

Program EVALPLOT
(Version 2021-1)

by

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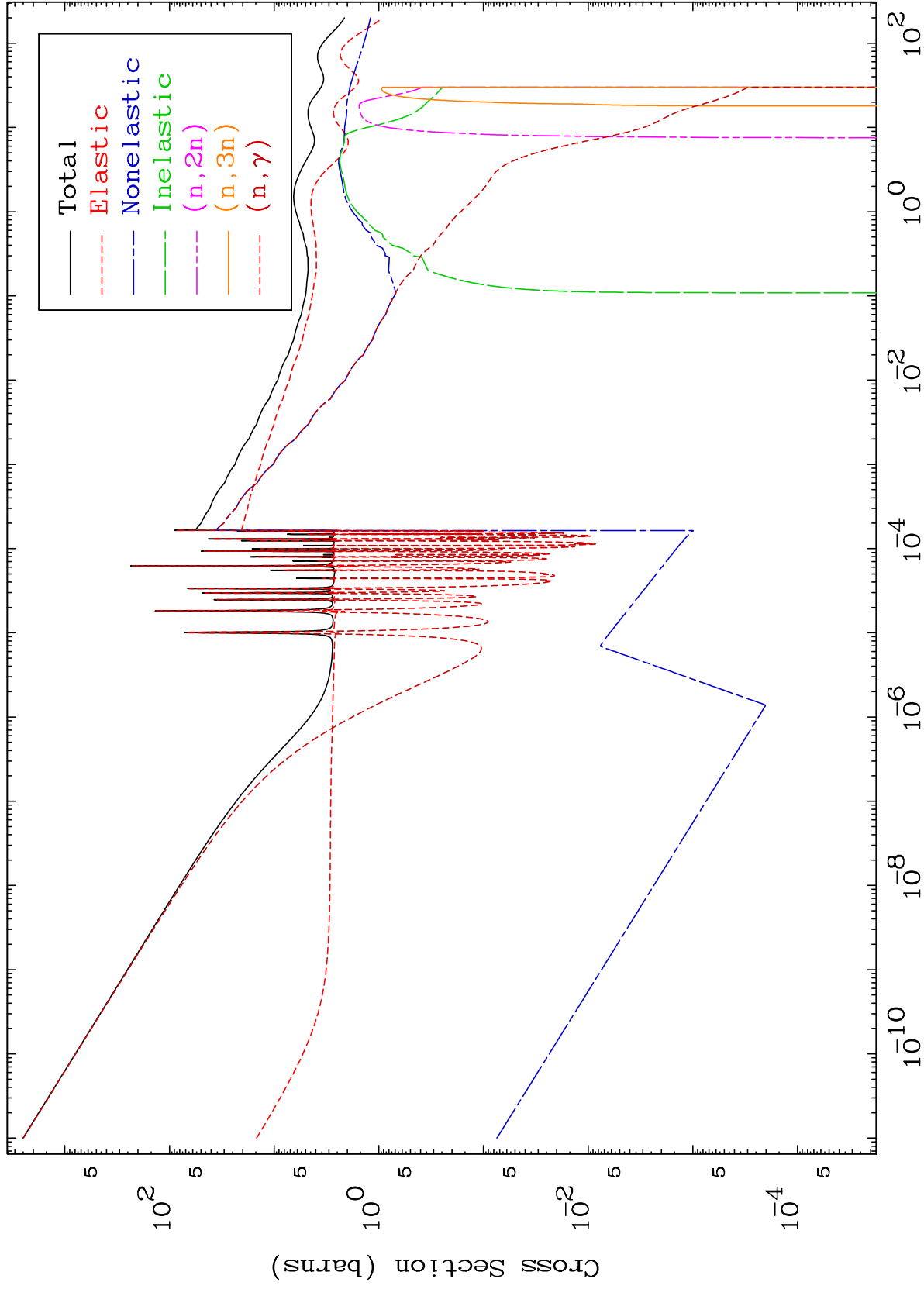
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5628

Neutron Major
293 Kelvin Cross Sections

56-Ba-131



1

Incident Energy (MeV)

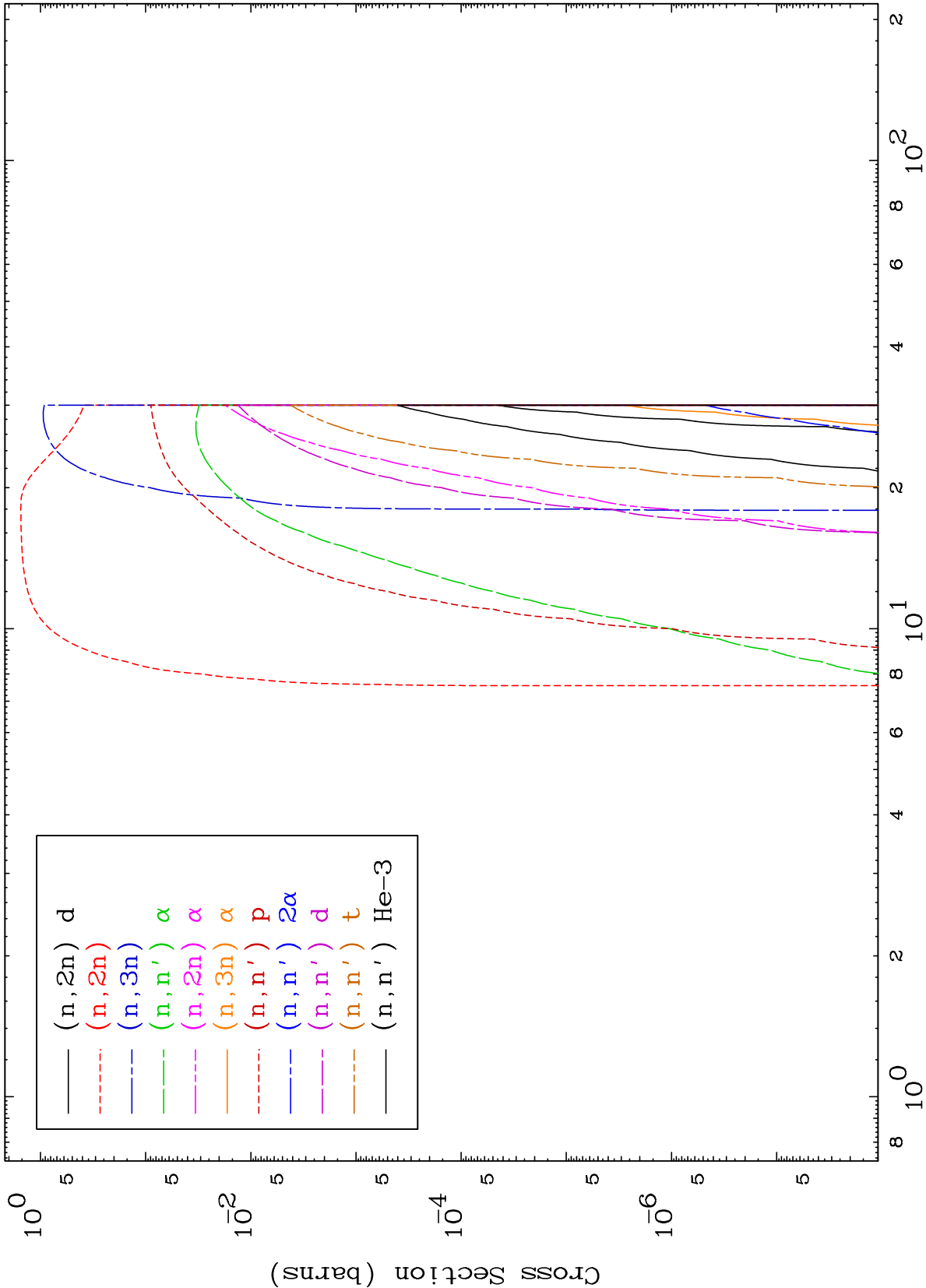
56-Ba-131

MAT 5628

Neutron Absorption

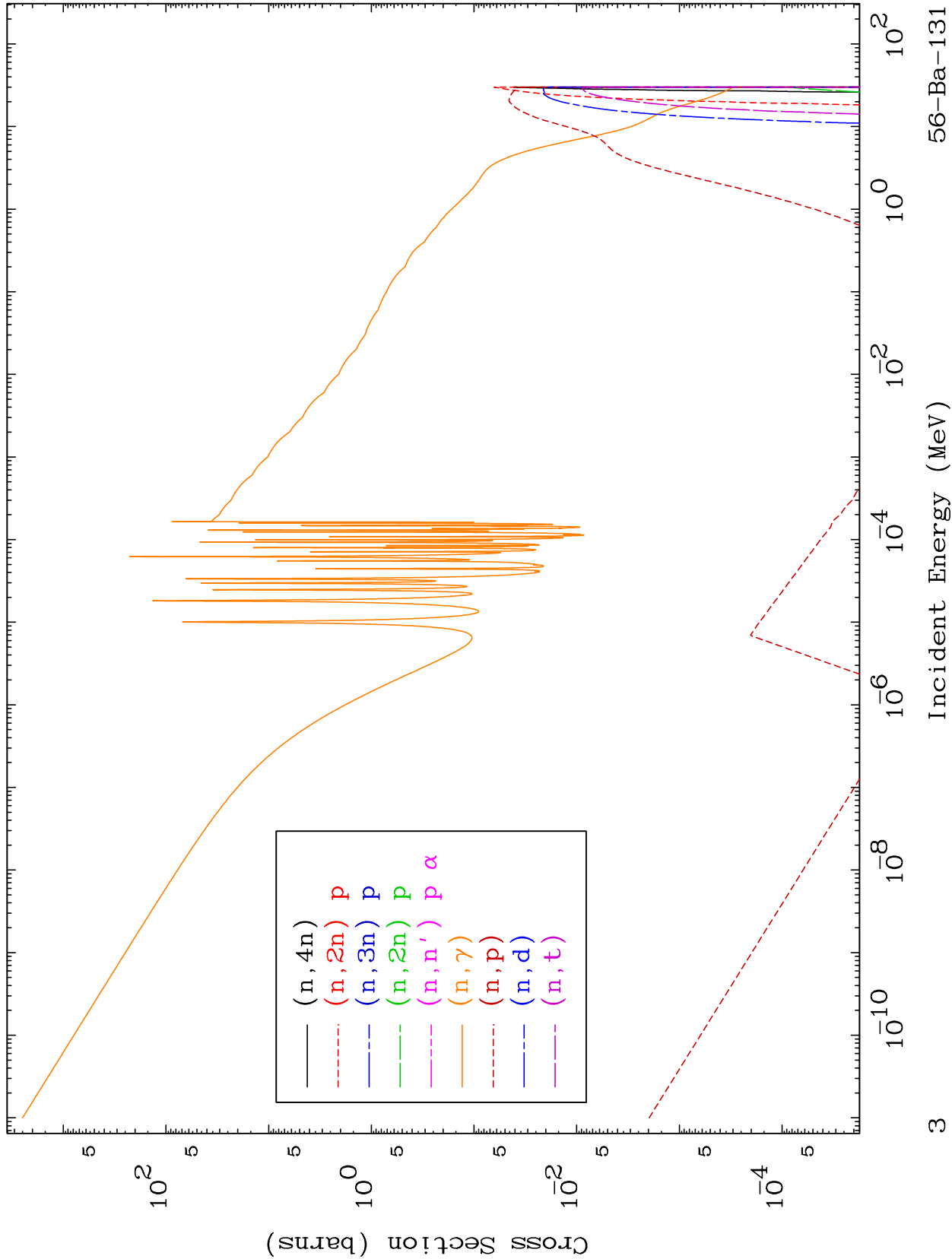
56-Ba-131

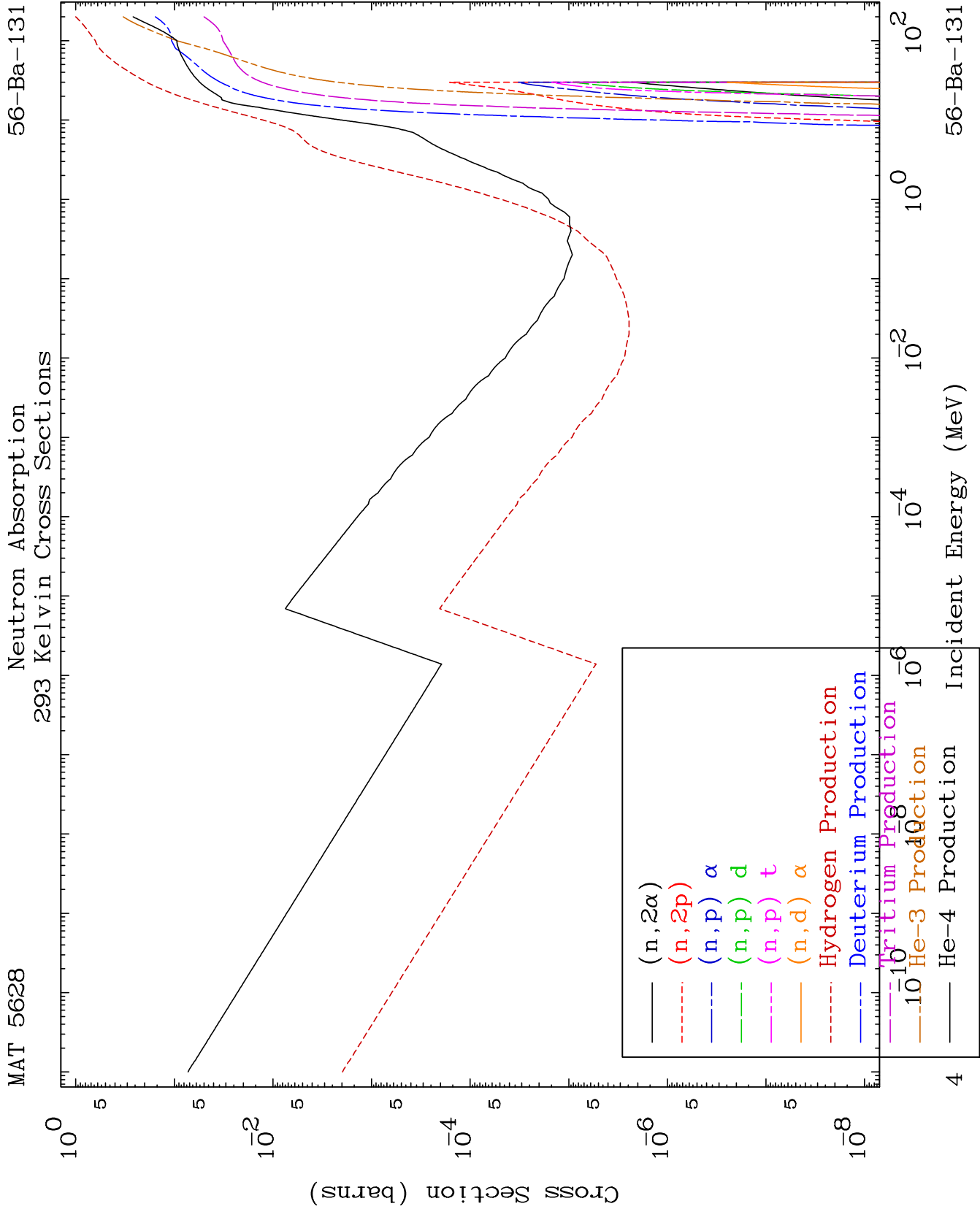
293 Kelvin Cross Sections



Incident Energy (MeV)

56-Ba-131

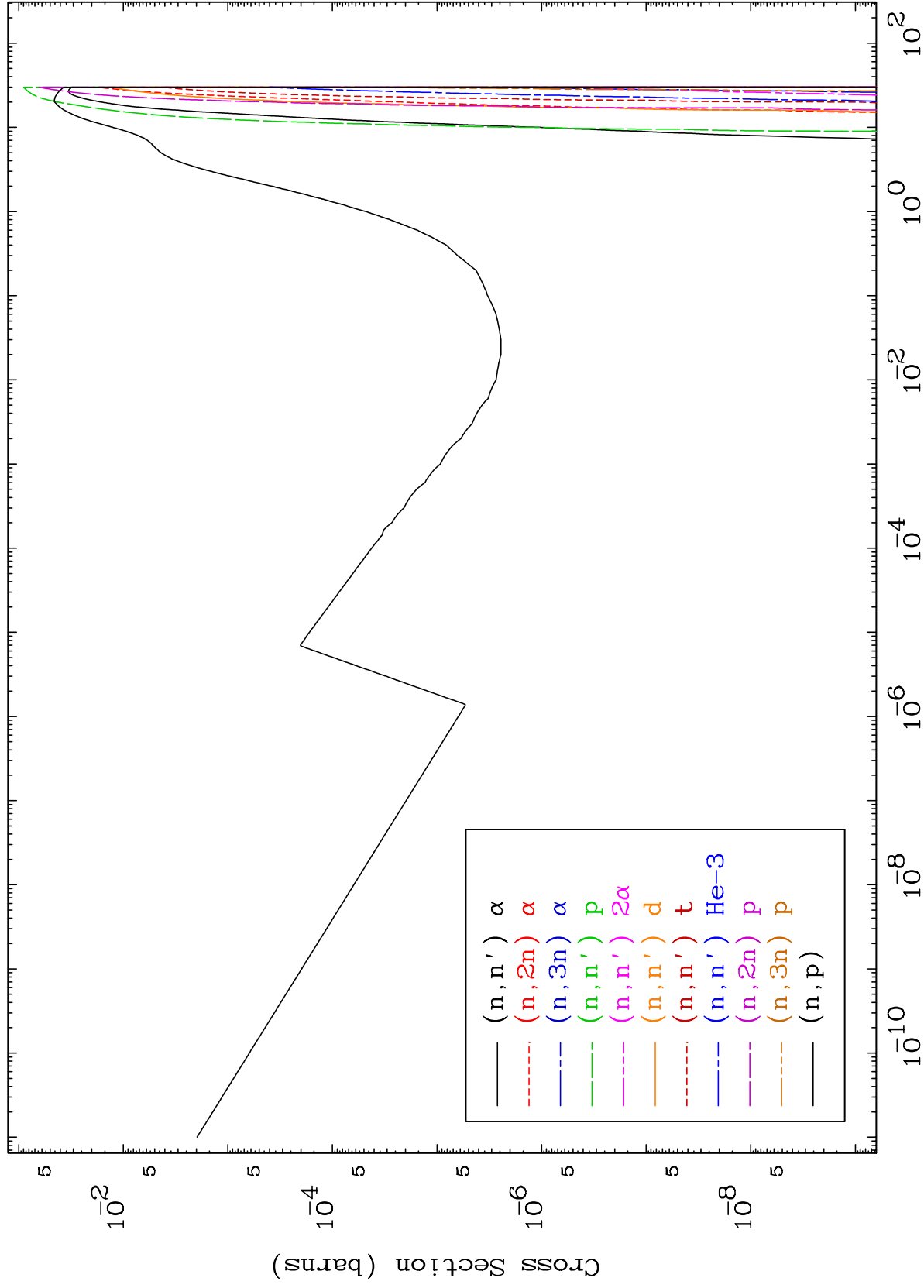


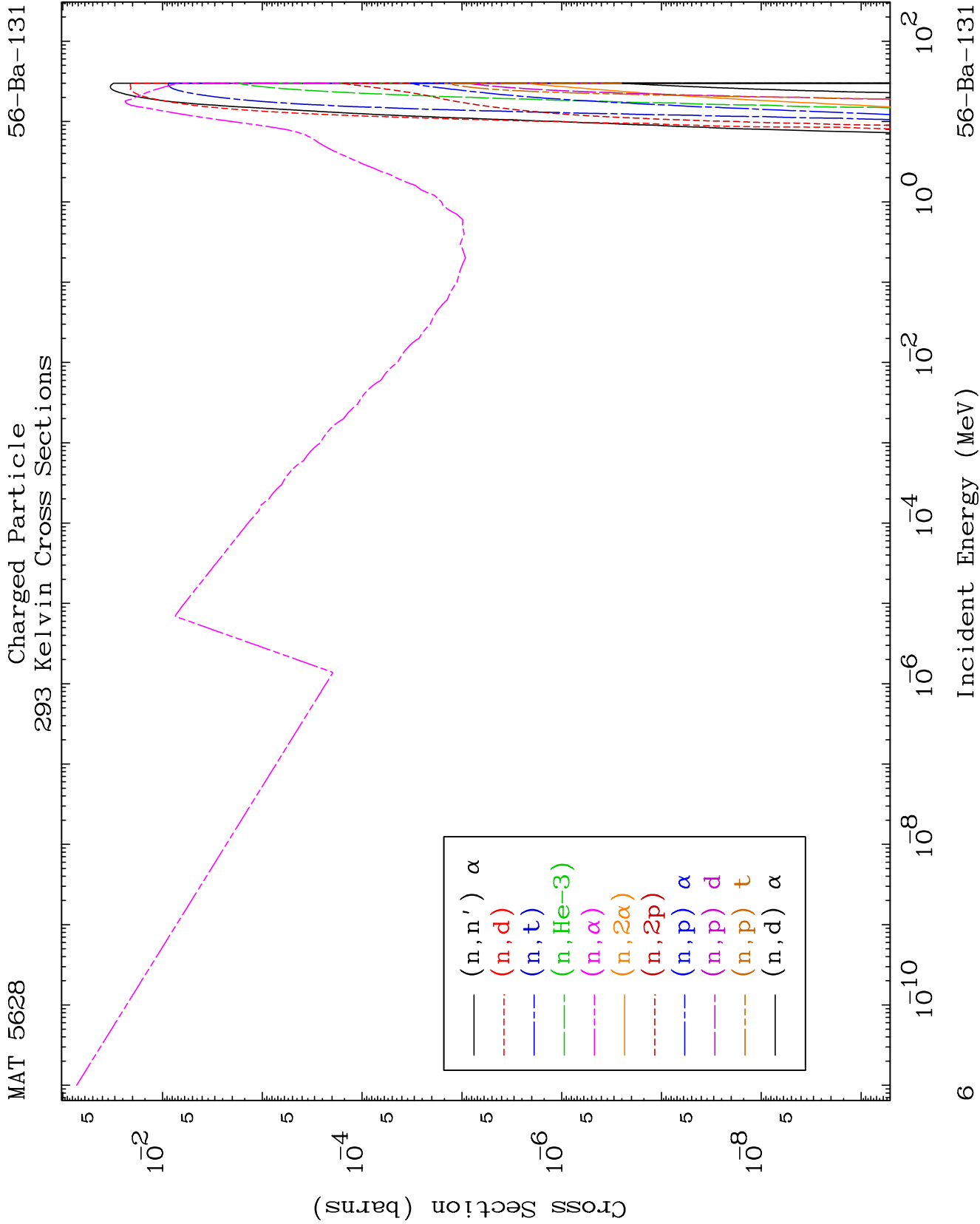


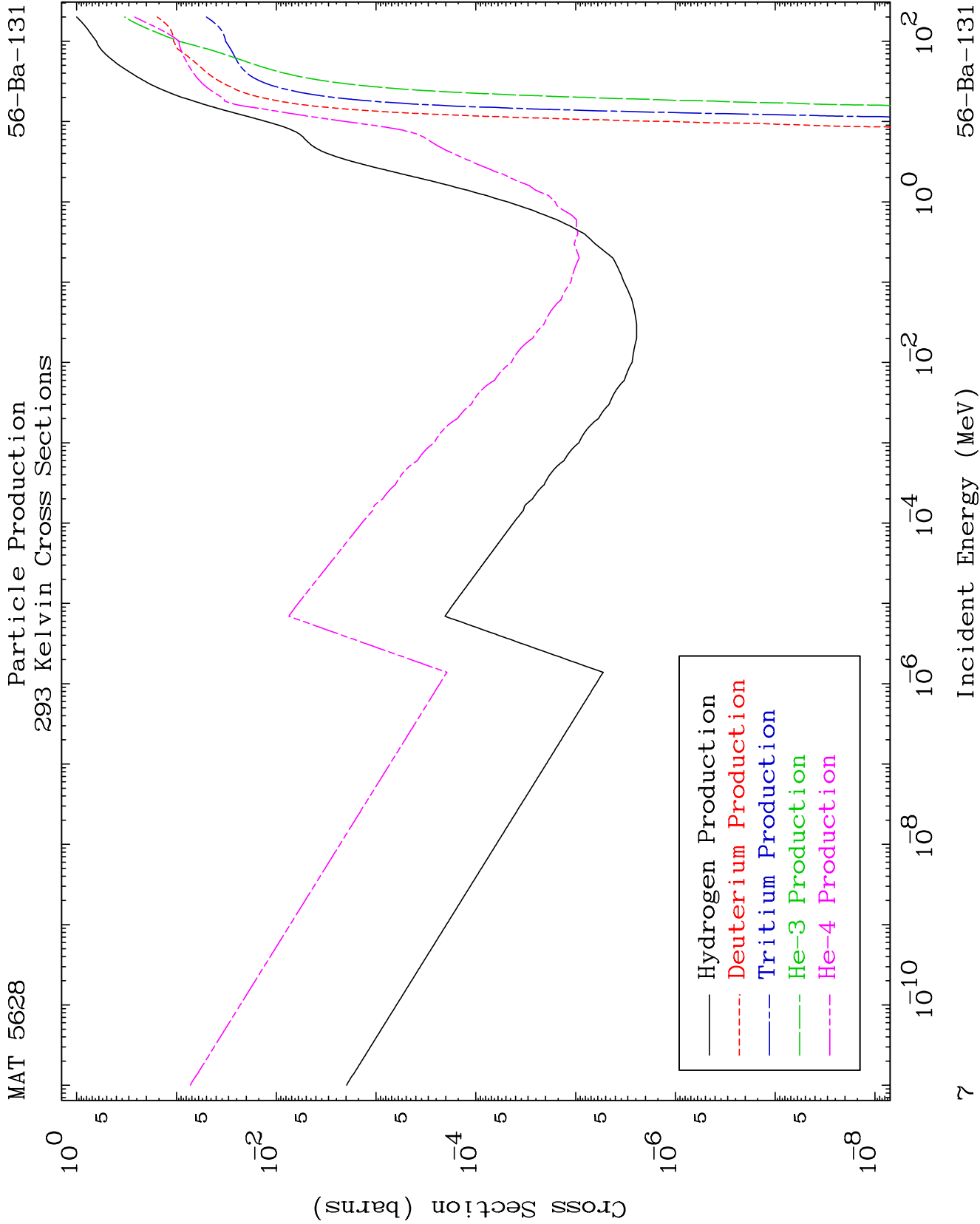
MAT 5628

Charged Particle
293 Kelvin Cross Sections

56-Ba-131





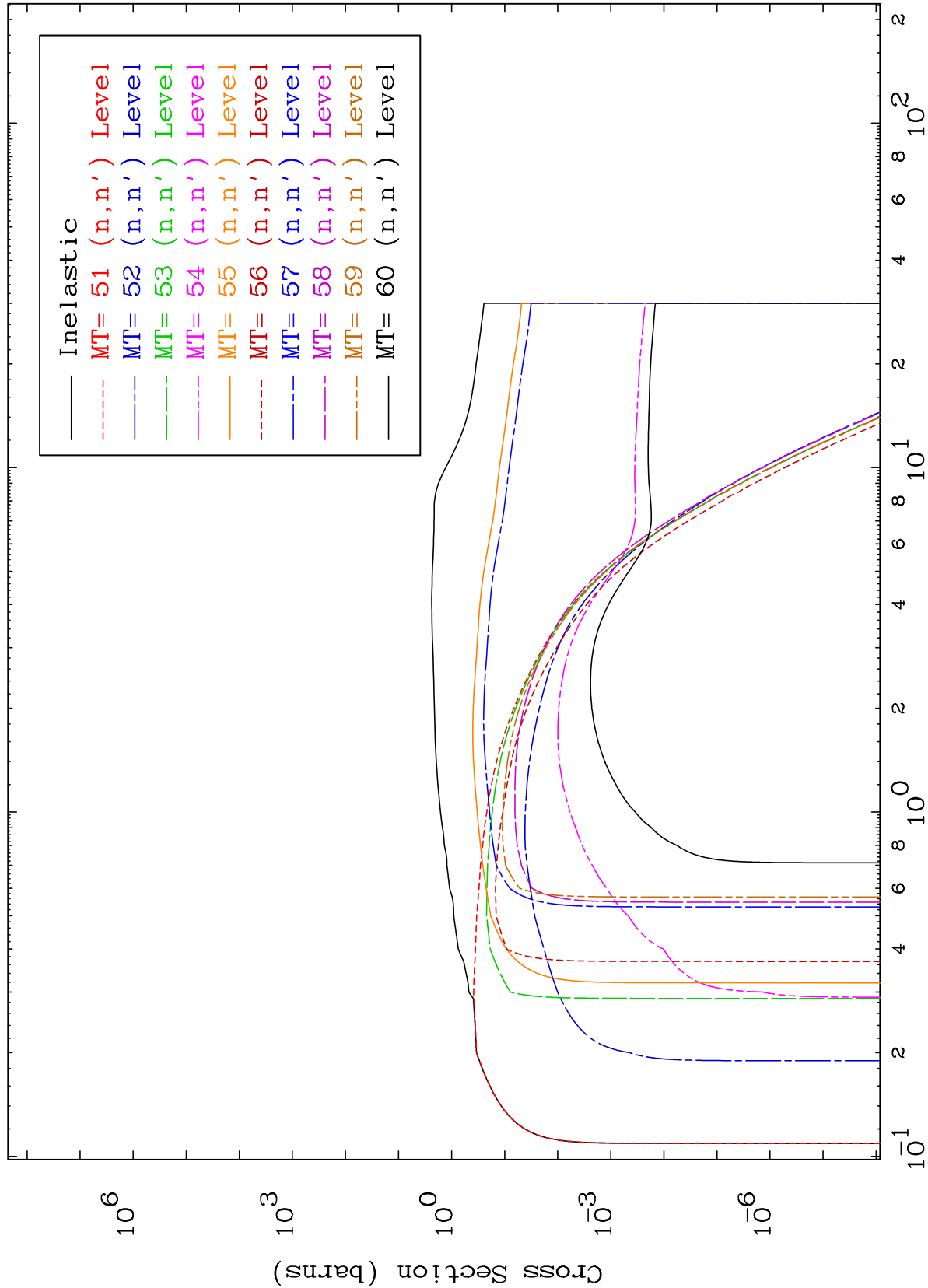


MAT 5628

(n,n') Levels

56-Ba-131

293 Kelvin Cross Sections



Incident Energy (MeV)

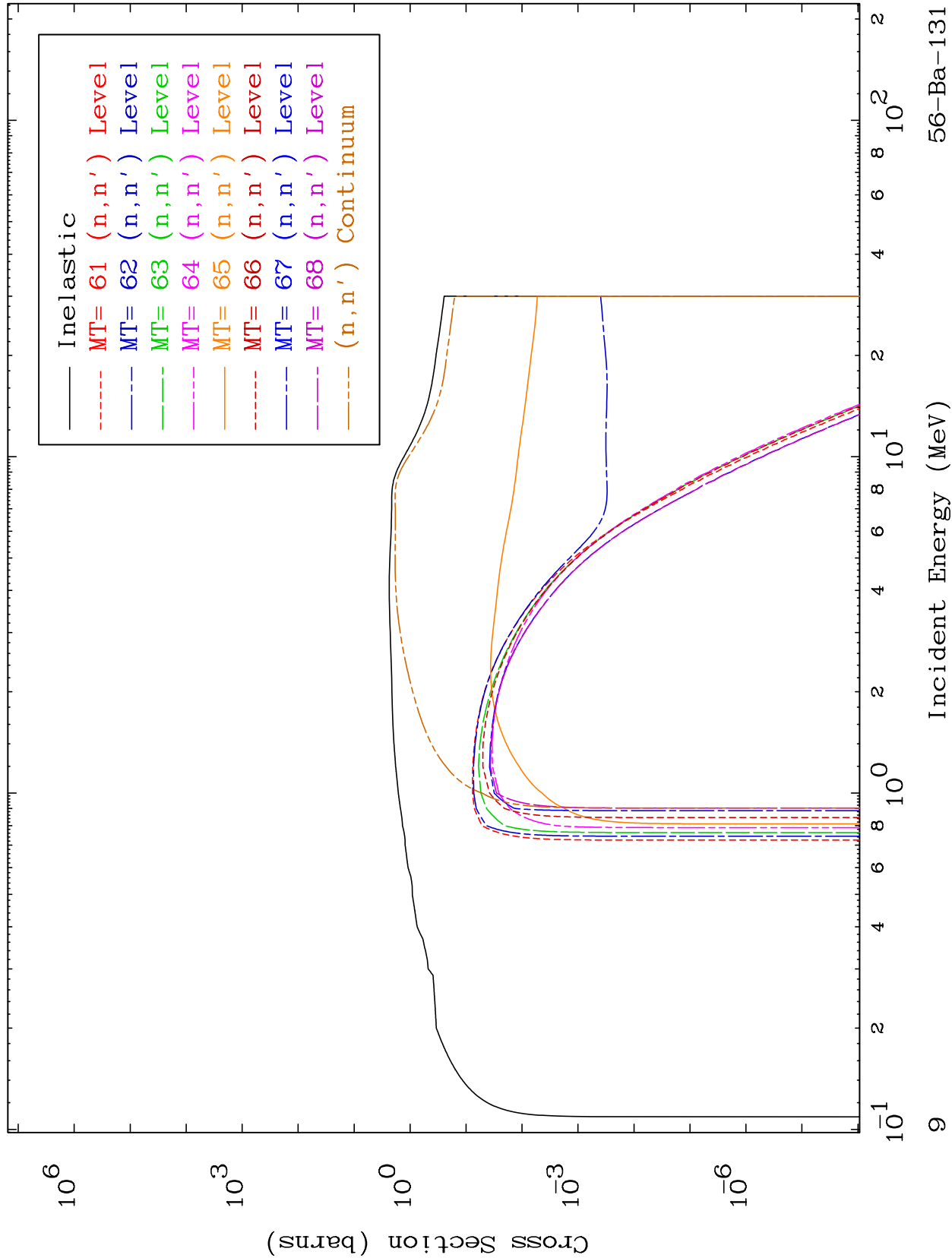
56-Ba-131

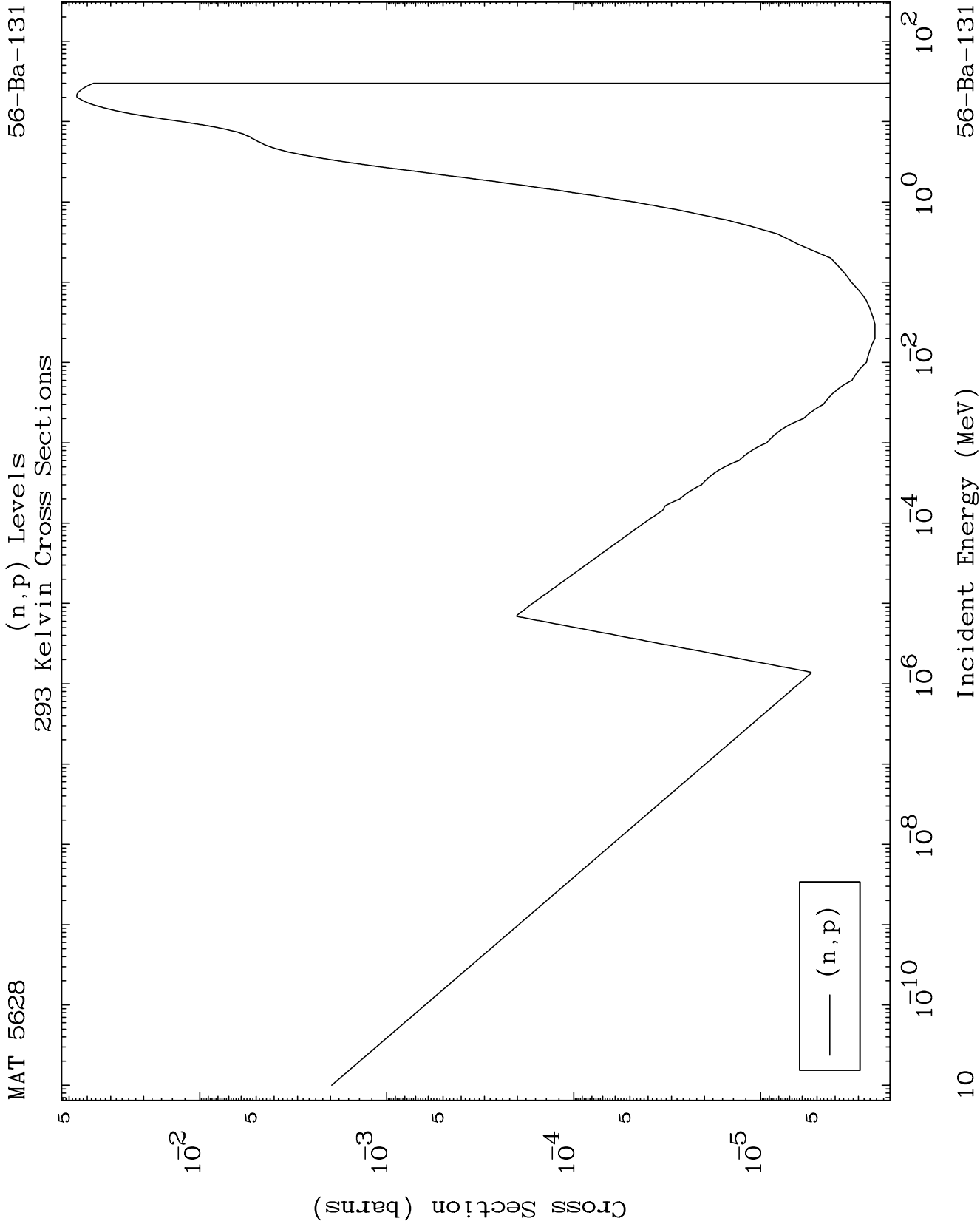
MAT 5628

(n,n') Levels

293 Kelvin Cross Sections

56-Ba-131

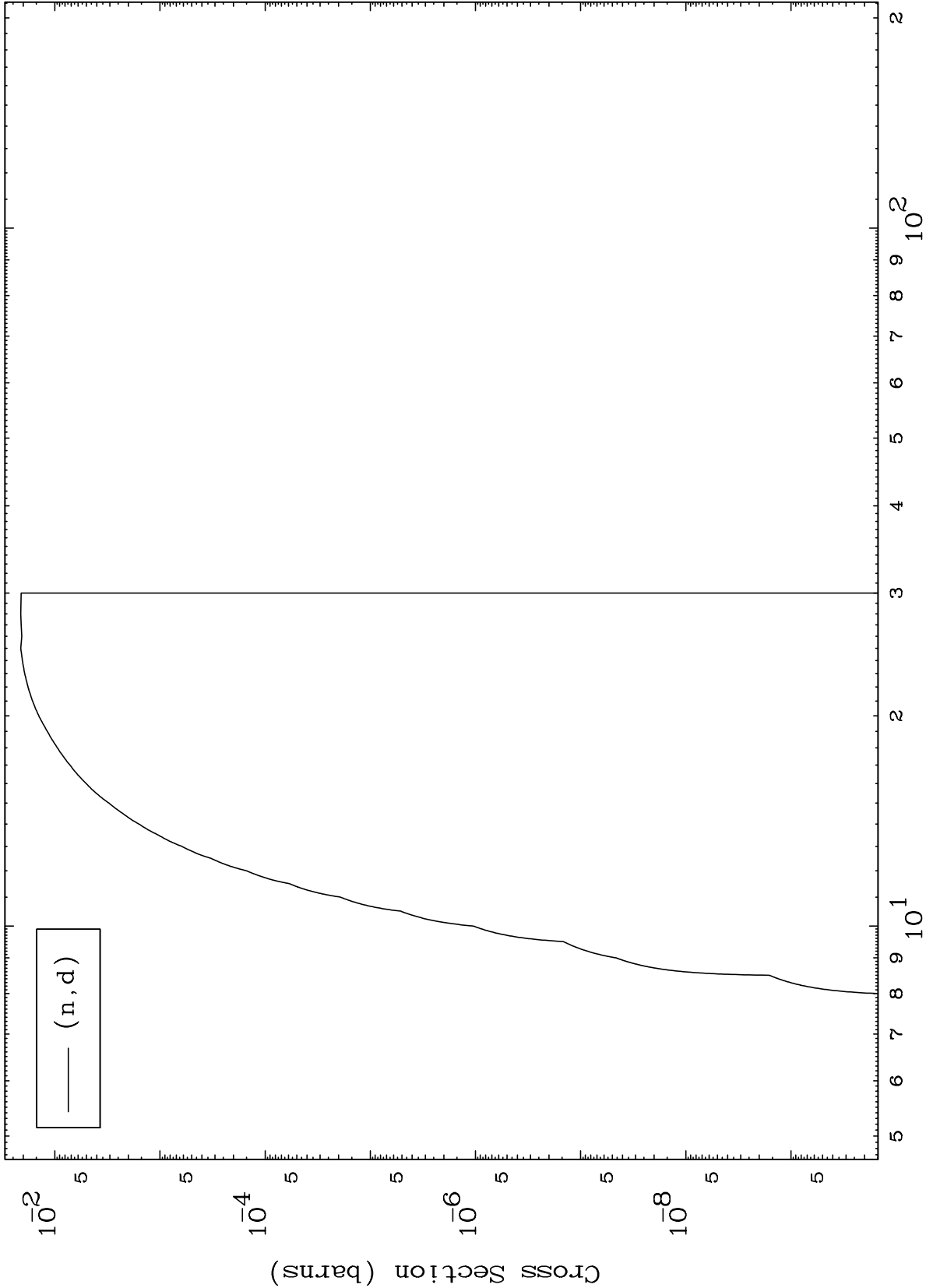




MAT 5628

(n,d) Levels
293 Kelvin Cross Sections

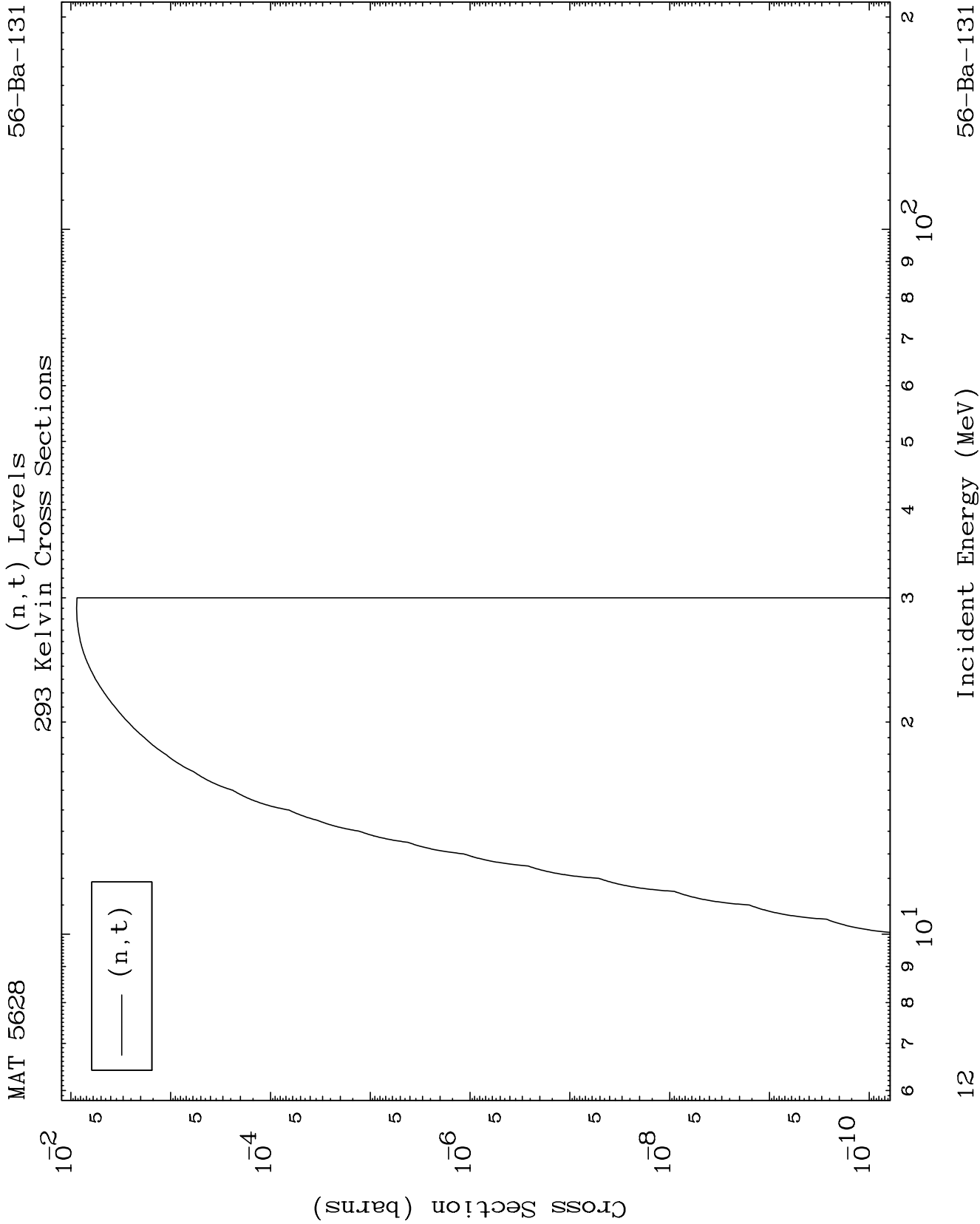
56-Ba-131



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Incident Energy (MeV)

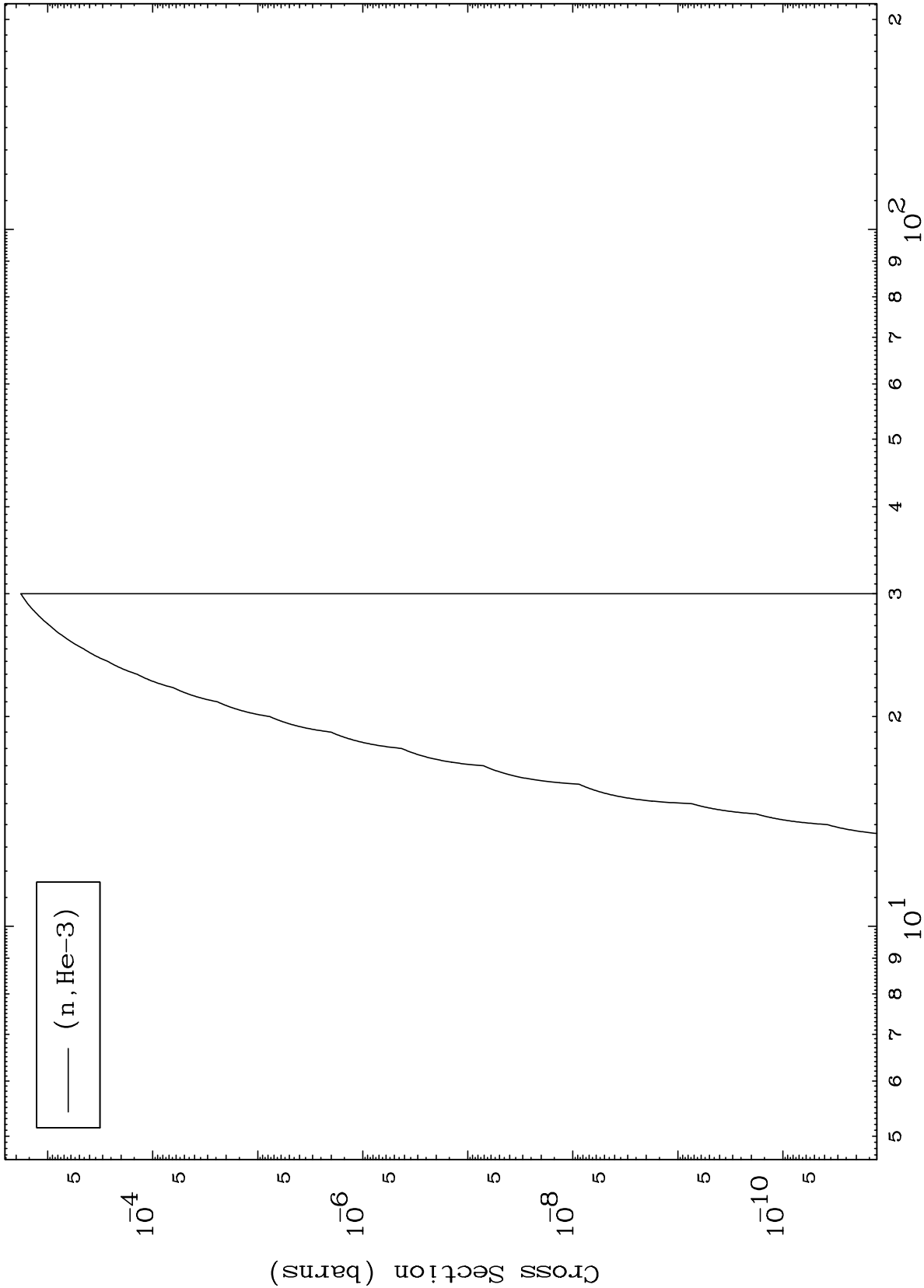
56-Ba-131



MAT 5628

(n,He3) Levels
293 Kelvin Cross Sections

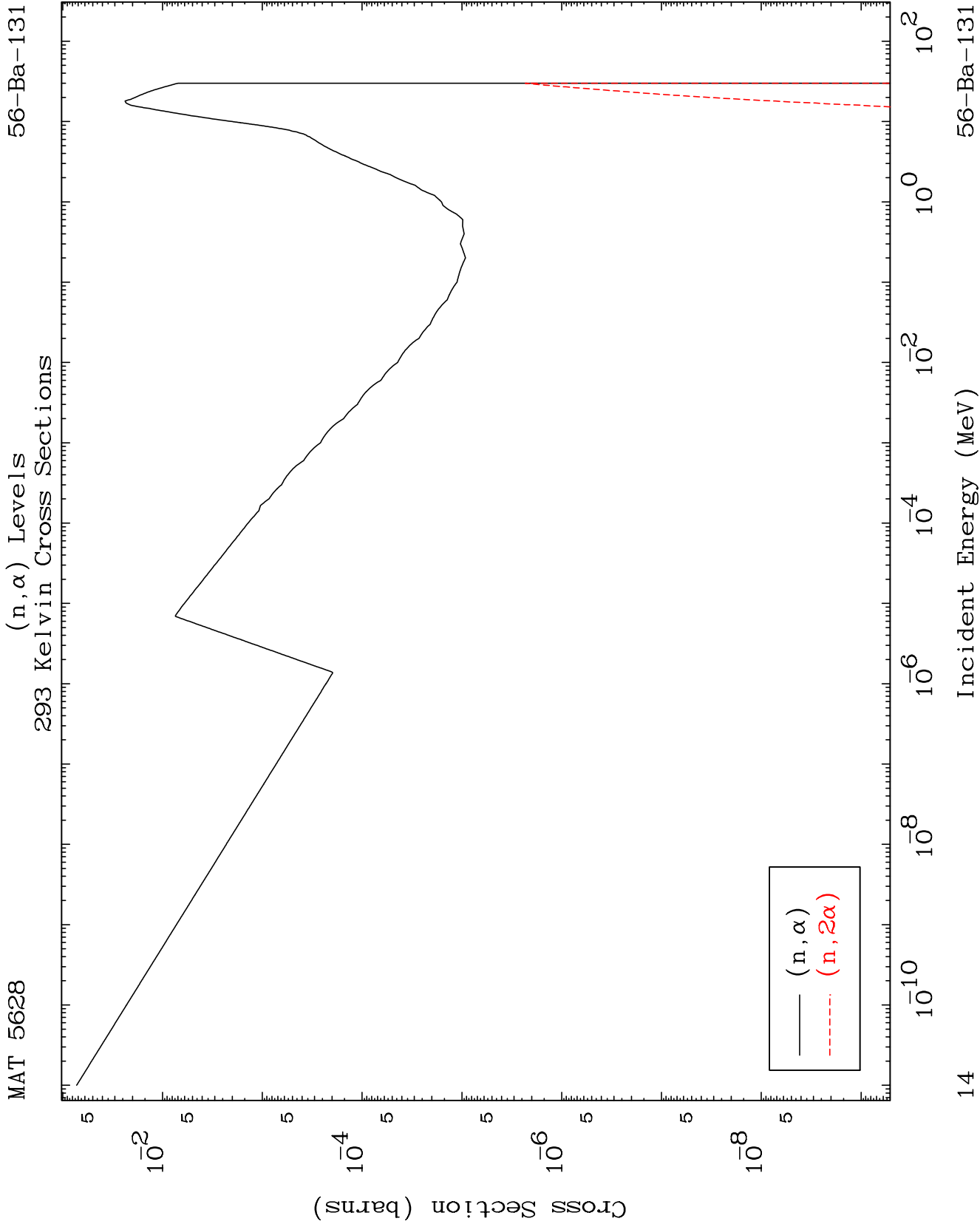
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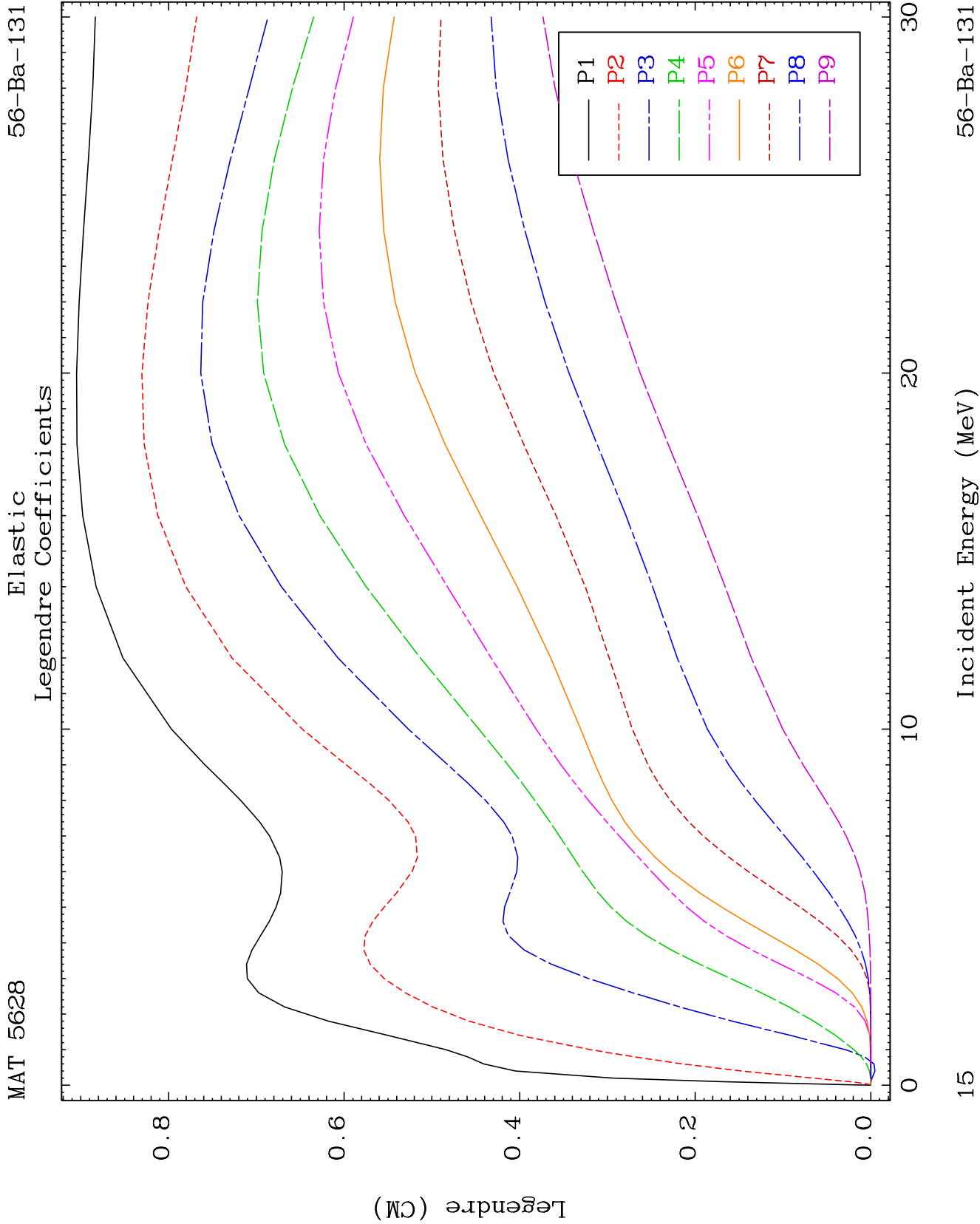


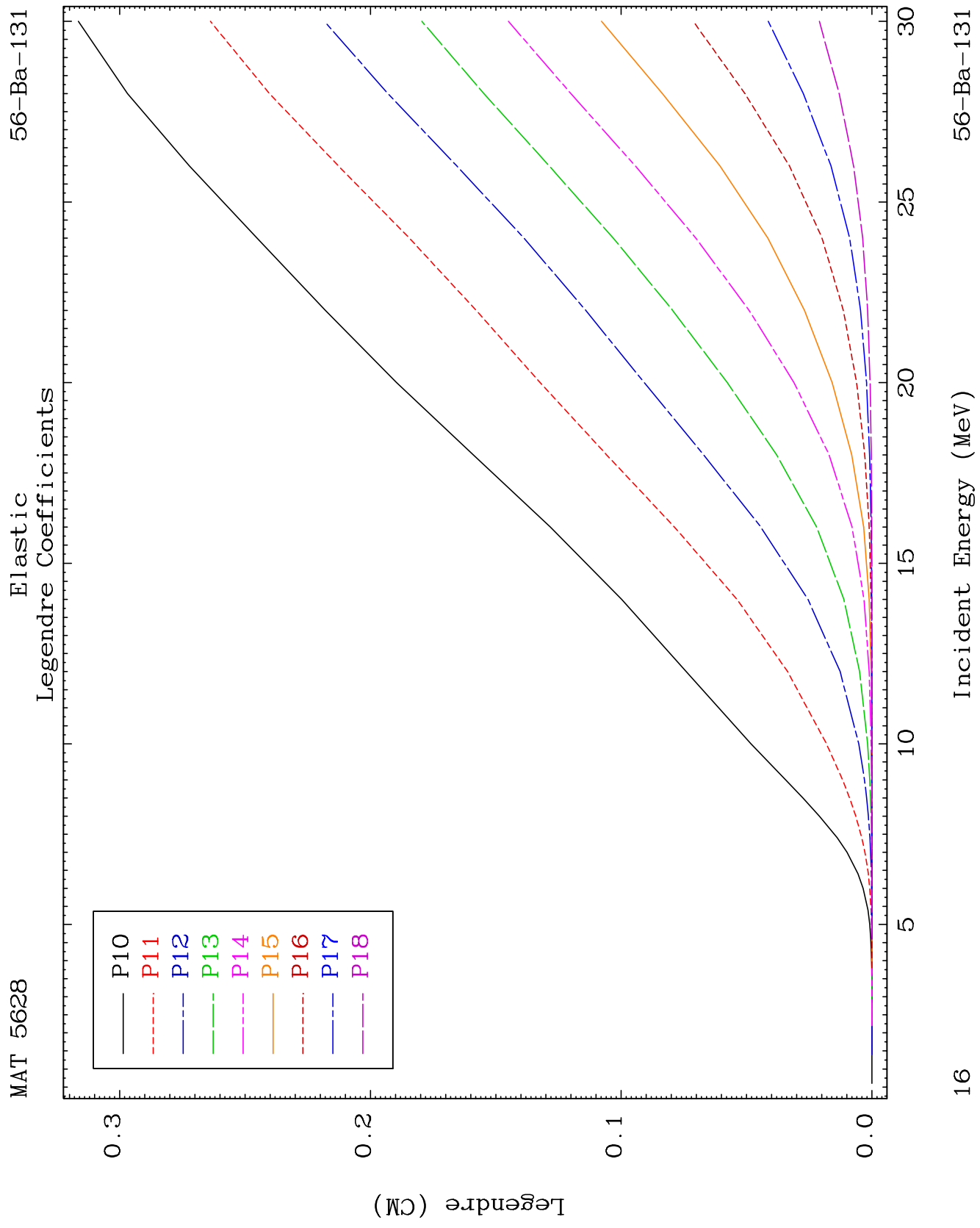
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Incident Energy (MeV)

56-Ba-131



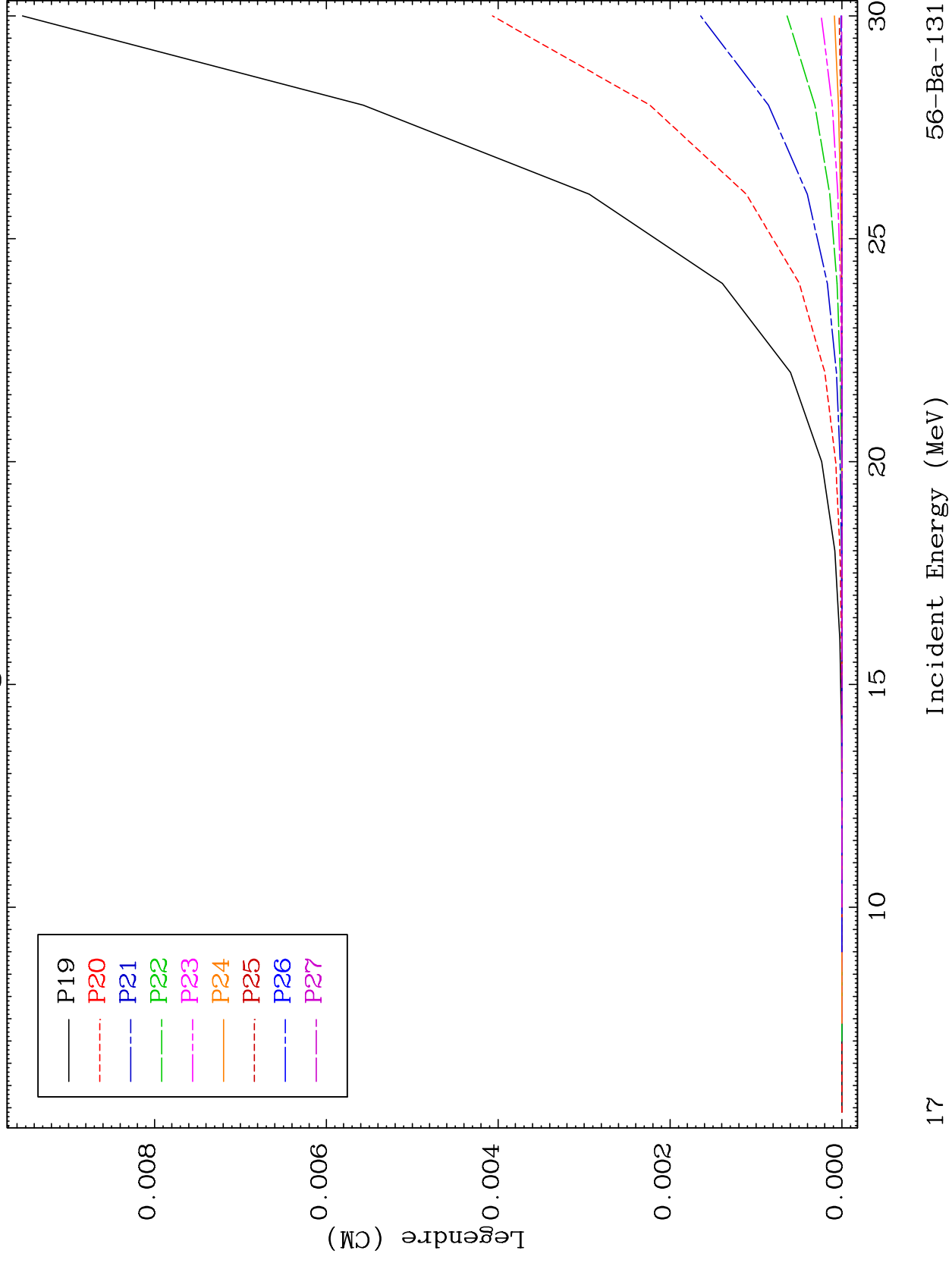


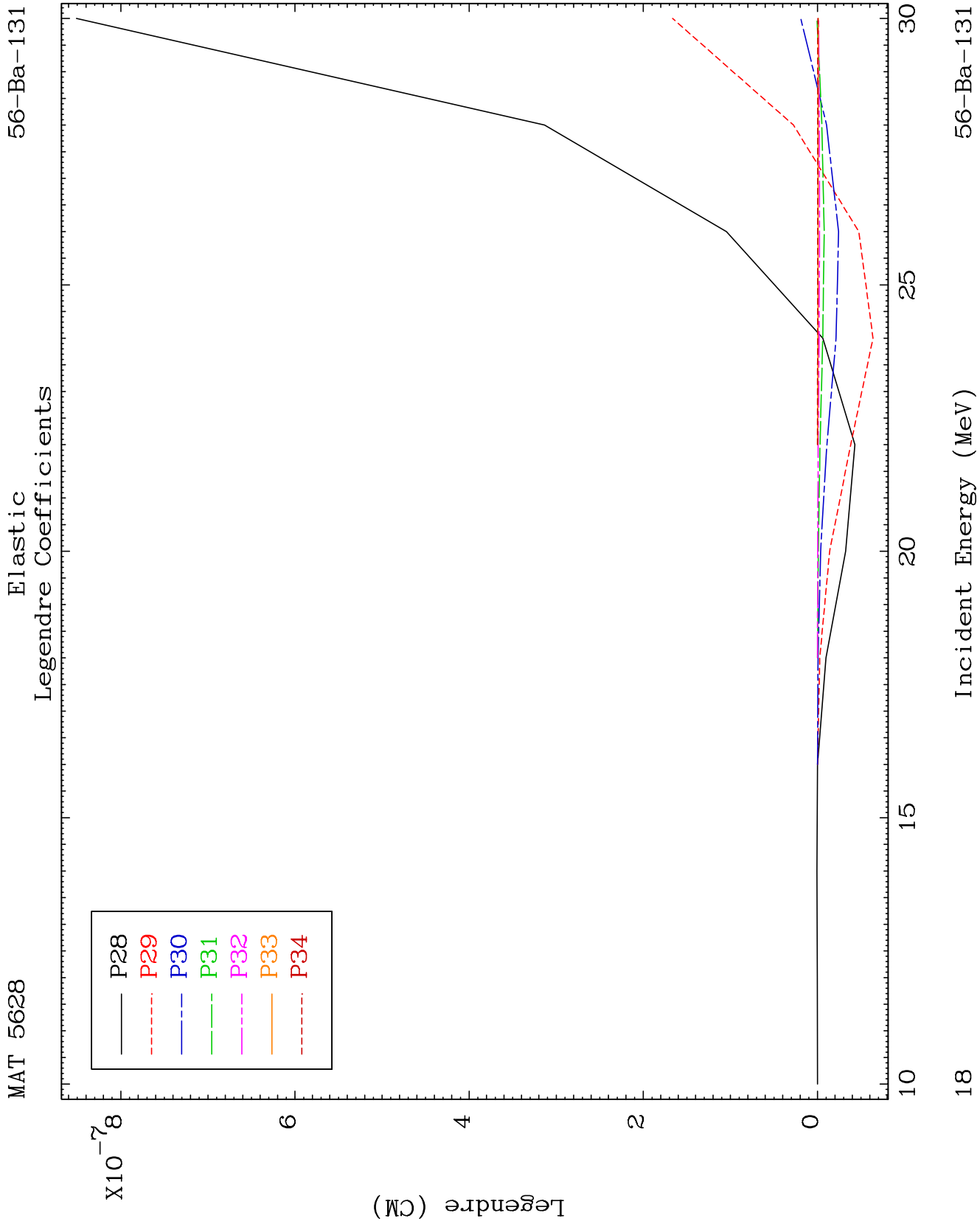


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Elastic Legendre Coefficients

56-Ba-131

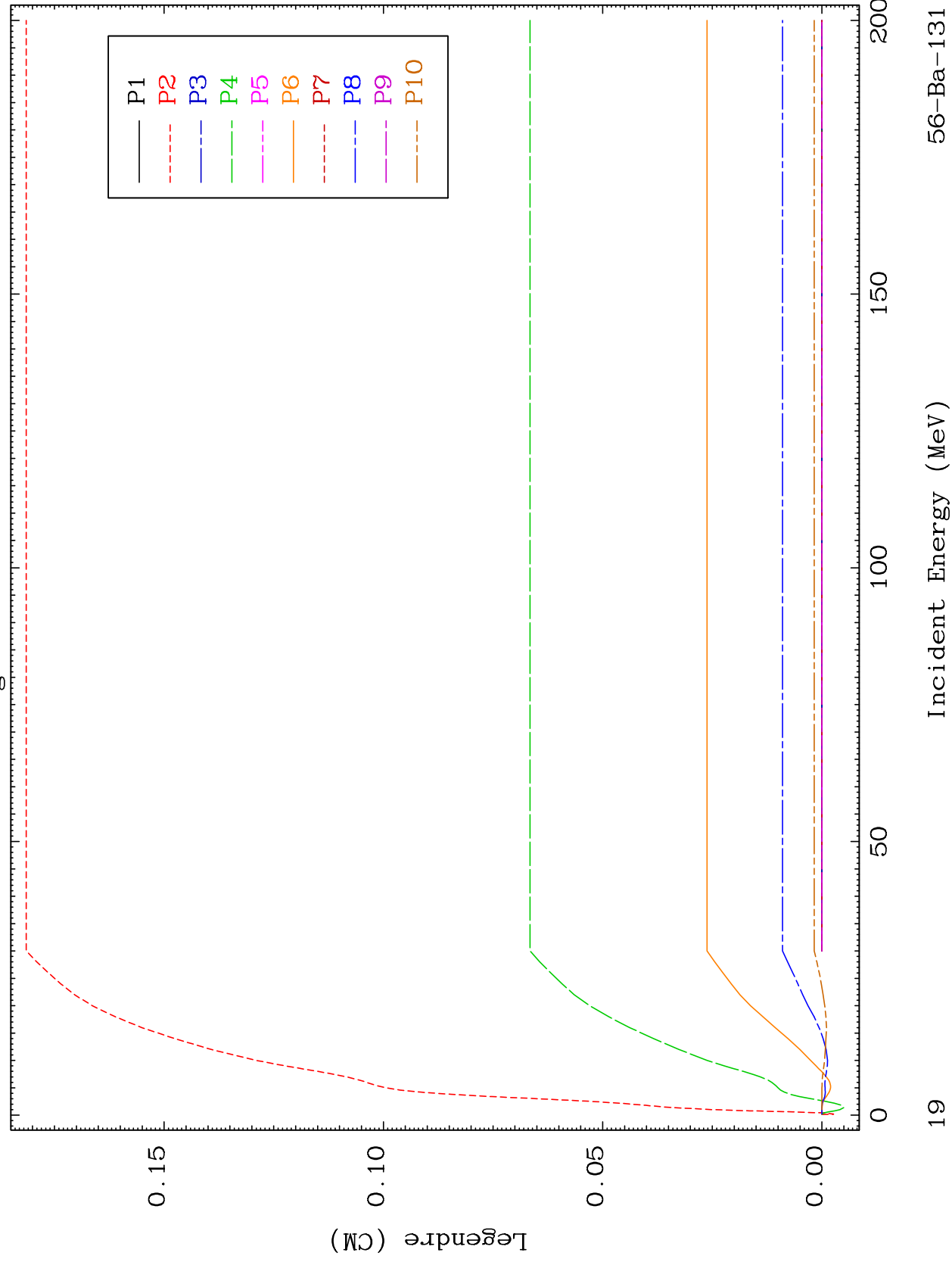


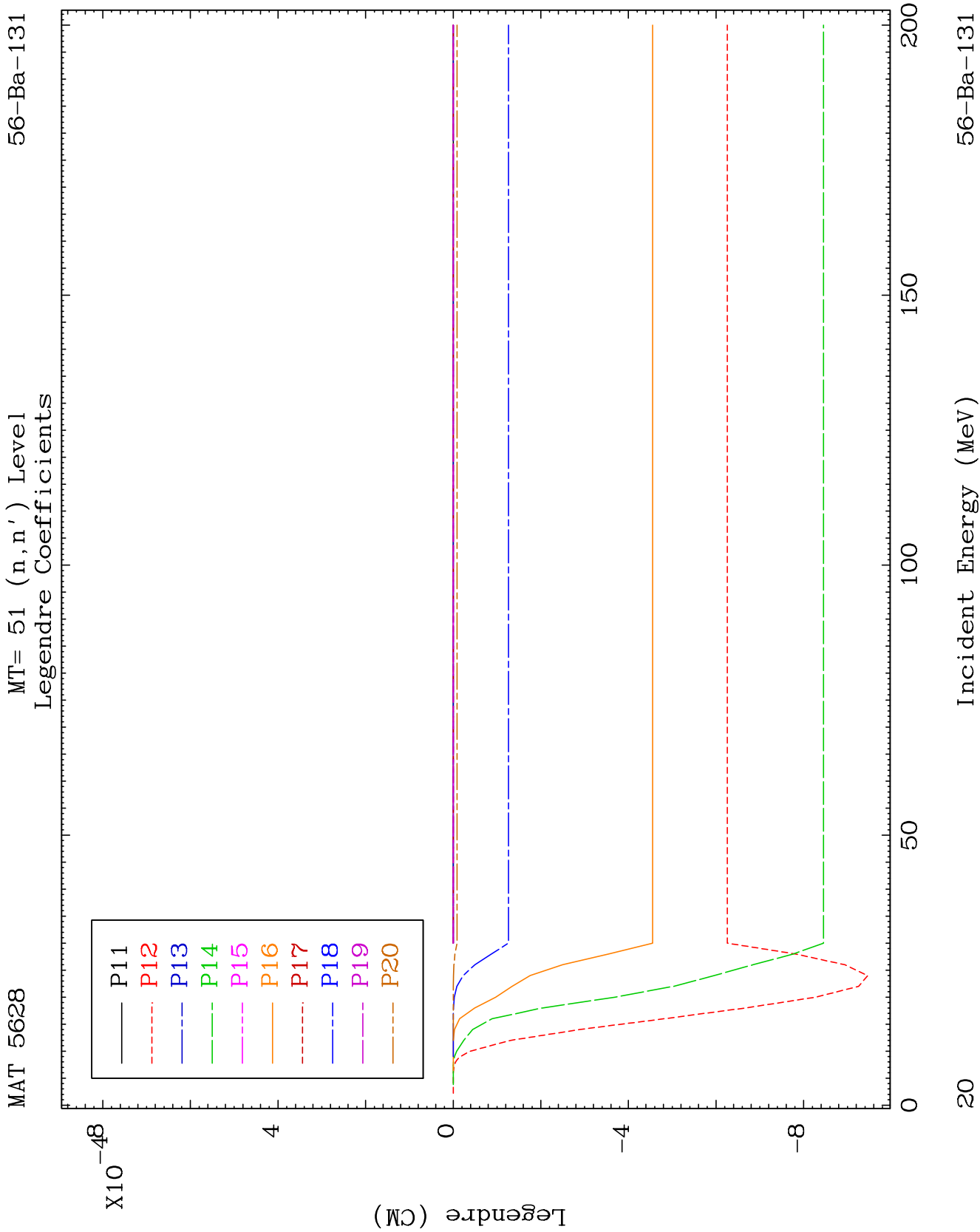


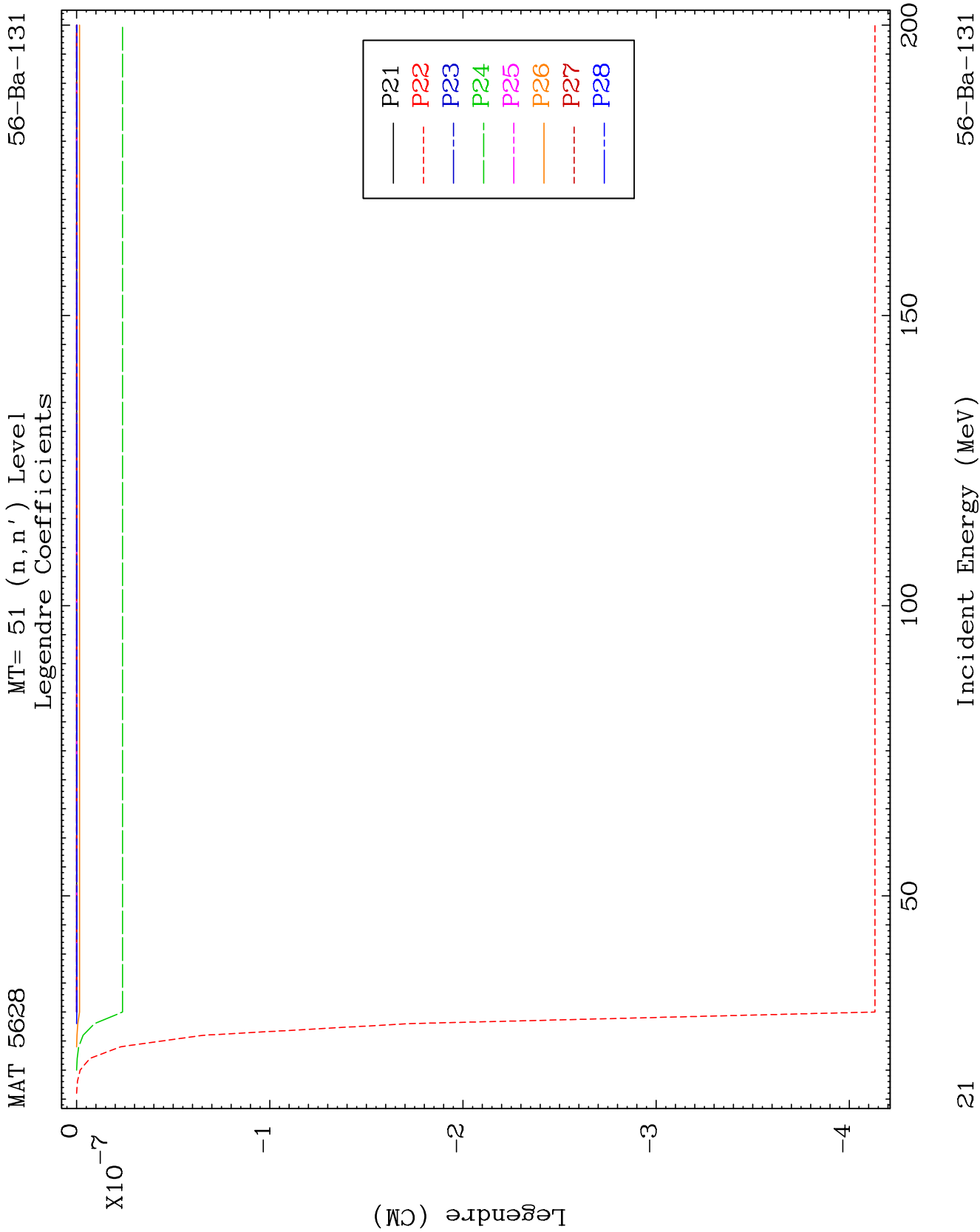
MAT 5628

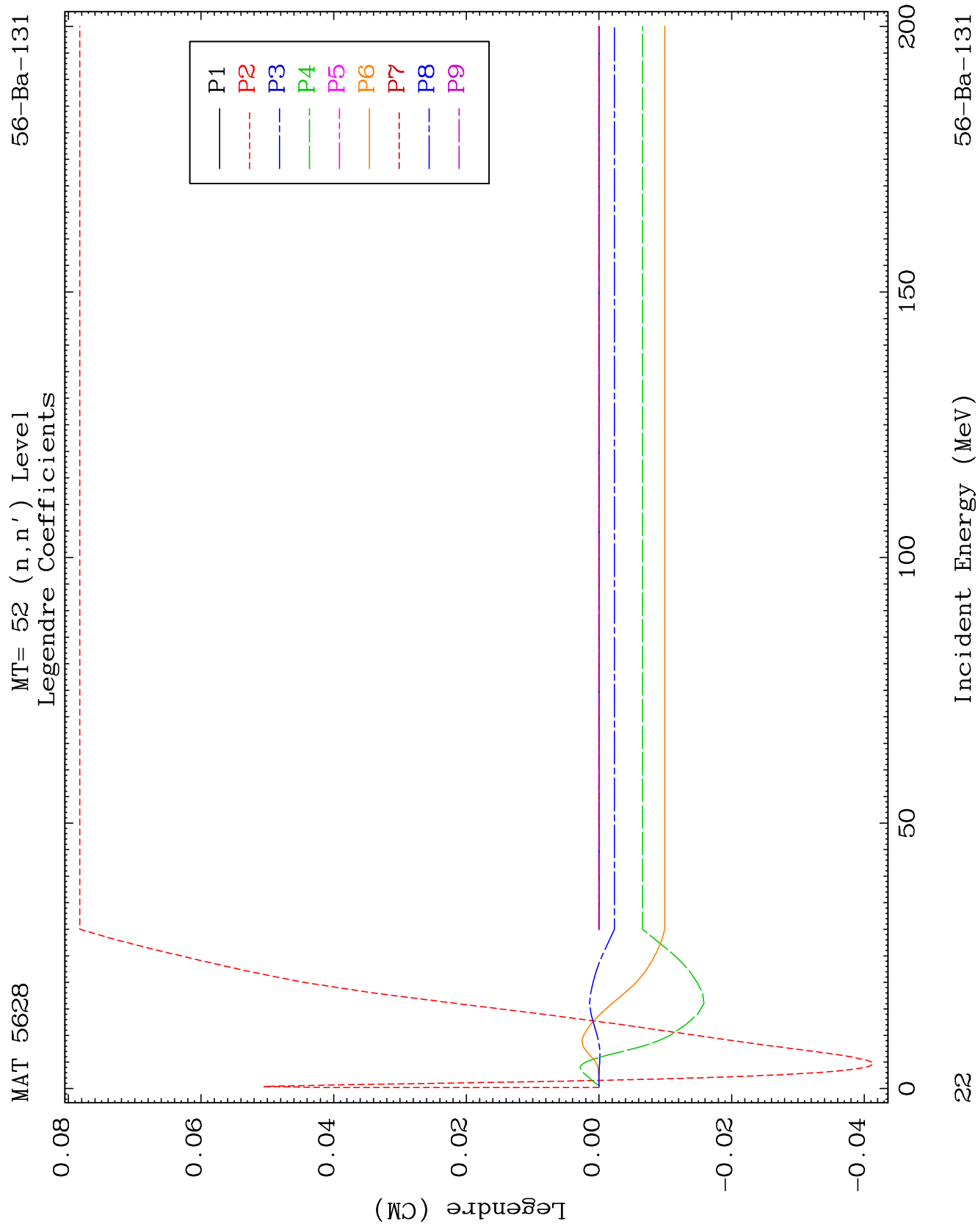
MT= 51 (n, n') Level
Legendre Coefficients

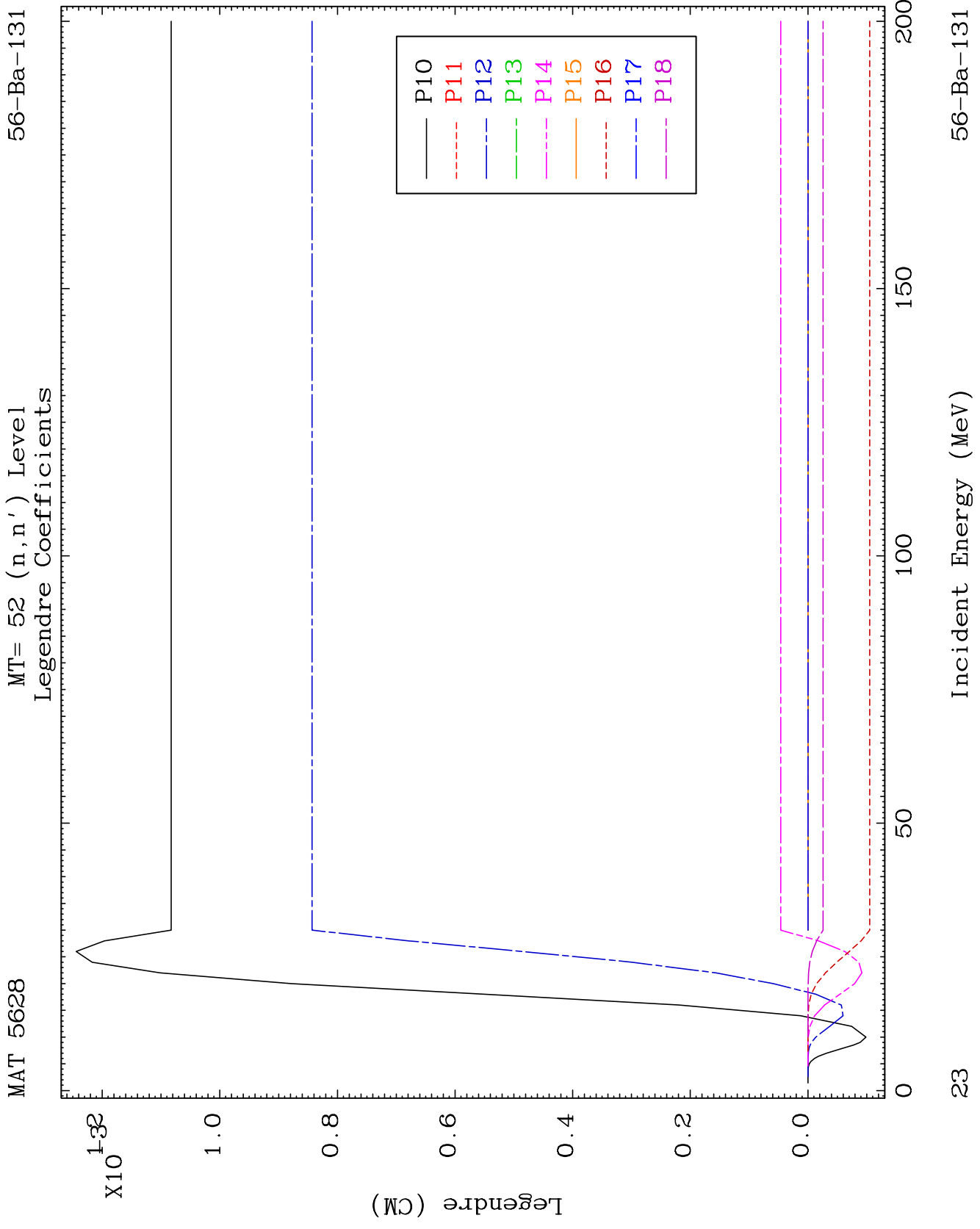
56-Ba-131

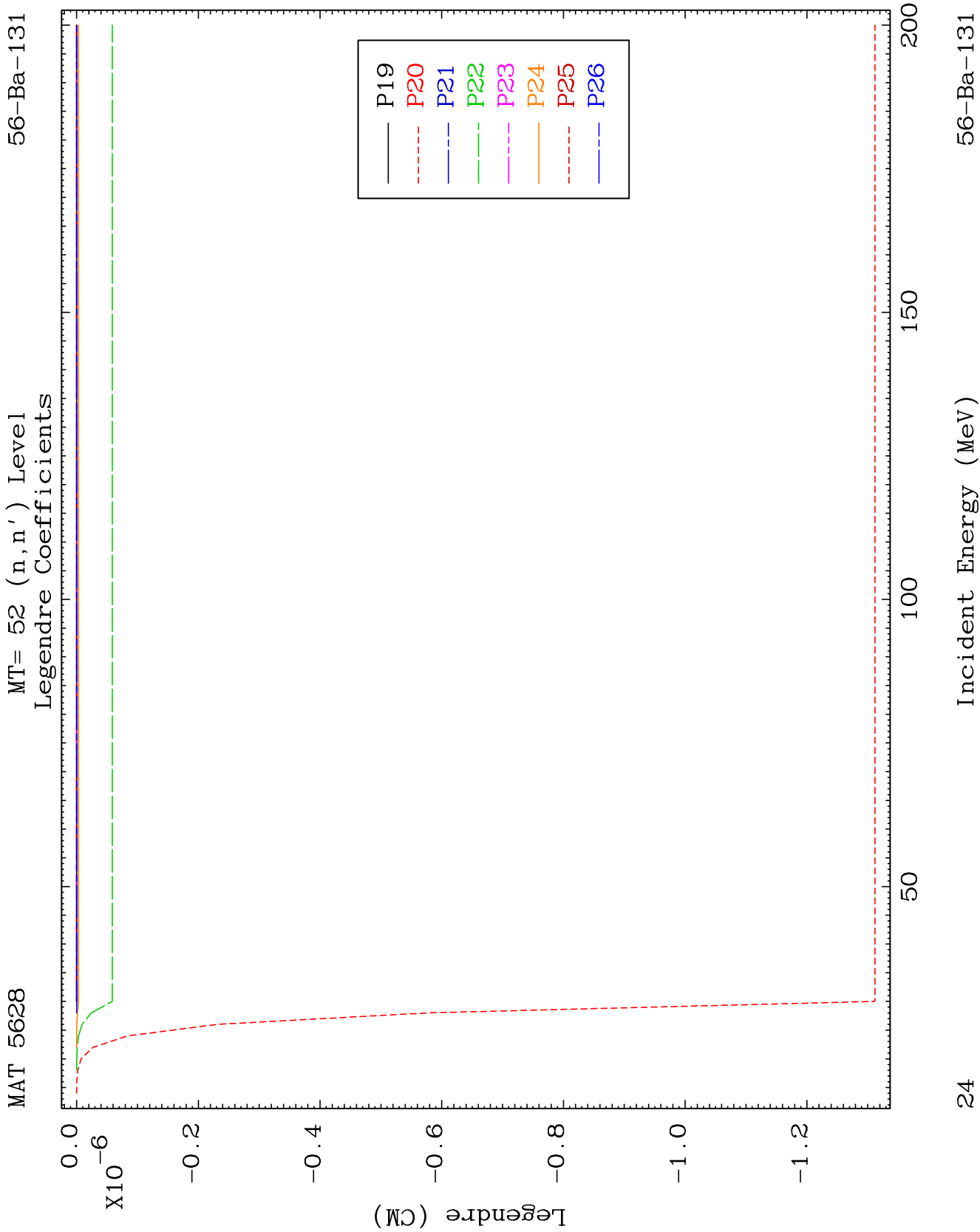


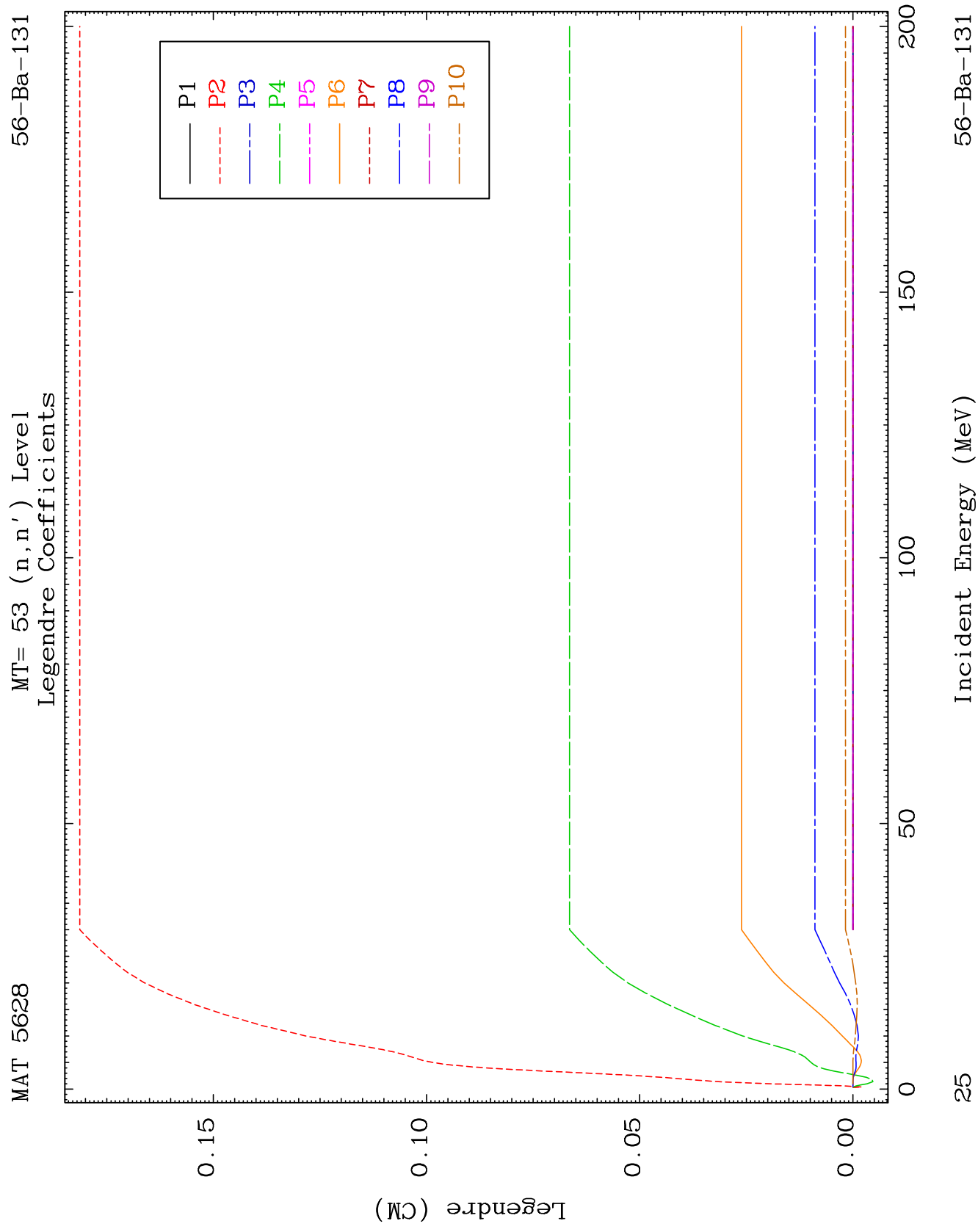


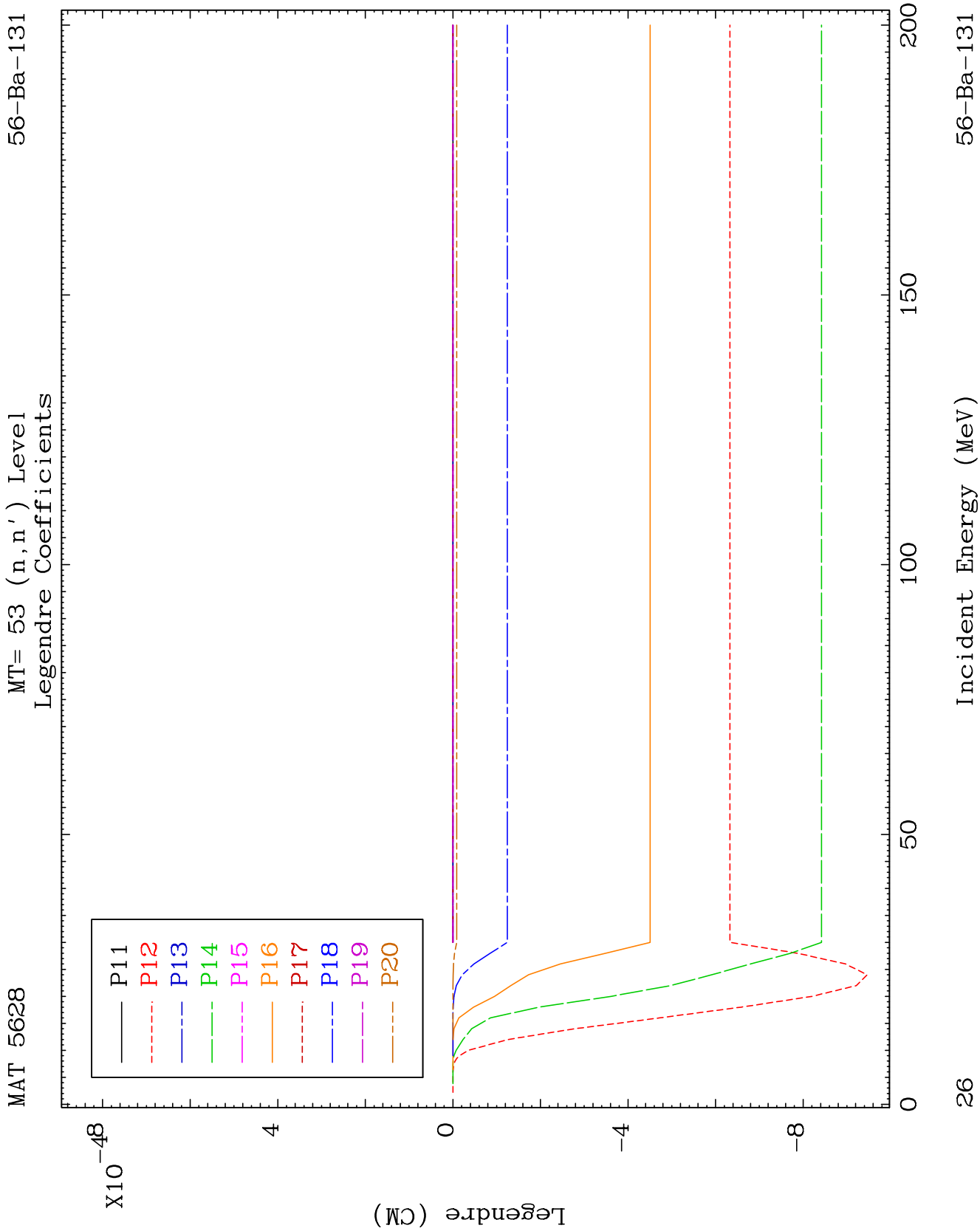


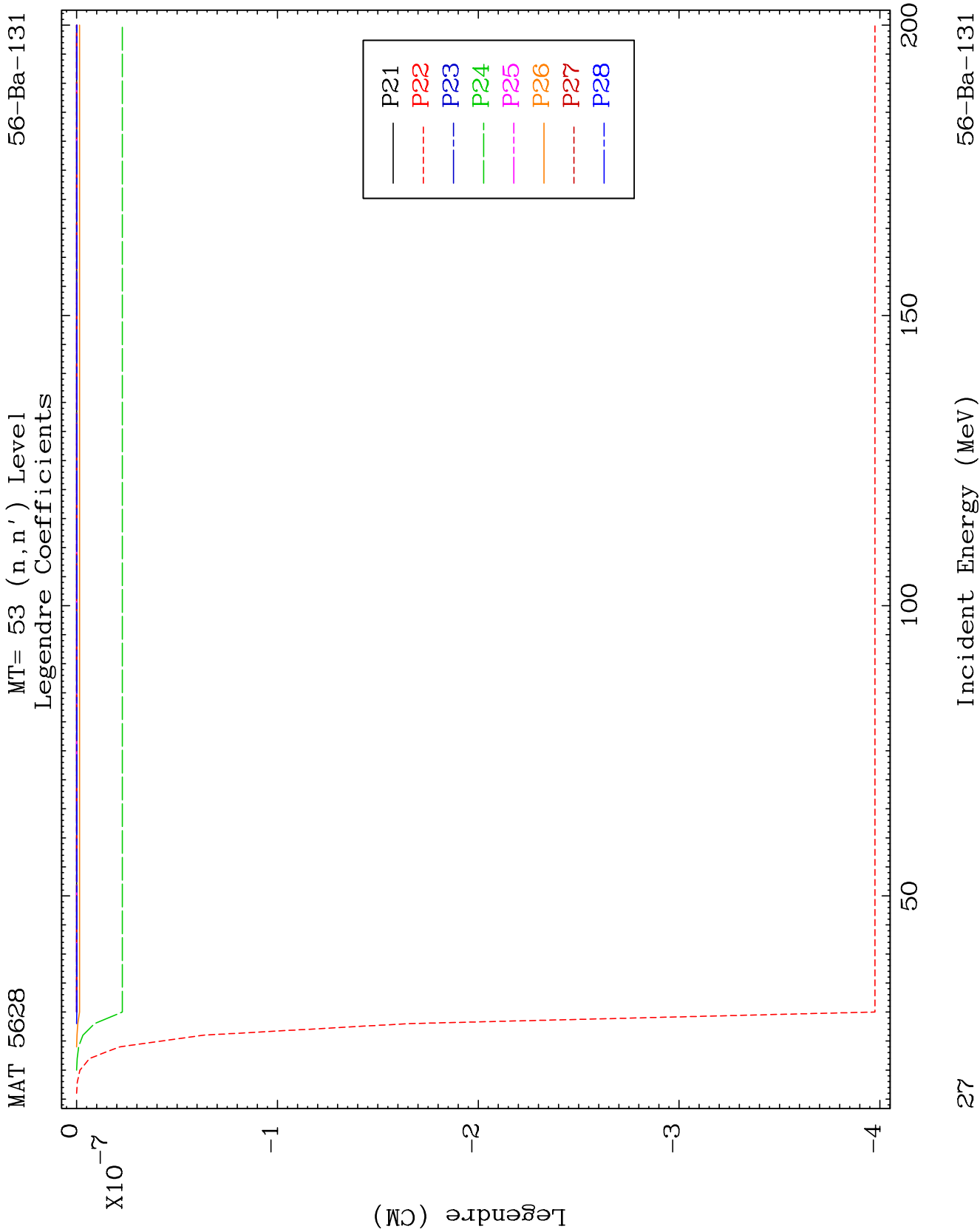








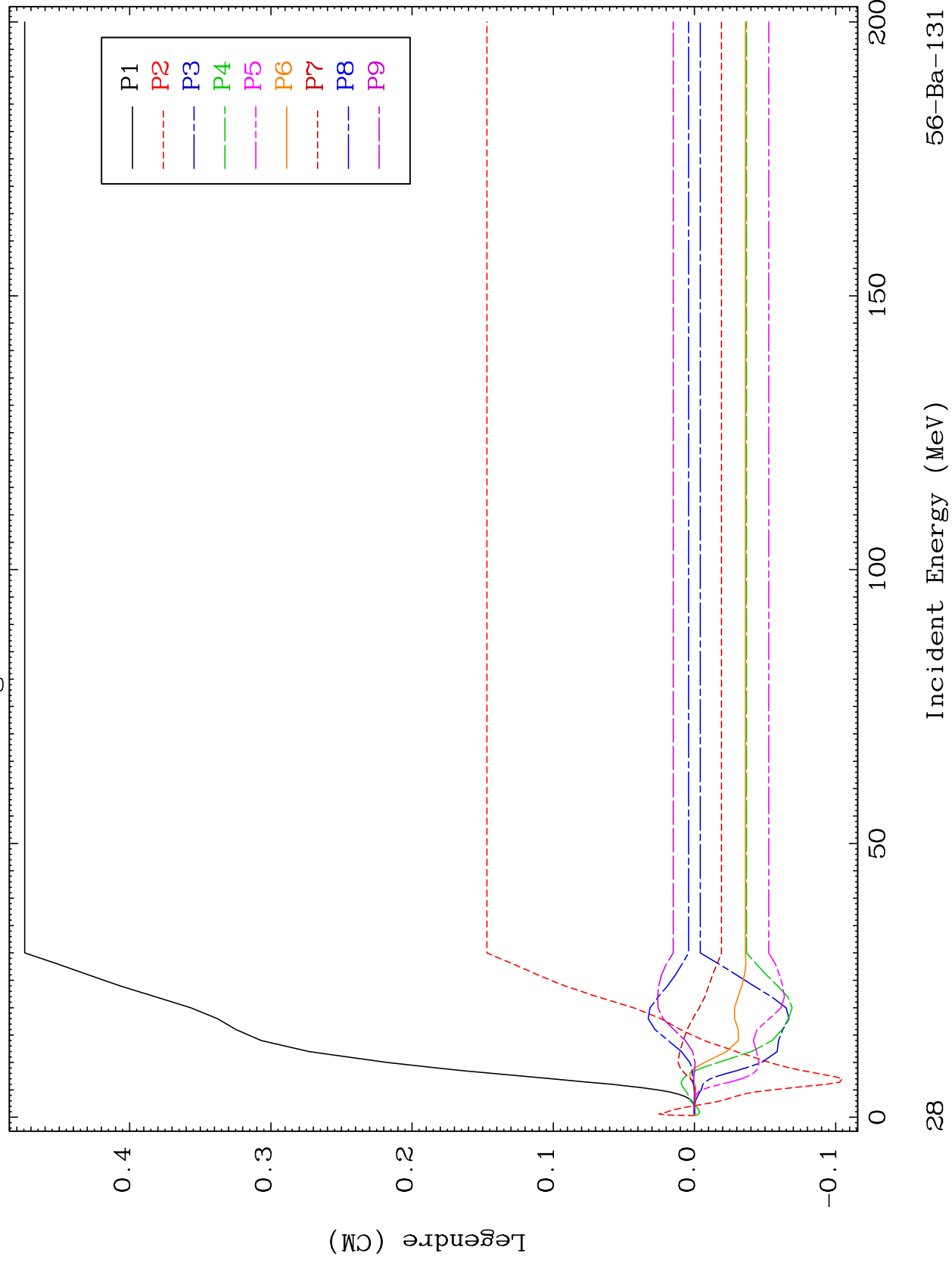




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MT= 54 (n, n') Level
Legendre Coefficients

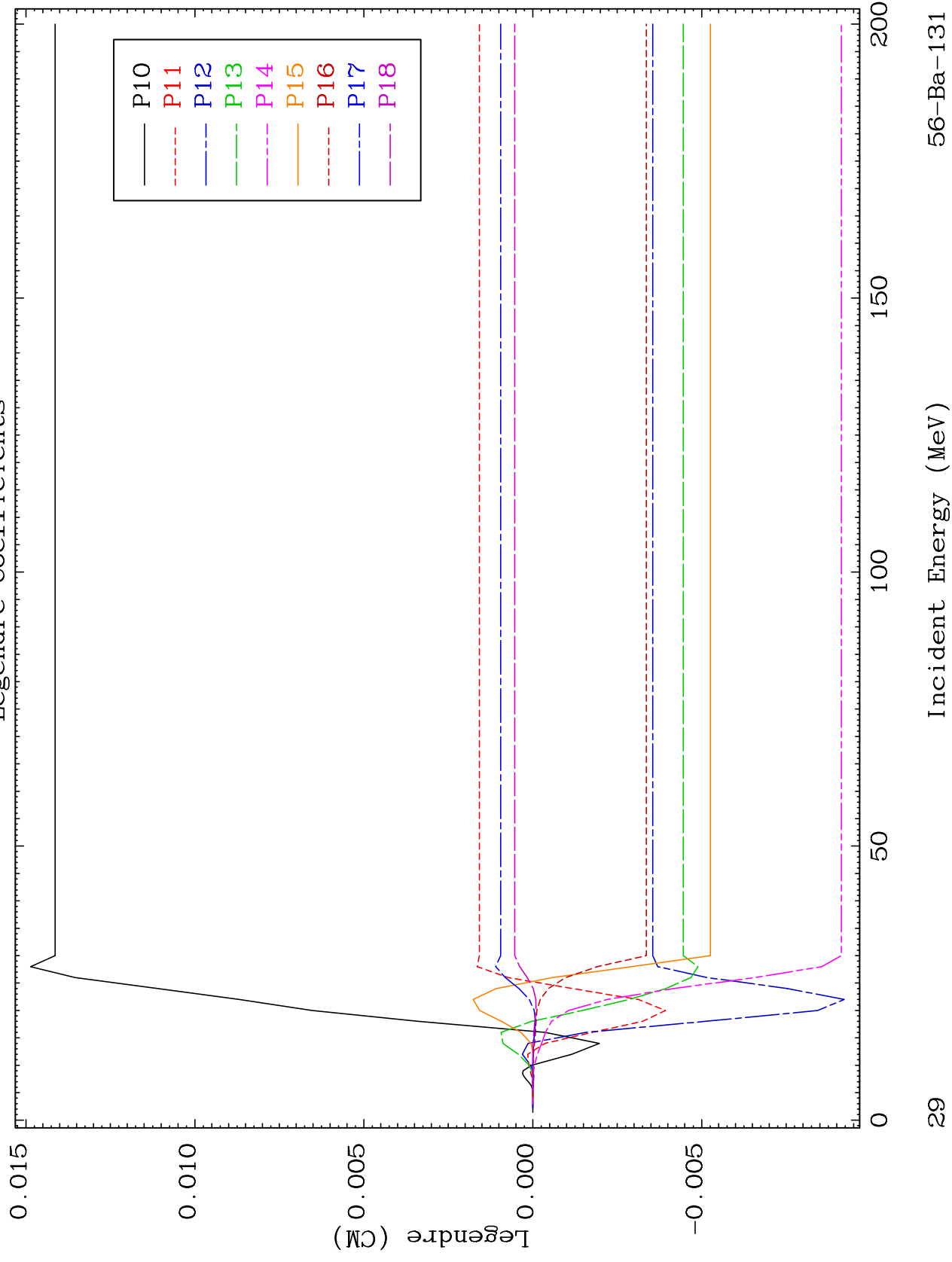
56-Ba-131

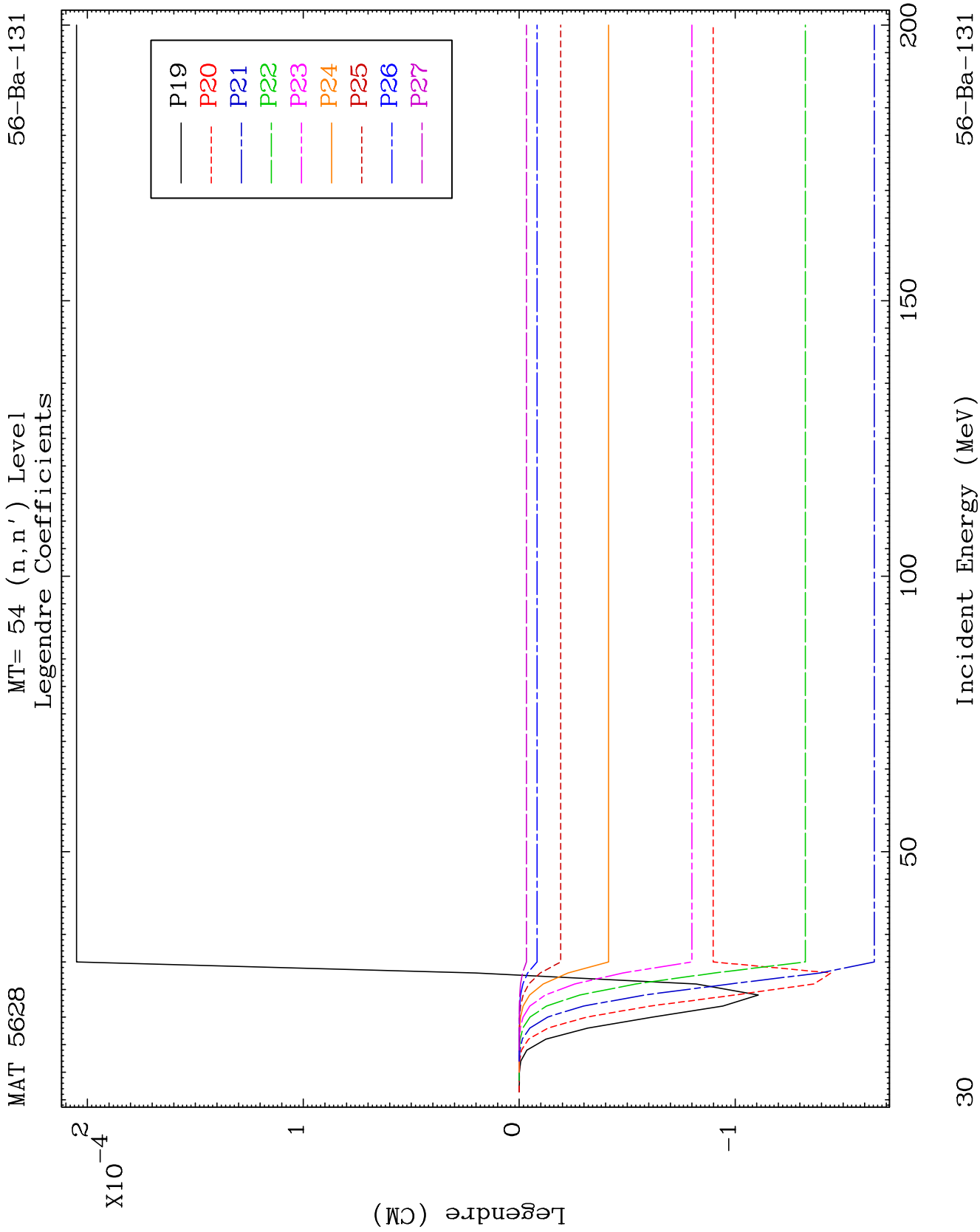


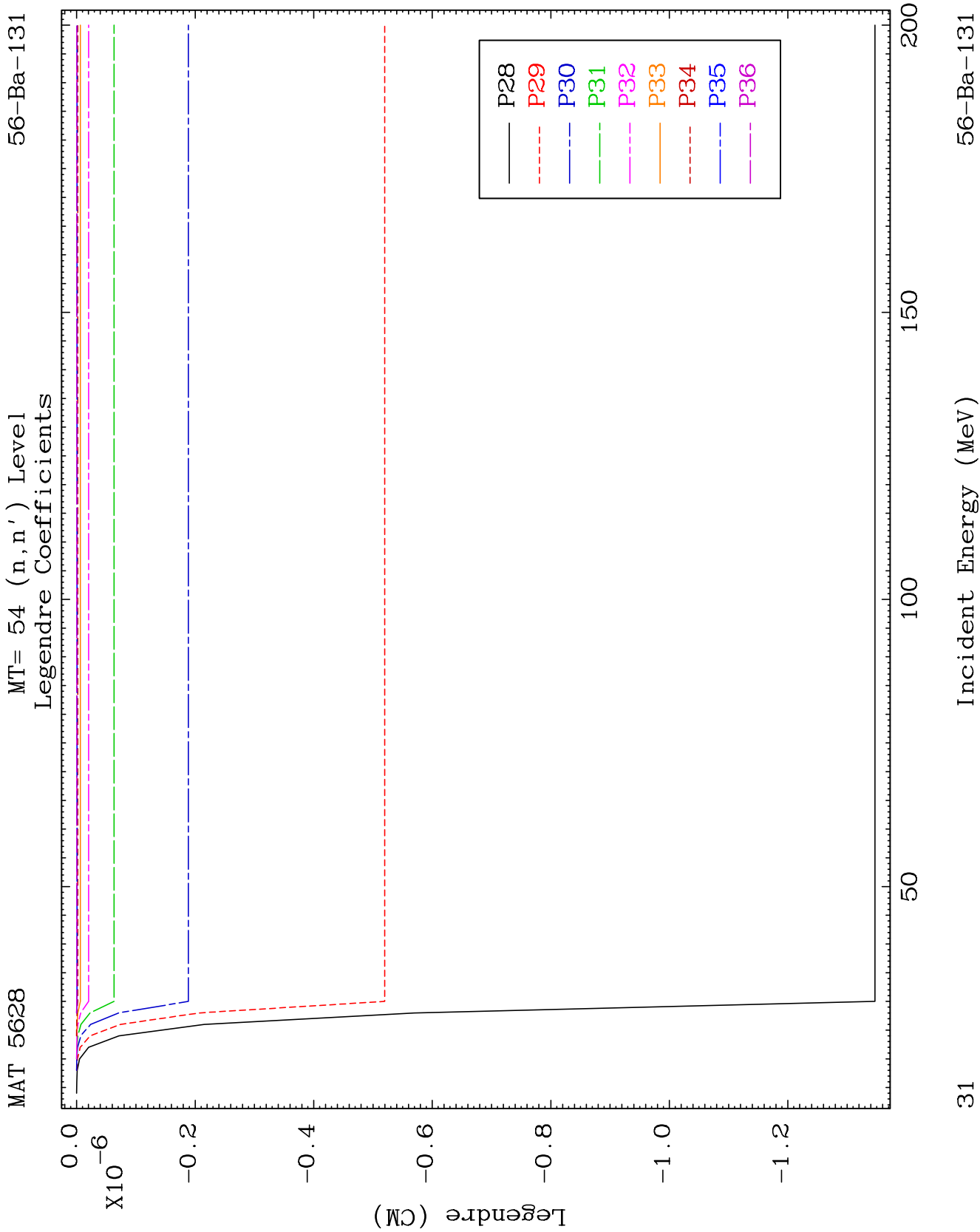
MAT 5628

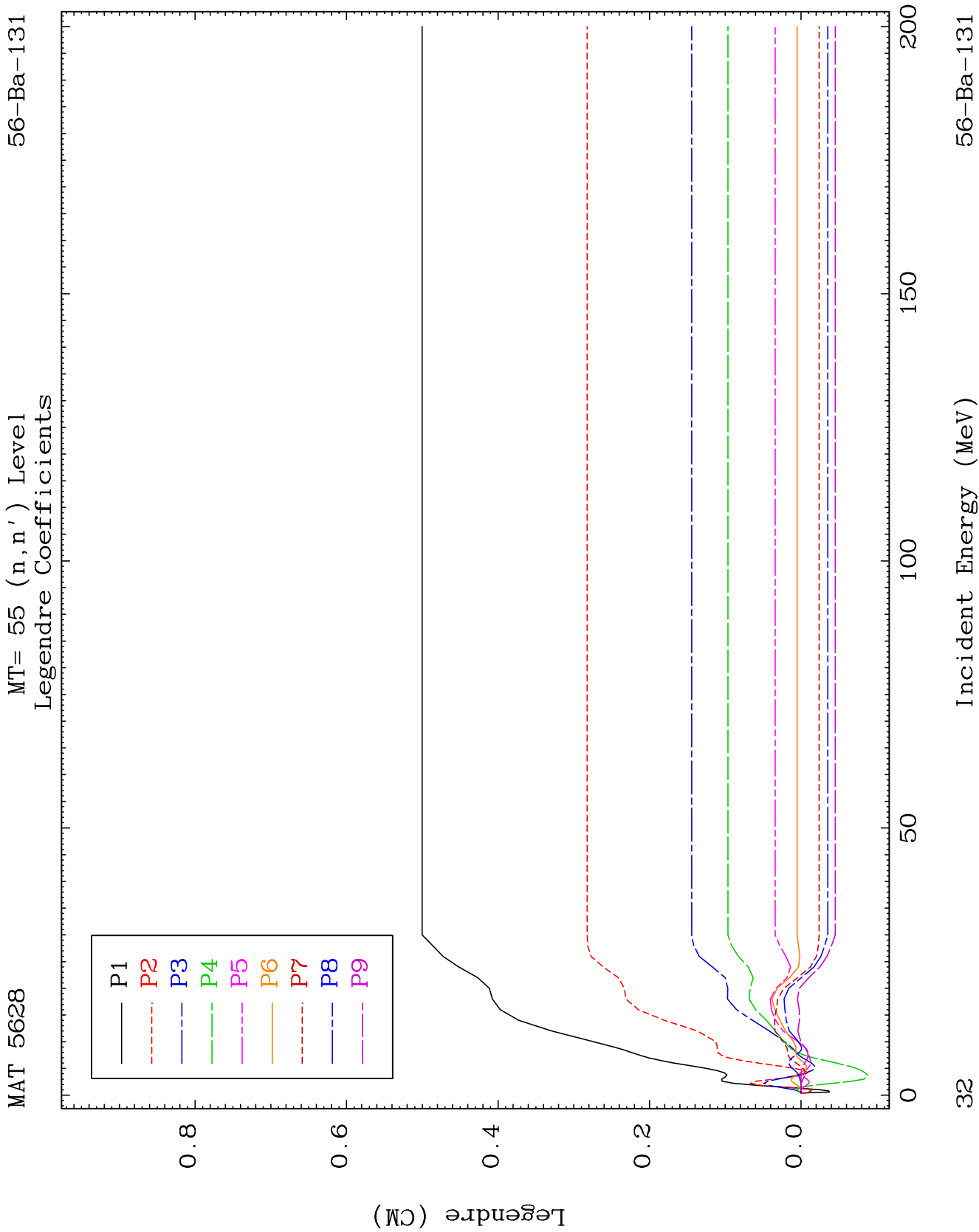
MT= 54 (n, n') Level
Legendre Coefficients

56-Ba-131





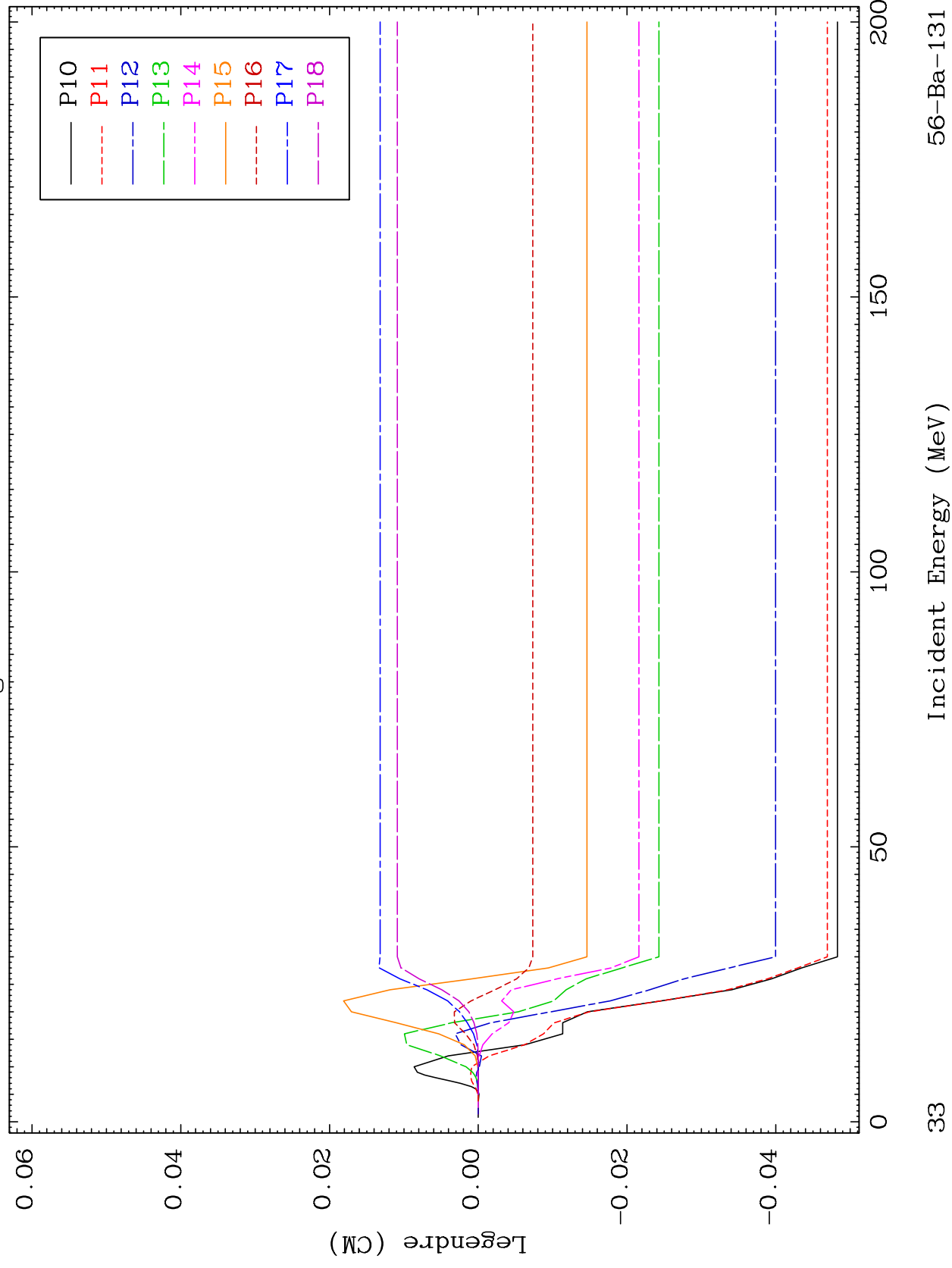


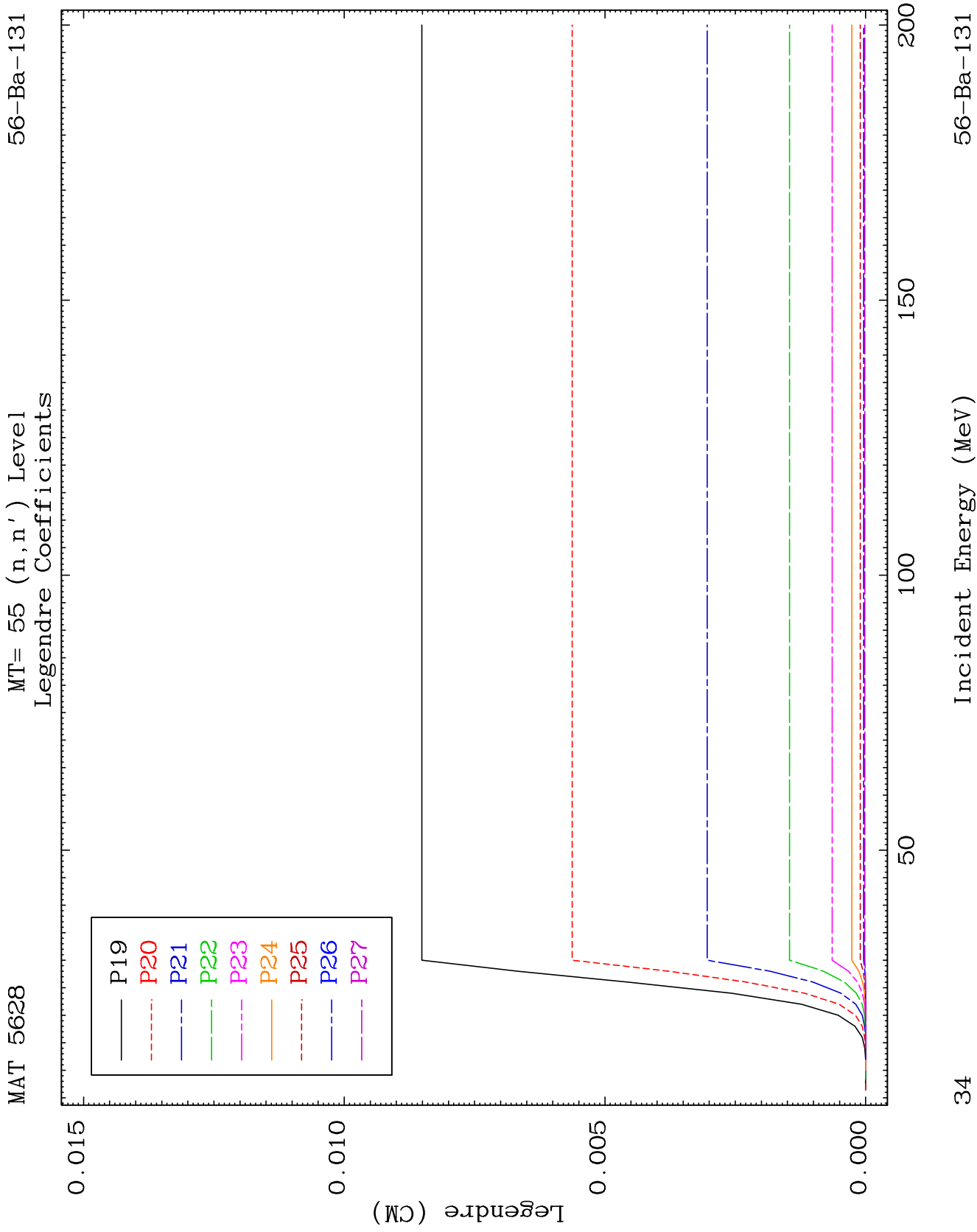


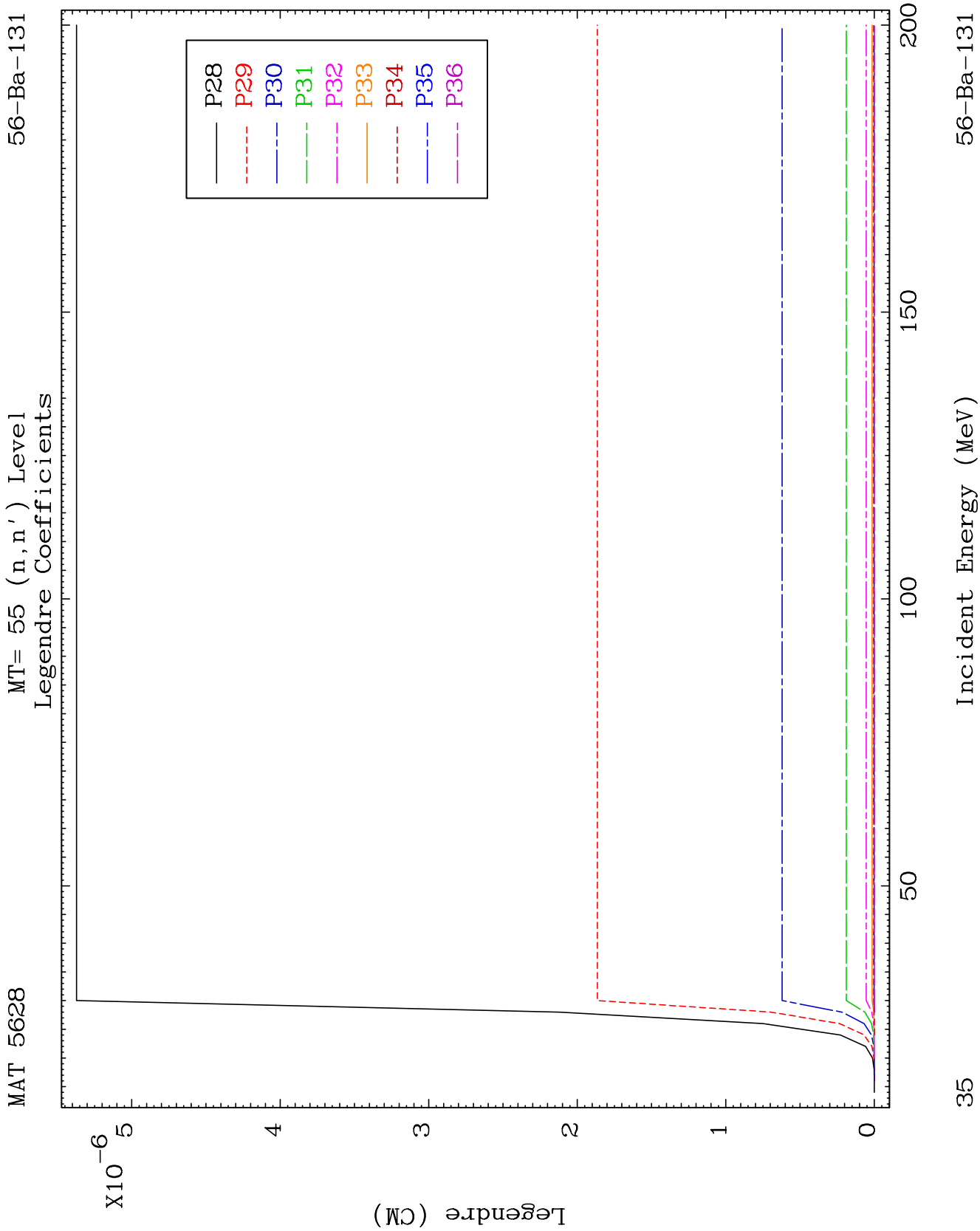
MAT 5628

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

56-Ba-131



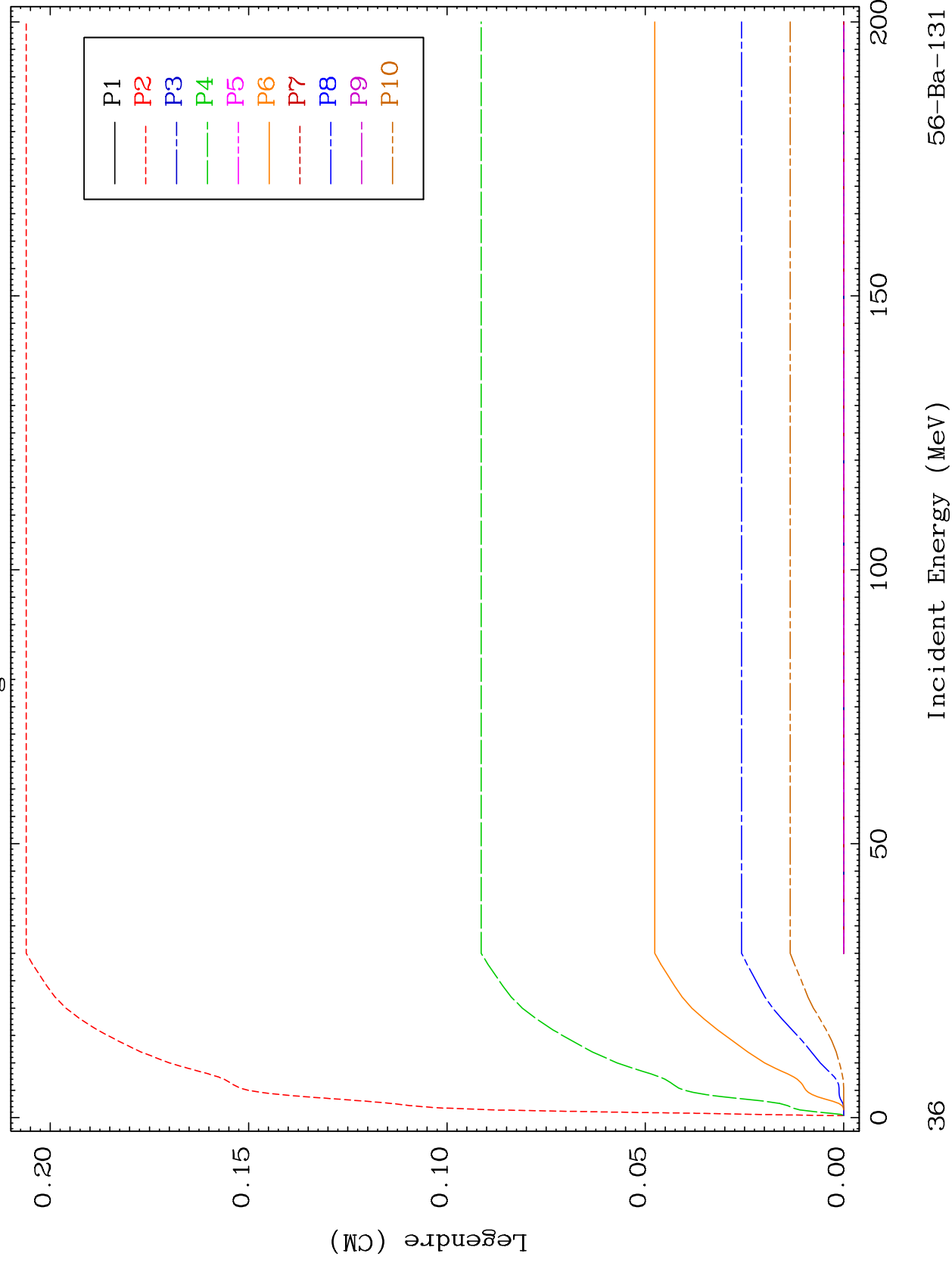




MAT 5628

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

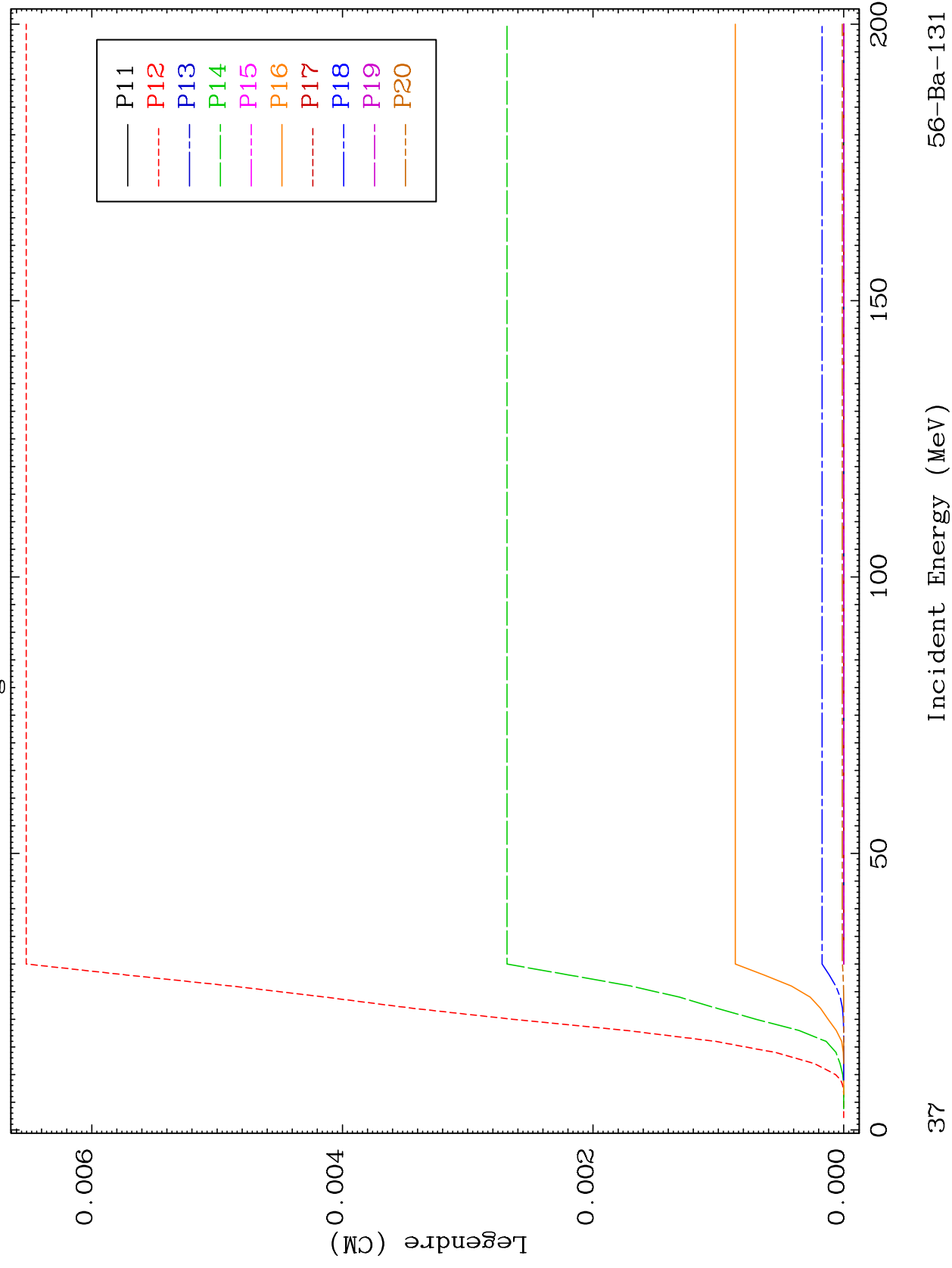
56-Ba-131



MAT 5628

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

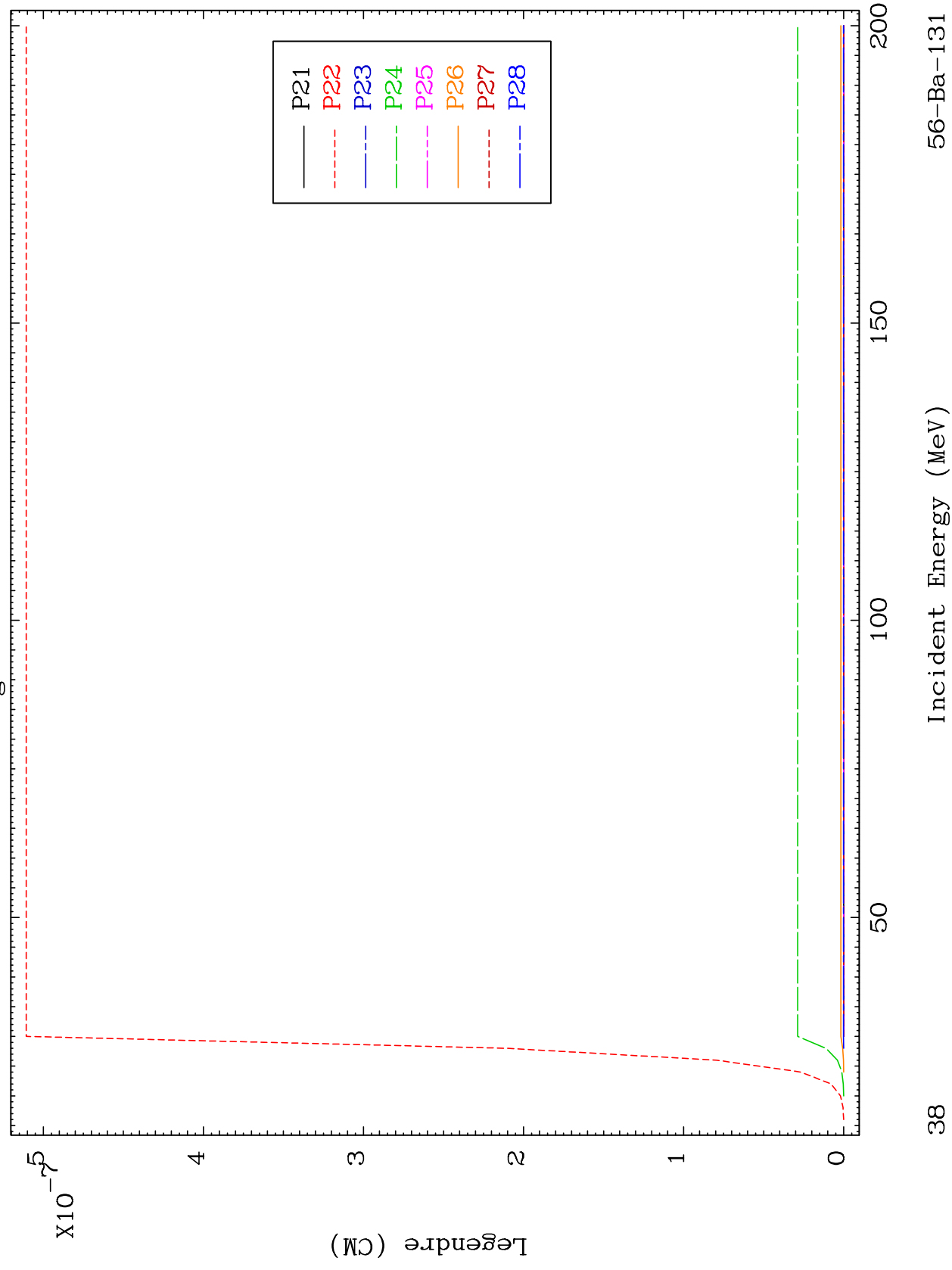
56-Ba-131

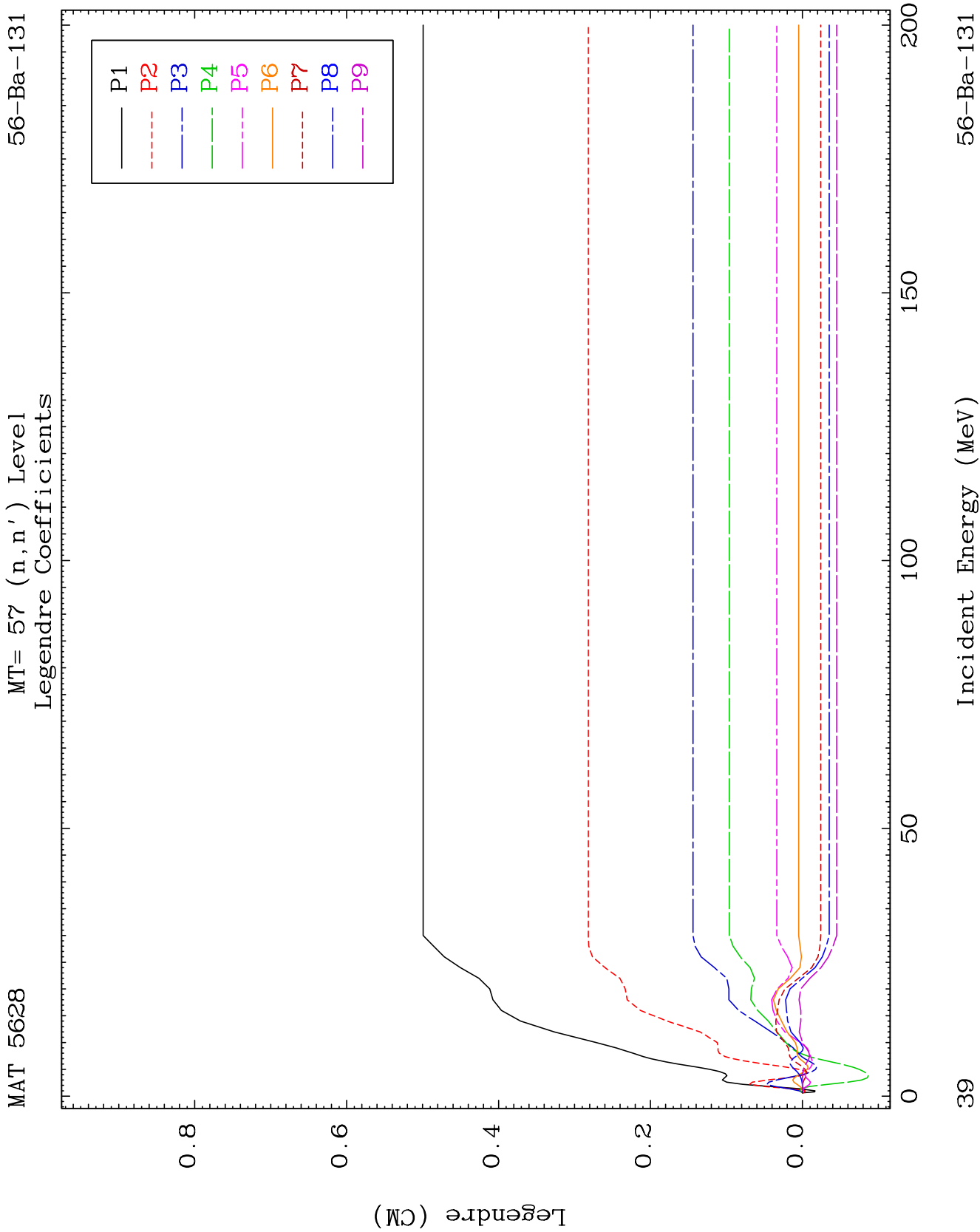


MAT 5628

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

56-Ba-131

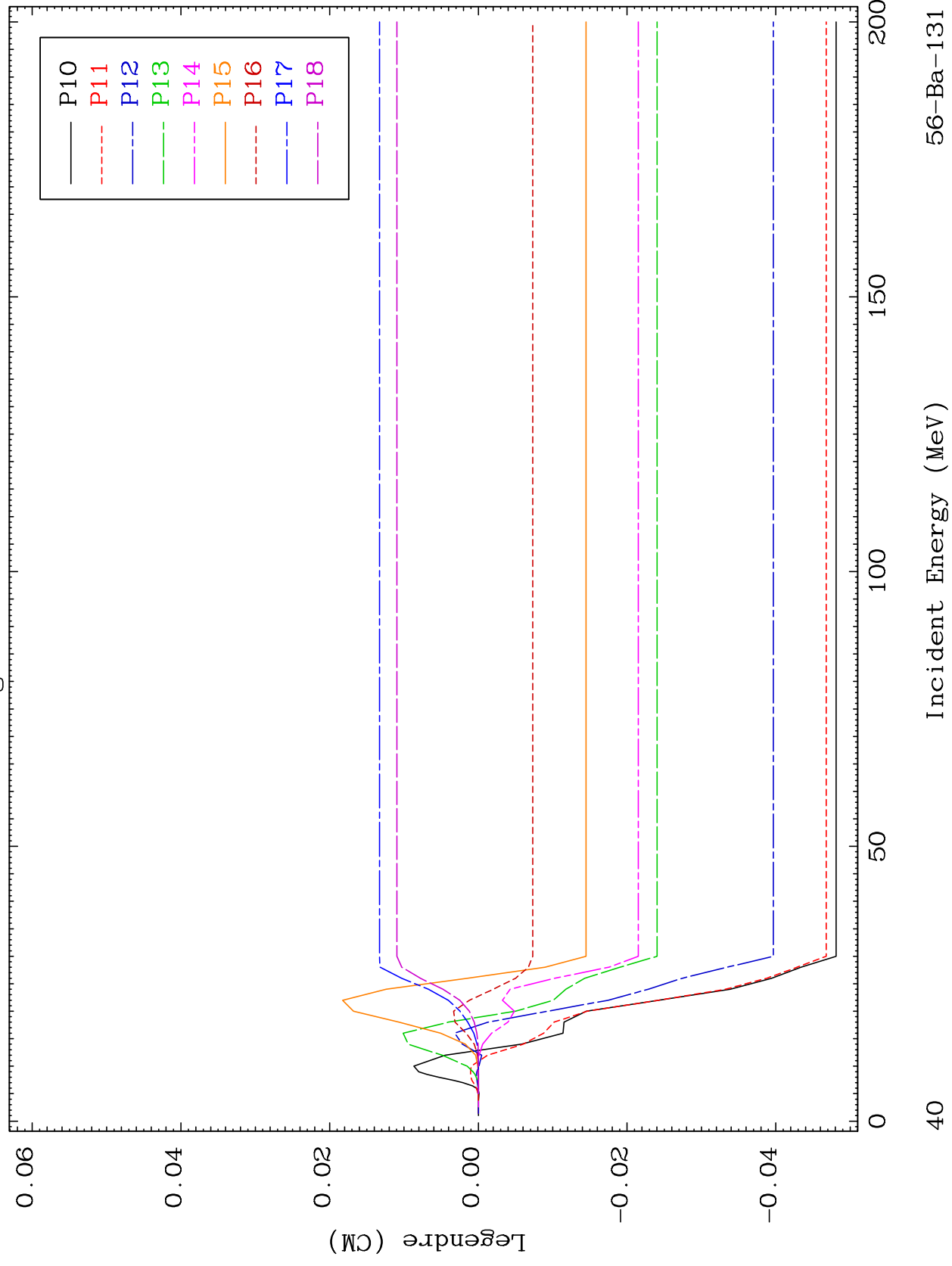


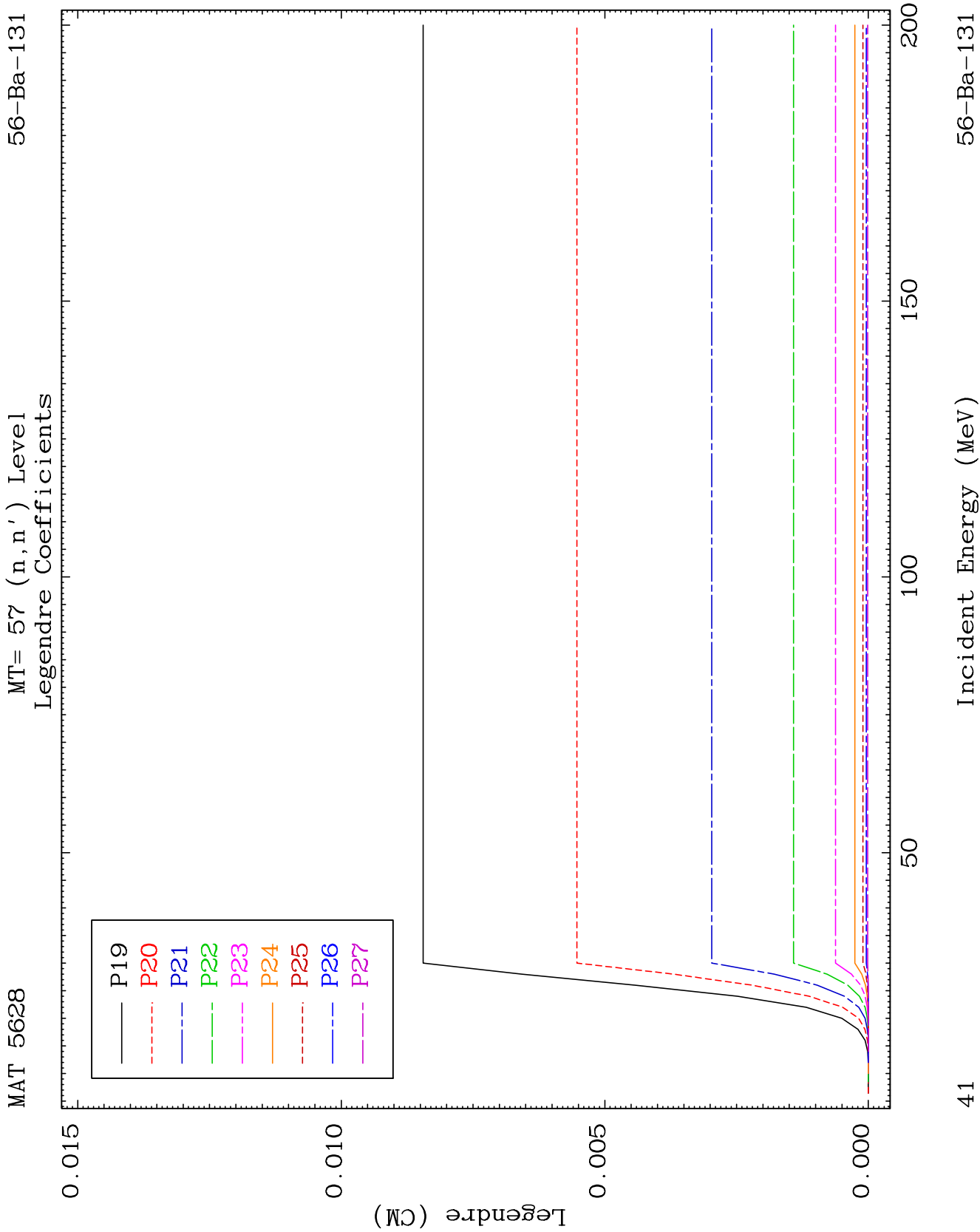


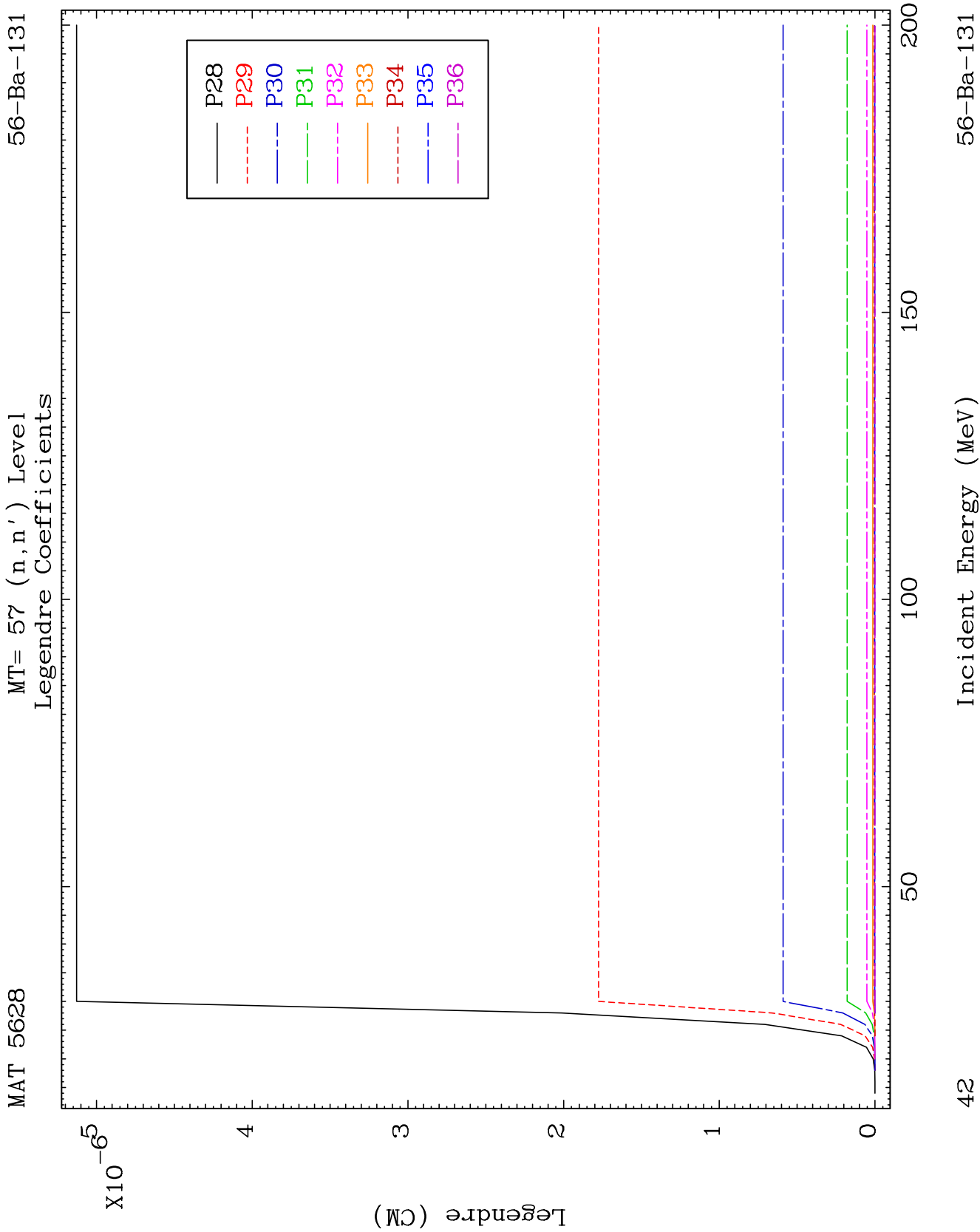
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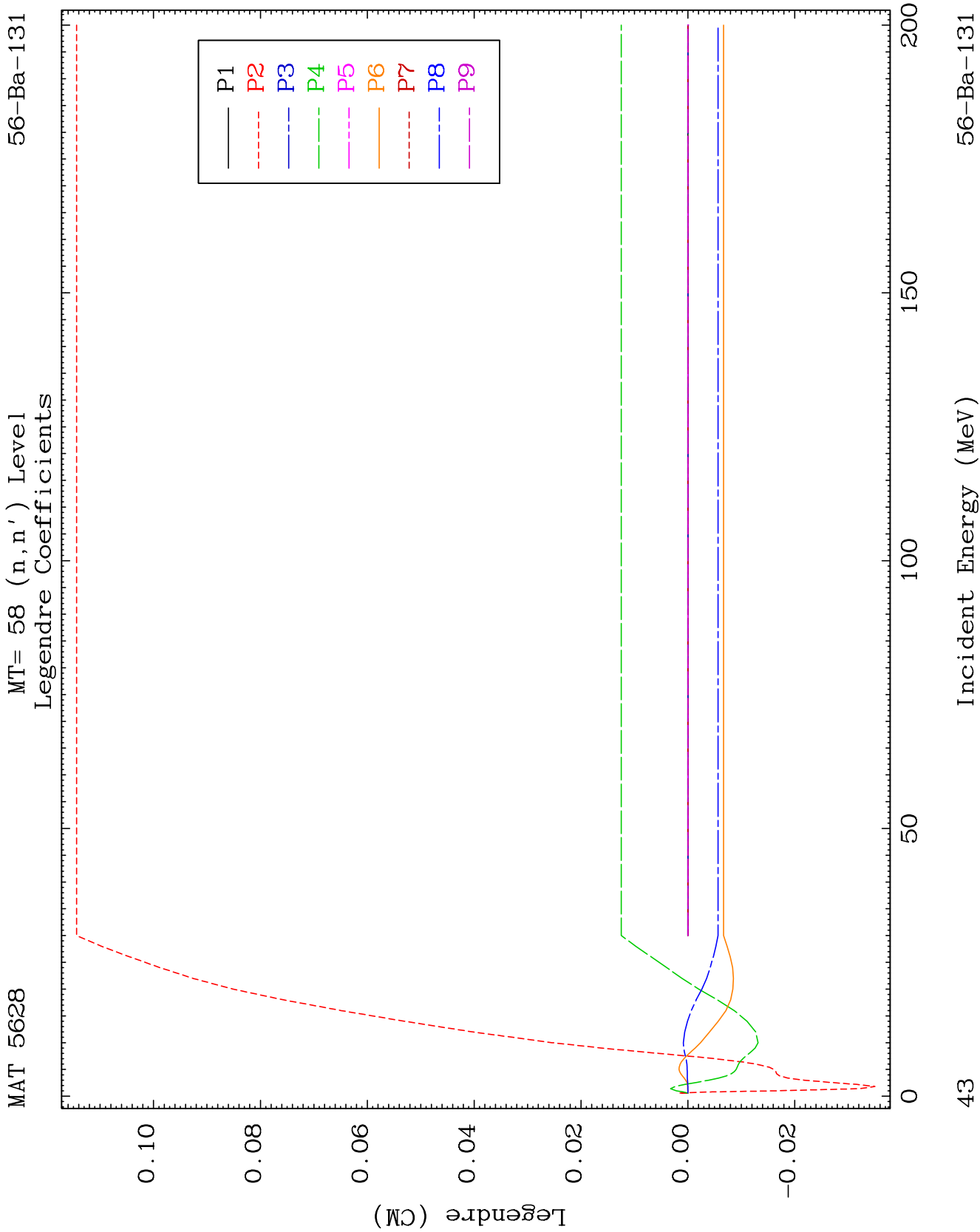
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Legendre Coefficients

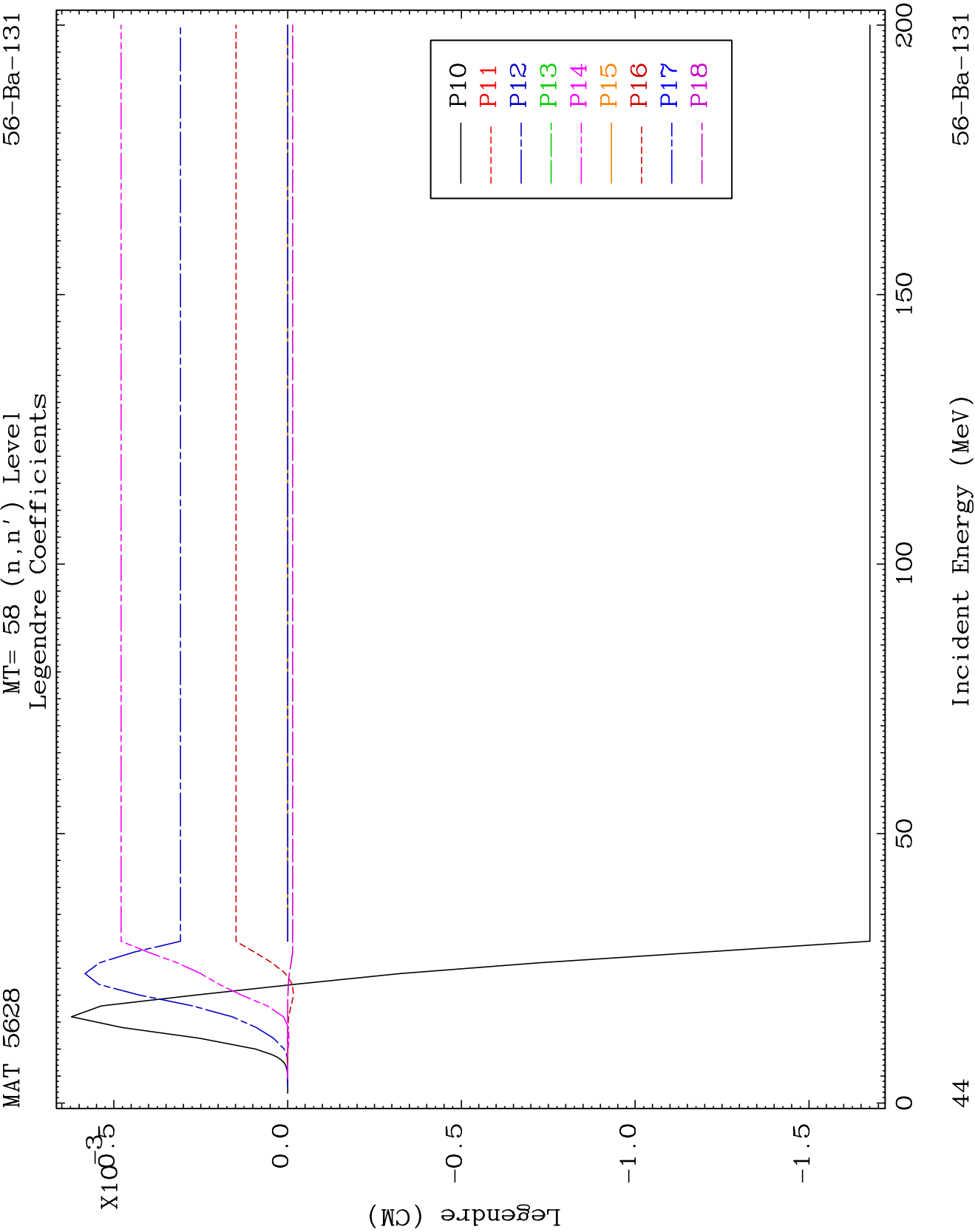
56-Ba-131







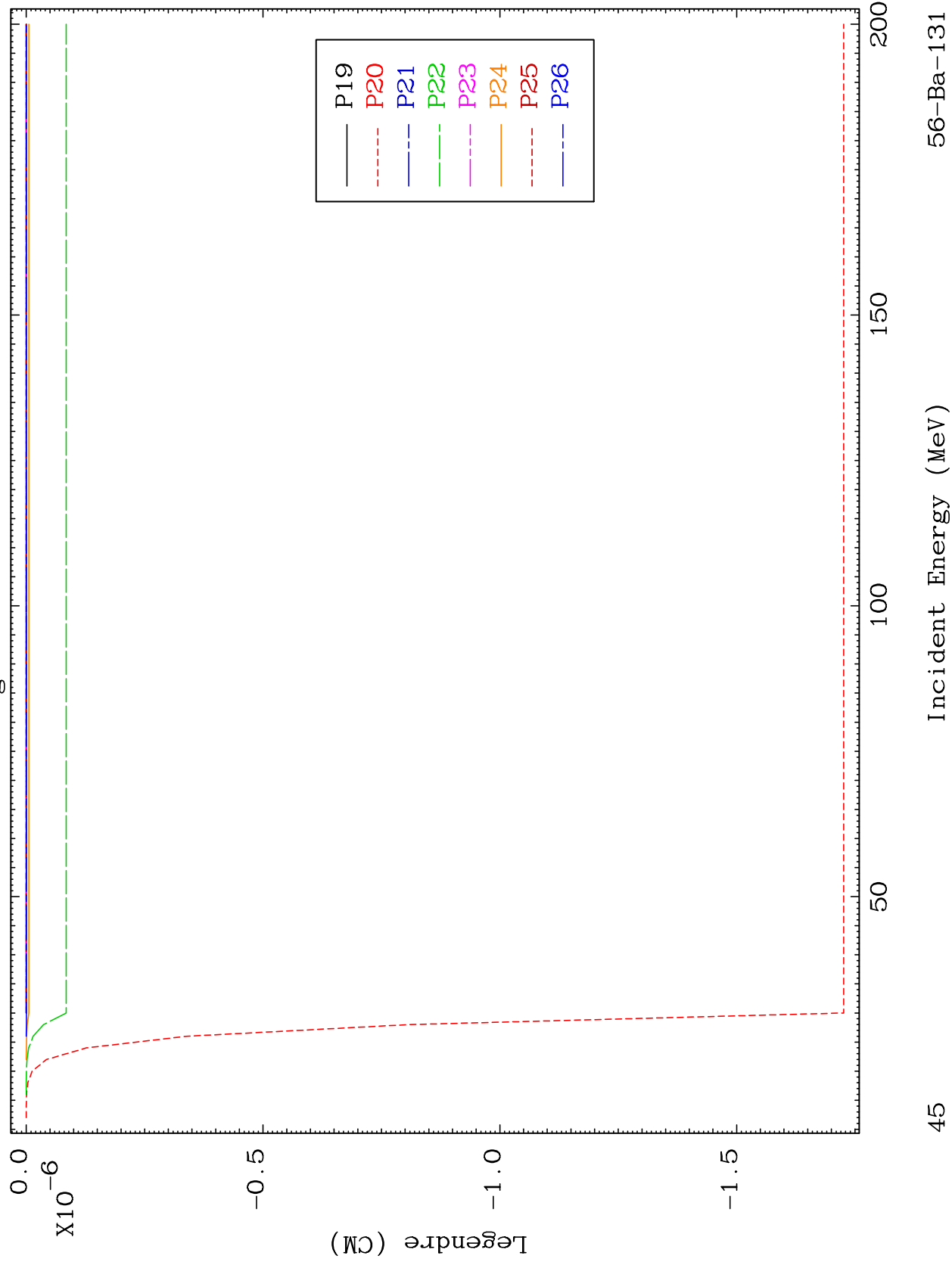




MAT 5628

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Legendre Coefficients

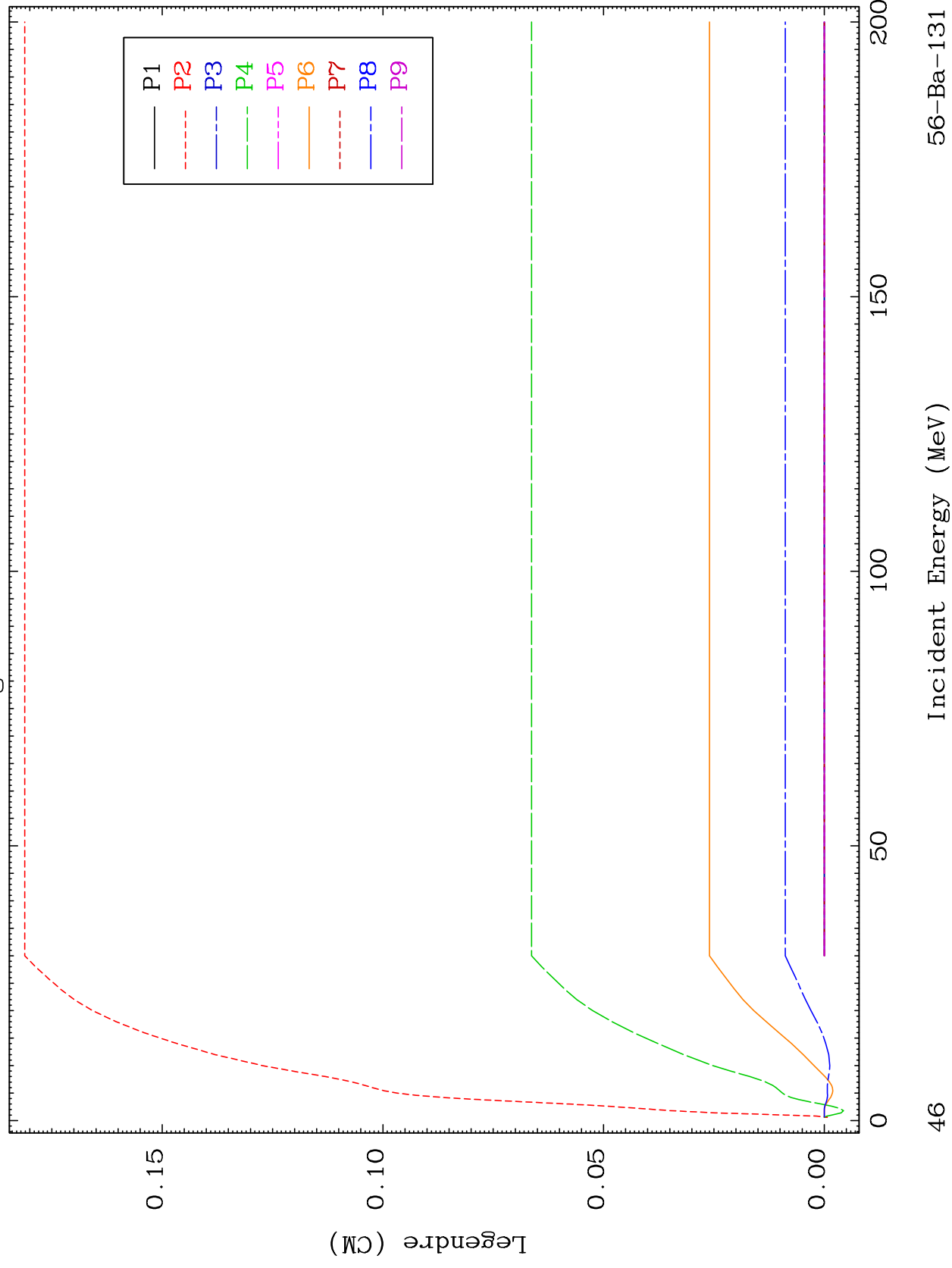
56-Ba-131



MAT 5628

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

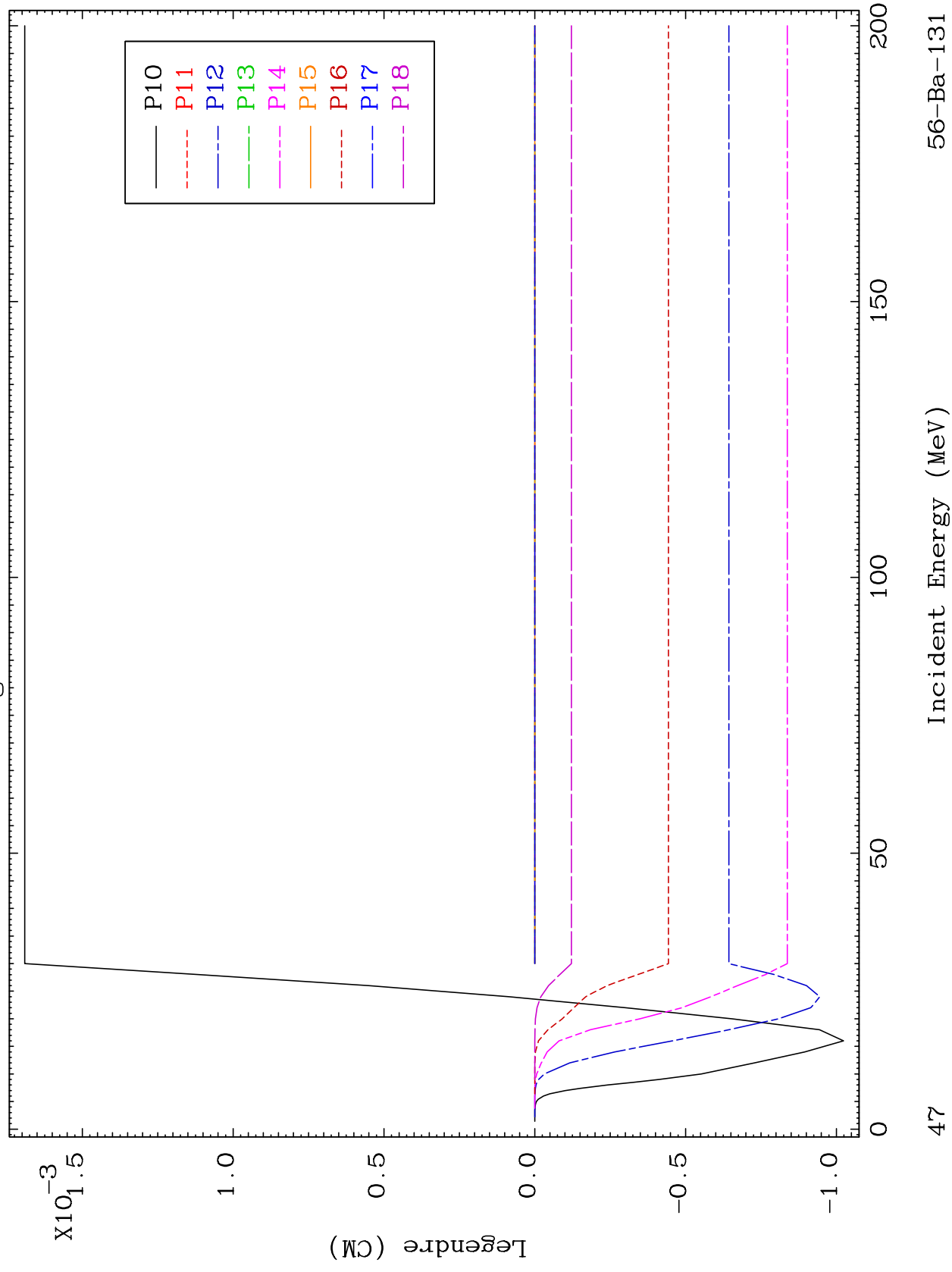
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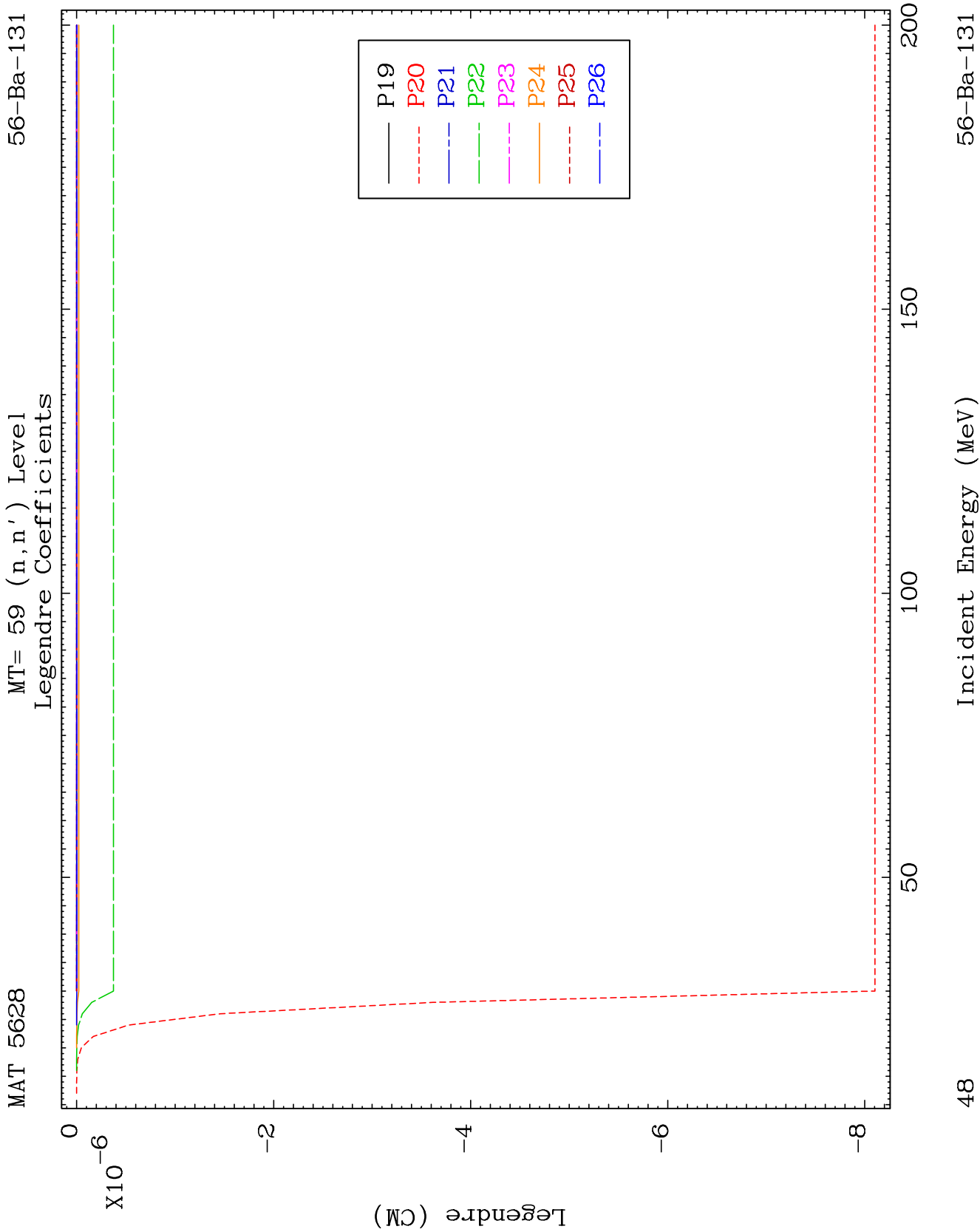


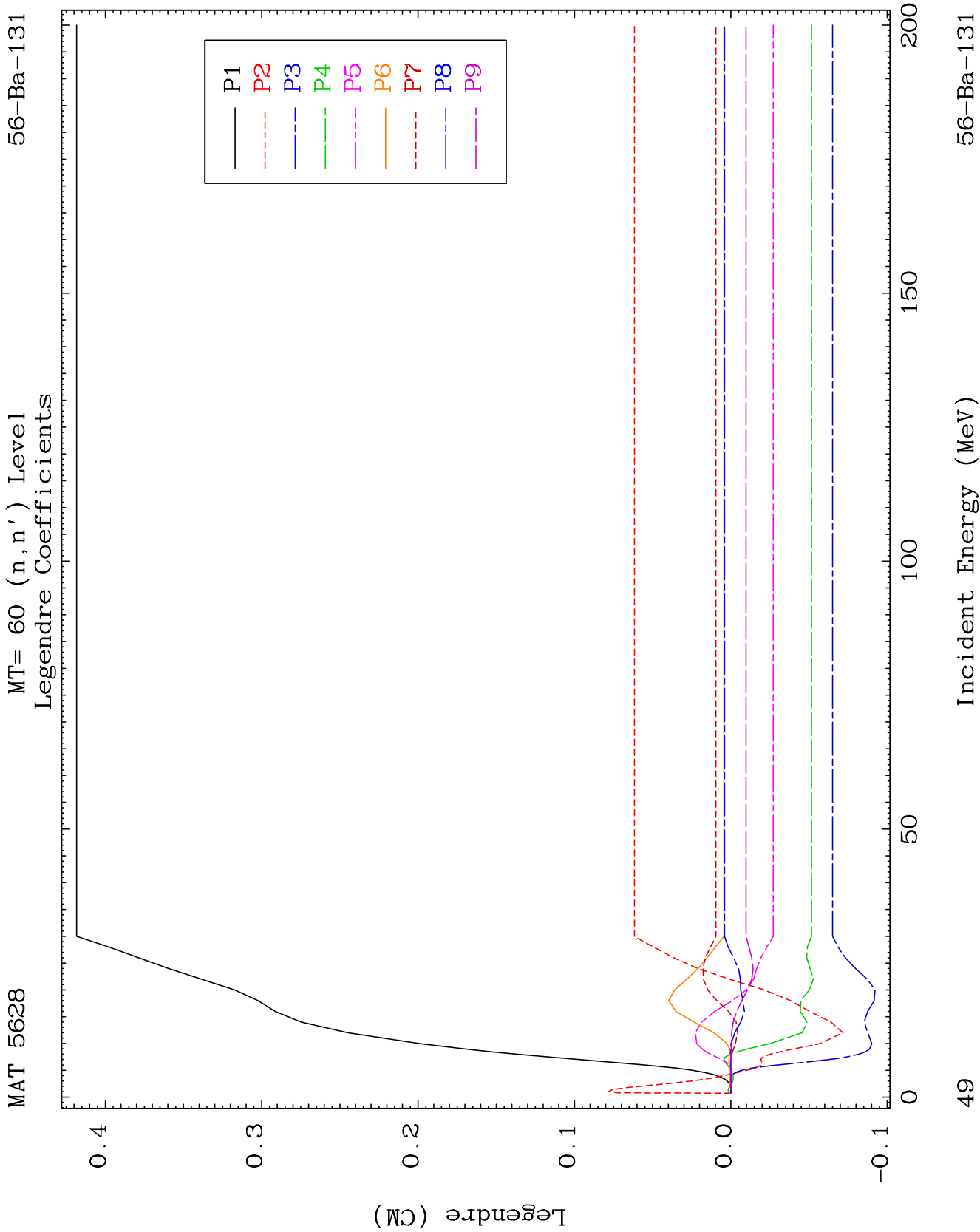
MAT 5628

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

56-Ba-131



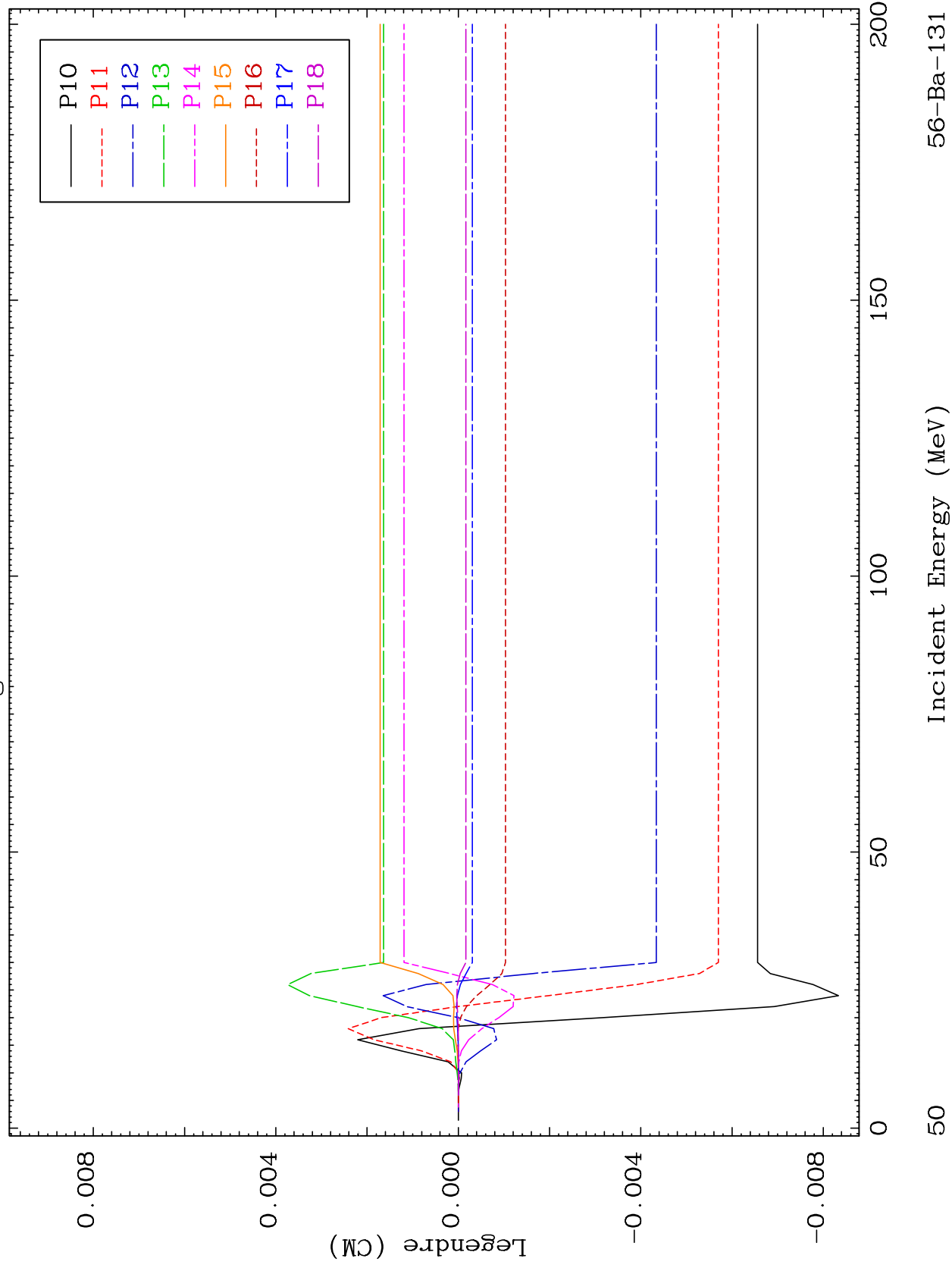




MAT 5628

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

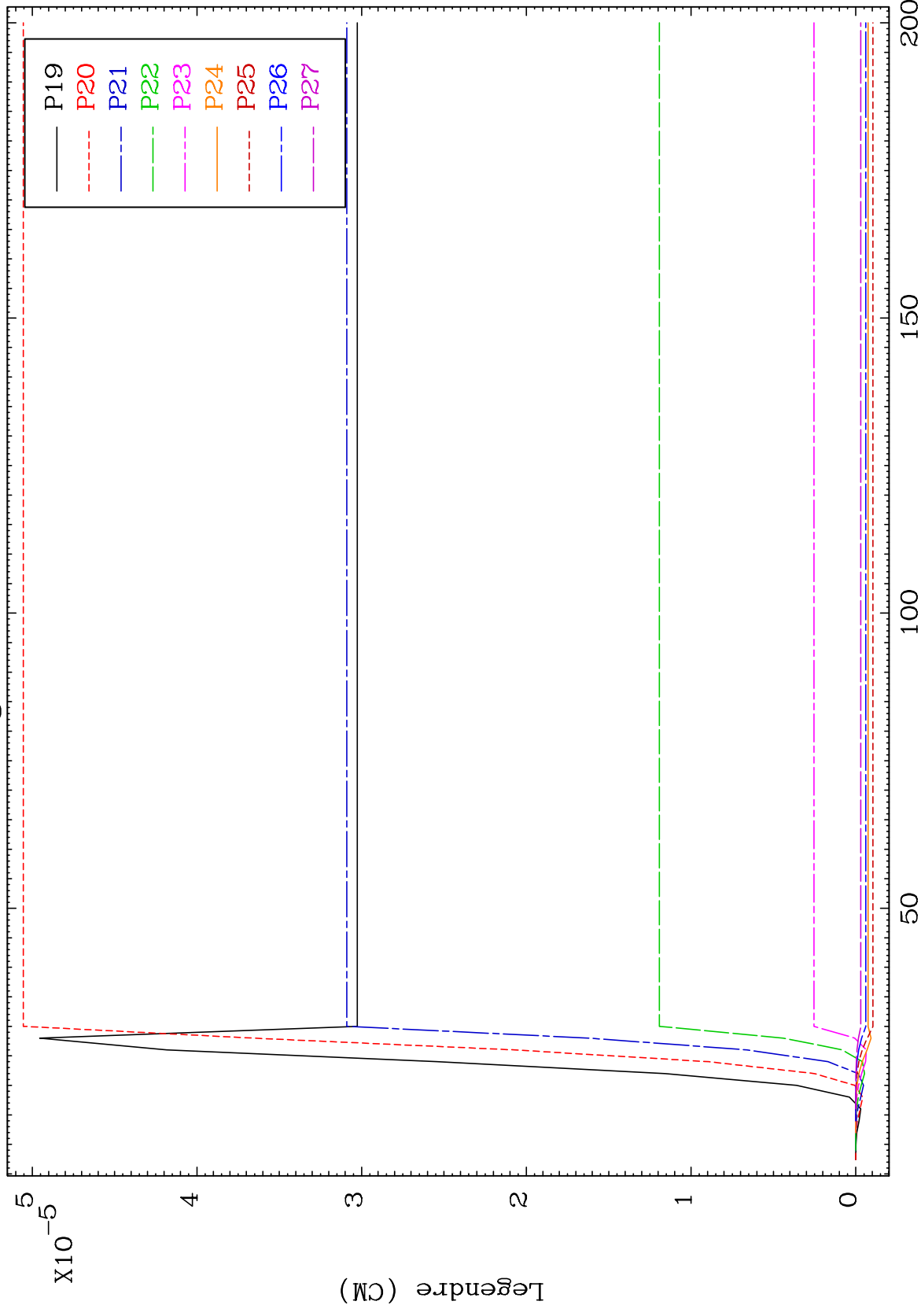
56-Ba-131



MAT 5628

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

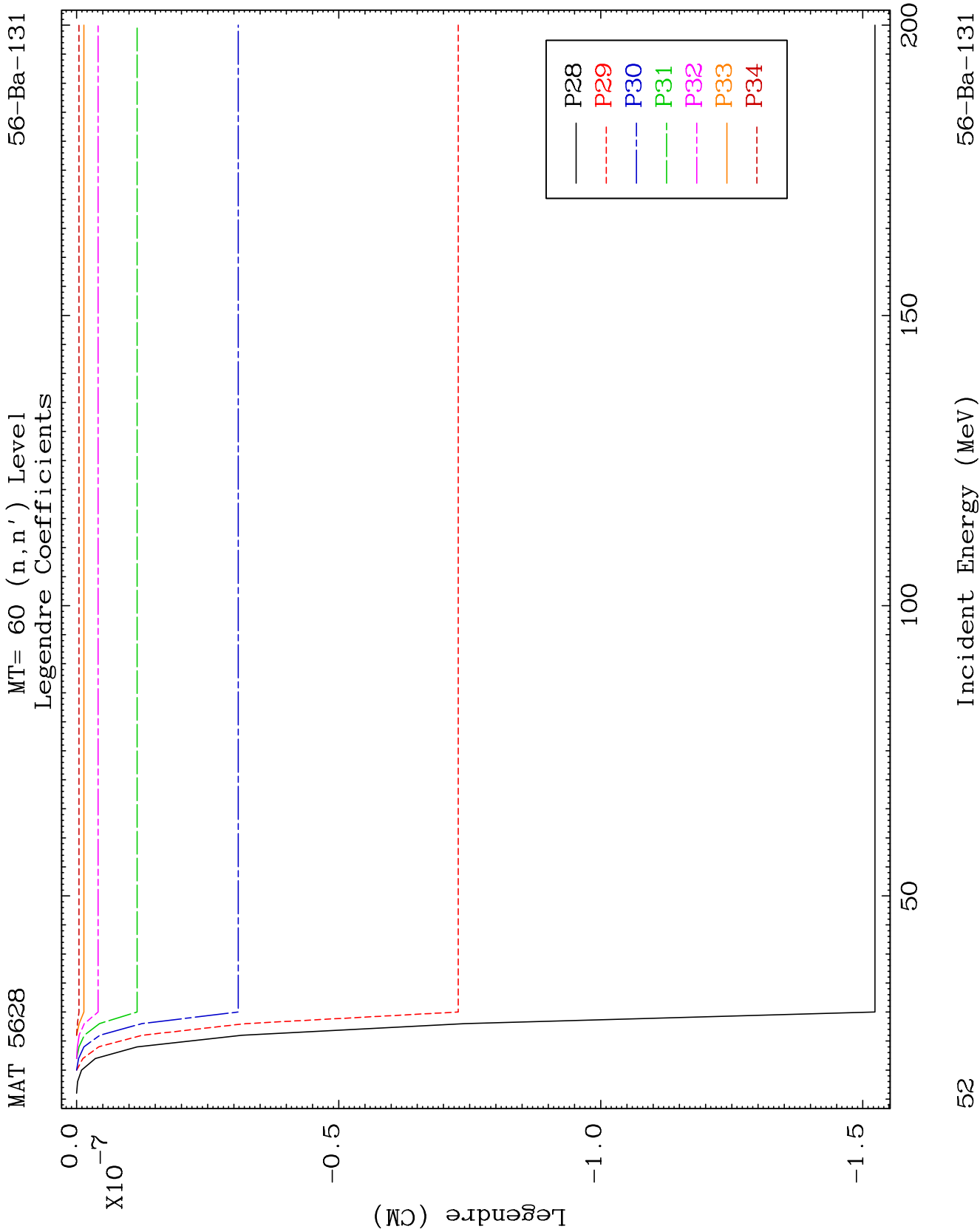
56-Ba-131



51

Incident Energy (MeV)

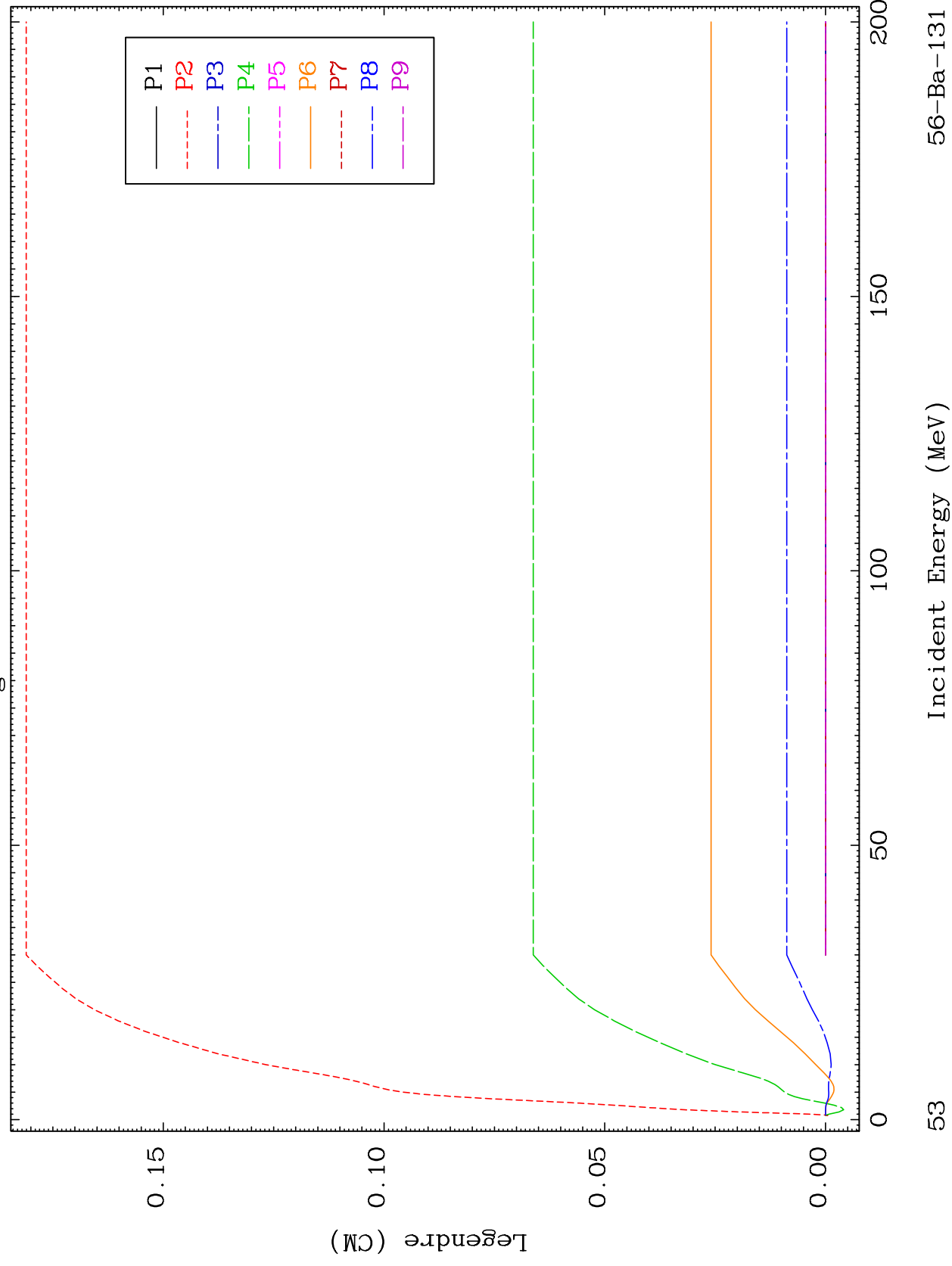
56-Ba-131

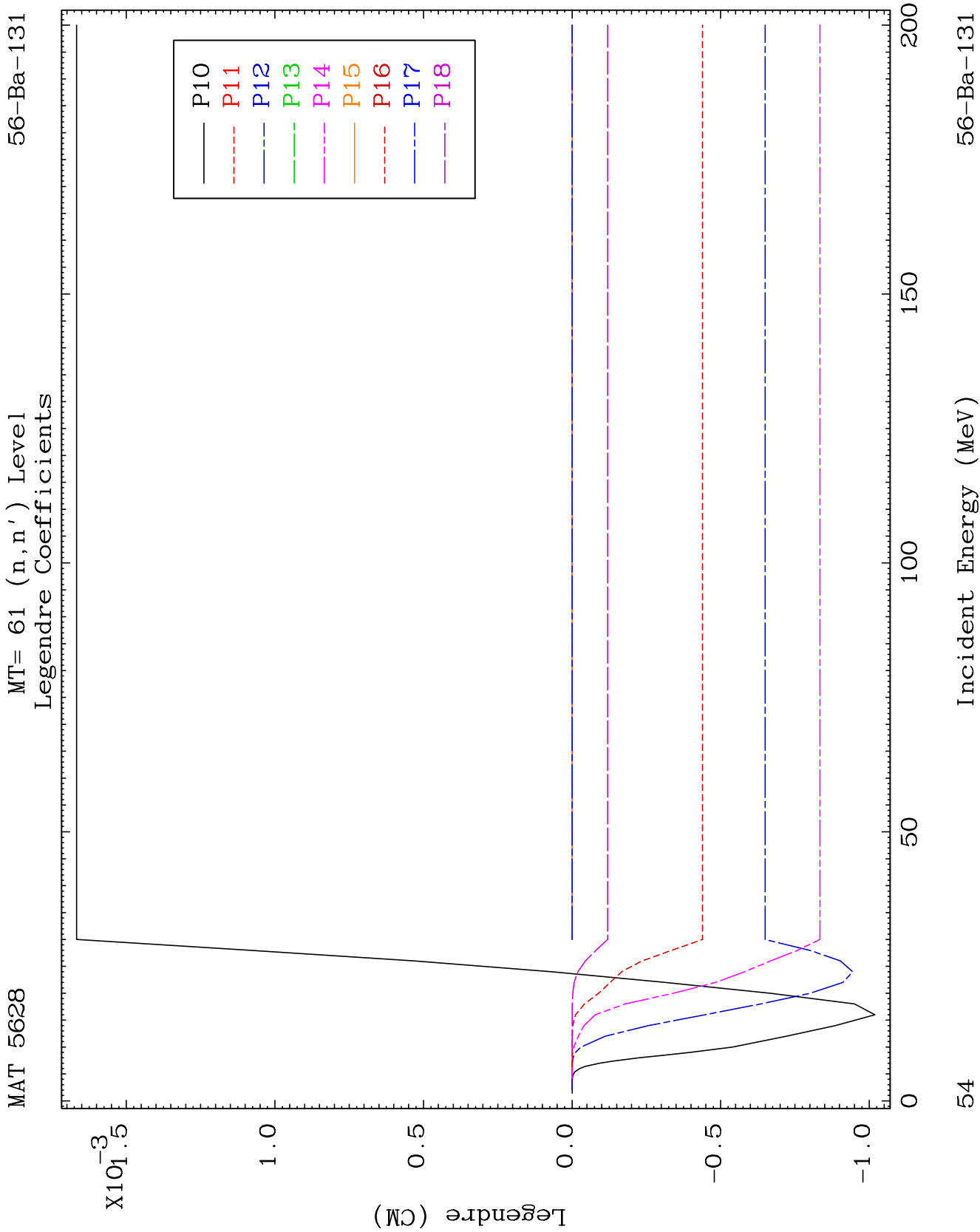


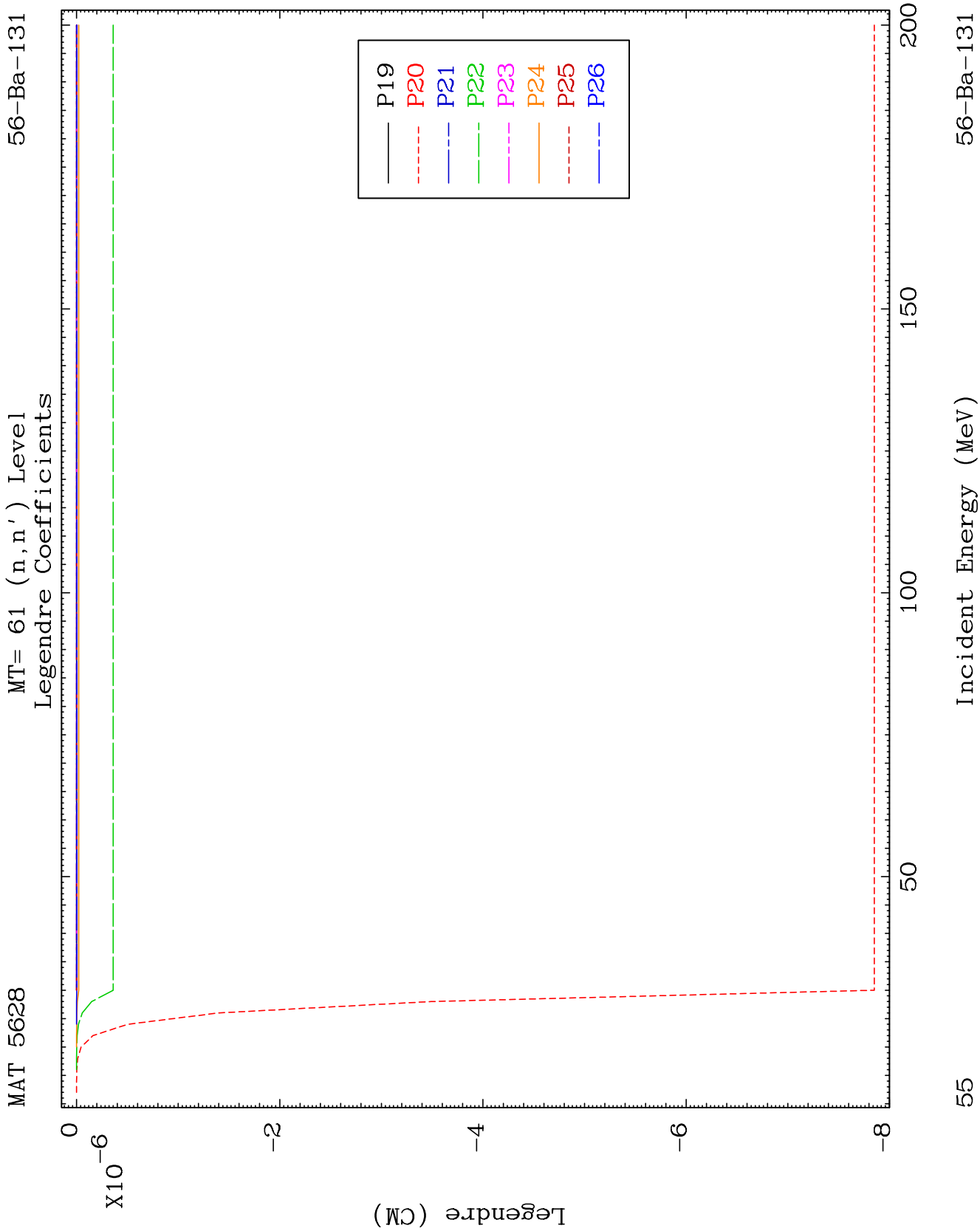
MAT 5628

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

56-Ba-131



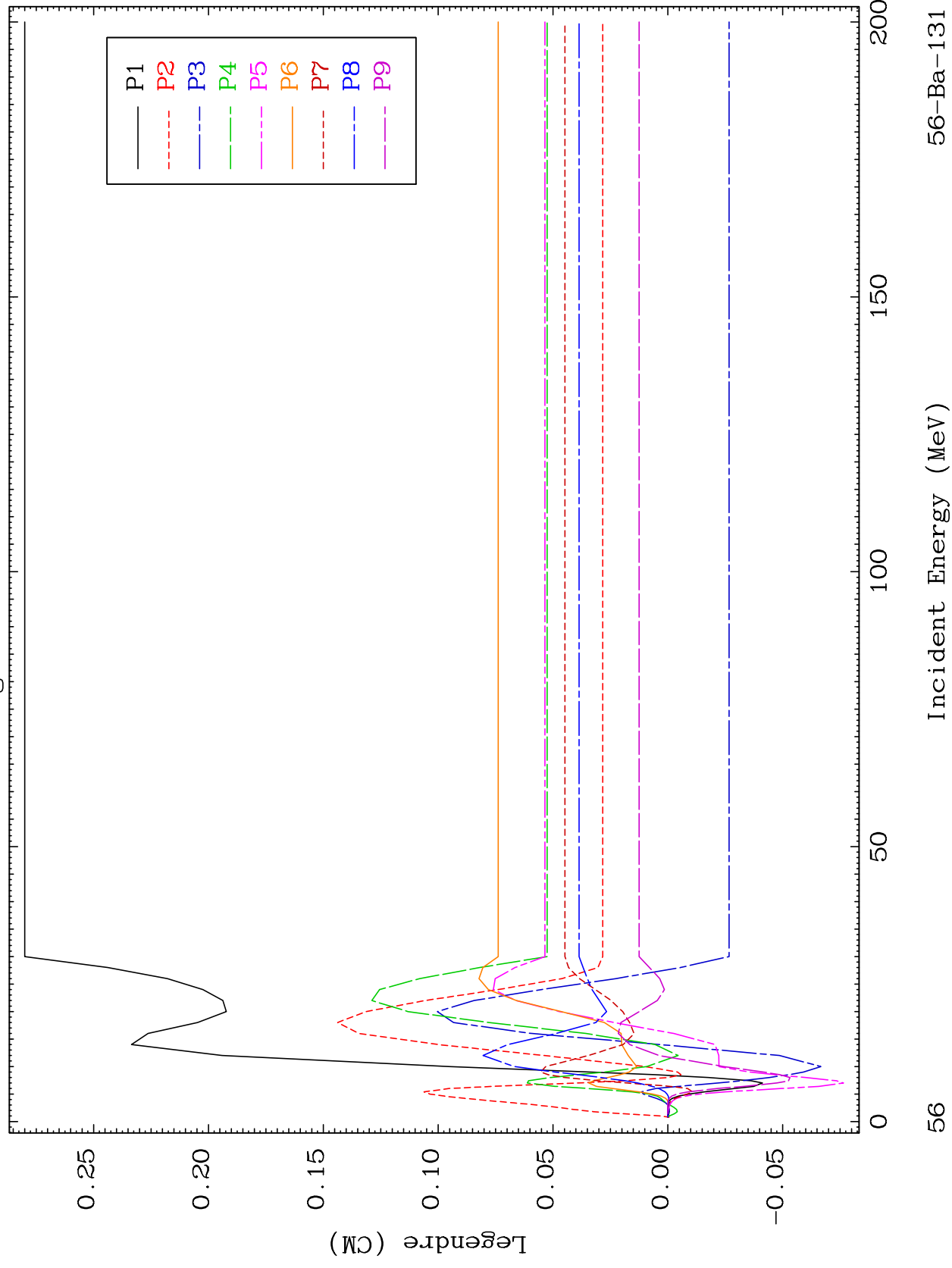


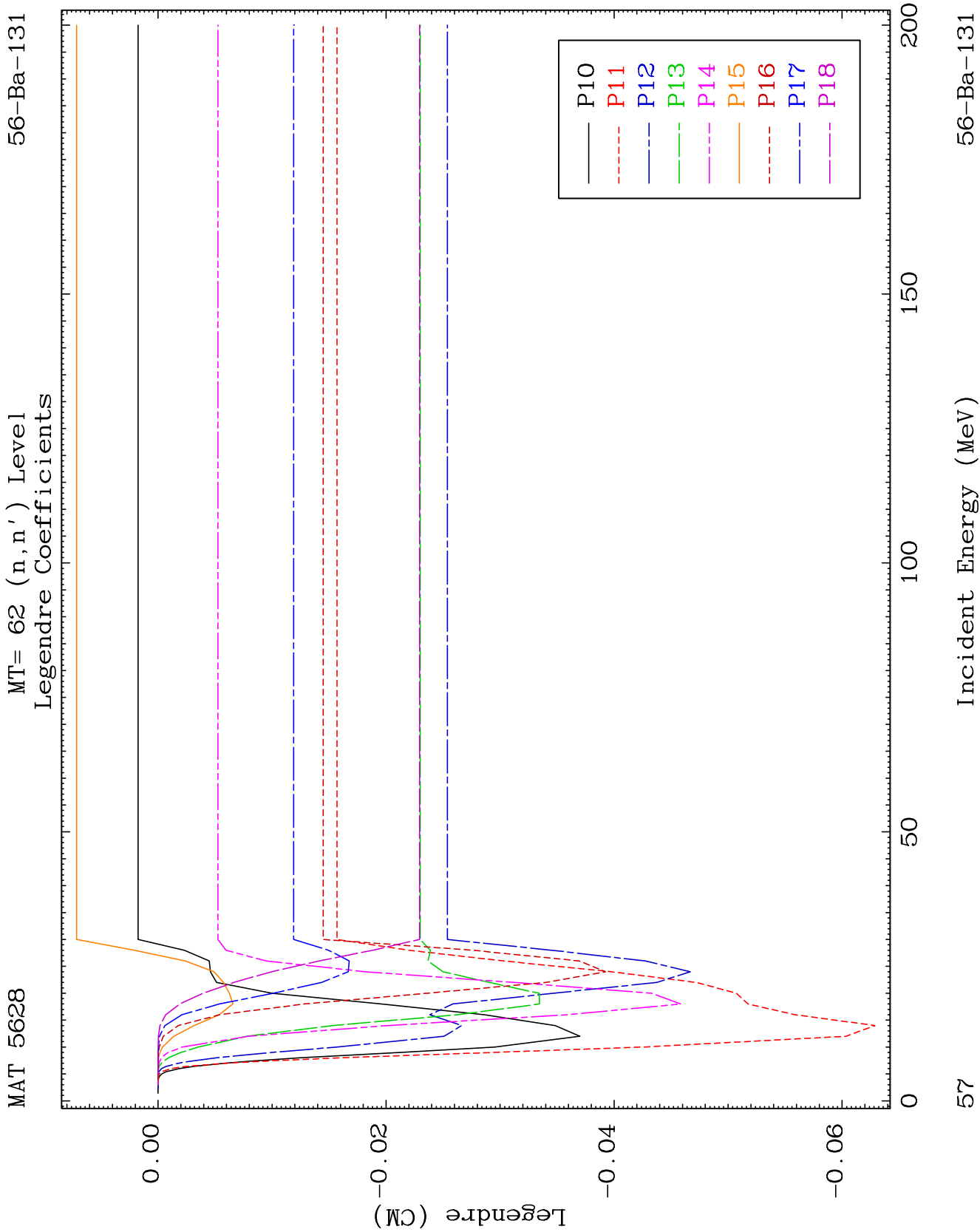


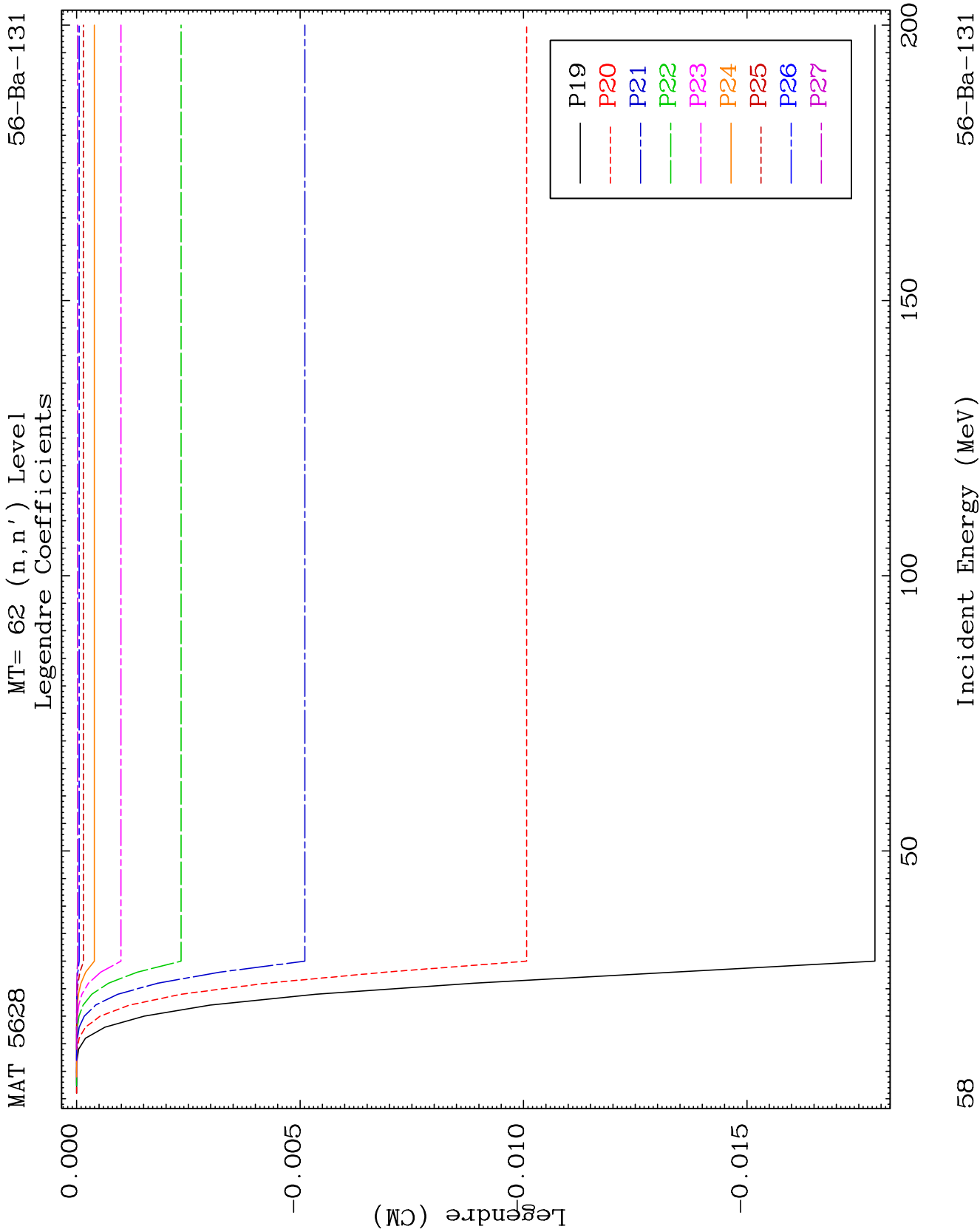
MAT 5628

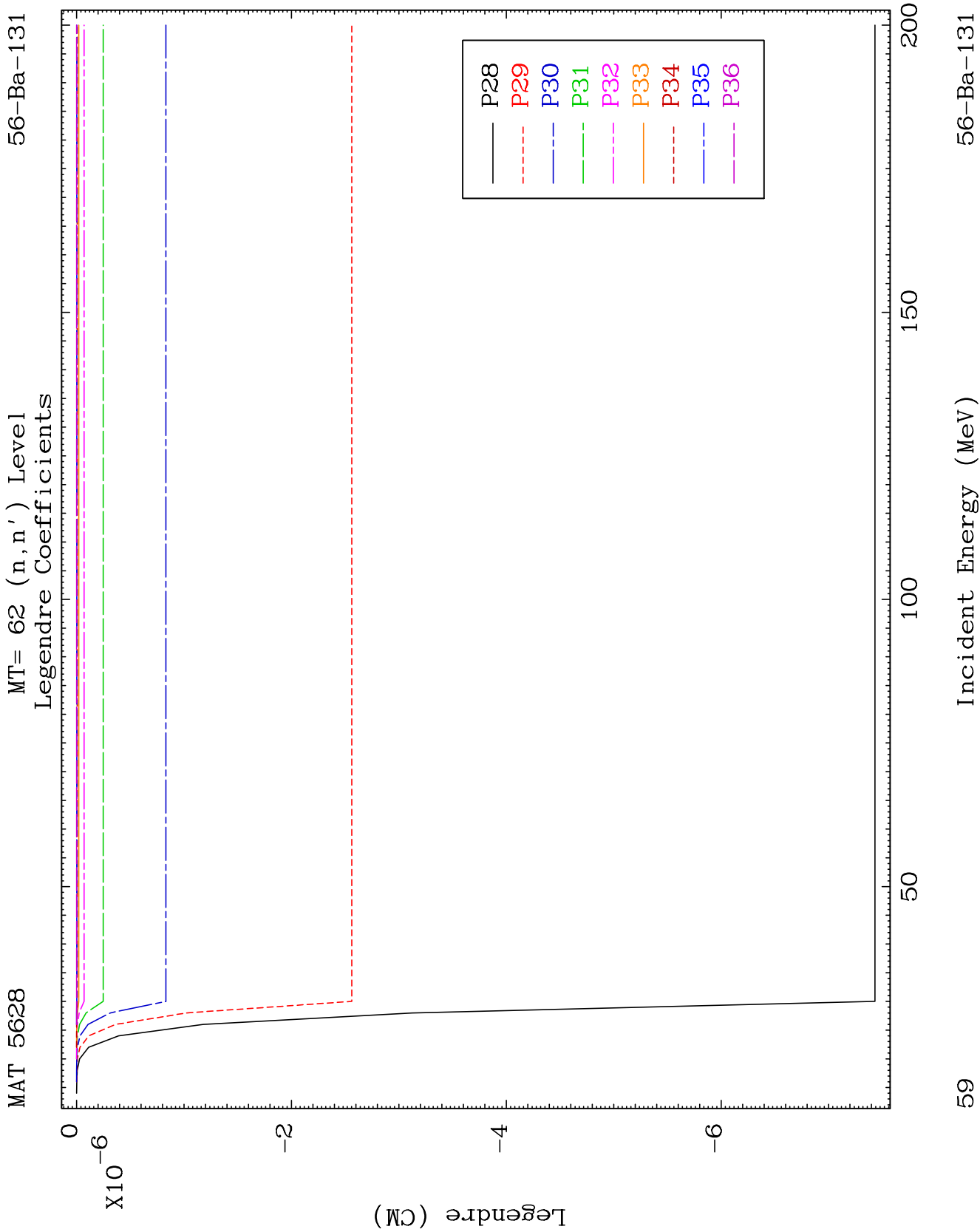
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Legendre Coefficients

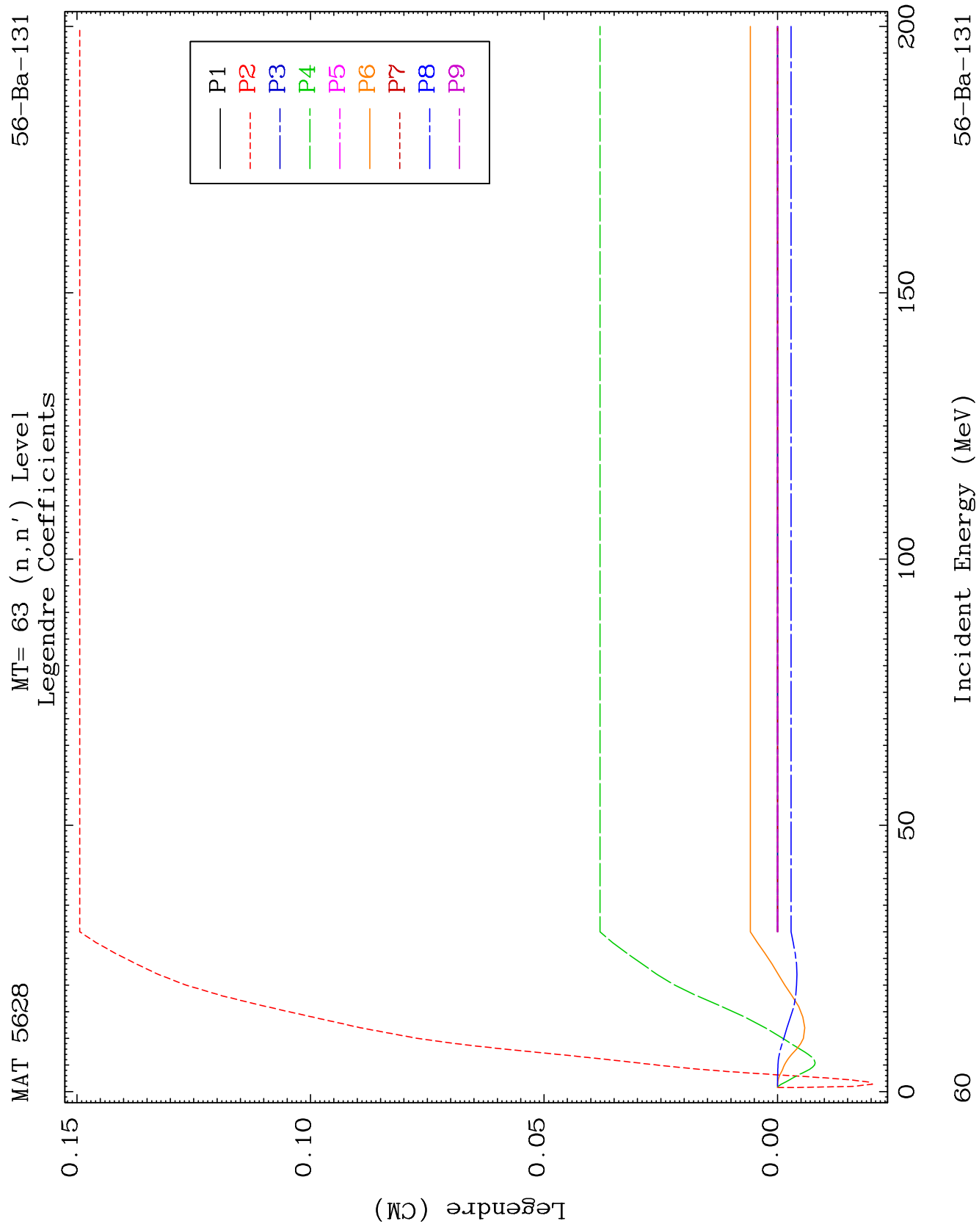
56-Ba-131

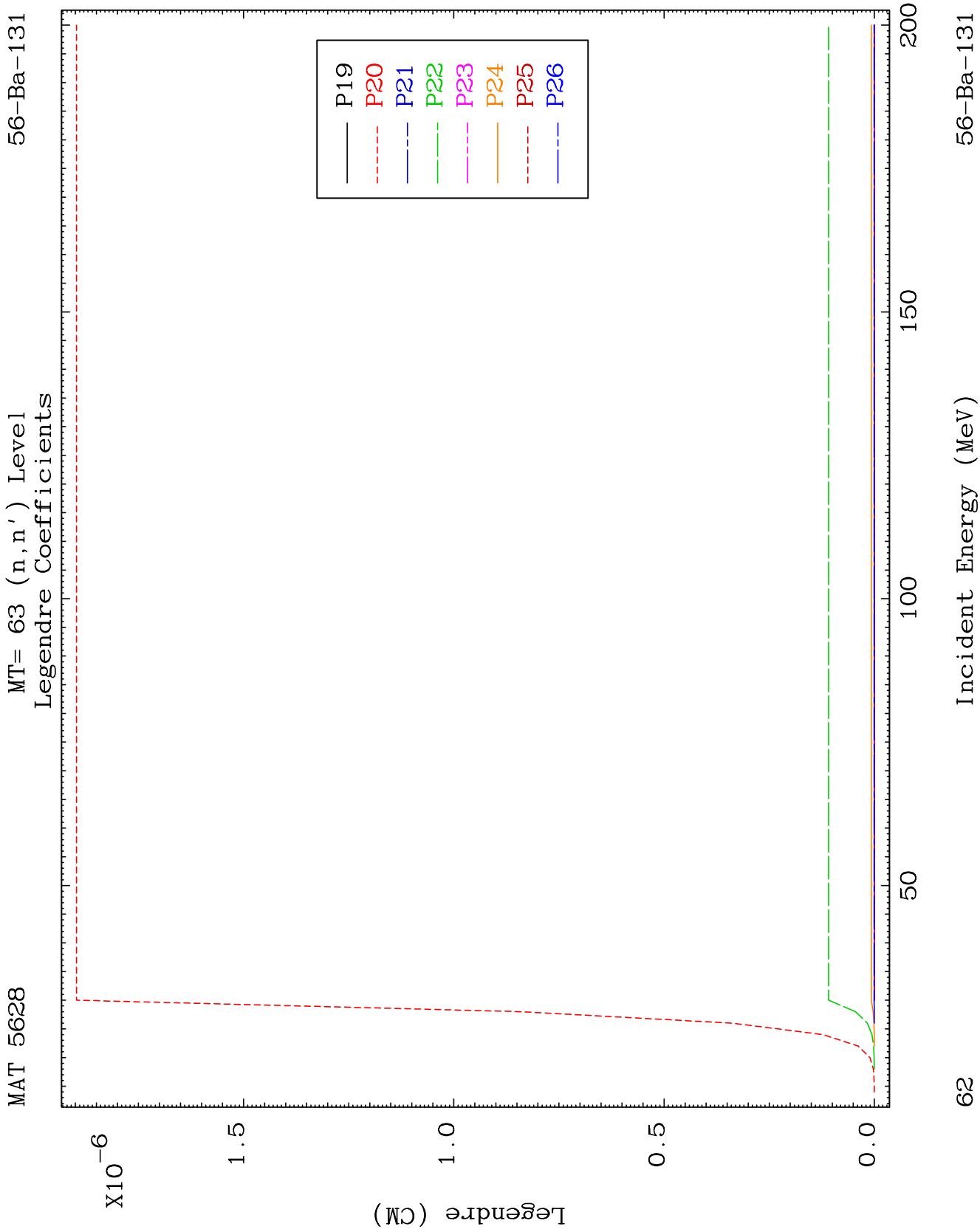


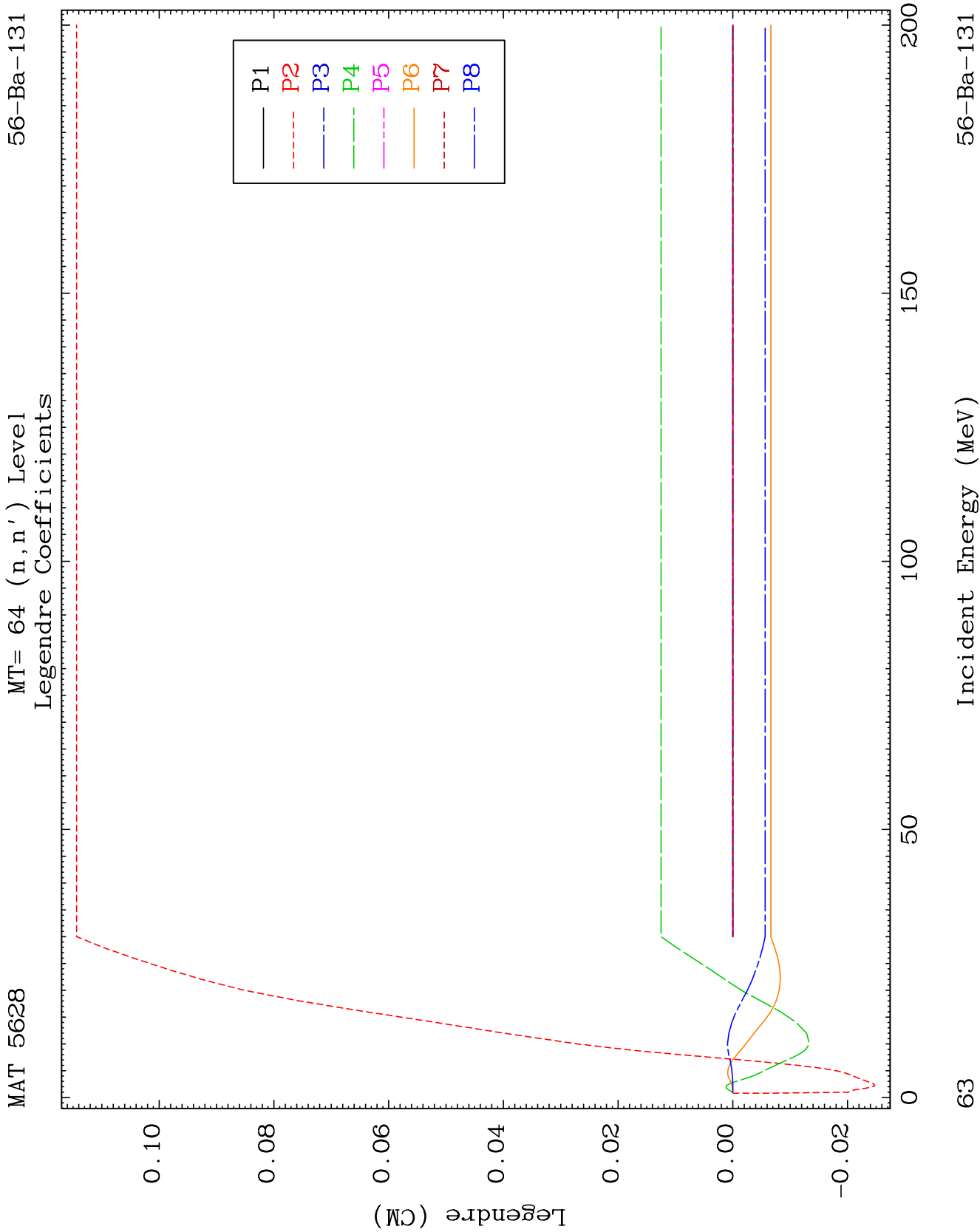








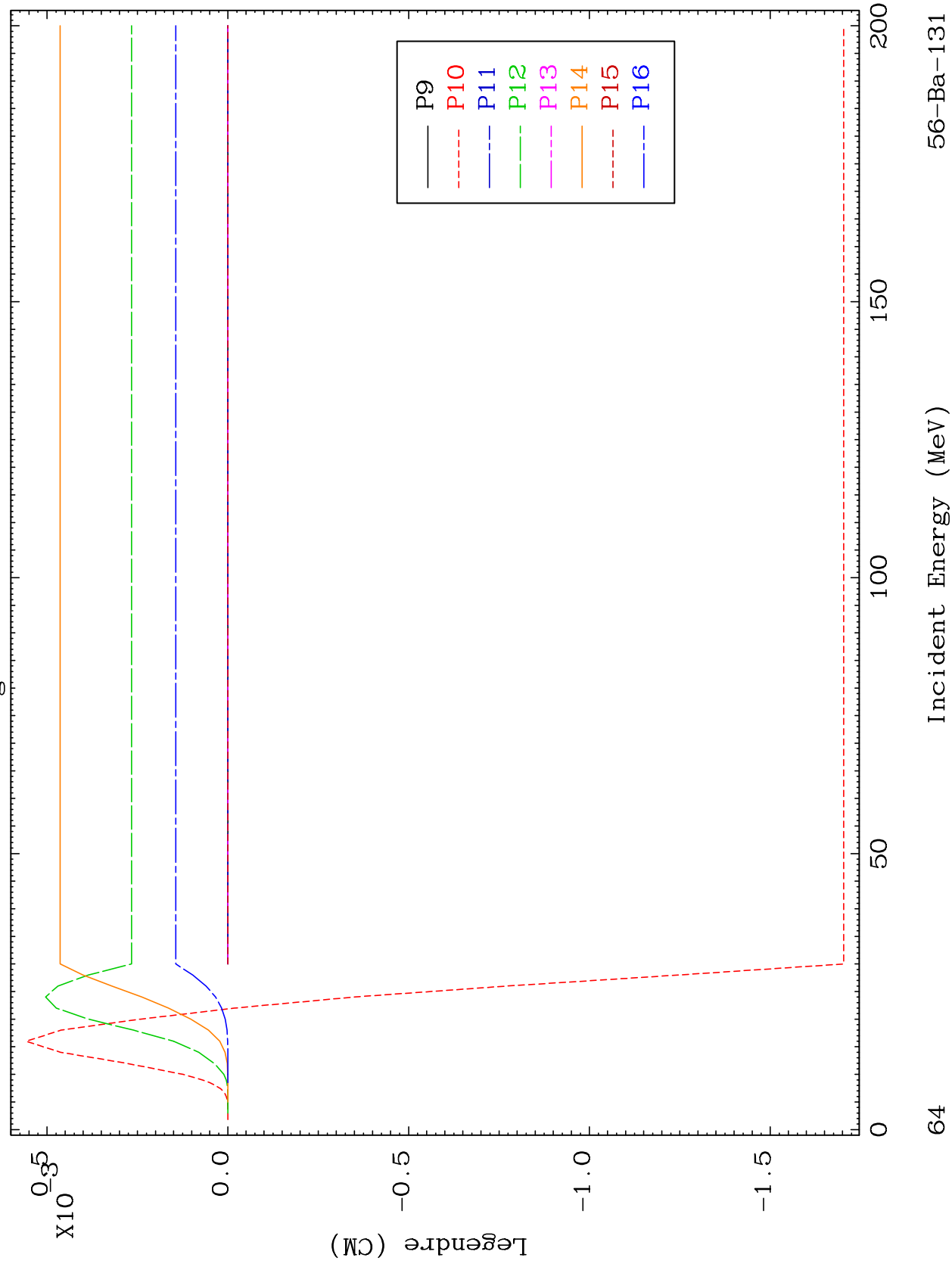


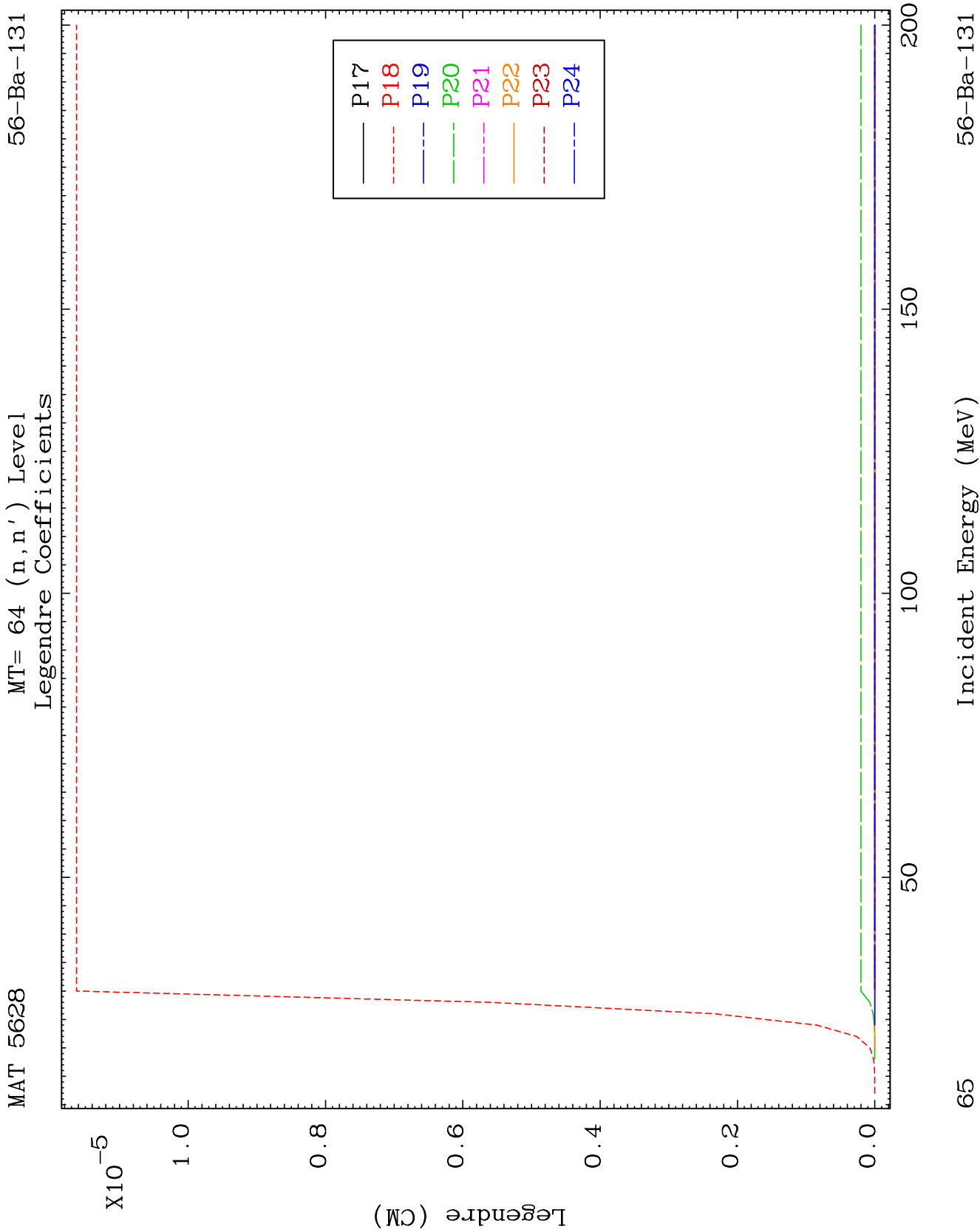


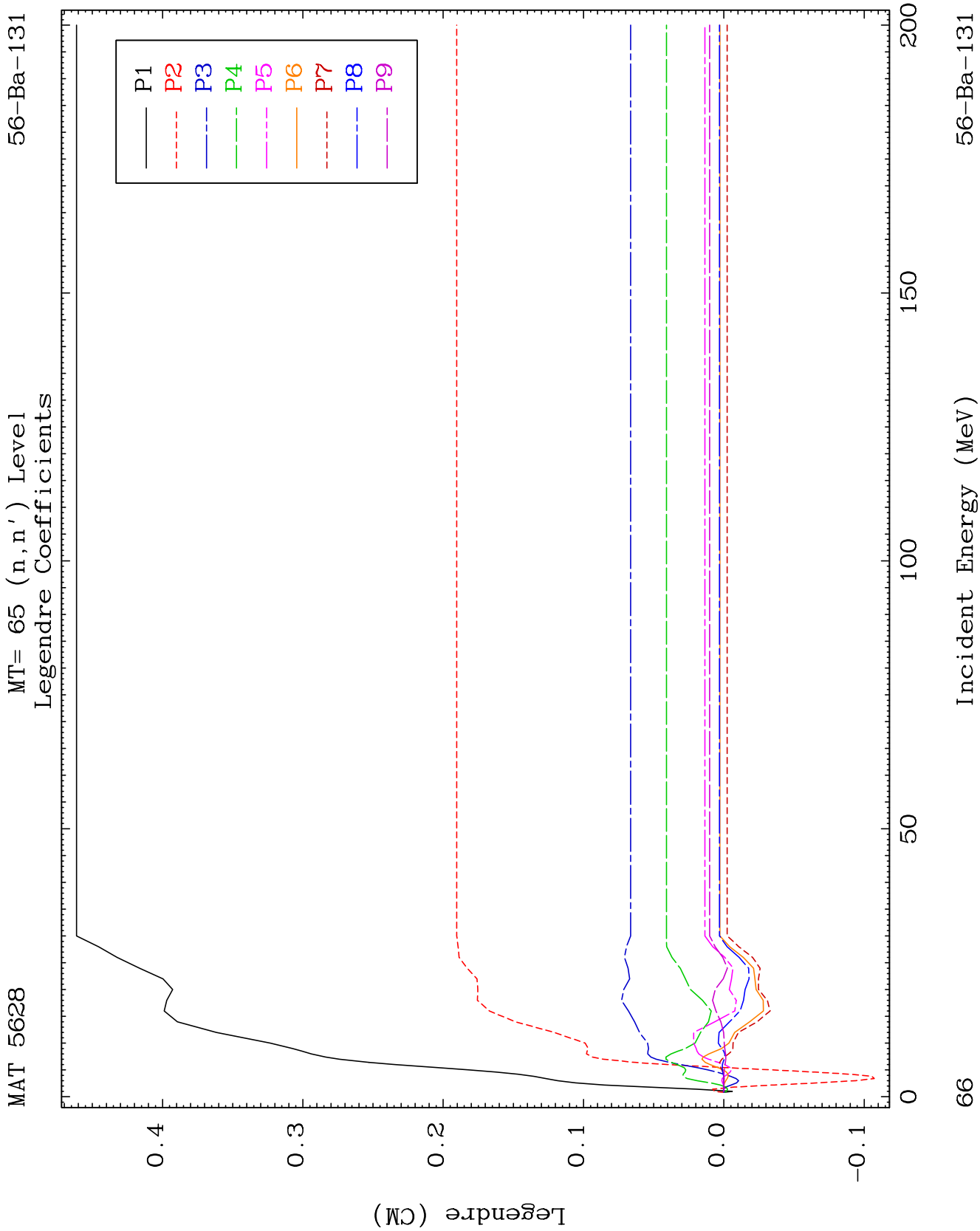
MAT 5628

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

56-Ba-131



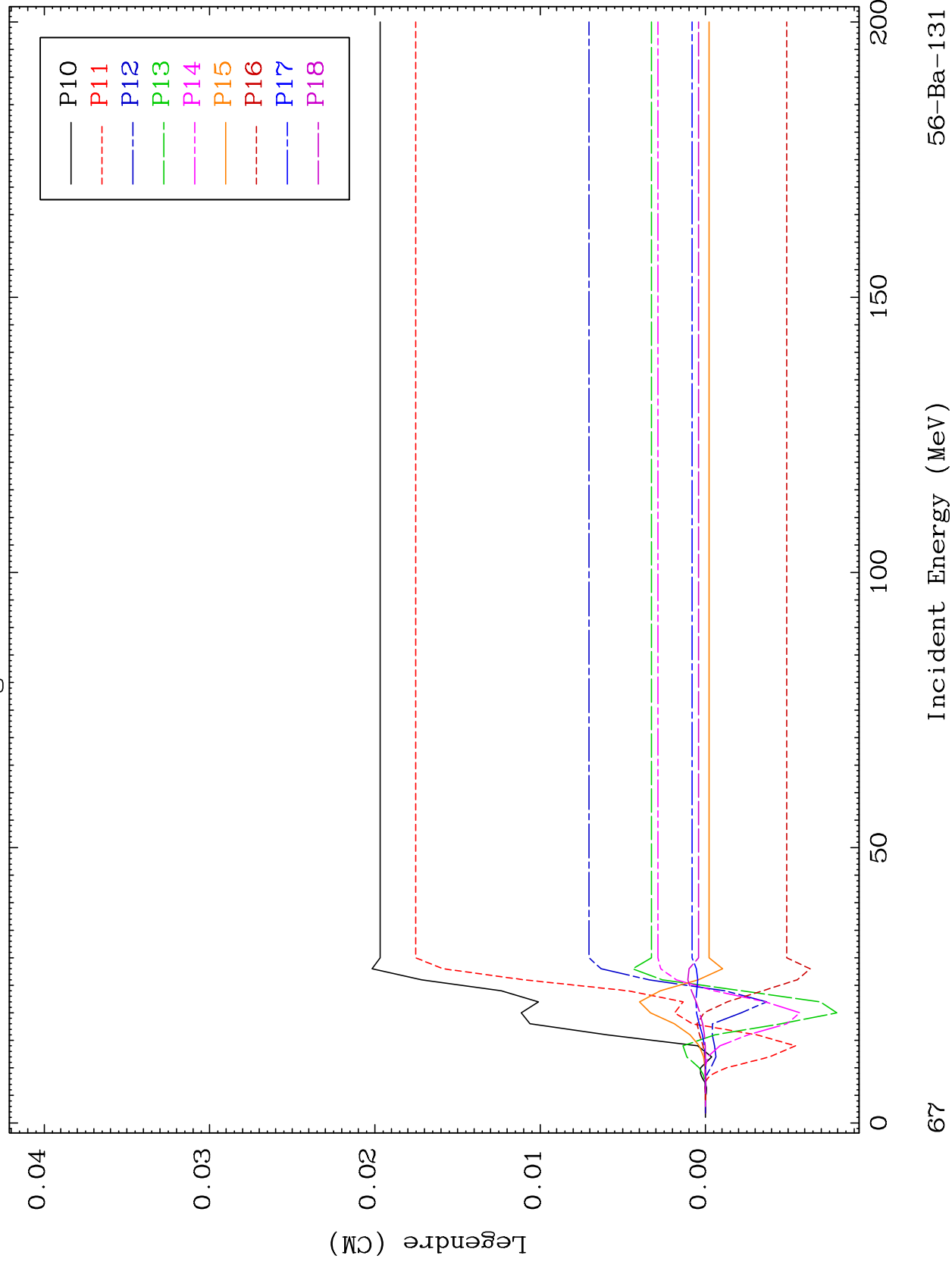




MAT 5628

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

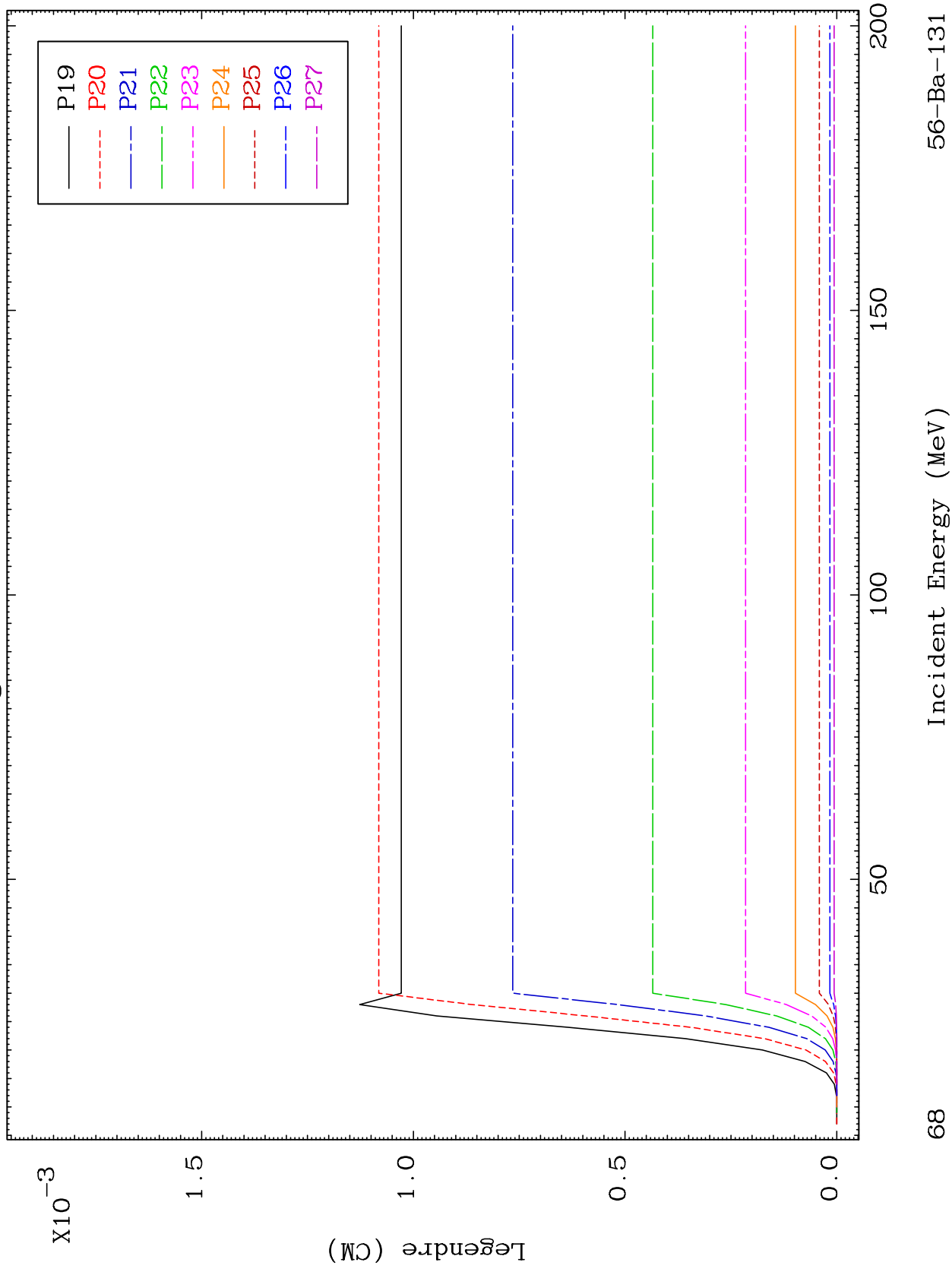
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MAT 5628

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

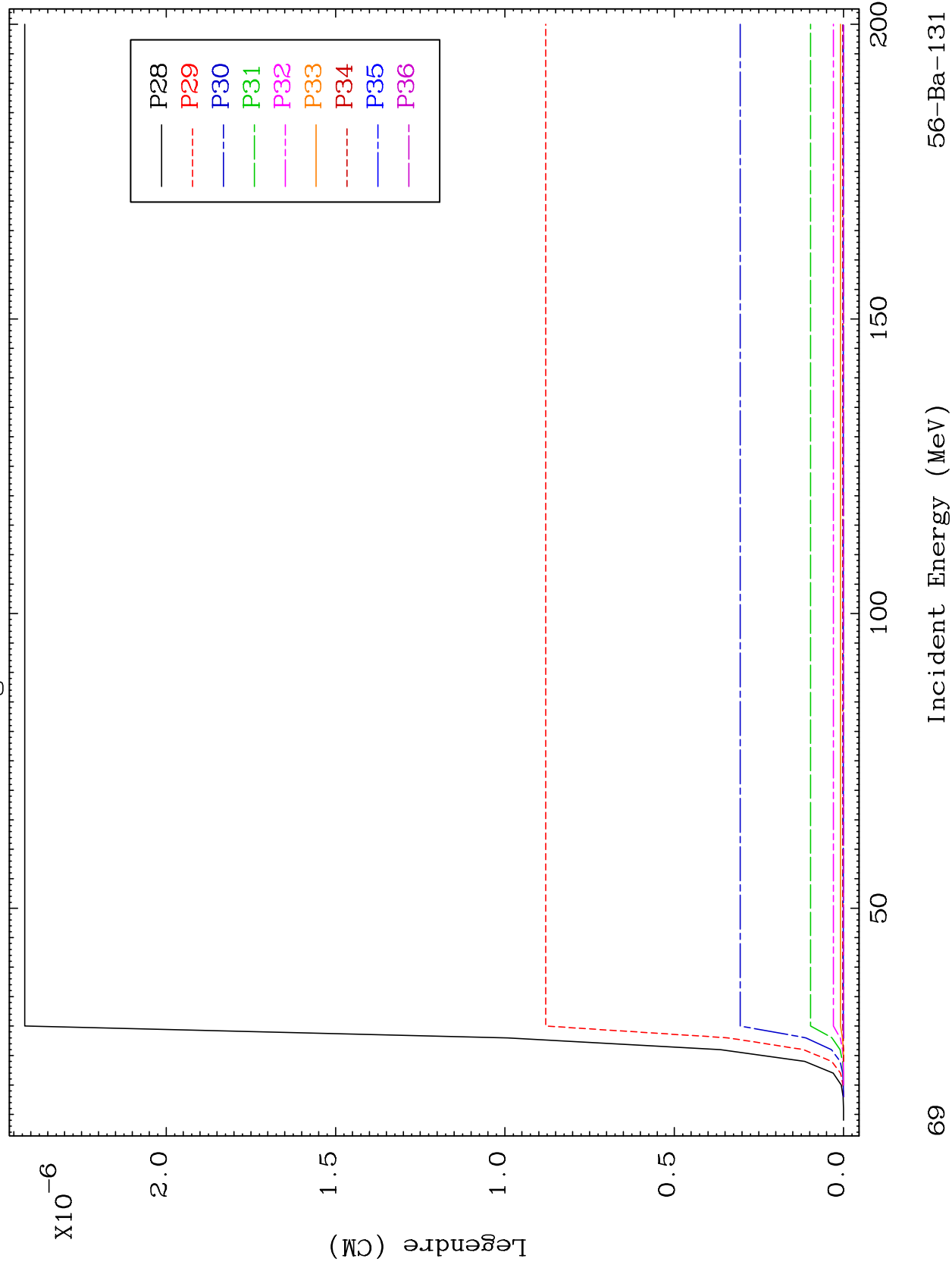
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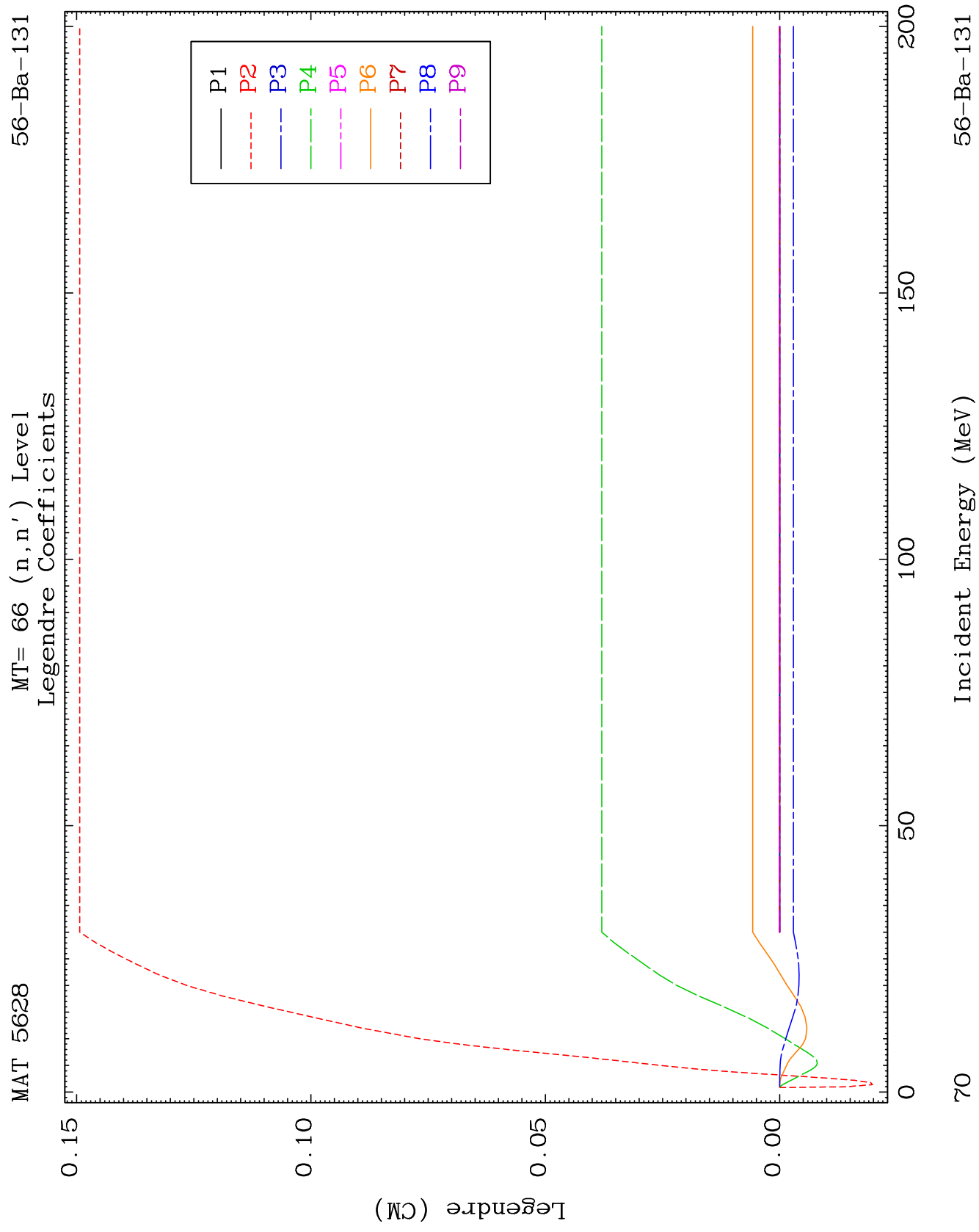


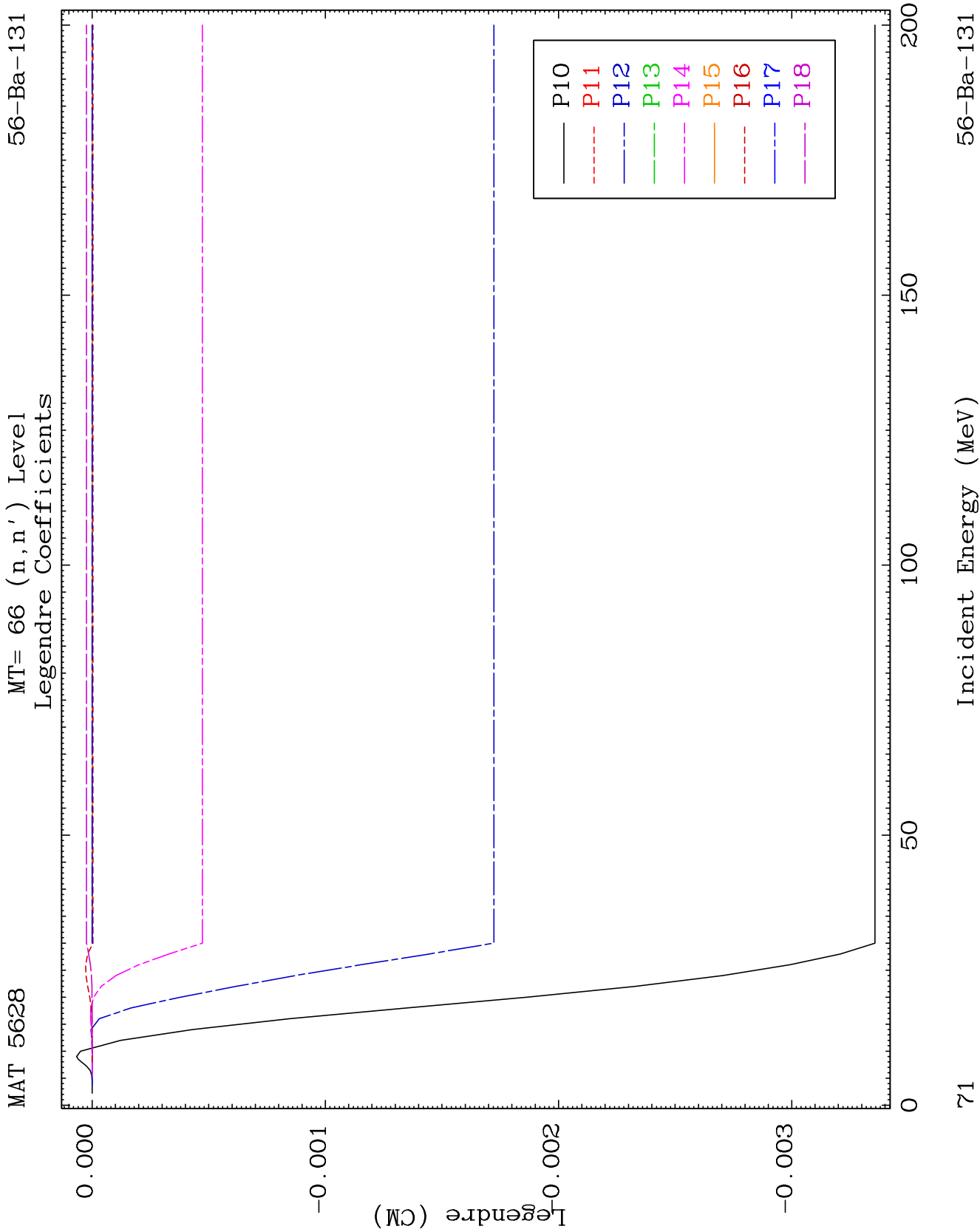
MAT 5628

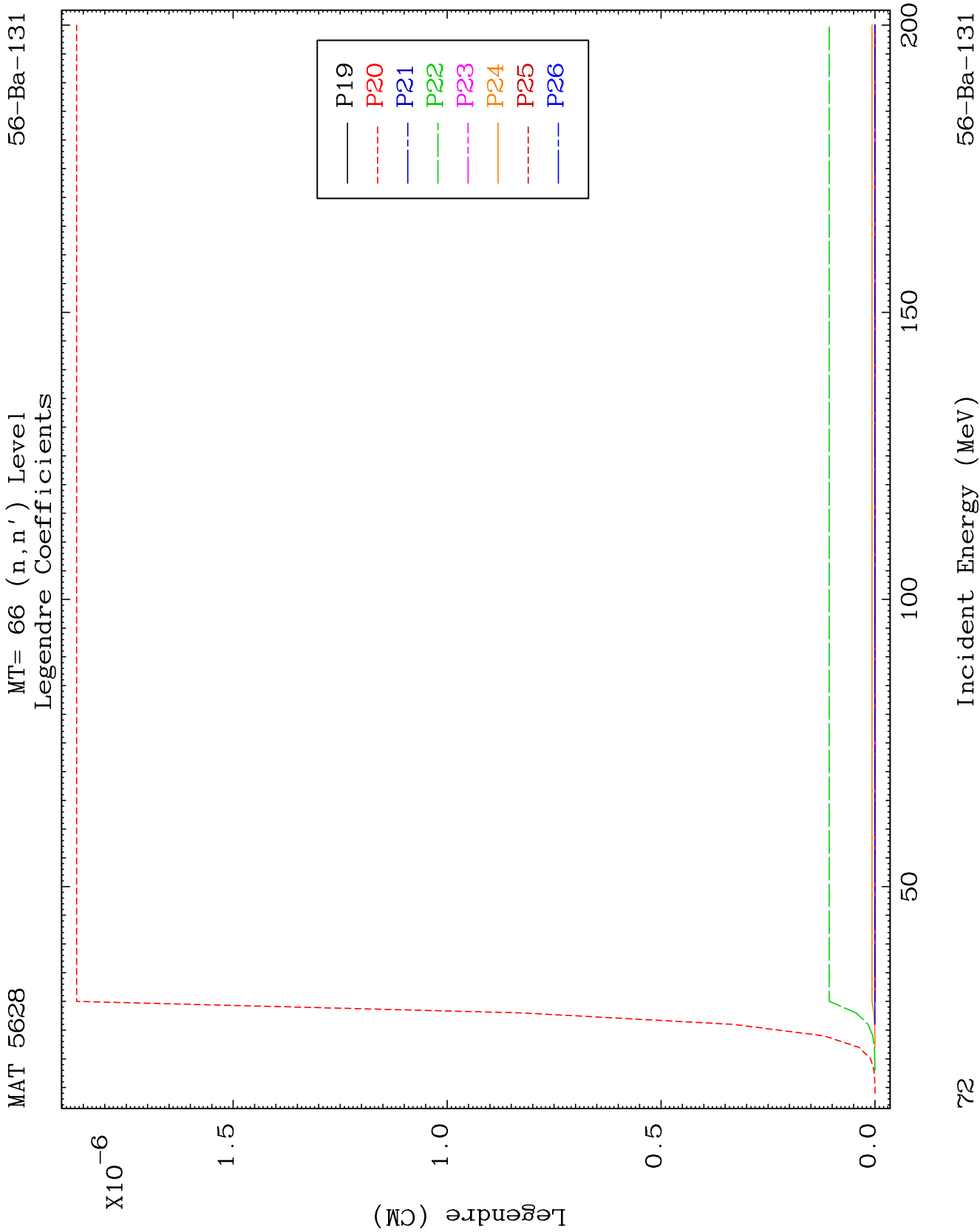
MT= 65 (n, n') Level
Legendre Coefficients

56-Ba-131





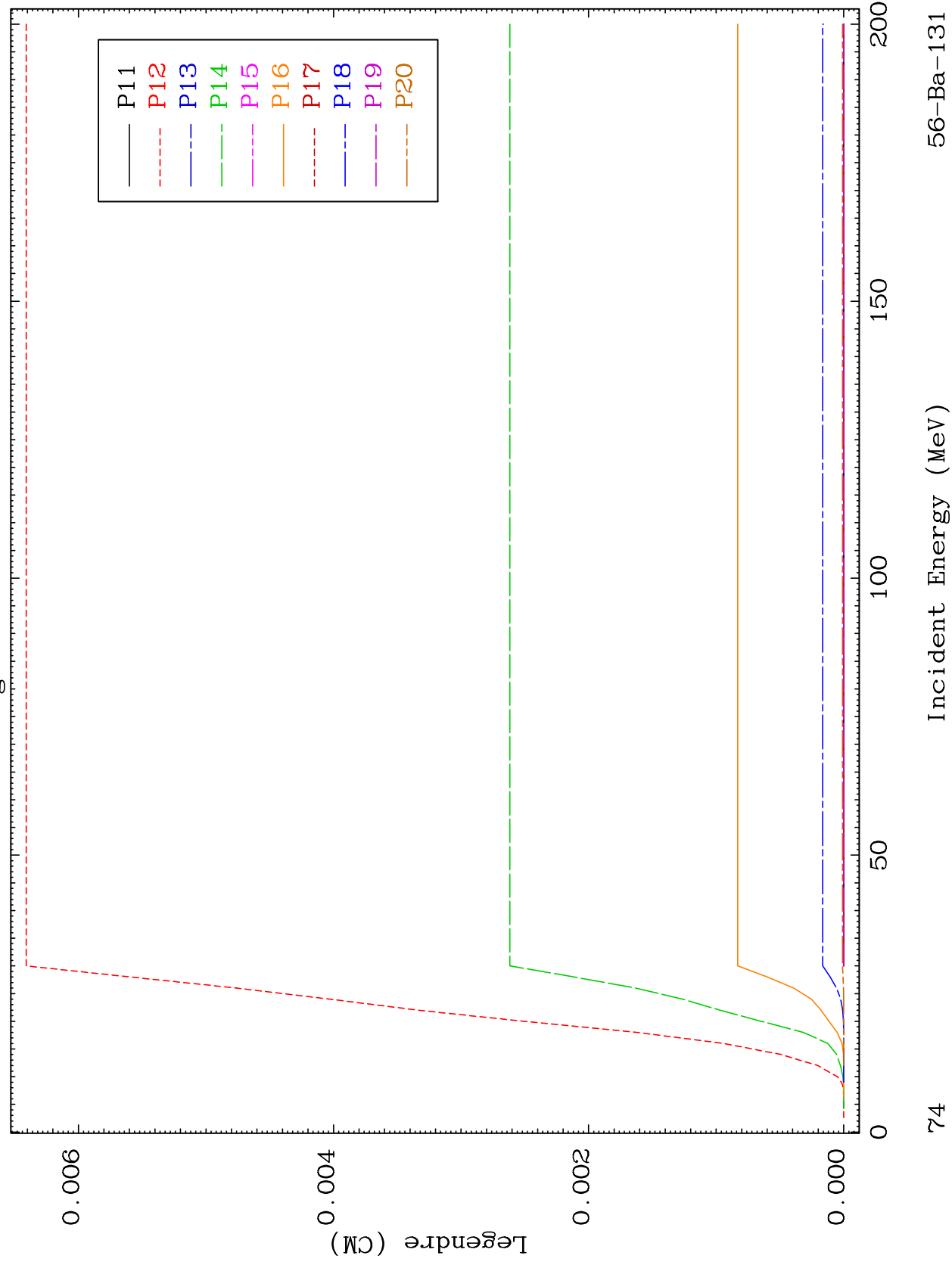


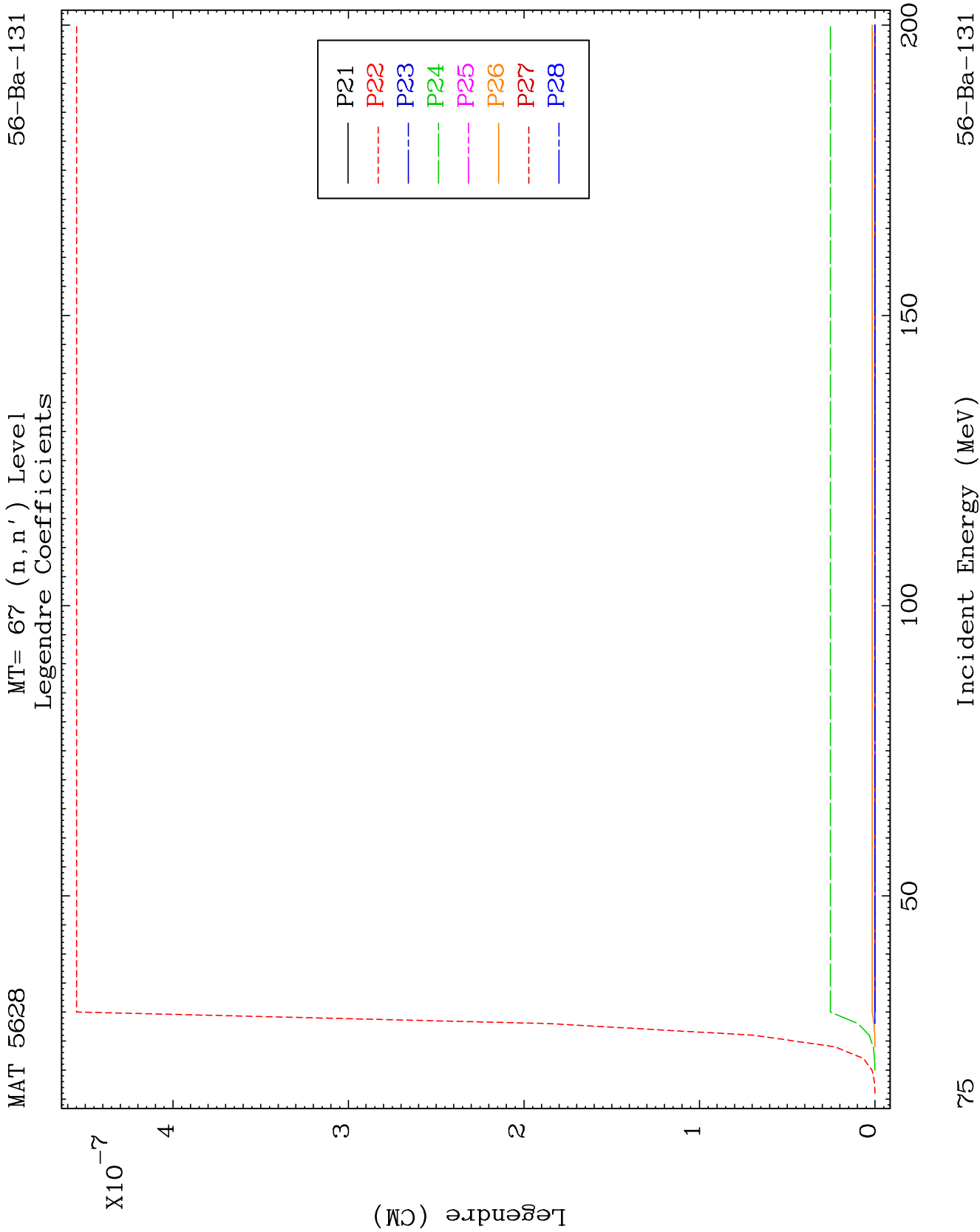


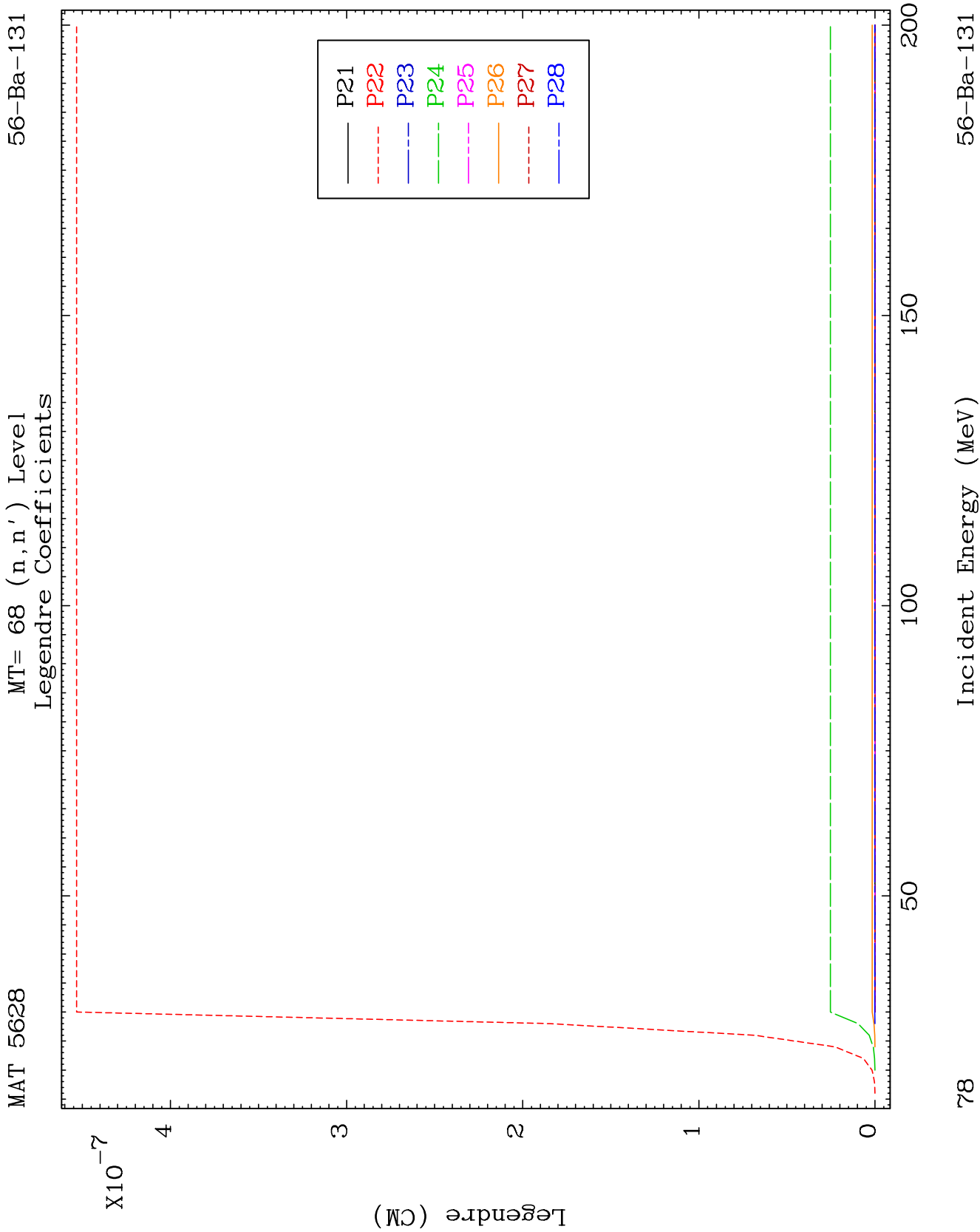
MAT 5628

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

56-Ba-131





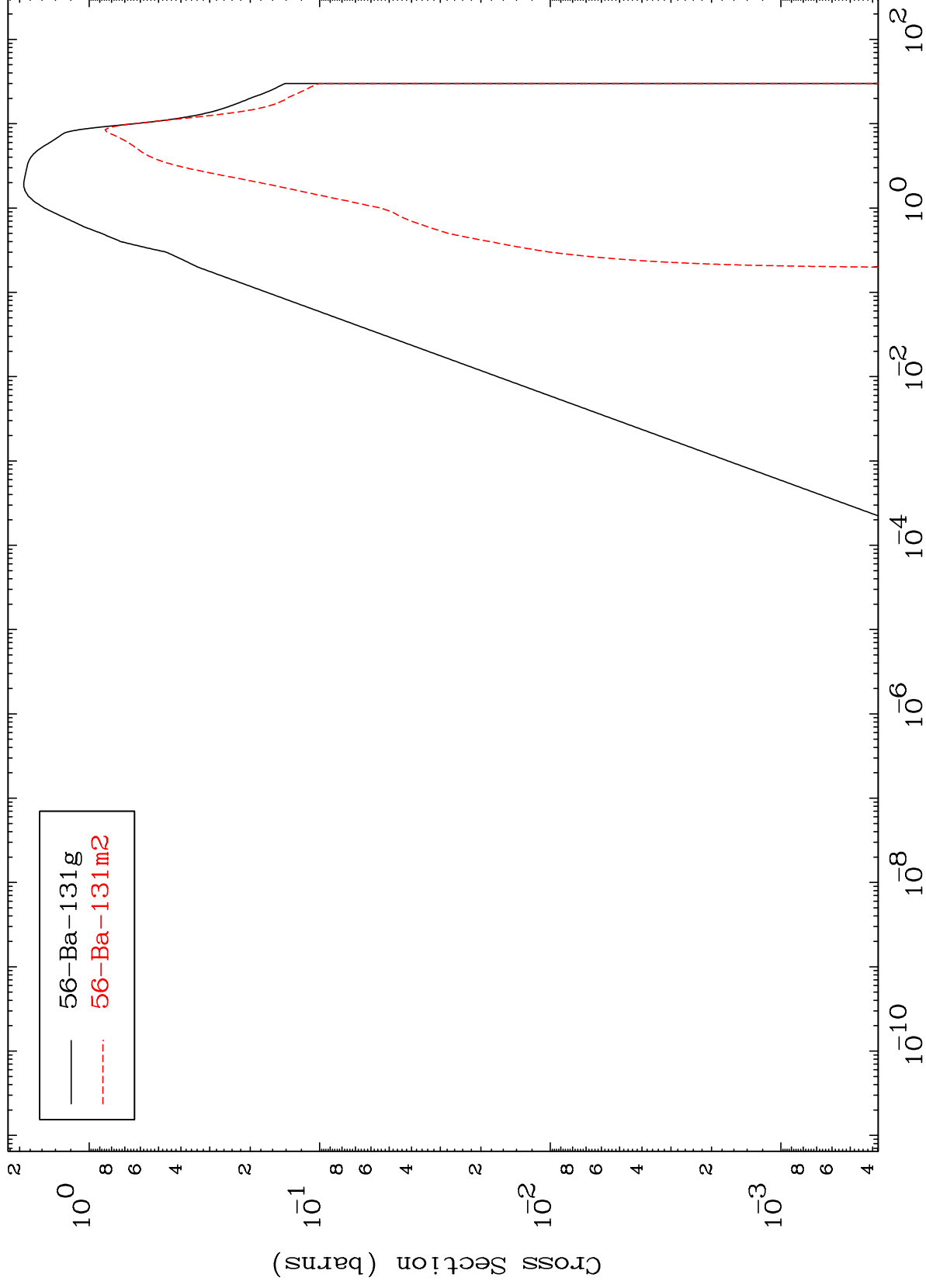


MAT 5628

Inelastic

56-Ba-131

Radionuclide Production Cross Section



79

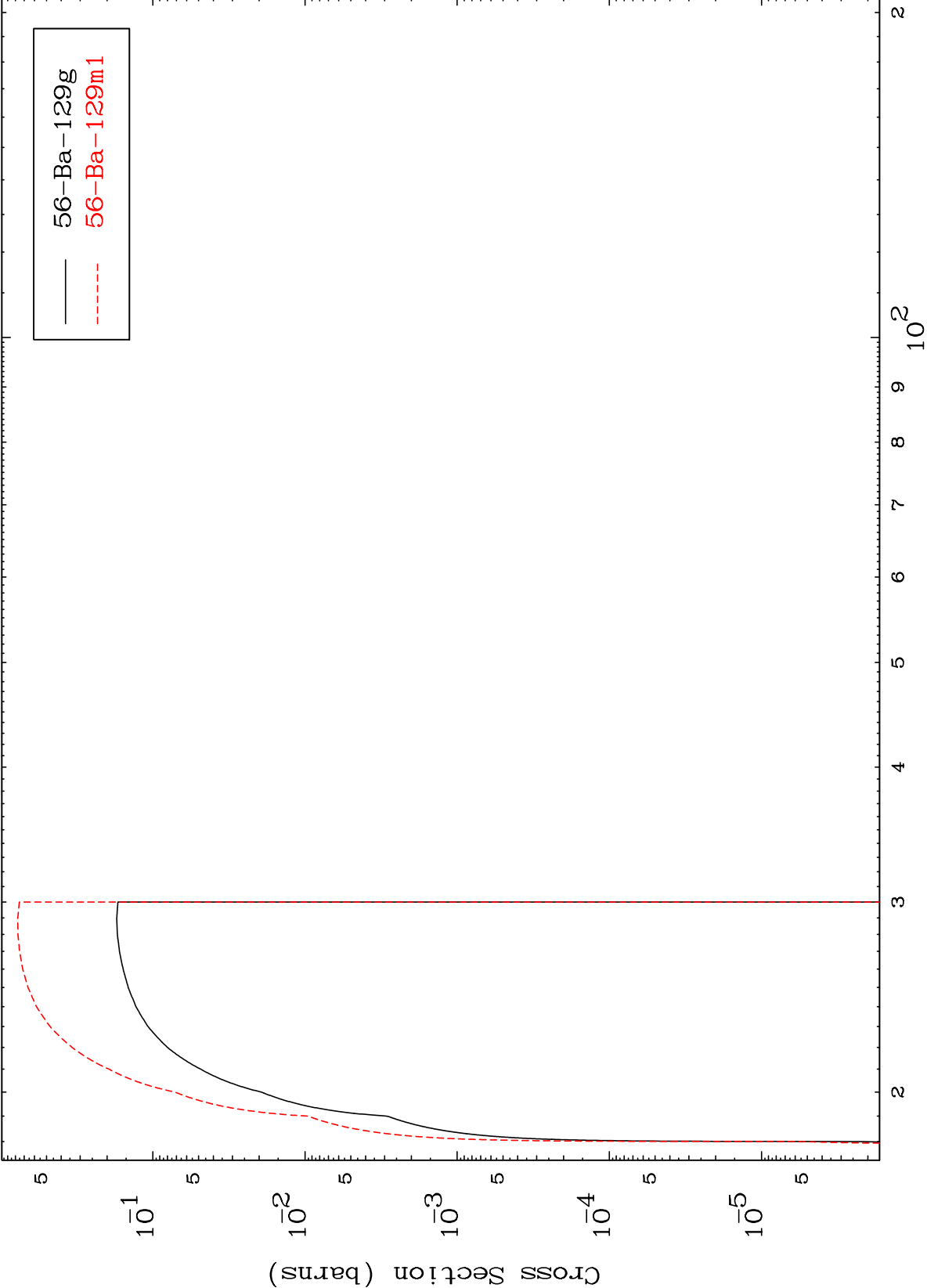
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,3n)
Radionuclide Production Cross Section



80

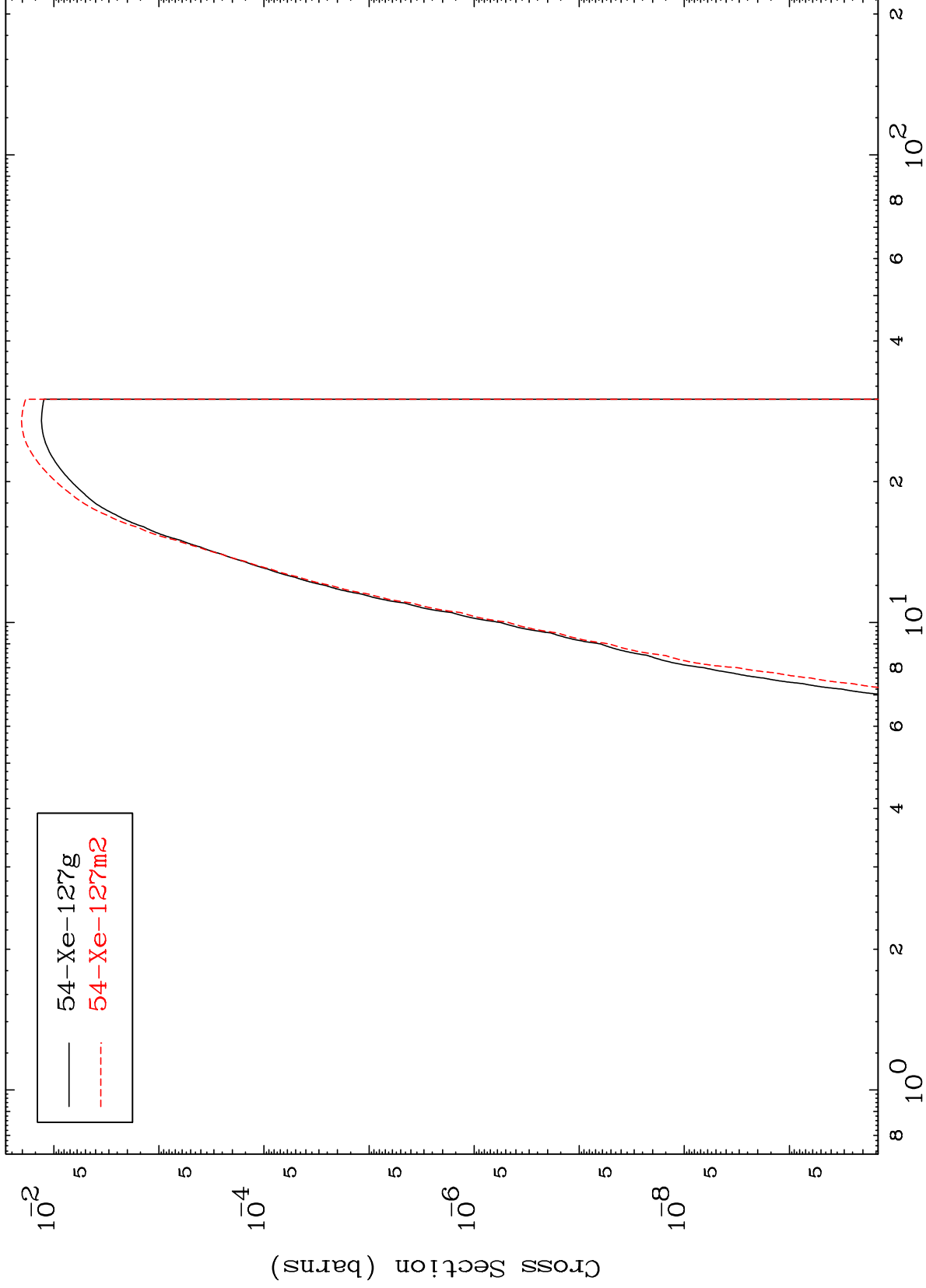
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

$(n,n') \alpha$
Radionuclide Production Cross Section

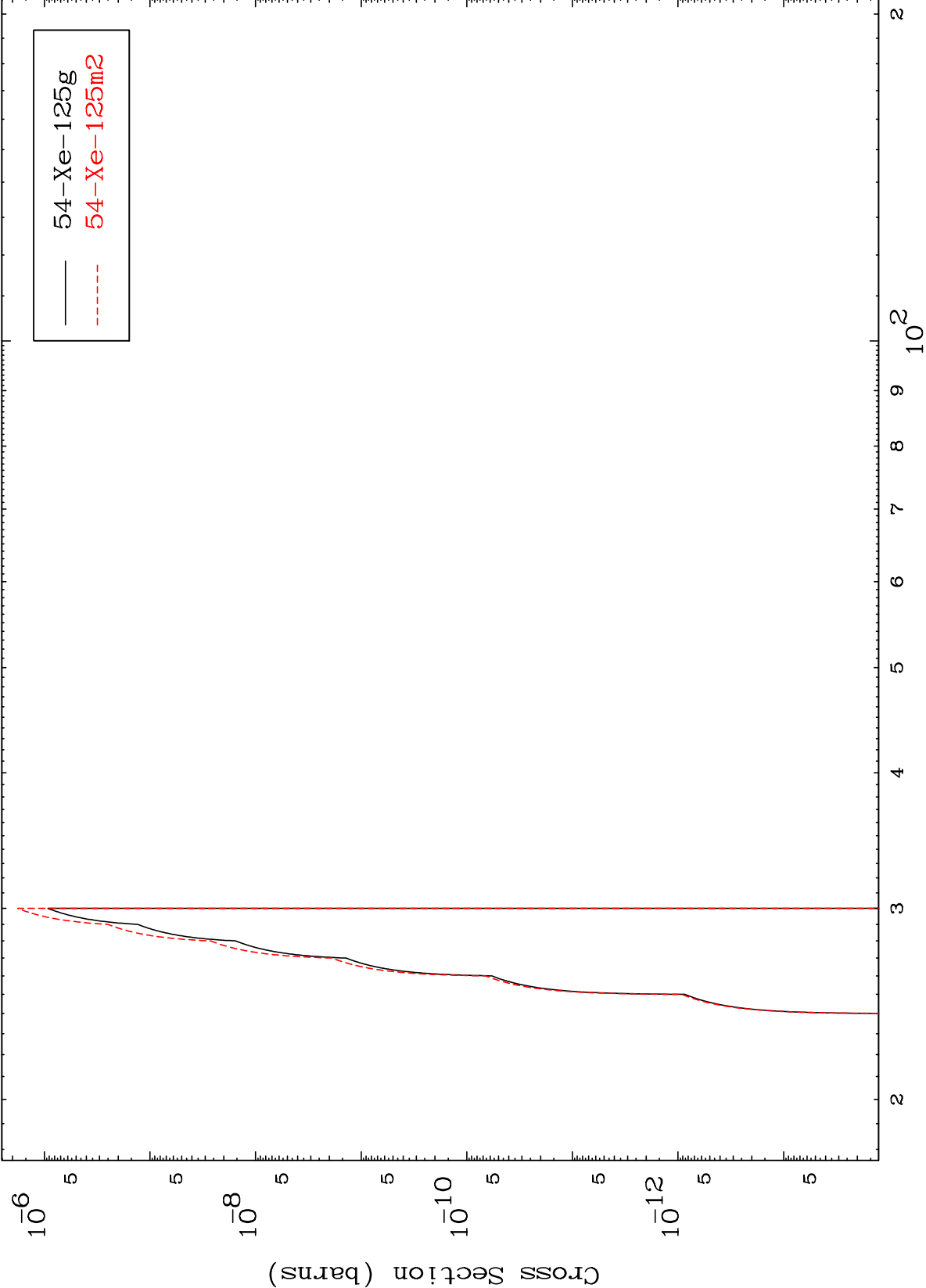


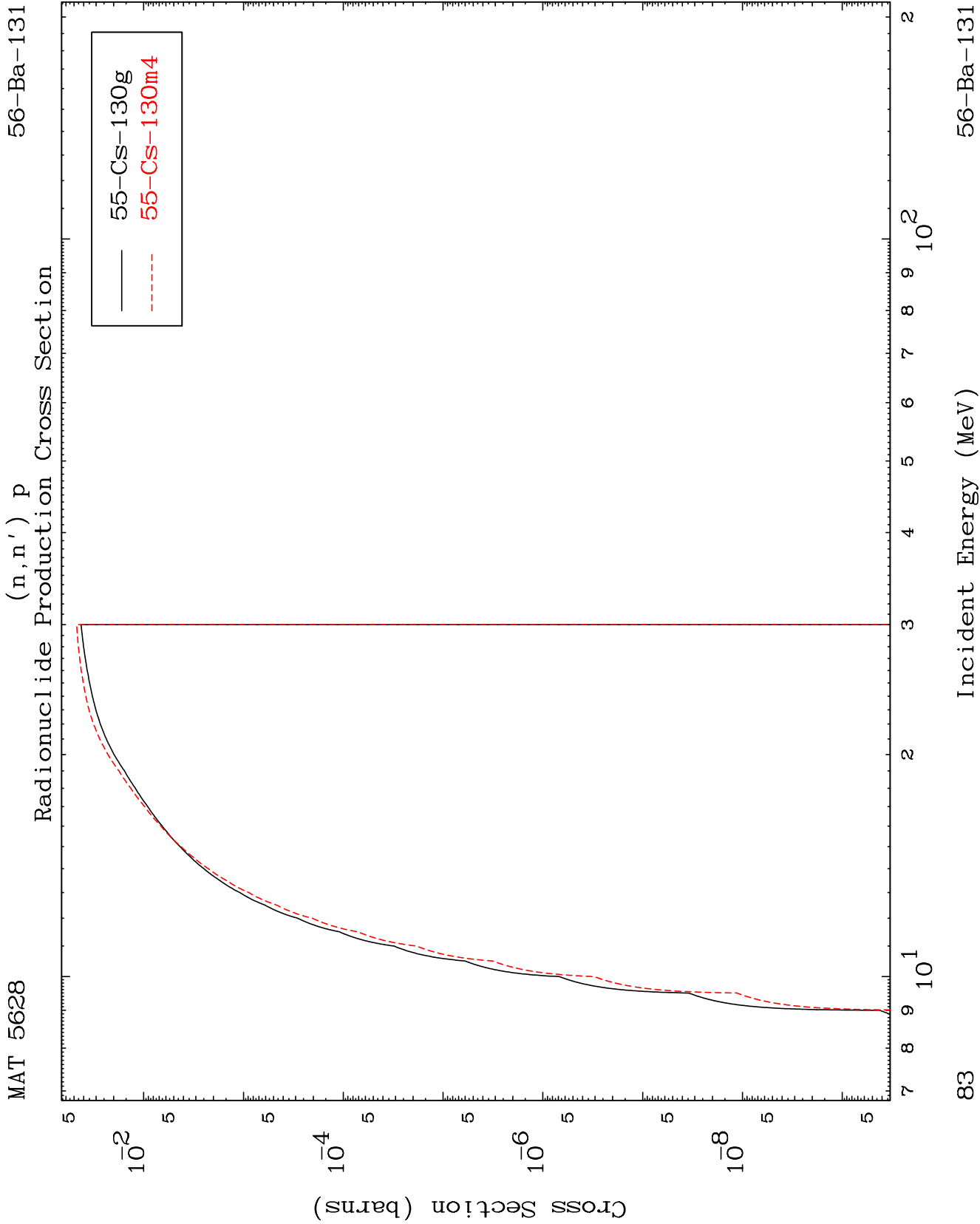
81

Incident Energy (MeV)

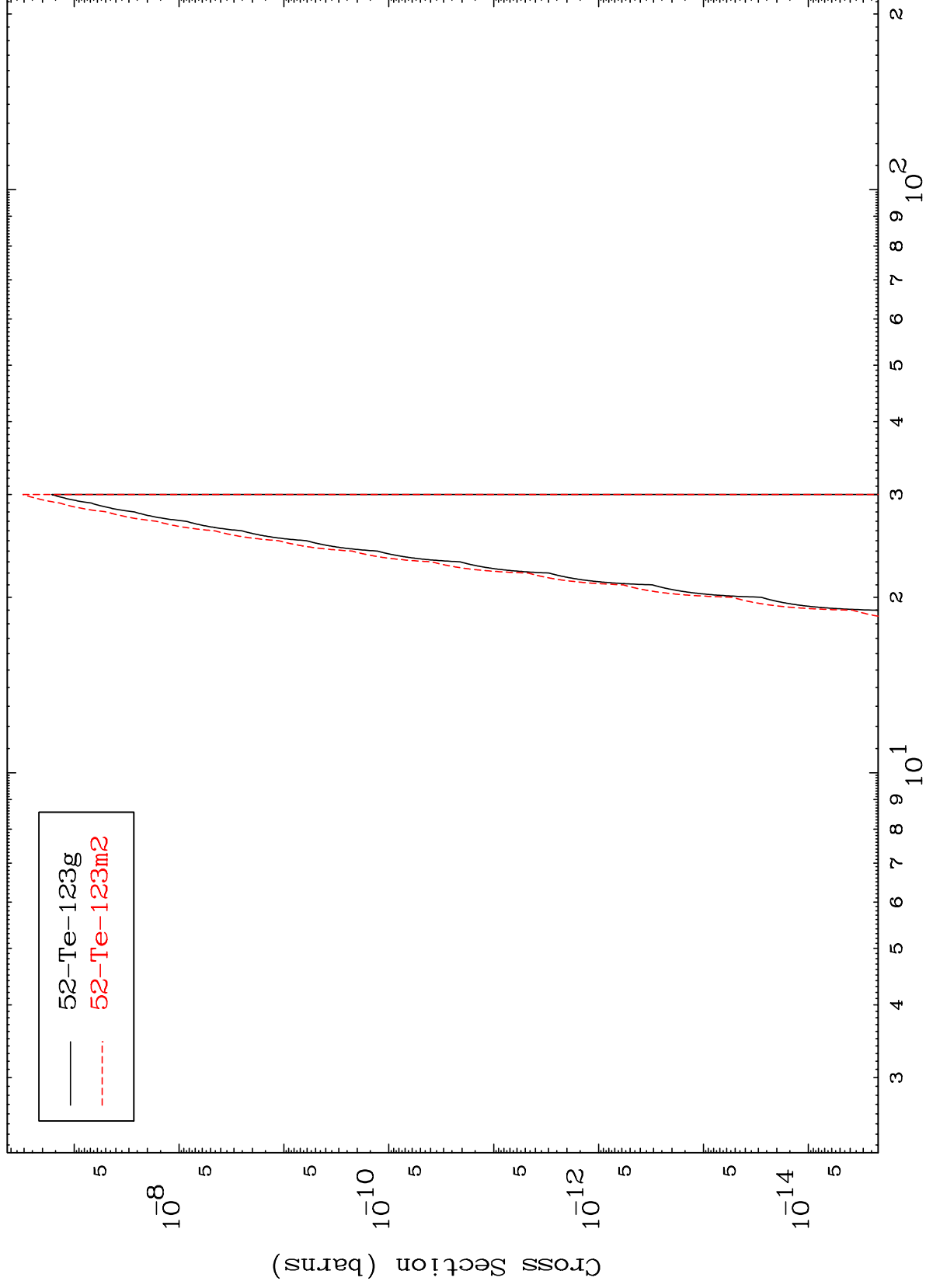
56-Ba-131

$(n,3n) \alpha$
Radionuclide Production Cross Section





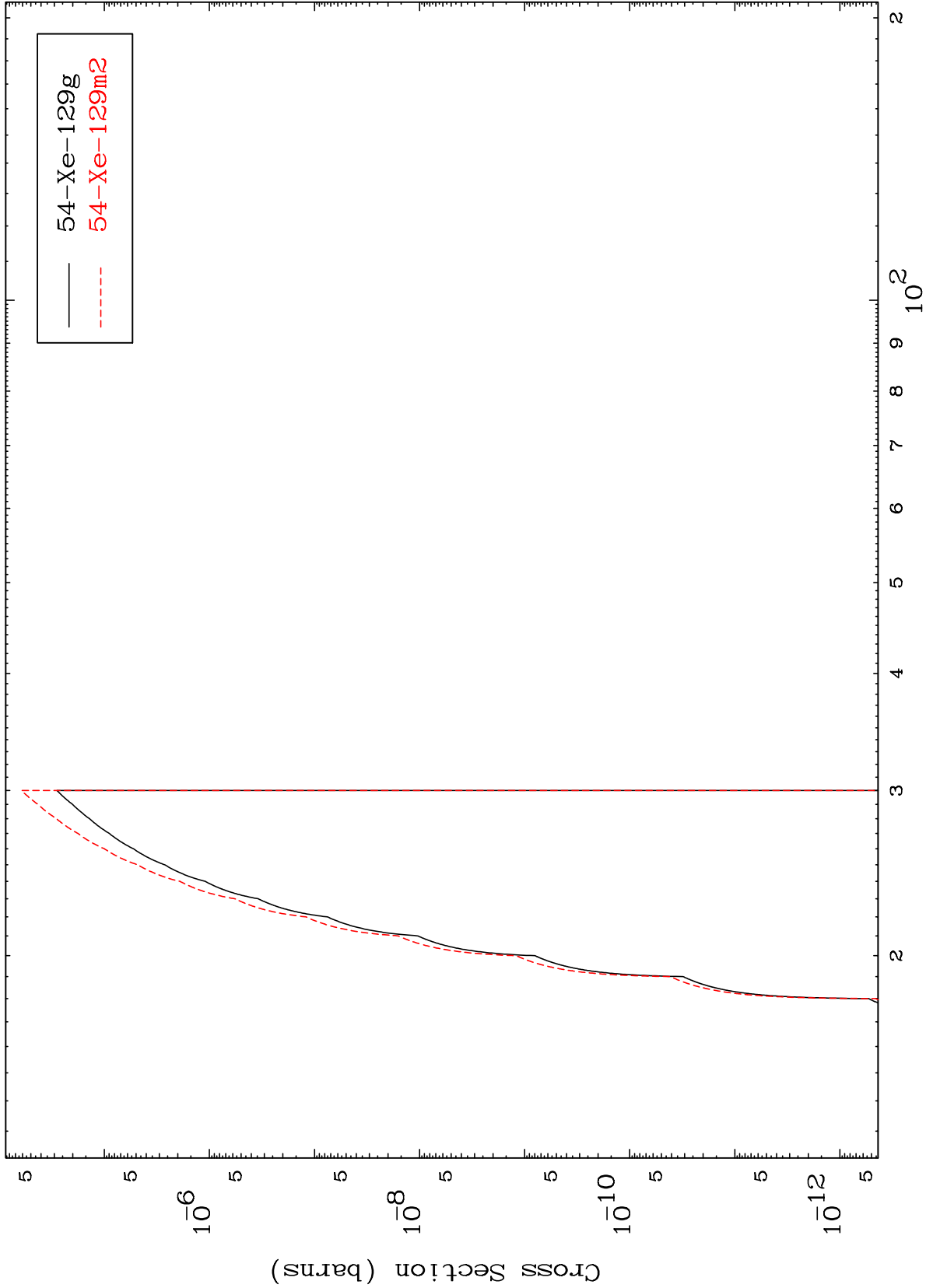
(n,n') 2α
Radionuclide Production Cross Section



MAT 5628

56-Ba-131

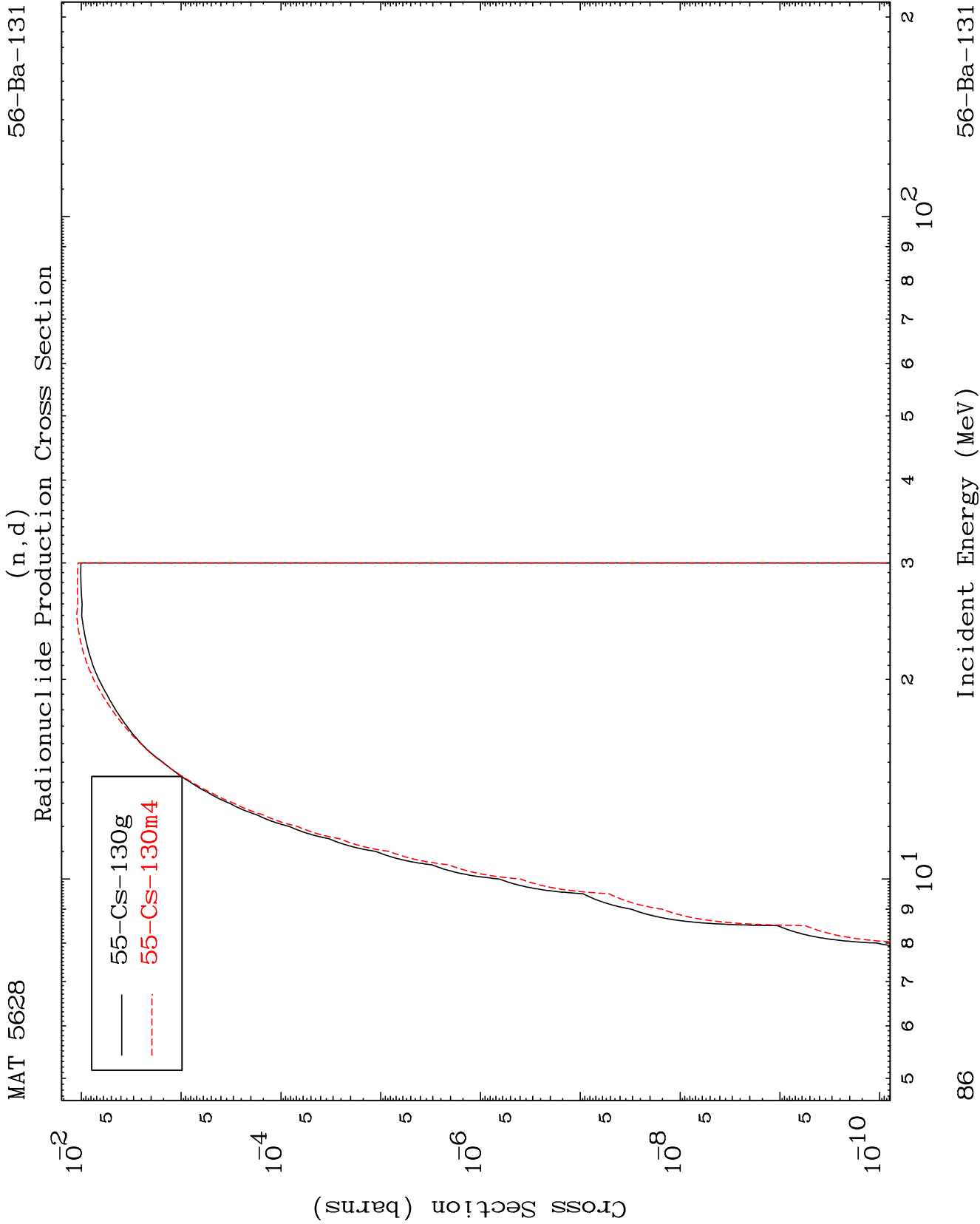
(n,2n) p
Radionuclide Production Cross Section



85

Incident Energy (MeV)

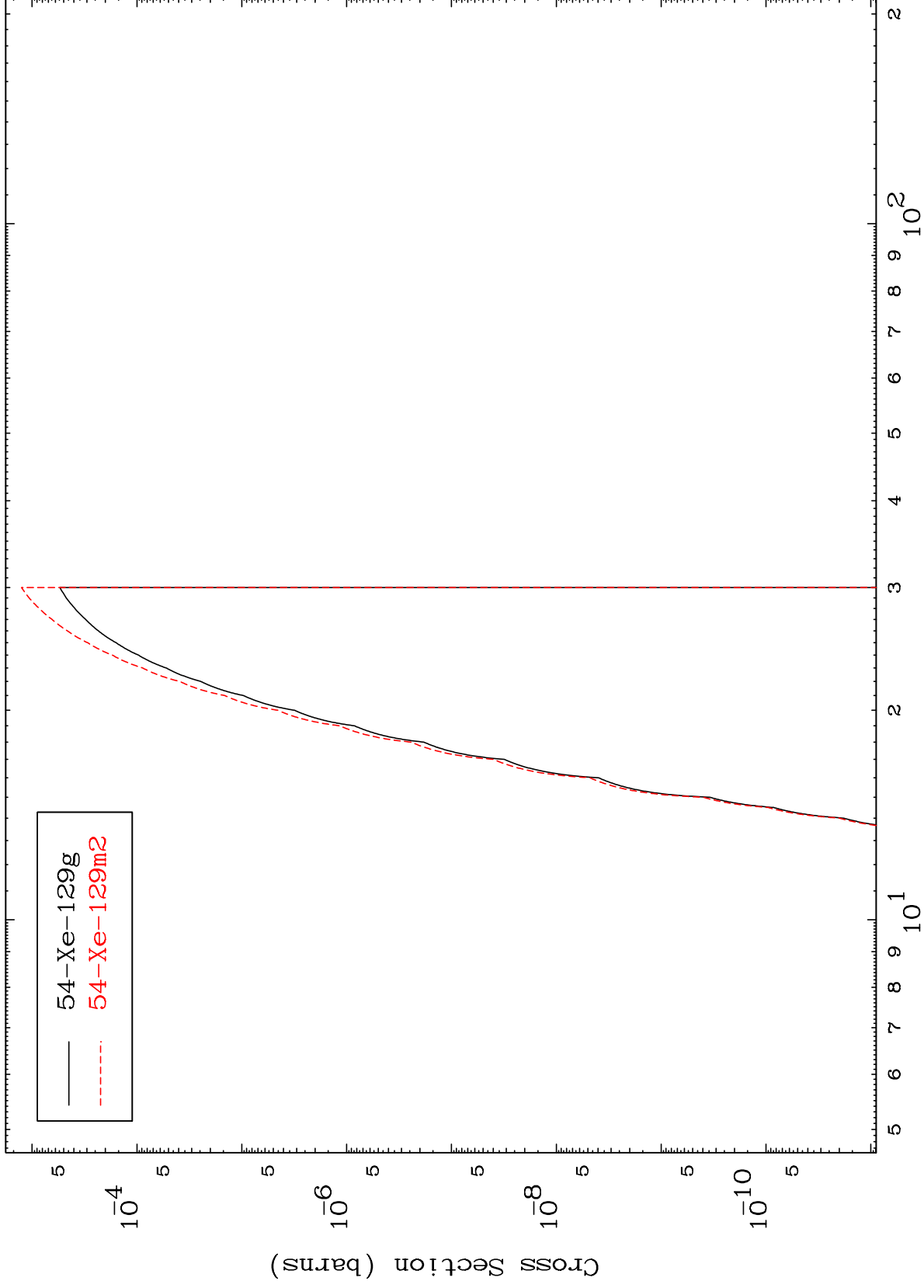
56-Ba-131



MAT 5628

56-Ba-131

Radionuclide Production Cross Section
(n,He-3)



87

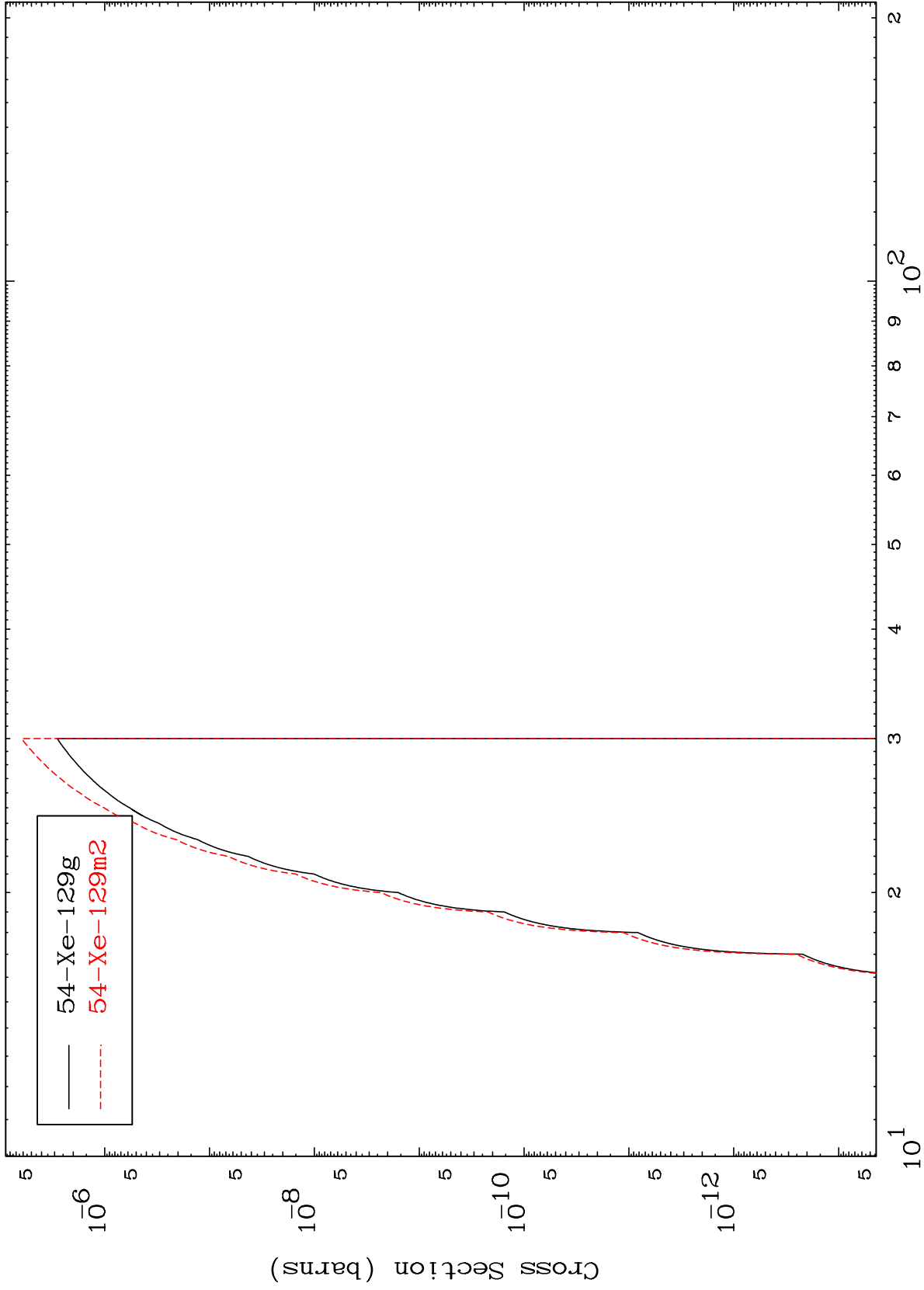
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,p) d
Radionuclide Production Cross Section



56-Ba-131

Incident Energy (MeV)

88