

Program EVALPLOT
(Version 2018-1)

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

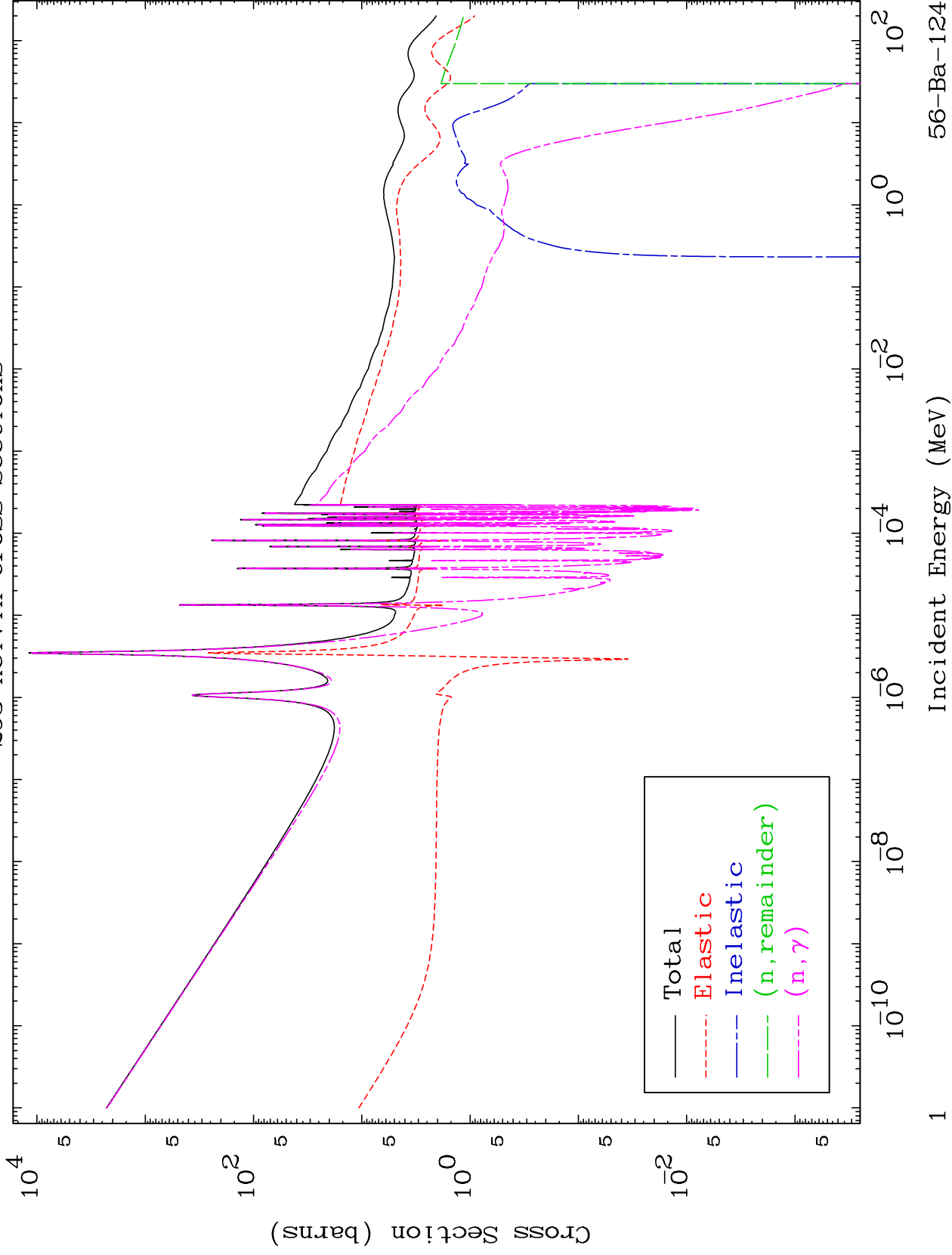
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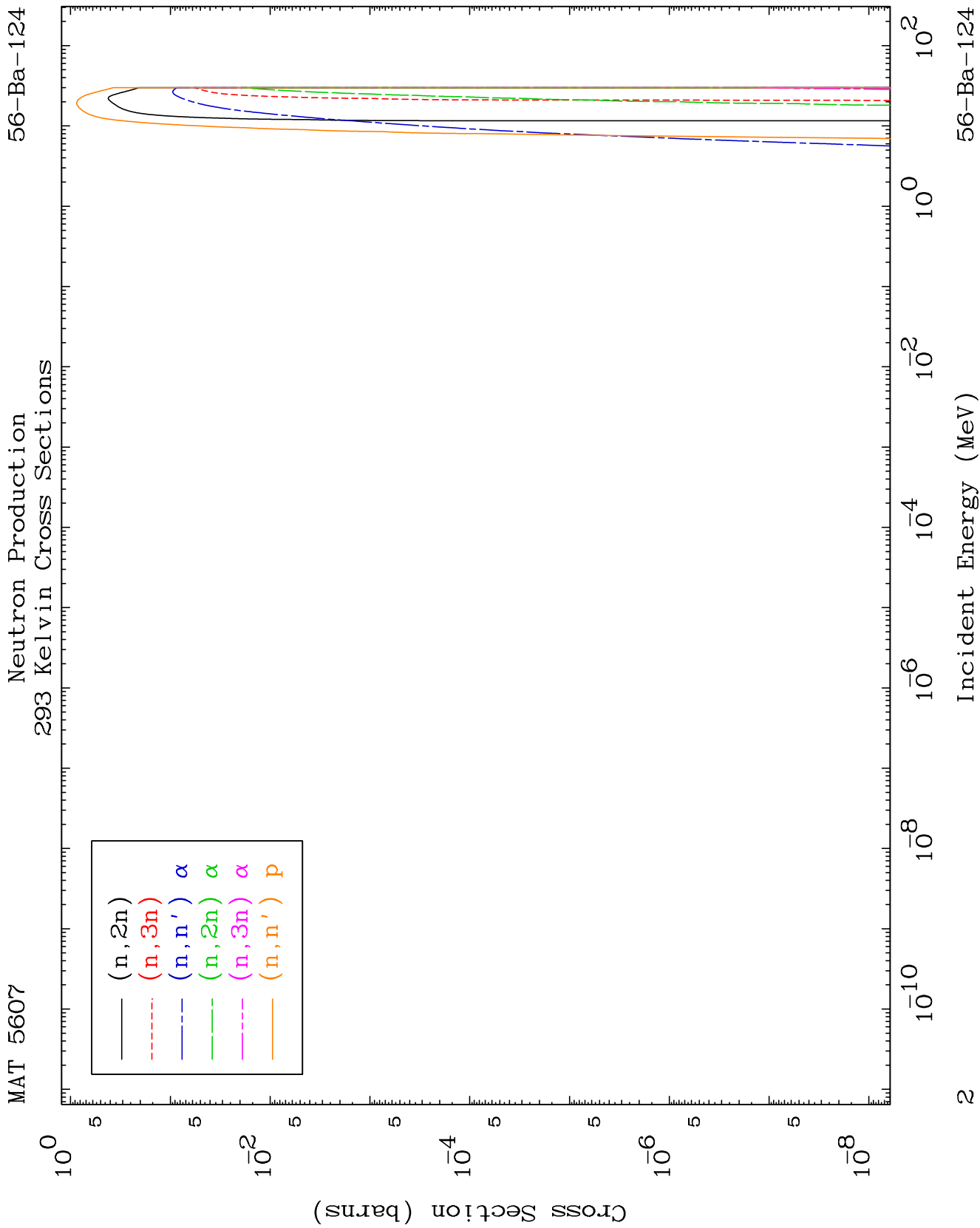
Press Mouse Button to Start

MAT 5607

Major
293 Kelvin Cross Sections

56-Ba-124

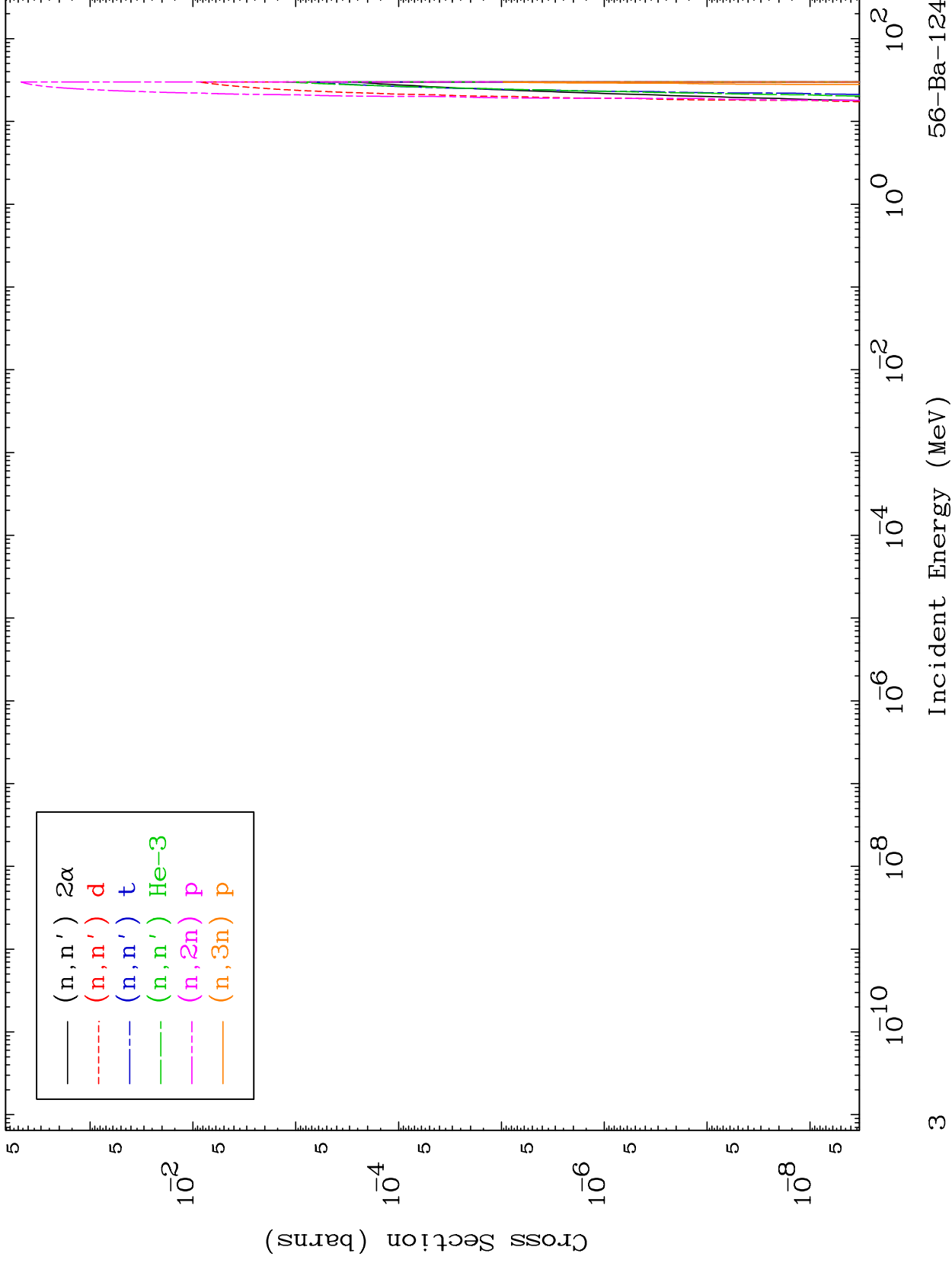




MAT 5607

Neutron Production
293 Kelvin Cross Sections

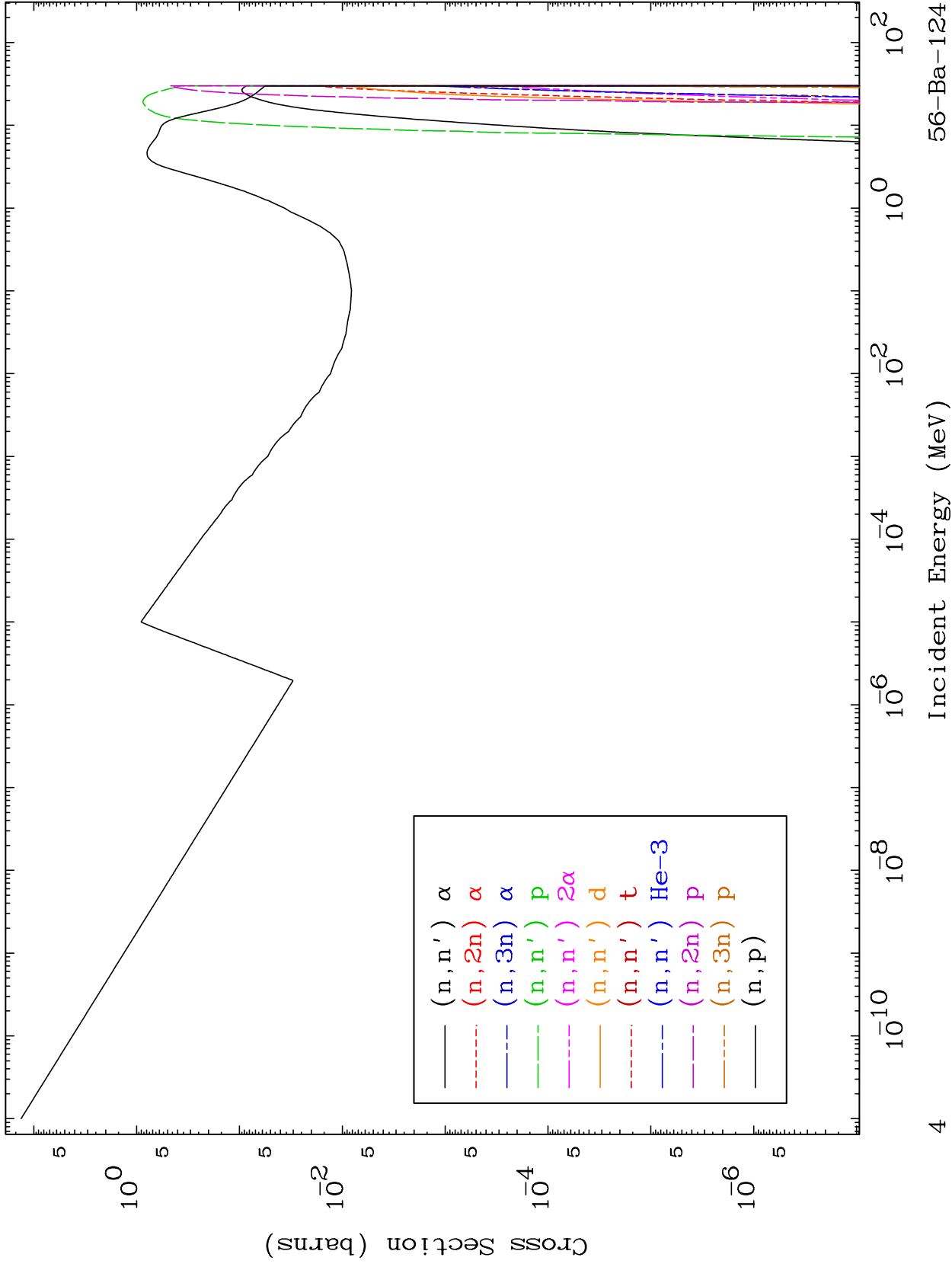
56-Ba-124

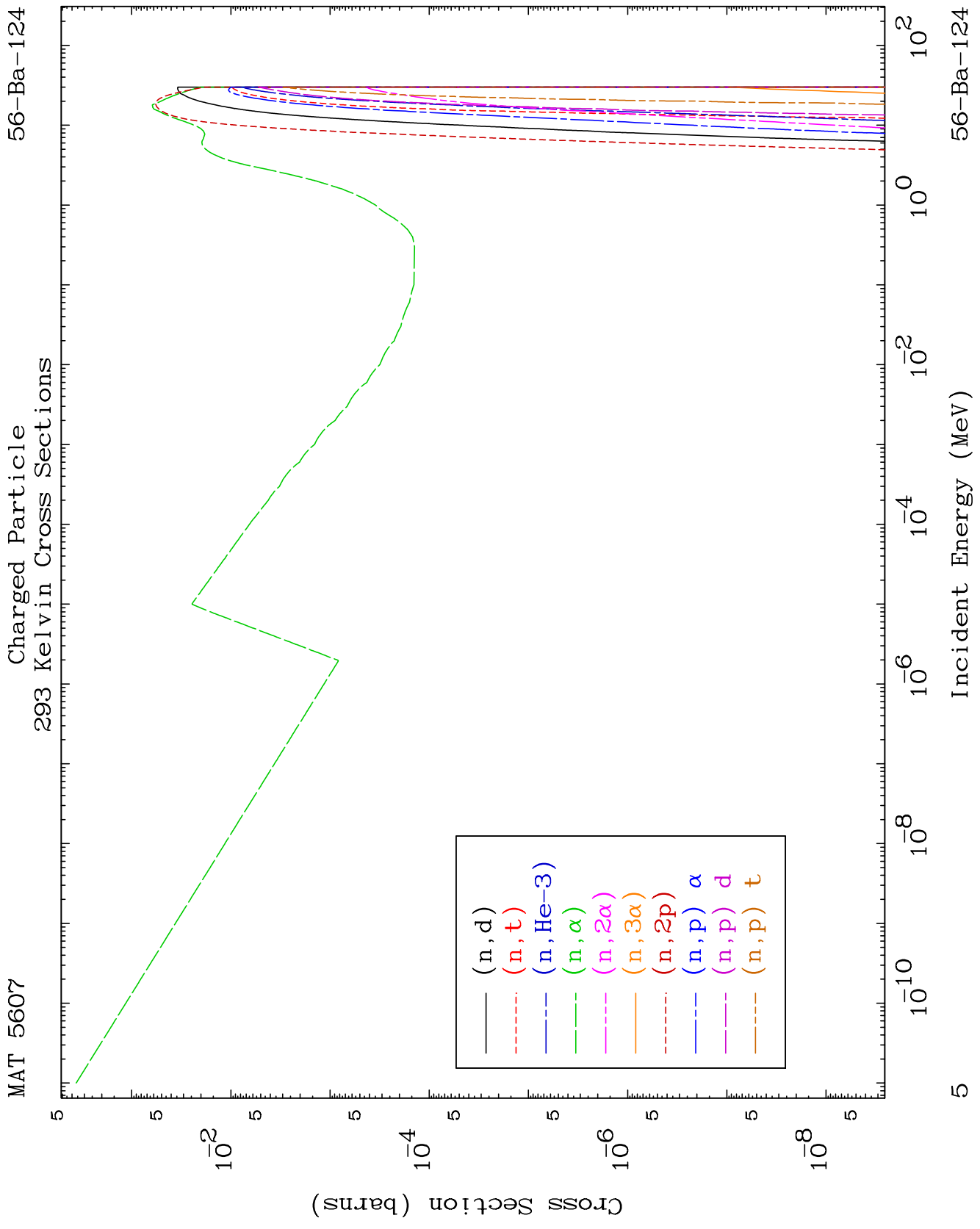


MAT 5607

Charged Particle
293 Kelvin Cross Sections

56-Ba-124





MAT 5607

56-Ba-124

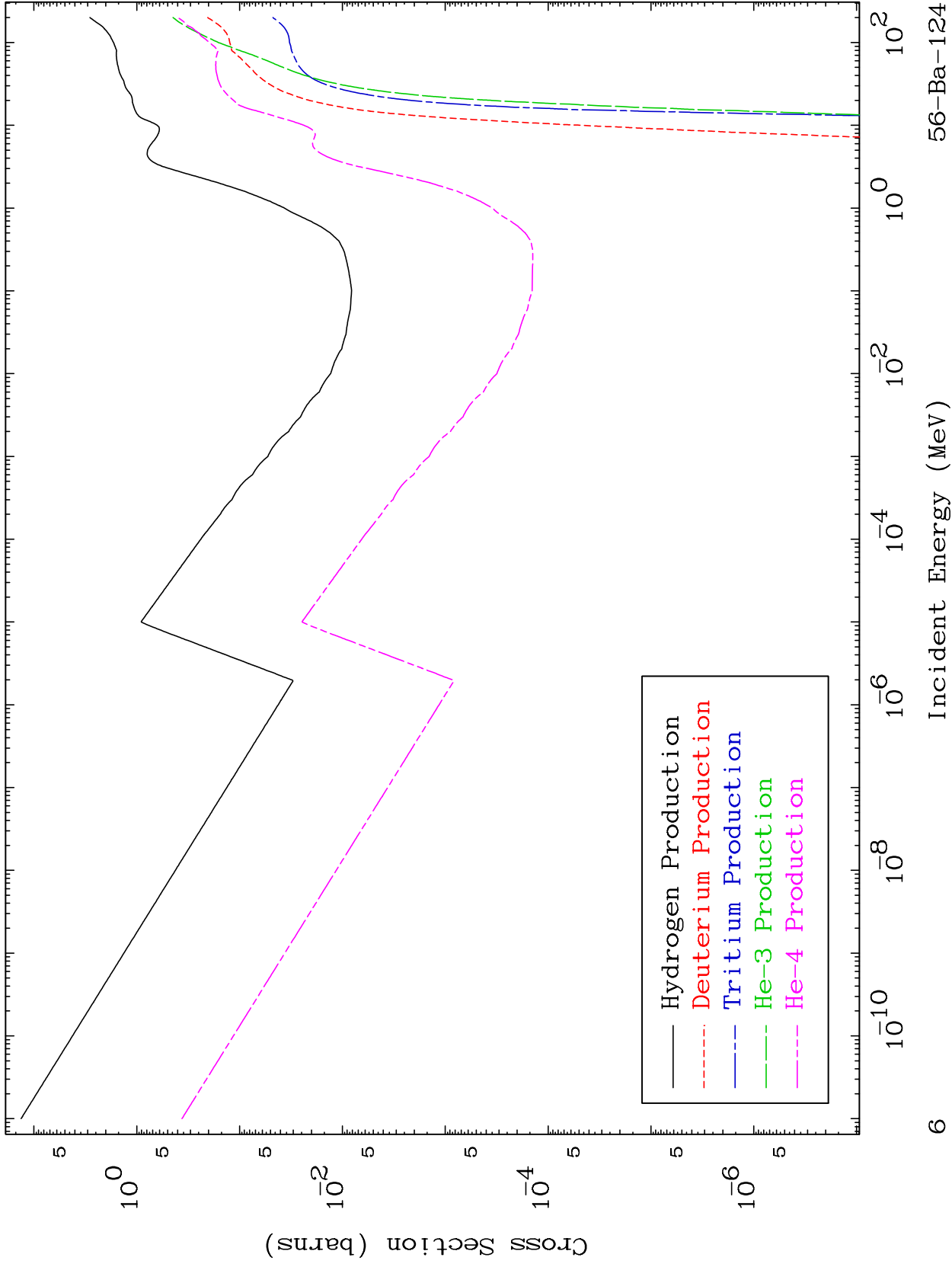
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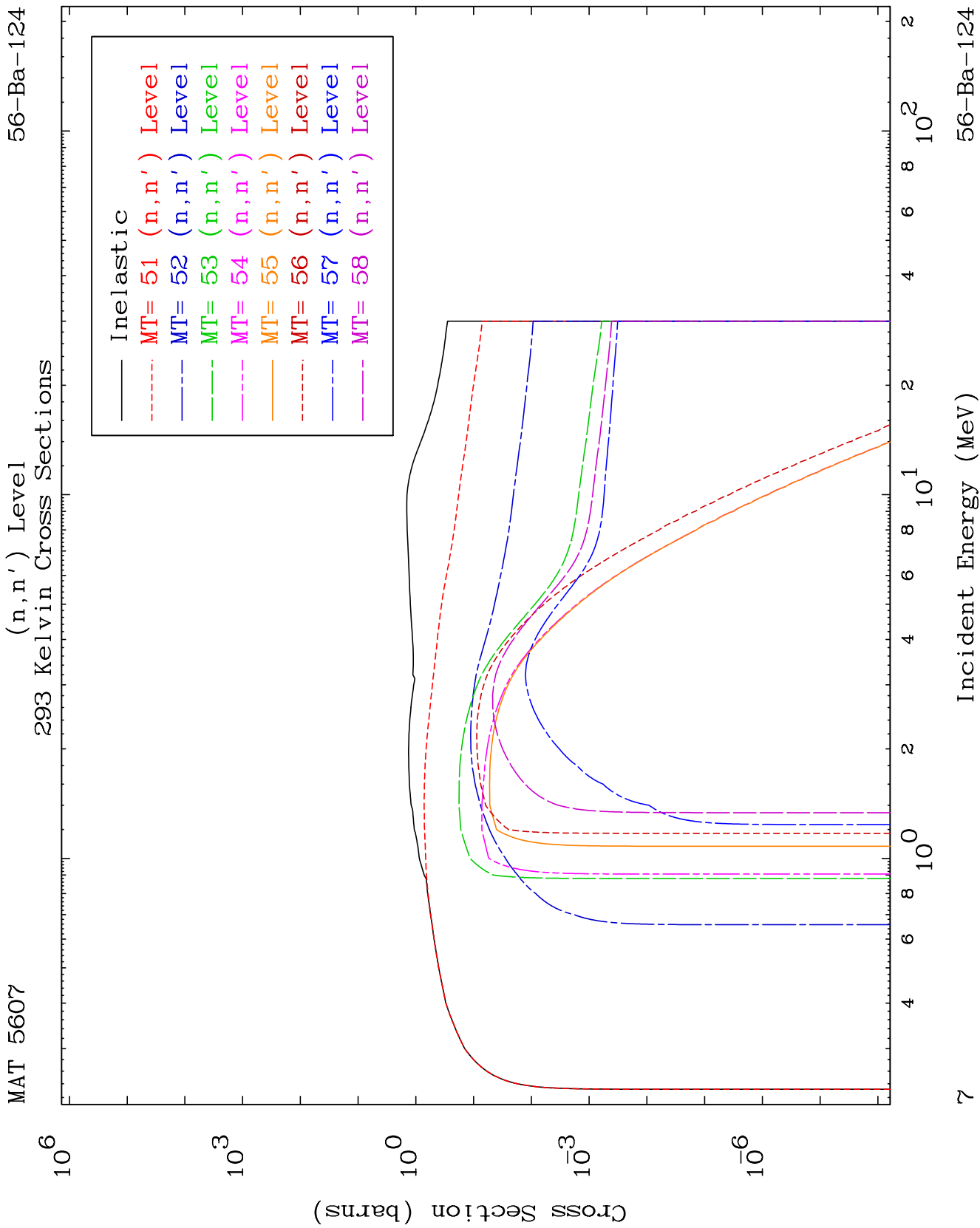
56-Ba-124

MAT 5607

Particle Production
293 Kelvin Cross Sections

56-Ba-124



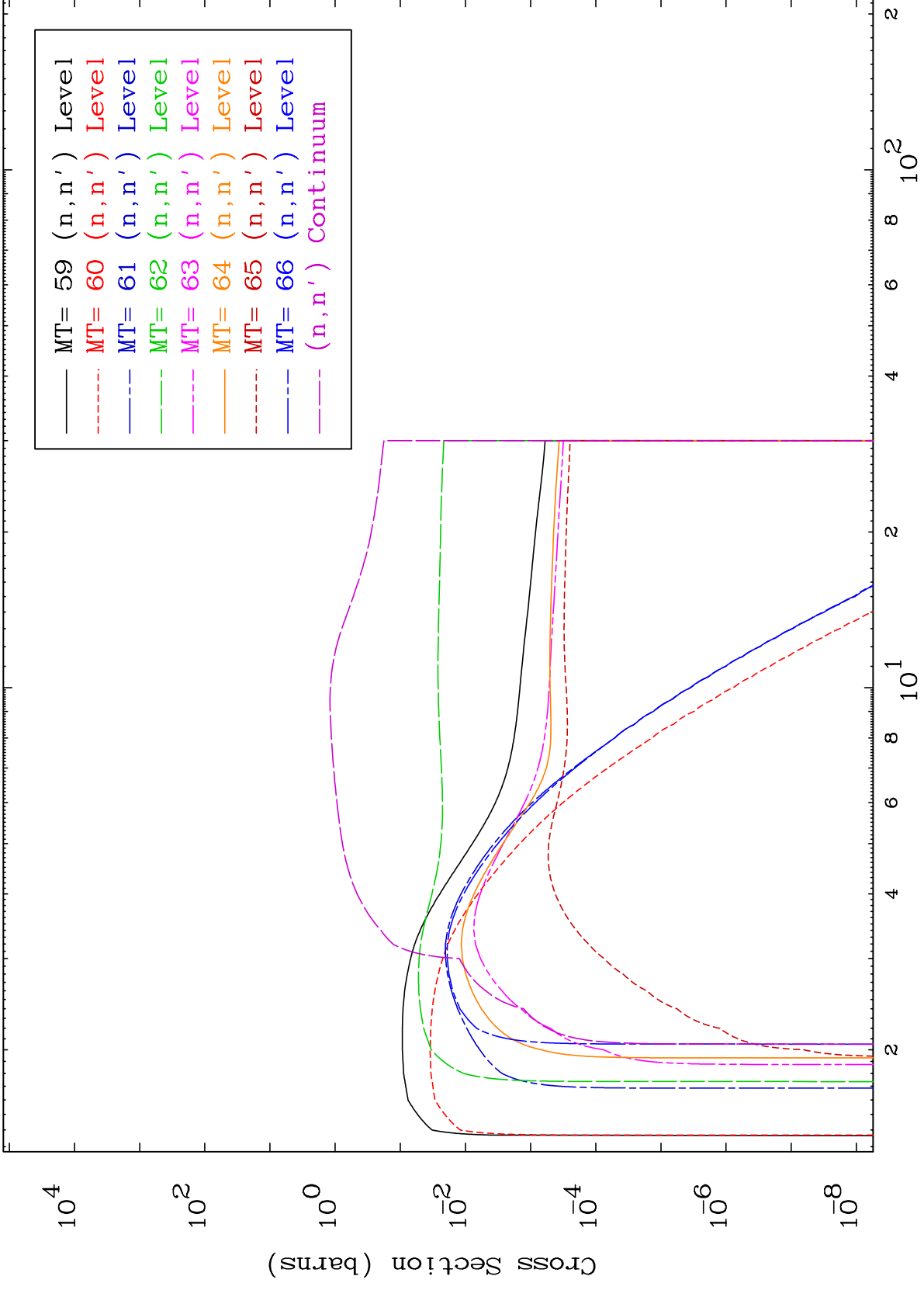


MAT 5607

(n,n') Level

56-Ba-124

293 Kelvin Cross Sections



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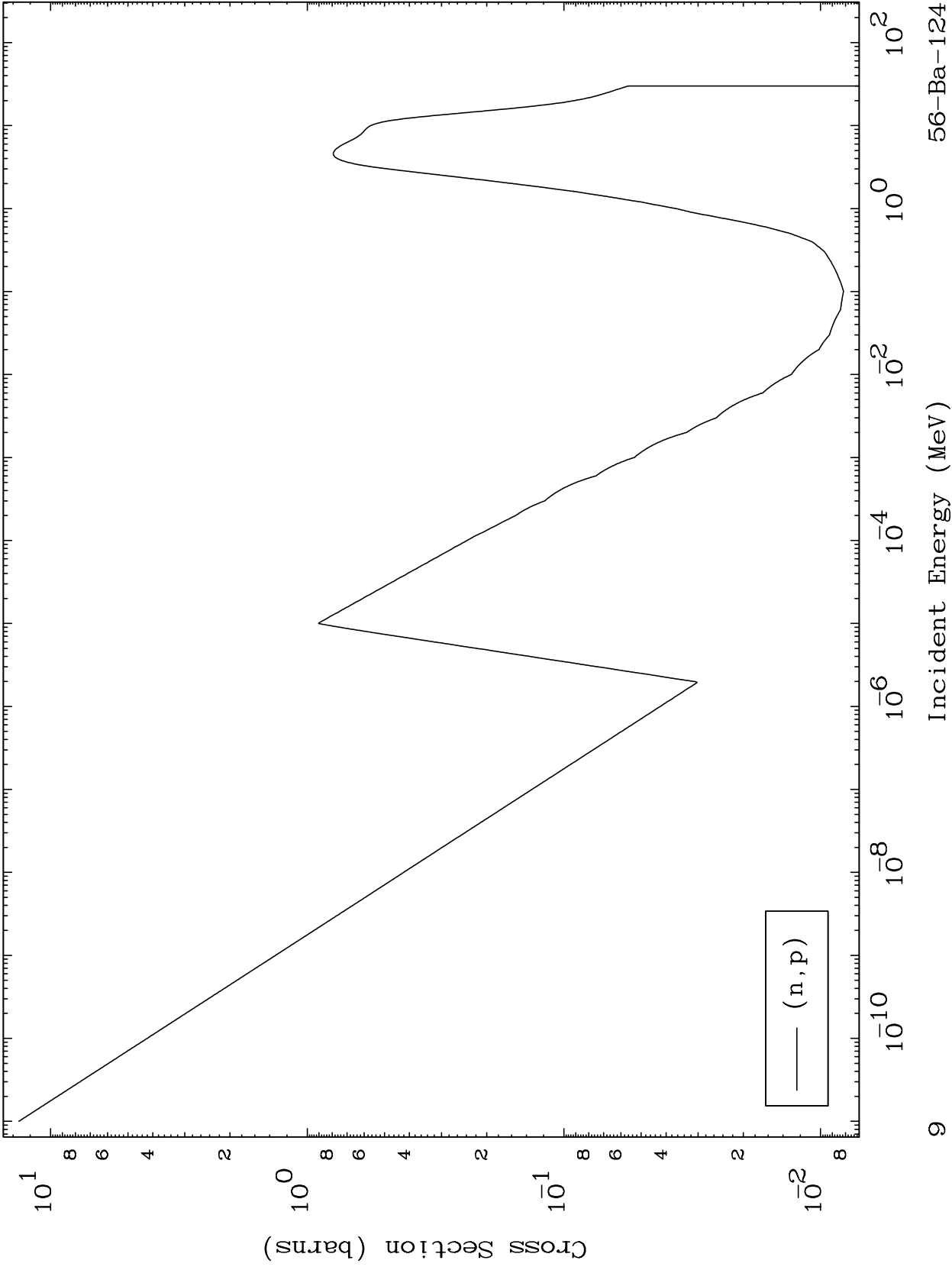
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,p) Levels
293 Kelvin Cross Sections

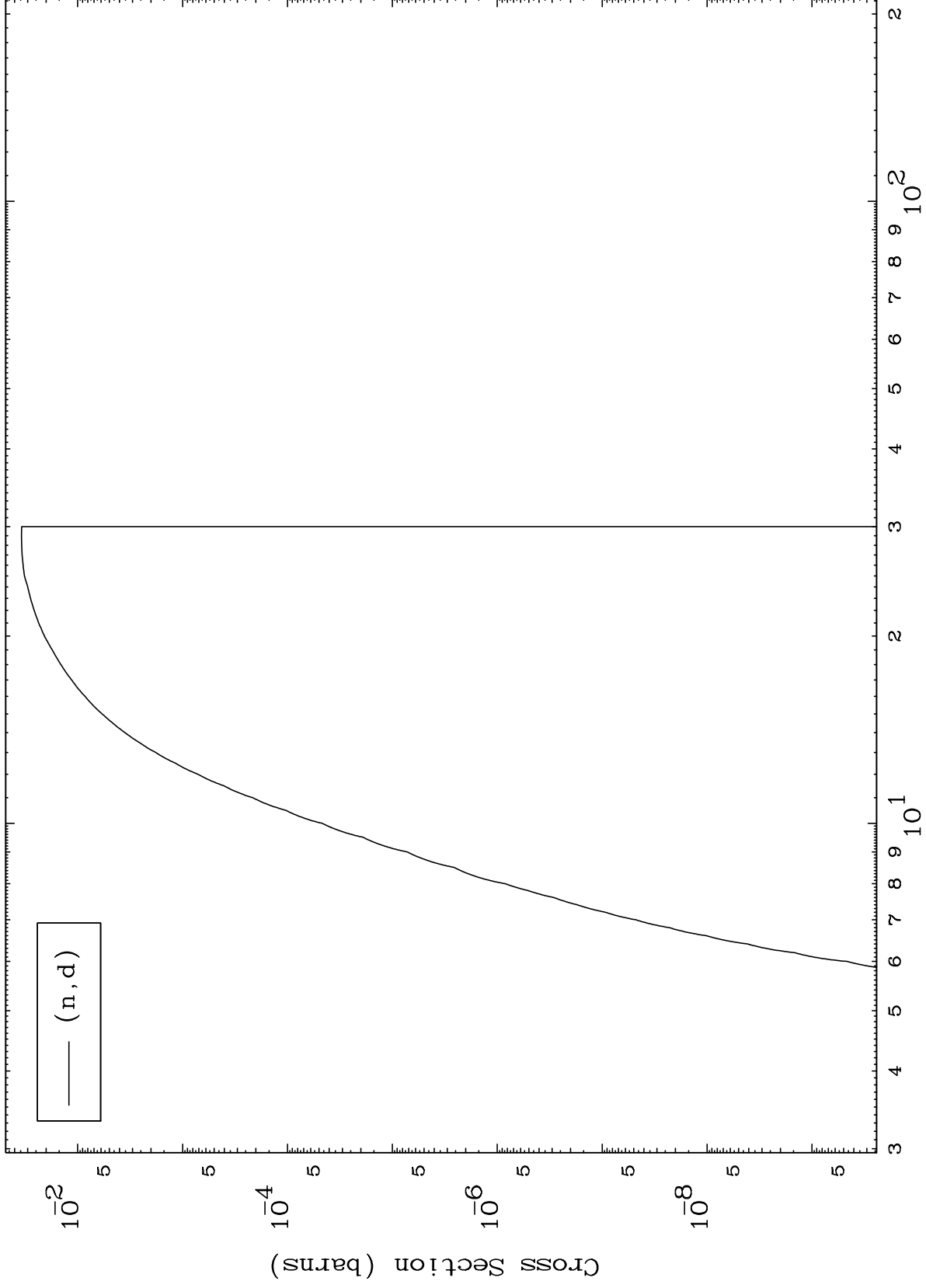
56-Ba-124



MAT 5607

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-124



10

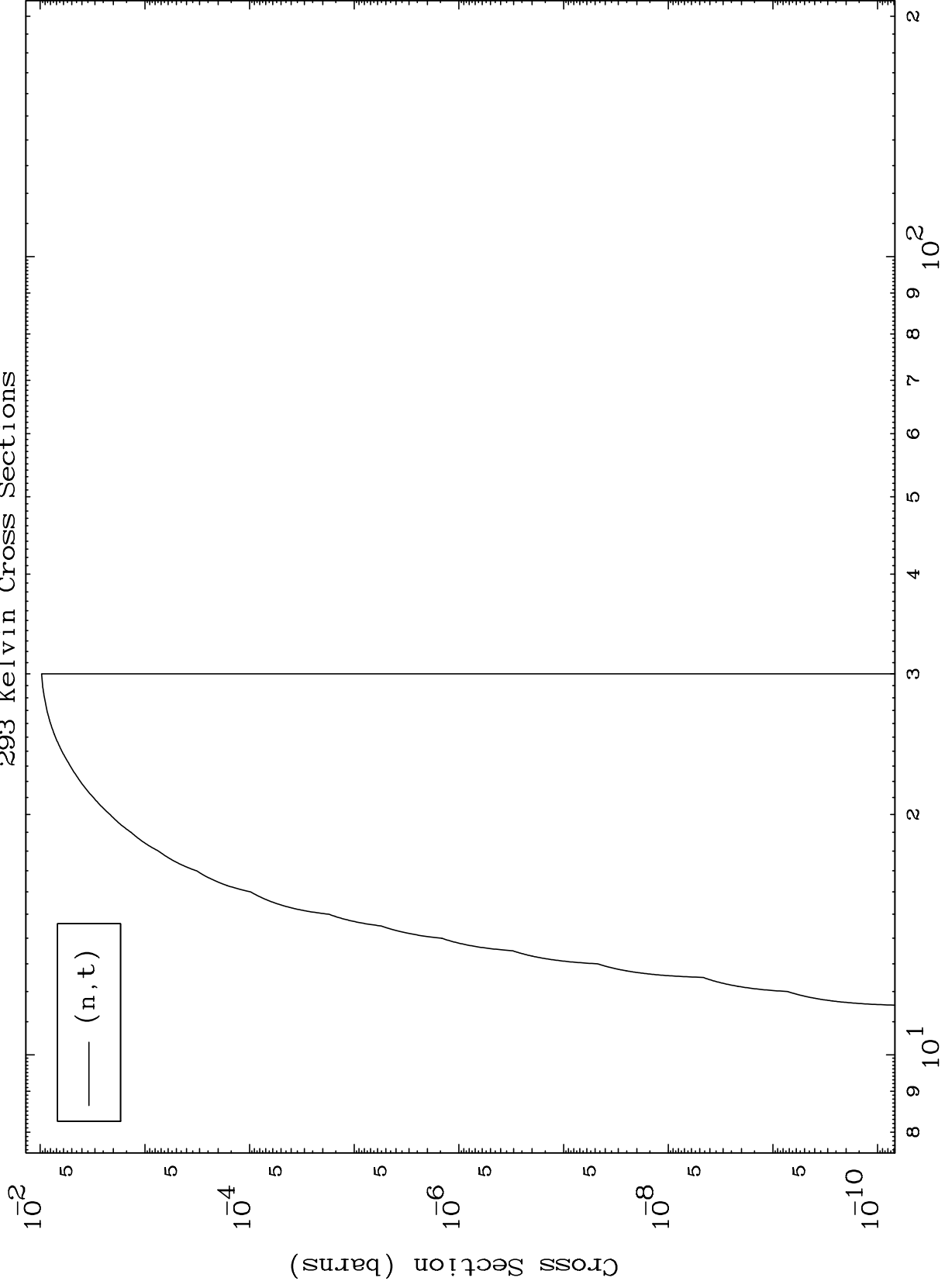
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-124



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Incident Energy (MeV)

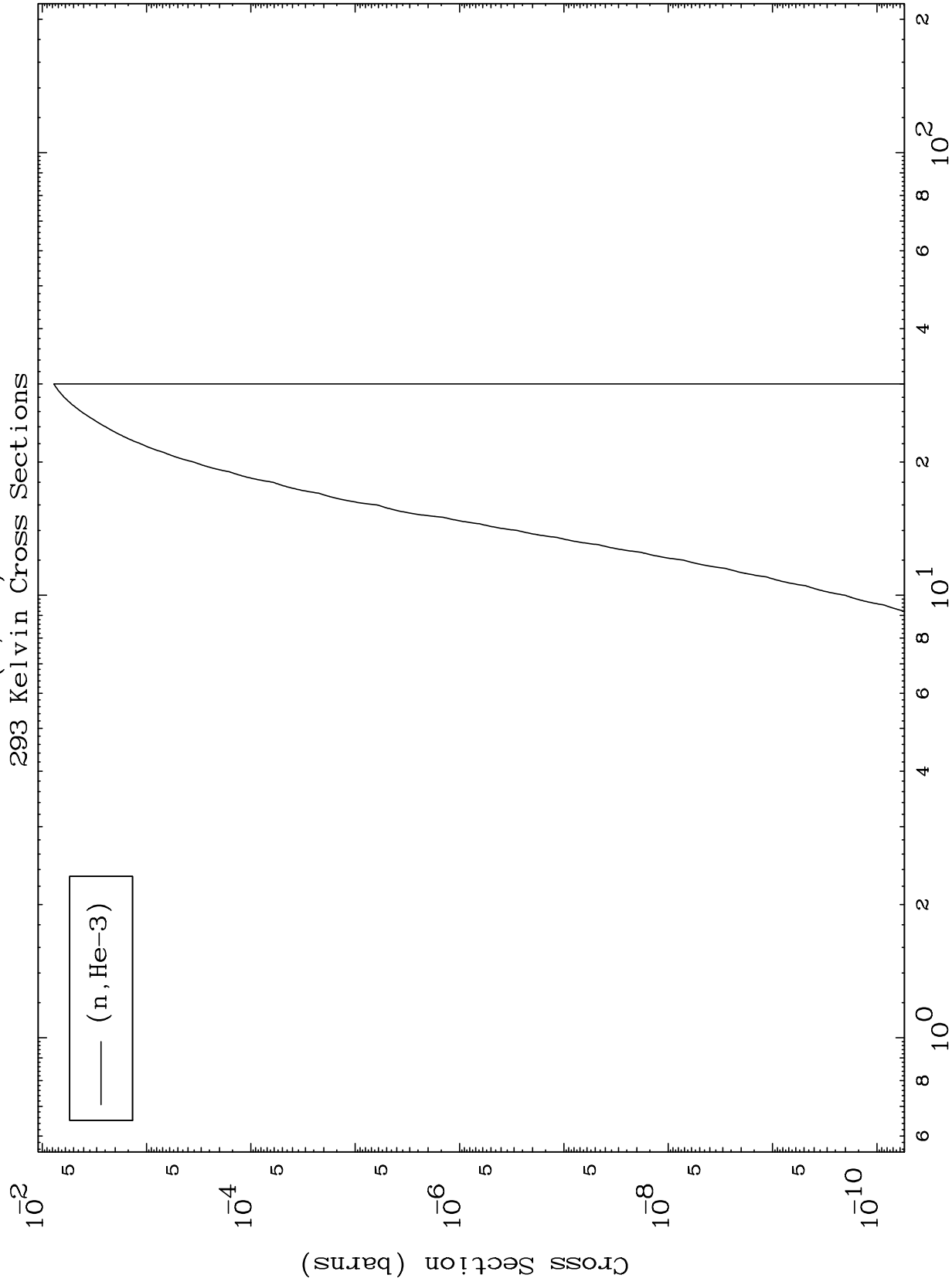
56-Ba-124

MAT 5607

(n,He3) Levels

56-Ba-124

293 Kelvin Cross Sections



12

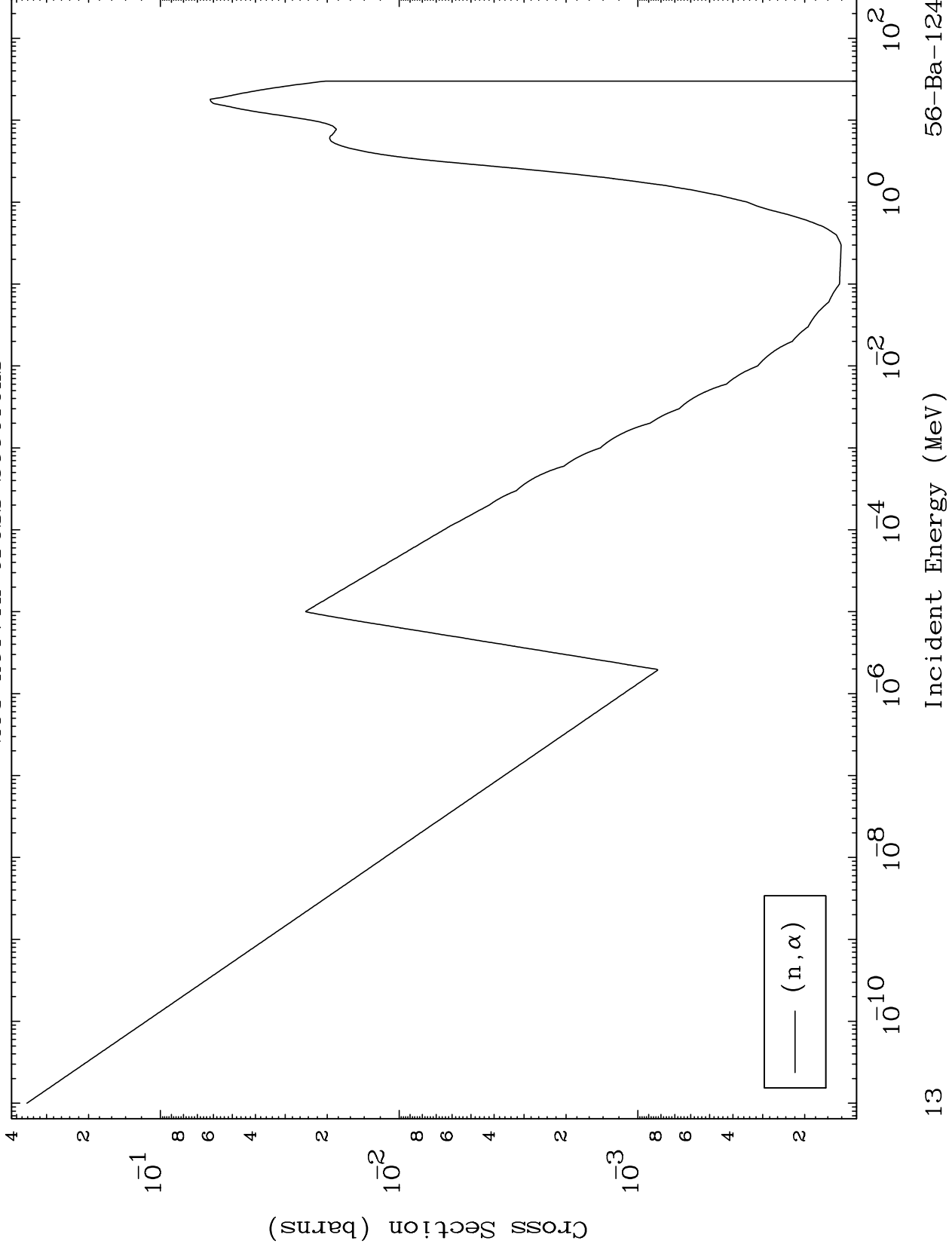
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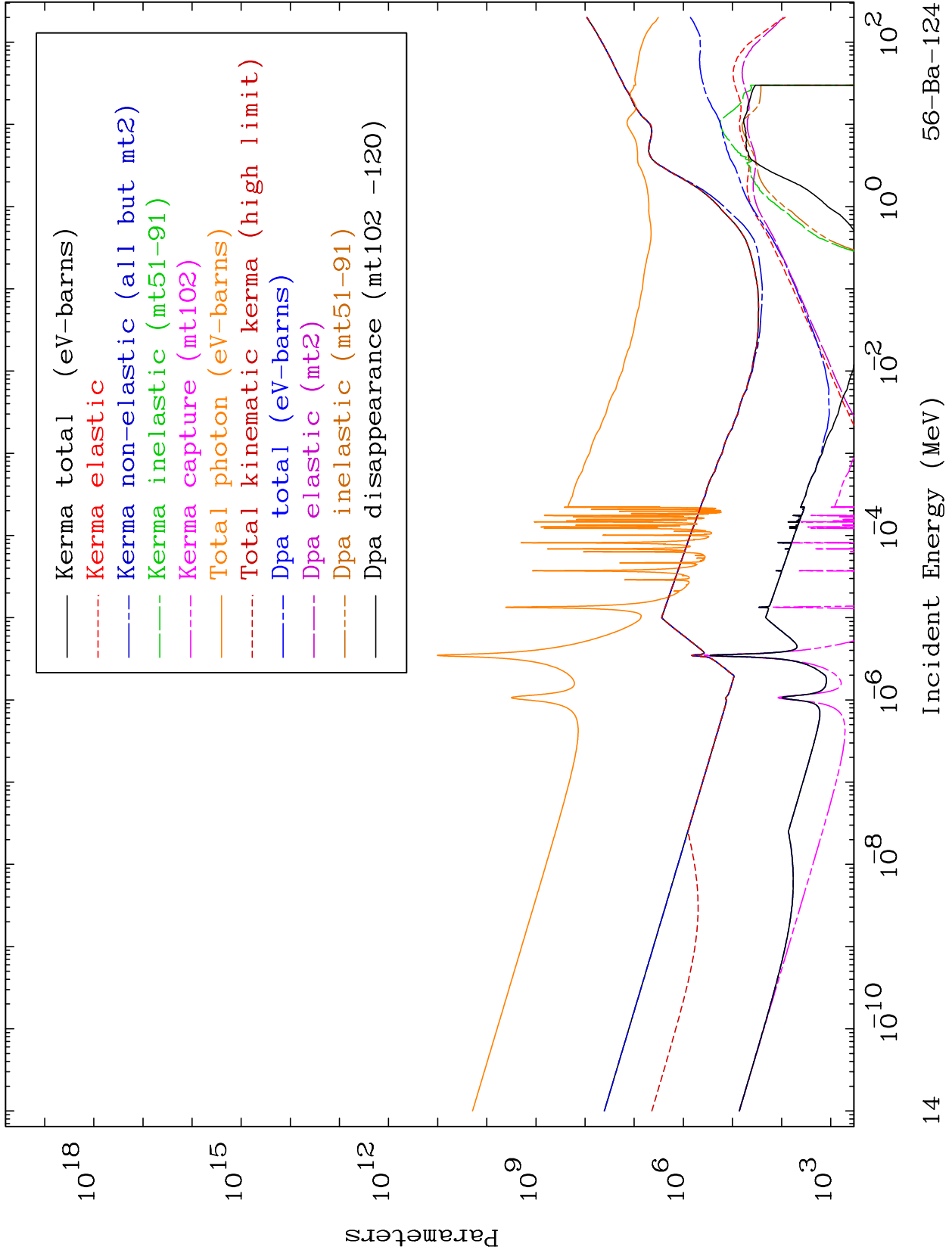
56-Ba-124

MAT 5607

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-124

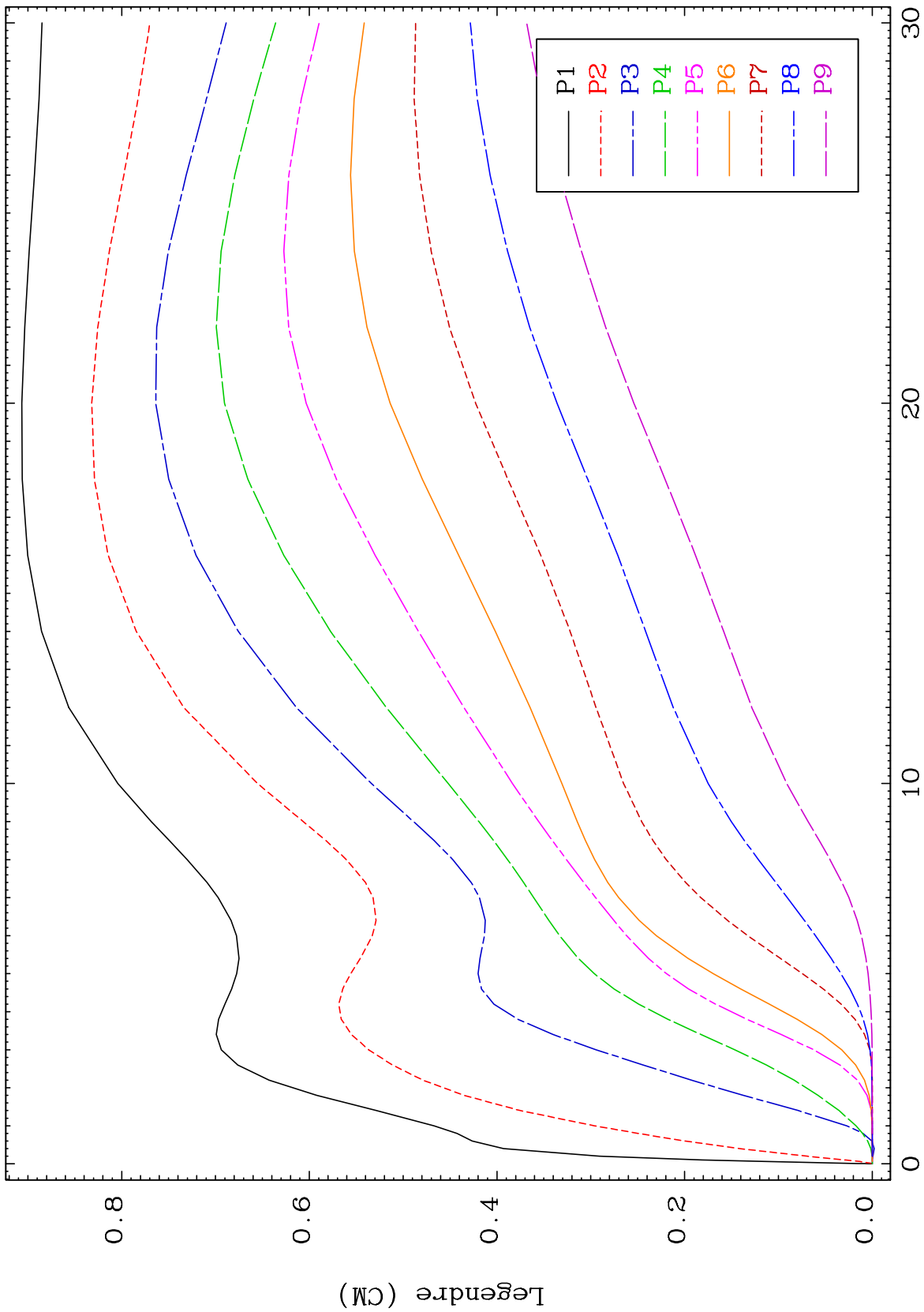




MAT 5607

Elastic Legendre Coefficients

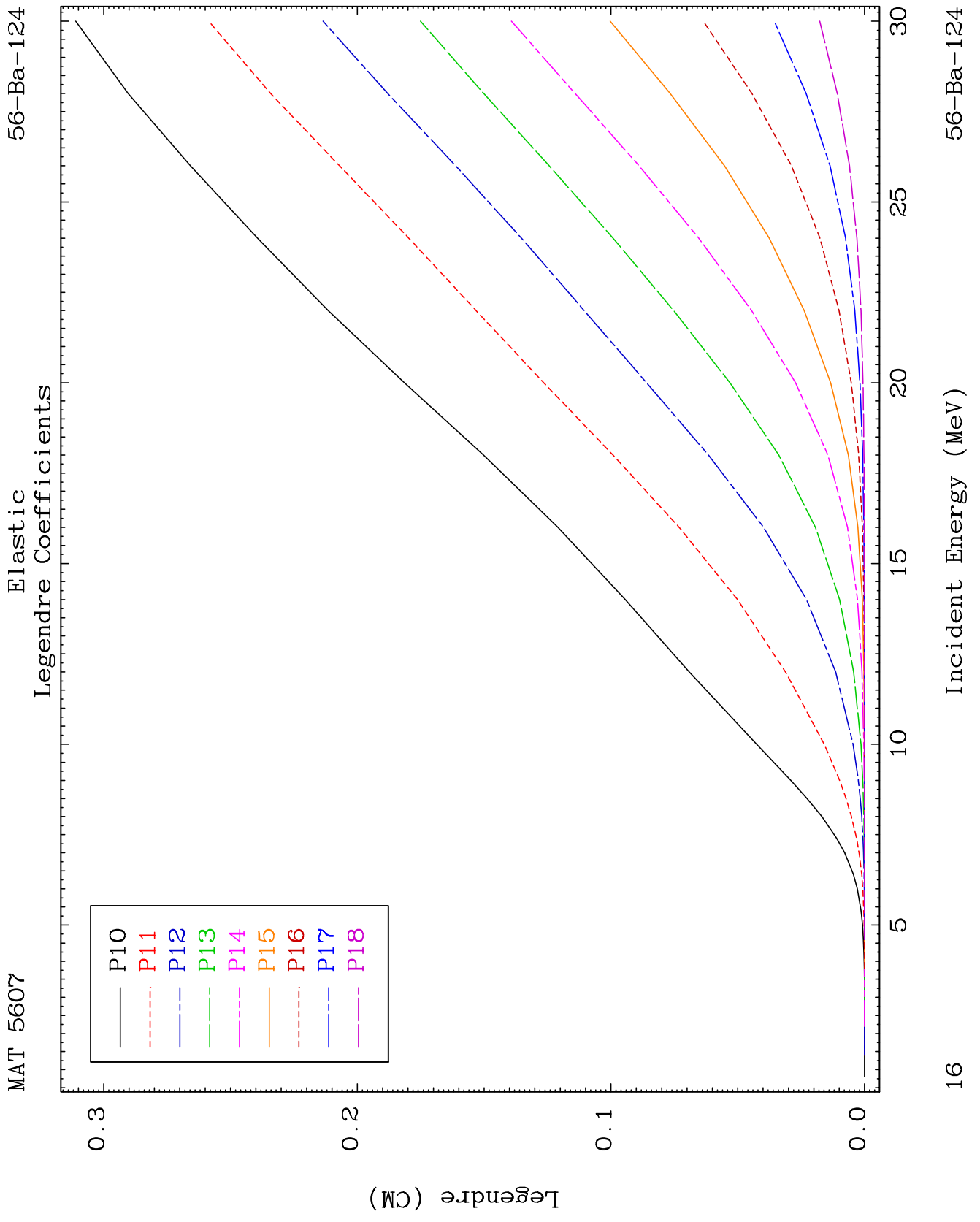
56-Ba-124

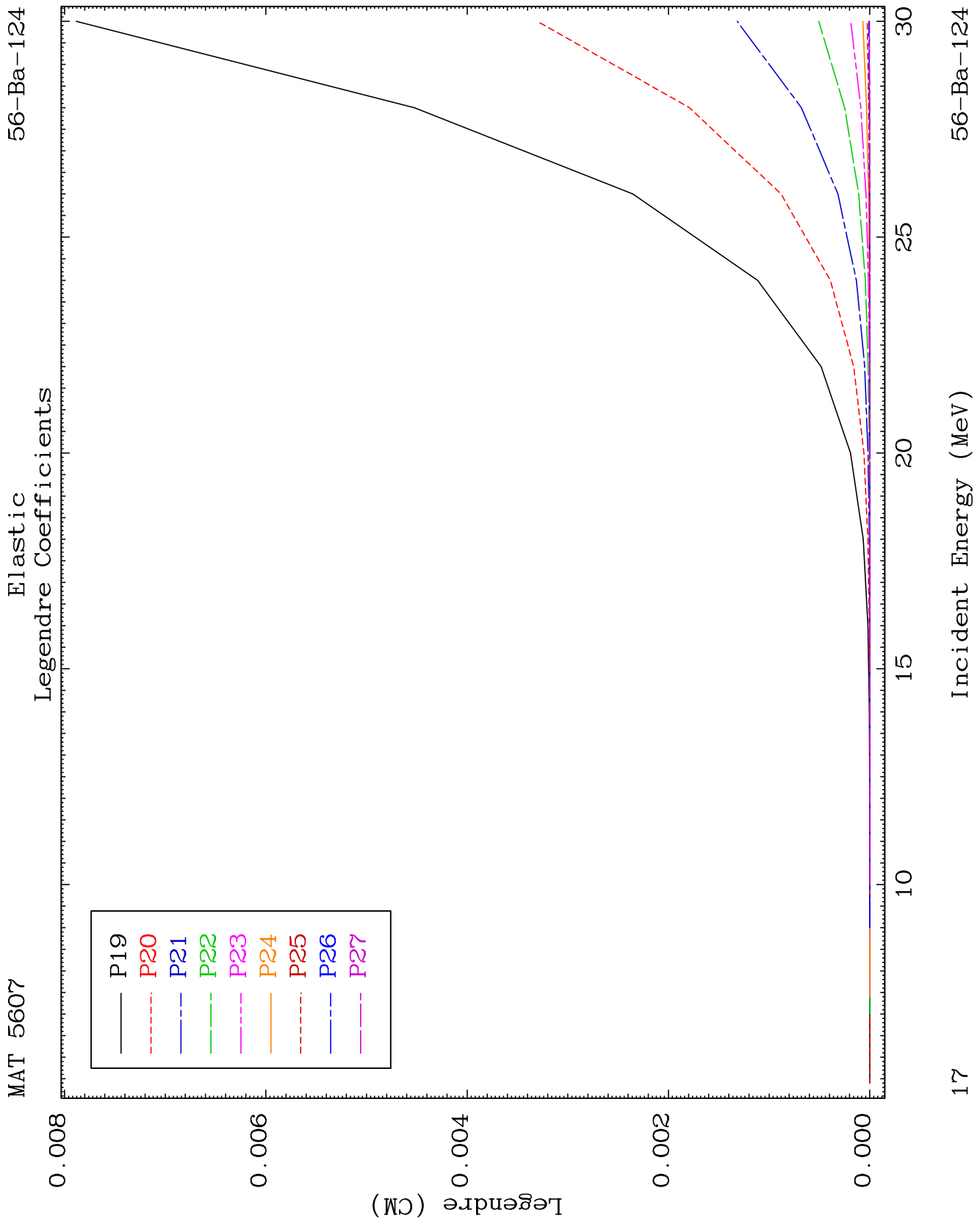


56-Ba-124

Incident Energy (MeV)

15

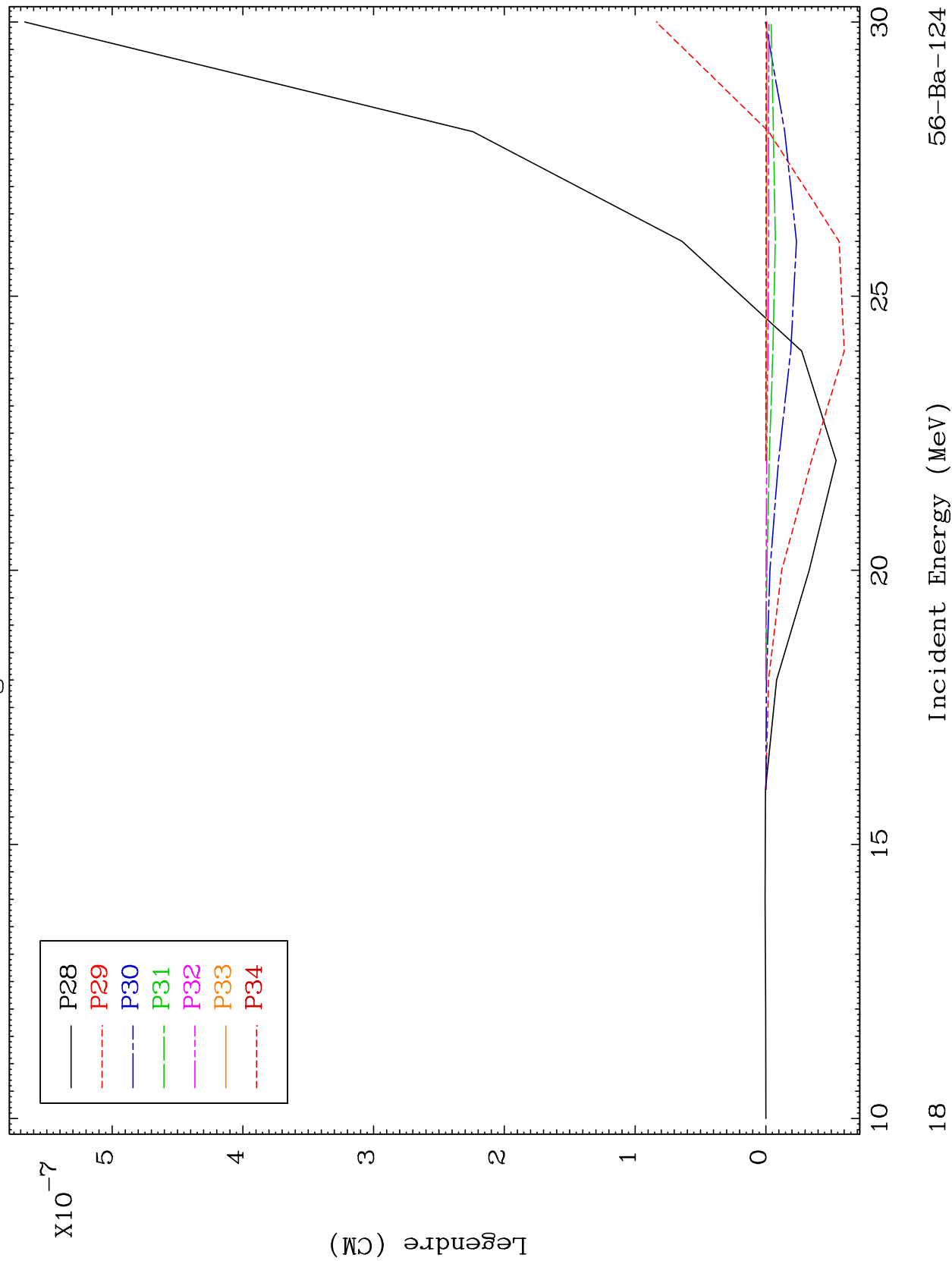




MAT 5607

Elastic Legendre Coefficients

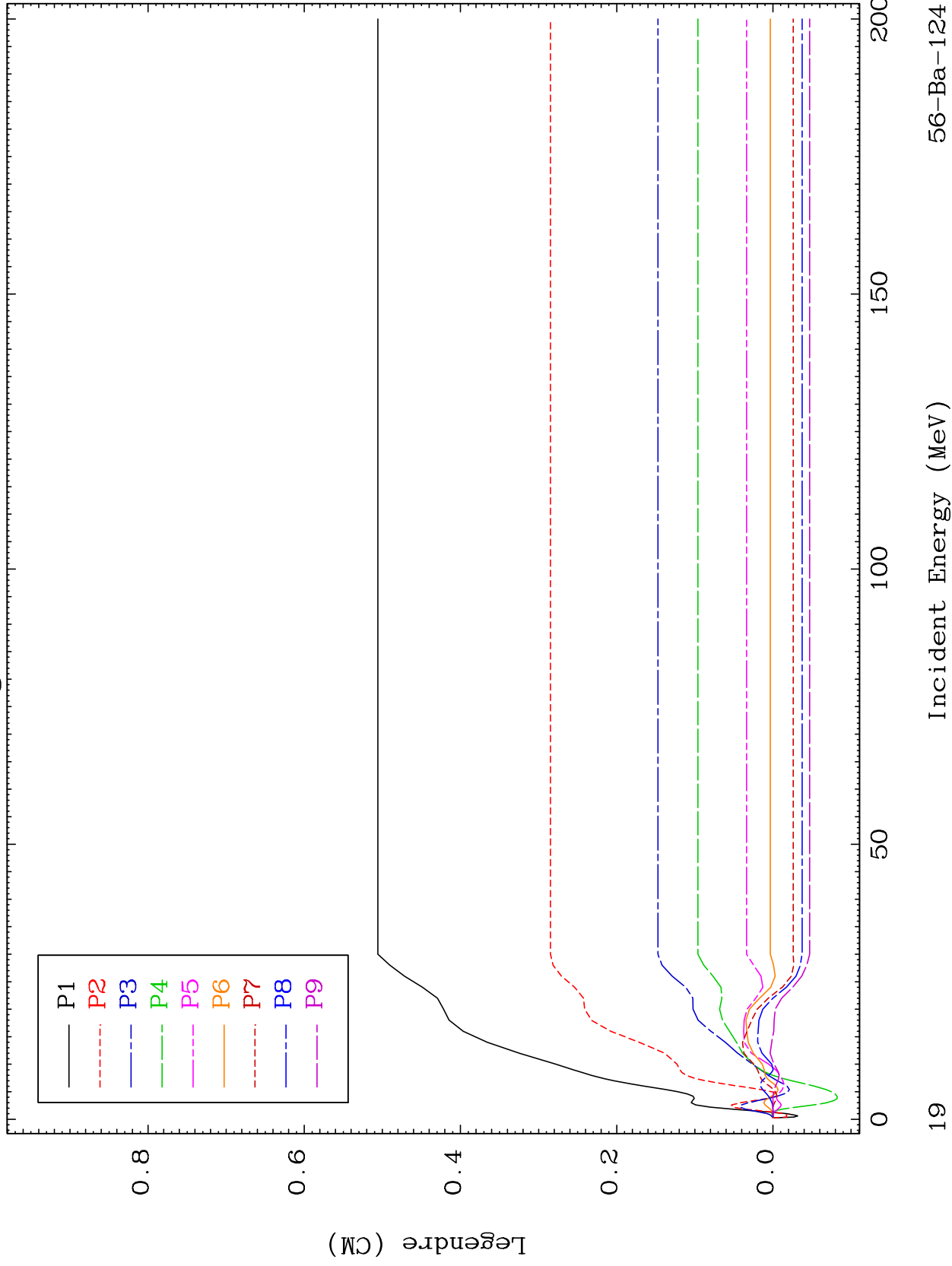
56-Ba-124



MAT 5607

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

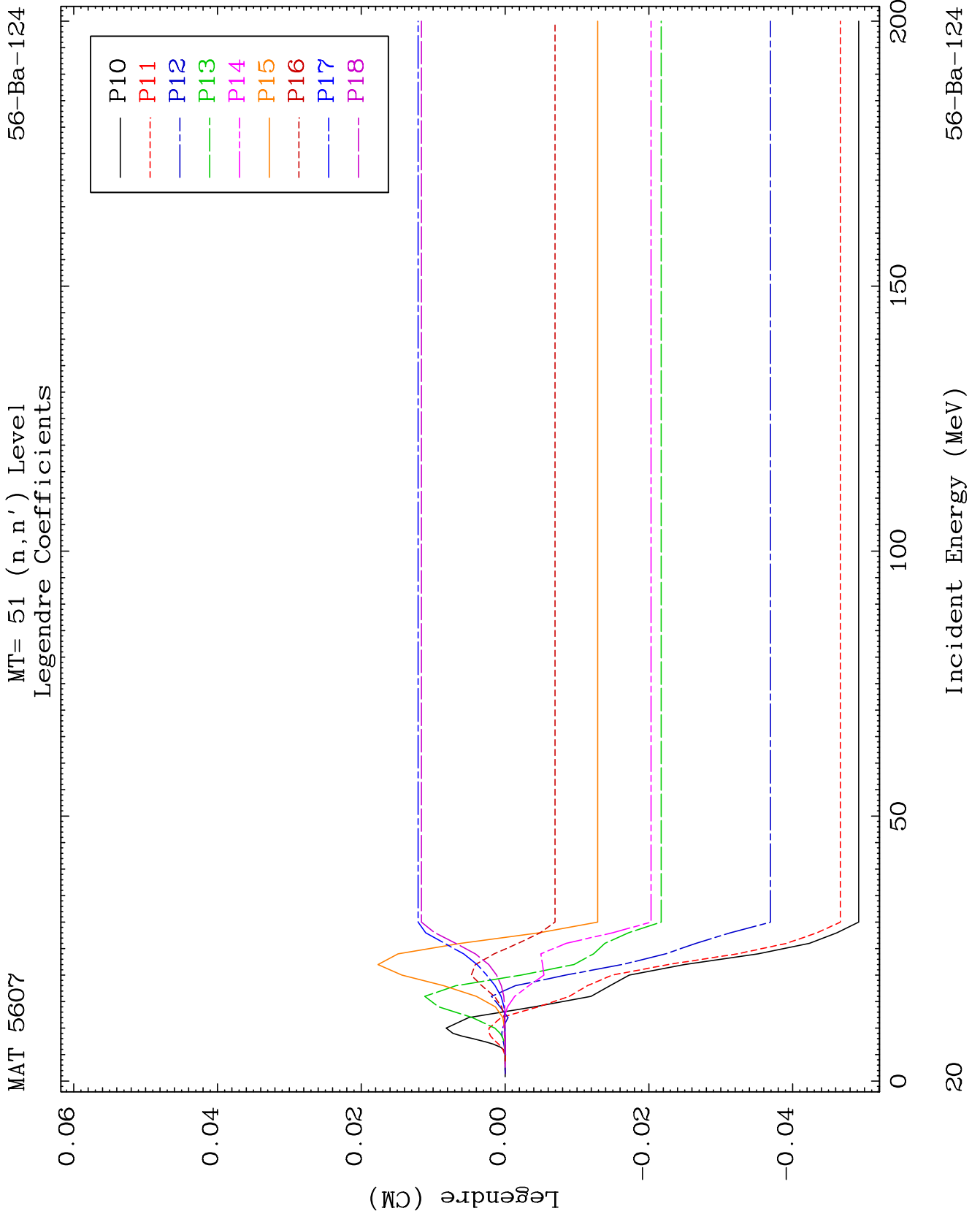
56-Ba-124



56-Ba-124

Incident Energy (MeV)

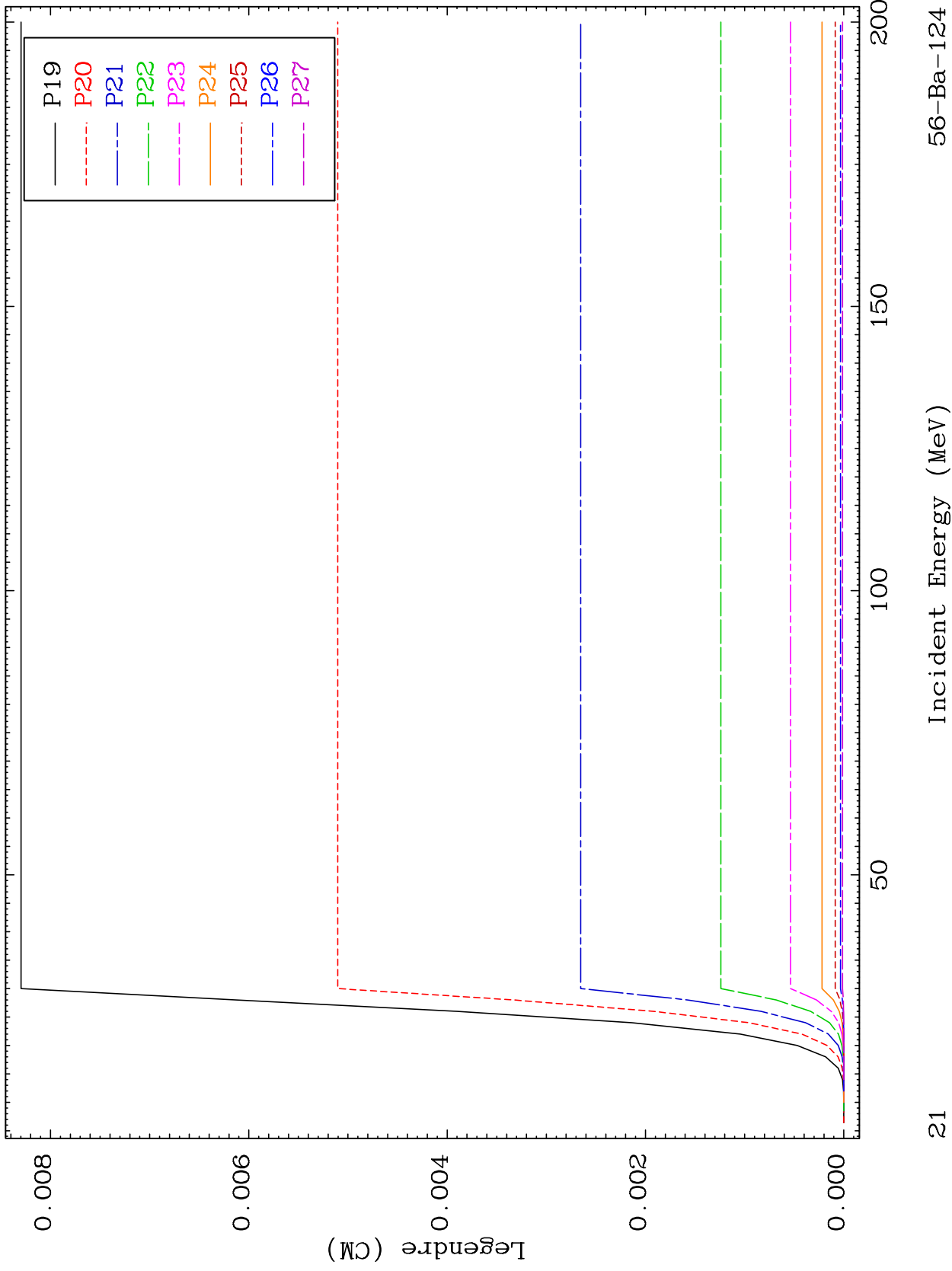
19



MAT 5607

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

56-Ba-124



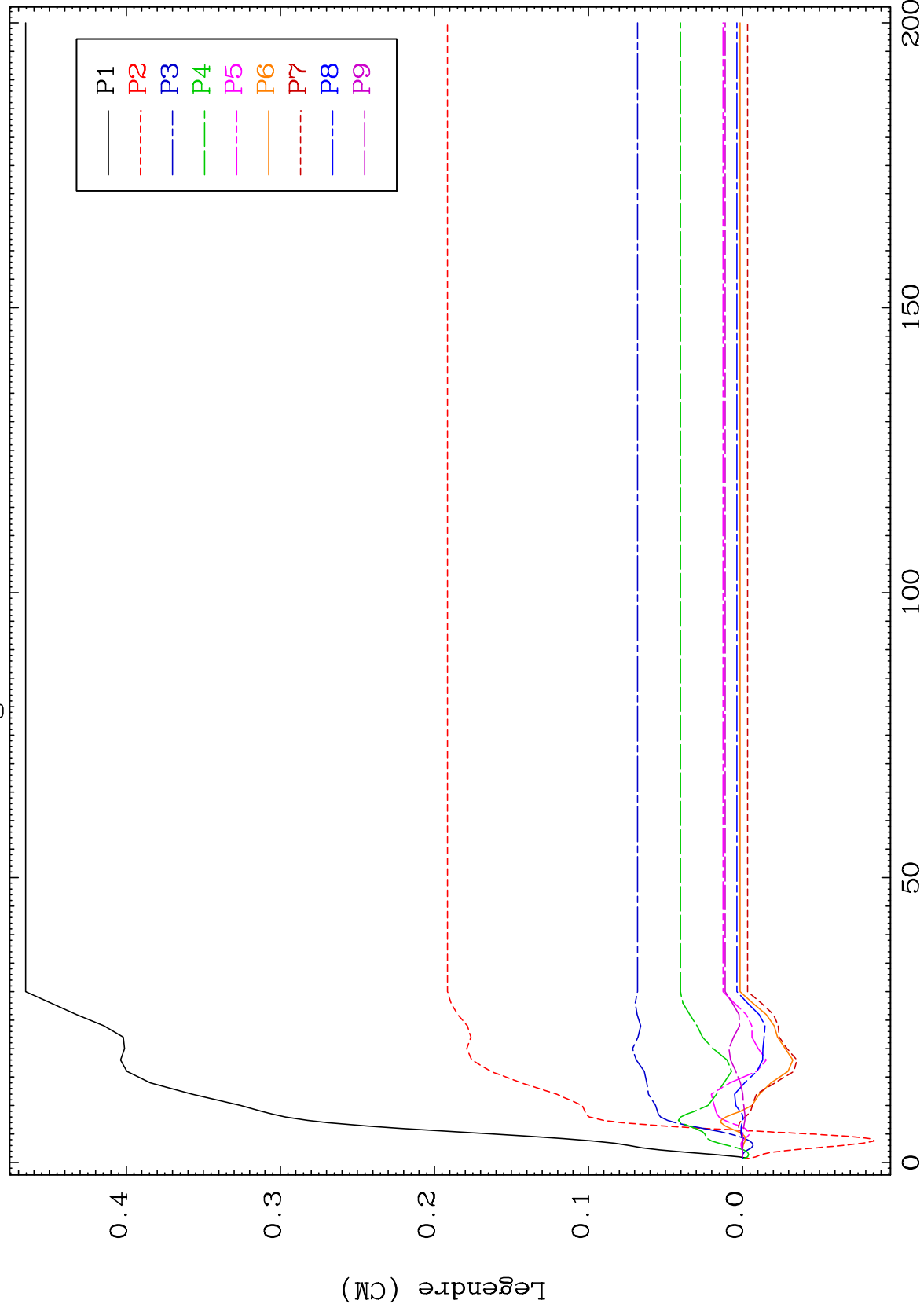
21

56-Ba-124

MAT 5607

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

56-Ba-124



23

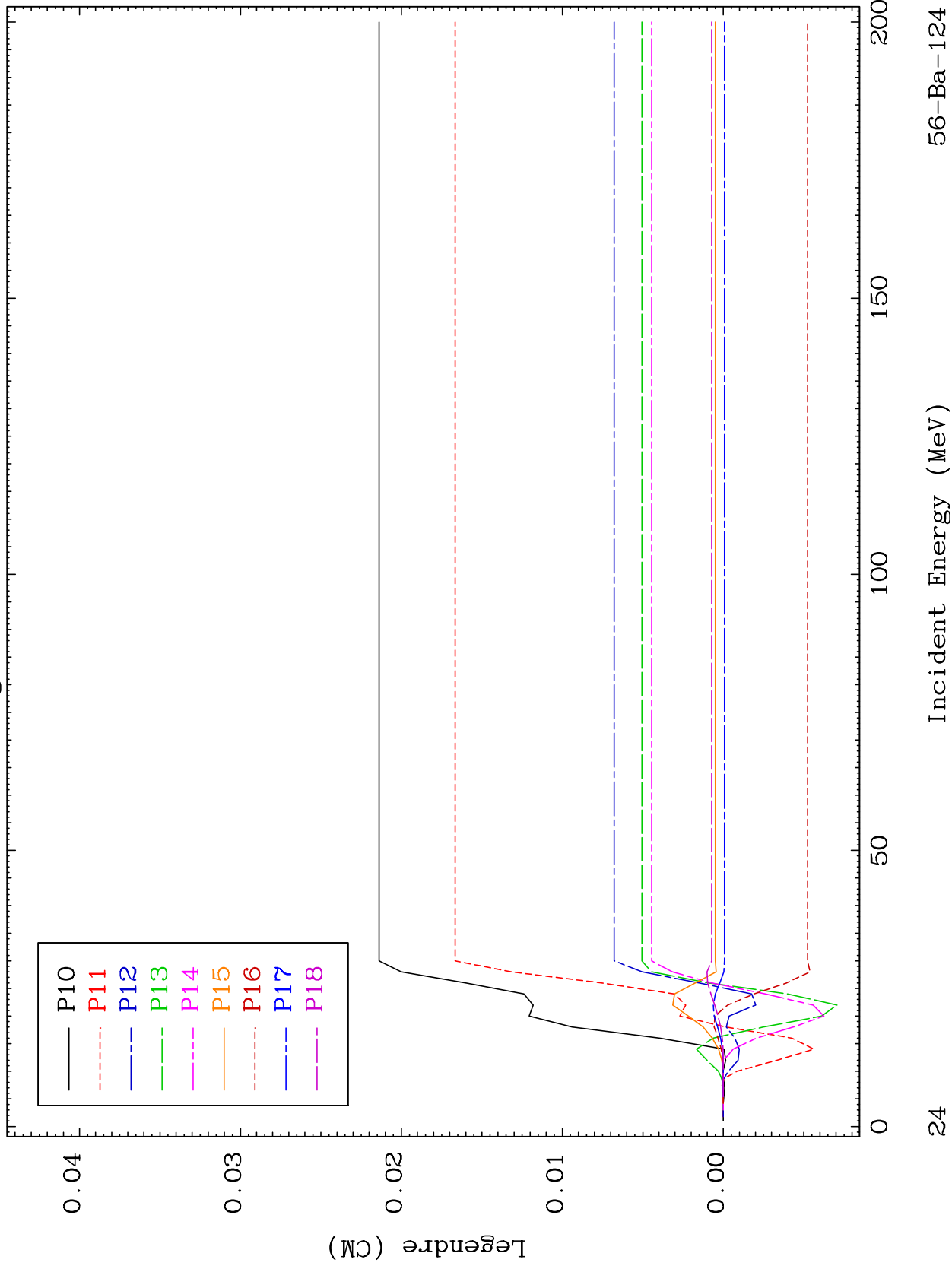
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



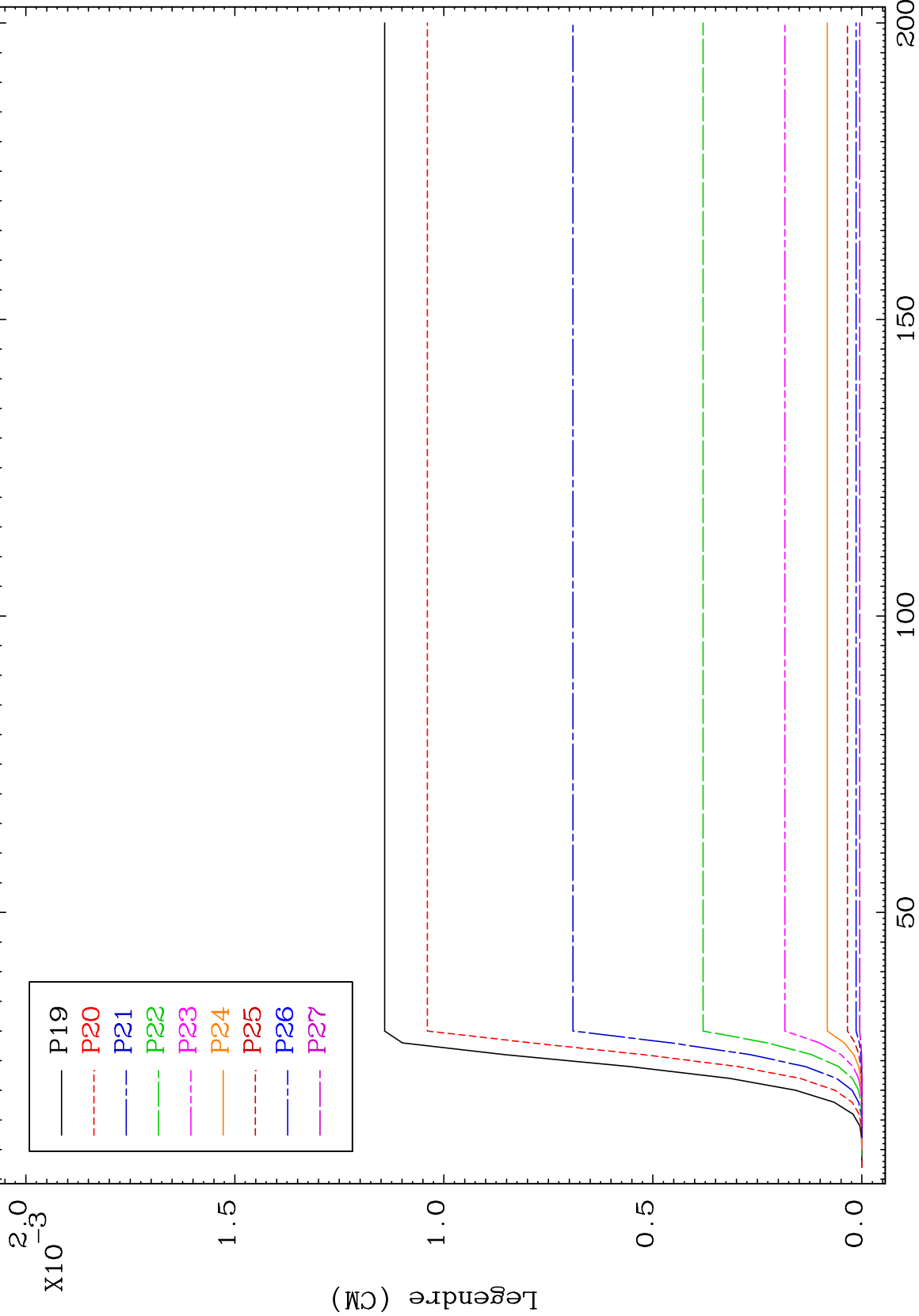
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56-Ba-124

MAT 5607

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

56-Ba-124



25

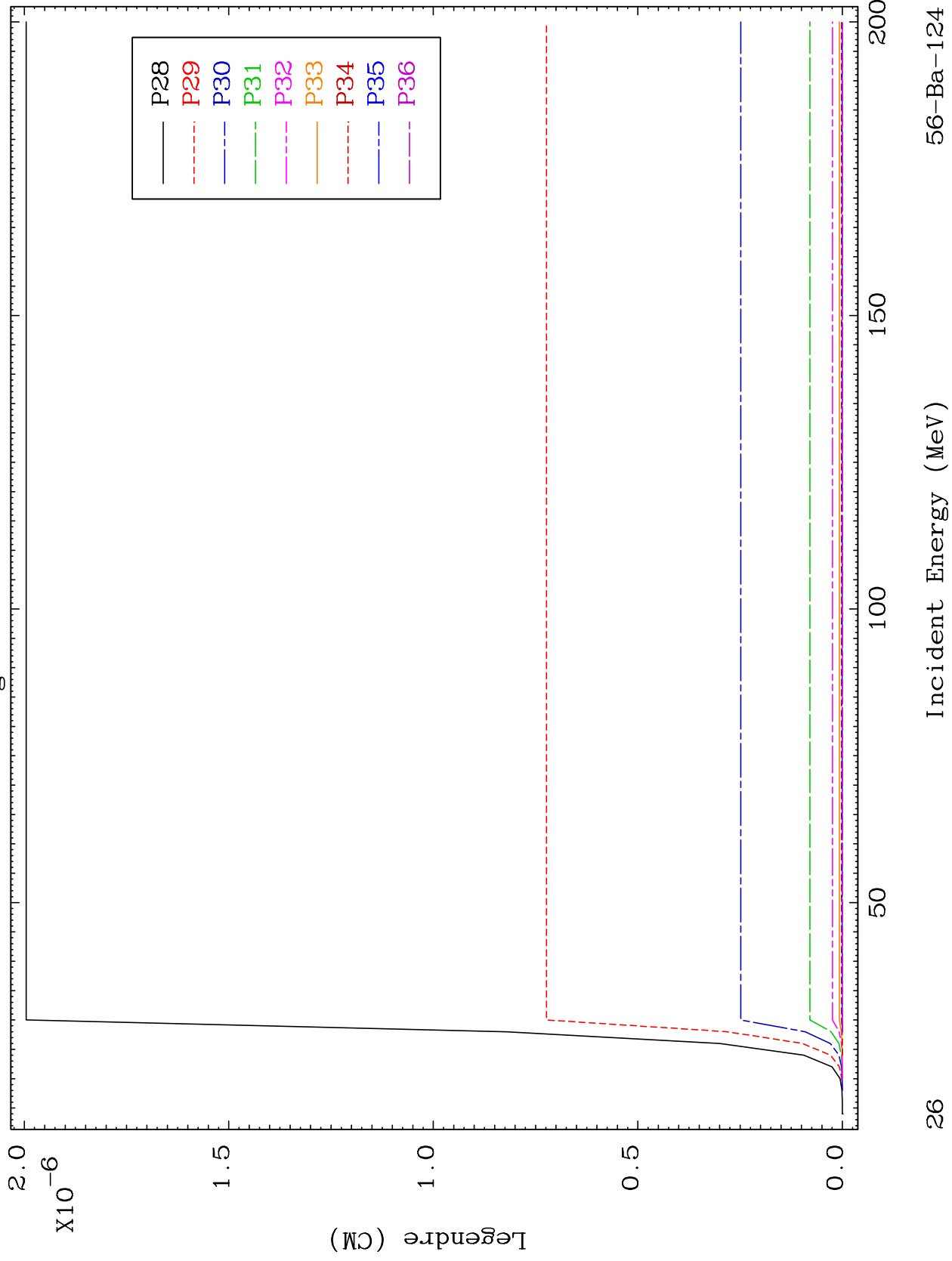
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



26

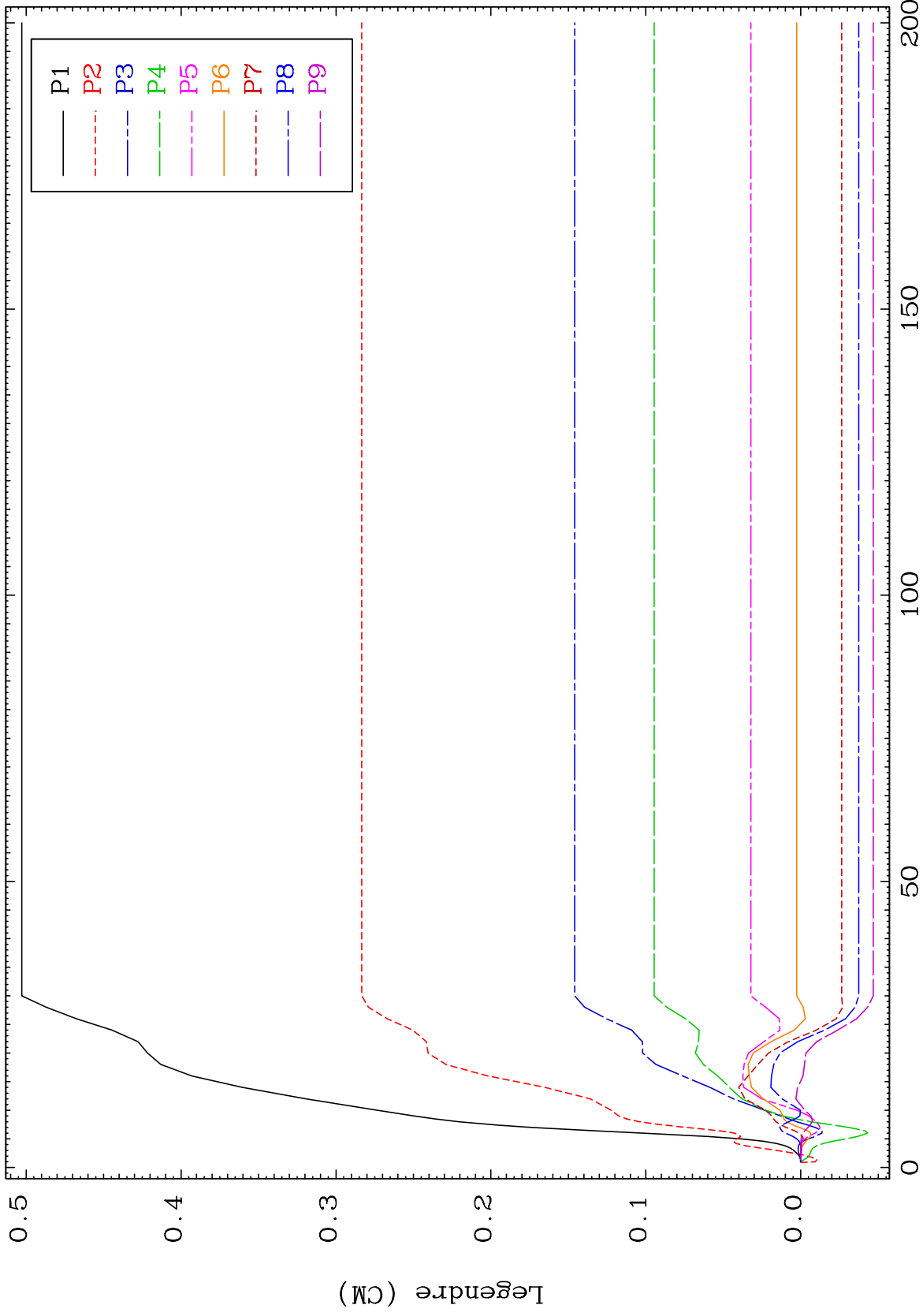
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



27

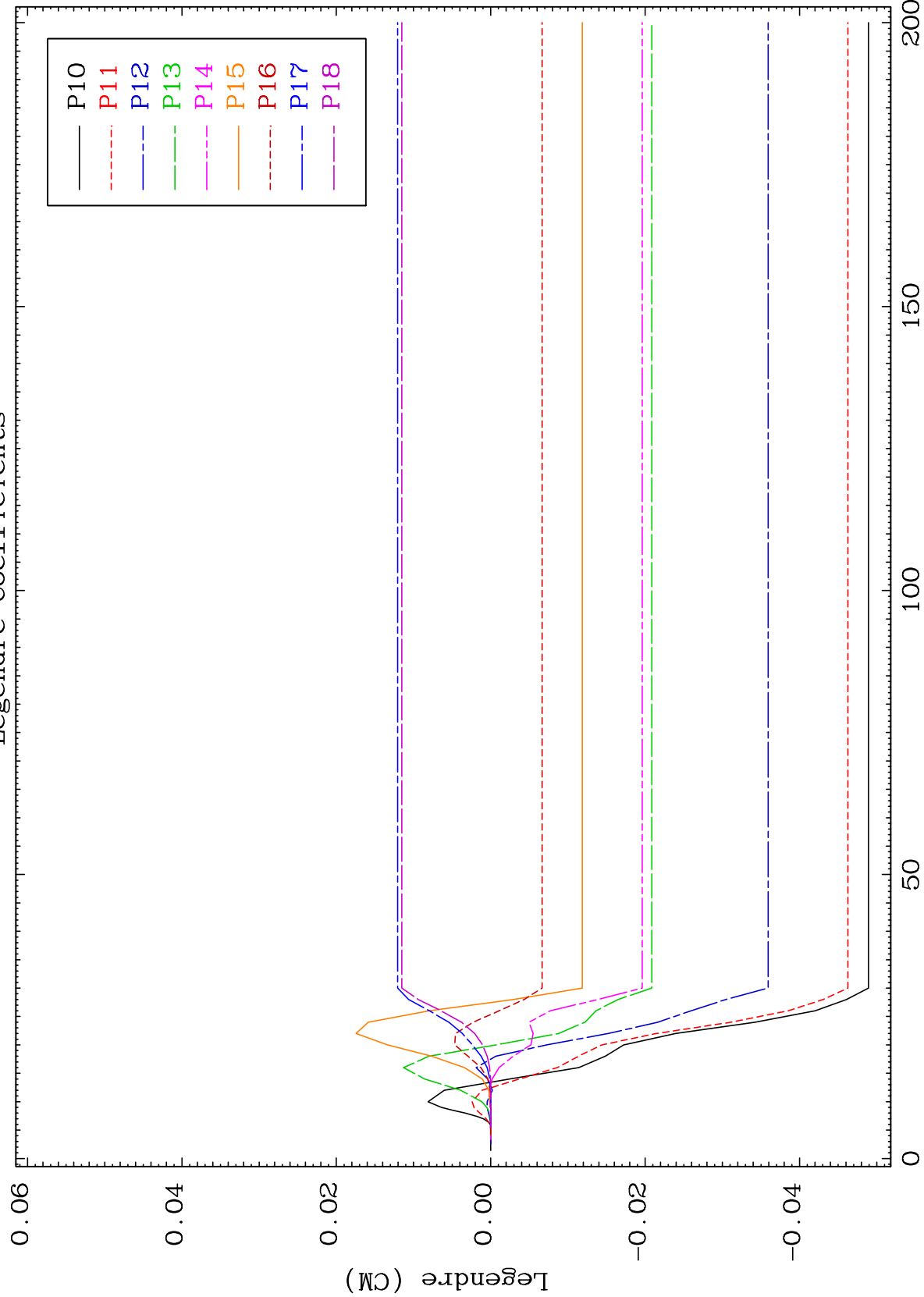
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

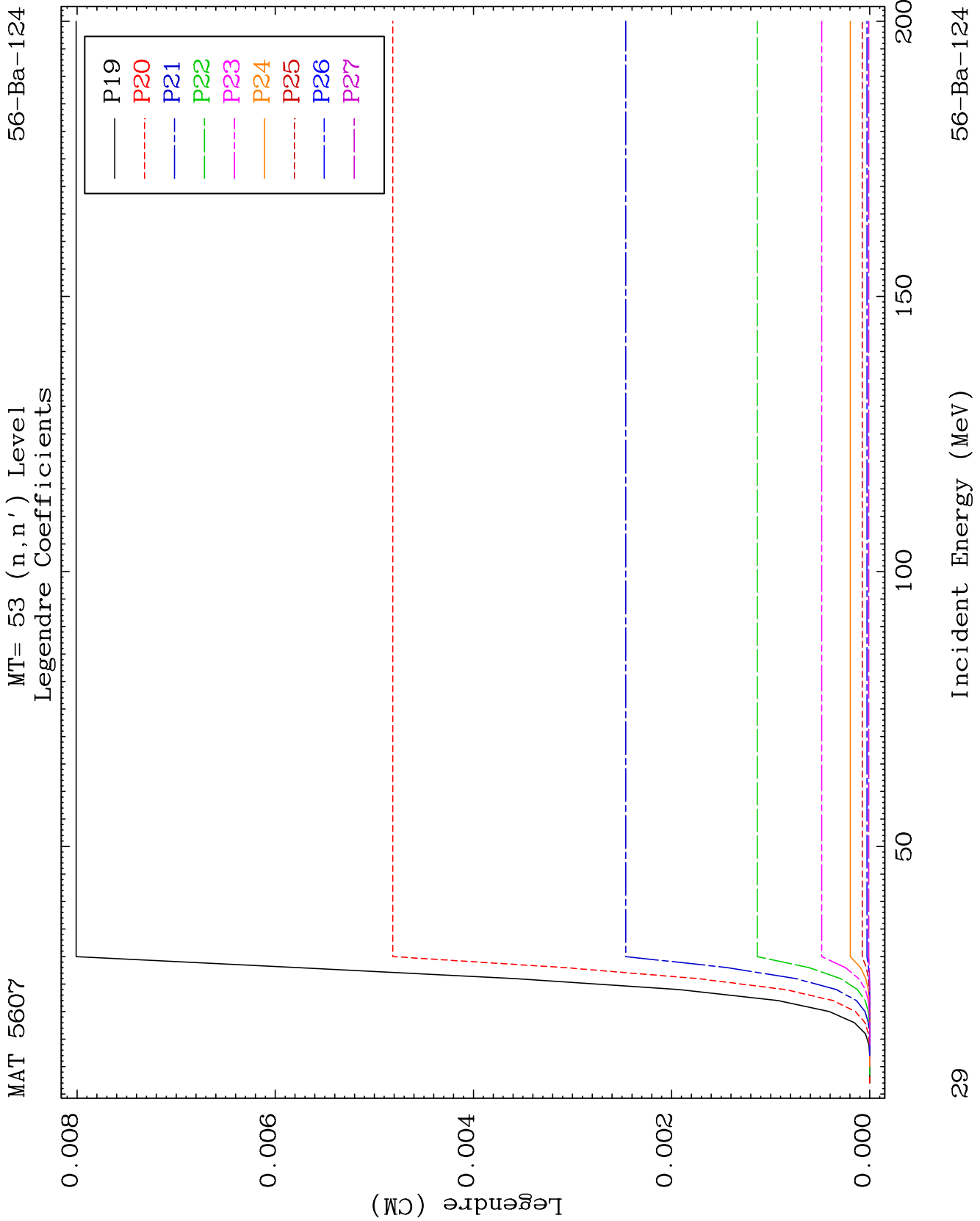
56-Ba-124



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Incident Energy (MeV)

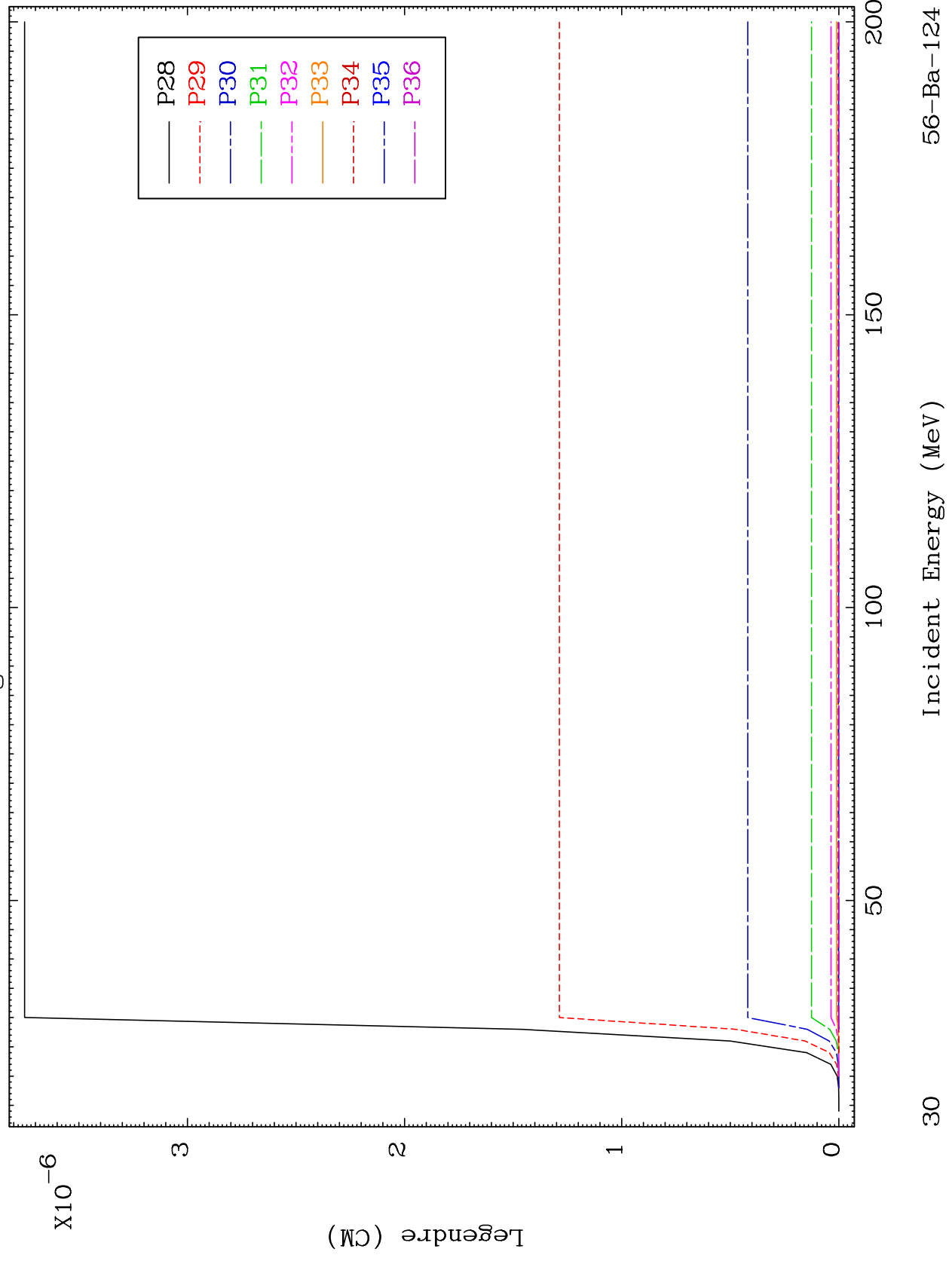
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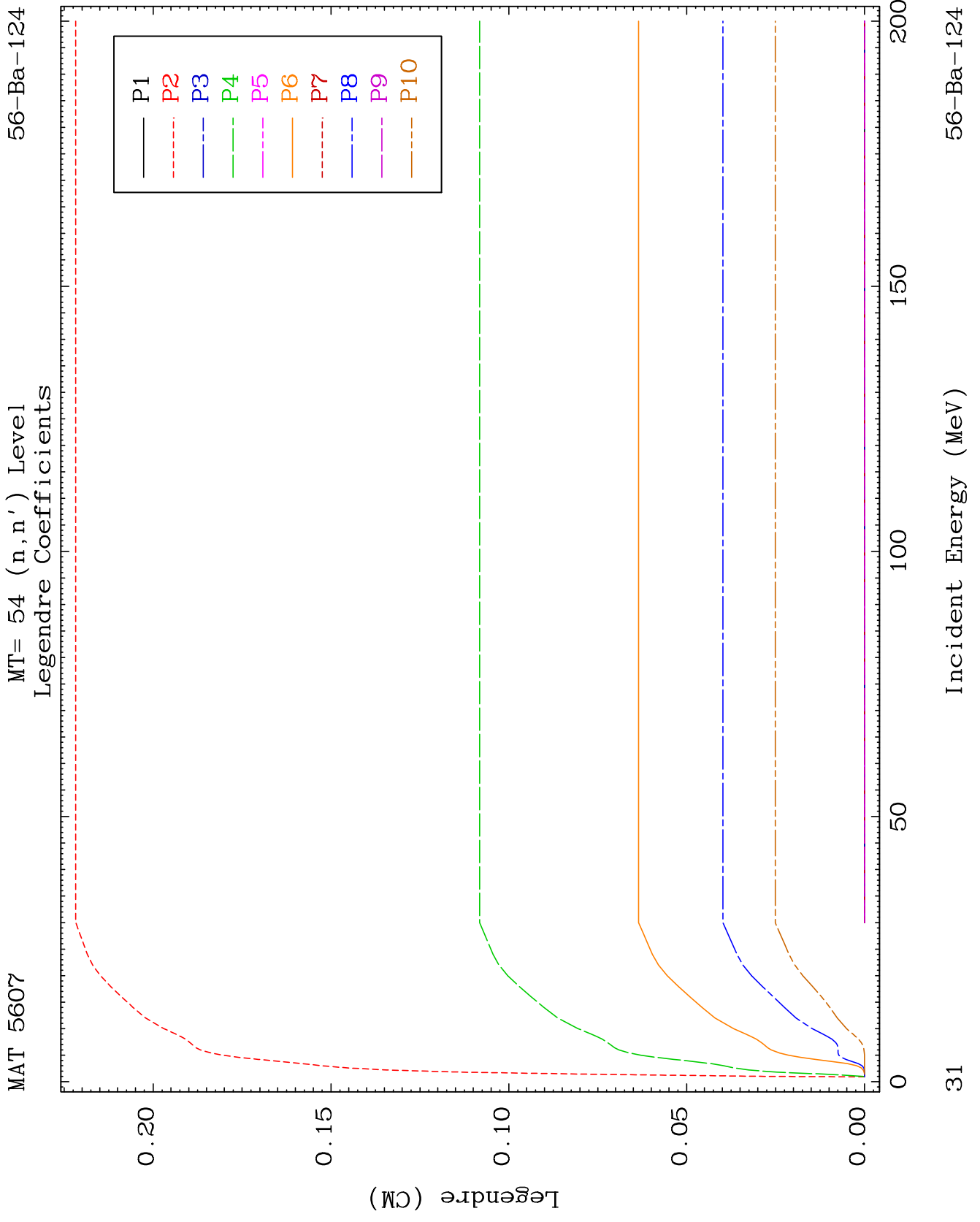


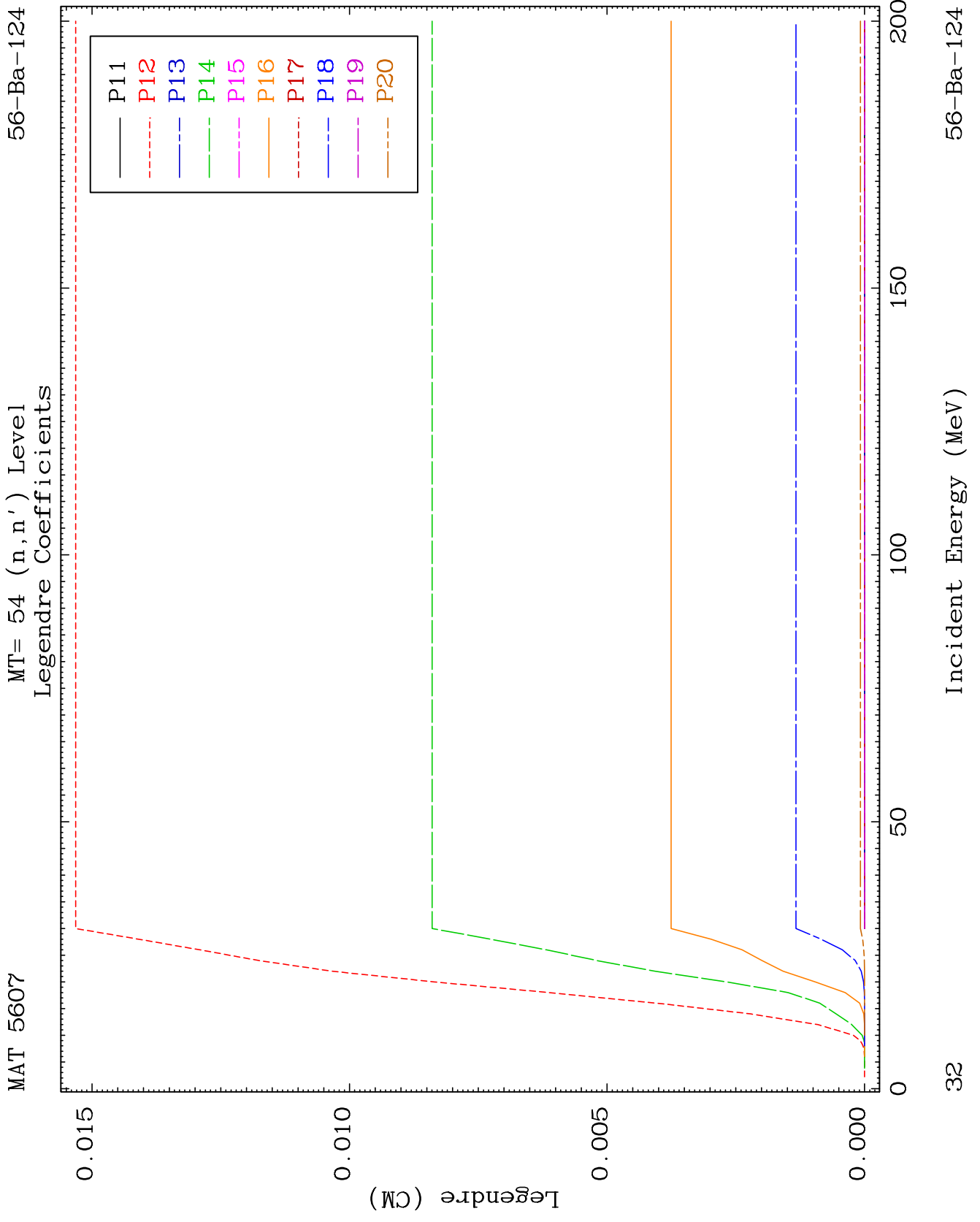
MAT 5607

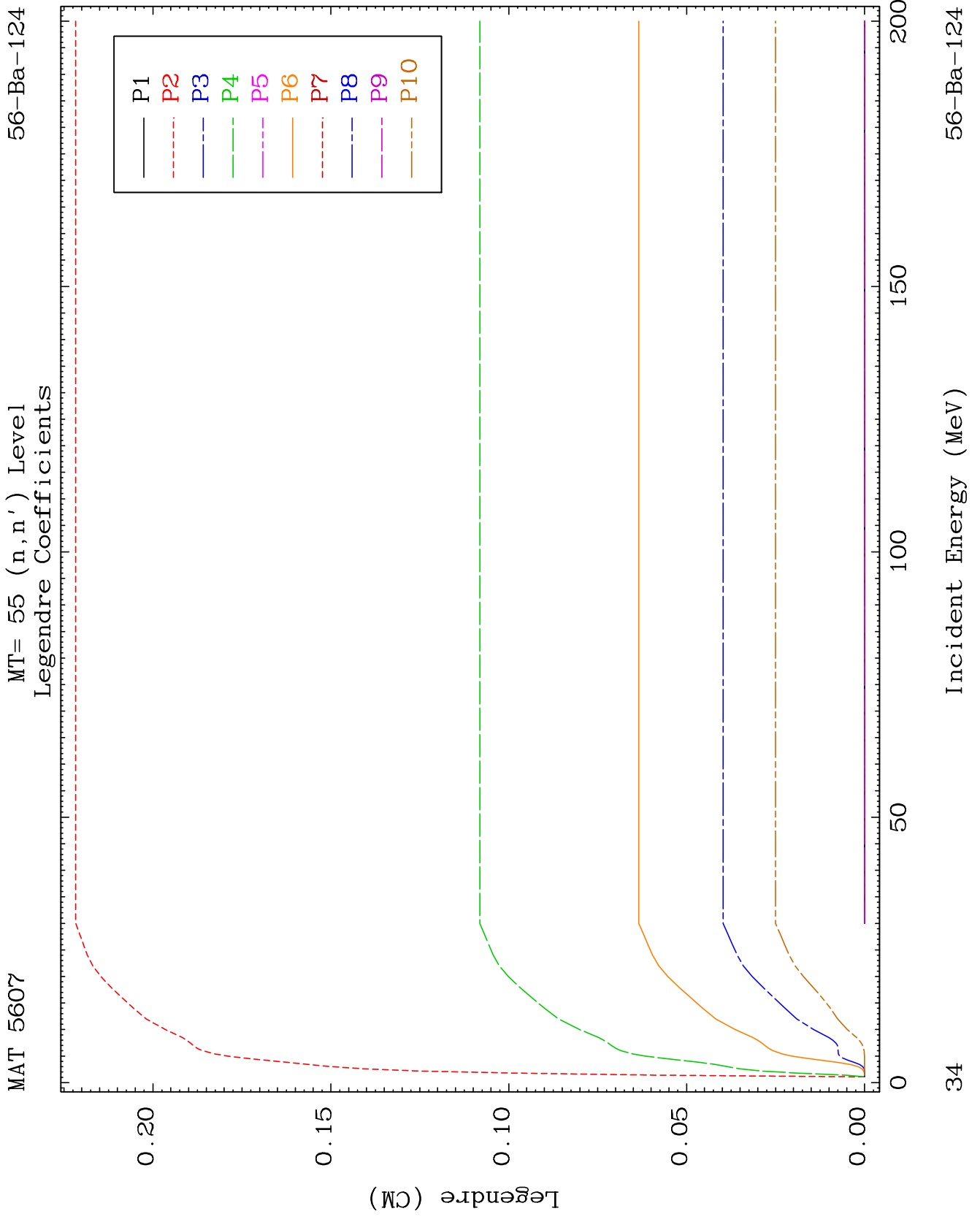
MT= 53 (n,n') Level
Legendre Coefficients

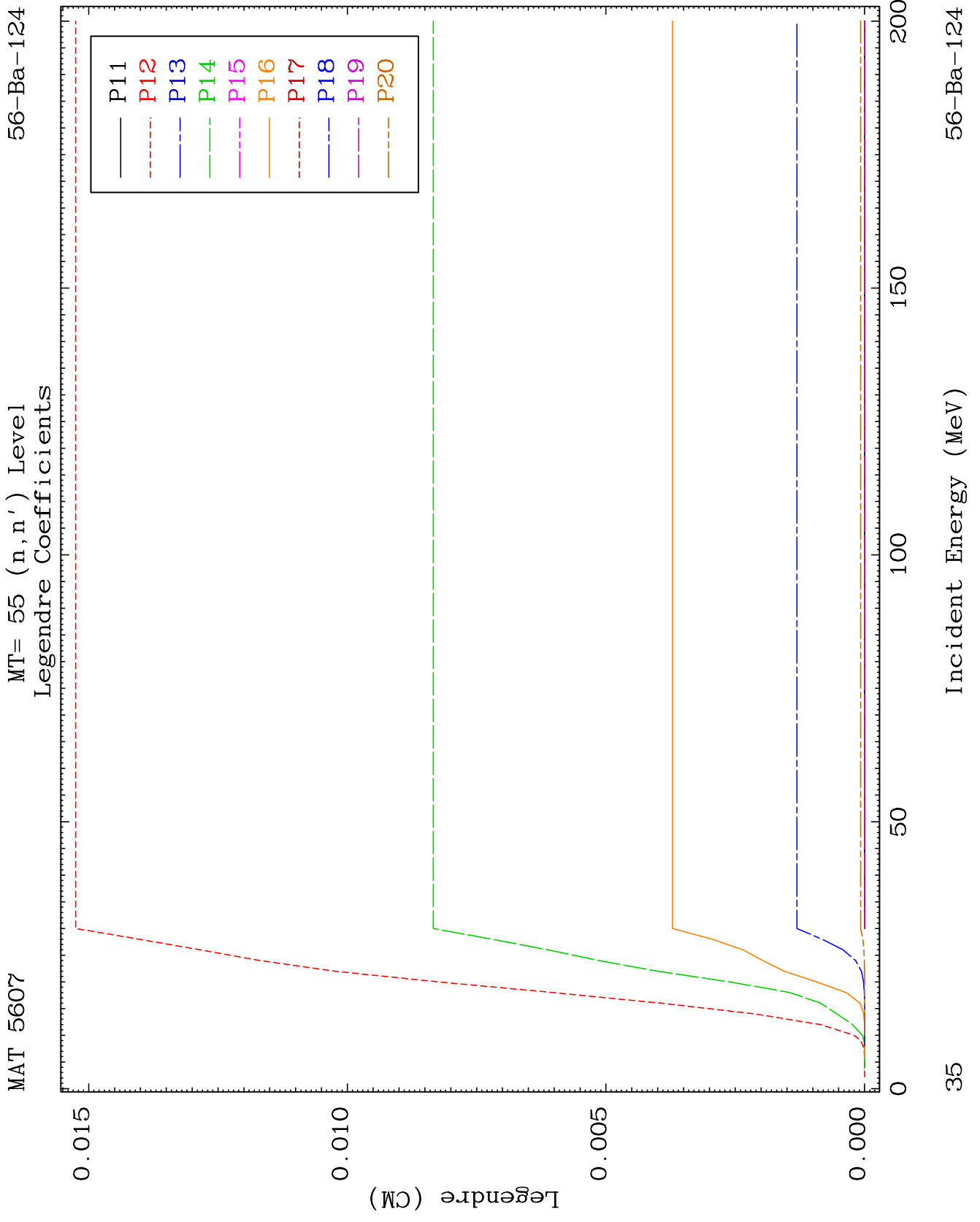
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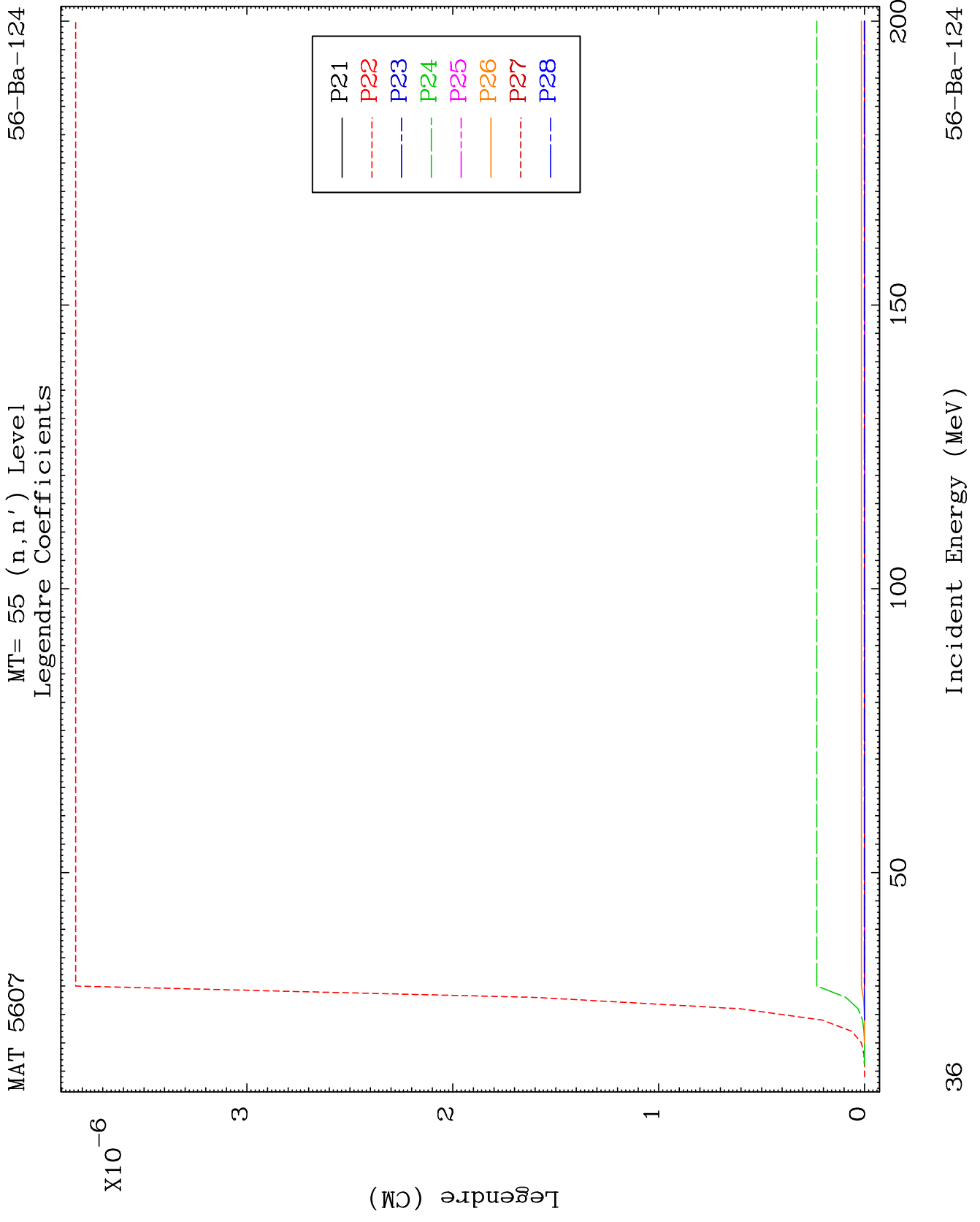








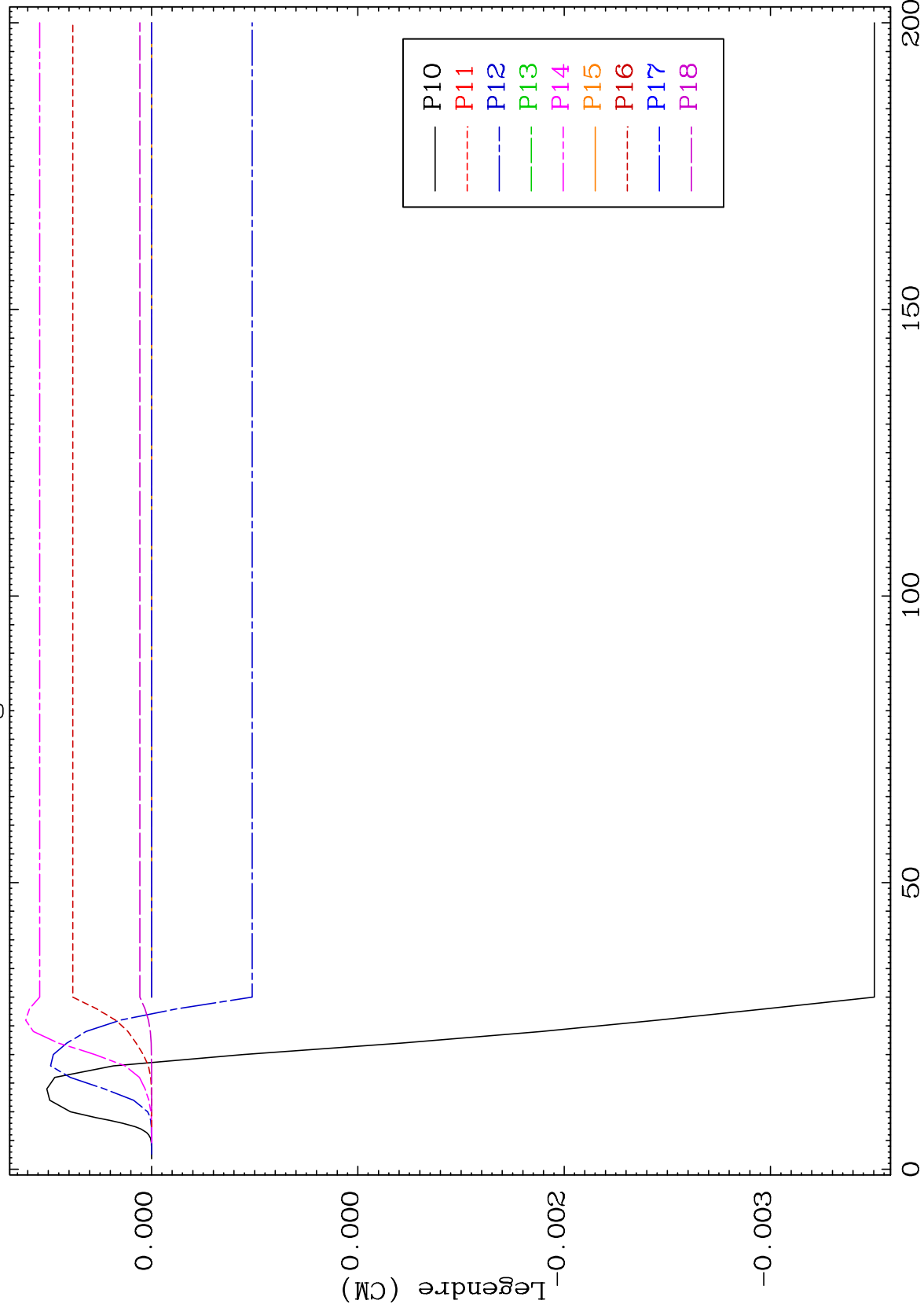




MAT 5607

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

56-Ba-124



38

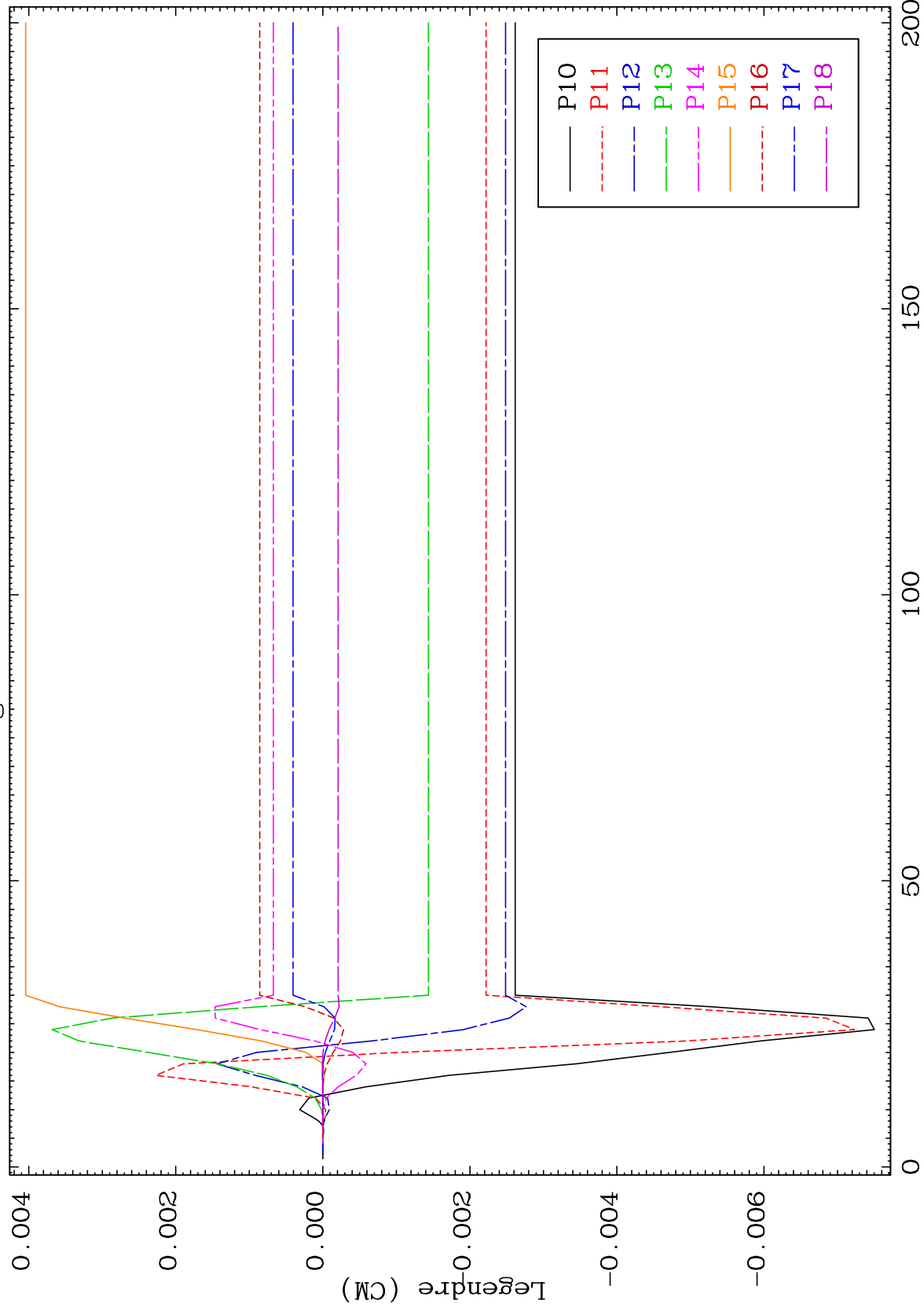
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

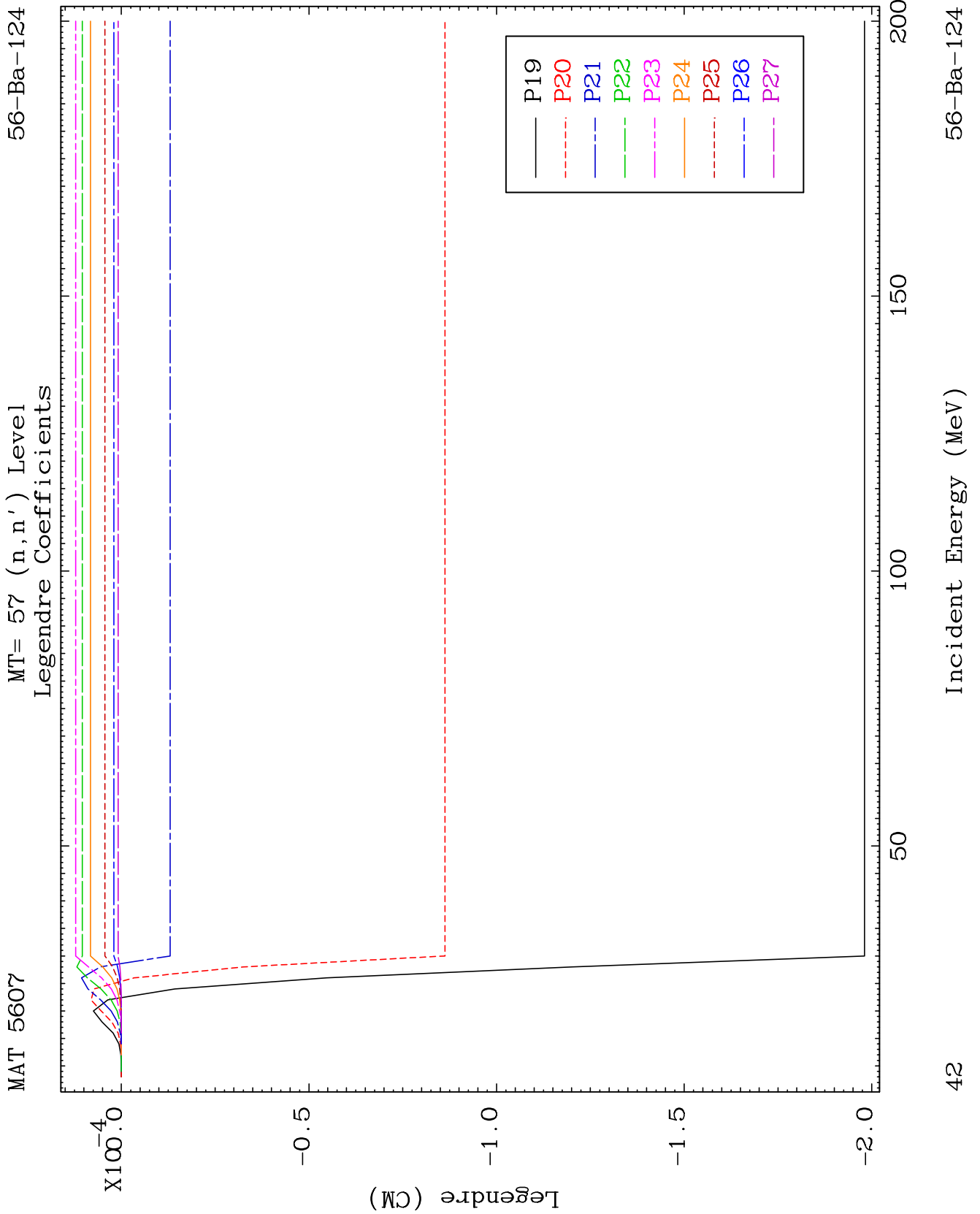
56-Ba-124



41

Incident Energy (MeV)

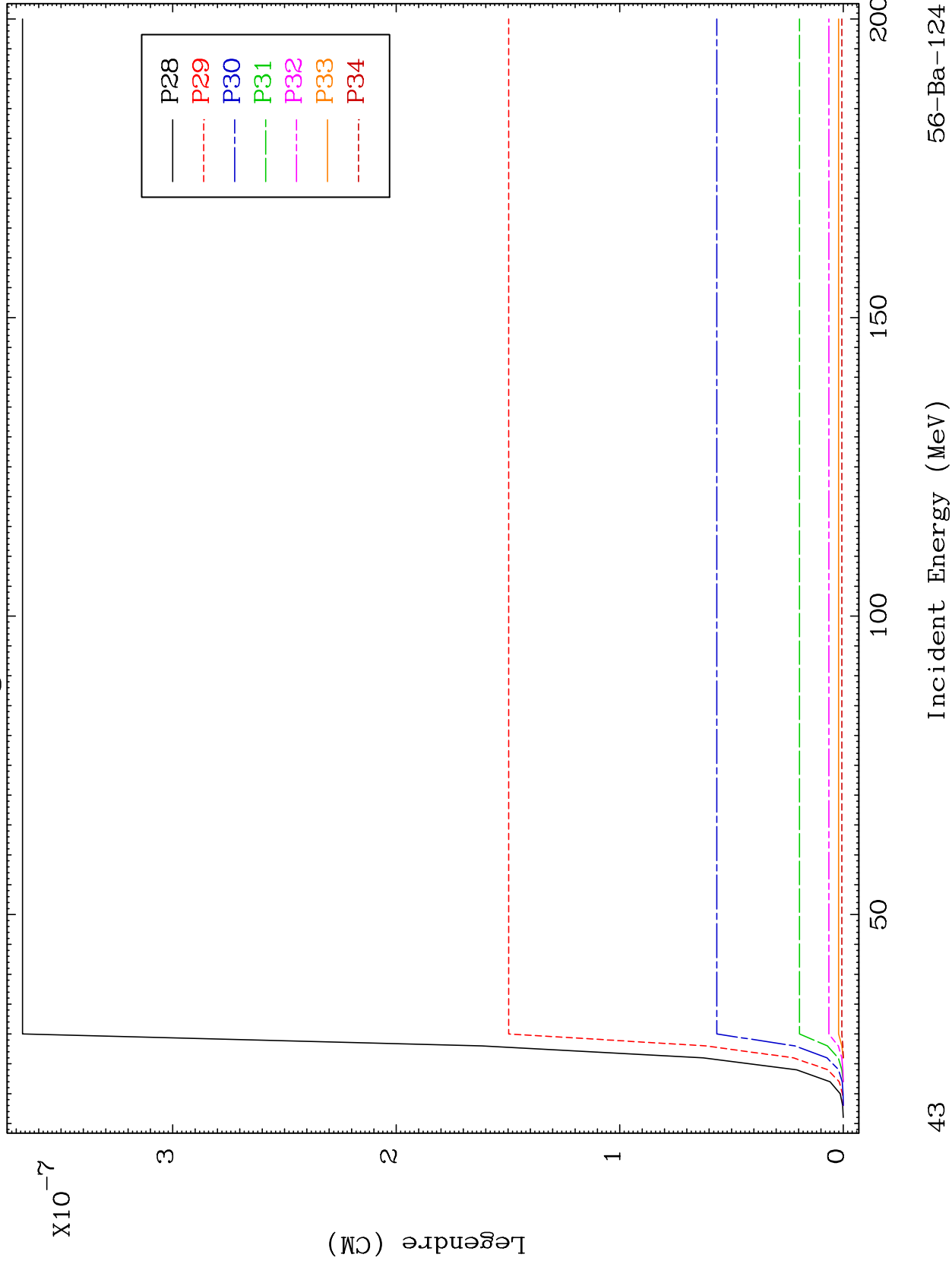
56-Ba-124



MAT 5607

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

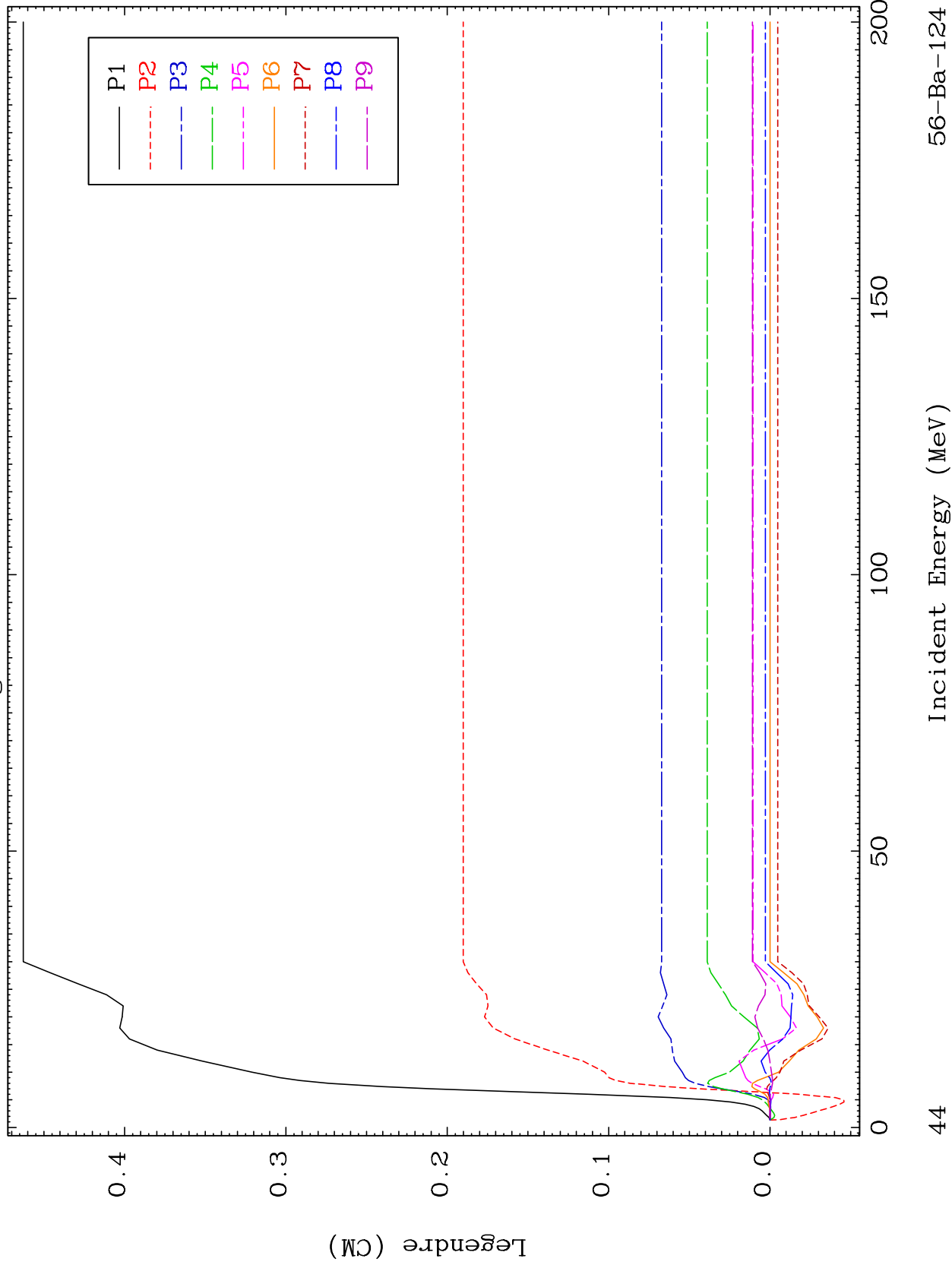
56-Ba-124



MAT 5607

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

56-Ba-124



56-Ba-124

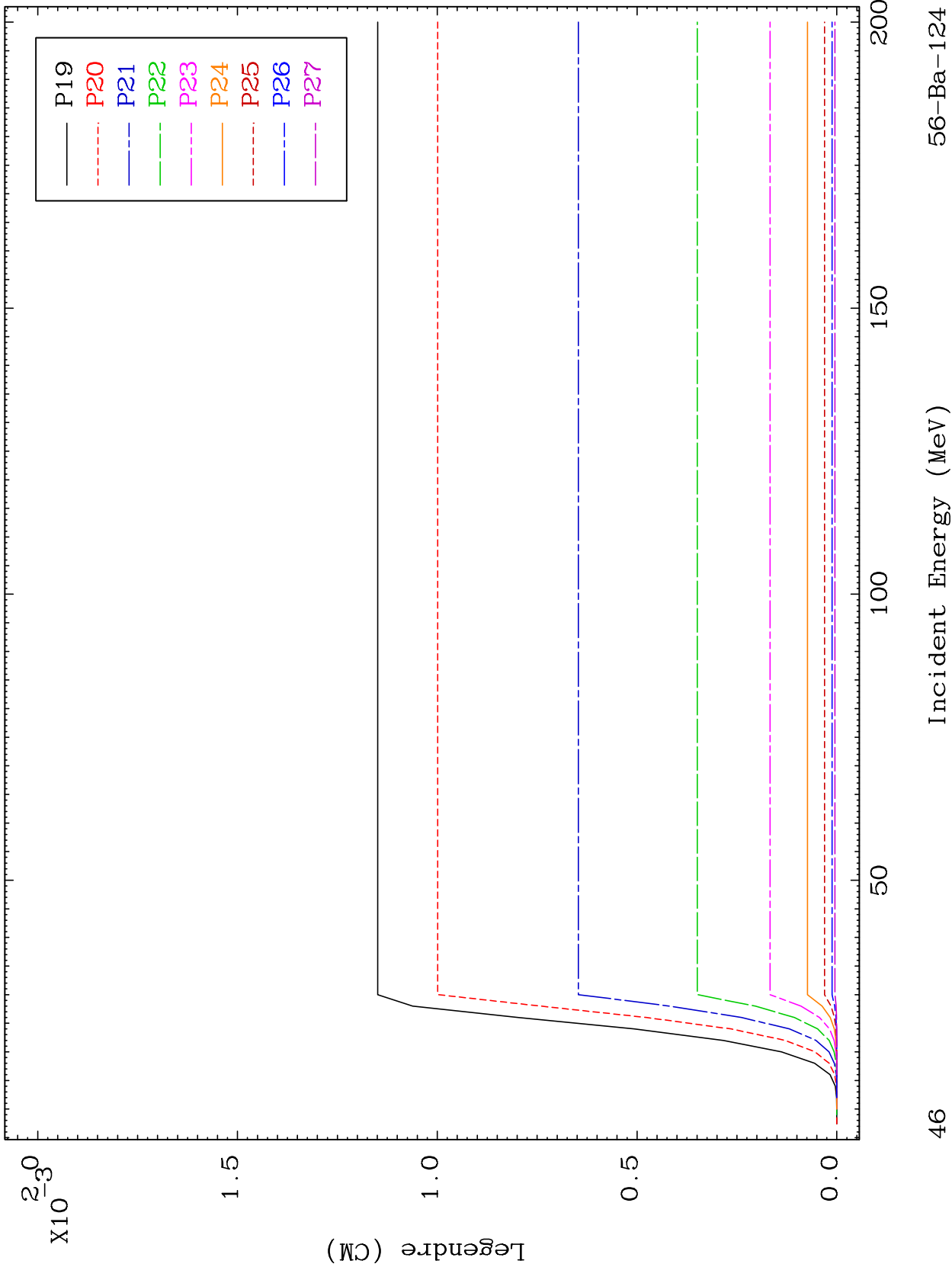
Incident Energy (MeV)

44

MAT 5607

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

56-Ba-124



46

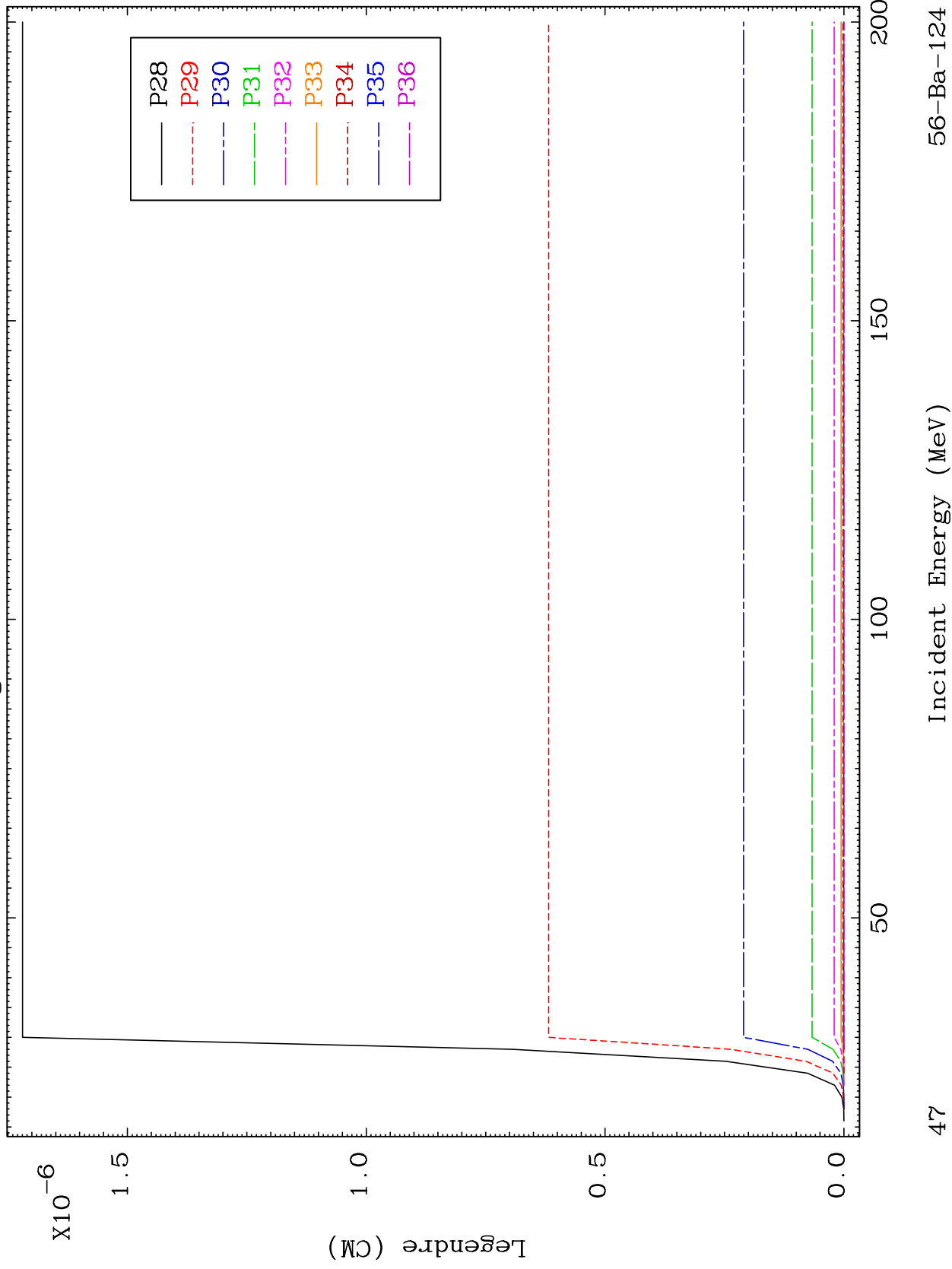
Incident Energy (MeV)

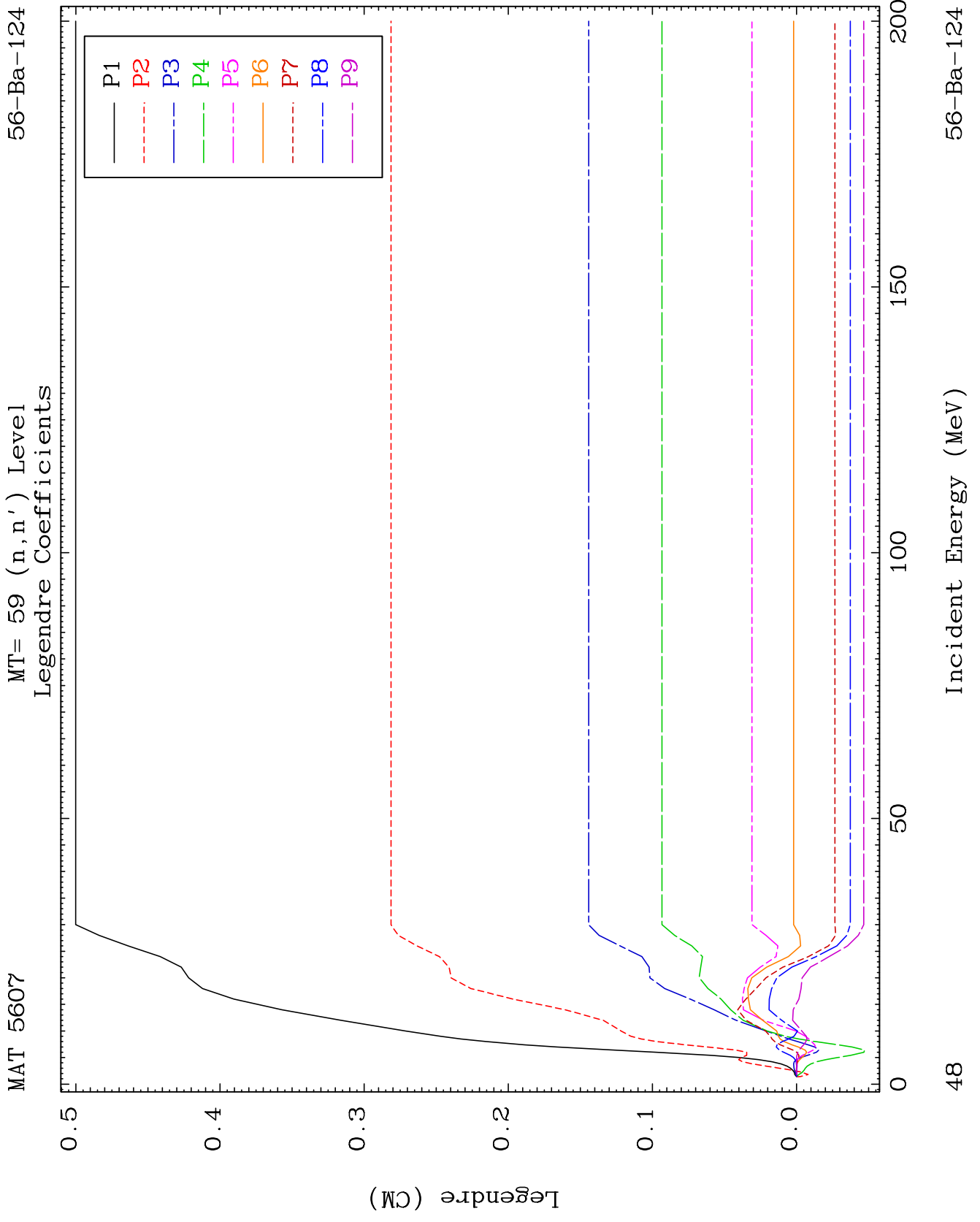
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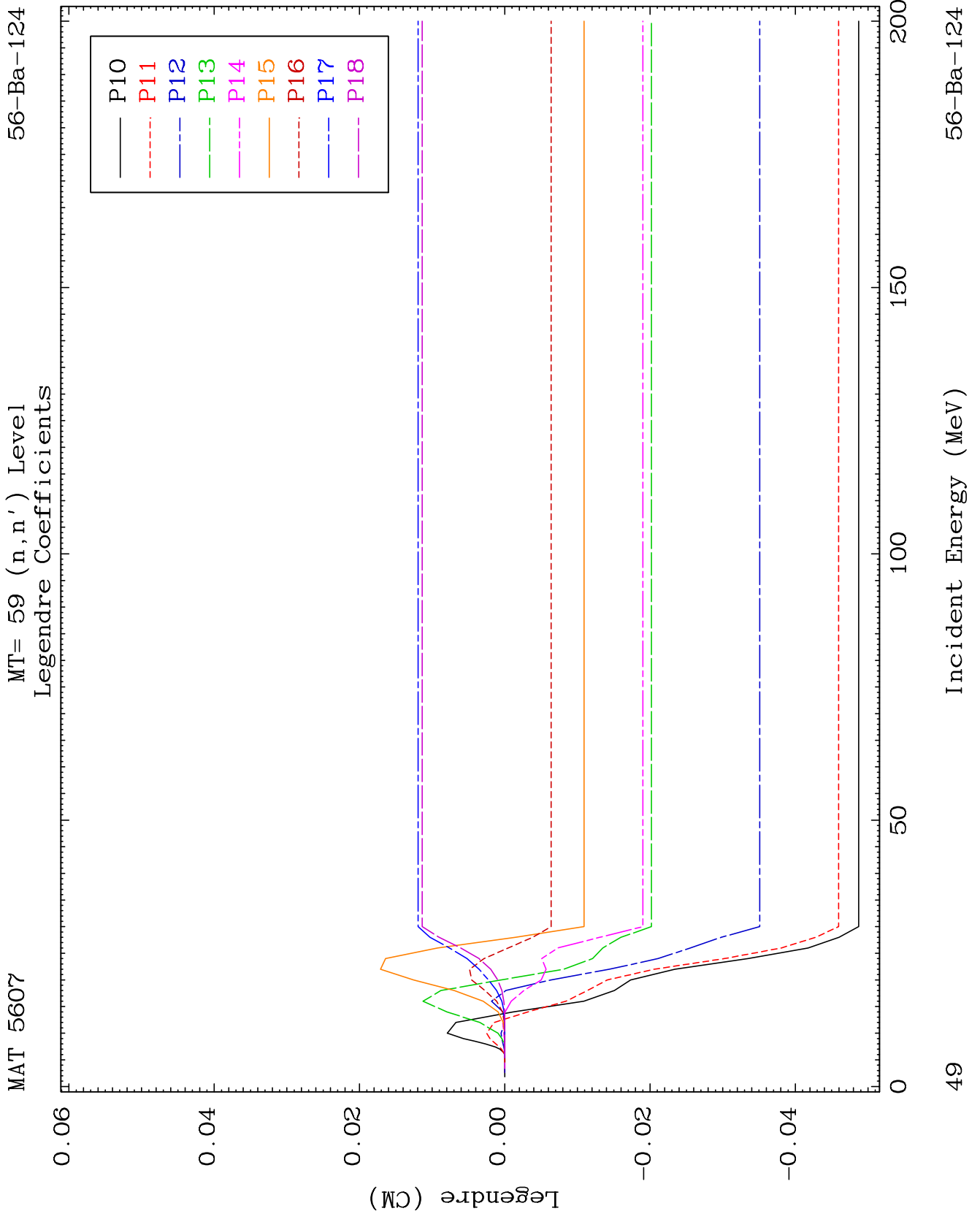
MAT 5607

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

56-Ba-124



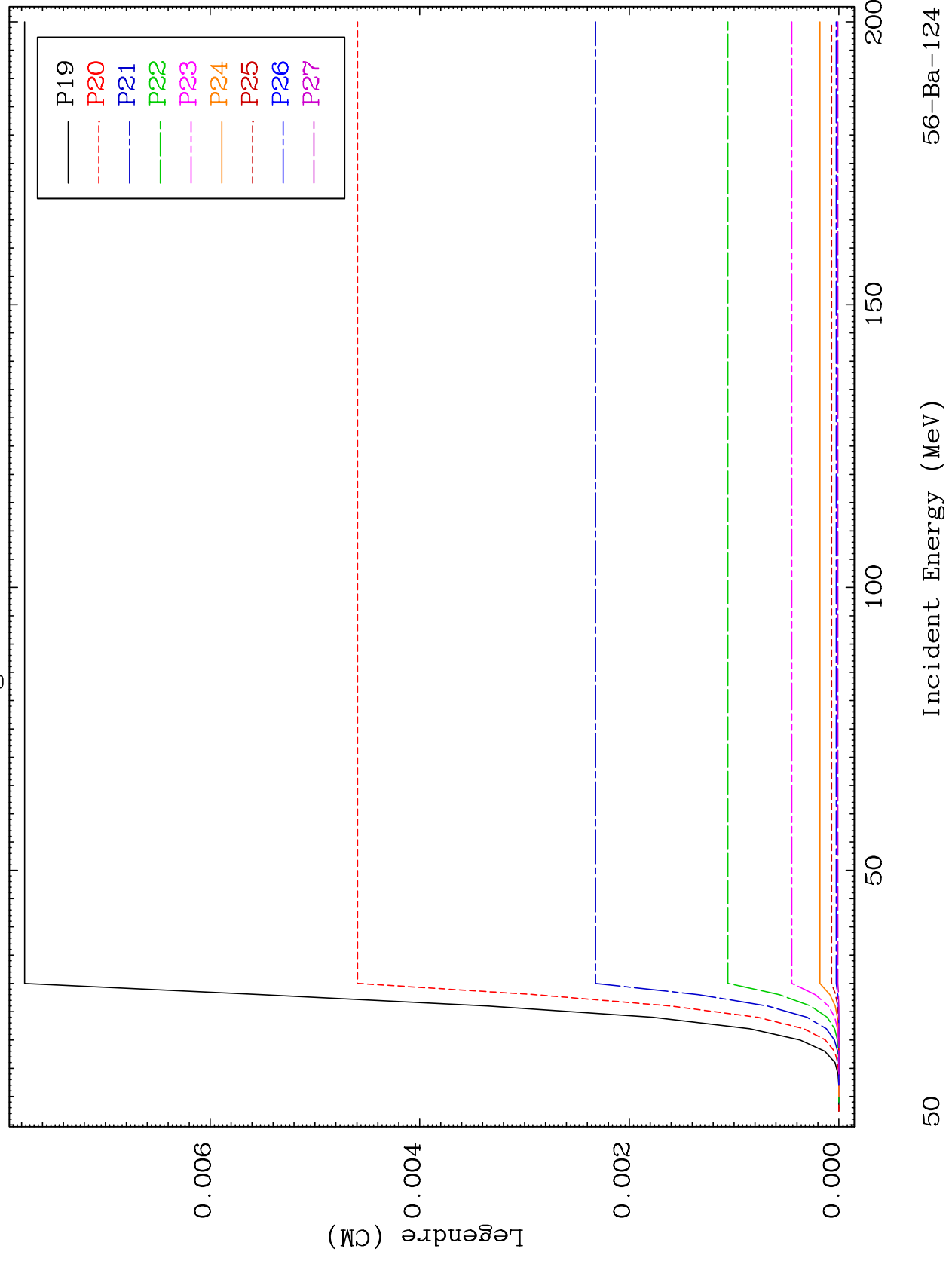




MAT 5607

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

56-Ba-124



50

50

100

150

200

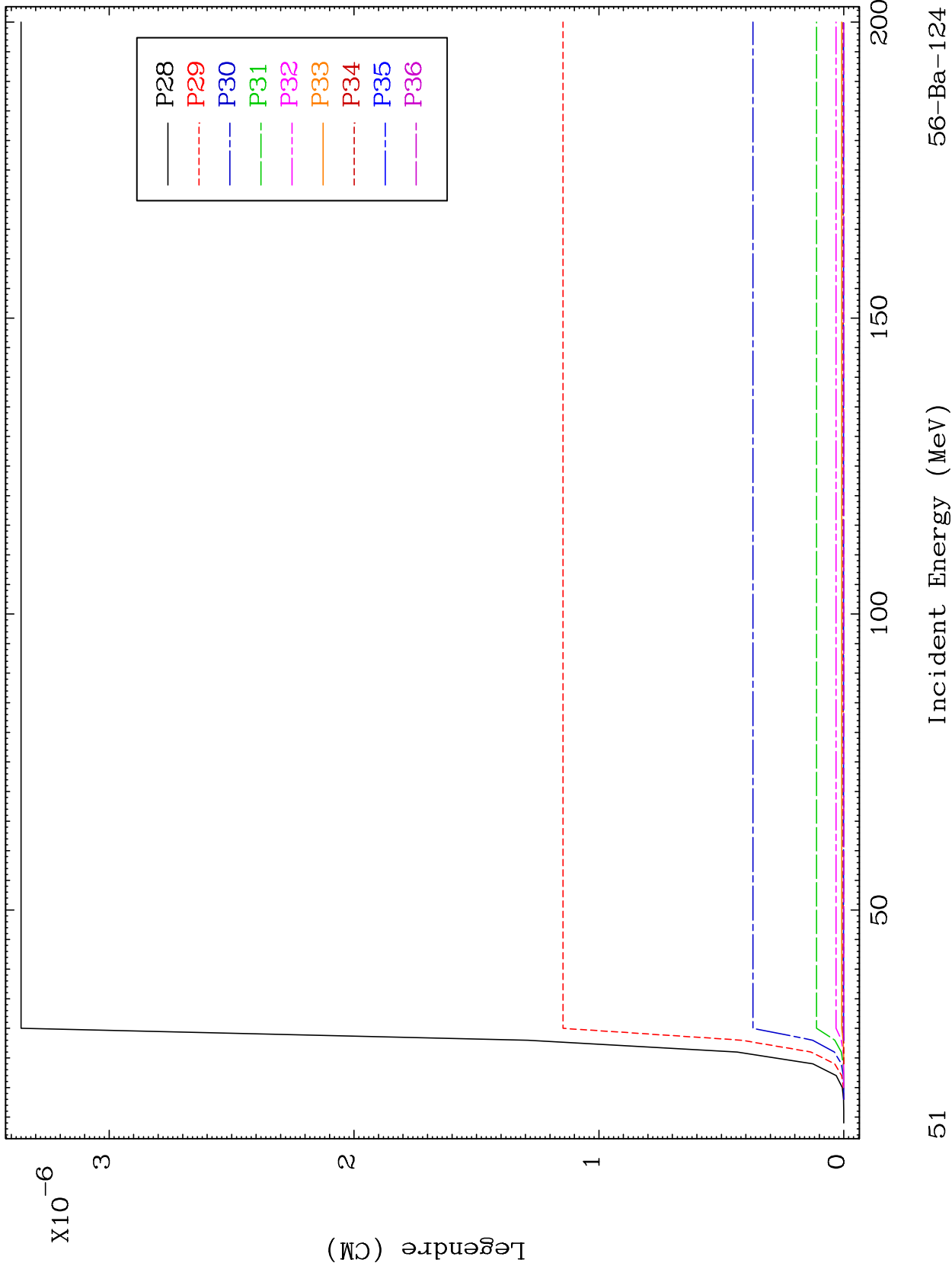
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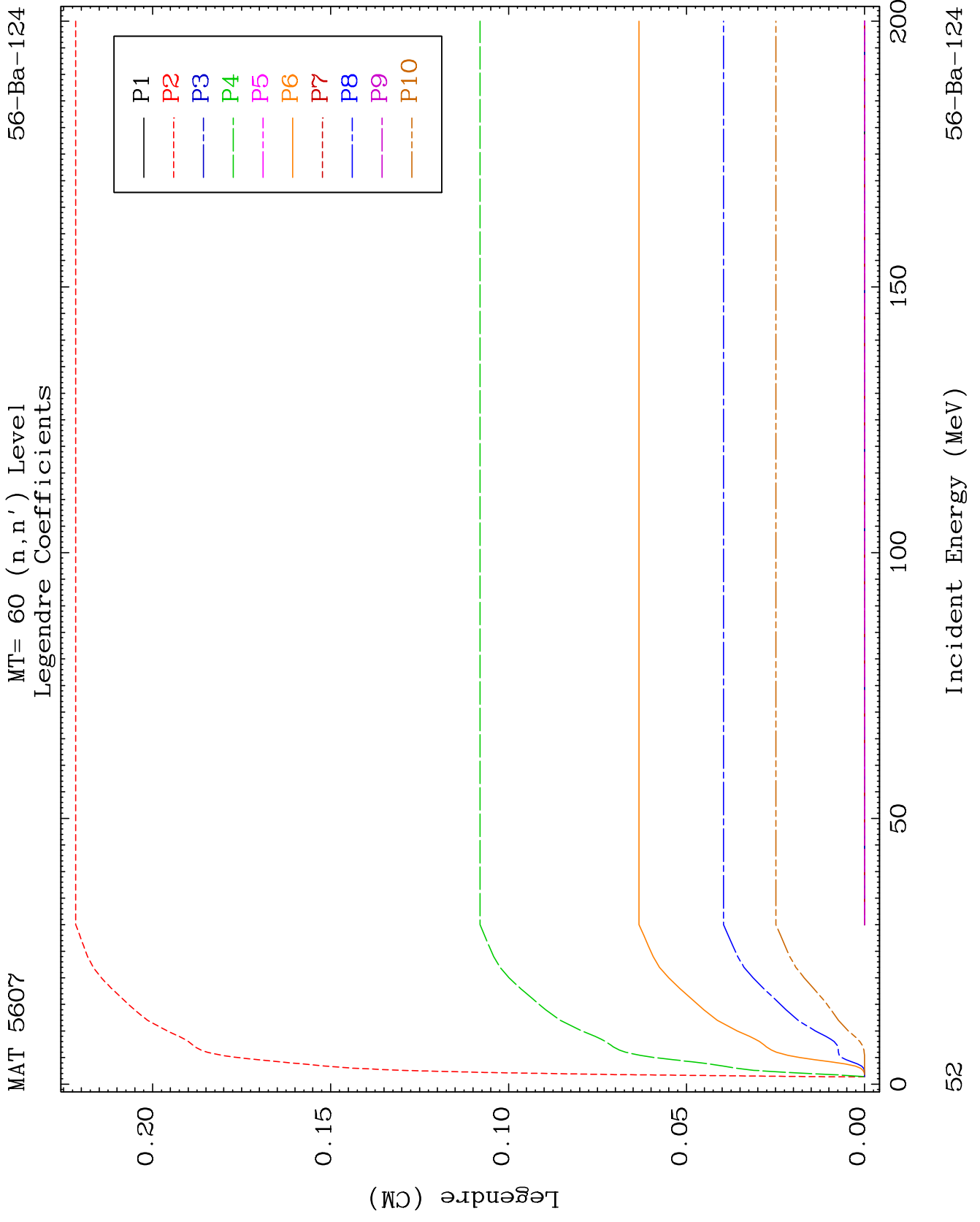
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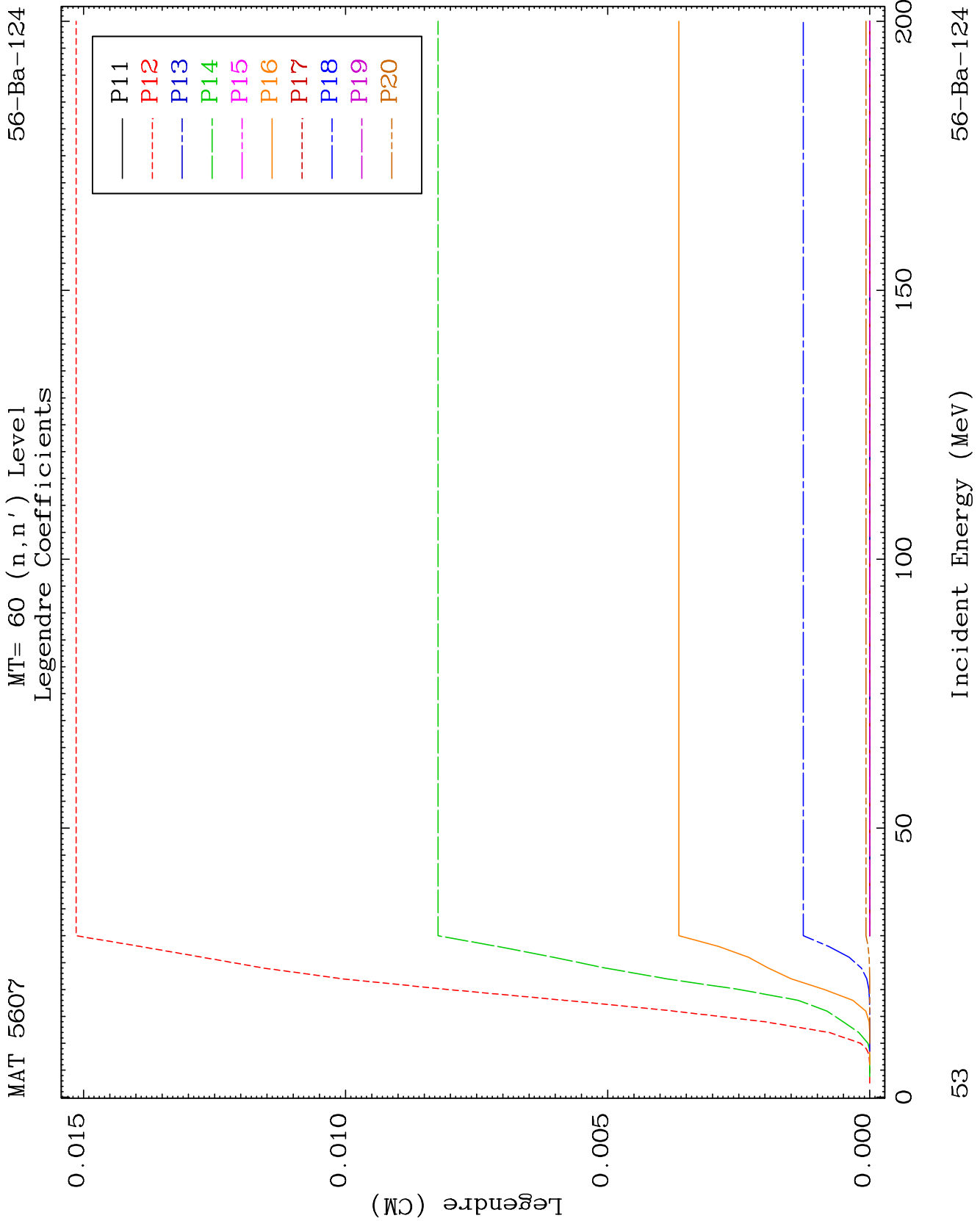
MAT 5607

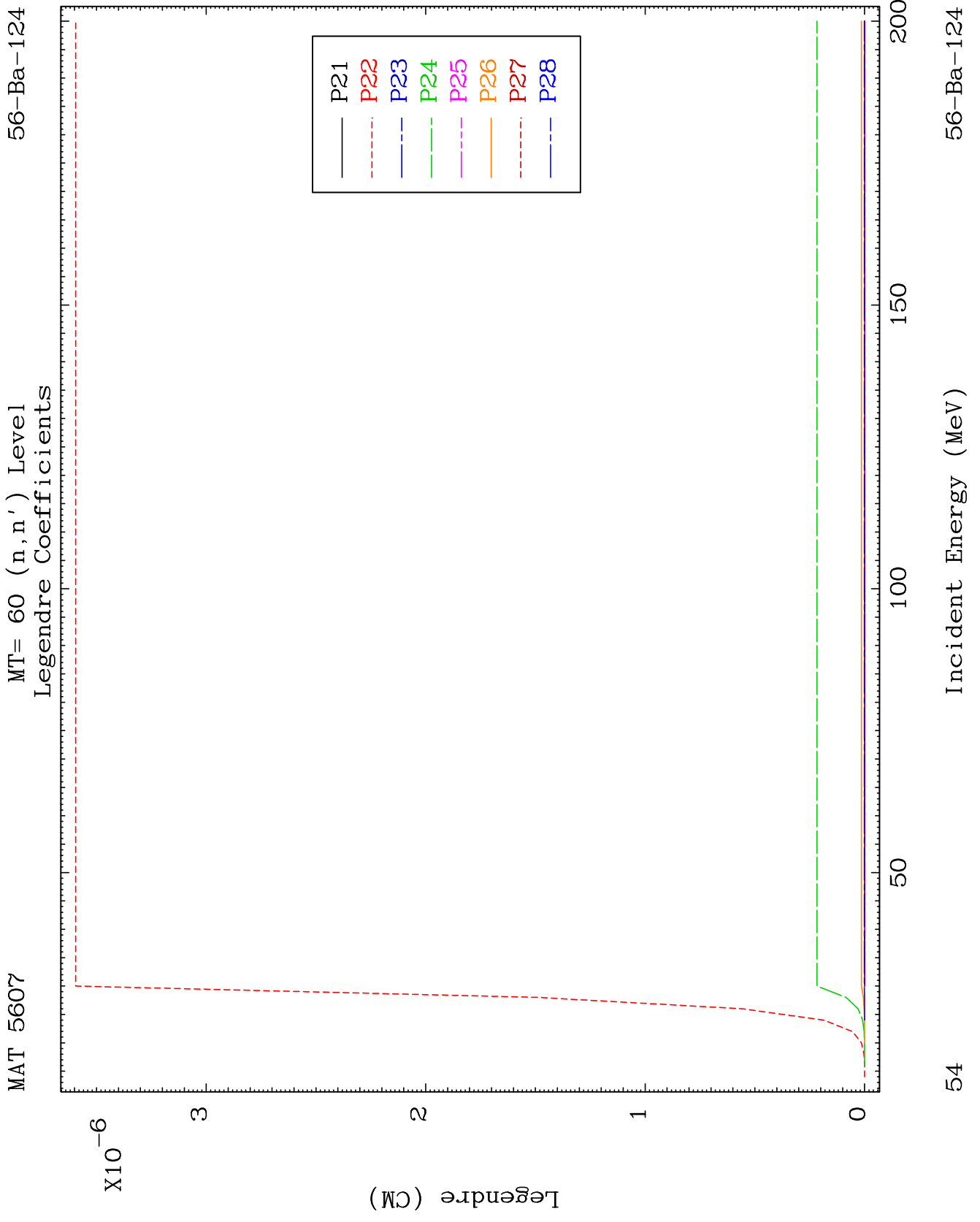
MT= 59 (n,n') Level
Legendre Coefficients

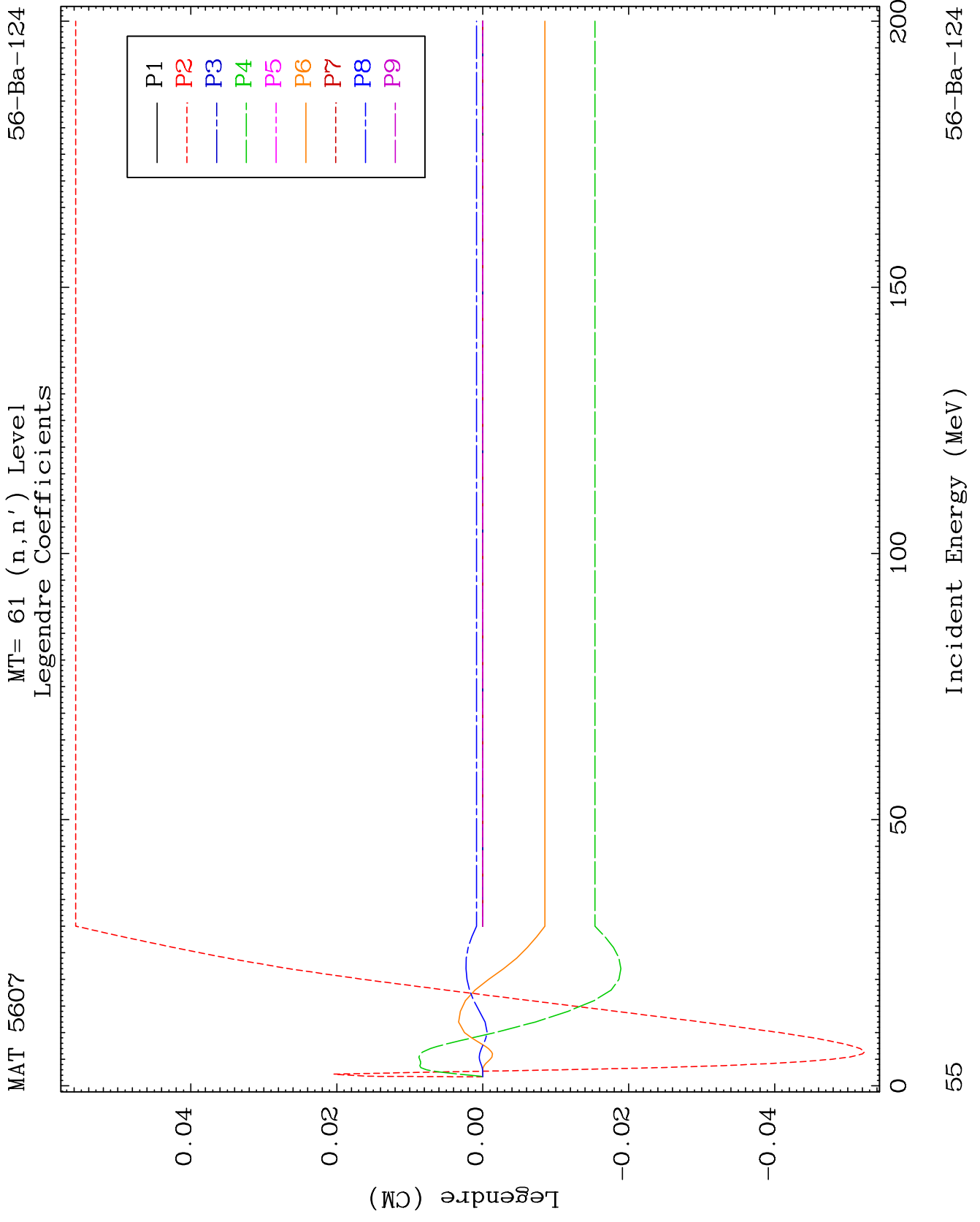
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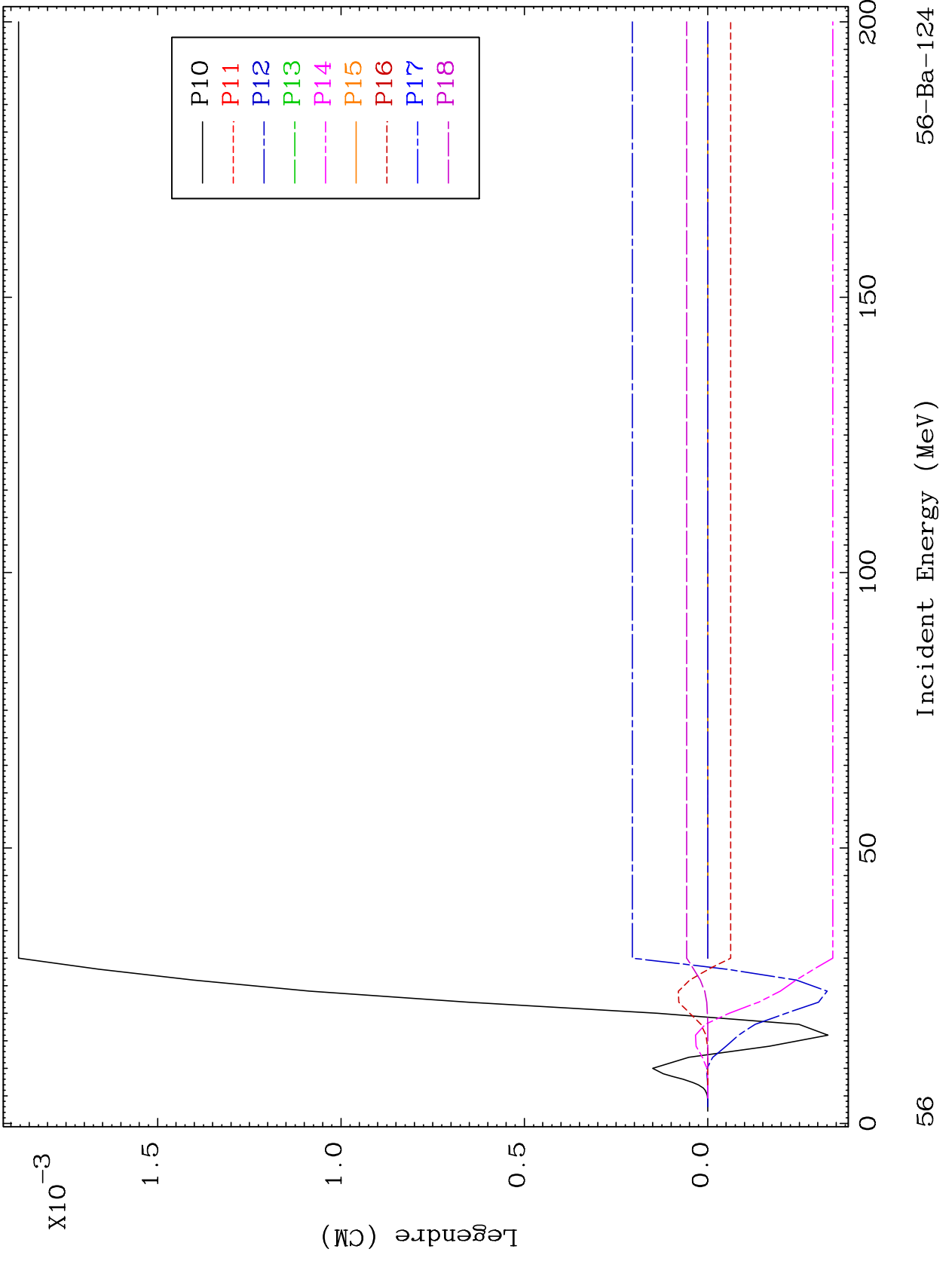




MAT 5607

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

56-Ba-124



56

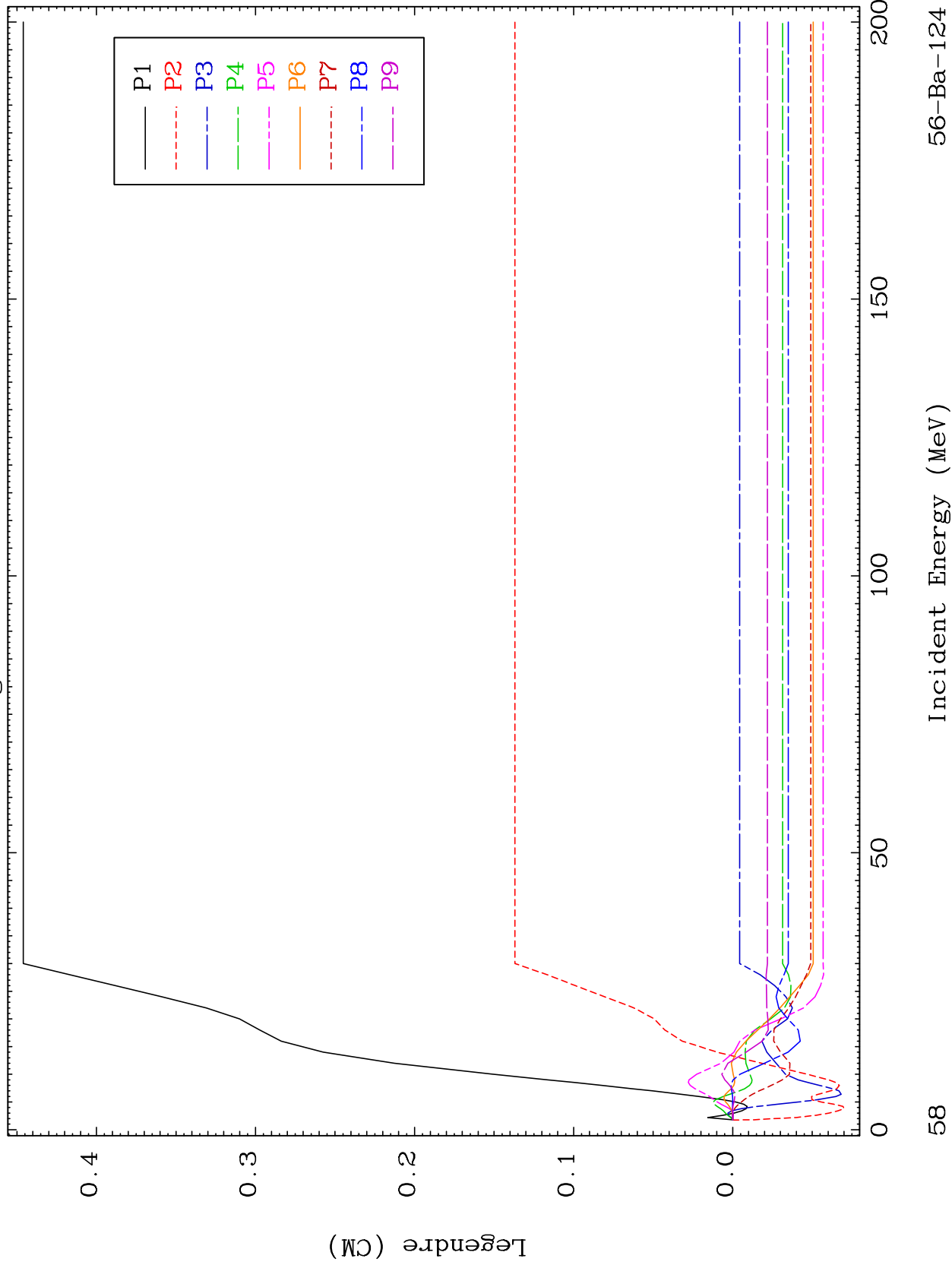
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

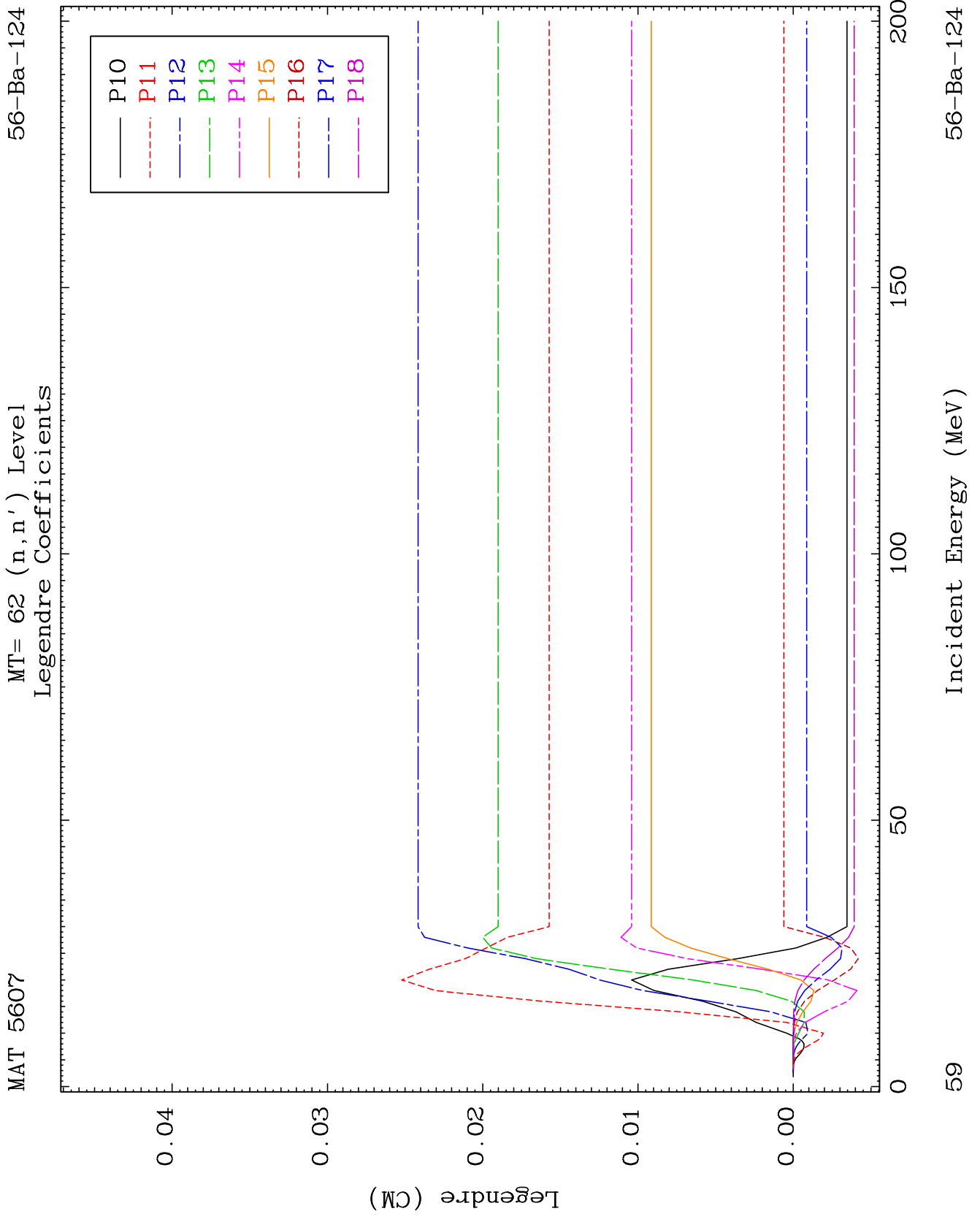
56-Ba-124



56-Ba-124

Incident Energy (MeV)

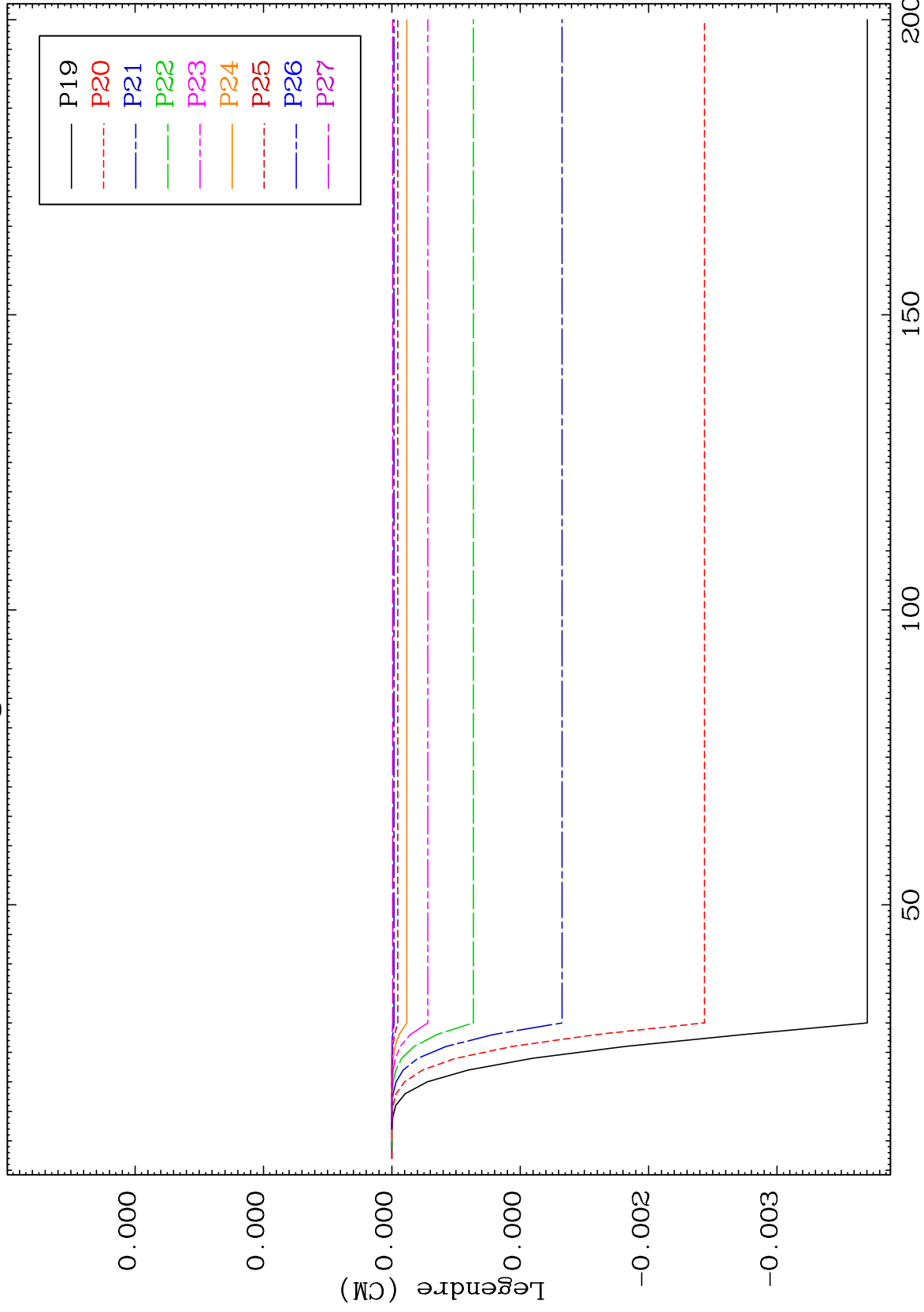
58



MAT 5607

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

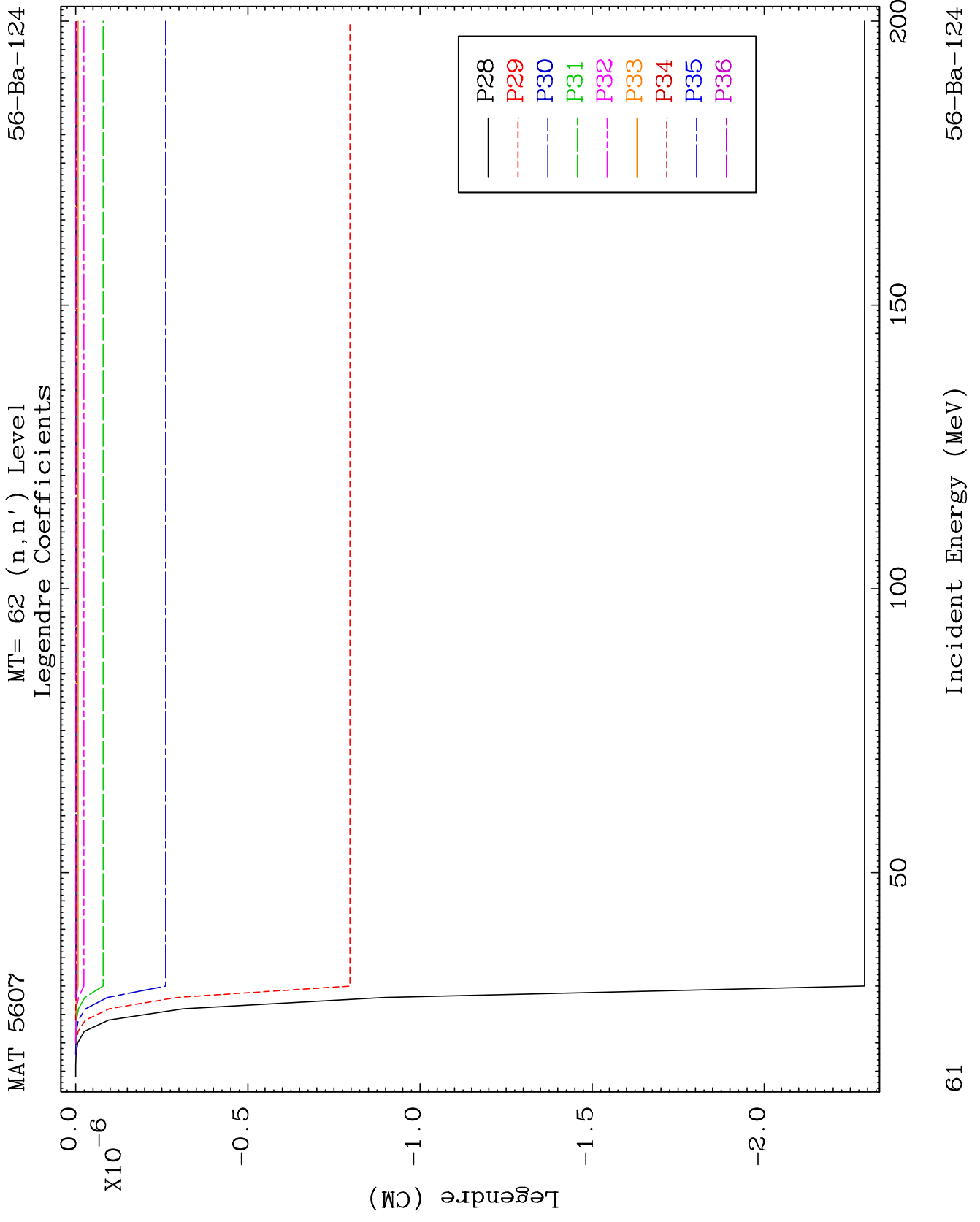
56-Ba-124



60

Incident Energy (MeV)

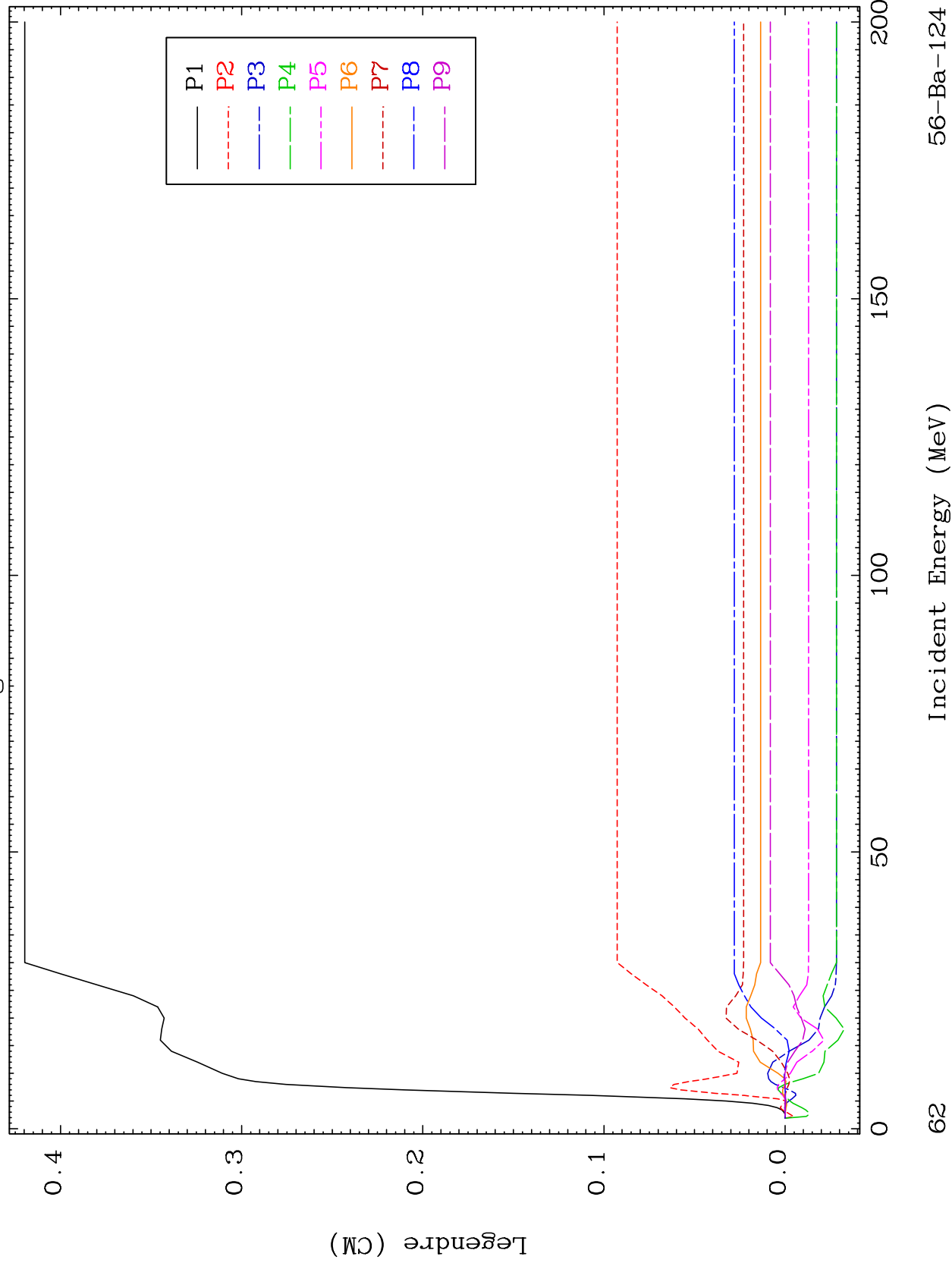
56-Ba-124



MAT 5607

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

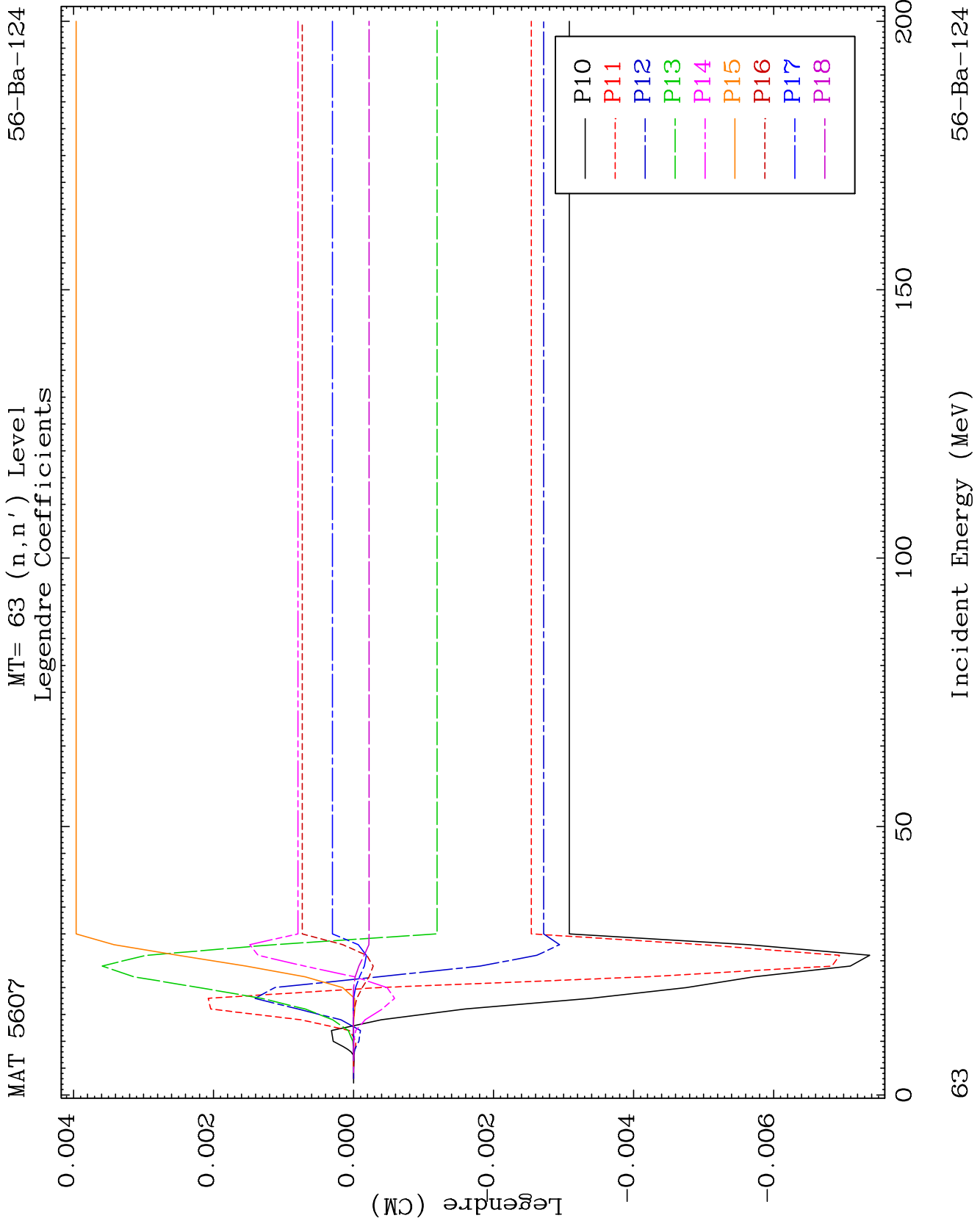
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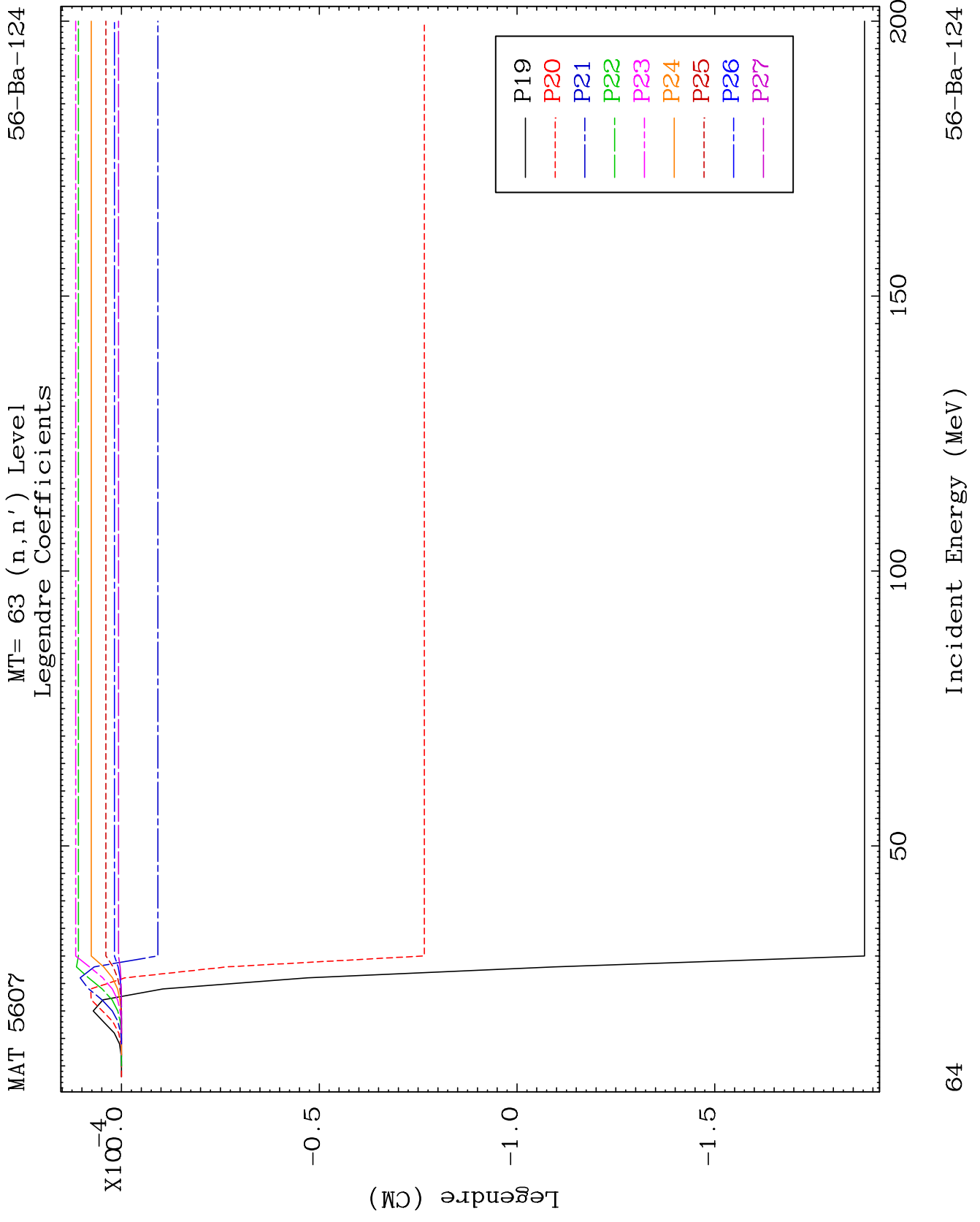


56-Ba-124

Incident Energy (MeV)

62

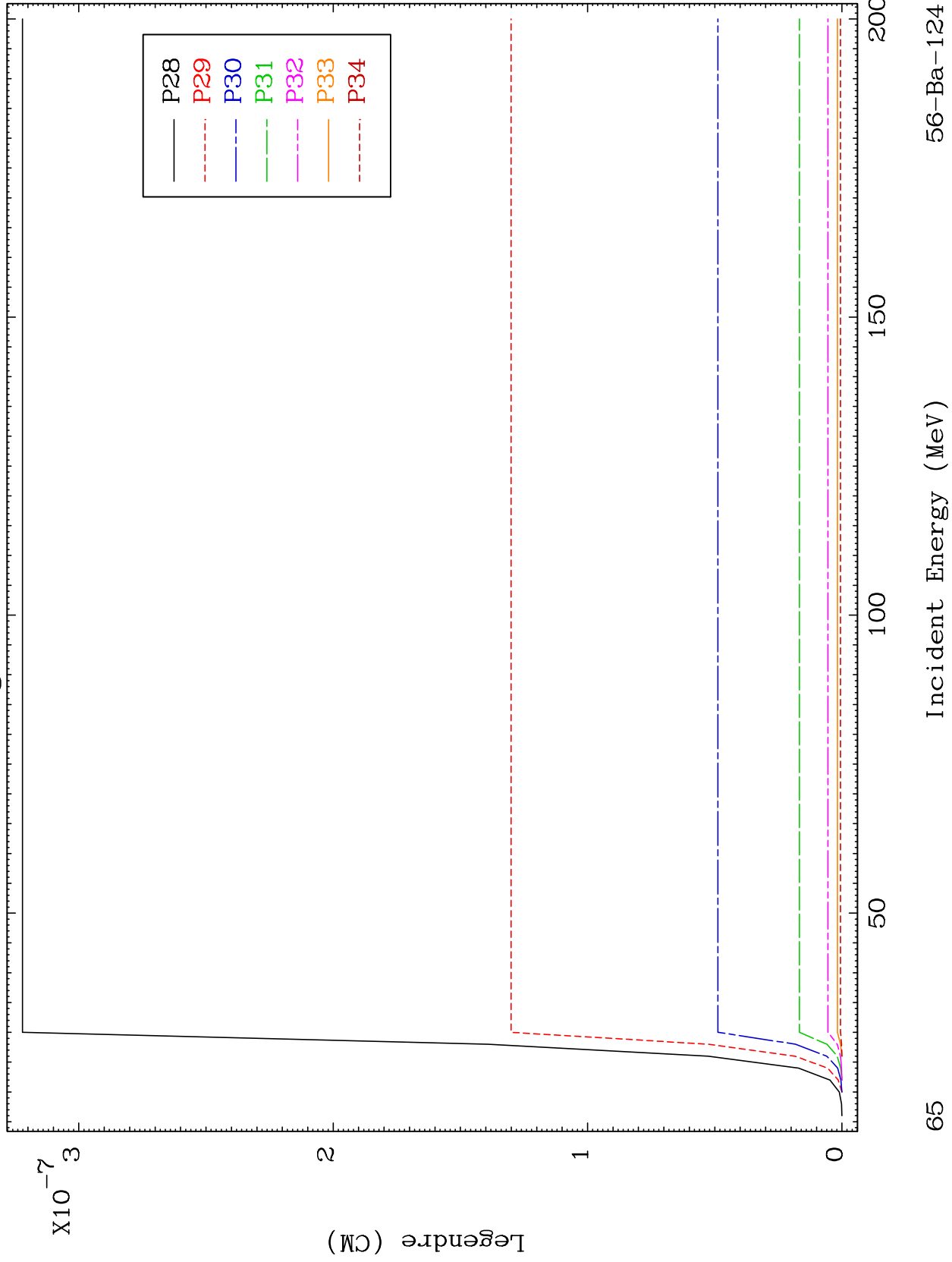




MAT 5607

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

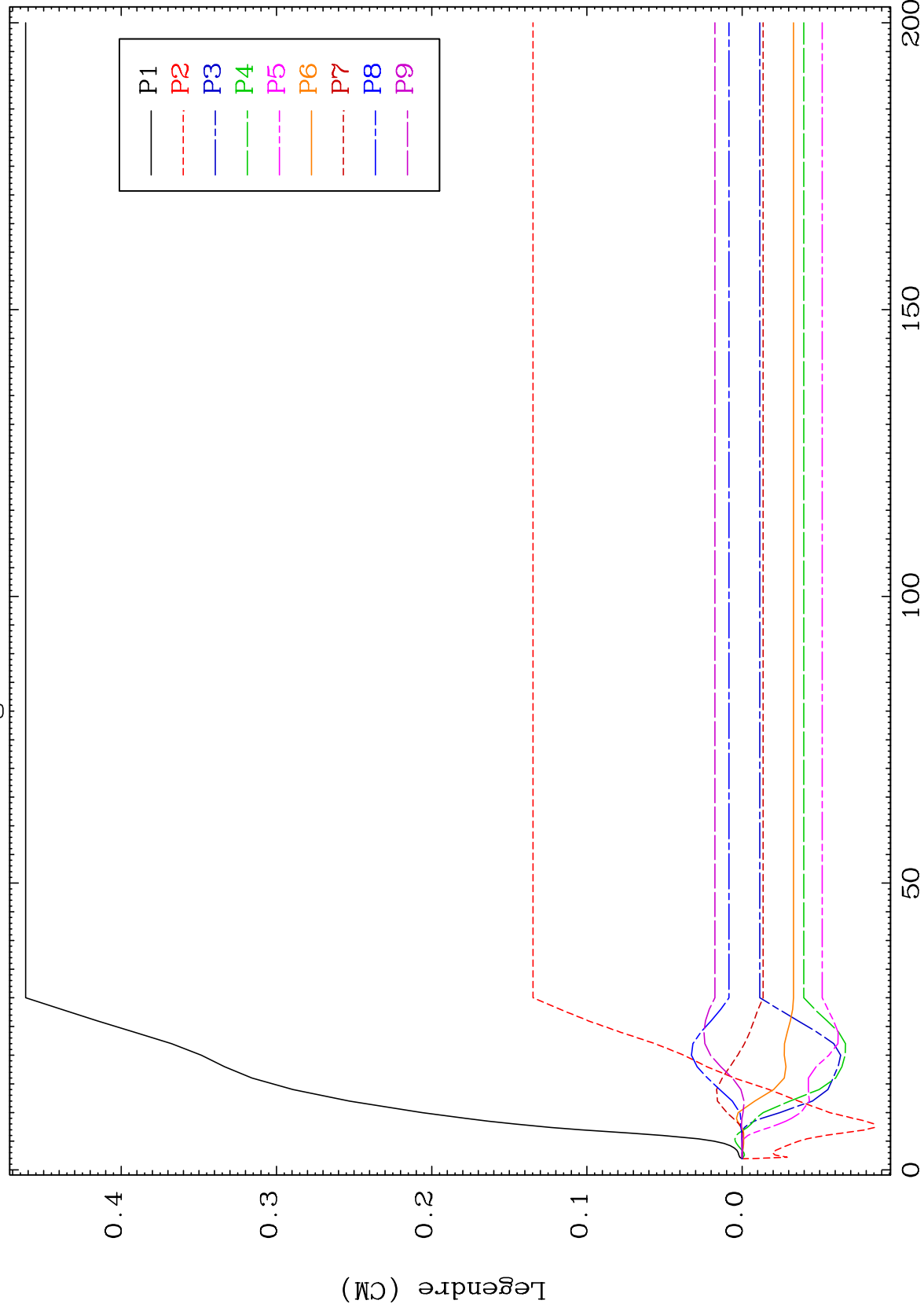
56-Ba-124



MAT 5607

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

56-Ba-124



66

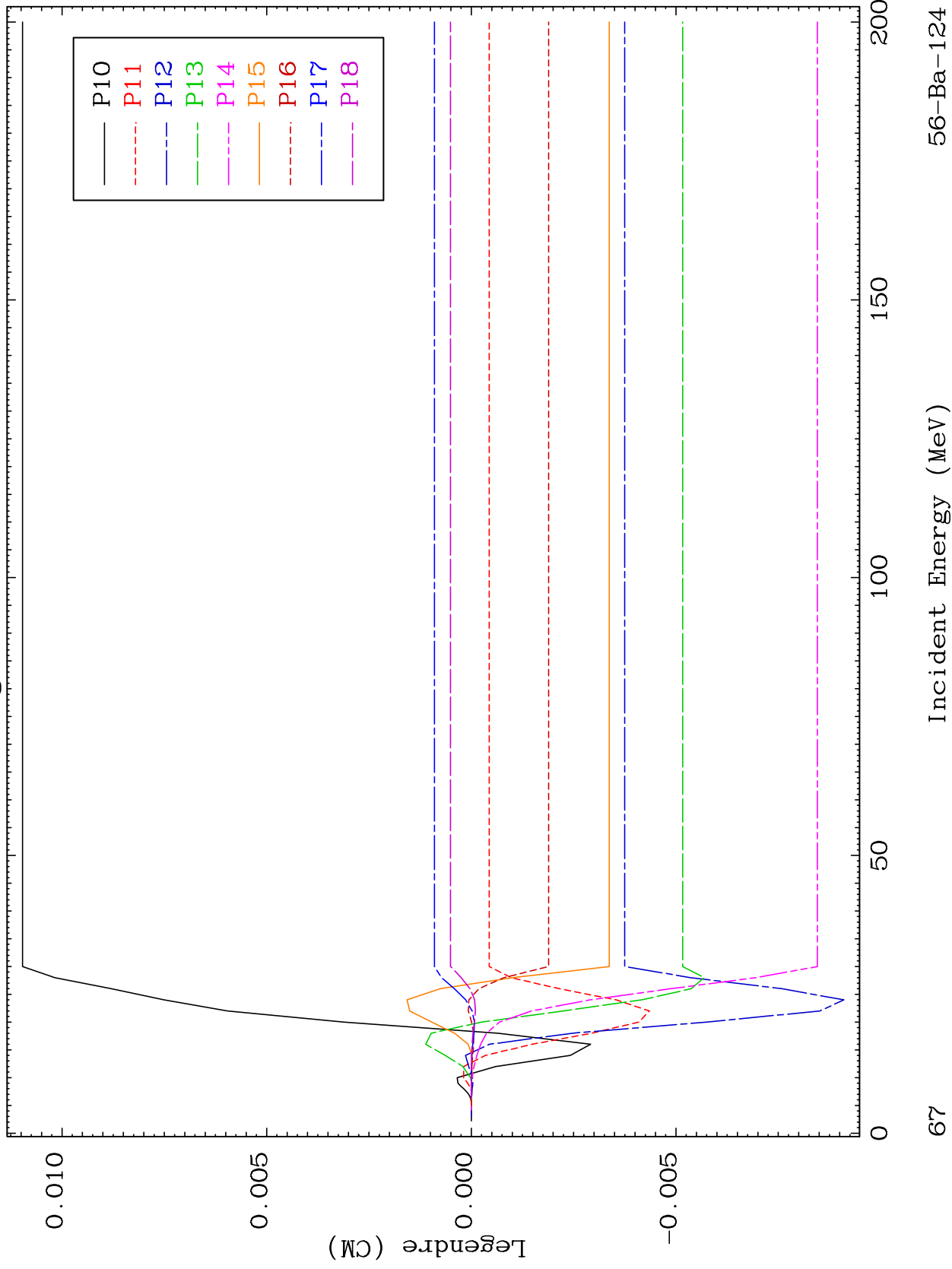
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



67

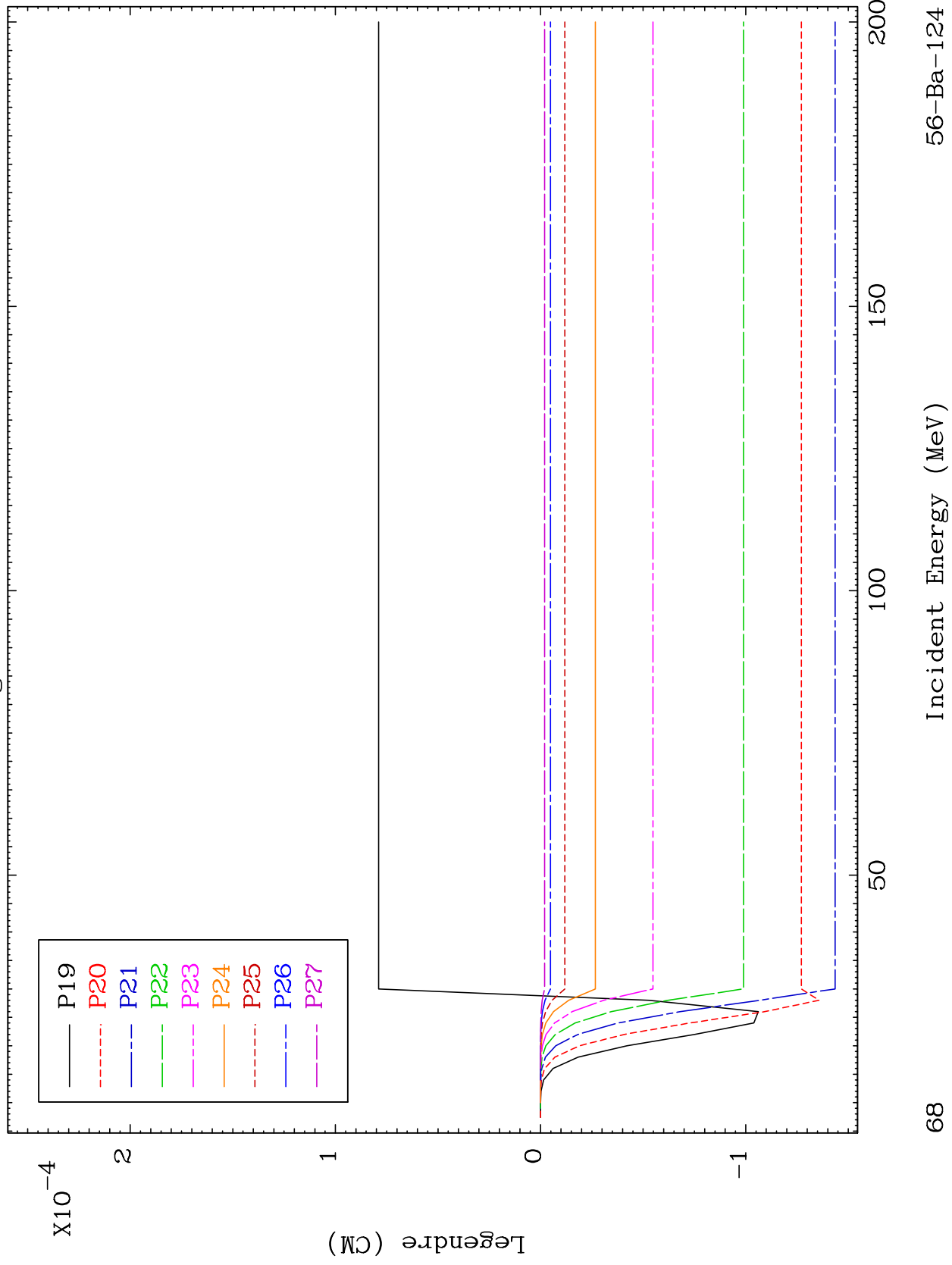
Incident Energy (MeV)

56-Ba-124

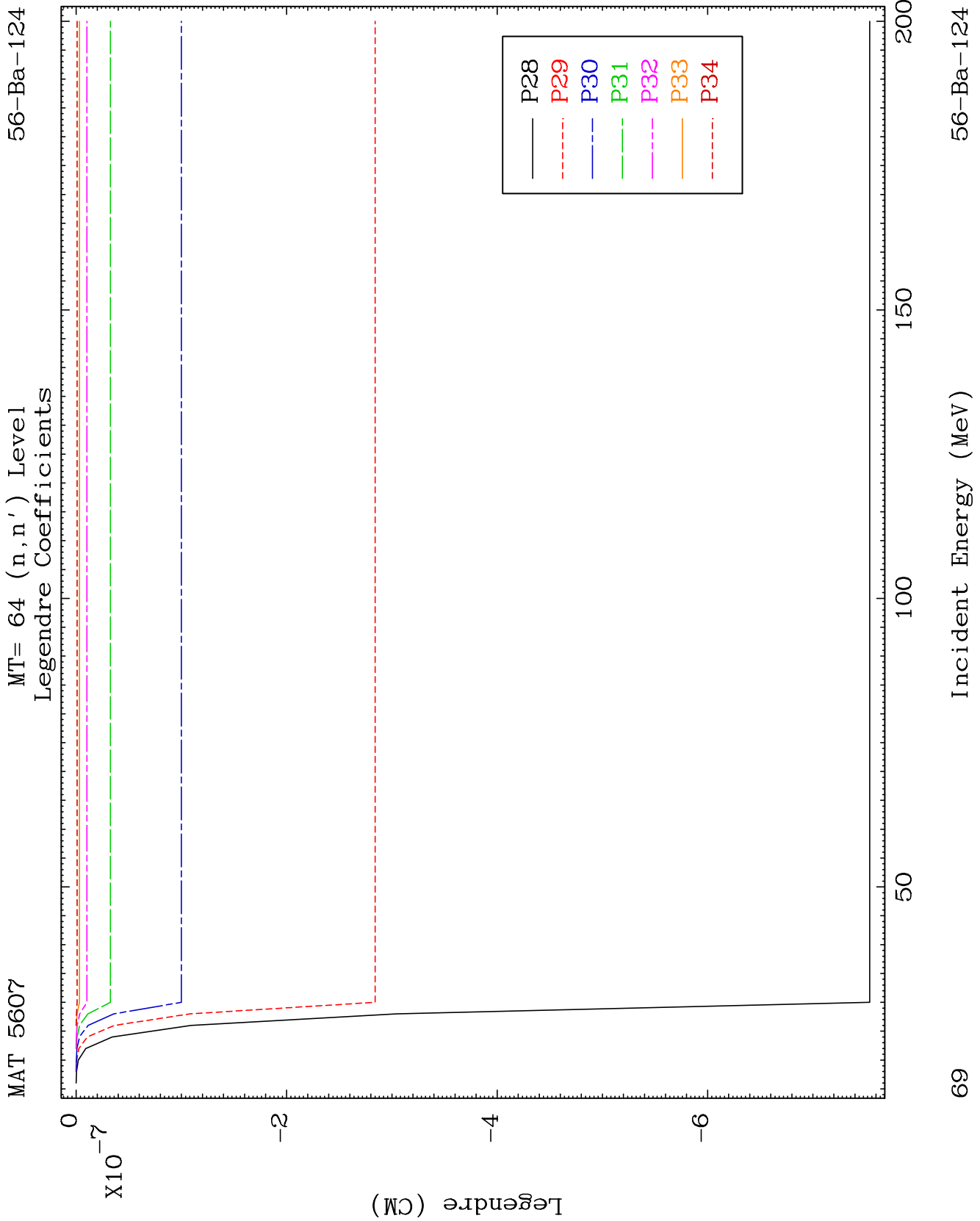
MAT 5607

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

56-Ba-124



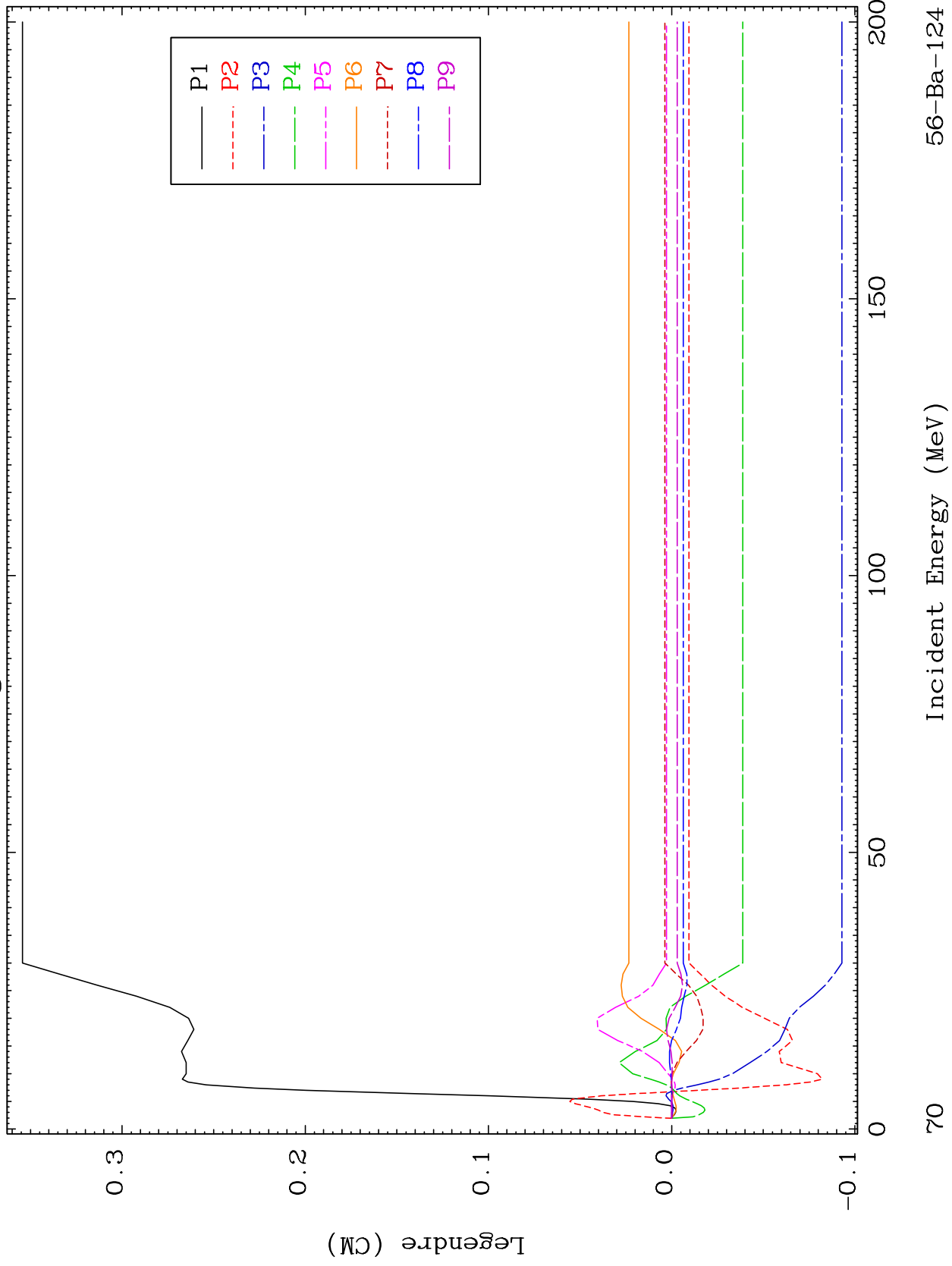
68



MAT 5607

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

56-Ba-124



56-Ba-124

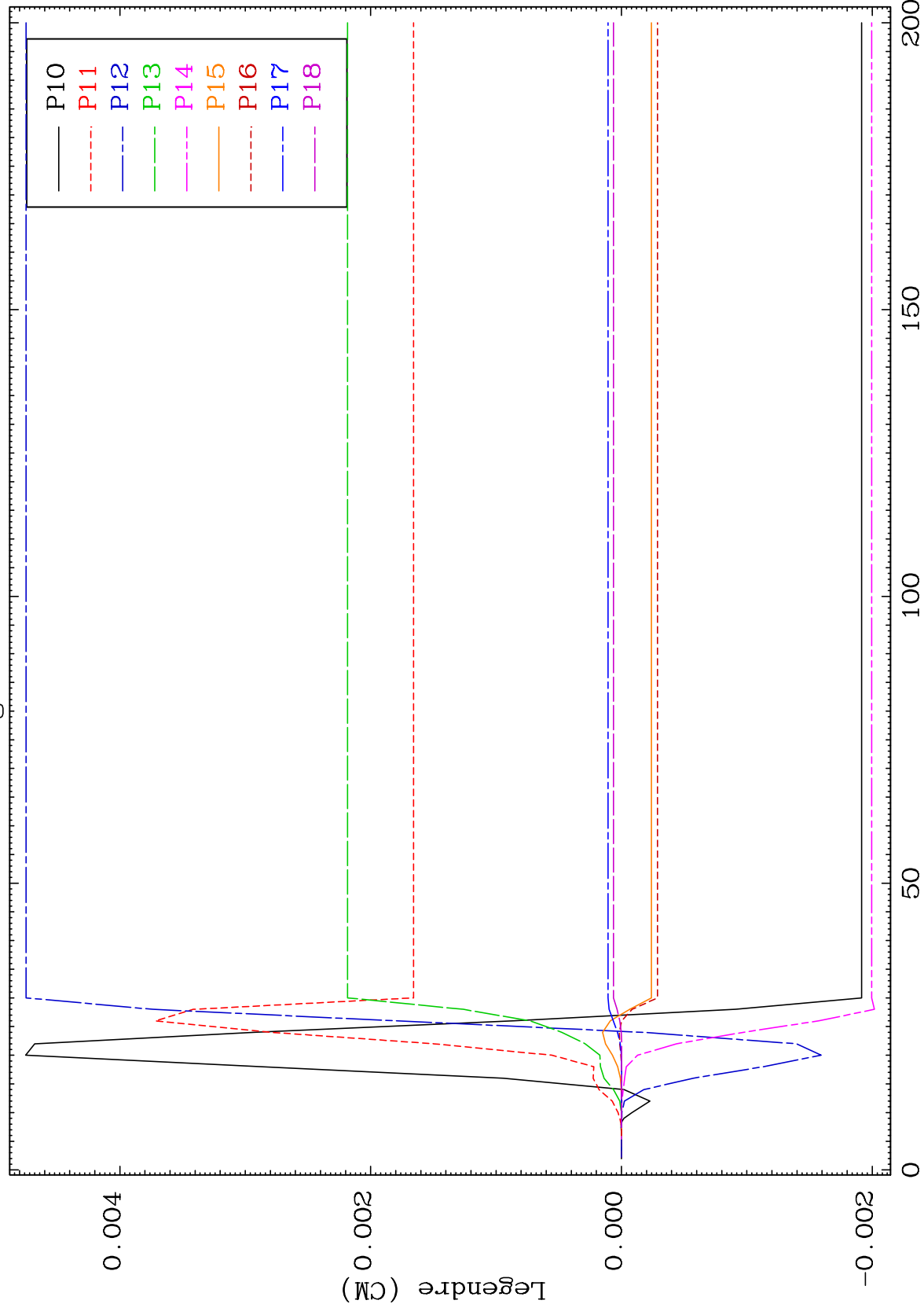
Incident Energy (MeV)

70

MAT 5607

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

56-Ba-124



71

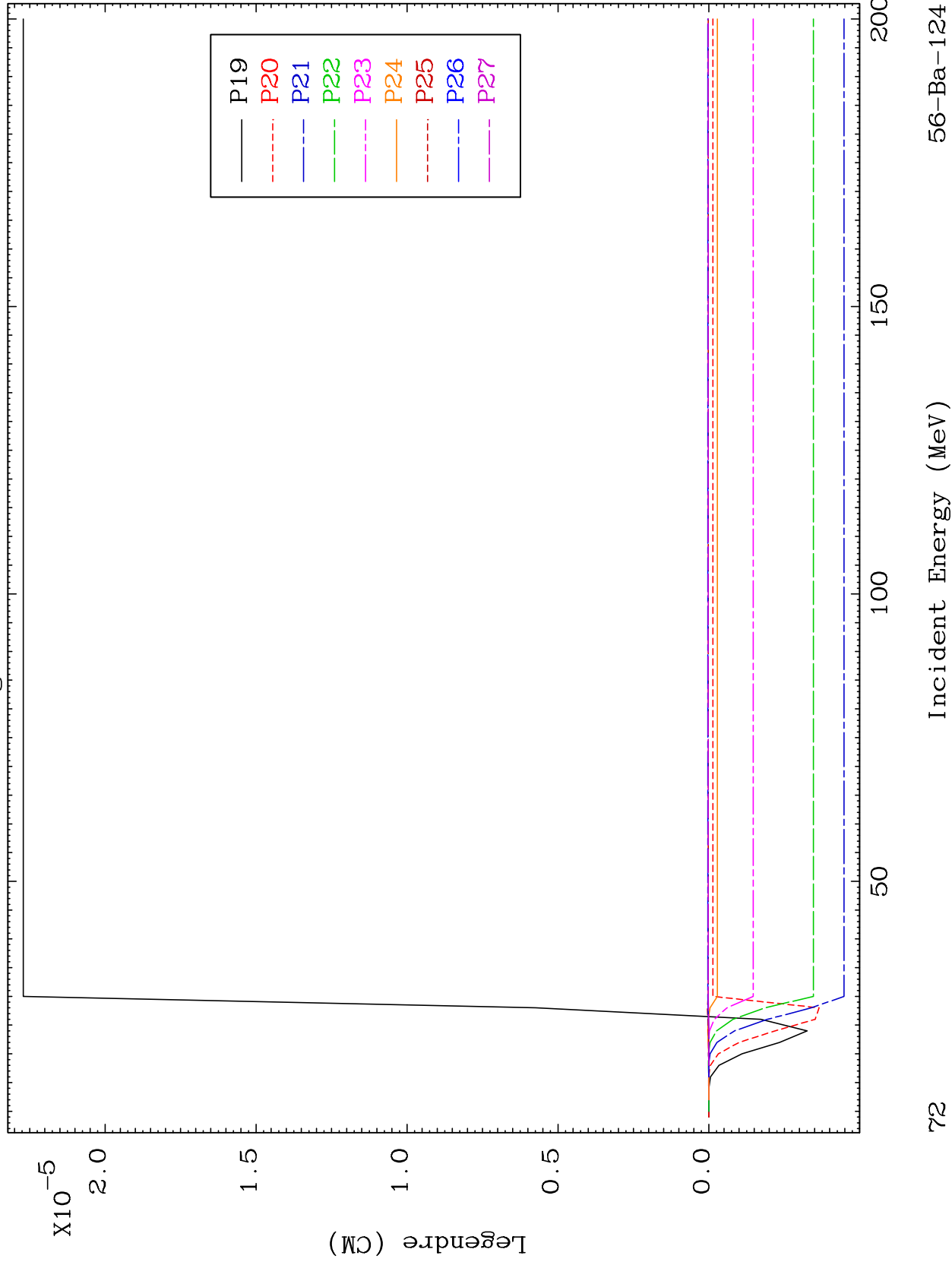
Incident Energy (MeV)

56-Ba-124

MAT 5607

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

56-Ba-124



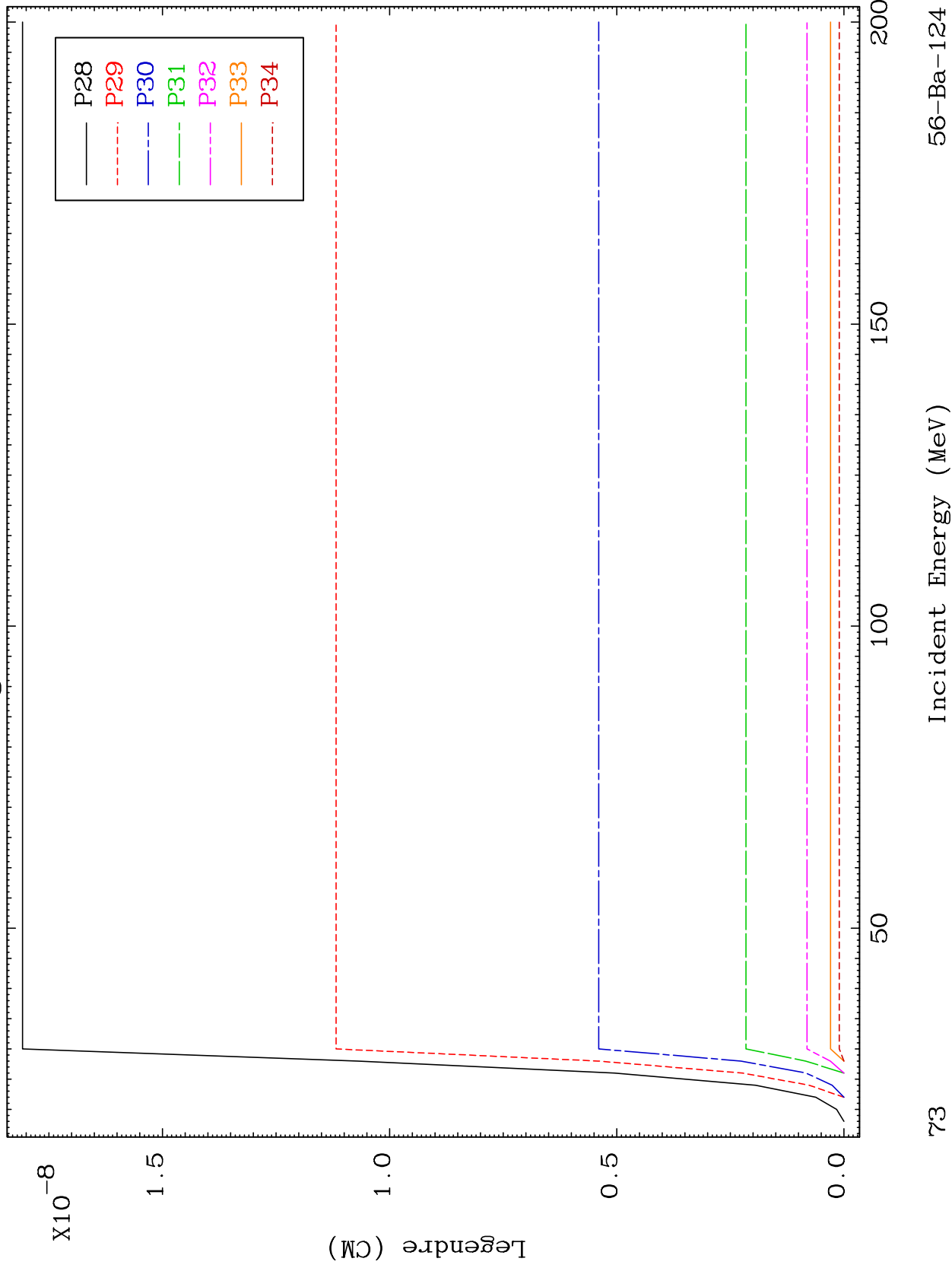
72

56-Ba-124

MAT 5607

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

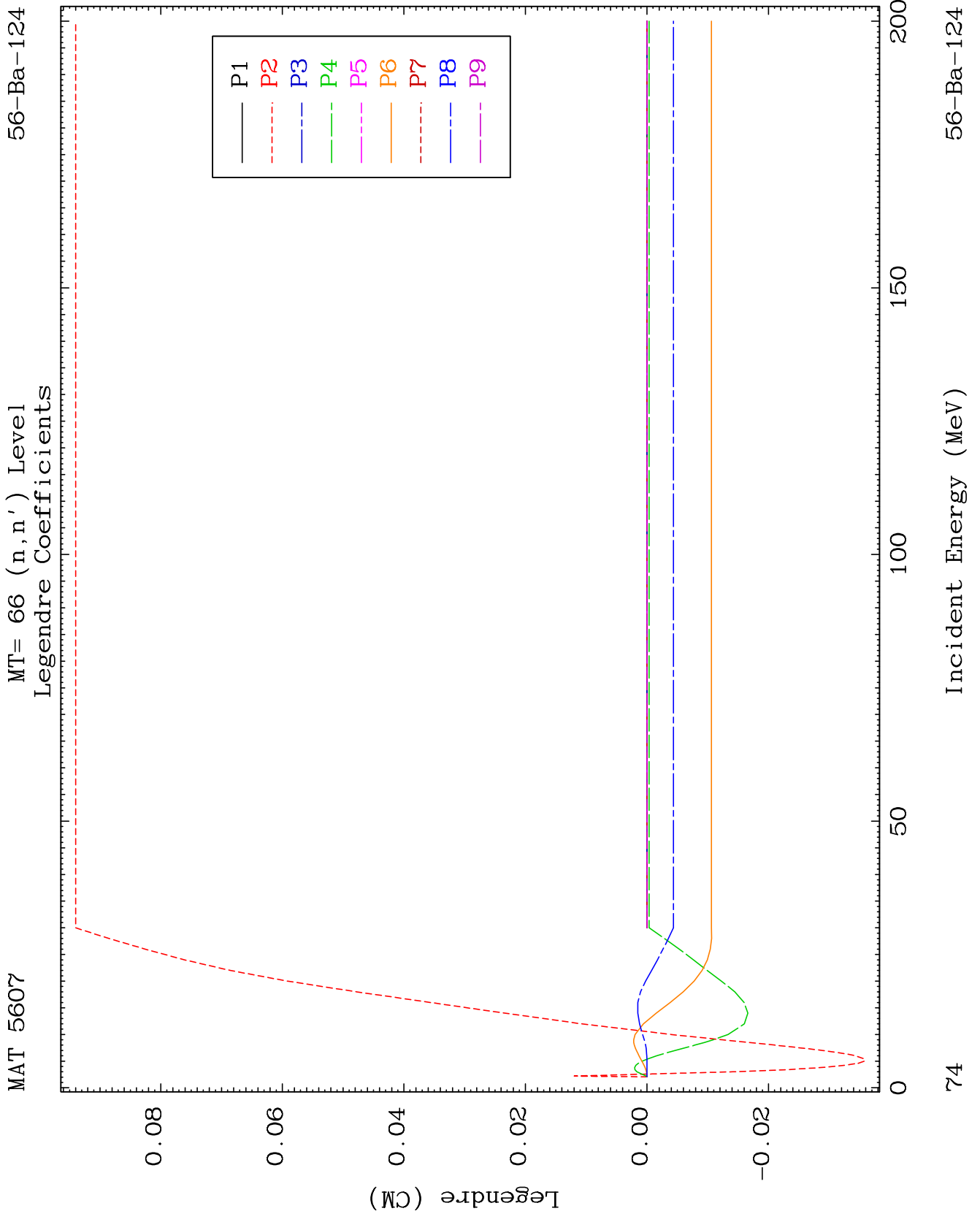
56-Ba-124



73

Incident Energy (MeV)

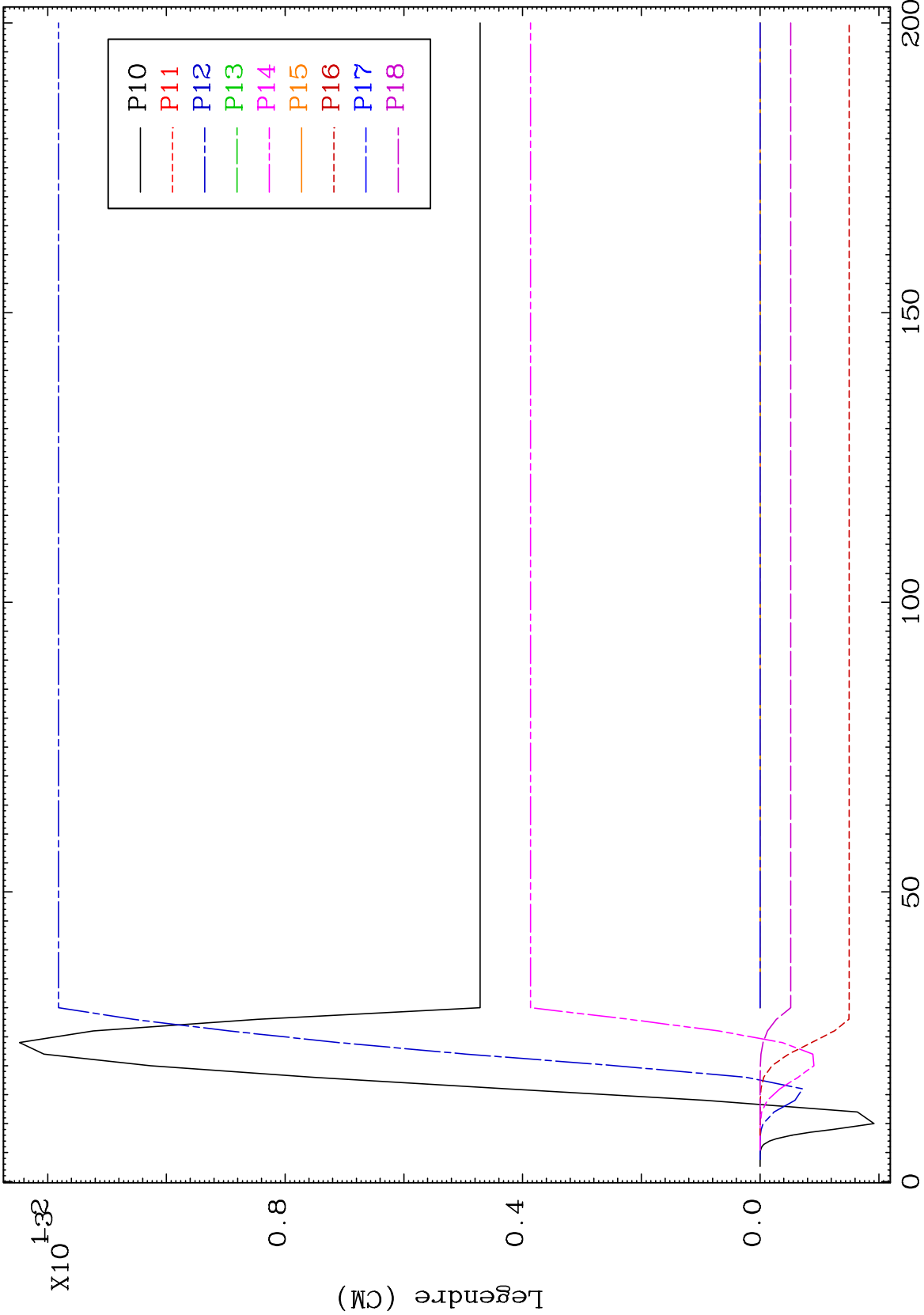
56-Ba-124



MAT 5607

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

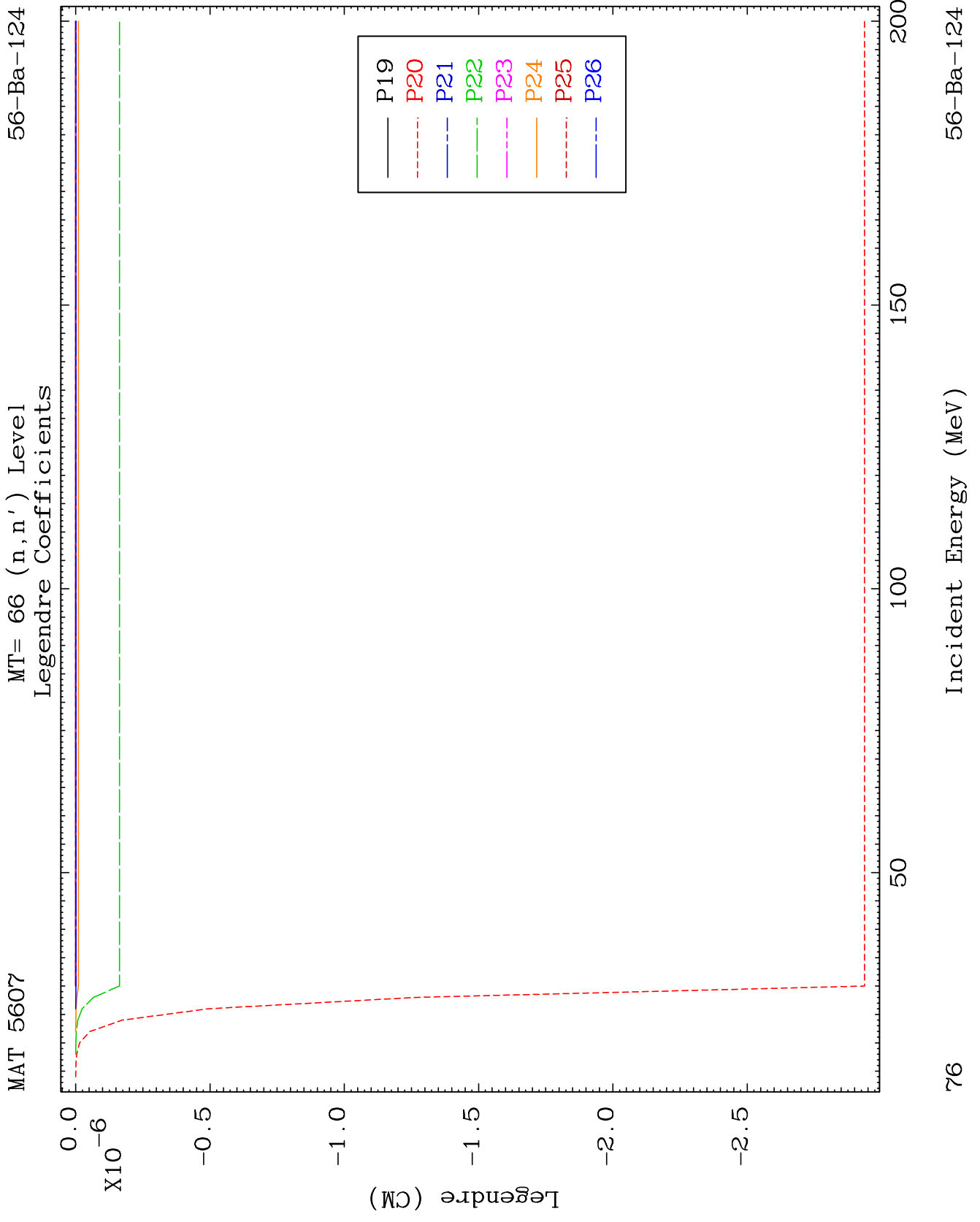
56-Ba-124



75

Incident Energy (MeV)

56-Ba-124

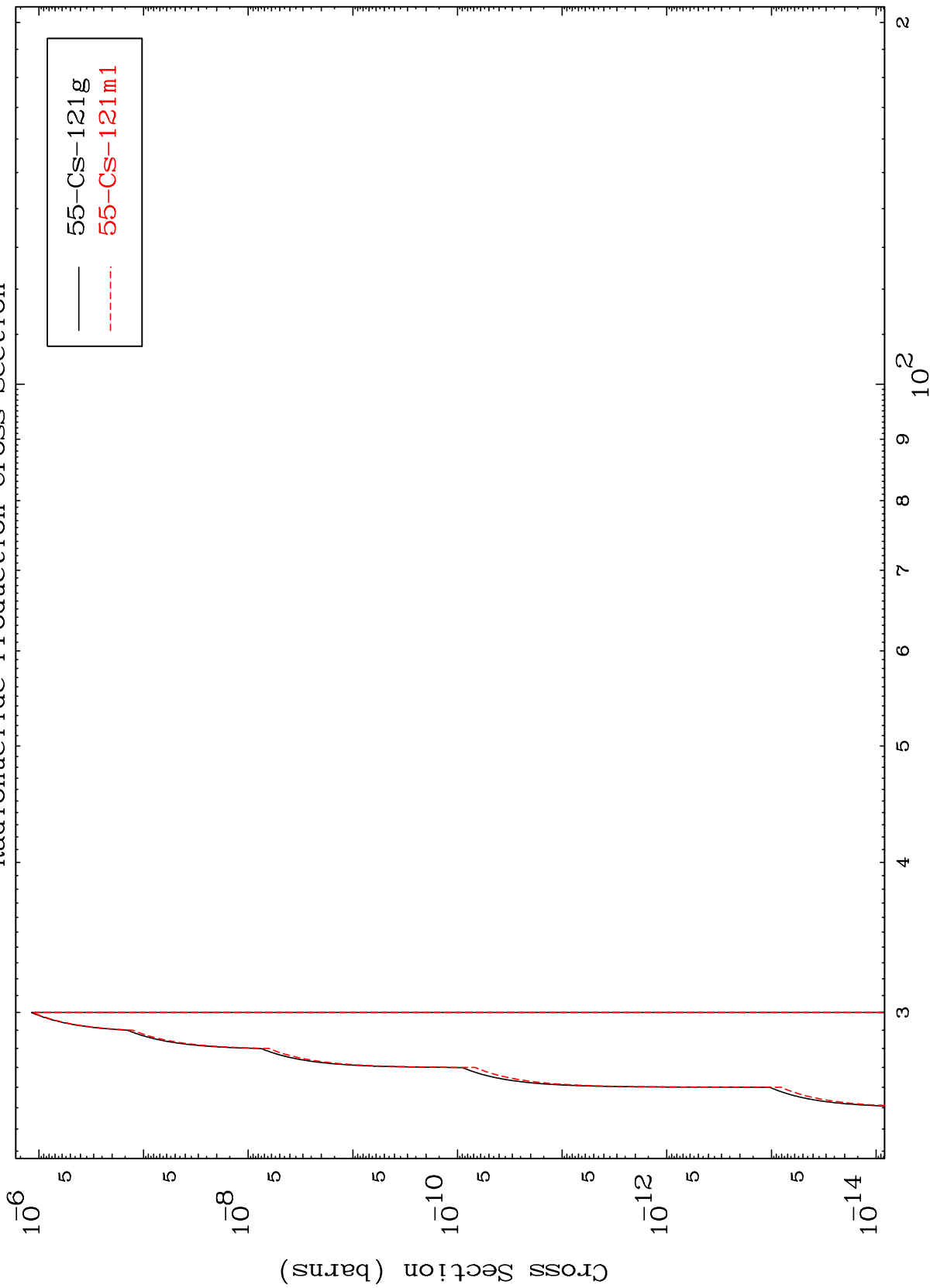


MAT 5607

(n,2n) d

56-Ba-124

Radionuclide Production Cross Section



77

Incident Energy (MeV)

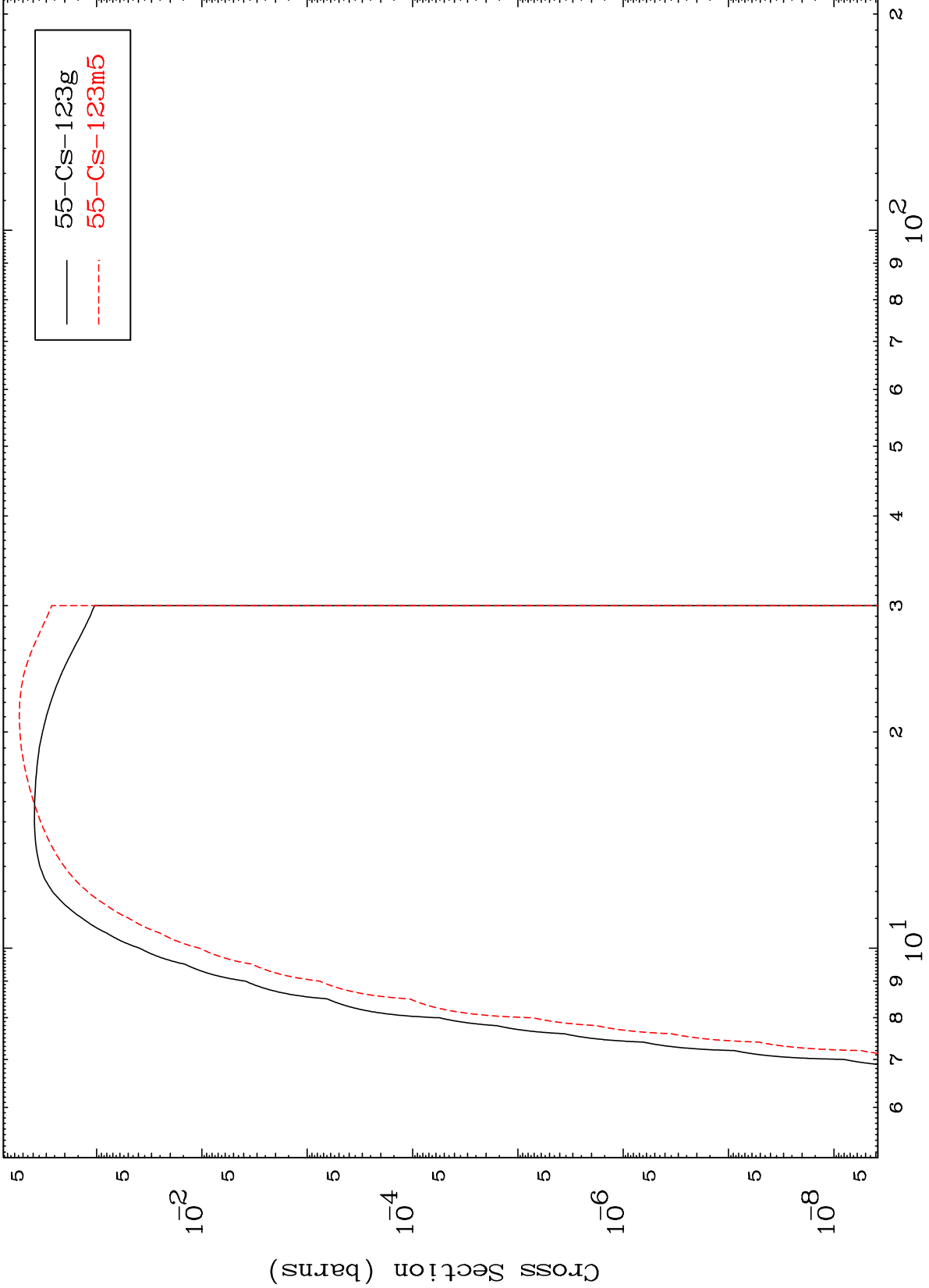
56-Ba-124

MAT 5607

(n,n') p

56-Ba-124

Radionuclide Production Cross Section



78

Incident Energy (MeV)

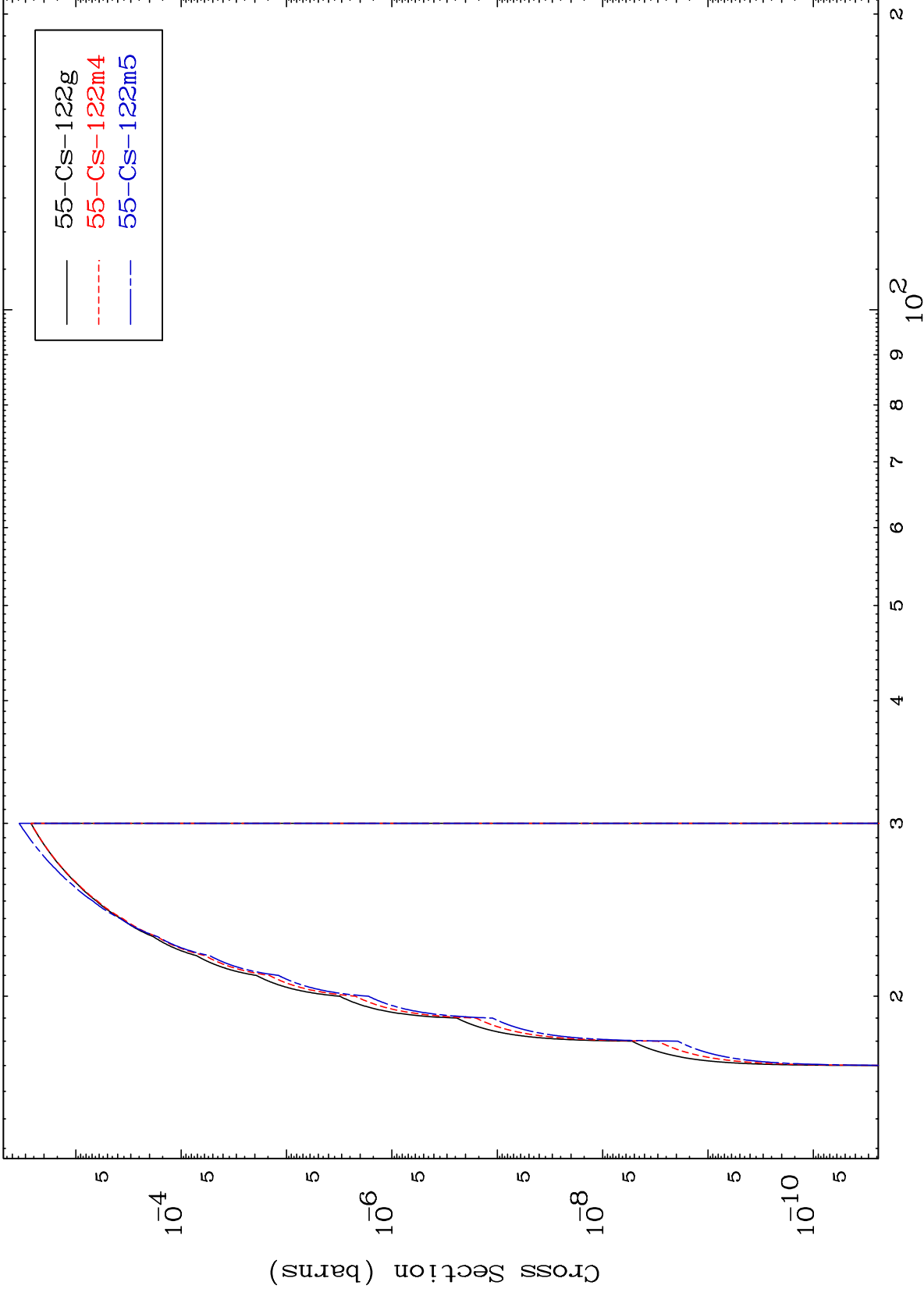
56-Ba-124

MAT 5607

(n,n') d

56-Ba-124

Radionuclide Production Cross Section



79

Incident Energy (MeV)

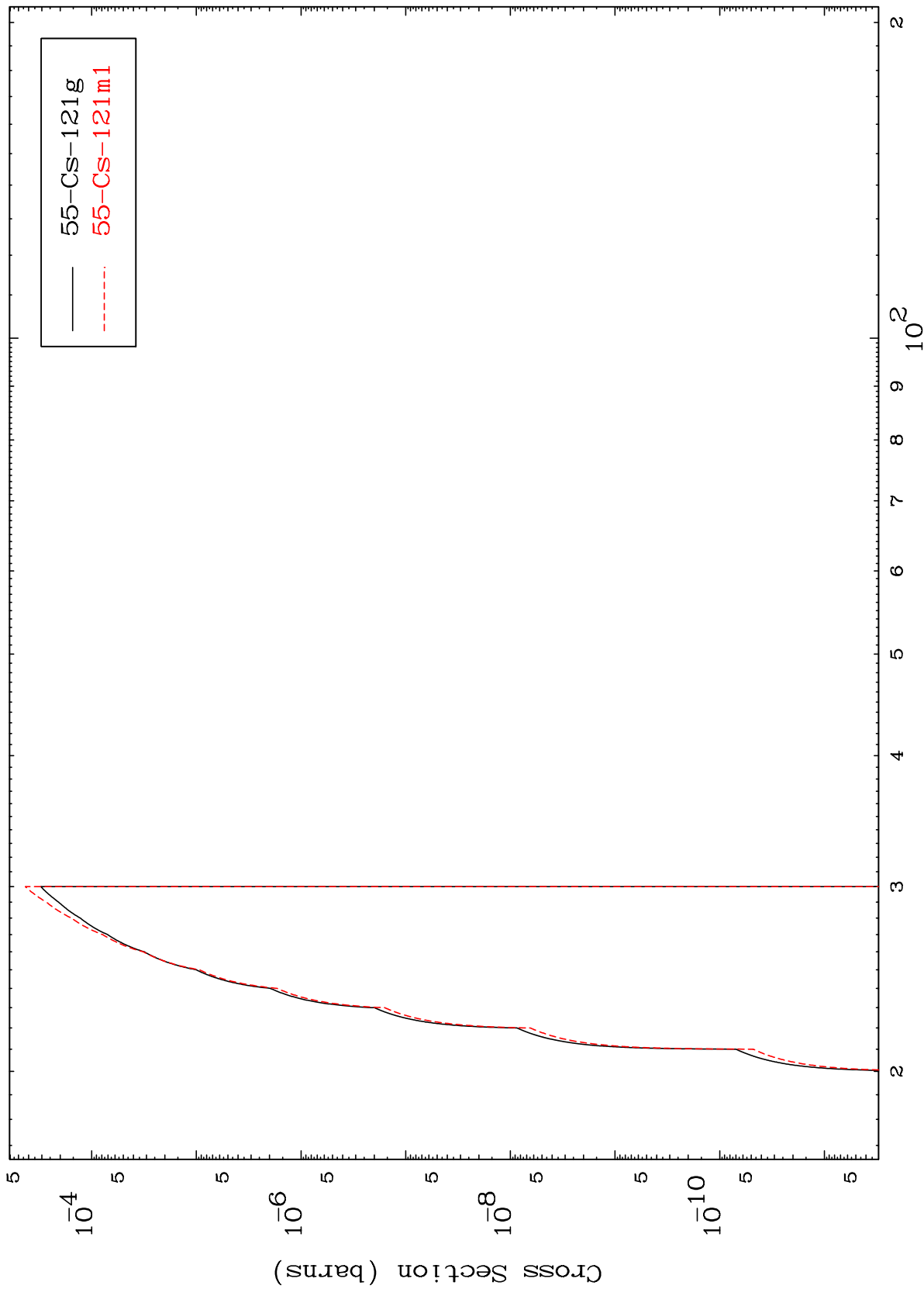
56-Ba-124

MAT 5607

(n,n') t

56-Ba-124

Radionuclide Production Cross Section

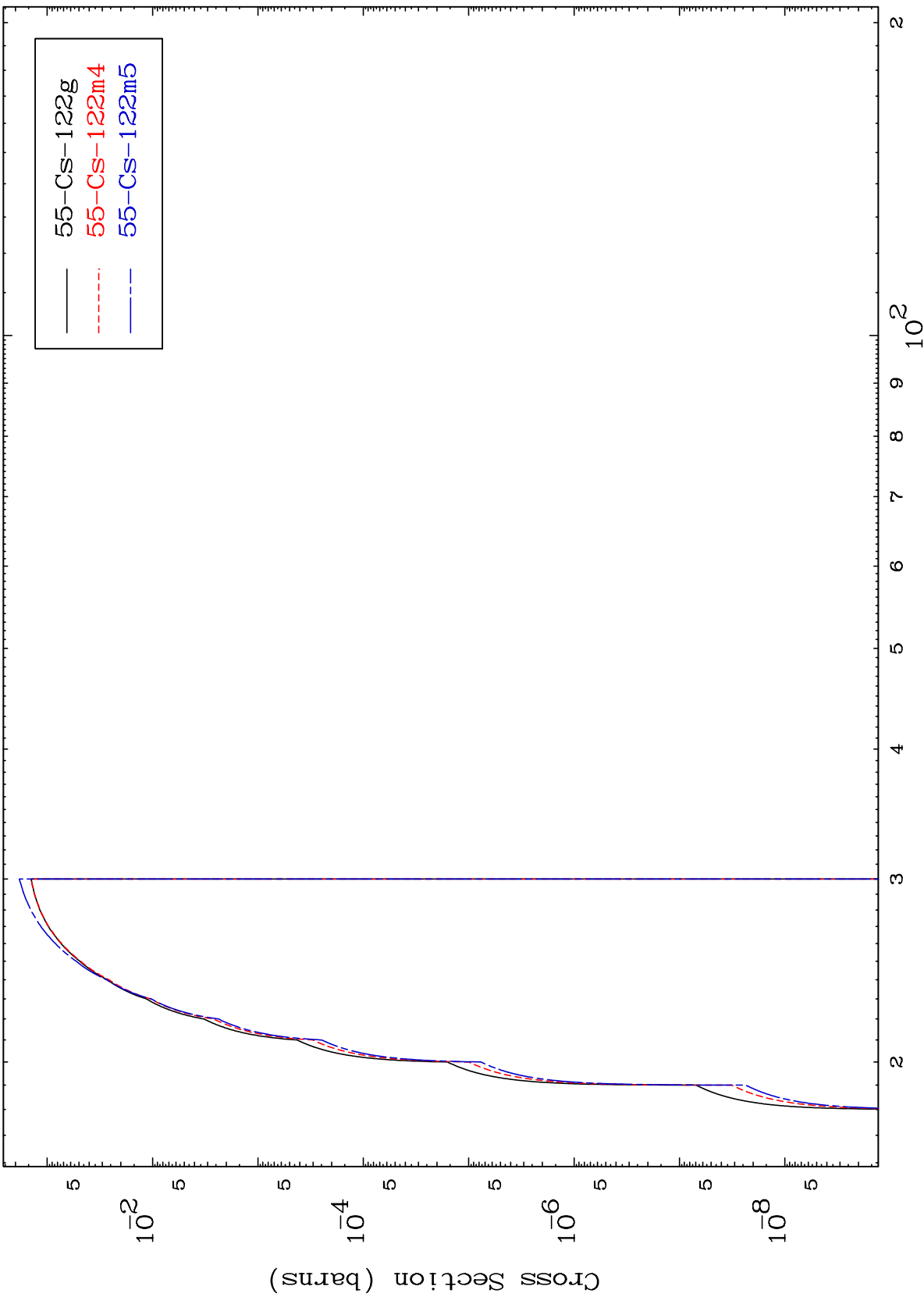


80

Incident Energy (MeV)

56-Ba-124

Radionuclide Production Cross Section

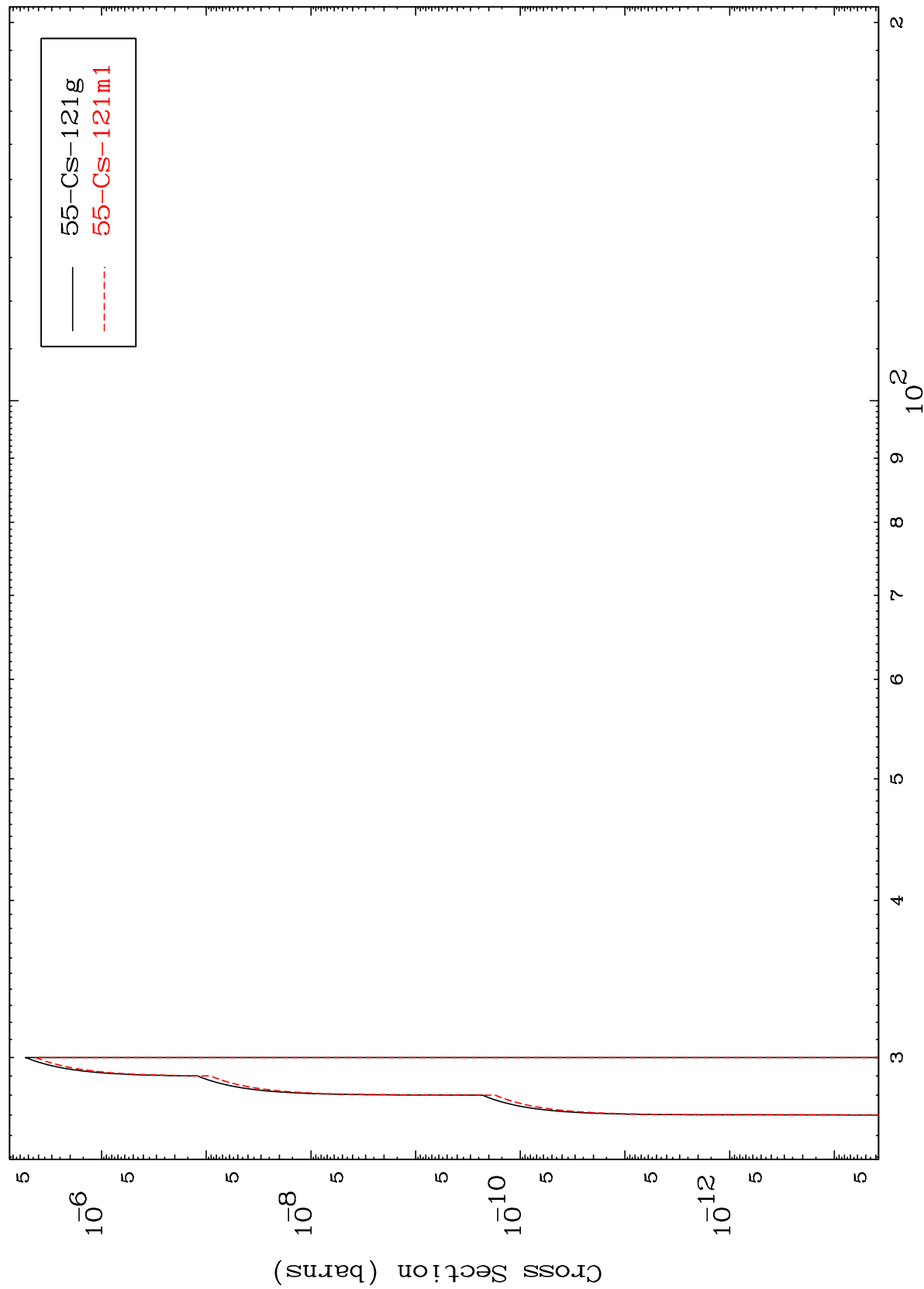


MAT 5607

(n,3n) p

56-Ba-124

Radionuclide Production Cross Section



82

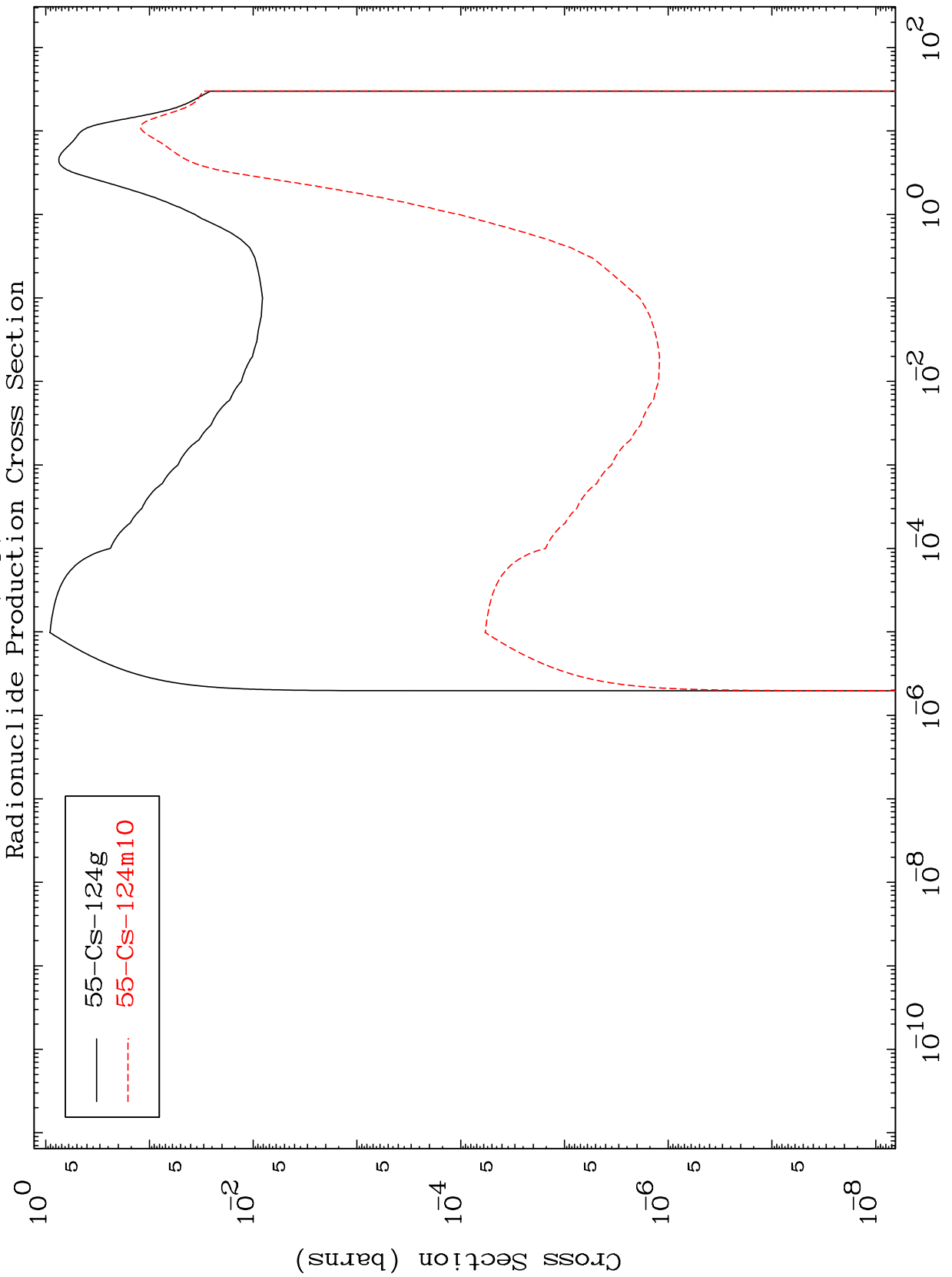
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,p)
Radionuclide Production Cross Section



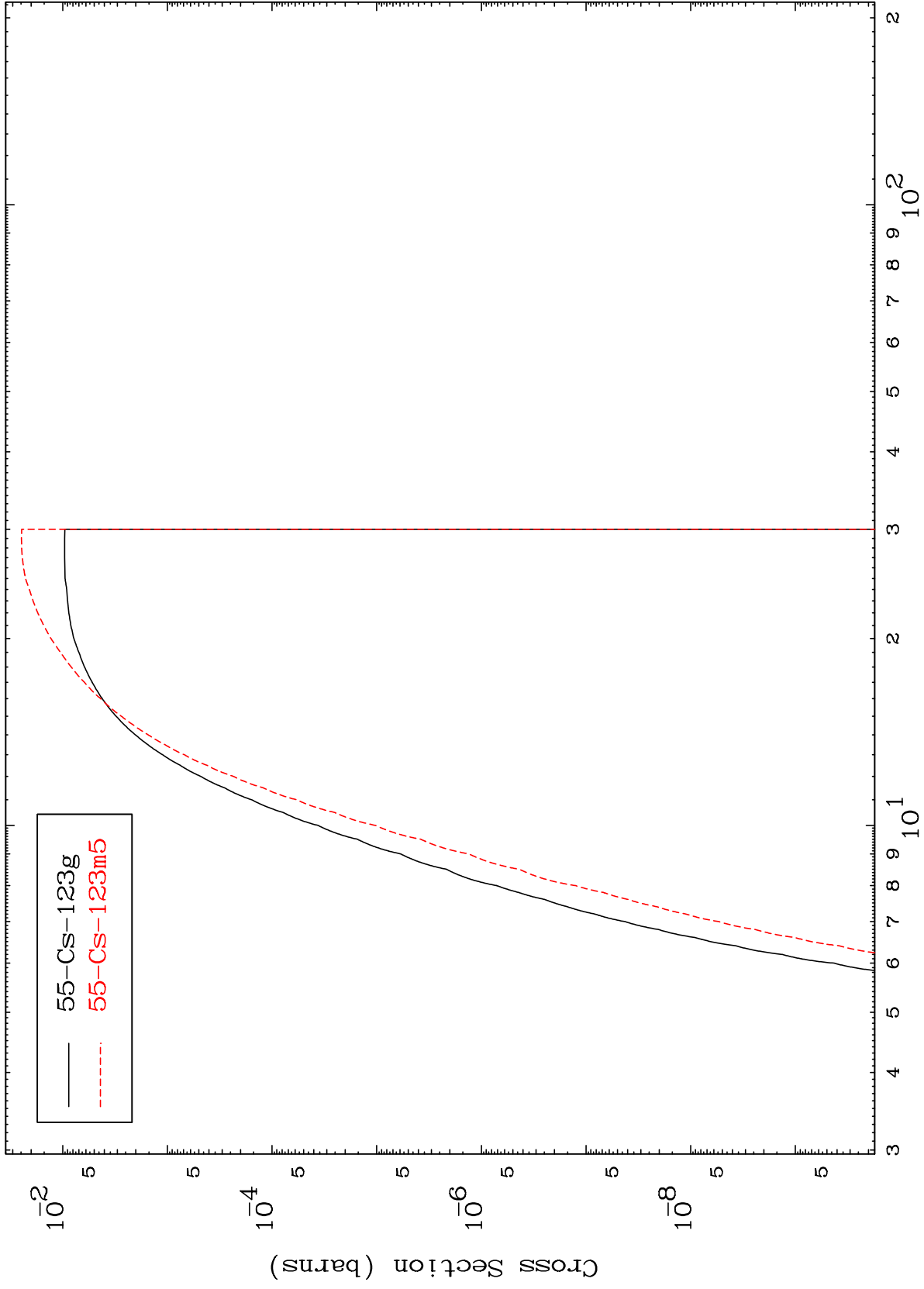
83

56-Ba-124

MAT 5607

56-Ba-124

(n,d)
Radionuclide Production Cross Section



84

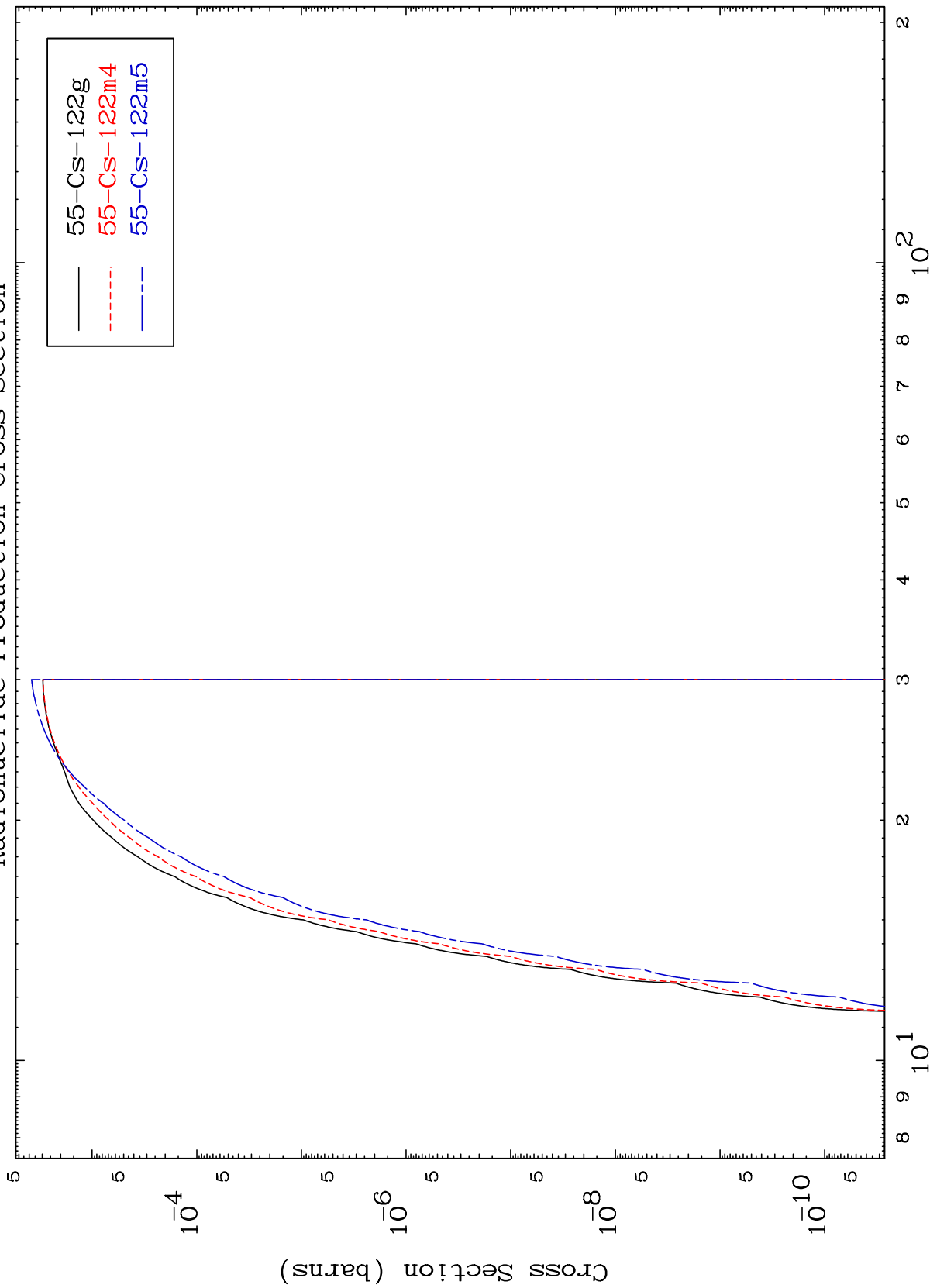
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

(n,t)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

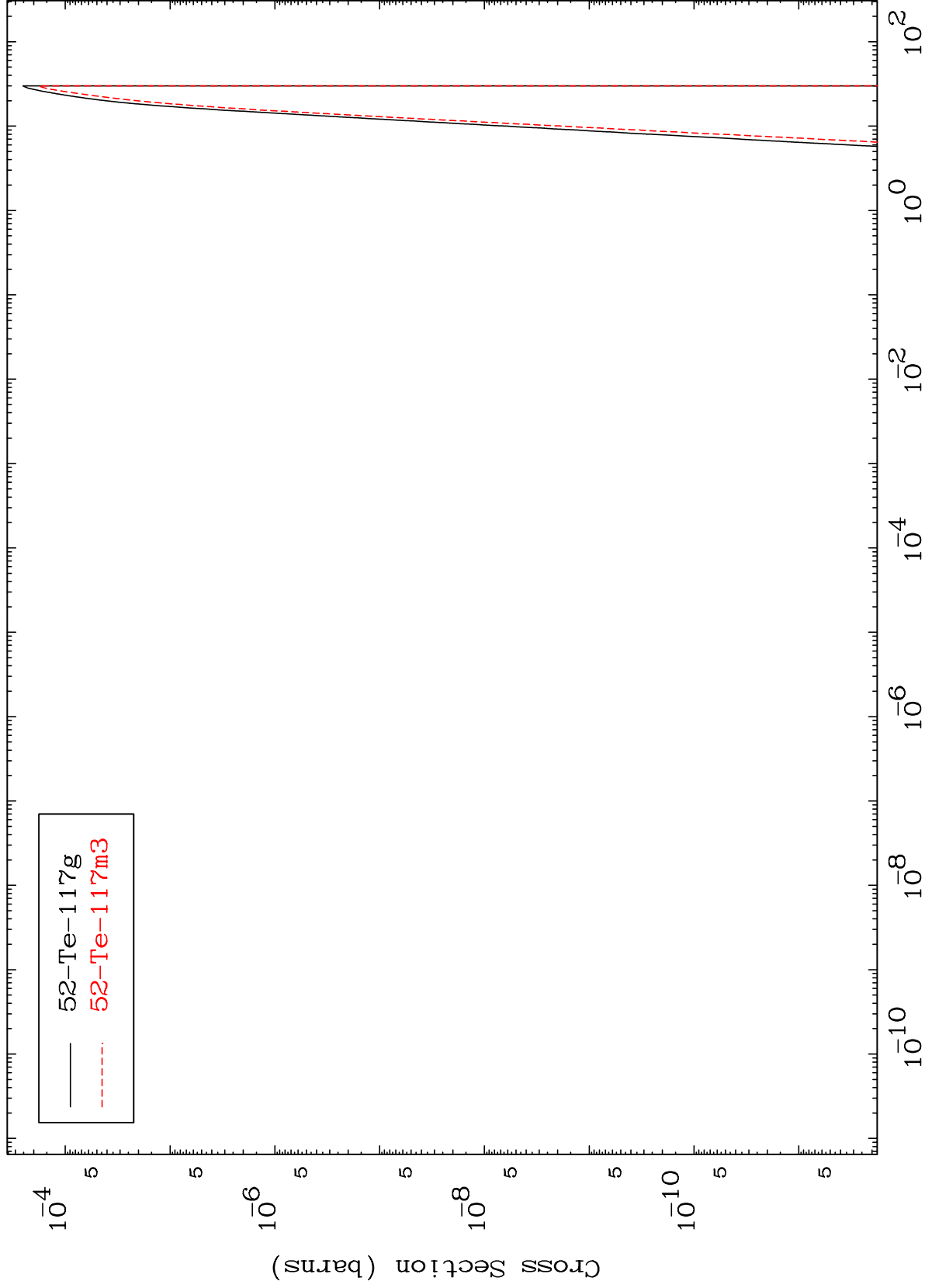
56-Ba-124

MAT 5607

(n,2α)

56-Ba-124

Radionuclide Production Cross Section



86

Incident Energy (MeV)

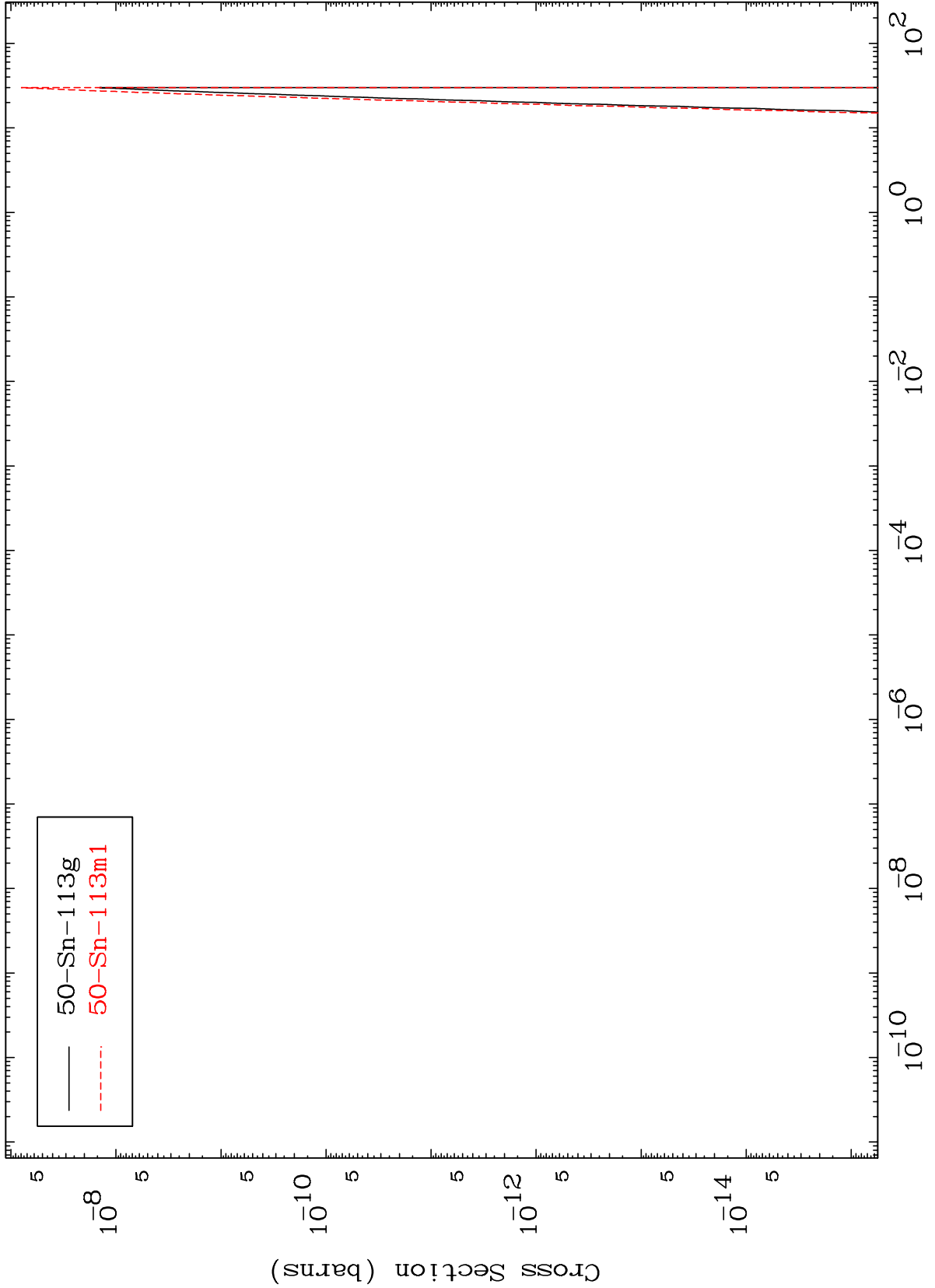
56-Ba-124

MAT 5607

(n, 3α)

56-Ba-124

Radionuclide Production Cross Section



MAT 5607

(n,p) α

56-Ba-124

Radionuclide Production Cross Section

