

Program EVALPLOT
(Version 2017-1)

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

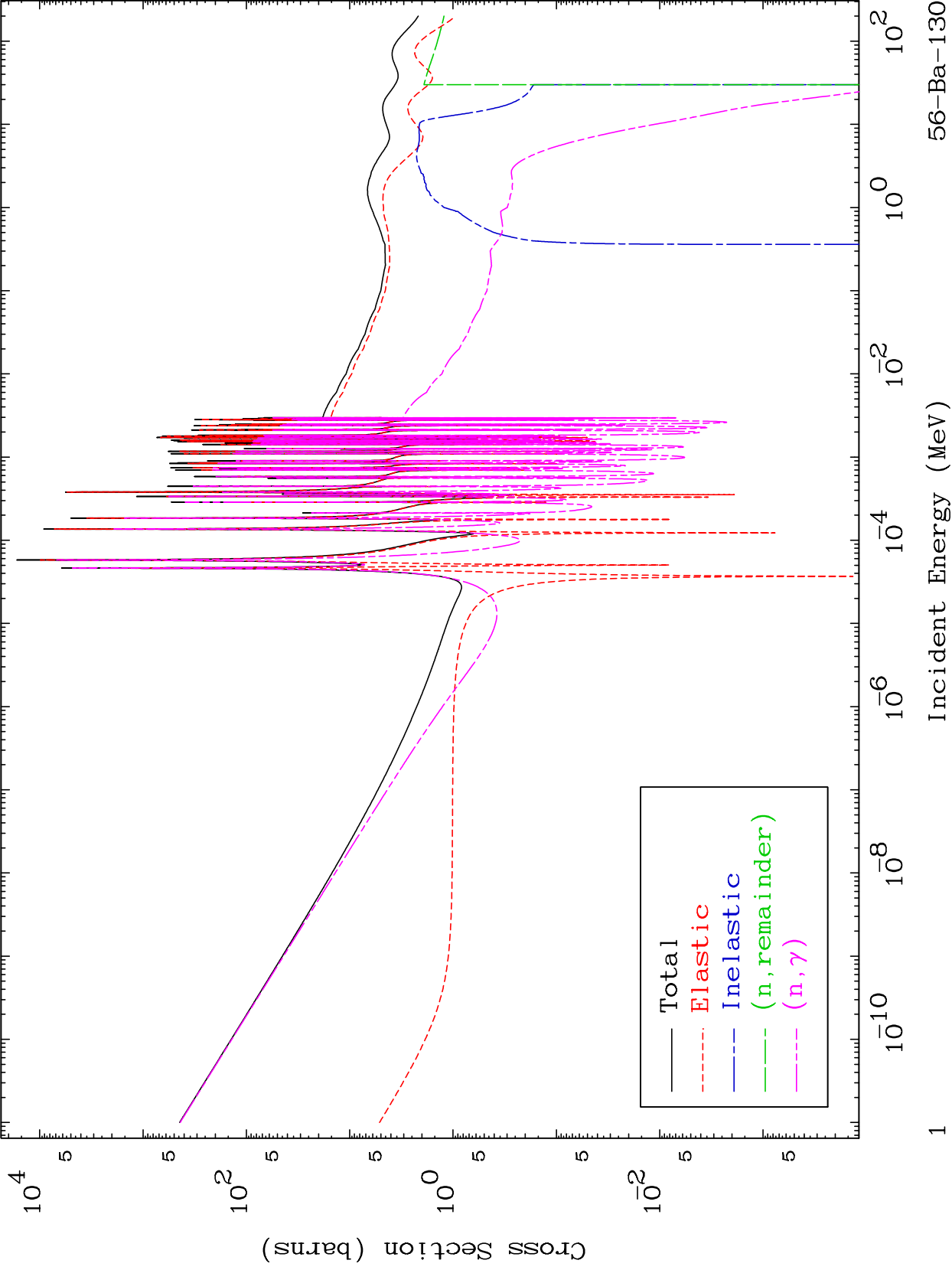
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5625

Major
293 Kelvin Cross Sections

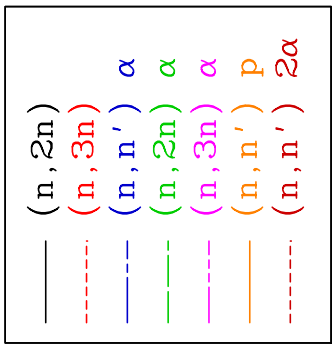
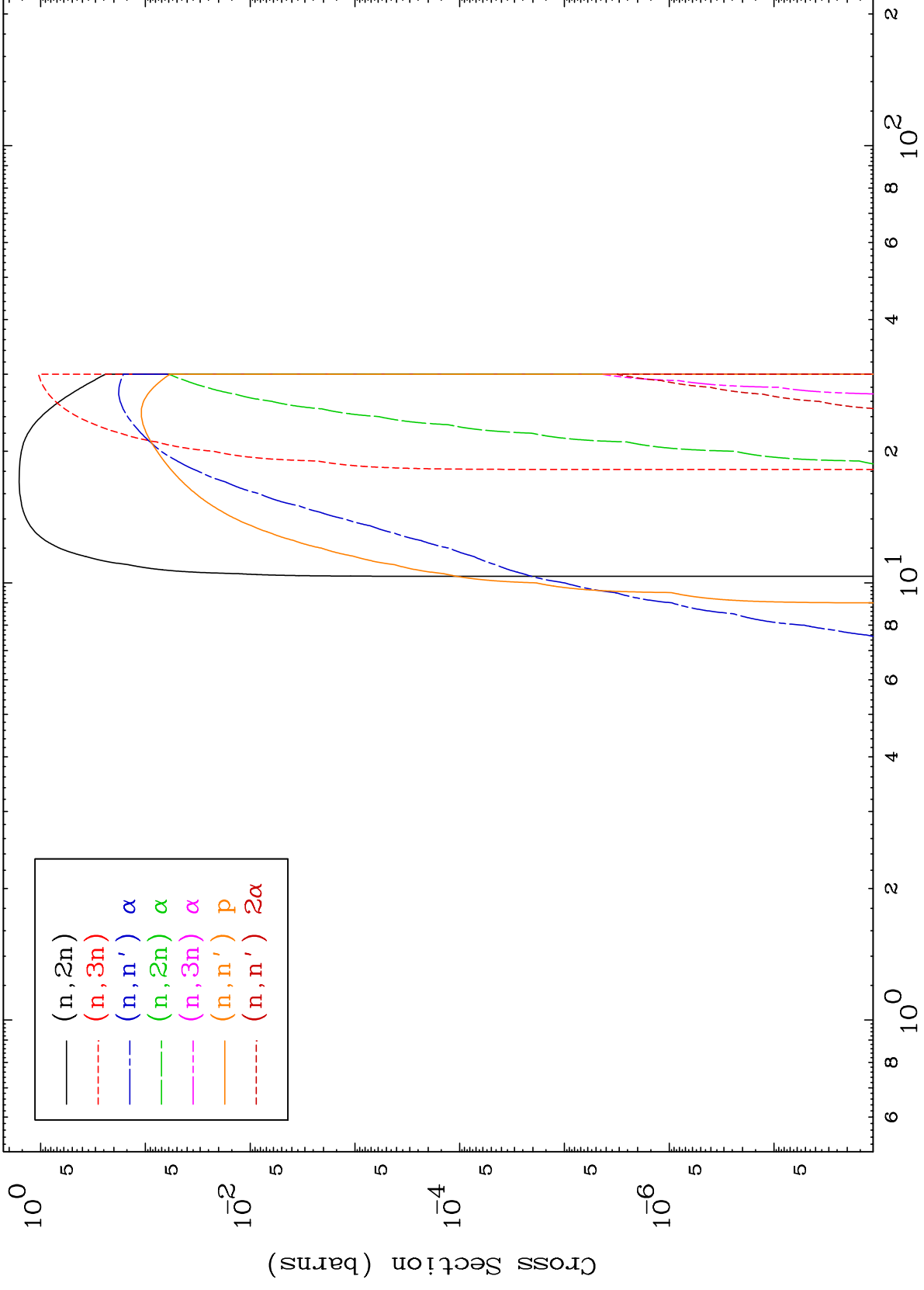
56-Ba-130

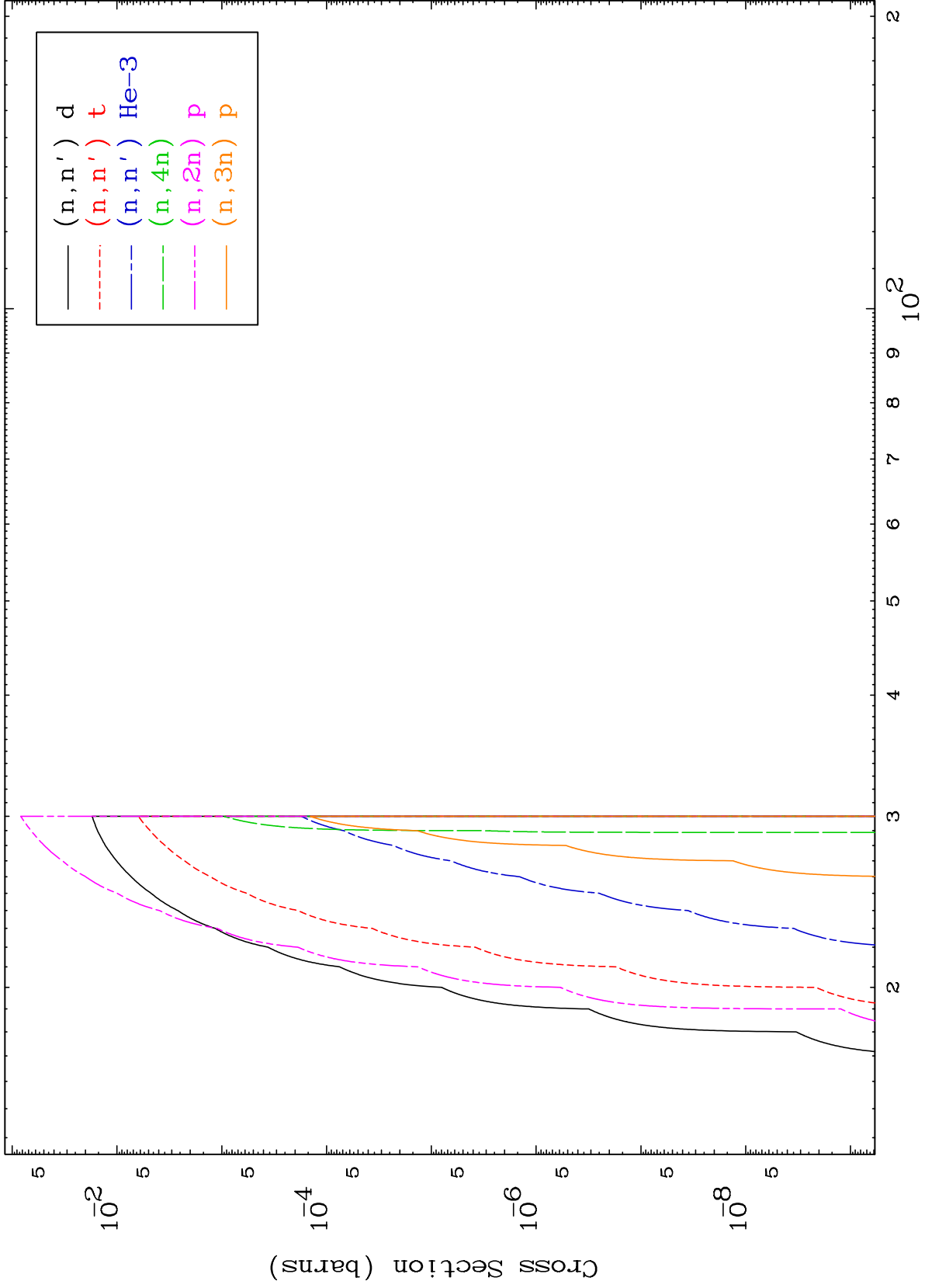


MAT 5625

Neutron Production
293 Kelvin Cross Sections

56-Ba-130

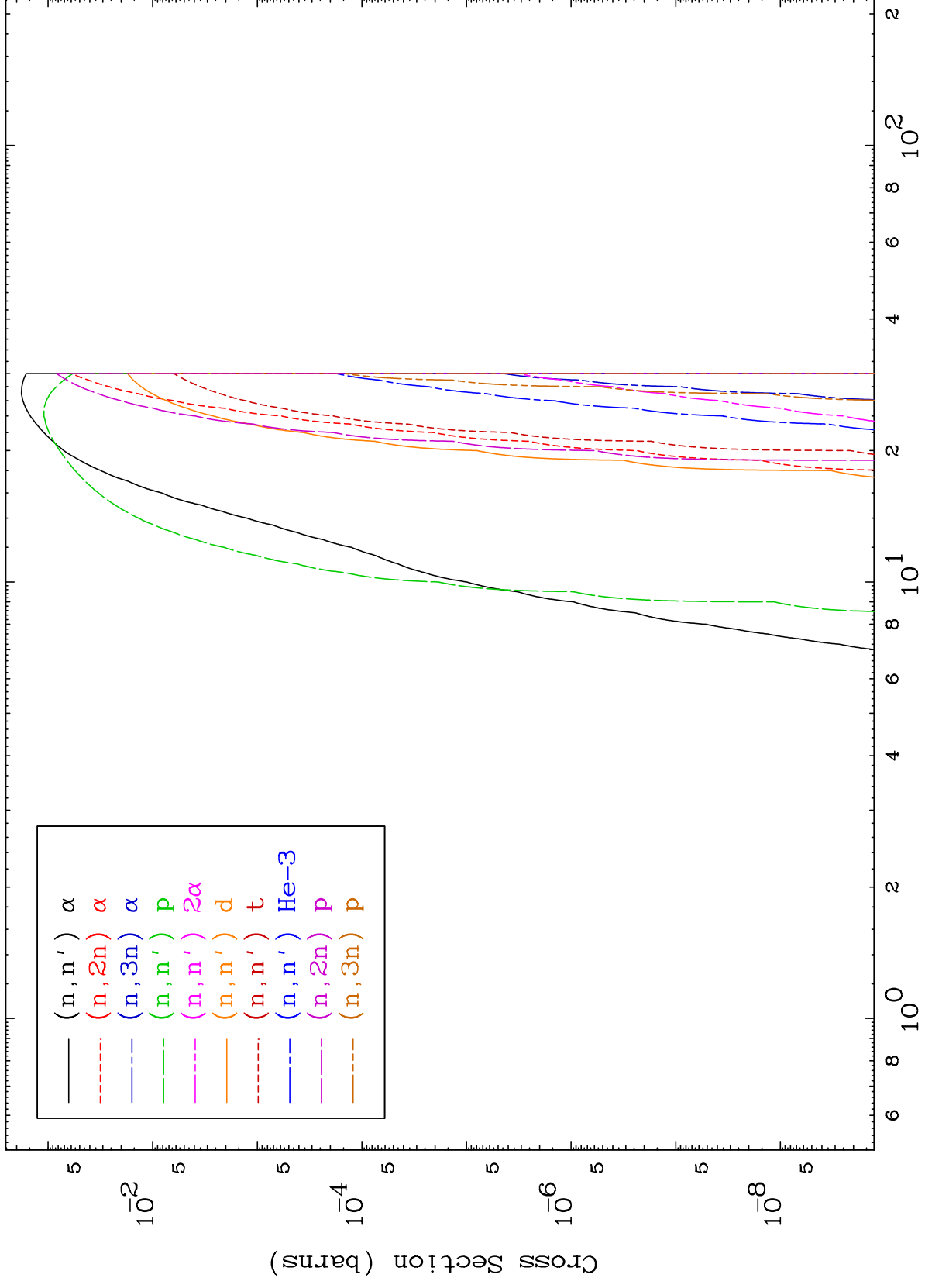




MAT 5625

Charged Particle
293 Kelvin Cross Sections

56-Ba-130



—	(n, n')	α
- - -	(n, 2n)	α
- · -	(n, 3n)	α
- · -	(n, n')	p
- · -	(n, n')	2 α
- · -	(n, n')	d
- · -	(n, n')	t
- · -	(n, n')	He-3
- · -	(n, 2n)	p
- · -	(n, 3n)	p

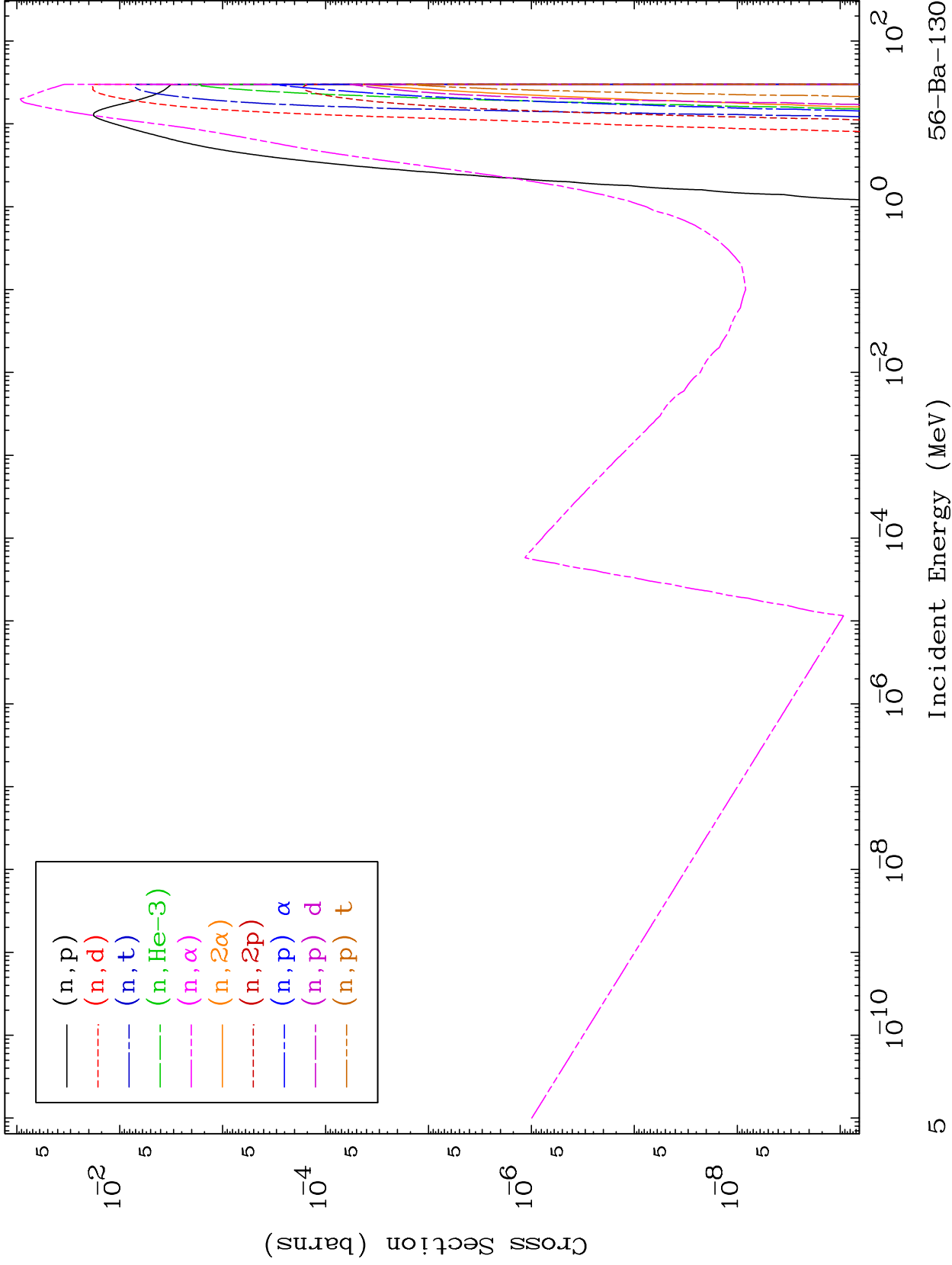
Incident Energy (MeV)

56-Ba-130

MAT 5625

Charged Particle
293 Kelvin Cross Sections

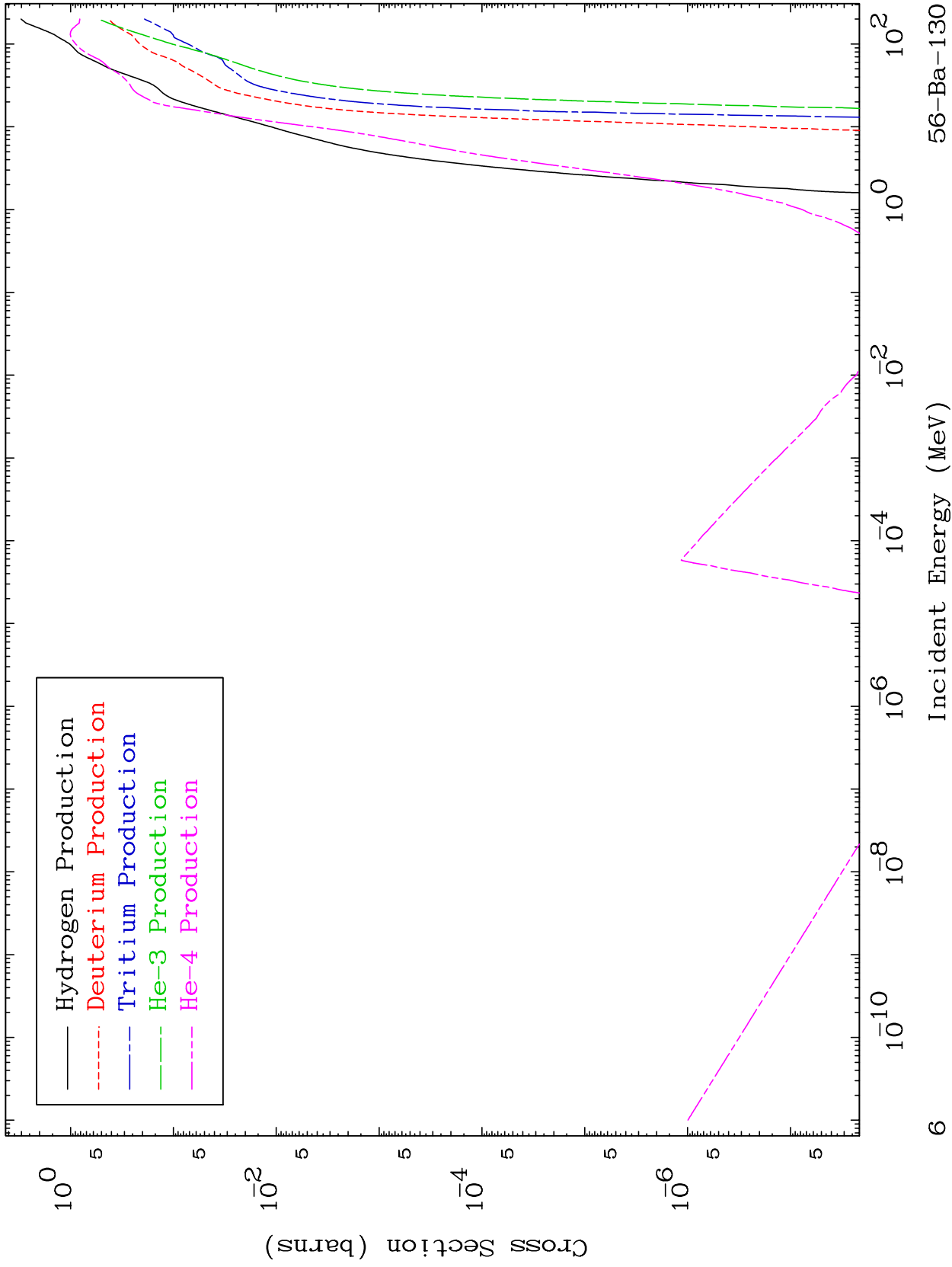
56-Ba-130



MAT 5625

Particle Production
293 Kelvin Cross Sections

56-Ba-130

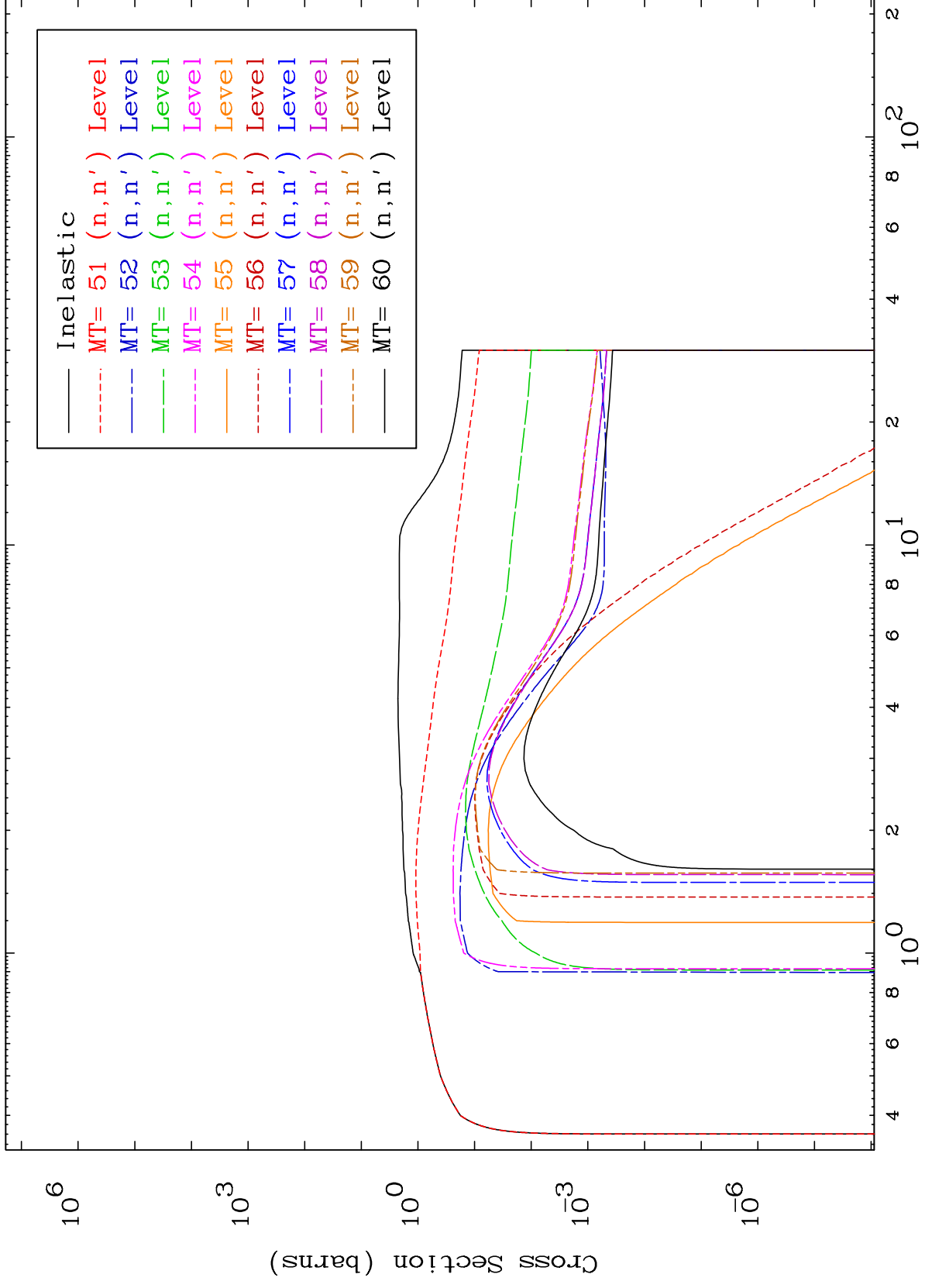


MAT 5625

(n,n') Level

56-Ba-130

293 Kelvin Cross Sections

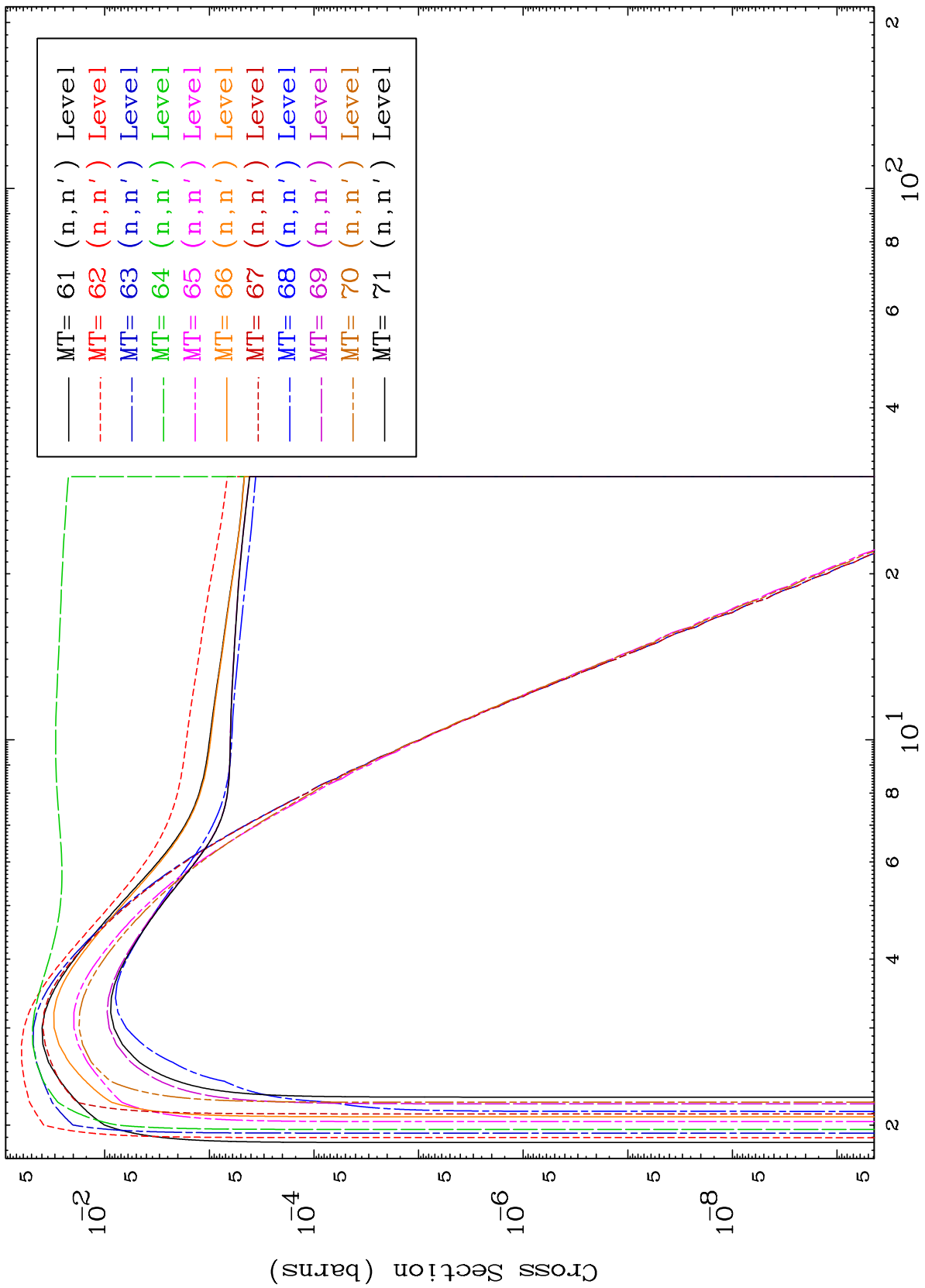


MAT 5625

(n,n') Level

56-Ba-130

293 Kelvin Cross Sections

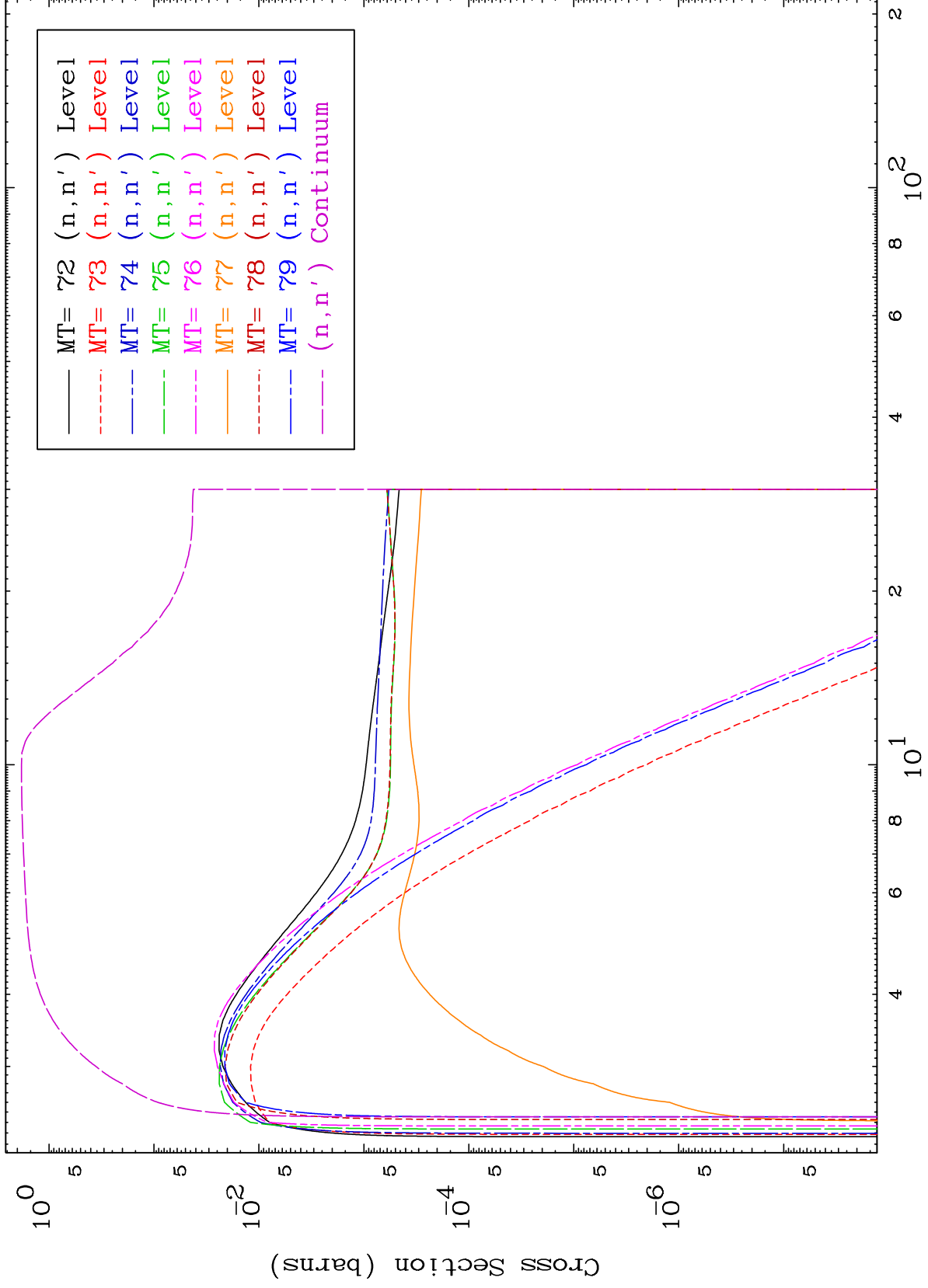


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Incident Energy (MeV)

56-Ba-130

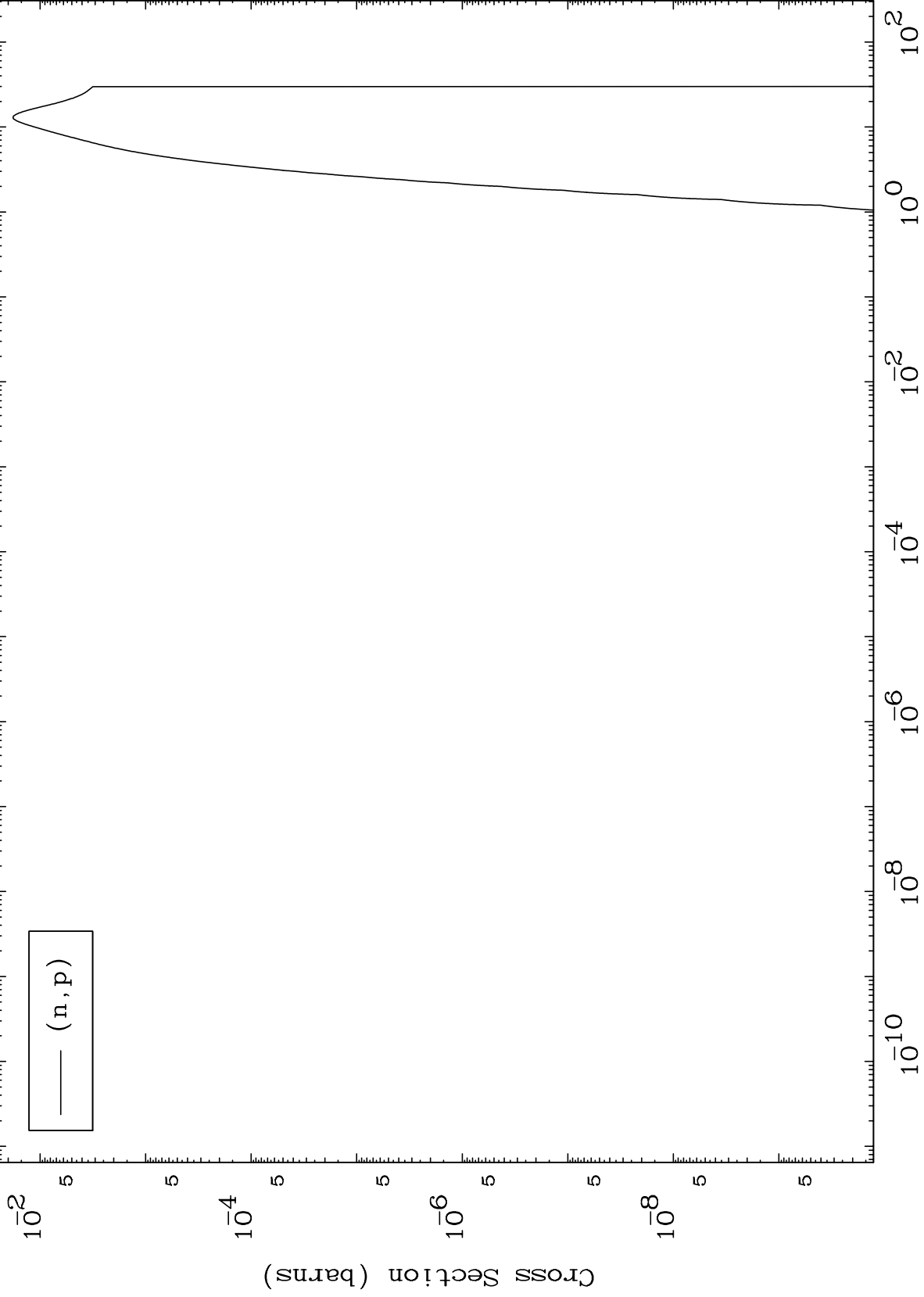
293 Kelvin Cross Sections



MAT 5625

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-130



10

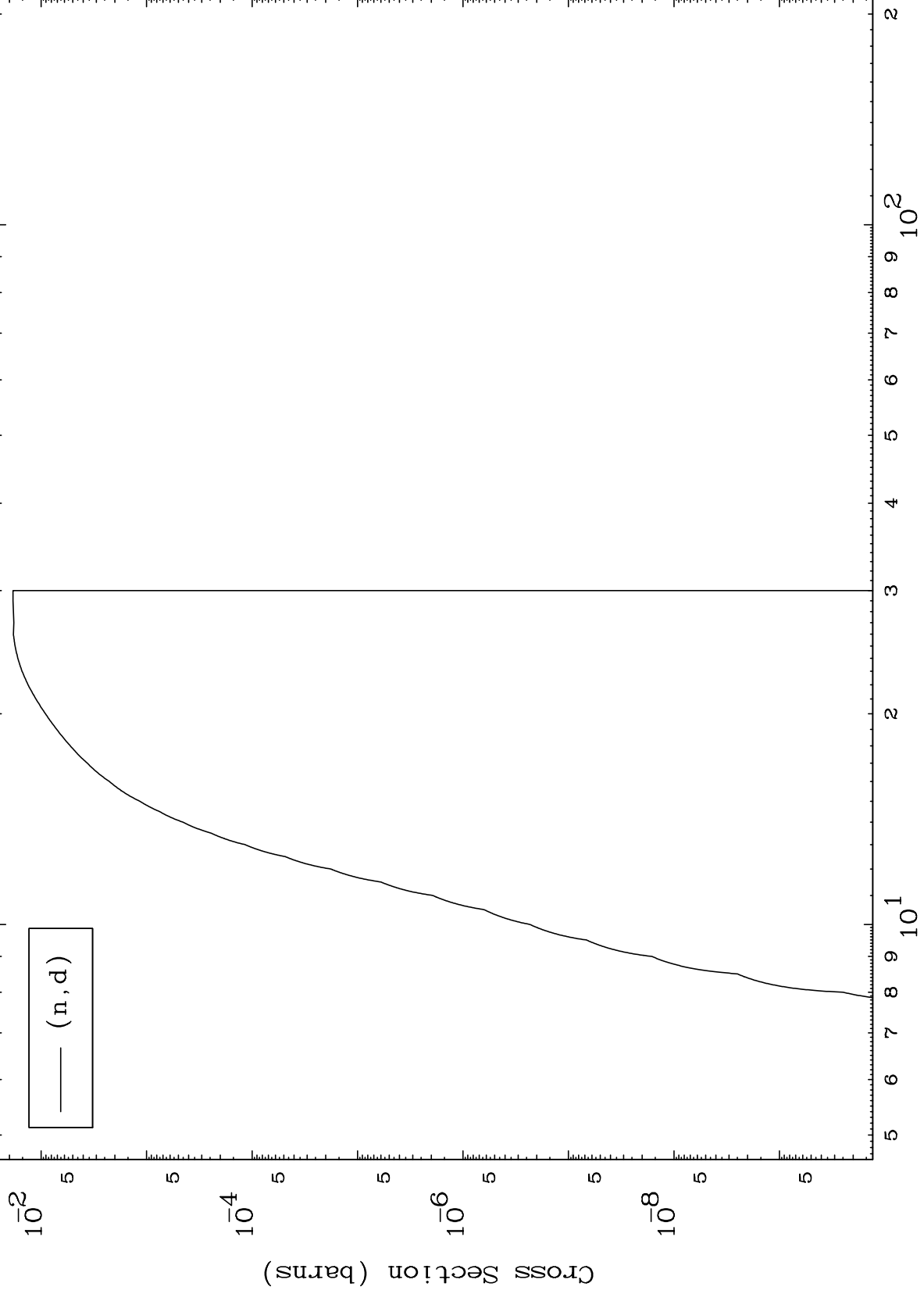
Incident Energy (MeV)

56-Ba-130

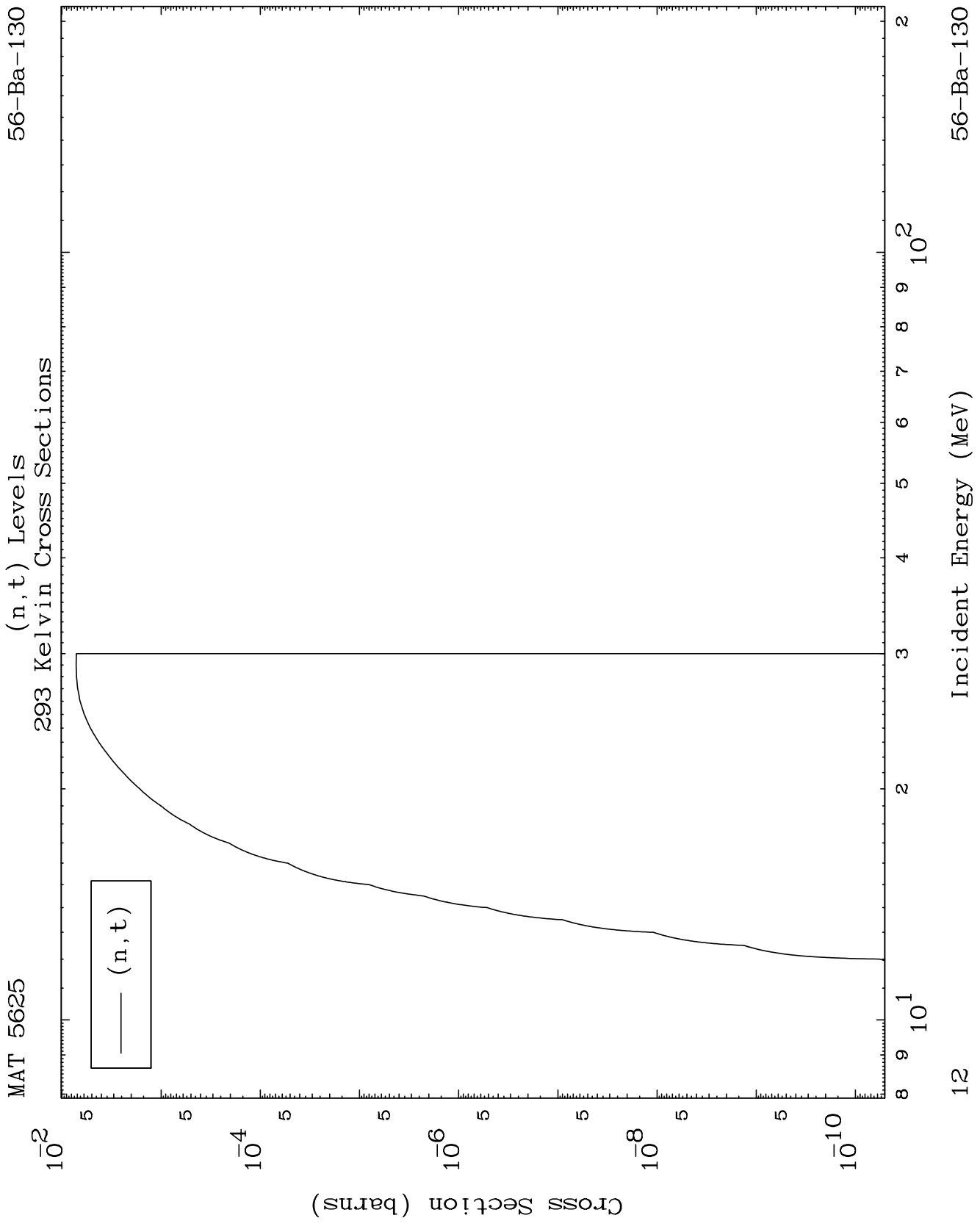
MAT 5625

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-130



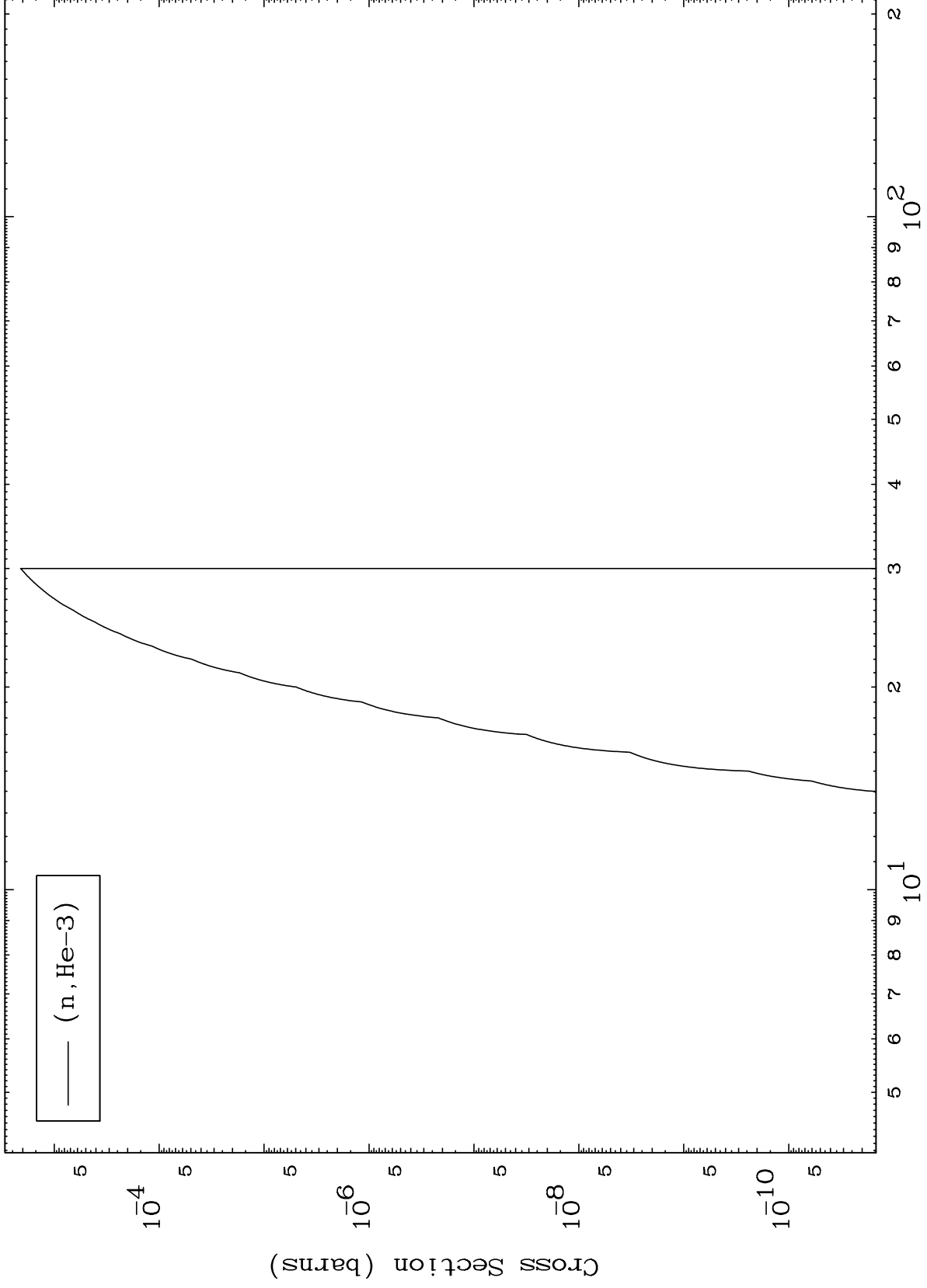
(n,d)



MAT 5625

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-130



13

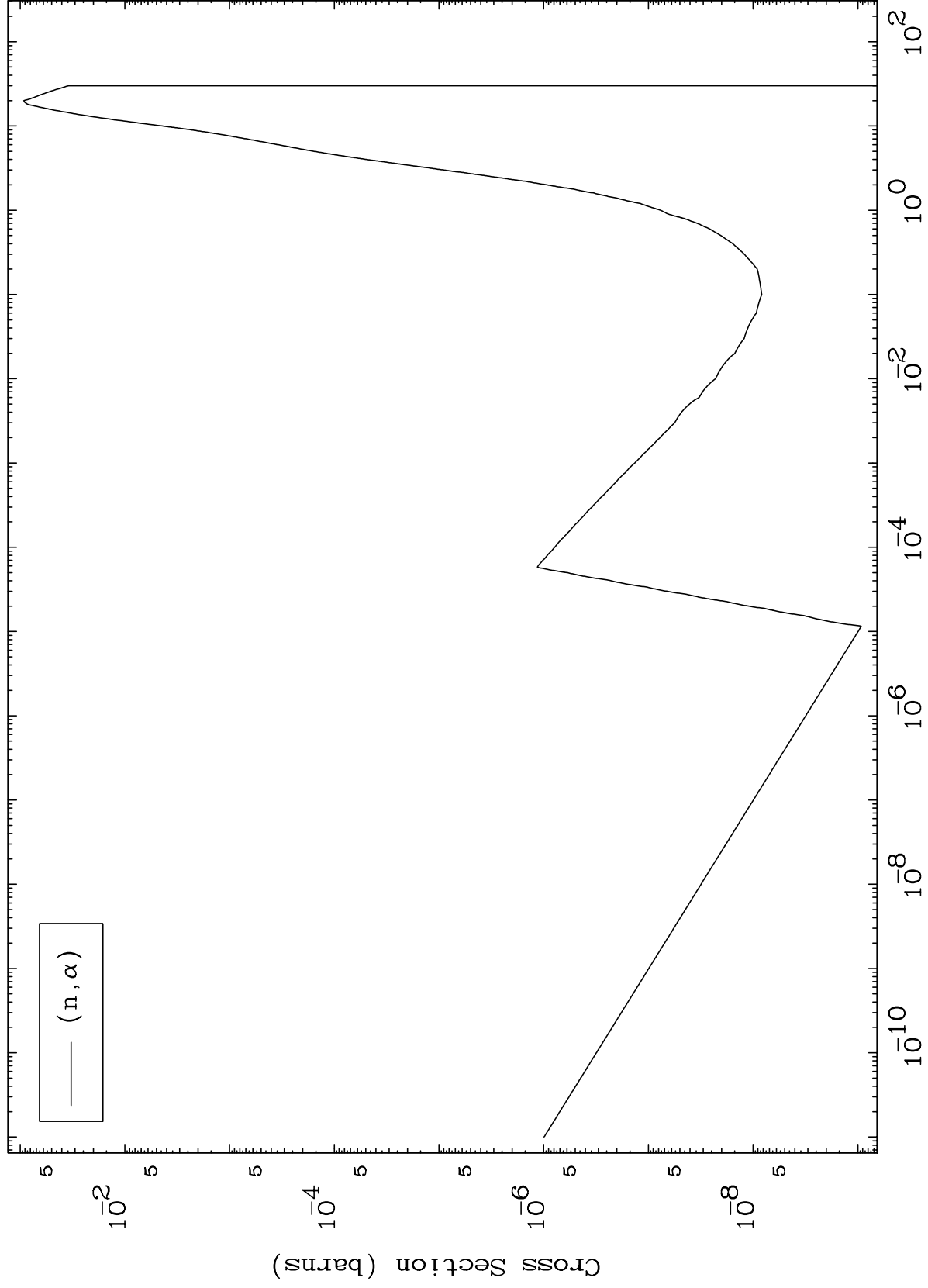
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n, α) Levels
293 Kelvin Cross Sections

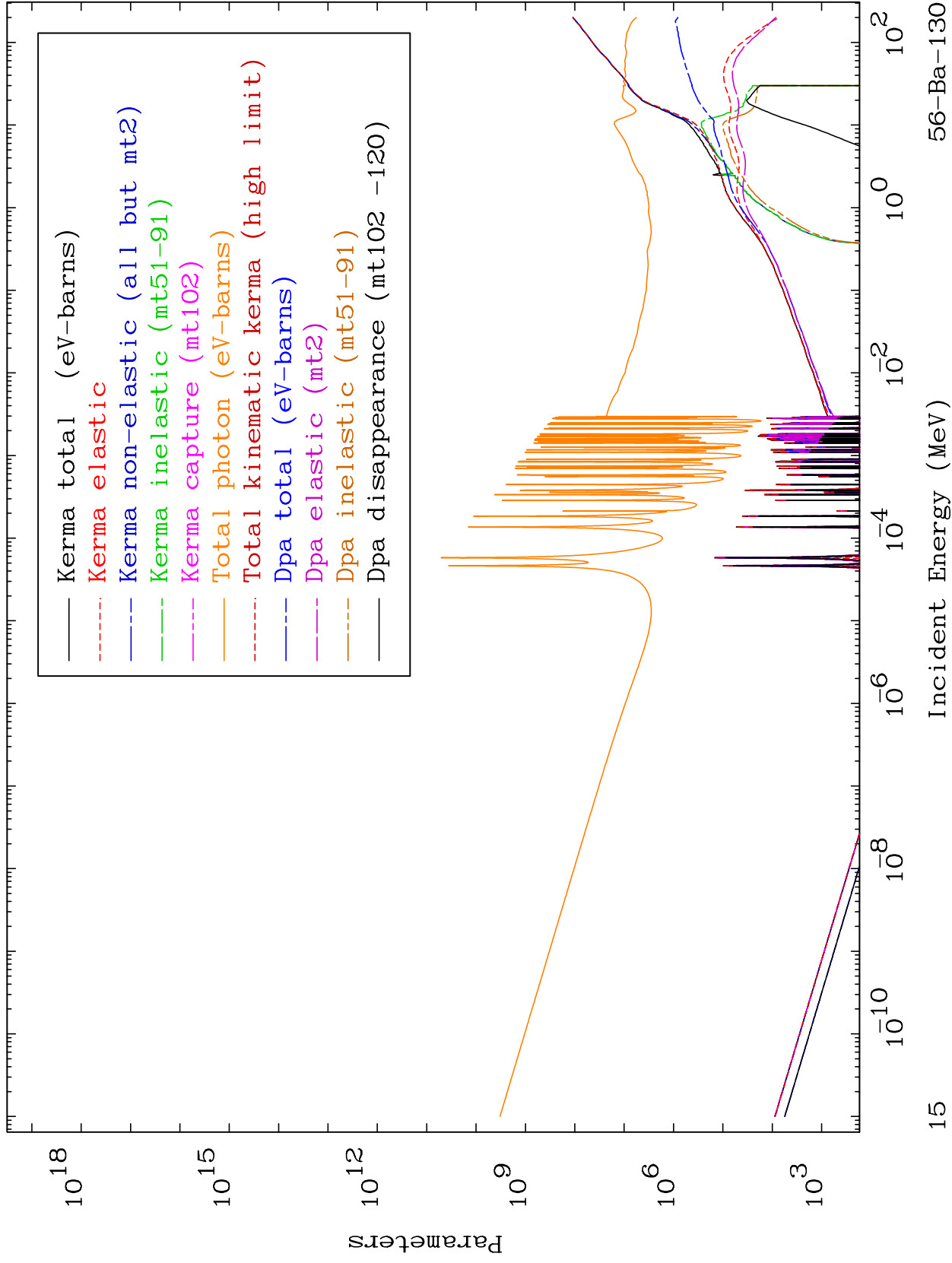
56-Ba-130



14

Incident Energy (MeV)

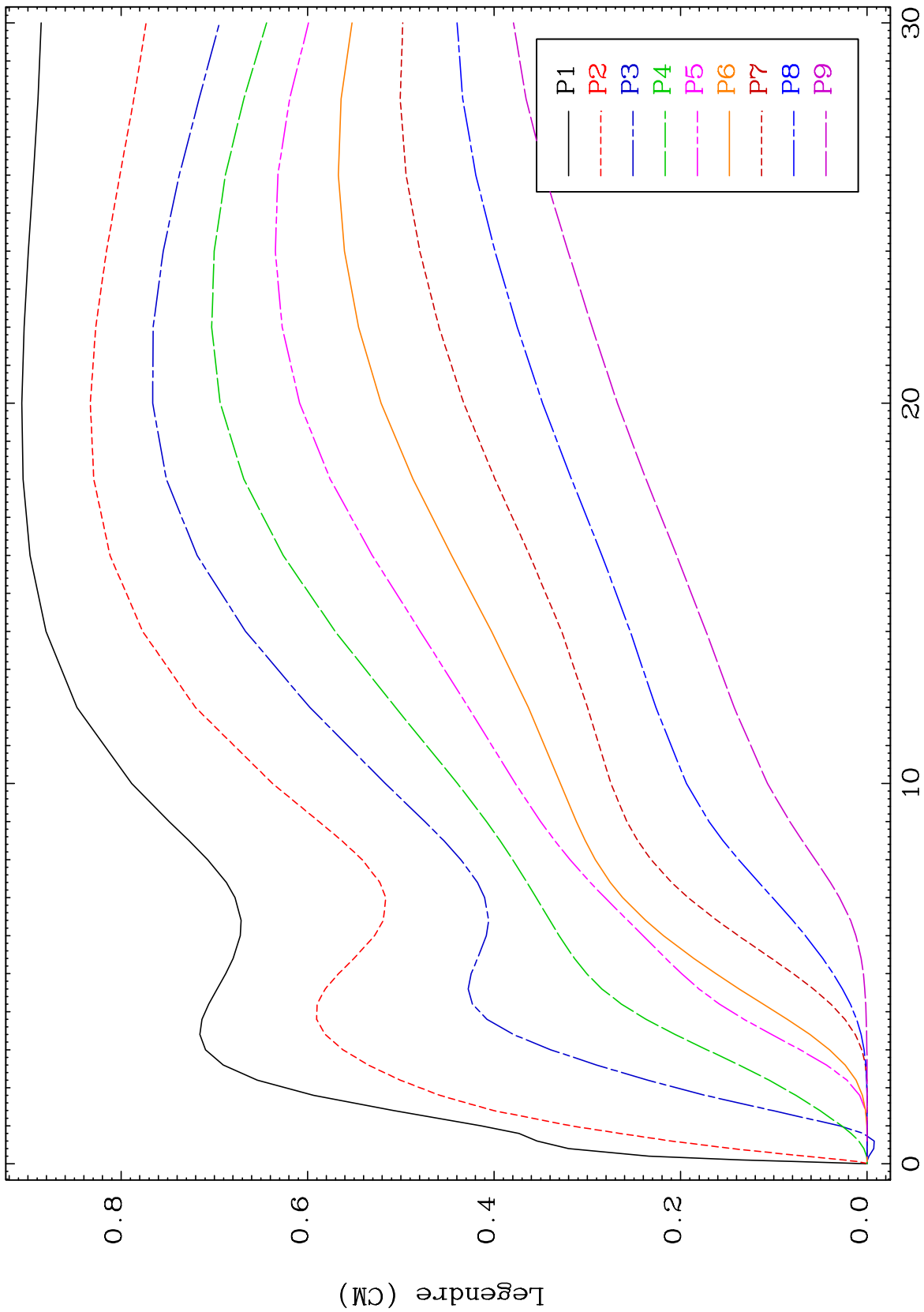
56-Ba-130



MAT 5625

Elastic Legendre Coefficients

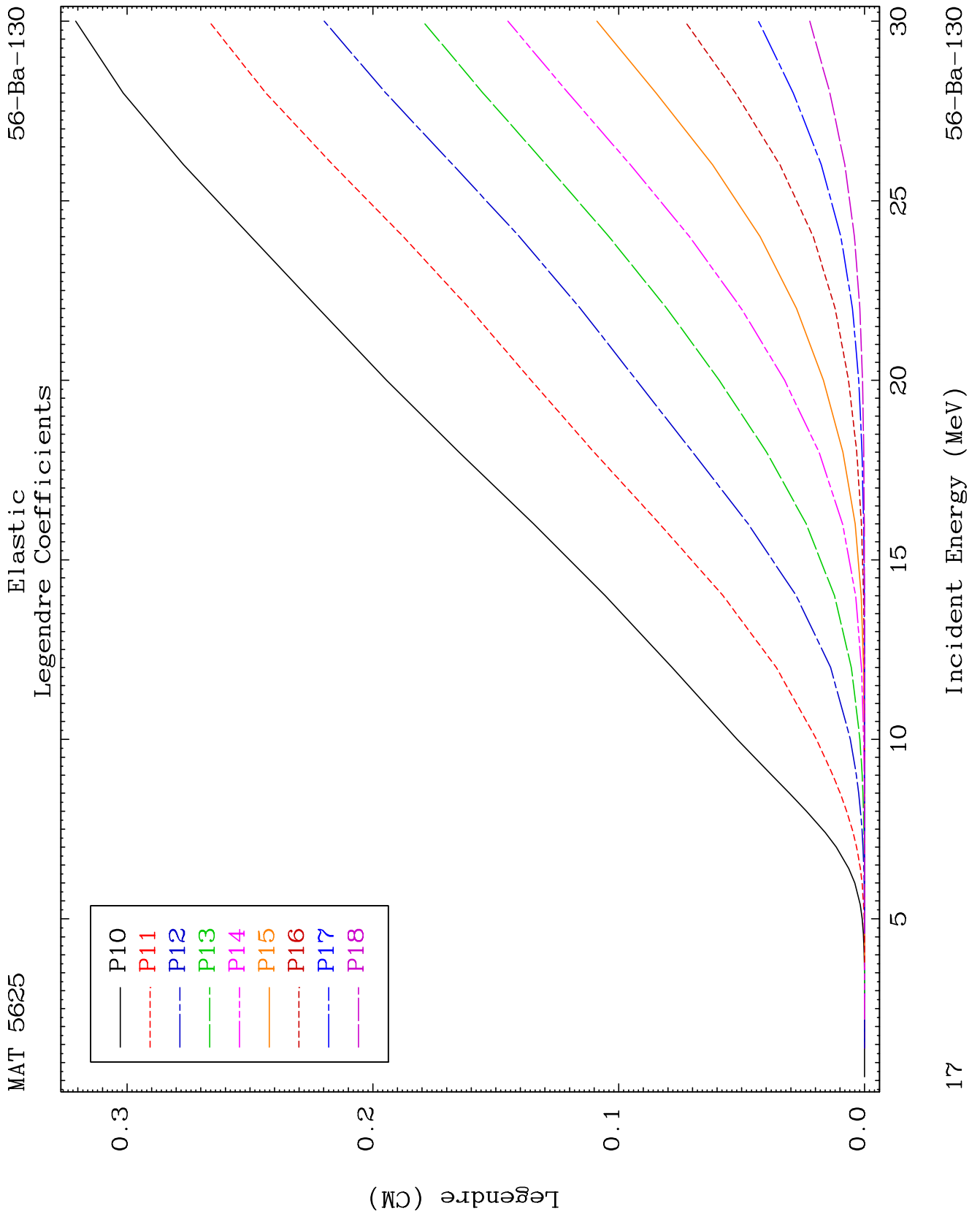
56-Ba-130



16

Incident Energy (MeV)

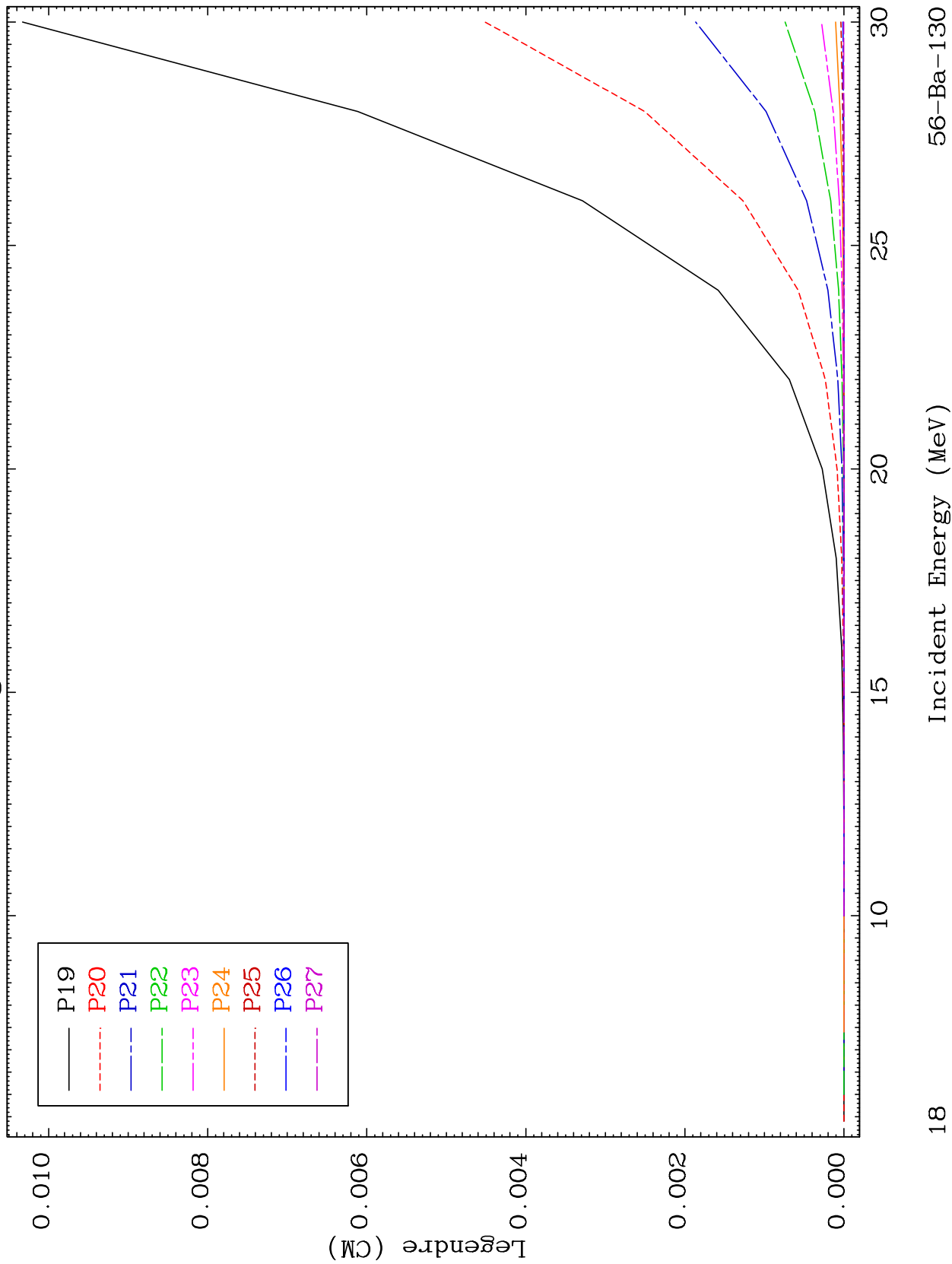
56-Ba-130



MAT 5625

Elastic Legendre Coefficients

56-Ba-130



18

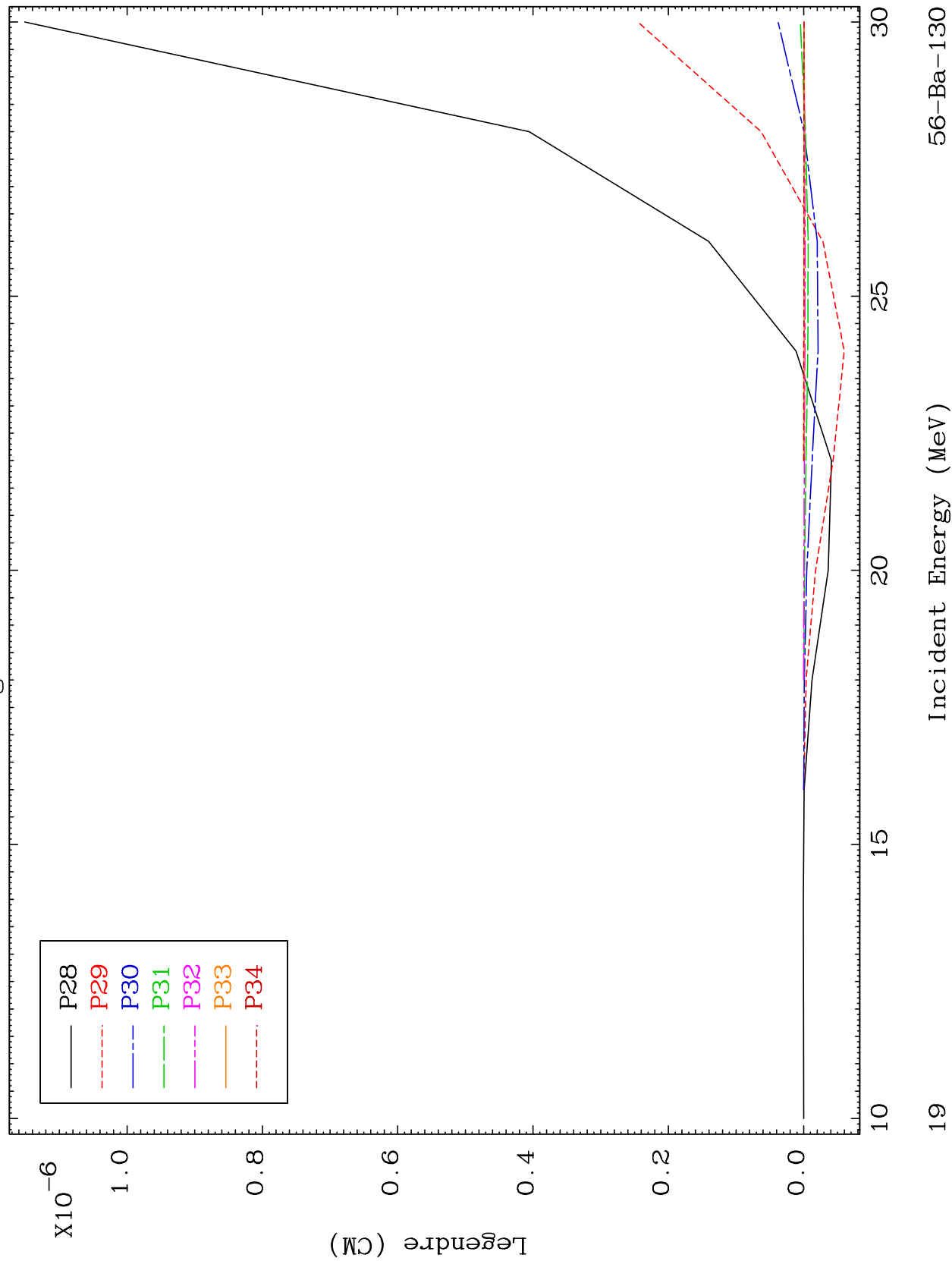
Incident Energy (MeV)

56-Ba-130

MAT 5625

Elastic Legendre Coefficients

56-Ba-130



19

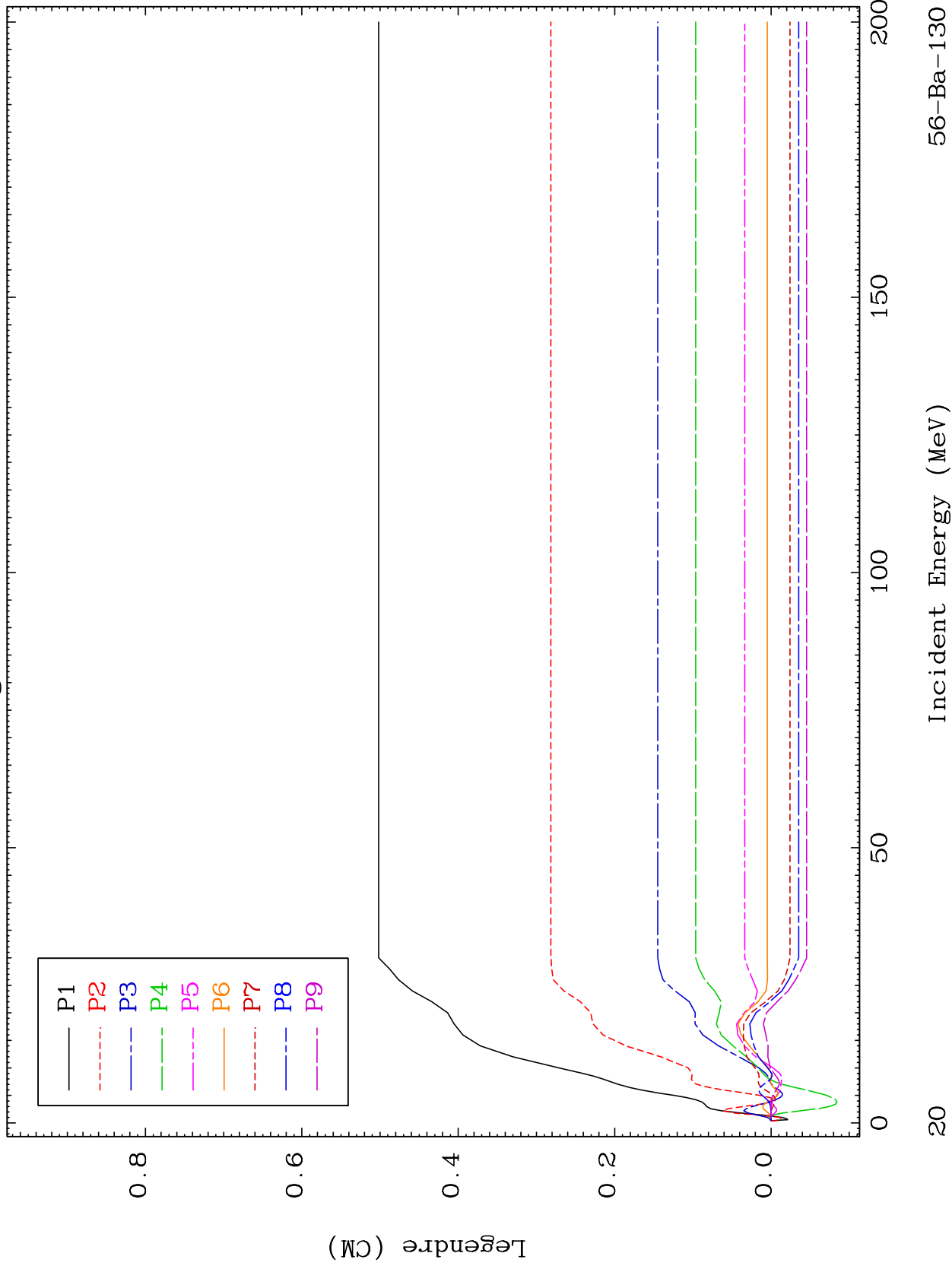
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



56-Ba-130

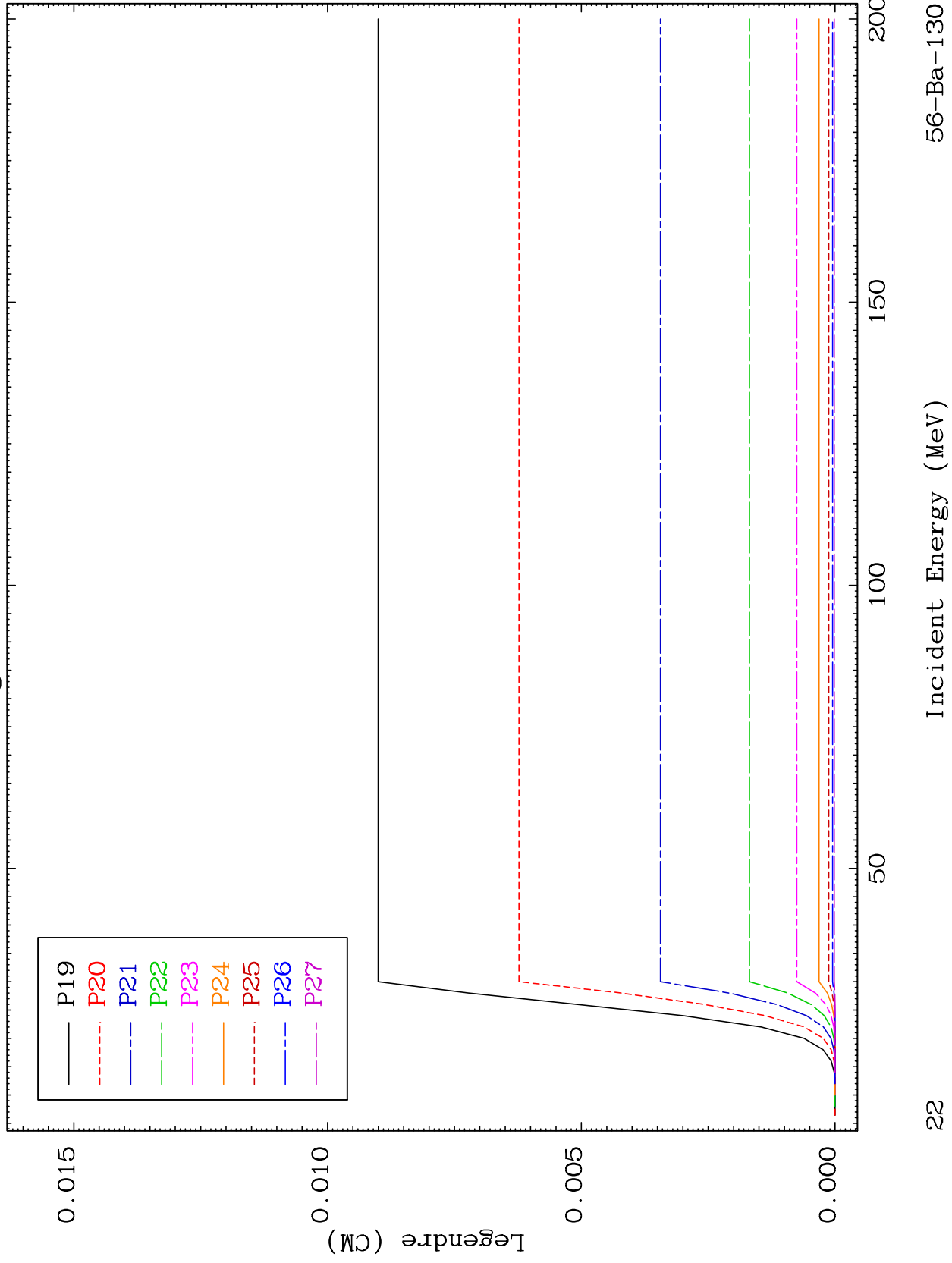
Incident Energy (MeV)

20

MAT 5625

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

56-Ba-130



22

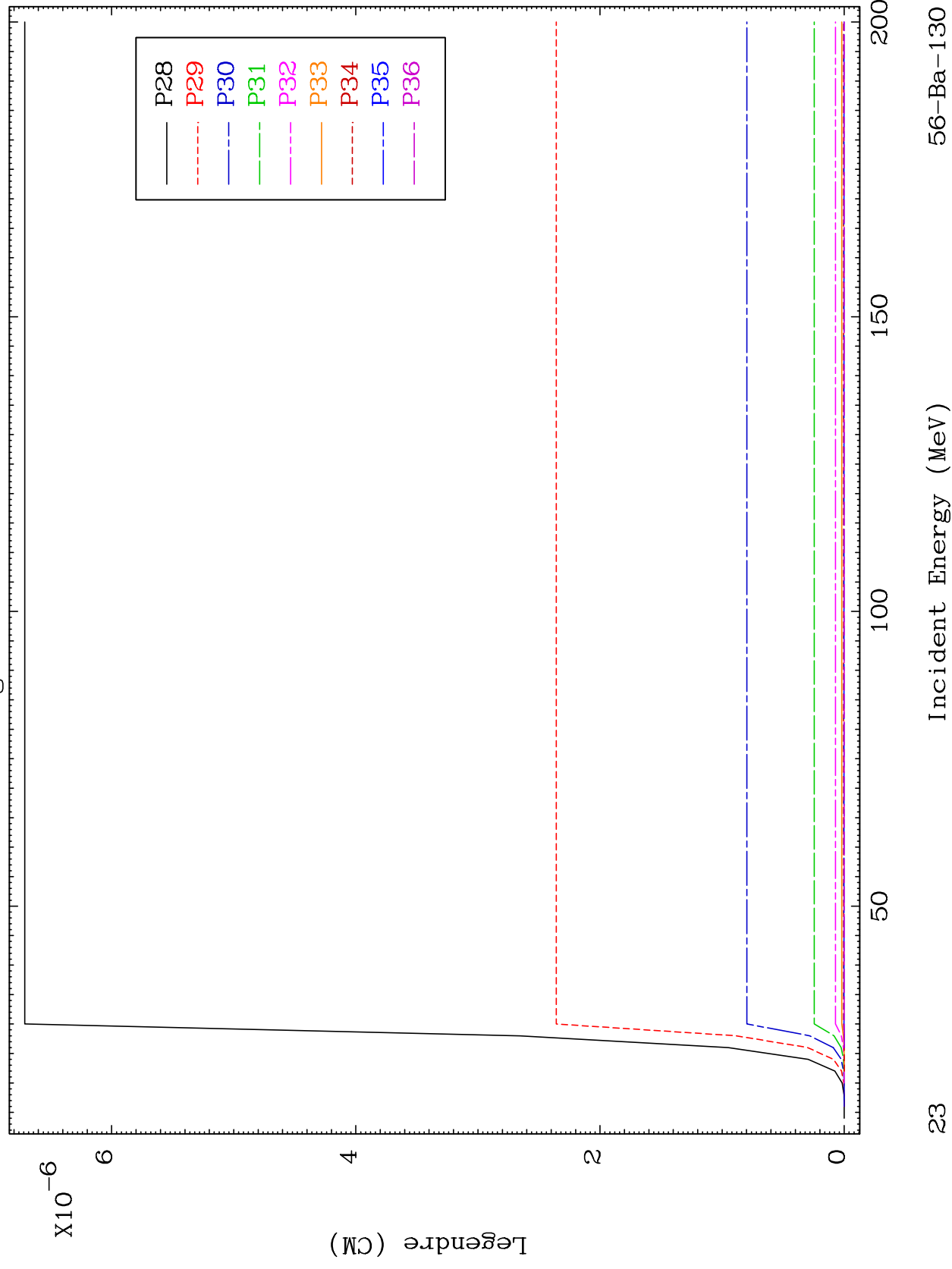
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



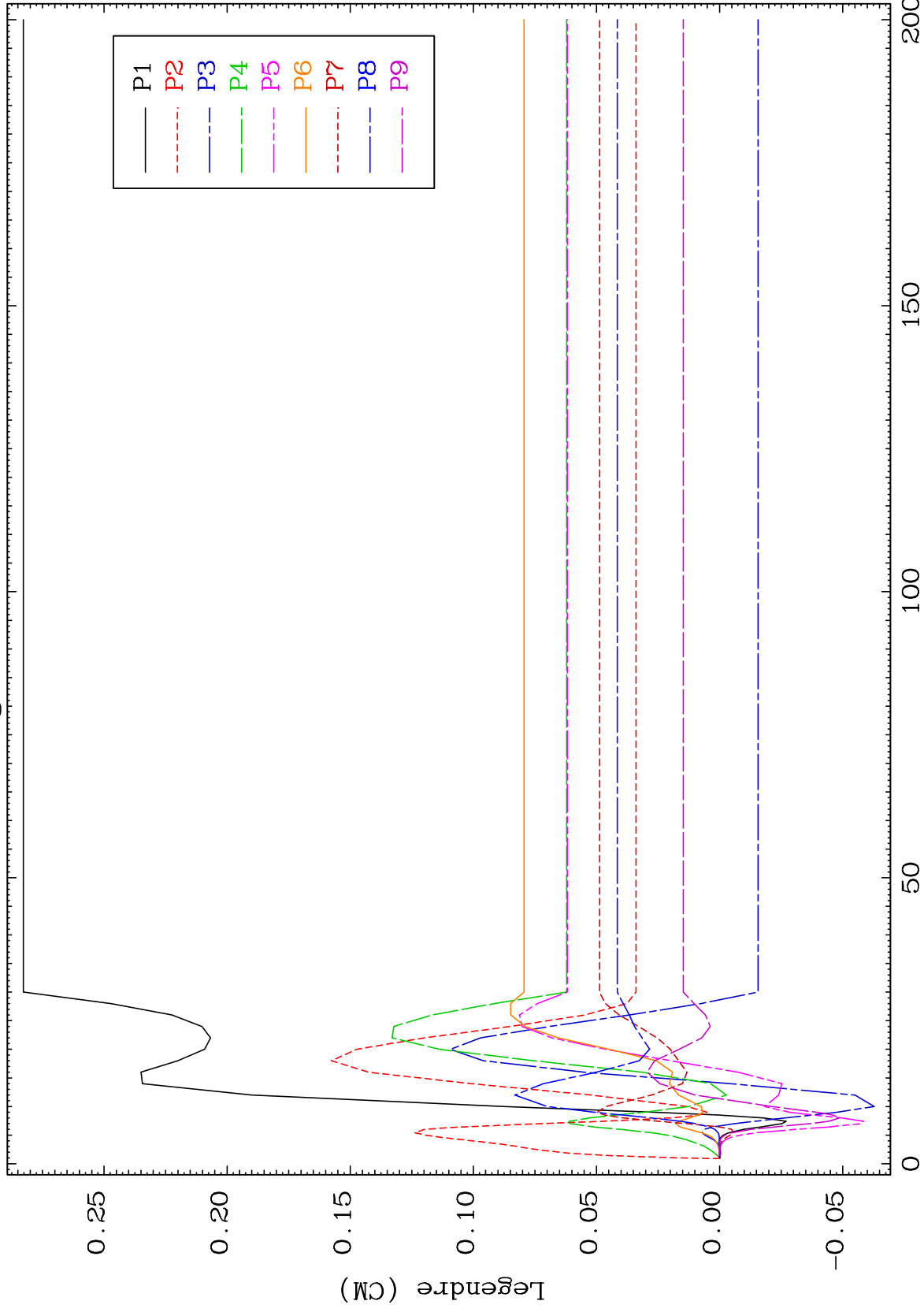
23

56-Ba-130

MAT 5625

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

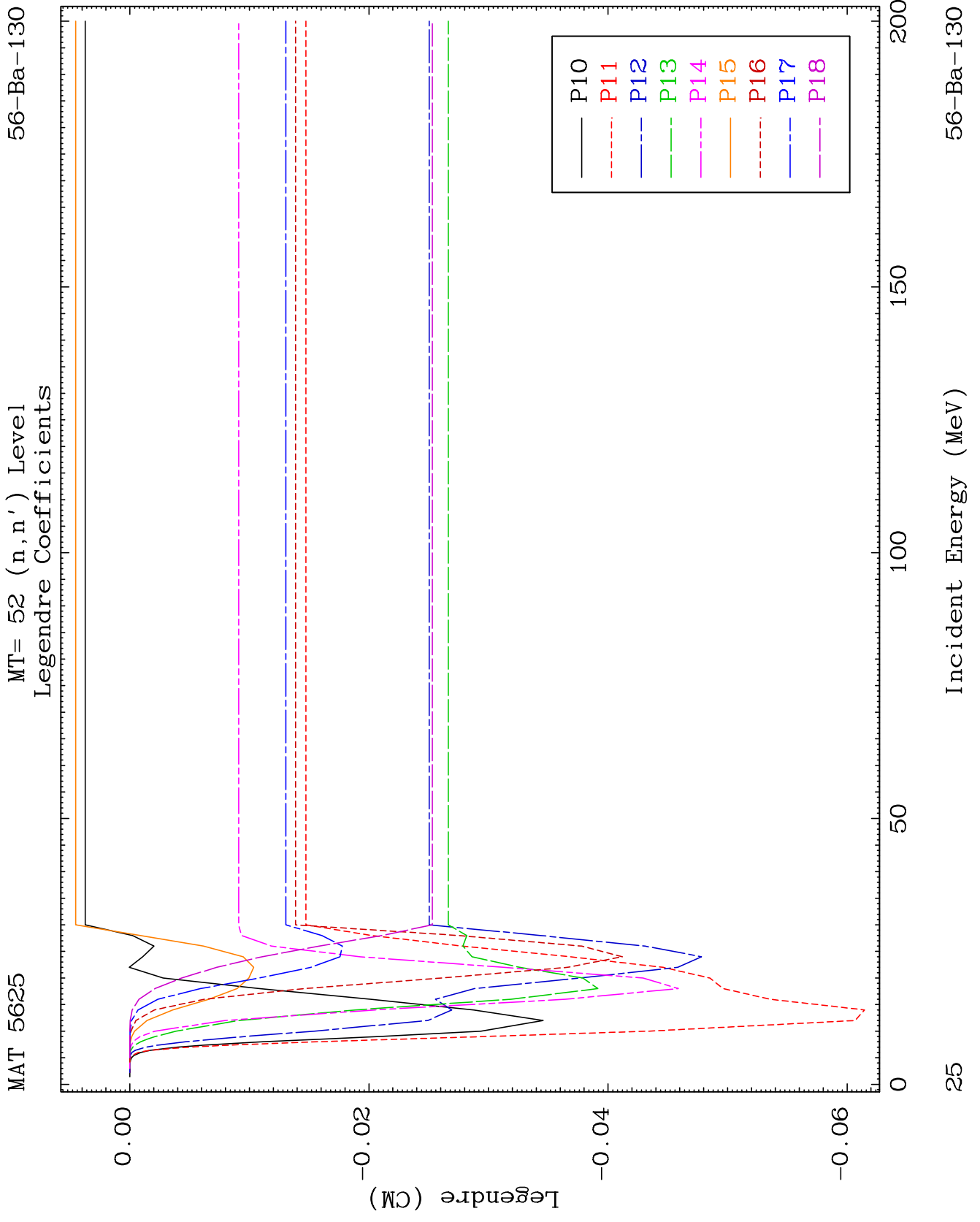
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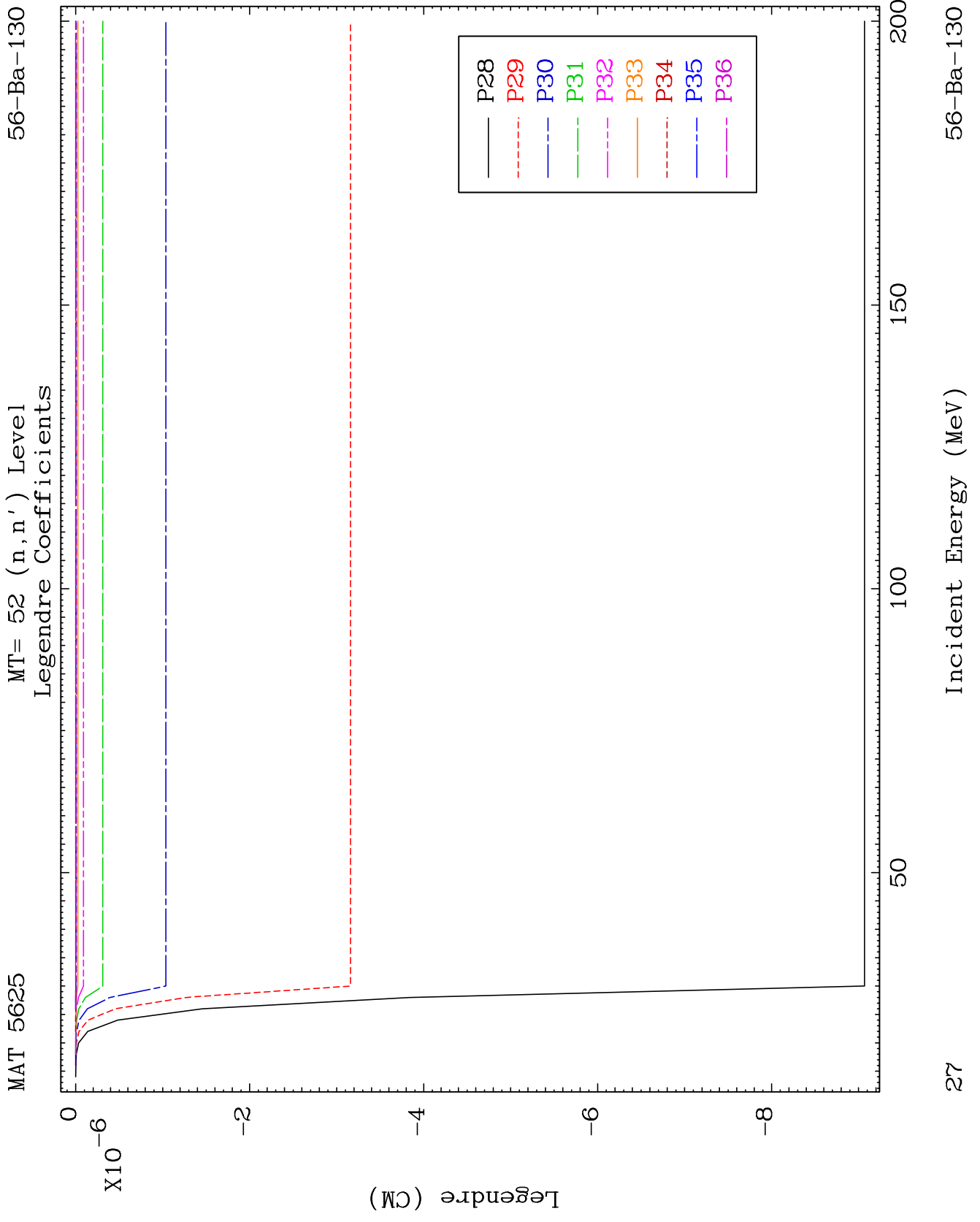


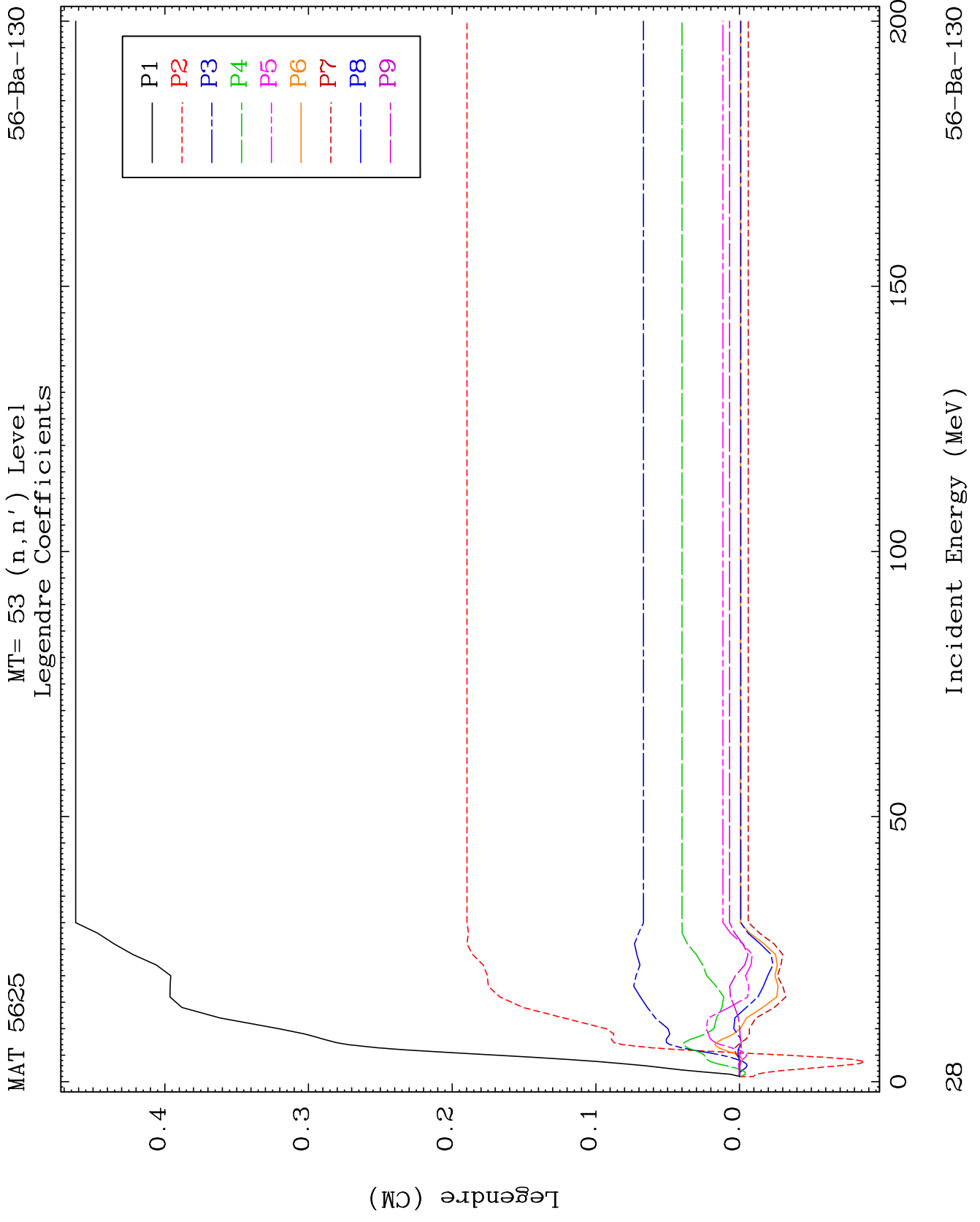
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Incident Energy (MeV)

56-Ba-130



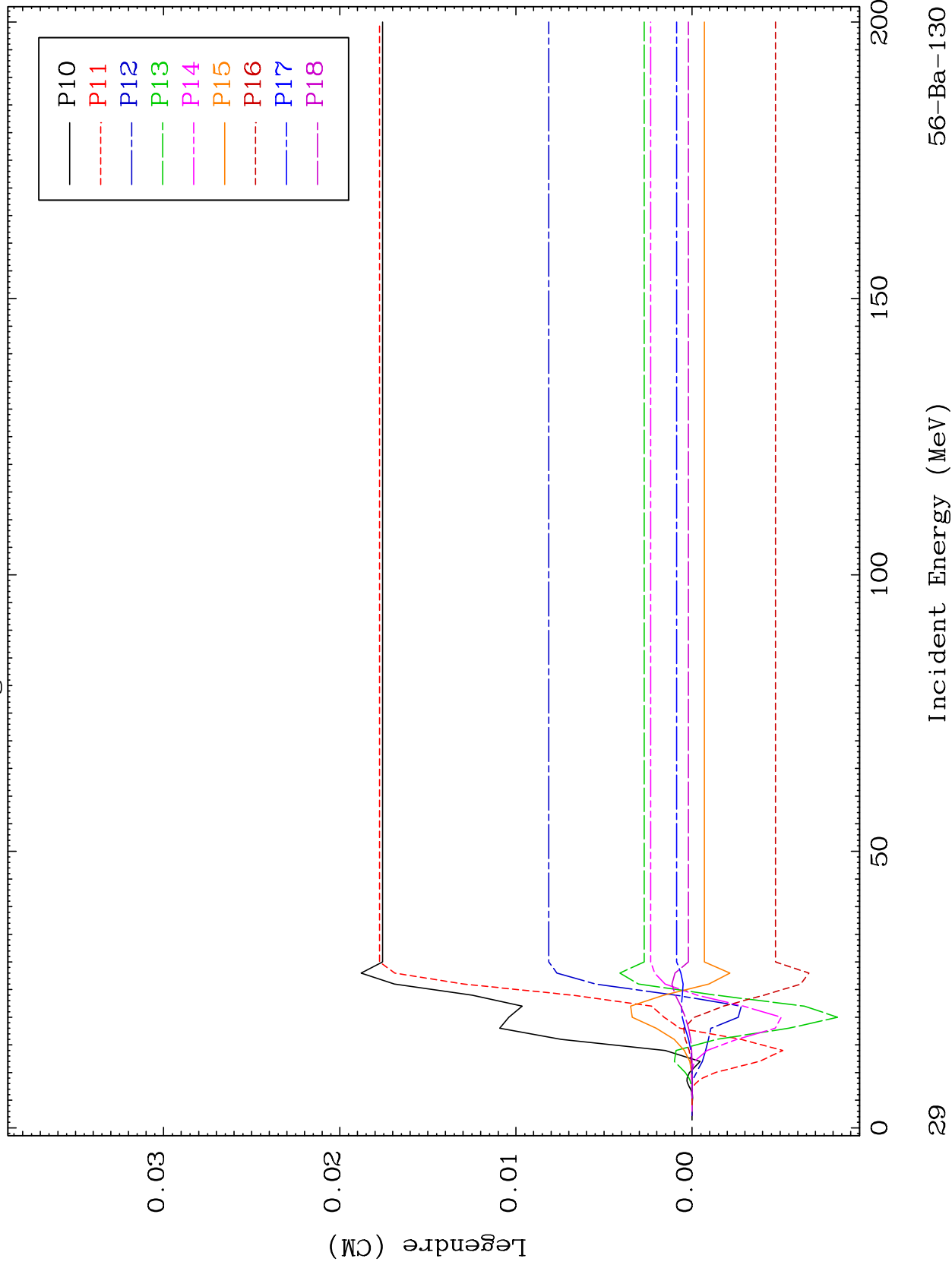




MAT 5625

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

56-Ba-130



29

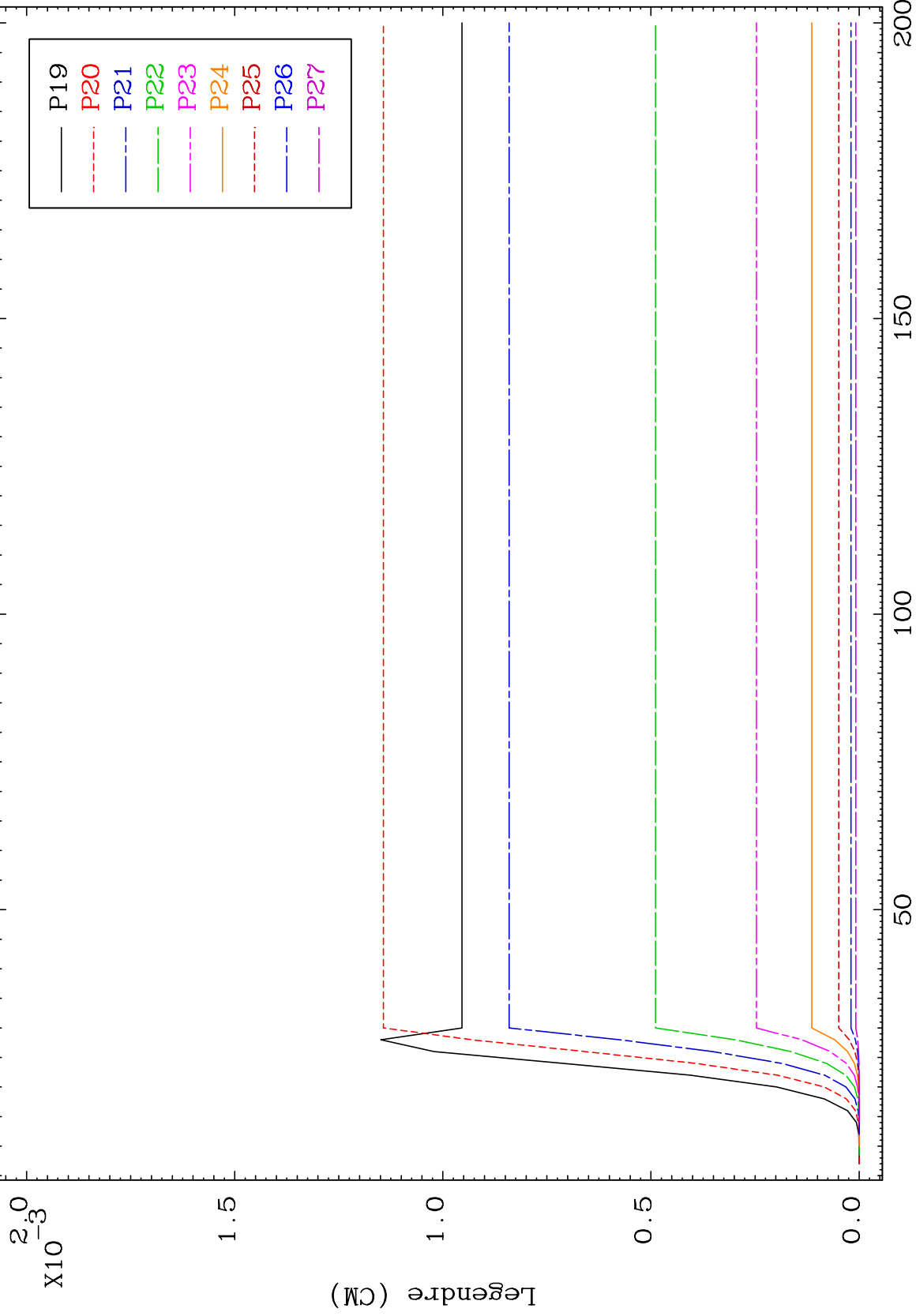
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

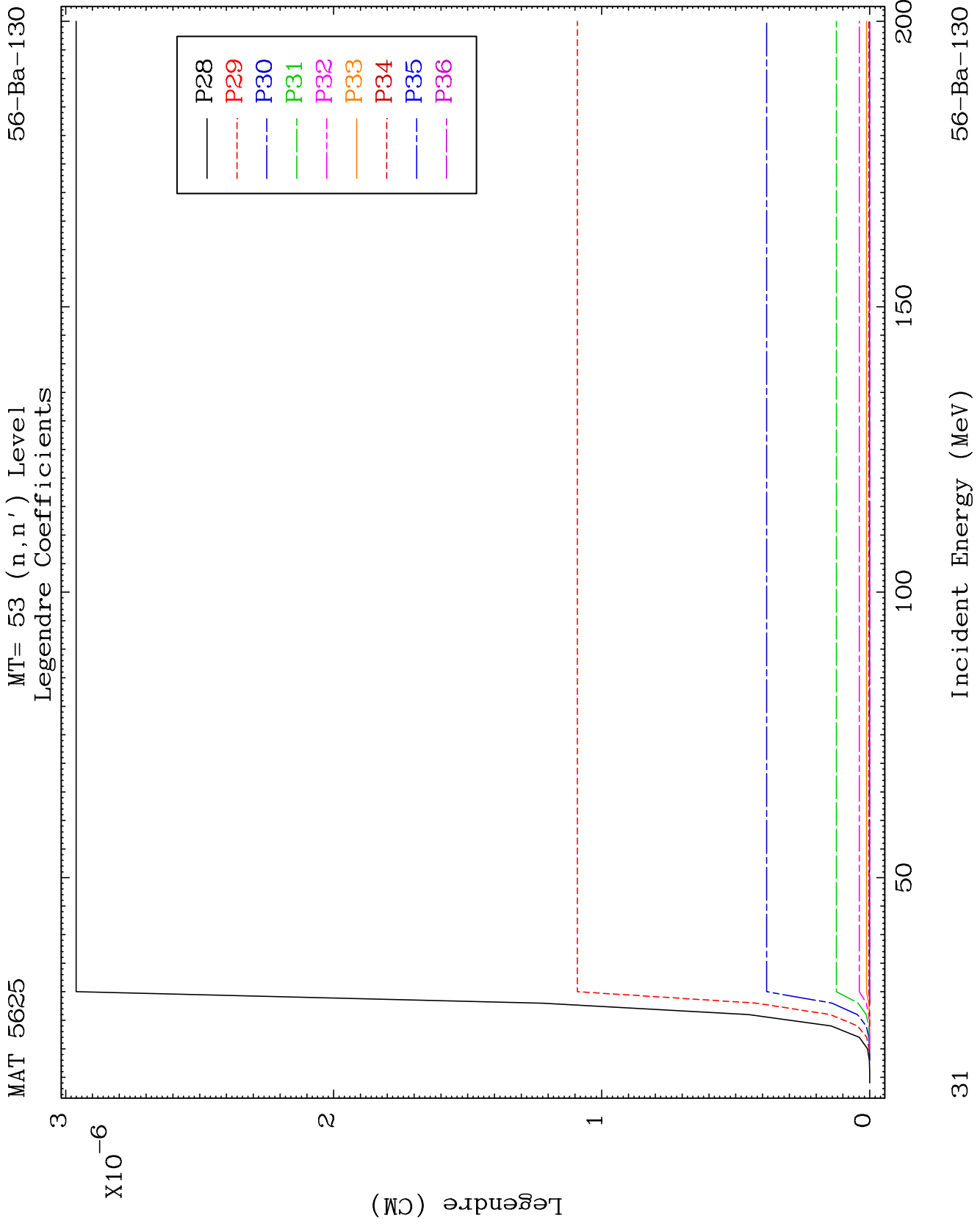
56-Ba-130



30

Incident Energy (MeV)

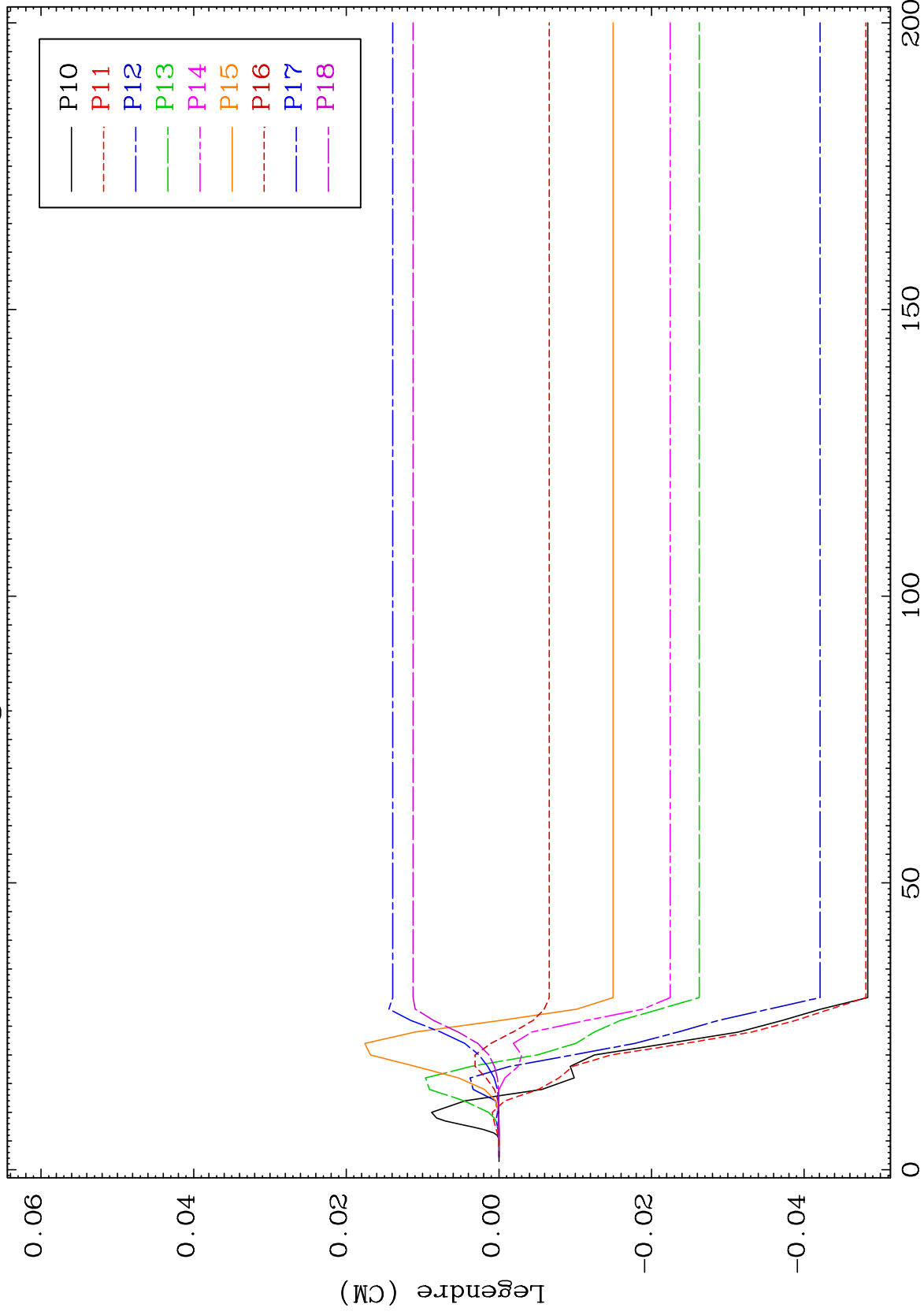
56-Ba-130



MAT 5625

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

56-Ba-130



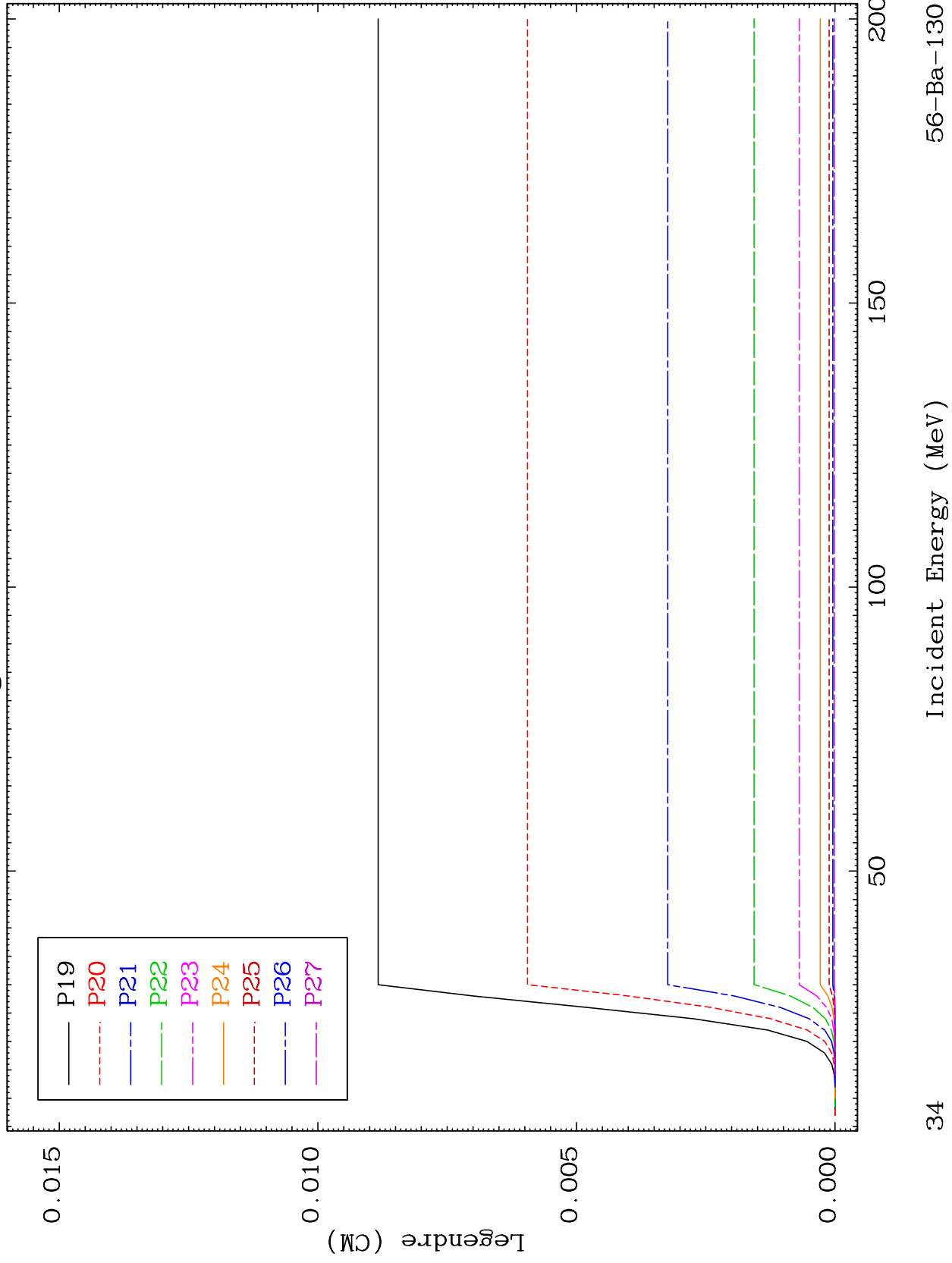
33

56-Ba-130

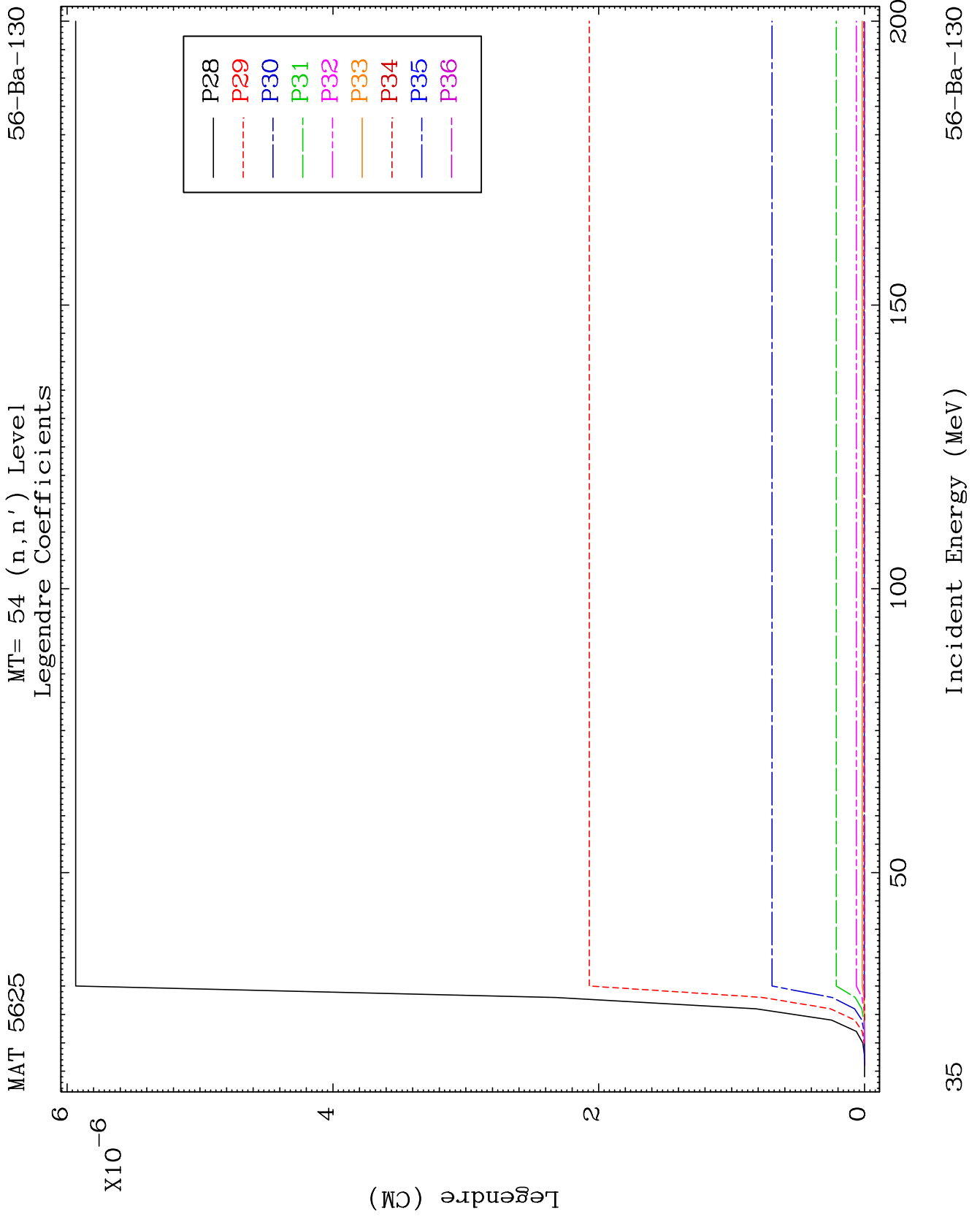
MAT 5625

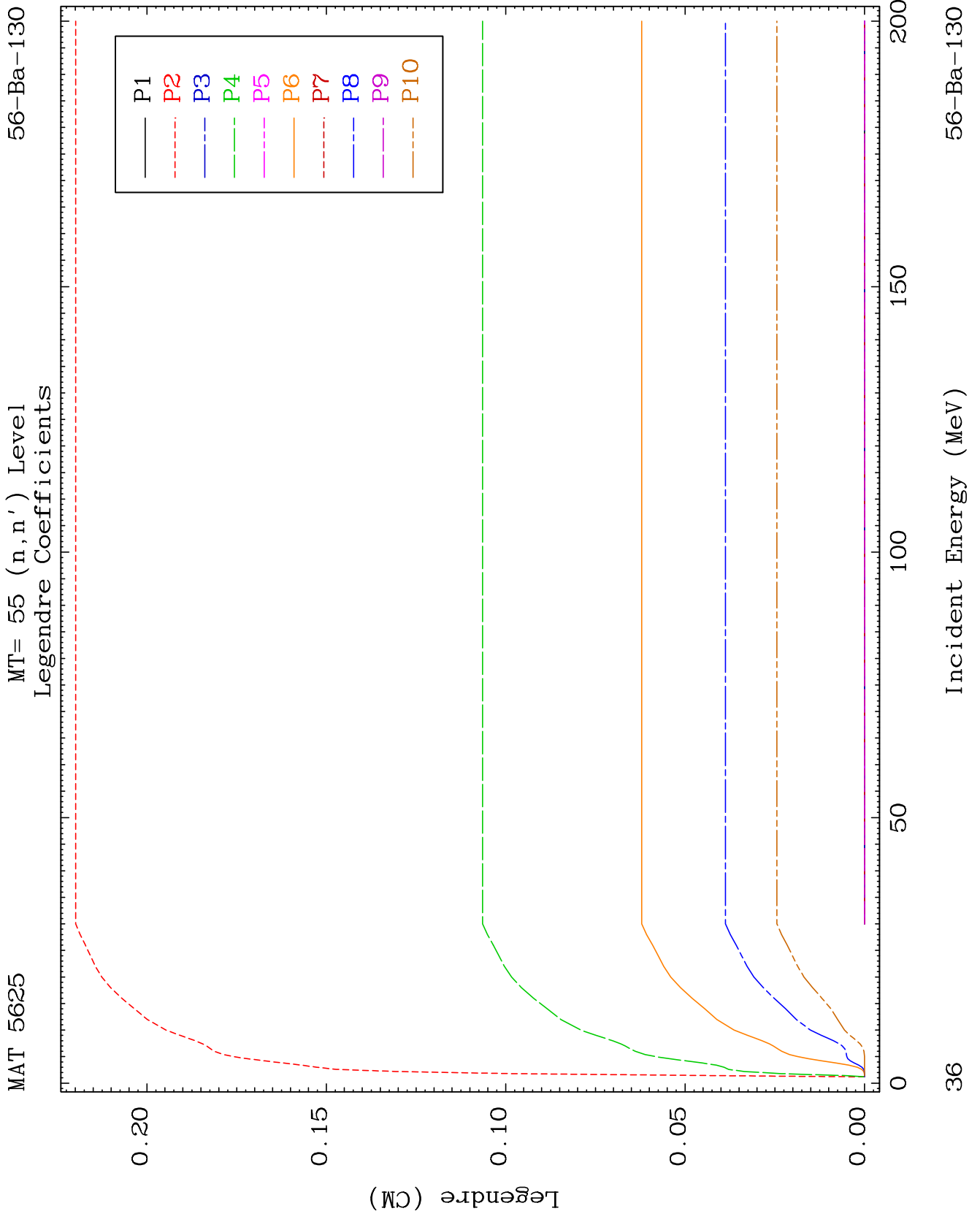
MT= 54 (n,n') Level
Legendre Coefficients

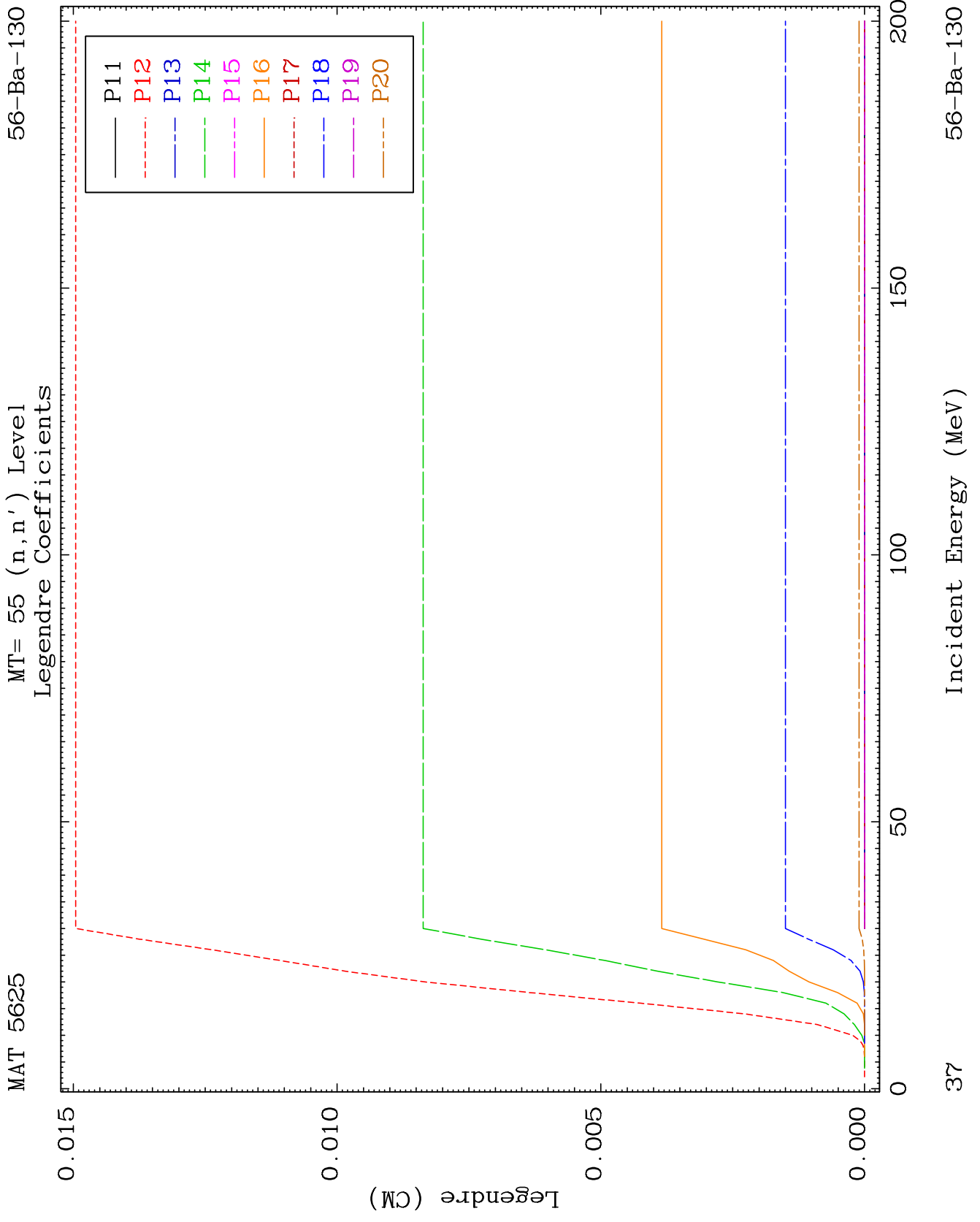
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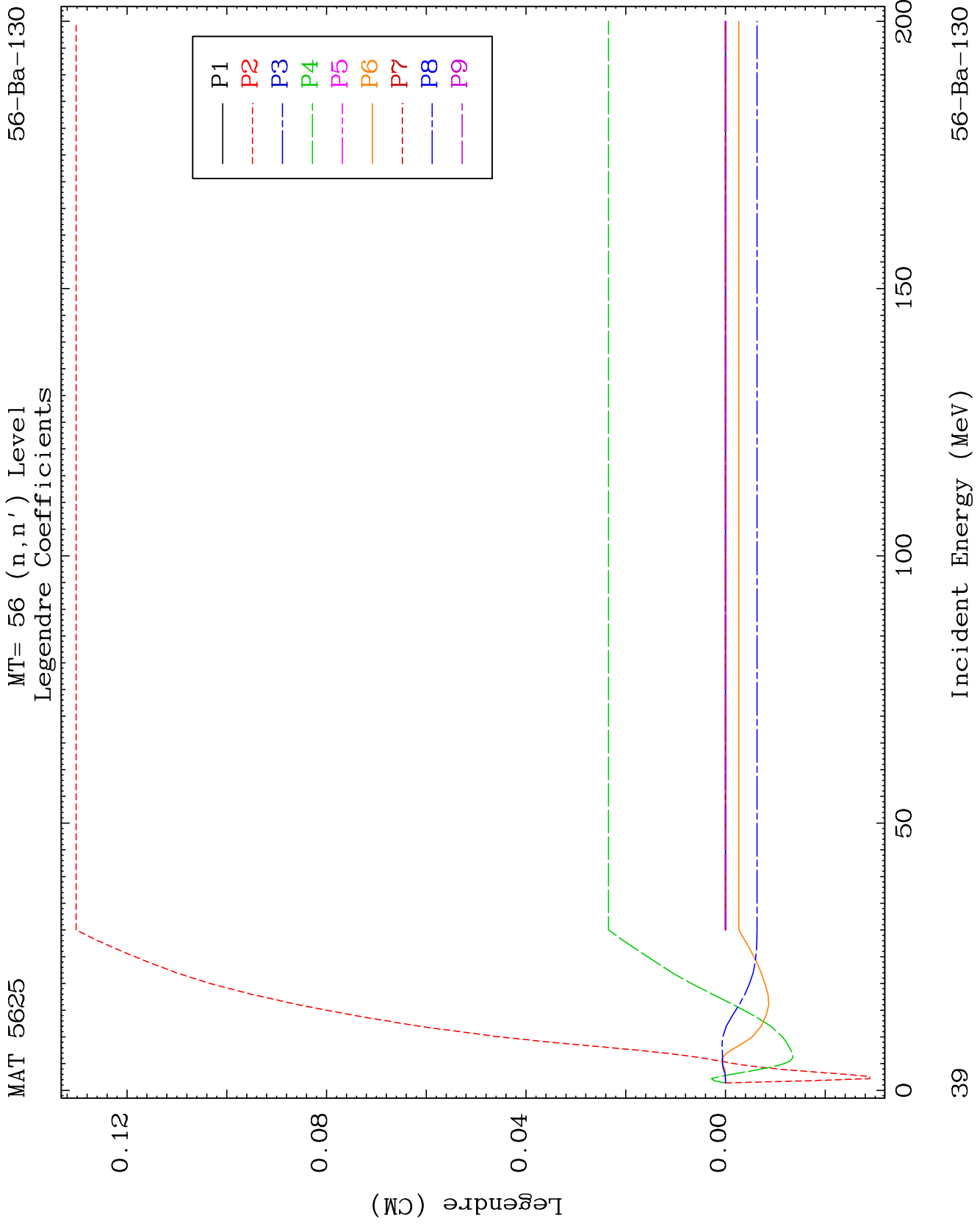


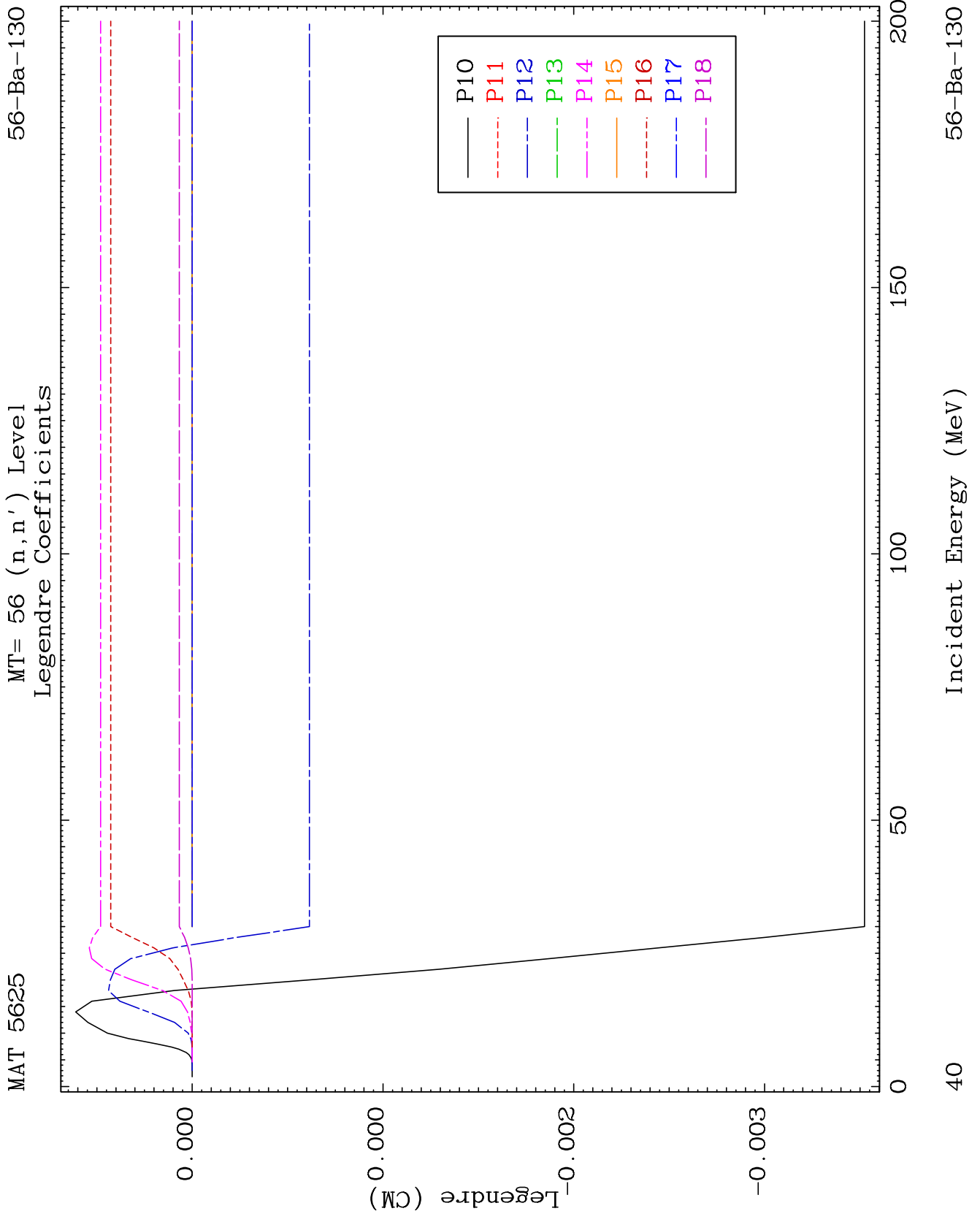
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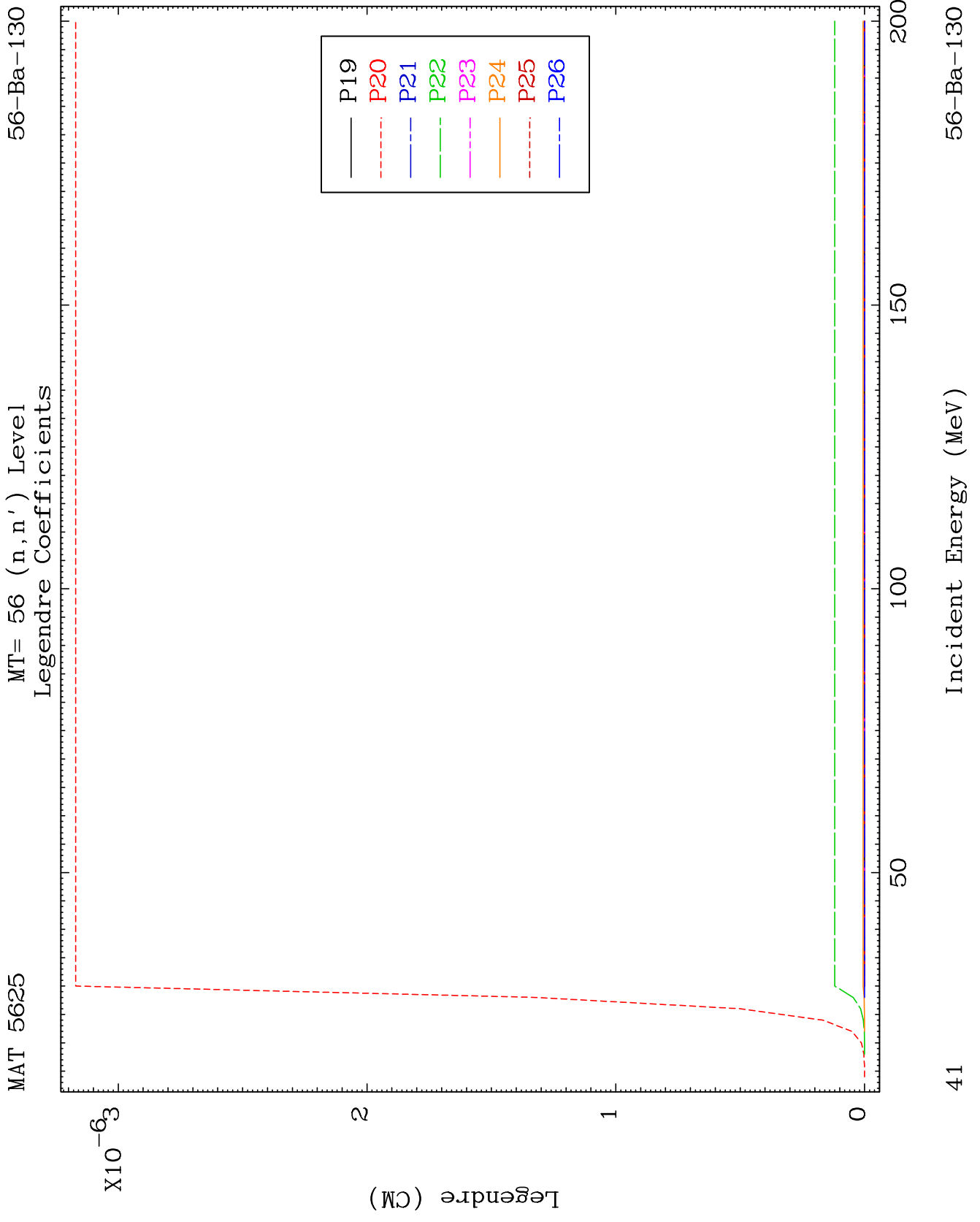








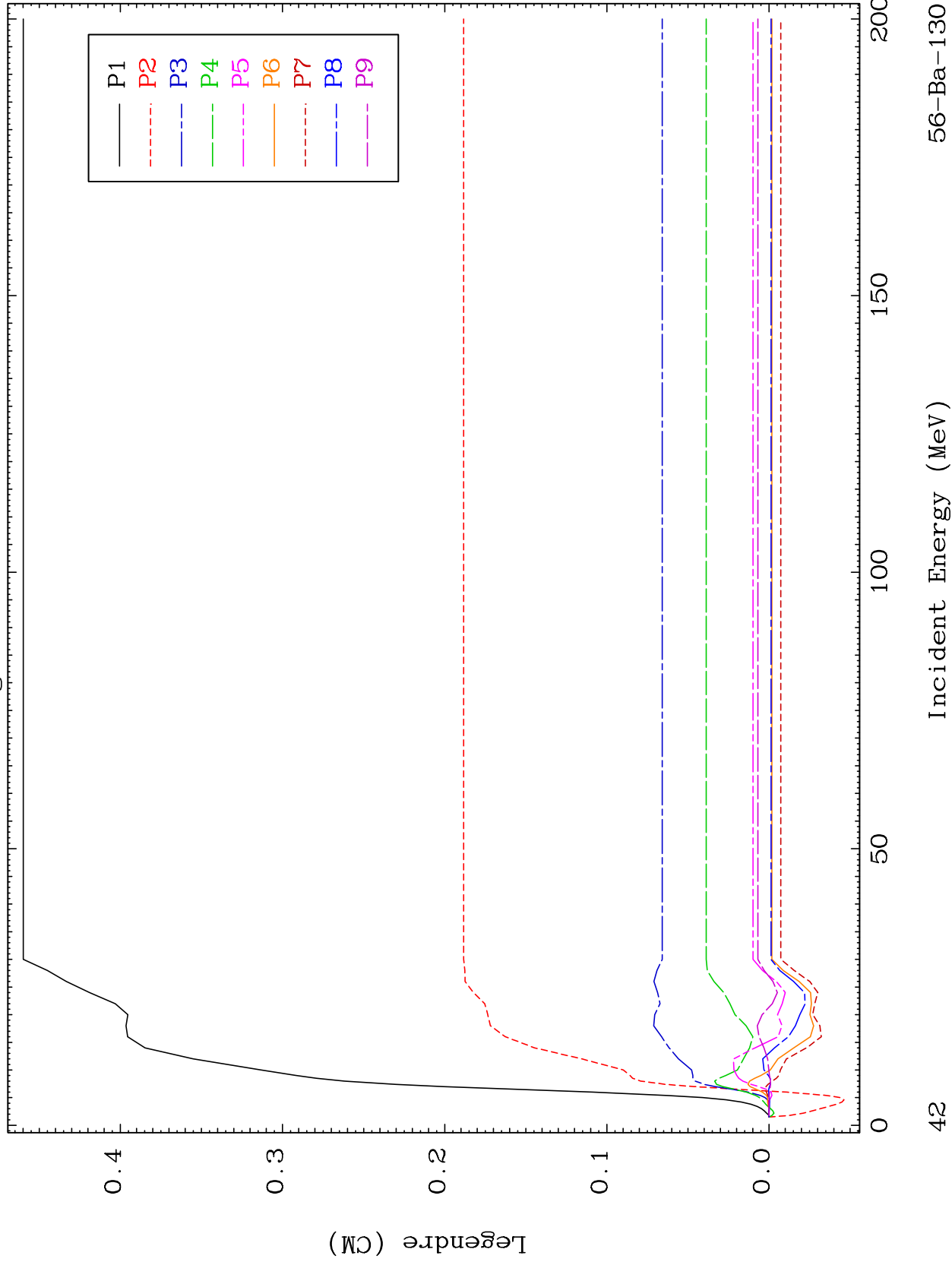




MAT 5625

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

56-Ba-130



56-Ba-130

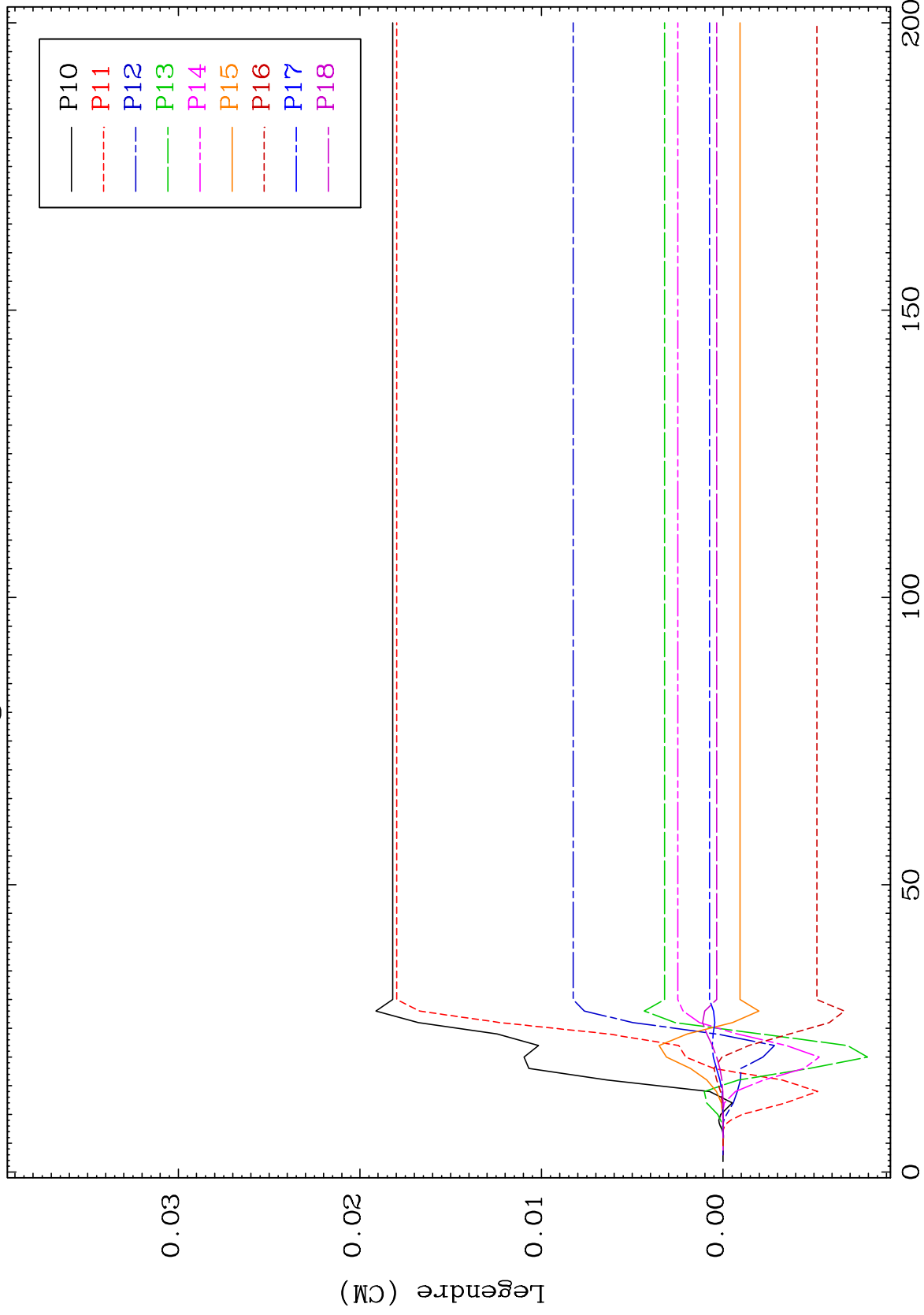
Incident Energy (MeV)

42

MAT 5625

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

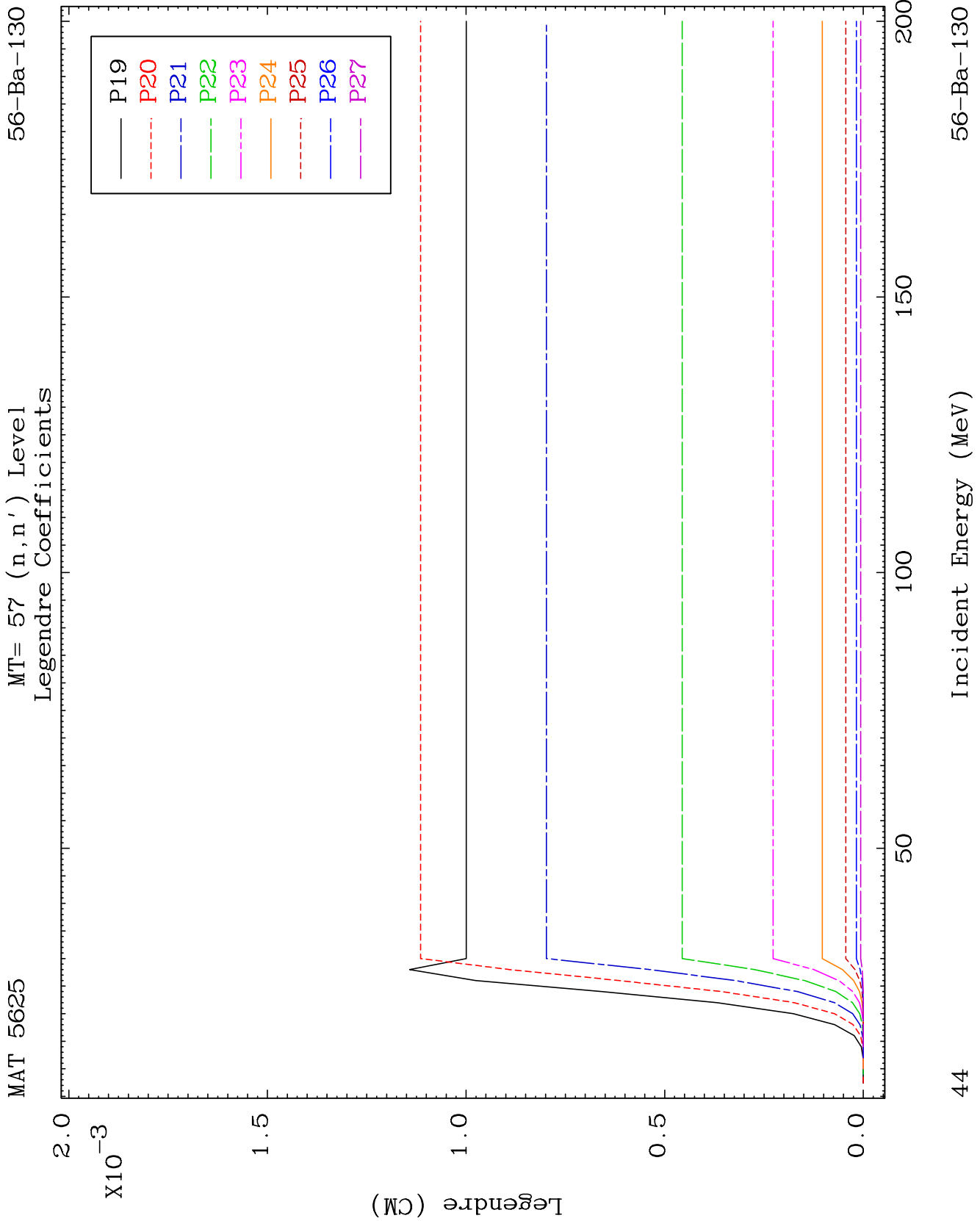
56-Ba-130



43

Incident Energy (MeV)

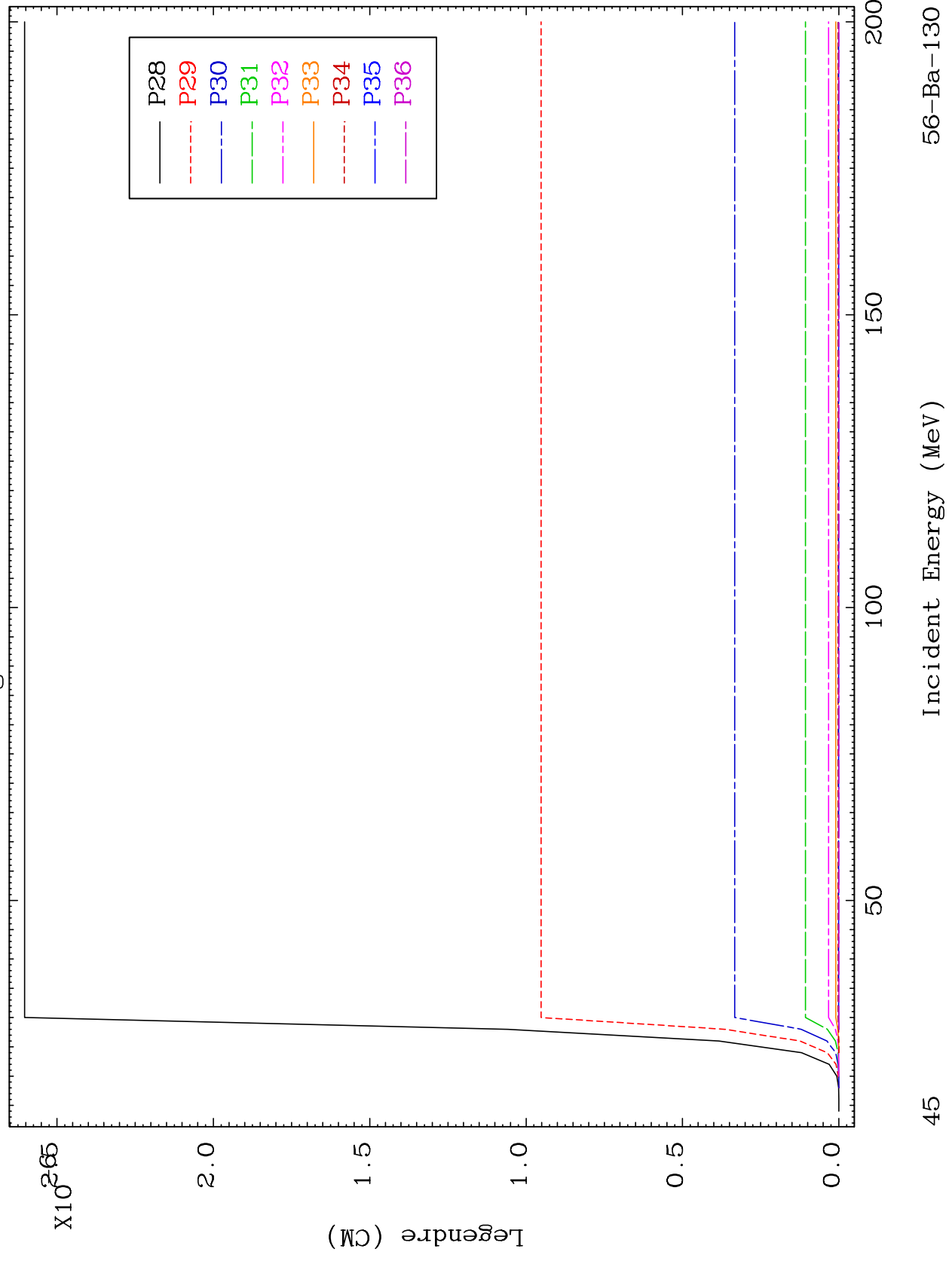
56-Ba-130



MAT 5625

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

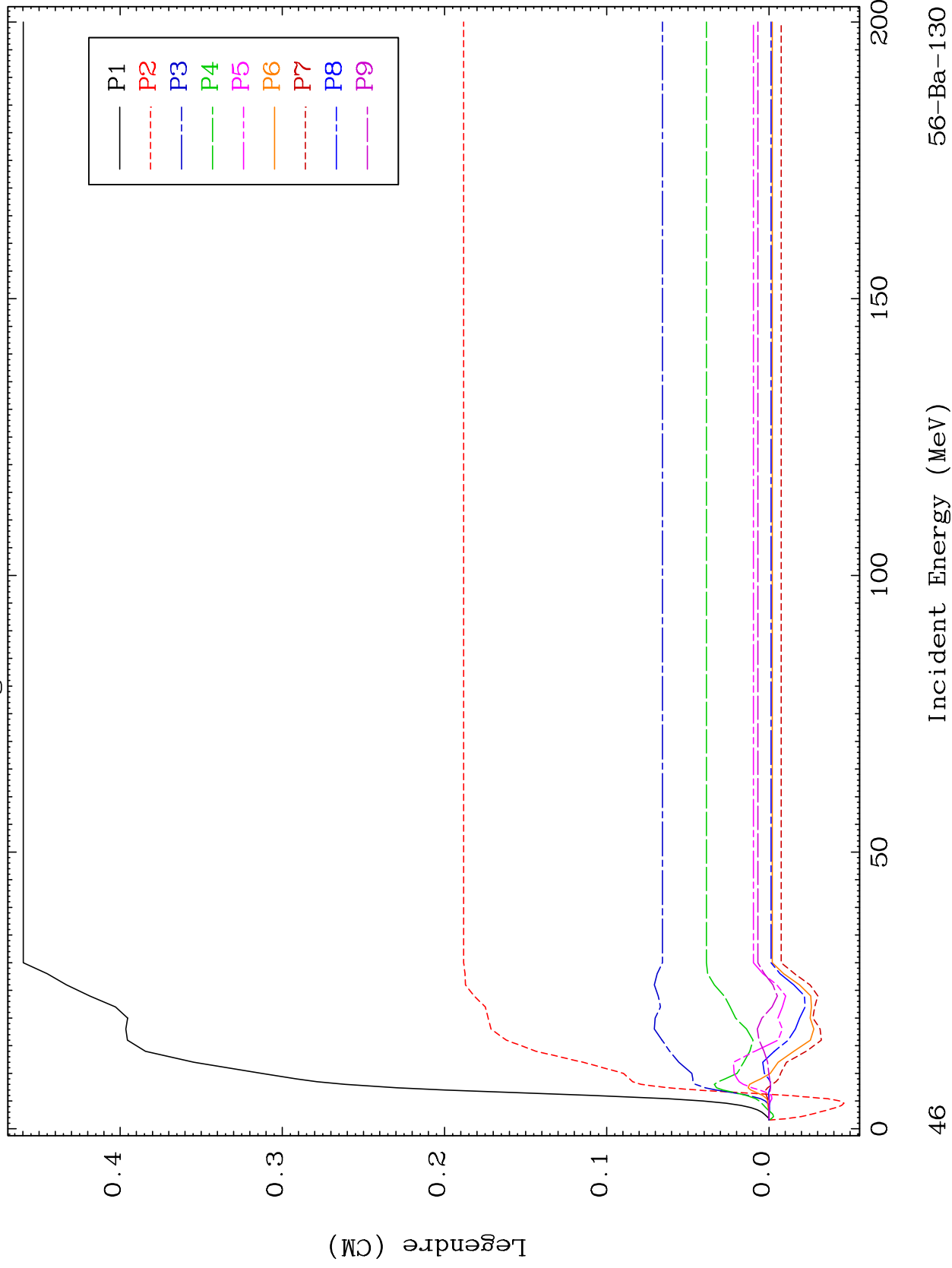
56-Ba-130



MAT 5625

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

56-Ba-130



56-Ba-130

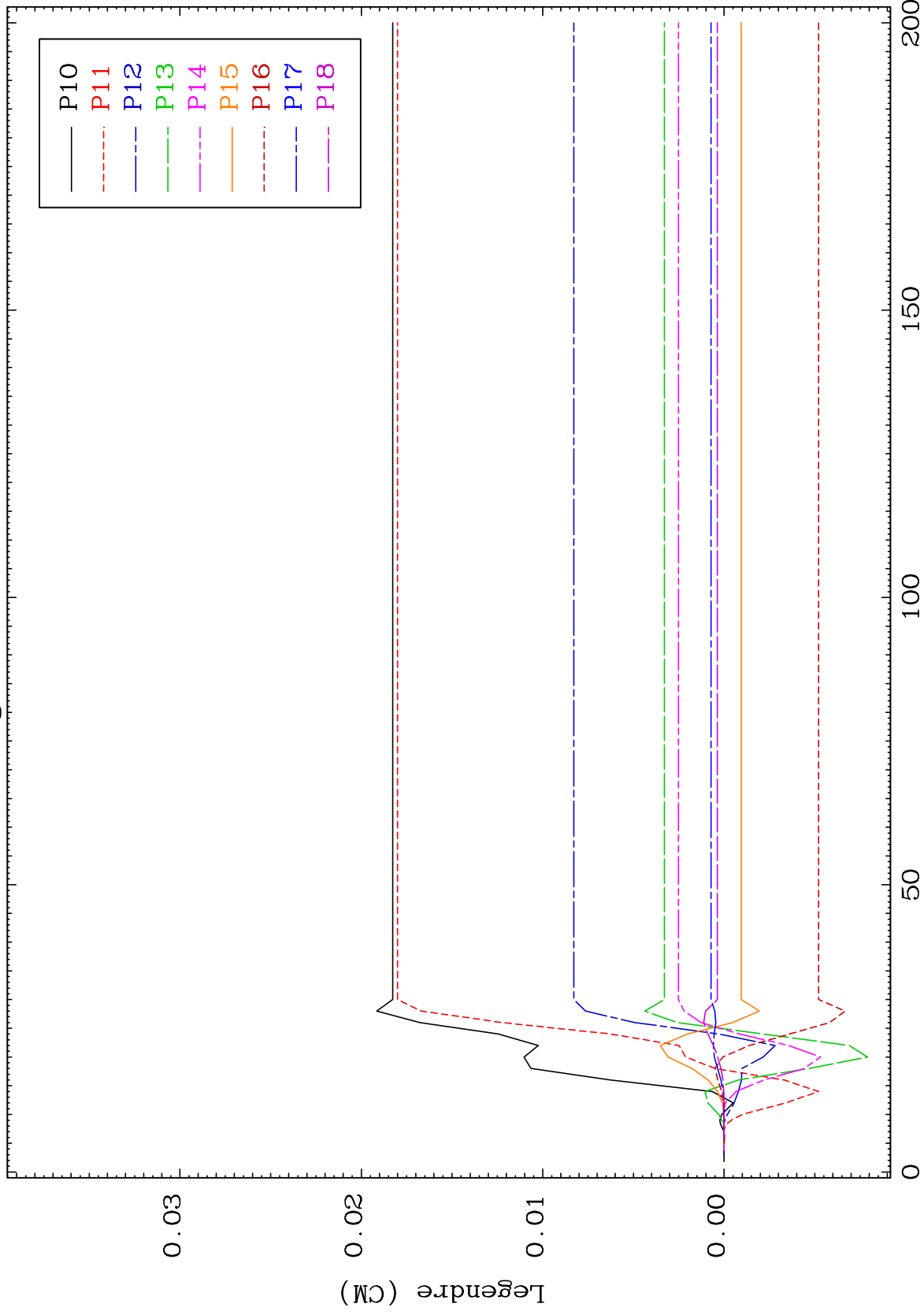
Incident Energy (MeV)

46

MAT 5625

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

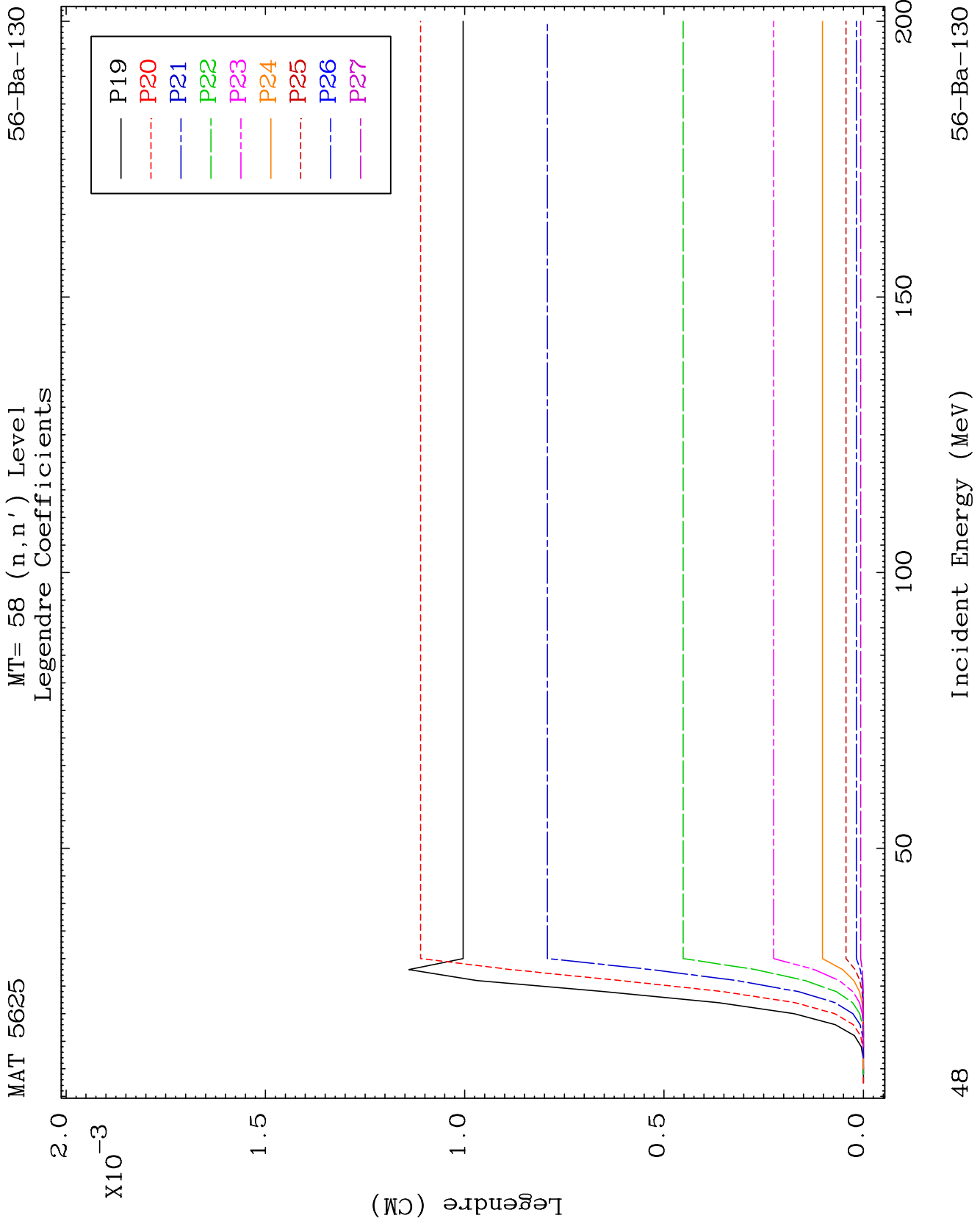
56-Ba-130



47

Incident Energy (MeV)

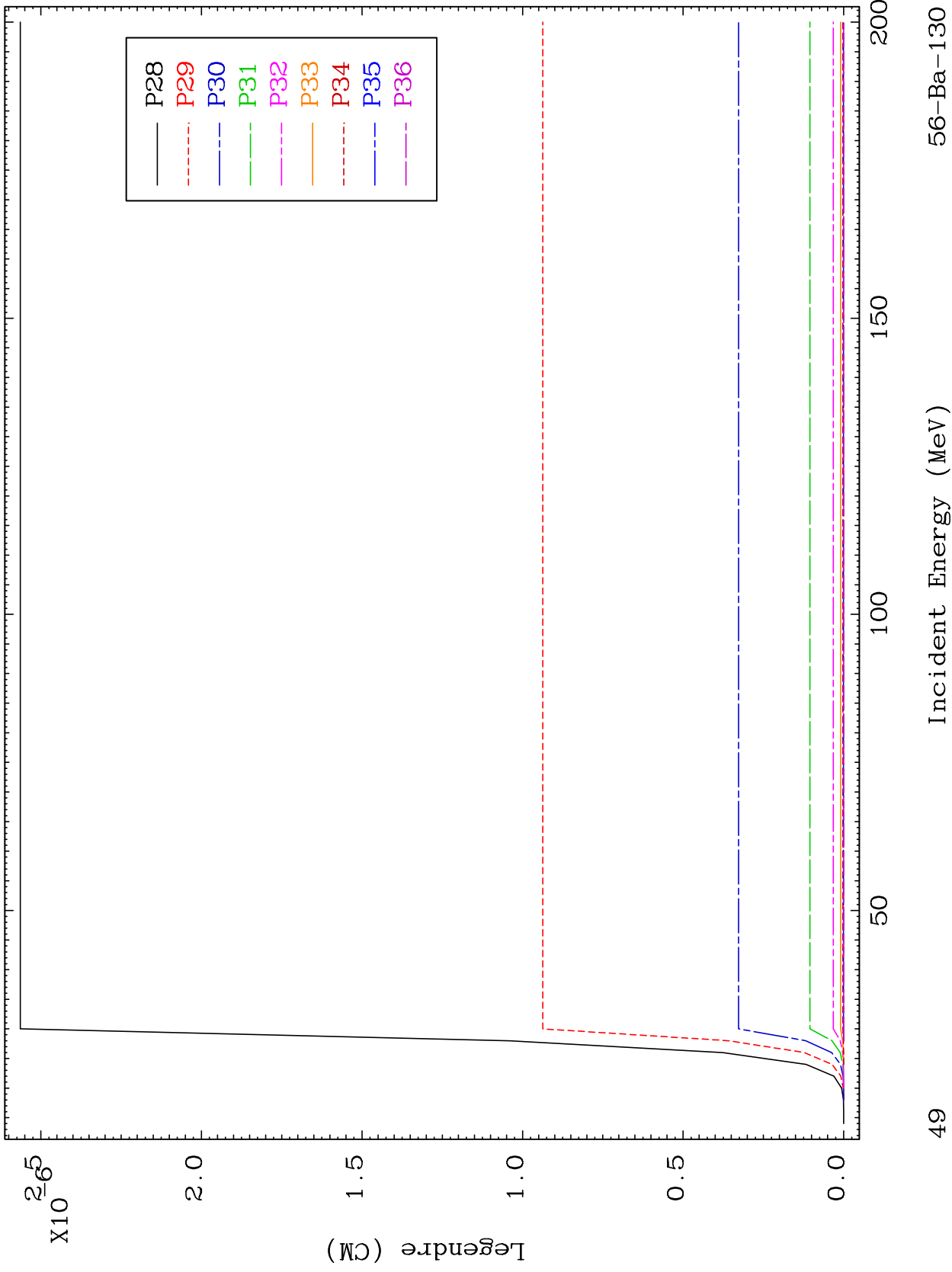
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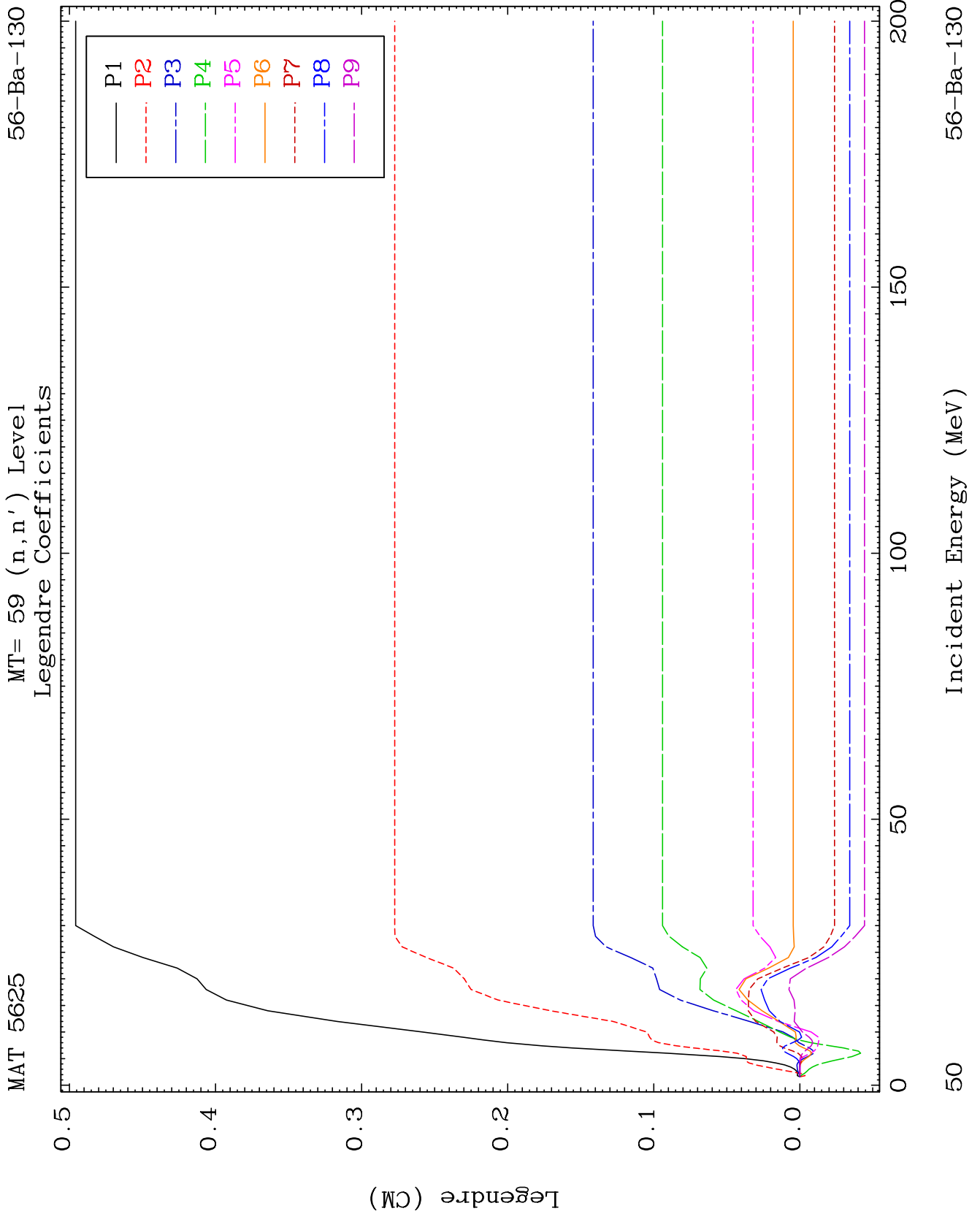
MAT 5625

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

56-Ba-130



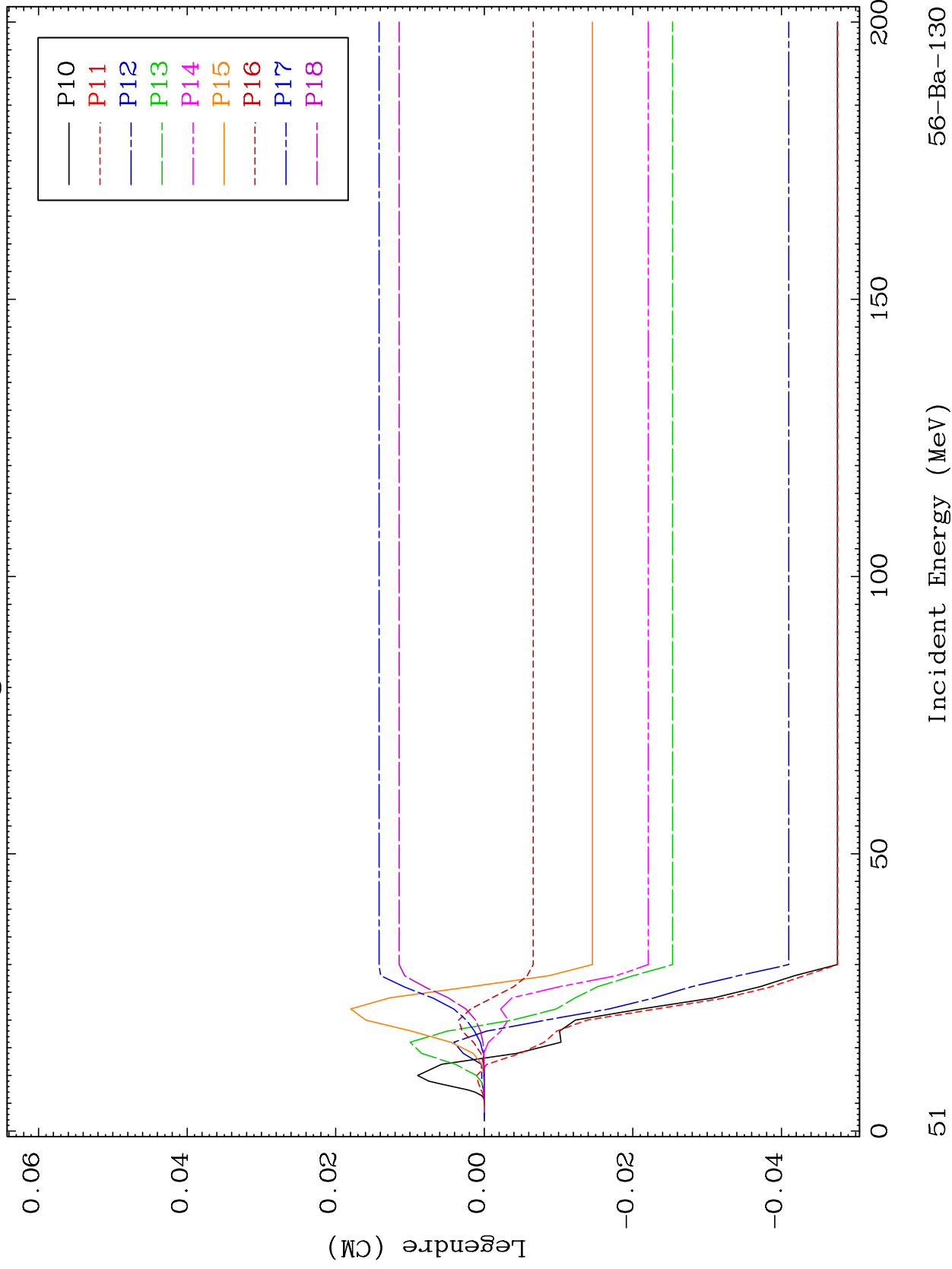
49



MAT 5625

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

56-Ba-130



51

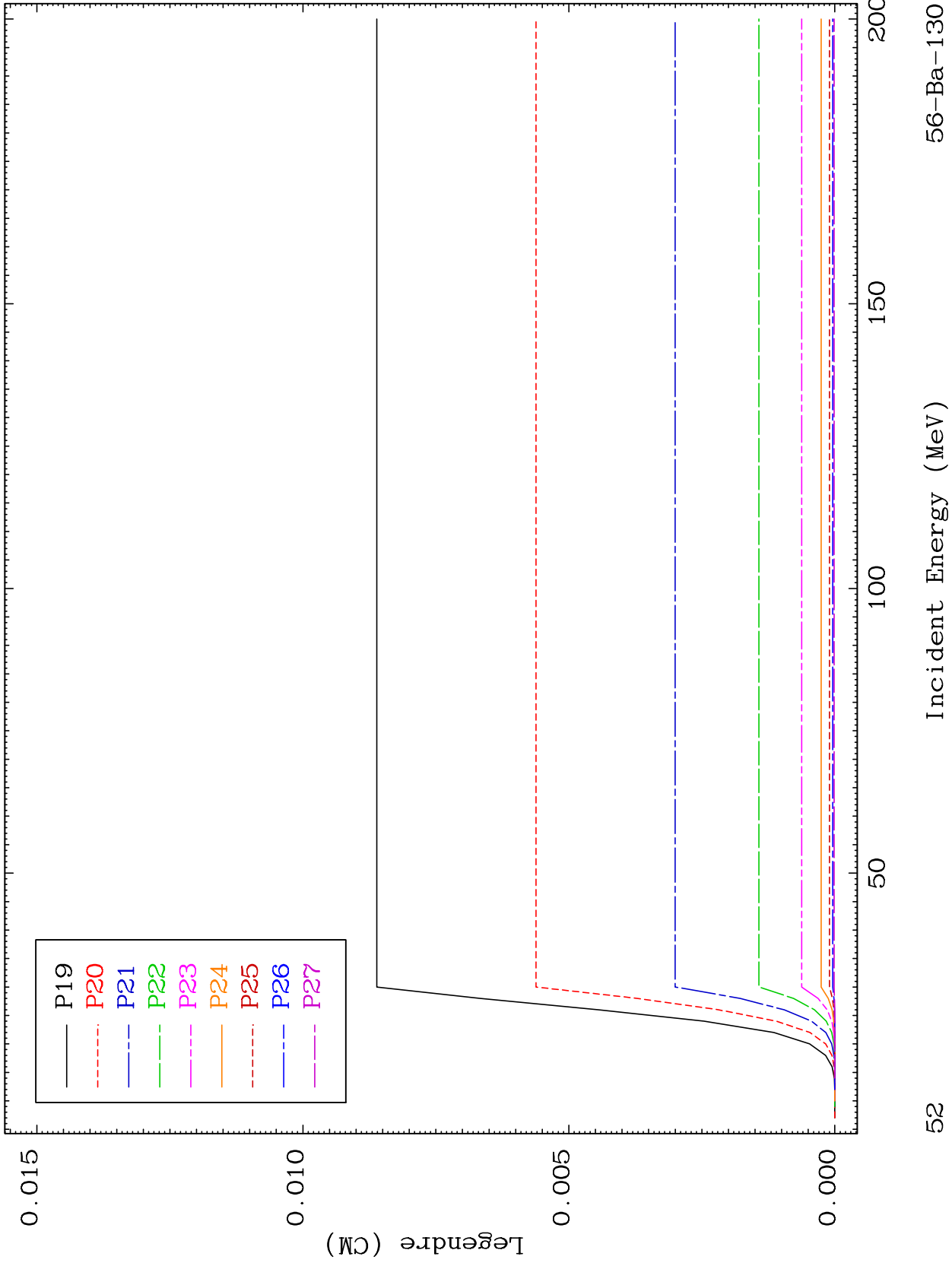
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



52

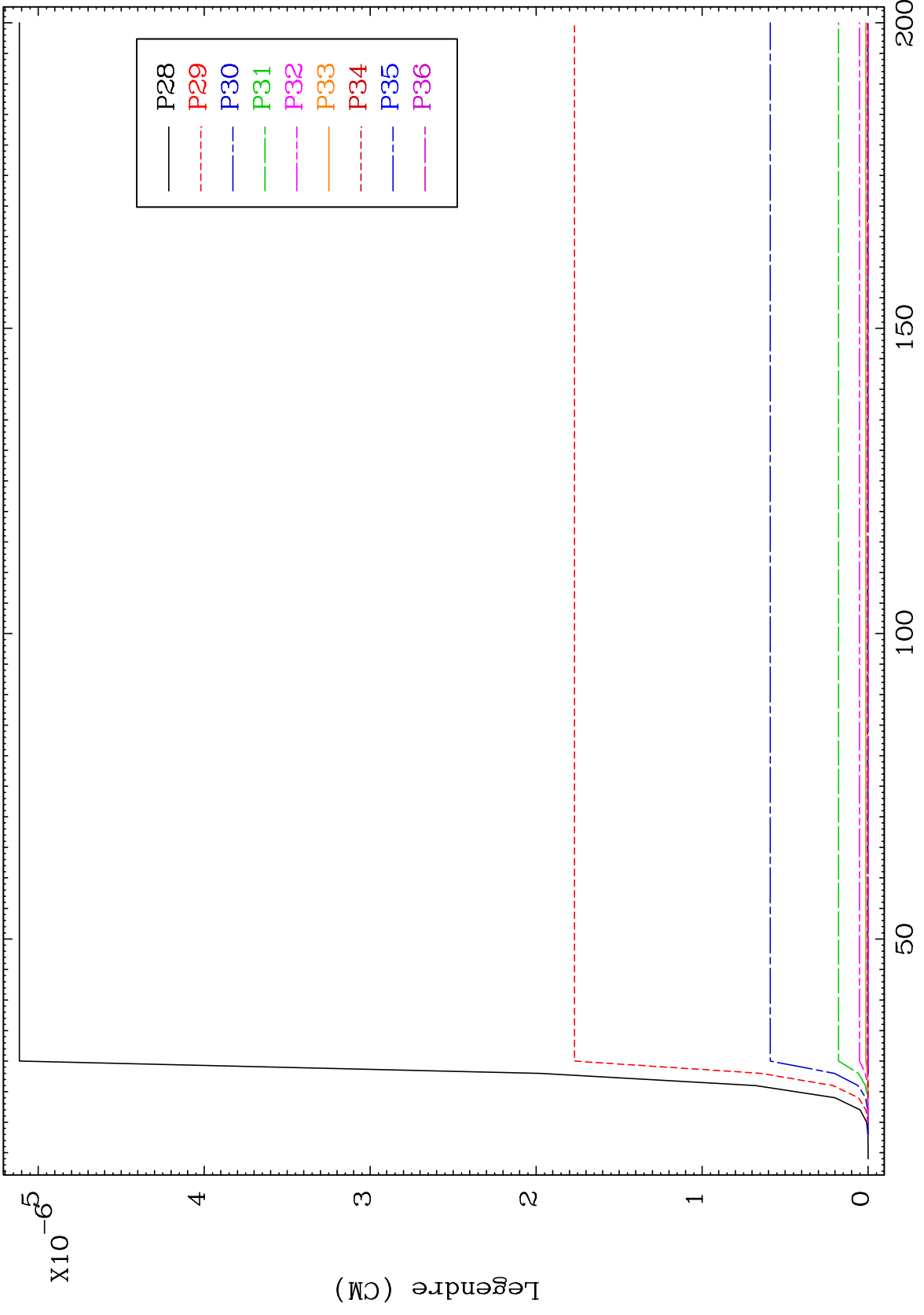
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



56-Ba-130

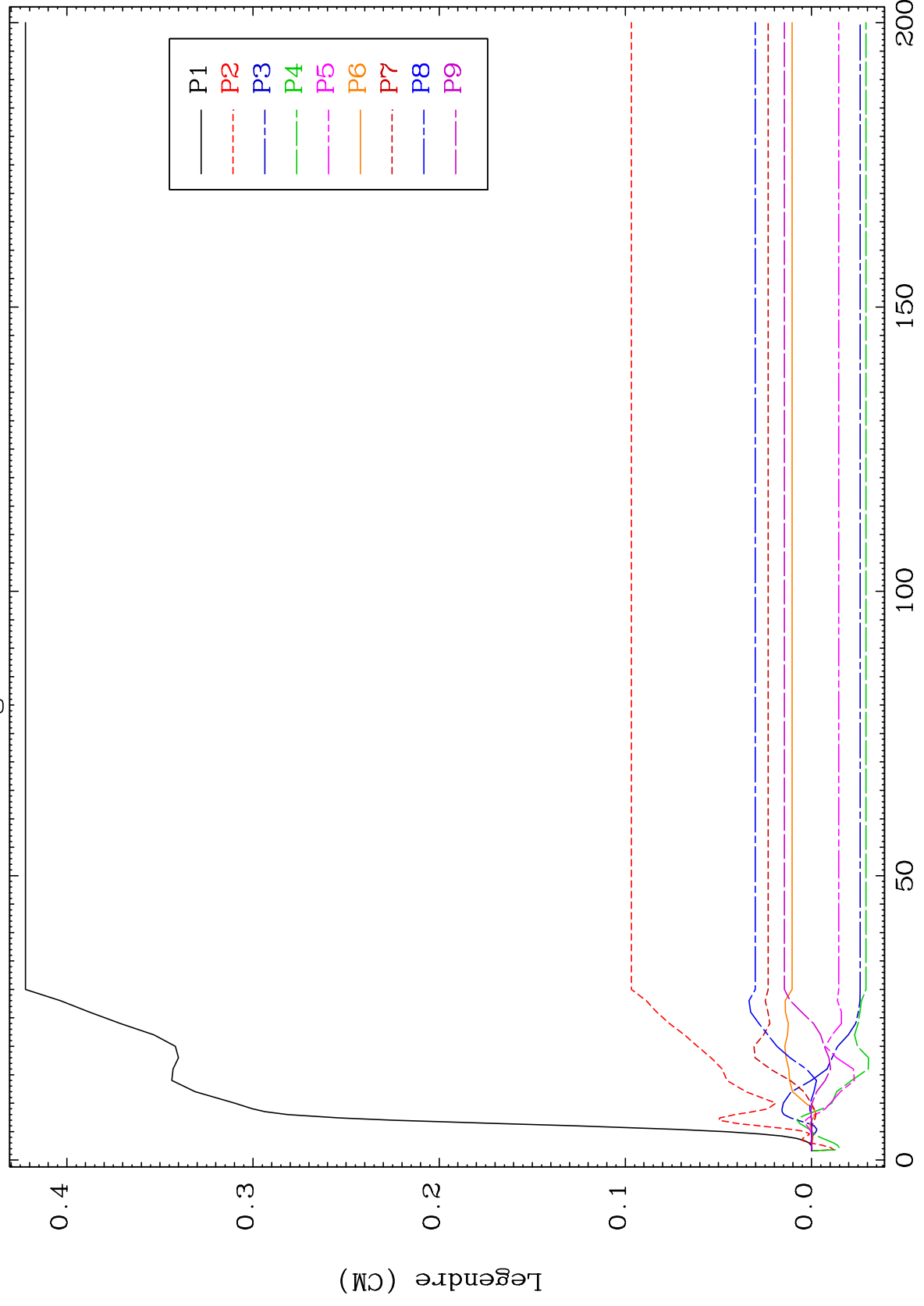
Incident Energy (MeV)

53

MAT 5625

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

56-Ba-130



54

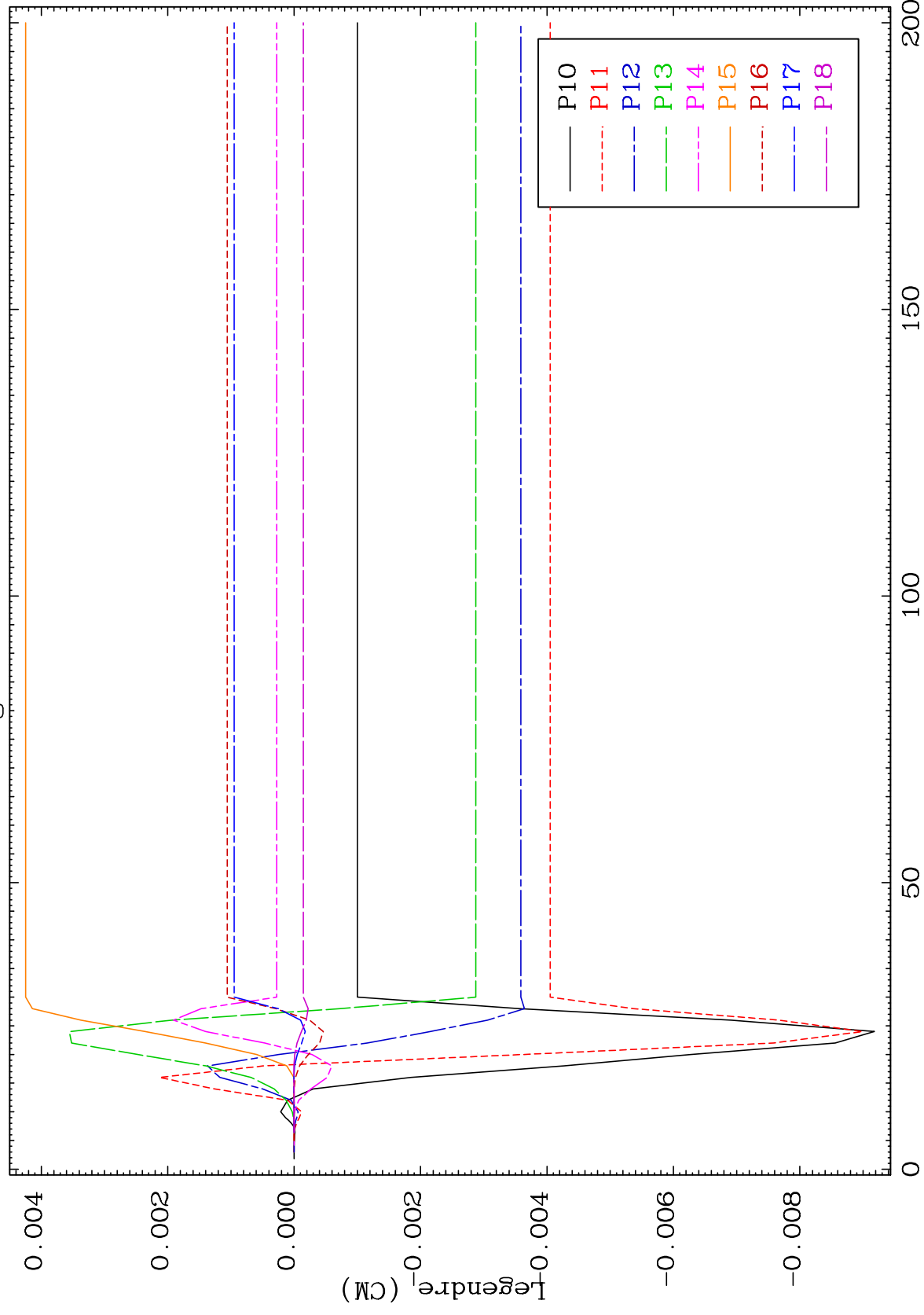
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

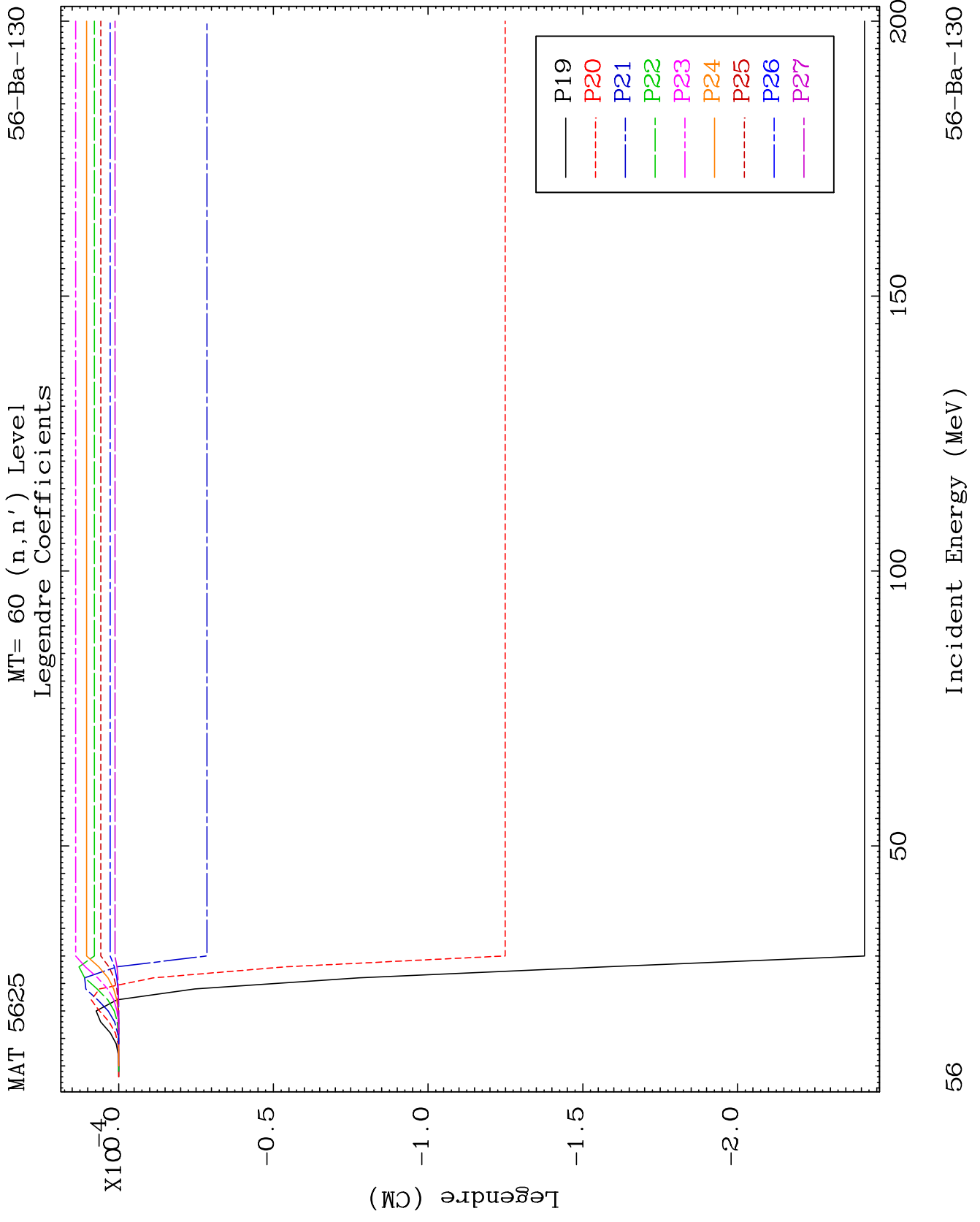
56-Ba-130



55

Incident Energy (MeV)

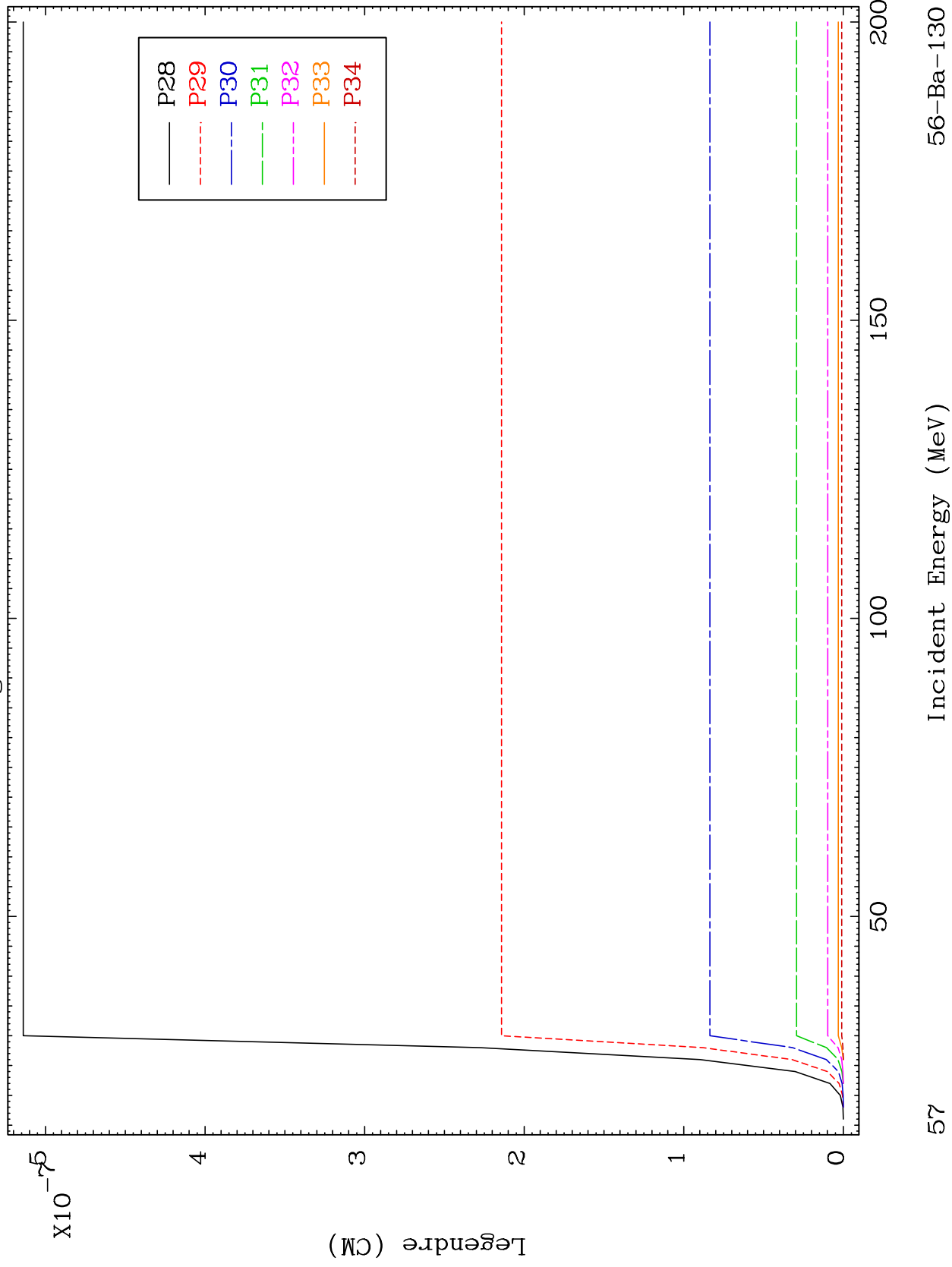
56-Ba-130



MAT 5625

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

56-Ba-130



57

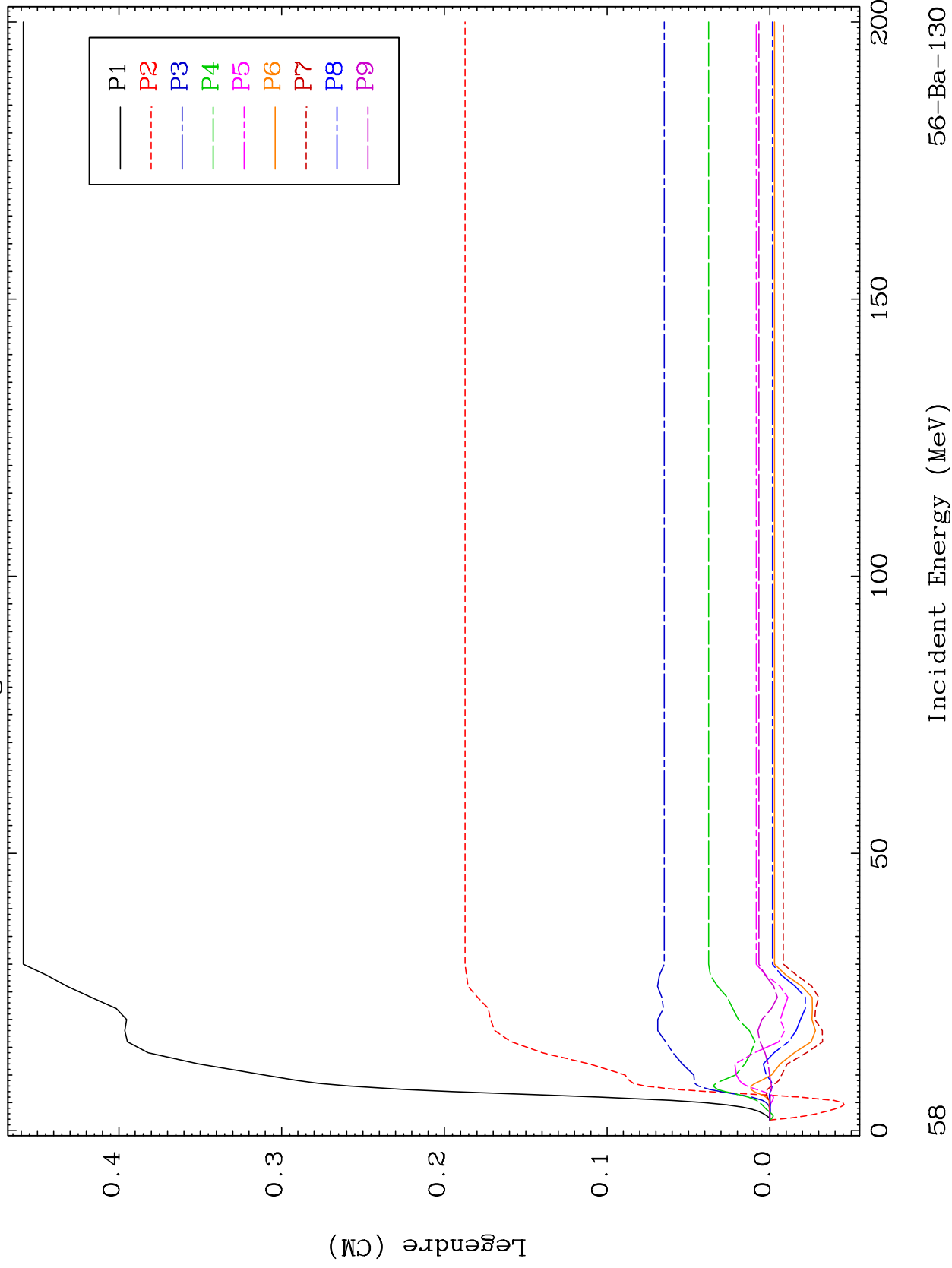
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



56-Ba-130

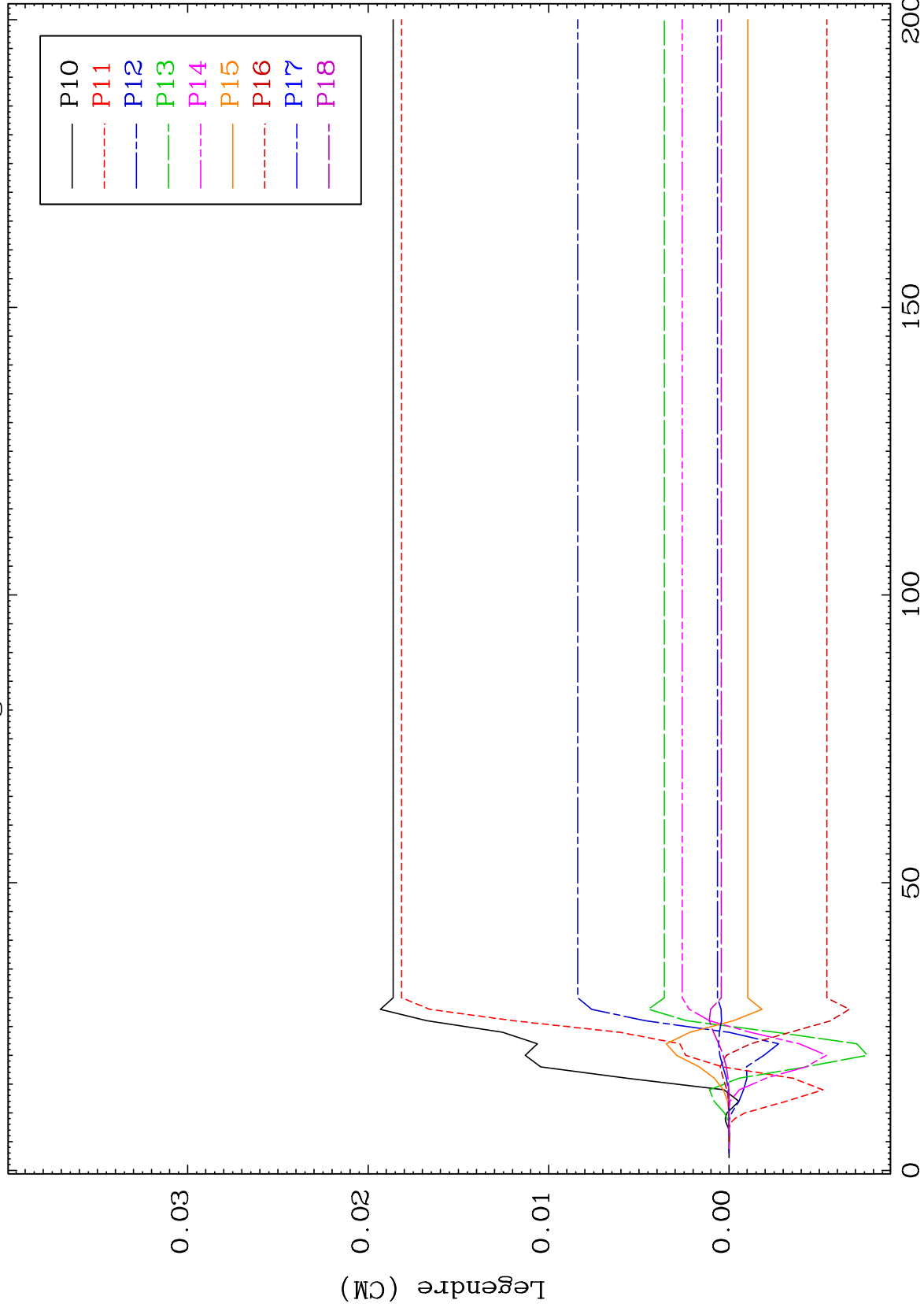
Incident Energy (MeV)

58

MAT 5625

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

56-Ba-130



59

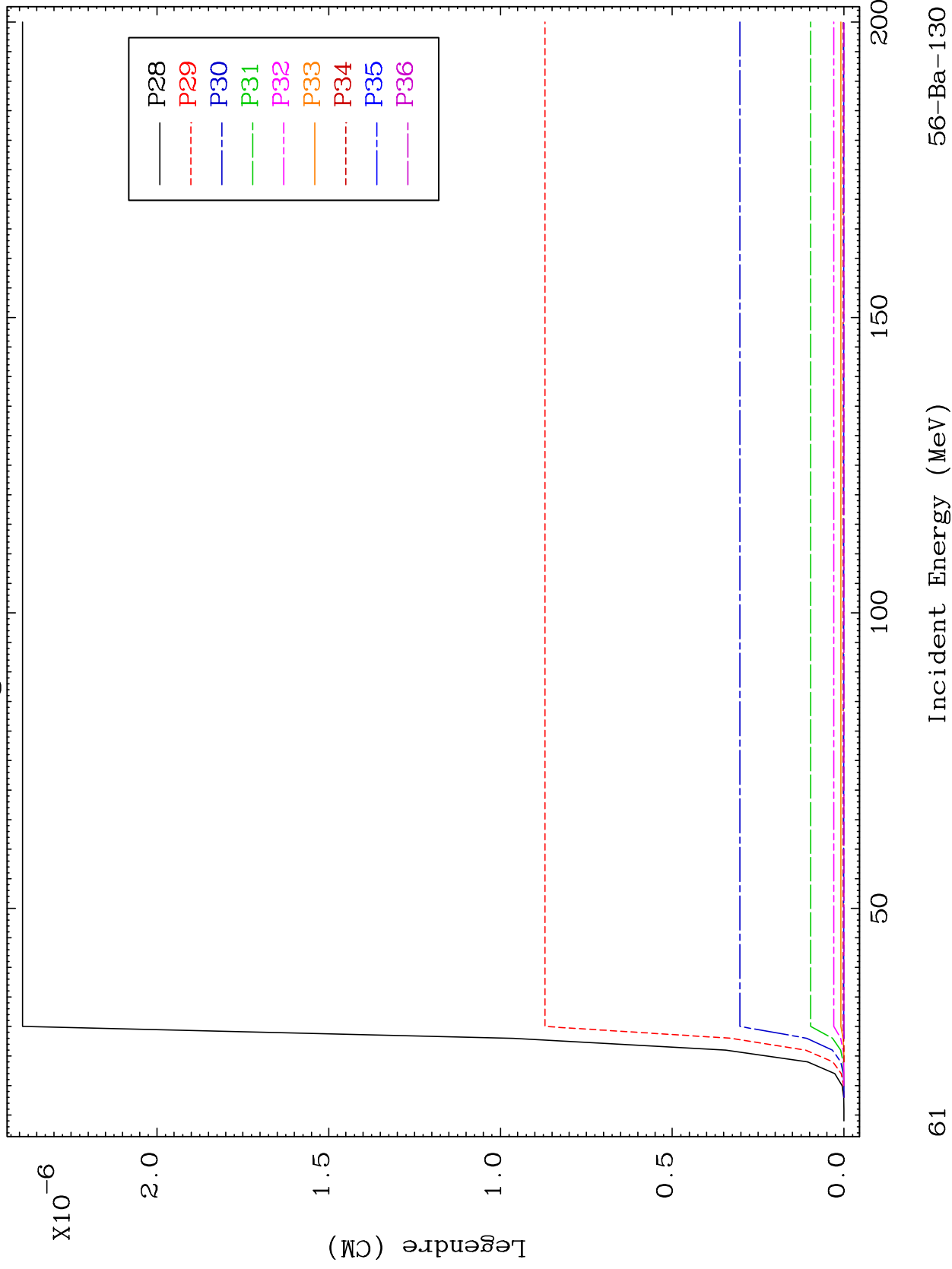
Incident Energy (MeV)

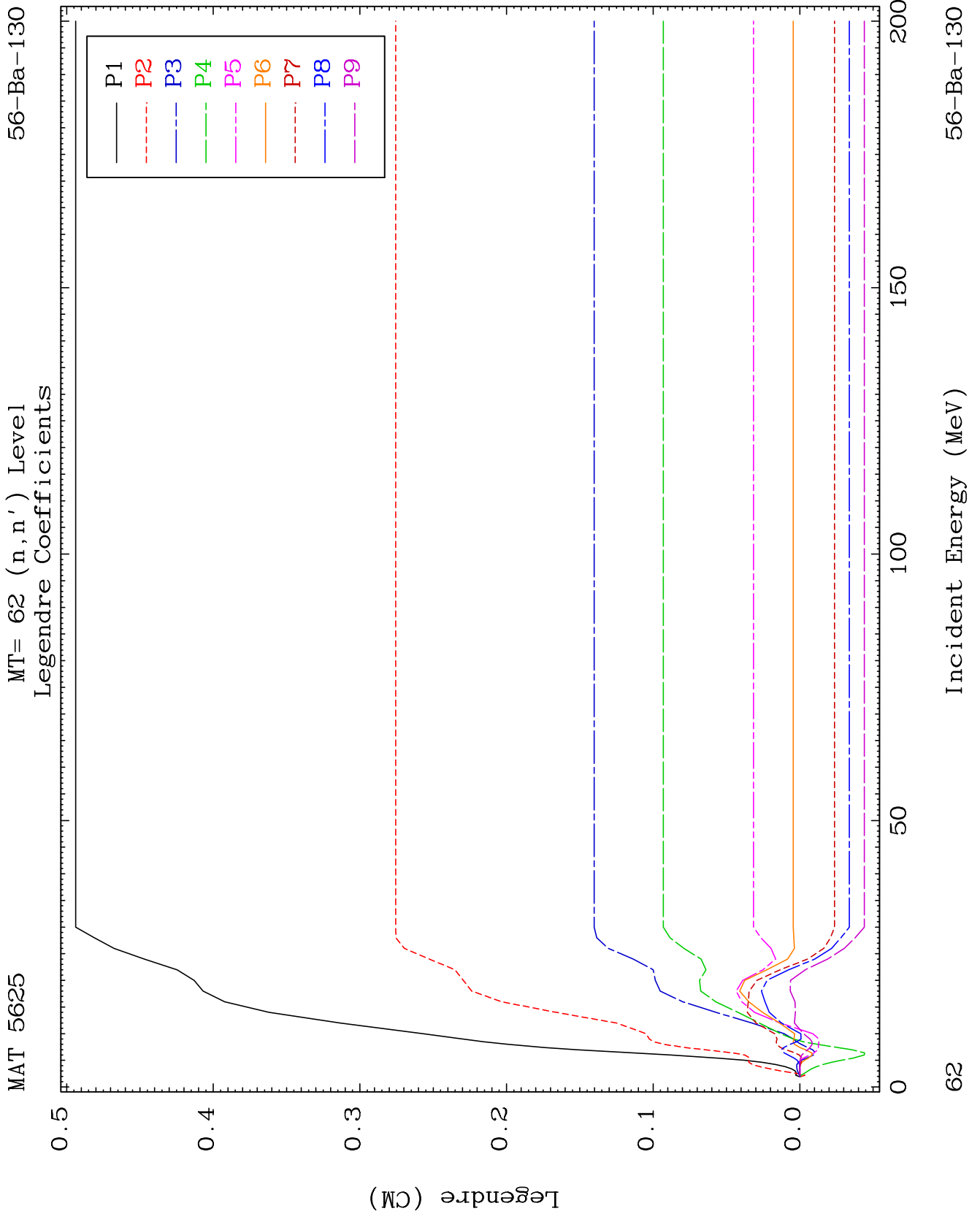
56-Ba-130

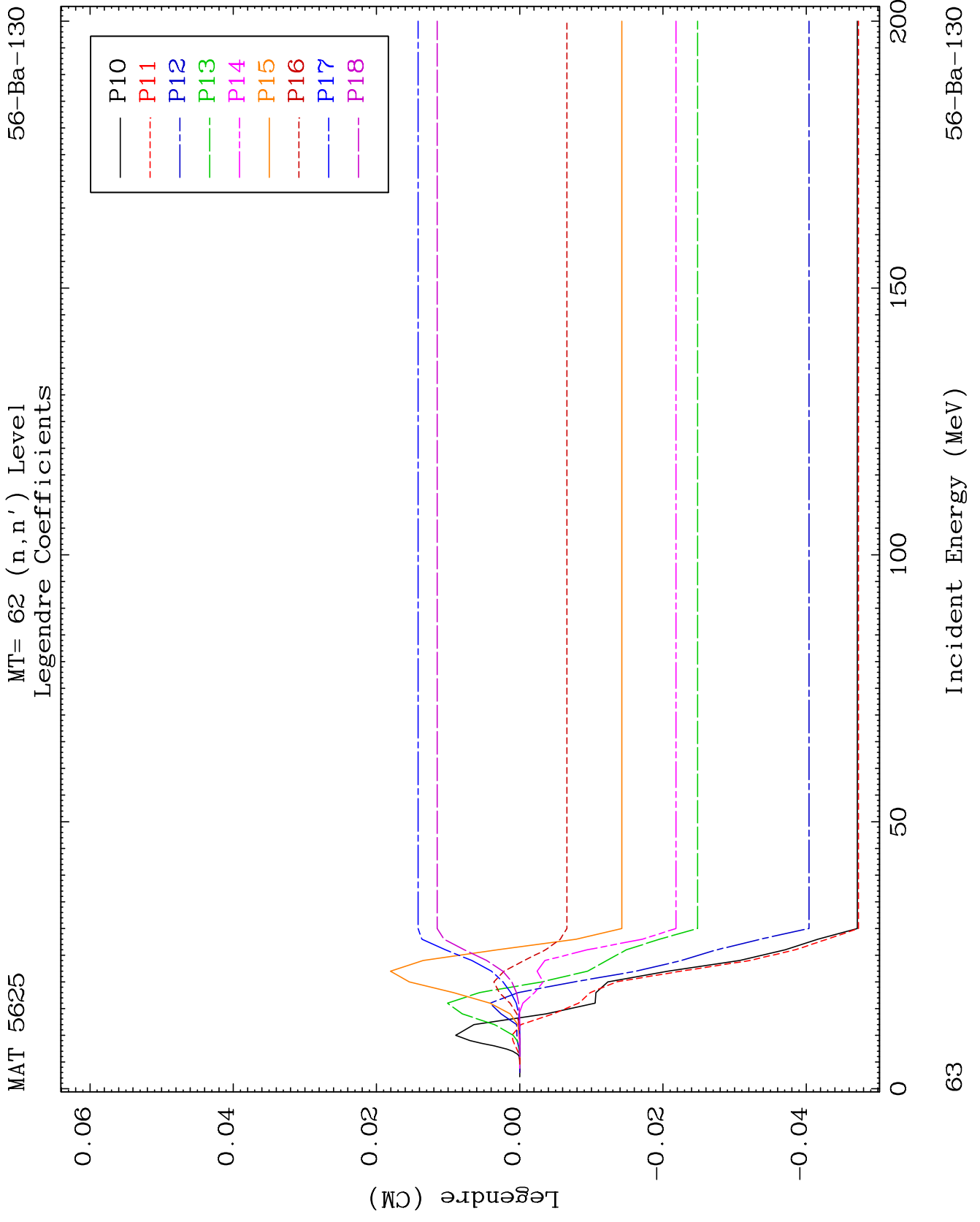
MAT 5625

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

56-Ba-130



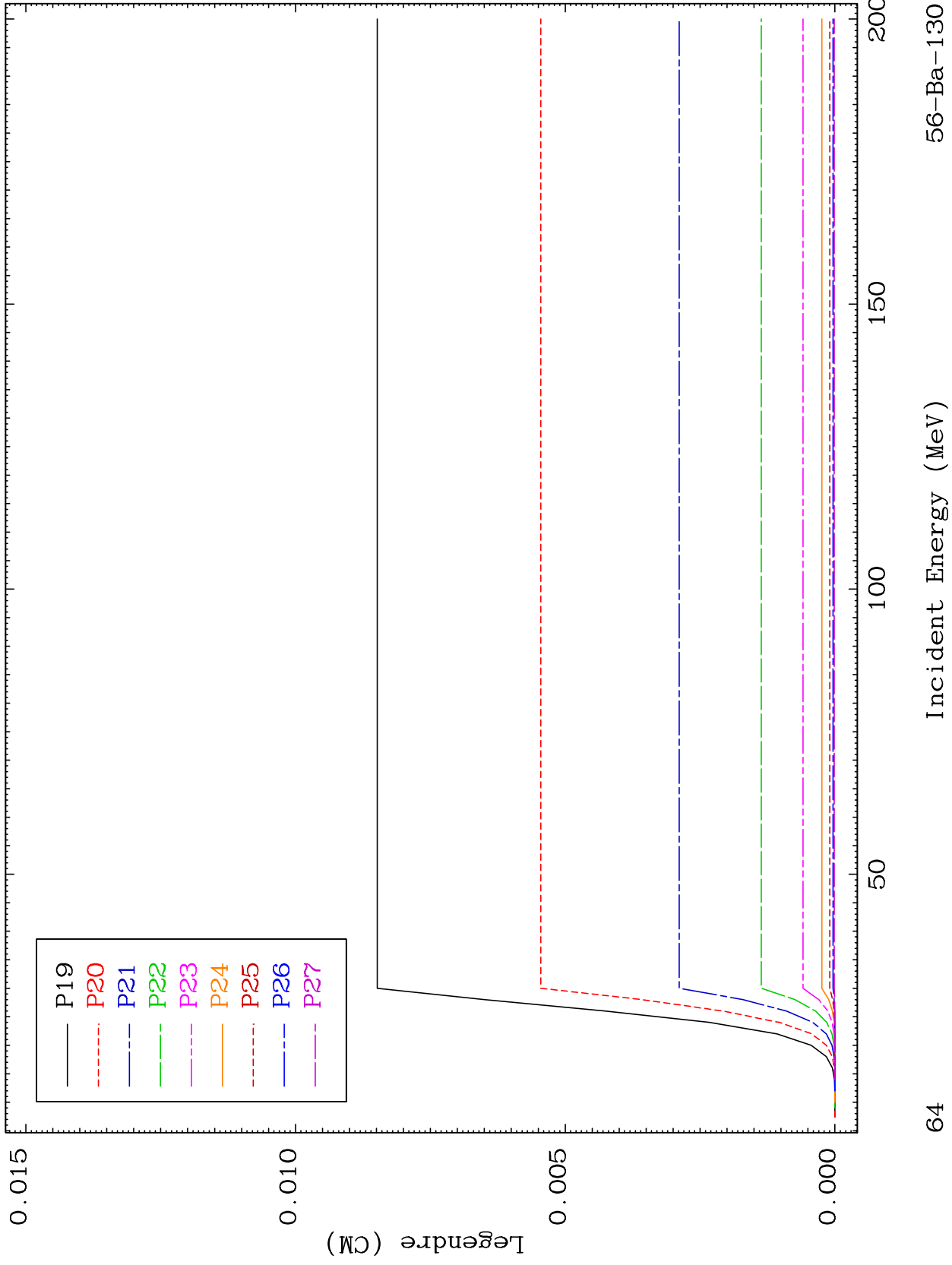




MAT 5625

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

56-Ba-130



64

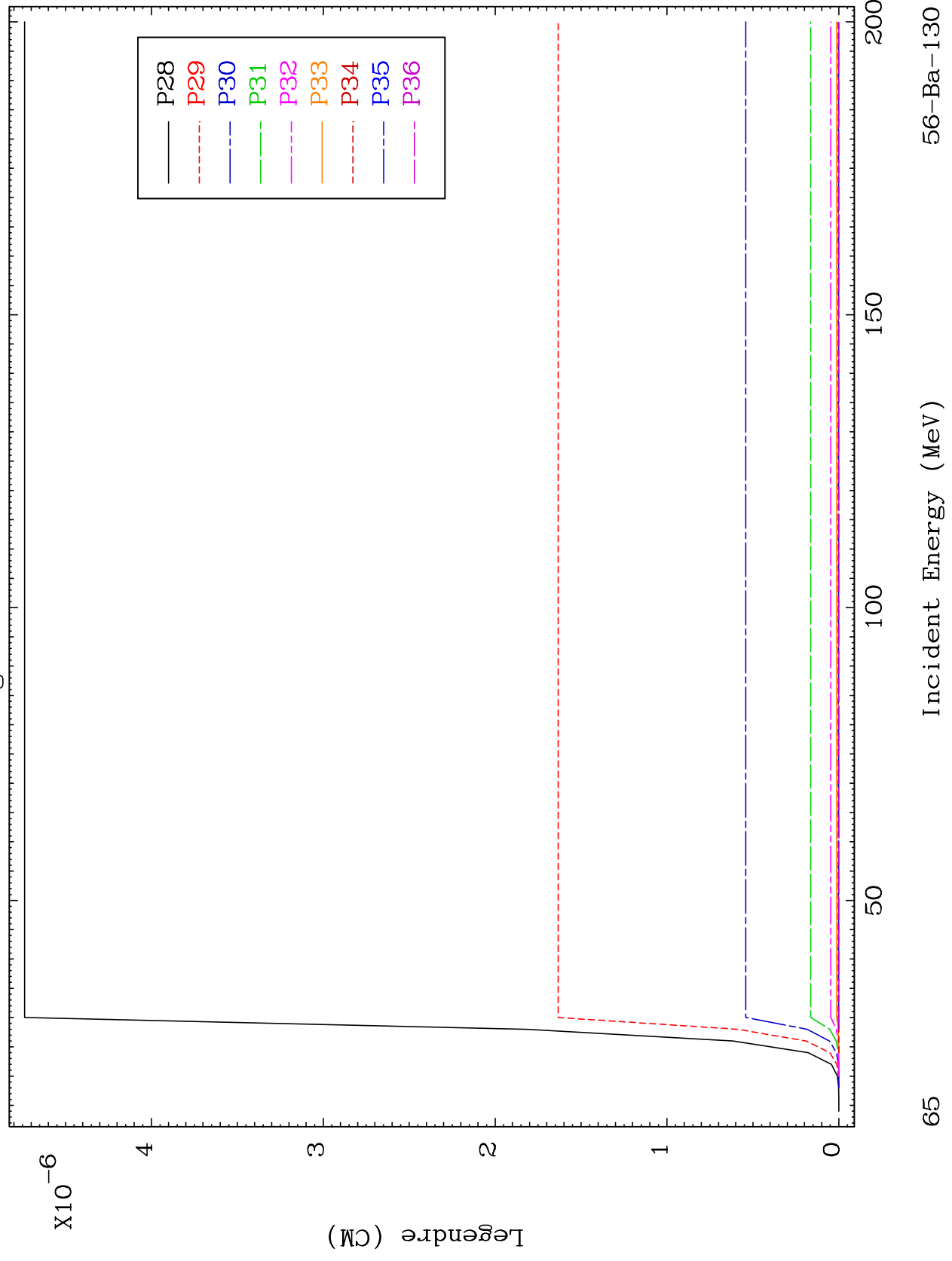
Incident Energy (MeV)

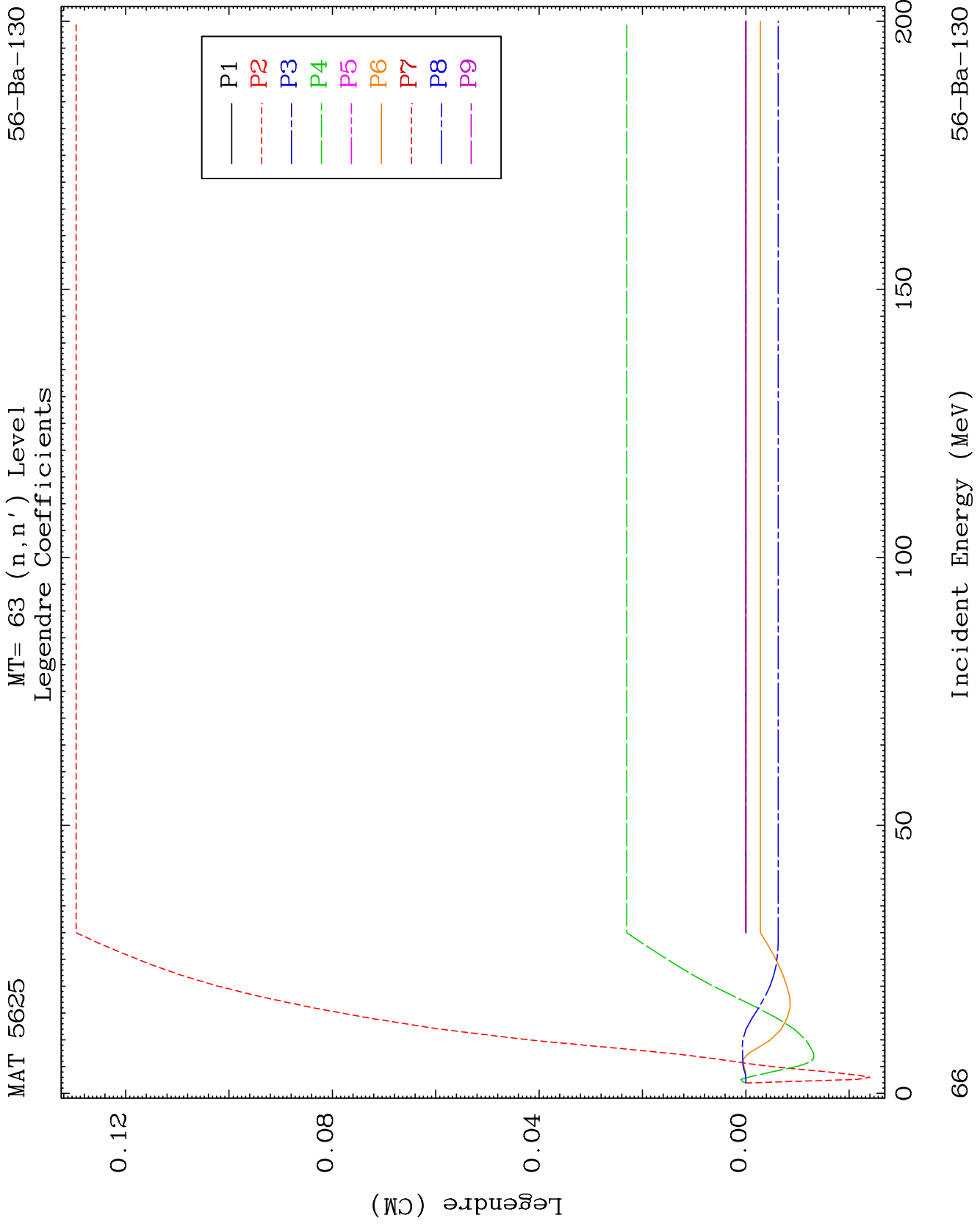
56-Ba-130

MAT 5625

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

56-Ba-130

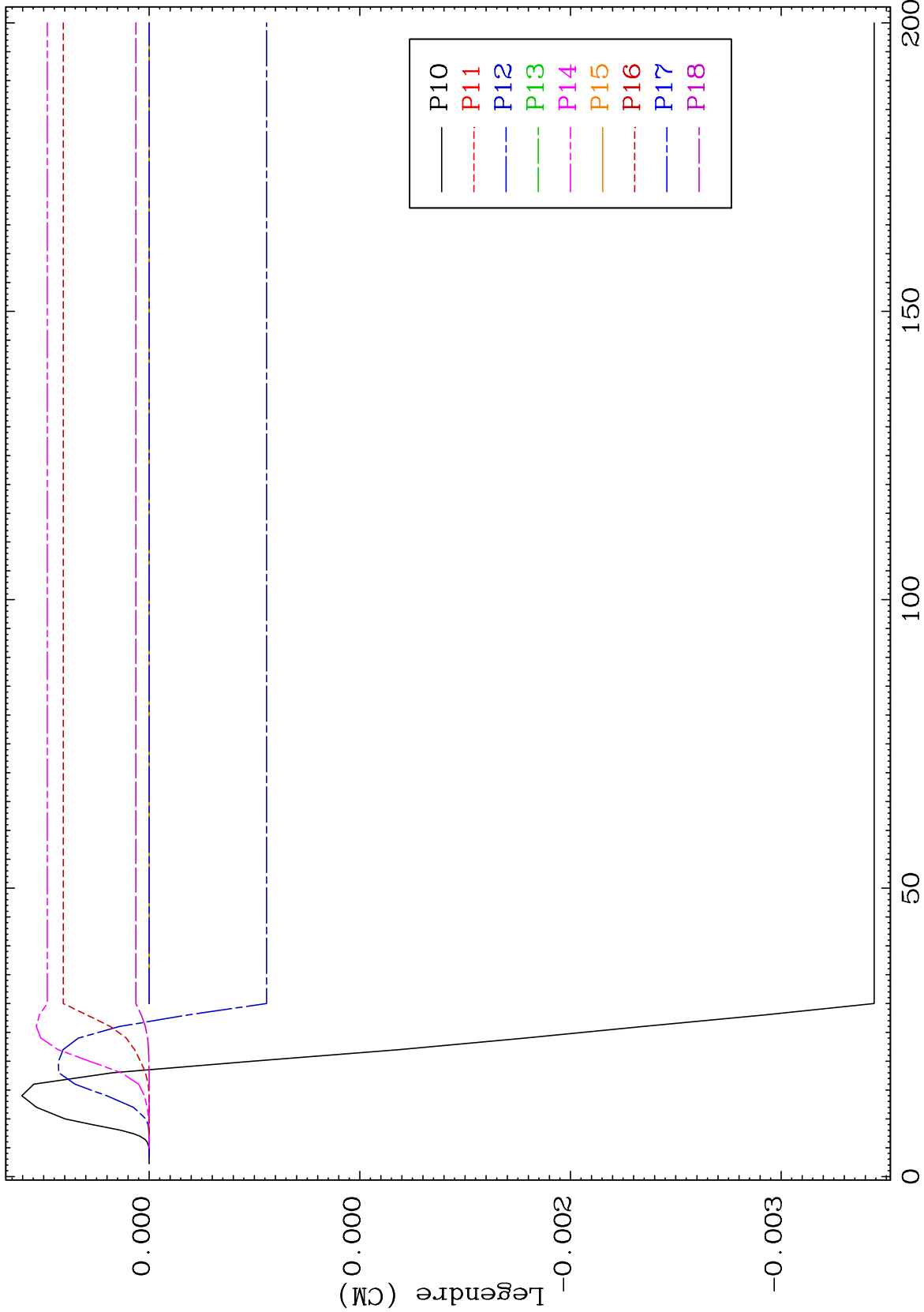




MAT 5625

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

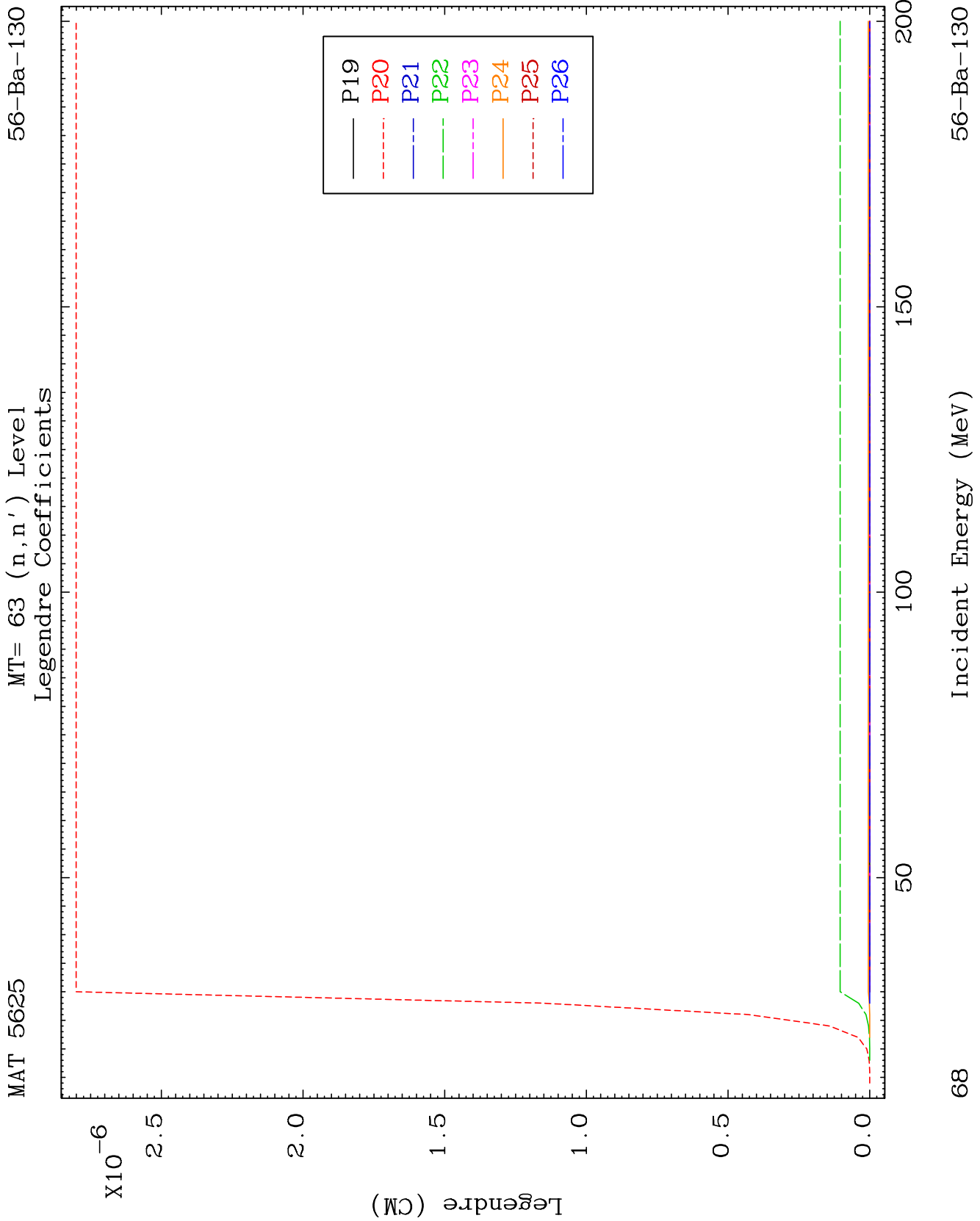
56-Ba-130



67

Incident Energy (MeV)

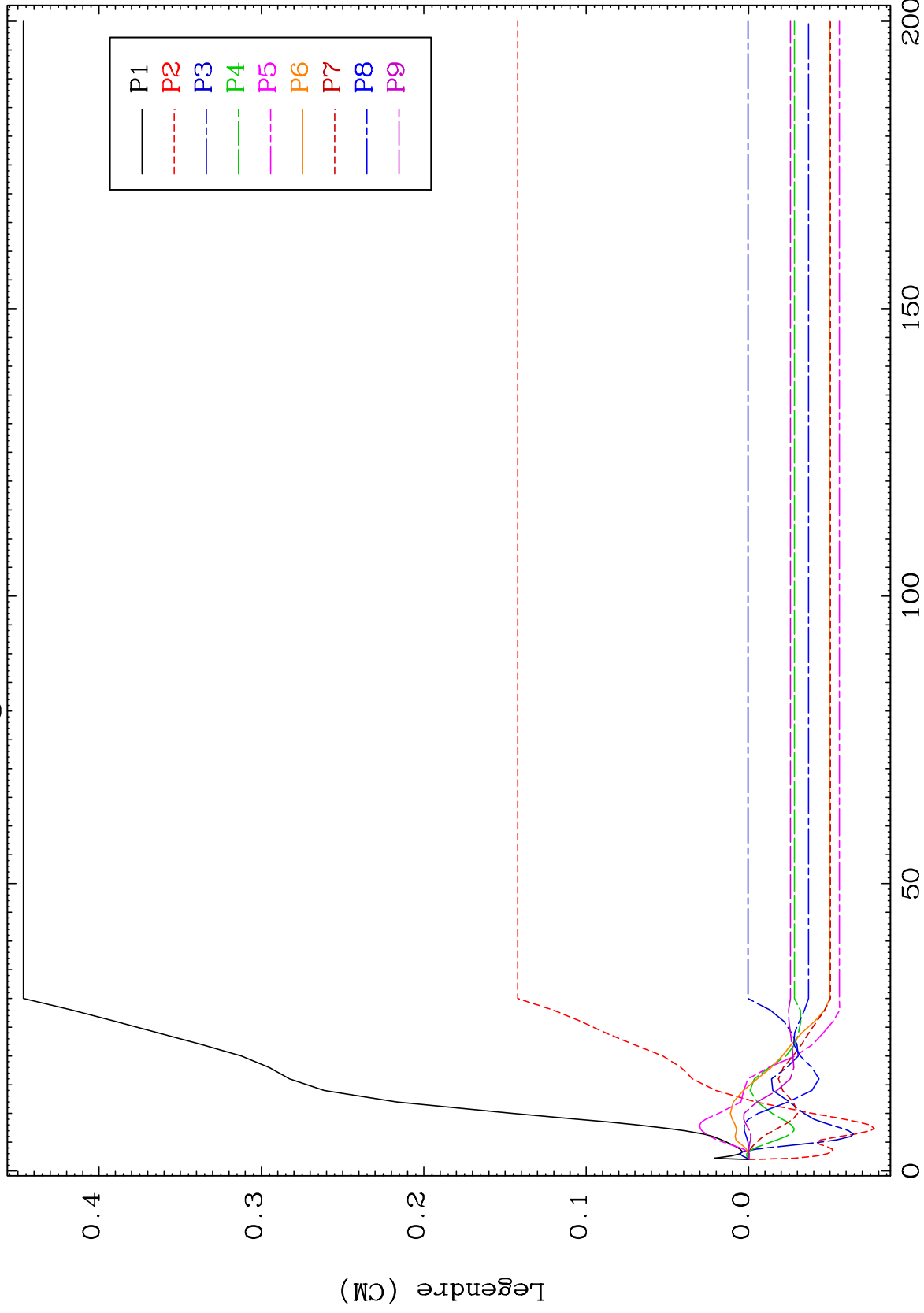
56-Ba-130



MAT 5625

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

56-Ba-130



56-Ba-130

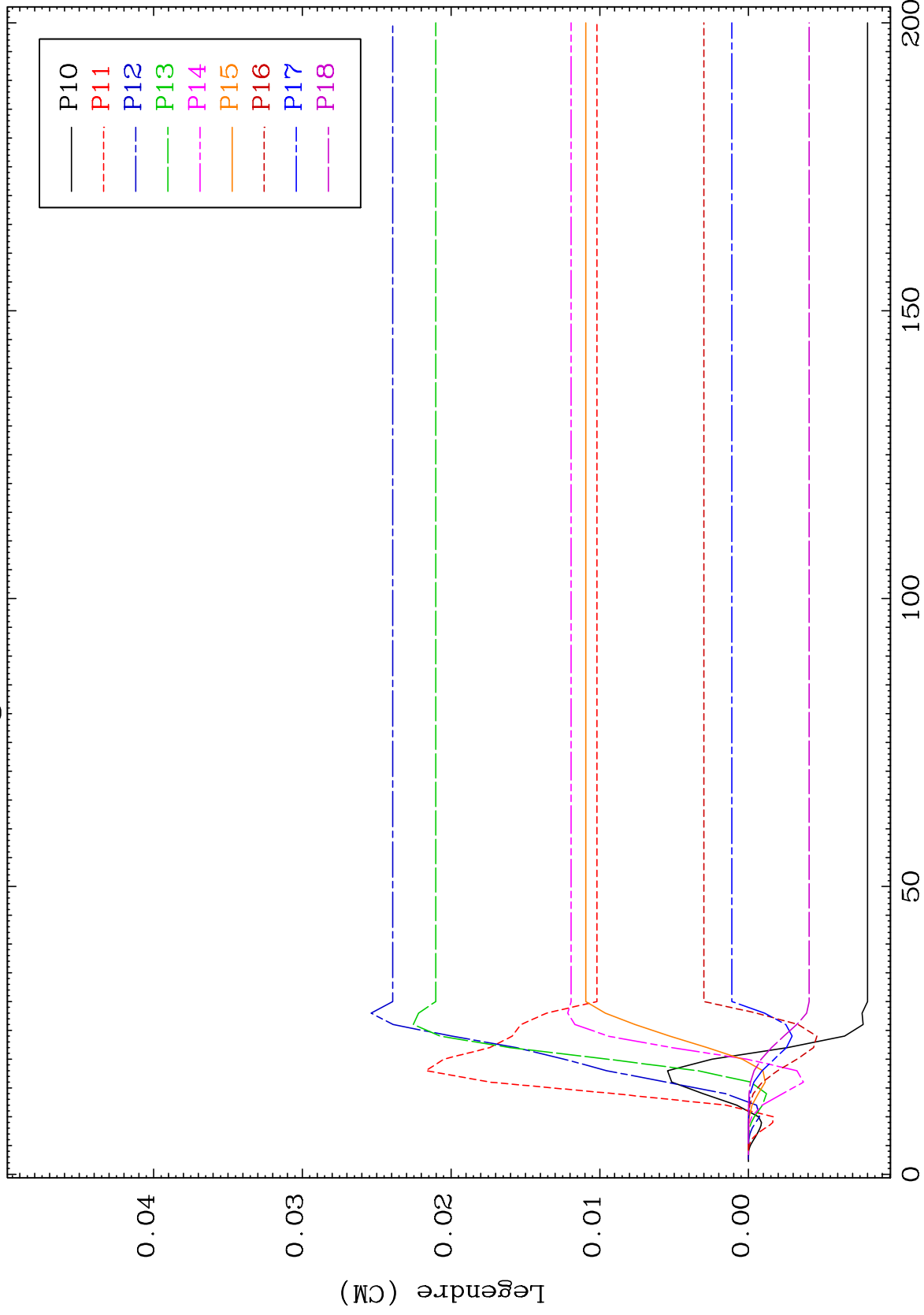
Incident Energy (MeV)

69

MAT 5625

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

56-Ba-130



70

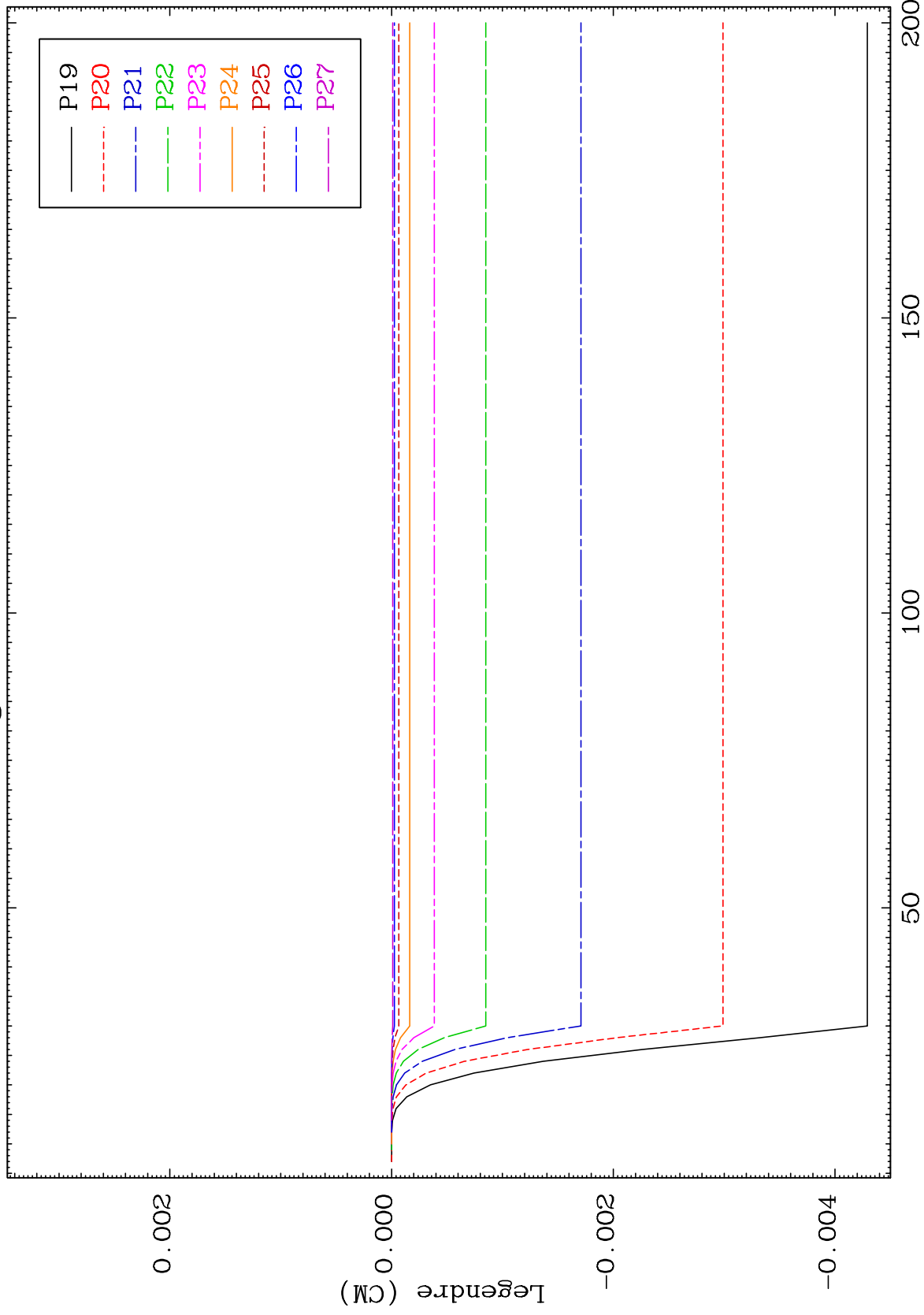
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

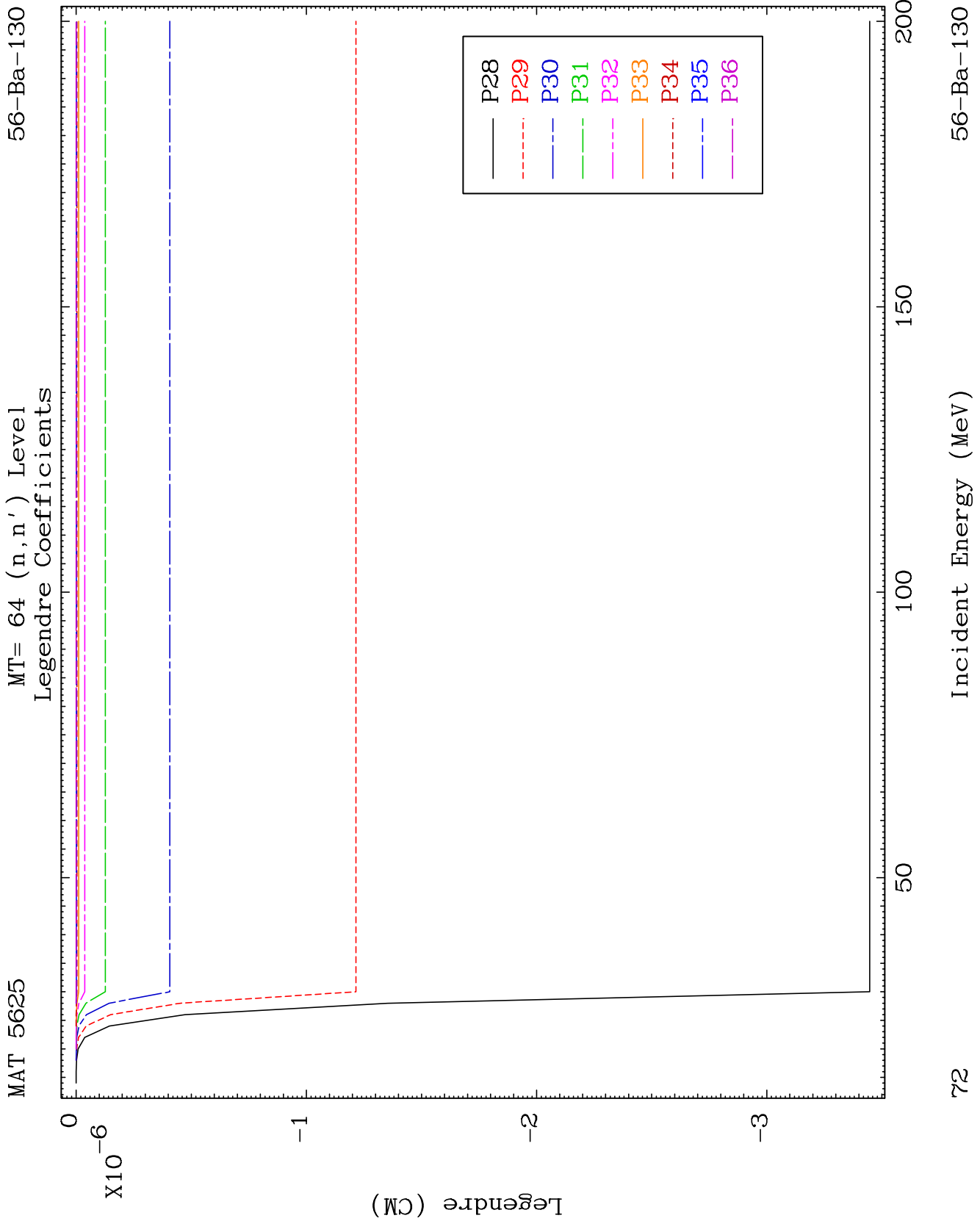
56-Ba-130

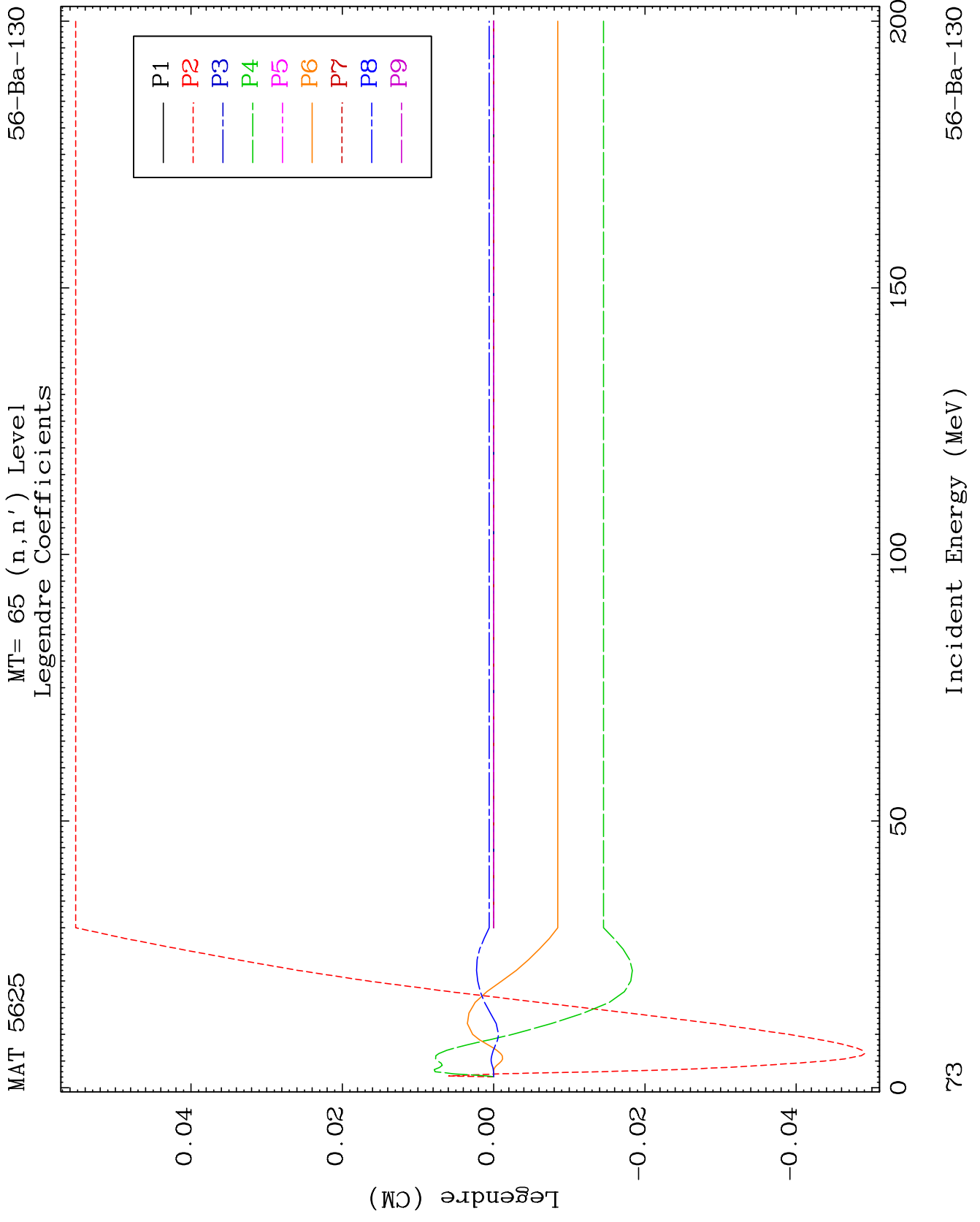


71

Incident Energy (MeV)

56-Ba-130





56-Ba-130

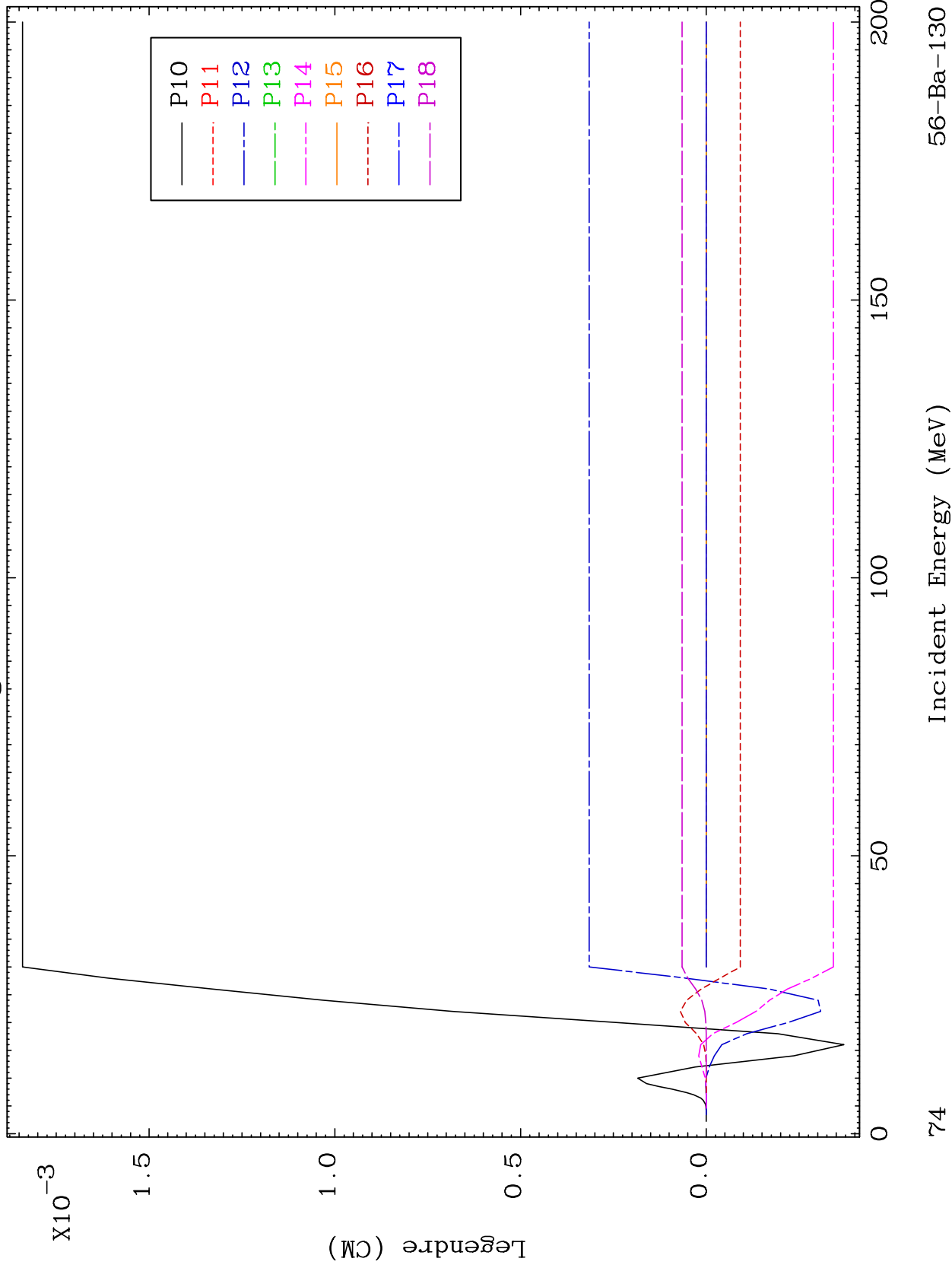
Incident Energy (MeV)

73

MAT 5625

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

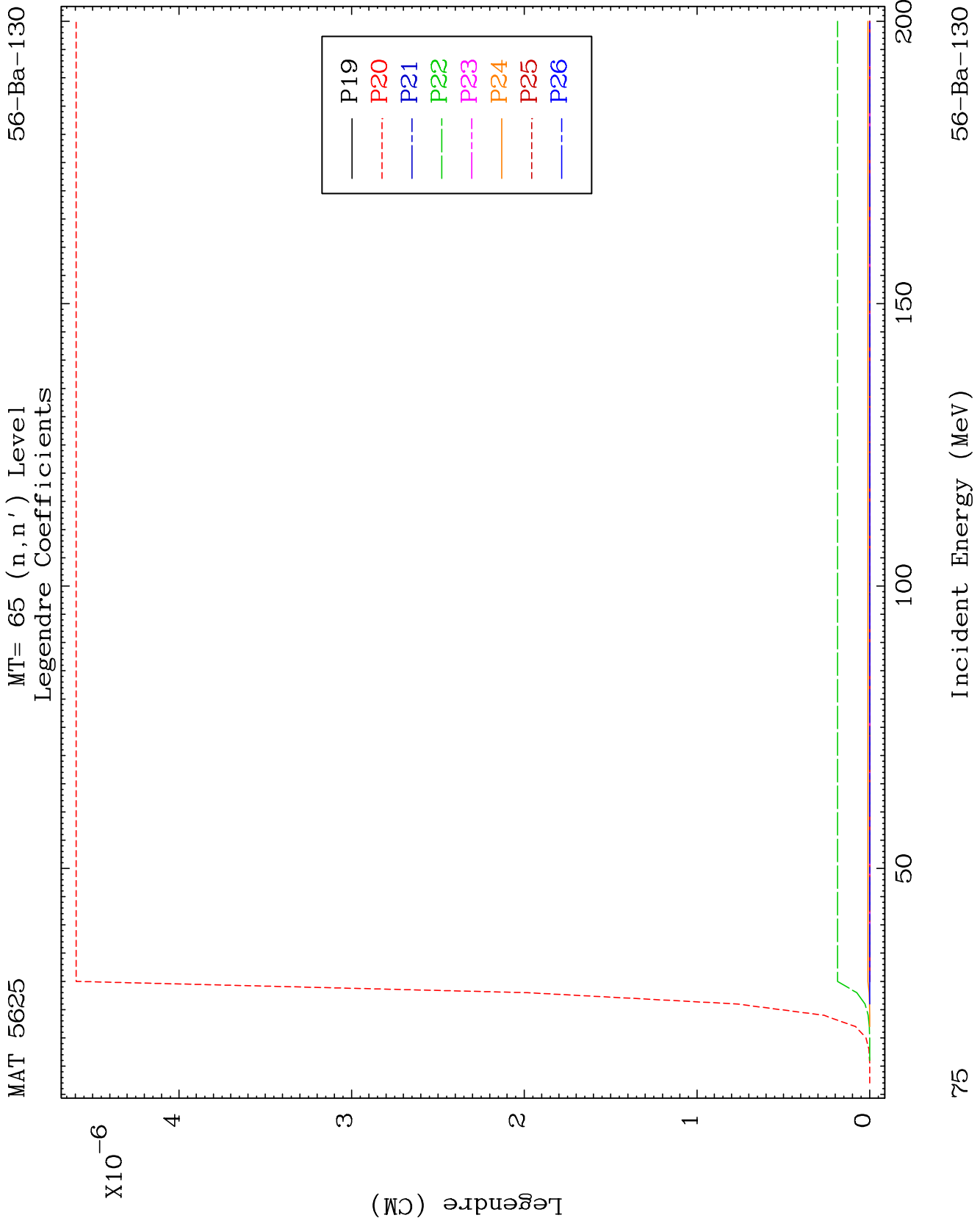
56-Ba-130



74

Incident Energy (MeV)

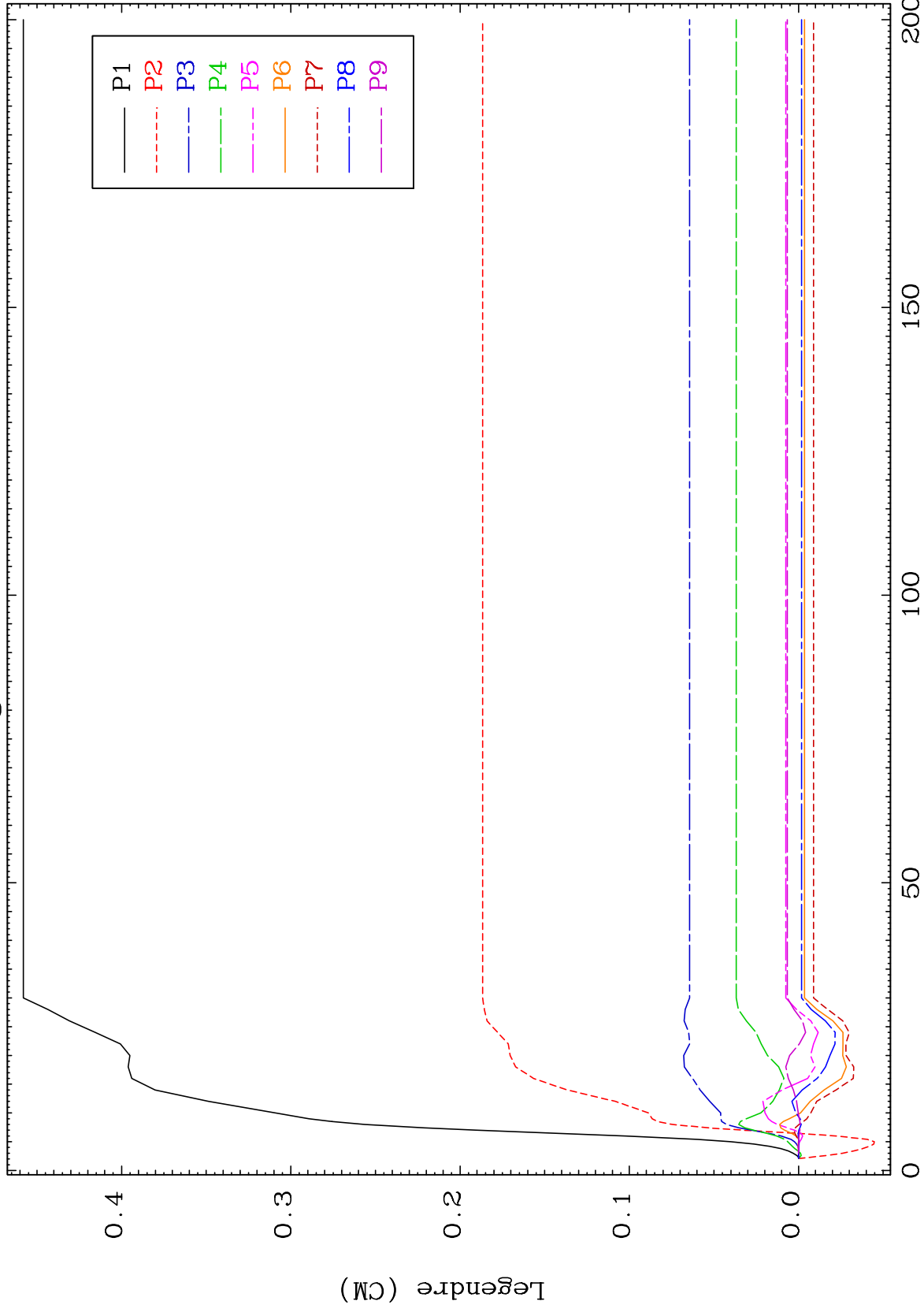
56-Ba-130



MAT 5625

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

56-Ba-130



56-Ba-130

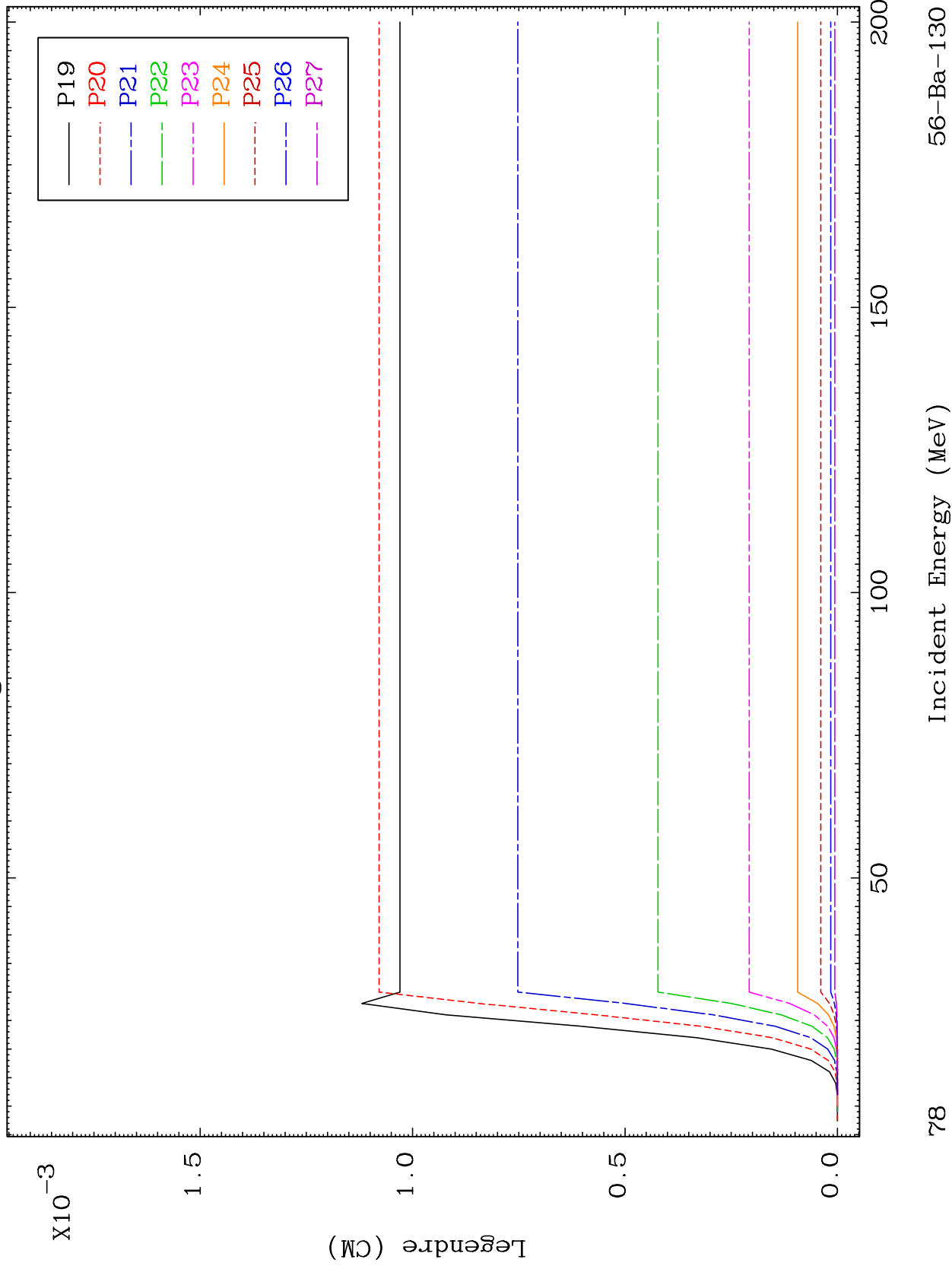
Incident Energy (MeV)

76

MAT 5625

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

56-Ba-130



78

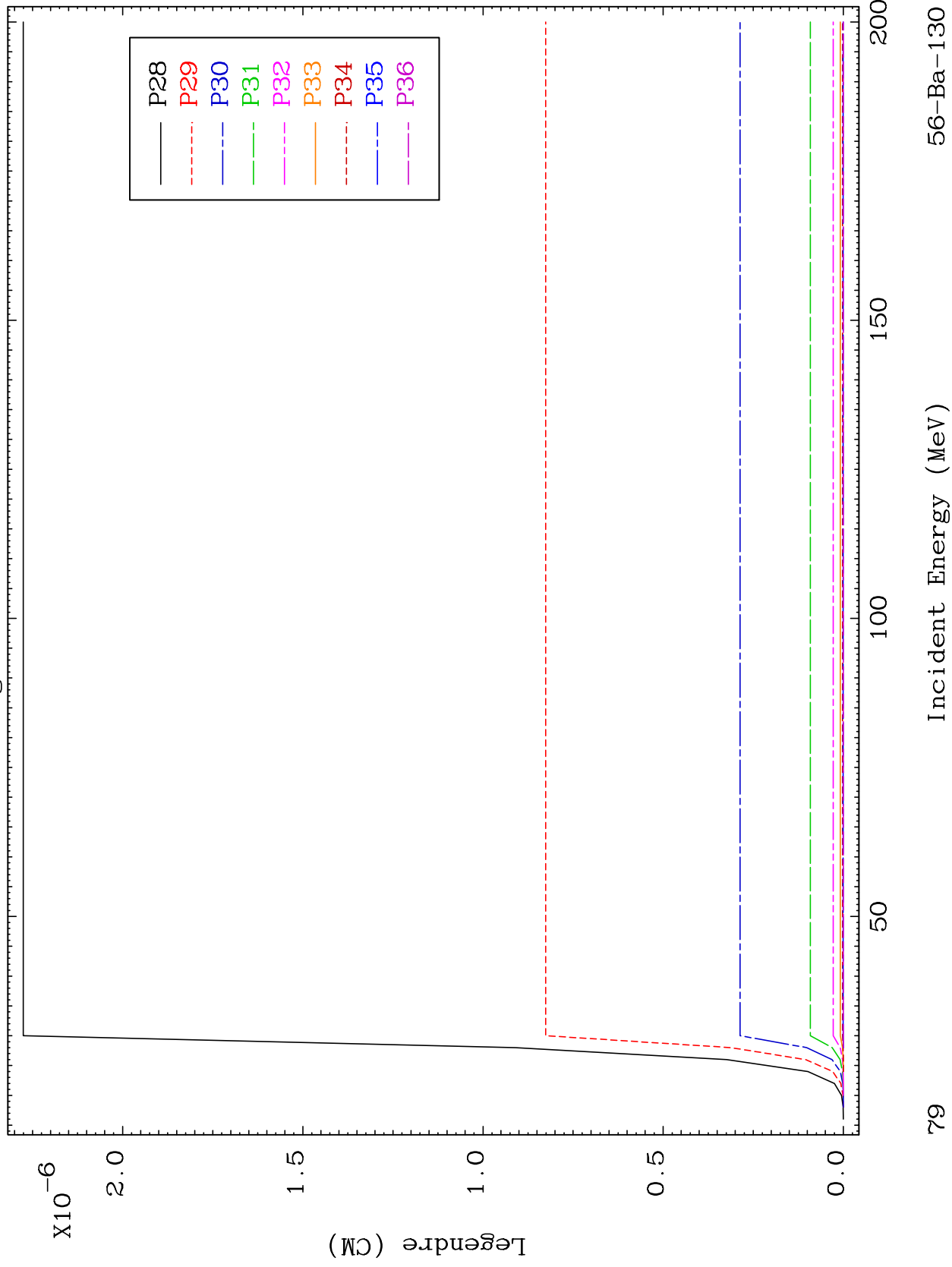
Incident Energy (MeV)

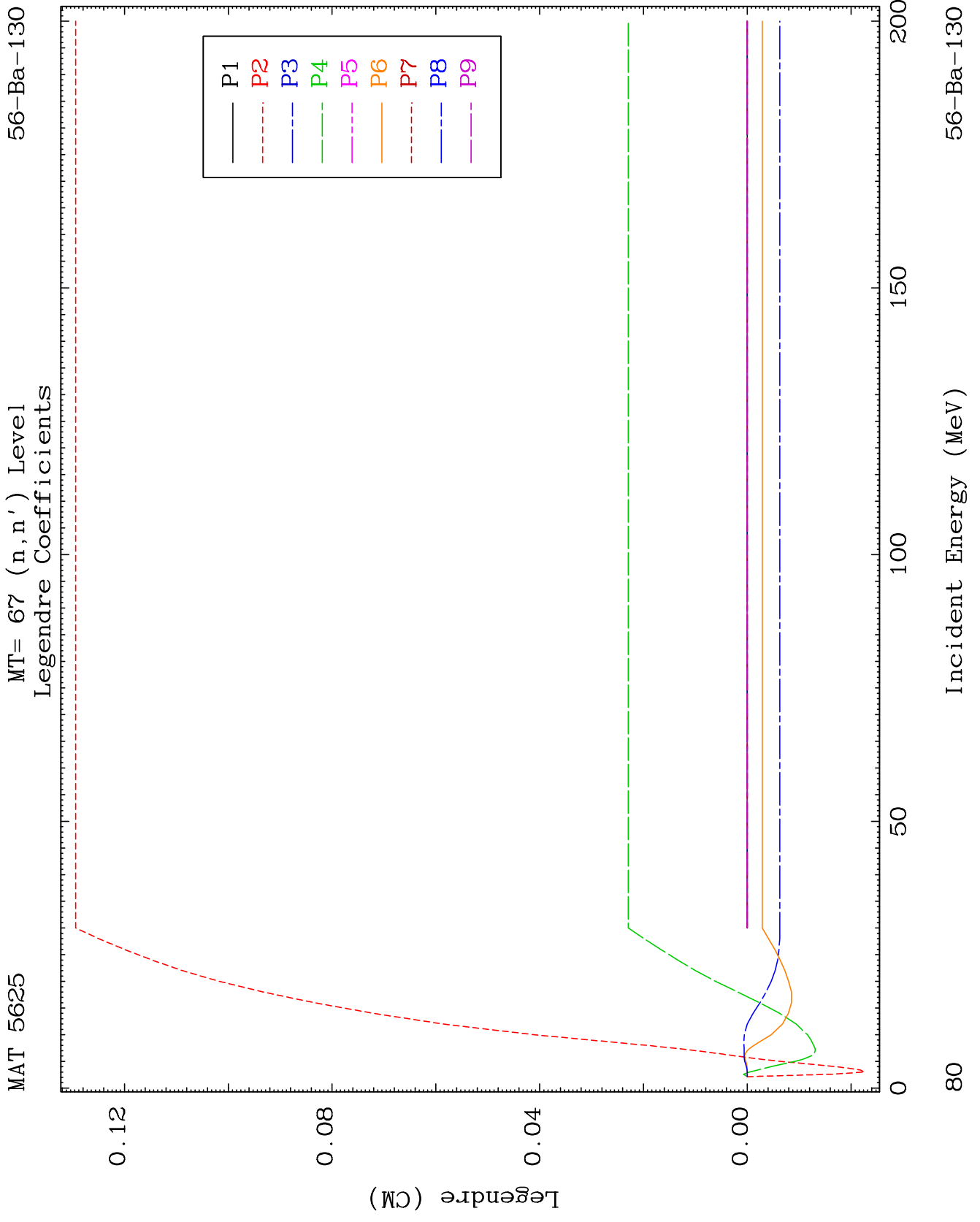
56-Ba-130

MAT 5625

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

56-Ba-130

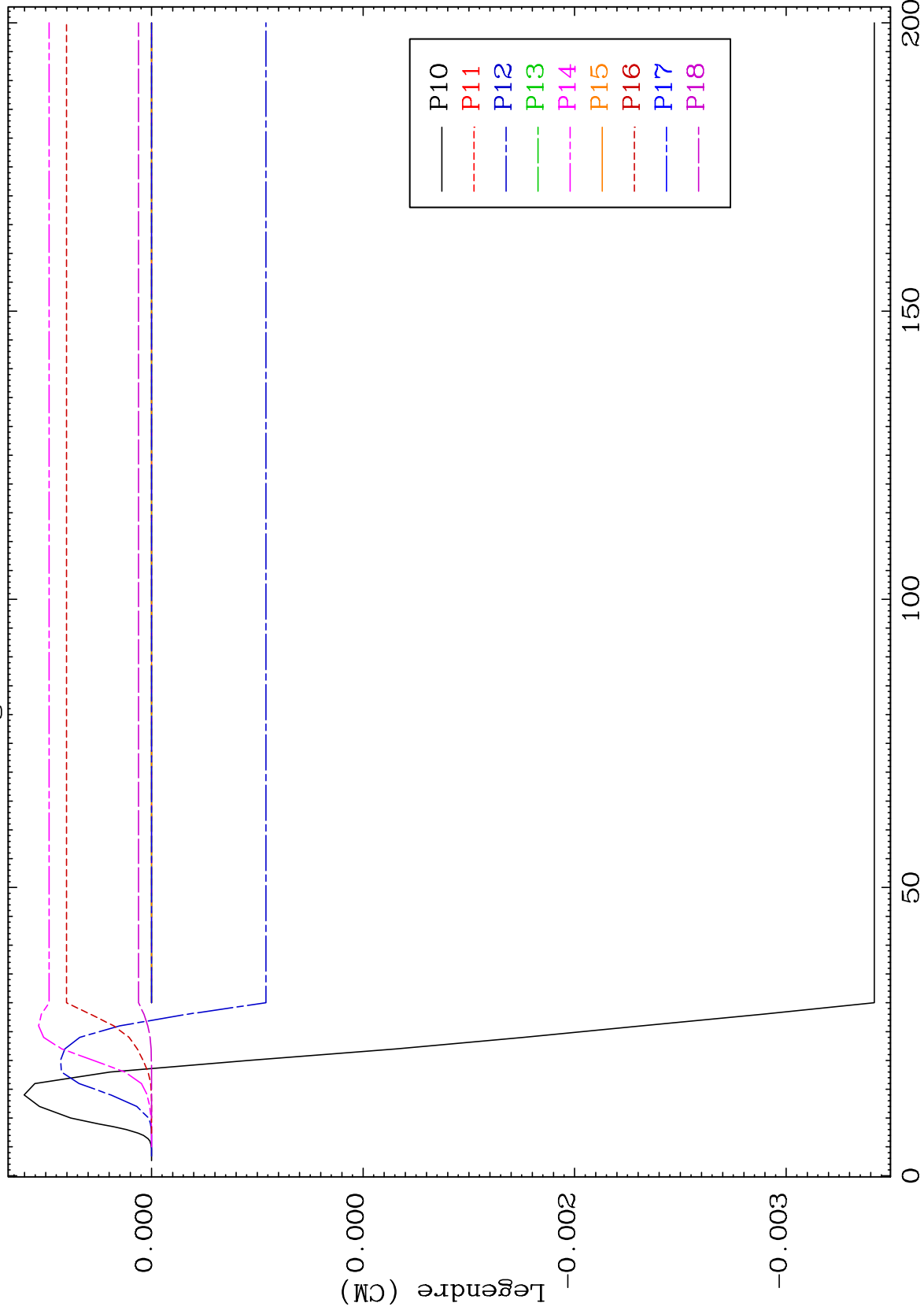




MAT 5625

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

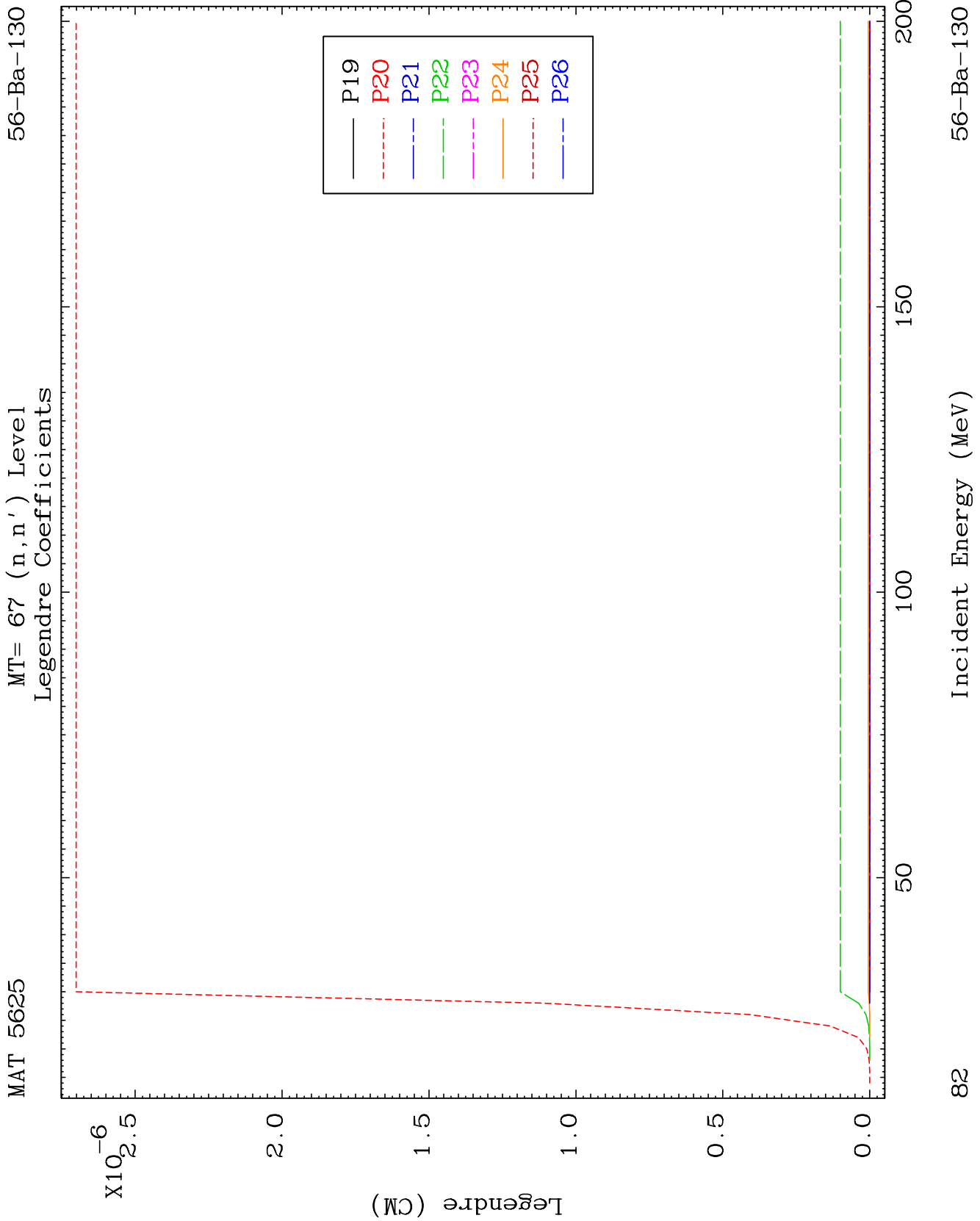
56-Ba-130



81

Incident Energy (MeV)

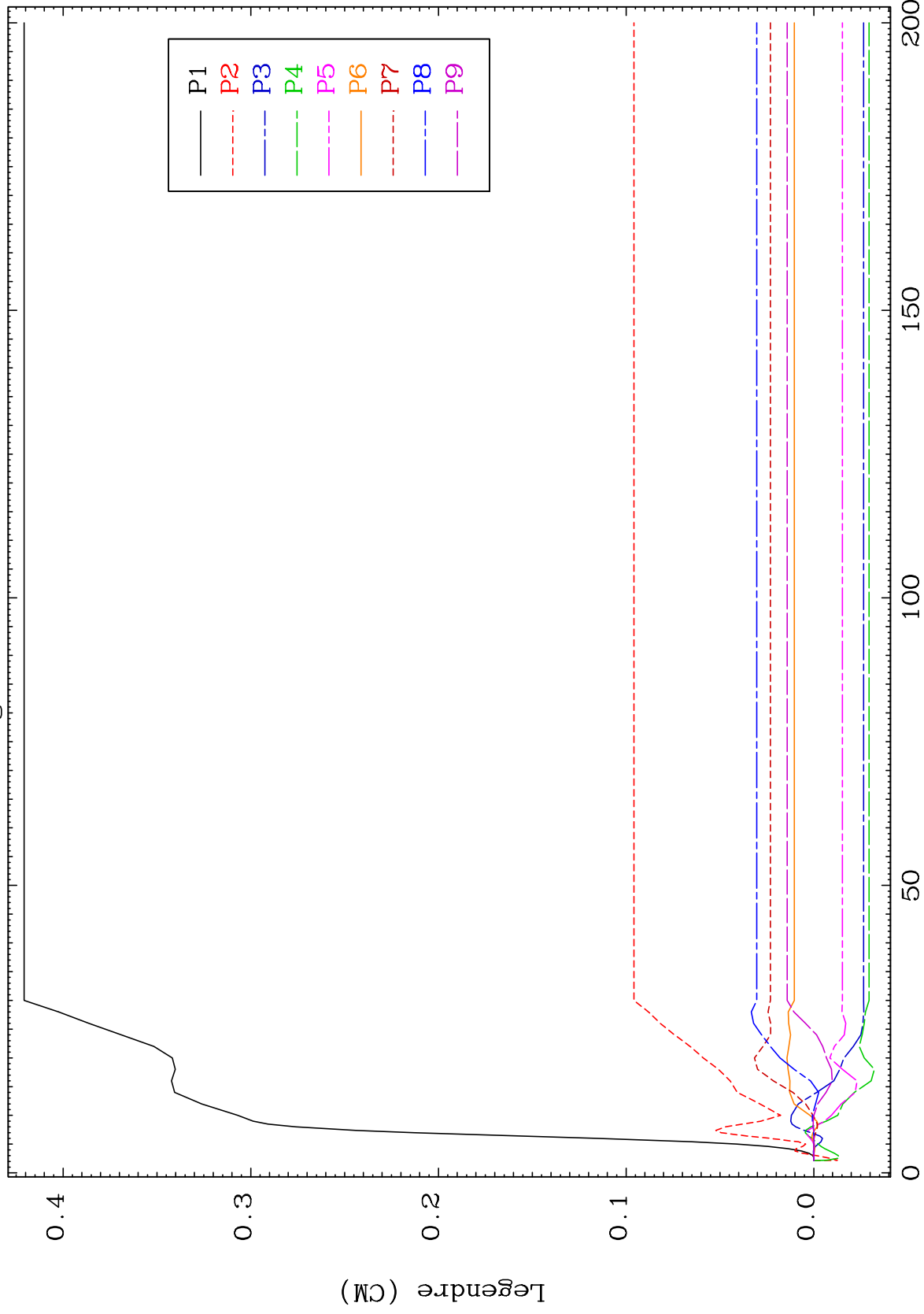
56-Ba-130



MAT 5625

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

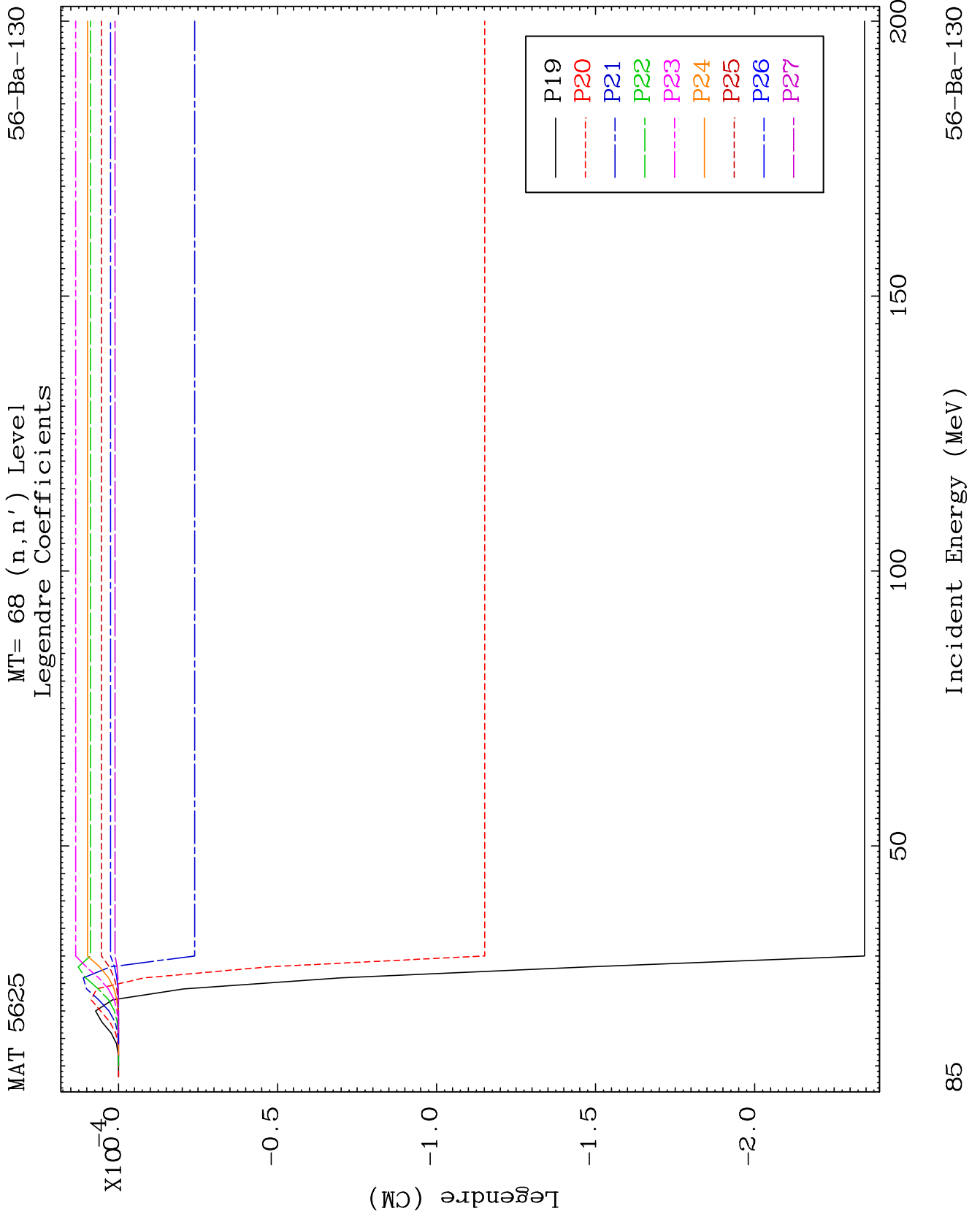
56-Ba-130



83

Incident Energy (MeV)

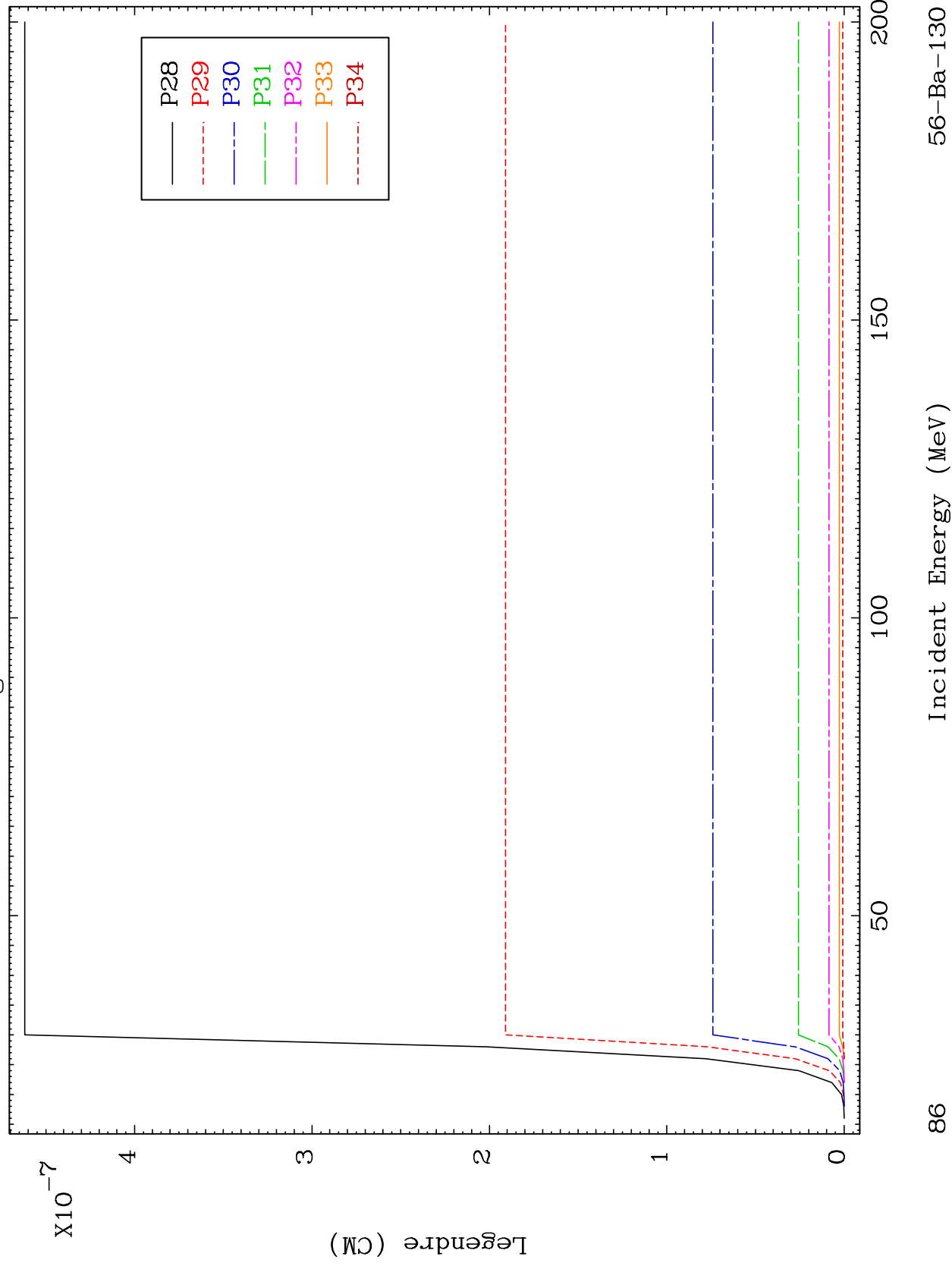
56-Ba-130



MAT 5625

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

56-Ba-130



86

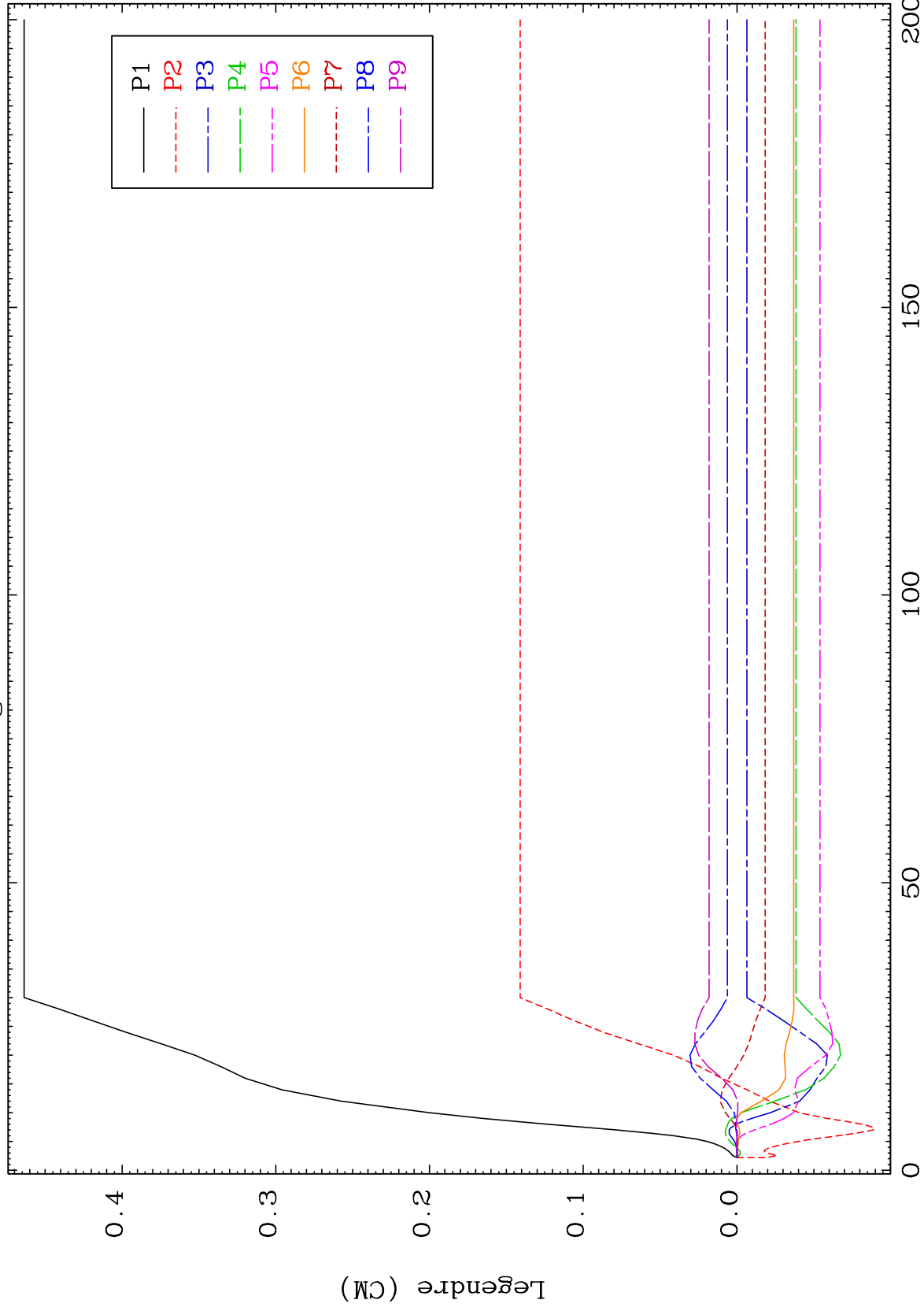
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



87

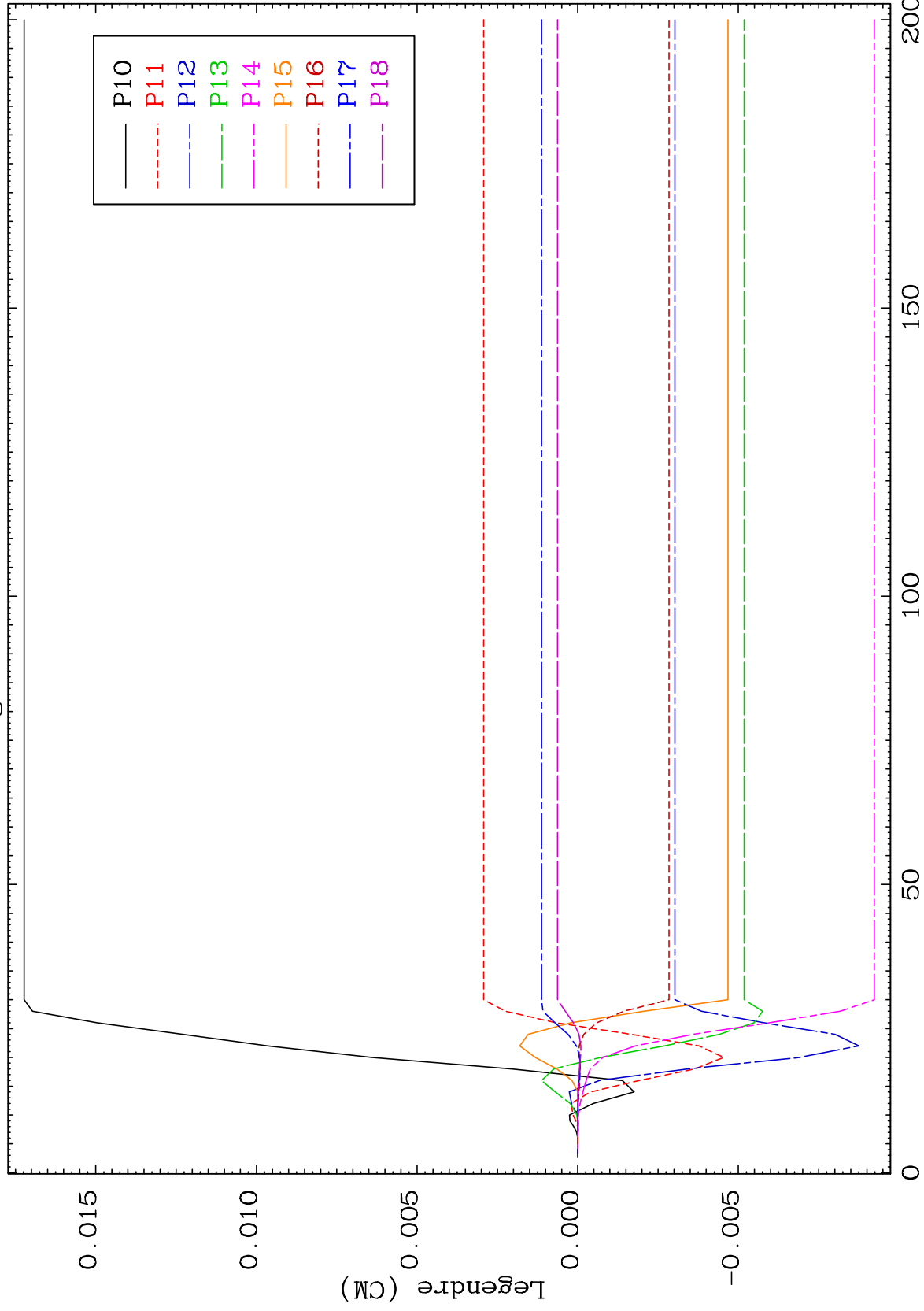
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

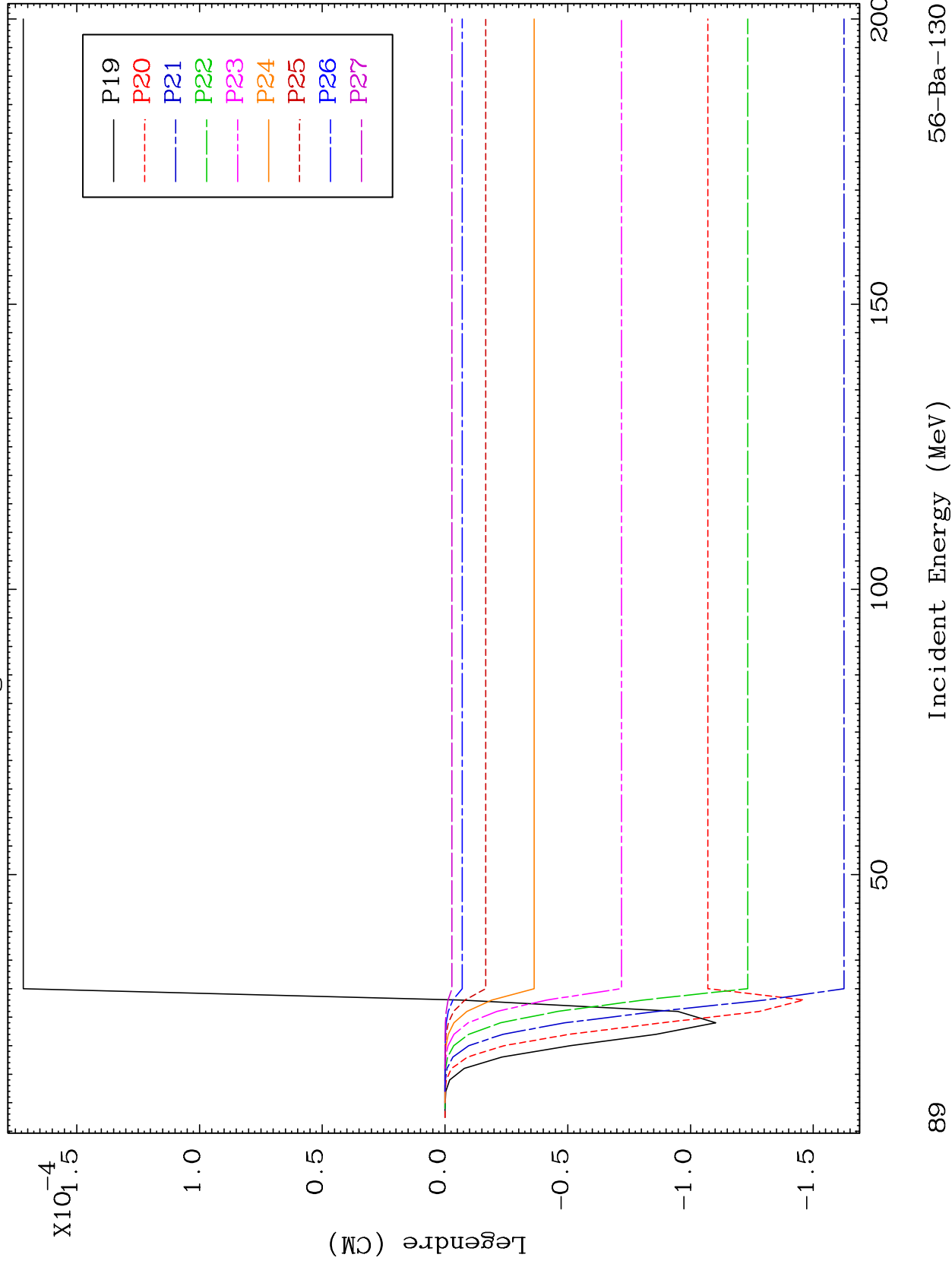
56-Ba-130

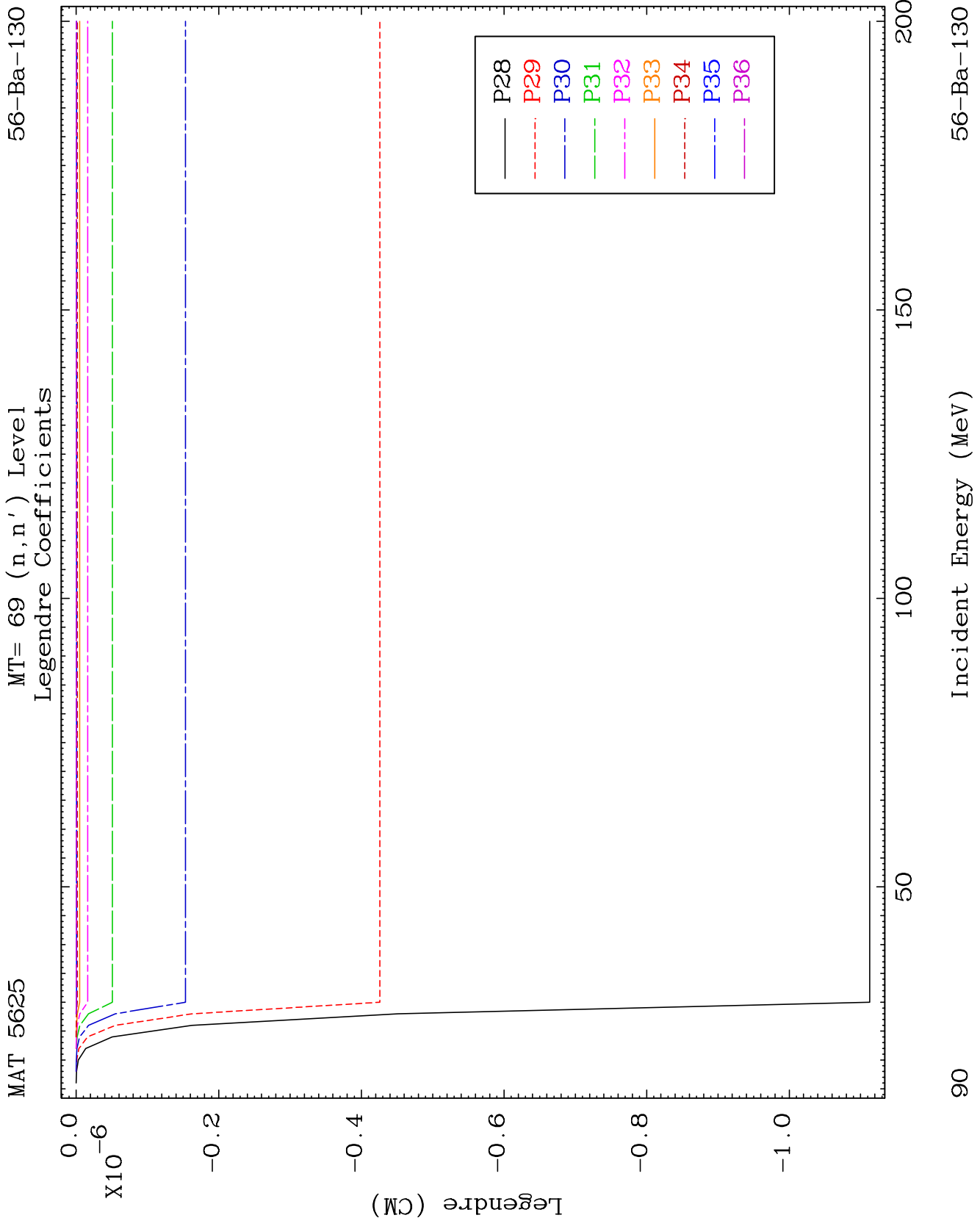


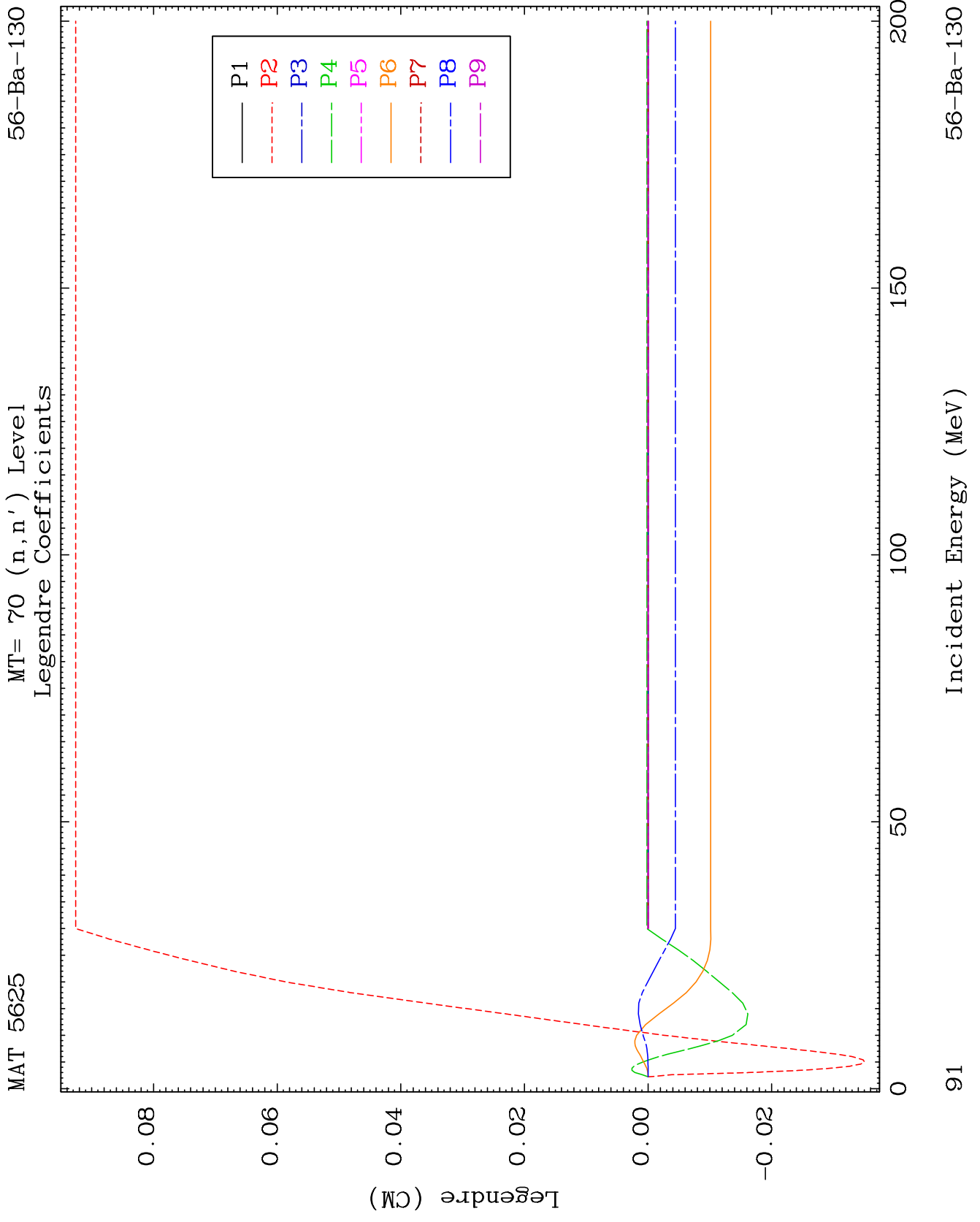
88

Incident Energy (MeV)

56-Ba-130



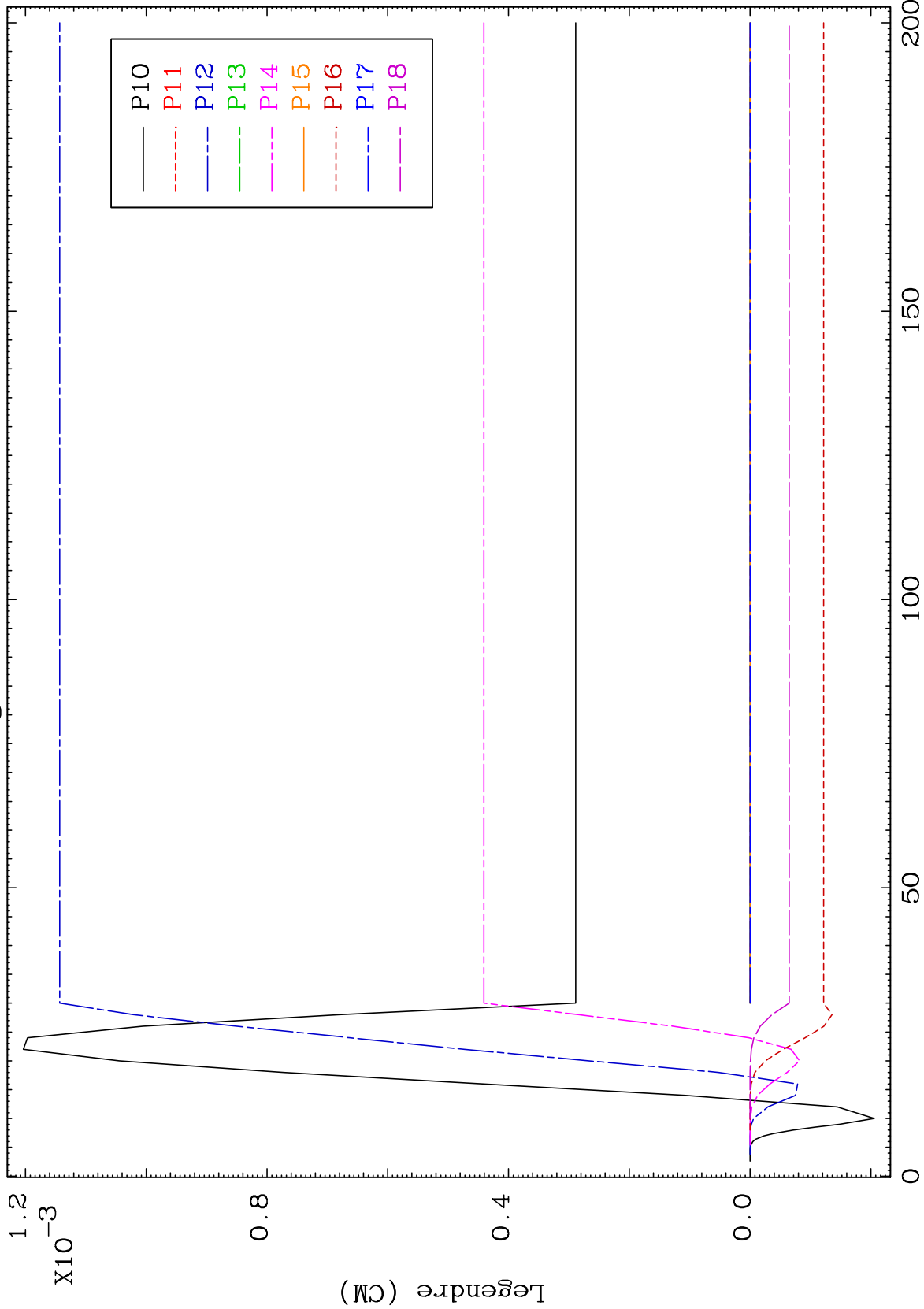




MAT 5625

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

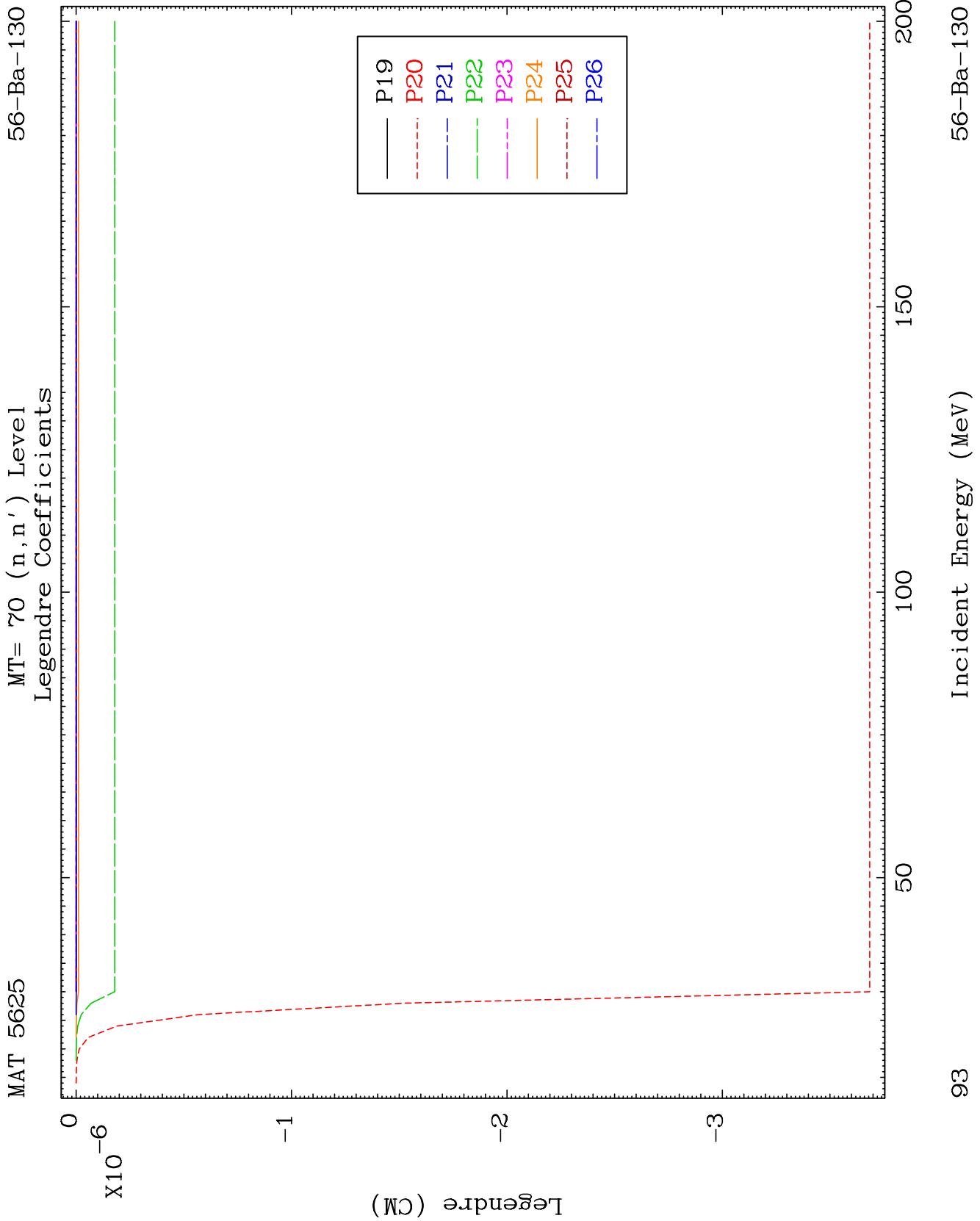
56-Ba-130



92

Incident Energy (MeV)

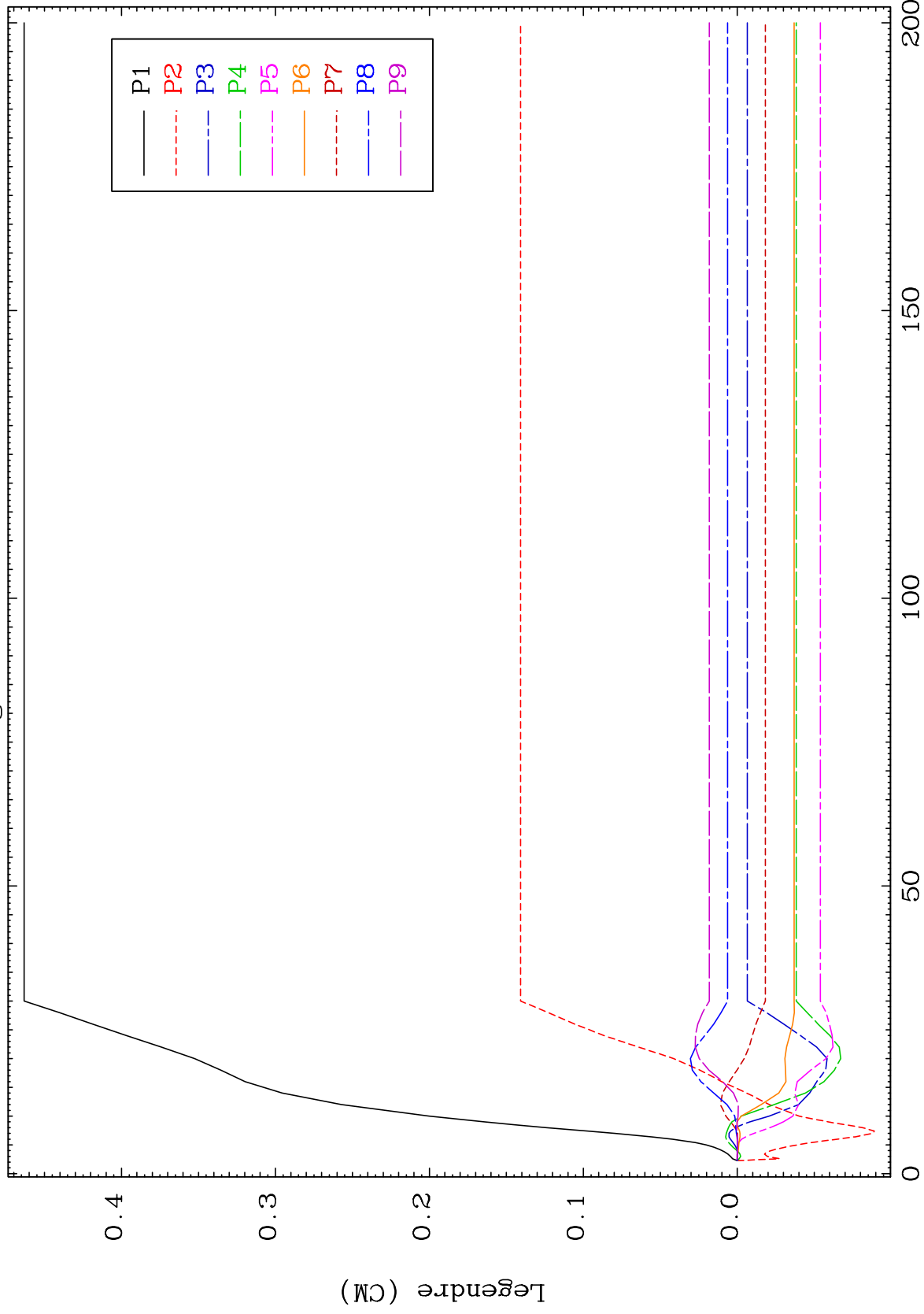
56-Ba-130



MAT 5625

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

56-Ba-130



94

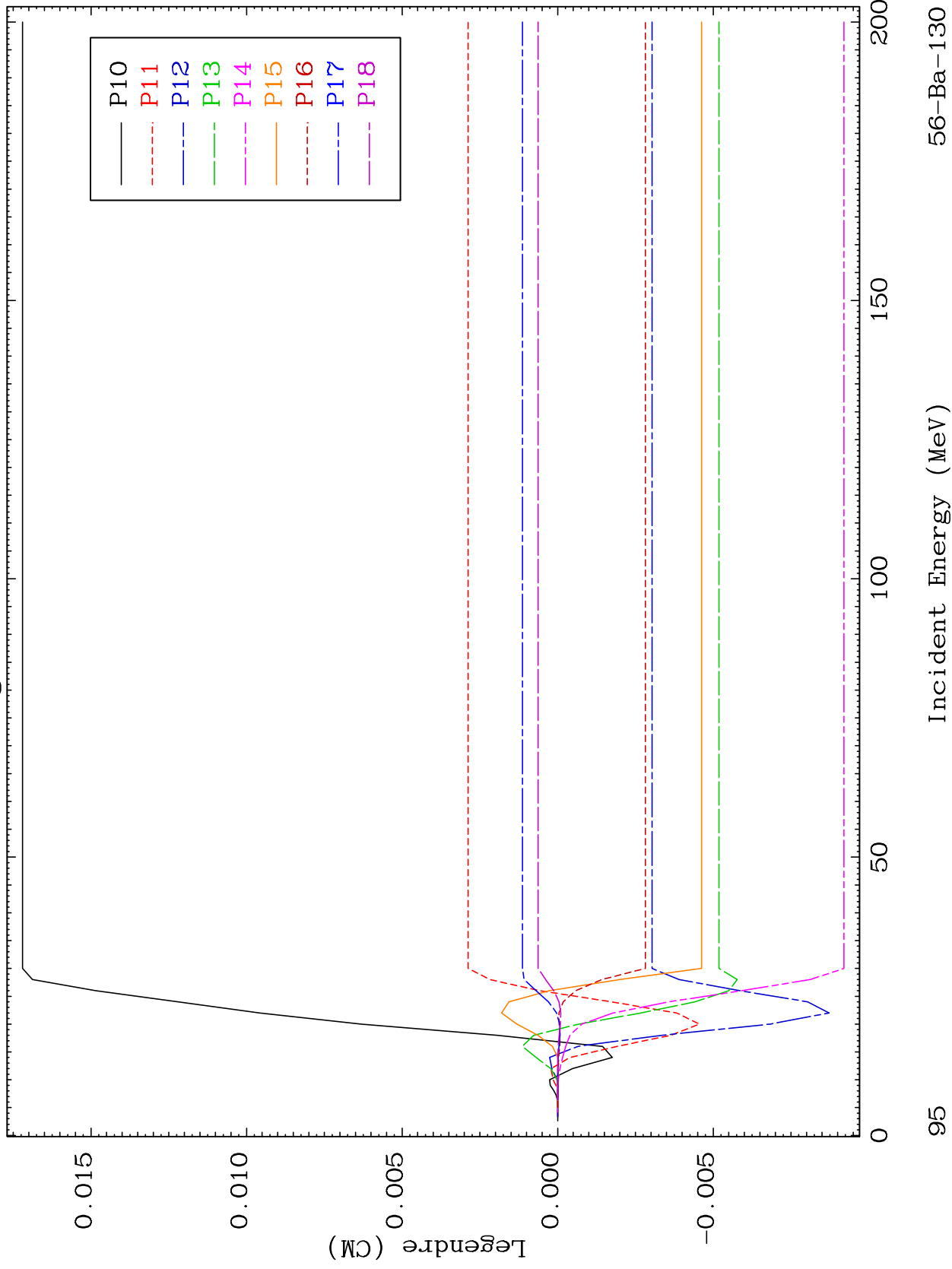
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

56-Ba-130



56-Ba-130

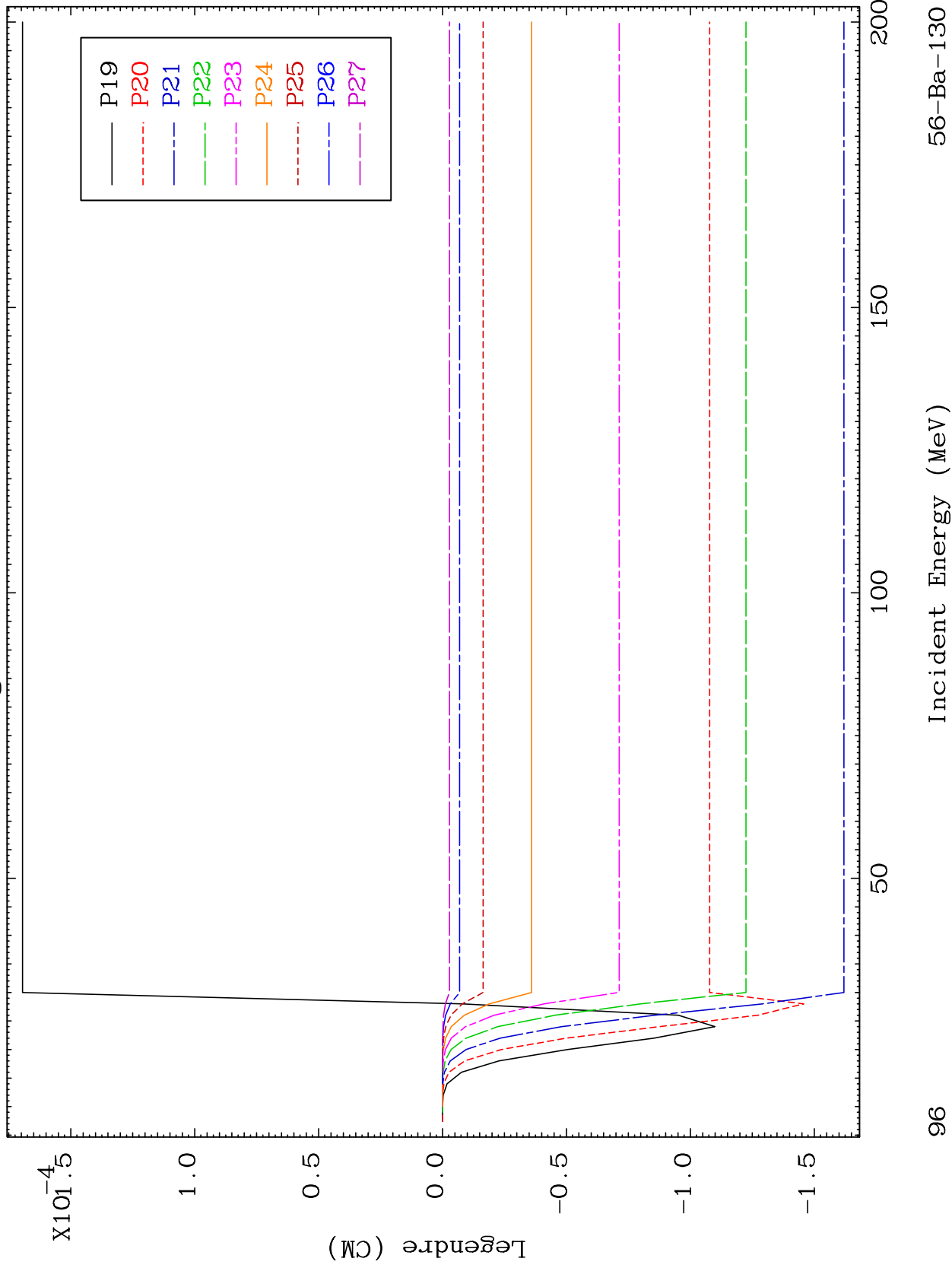
Incident Energy (MeV)

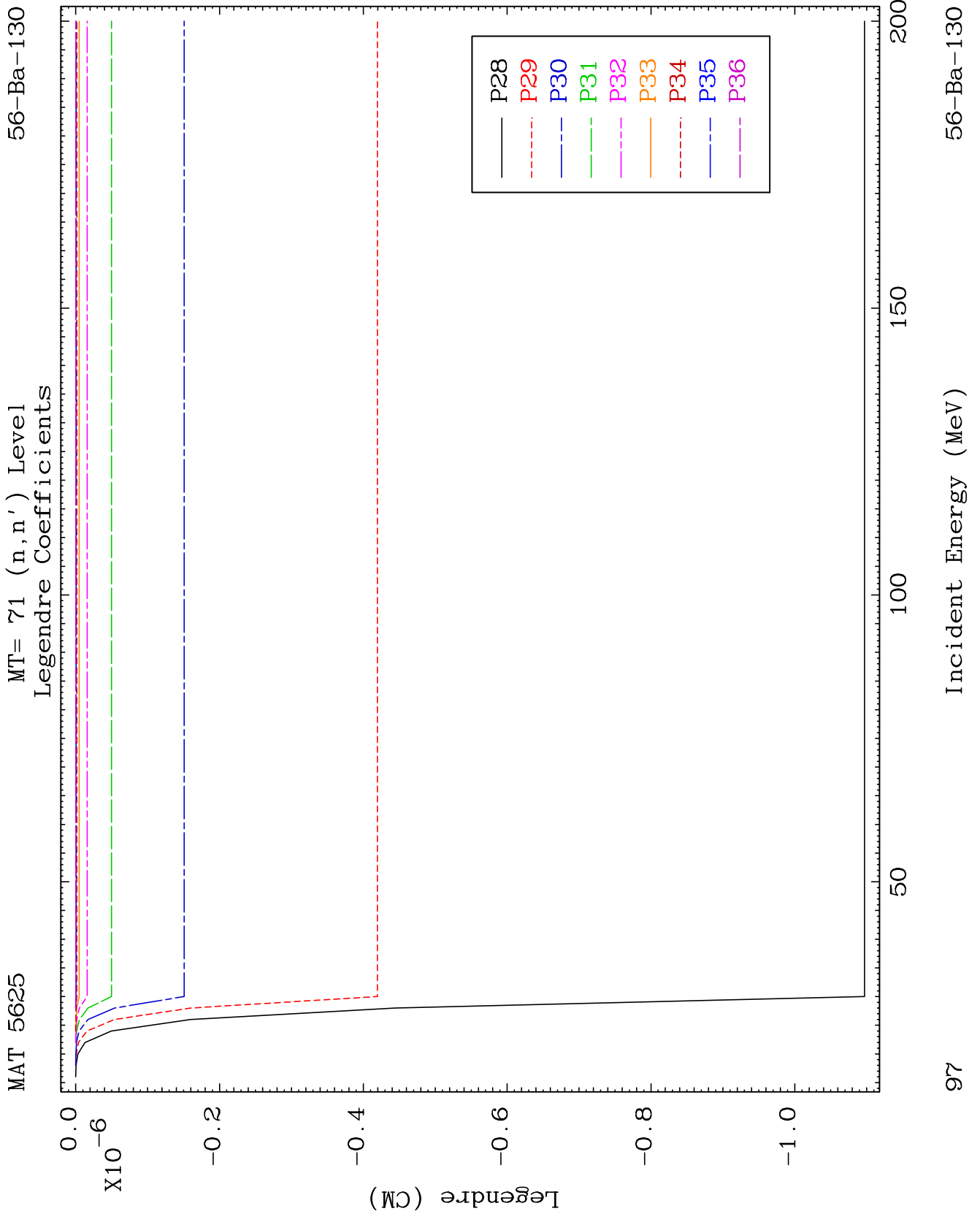
95

MAT 5625

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

56-Ba-130

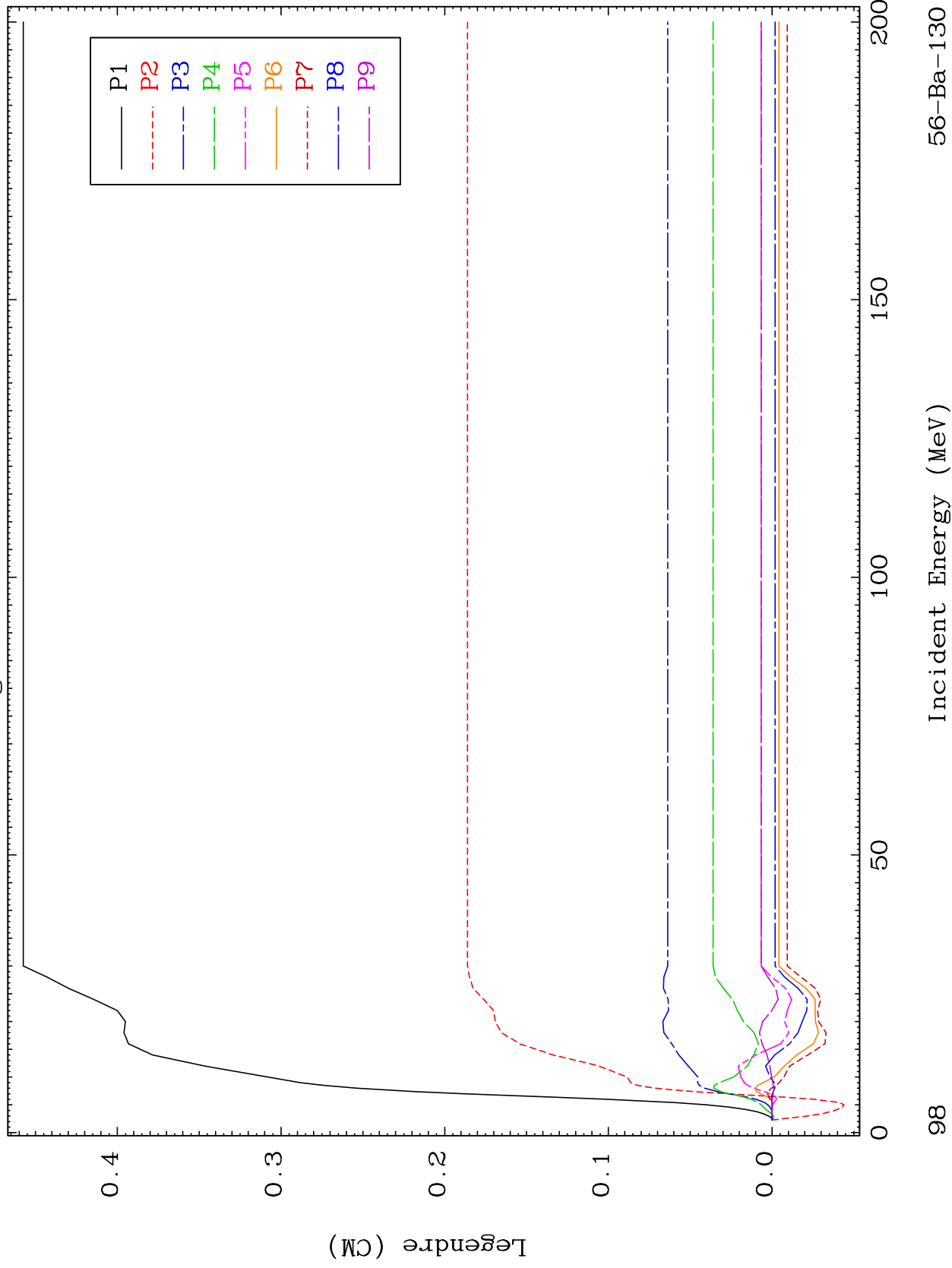




MAT 5625

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

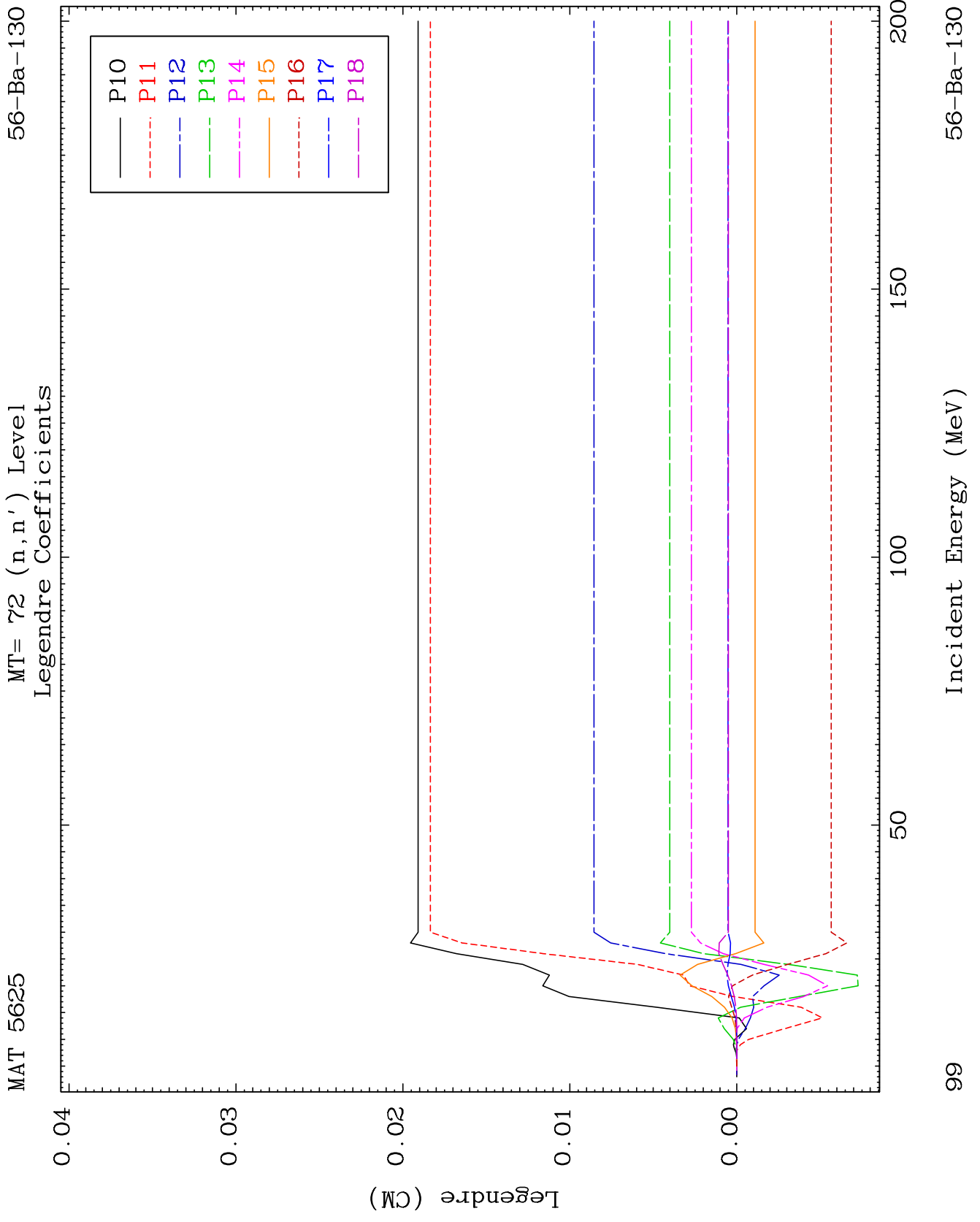
56-Ba-130



56-Ba-130

Incident Energy (MeV)

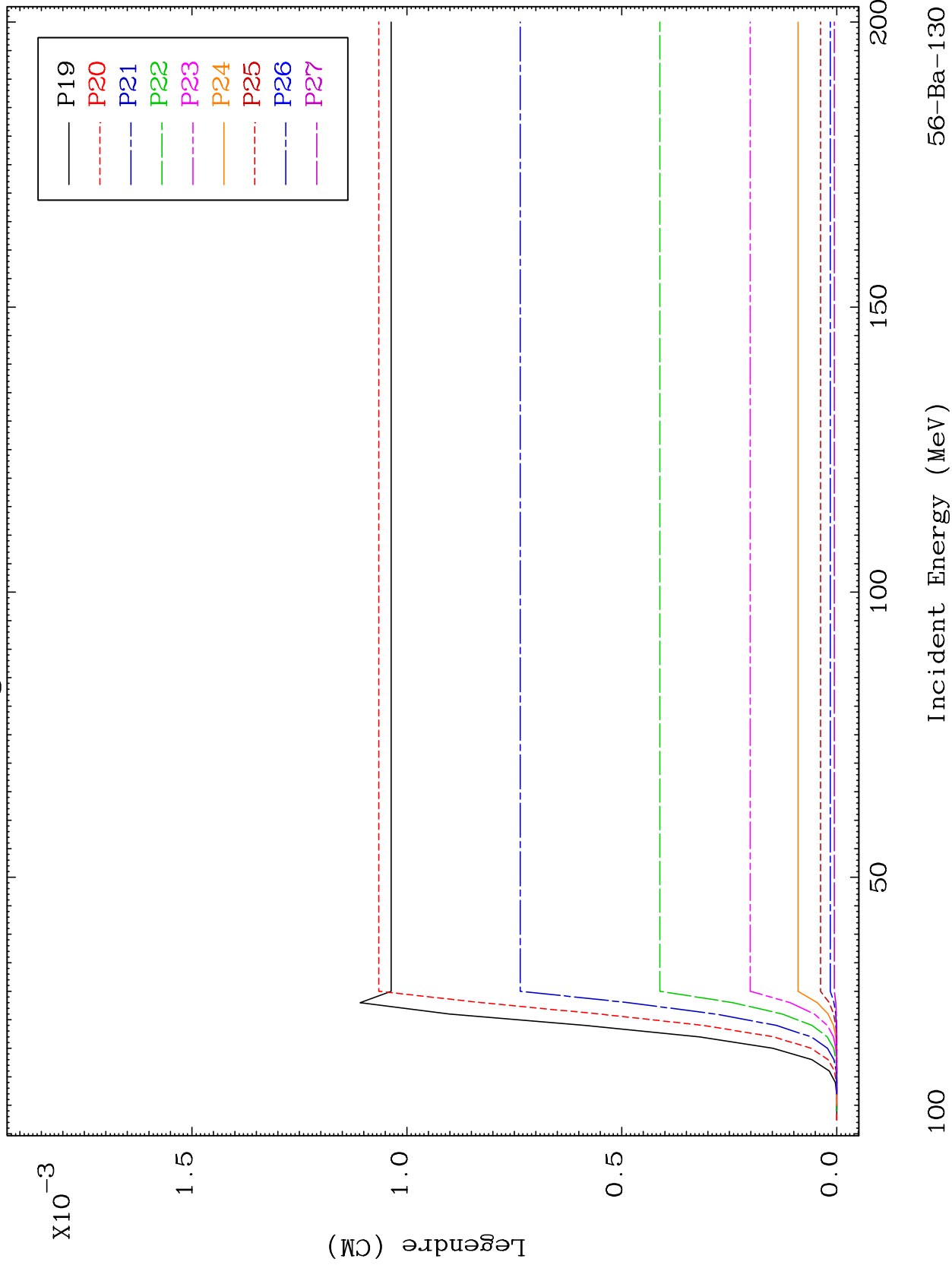
98



MAT 5625

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

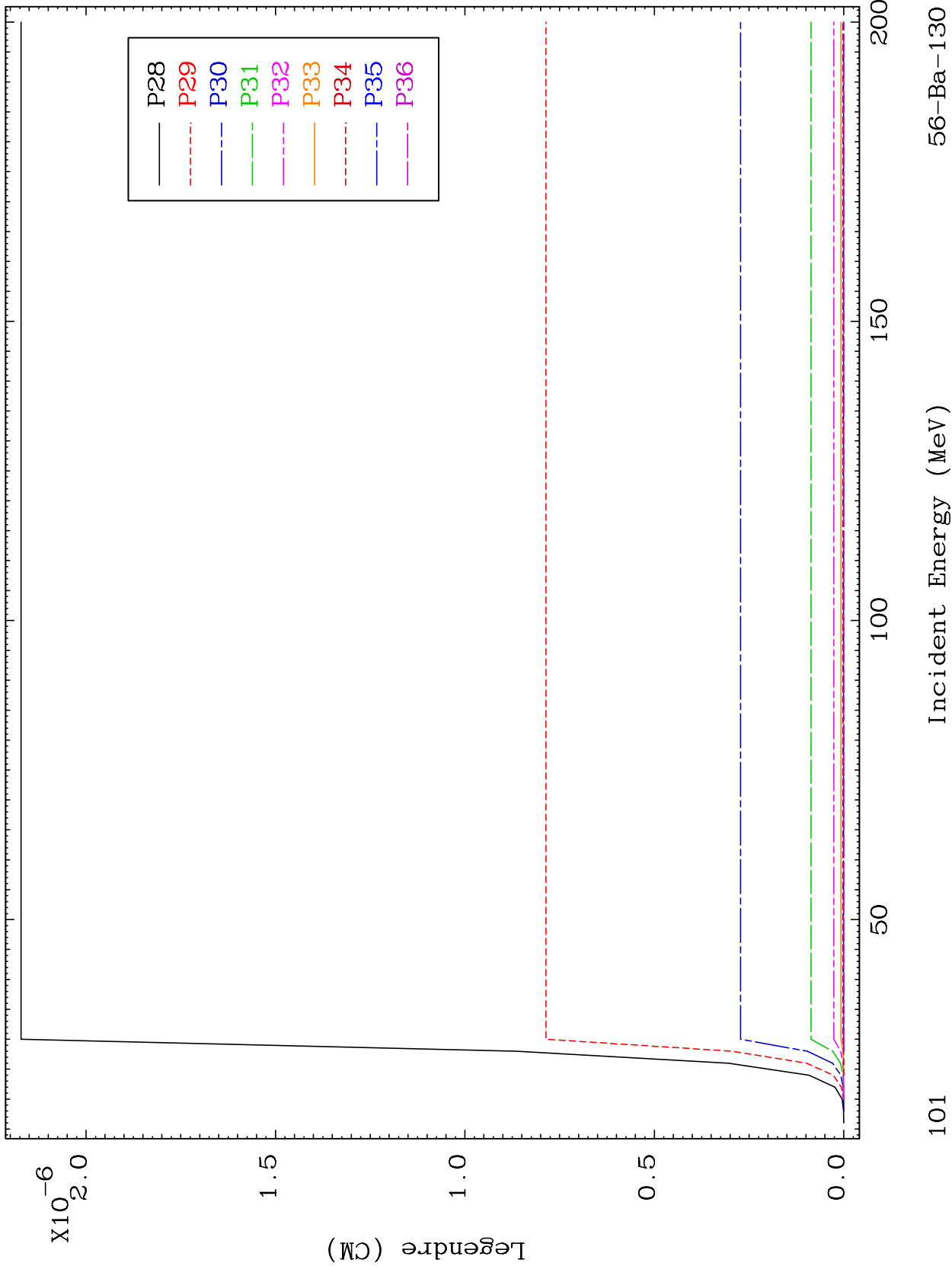
56-Ba-130



MAT 5625

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

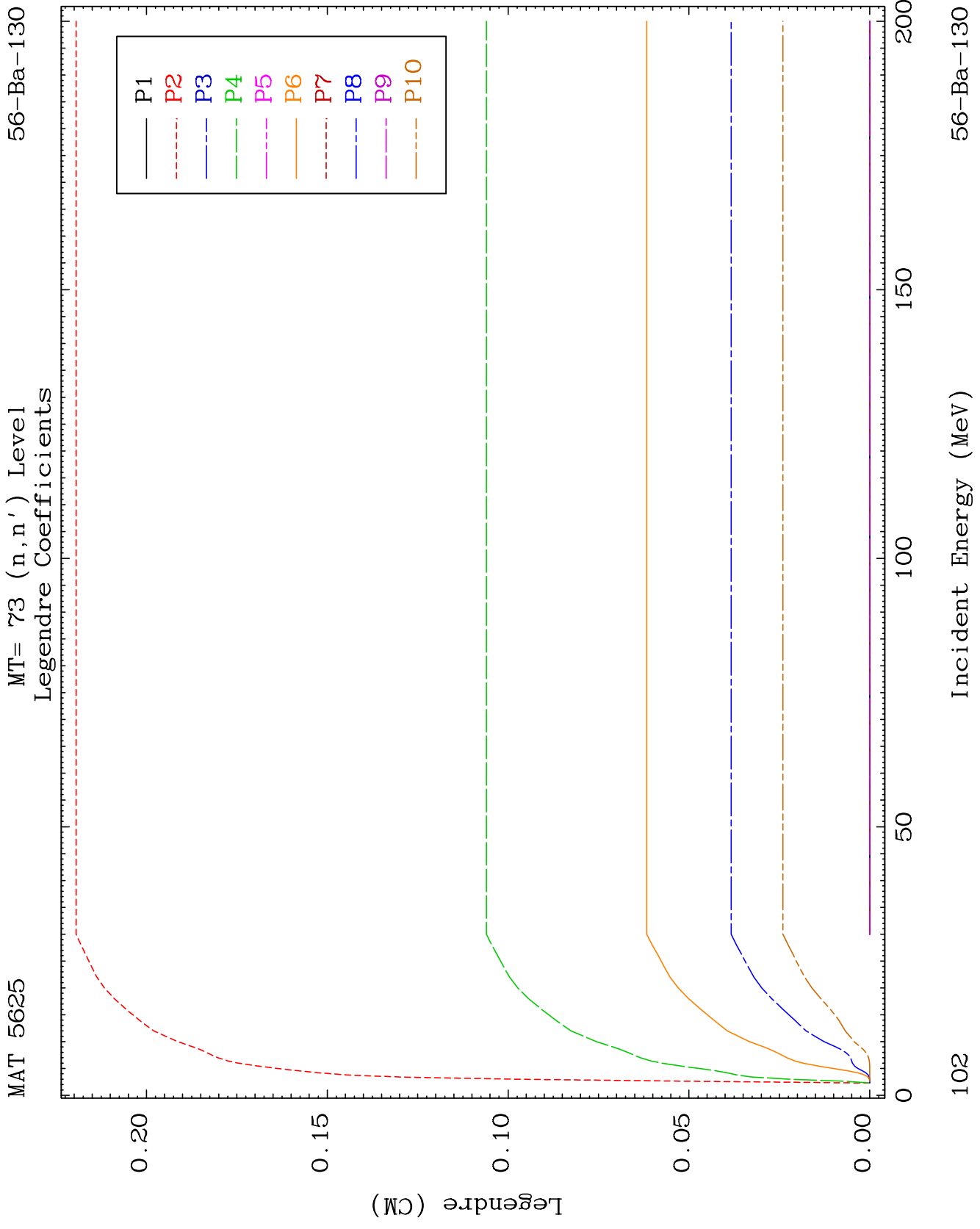
56-Ba-130

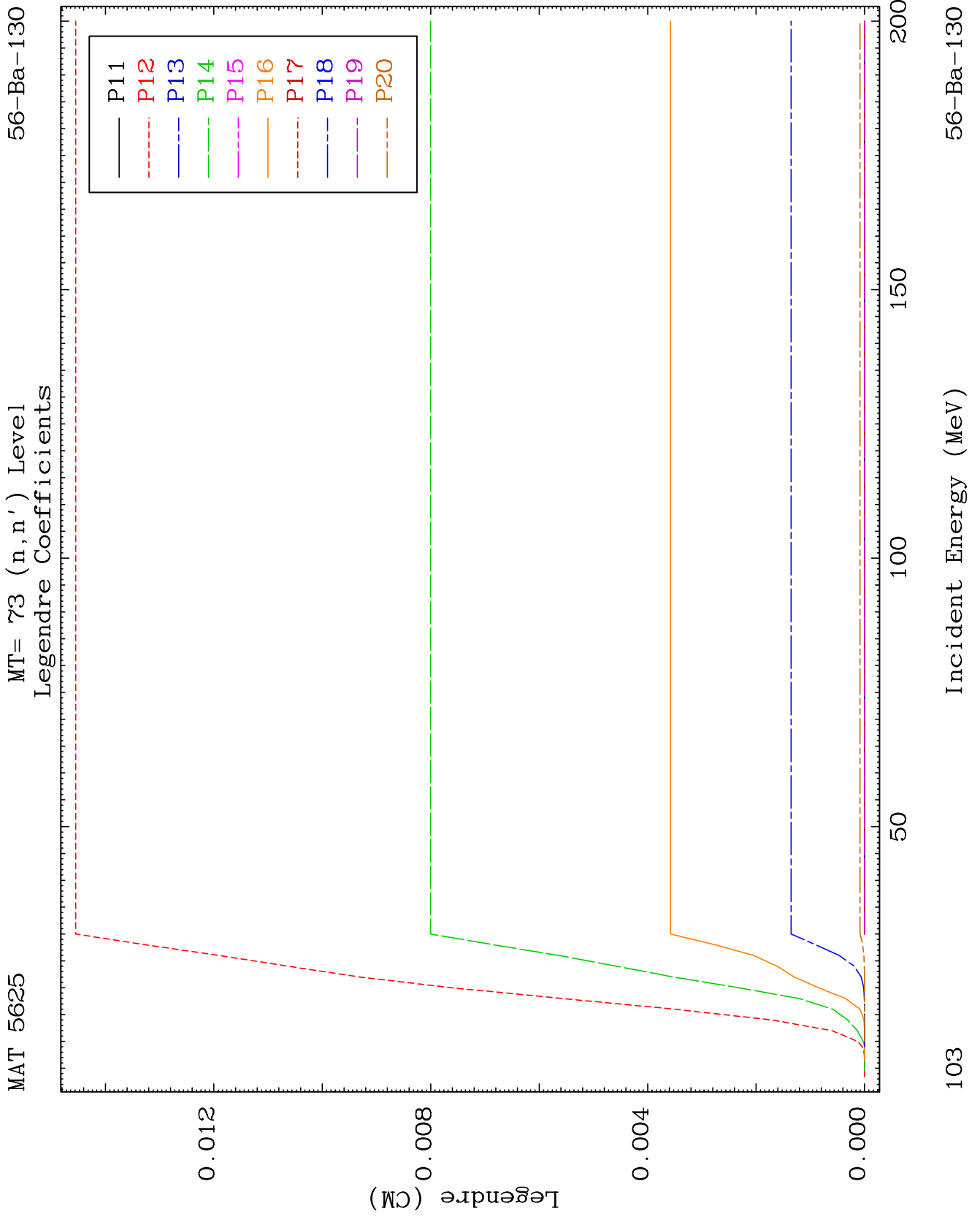


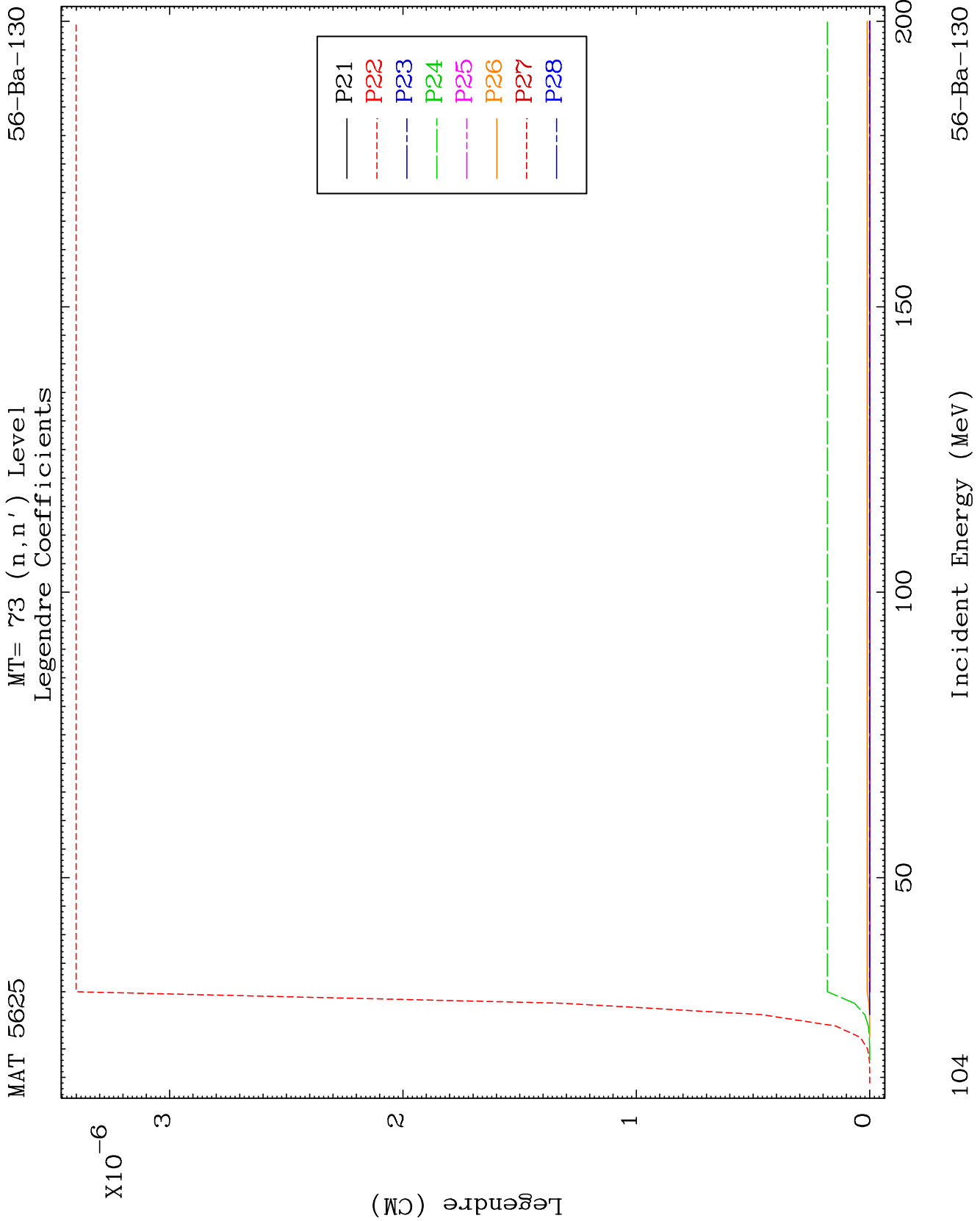
101

Incident Energy (MeV)

56-Ba-130



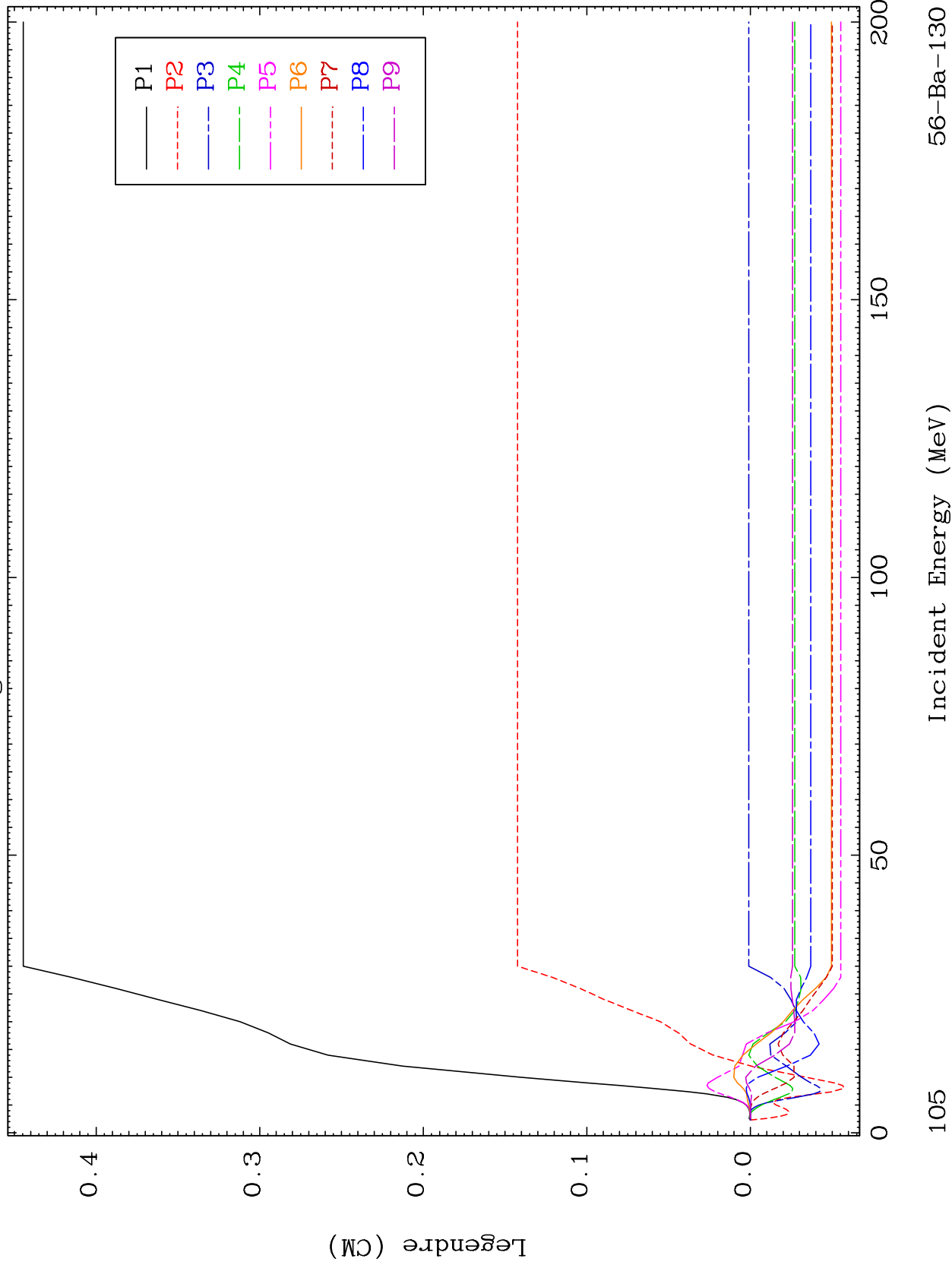




MAT 5625

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

56-Ba-130



56-Ba-130

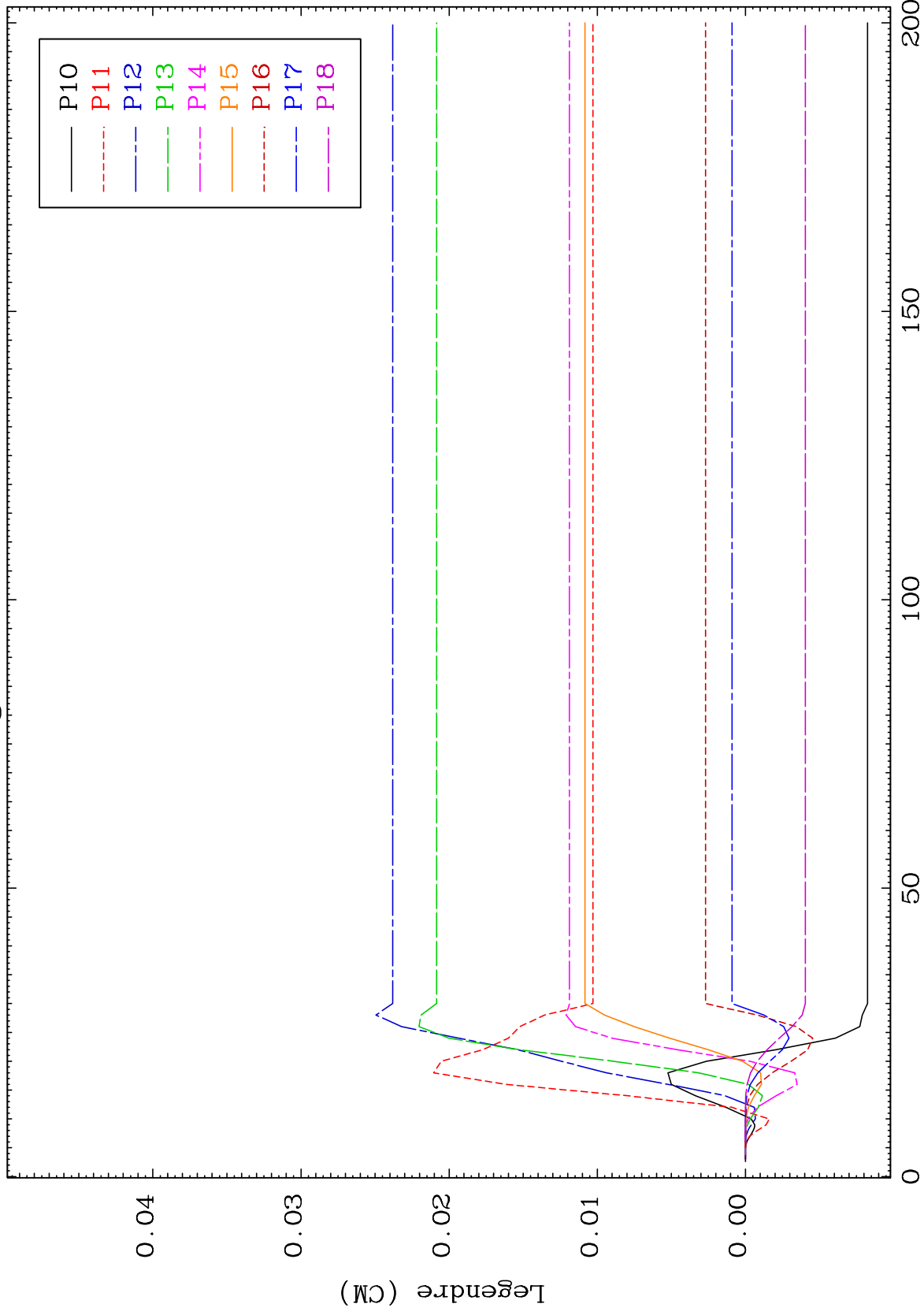
Incident Energy (MeV)

105

MAT 5625

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

56-Ba-130



106

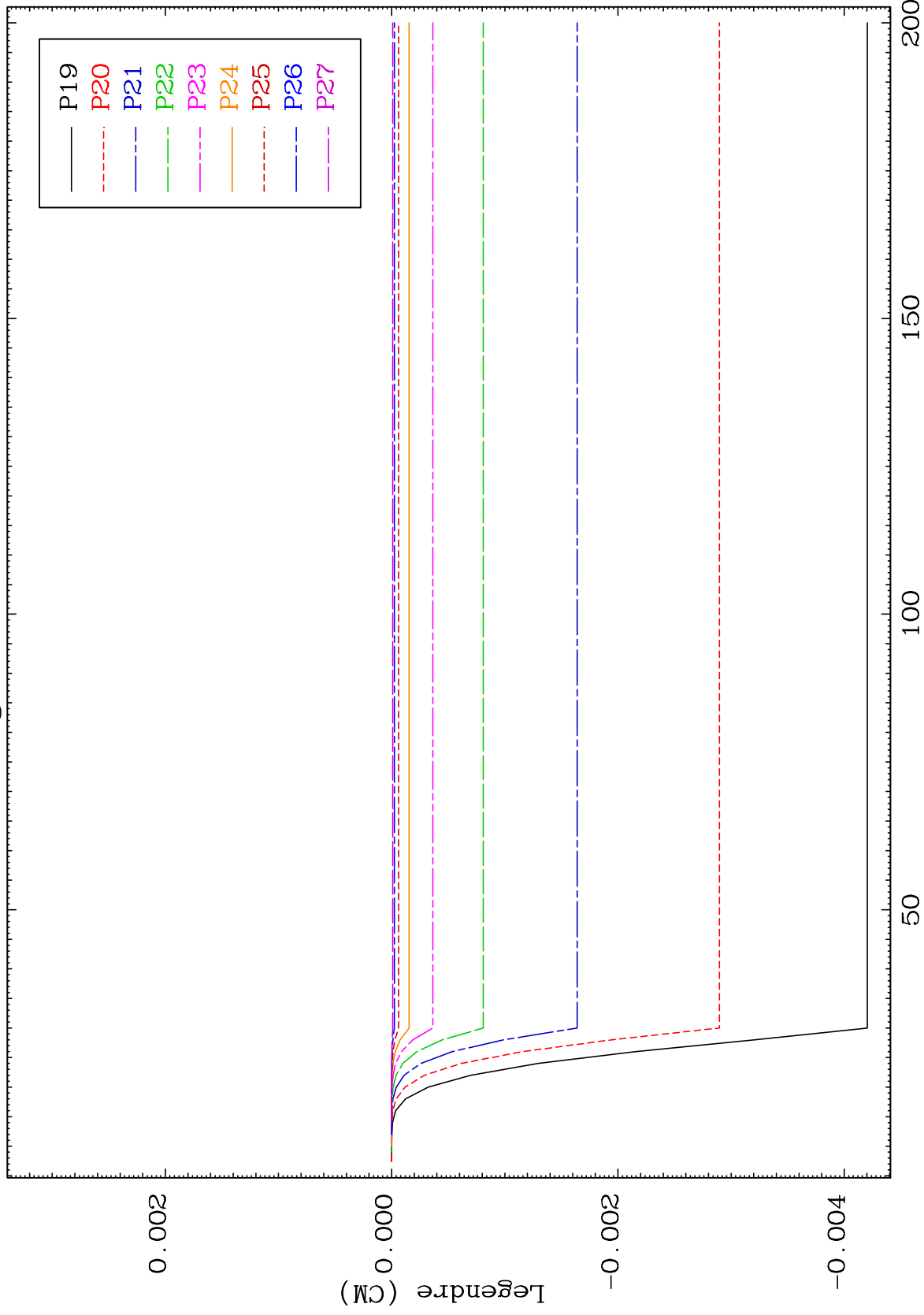
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

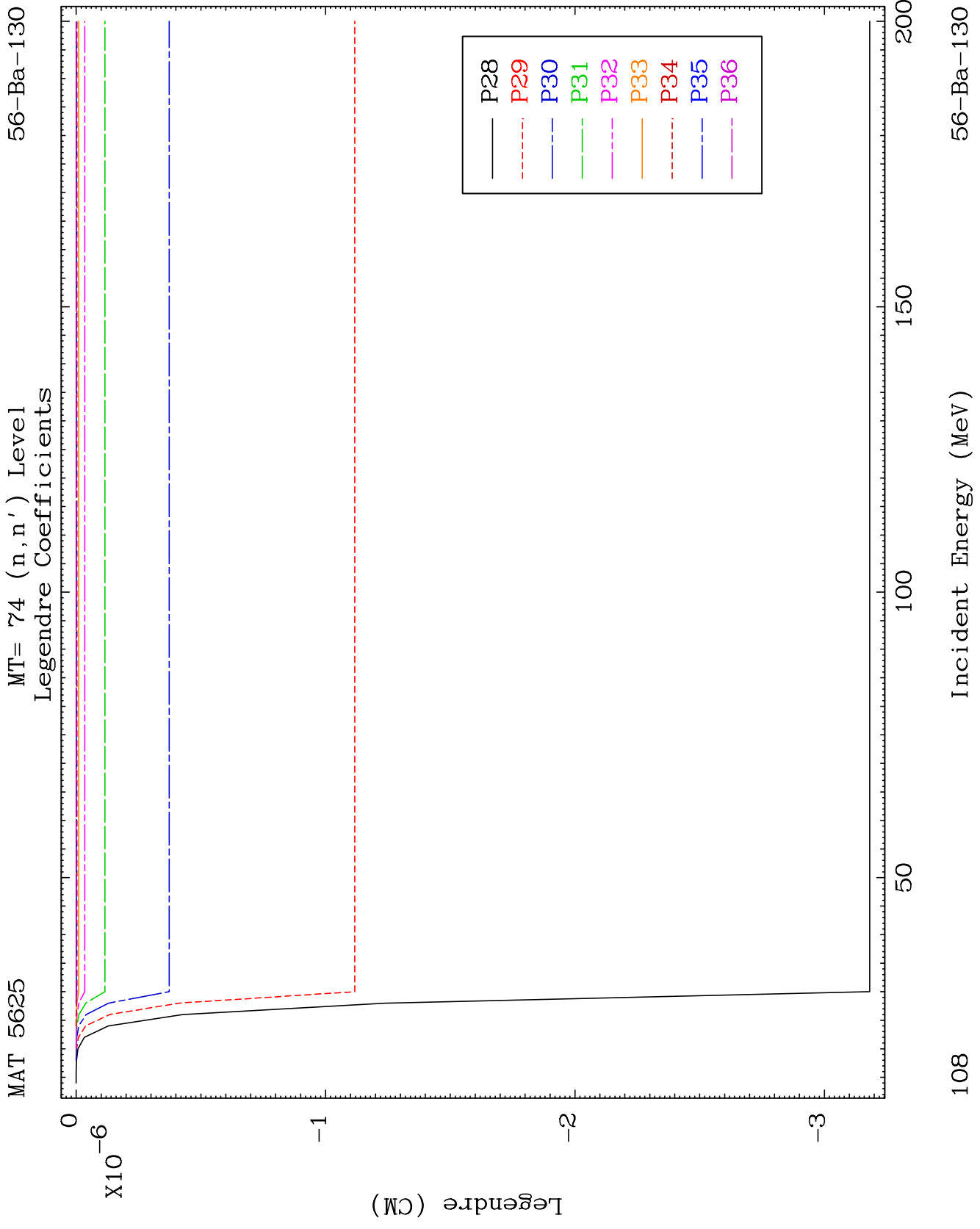
56-Ba-130

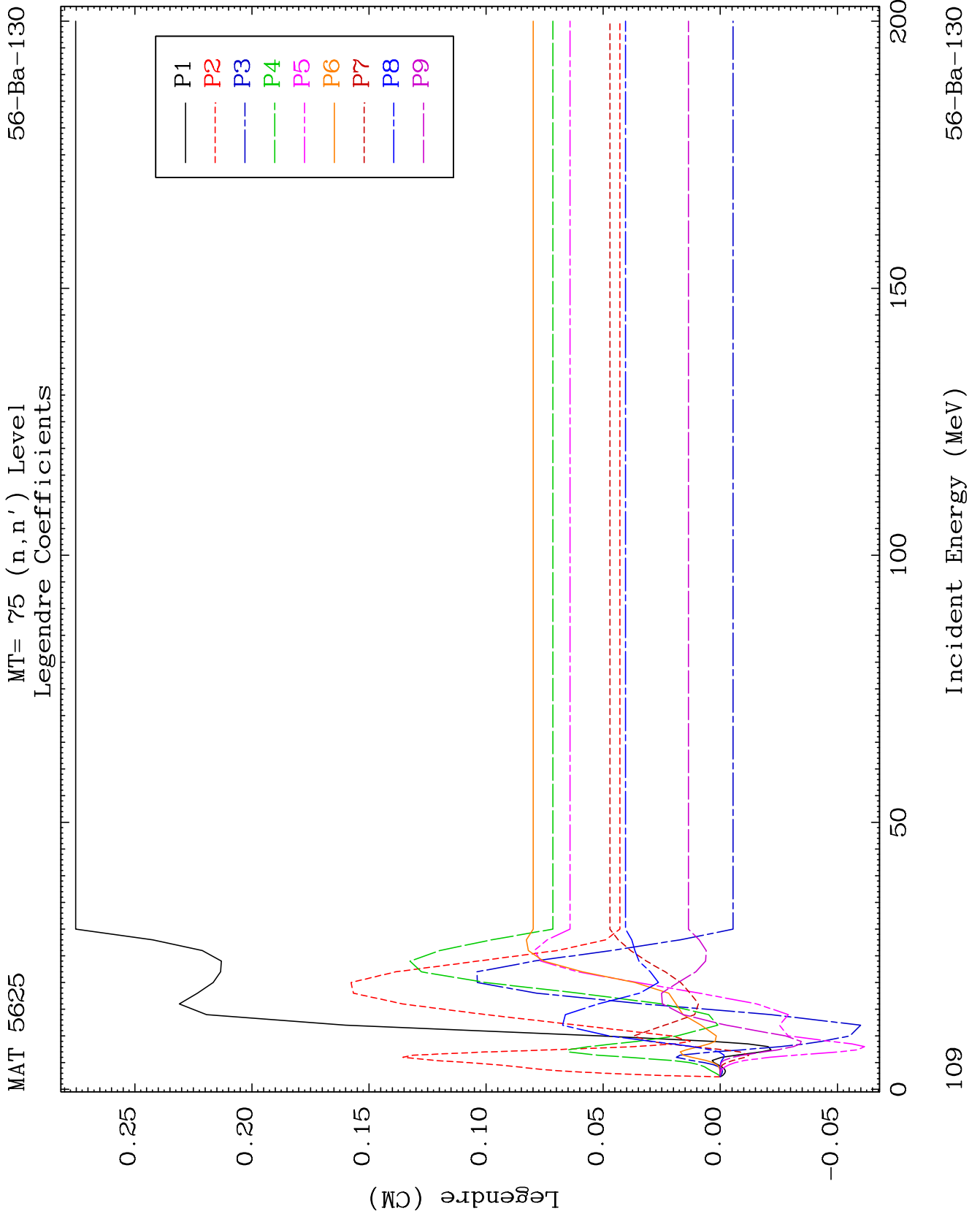


107

Incident Energy (MeV)

56-Ba-130

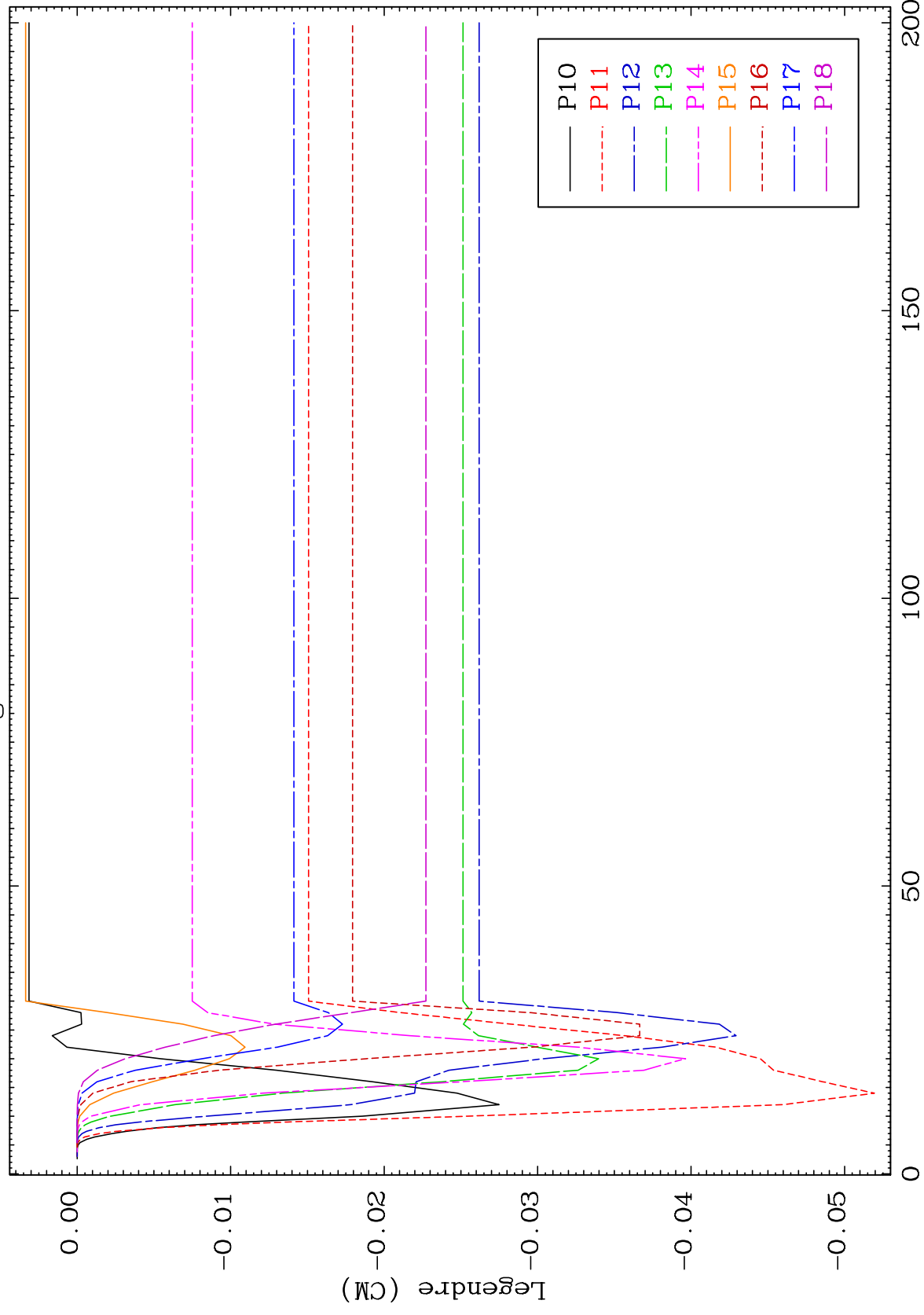




MAT 5625

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

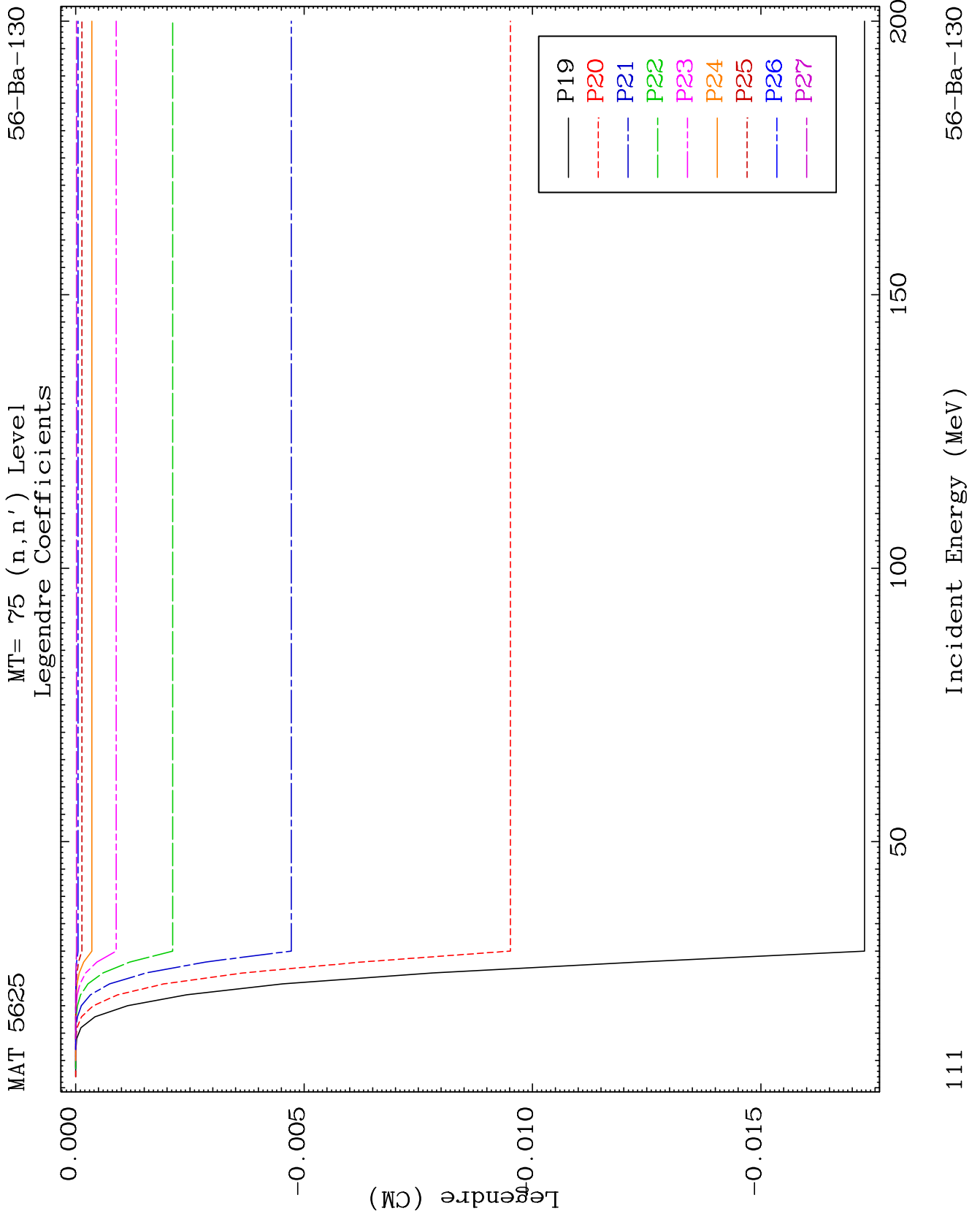
56-Ba-130

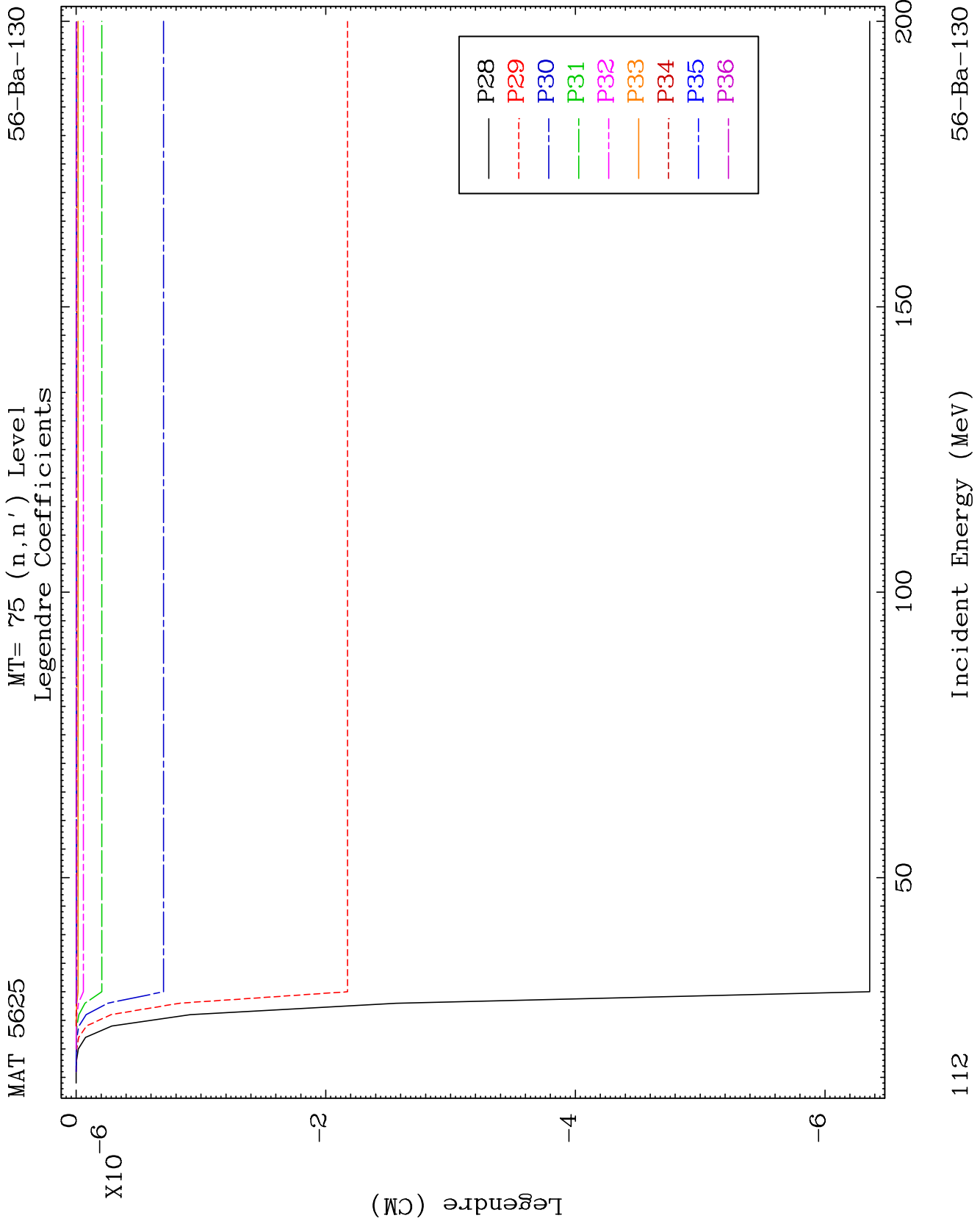


110

Incident Energy (MeV)

56-Ba-130

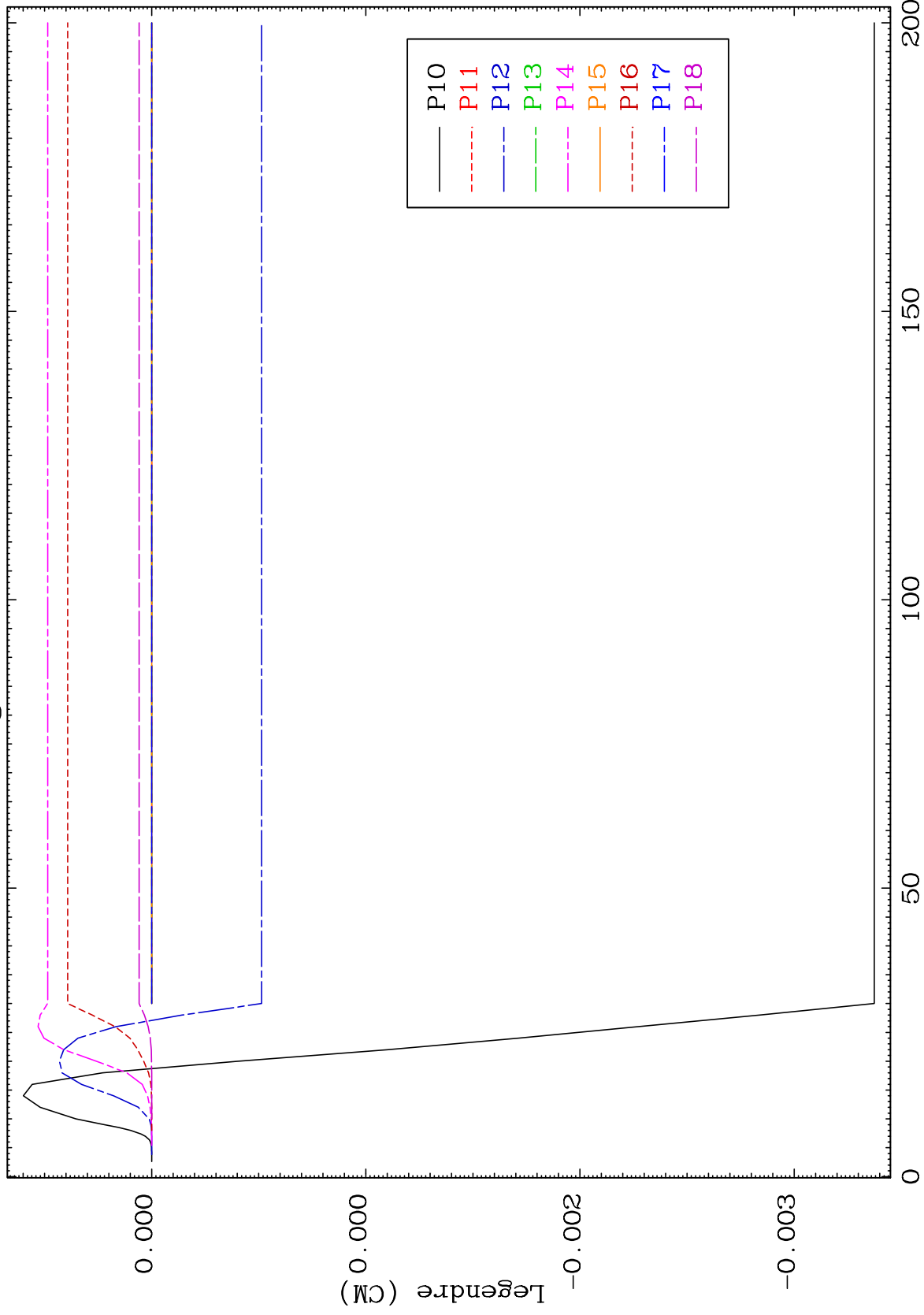




MAT 5625

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

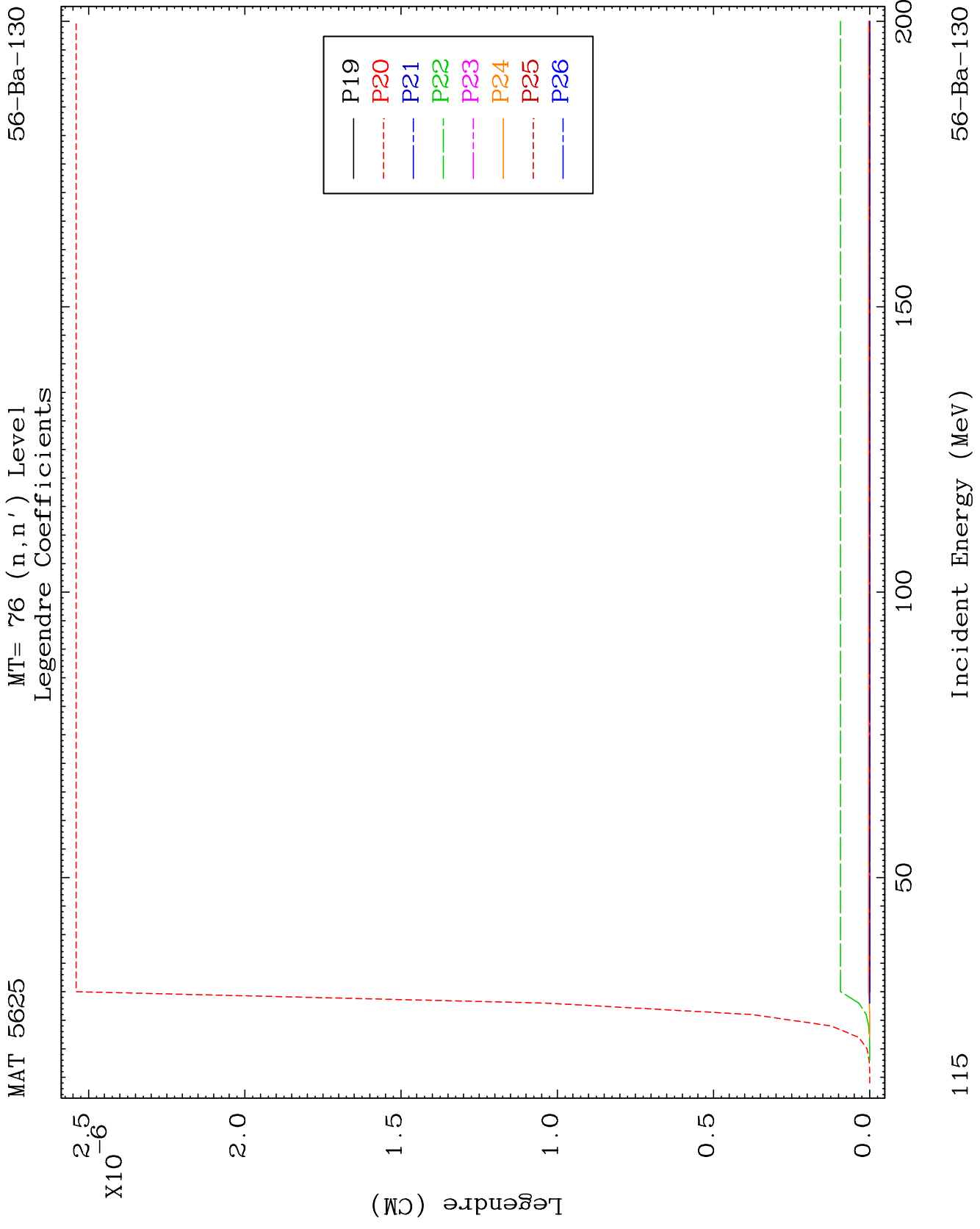
56-Ba-130



114

Incident Energy (MeV)

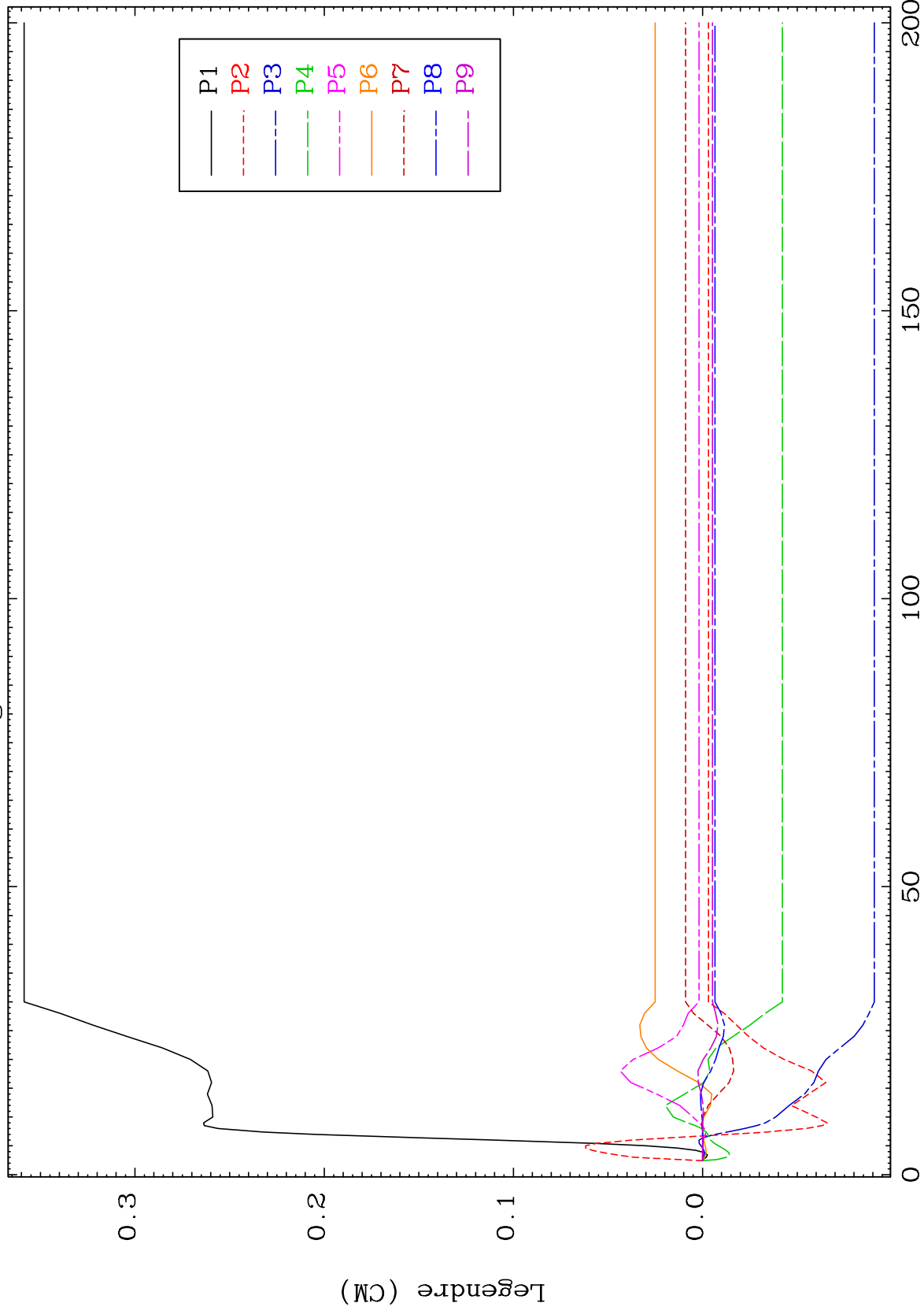
56-Ba-130



MAT 5625

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

56-Ba-130



116

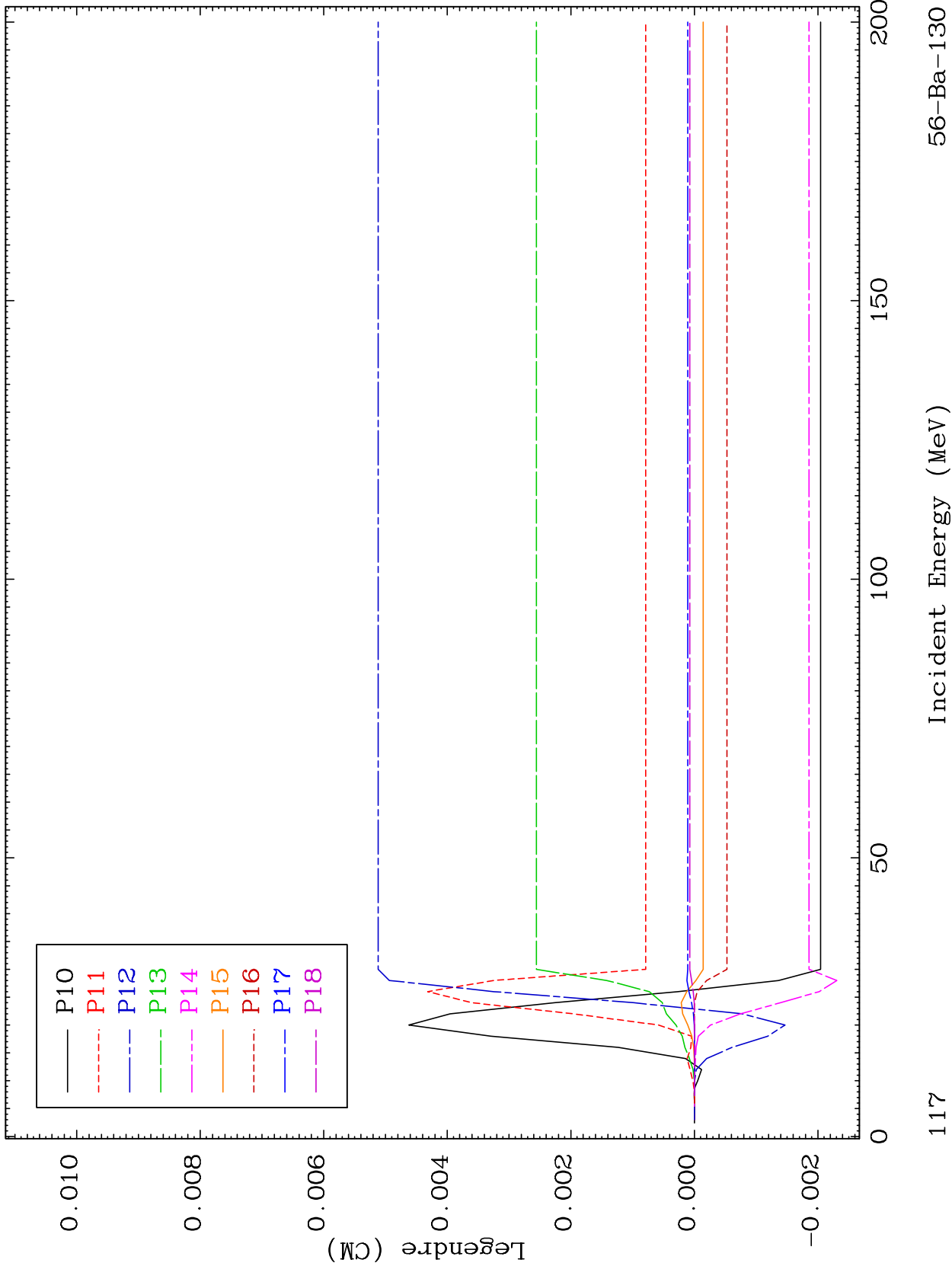
Incident Energy (MeV)

56-Ba-130

MAT 5625

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

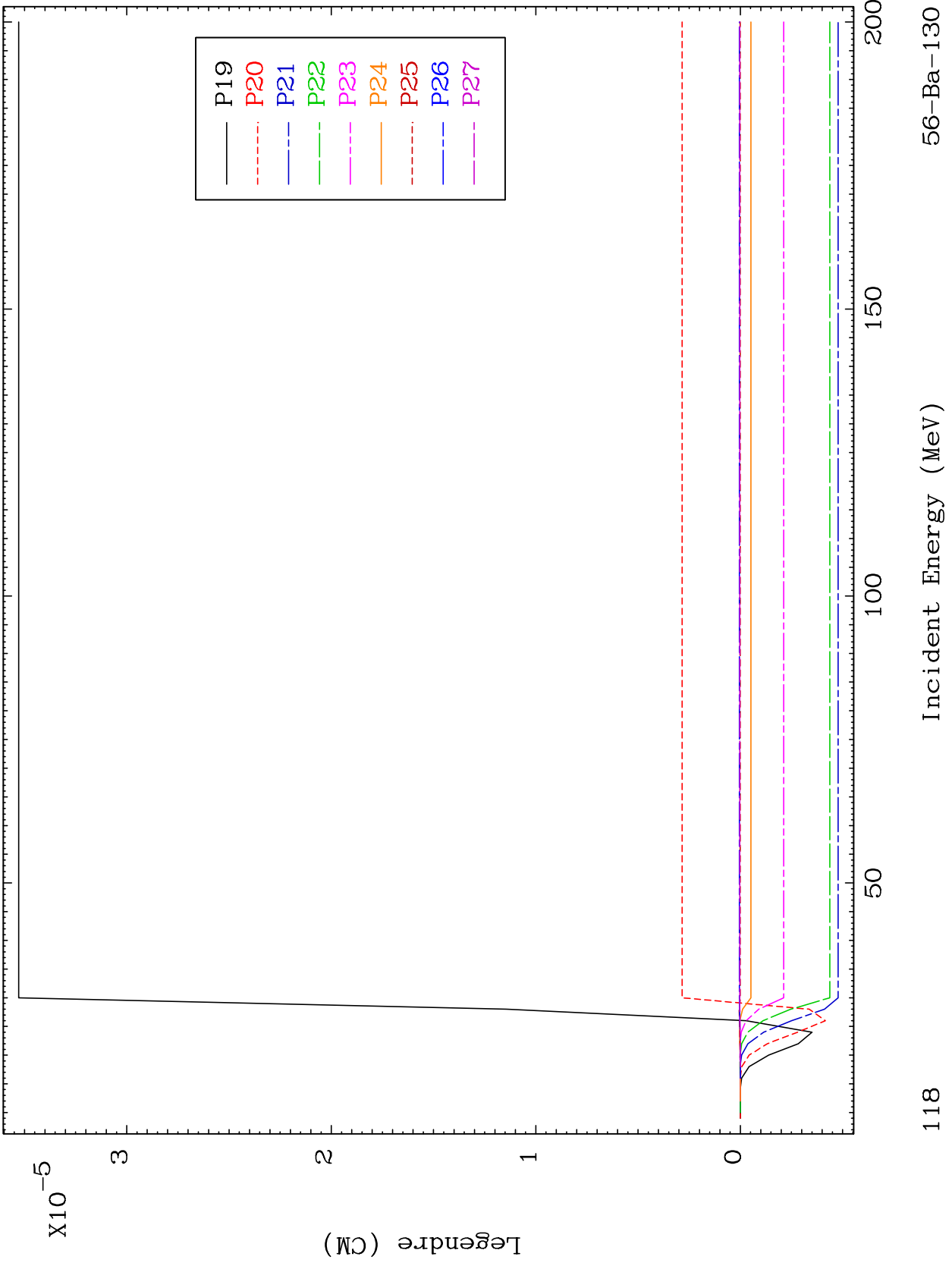
56-Ba-130



MAT 5625

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

56-Ba-130



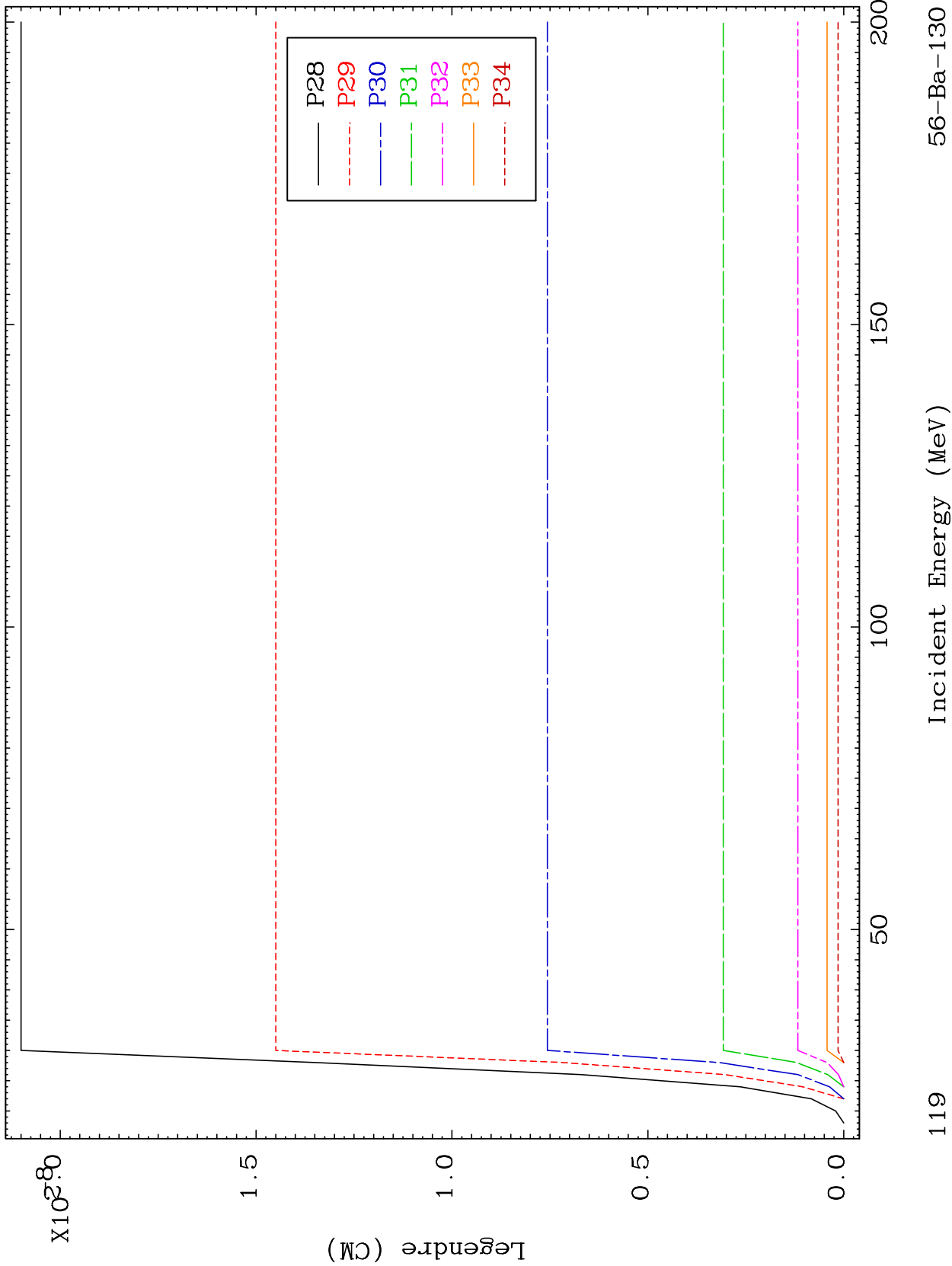
118

56-Ba-130

MAT 5625

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

56-Ba-130



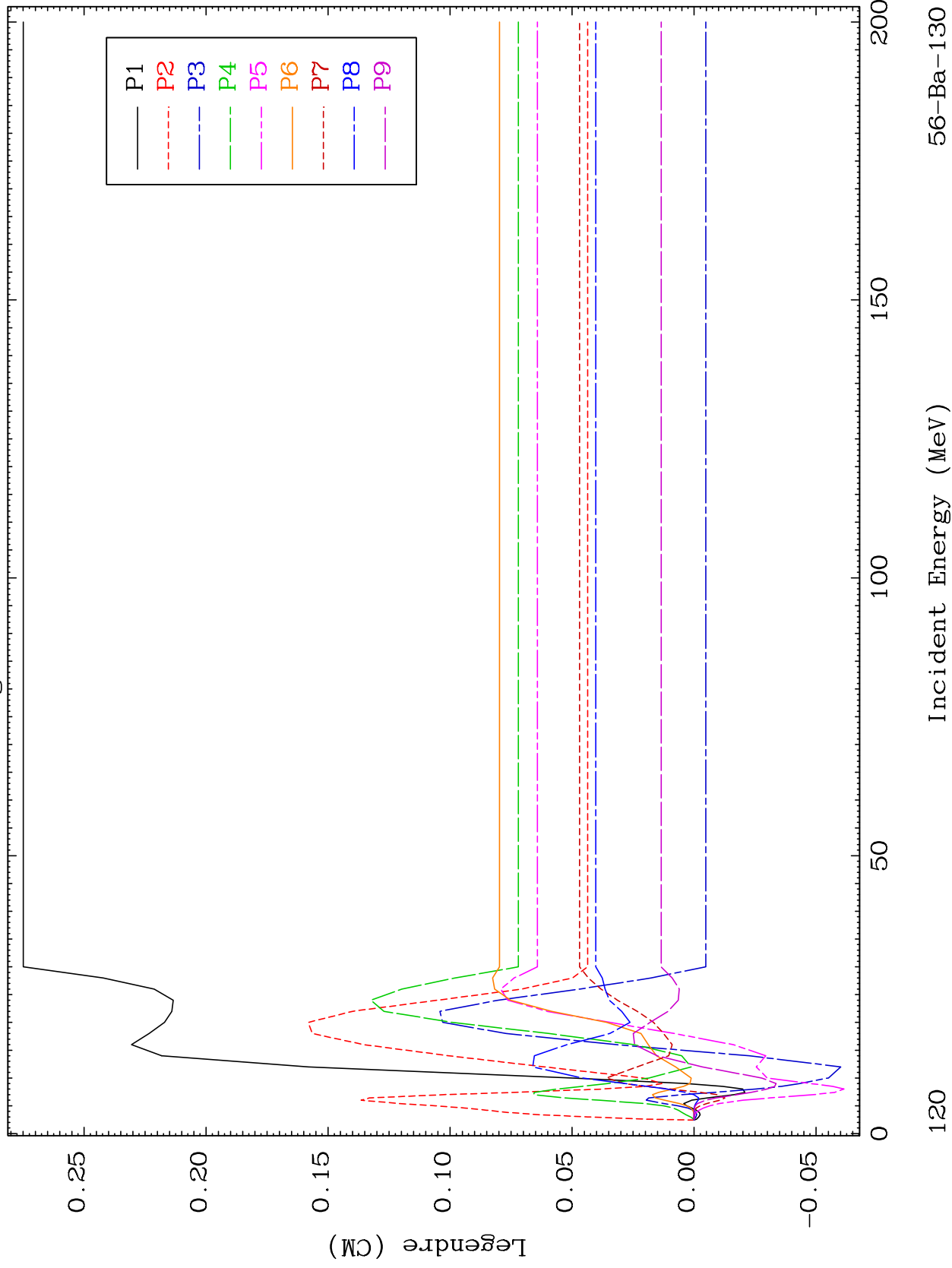
119

56-Ba-130

MAT 5625

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

56-Ba-130



56-Ba-130

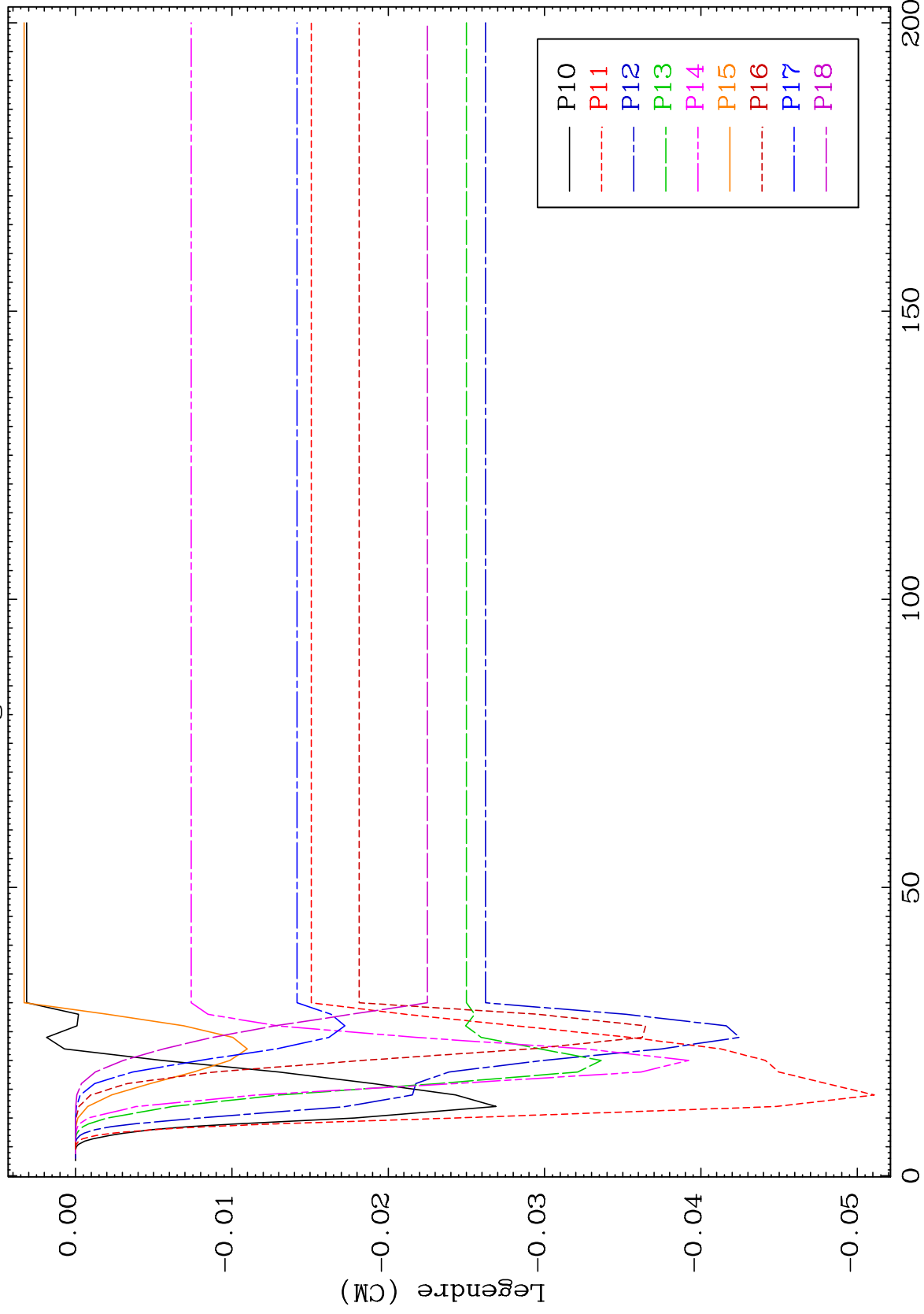
Incident Energy (MeV)

120

MAT 5625

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

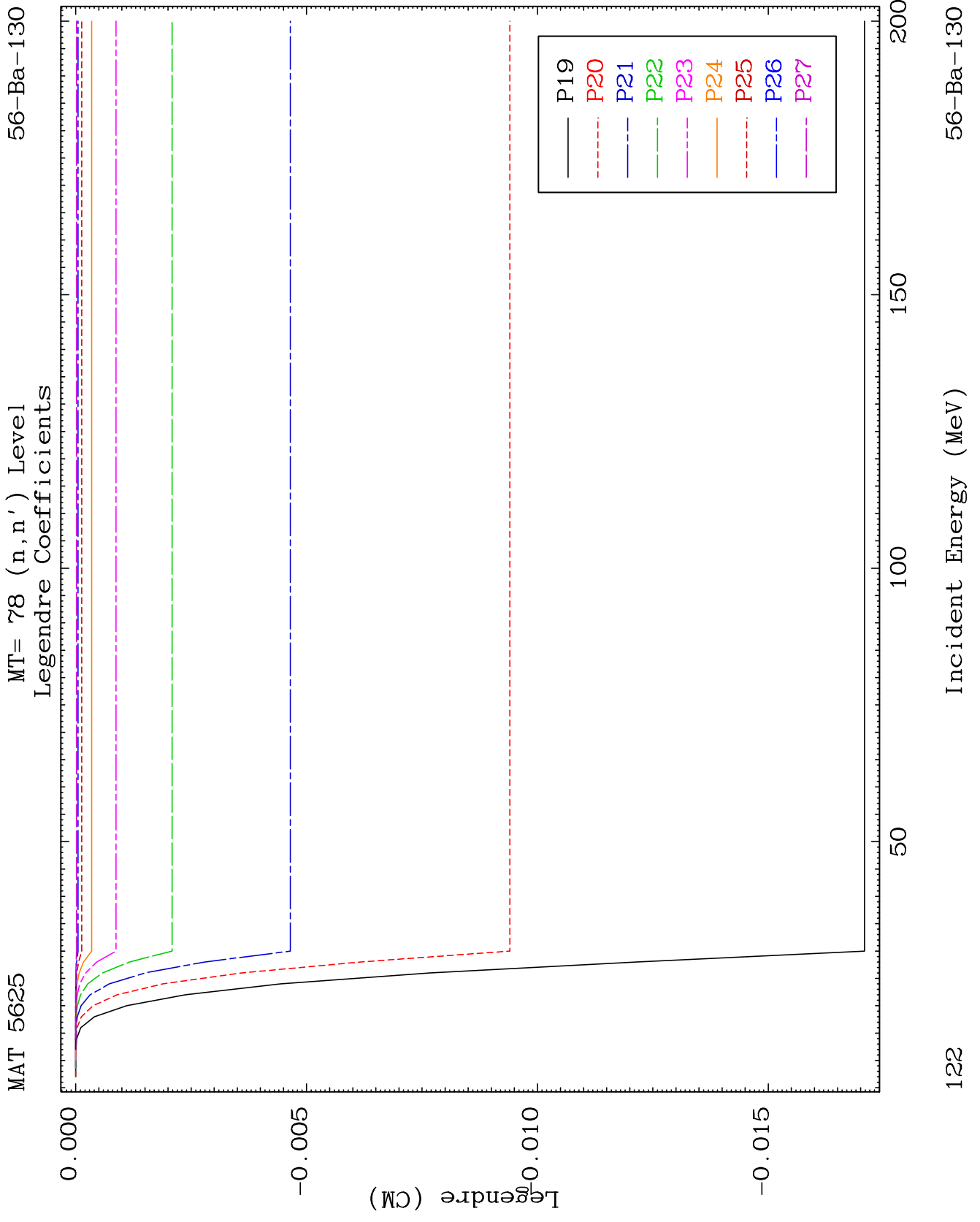
56-Ba-130

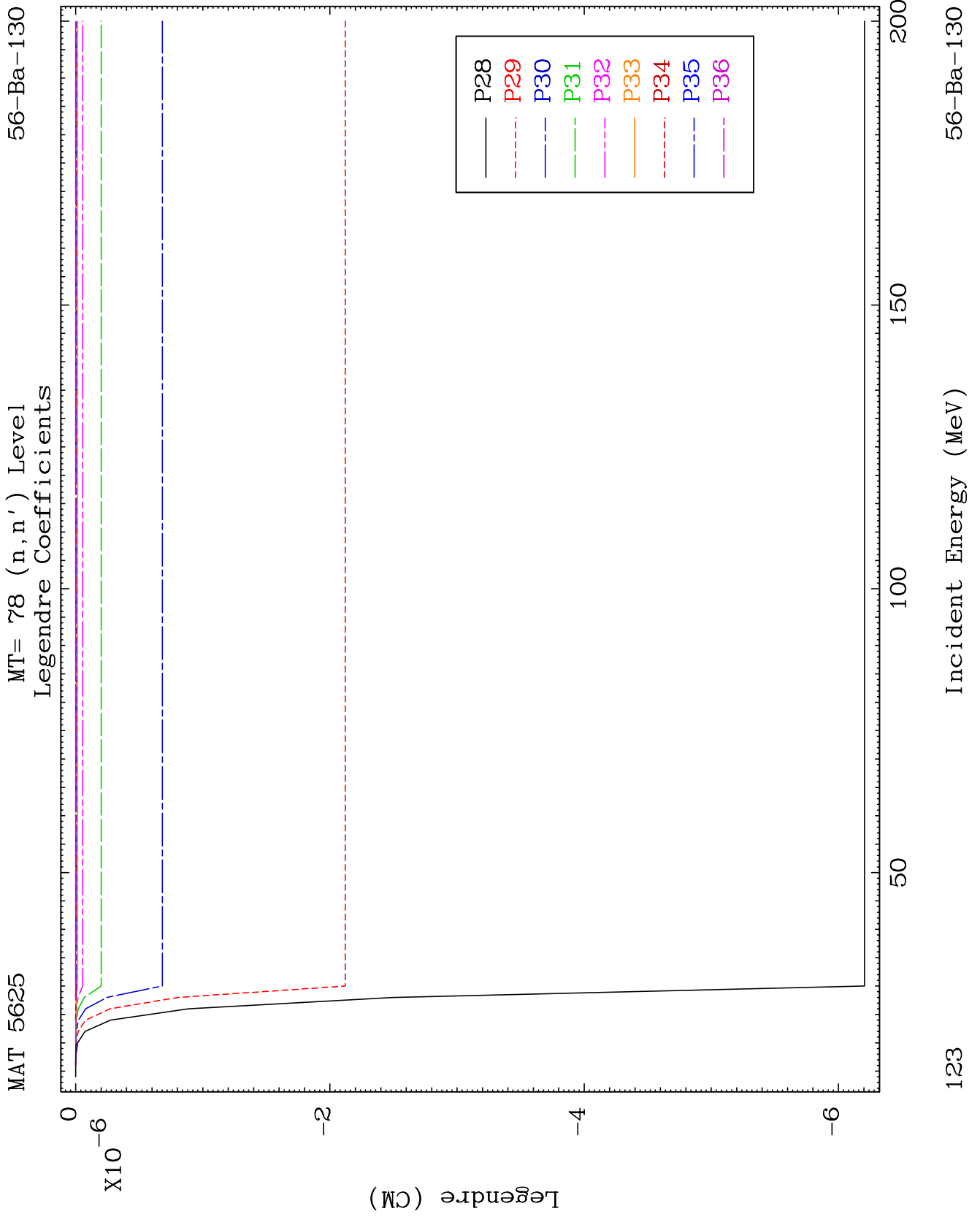


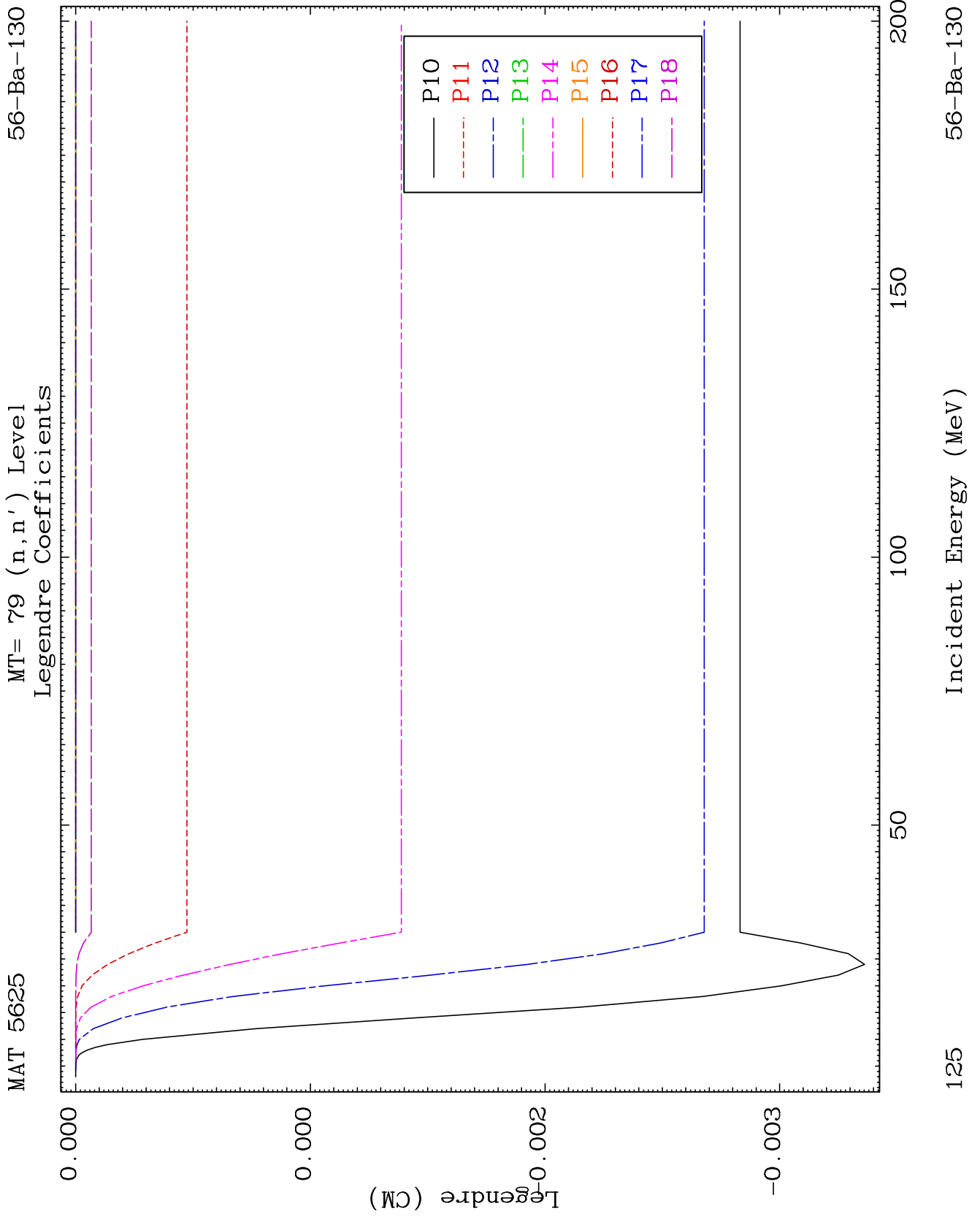
121

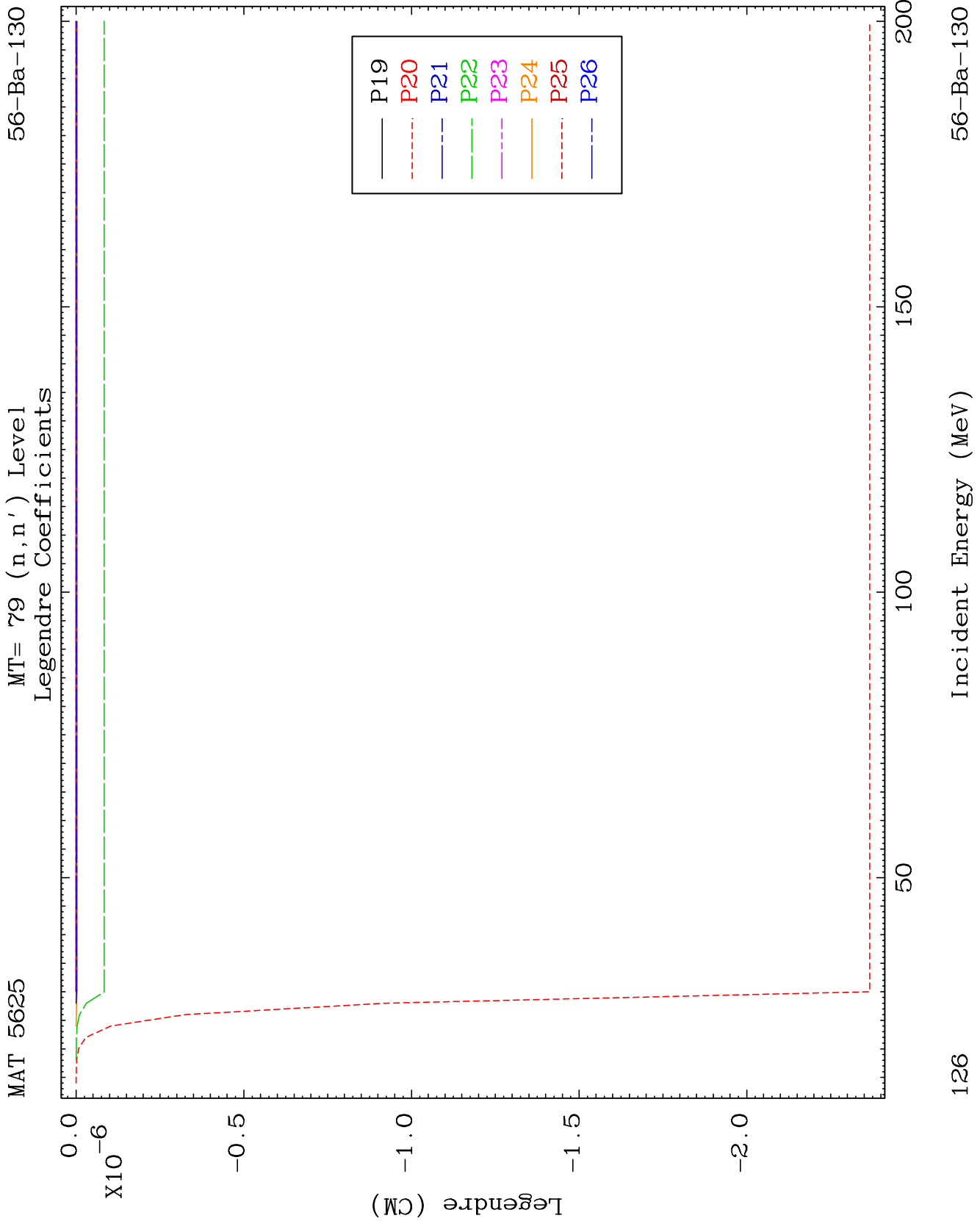
Incident Energy (MeV)

56-Ba-130





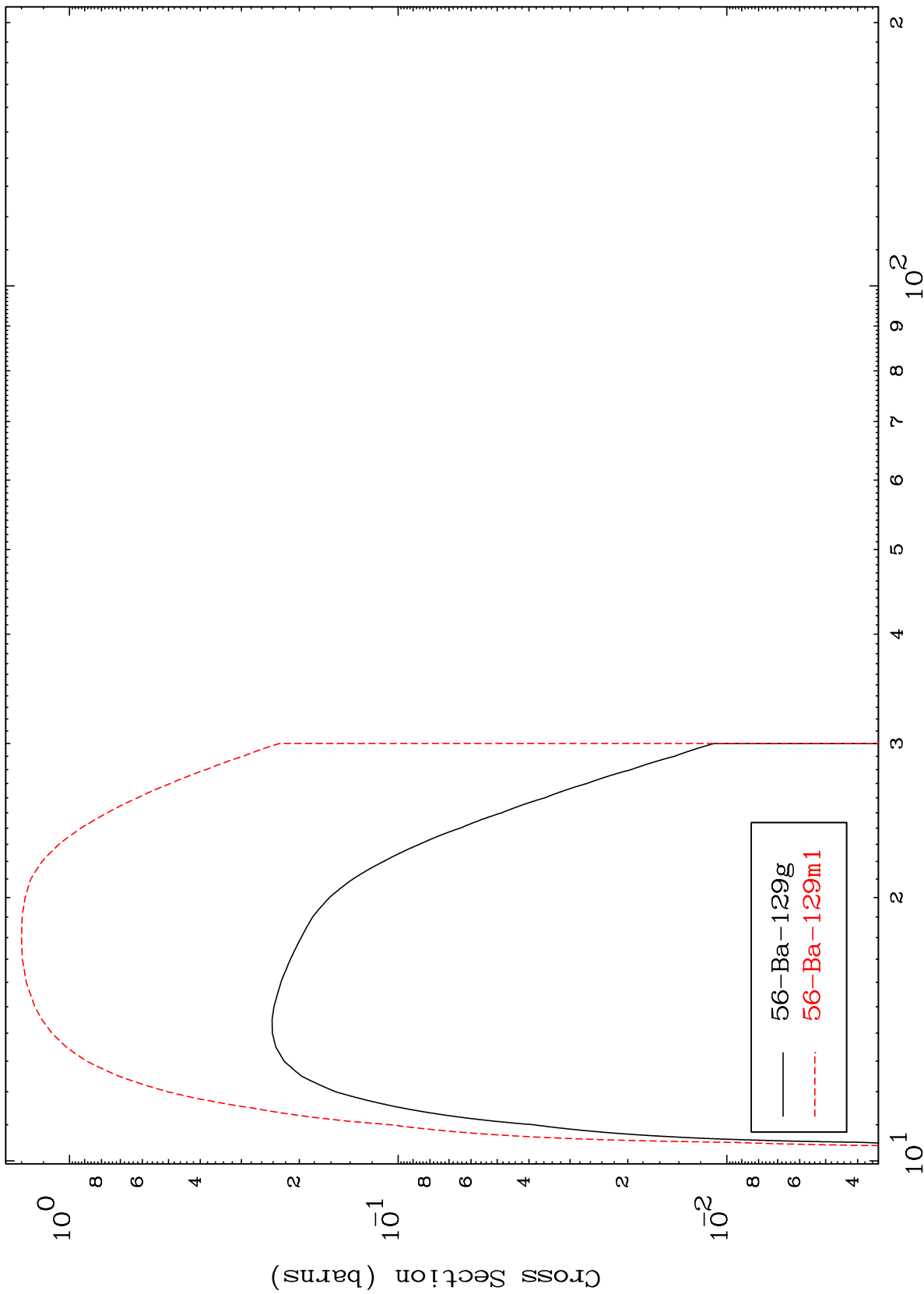




MAT 5625

56-Ba-130

(n,2n)
Radionuclide Production Cross Section

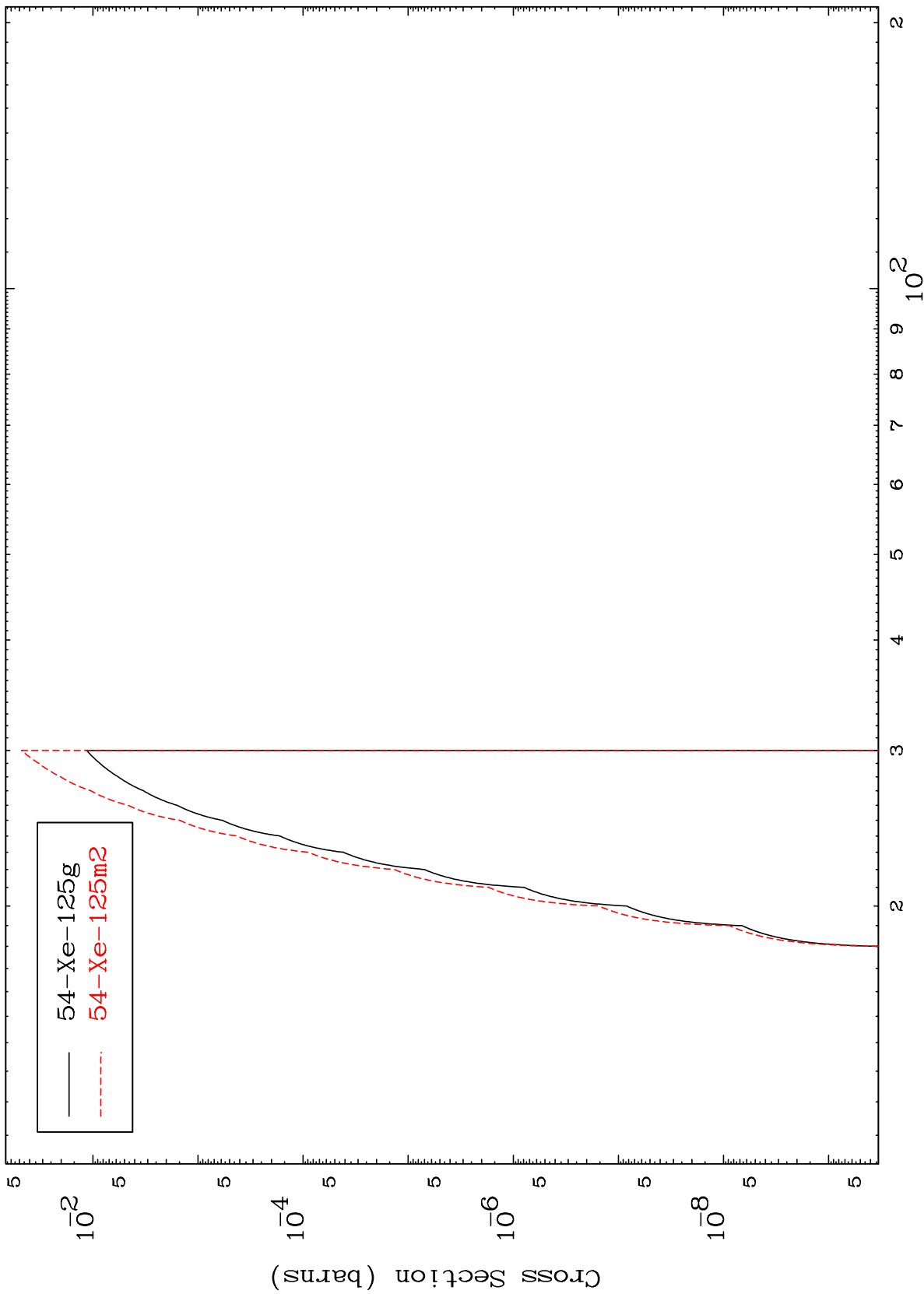


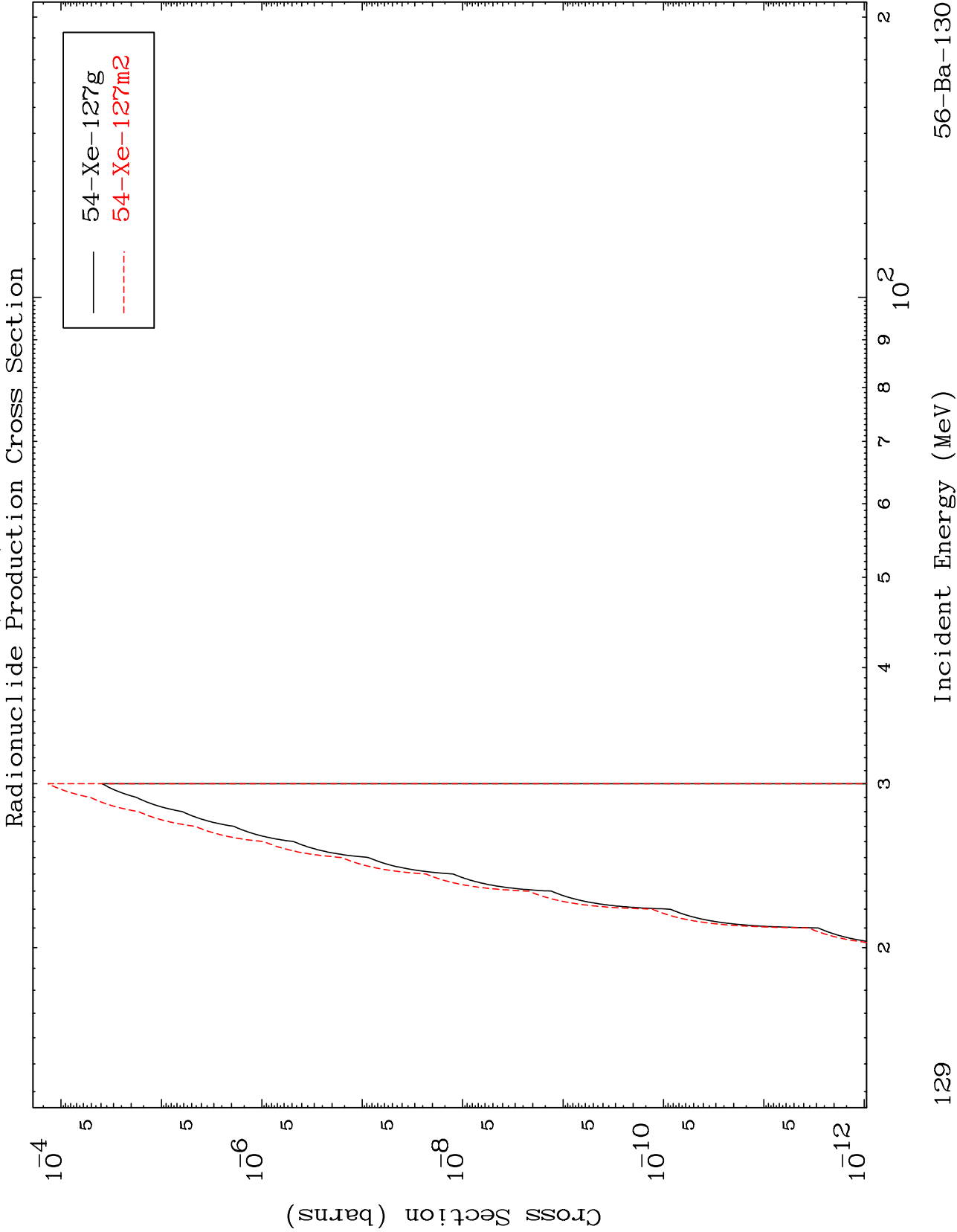
56-Ba-130

Incident Energy (MeV)

127

Radionuclide Production Cross Section



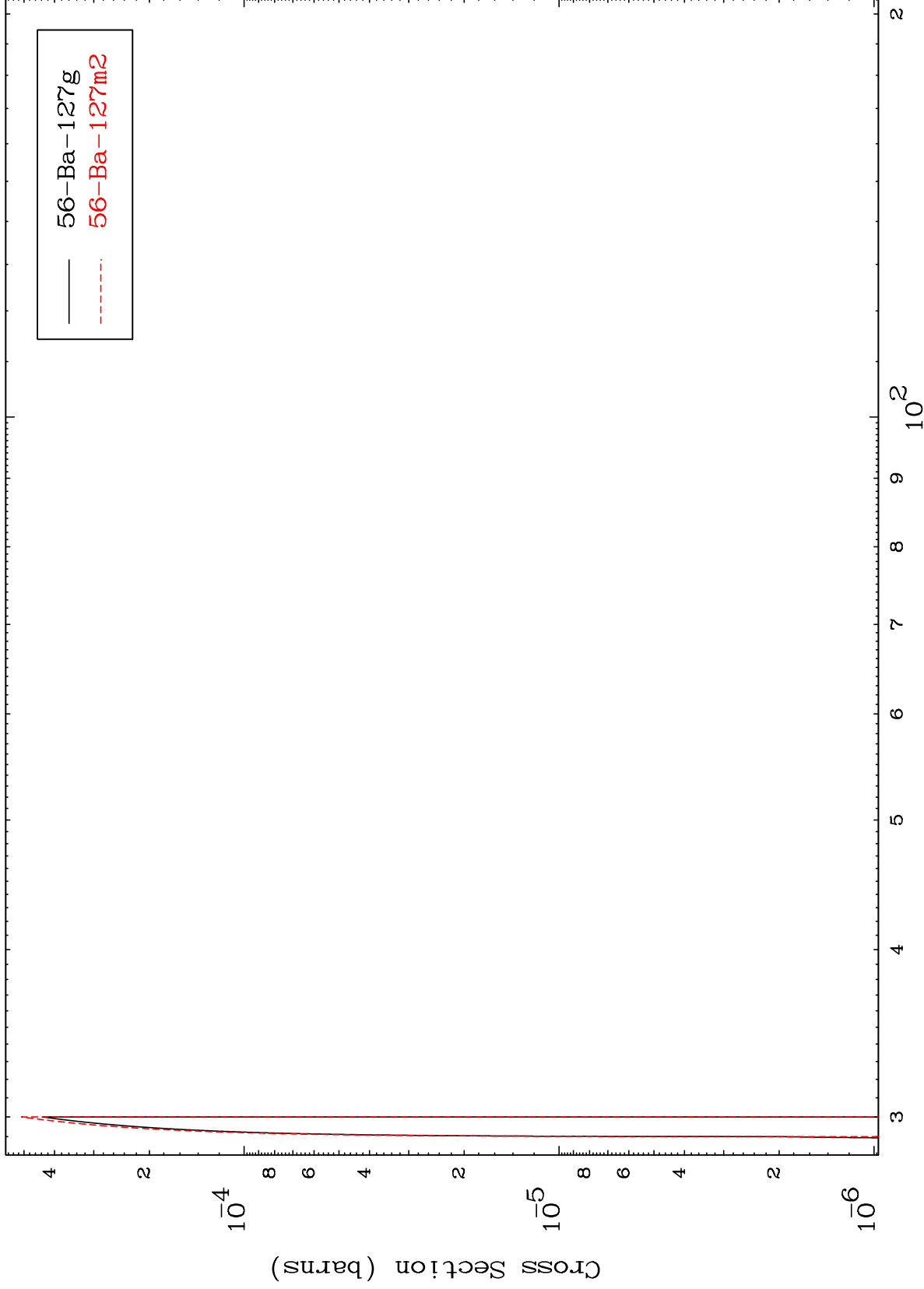


MAT 5625

(n,4n)

56-Ba-130

Radionuclide Production Cross Section



130

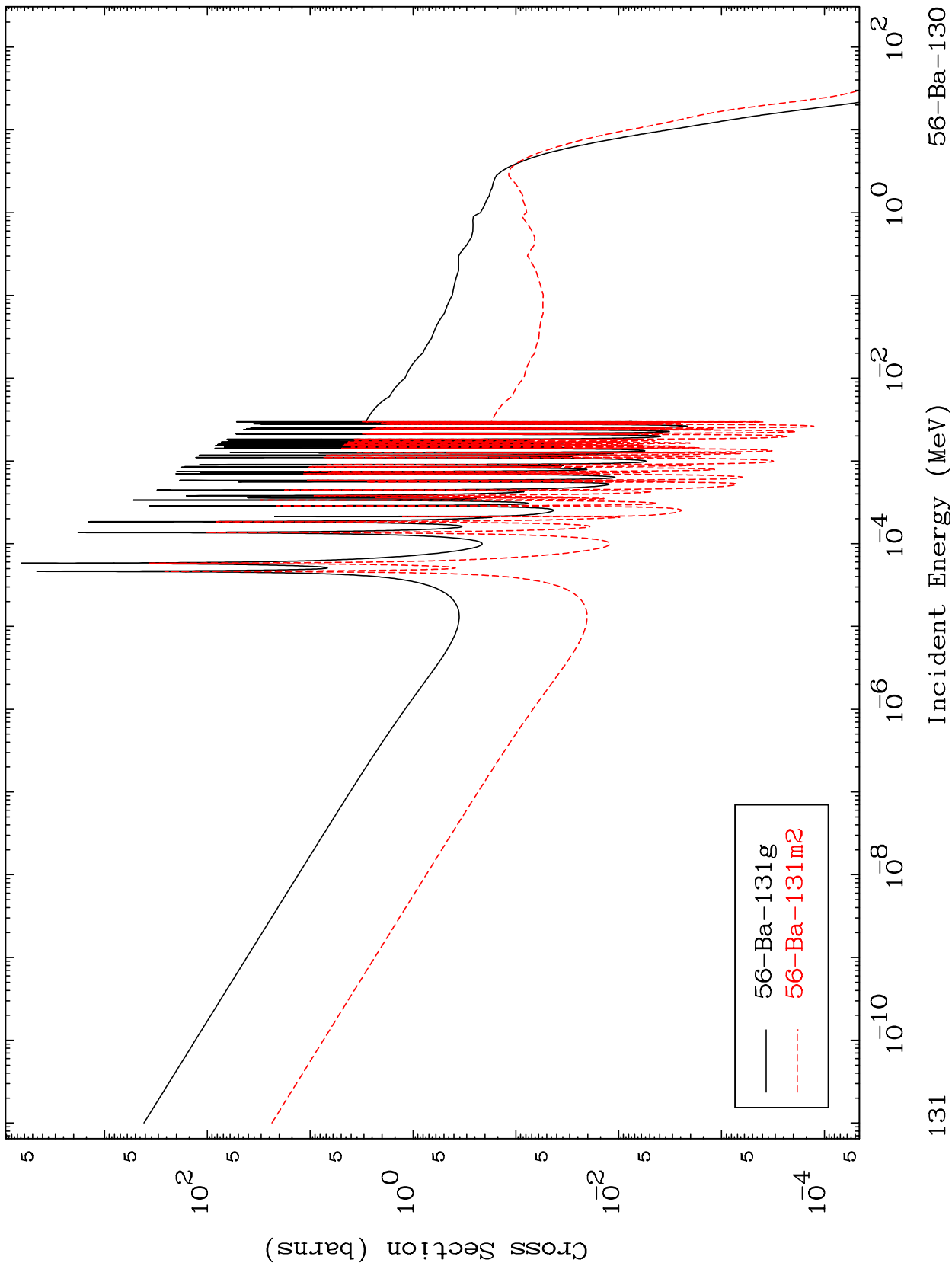
Incident Energy (MeV)

56-Ba-130

MAT 5625

56-Ba-130

(n, γ)
Radionuclide Production Cross Section

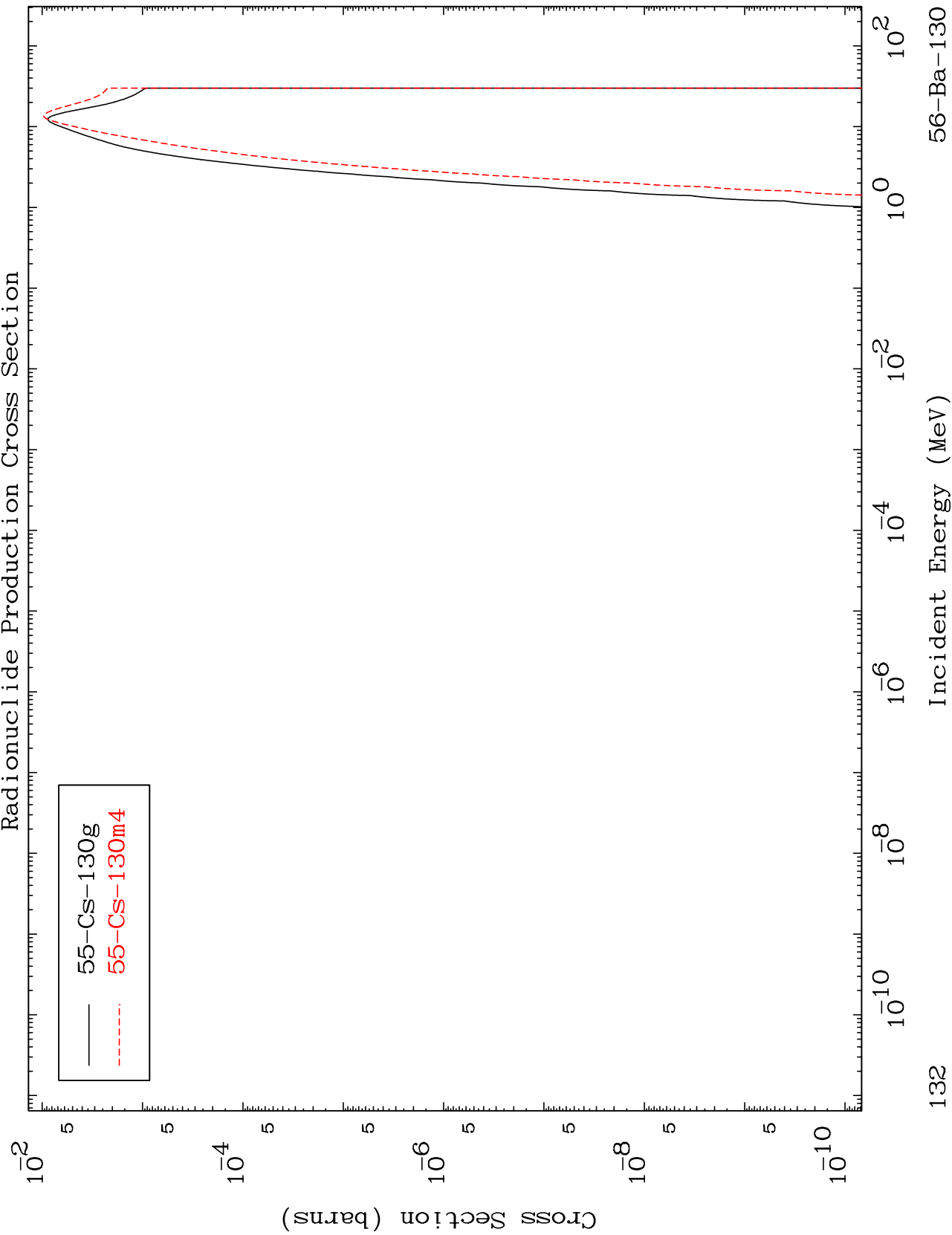


131

MAT 5625

56-Ba-130

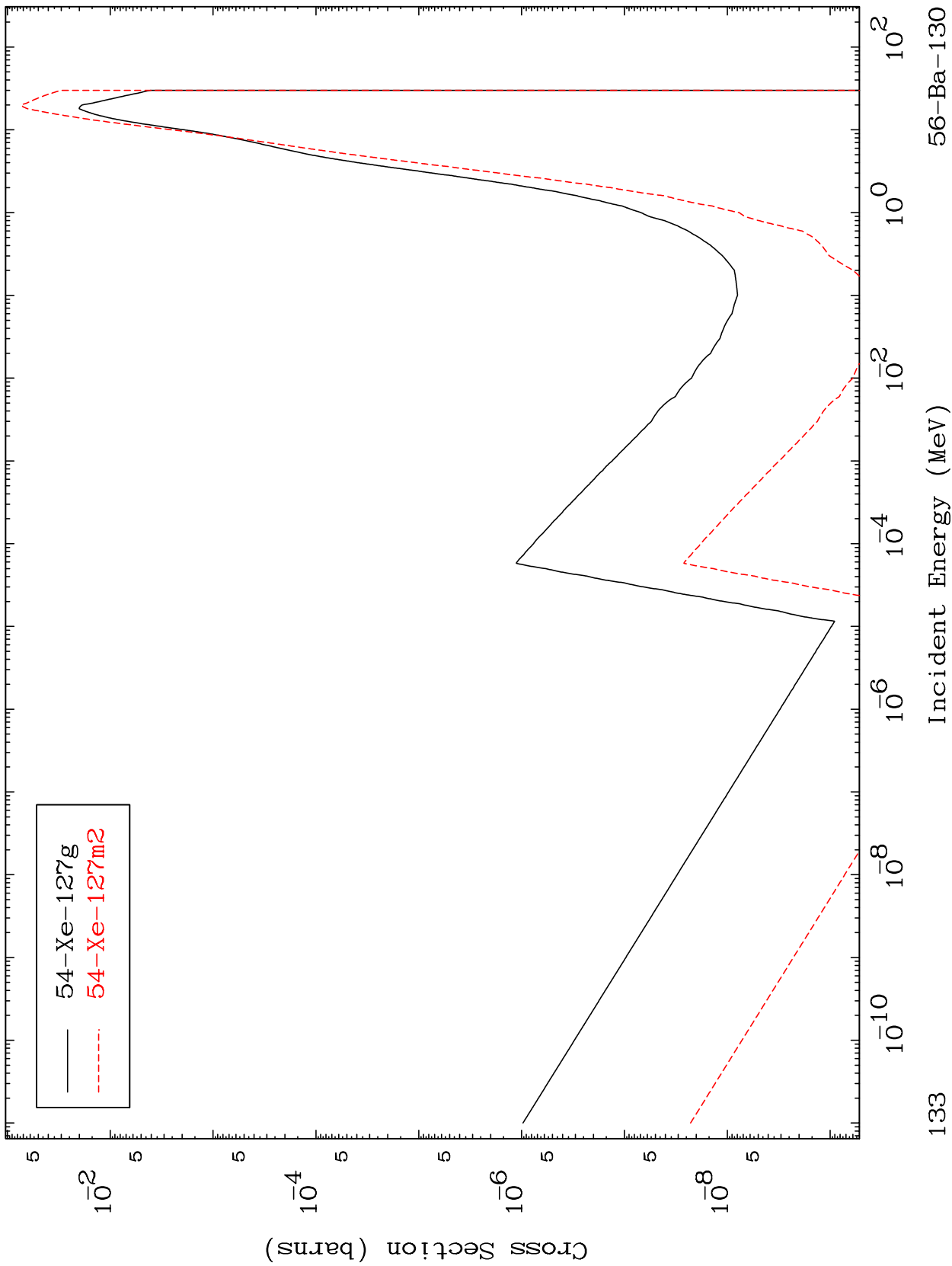
(n,p)
Radionuclide Production Cross Section



MAT 5625

56-Ba-130

Radionuclide Production Cross Section
(n, α)

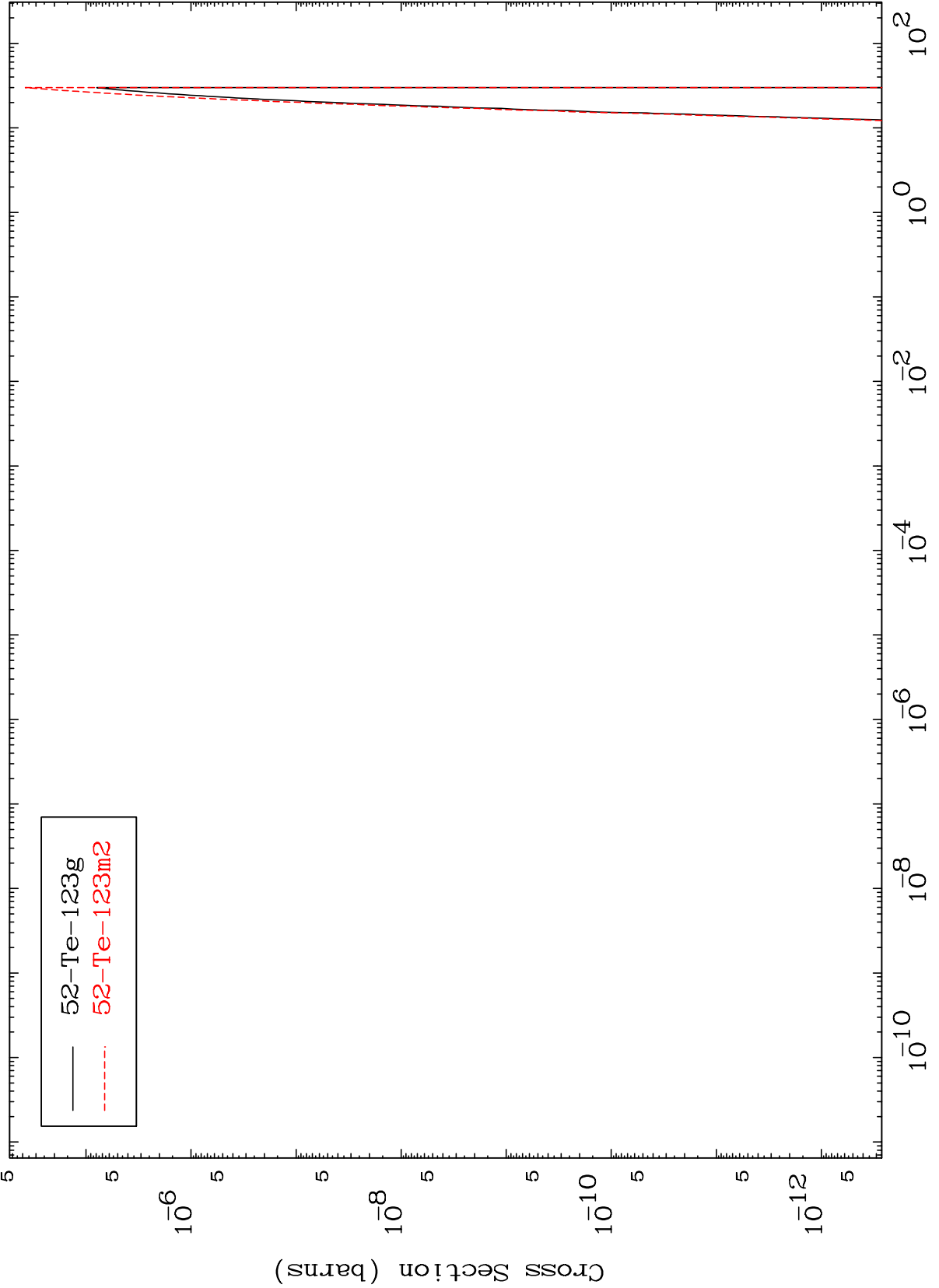


MAT 5625

(n,2α)

56-Ba-130

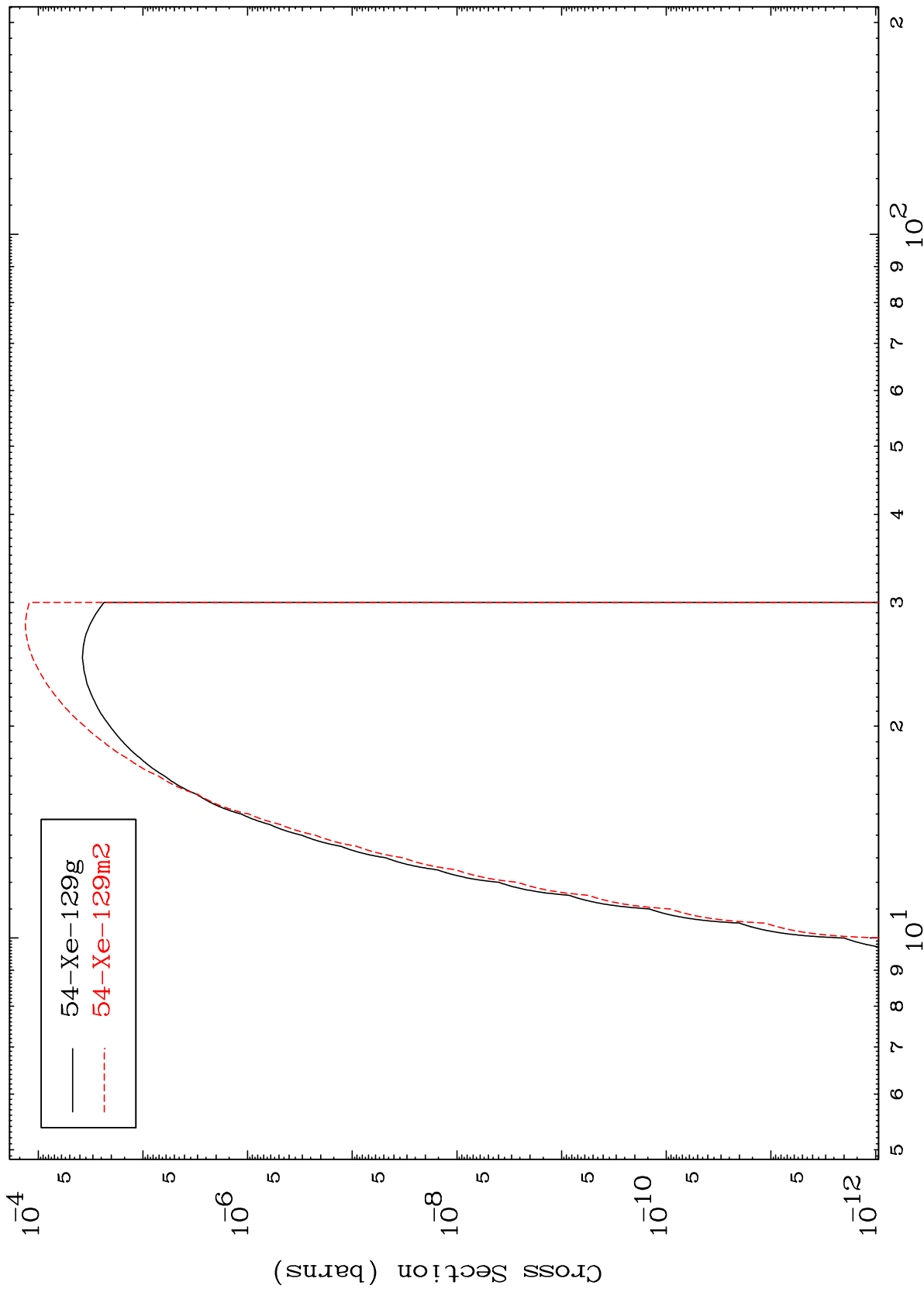
Radionuclide Production Cross Section



MAT 5625

56-Ba-130

(n,2p)
Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

56-Ba-130

Incident Energy (MeV)

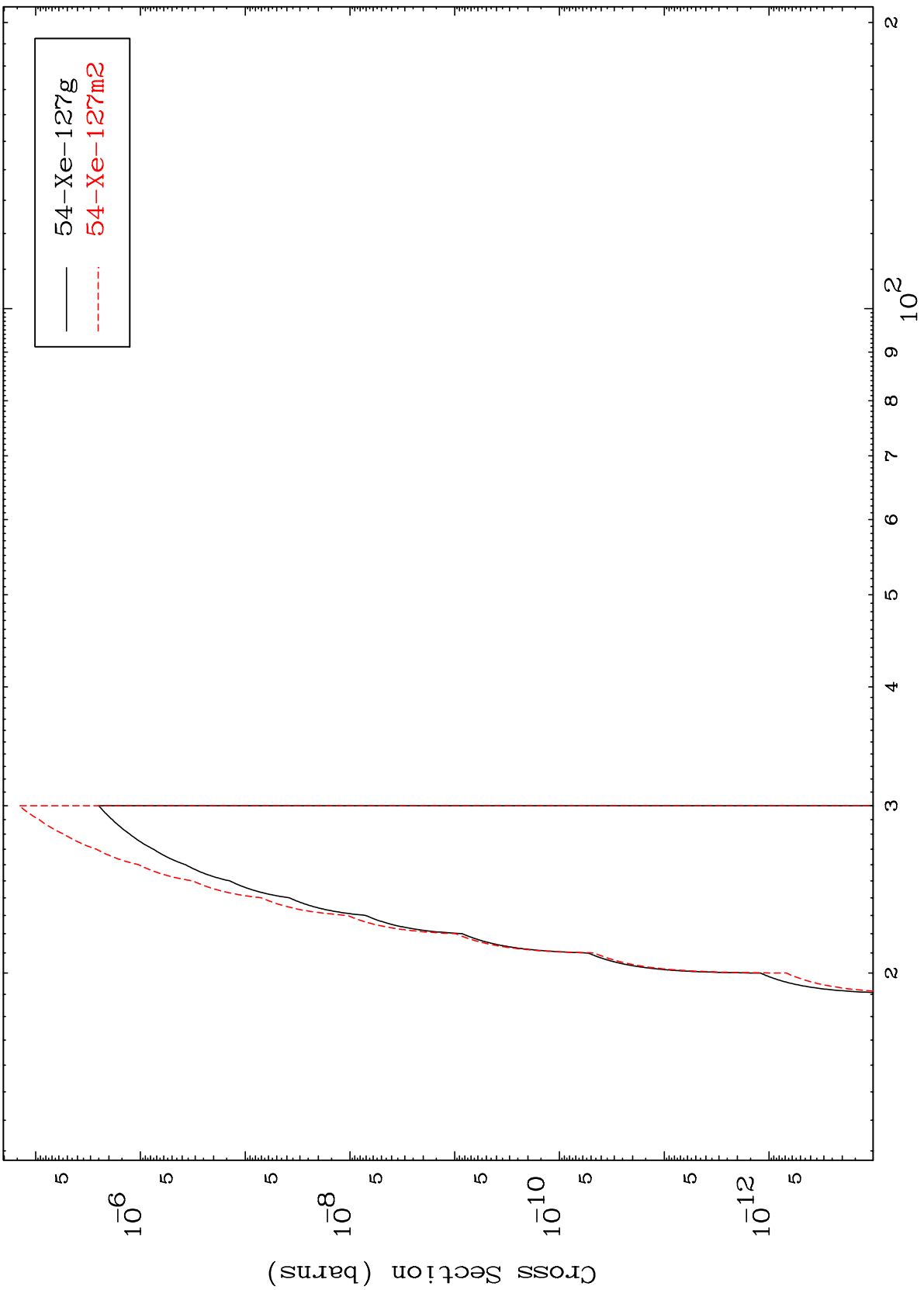
135

MAT 5625

(n,p) t

56-Ba-130

Radionuclide Production Cross Section



54-Xe-127g
54-Xe-127m2

136

Incident Energy (MeV)

56-Ba-130