

Program EVALPLOT
(Version 2021-1)

by

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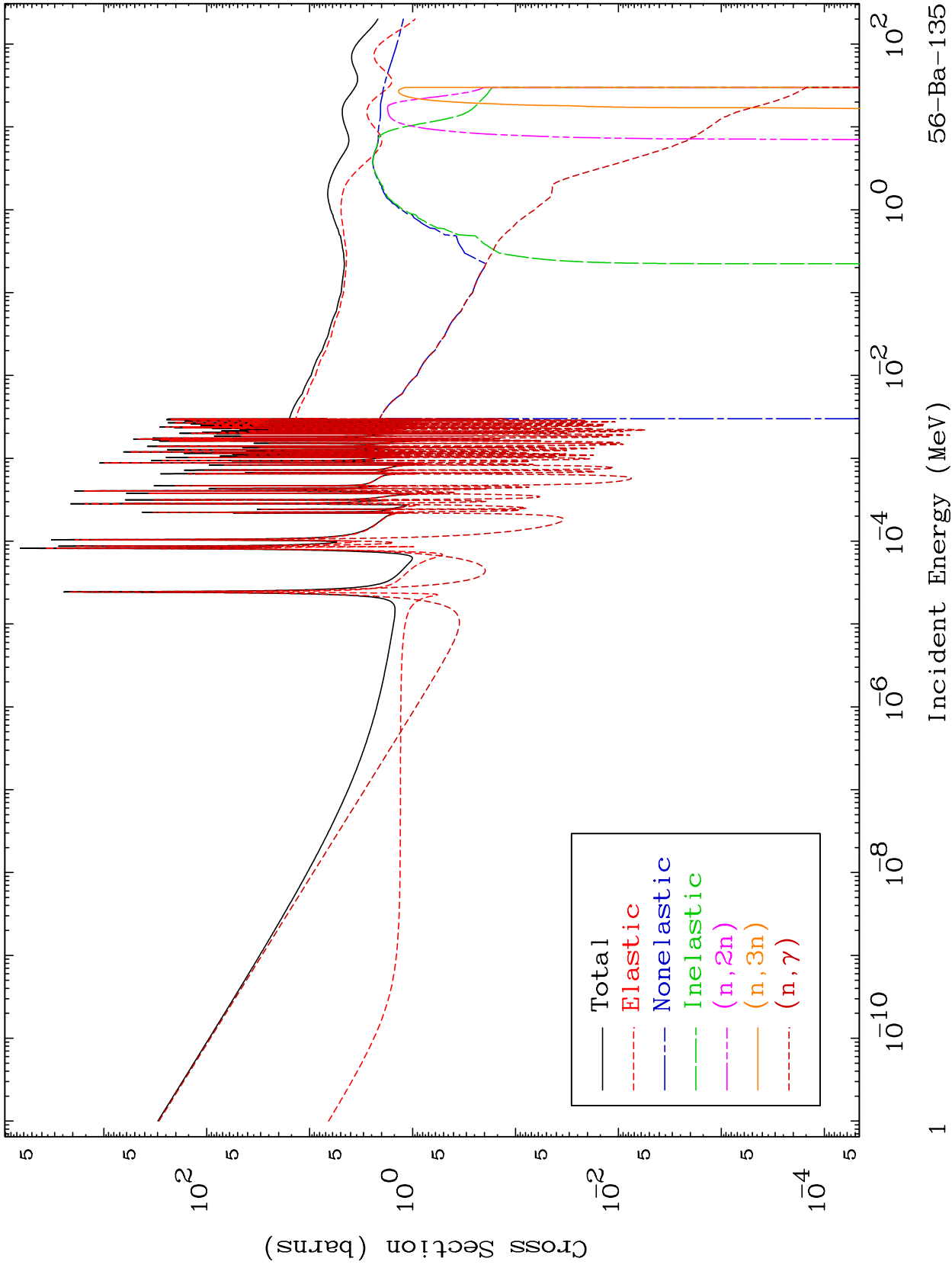
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Press Mouse Button to Start

MAT 5640

Neutron Major
293 Kelvin Cross Sections

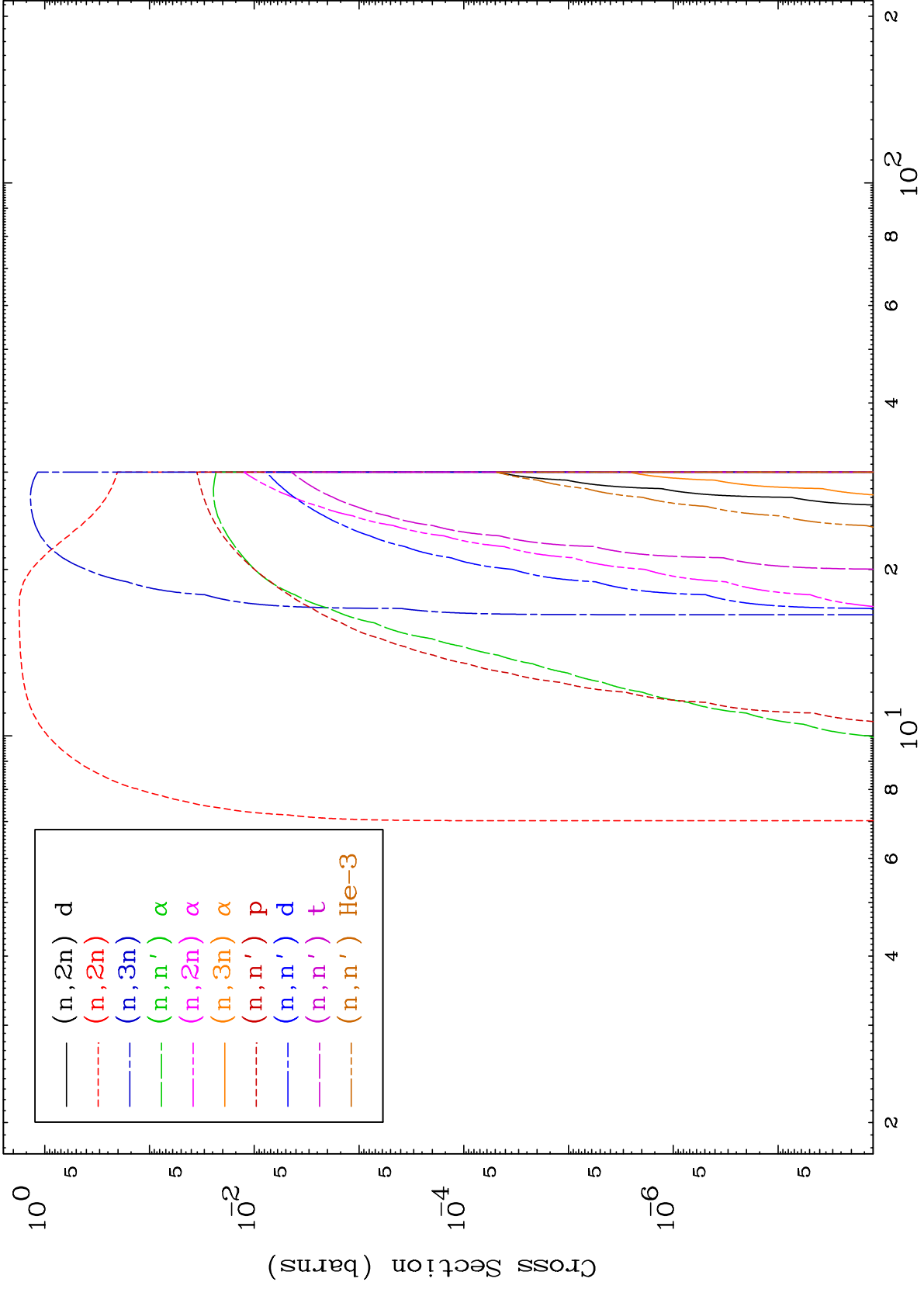
56-Ba-135



MAT 5640

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-135



2

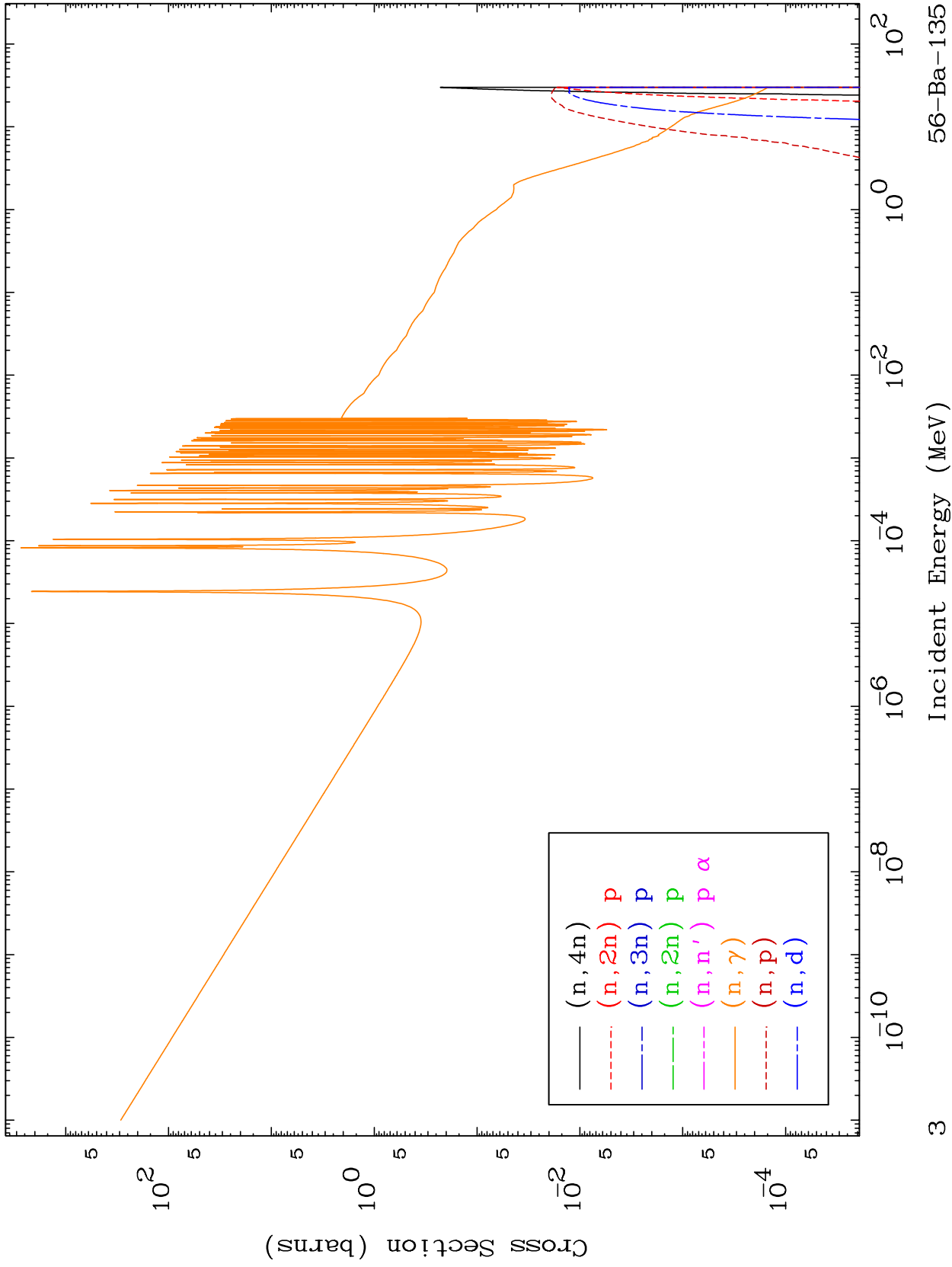
Incident Energy (MeV)

56-Ba-135

MAT 5640

Neutron Absorption
293 Kelvin Cross Sections

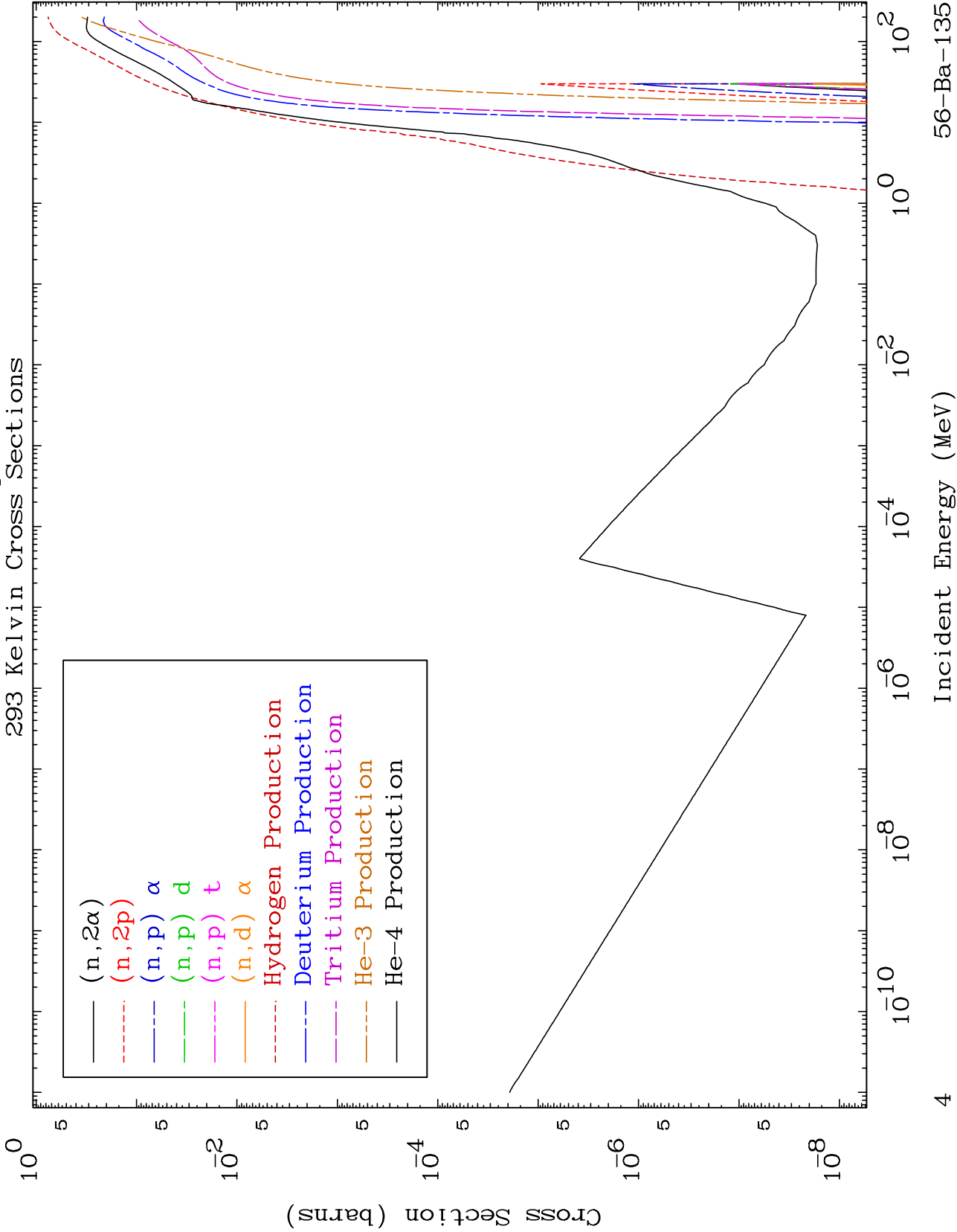
56-Ba-135



MAT 5640

Neutron Absorption
293 Kelvin Cross Sections

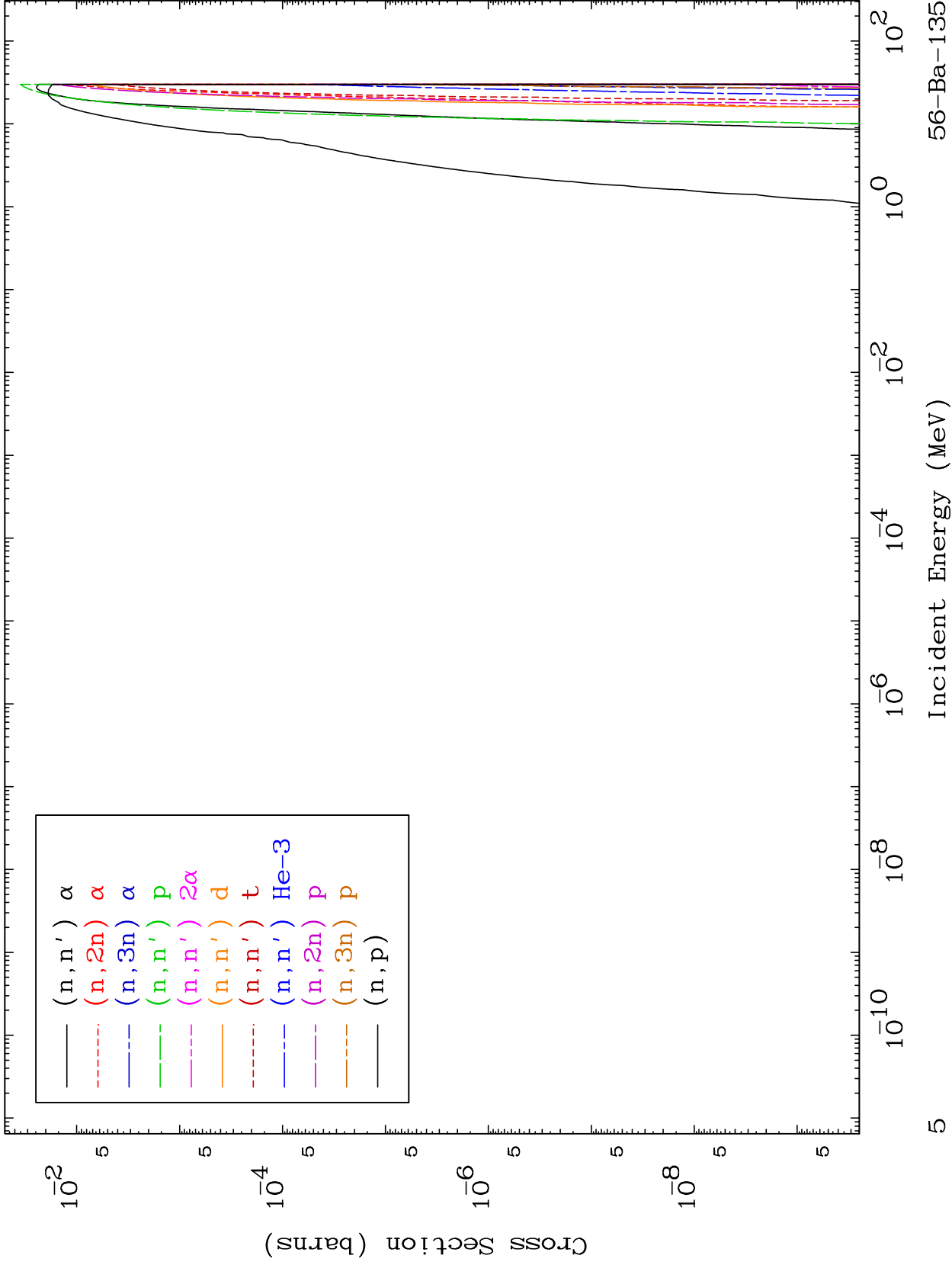
56-Ba-135



MAT 5640

Charged Particle
293 Kelvin Cross Sections

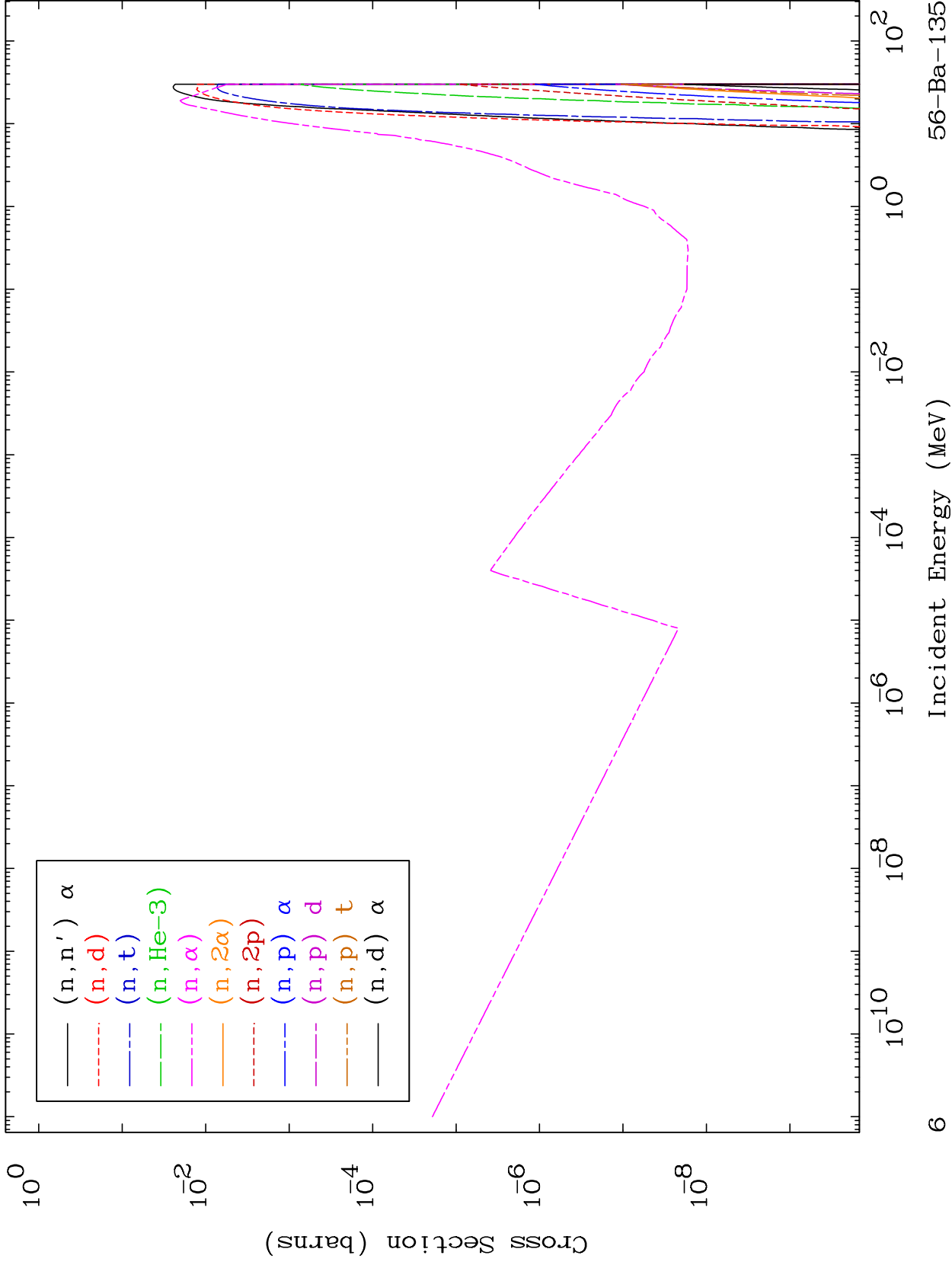
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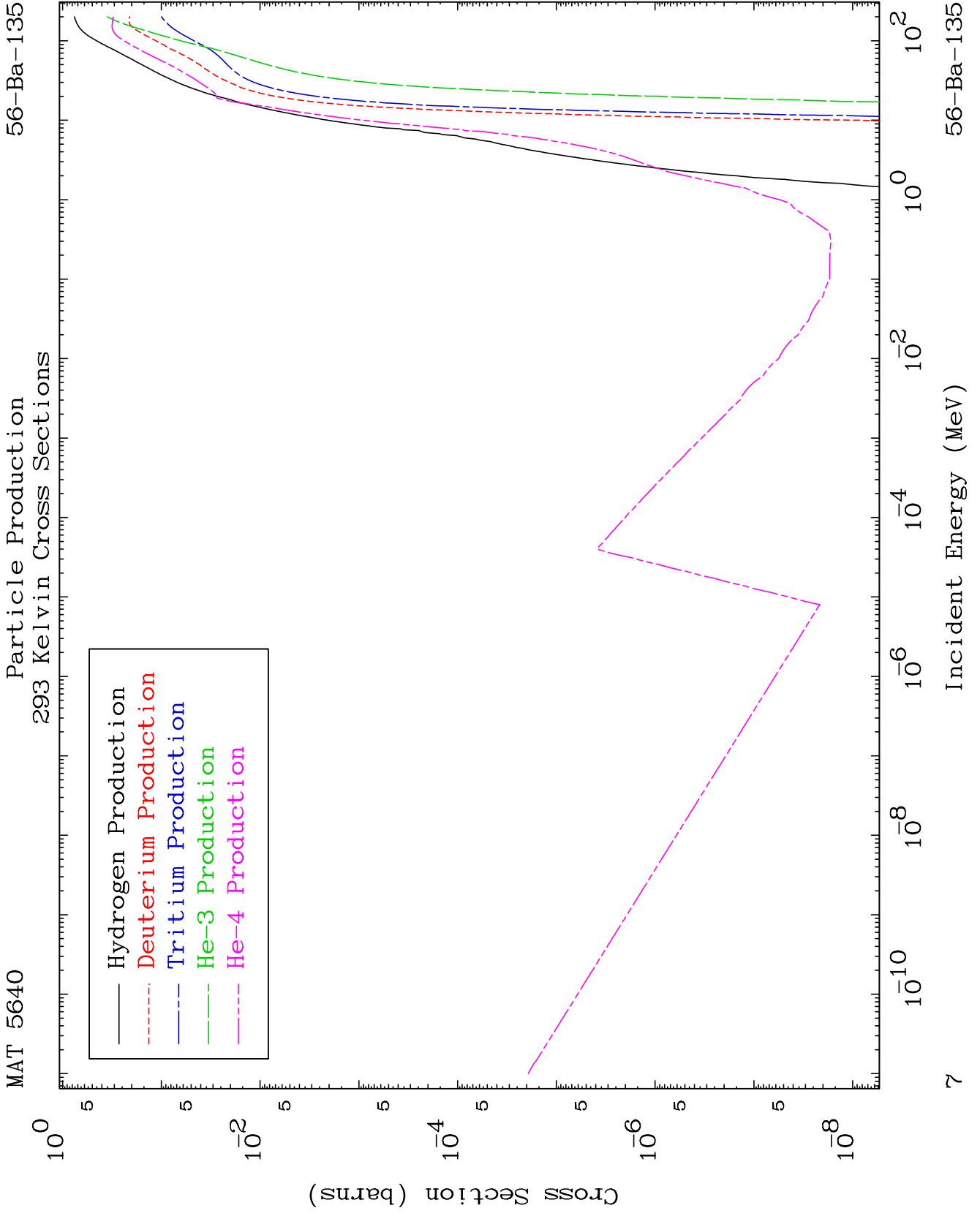


MAT 5640

Charged Particle
293 Kelvin Cross Sections

56-Ba-135



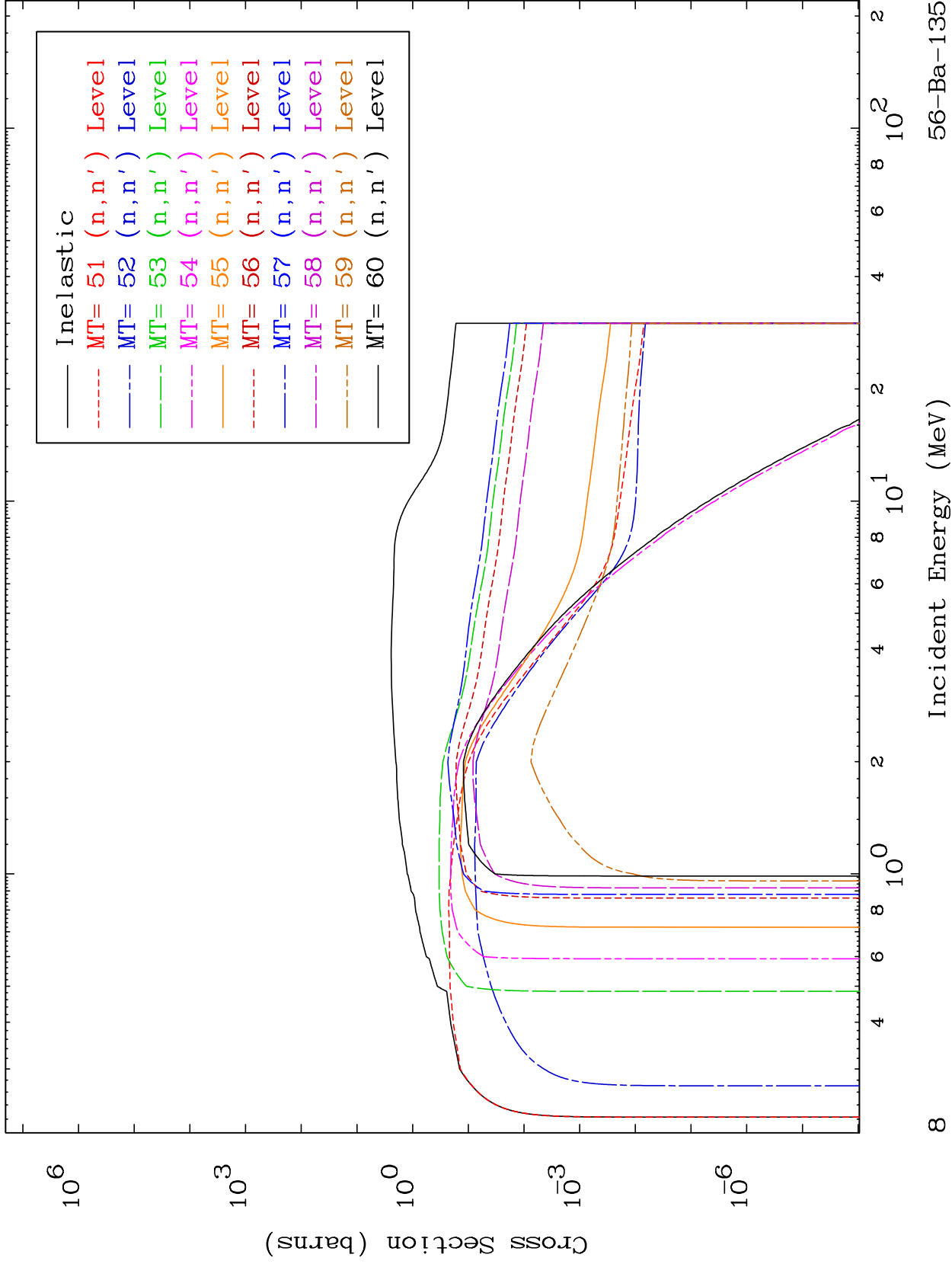


MAT 5640

(n,n') Levels

56-Ba-135

293 Kelvin Cross Sections

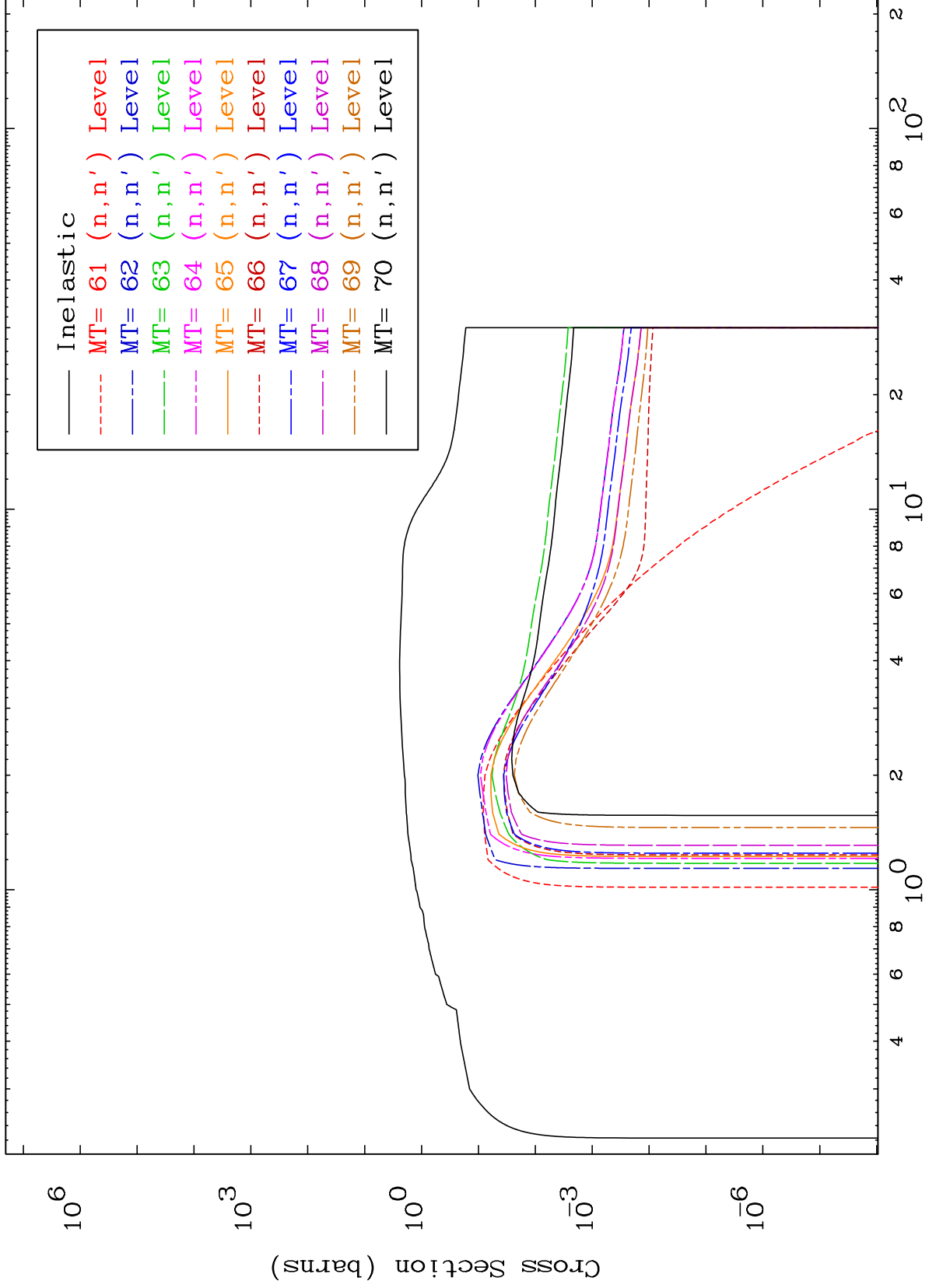


MAT 5640

(n,n') Levels

56-Ba-135

293 Kelvin Cross Sections

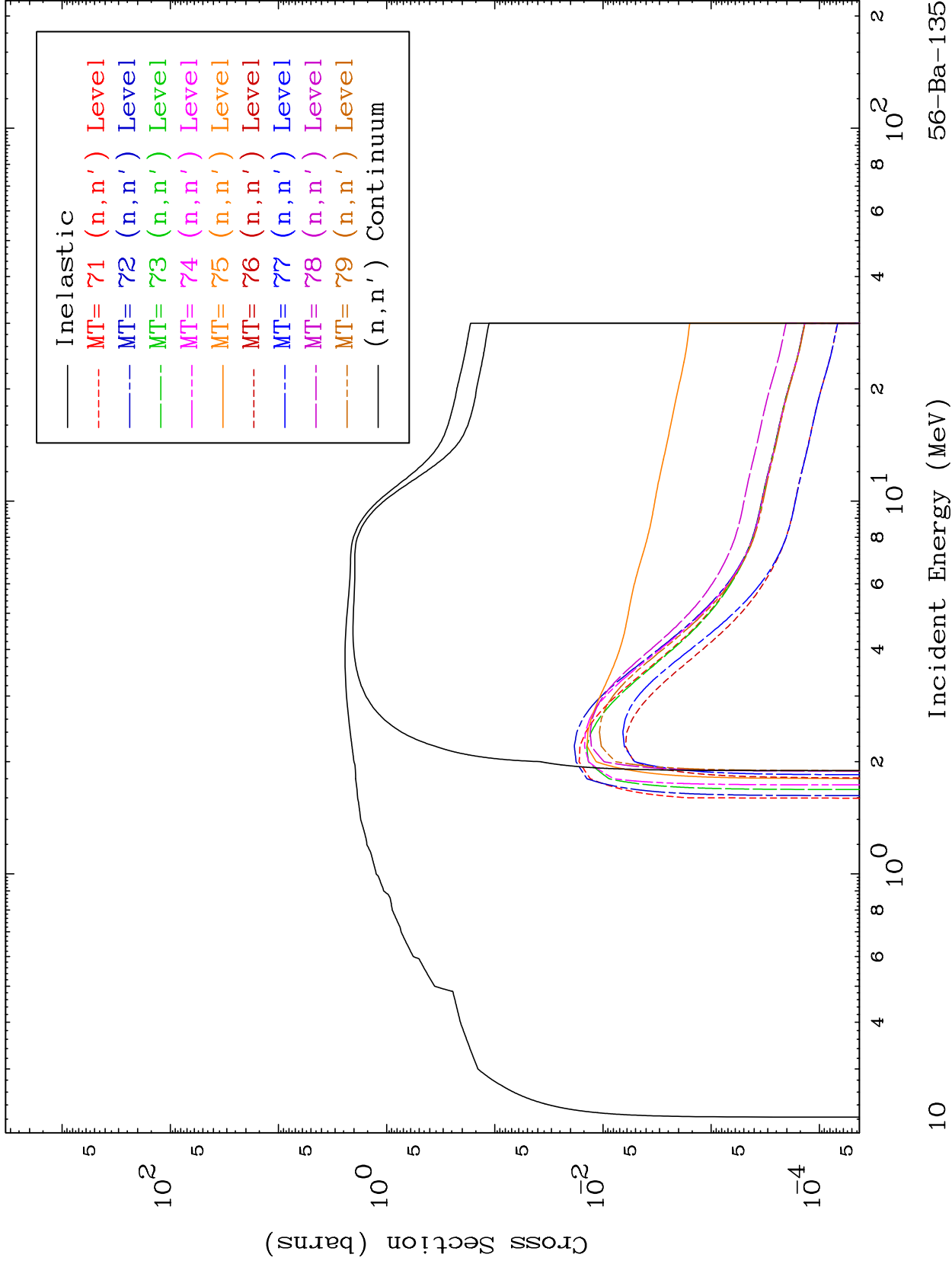


MAT 5640

(n,n') Levels

56-Ba-135

293 Kelvin Cross Sections



10

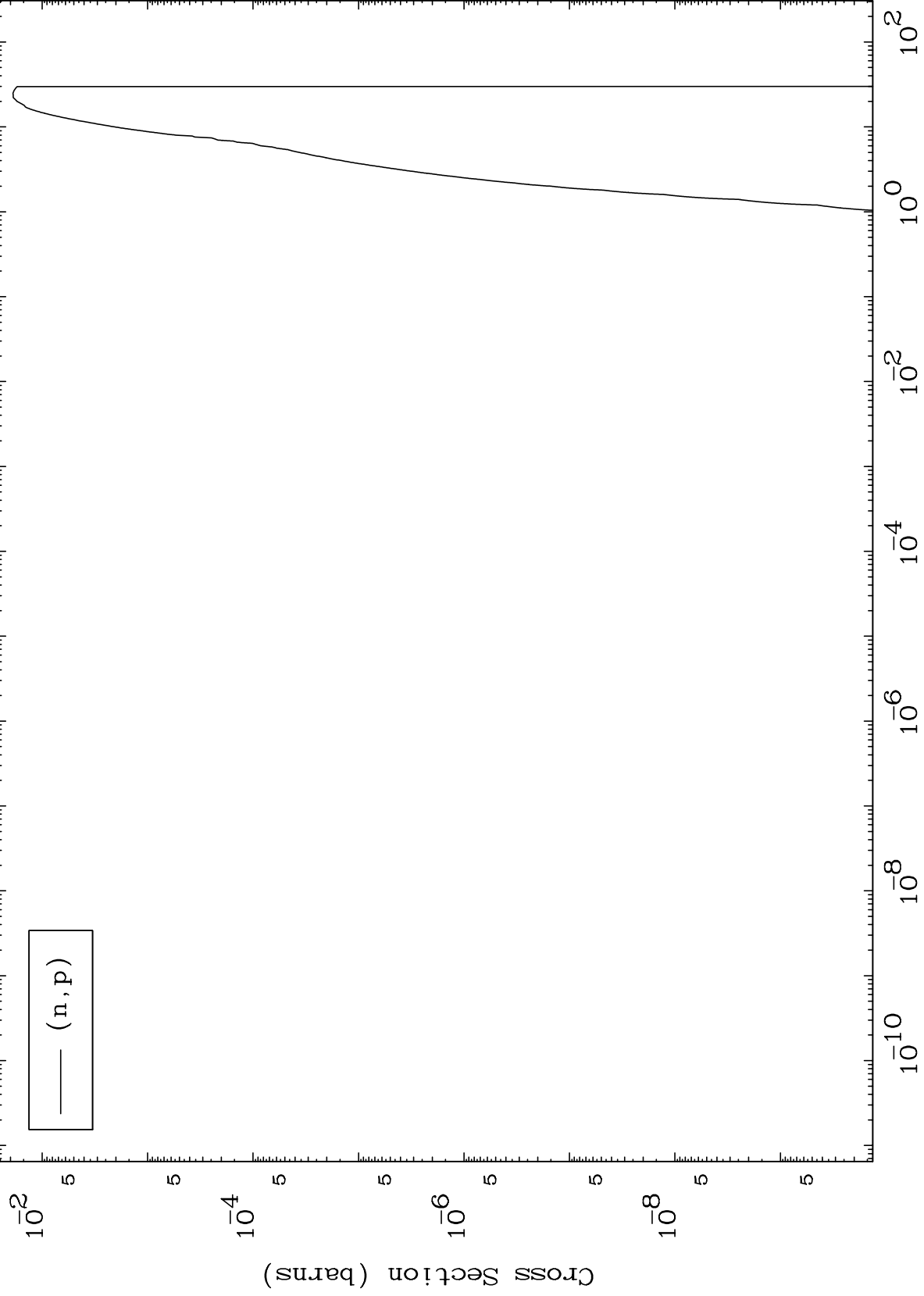
Incident Energy (MeV)

56-Ba-135

MAT 5640

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-135

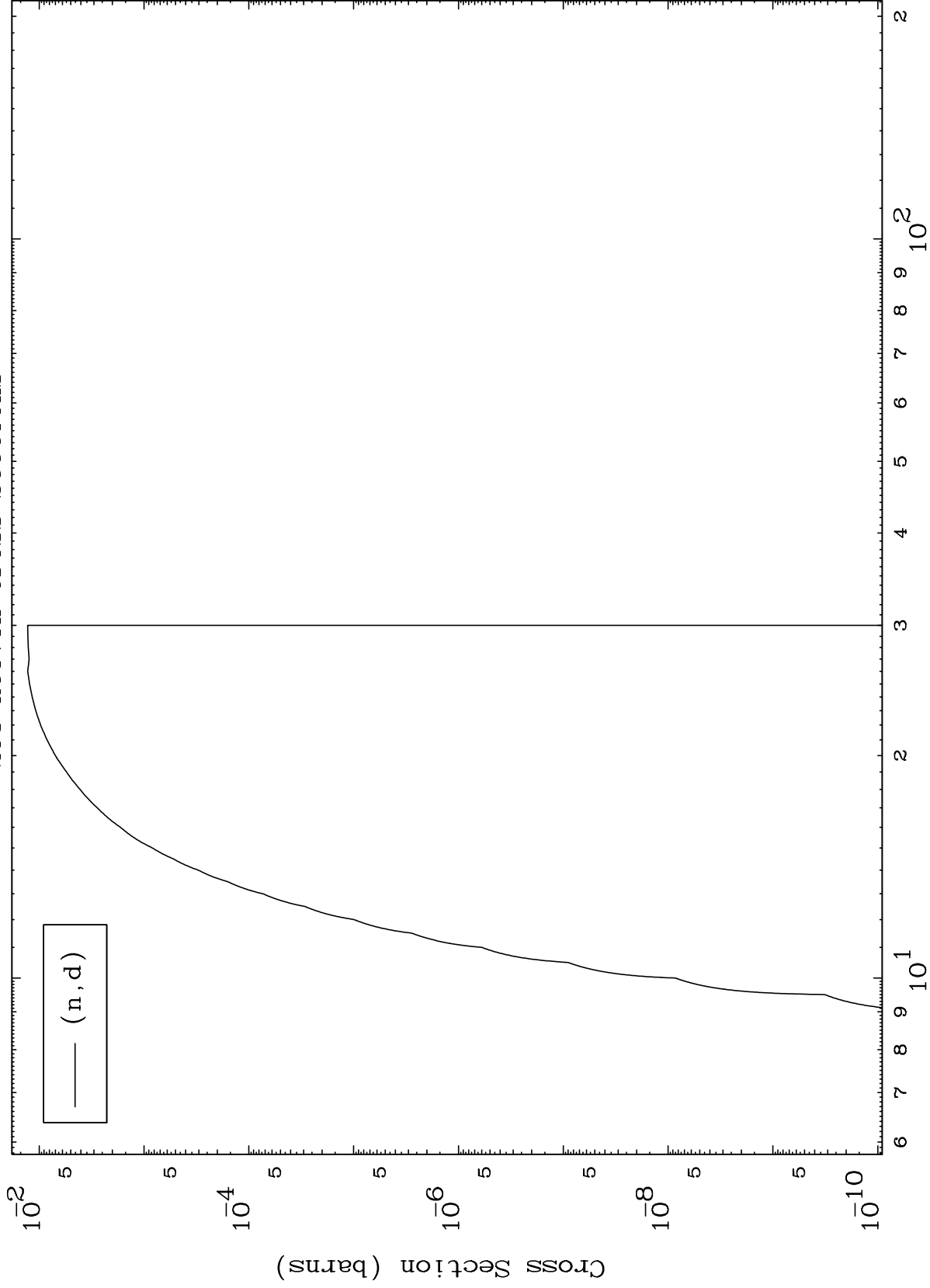


56-Ba-135

MAT 5640

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-135



12

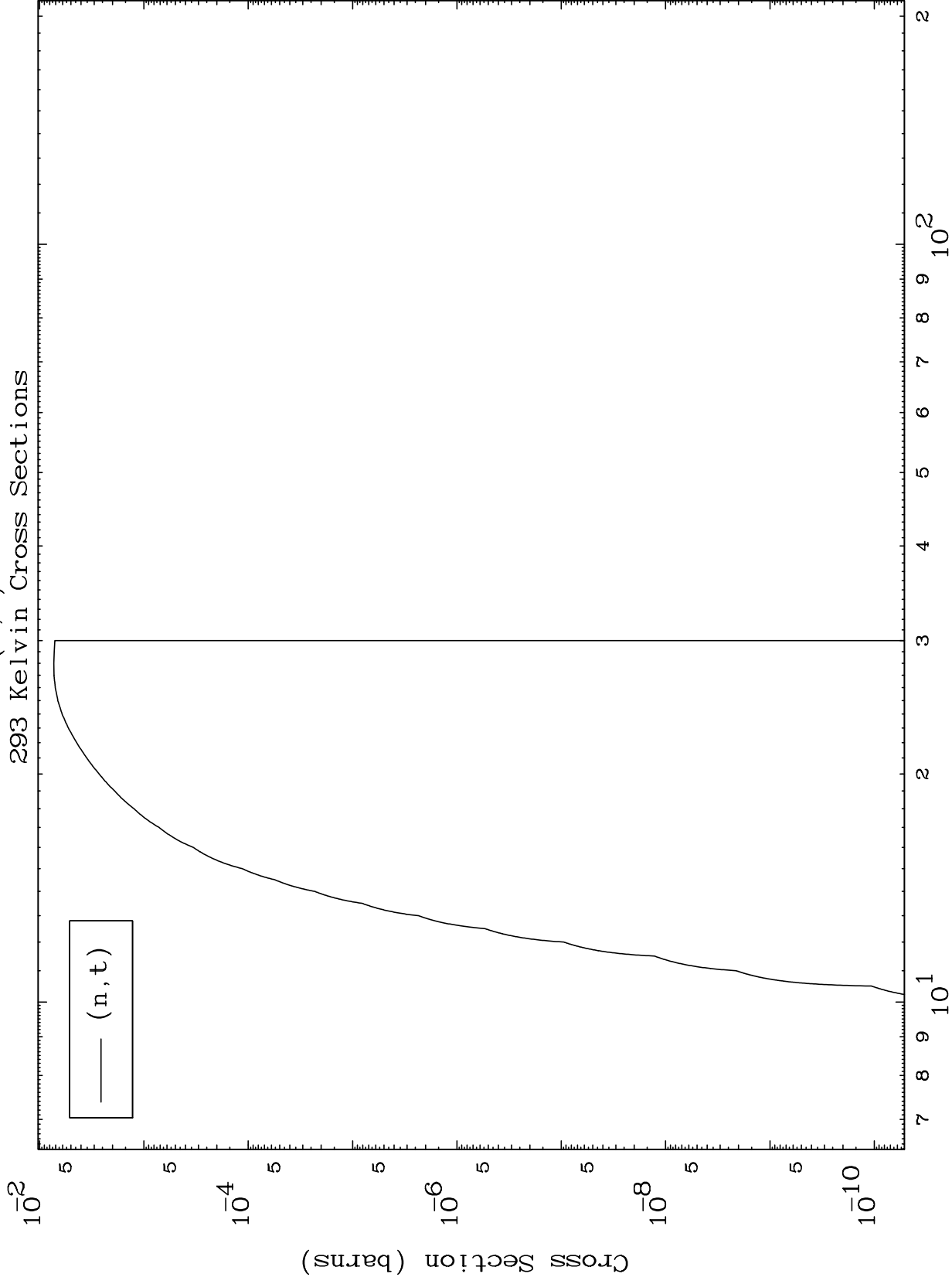
Incident Energy (MeV)

56-Ba-135

MAT 5640

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-135



13

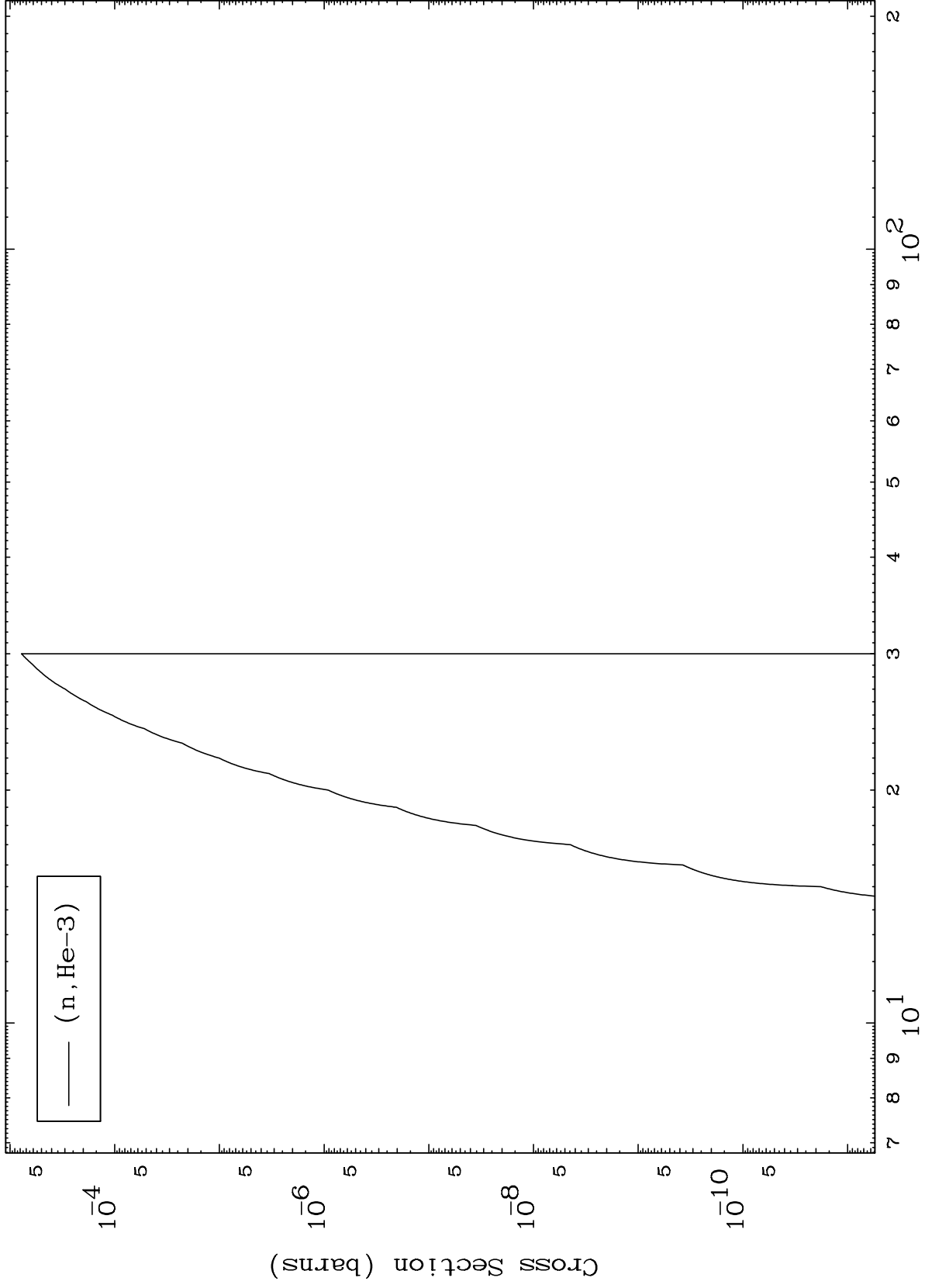
Incident Energy (MeV)

56-Ba-135

MAT 5640

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-135



56-Ba-135

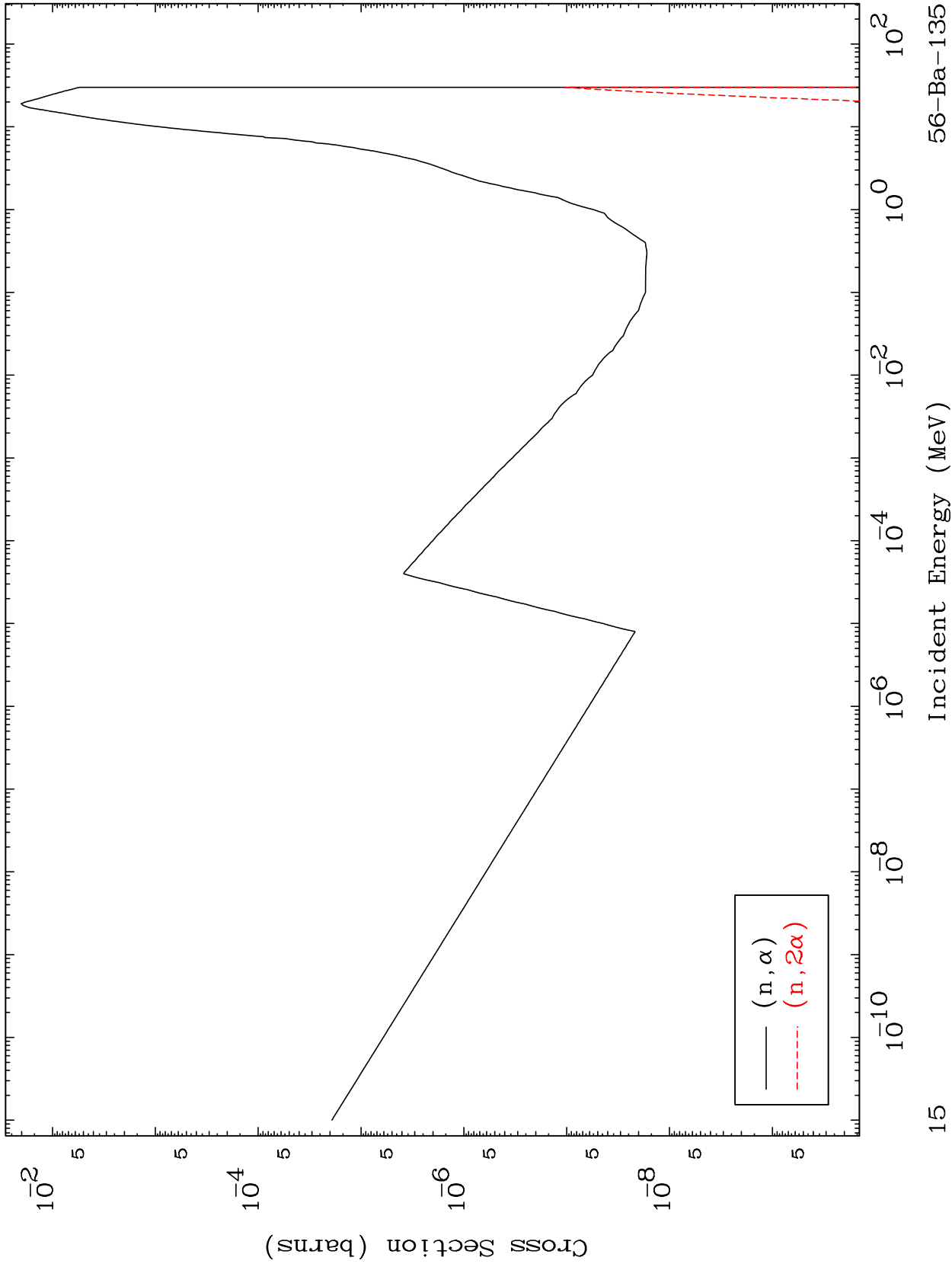
Incident Energy (MeV)

14

MAT 5640

(n, α) Levels
293 Kelvin Cross Sections

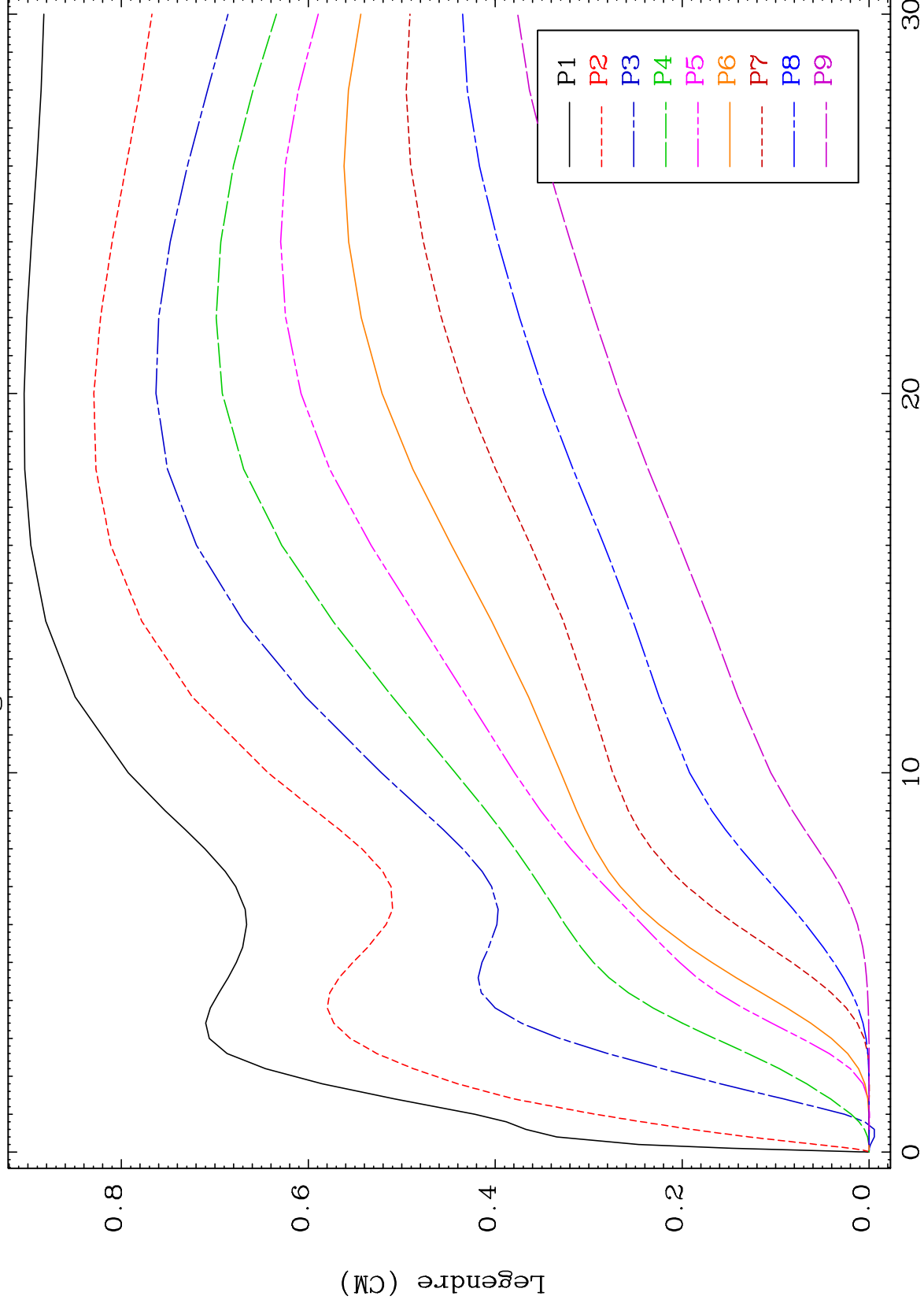
56-Ba-135



MAT 5640

Elastic Legendre Coefficients

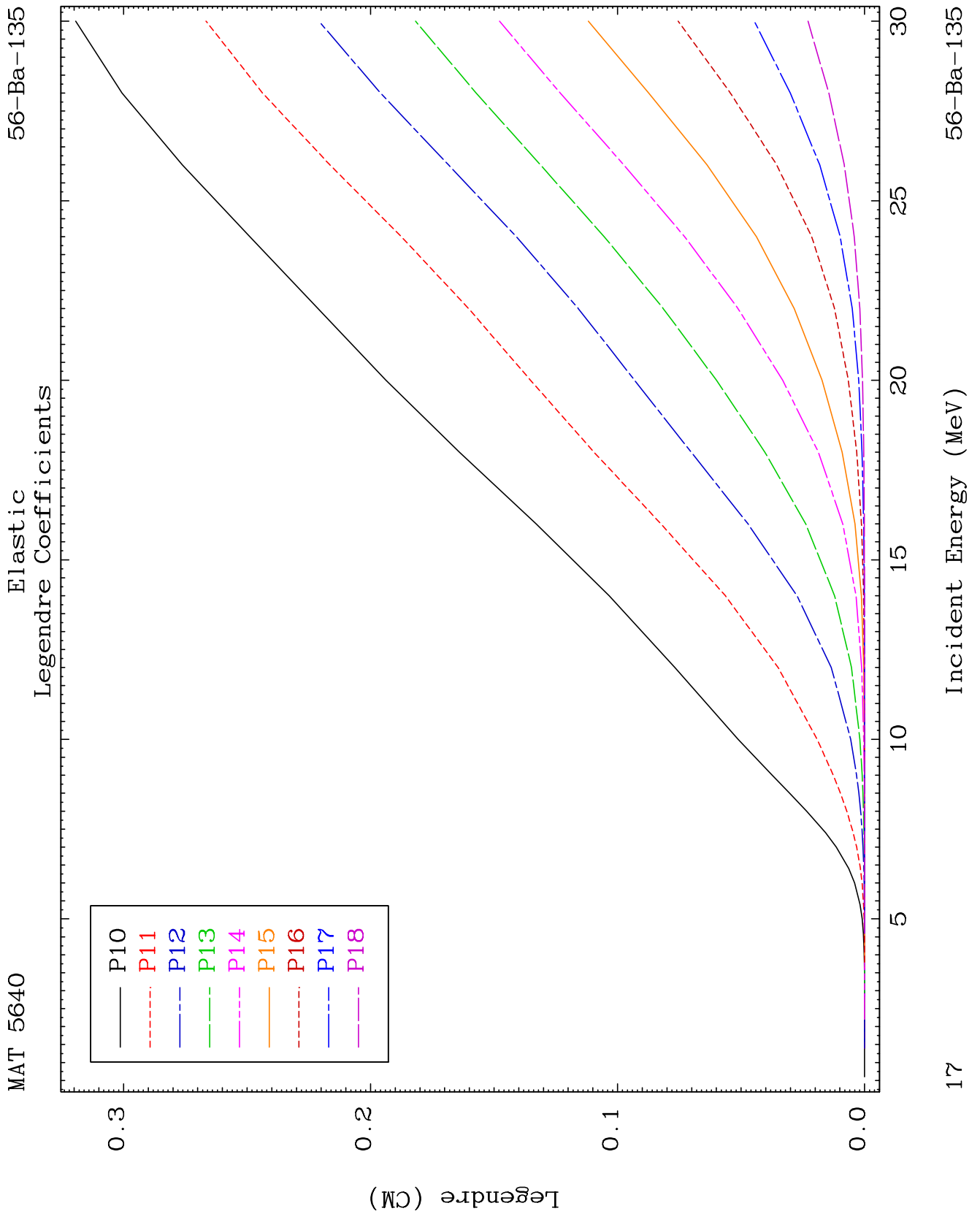
56-Ba-135



16

Incident Energy (MeV)

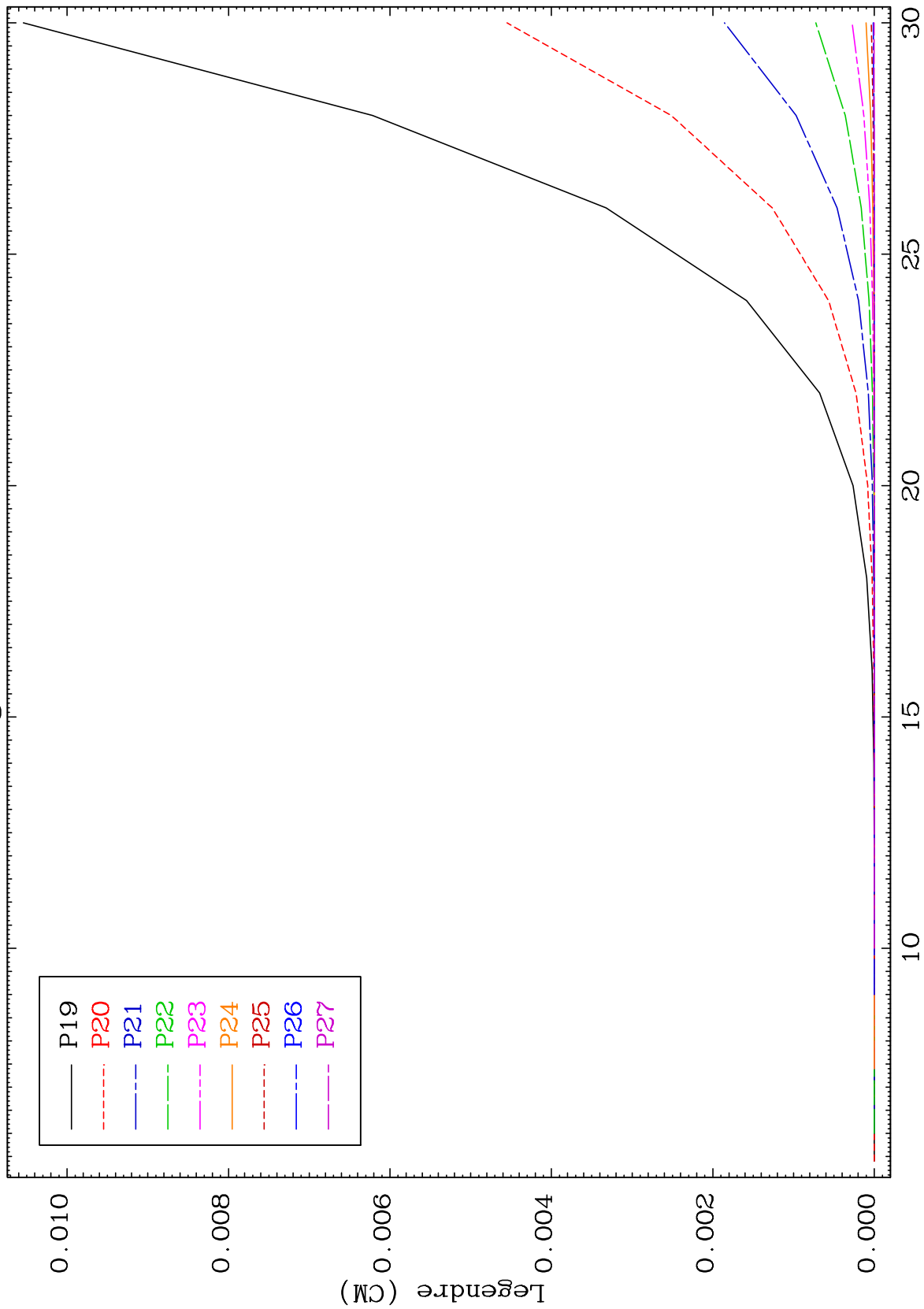
56-Ba-135



MAT 5640

Elastic
Legendre Coefficients

56-Ba-135



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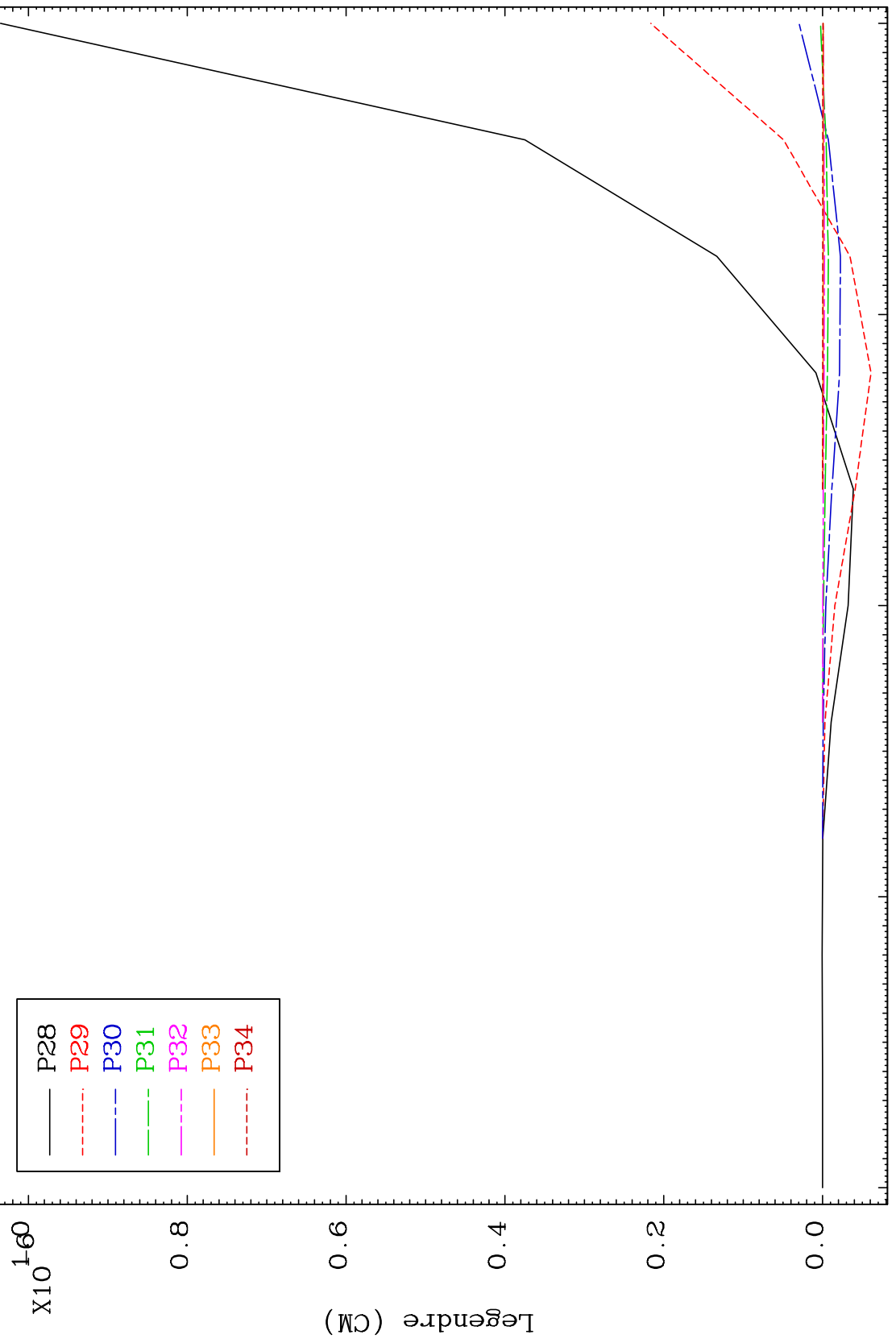
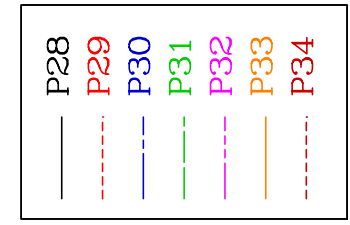
Incident Energy (MeV)

56-Ba-135

MAT 5640

Elastic Legendre Coefficients

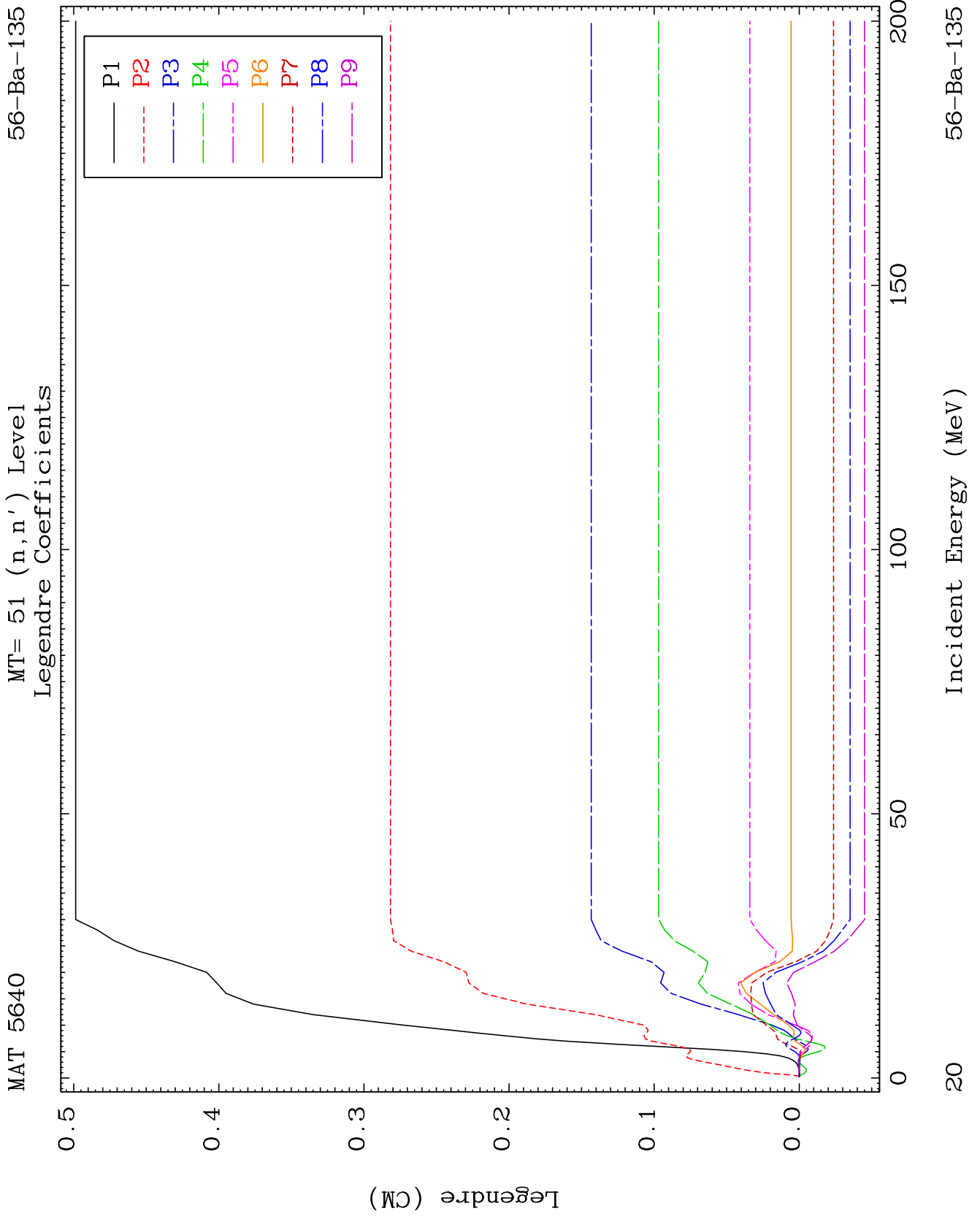
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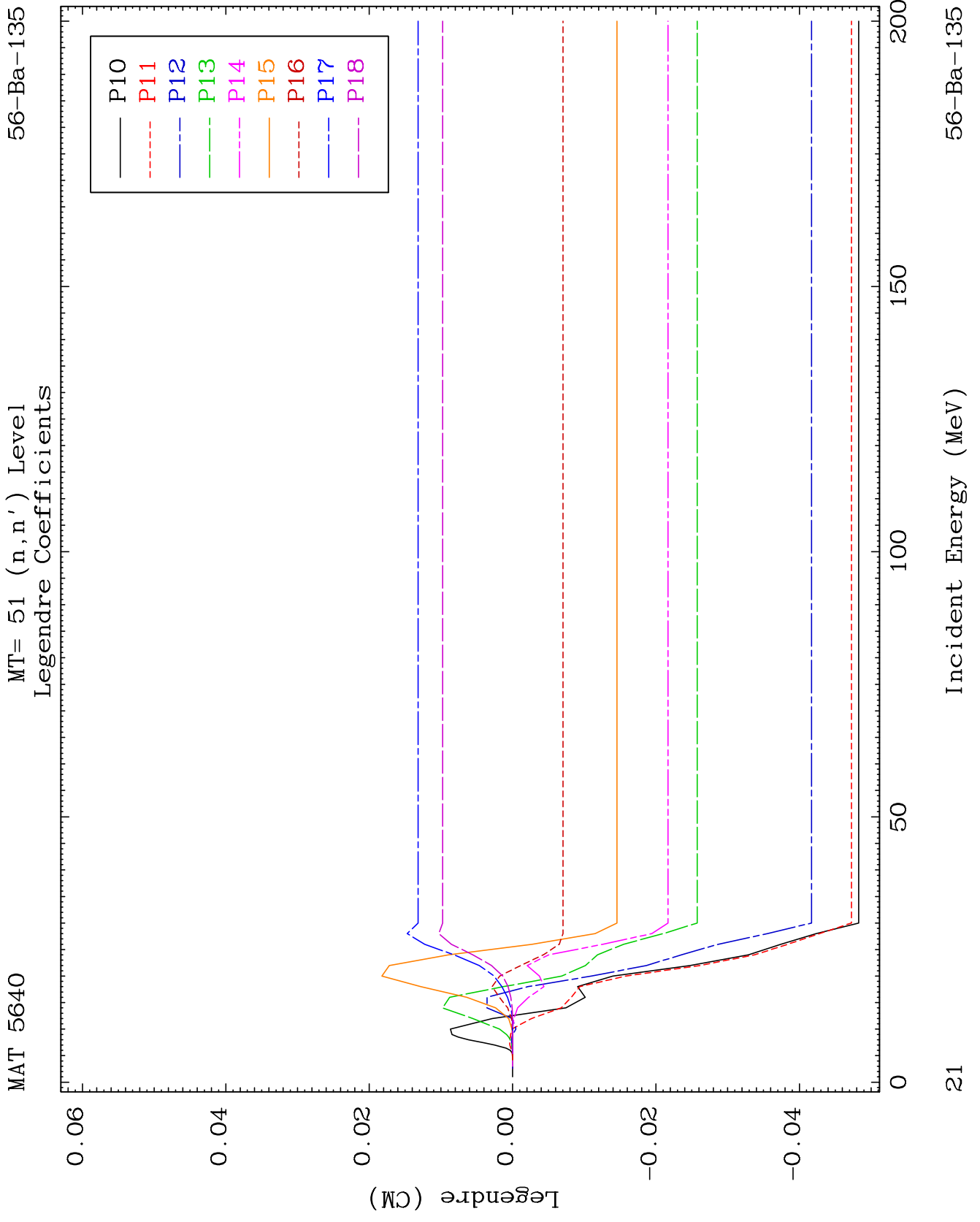


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Incident Energy (MeV)

56-Ba-135

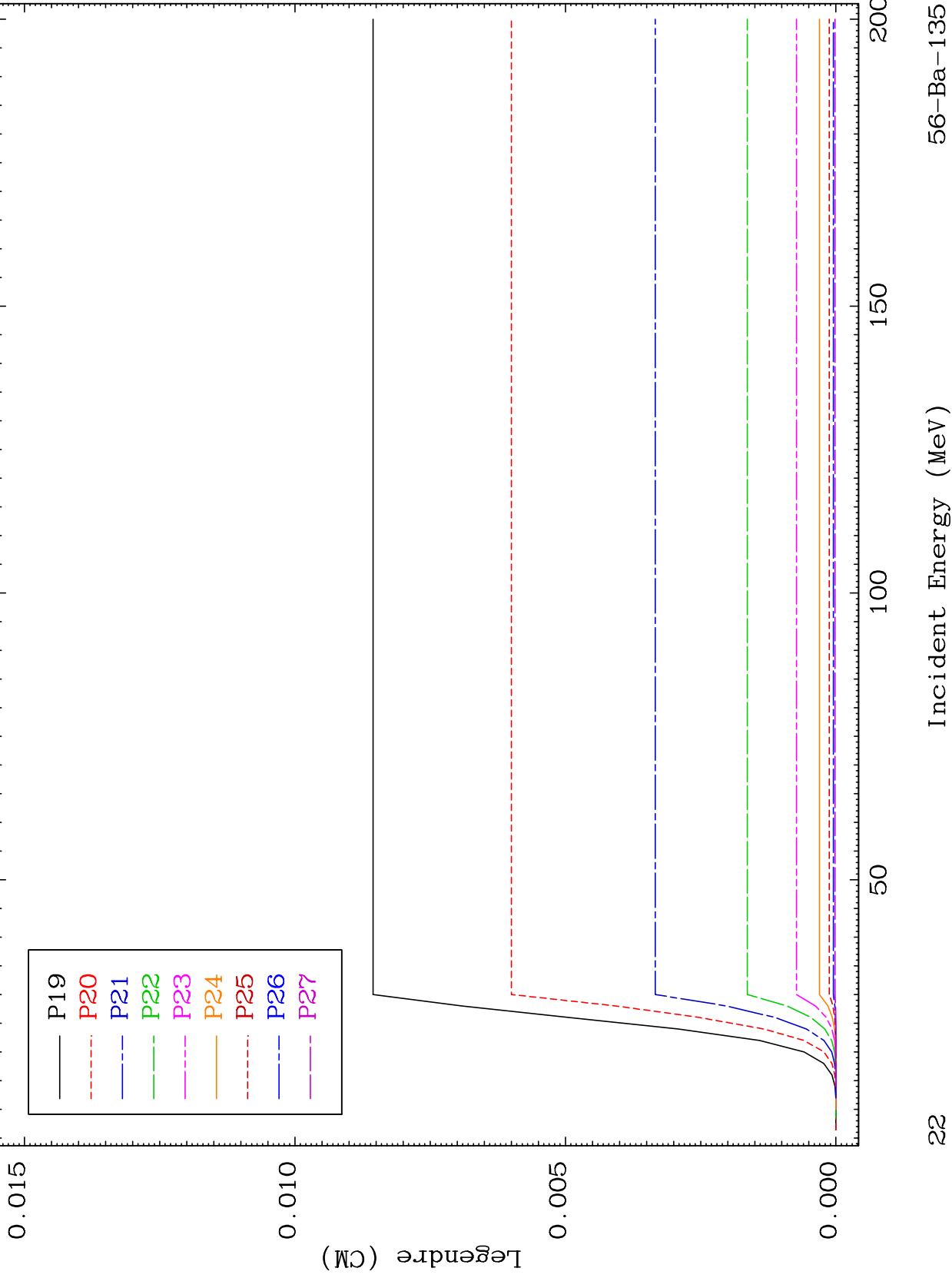




MAT 5640

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

56-Ba-135



22

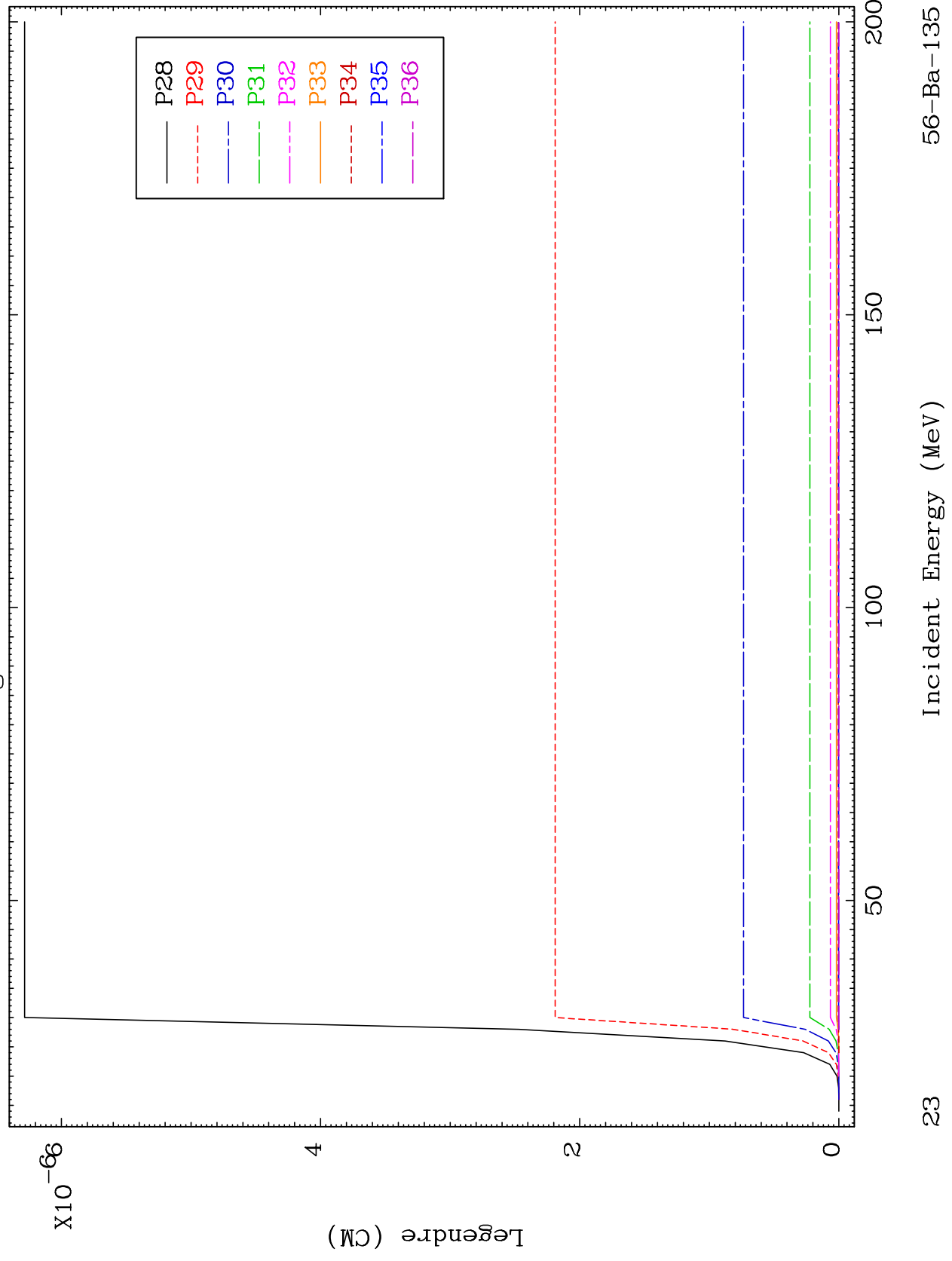
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

56-Ba-135



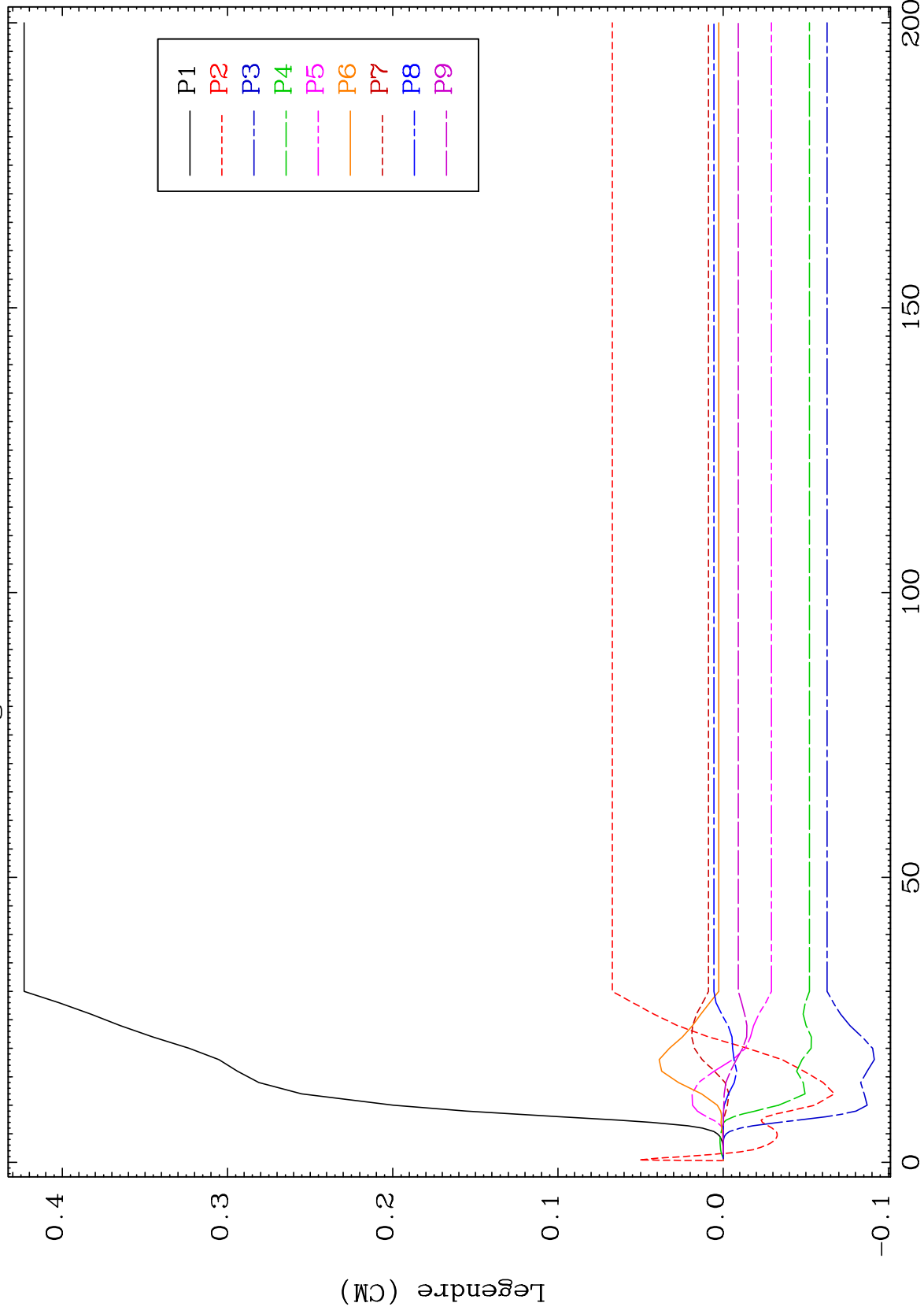
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56-Ba-135

MAT 5640

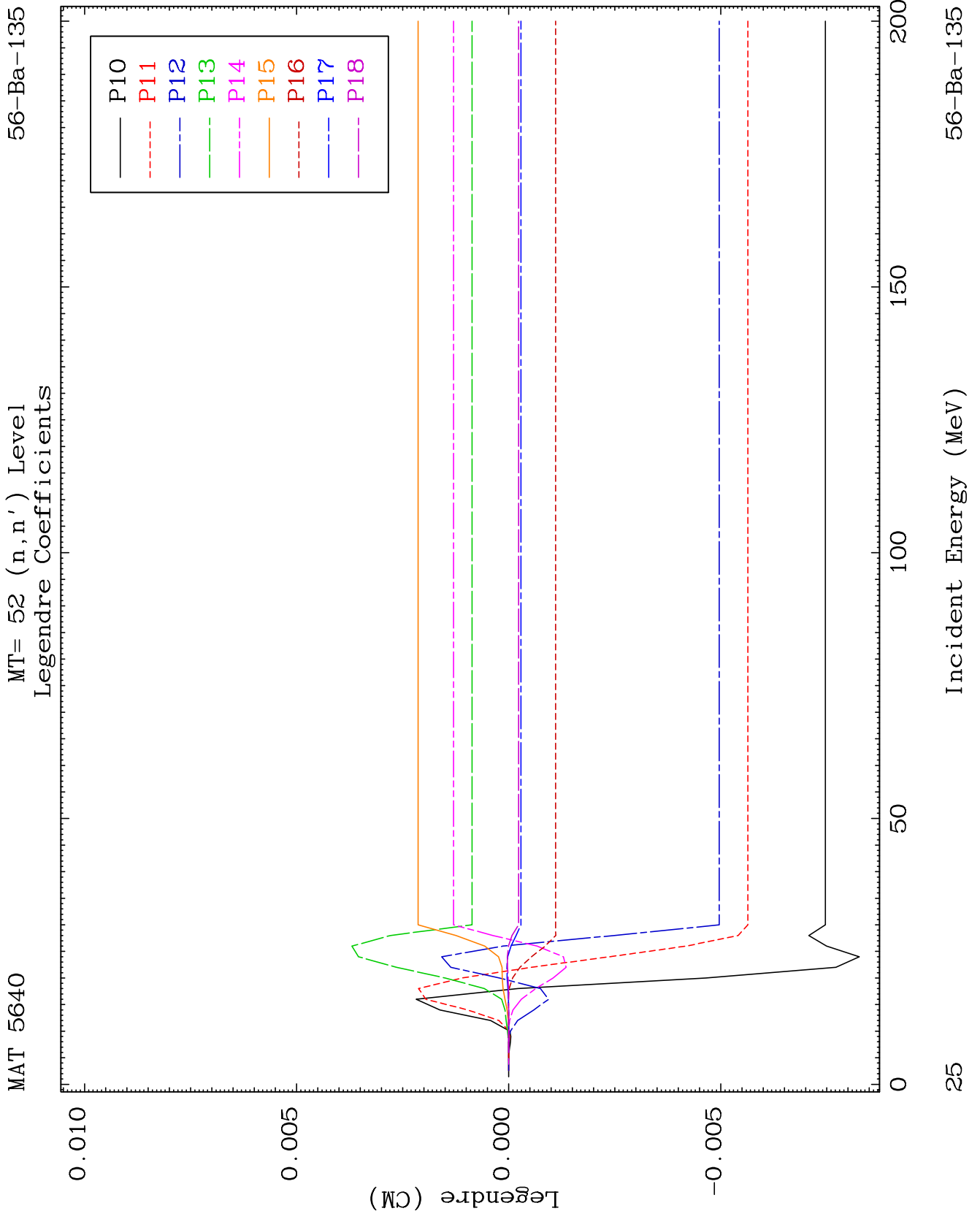
MT= 52 (n,n') Level
Legendre Coefficients

56-Ba-135



24

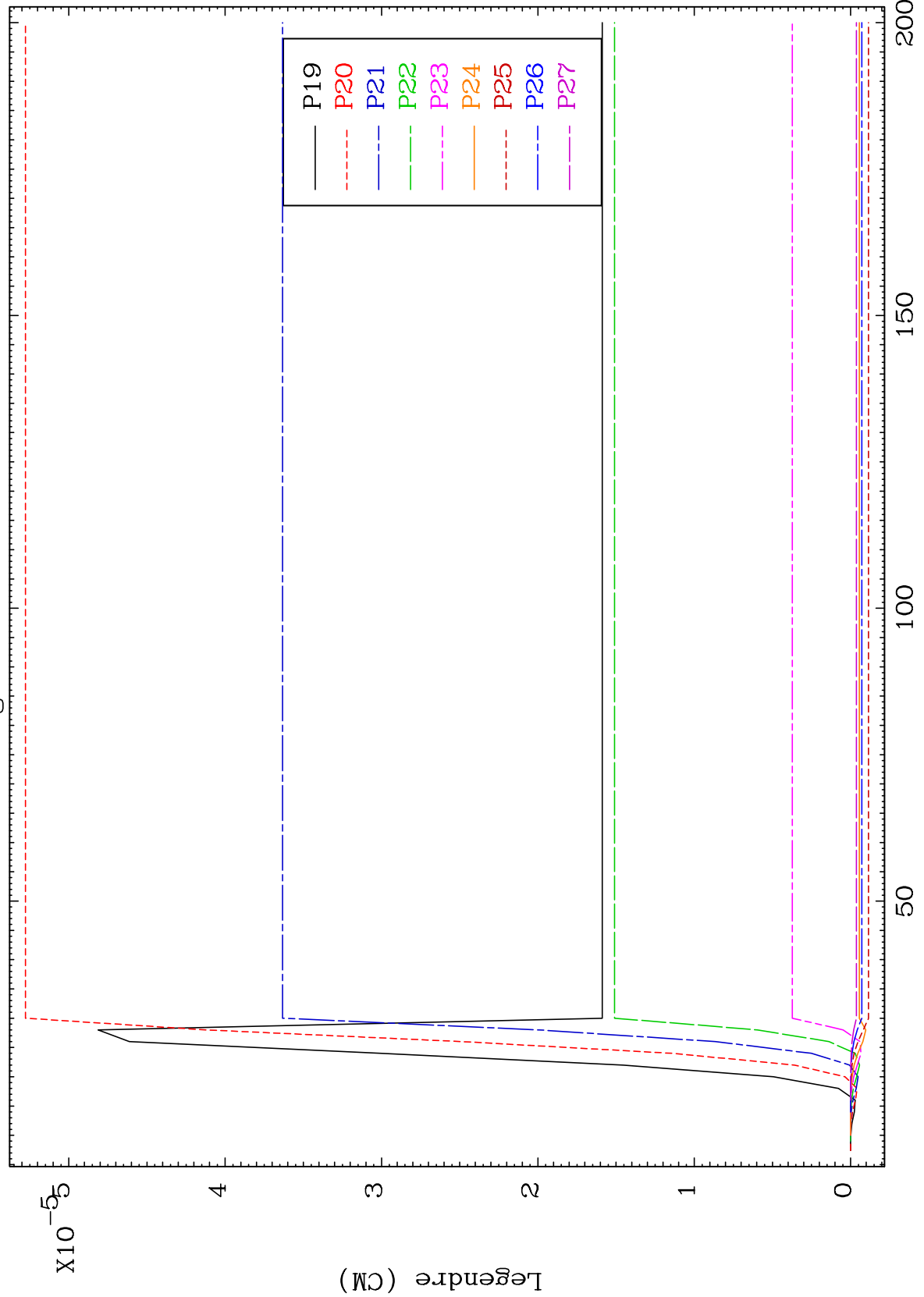
56-Ba-135



MAT 5640

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

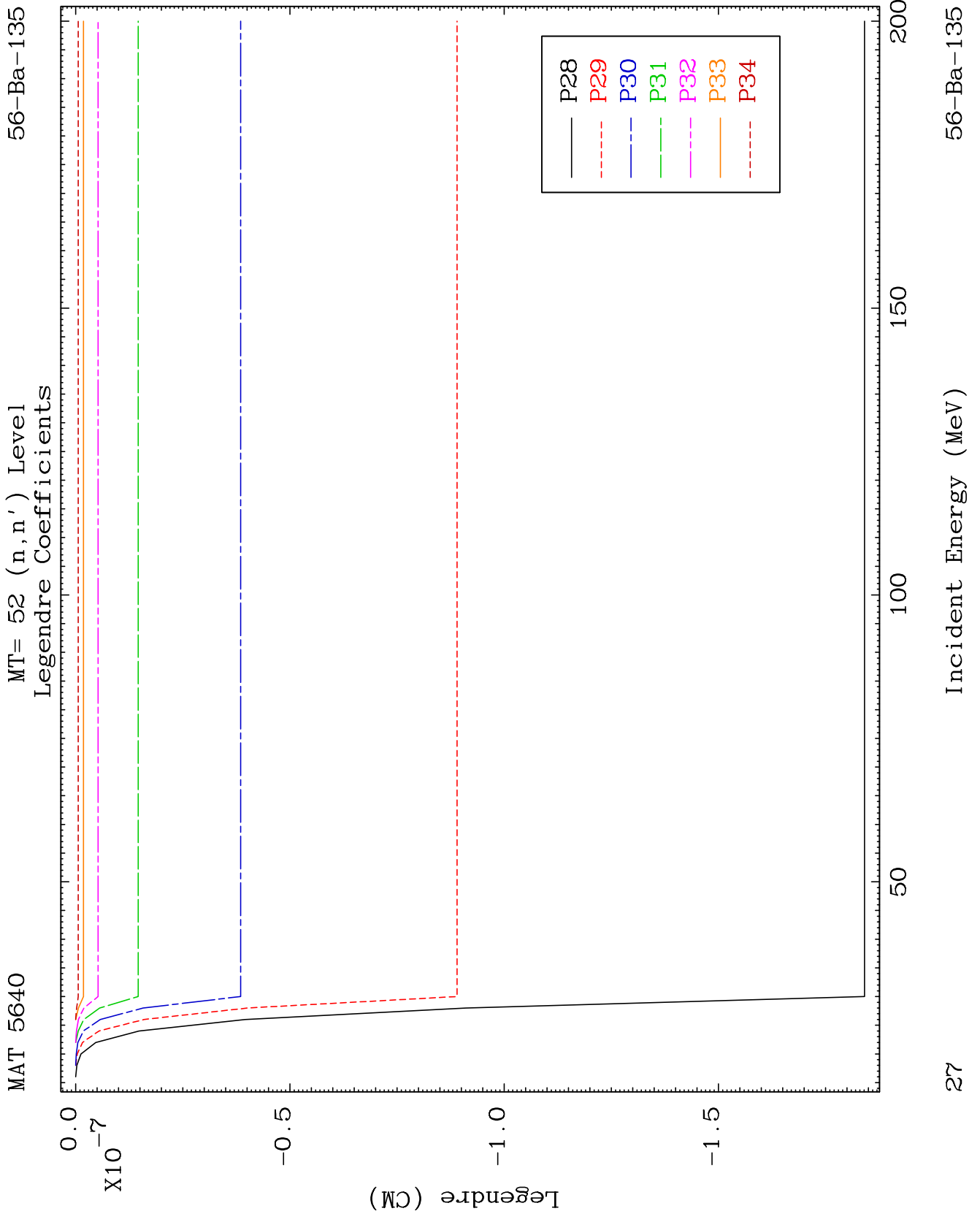
56-Ba-135



56-Ba-135

Incident Energy (MeV)

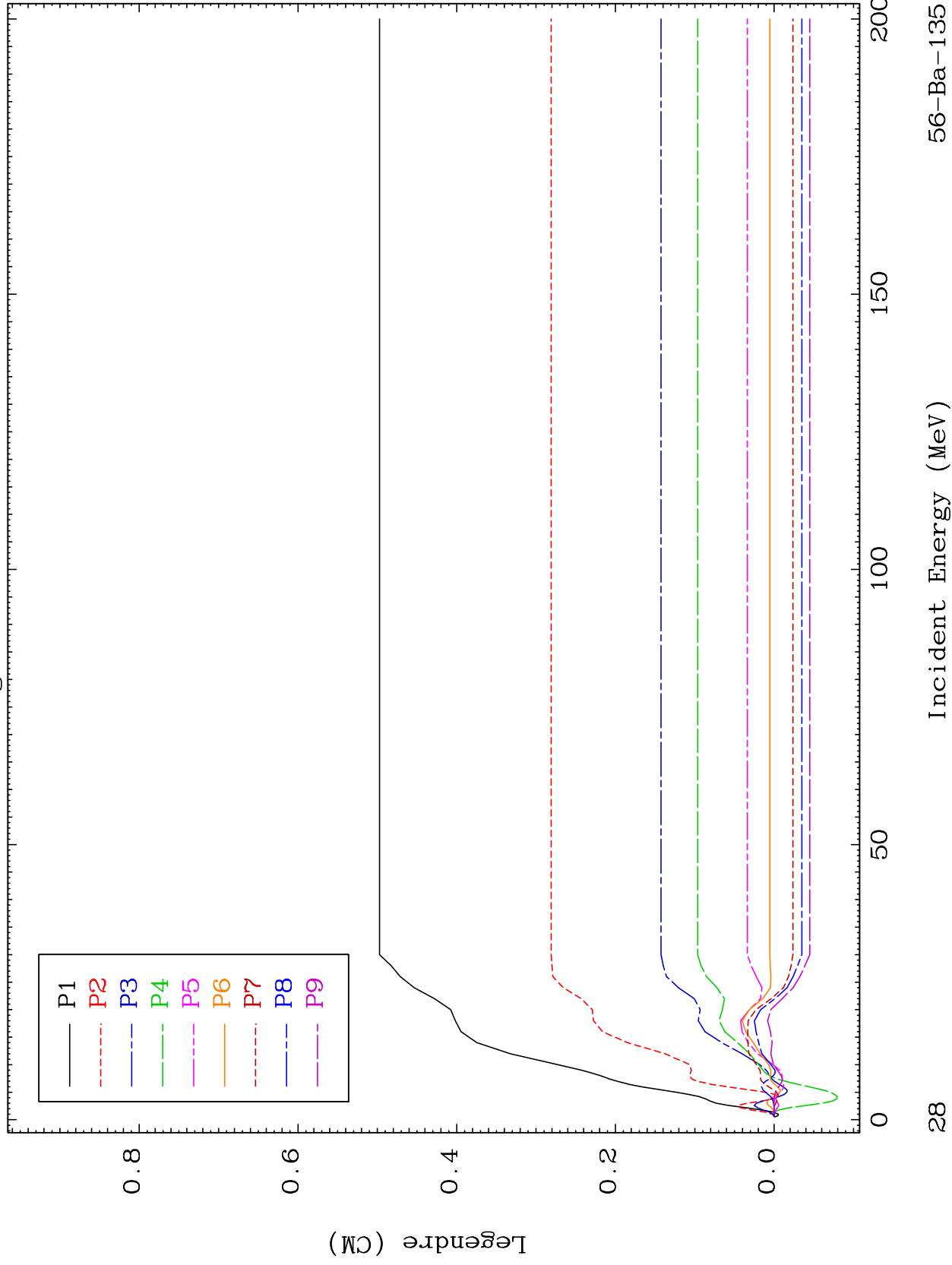
26



MAT 5640

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

56-Ba-135



56-Ba-135

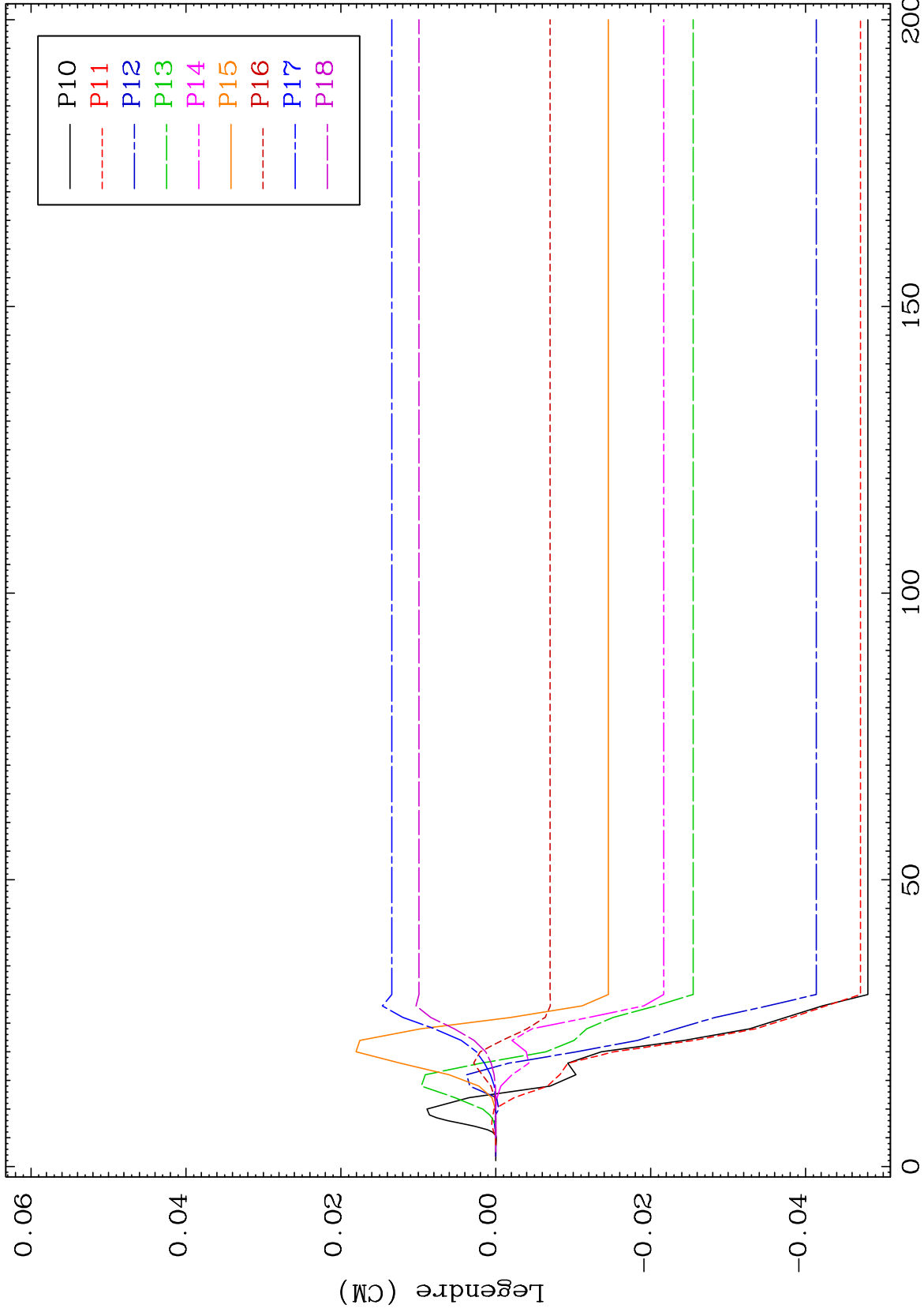
Incident Energy (MeV)

28

MAT 5640

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

56-Ba-135



29

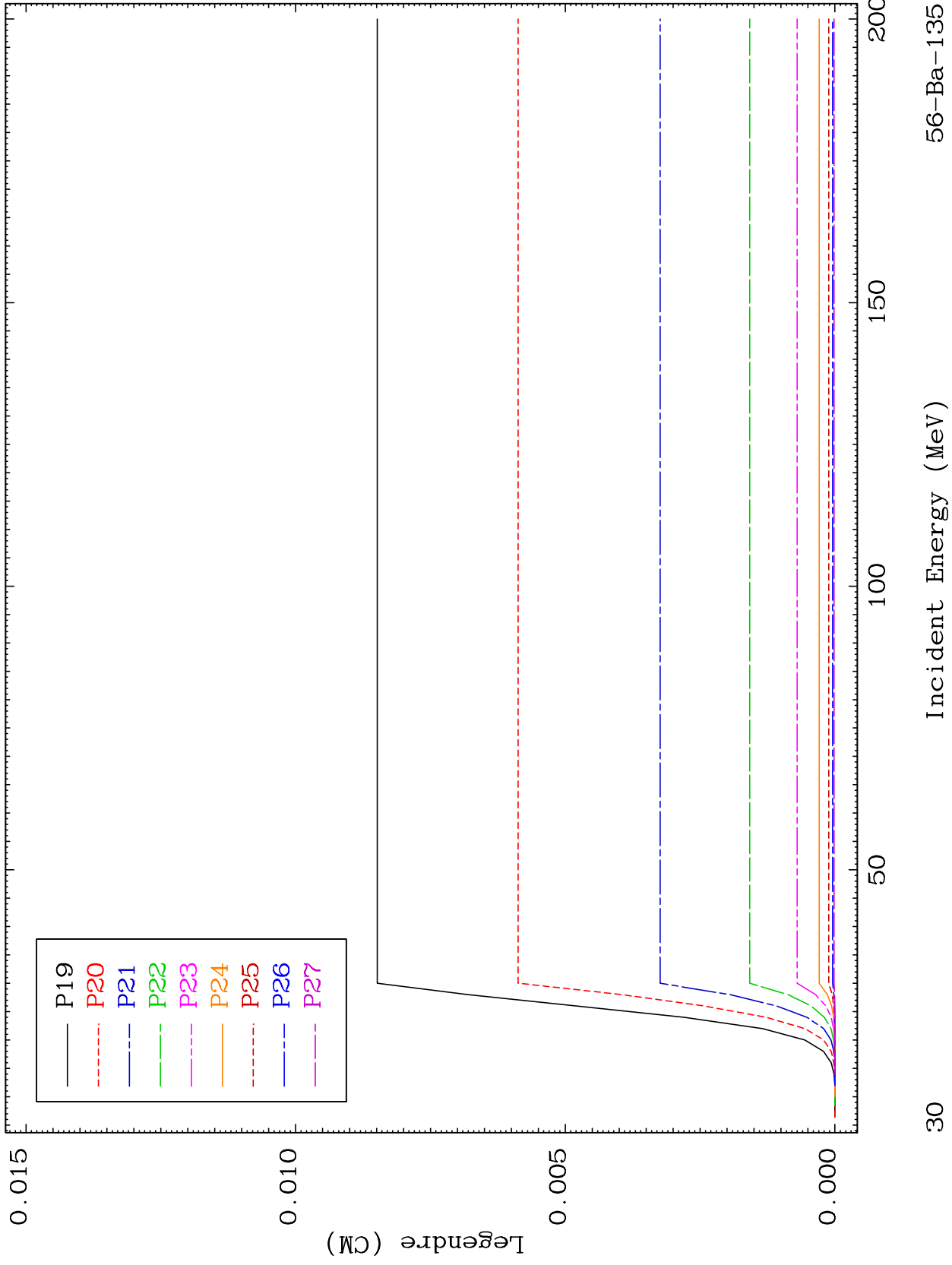
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

56-Ba-135



56-Ba-135

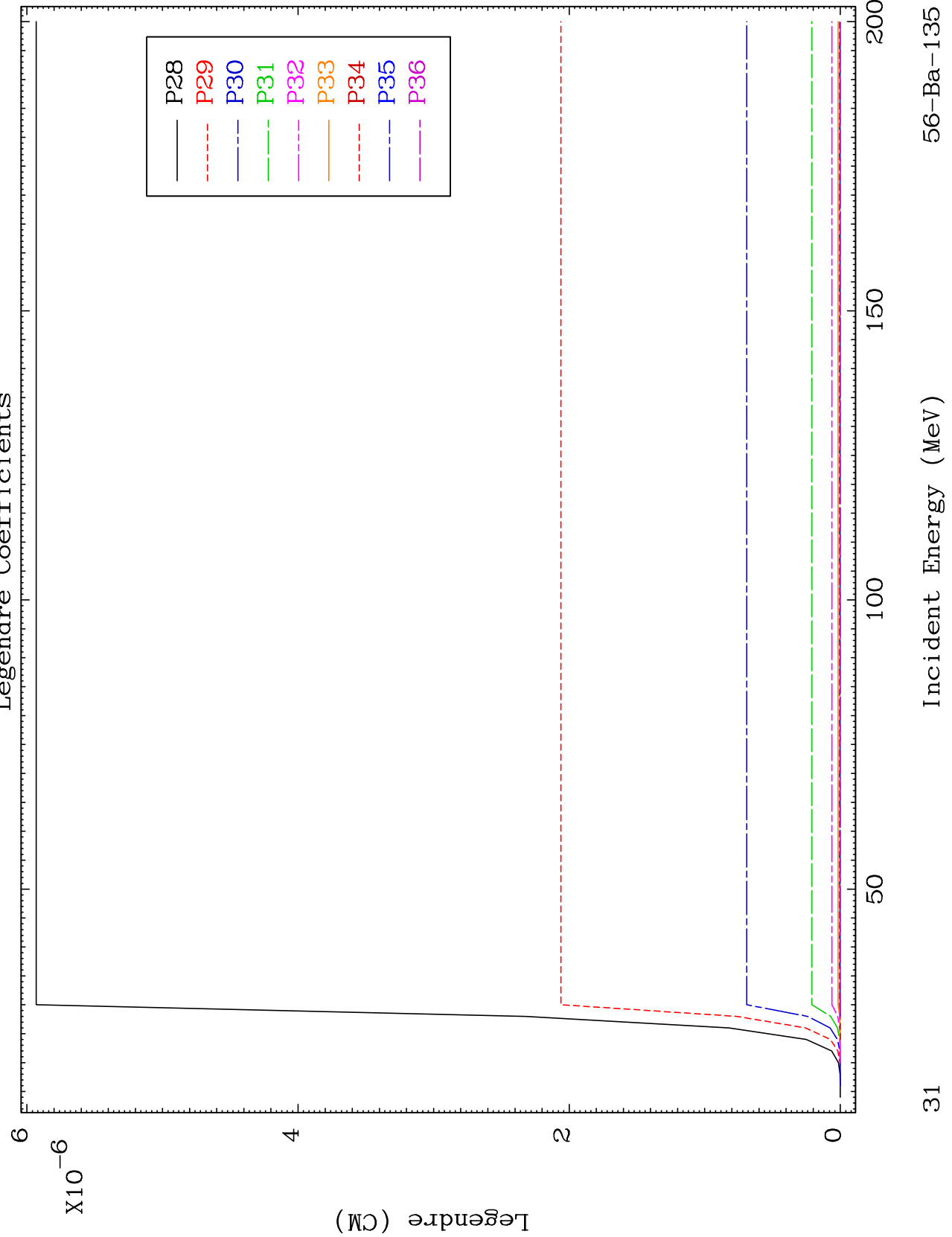
Incident Energy (MeV)

30

MAT 5640

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

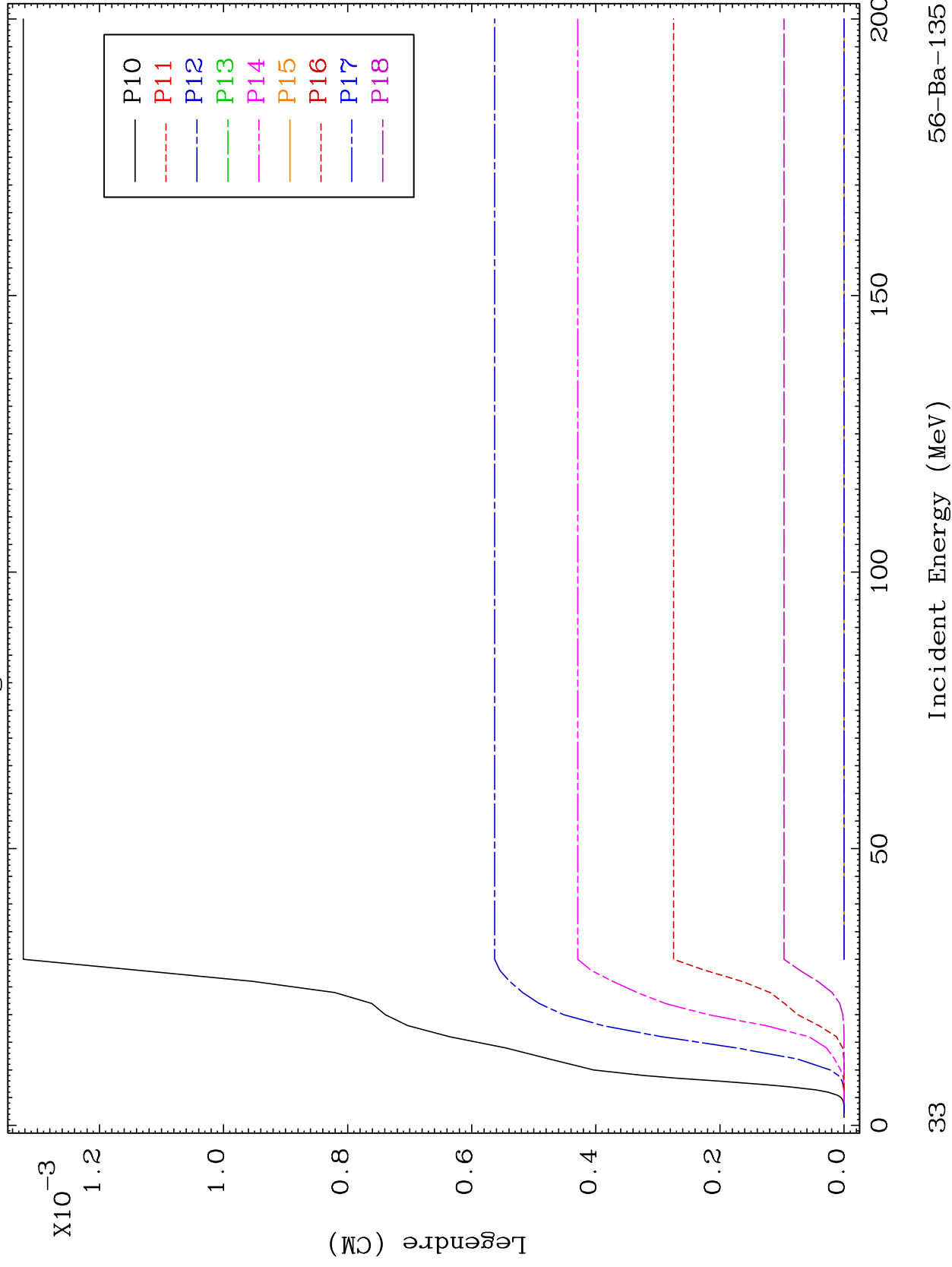
56-Ba-135



MAT 5640

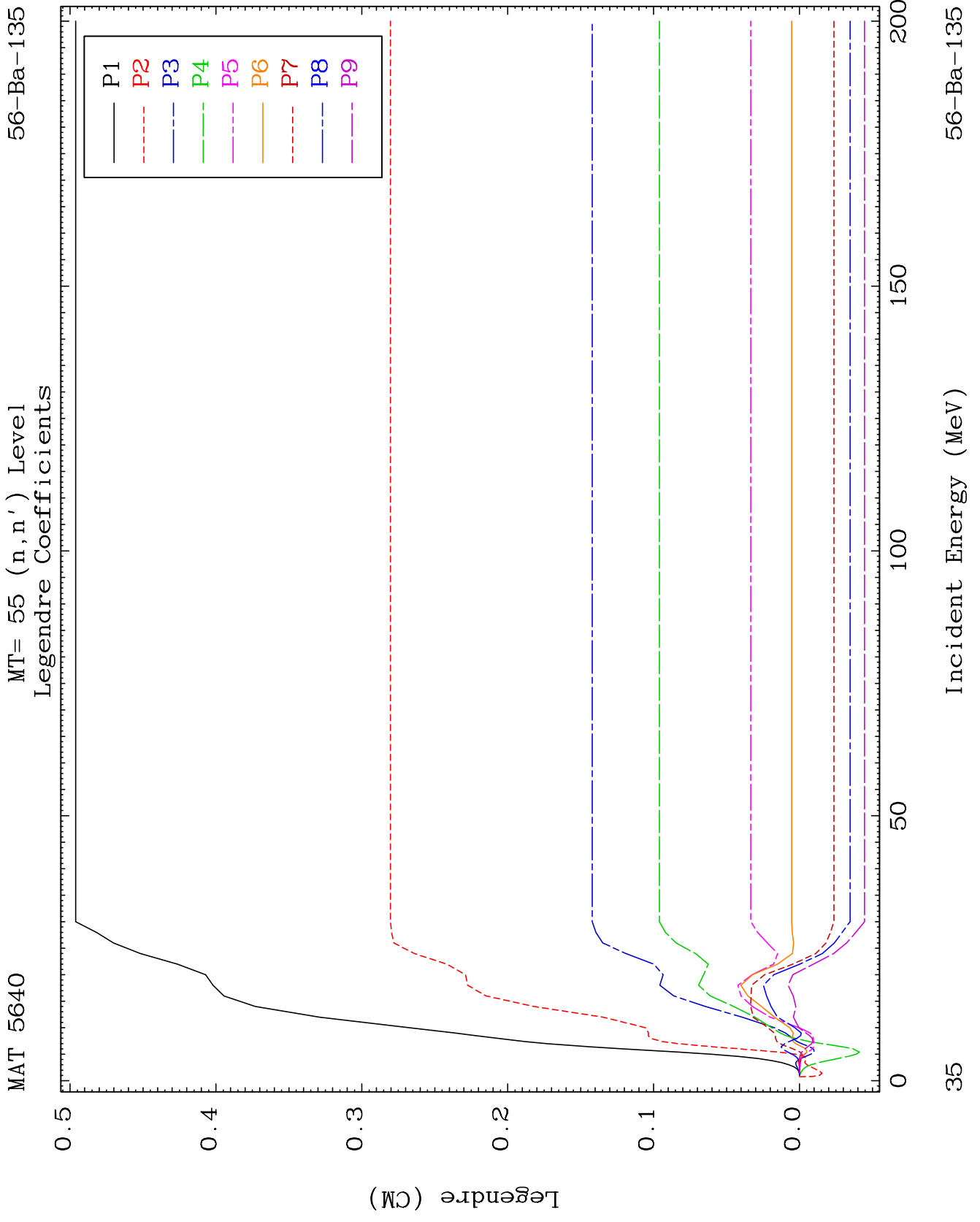
MT= 54 (n,n') Level
Legendre Coefficients

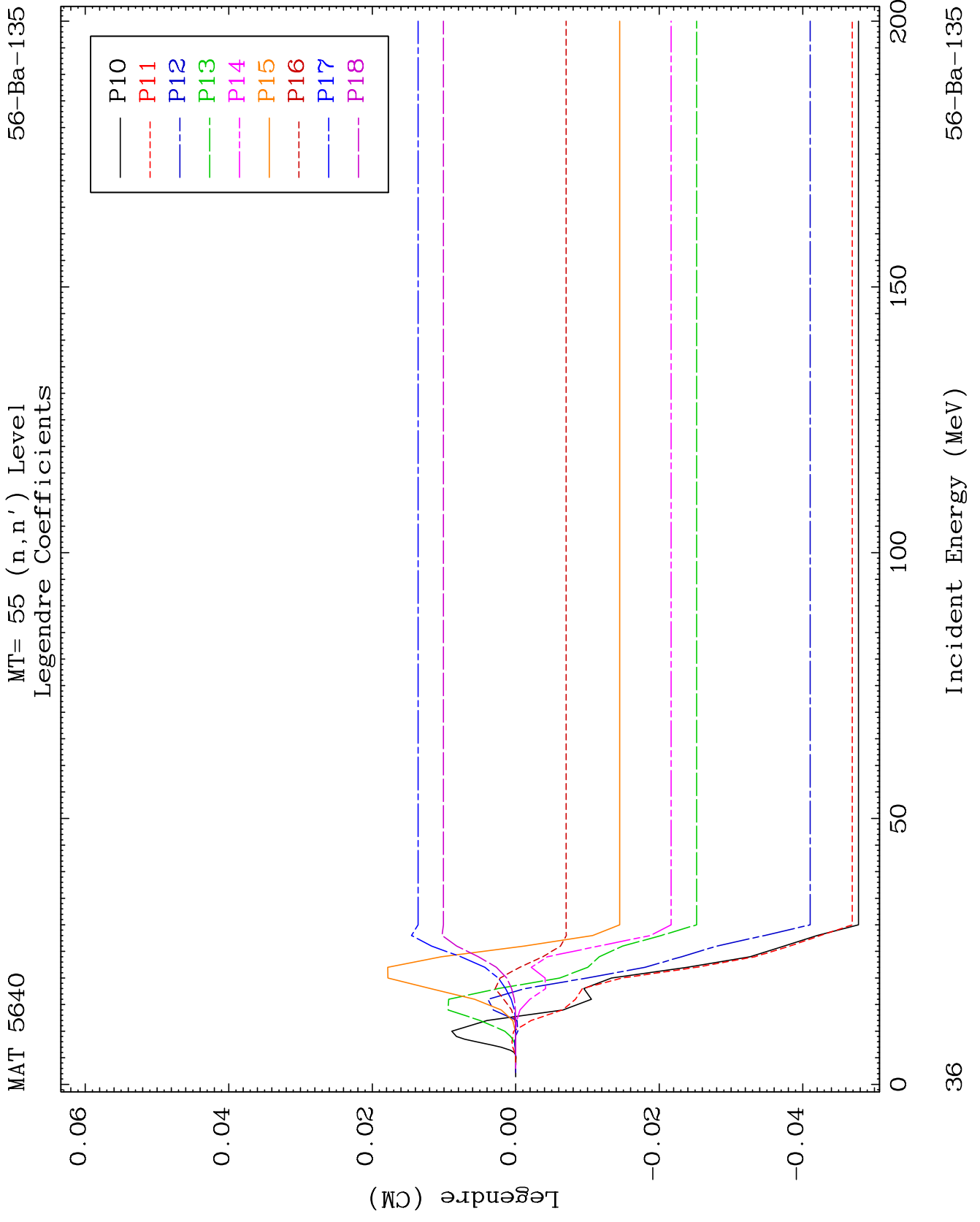
56-Ba-135



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56-Ba-135

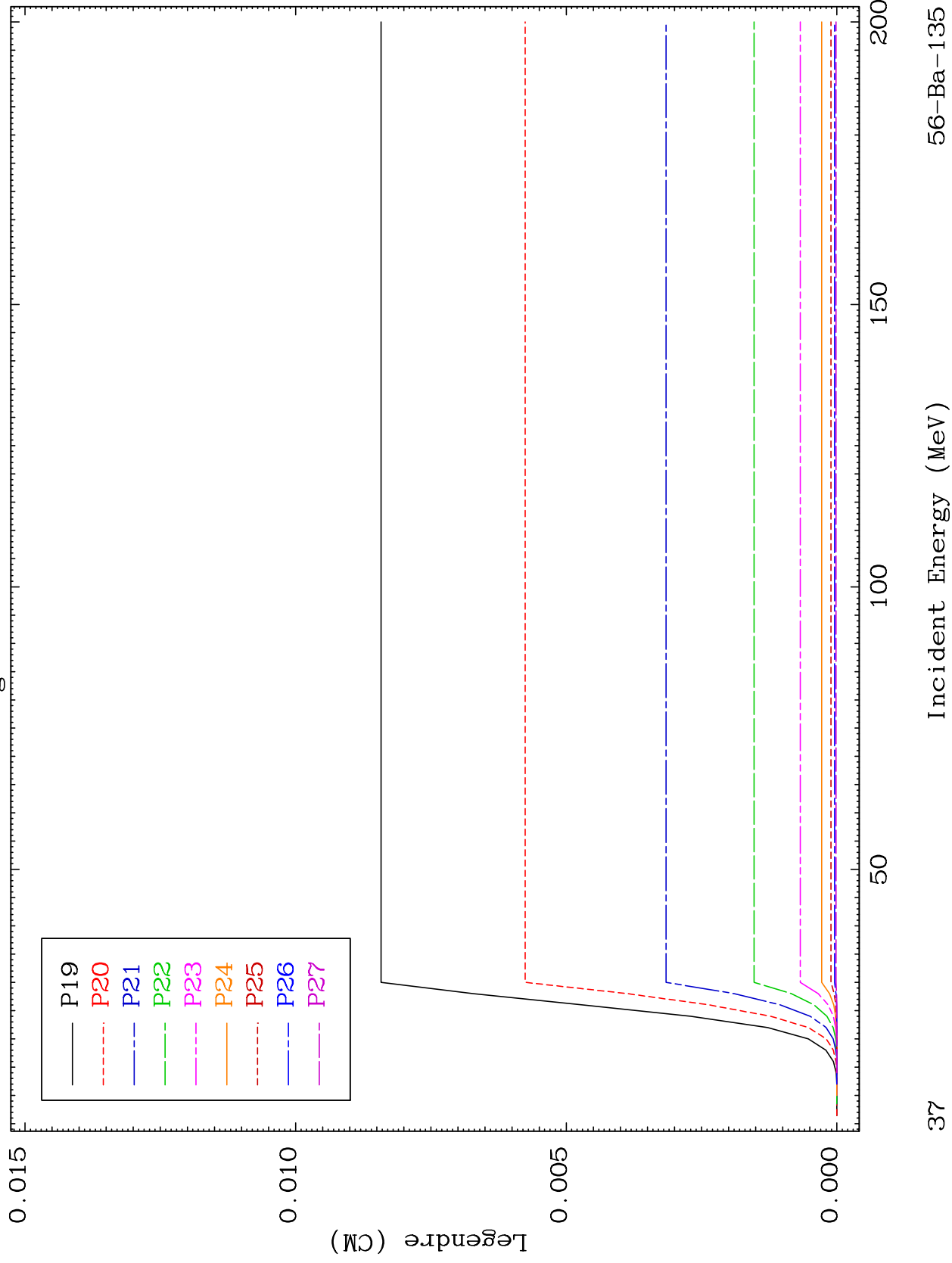




MAT 5640

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

56-Ba-135



37

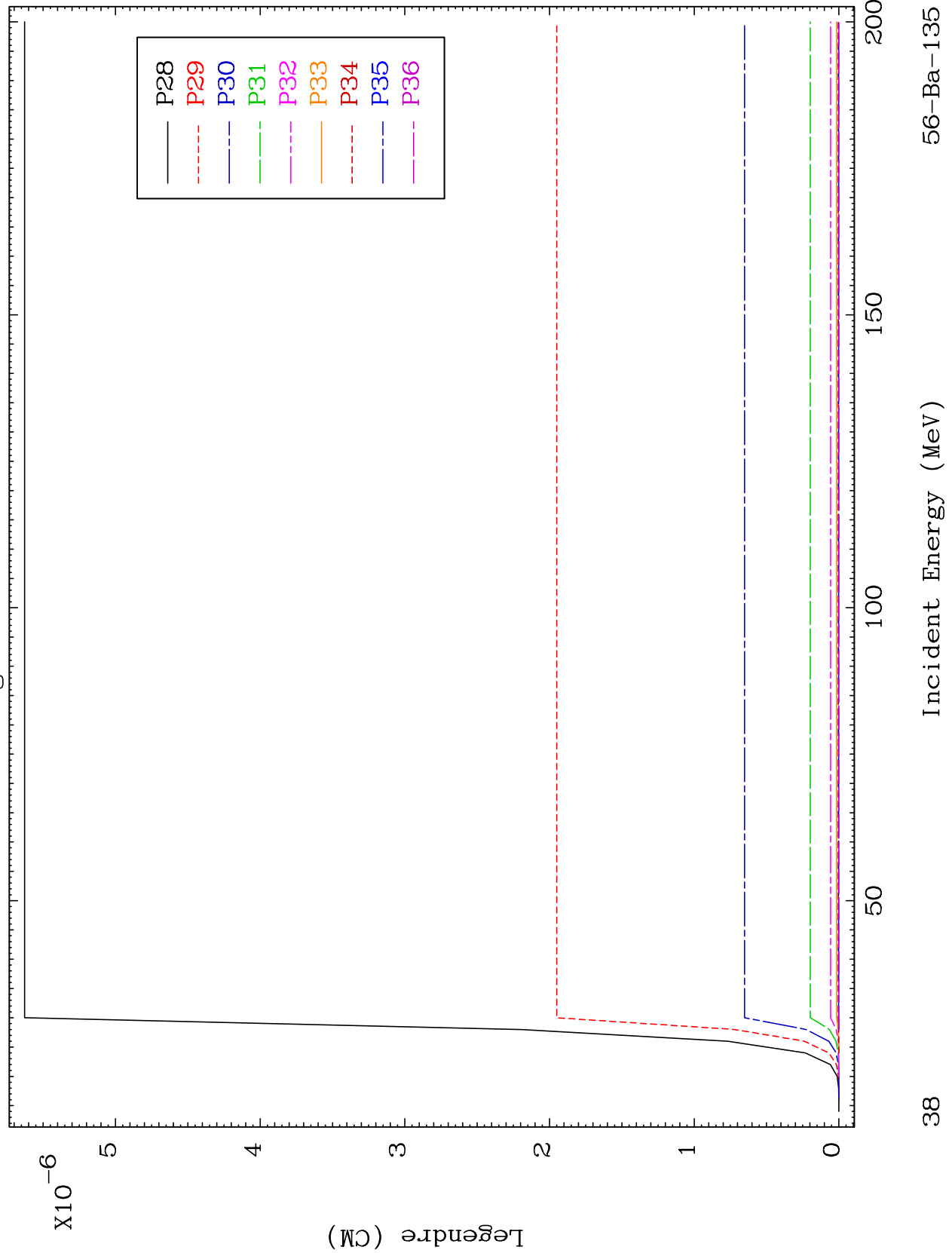
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

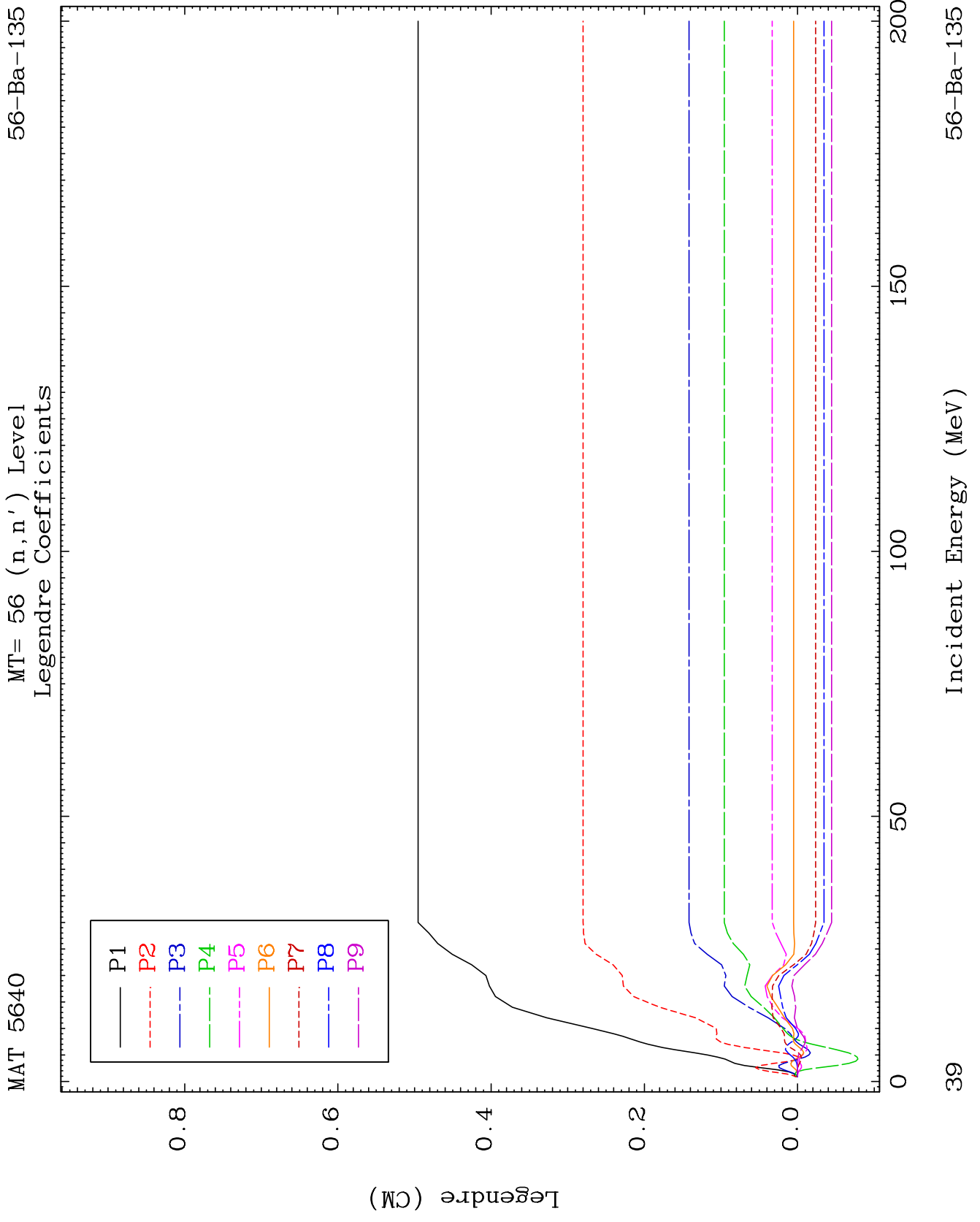
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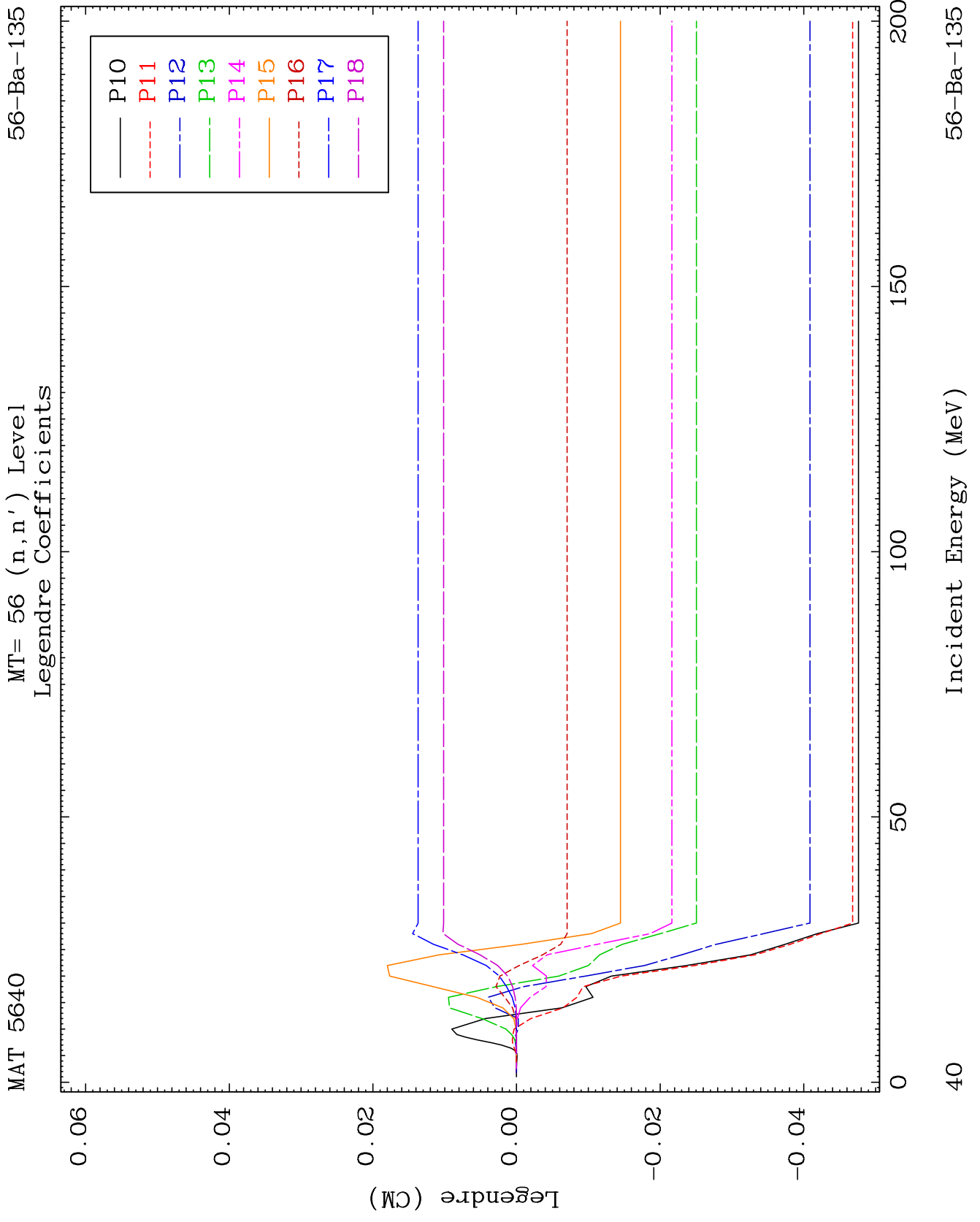


56-Ba-135

Incident Energy (MeV)

38

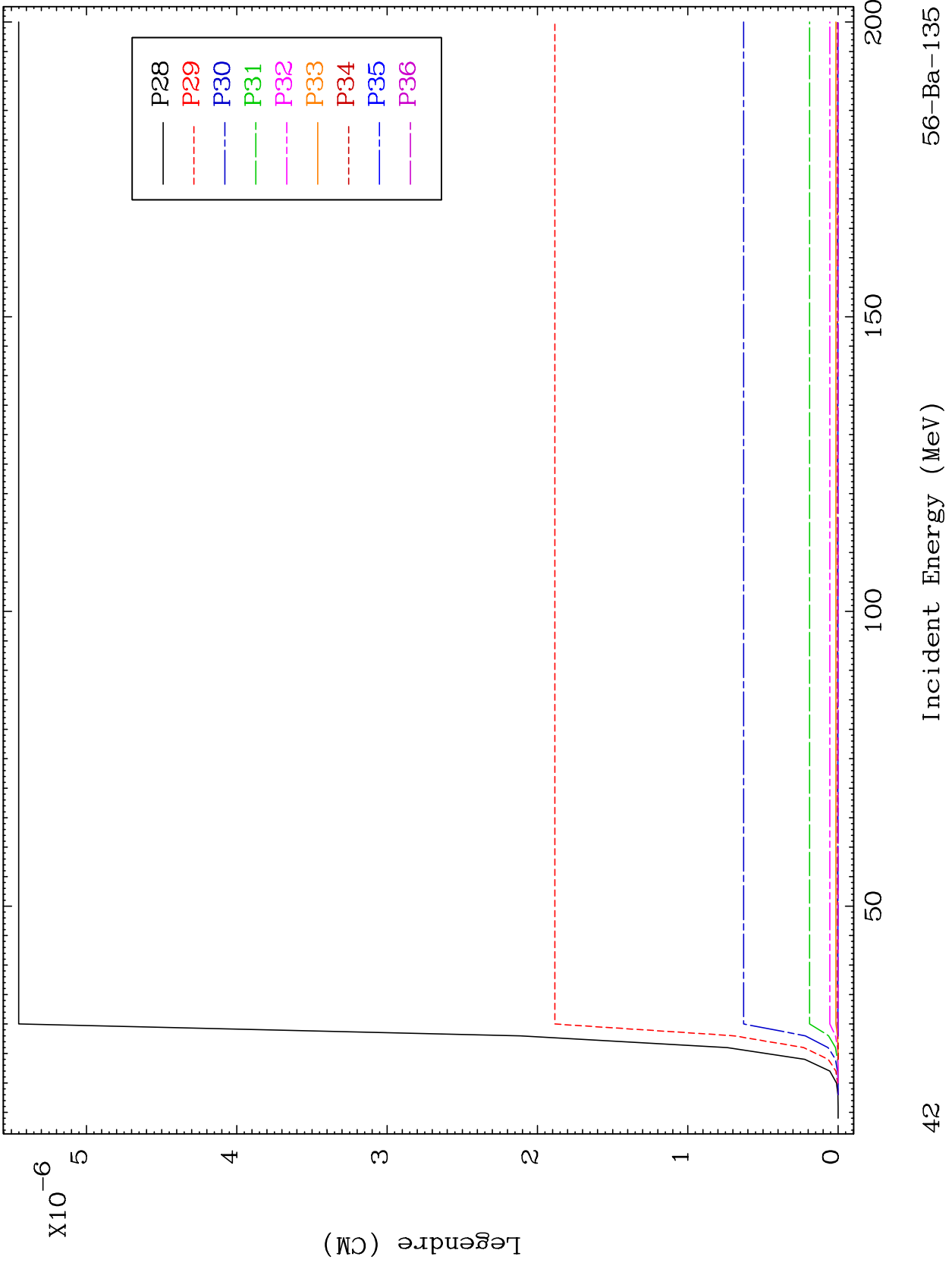




MAT 5640

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

56-Ba-135



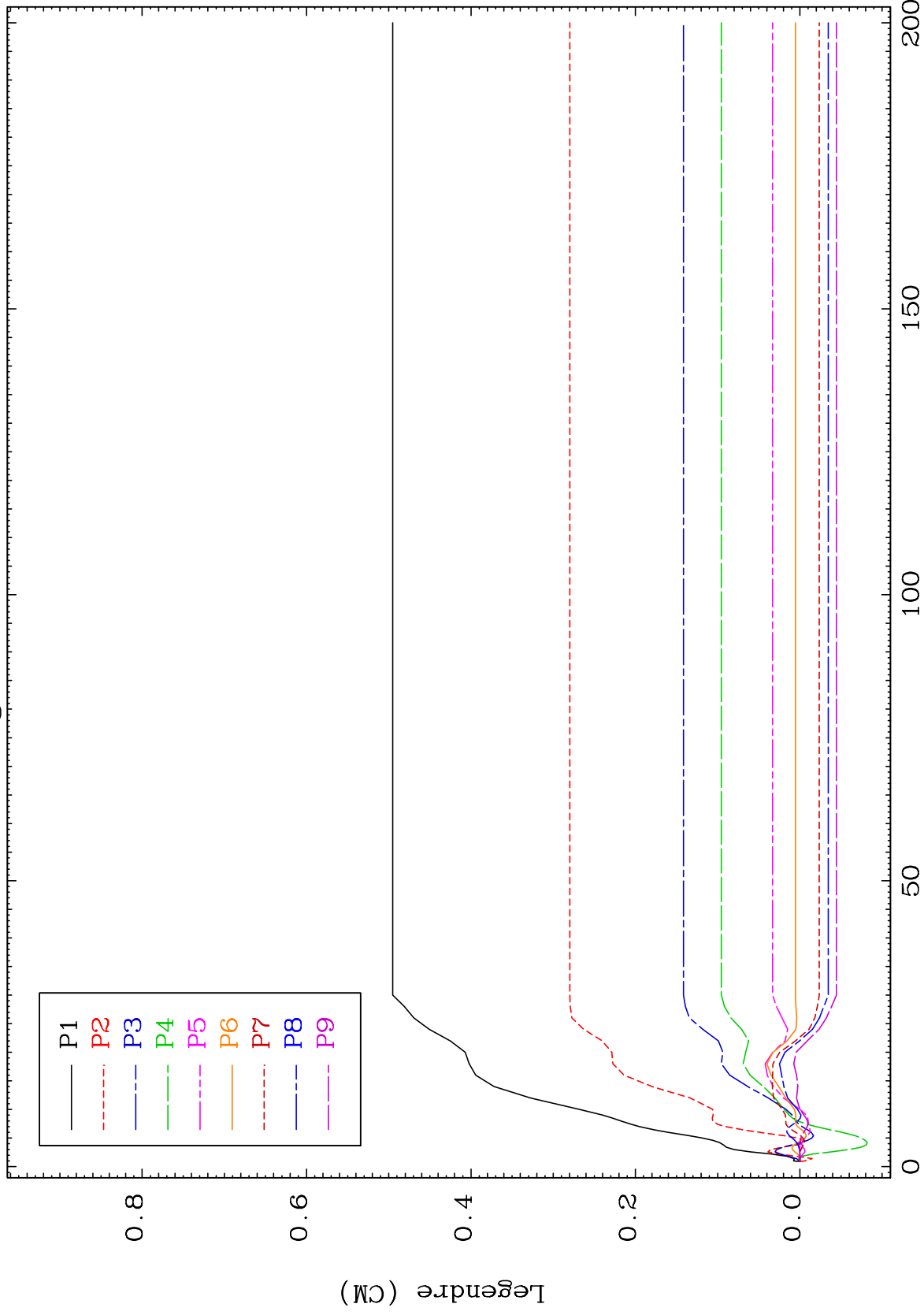
42

56-Ba-135

MAT 5640

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

56-Ba-135



43

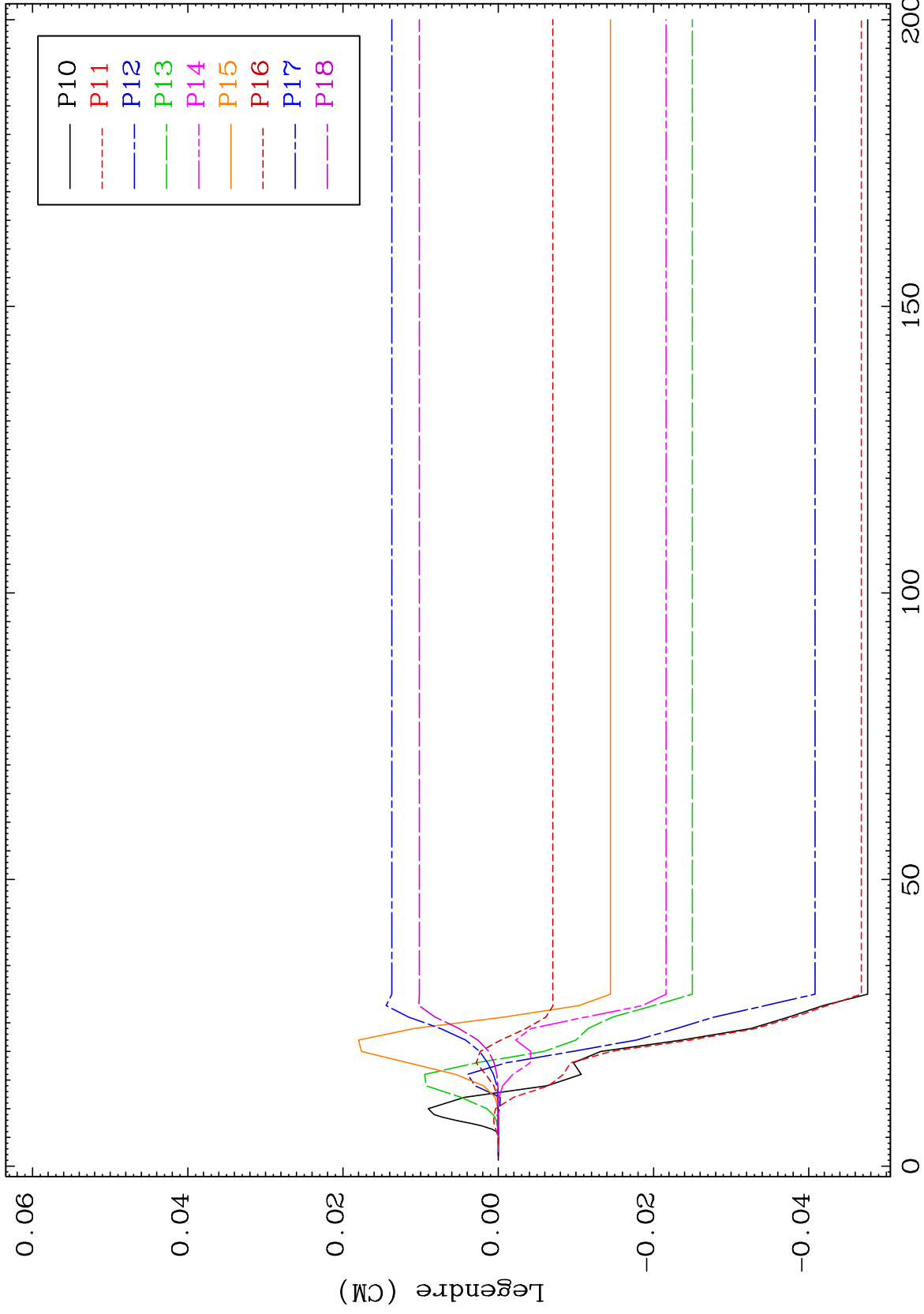
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

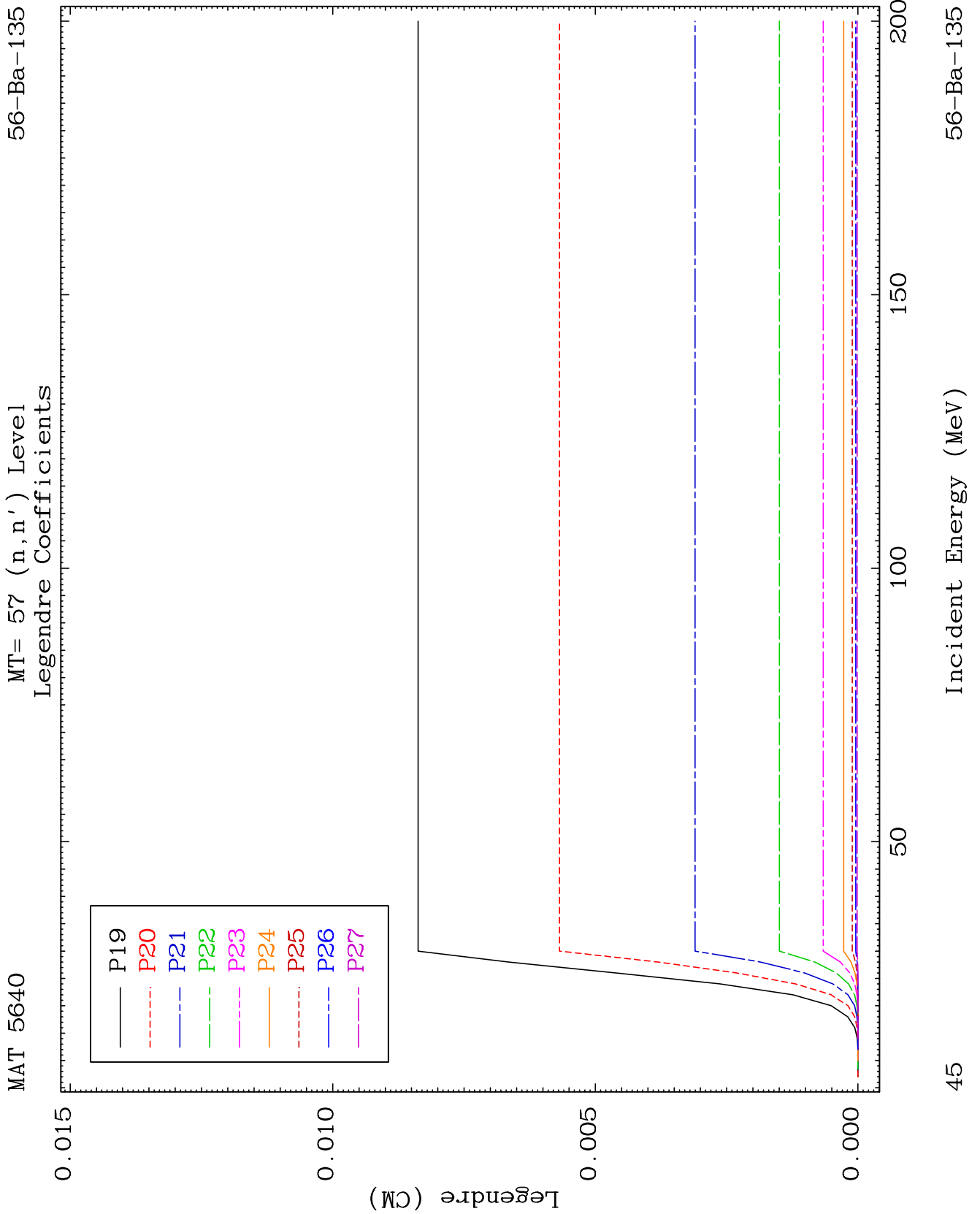
56-Ba-135



44

Incident Energy (MeV)

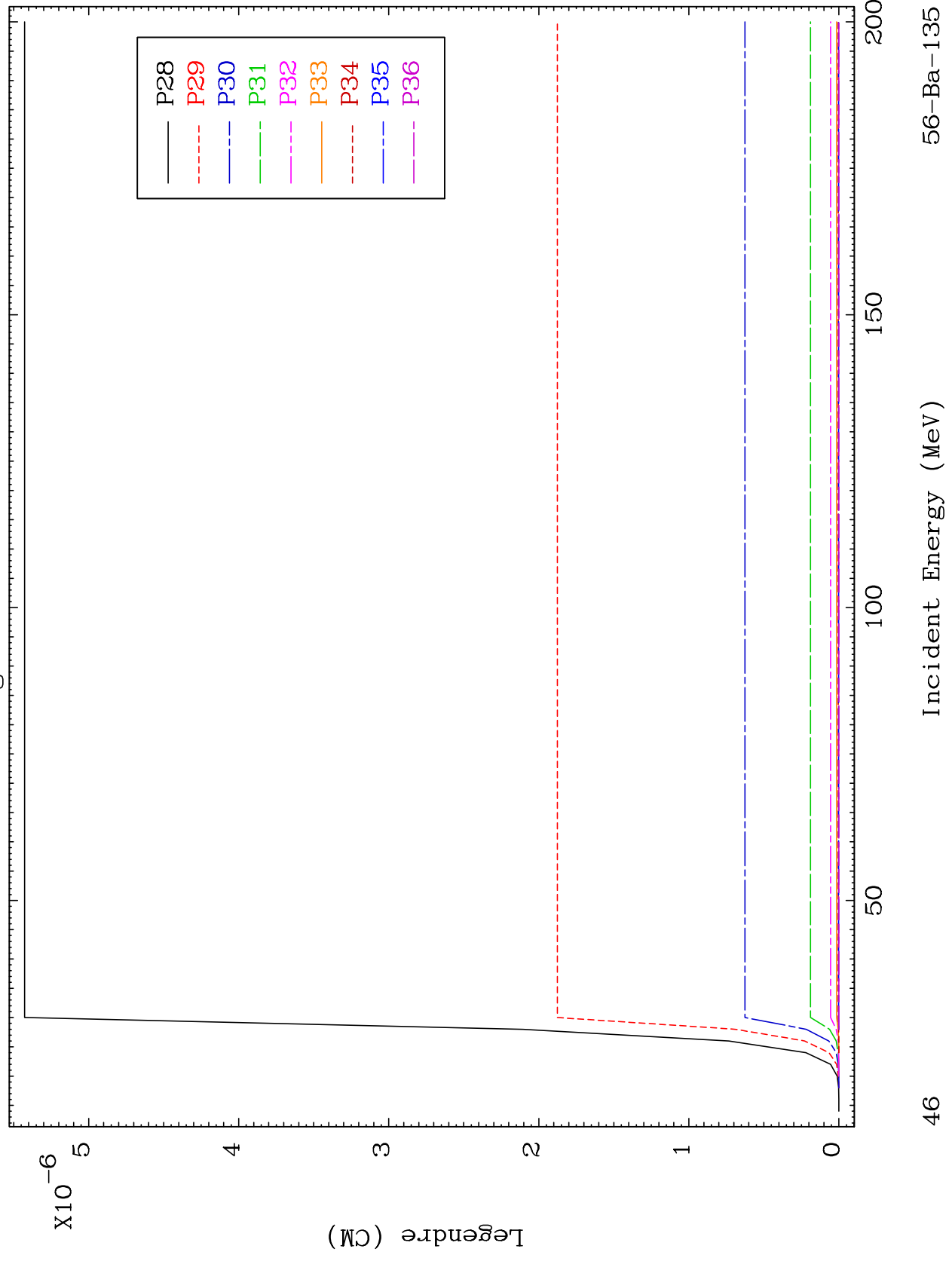
56-Ba-135



MAT 5640

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

56-Ba-135



56-Ba-135

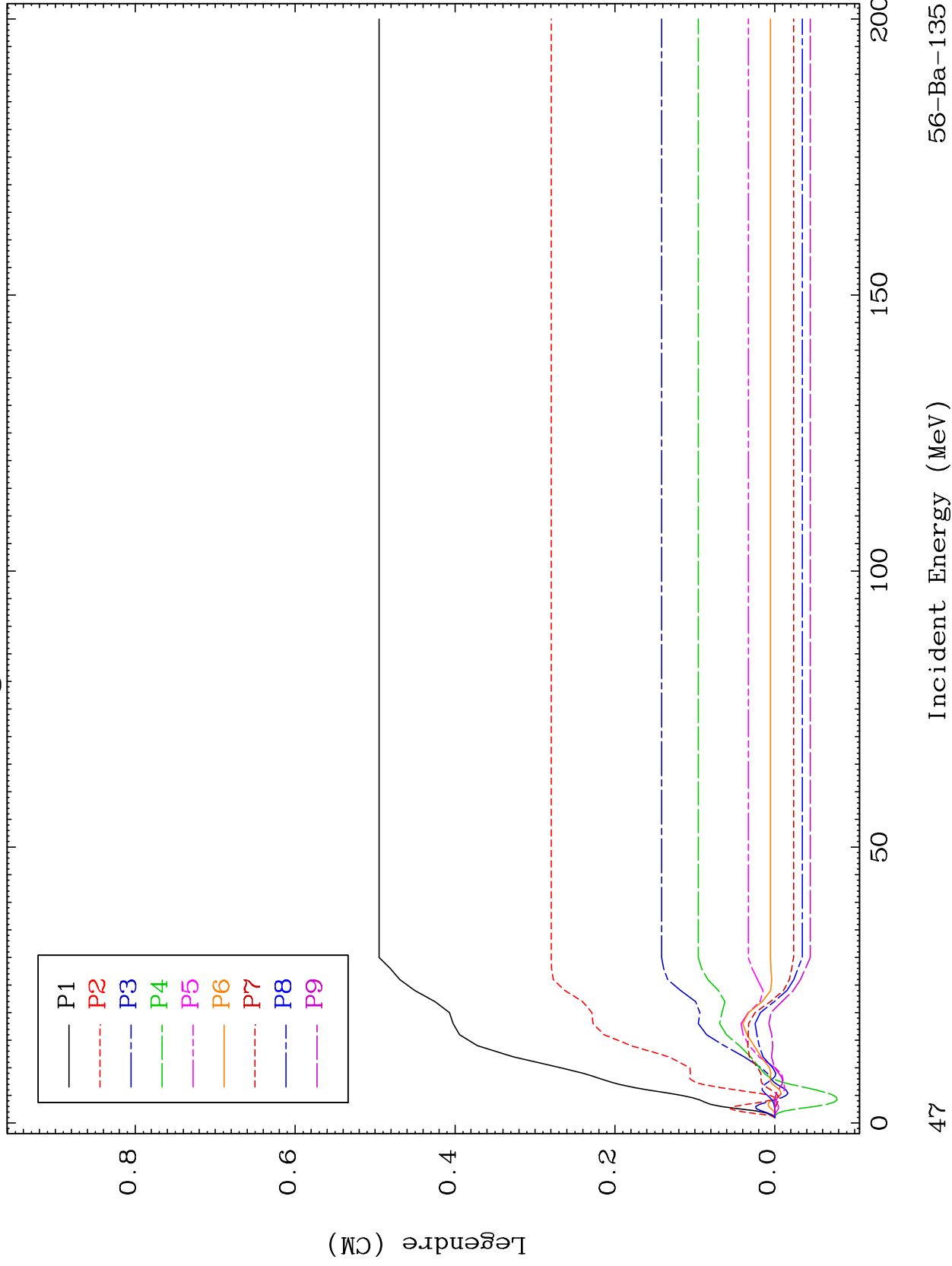
Incident Energy (MeV)

46

MAT 5640

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

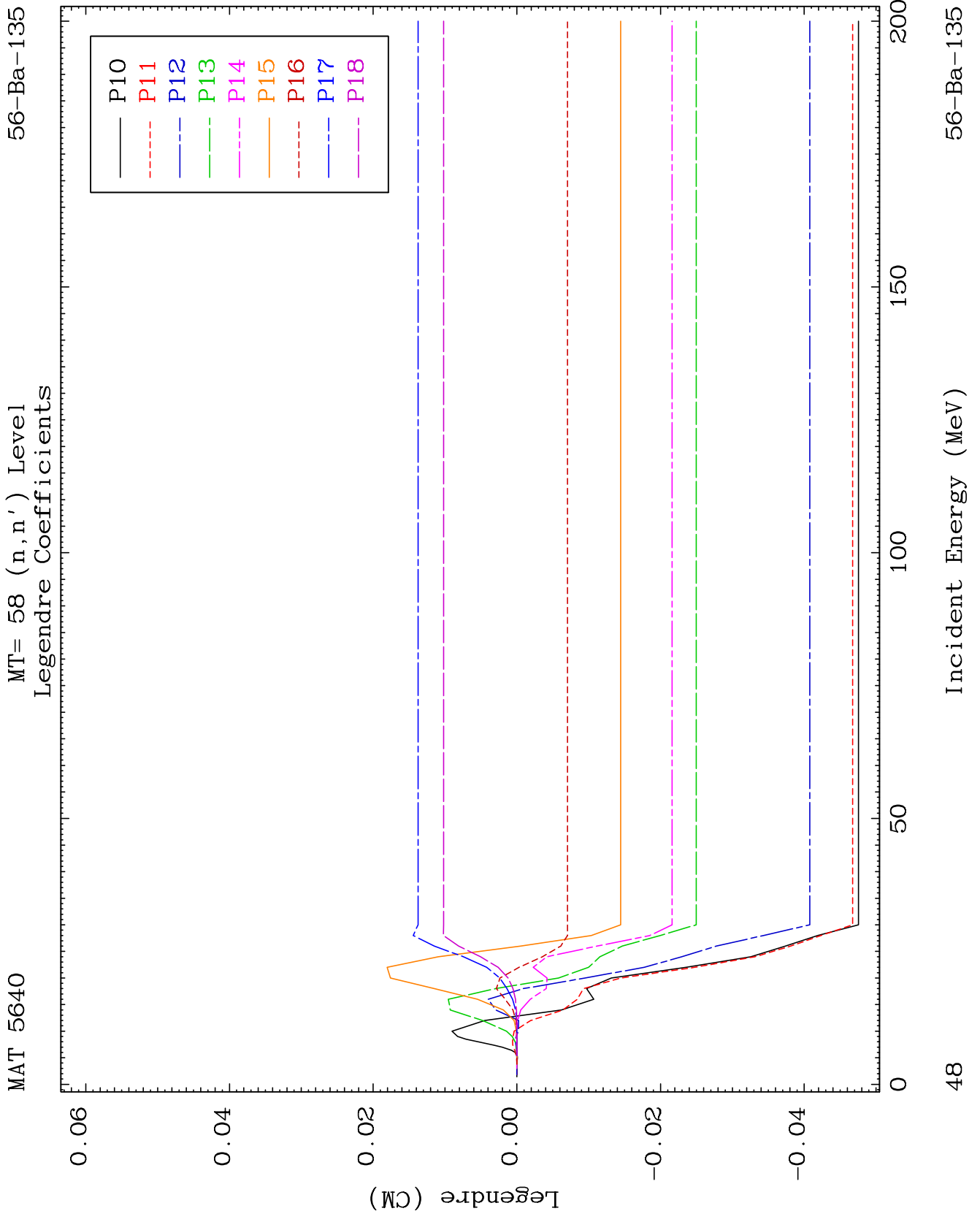
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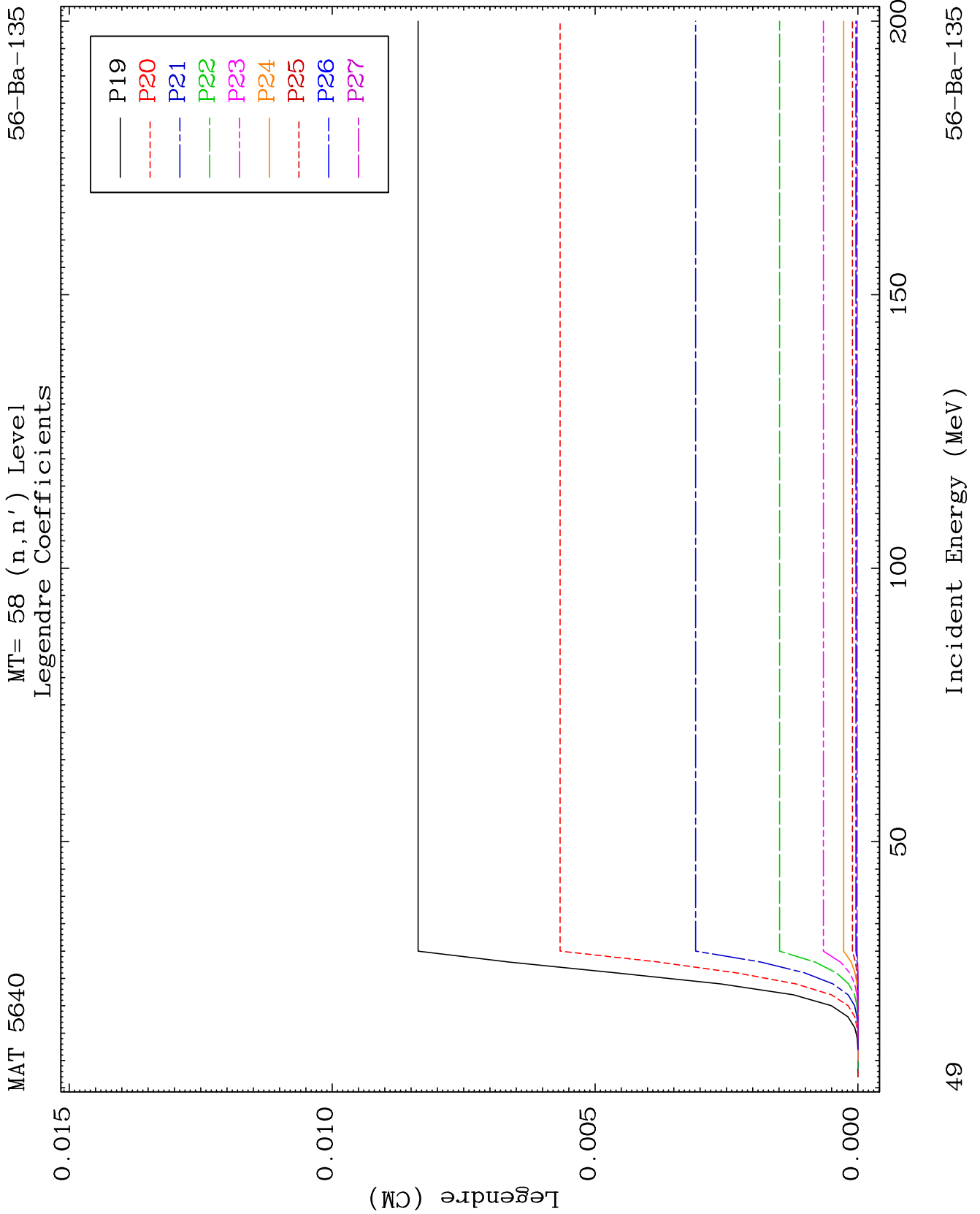


47

Incident Energy (MeV)

56-Ba-135

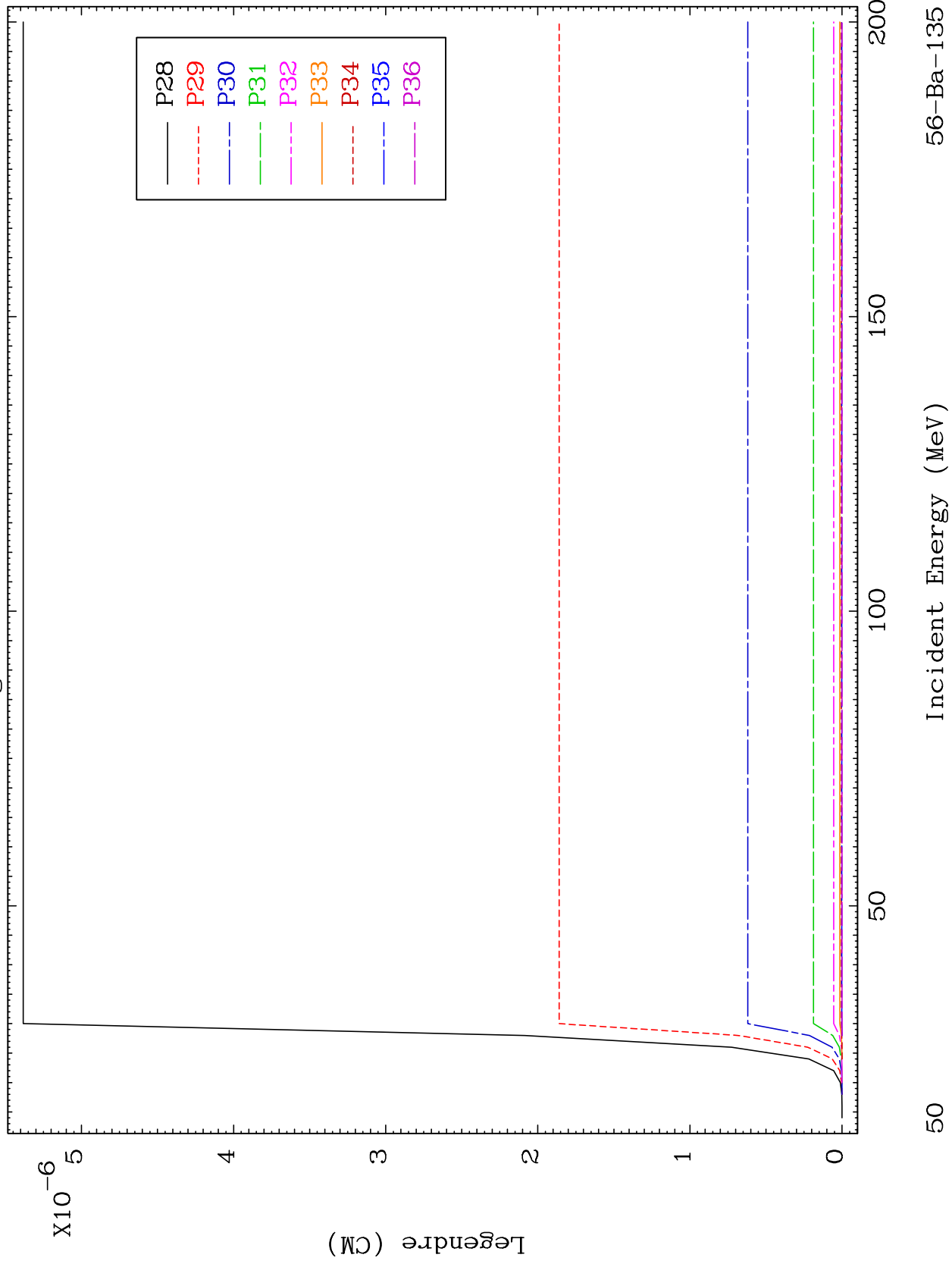




MAT 5640

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

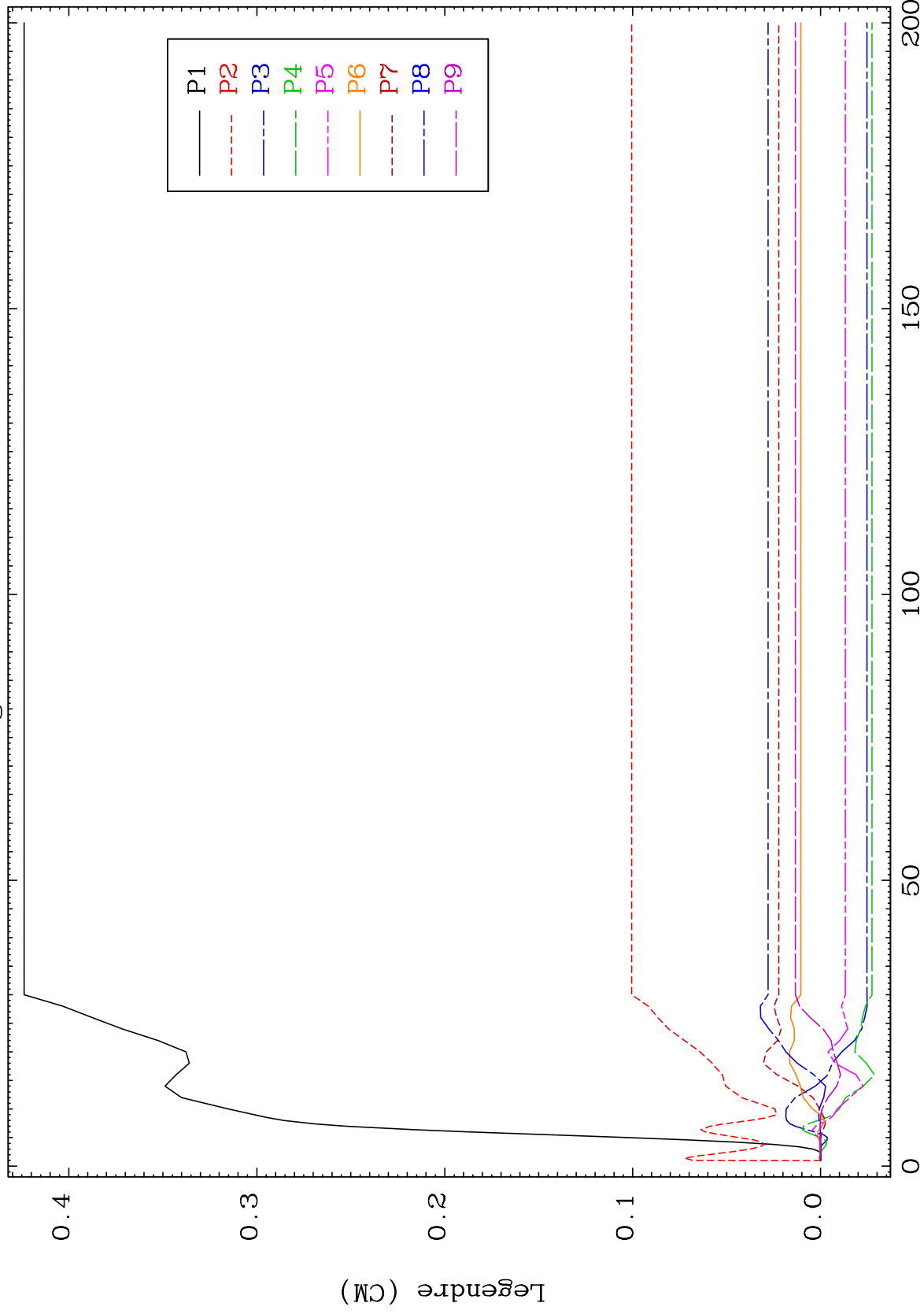
56-Ba-135



MAT 5640

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

56-Ba-135



51

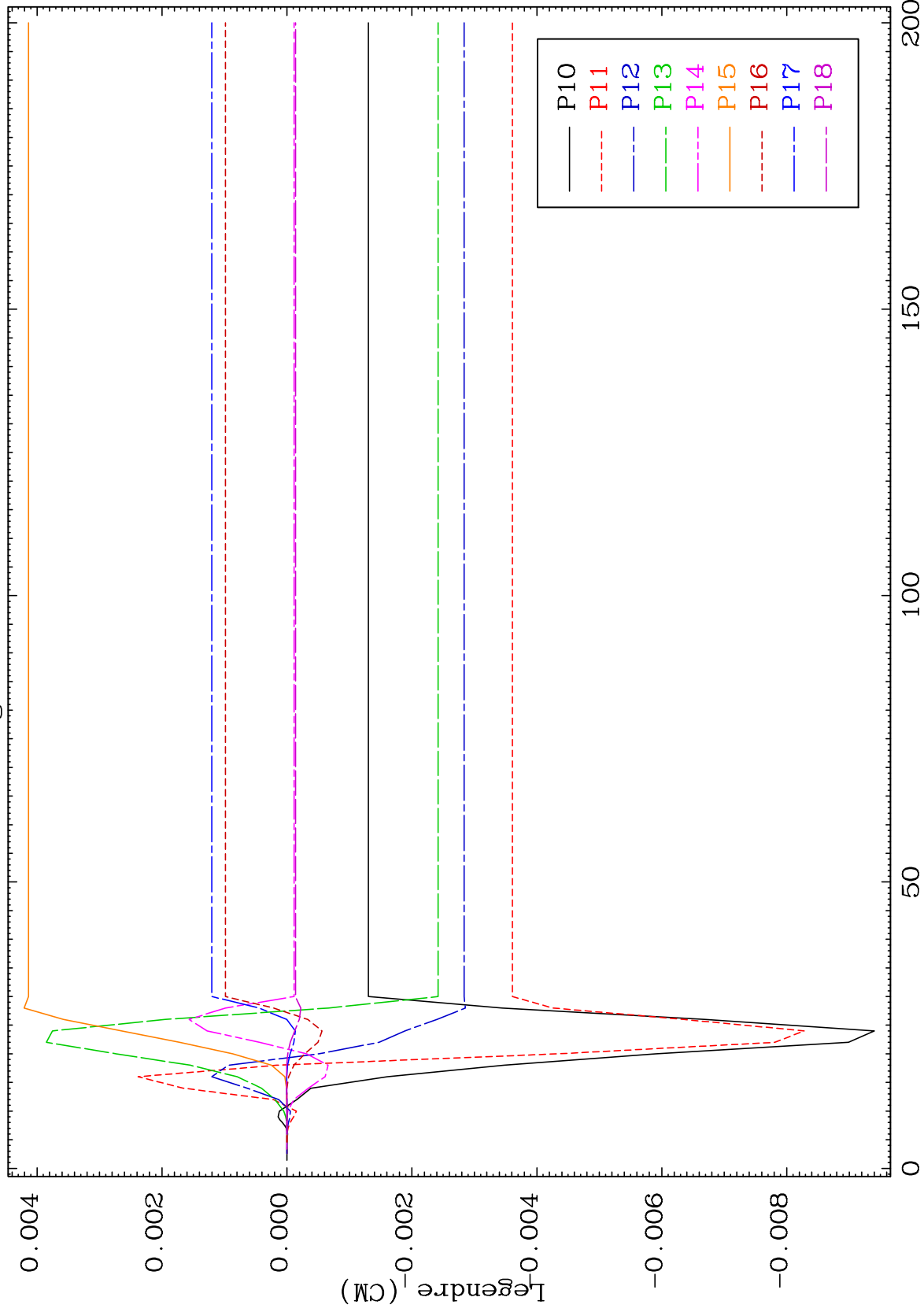
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

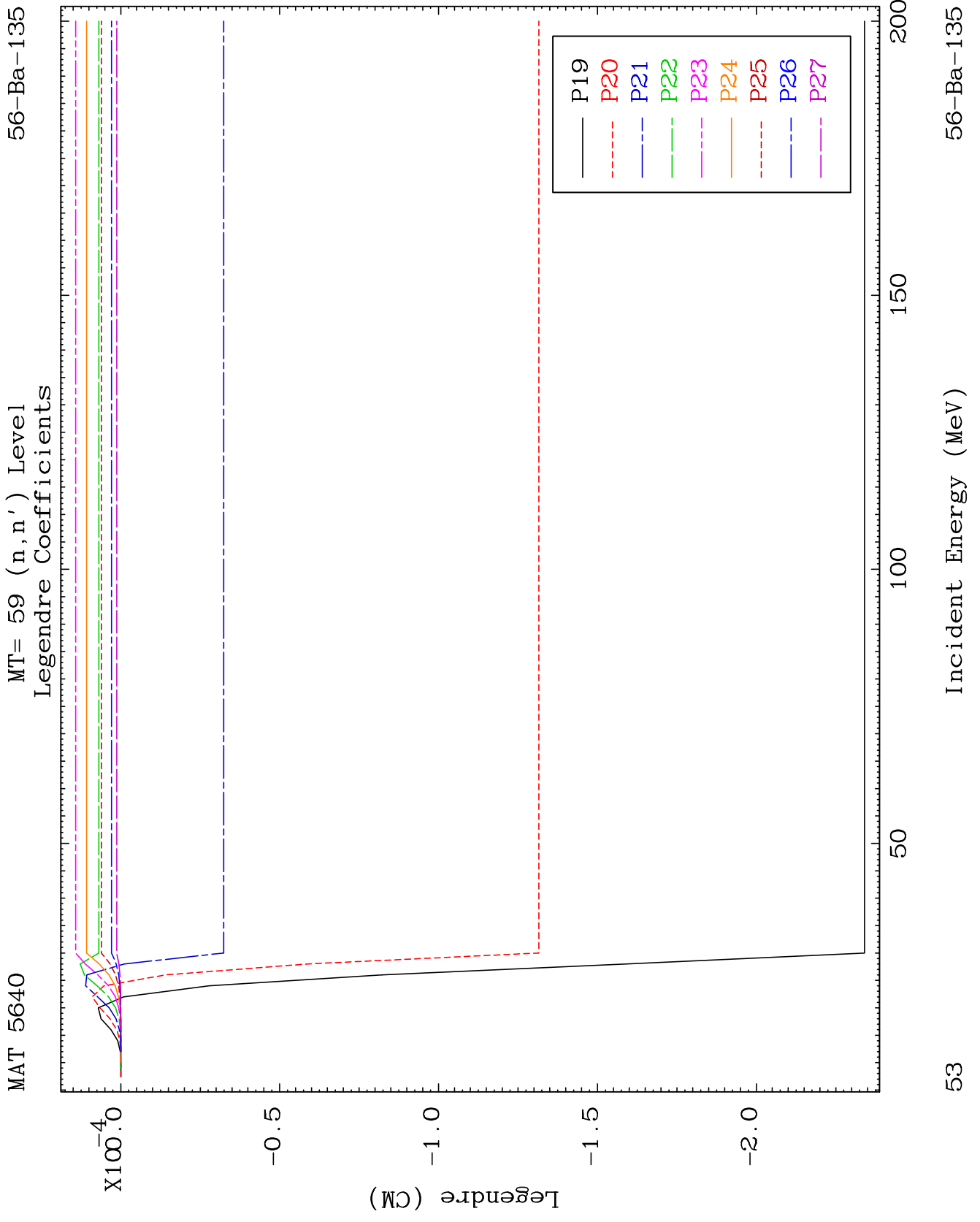
56-Ba-135



52

Incident Energy (MeV)

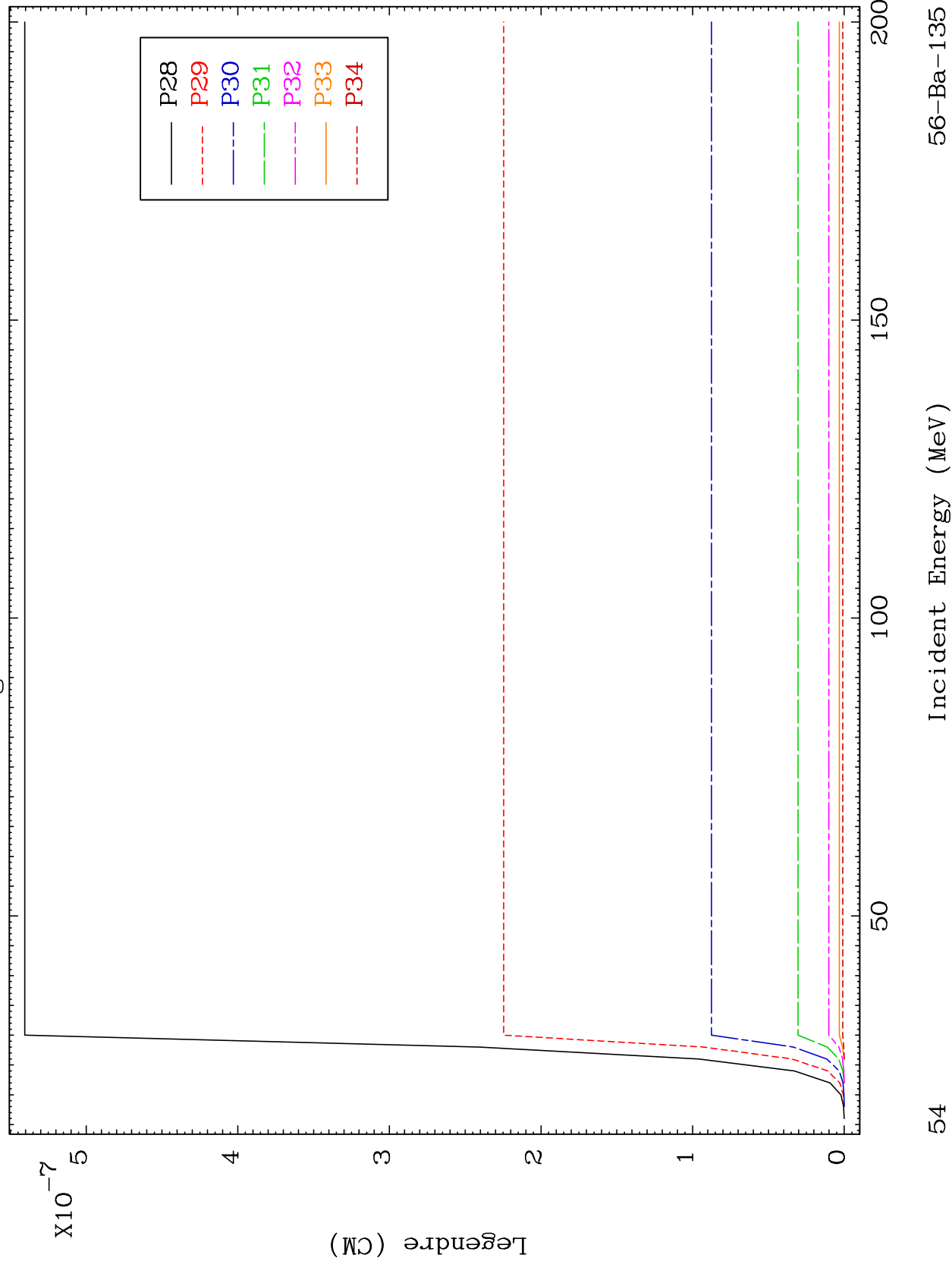
56-Ba-135



MAT 5640

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

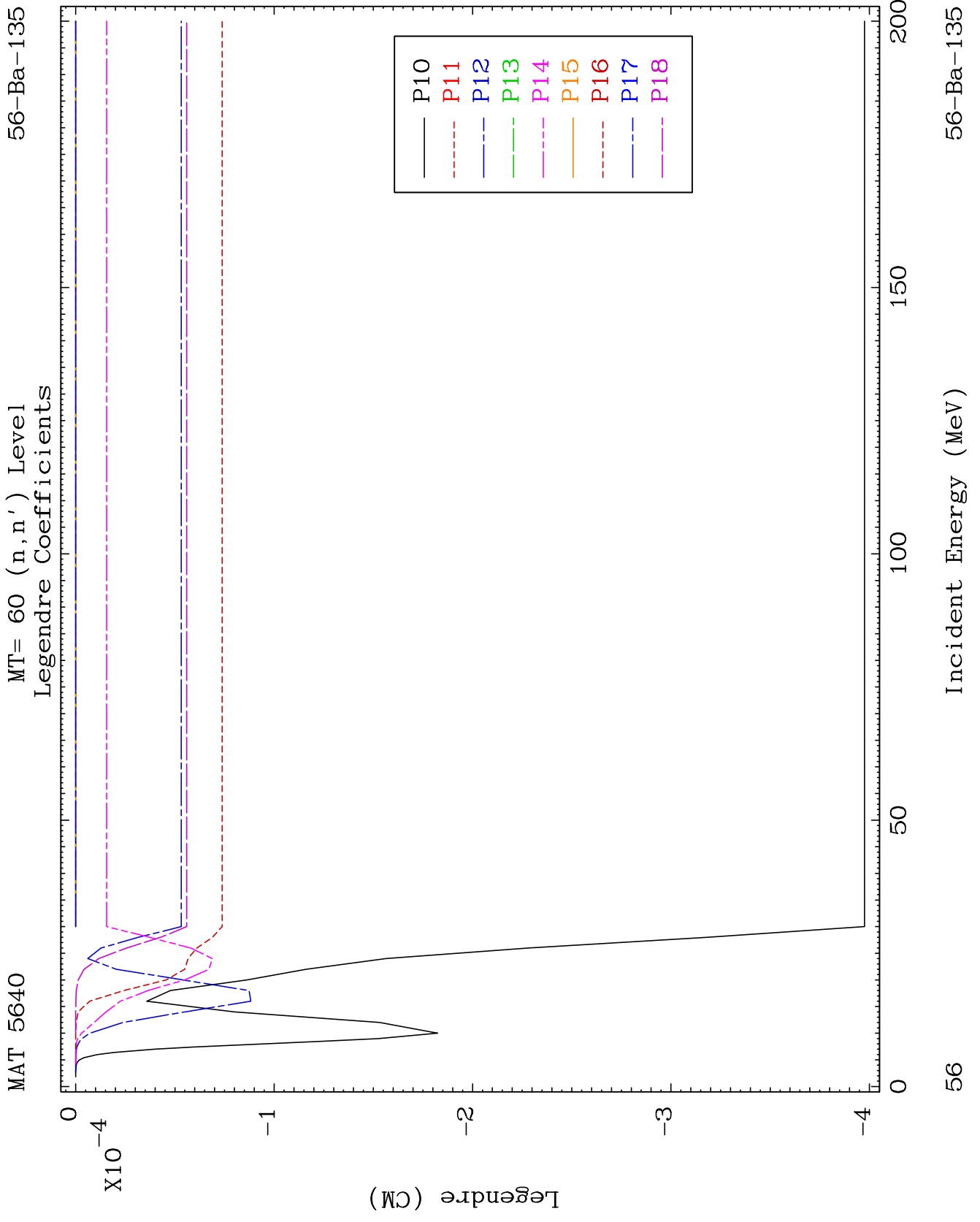
56-Ba-135

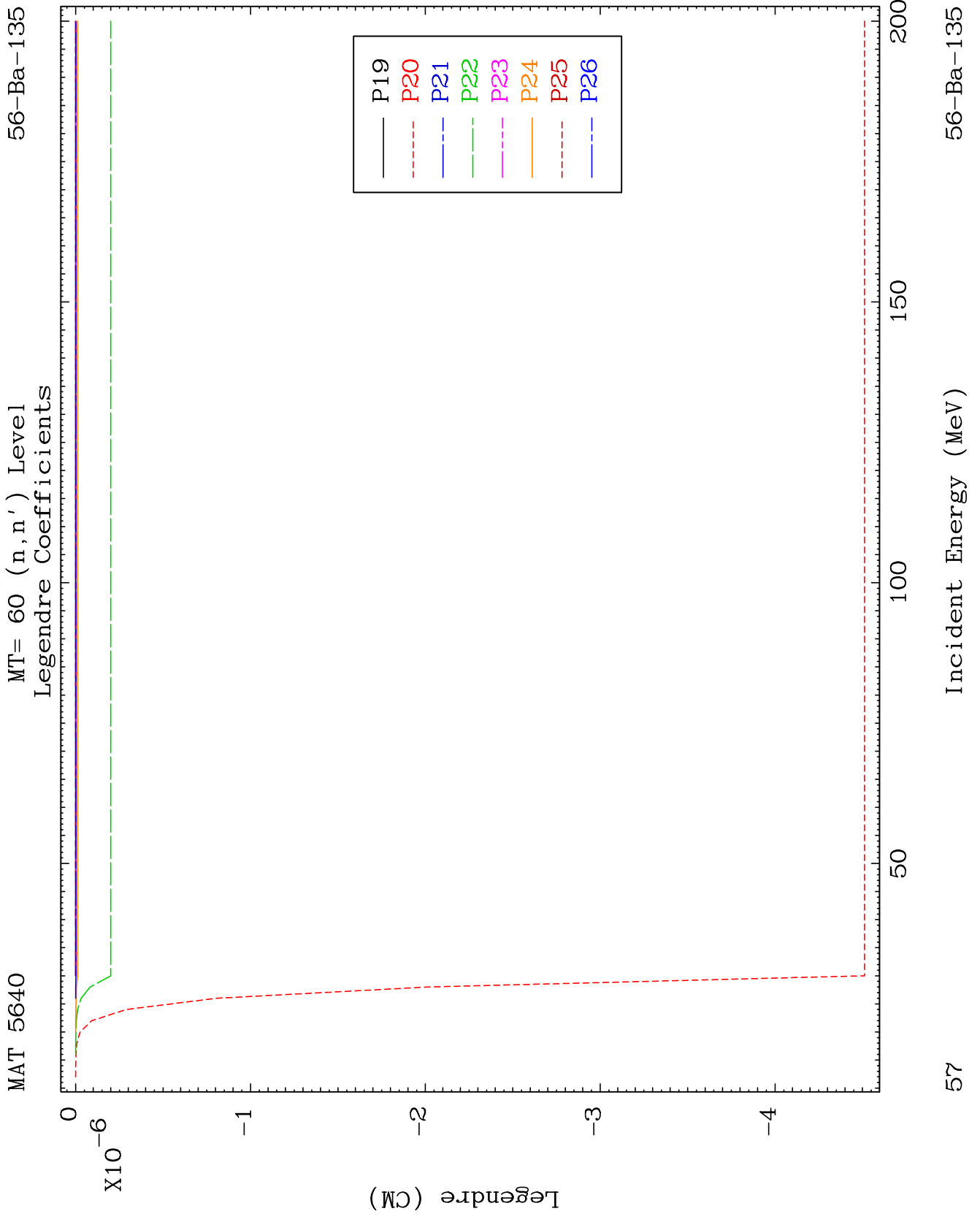


54

Incident Energy (MeV)

56-Ba-135

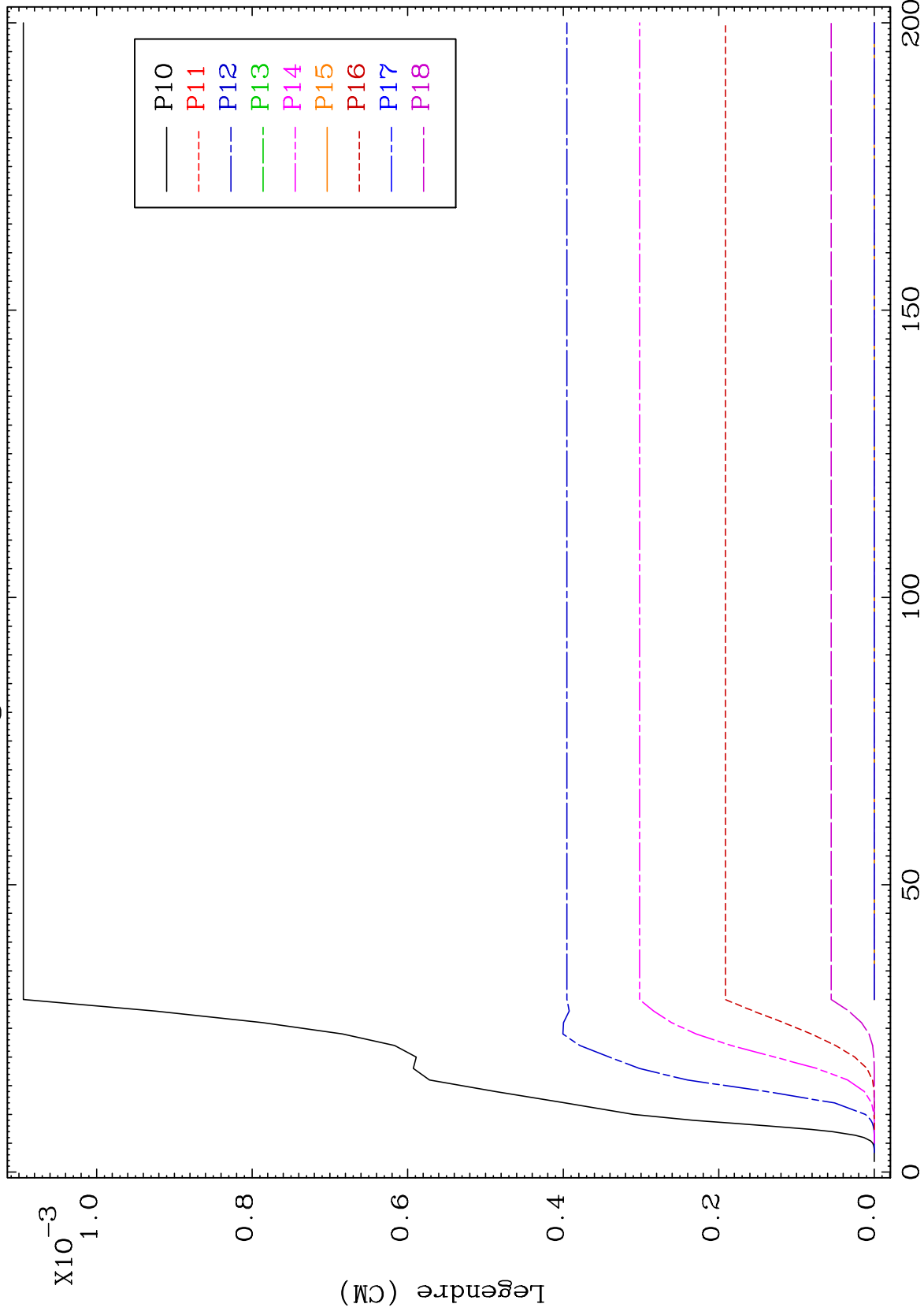




MAT 5640

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

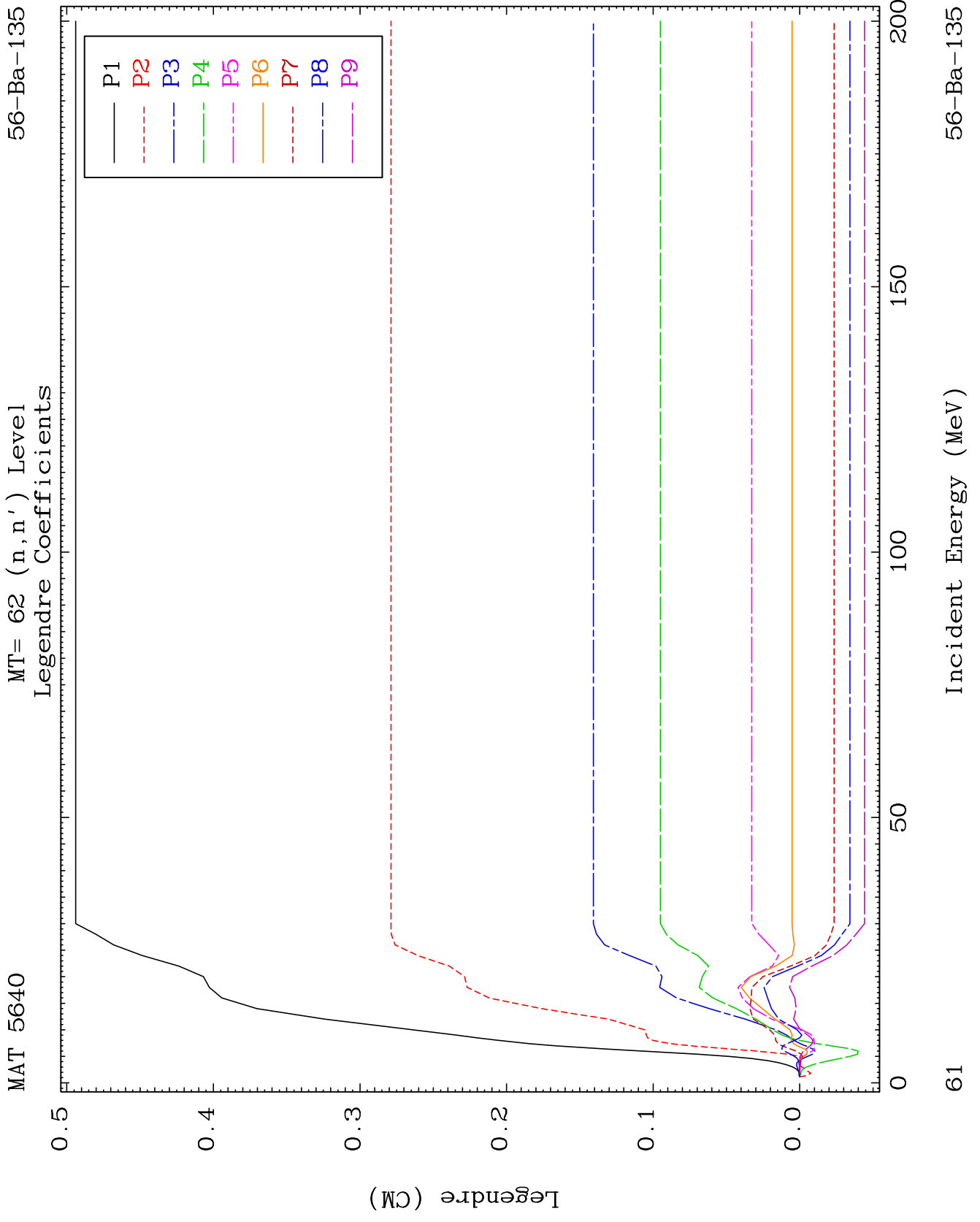
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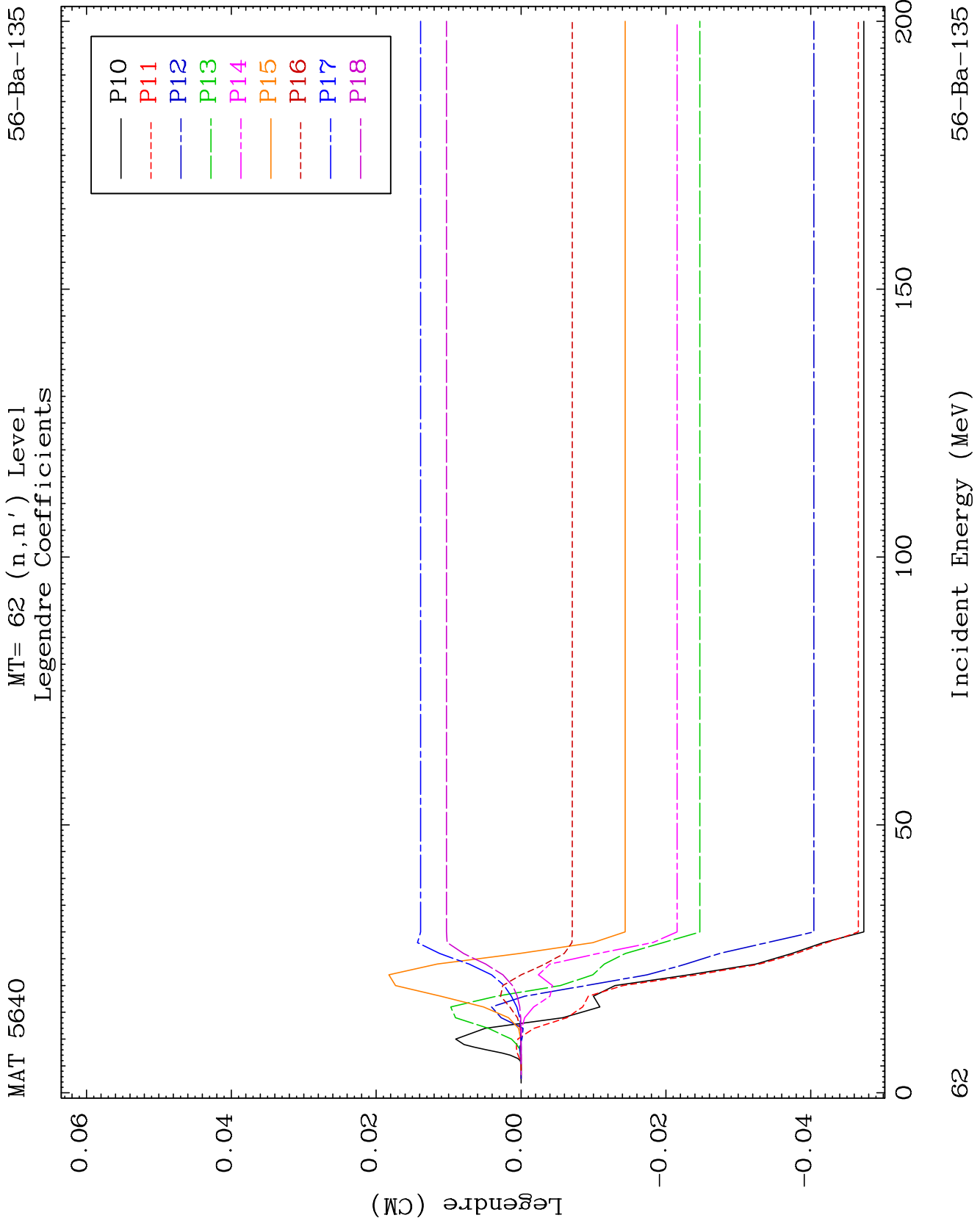


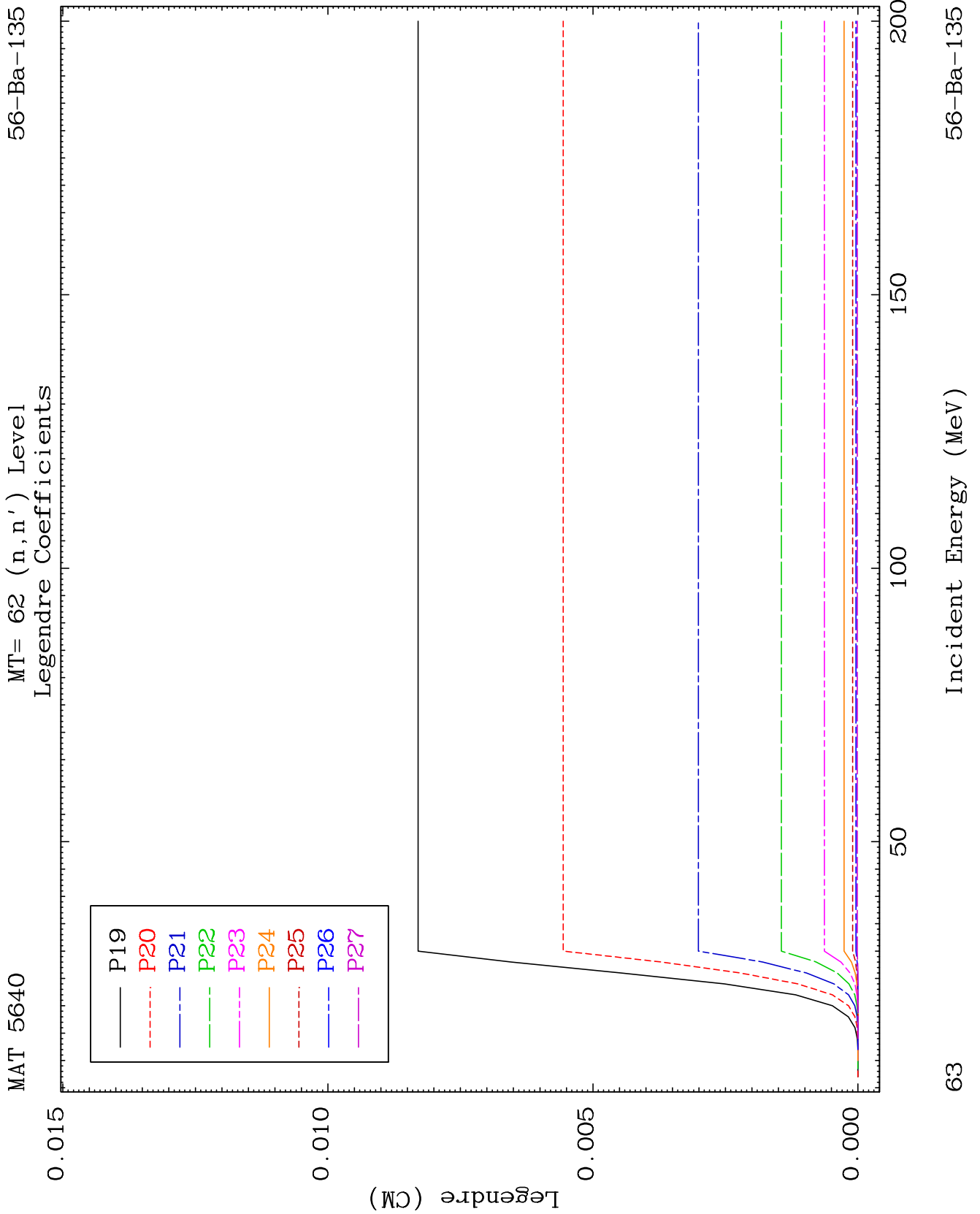
59

Incident Energy (MeV)

56-Ba-135



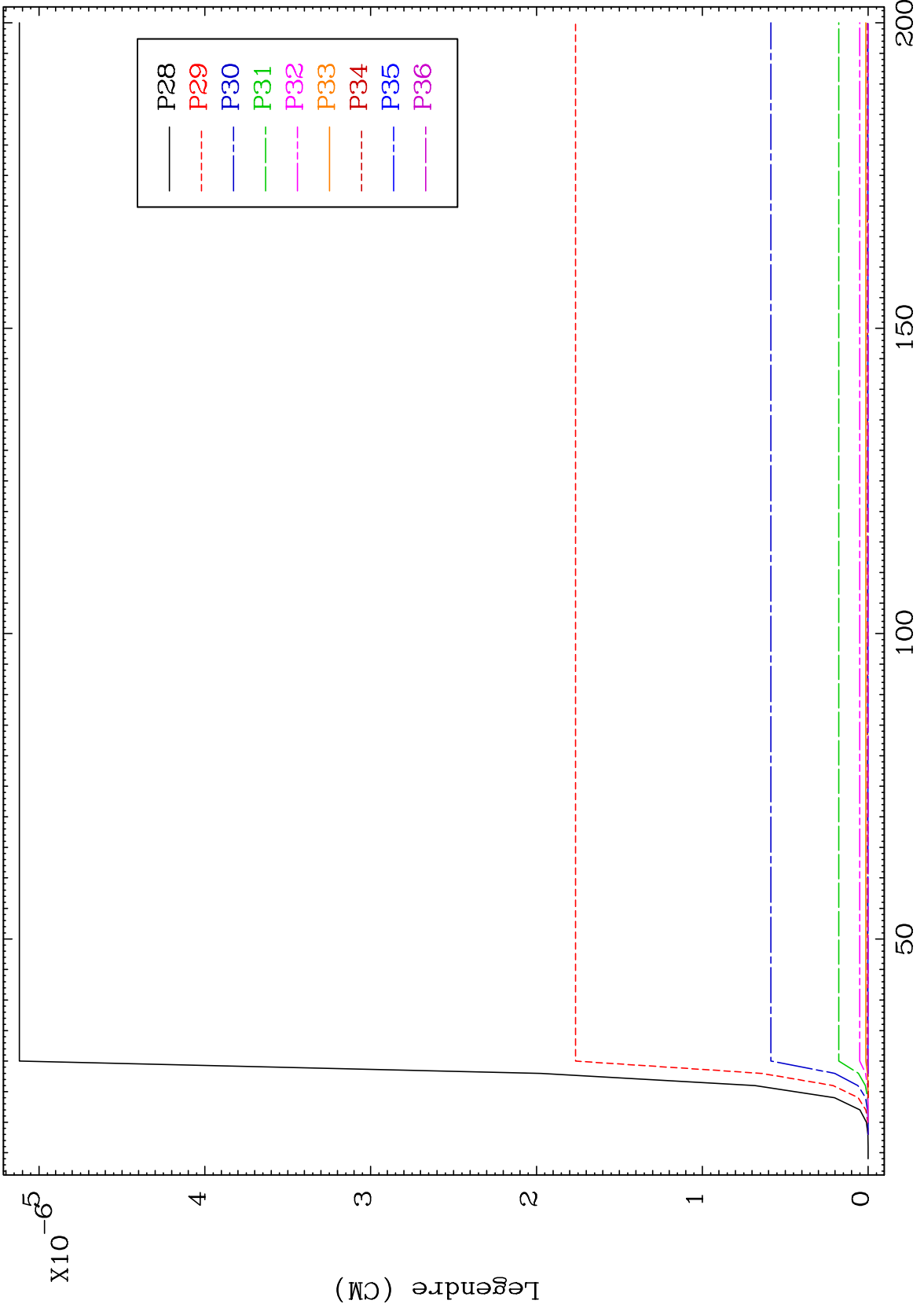




MAT 5640

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

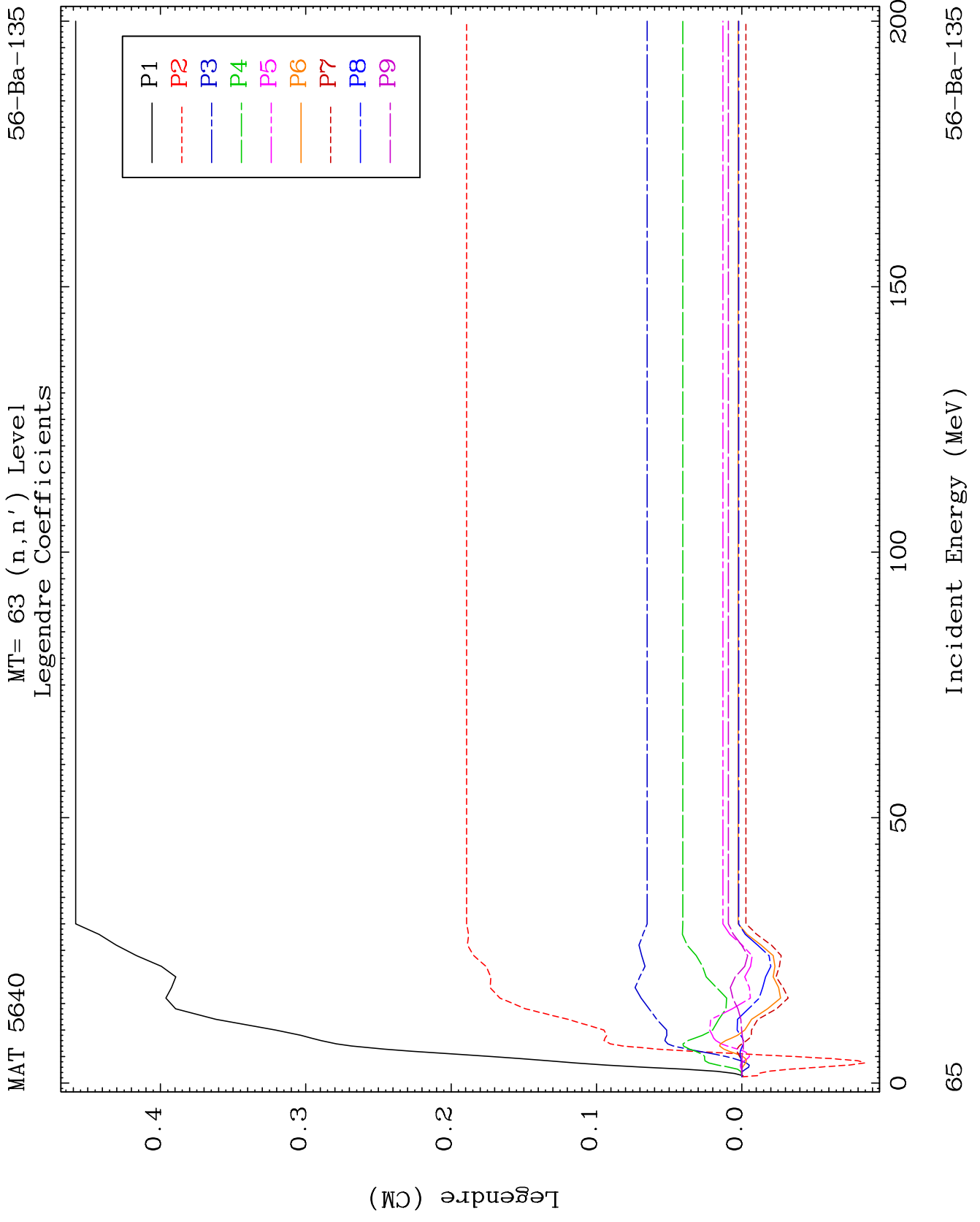
56-Ba-135



56-Ba-135

Incident Energy (MeV)

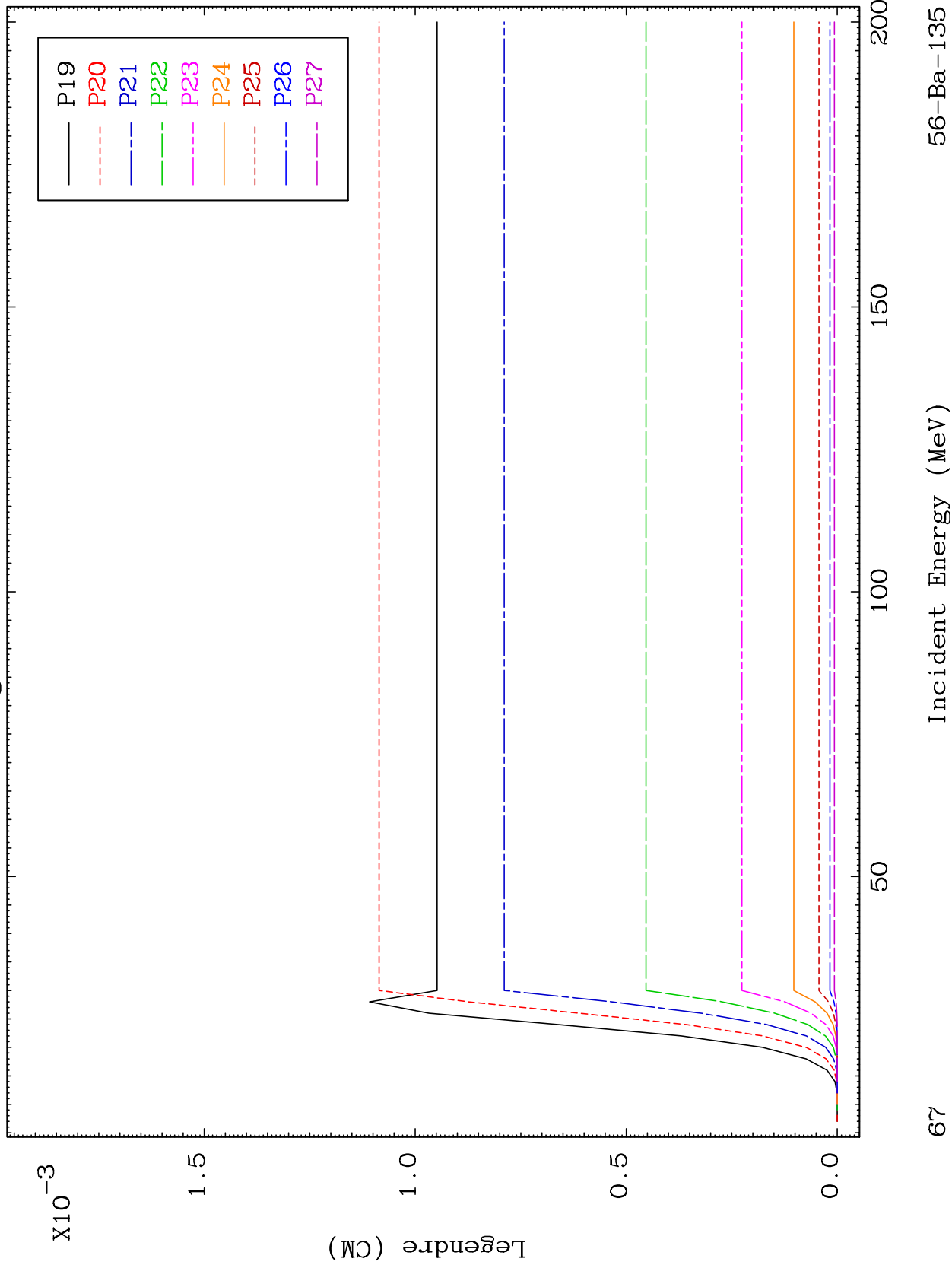
64



MAT 5640

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

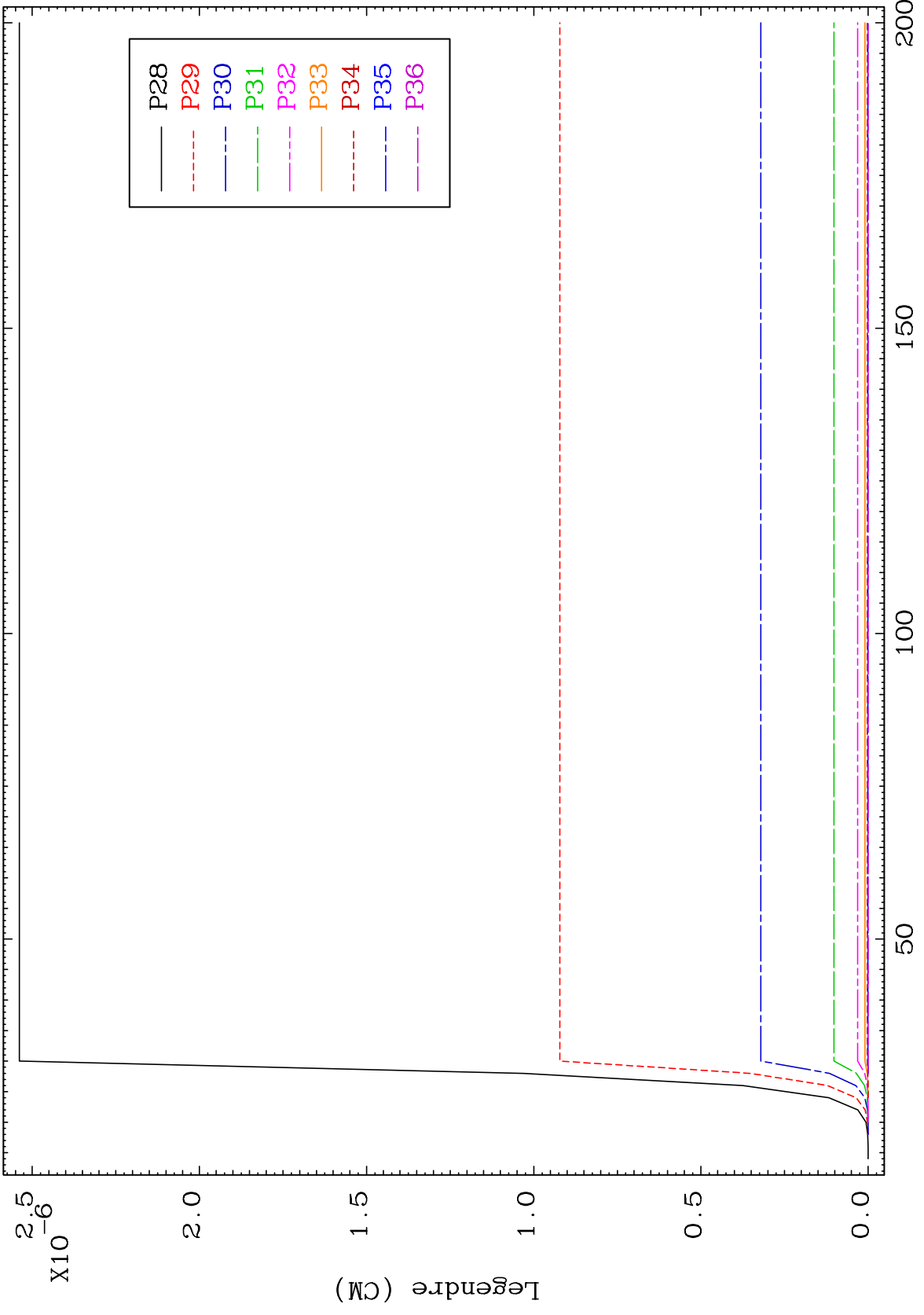
56-Ba-135



MAT 5640

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

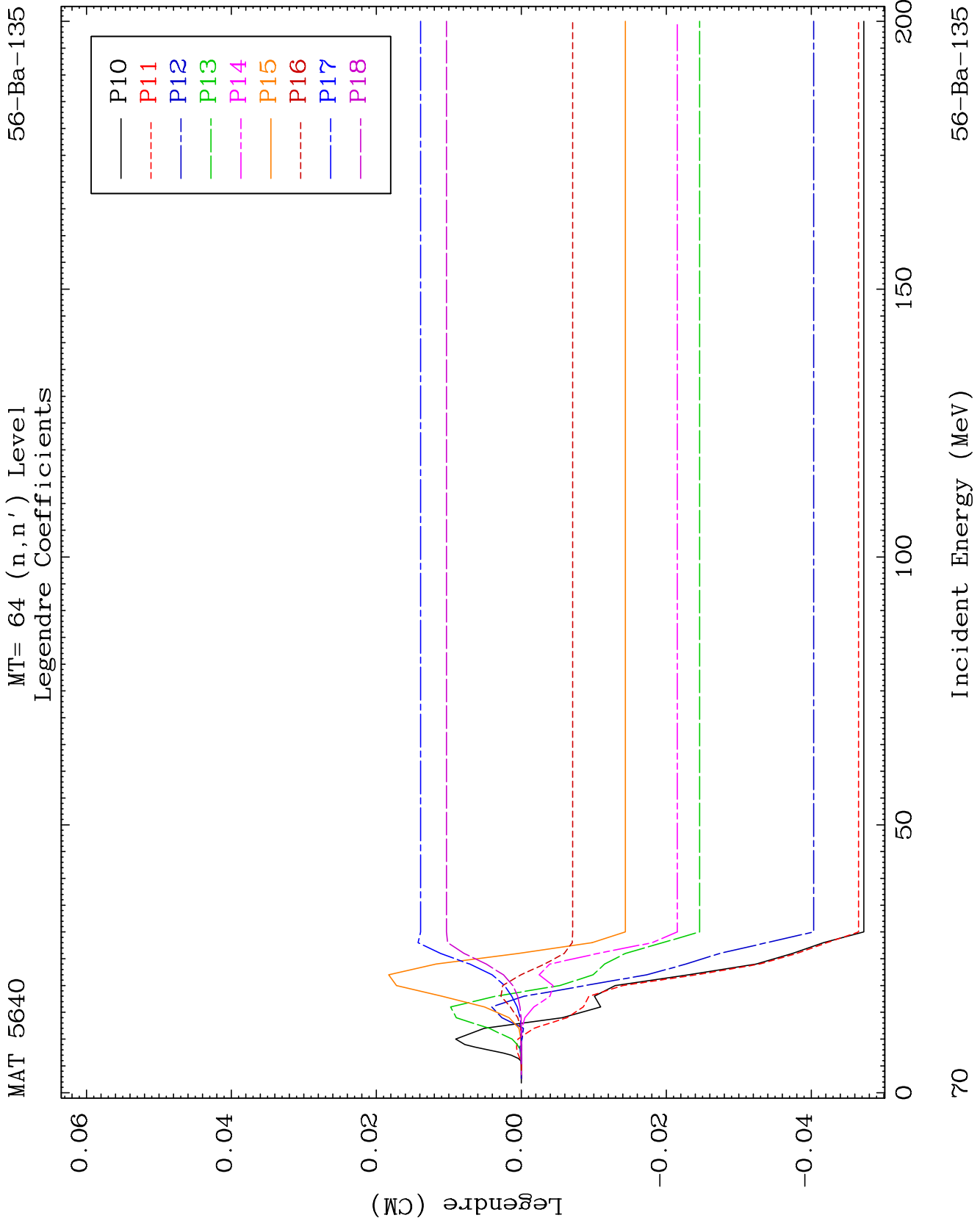
56-Ba-135



56-Ba-135

Incident Energy (MeV)

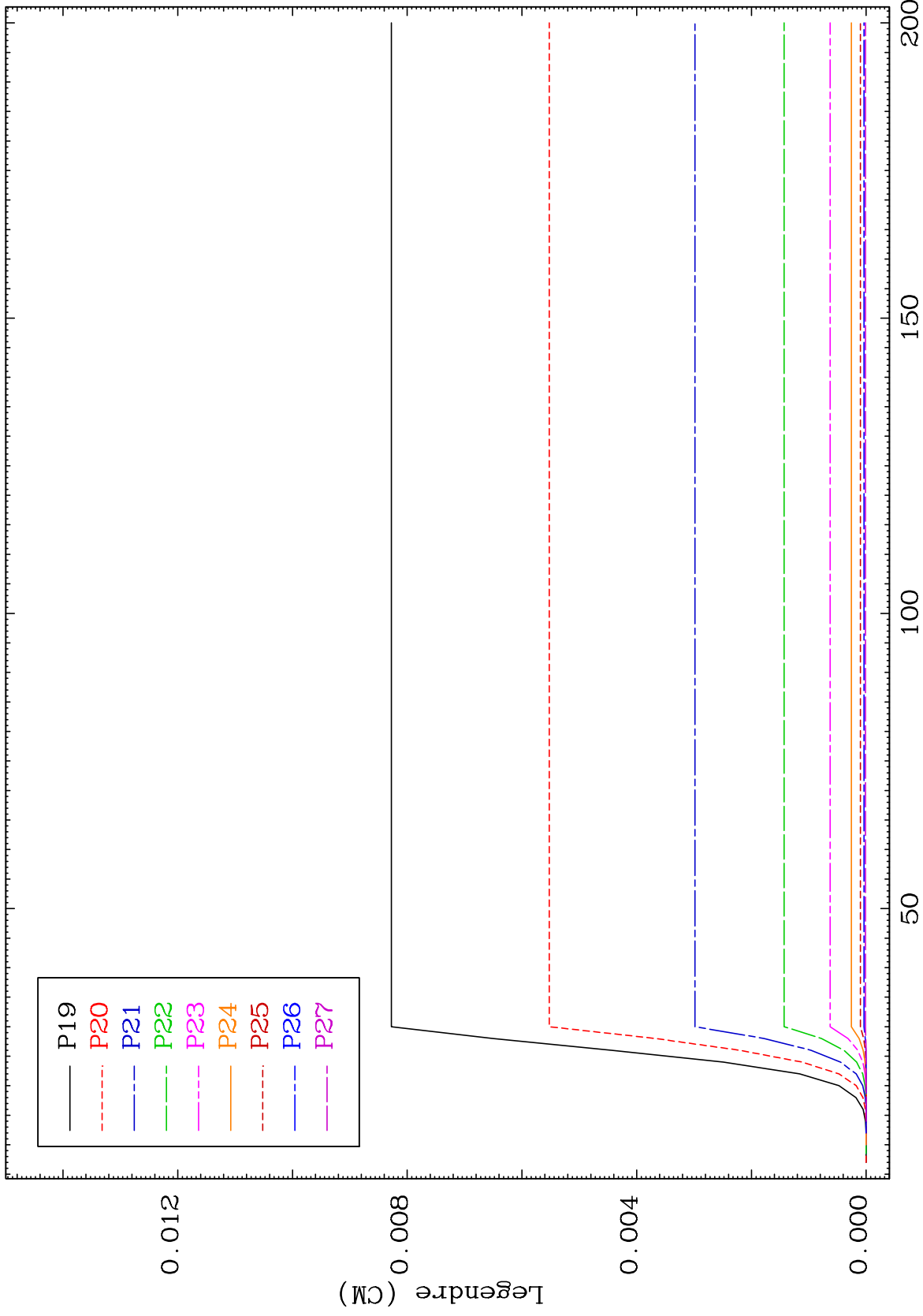
68



MAT 5640

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

56-Ba-135



71

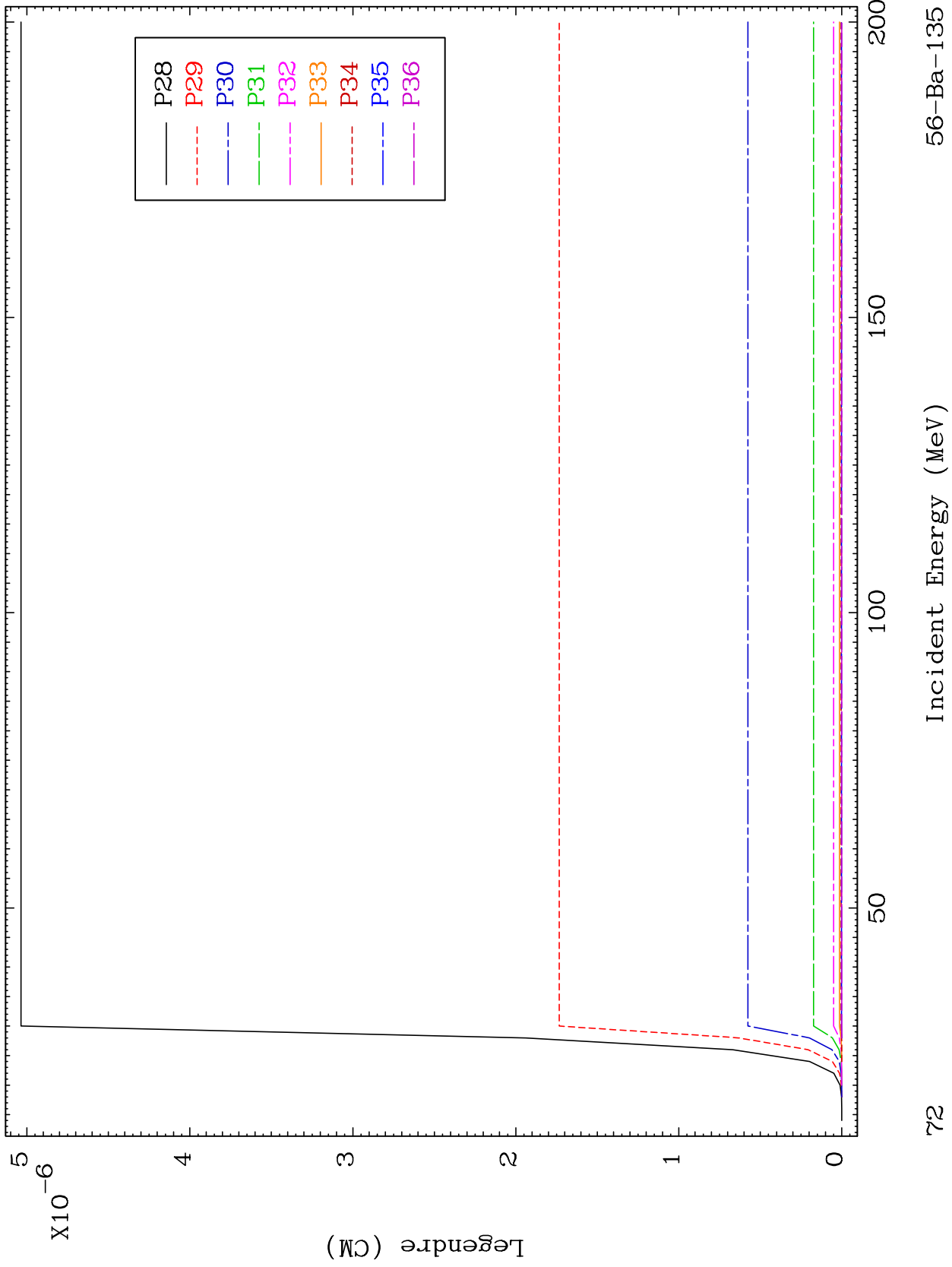
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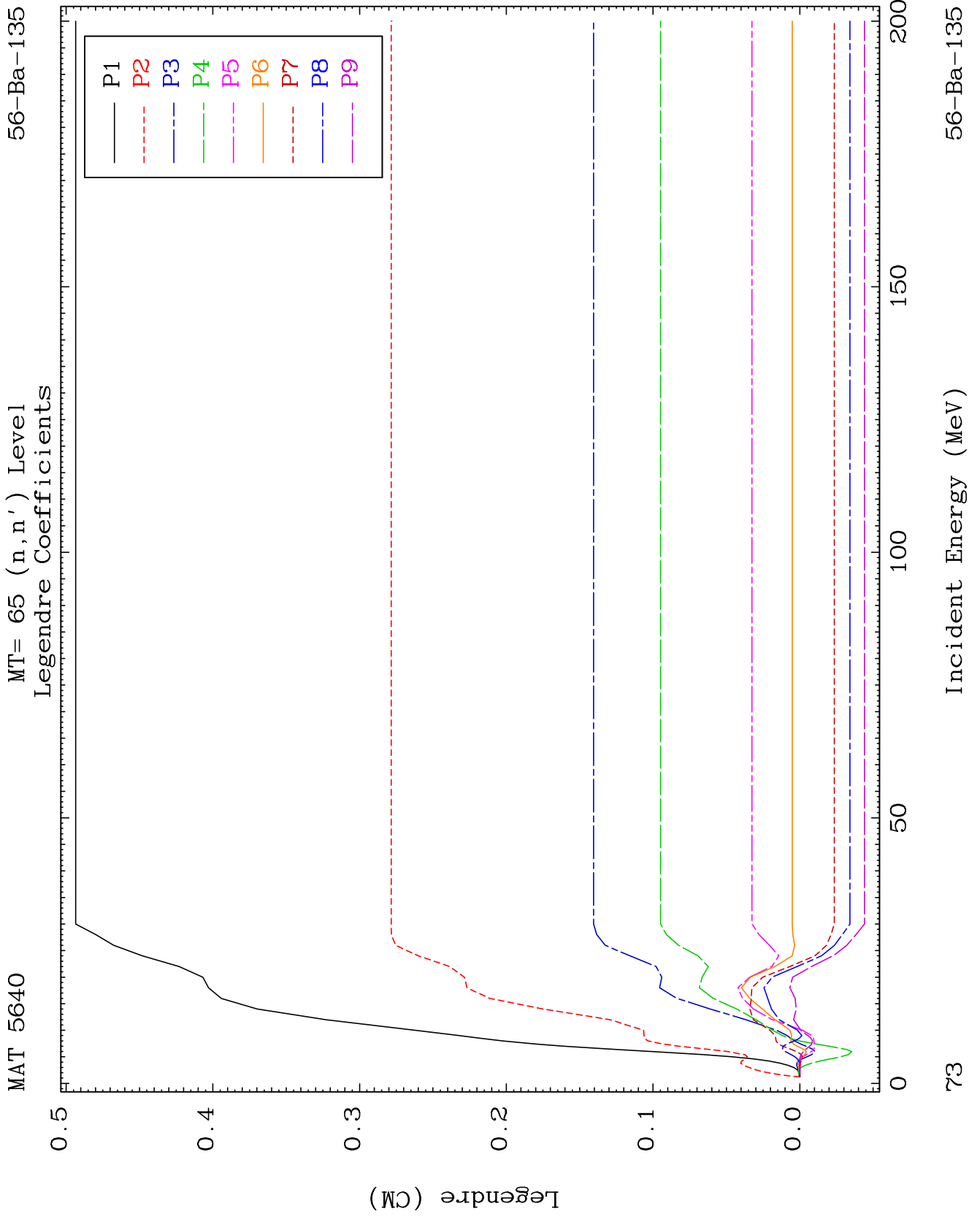
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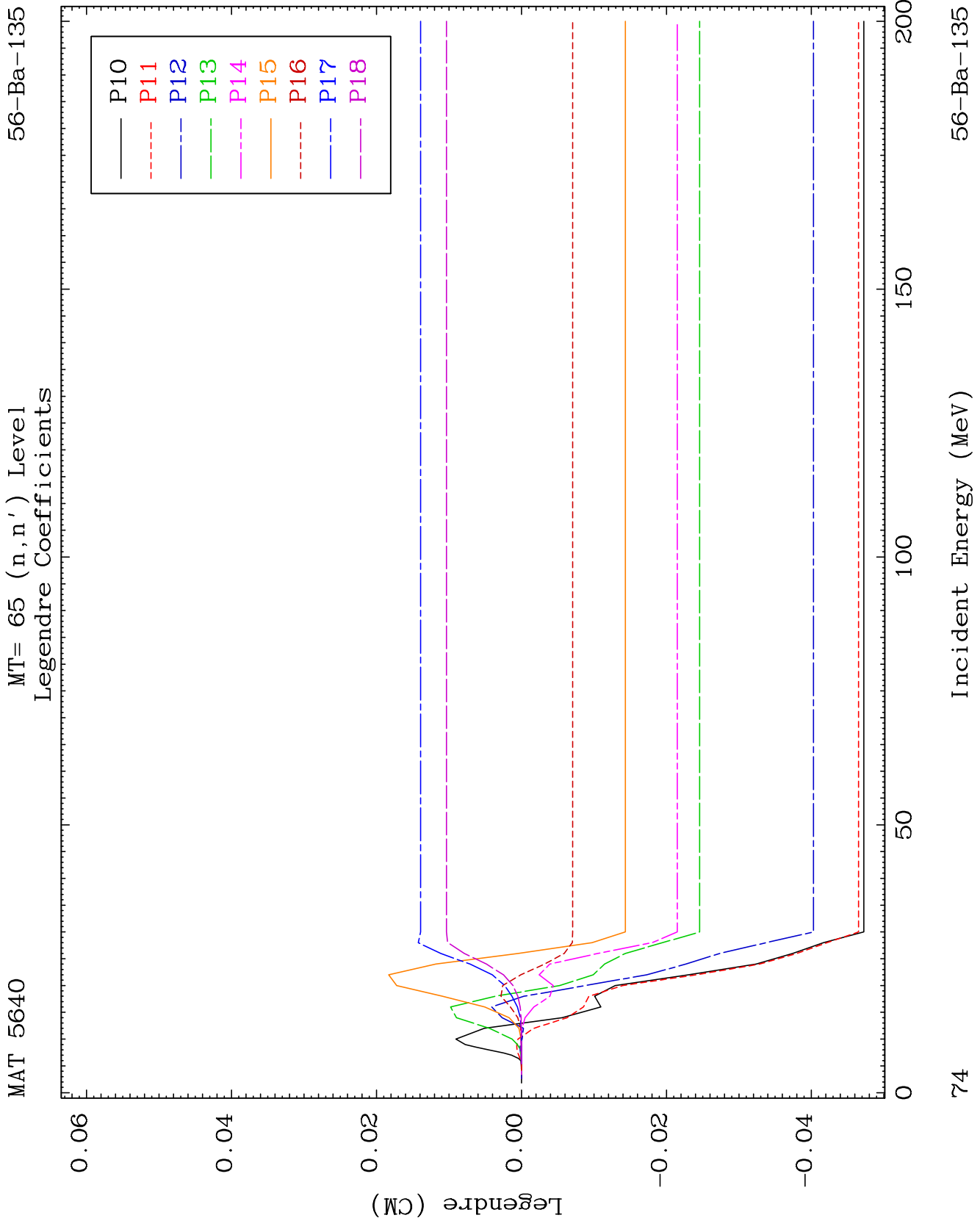
MAT 5640

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

56-Ba-135



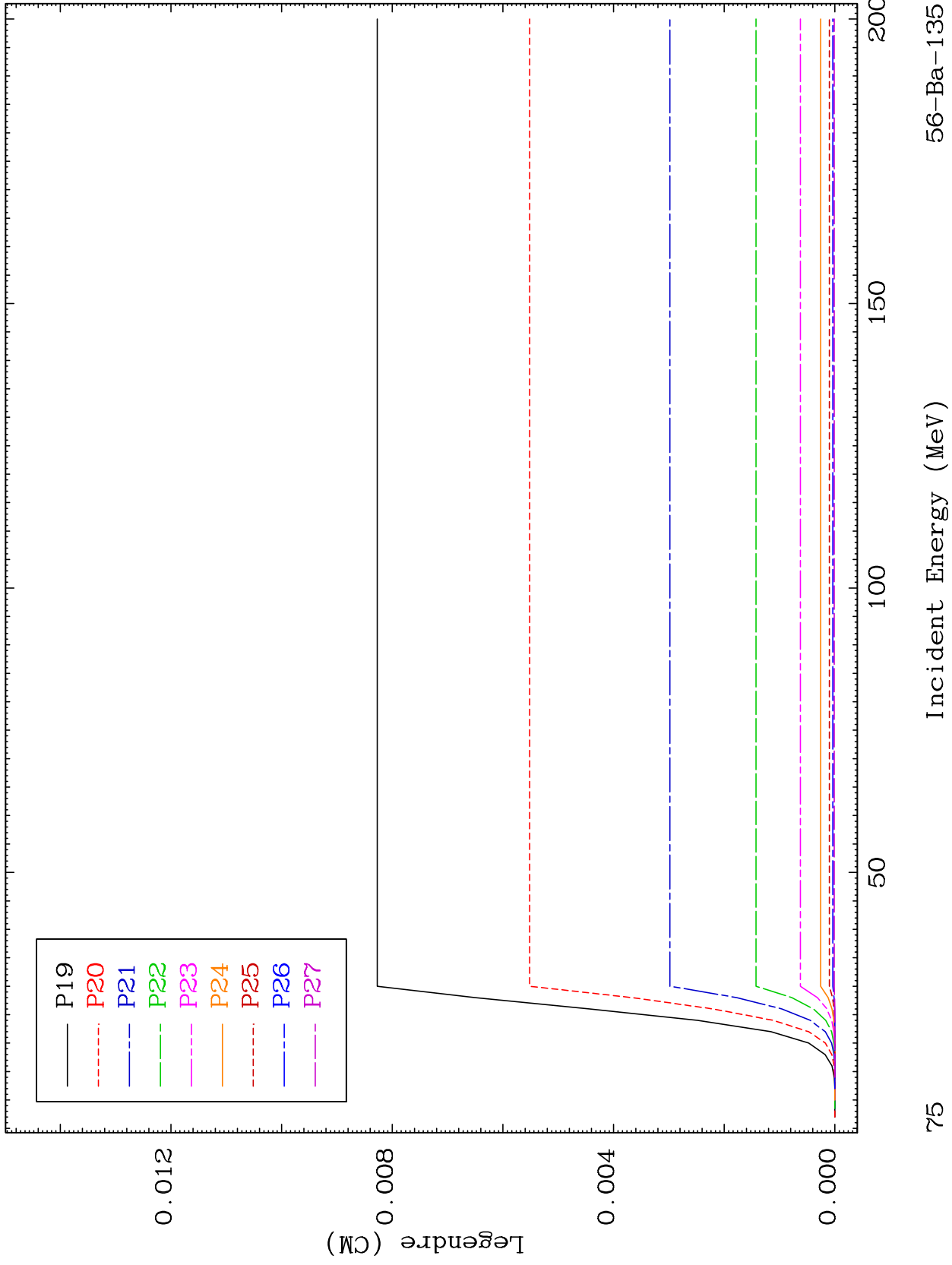




MAT 5640

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

56-Ba-135



75

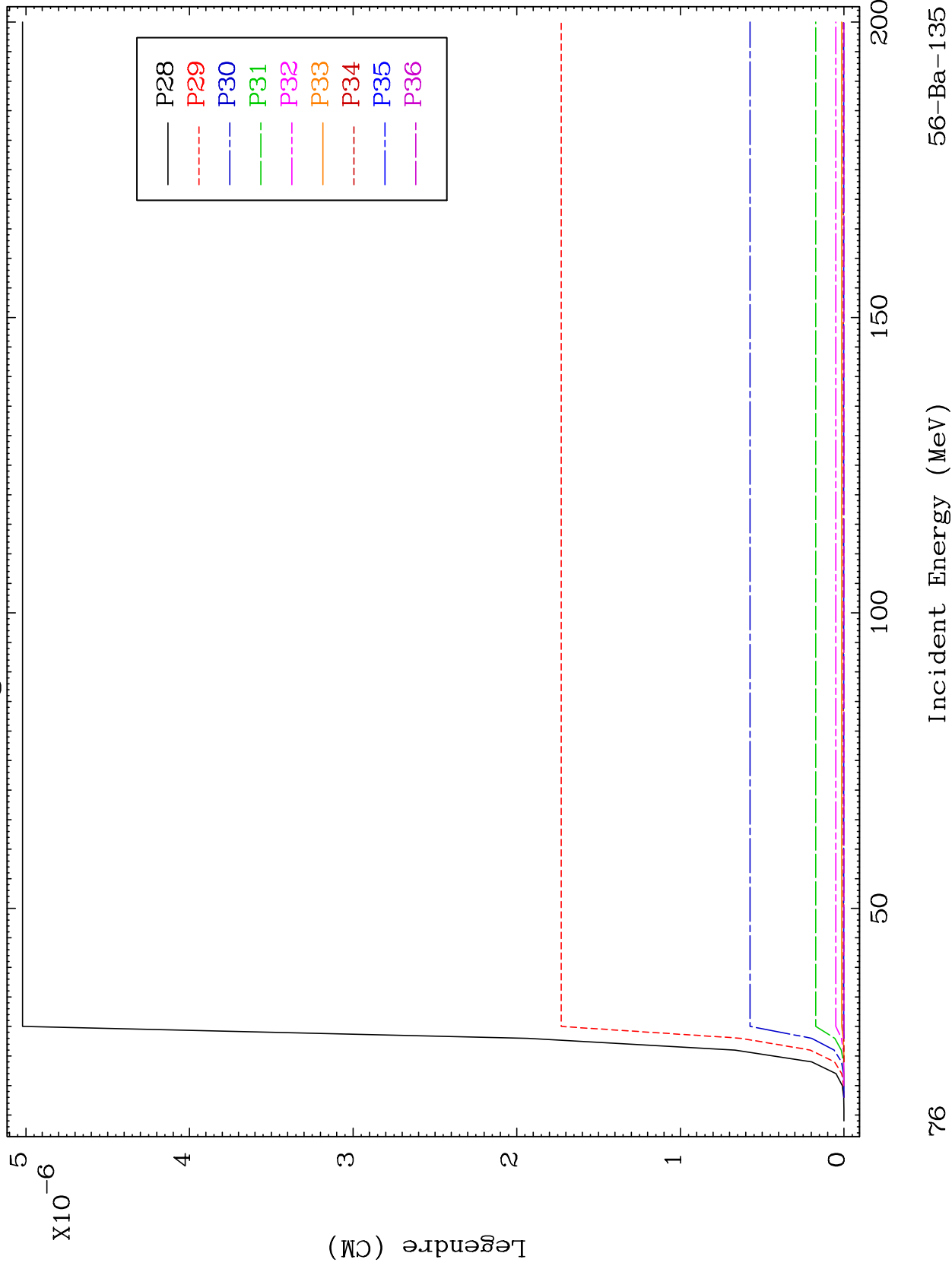
Incident Energy (MeV)

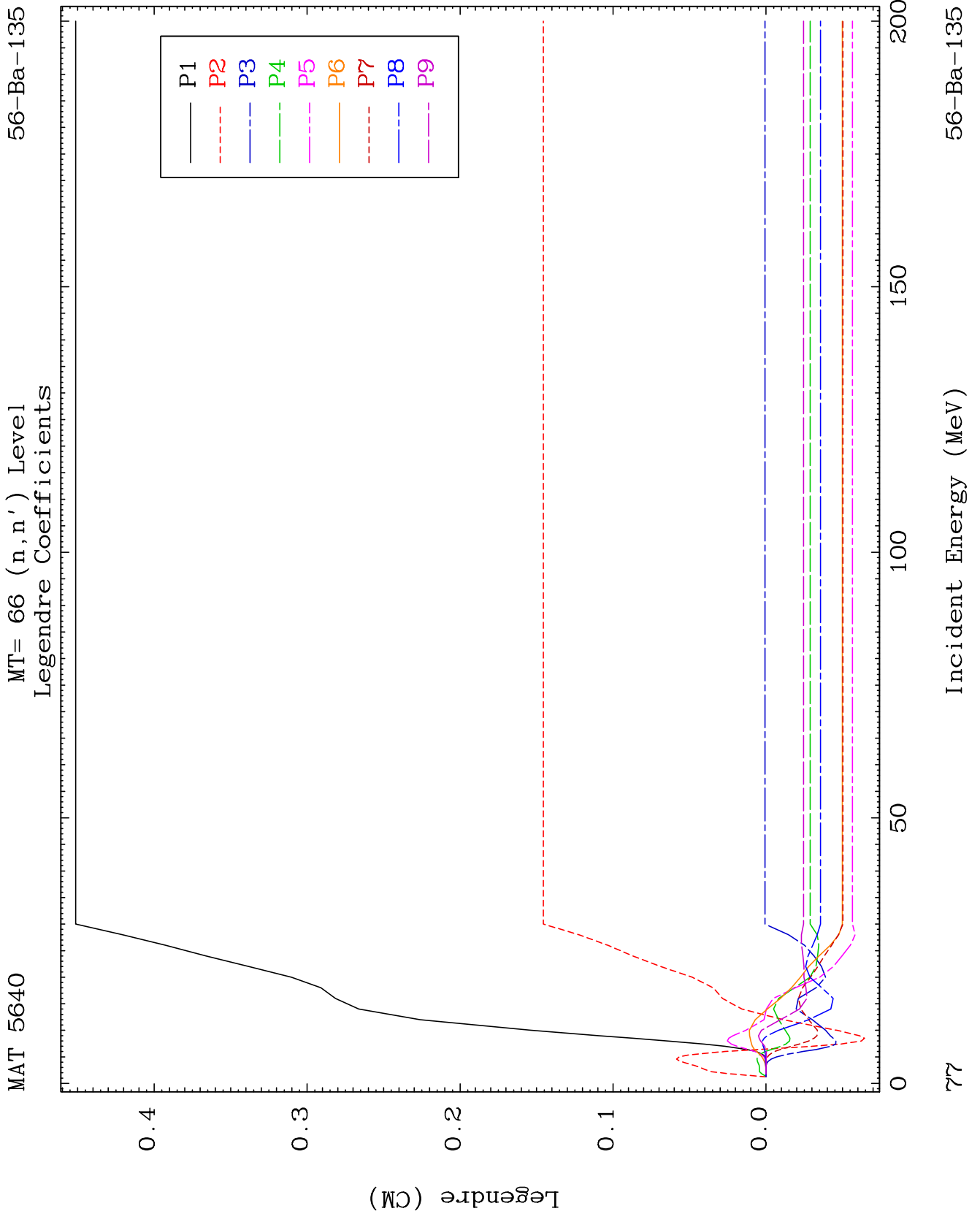
56-Ba-135

MAT 5640

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

56-Ba-135

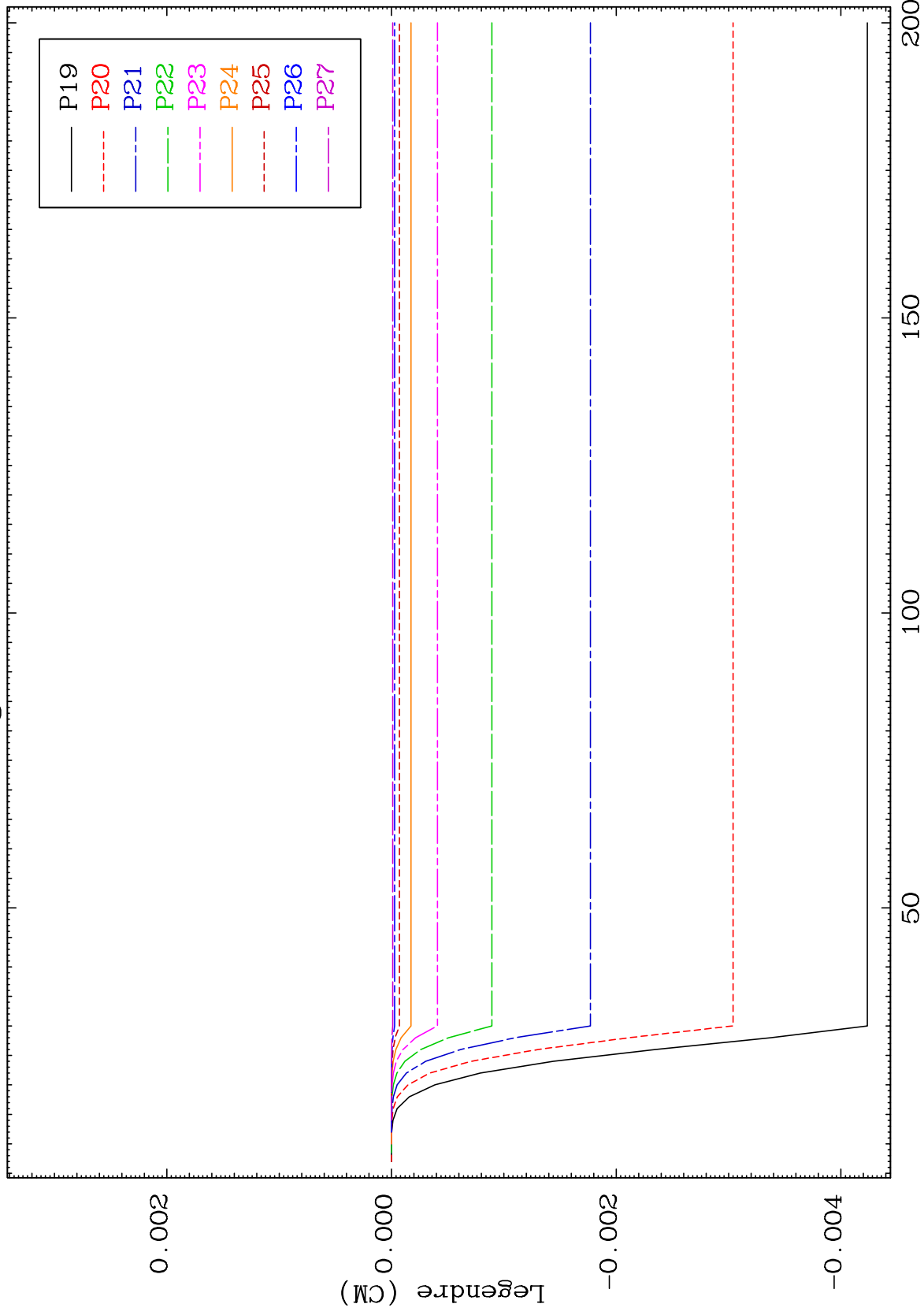




MAT 5640

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

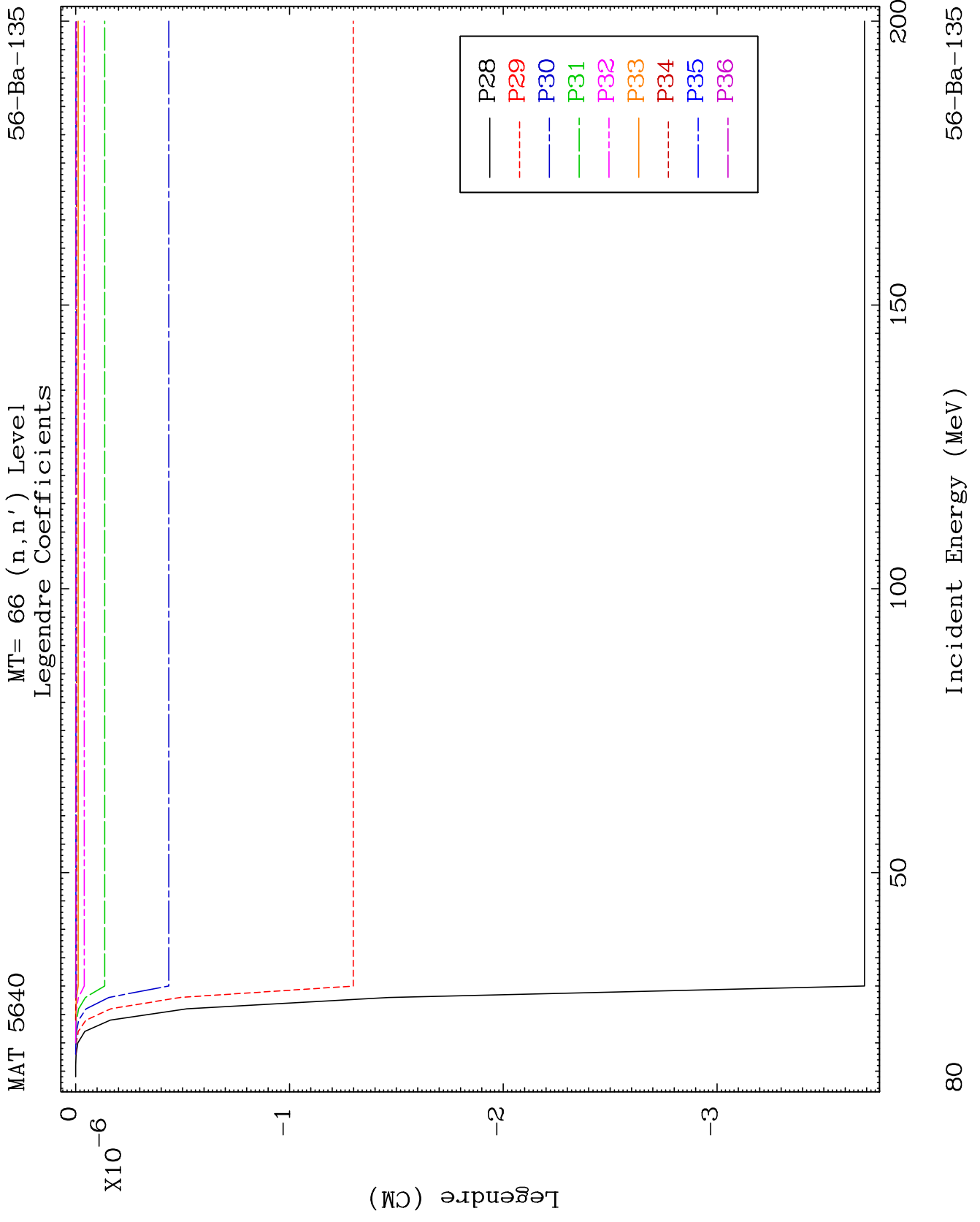
56-Ba-135

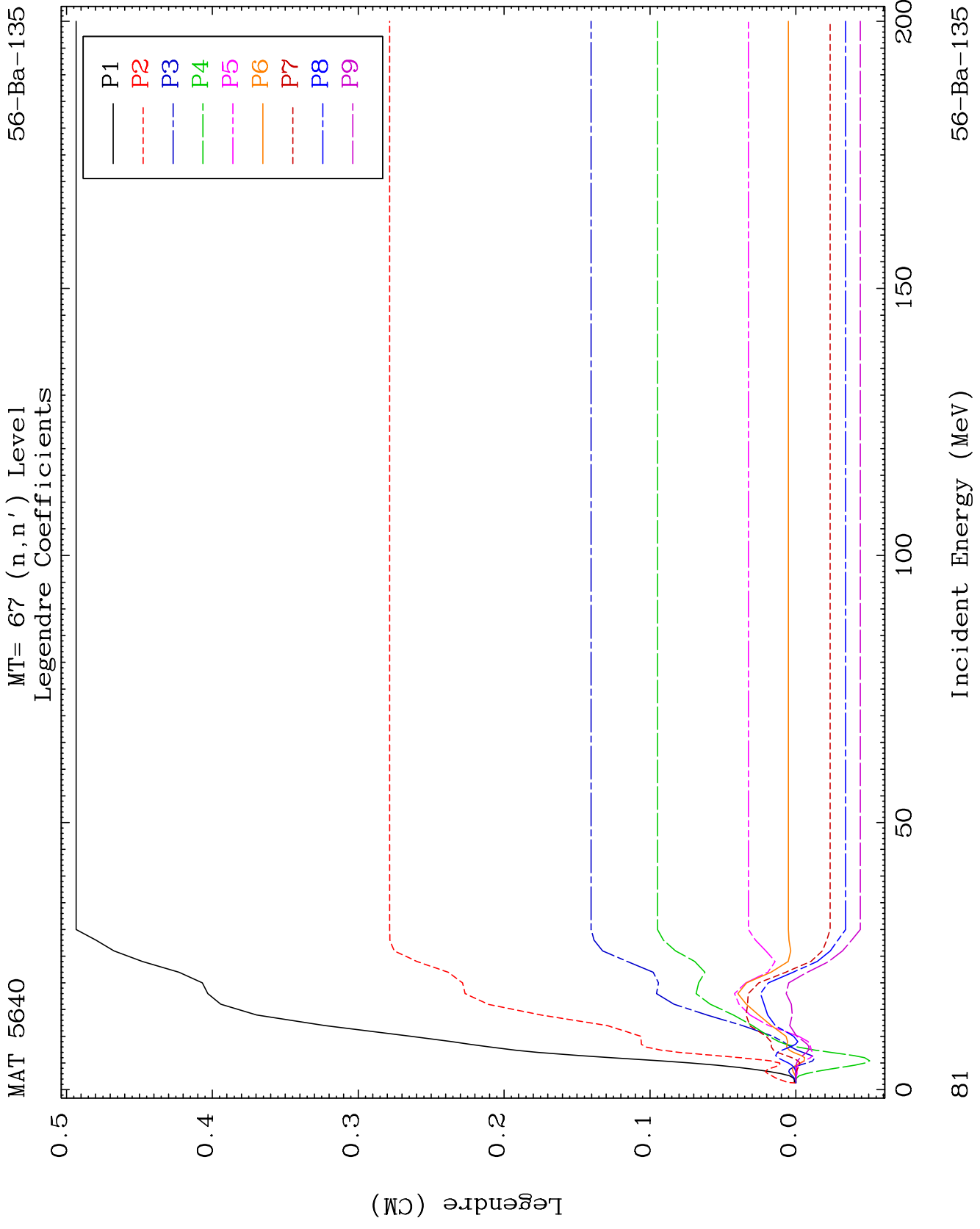


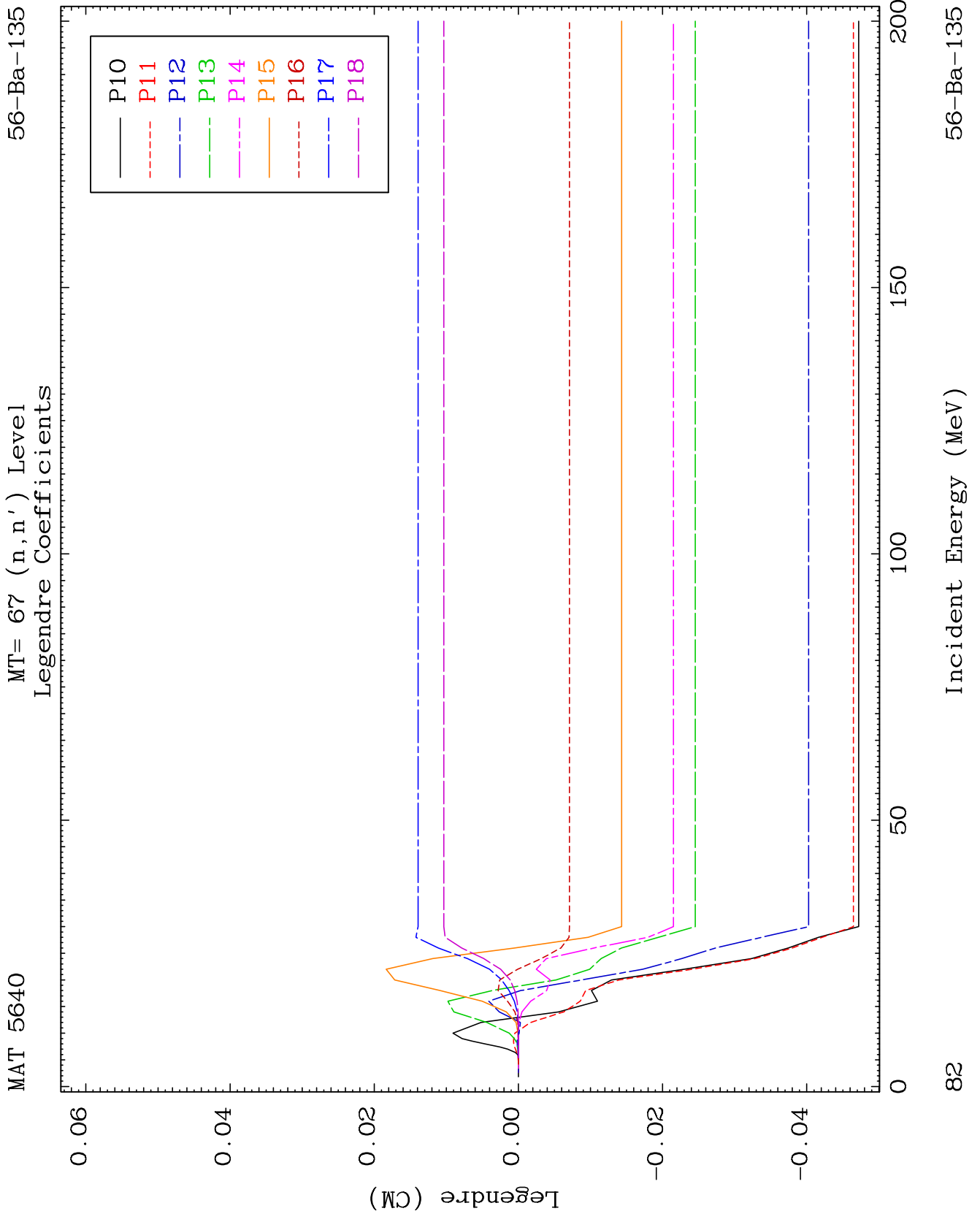
79

Incident Energy (MeV)

56-Ba-135



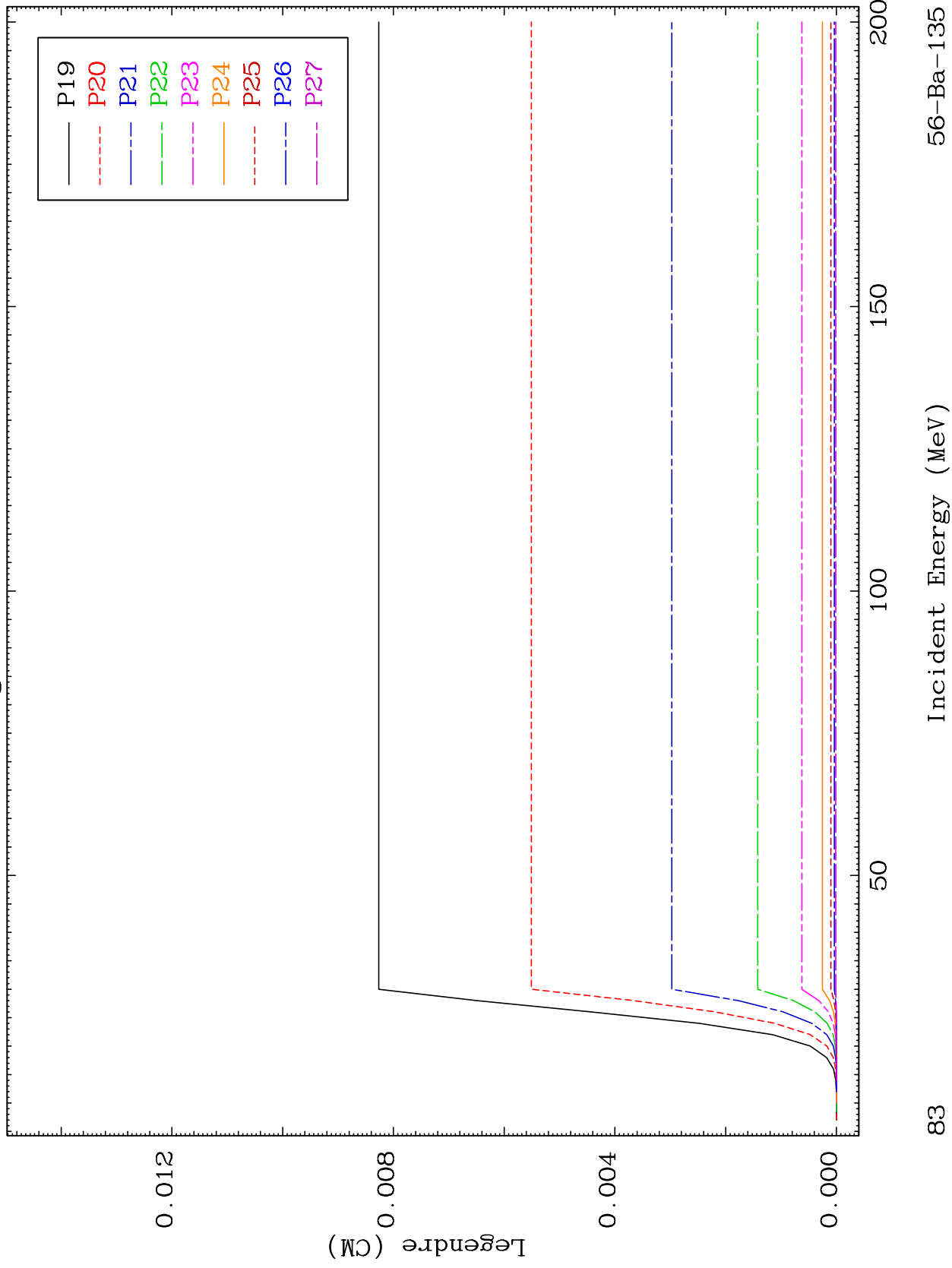




MAT 5640

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

56-Ba-135



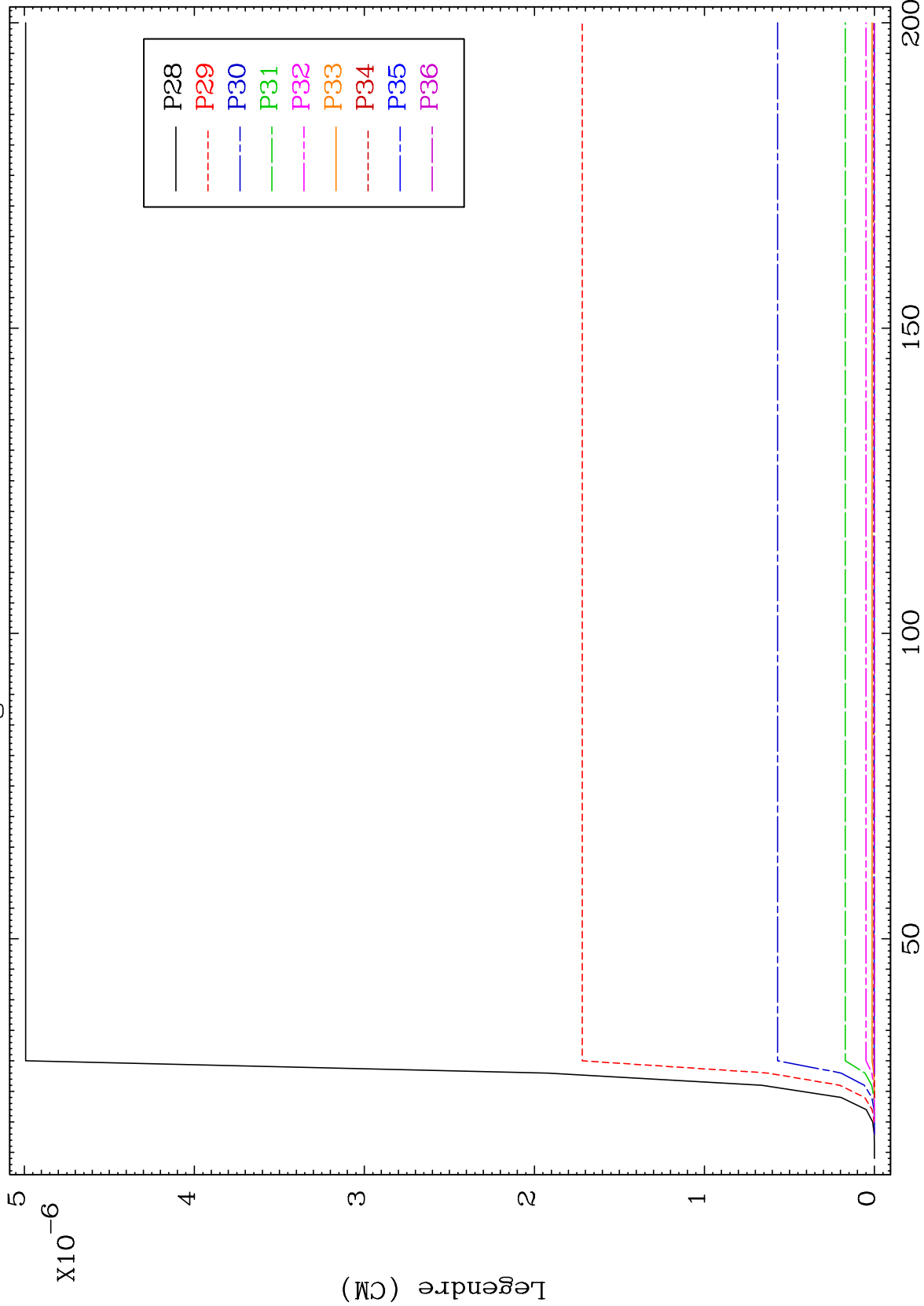
83

56-Ba-135

MAT 5640

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

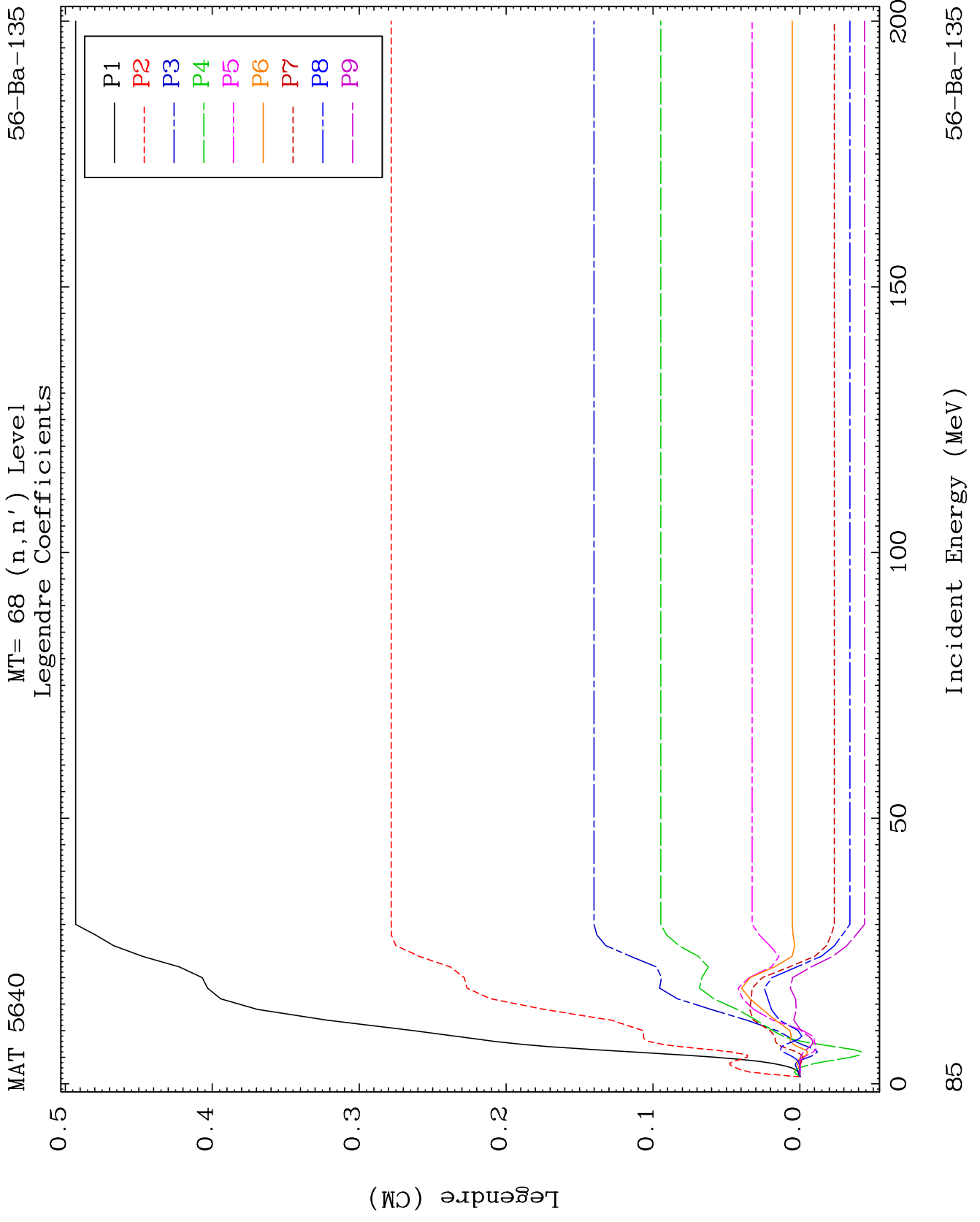
56-Ba-135

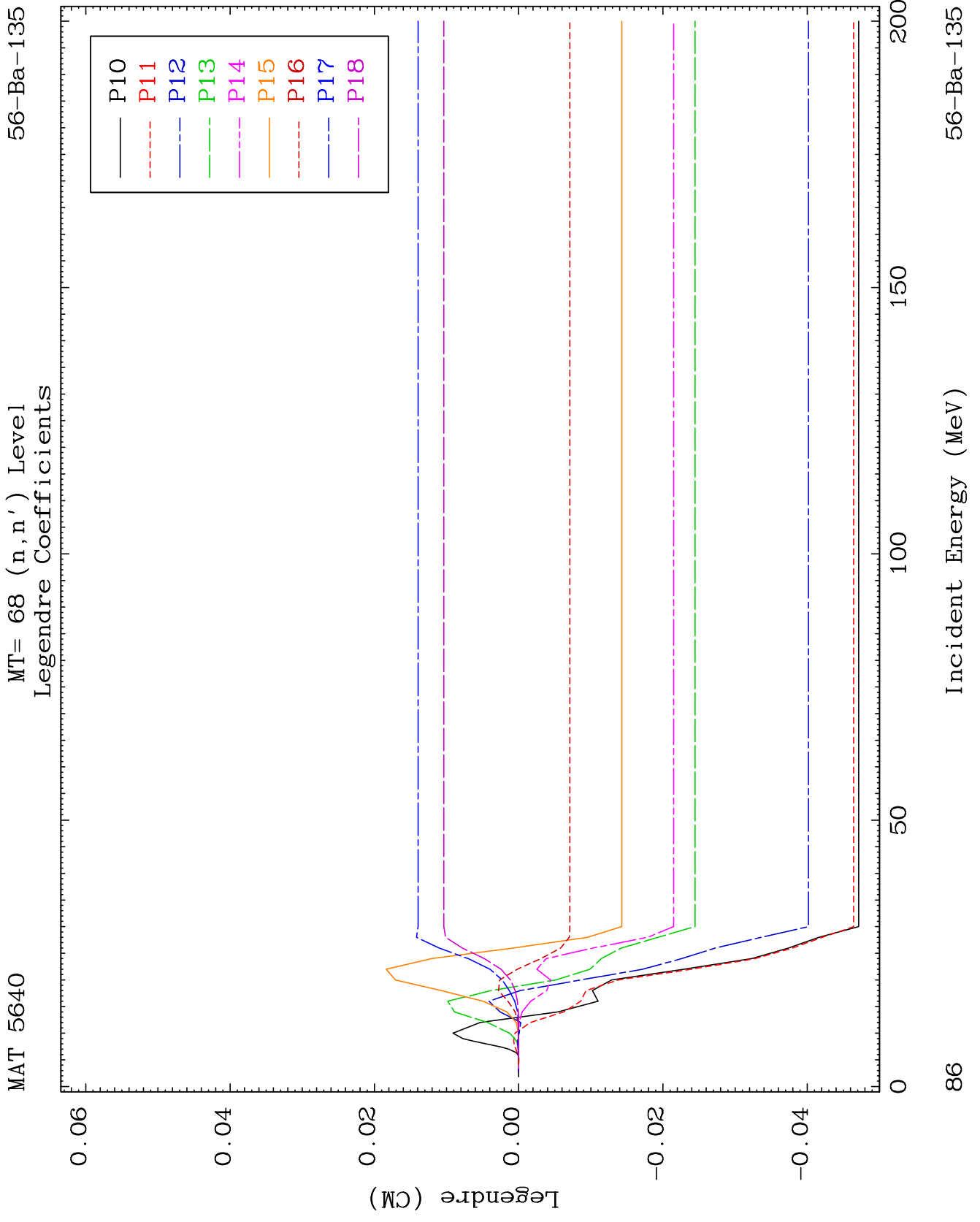


56-Ba-135

Incident Energy (MeV)

84

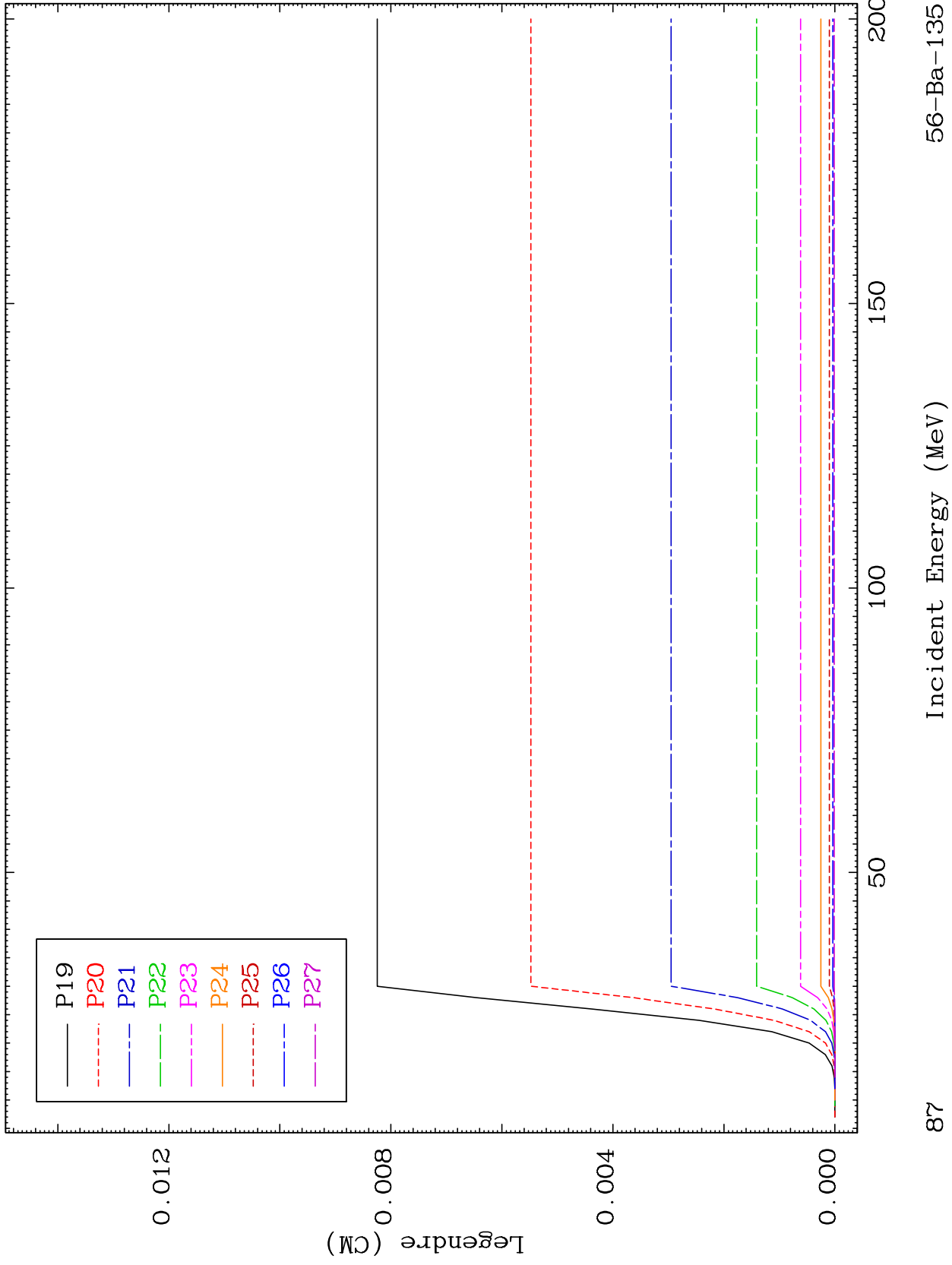




MAT 5640

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

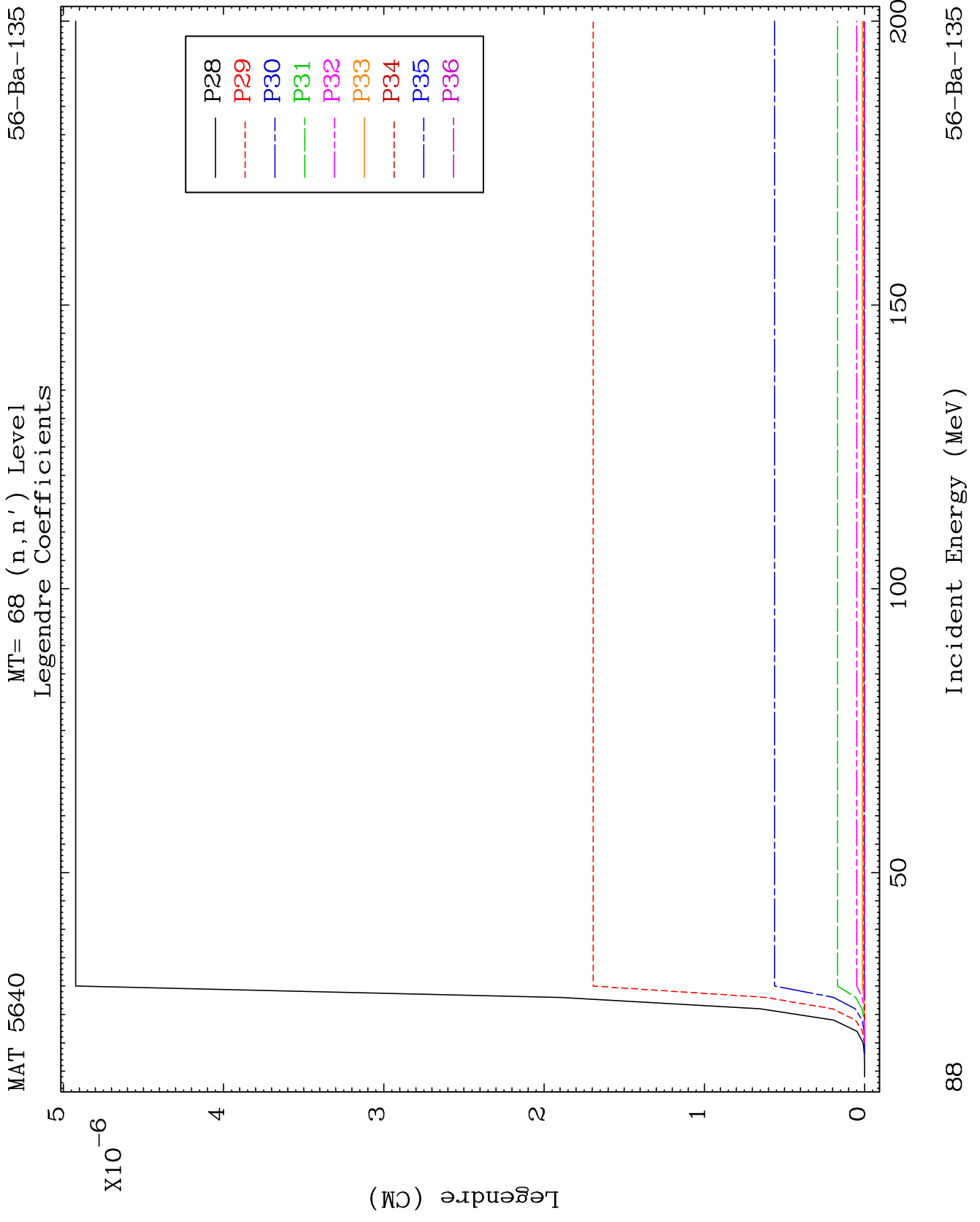
56-Ba-135

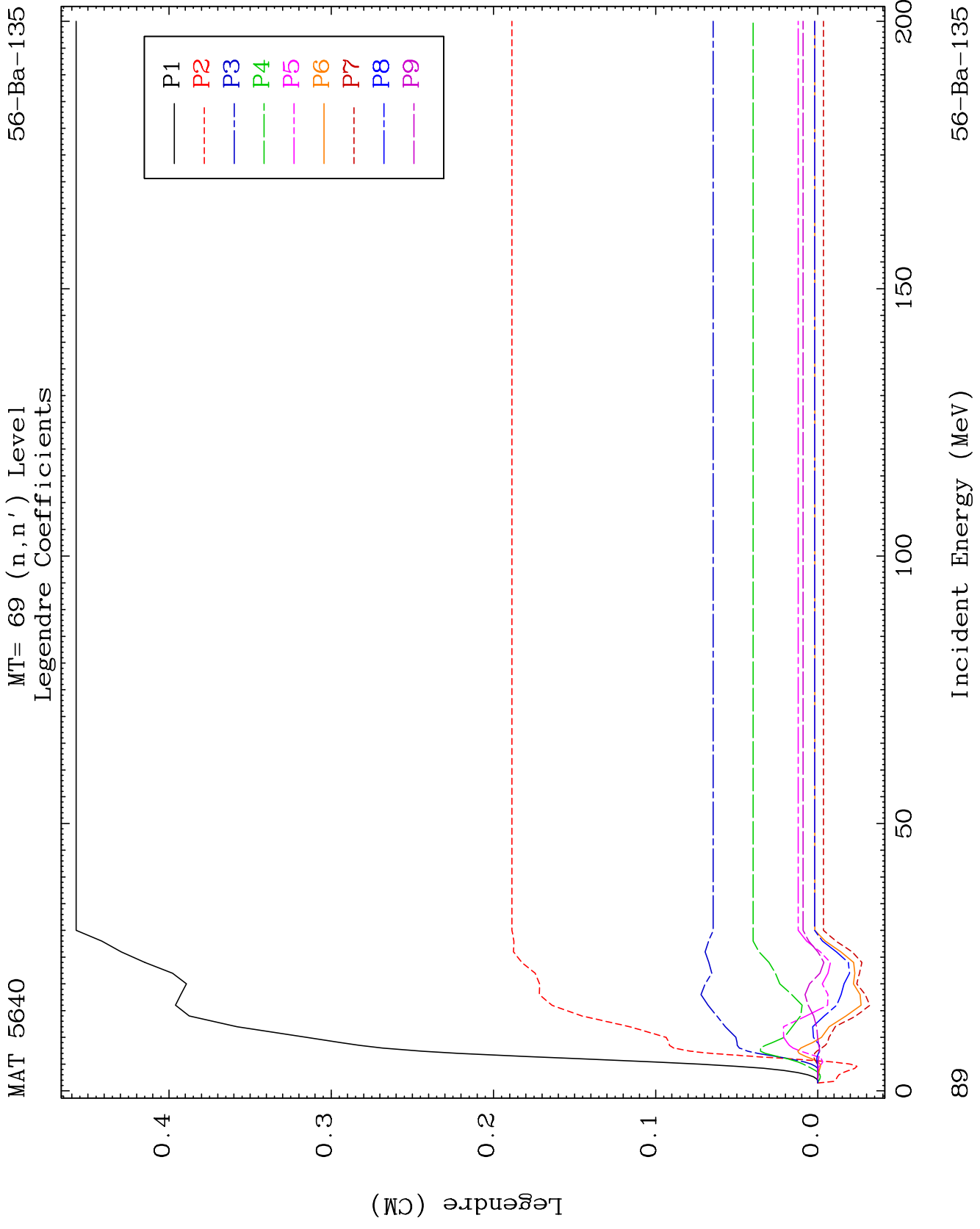


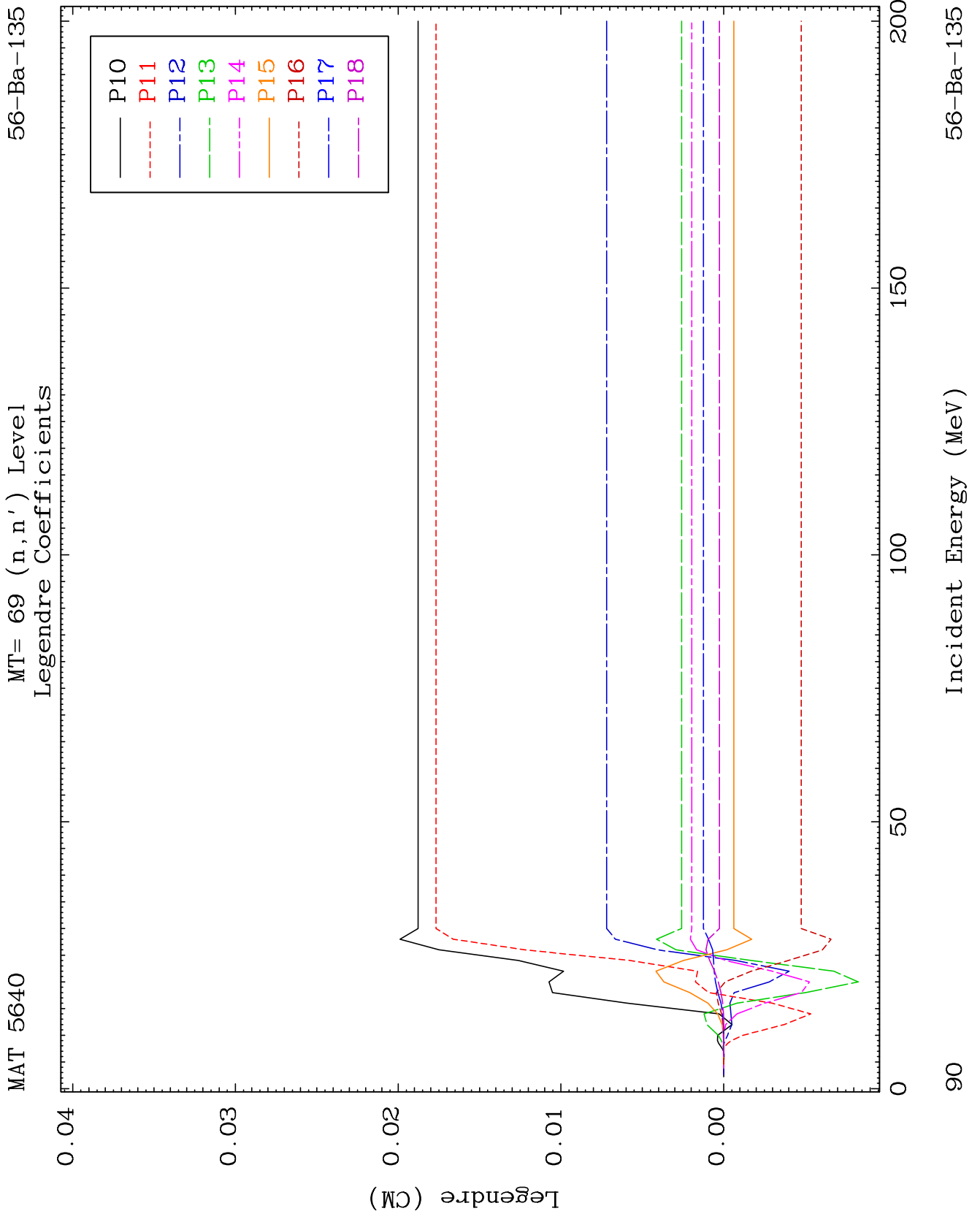
87

Incident Energy (MeV)

56-Ba-135



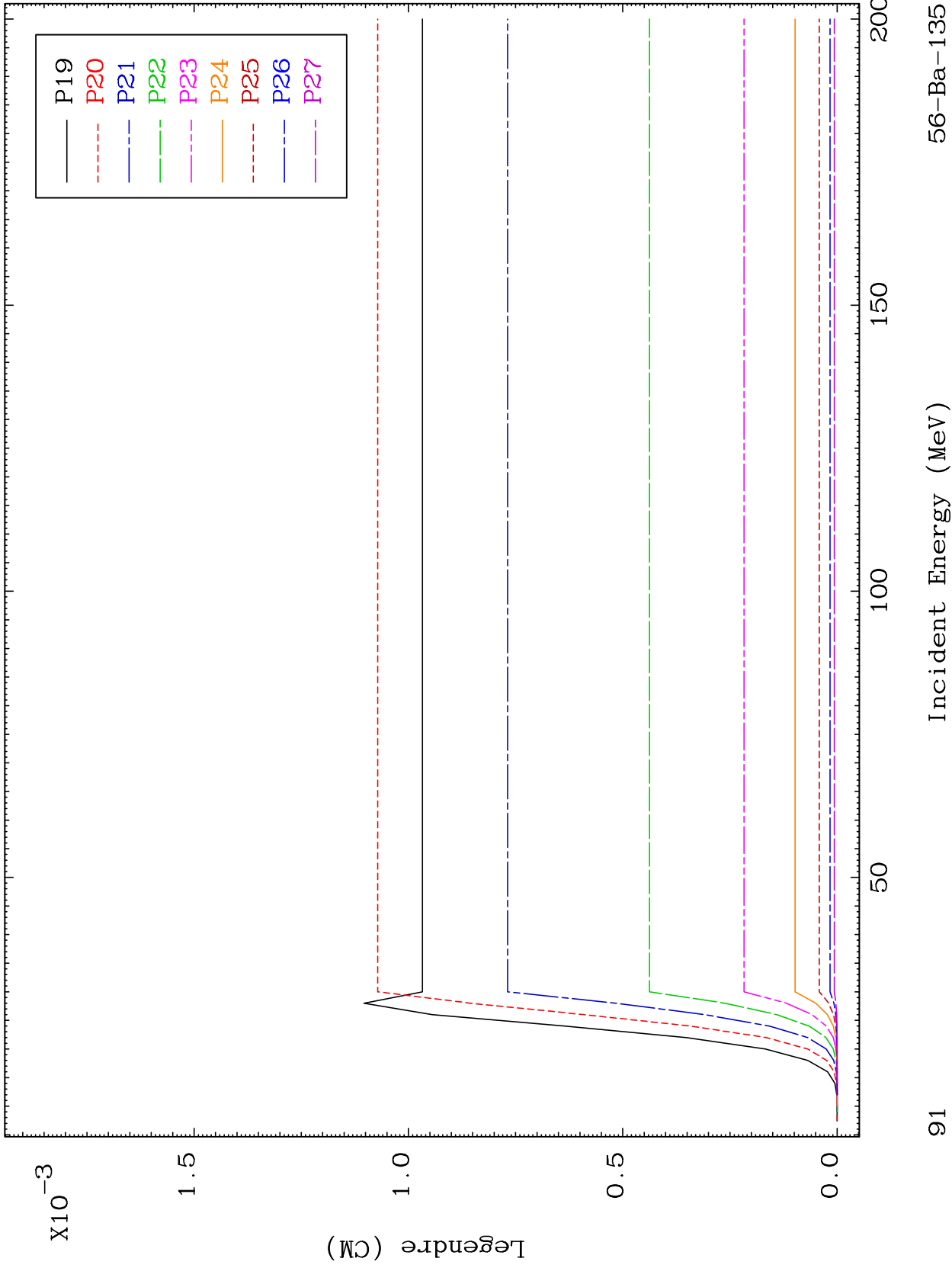




MAT 5640

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

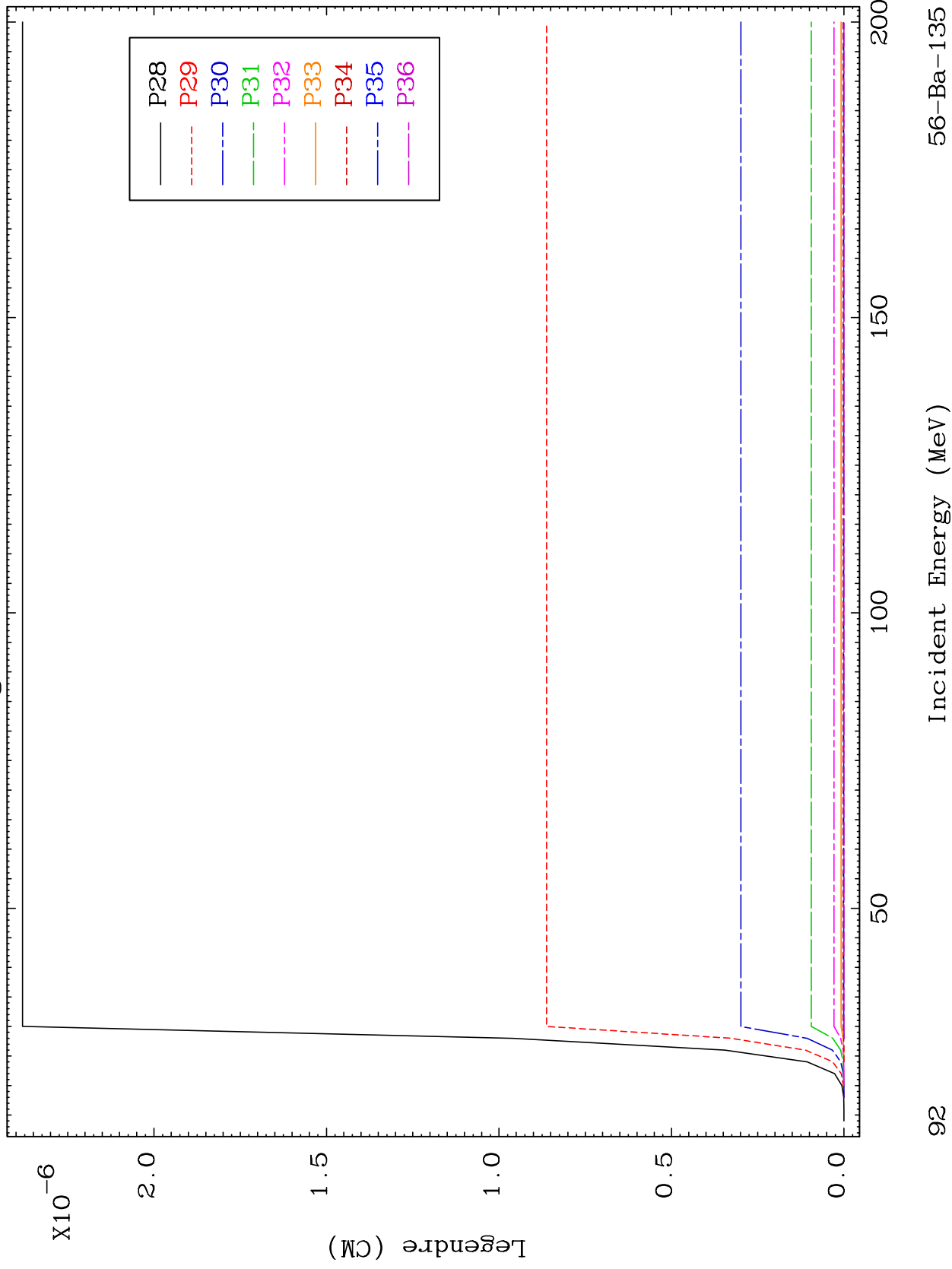
56-Ba-135



MAT 5640

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

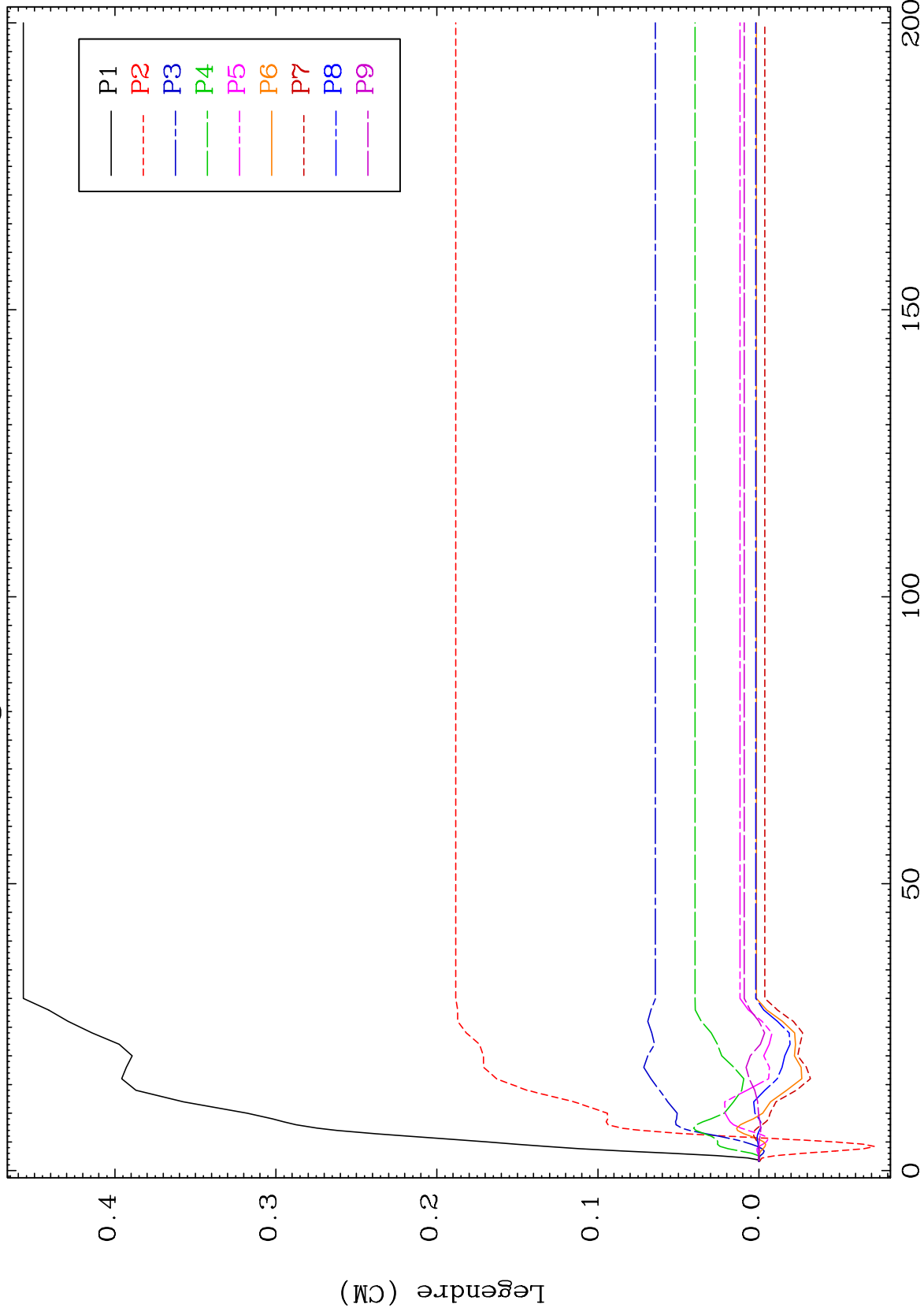
56-Ba-135



MAT 5640

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

56-Ba-135



93

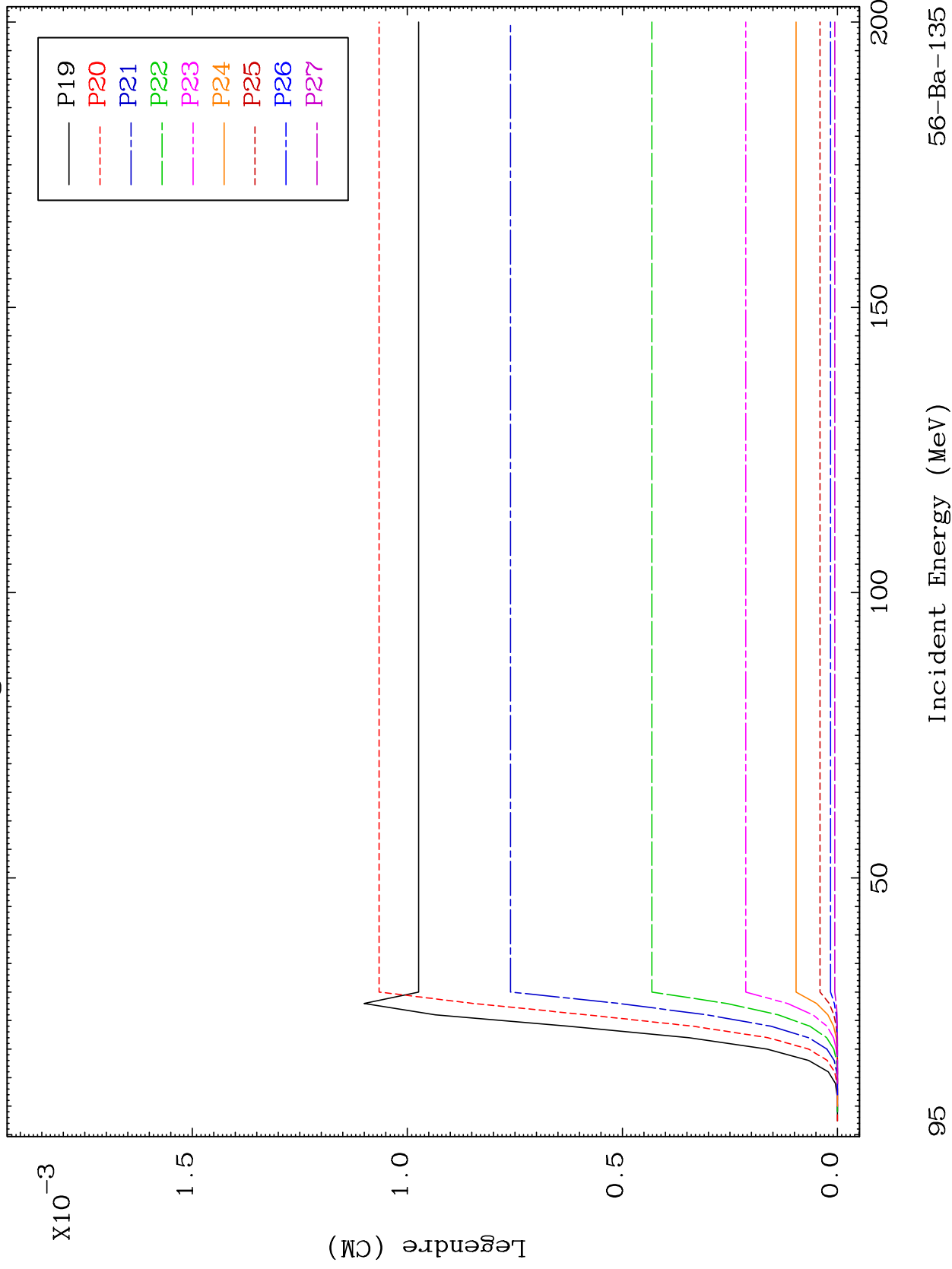
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

56-Ba-135



95

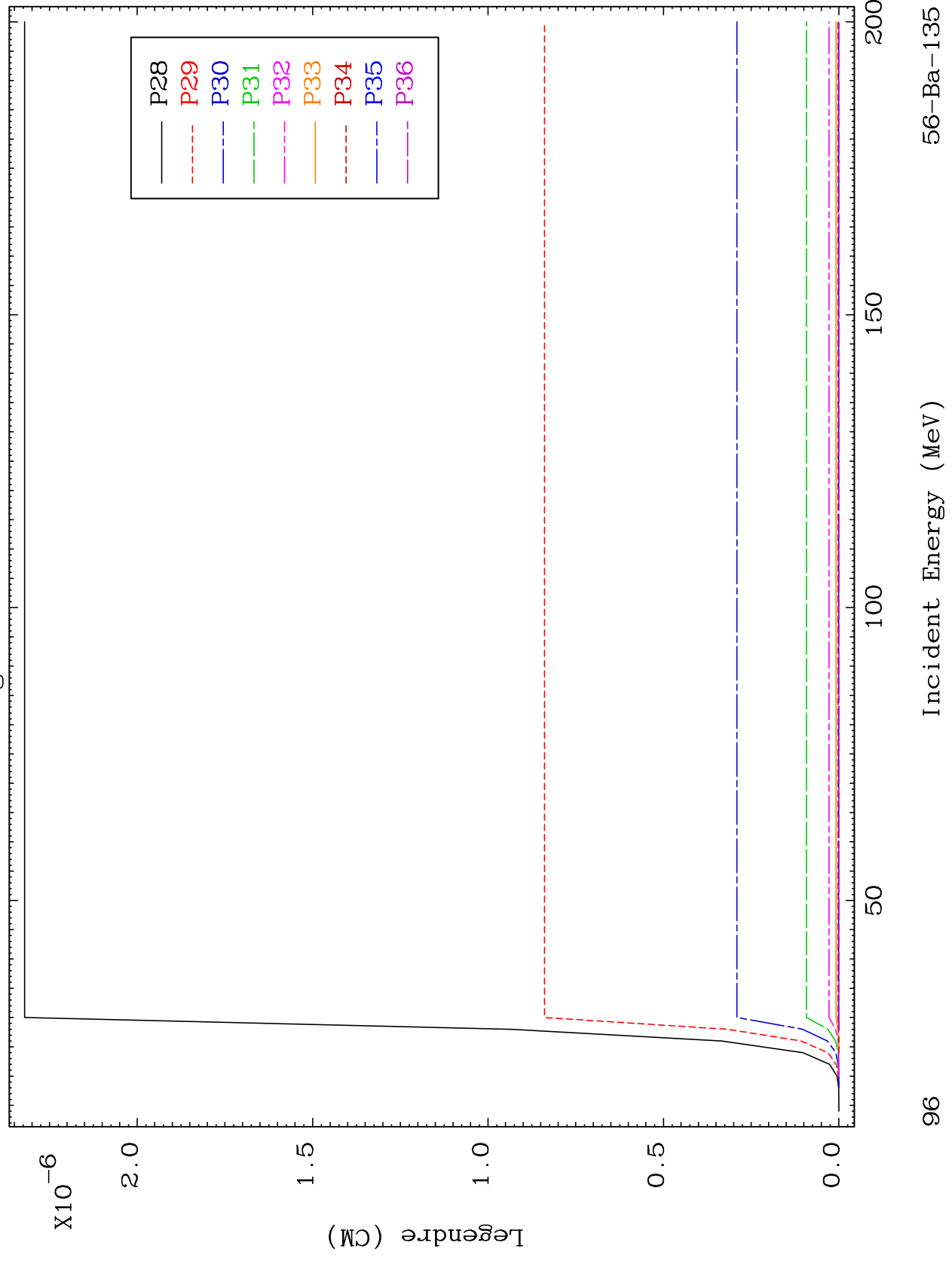
Incident Energy (MeV)

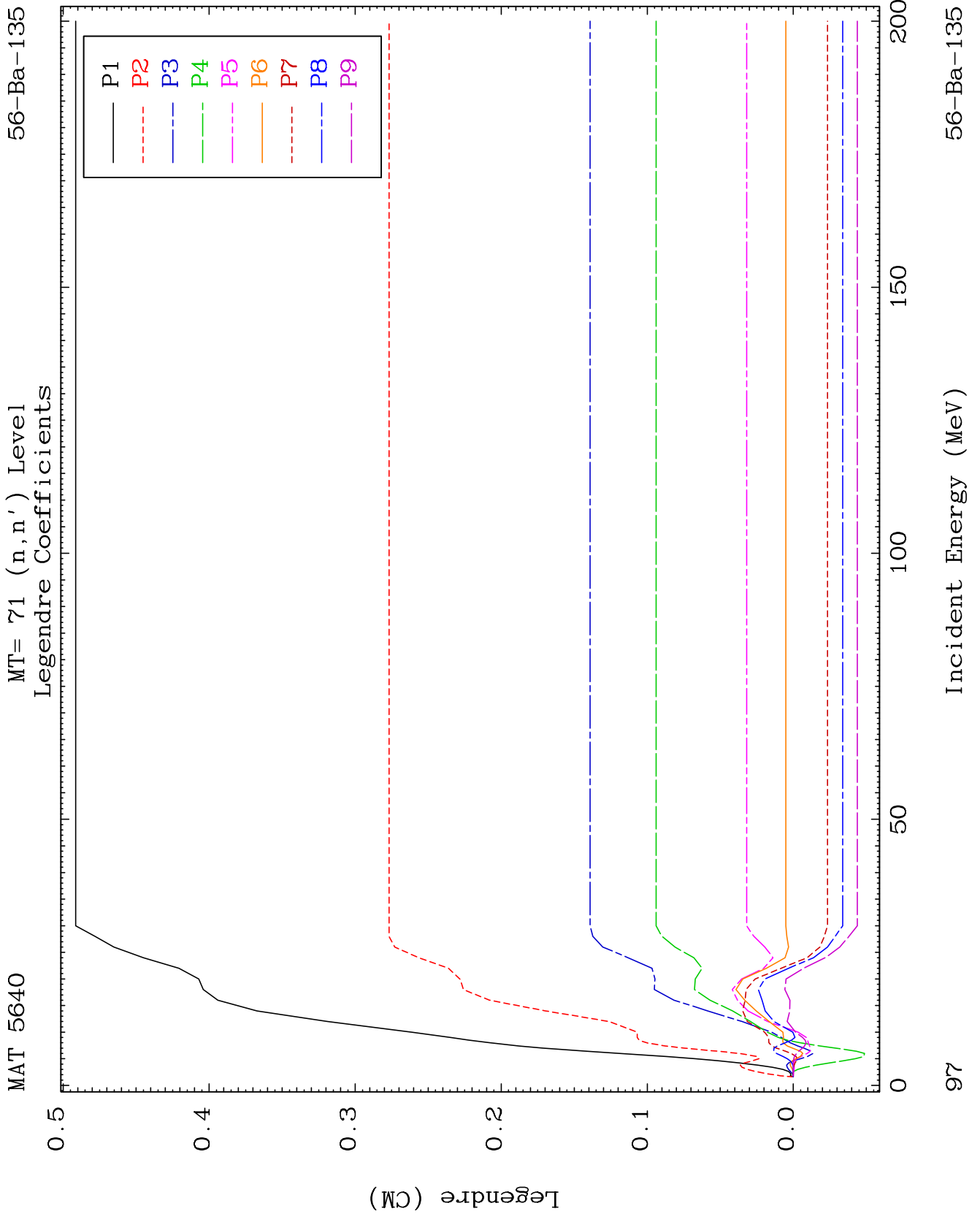
56-Ba-135

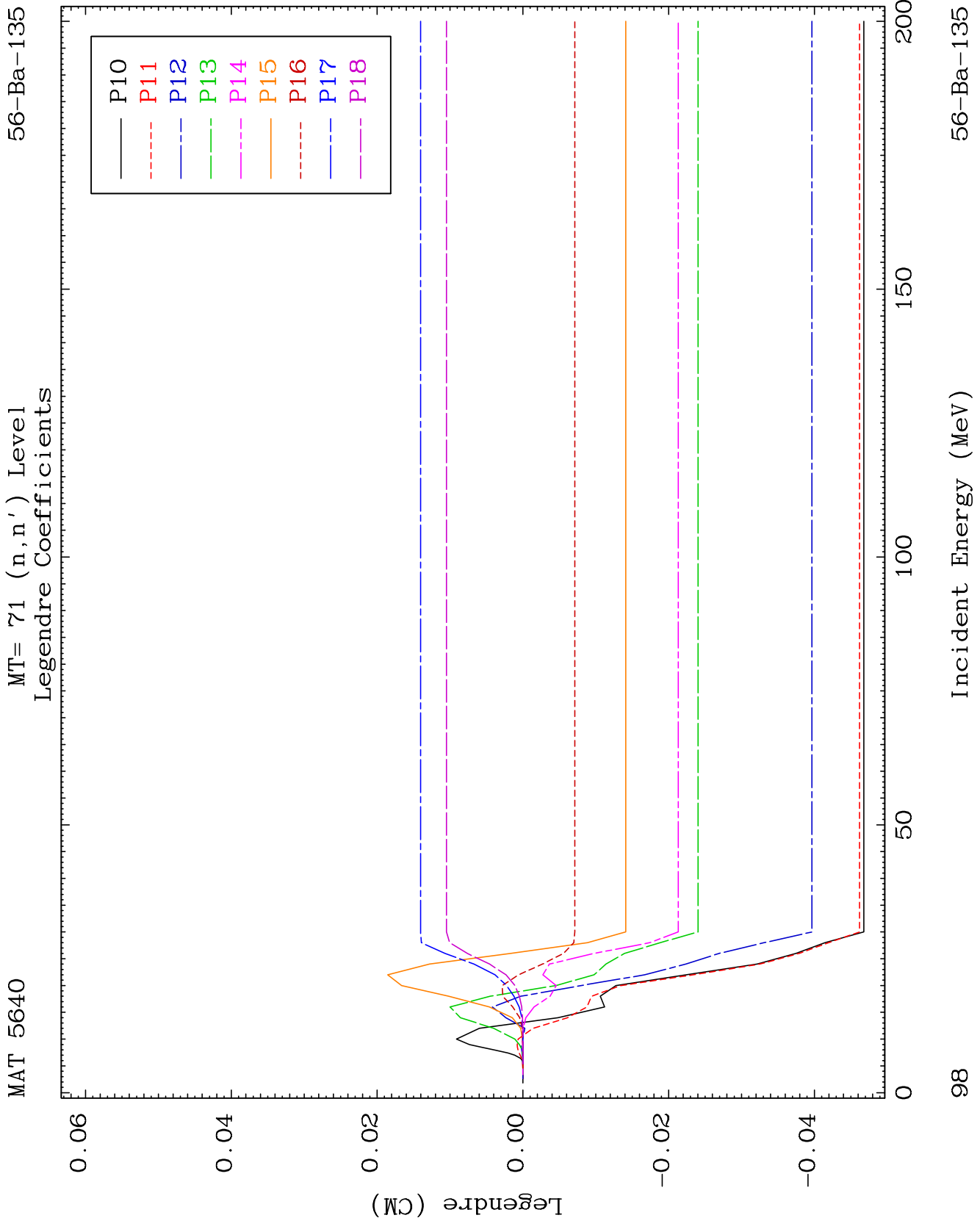
MAT 5640

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

56-Ba-135



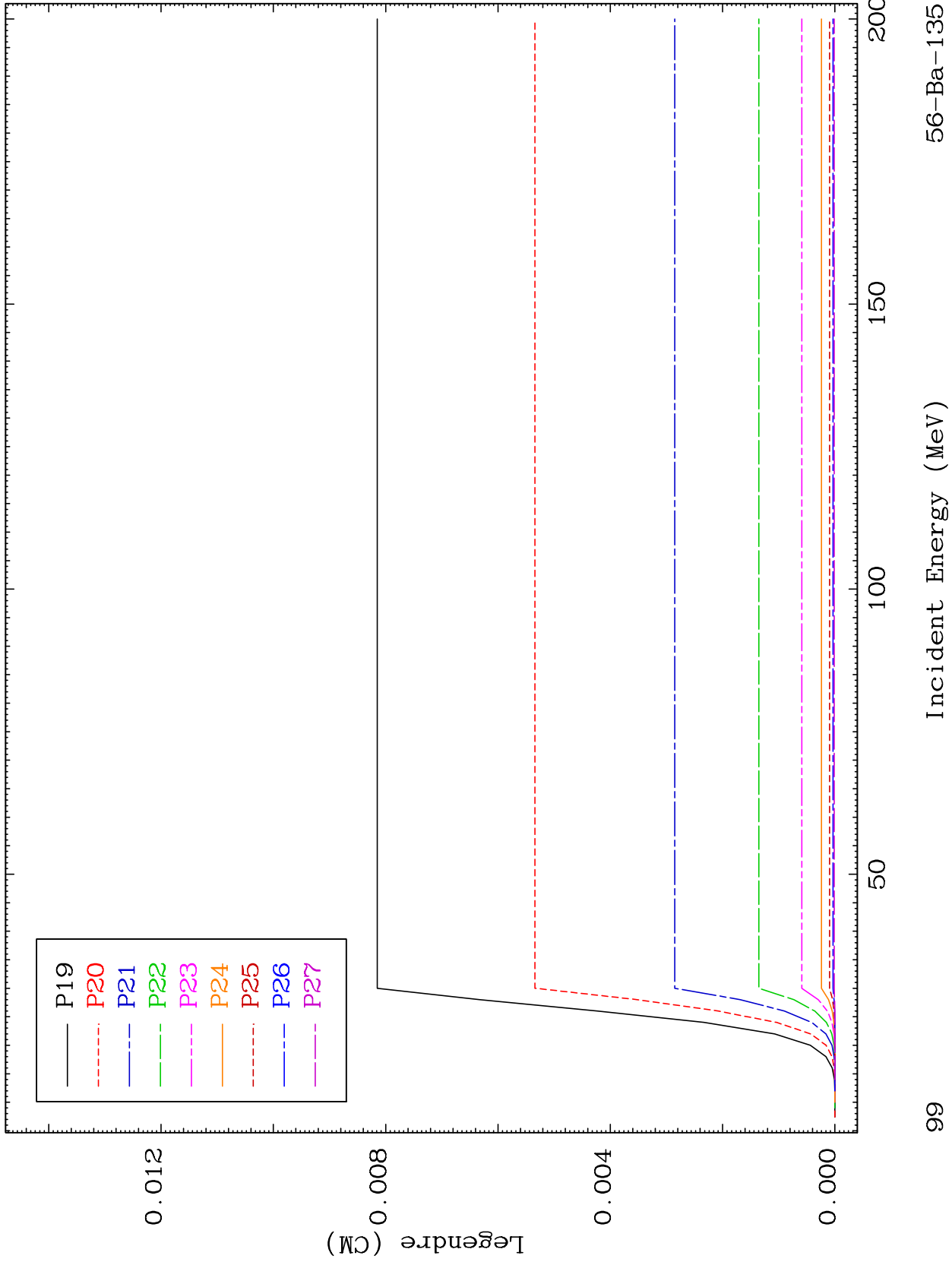




MAT 5640

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

56-Ba-135



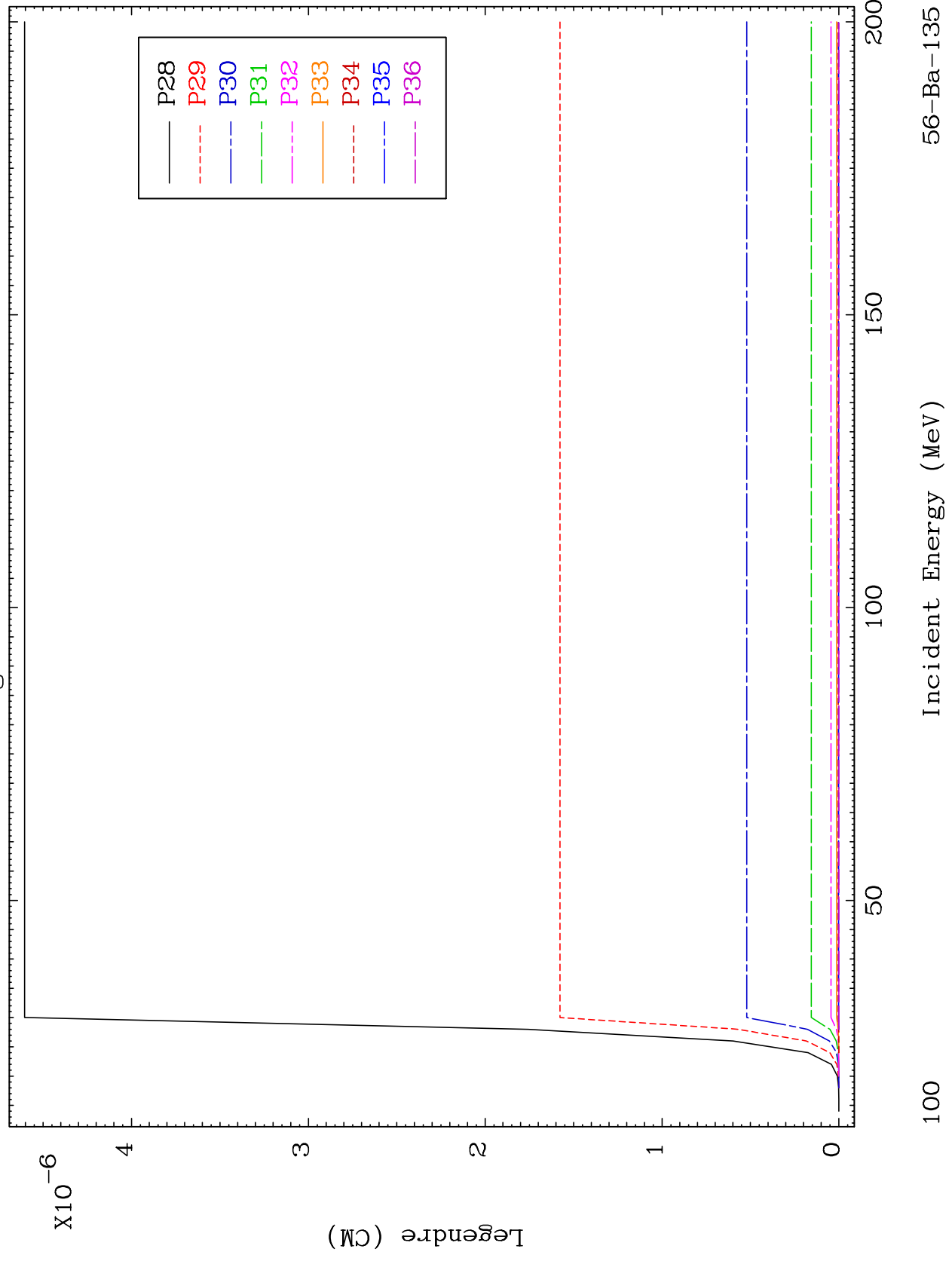
99

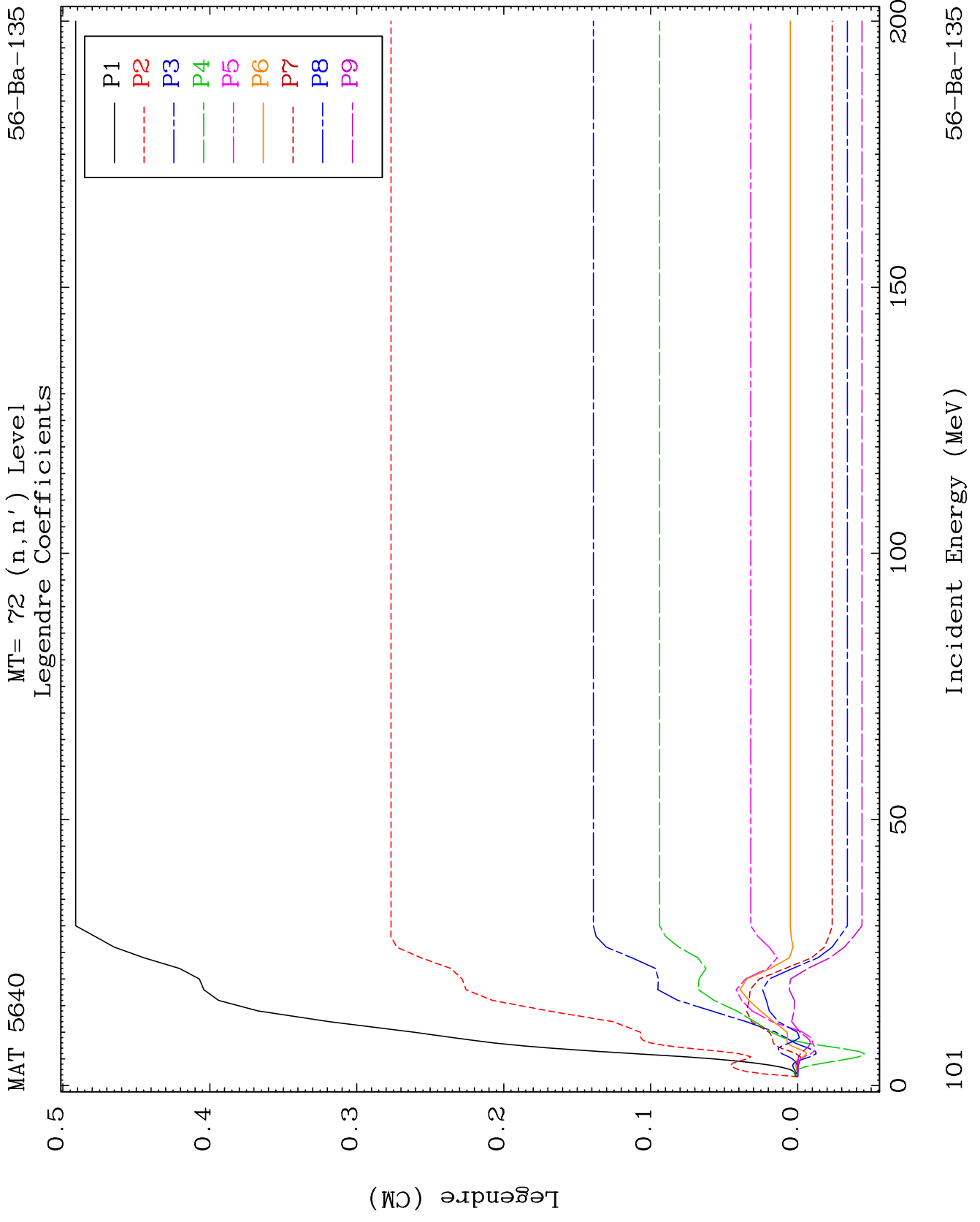
56-Ba-135

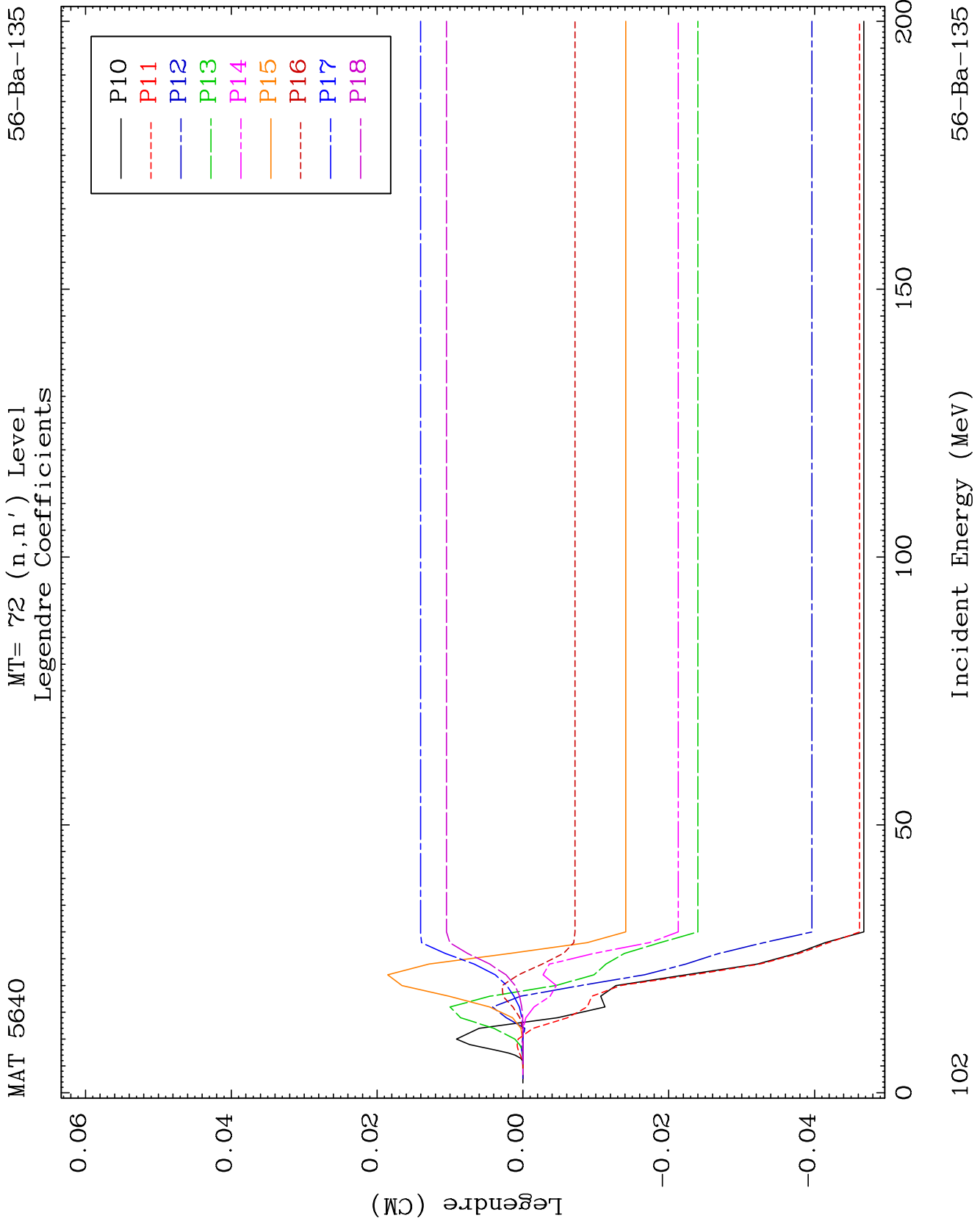
MAT 5640

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

56-Ba-135



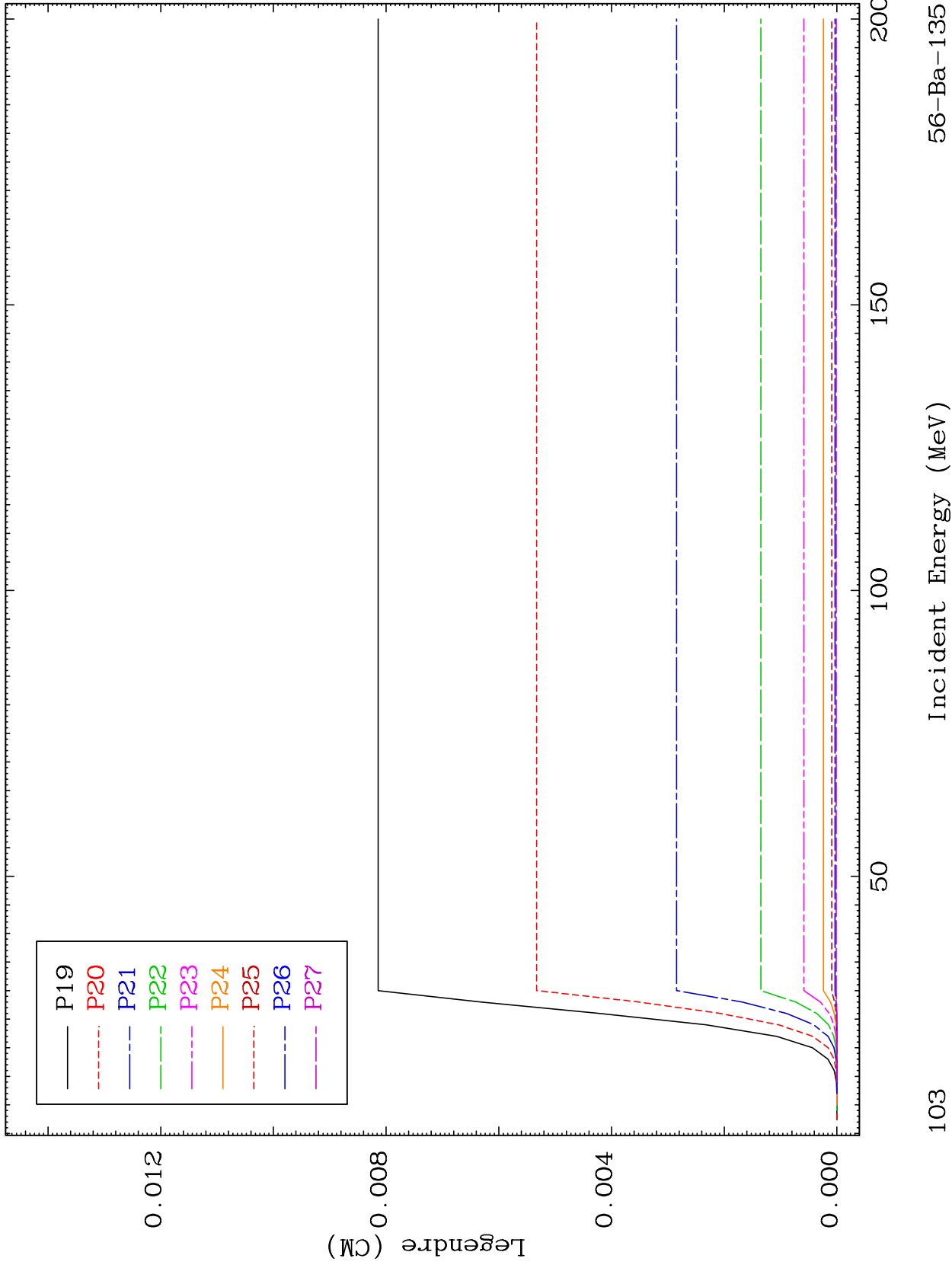




MAT 5640

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

56-Ba-135



103

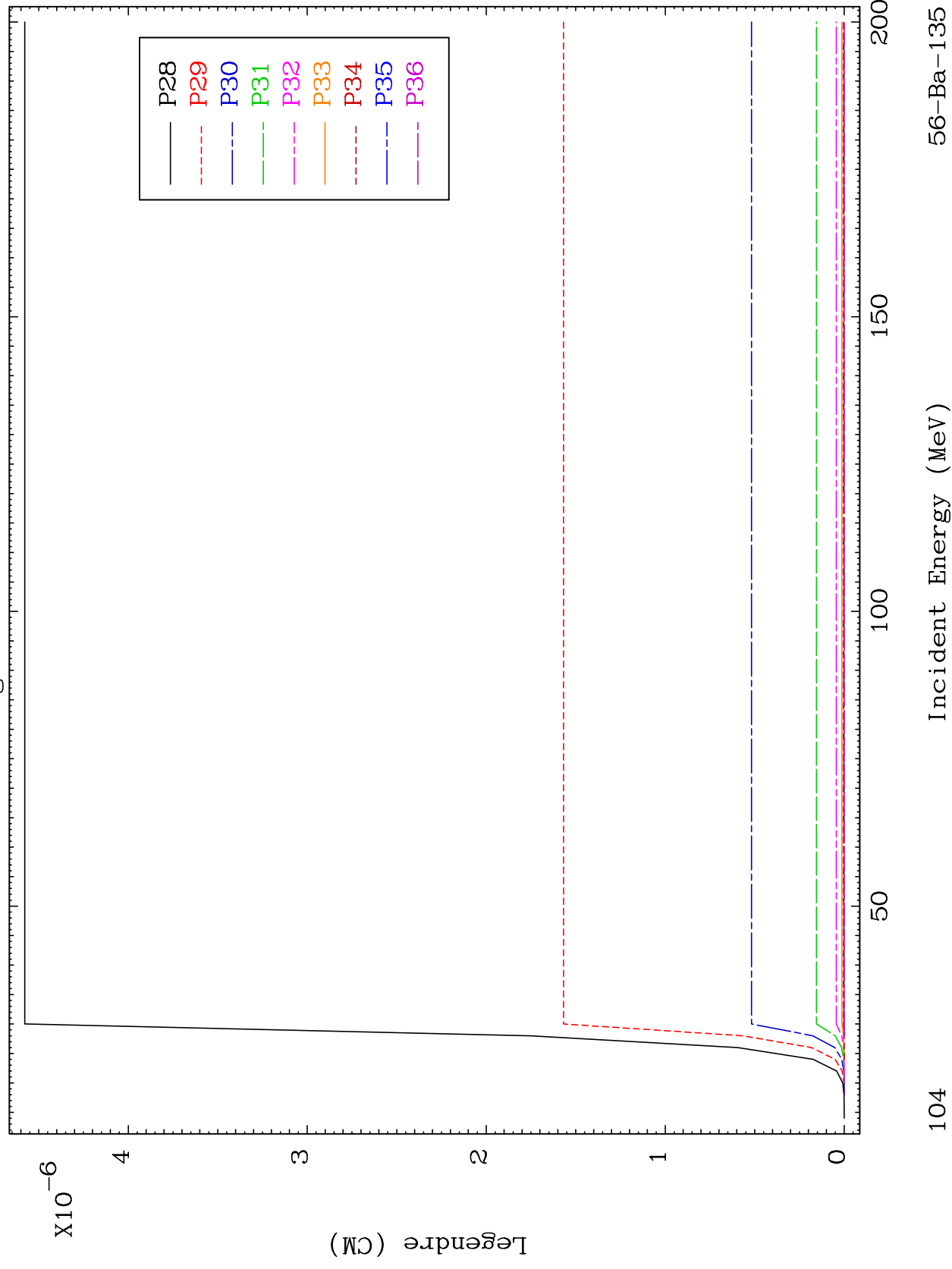
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

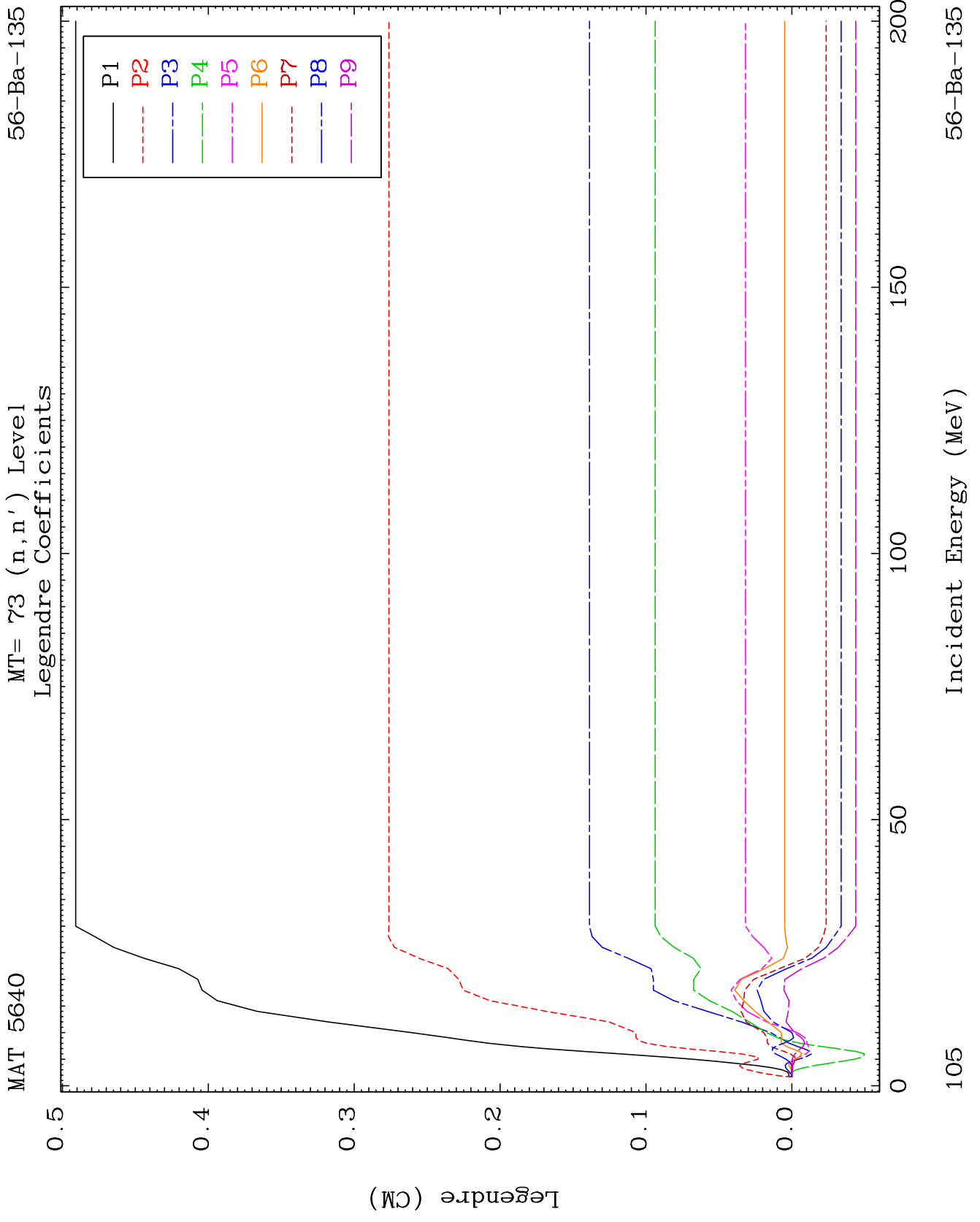
56-Ba-135



104

Incident Energy (MeV)

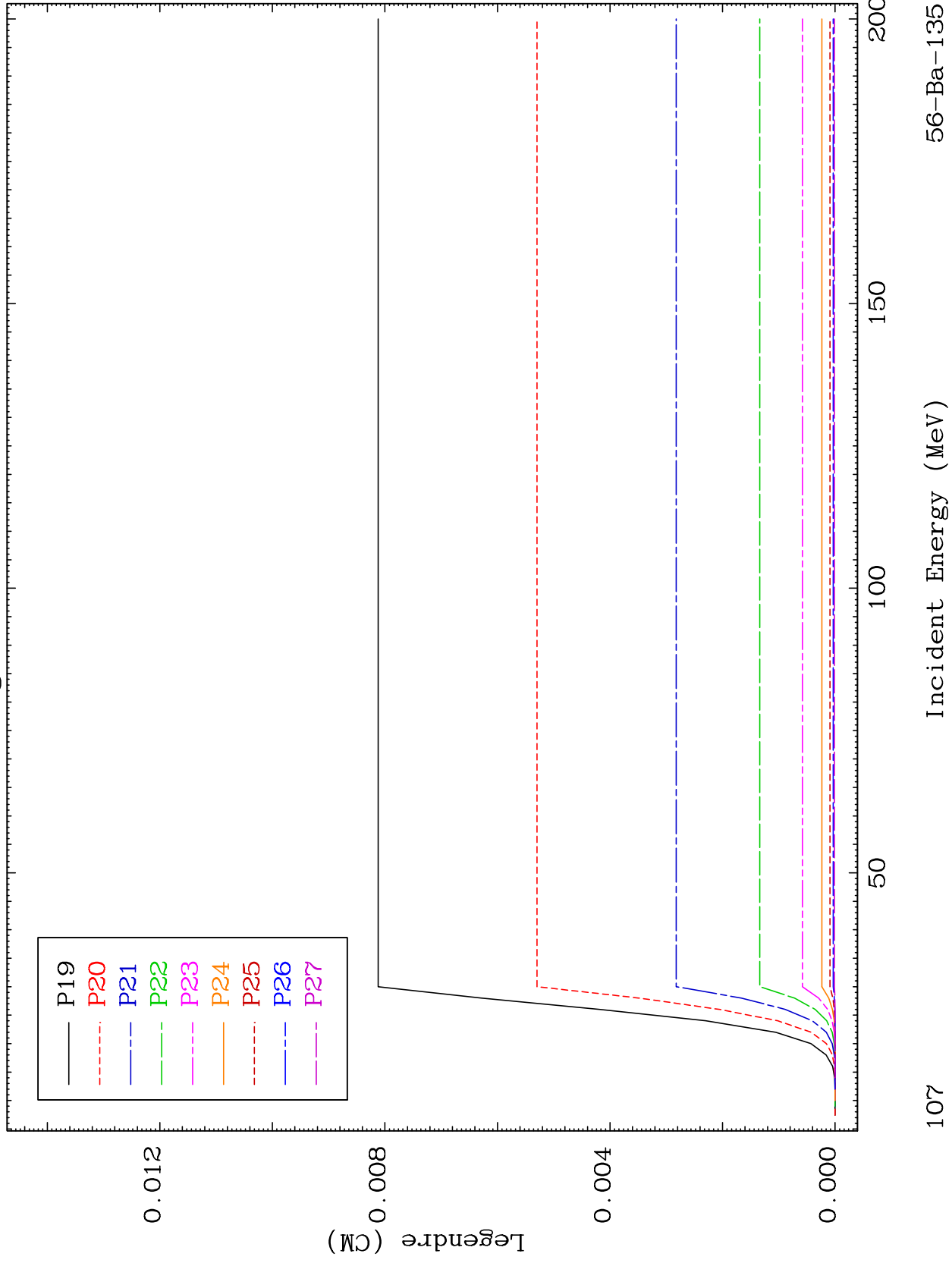
56-Ba-135



MAT 5640

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

56-Ba-135



107

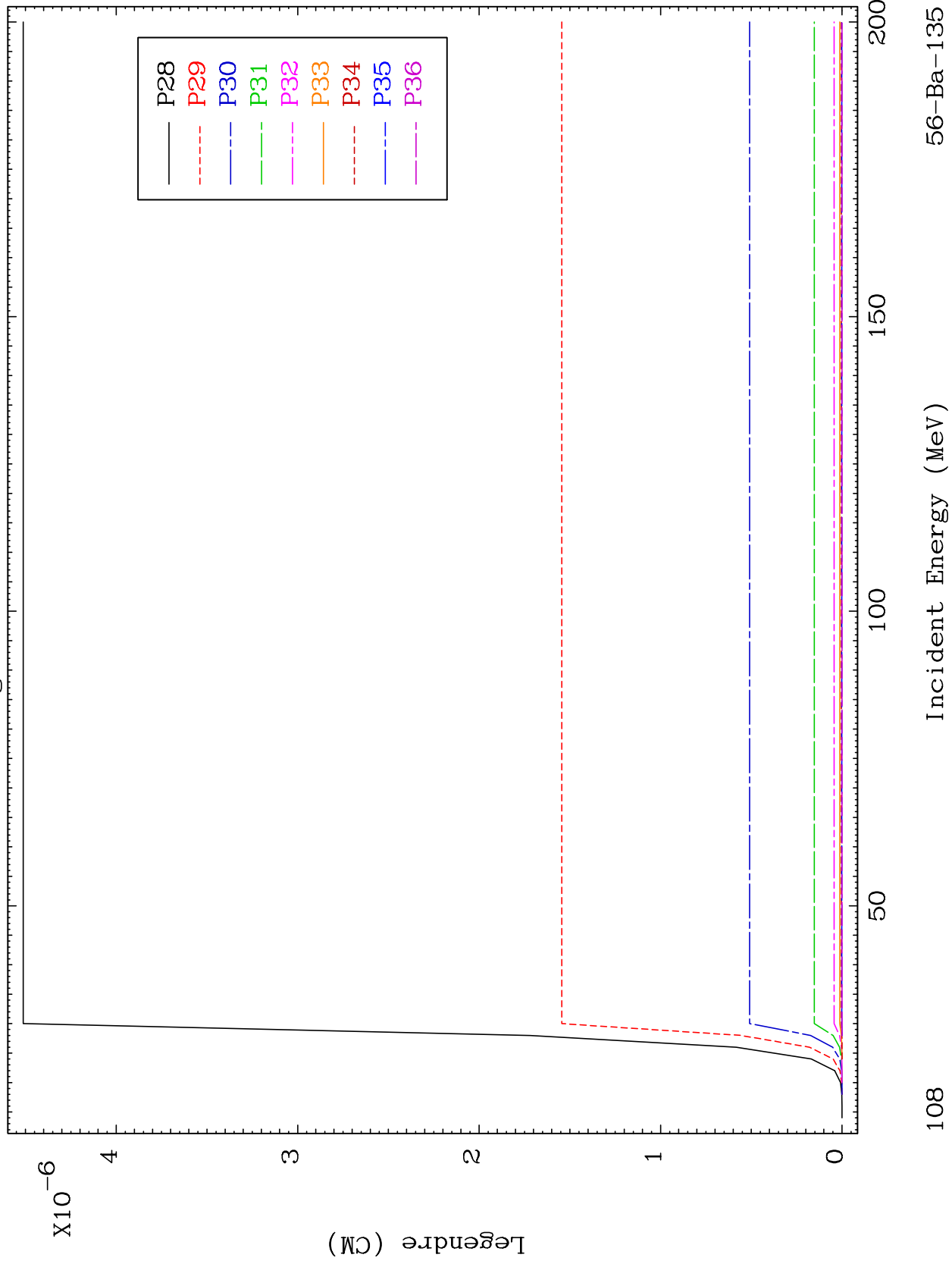
Incident Energy (MeV)

56-Ba-135

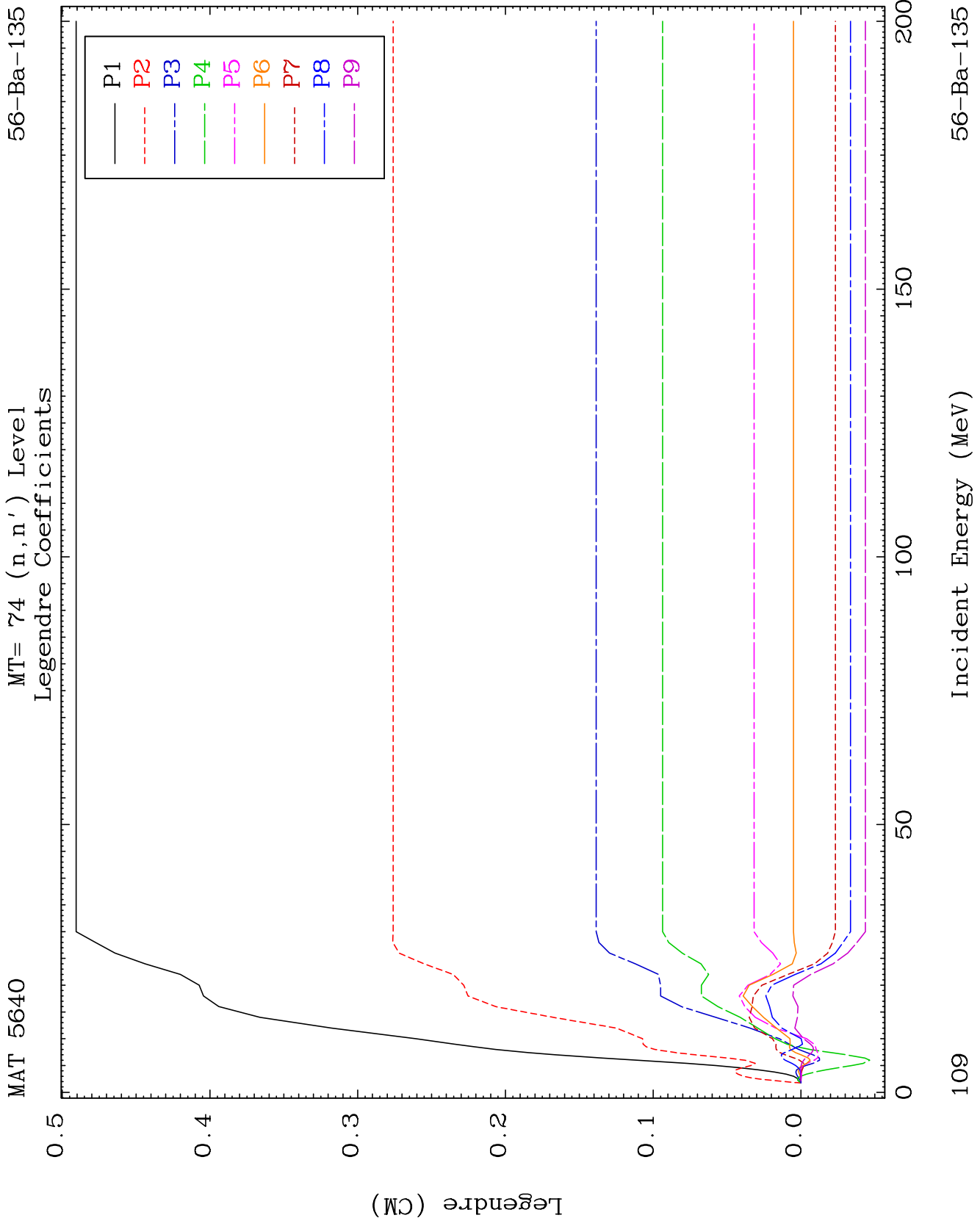
MAT 5640

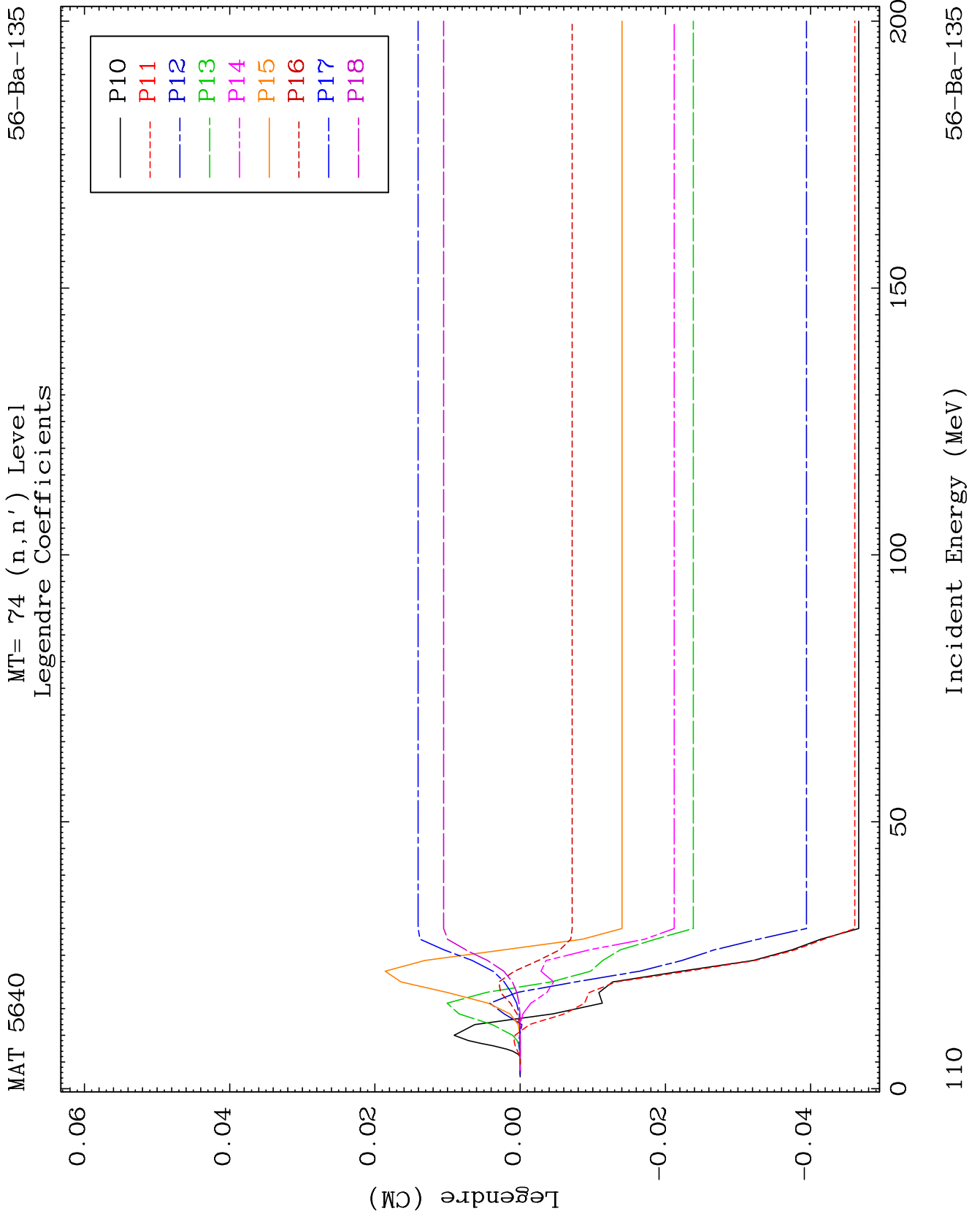
MT= 73 (n,n') Level
Legendre Coefficients

56-Ba-135



108

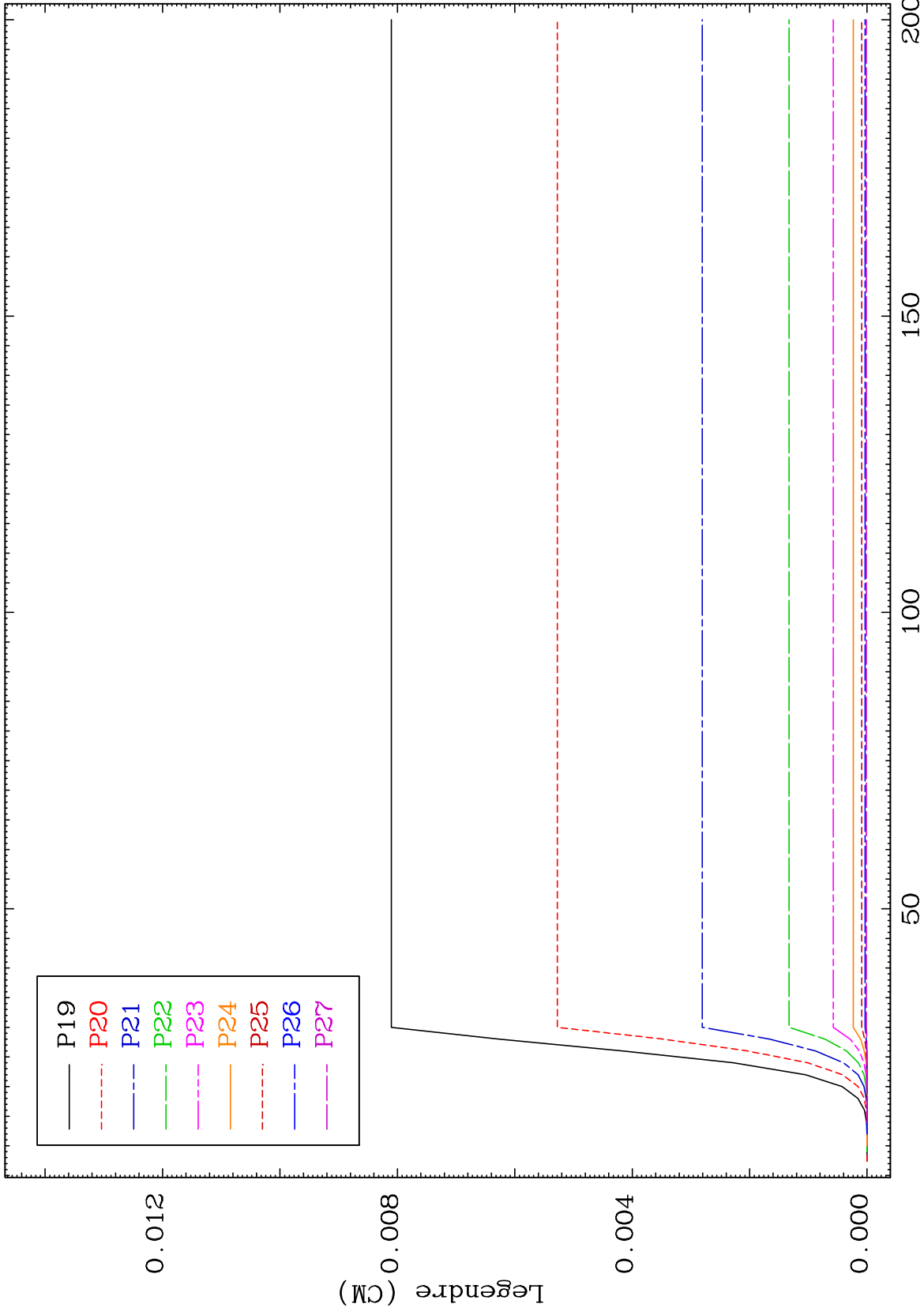




MAT 5640

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

56-Ba-135



111

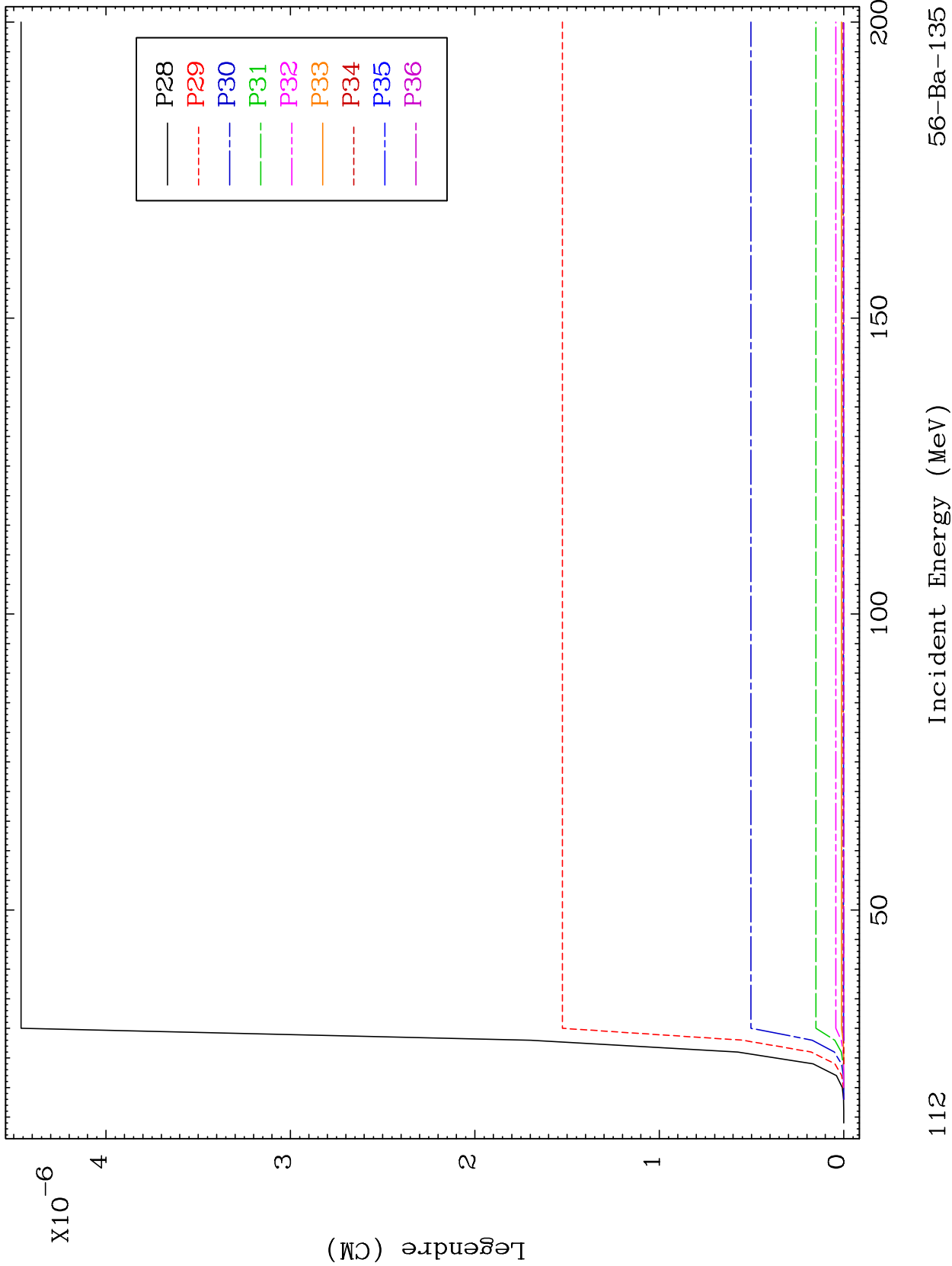
Incident Energy (MeV)

56-Ba-135

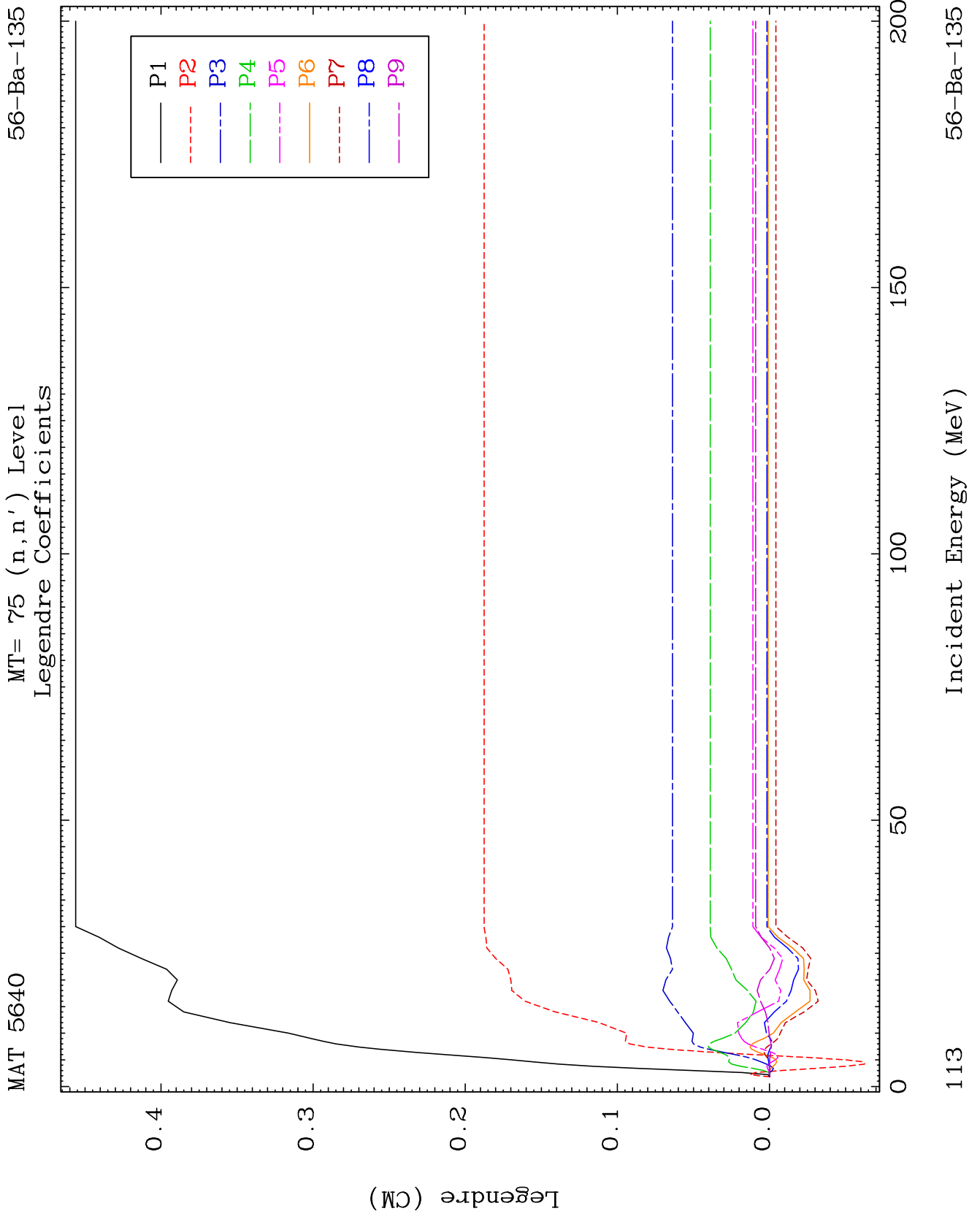
MAT 5640

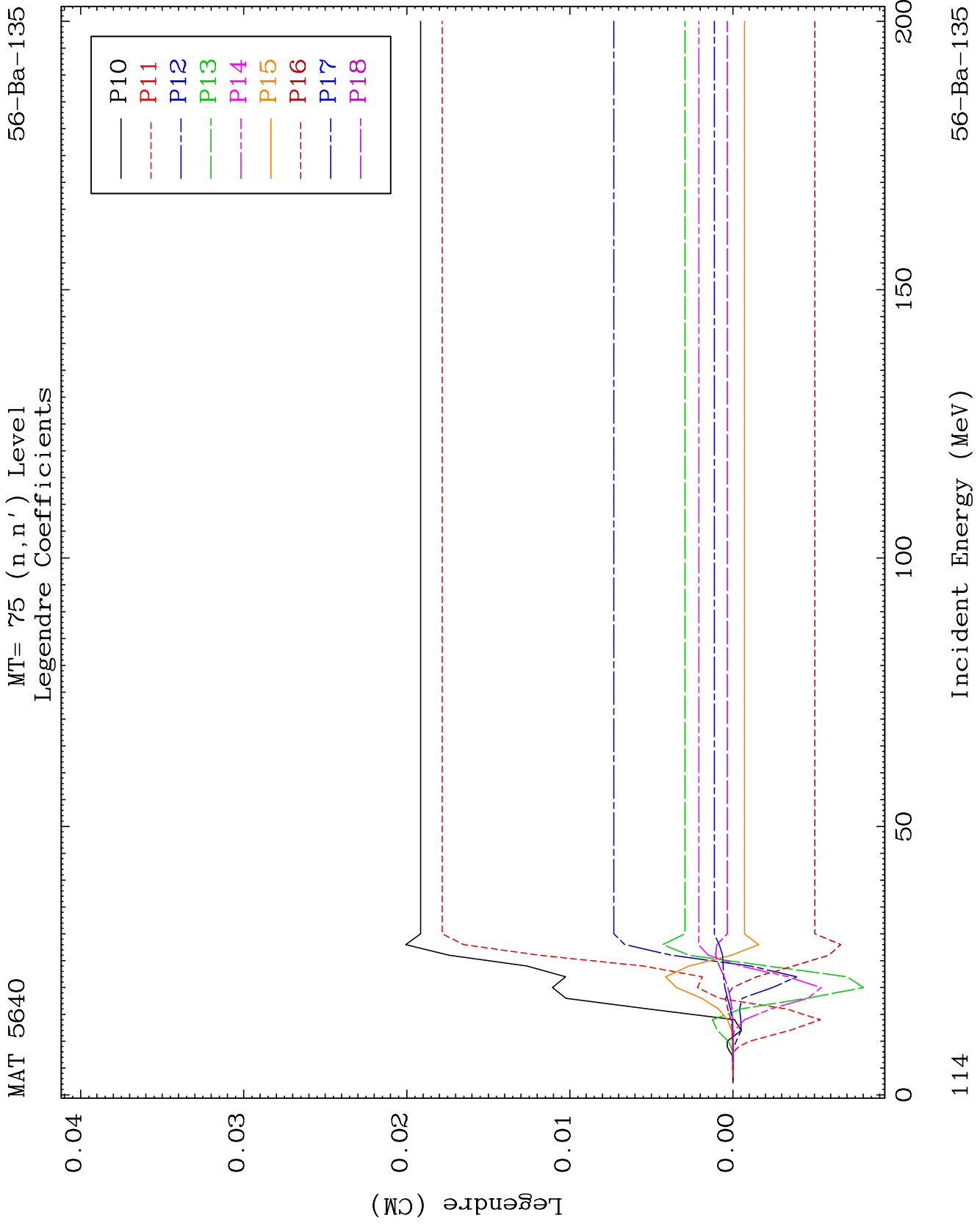
MT= 74 (n,n') Level
Legendre Coefficients

56-Ba-135



112

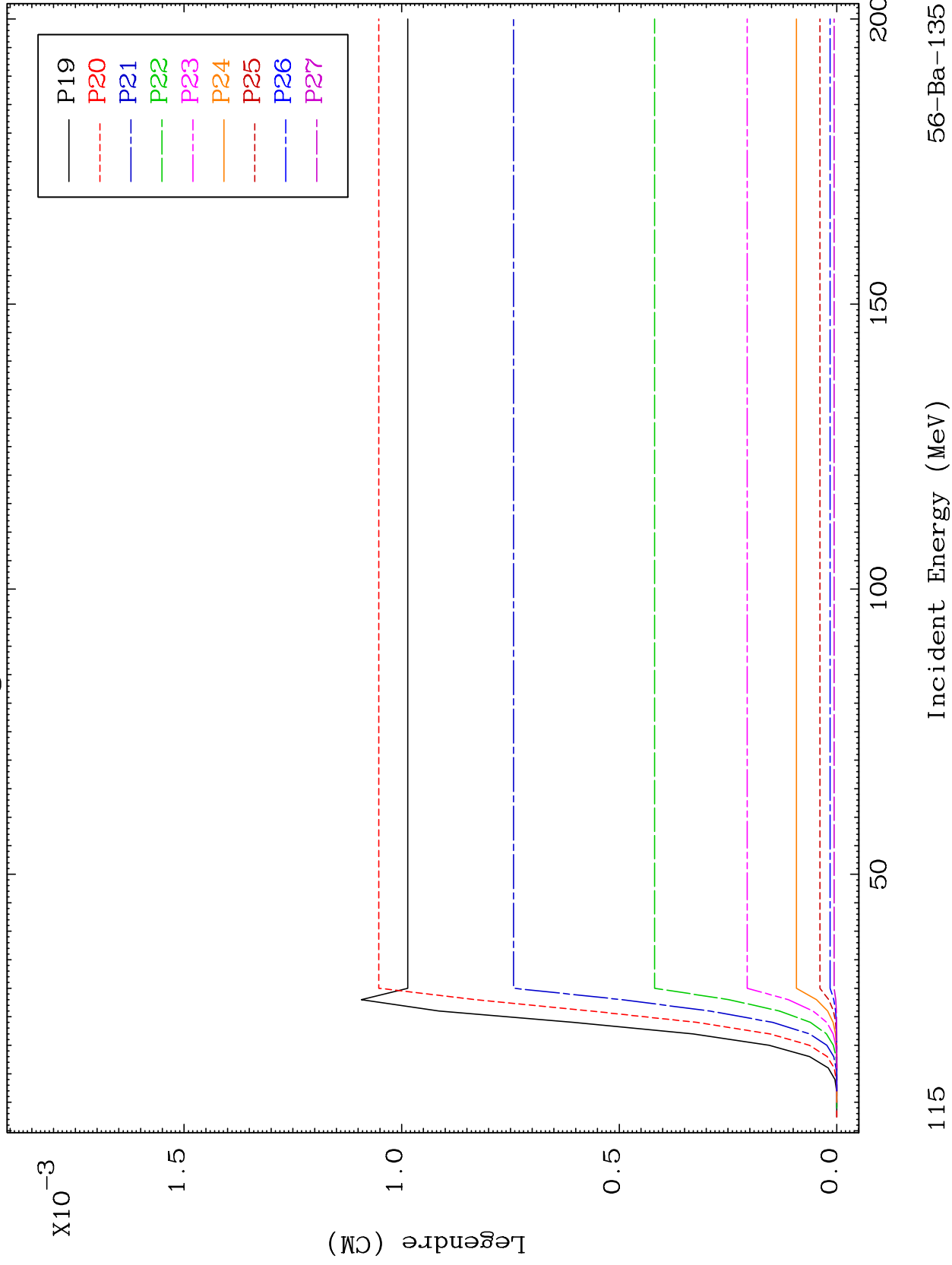




MAT 5640

MT= 75 (n,n') Level
Legendre Coefficients

56-Ba-135



115

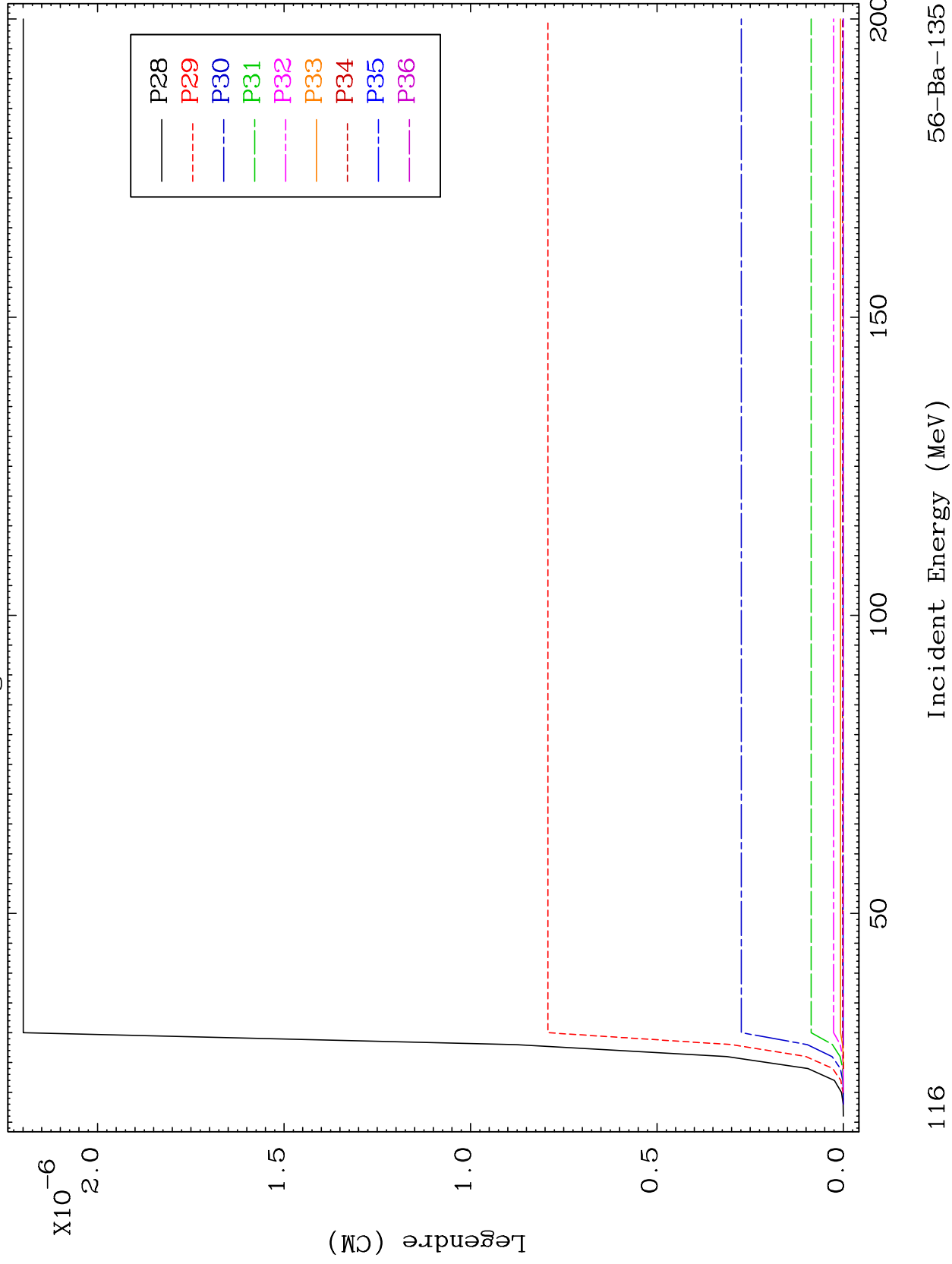
Incident Energy (MeV)

56-Ba-135

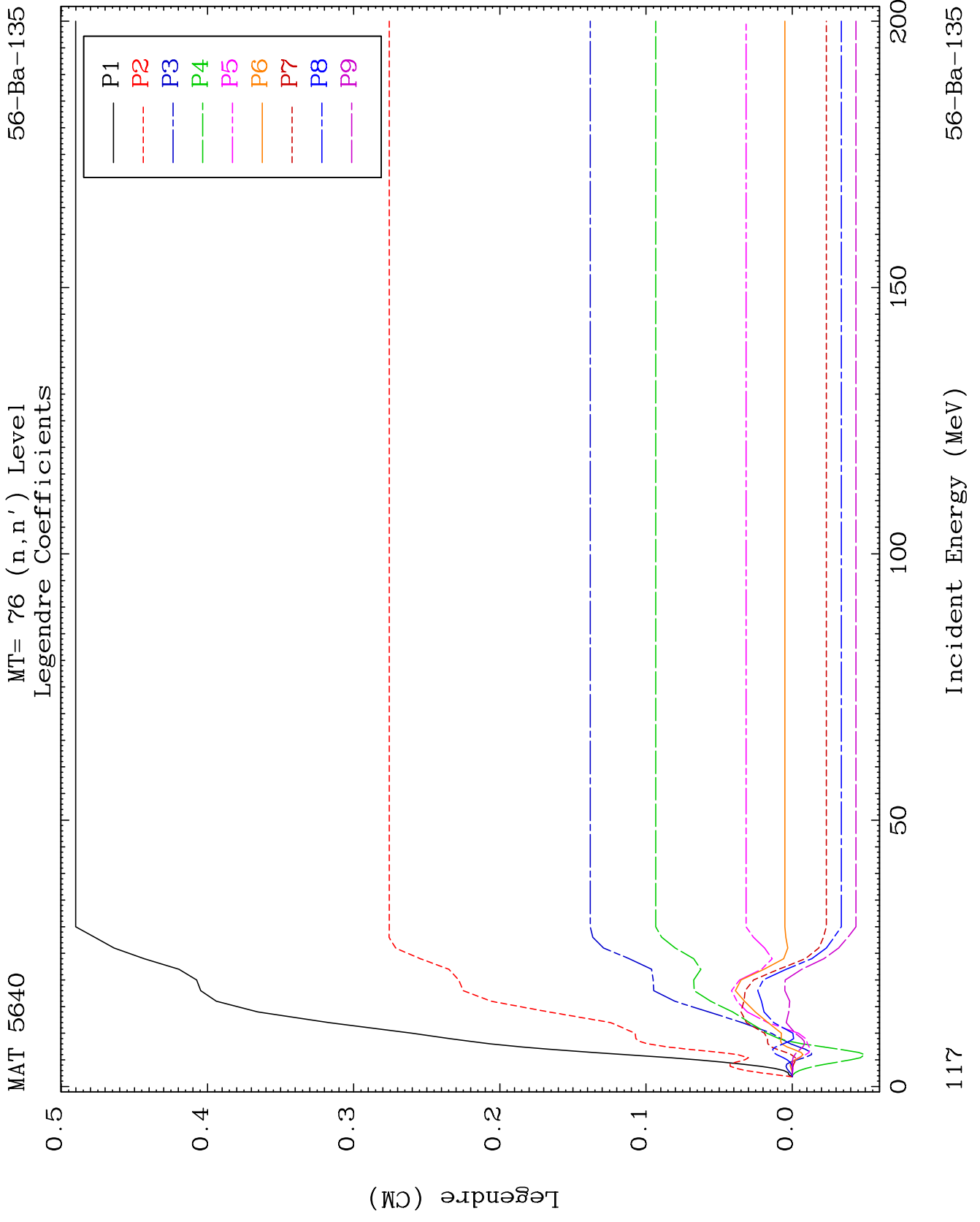
MAT 5640

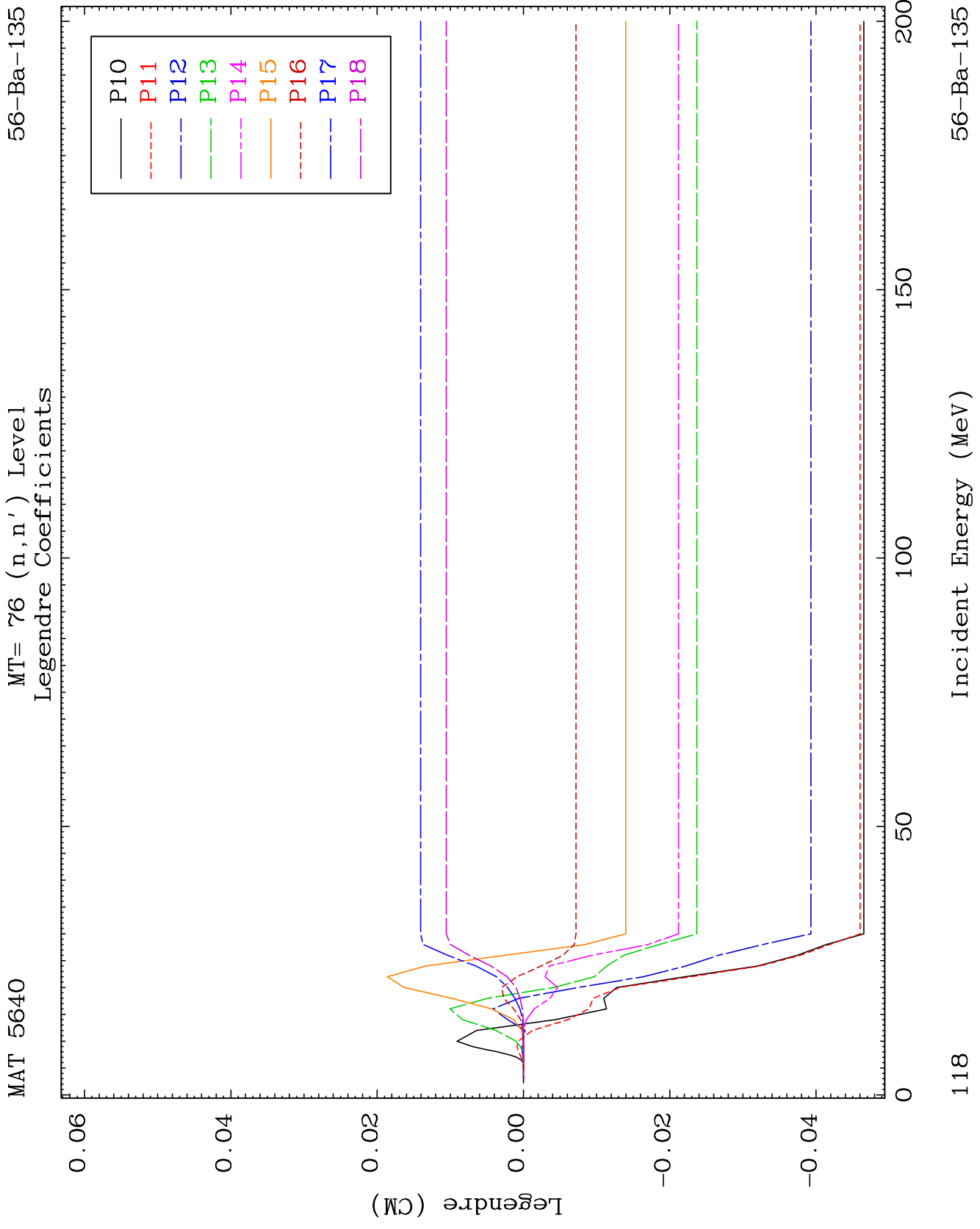
MT= 75 (n,n') Level
Legendre Coefficients

56-Ba-135



116

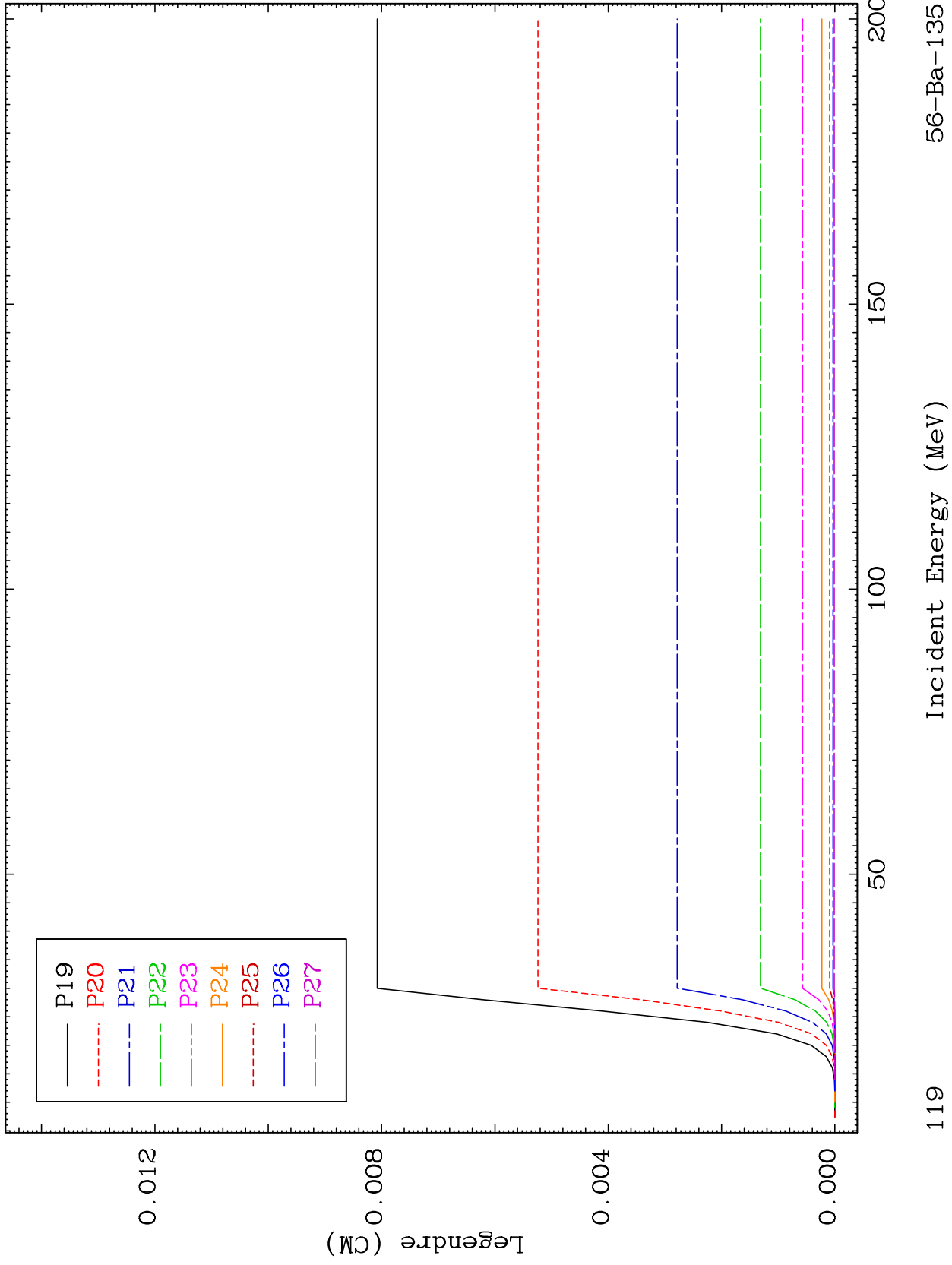




MAT 5640

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

56-Ba-135



119

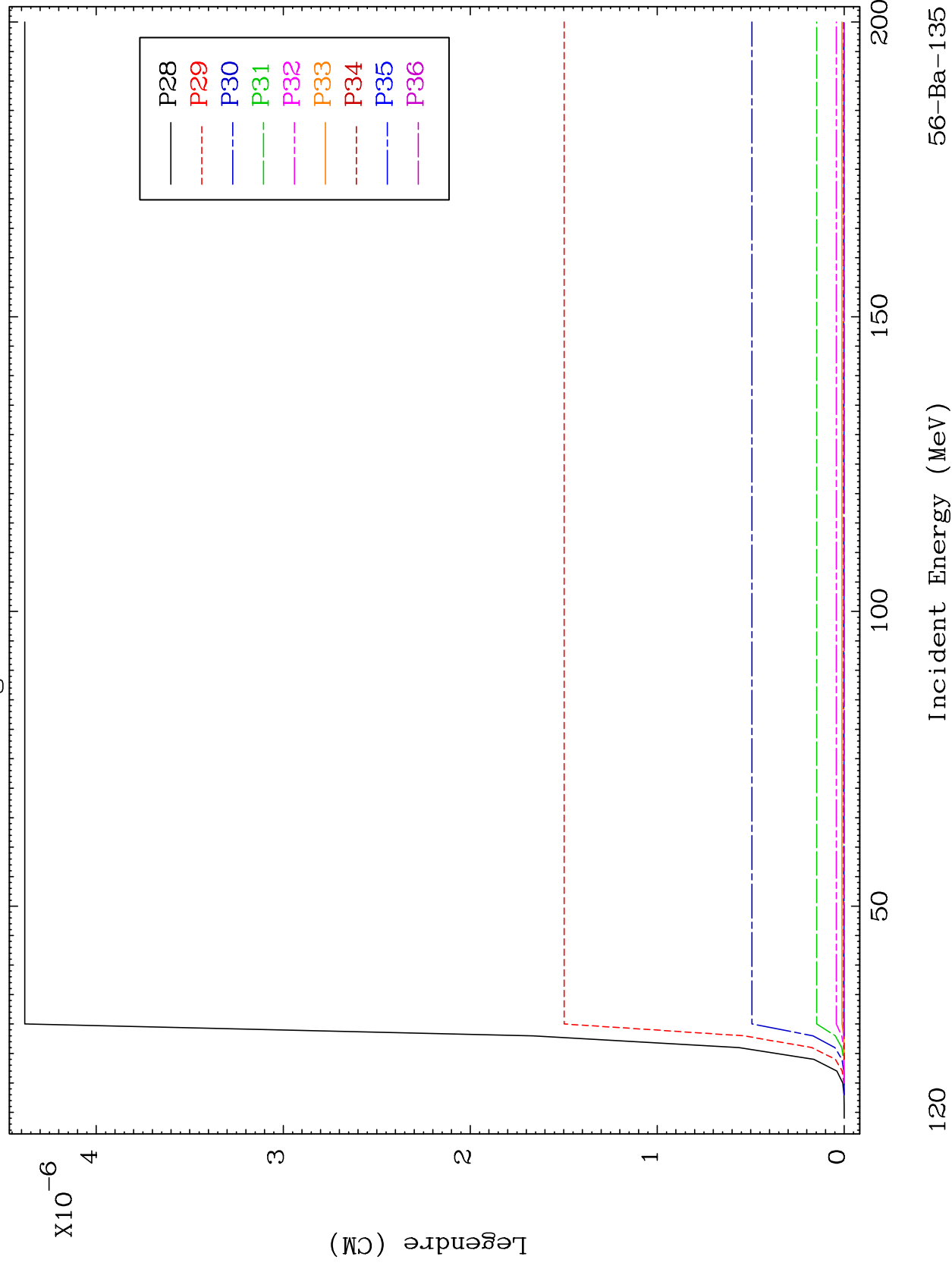
Incident Energy (MeV)

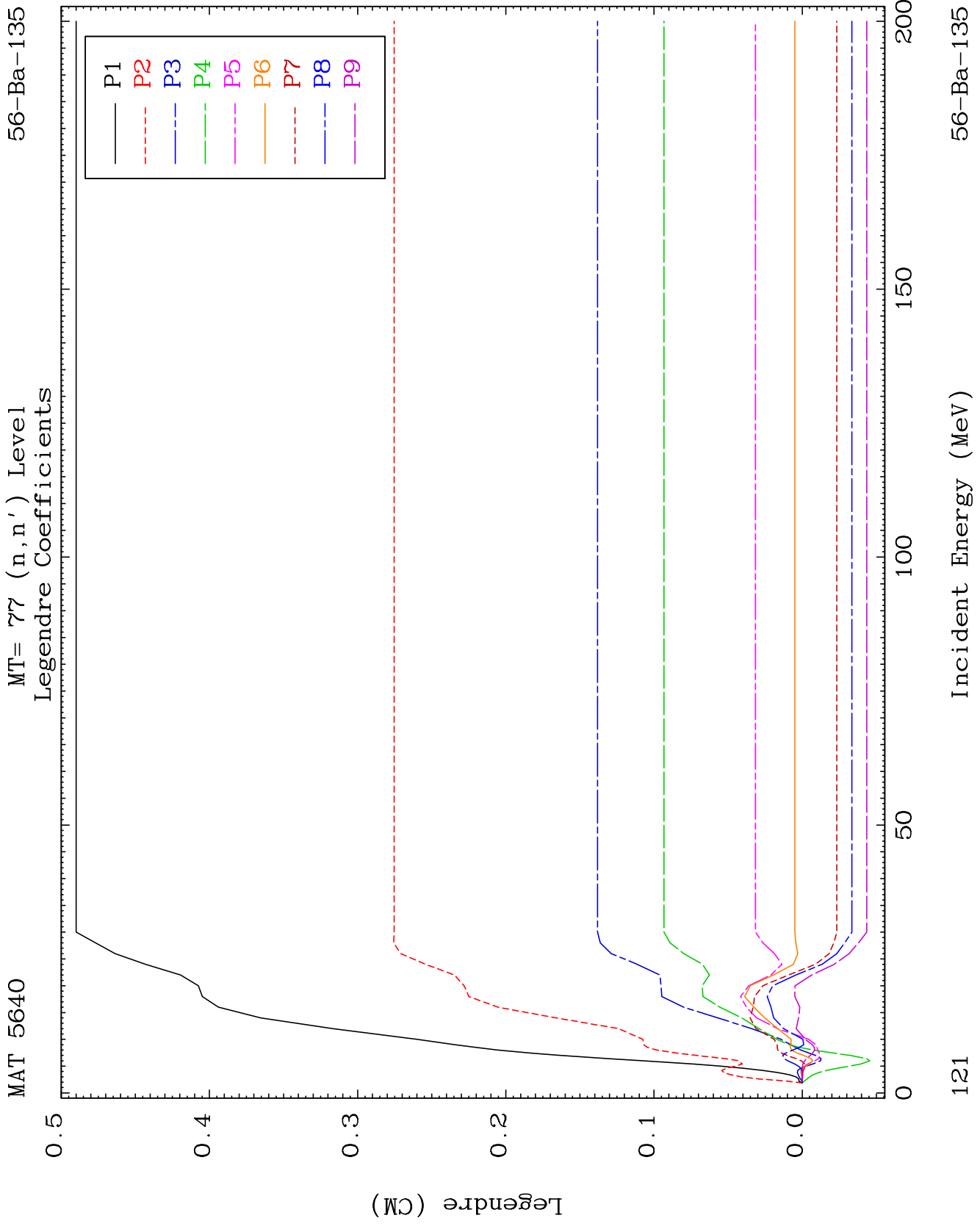
56-Ba-135

MAT 5640

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

56-Ba-135

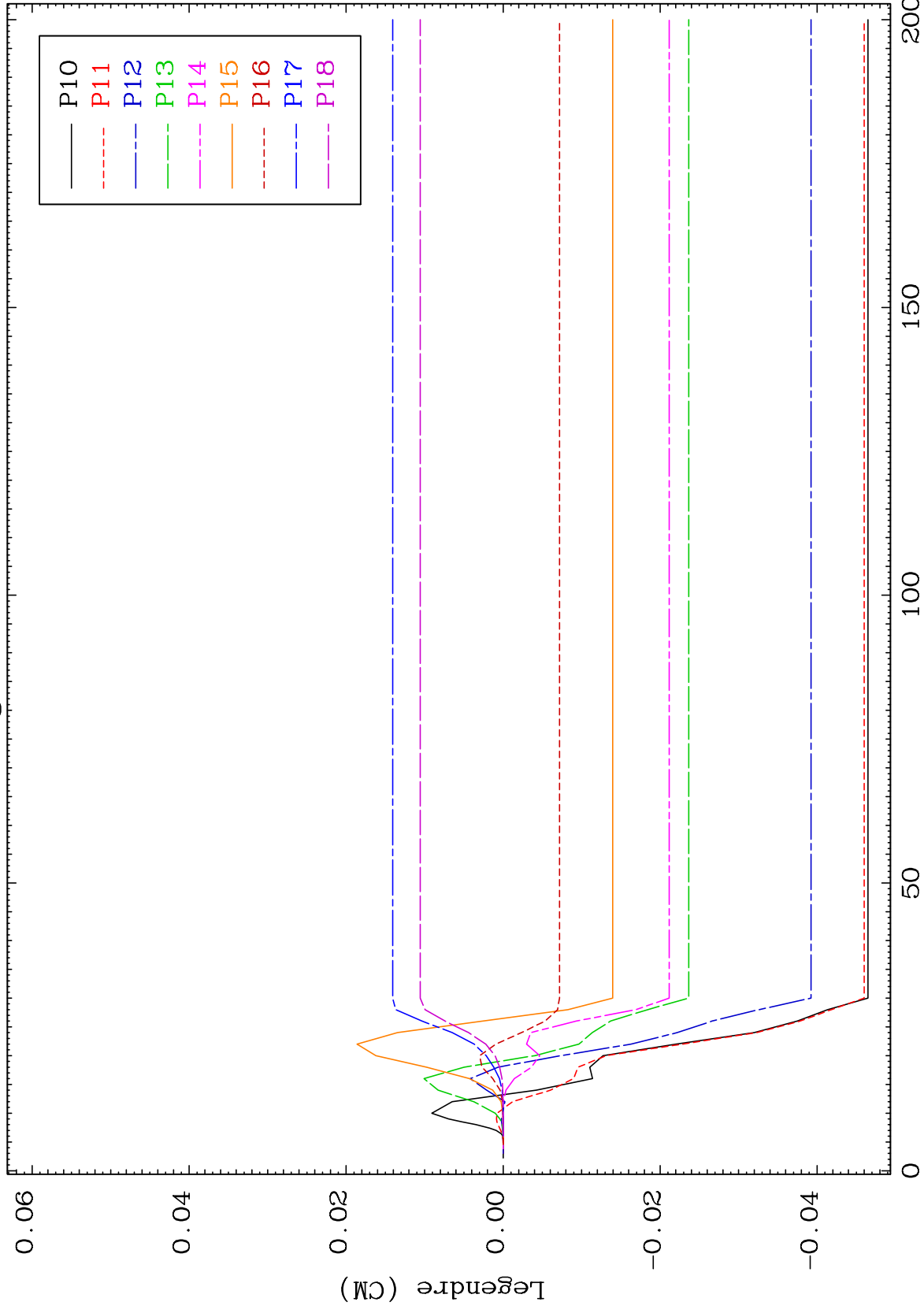




MAT 5640

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

56-Ba-135



122

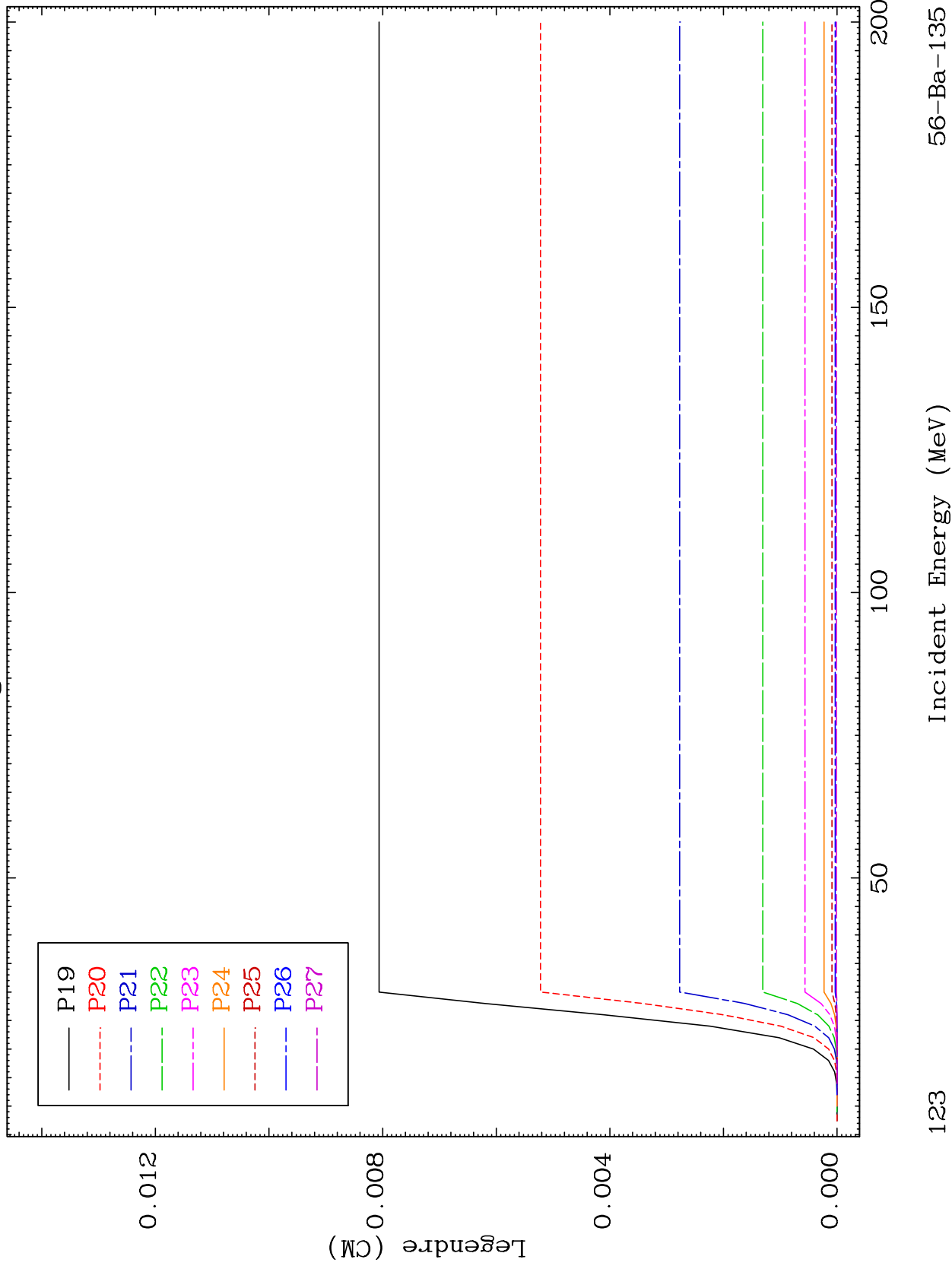
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

56-Ba-135



123

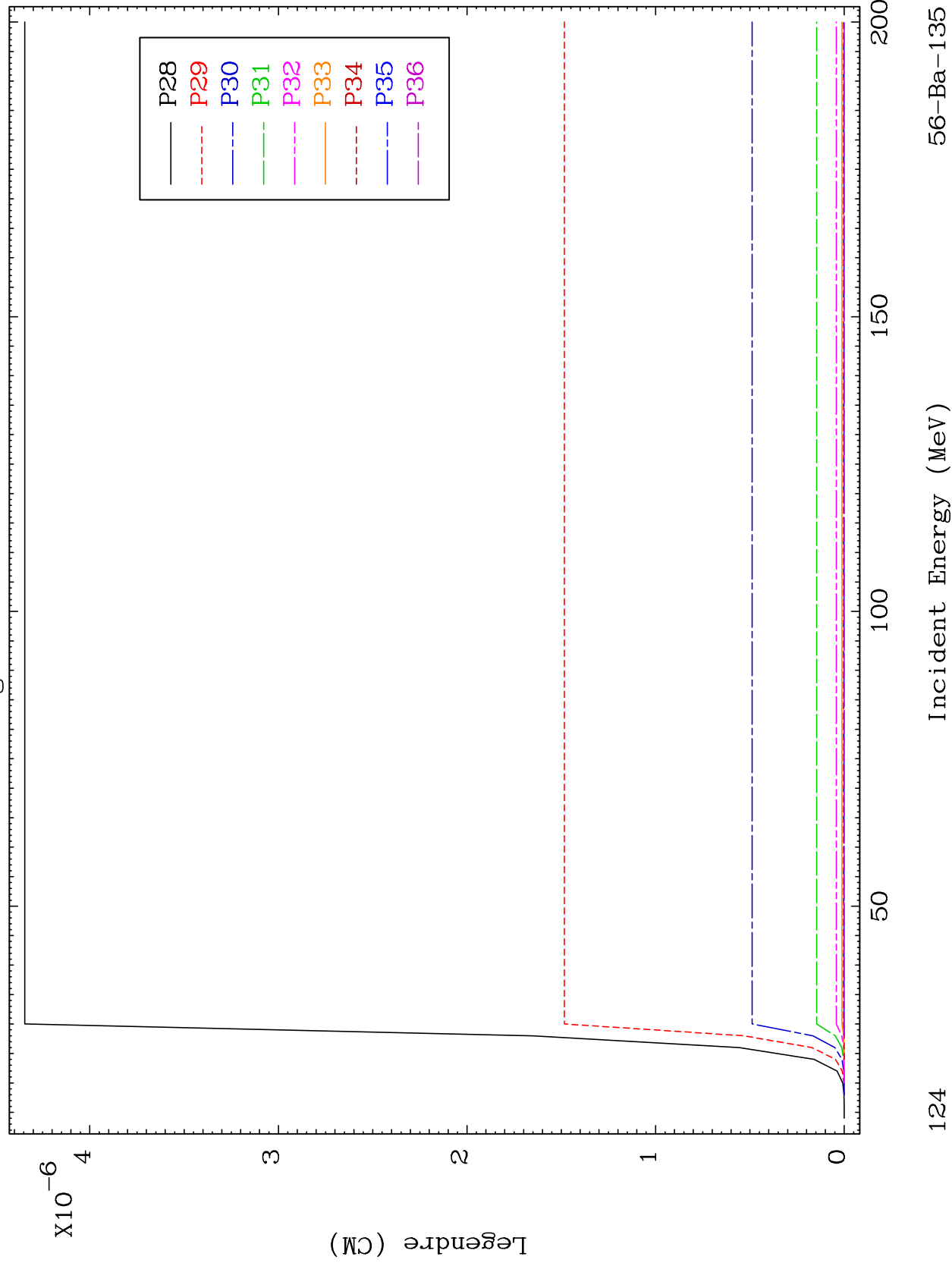
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

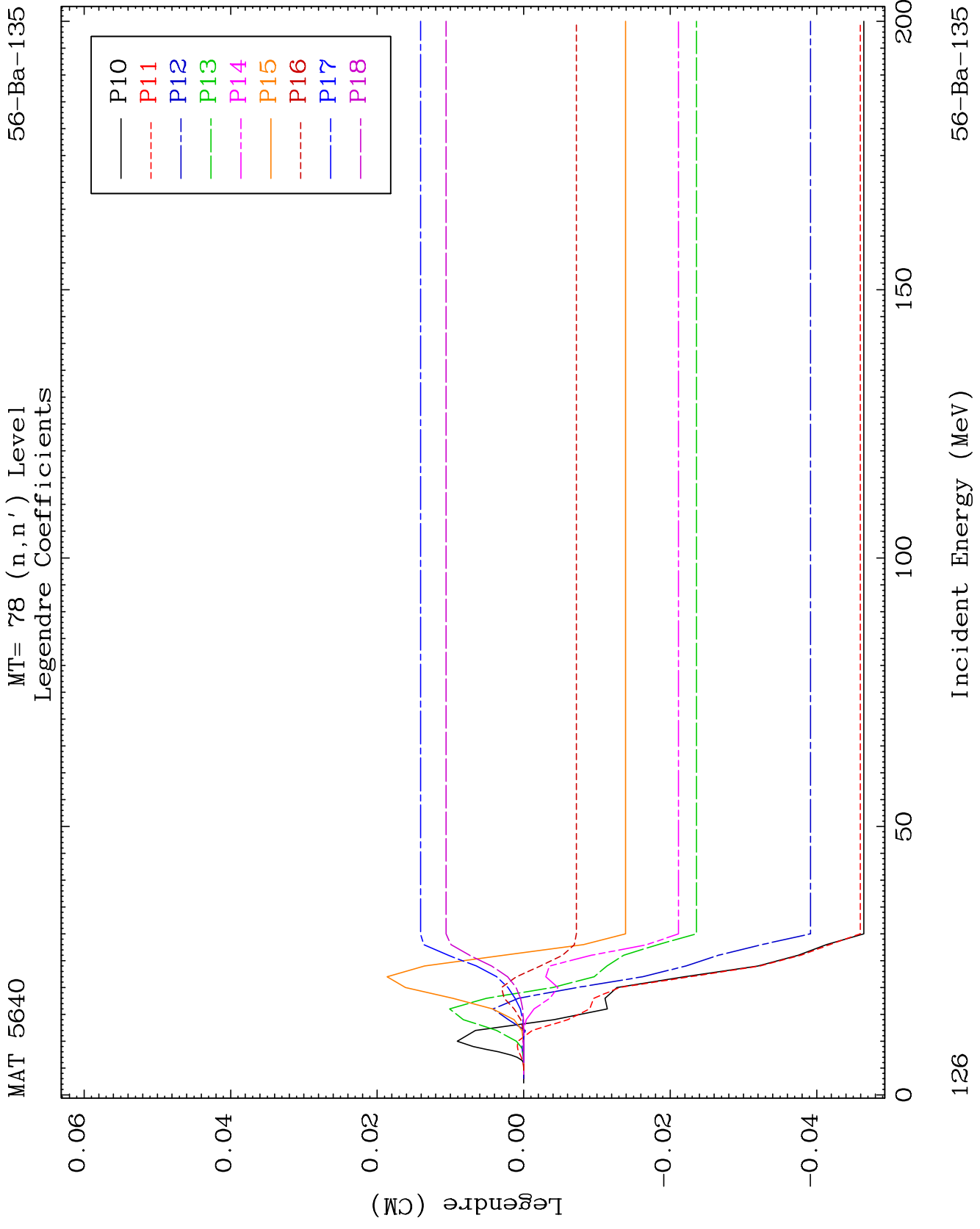
56-Ba-135



124

Incident Energy (MeV)

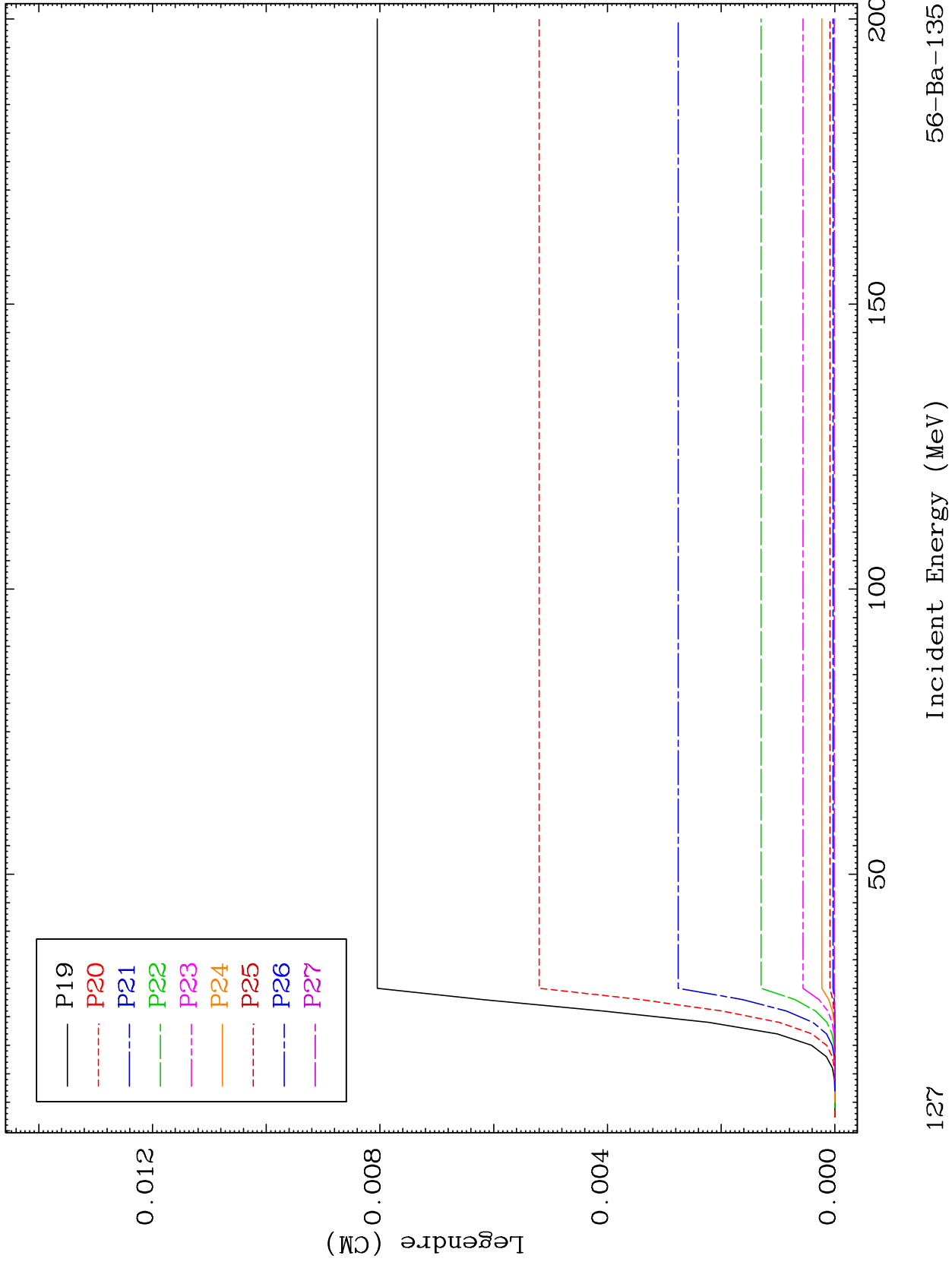
56-Ba-135



MAT 5640

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

56-Ba-135



127

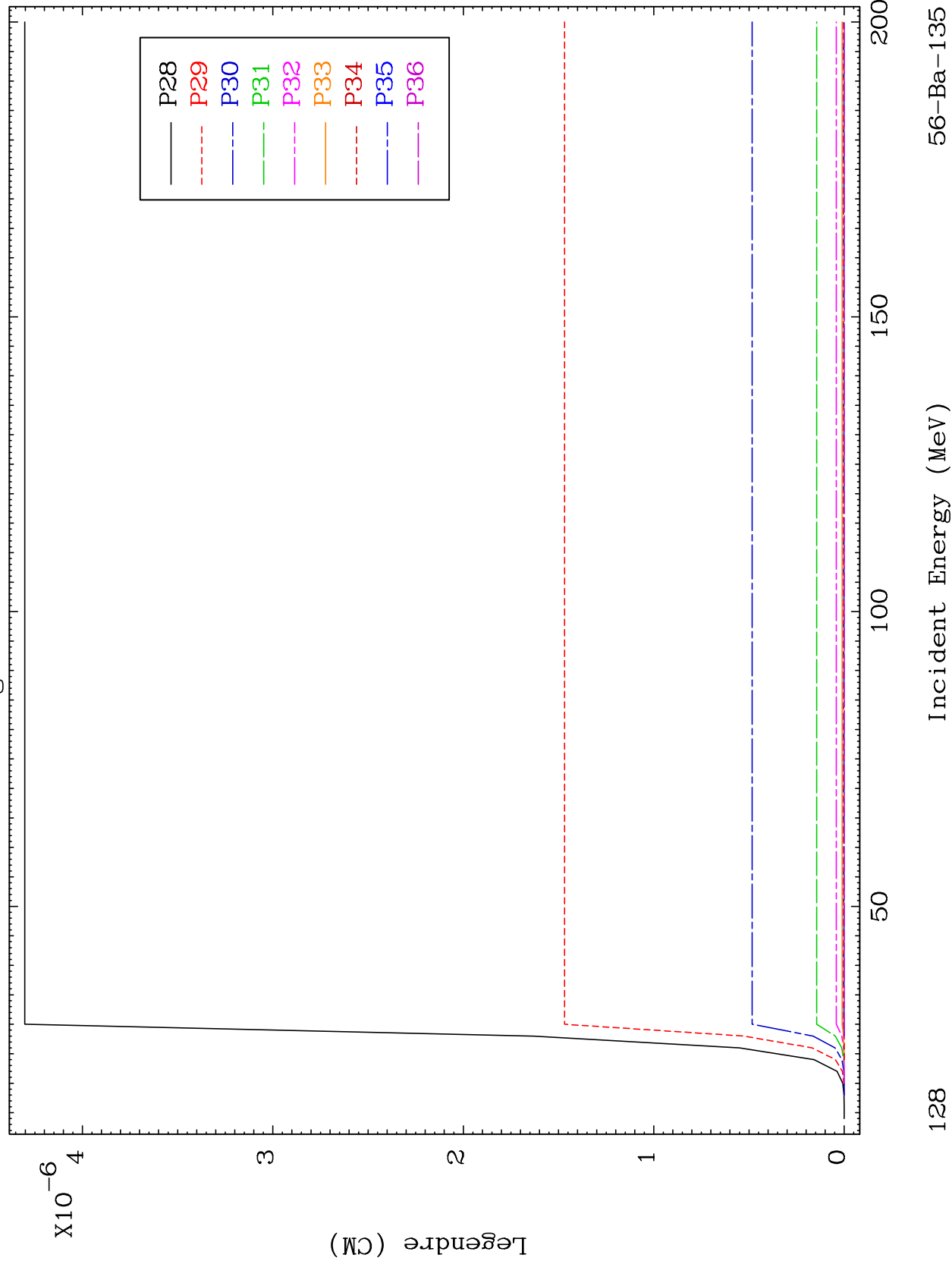
Incident Energy (MeV)

56-Ba-135

MAT 5640

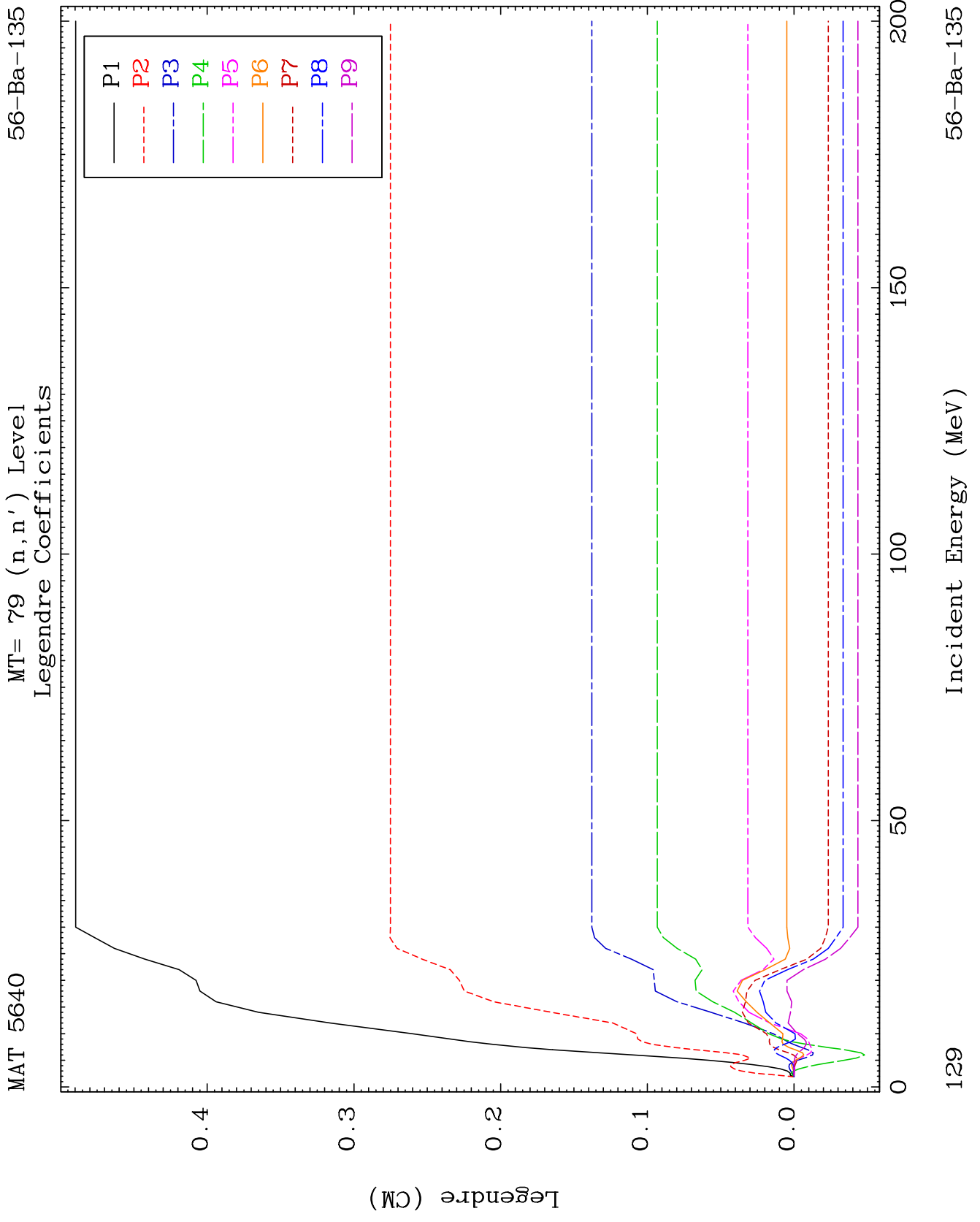
MT= 78 (n,n') Level
Legendre Coefficients

56-Ba-135



128

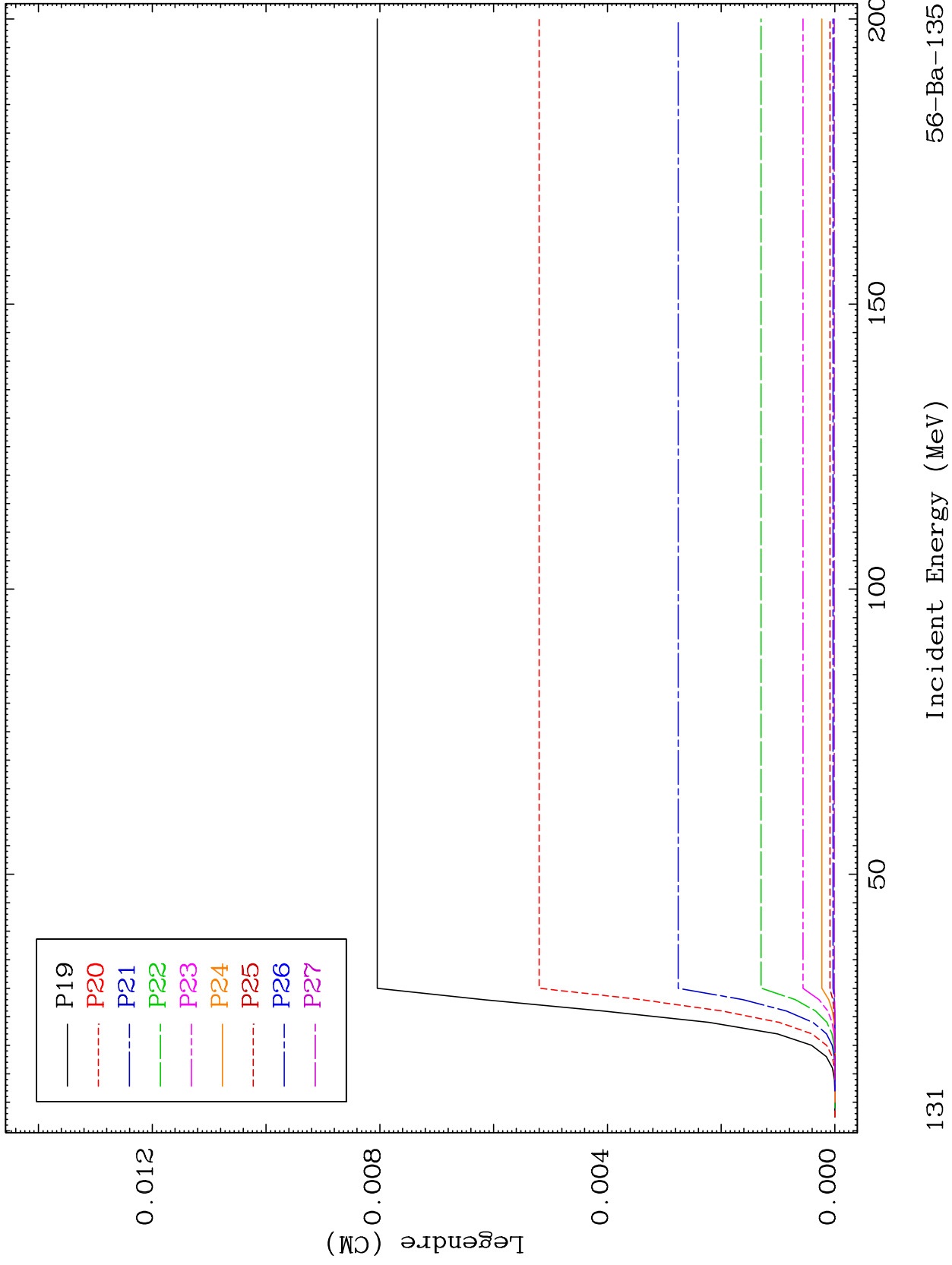
56-Ba-135



MAT 5640

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

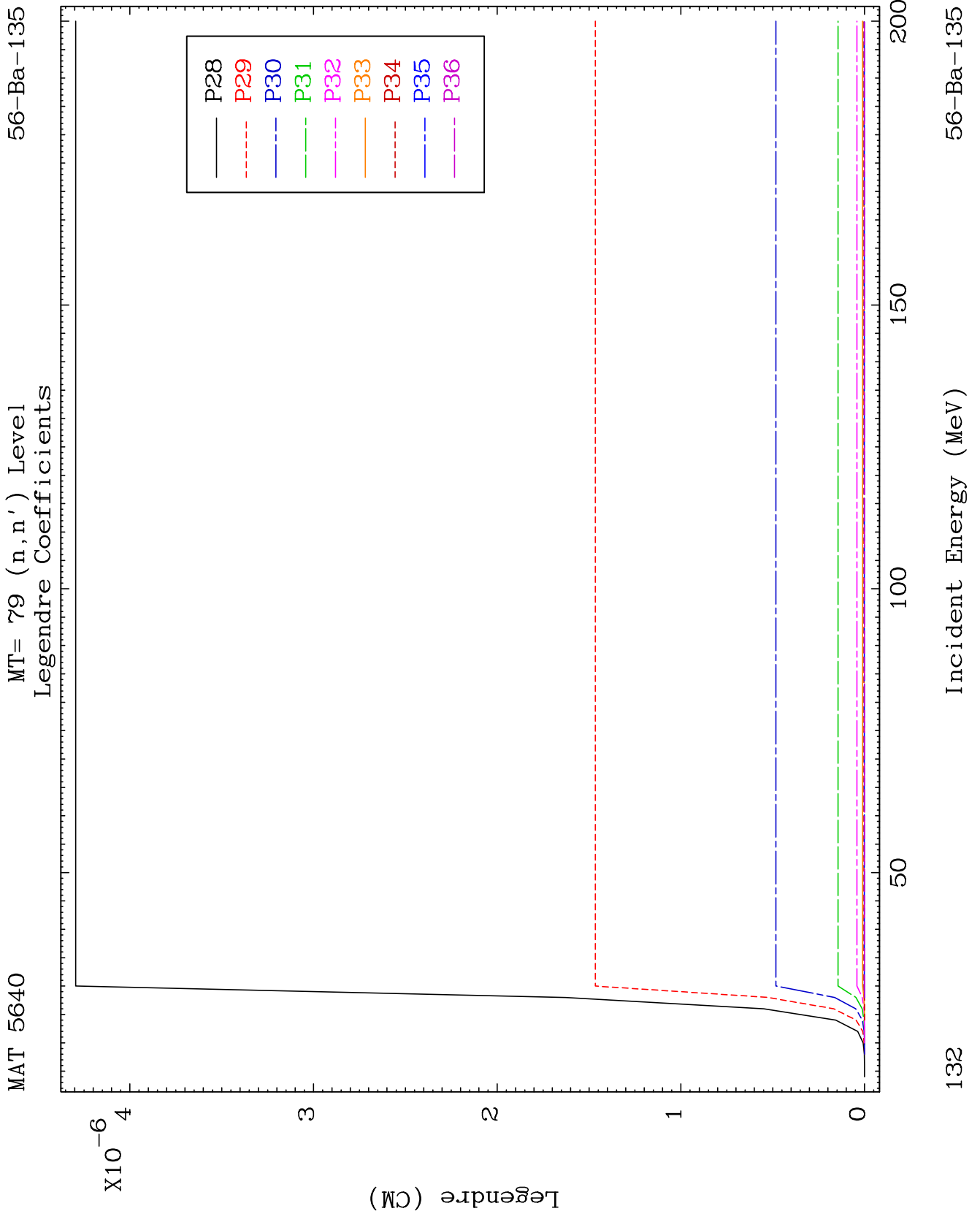
56-Ba-135



131

Incident Energy (MeV)

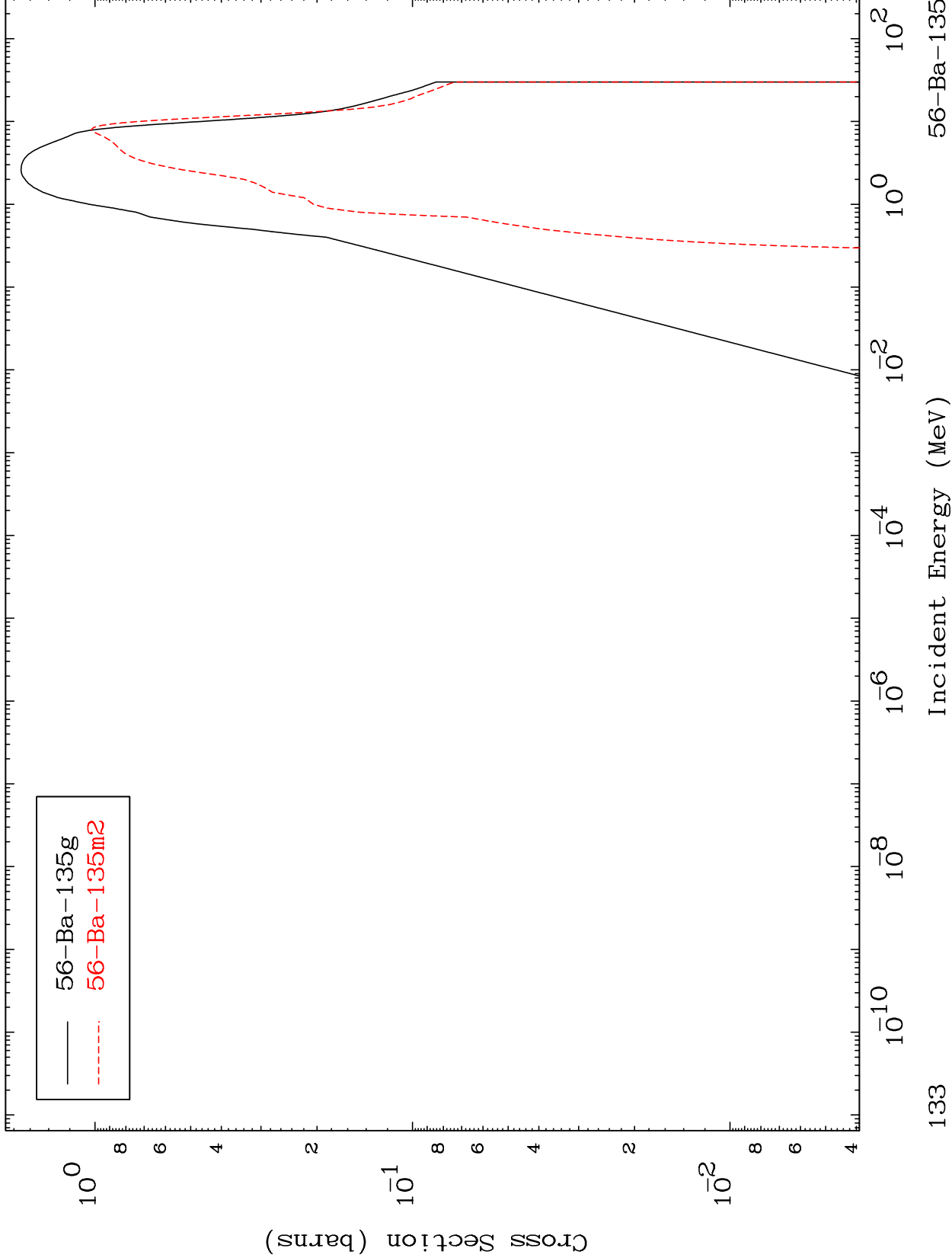
56-Ba-135



MAT 5640

Inelastic
Radionuclide Production Cross Section

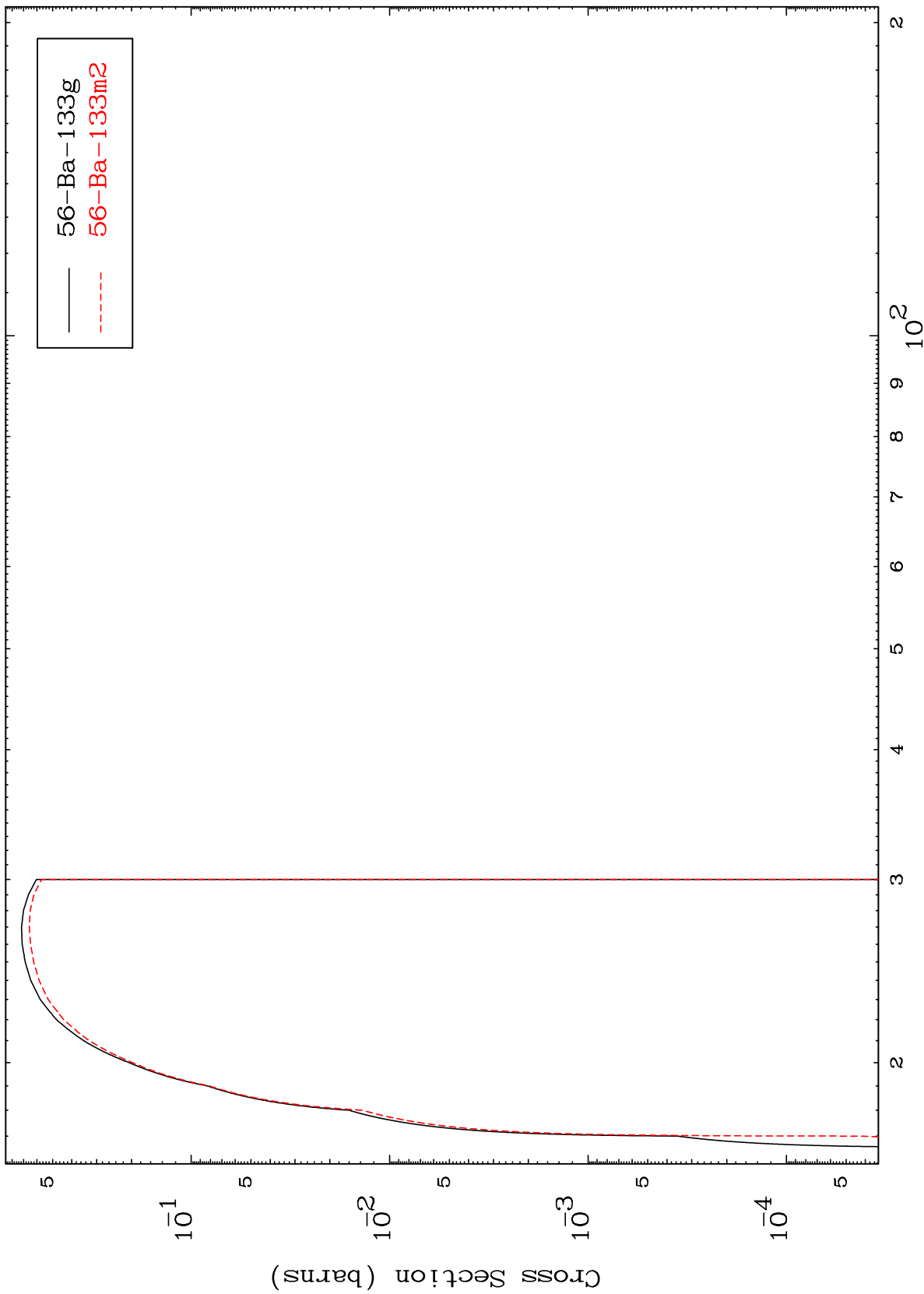
56-Ba-135



MAT 5640

56-Ba-135

(n,3n)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

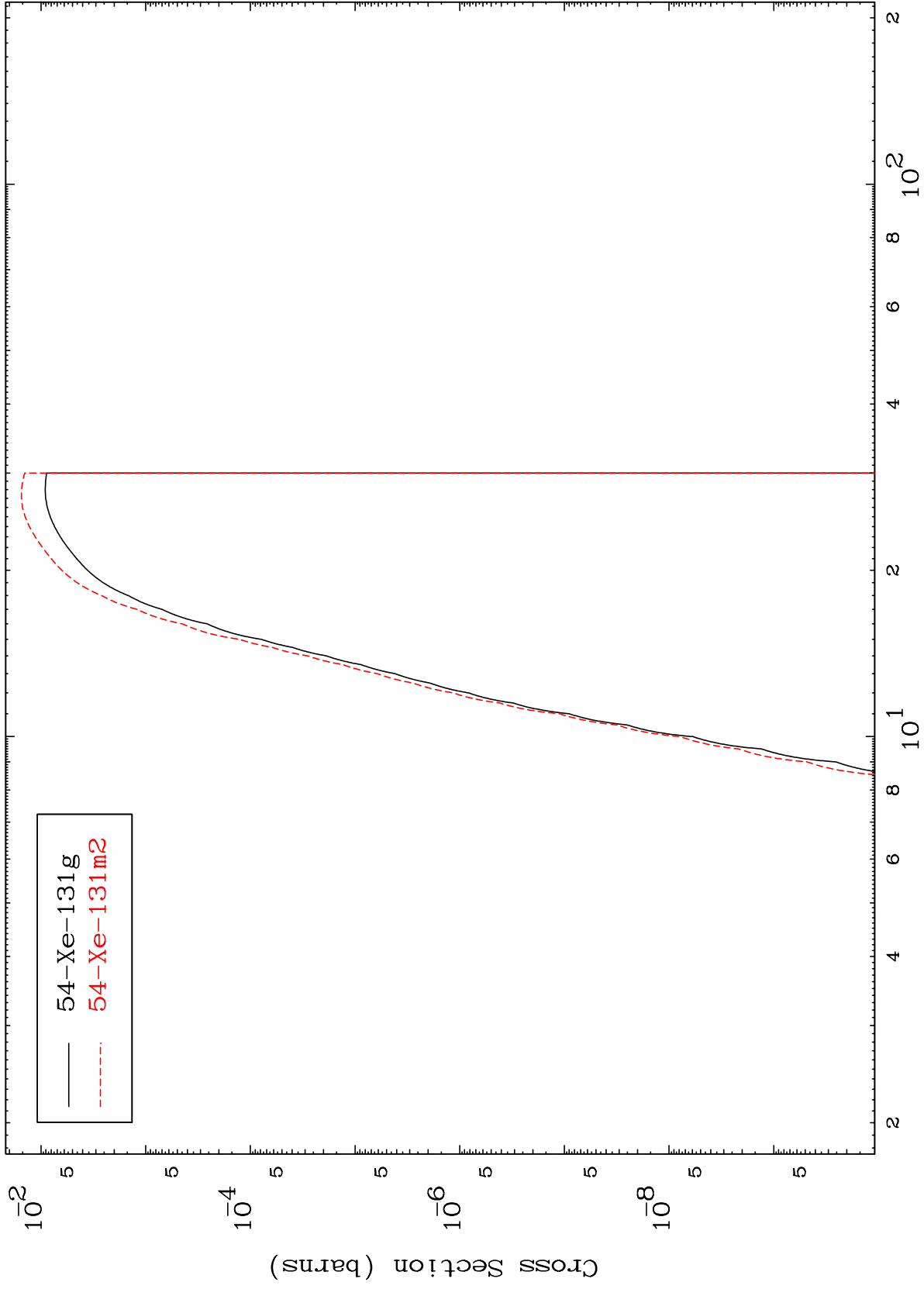
56-Ba-135

MAT 5640

56-Ba-135

(n,n') α

Radionuclide Production Cross Section



— 54-Xe-131g
- - - 54-Xe-131m2

56-Ba-135

Incident Energy (MeV)

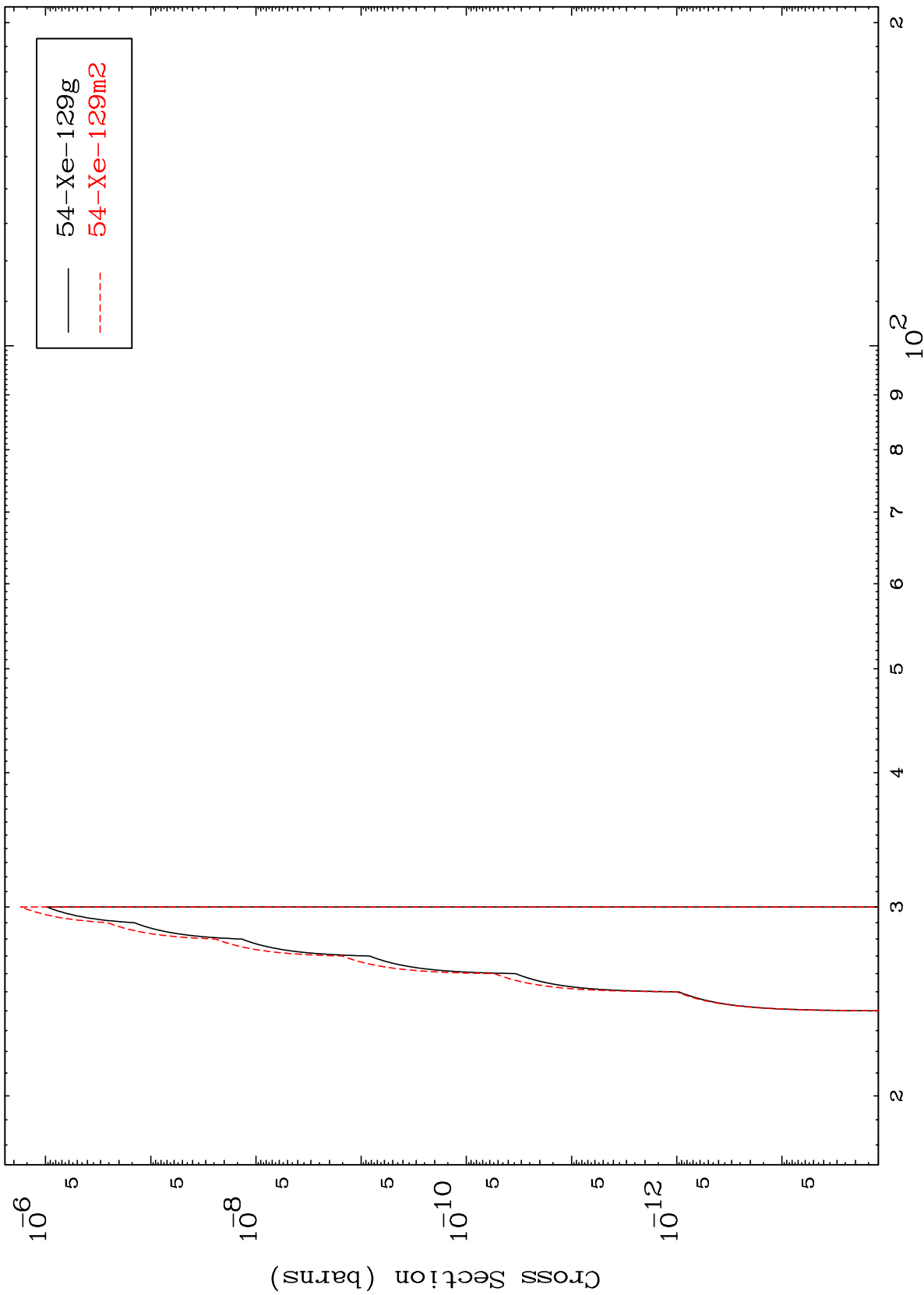
135

MAT 5640

(n,3n) α

56-Ba-135

Radionuclide Production Cross Section



136

Incident Energy (MeV)

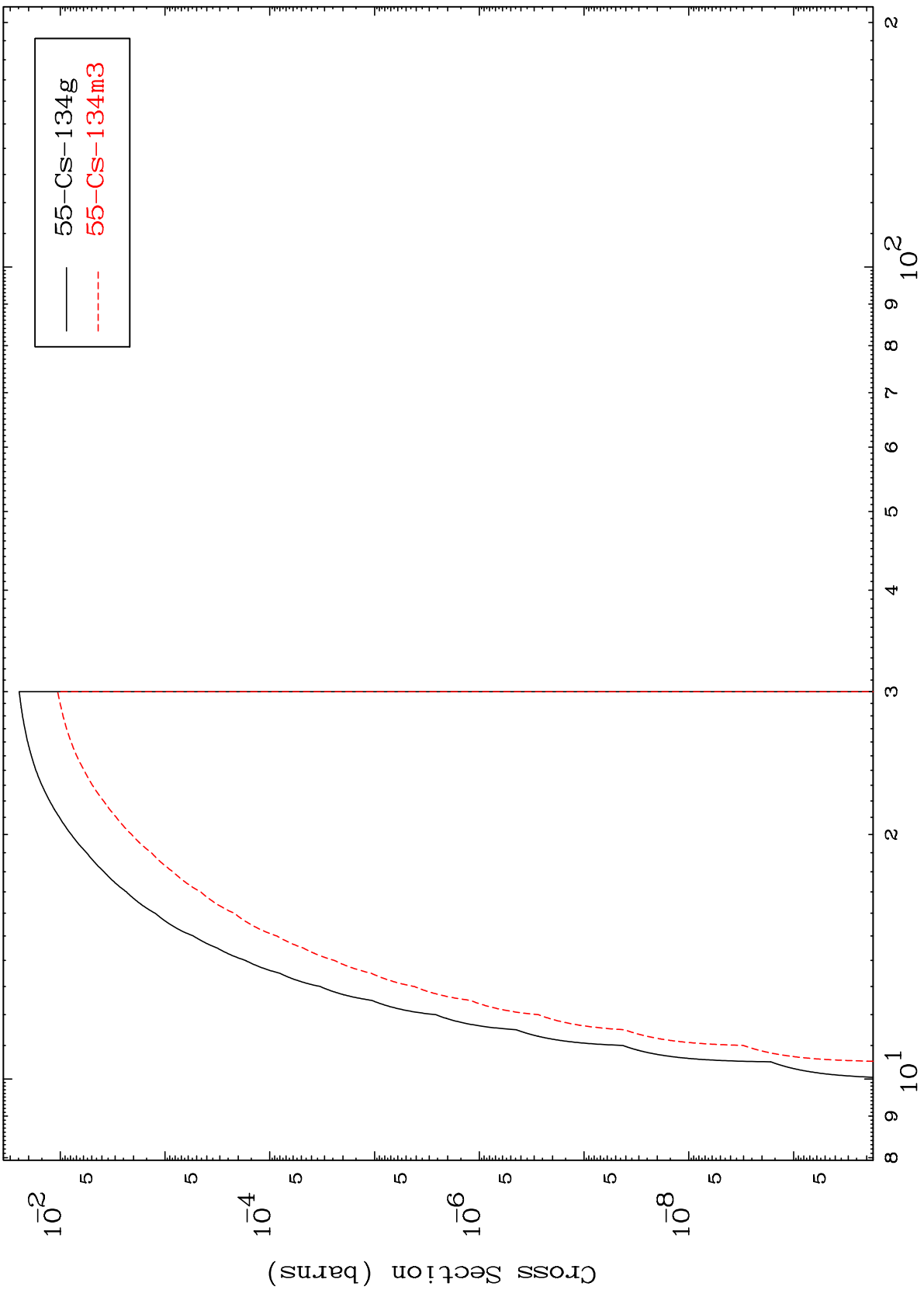
56-Ba-135

MAT 5640

(n,n') p

56-Ba-135

Radionuclide Production Cross Section



137

Incident Energy (MeV)

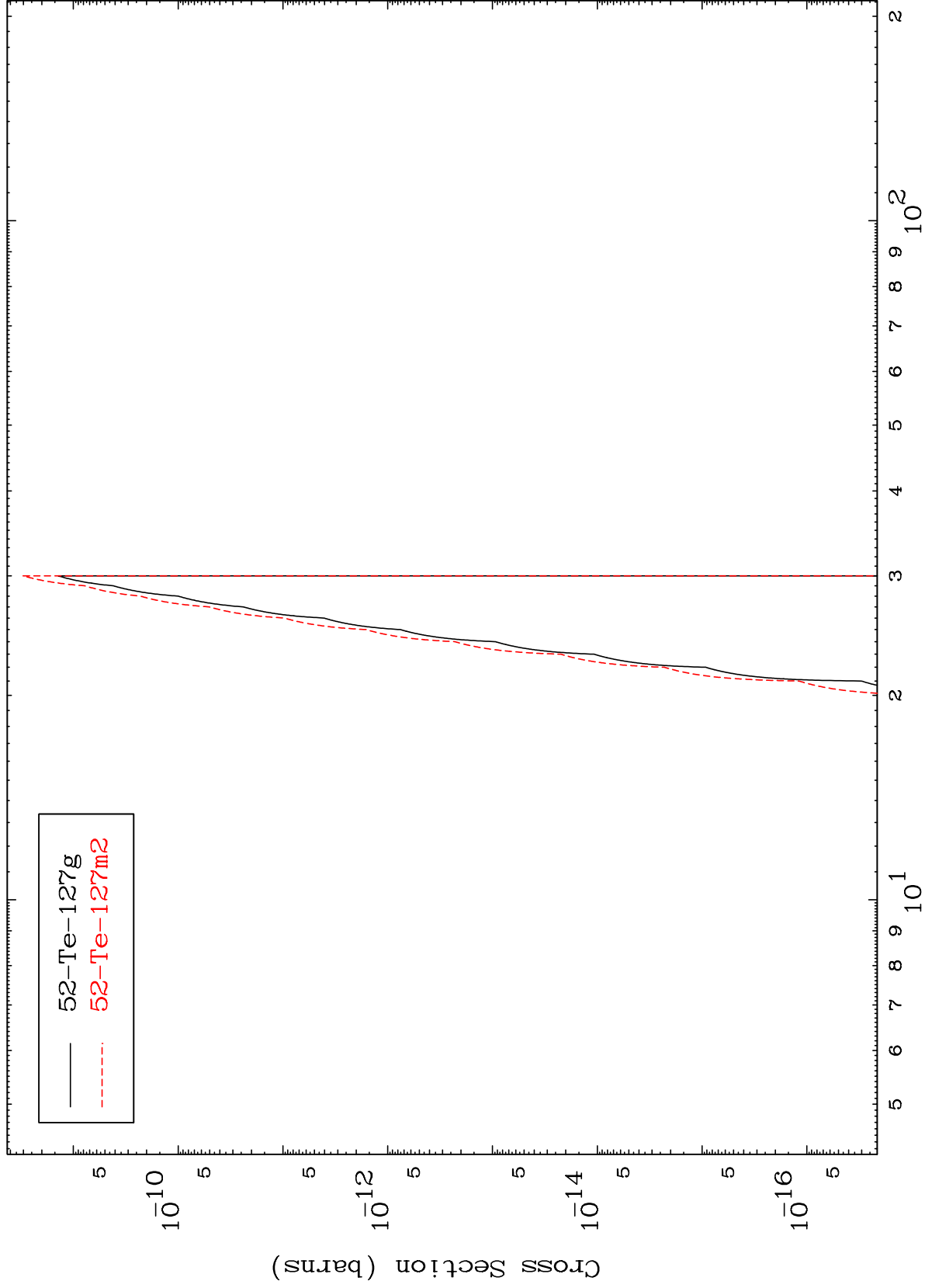
56-Ba-135

MAT 5640

(n, n') 2α

56-Ba-135

Radionuclide Production Cross Section



138

Incident Energy (MeV)

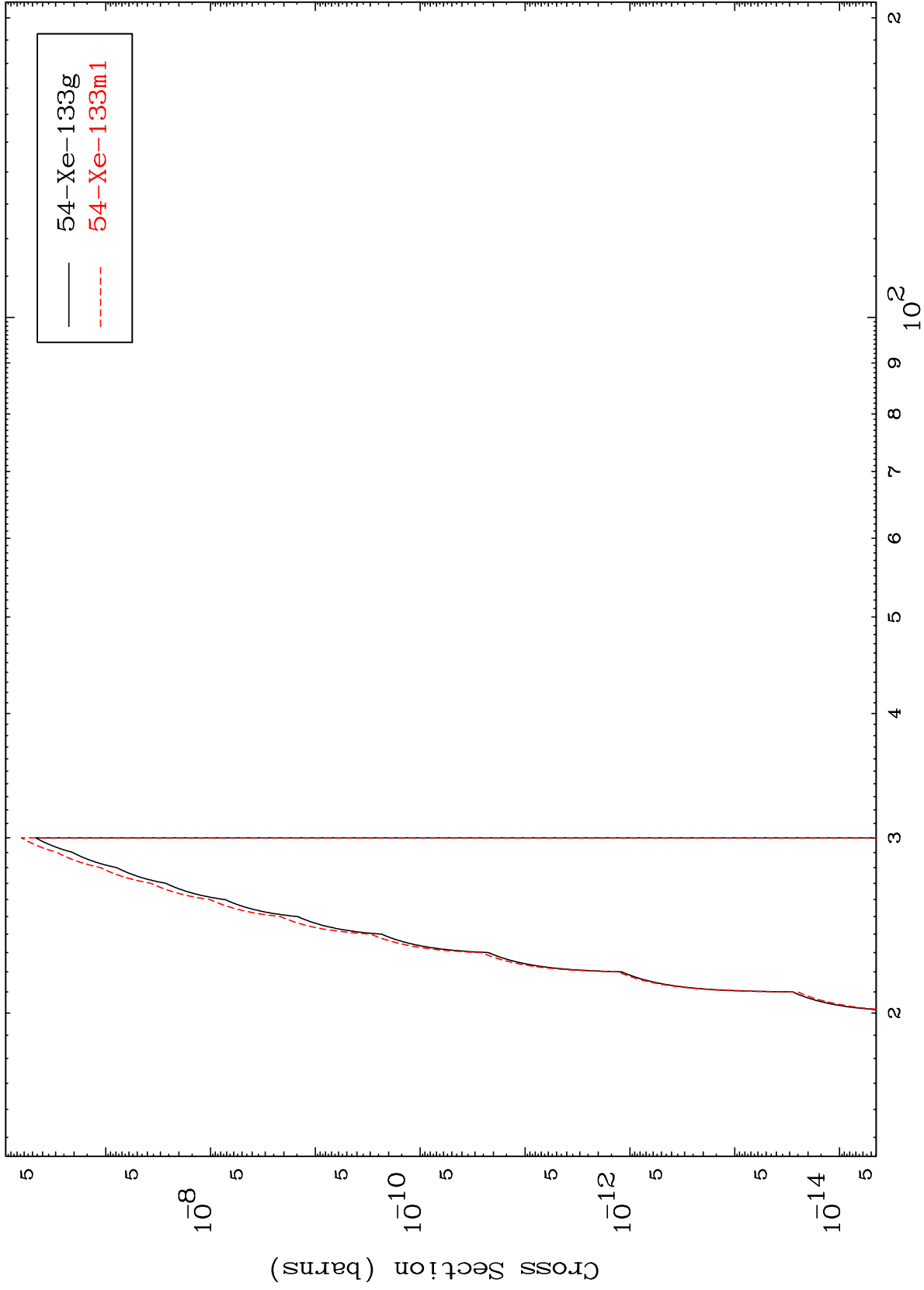
56-Ba-135

MAT 5640

(n,2n) p

56-Ba-135

Radionuclide Production Cross Section



139

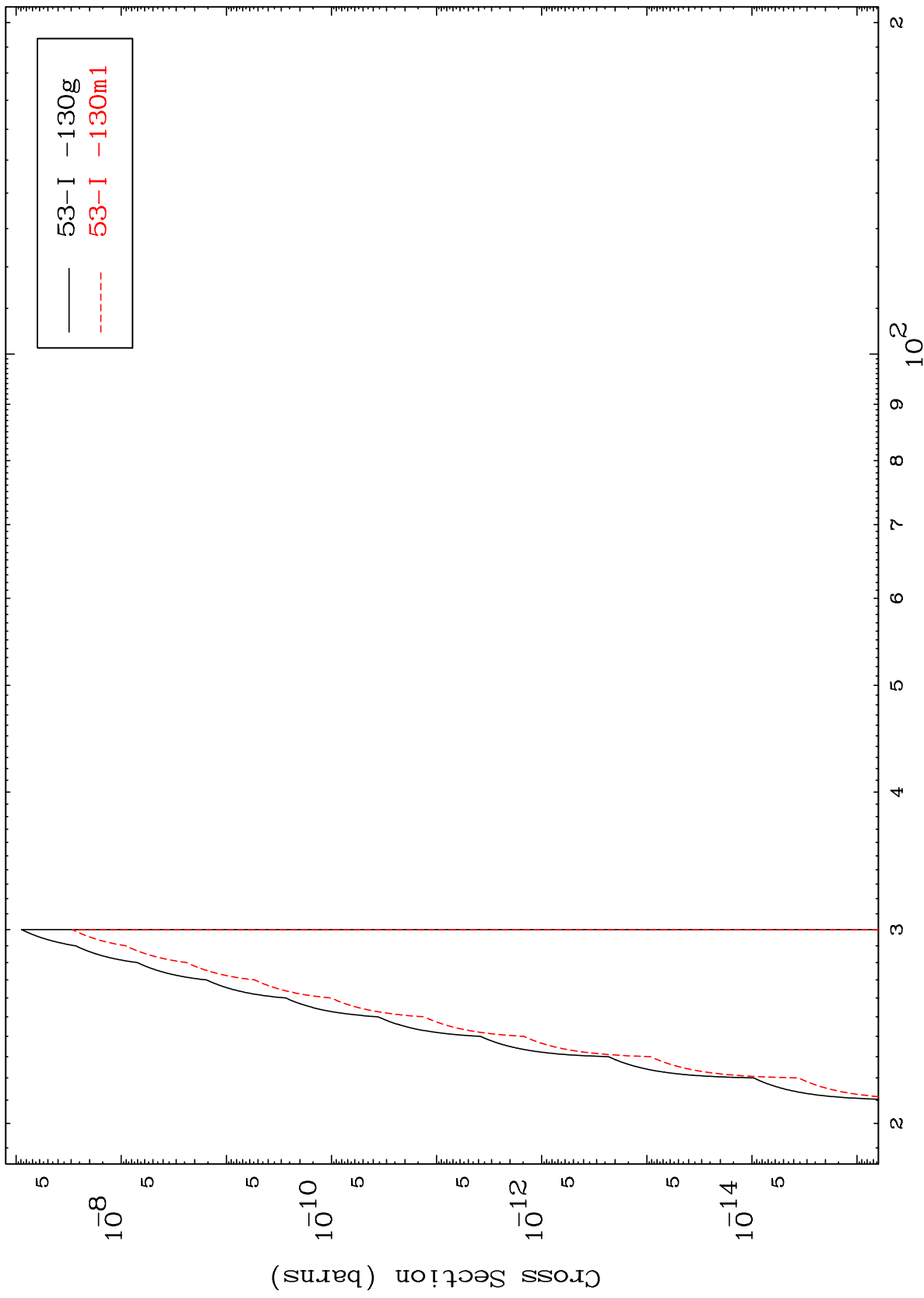
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

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



56-Ba-135

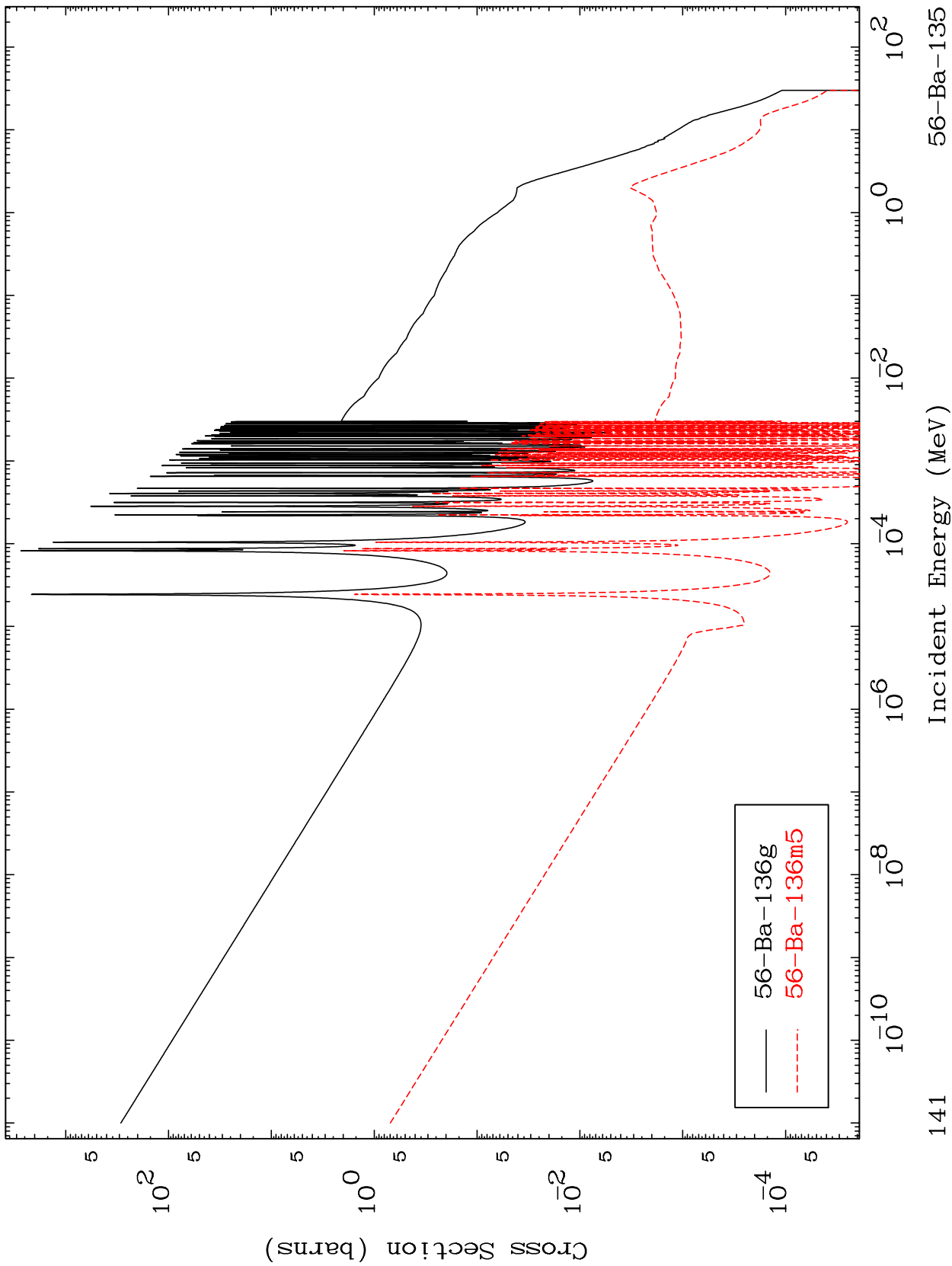
Incident Energy (MeV)

140

MAT 5640

56-Ba-135

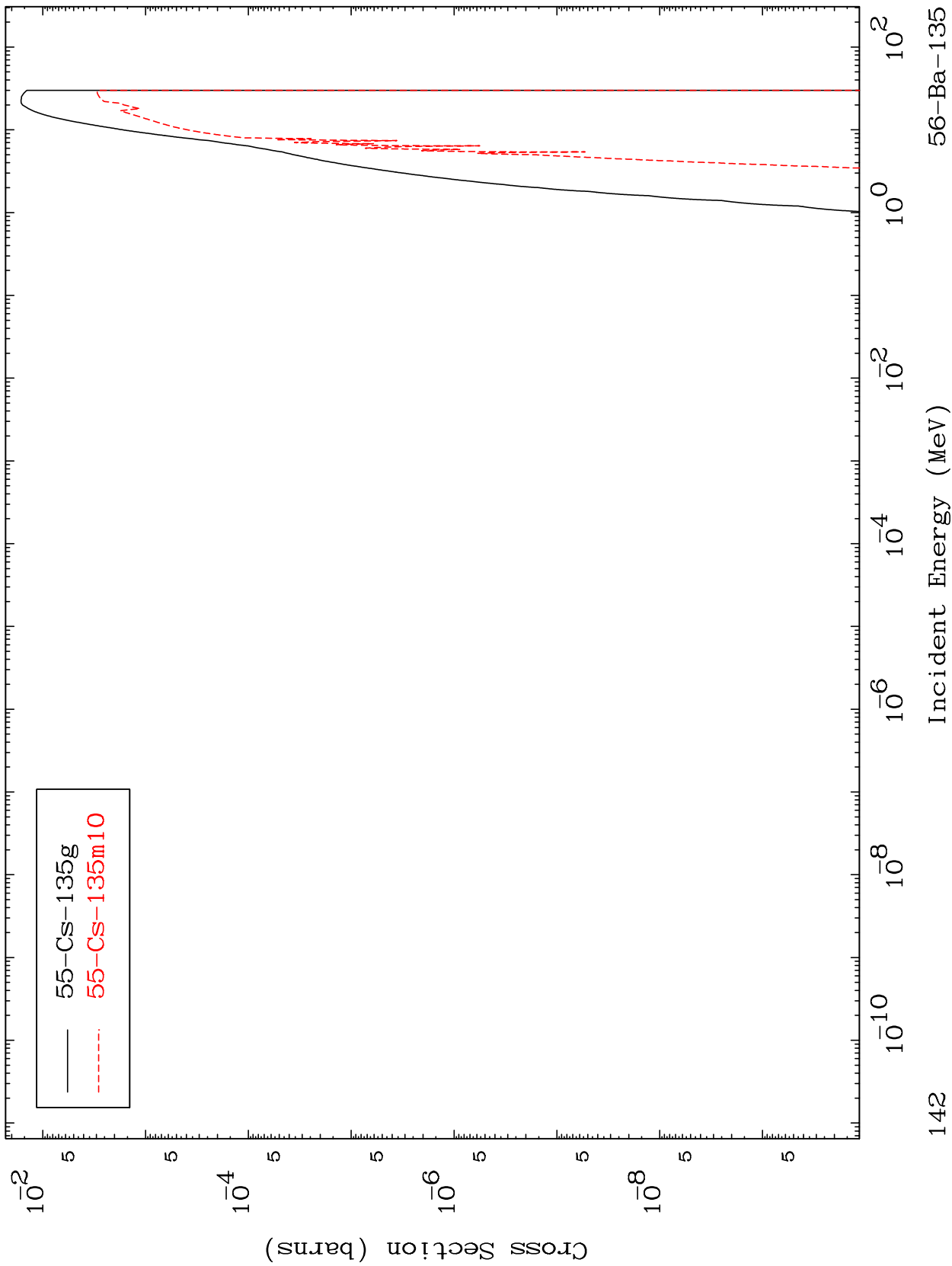
(n,γ)
Radionuclide Production Cross Section



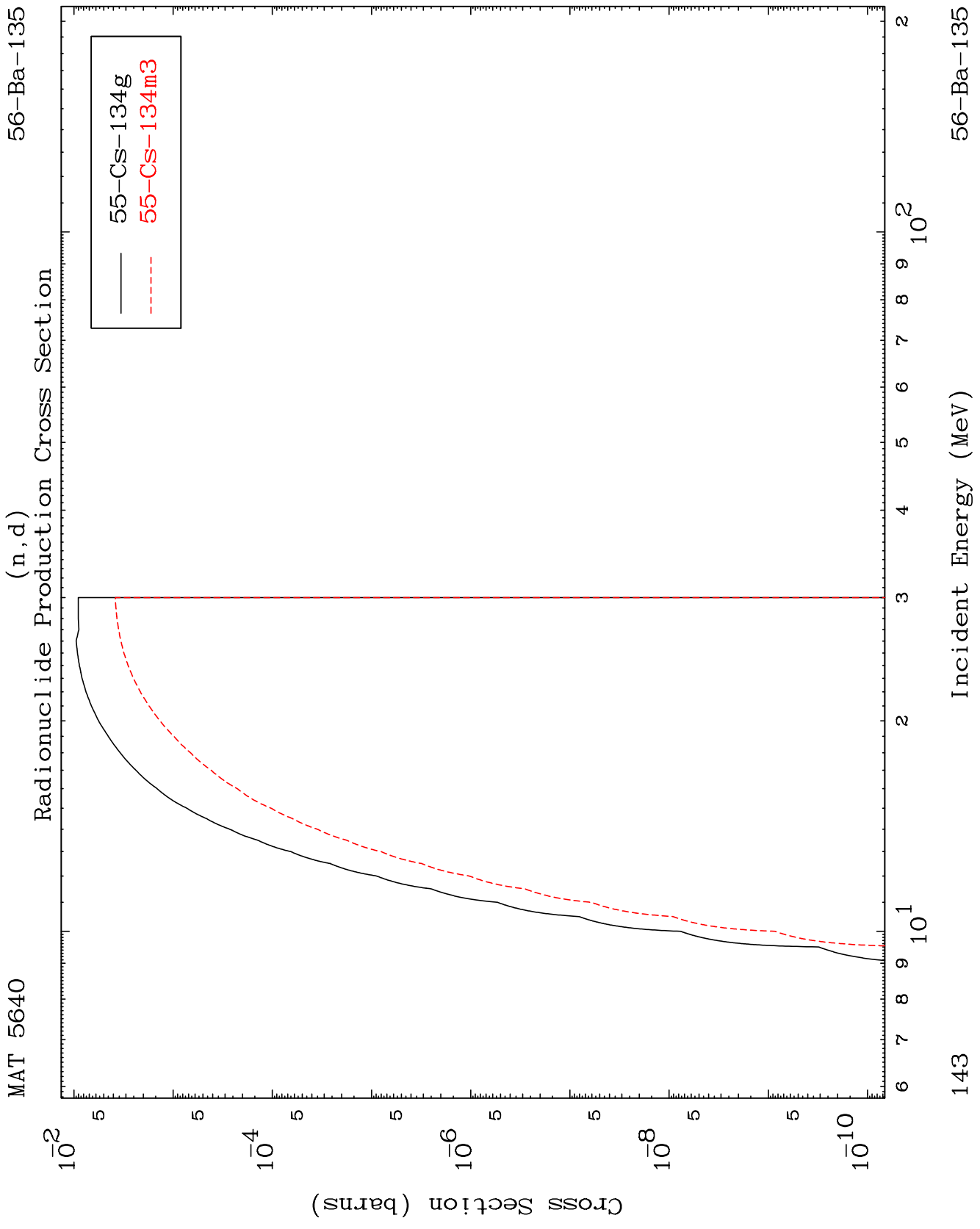
MAT 5640

56-Ba-135

(n,p)
Radionuclide Production Cross Section



142

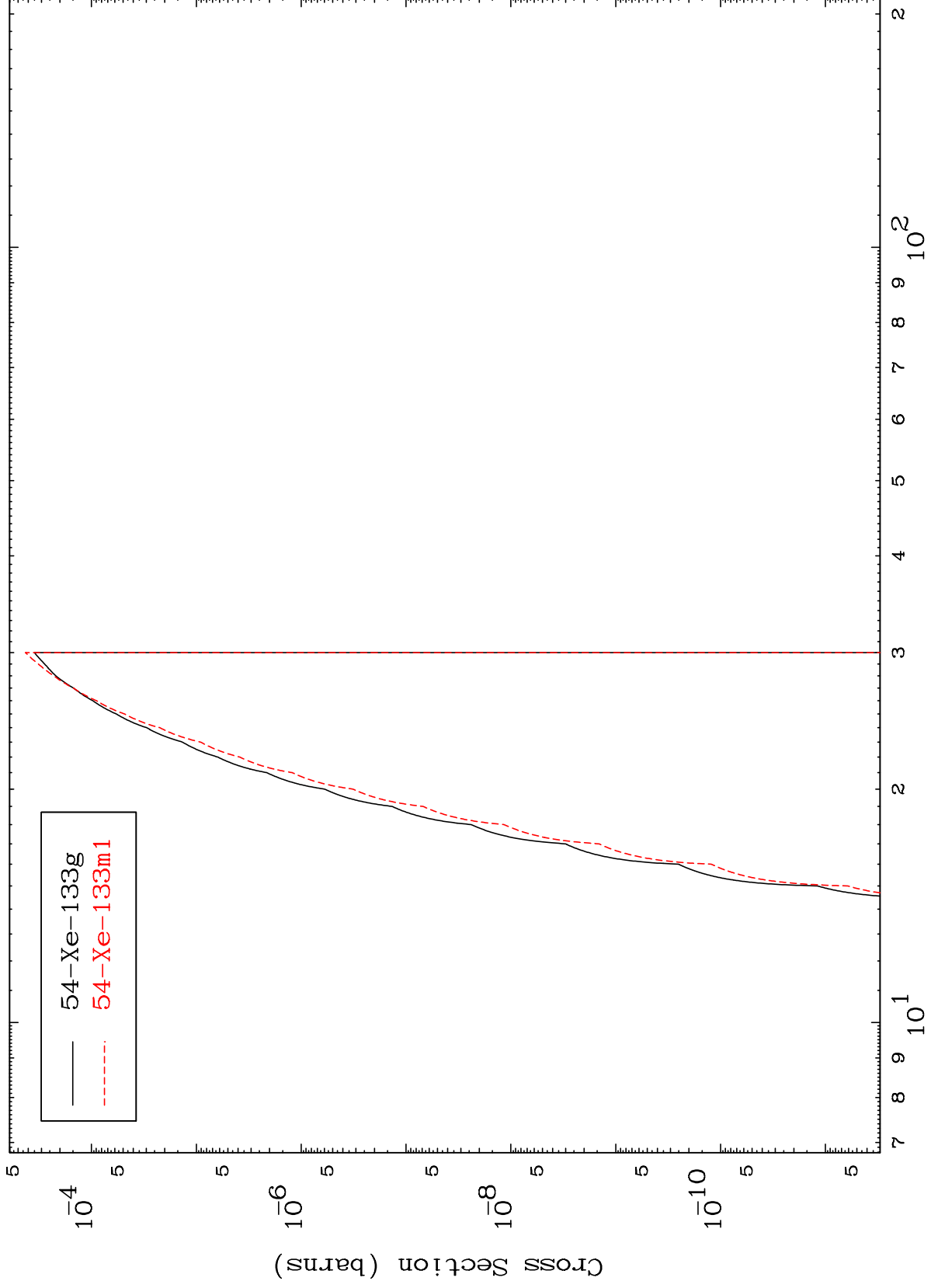


MAT 5640

(n,He-3)

56-Ba-135

Radionuclide Production Cross Section



144

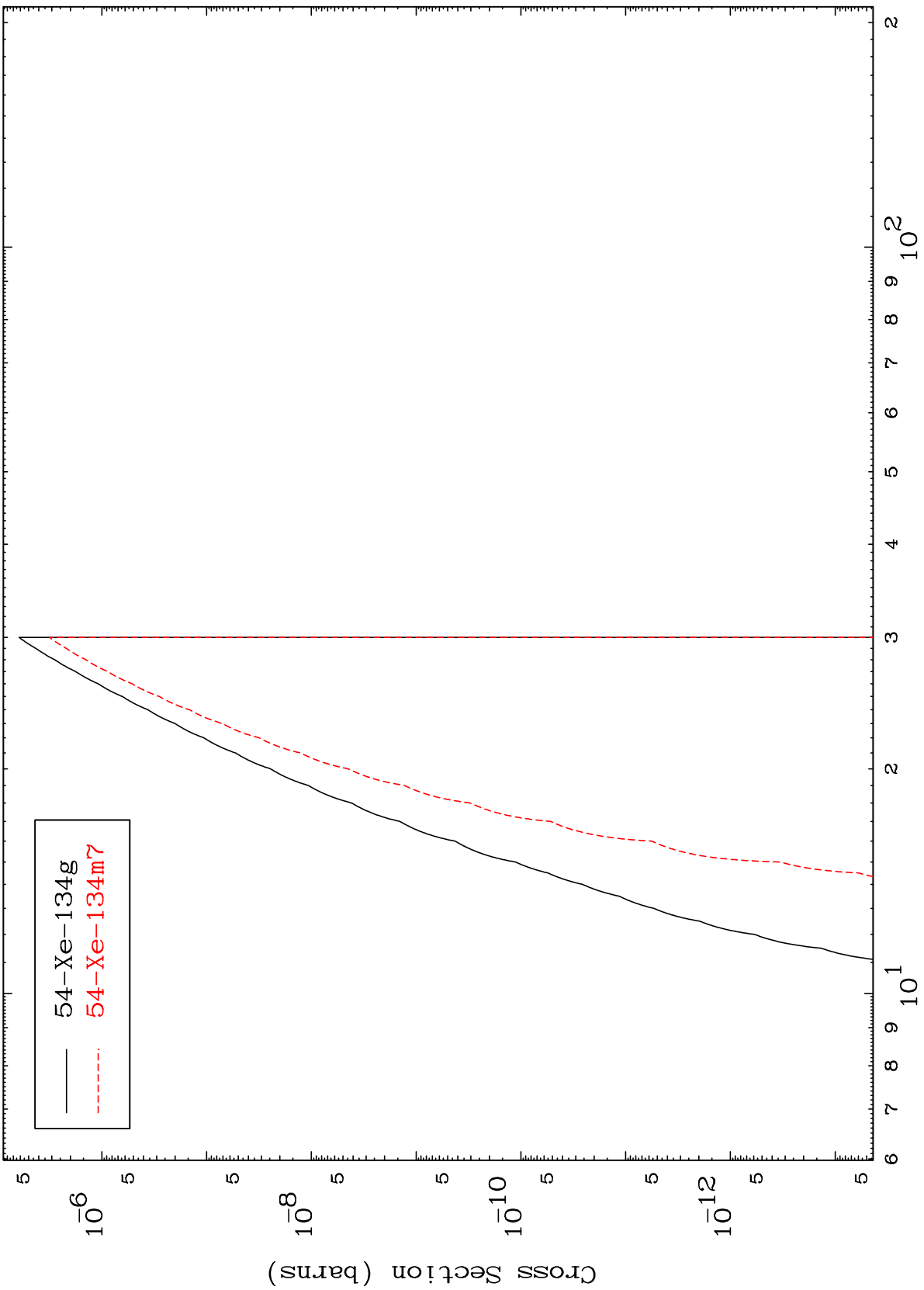
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

(n,2p)
Radionuclide Production Cross Section



145

Incident Energy (MeV)

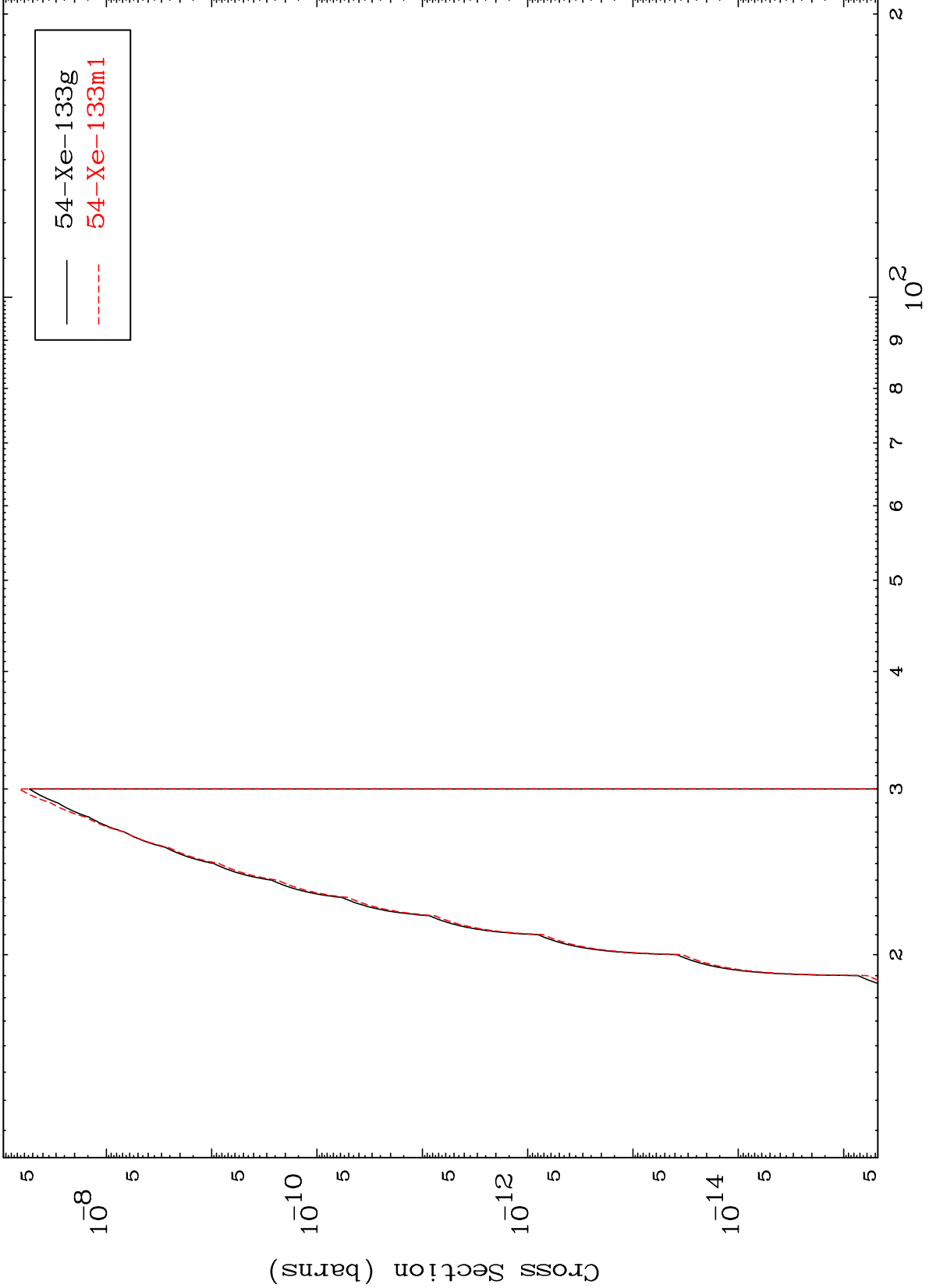
56-Ba-135

MAT 5640

(n,p) d

56-Ba-135

Radionuclide Production Cross Section



146

Incident Energy (MeV)

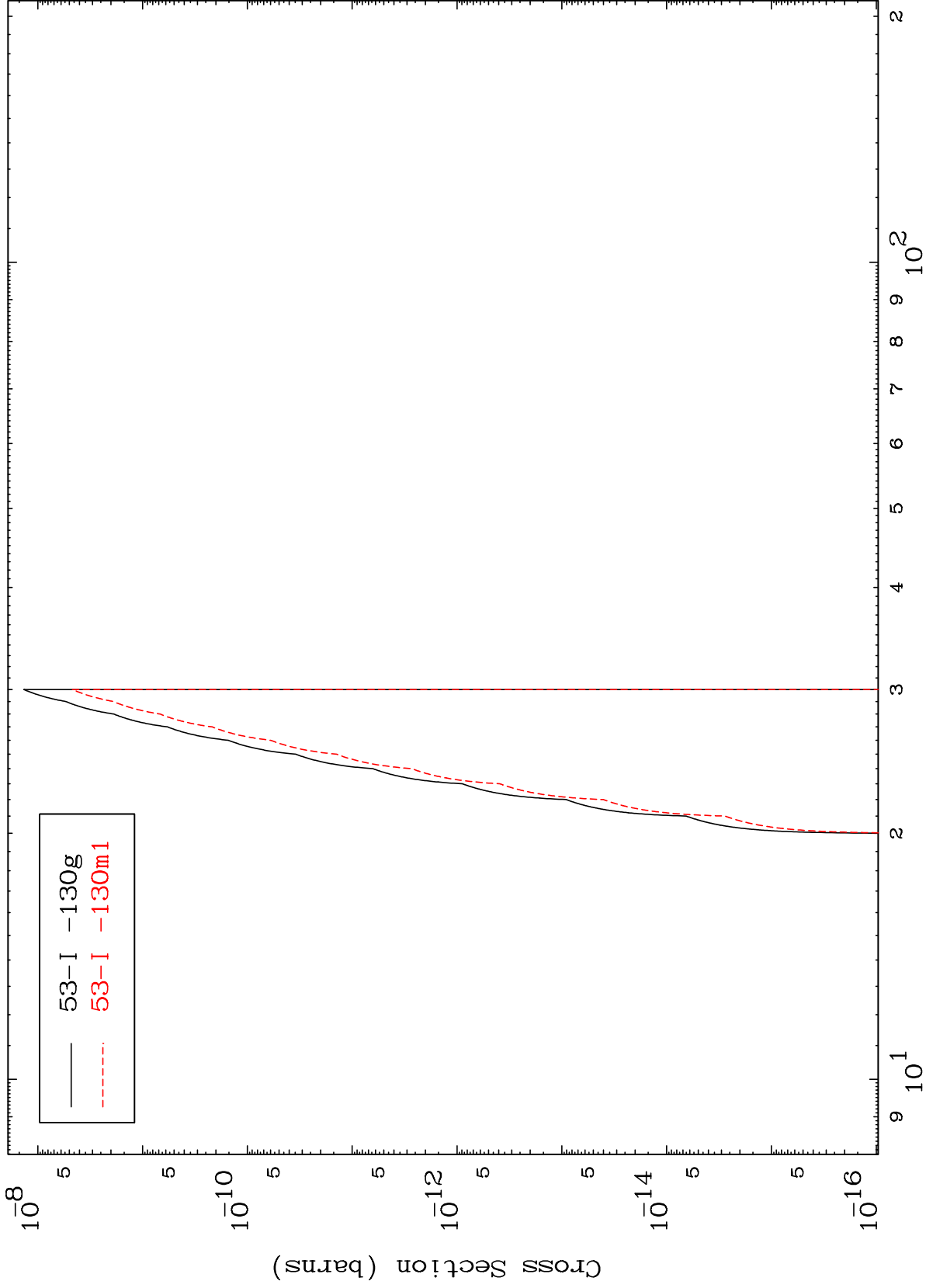
56-Ba-135

MAT 5640

(n,d) α

56-Ba-135

Radionuclide Production Cross Section



147

Incident Energy (MeV)

56-Ba-135