

Program EVALPLOT
(Version 2018-1)

by

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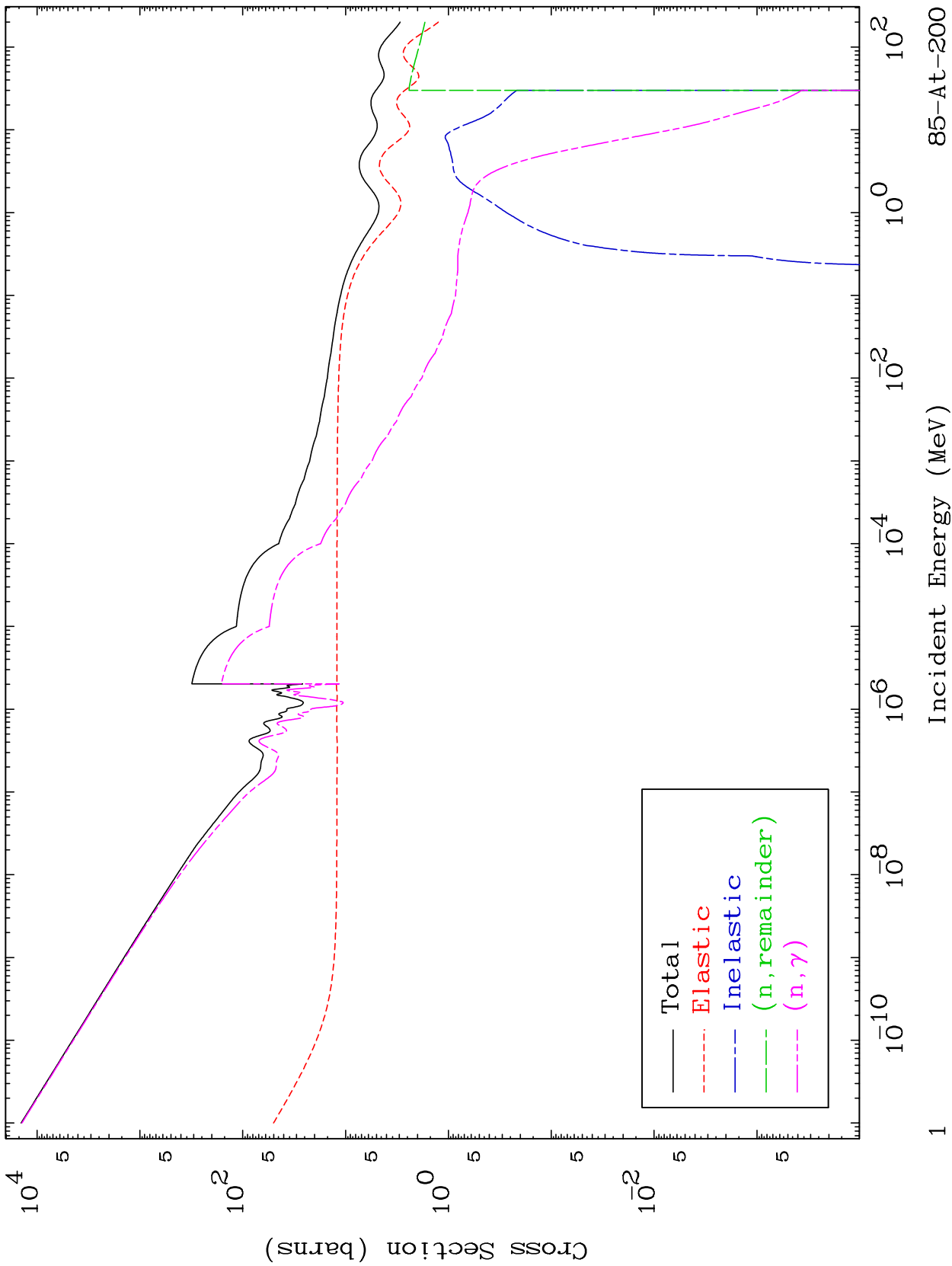
Press Mouse Button to Start

MAT 8516

Major

293 Kelvin Cross Sections

85-At-200



1

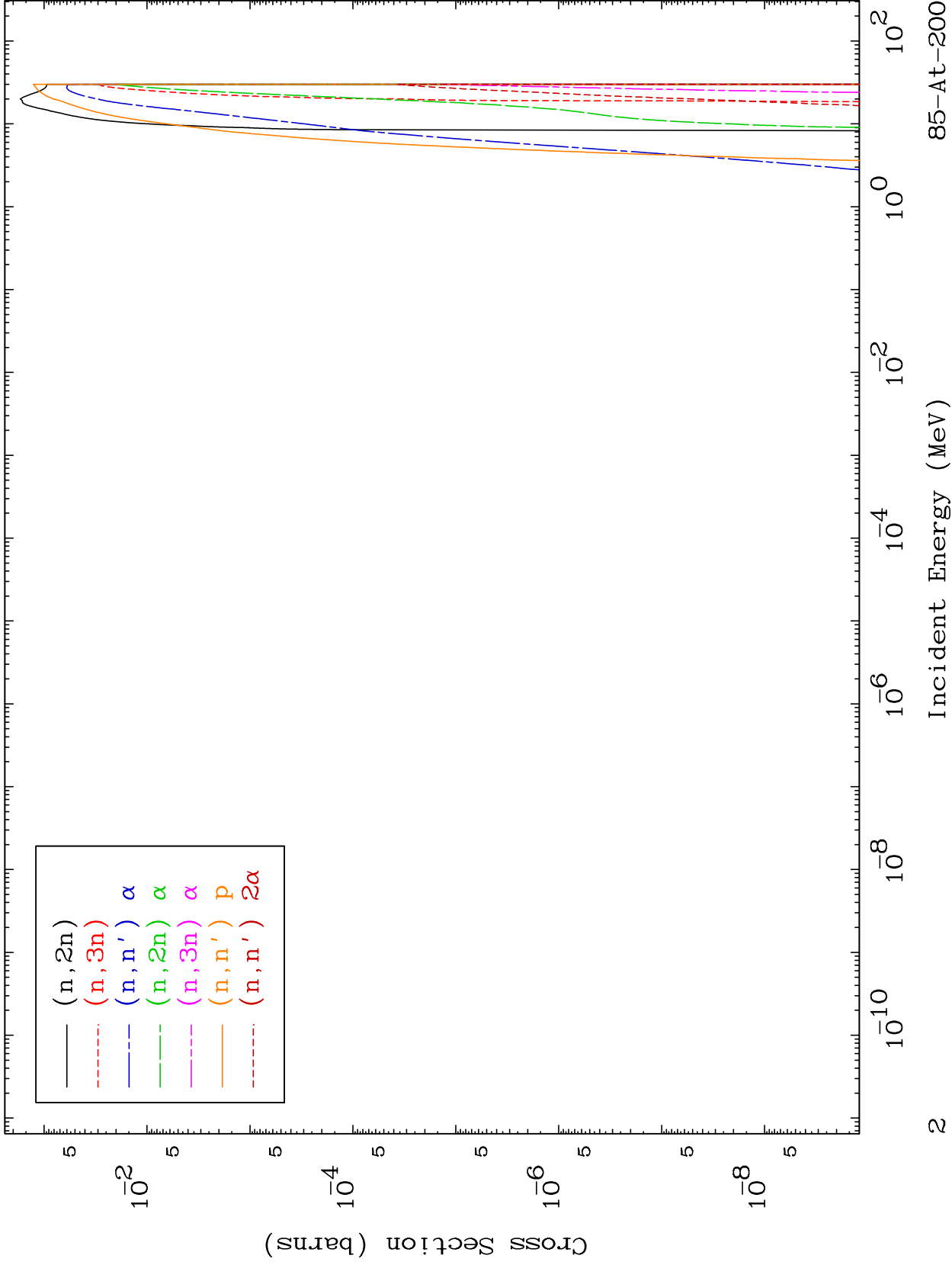
Incident Energy (MeV)

85-At-200

MAT 8516

Neutron Production
293 Kelvin Cross Sections

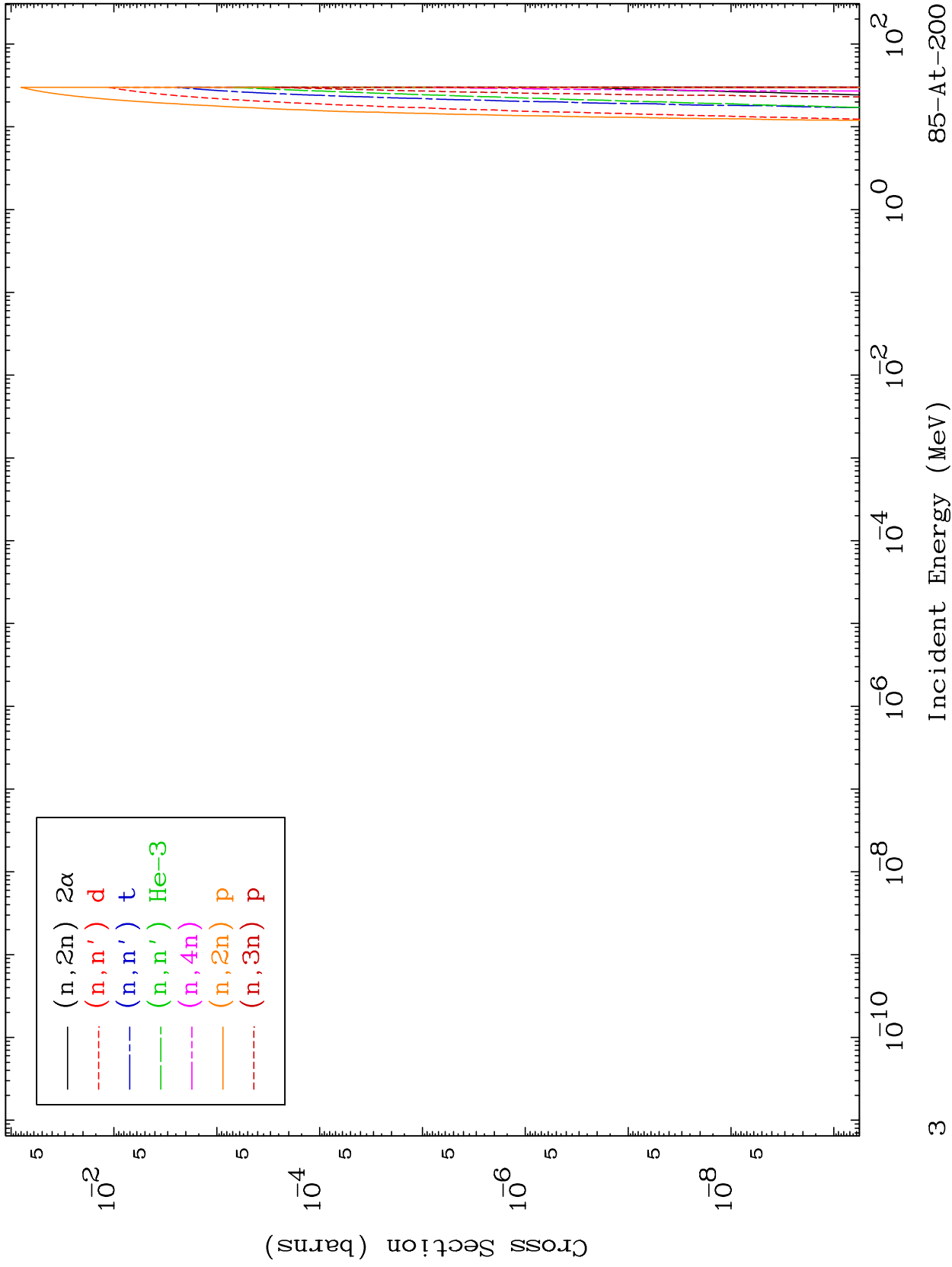
85-At-200



MAT 8516

Neutron Production
293 Kelvin Cross Sections

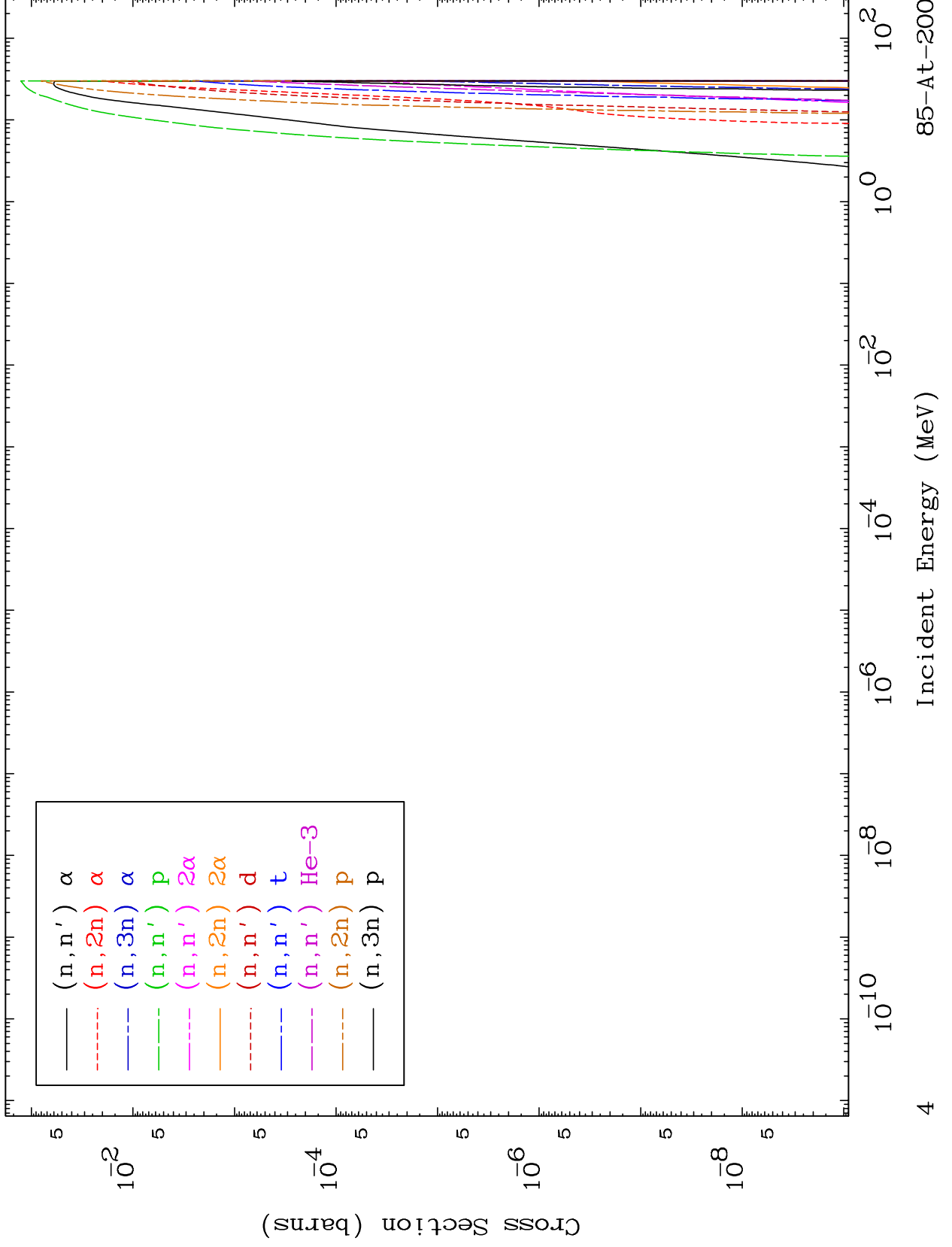
85-At-200



MAT 8516

Charged Particle
293 Kelvin Cross Sections

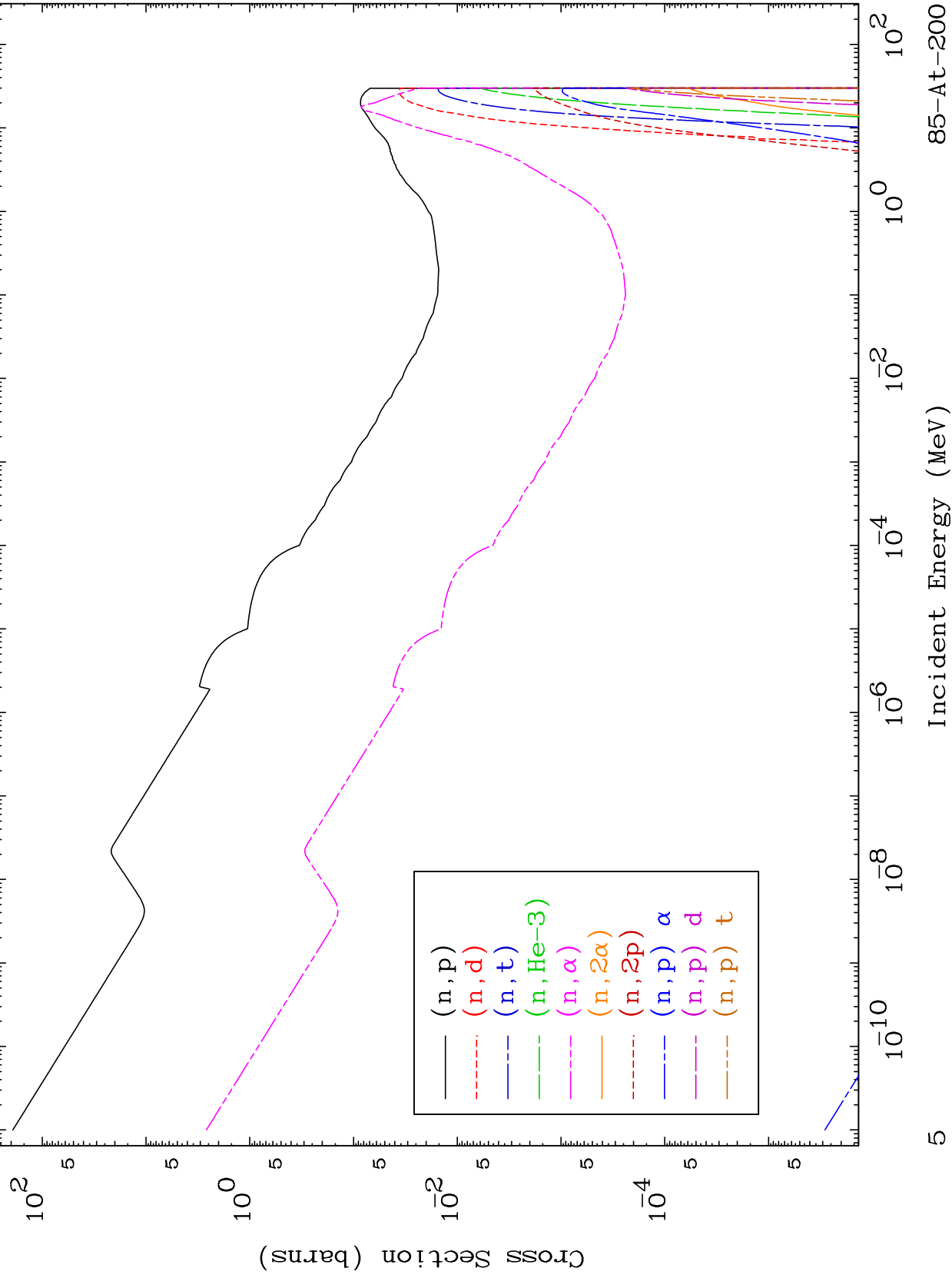
85-At-200



MAT 8516

Charged Particle
293 Kelvin Cross Sections

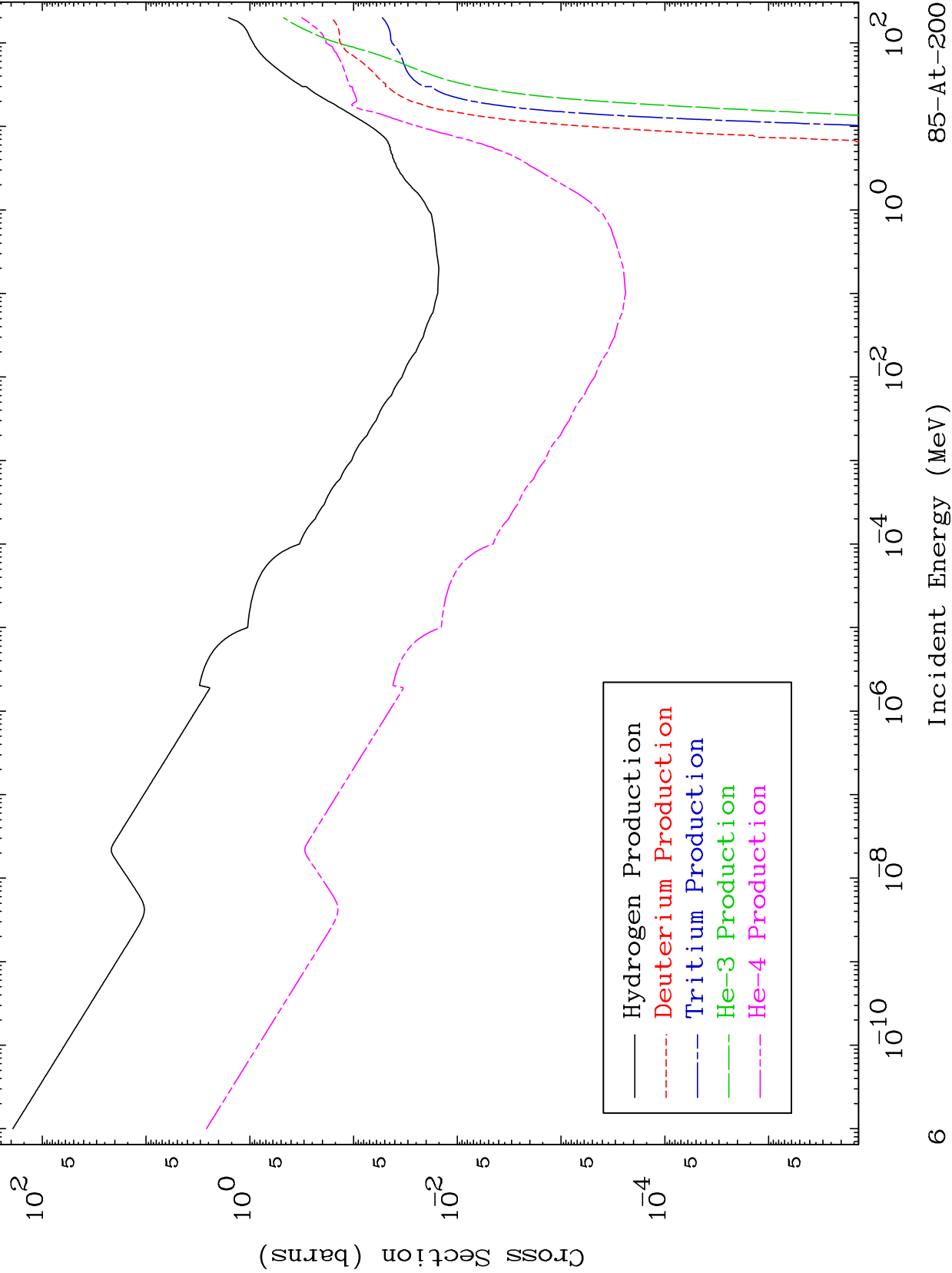
85-At-200



MAT 8516

Particle Production
293 Kelvin Cross Sections

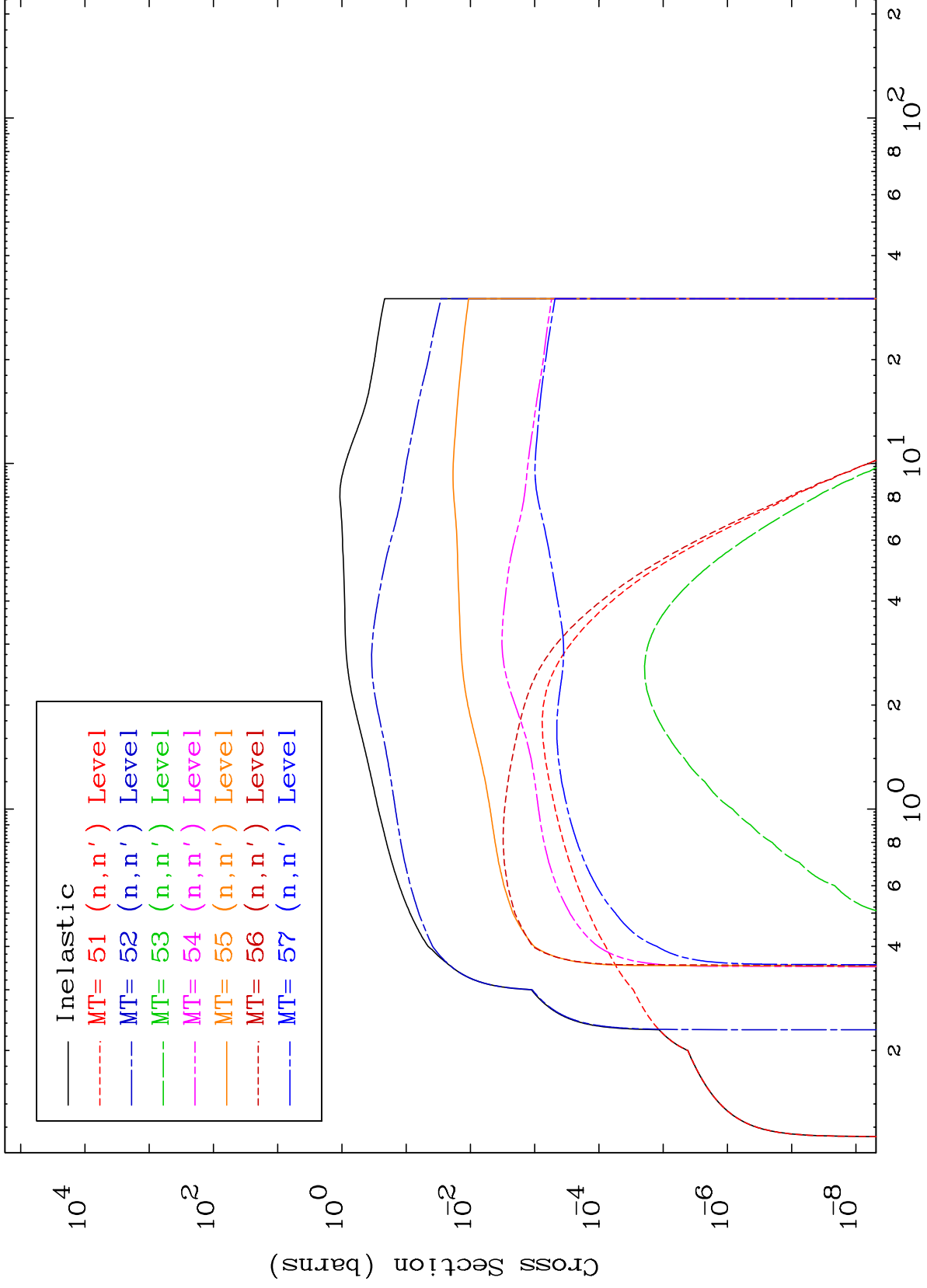
85-At-200



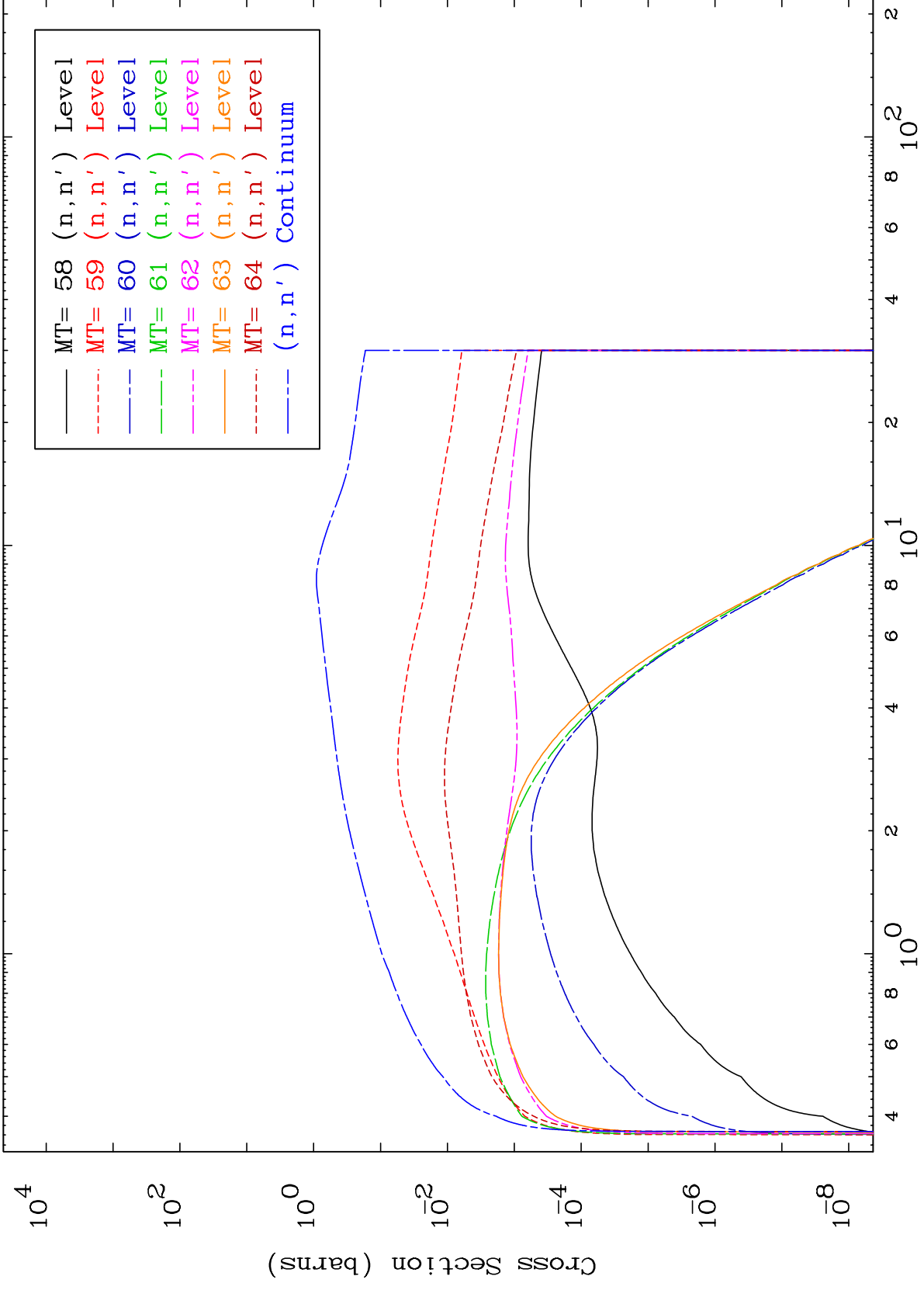
MAT 8516

(n,n') Level
293 Kelvin Cross Sections

85-At-200



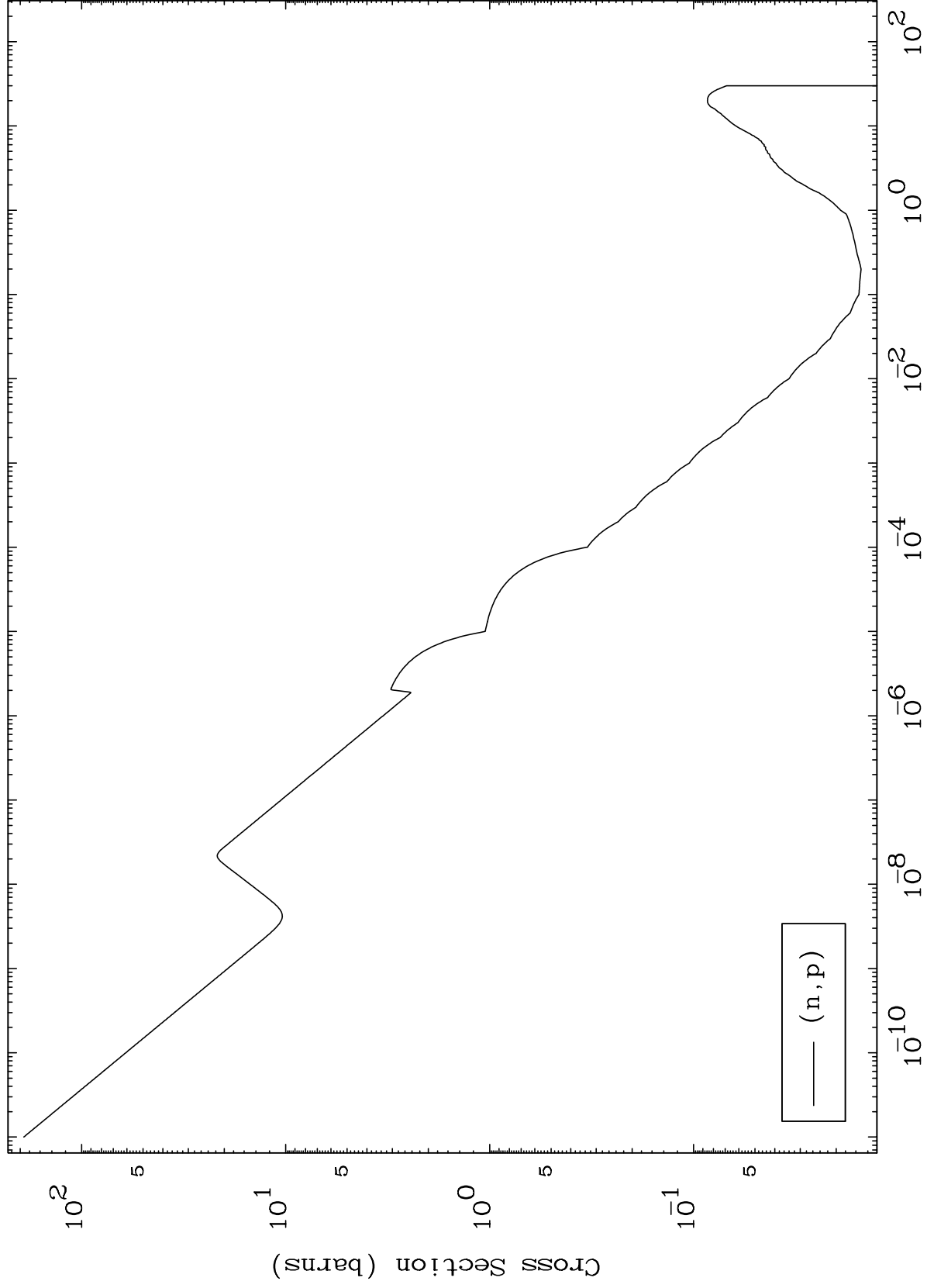
293 Kelvin Cross Sections



MAT 8516

(n,p) Levels
293 Kelvin Cross Sections

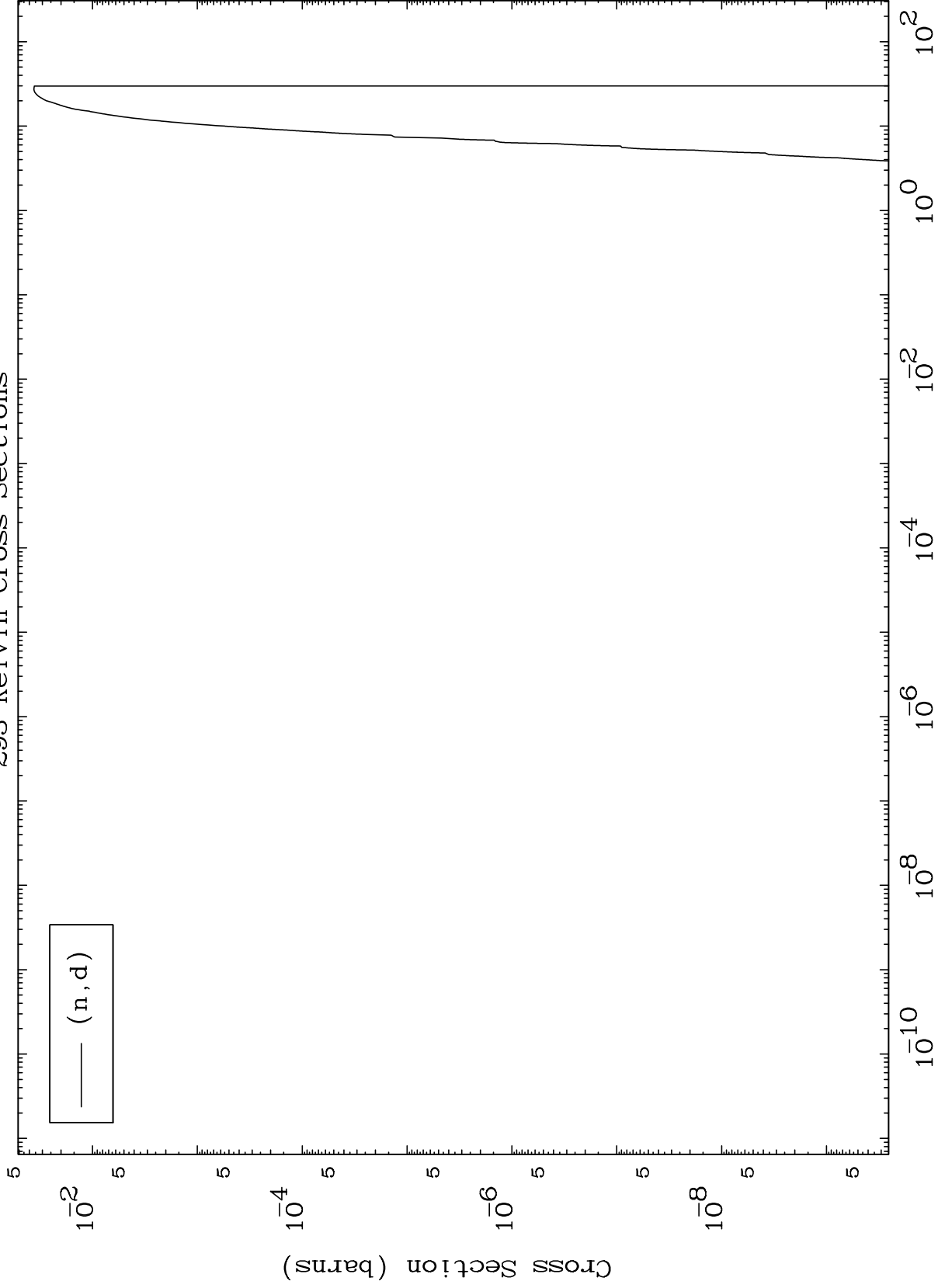
85-At-200



MAT 8516

(n,d) Levels
293 Kelvin Cross Sections

85-At-200



10

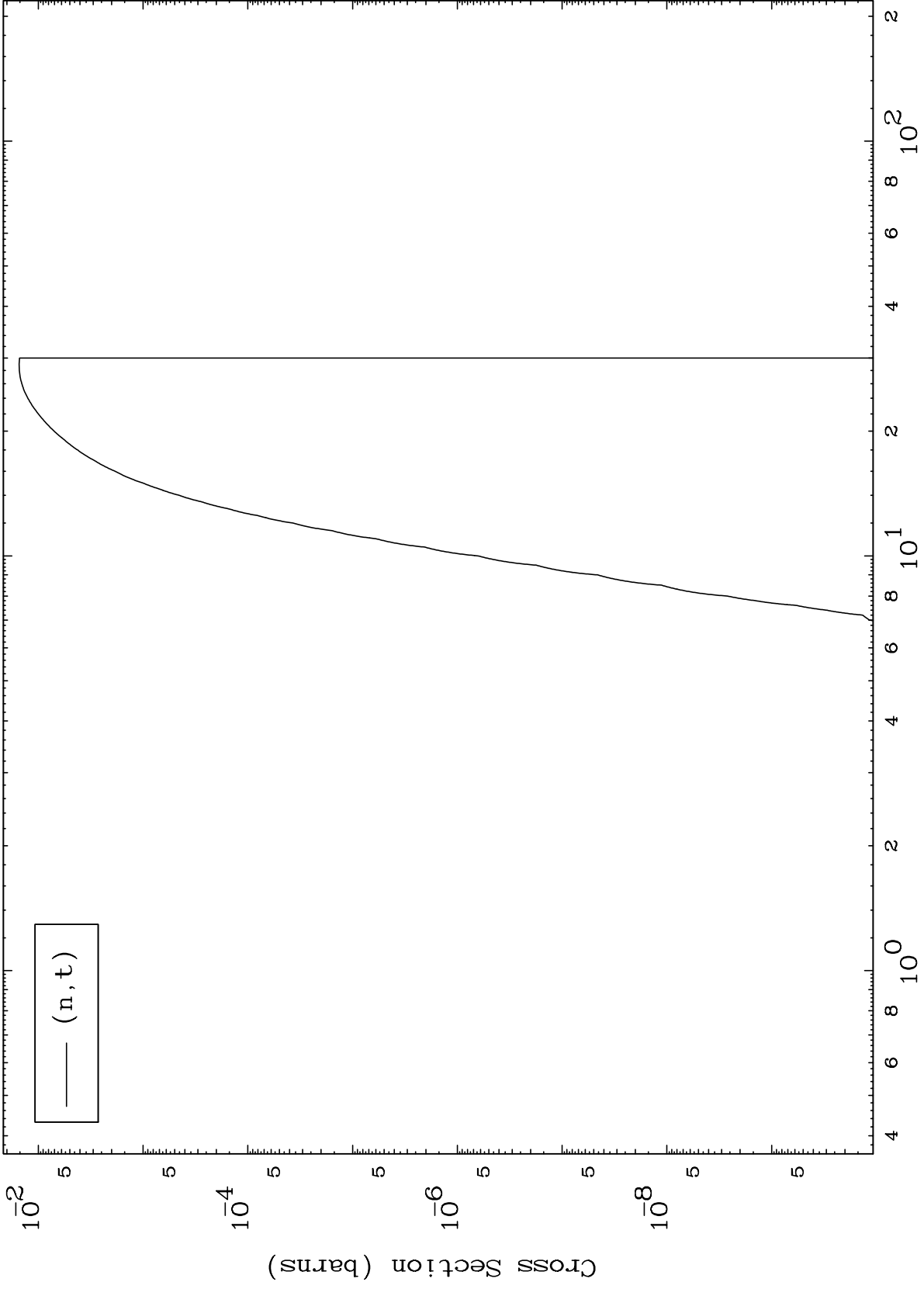
Incident Energy (MeV)

85-At-200

MAT 8516

(n,t) Levels
293 Kelvin Cross Sections

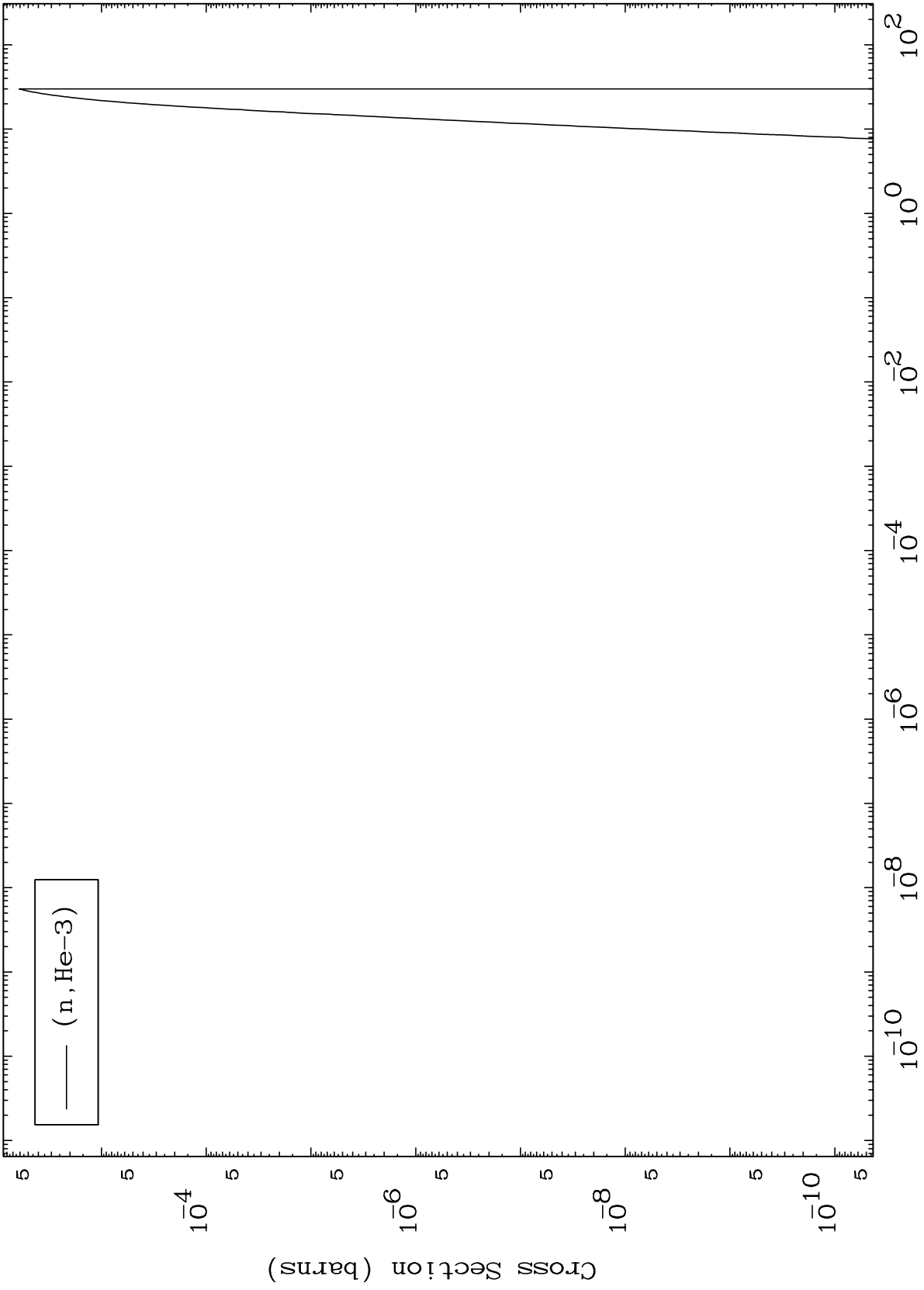
85-At-200



MAT 8516

(n,He3) Levels
293 Kelvin Cross Sections

85-At-200



12

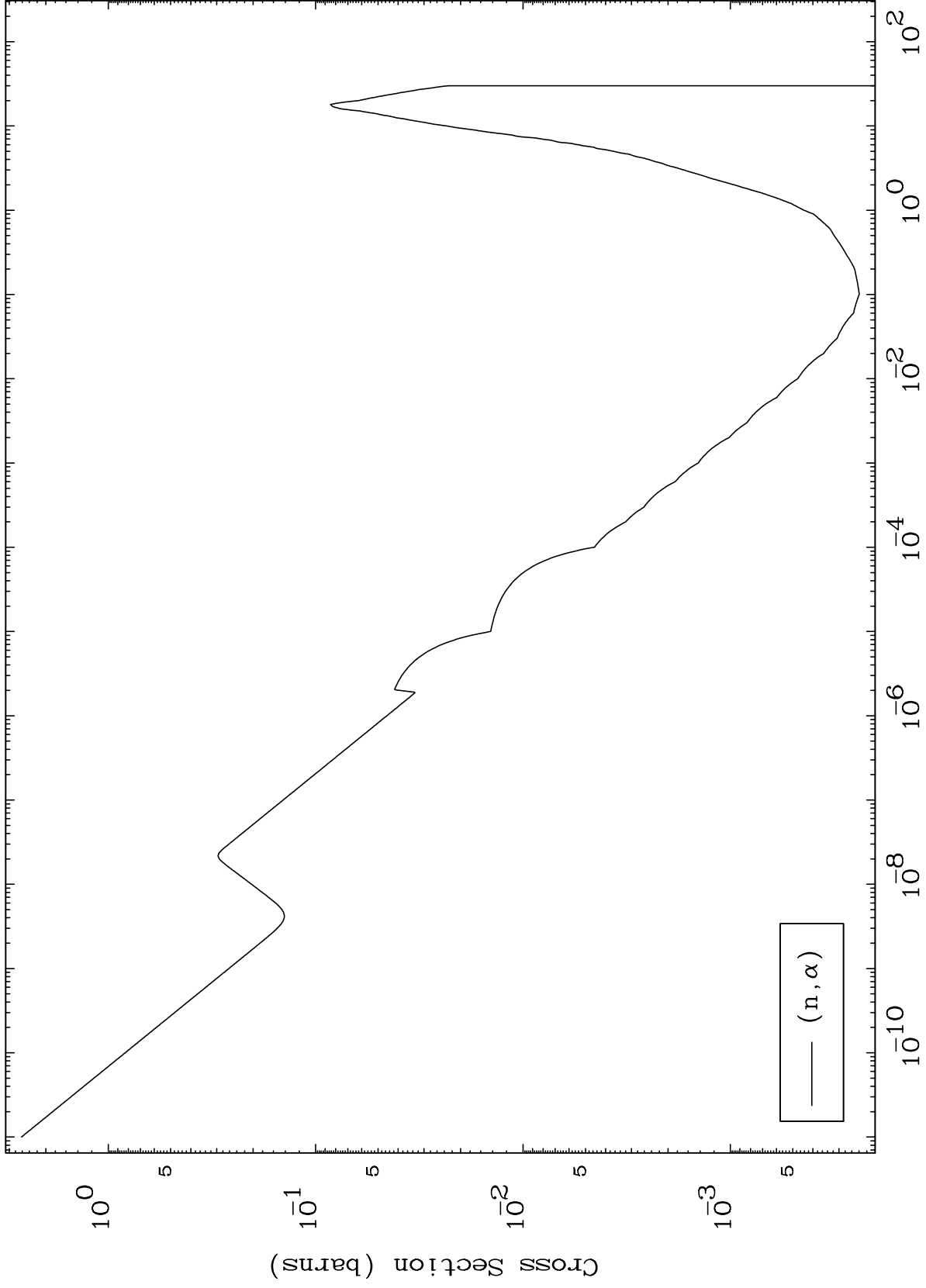
Incident Energy (MeV)

85-At-200

MAT 8516

(n,α) Levels
293 Kelvin Cross Sections

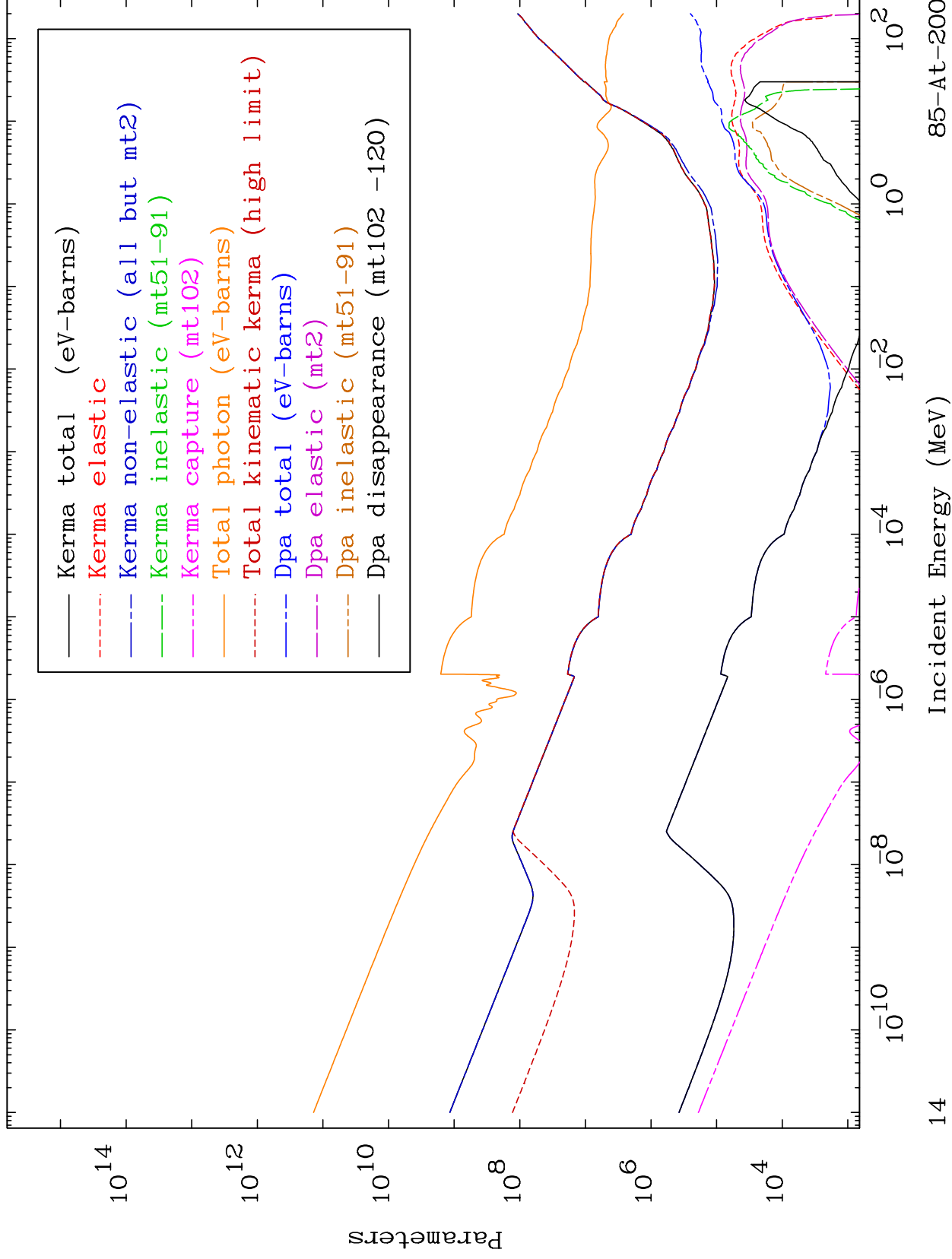
85-At-200

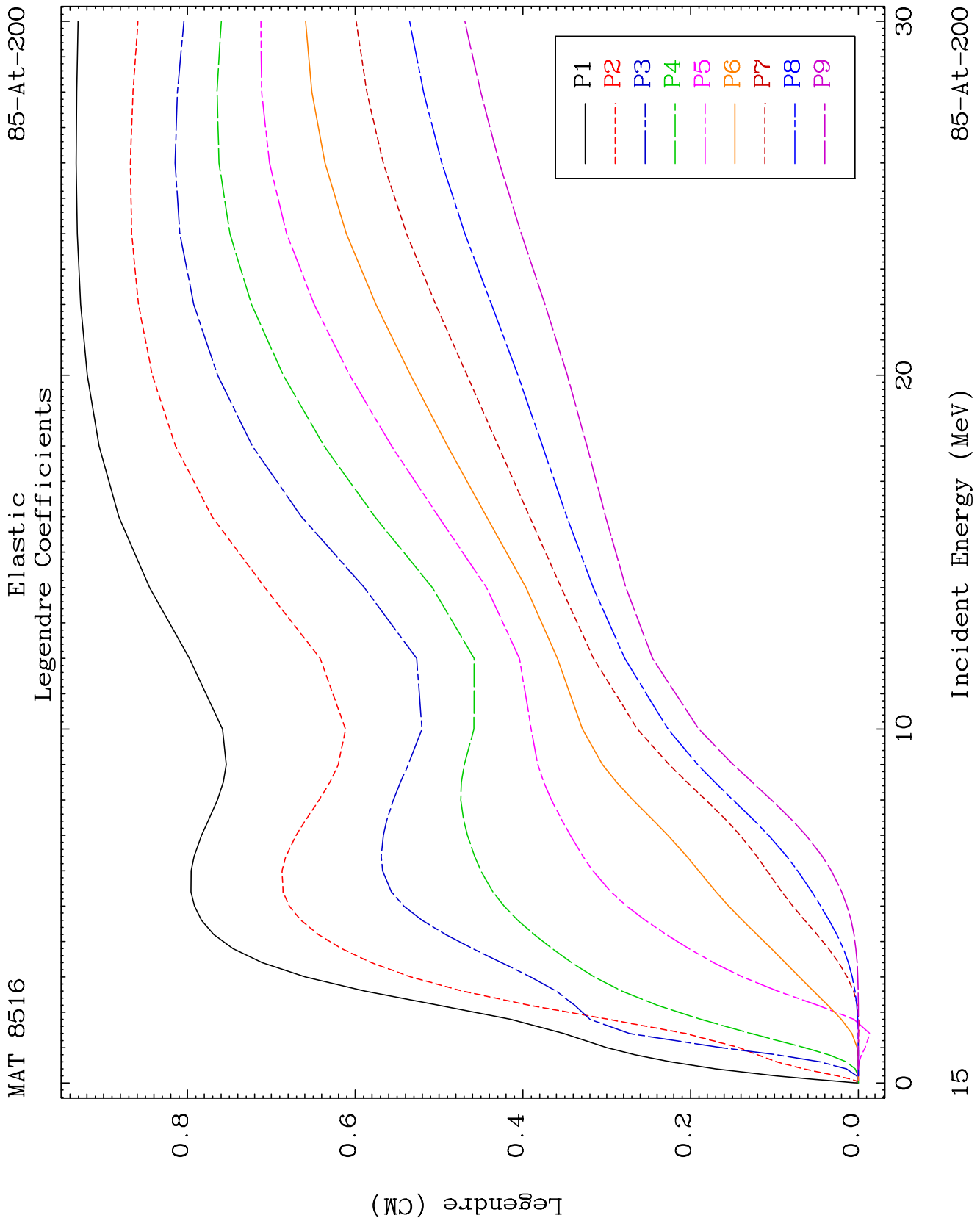


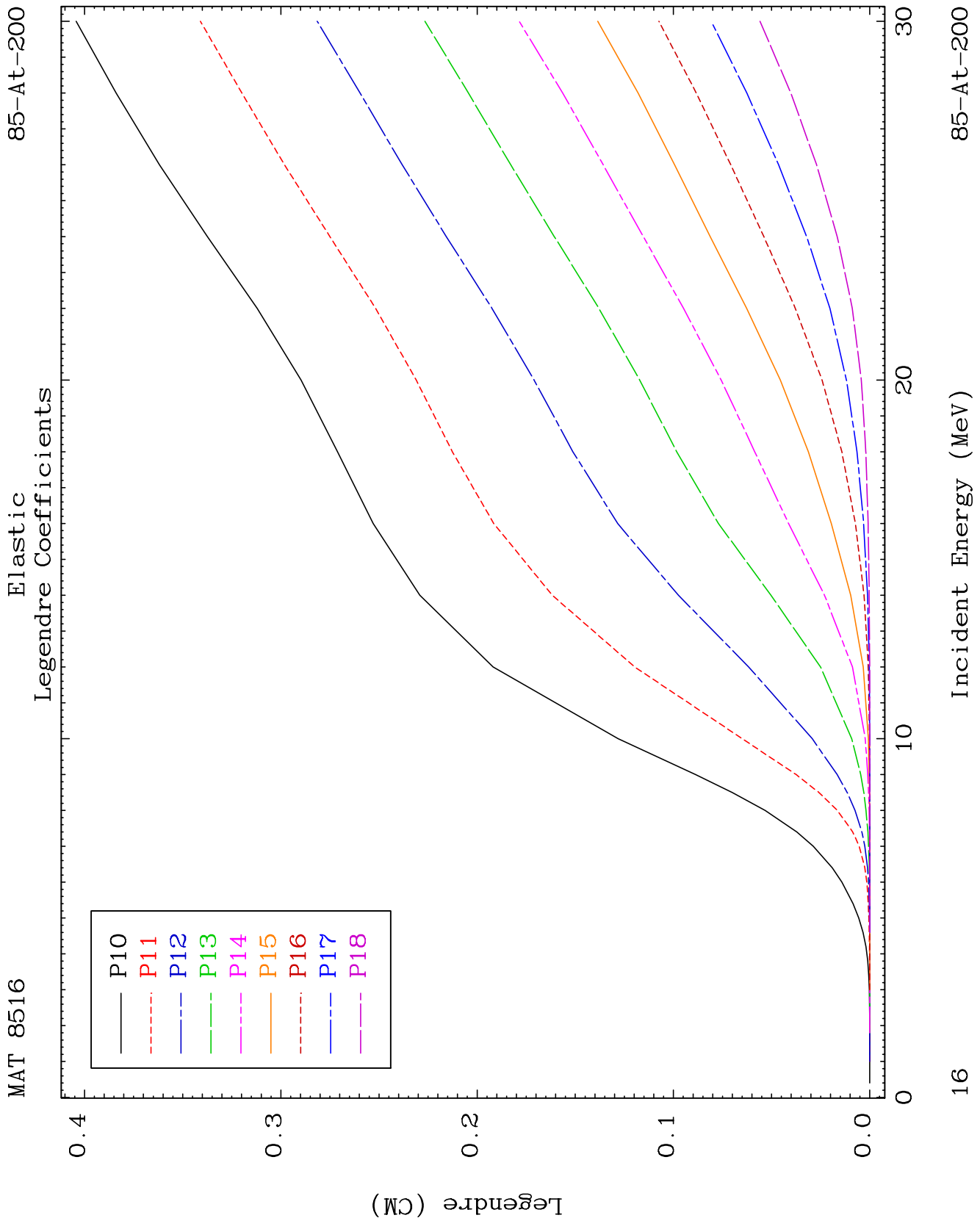
13

Incident Energy (MeV)

85-At-200



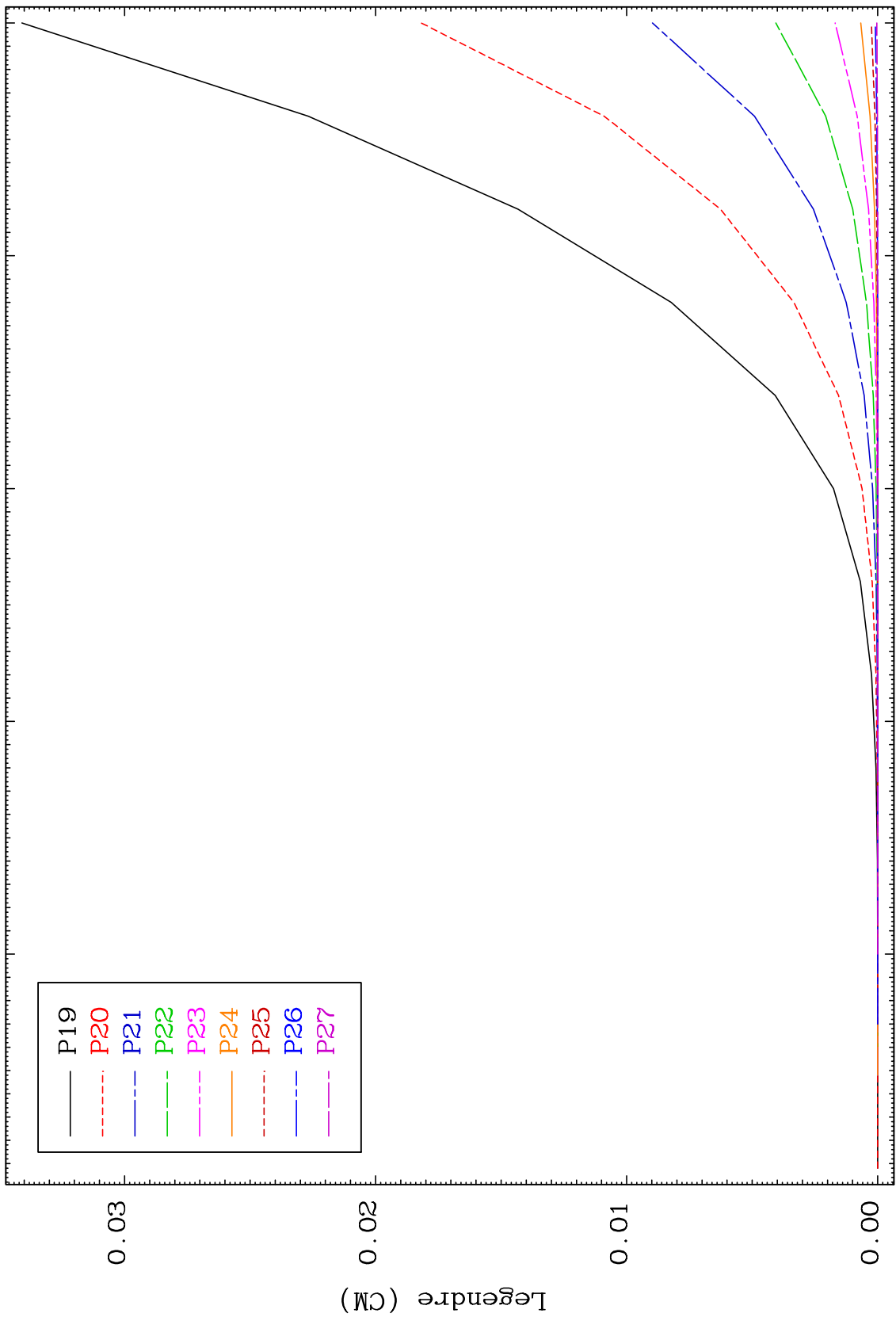




MAT 8516

Elastic
Legendre Coefficients

85-At-200



17

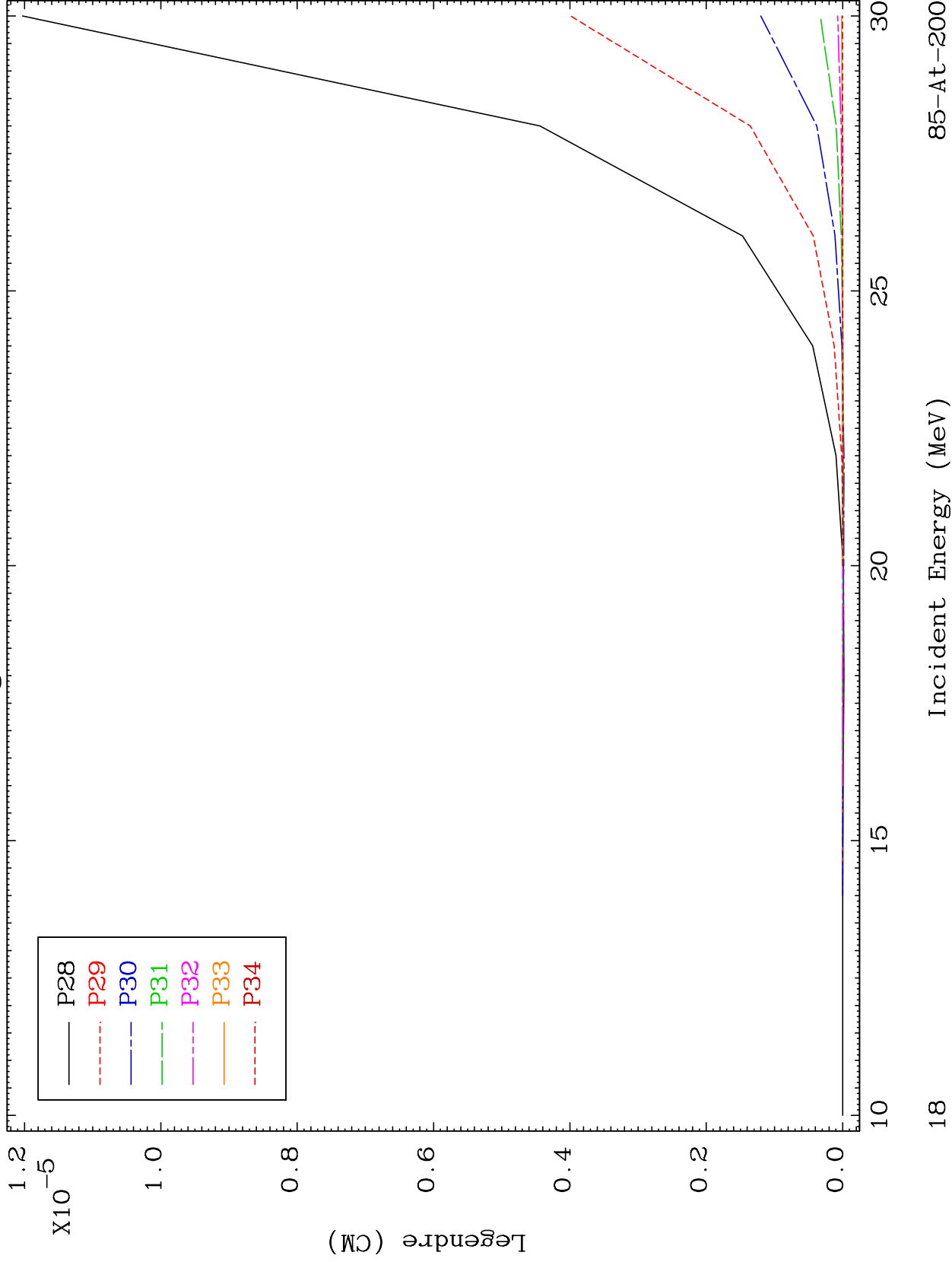
Incident Energy (MeV)

85-At-200

MAT 8516

Elastic
Legendre Coefficients

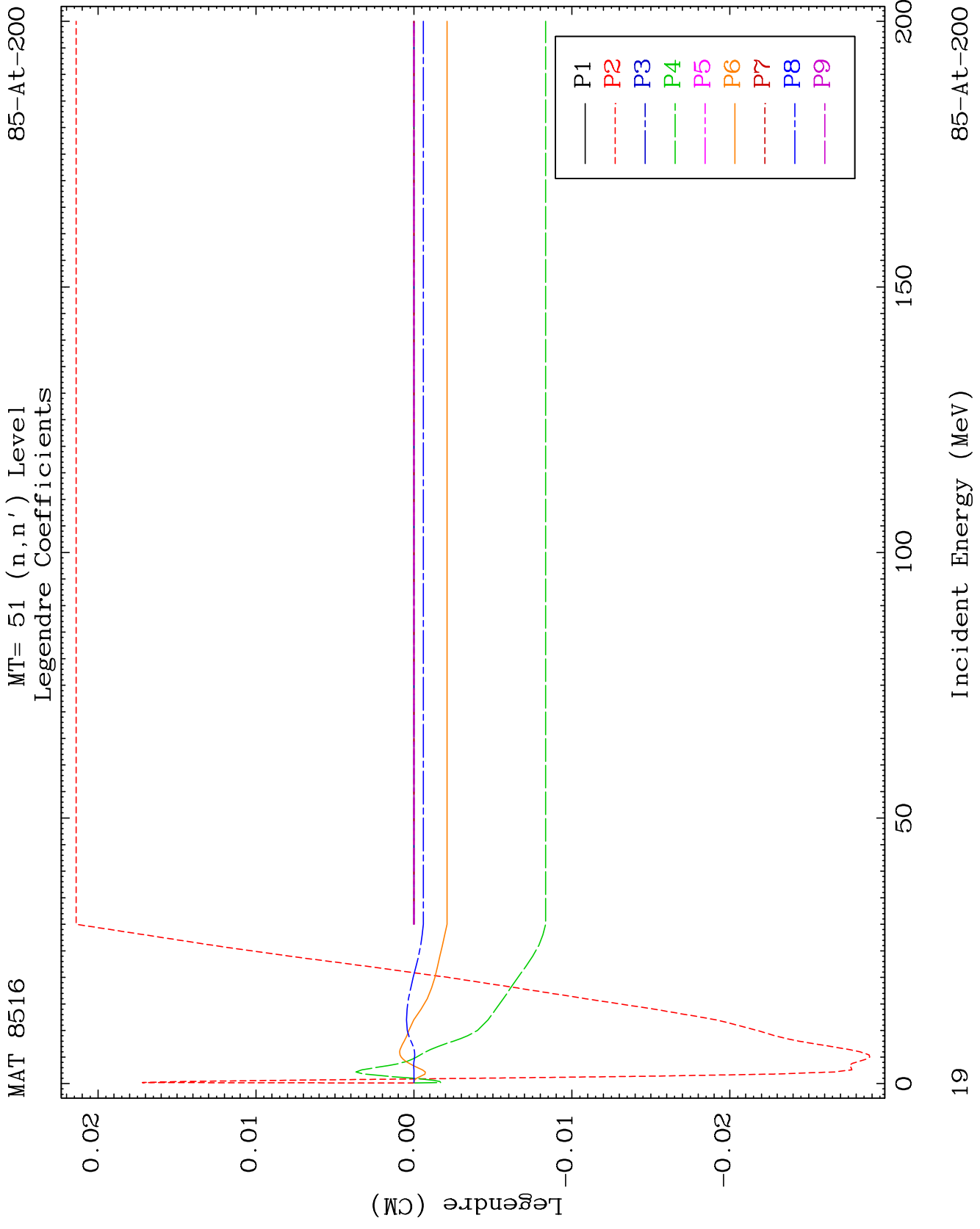
85-At-200

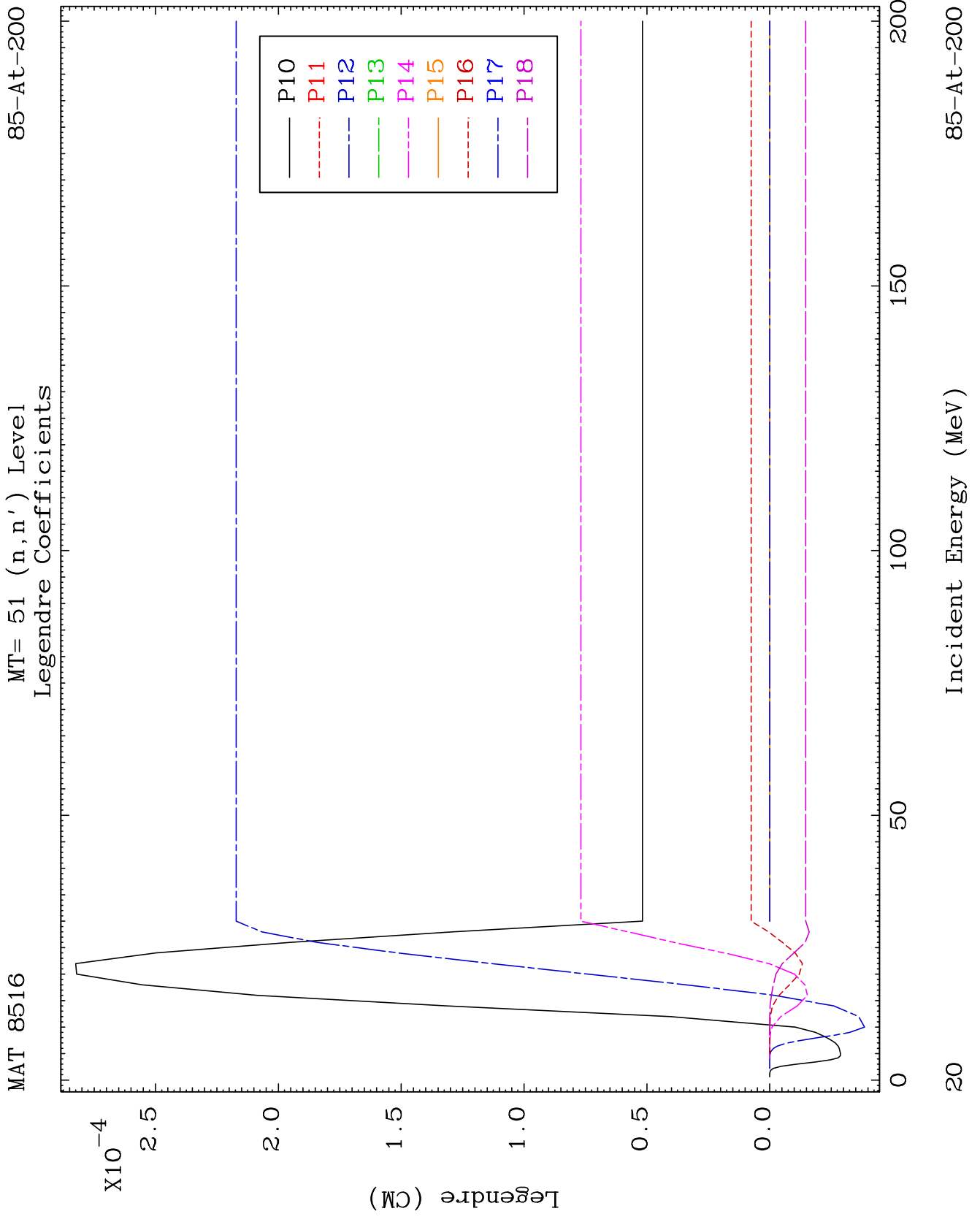


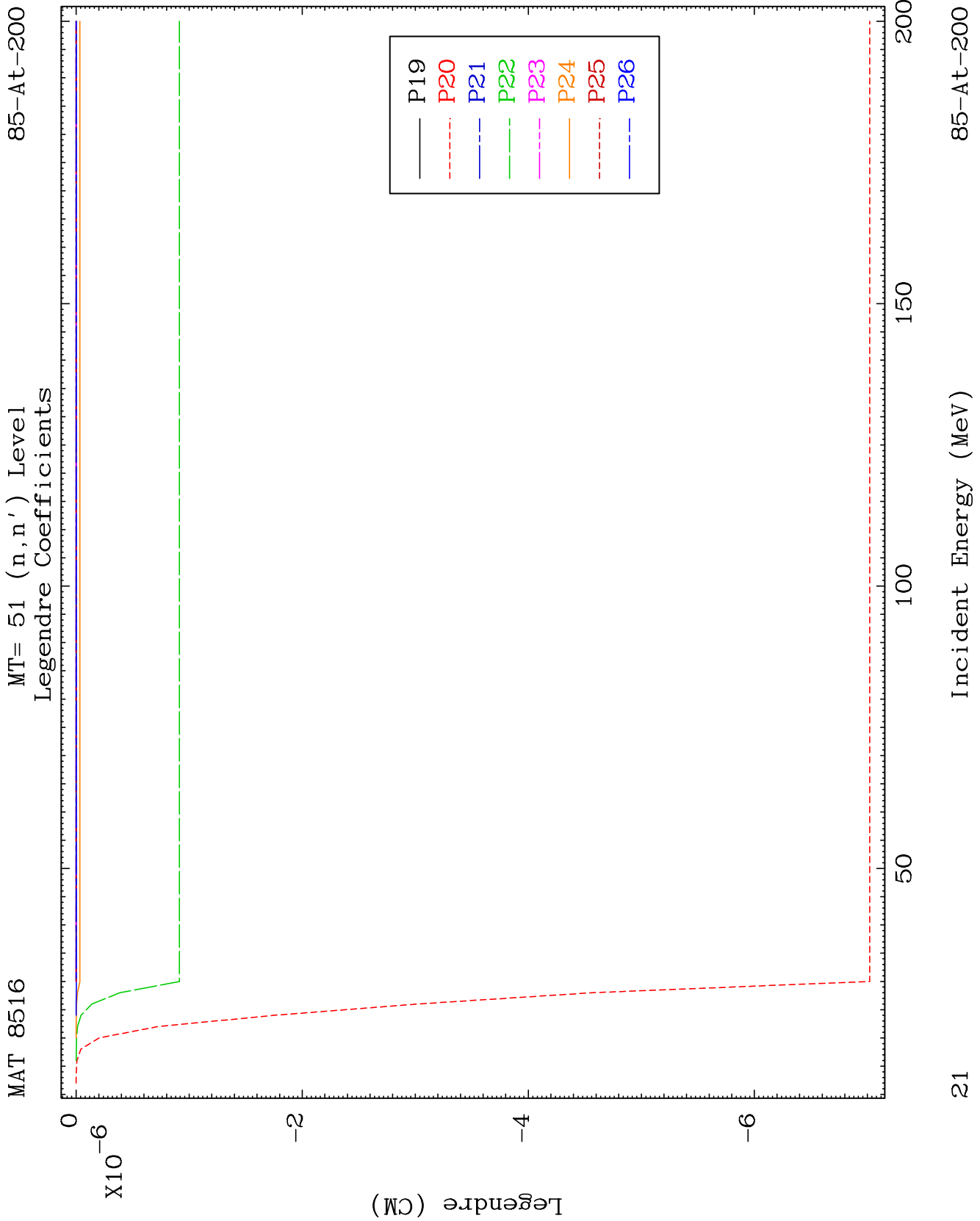
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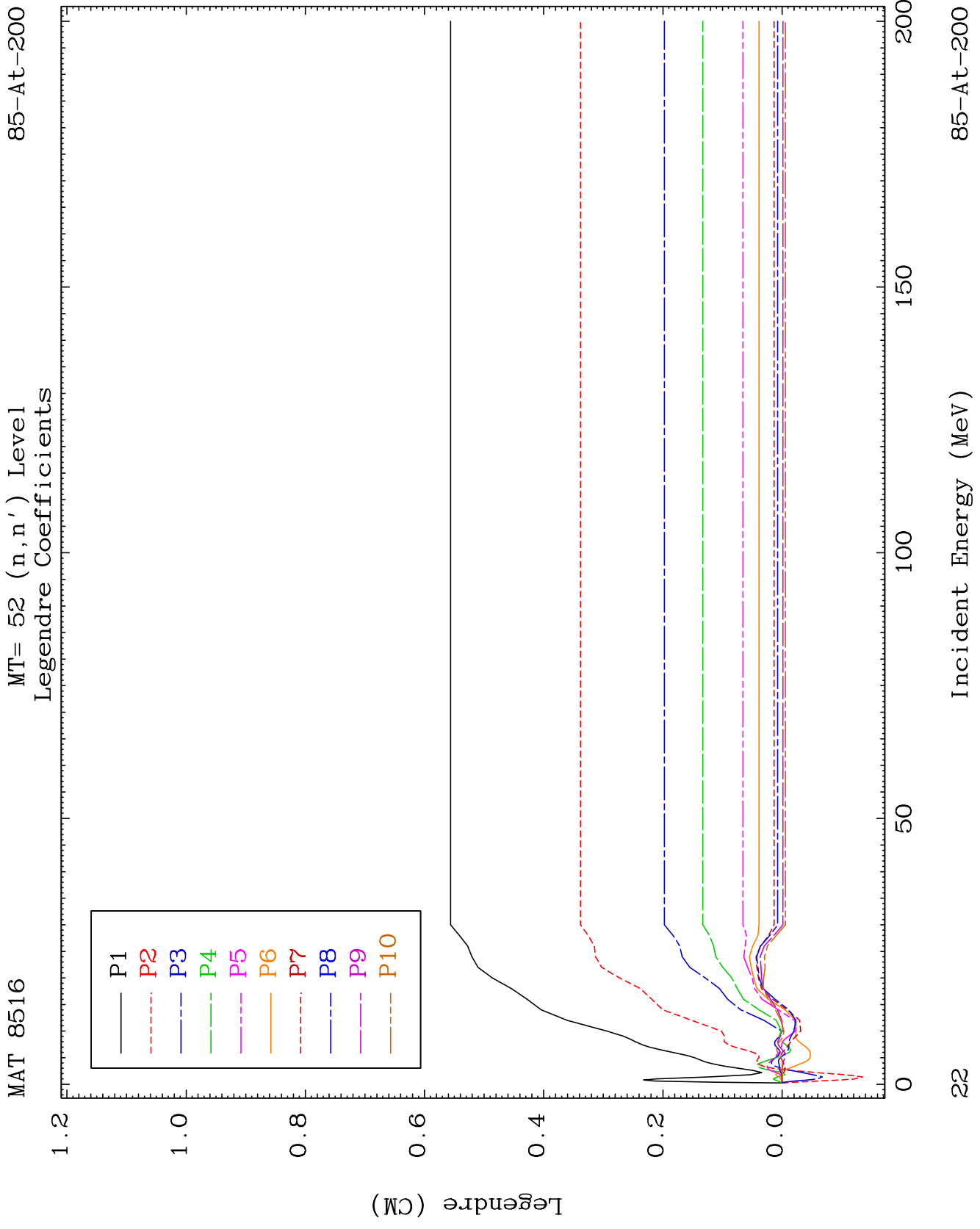
Incident Energy (MeV)

85-At-200





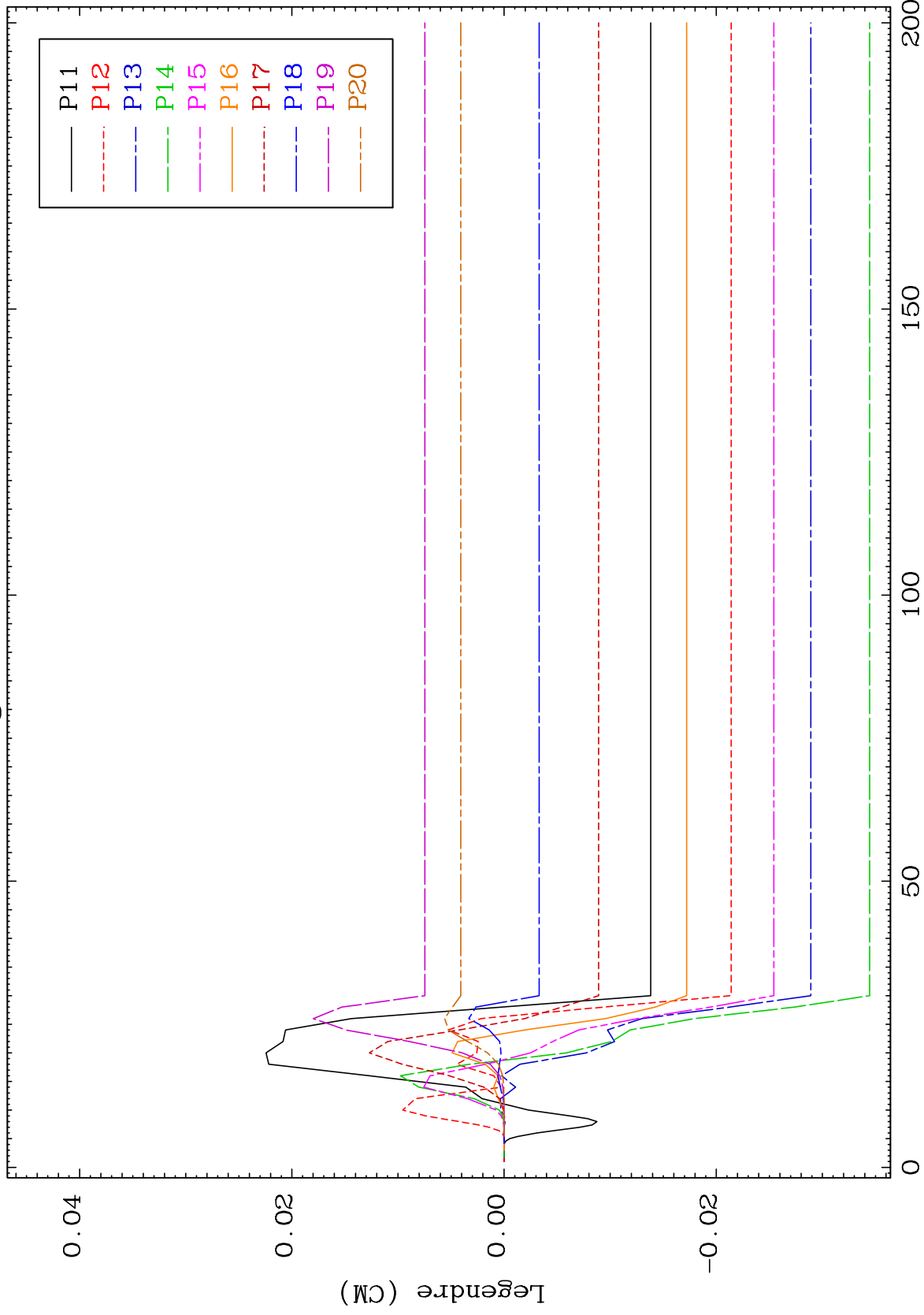




MAT 8516

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

85-At-200



23

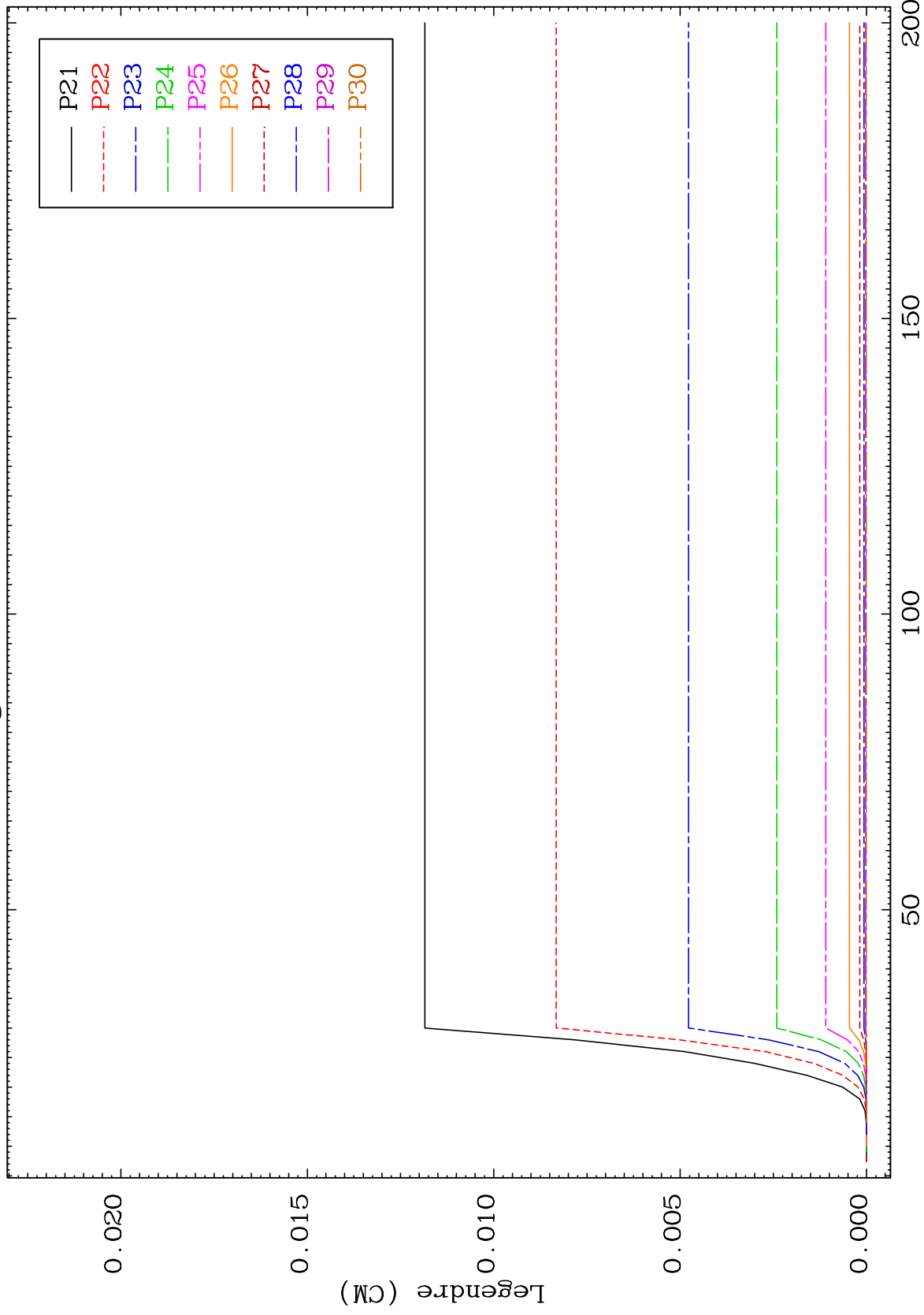
Incident Energy (MeV)

85-At-200

MAT 8516

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

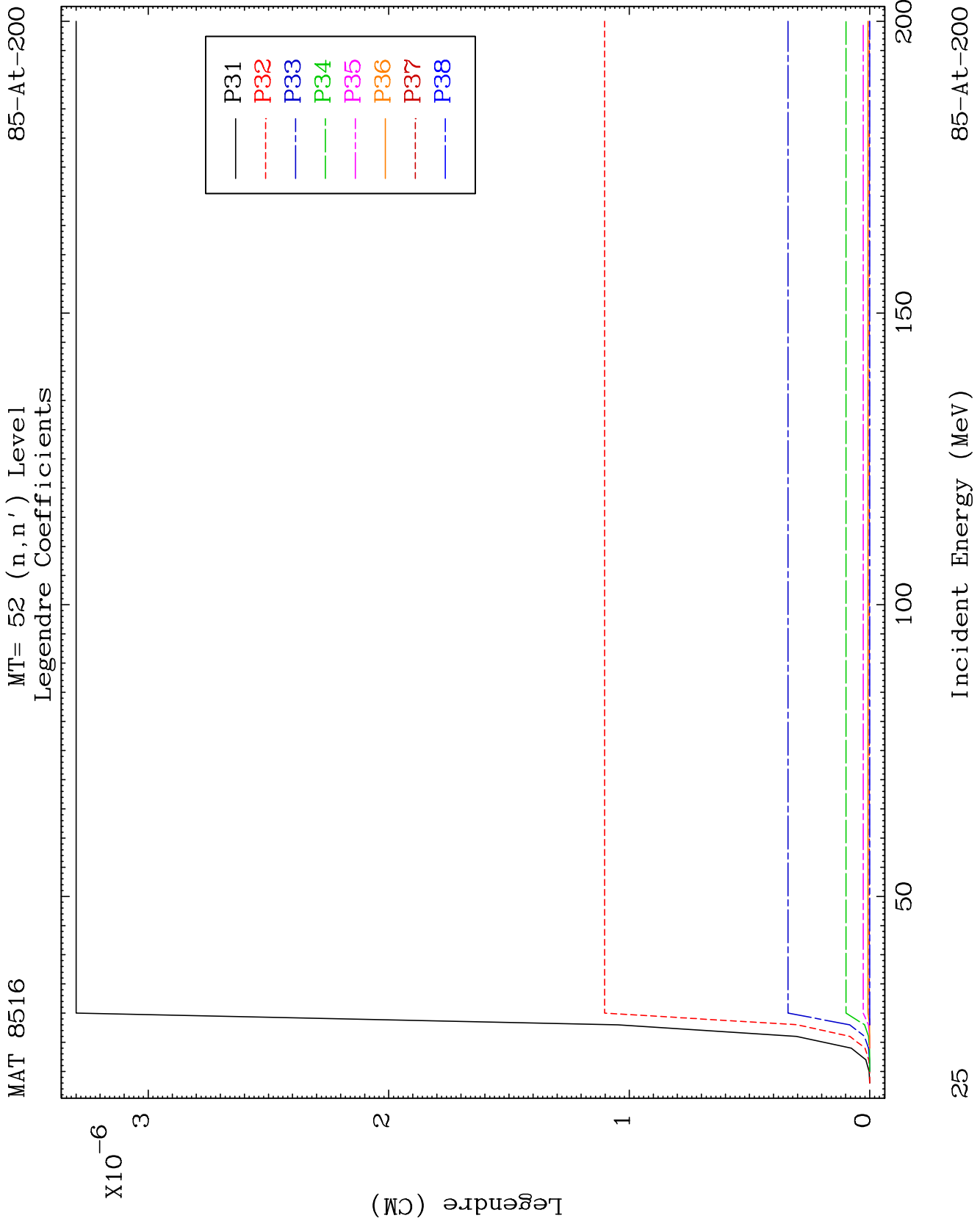
85-At-200

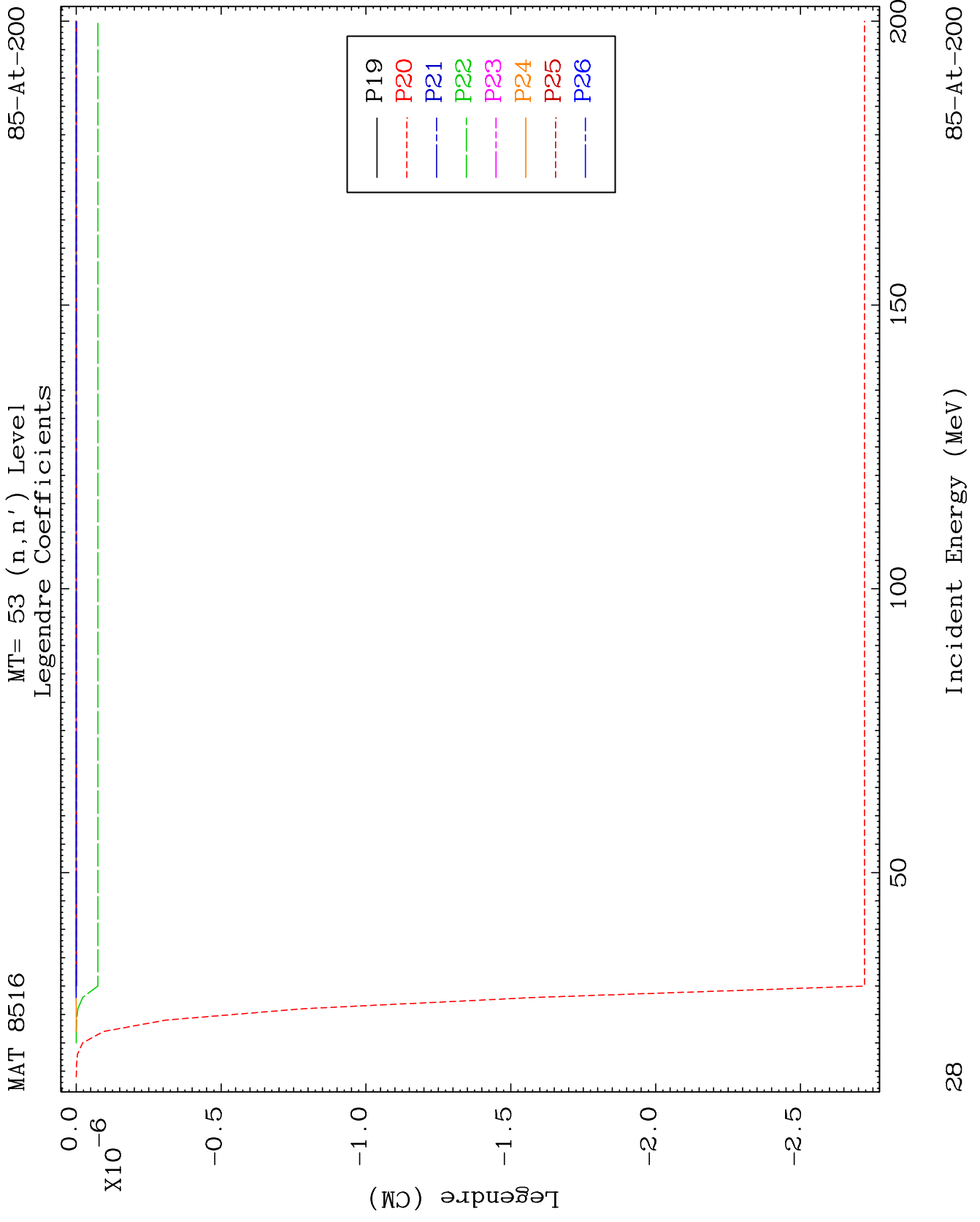


24

Incident Energy (MeV)

85-At-200

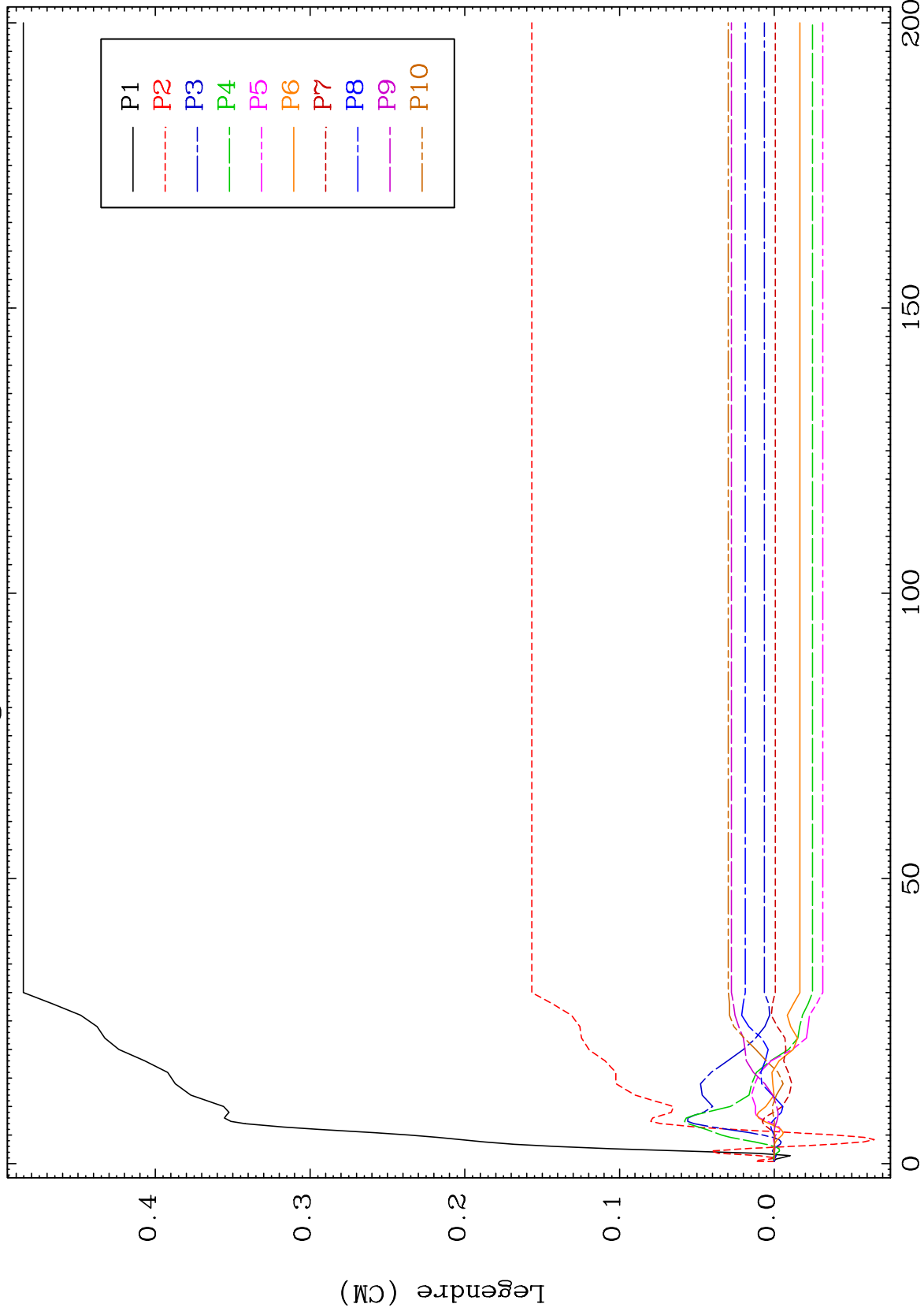




MAT 8516

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

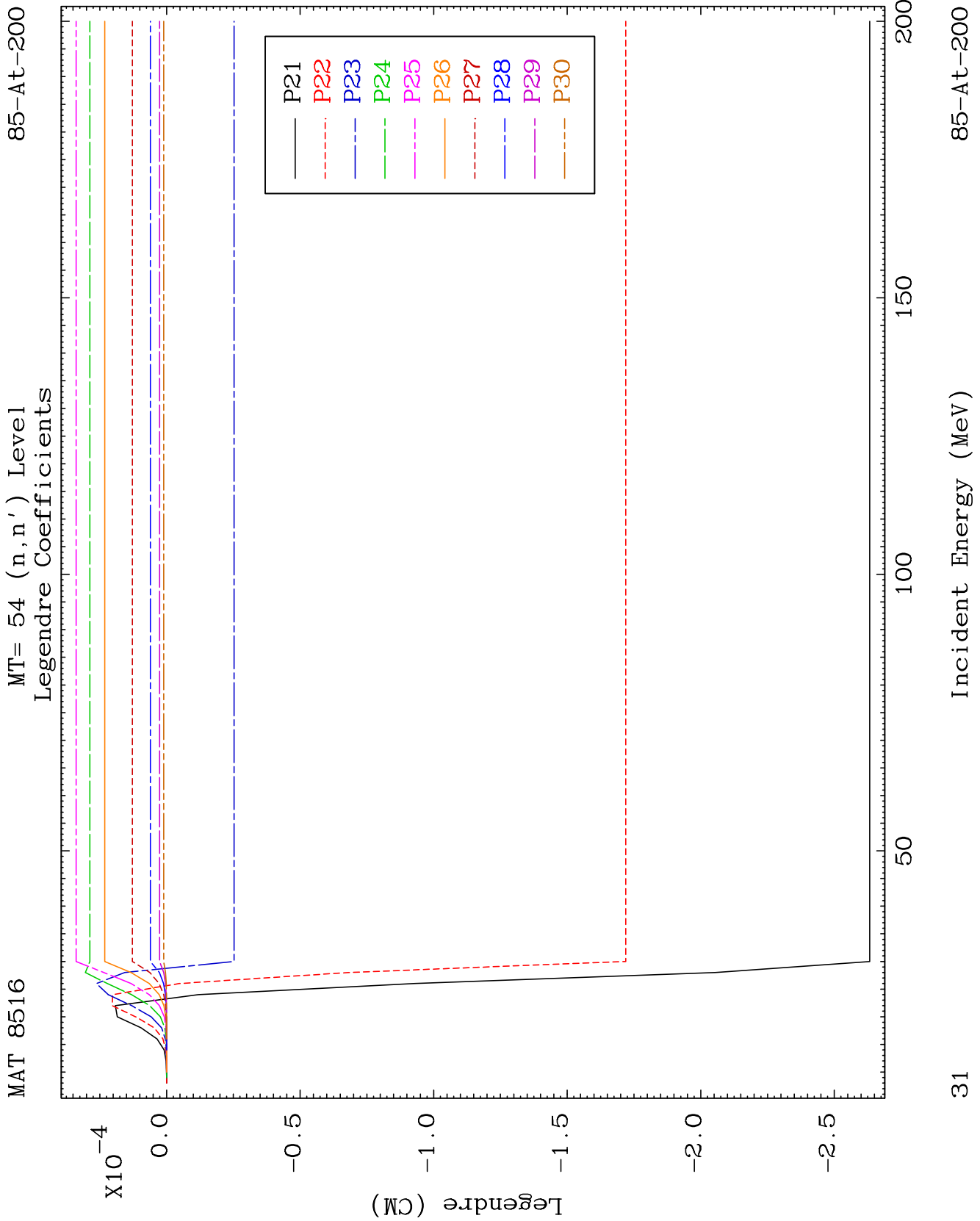
85-At-200



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Incident Energy (MeV)

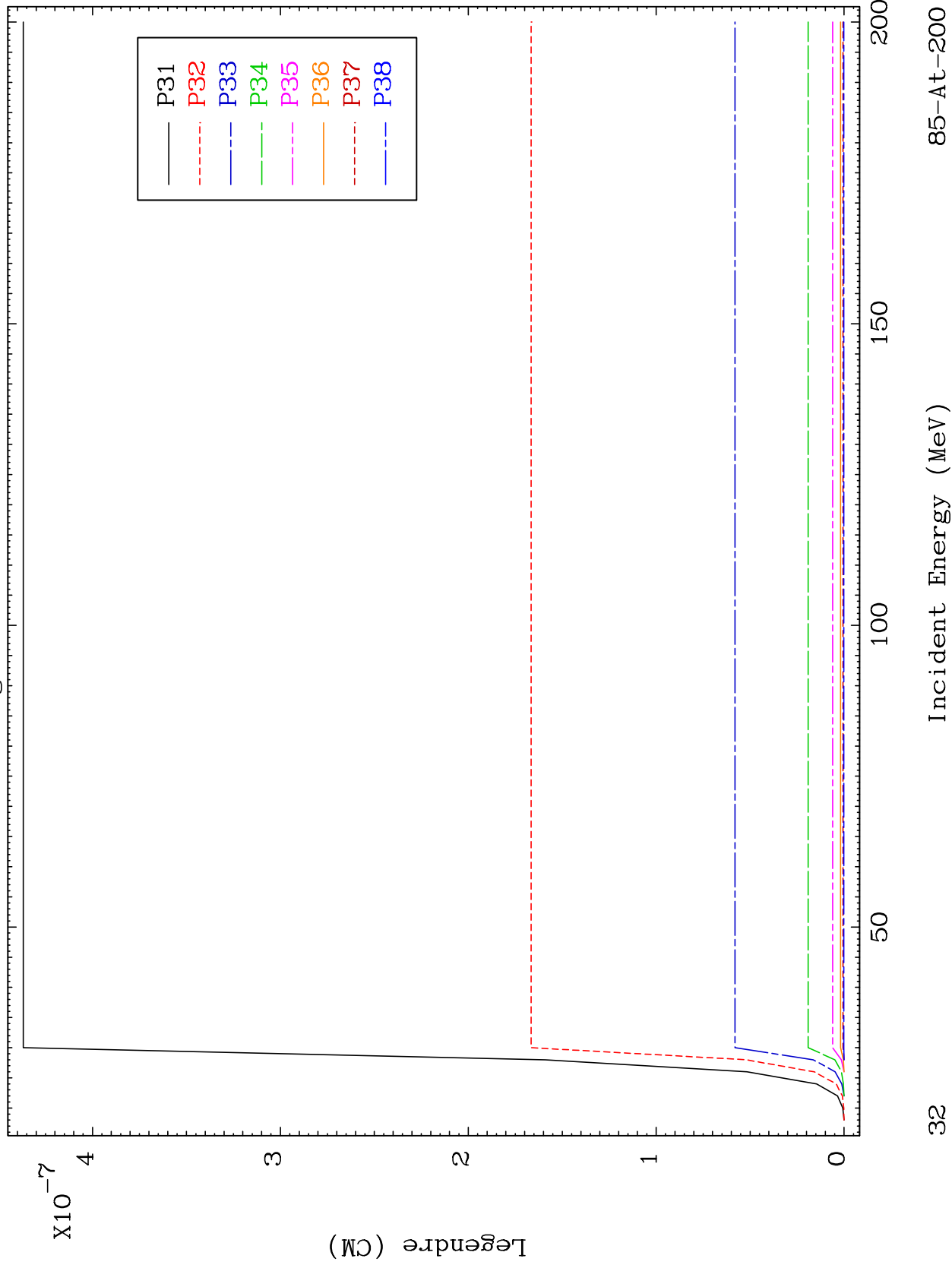
85-At-200



MAT 8516

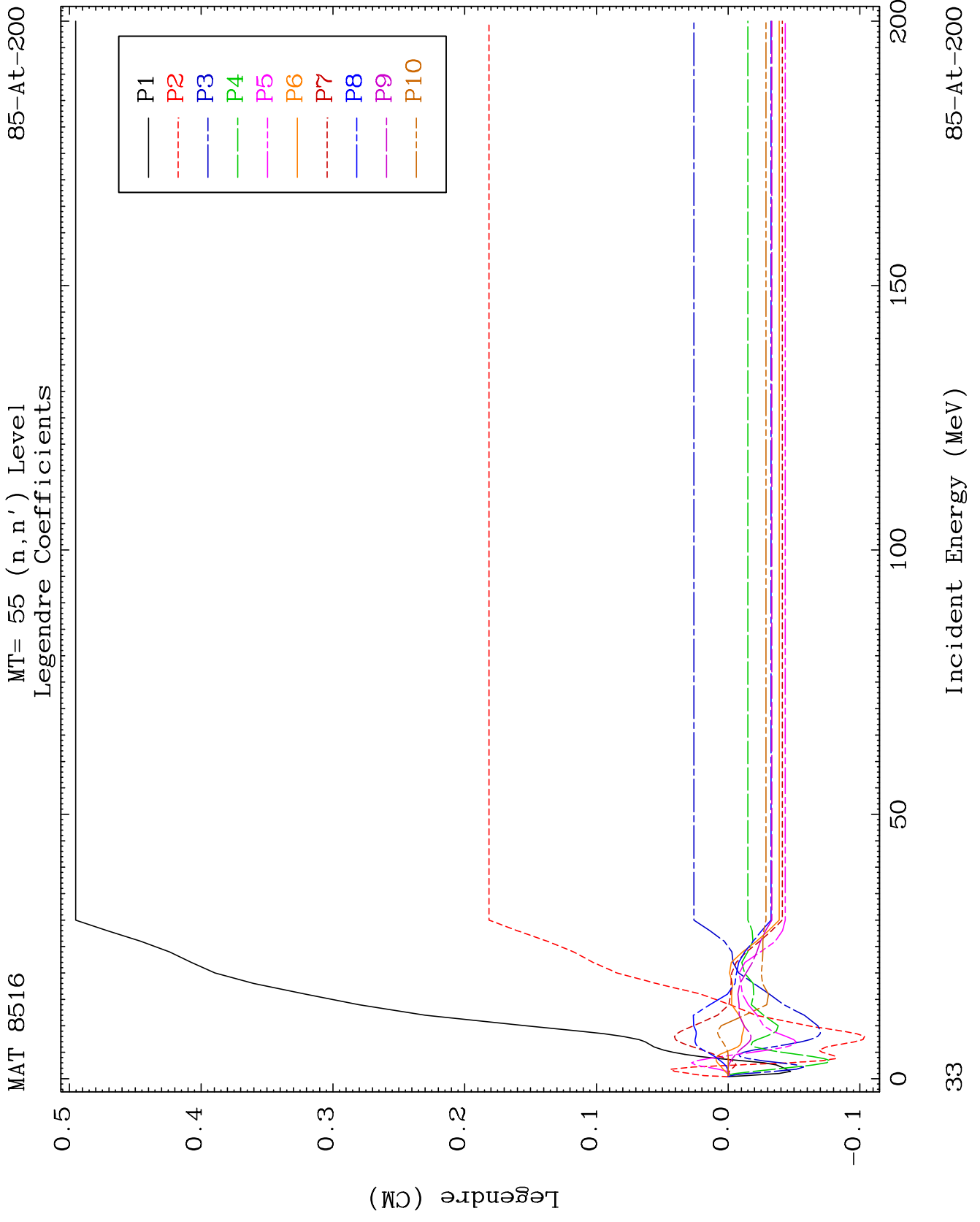
MT= 54 (n,n') Level
Legendre Coefficients

85-At-200



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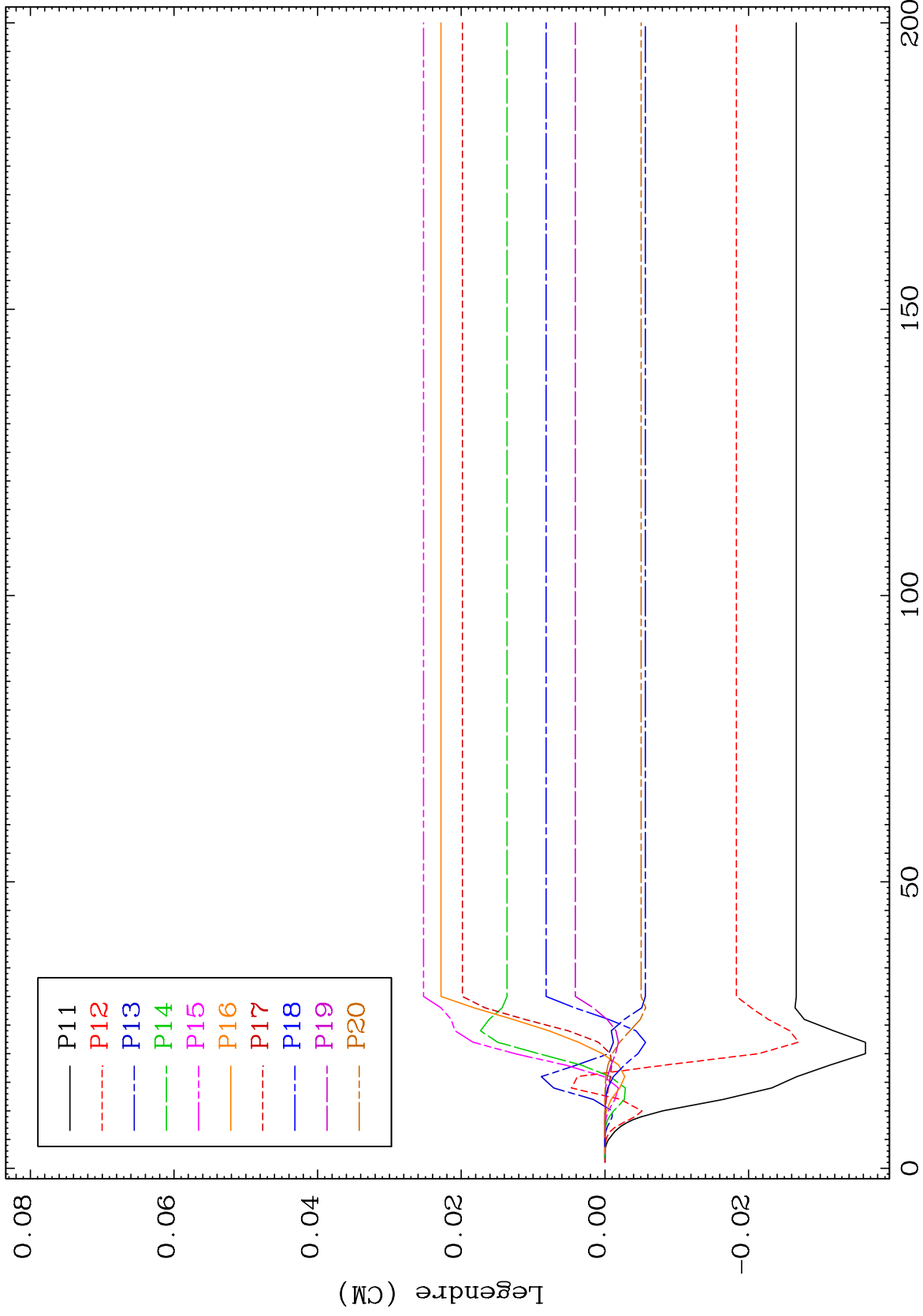
85-At-200



MAT 8516

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

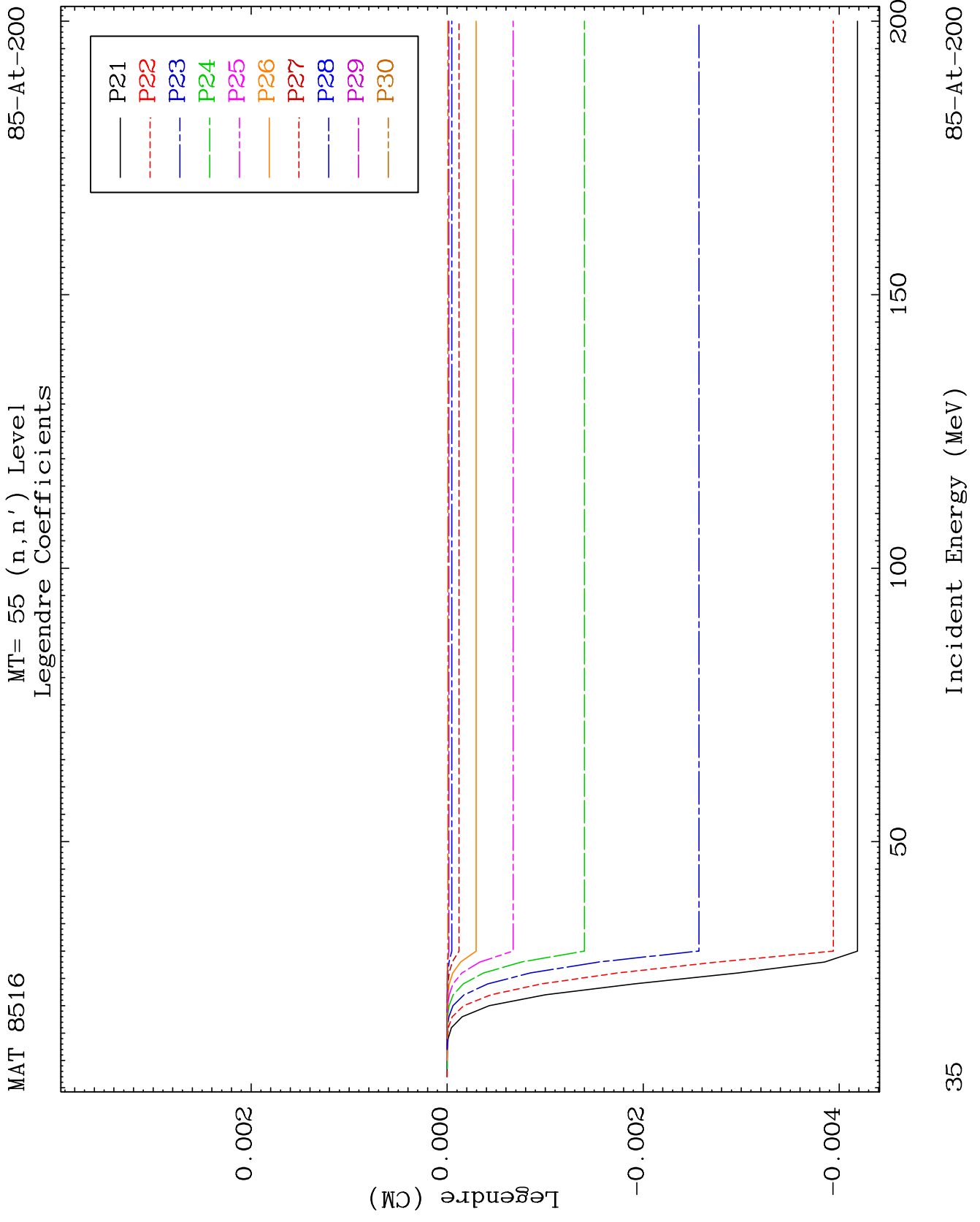
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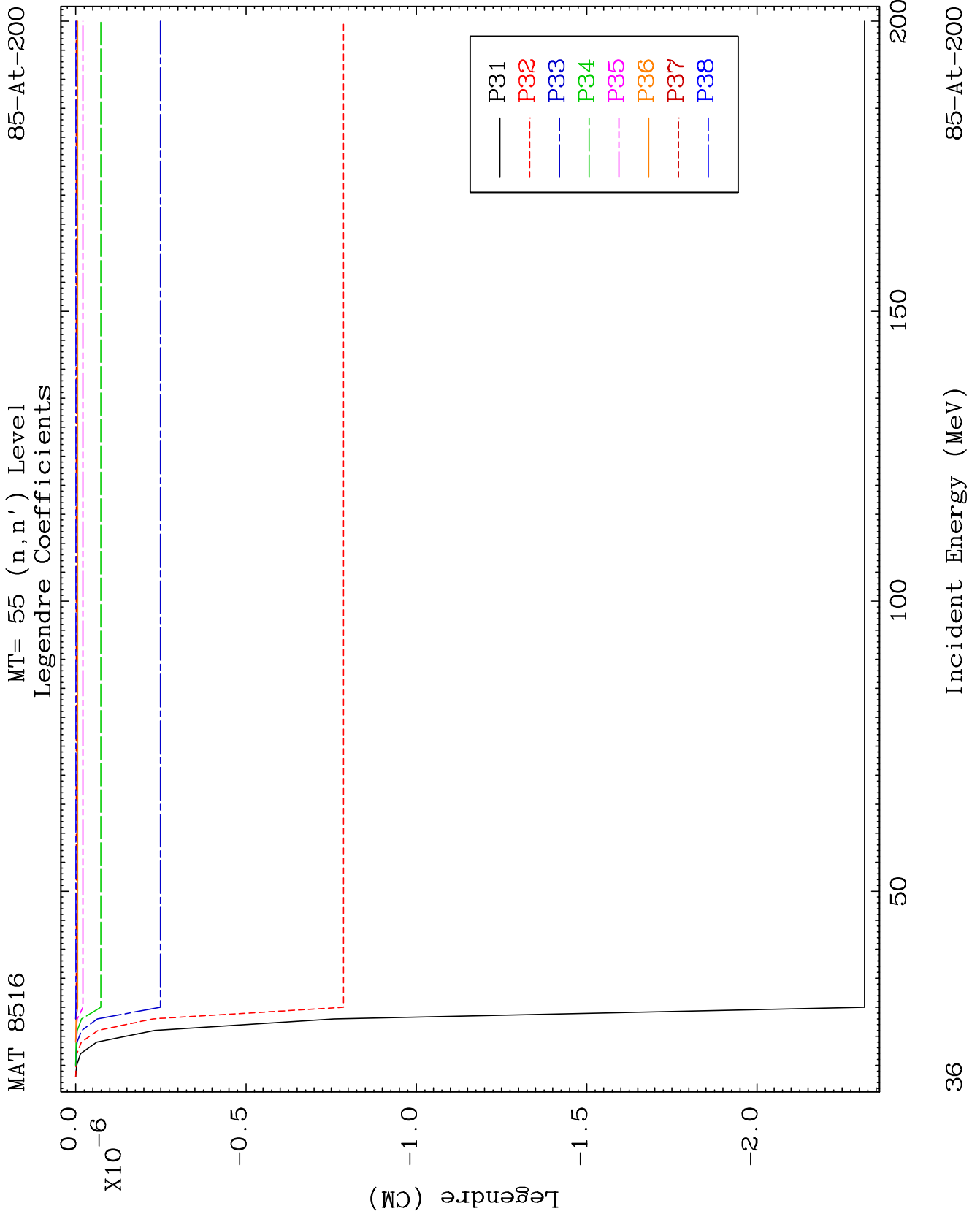


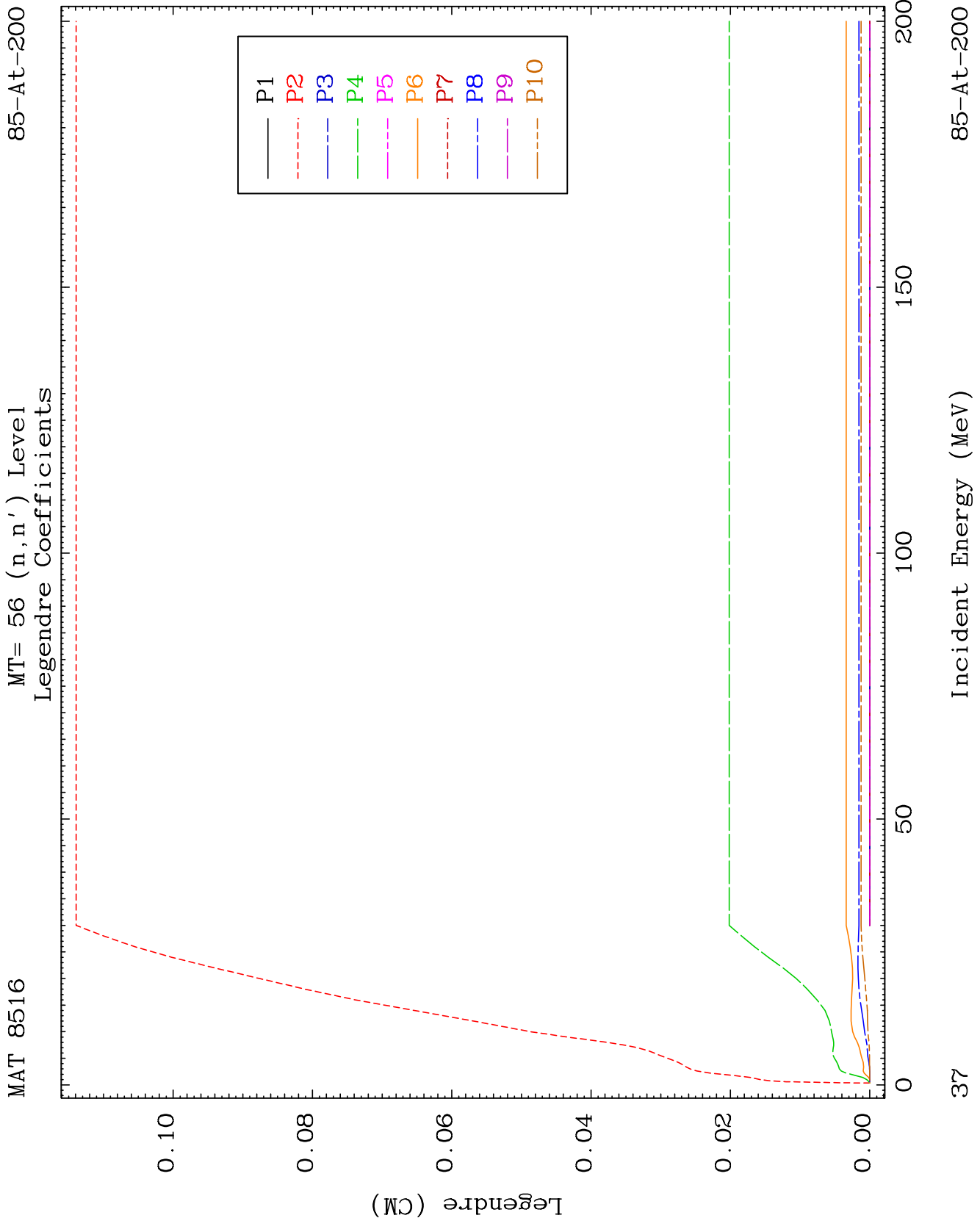
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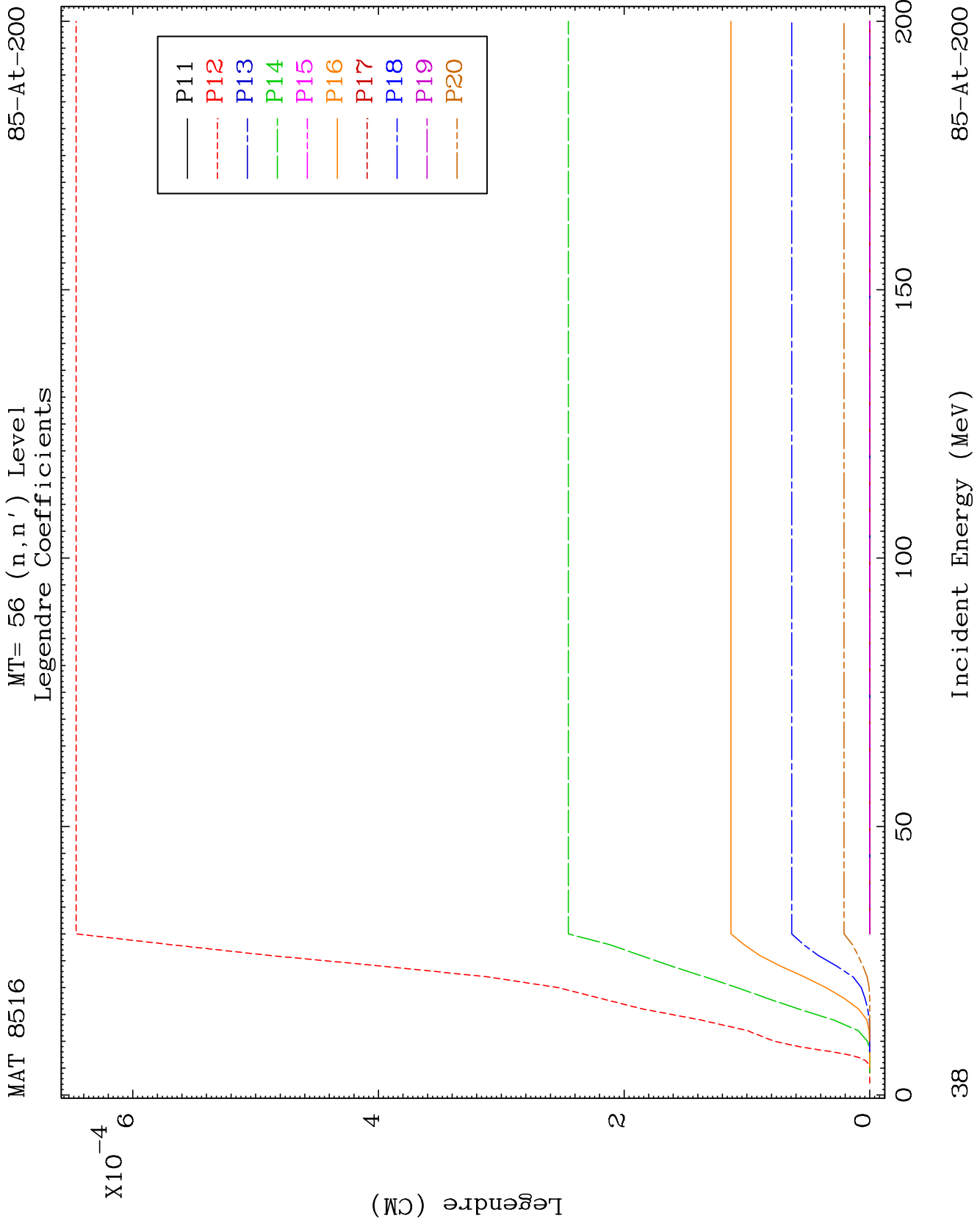
Incident Energy (MeV)

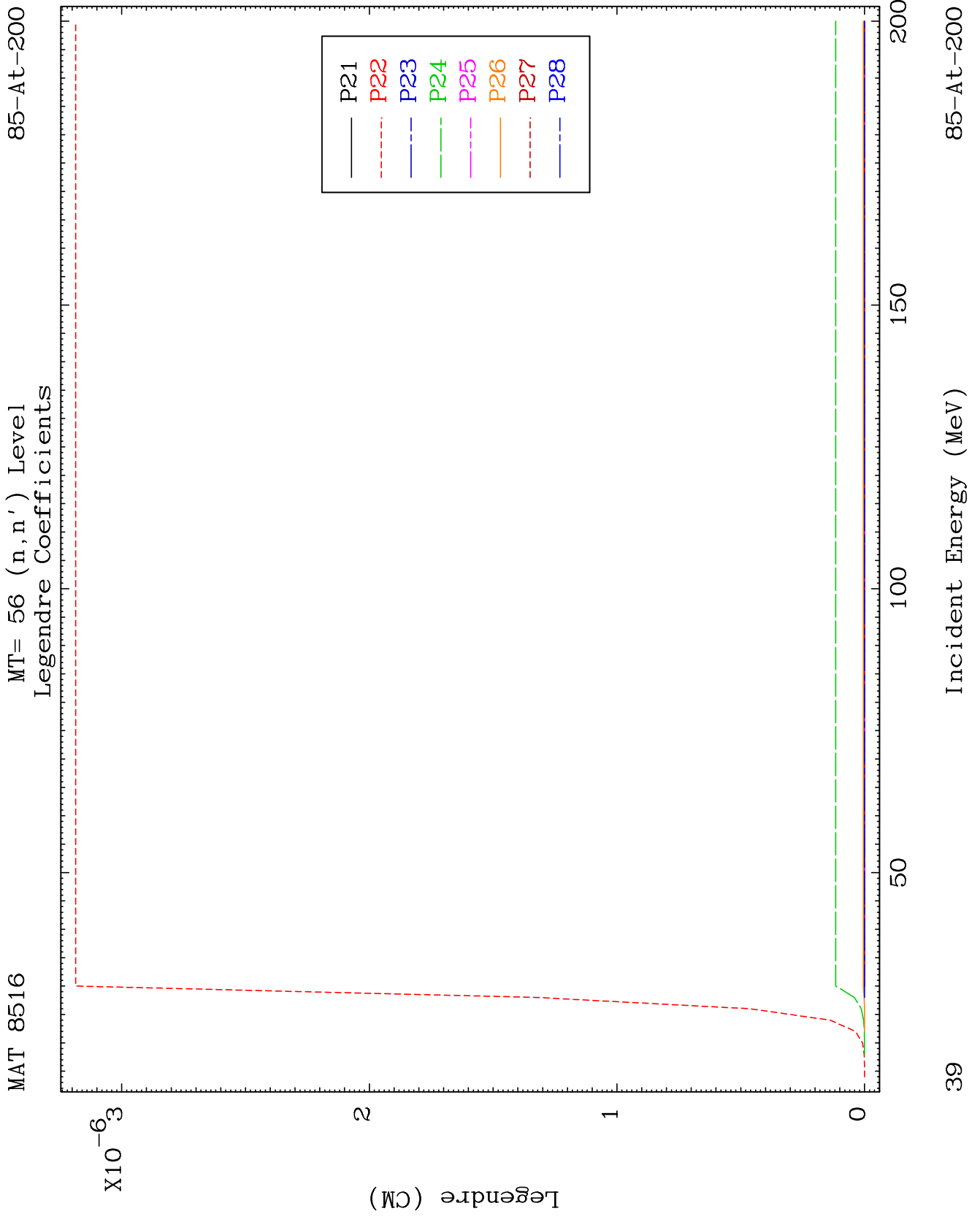
85-At-200







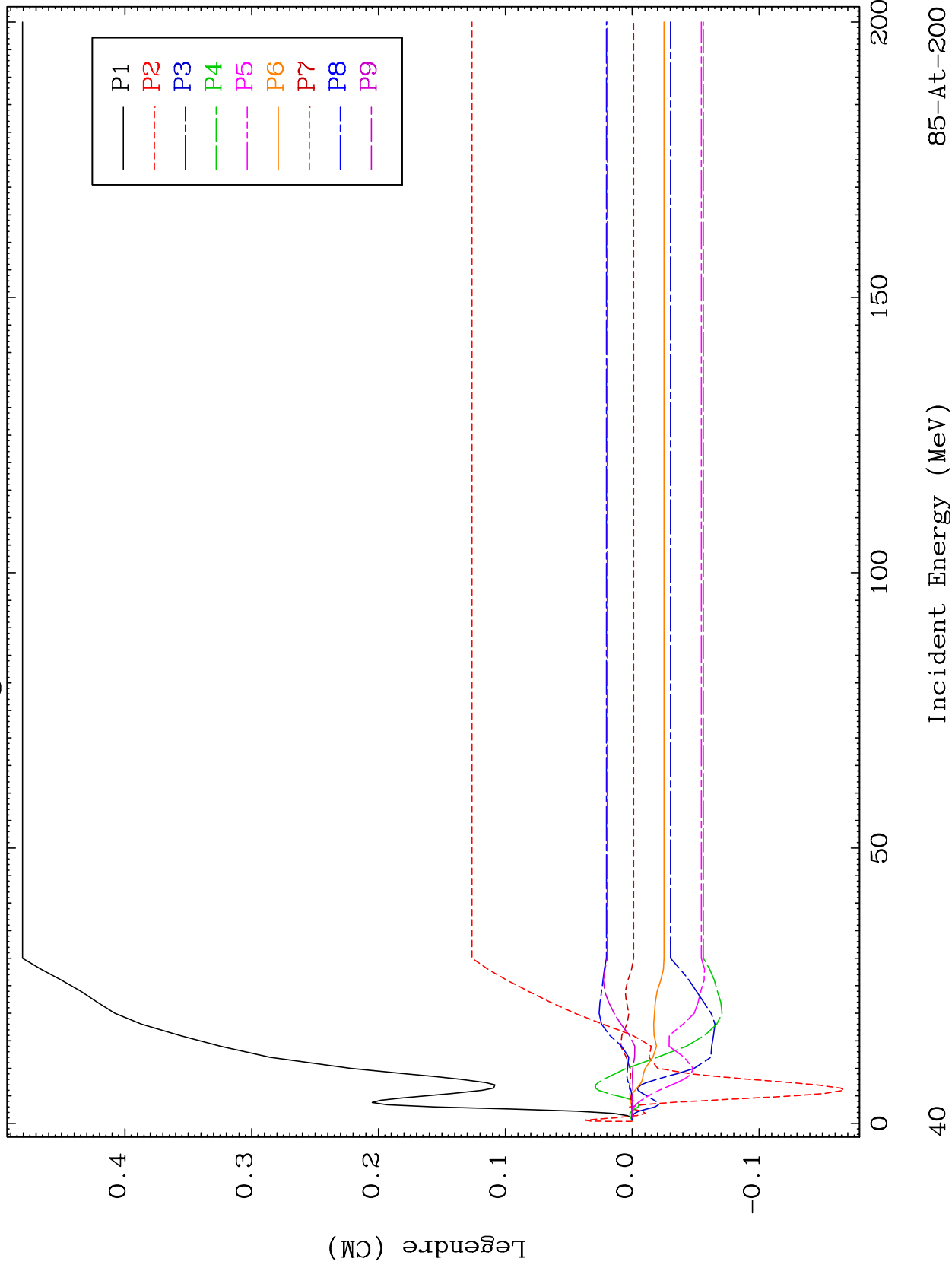


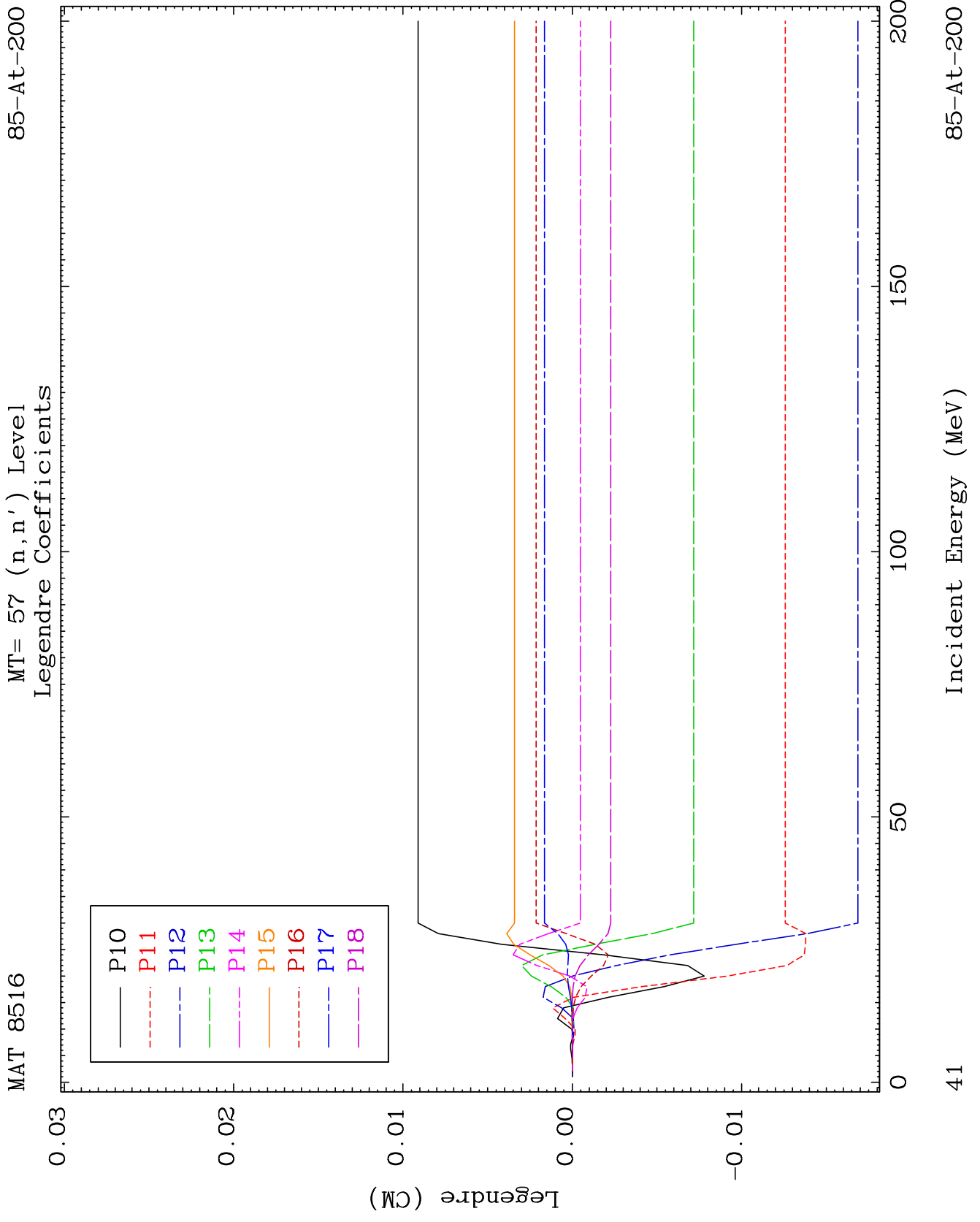


MAT 8516

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

85-At-200

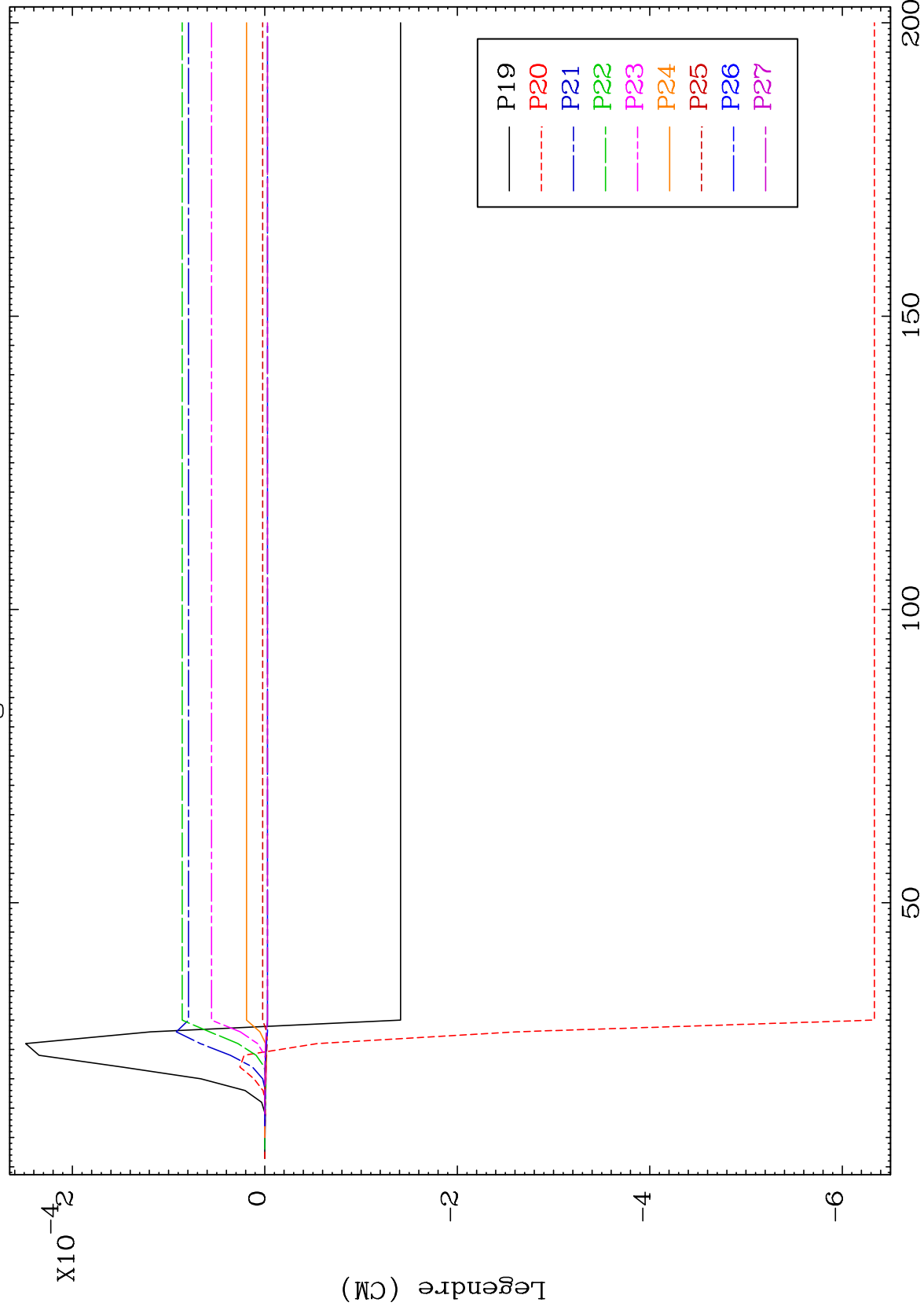




MAT 8516

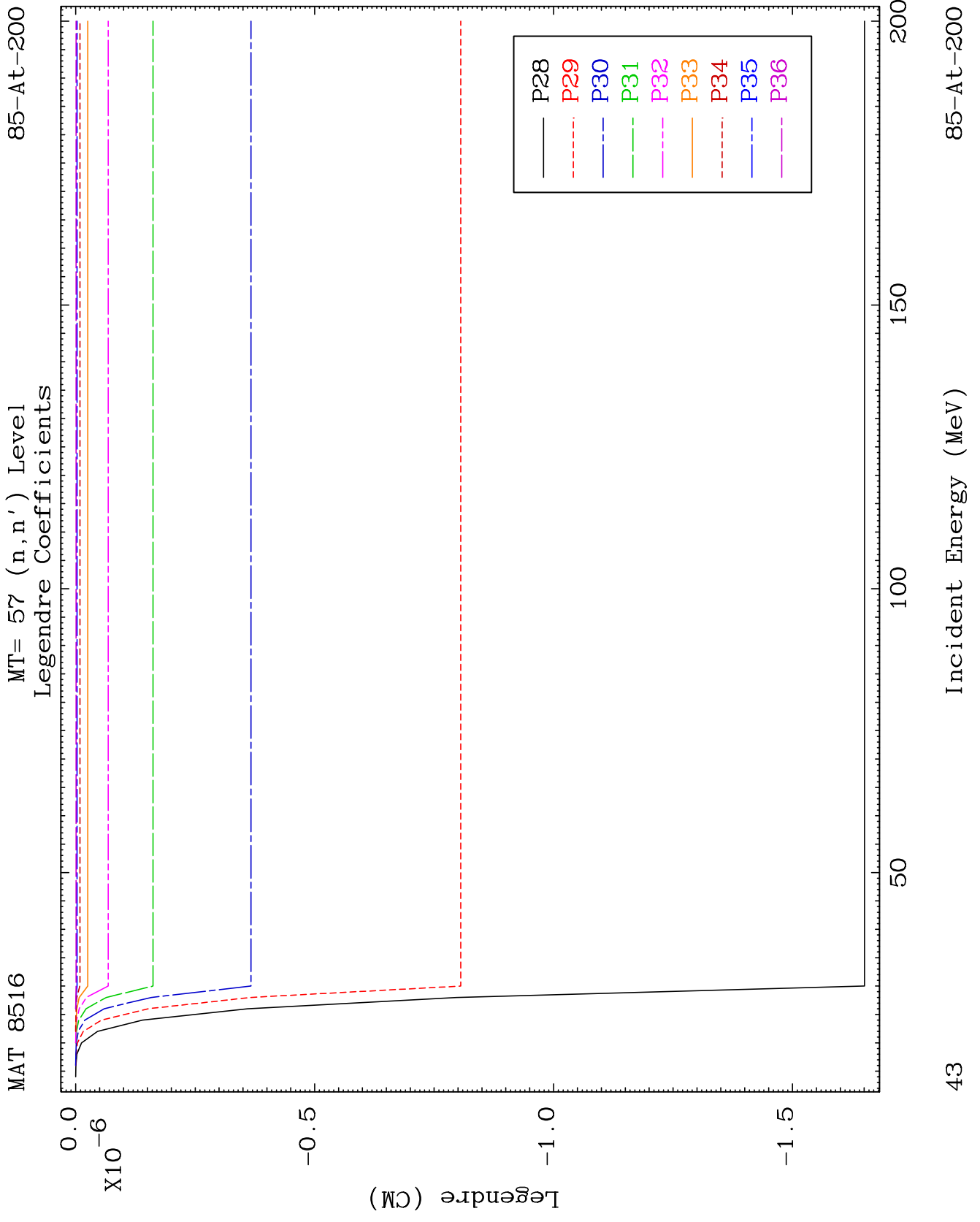
MT= 57 (n,n') Level
Legendre Coefficients

85-At-200



42

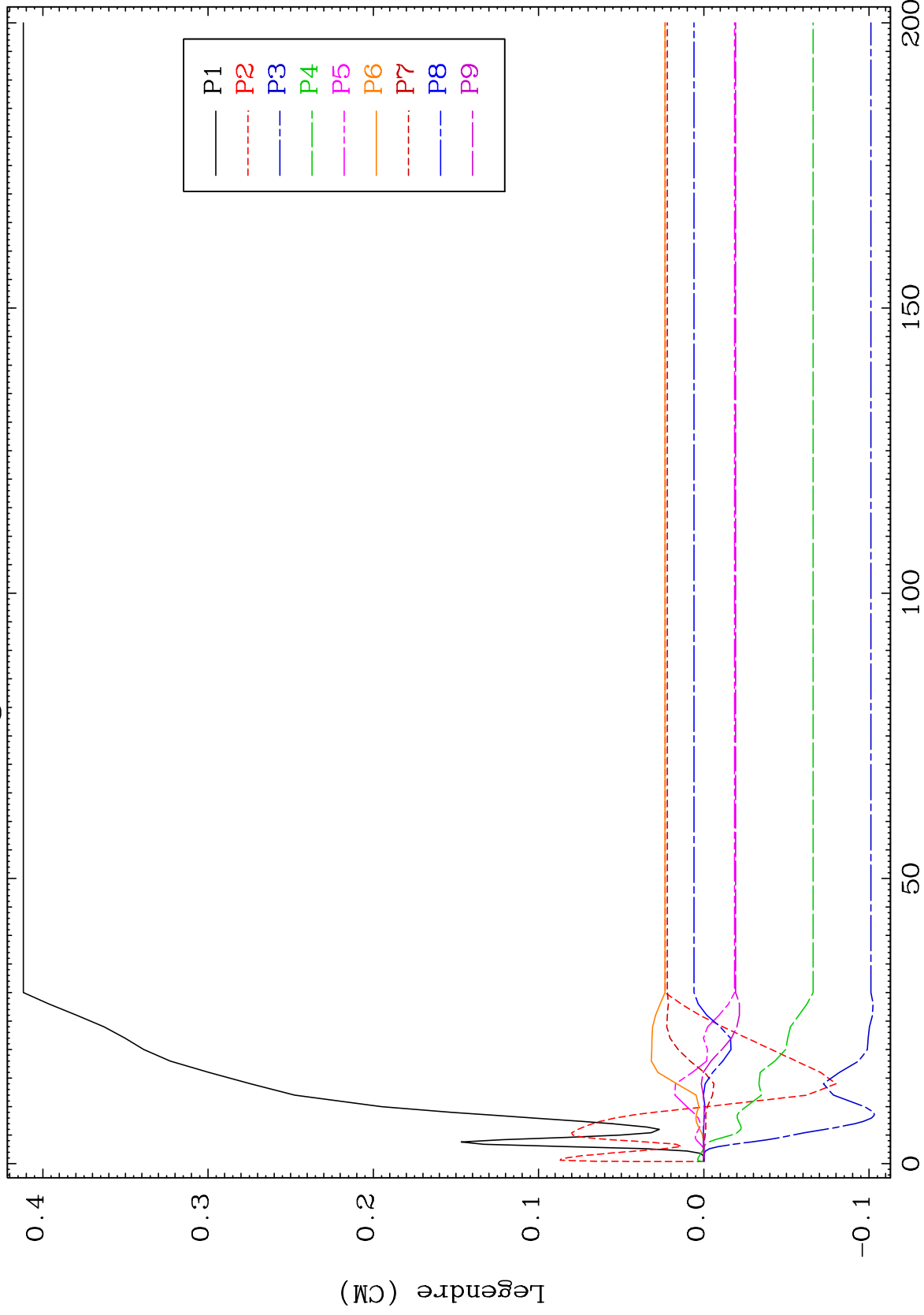
85-At-200



MAT 8516

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

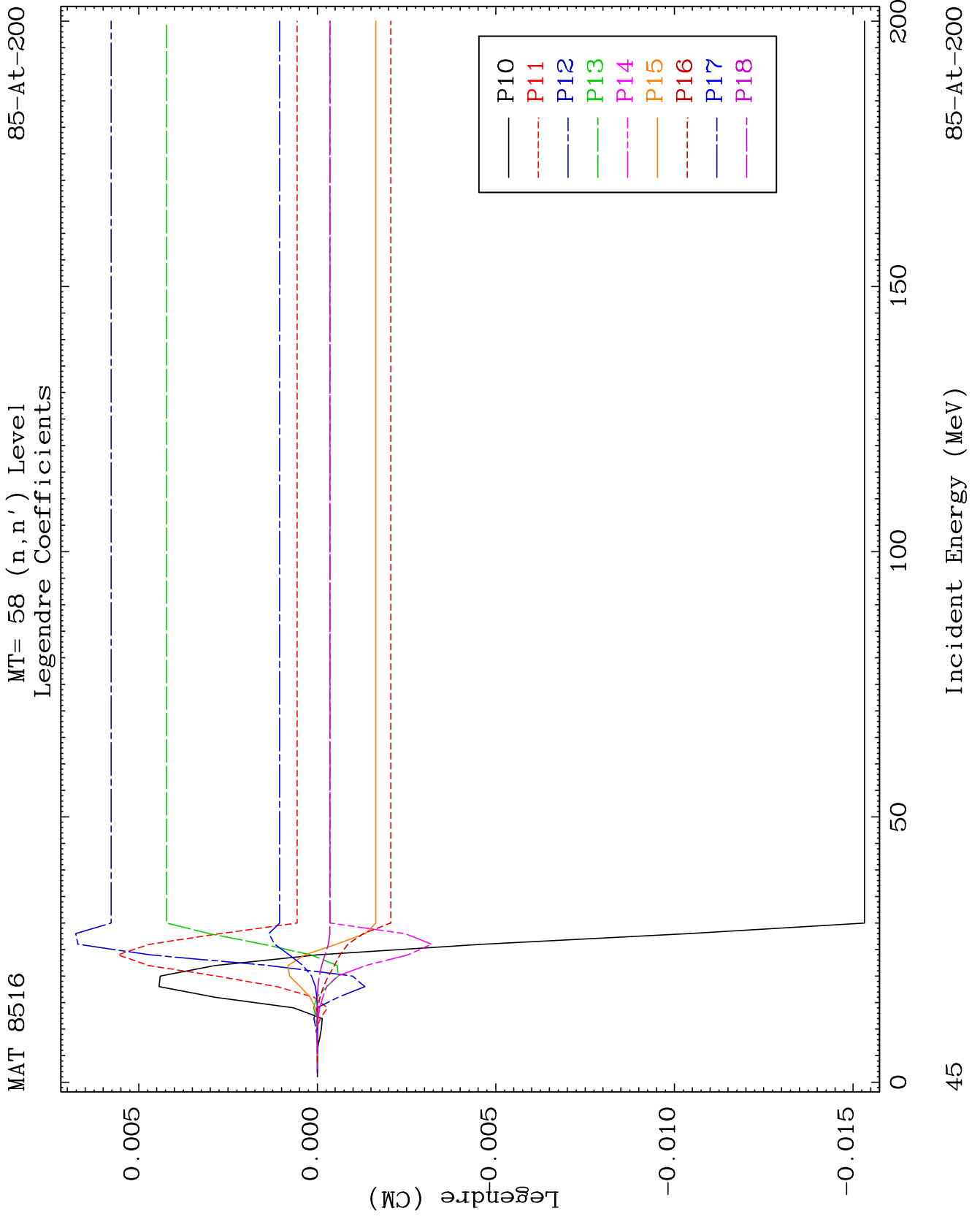
85-At-200



44

Incident Energy (MeV)

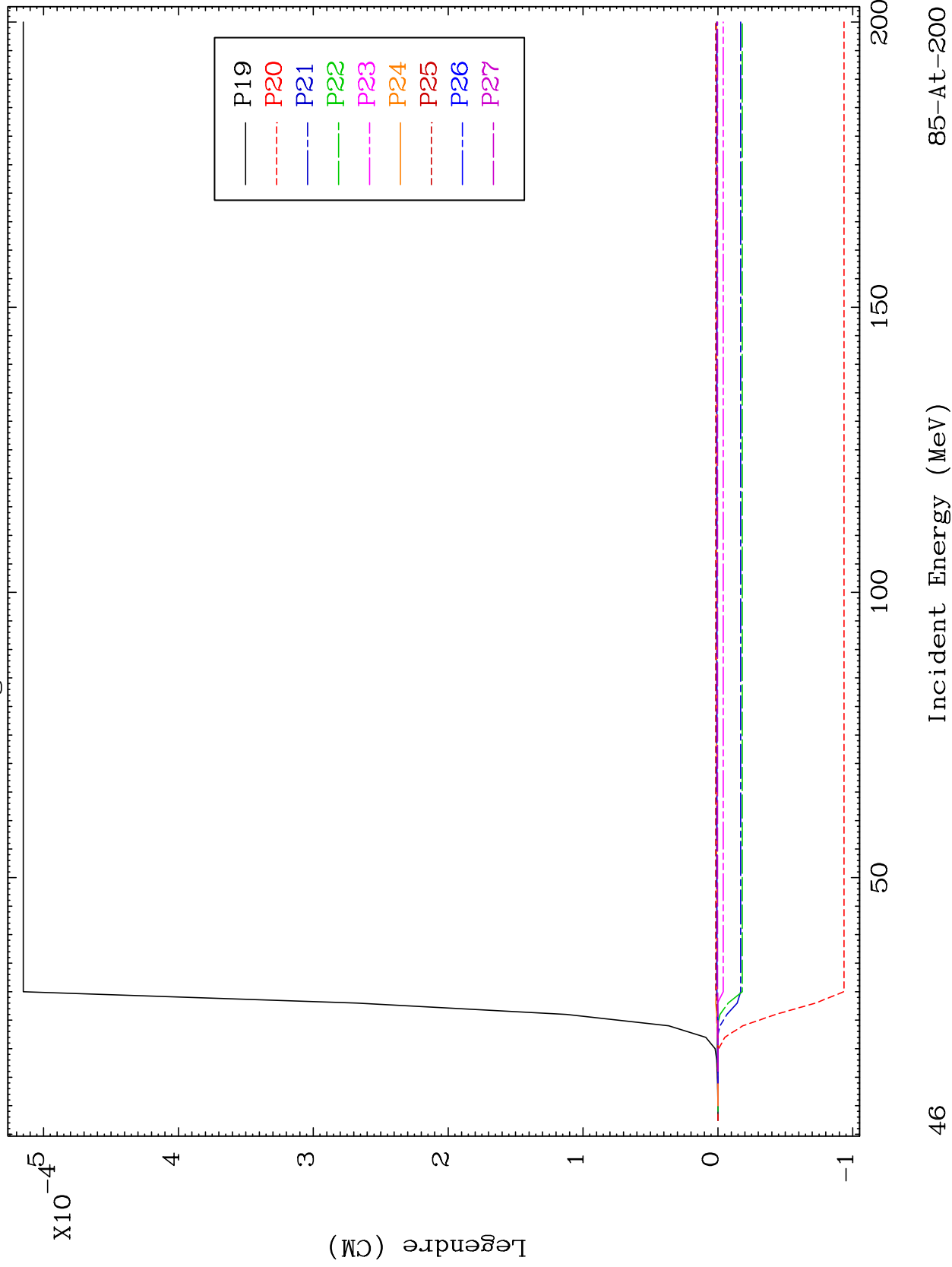
85-At-200



MAT 8516

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

85-At-200



46

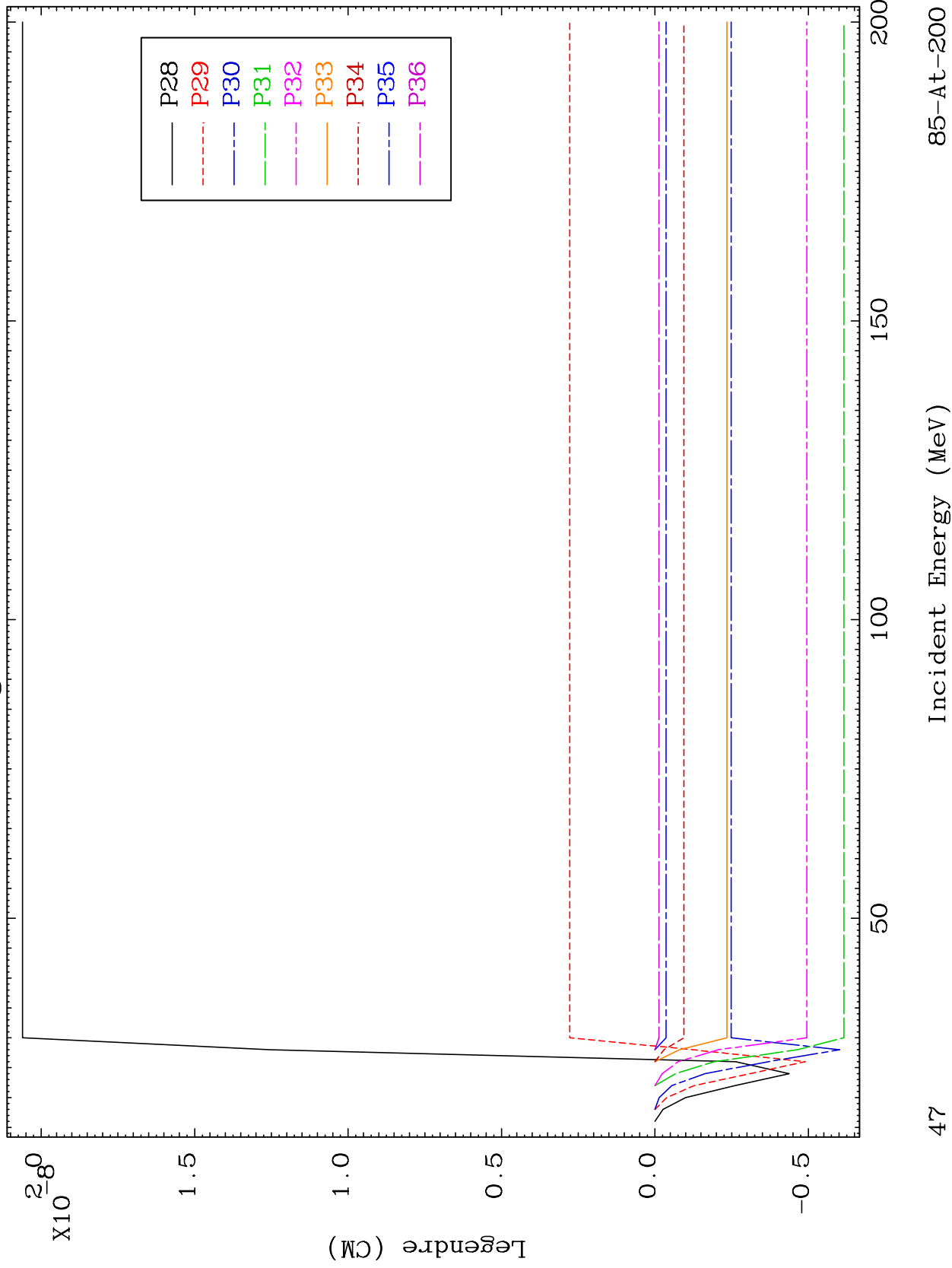
Incident Energy (MeV)

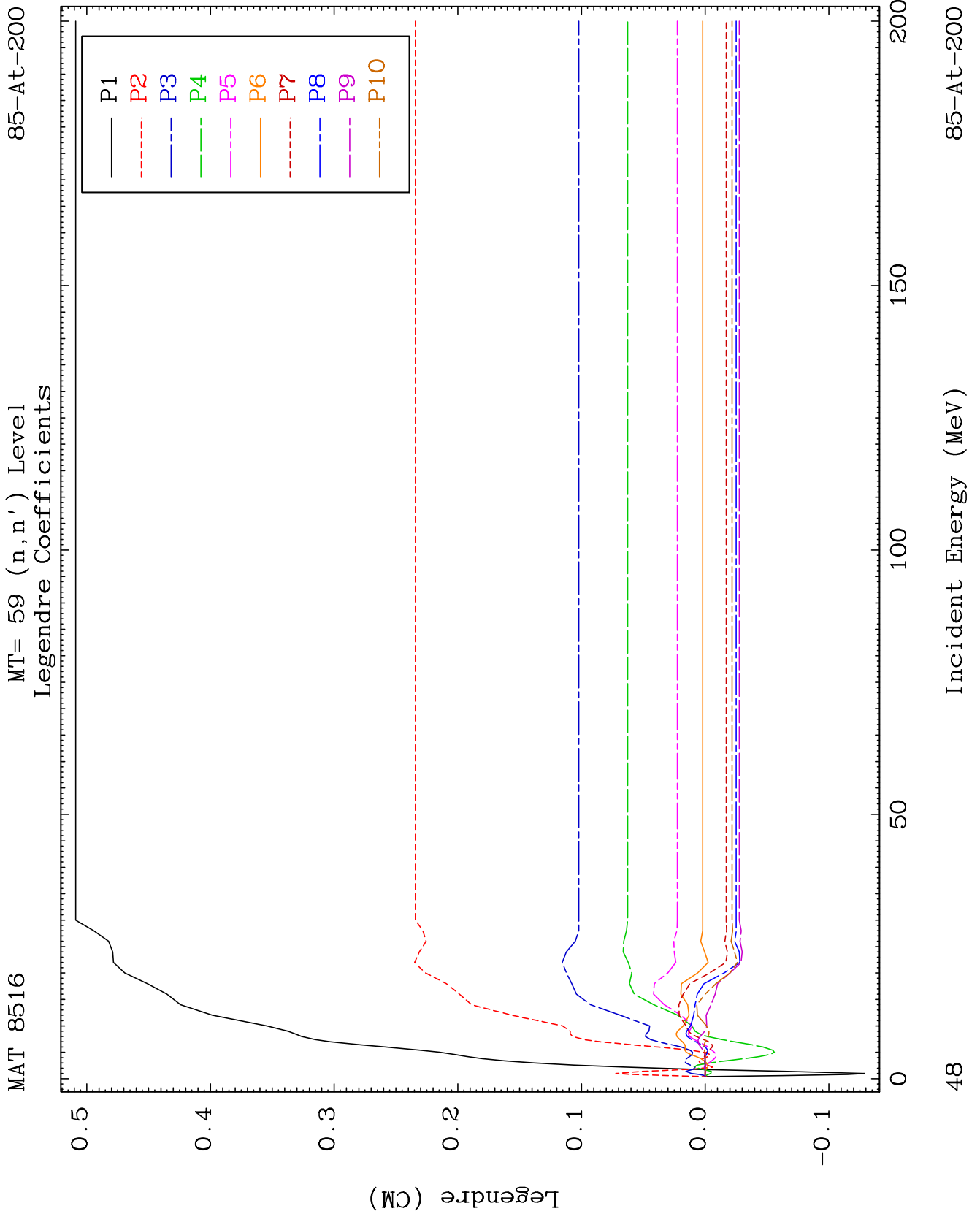
85-At-200

MAT 8516

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

85-At-200

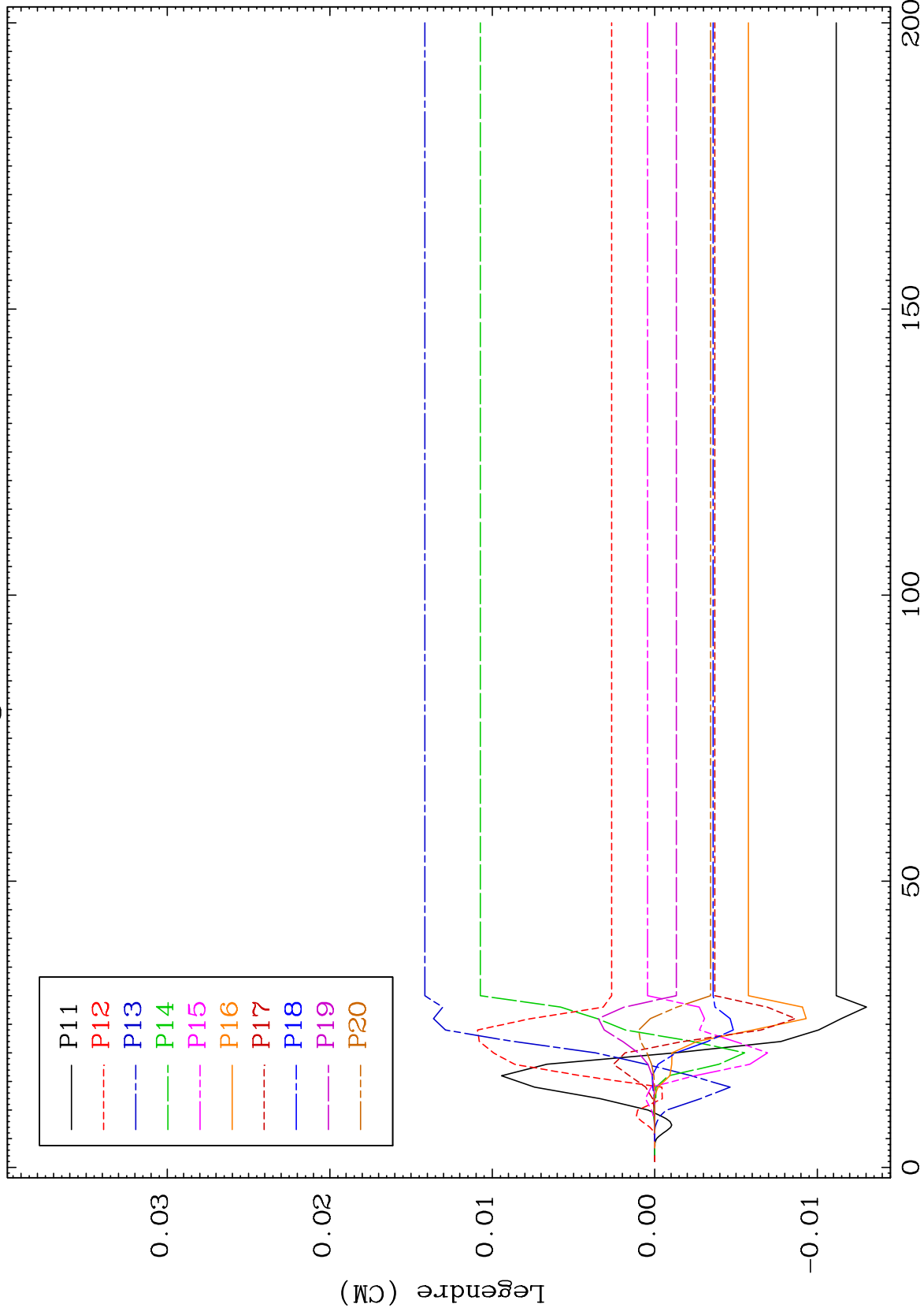




MAT 8516

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

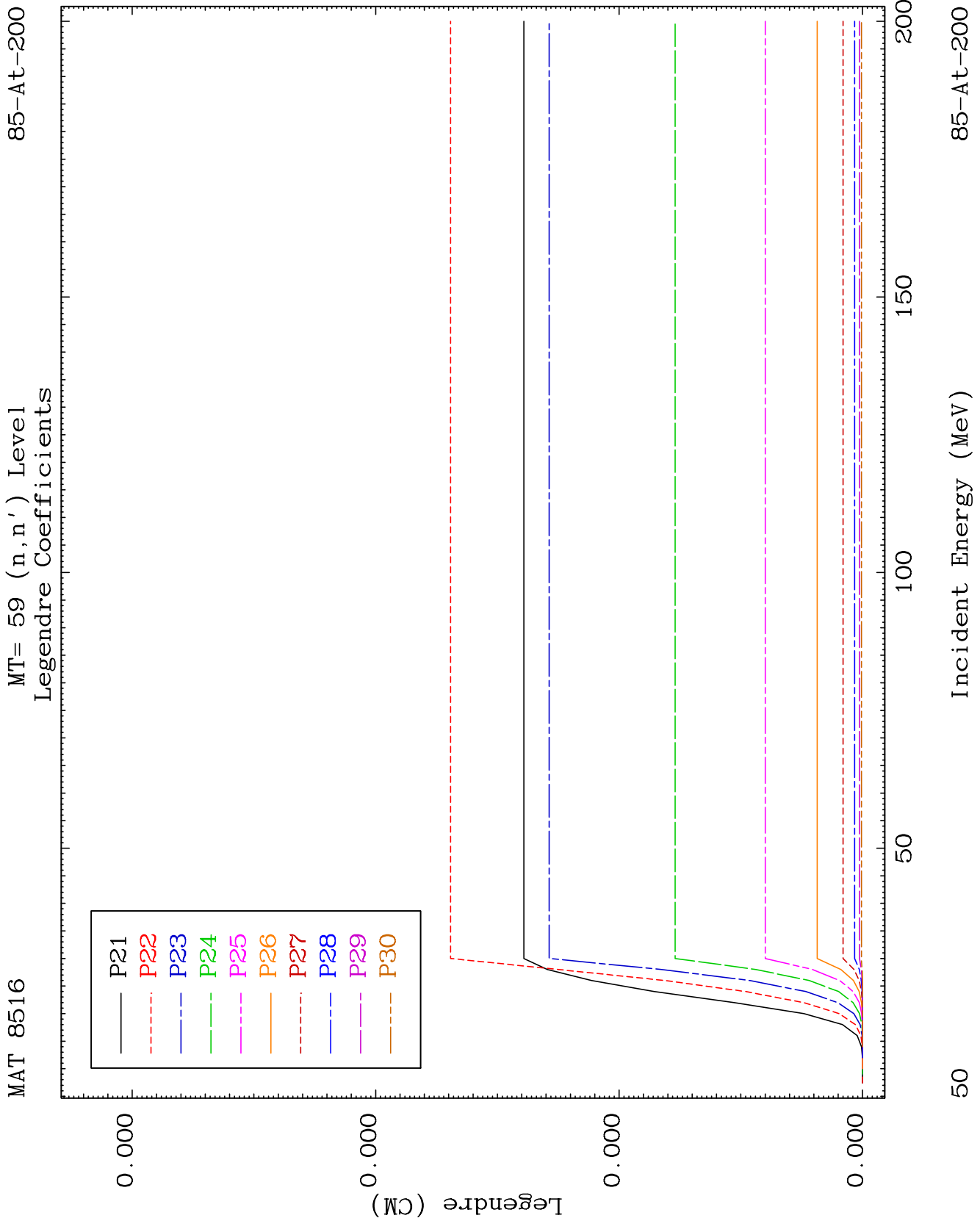
85-At-200



49

Incident Energy (MeV)

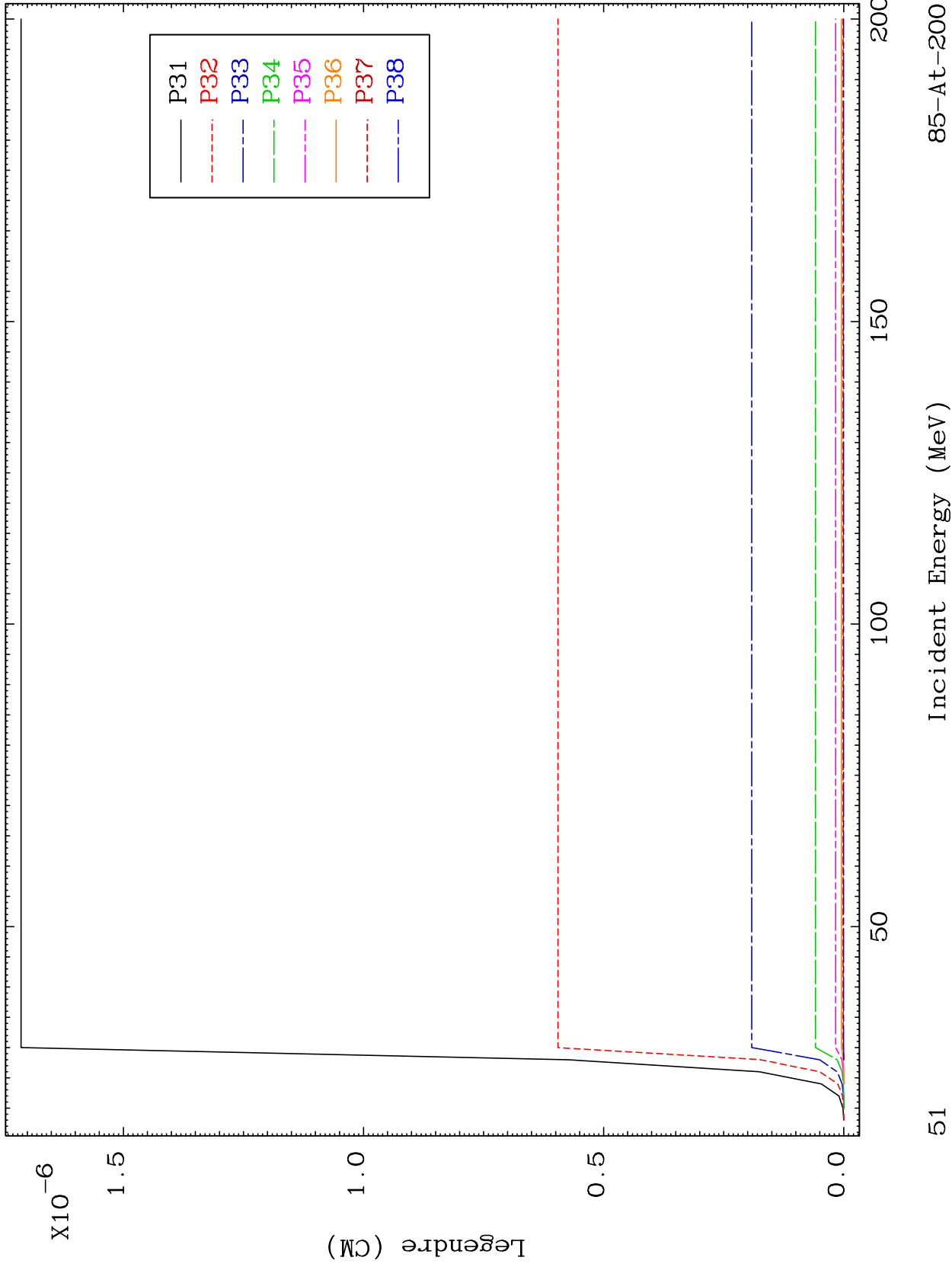
85-At-200



MAT 8516

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

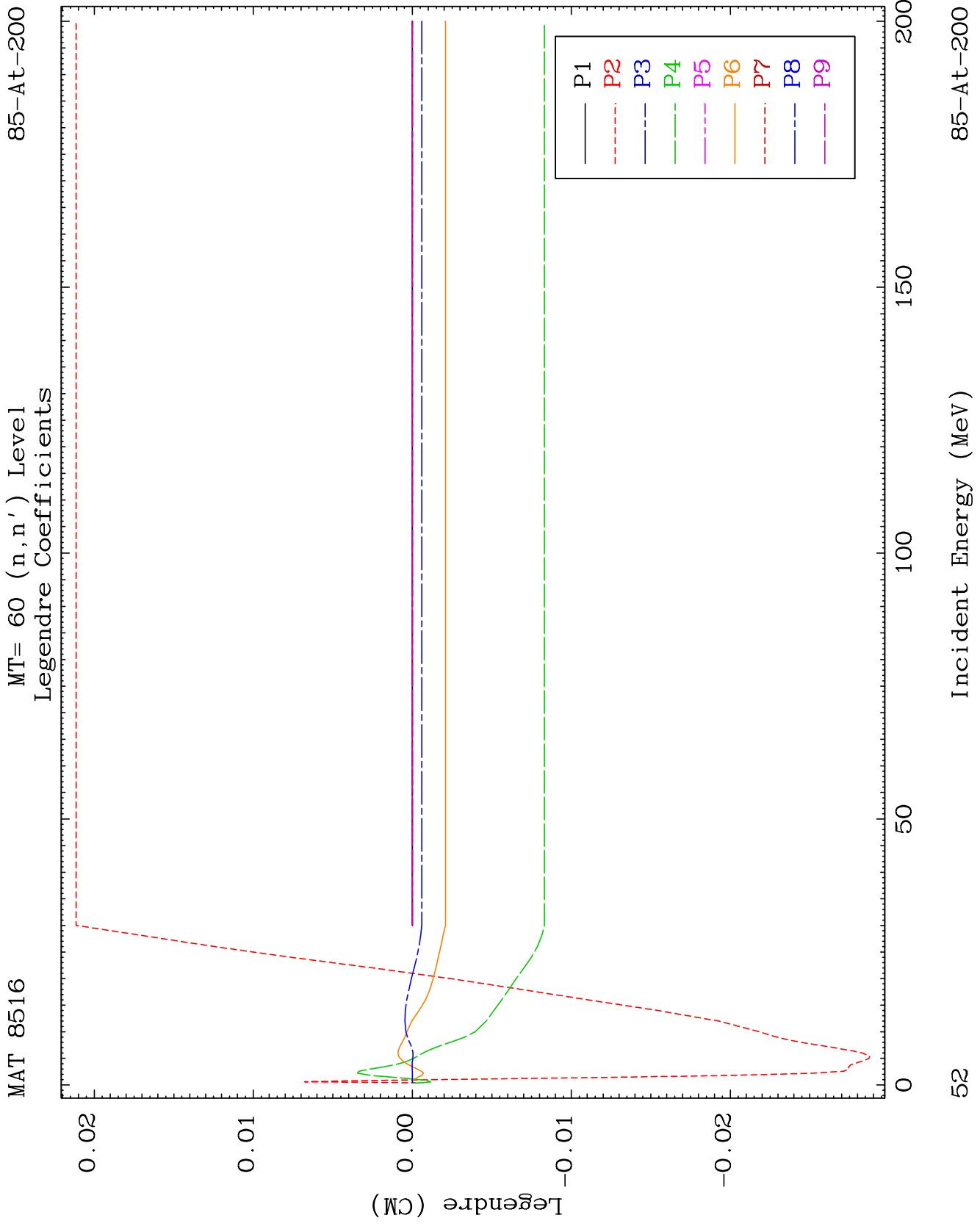
85-At-200



51

Incident Energy (MeV)

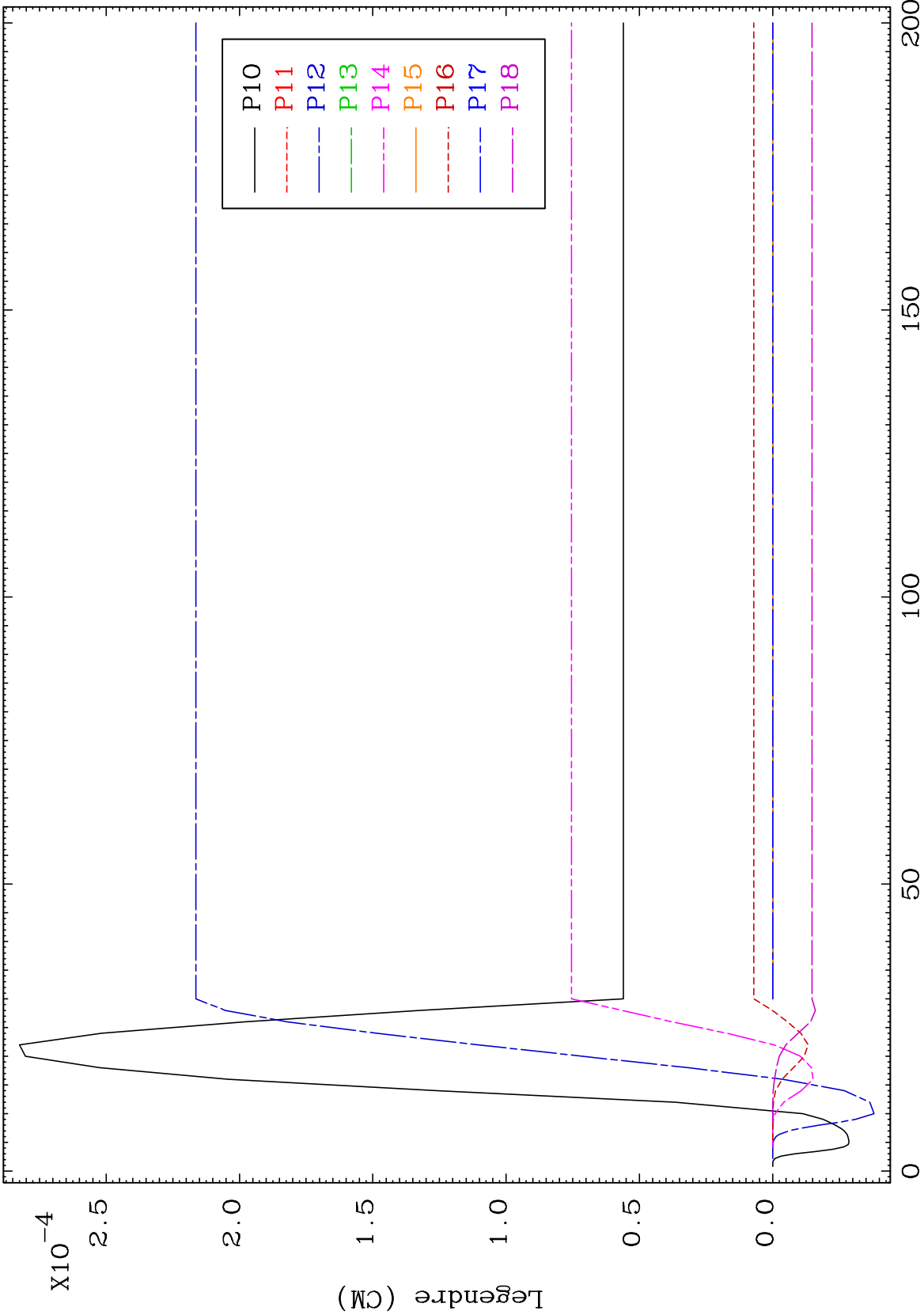
85-At-200



MAT 8516

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

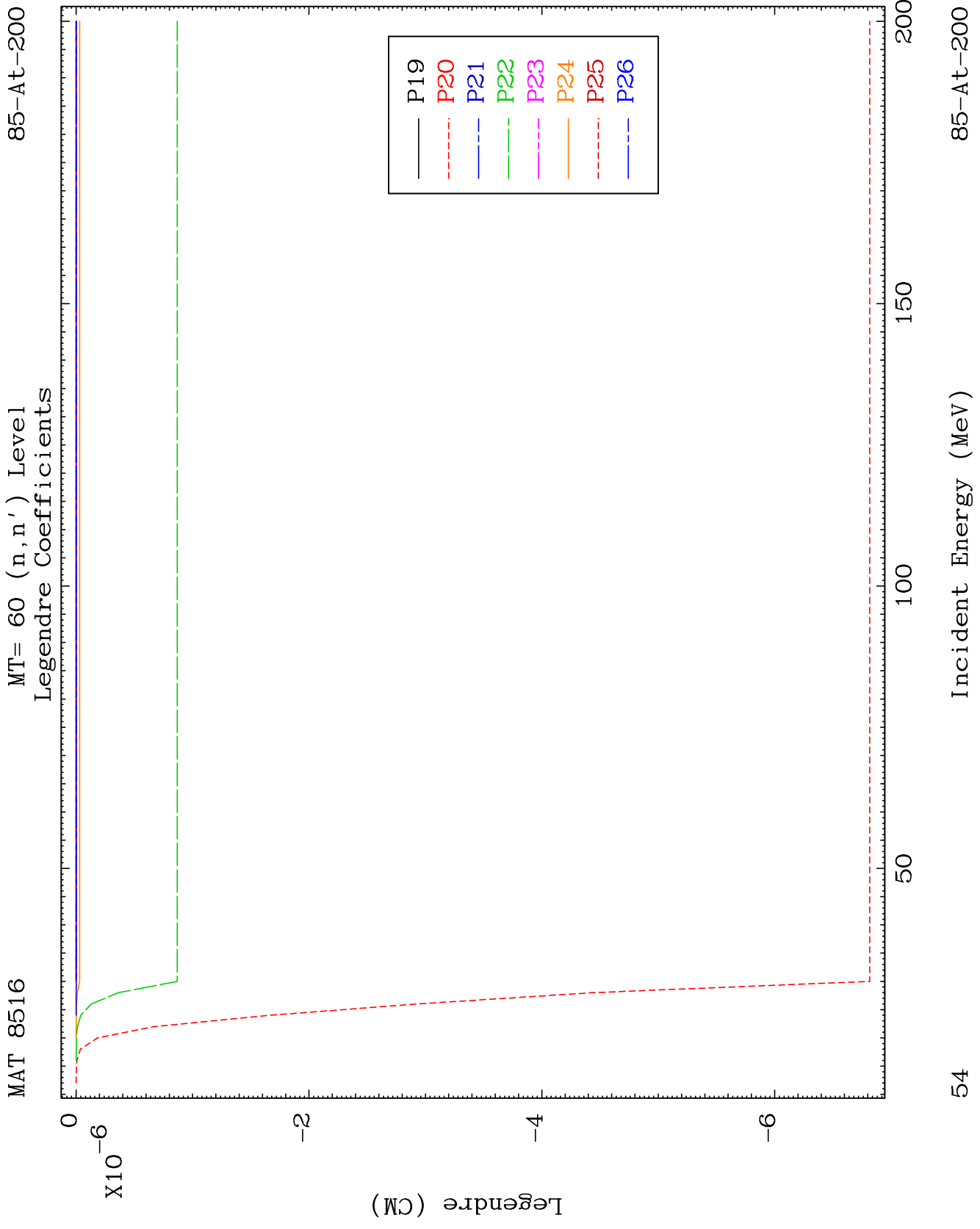
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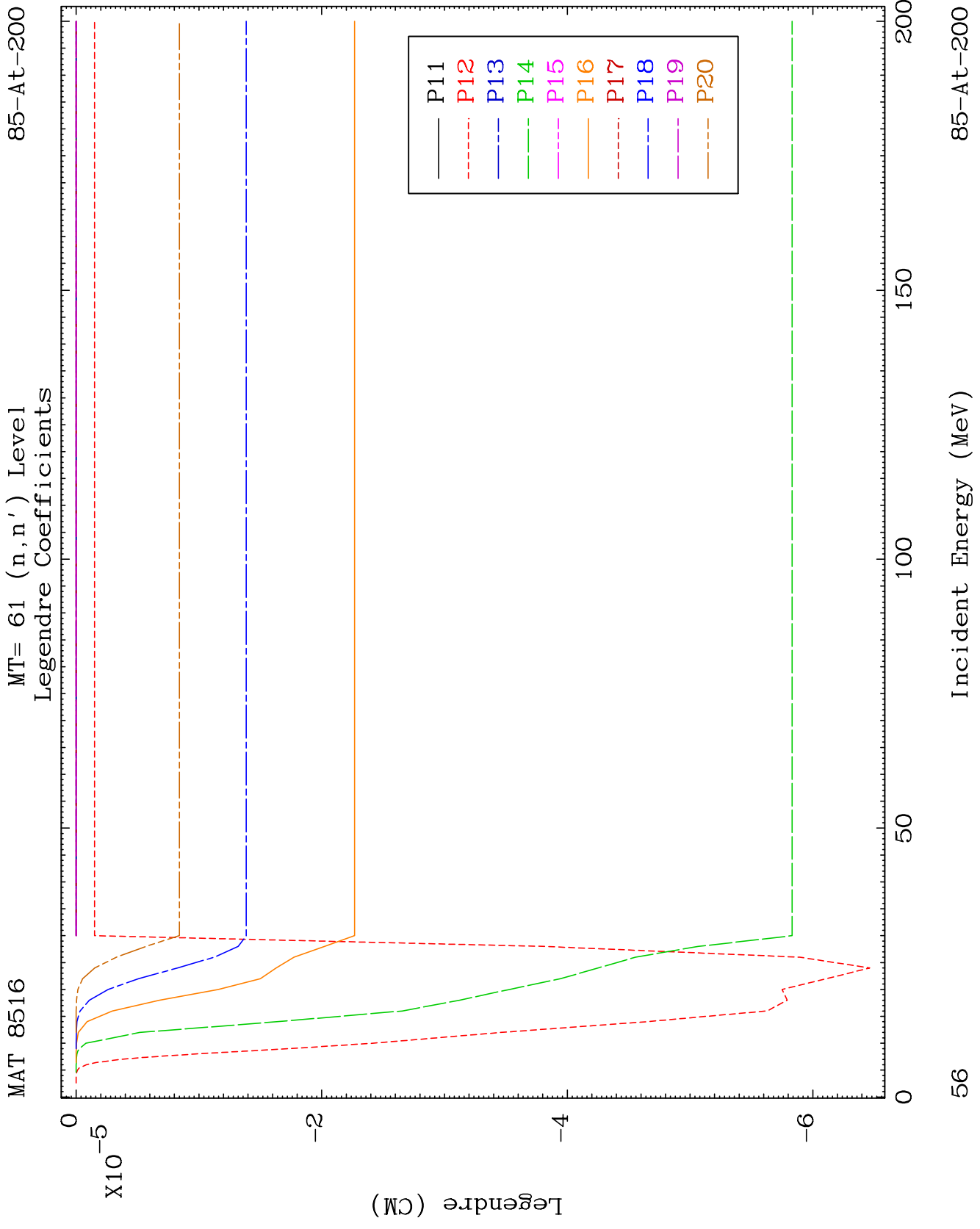


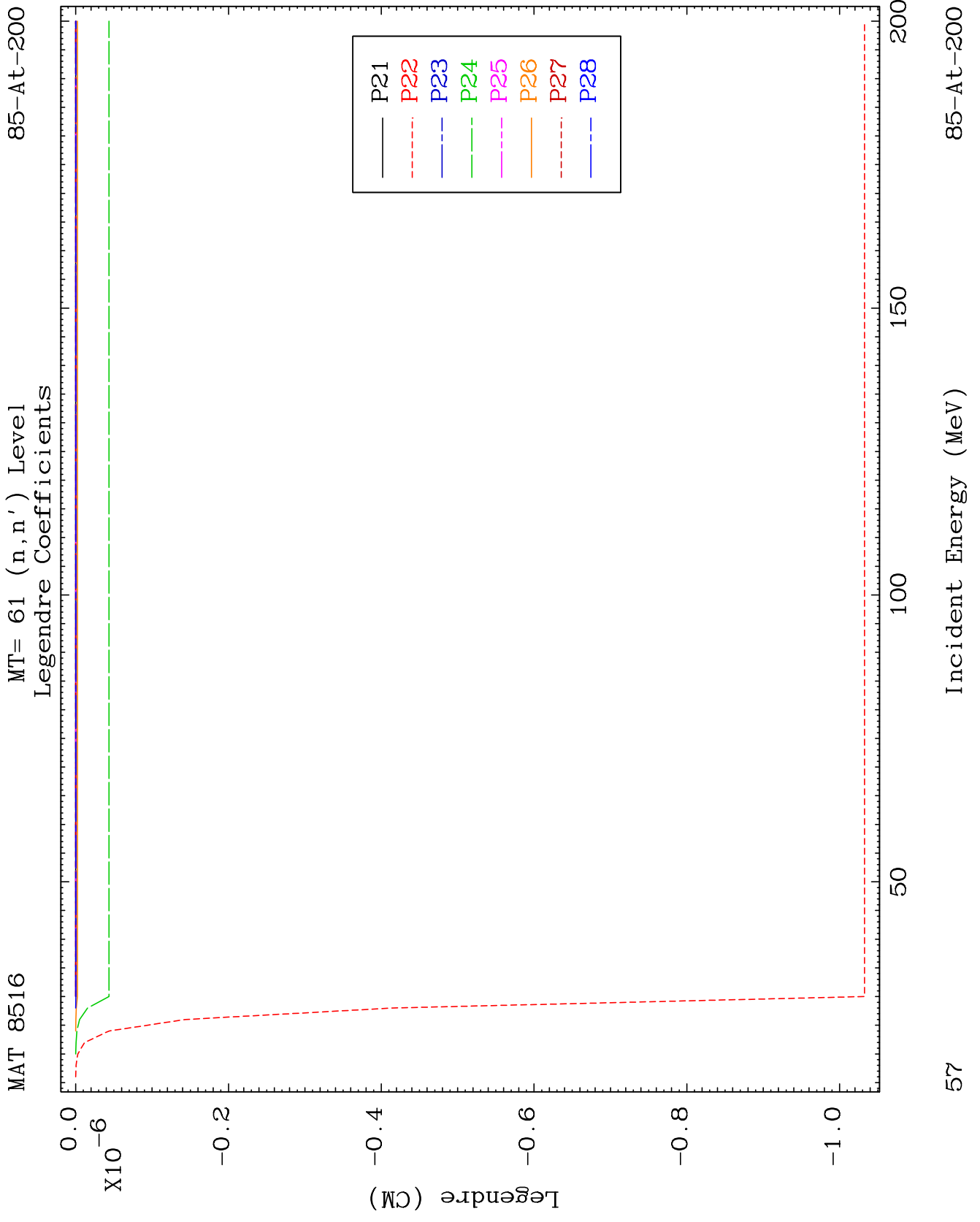
53

Incident Energy (MeV)

85-At-200



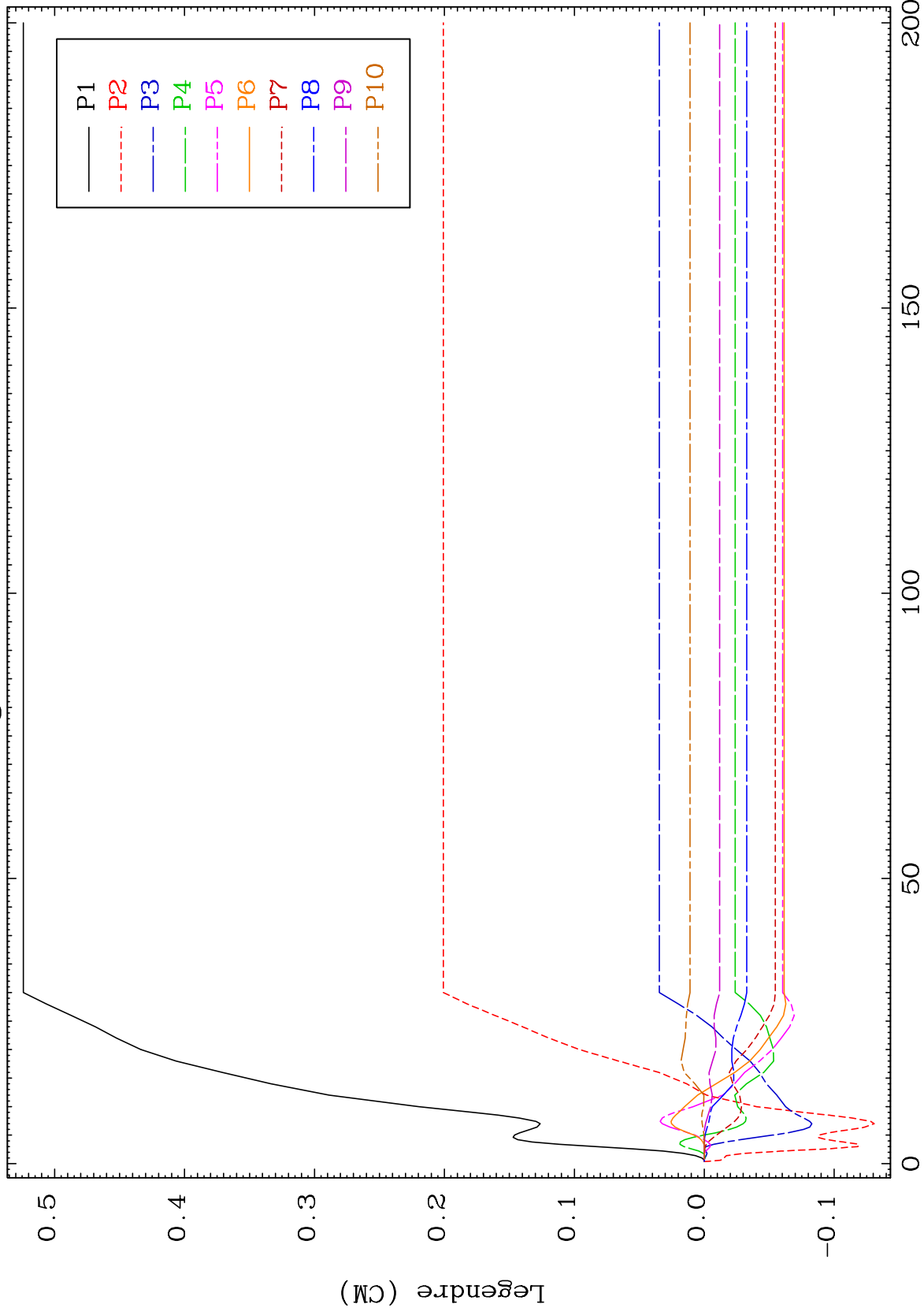




MAT 8516

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

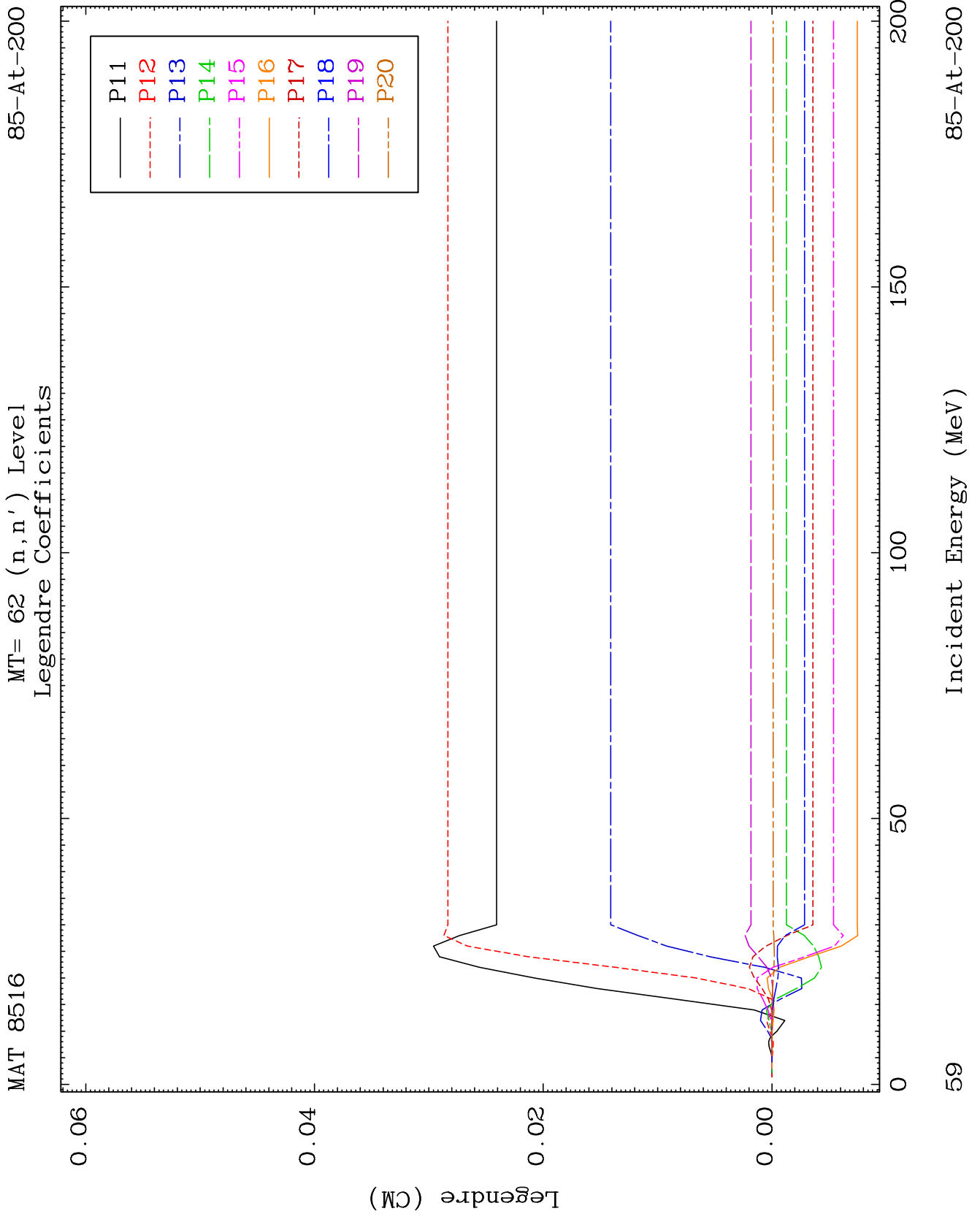
85-At-200



58

Incident Energy (MeV)

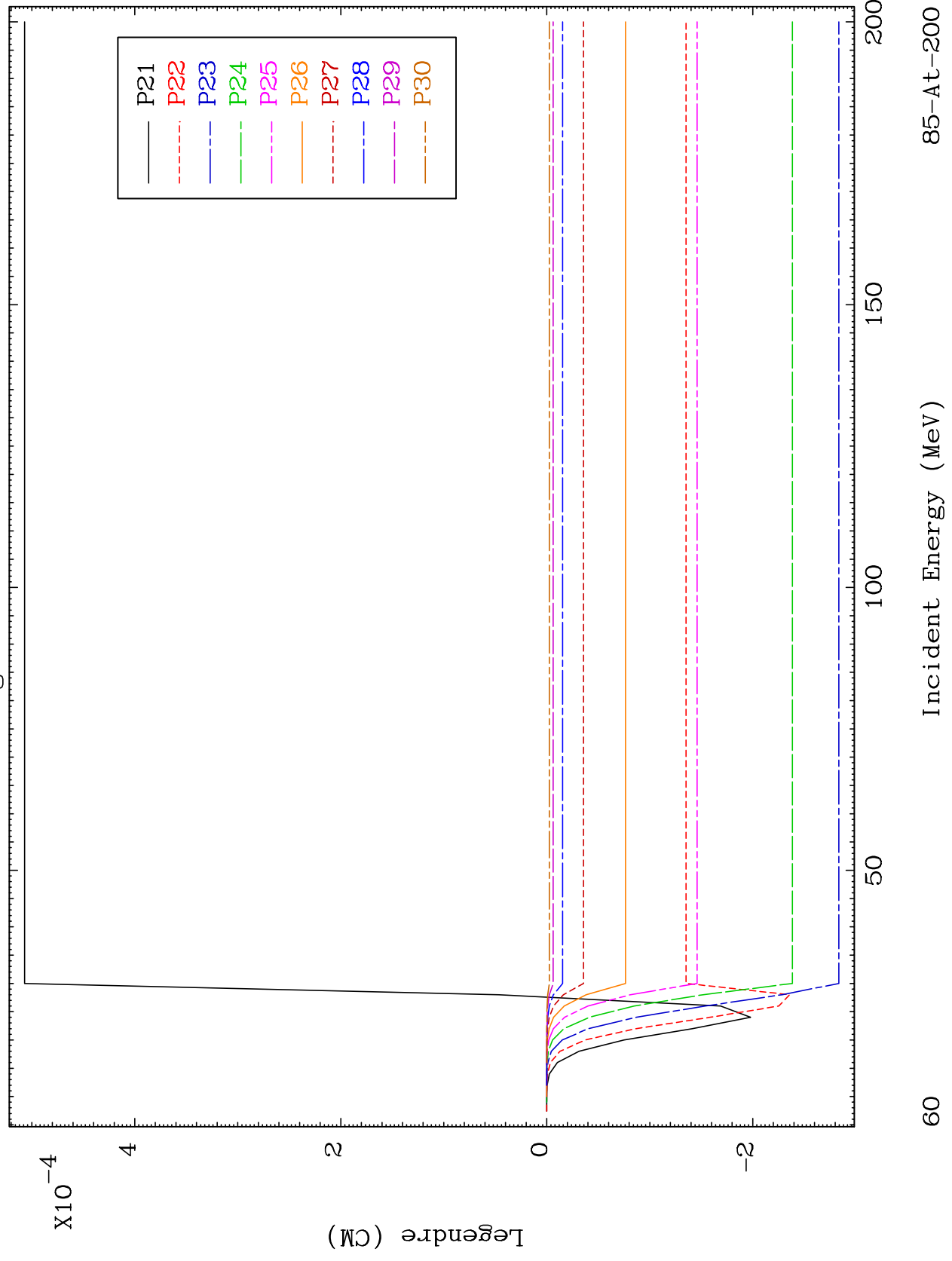
85-At-200



MAT 8516

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

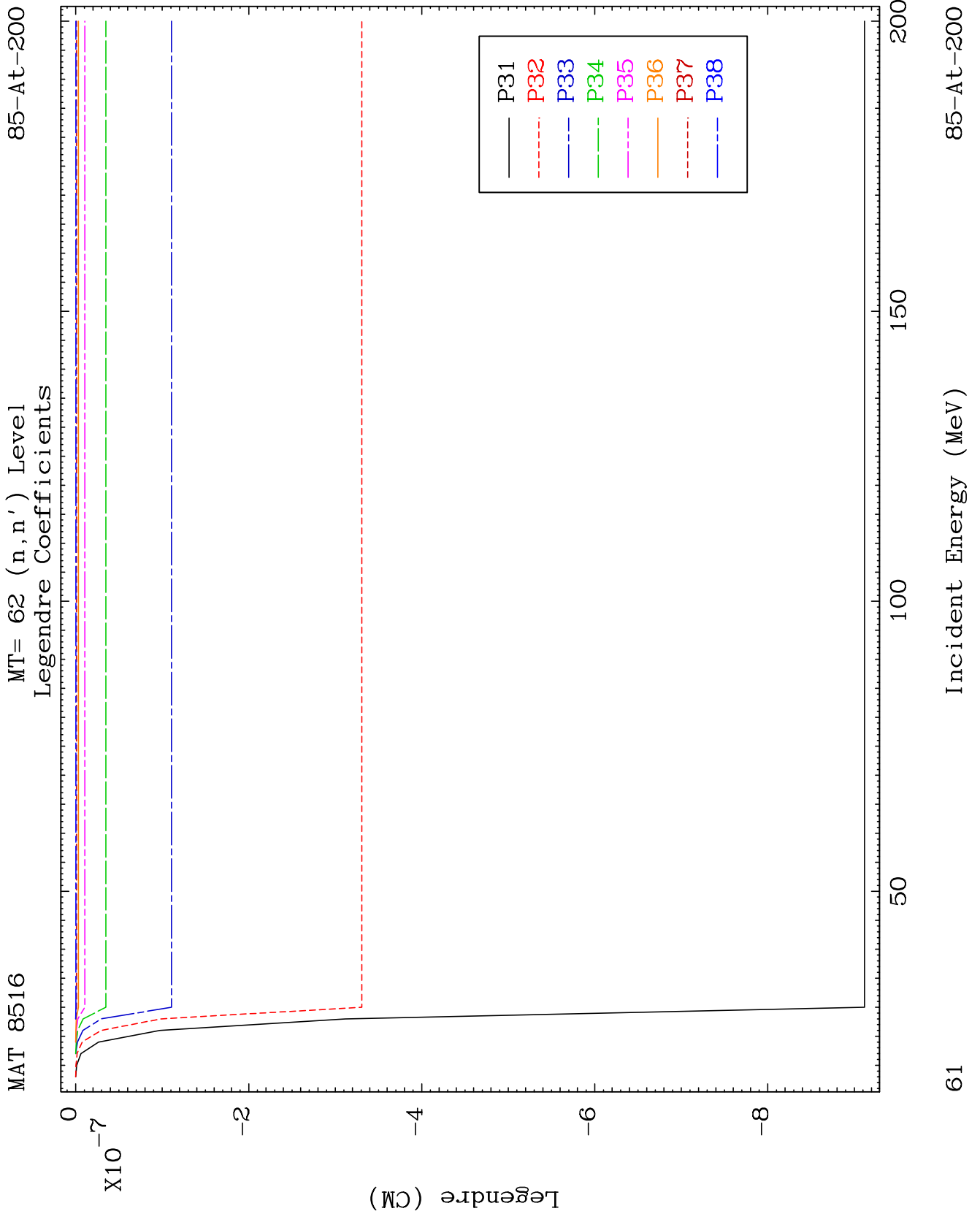
85-At-200

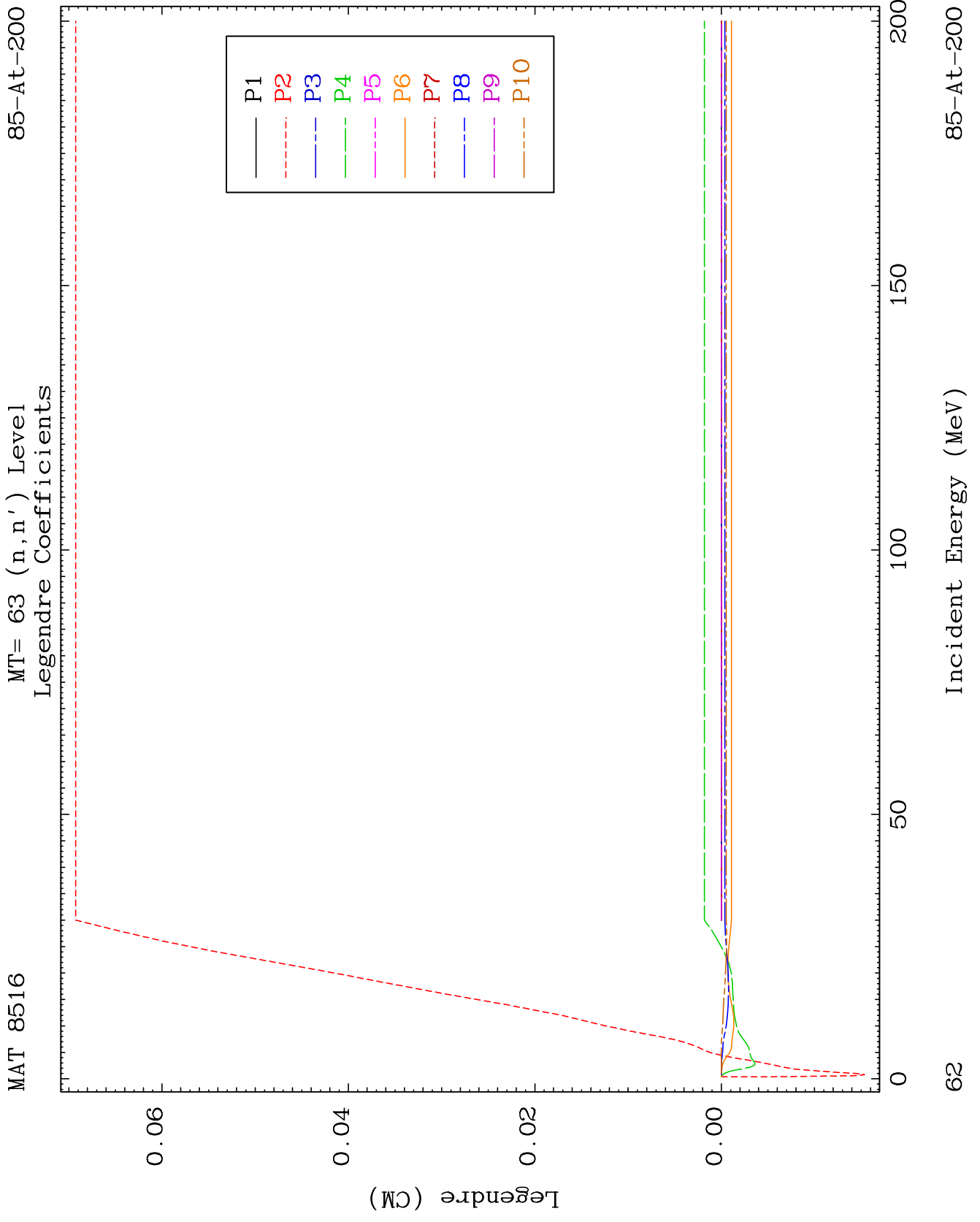


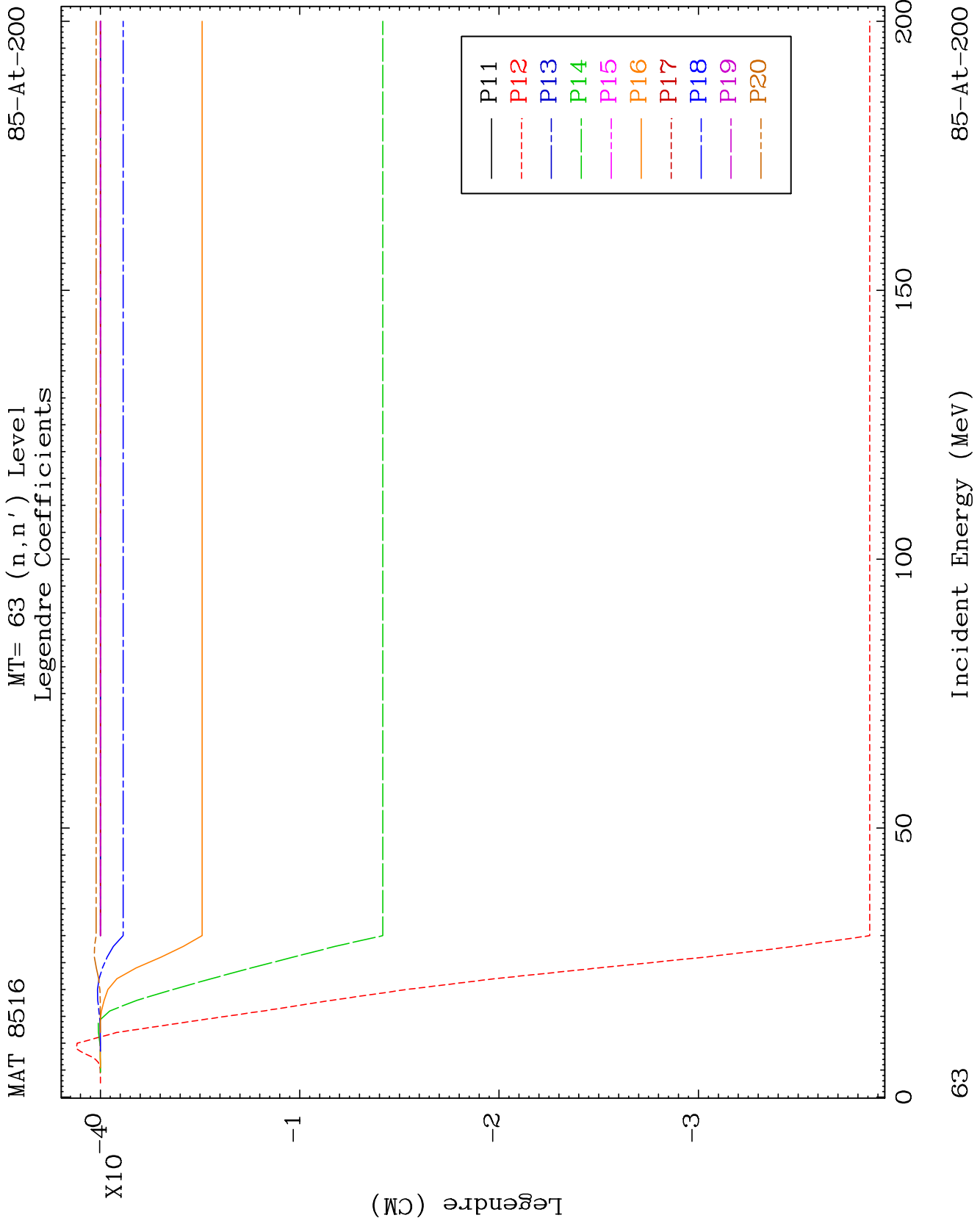
60

Incident Energy (MeV)

85-At-200







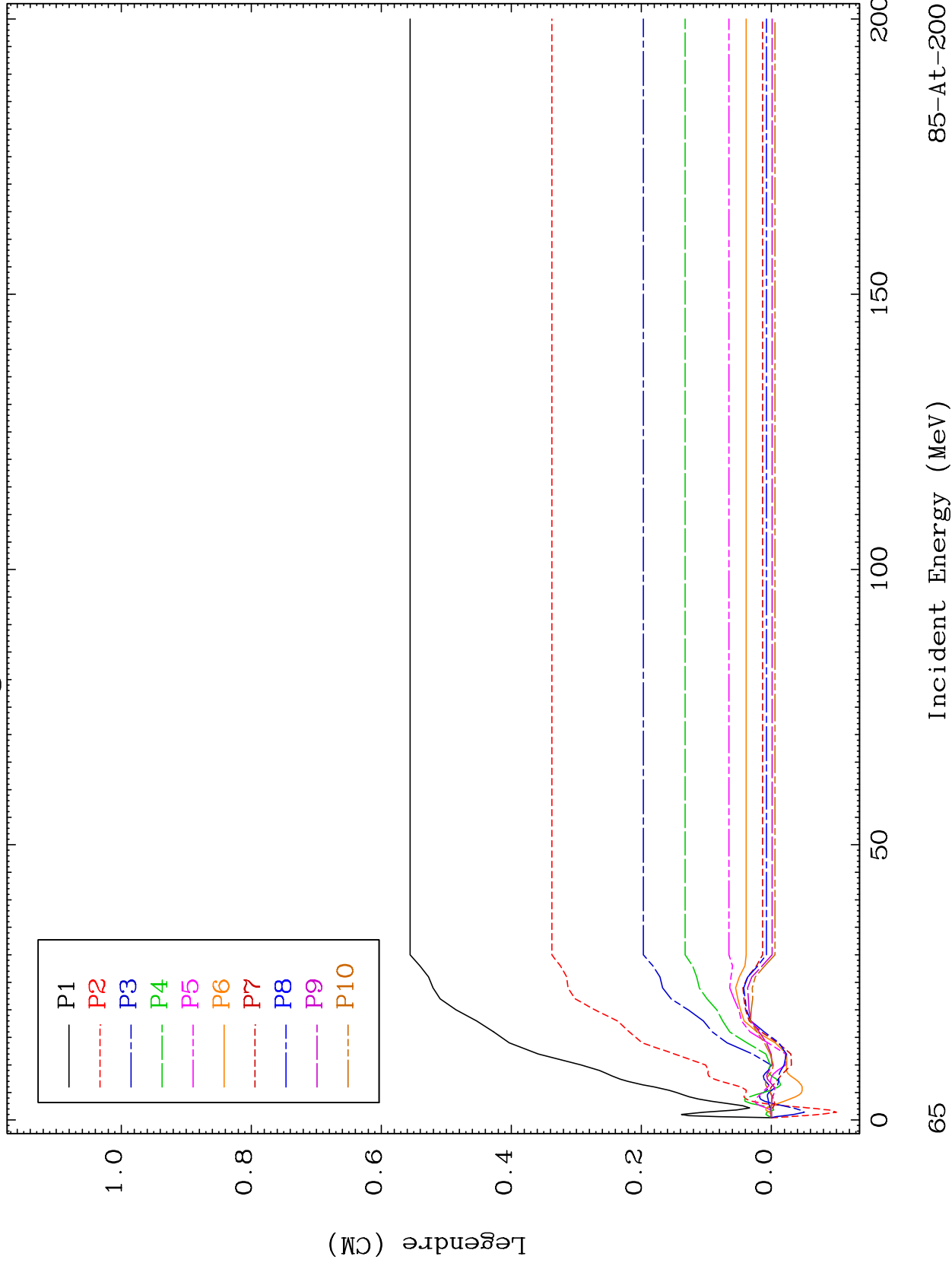
63

85-At-200

MAT 8516

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

85-At-200



85-At-200

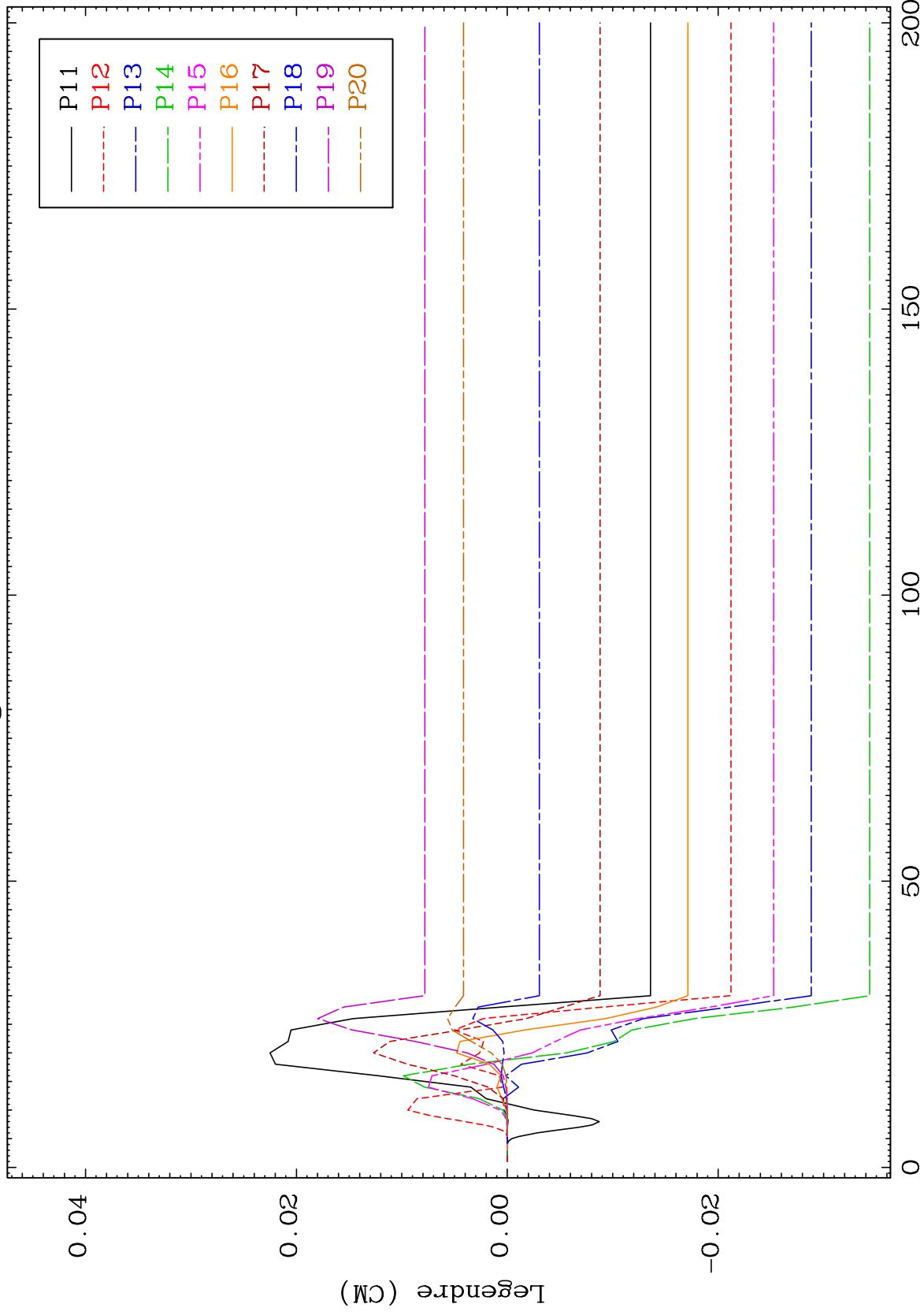
Incident Energy (MeV)

65

MAT 8516

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

85-At-200



66

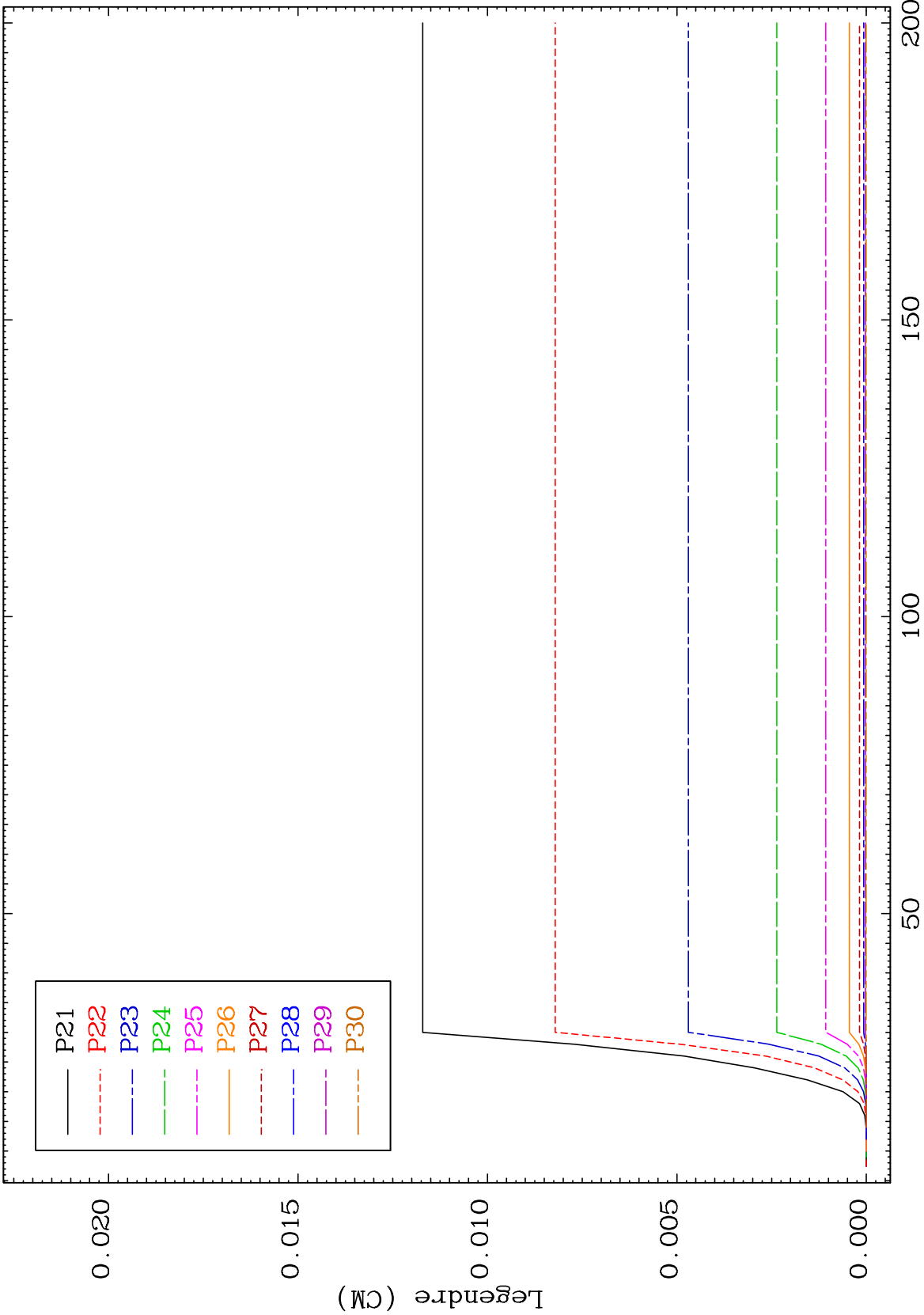
Incident Energy (MeV)

85-At-200

MAT 8516

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

85-At-200



67

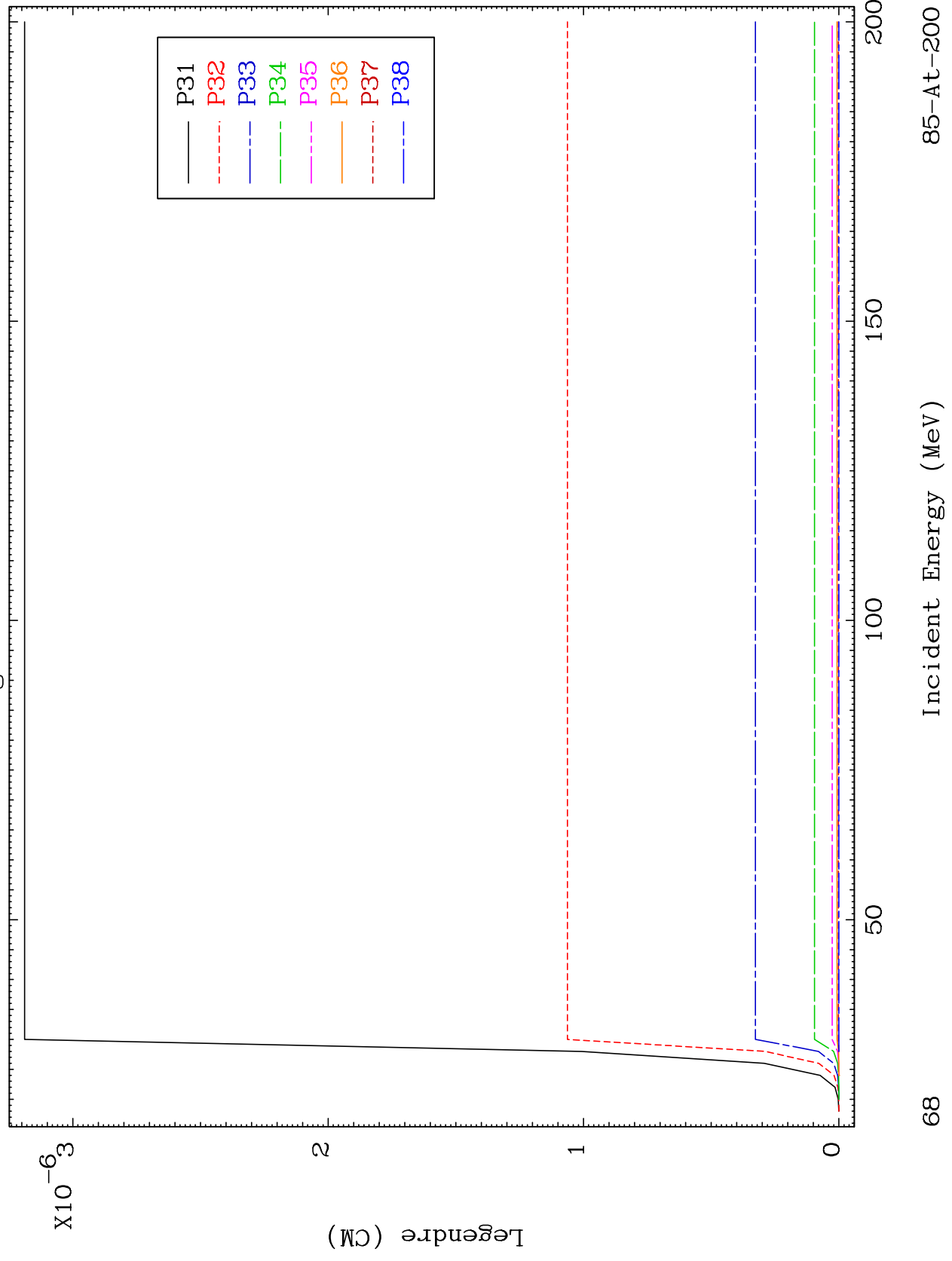
Incident Energy (MeV)

85-At-200

MAT 8516

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

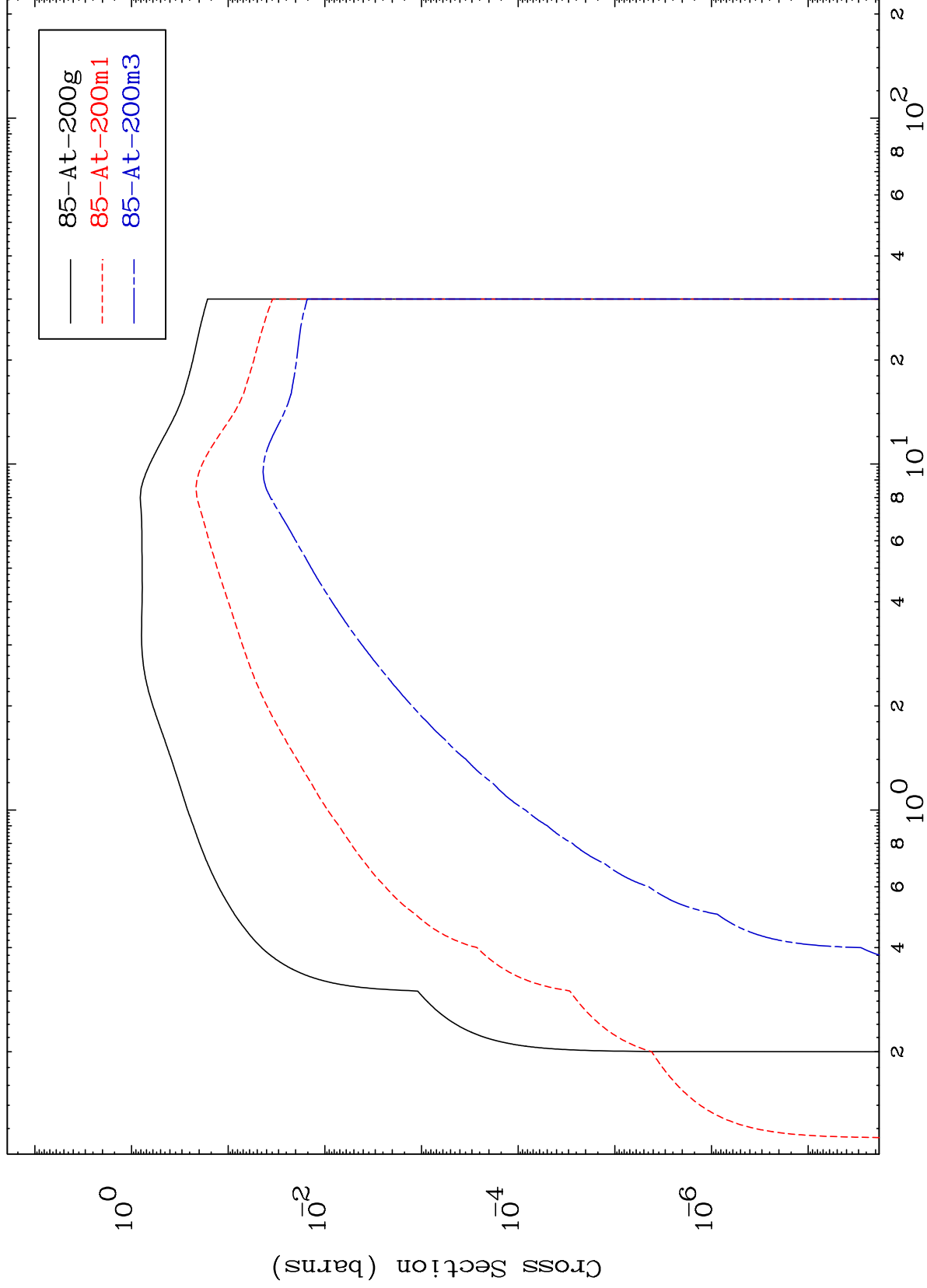
85-At-200



MAT 8516

Inelastic
Radionuclide Production Cross Section

85-At-200



69

Incident Energy (MeV)

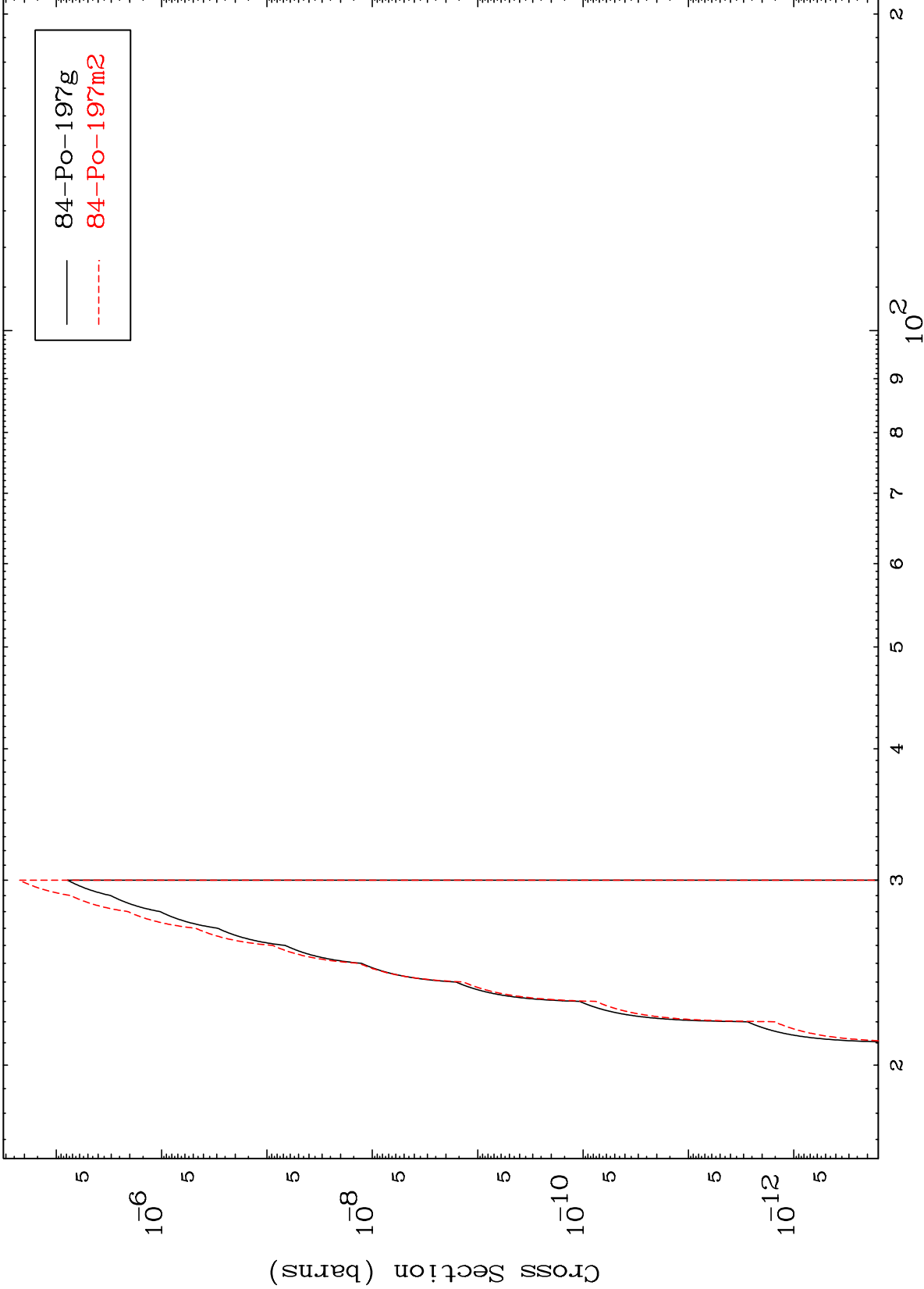
85-At-200

MAT 8516

(n,2n) d

85-At-200

Radionuclide Production Cross Section



70

Incident Energy (MeV)

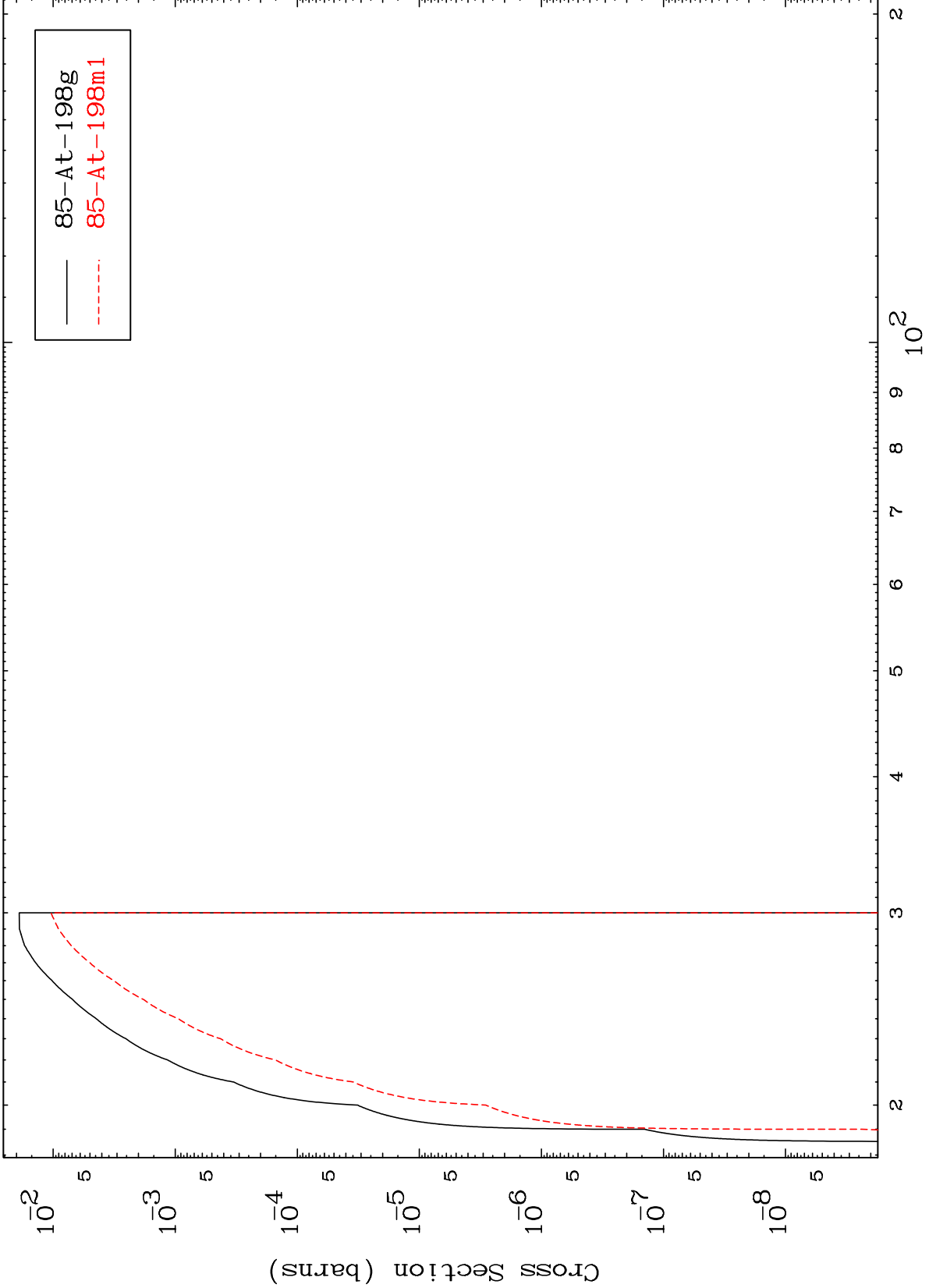
85-At-200

MAT 8516

(n,3n)

85-At-200

Radionuclide Production Cross Section



71

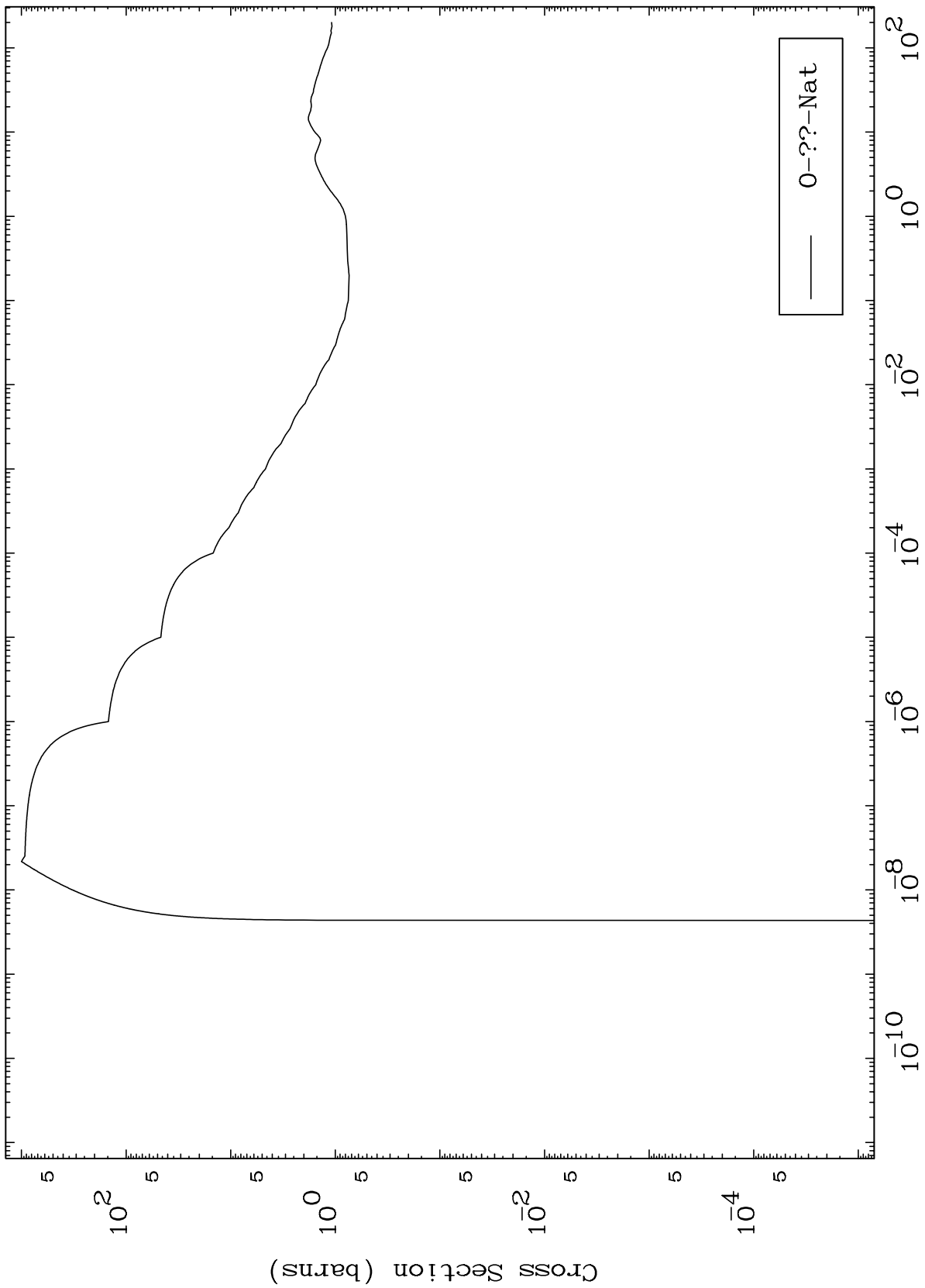
Incident Energy (MeV)

85-At-200

MAT 8516

85-At-200

Fission
Radionuclide Production Cross Section



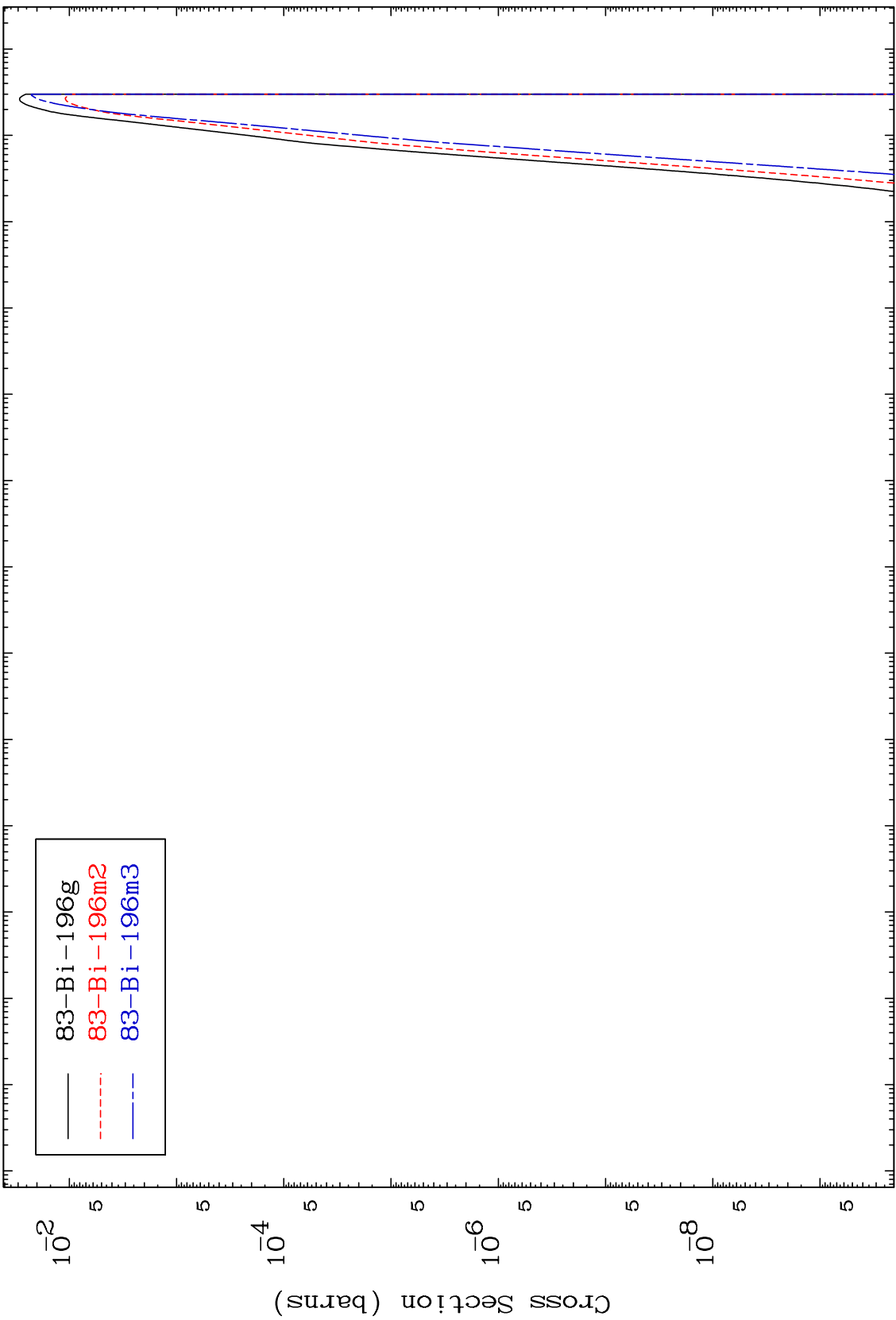
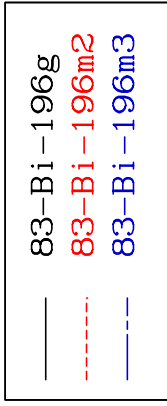
0-??-Nat

MAT 85116

$(n, n') \alpha$

85-At-200

Radionuclide Production Cross Section



73

Incident Energy (MeV)

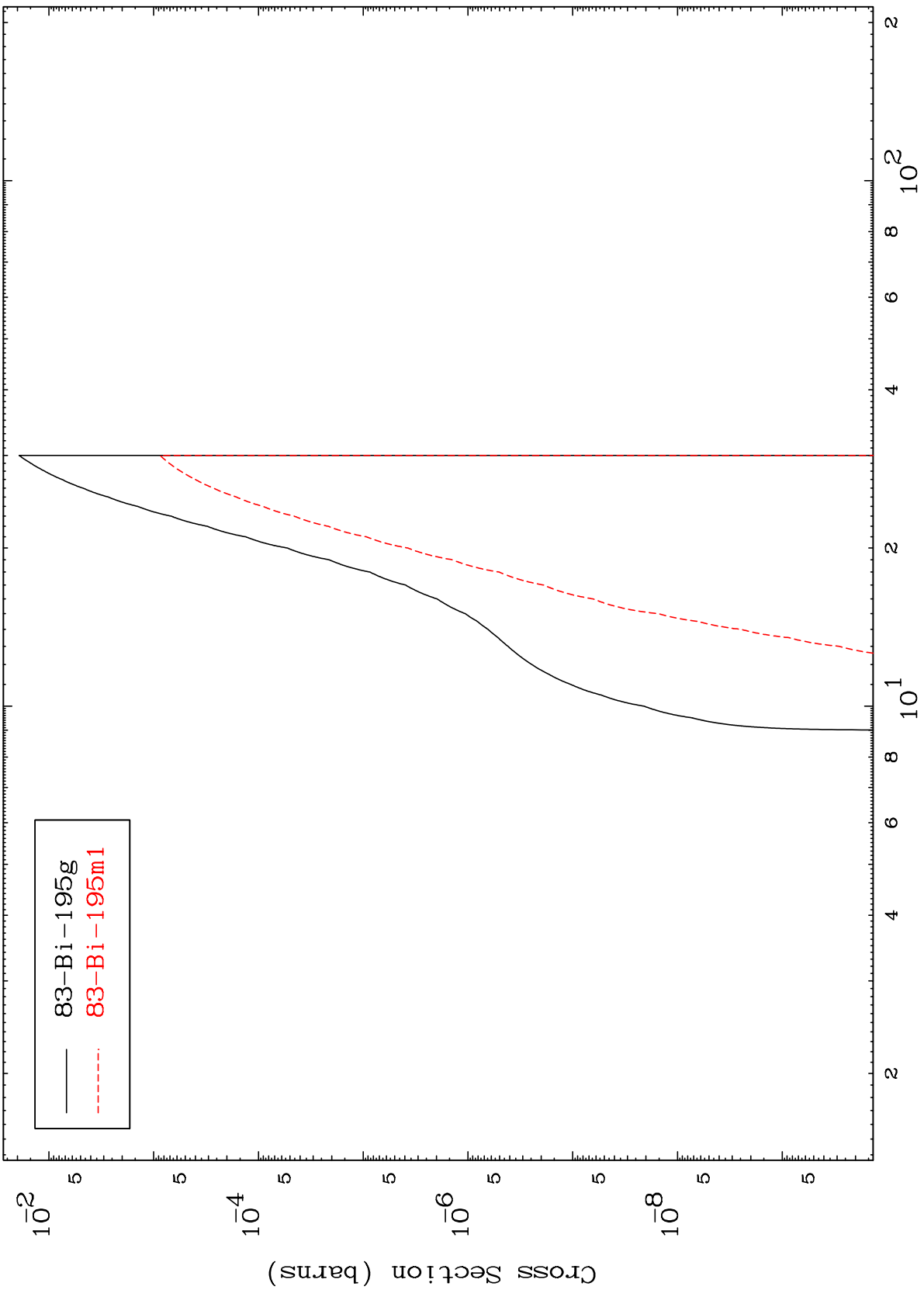
85-At-200

MAT 8516

(n,2n) α

85-At-200

Radionuclide Production Cross Section



74

Incident Energy (MeV)

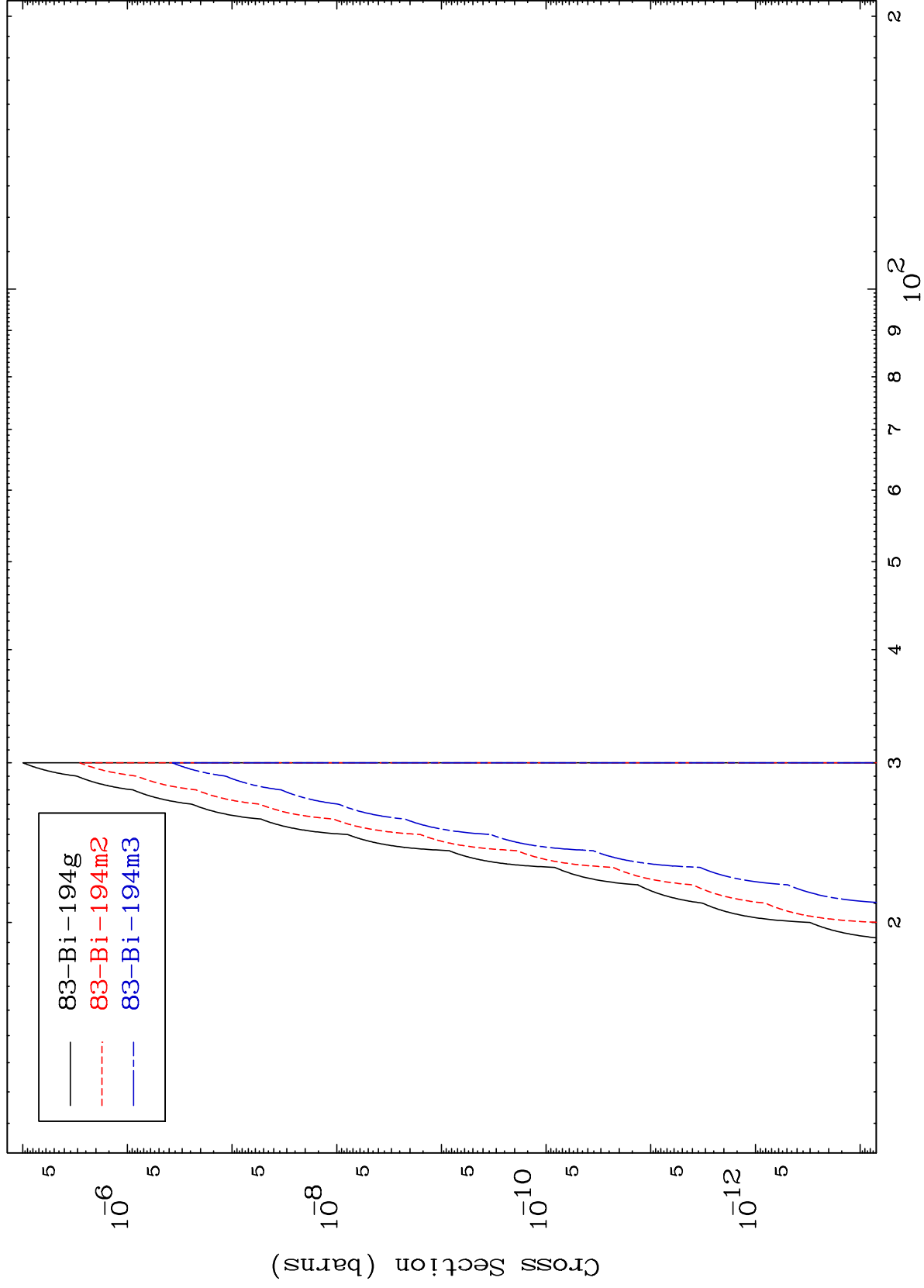
85-At-200

MAT 8516

(n,3n) α

85-At-200

Radionuclide Production Cross Section



75

Incident Energy (MeV)

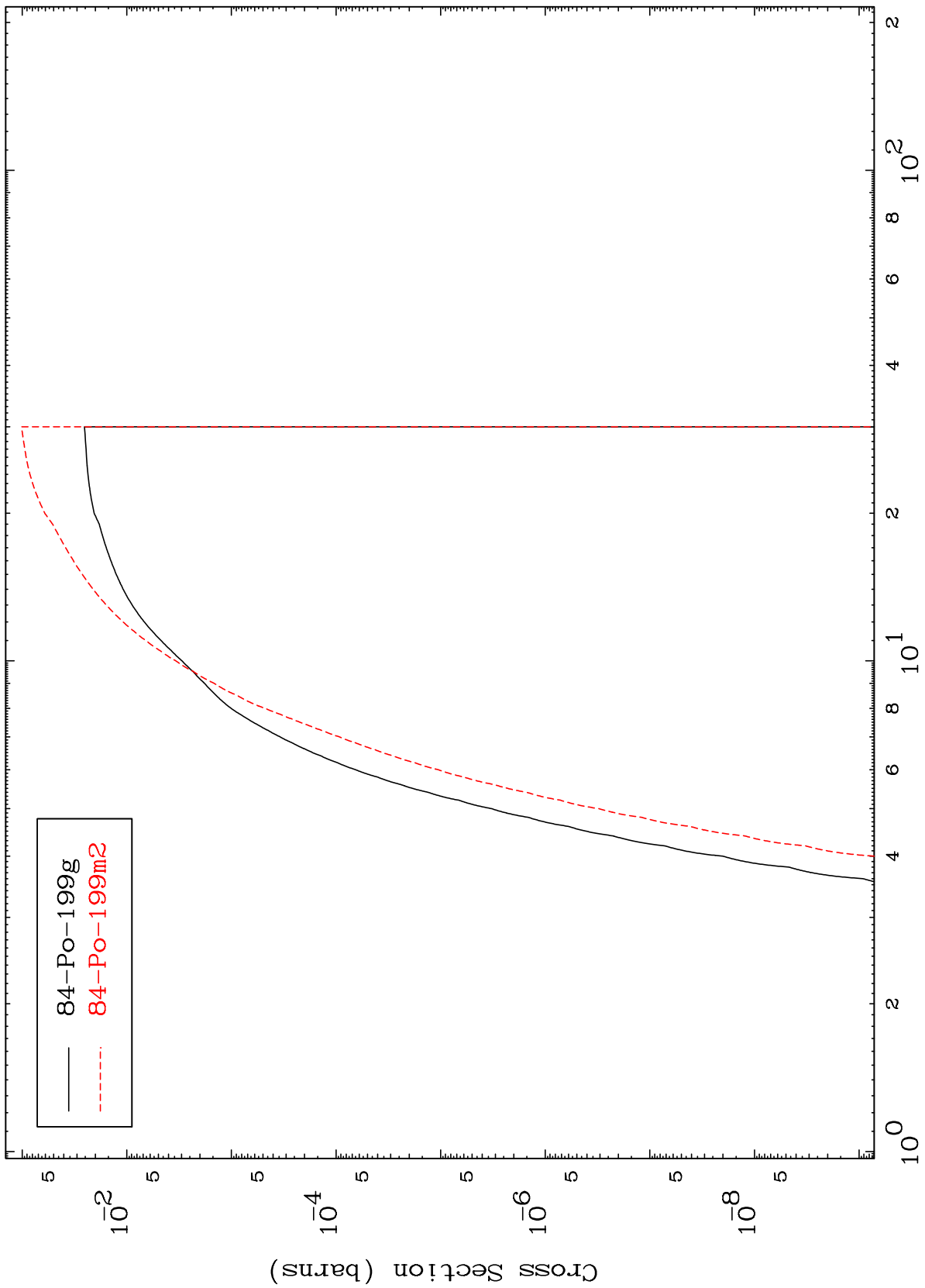
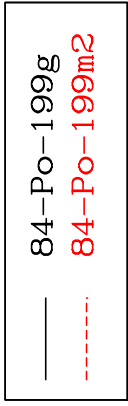
85-At-200

MAT 8516

(n,n') p

85-At-200

Radionuclide Production Cross Section



76

Incident Energy (MeV)

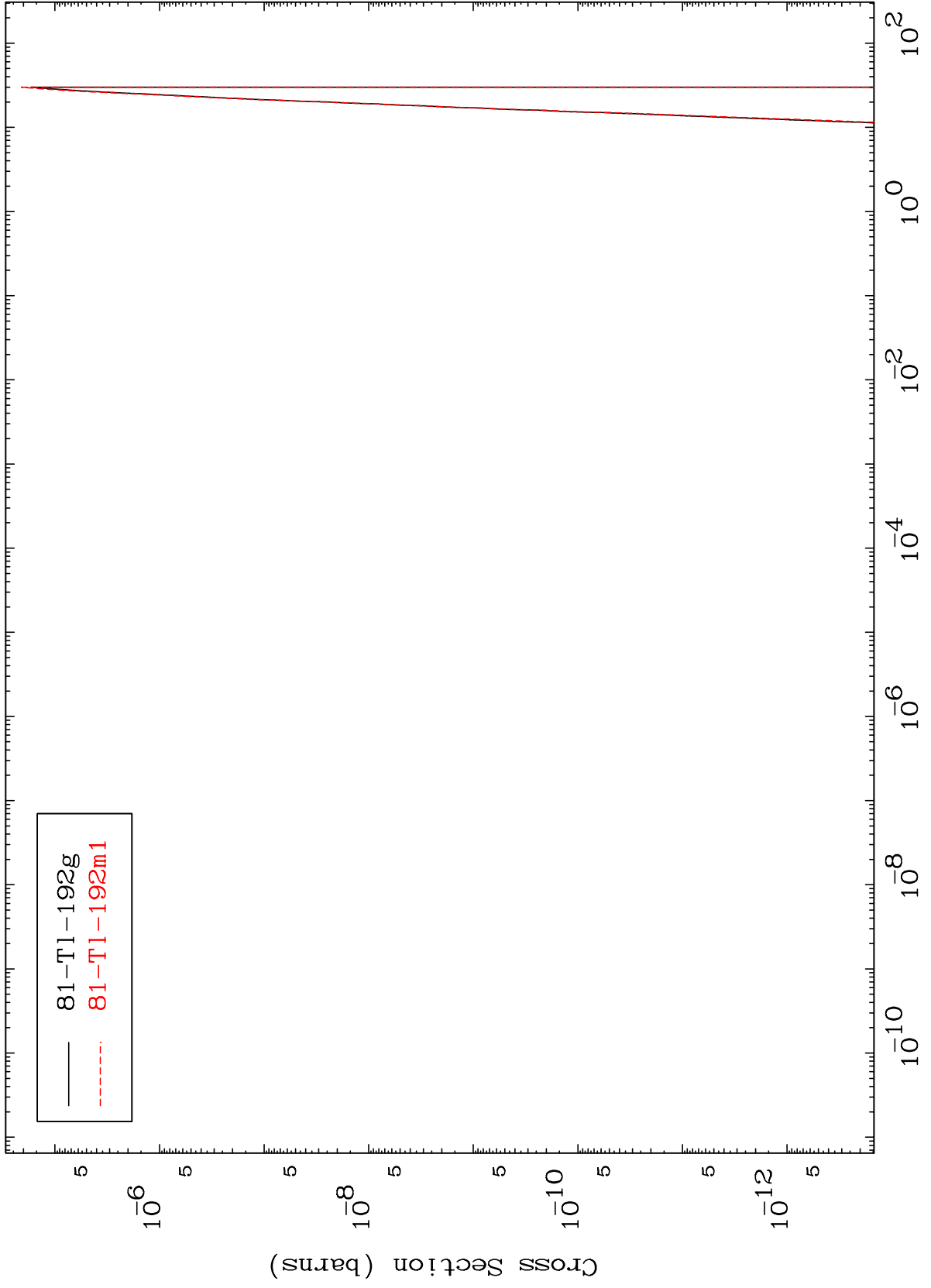
85-At-200

MAT 85116

(n,n') 2α

85-At-200

Radionuclide Production Cross Section



77

Incident Energy (MeV)

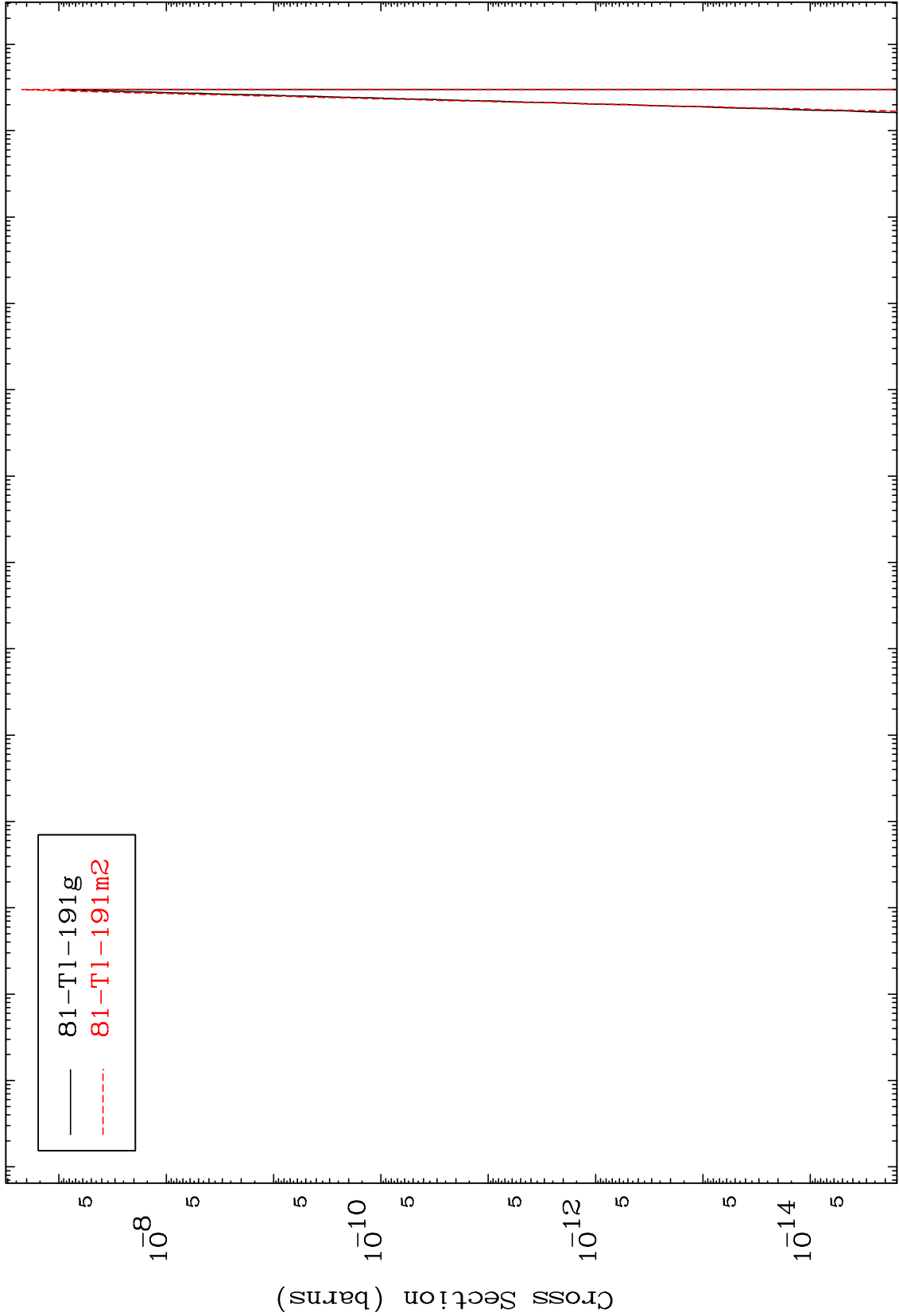
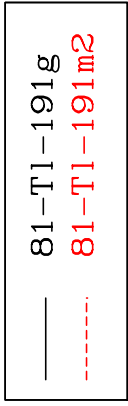
85-At-200

MAT 8516

(n,2n) 2α

85-At-200

Radionuclide Production Cross Section



78

Incident Energy (MeV)

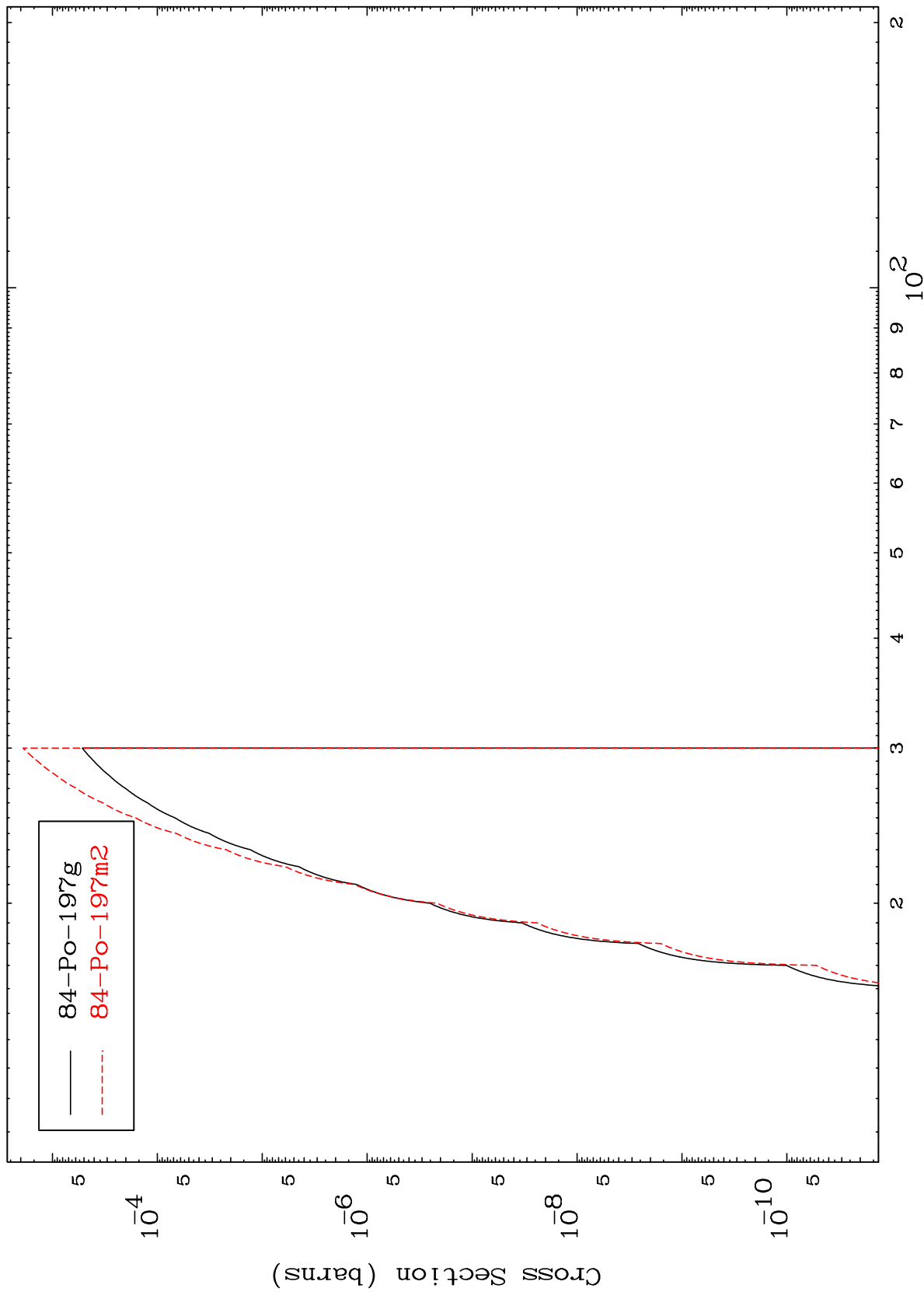
85-At-200

MAT 8516

(n,n') t

85-At-200

Radionuclide Production Cross Section



79

Incident Energy (MeV)

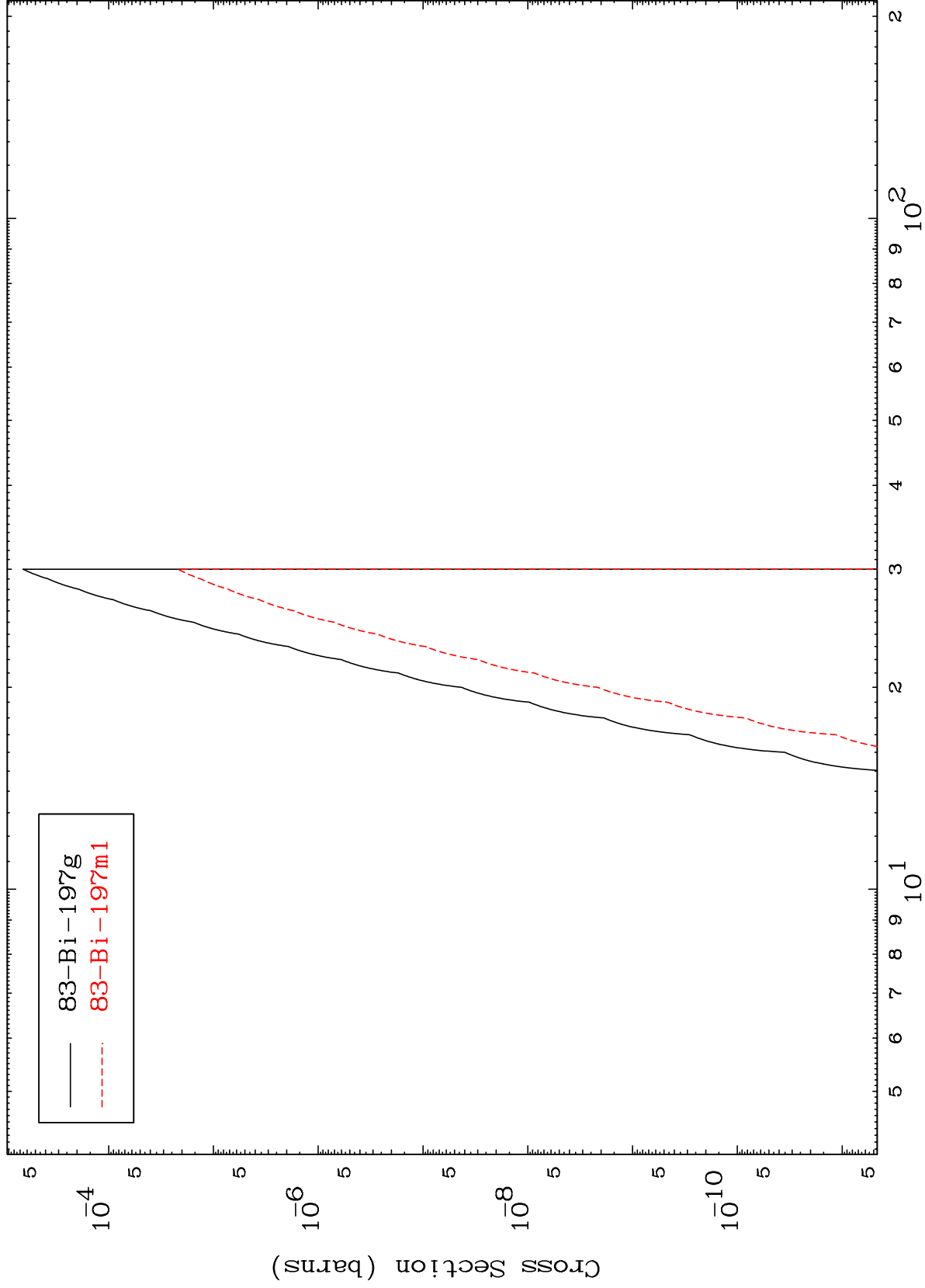
85-At-200

MAT 8516

(n,n') He-3

85-At-200

Radionuclide Production Cross Section



80

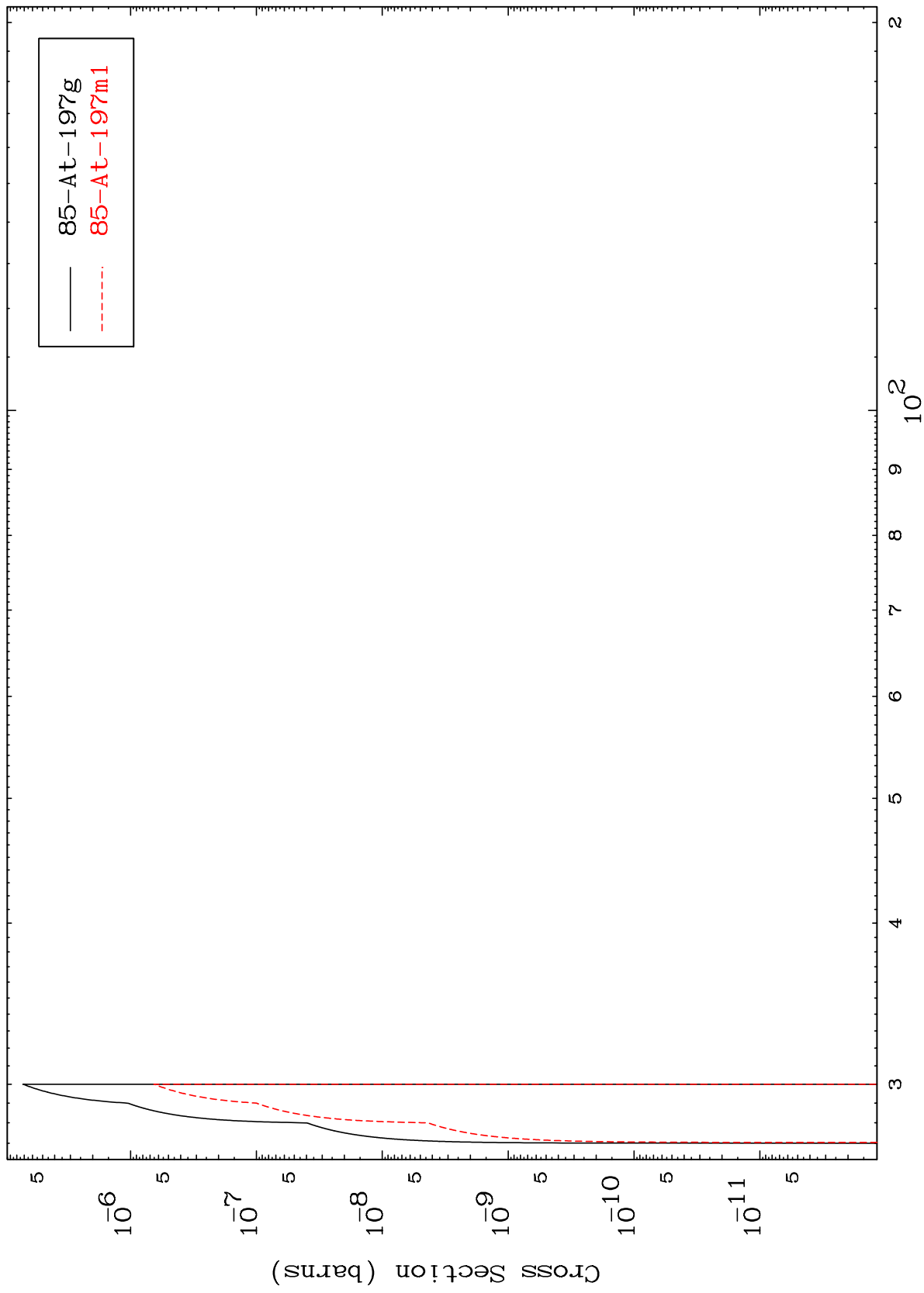
Incident Energy (MeV)

85-At-200

MAT 8516

85-At-200

(n,4n)
Radionuclide Production Cross Section



81

85-At-200

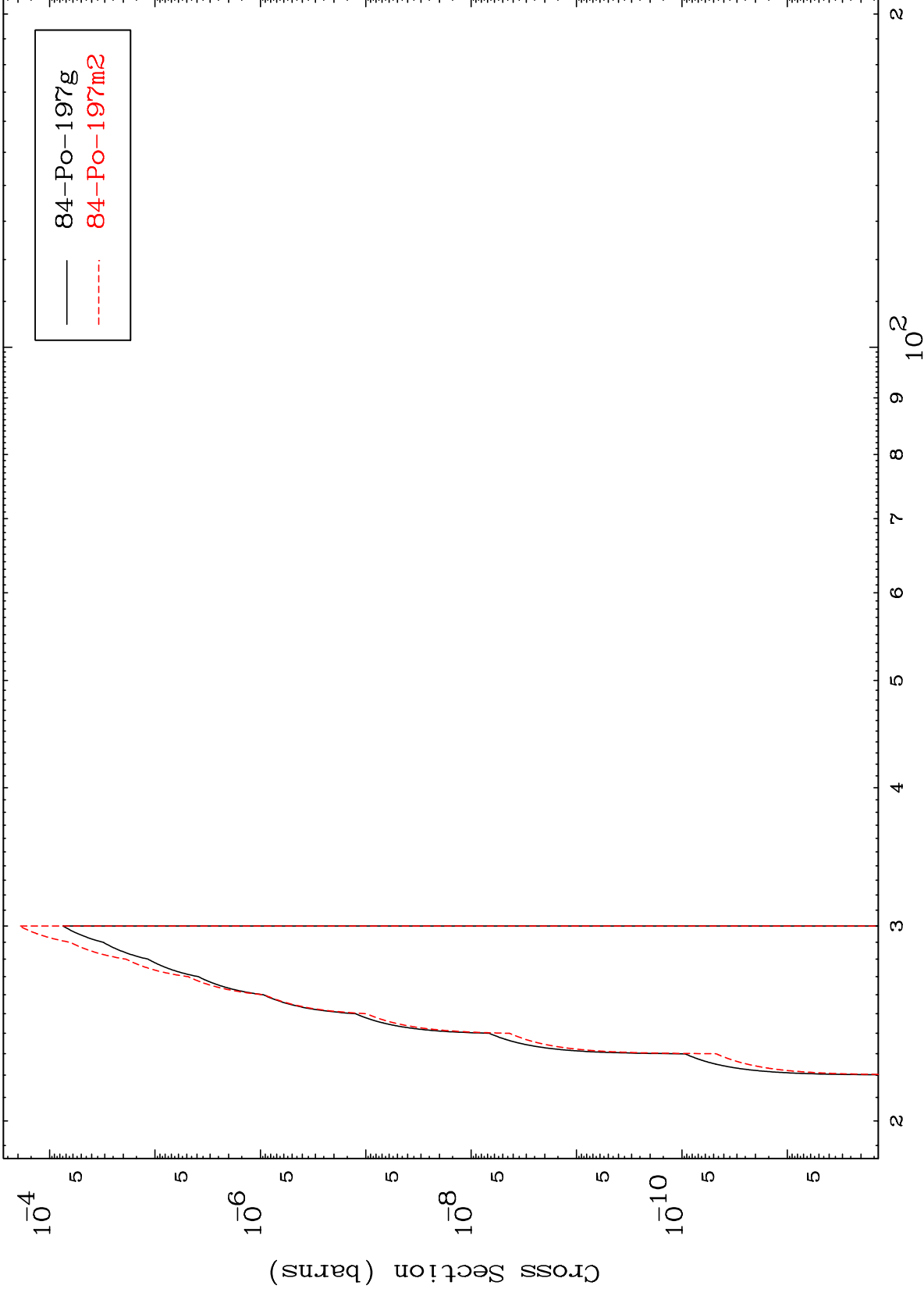
Incident Energy (MeV)

MAT 85116

(n,3n) p

85-At-200

Radionuclide Production Cross Section



84-Po-197g
84-Po-197m2

82

Incident Energy (MeV)

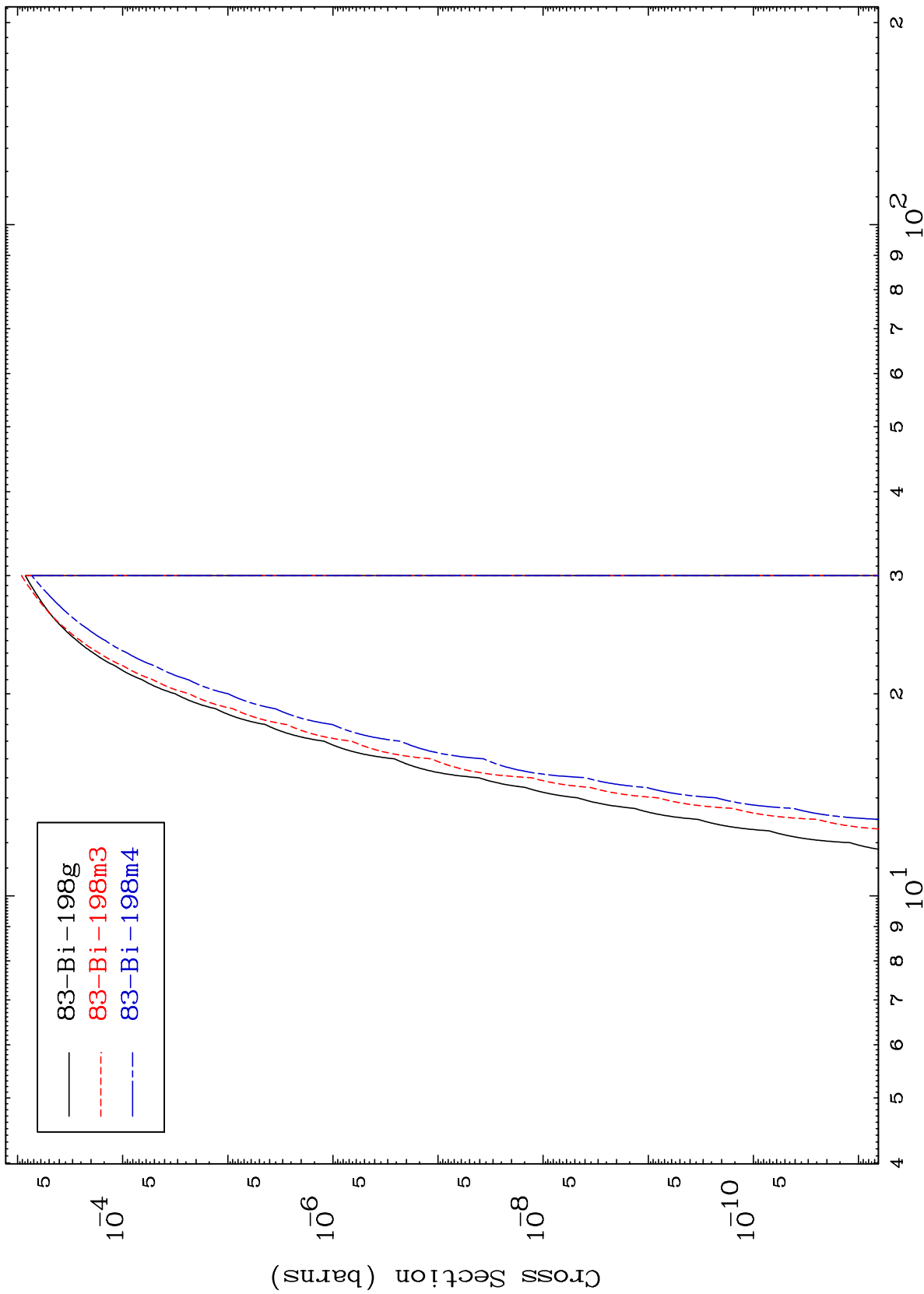
85-At-200

MAT 8516

(n,2n) p

85-At-200

Radionuclide Production Cross Section



83

Incident Energy (MeV)

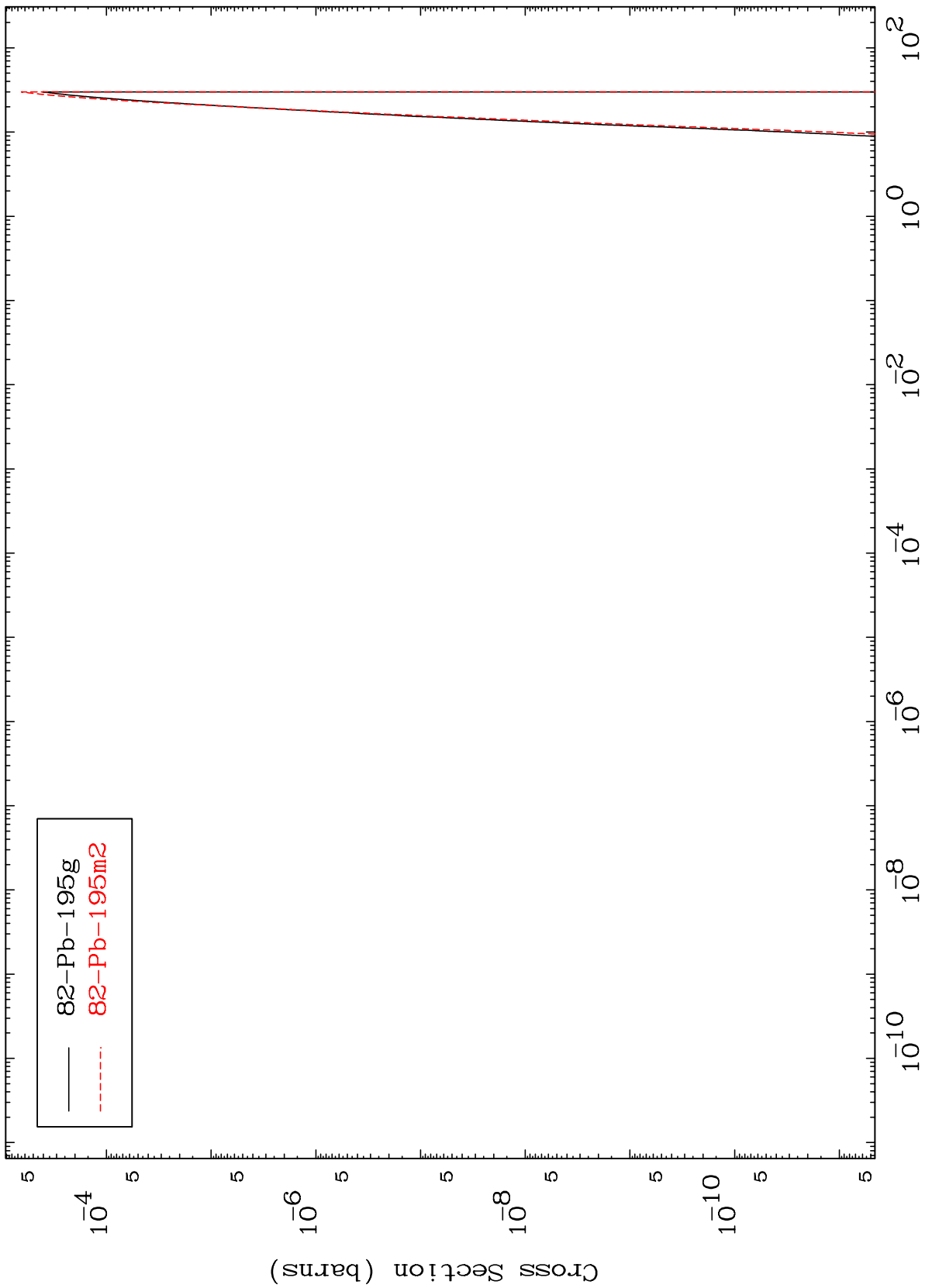
85-At-200

MAT 8516

(n,n') p α

85-At-200

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2

84

Incident Energy (MeV)

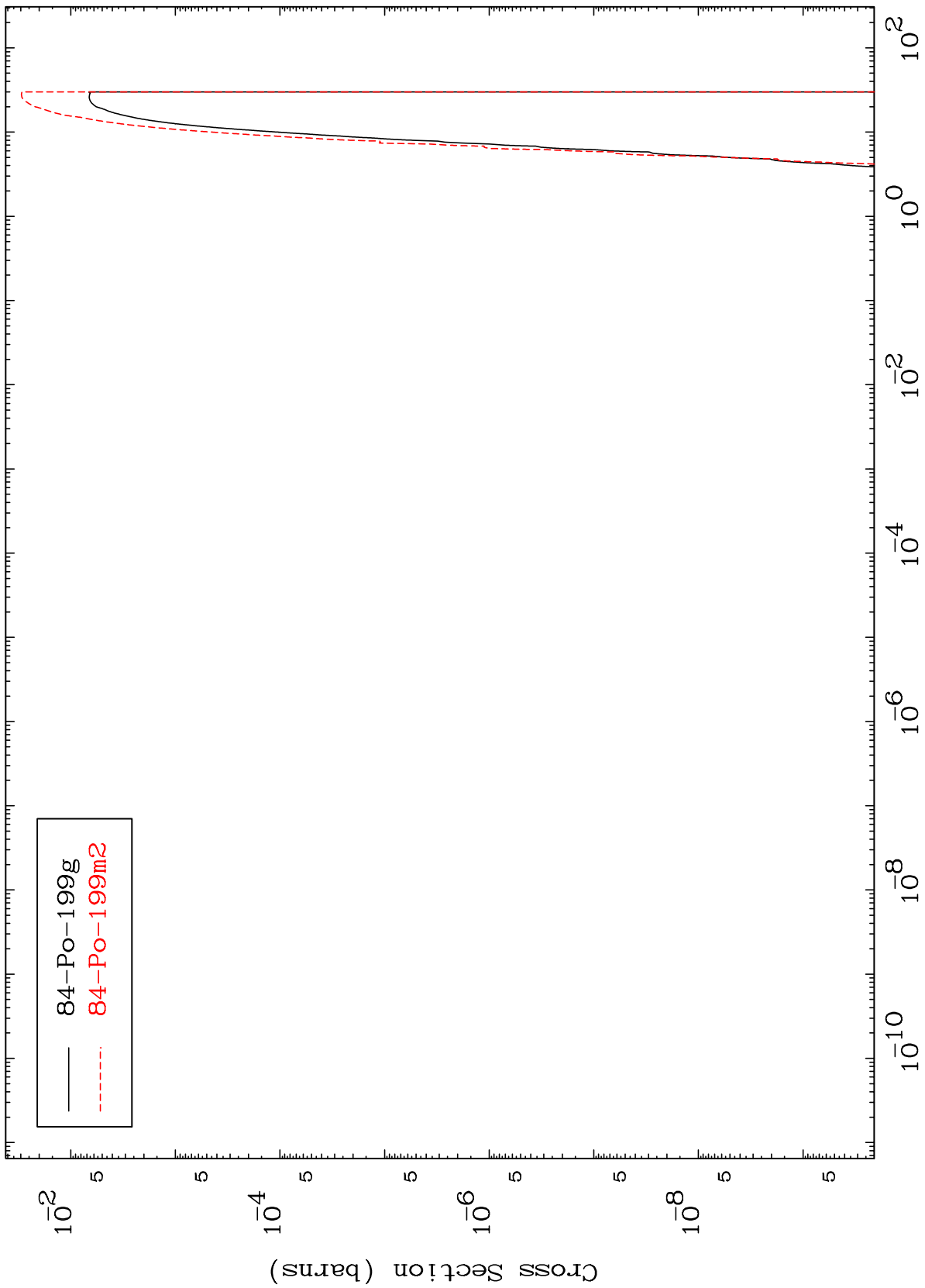
85-At-200

MAT 85116

(n,d)

85-At-200

Radionuclide Production Cross Section



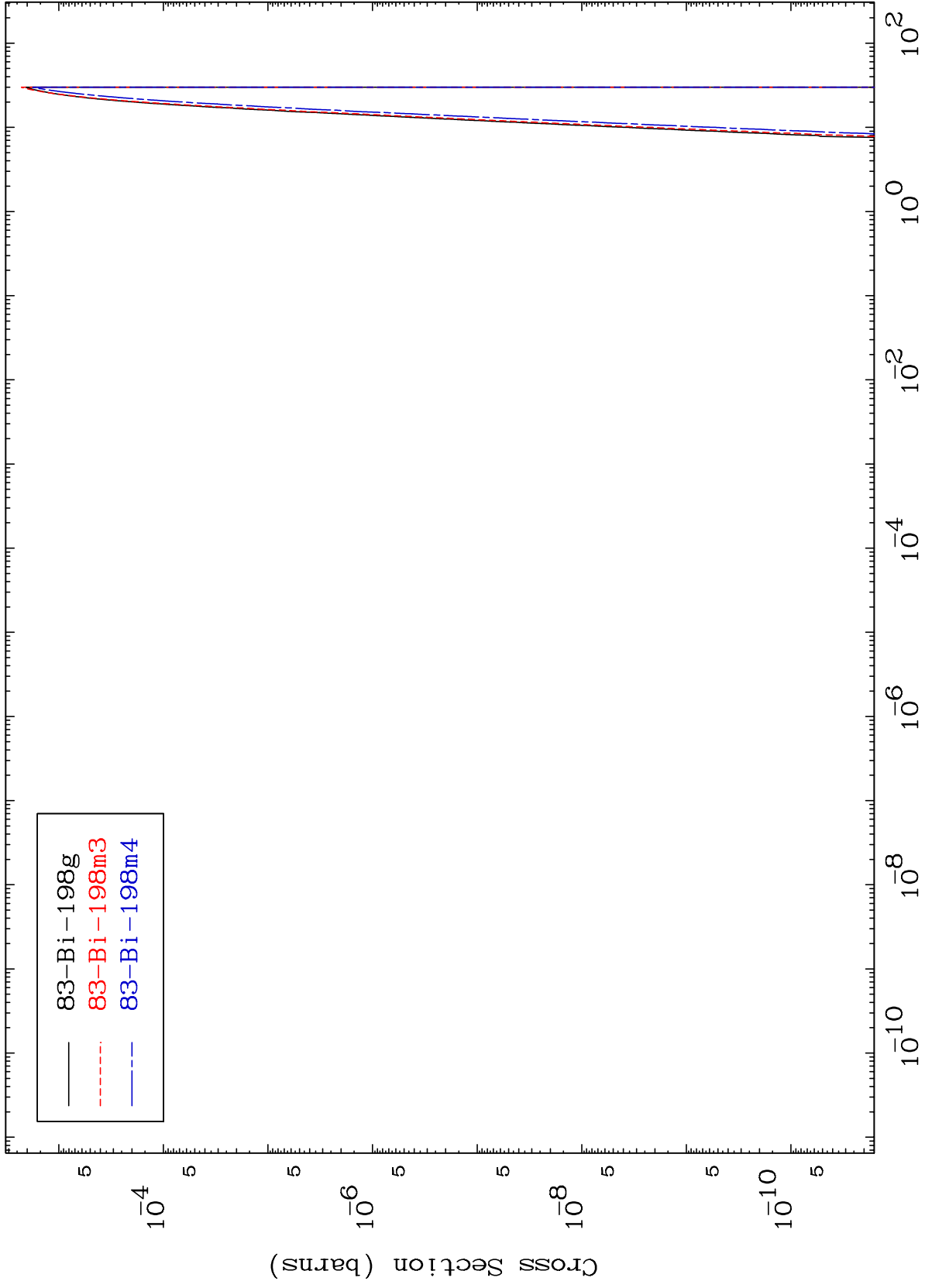
— 84-Po-199g
- - - 84-Po-199m2

85

Incident Energy (MeV)

85-At-200

Radionuclide Production Cross Section

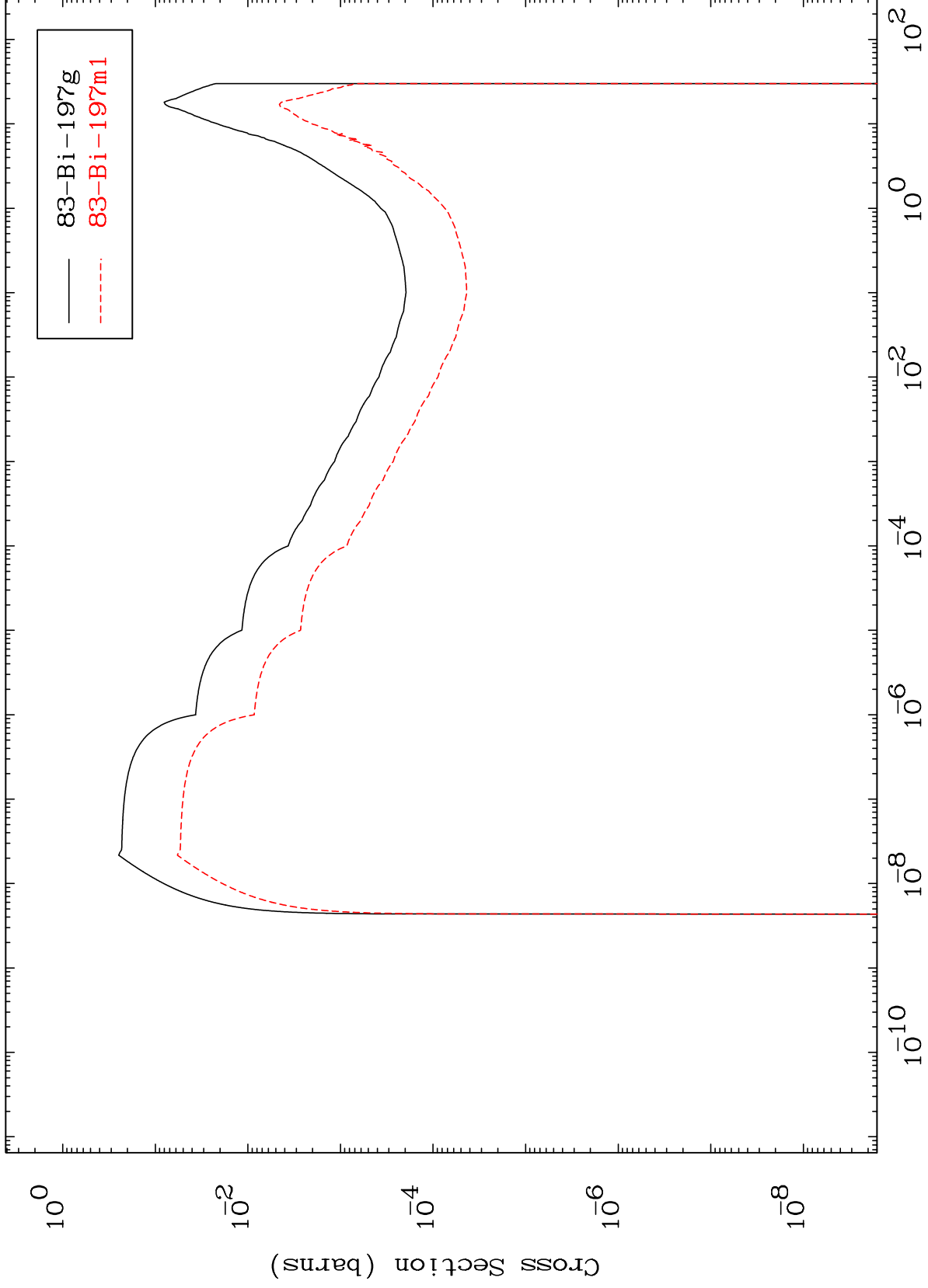


83-Bi-198g
83-Bi-198m3
83-Bi-198m4

MAT 8516

85-At-200

(n, α)
Radionuclide Production Cross Section



87

85-At-200

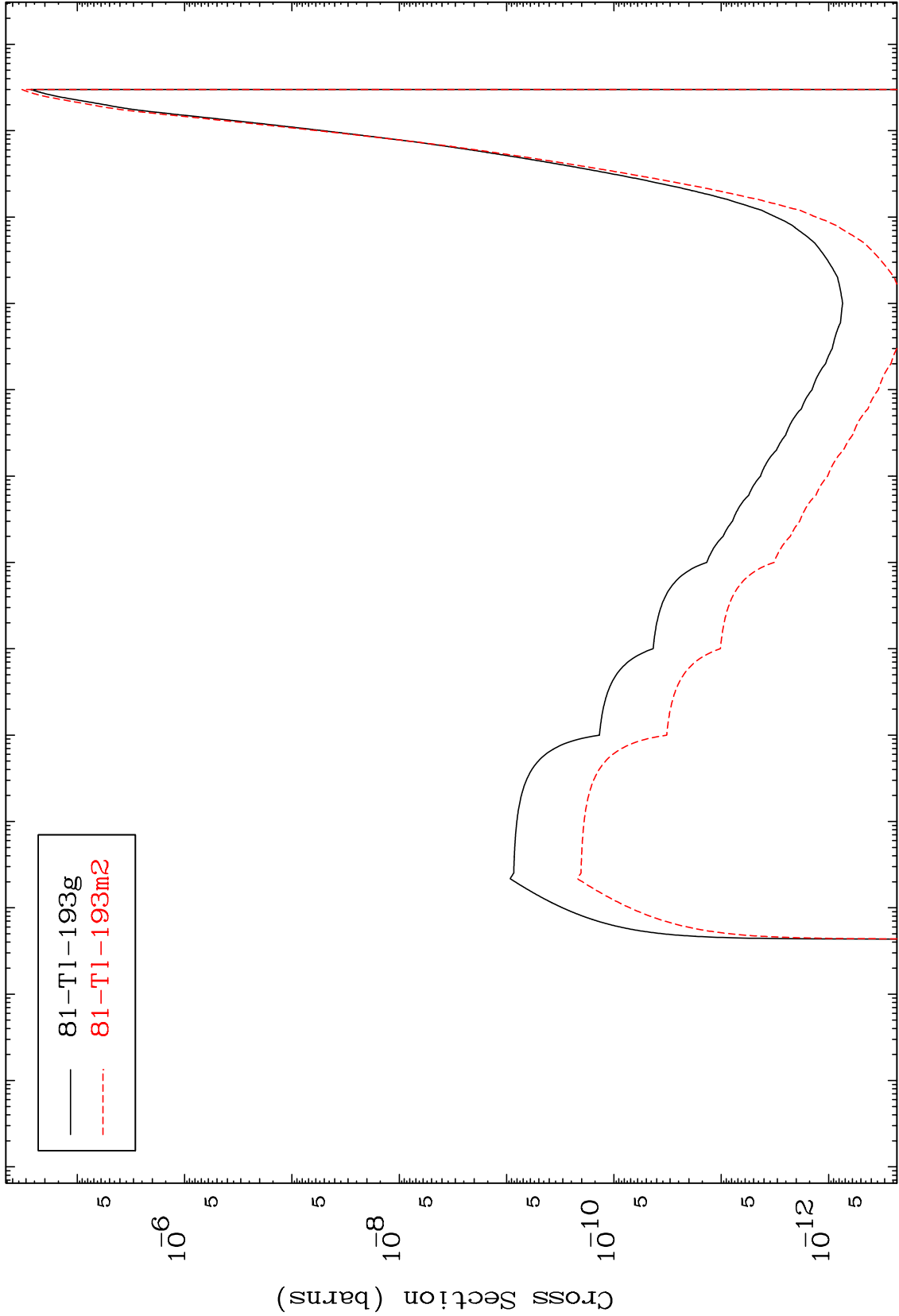
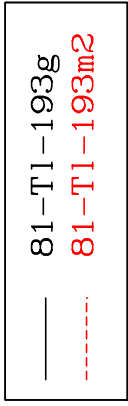
Incident Energy (MeV)

MAT 8516

(n,2α)

85-At-200

Radionuclide Production Cross Section



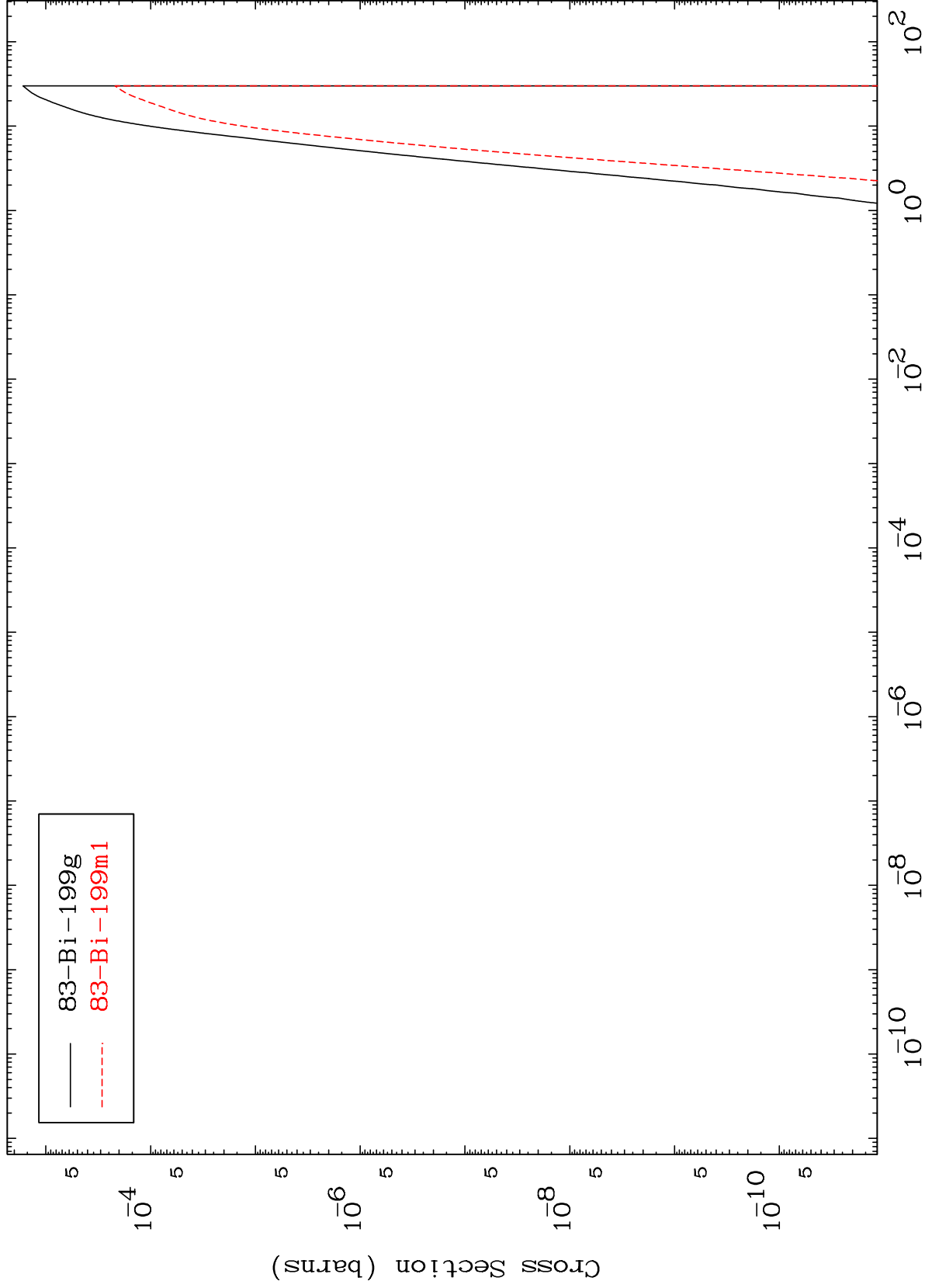
85-At-200

Incident Energy (MeV)

MAT 8516

85-At-200

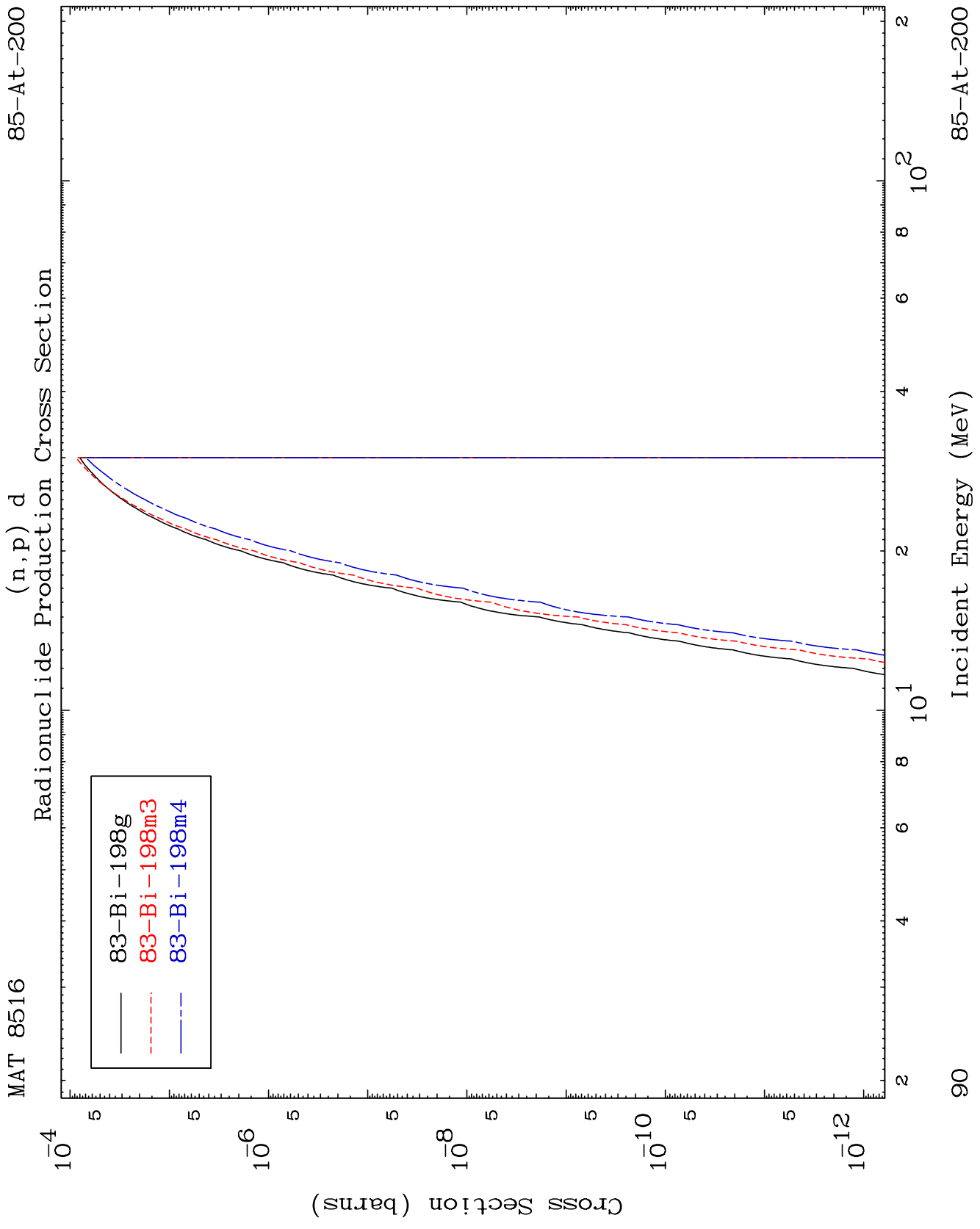
(n,2p)
Radionuclide Production Cross Section



89

85-At-200

Incident Energy (MeV)

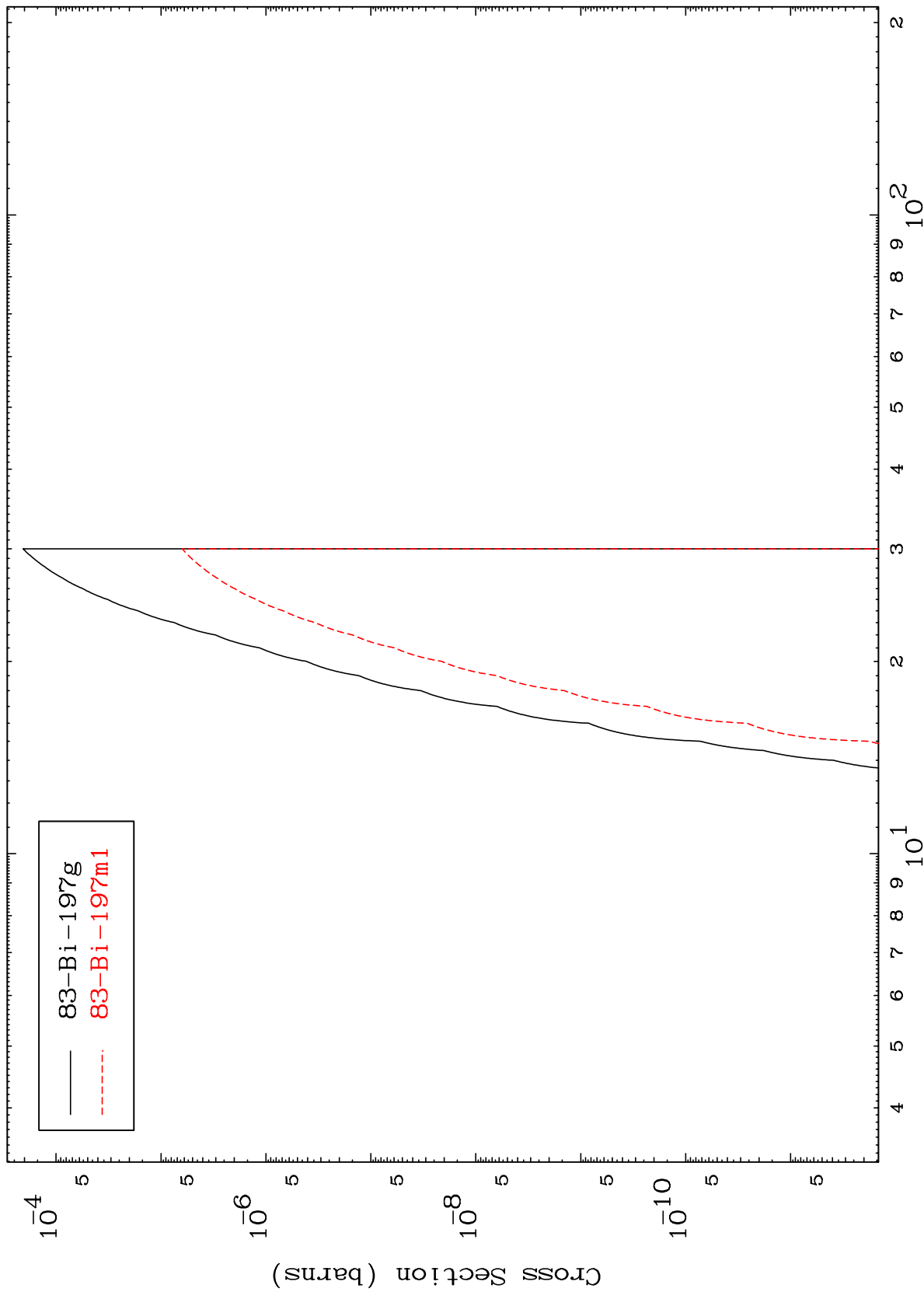


MAT 8516

(n,p) t

85-At-200

Radionuclide Production Cross Section



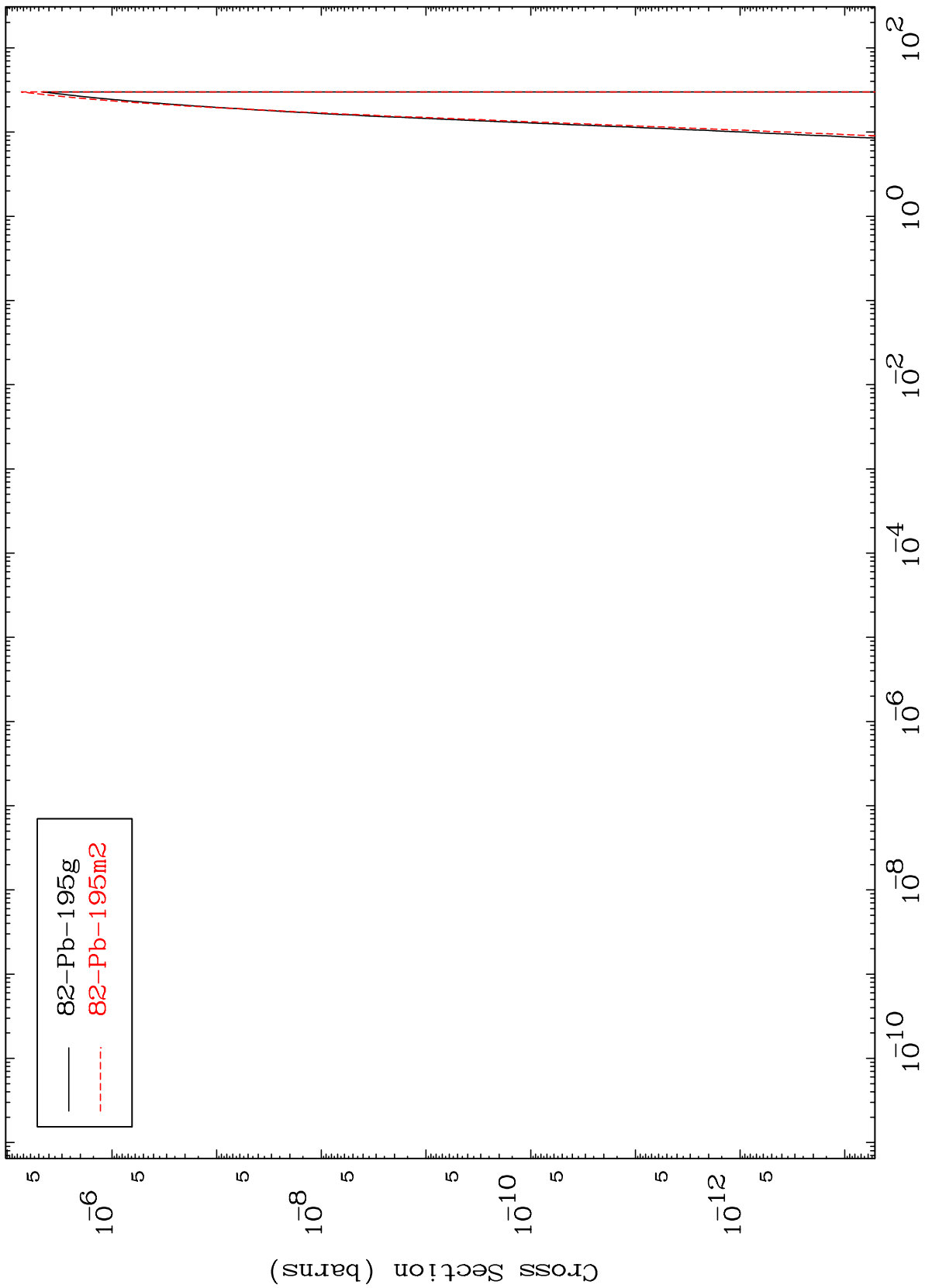
83-Bi-197g
83-Bi-197m1

MAT 8516

(n,d) α

85-At-200

Radionuclide Production Cross Section



92

Incident Energy (MeV)

85-At-200