

Program EVALPLOT
(Version 2015-2)

by

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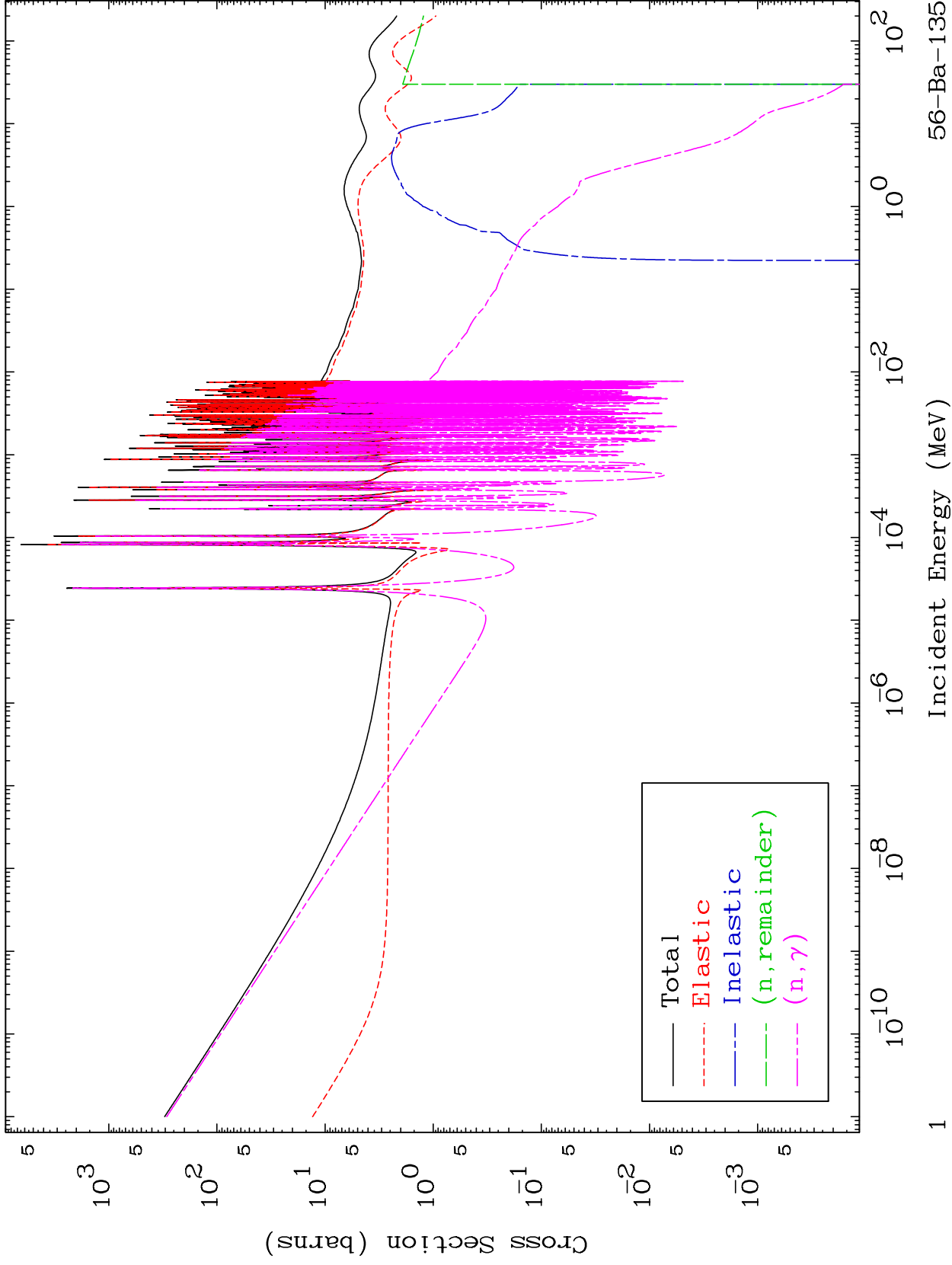
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5640

Major
293 Kelvin Cross Sections

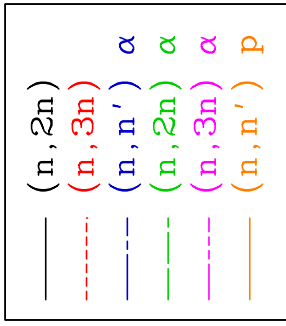
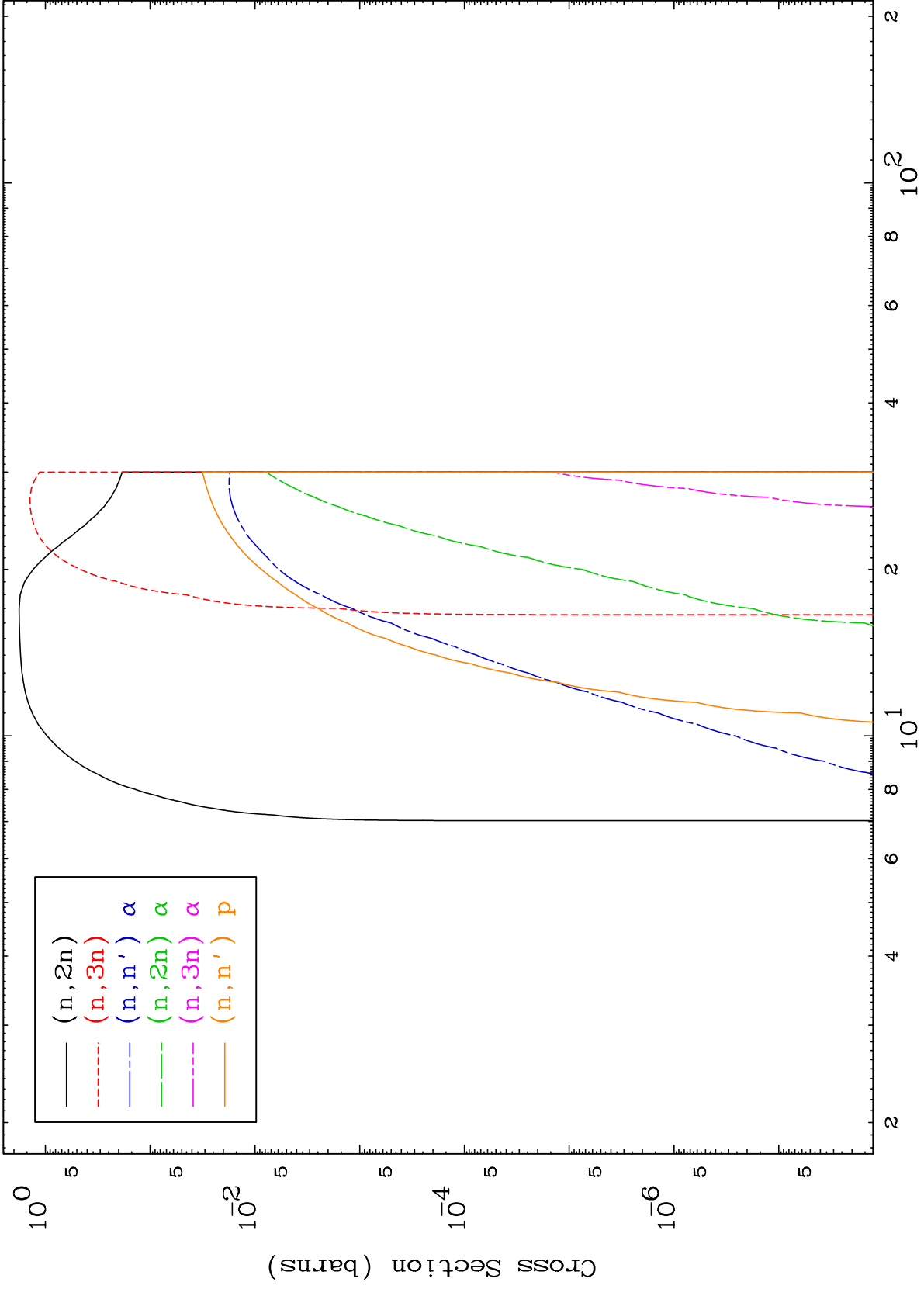
56-Ba-135



MAT 5640

Neutron Production
293 Kelvin Cross Sections

56-Ba-135

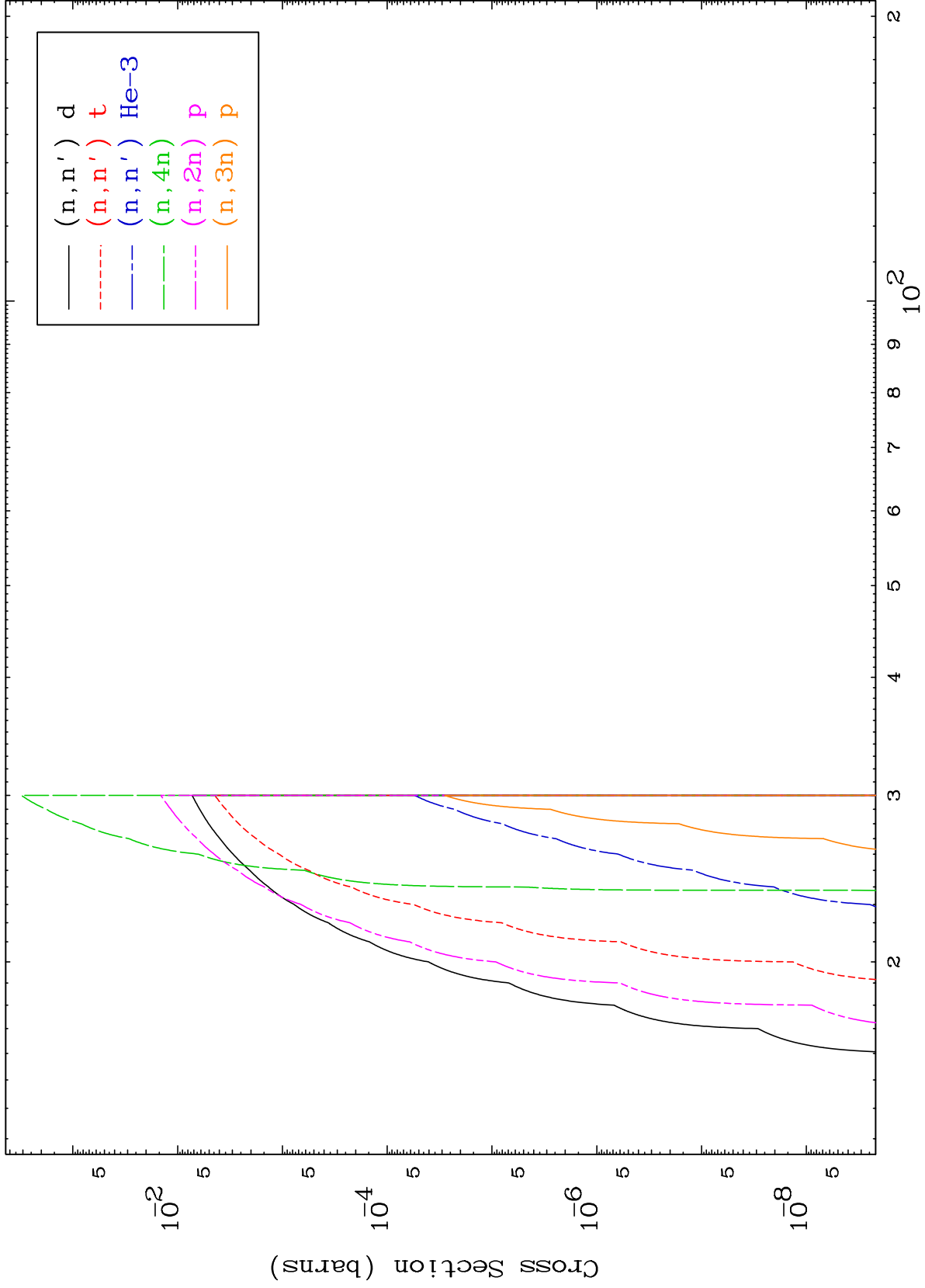


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Incident Energy (MeV)

56-Ba-135

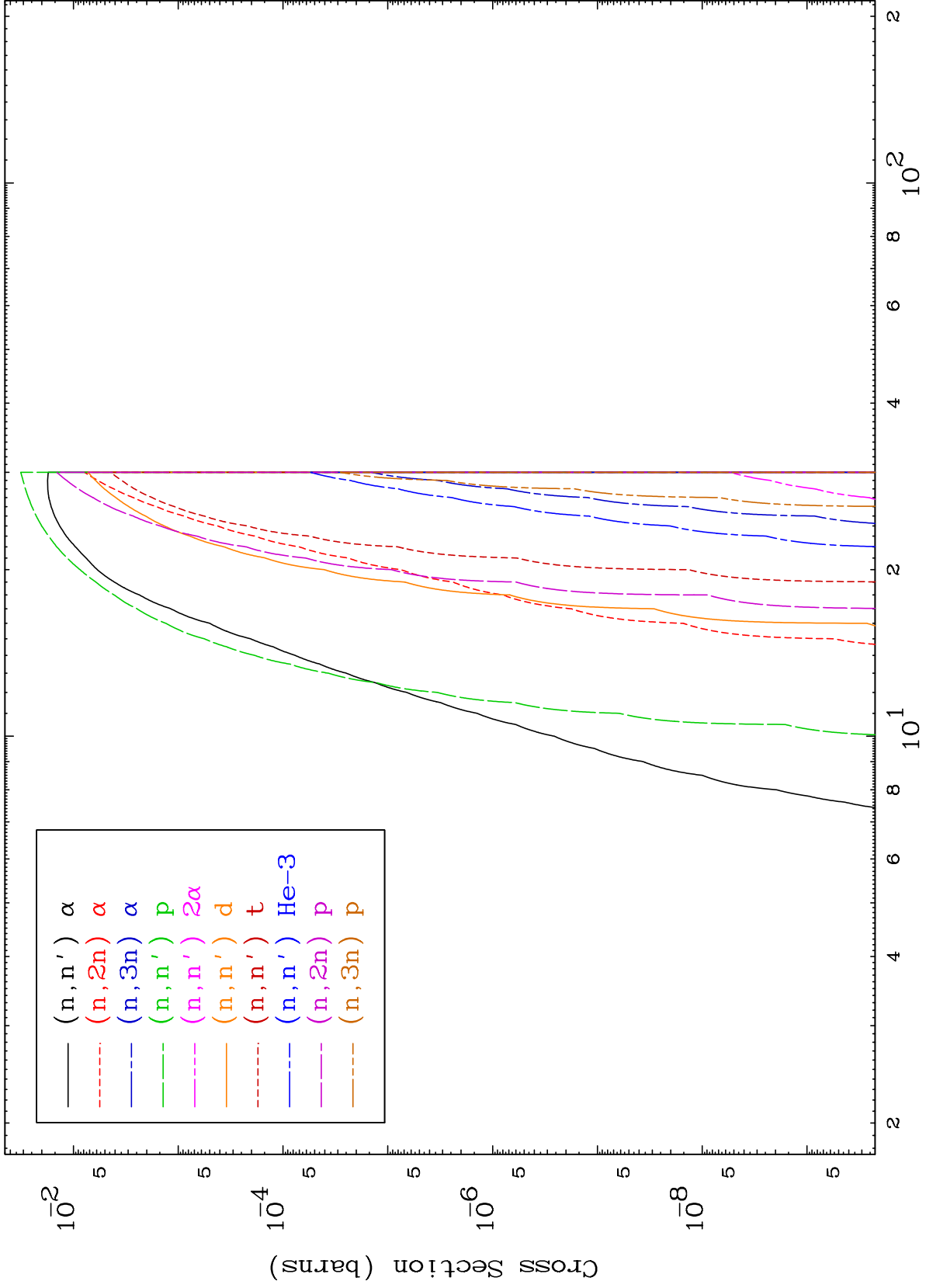
Neutron Production
293 Kelvin Cross Sections



MAT 5640

Charged Particle
293 Kelvin Cross Sections

56-Ba-135



4

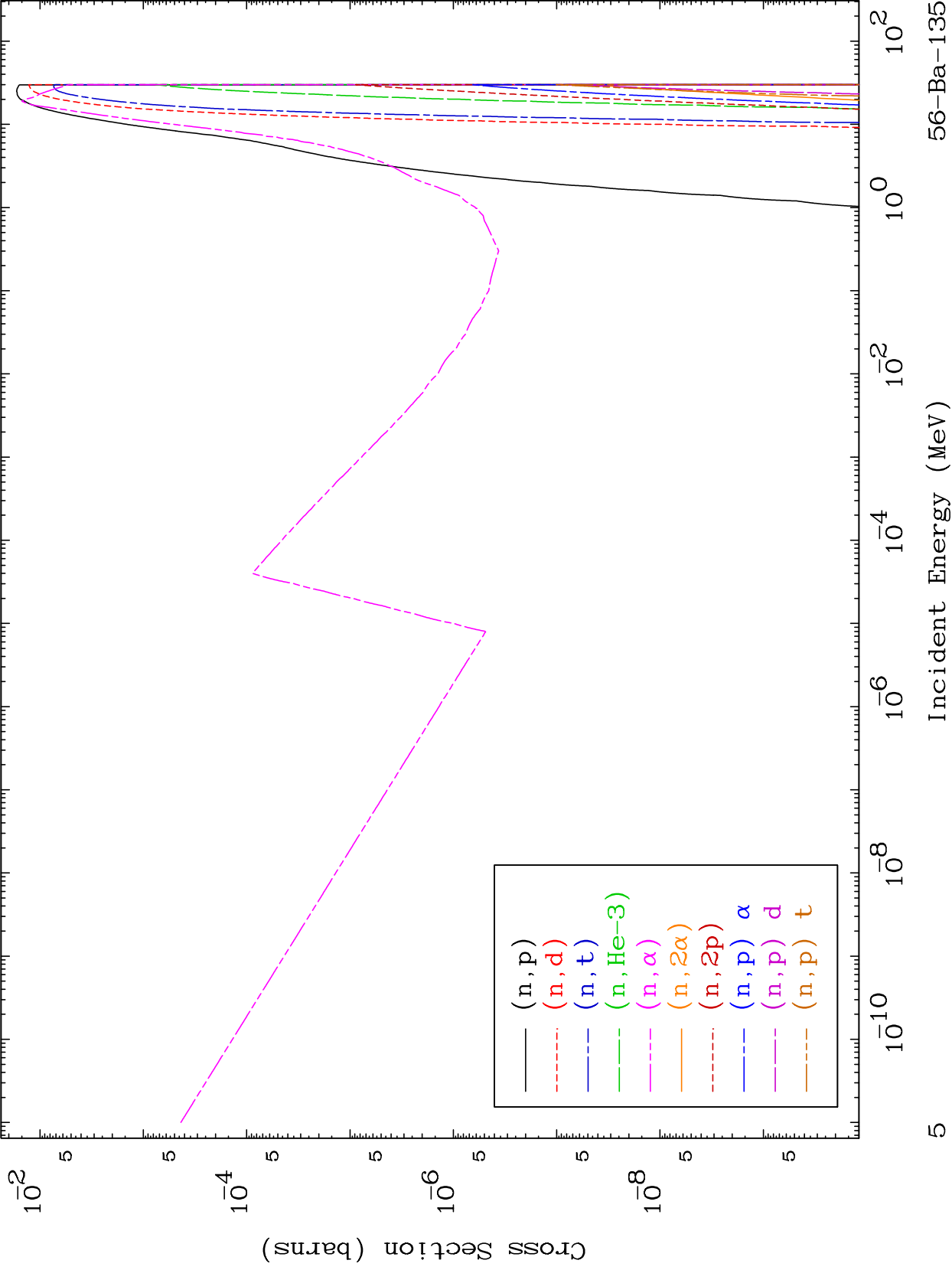
Incident Energy (MeV)

56-Ba-135

MAT 5640

Charged Particle
293 Kelvin Cross Sections

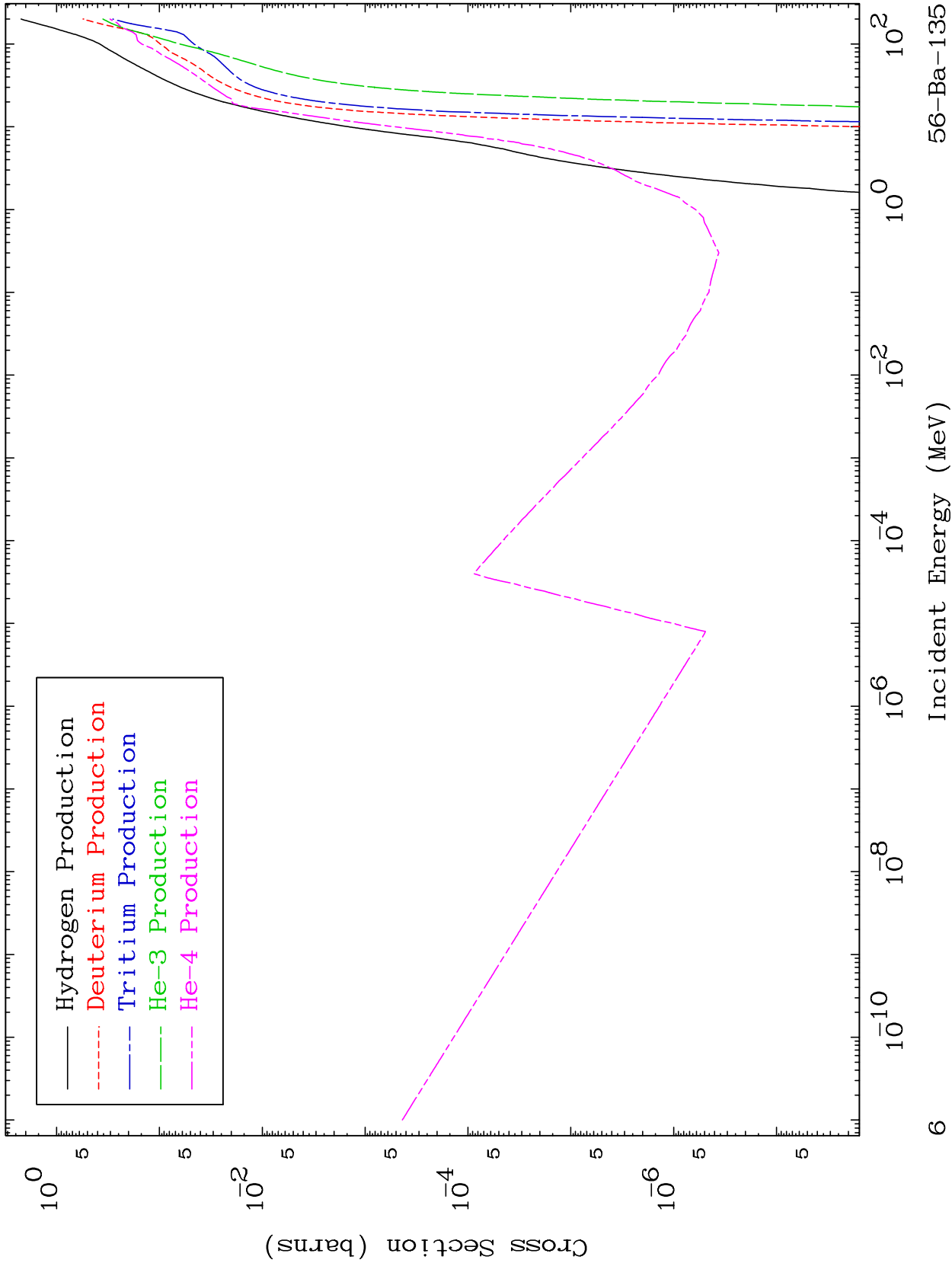
56-Ba-135



MAT 5640

Particle Production
293 Kelvin Cross Sections

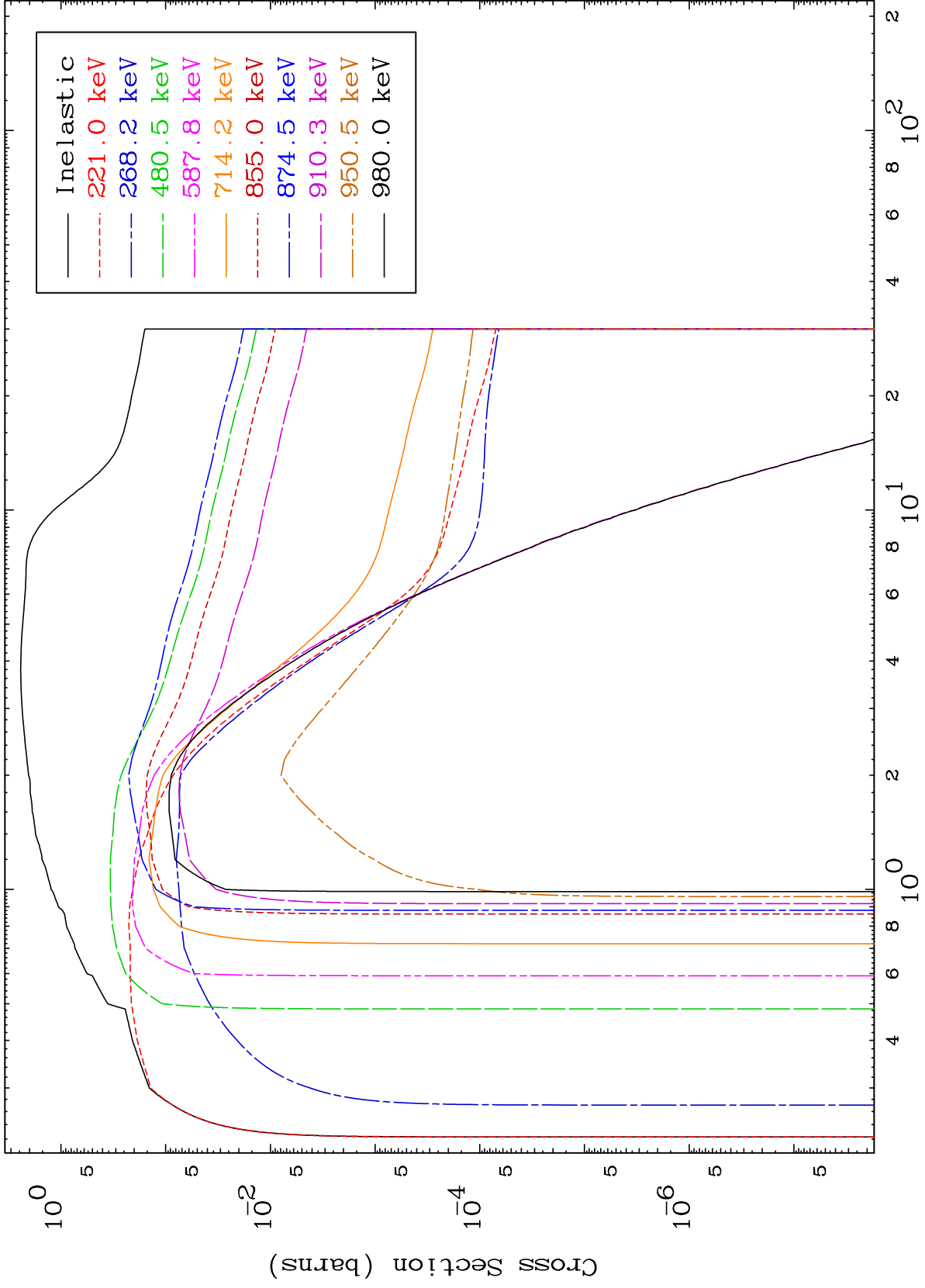
56-Ba-135



MAT 5640

(n,n') Level
293 Kelvin Cross Sections

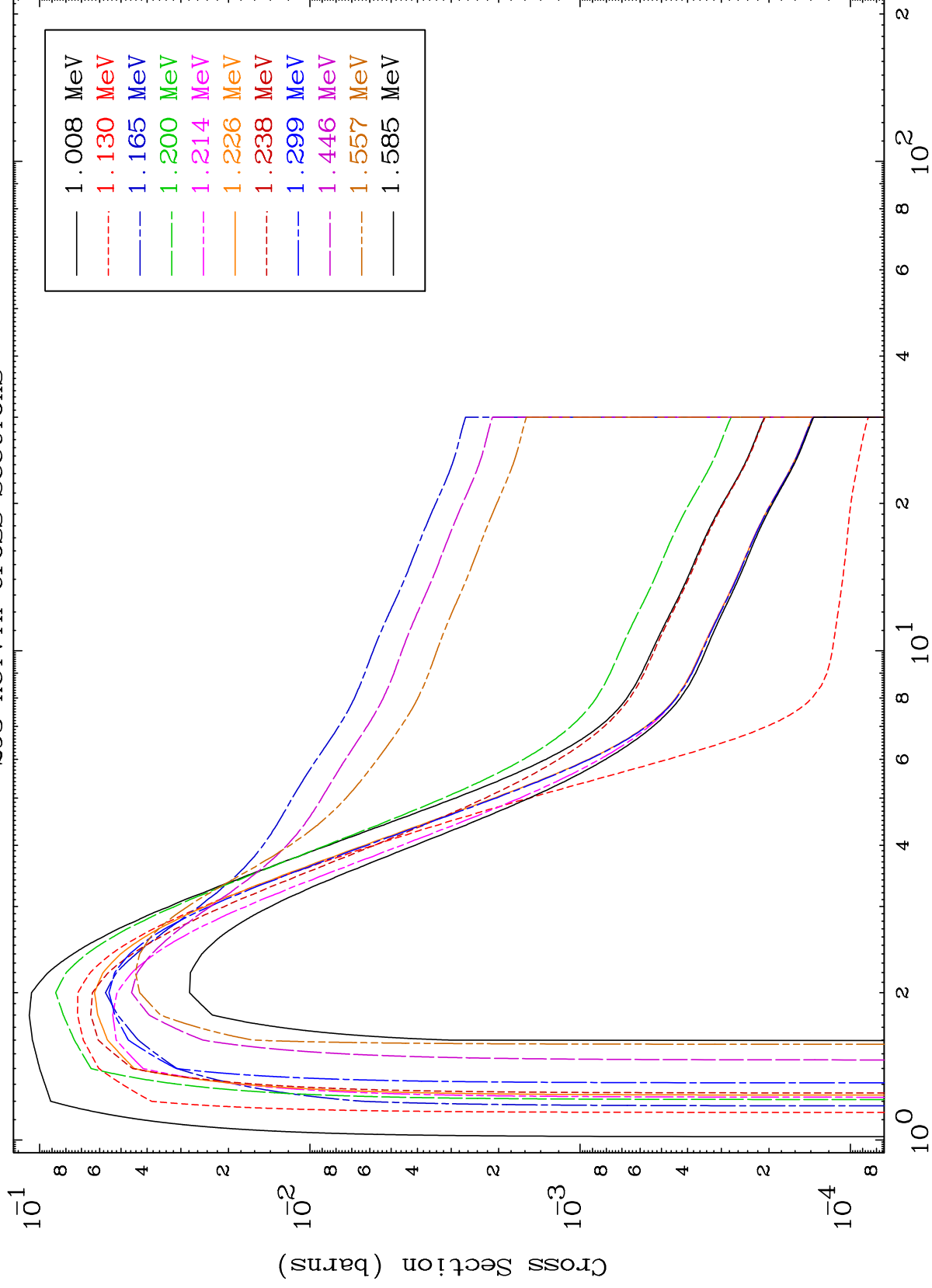
56-Ba-135



MAT 5640

(n,n') Level
293 Kelvin Cross Sections

56-Ba-135



Incident Energy (MeV)

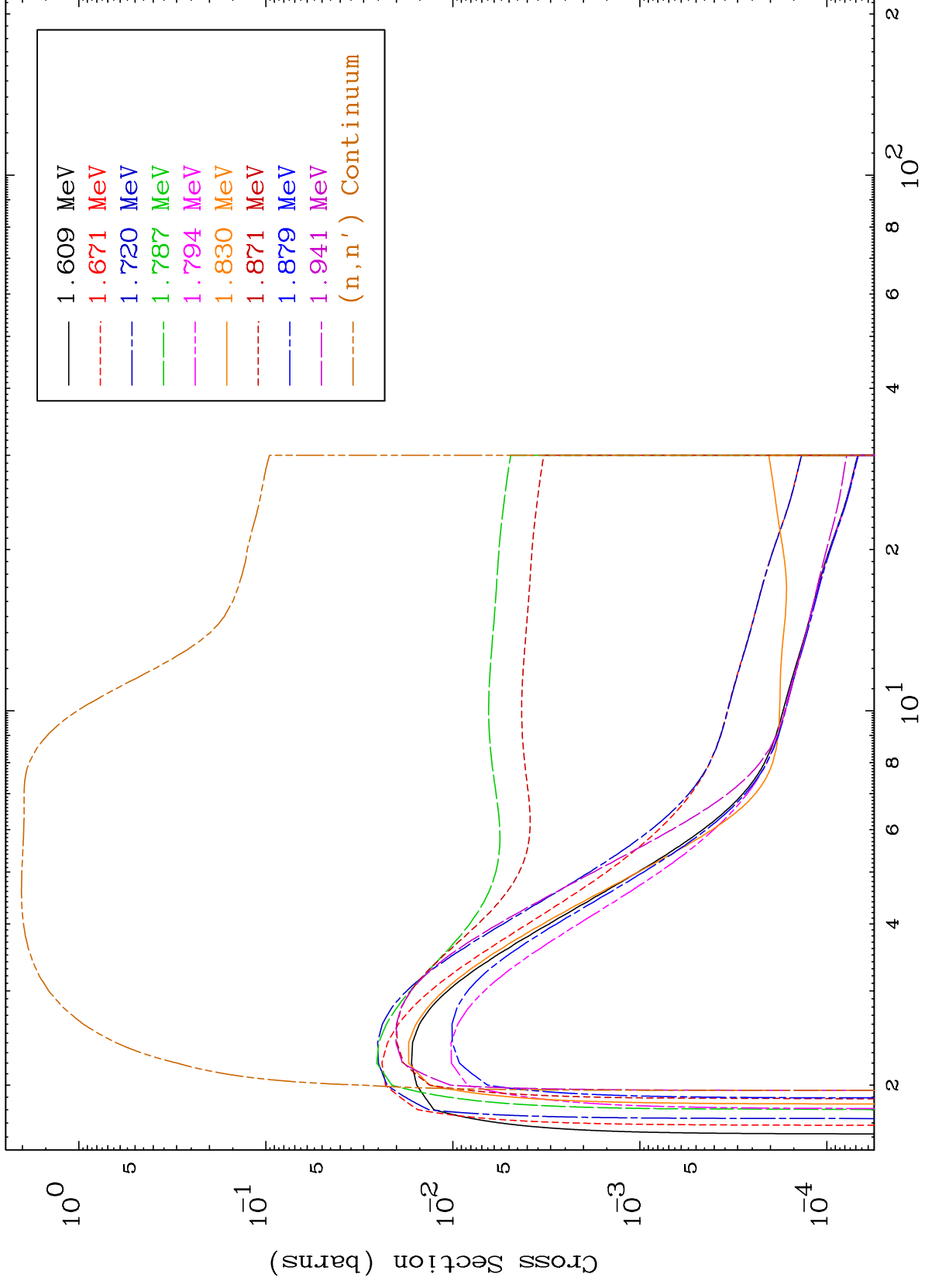
56-Ba-135

MAT 5640

(n,n') Level

56-Ba-135

293 Kelvin Cross Sections



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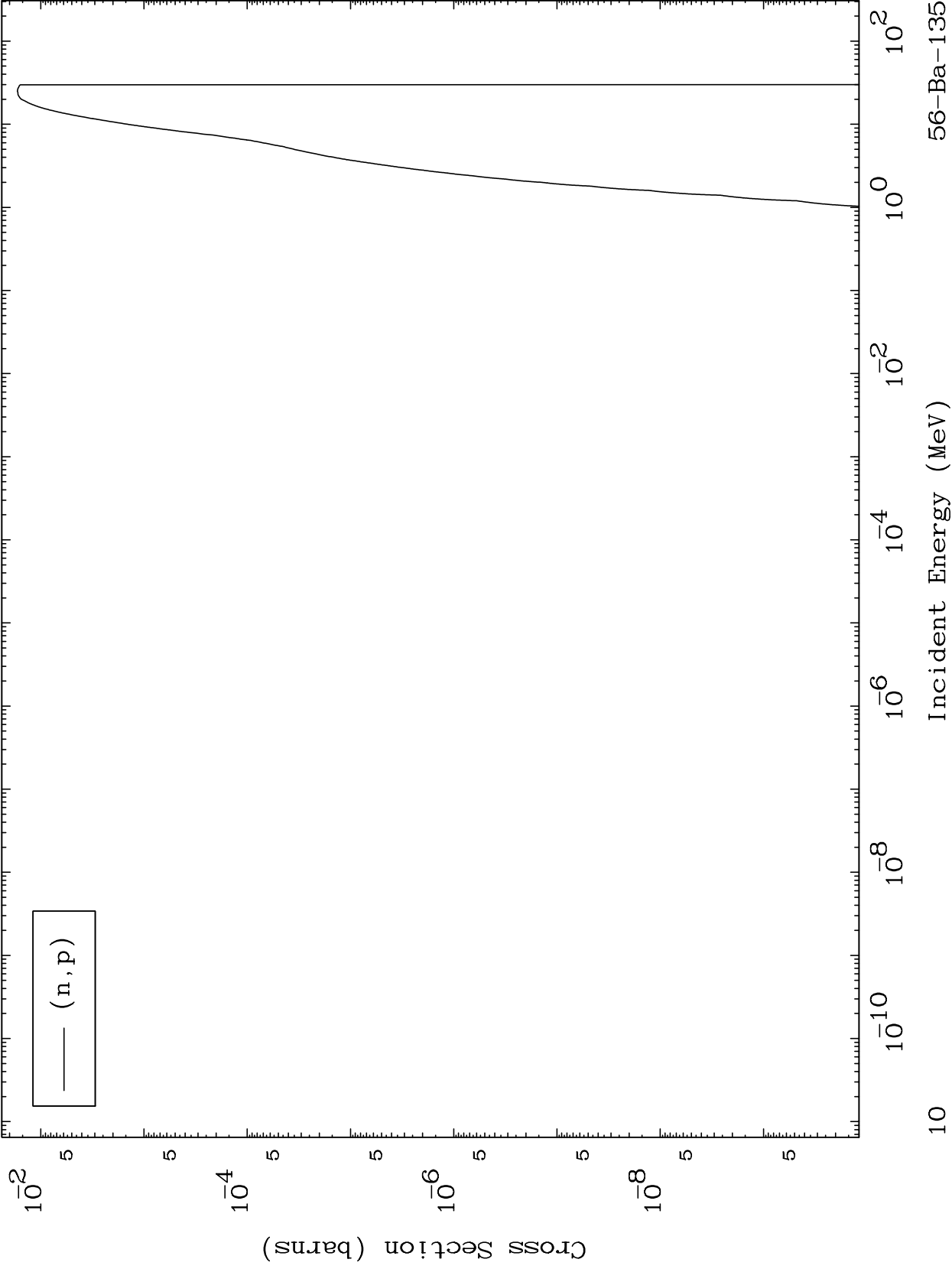
Incident Energy (MeV)

56-Ba-135

MAT 5640

(n,p) Levels
293 Kelvin Cross Sections

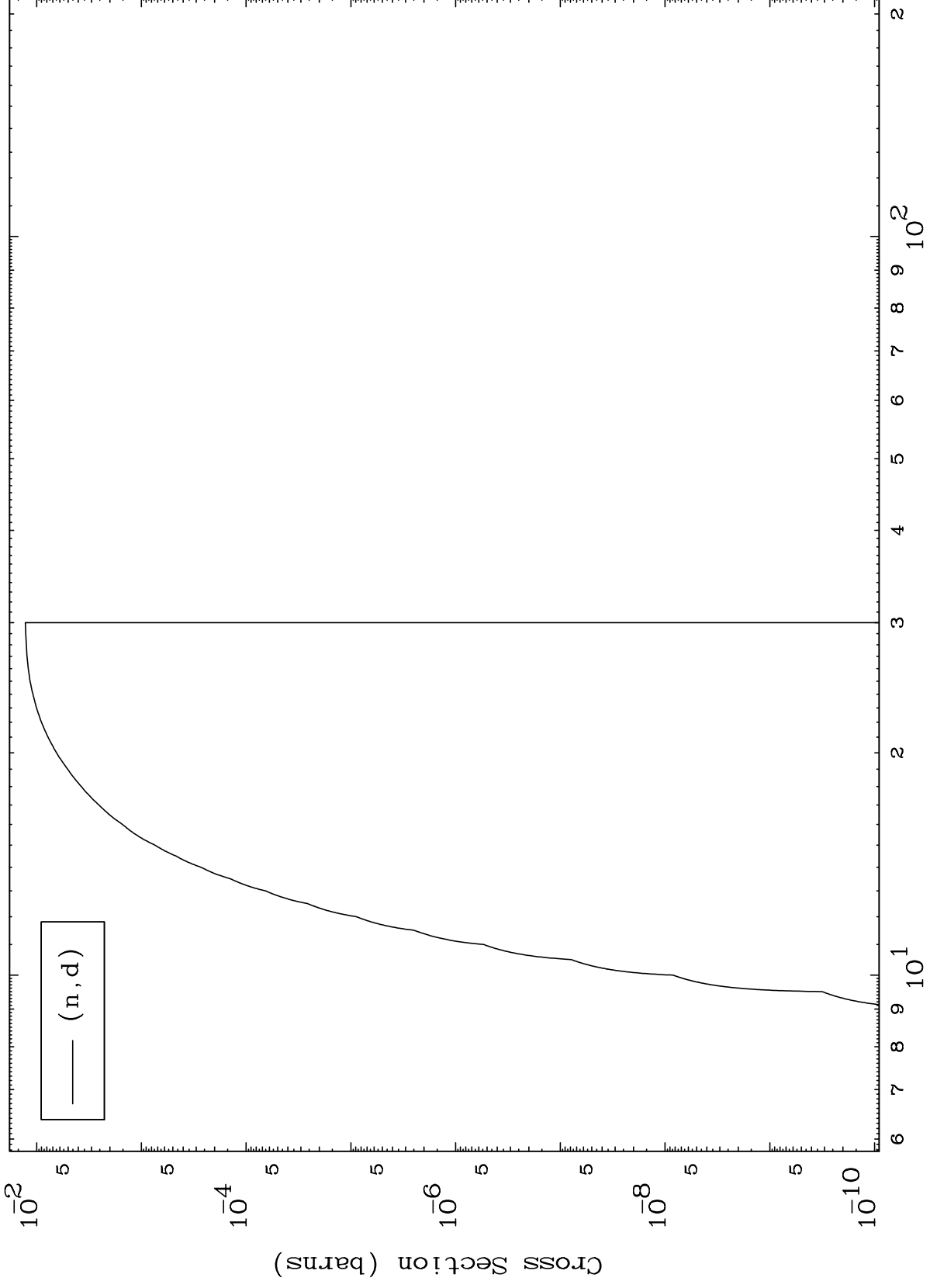
56-Ba-135



MAT 5640

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-135



11

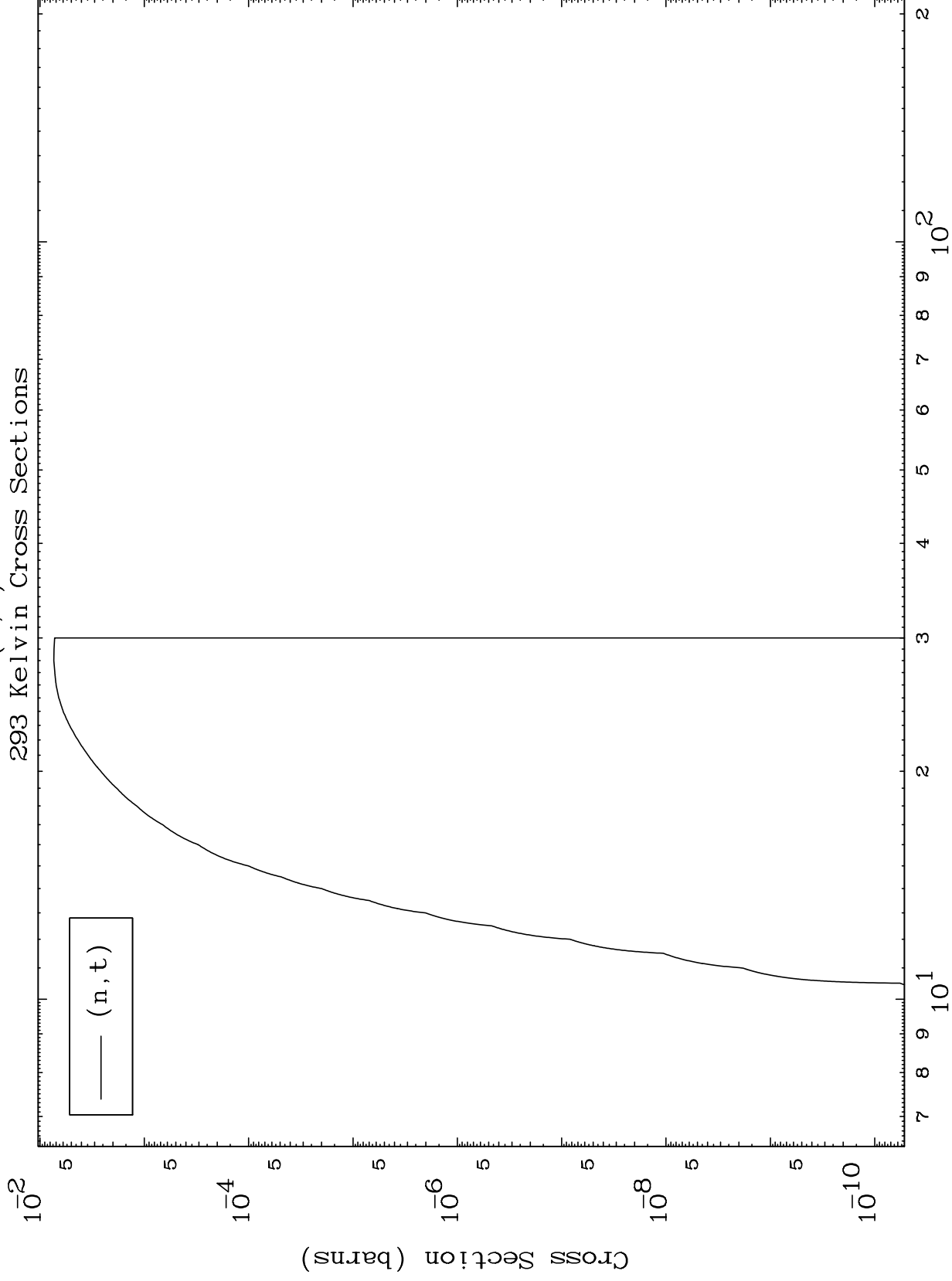
Incident Energy (MeV)

56-Ba-135

MAT 5640

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-135



12

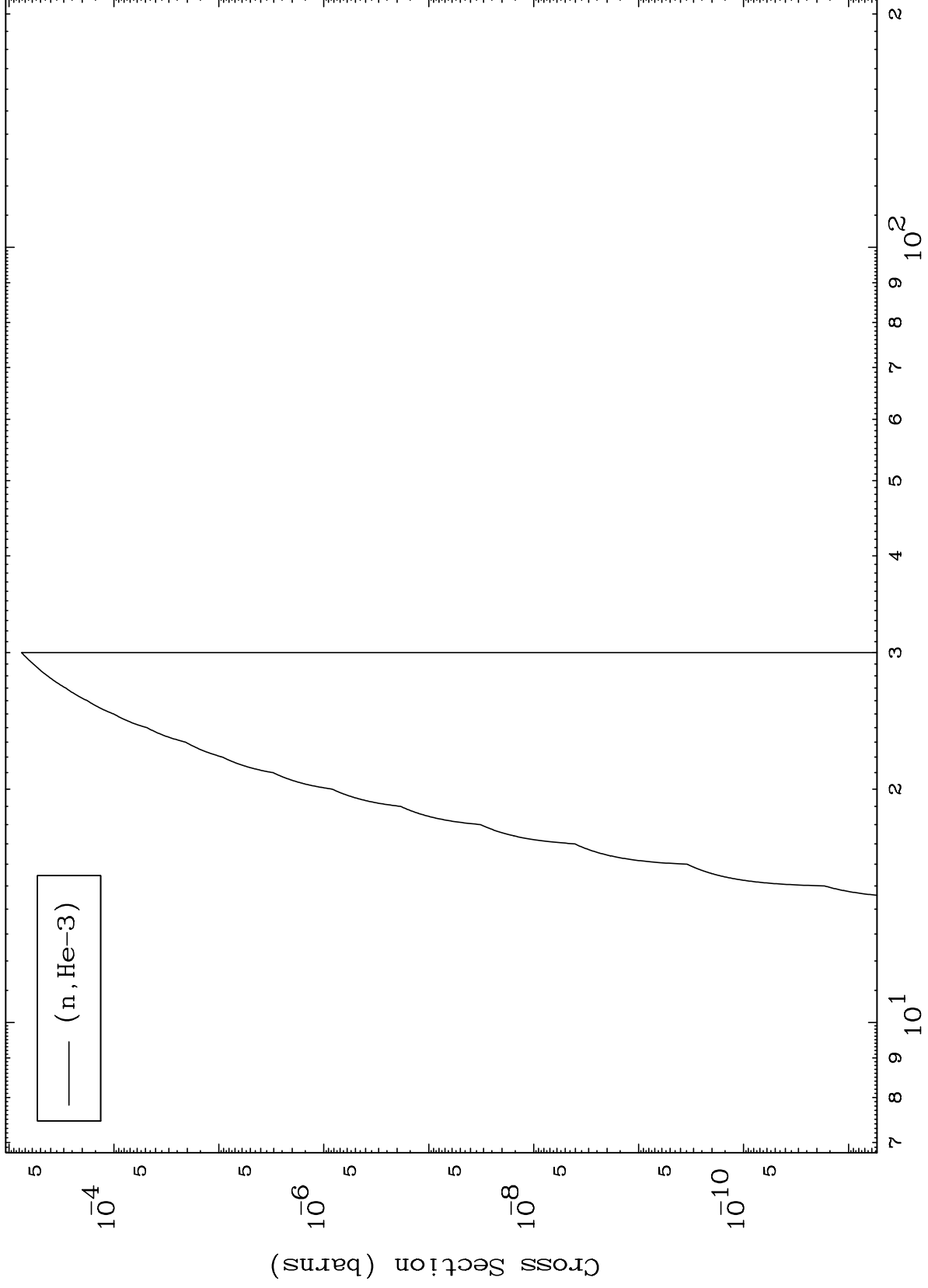
Incident Energy (MeV)

56-Ba-135

MAT 5640

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-135



13

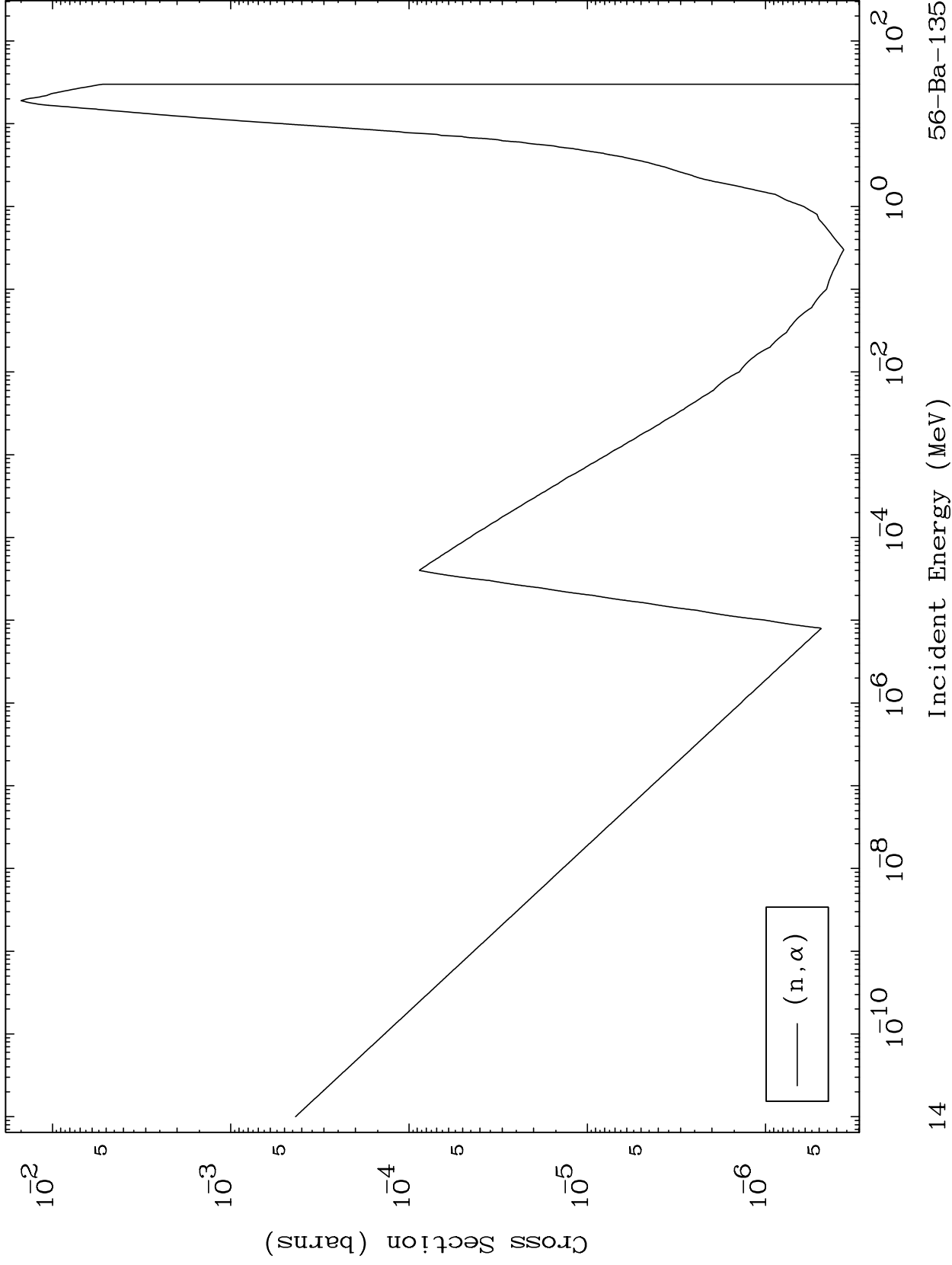
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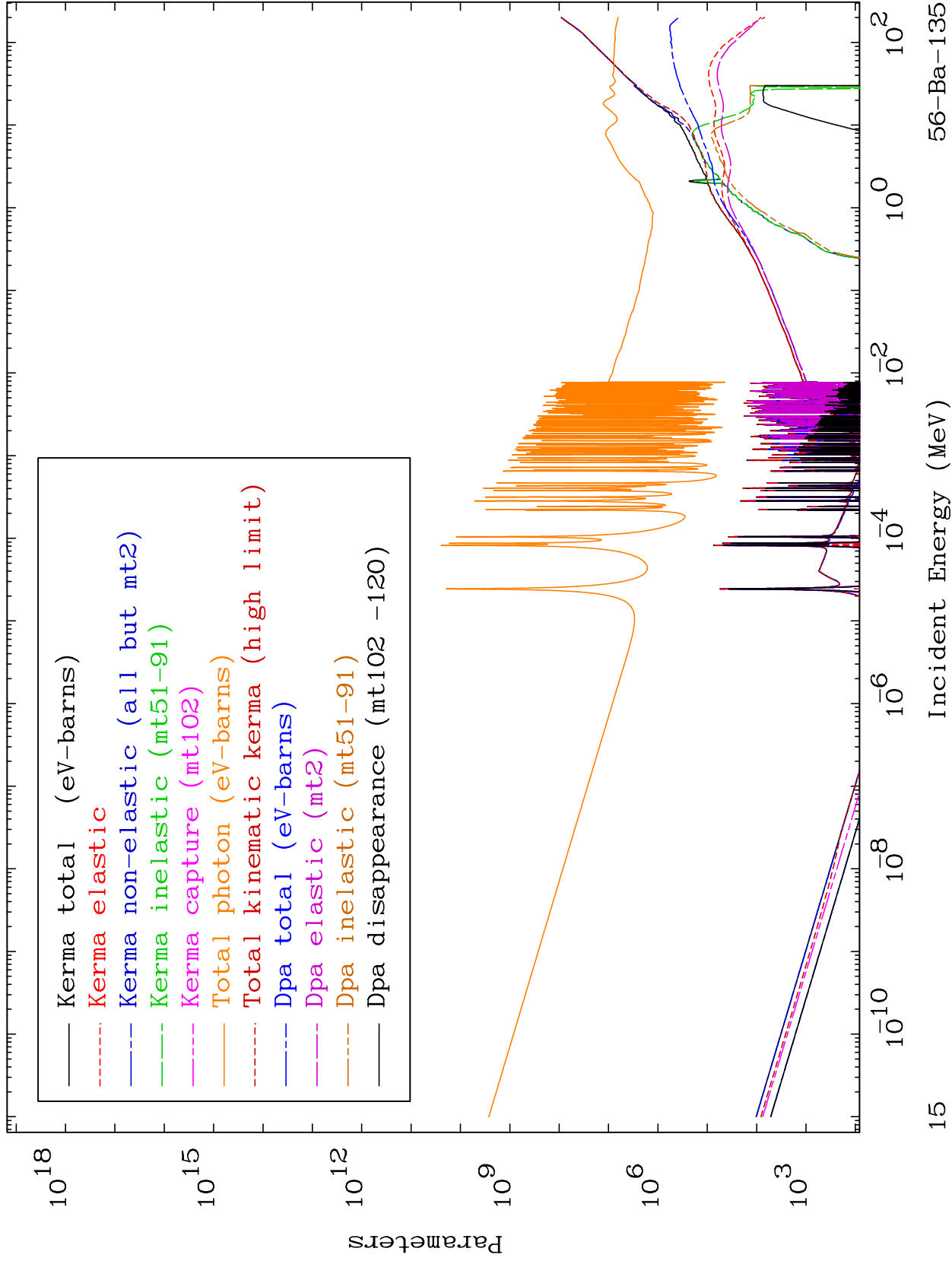
56-Ba-135

MAT 5640

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-135

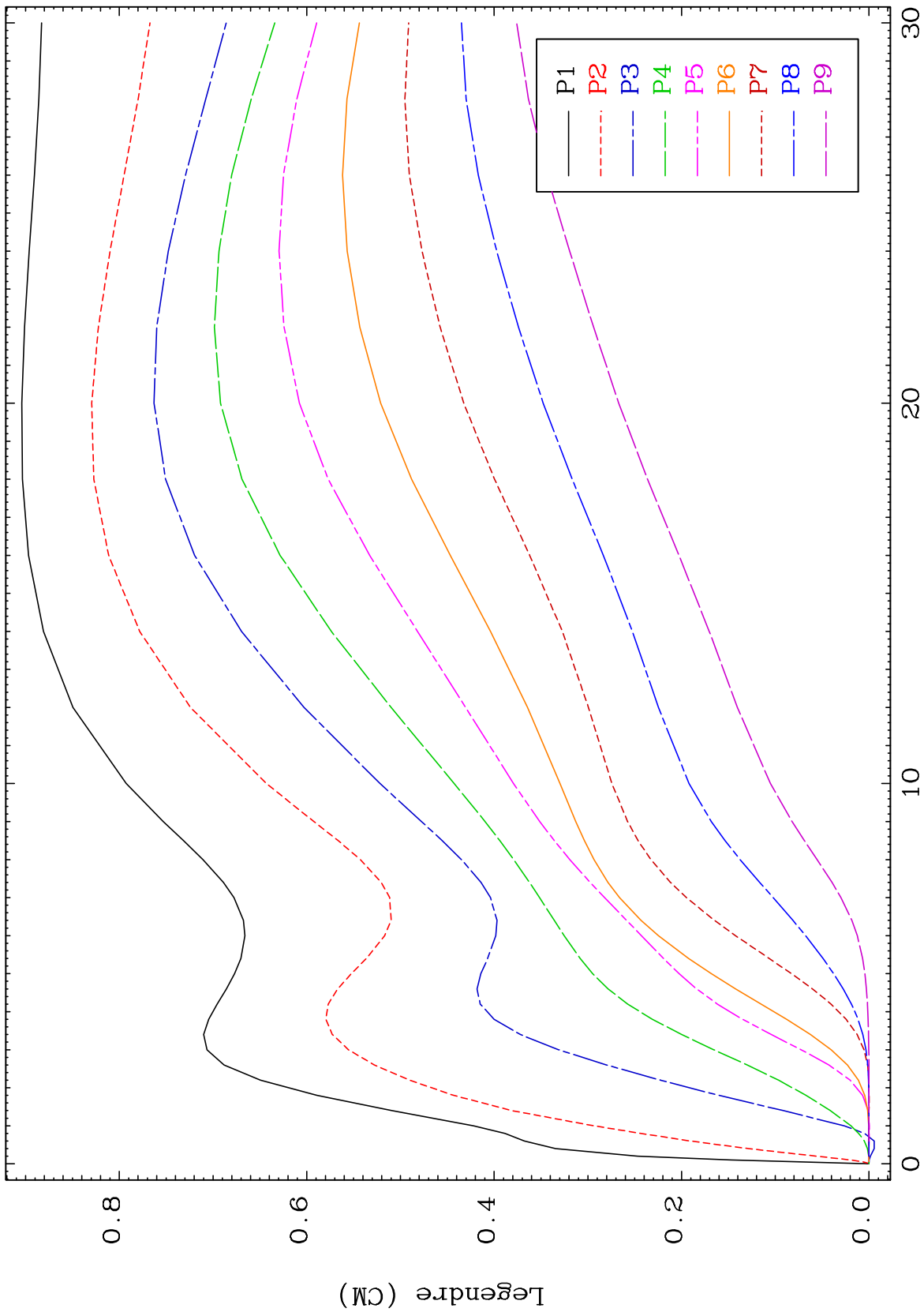




MAT 5640

Elastic Legendre Coefficients

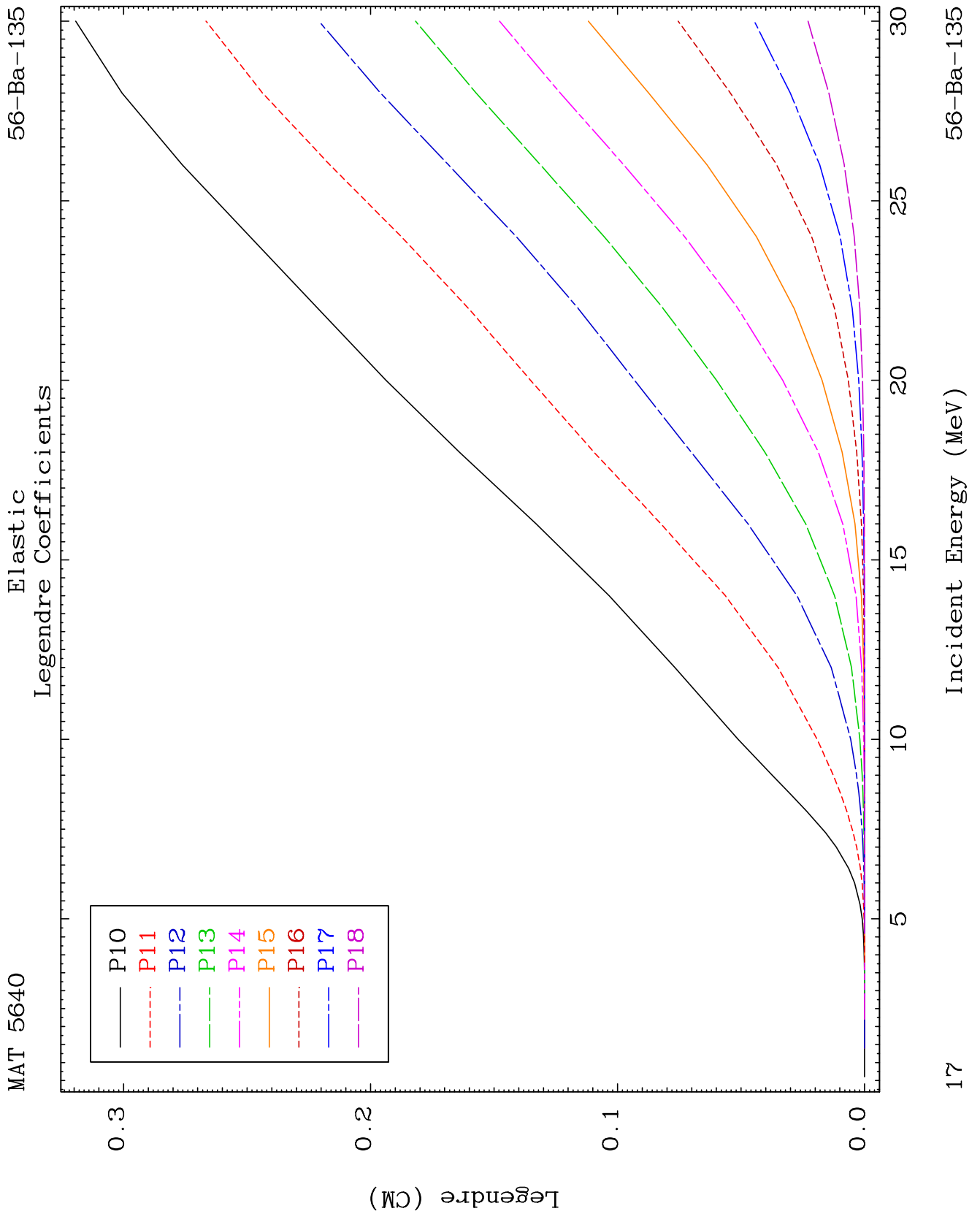
56-Ba-135



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Incident Energy (MeV)

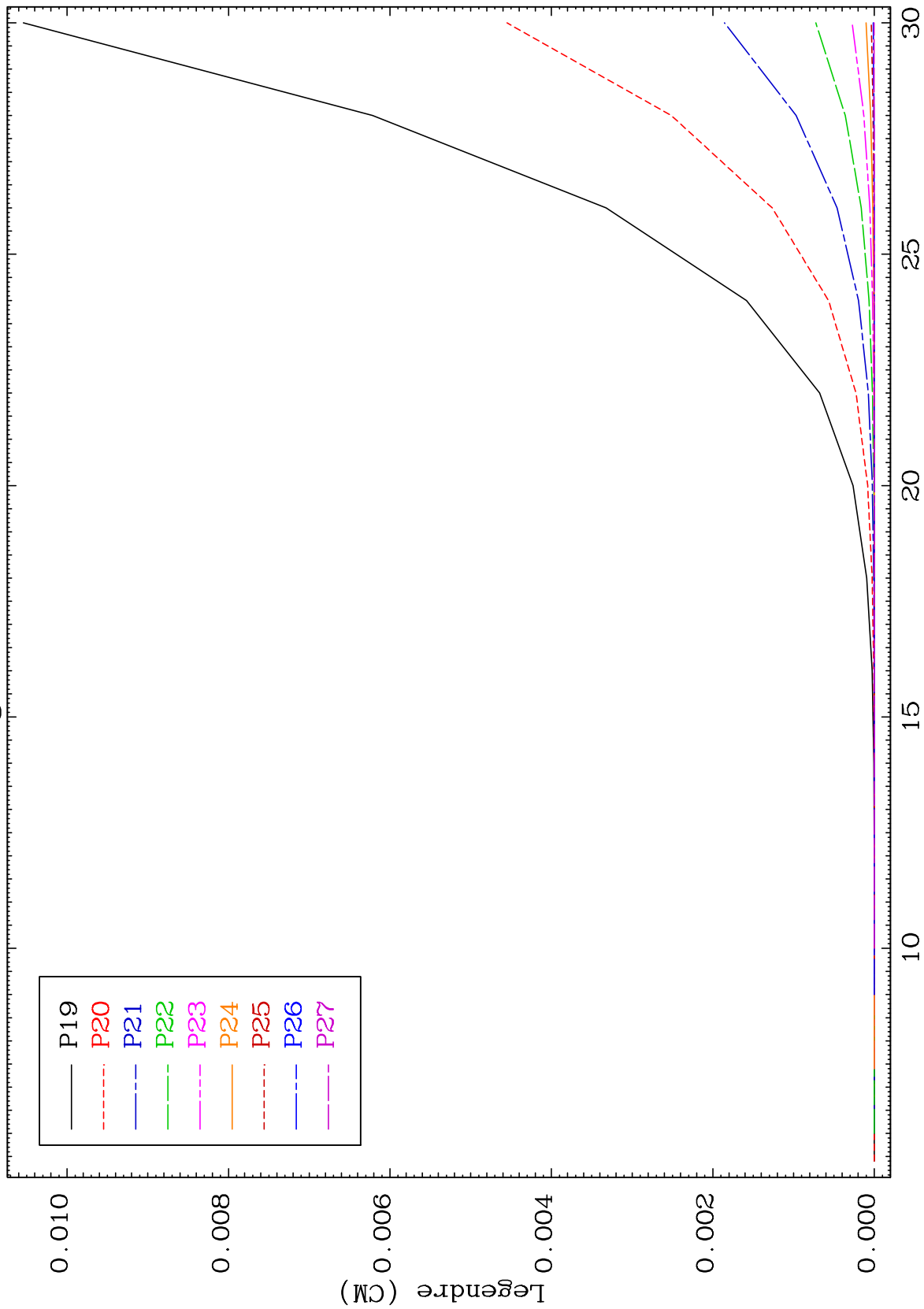
56-Ba-135



MAT 5640

Elastic
Legendre Coefficients

56-Ba-135



18

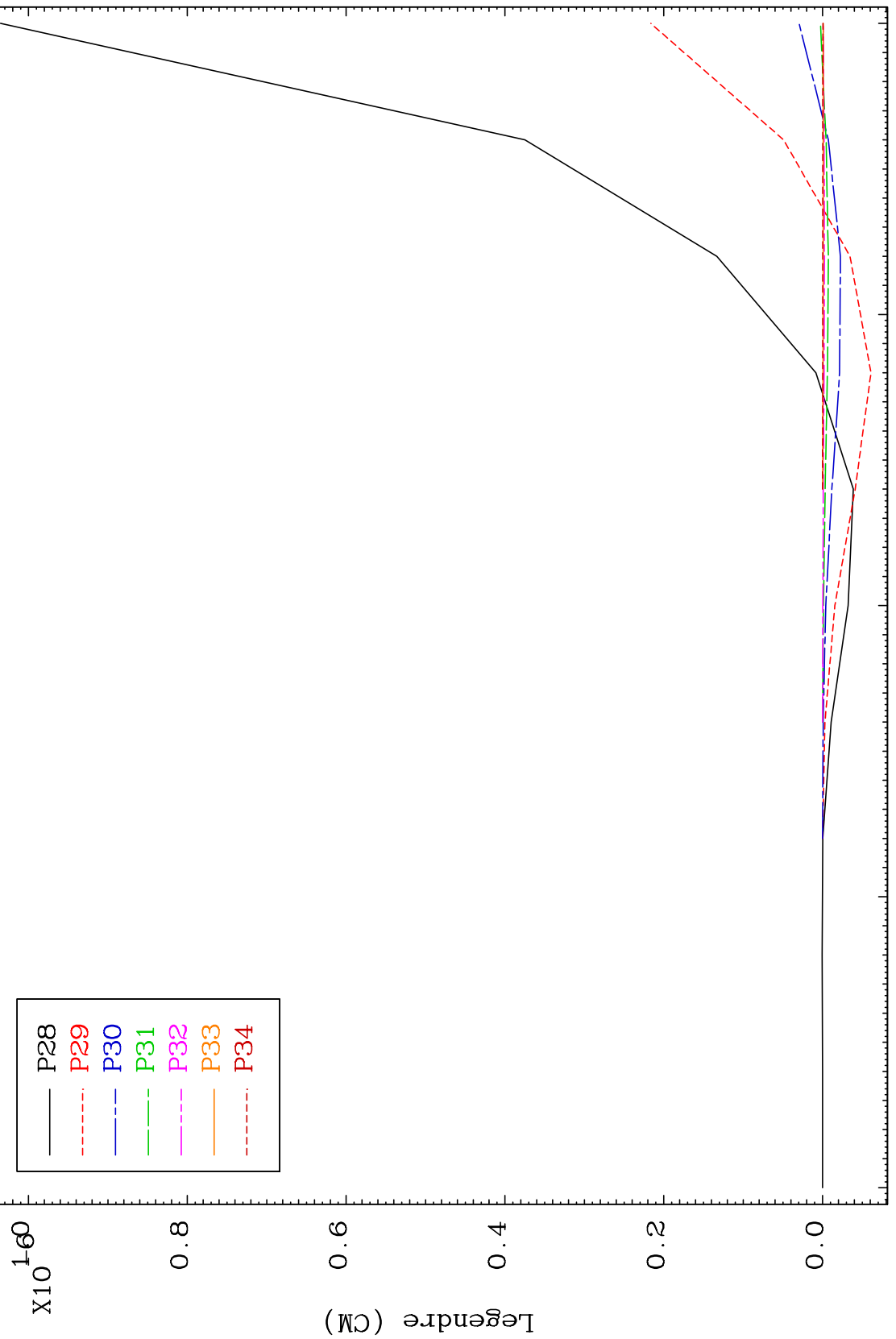
Incident Energy (MeV)

56-Ba-135

MAT 5640

Elastic Legendre Coefficients

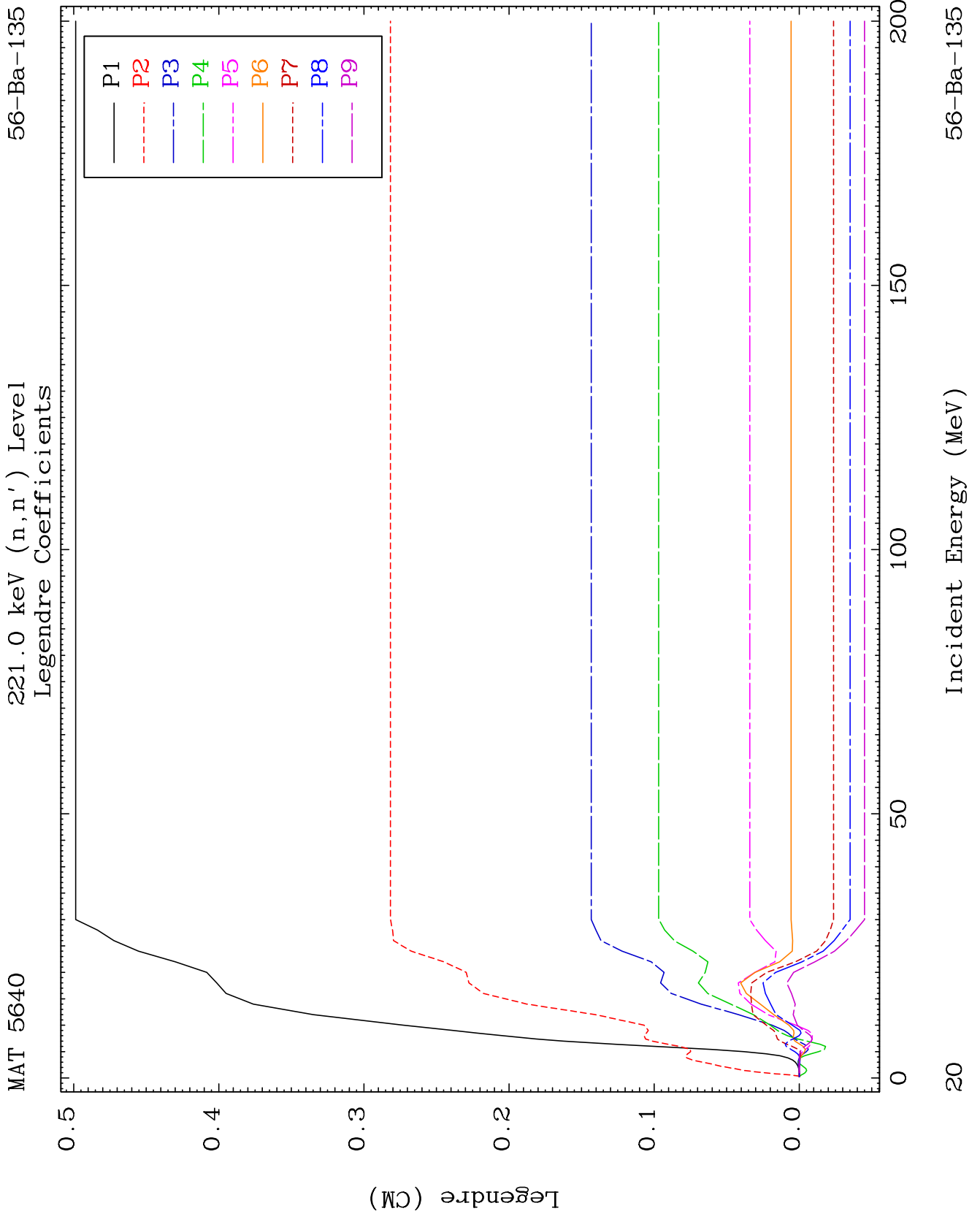
56-Ba-135



19

Incident Energy (MeV)

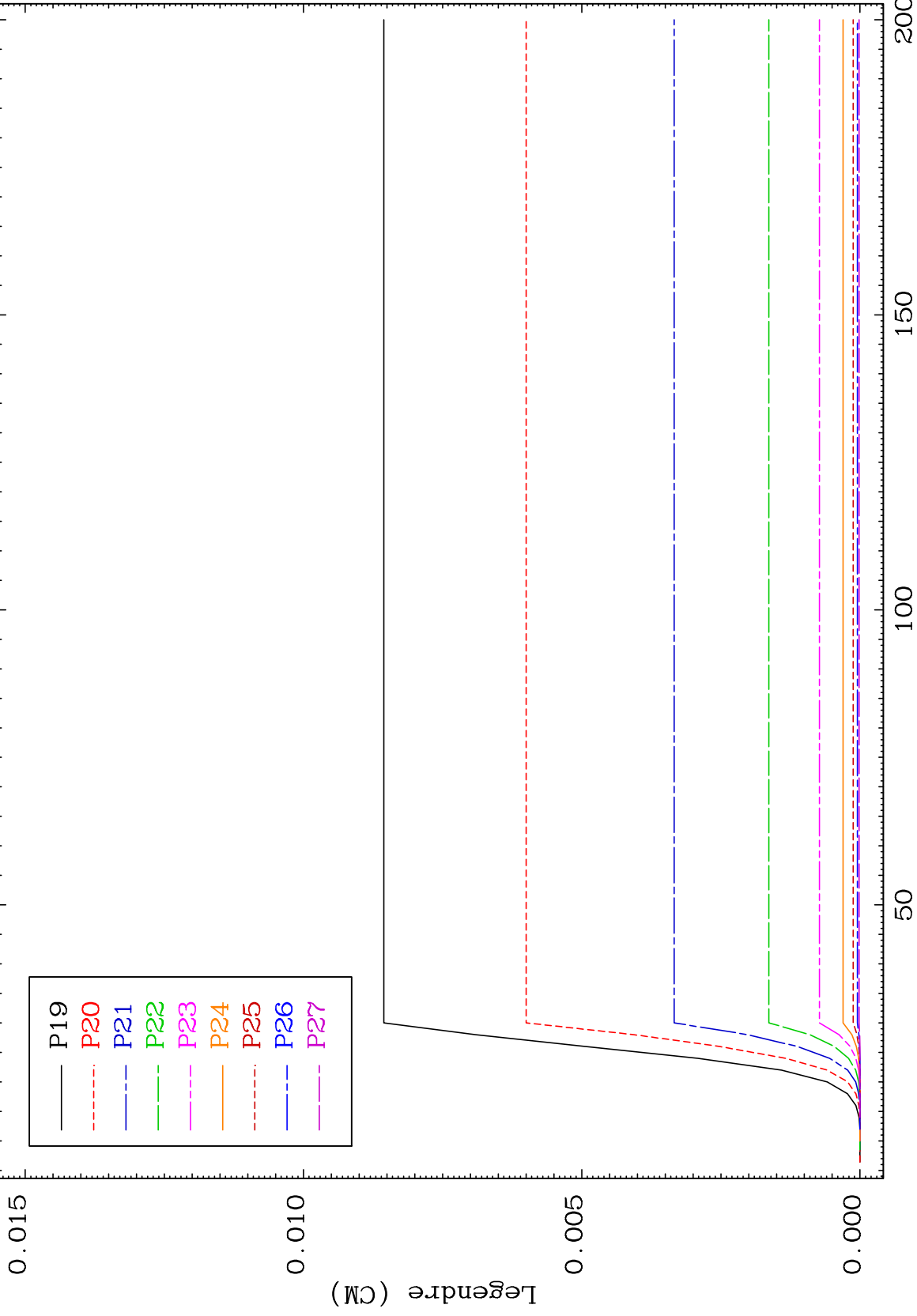
56-Ba-135



MAT 5640

221.0 keV (n,n') Level
Legendre Coefficients

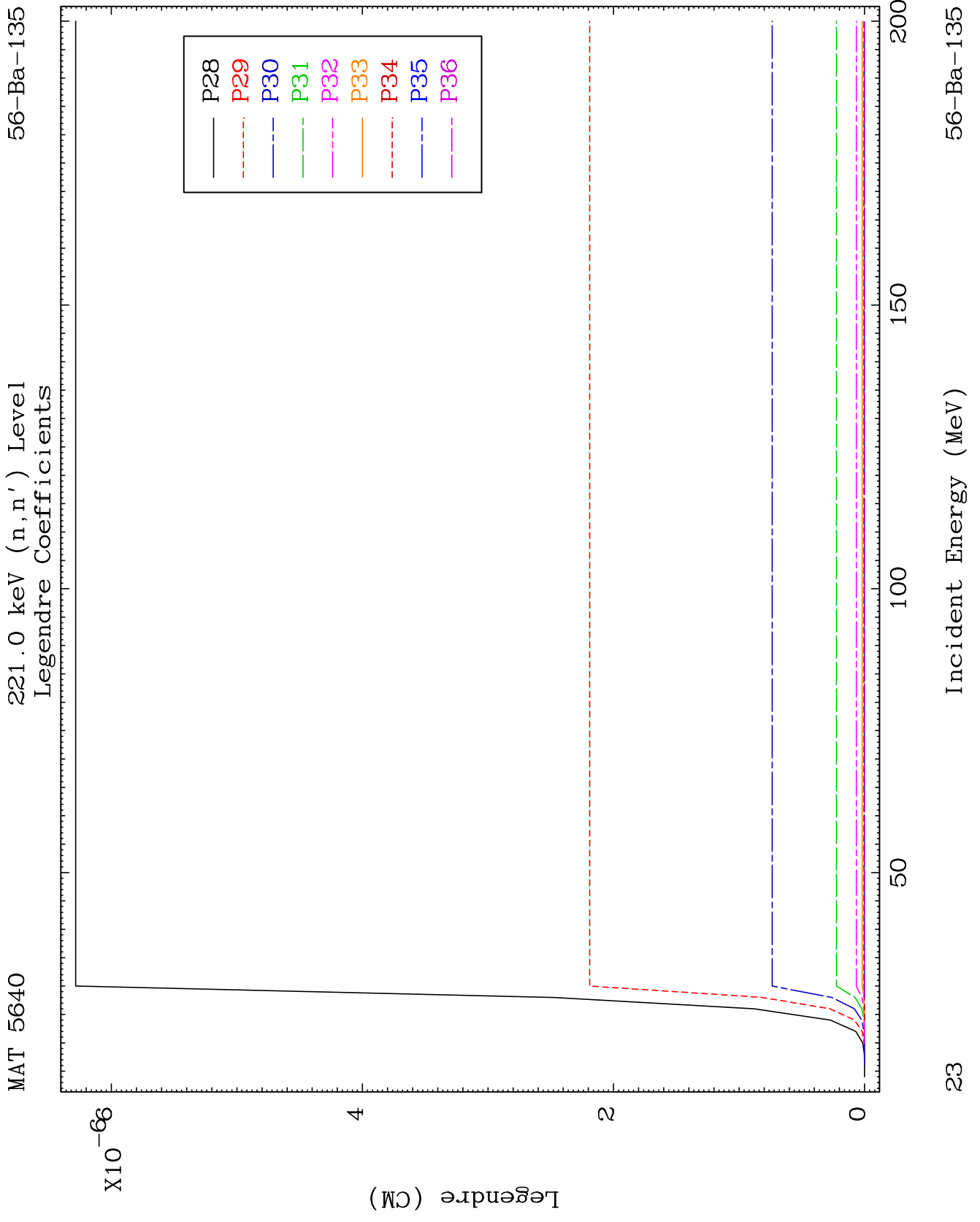
56-Ba-135

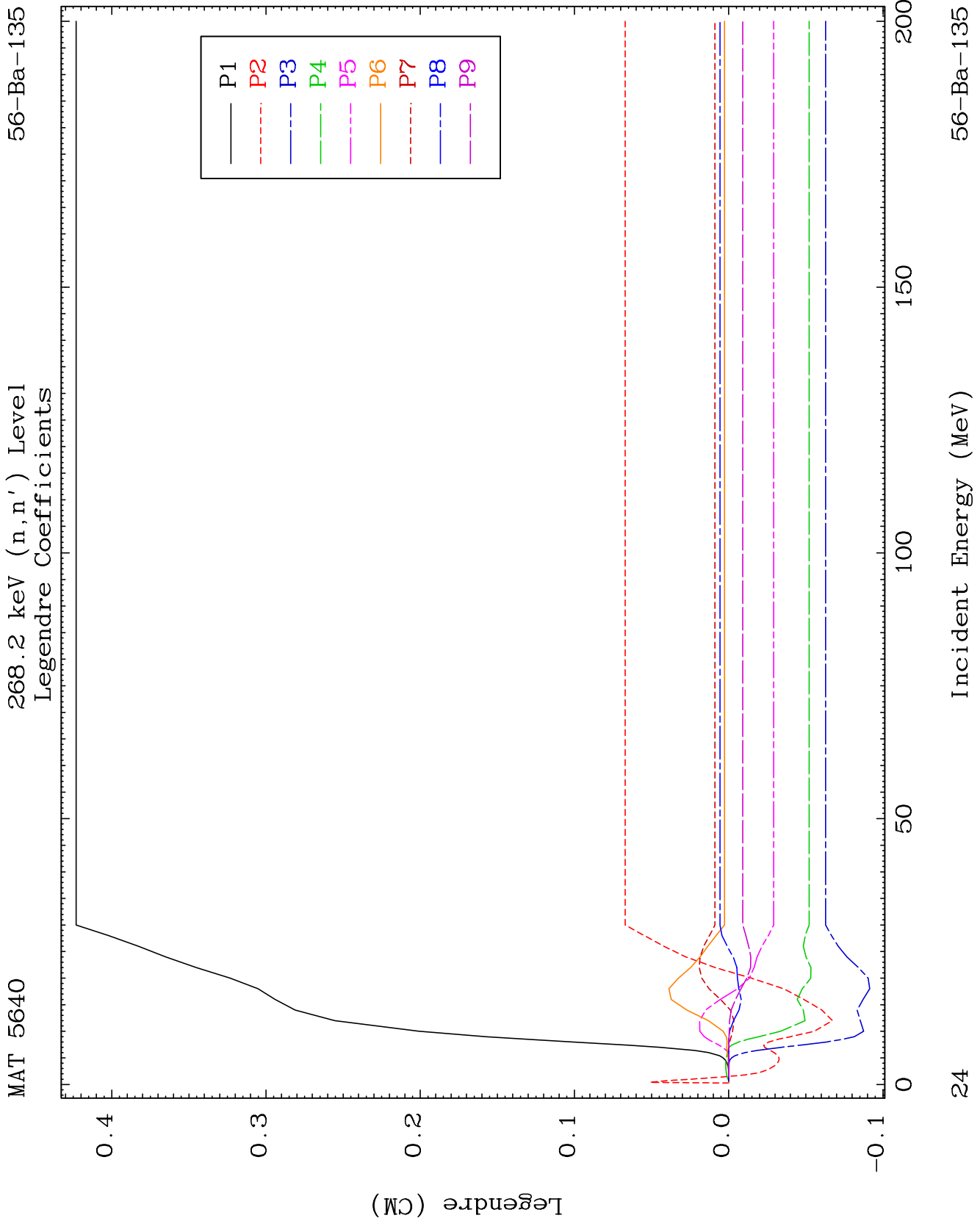


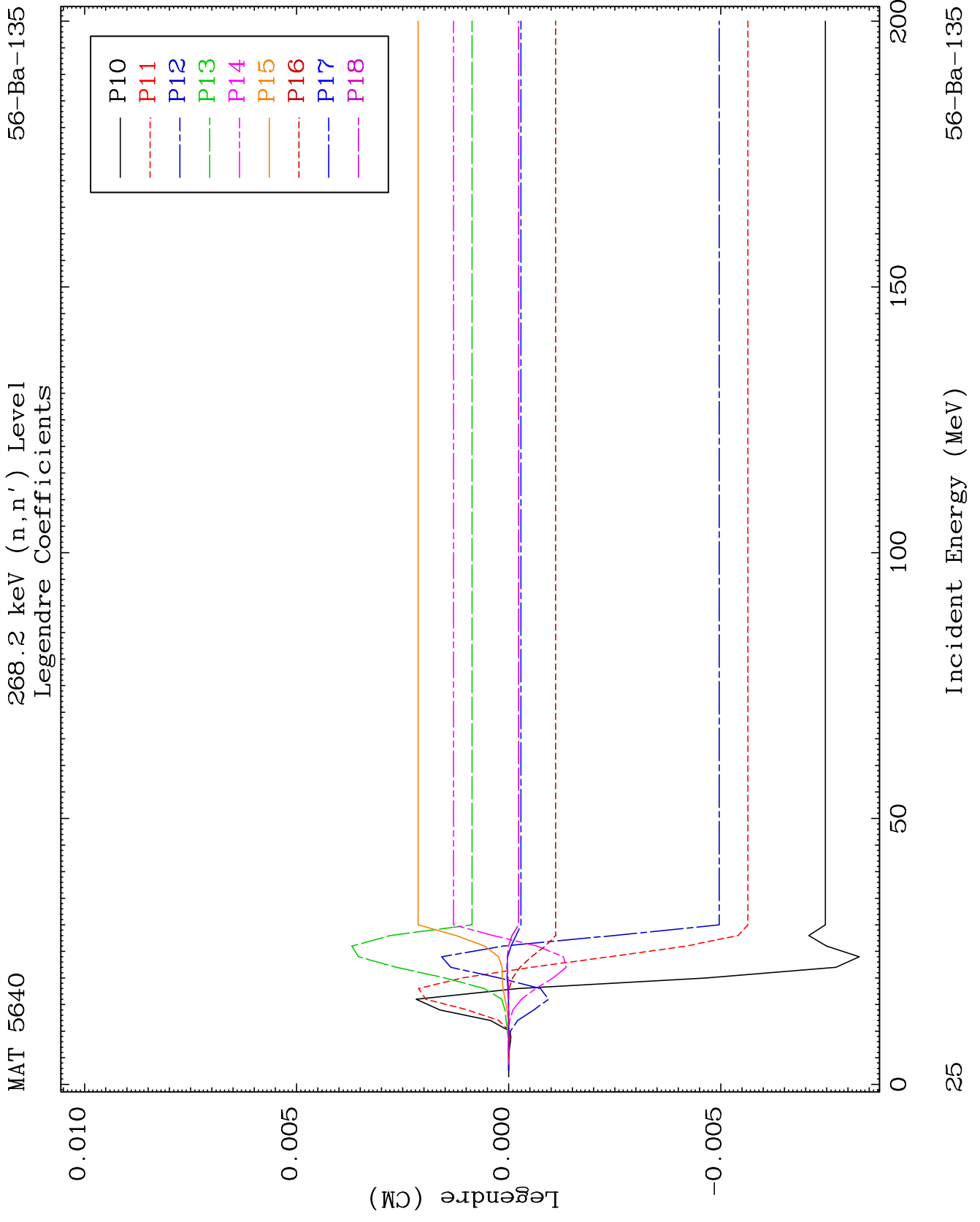
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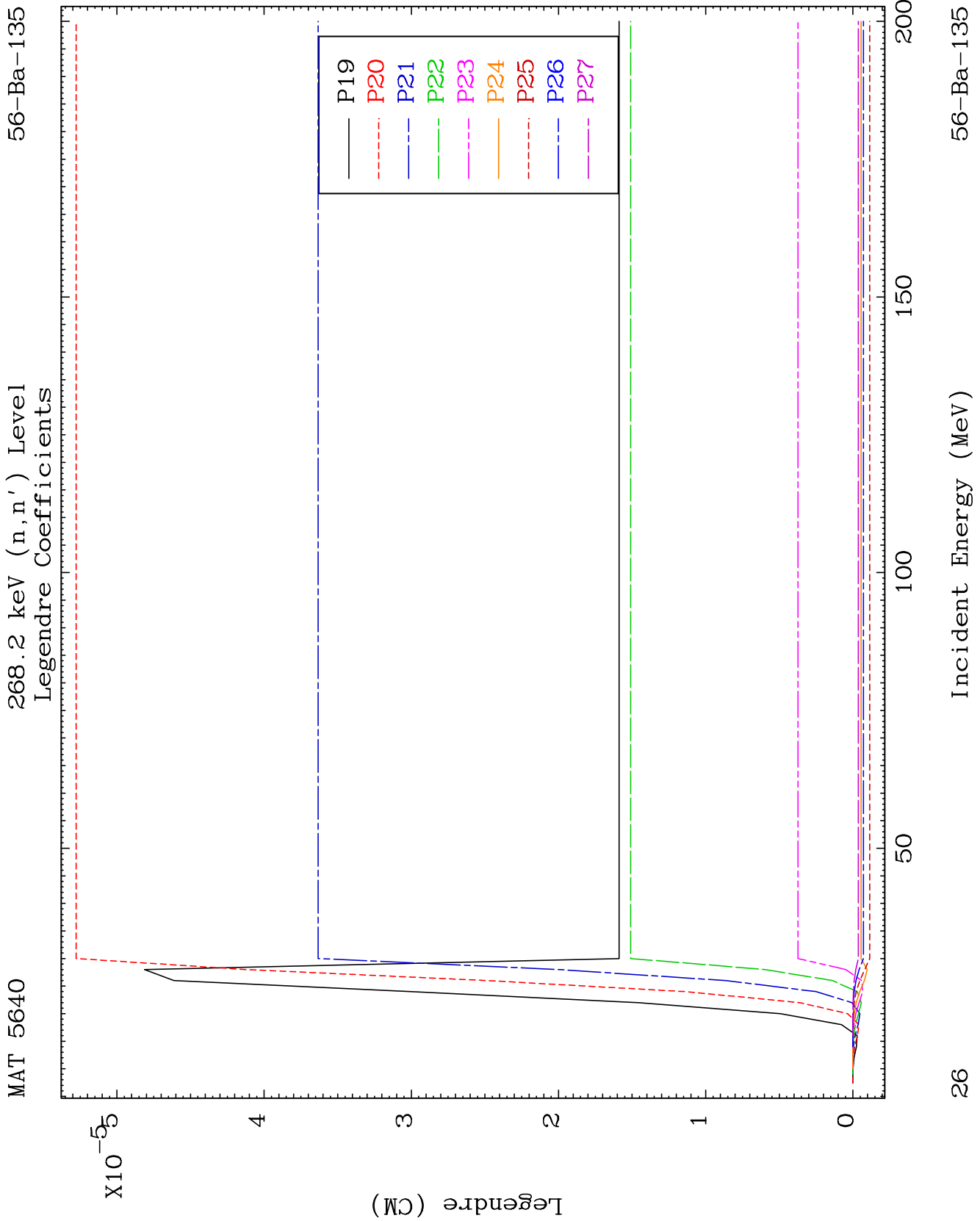
Incident Energy (MeV)

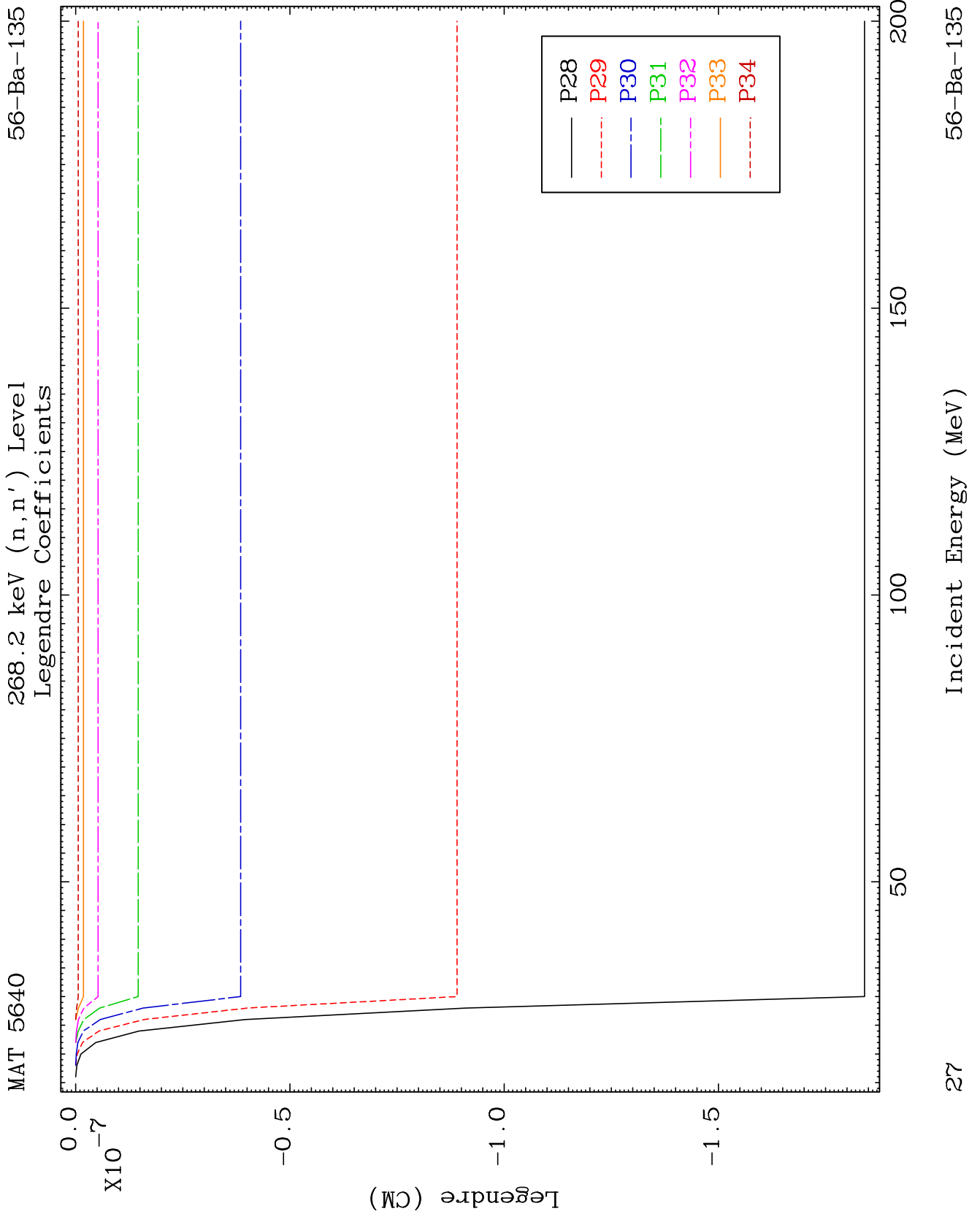
56-Ba-135

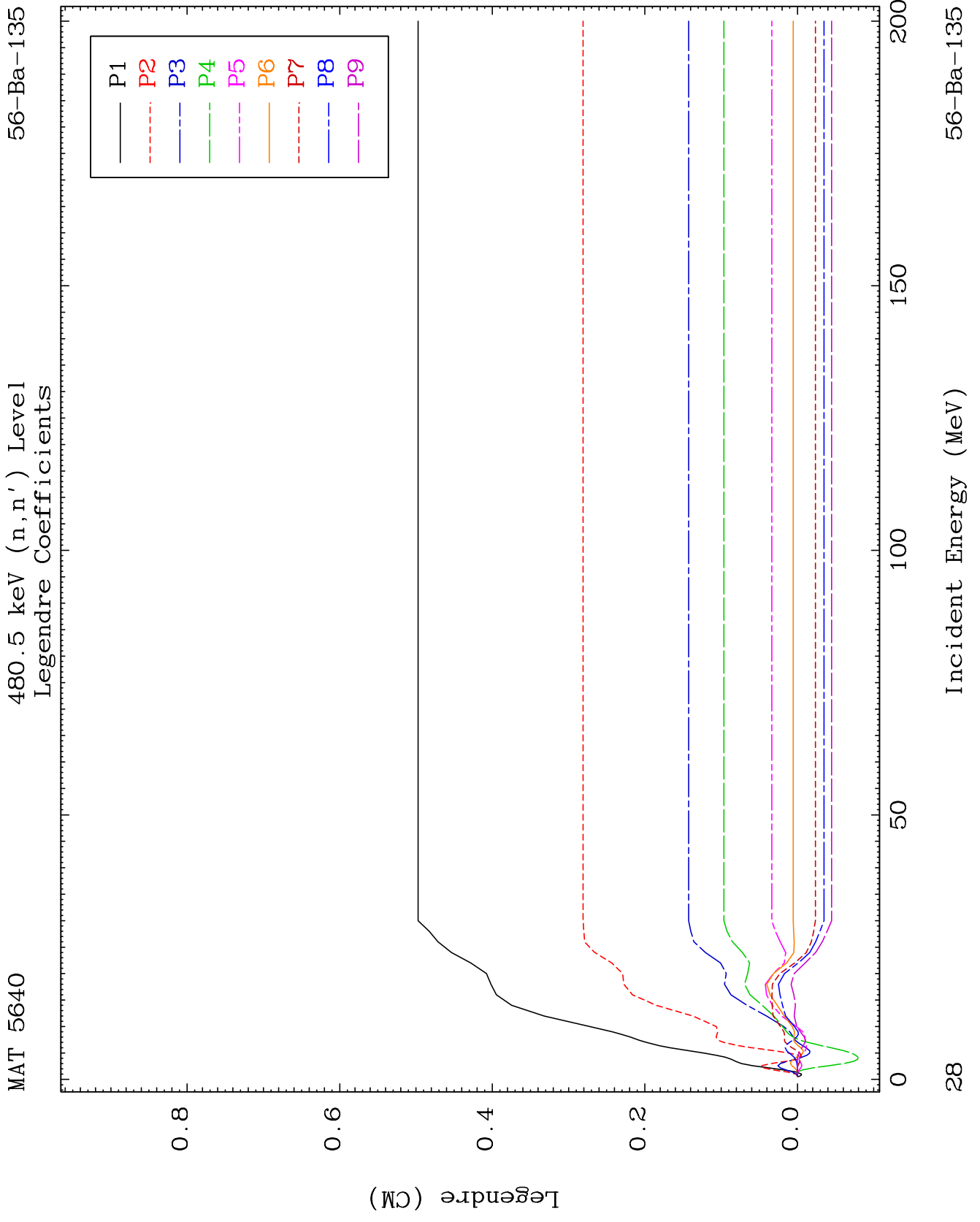


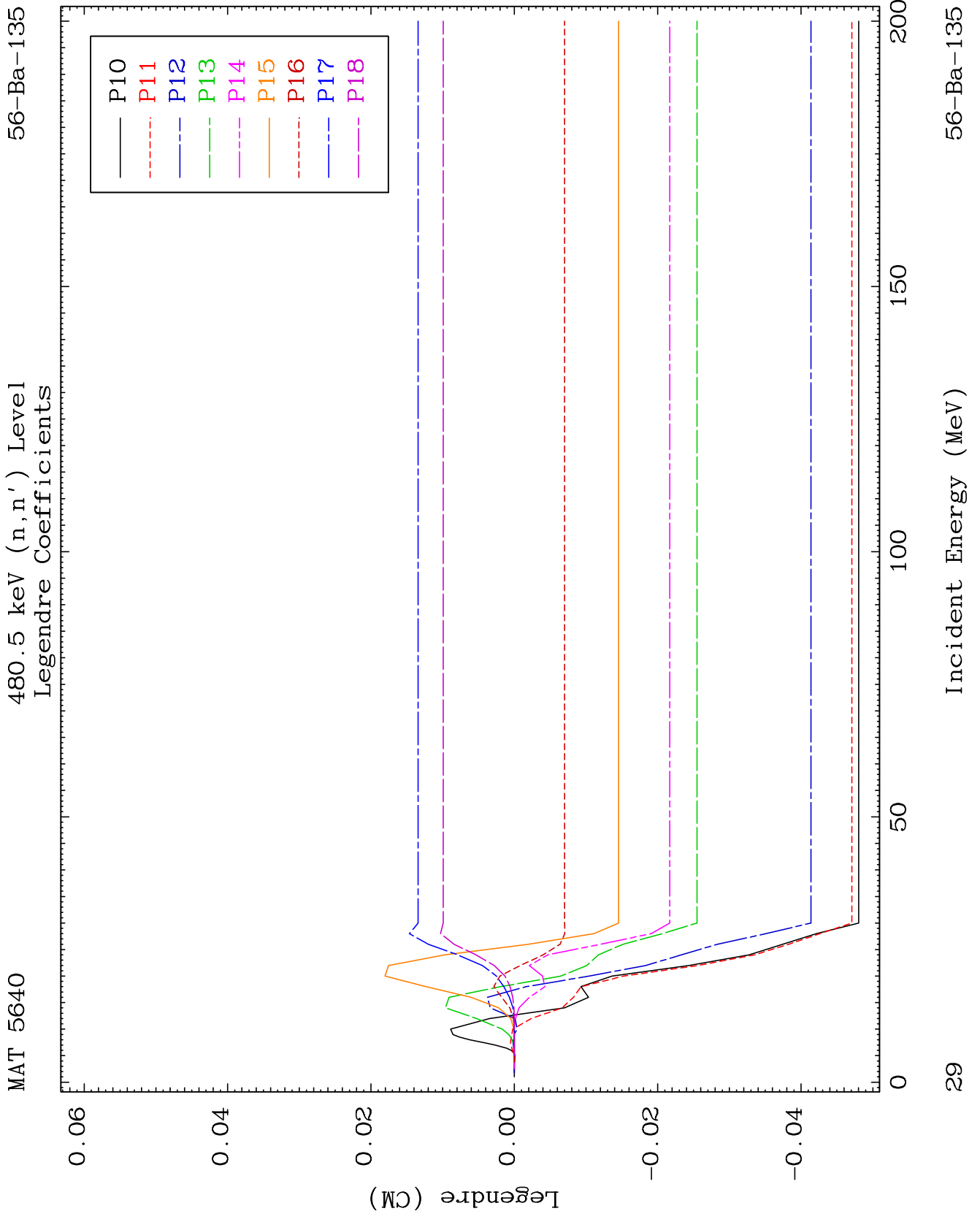








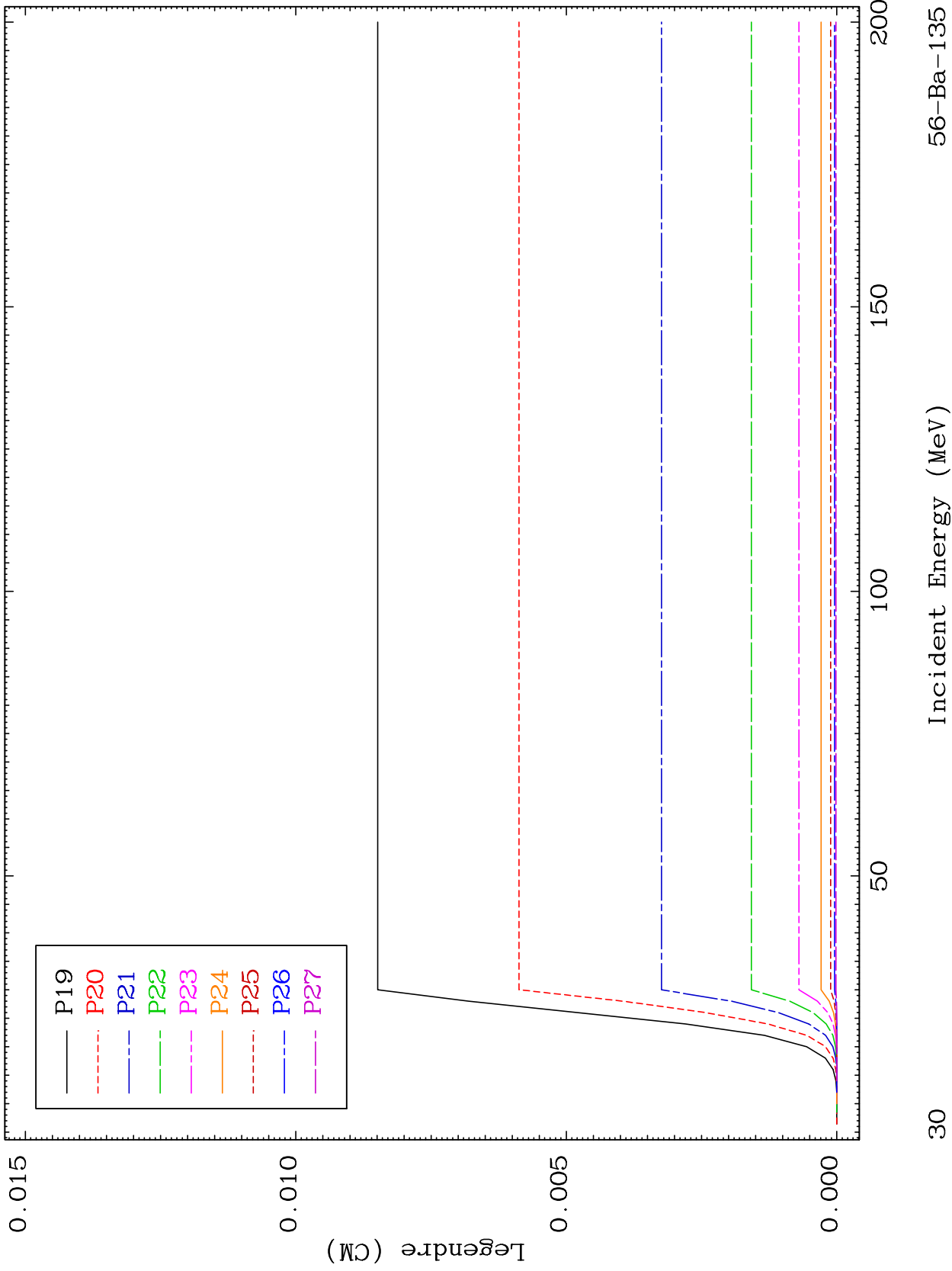




MAT 5640

480.5 keV (n,n') Level
Legendre Coefficients

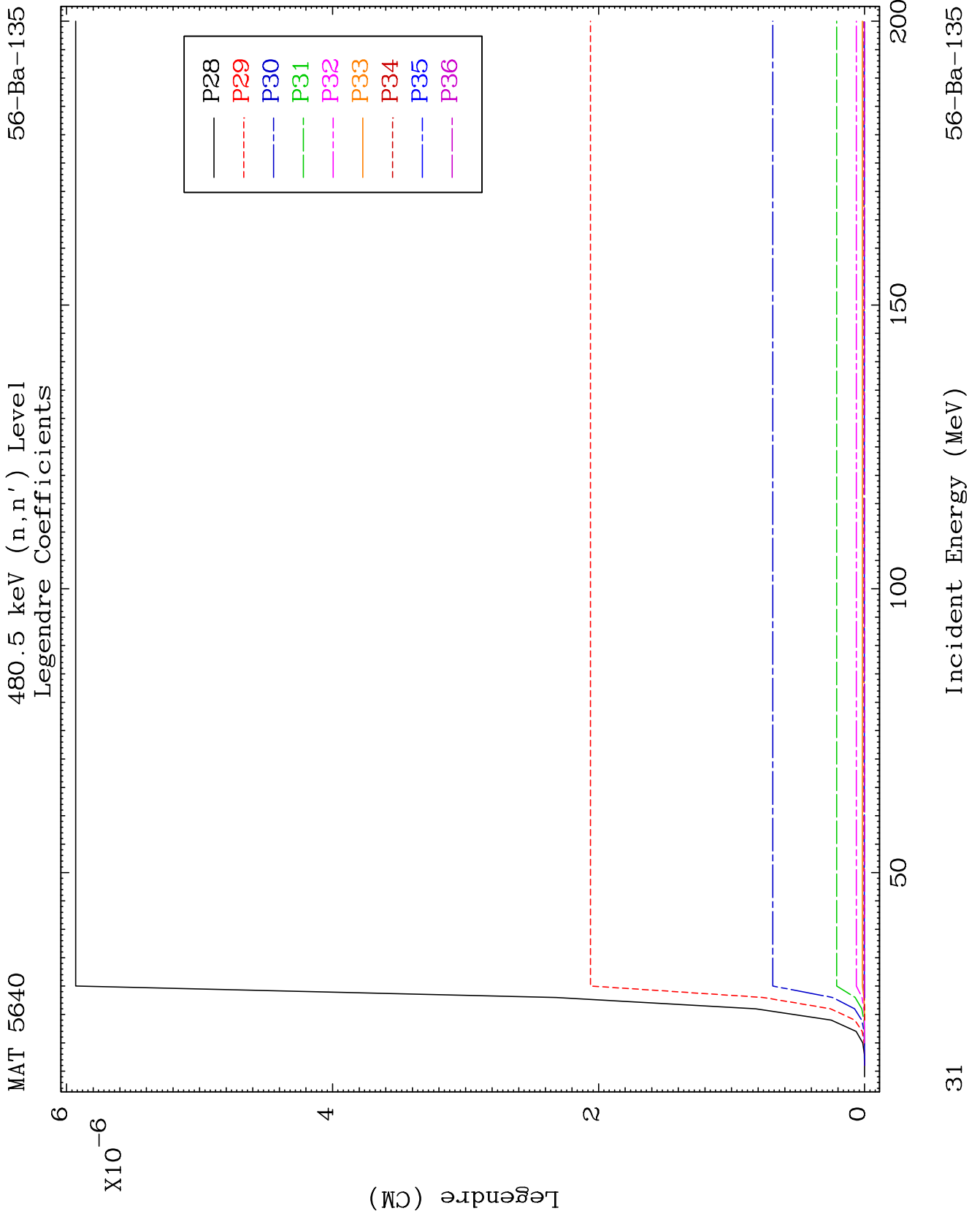
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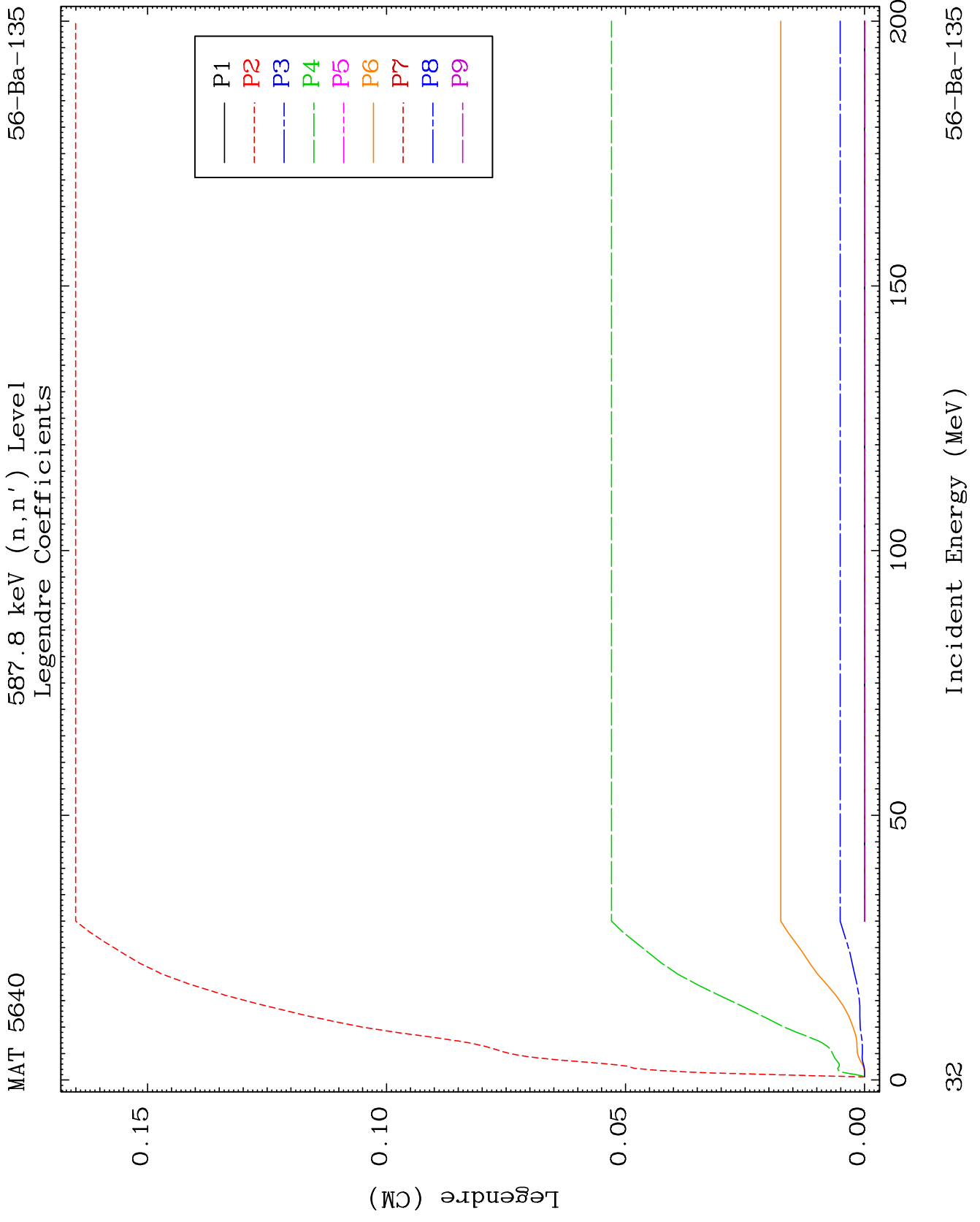


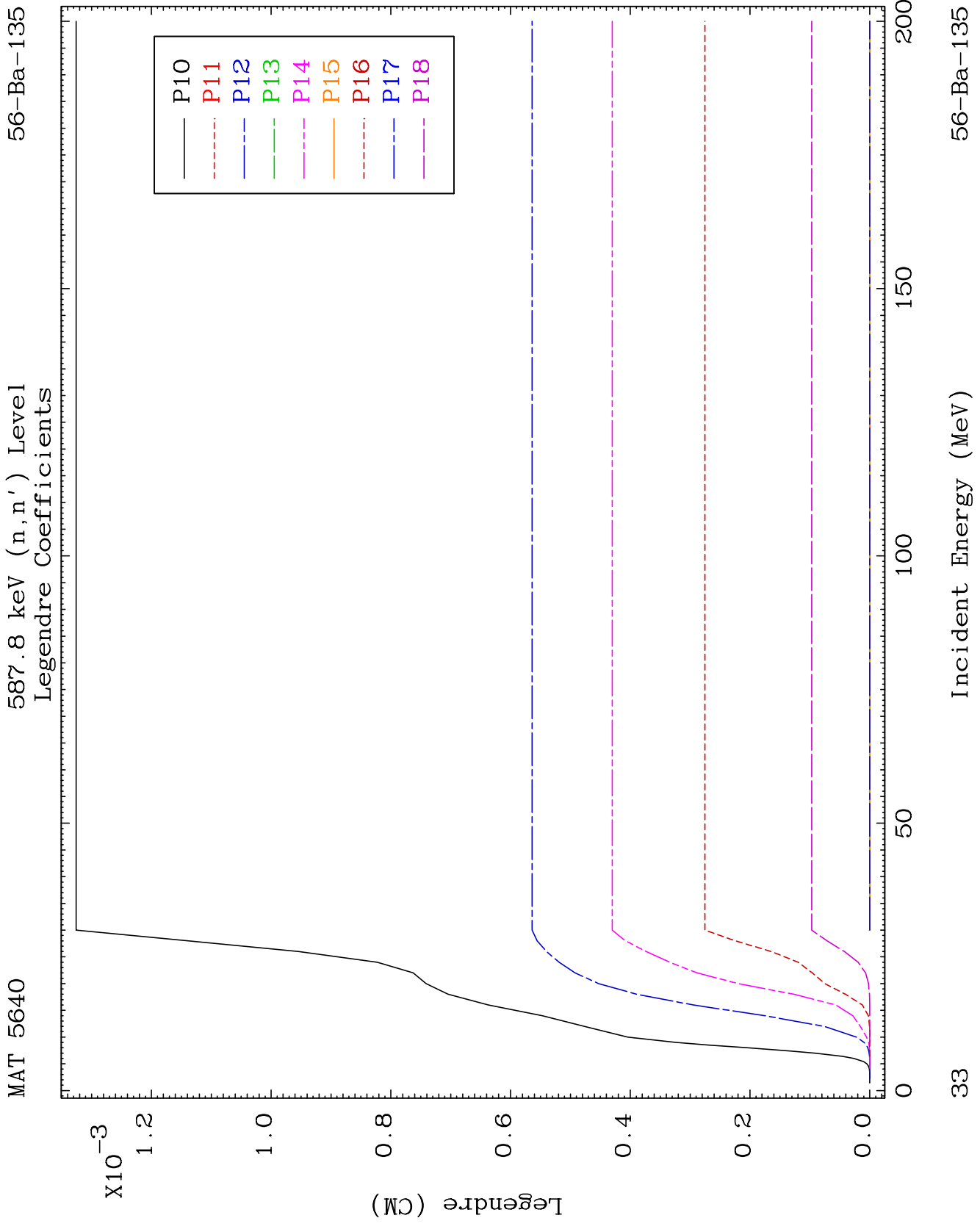
56-Ba-135

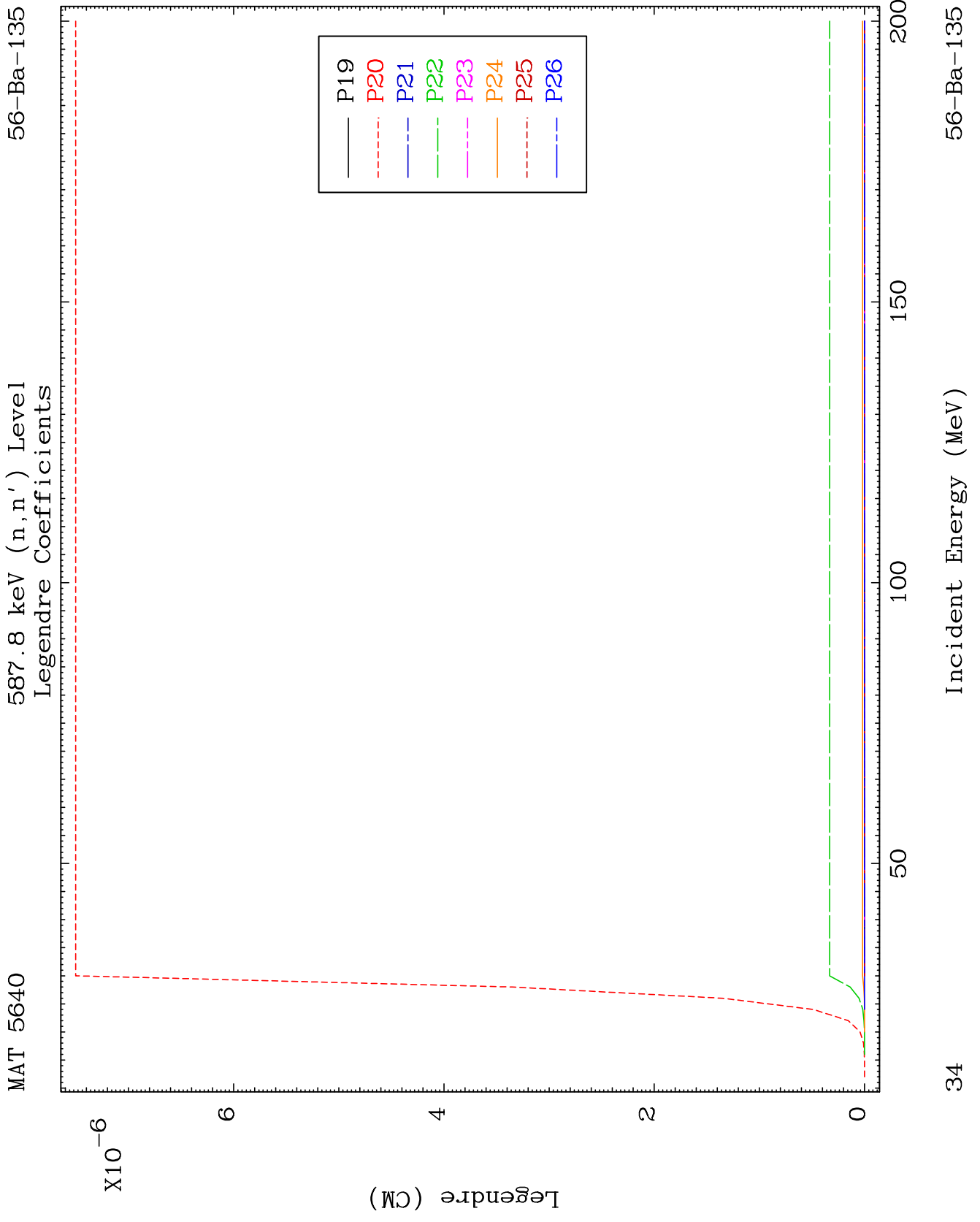
Incident Energy (MeV)

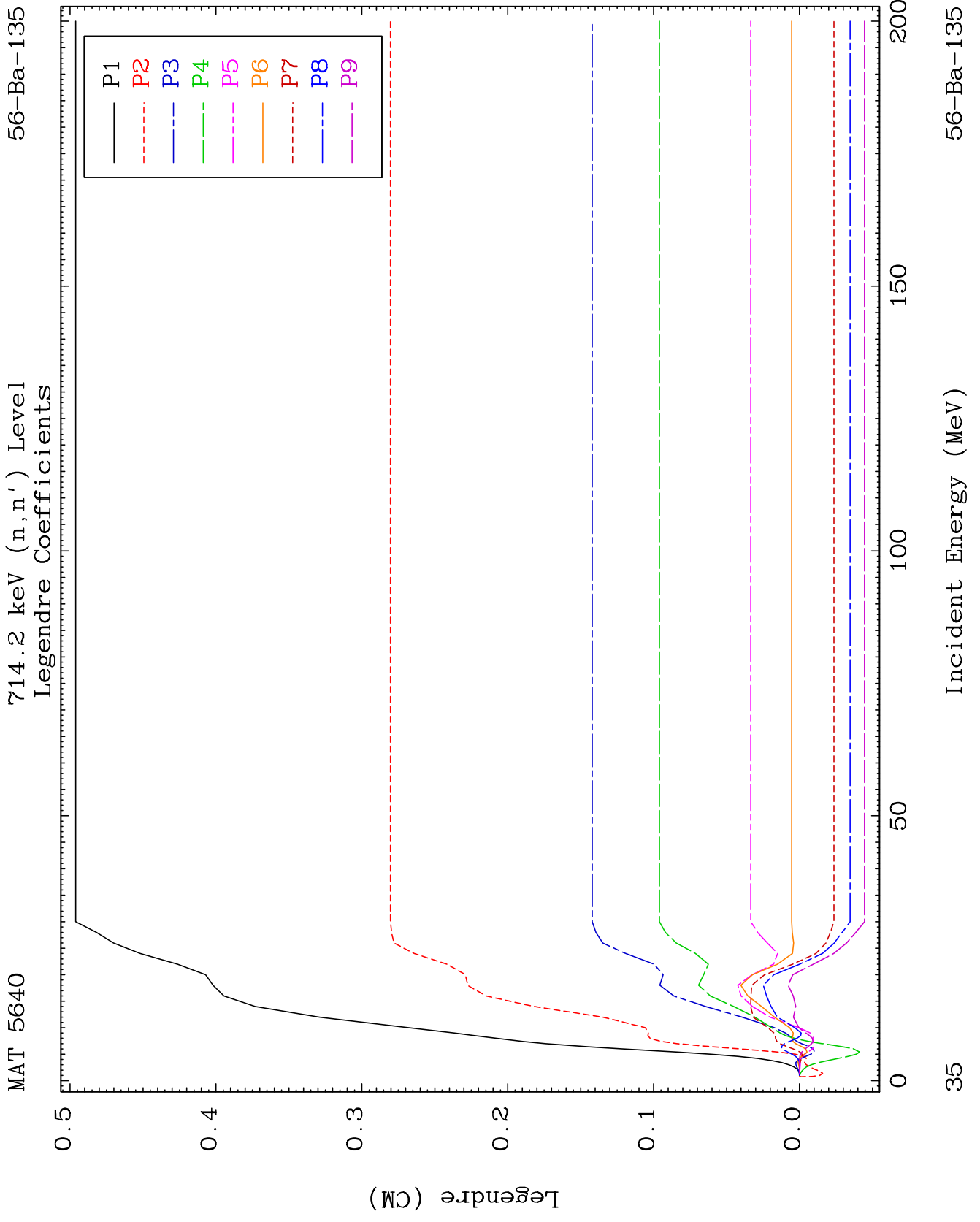
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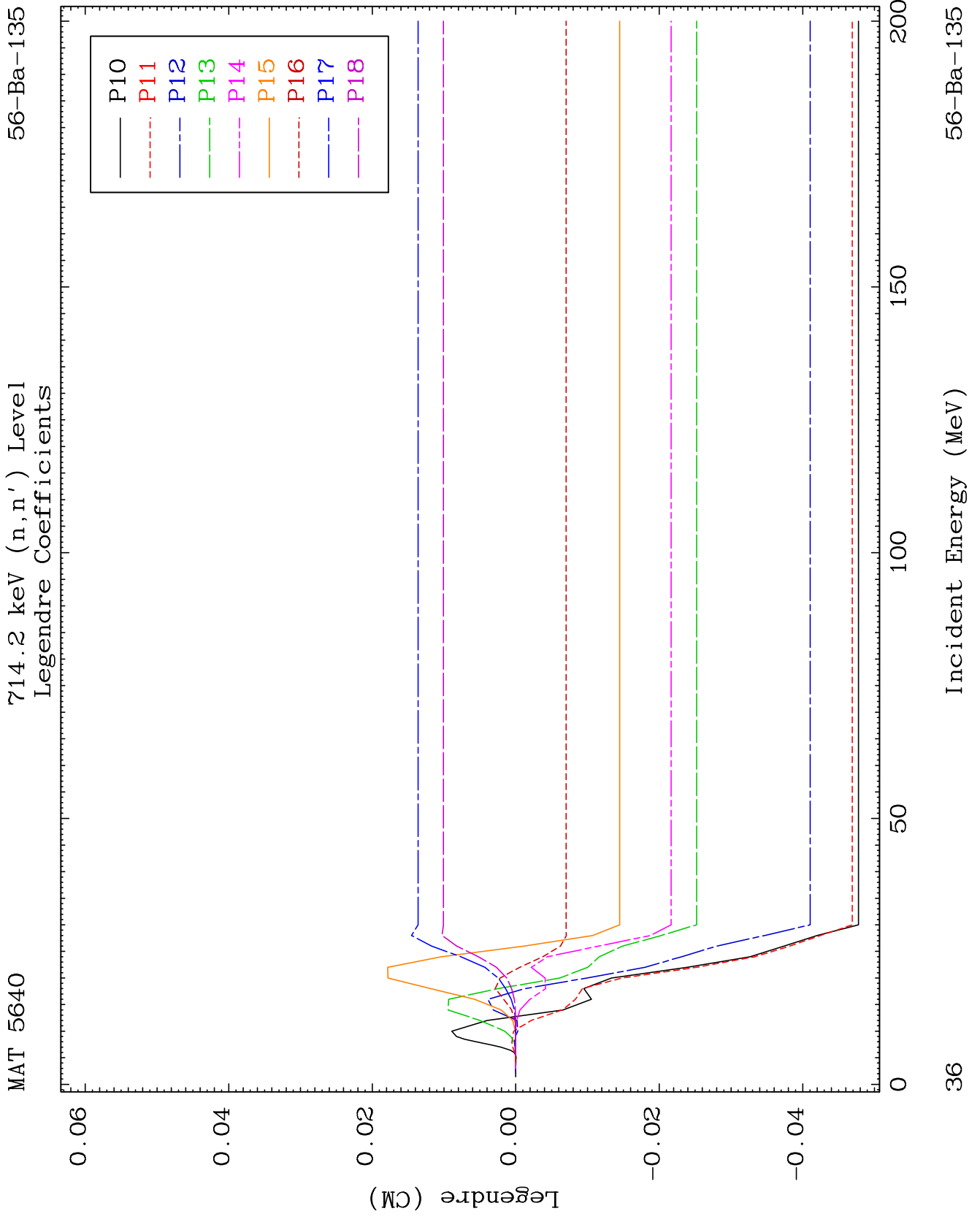








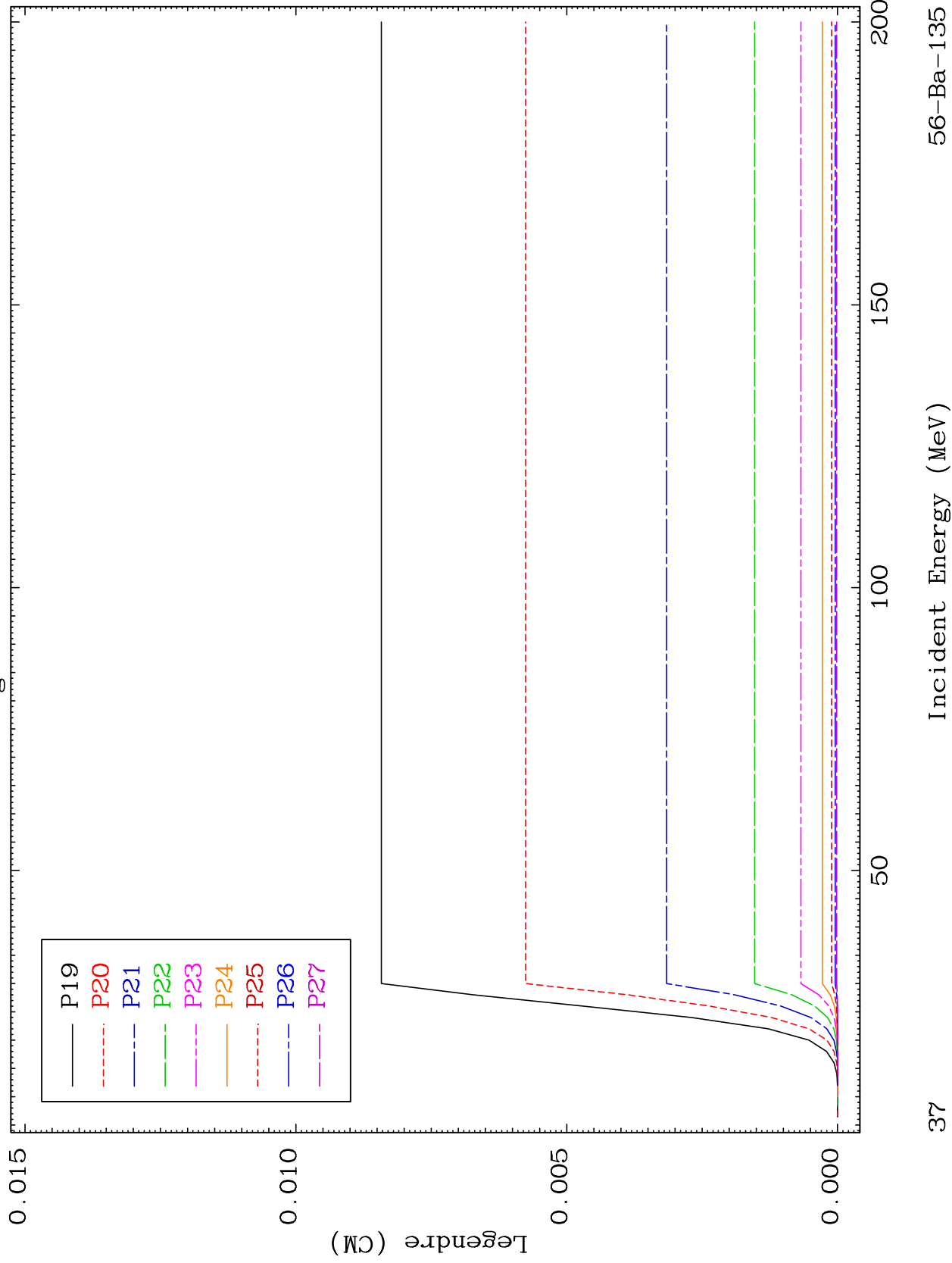




MAT 5640

714.2 keV (n,n') Level
Legendre Coefficients

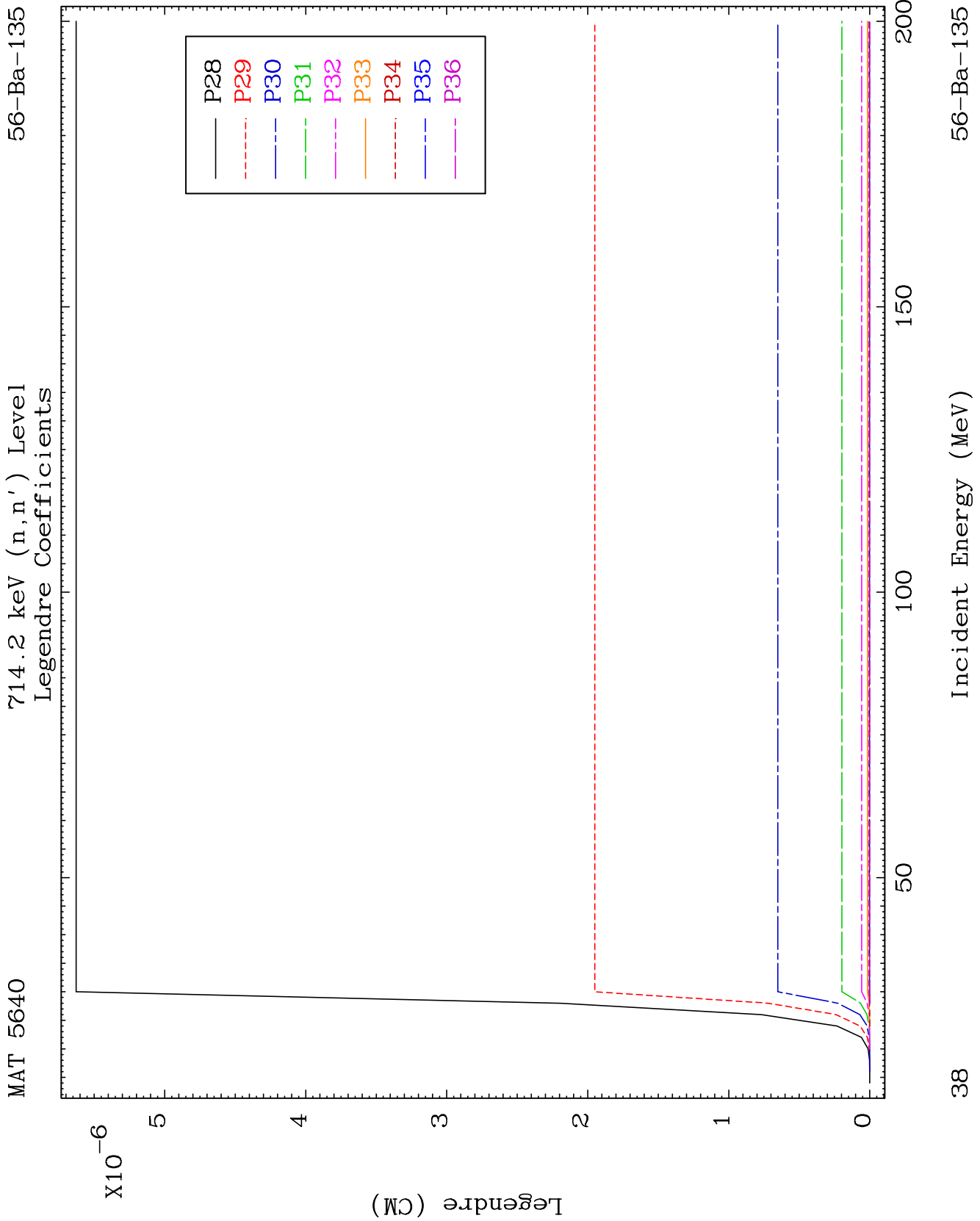
56-Ba-135

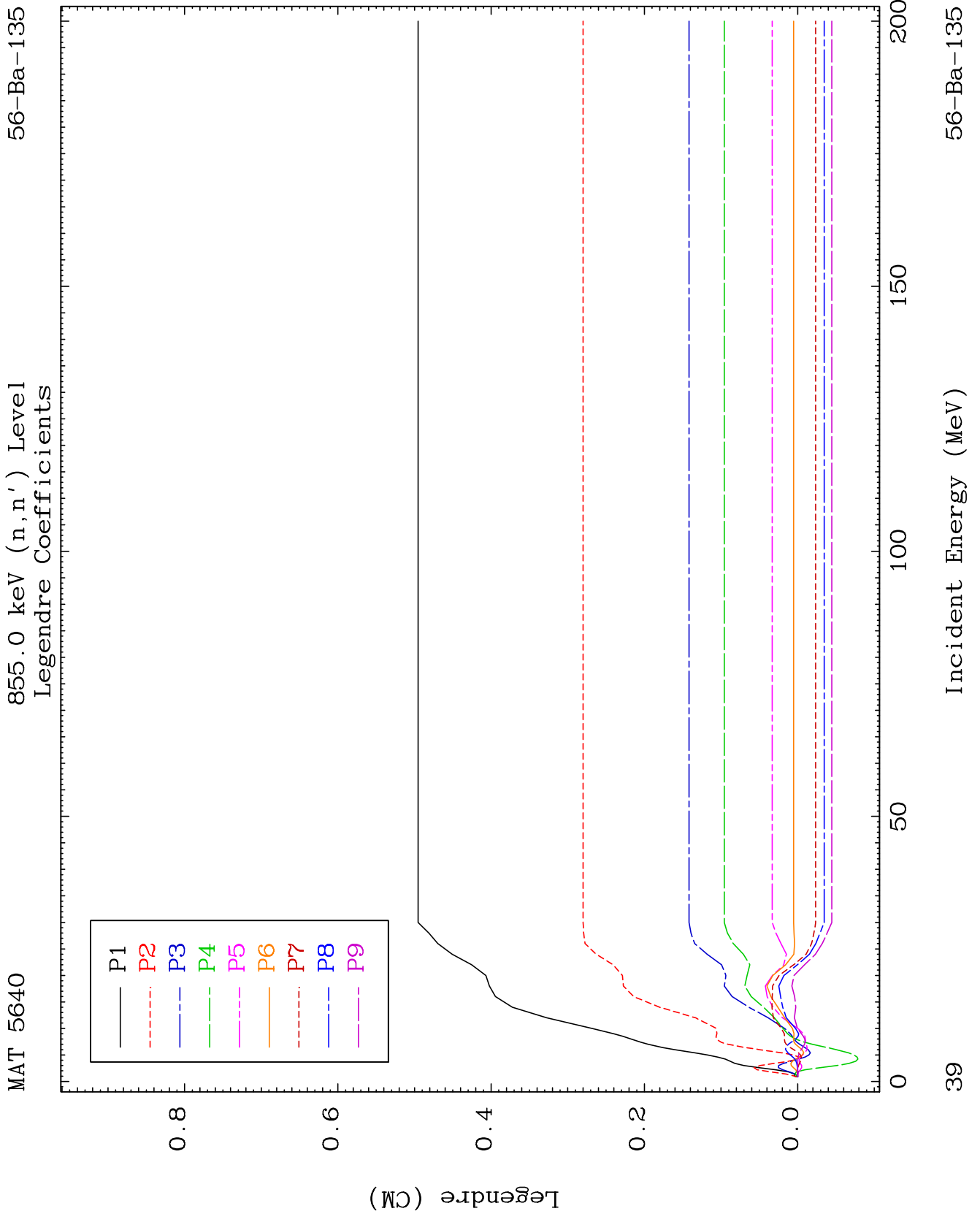


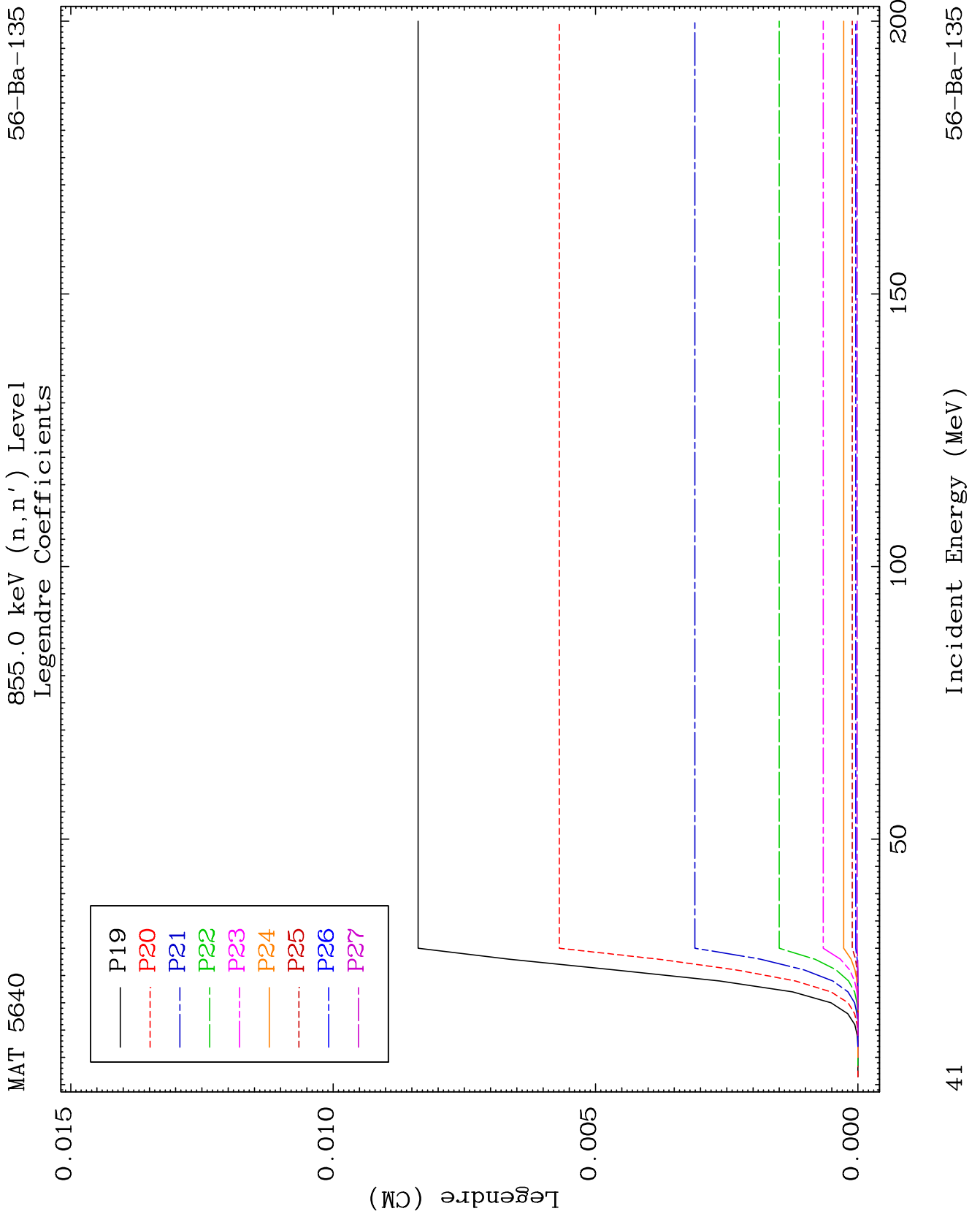
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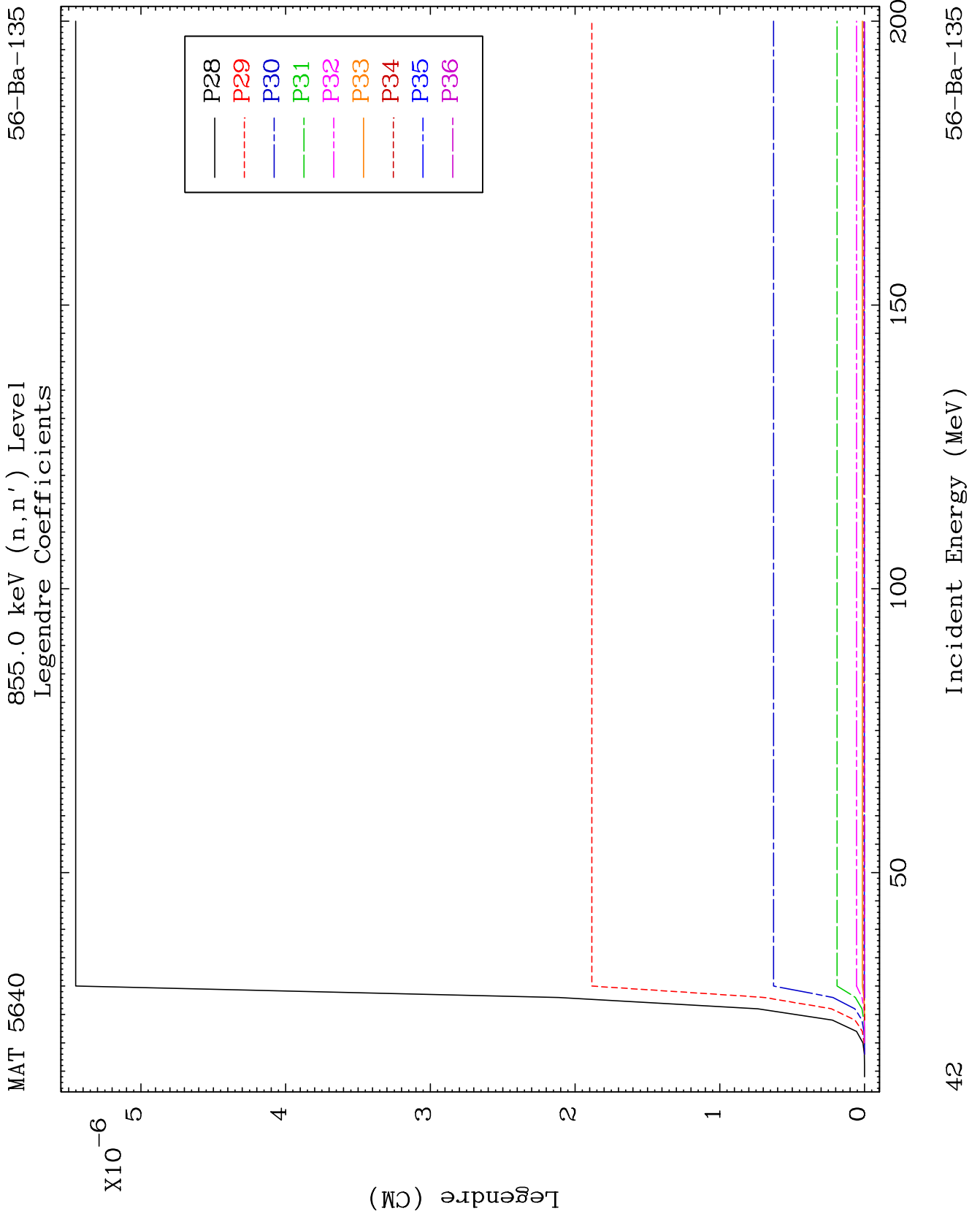
Incident Energy (MeV)

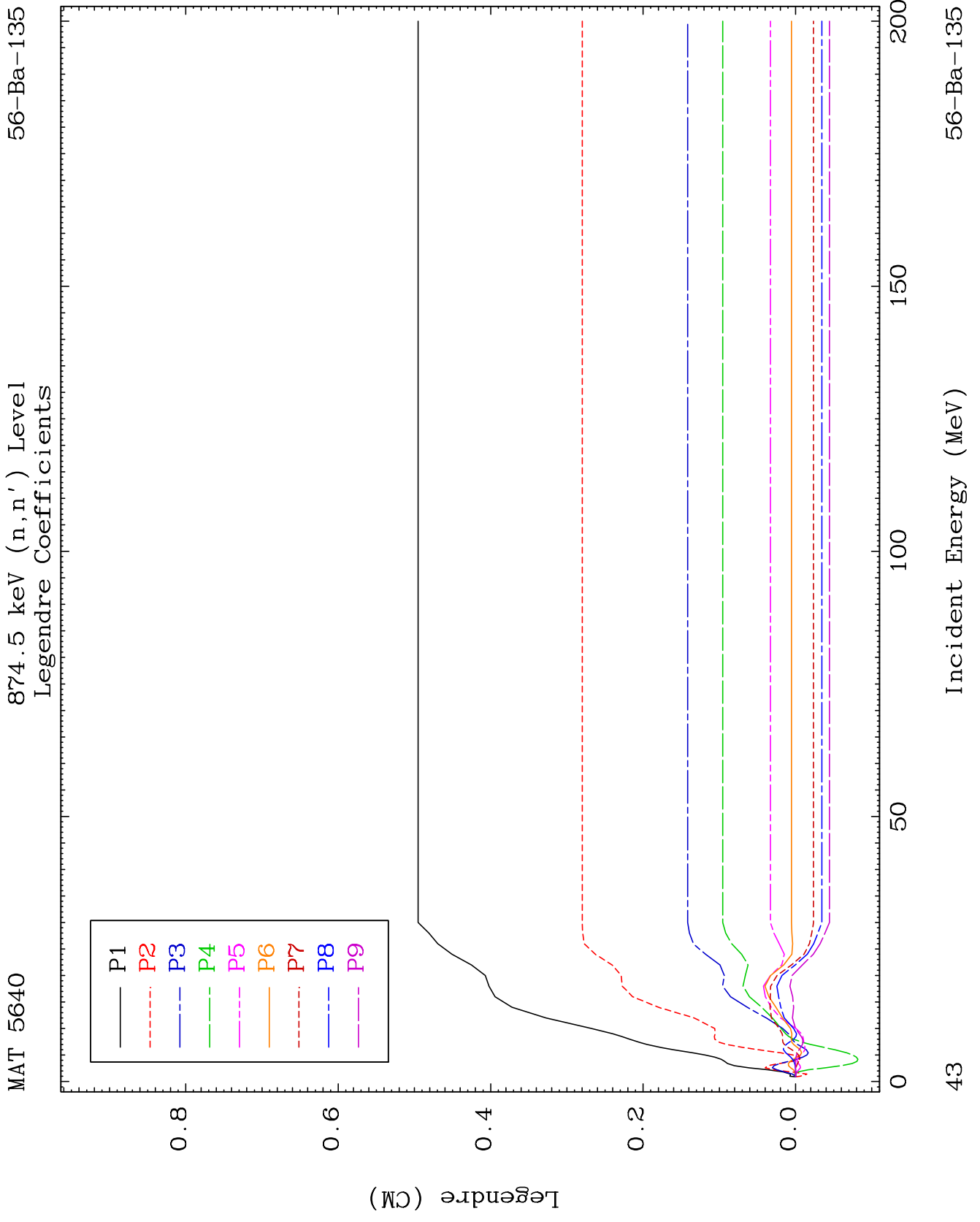
56-Ba-135

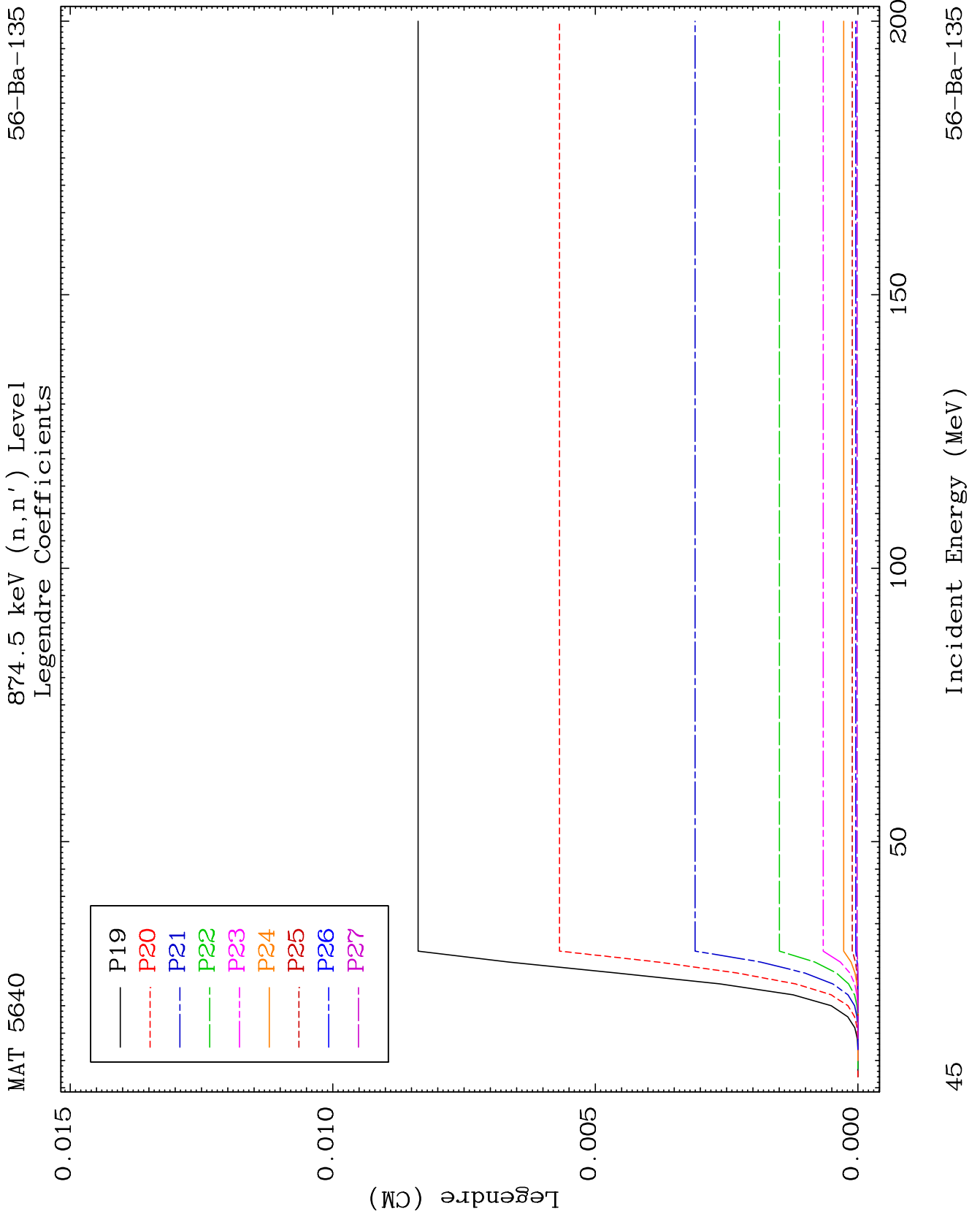


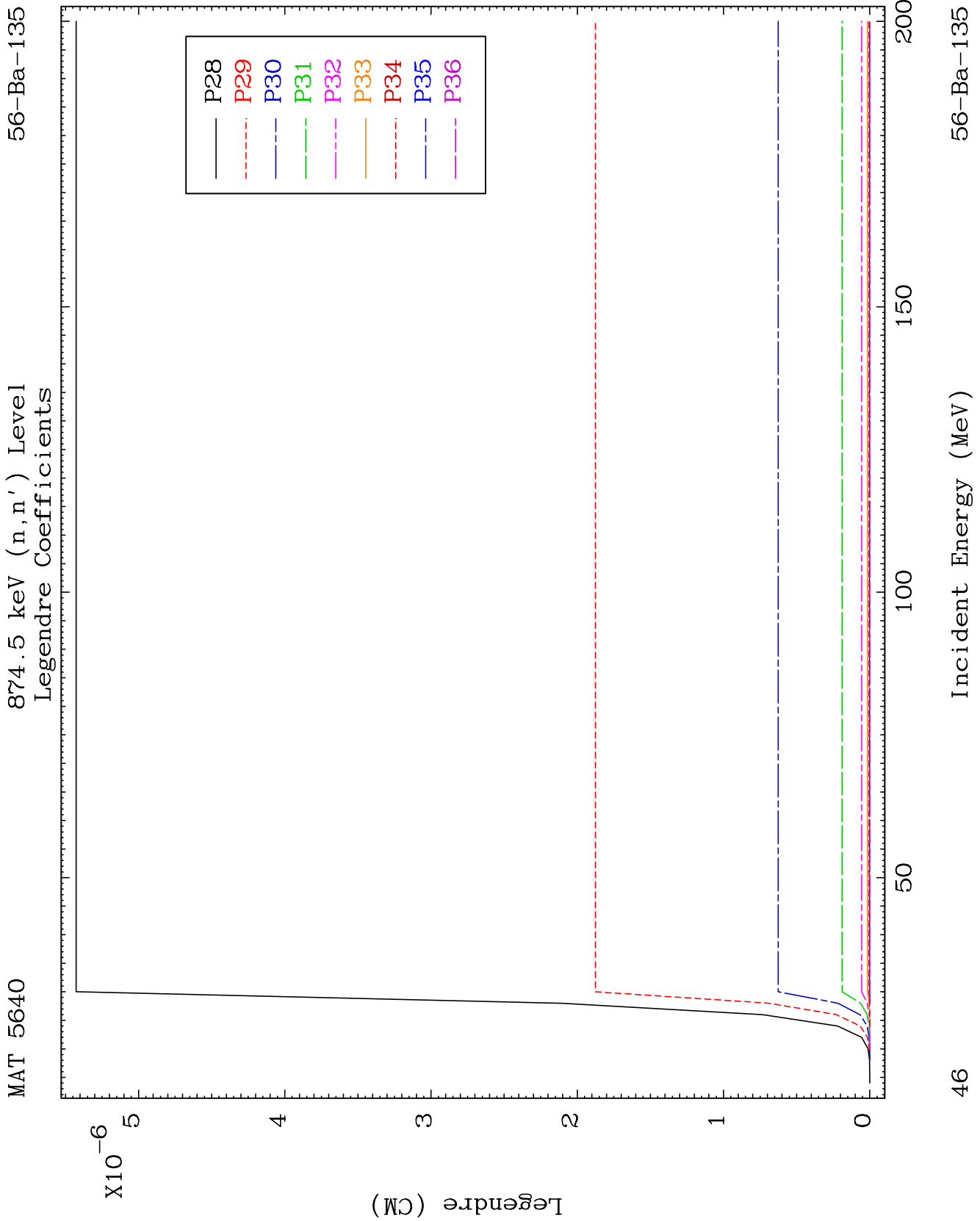


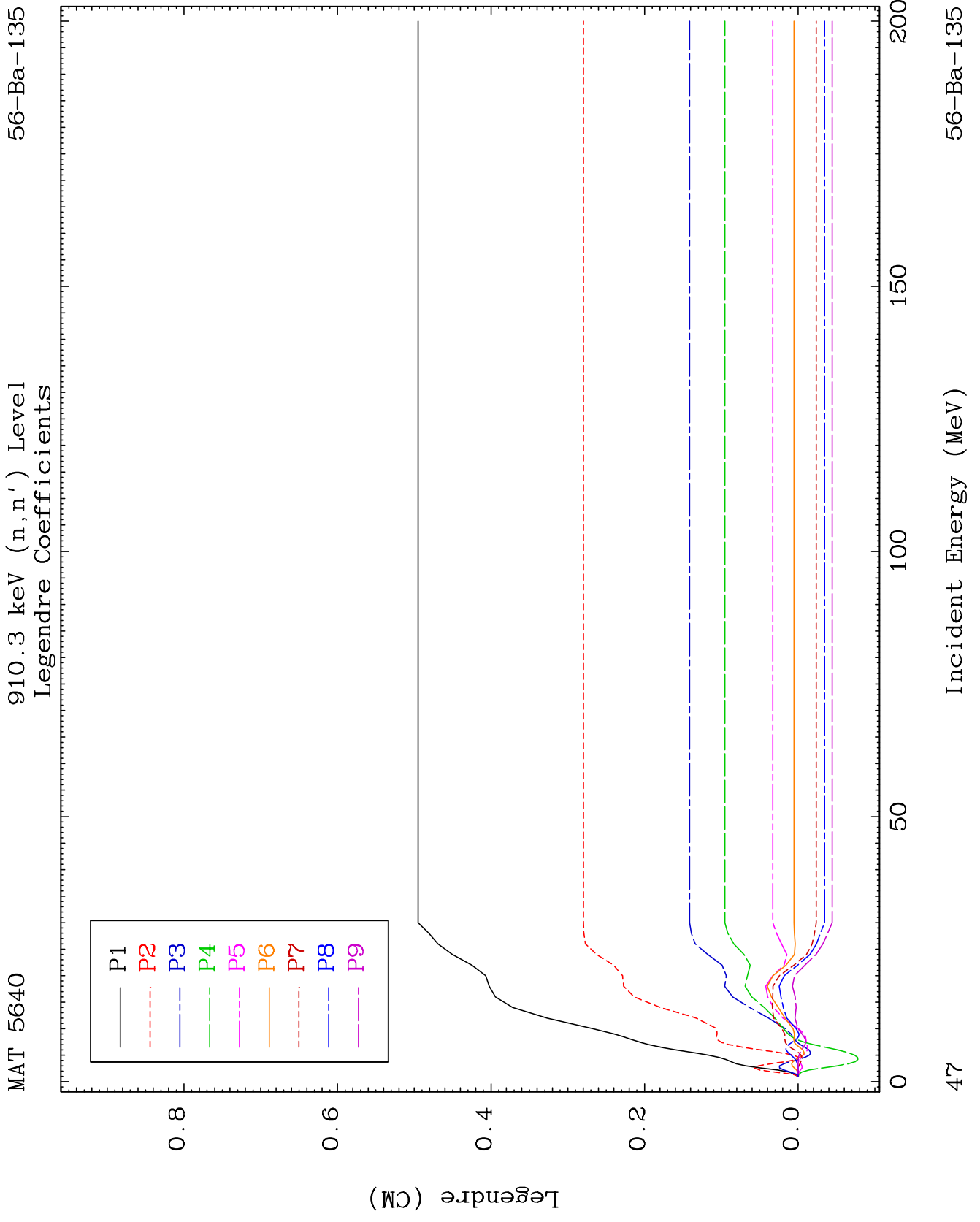


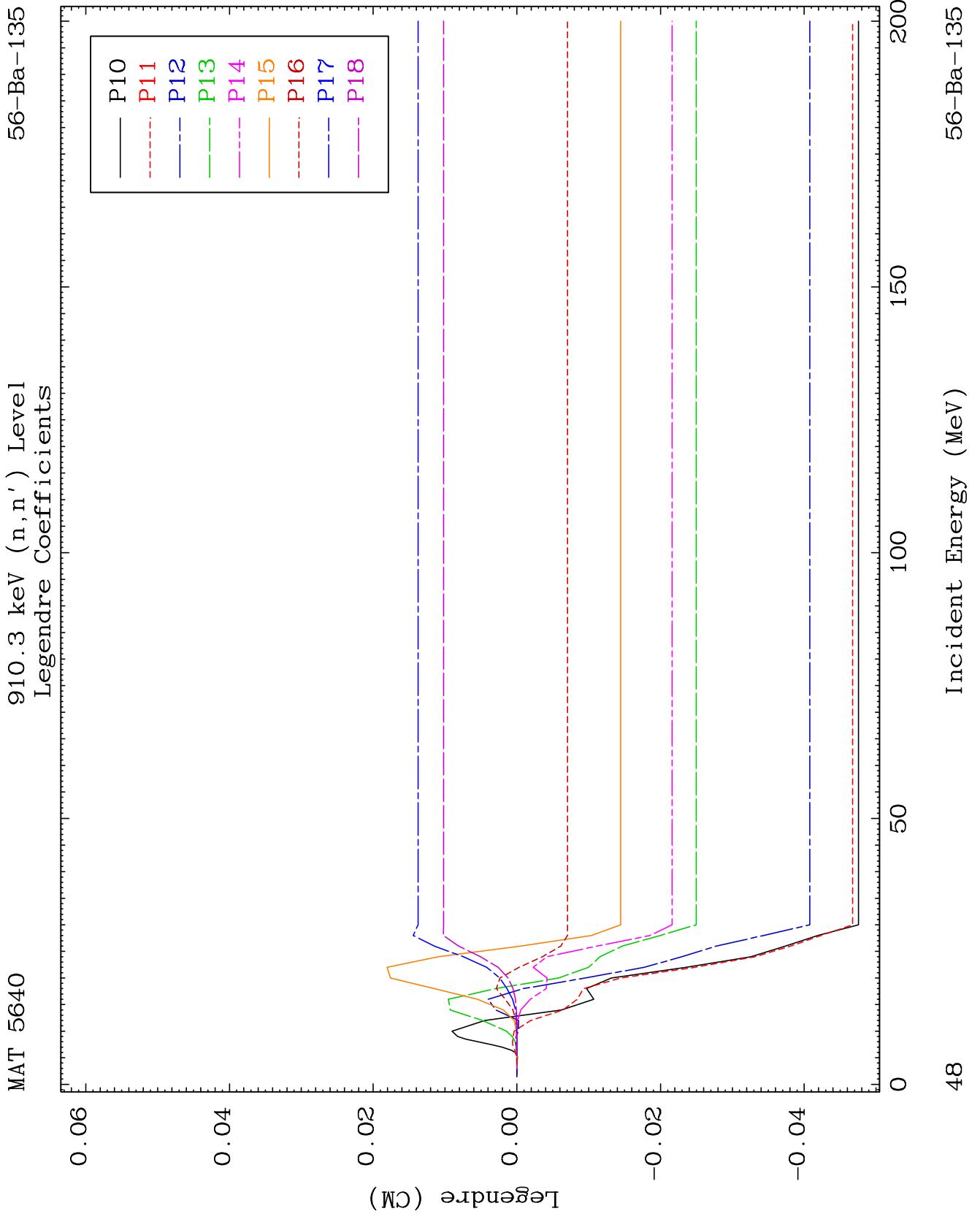


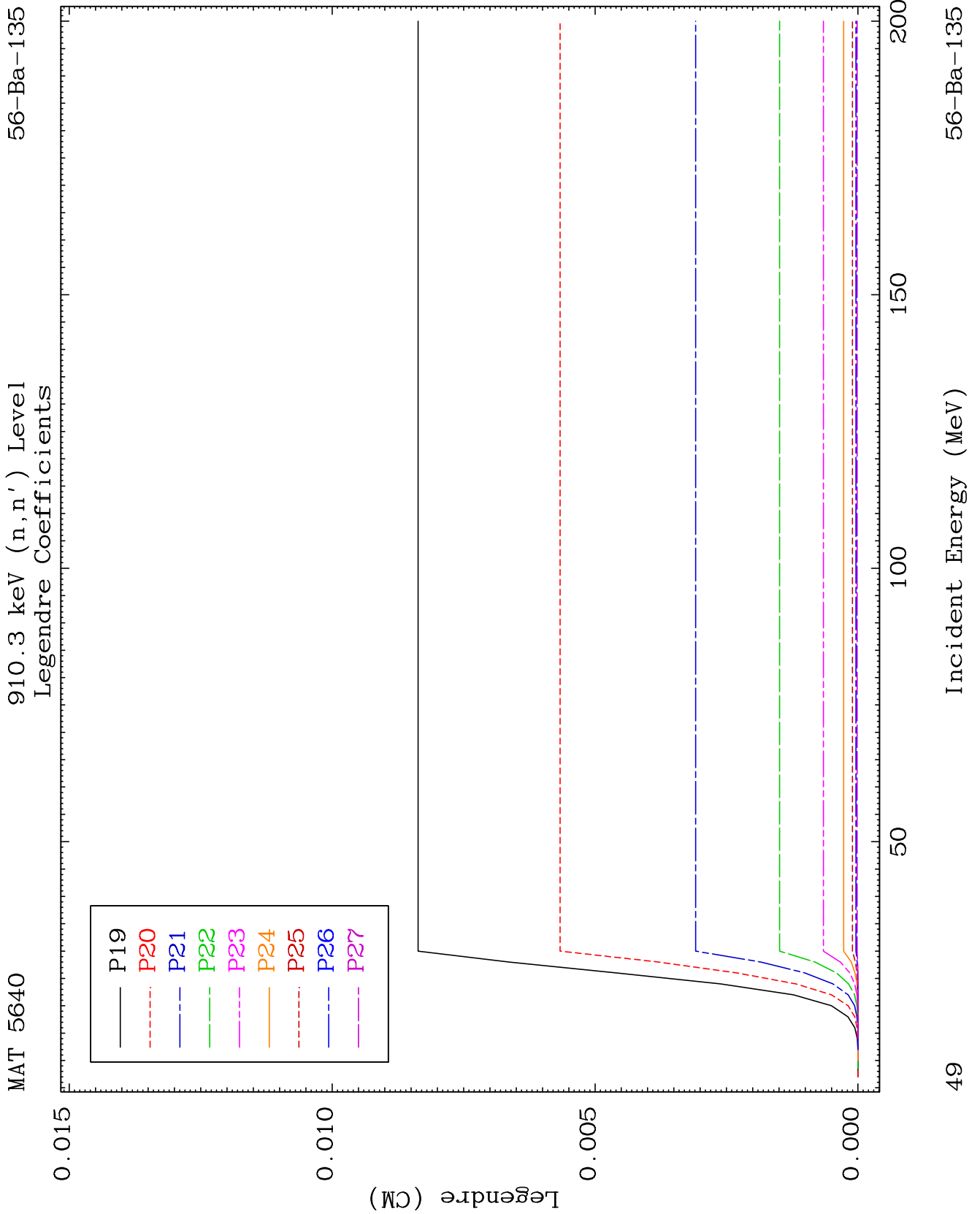


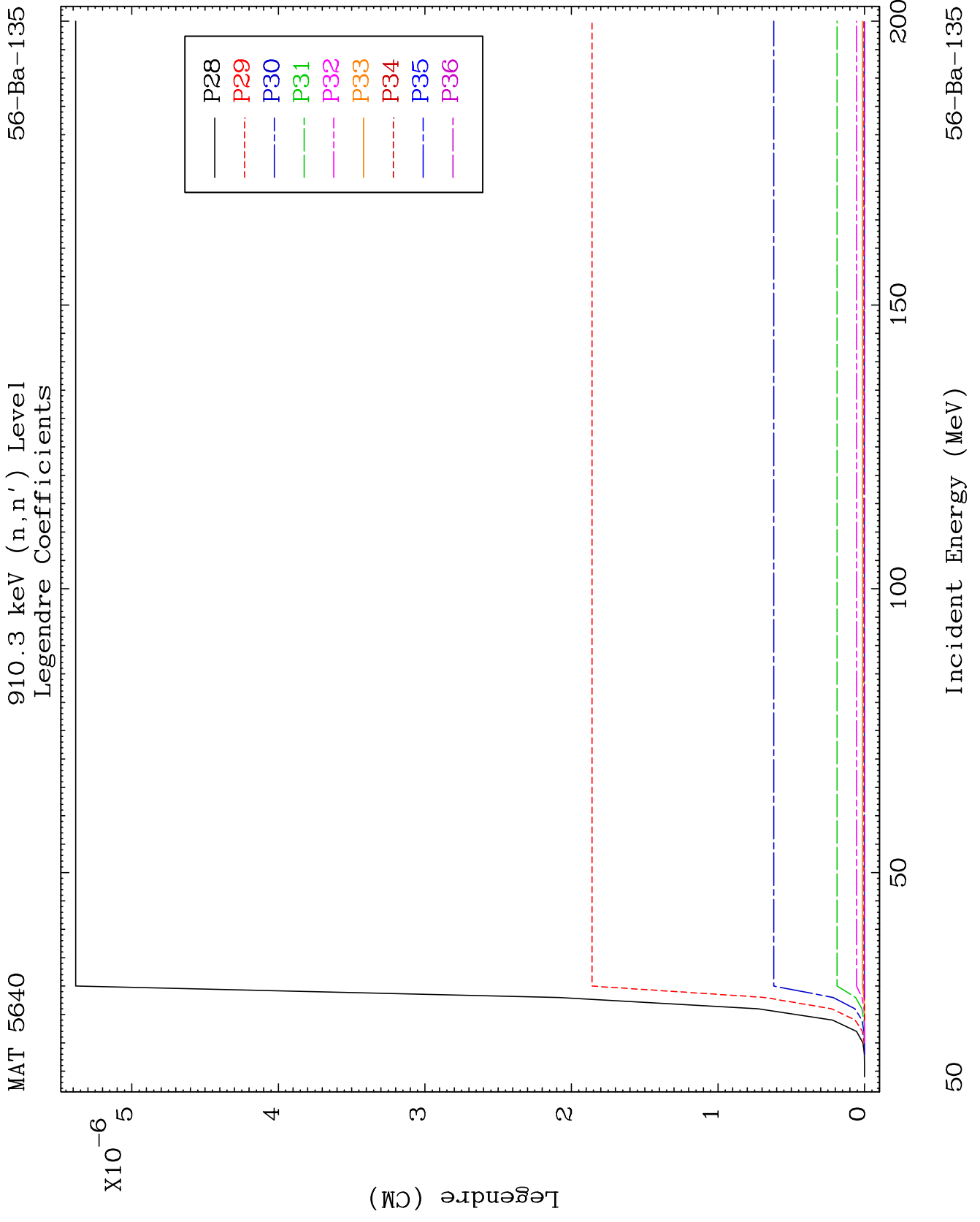


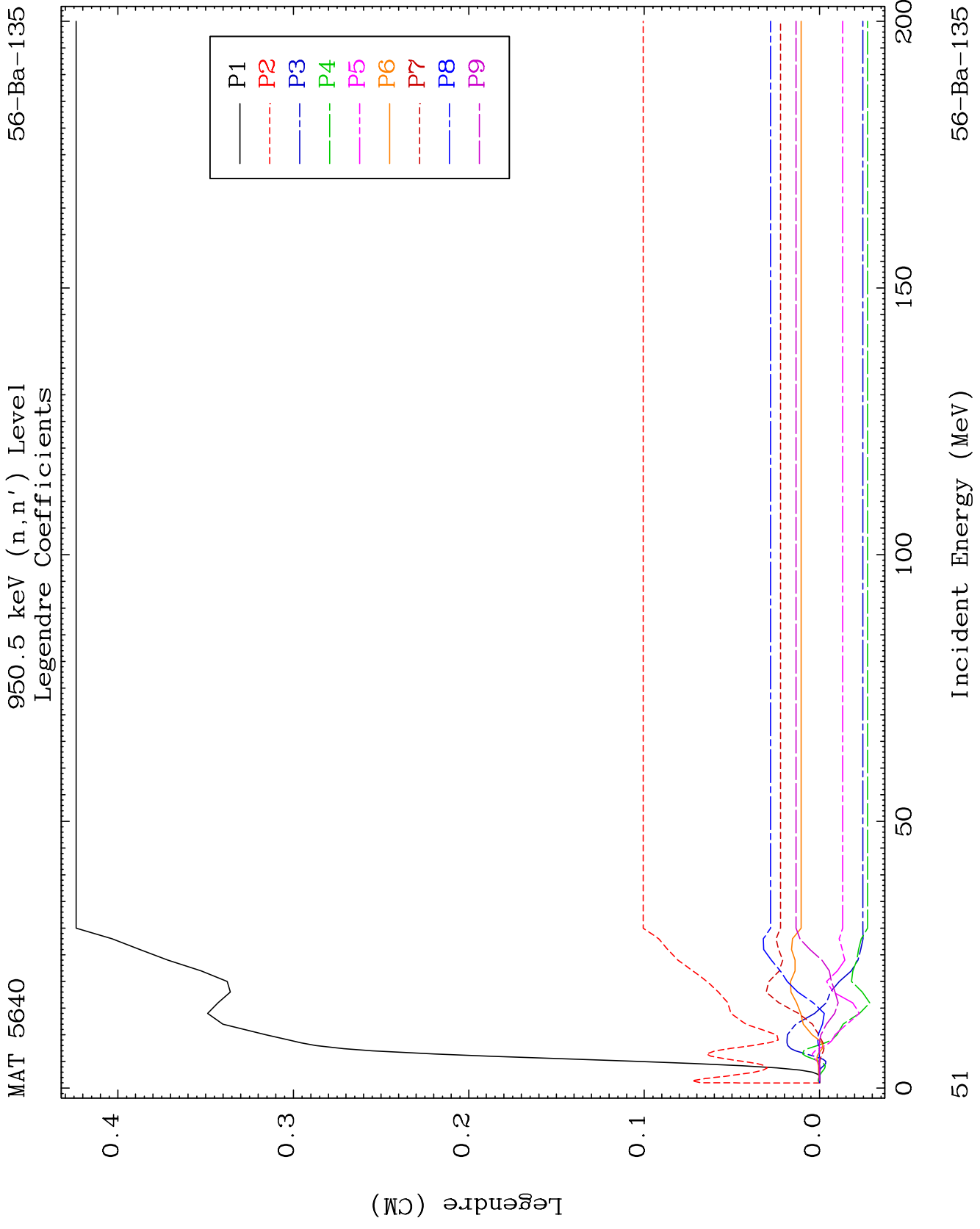


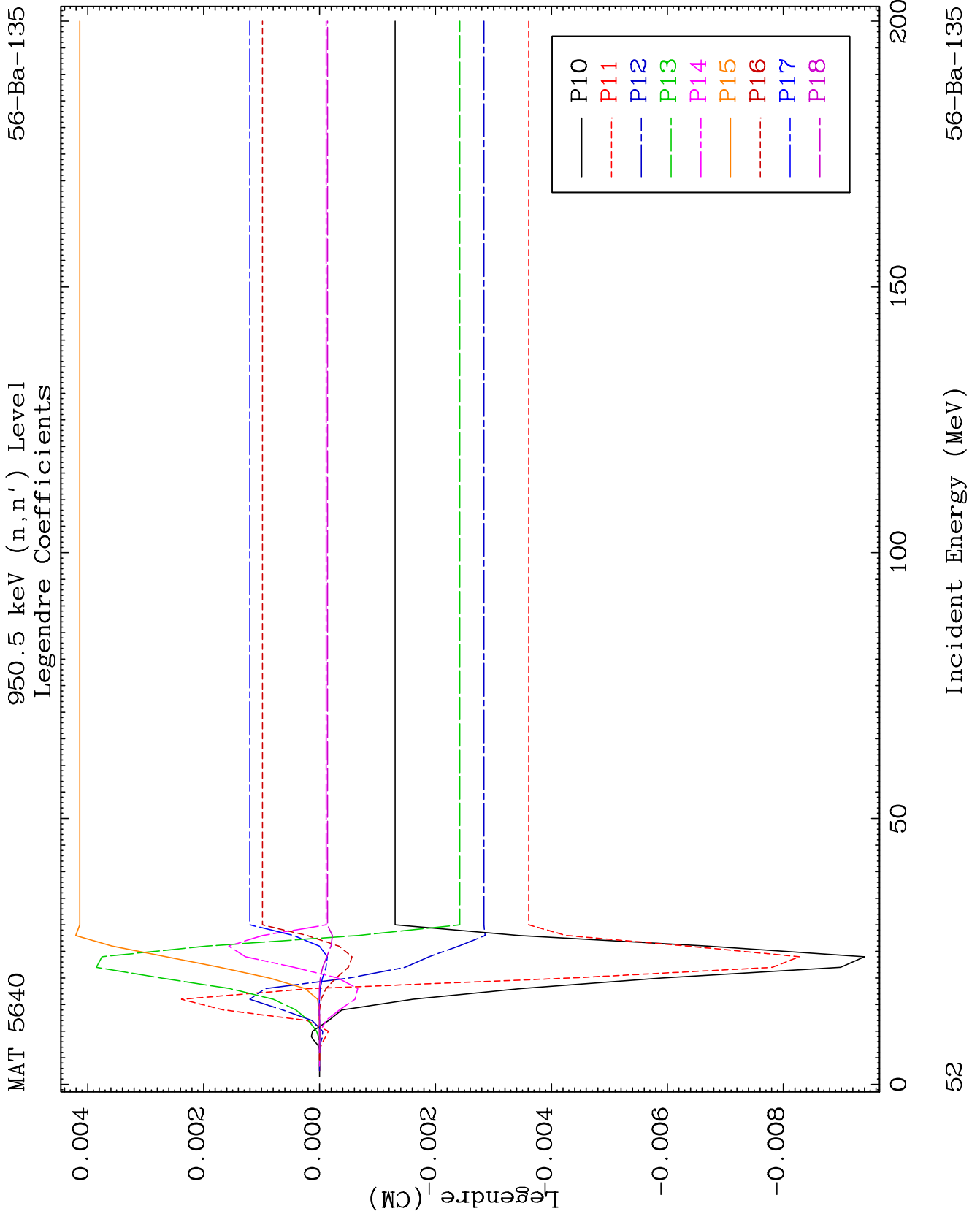


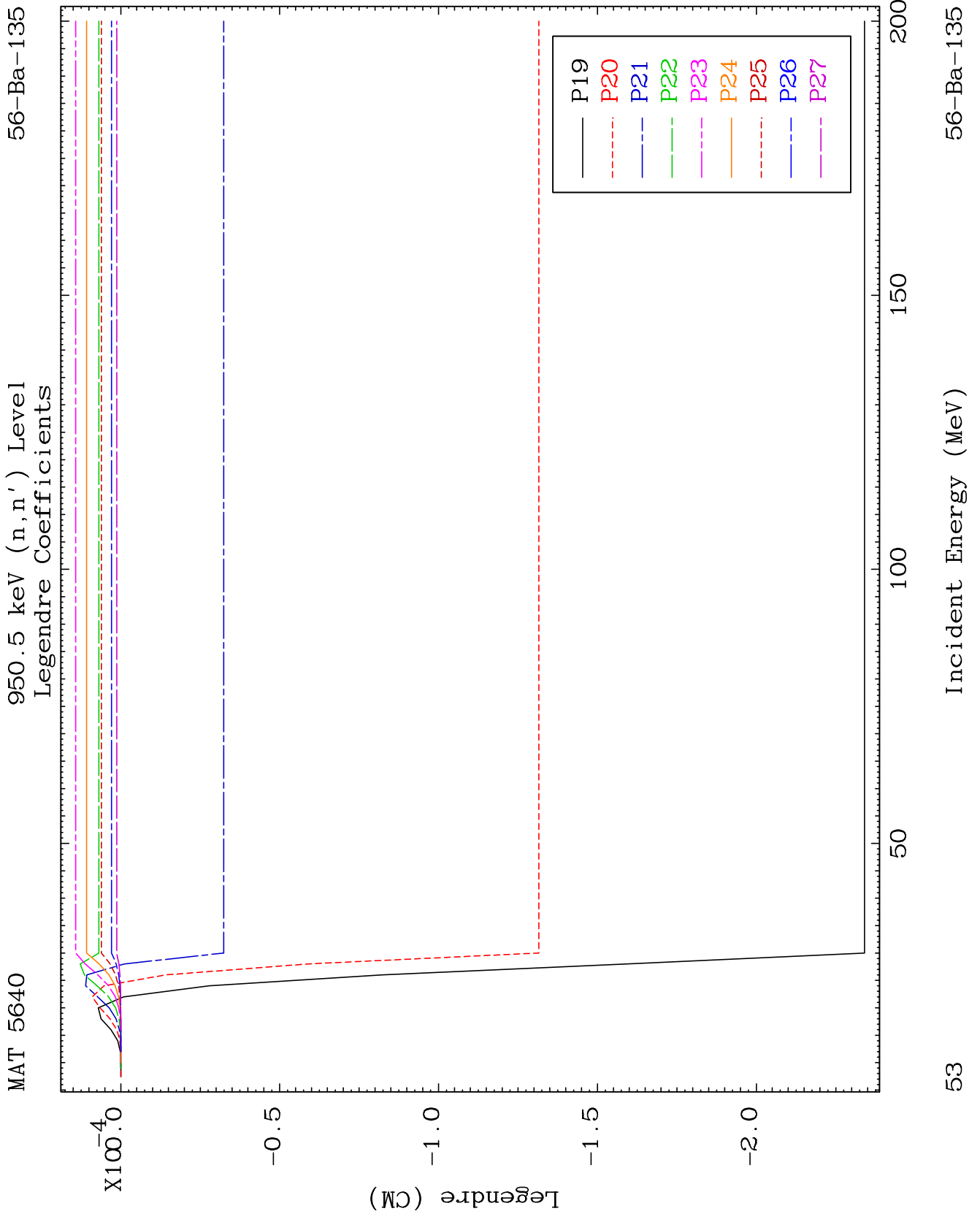


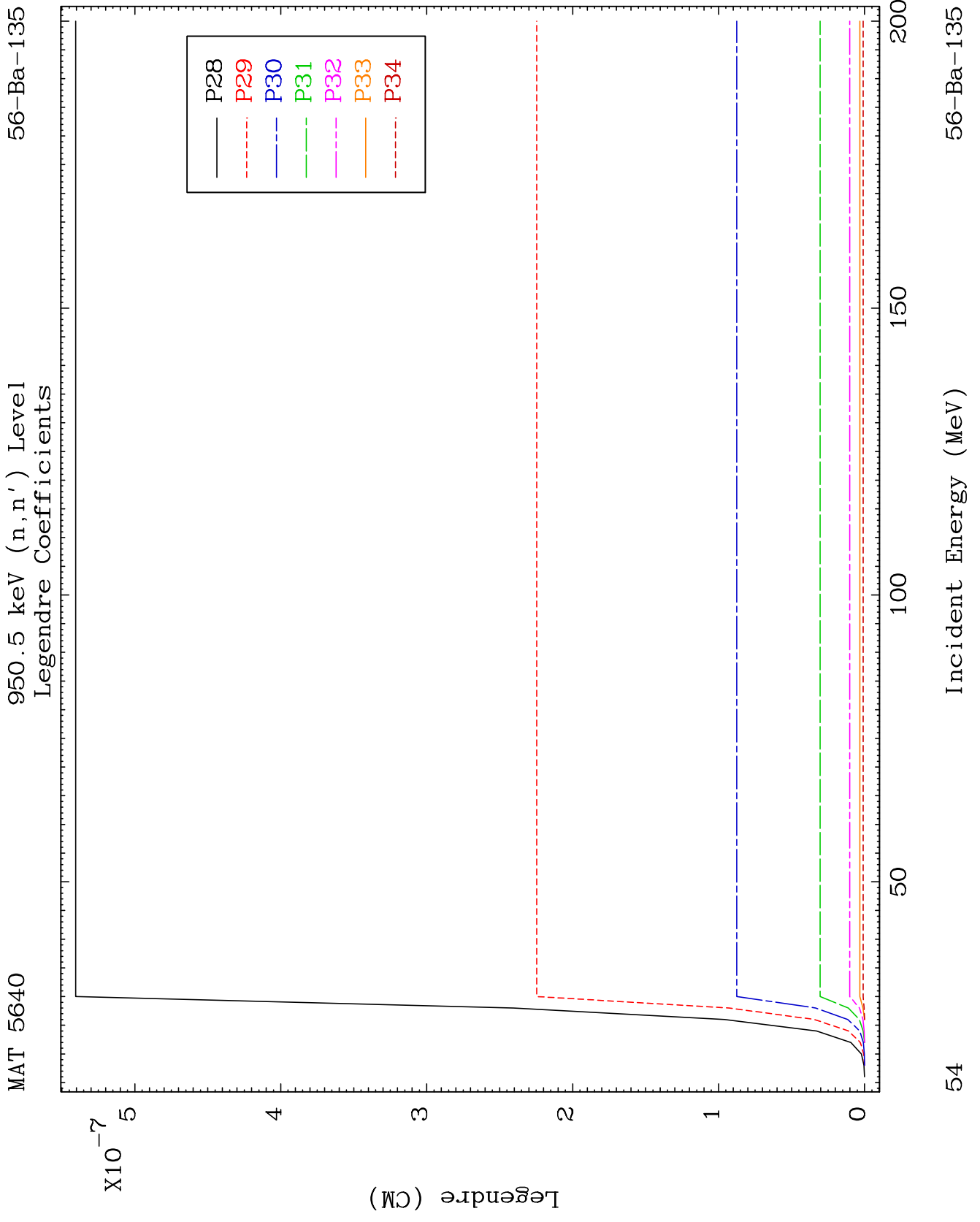


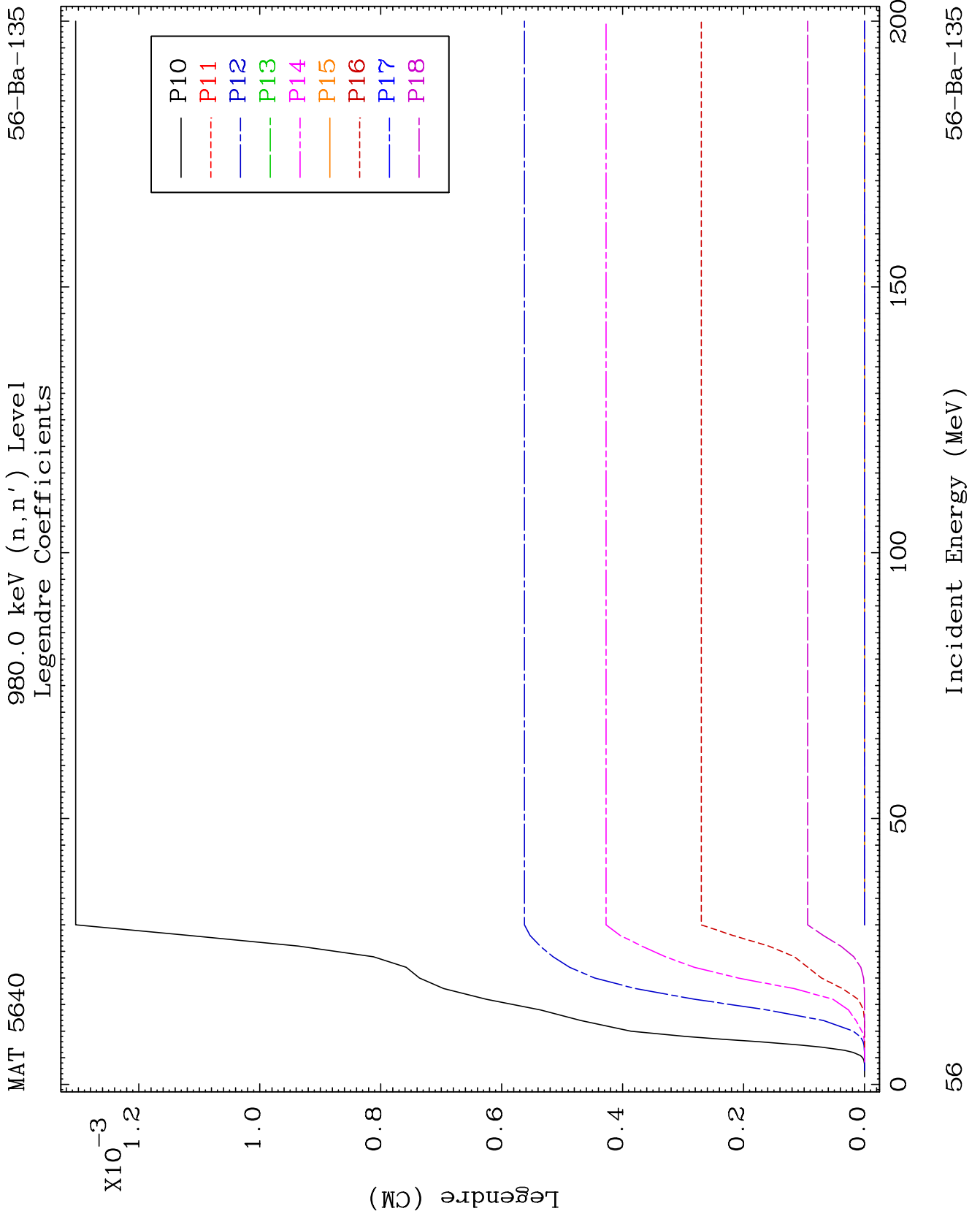


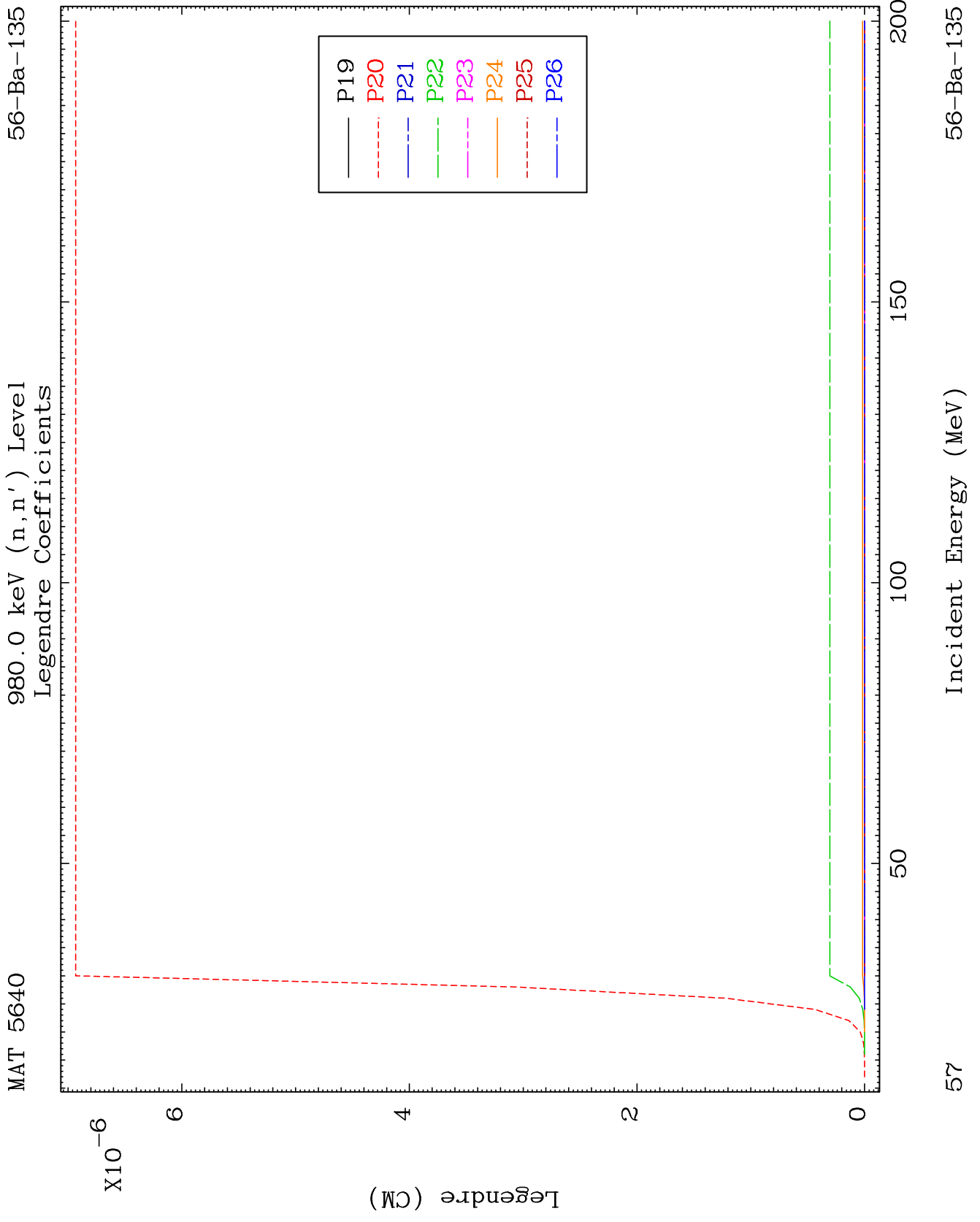


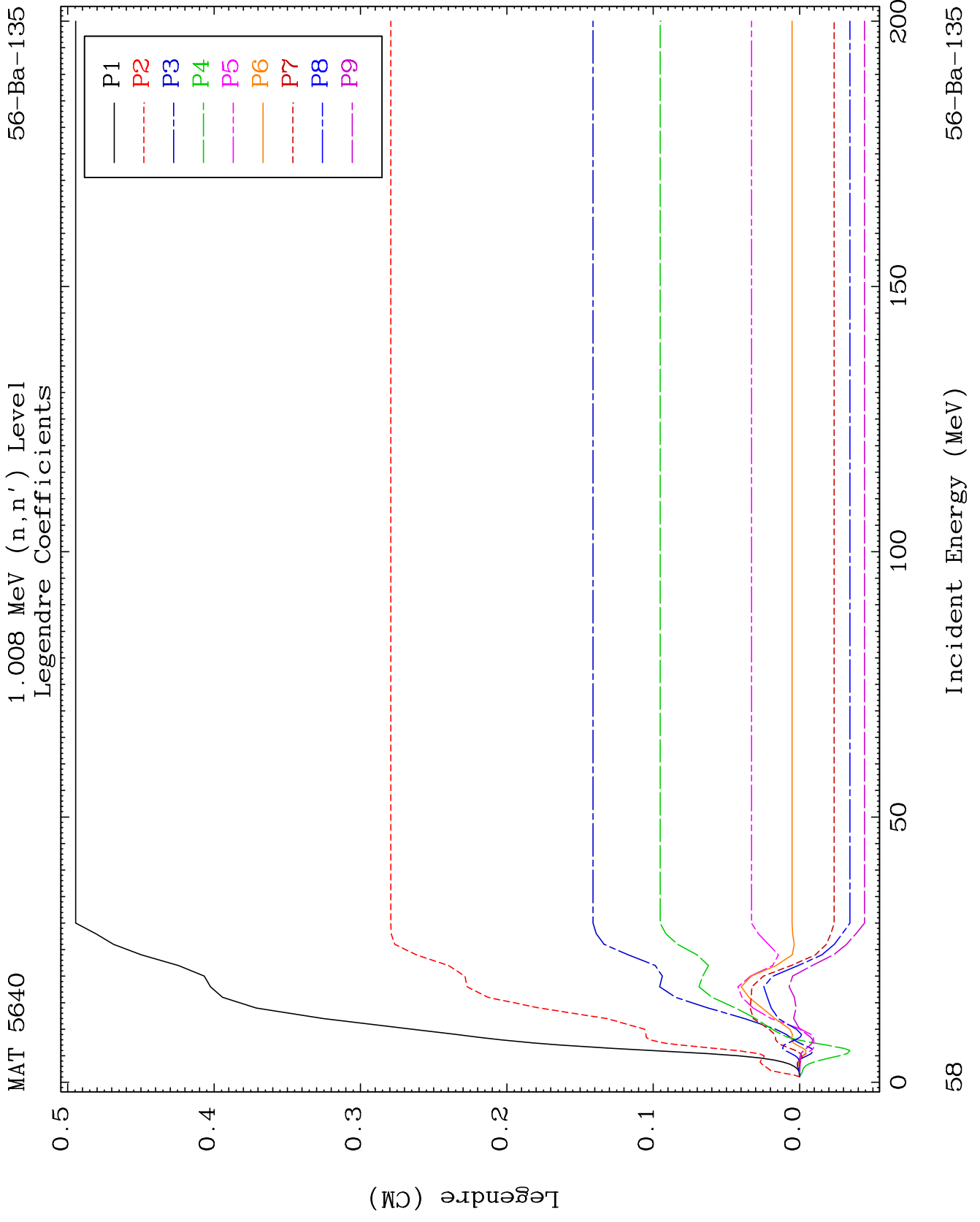


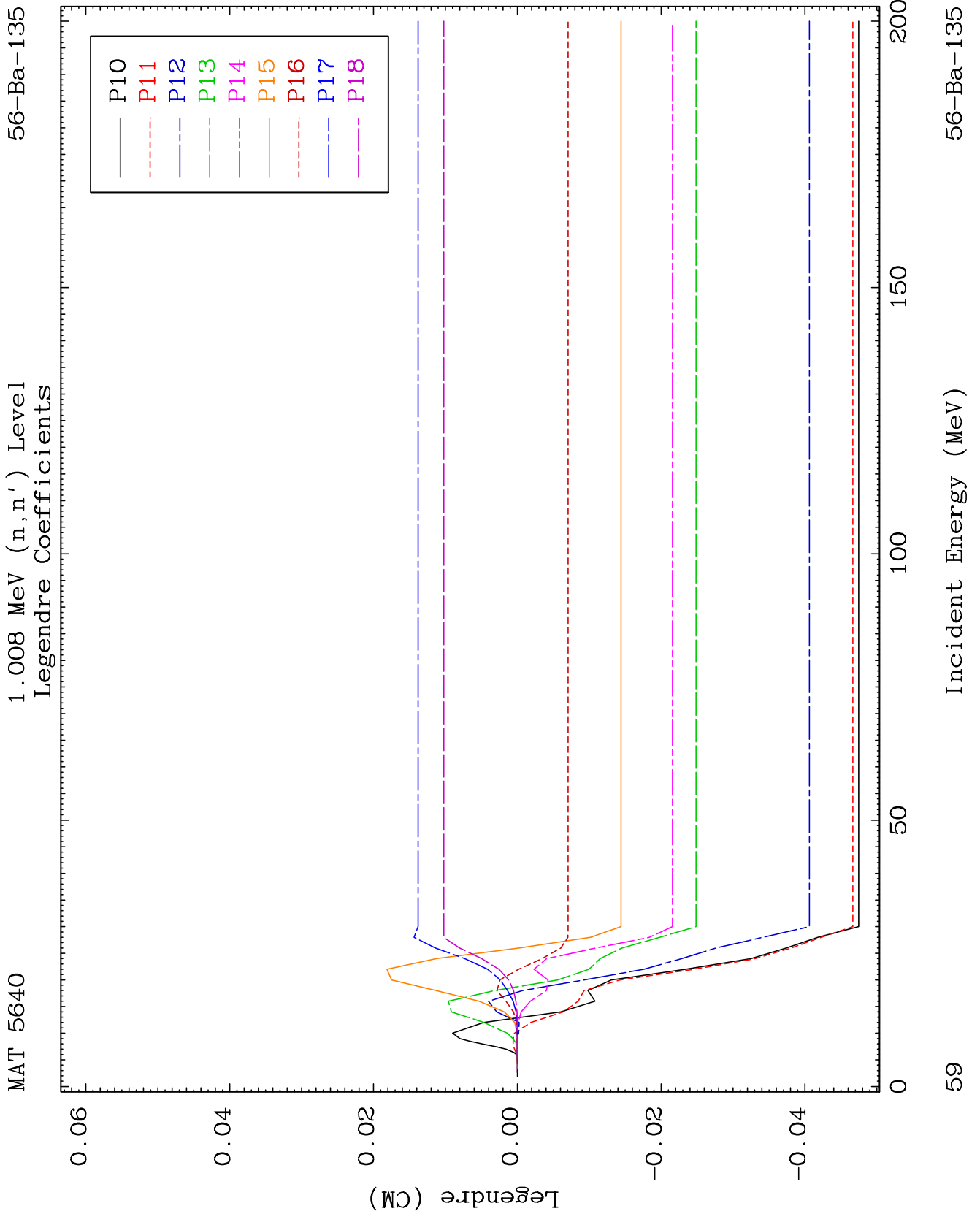


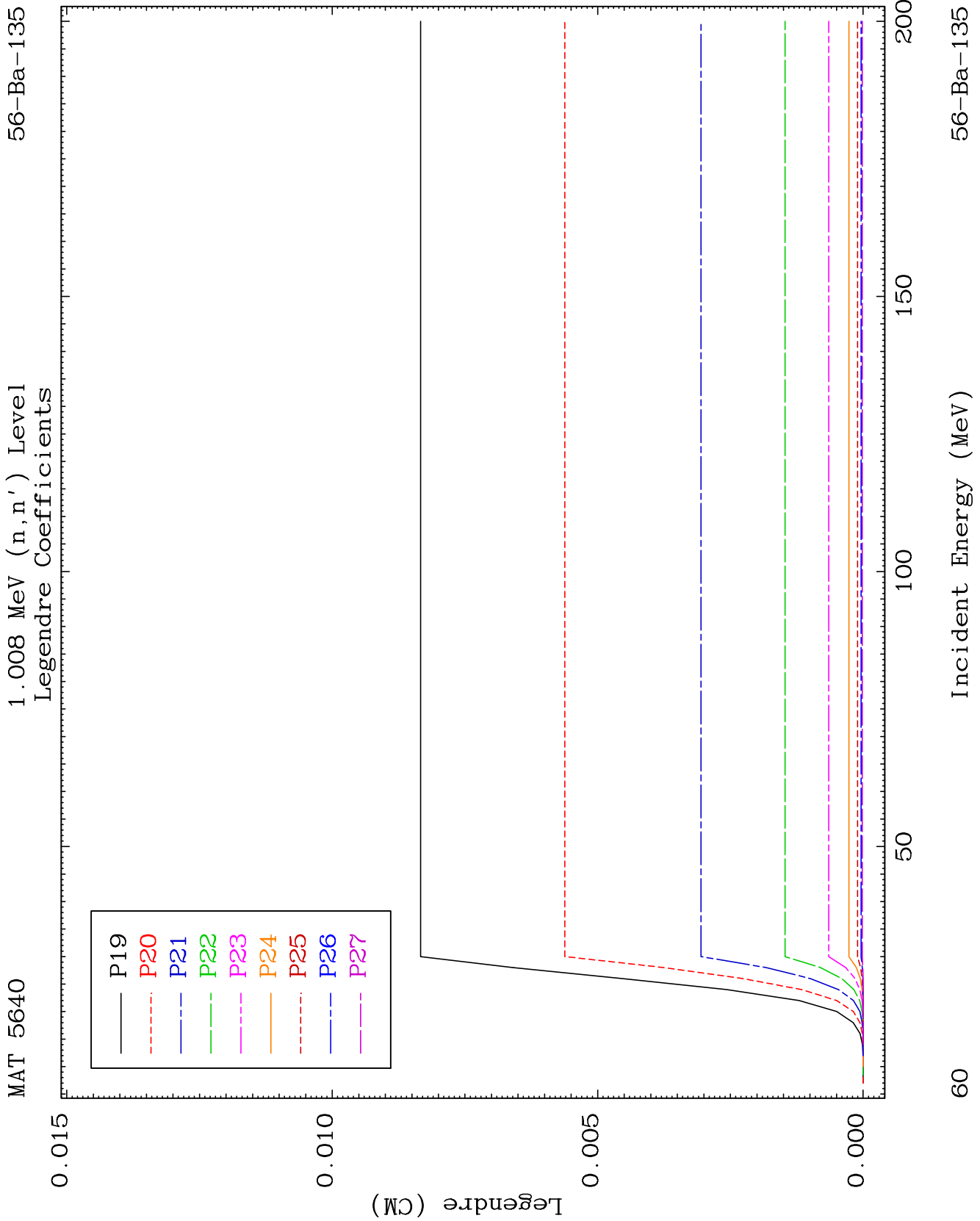


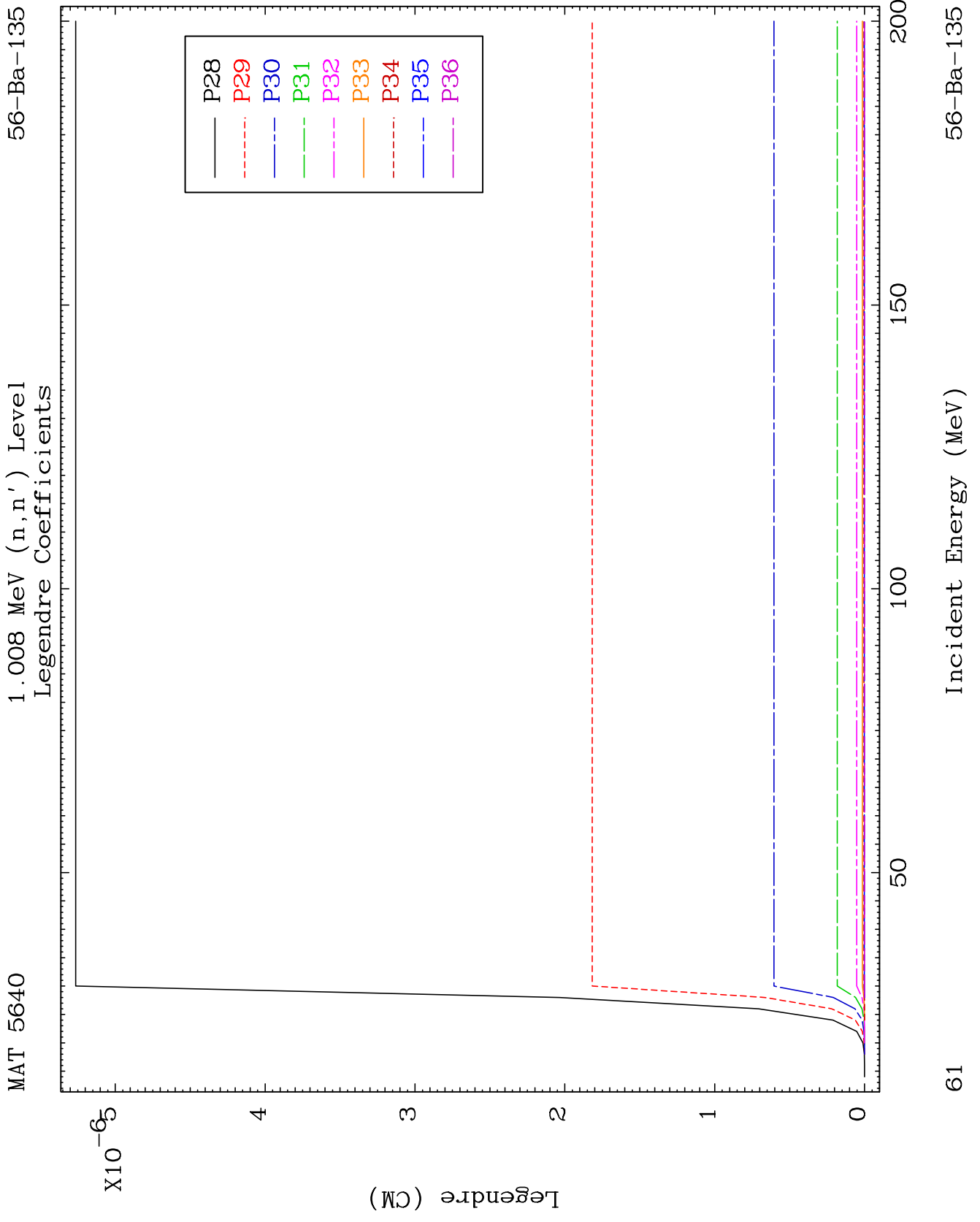


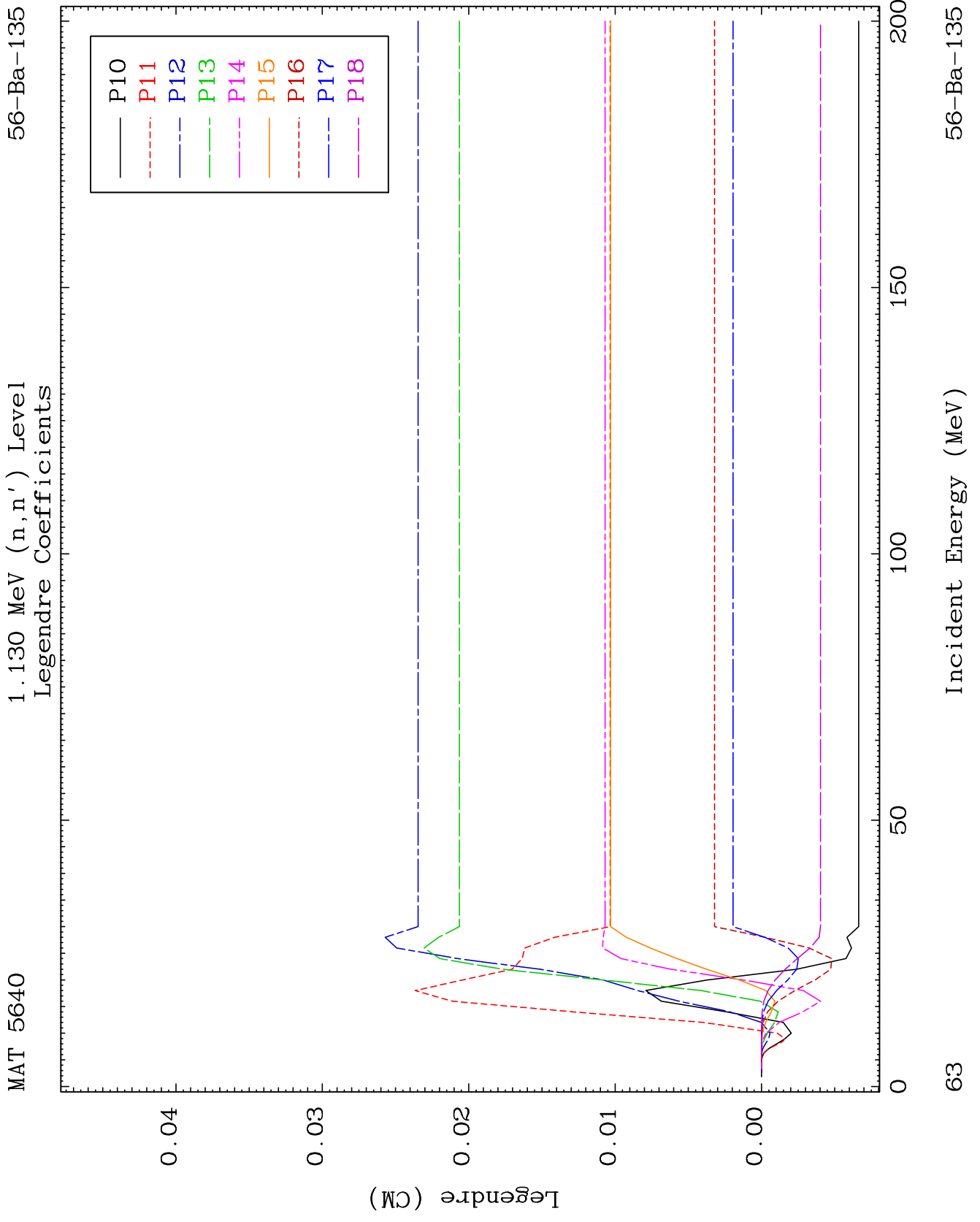








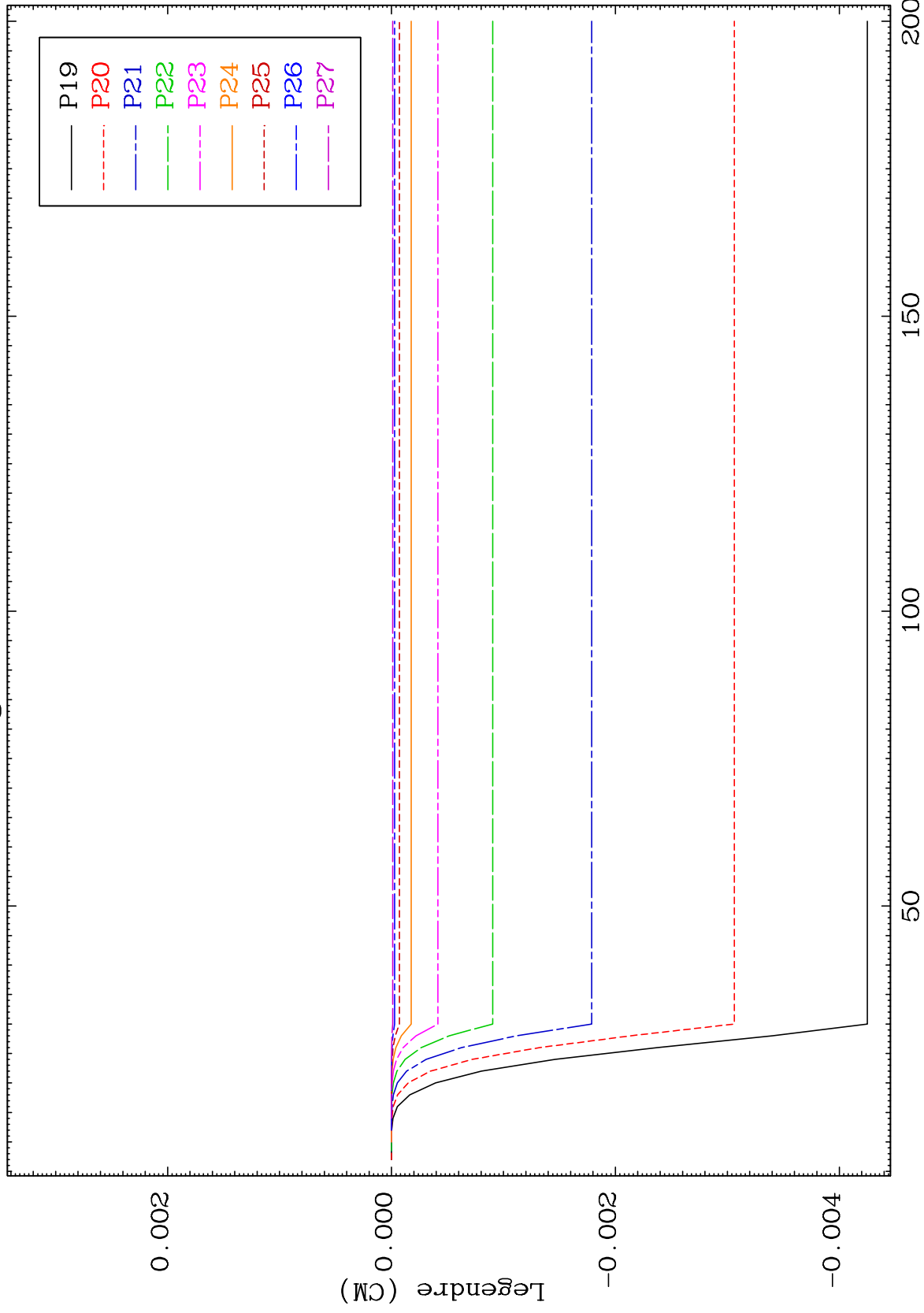




MAT 5640

1.130 MeV (n,n') Level
Legendre Coefficients

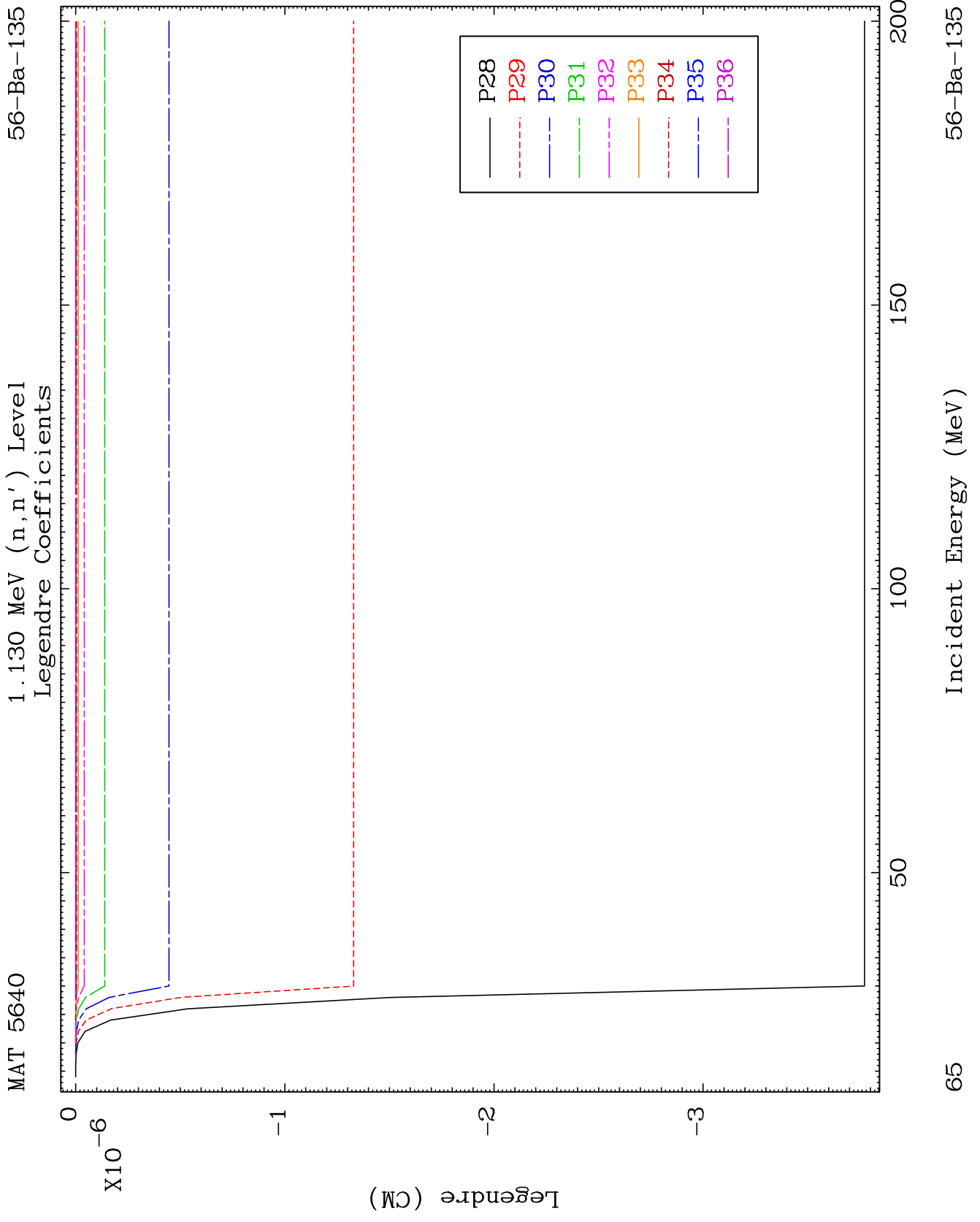
56-Ba-135

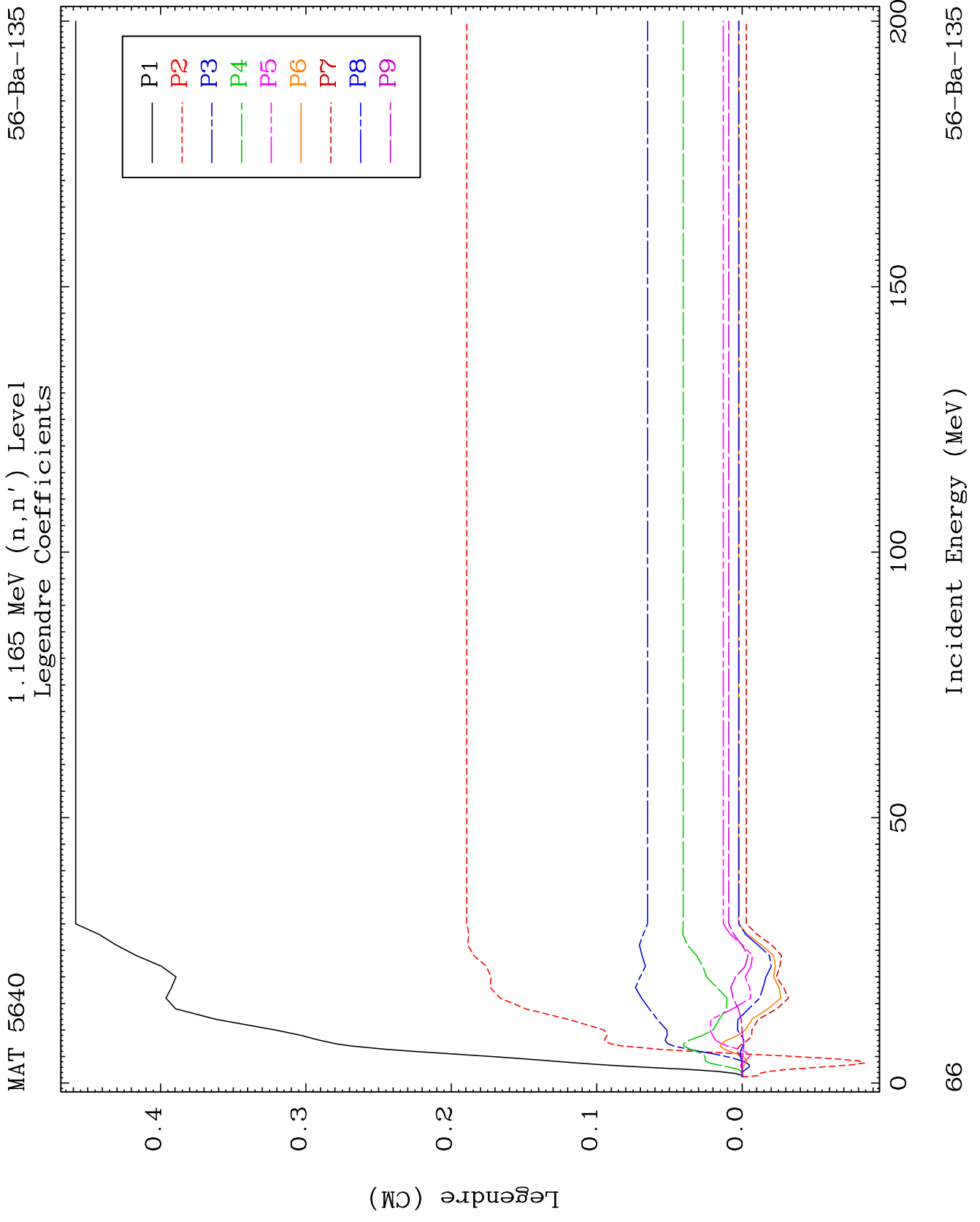


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Incident Energy (MeV)

56-Ba-135

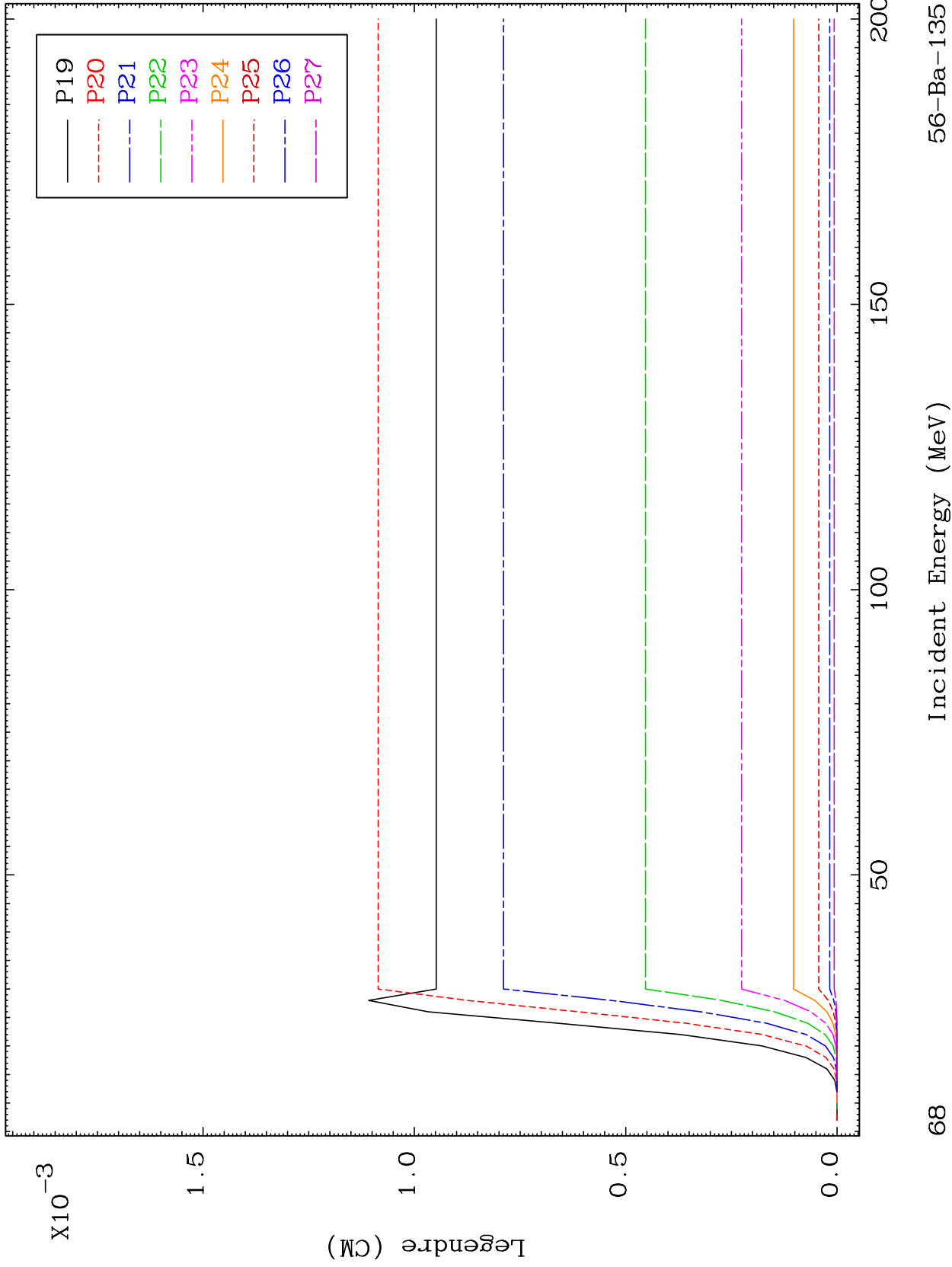


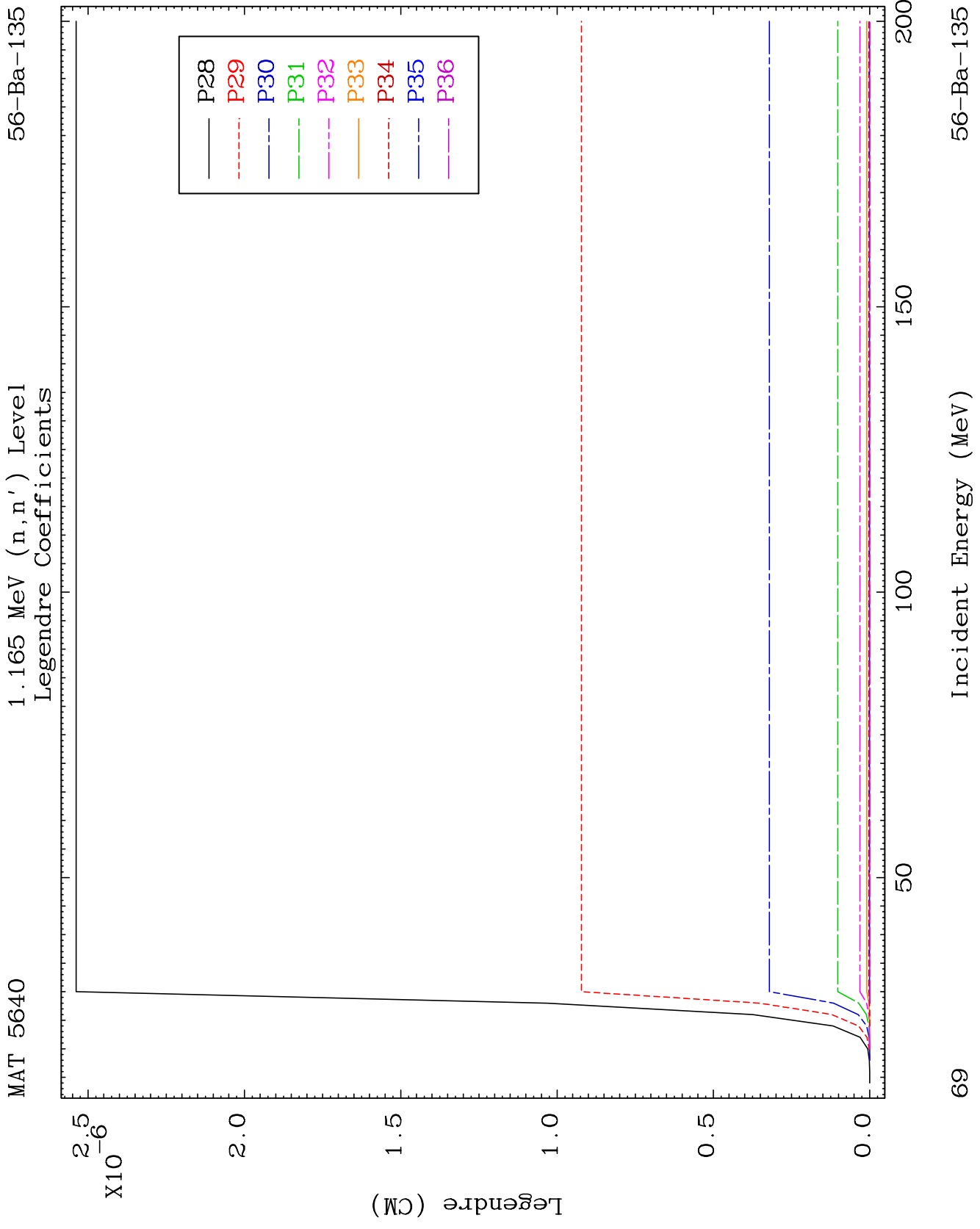


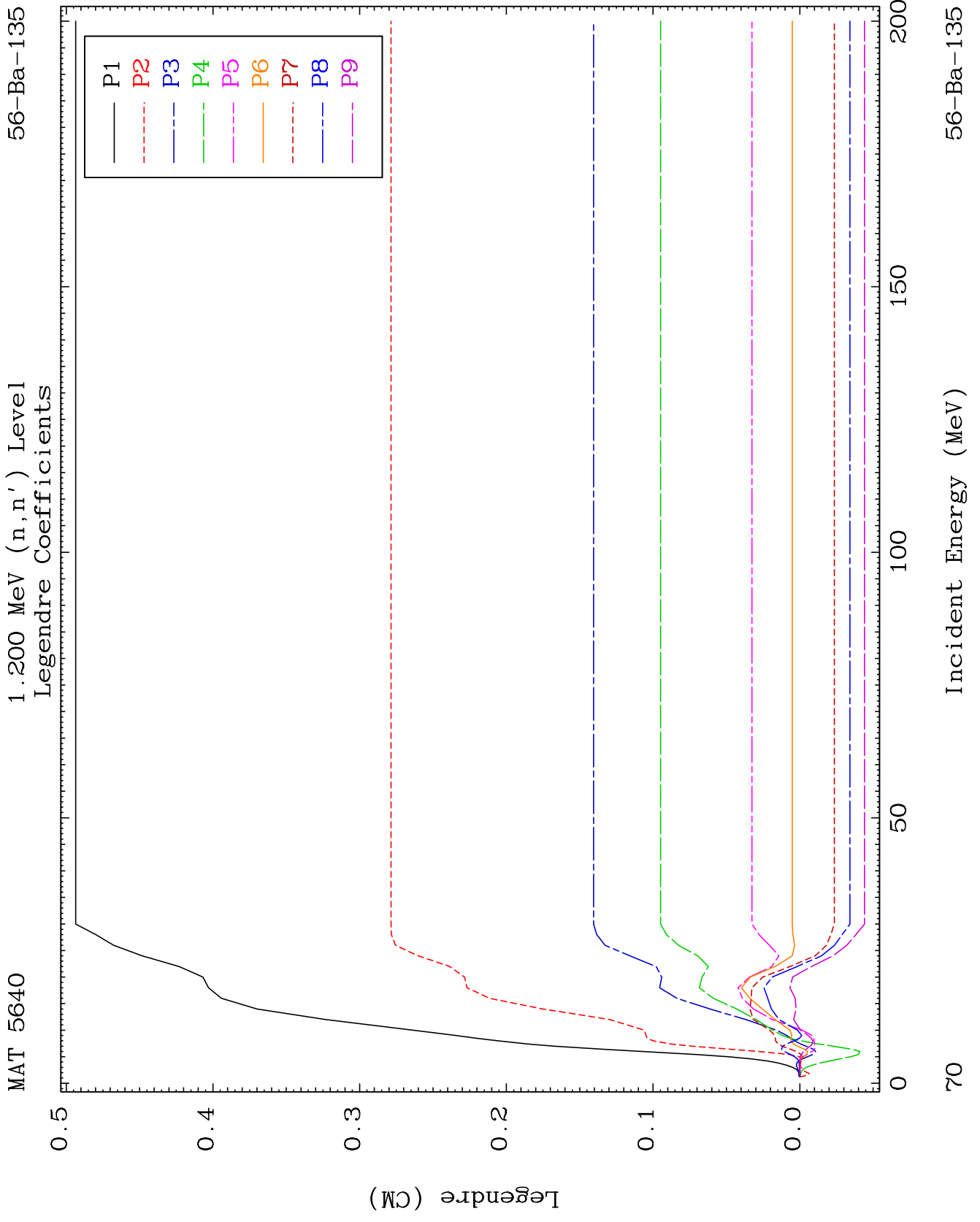
MAT 5640

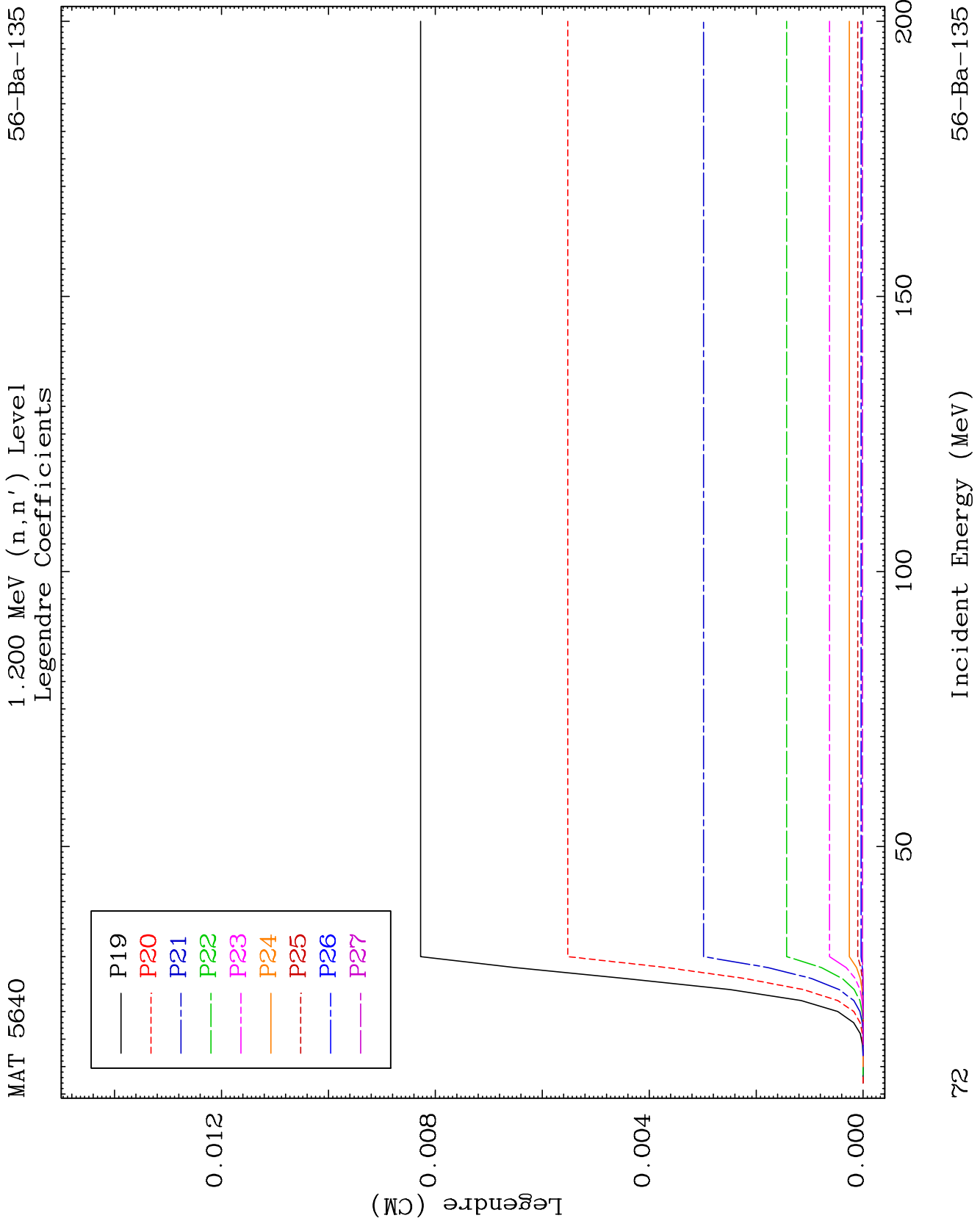
1.165 MeV (n,n') Level
Legendre Coefficients

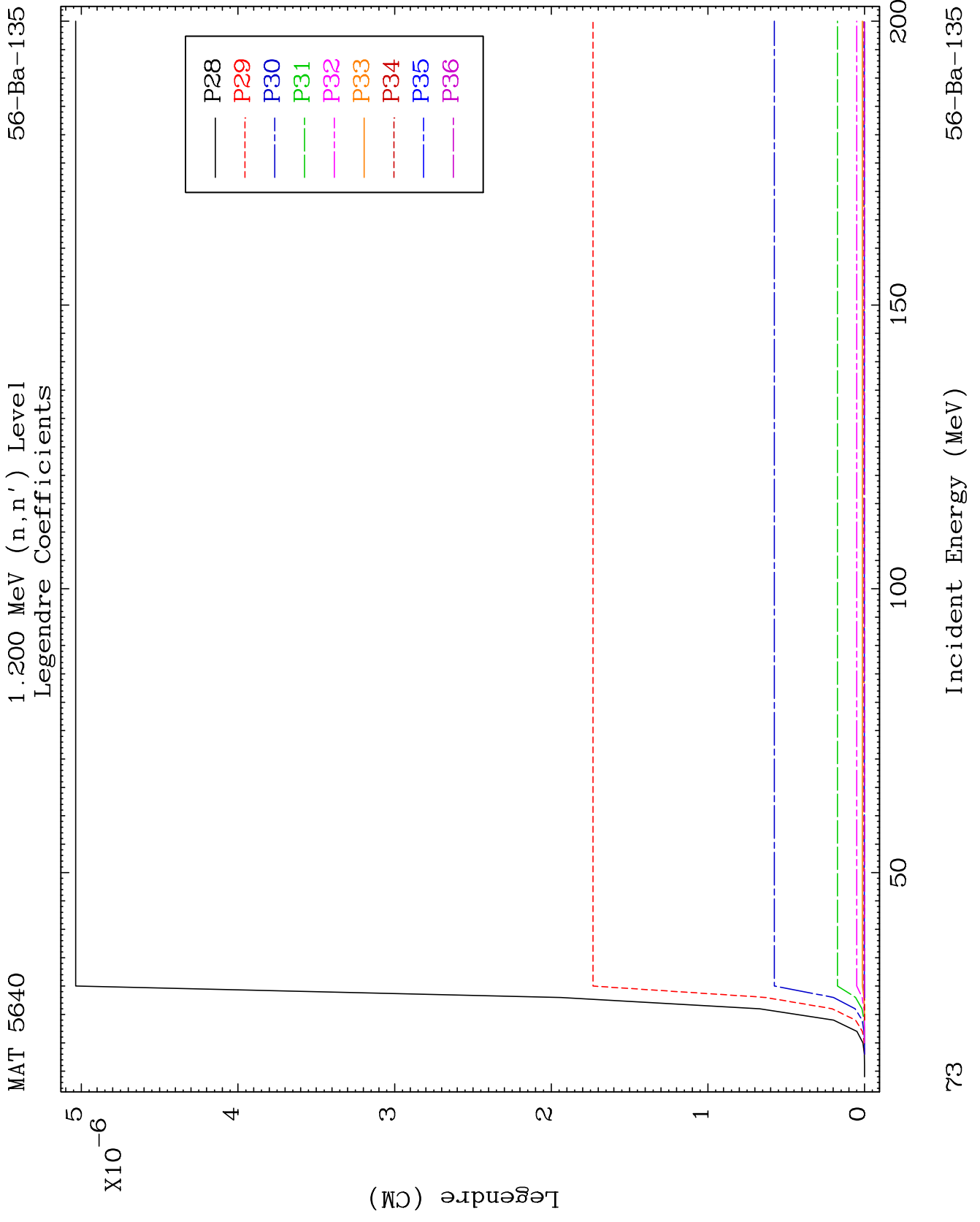
56-Ba-135







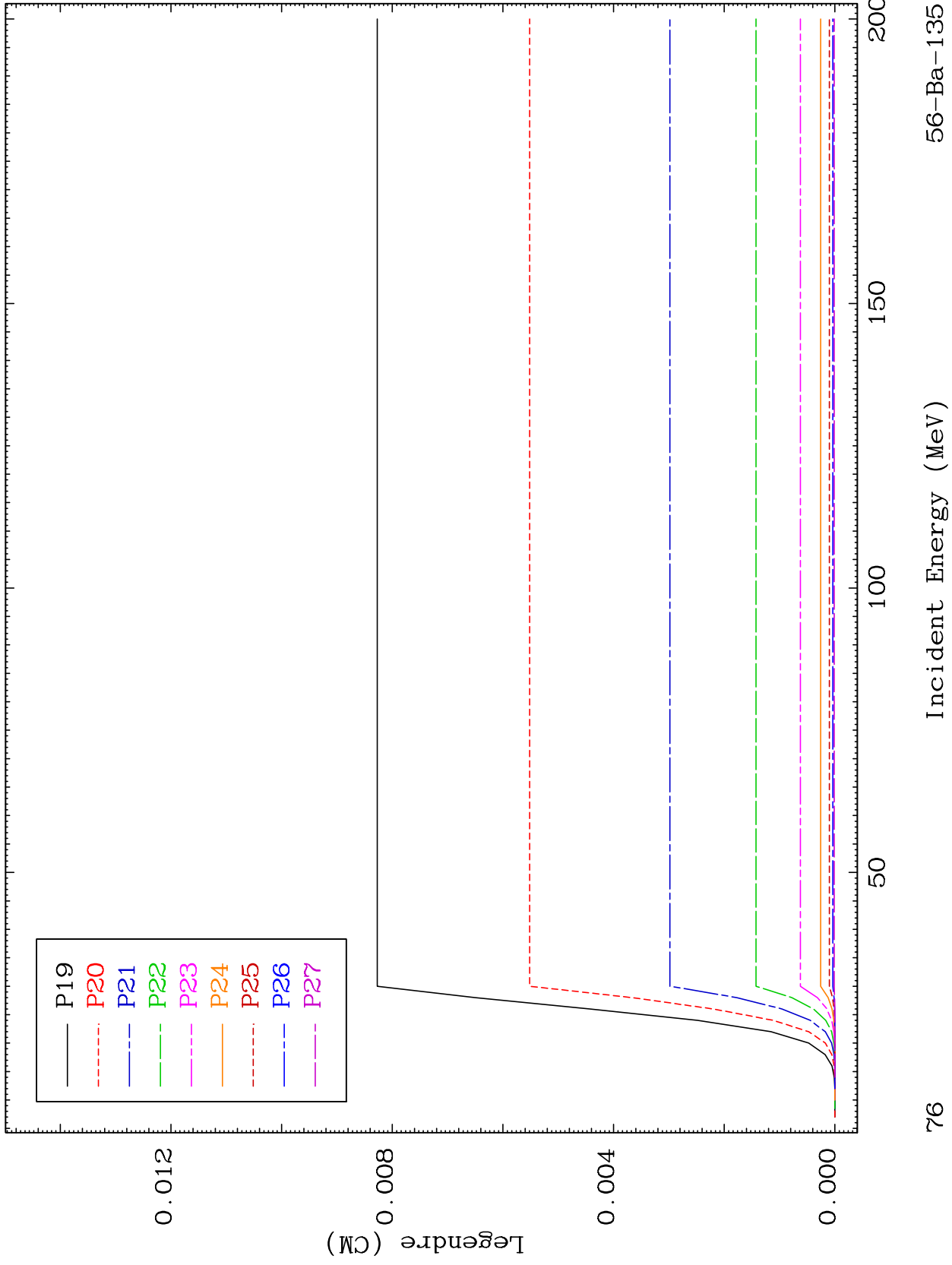




MAT 5640

1.214 MeV (n,n') Level
Legendre Coefficients

56-Ba-135

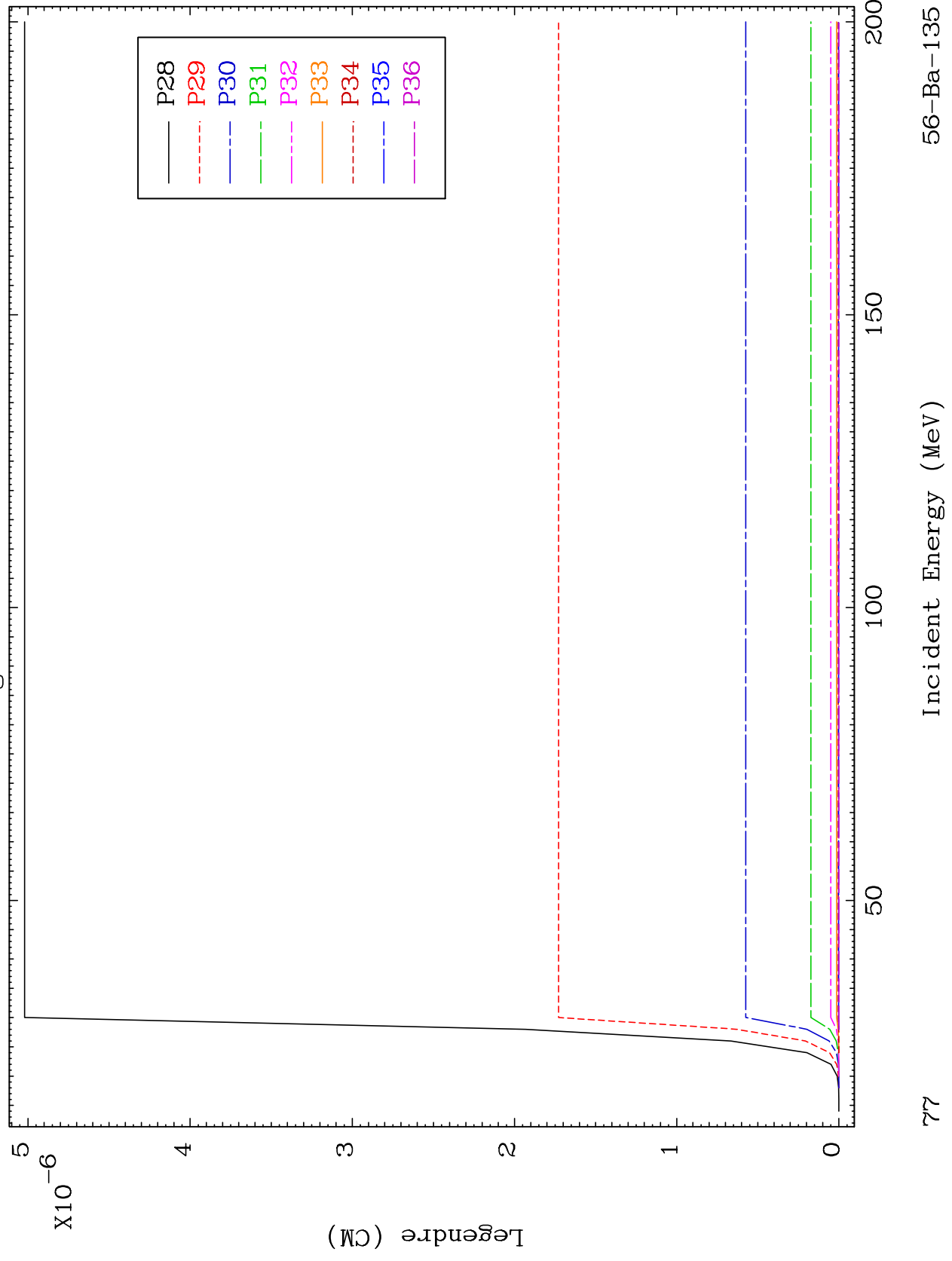


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Incident Energy (MeV)

56-Ba-135

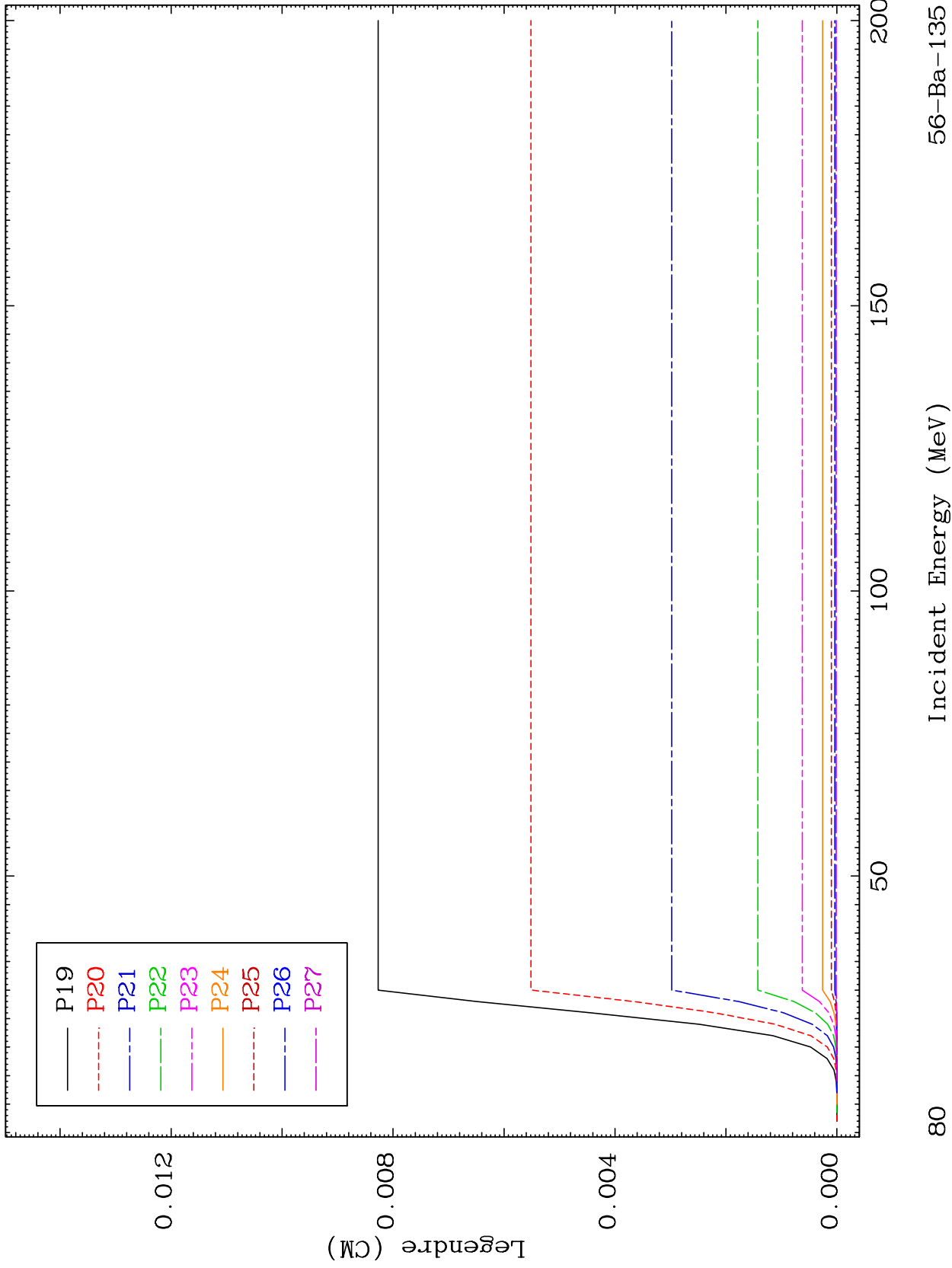
MAT 5640 1.214 MeV (n, n') Level Legendre Coefficients 56-Ba-135



MAT 5640

1.226 MeV (n,n') Level
Legendre Coefficients

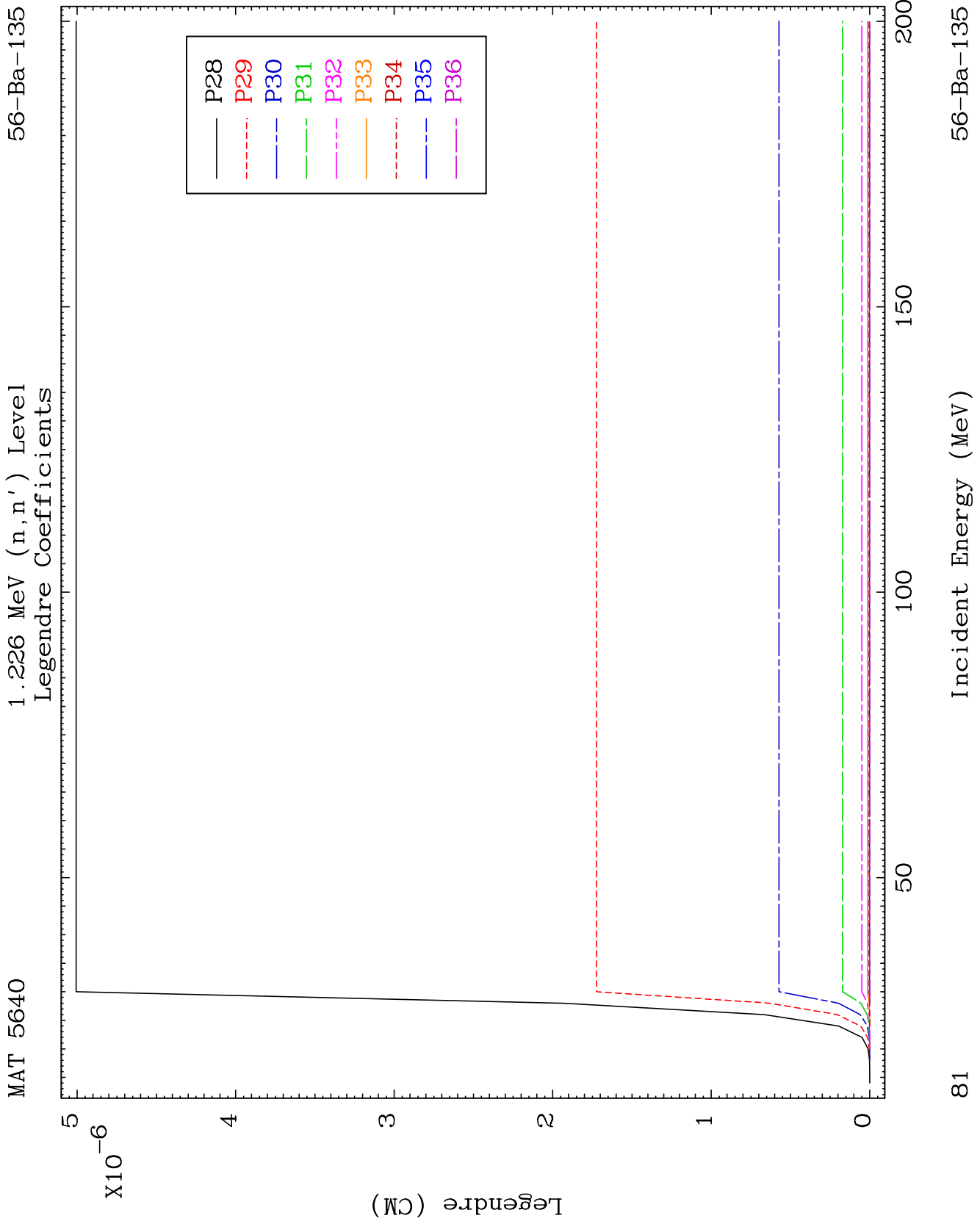
56-Ba-135

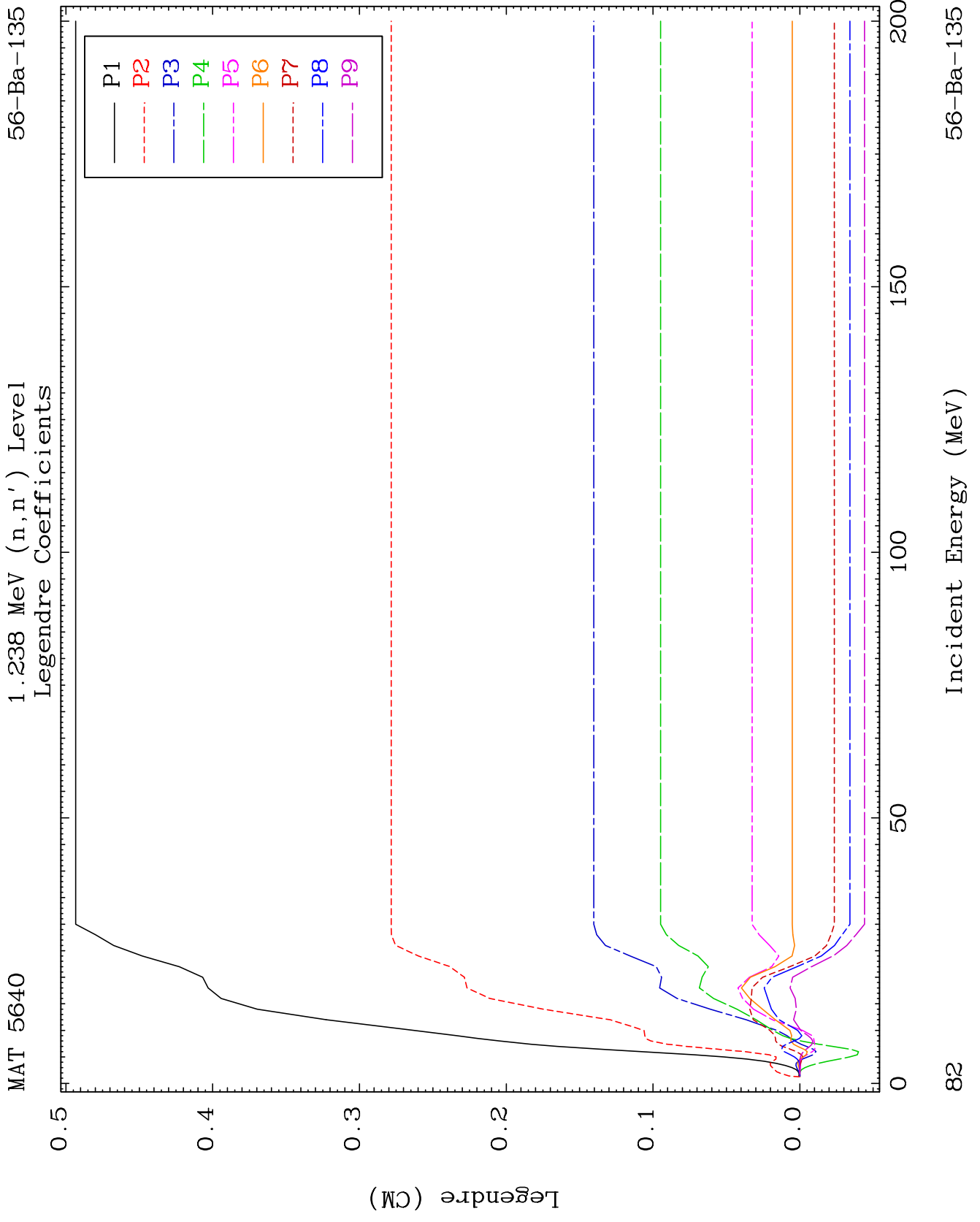


80

Incident Energy (MeV)

56-Ba-135

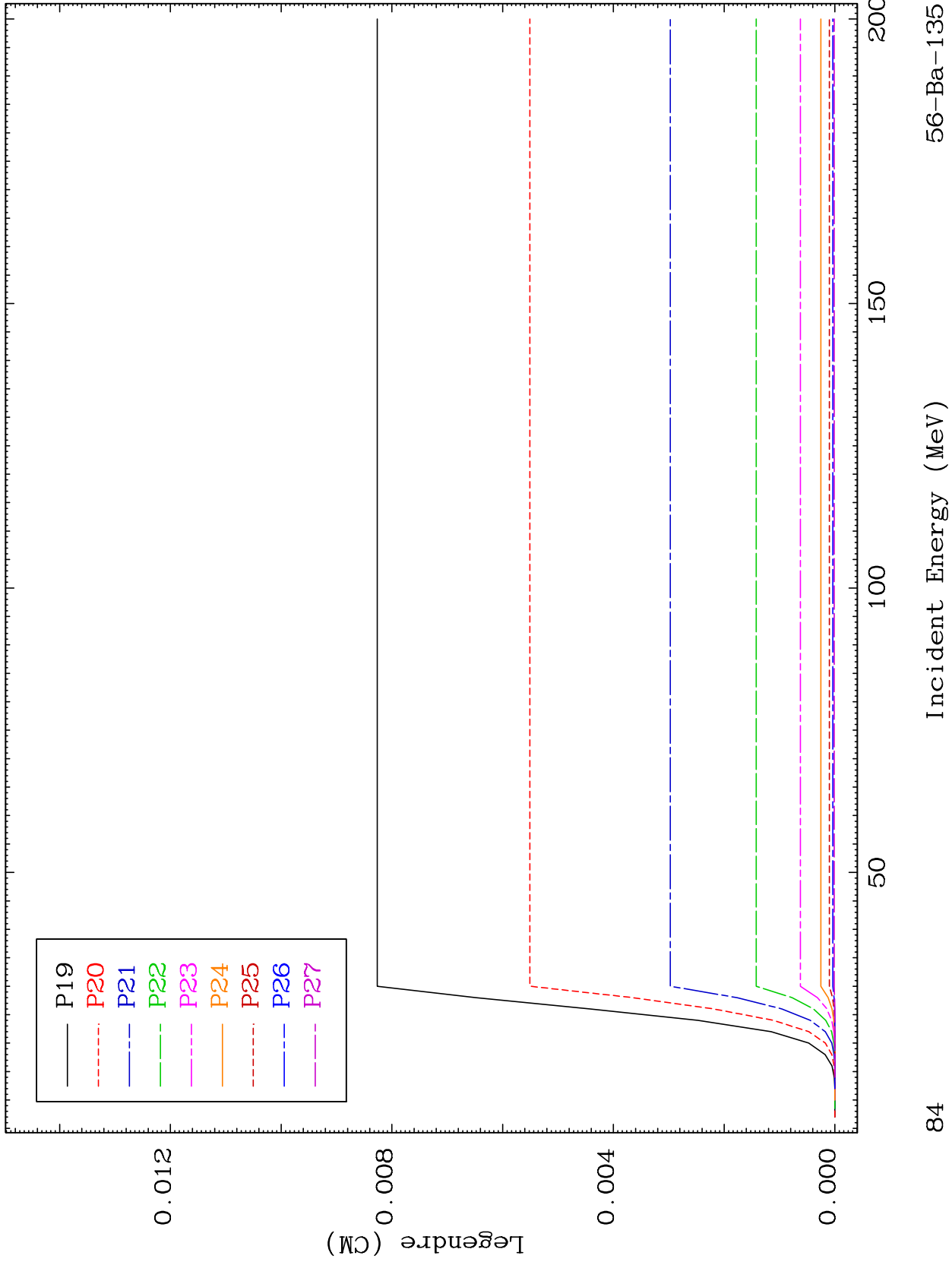




MAT 5640

1.238 MeV (n,n') Level
Legendre Coefficients

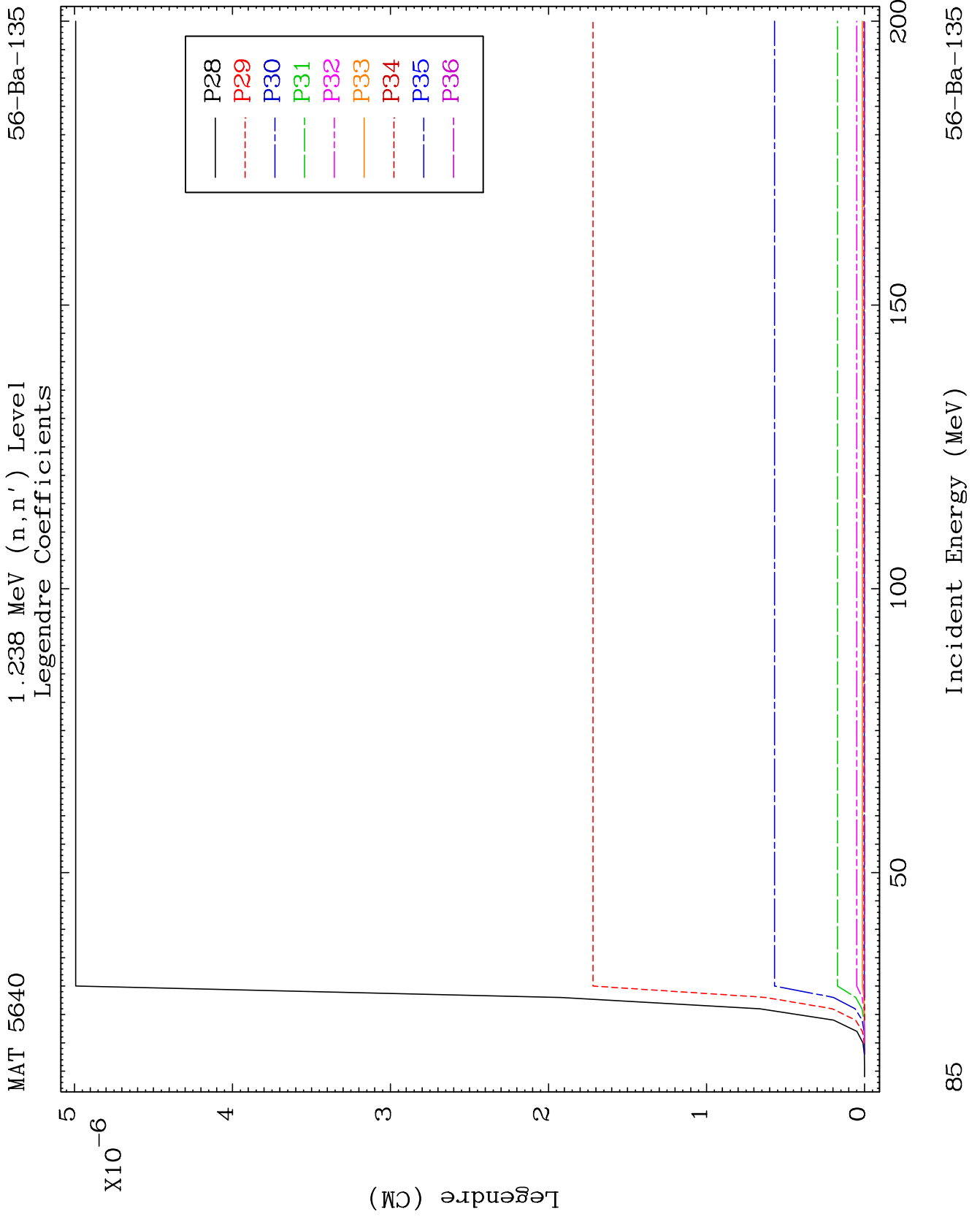
56-Ba-135



84

Incident Energy (MeV)

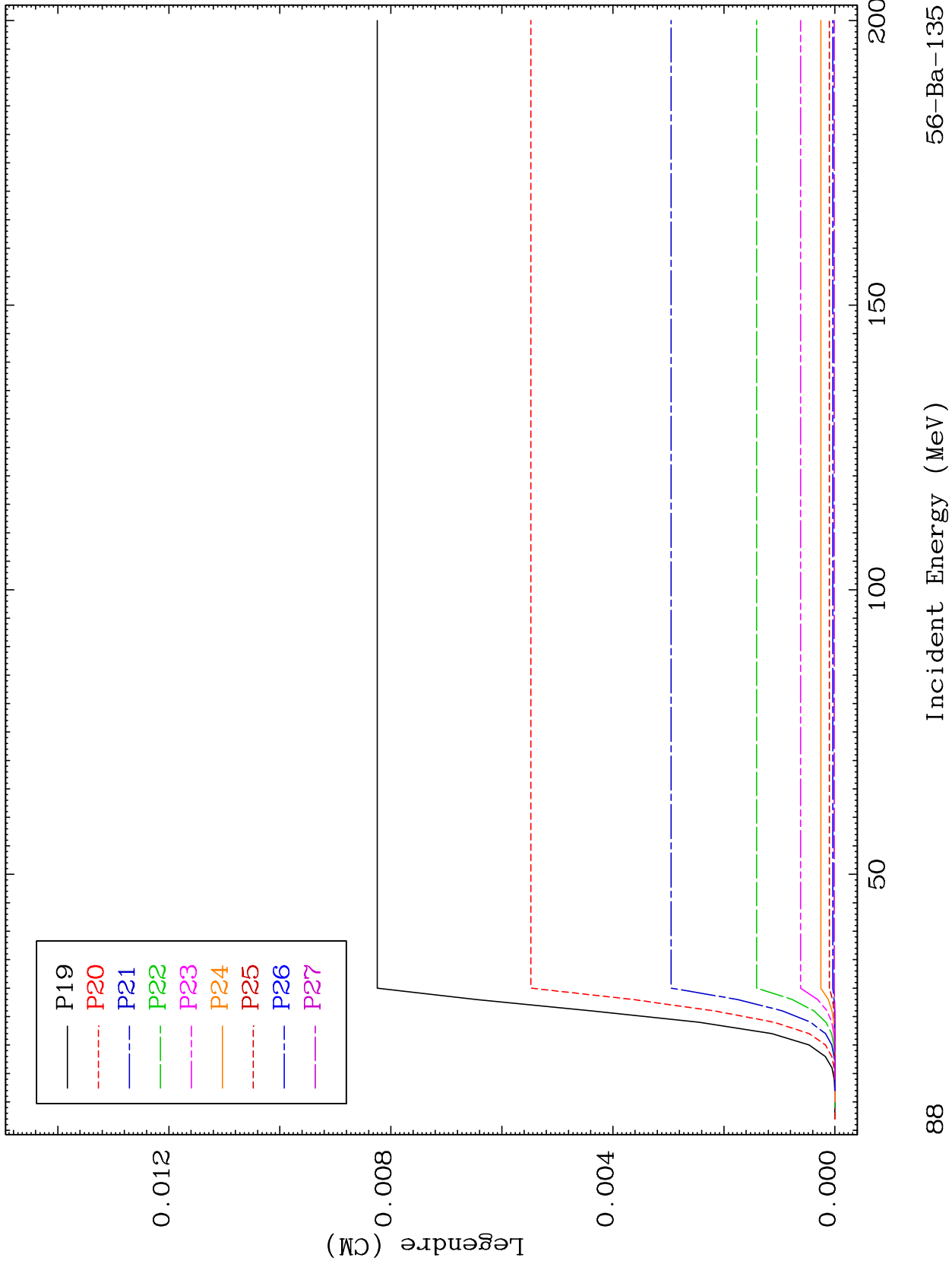
56-Ba-135



MAT 5640

1.299 MeV (n,n') Level
Legendre Coefficients

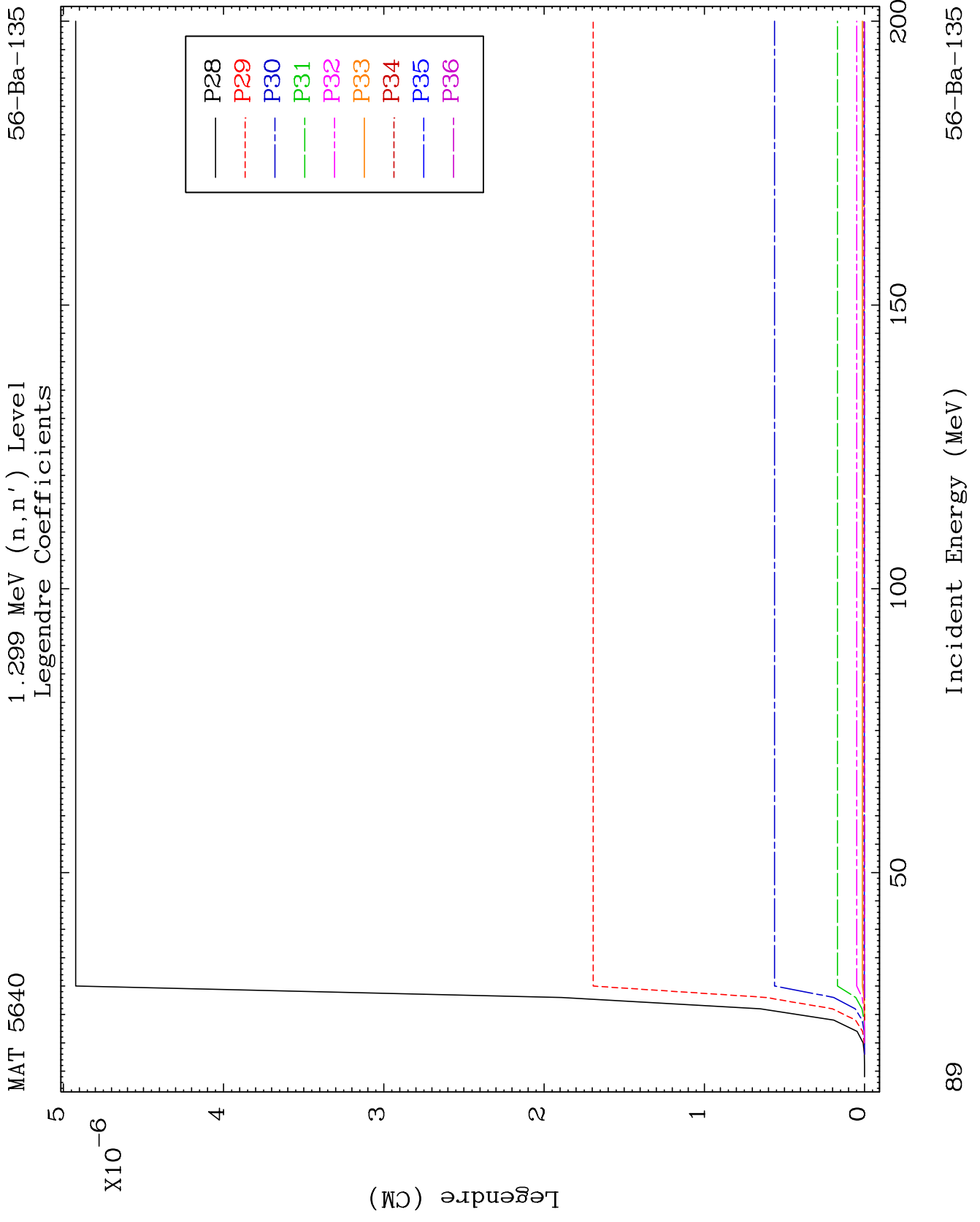
56-Ba-135

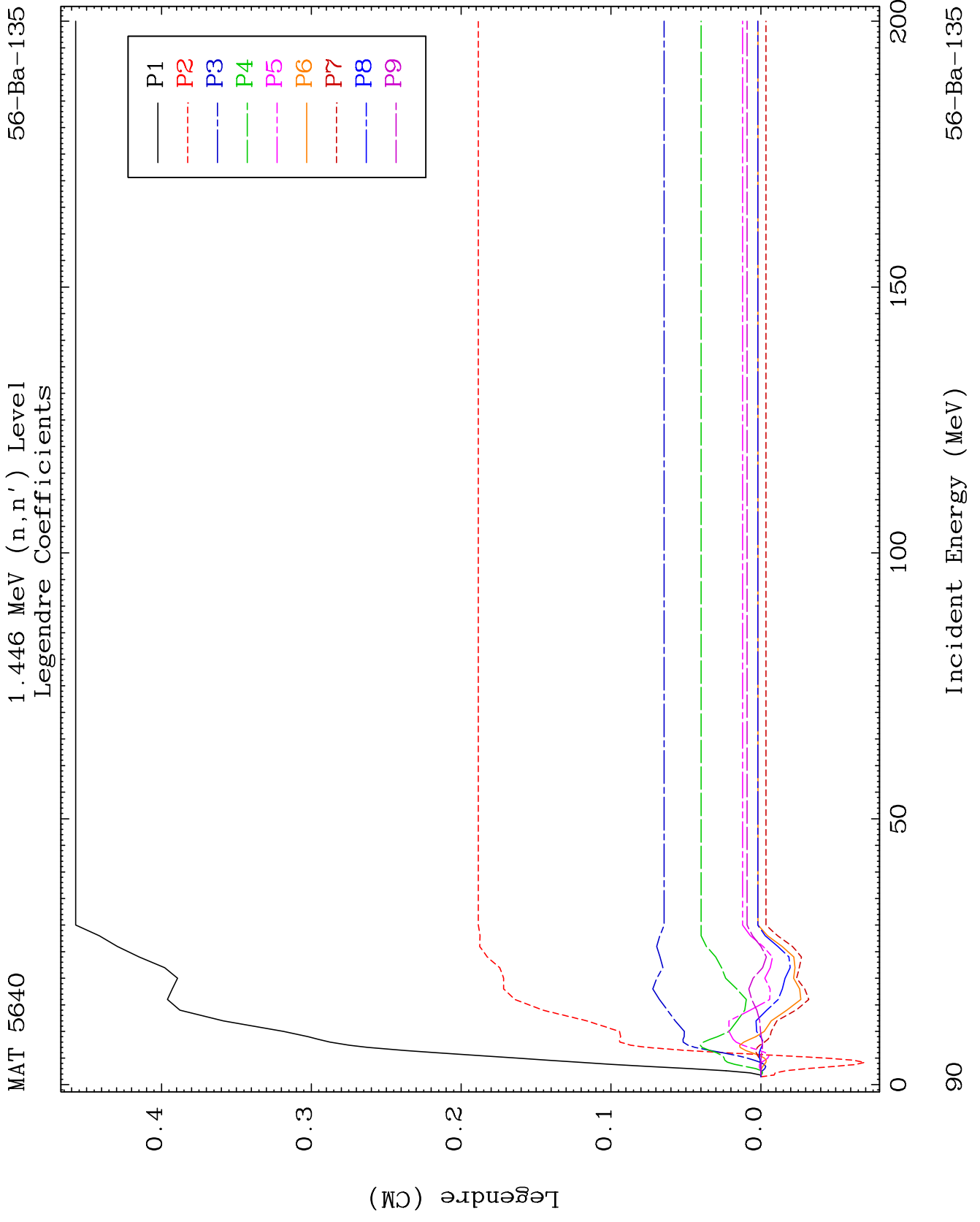


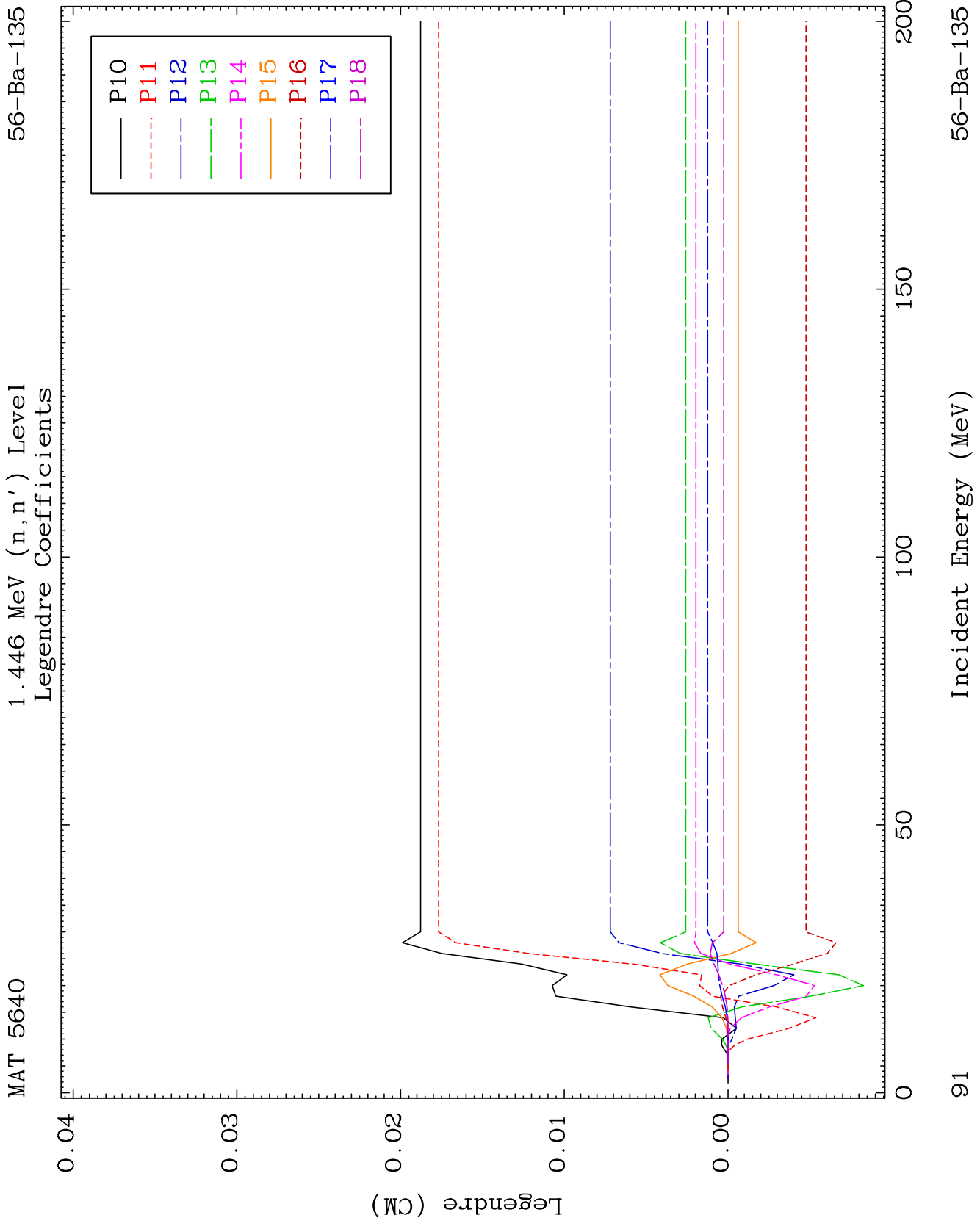
88

Incident Energy (MeV)

56-Ba-135



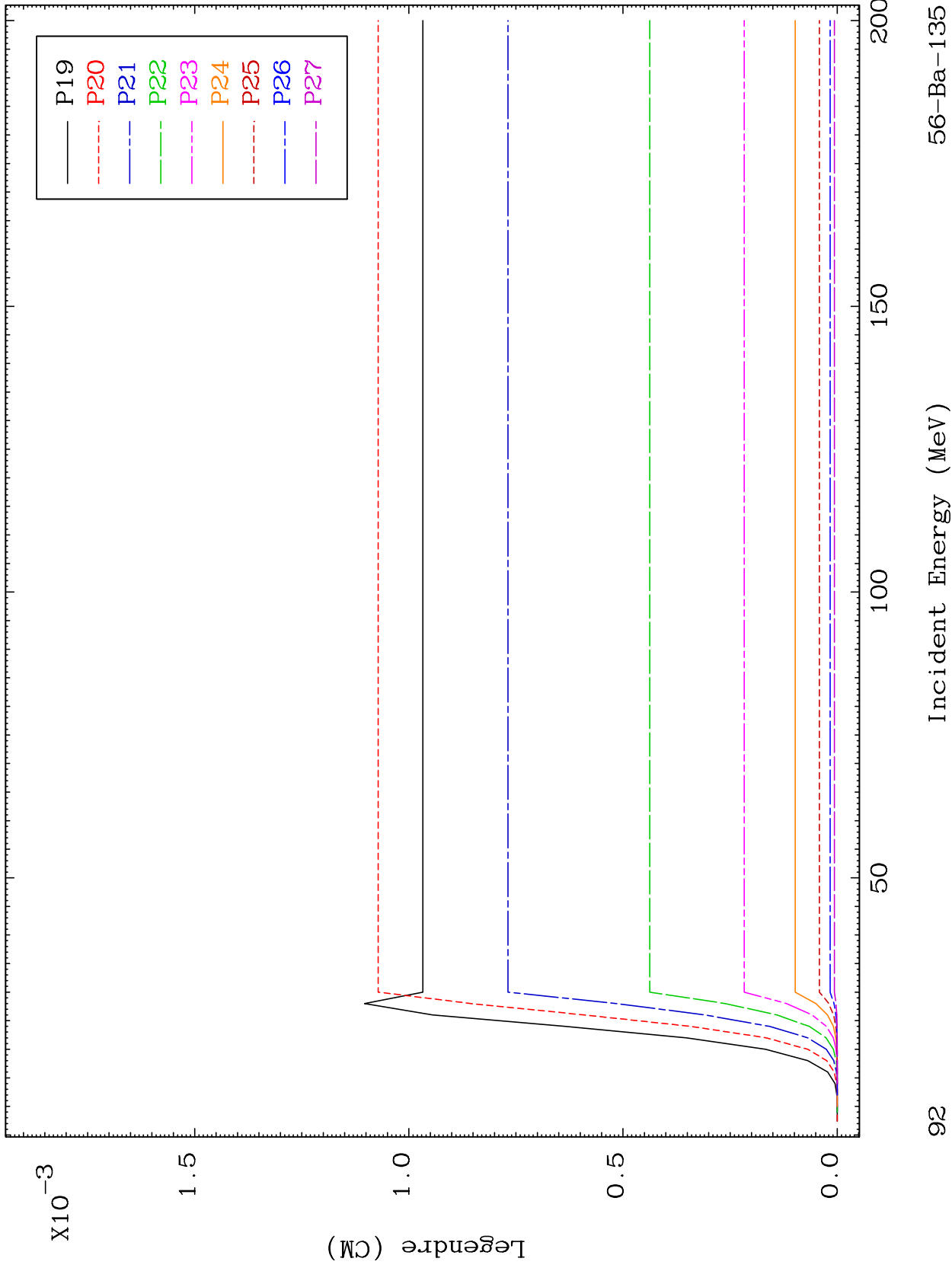




MAT 5640

1.446 MeV (n,n') Level
Legendre Coefficients

56-Ba-135

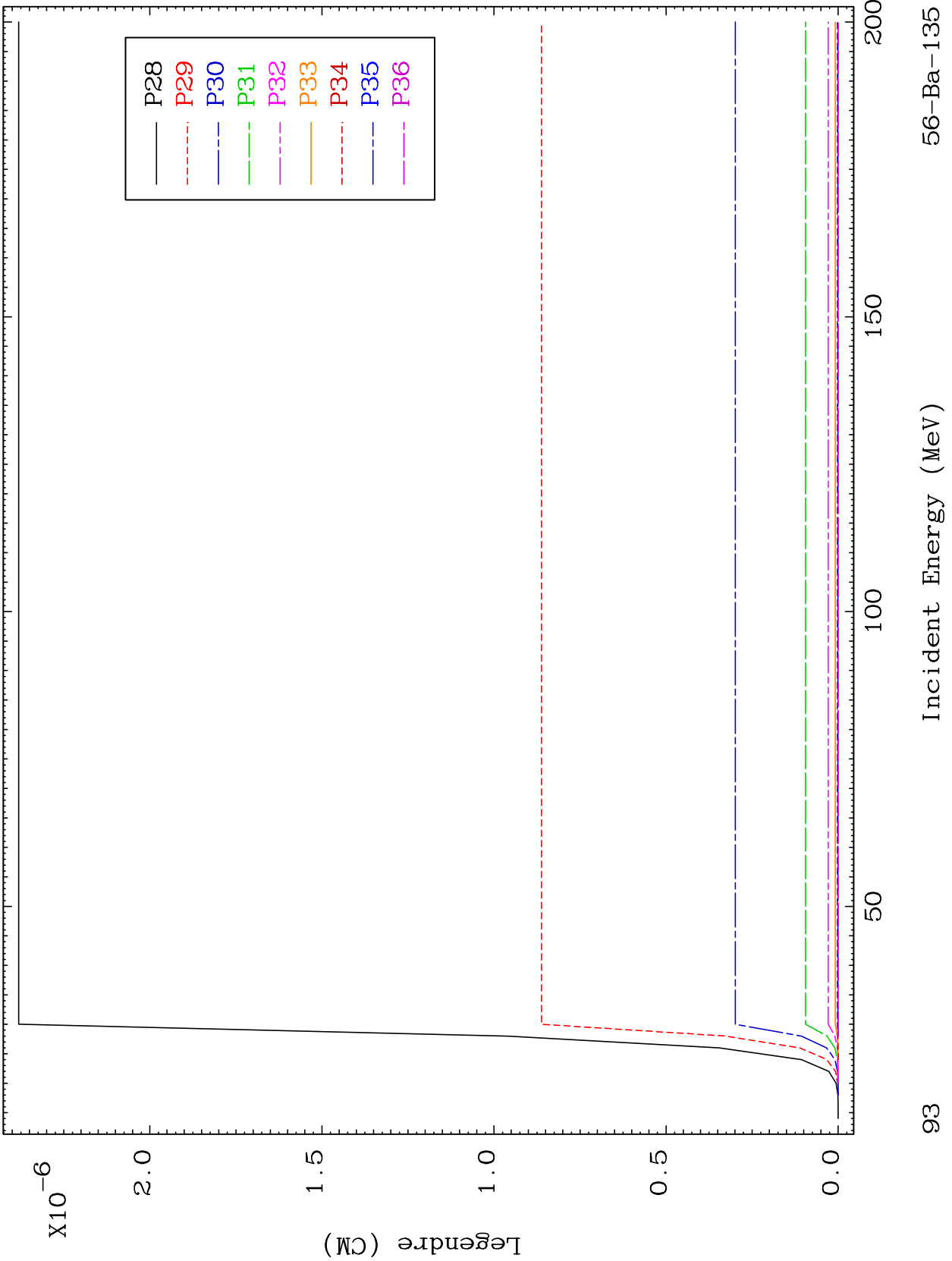


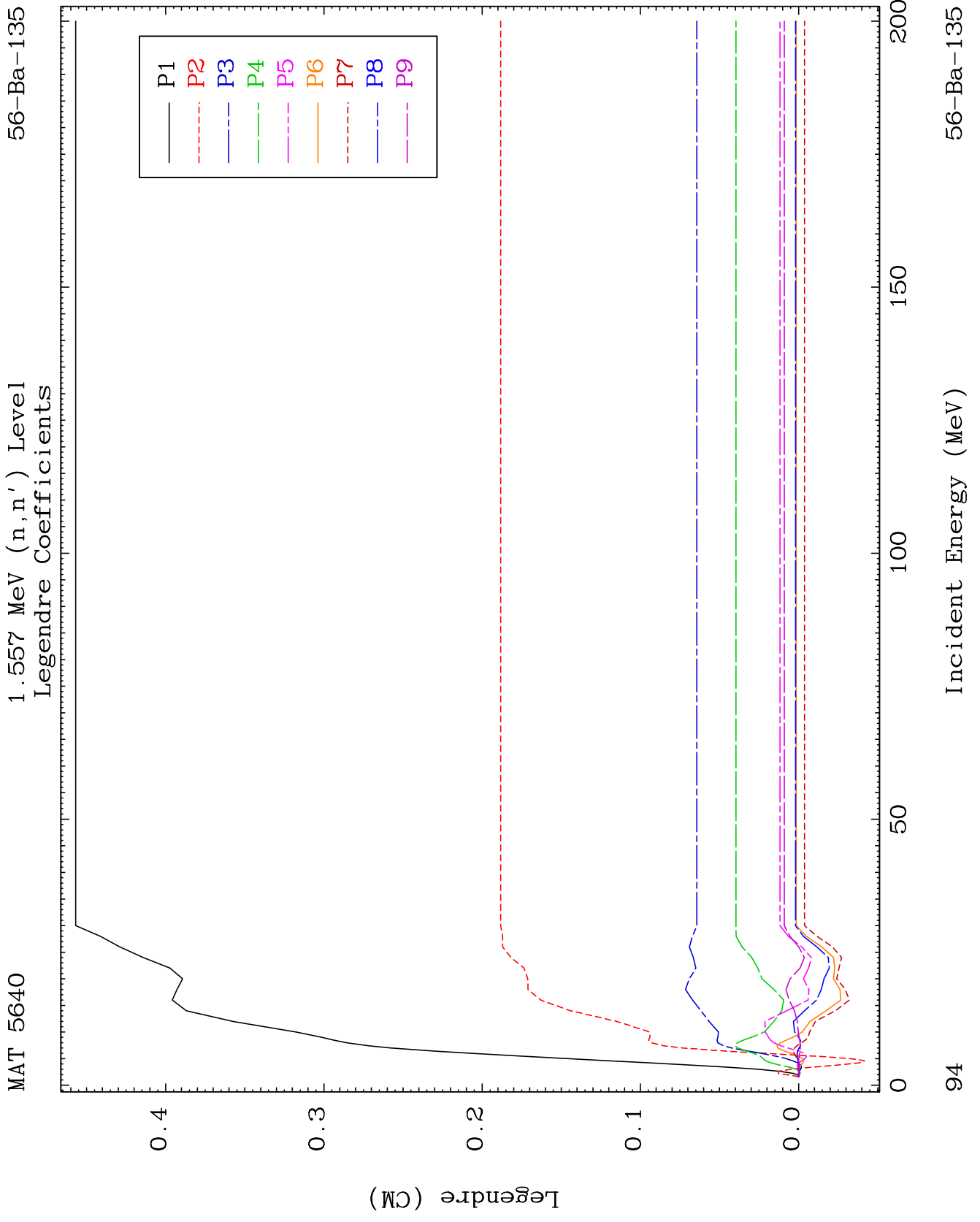
92

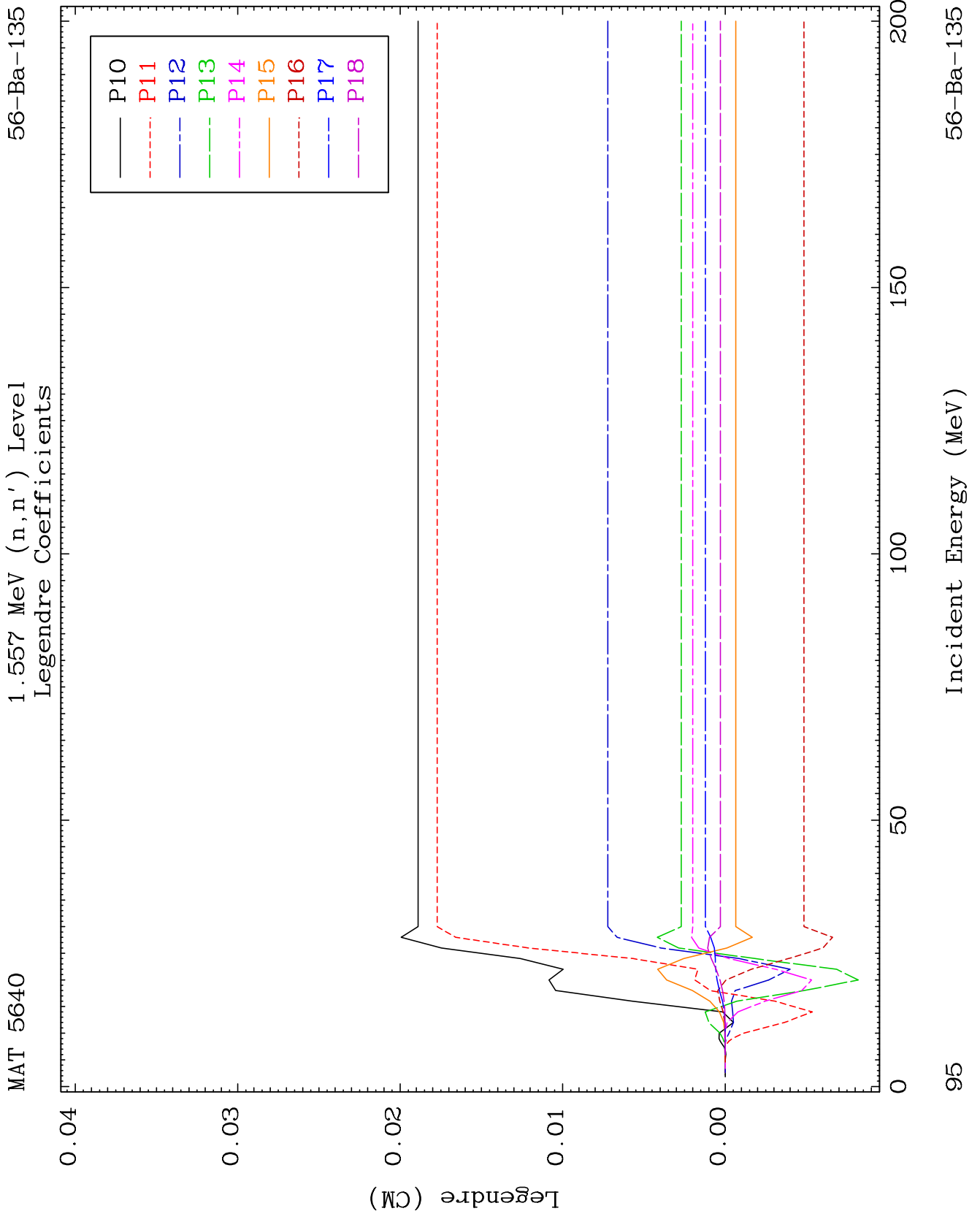
MAT 5640

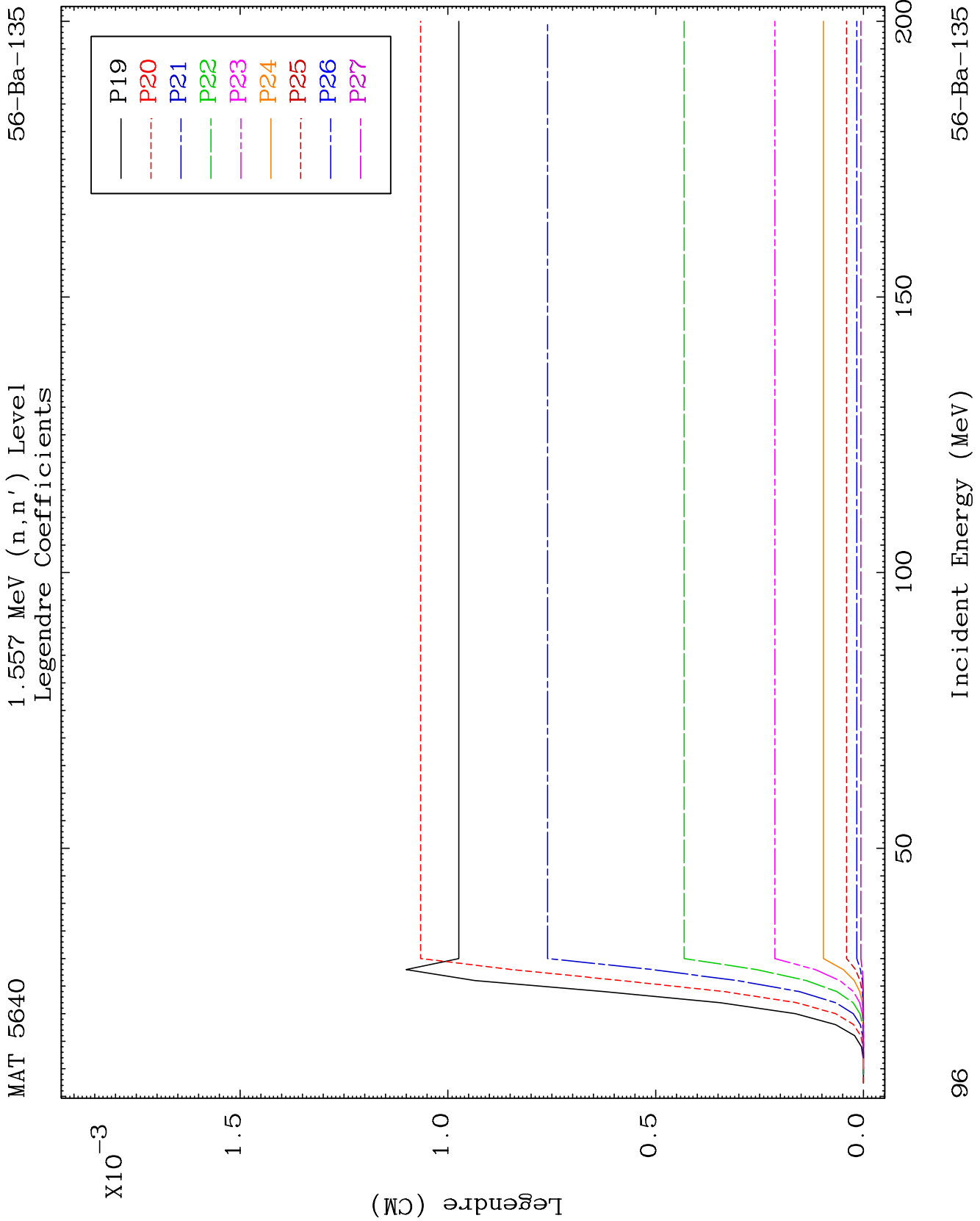
1.446 MeV (n, n') Level Legendre Coefficients

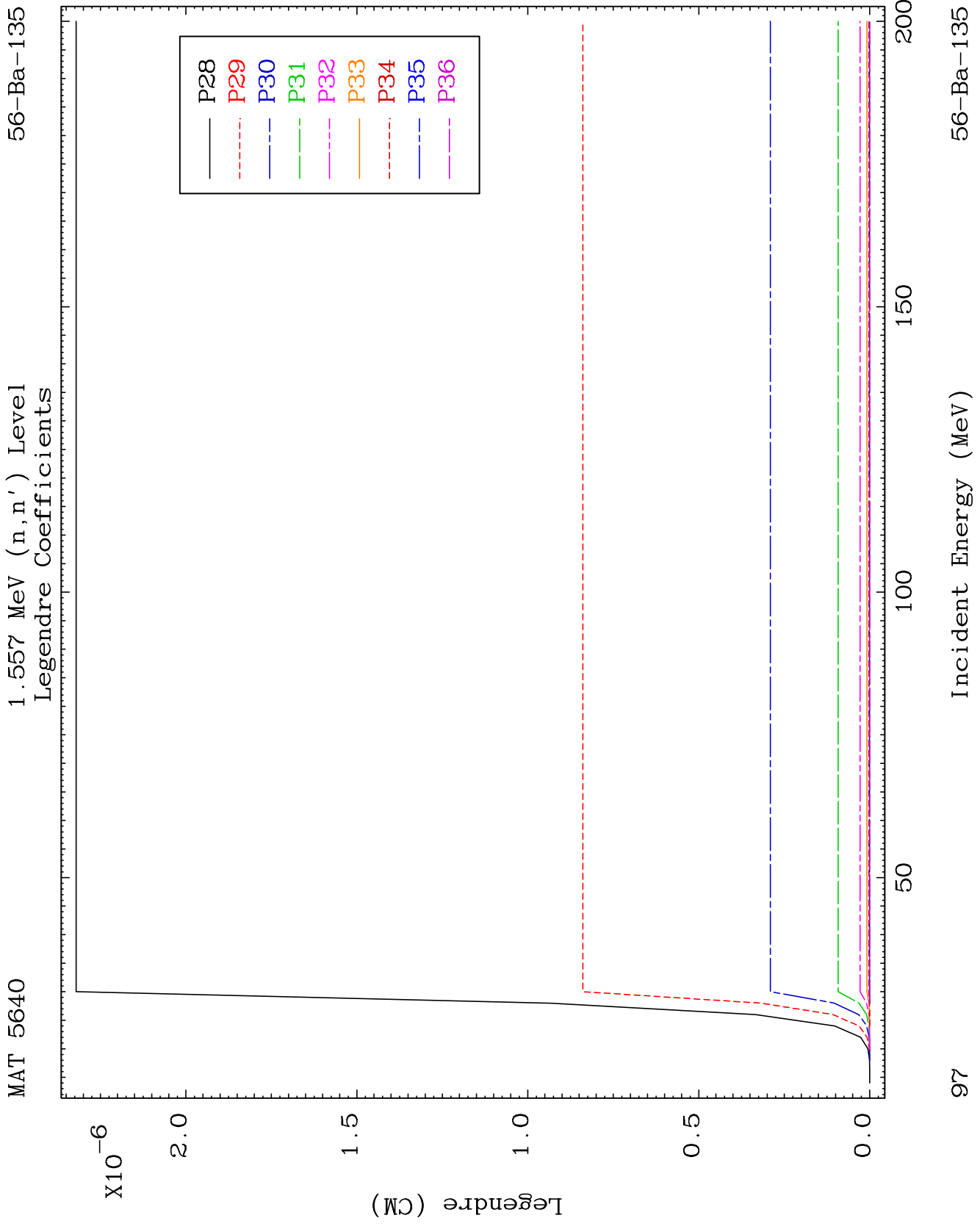
56-Ba-135

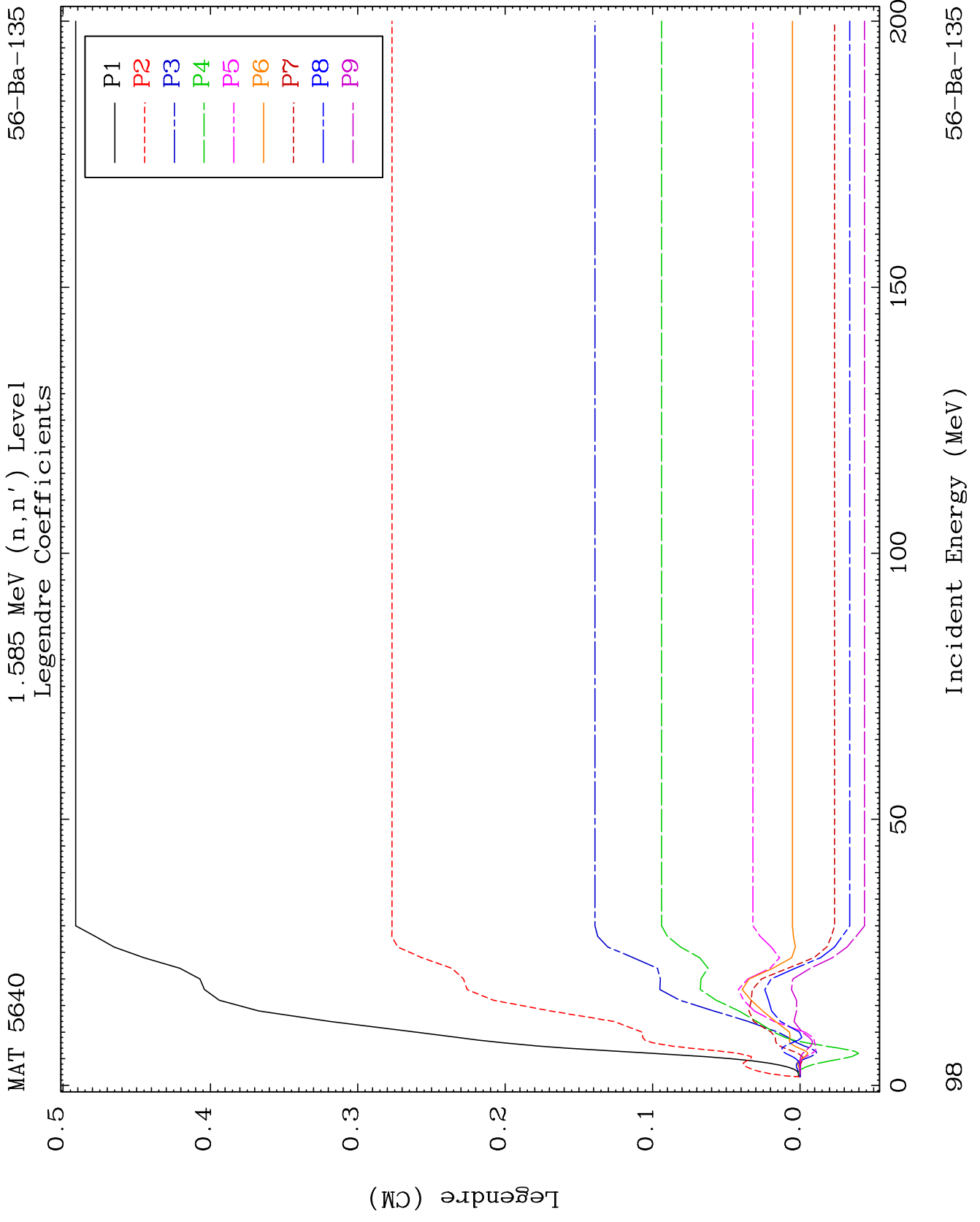


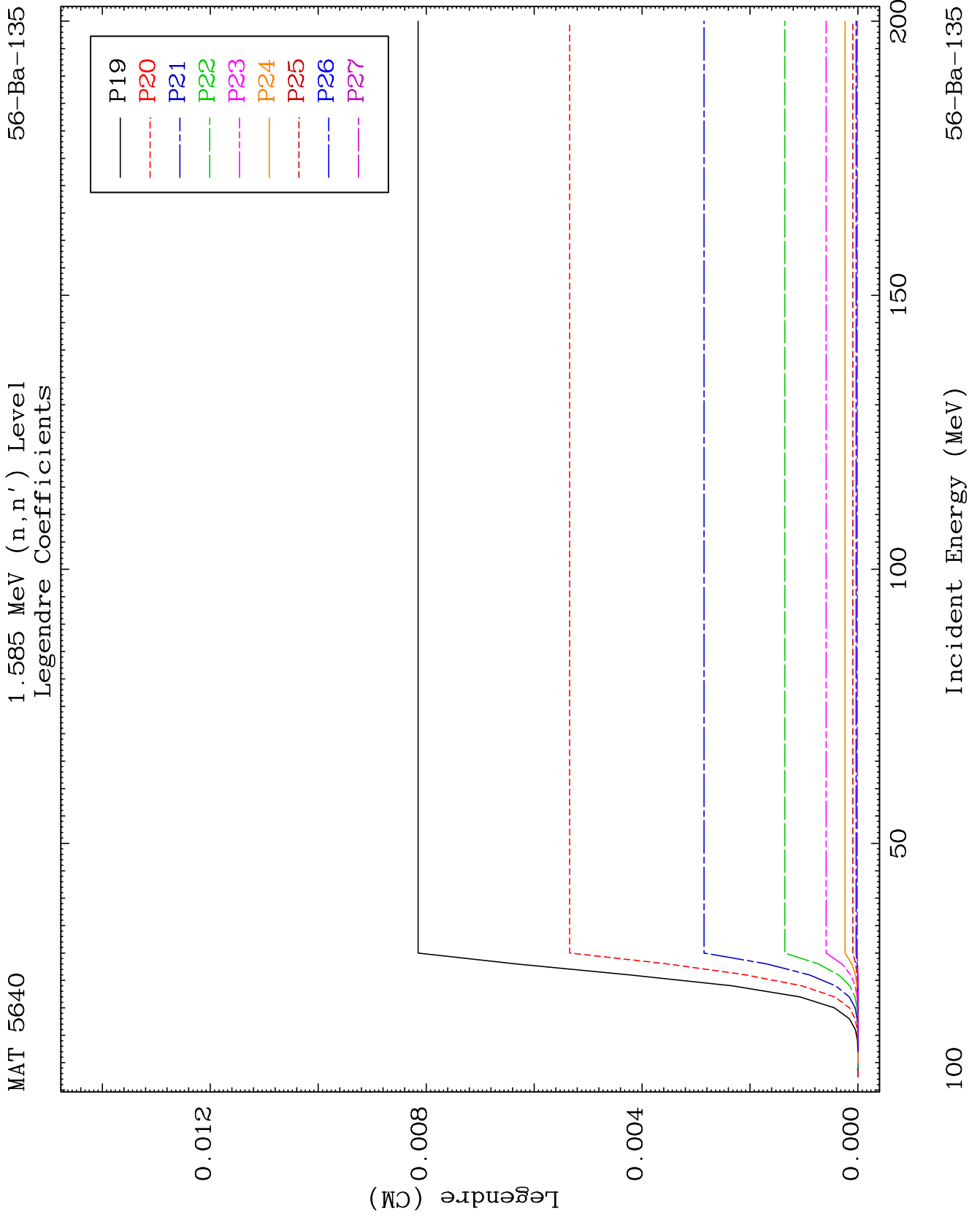


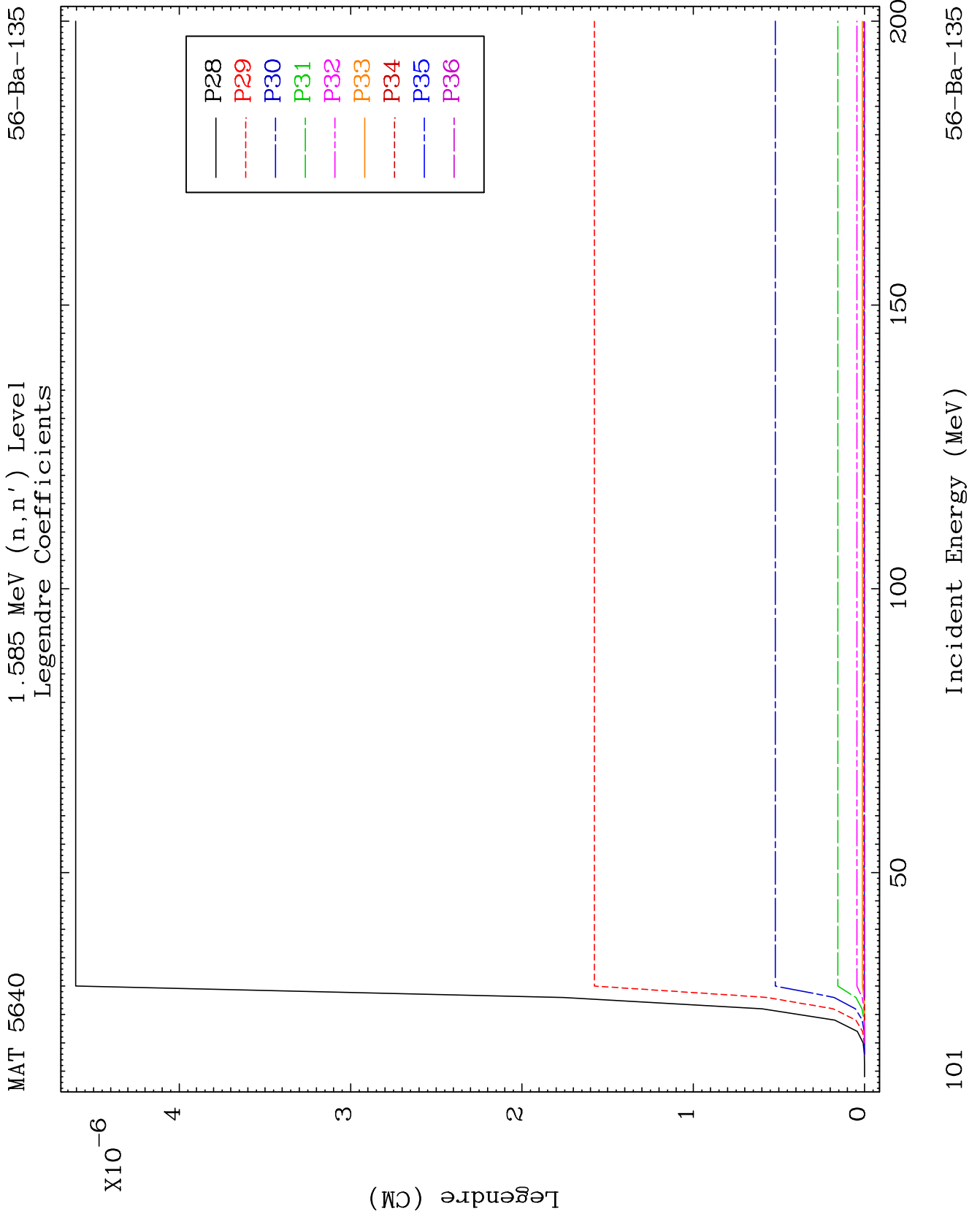


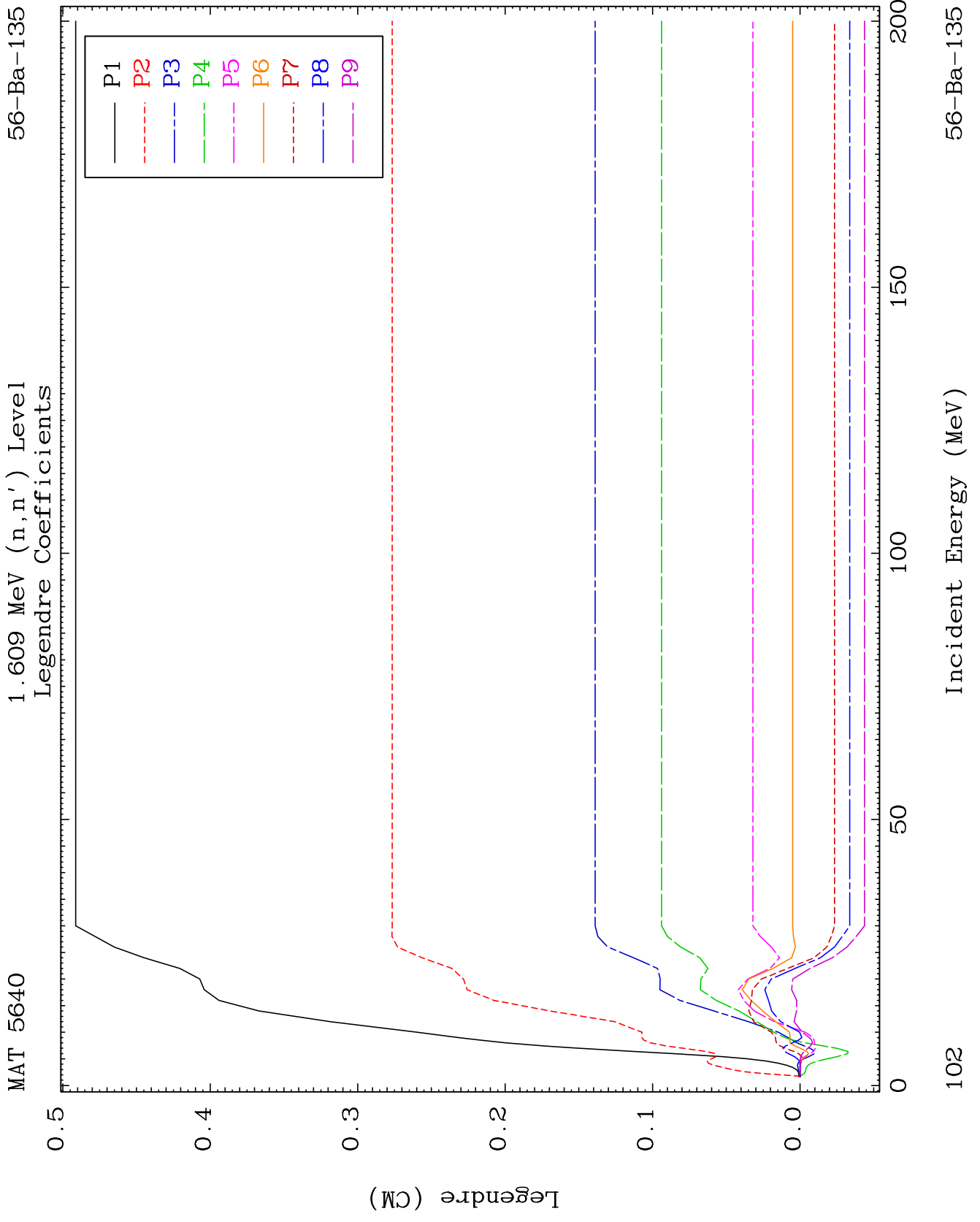








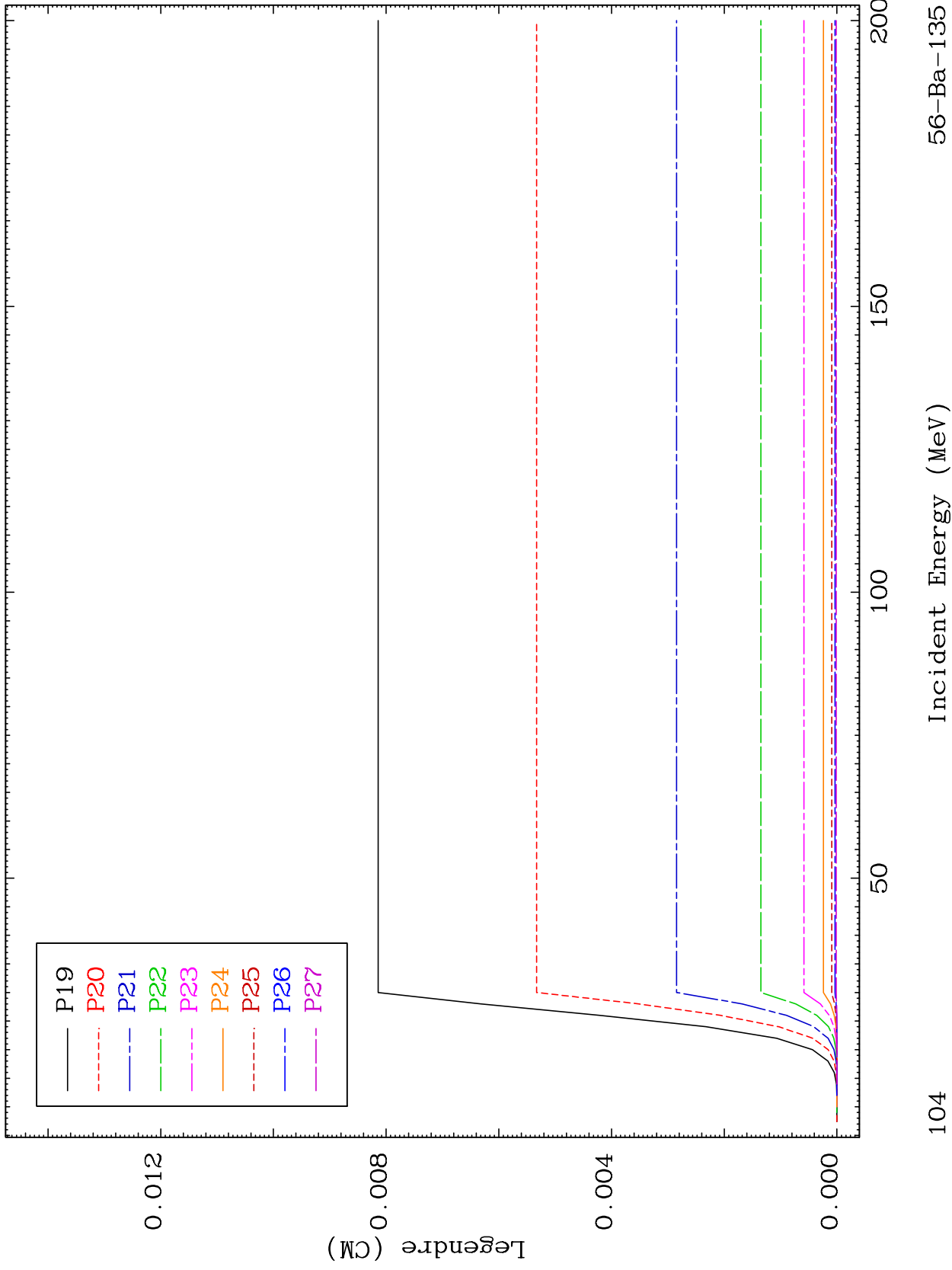




MAT 5640

1.609 MeV (n,n') Level
Legendre Coefficients

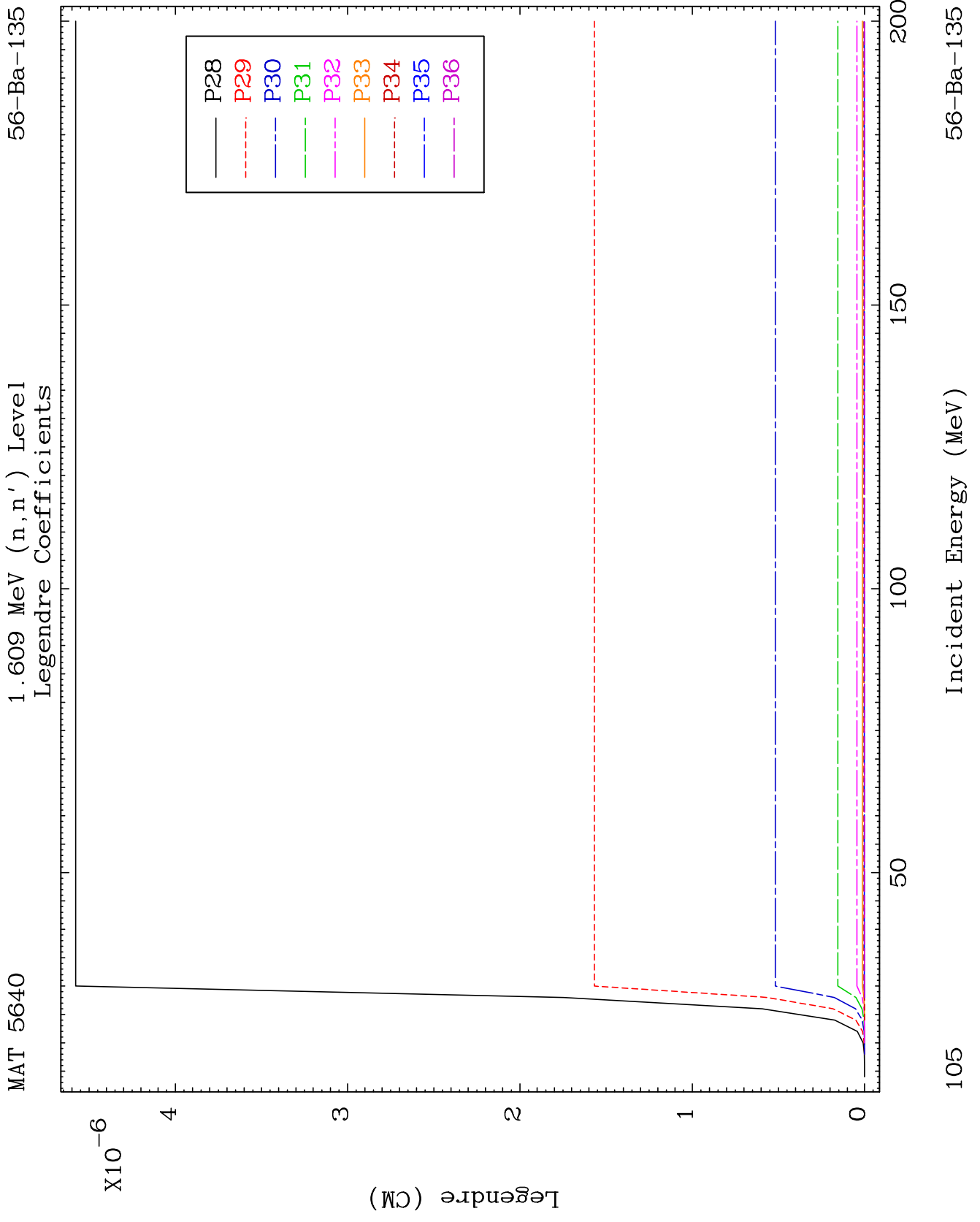
56-Ba-135

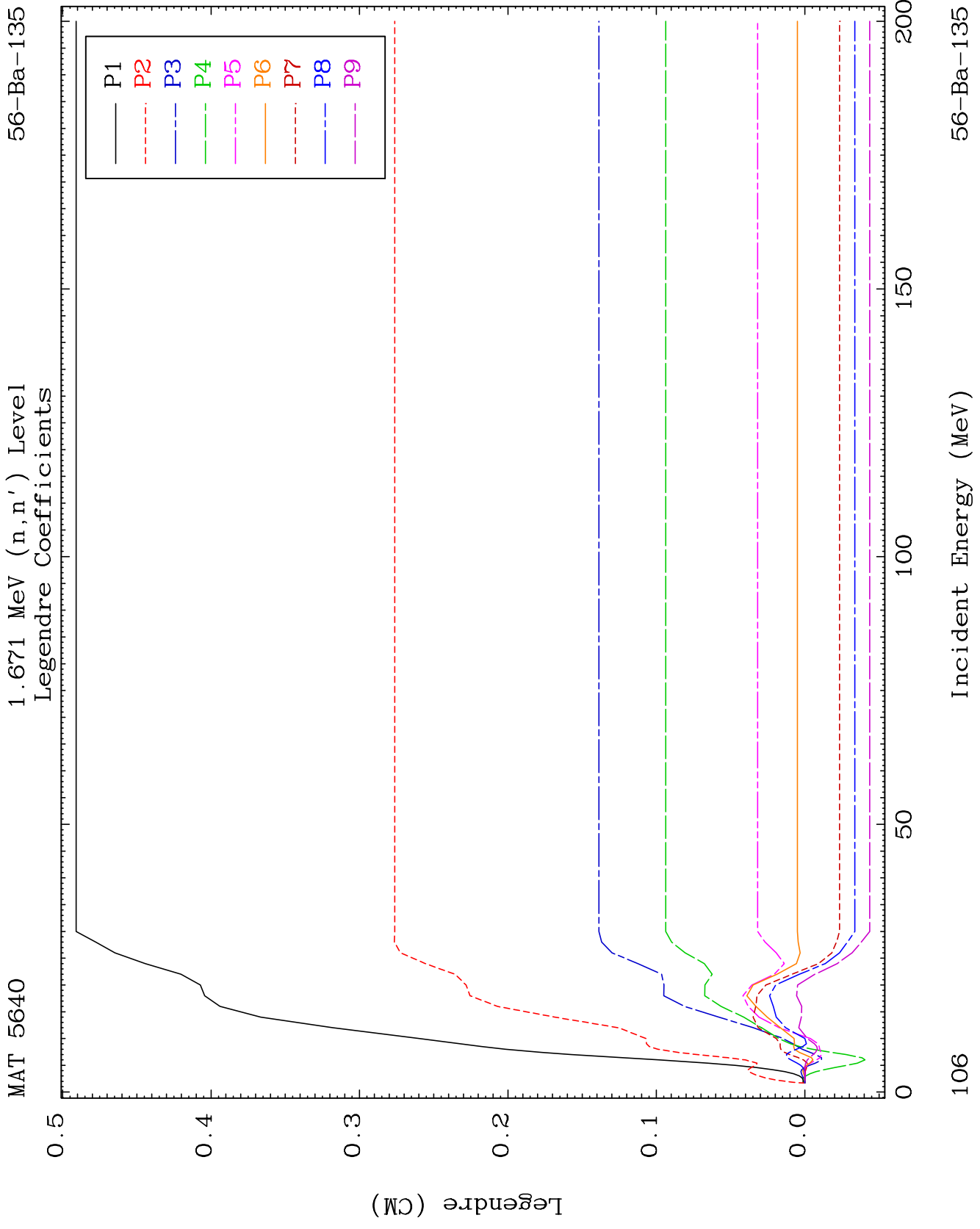


104

Incident Energy (MeV)

56-Ba-135

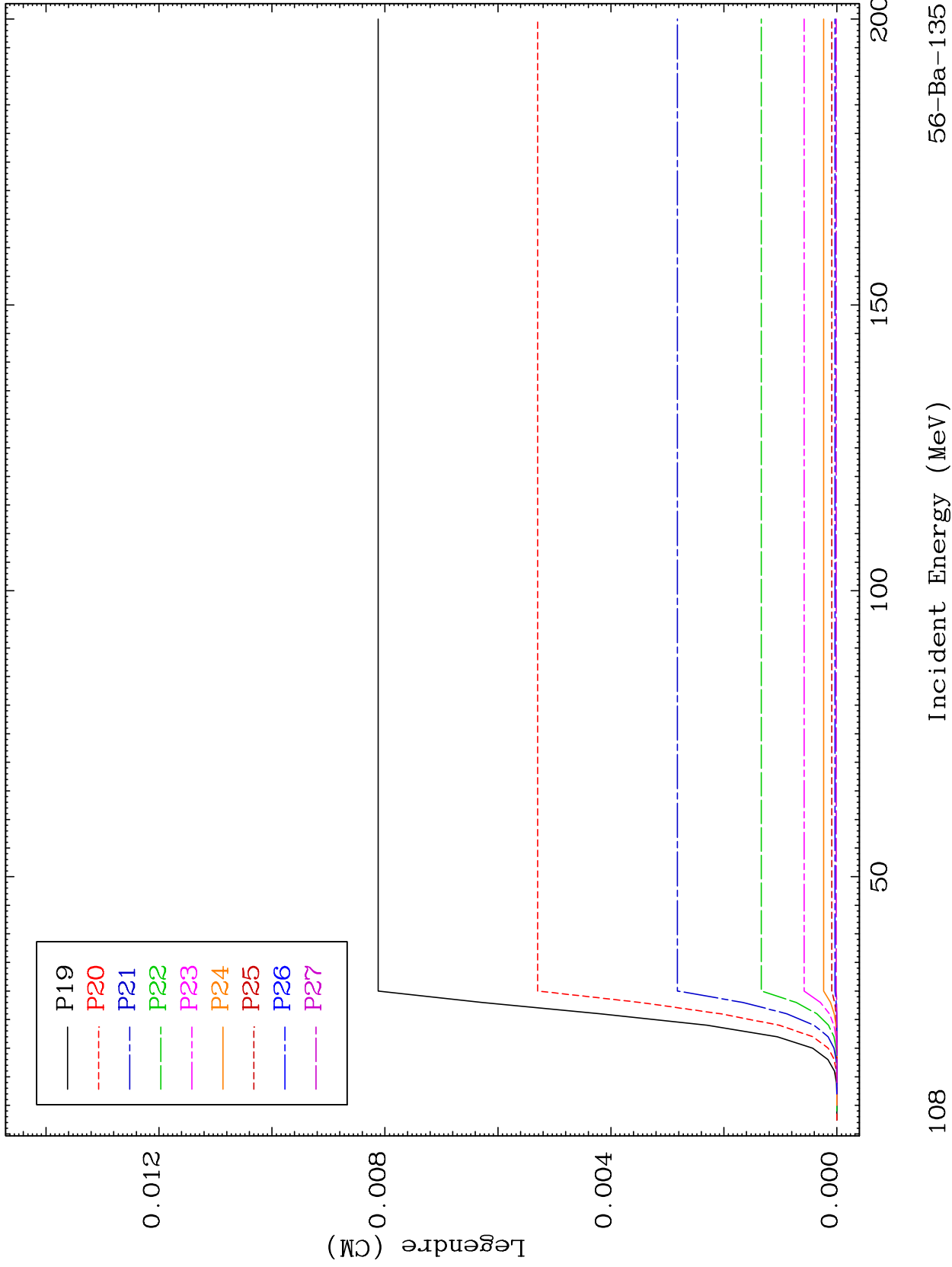




MAT 5640

1.671 MeV (n,n') Level
Legendre Coefficients

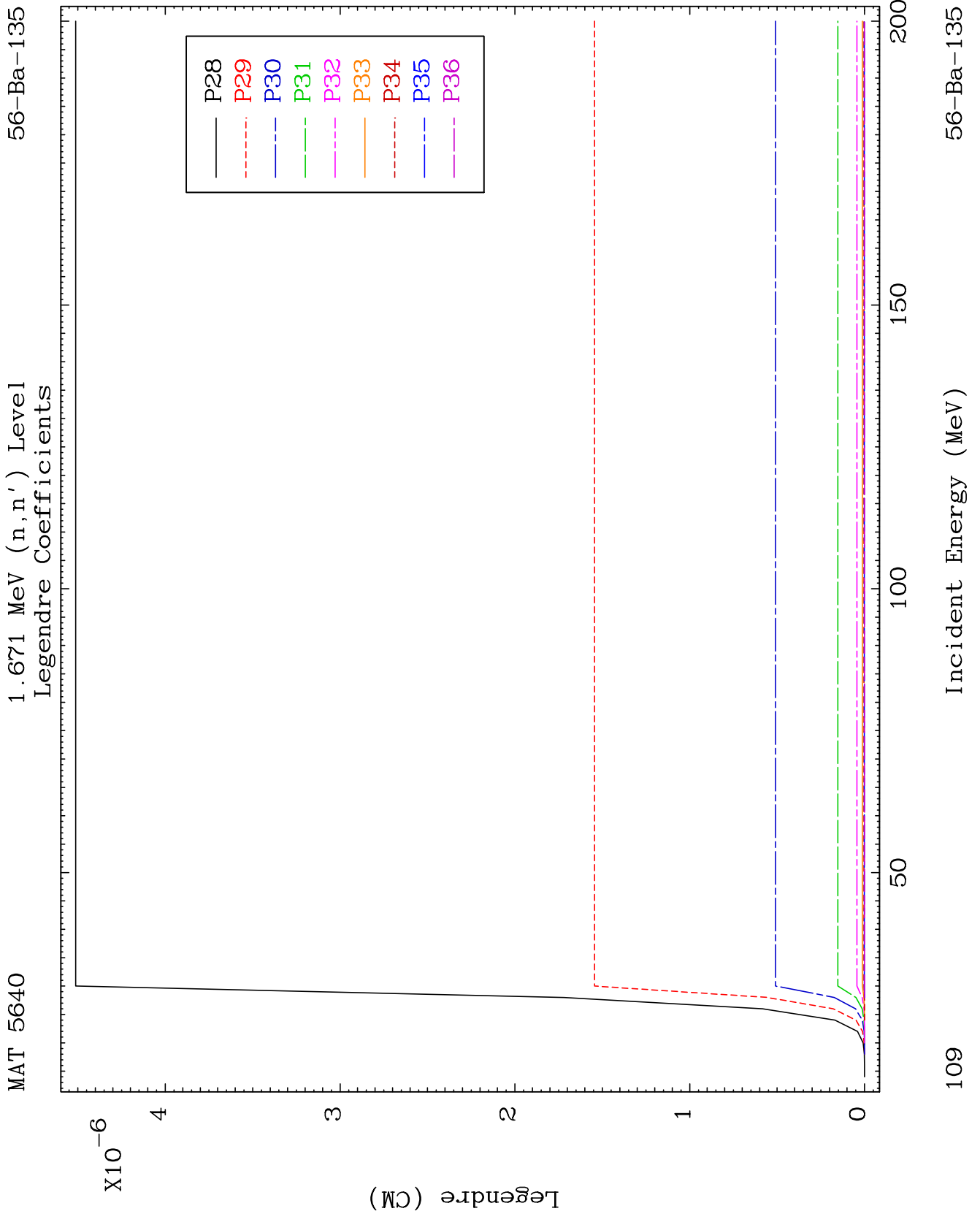
56-Ba-135

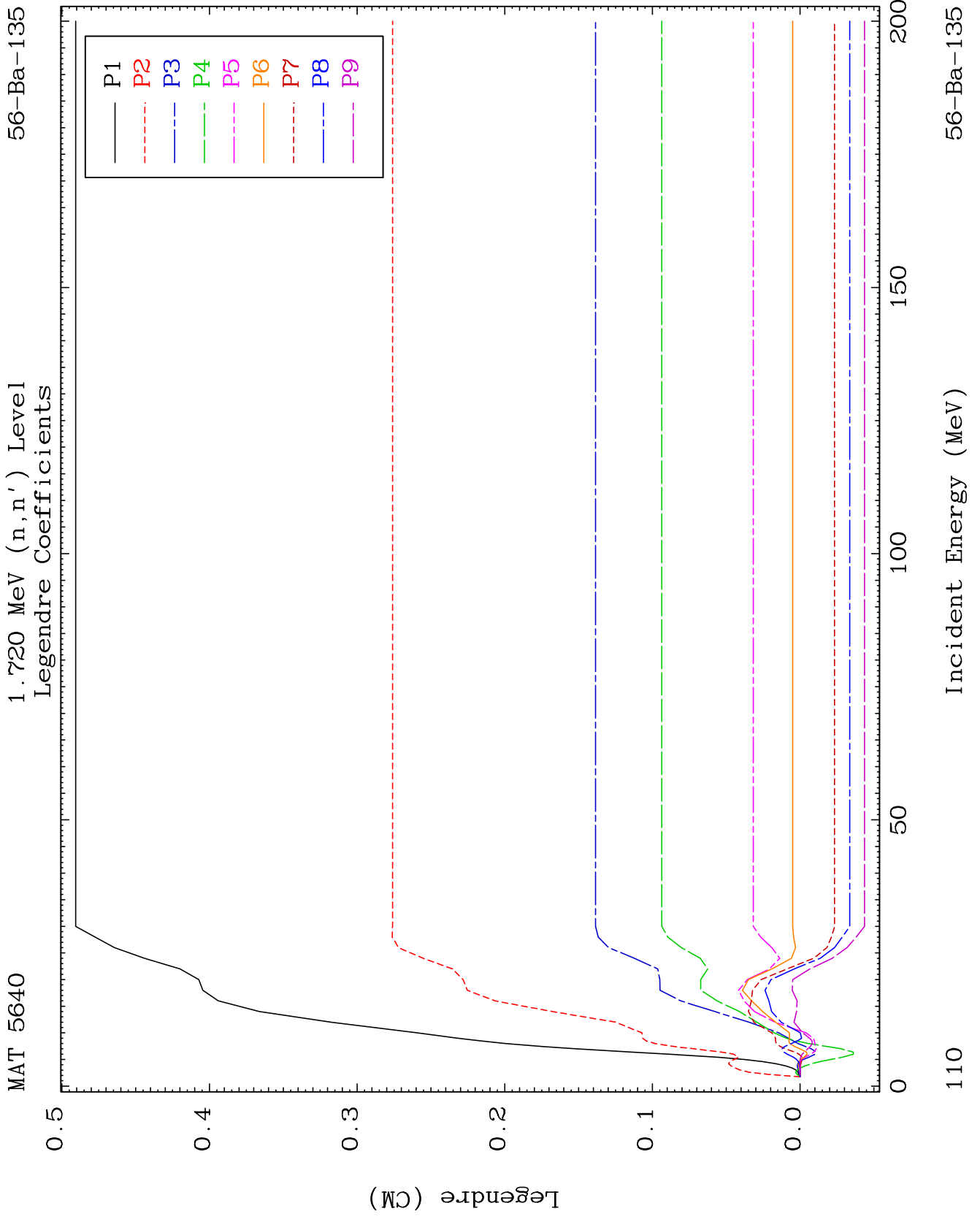


108

Incident Energy (MeV)

56-Ba-135

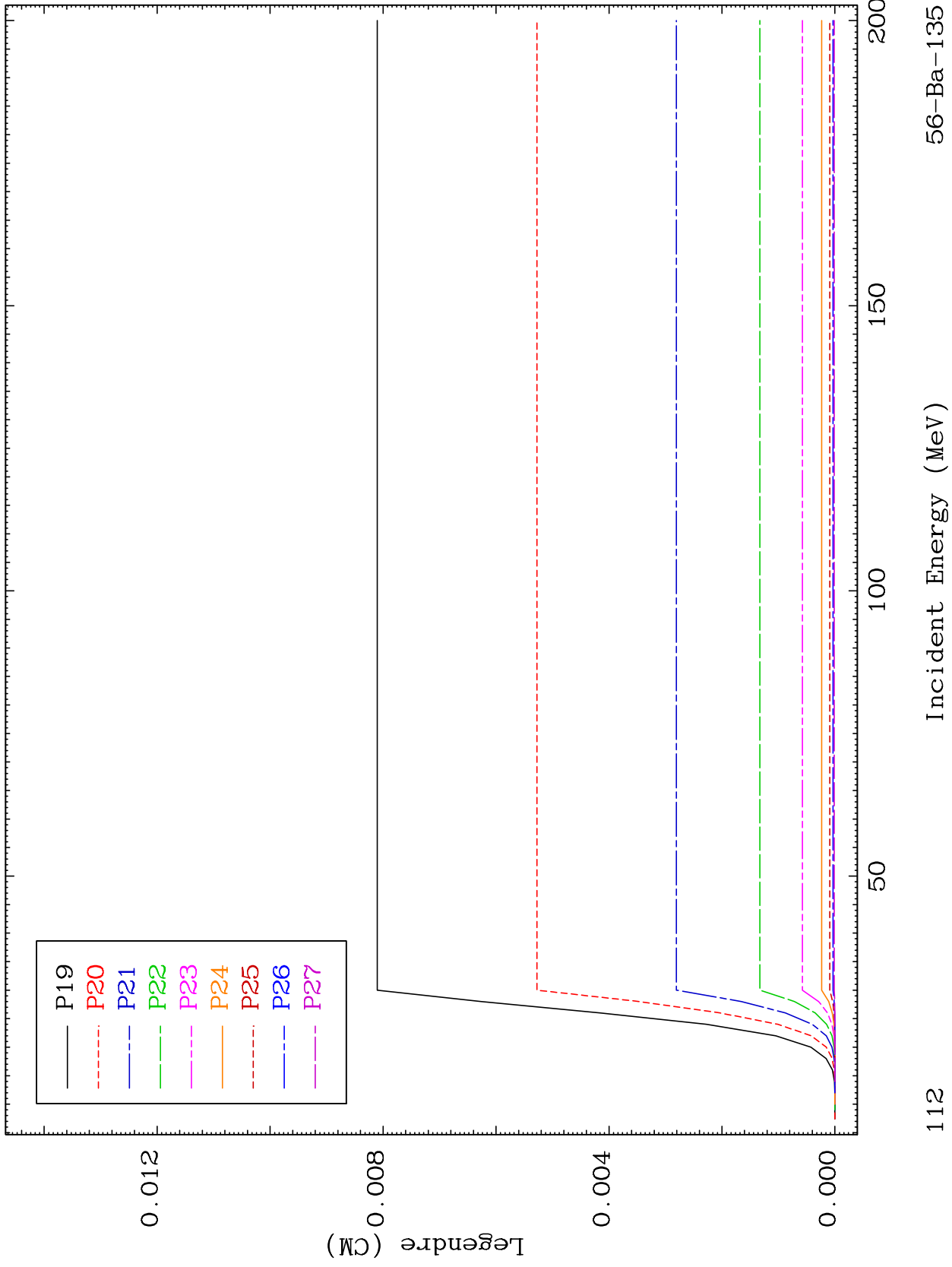




MAT 5640

1.720 MeV (n,n') Level
Legendre Coefficients

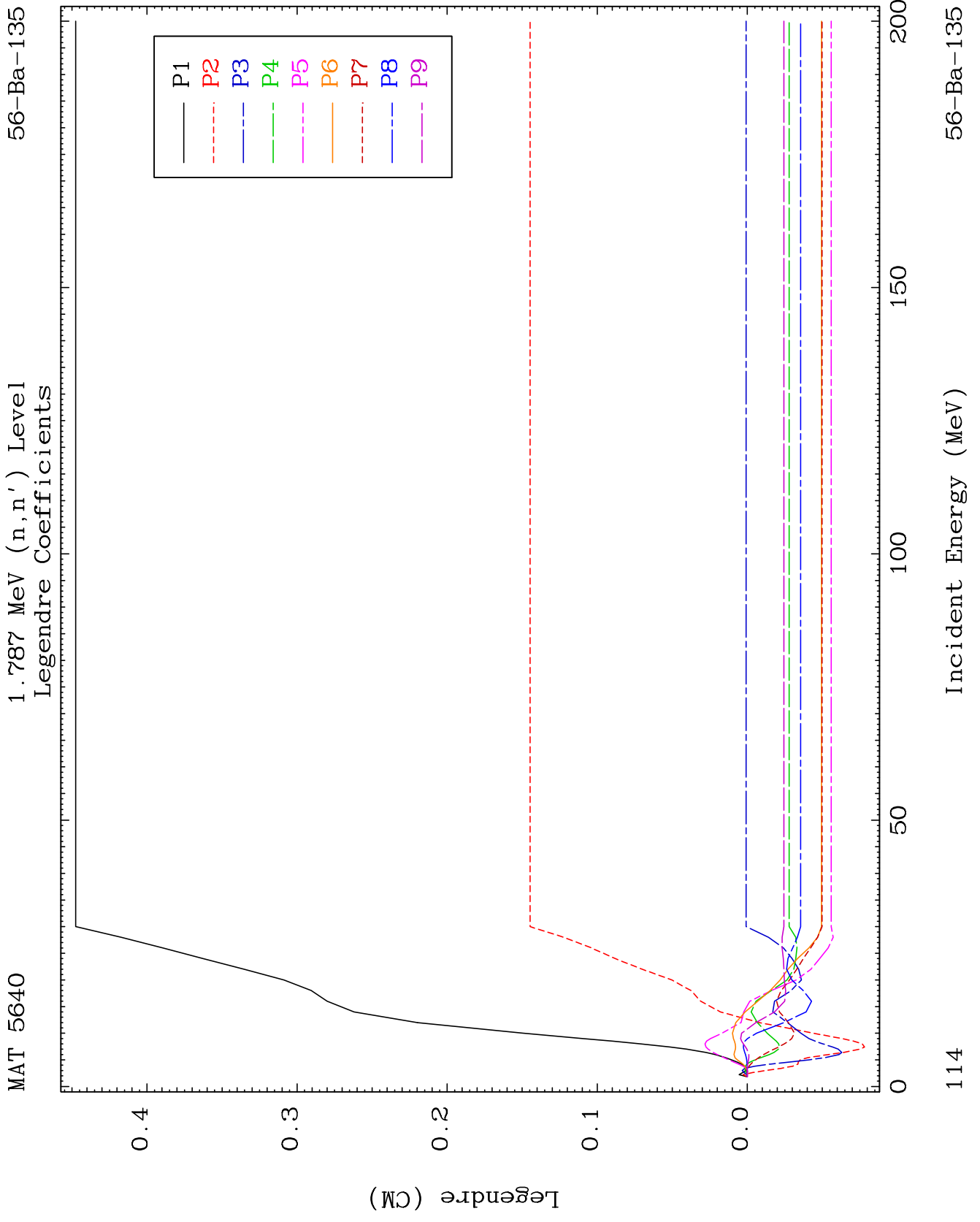
56-Ba-135

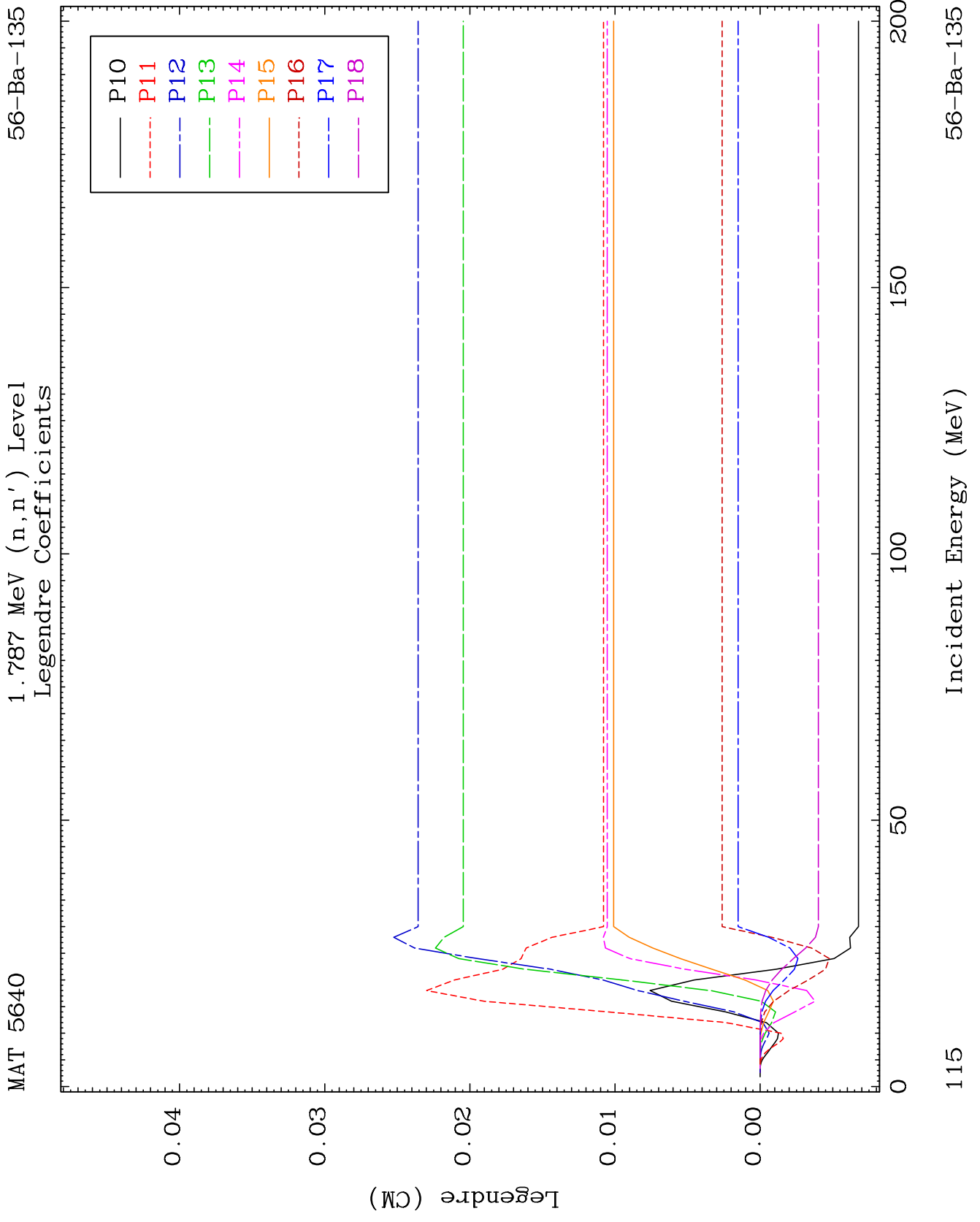


112

Incident Energy (MeV)

56-Ba-135

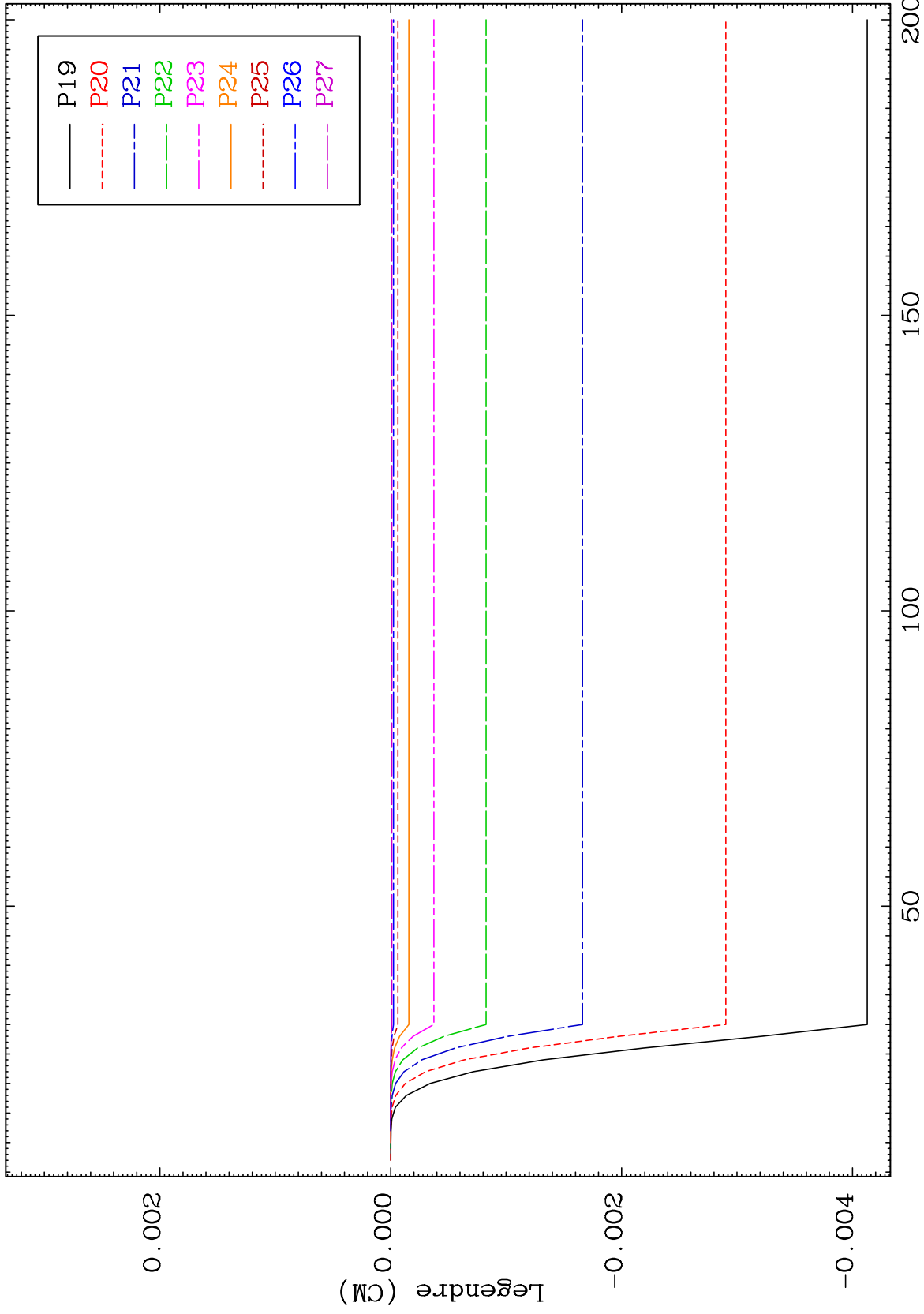




MAT 5640

1.787 MeV (n,n') Level
Legendre Coefficients

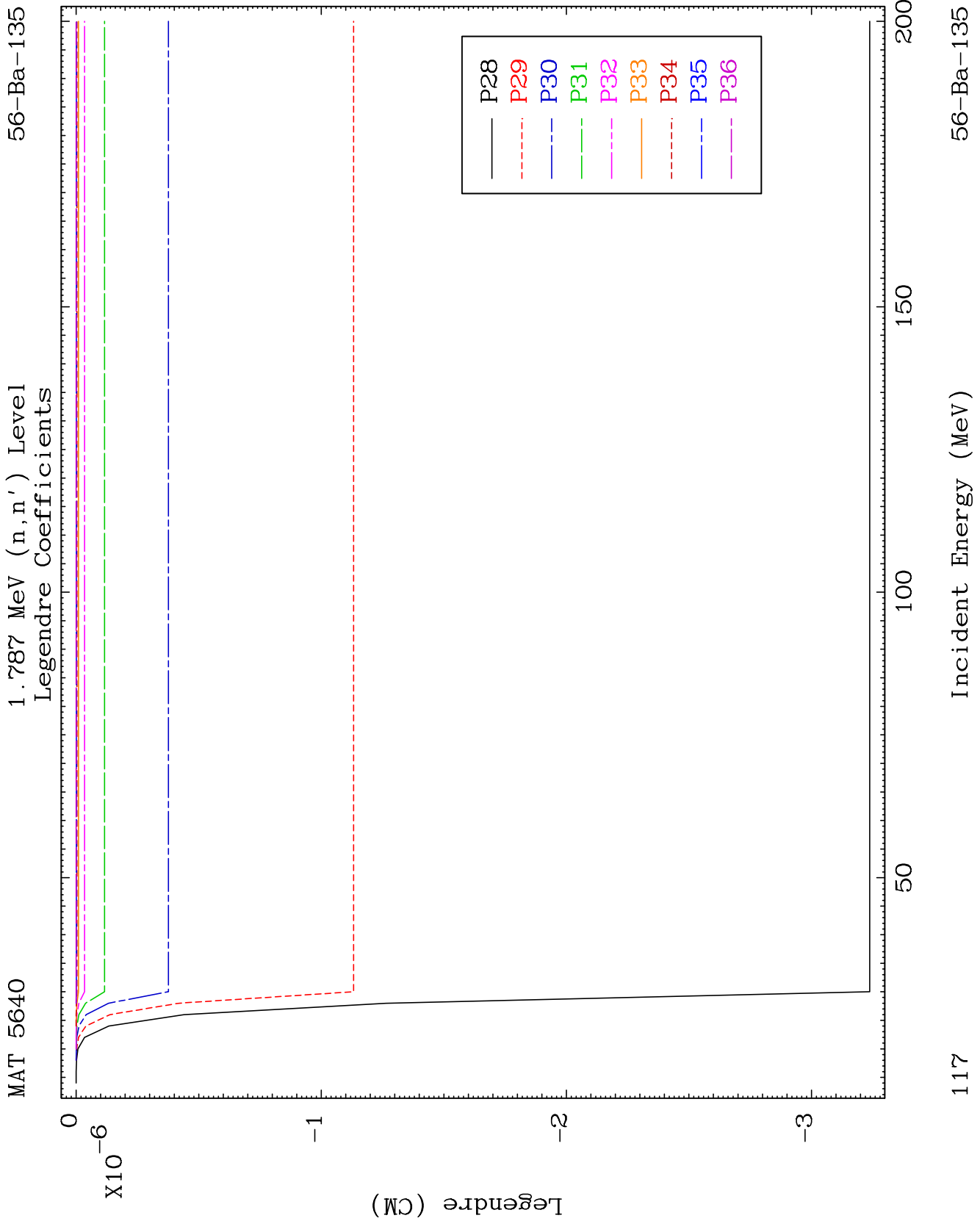
56-Ba-135

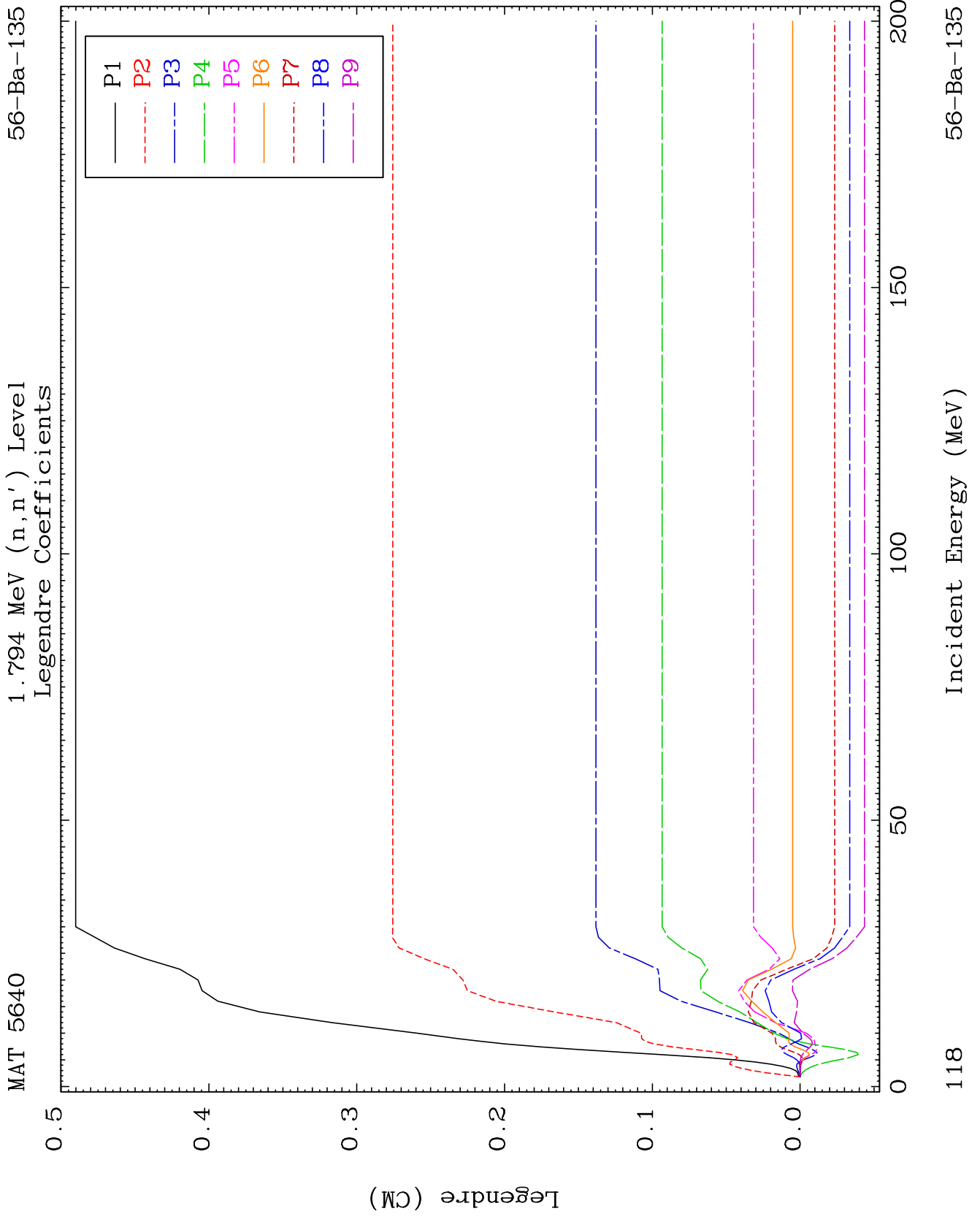


116

Incident Energy (MeV)

56-Ba-135

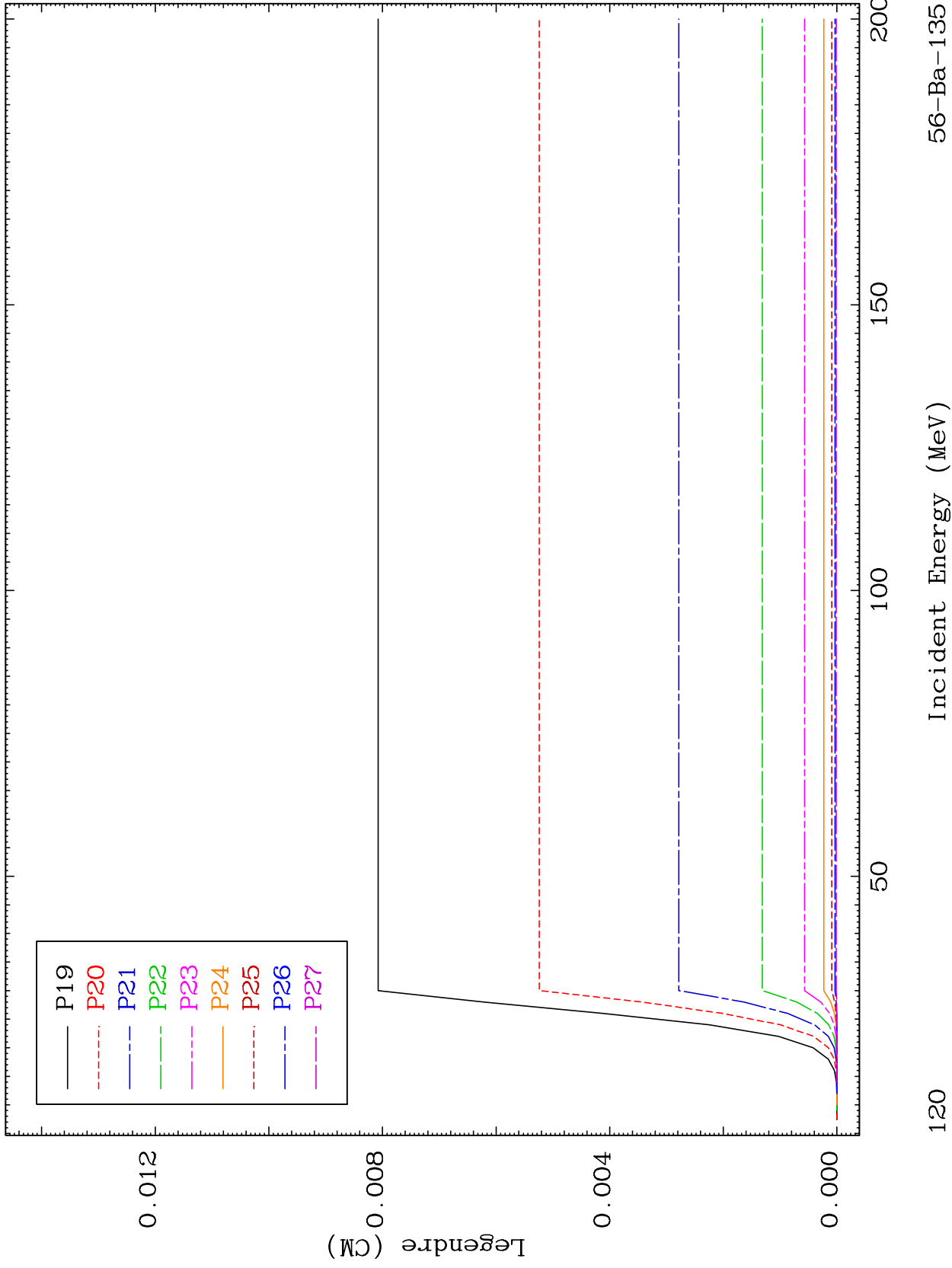




MAT 5640

1.794 MeV (n,n') Level
Legendre Coefficients

56-Ba-135



120

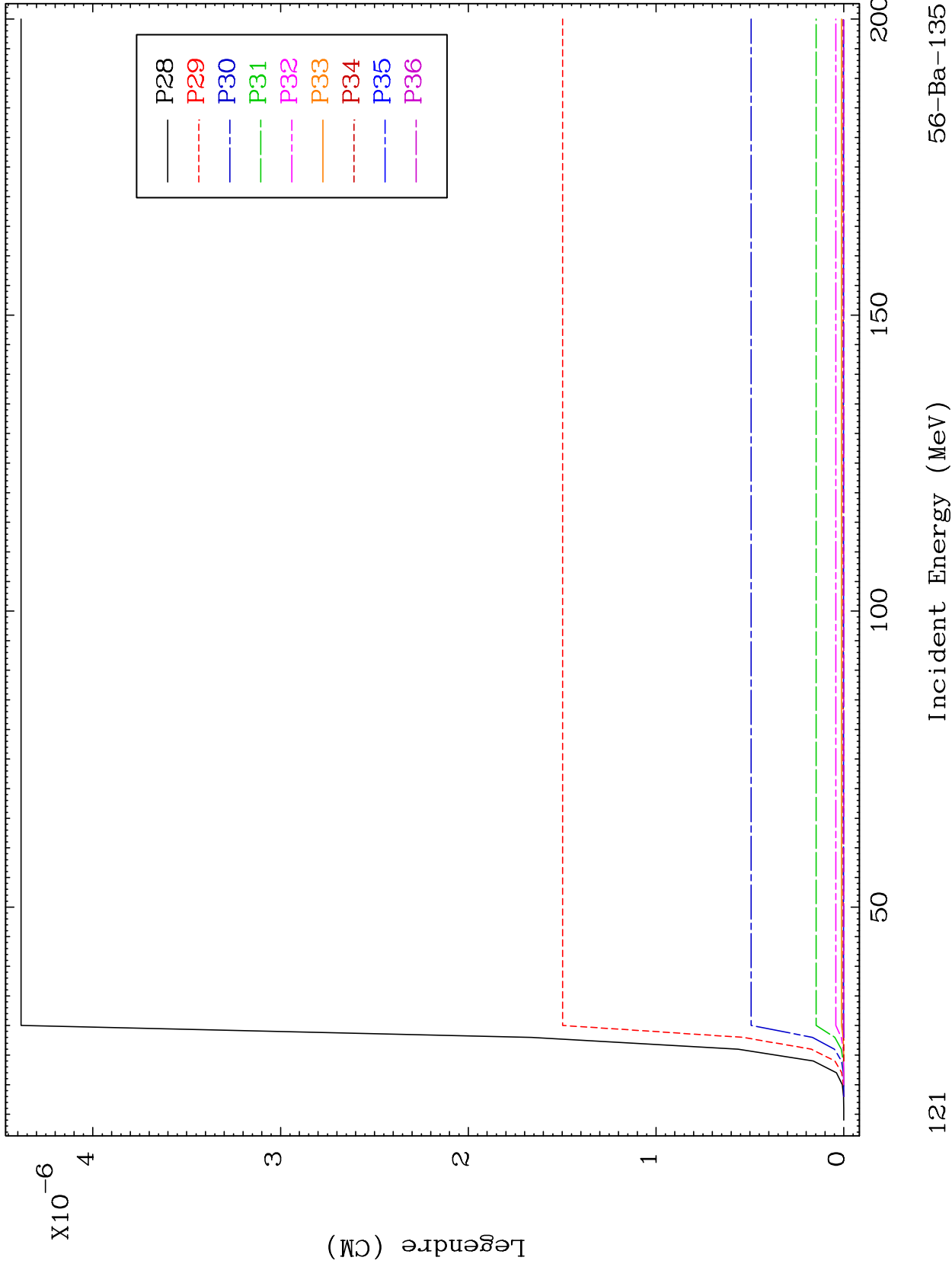
Incident Energy (MeV)

56-Ba-135

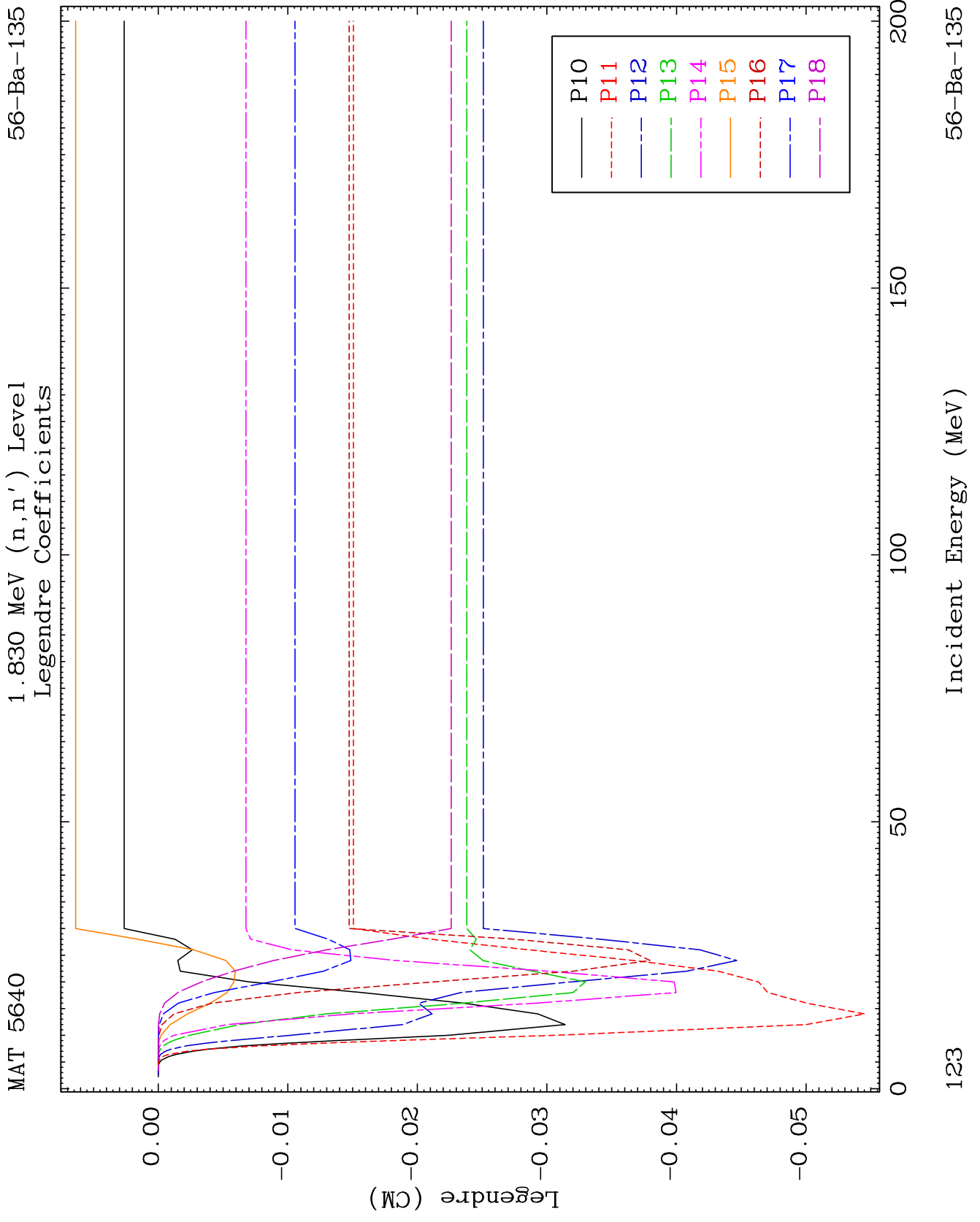
MAT 5640

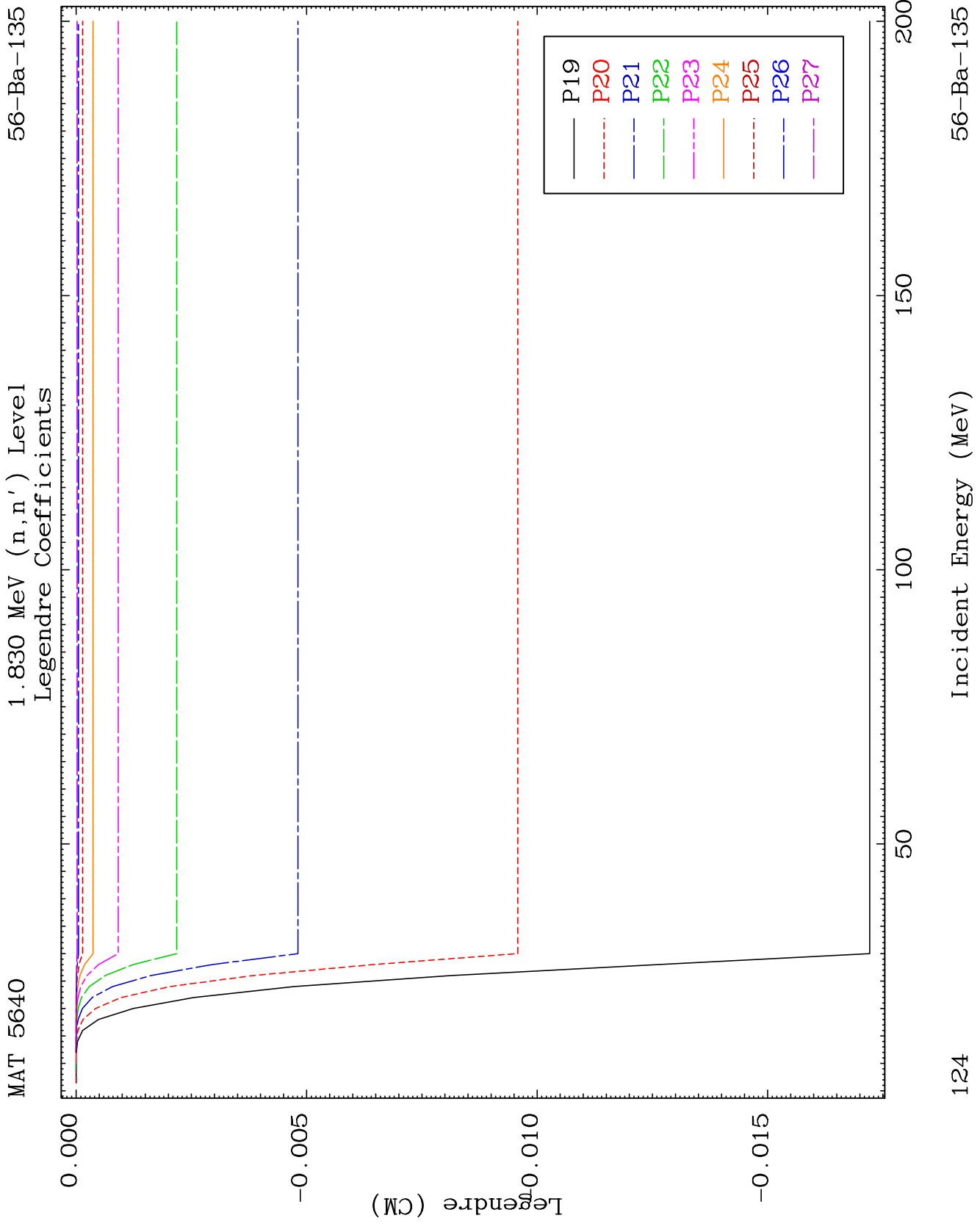
1.794 MeV (n,n') Level
Legendre Coefficients

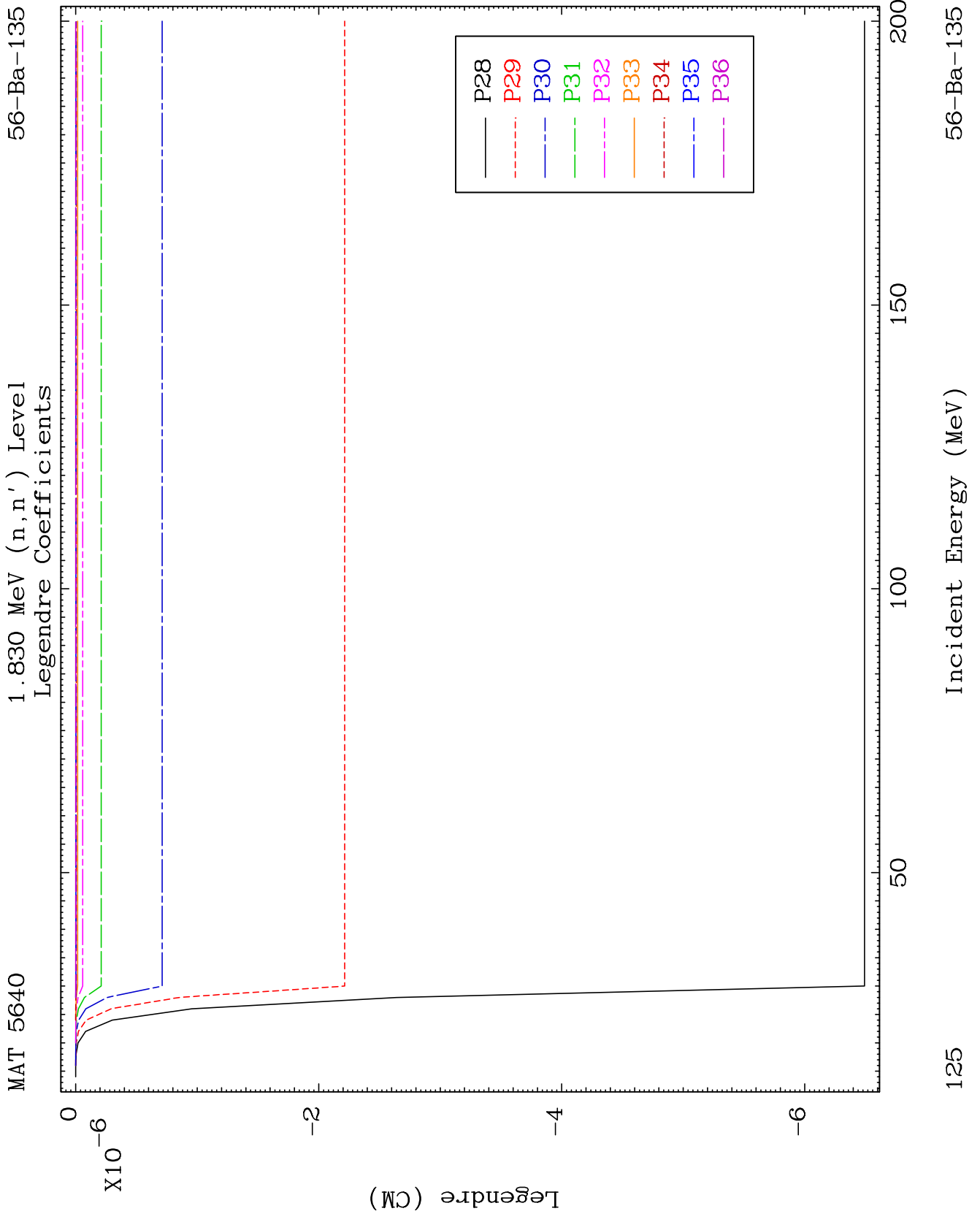
56-Ba-135

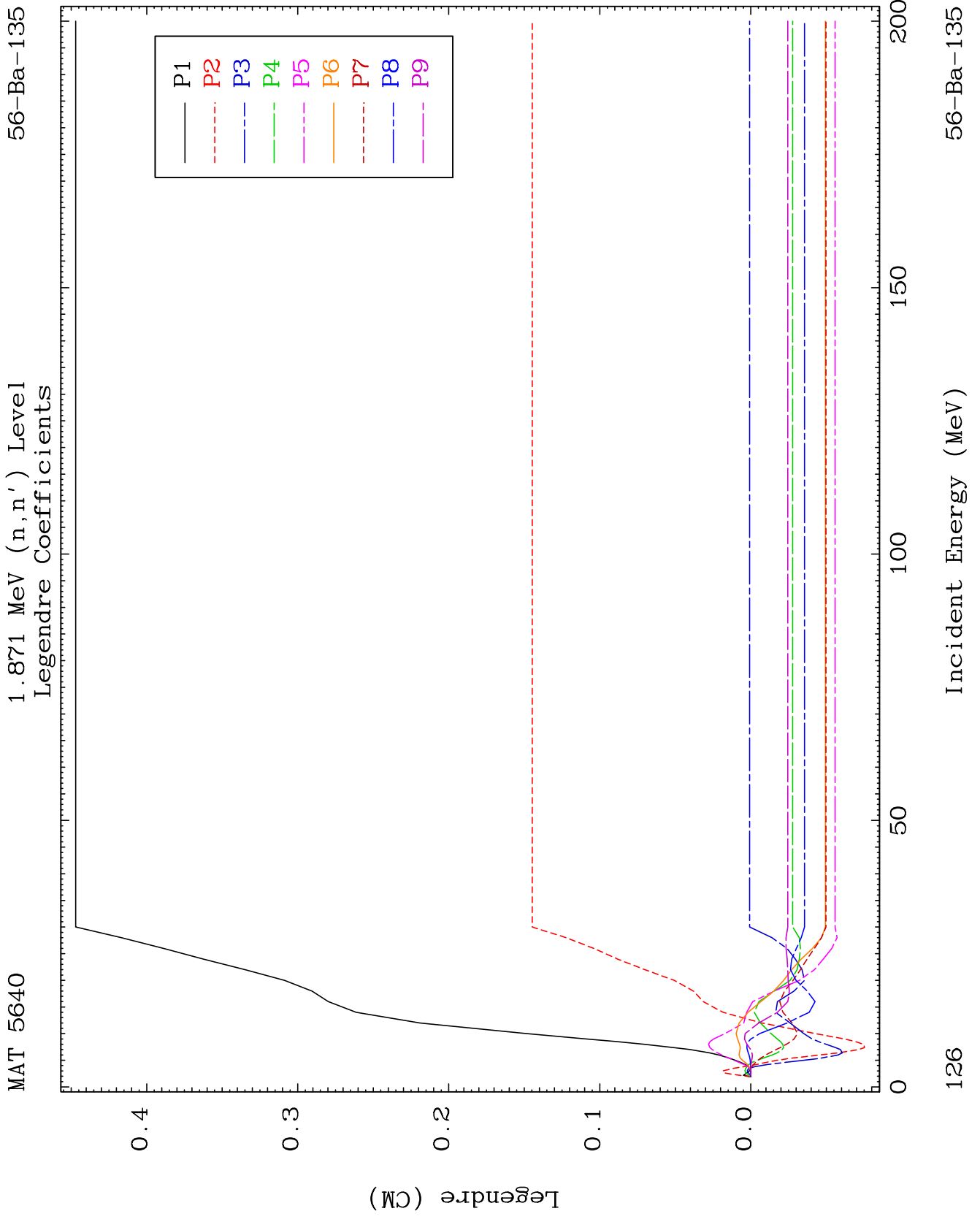


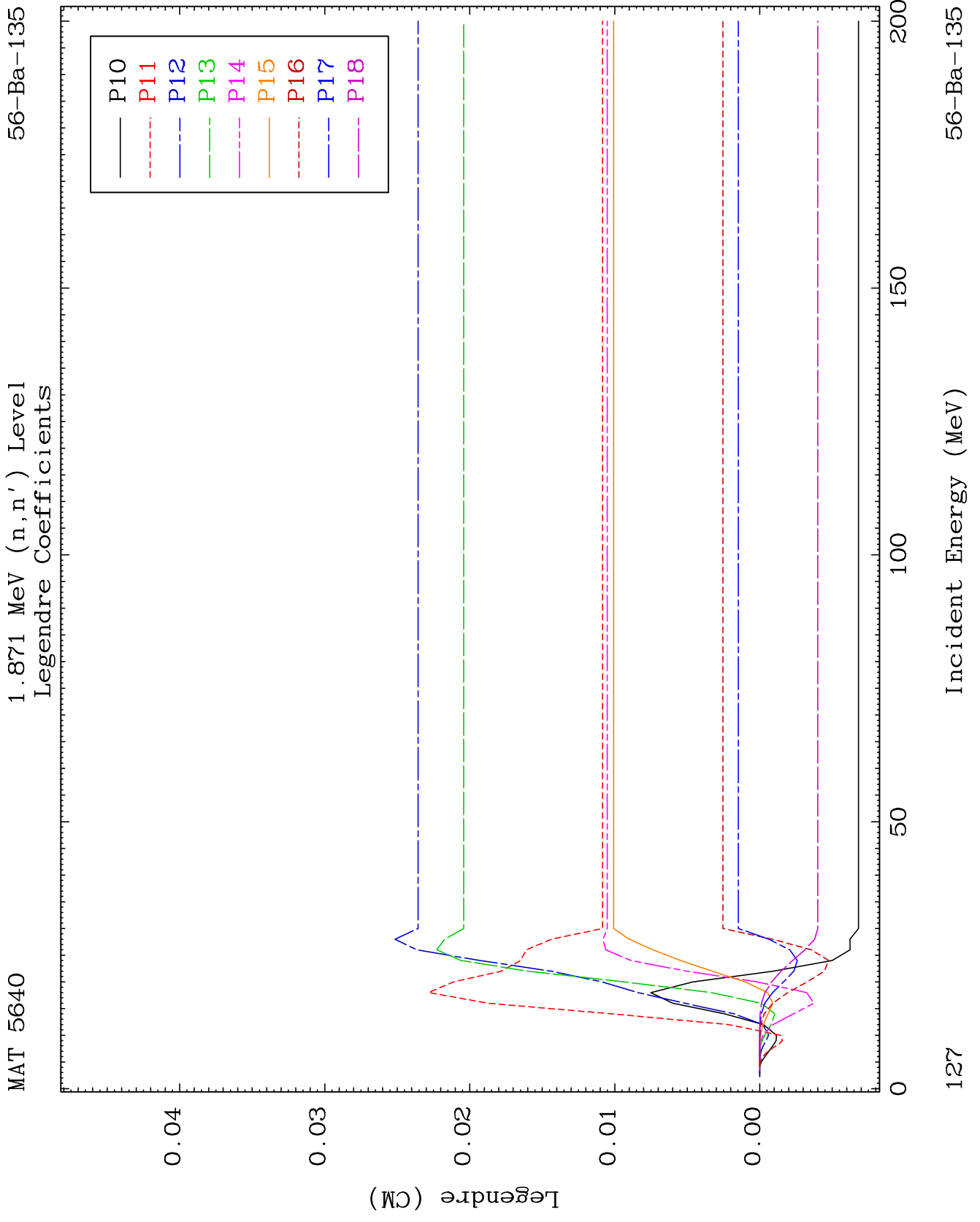
121







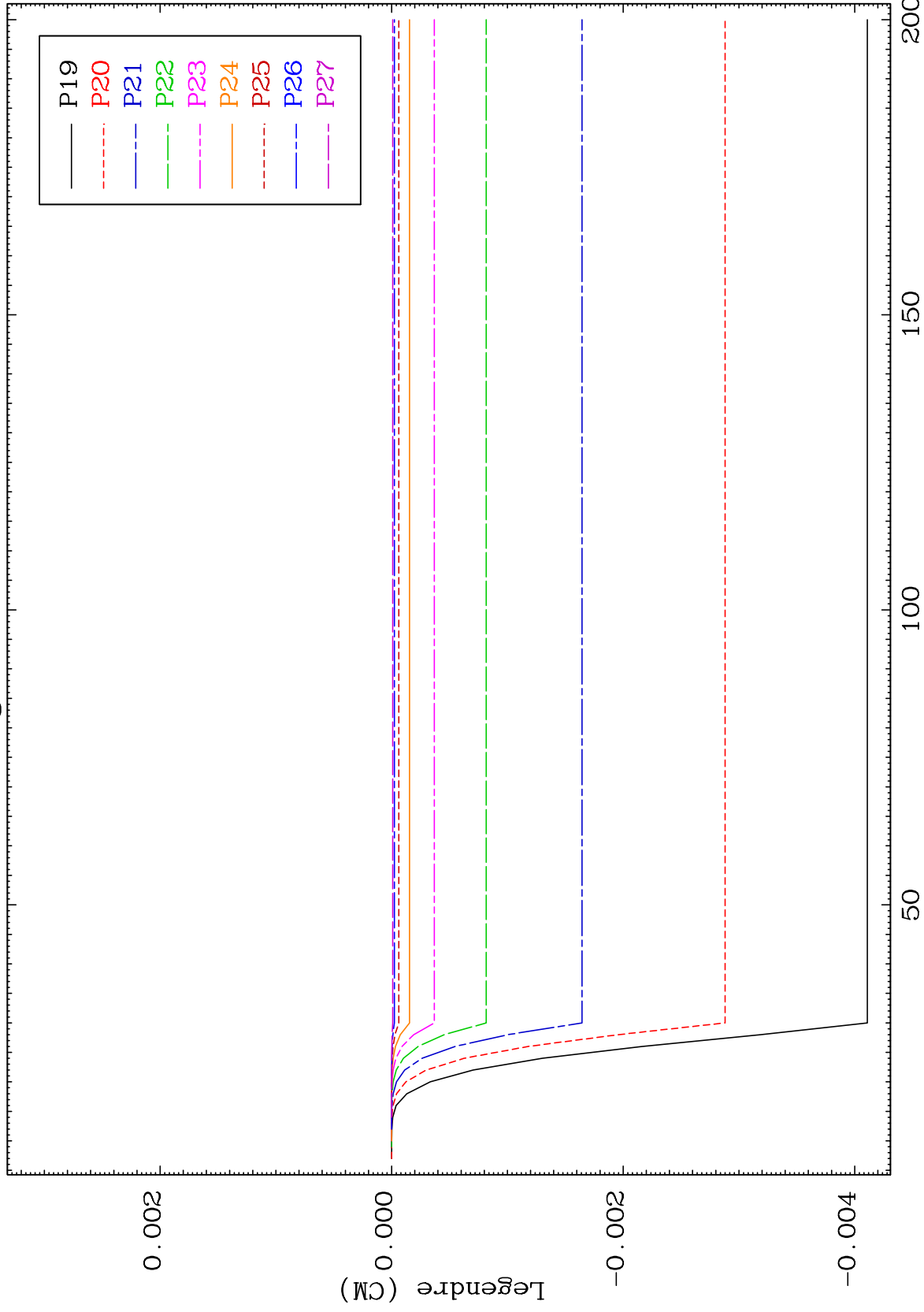




MAT 5640

1.871 MeV (n,n') Level
Legendre Coefficients

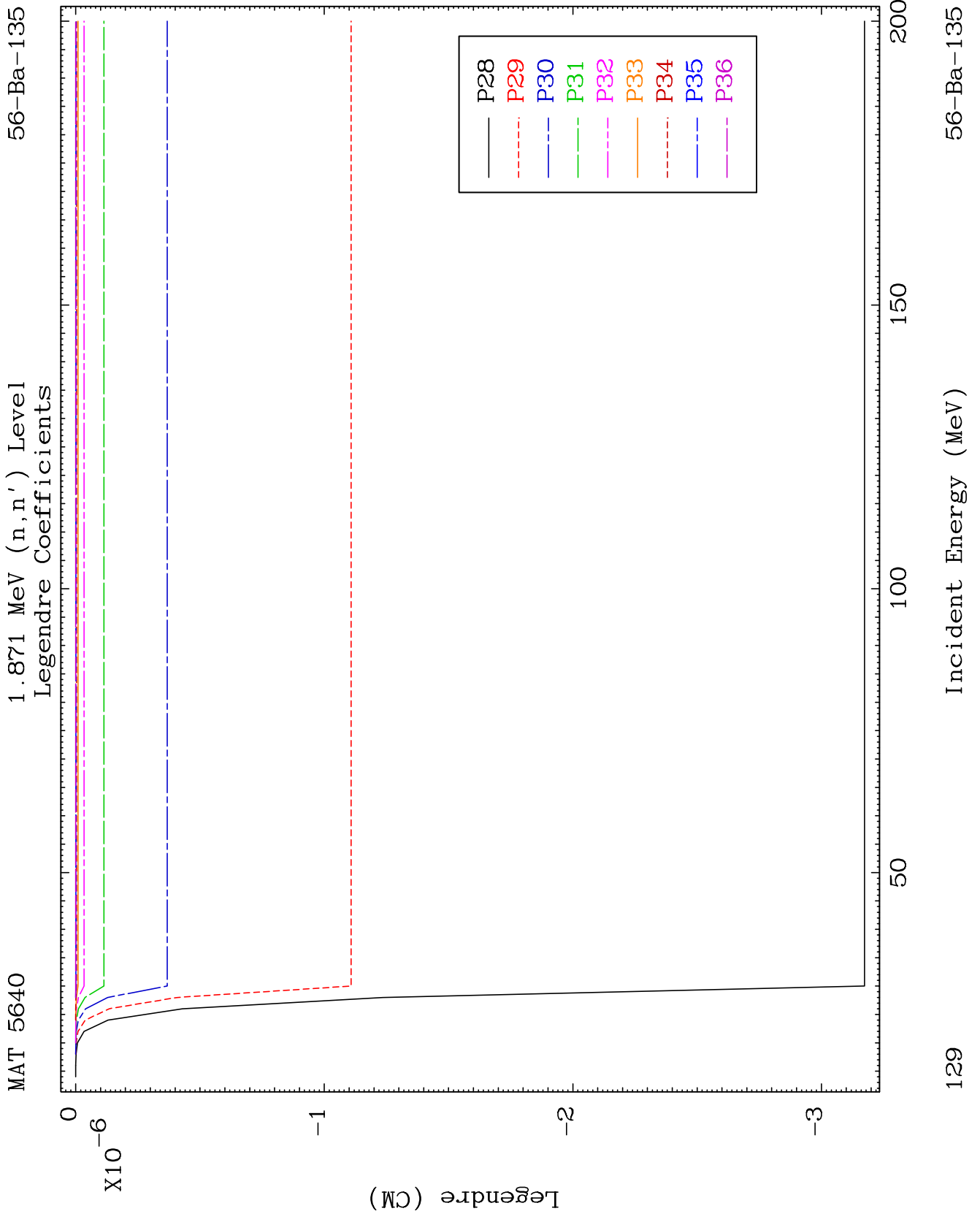
56-Ba-135

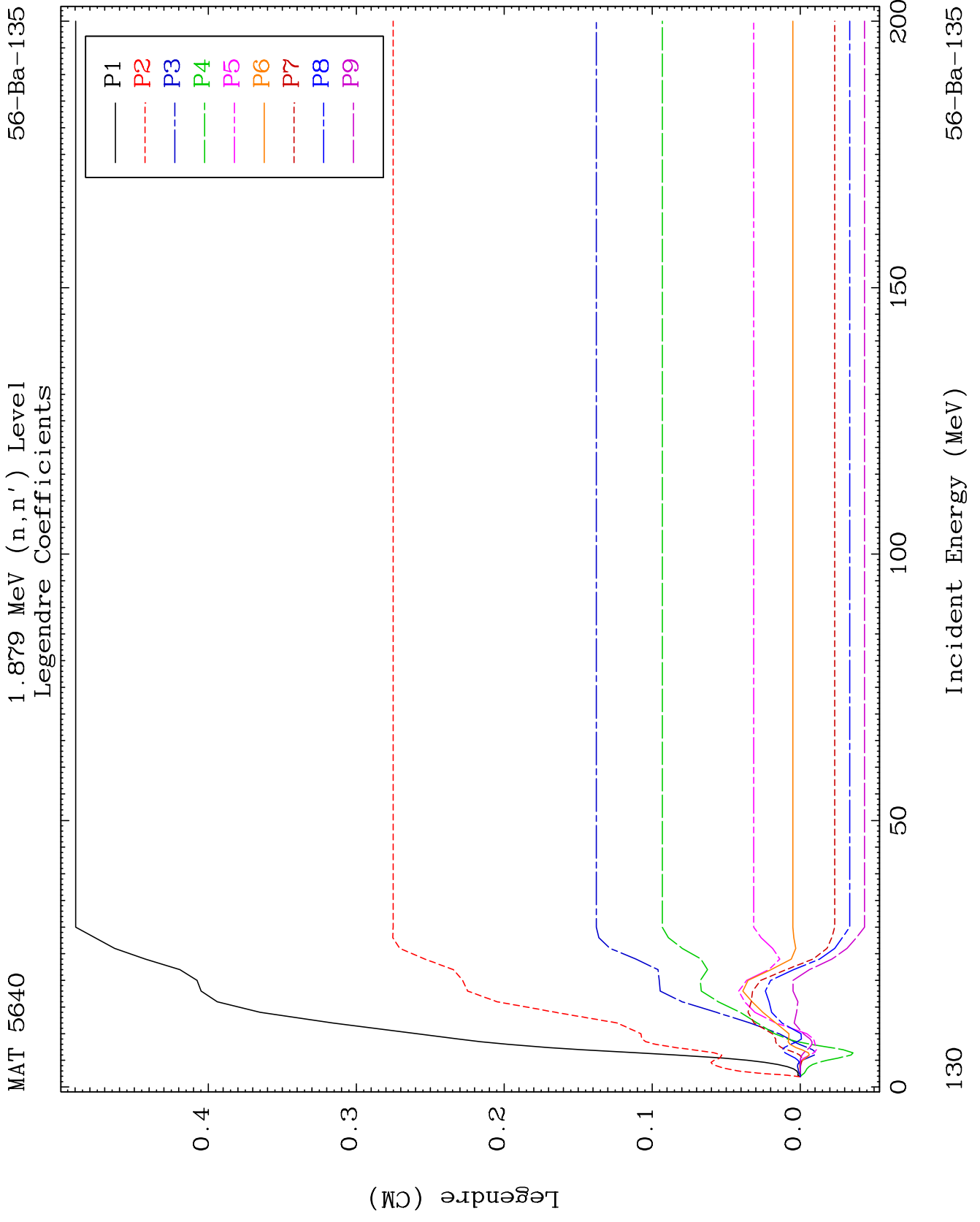


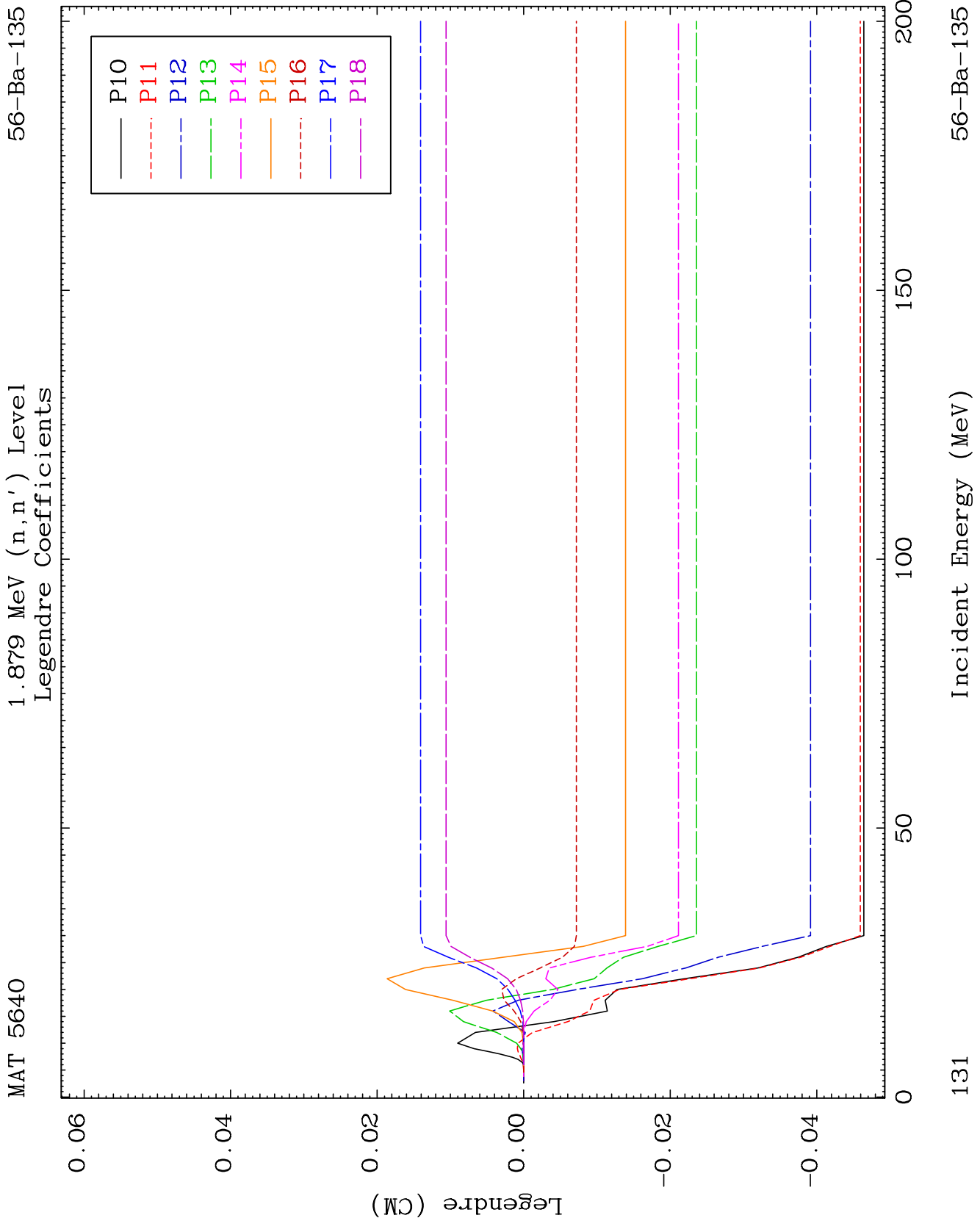
128

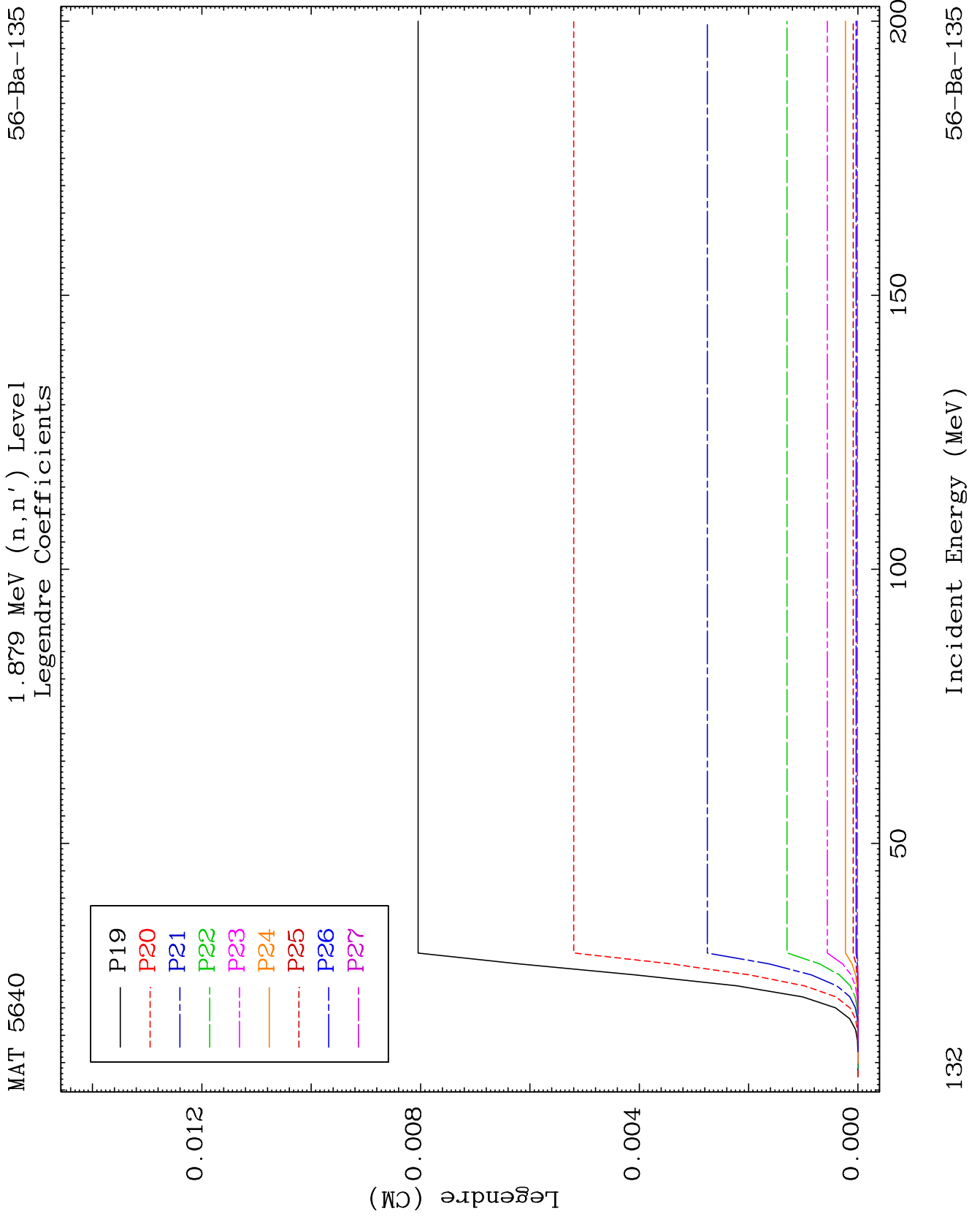
Incident Energy (MeV)

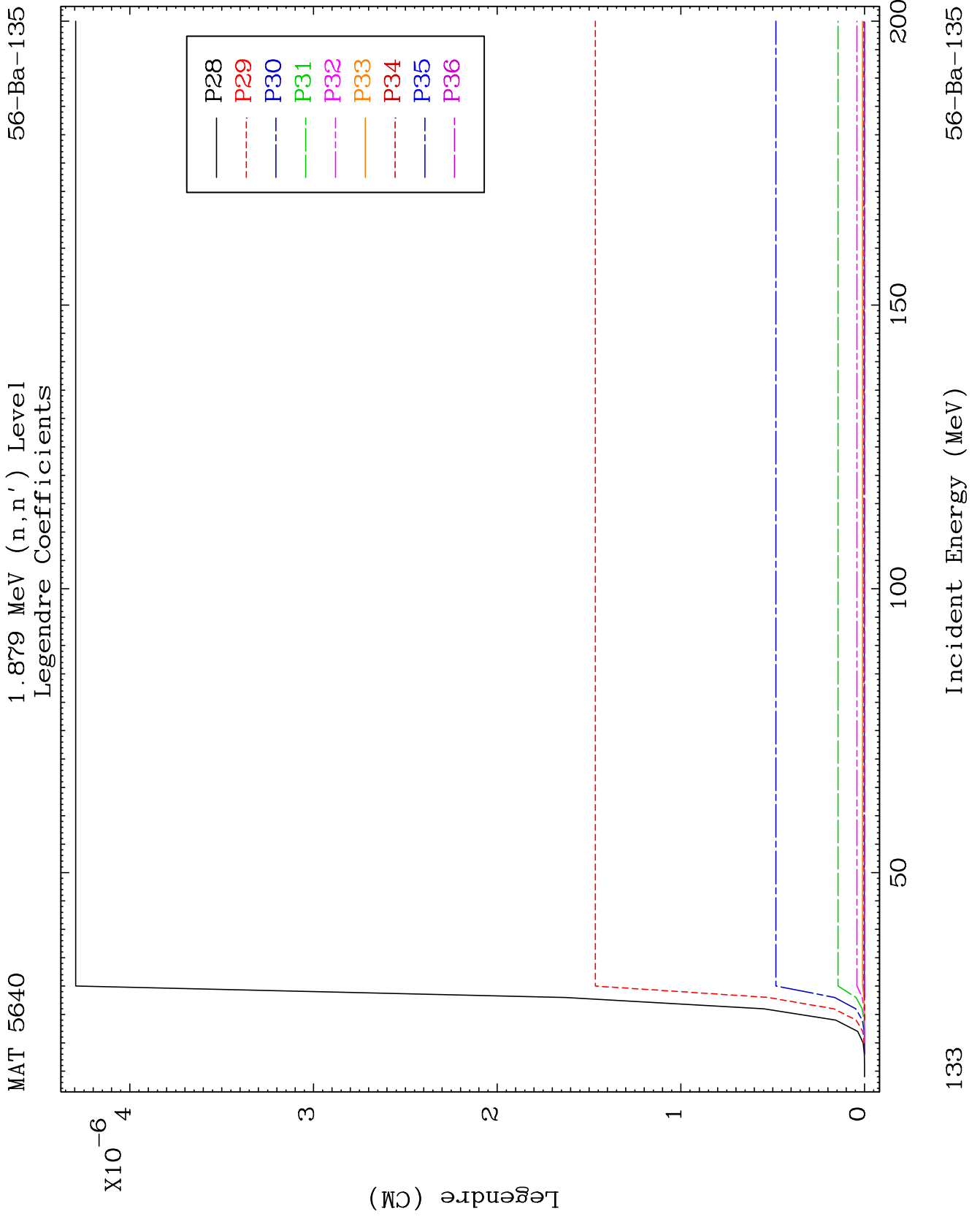
56-Ba-135

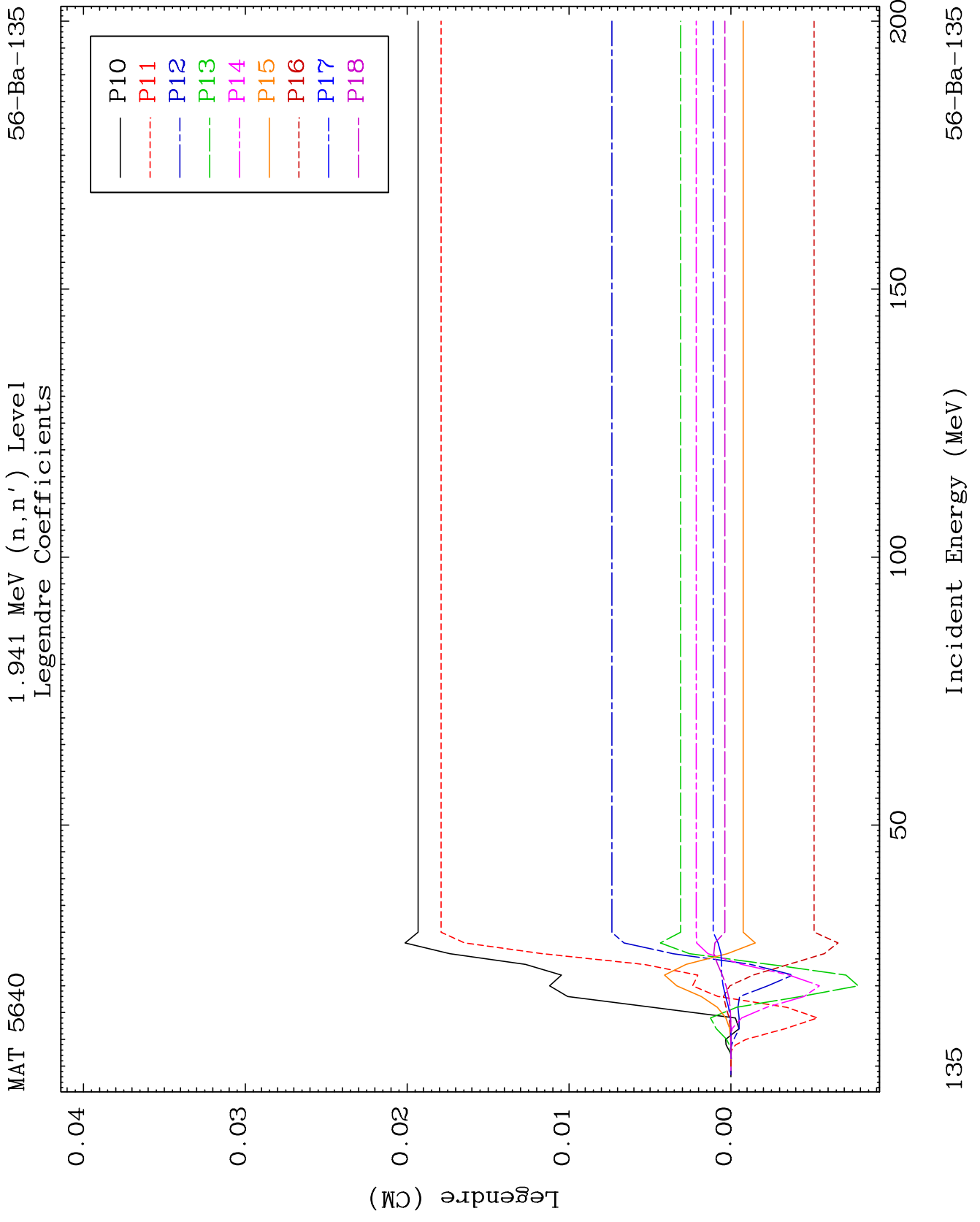


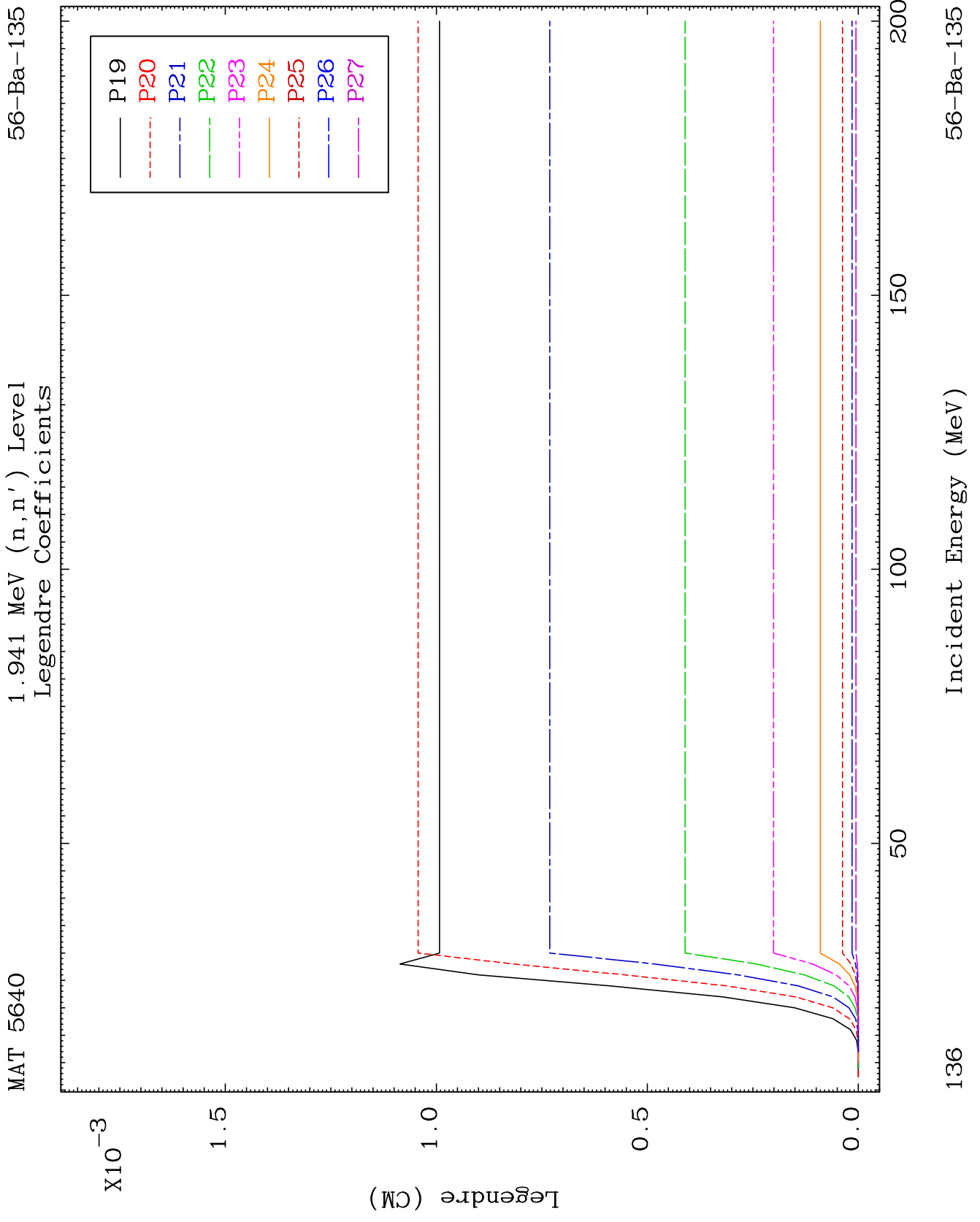


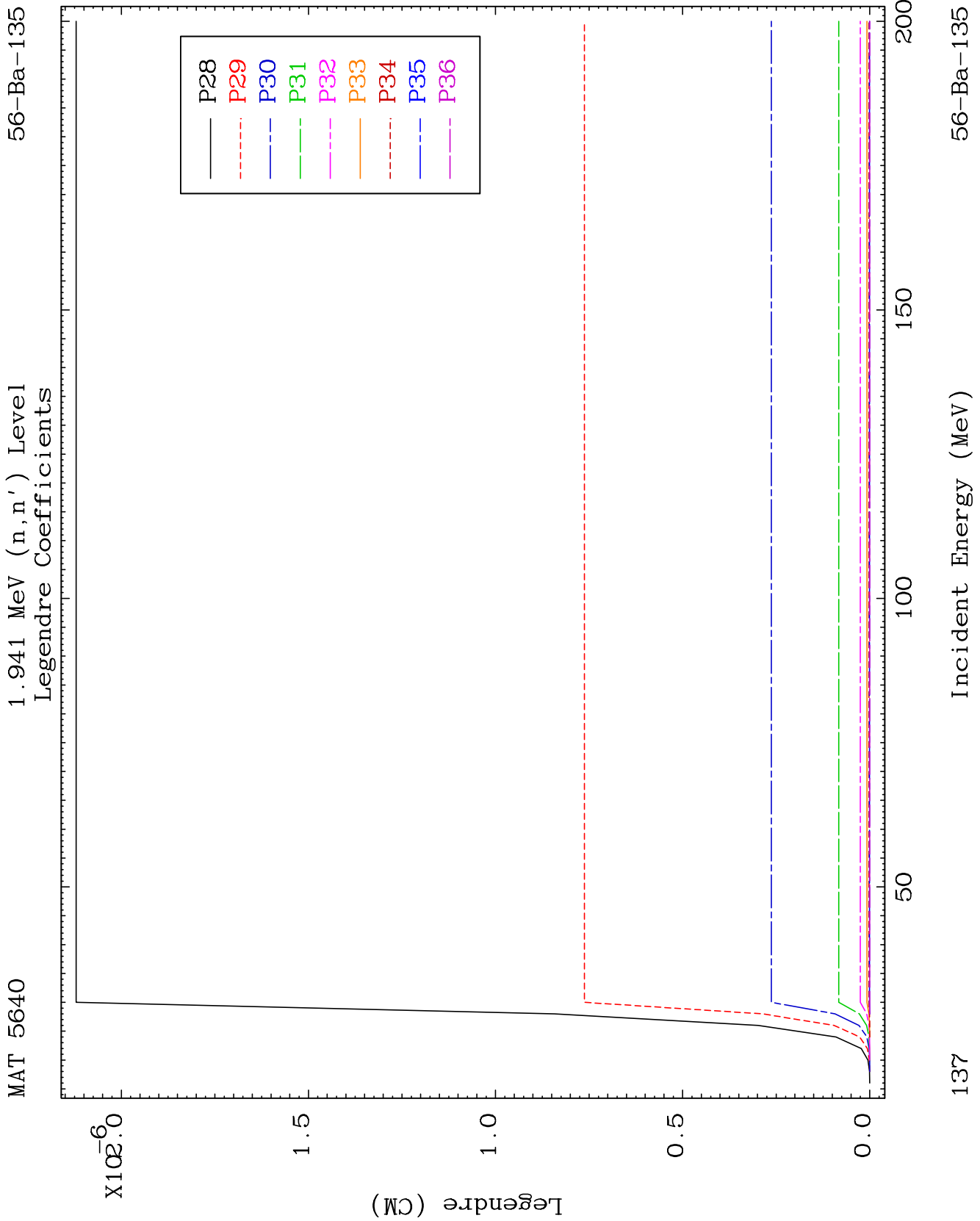








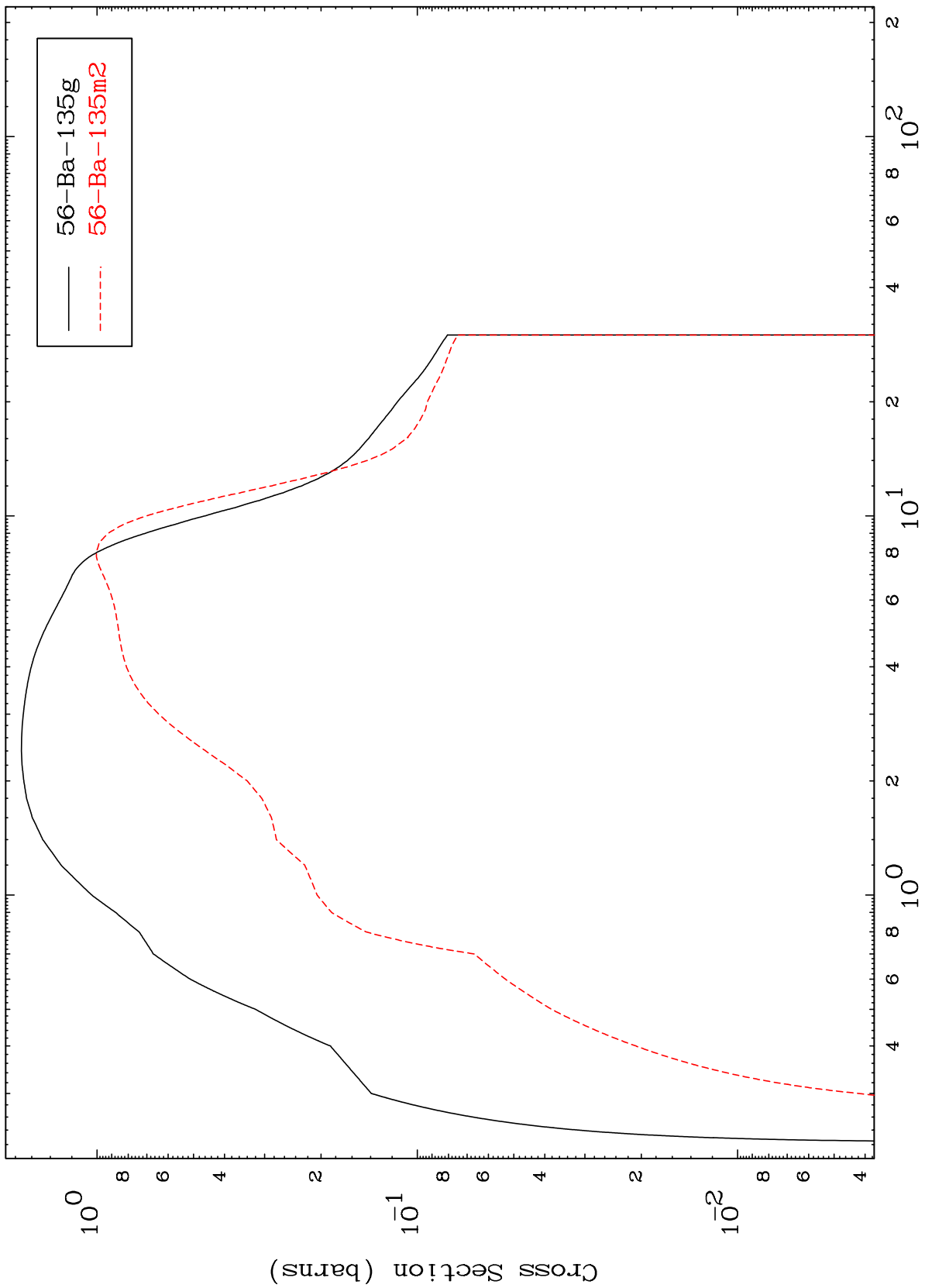




MAT 5640

56-Ba-135

Inelastic
Radionuclide Production Cross Section



138

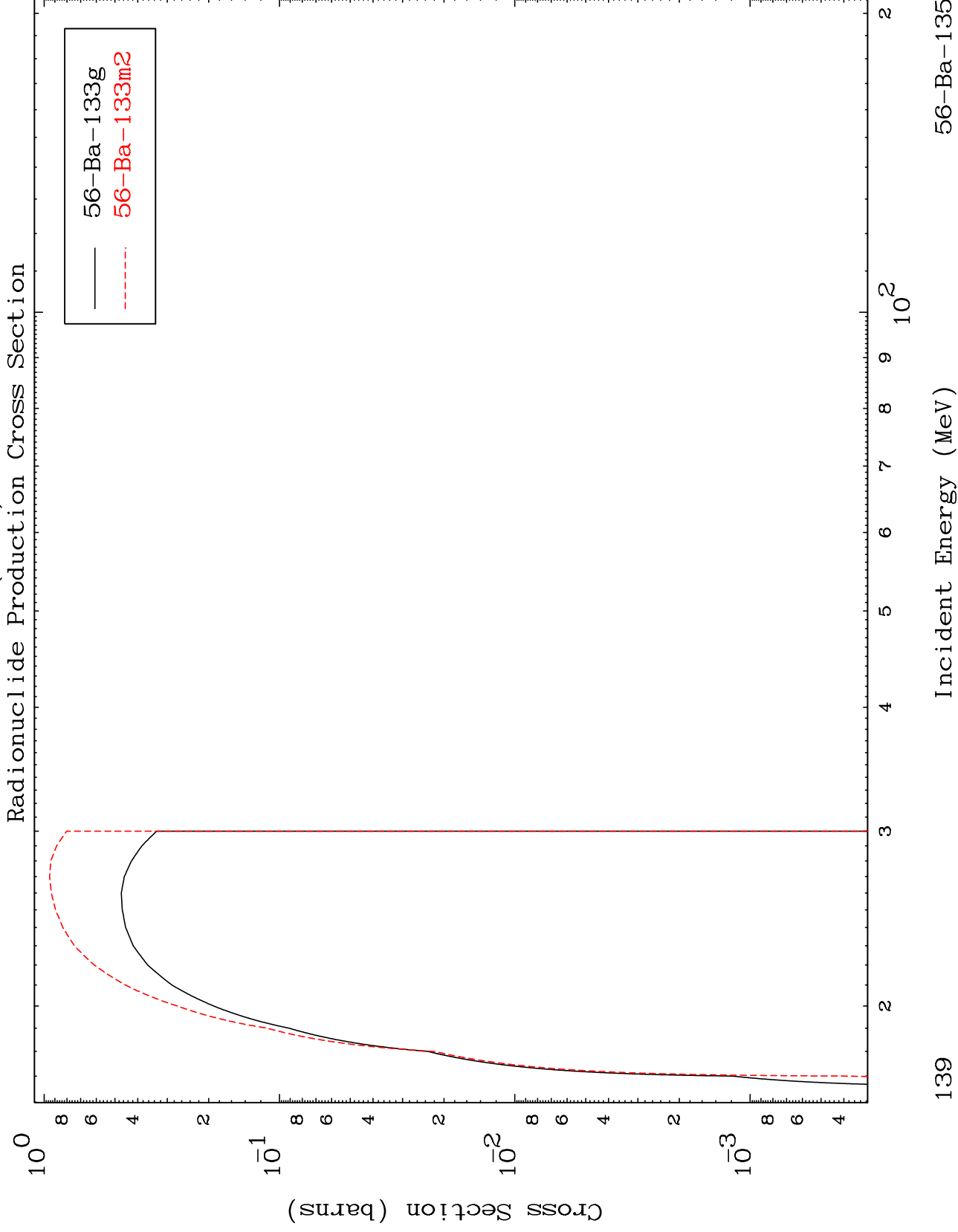
56-Ba-135

Incident Energy (MeV)

MAT 5640

(n,3n)

56-Ba-135



139

Incident Energy (MeV)

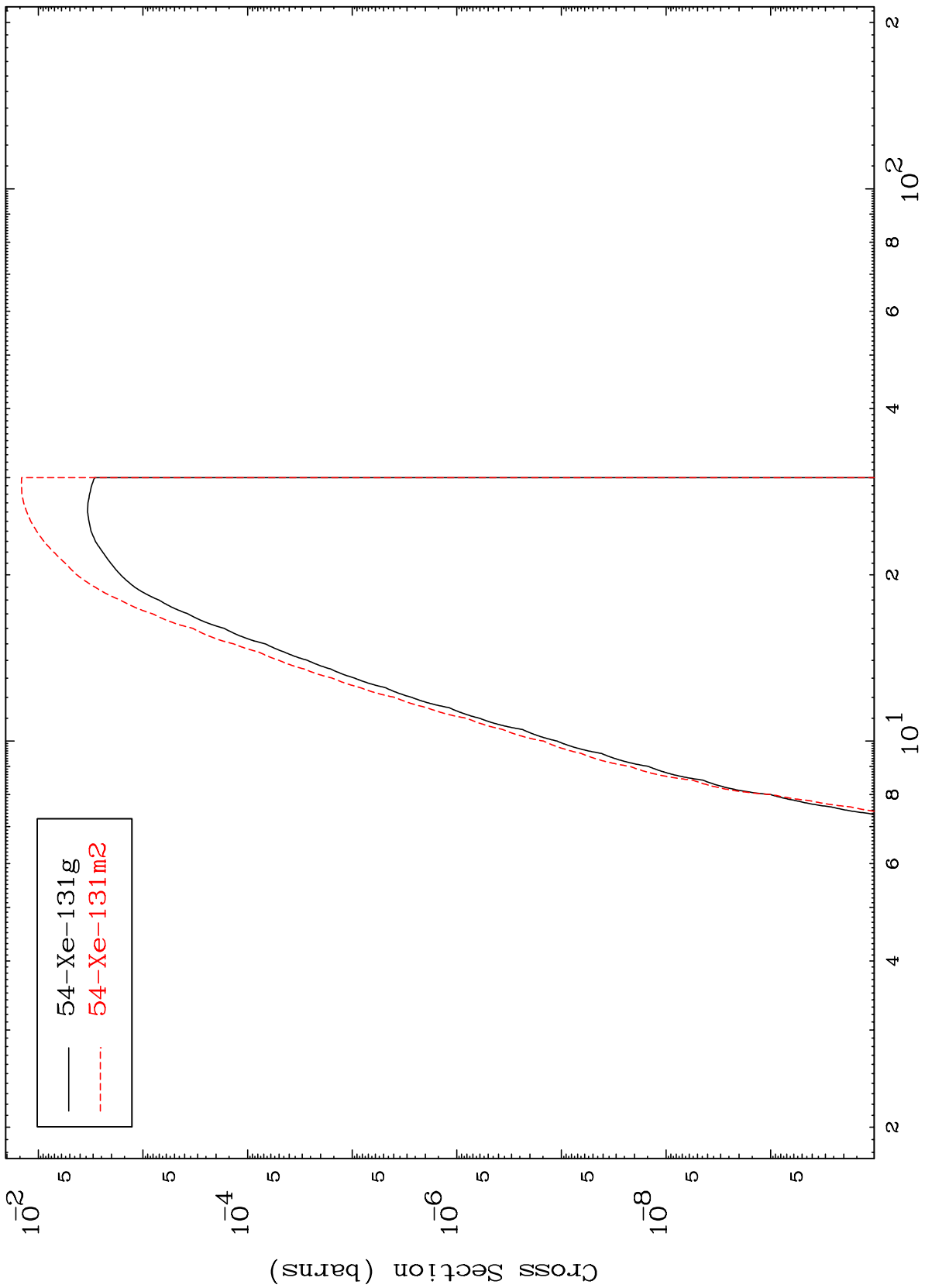
56-Ba-135

MAT 5640

56-Ba-135

(n,n') α

Radionuclide Production Cross Section



140

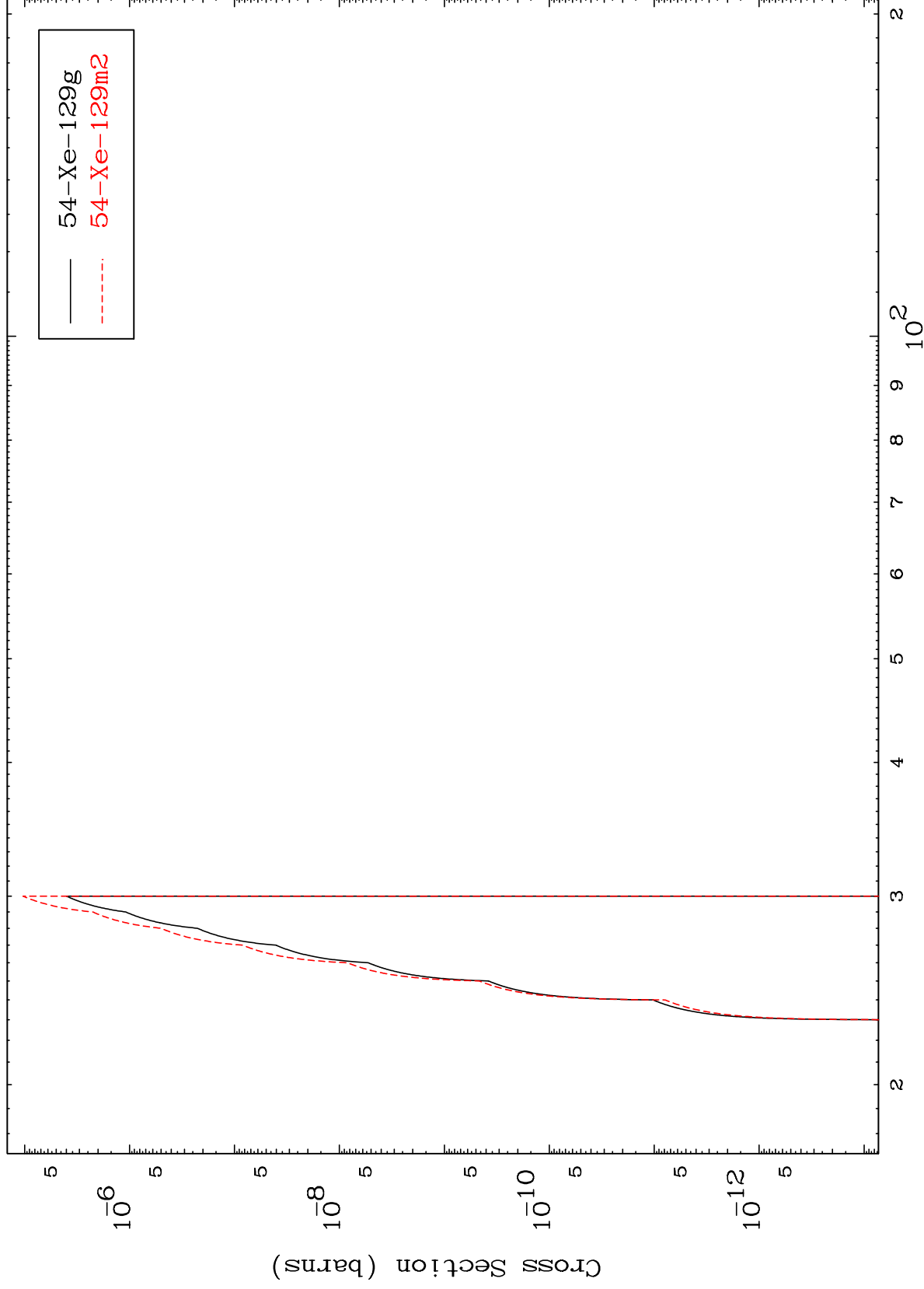
56-Ba-135

MAT 5640

$(n,3n) \alpha$

56-Ba-135

Radionuclide Production Cross Section



141

Incident Energy (MeV)

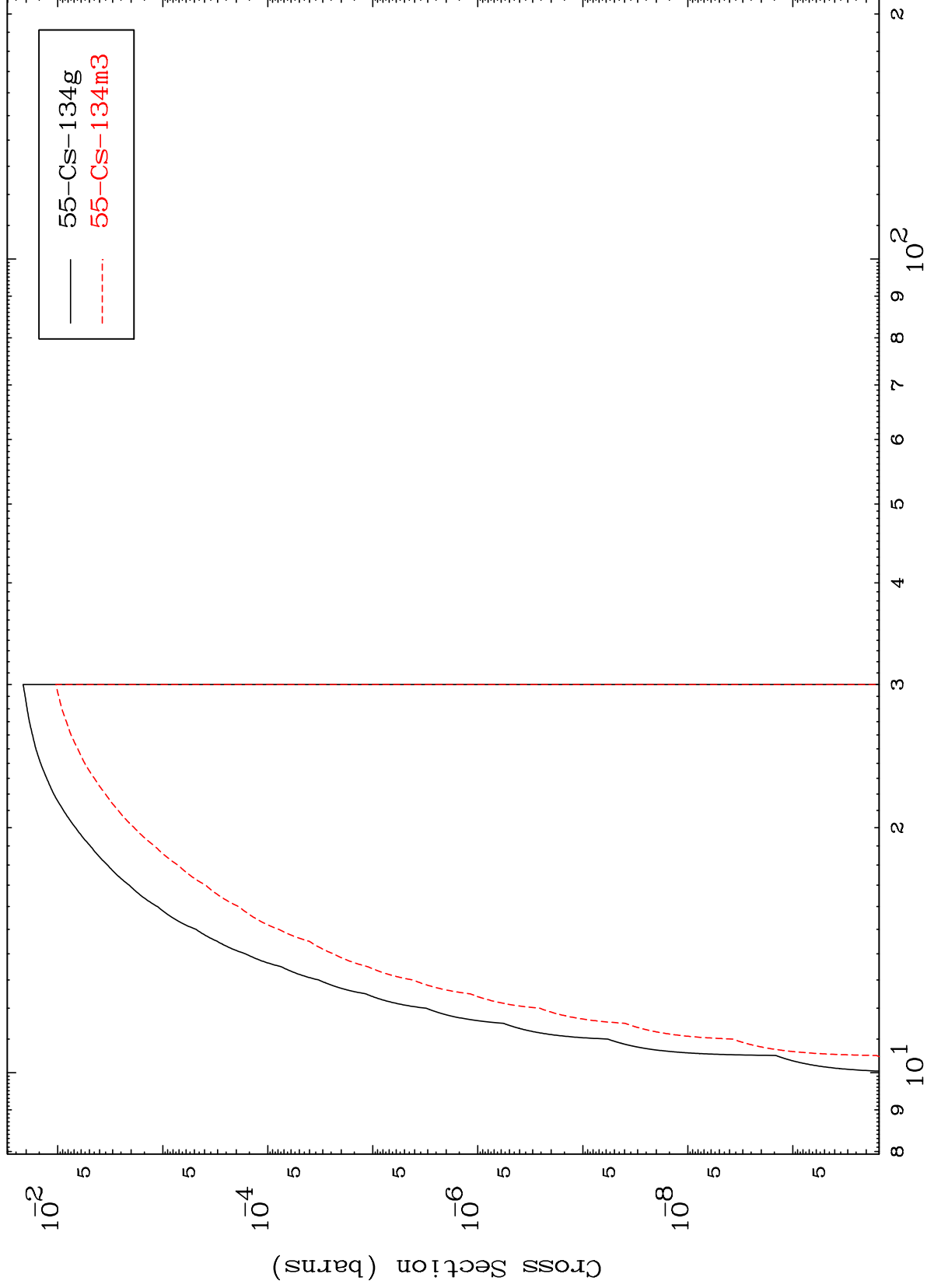
56-Ba-135

MAT 5640

(n,n') p

56-Ba-135

Radionuclide Production Cross Section



142

Incident Energy (MeV)

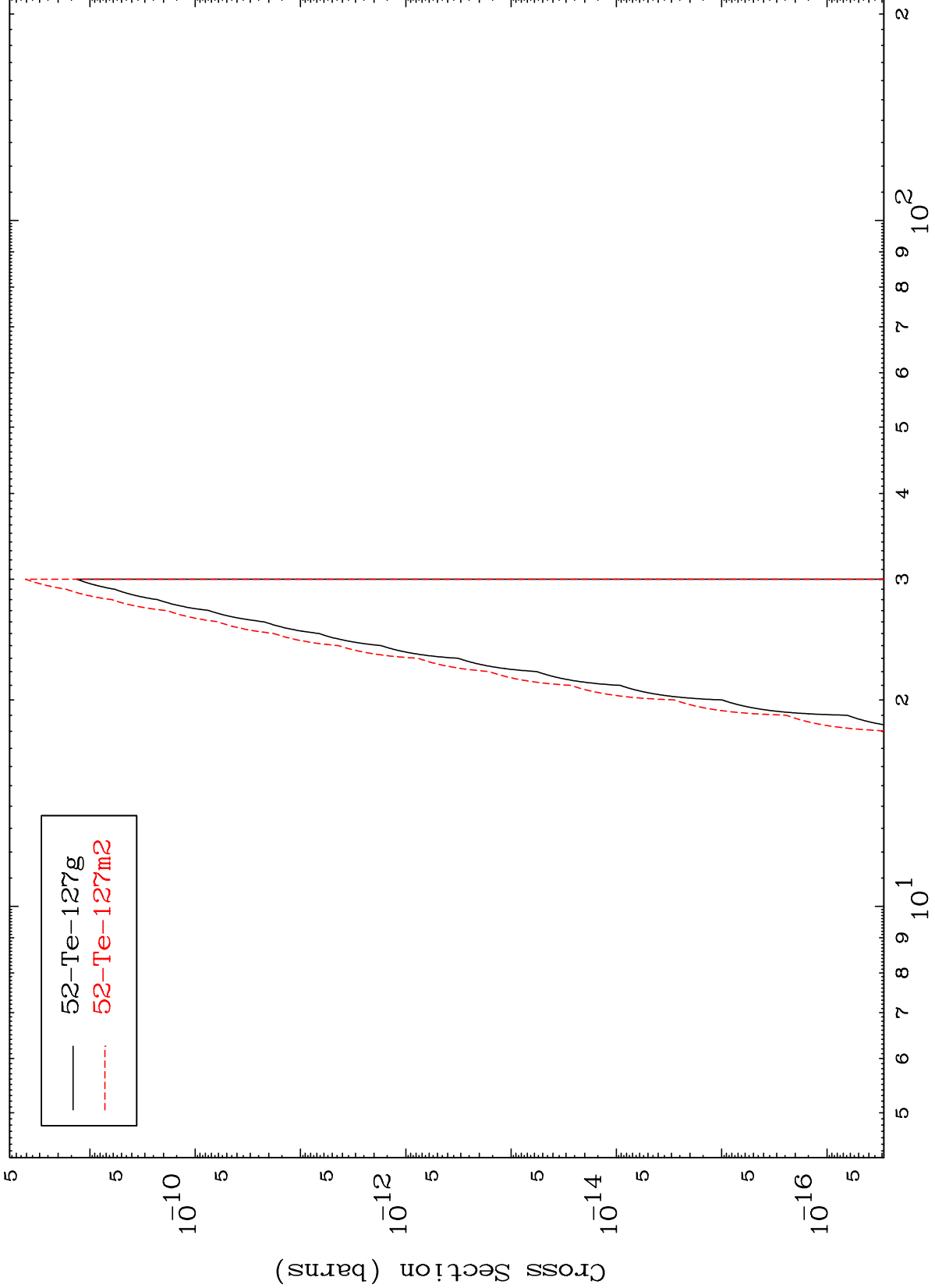
56-Ba-135

MAT 5640

(n, n') 2α

56-Ba-135

Radionuclide Production Cross Section



52-Te-127g
52-Te-127m2

143

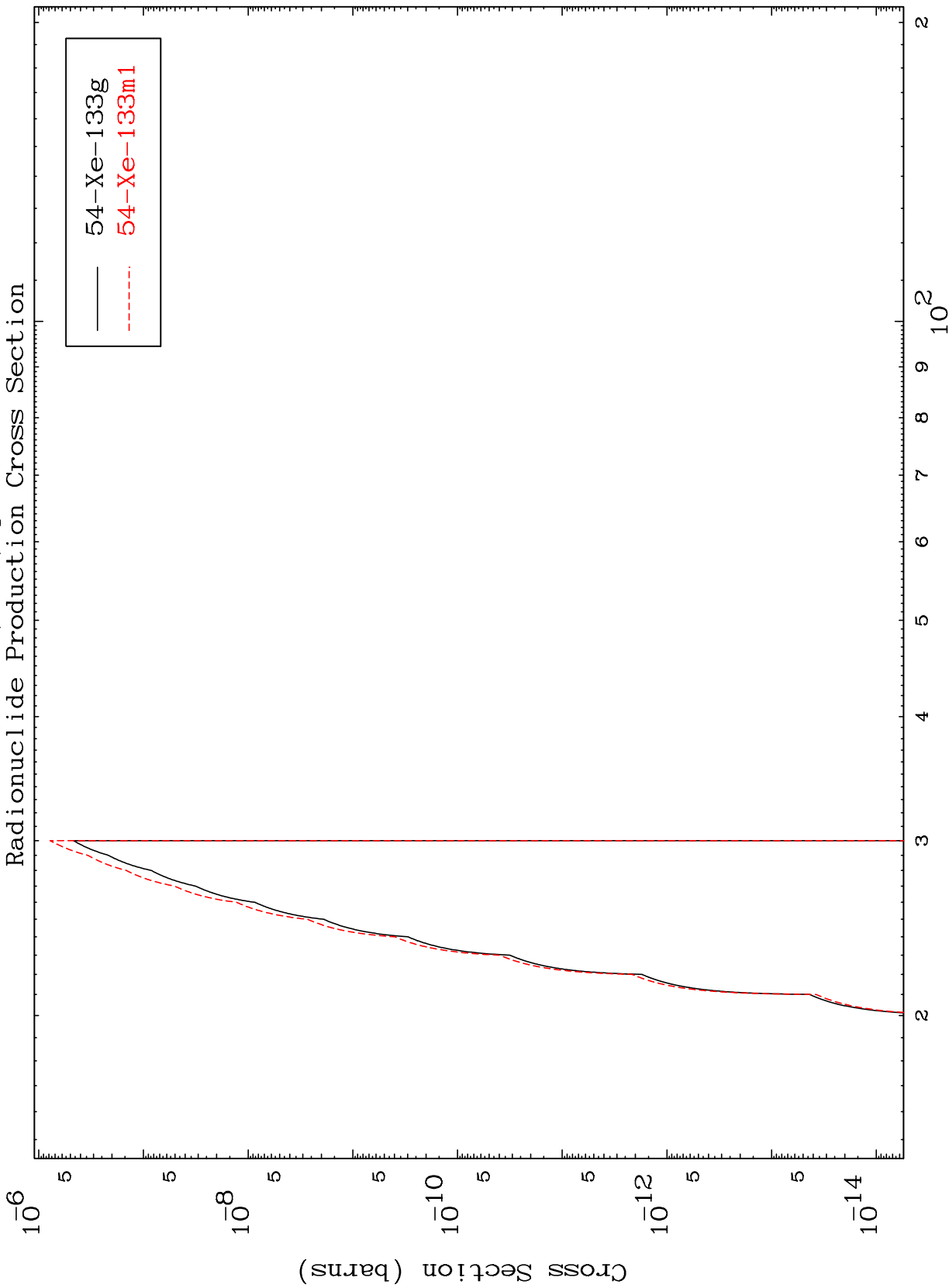
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

$(n,2n)$ p
Radionuclide Production Cross Section



144

56-Ba-135

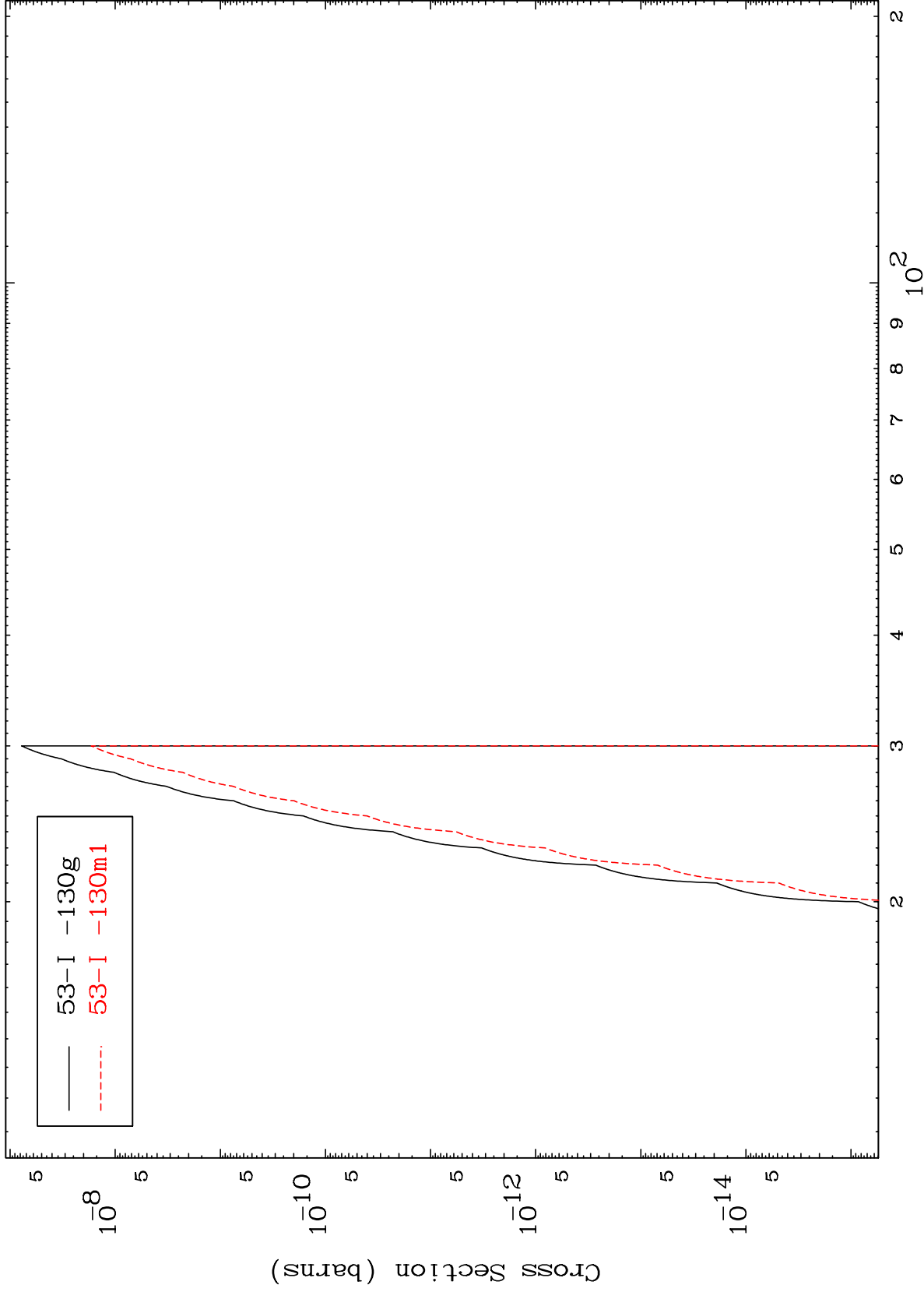
Incident Energy (MeV)

MAT 5640

(n,n') p α

56-Ba-135

Radionuclide Production Cross Section



145

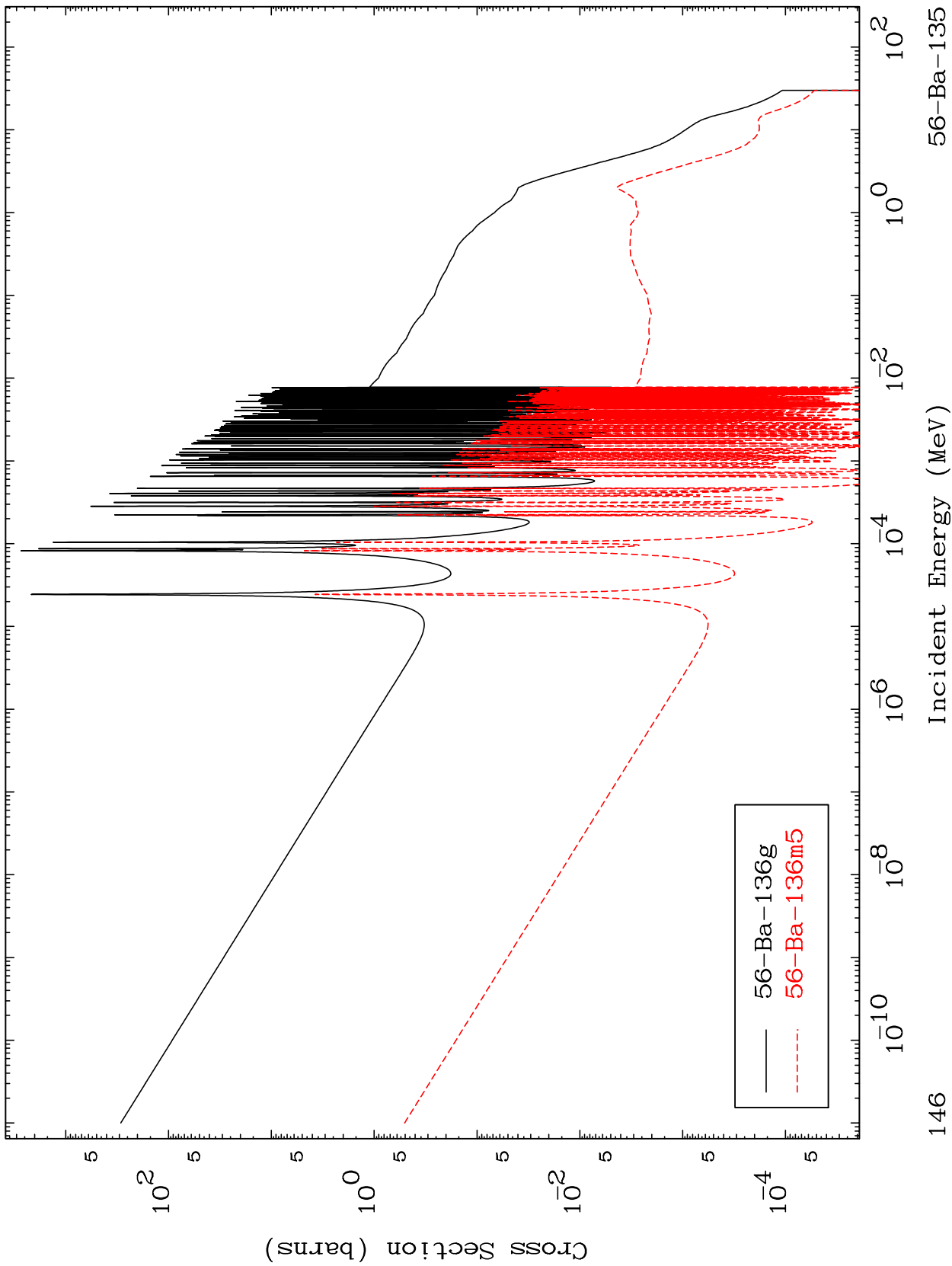
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

(n, γ)
Radionuclide Production Cross Section



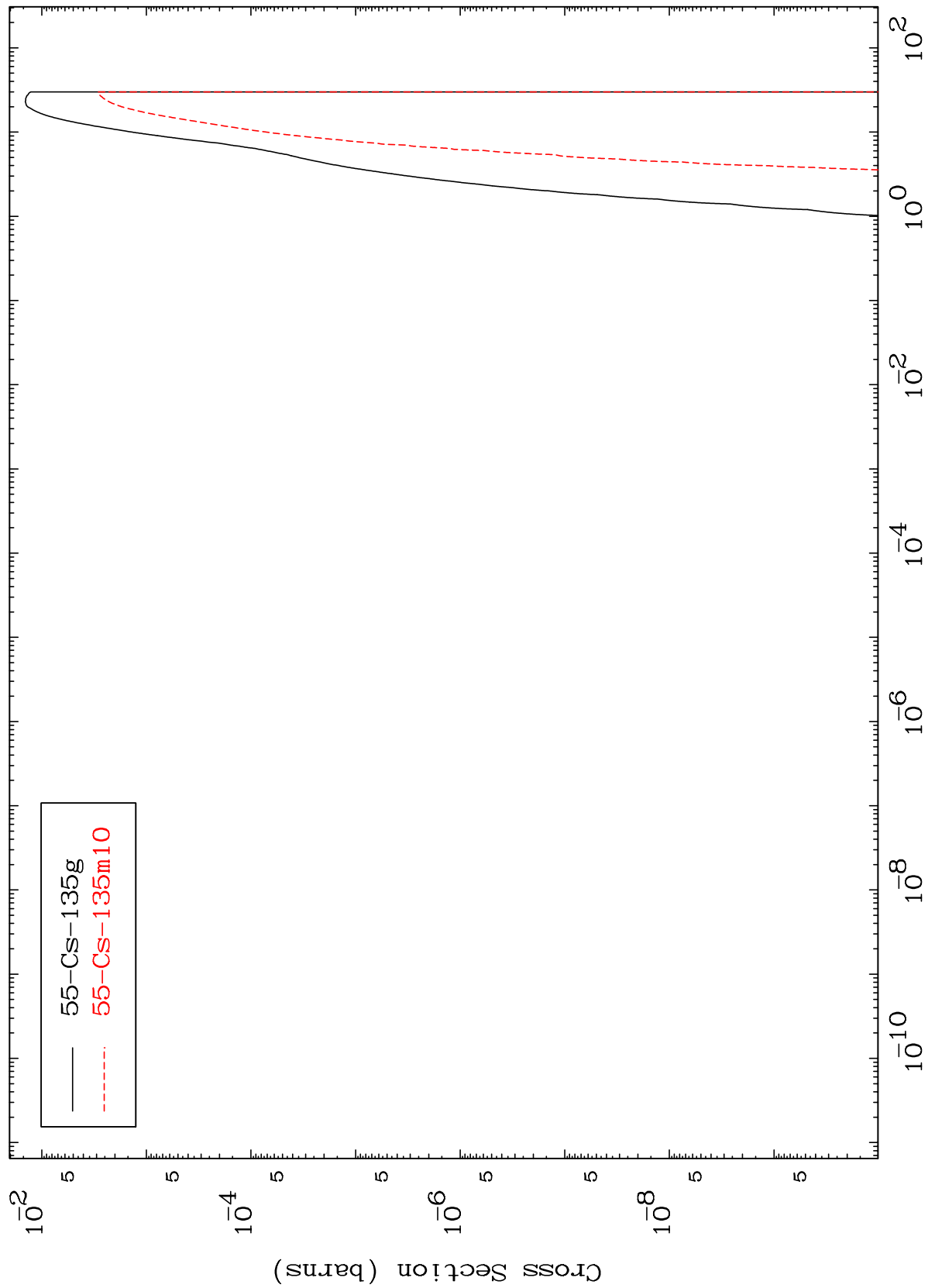
146

56-Ba-135

MAT 5640

56-Ba-135

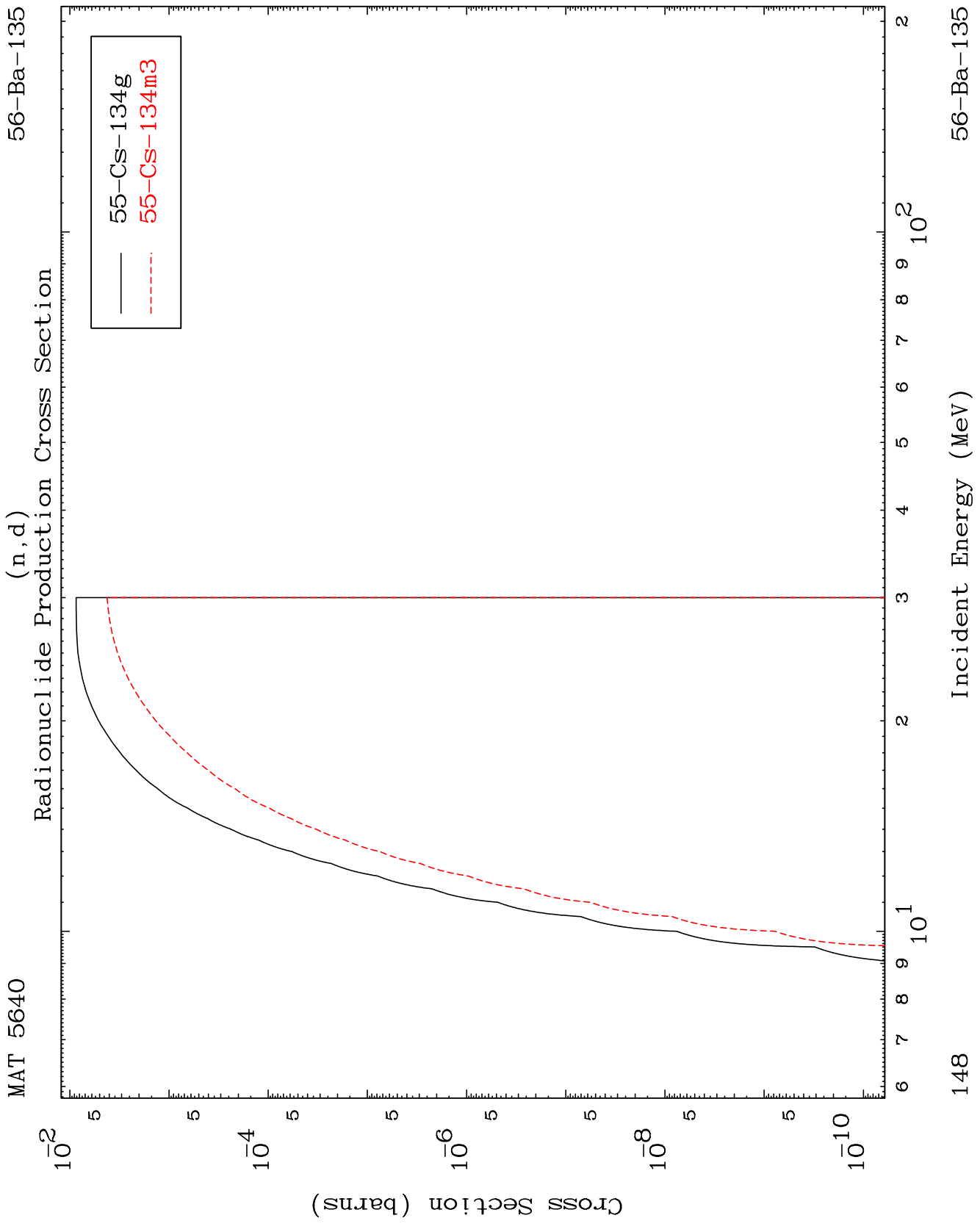
(n,p)
Radionuclide Production Cross Section



56-Ba-135

Incident Energy (MeV)

147

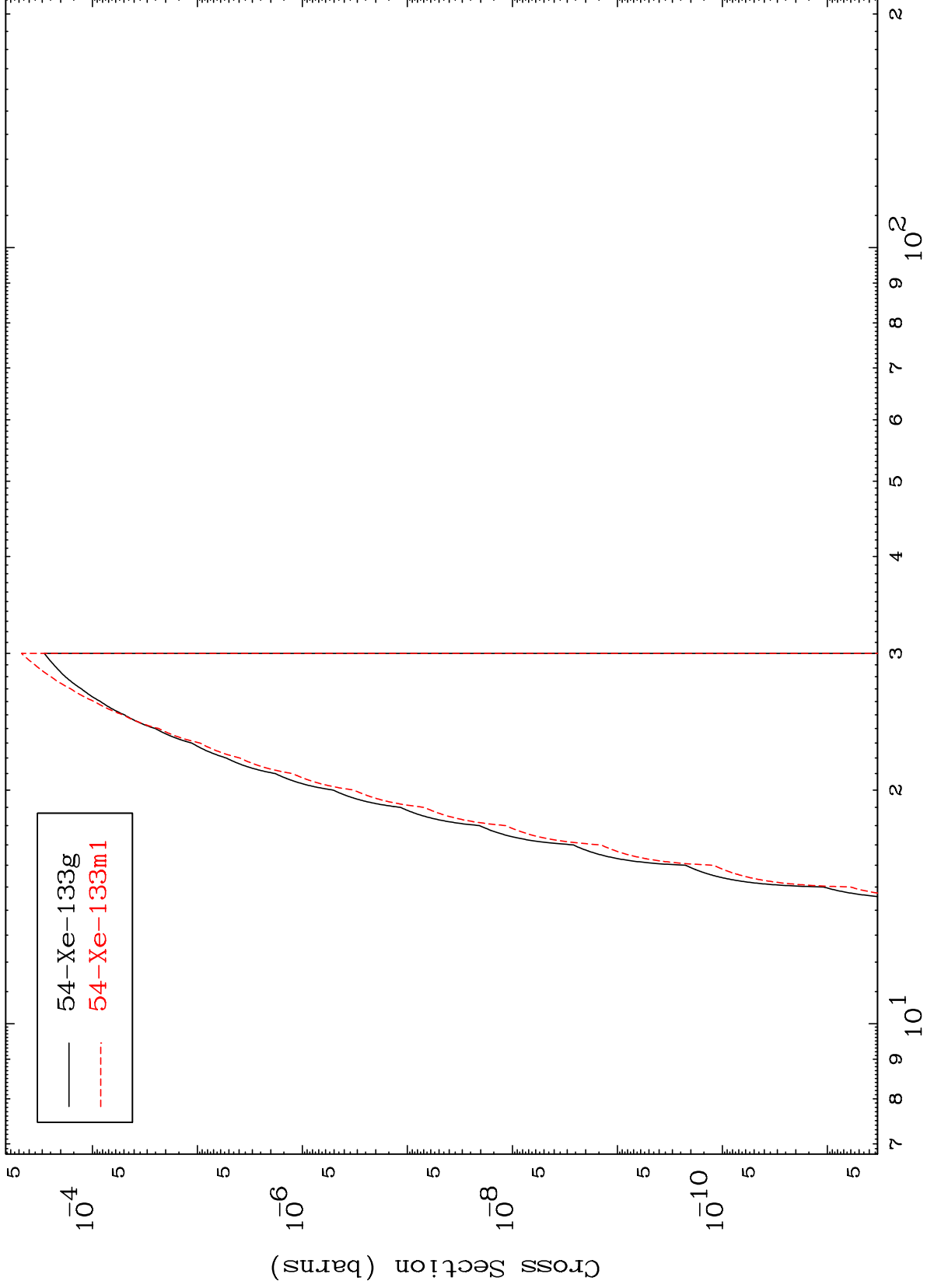


MAT 5640

(n,He-3)

56-Ba-135

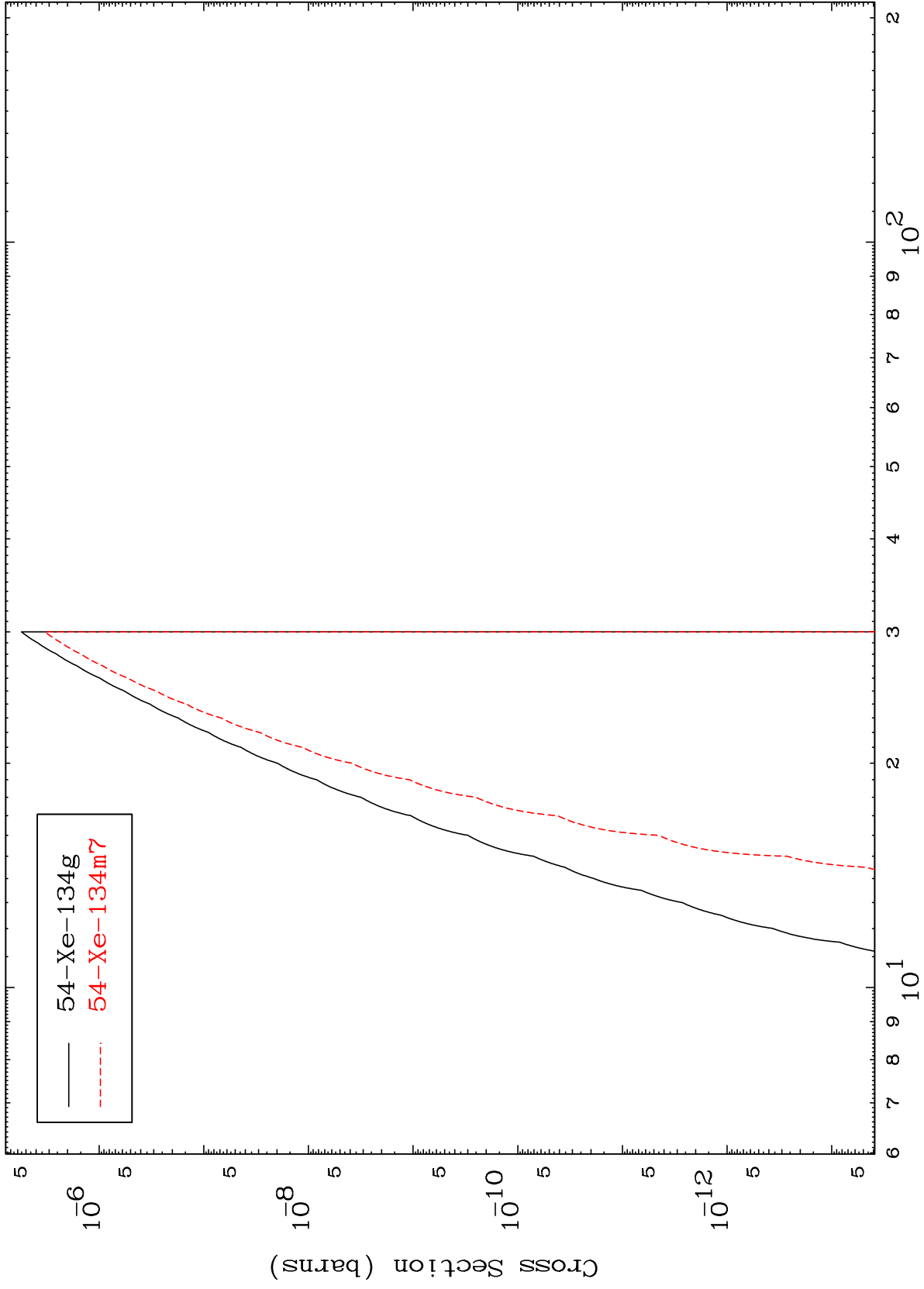
Radionuclide Production Cross Section



MAT 5640

56-Ba-135

(n,2p)
Radionuclide Production Cross Section



56-Ba-135

Incident Energy (MeV)

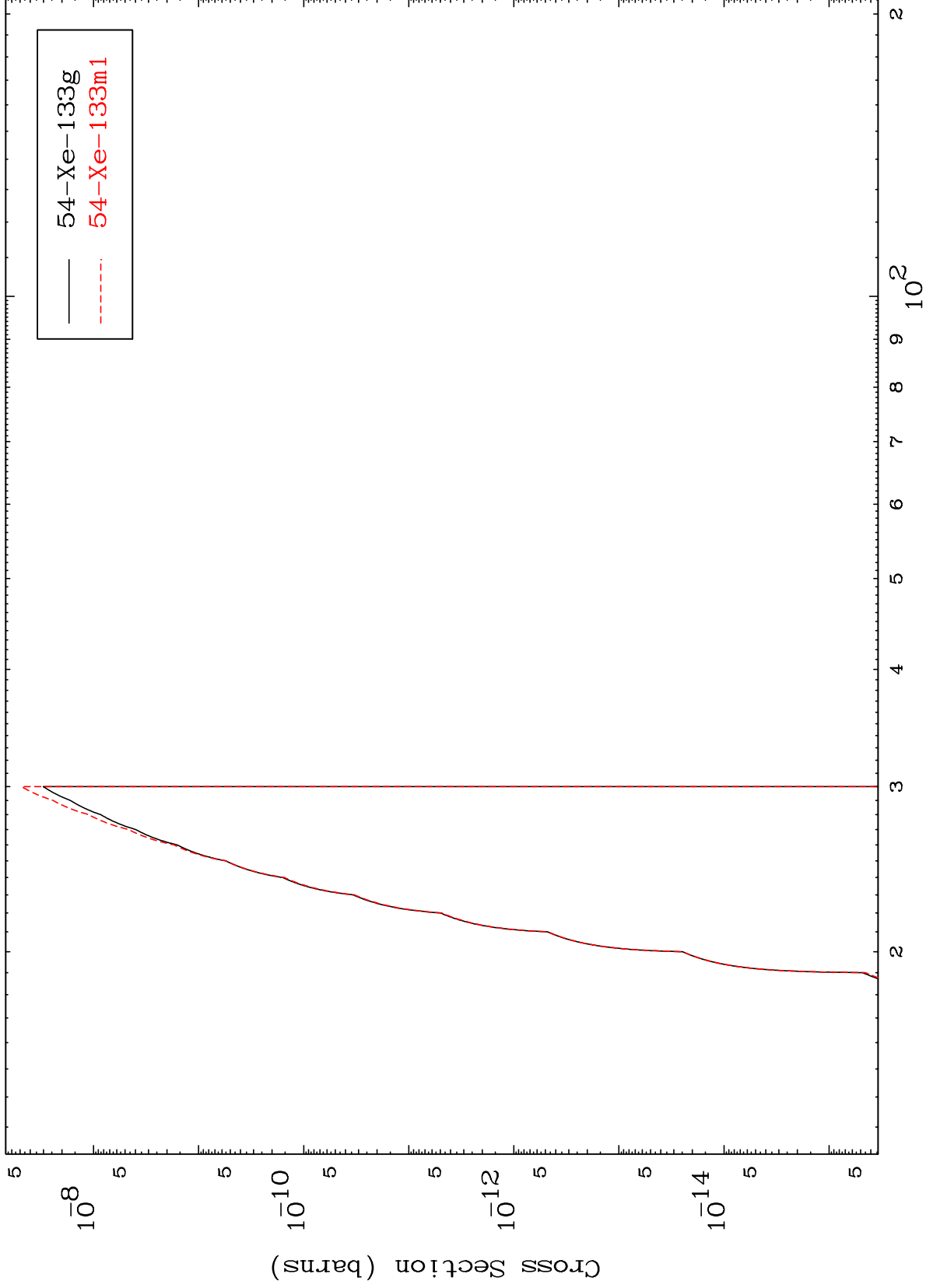
150

MAT 5640

(n,p) d

56-Ba-135

Radionuclide Production Cross Section



151

Incident Energy (MeV)

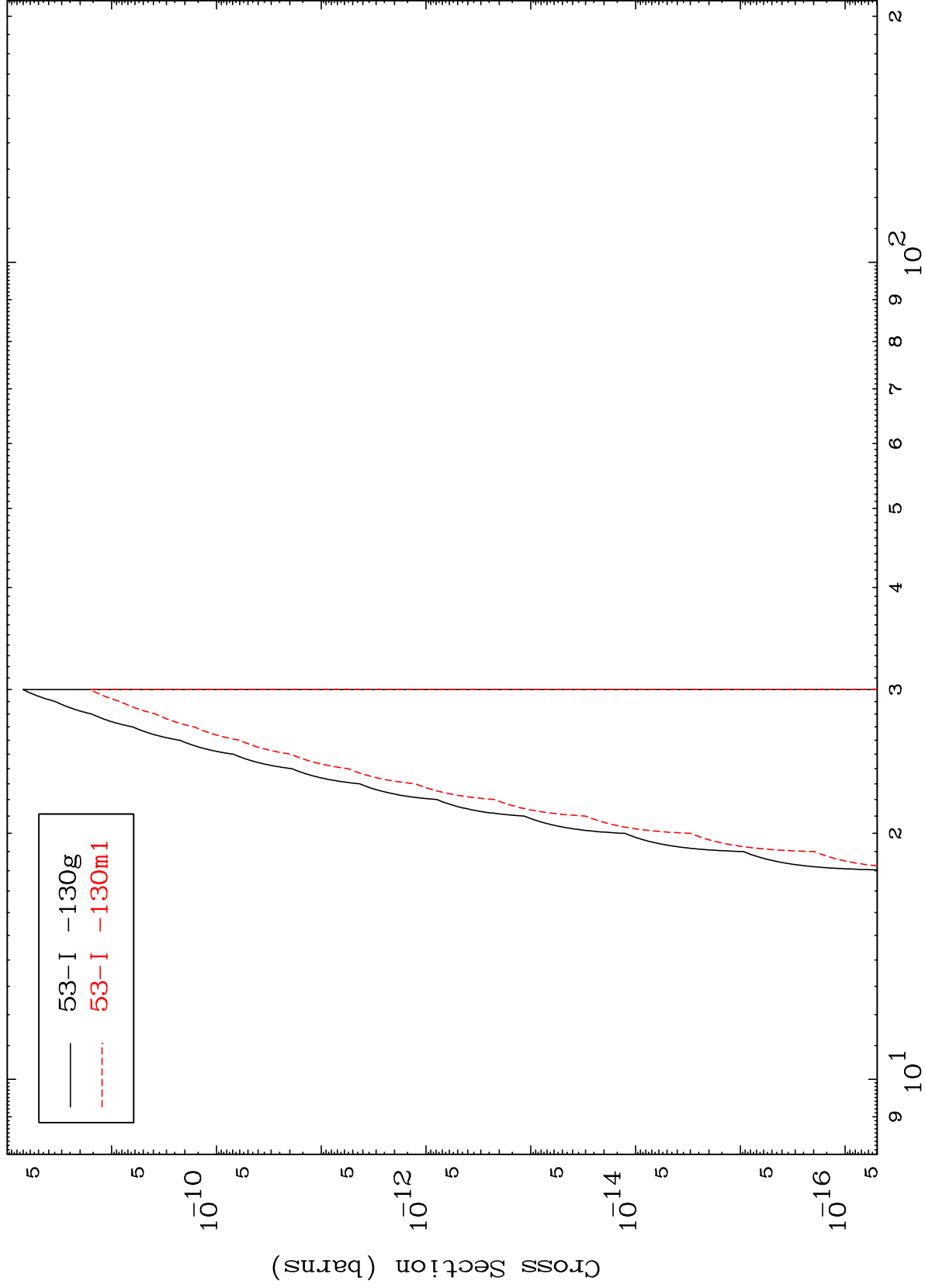
56-Ba-135

MAT 5640

(n,d) α

56-Ba-135

Radionuclide Production Cross Section



152

Incident Energy (MeV)

56-Ba-135