

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

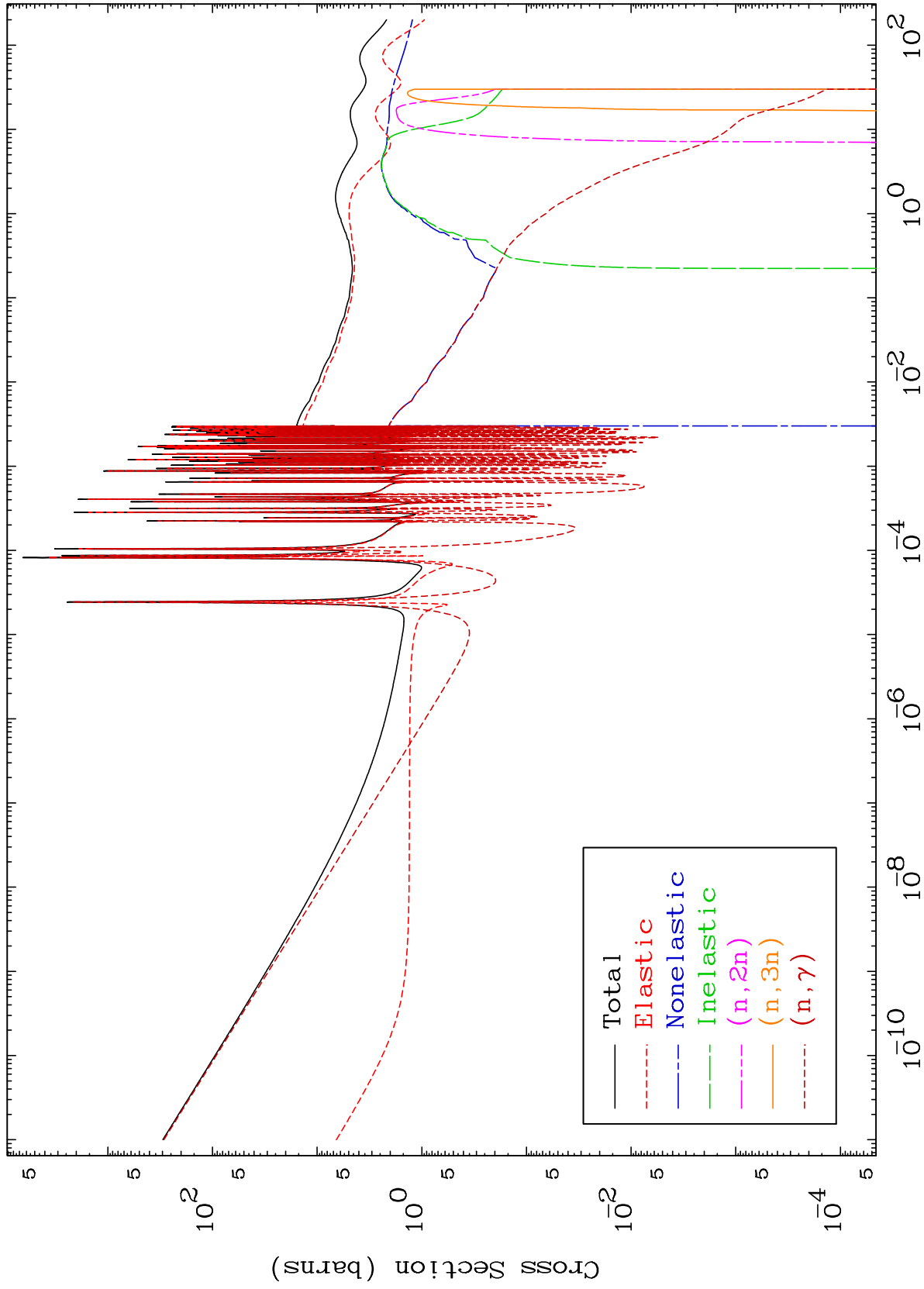
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5640

Neutron Major
293 Kelvin Cross Sections

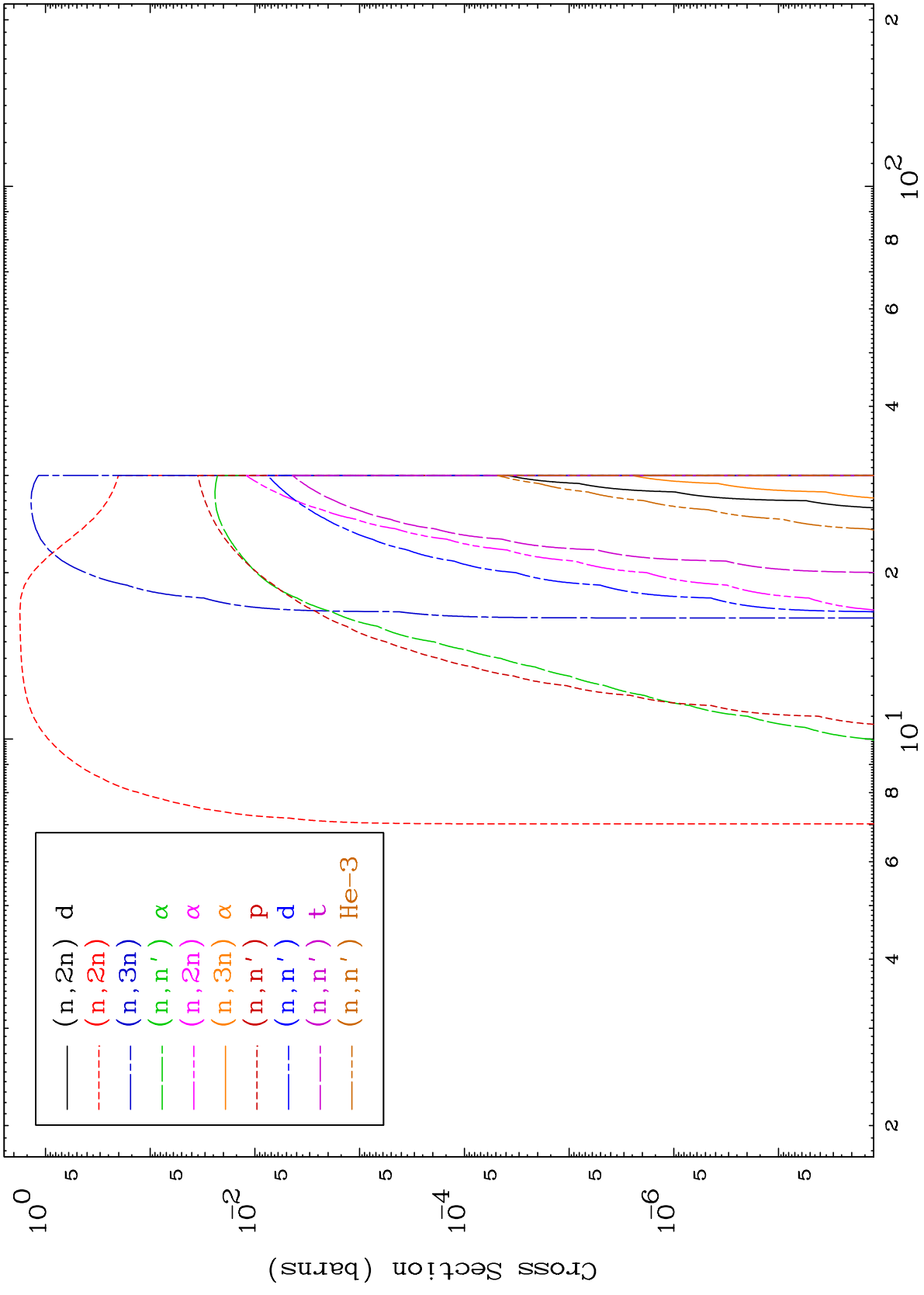
56-Ba-135



MAT 5640

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-135



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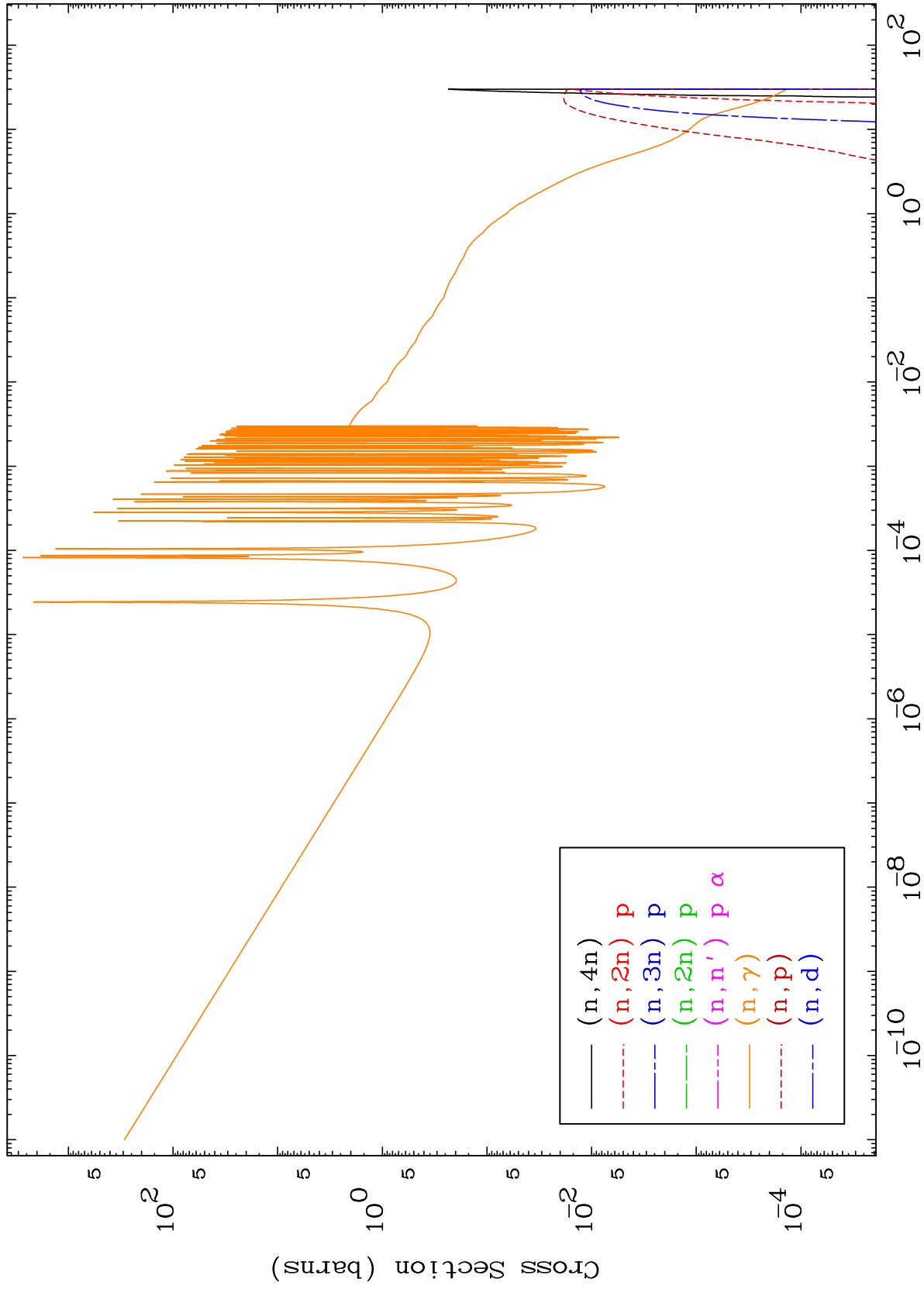
Incident Energy (MeV)

56-Ba-135

MAT 5640

Neutron Absorption
293 Kelvin Cross Sections

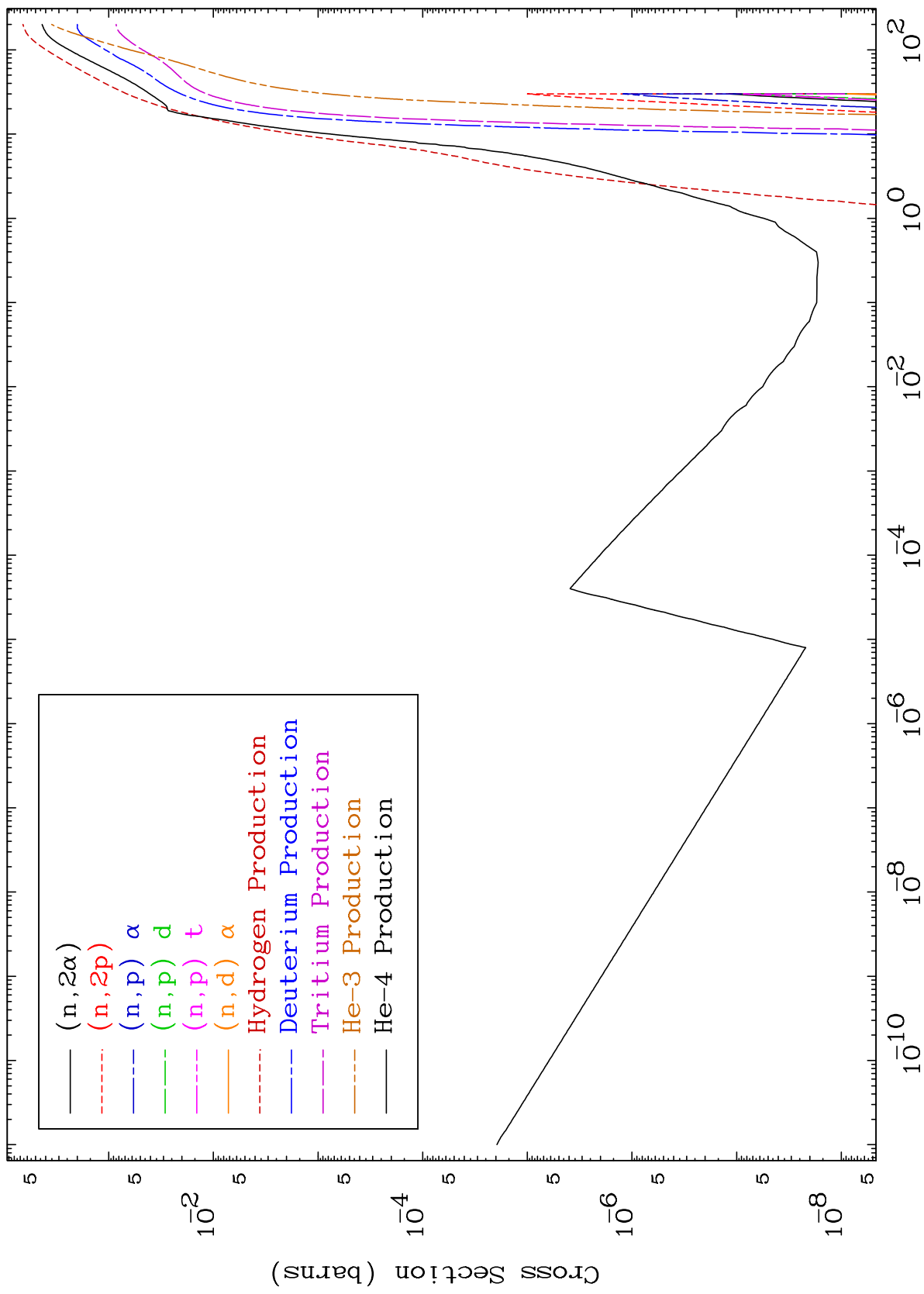
56-Ba-135



MAT 5640

Neutron Absorption
293 Kelvin Cross Sections

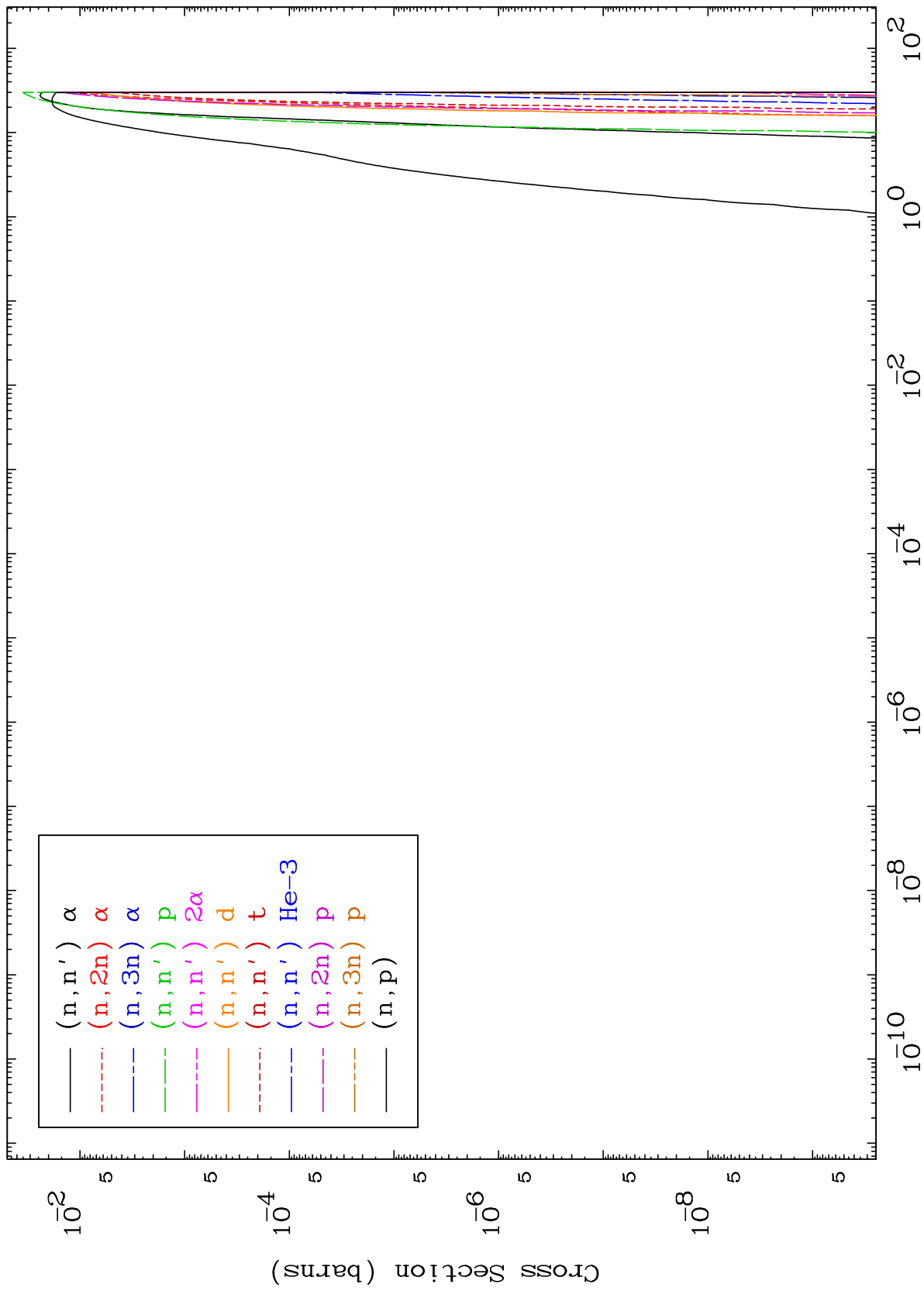
56-Ba-135



MAT 5640

Charged Particle
293 Kelvin Cross Sections

56-Ba-135

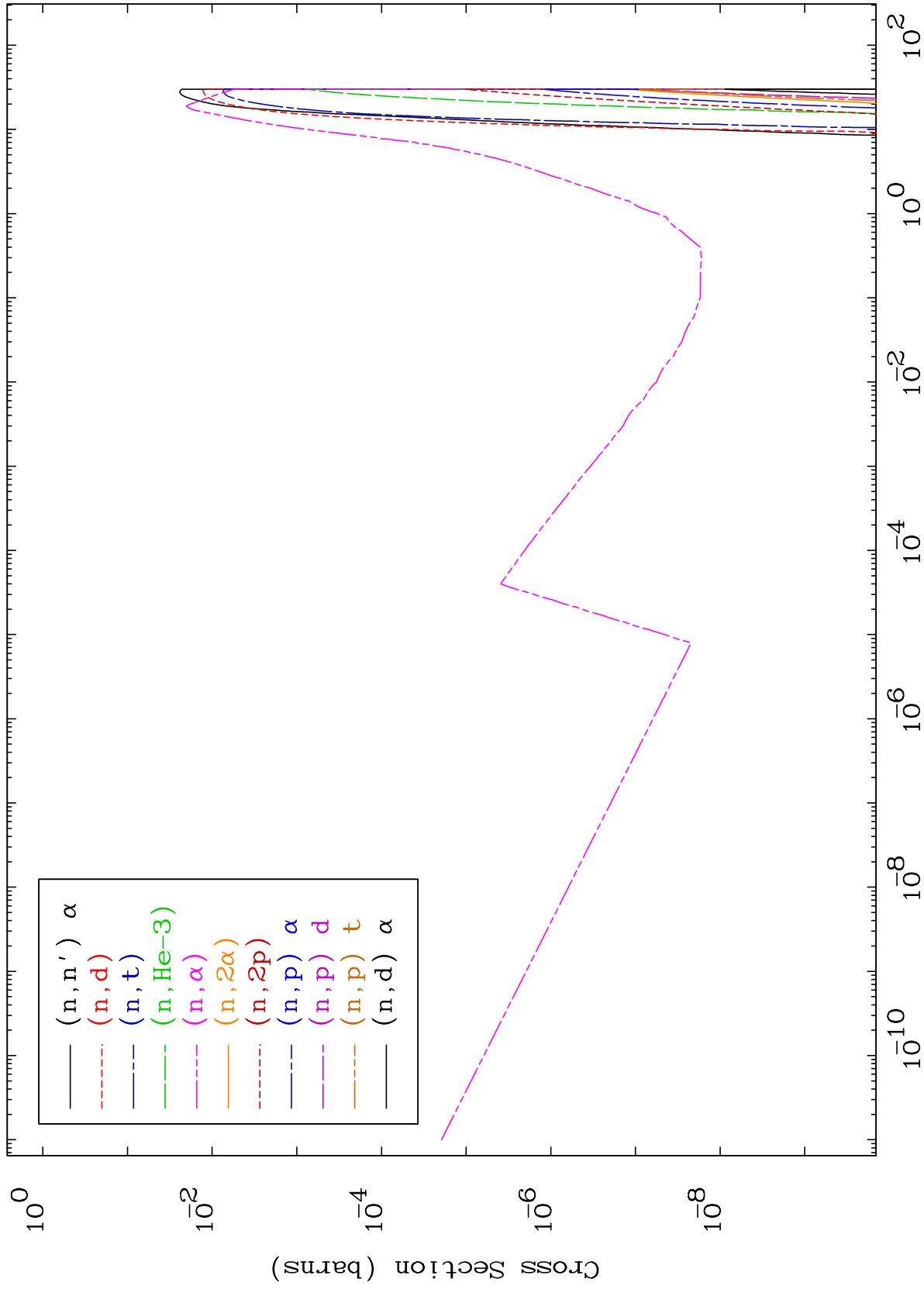


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MAT 5640

Charged Particle
293 Kelvin Cross Sections

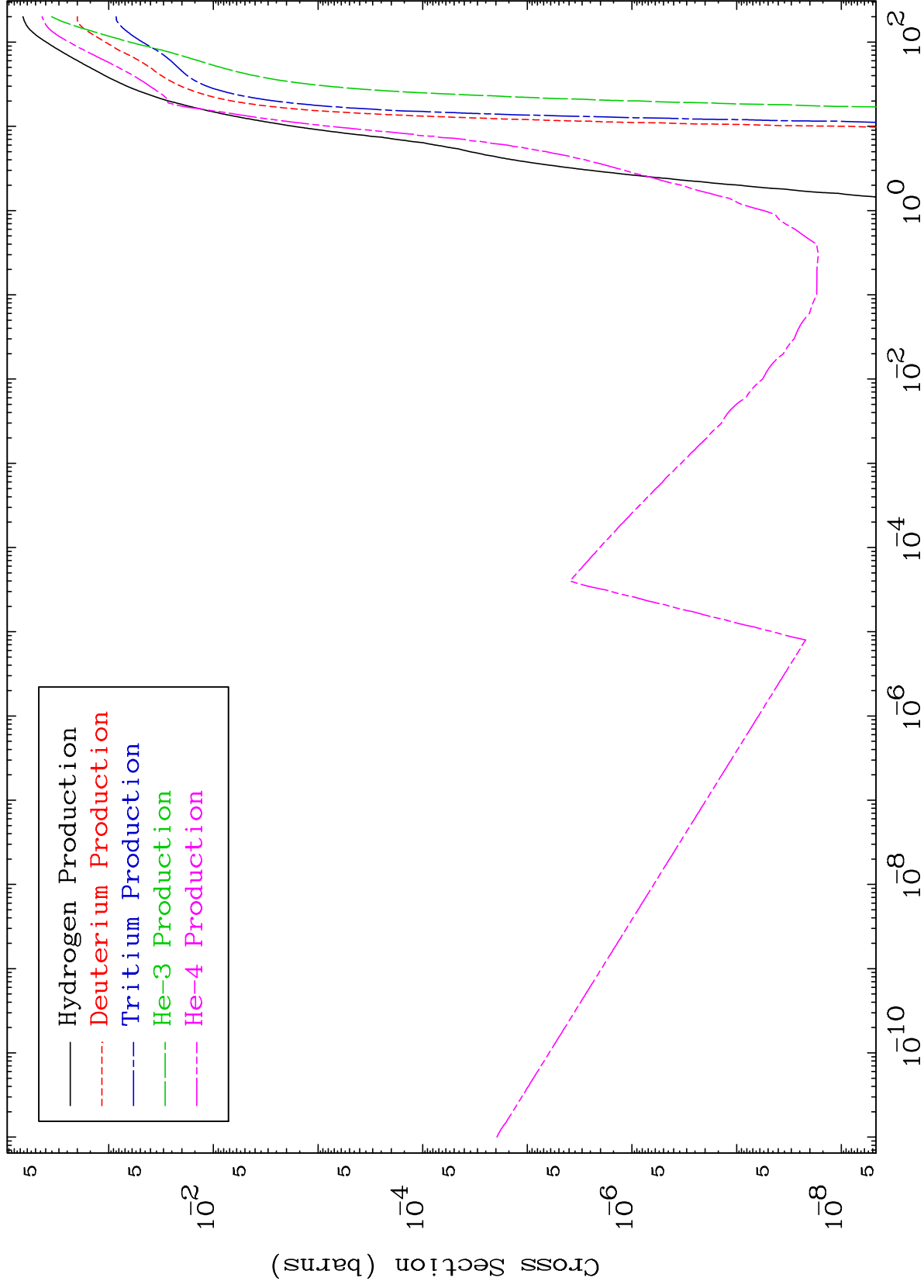
56-Ba-135



MAT 5640

Particle Production
293 Kelvin Cross Sections

56-Ba-135



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Incident Energy (MeV)

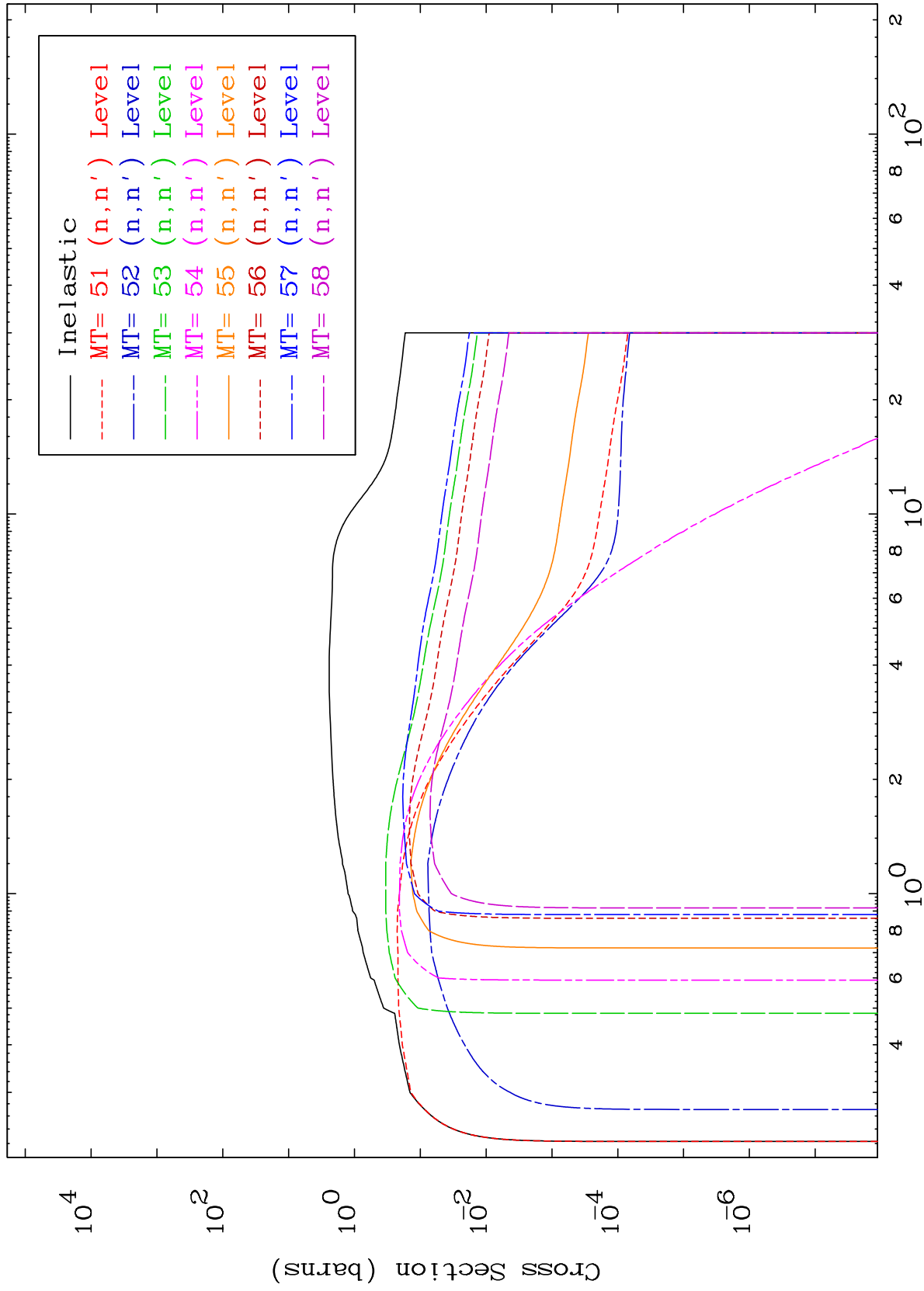
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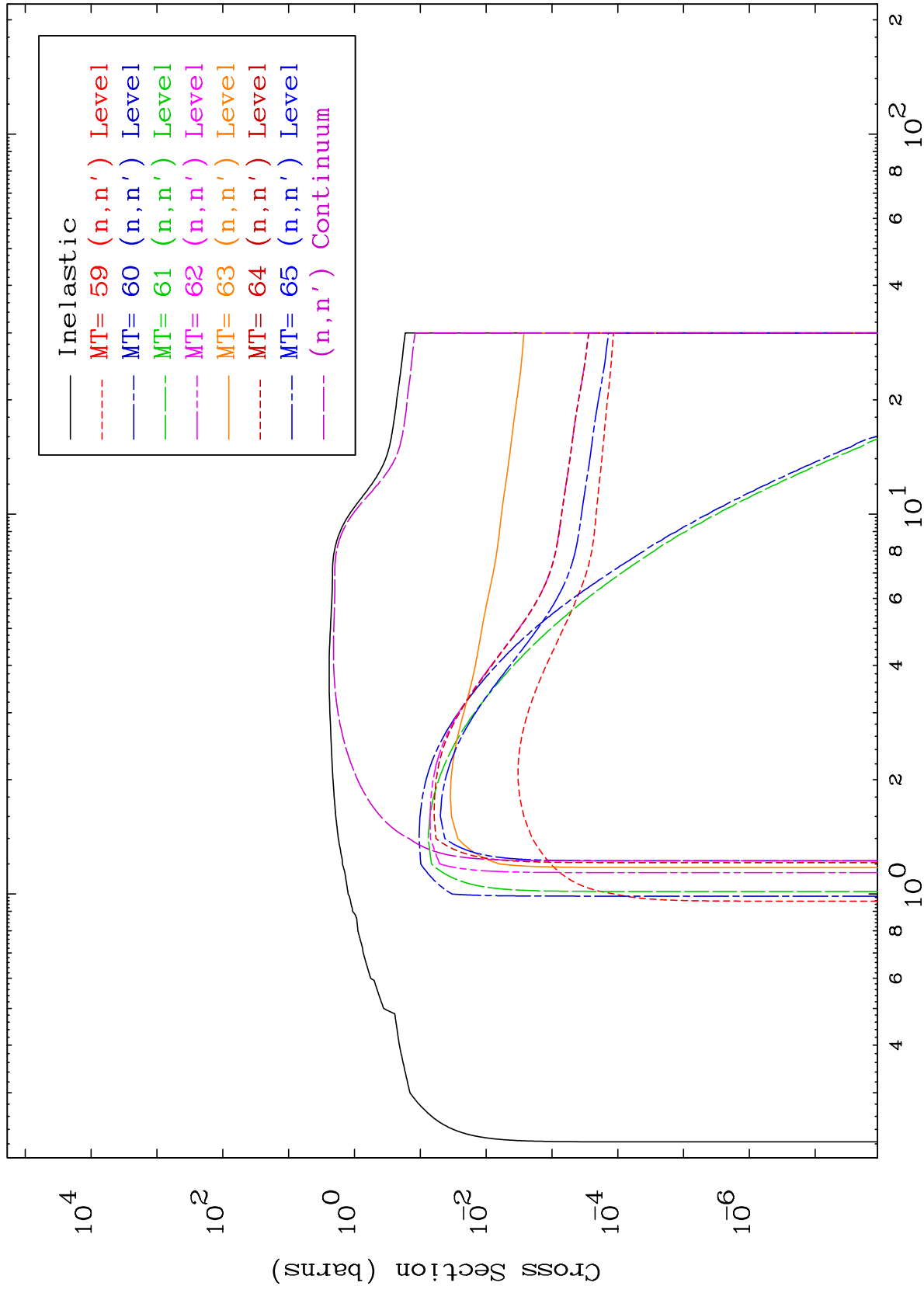
MAT 5640

(n,n') Levels

56-Ba-135

293 Kelvin Cross Sections



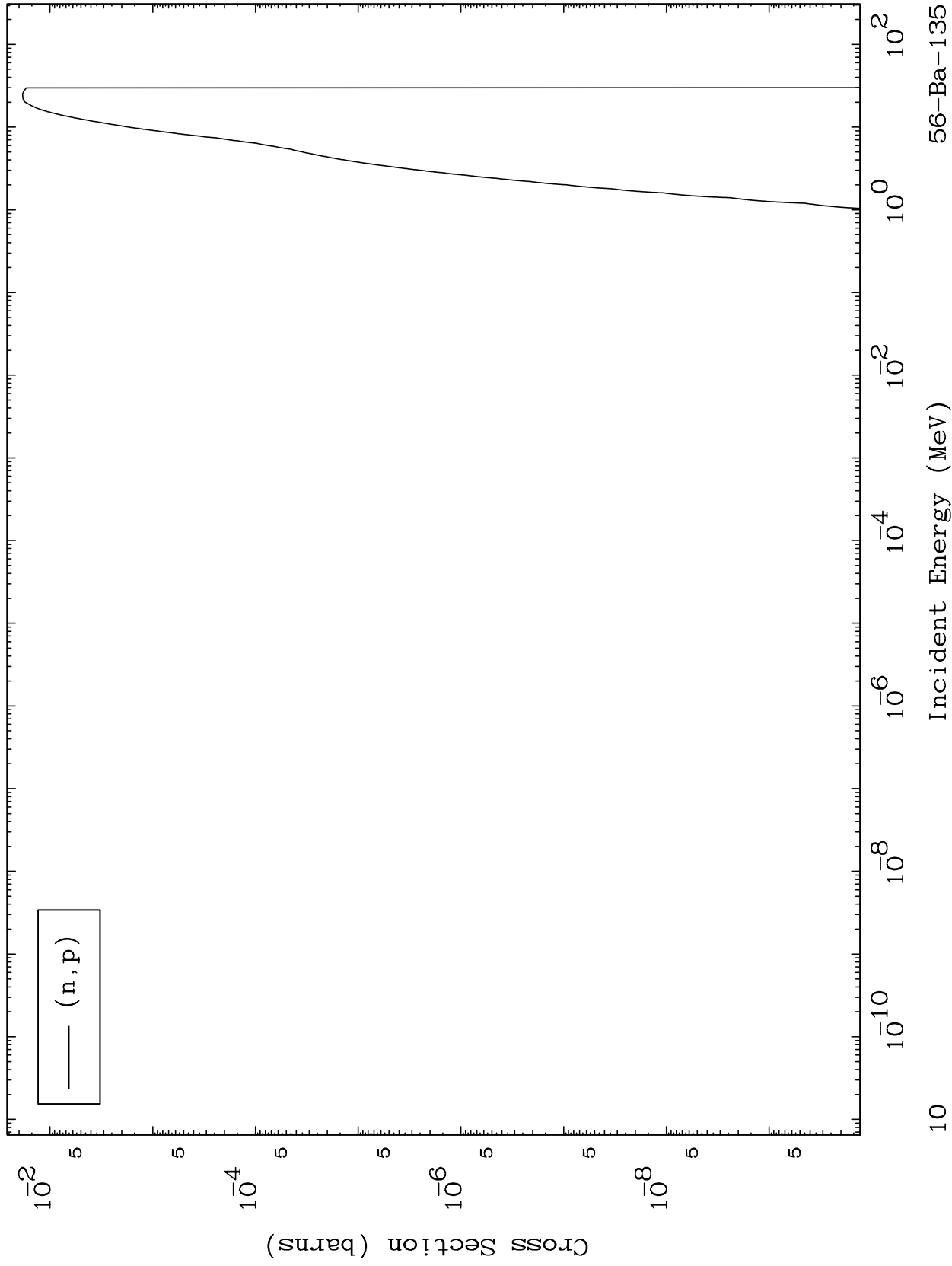


MAT 5640

(n,p) Levels

56-Ba-135

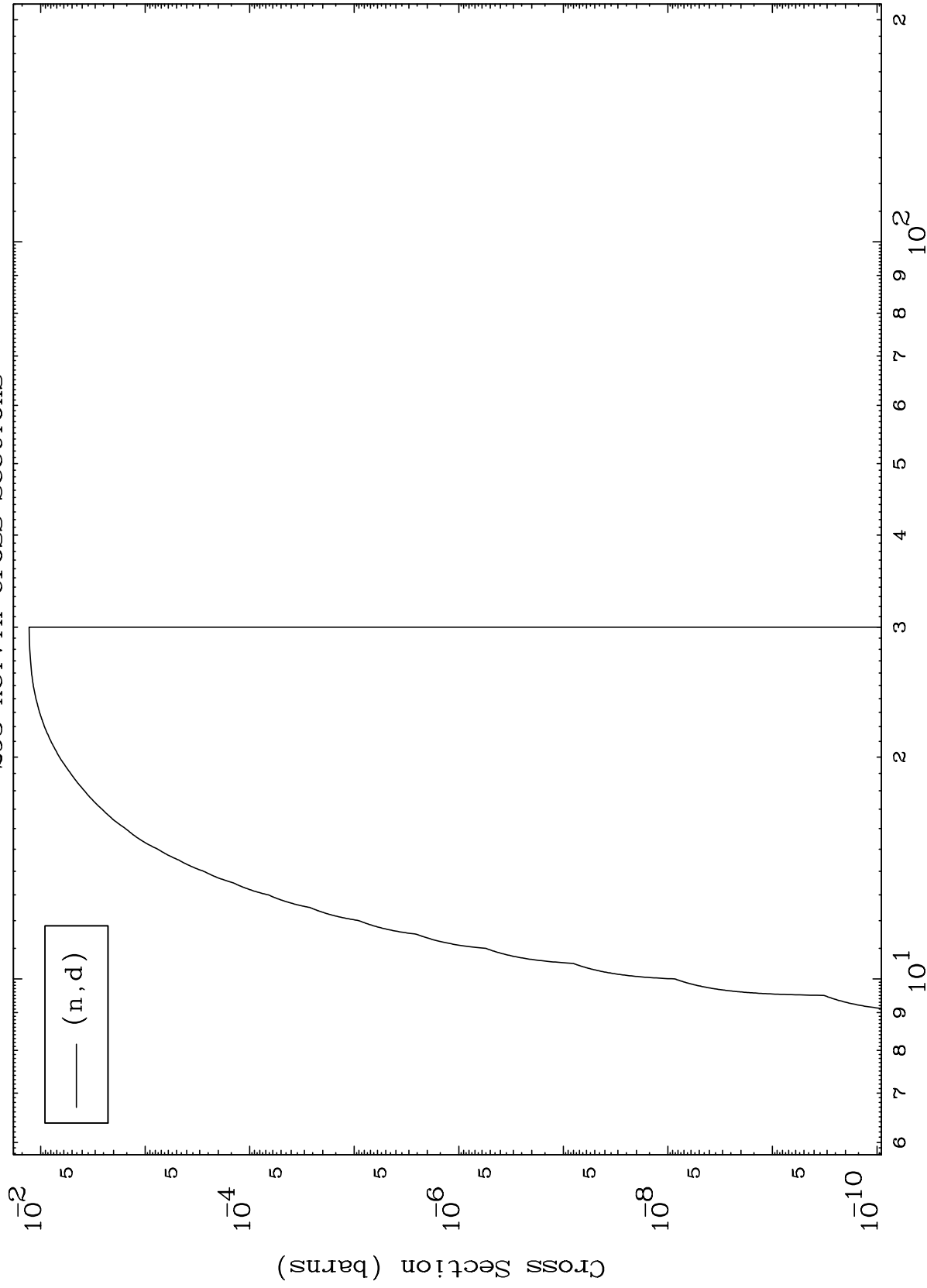
293 Kelvin Cross Sections



MAT 5640

56-Ba-135

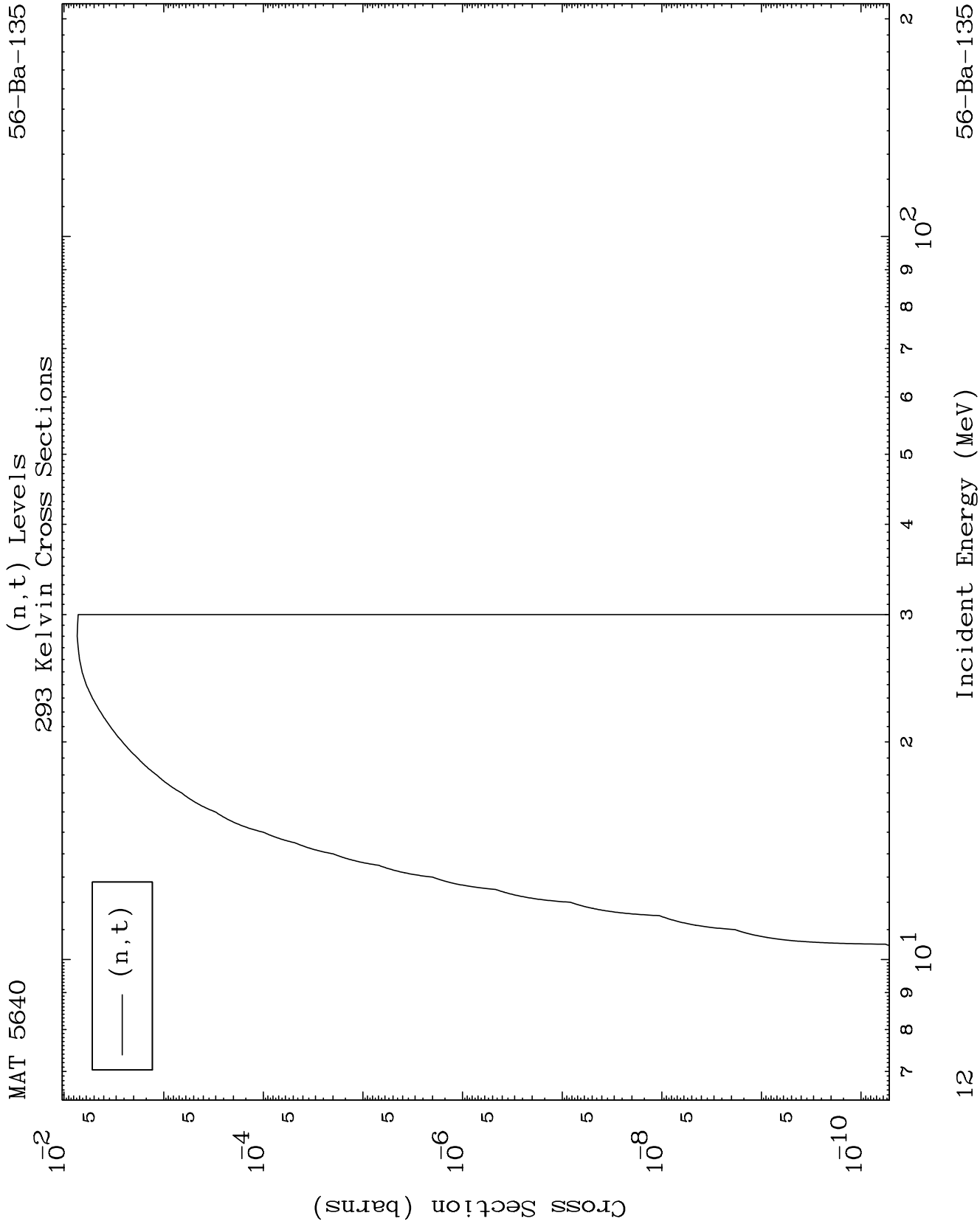
(n,d) Levels
293 Kelvin Cross Sections



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Incident Energy (MeV)

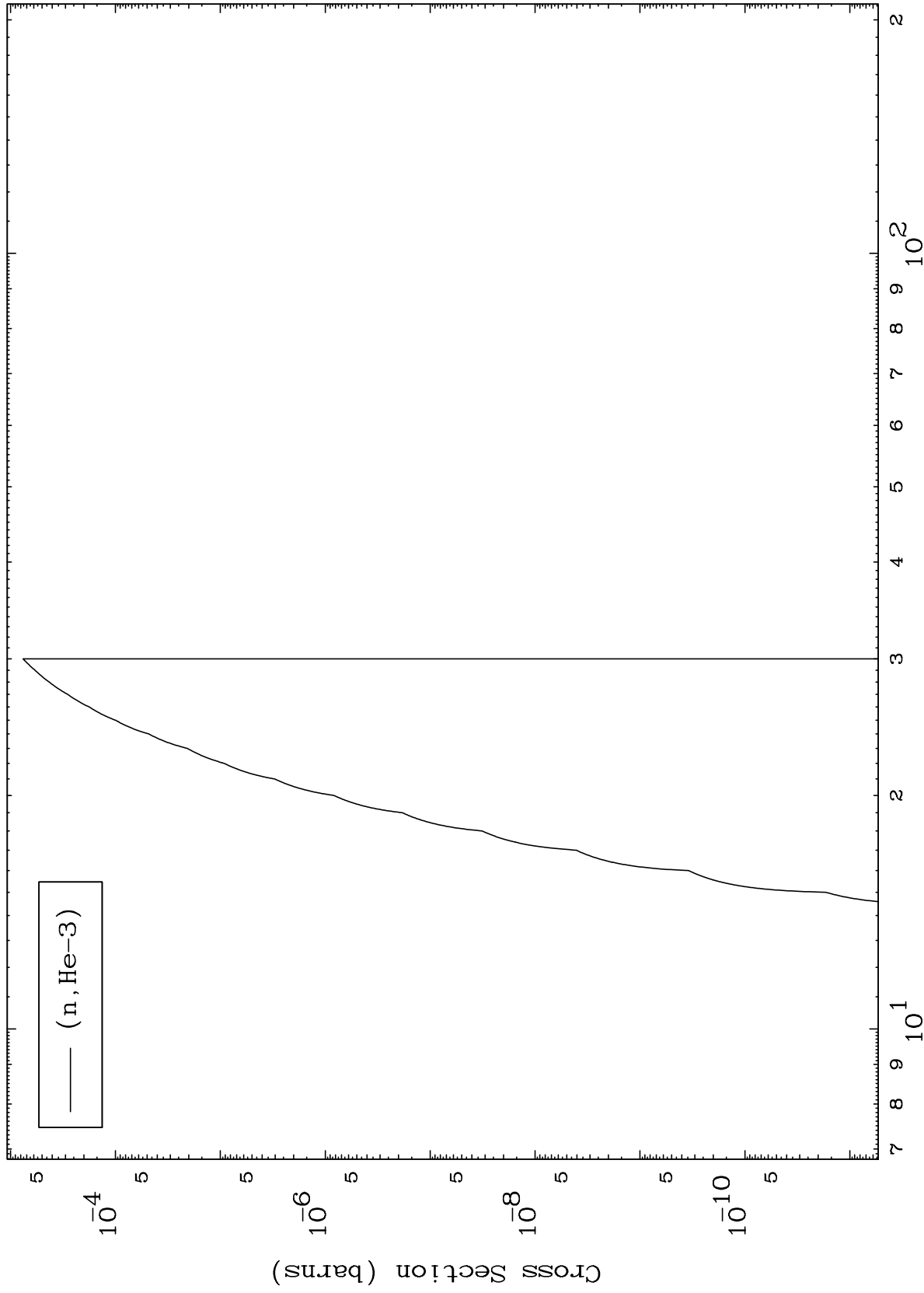
56-Ba-135



MAT 5640

56-Ba-135

(n,He3) Levels
293 Kelvin Cross Sections



13

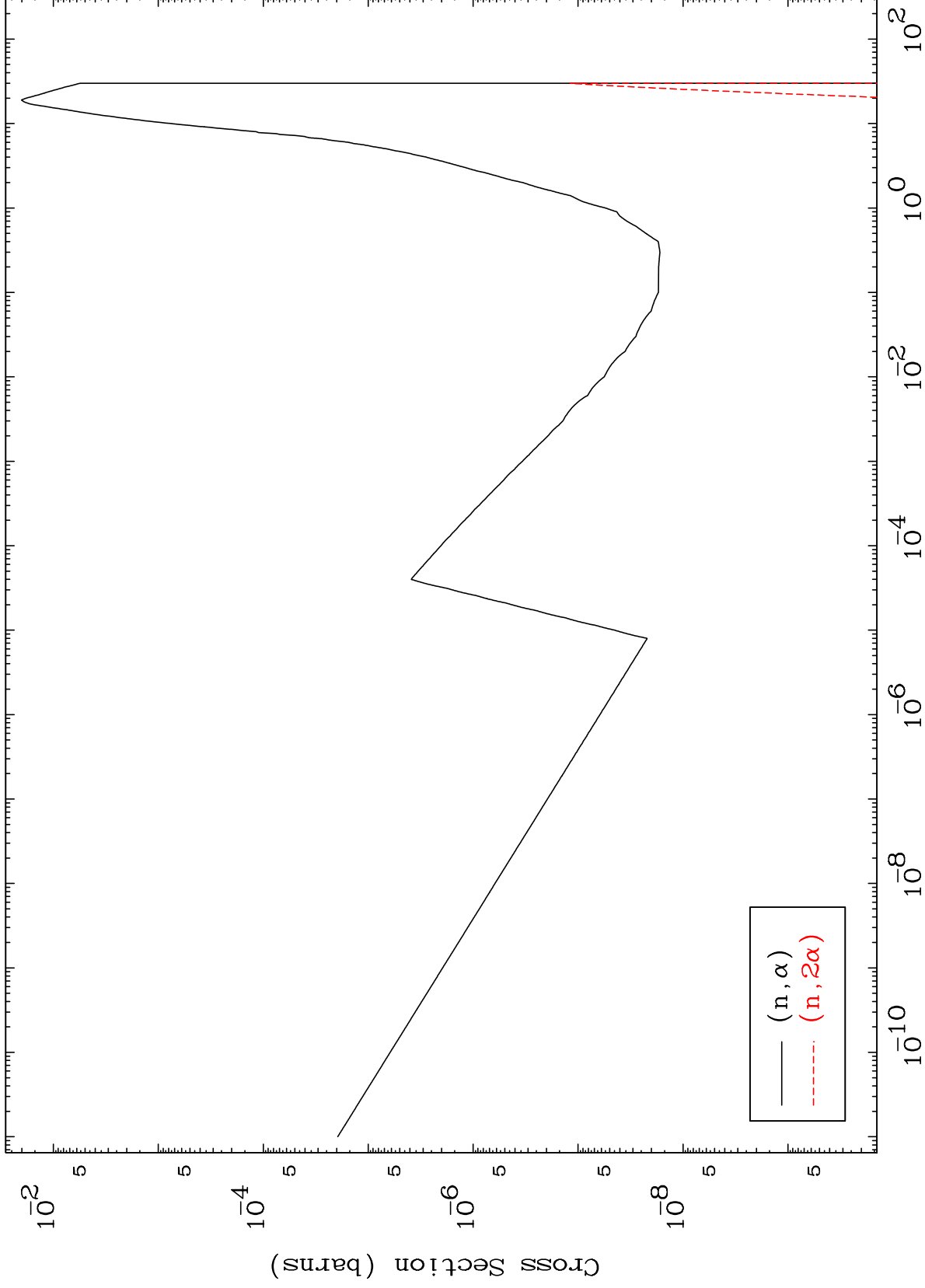
Incident Energy (MeV)

56-Ba-135

MAT 5640

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-135



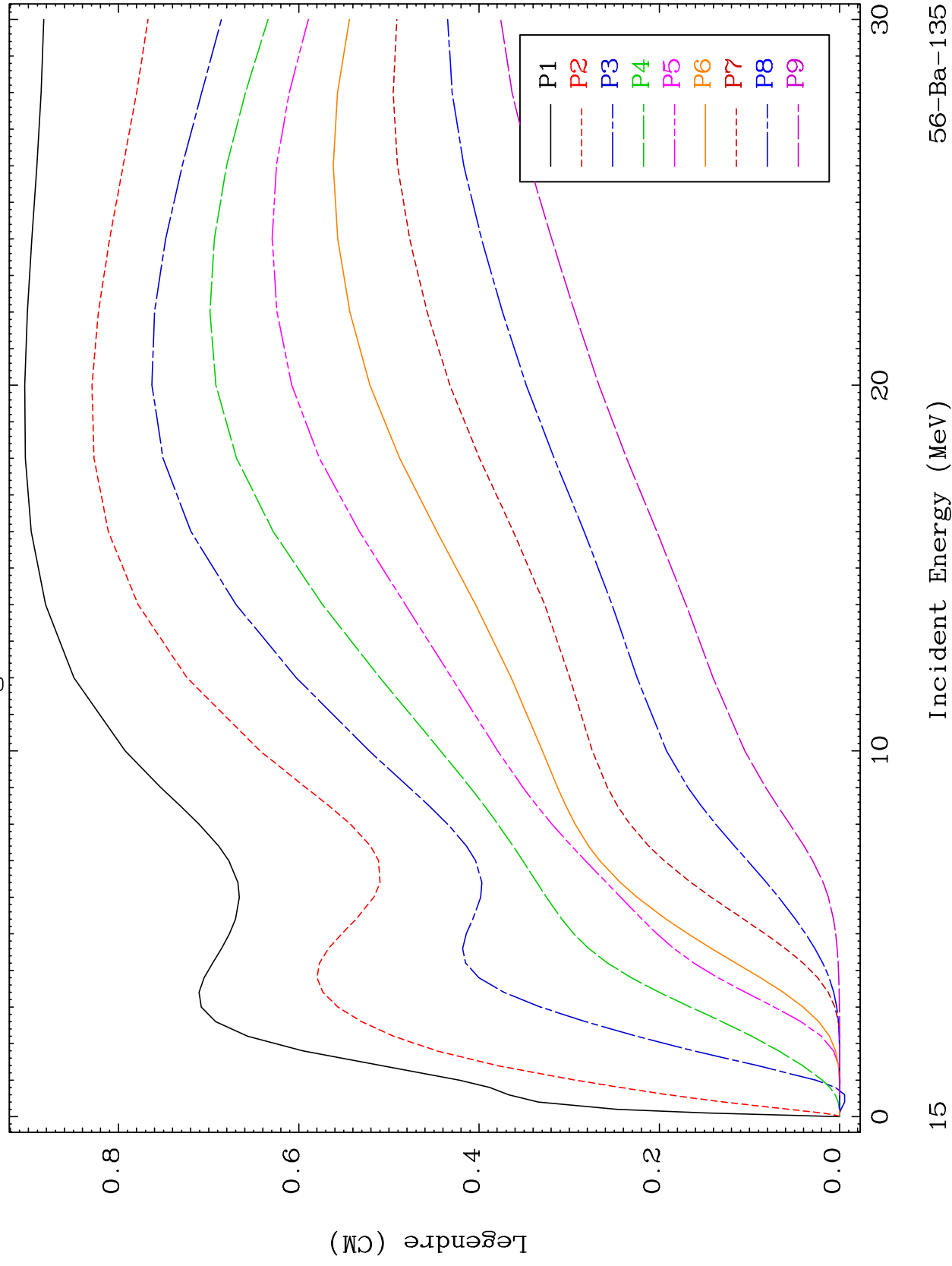
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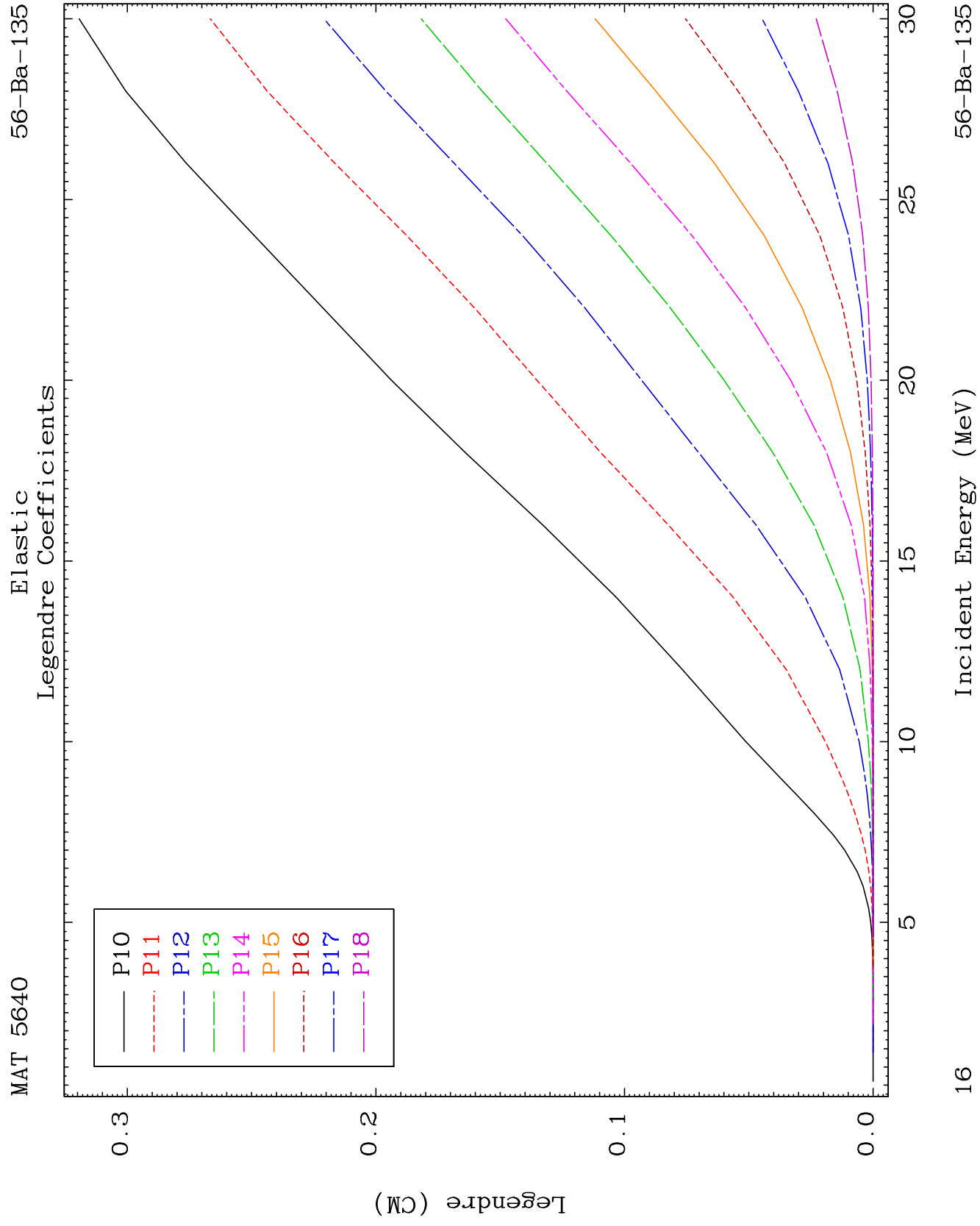
Incident Energy (MeV)

56-Ba-135

56-Ba-135

56-Ba-135

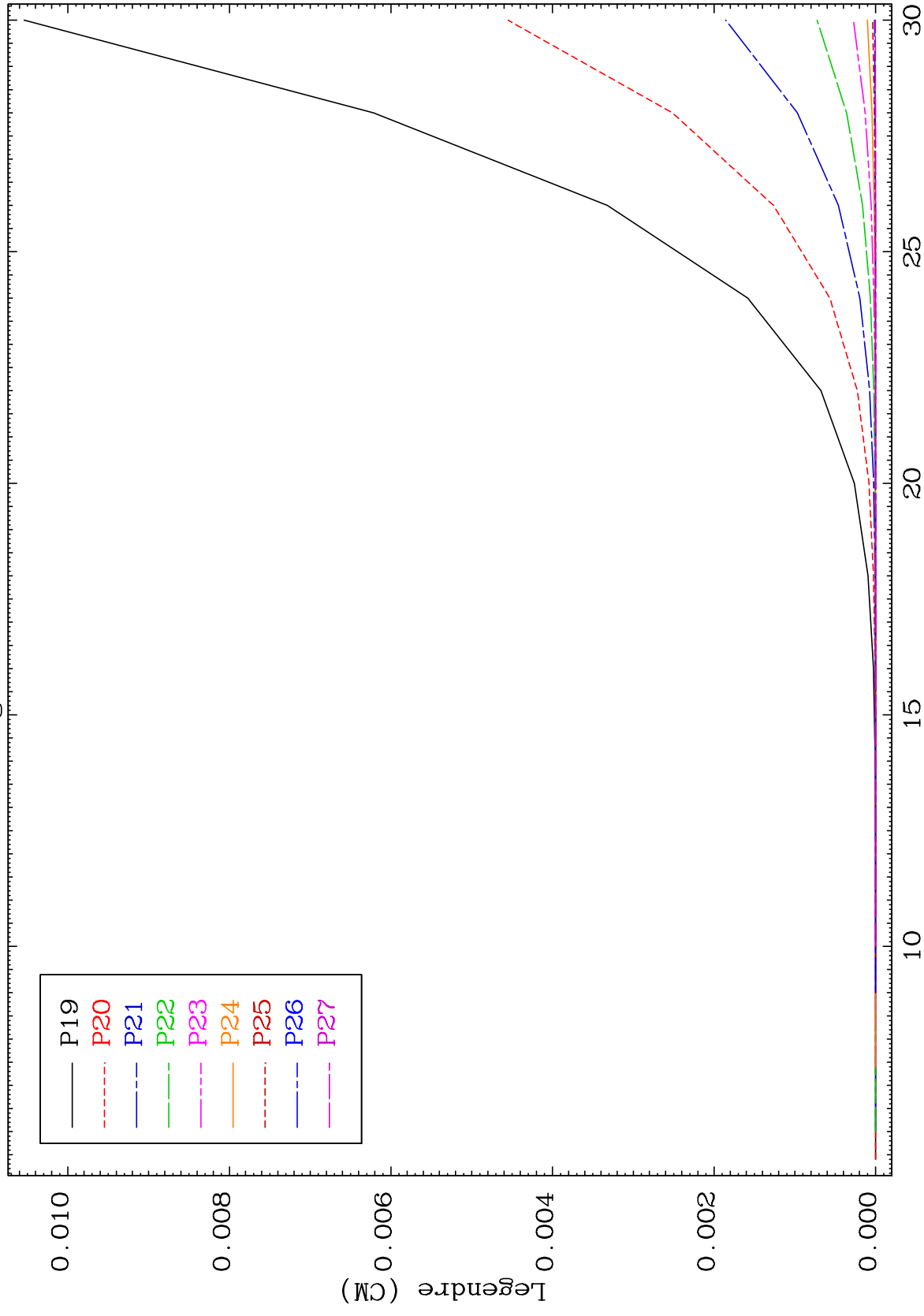




MAT 5640

Elastic Legendre Coefficients

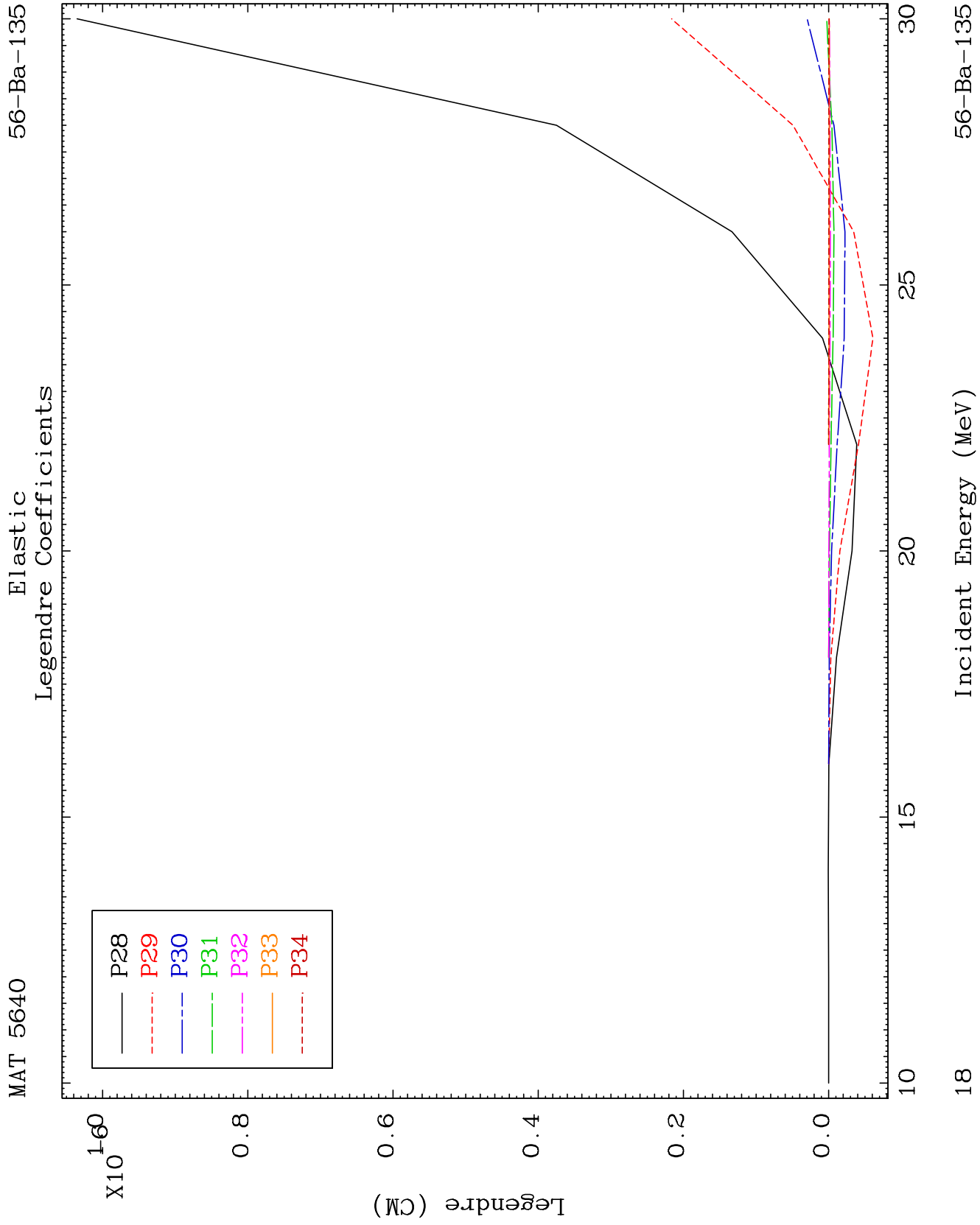
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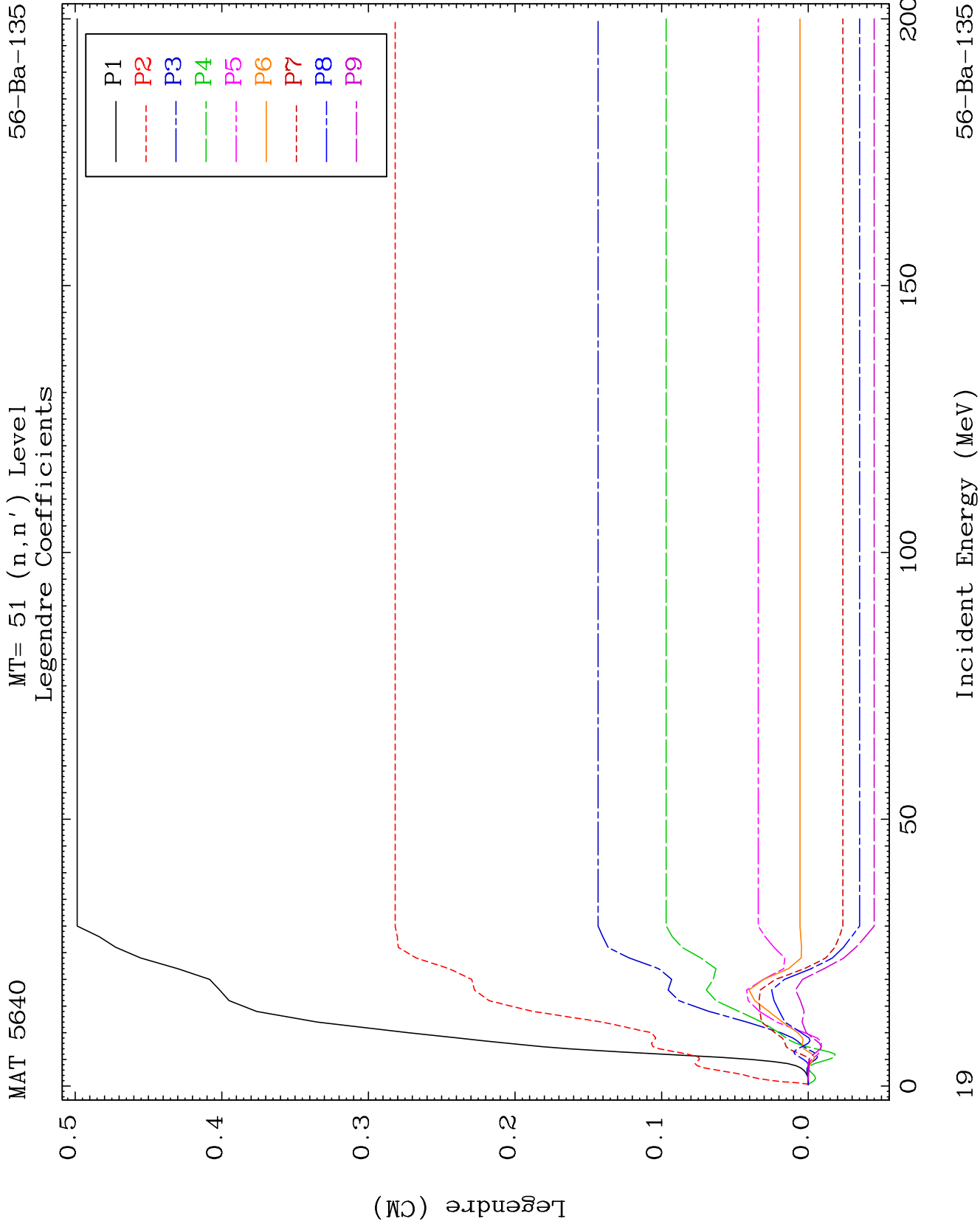


21

Incident Energy (MeV)

56-Ba-135

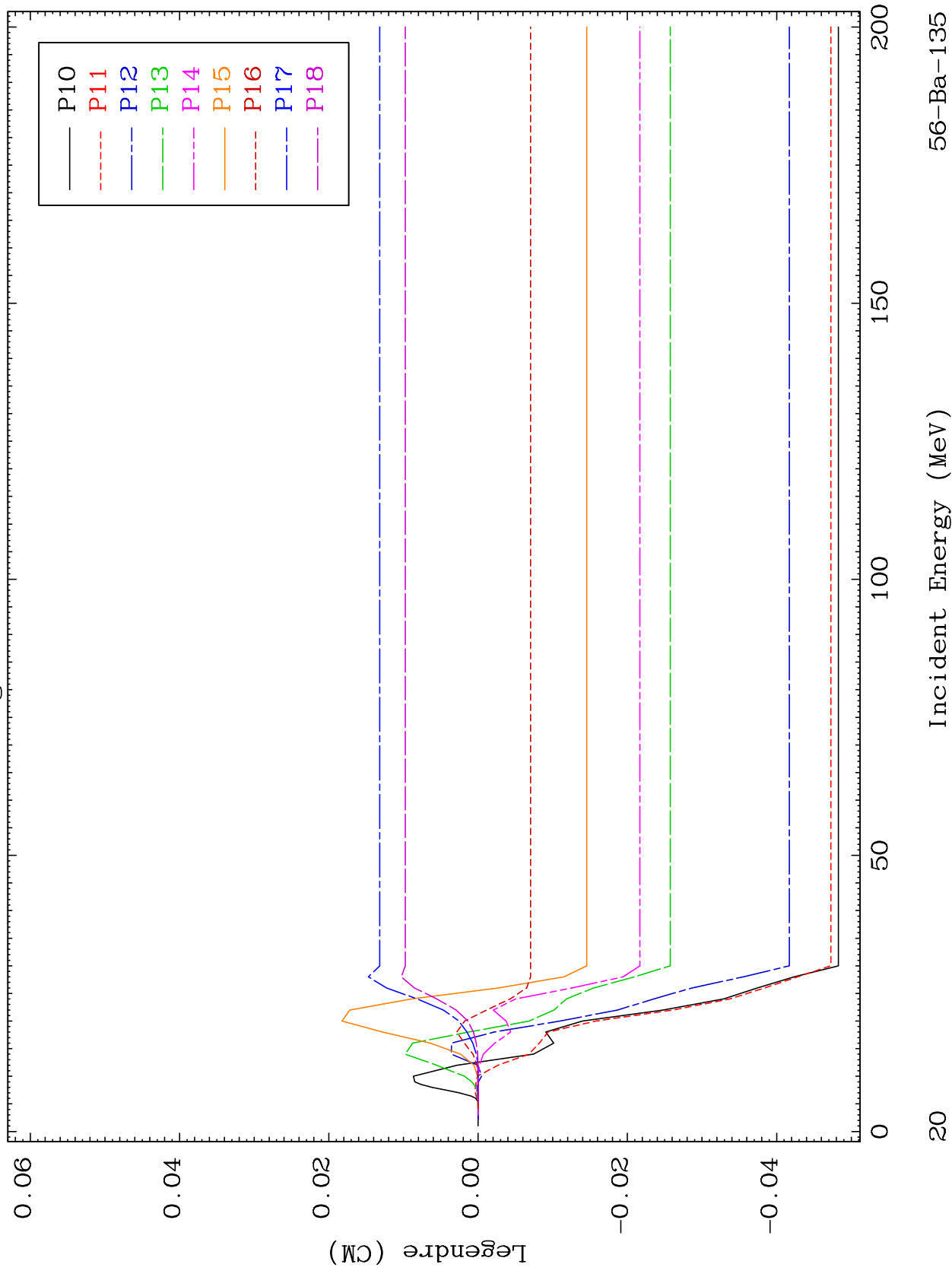




MAT 5640

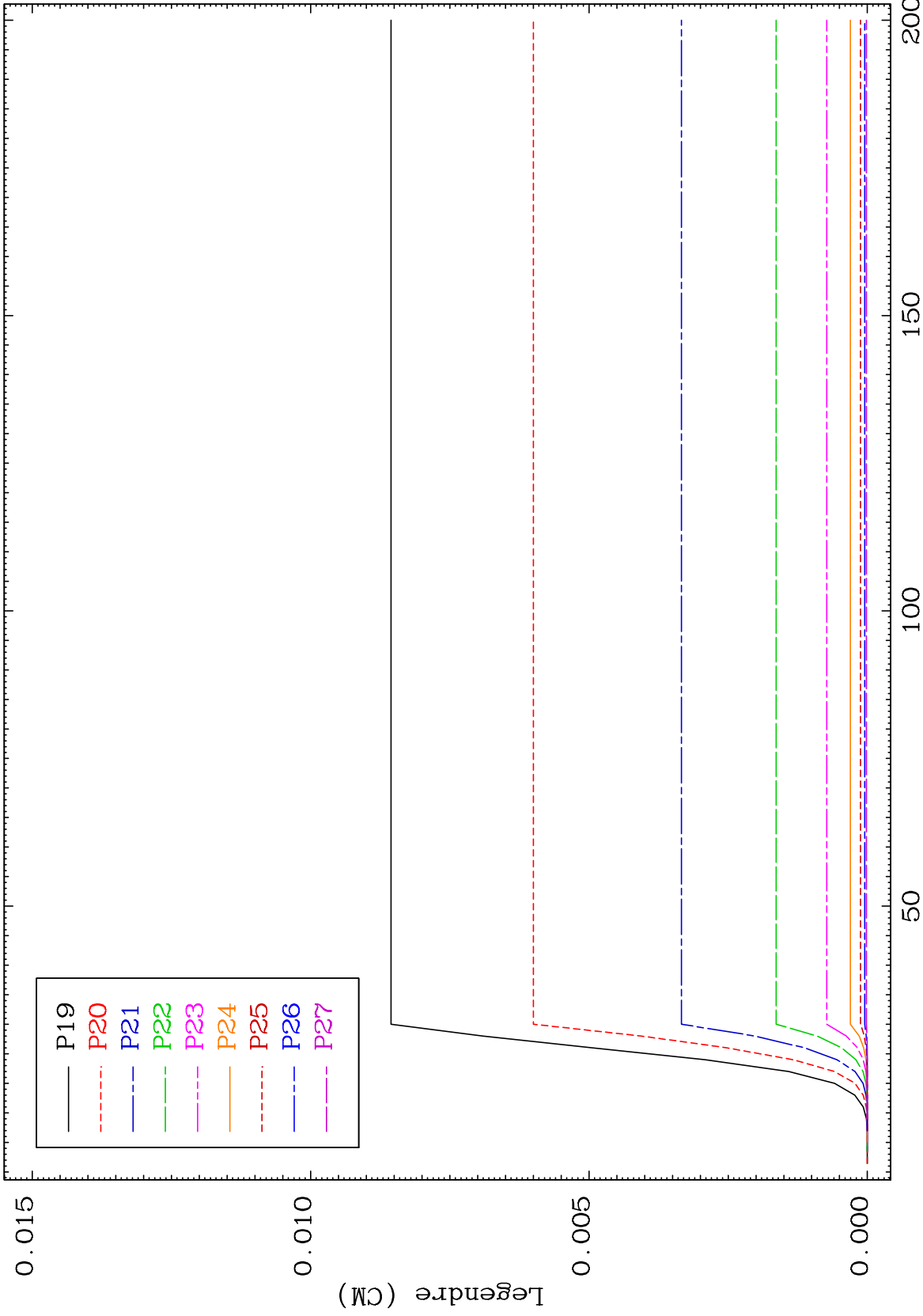
MT= 51 (n, n') Level
Legendre Coefficients

56-Ba-135



MAT 5640 MT= 51 (n,n') Level Legendre Coefficients

56-Ba-135



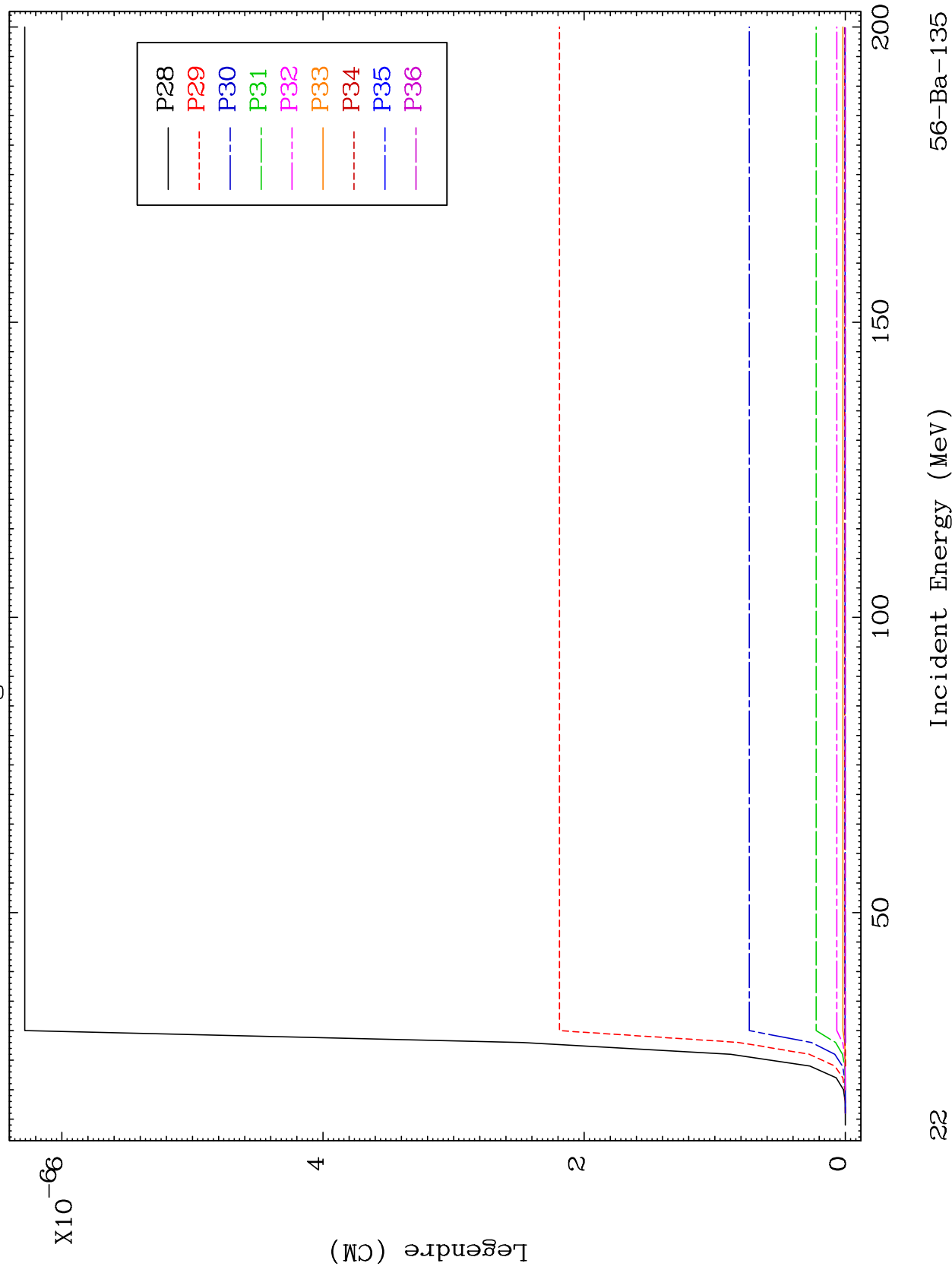
56-Ba-135

Incident Energy (MeV)

MAT 5640

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

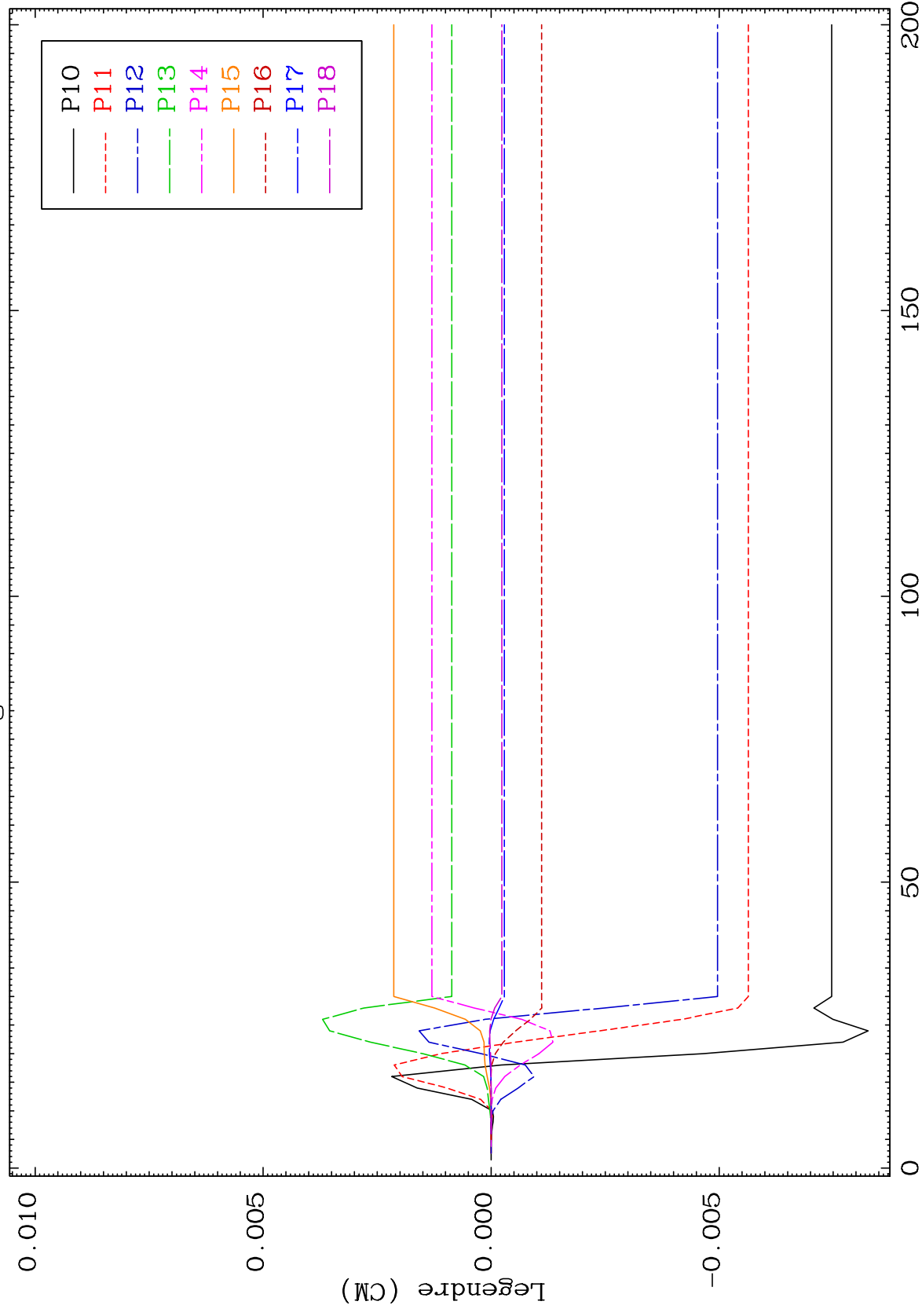
56-Ba-135



MAT 5640

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

56-Ba-135



24

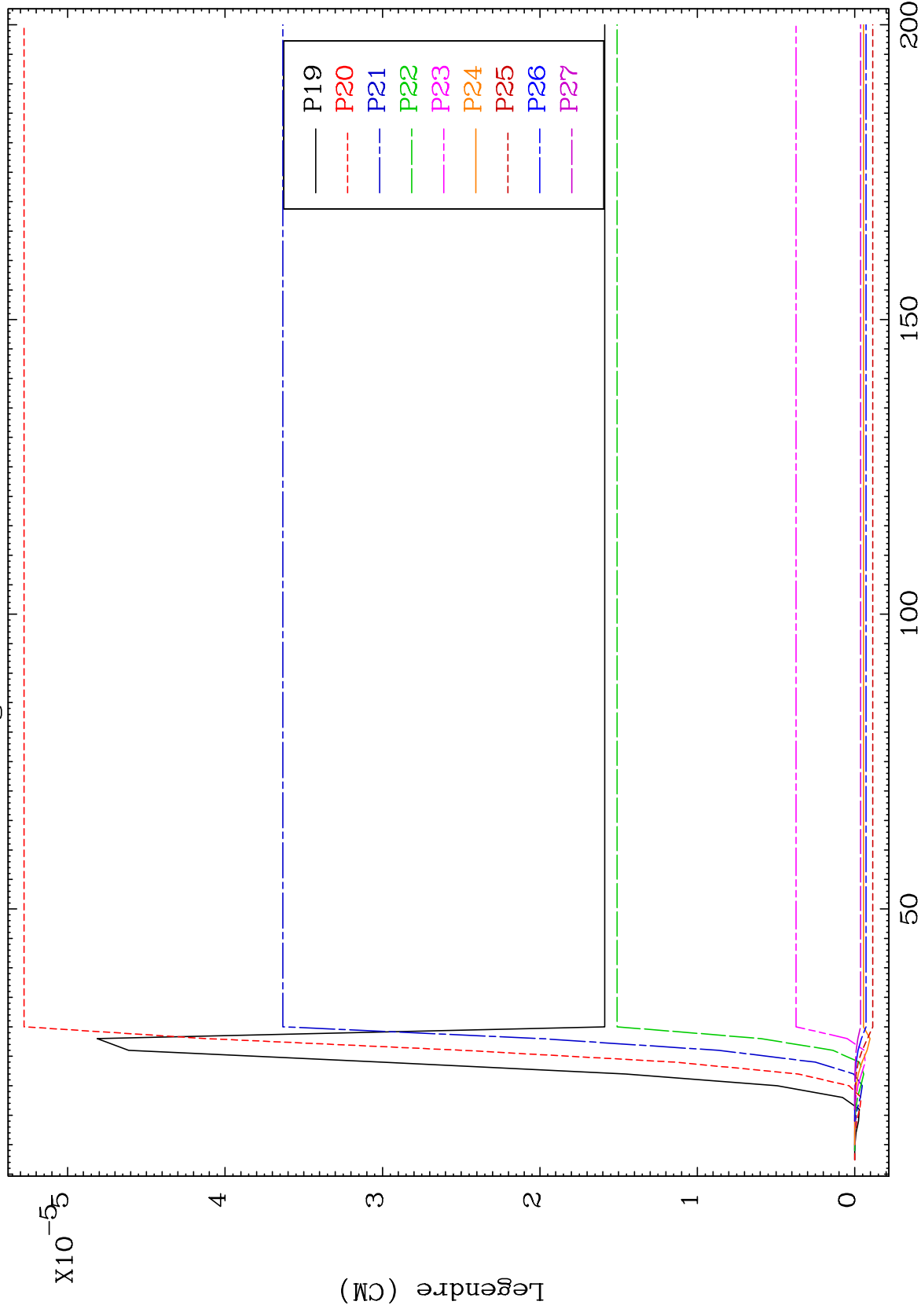
Incident Energy (MeV)

56-Ba-135

MAT 5640

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

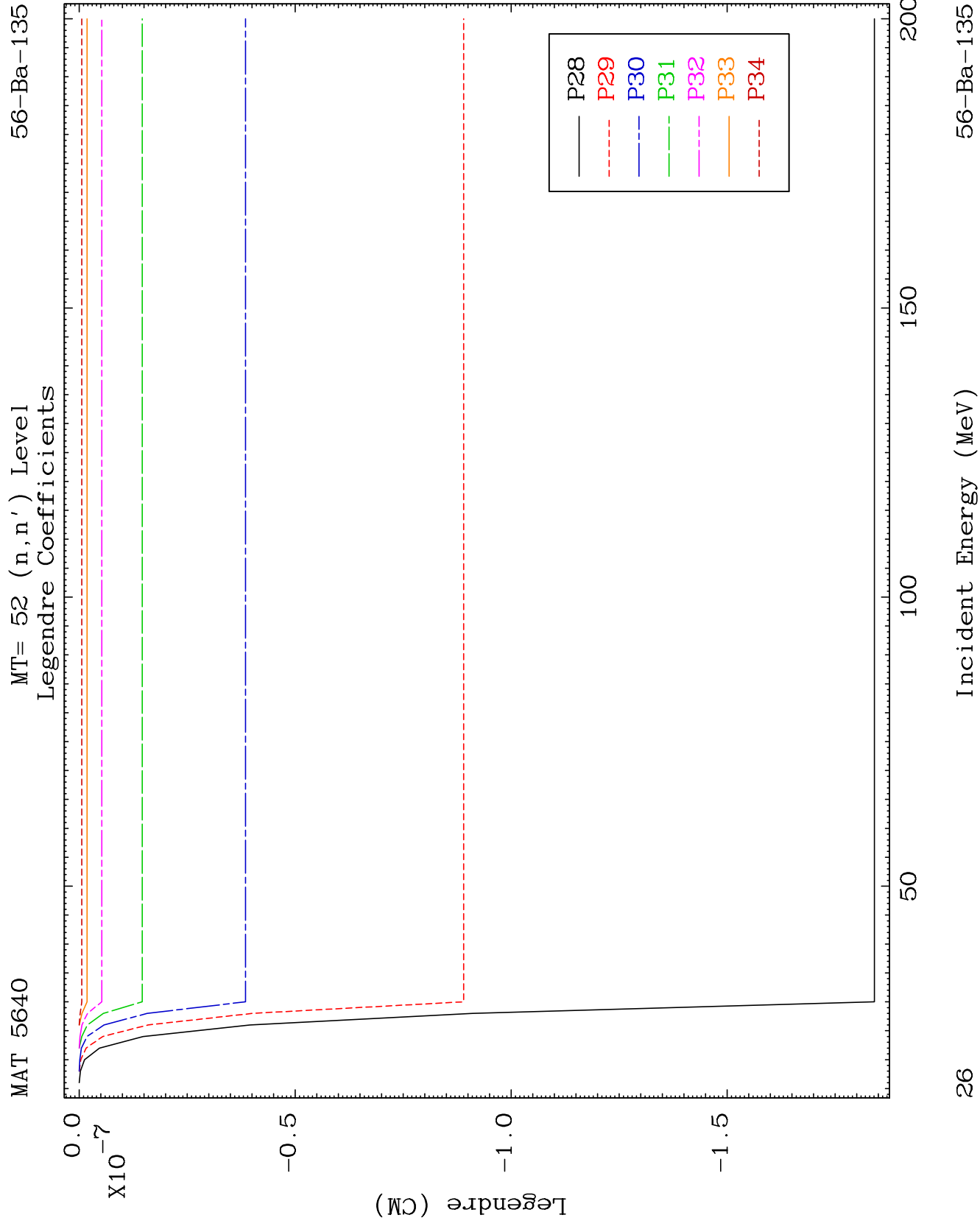
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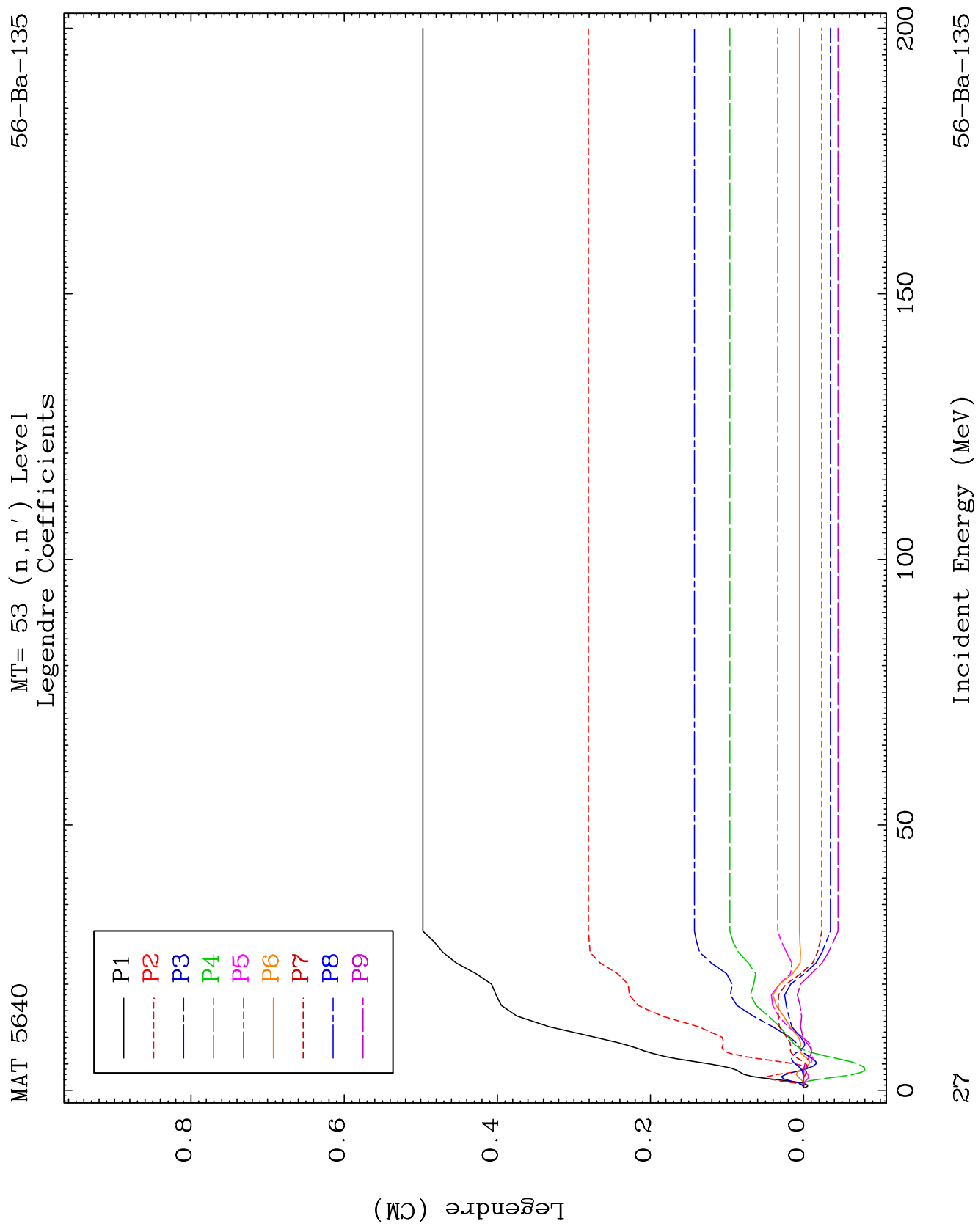


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Incident Energy (MeV)

56-Ba-135

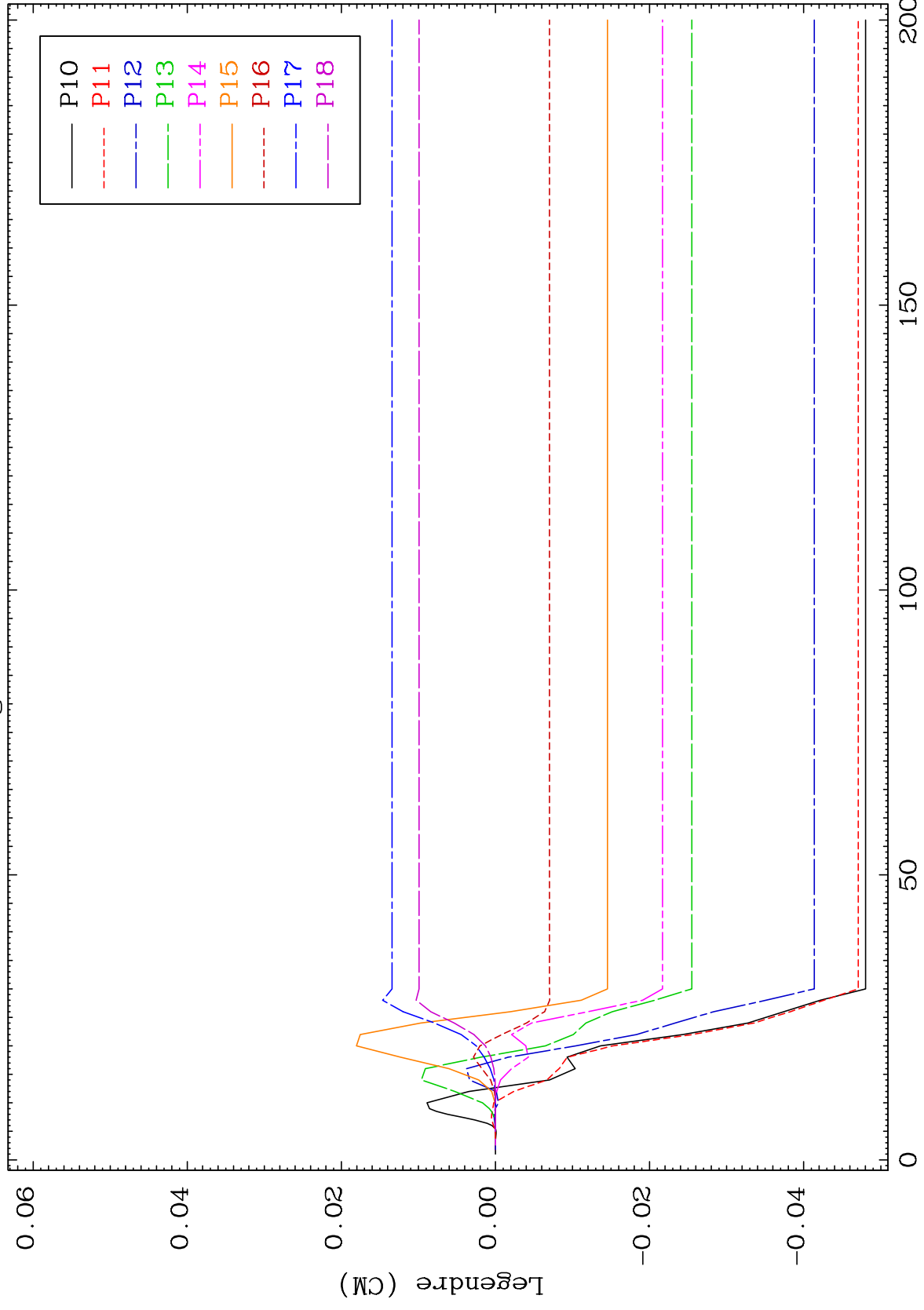




MAT 5640

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

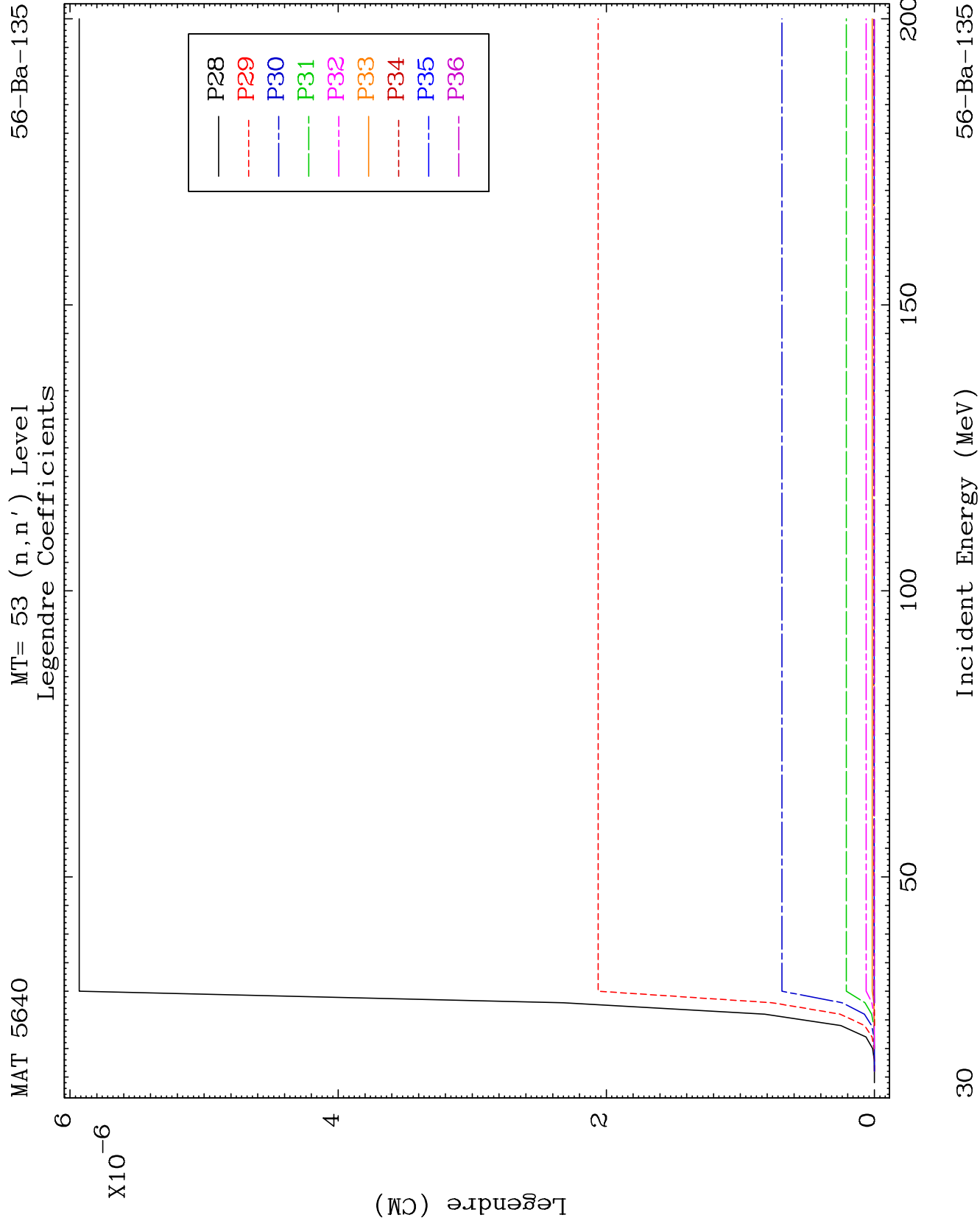
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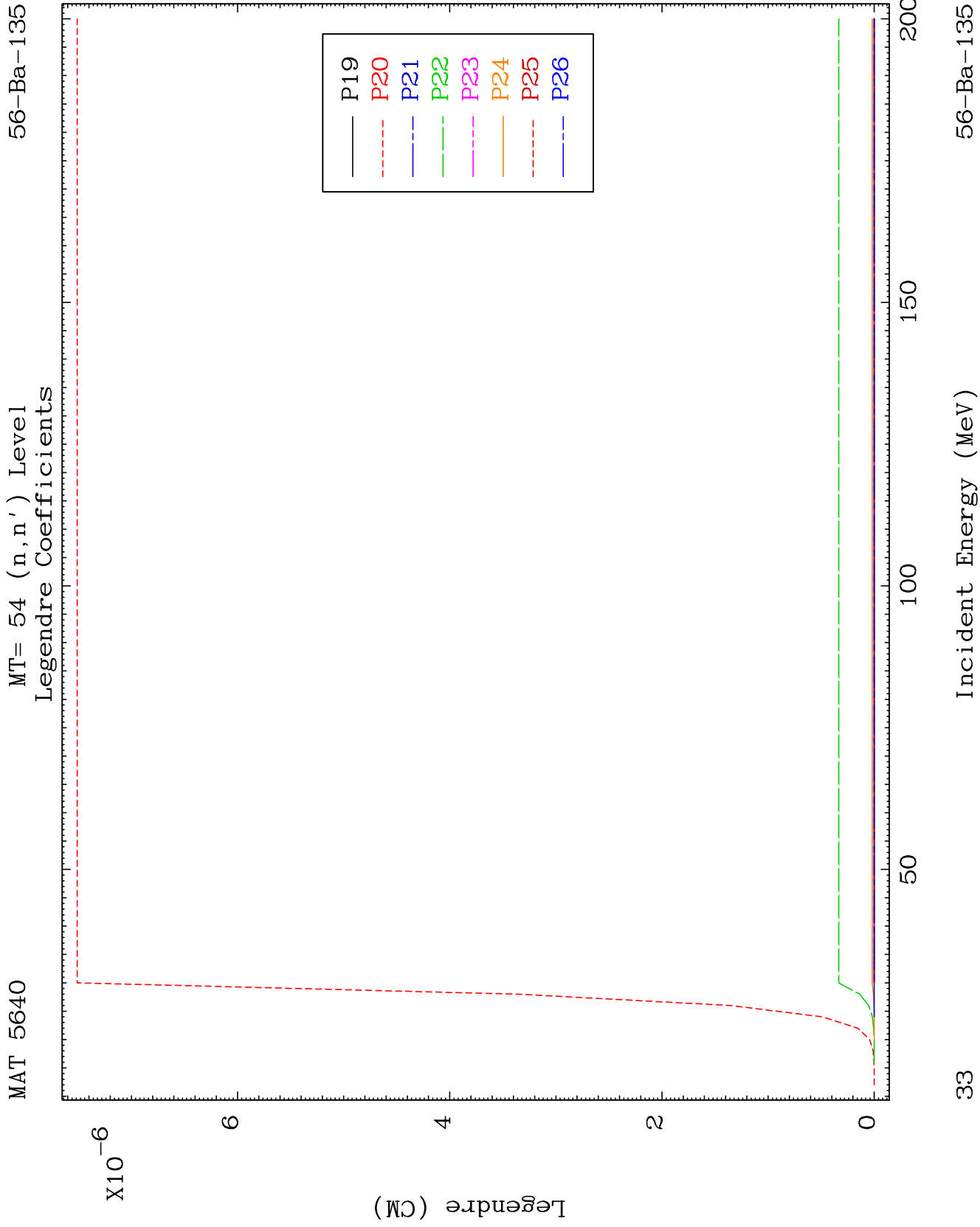


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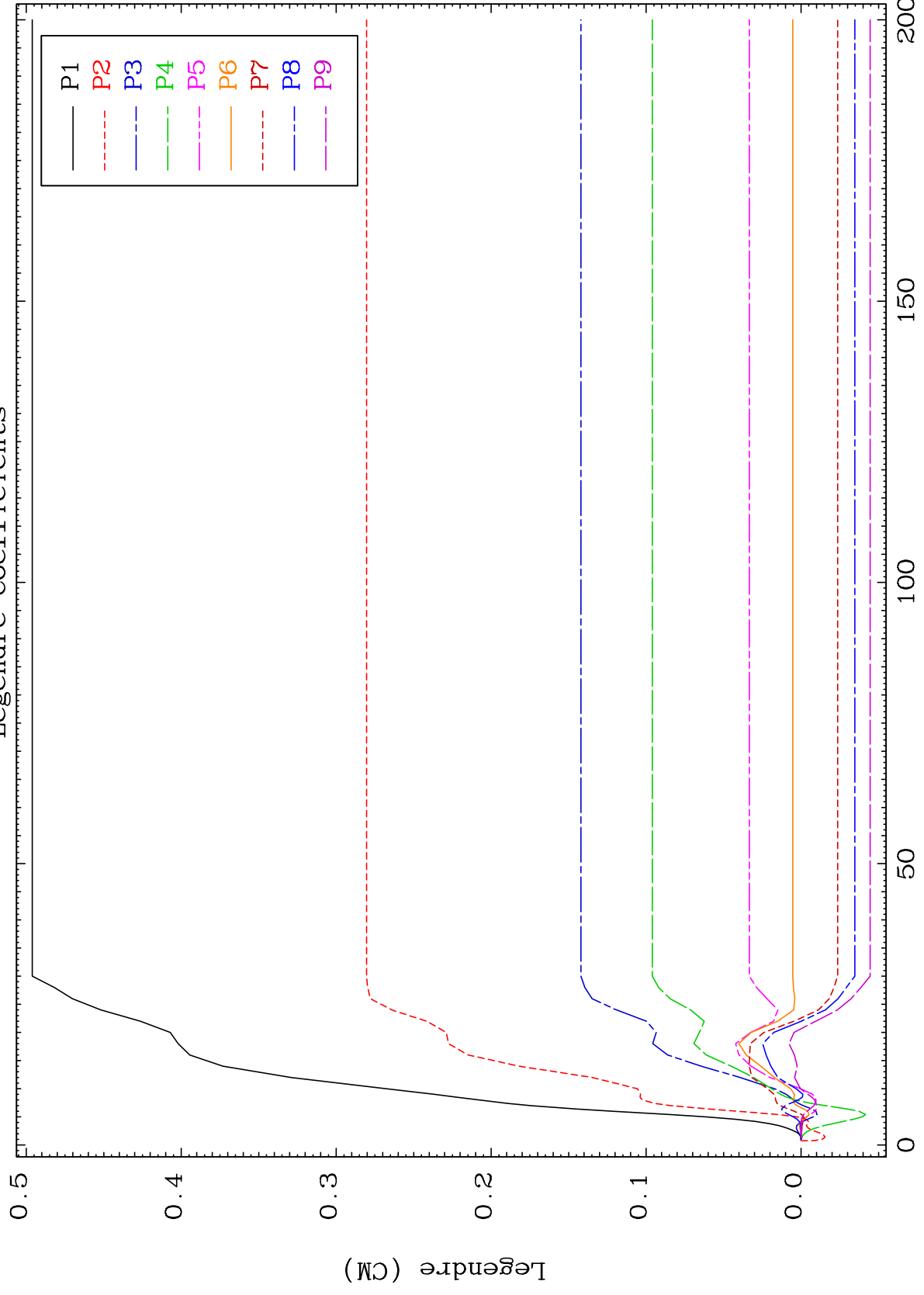
Incident Energy (MeV)

56-Ba-135





MAT 5640 MT= 55 (n,n') Level Legendre Coefficients 56-Ba-135

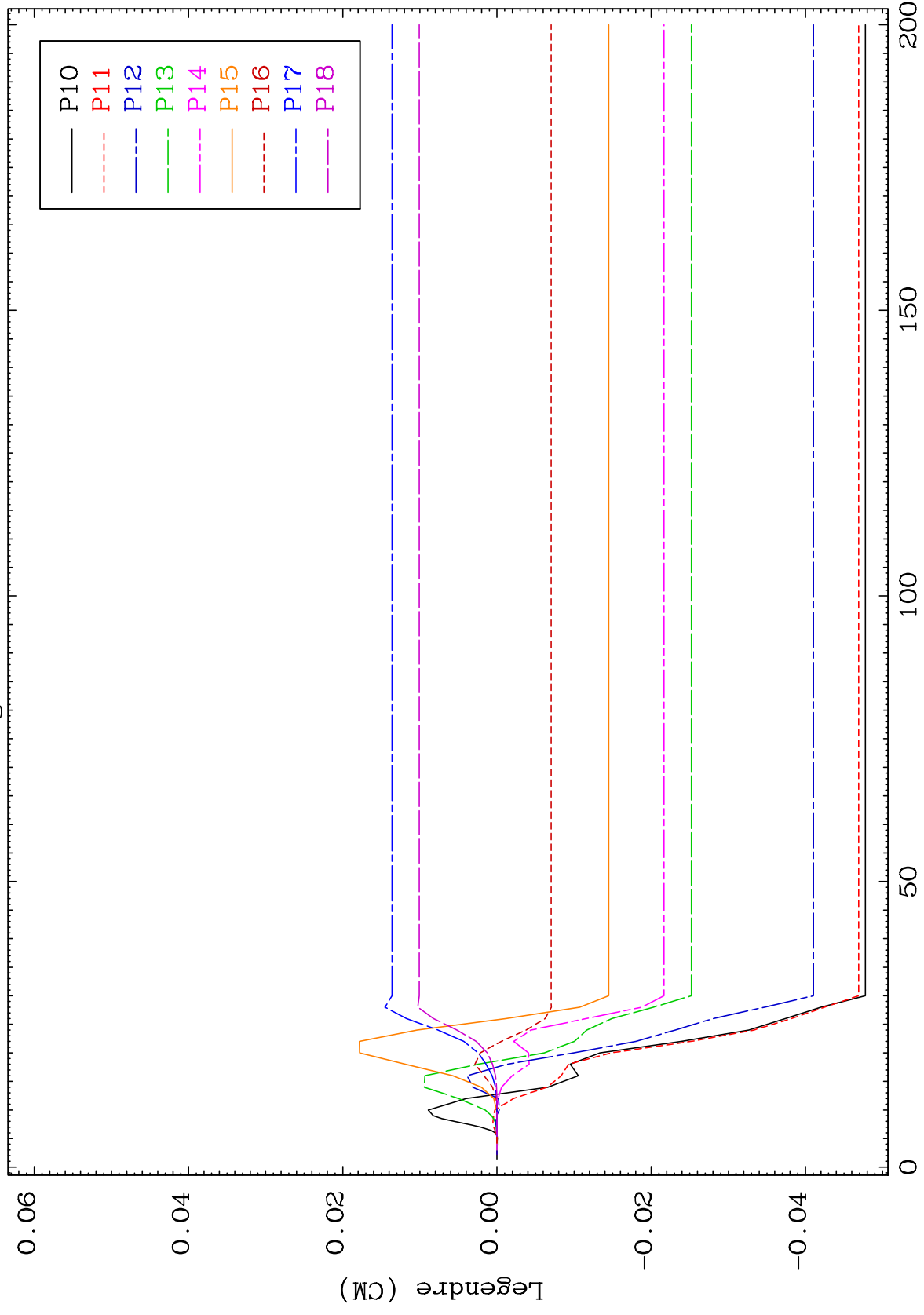


34 Incident Energy (MeV) 56-Ba-135

MAT 5640

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

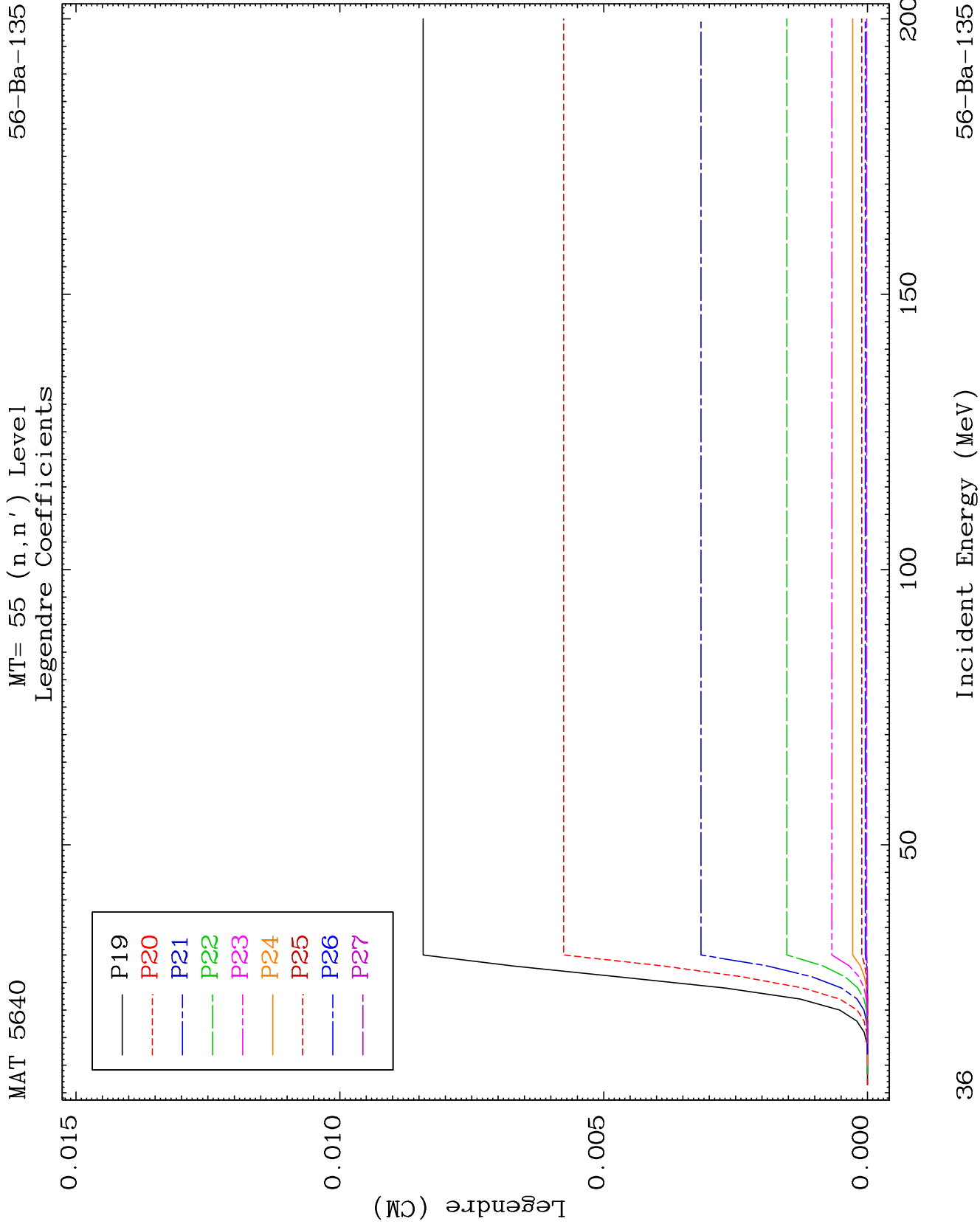
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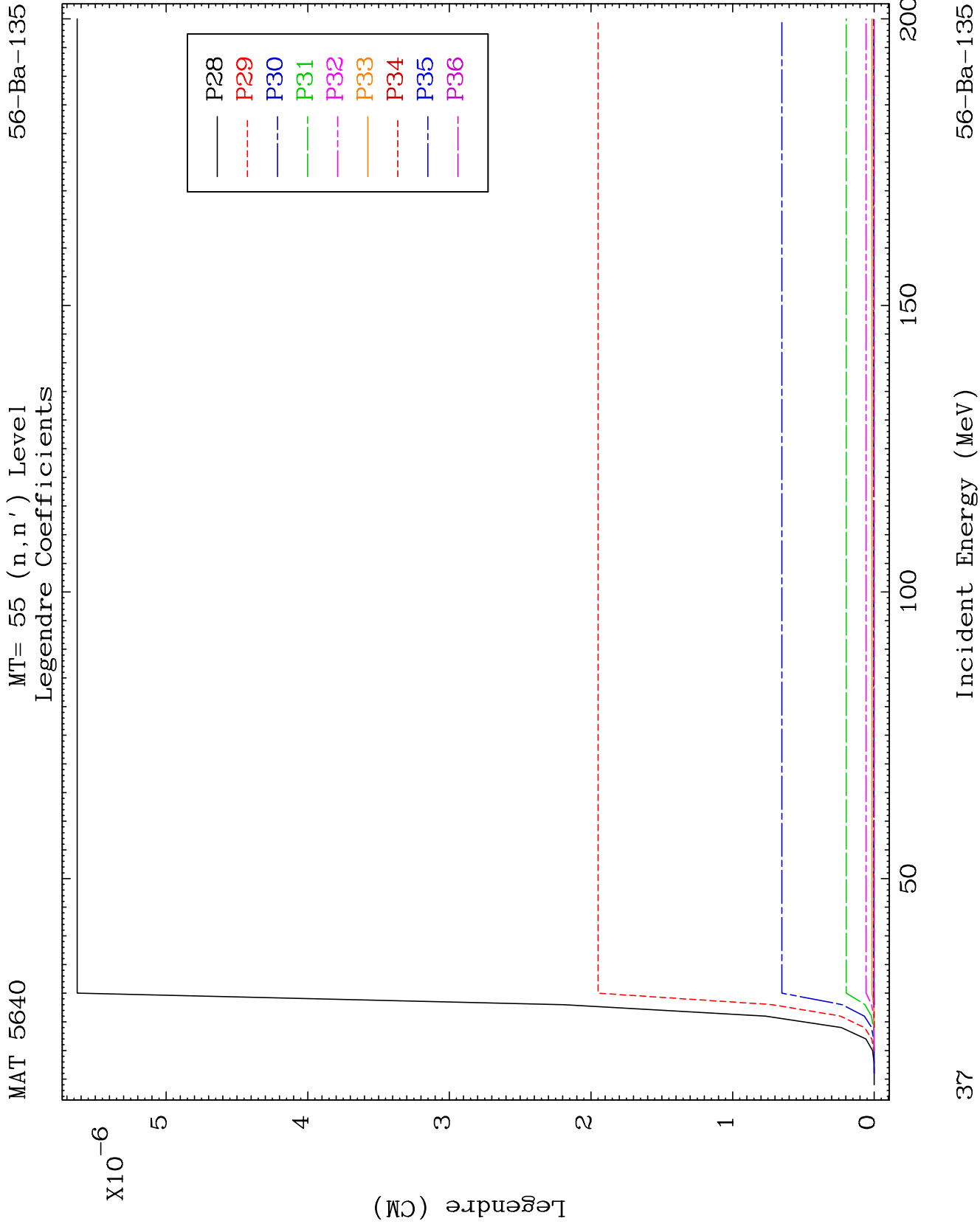


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Incident Energy (MeV)

56-Ba-135

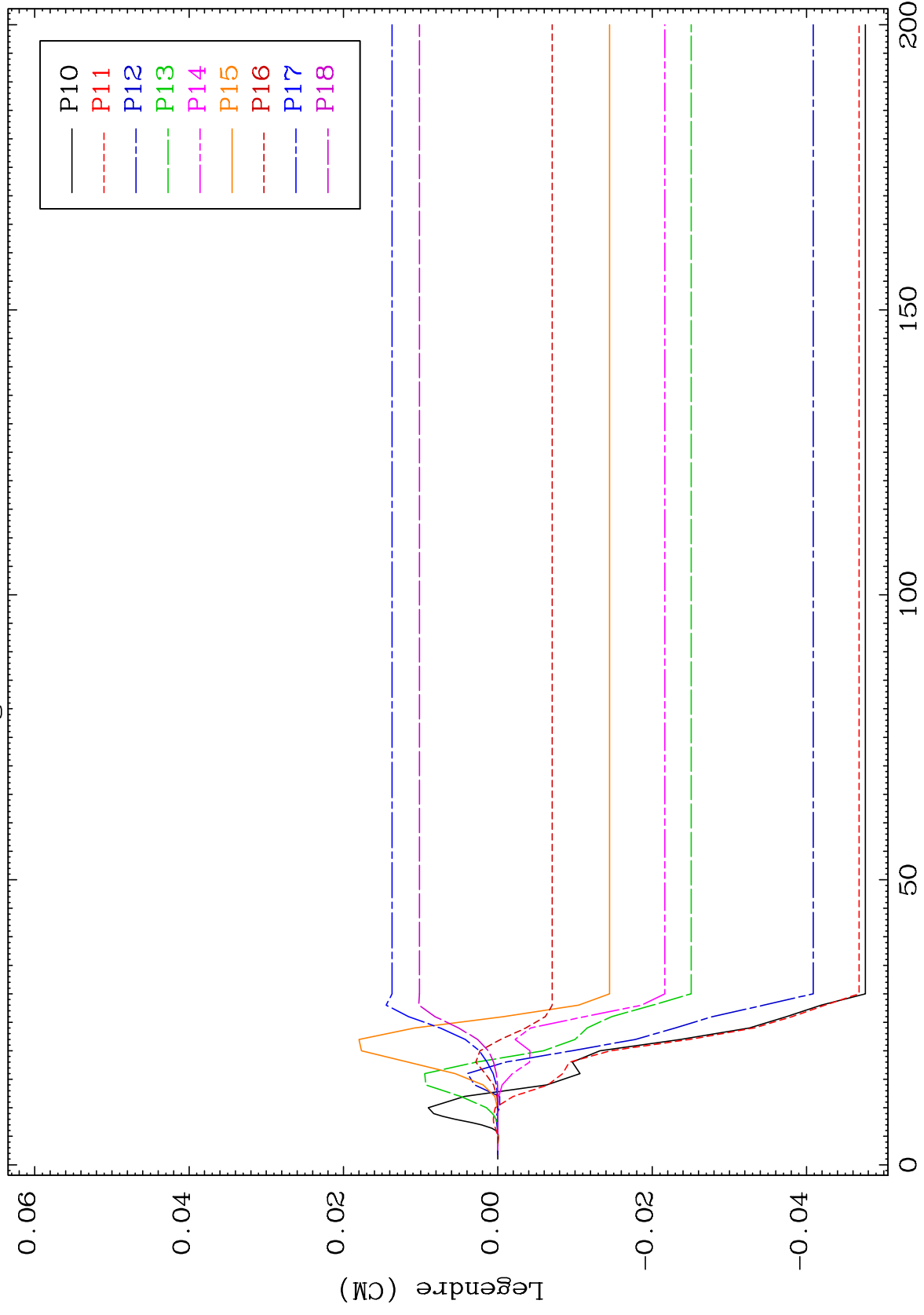




MAT 5640

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

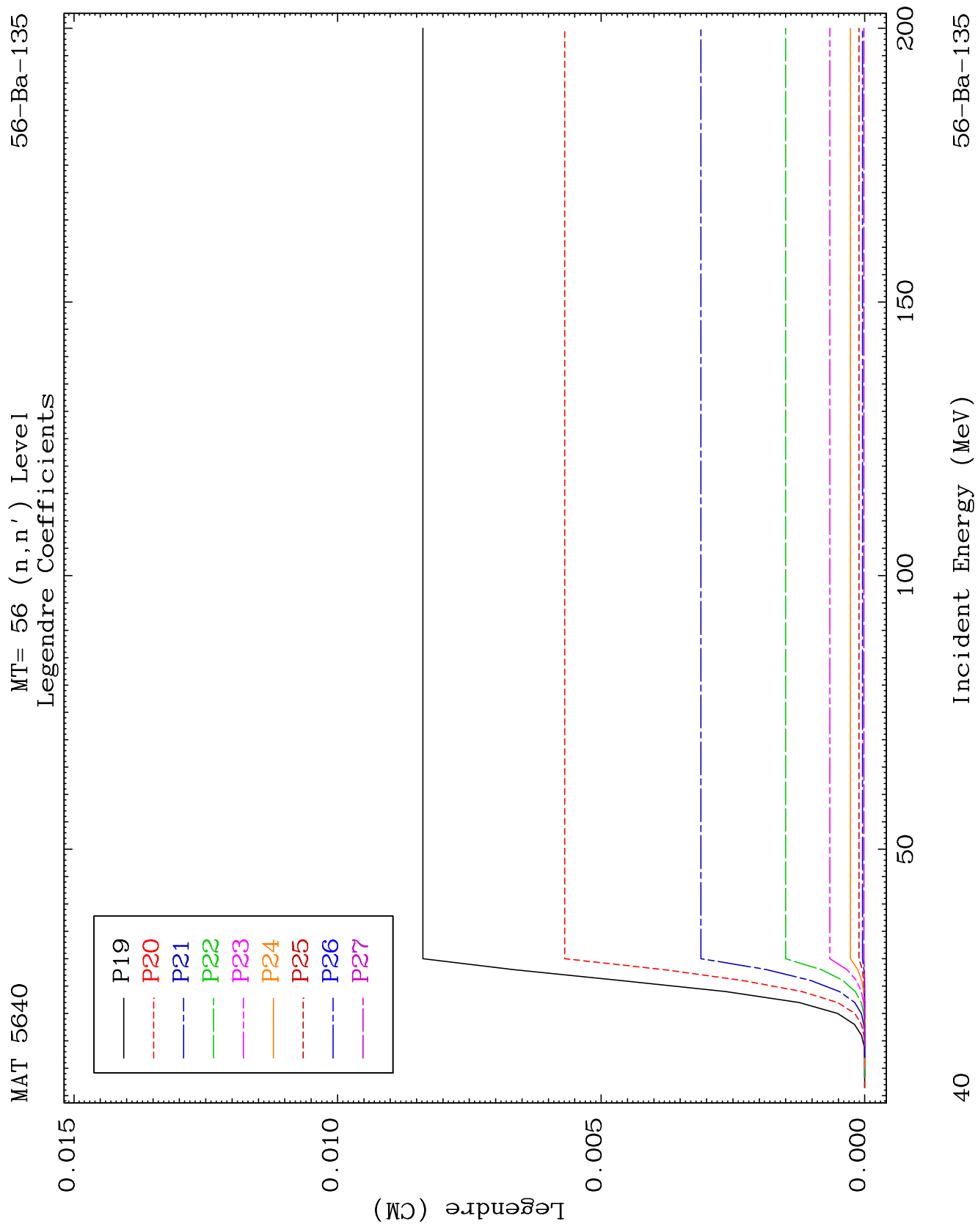
56-Ba-135



33

Incident Energy (MeV)

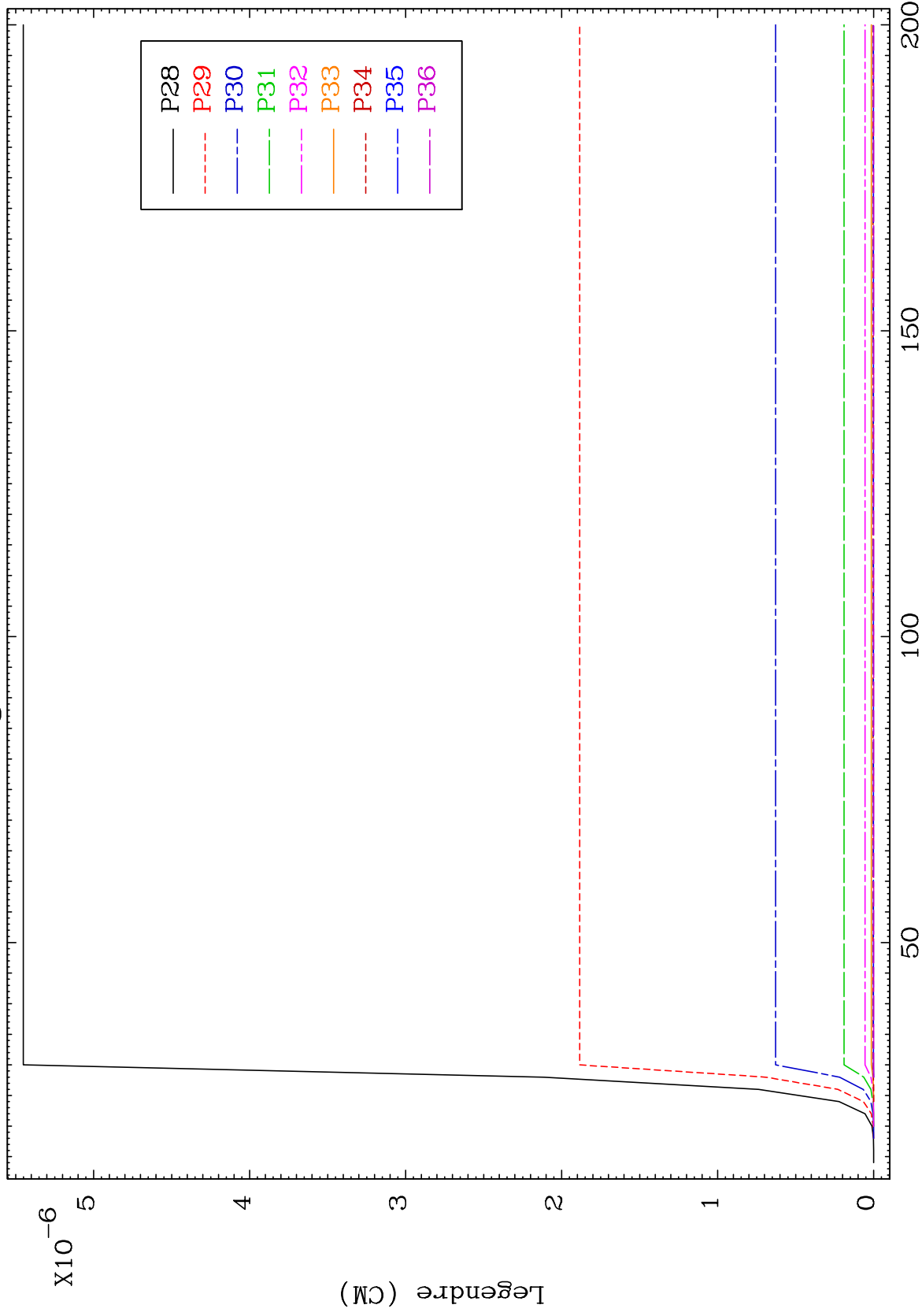
56-Ba-135



MAT 5640

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

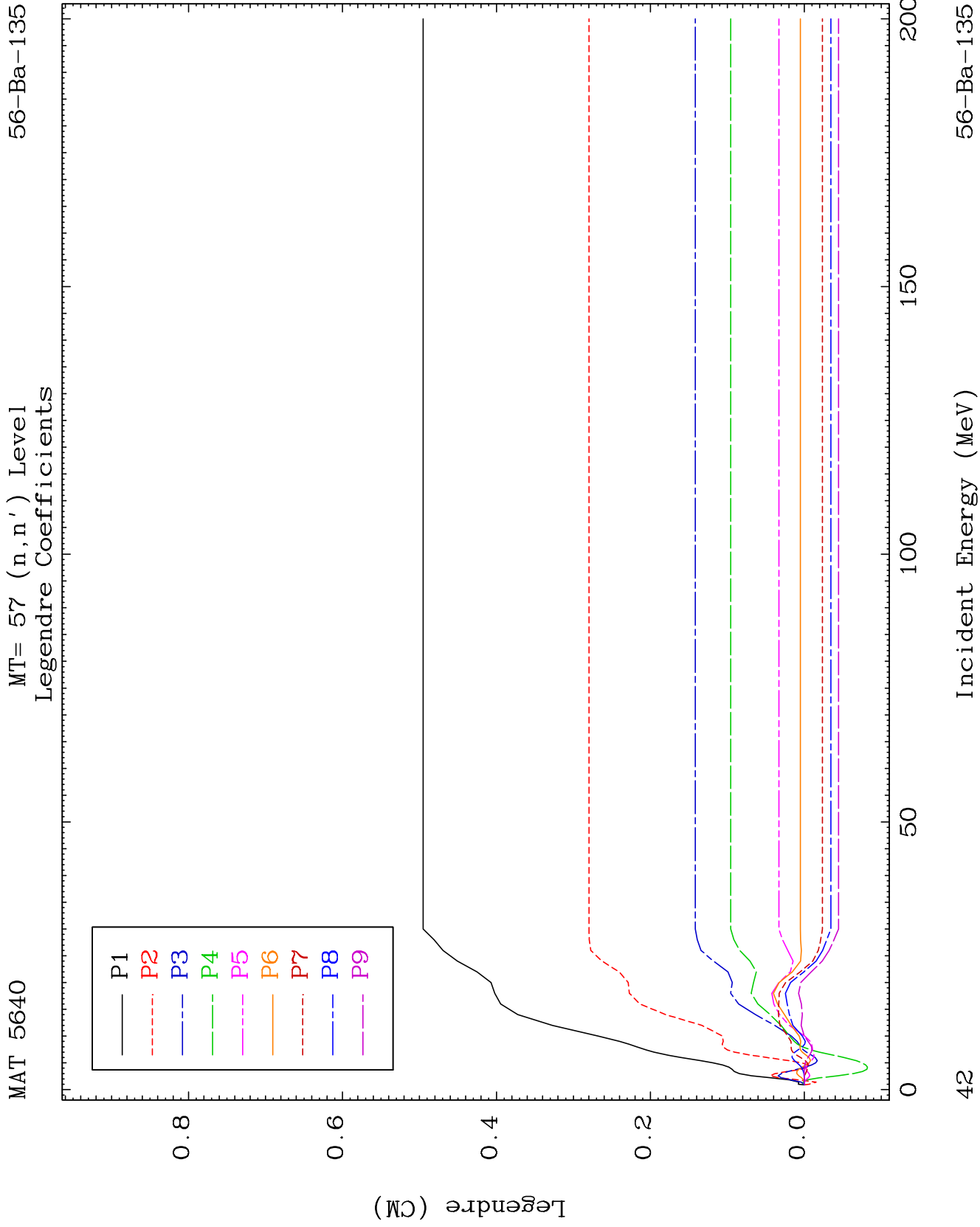
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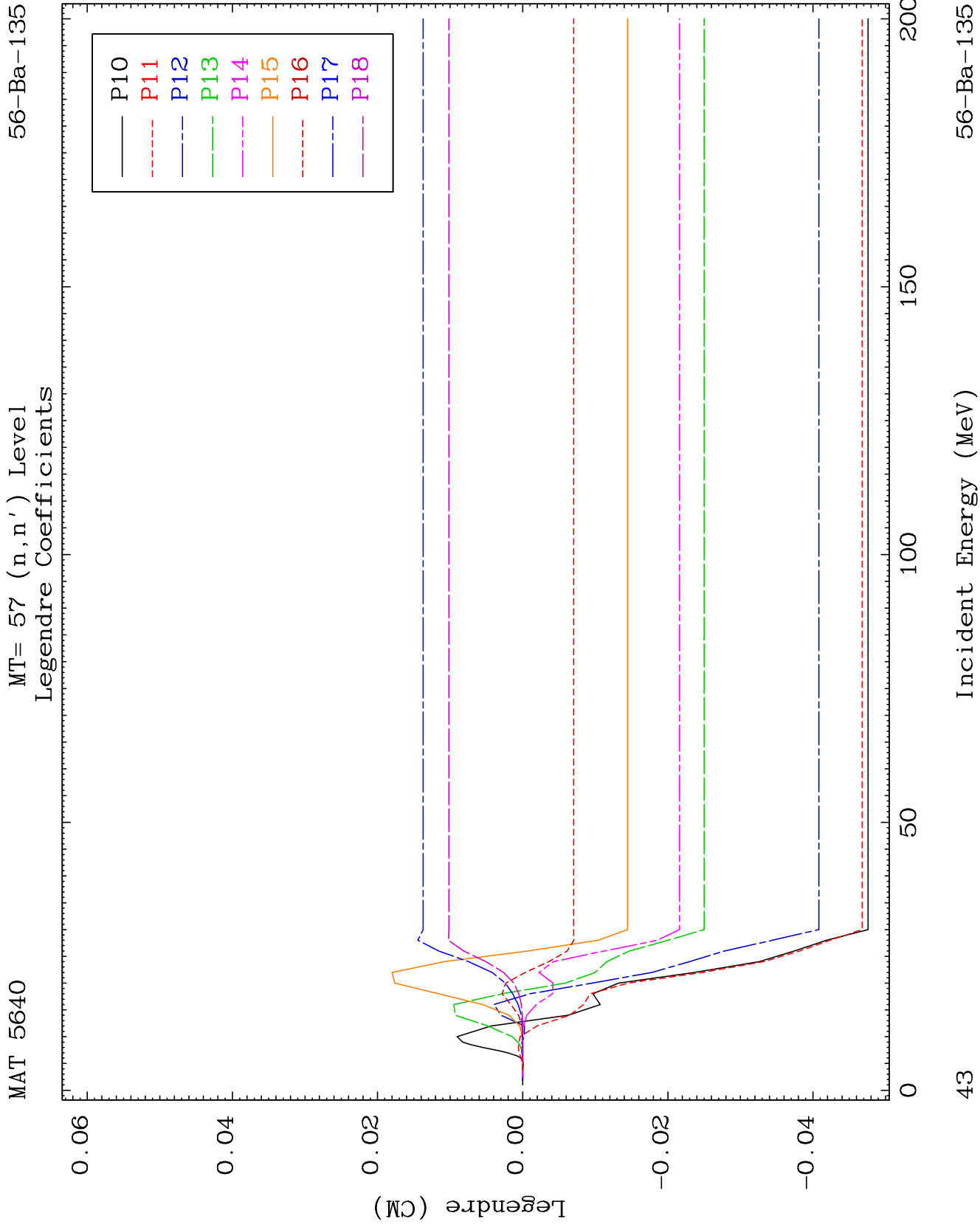


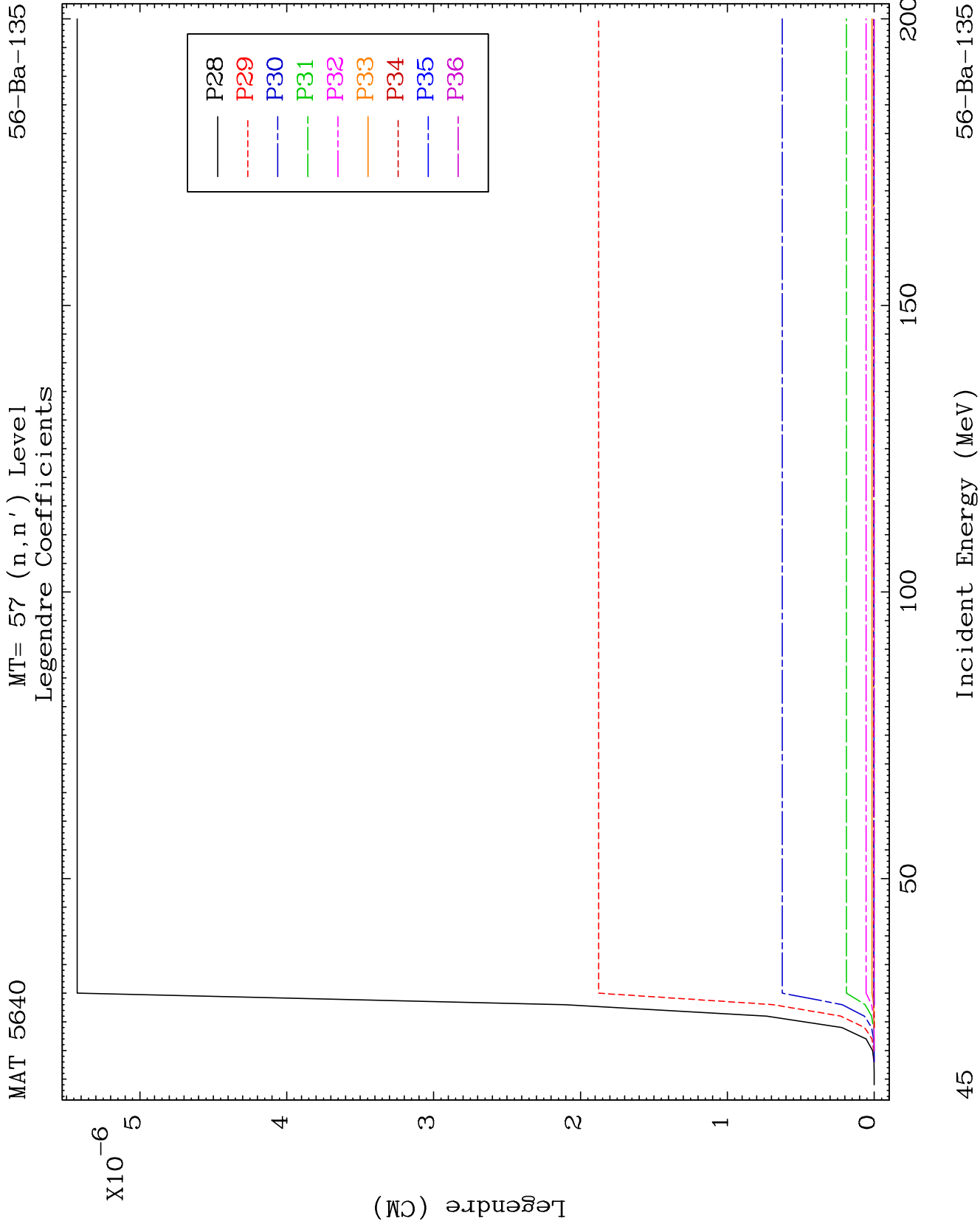
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Incident Energy (MeV)

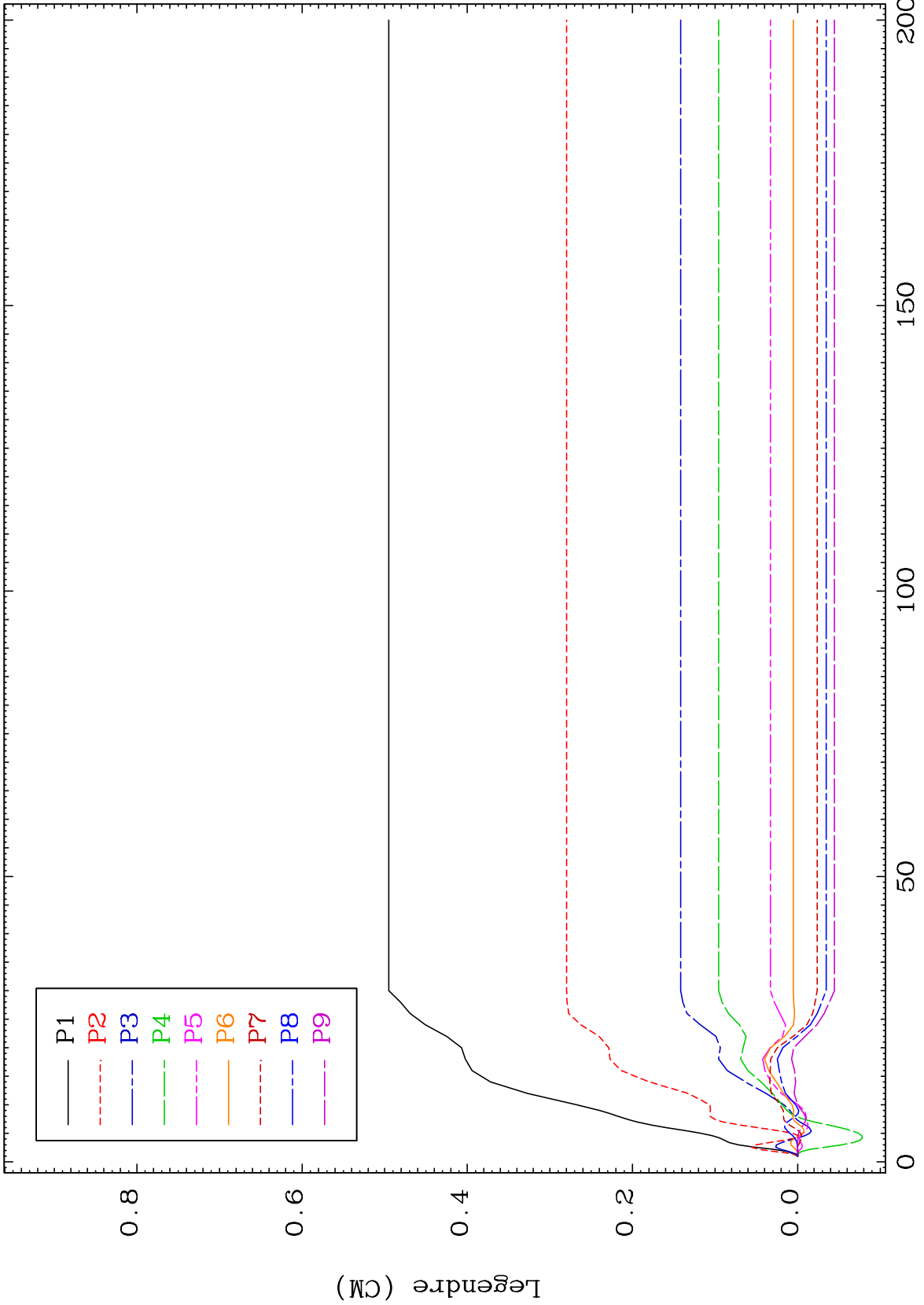
56-Ba-135



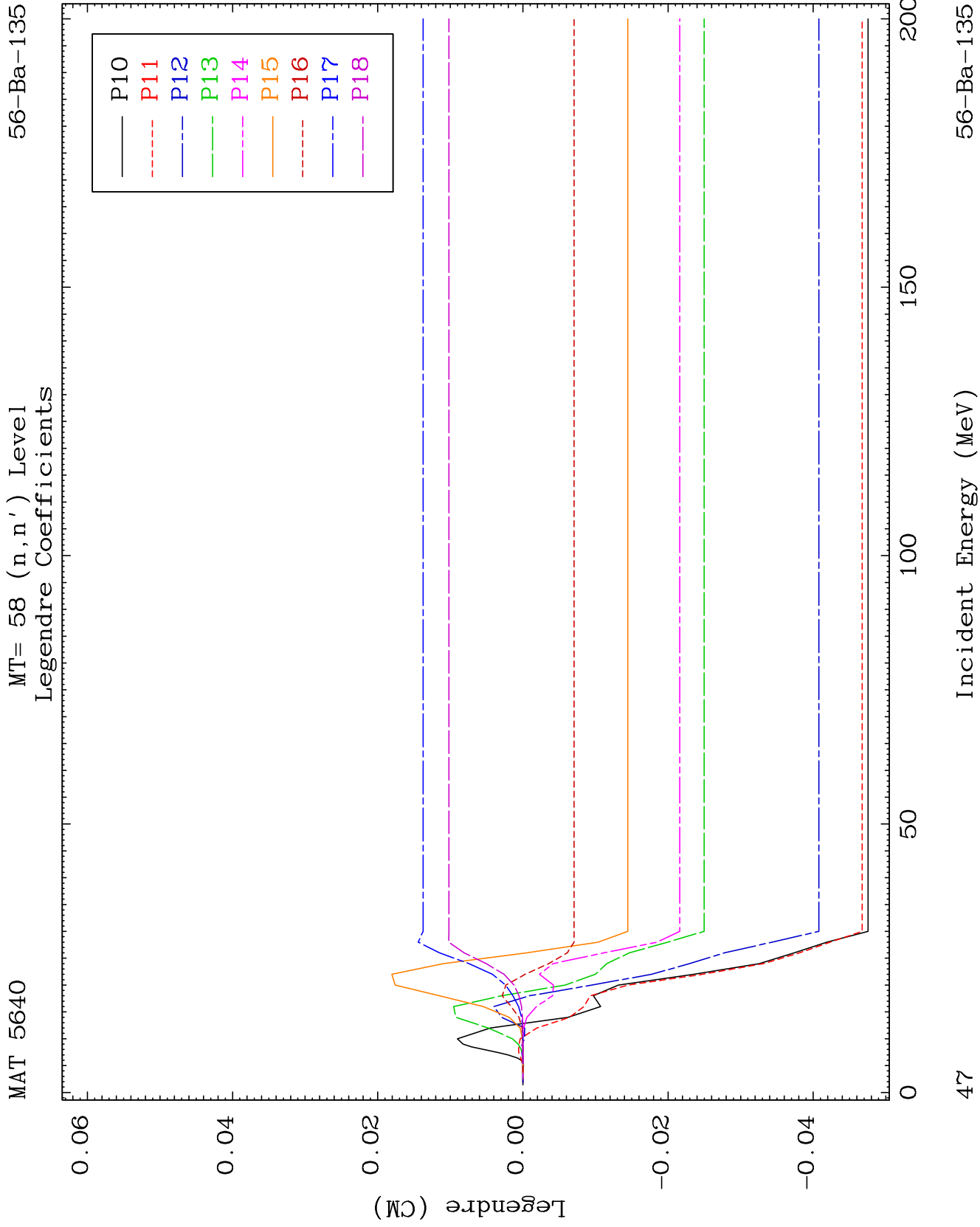


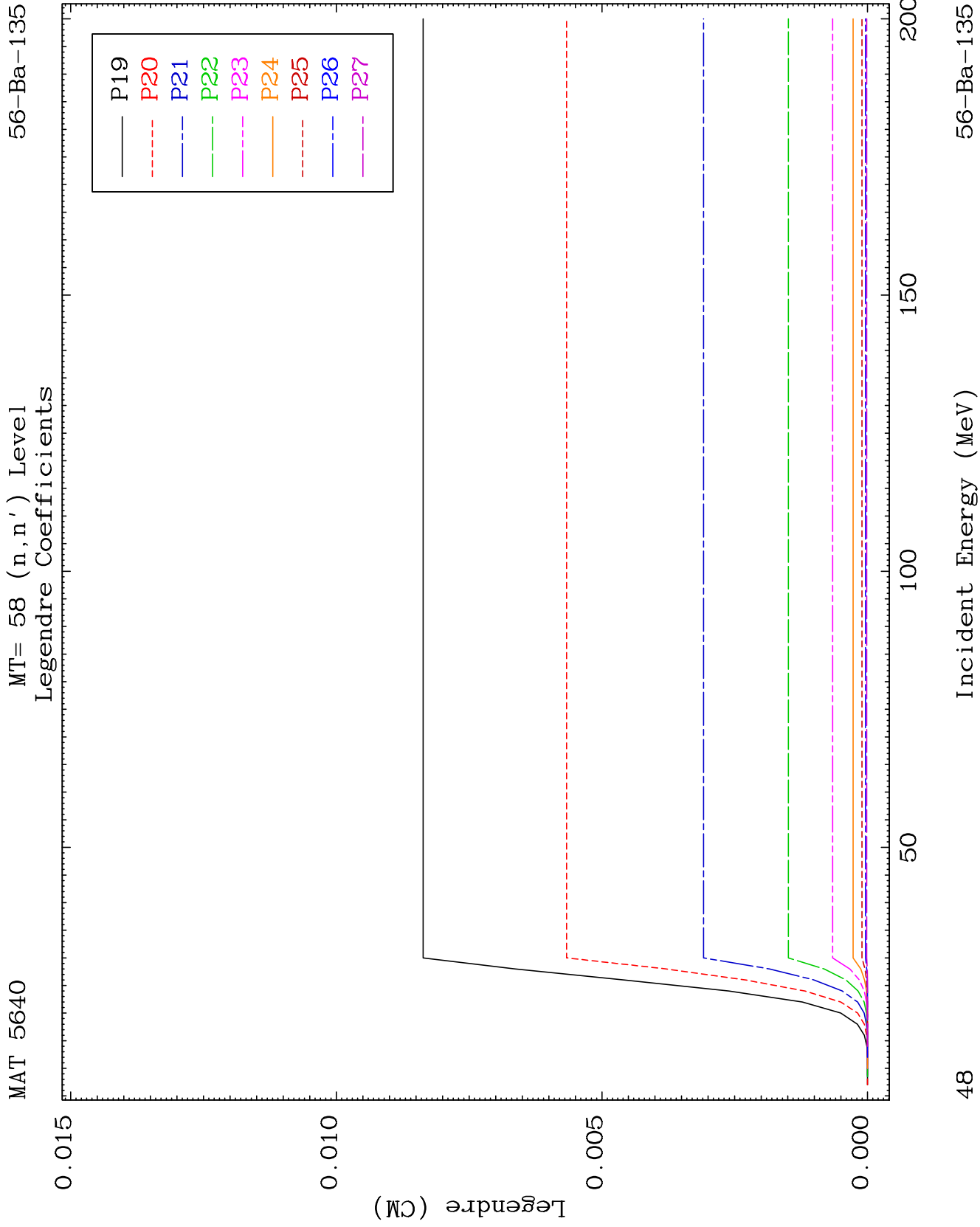


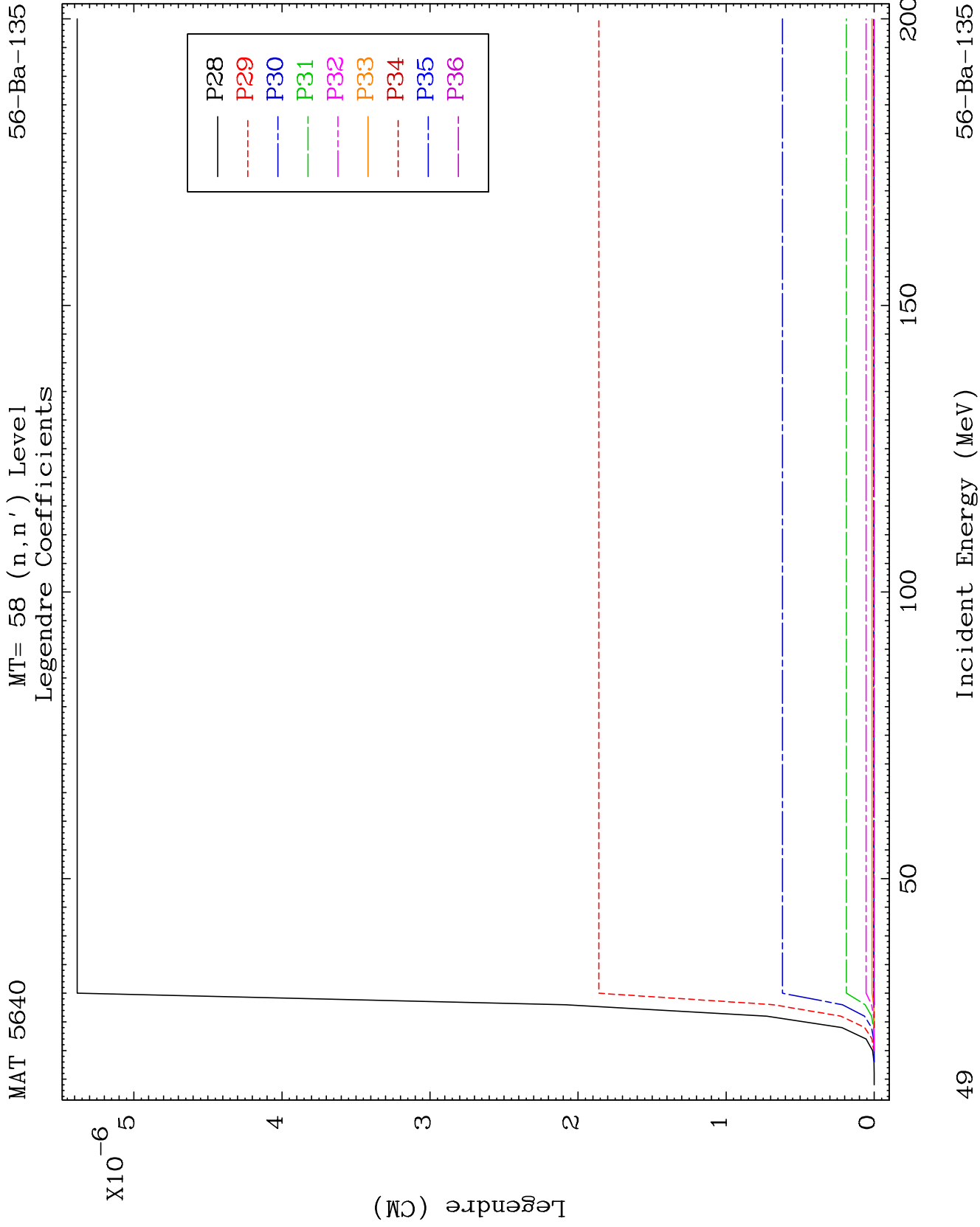
MAT 5640 MT= 58 (n,n') Level Legendre Coefficients 56-Ba-135



46 56-Ba-135



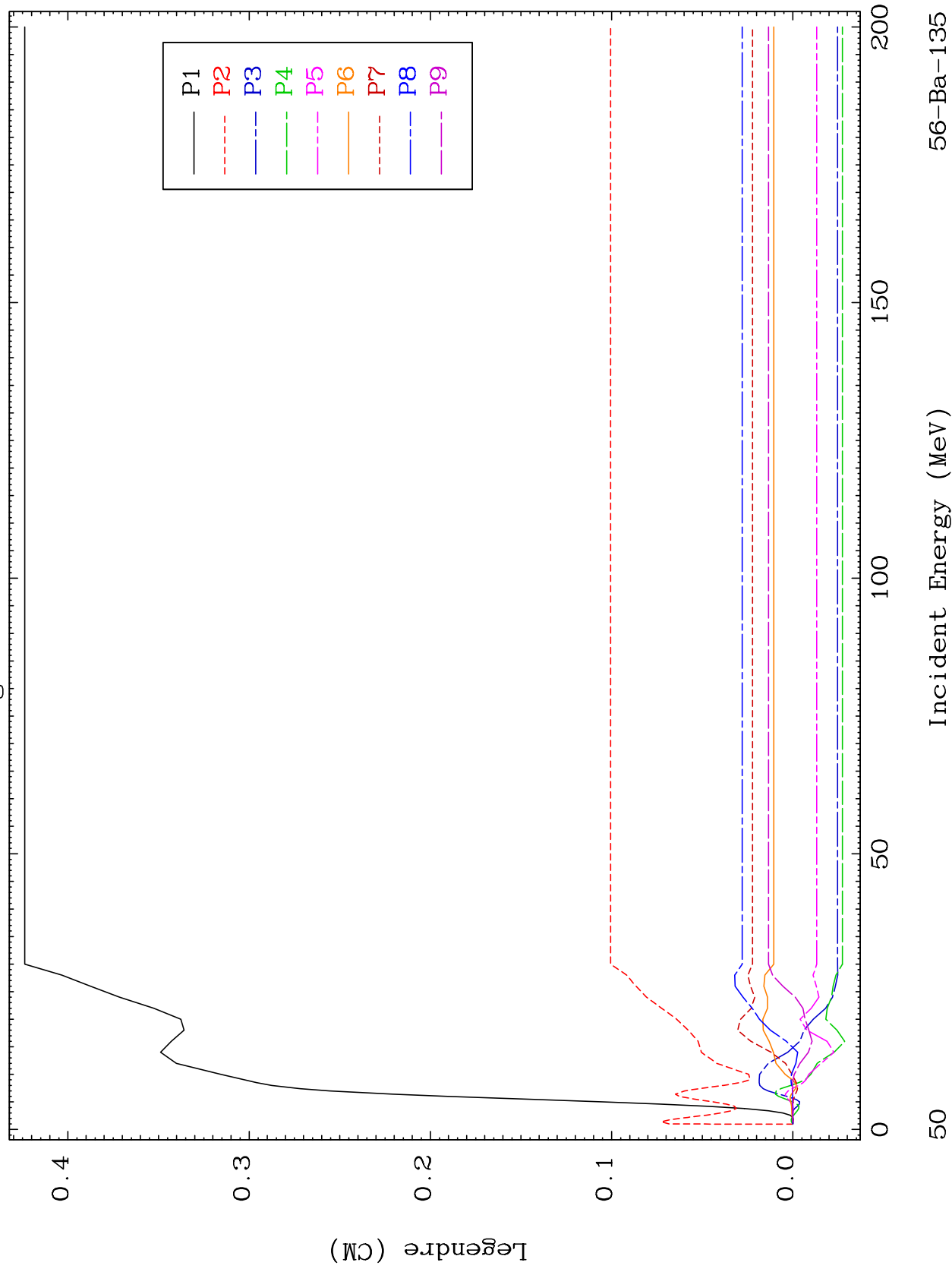


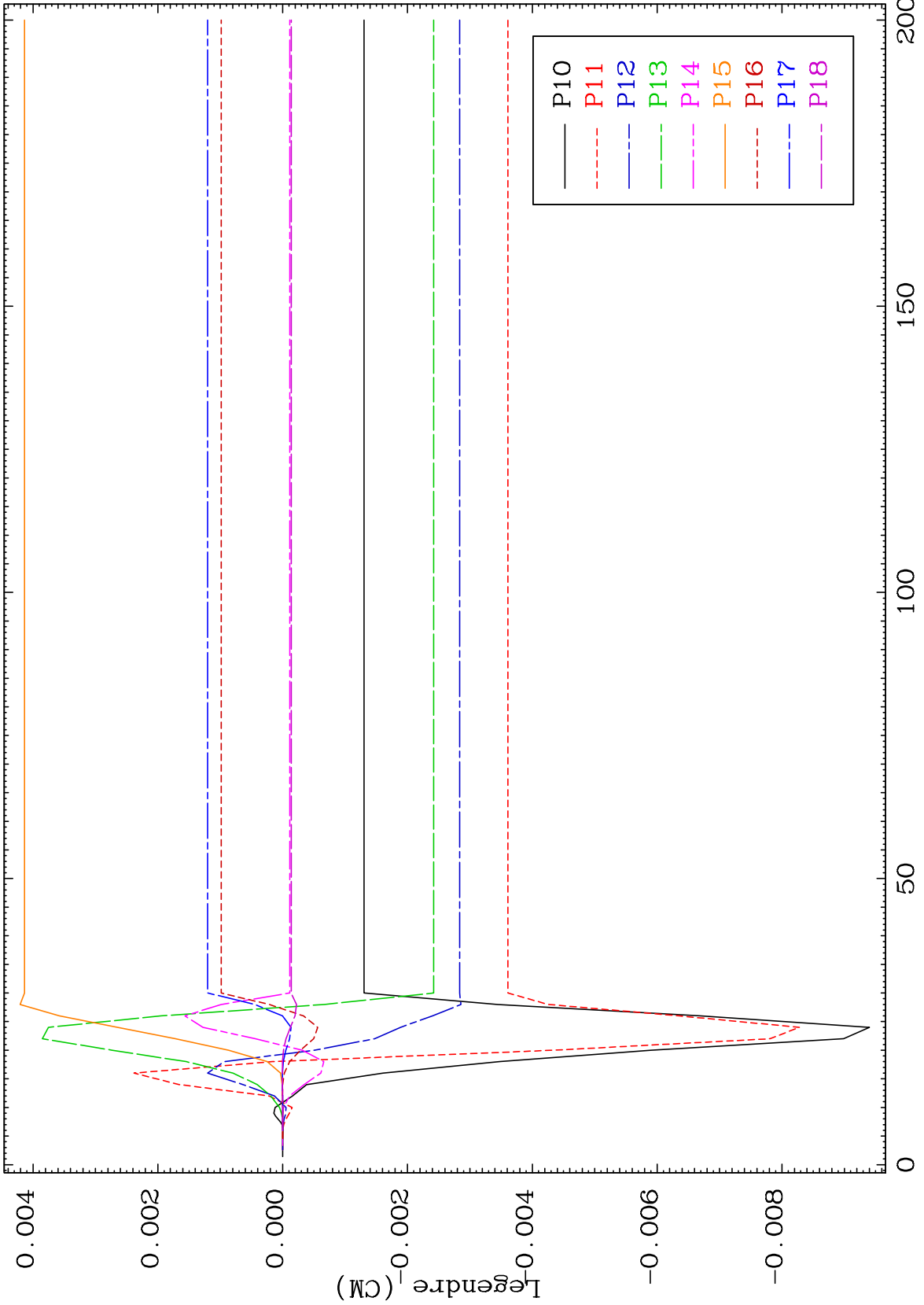


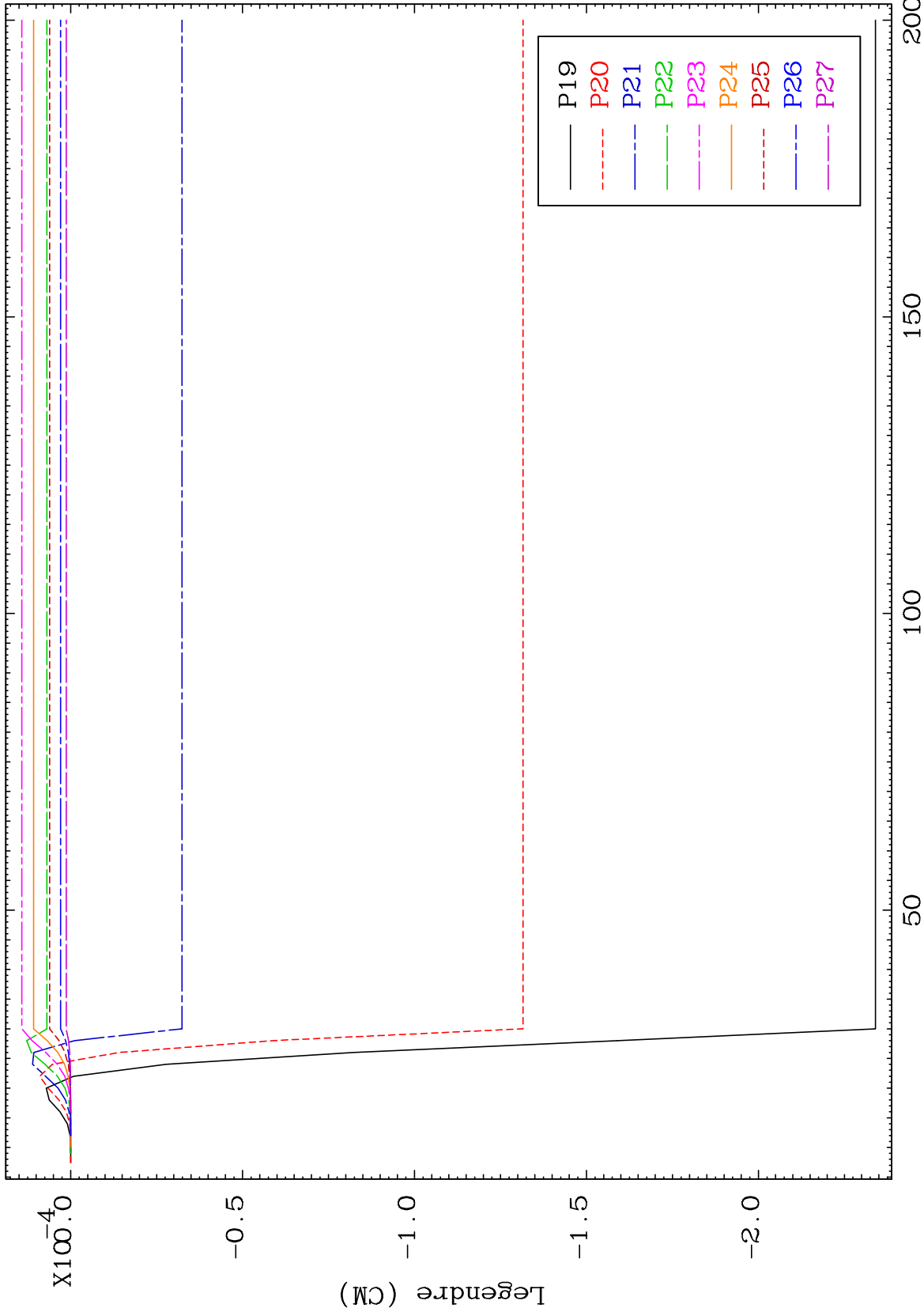
MAT 5640

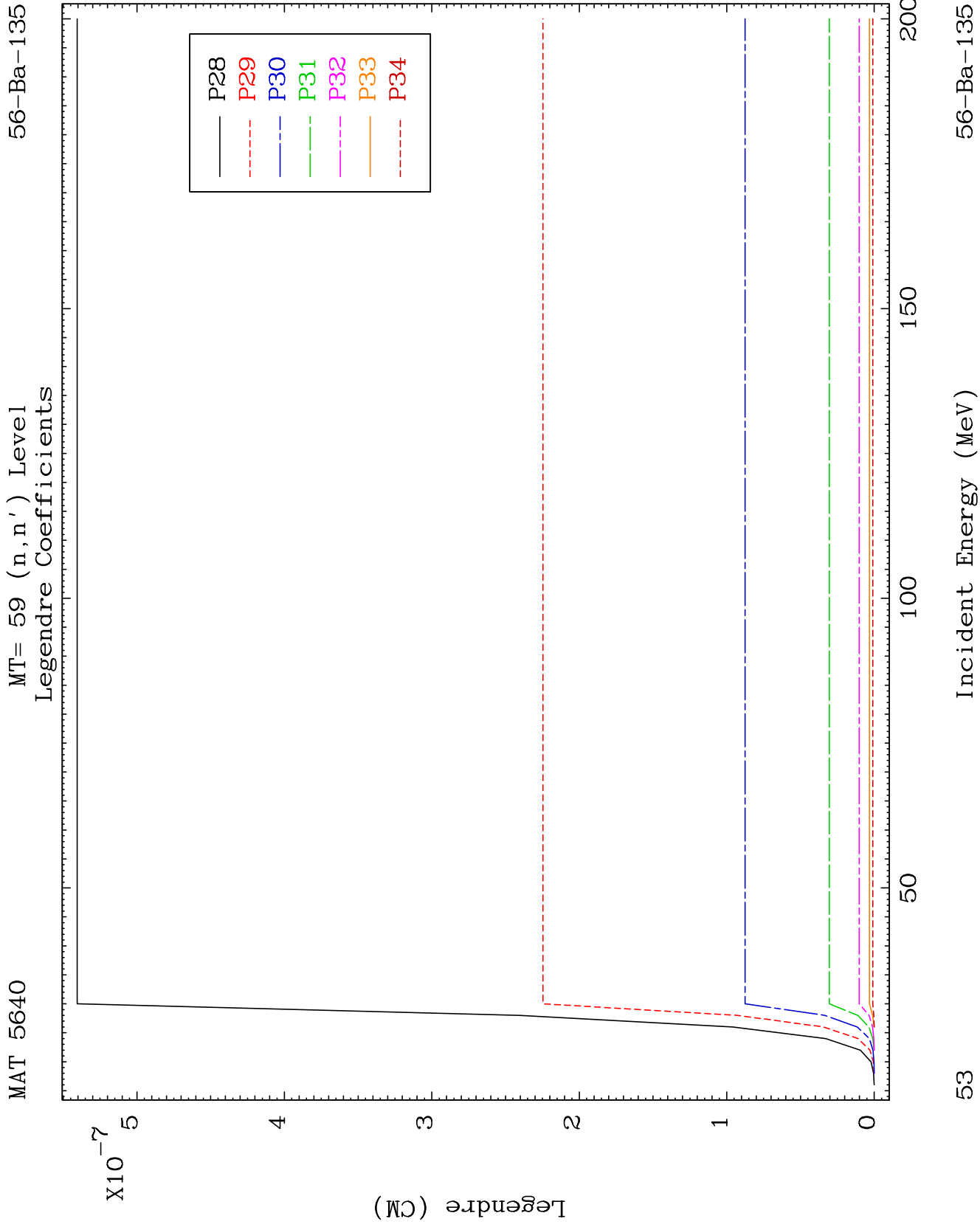
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Legendre Coefficients

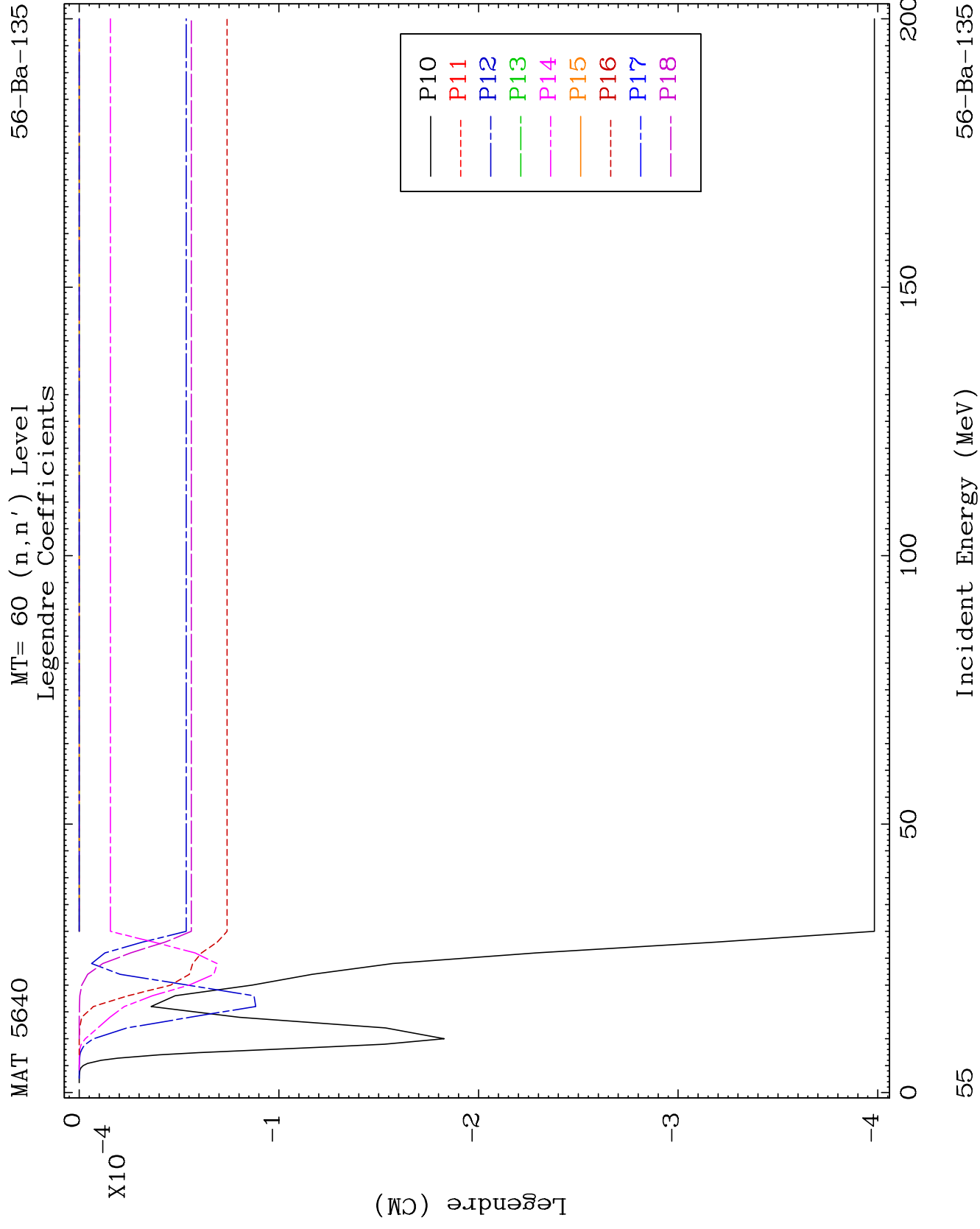
56-Ba-135

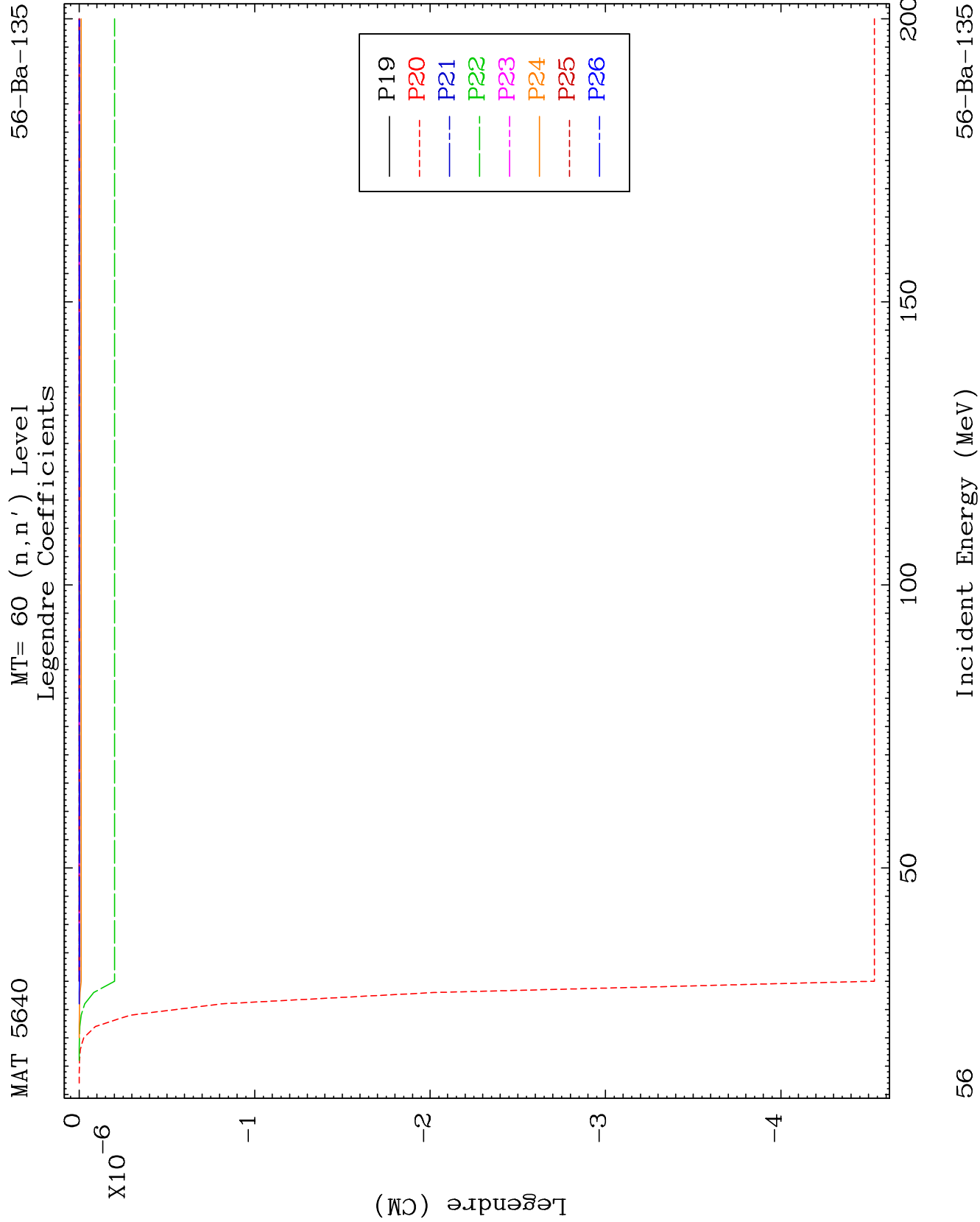


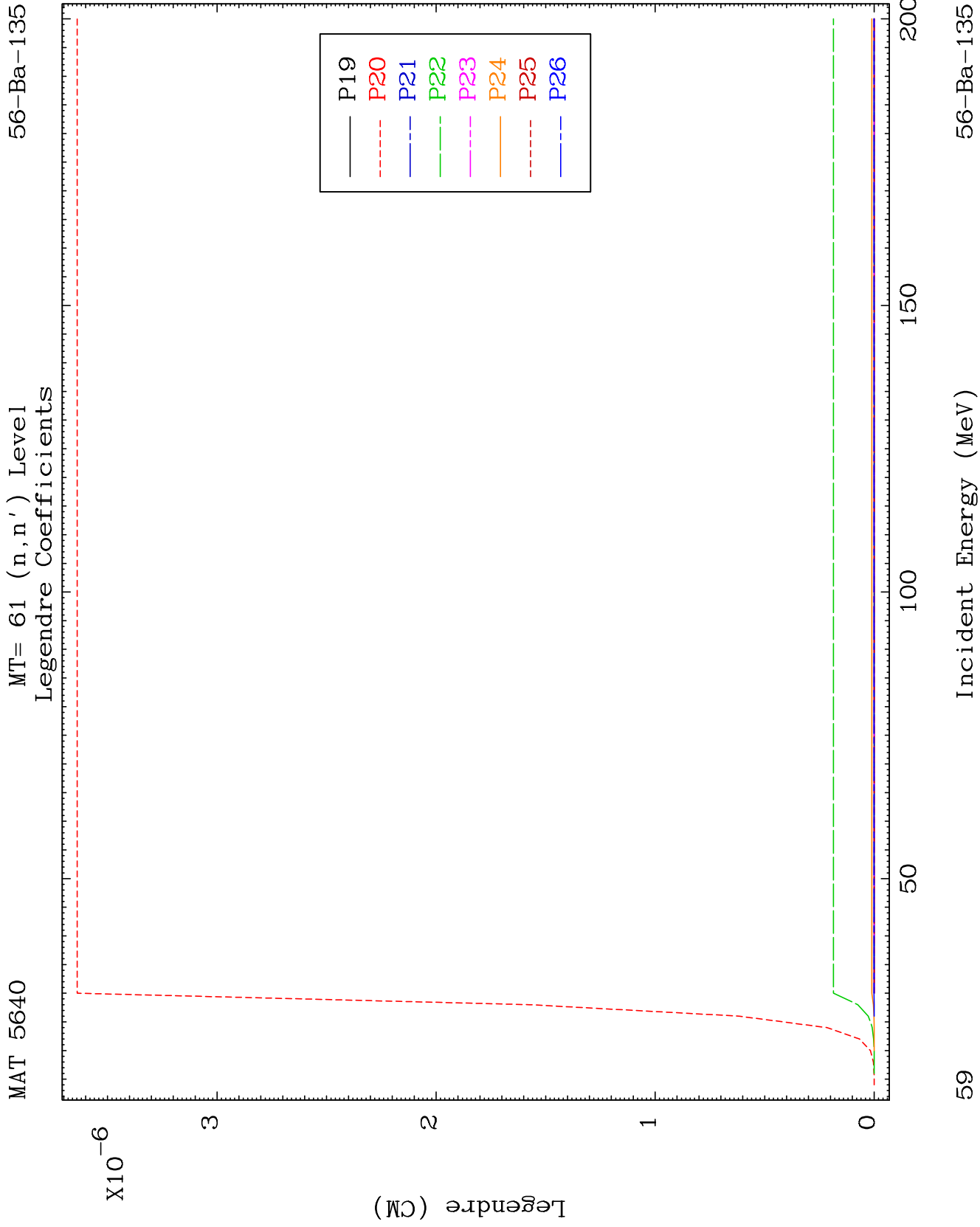


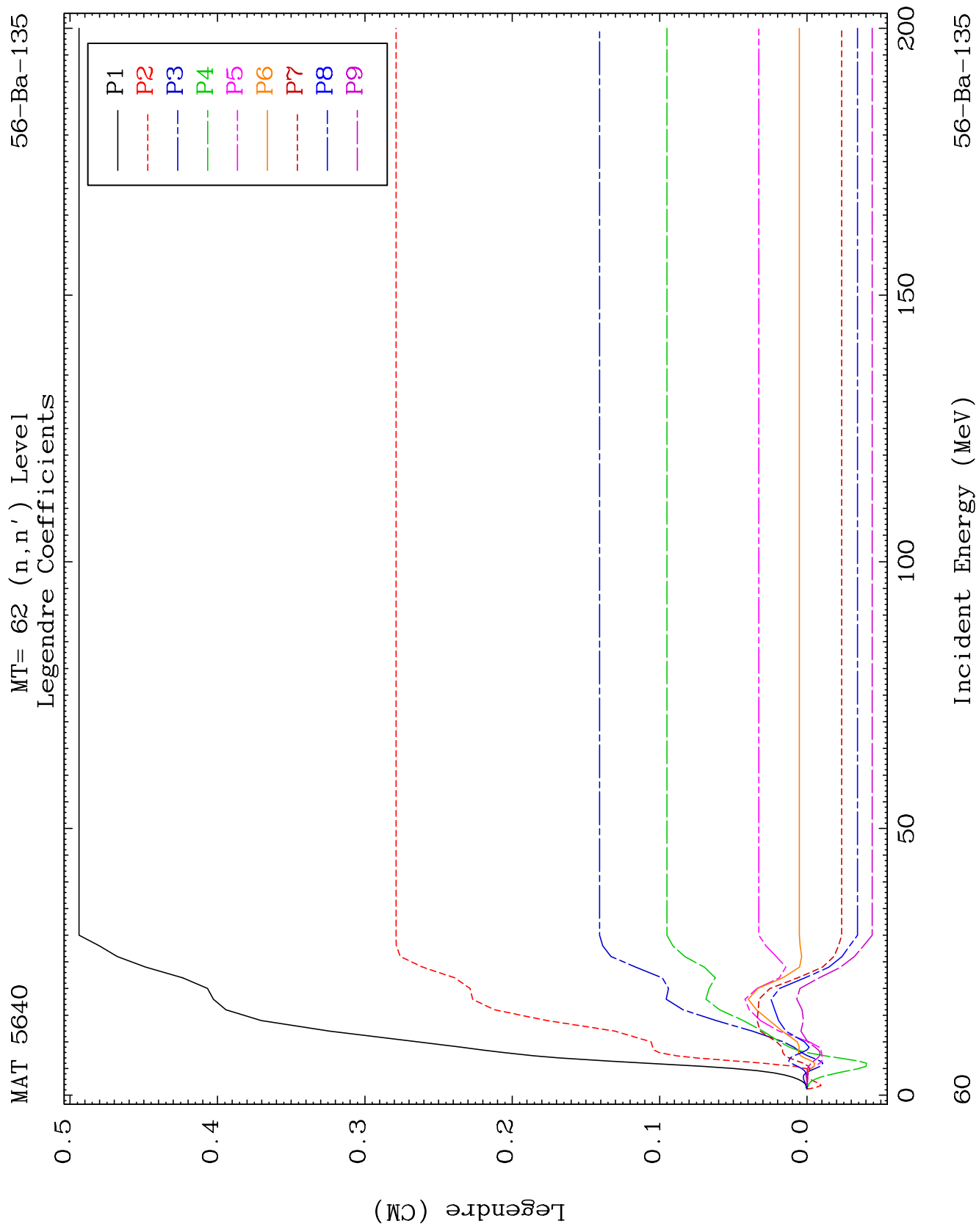


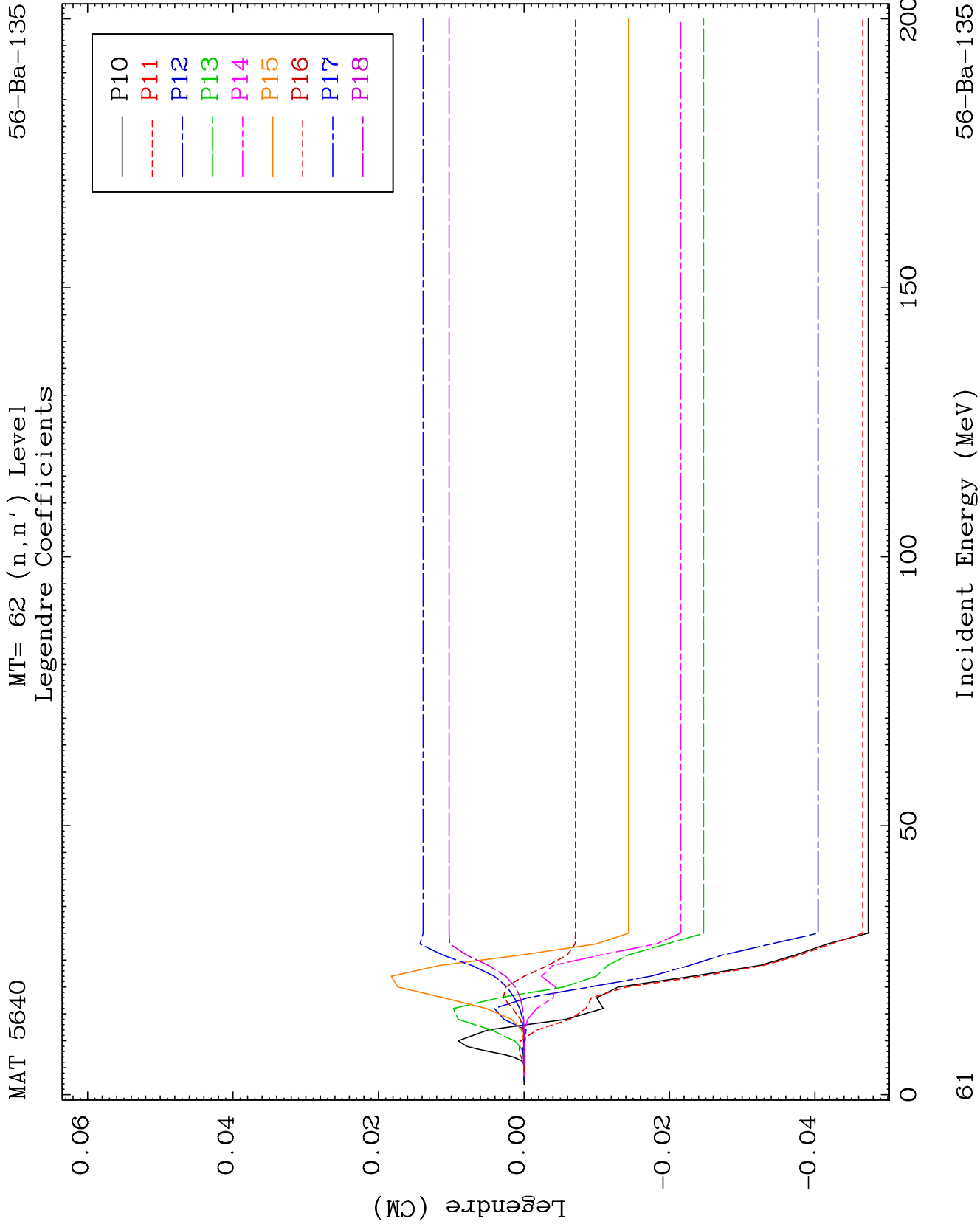


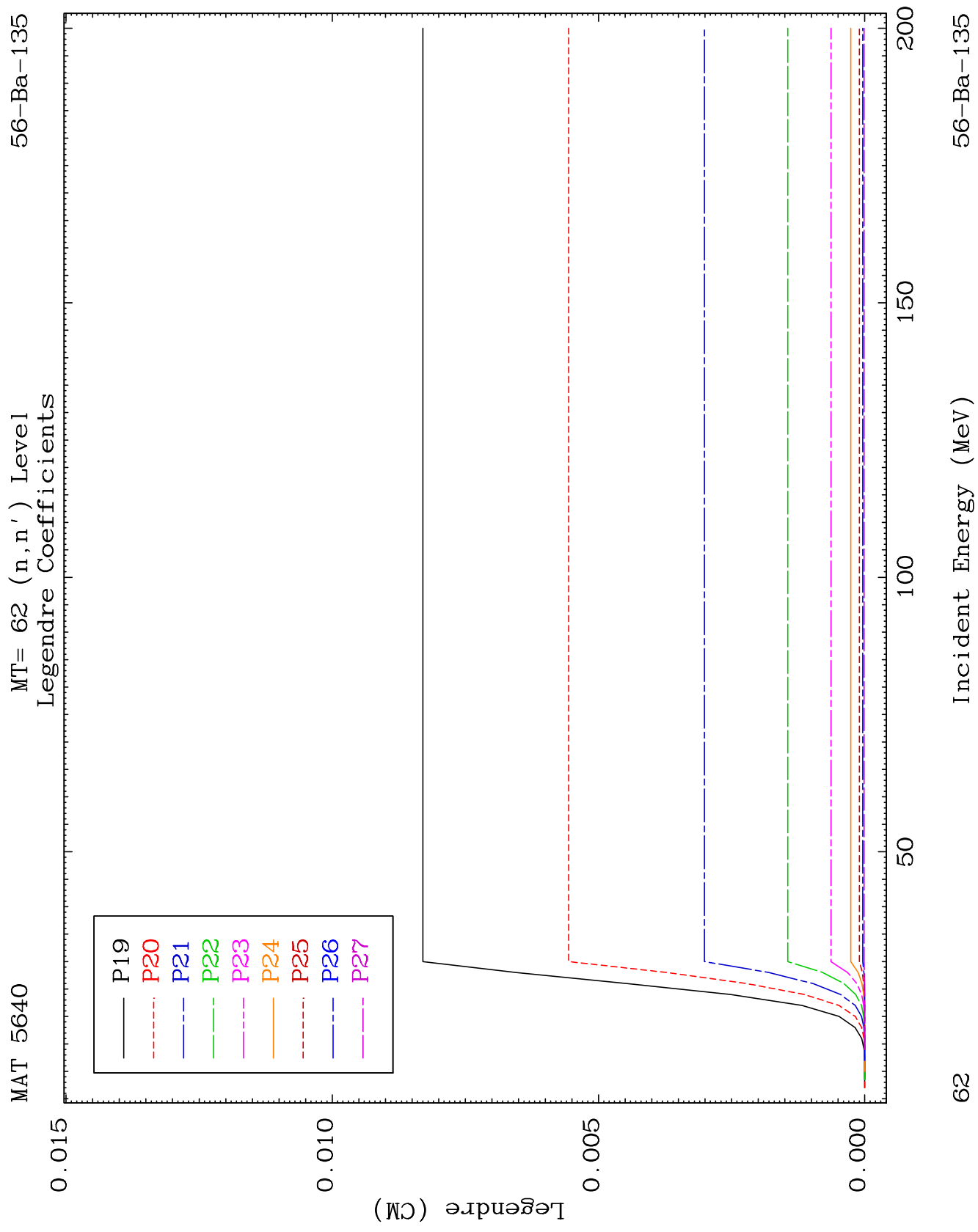








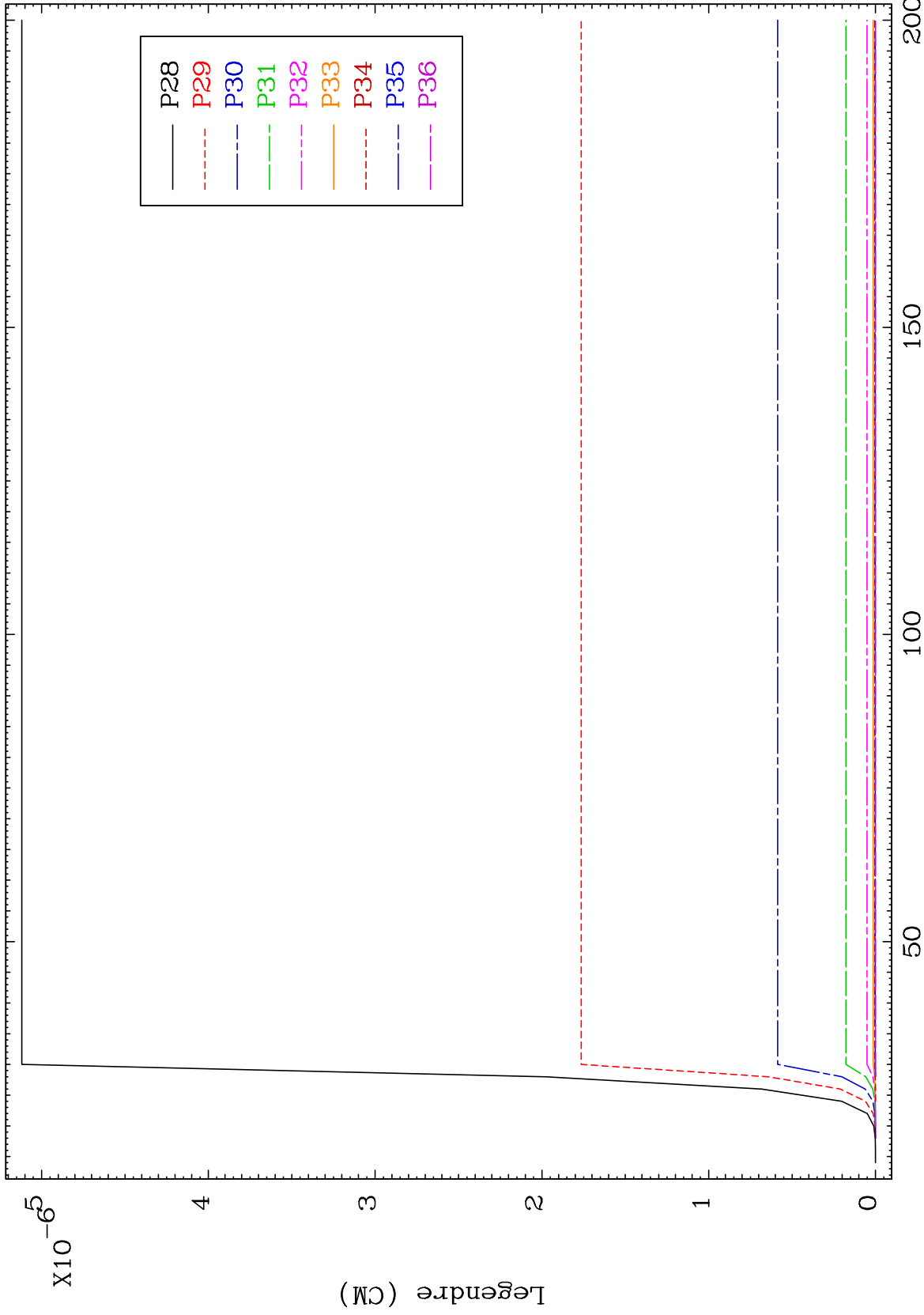




MAT 5640

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

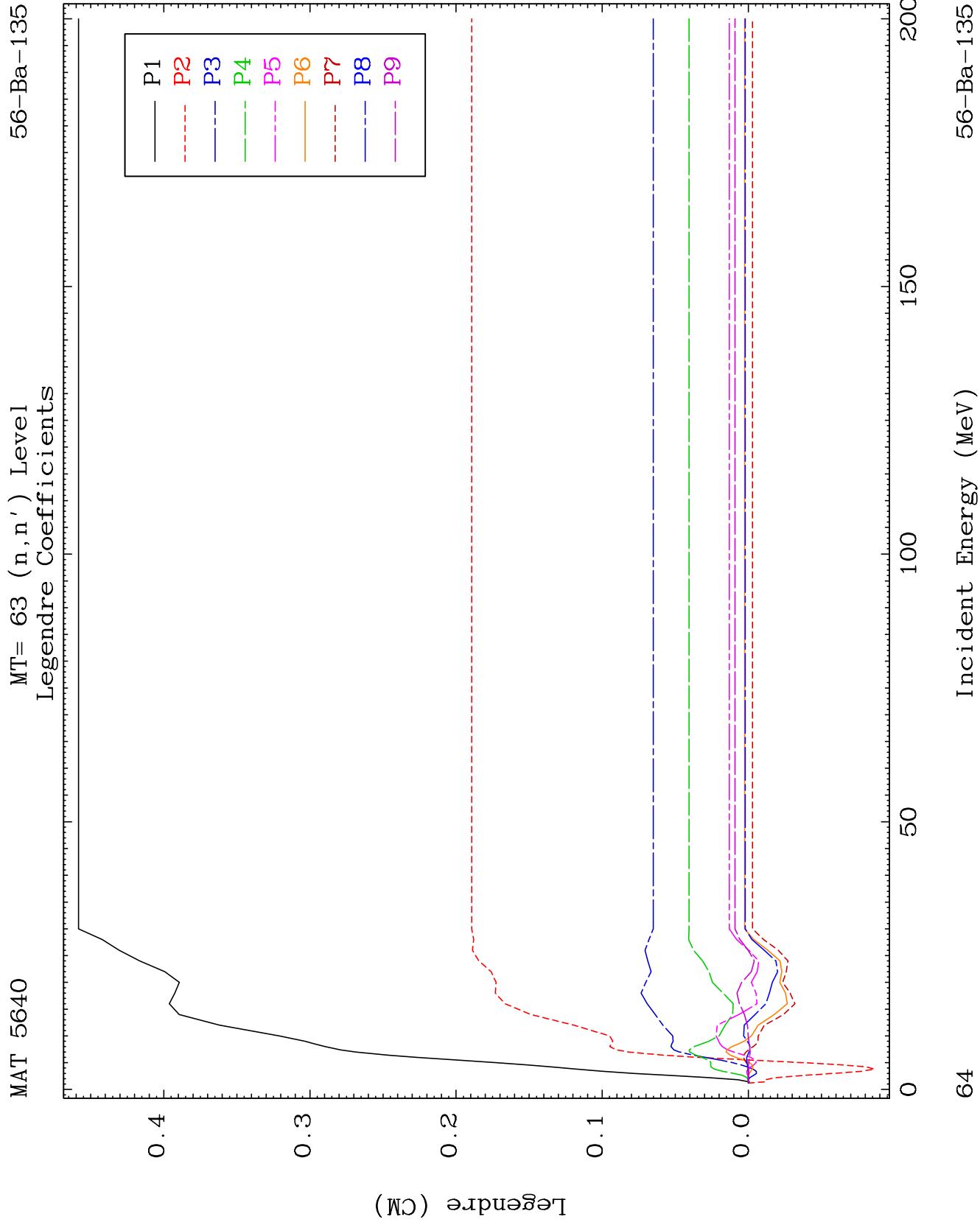
56-Ba-135

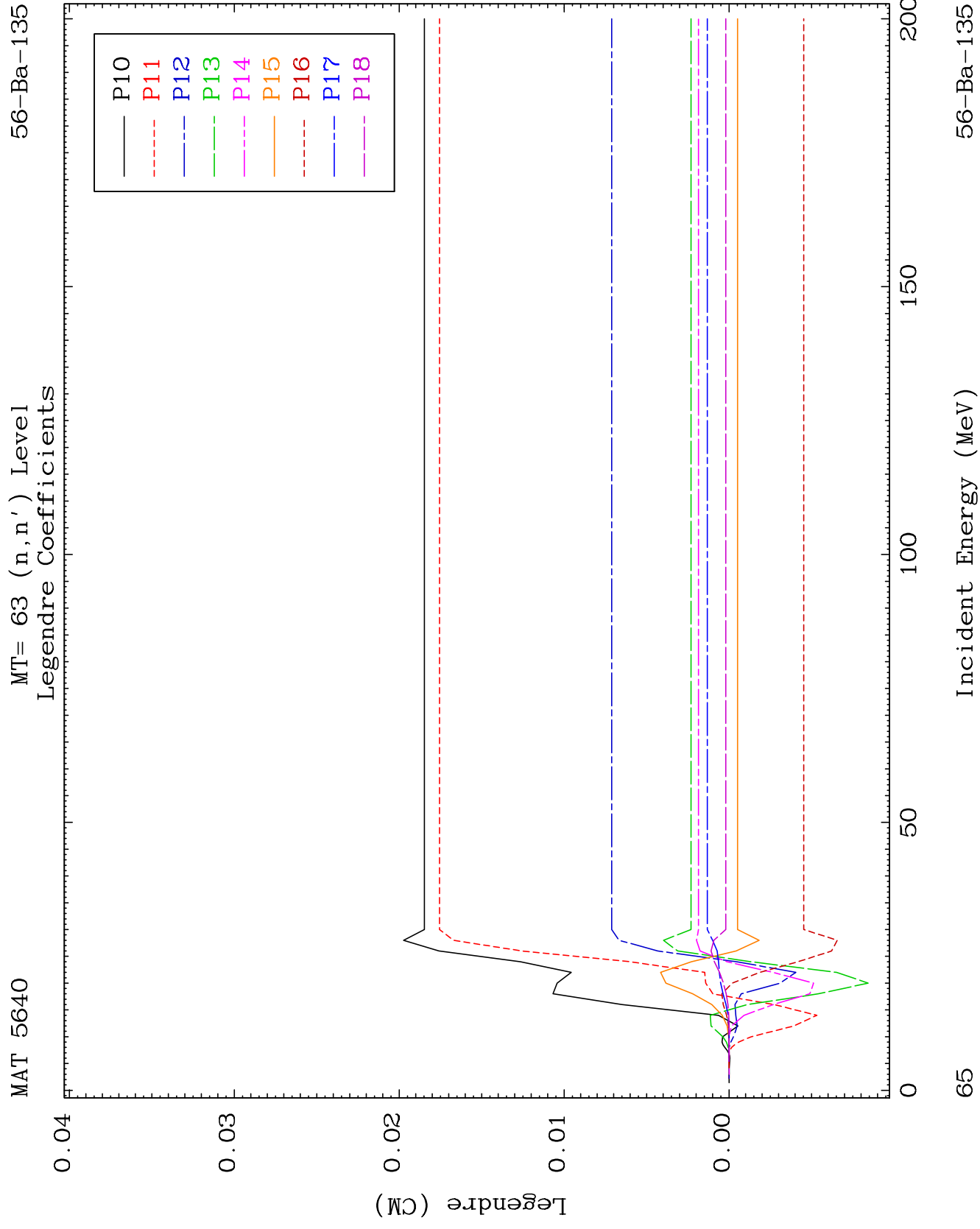


63

Incident Energy (MeV)

56-Ba-135

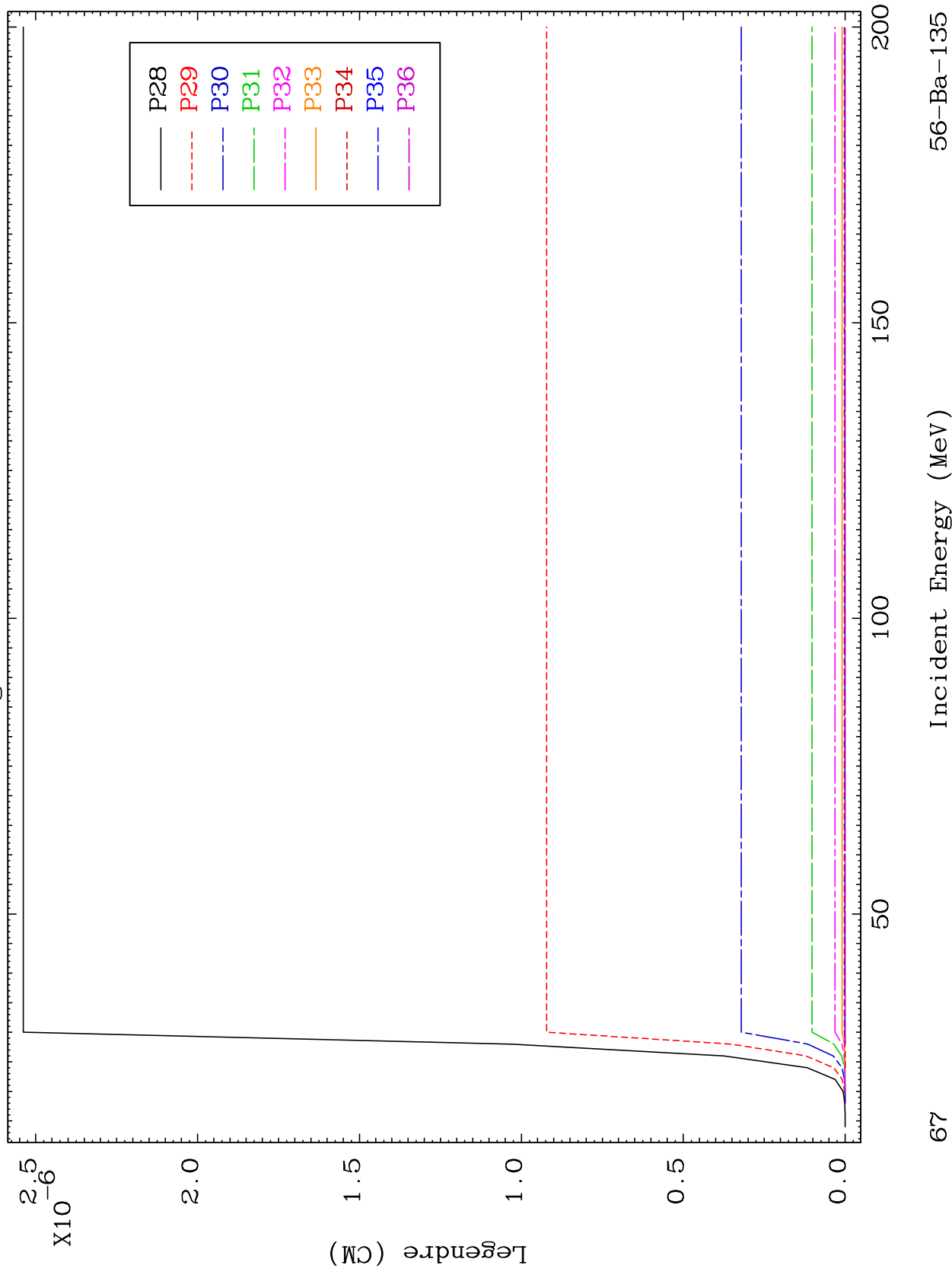




MAT 5640

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

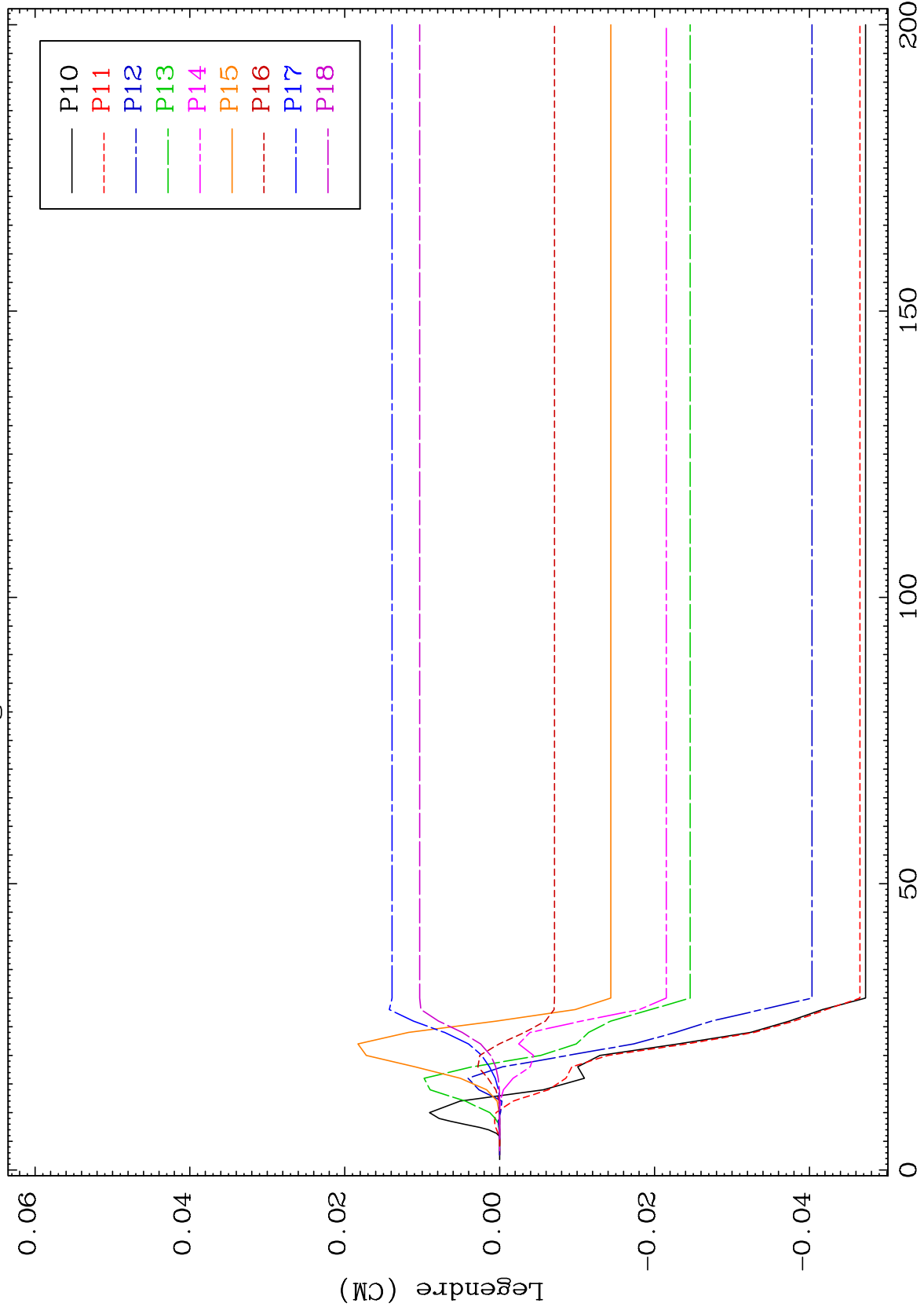
56-Ba-135



MAT 5640

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

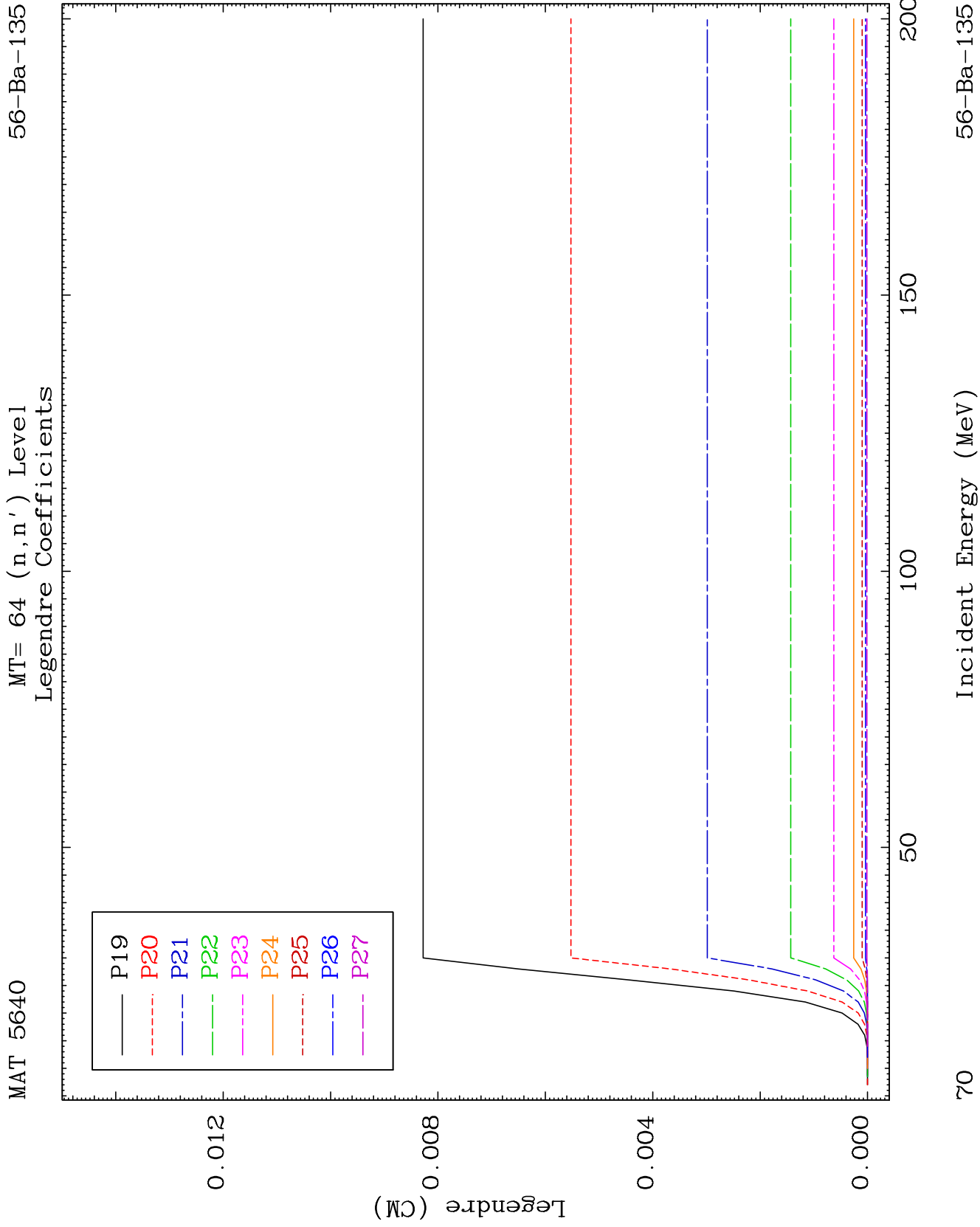
56-Ba-135



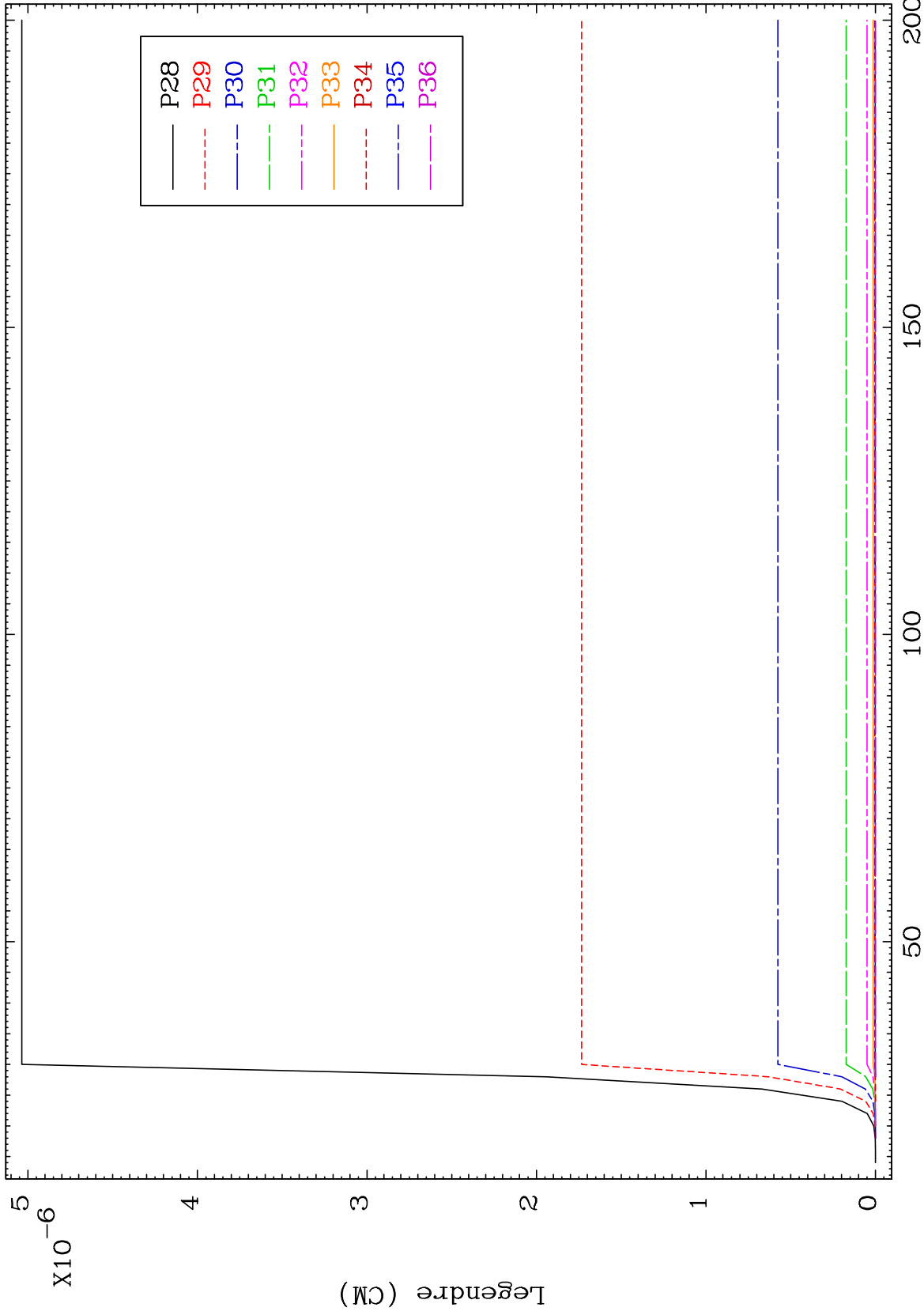
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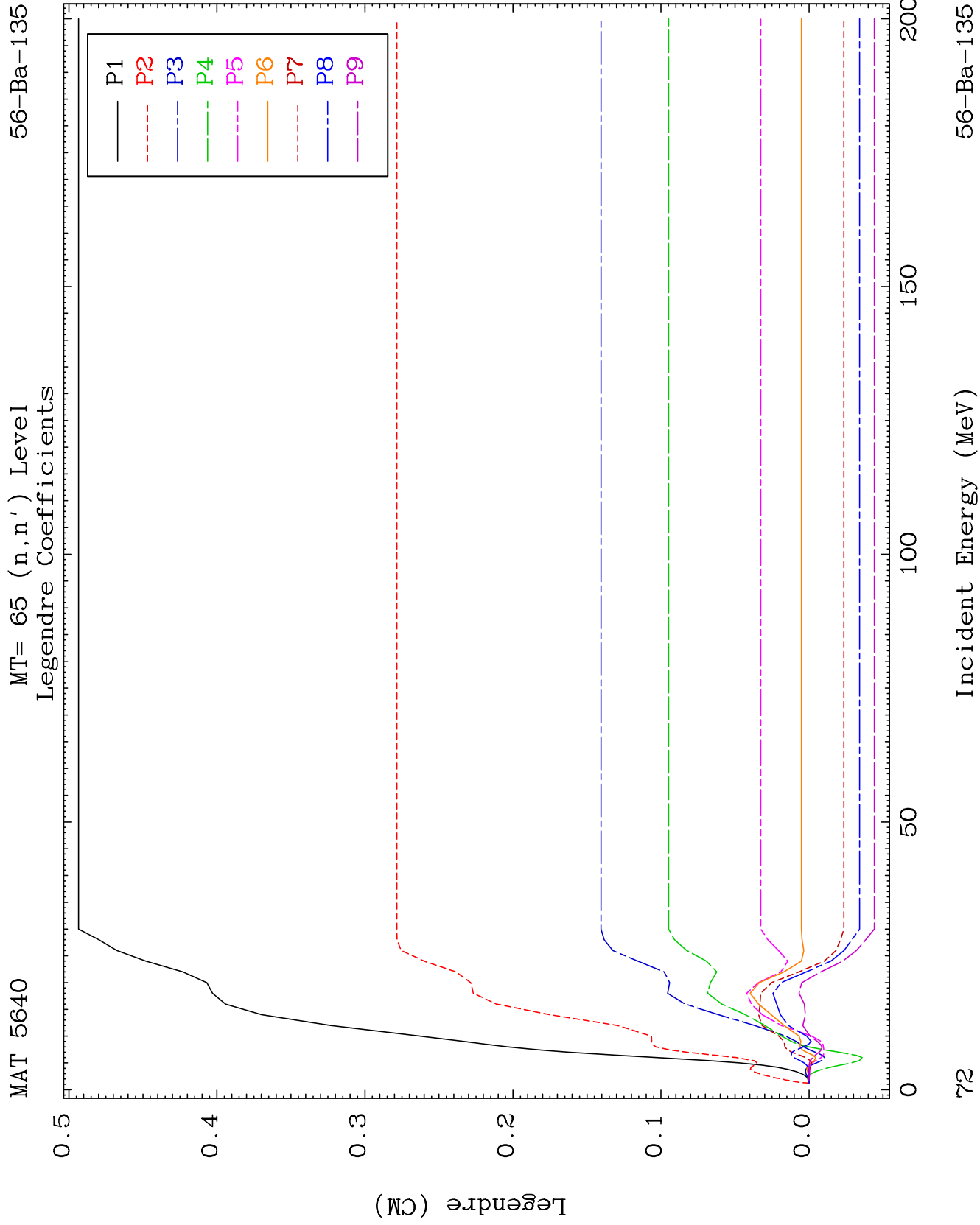
Incident Energy (MeV)

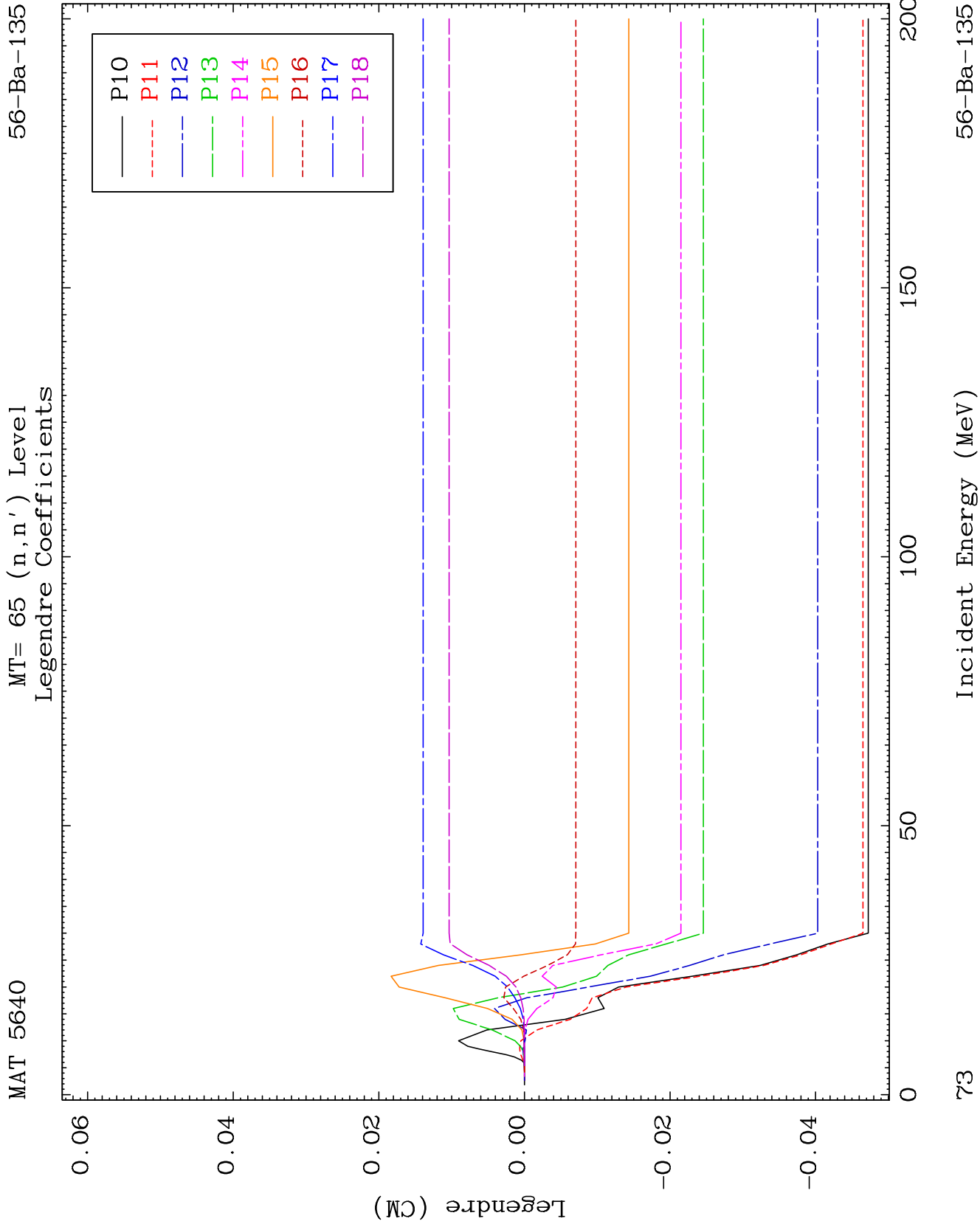
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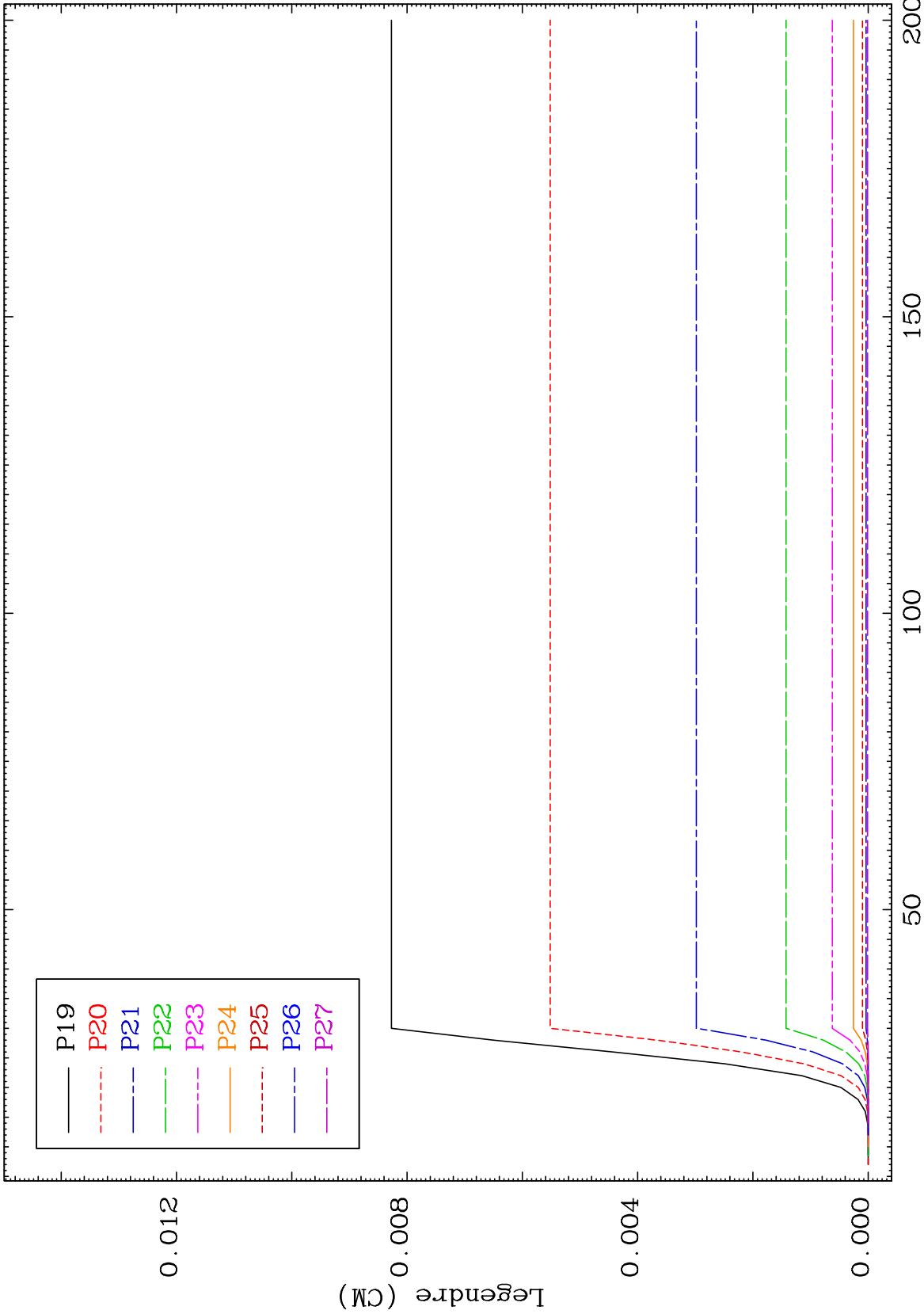


MAT 5640 MT= 64 (n,n') Level Legendre Coefficients 56-Ba-135





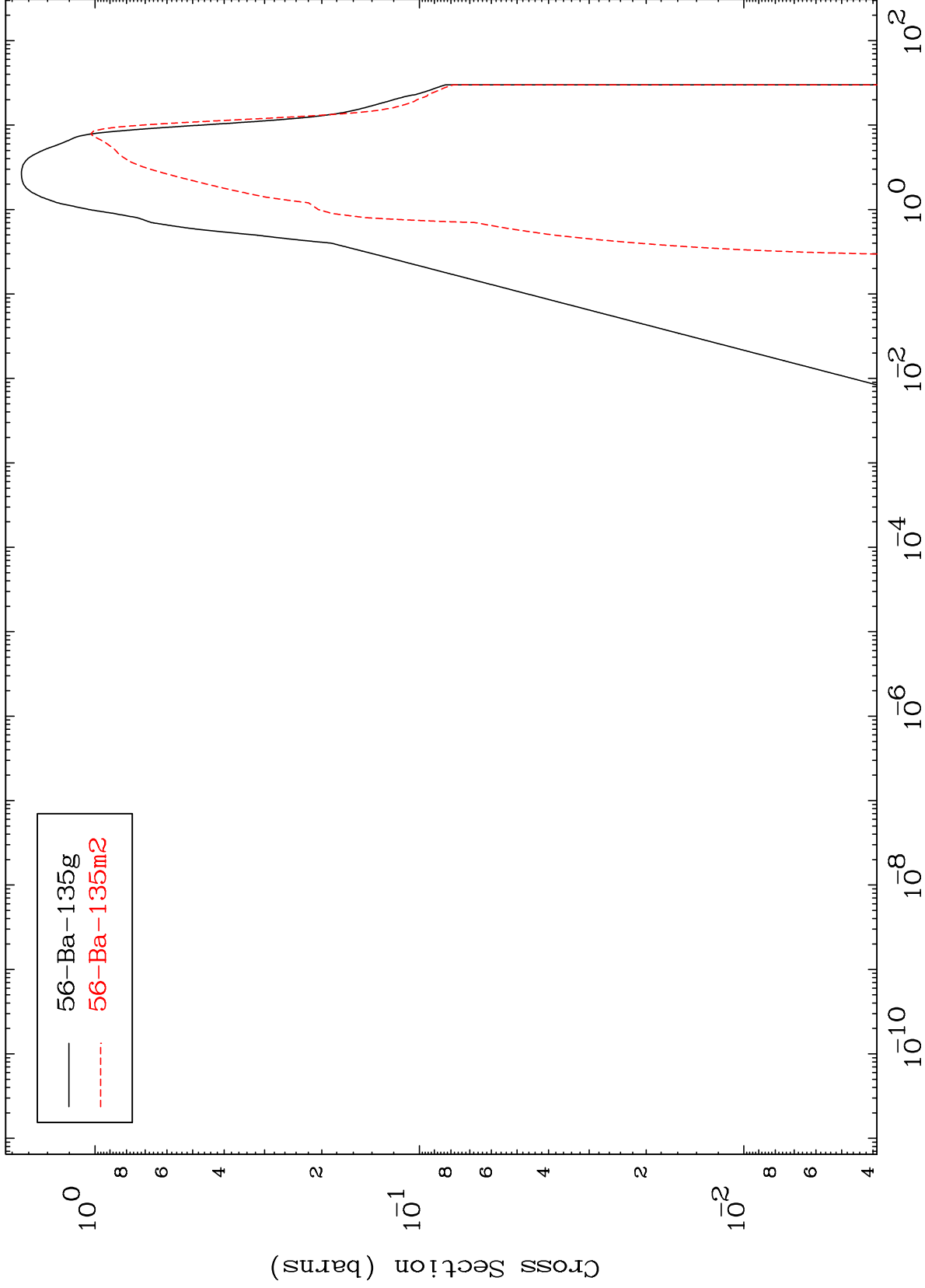




MAT 5640

Radionuclide Production Cross Section

56-Ba-135



76

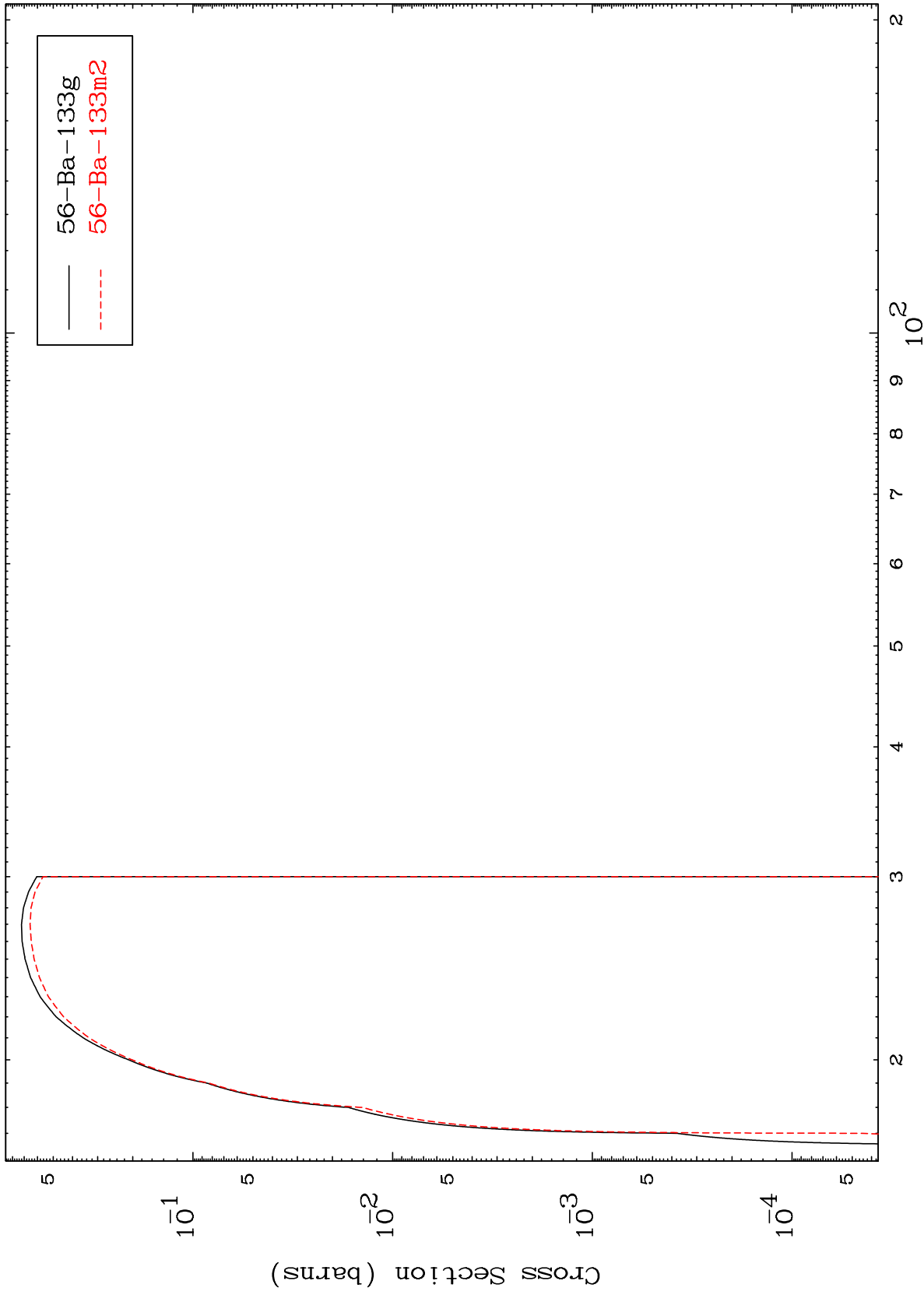
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

(n,3n)
Radionuclide Production Cross Section



77

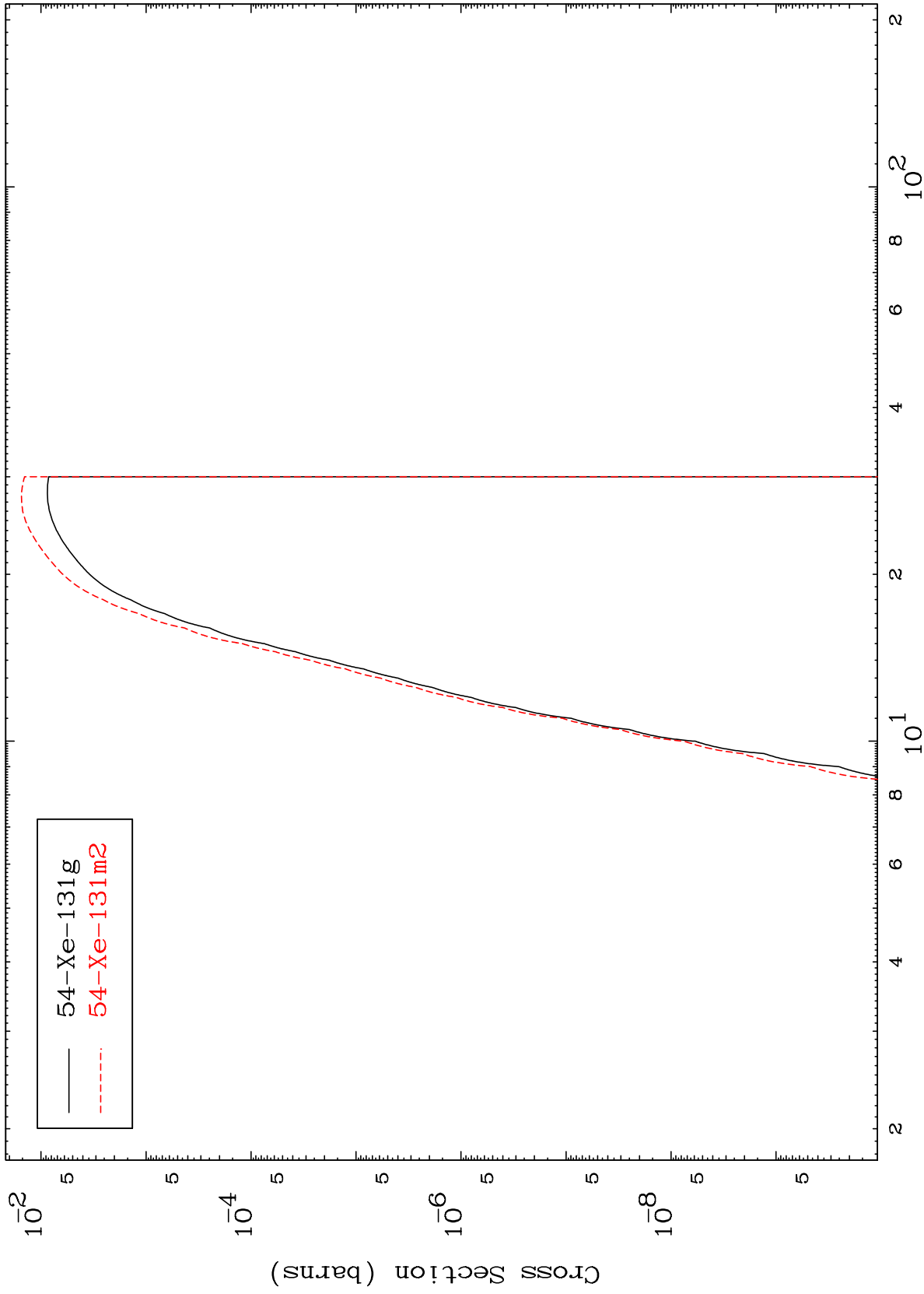
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

(n,n') α
Radionuclide Production Cross Section



78

Incident Energy (MeV)

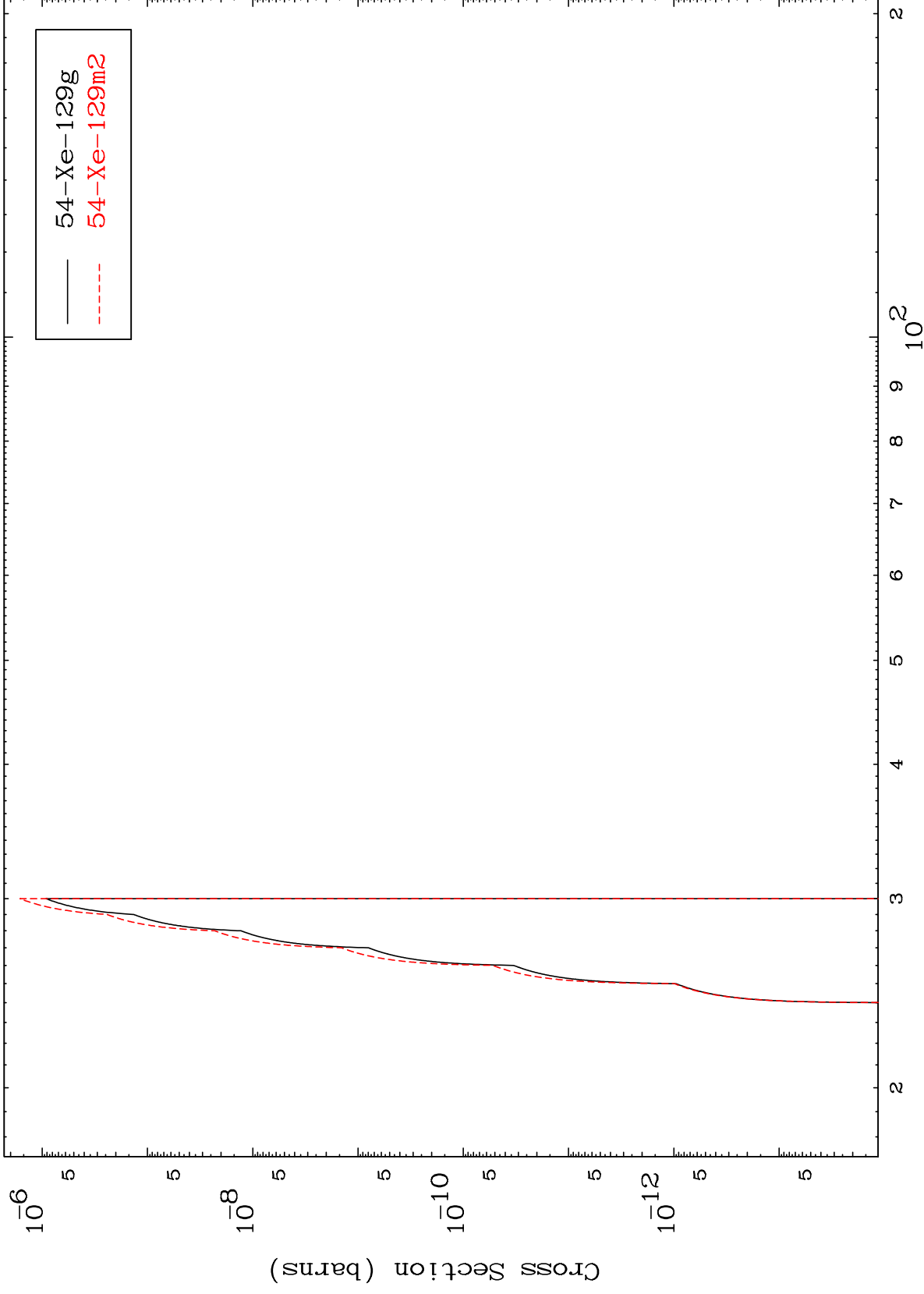
56-Ba-135

MAT 5640

$(n,3n) \alpha$

56-Ba-135

Radionuclide Production Cross Section



79

Incident Energy (MeV)

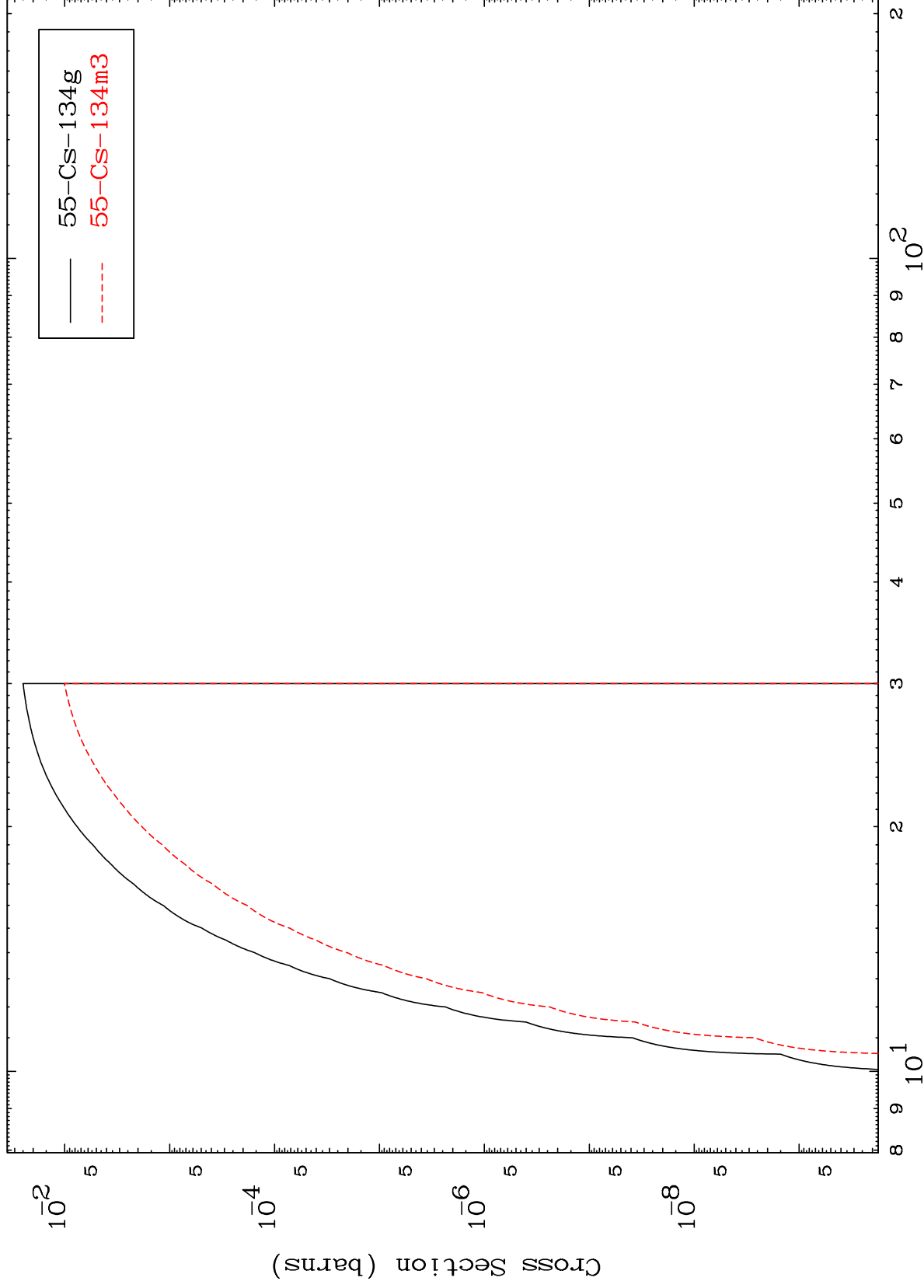
56-Ba-135

MAT 5640

(n,n') p

56-Ba-135

Radionuclide Production Cross Section



80

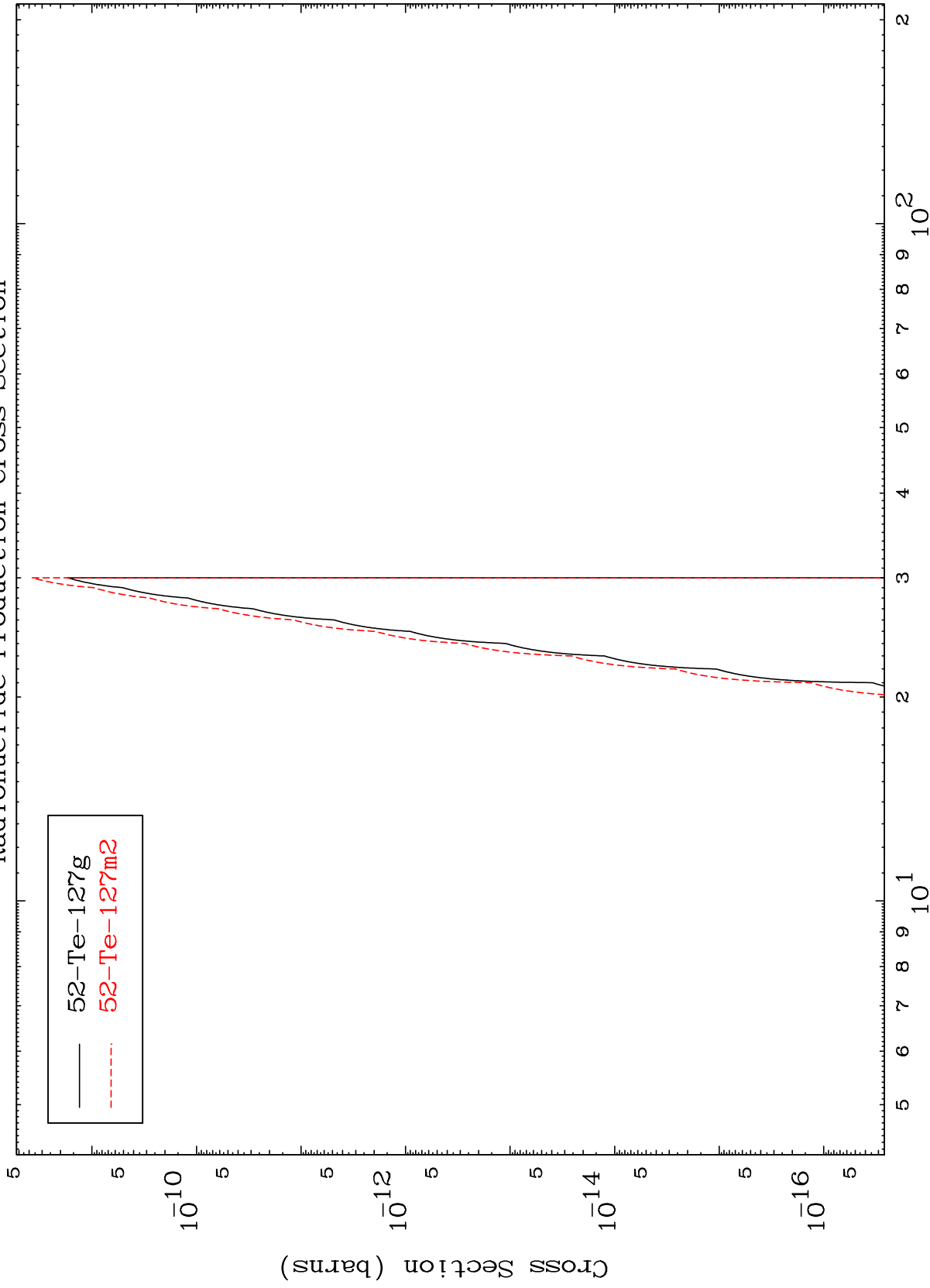
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

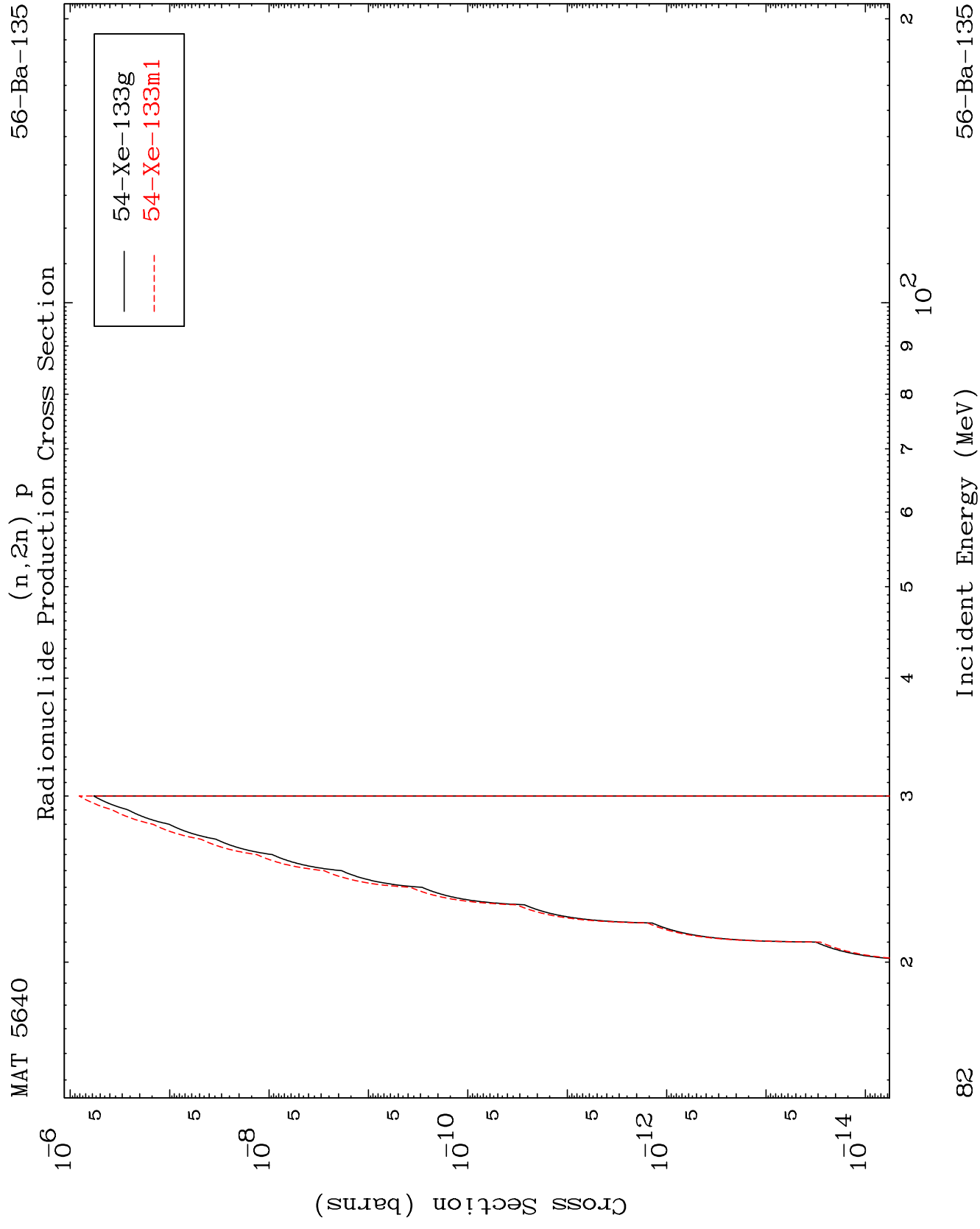
(n,n') 2α
Radionuclide Production Cross Section



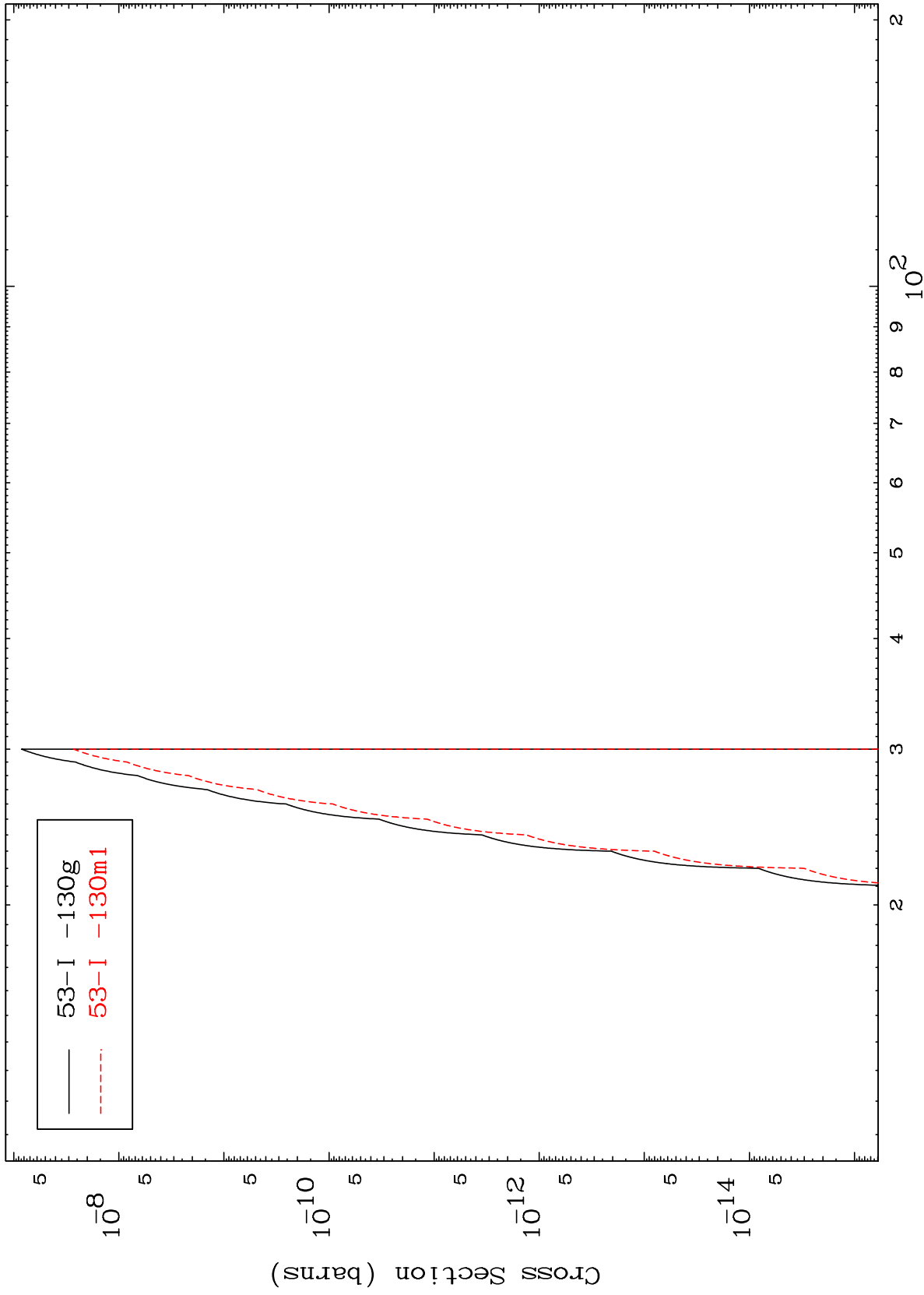
81

Incident Energy (MeV)

56-Ba-135



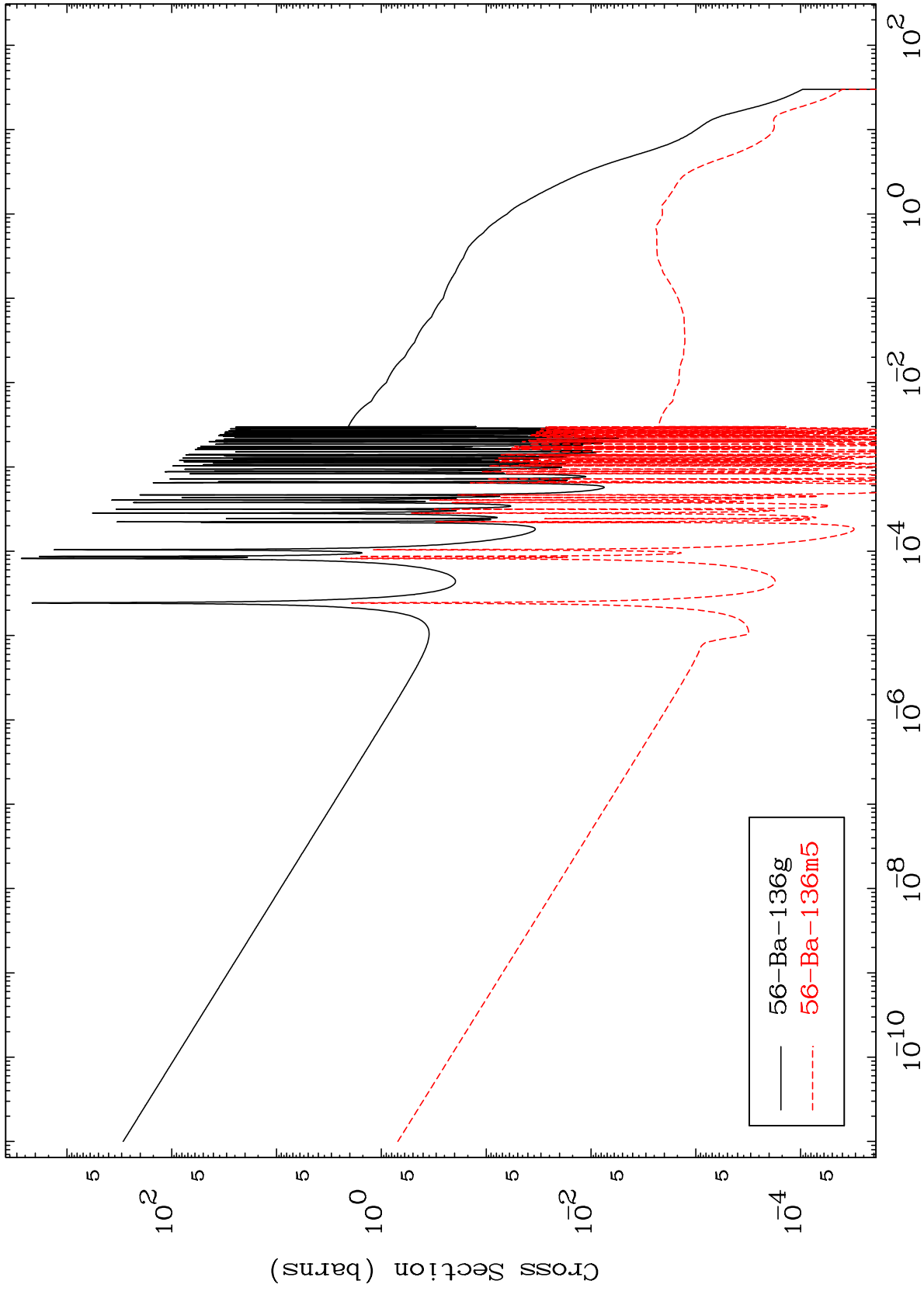
Radionuclide Production Cross Section
(n,n') p α



MAT 5640

56-Ba-135

(n,γ)
Radionuclide Production Cross Section



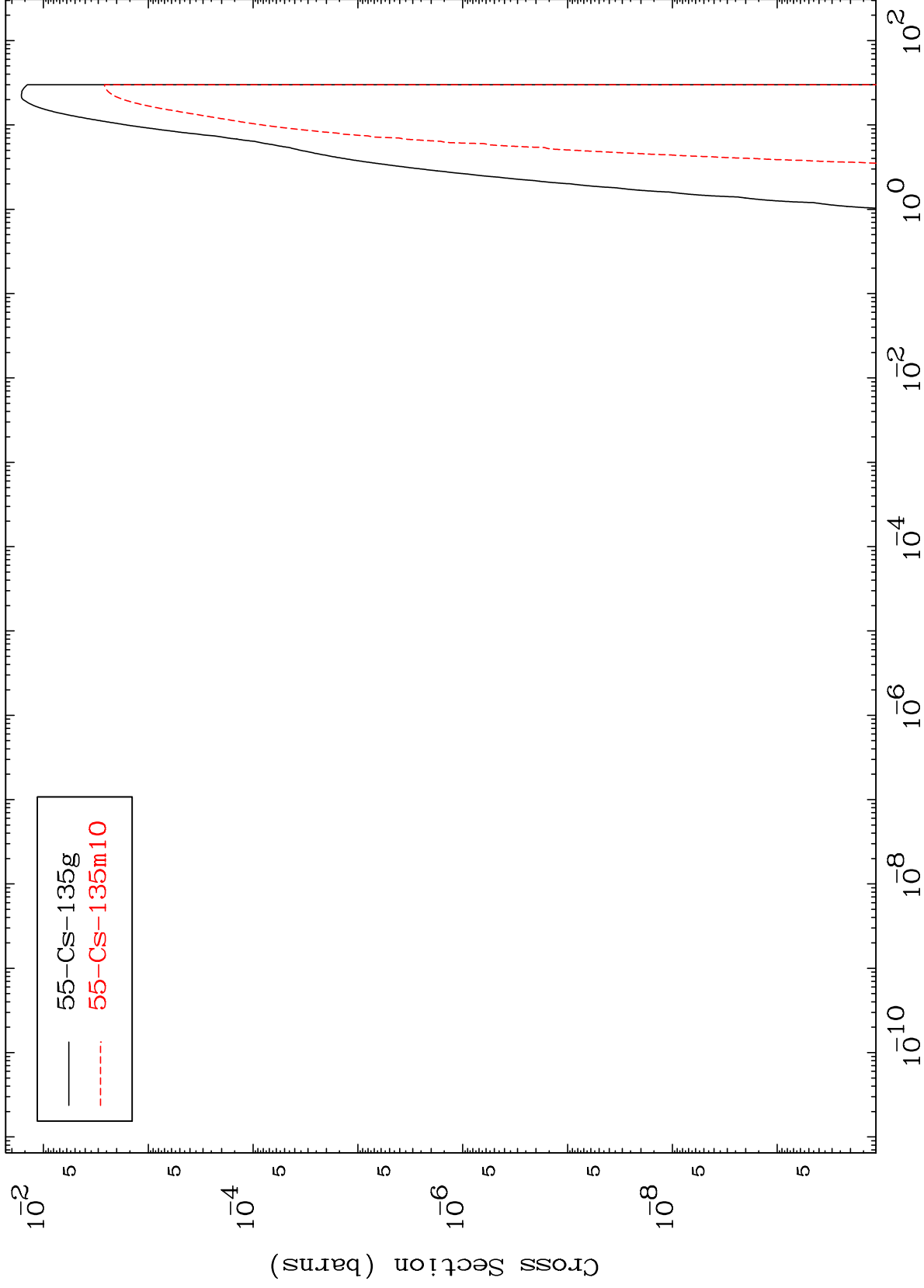
84

56-Ba-135

MAT 5640

(n,p)
Radionuclide Production Cross Section

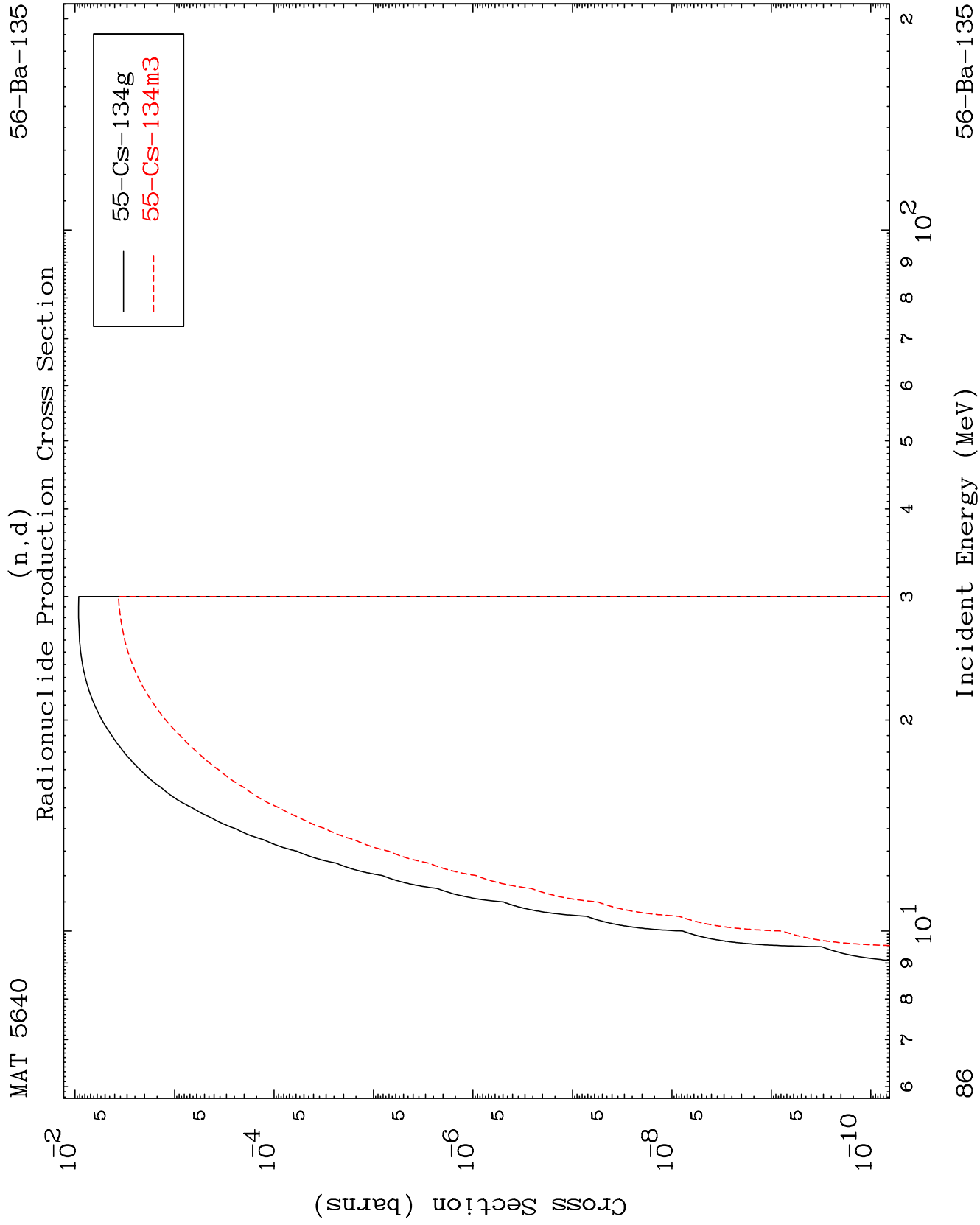
56-Ba-135



85

Incident Energy (MeV)

56-Ba-135

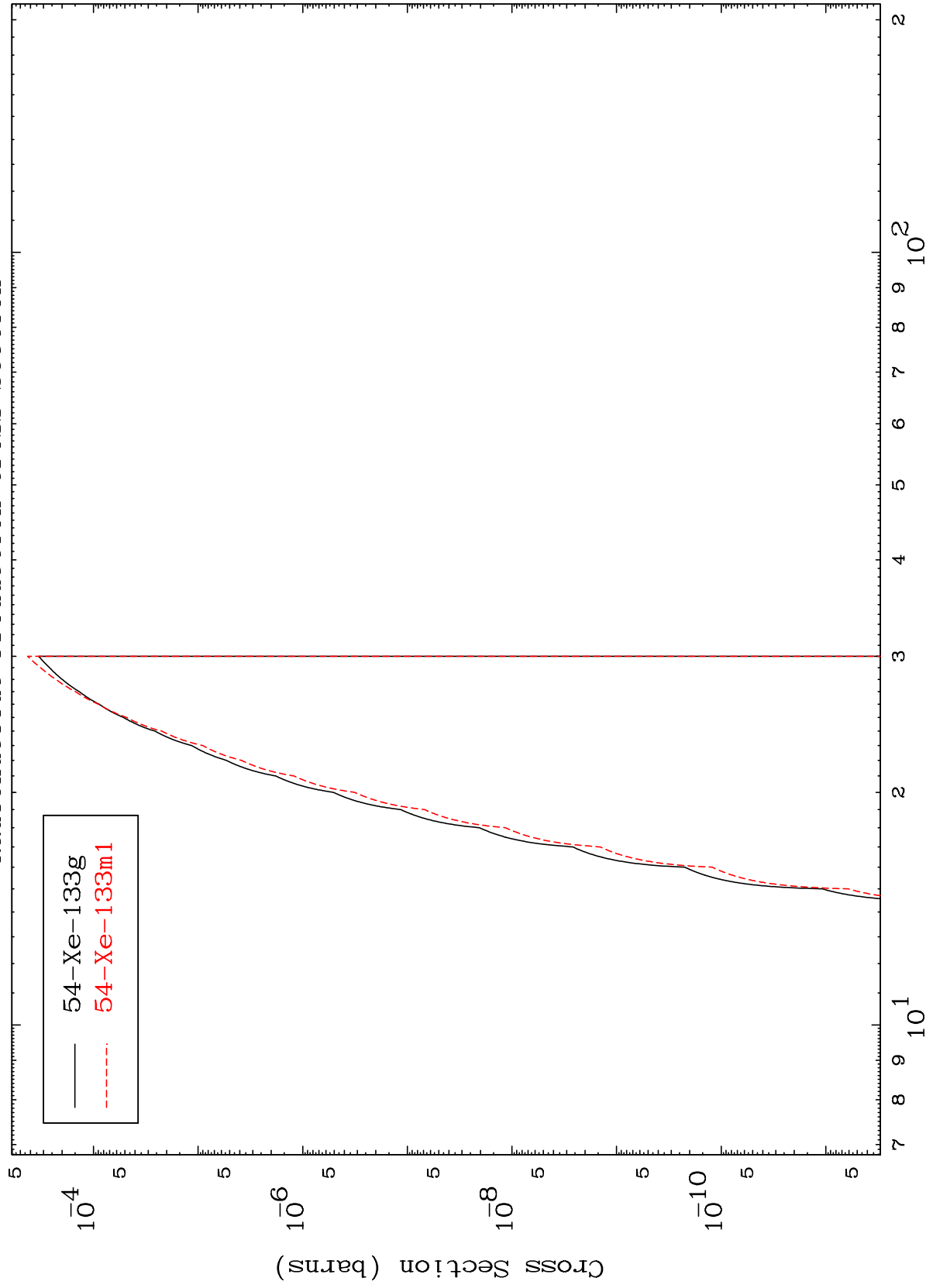


MAT 5640

(n,He-3)

56-Ba-135

Radionuclide Production Cross Section



87

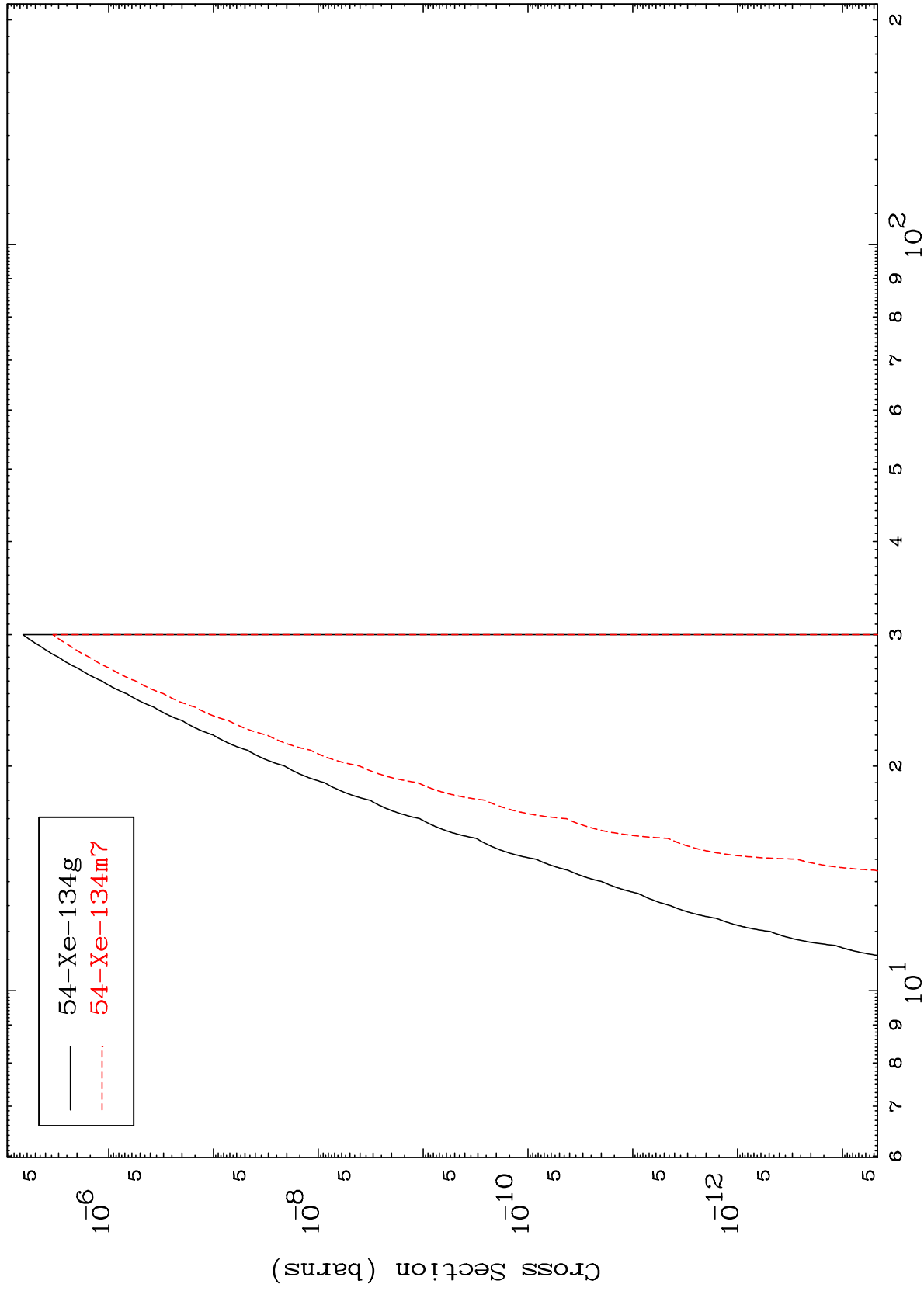
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

Radionuclide Production Cross Section
(n,2p)



88

Incident Energy (MeV)

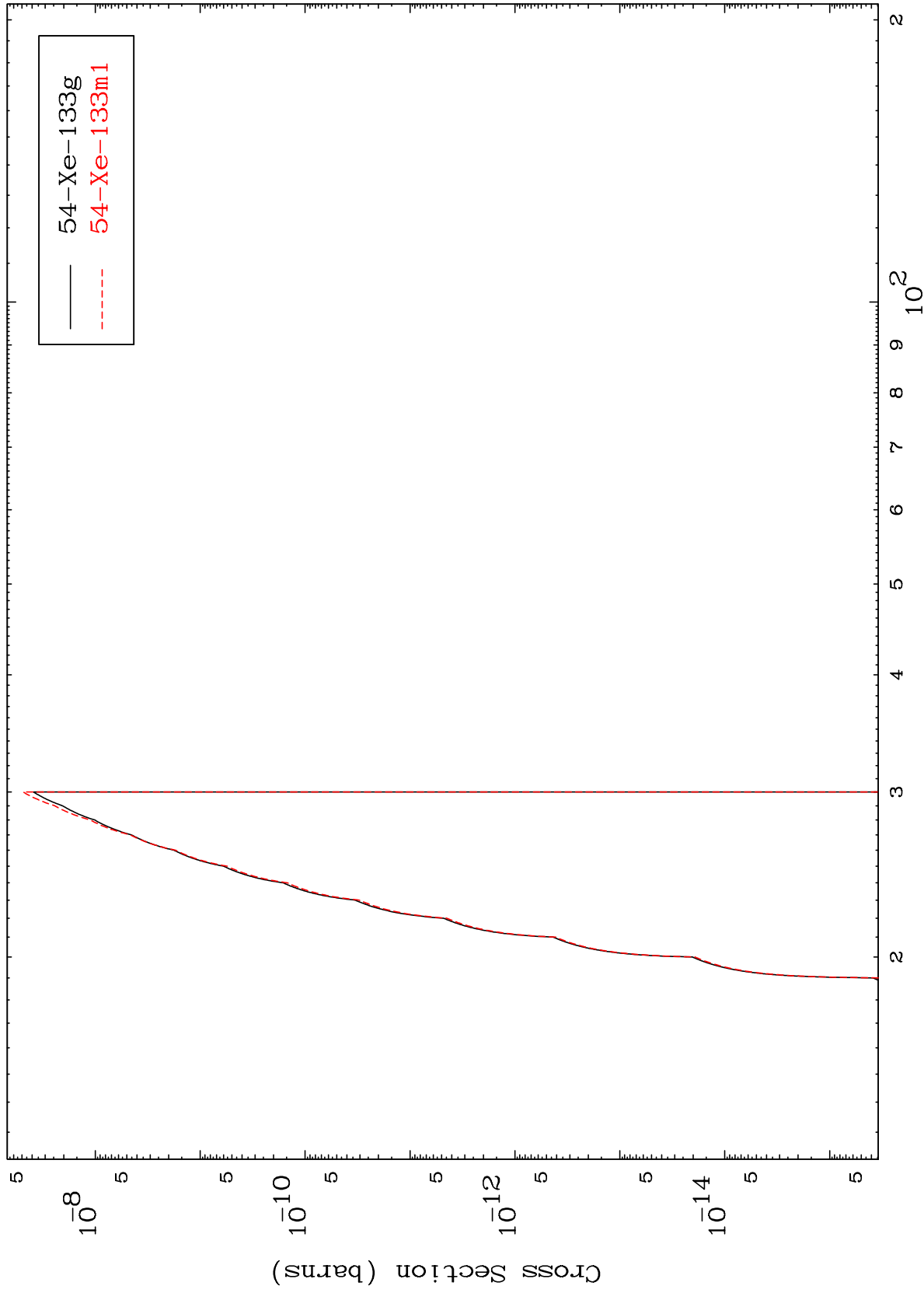
56-Ba-135

MAT 5640

(n,p) d

56-Ba-135

Radionuclide Production Cross Section



89

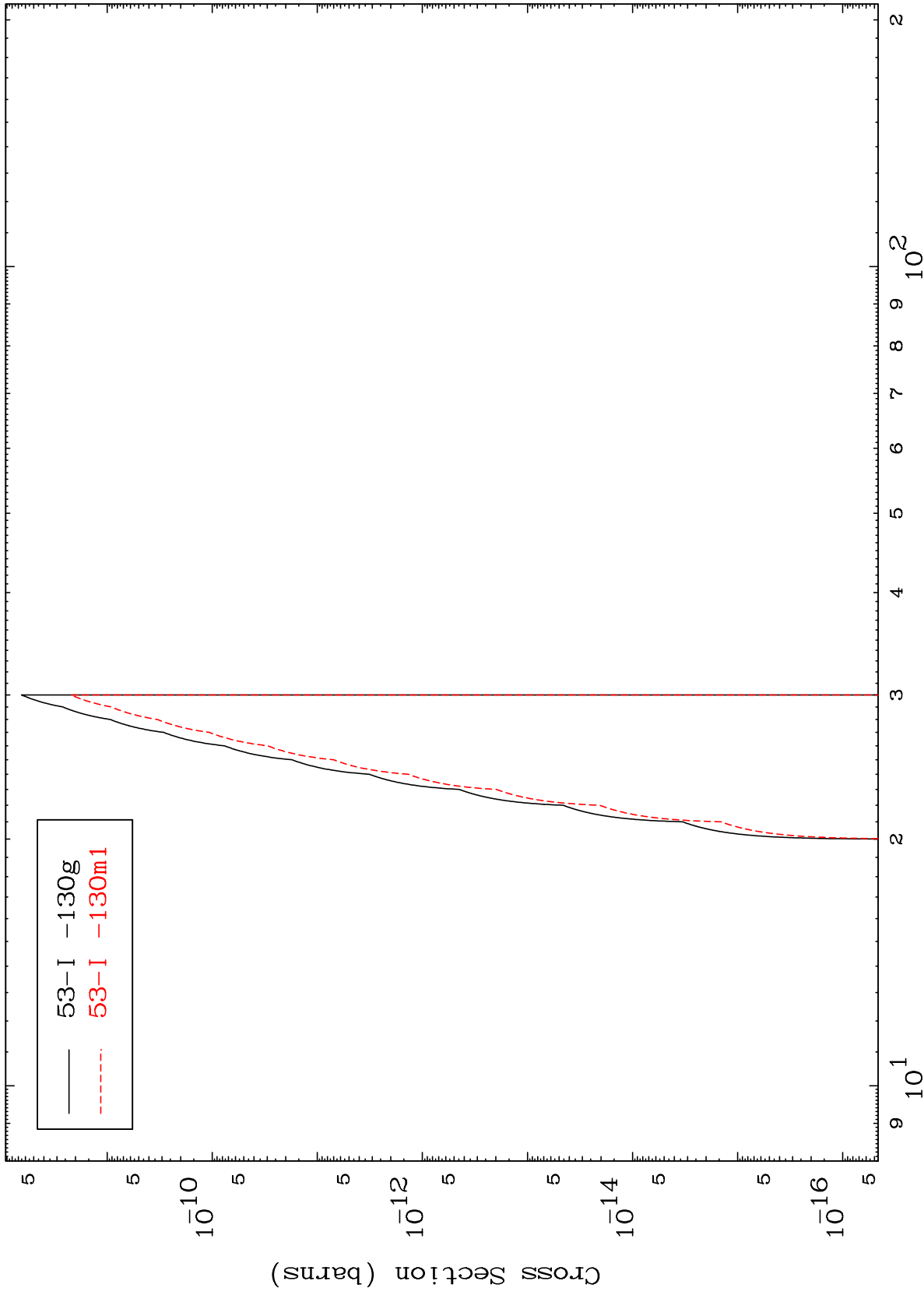
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

(n,d) α
Radionuclide Production Cross Section



90

Incident Energy (MeV)

56-Ba-135