

Program EVALPLOT
(Version 2017-1)

by

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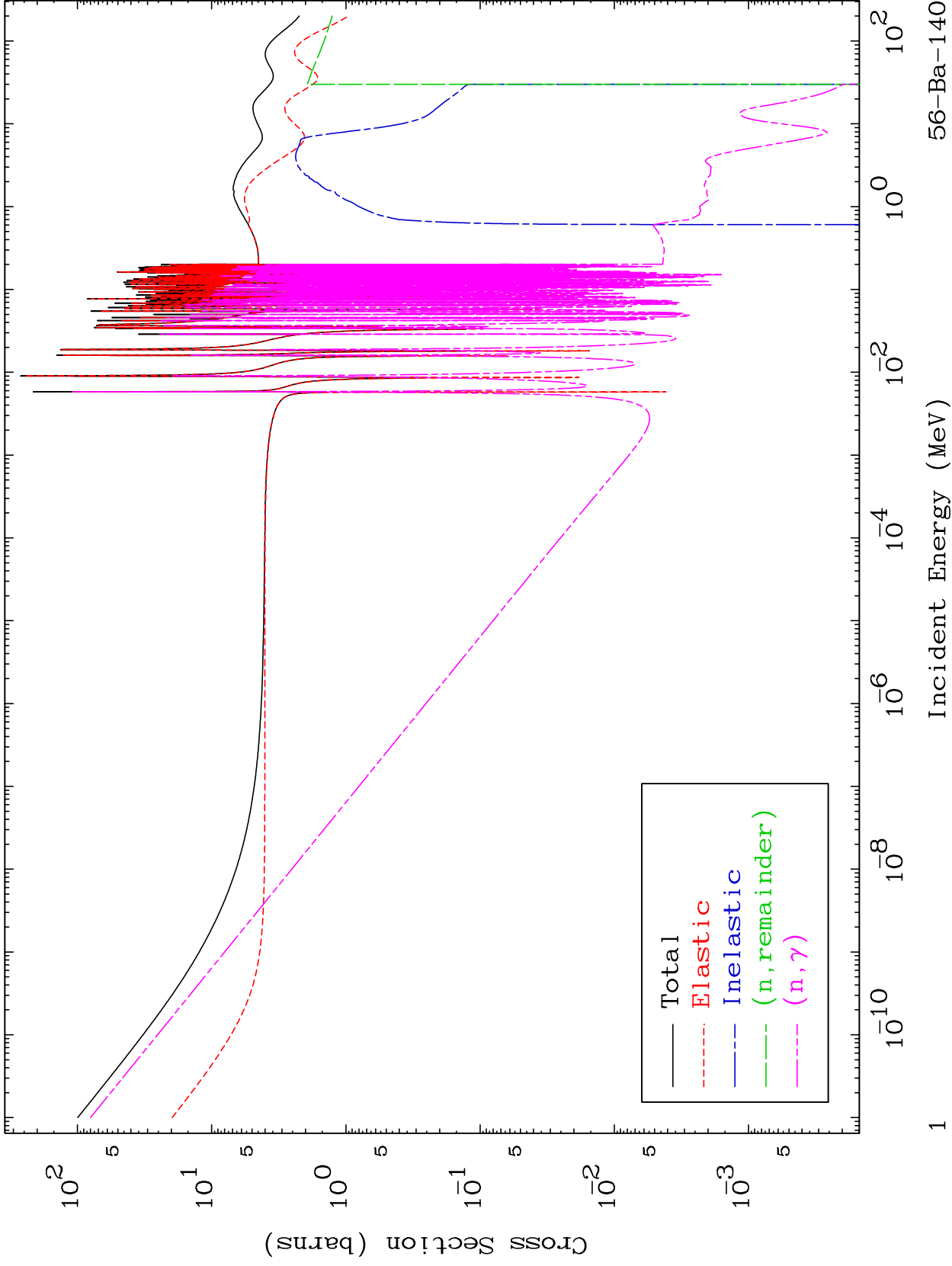
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5655

Major
293 Kelvin Cross Sections

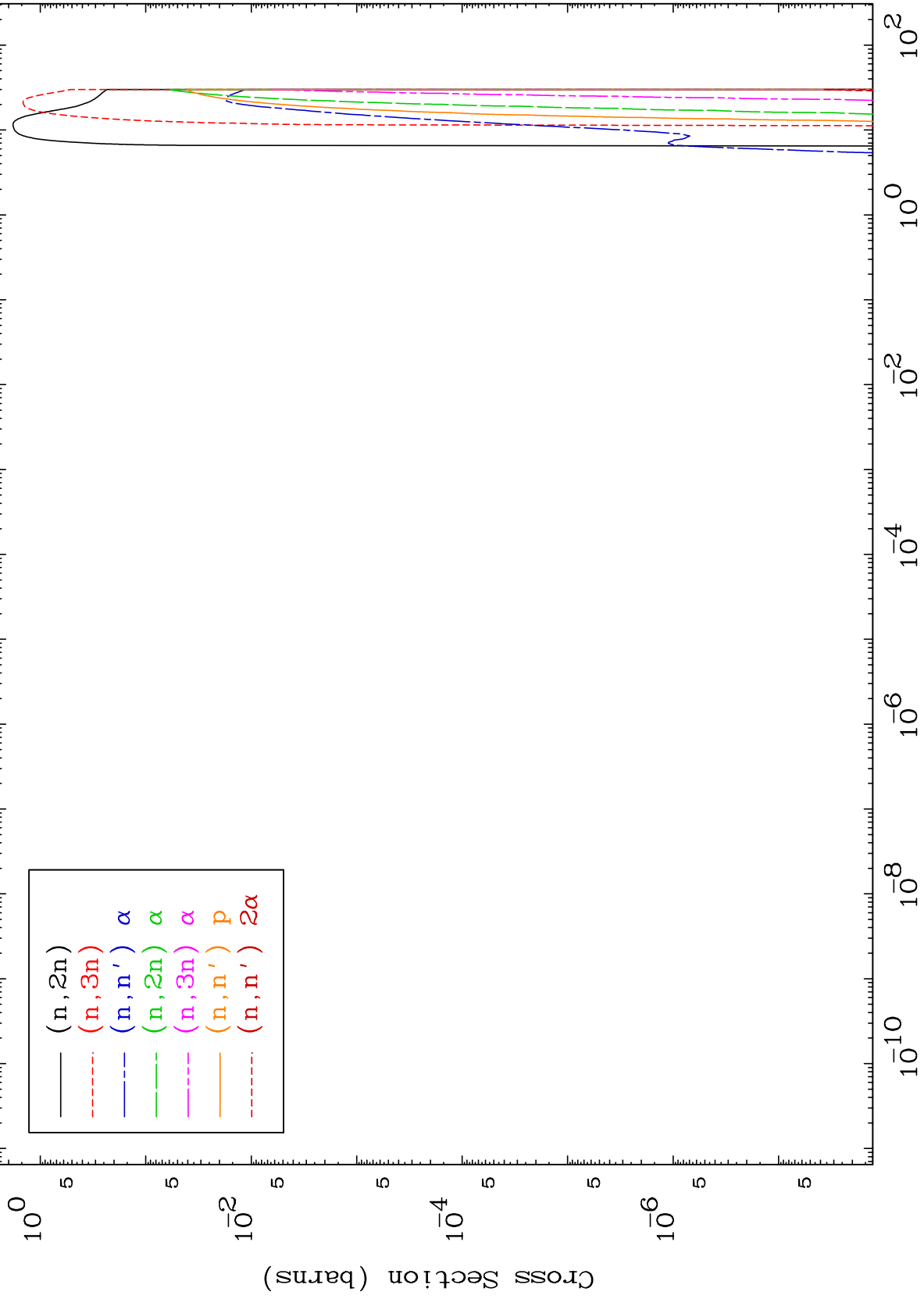
56-Ba-140



MAT 5655

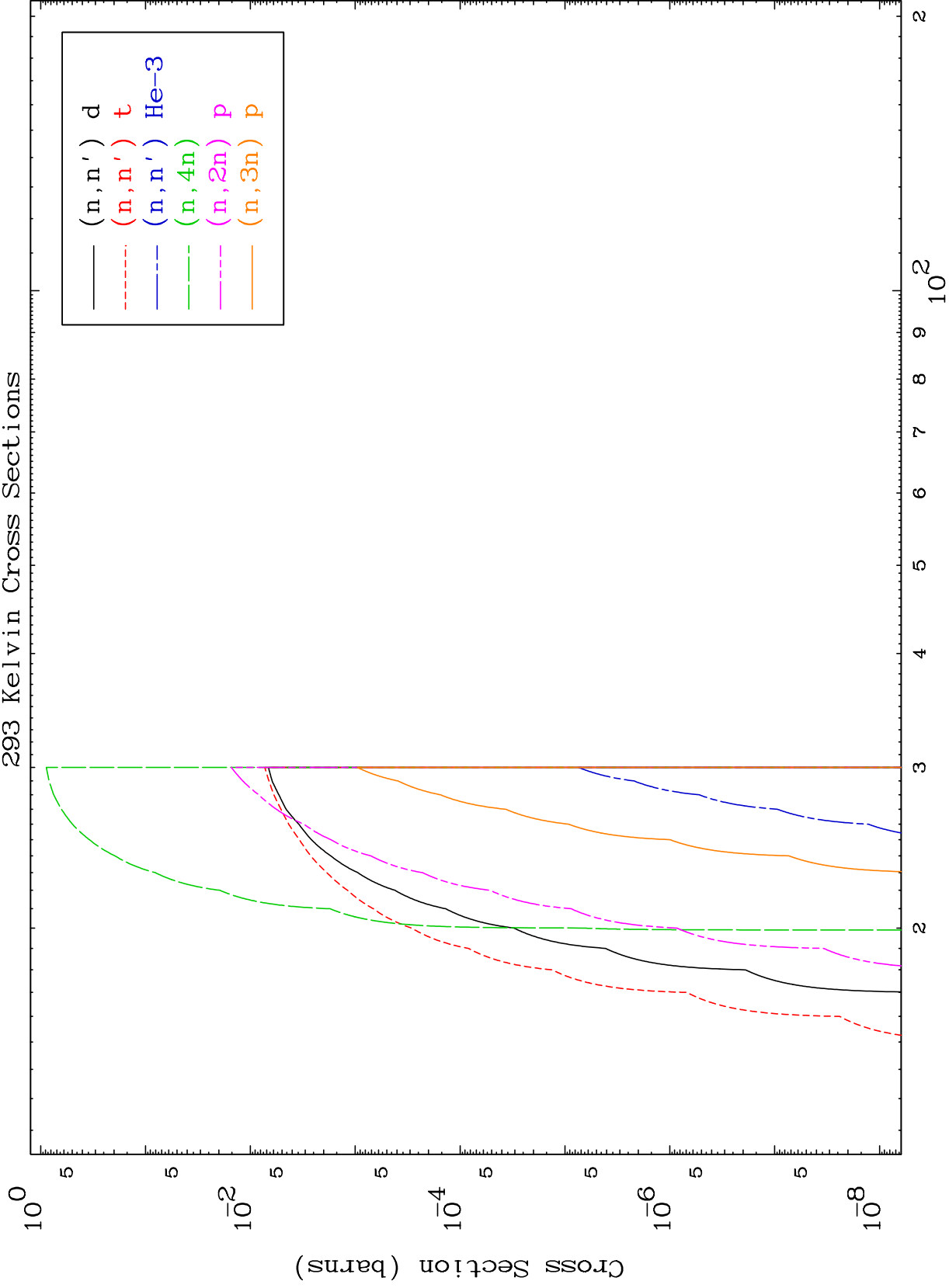
Neutron Production
293 Kelvin Cross Sections

56-Ba-140



56-Ba-140

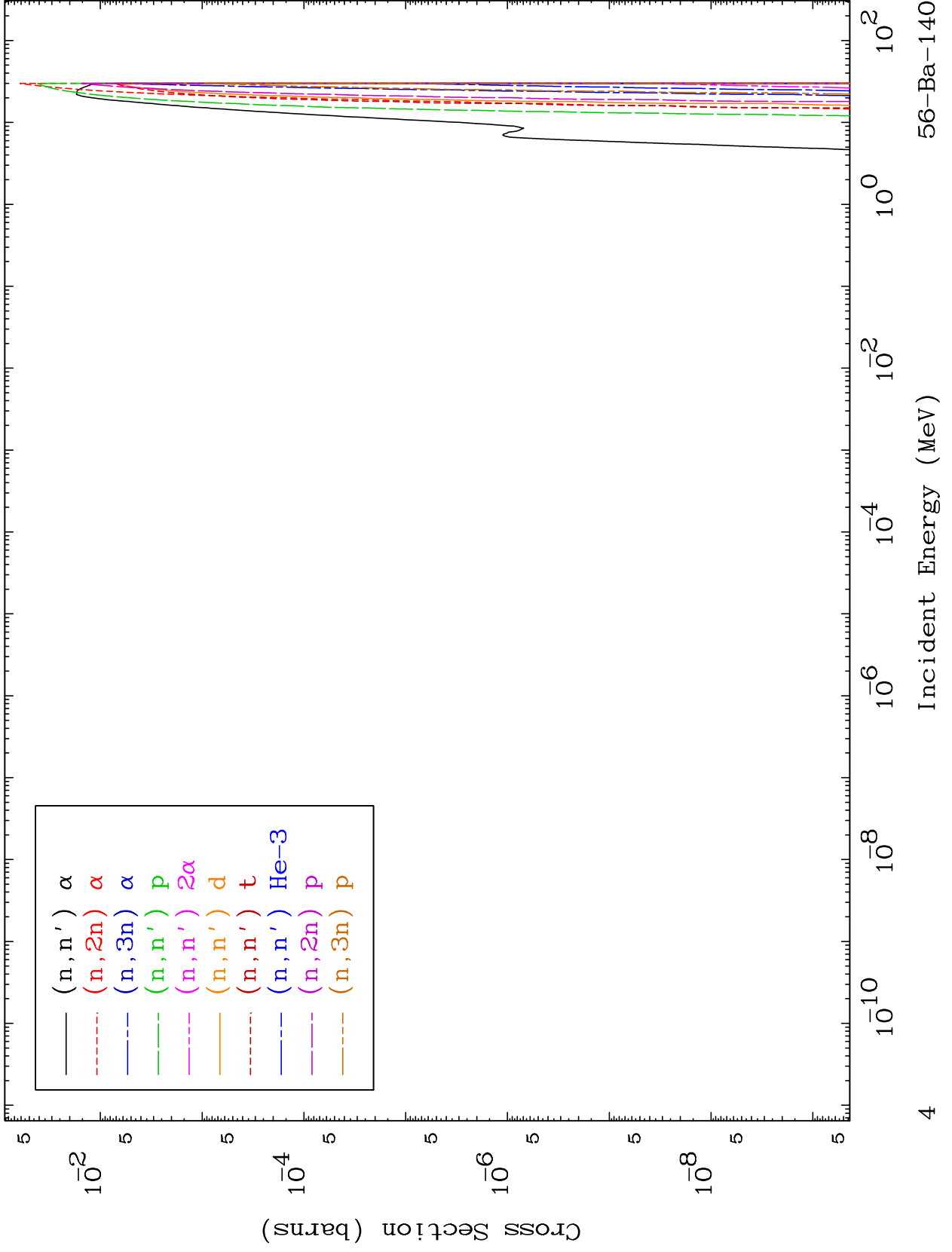
Incident Energy (MeV)



MAT 5655

Charged Particle
293 Kelvin Cross Sections

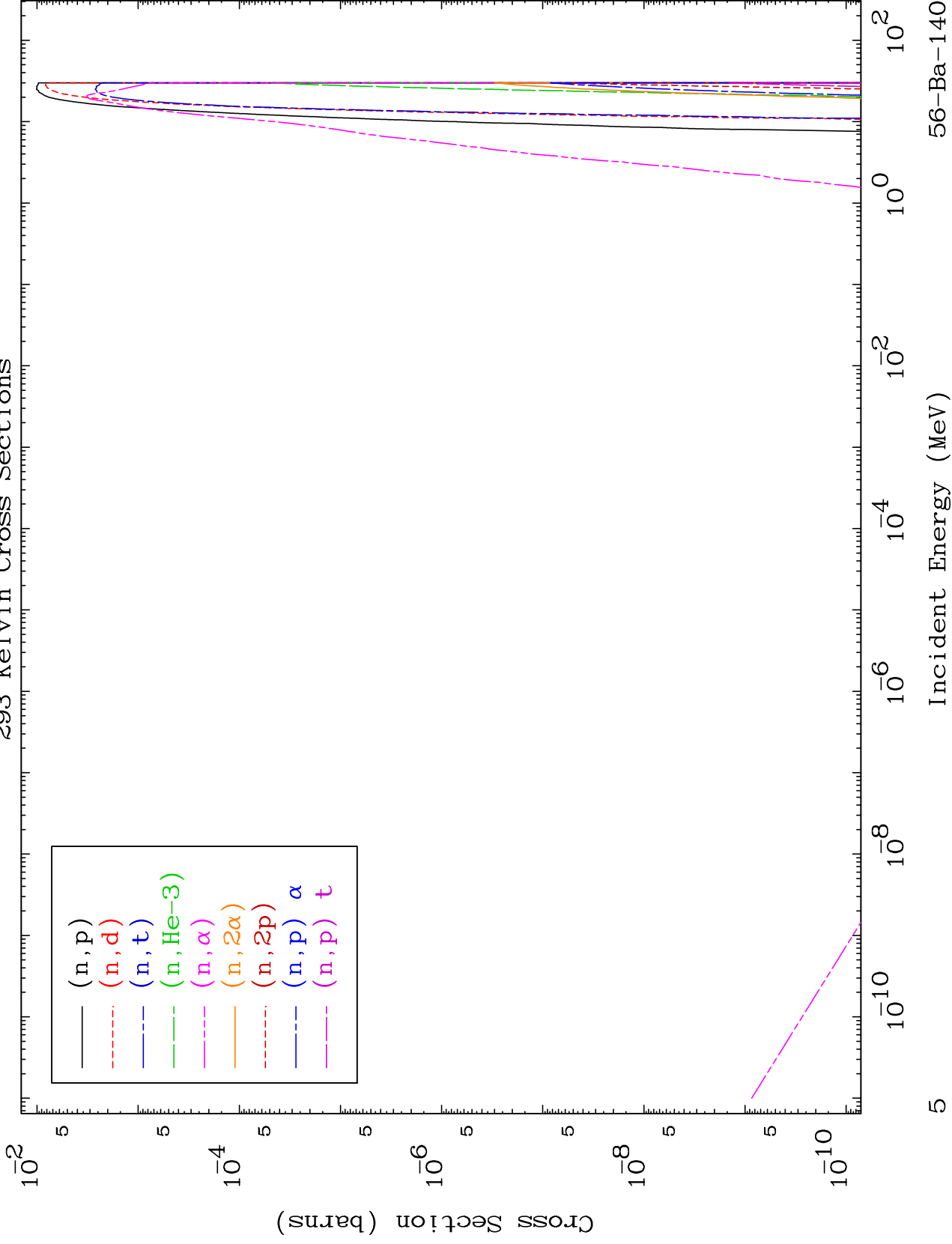
56-Ba-140



MAT 5655

Charged Particle
293 Kelvin Cross Sections

56-Ba-140



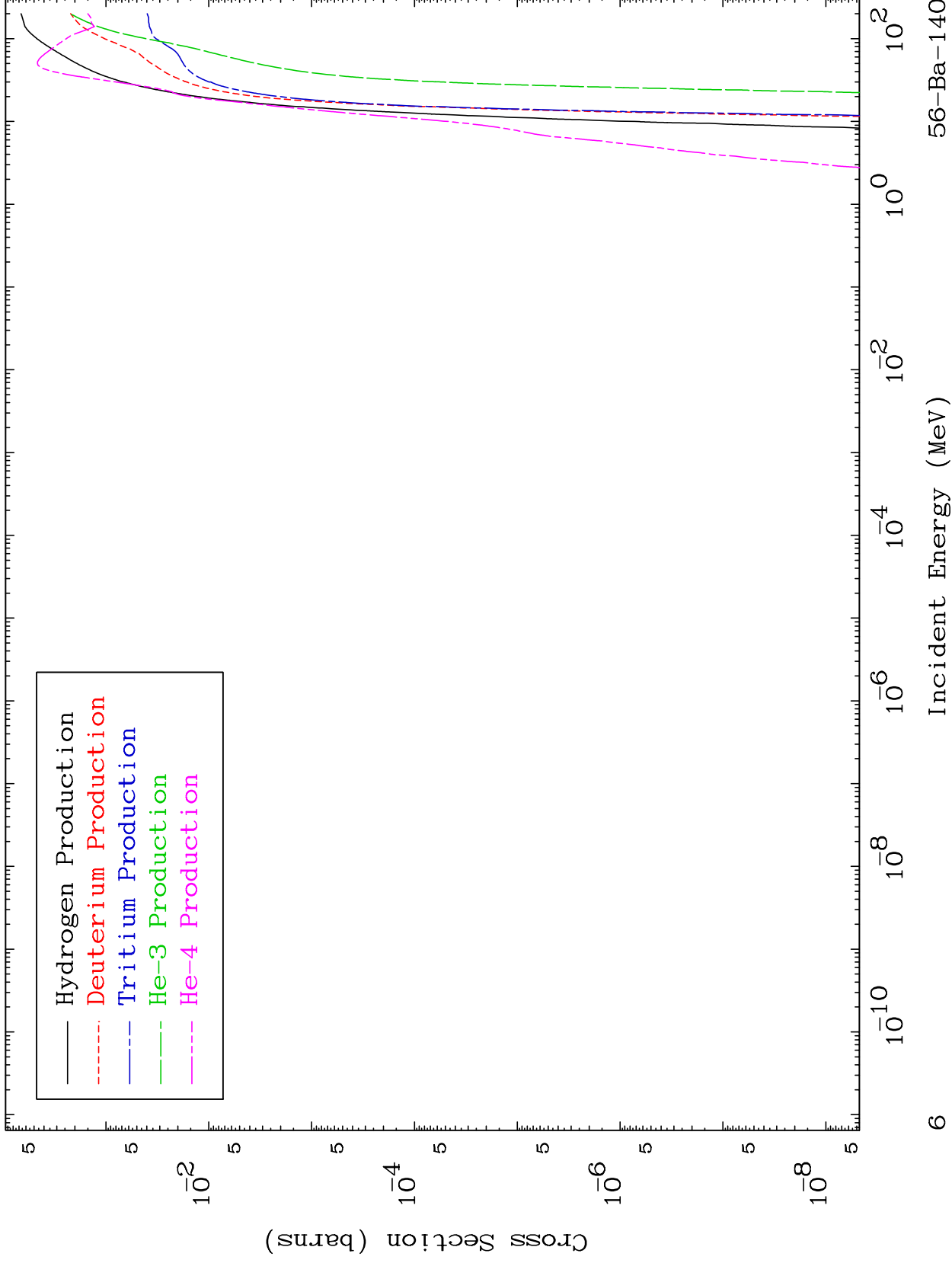
5

56-Ba-140

MAT 5655

Particle Production
293 Kelvin Cross Sections

56-Ba-140

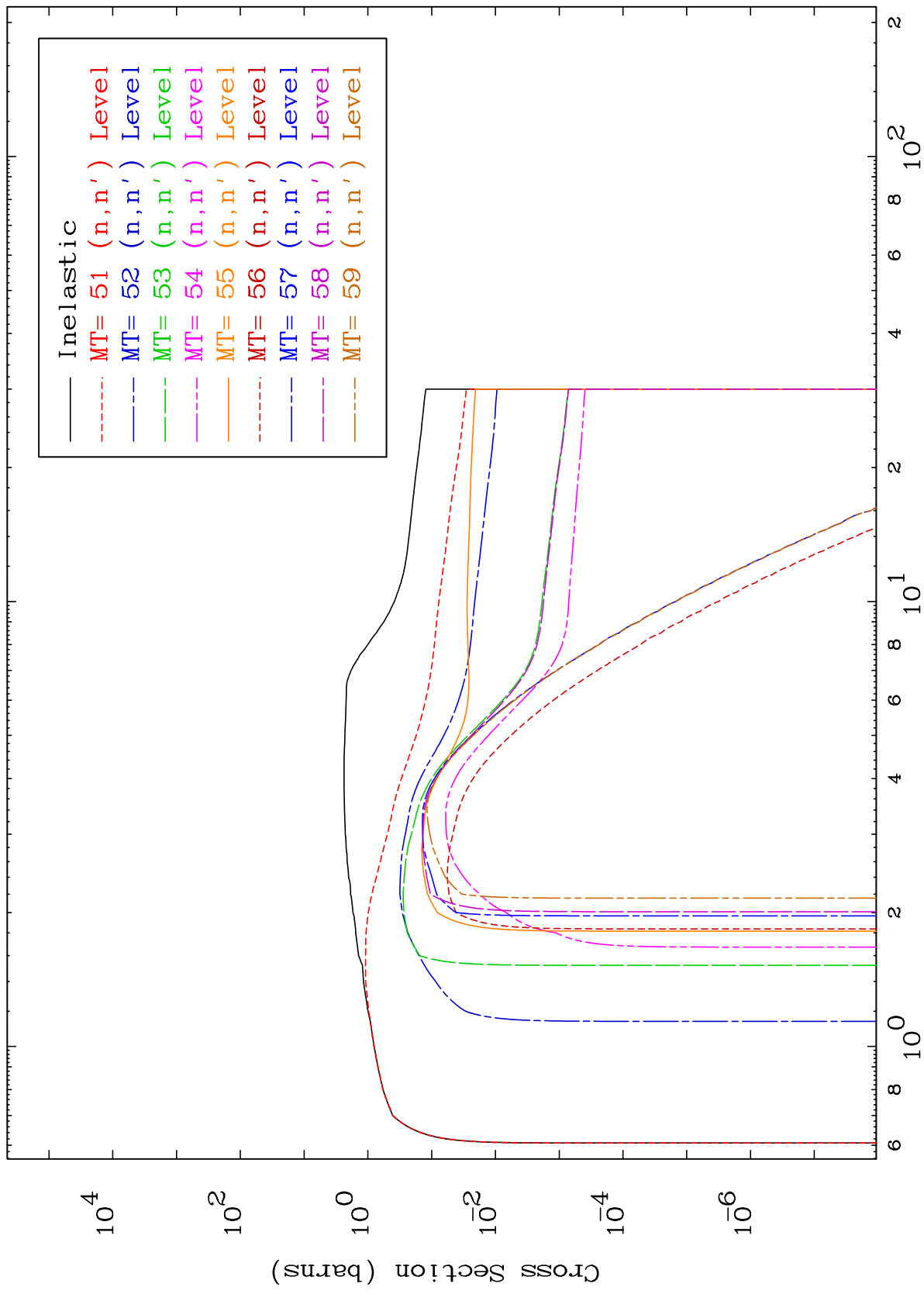


MAT 5655

(n,n') Level

56-Ba-140

293 Kelvin Cross Sections



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Incident Energy (MeV)

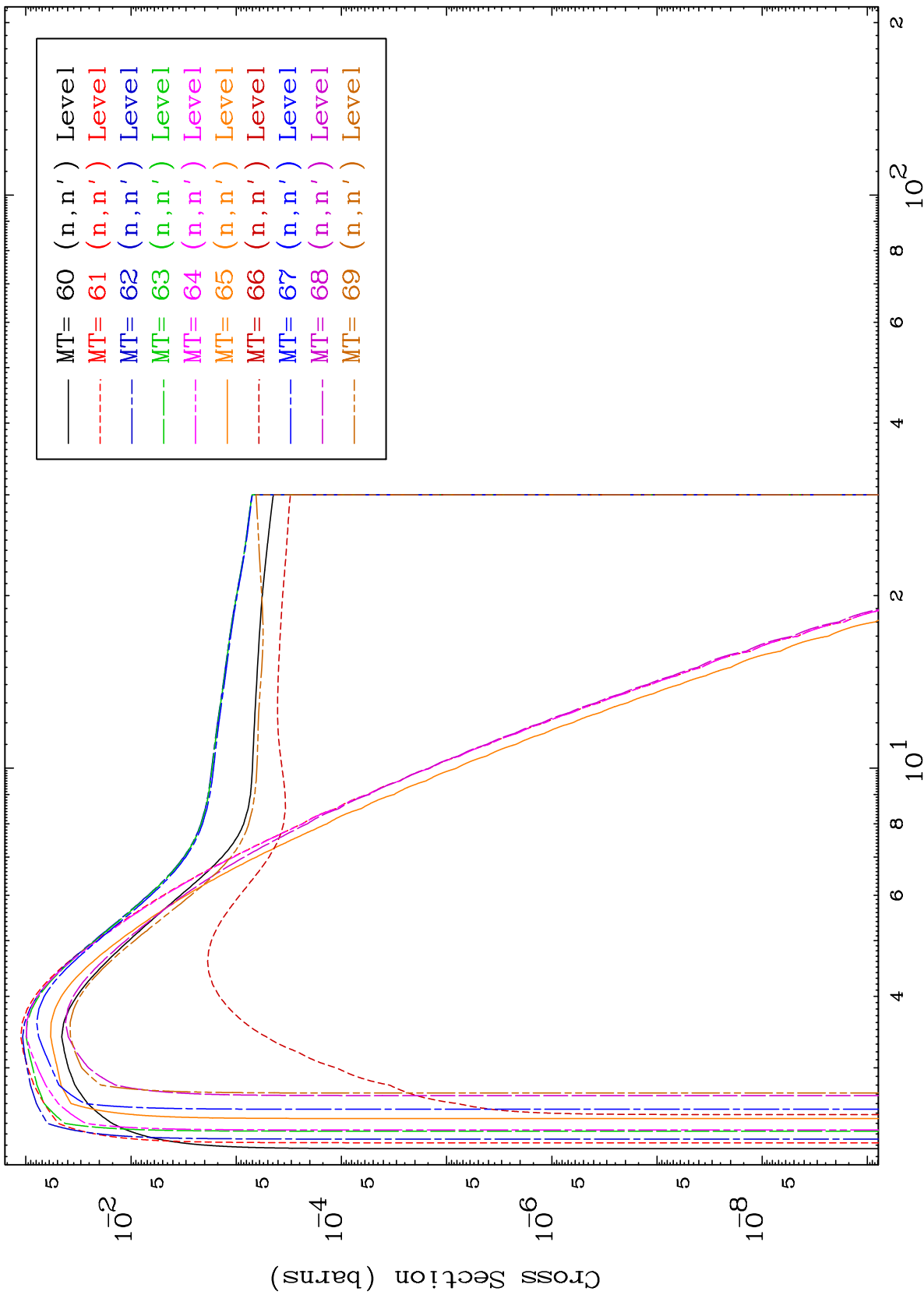
56-Ba-140

MAT 5655

(n,n') Level

56-Ba-140

293 Kelvin Cross Sections



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Incident Energy (MeV)

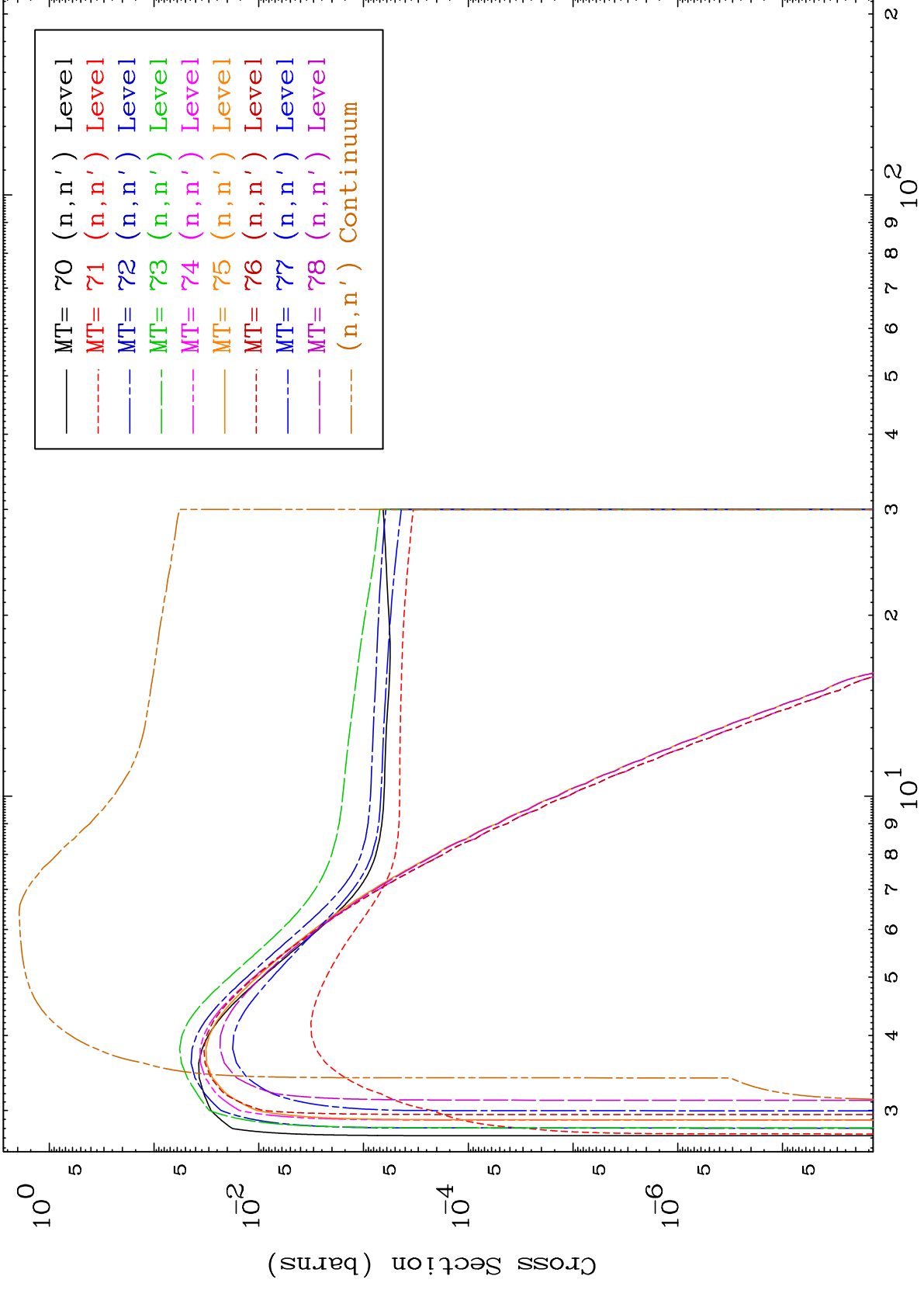
56-Ba-140

MAT 5655

(n,n') Level

56-Ba-140

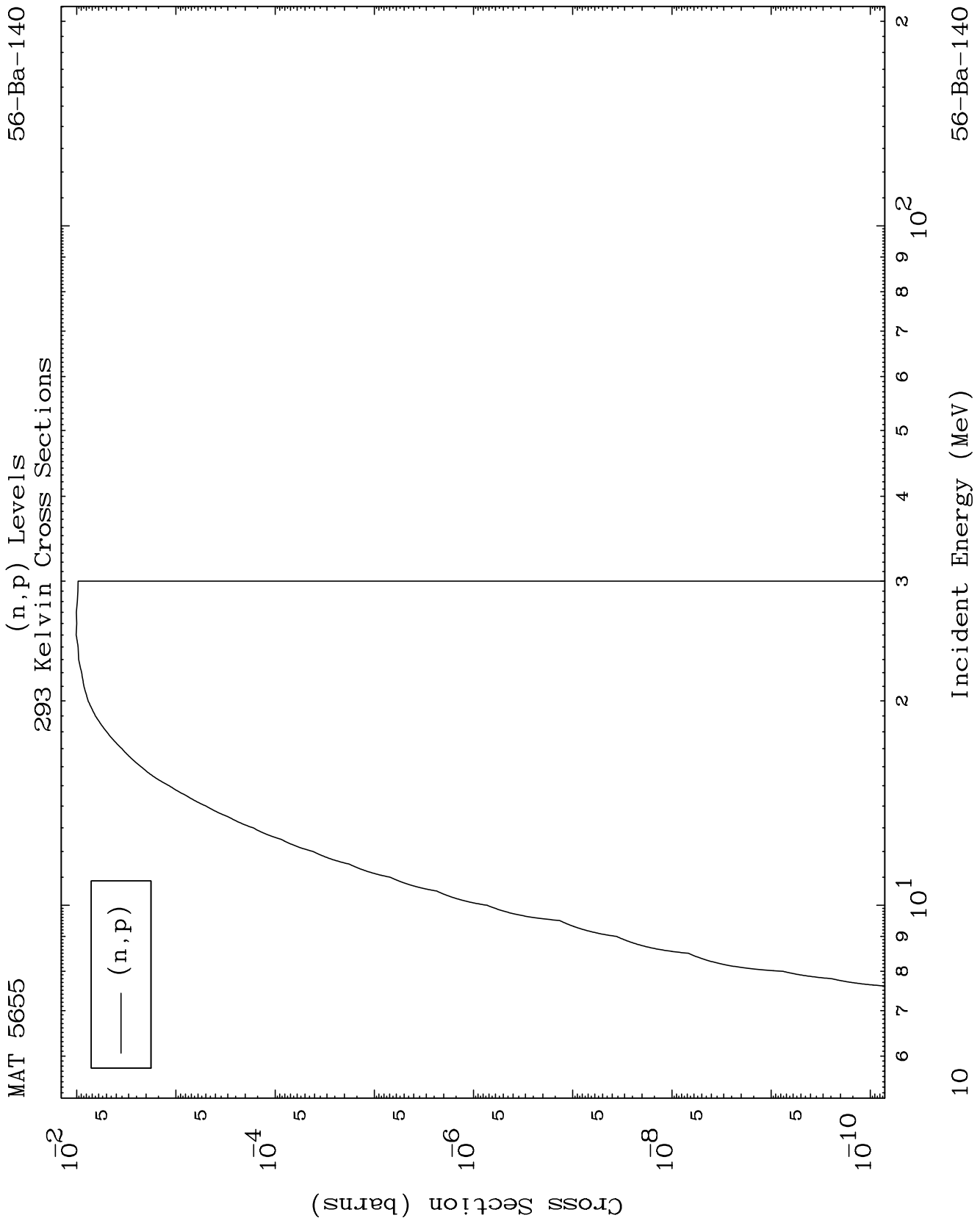
293 Kelvin Cross Sections



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Incident Energy (MeV)

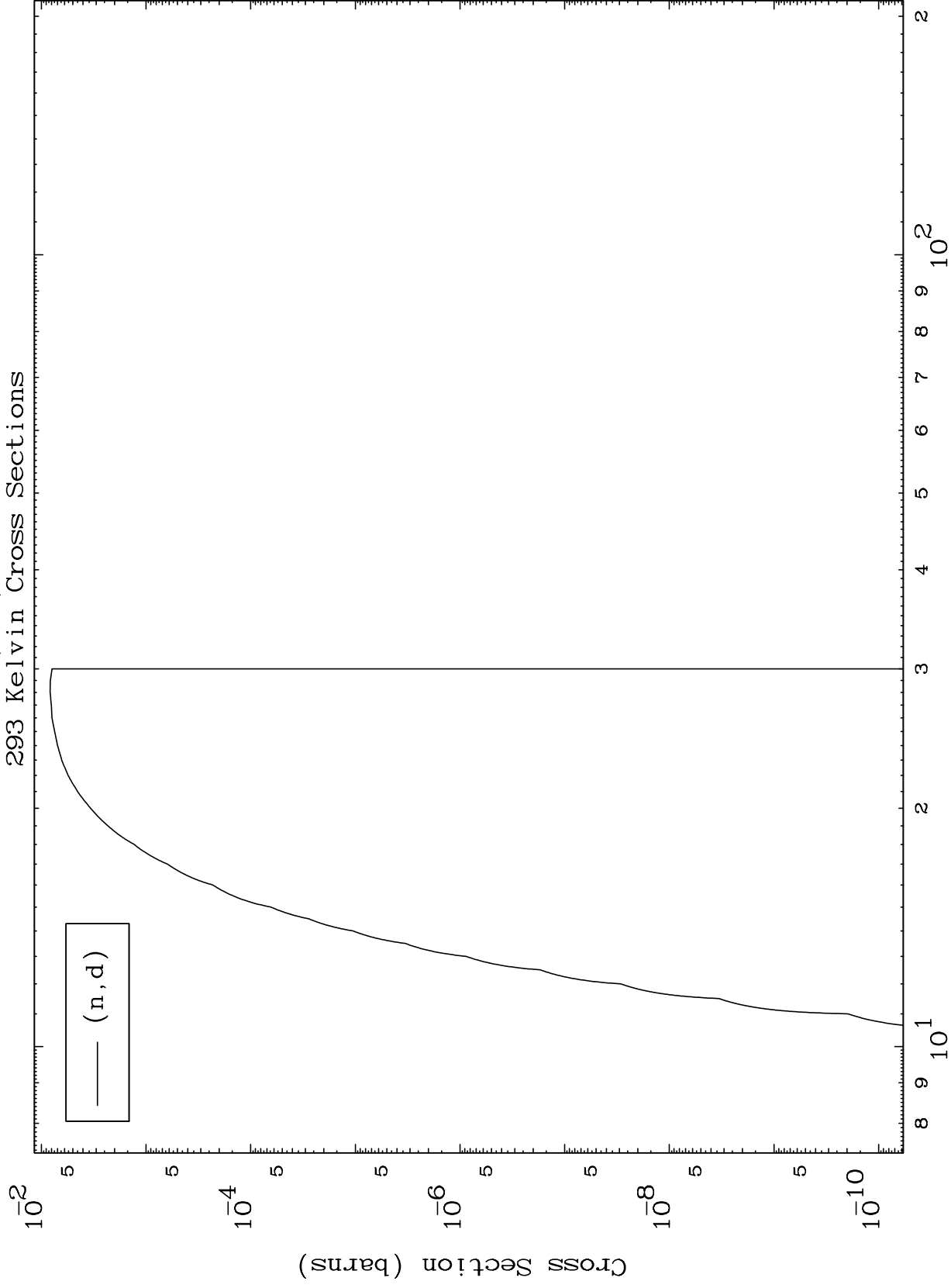
56-Ba-140



MAT 5655

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-140



11

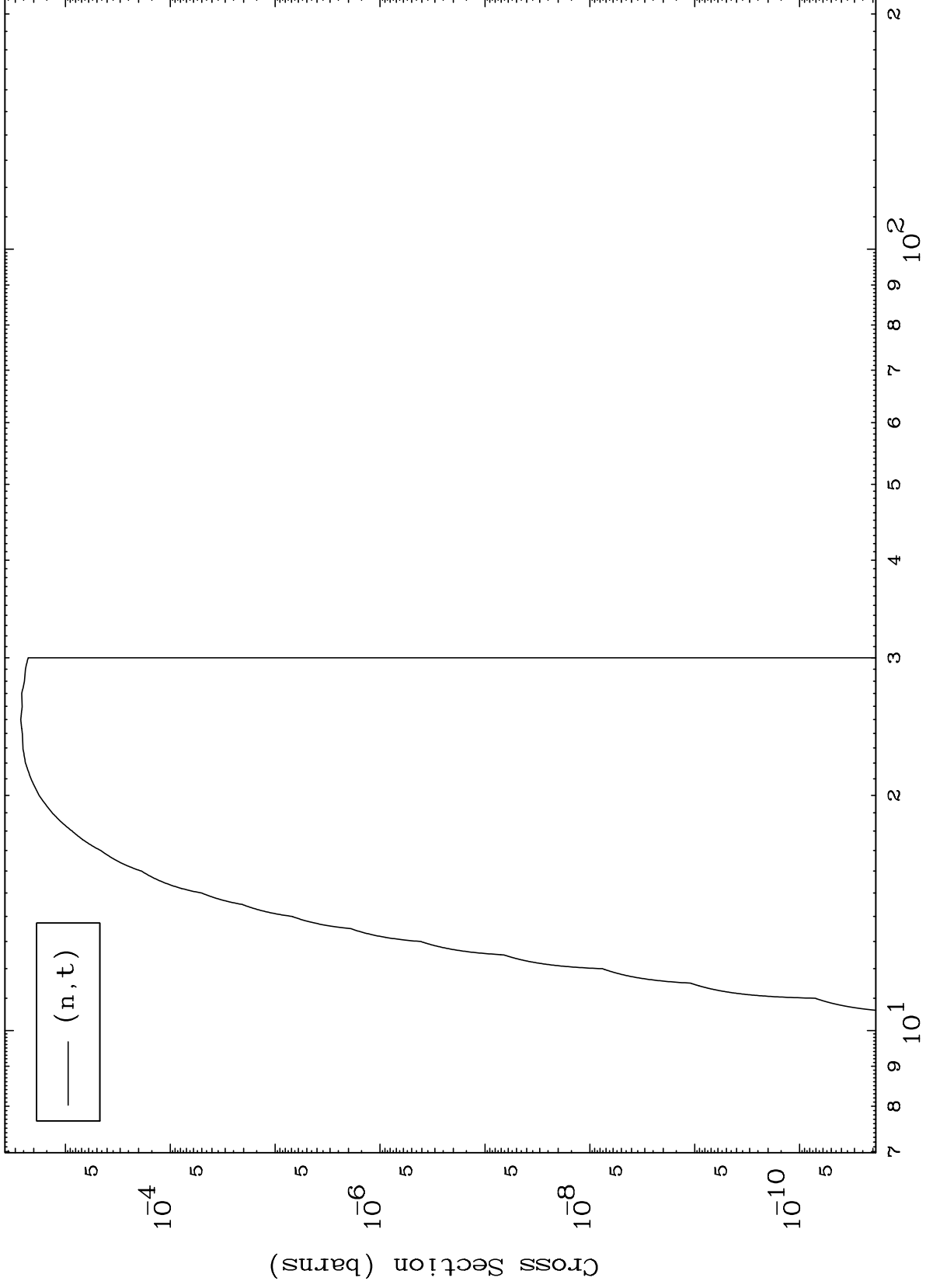
Incident Energy (MeV)

56-Ba-140

MAT 5655

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-140



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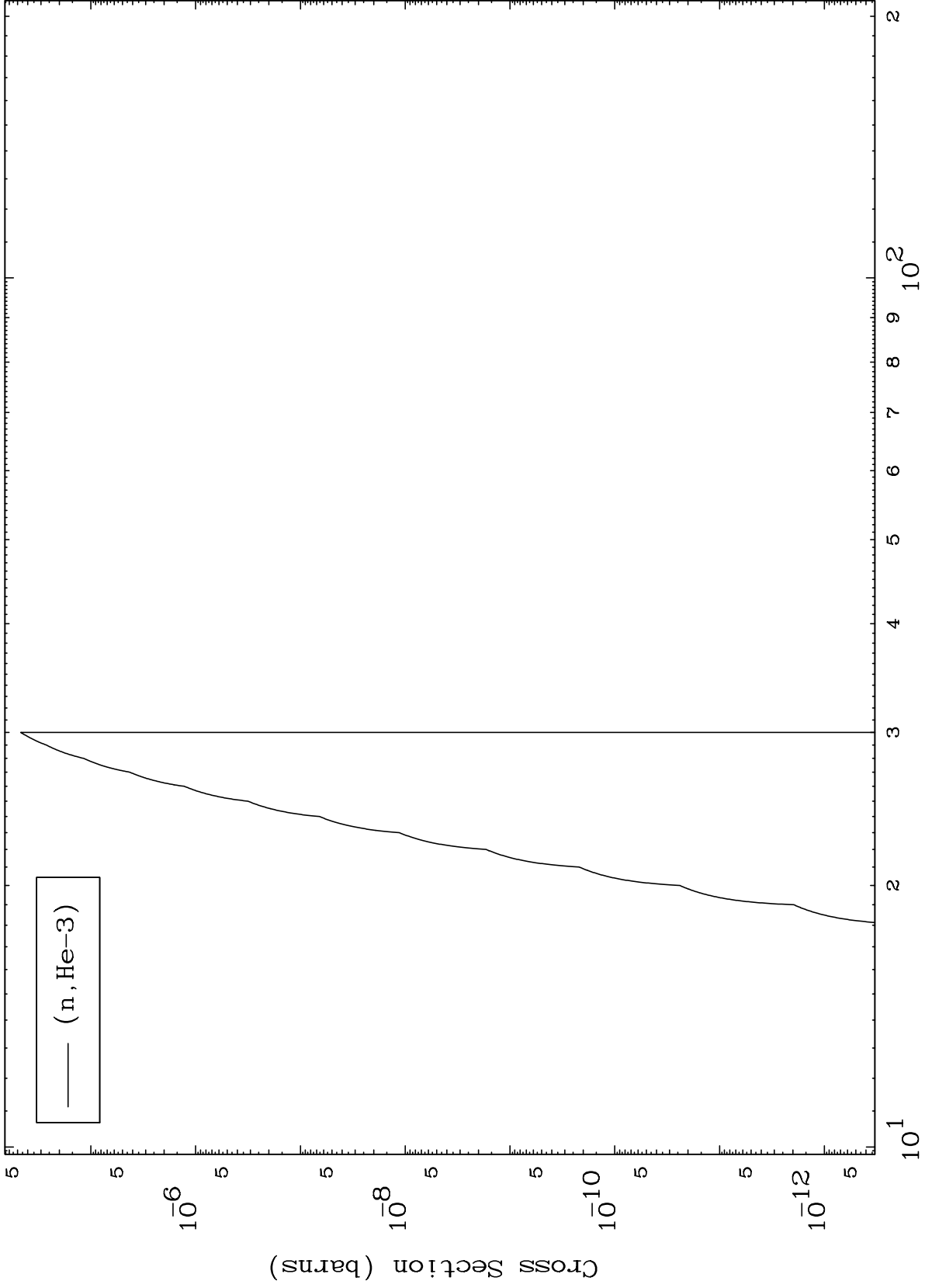
Incident Energy (MeV)

56-Ba-140

MAT 5655

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-140



13

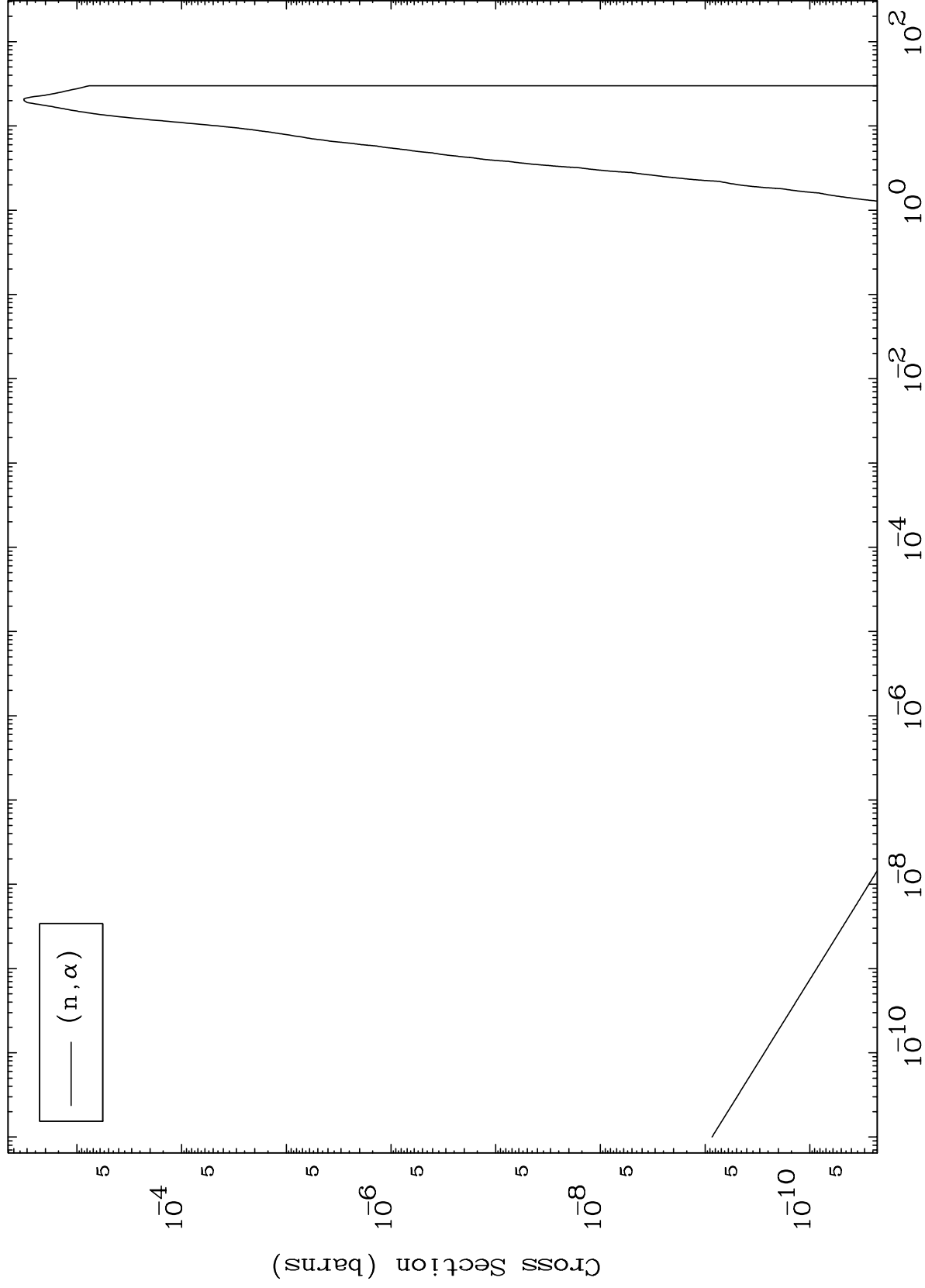
Incident Energy (MeV)

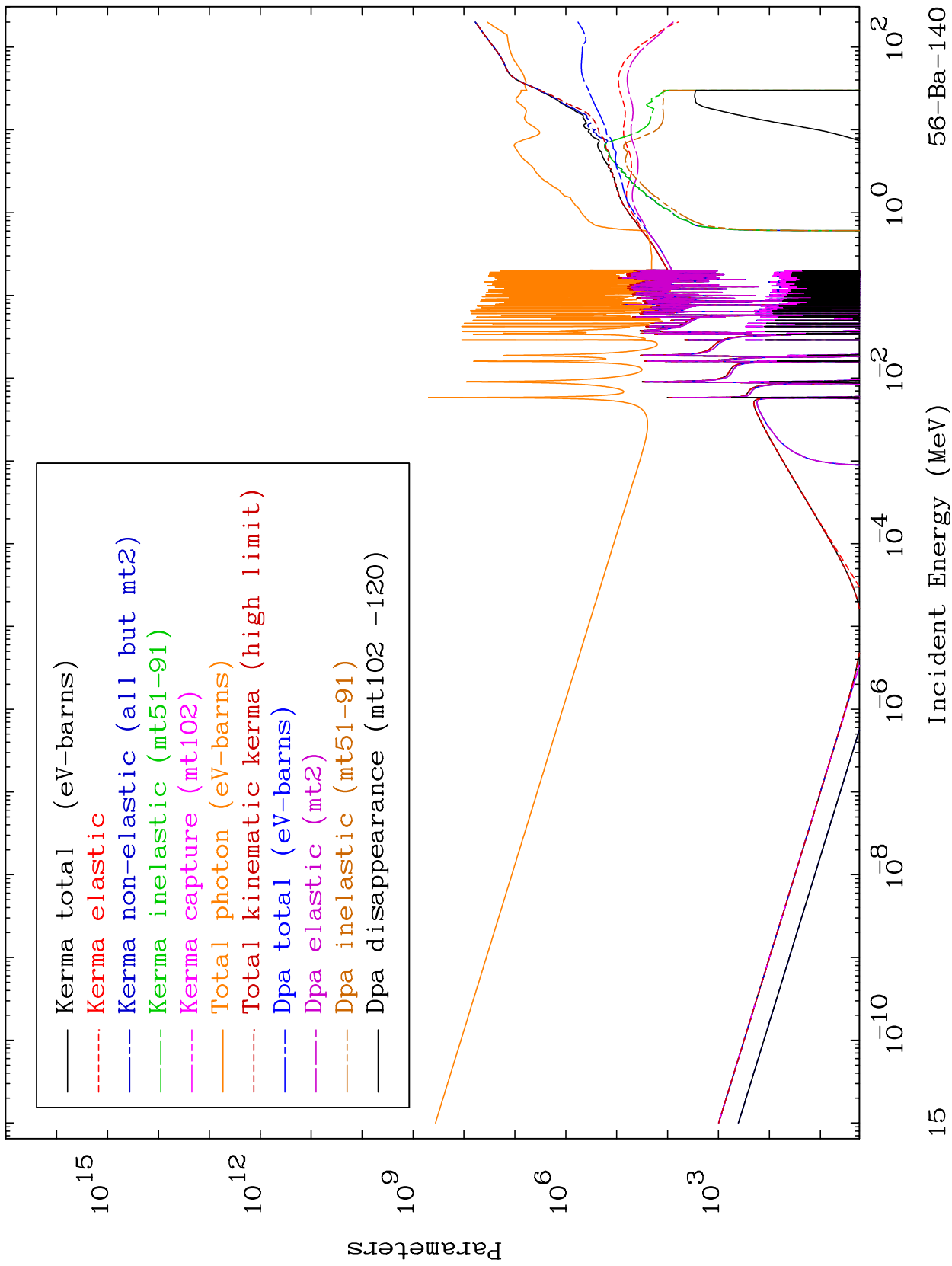
56-Ba-140

MAT 5655

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-140

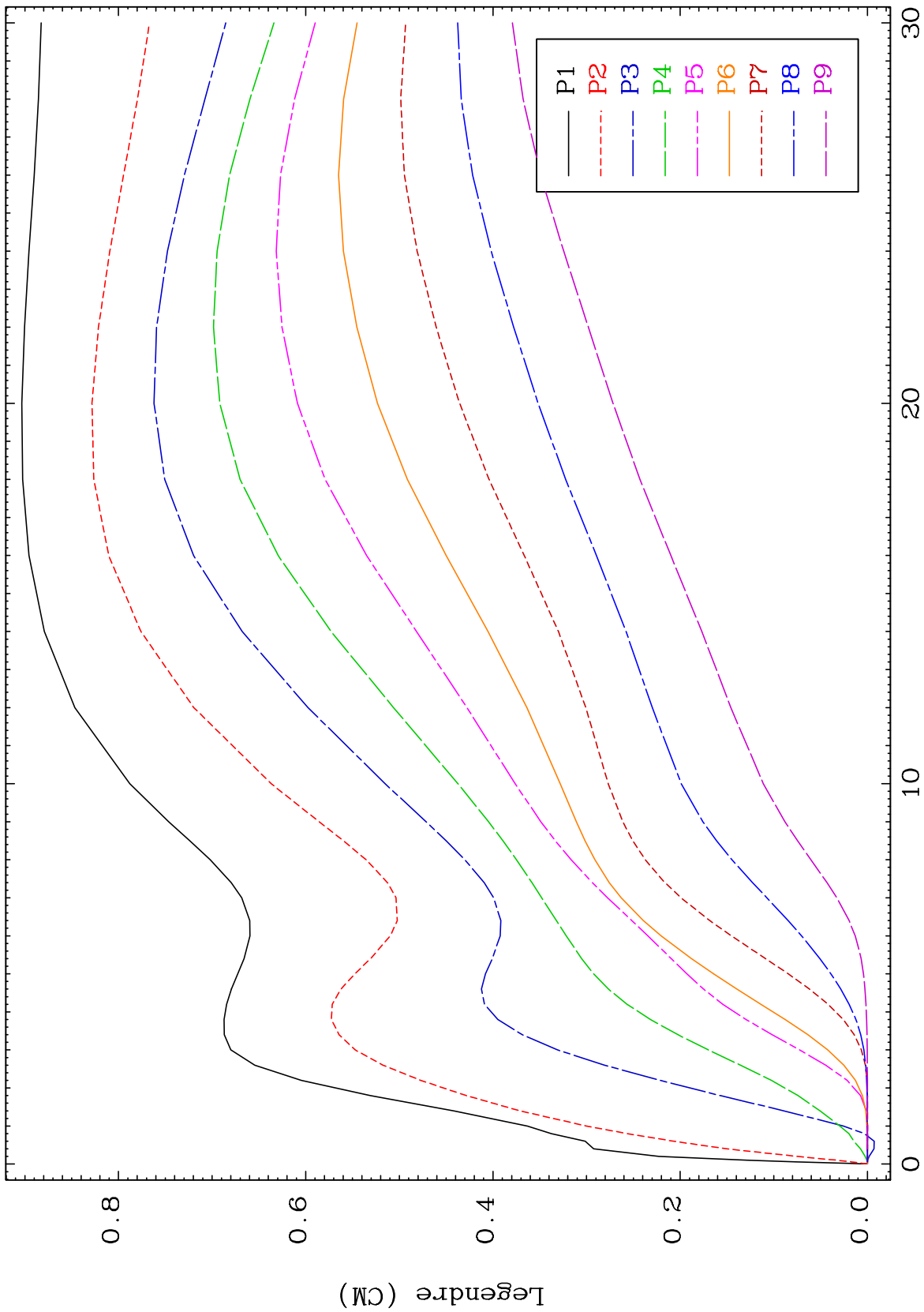




MAT 5655

Elastic Legendre Coefficients

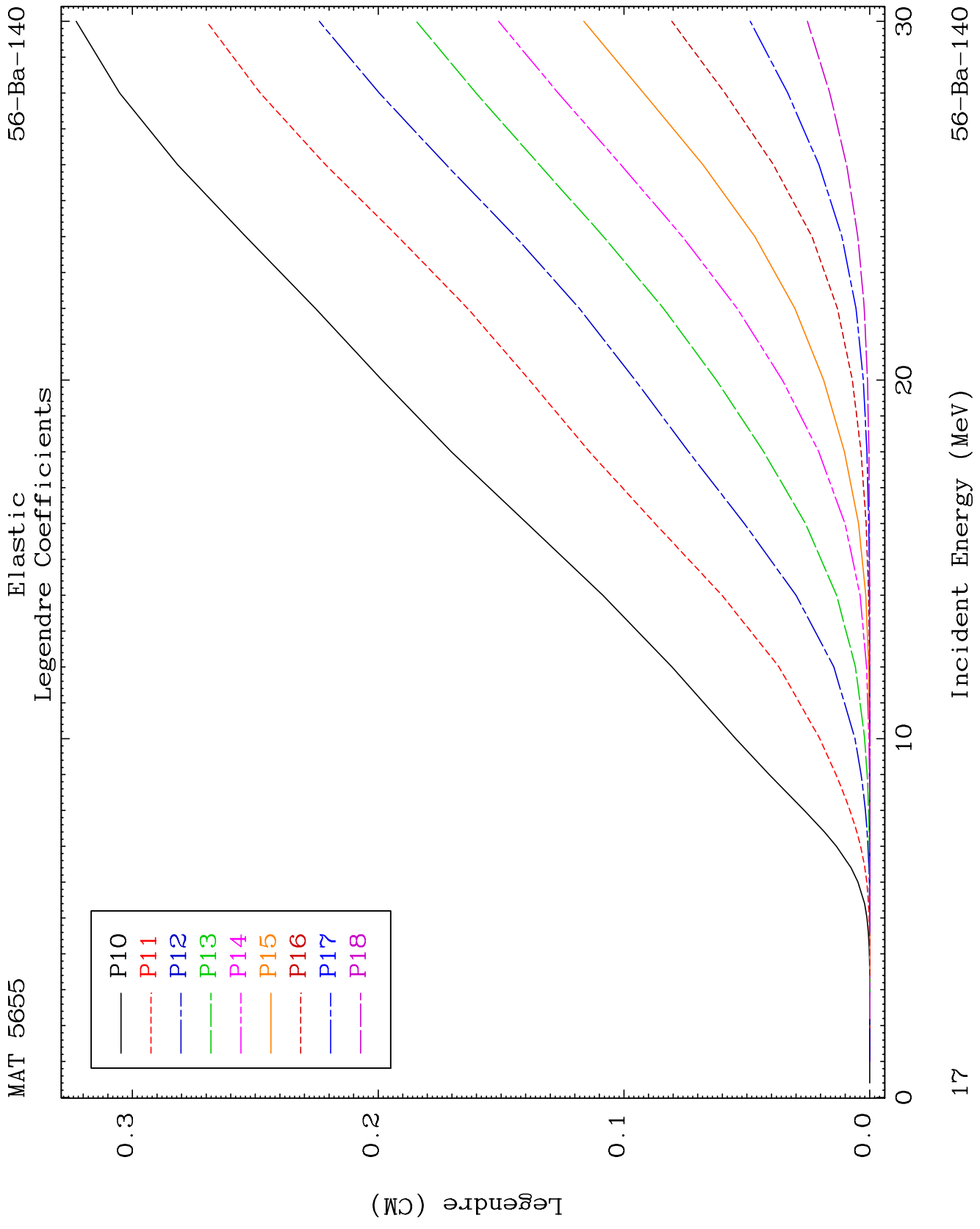
56-Ba-140



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Incident Energy (MeV)

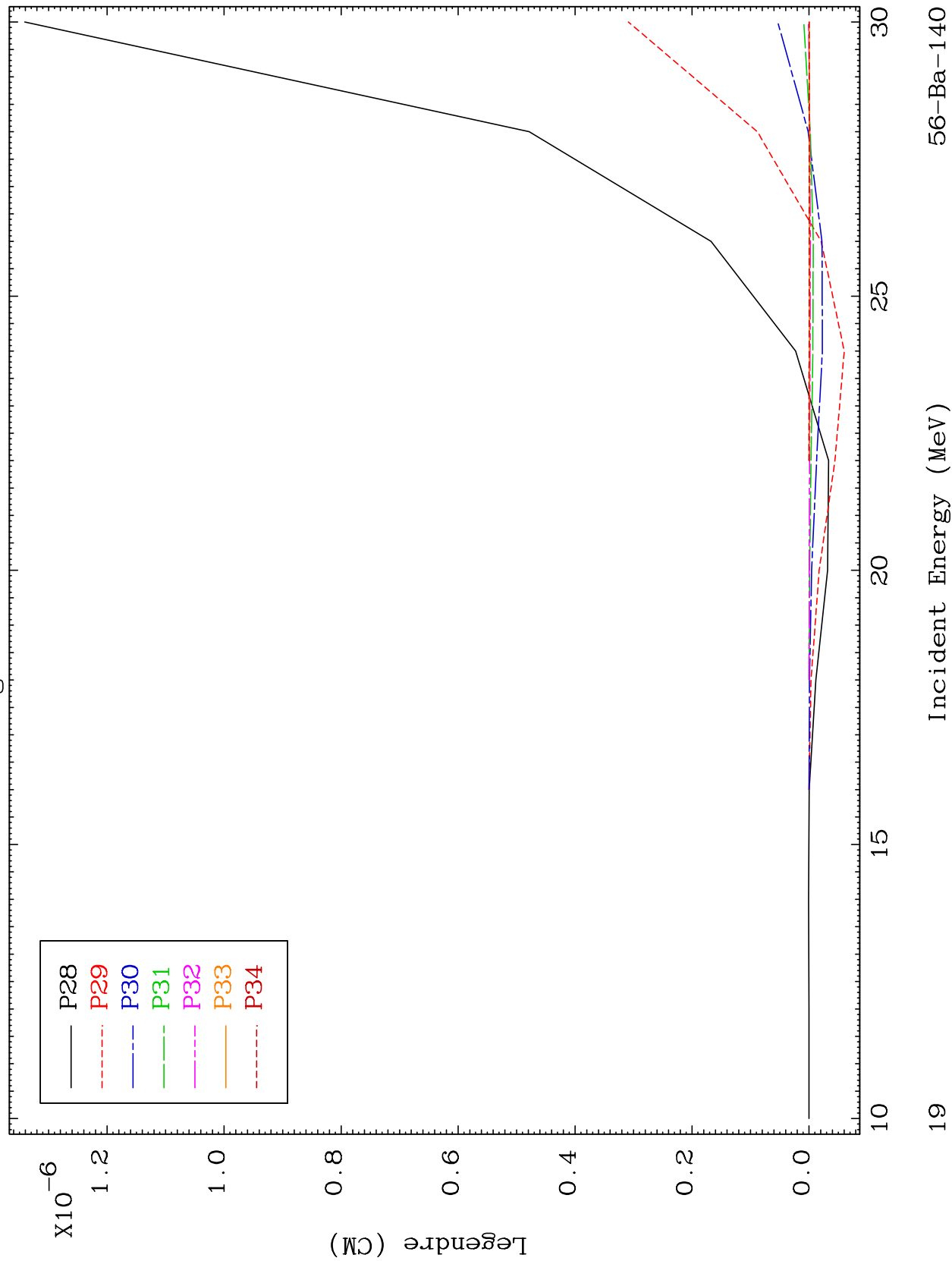
56-Ba-140



MAT 5655

Elastic Legendre Coefficients

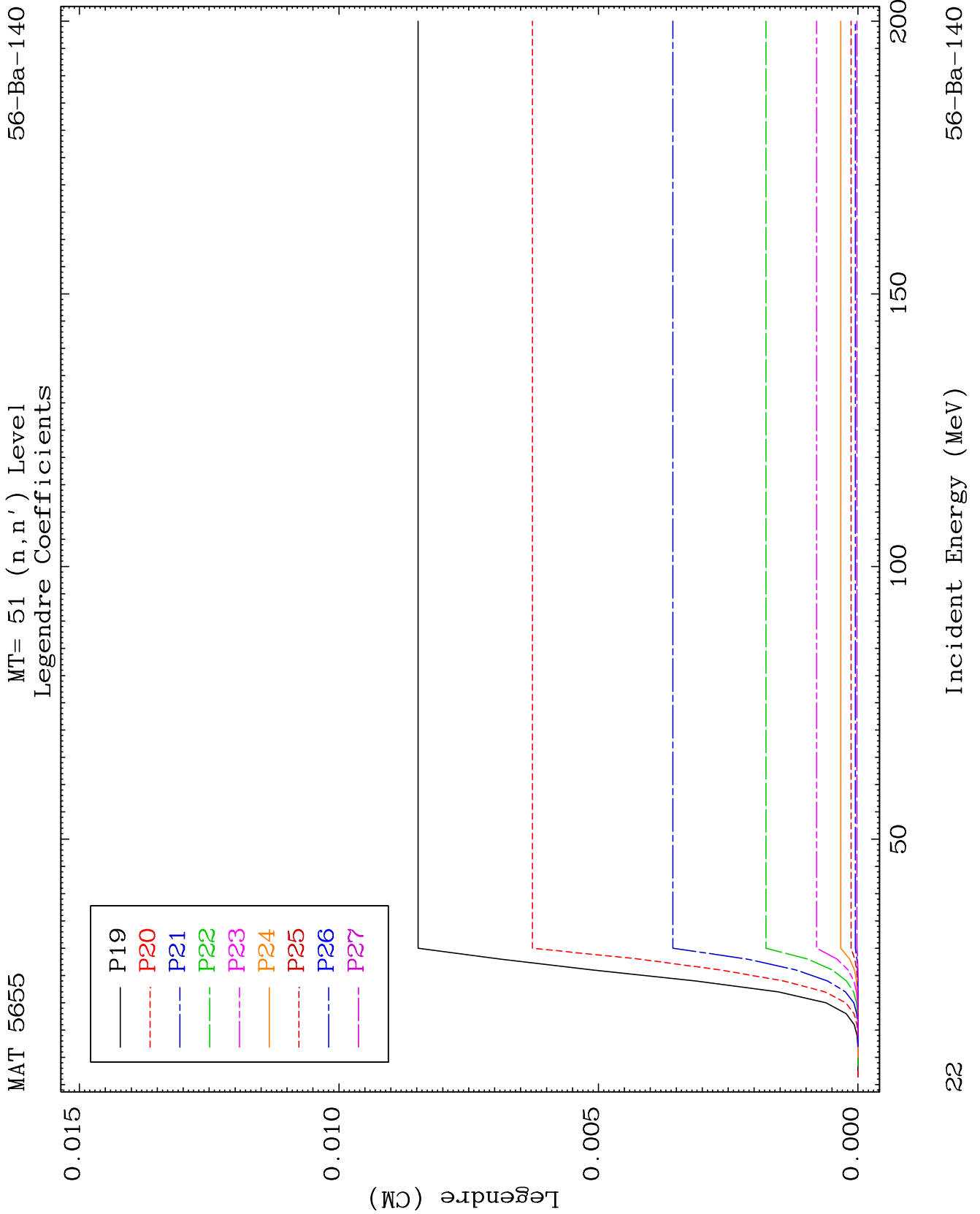
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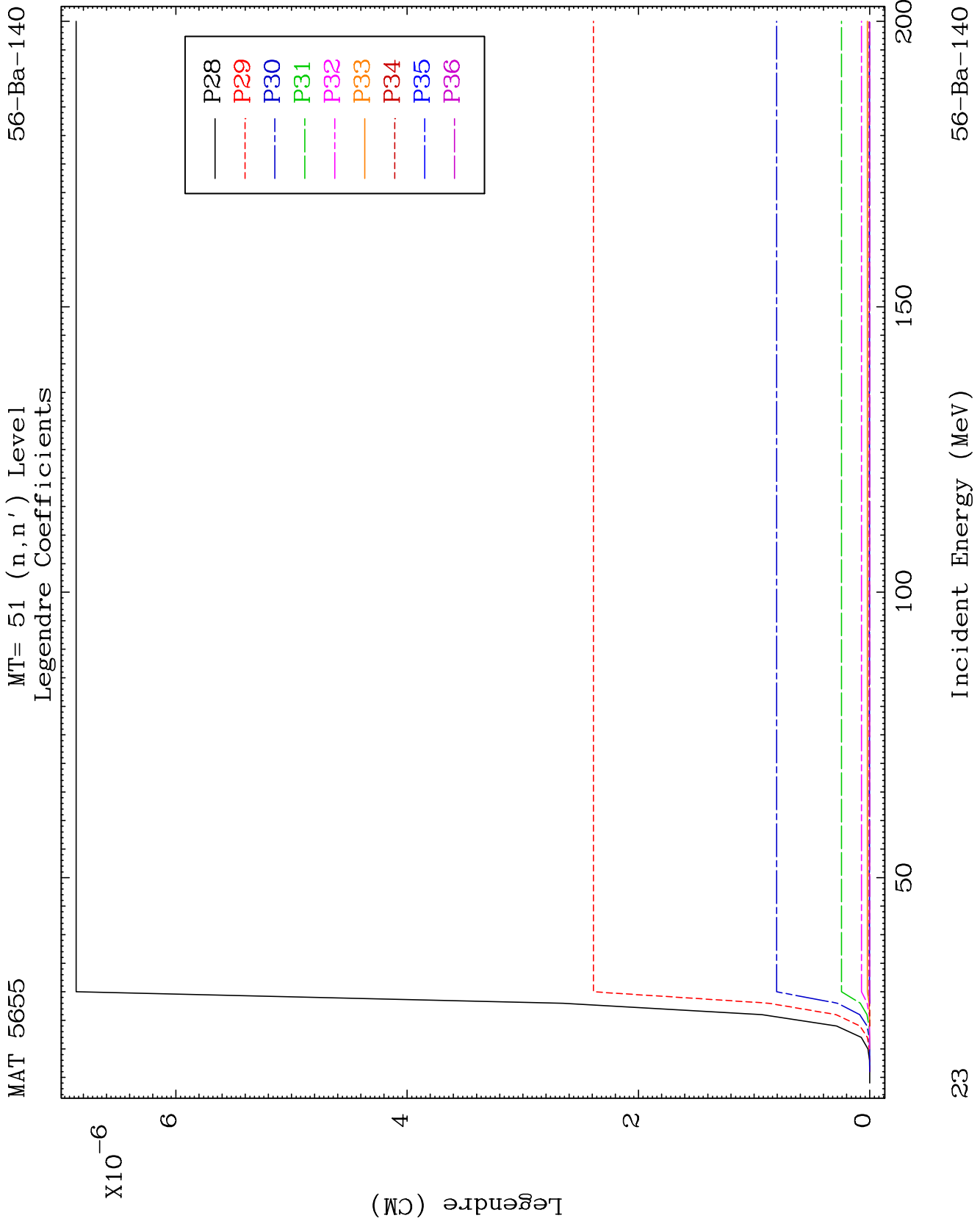


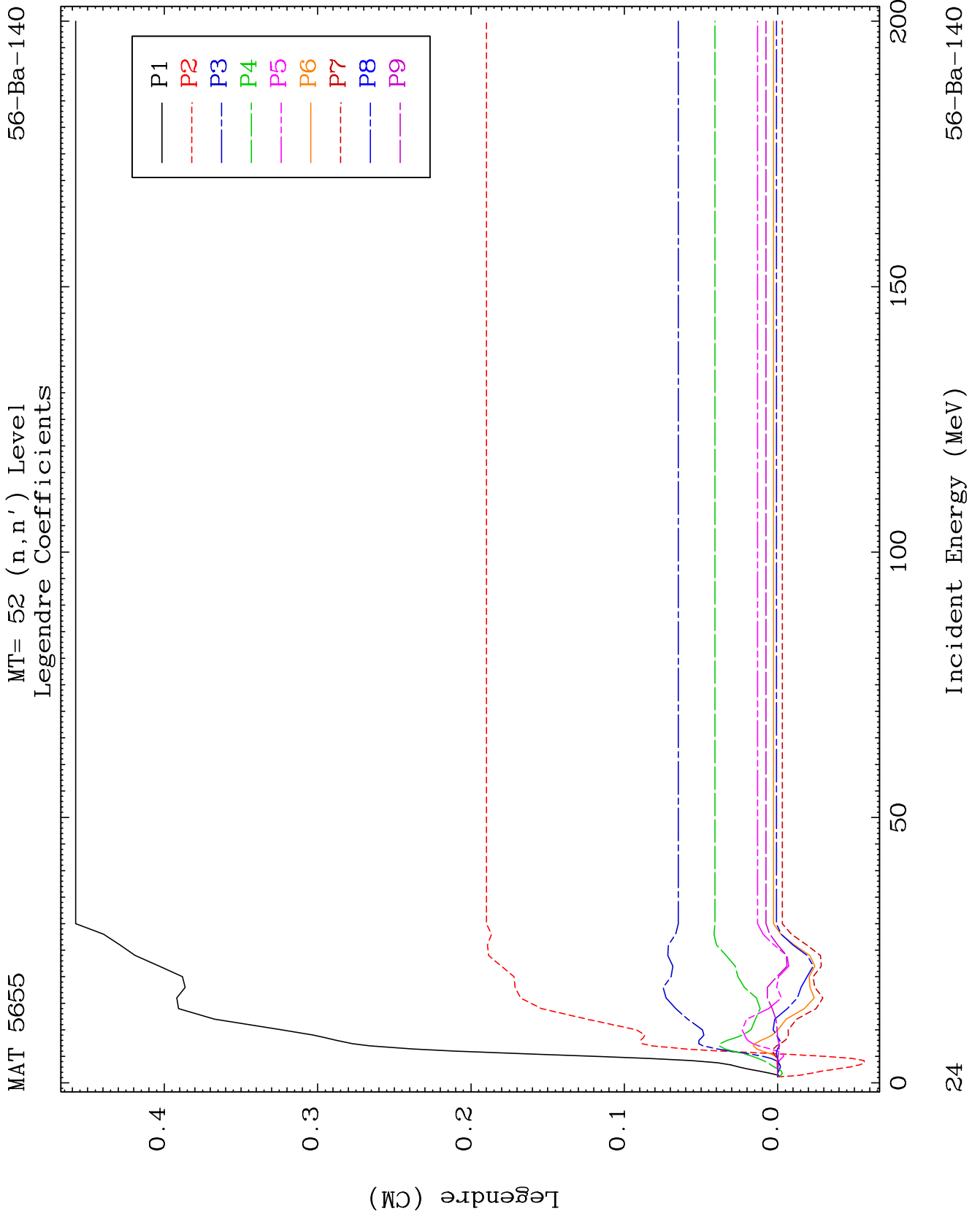
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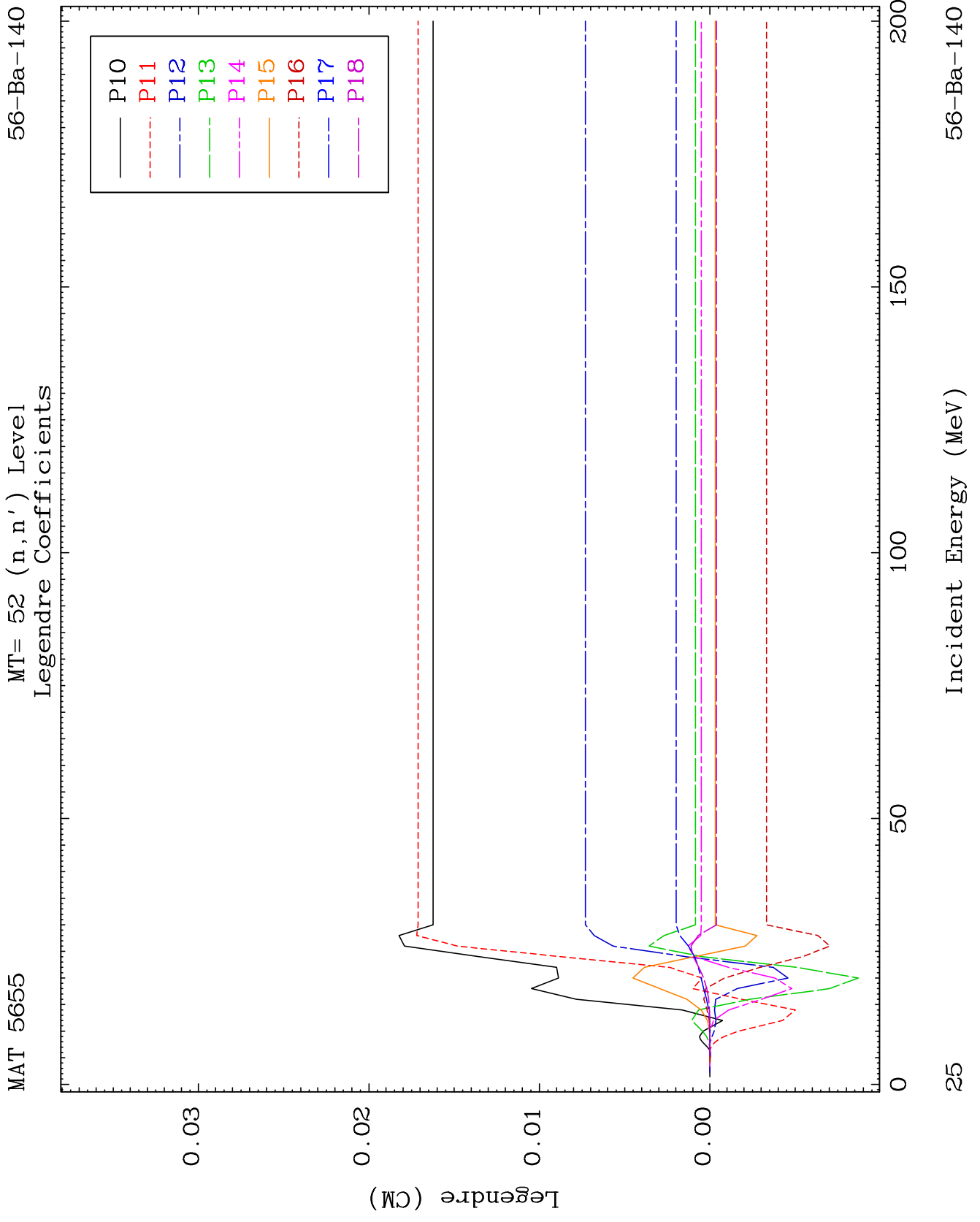
Incident Energy (MeV)

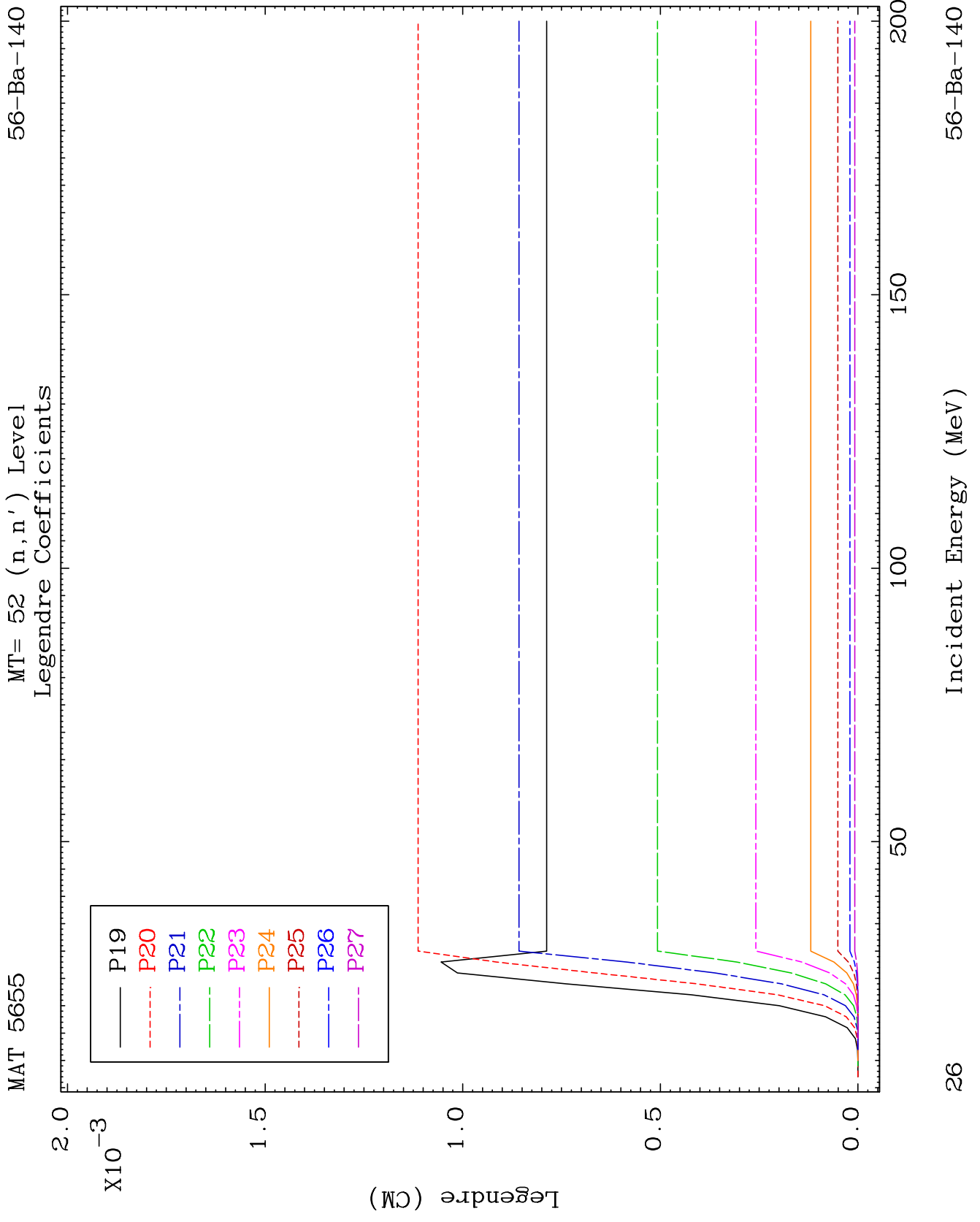
56-Ba-140







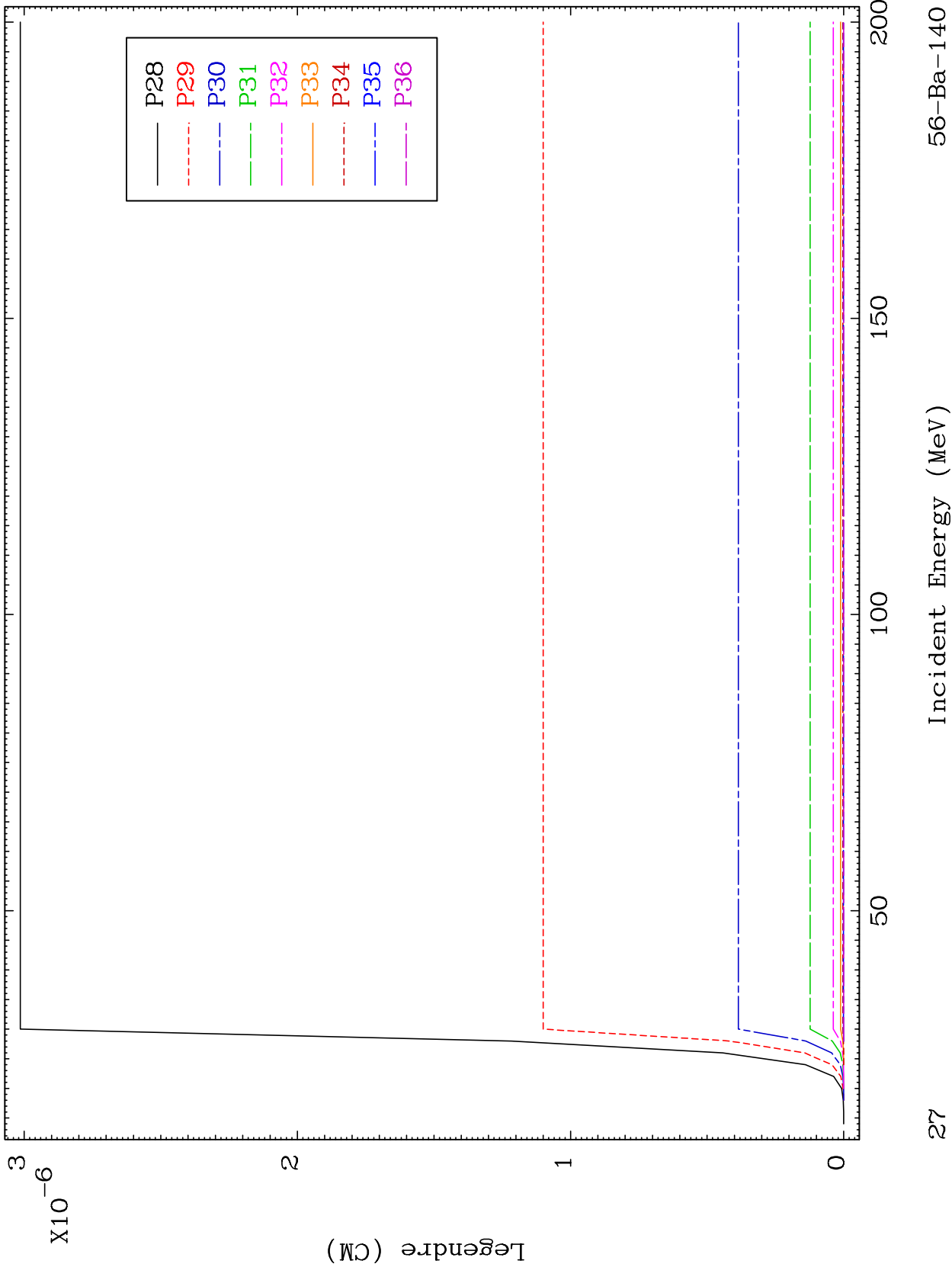




MAT 5655

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

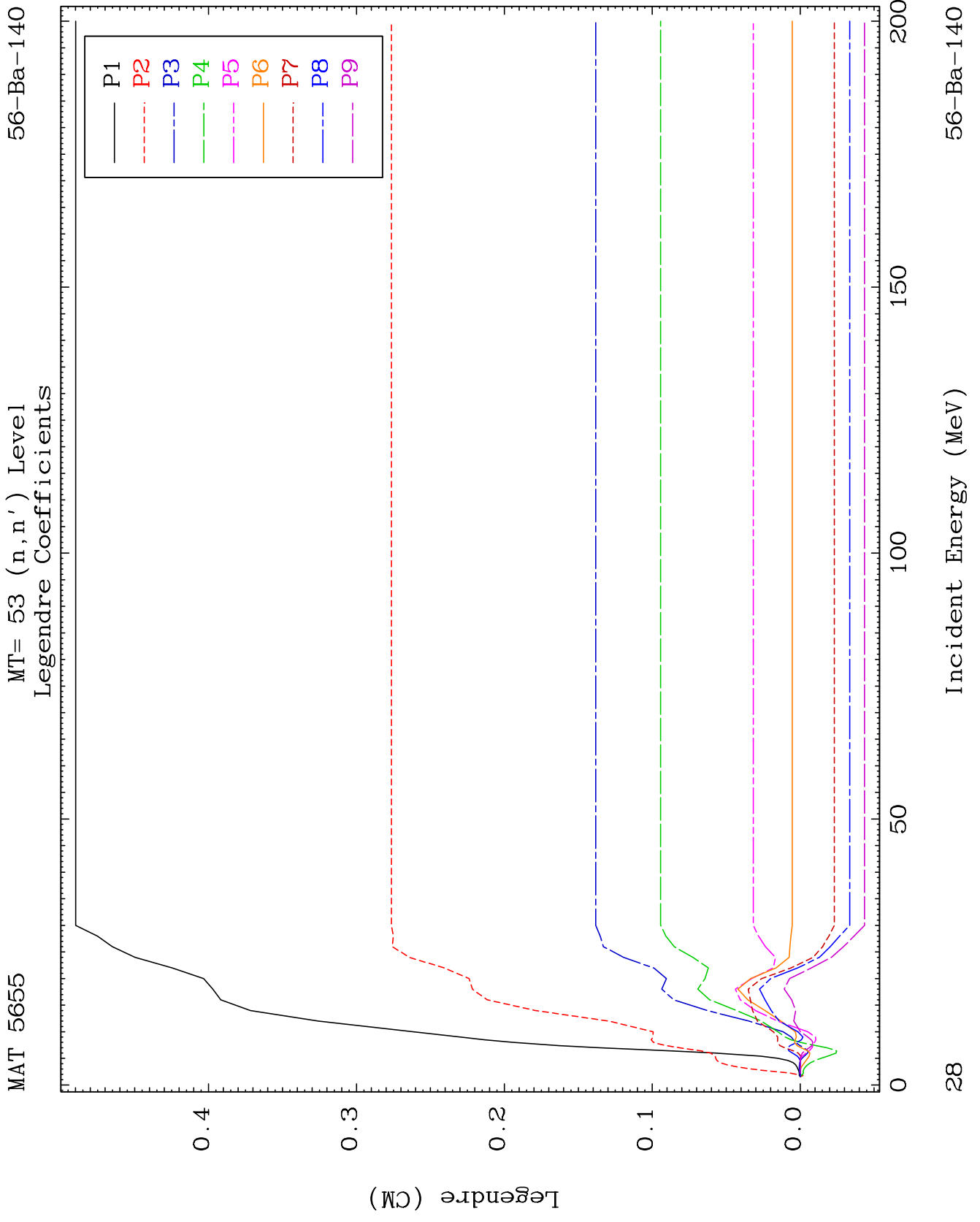
56-Ba-140



27

Incident Energy (MeV)

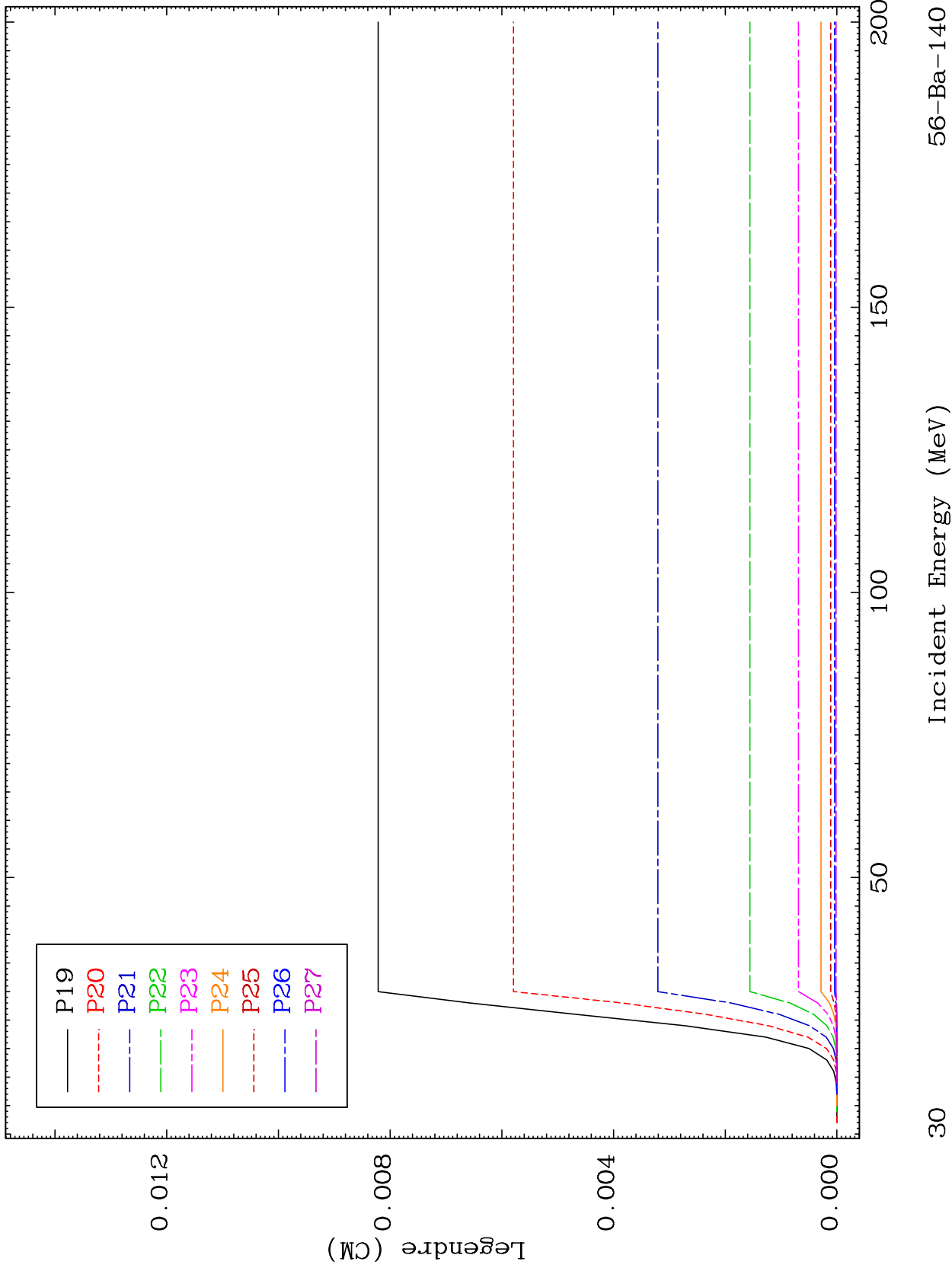
56-Ba-140



MAT 5655

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

56-Ba-140



56-Ba-140

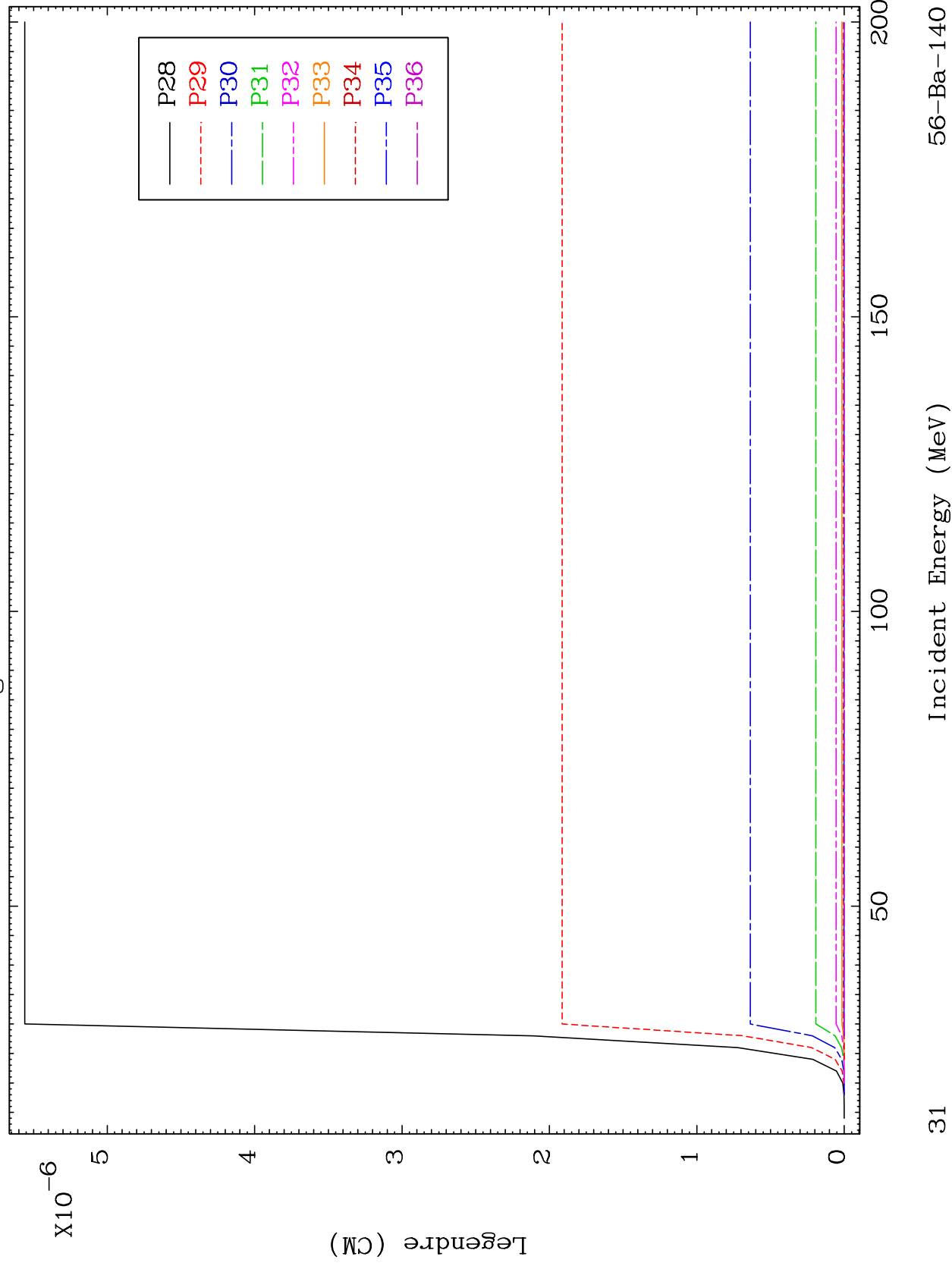
Incident Energy (MeV)

30

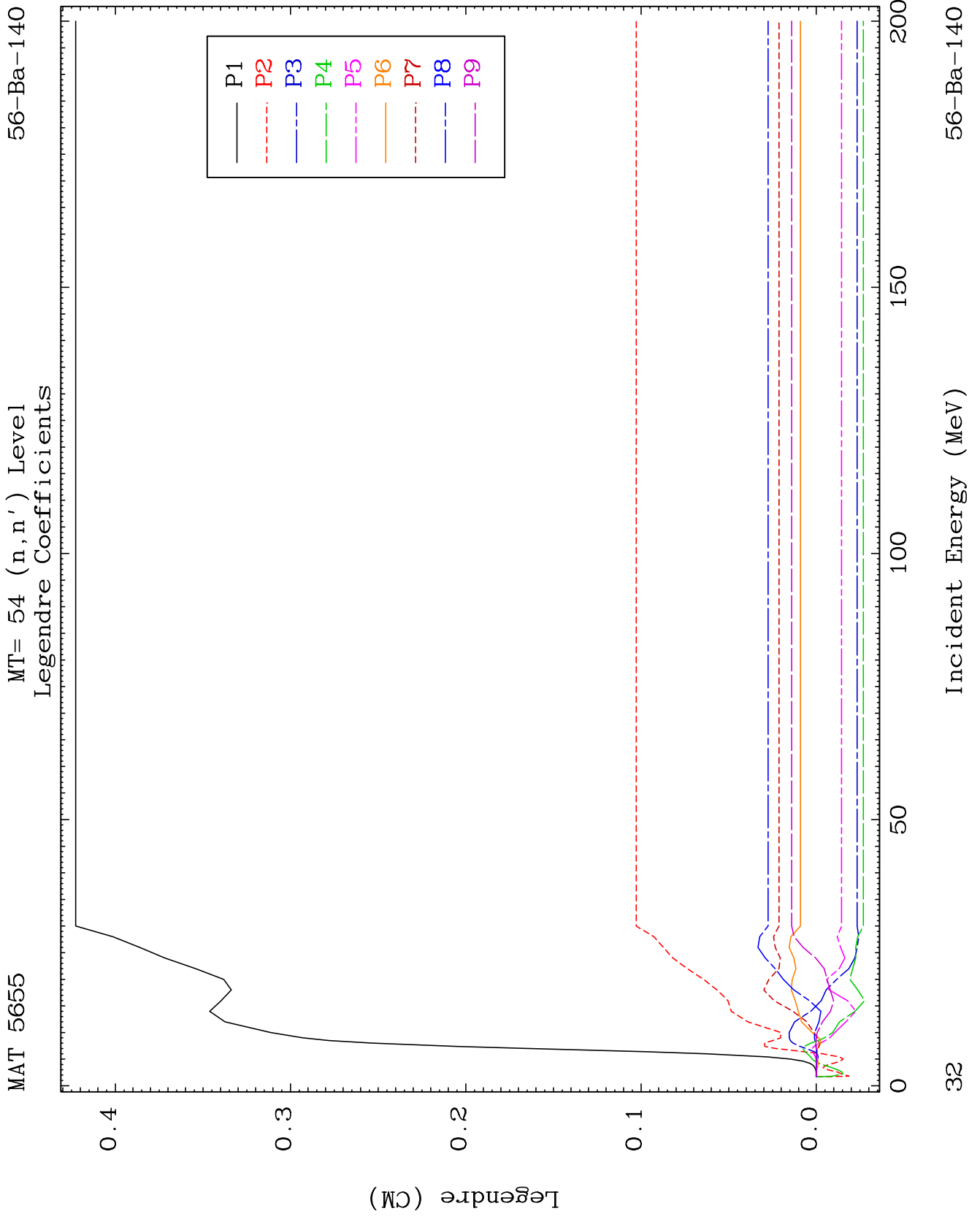
MAT 5655

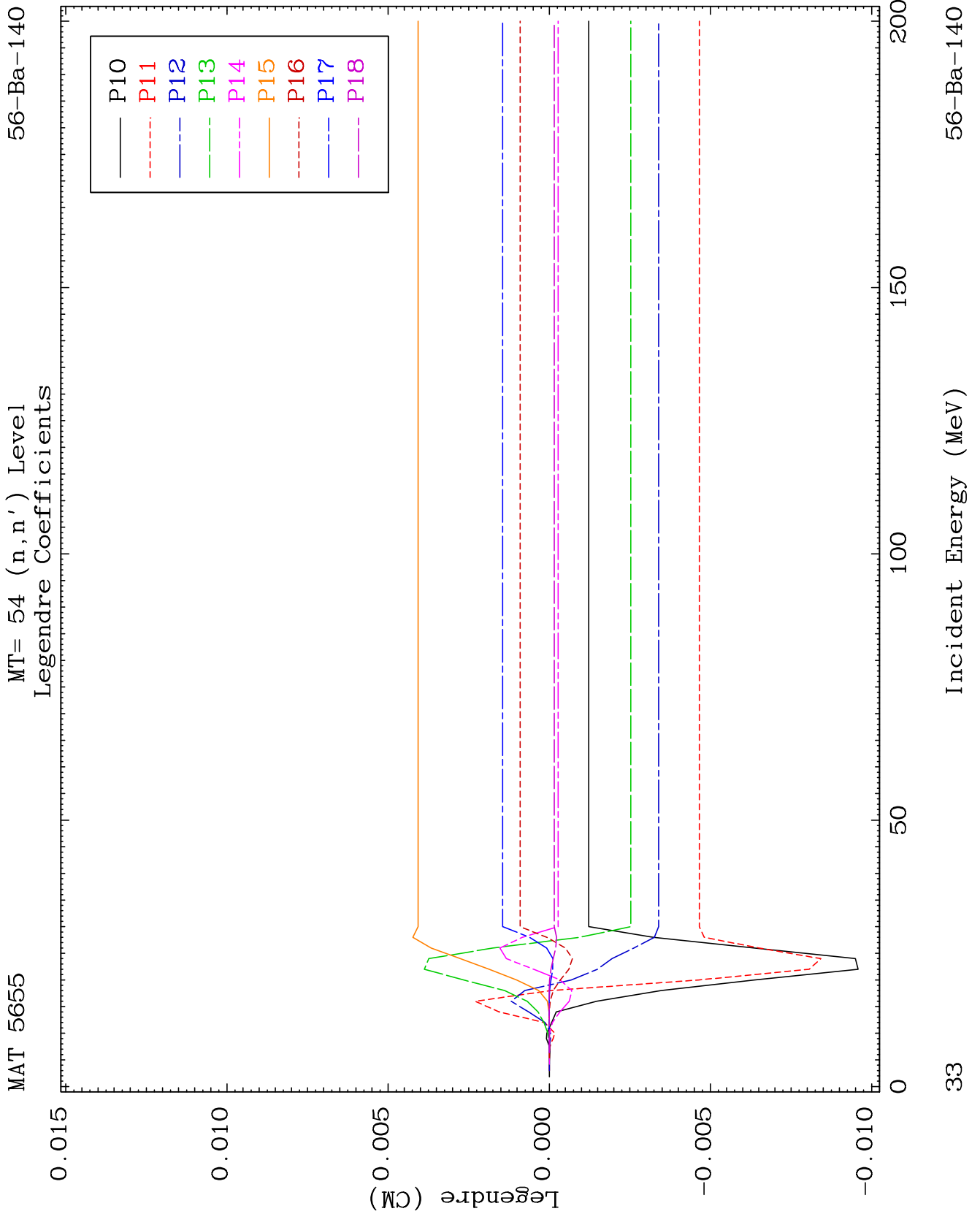
MT= 53 (n,n') Level
Legendre Coefficients

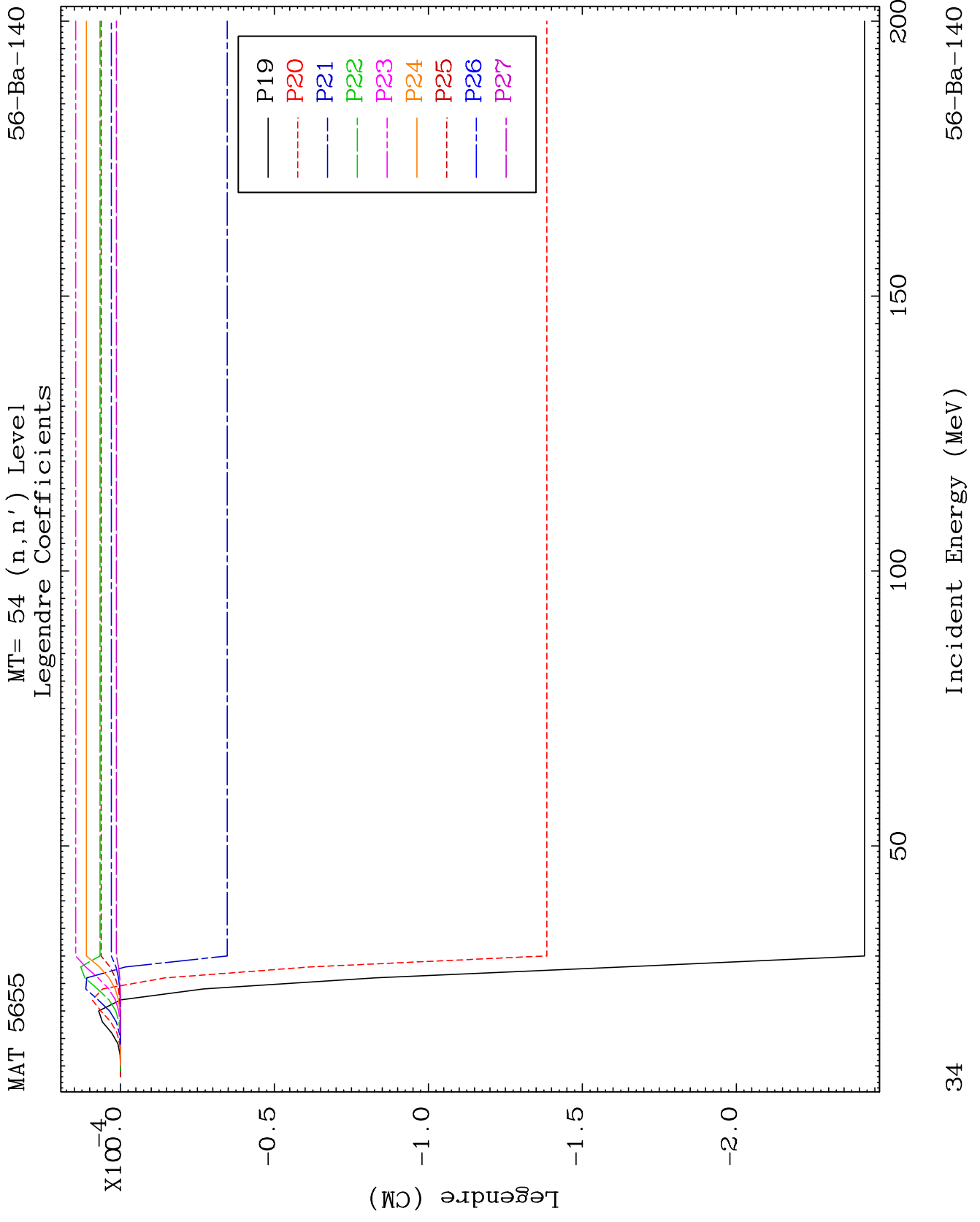
56-Ba-140



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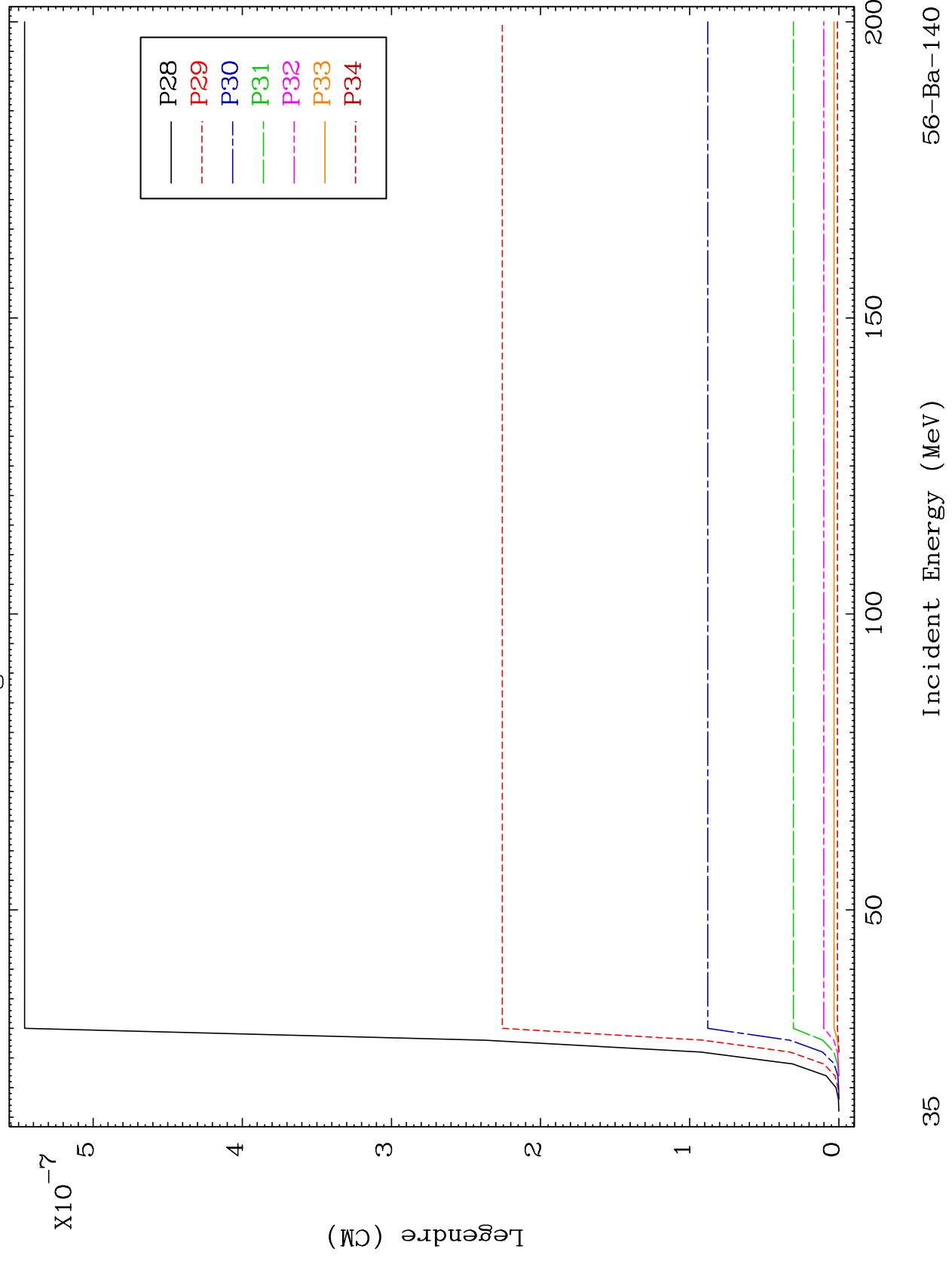




MAT 5655

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

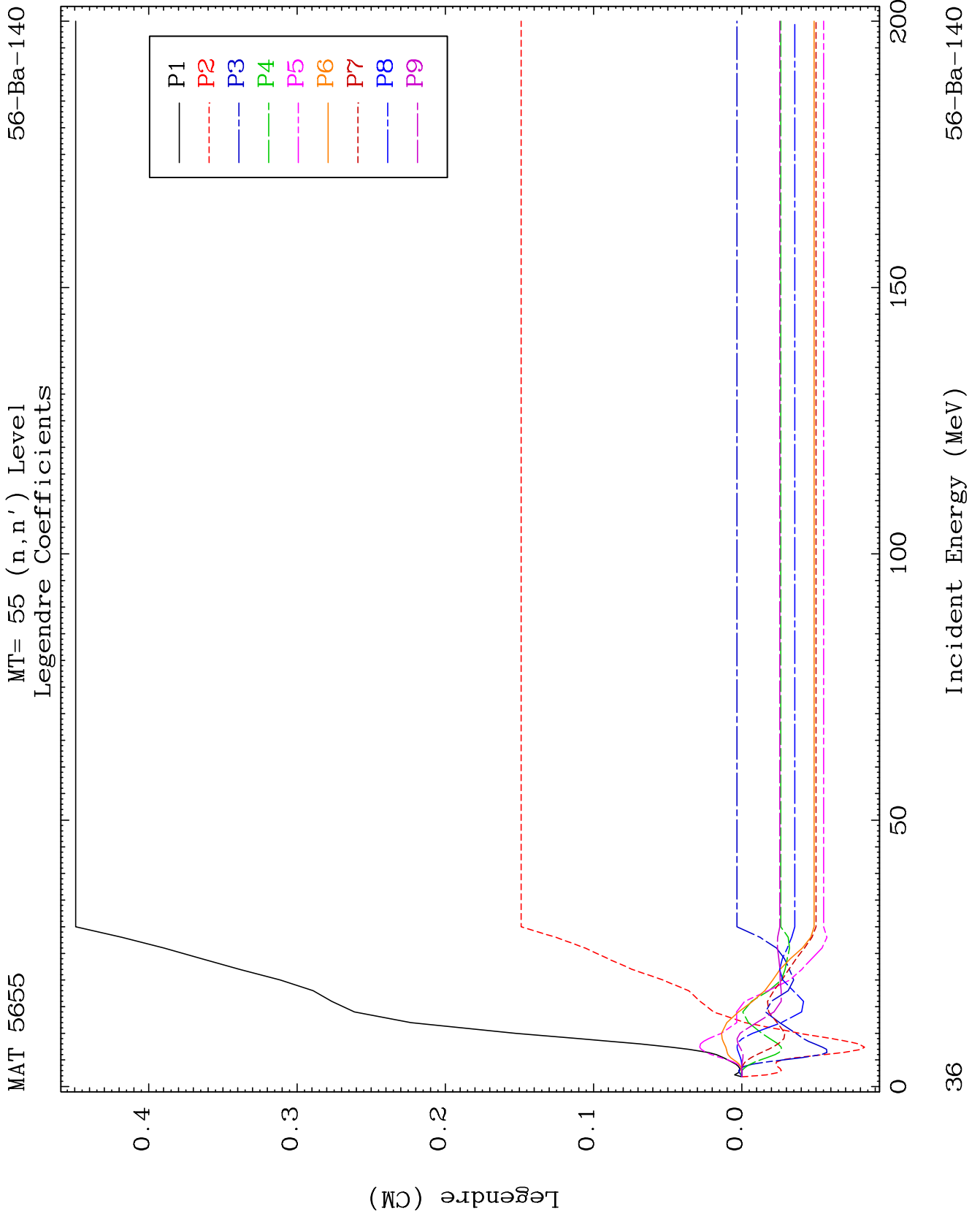
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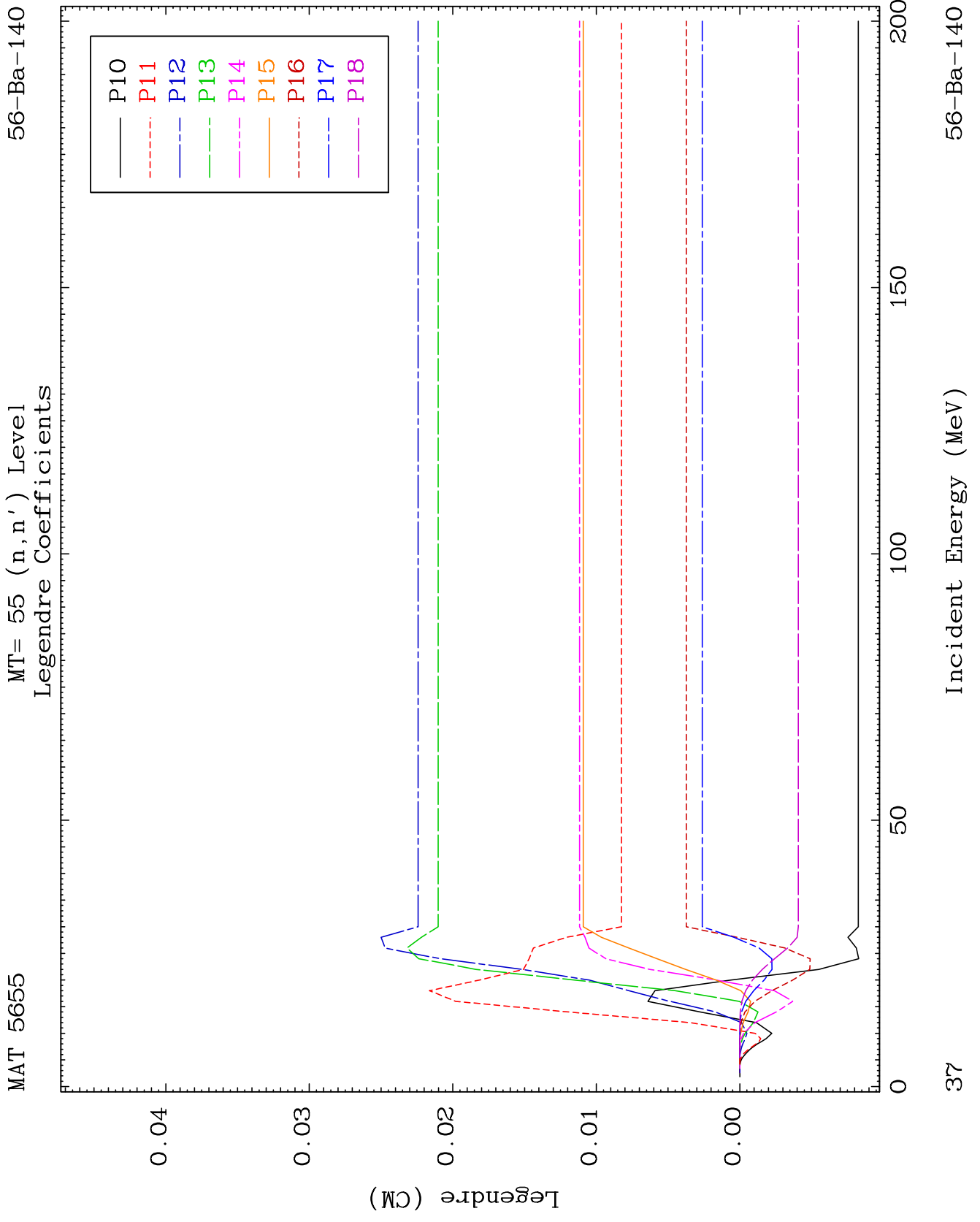


35

Incident Energy (MeV)

56-Ba-140

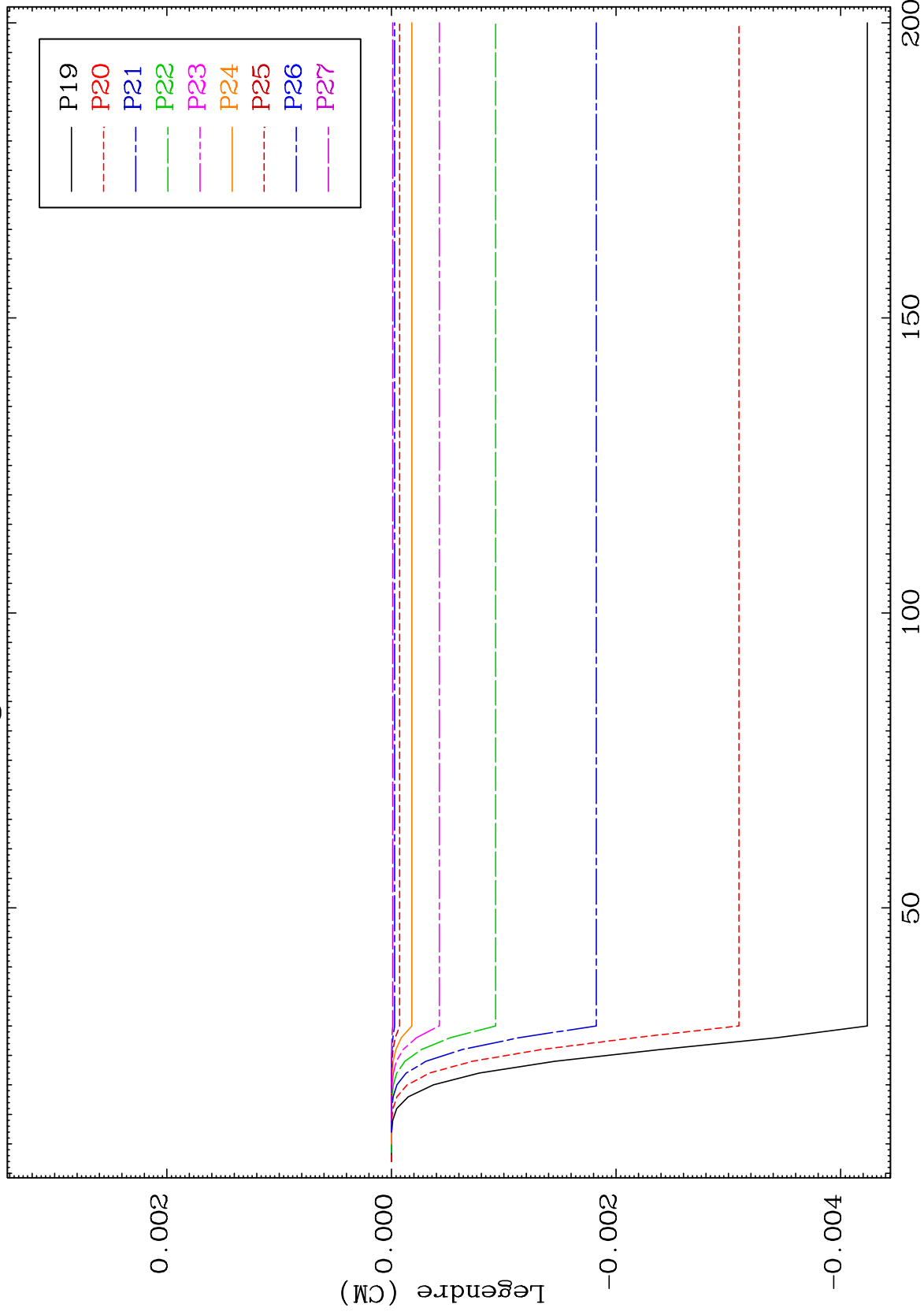




MAT 5655

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

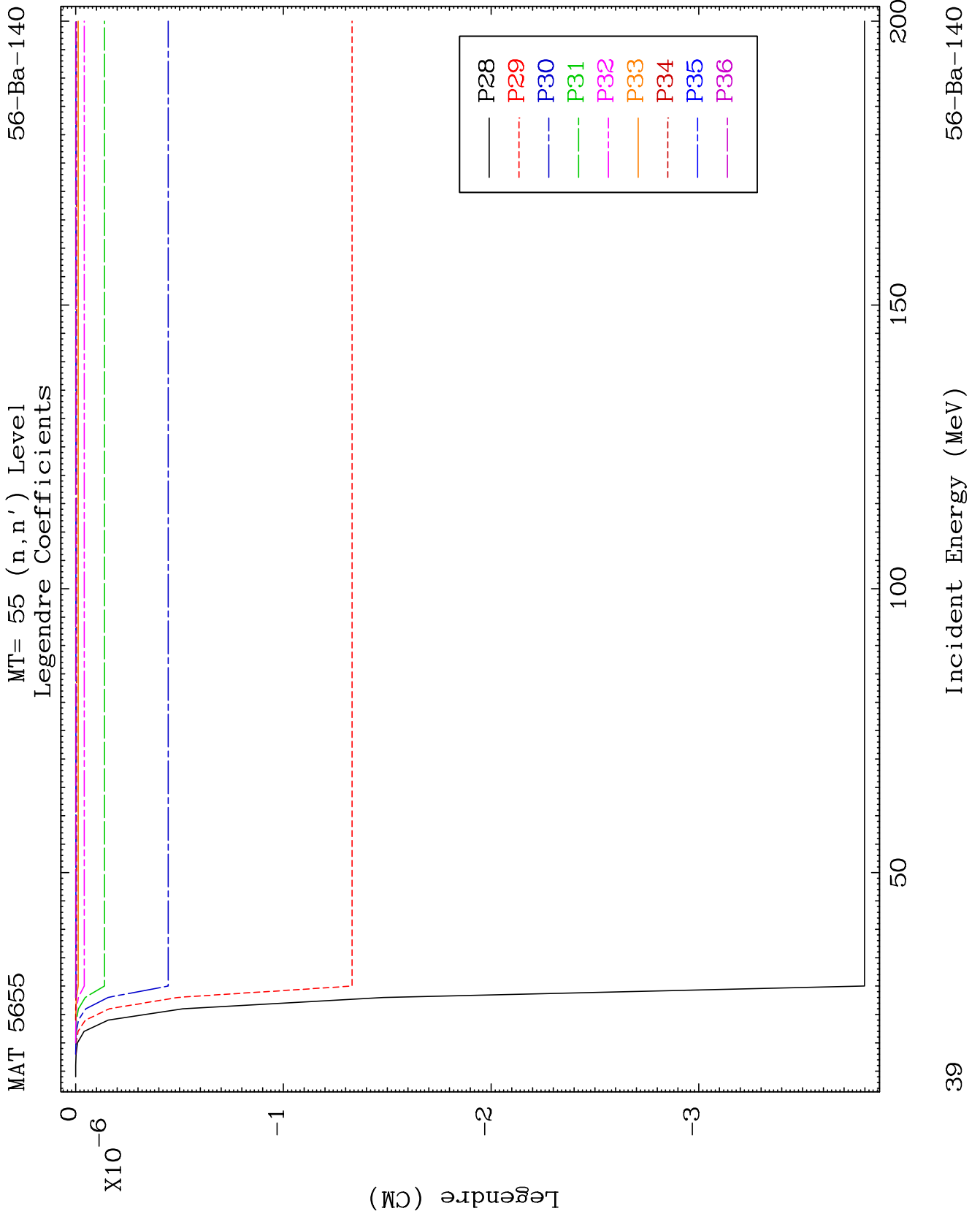
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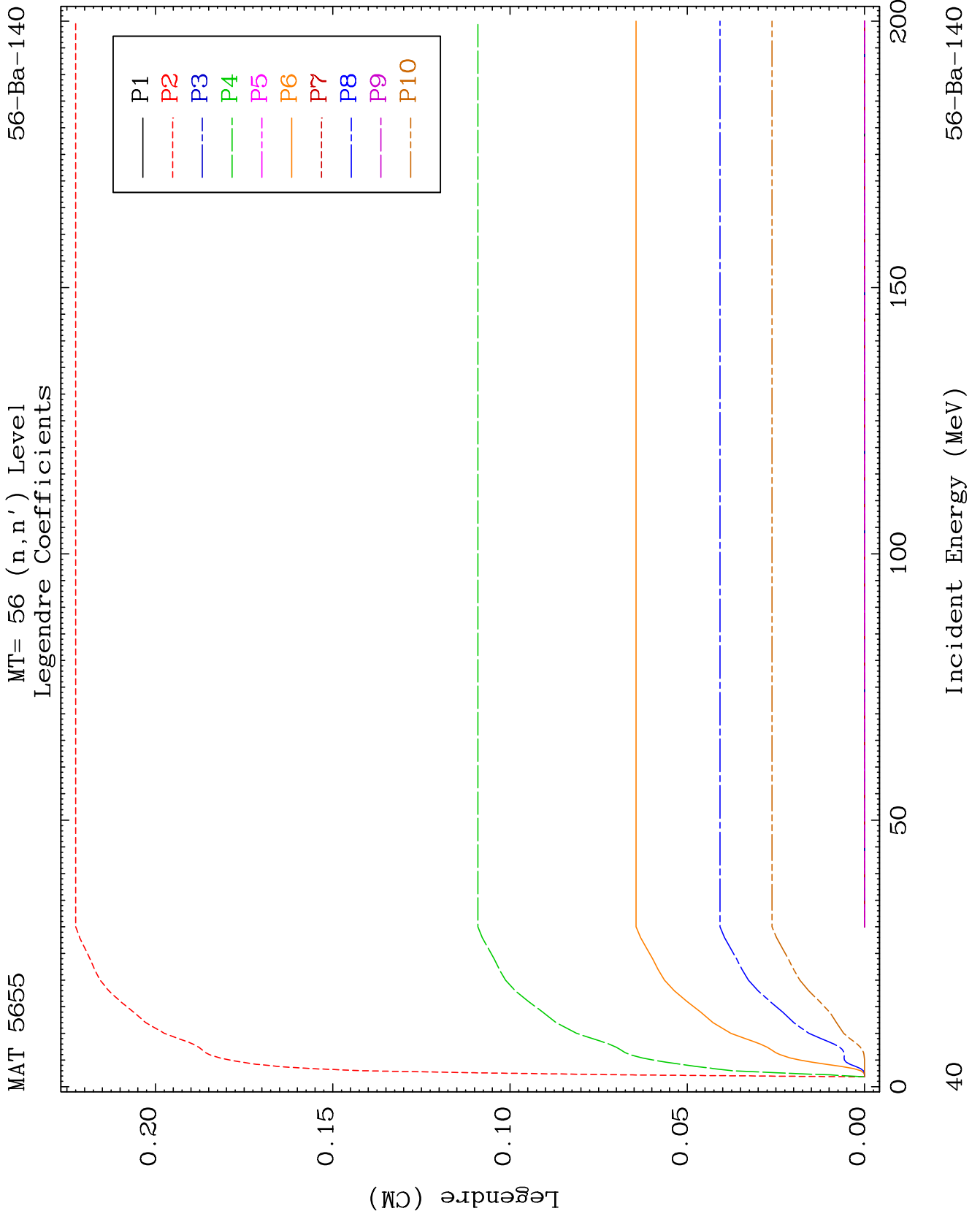


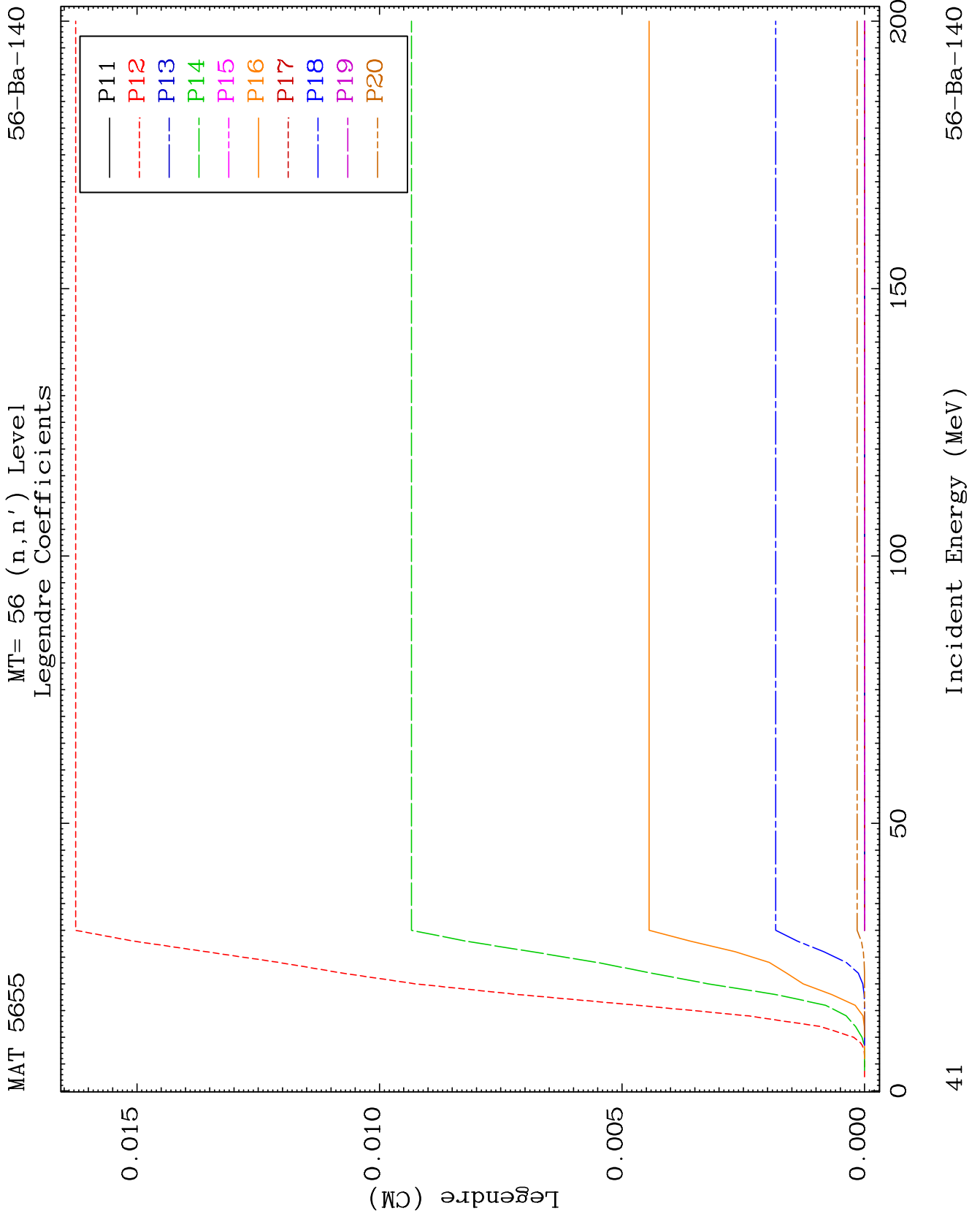
38

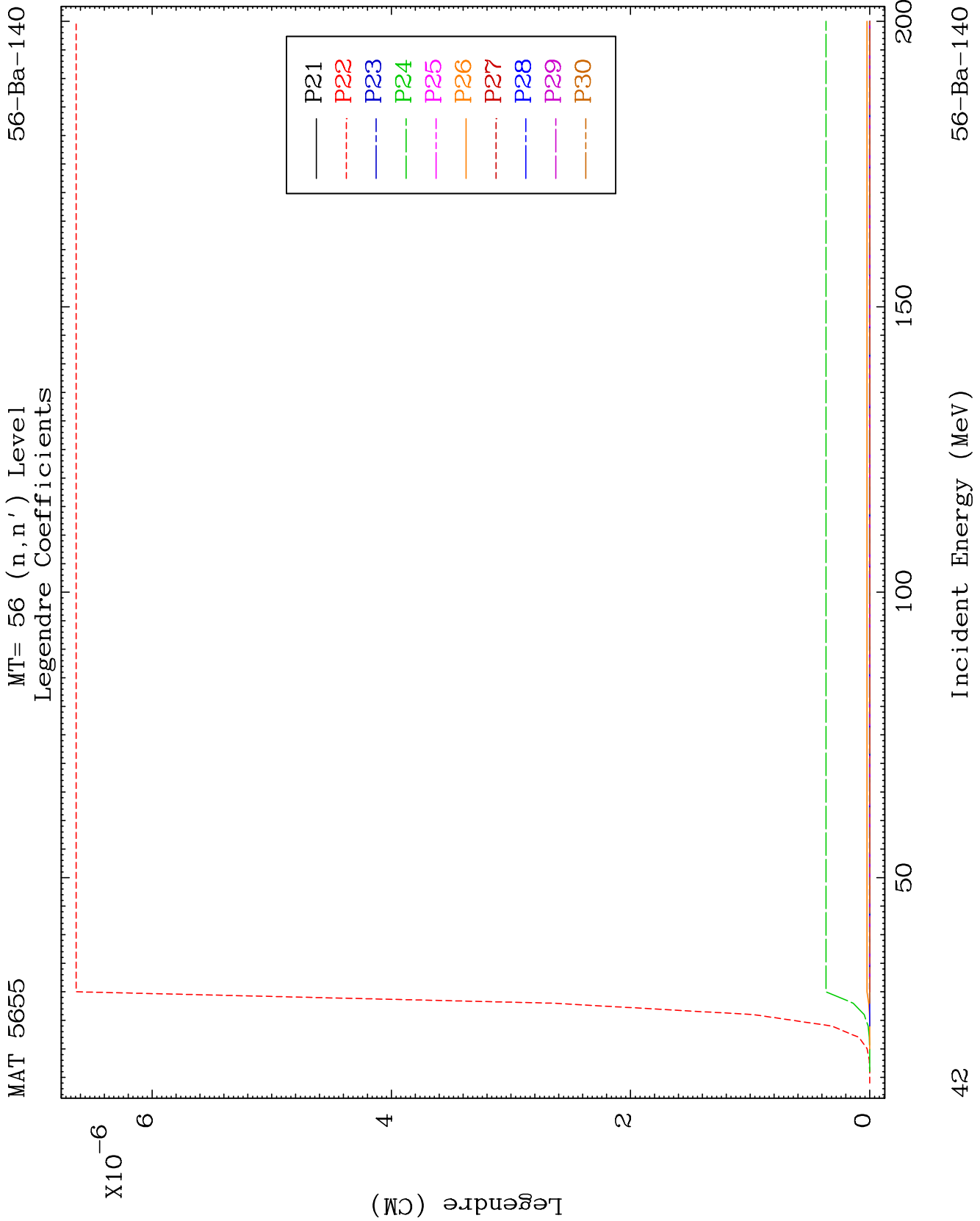
Incident Energy (MeV)

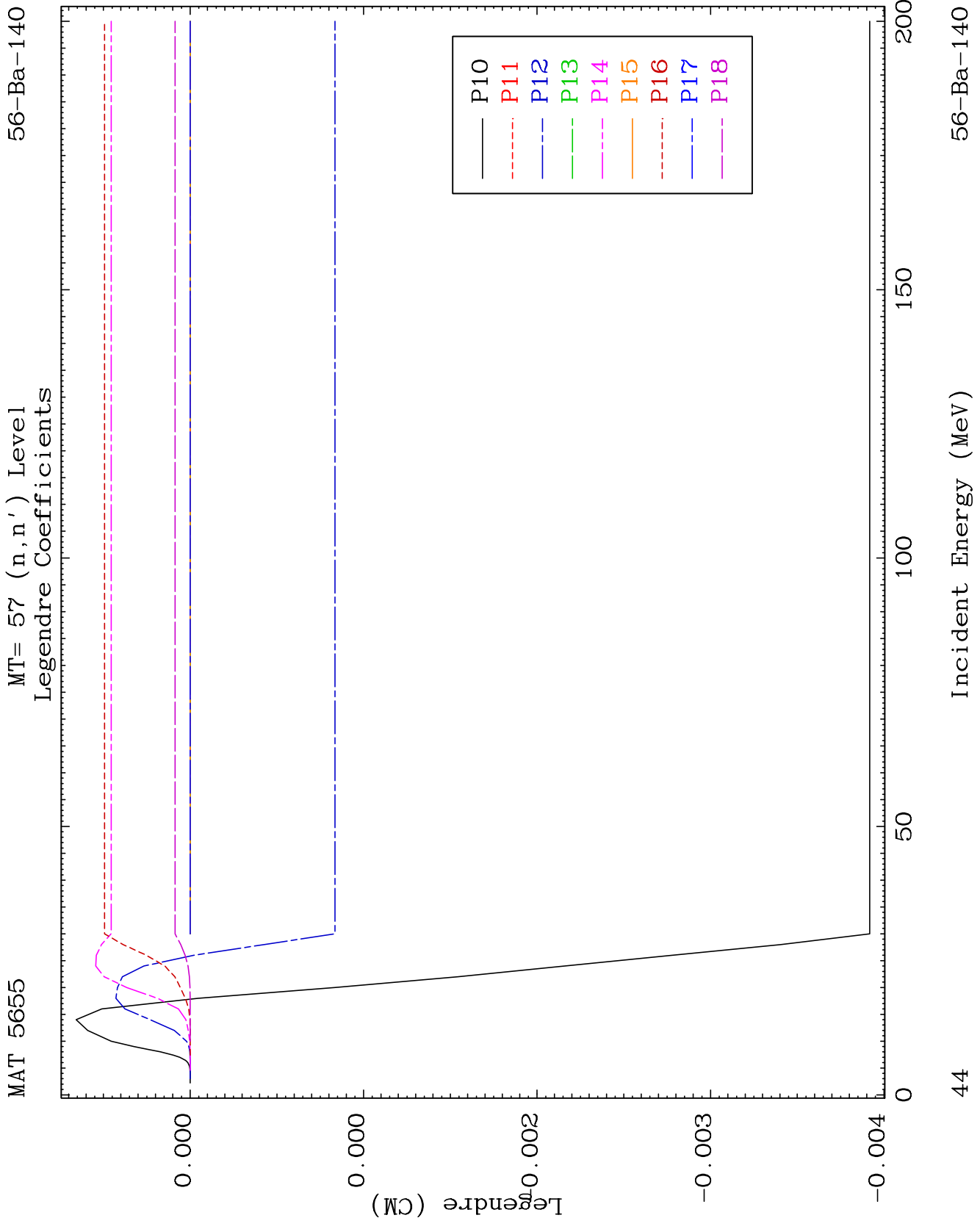
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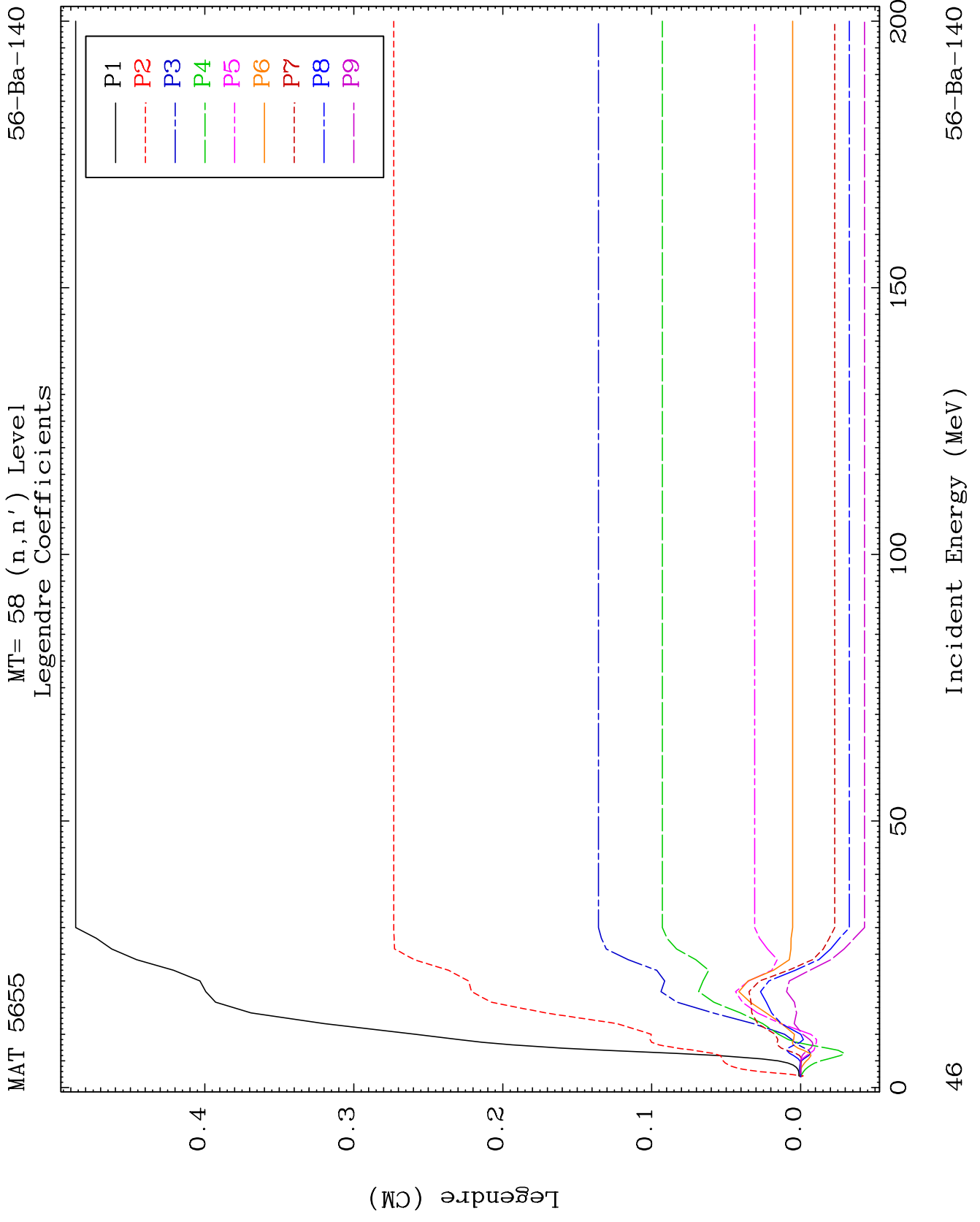








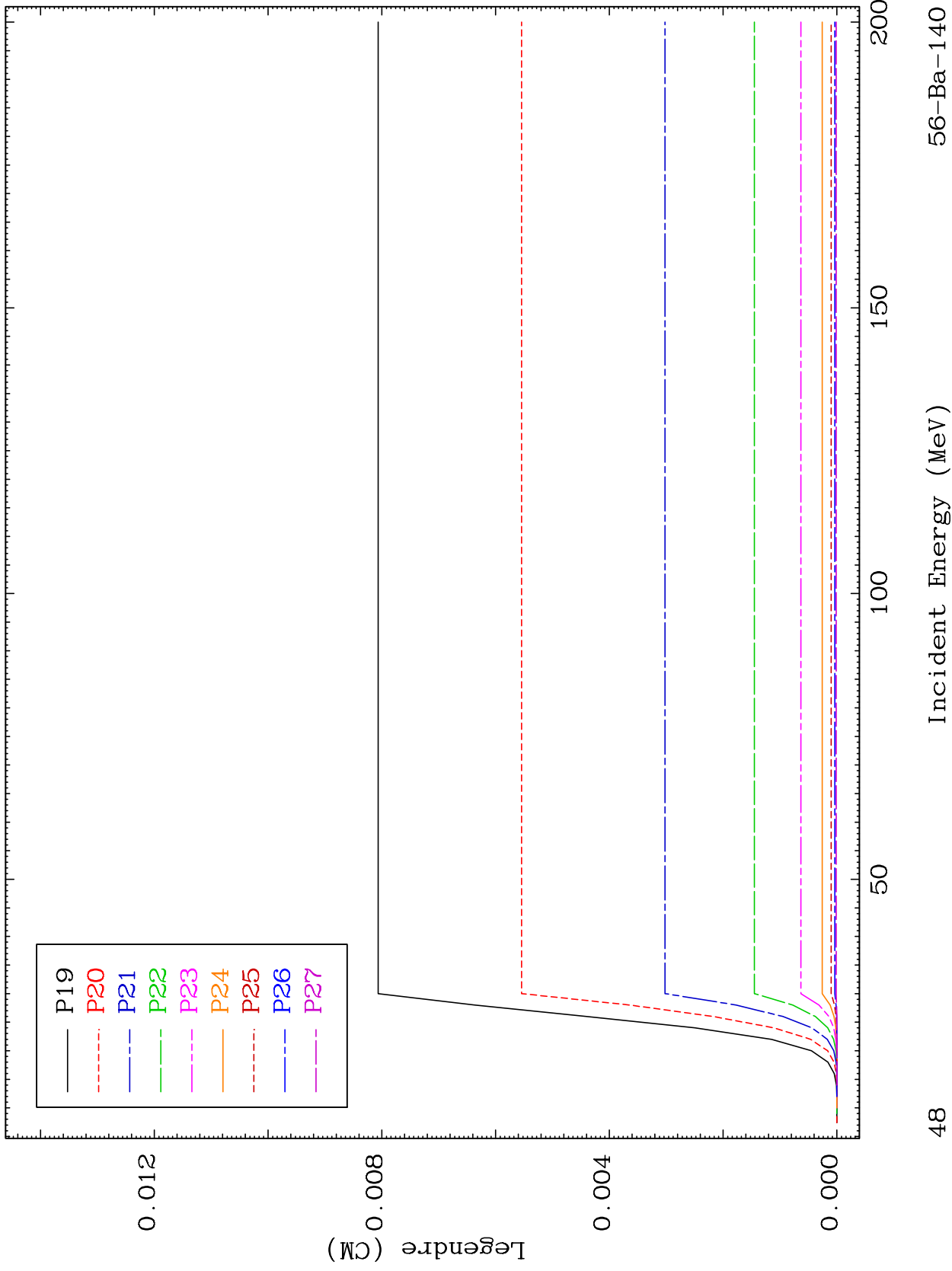




MAT 5655

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

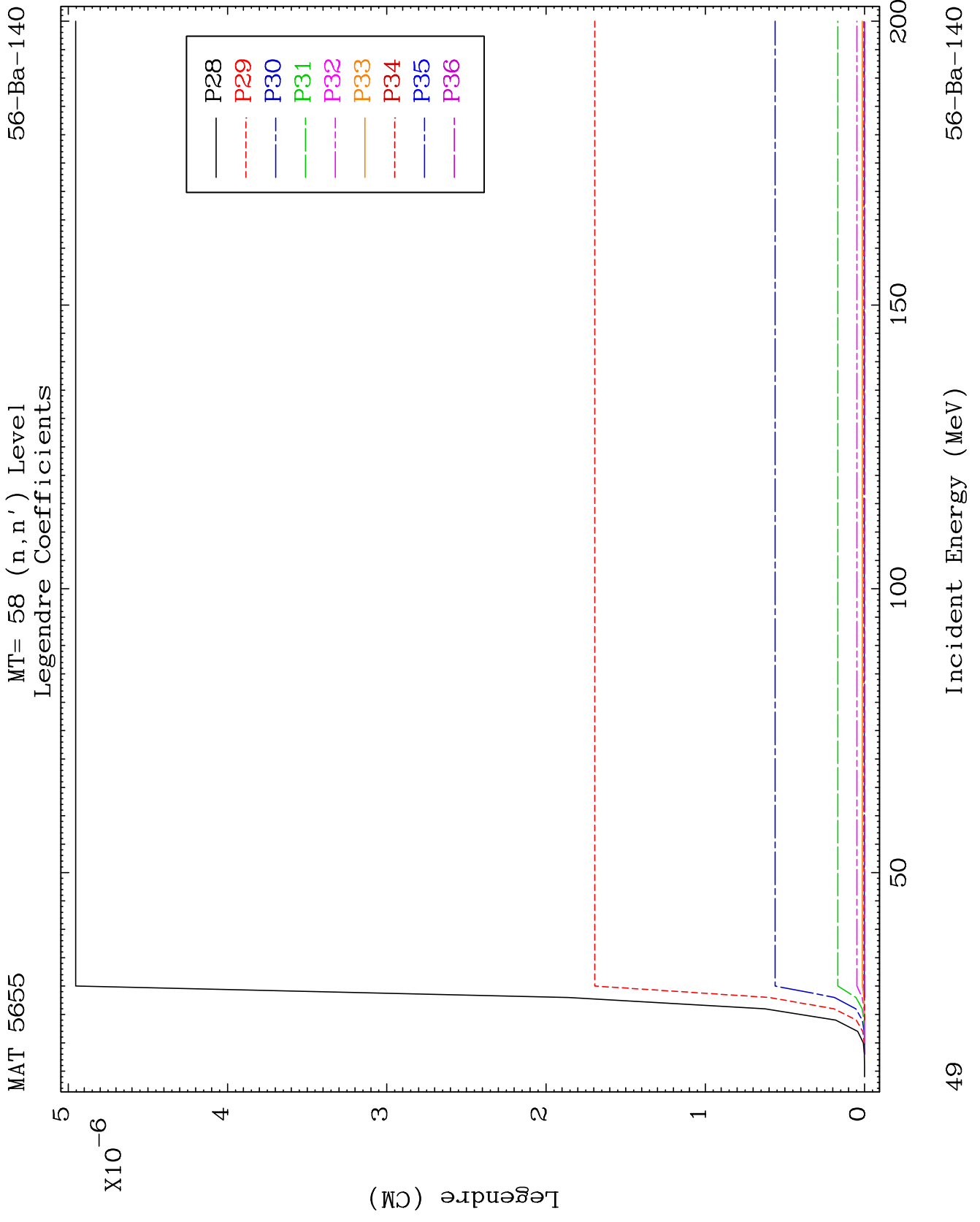
56-Ba-140

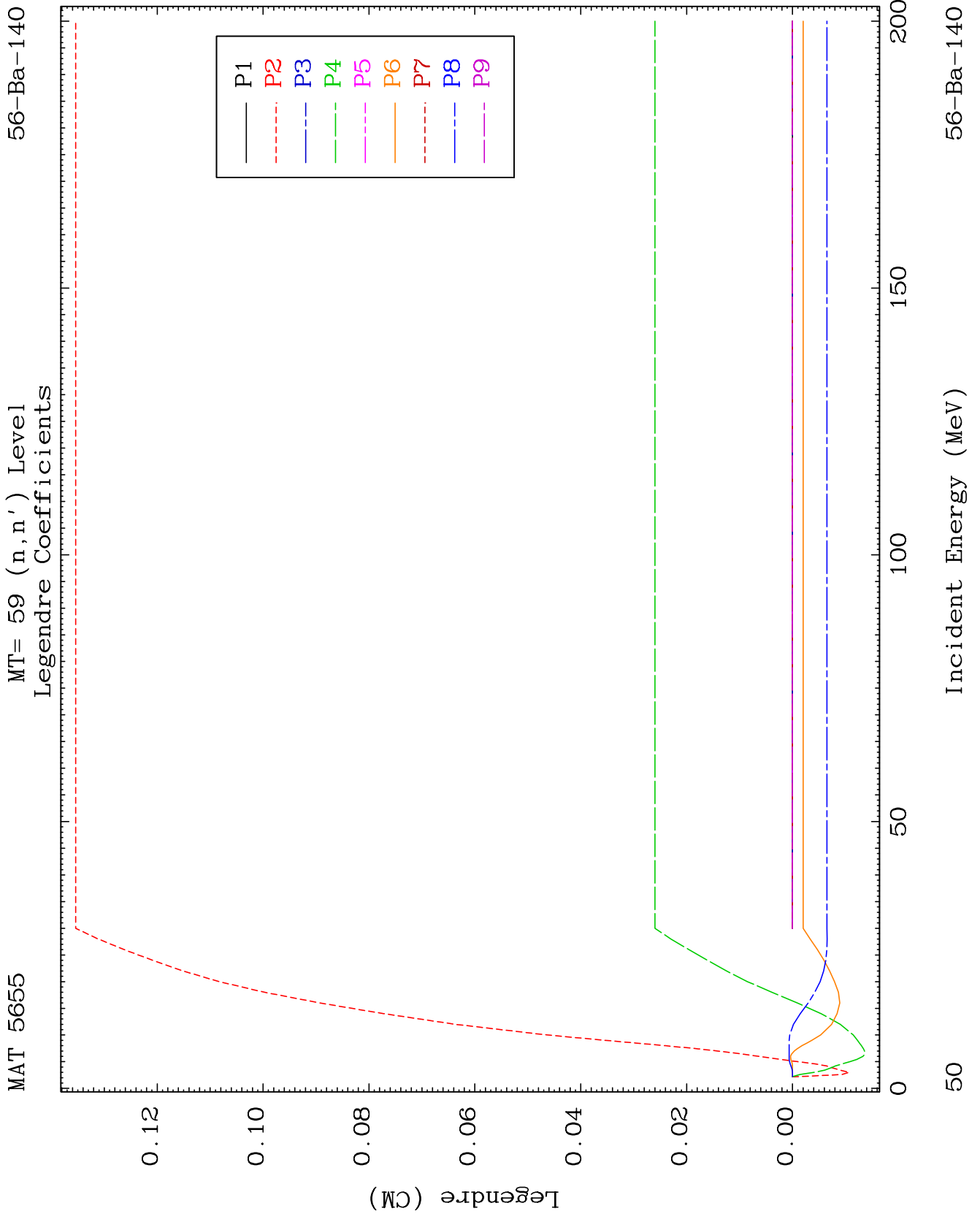


48

Incident Energy (MeV)

56-Ba-140

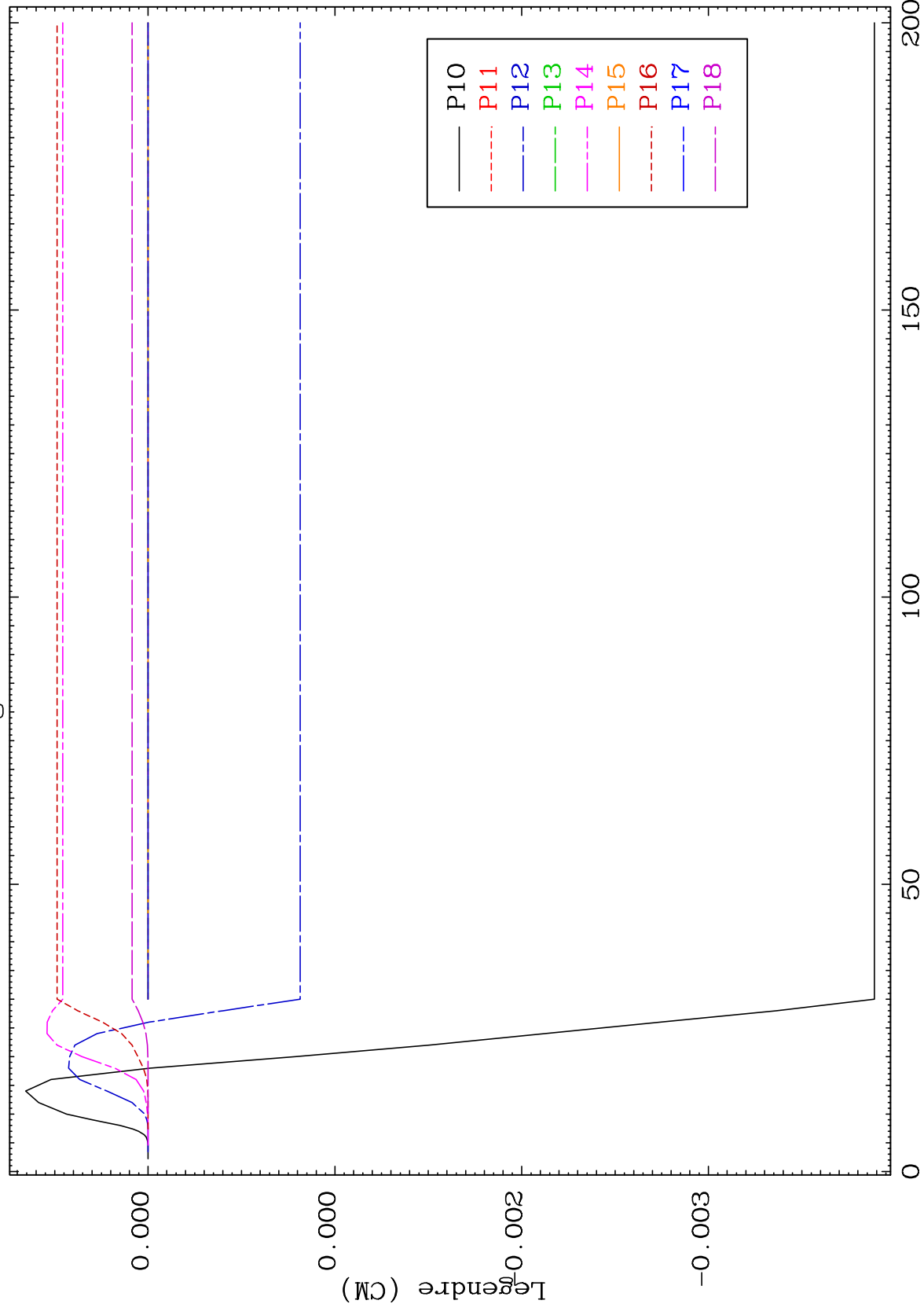




MAT 5655

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

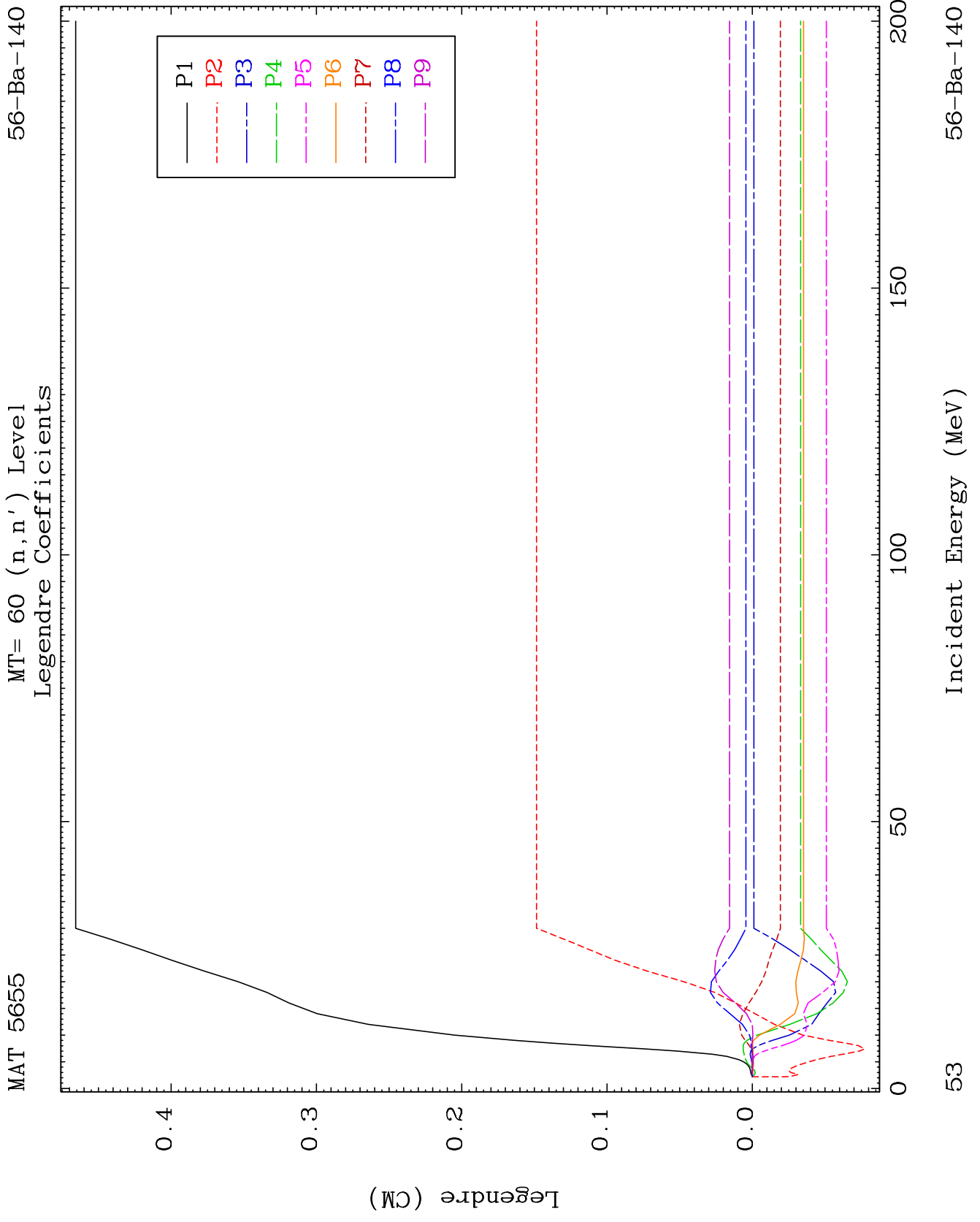
56-Ba-140



51

Incident Energy (MeV)

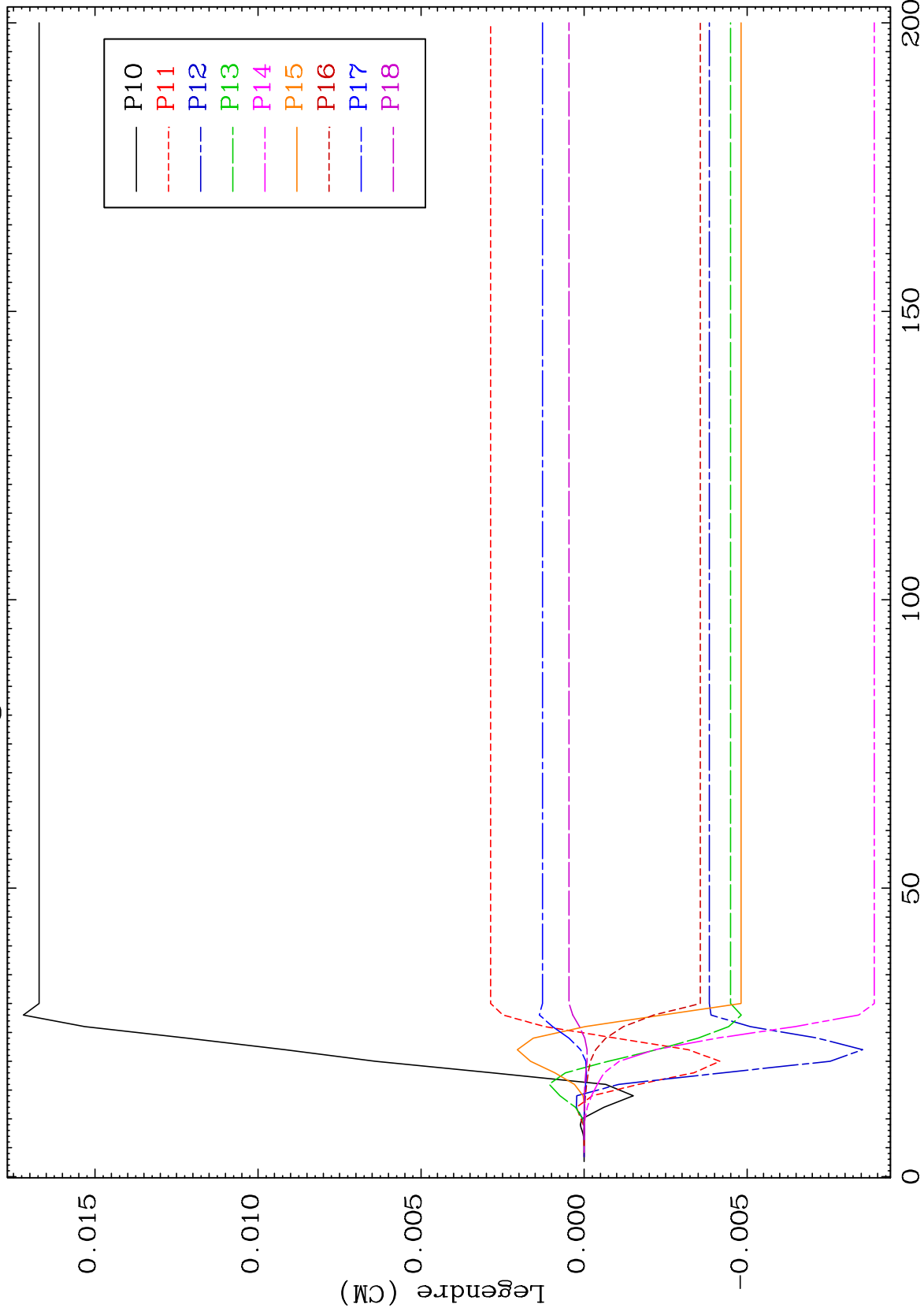
56-Ba-140



MAT 5655

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

56-Ba-140



54

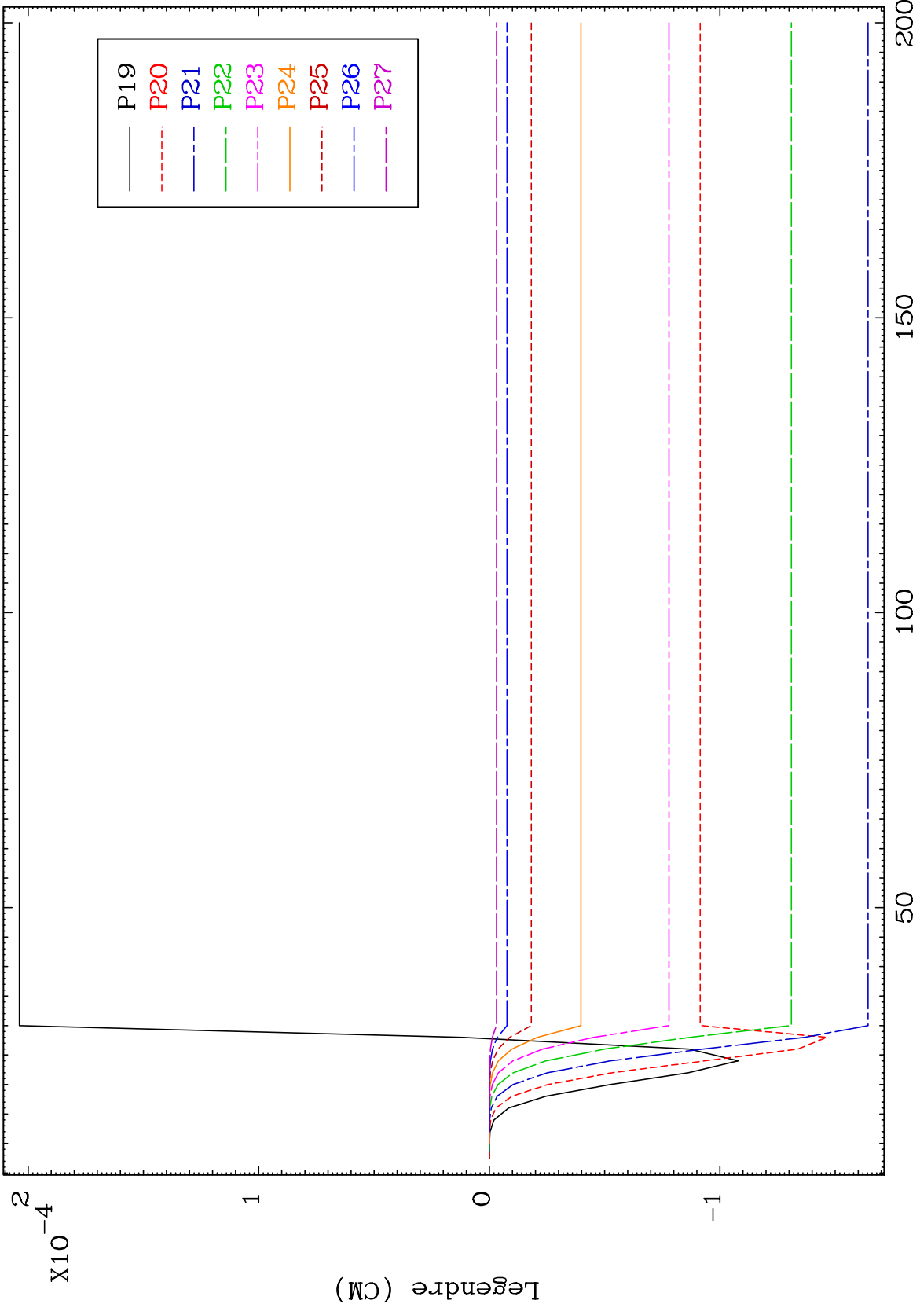
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

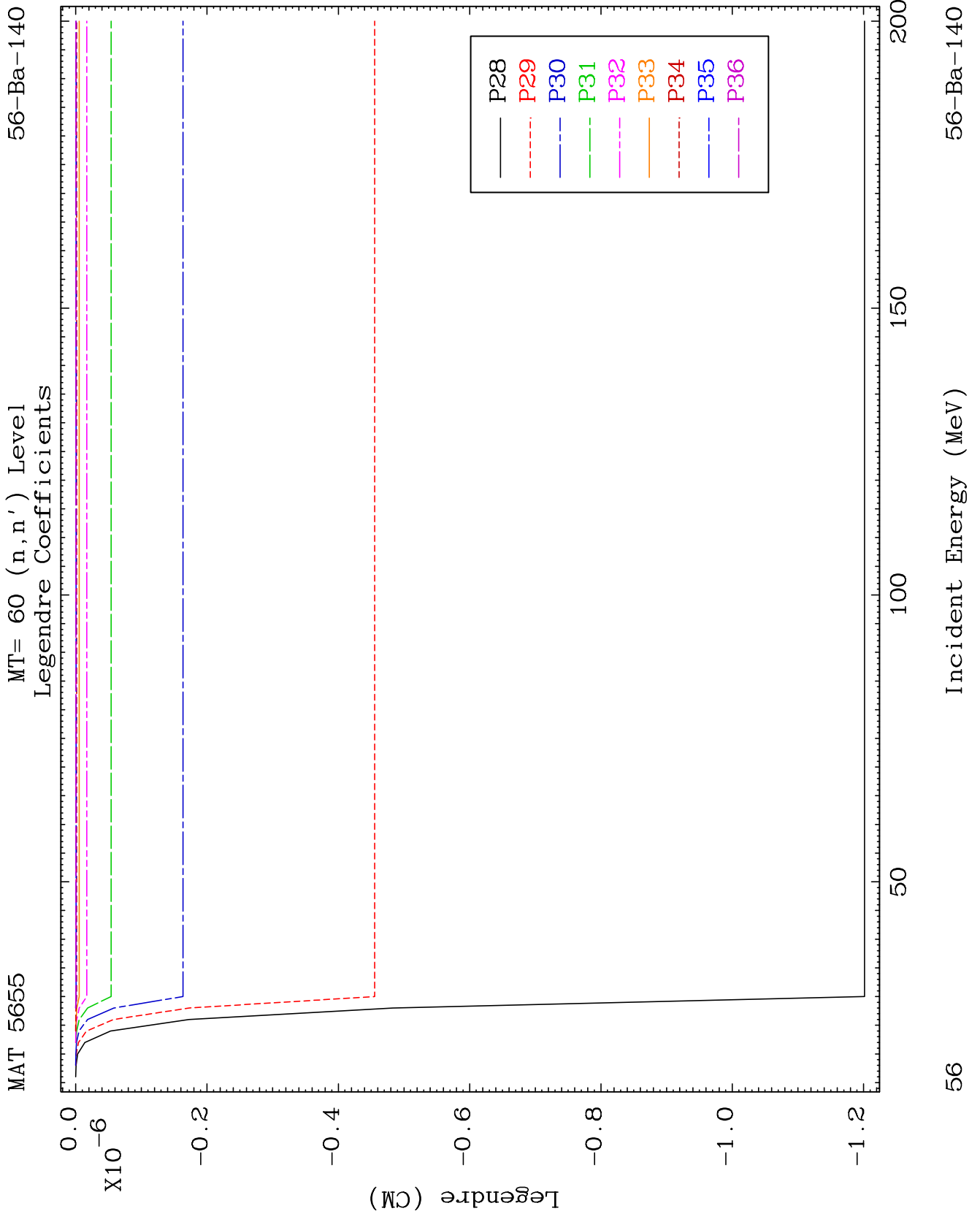
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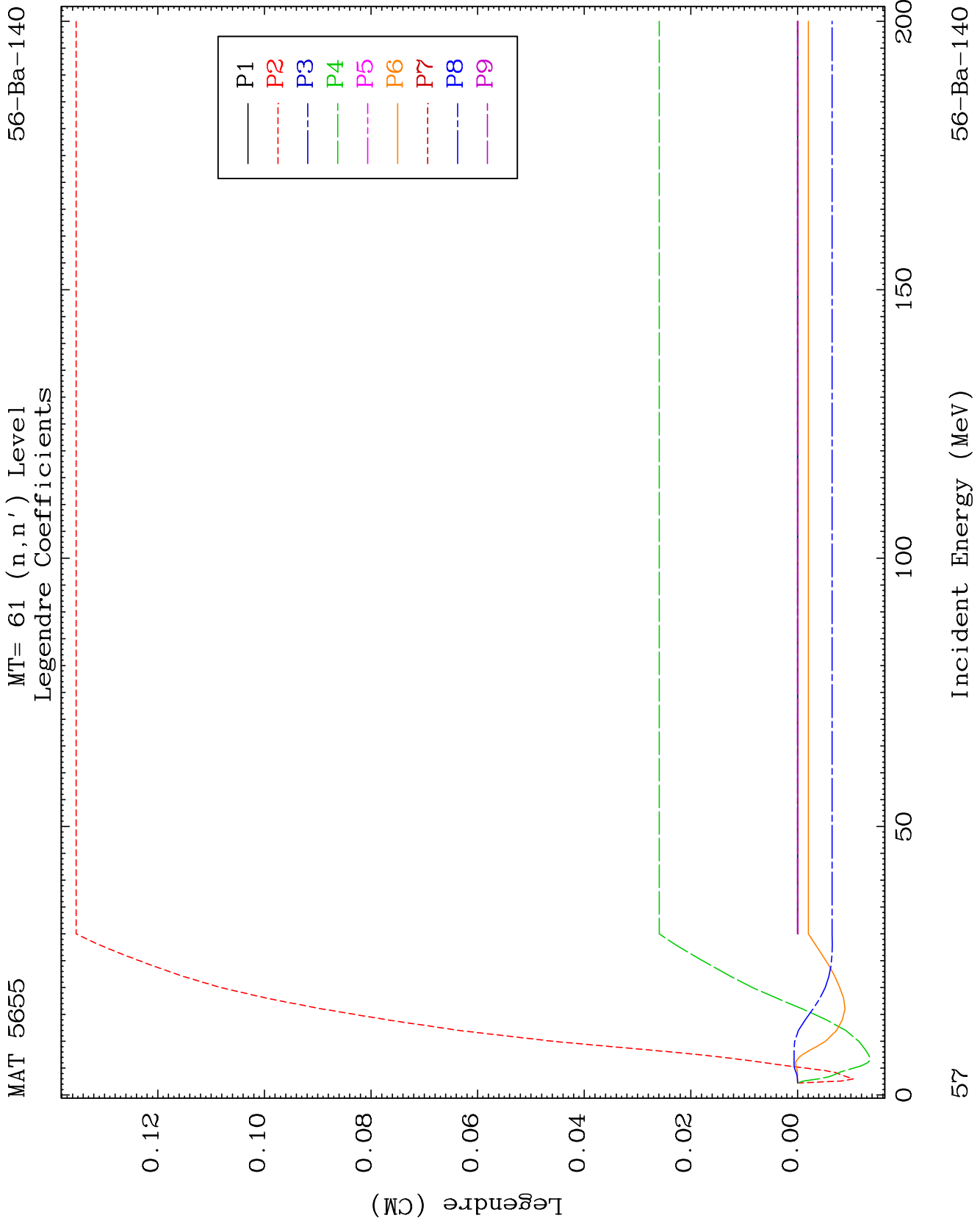


55

Incident Energy (MeV)

56-Ba-140



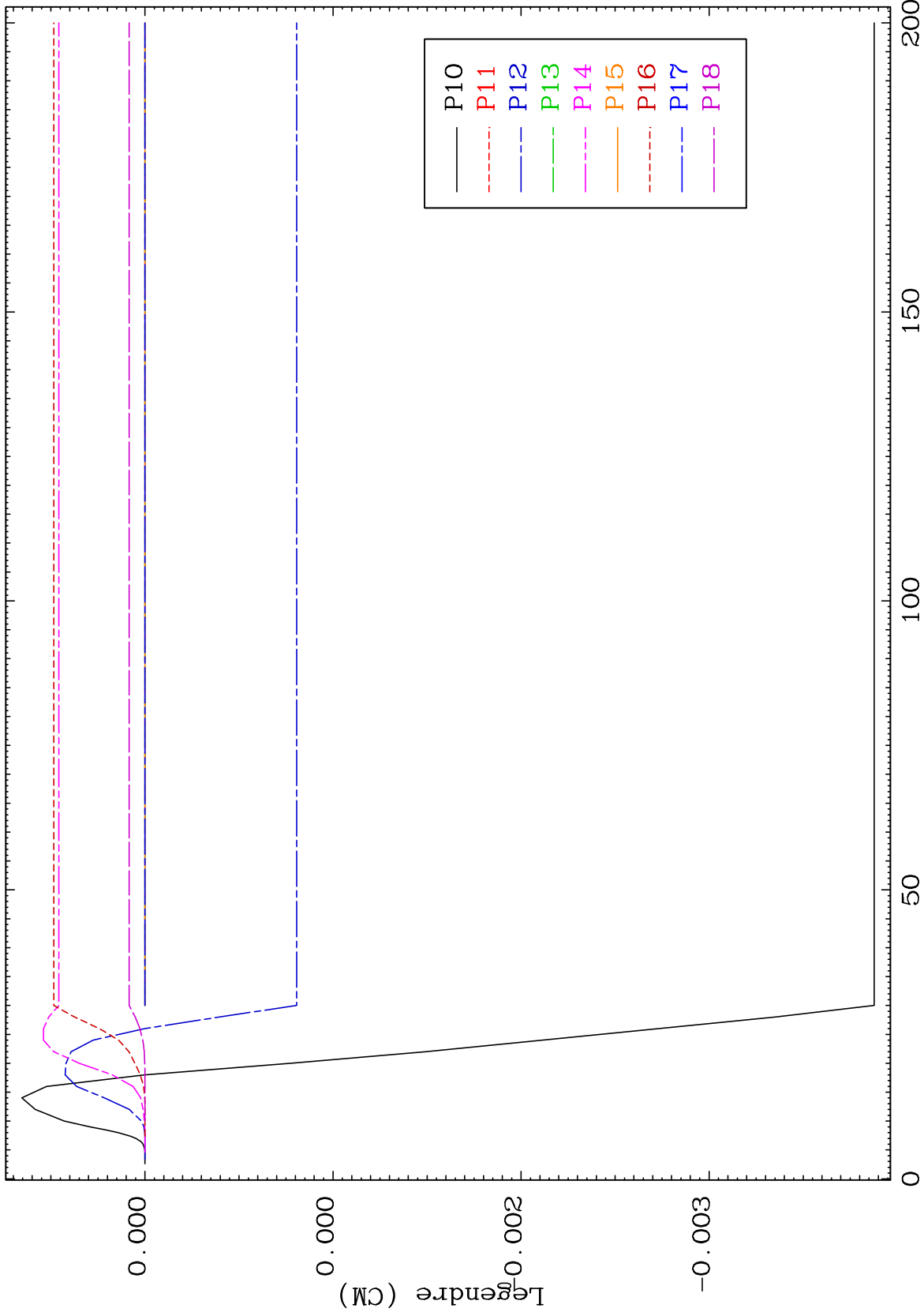


MAT 5655

MT= 61 (n,n') Level

56-Ba-140

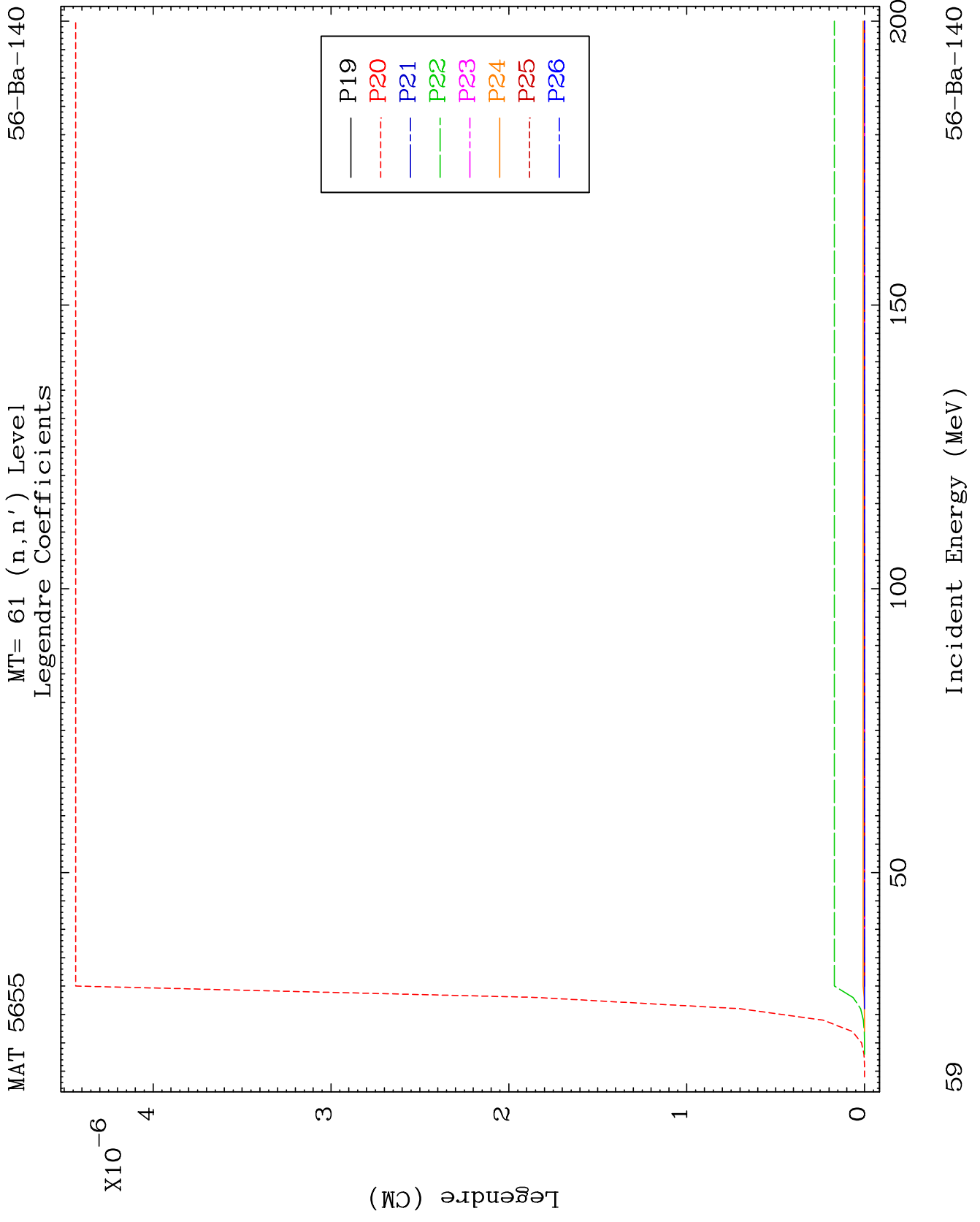
Legendre Coefficients

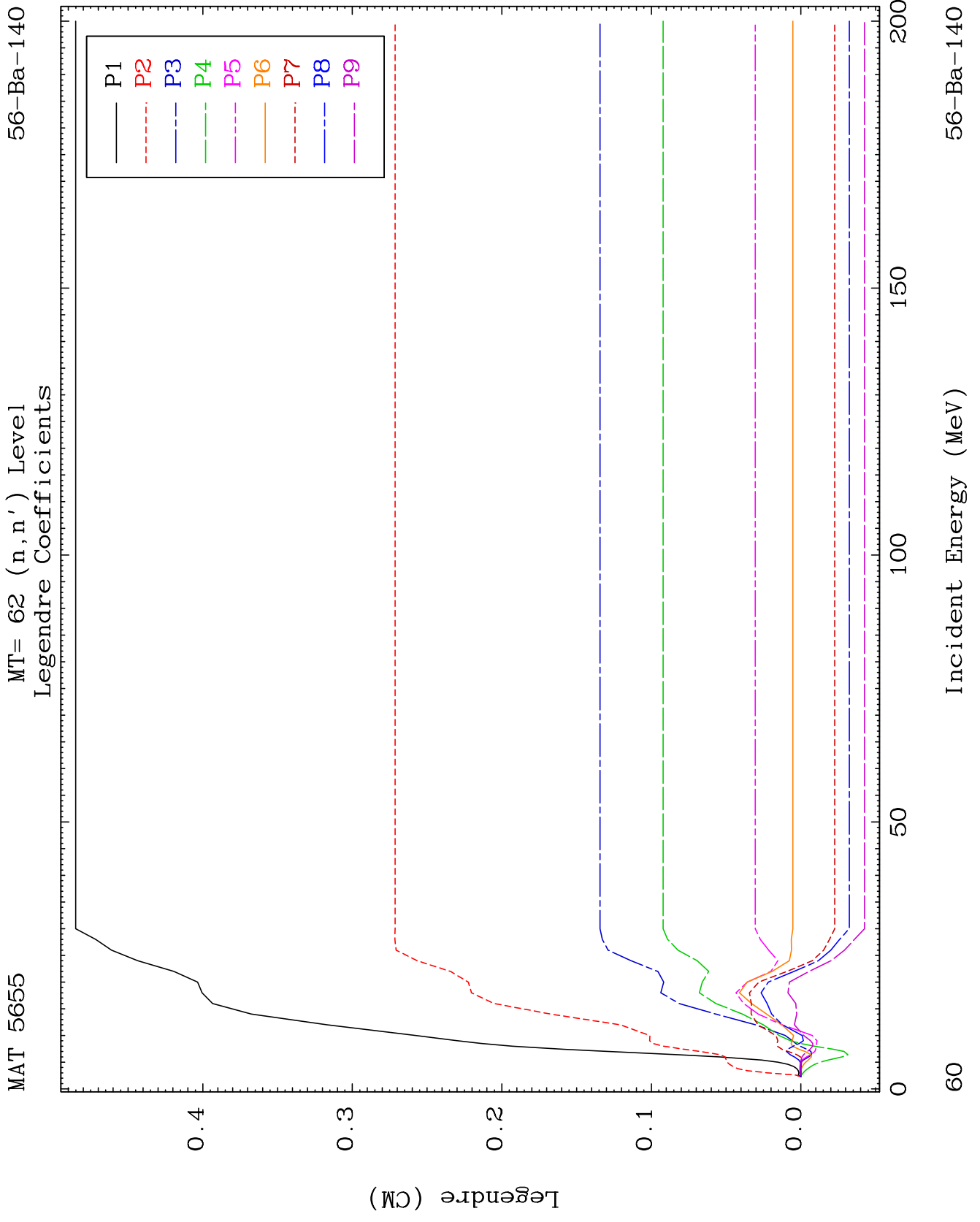


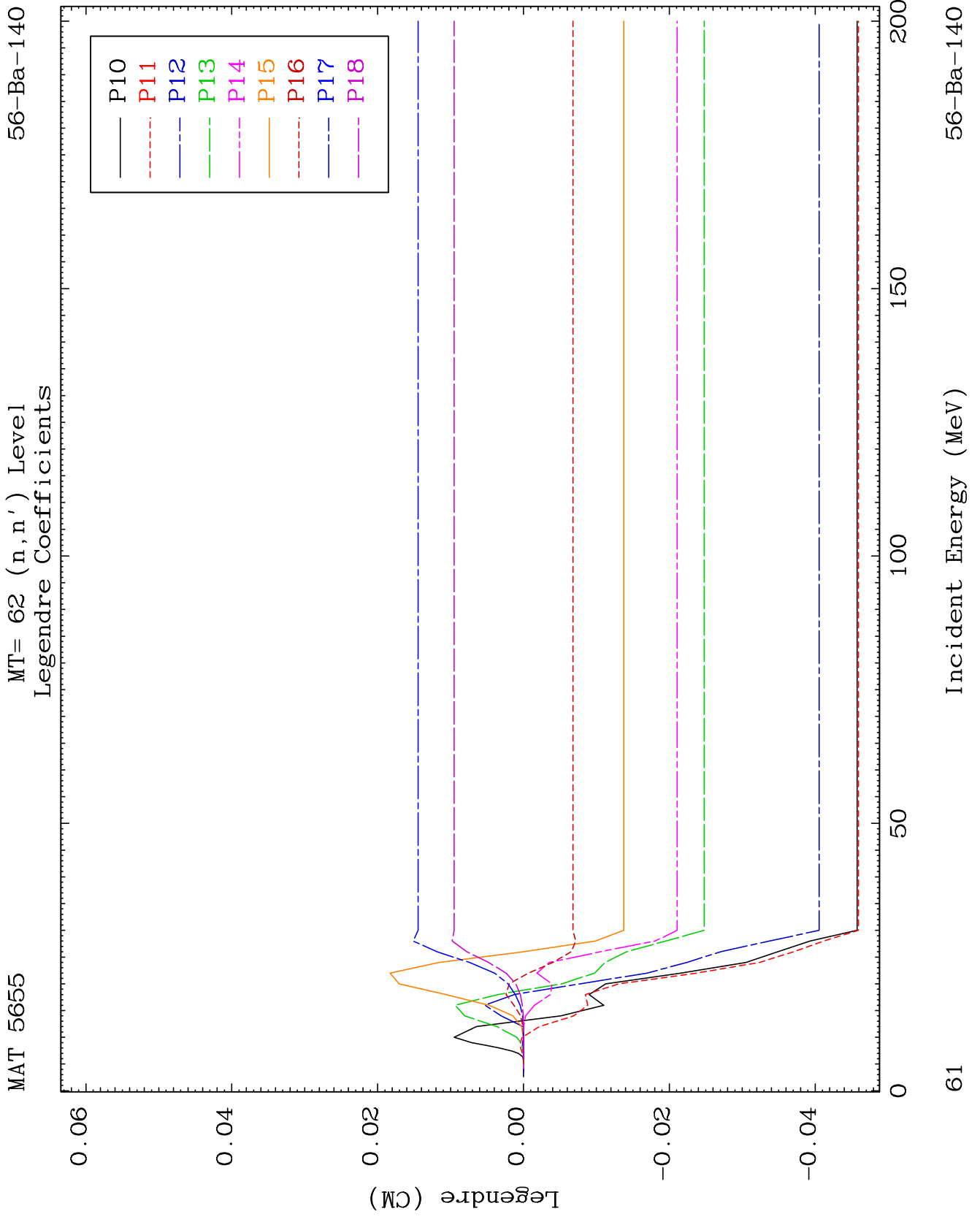
58

Incident Energy (MeV)

56-Ba-140



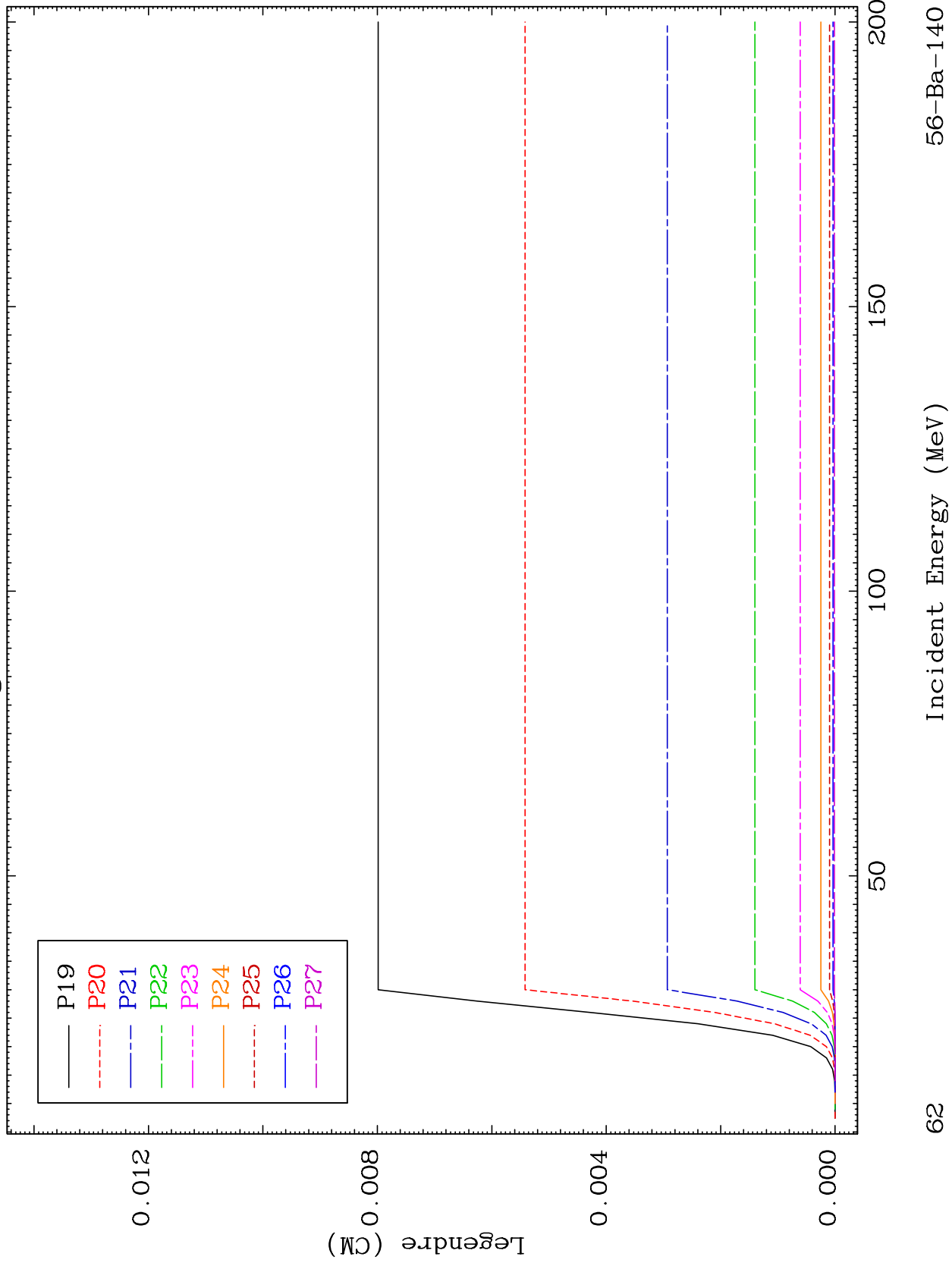




MAT 5655

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

56-Ba-140



62

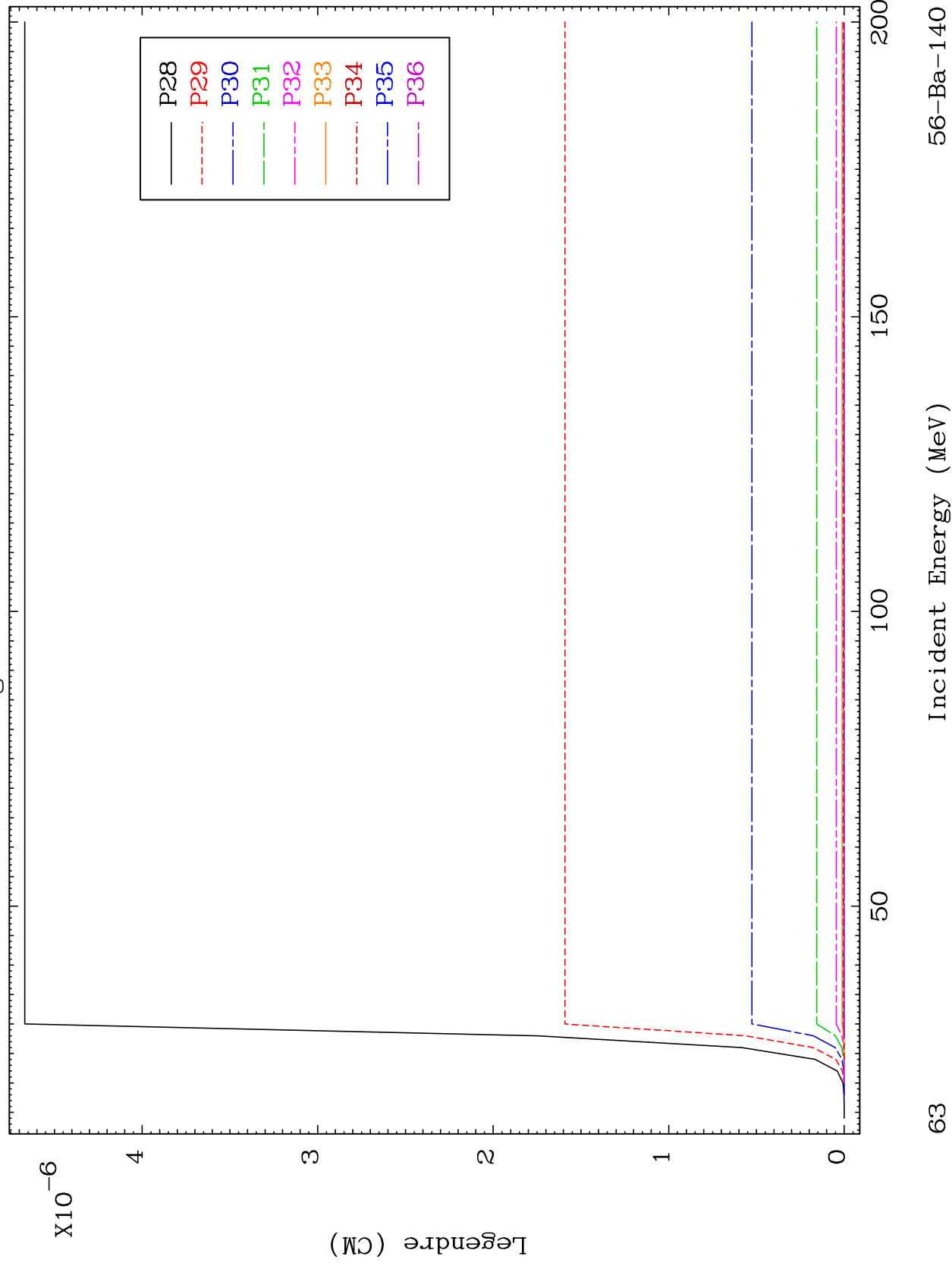
Incident Energy (MeV)

56-Ba-140

MAT 5655

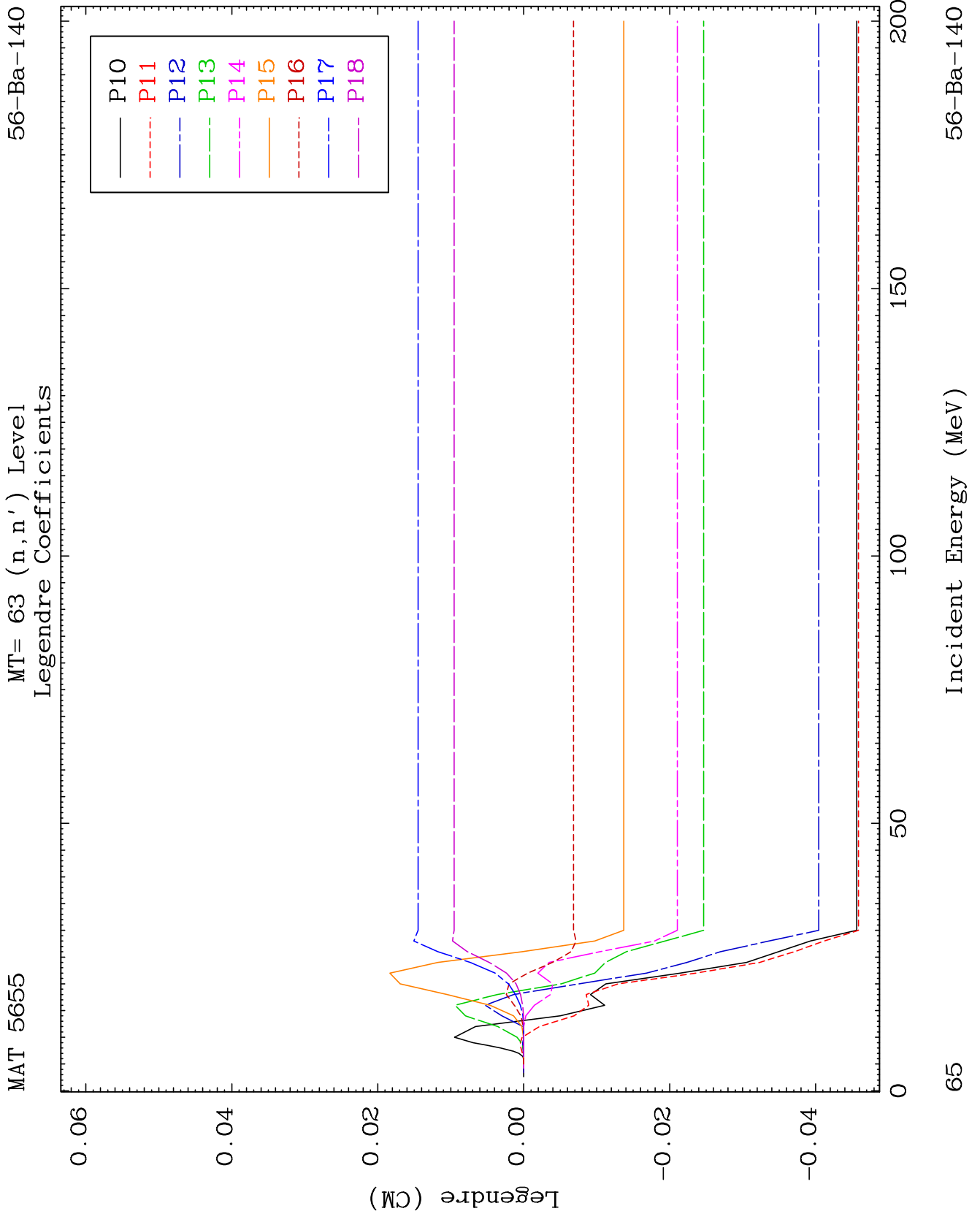
MT= 62 (n,n') Level
Legendre Coefficients

56-Ba-140

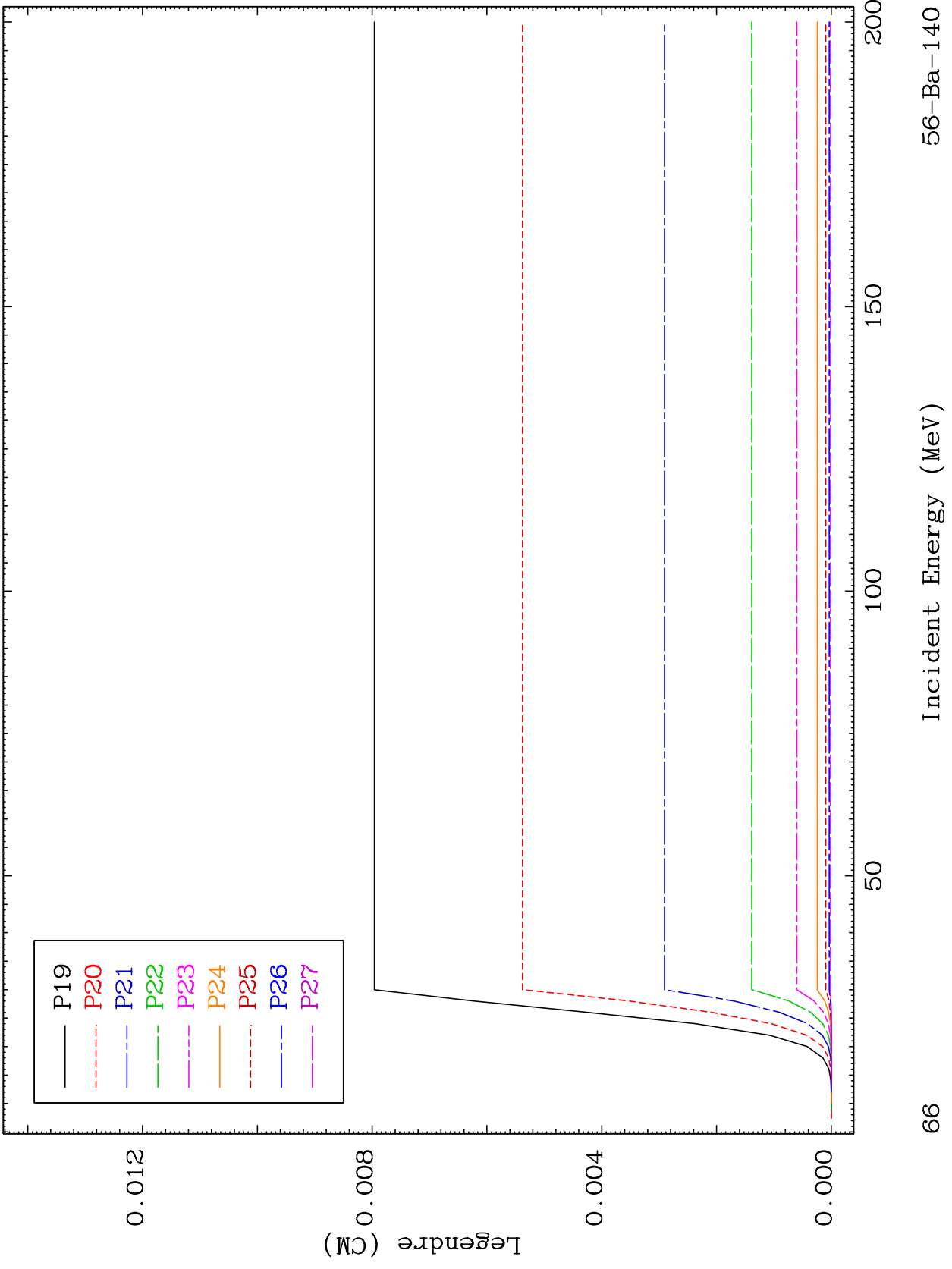


63

56-Ba-140



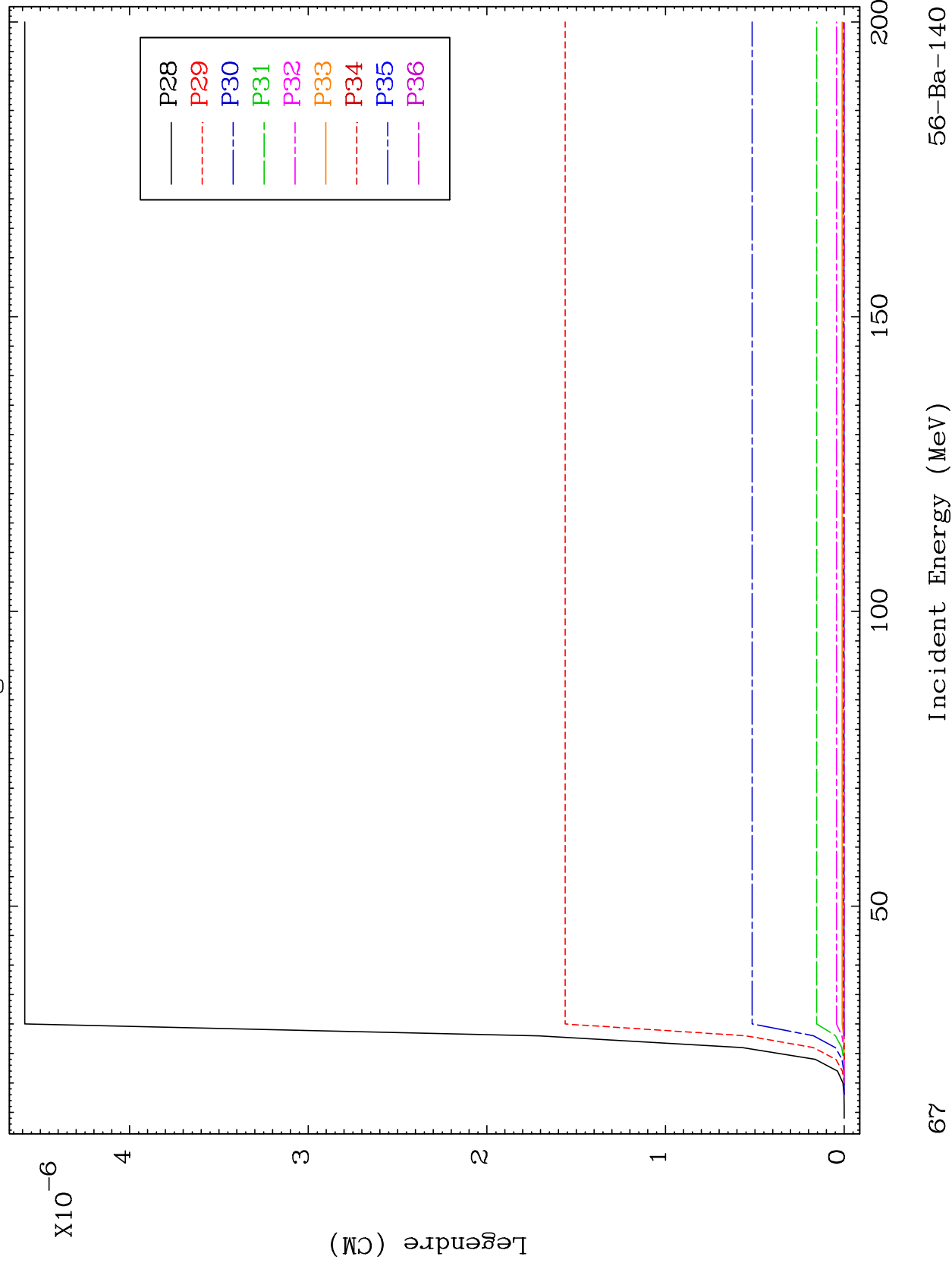
MAT 5655 MT= 63 (n,n') Level Legendre Coefficients 56-Ba-140

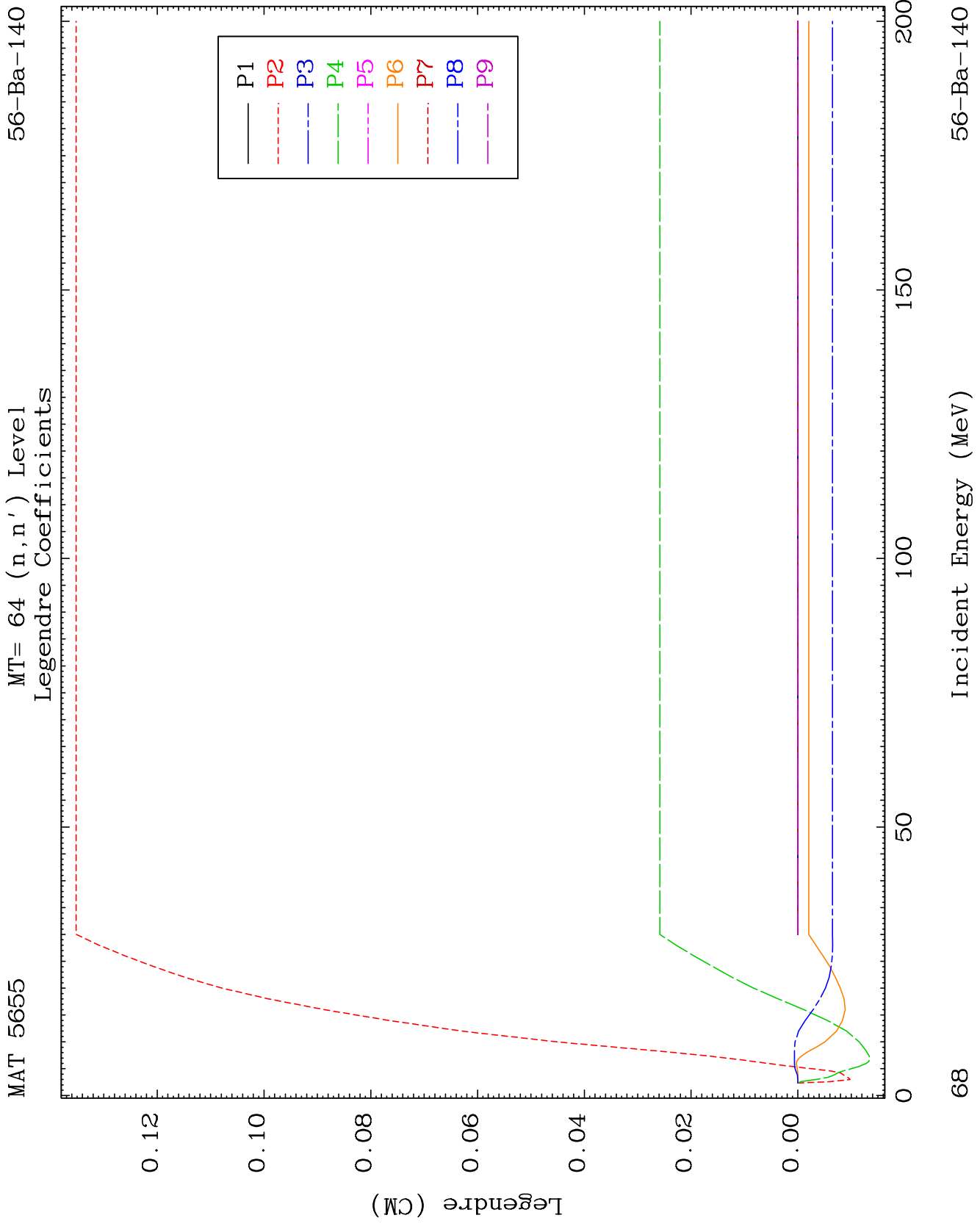


MAT 5655

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

56-Ba-140

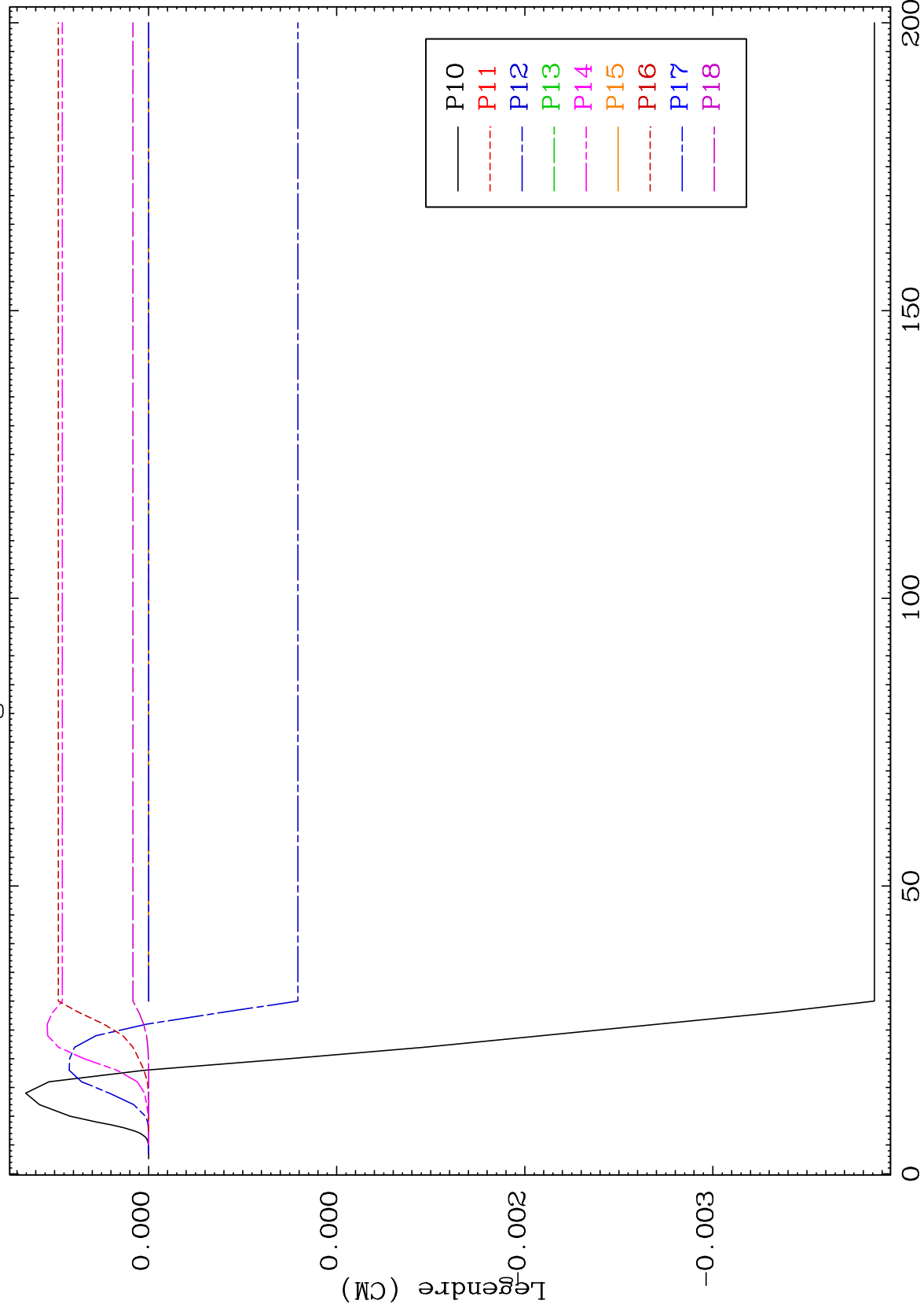




MAT 5655

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

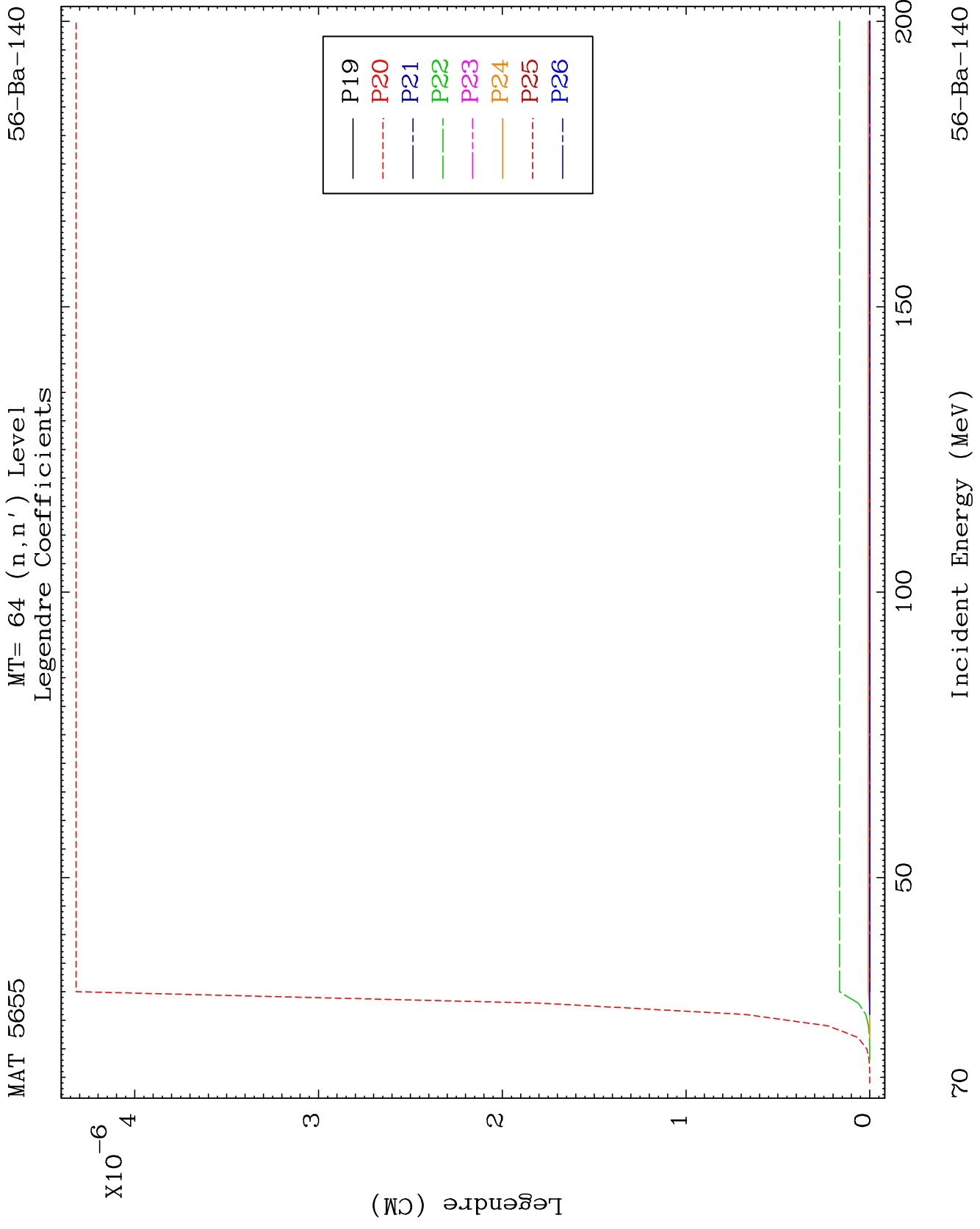
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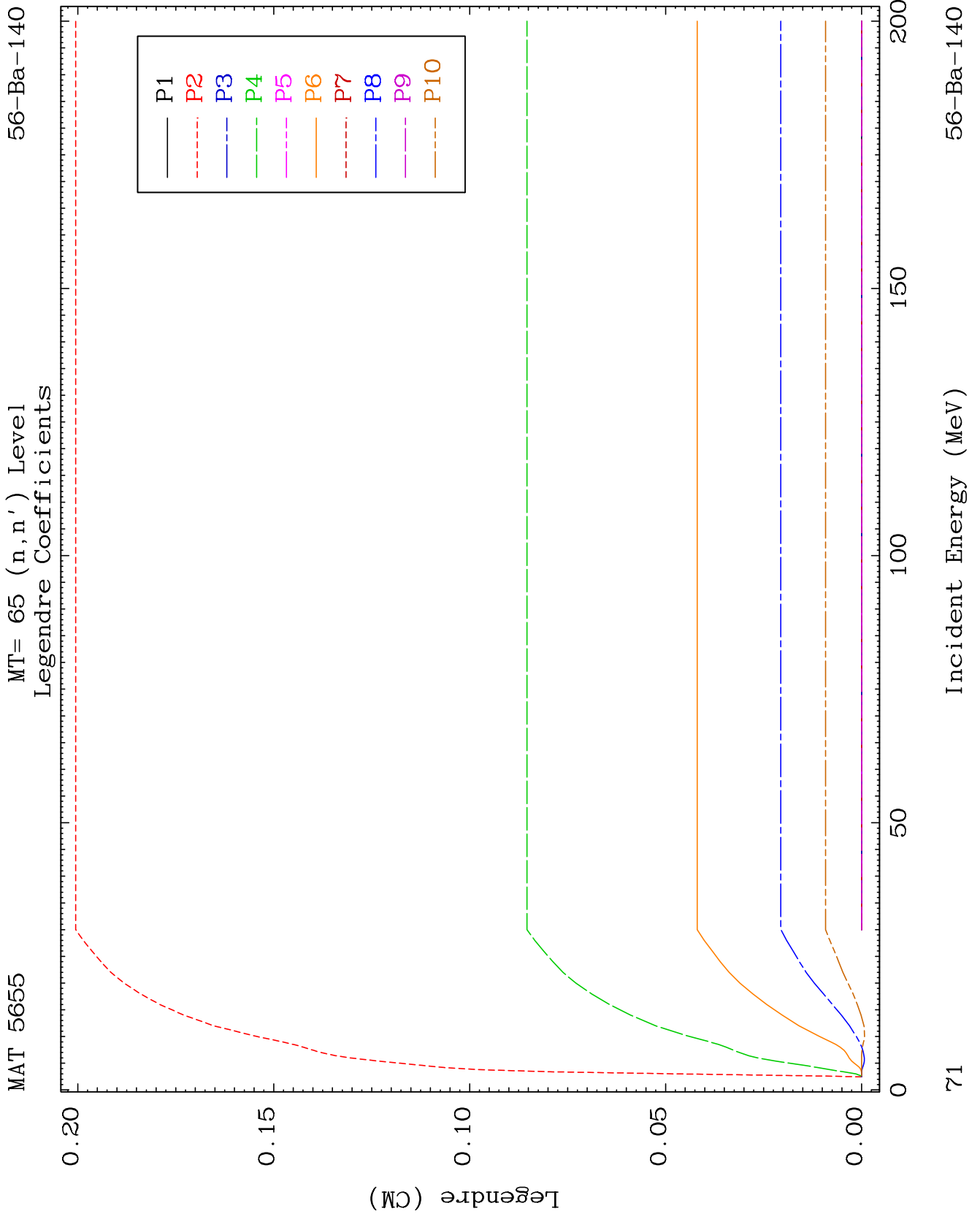


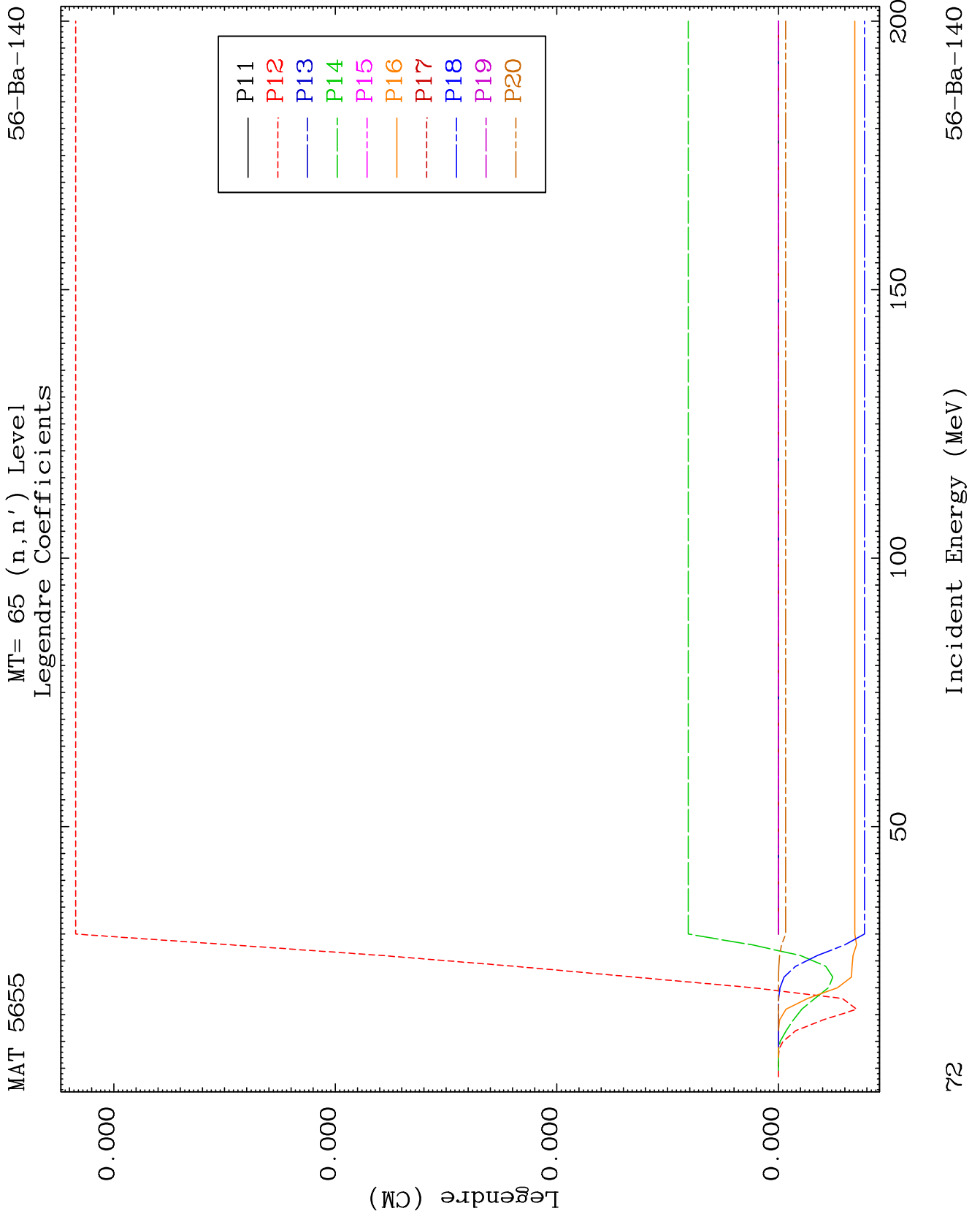
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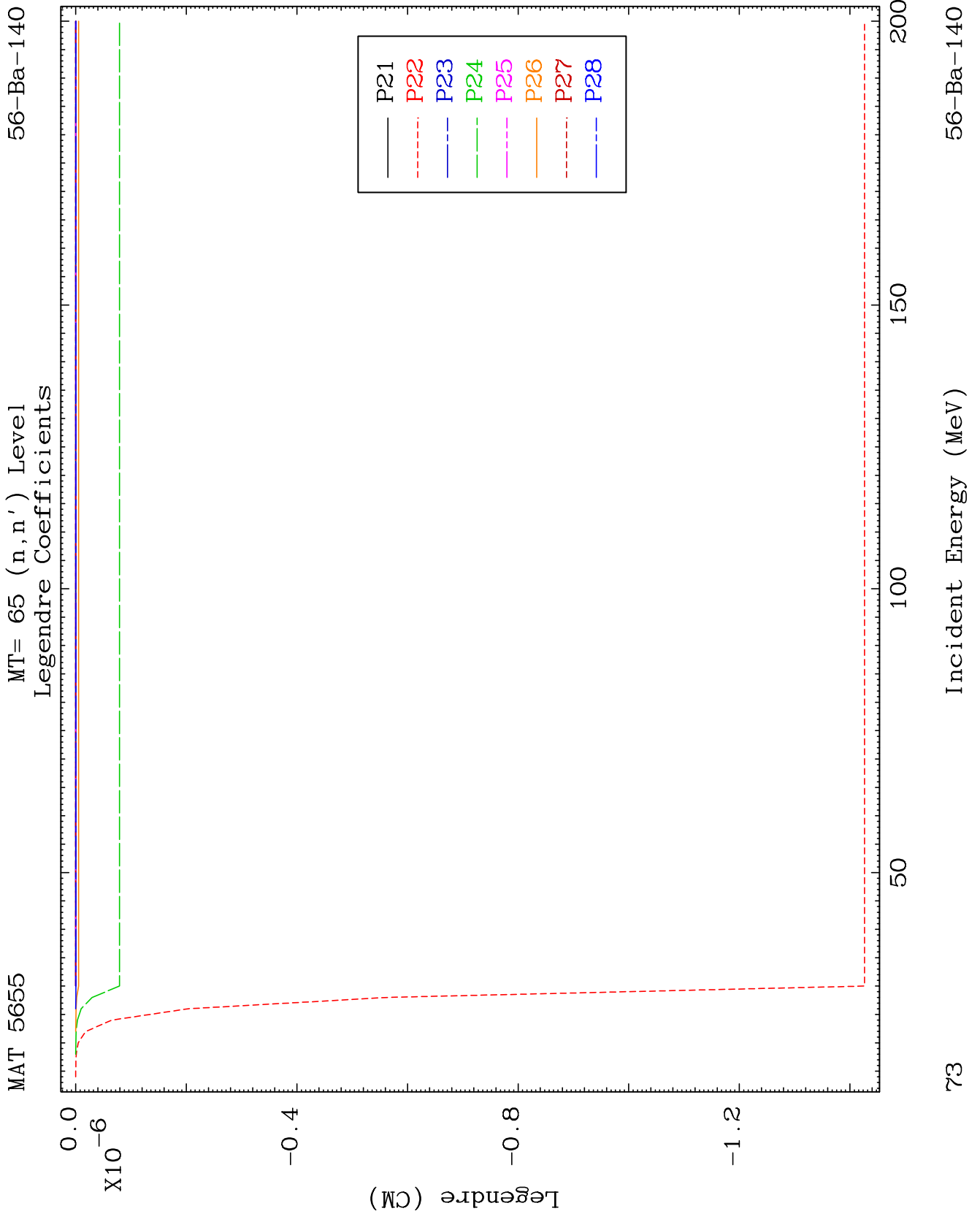
Incident Energy (MeV)

56-Ba-140





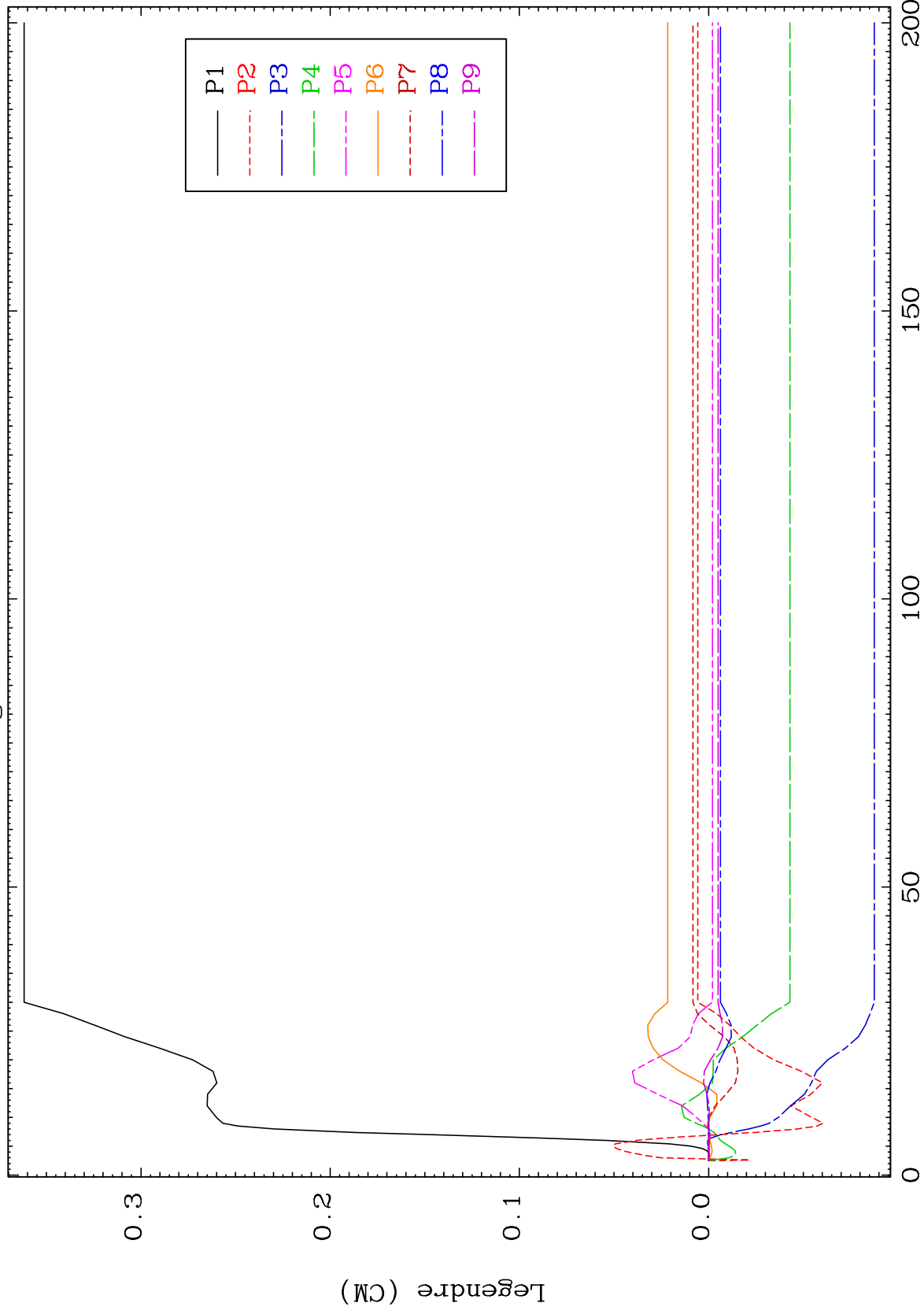




MAT 5655

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

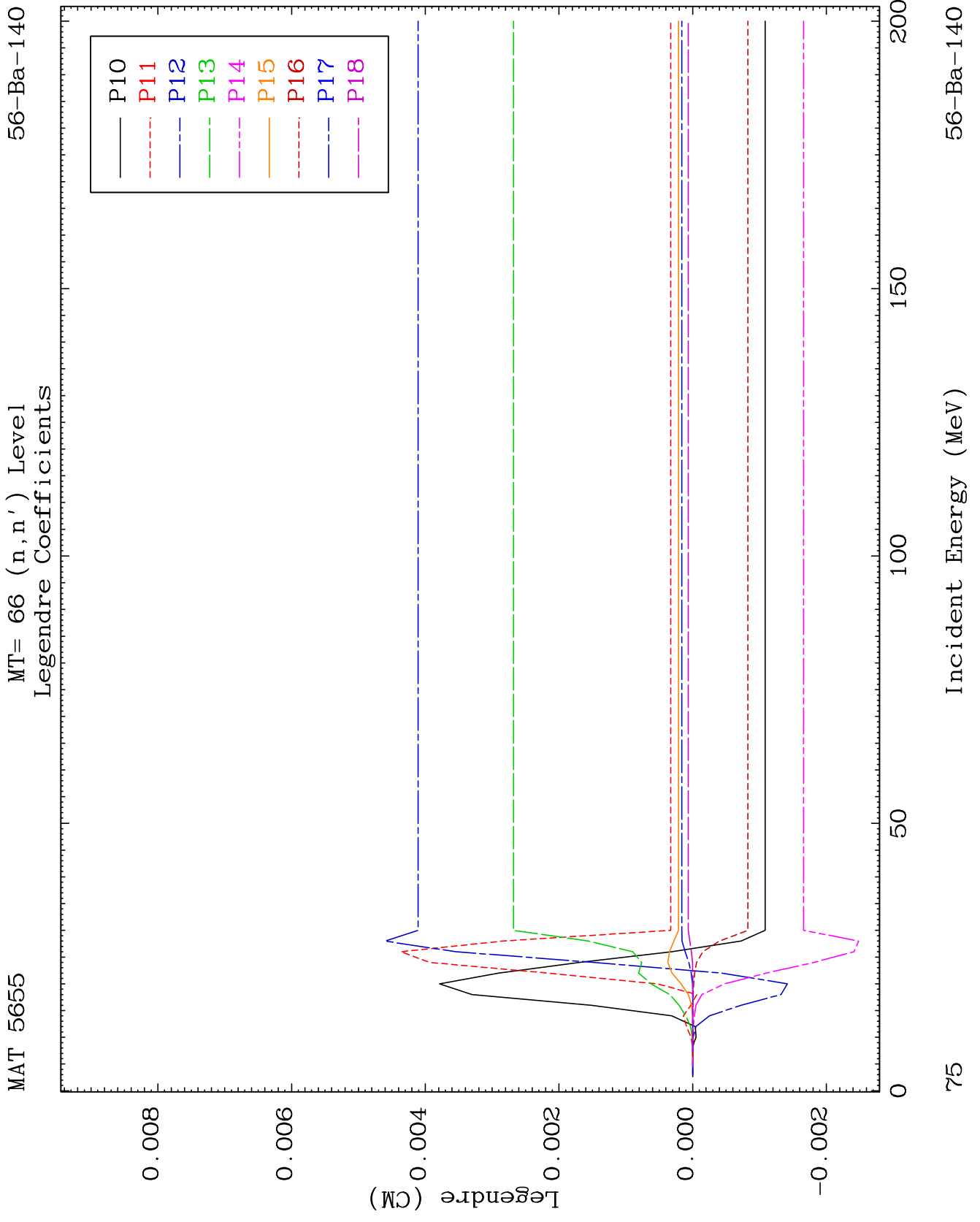
56-Ba-140



74

Incident Energy (MeV)

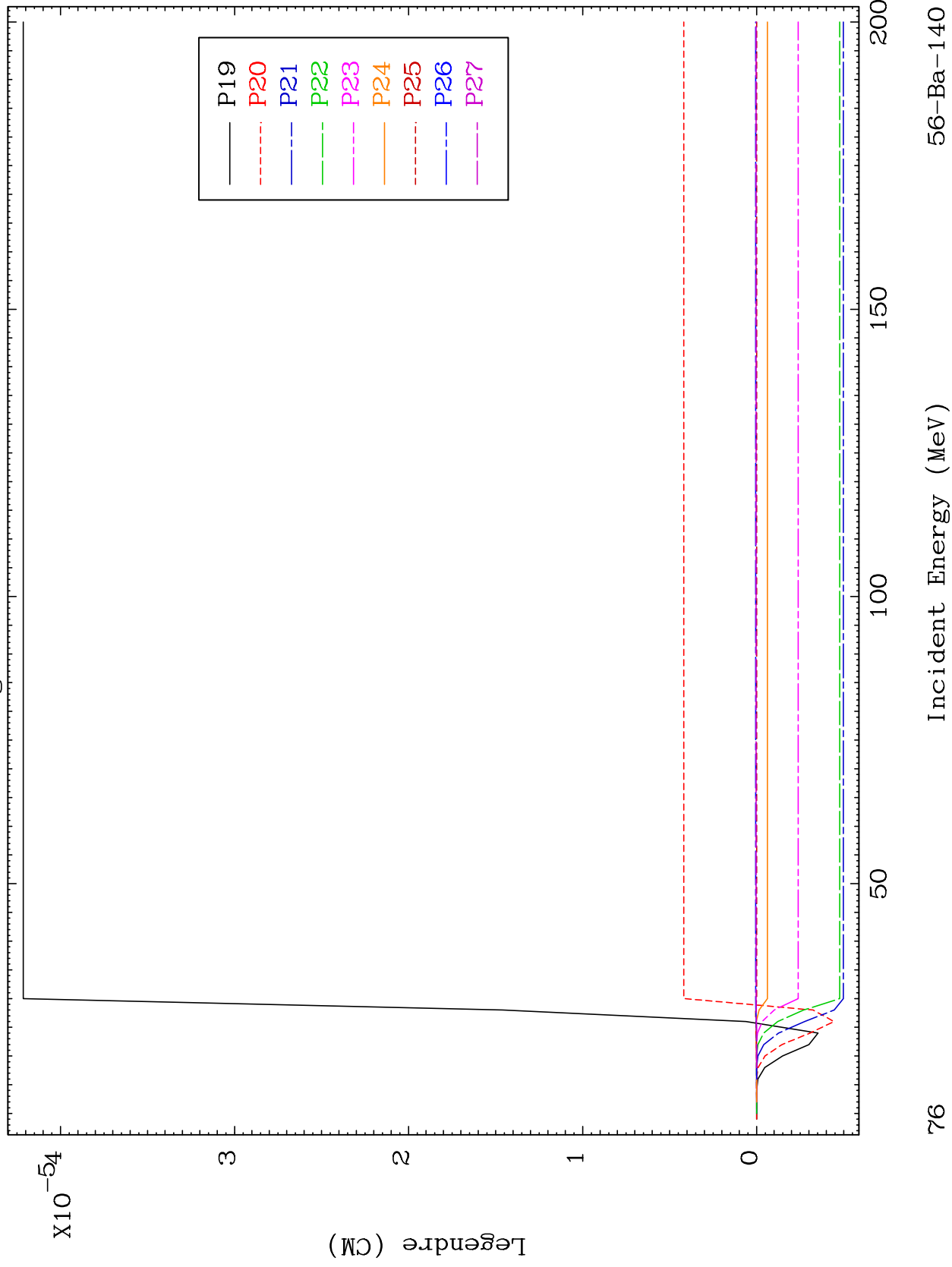
56-Ba-140



MAT 5655

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

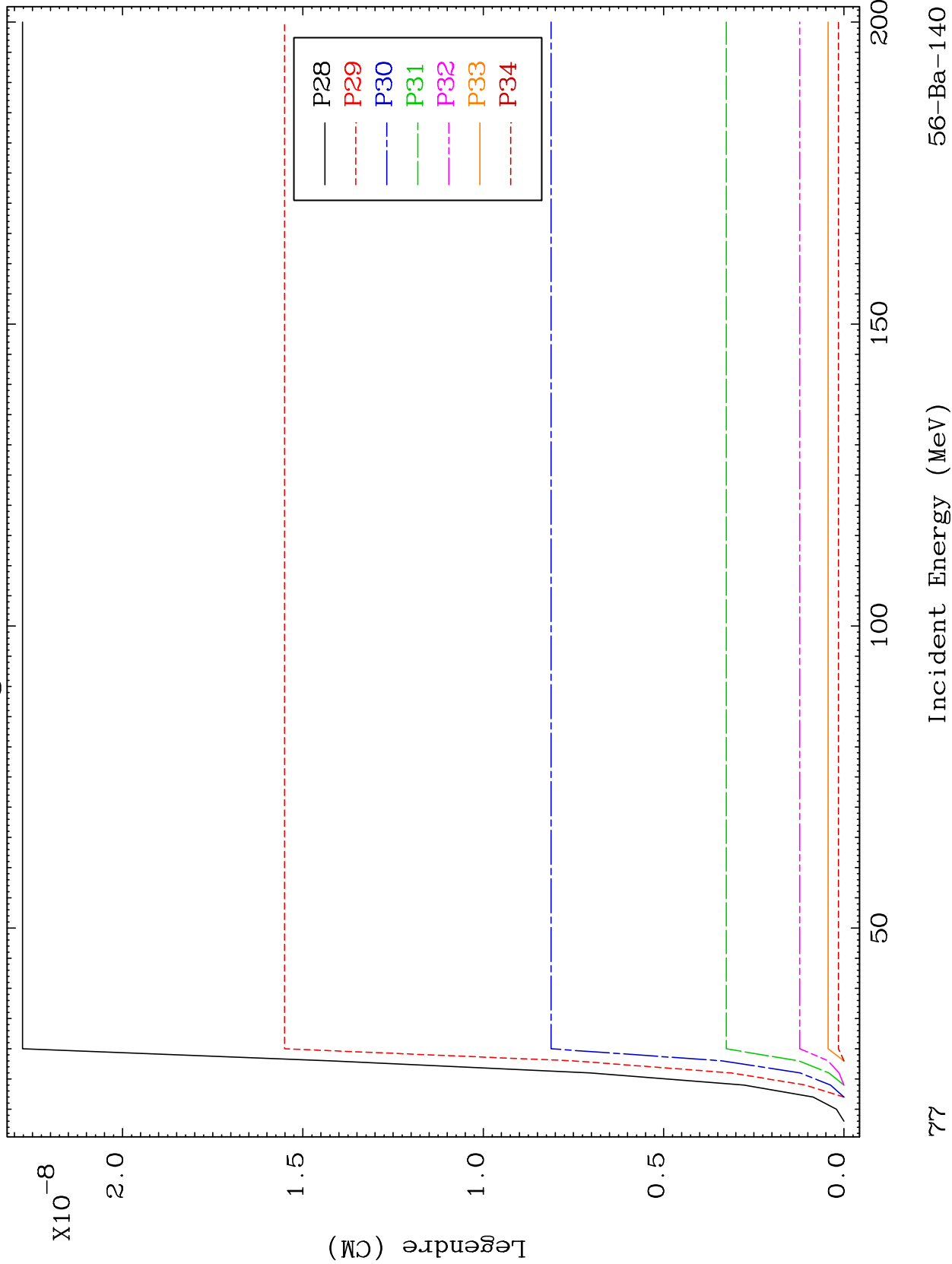
56-Ba-140

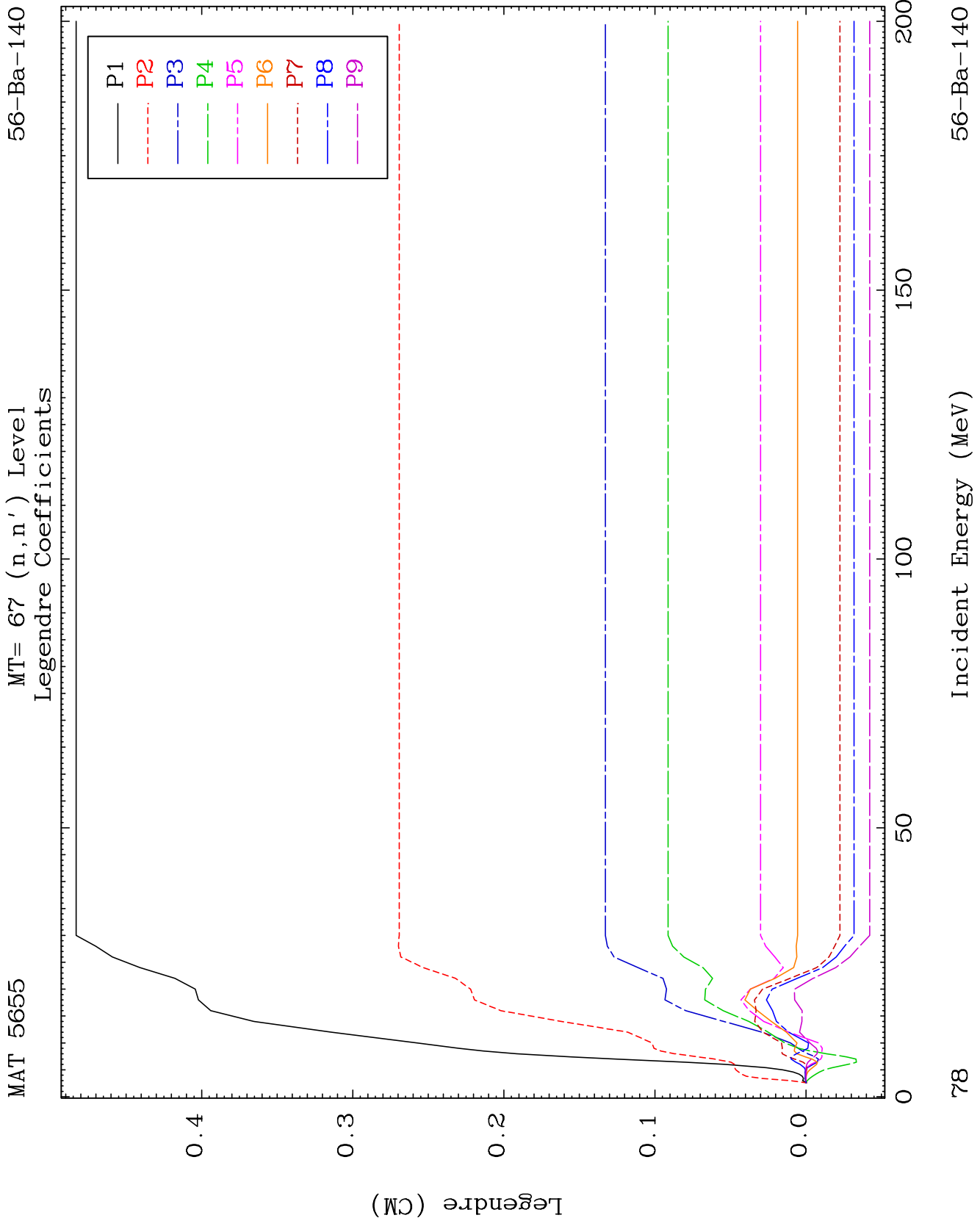


MAT 5655

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

56-Ba-140

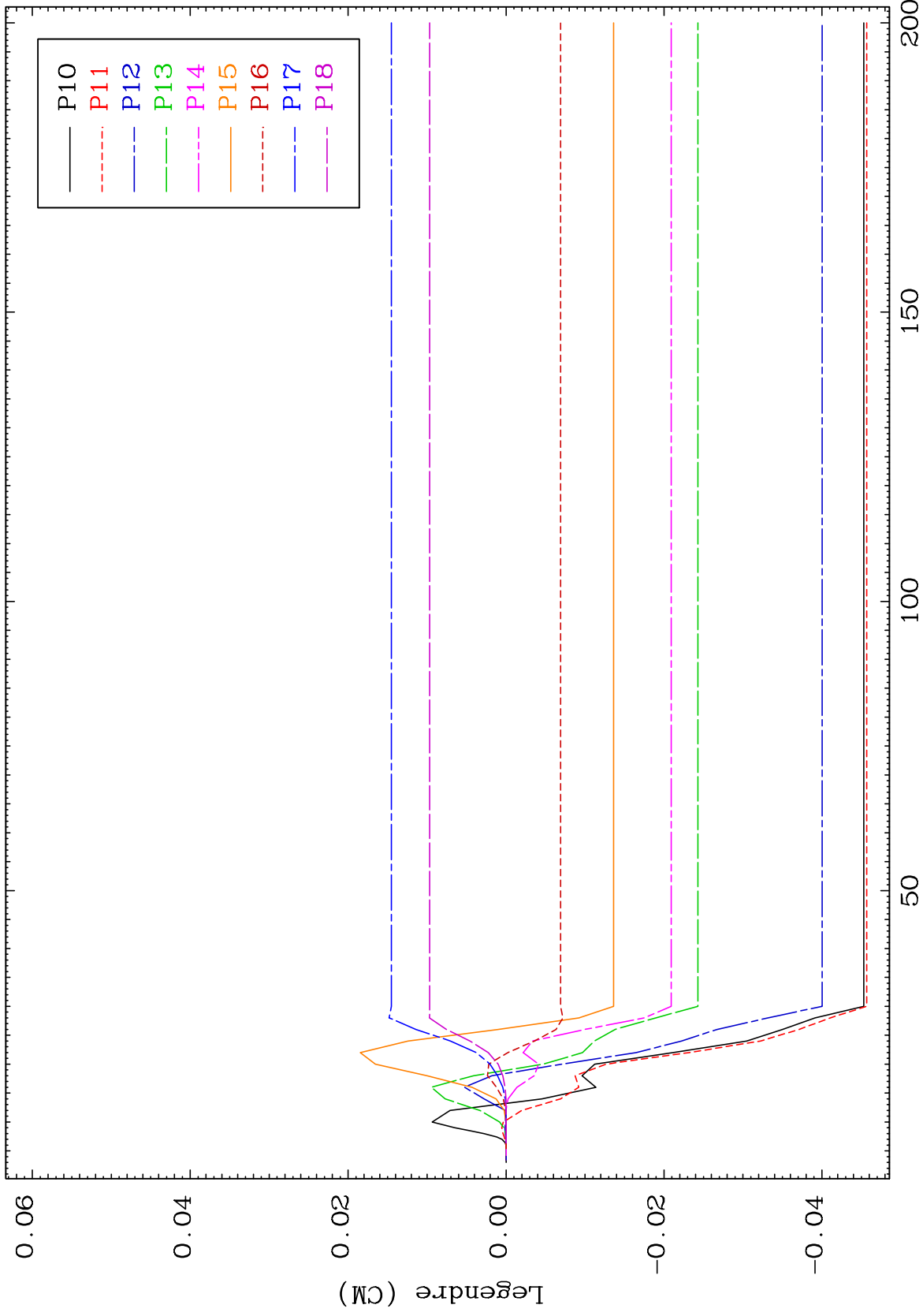




MAT 5655

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

56-Ba-140



79

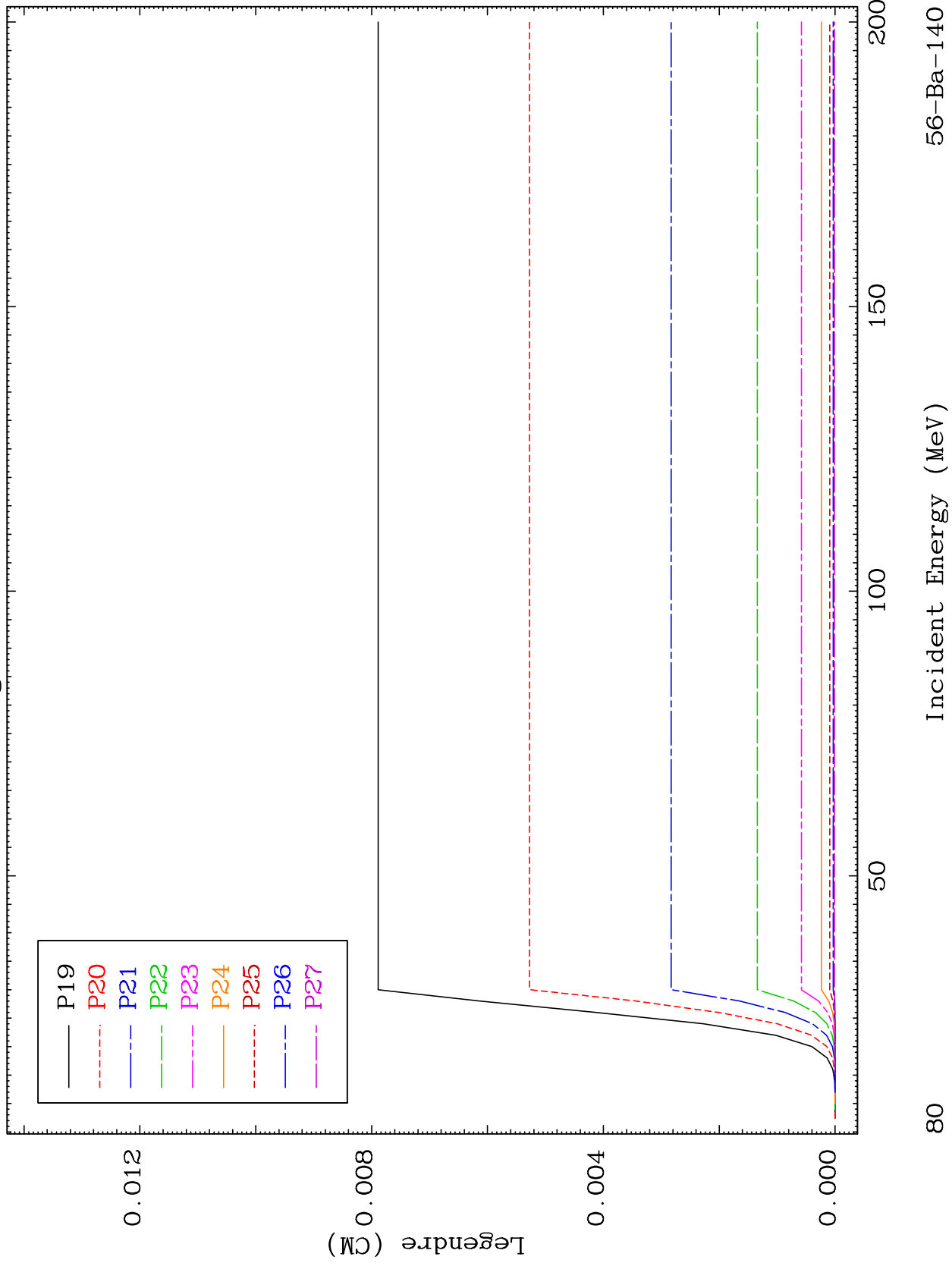
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



56-Ba-140

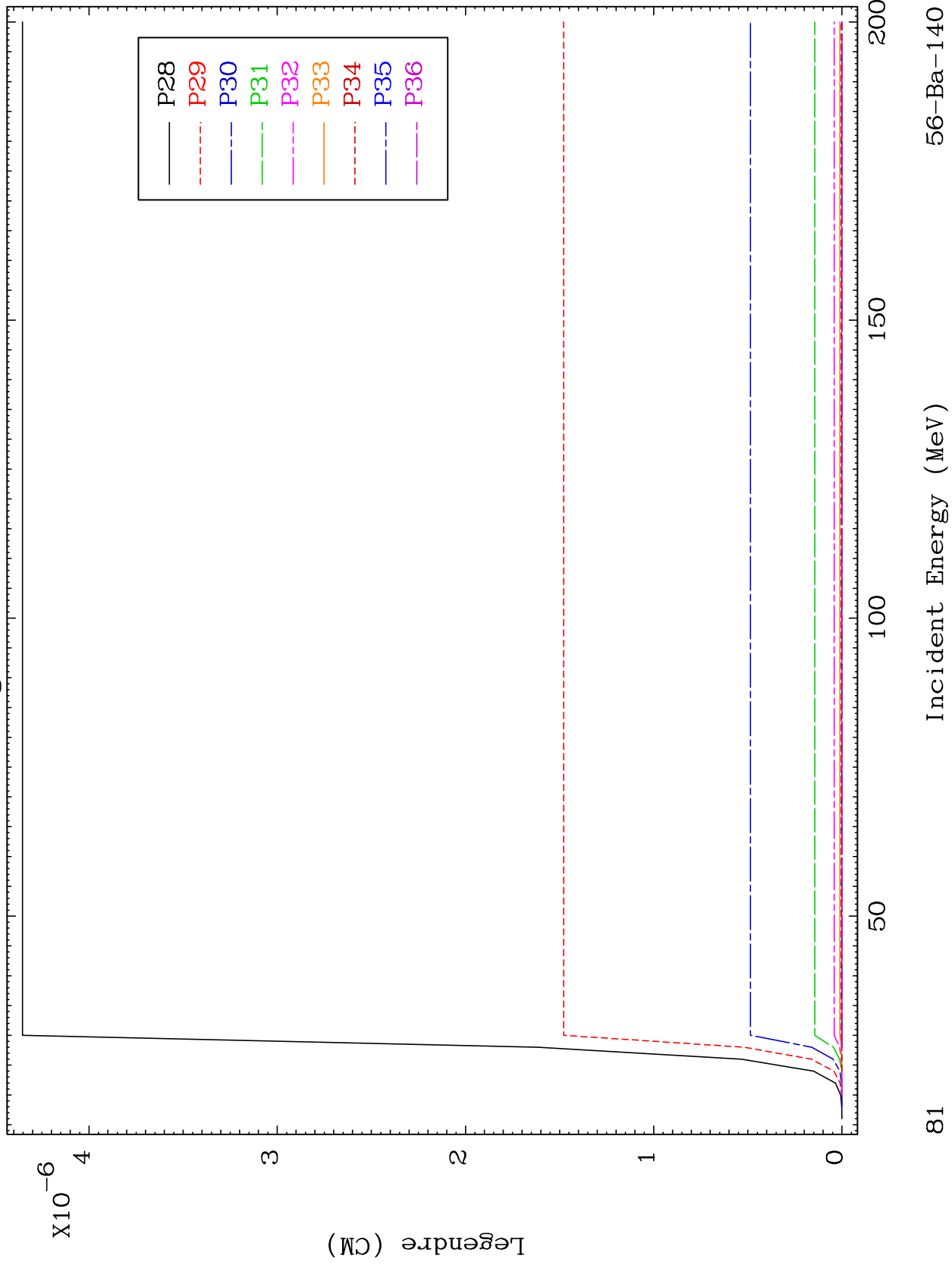
Incident Energy (MeV)

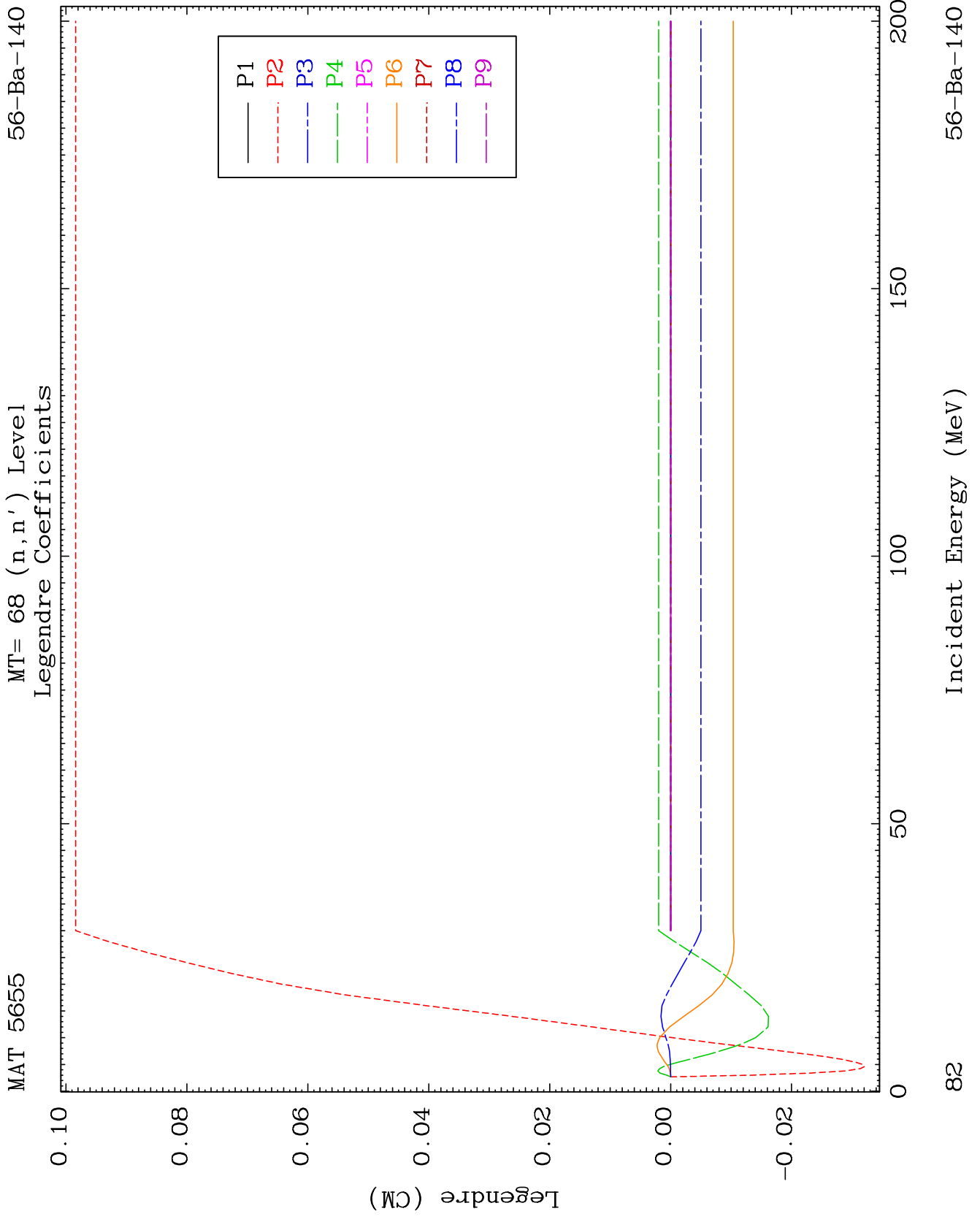
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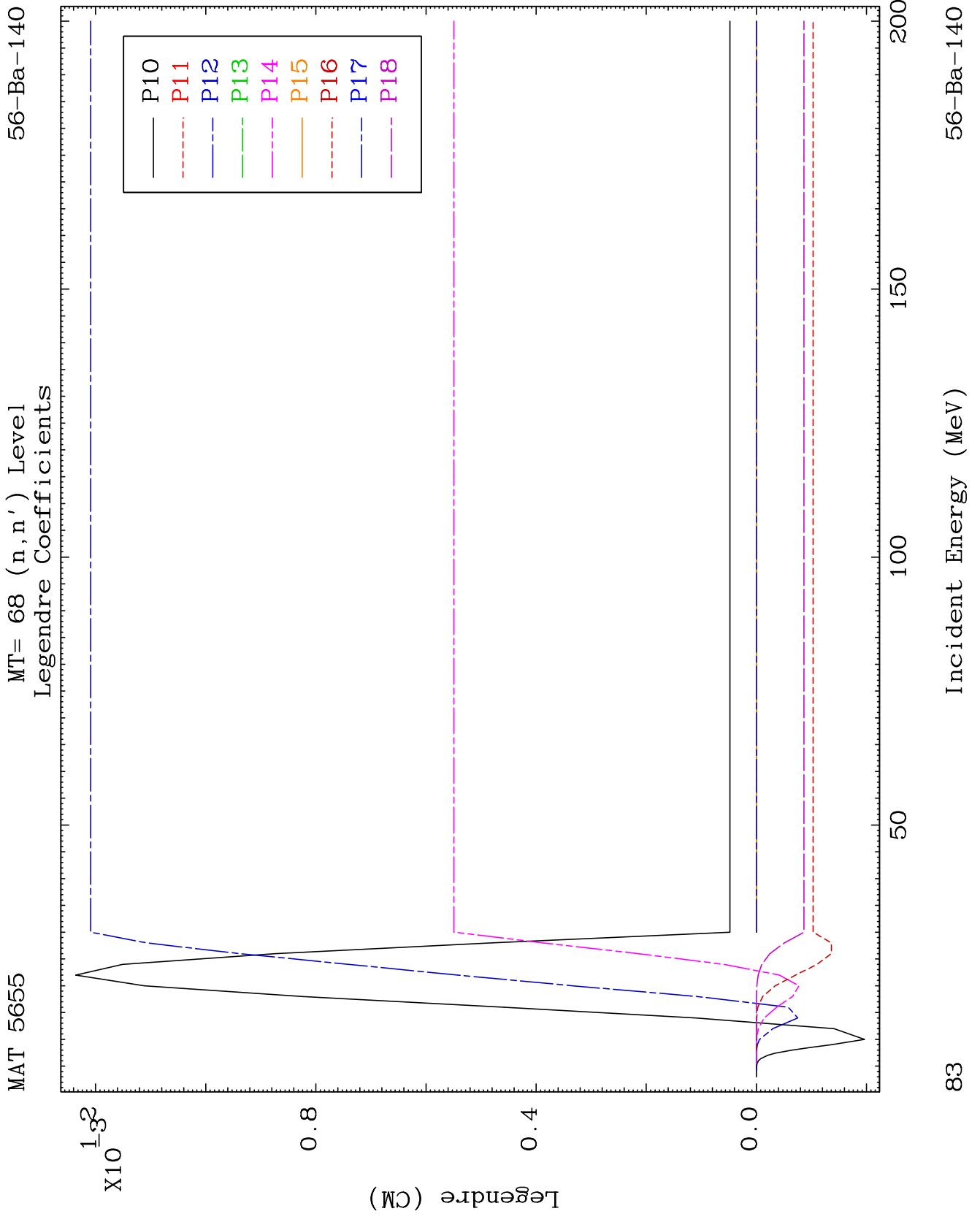
MAT 5655

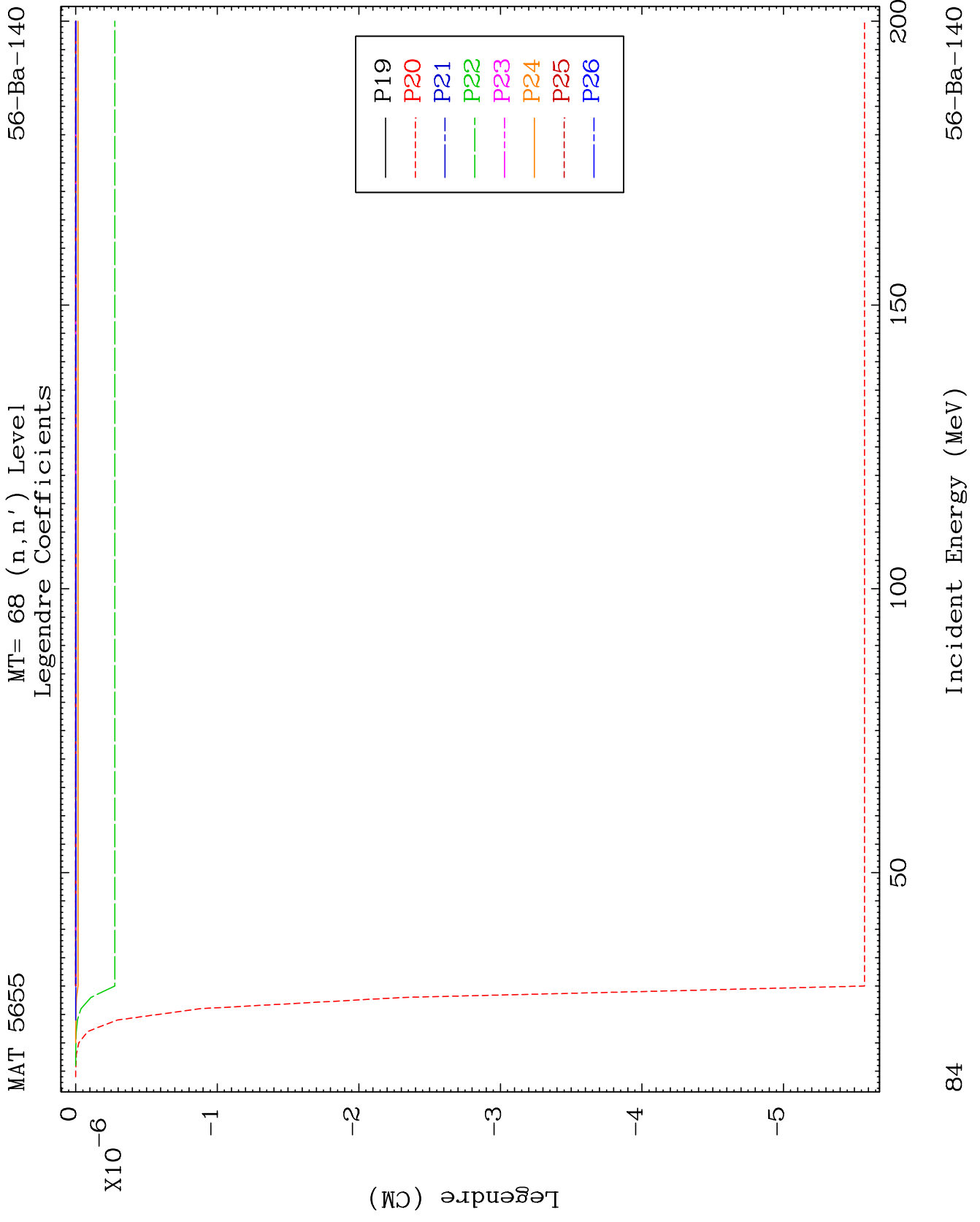
MT= 67 (n,n') Level
Legendre Coefficients

56-Ba-140





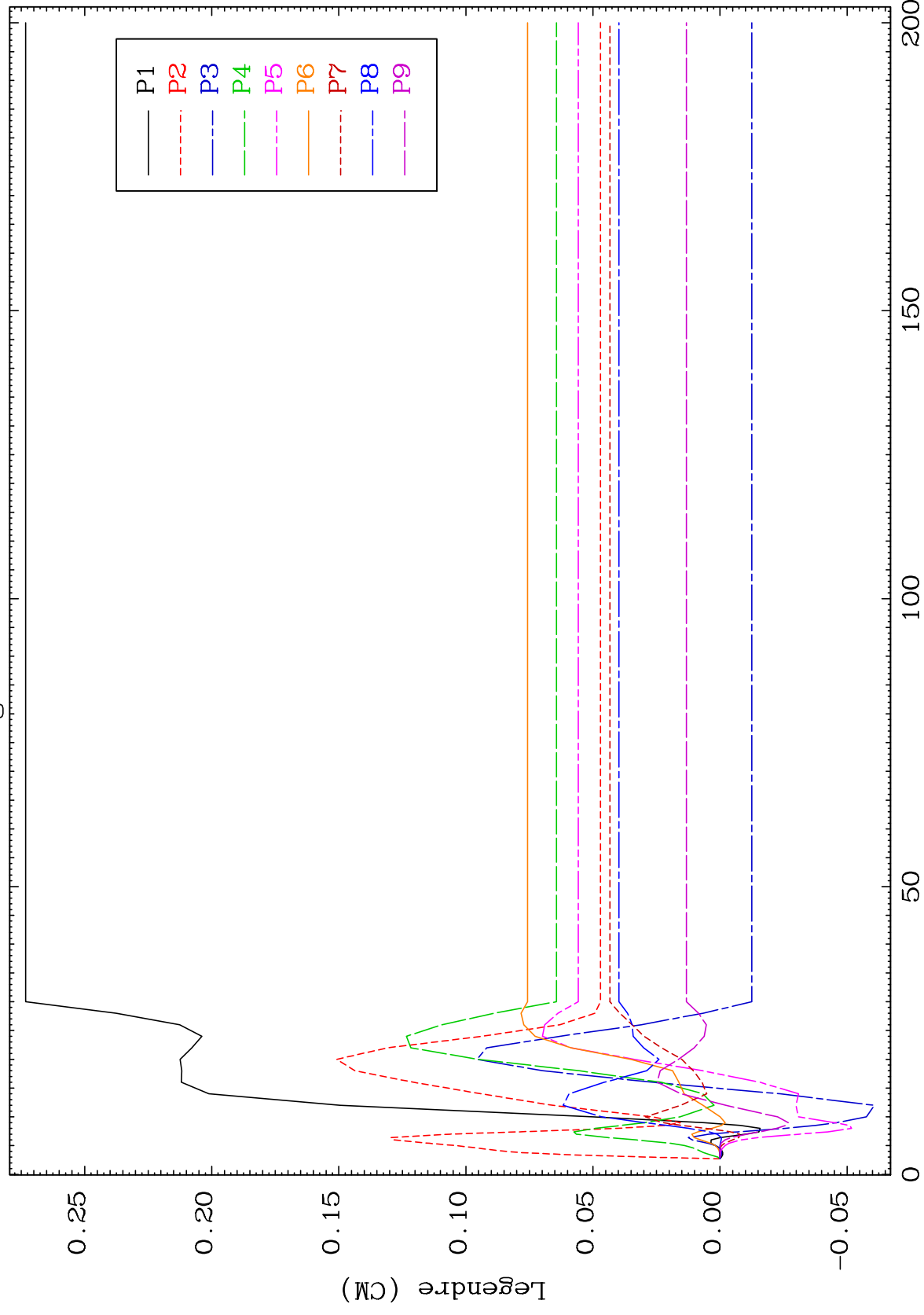




MAT 5655

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

56-Ba-140



56-Ba-140

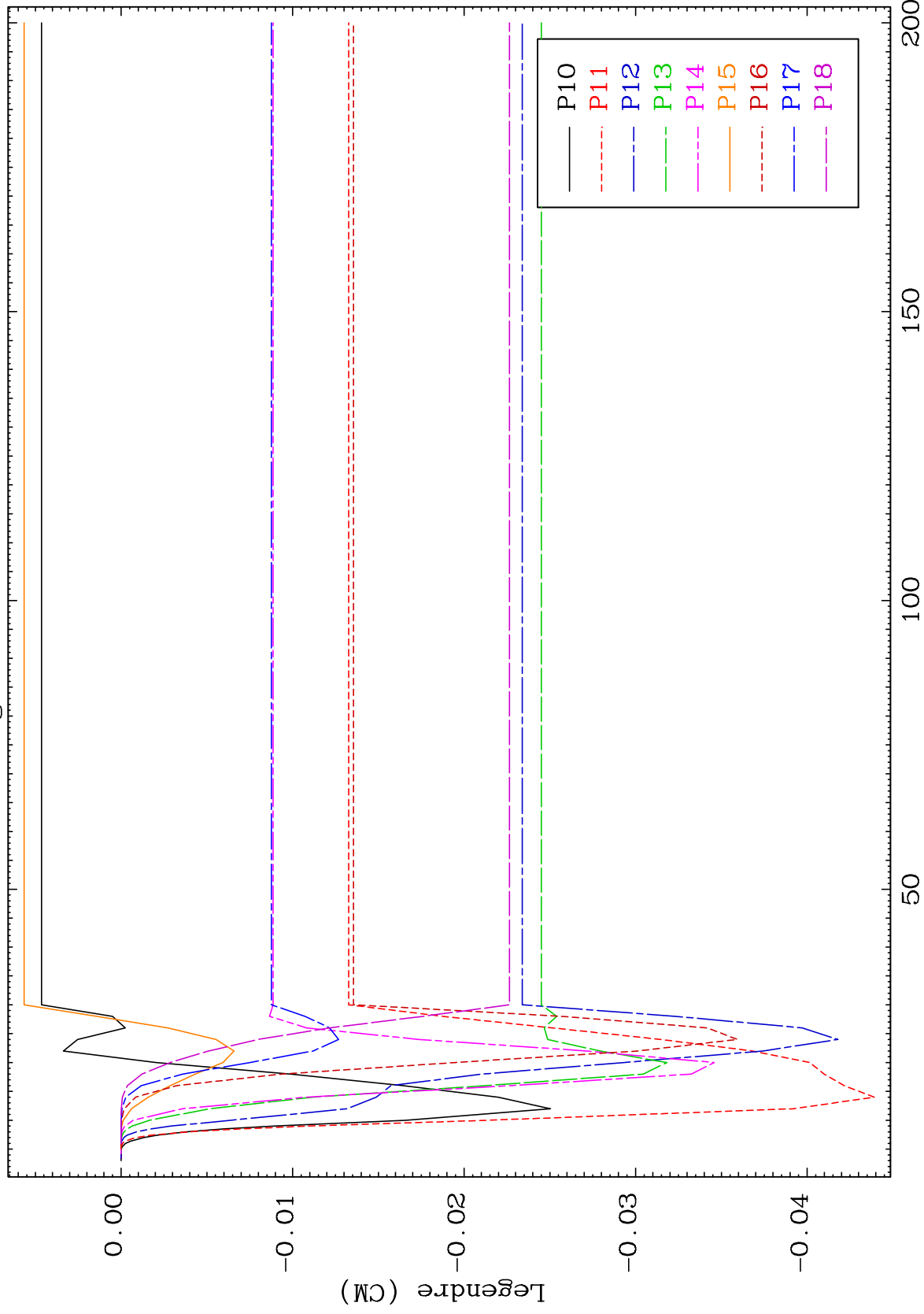
Incident Energy (MeV)

85

MAT 5655

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

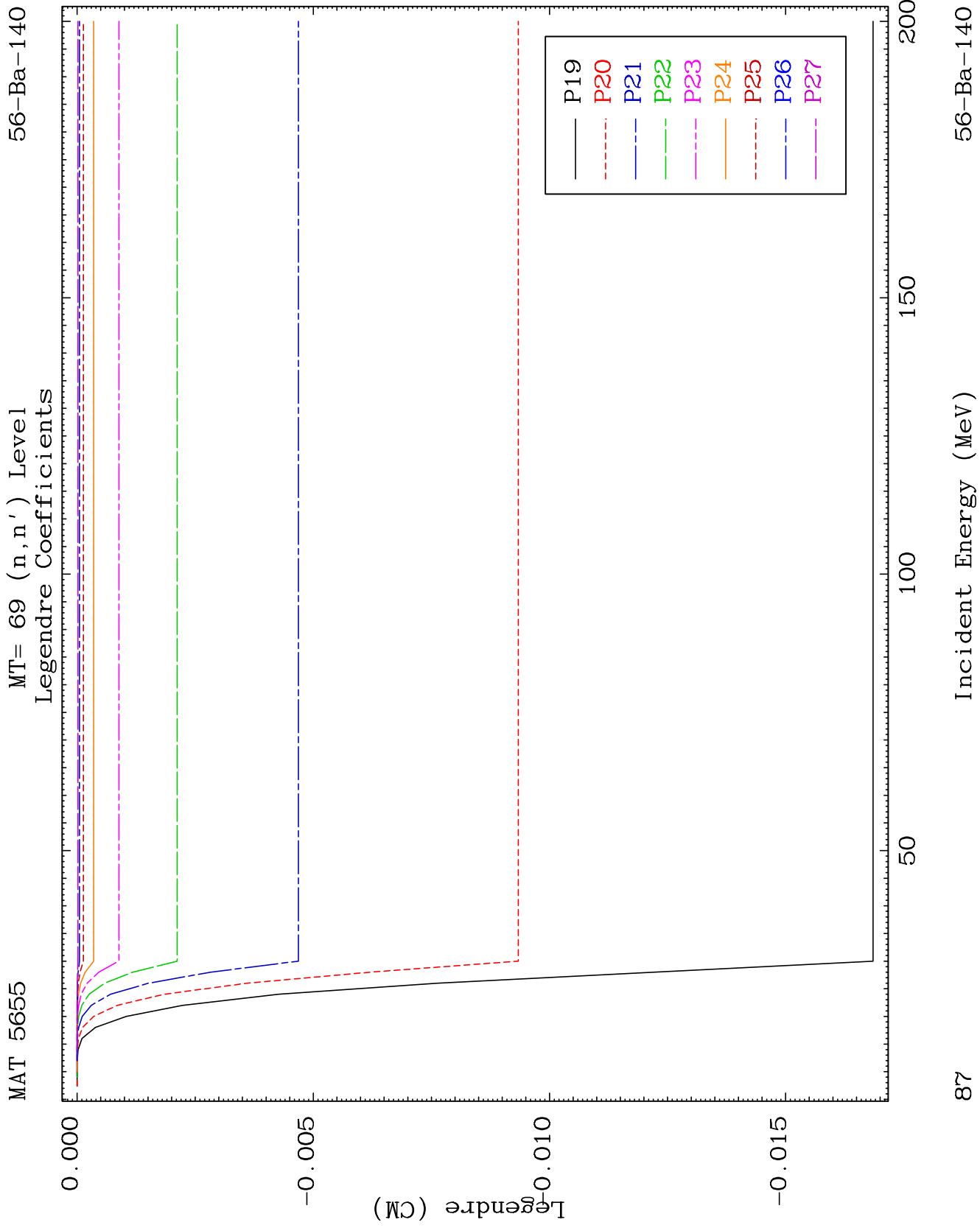
56-Ba-140

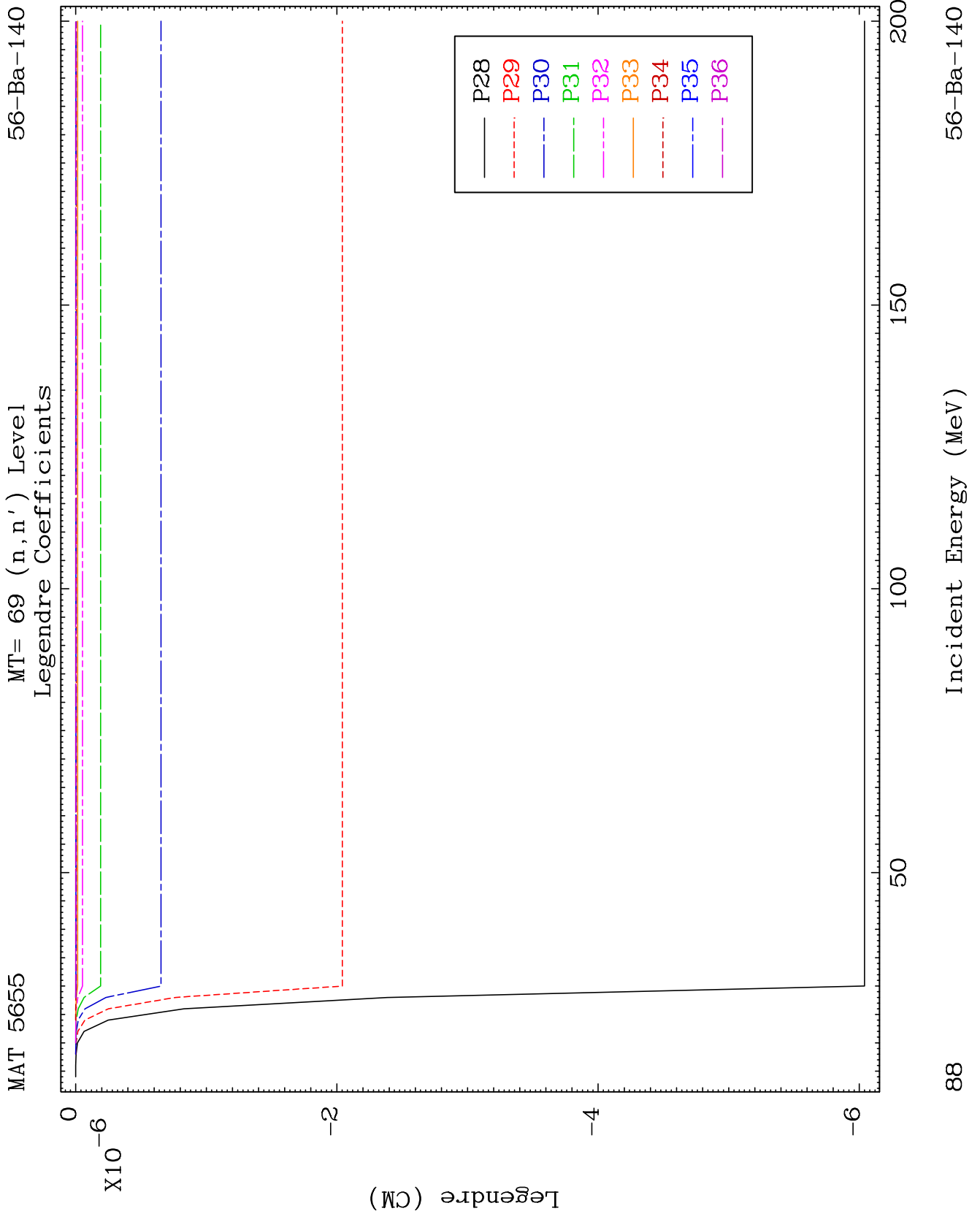


86

Incident Energy (MeV)

56-Ba-140

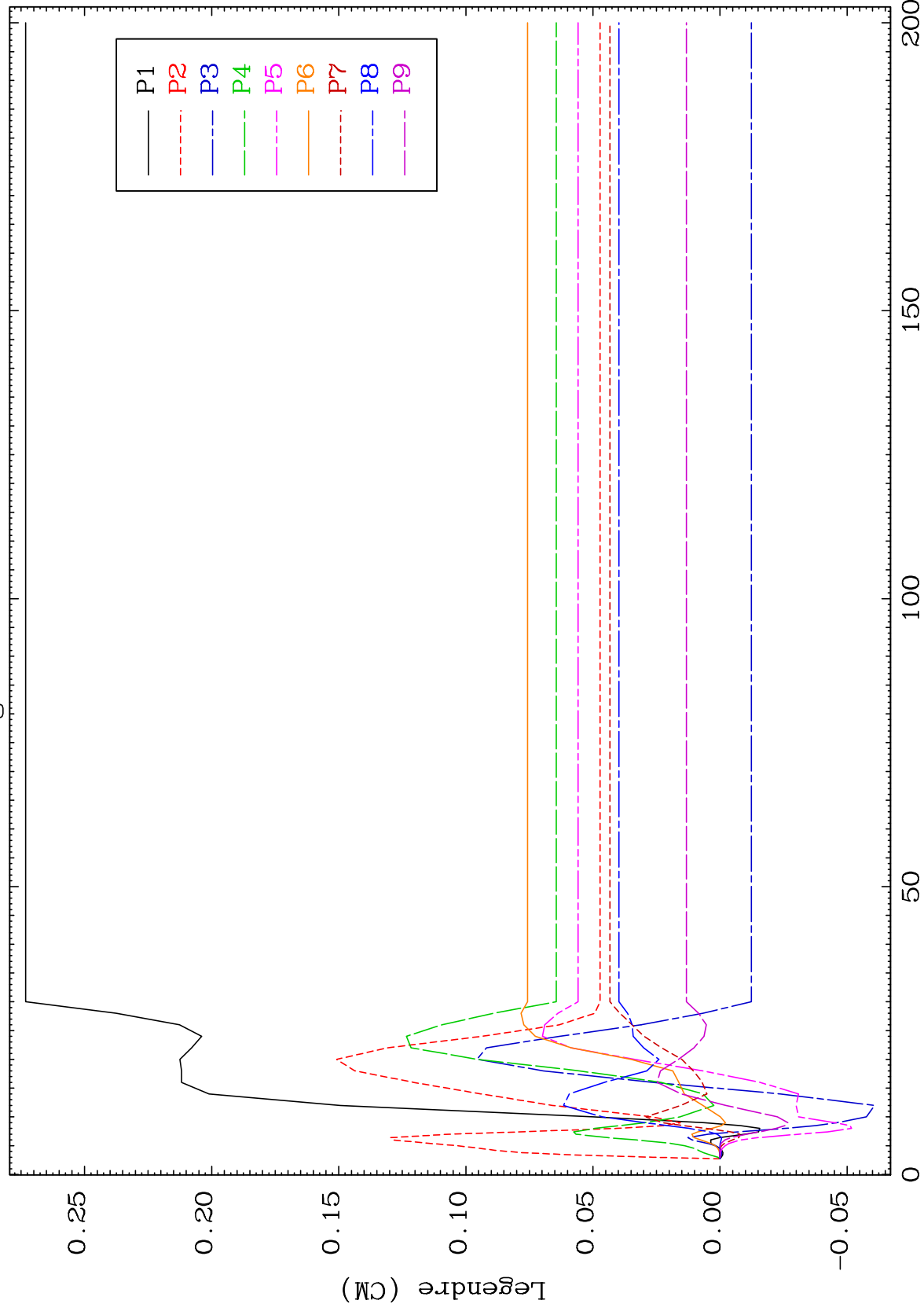




MAT 5655

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

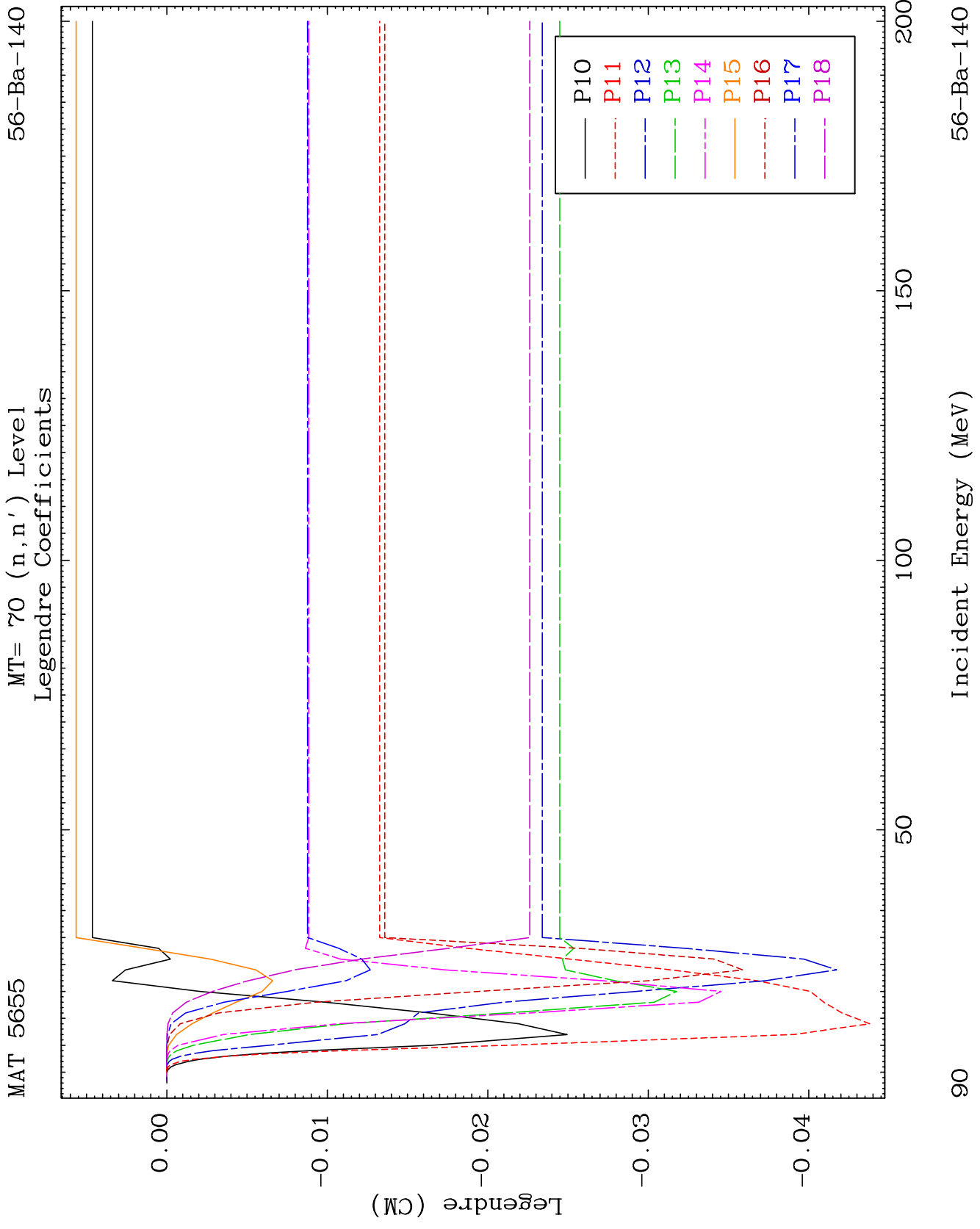
56-Ba-140

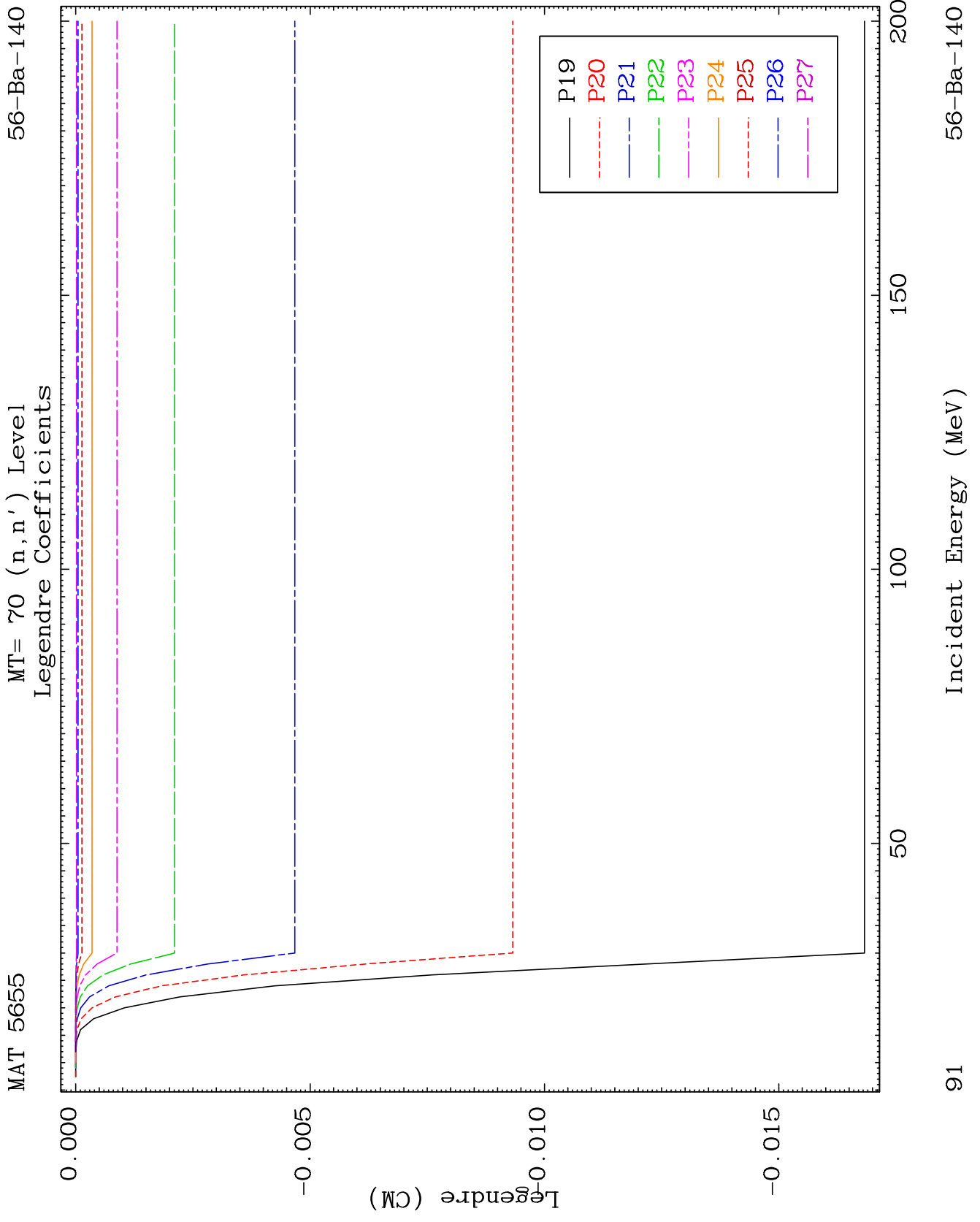


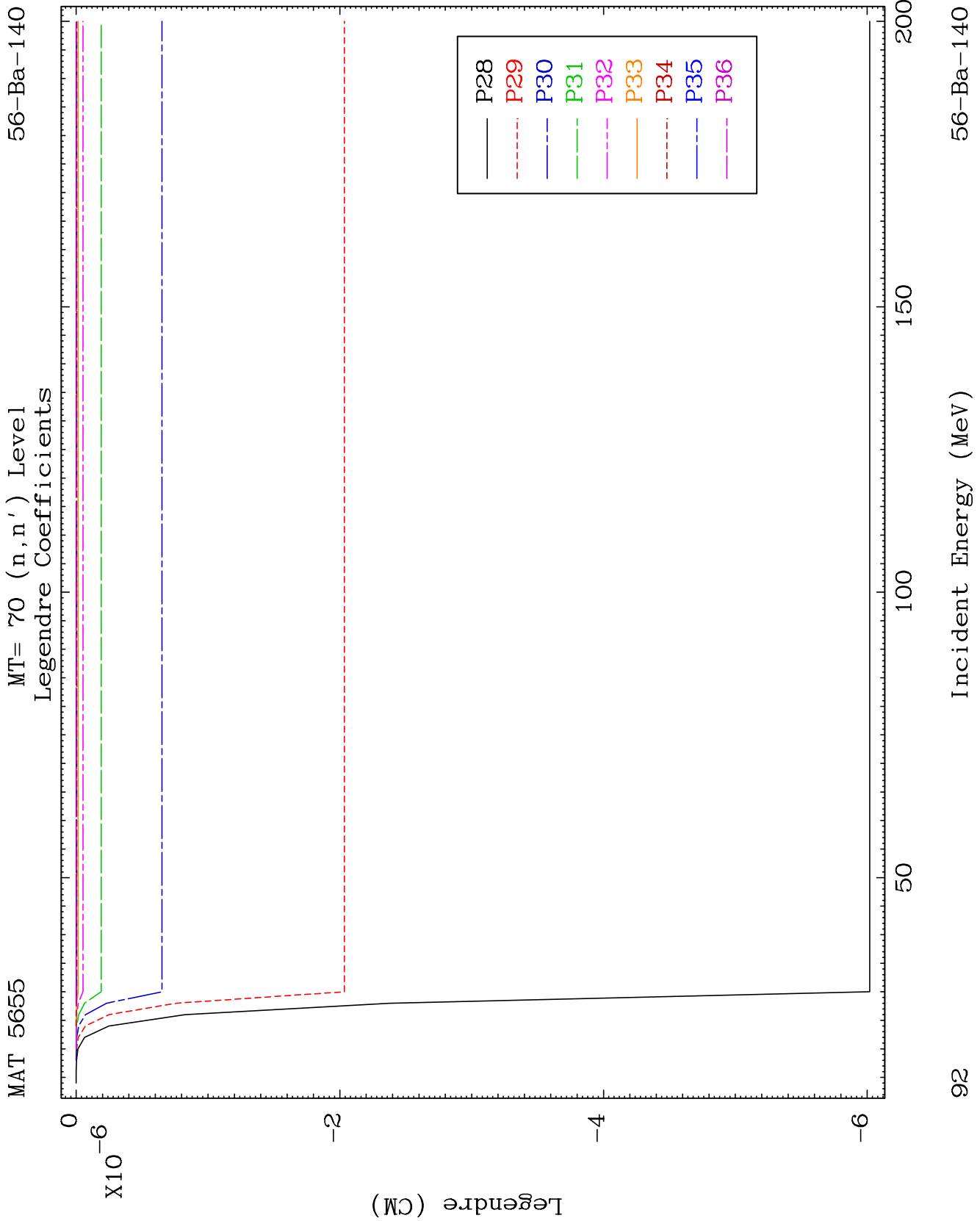
89

Incident Energy (MeV)

56-Ba-140



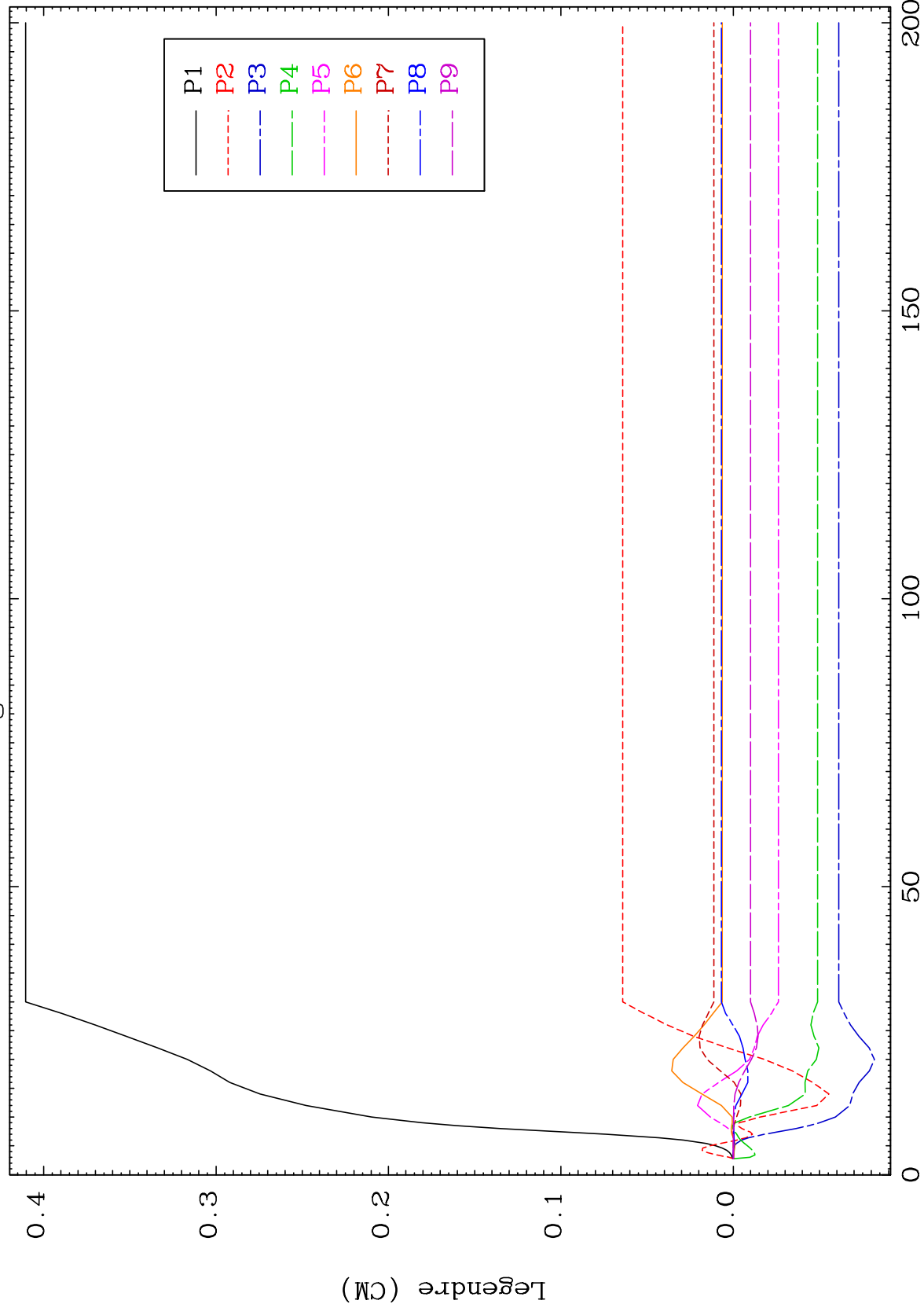




MAT 5655

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

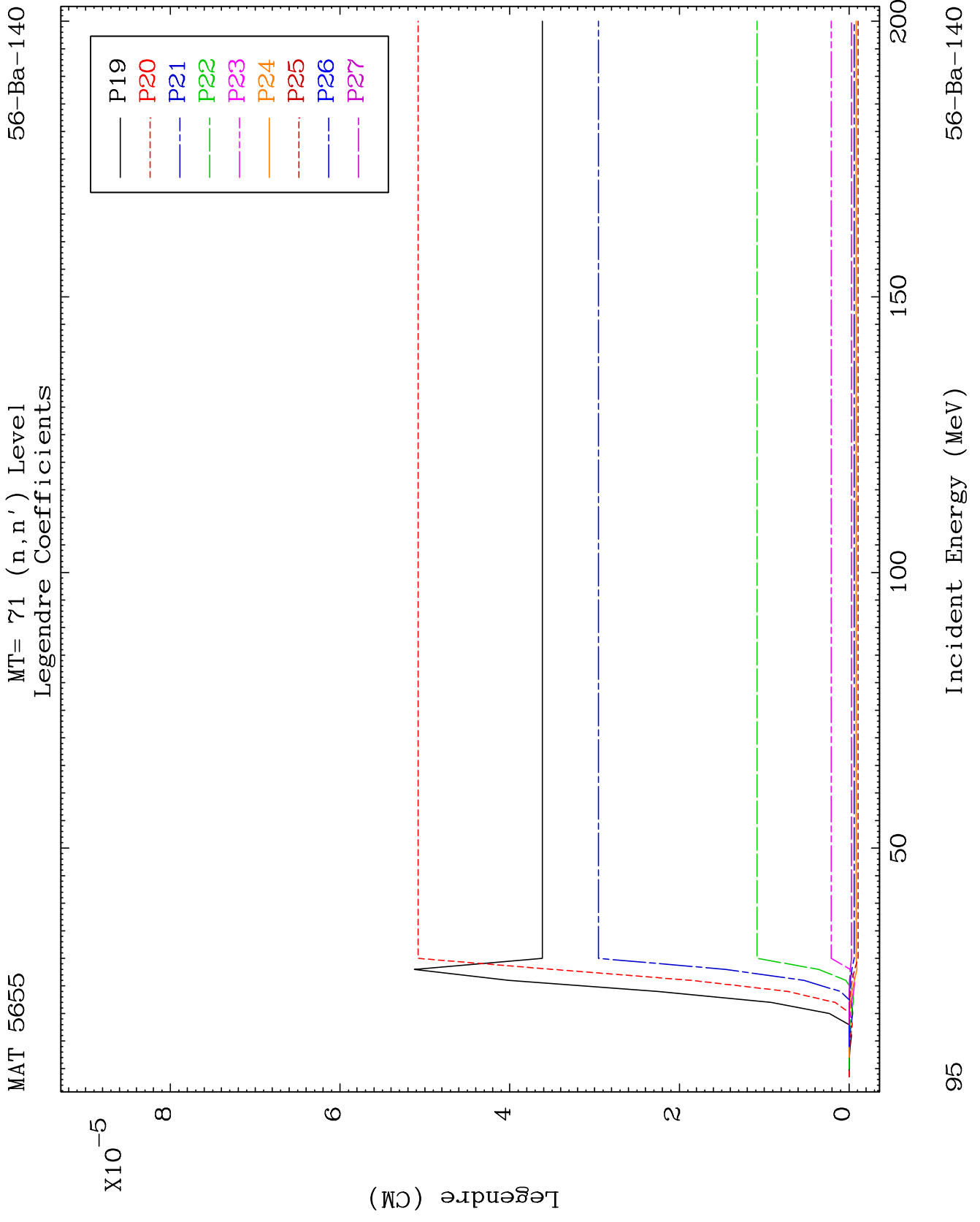
56-Ba-140

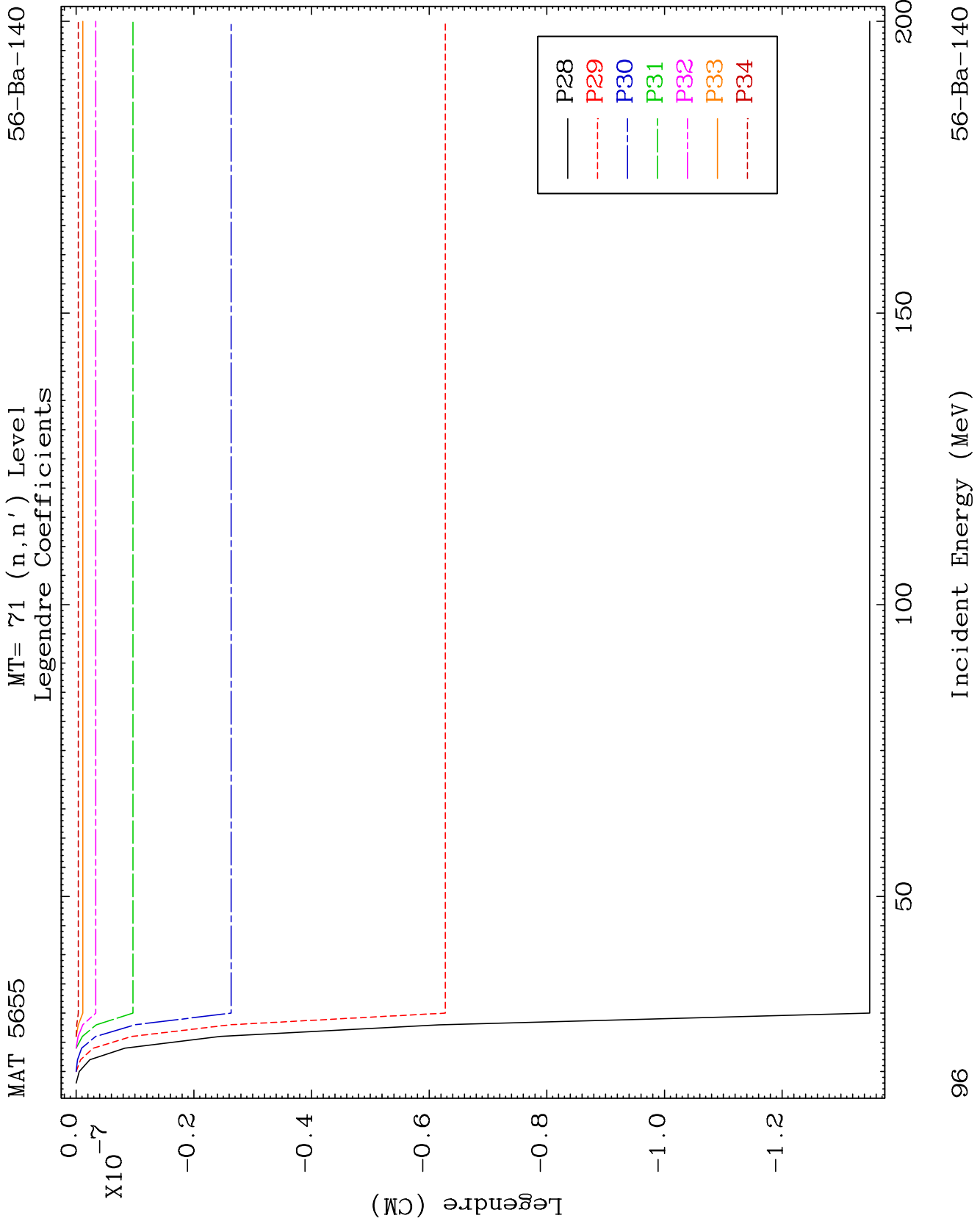


93

Incident Energy (MeV)

56-Ba-140

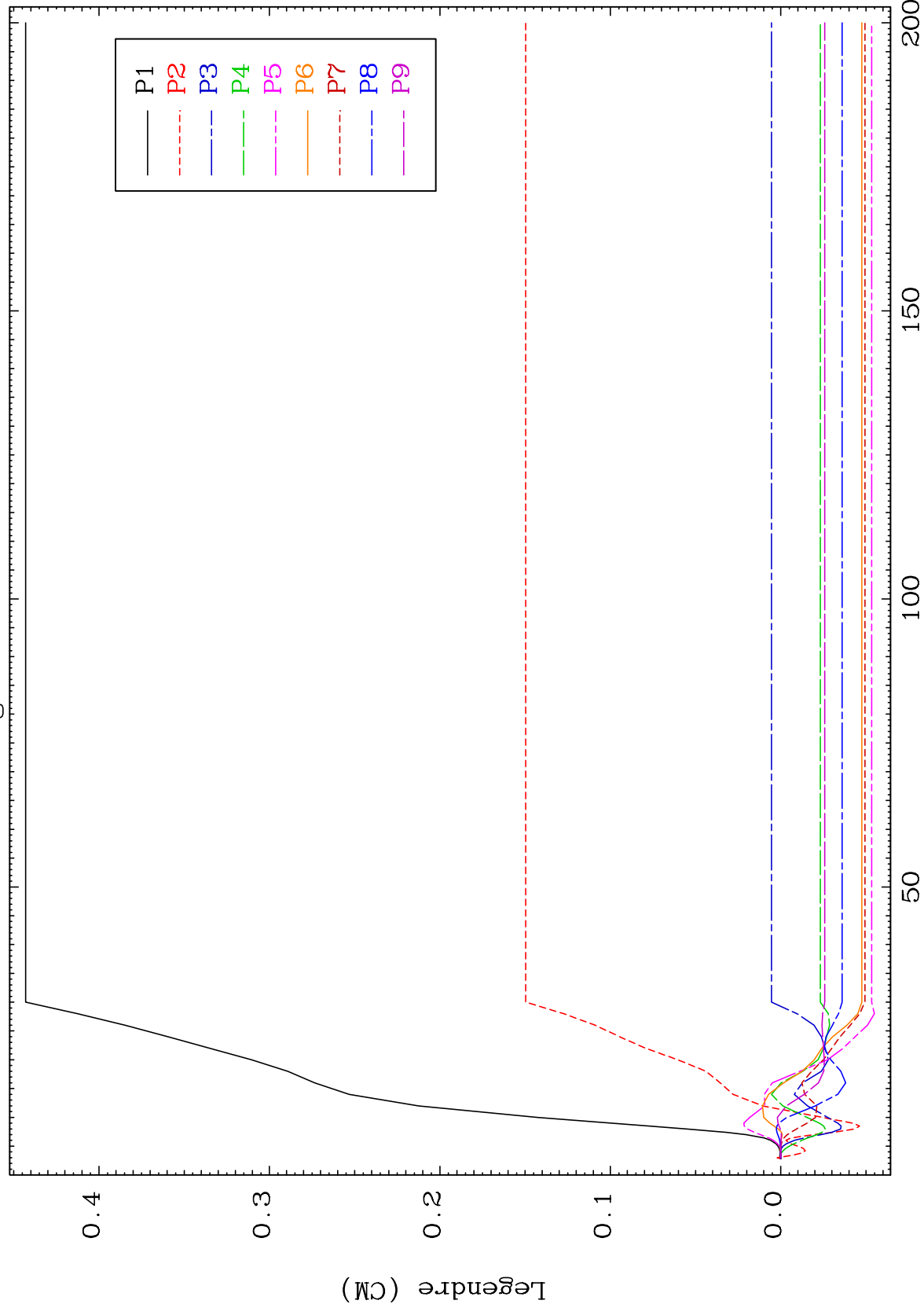




MAT 5655

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

56-Ba-140



97

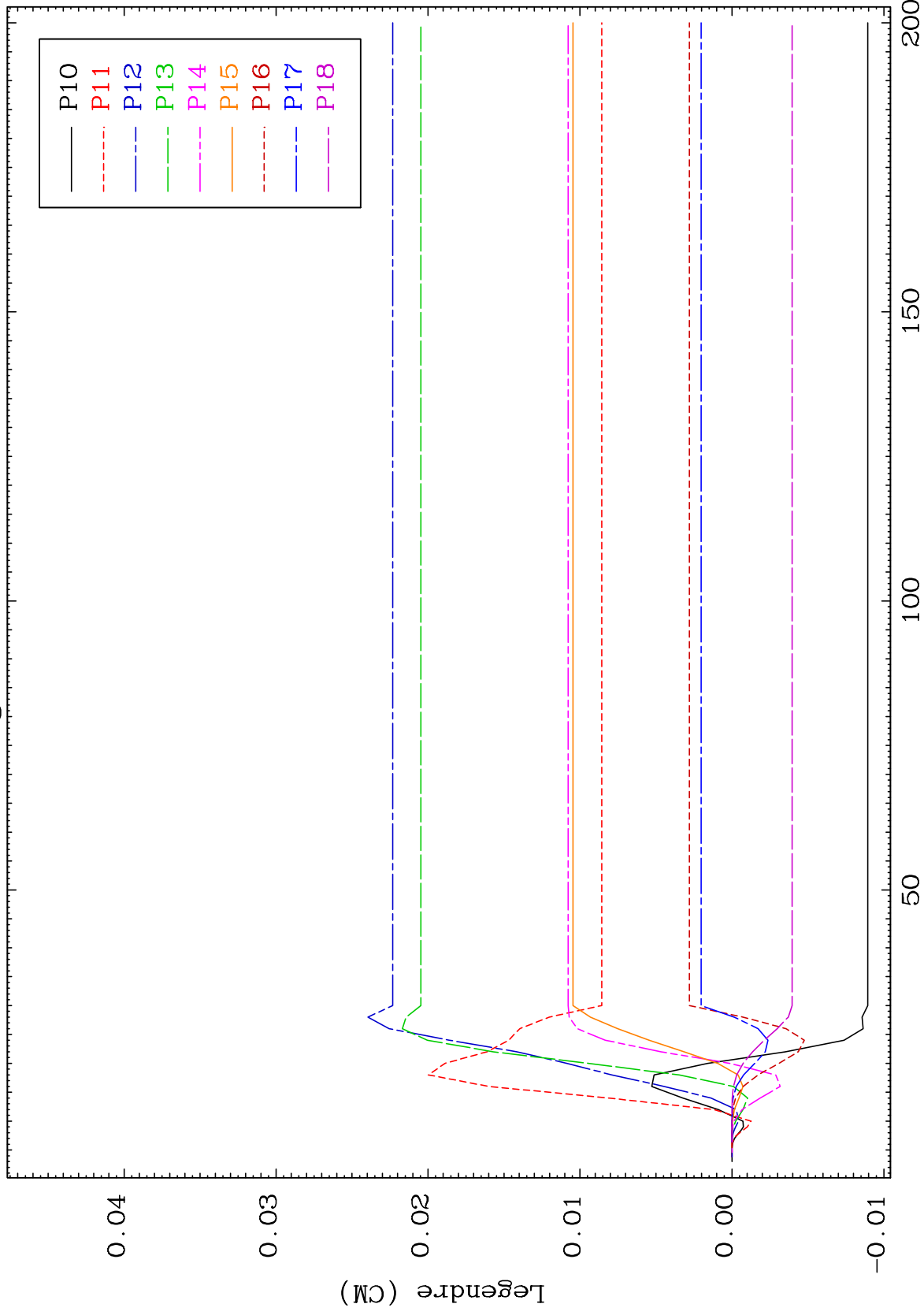
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



98

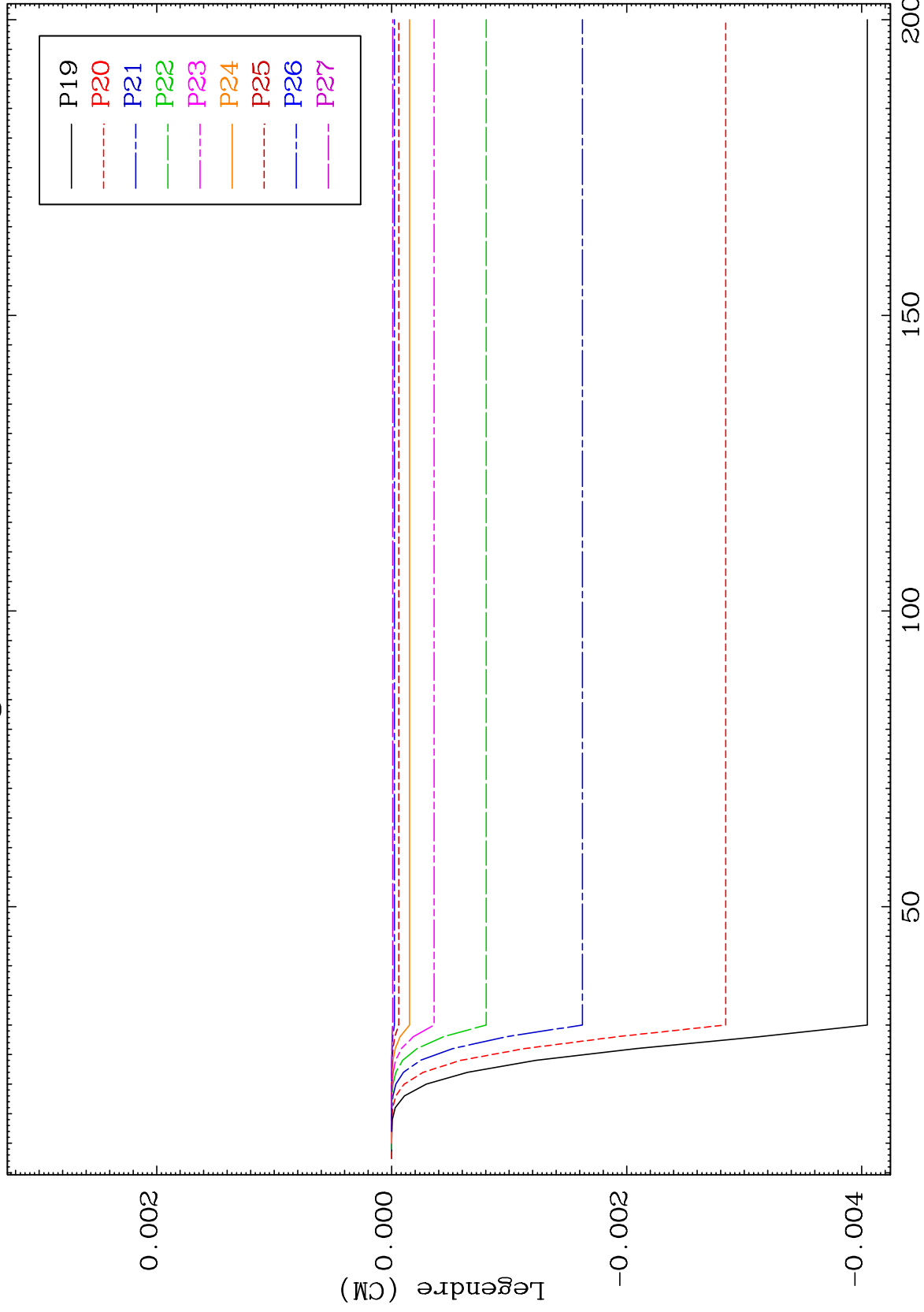
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

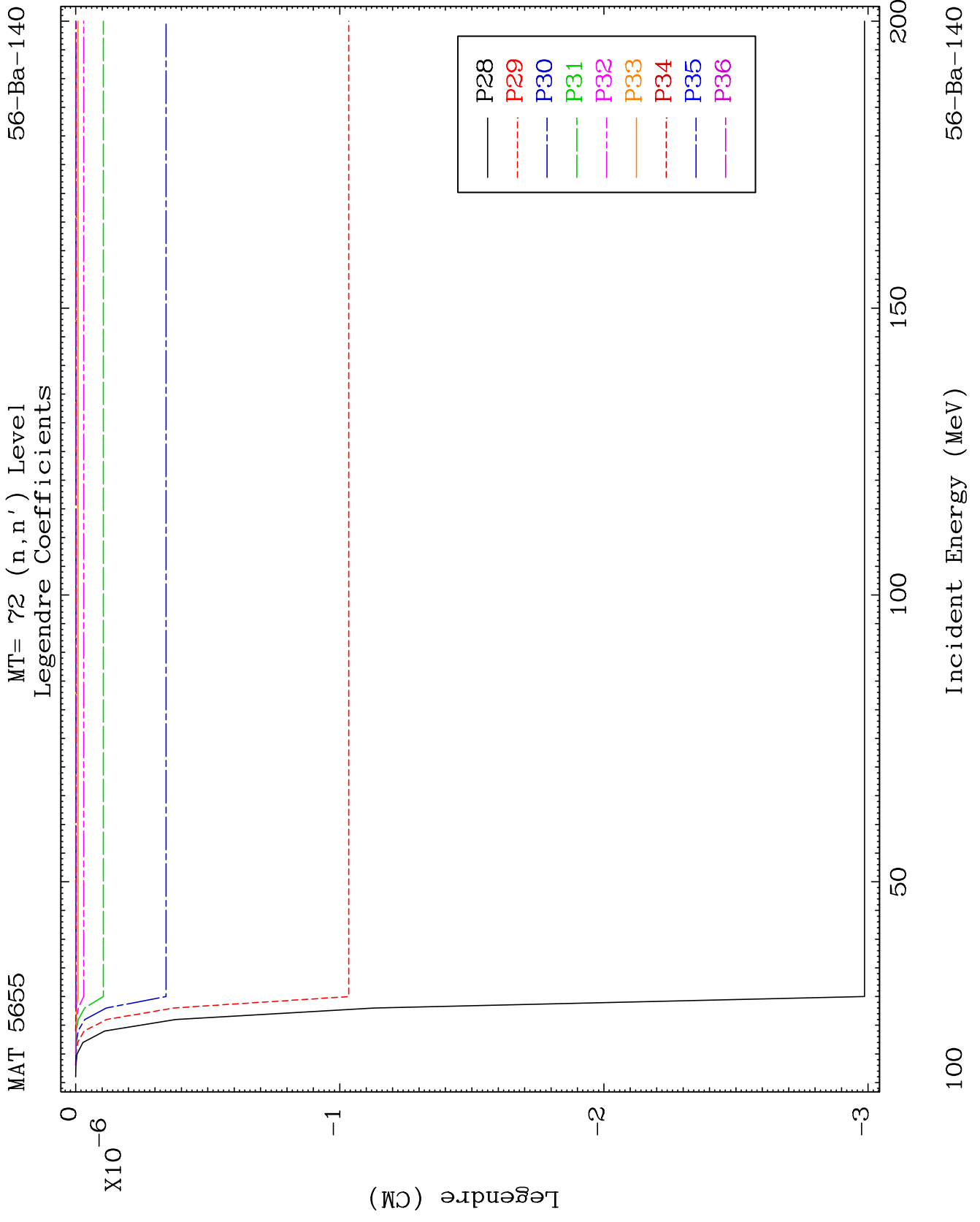
56-Ba-140

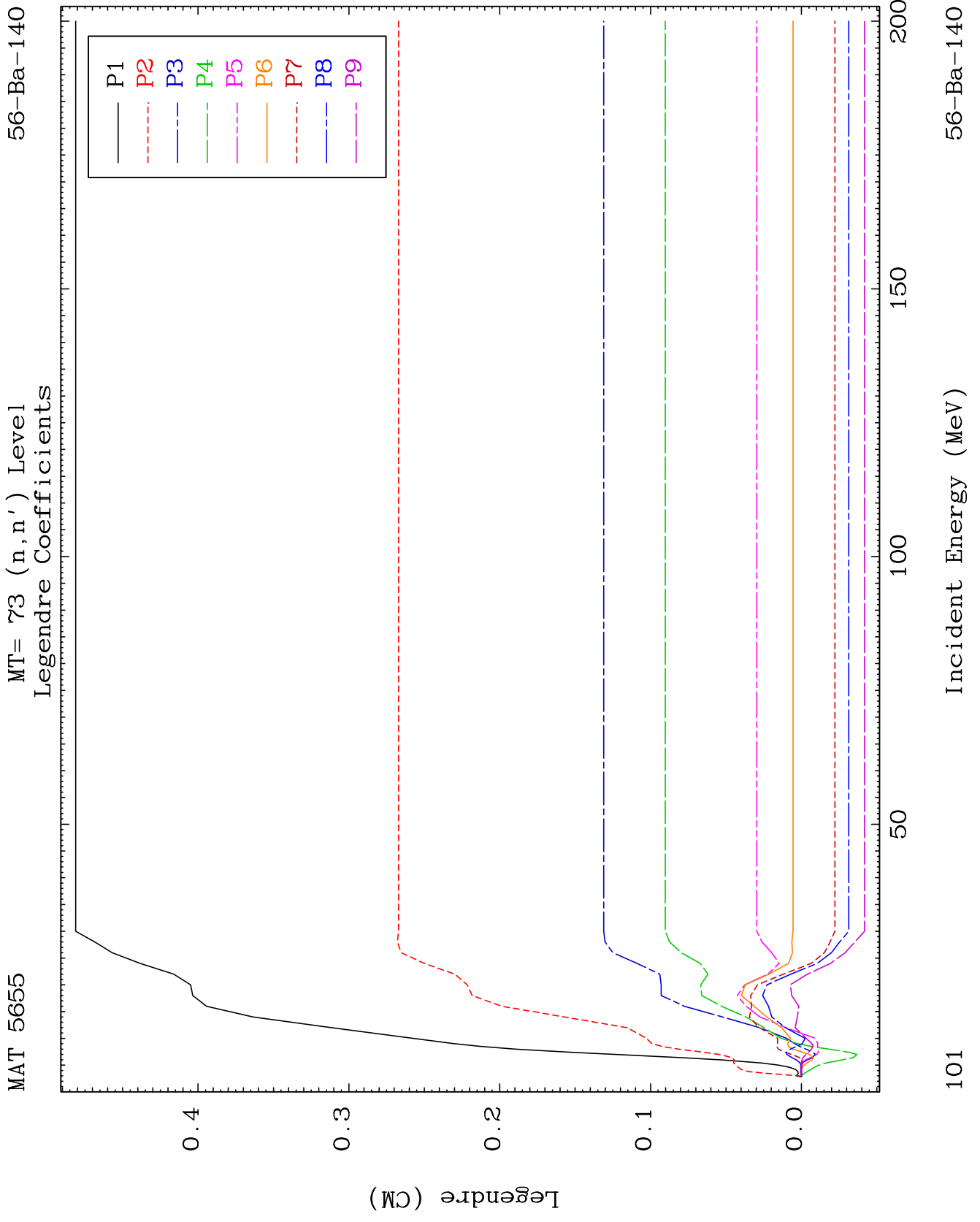


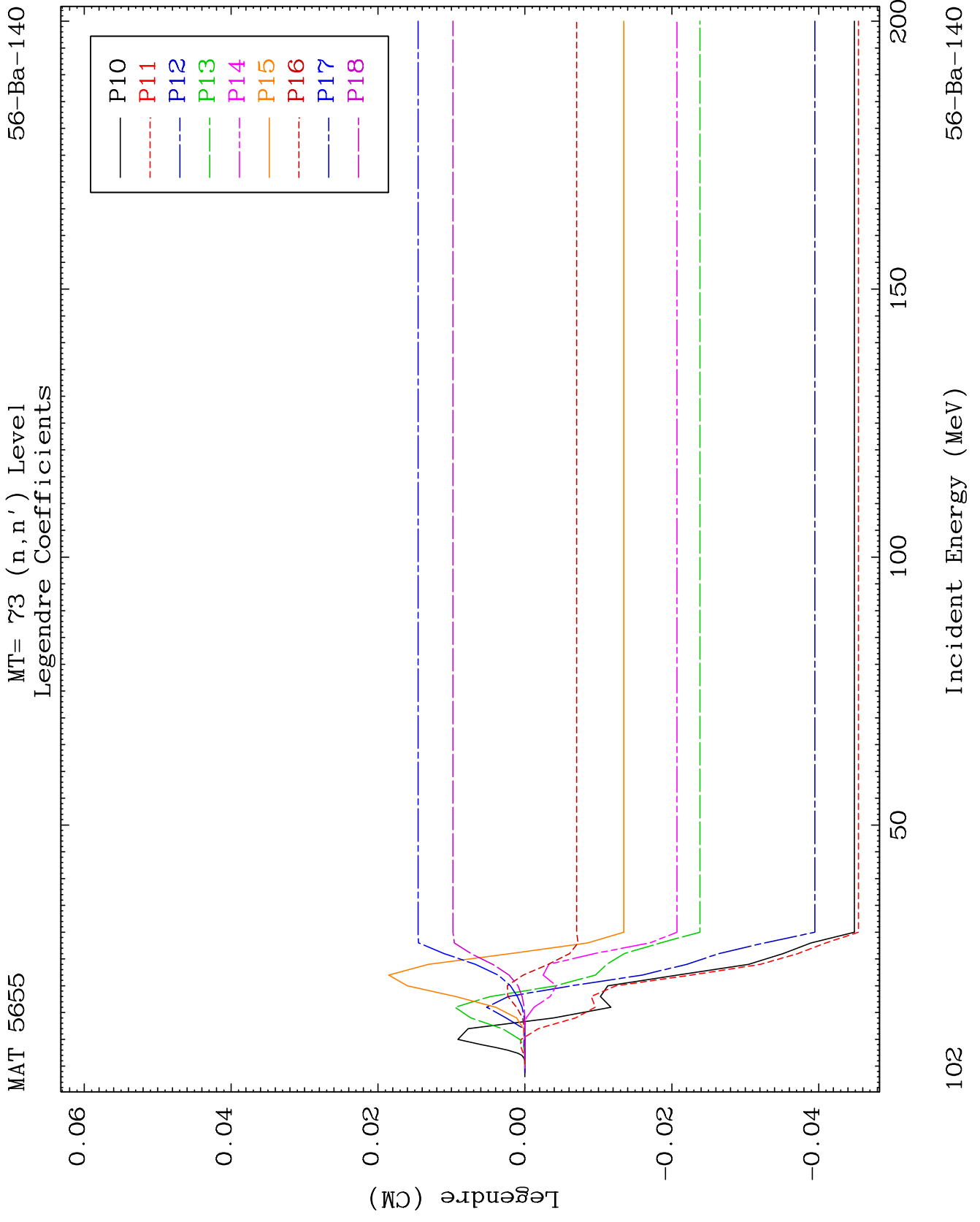
99

Incident Energy (MeV)

56-Ba-140



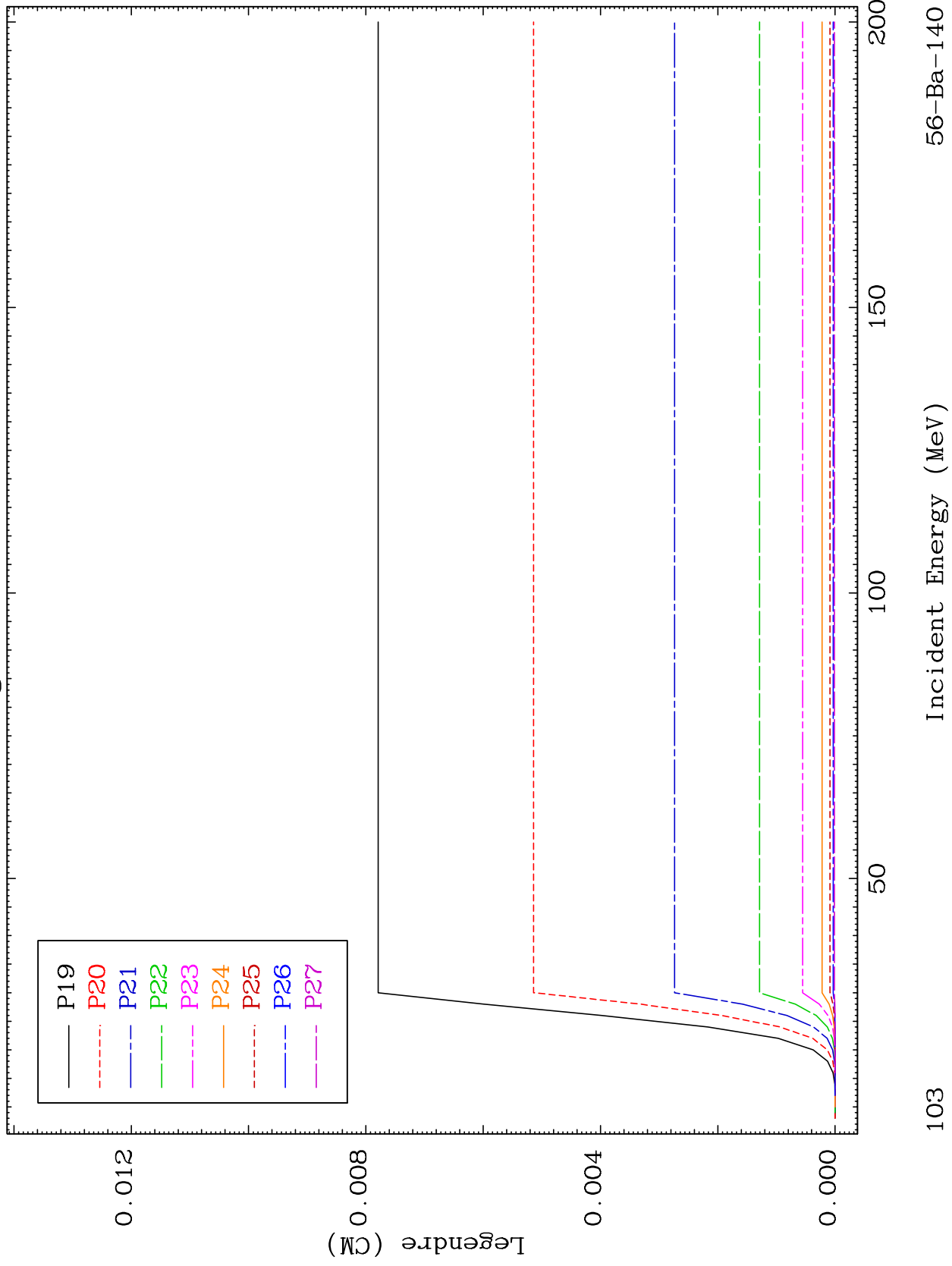




MAT 5655

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

56-Ba-140



103

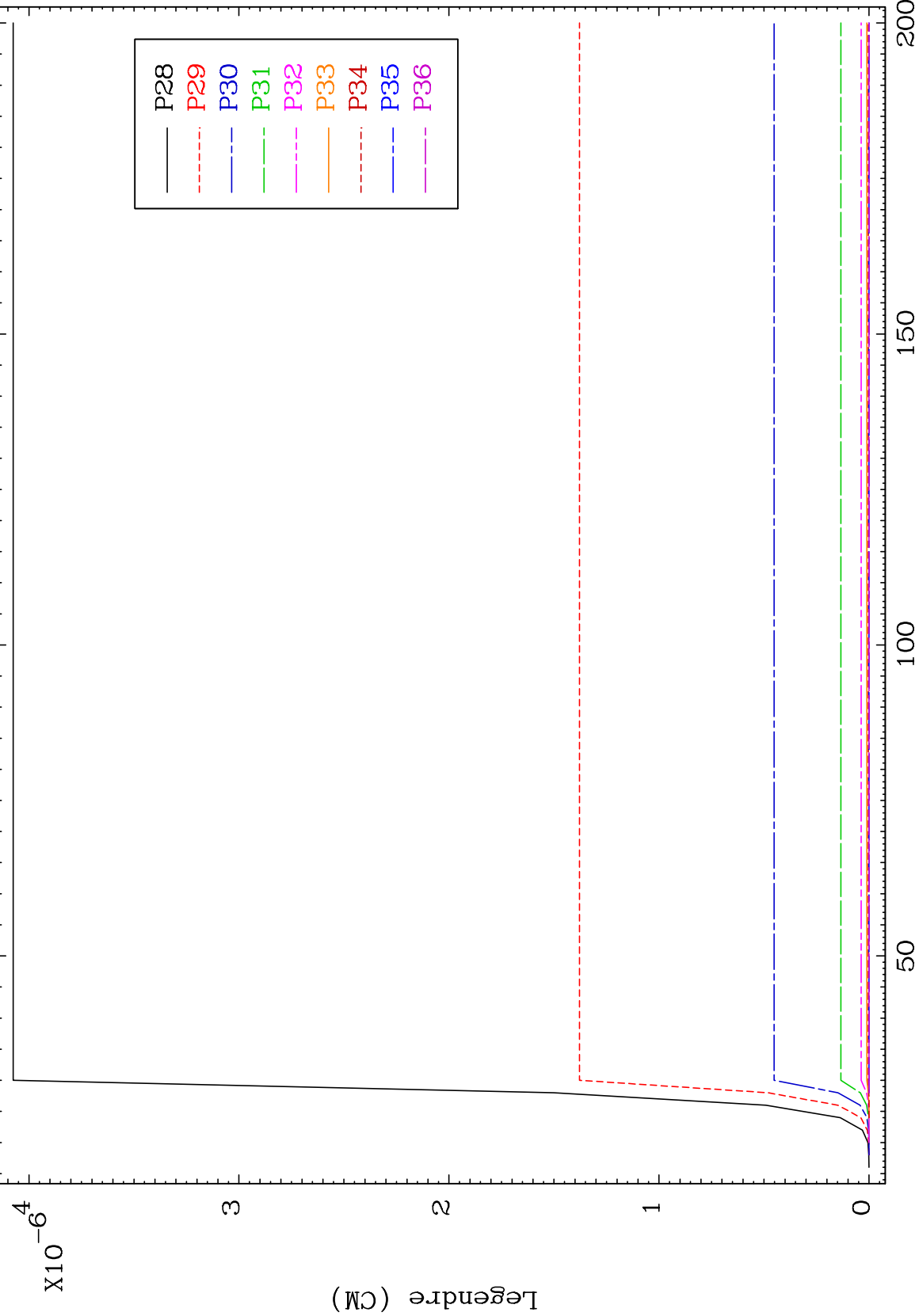
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



104

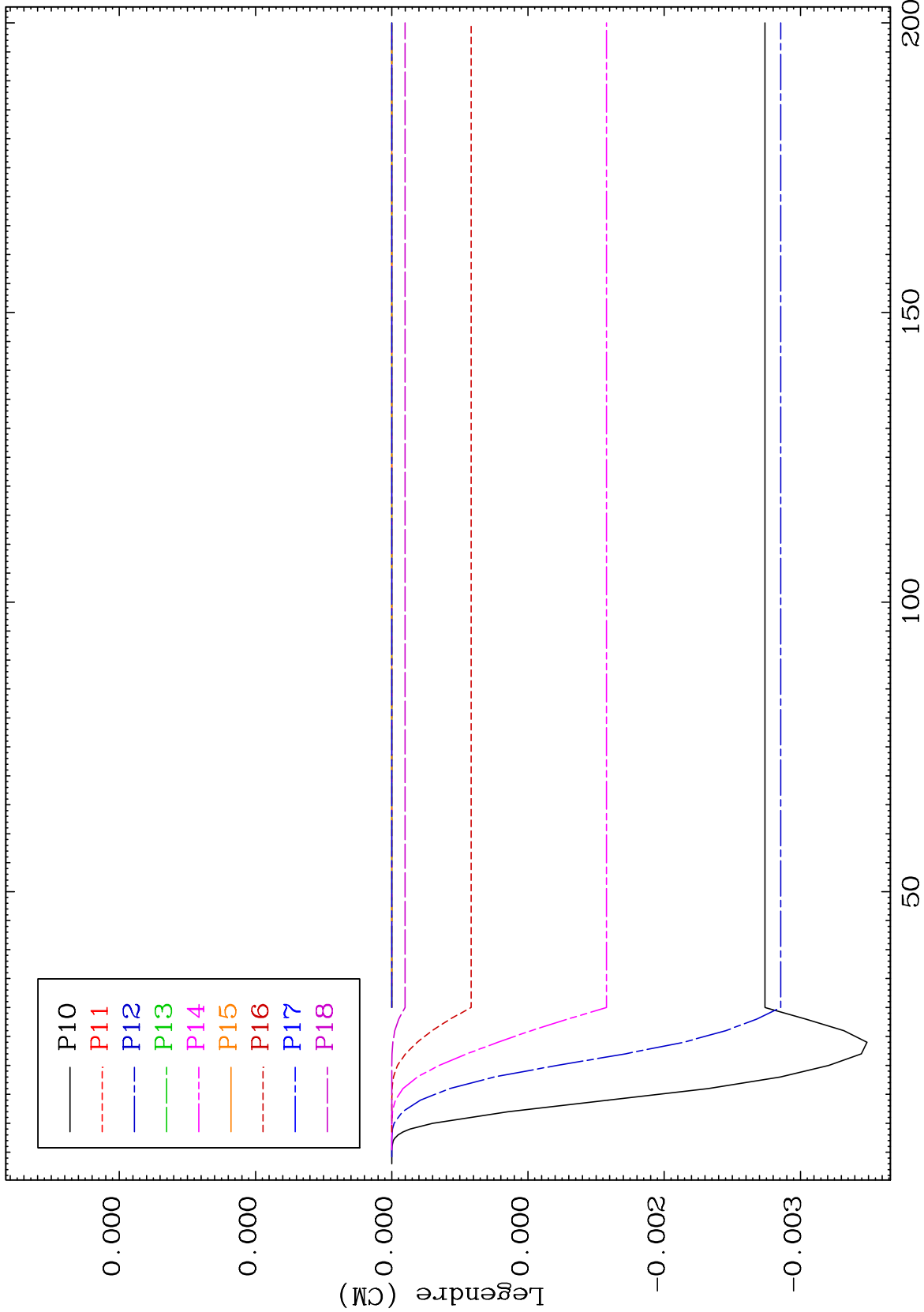
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

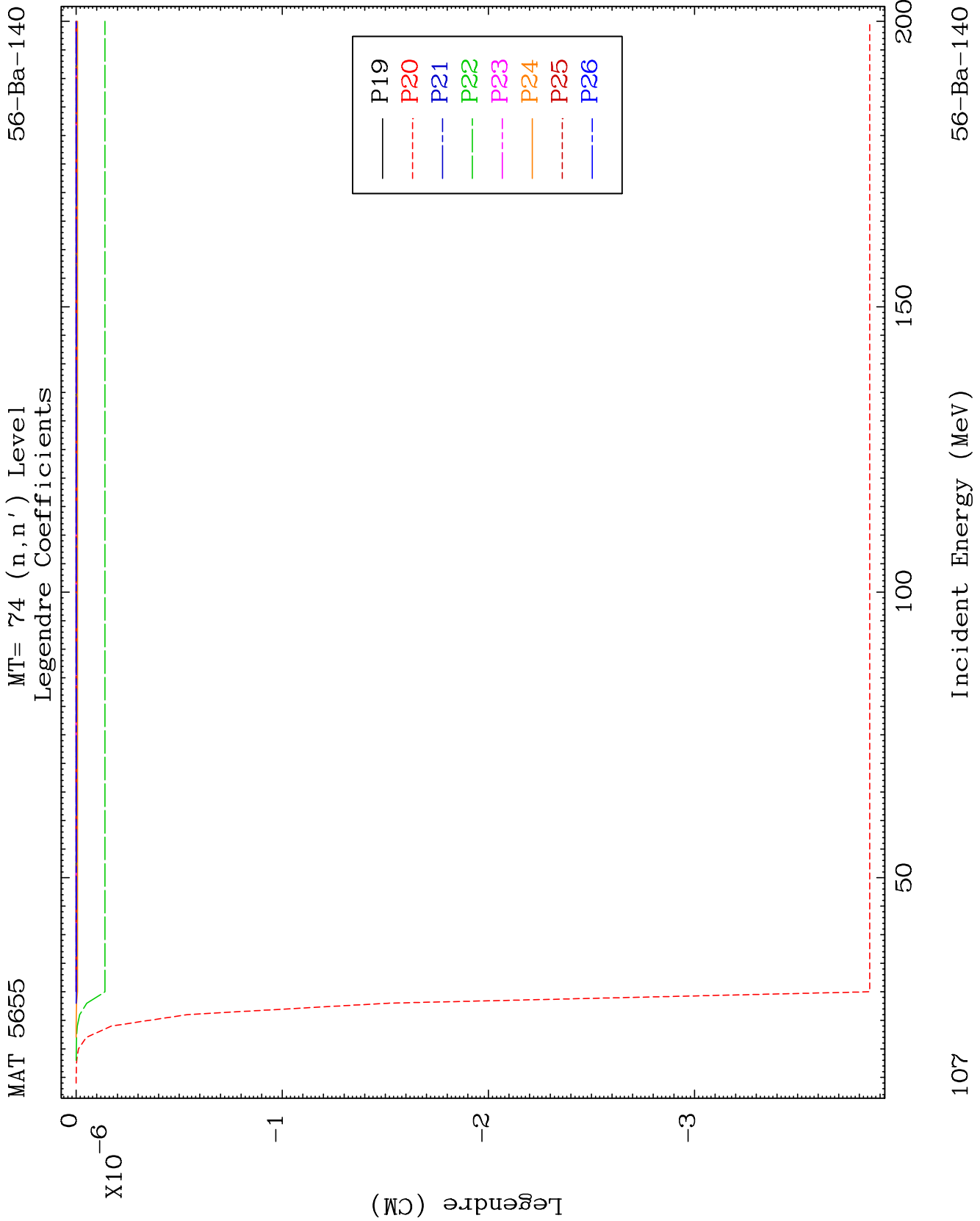
56-Ba-140

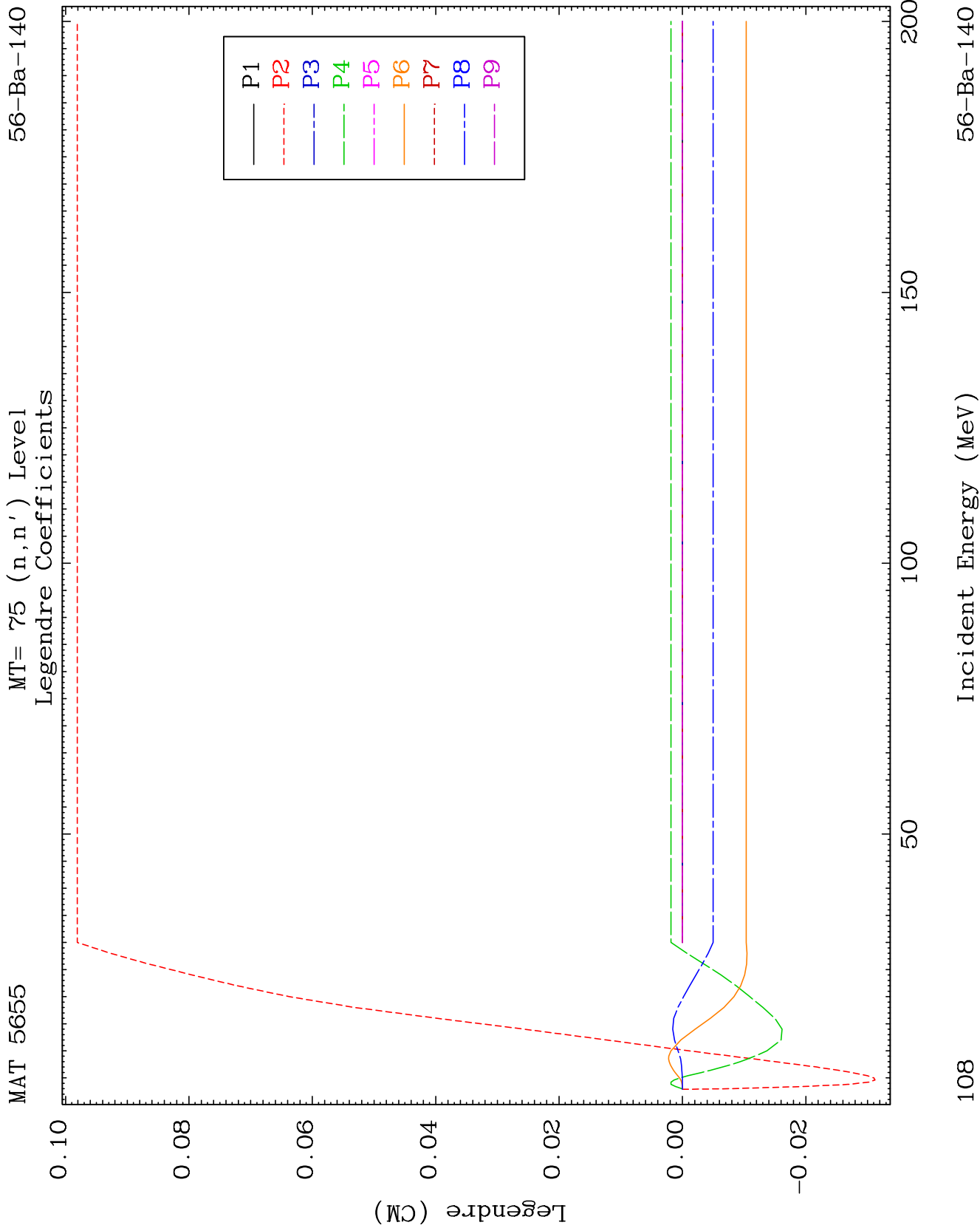


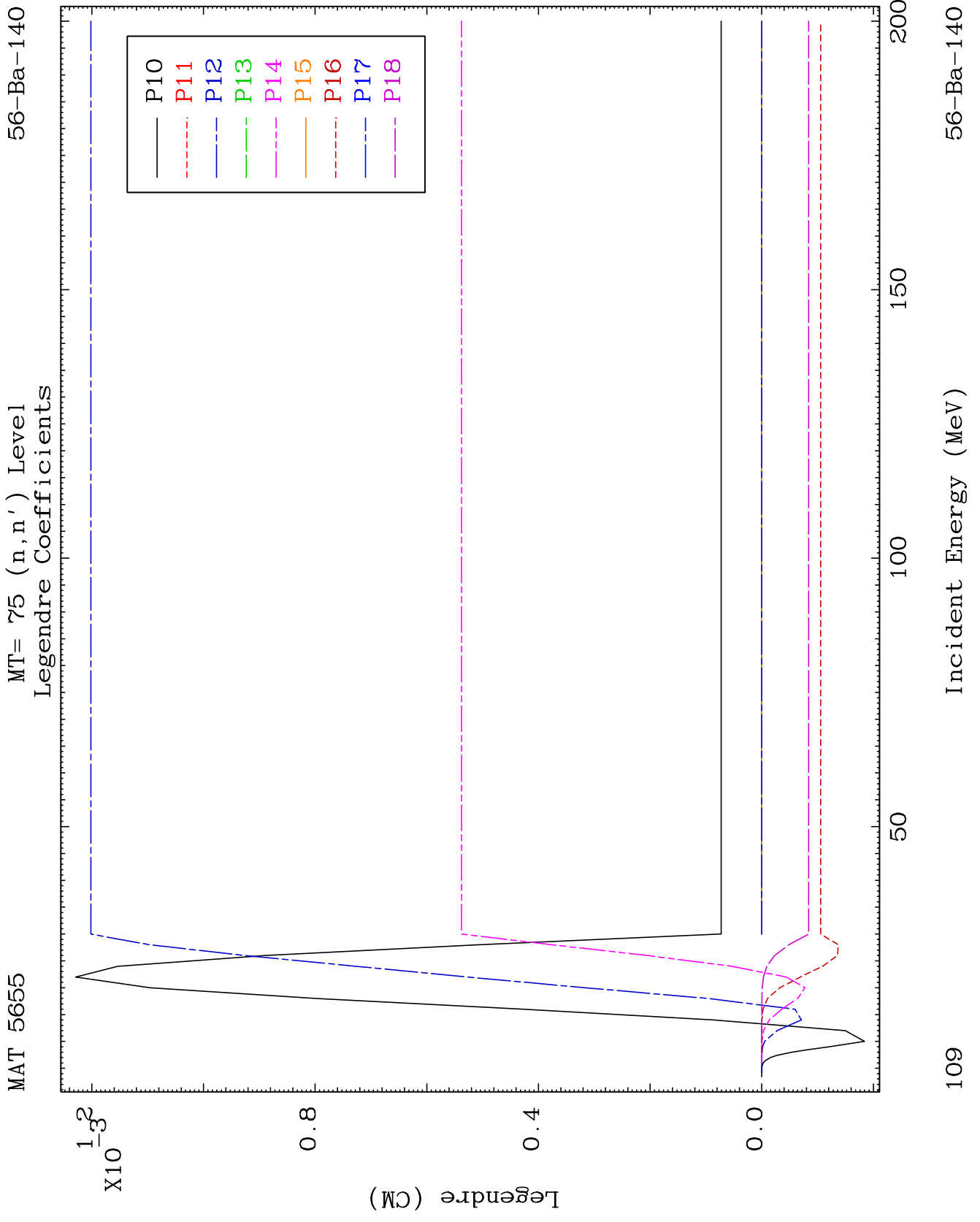
106

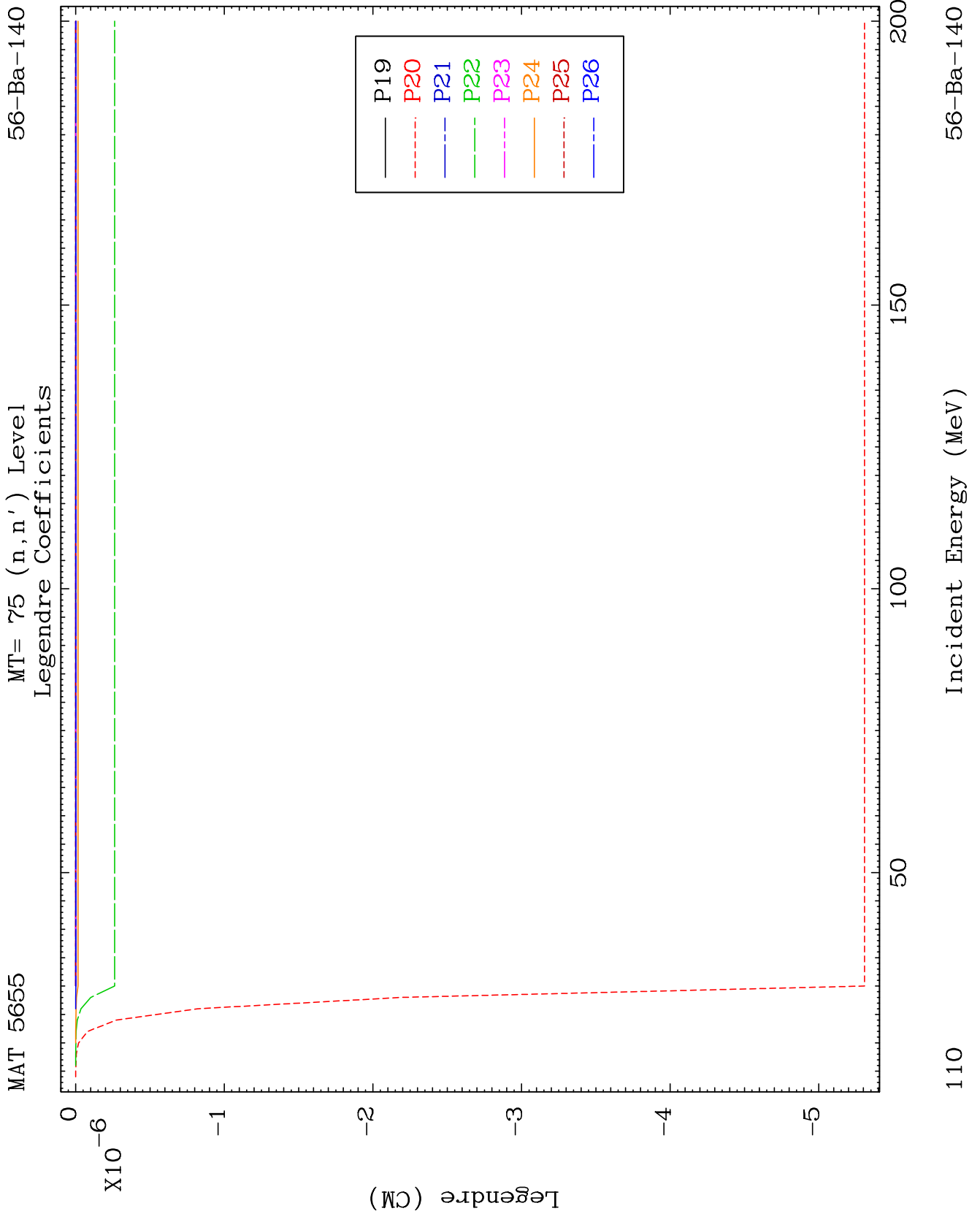
Incident Energy (MeV)

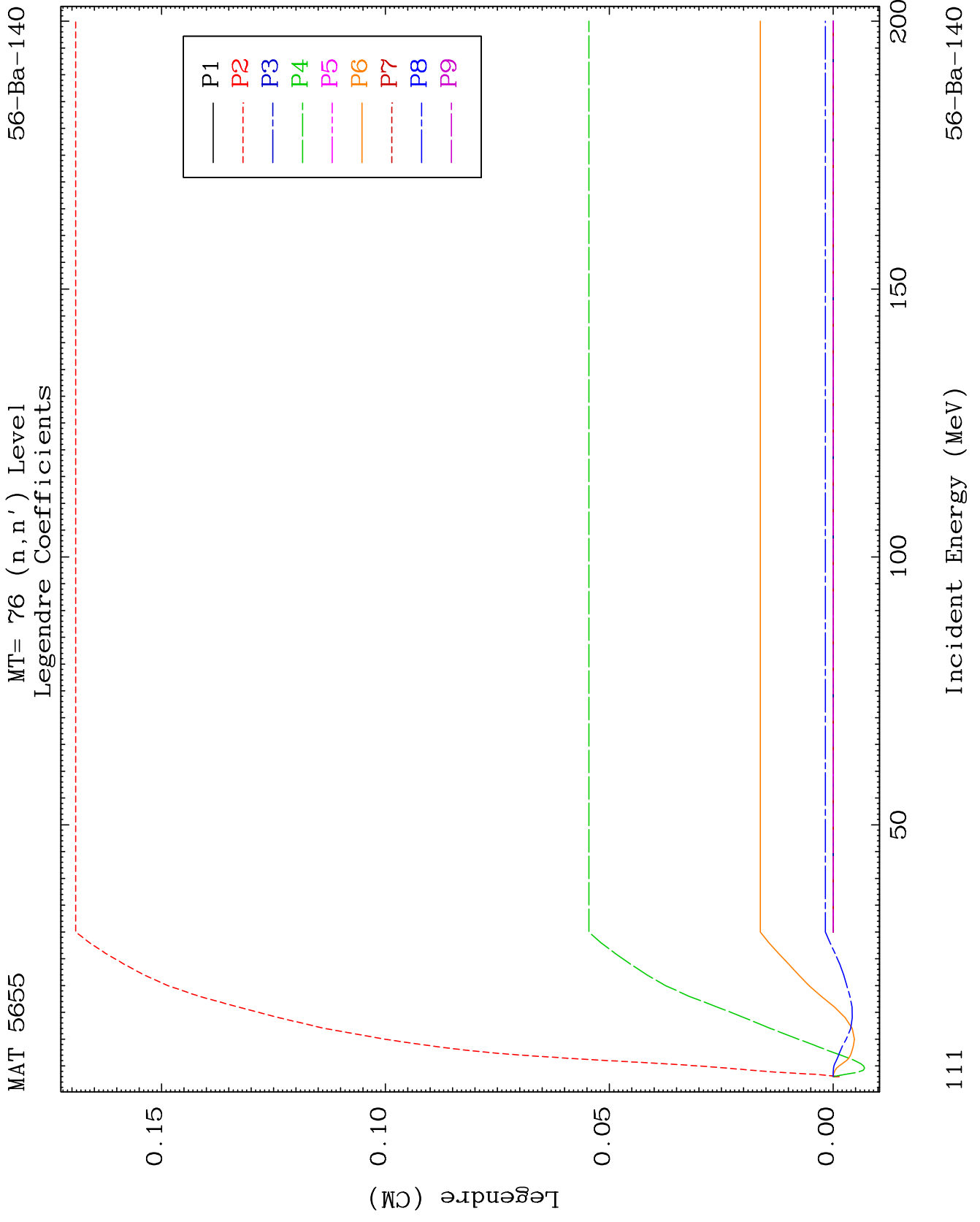
56-Ba-140







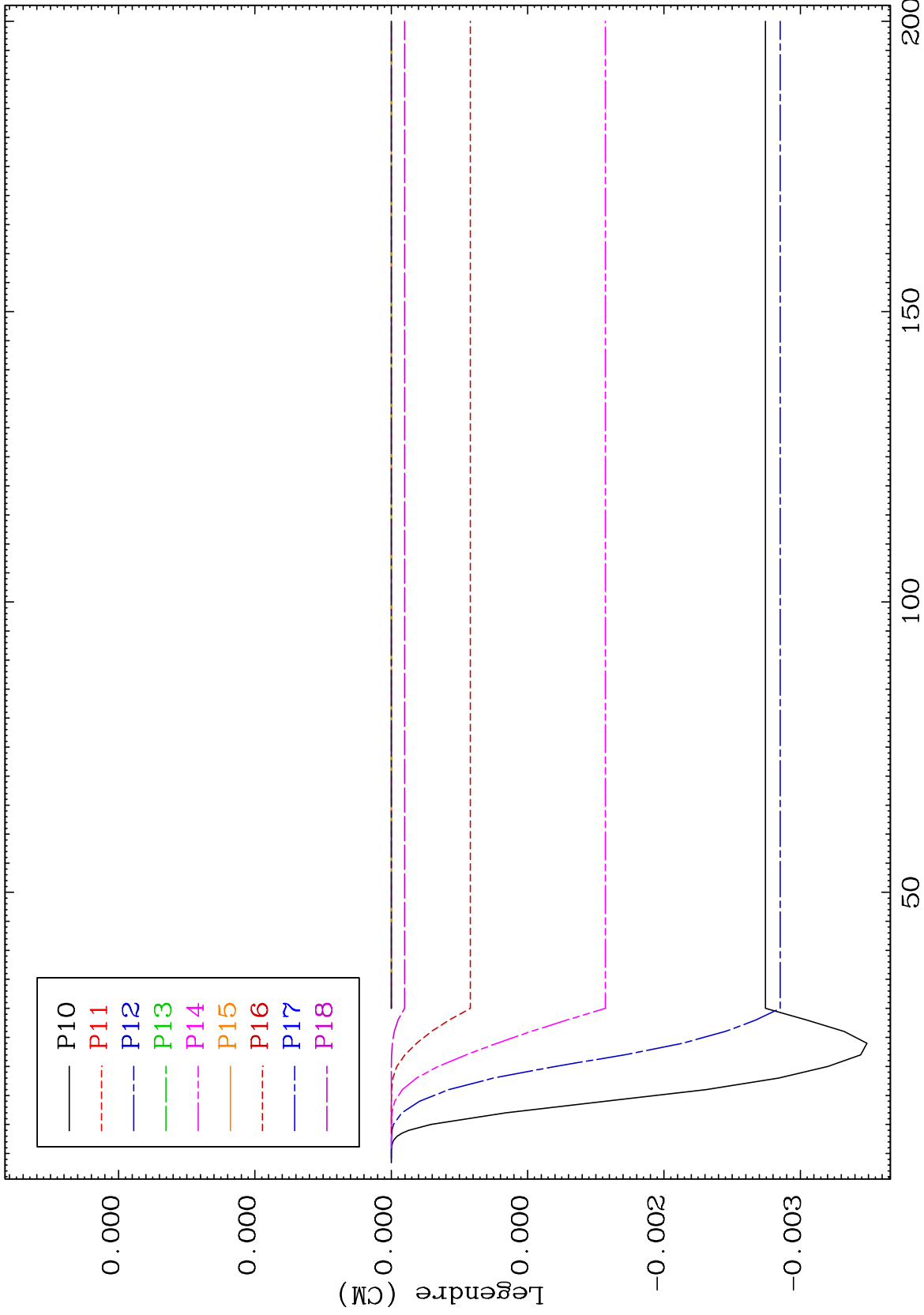




MAT 5655

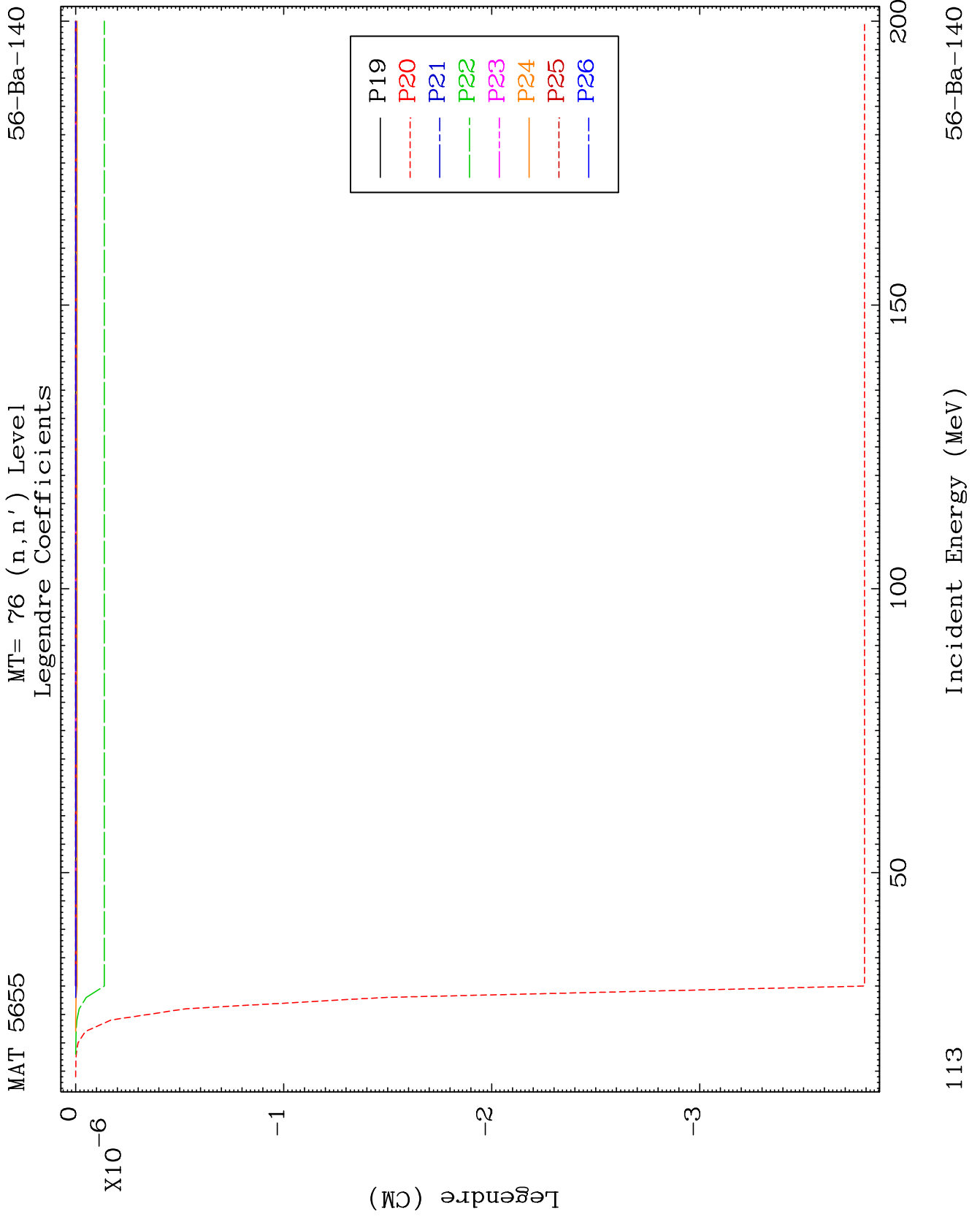
MT= 76 (n,n') Level
Legendre Coefficients

56-Ba-140



112

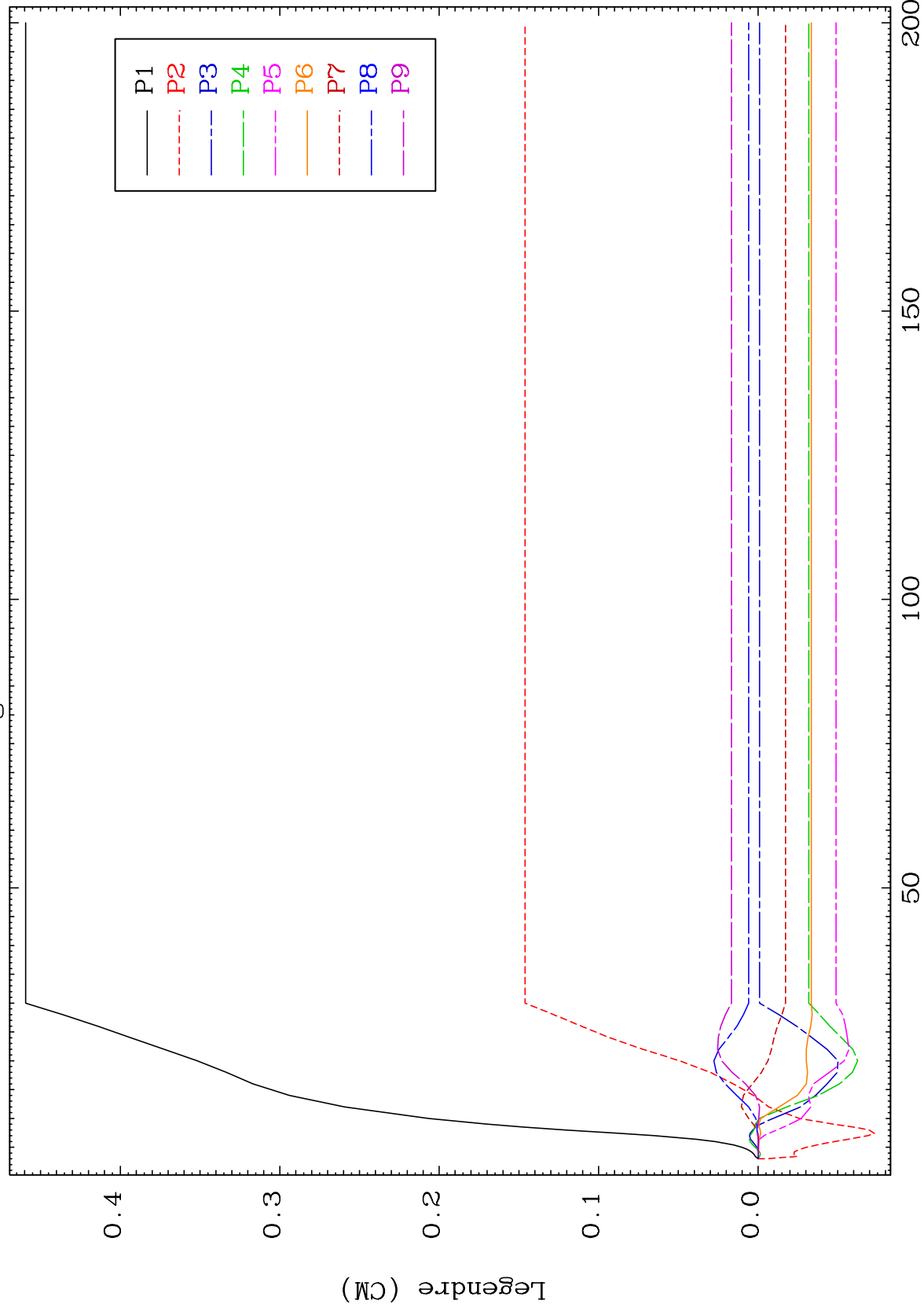
56-Ba-140



MAT 5655

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

56-Ba-140



114

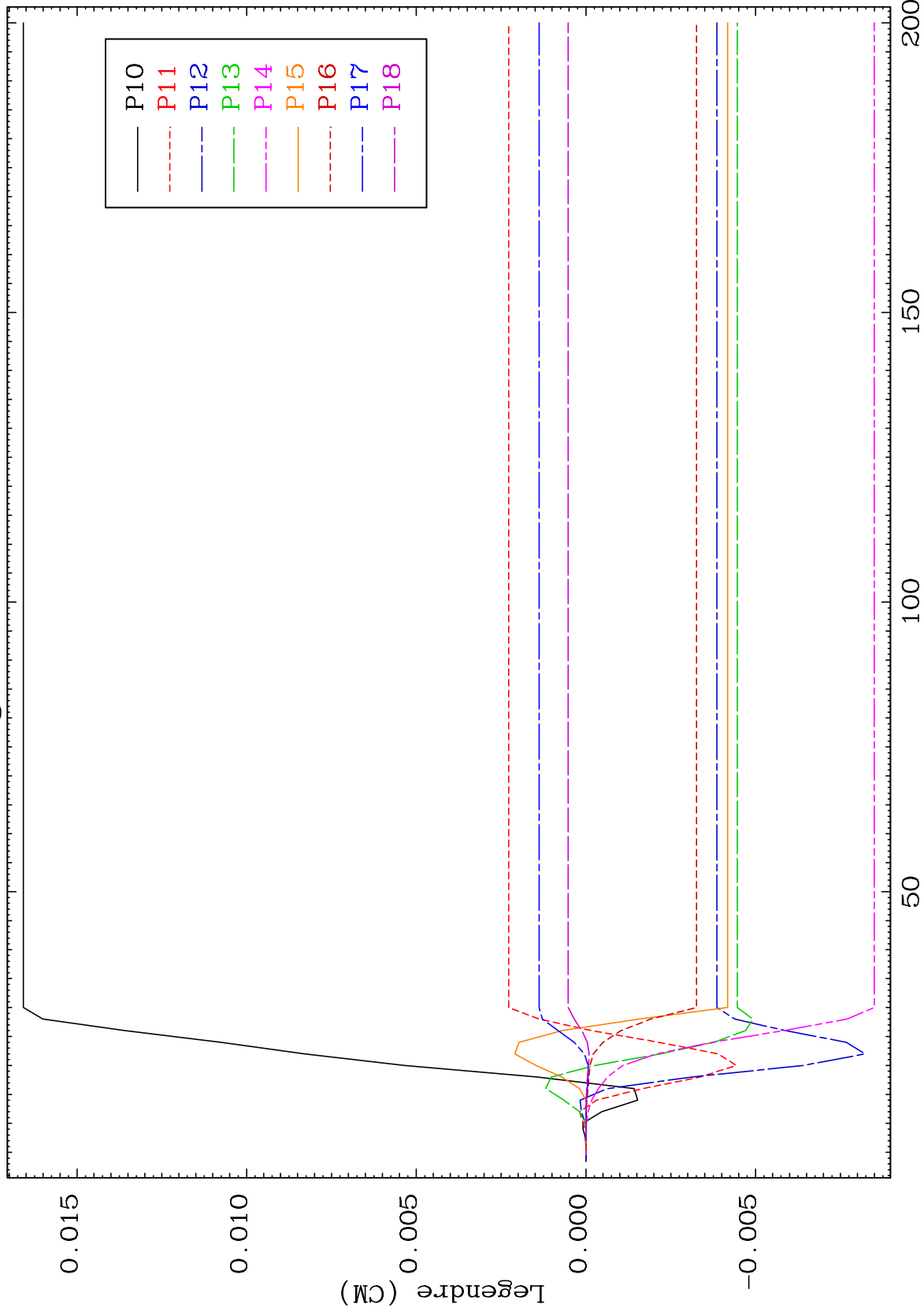
Incident Energy (MeV)

56-Ba-140

MAT 5655

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

56-Ba-140



115

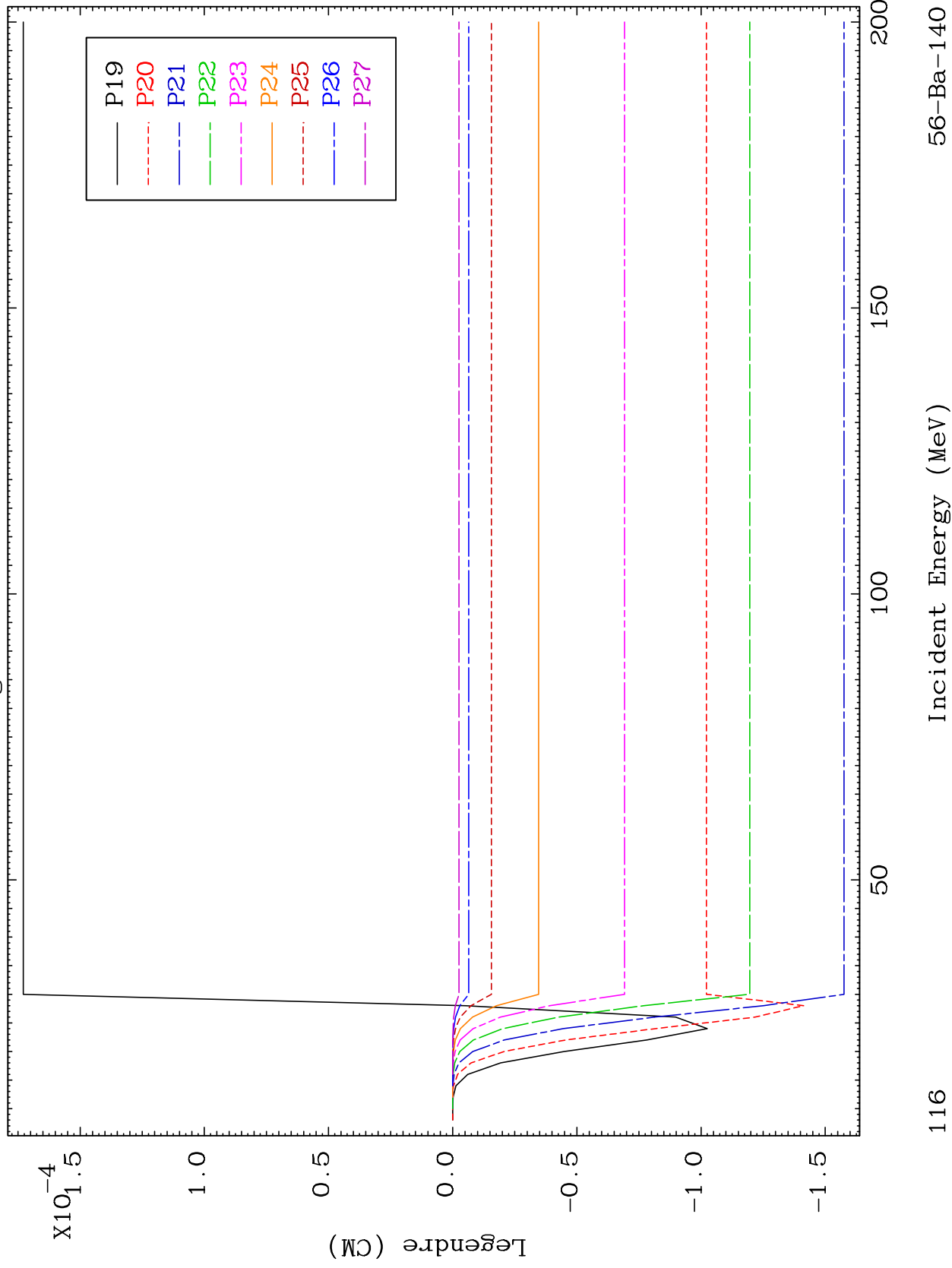
Incident Energy (MeV)

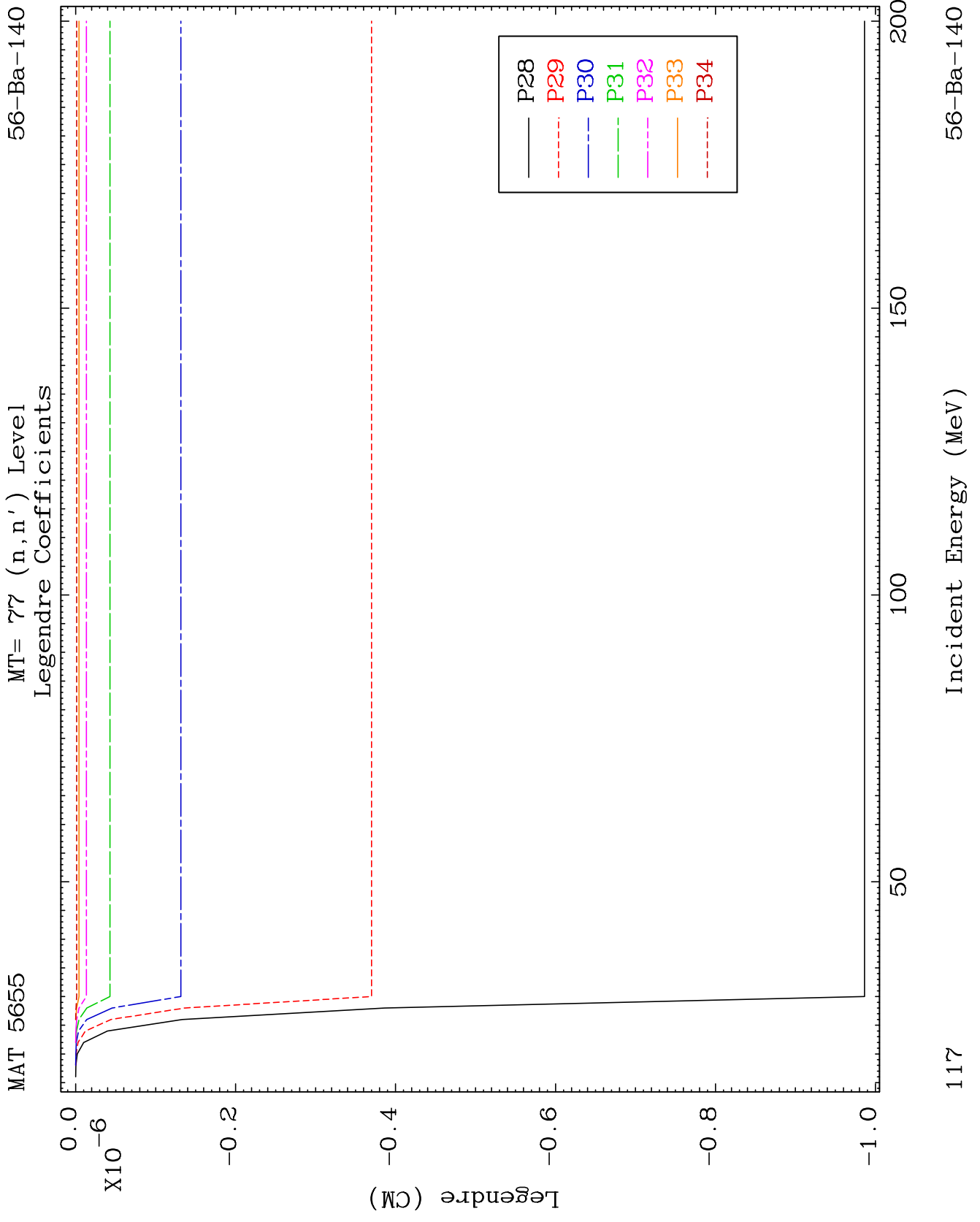
56-Ba-140

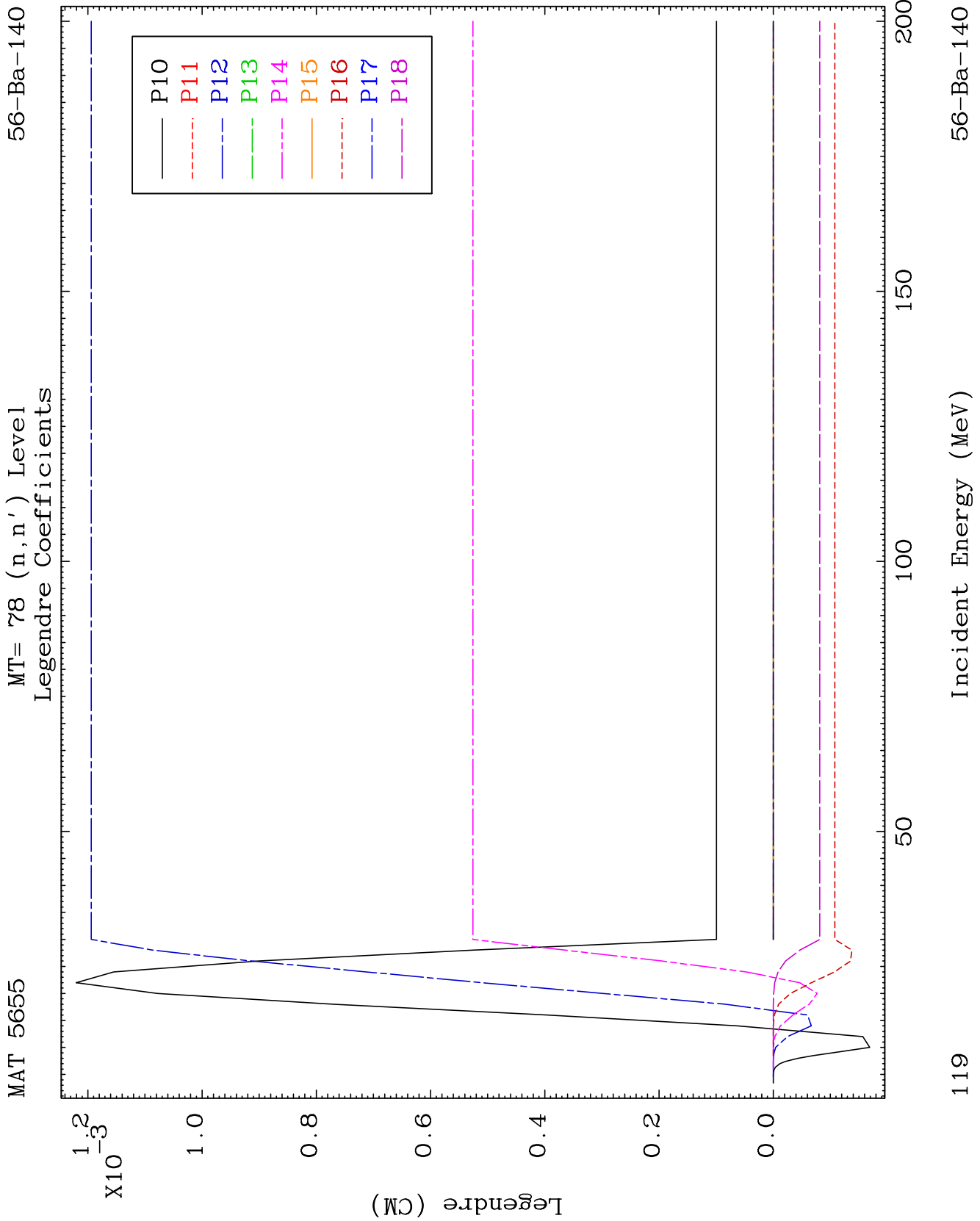
MAT 5655

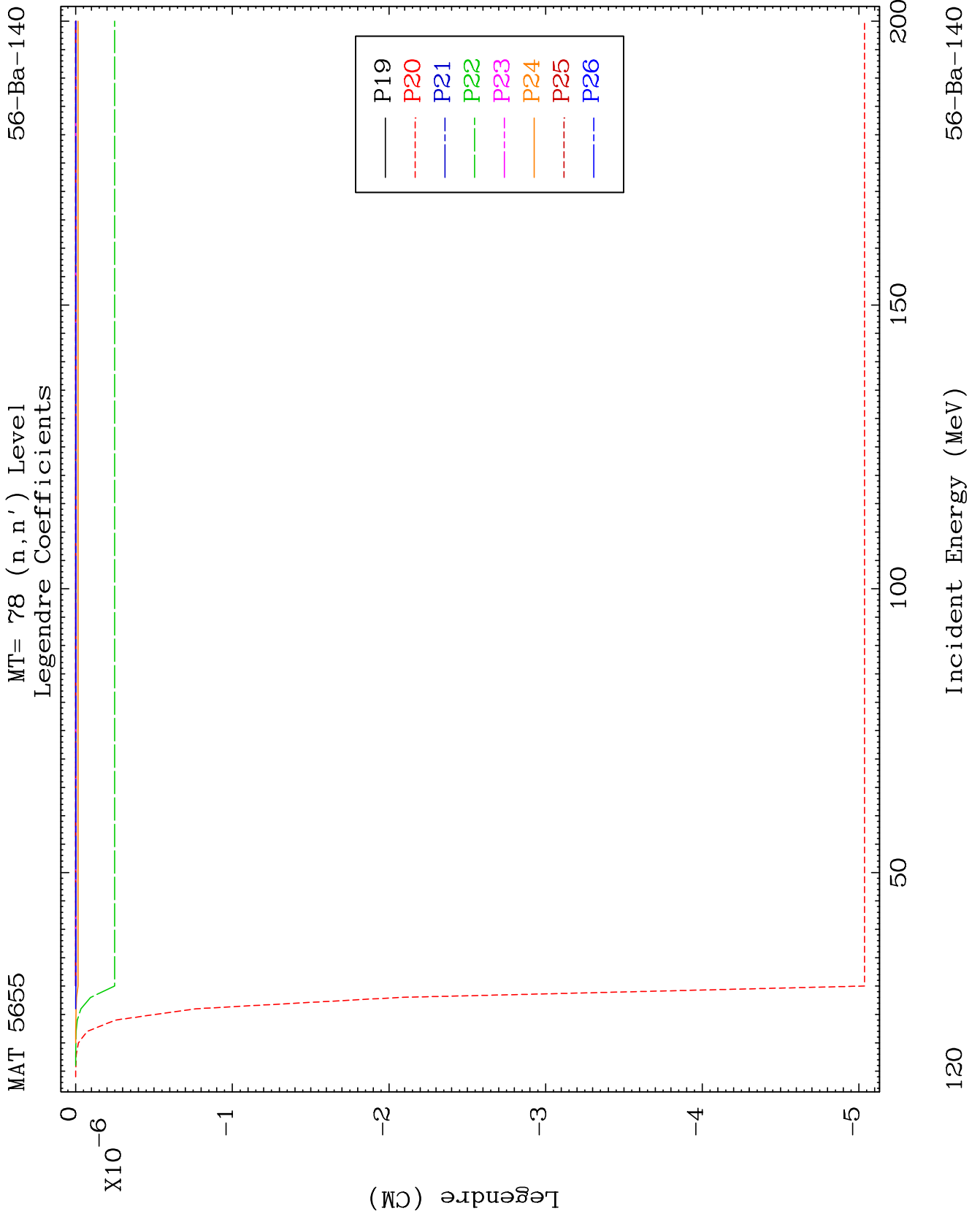
MT= 77 (n,n') Level
Legendre Coefficients

56-Ba-140







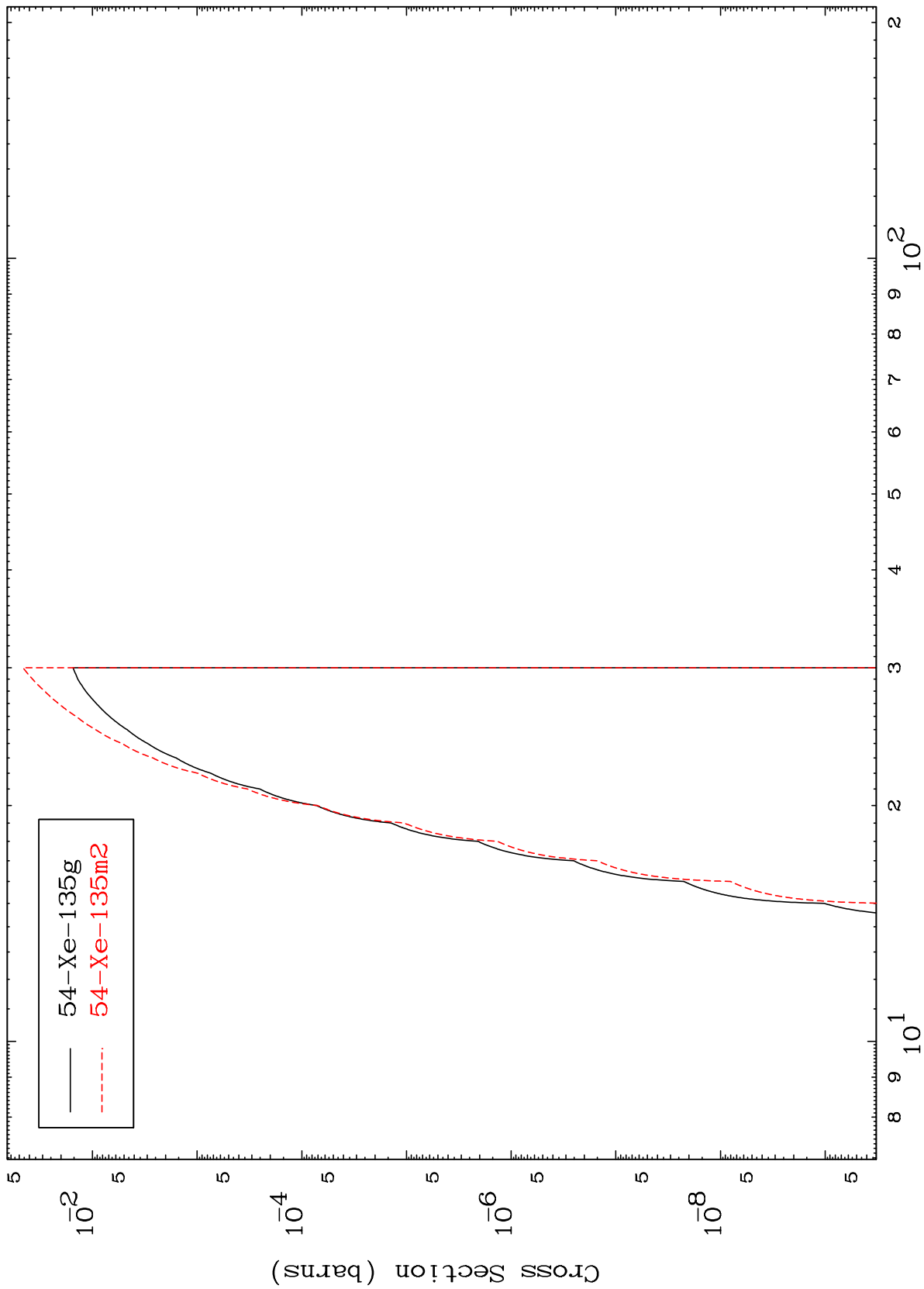


MAT 5655

(n,2n) α

56-Ba-140

Radionuclide Production Cross Section



121

Incident Energy (MeV)

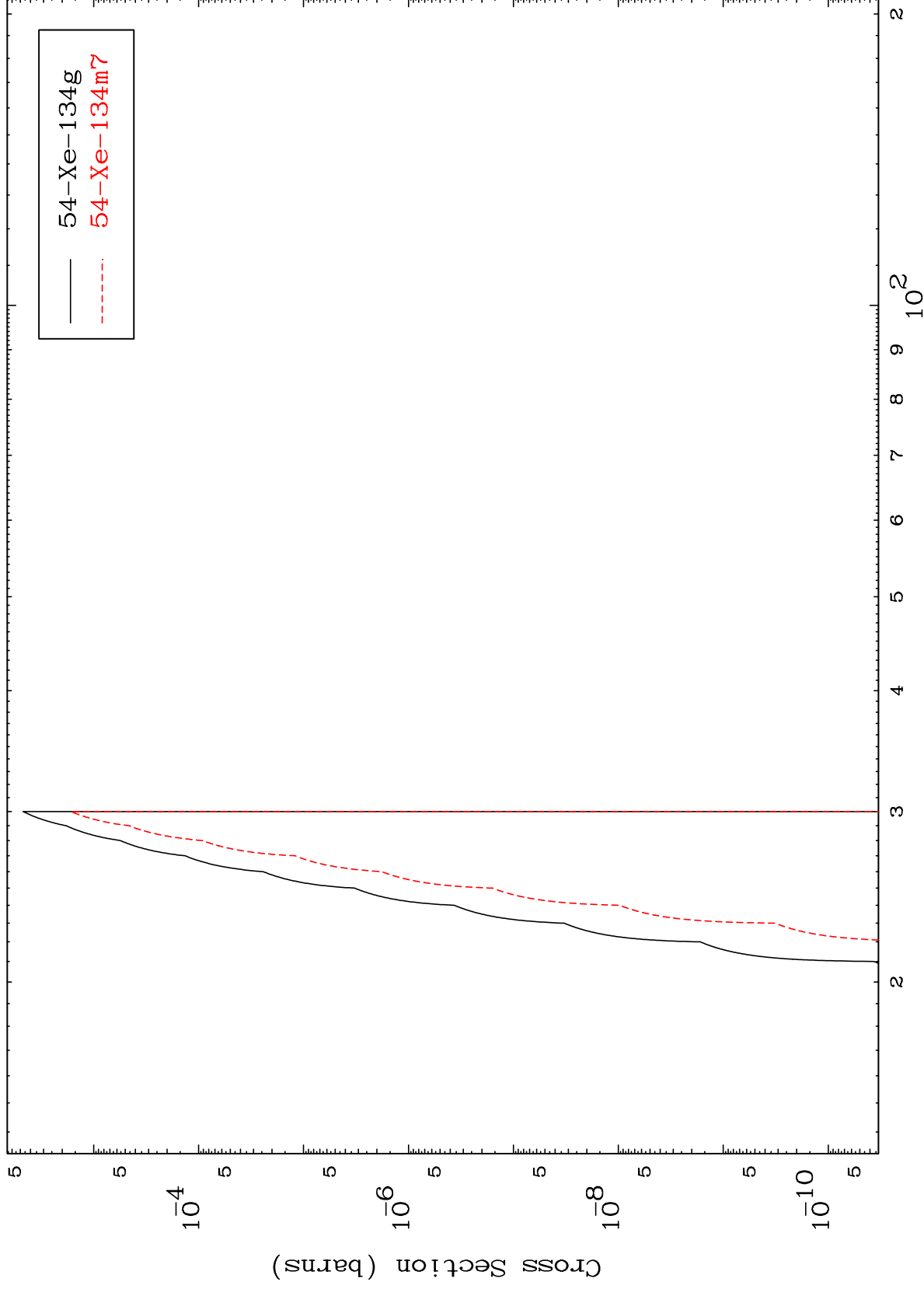
56-Ba-140

MAT 5655

(n,3n) α

56-Ba-140

Radionuclide Production Cross Section



122

Incident Energy (MeV)

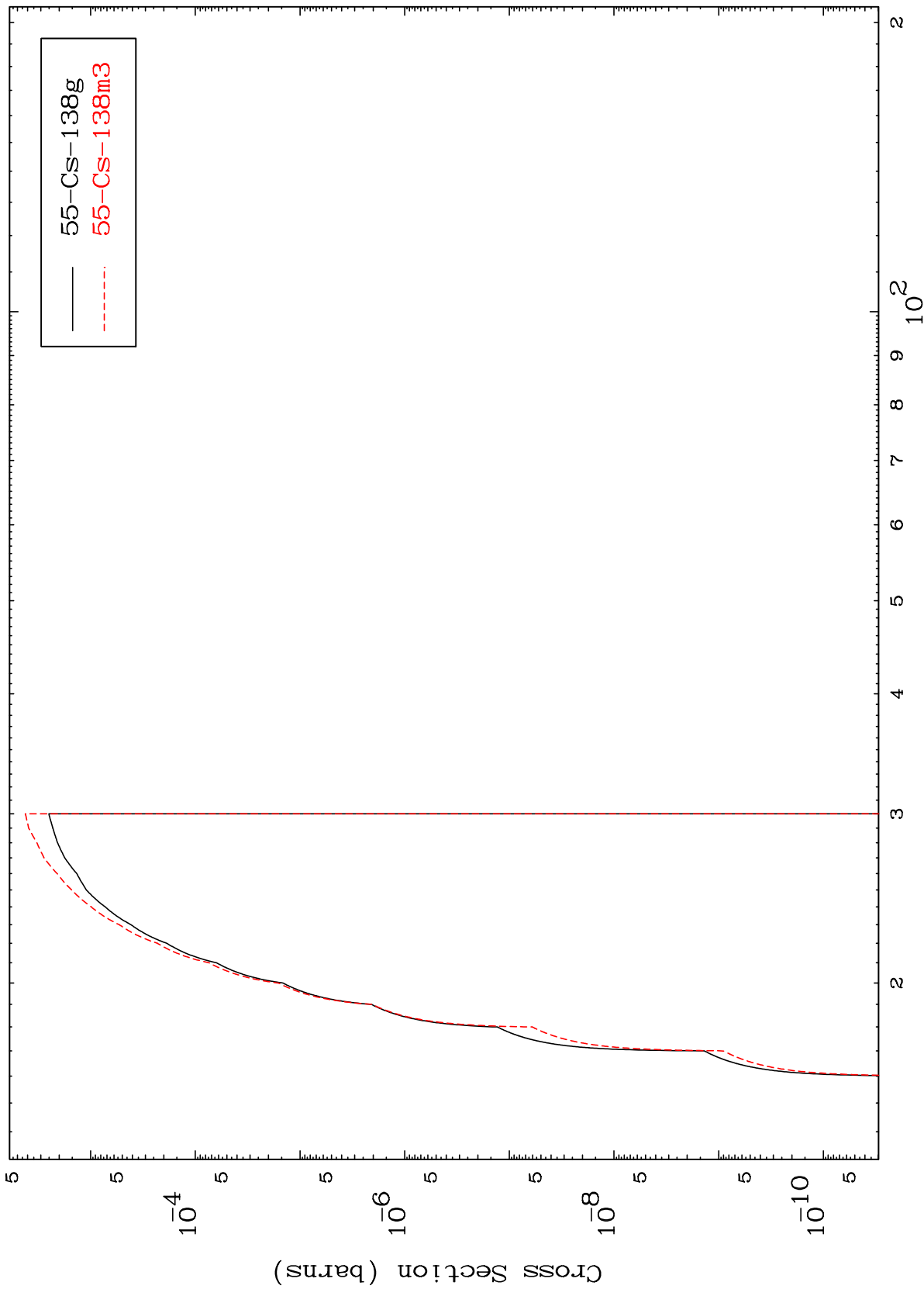
56-Ba-140

MAT 5655

(n,n') d

56-Ba-140

Radionuclide Production Cross Section



123

Incident Energy (MeV)

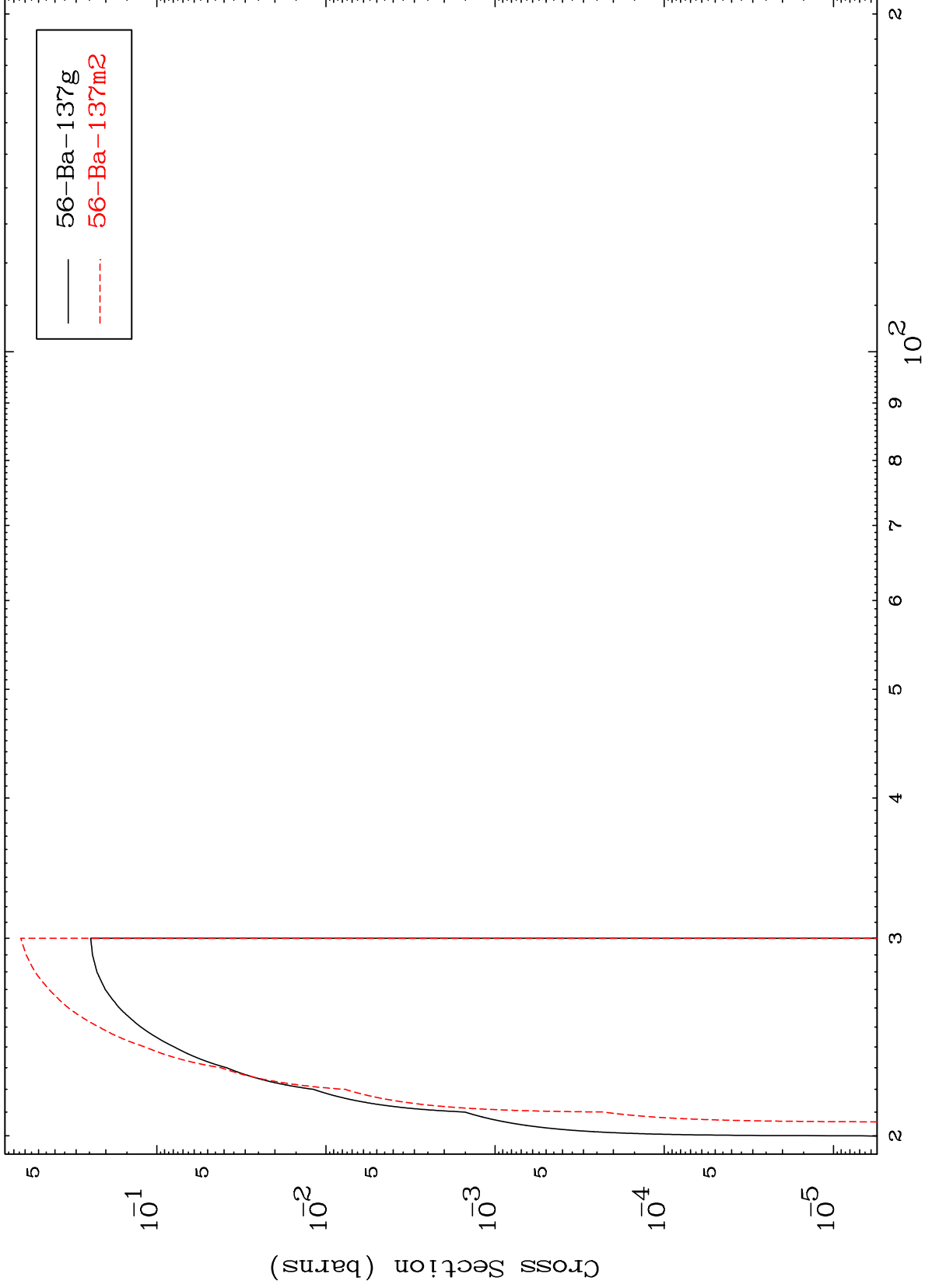
56-Ba-140

MAT 5655

(n,4n)

56-Ba-140

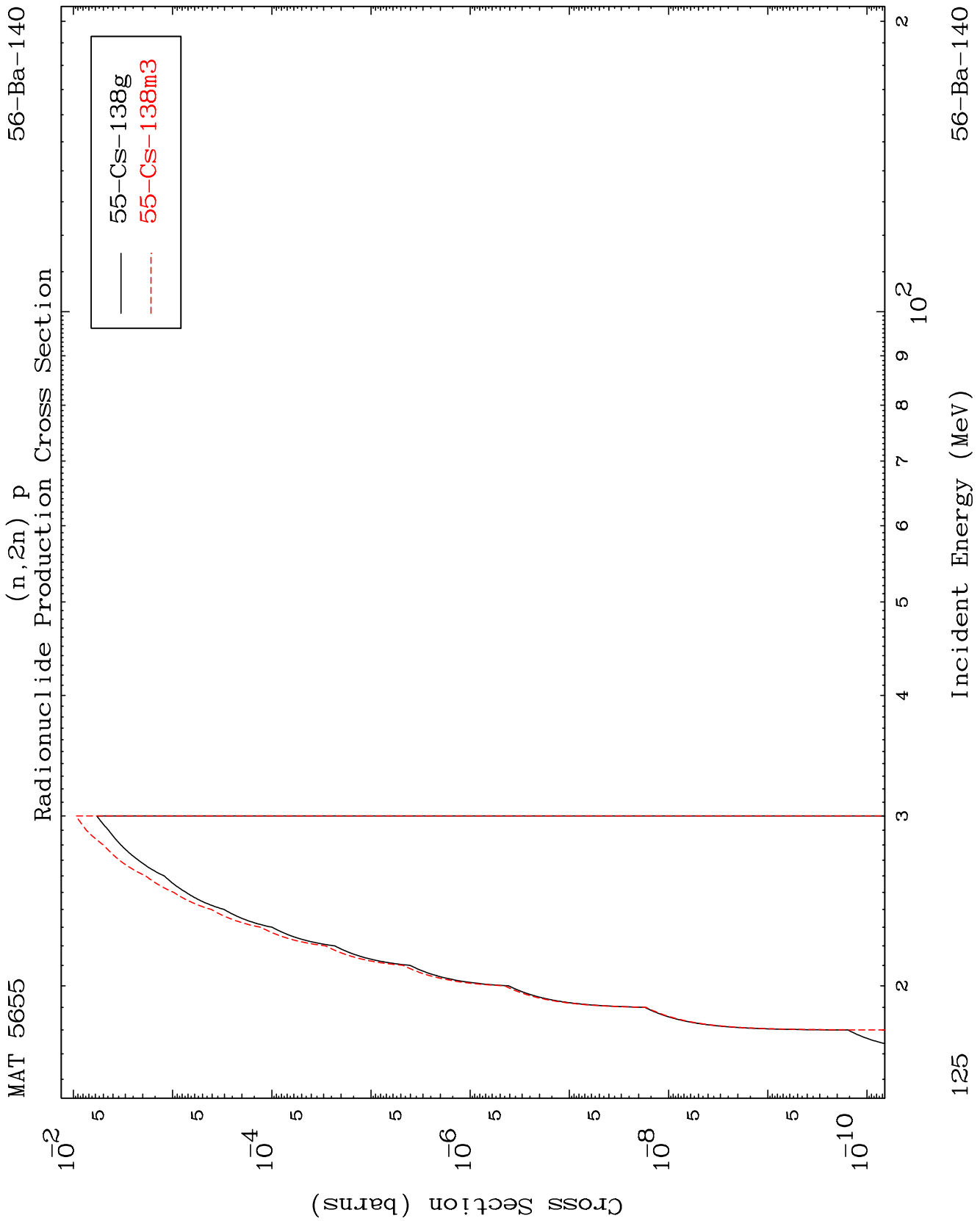
Radionuclide Production Cross Section



124

Incident Energy (MeV)

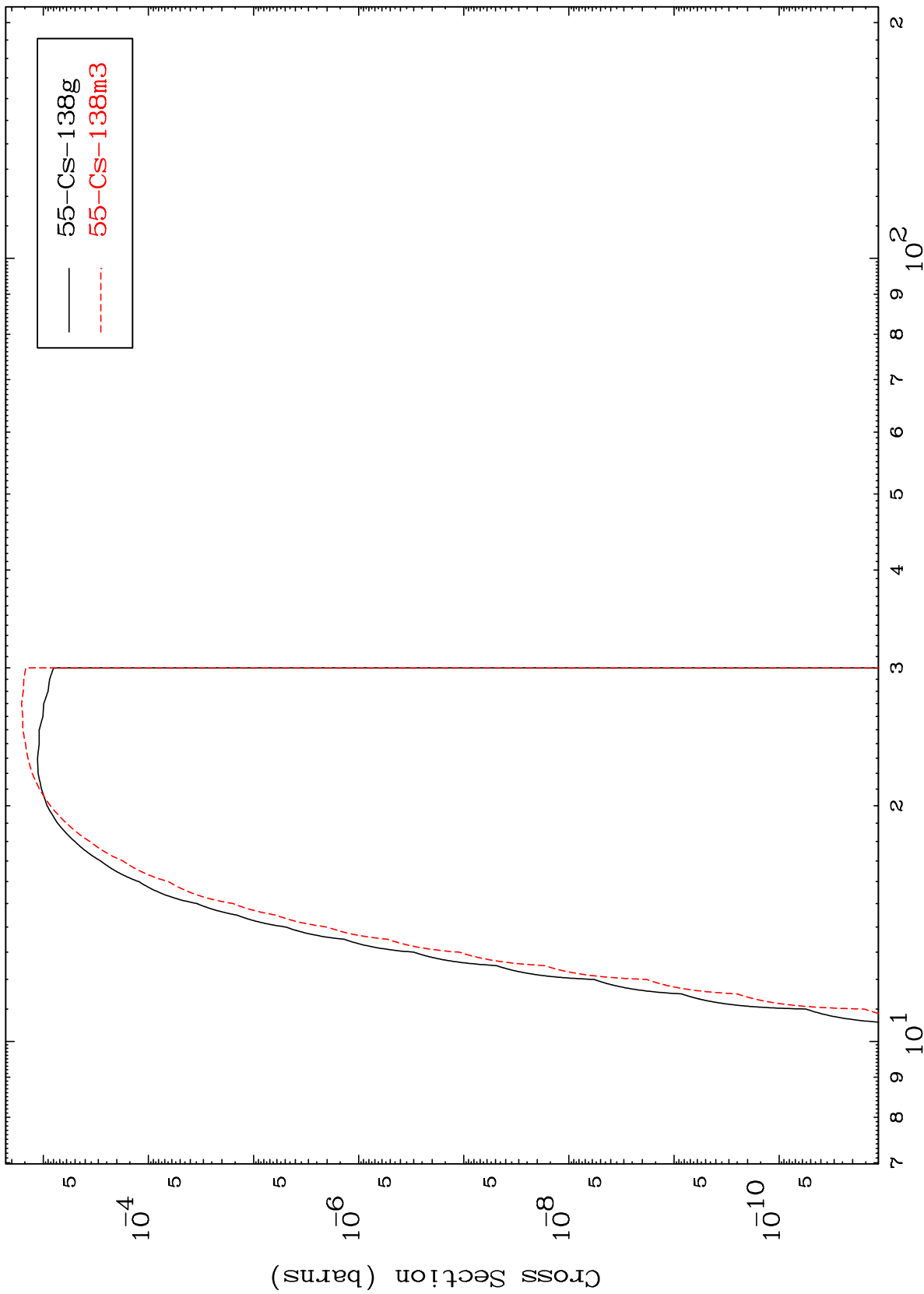
56-Ba-140



MAT 5655

56-Ba-140

(n, t)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

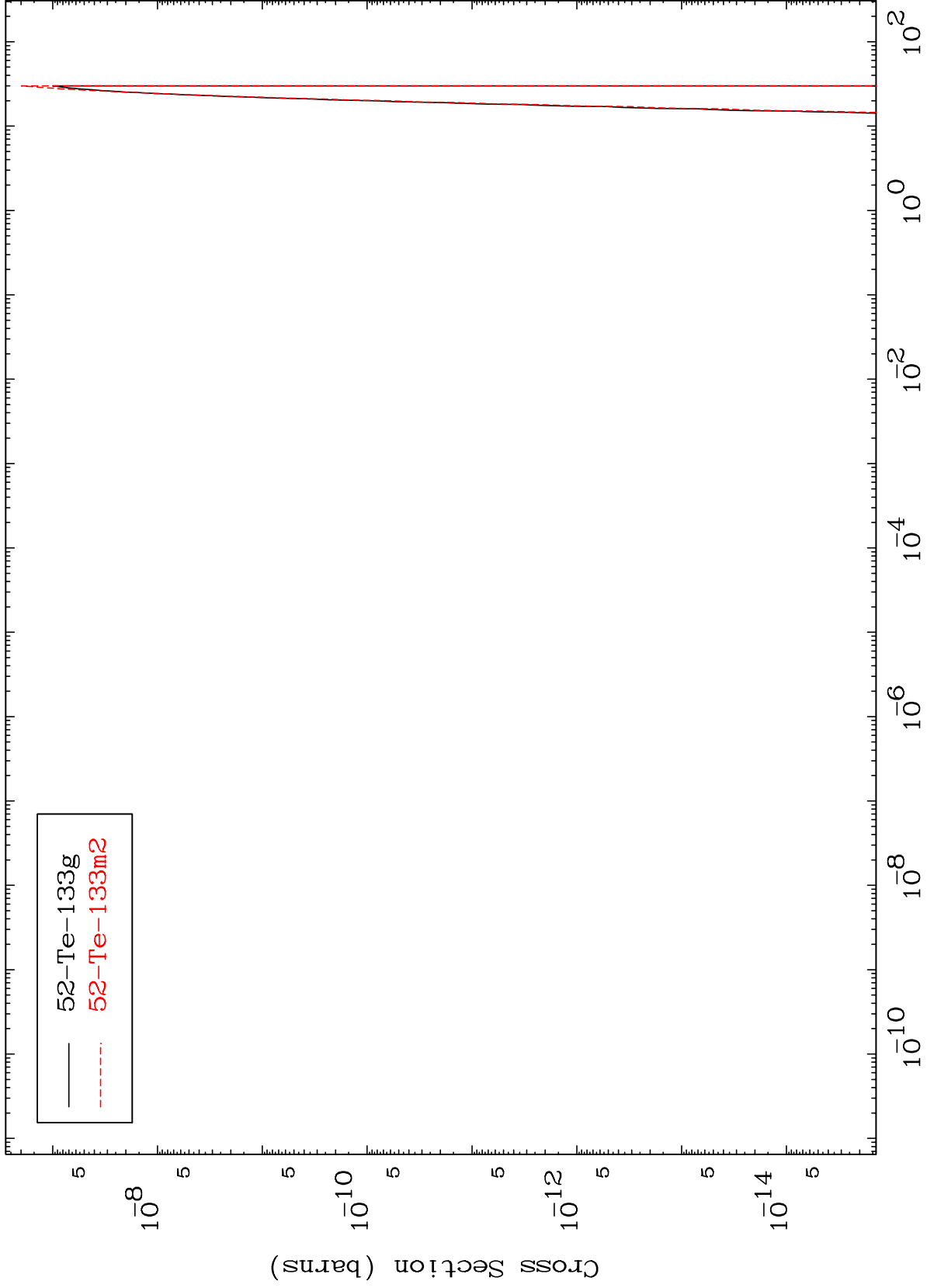
56-Ba-140

MAT 5655

(n,2α)

56-Ba-140

Radionuclide Production Cross Section



127

Incident Energy (MeV)

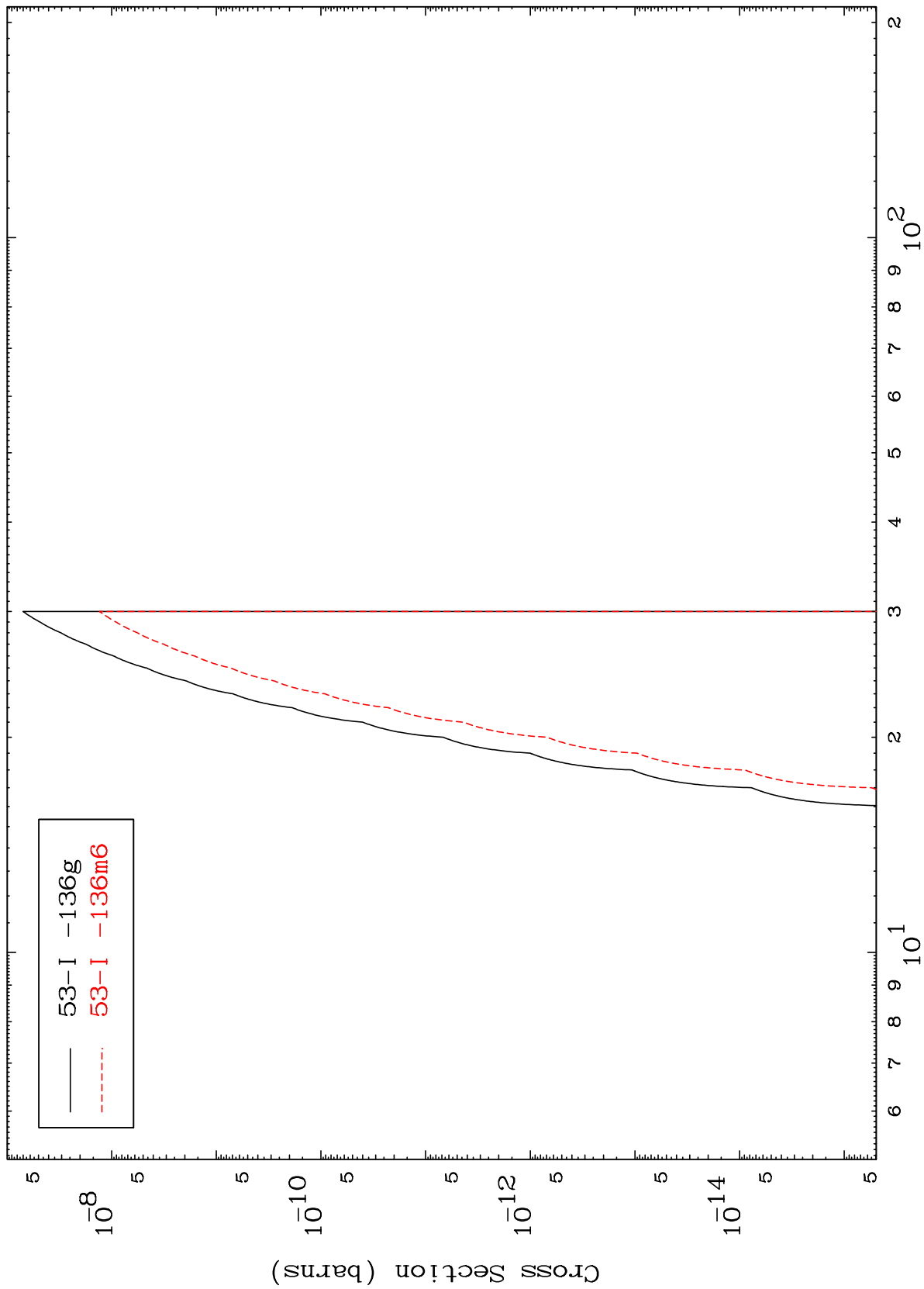
56-Ba-140

MAT 5655

$(n,p) \alpha$

56-Ba-140

Radionuclide Production Cross Section



128

Incident Energy (MeV)

56-Ba-140