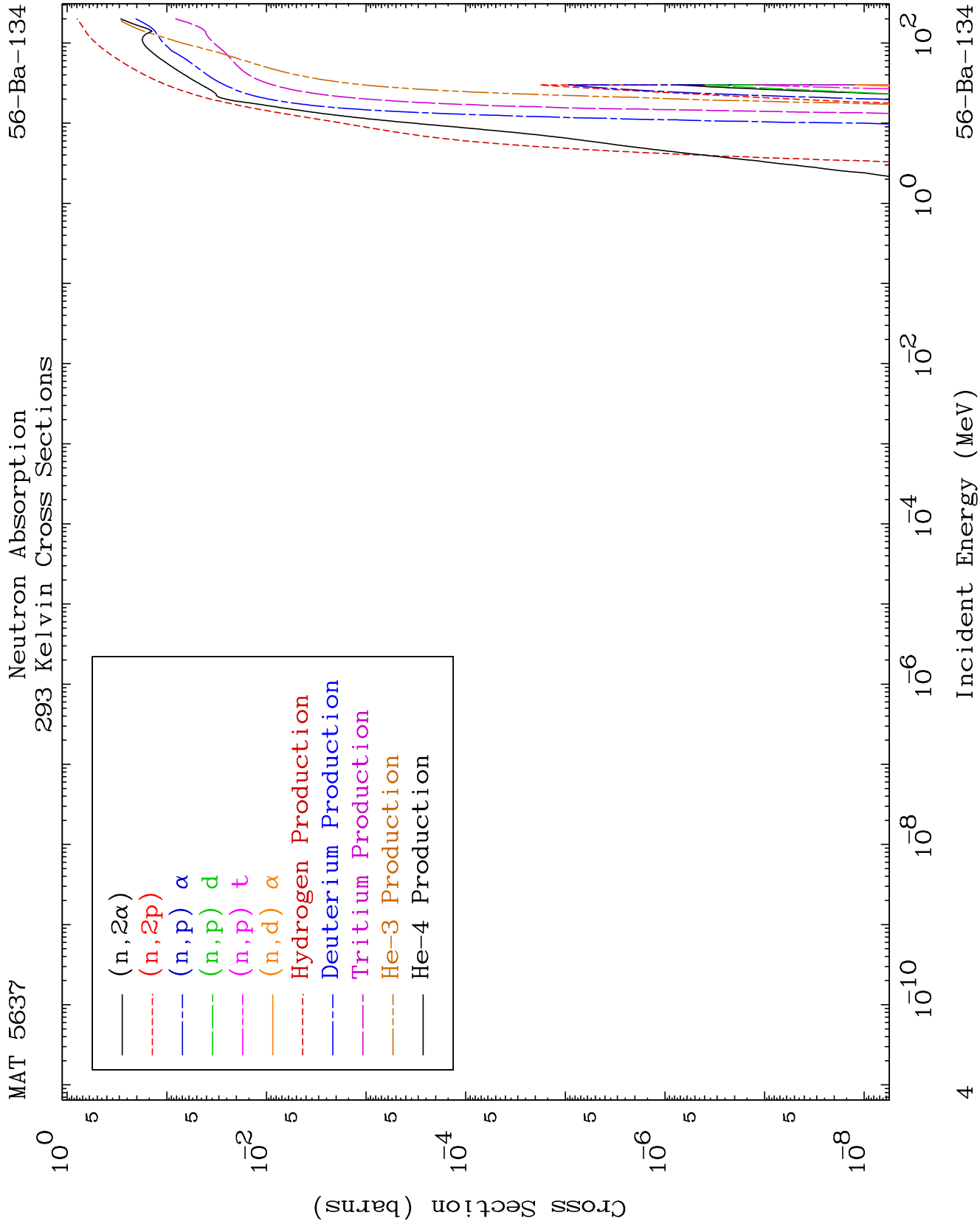
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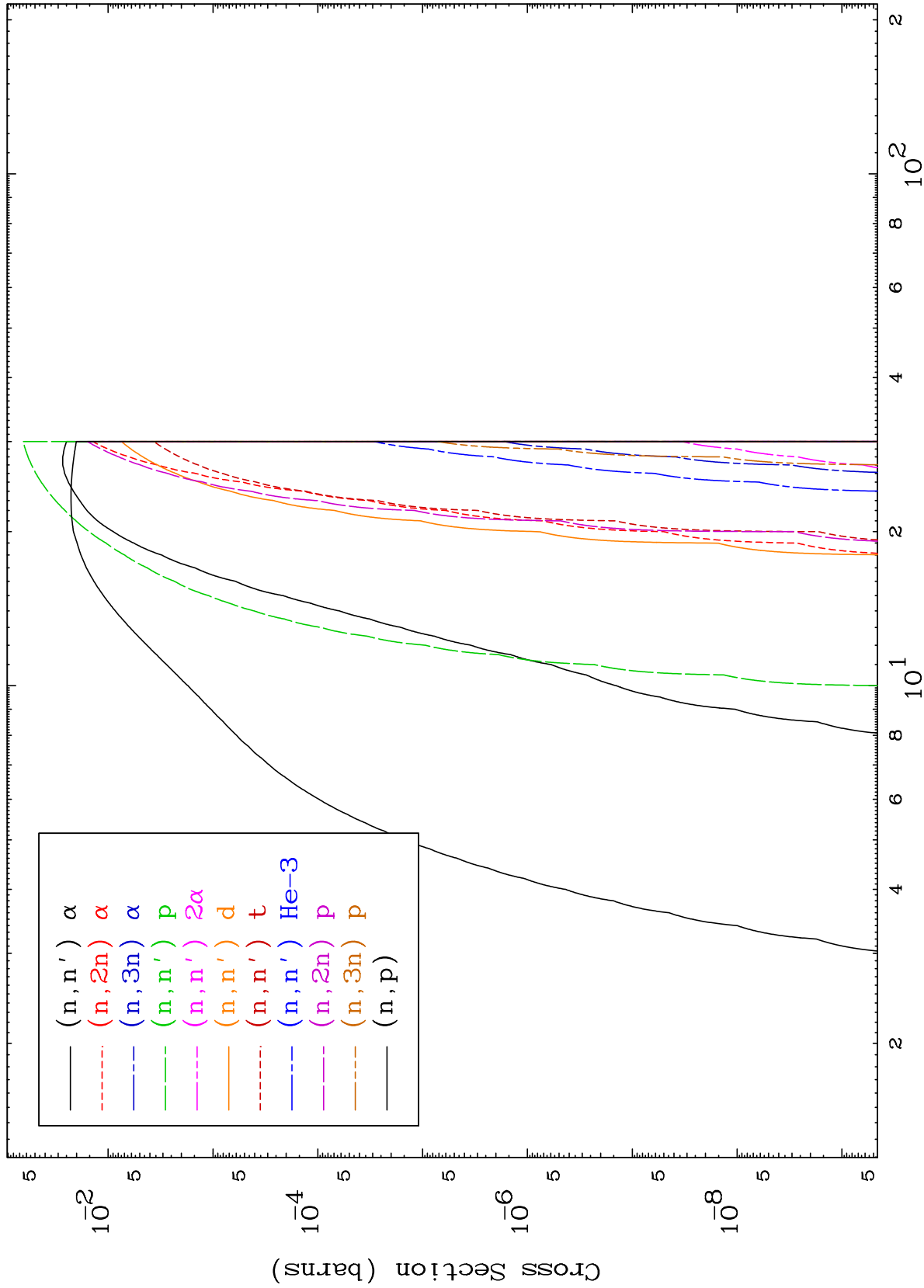
MAT 5637

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-134



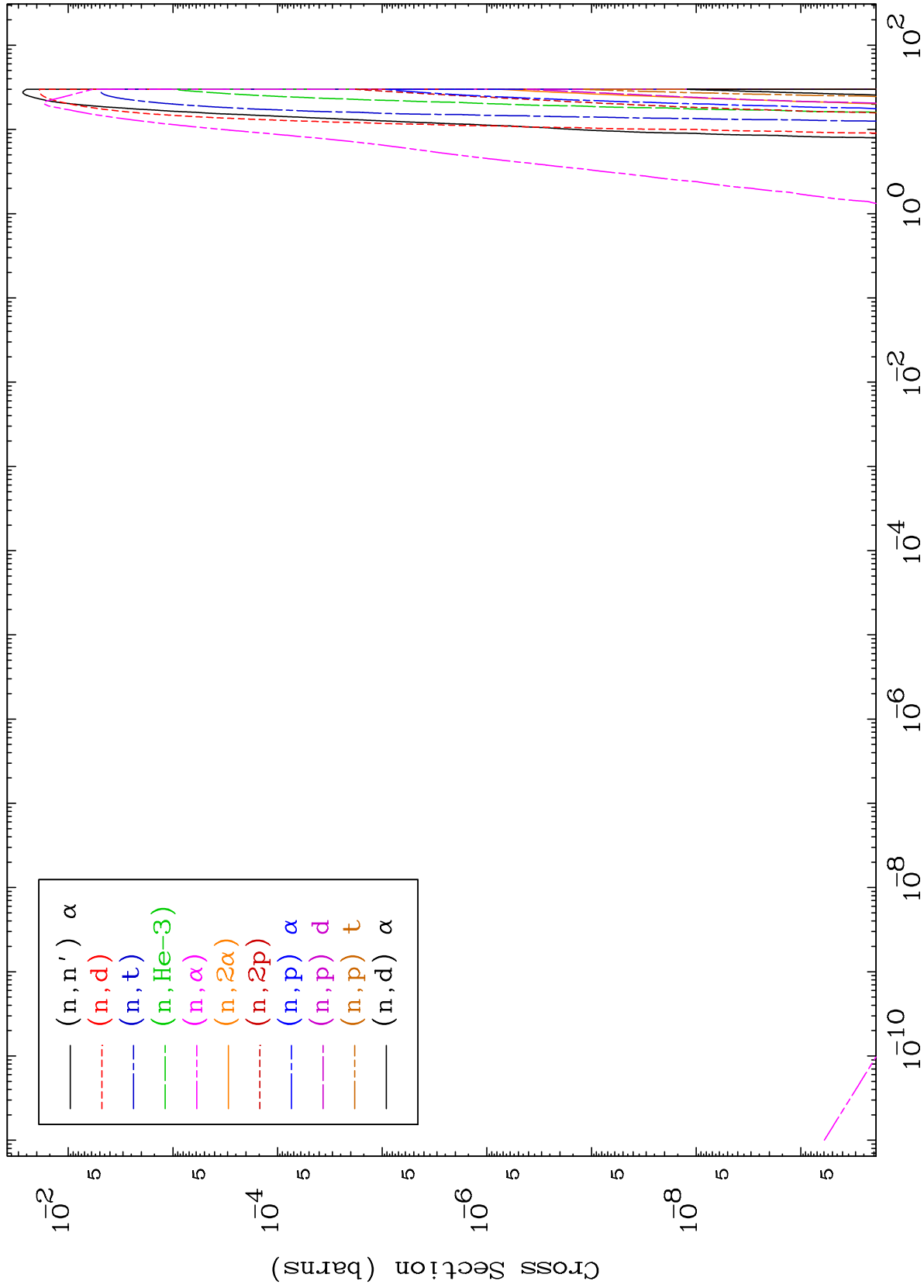




MAT 5637

Charged Particle
293 Kelvin Cross Sections

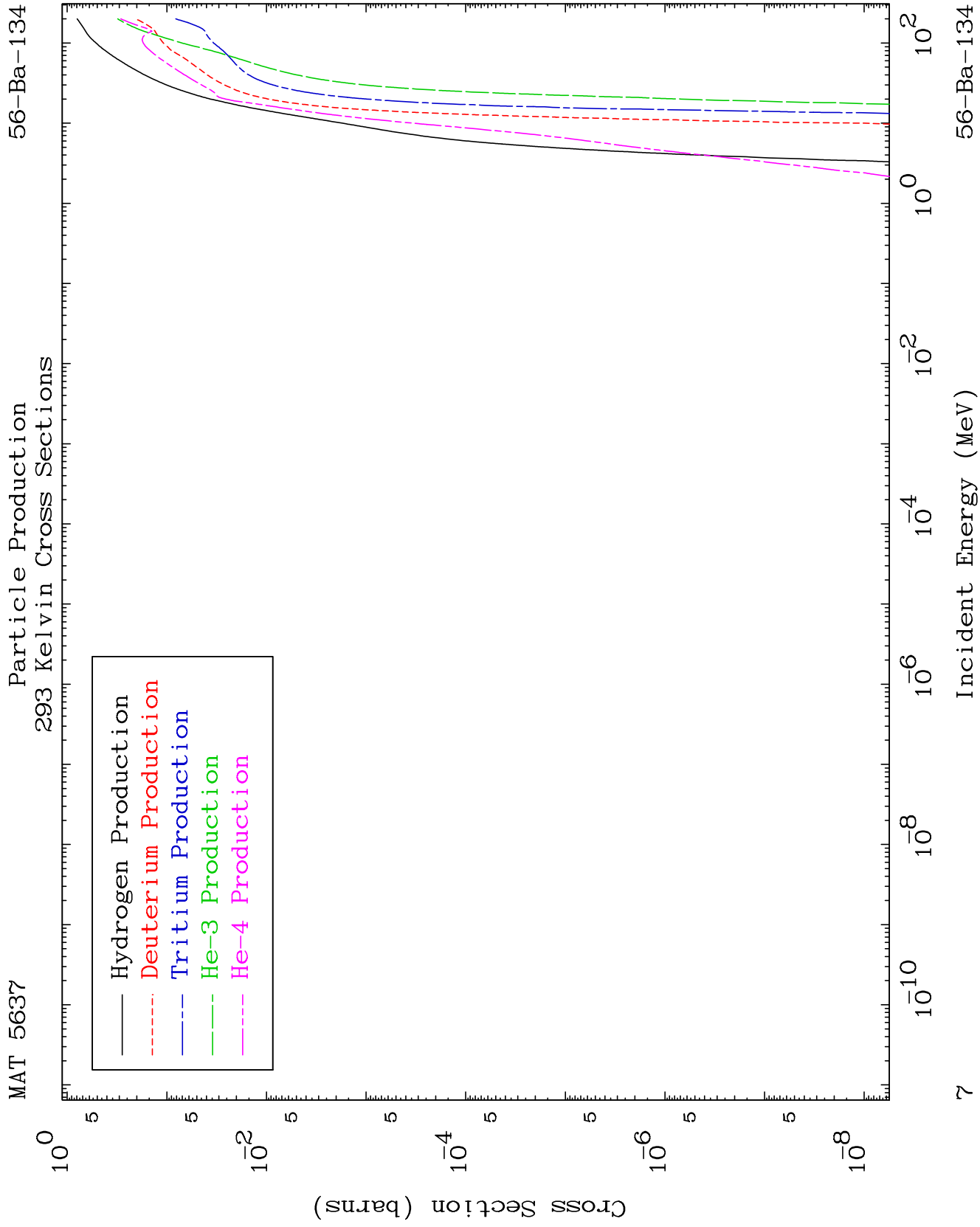
56-Ba-134



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Incident Energy (MeV)

56-Ba-134

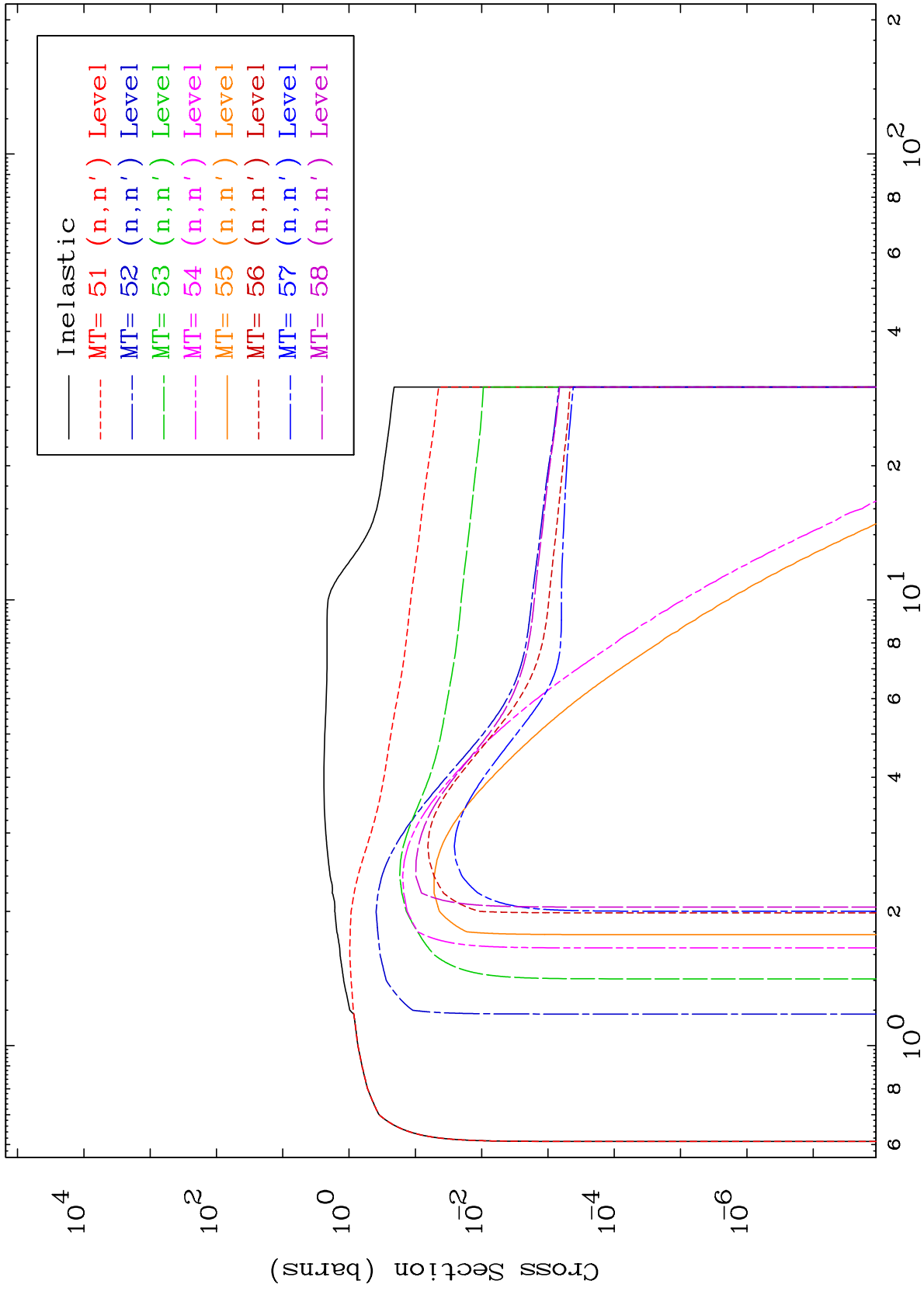


MAT 5637

(n,n') Levels

56-Ba-134

293 Kelvin Cross Sections

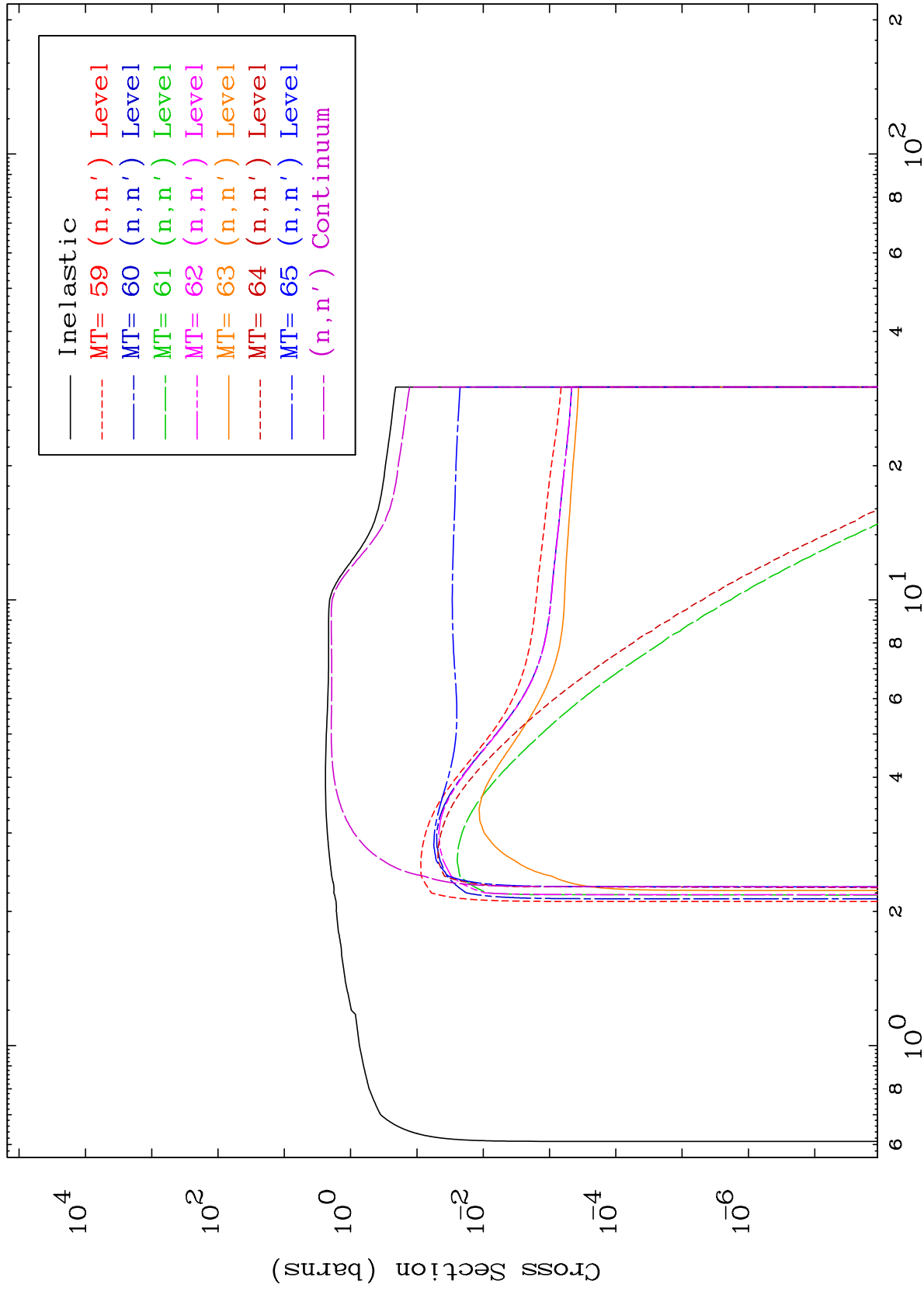


8

Incident Energy (MeV)

56-Ba-134

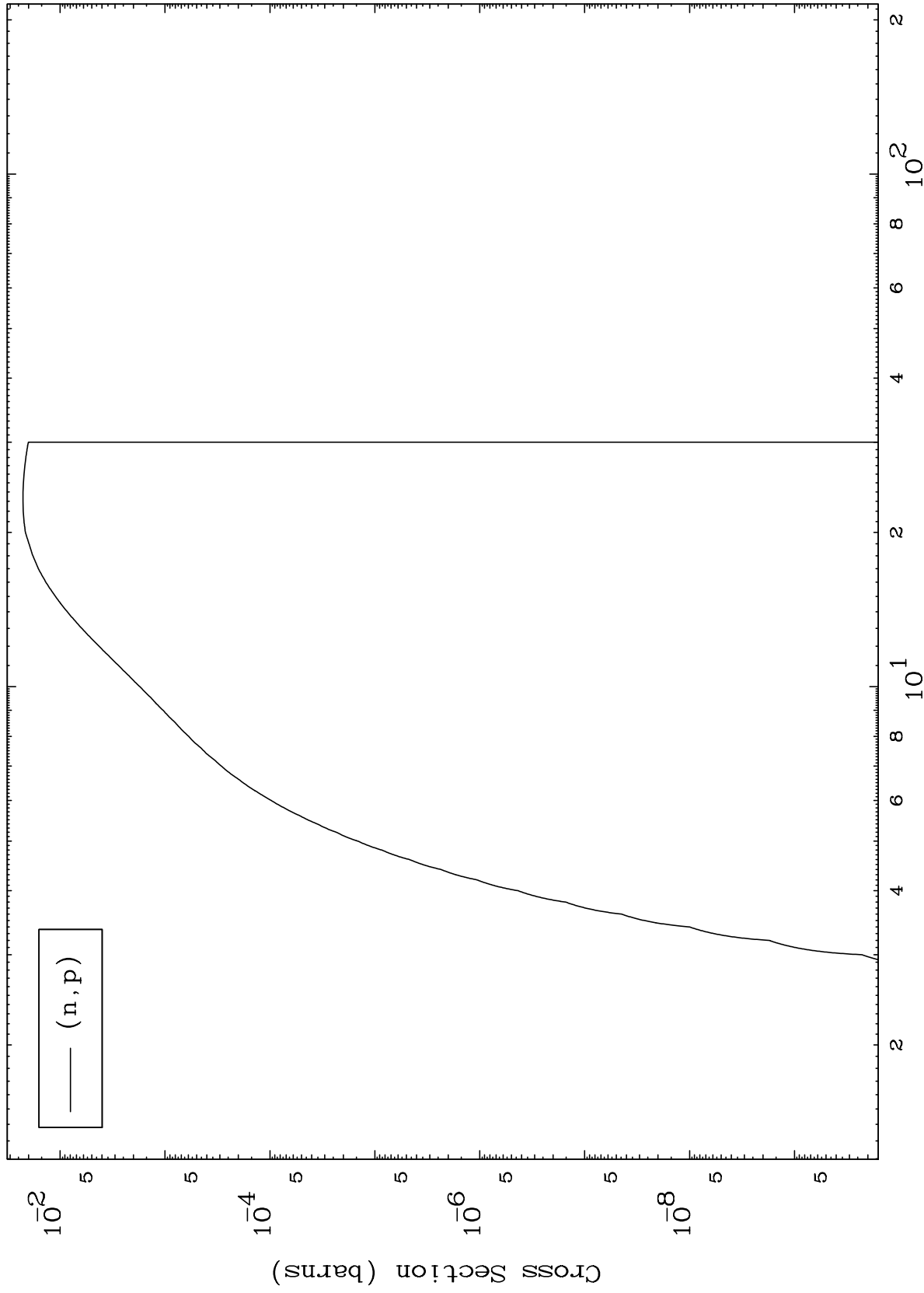
(n,n') Levels
293 Kelvin Cross Sections



MAT 5637

(n,p) Levels
293 Kelvin Cross Sections

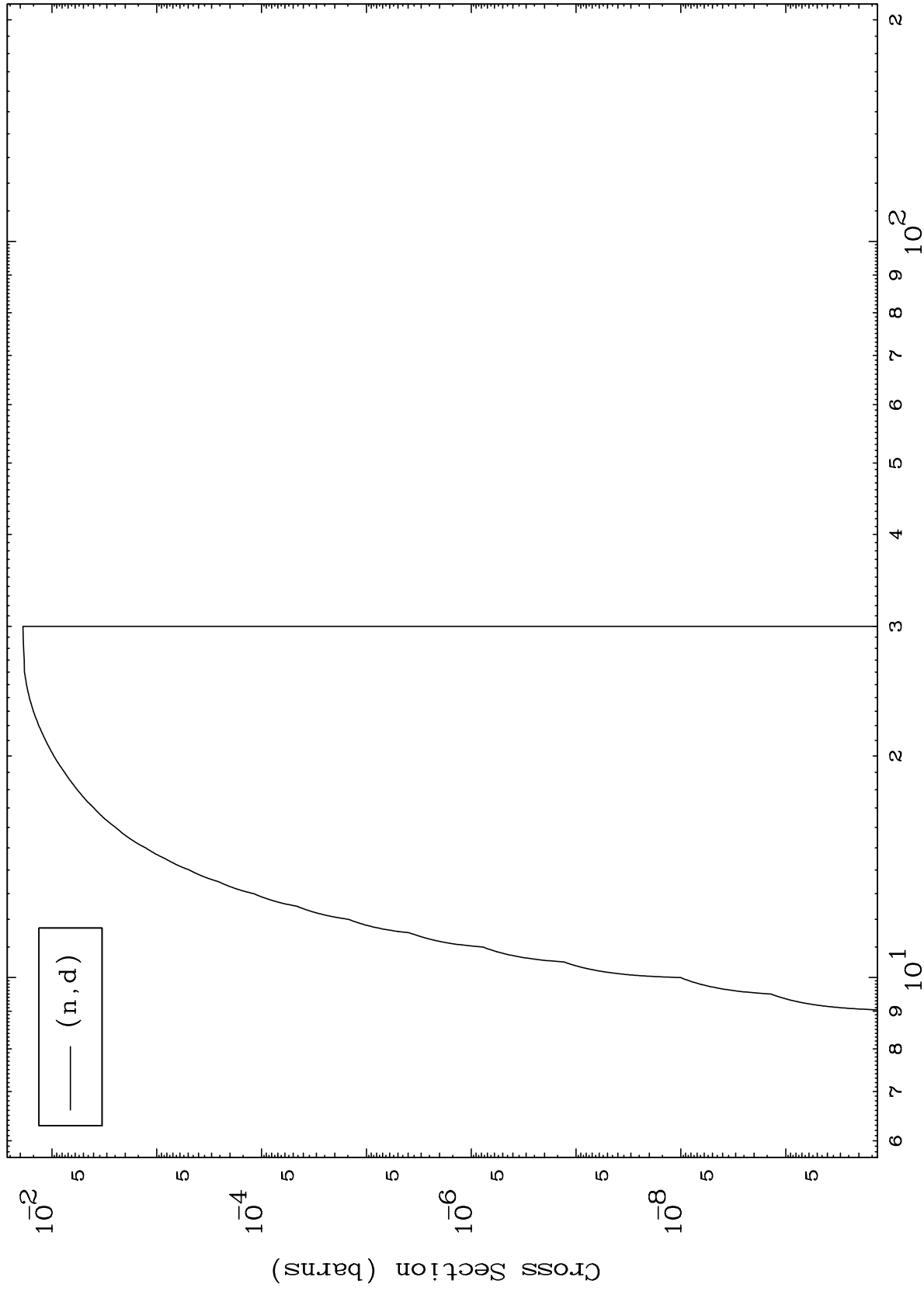
56-Ba-134



MAT 5637

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-134



11

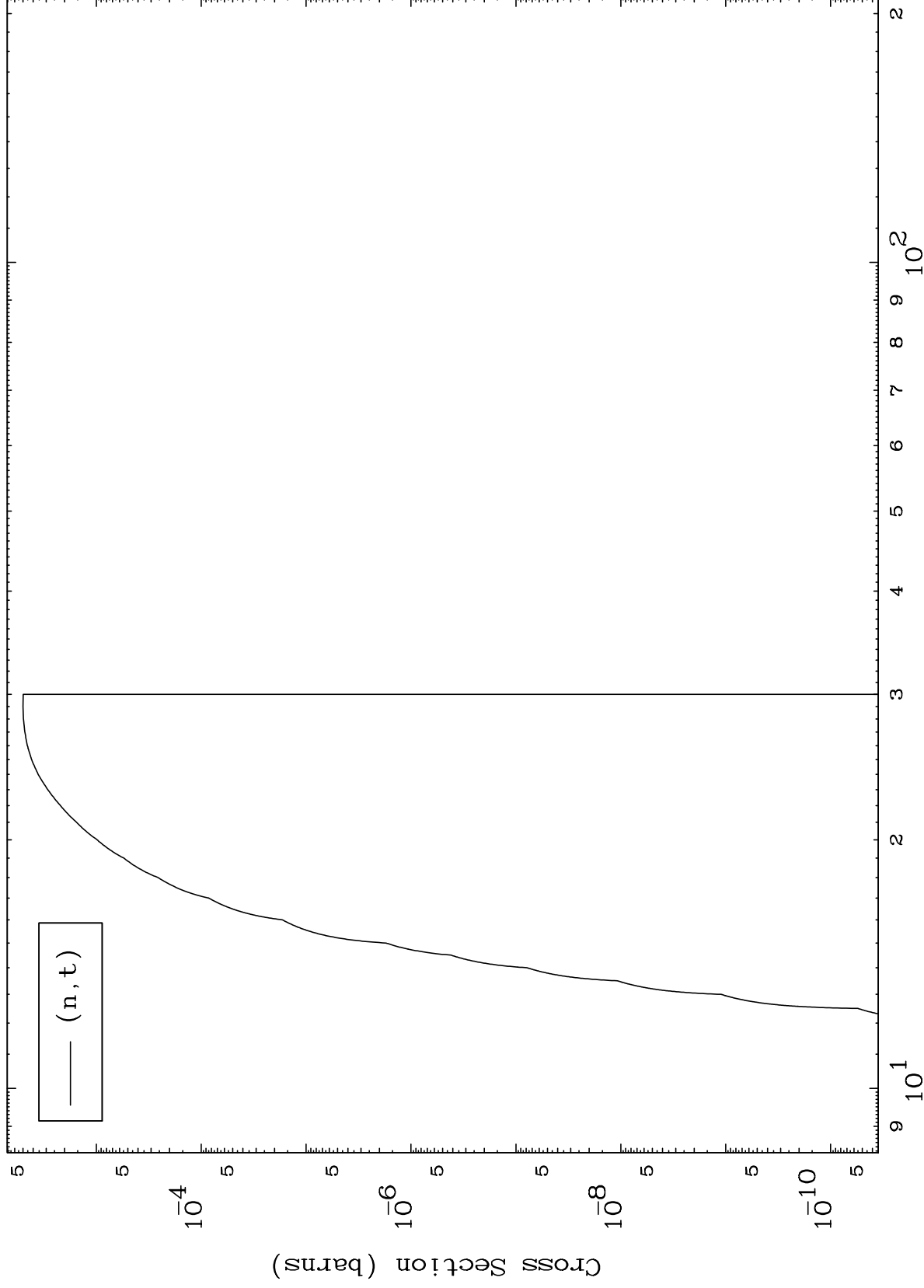
Incident Energy (MeV)

56-Ba-134

MAT 5637

56-Ba-134

(n,t) Levels
293 Kelvin Cross Sections



12

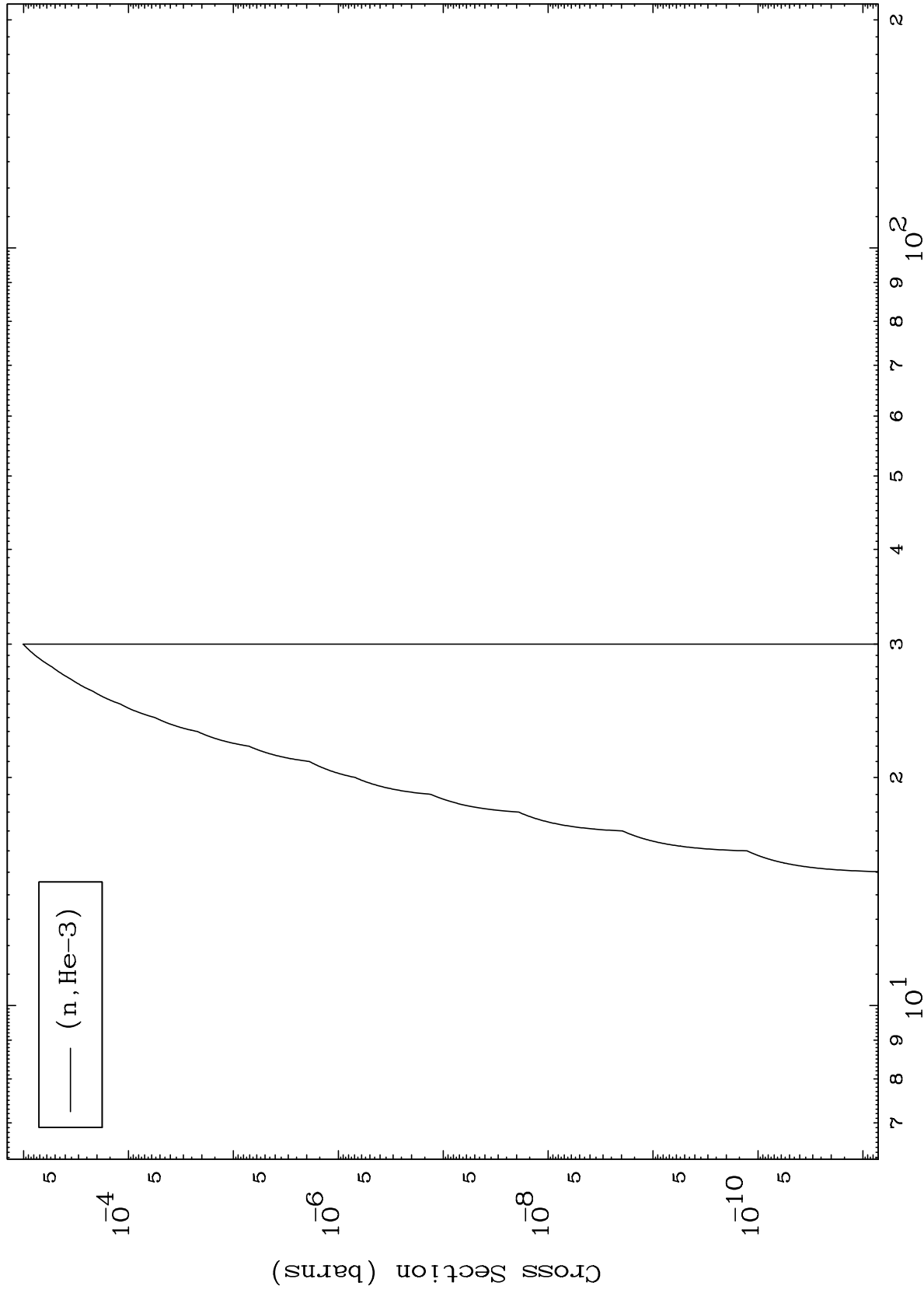
Incident Energy (MeV)

56-Ba-134

MAT 5637

56-Ba-134

(n,He3) Levels
293 Kelvin Cross Sections



13

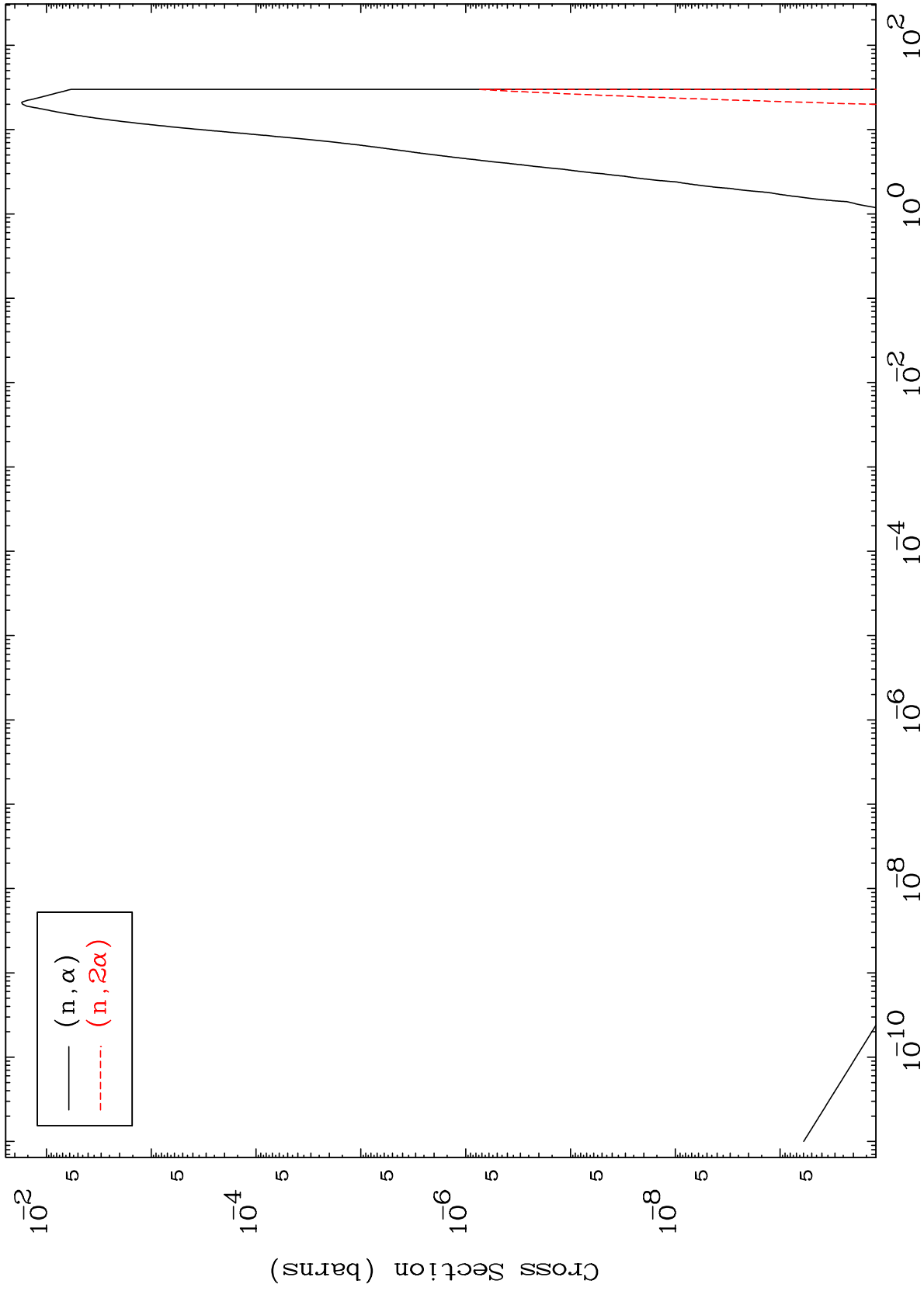
Incident Energy (MeV)

56-Ba-134

MAT 5637

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-134



14

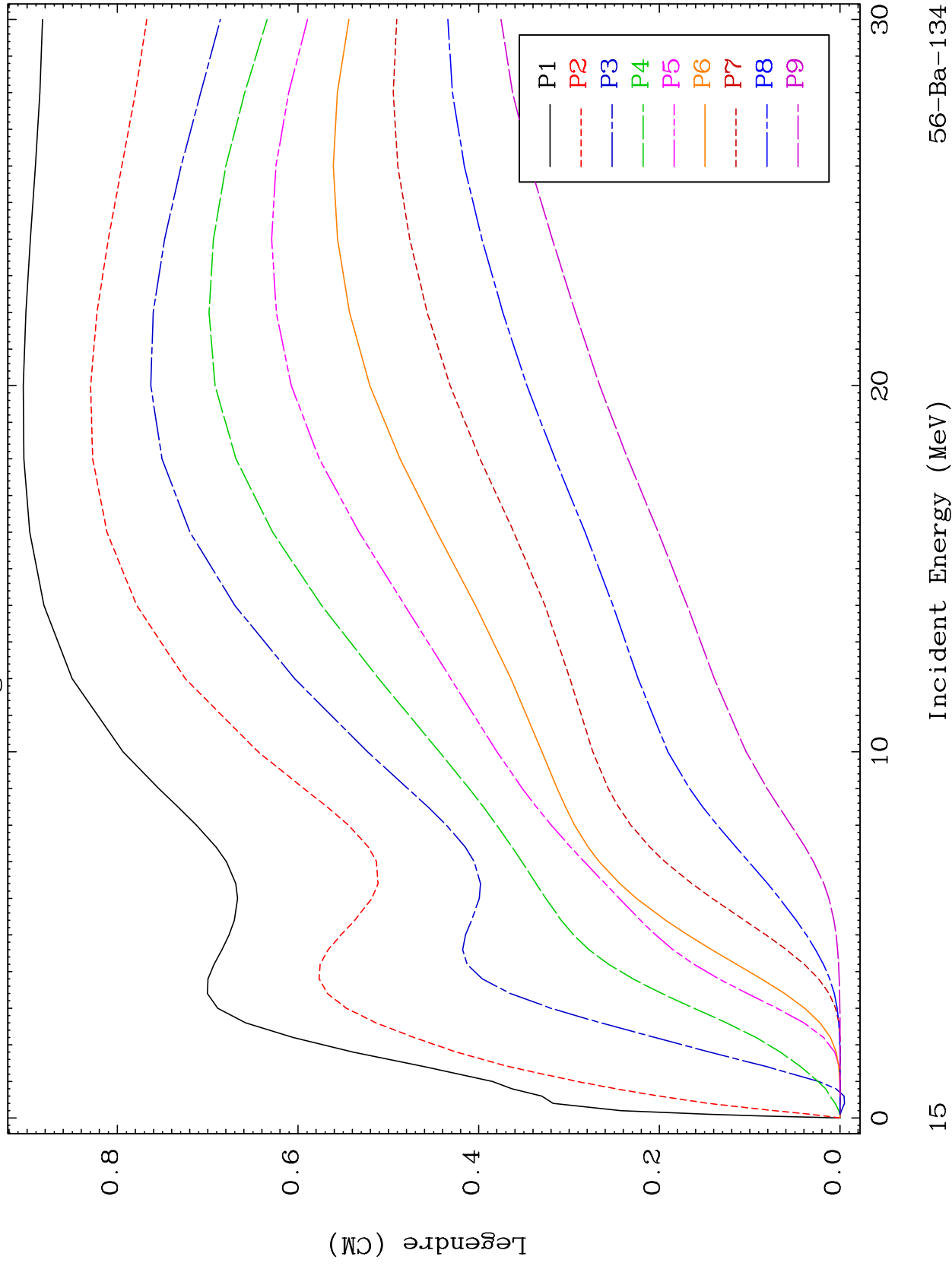
Incident Energy (MeV)

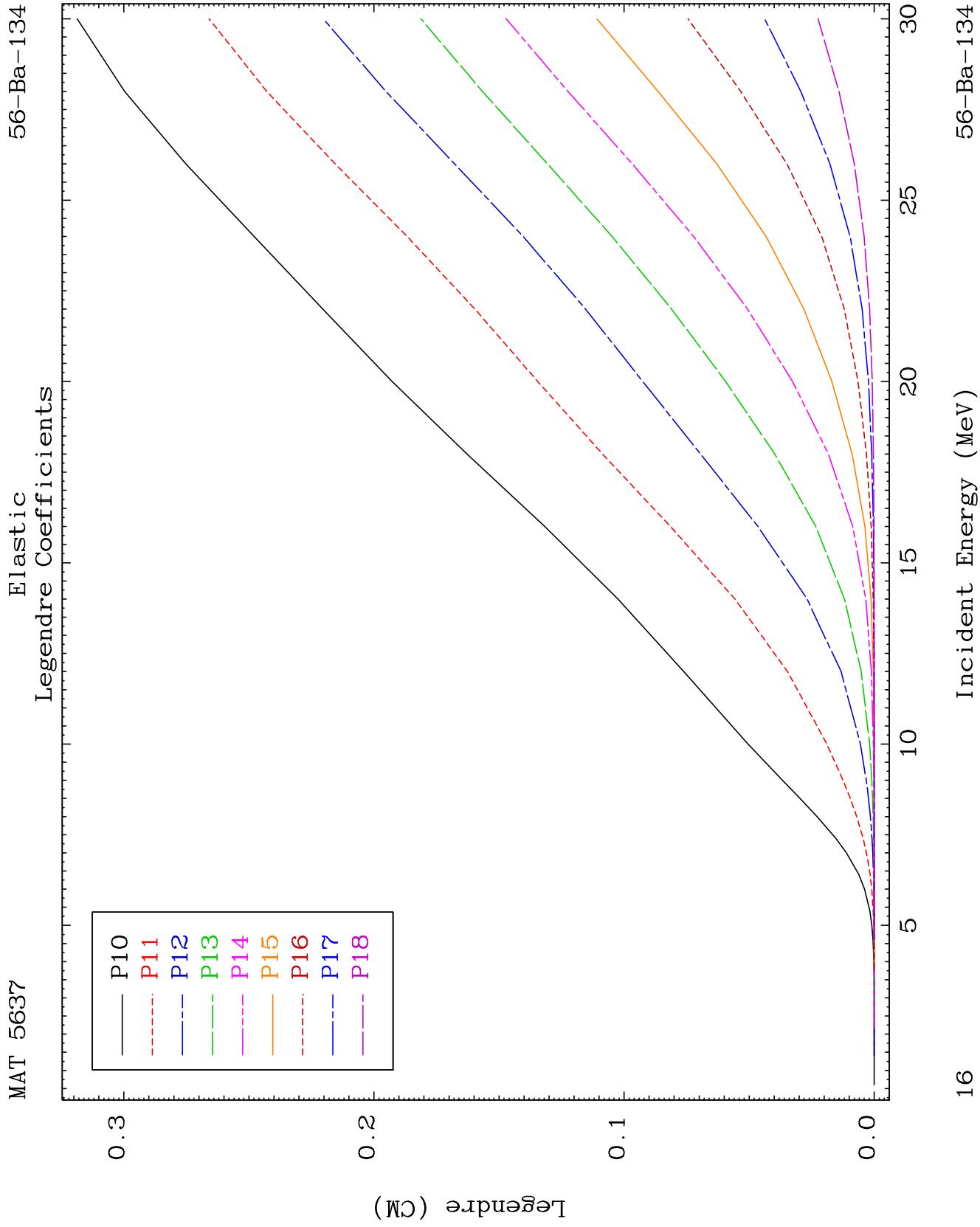
56-Ba-134

MAT 5637

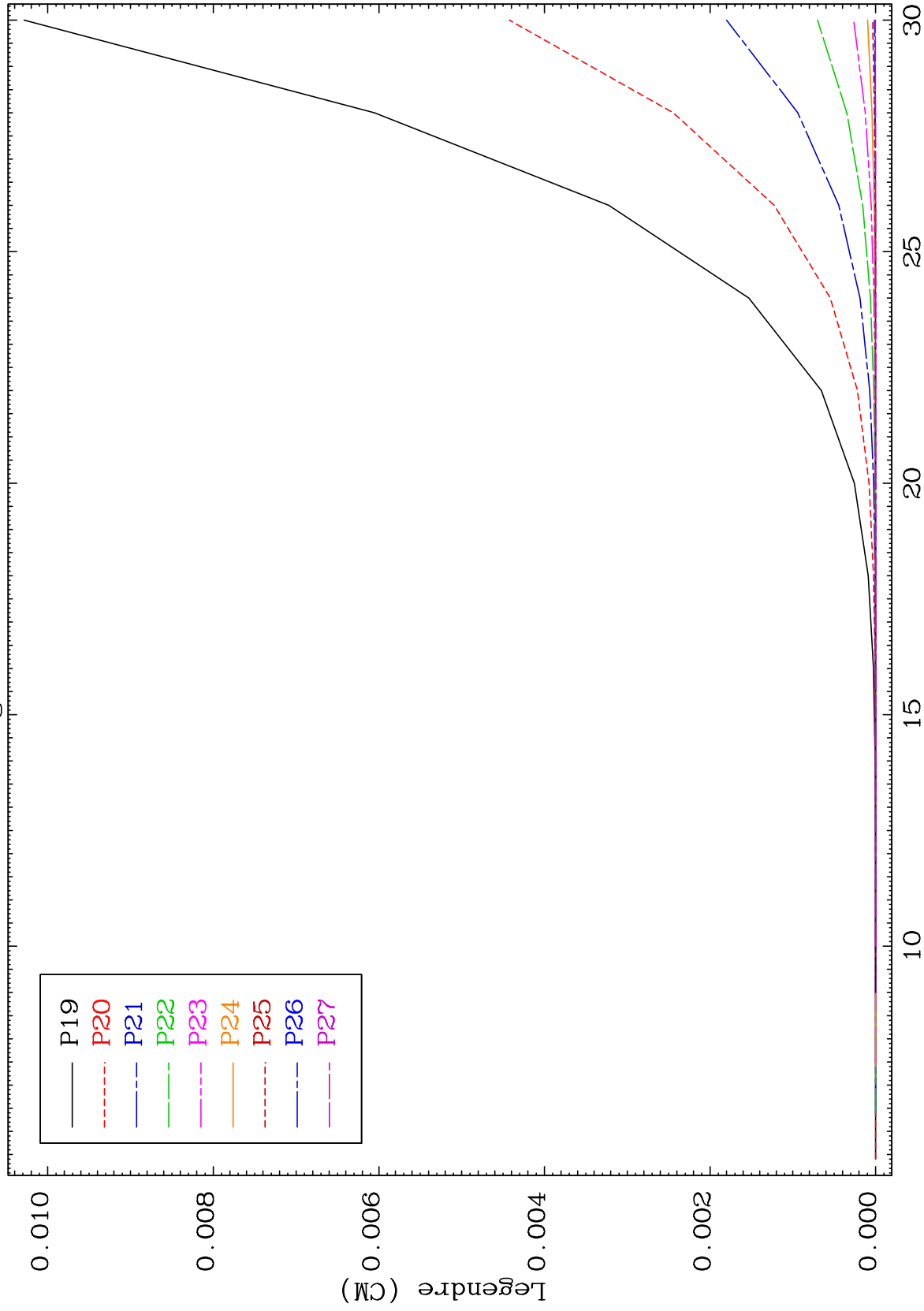
Elastic
Legendre Coefficients

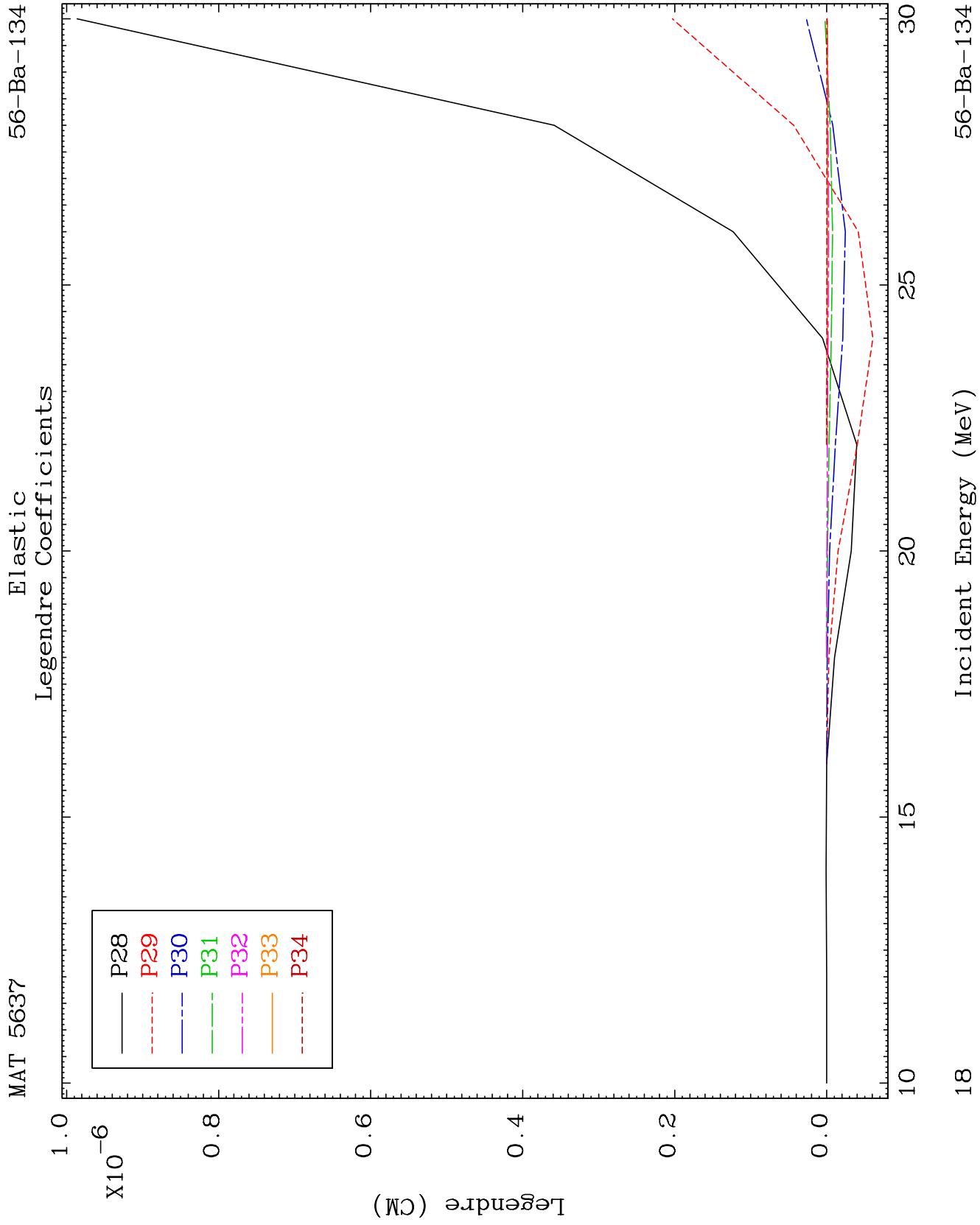
56-Ba-134





Elastic Legendre Coefficients

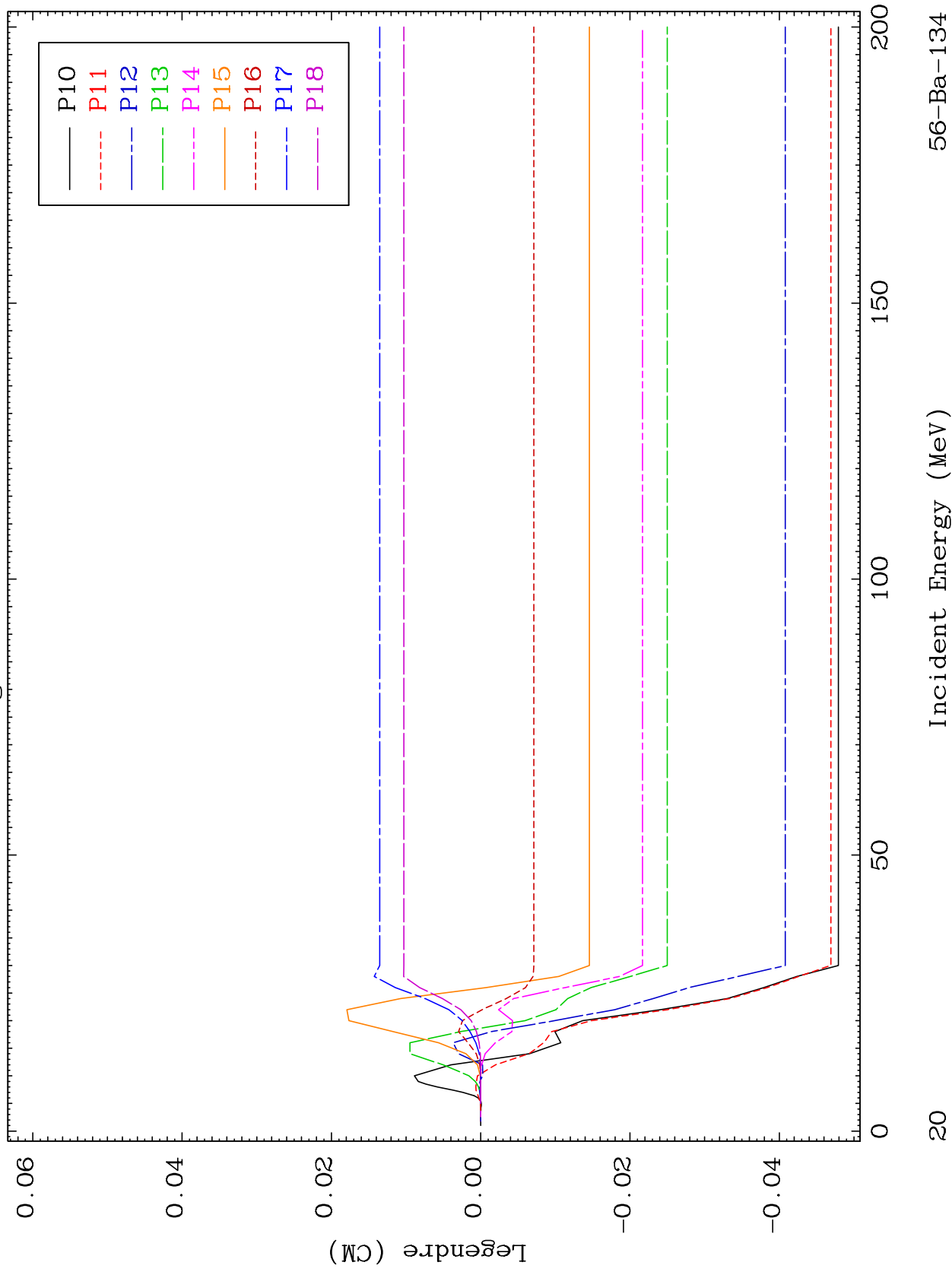


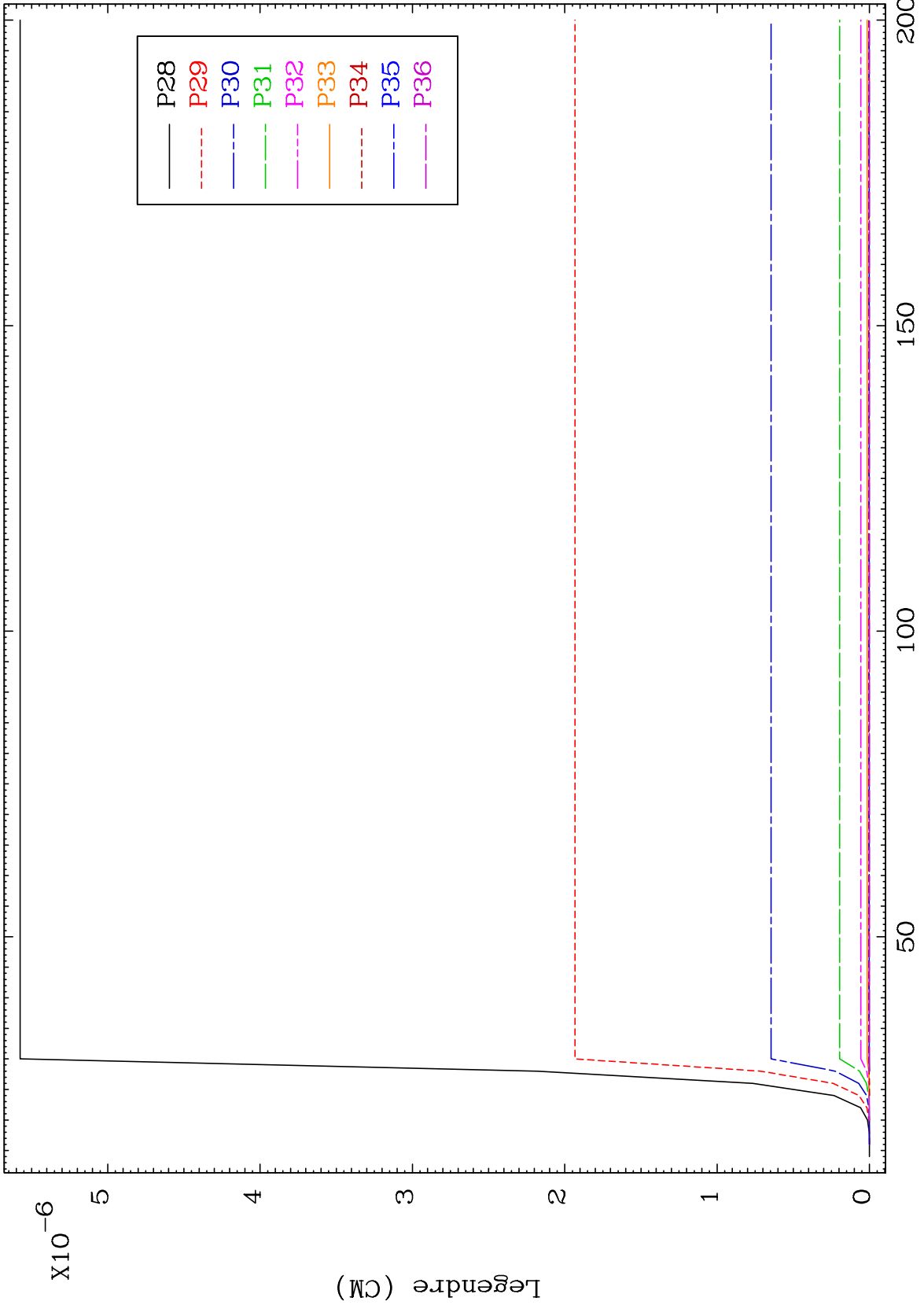


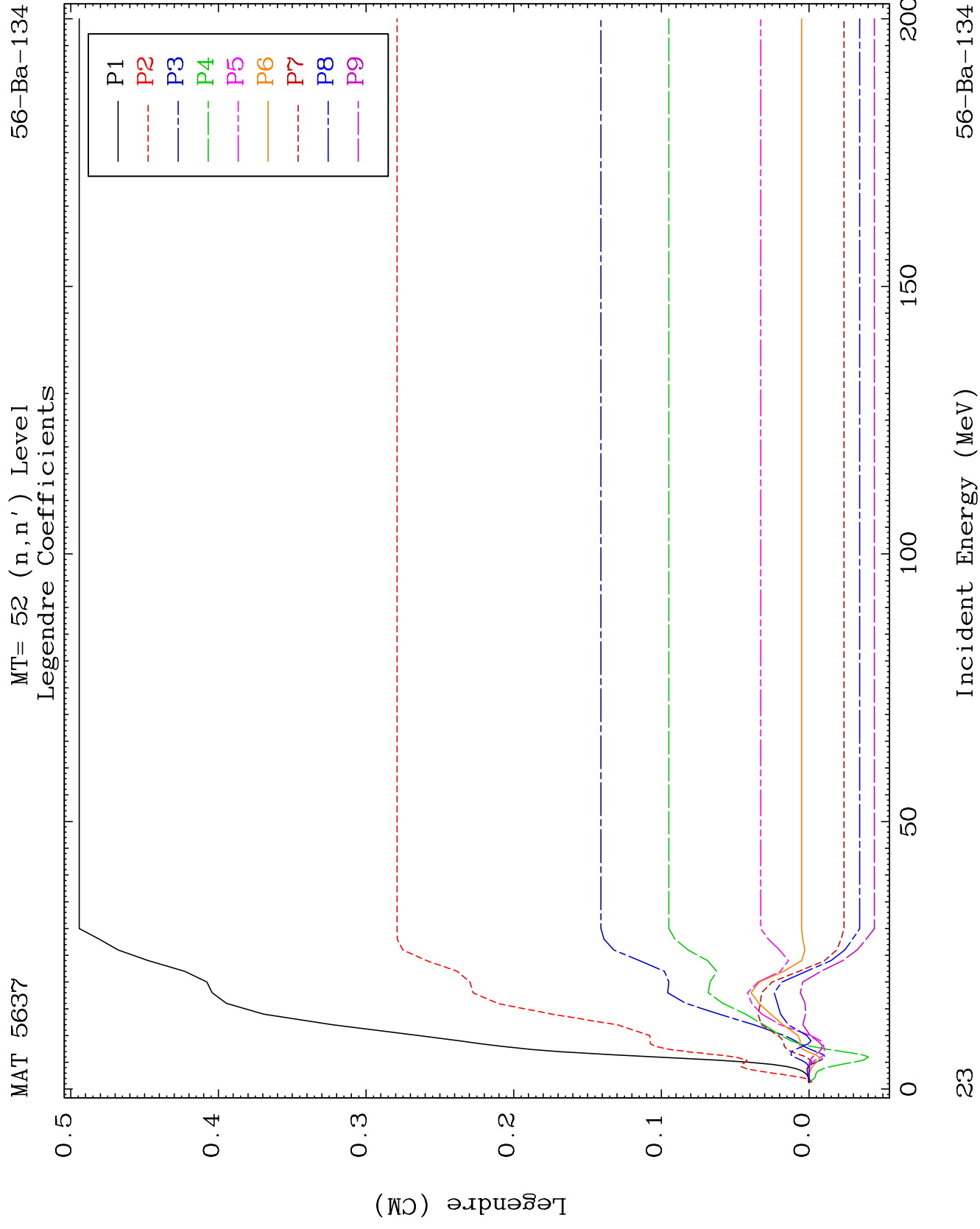
MAT 5637

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

56-Ba-134



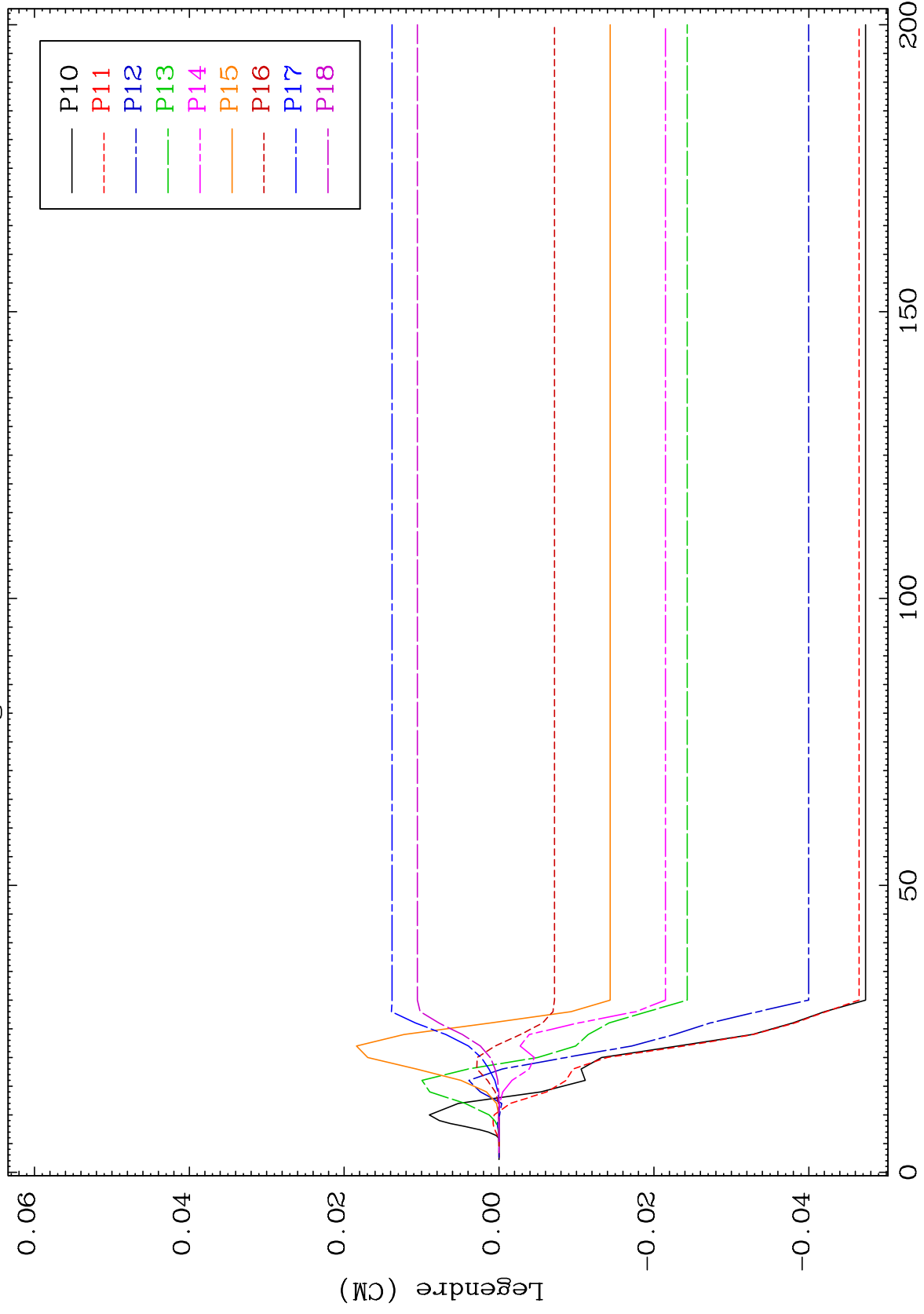




MAT 5637

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

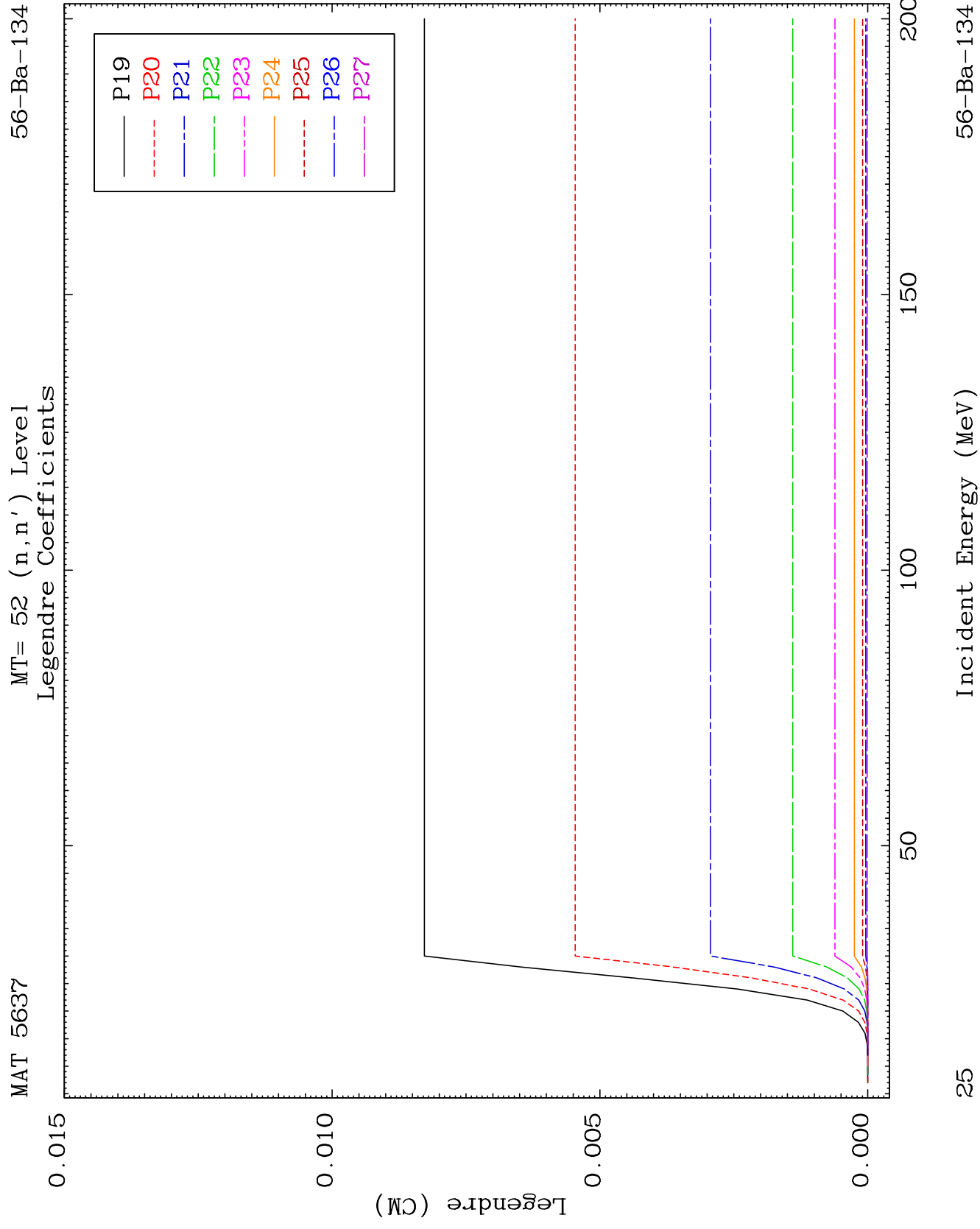
56-Ba-134



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Incident Energy (MeV)

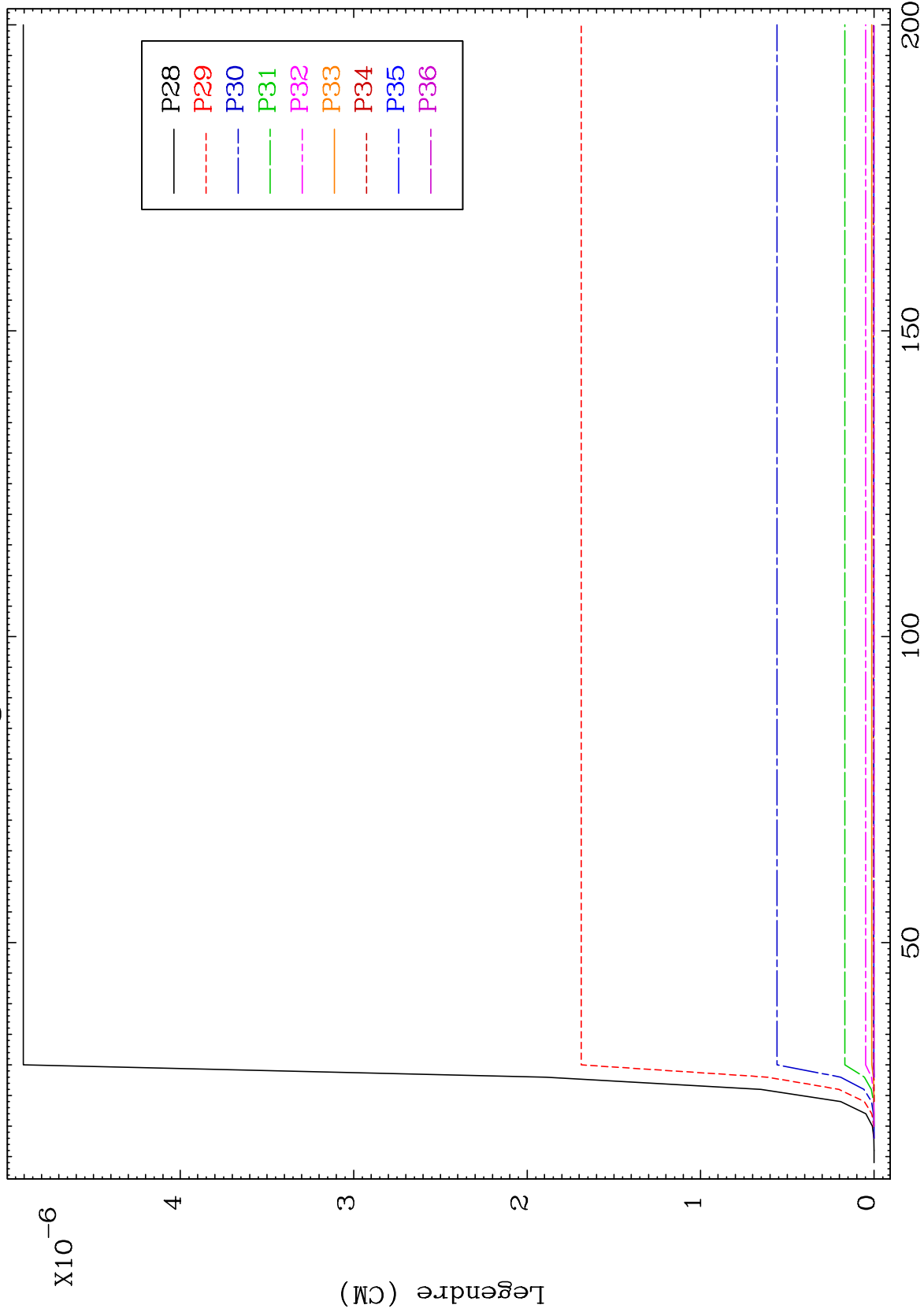
56-Ba-134



MAT 5637

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

56-Ba-134



26

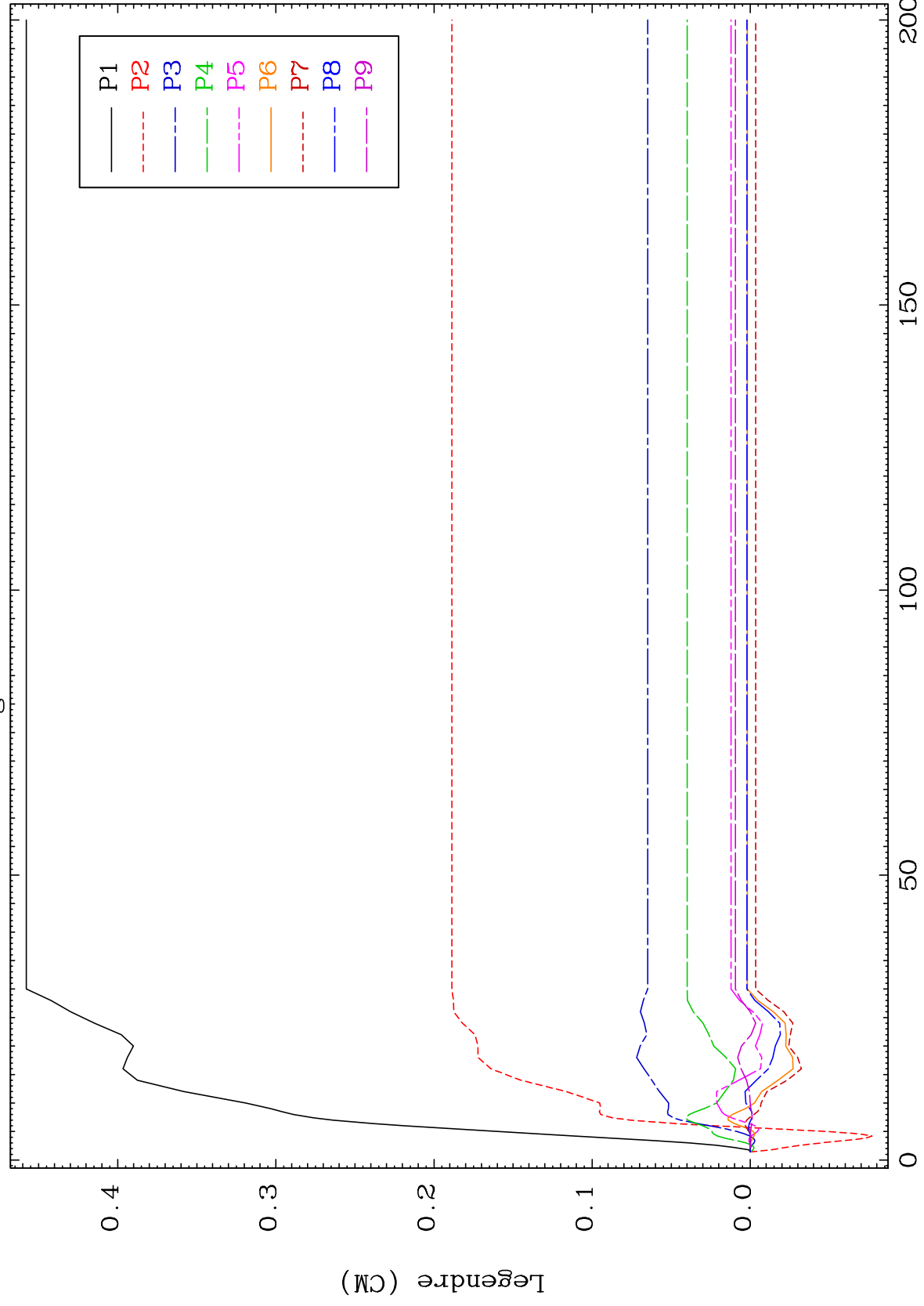
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

56-Ba-134



22

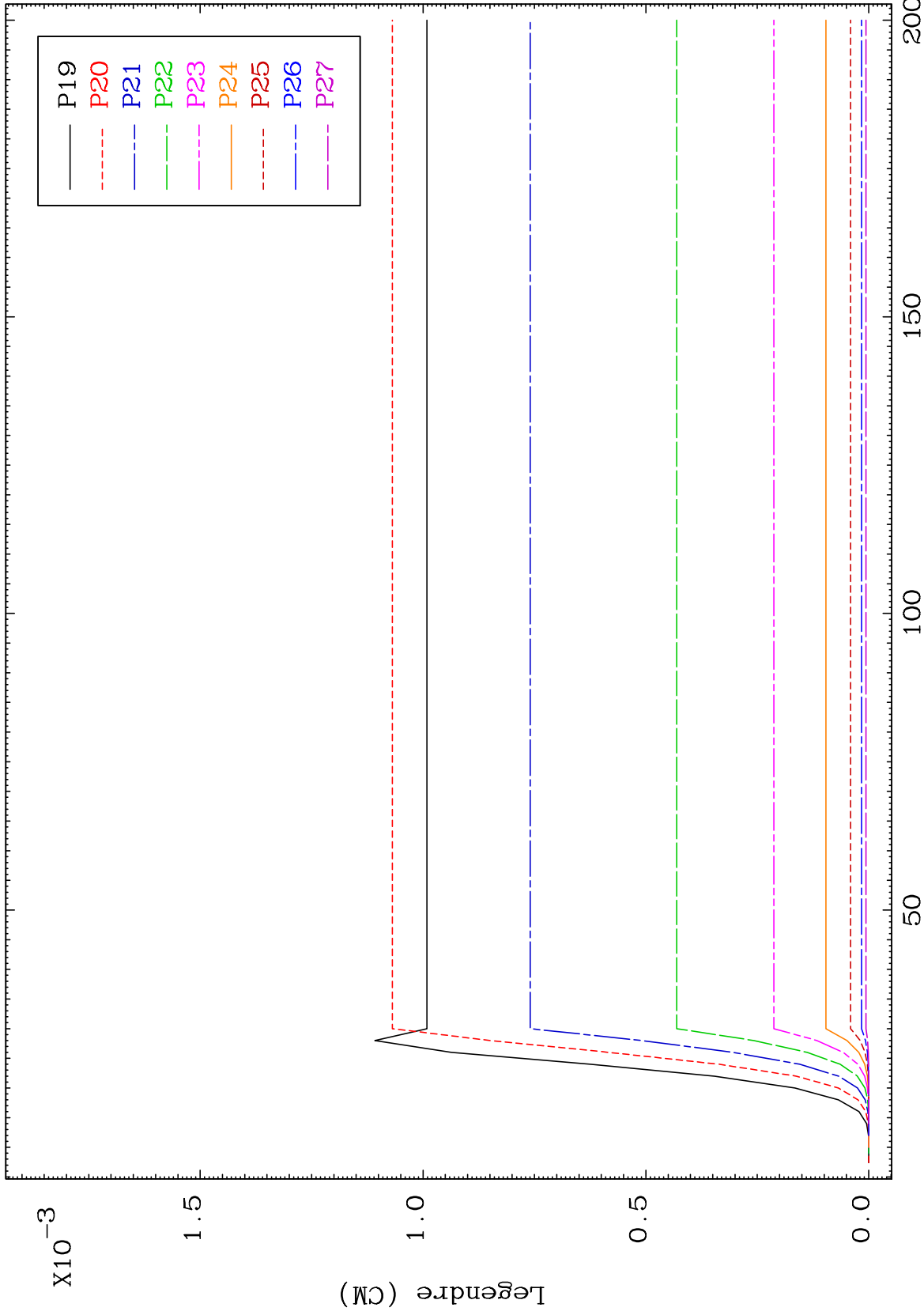
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

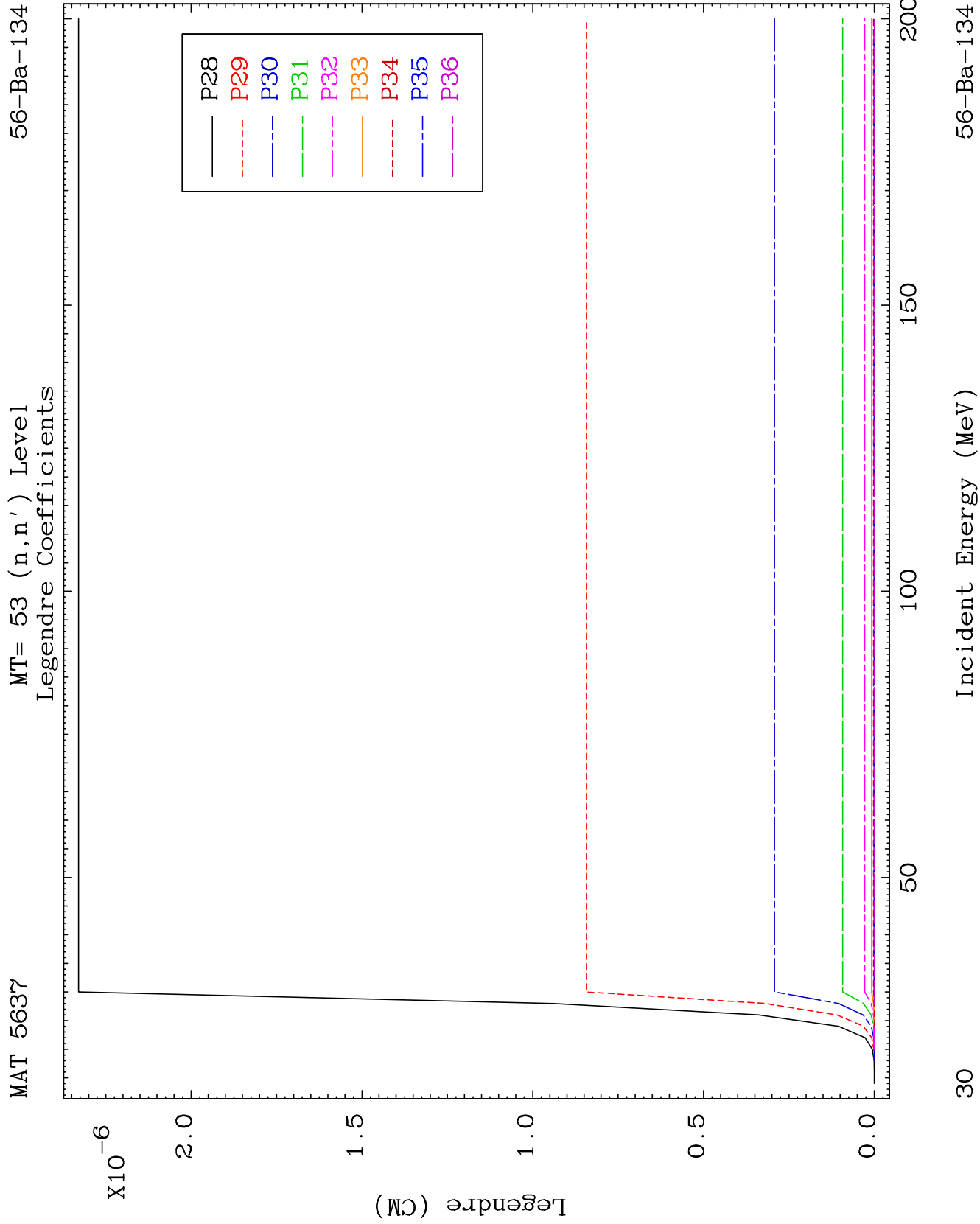
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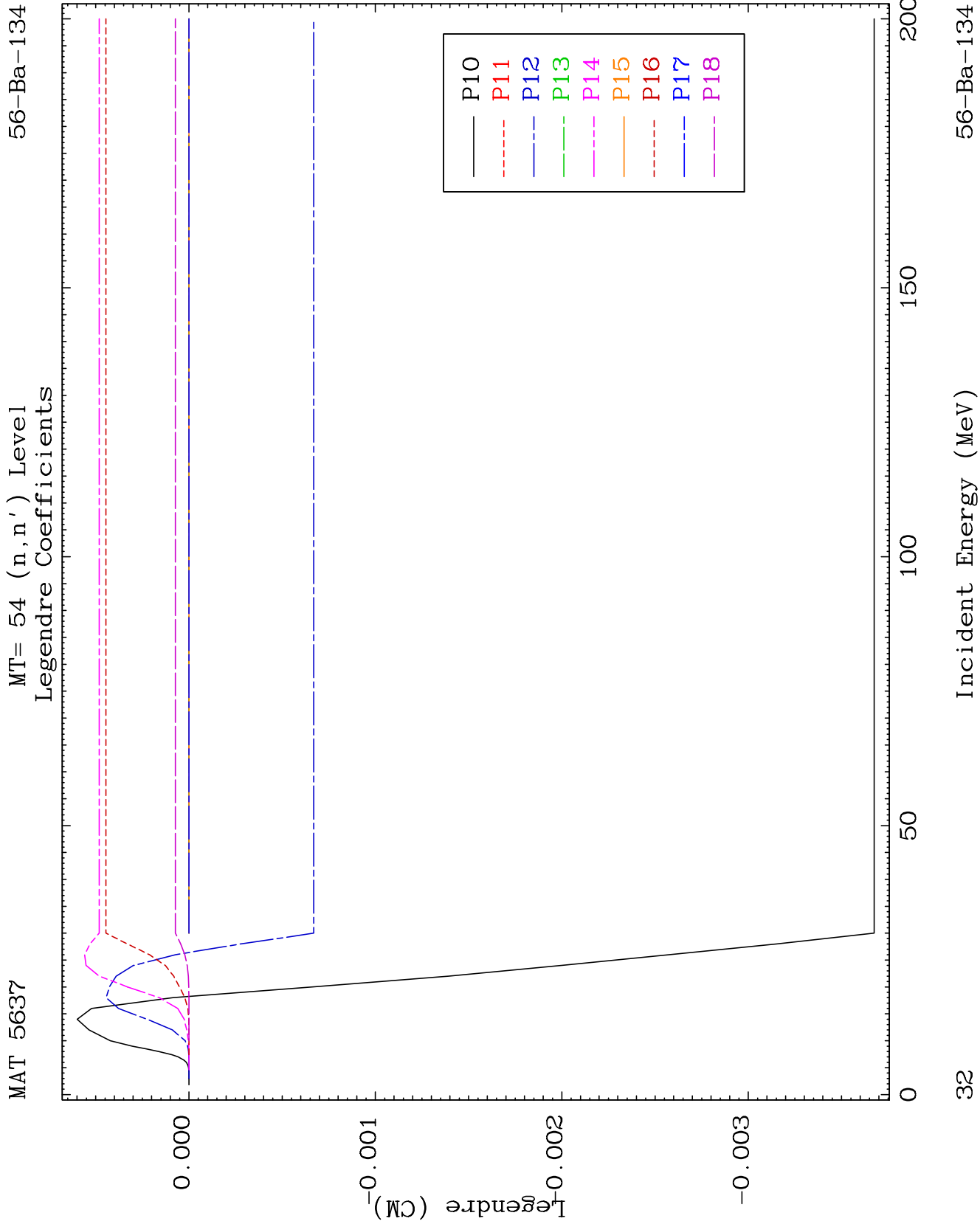


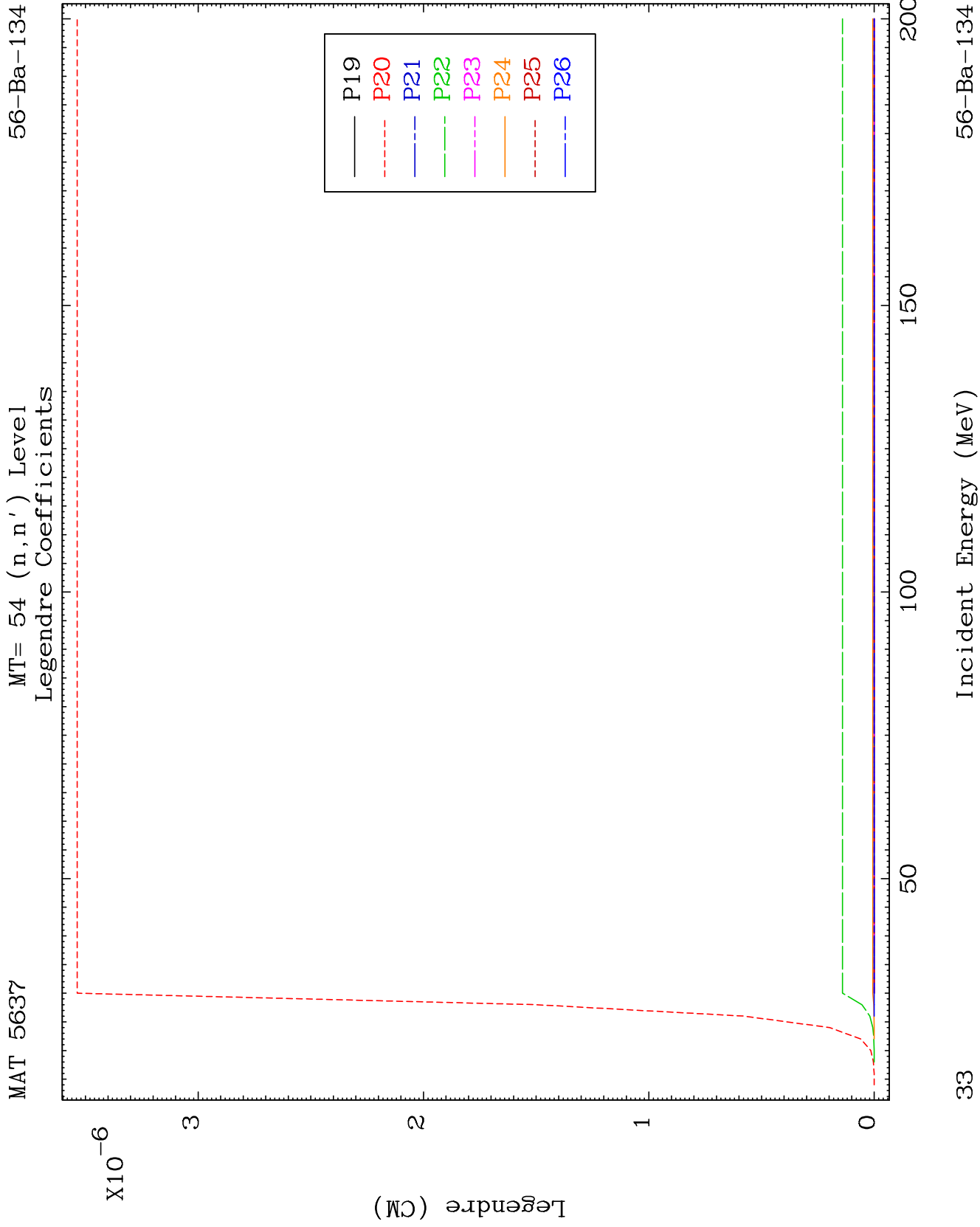
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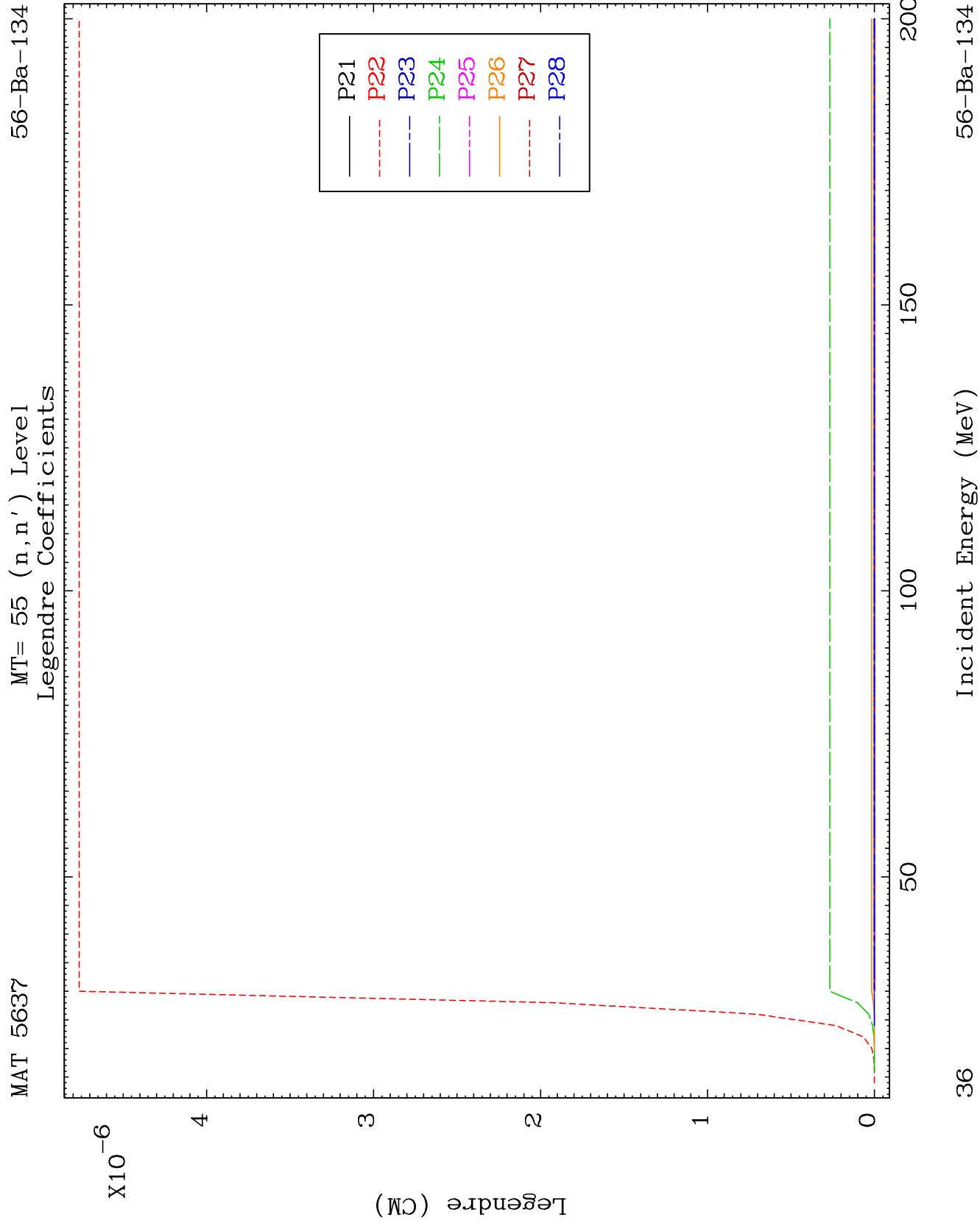
Incident Energy (MeV)

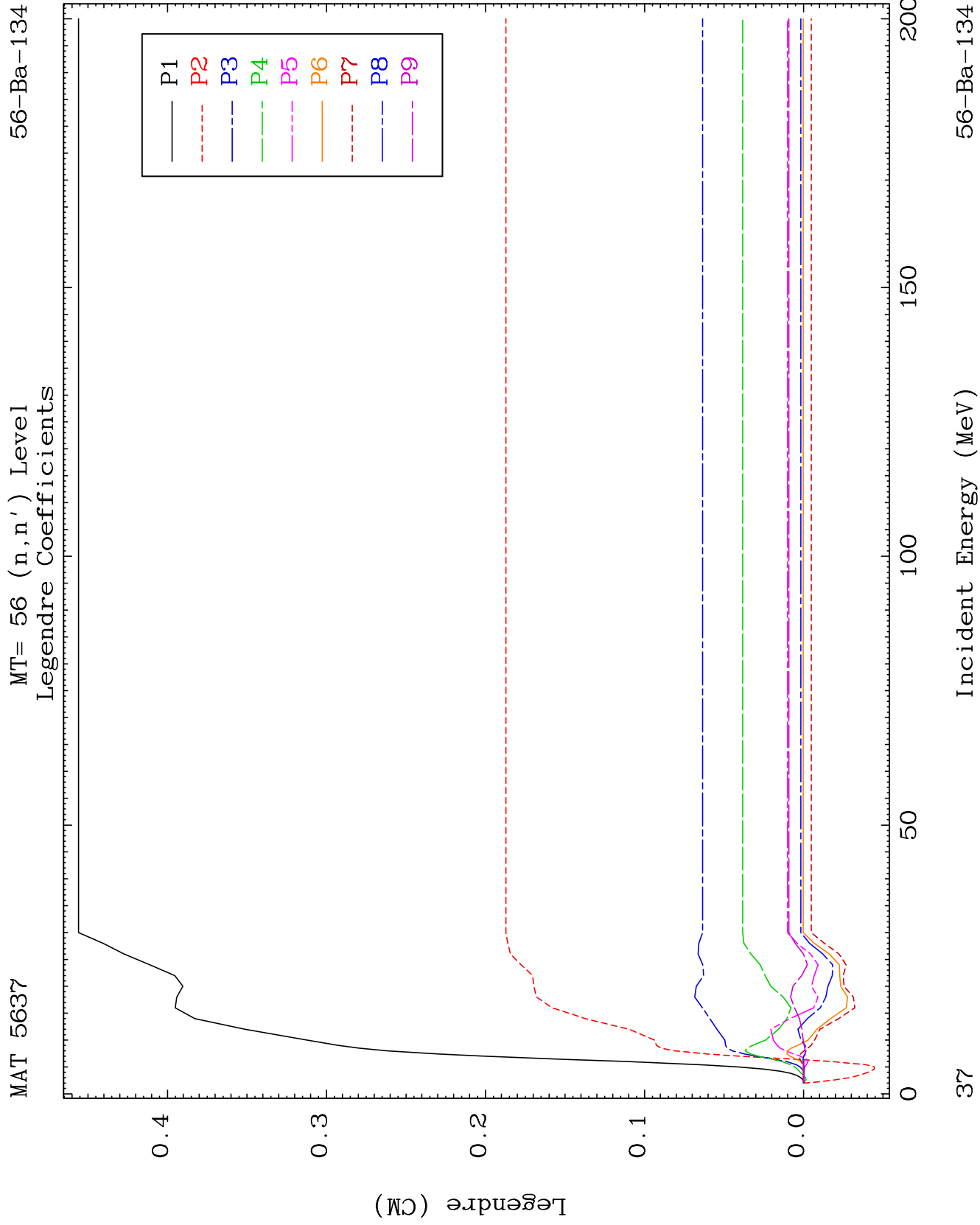
56-Ba-134







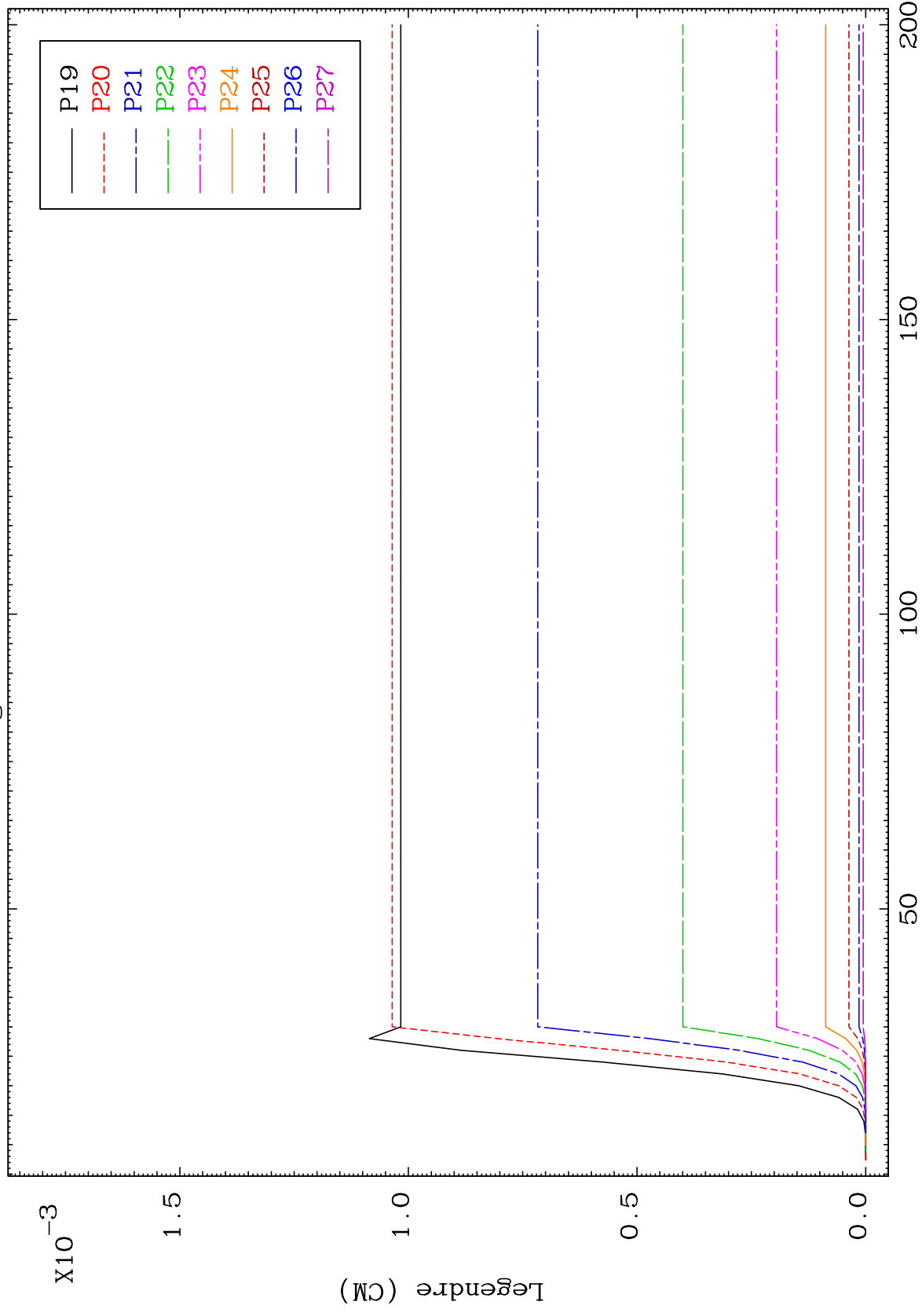




MAT 5637

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

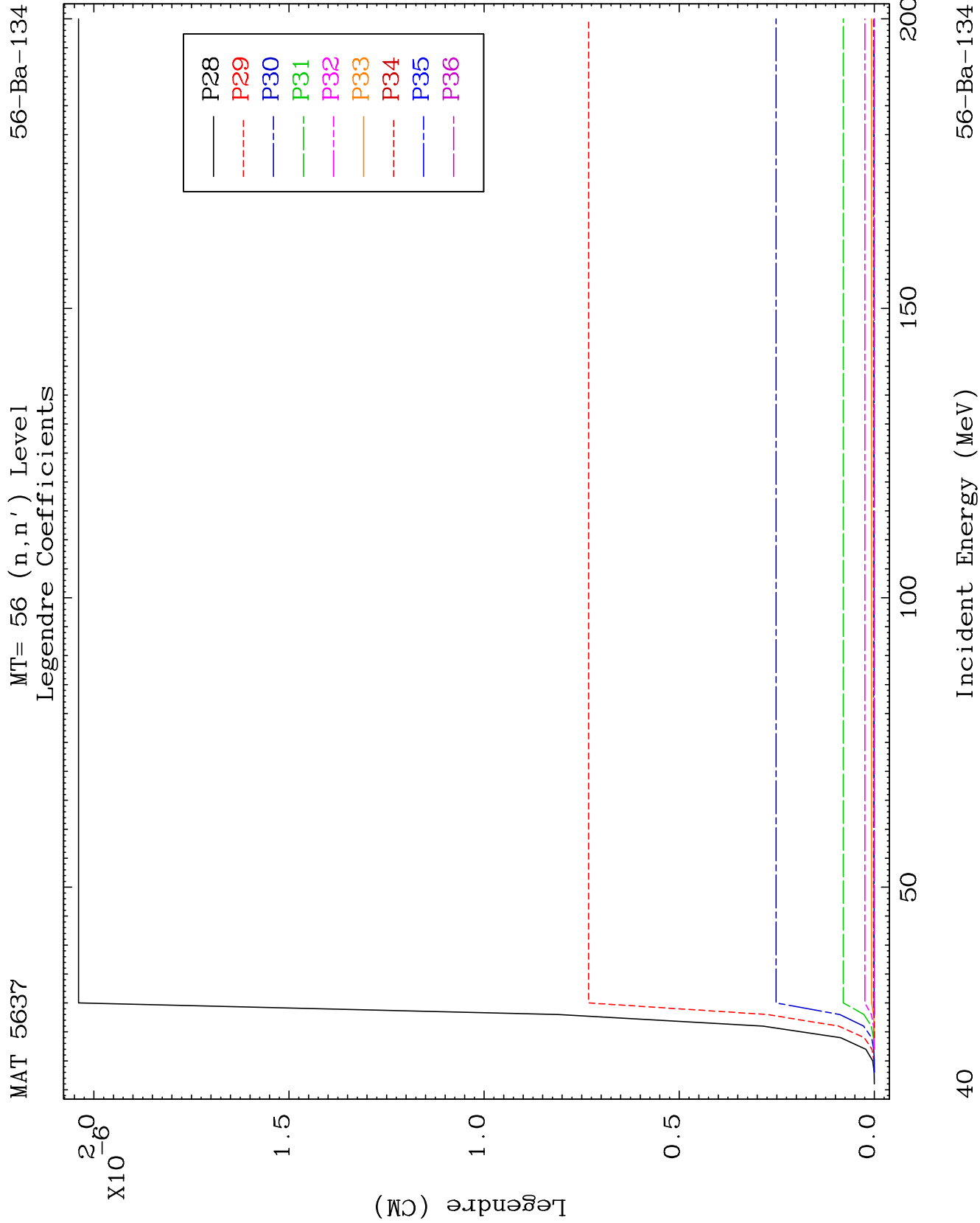
56-Ba-134



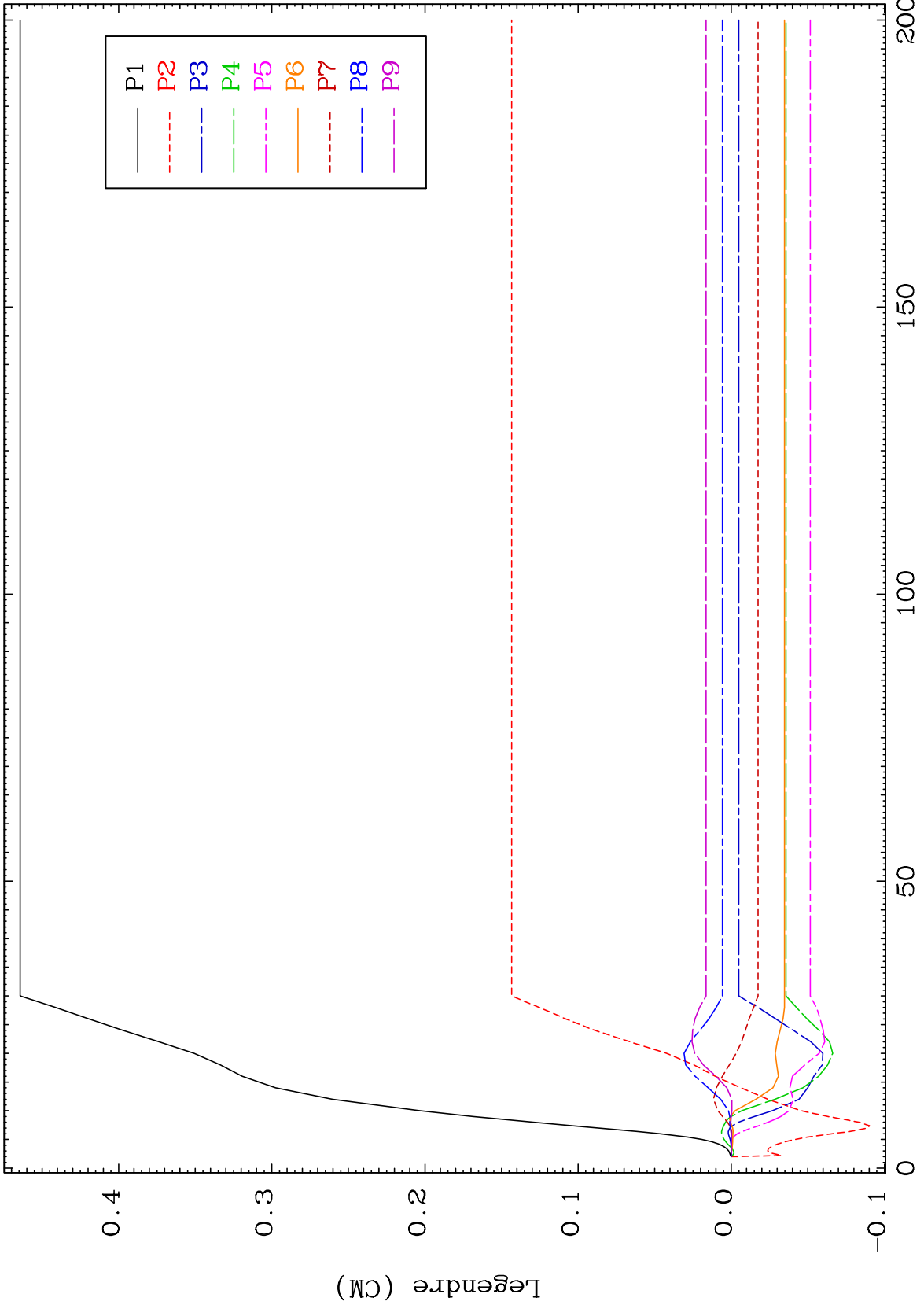
39

Incident Energy (MeV)

56-Ba-134



MAT 5637 MT= 57 (n,n') Level Legendre Coefficients 56-Ba-134

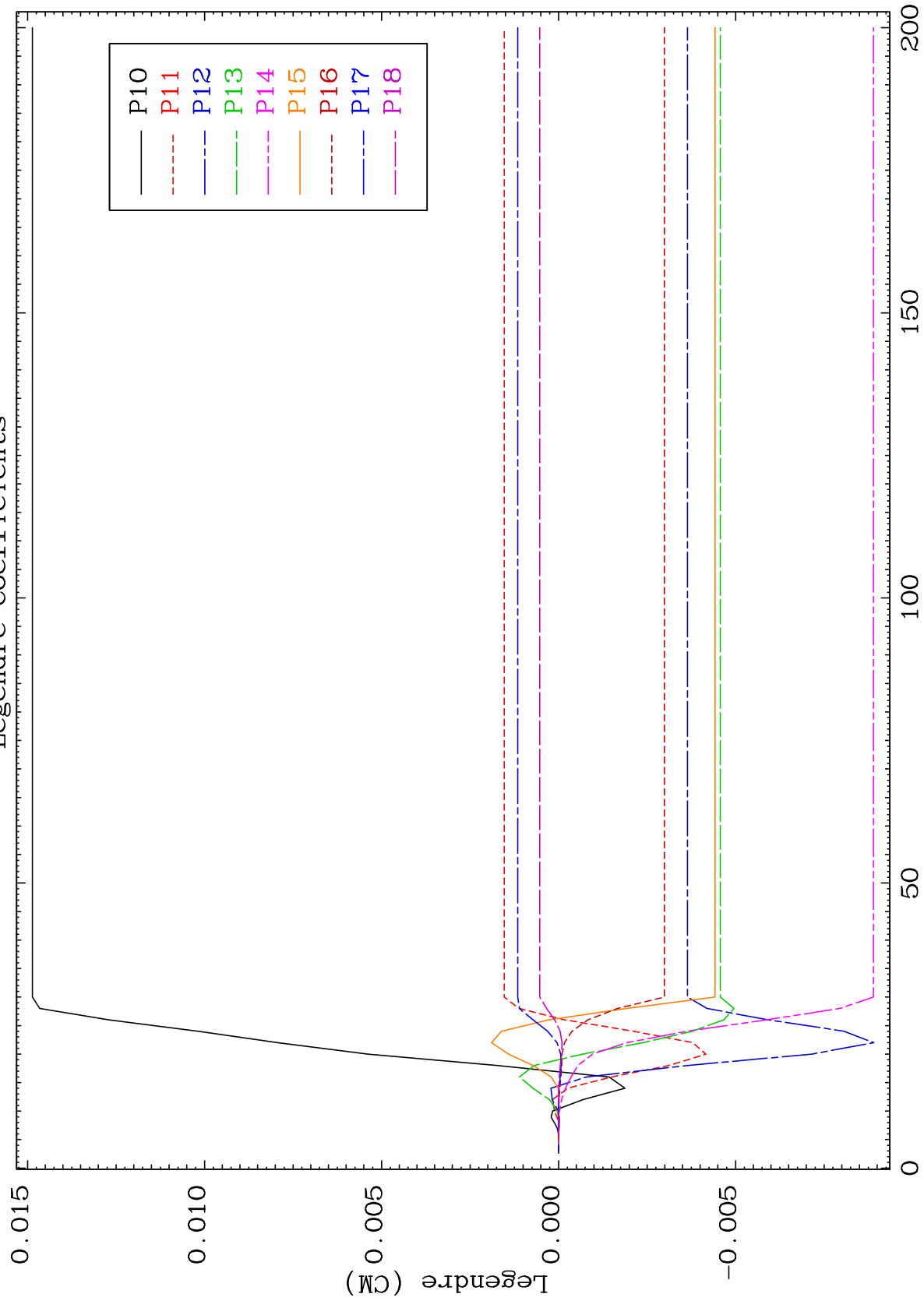


41 56-Ba-134

MAT 5637

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

56-Ba-134



42

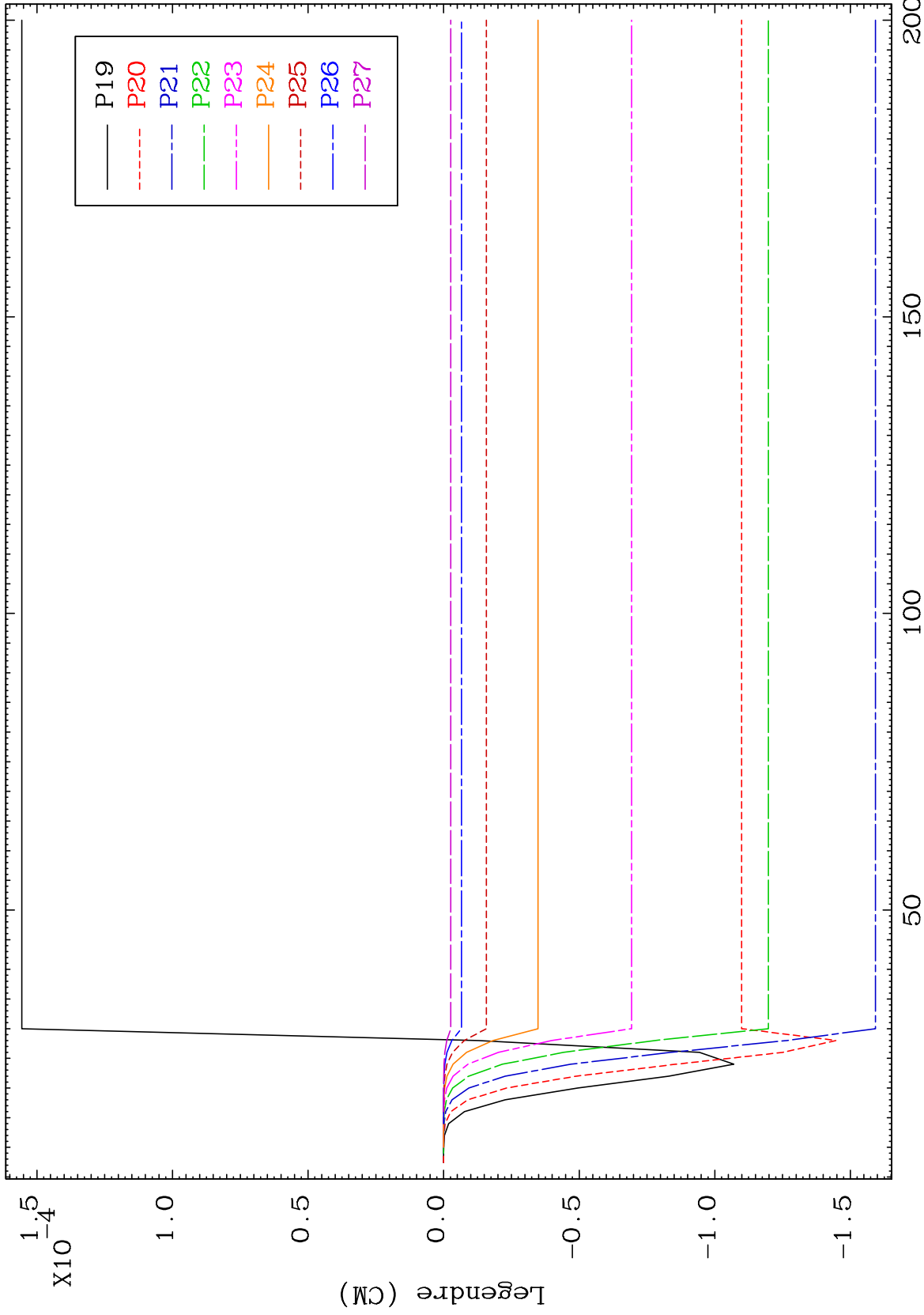
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

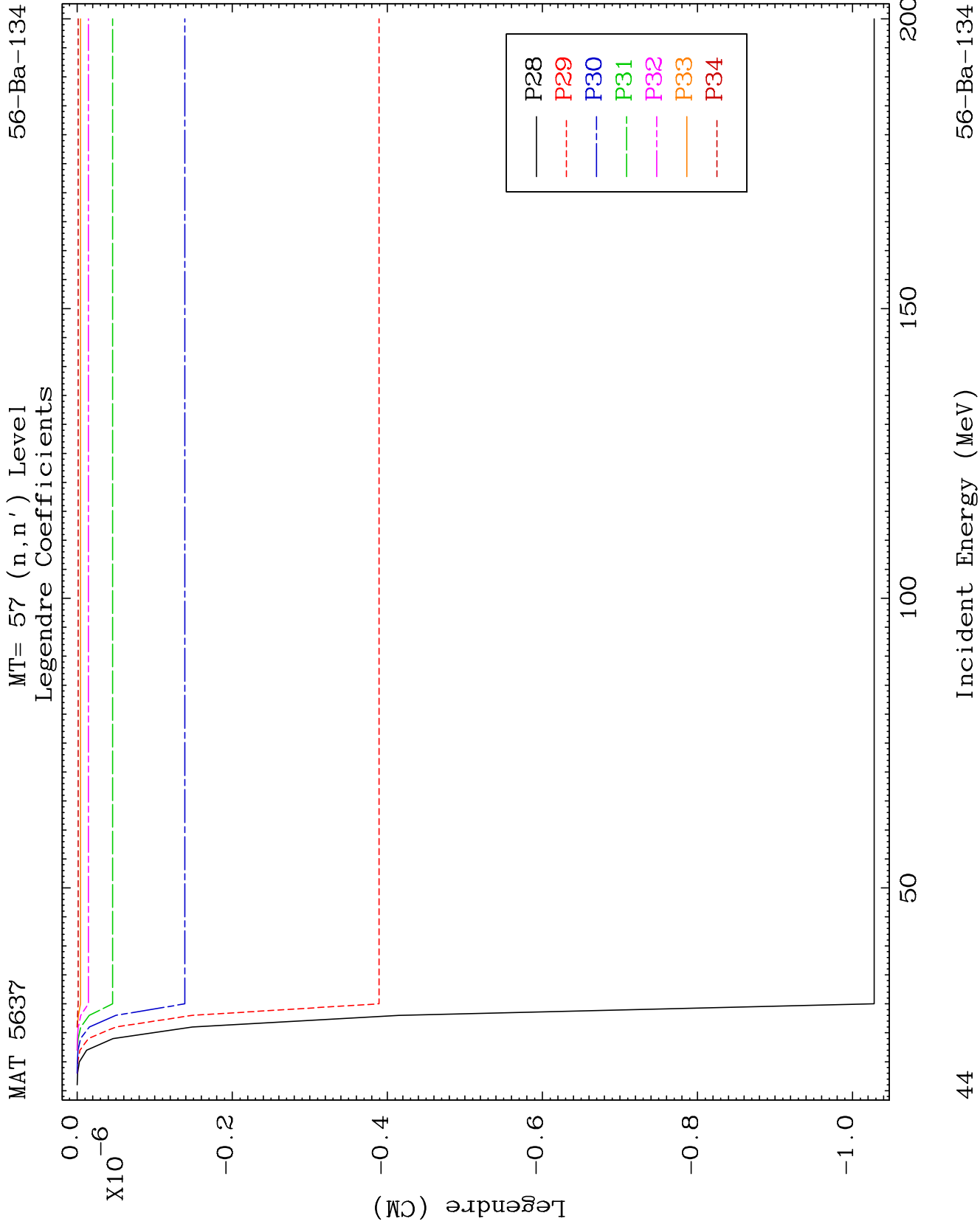
56-Ba-134



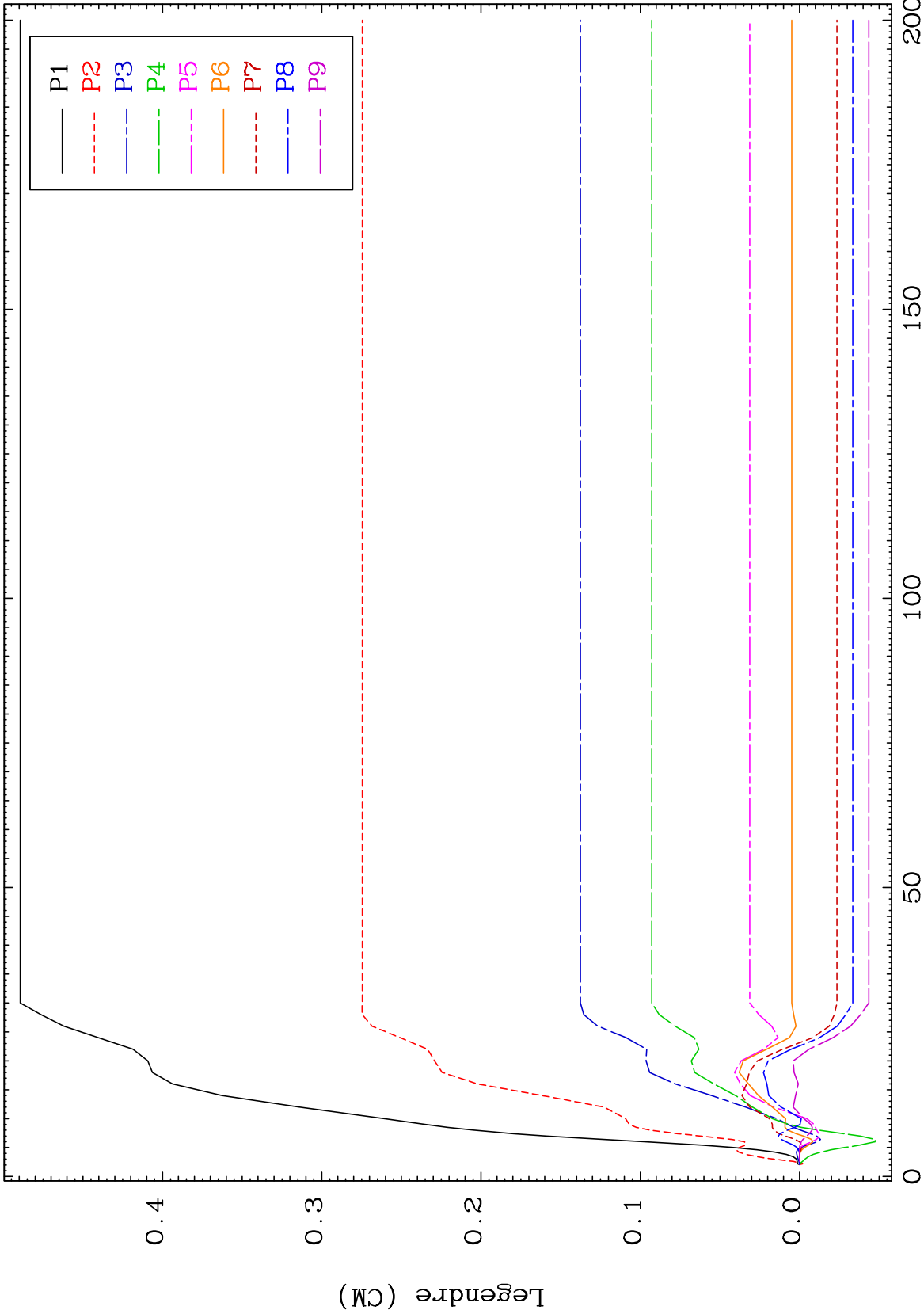
43

Incident Energy (MeV)

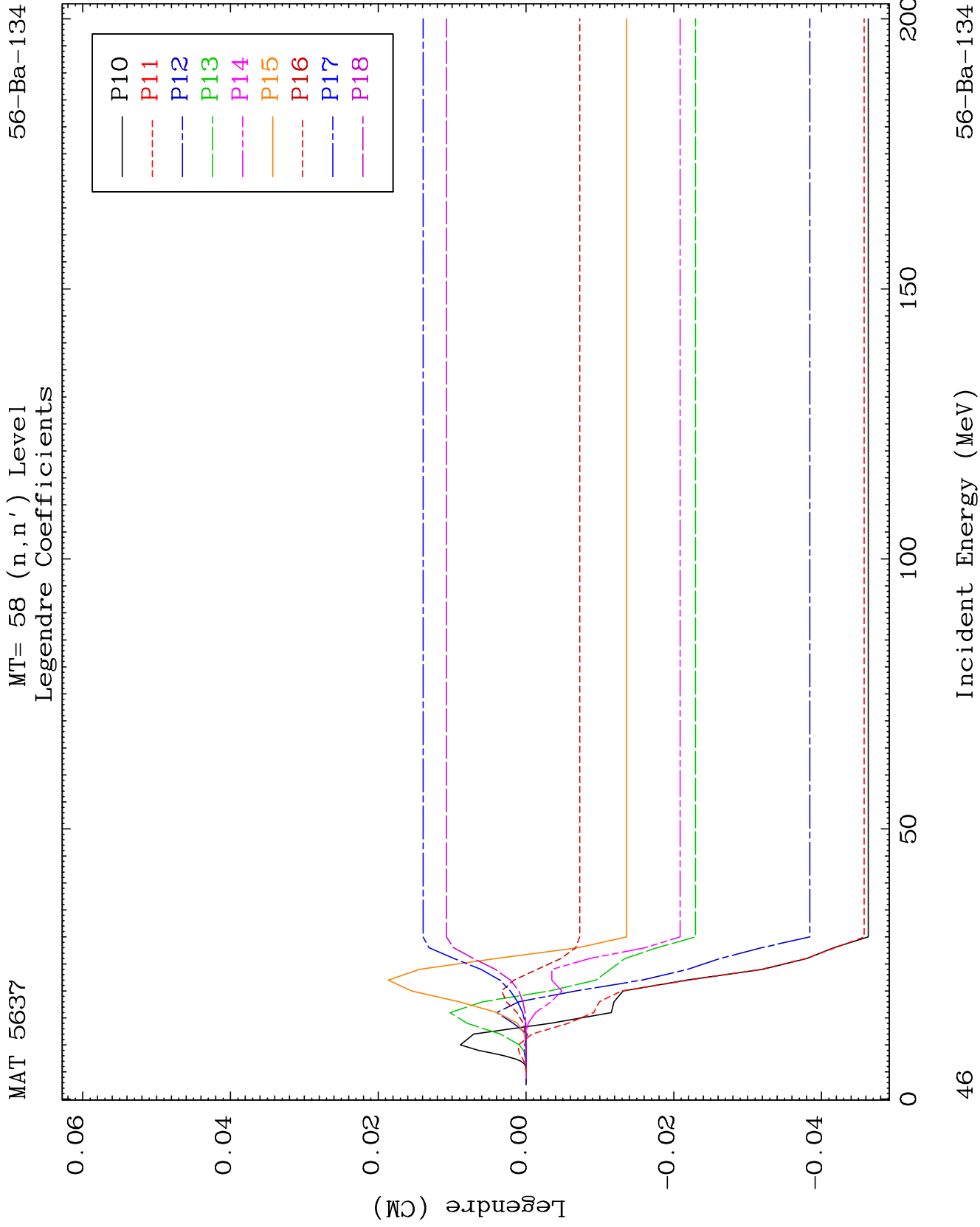
56-Ba-134

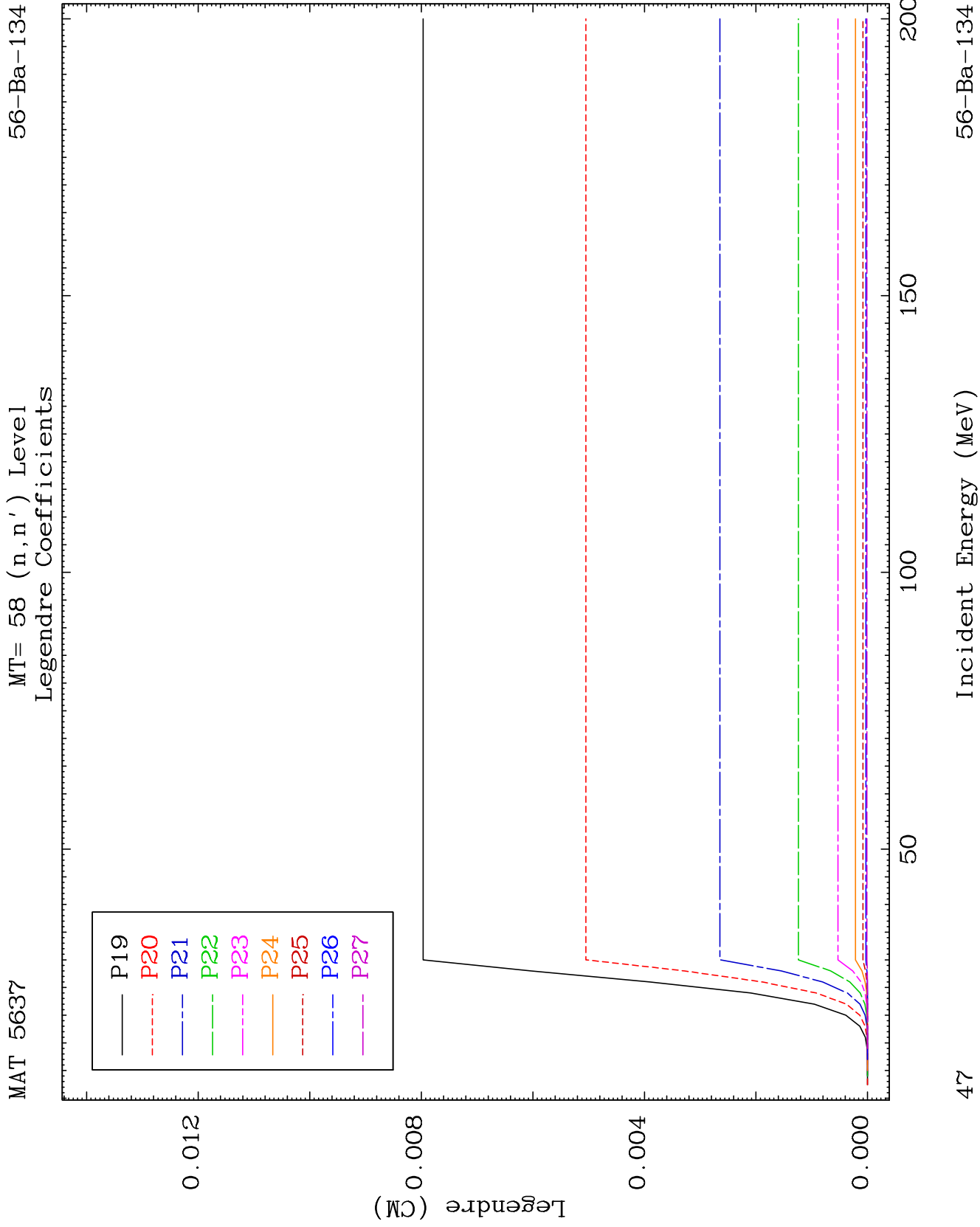


MAT 5637 MT= 58 (n,n') Level Legendre Coefficients 56-Ba-134

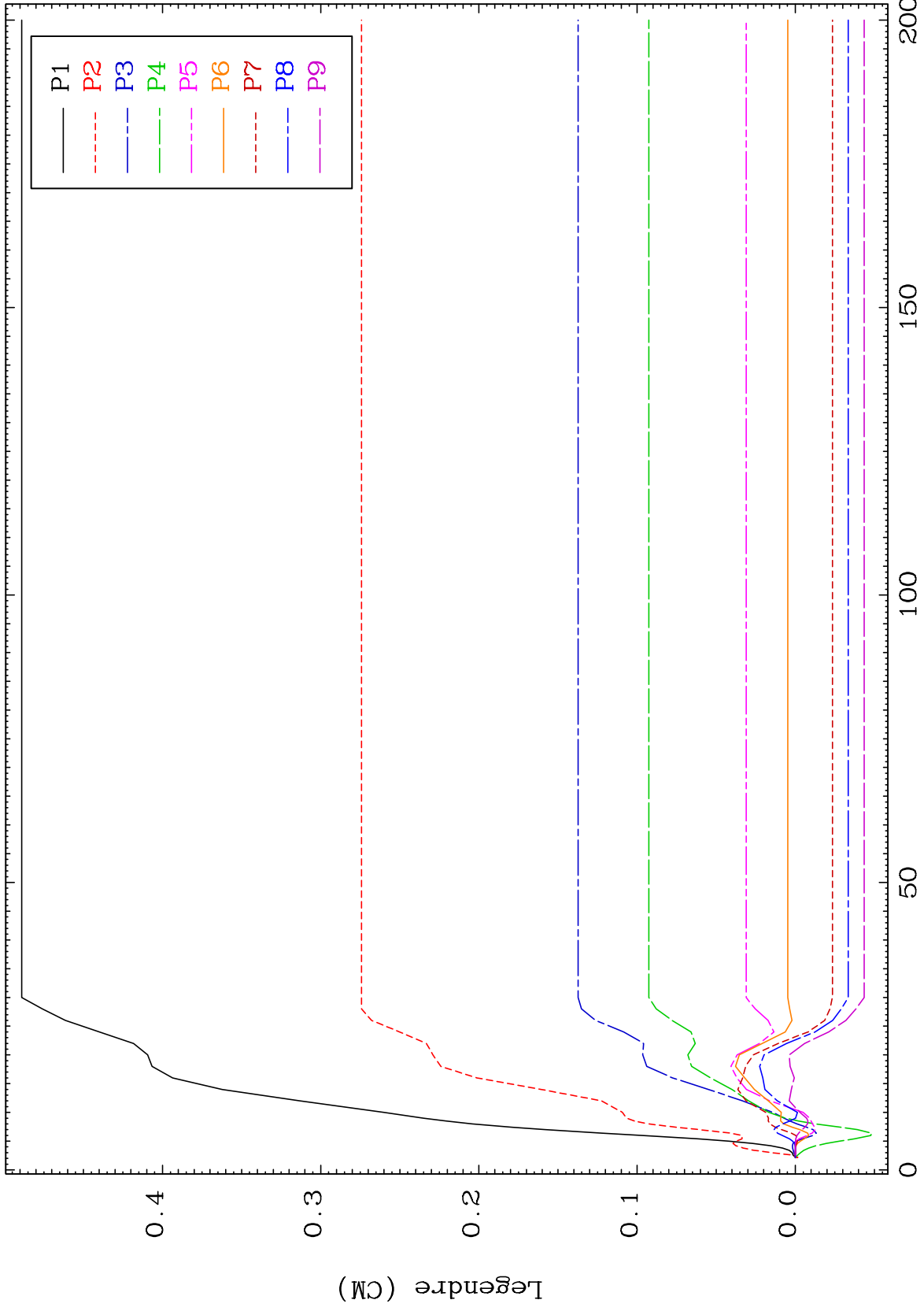


45 Incident Energy (MeV) 56-Ba-134

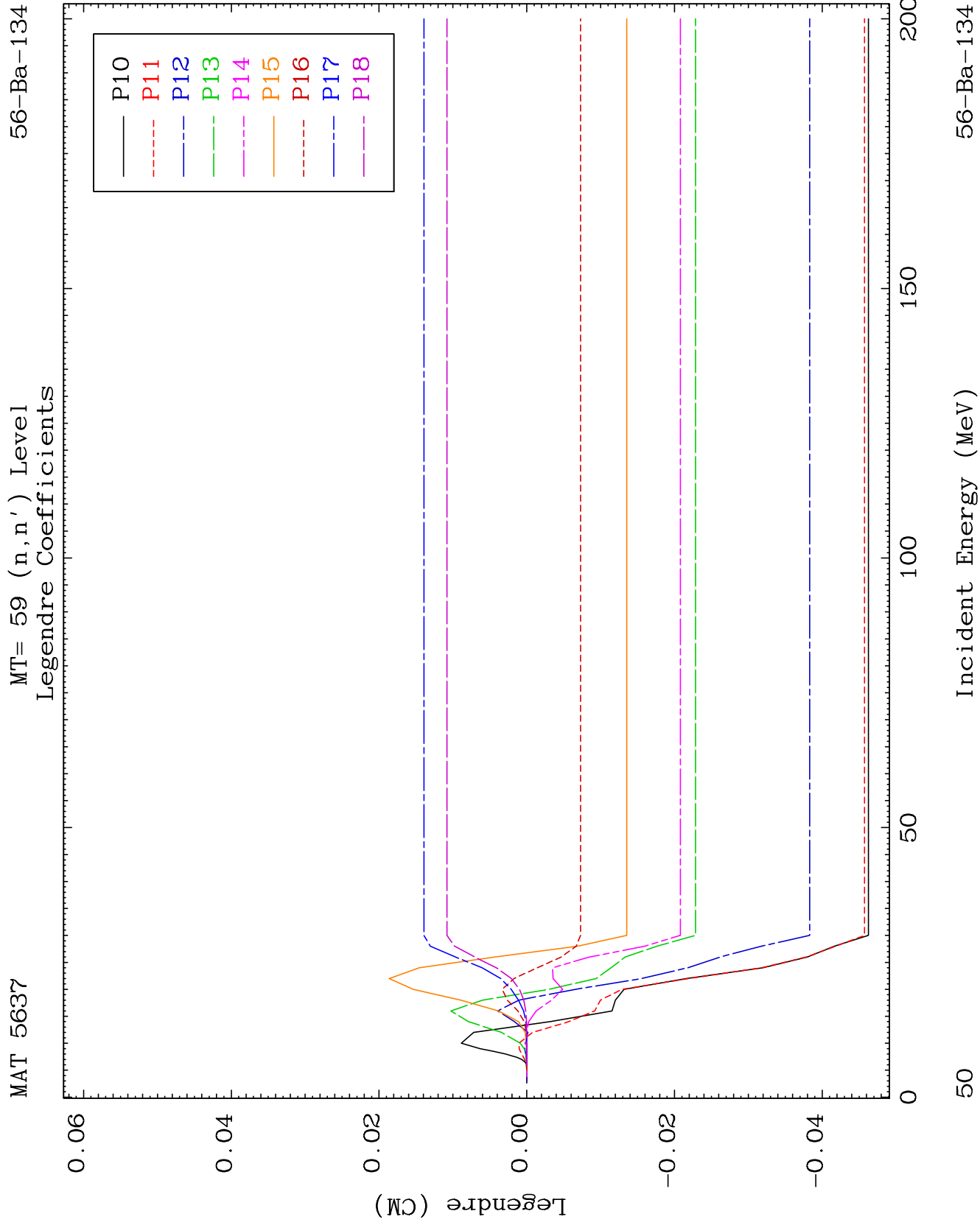




MAT 5637 MT= 59 (n,n') Level Legendre Coefficients 56-Ba-134



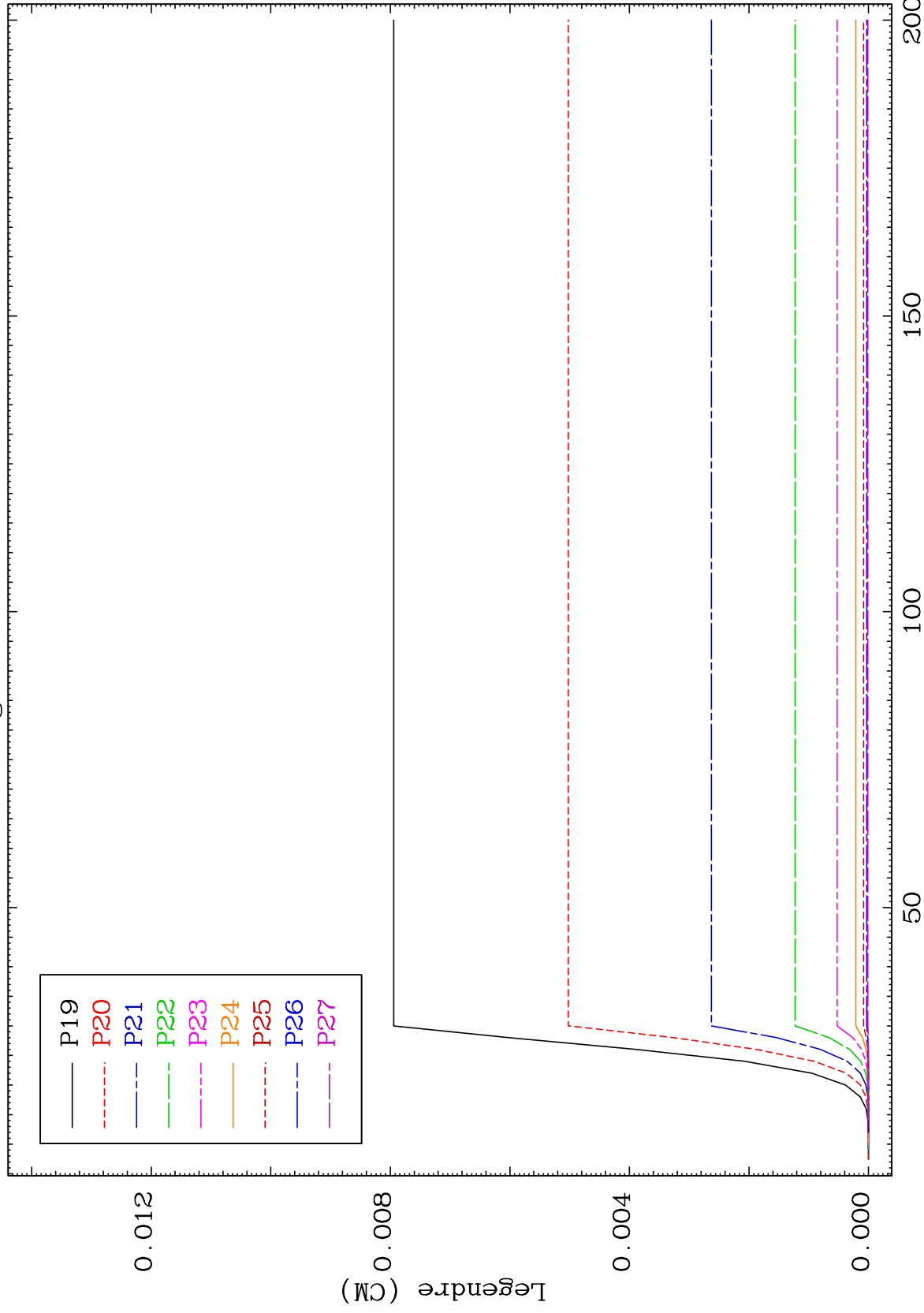
49 56-Ba-134



MAT 5637

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

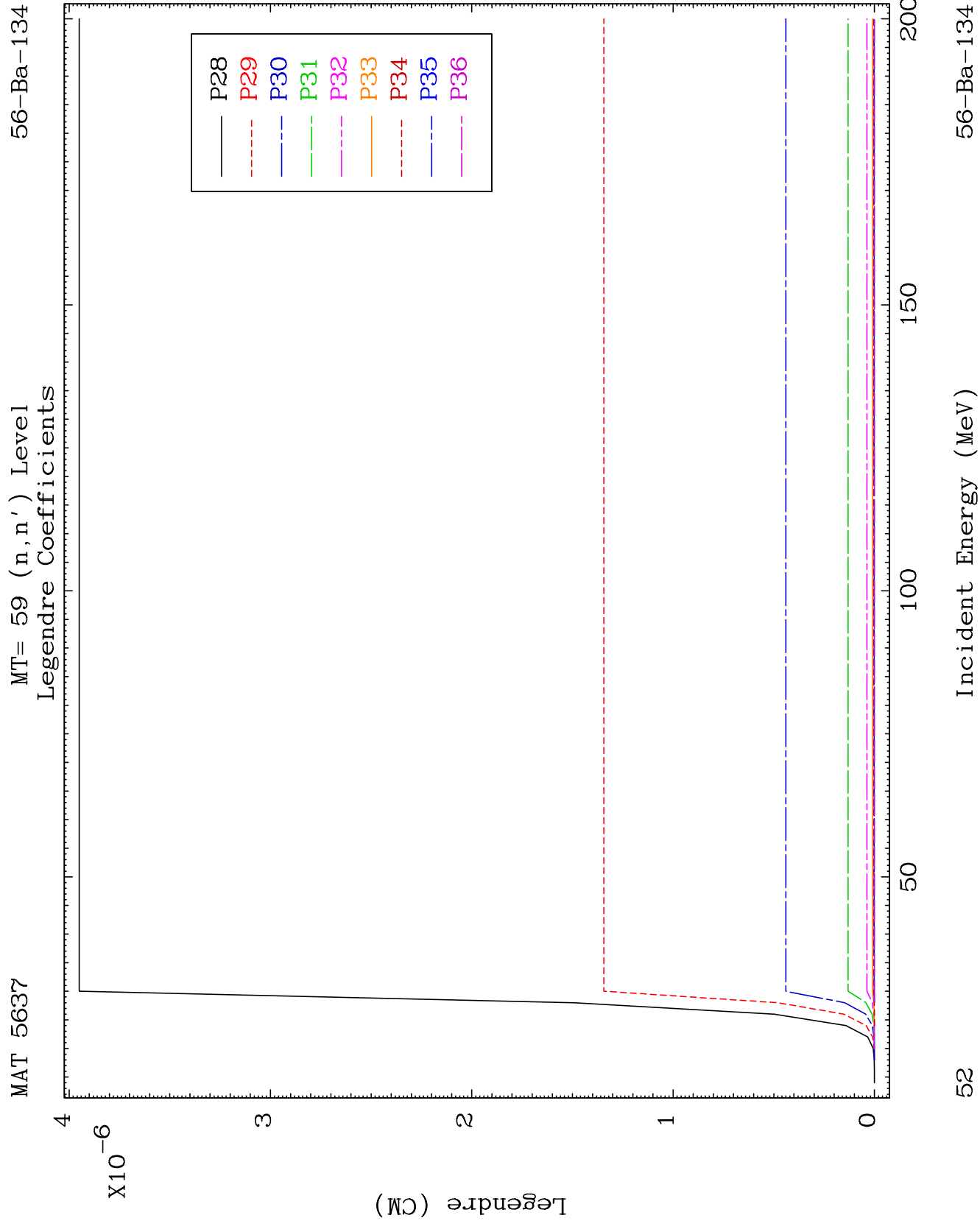
56-Ba-134

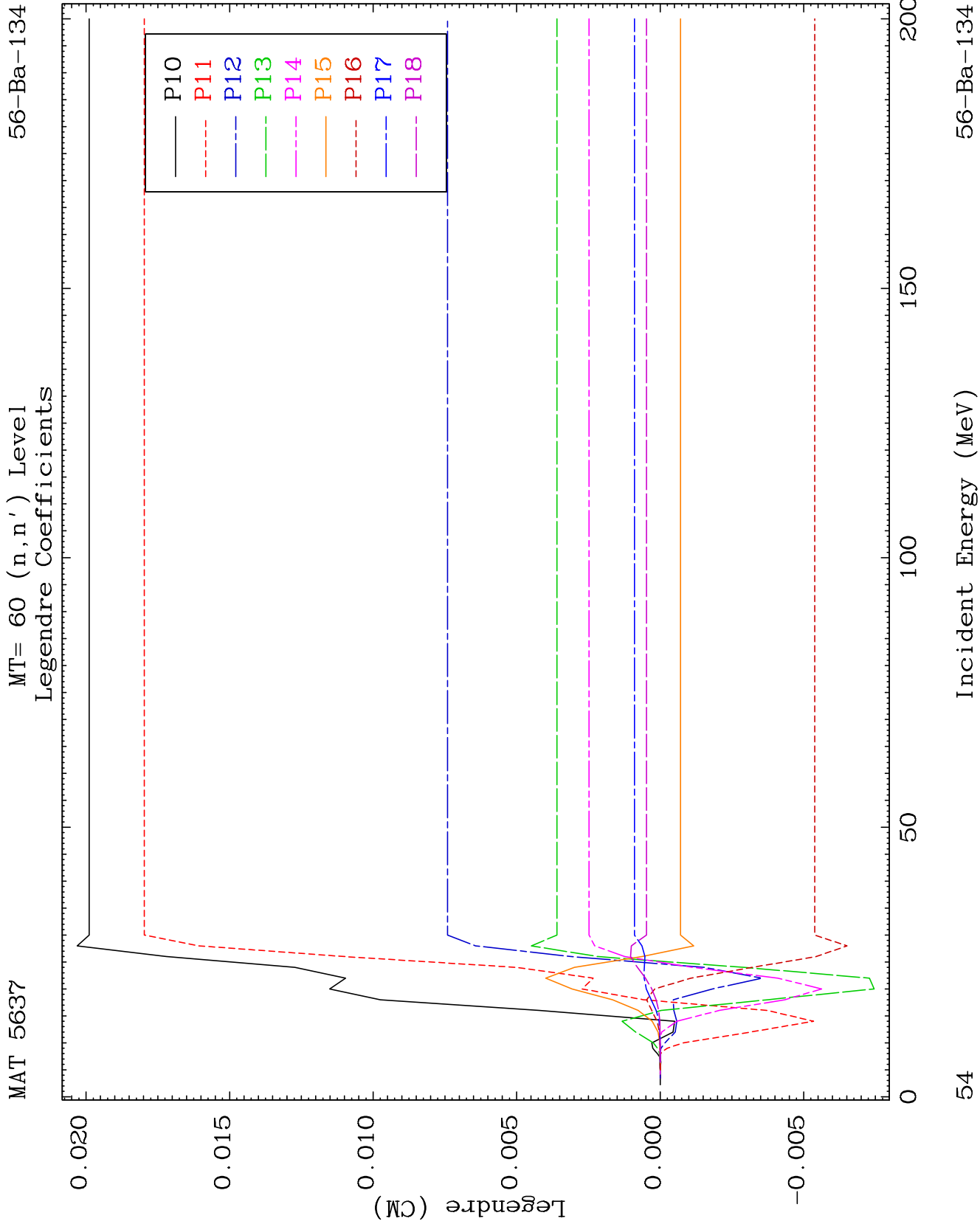


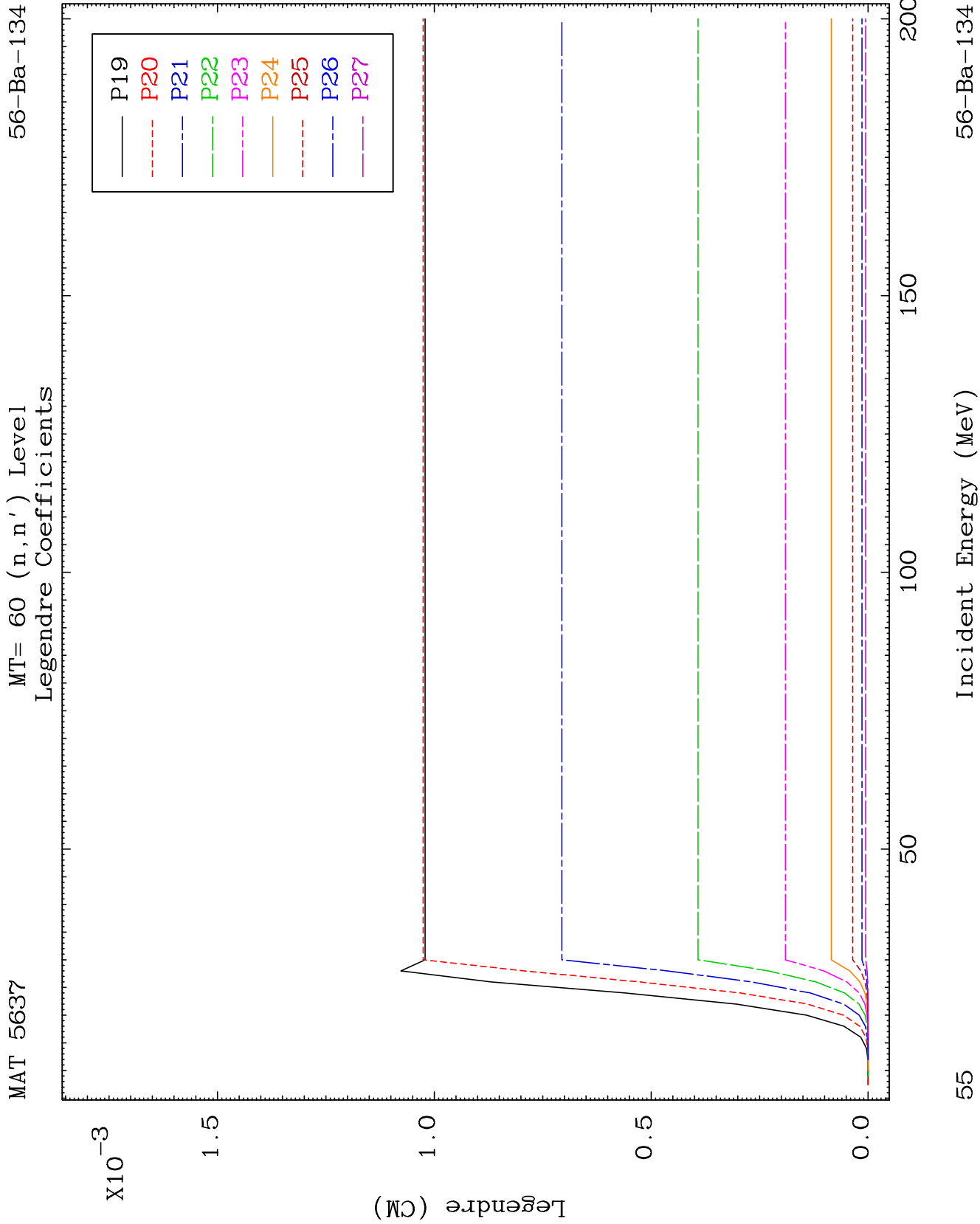
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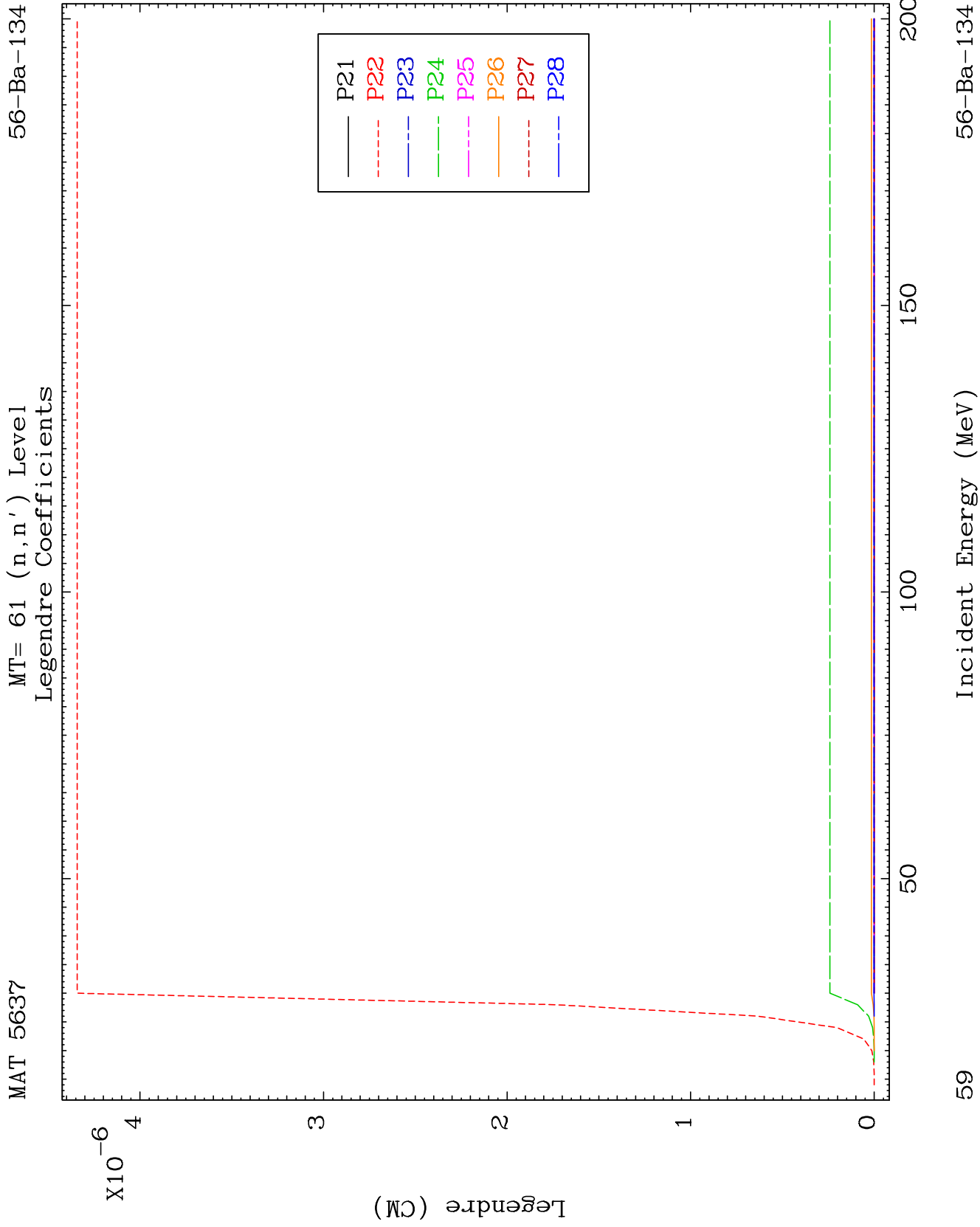
Incident Energy (MeV)

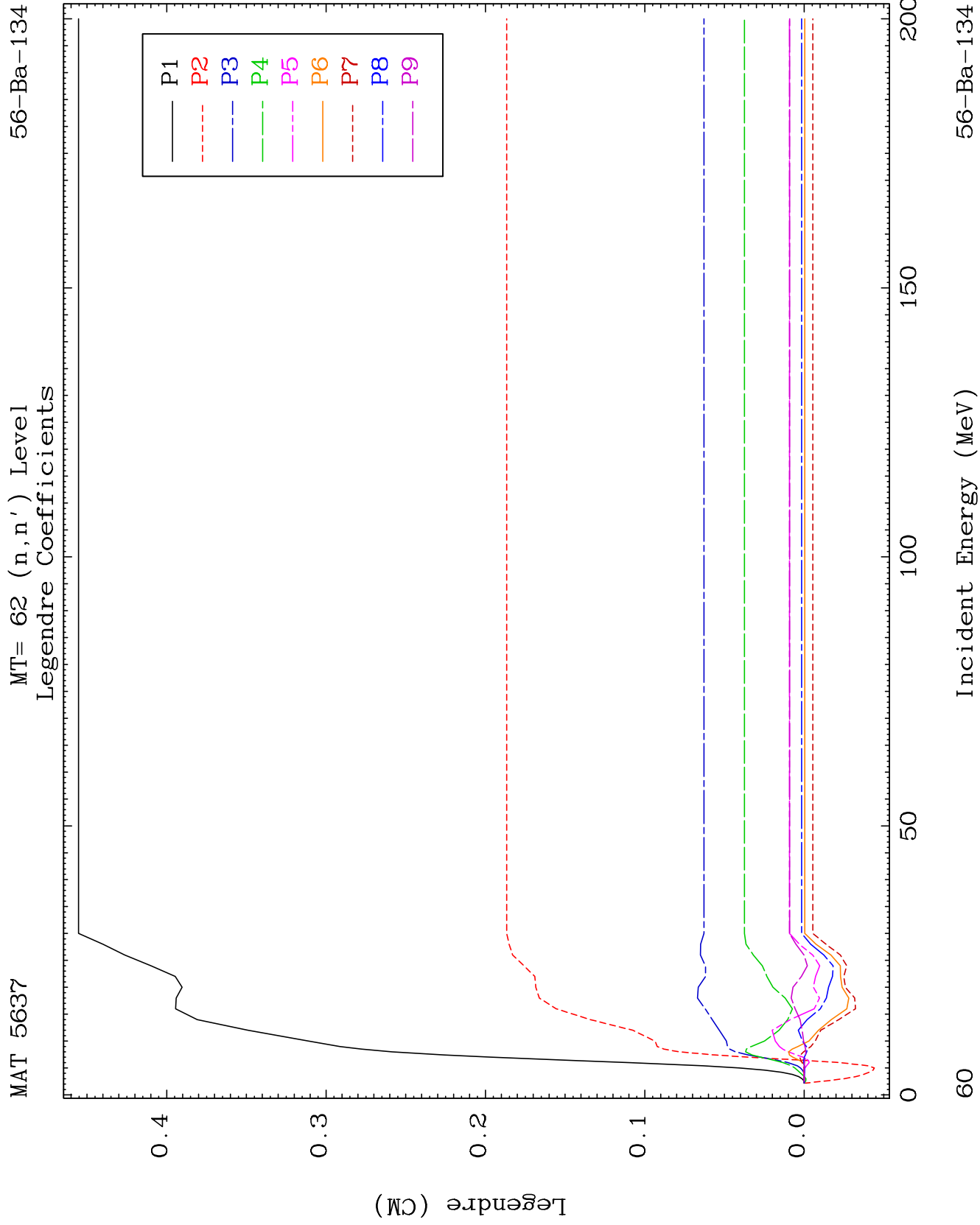
56-Ba-134

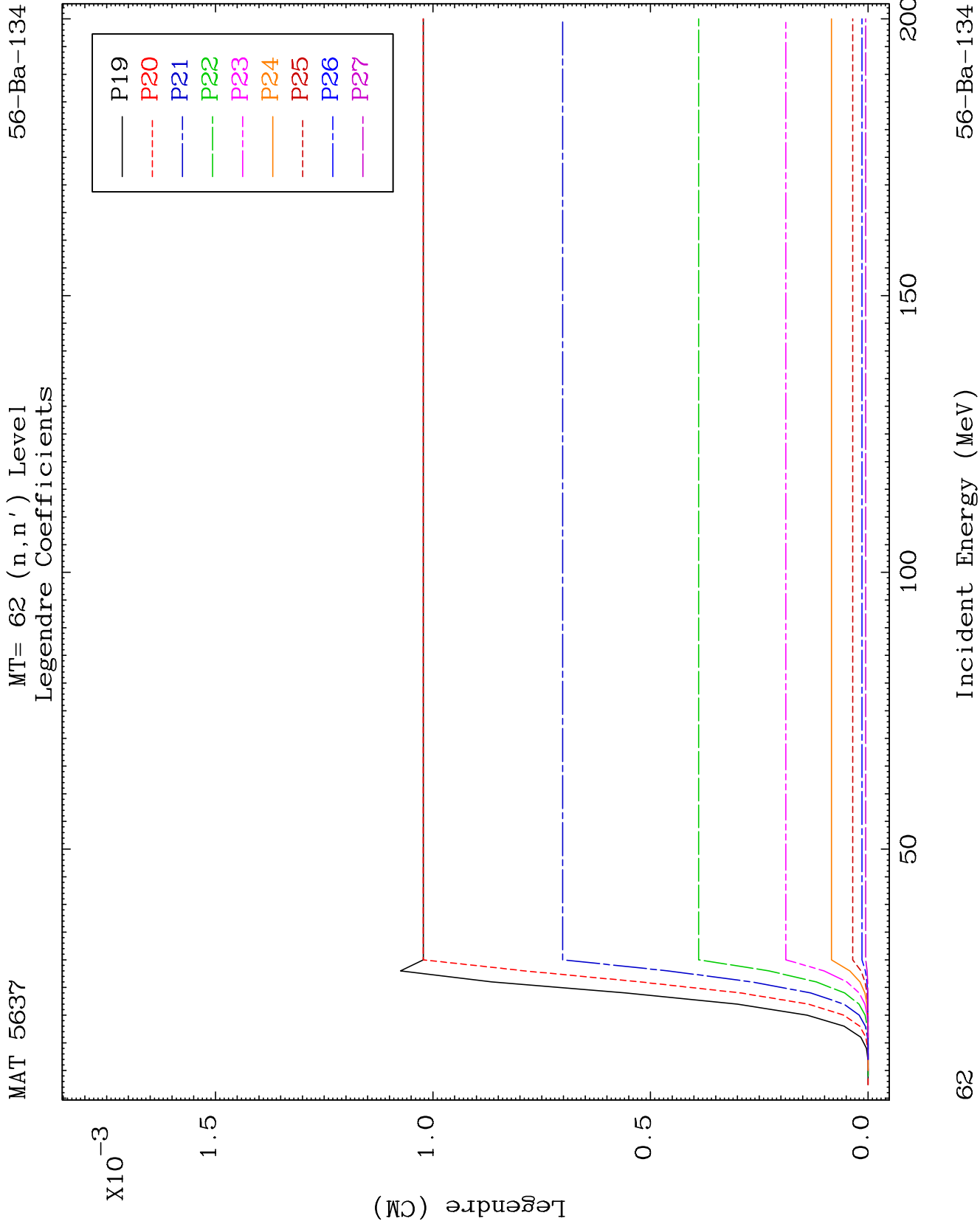


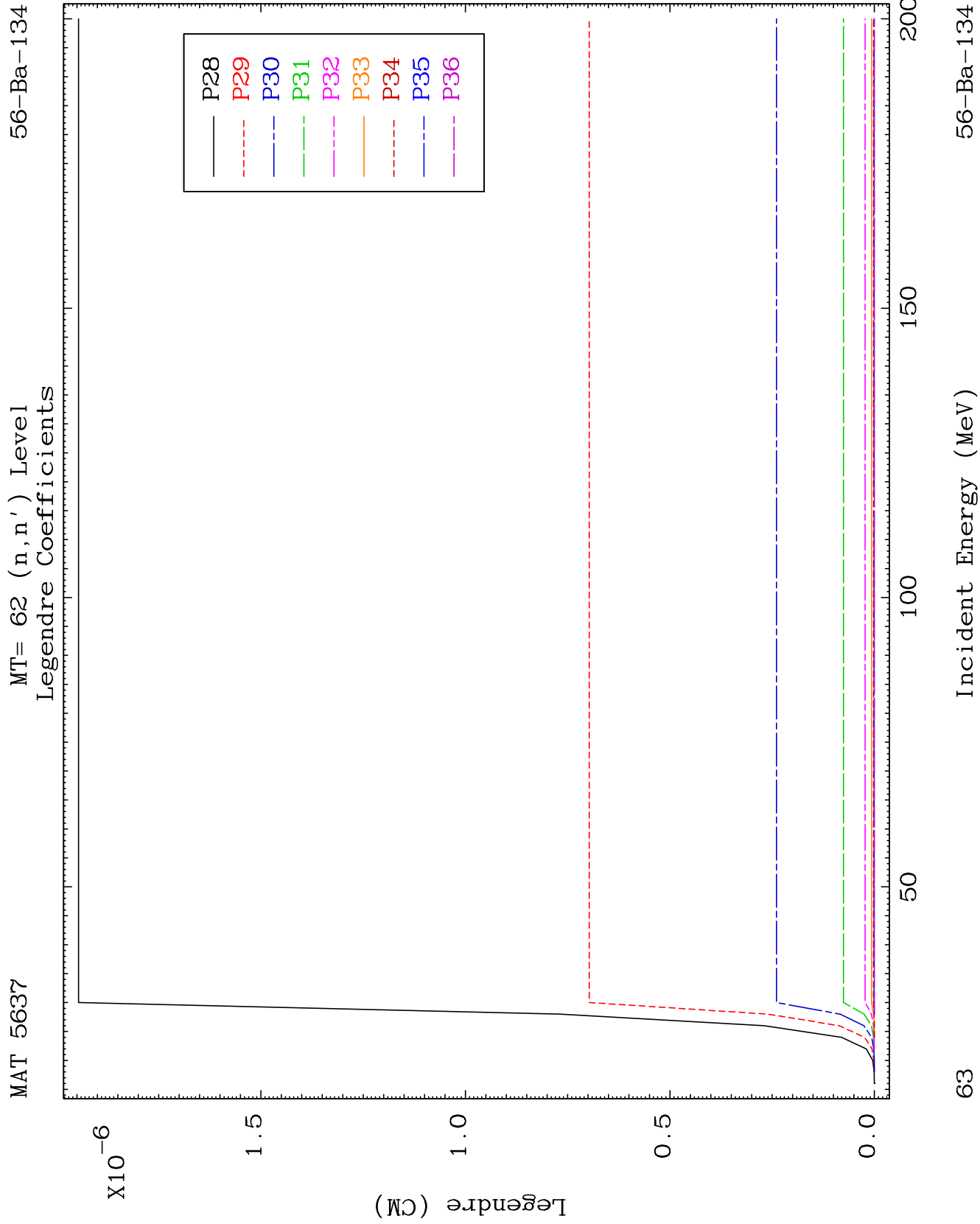




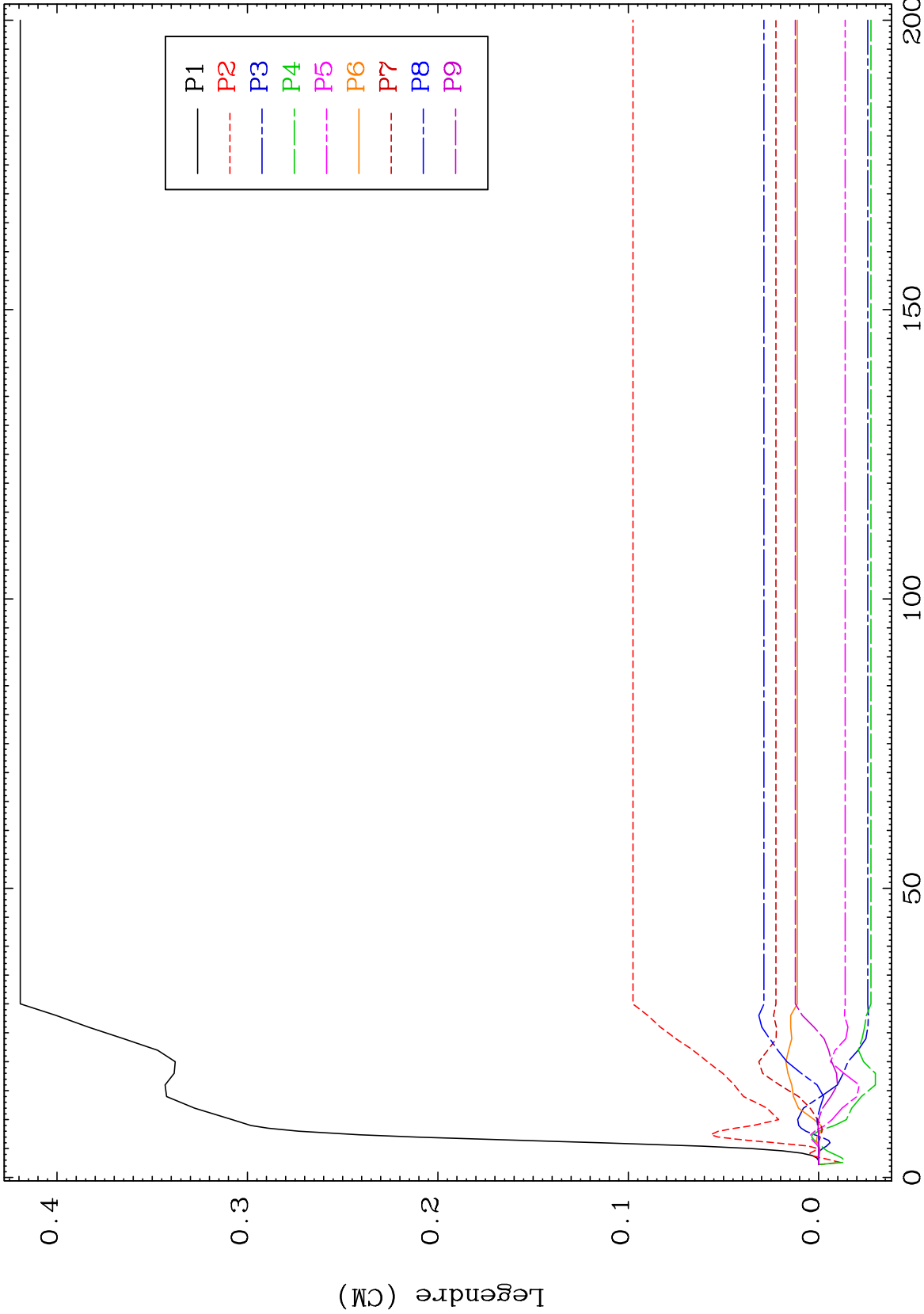








MAT 5637 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-134

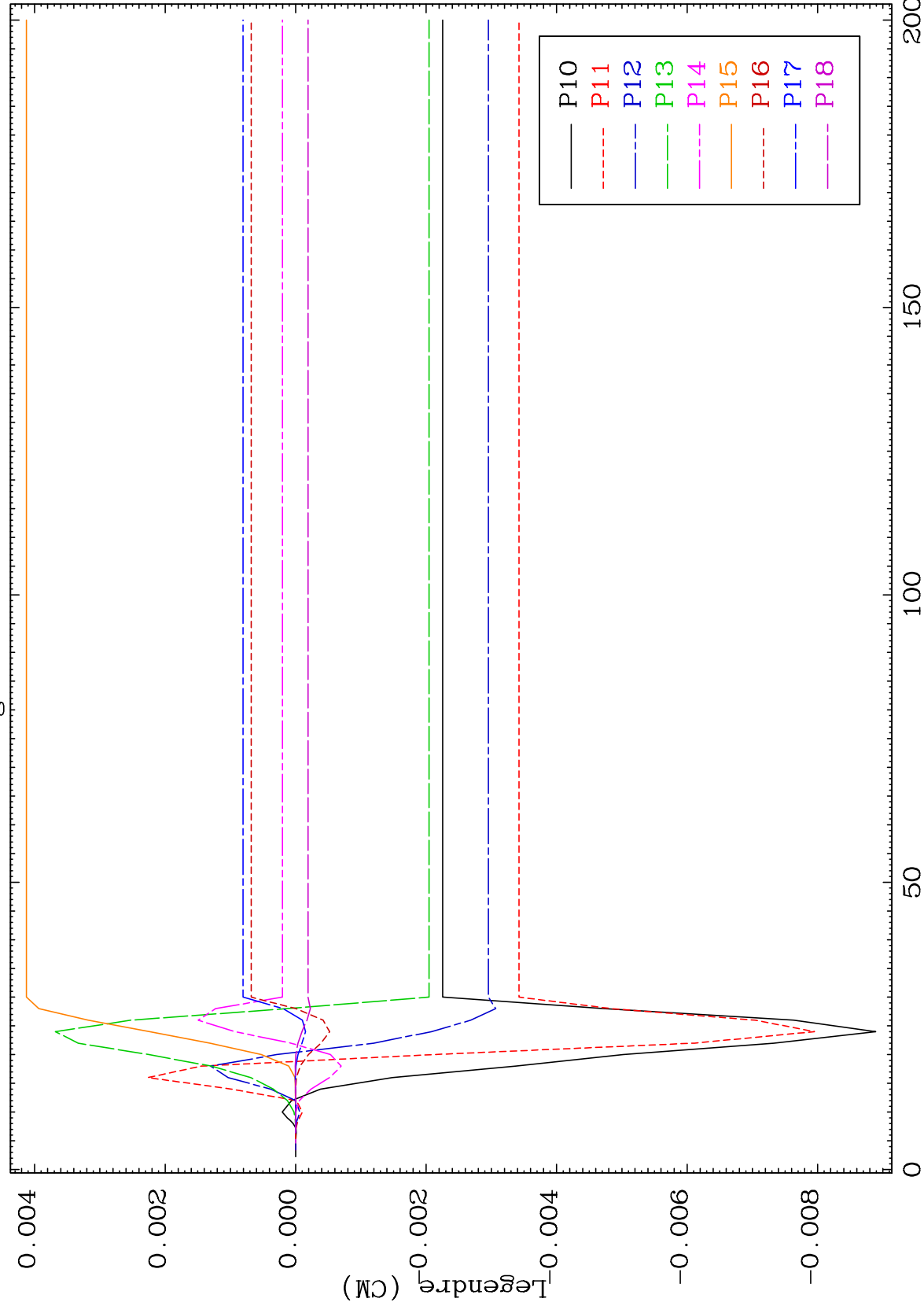


64 56-Ba-134

MAT 5637

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

56-Ba-134



59

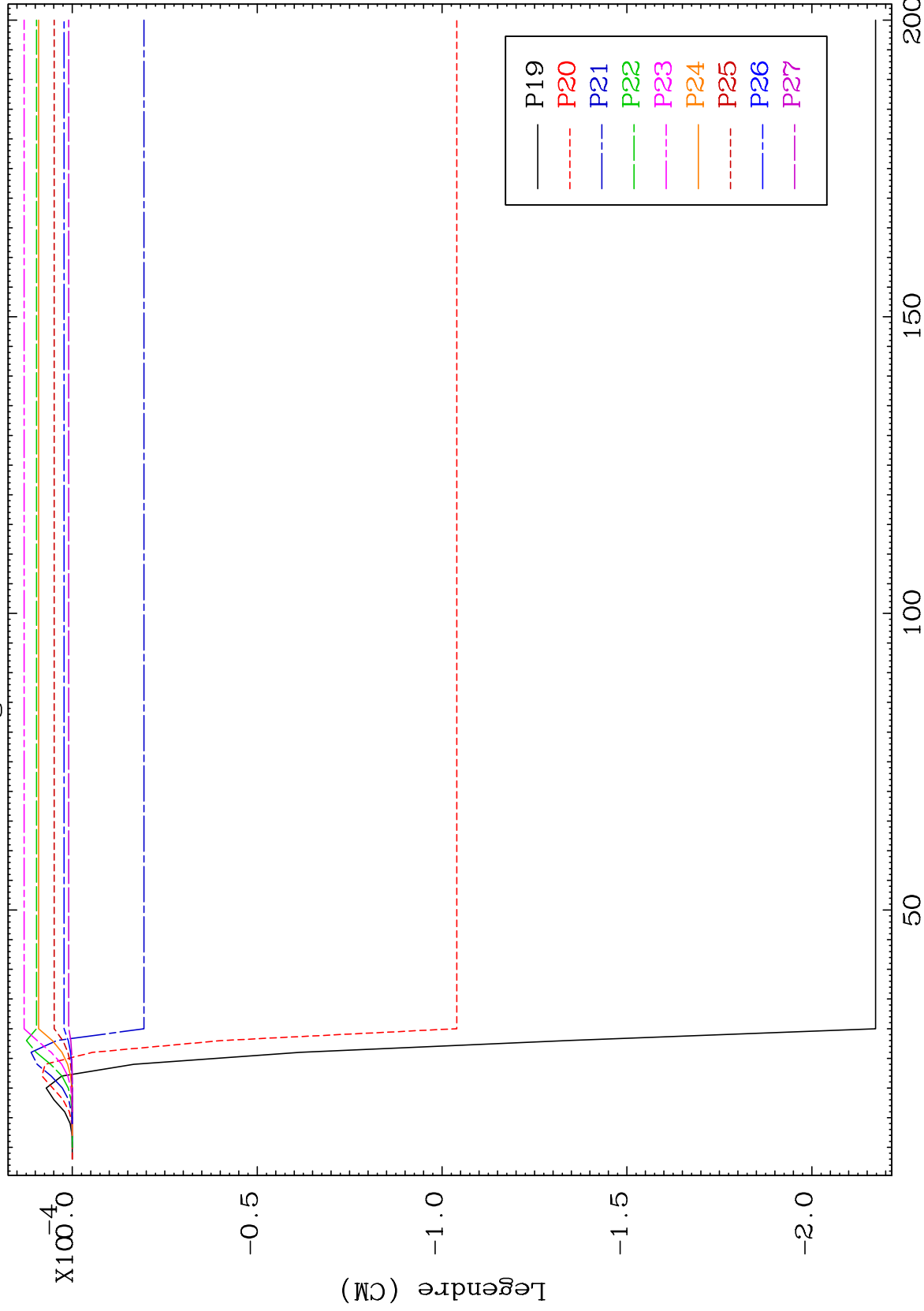
Incident Energy (MeV)

56-Ba-134

MAT 5637

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

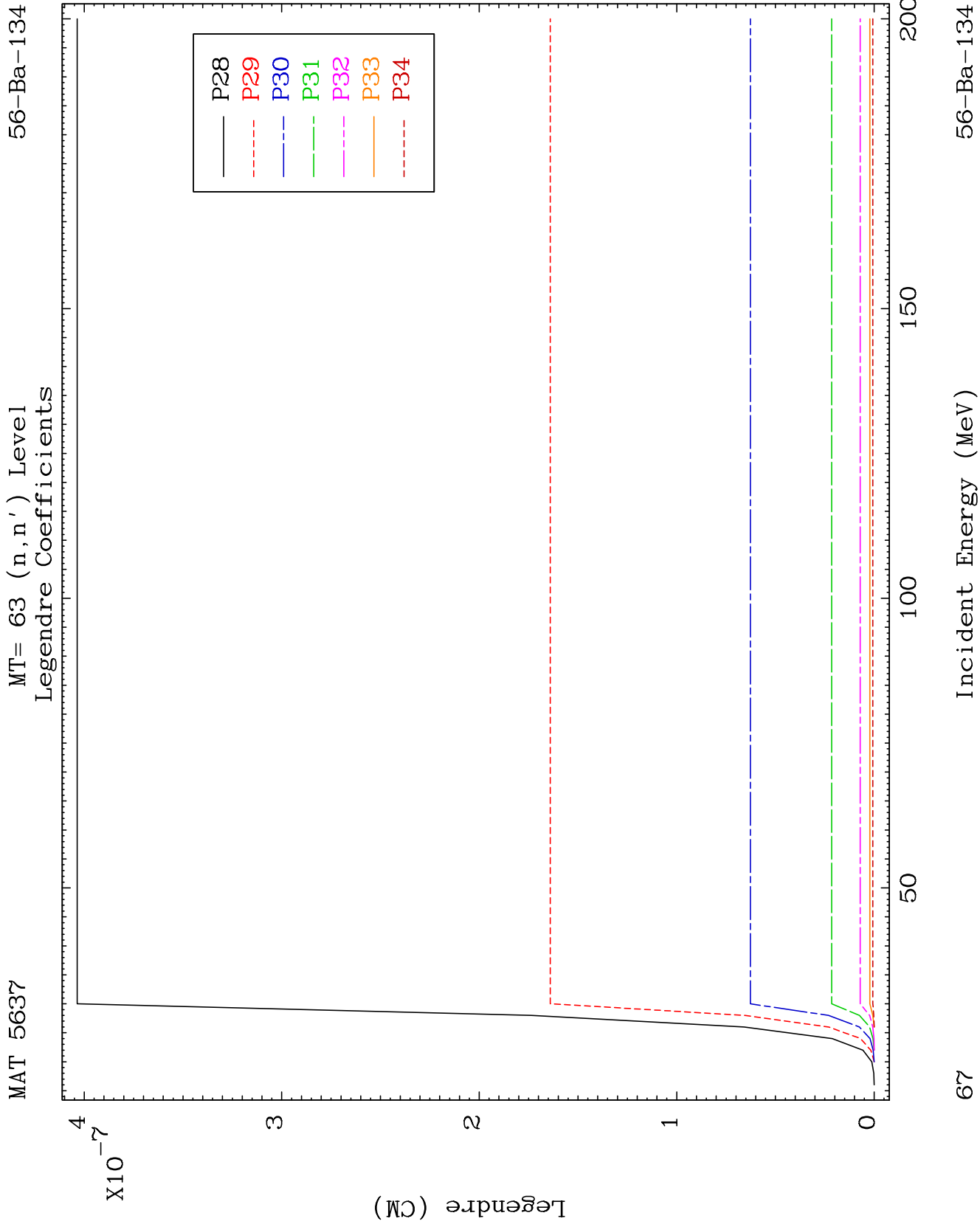
56-Ba-134



66

Incident Energy (MeV)

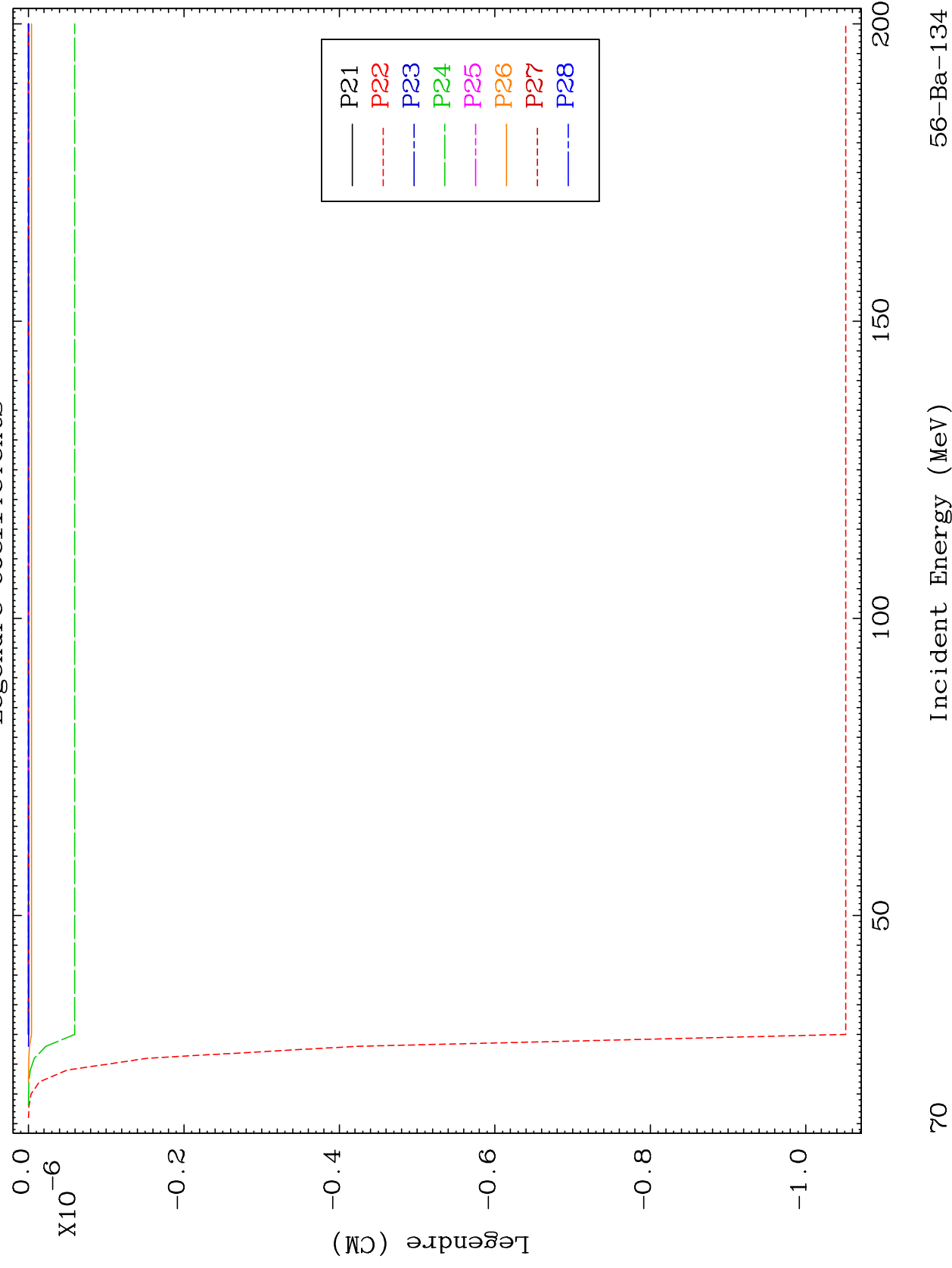
56-Ba-134

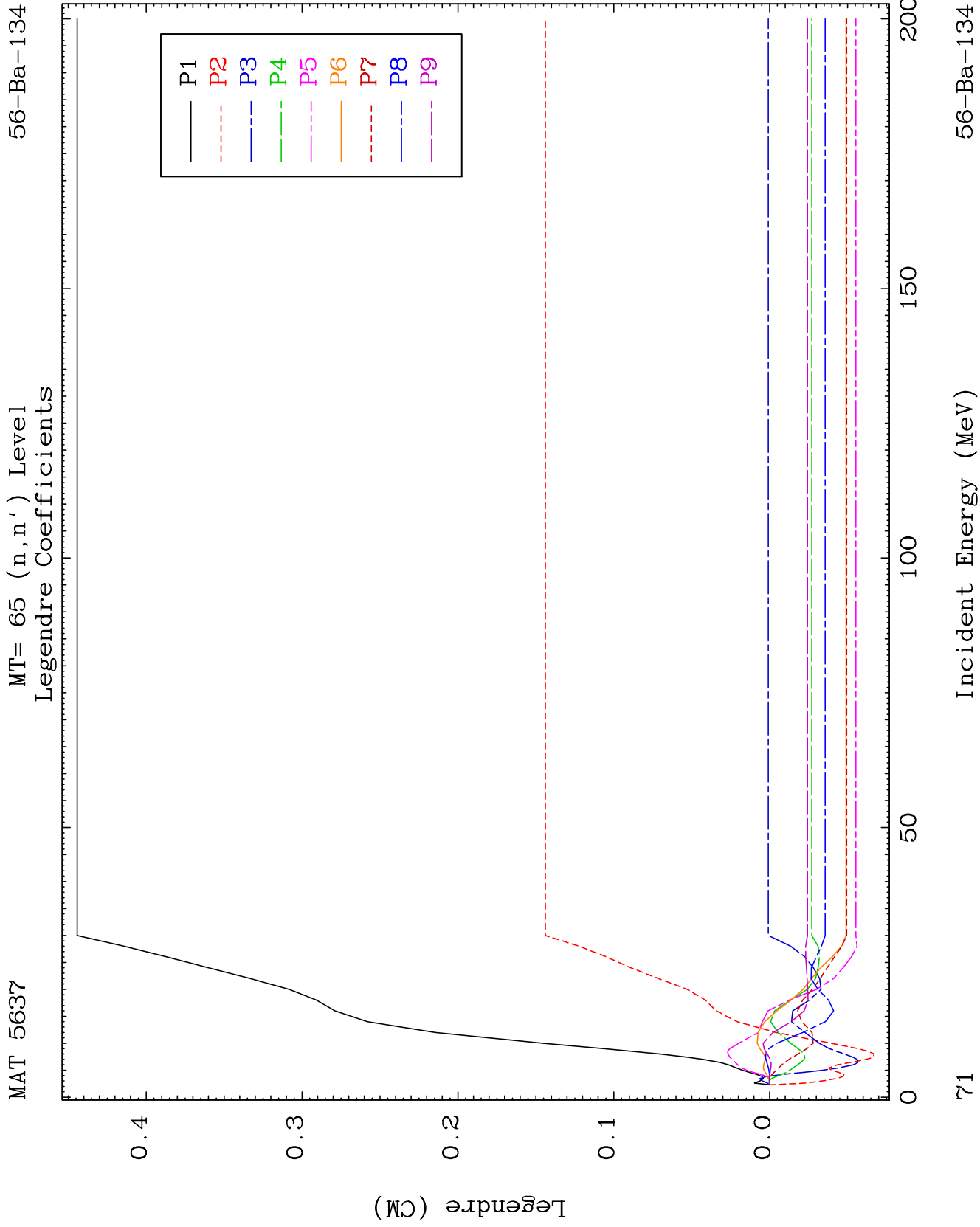


MAT 5637

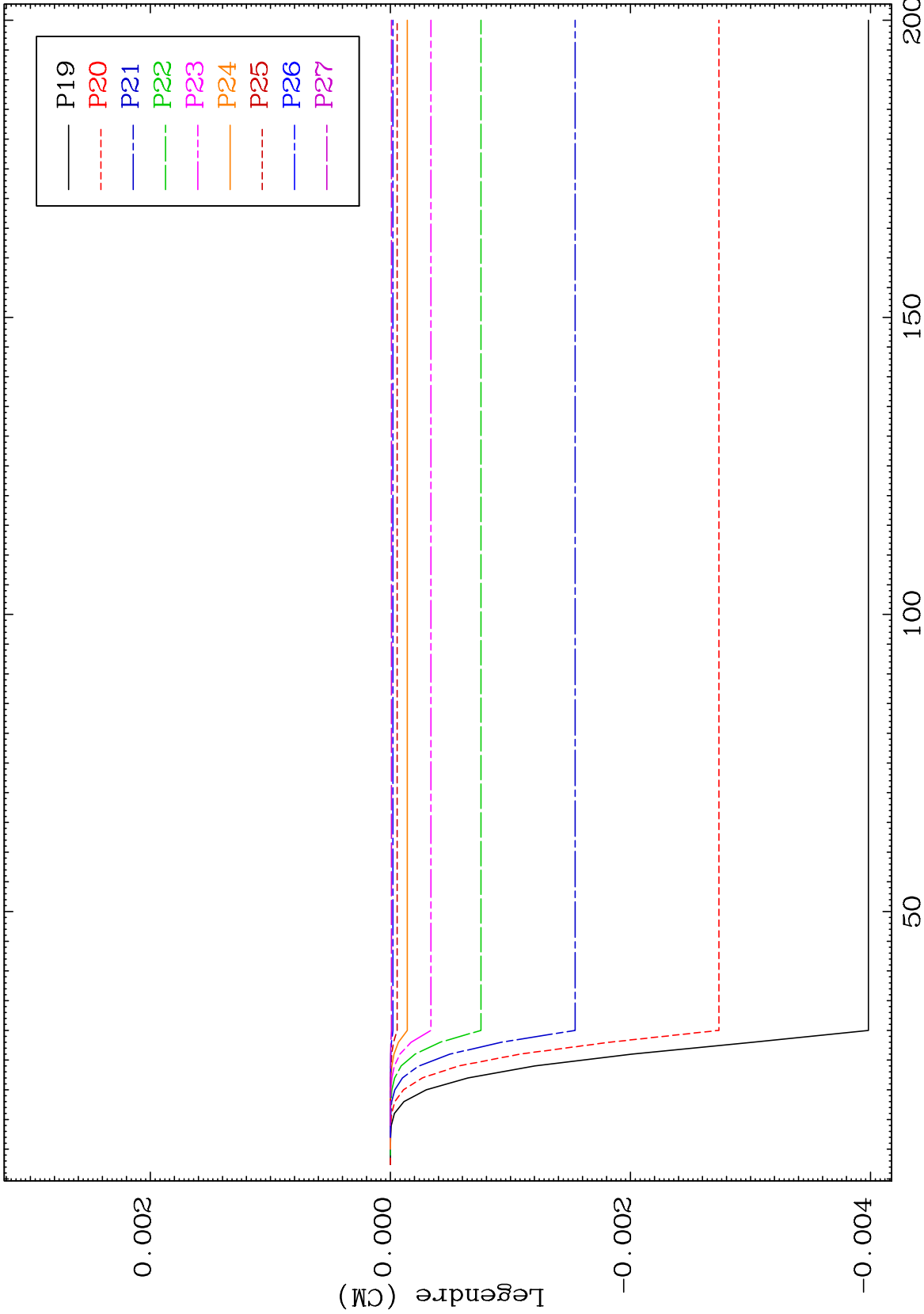
MT= 64 (n, n') Level
Legendre Coefficients

56-Ba-134

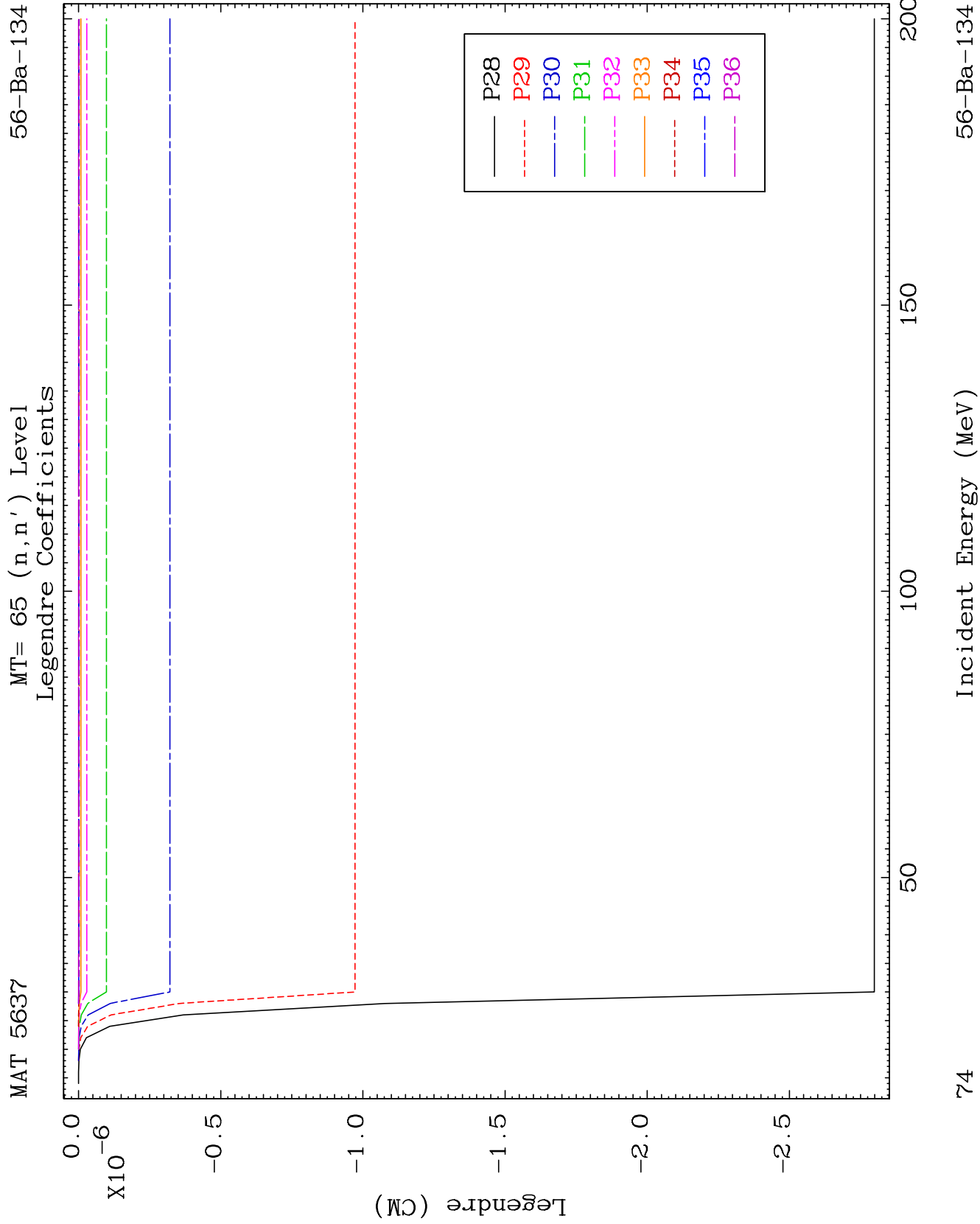


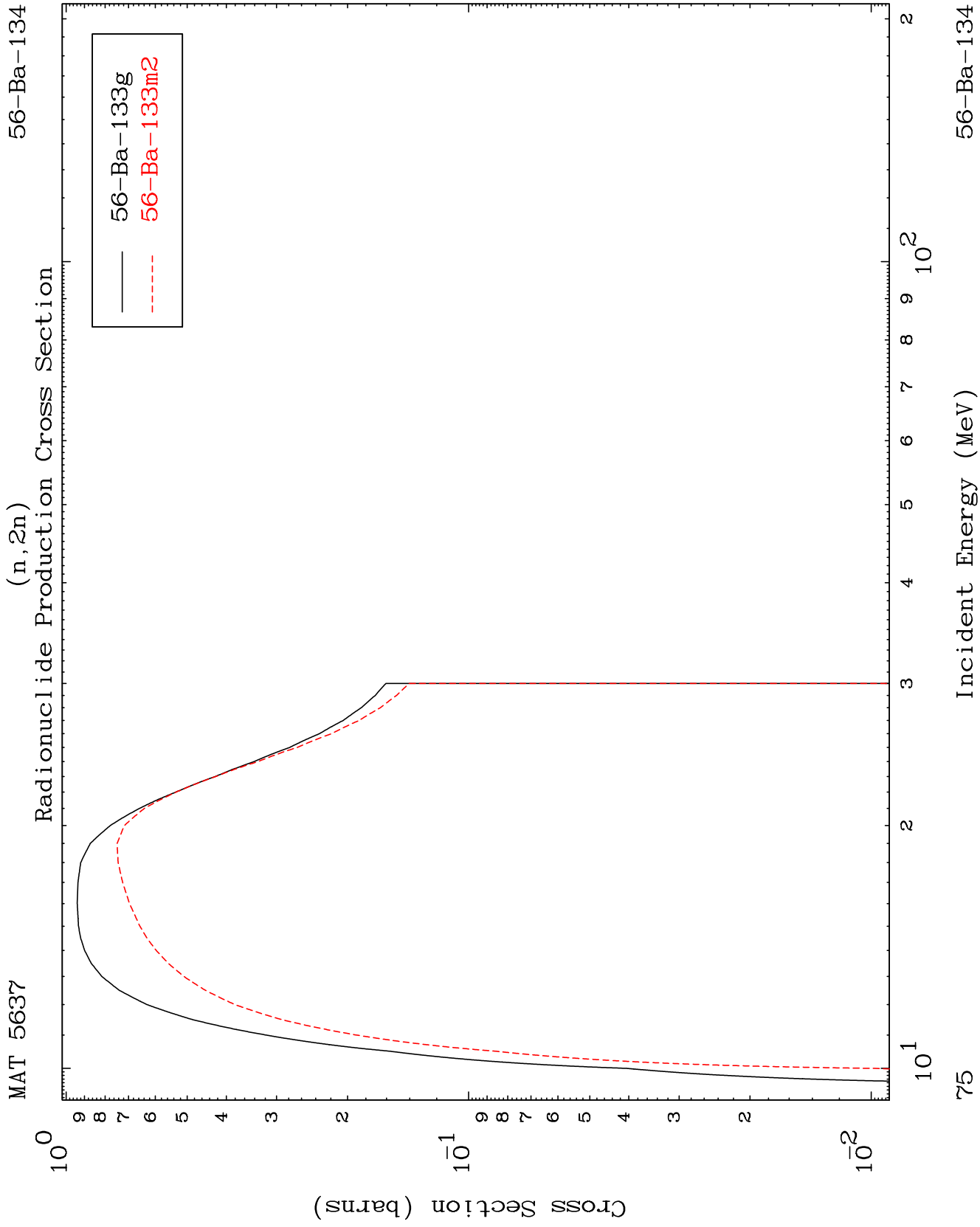


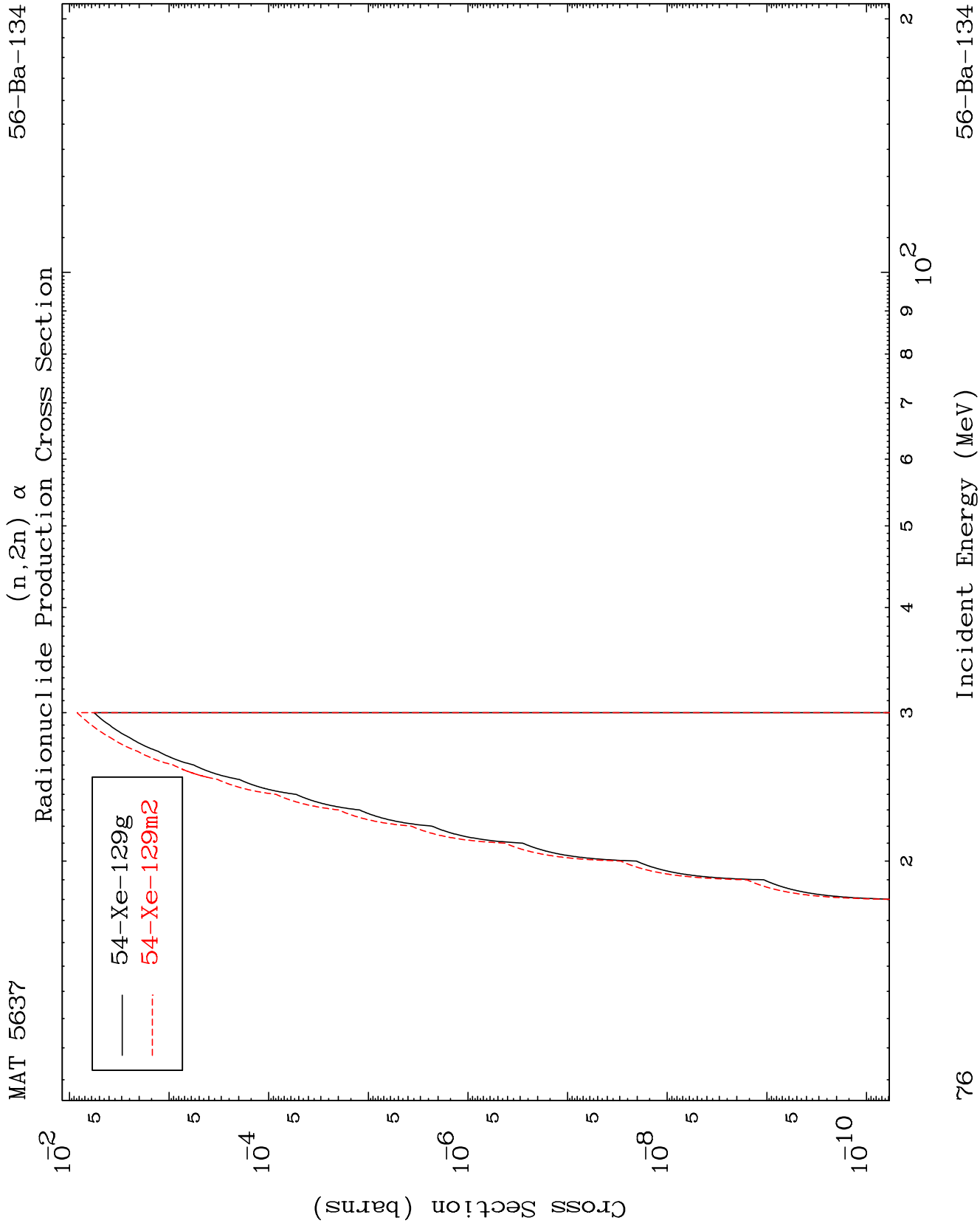
MAT 5637 MT= 65 (n,n') Level Legendre Coefficients 56-Ba-134



73 56-Ba-134





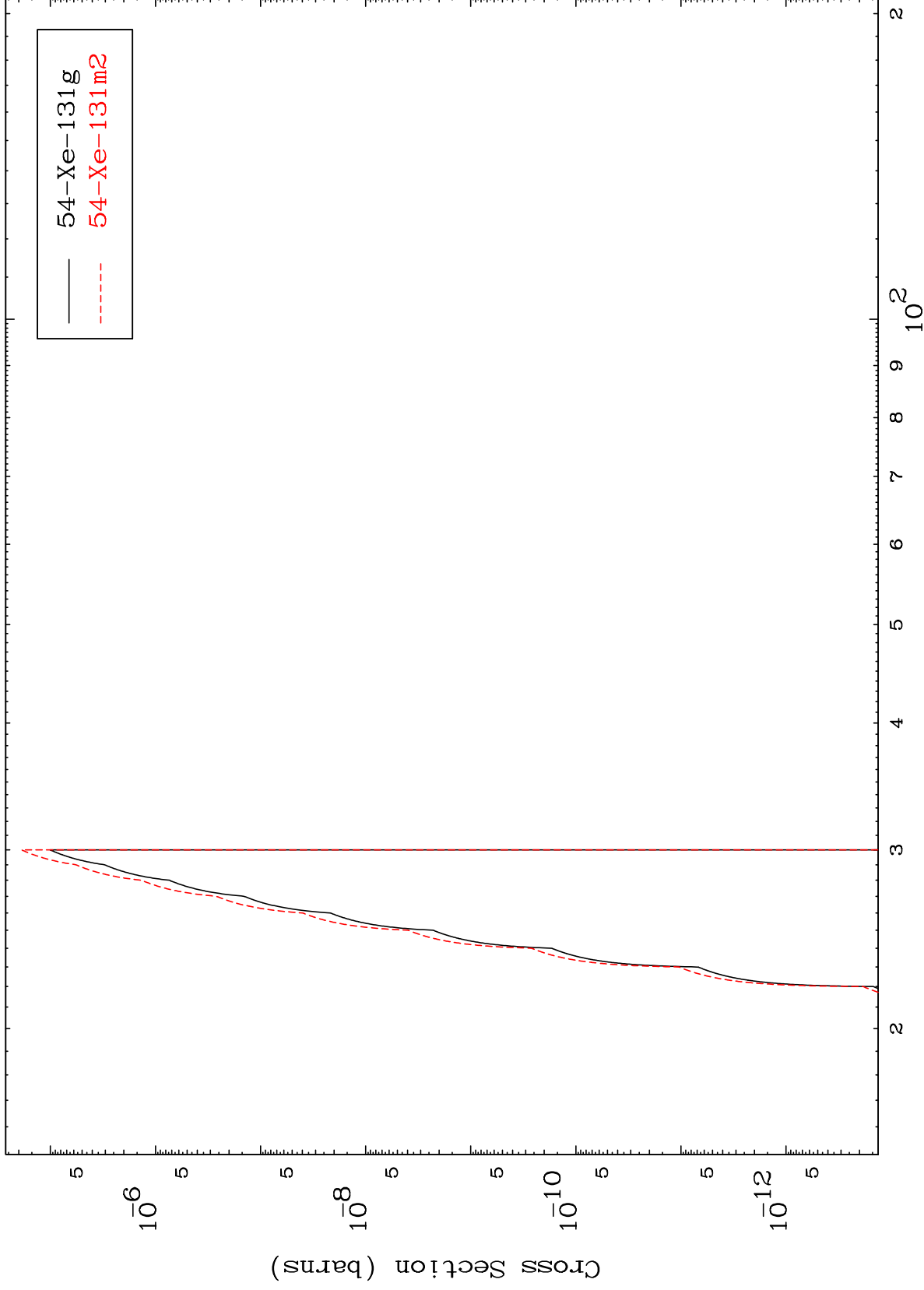


MAT 5637

(n,n') He-3

56-Ba-134

Radionuclide Production Cross Section



77

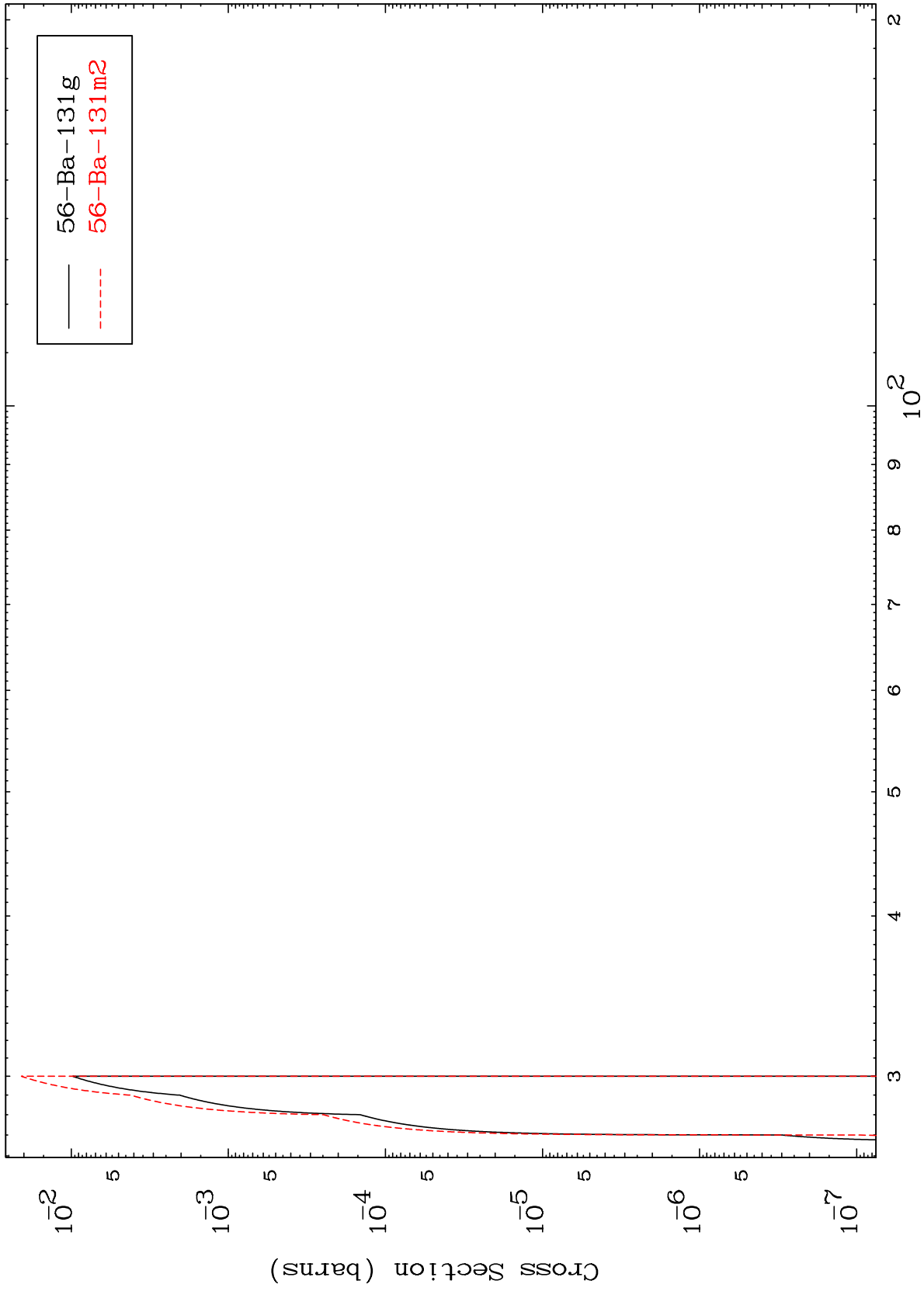
Incident Energy (MeV)

56-Ba-134

MAT 5637

56-Ba-134

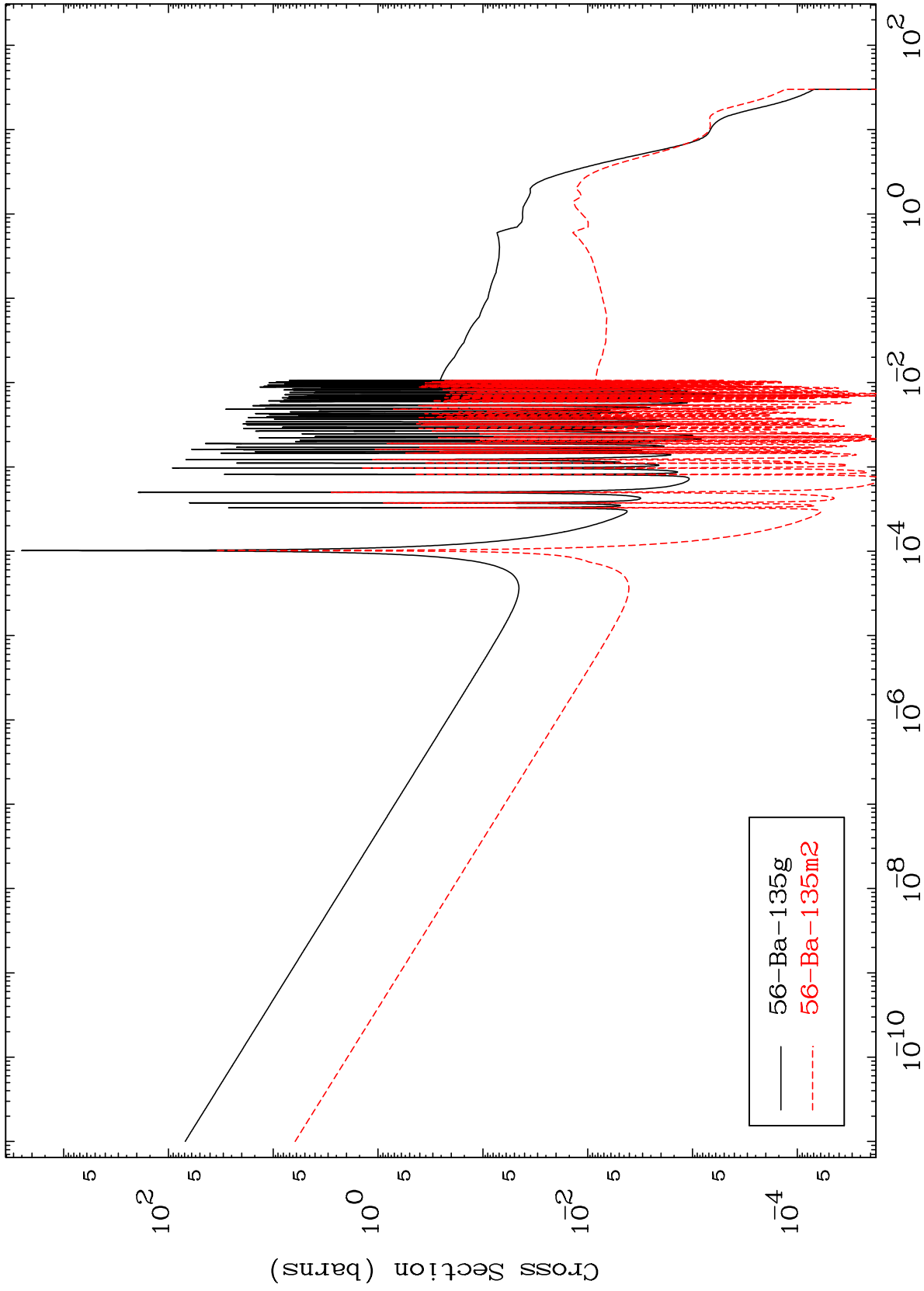
(n,4n)
Radionuclide Production Cross Section



78

56-Ba-134

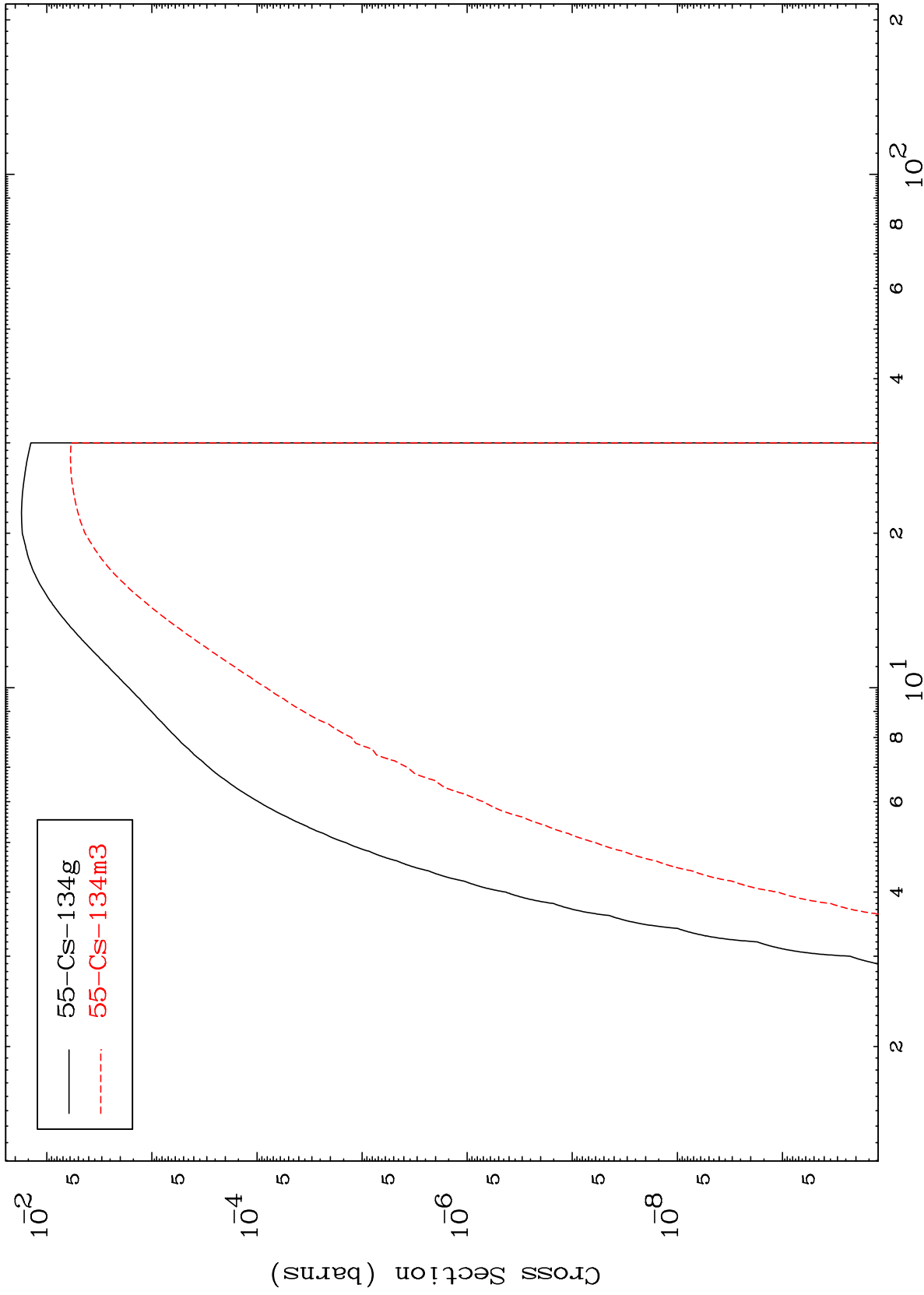
Radionuclide Production Cross Section
(n, γ)



MAT 5637

56-Ba-134

(n,p)
Radionuclide Production Cross Section



80

Incident Energy (MeV)

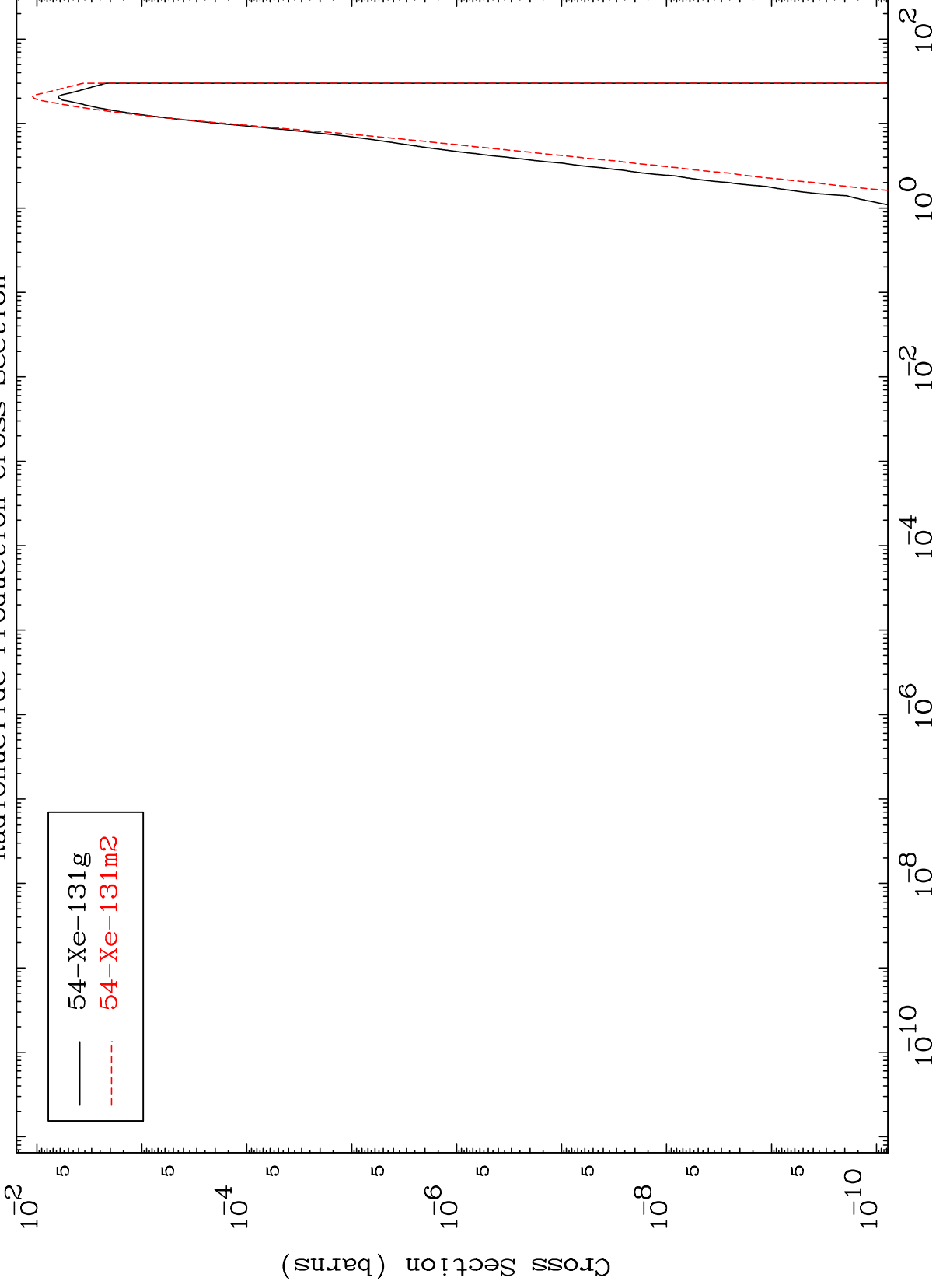
56-Ba-134

MAT 5637

(n,α)

56-Ba-134

Radionuclide Production Cross Section



81

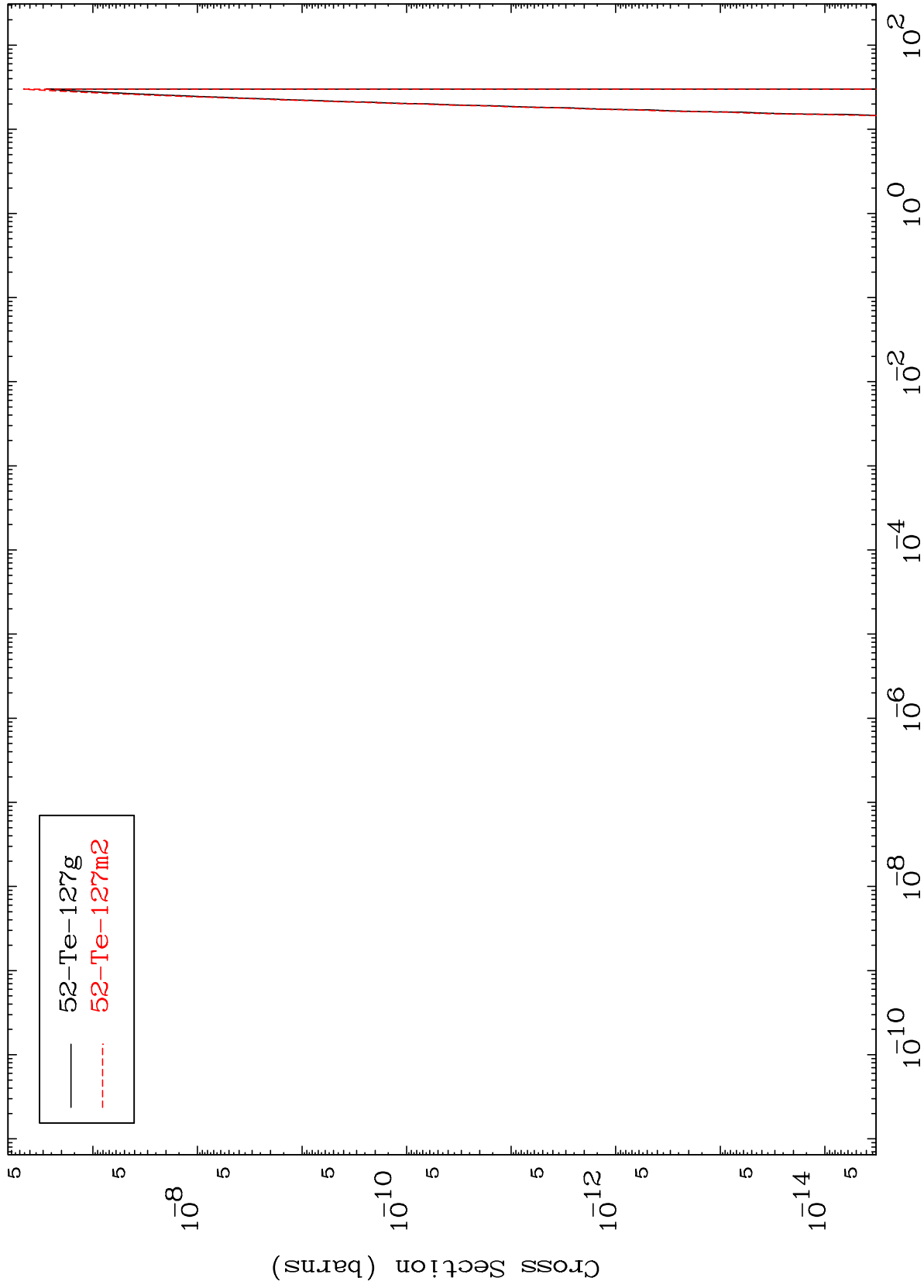
Incident Energy (MeV)

56-Ba-134

MAT 5637

Radionuclide Production Cross Section
(n,2α)

56-Ba-134



82

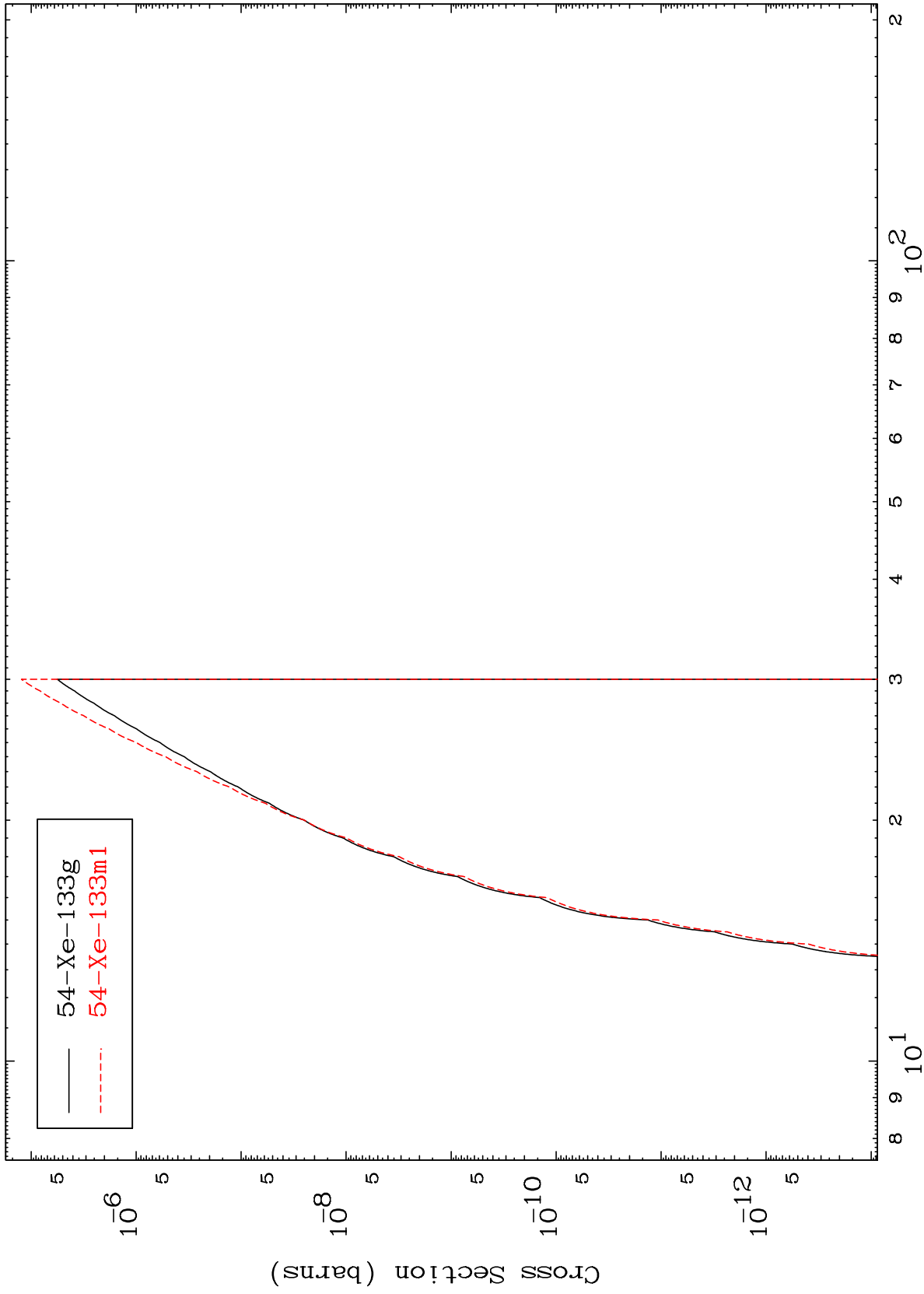
Incident Energy (MeV)

56-Ba-134

MAT 5637

56-Ba-134

Radionuclide Production Cross Section
(n,2p)



83

Incident Energy (MeV)

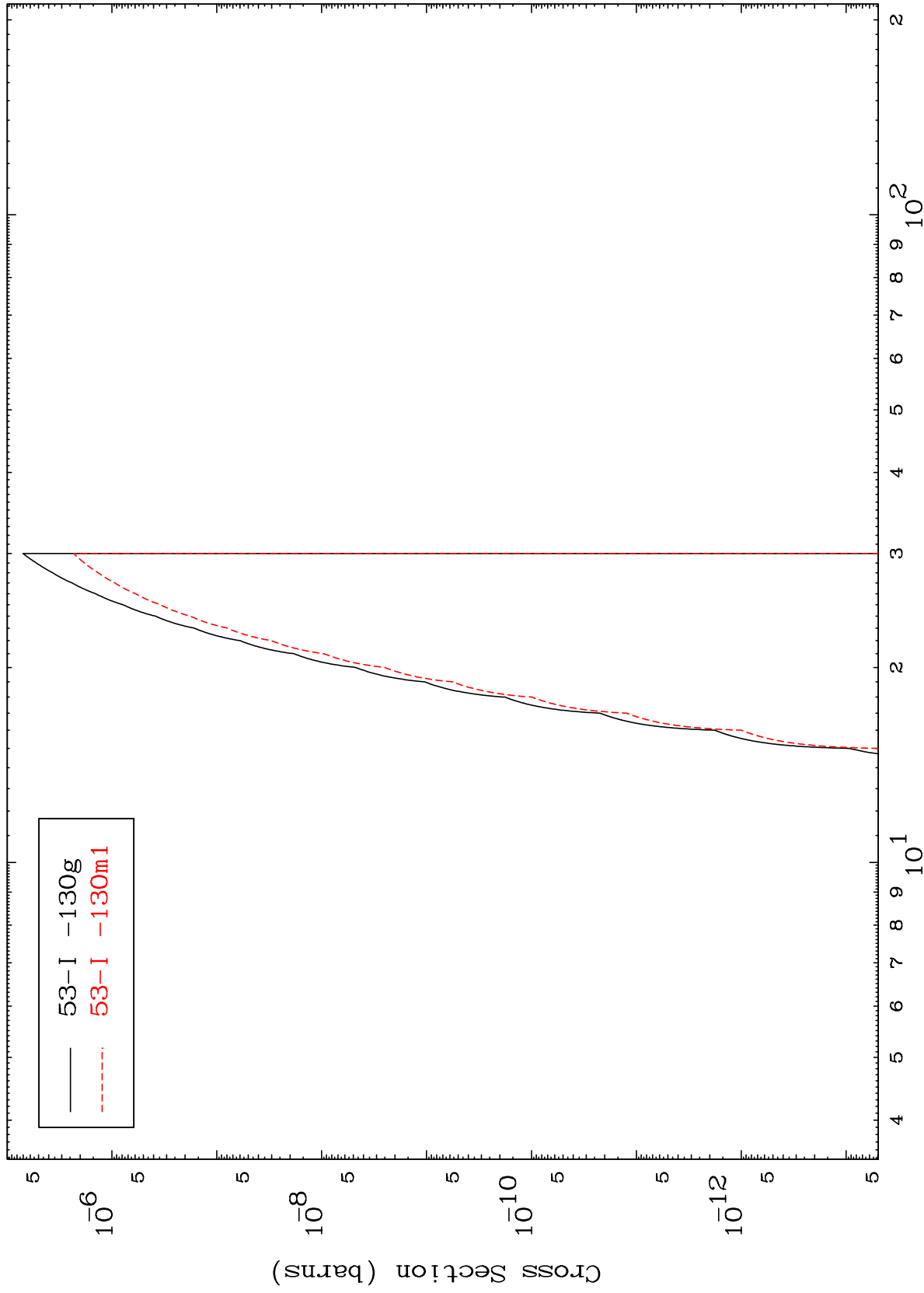
56-Ba-134

MAT 5637

(n,p) α

56-Ba-134

Radionuclide Production Cross Section



84

Incident Energy (MeV)

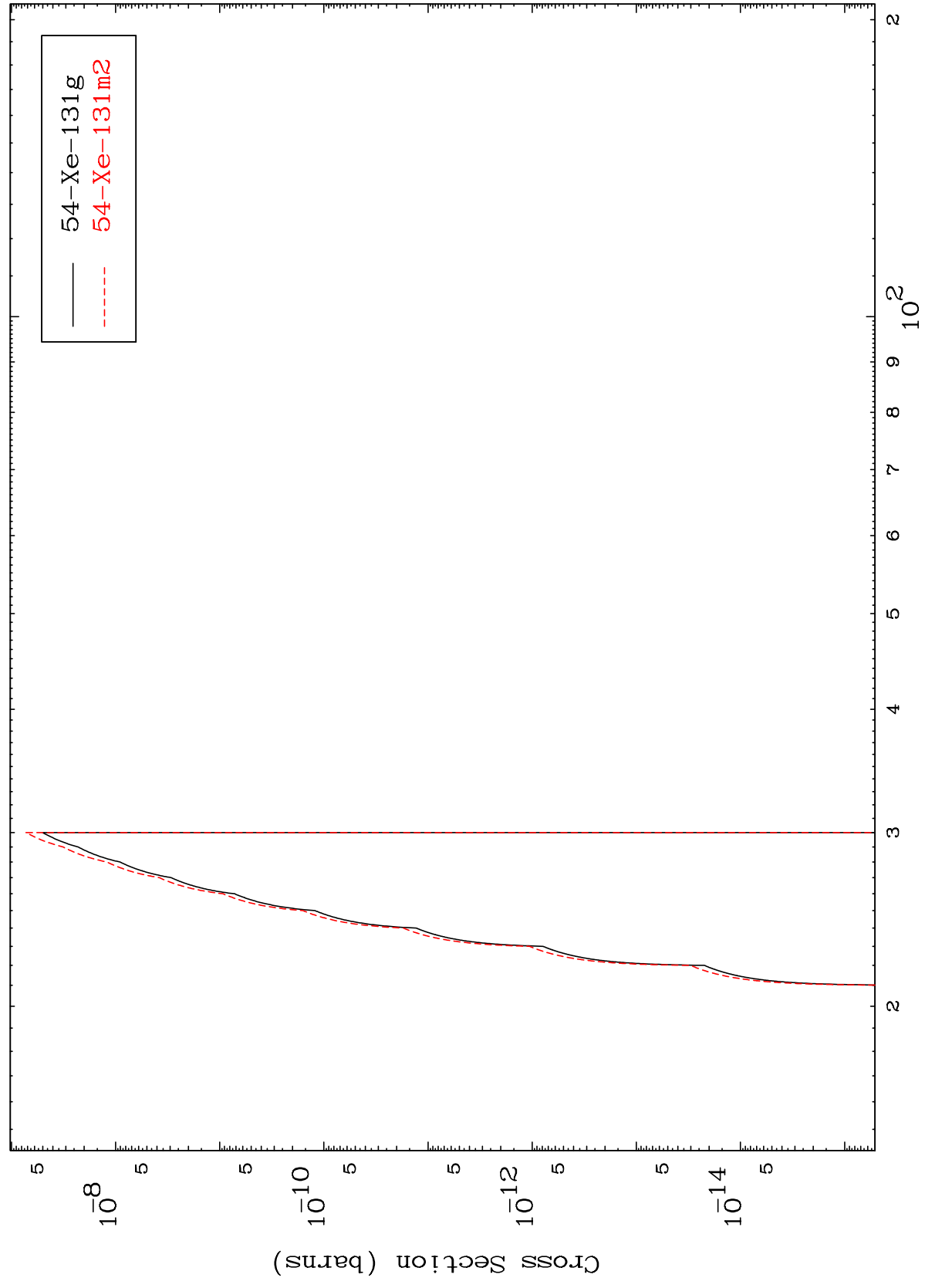
56-Ba-134

MAT 5637

(n,p) t

56-Ba-134

Radionuclide Production Cross Section



85

Incident Energy (MeV)

56-Ba-134