

Program EVALPLOT
(Version 2015-2)

by

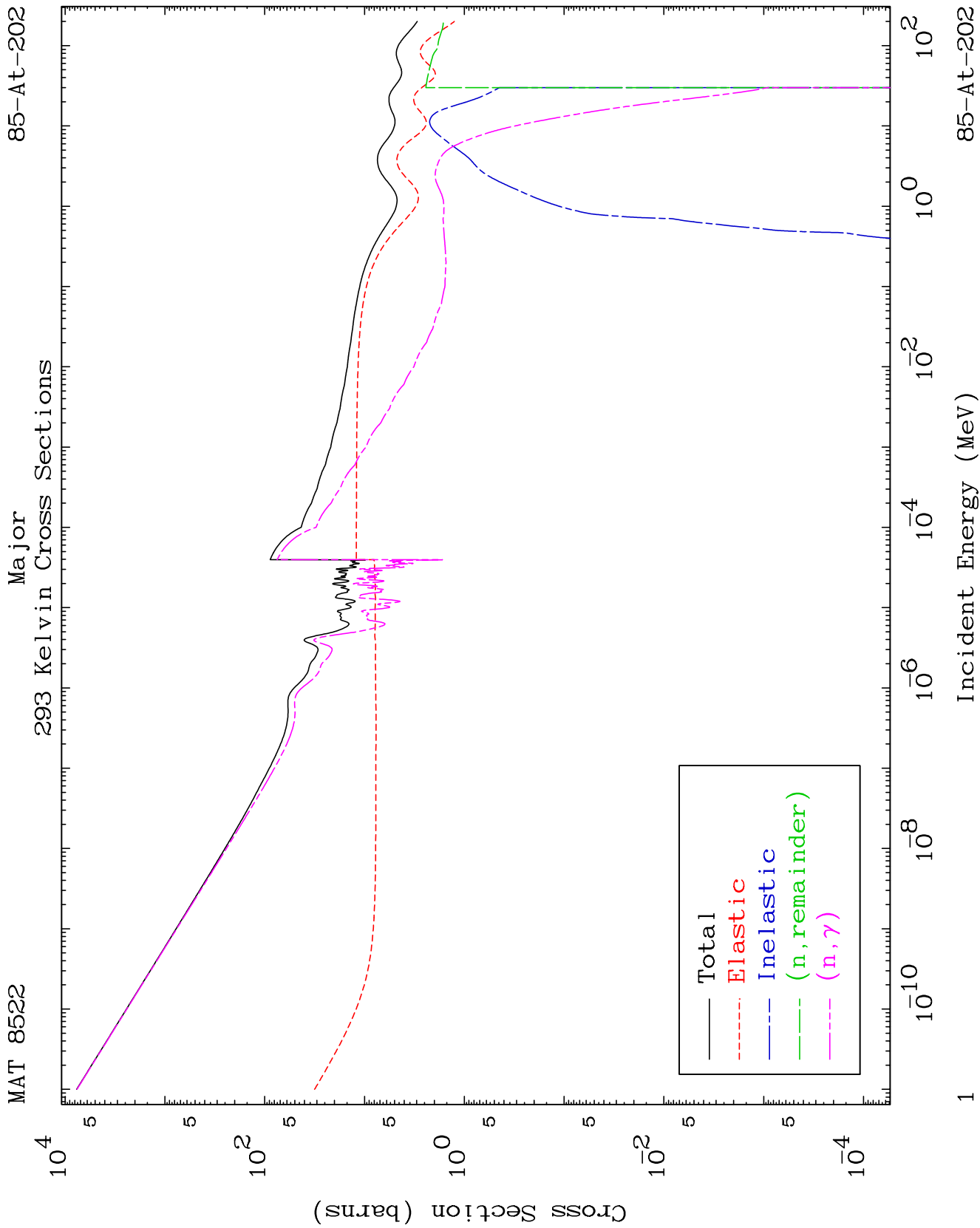
Dermott E. Cullen
(Present Contact Information)

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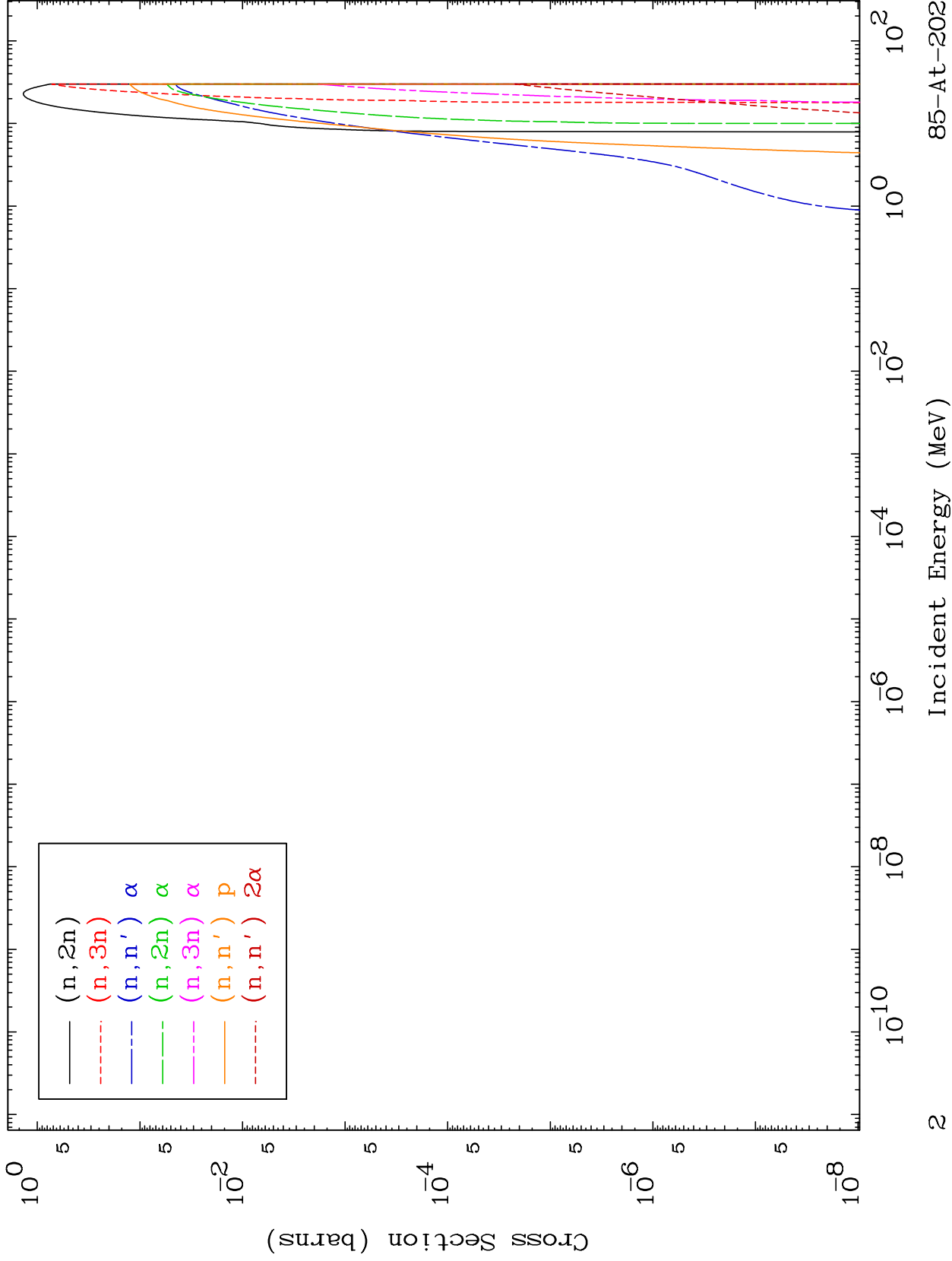
Press Mouse Button to Start



MAT 8522

Neutron Production
293 Kelvin Cross Sections

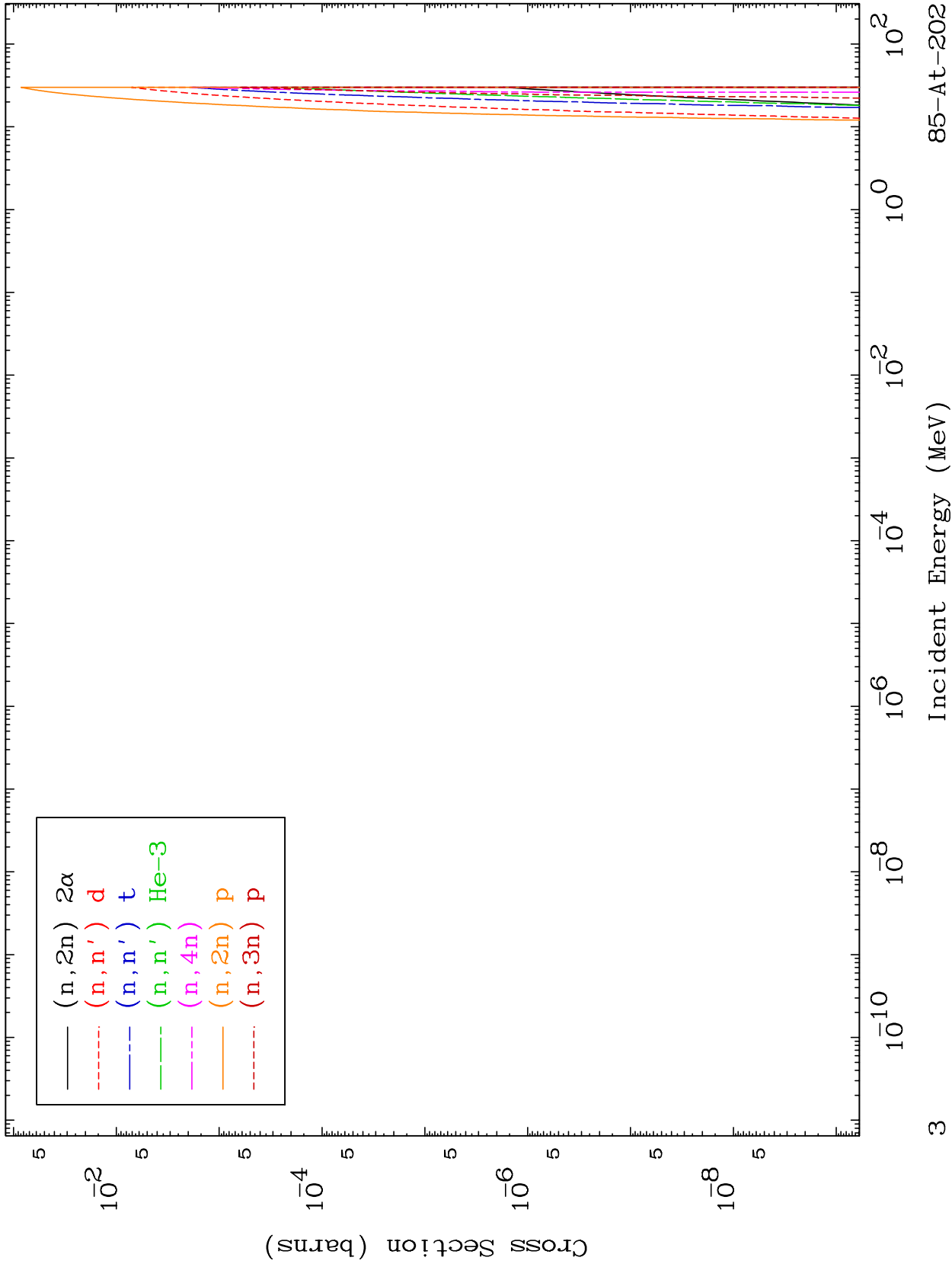
85-At-202



MAT 8522

Neutron Production
293 Kelvin Cross Sections

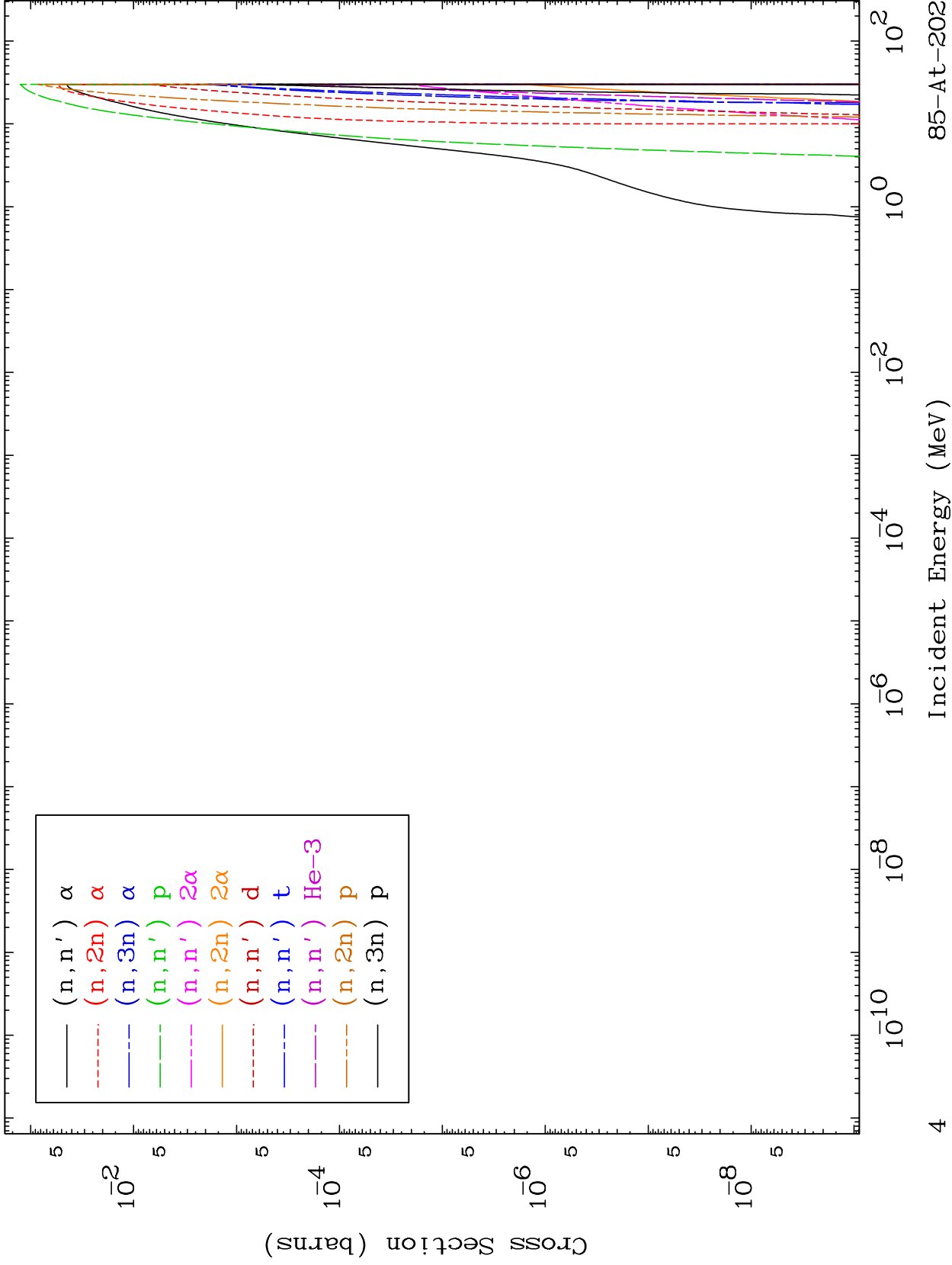
85-At-202

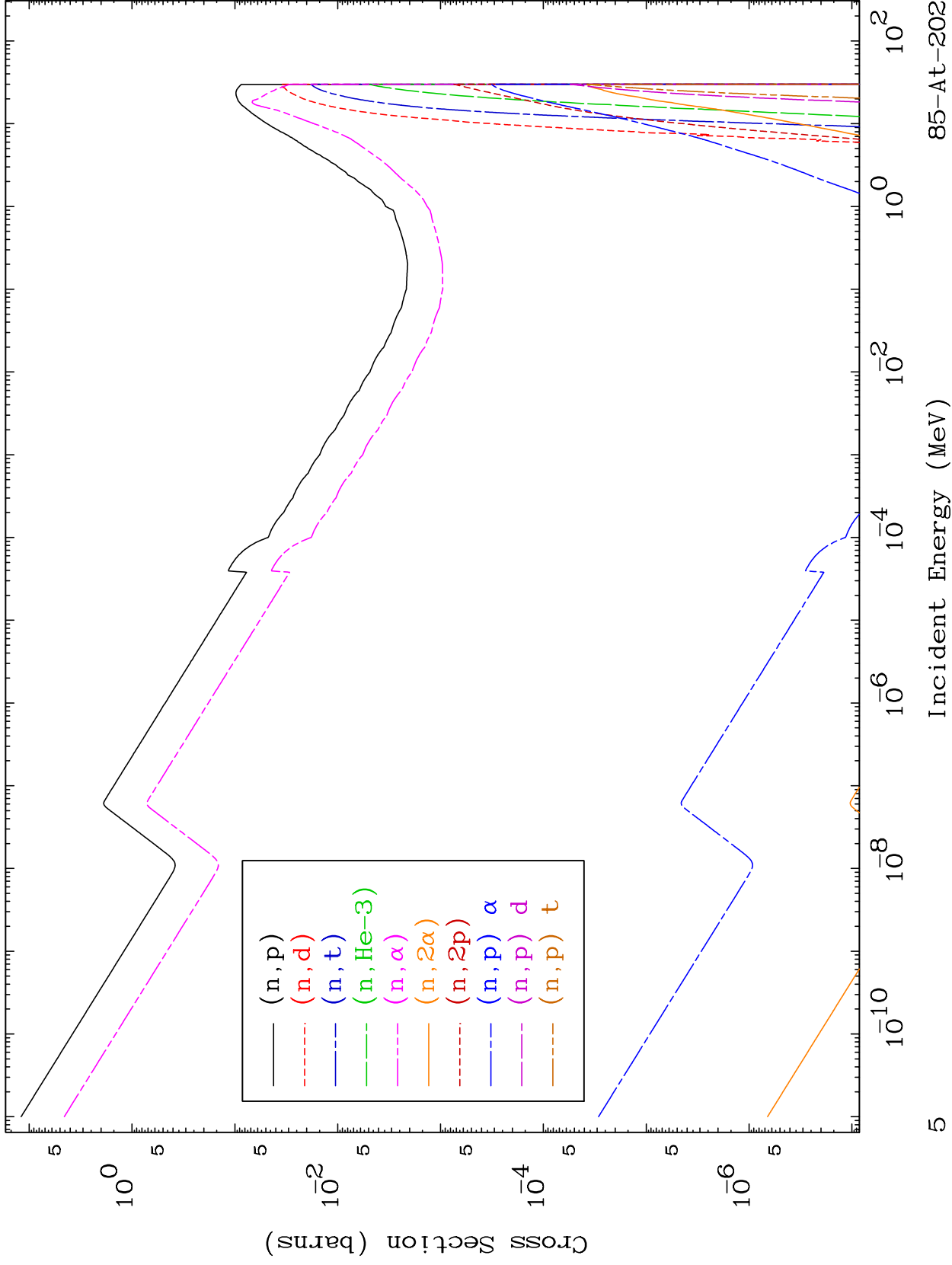


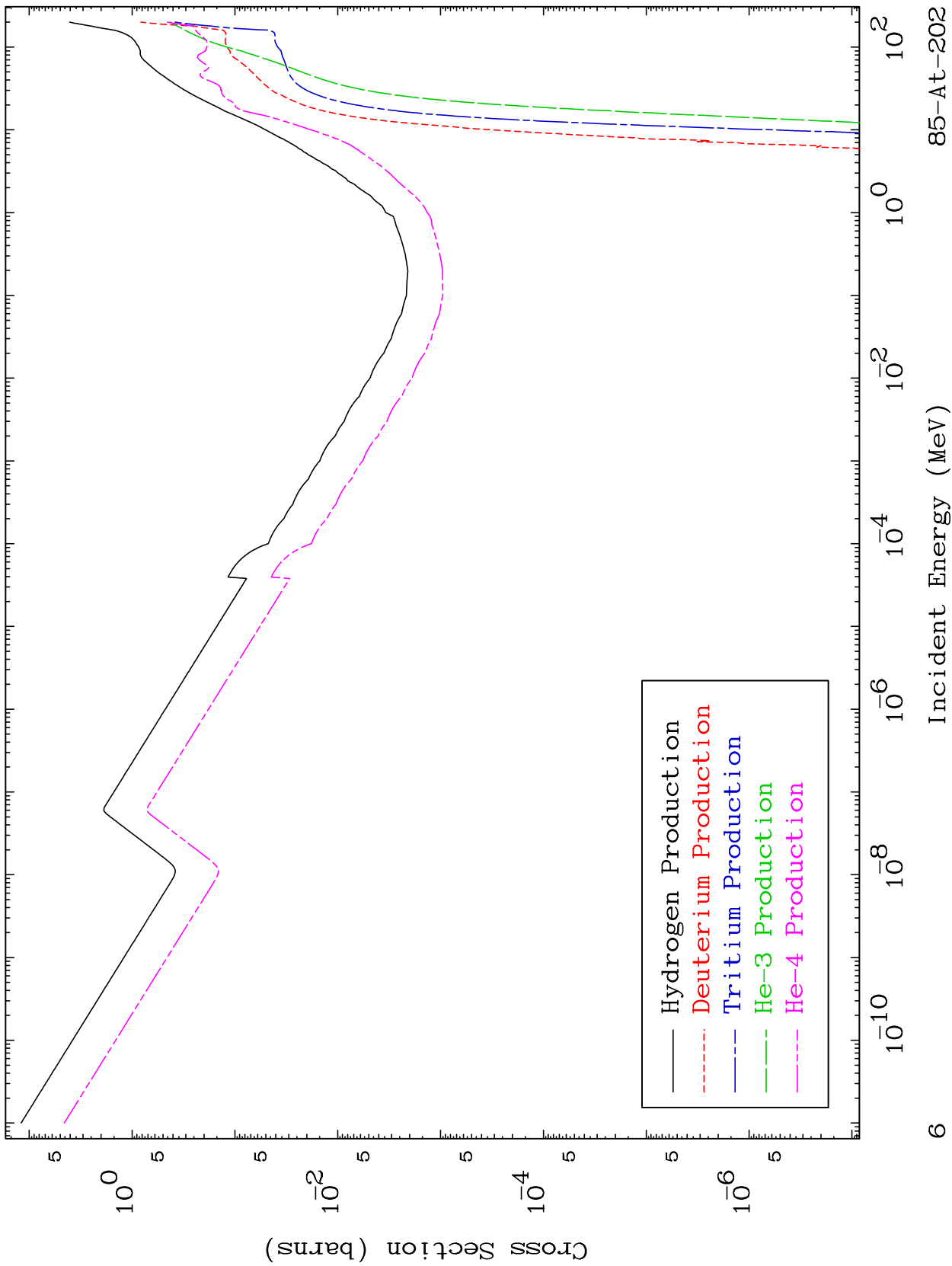
MAT 85222

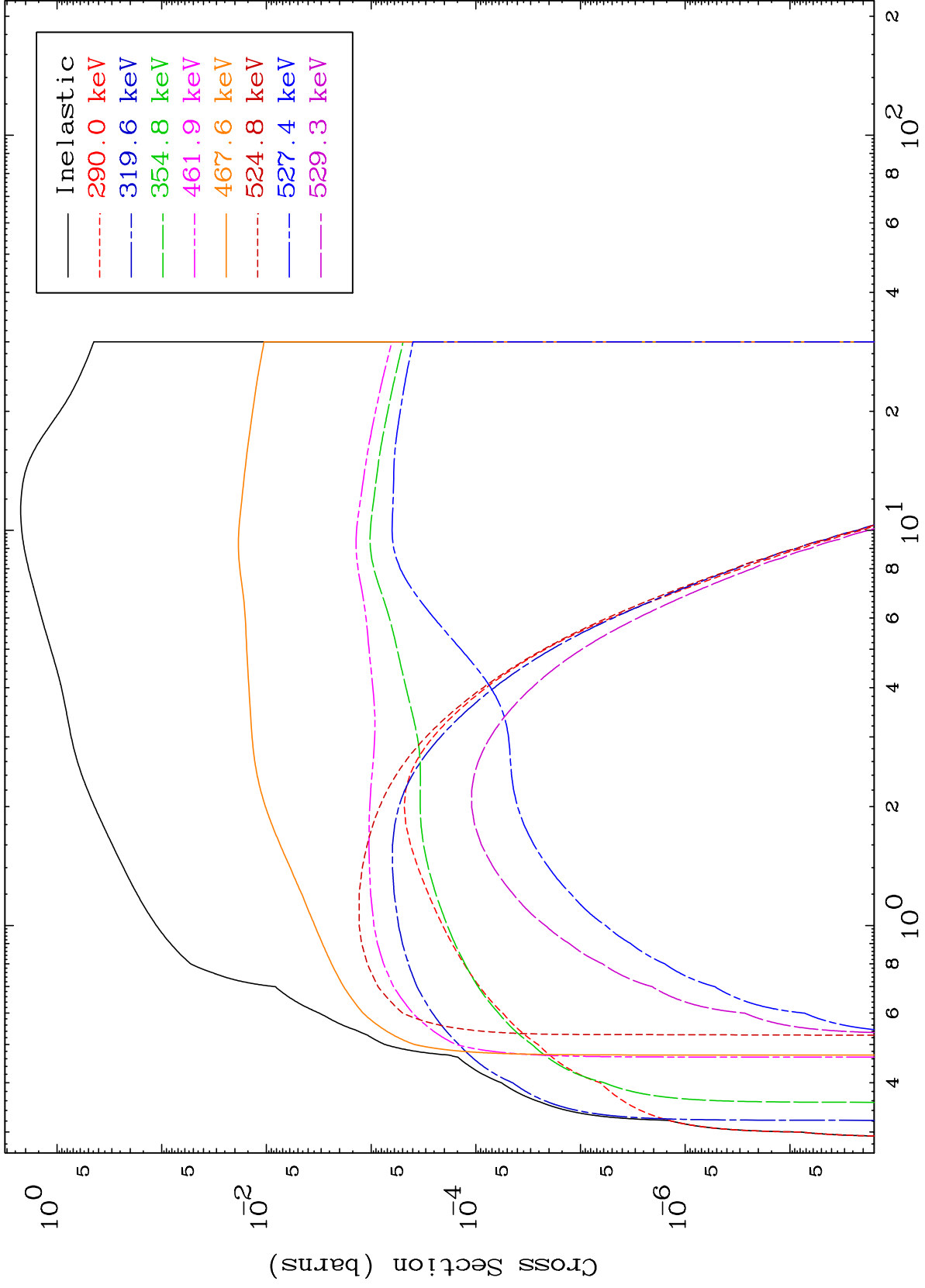
Charged Particle
293 Kelvin Cross Sections

85-At-202







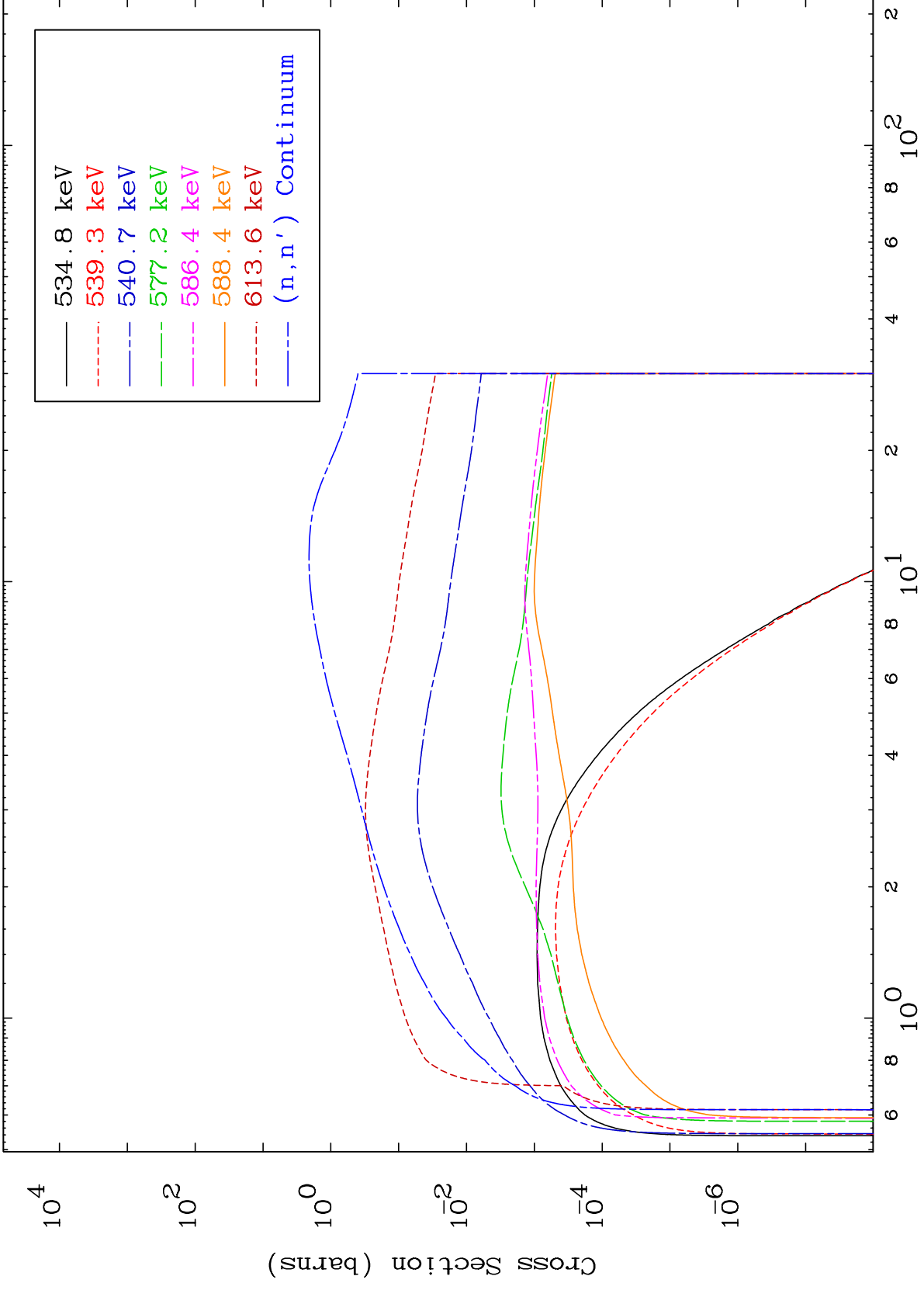


MAT 8522

(n,n') Level

85-At-202

293 Kelvin Cross Sections



8

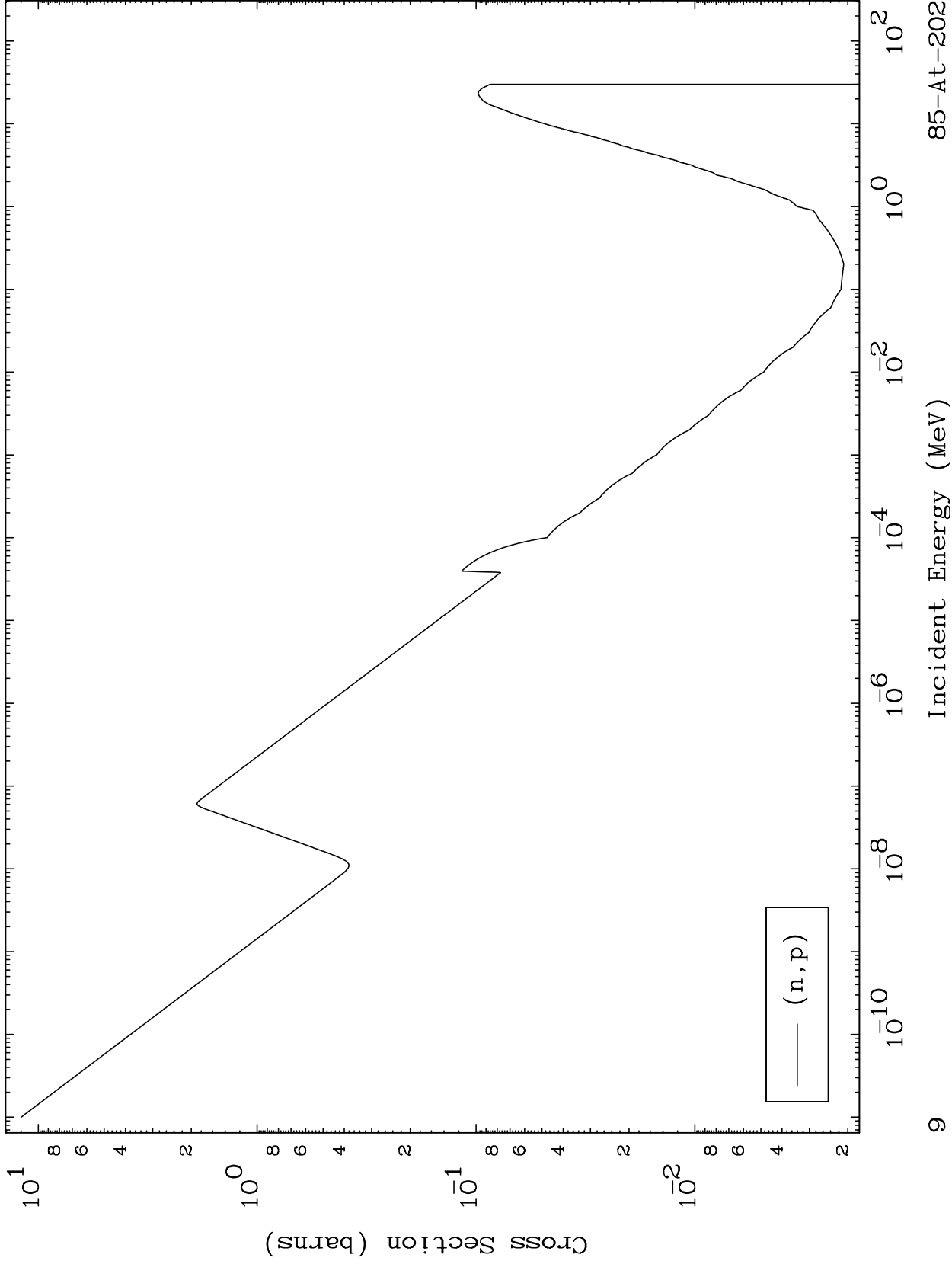
Incident Energy (MeV)

85-At-202

MAT 8522

(n,p) Levels
293 Kelvin Cross Sections

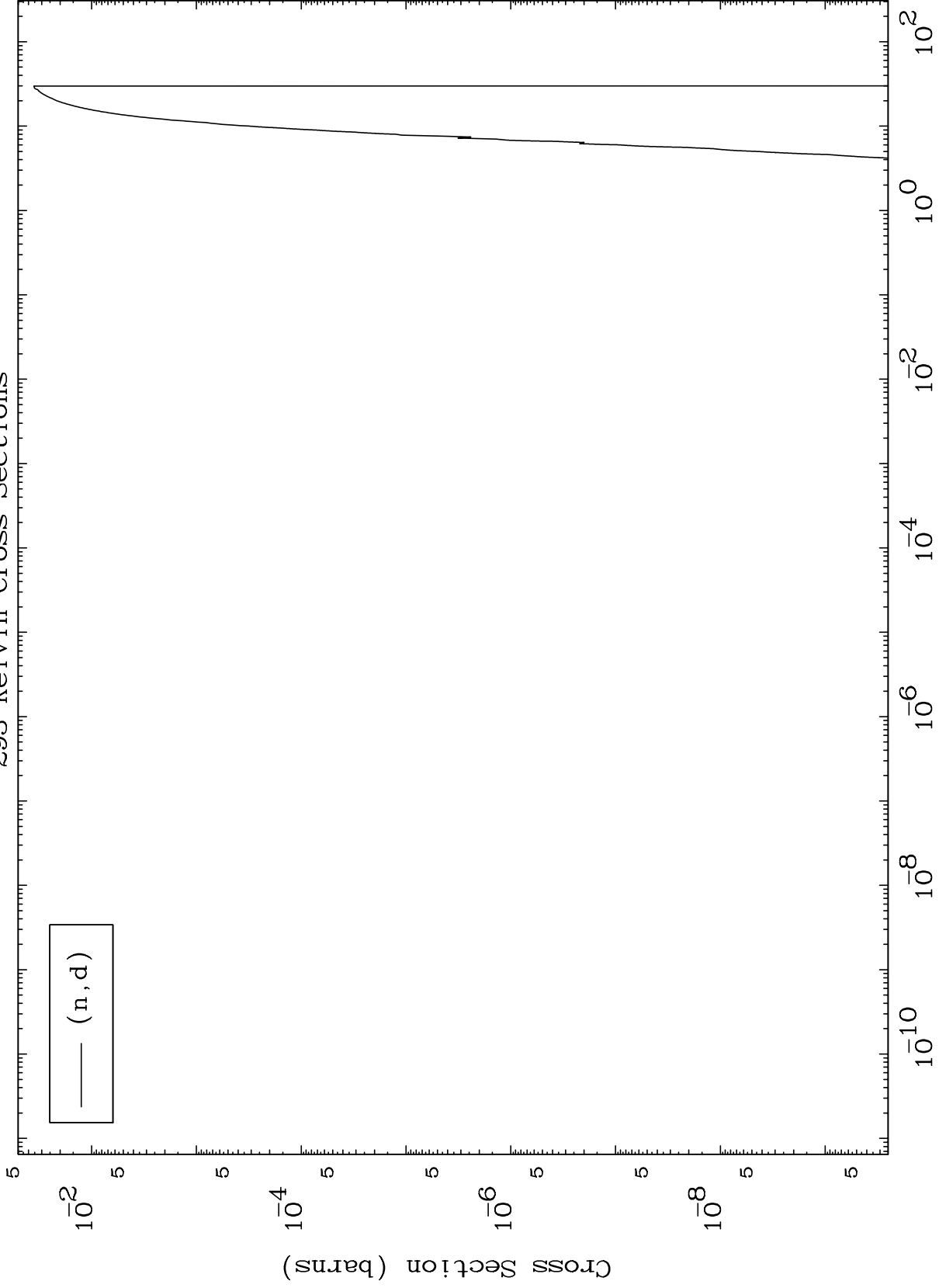
85-At-202



MAT 8522

(n,d) Levels
293 Kelvin Cross Sections

85-At-202



10

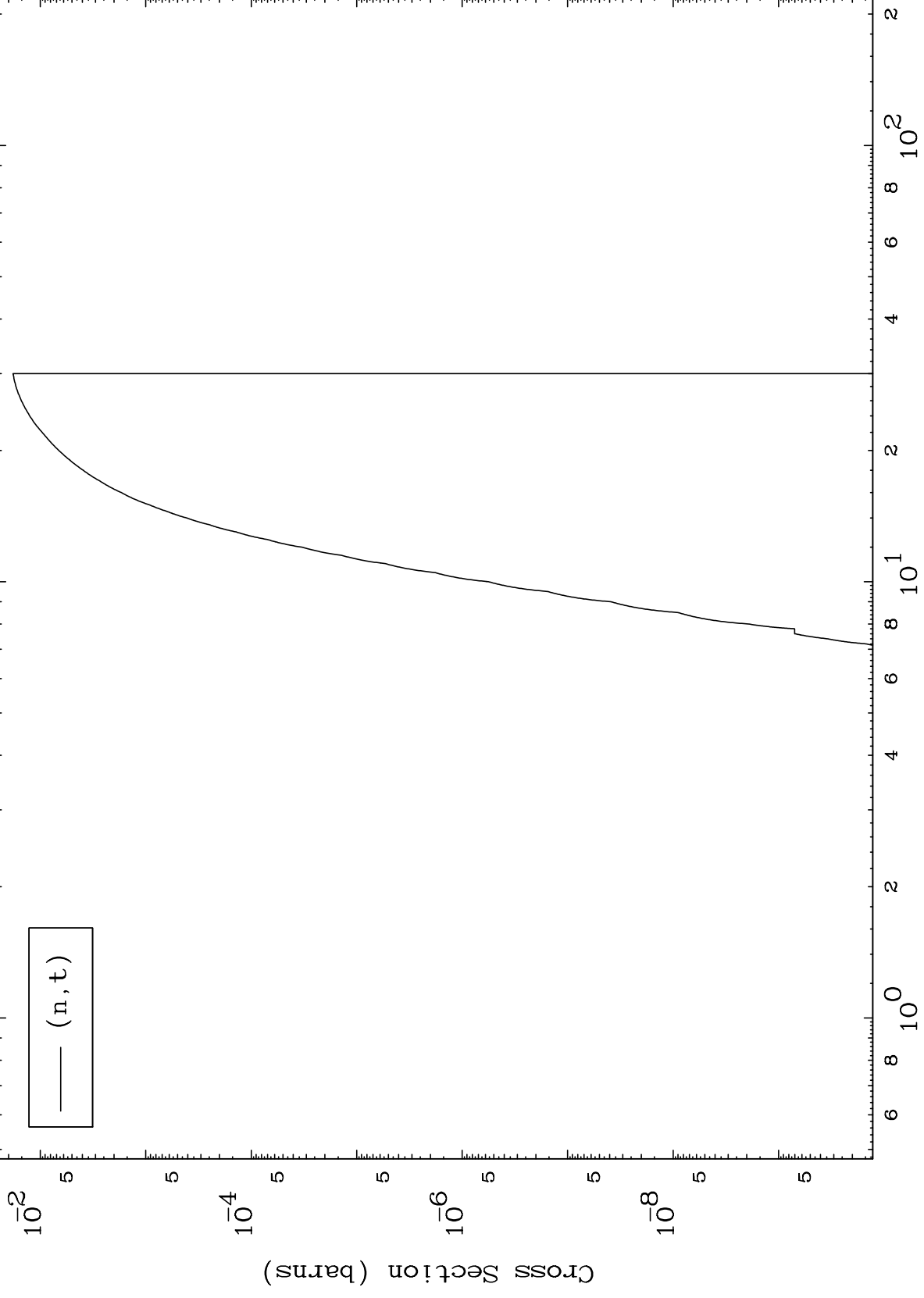
Incident Energy (MeV)

85-At-202

MAT 8522

(n,t) Levels
293 Kelvin Cross Sections

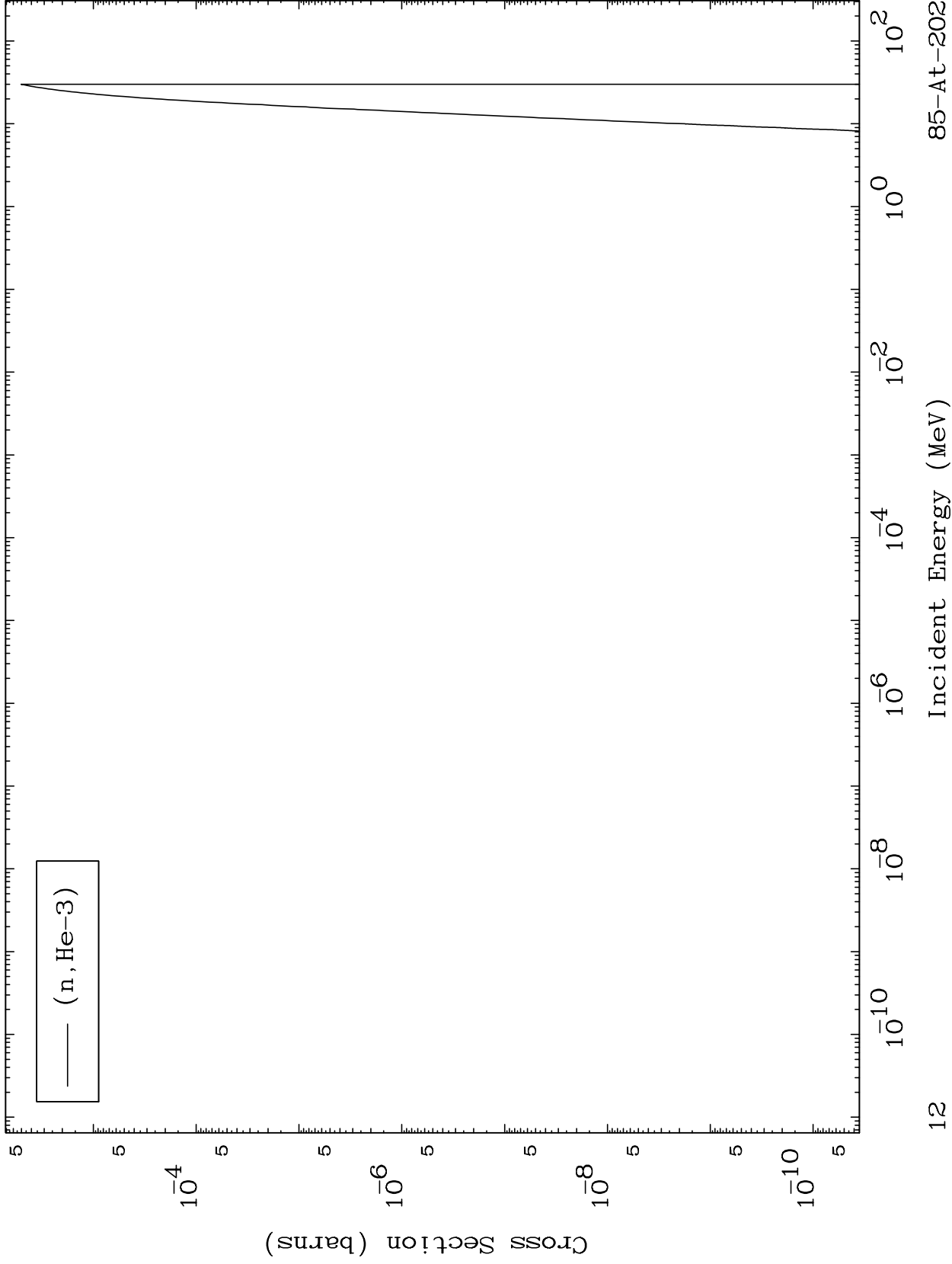
85-At-202



MAT 85222

(n,He3) Levels
293 Kelvin Cross Sections

85-At-202



12

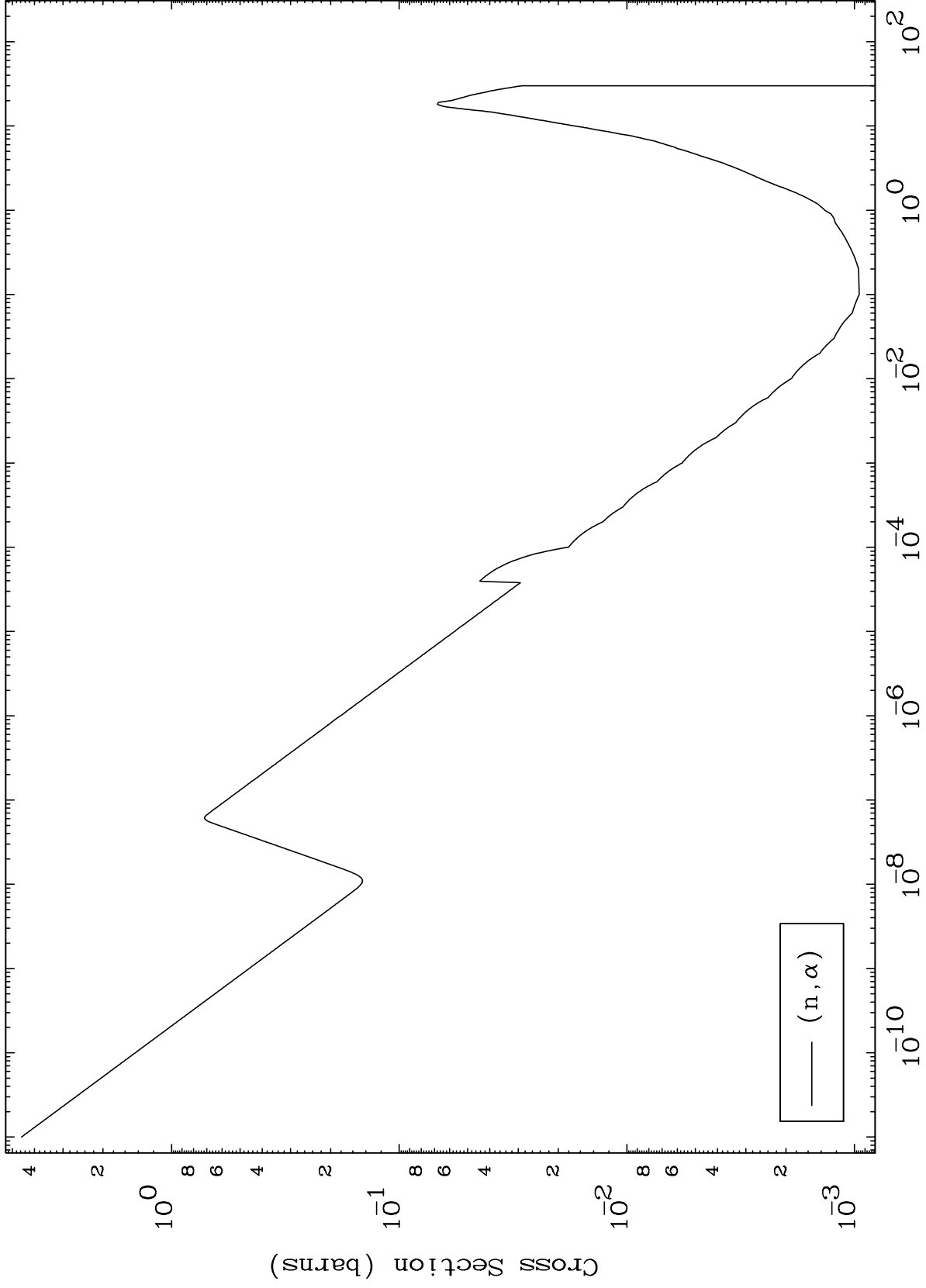
Incident Energy (MeV)

85-At-202

MAT 8522

(n,α) Levels
293 Kelvin Cross Sections

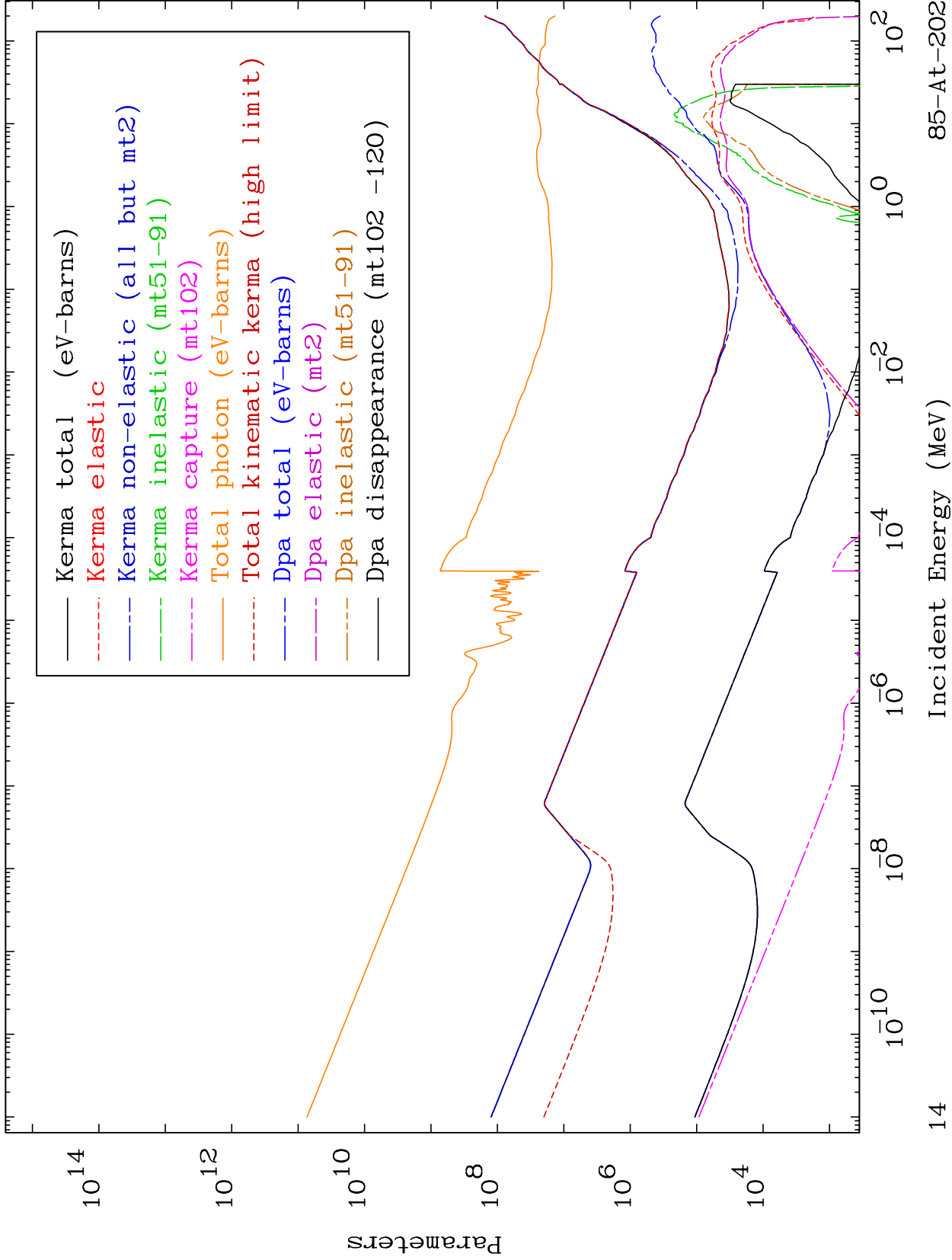
85-At-202



Incident Energy (MeV)

85-At-202

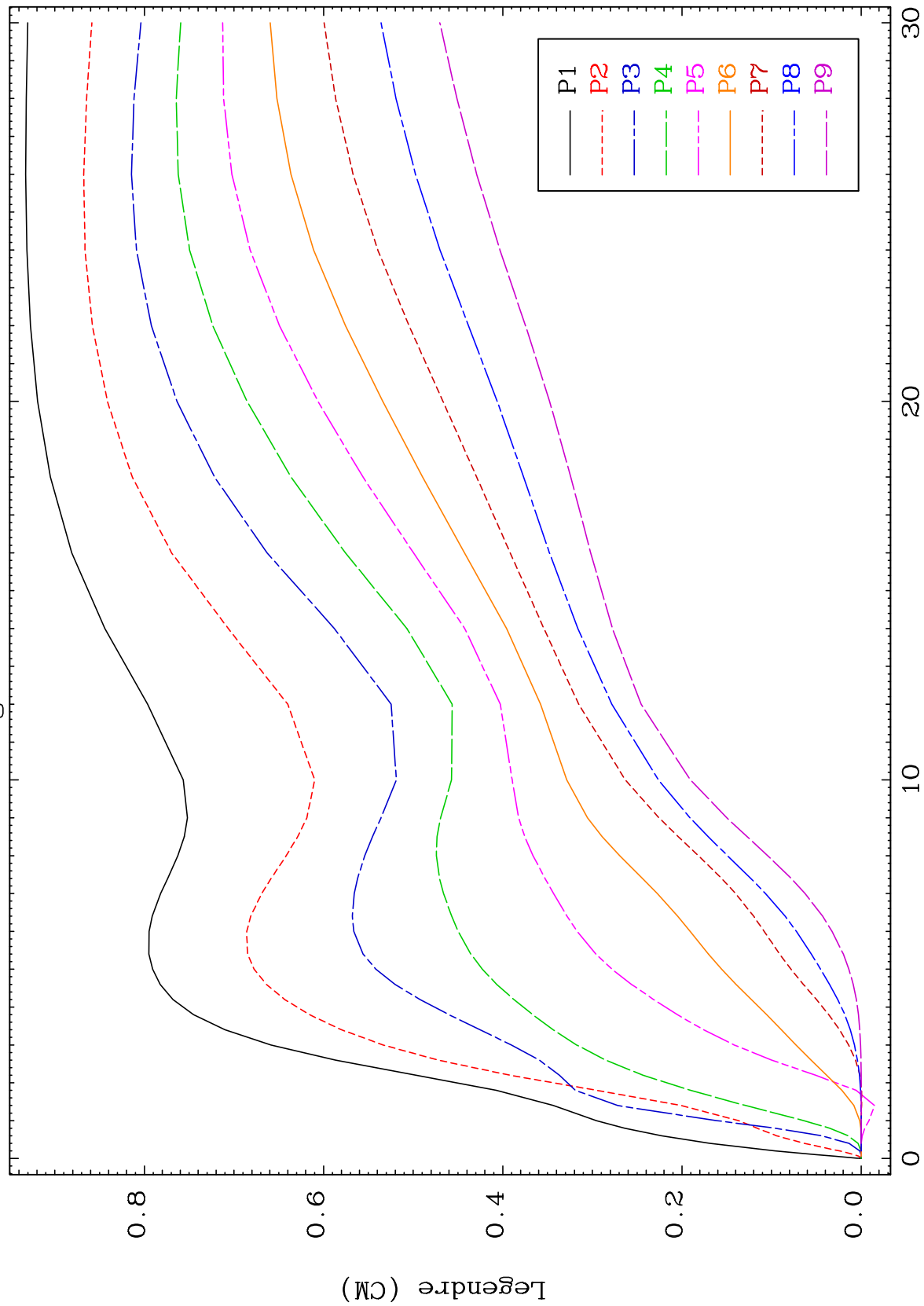
13



MAT 8522

85-At-202

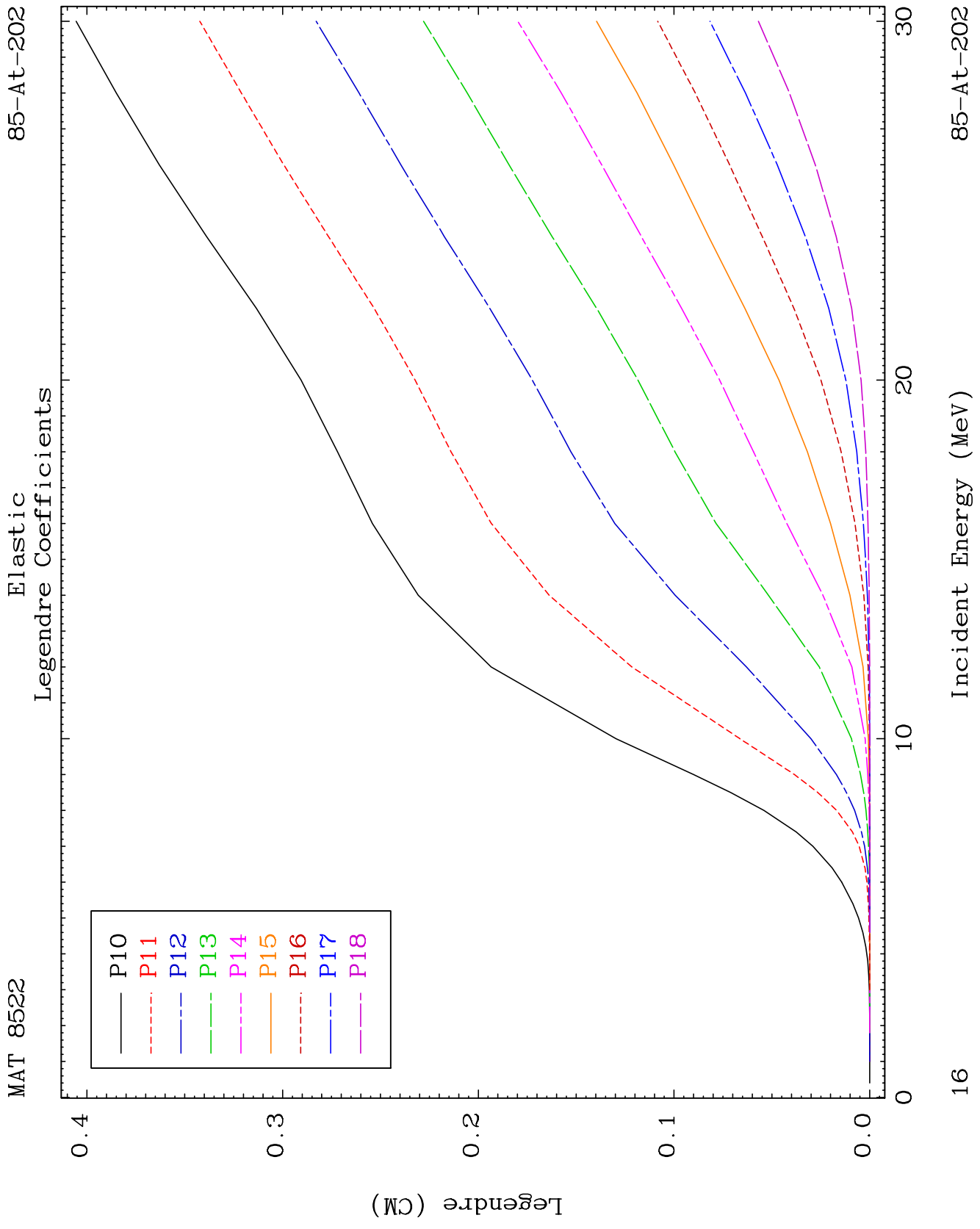
Elastic Legendre Coefficients



Incident Energy (MeV)

85-At-202

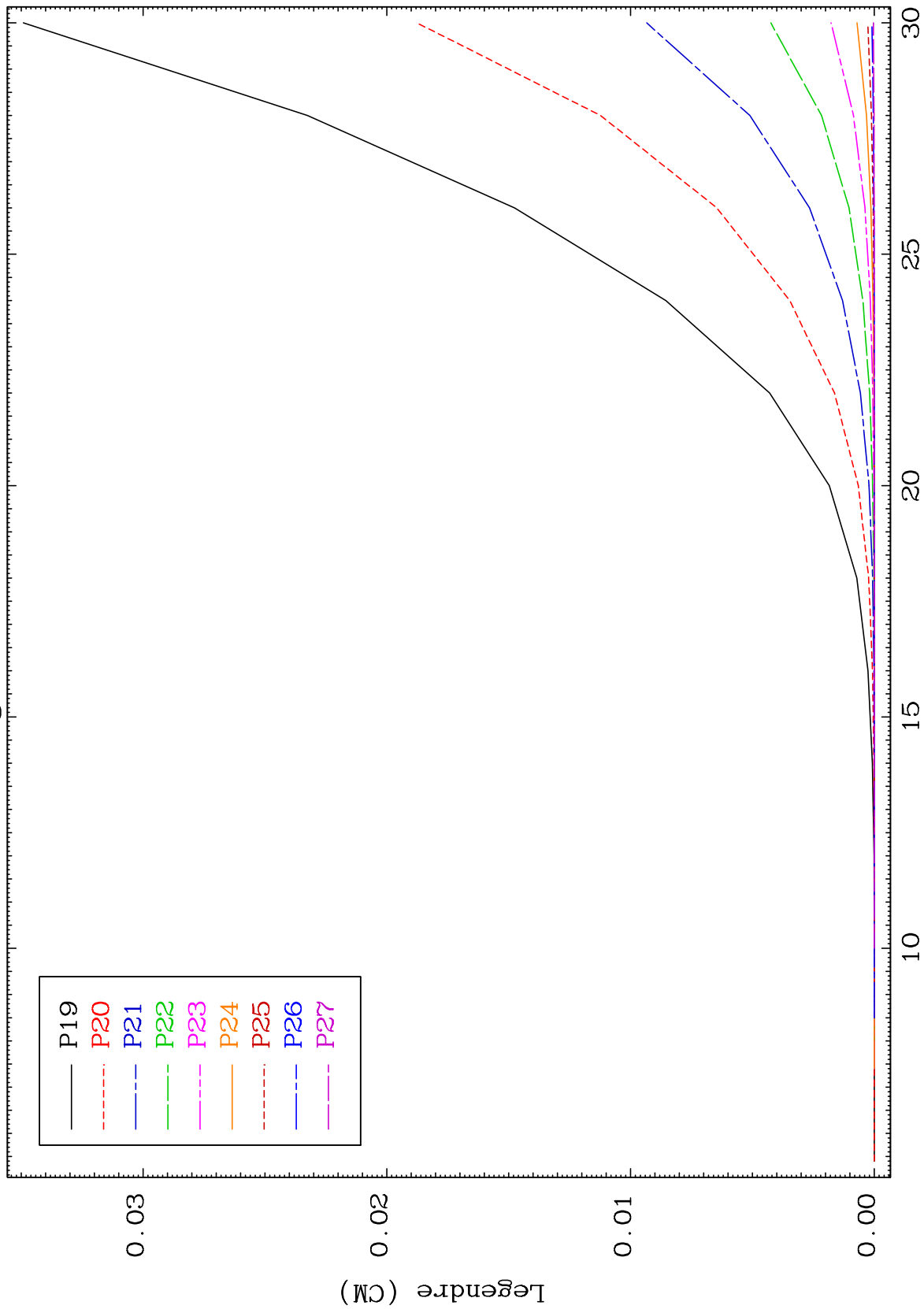
15



MAT 8522

Elastic Legendre Coefficients

85-At-202



17

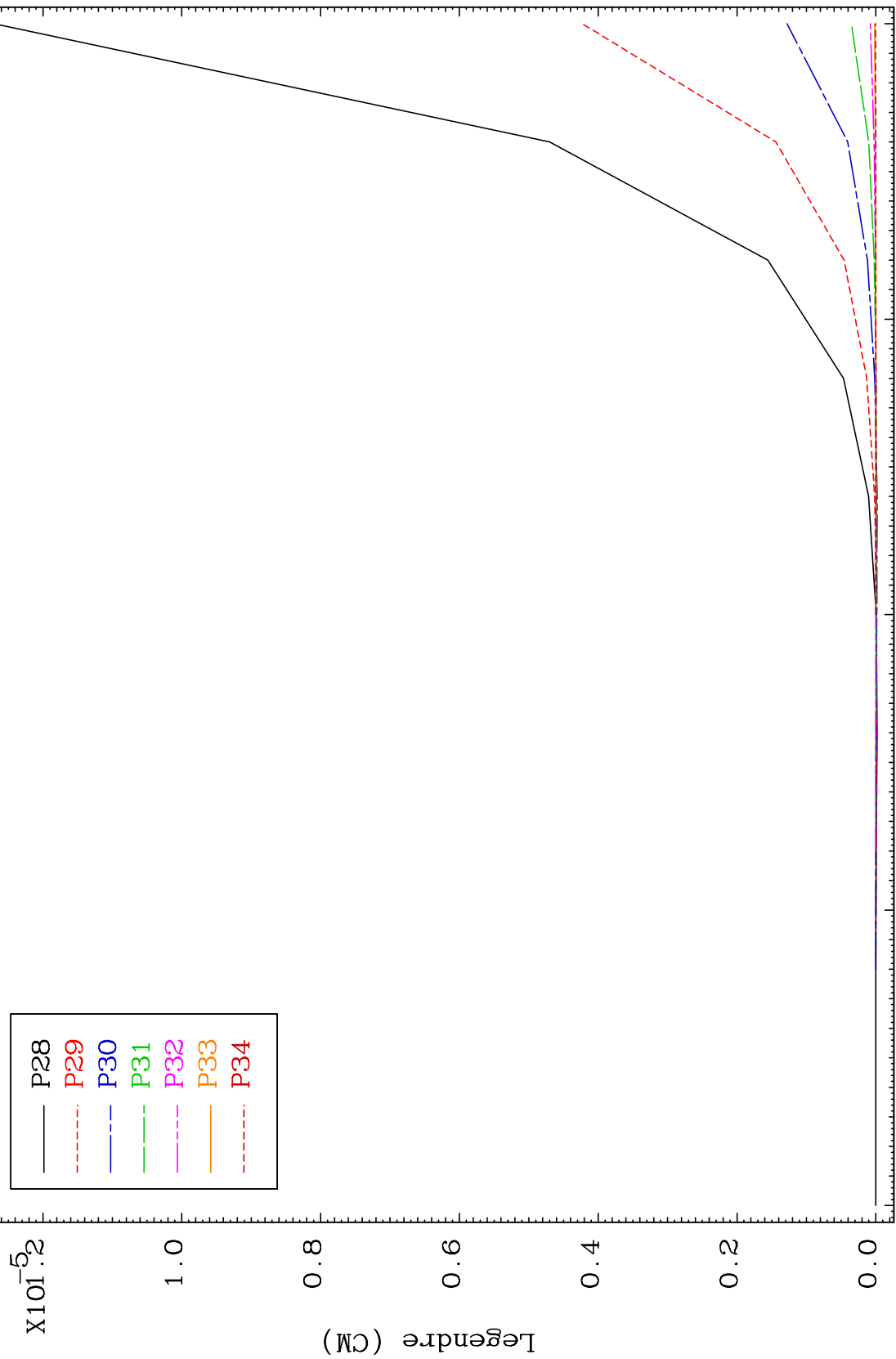
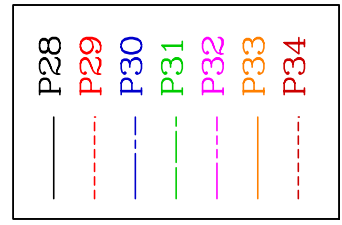
Incident Energy (MeV)

85-At-202

MAT 8522

Elastic
Legendre Coefficients

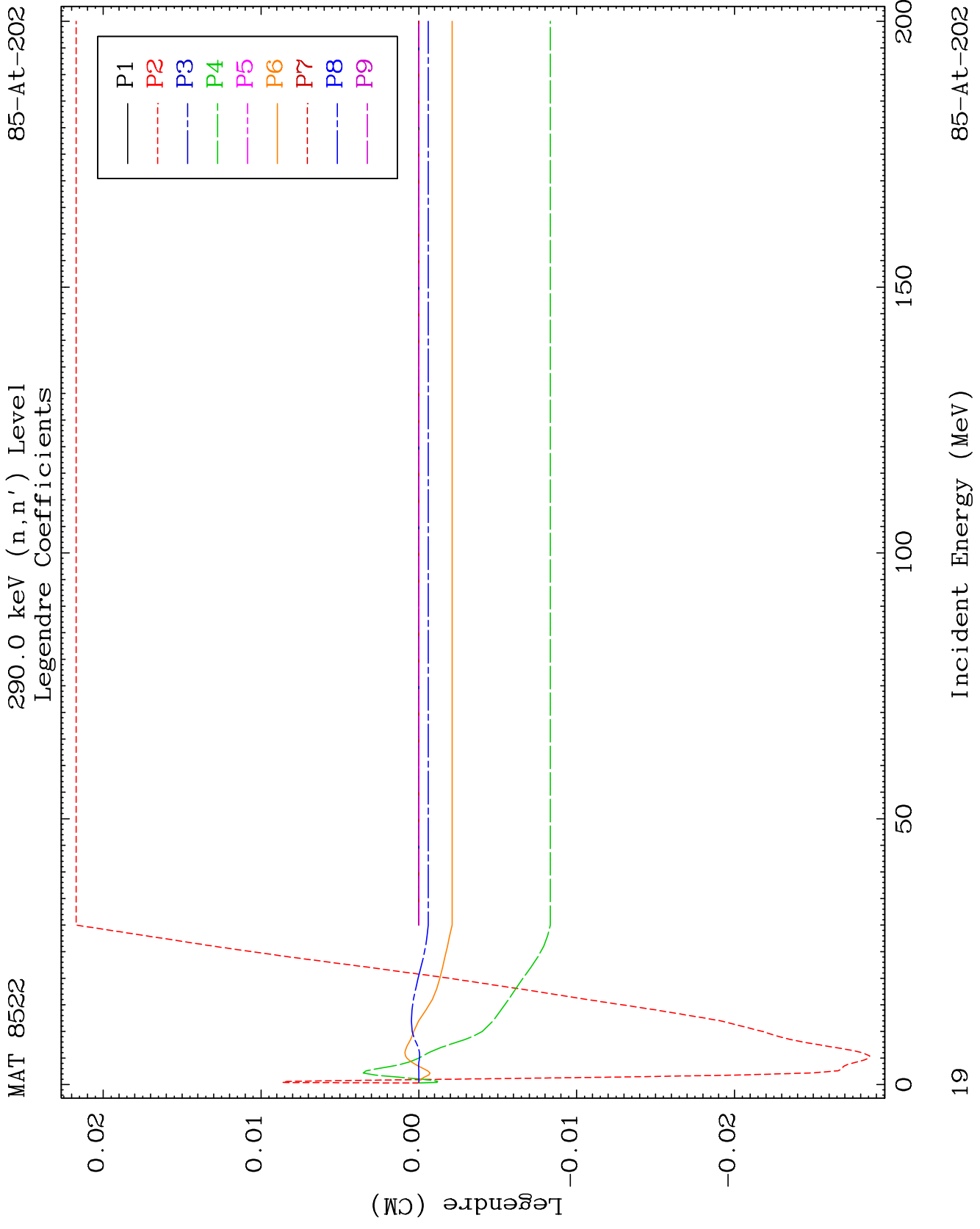
85-At-202

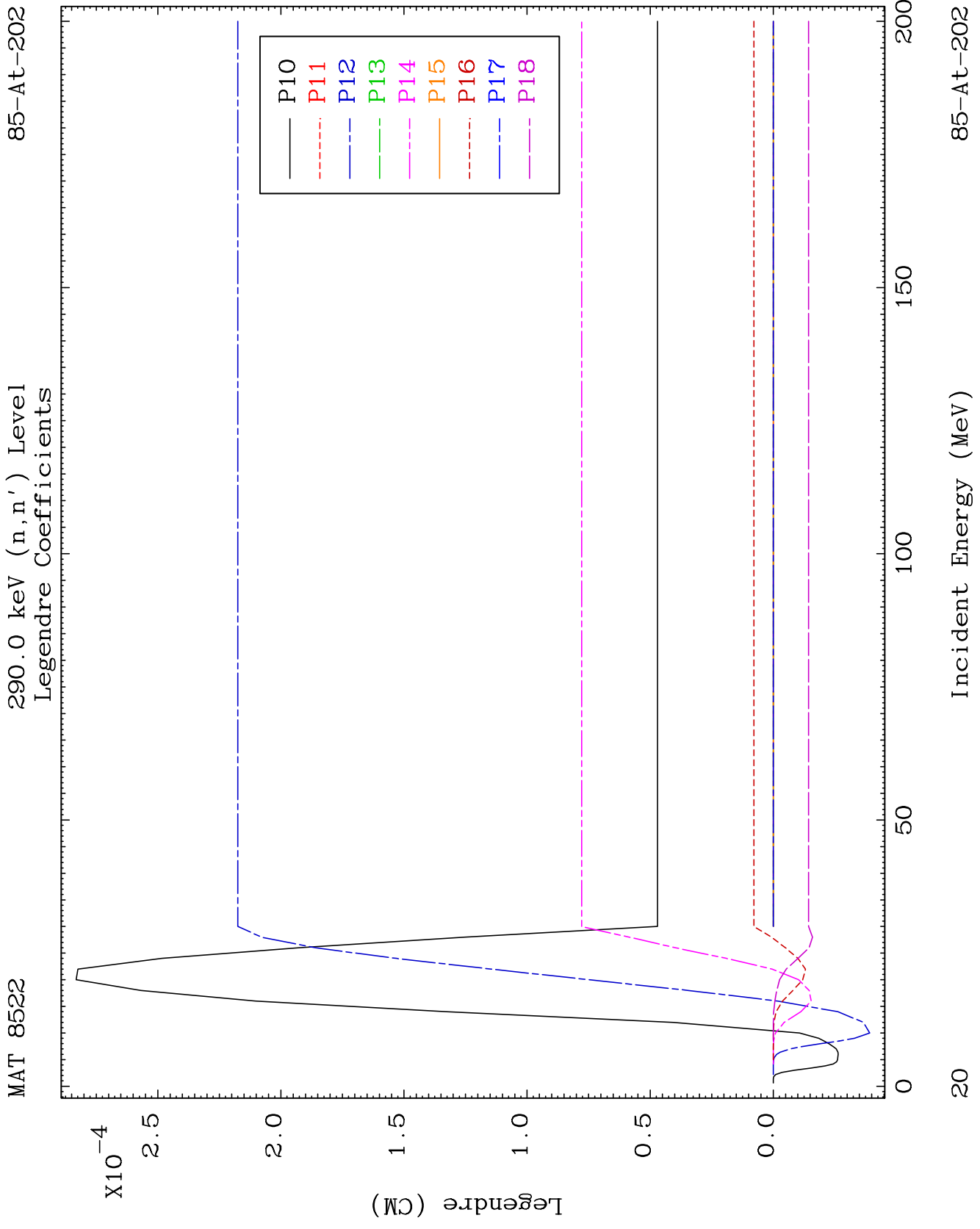


18

Incident Energy (MeV)

85-At-202

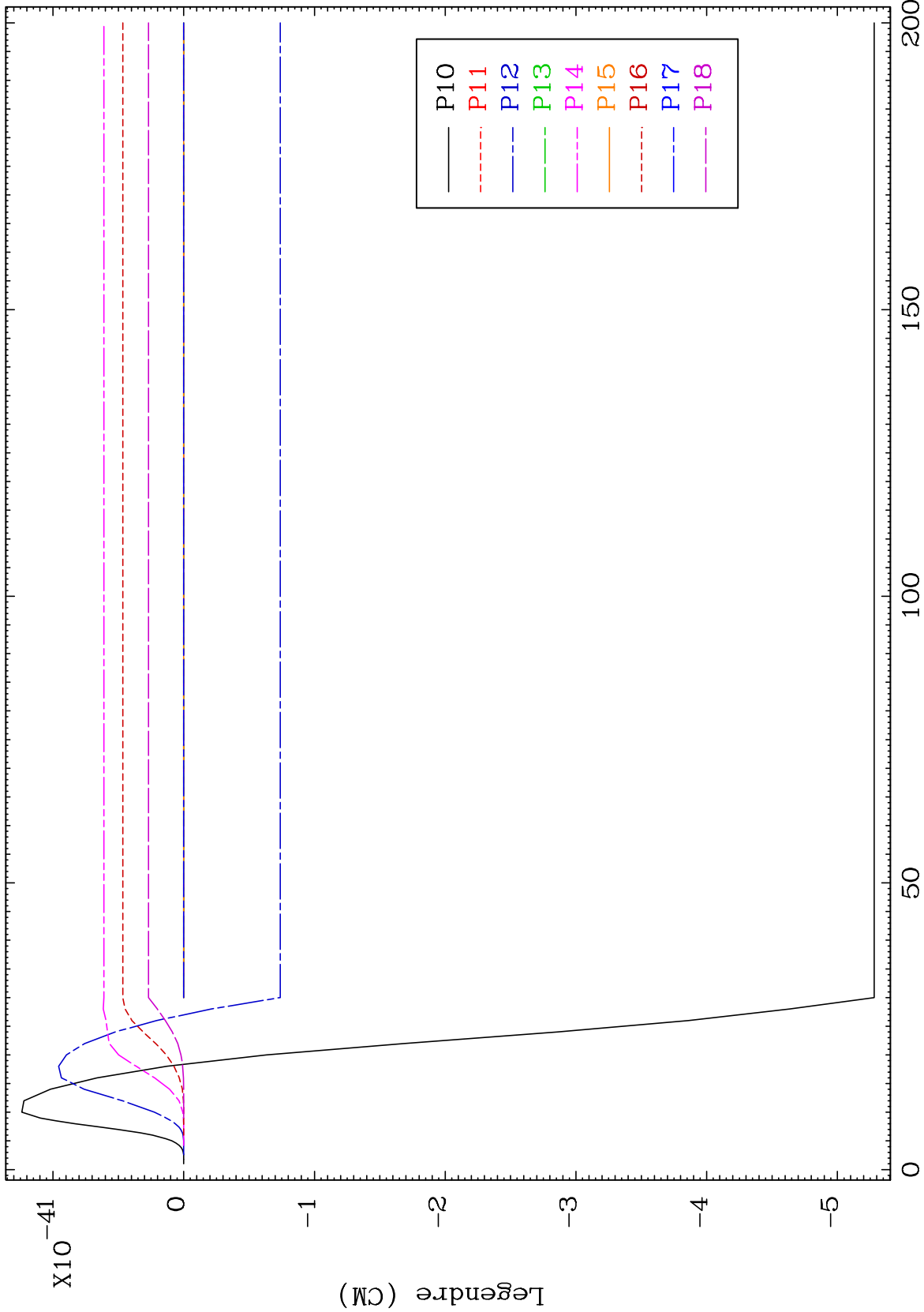




MAT 8522

319.6 keV (n,n') Level
Legendre Coefficients

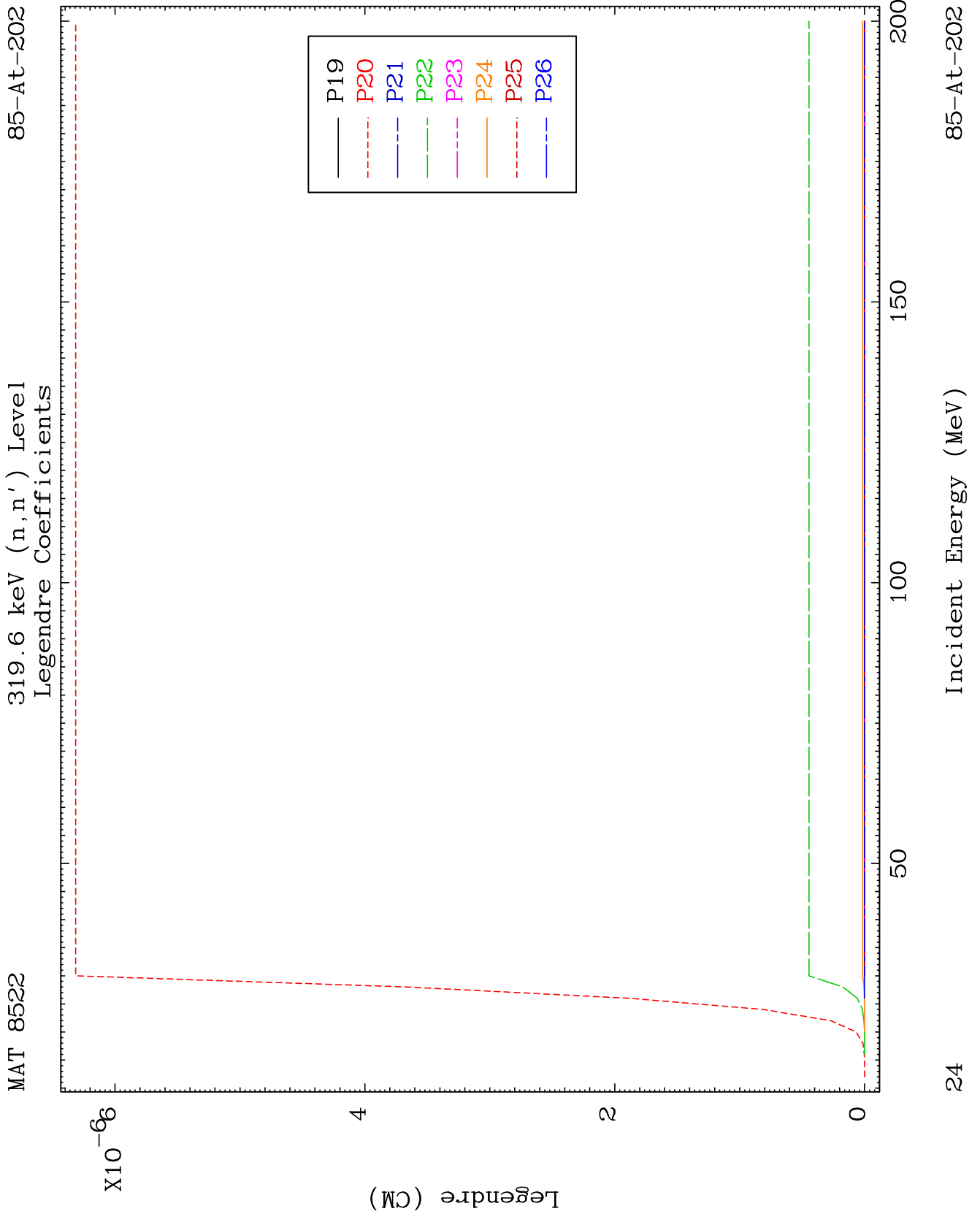
85-At-202

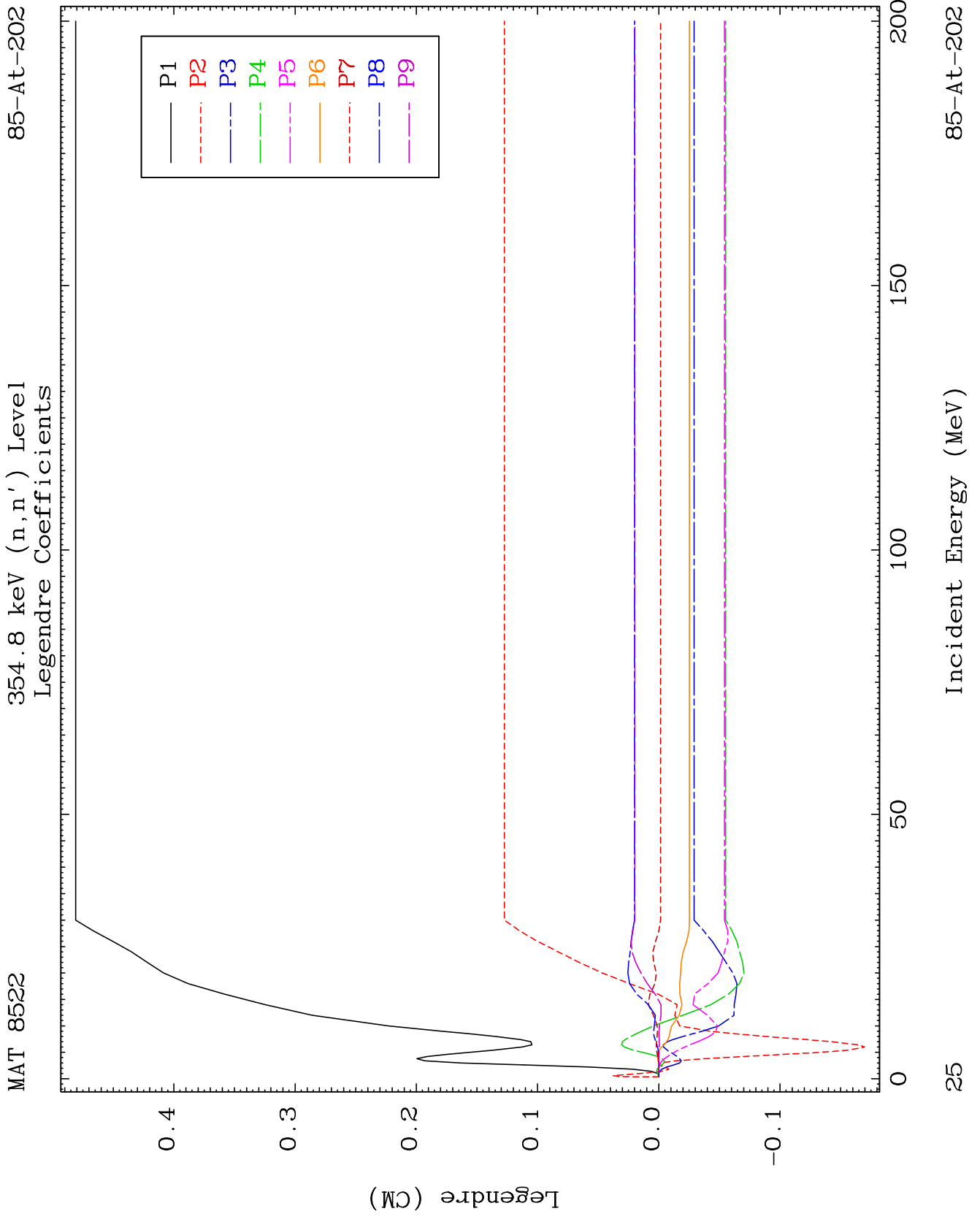


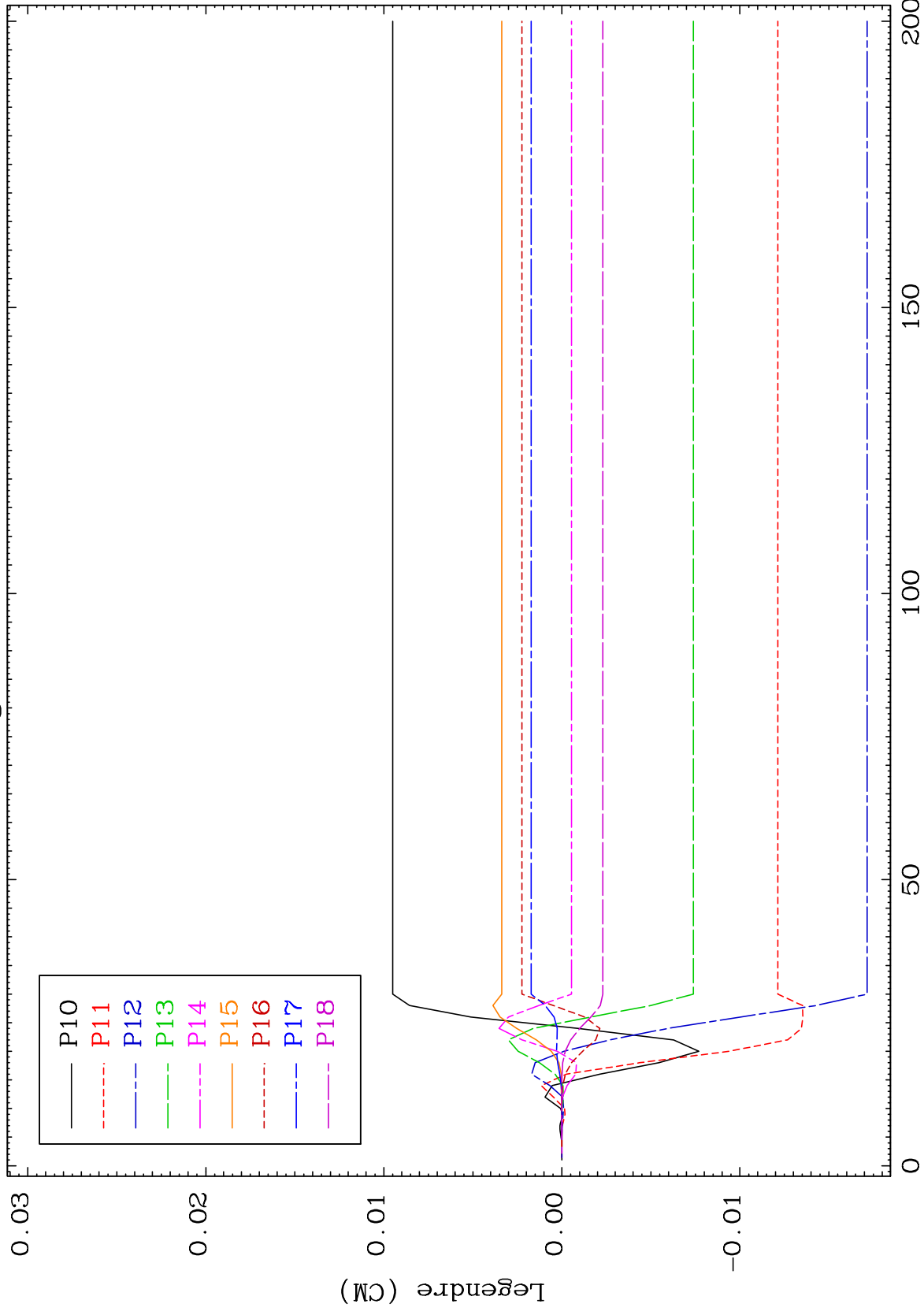
23

Incident Energy (MeV)

85-At-202



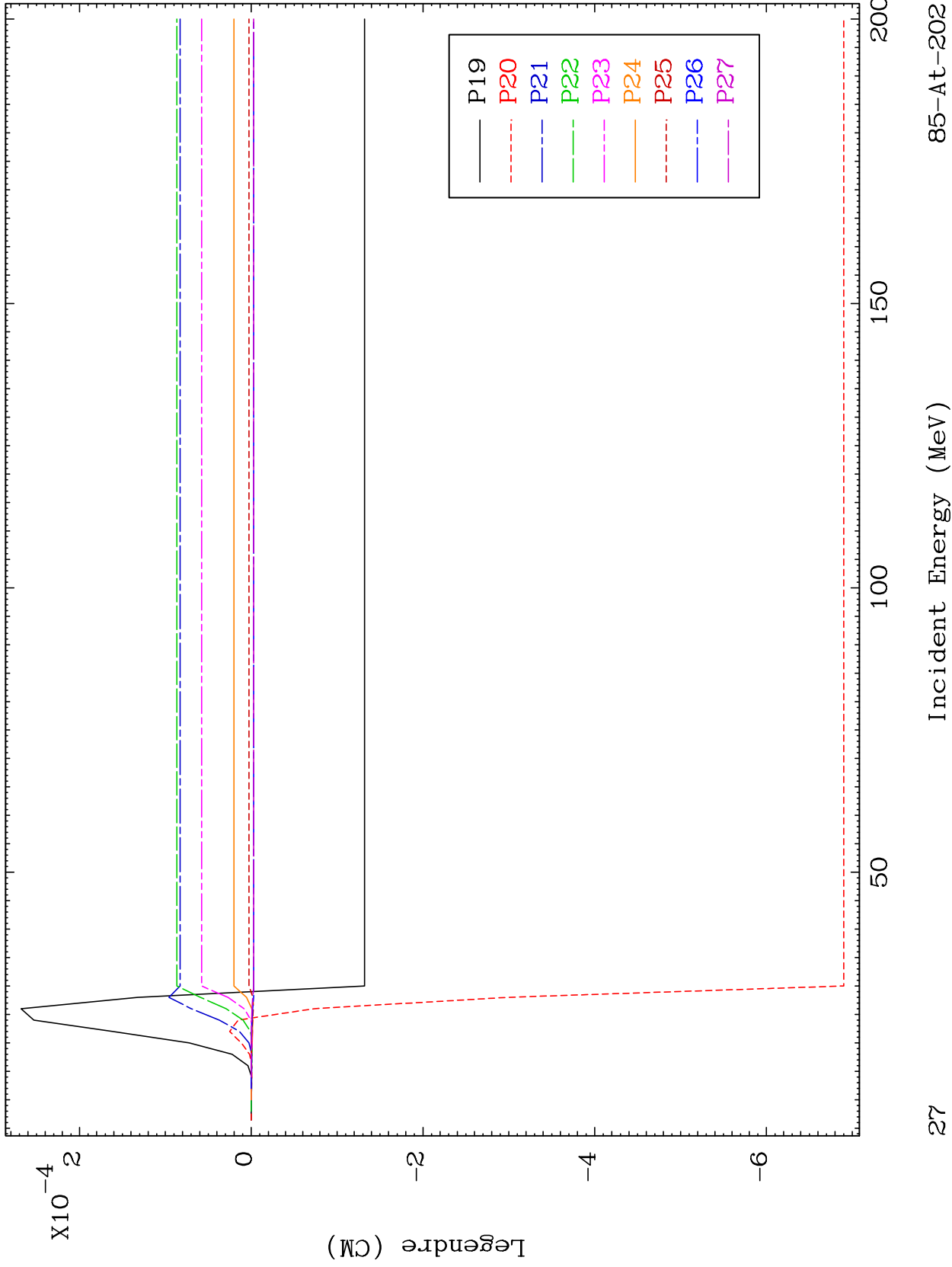




MAT 85222

354.8 keV (n,n') Level
Legendre Coefficients

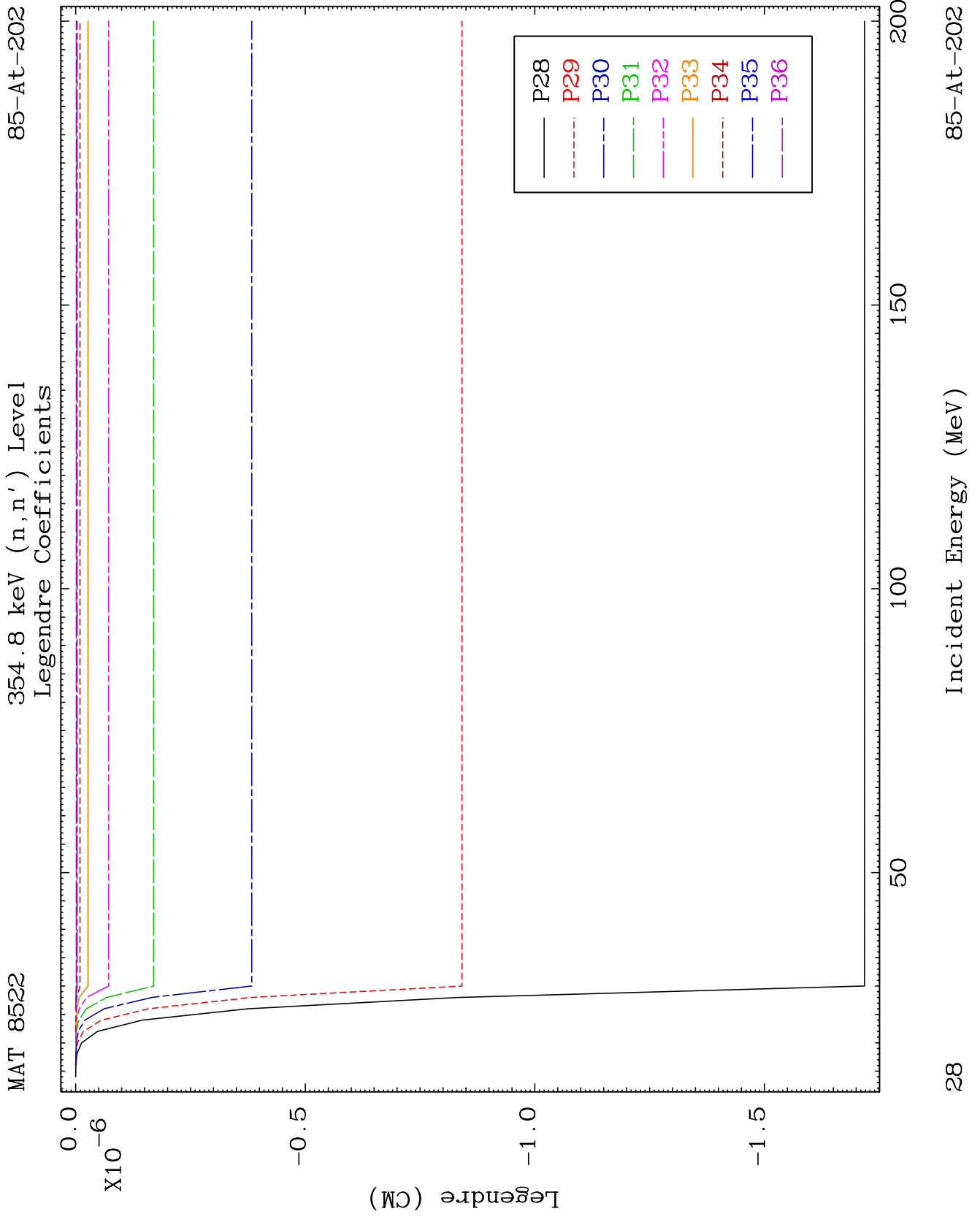
85-At-202

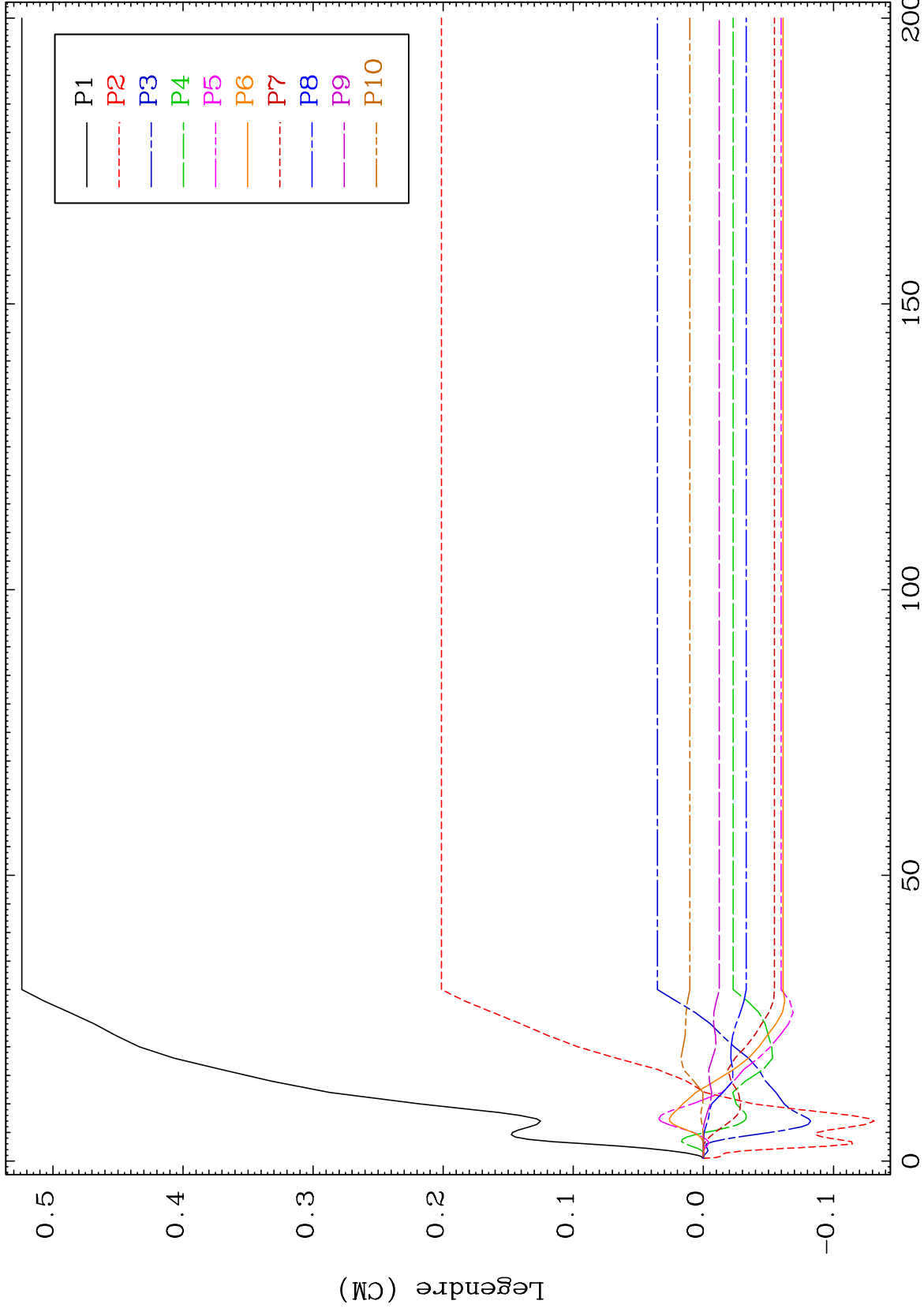


27

Incident Energy (MeV)

85-At-202

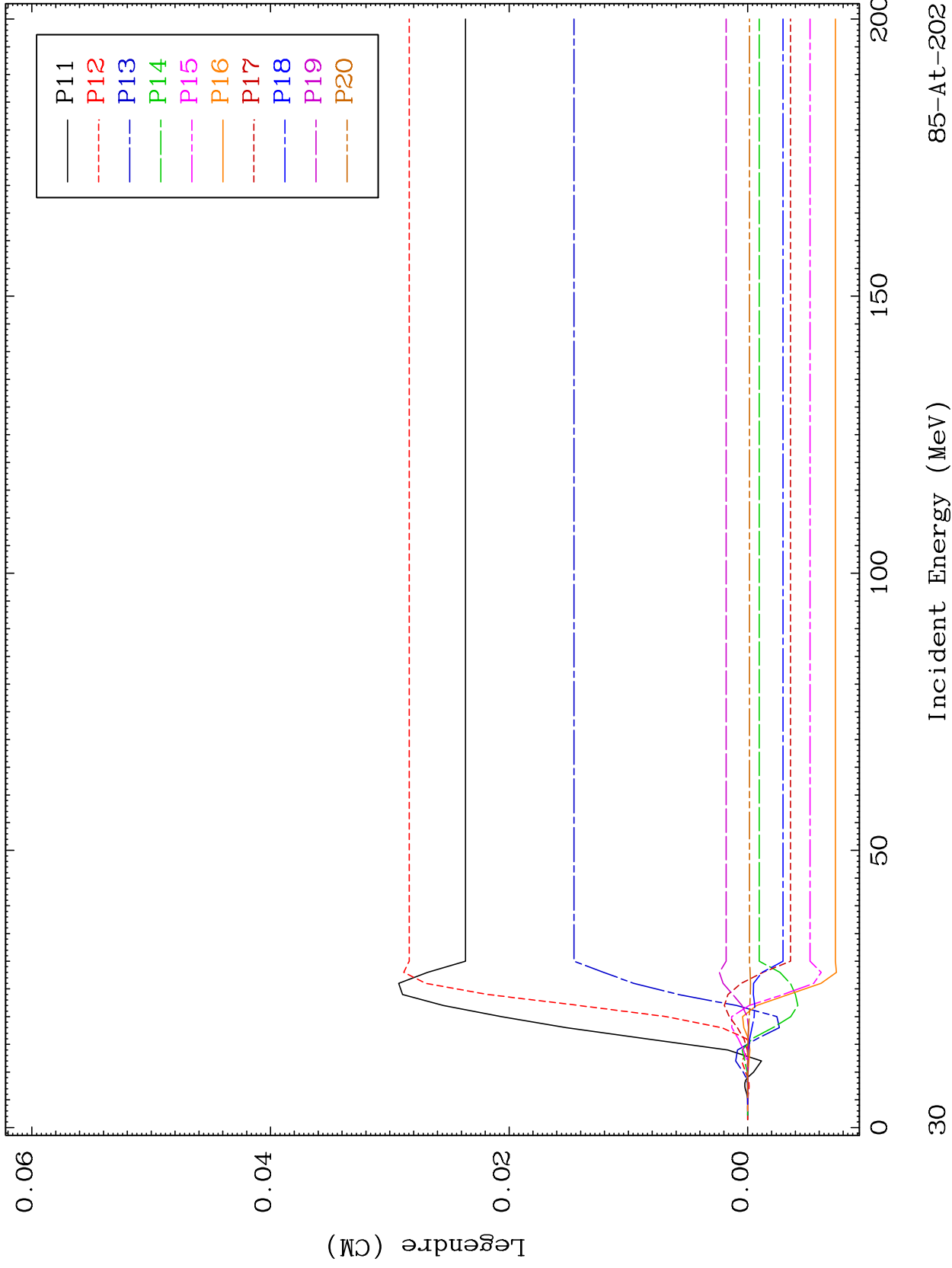




MAT 8522

461.9 keV (n,n') Level
Legendre Coefficients

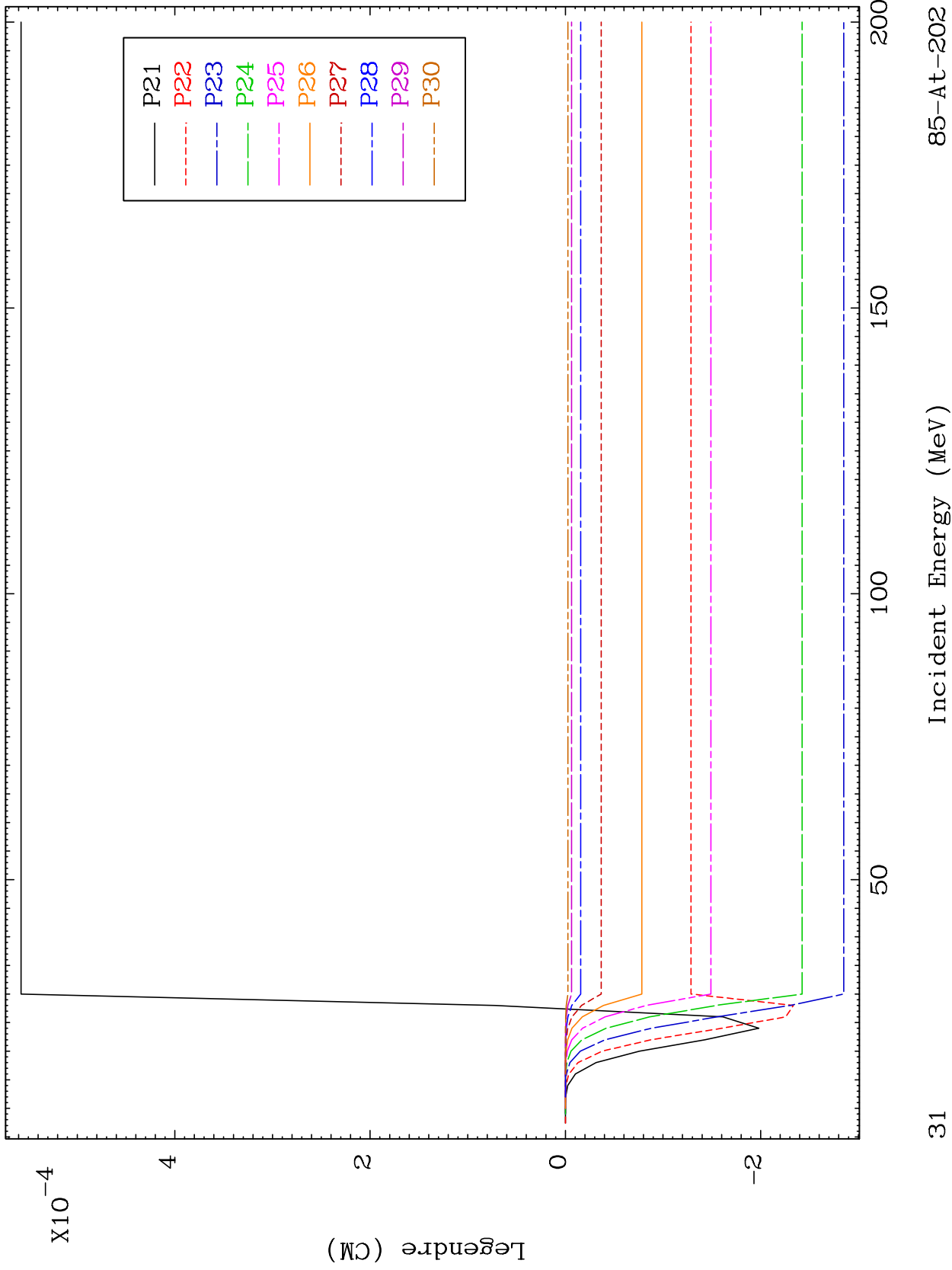
85-At-202

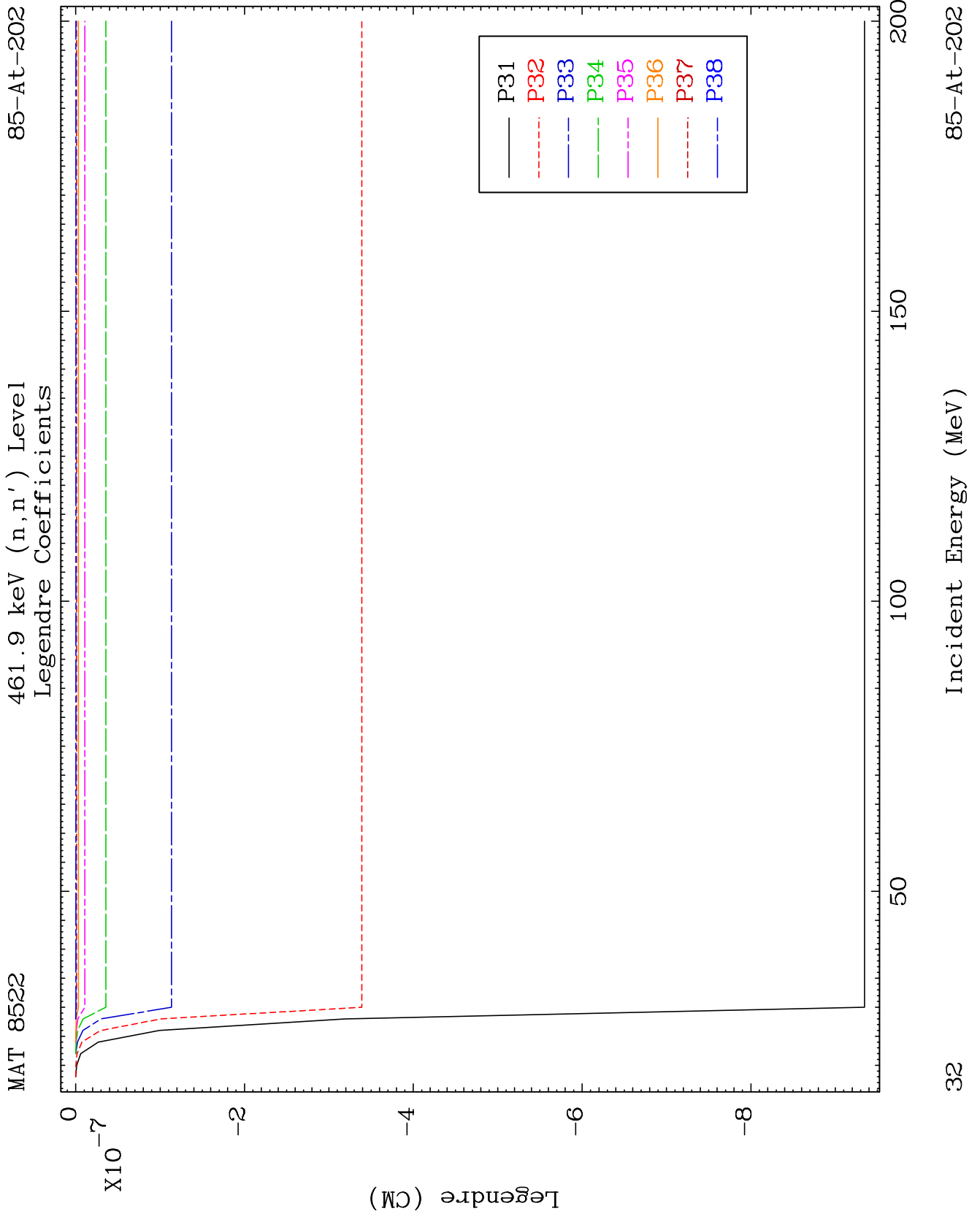


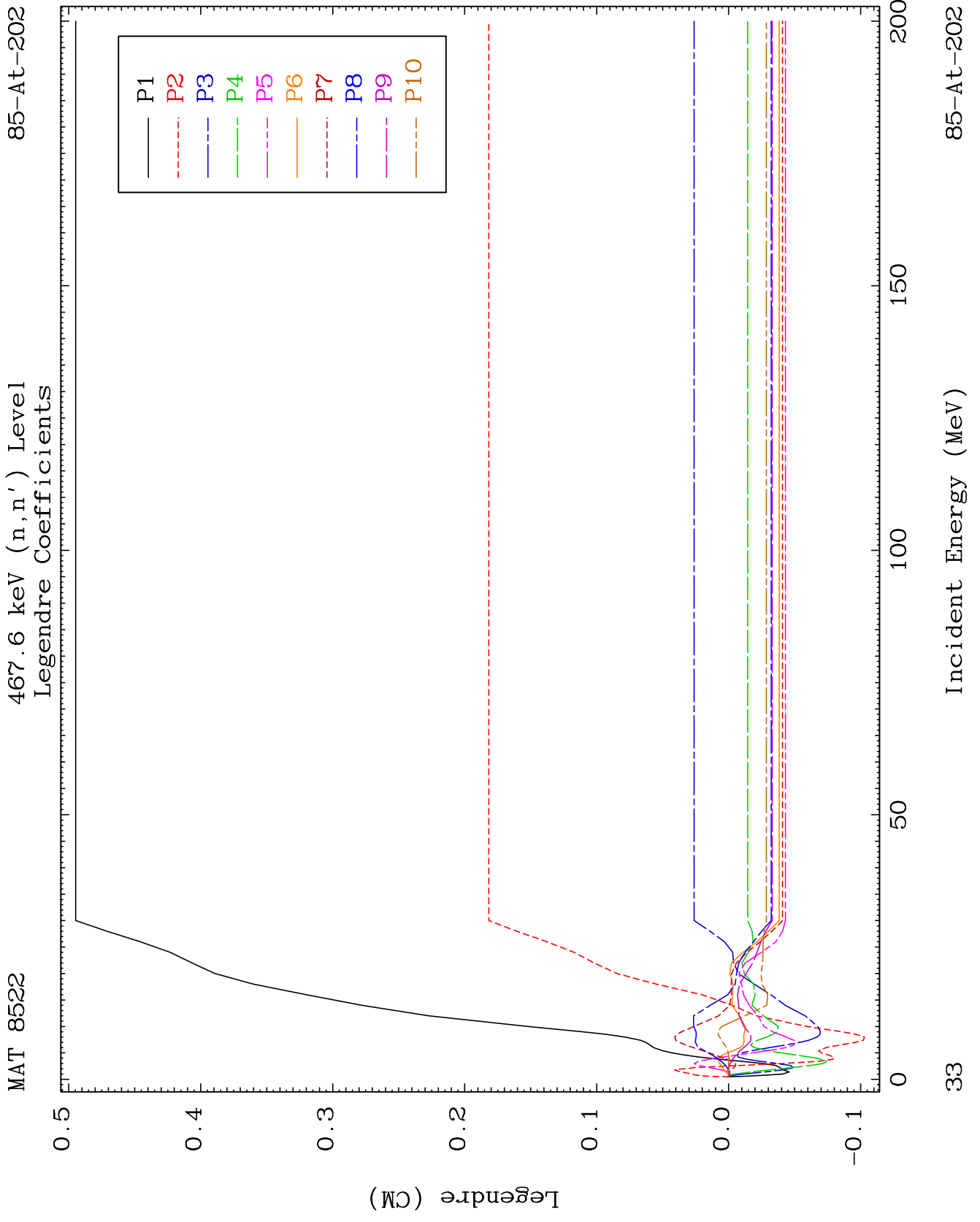
85-At-202

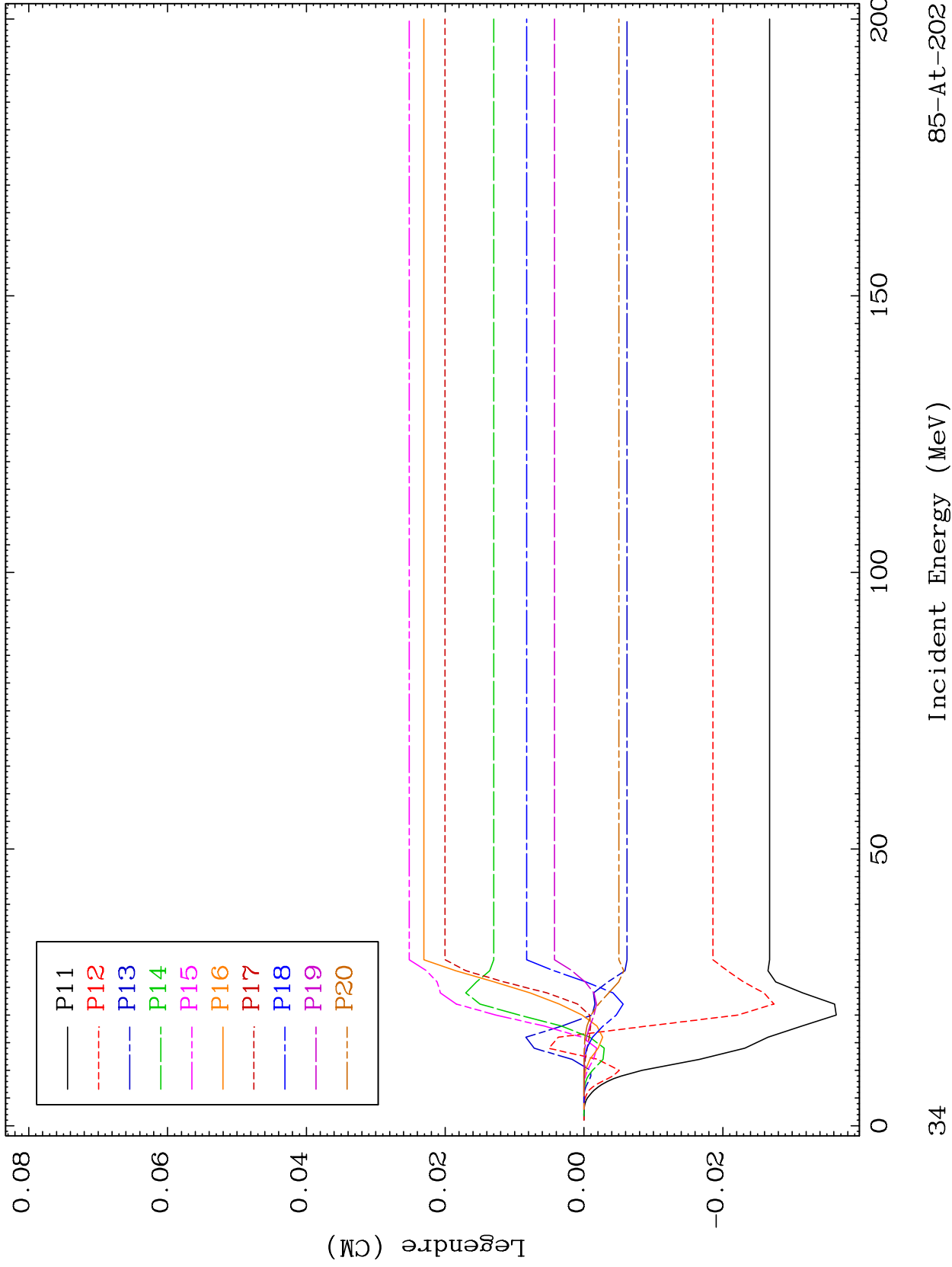
Incident Energy (MeV)

30





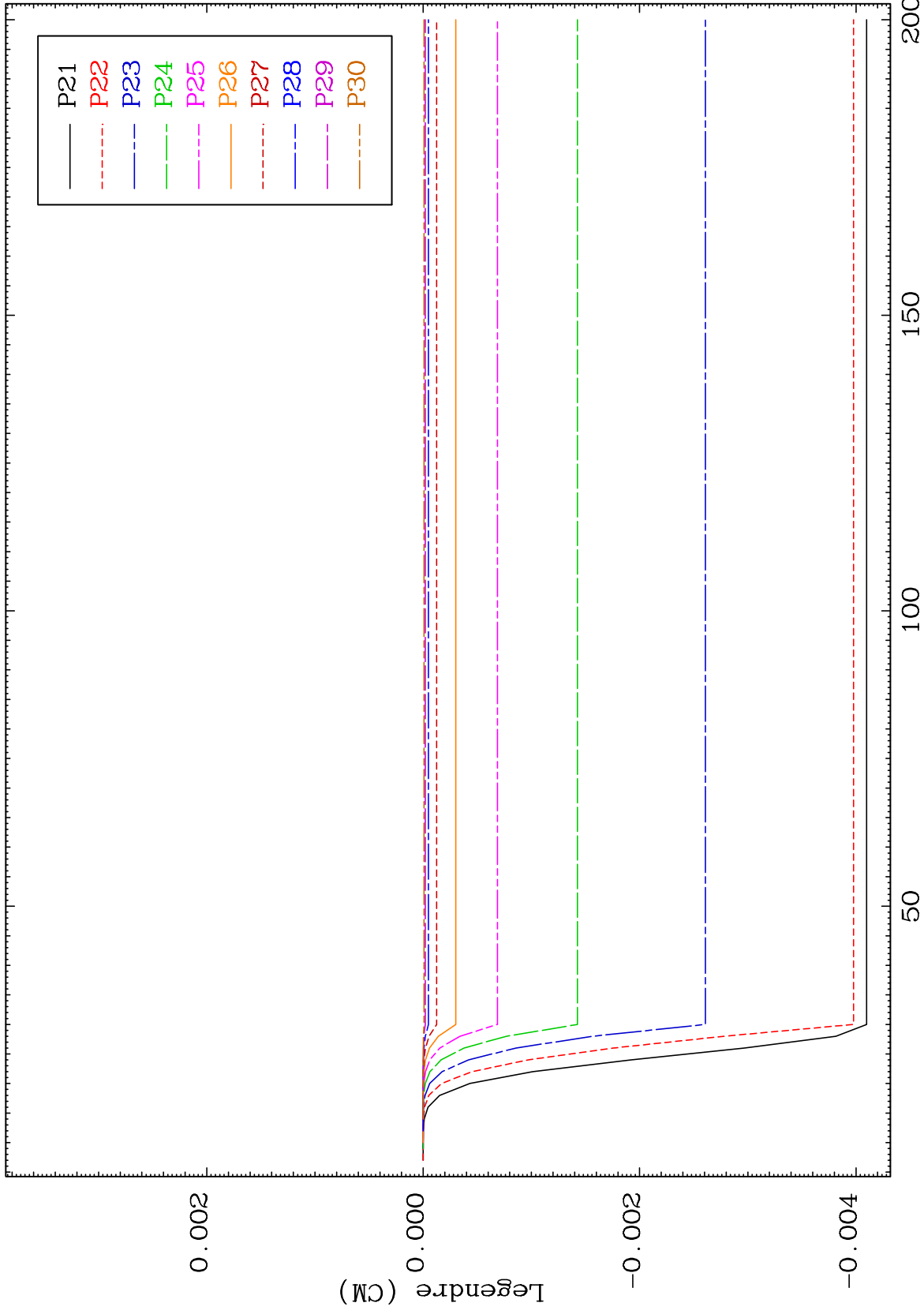




MAT 8522

467.6 keV (n,n') Level
Legendre Coefficients

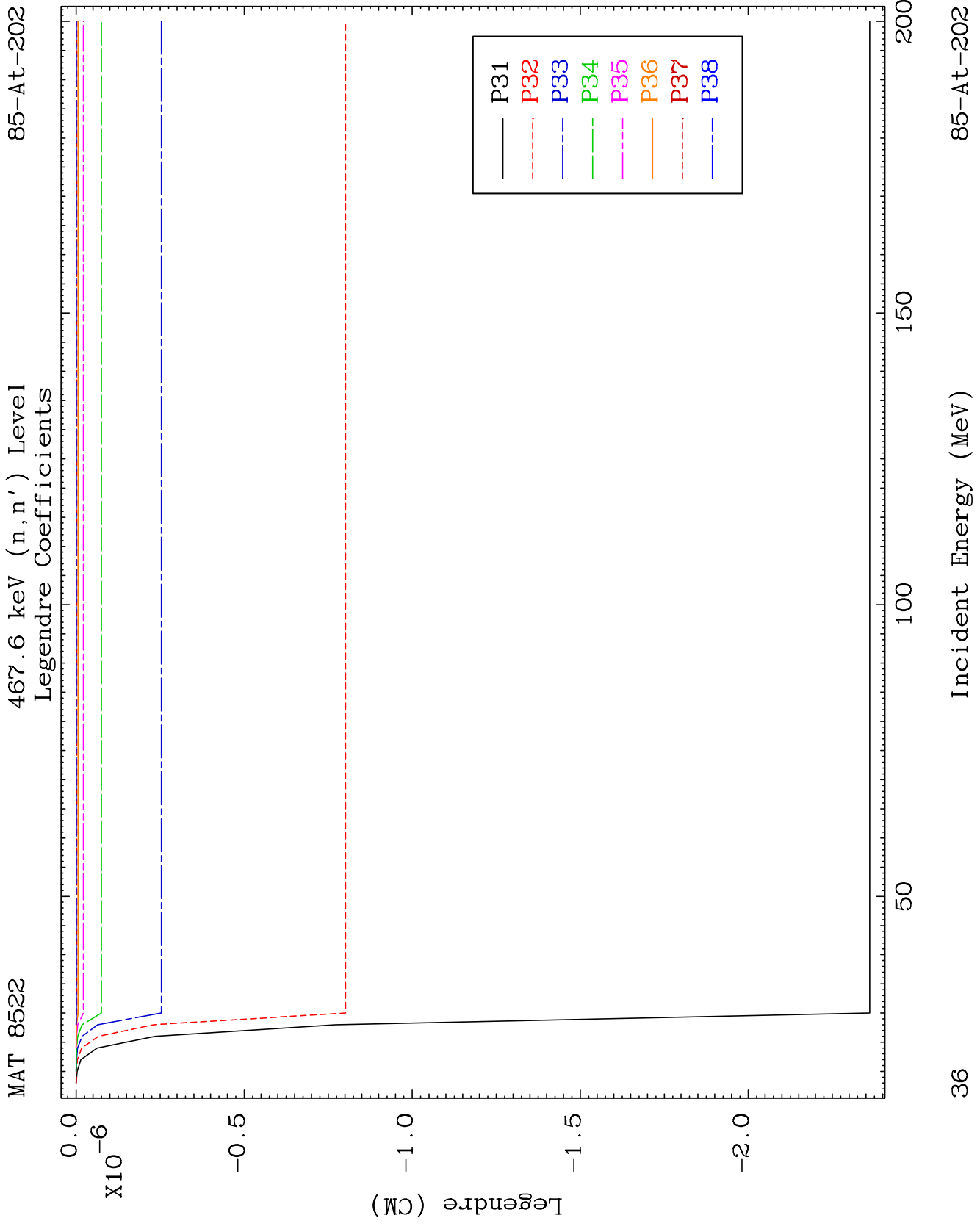
85-At-202



35

Incident Energy (MeV)

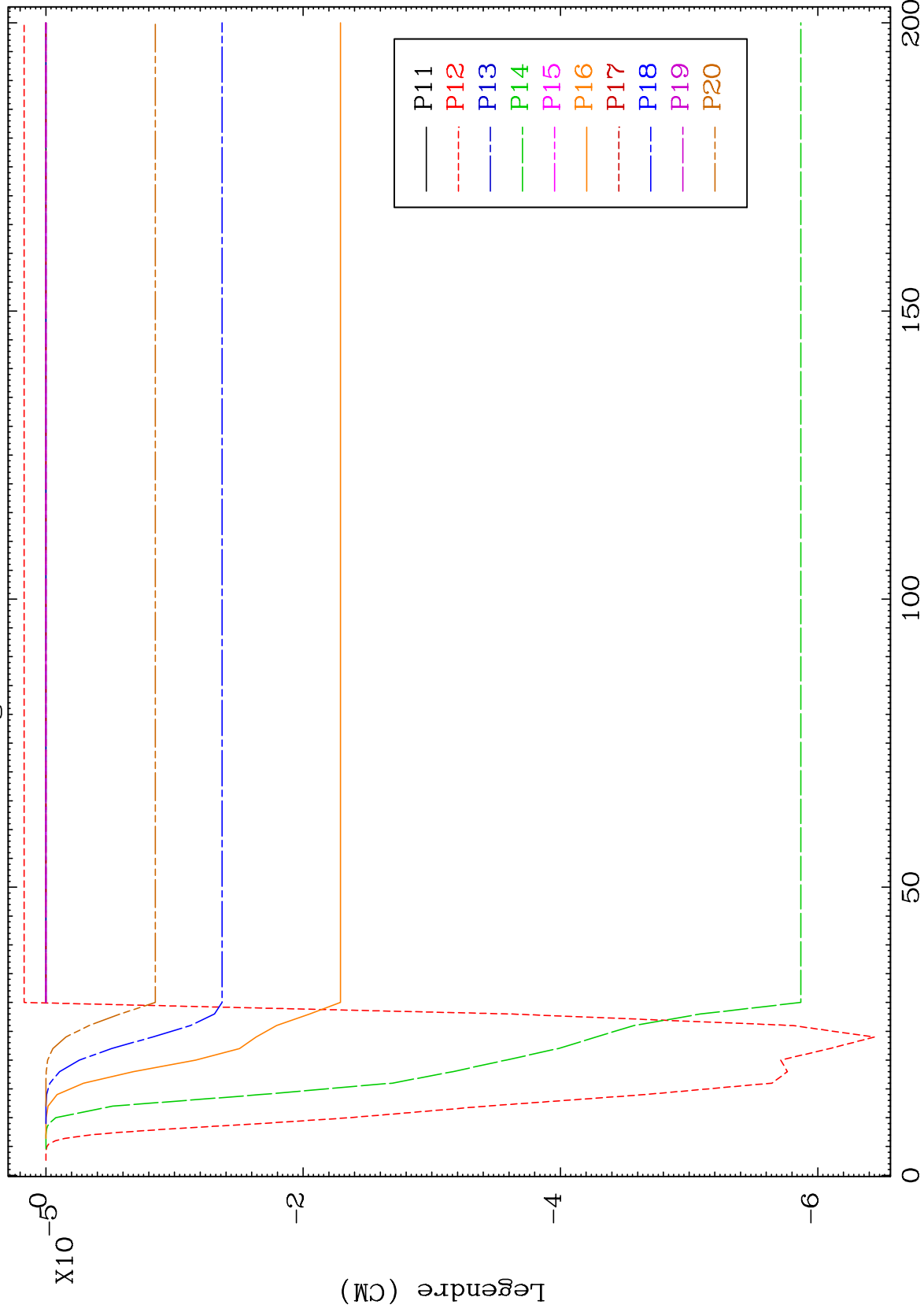
85-At-202



MAT 85222

524.8 keV (n,n') Level
Legendre Coefficients

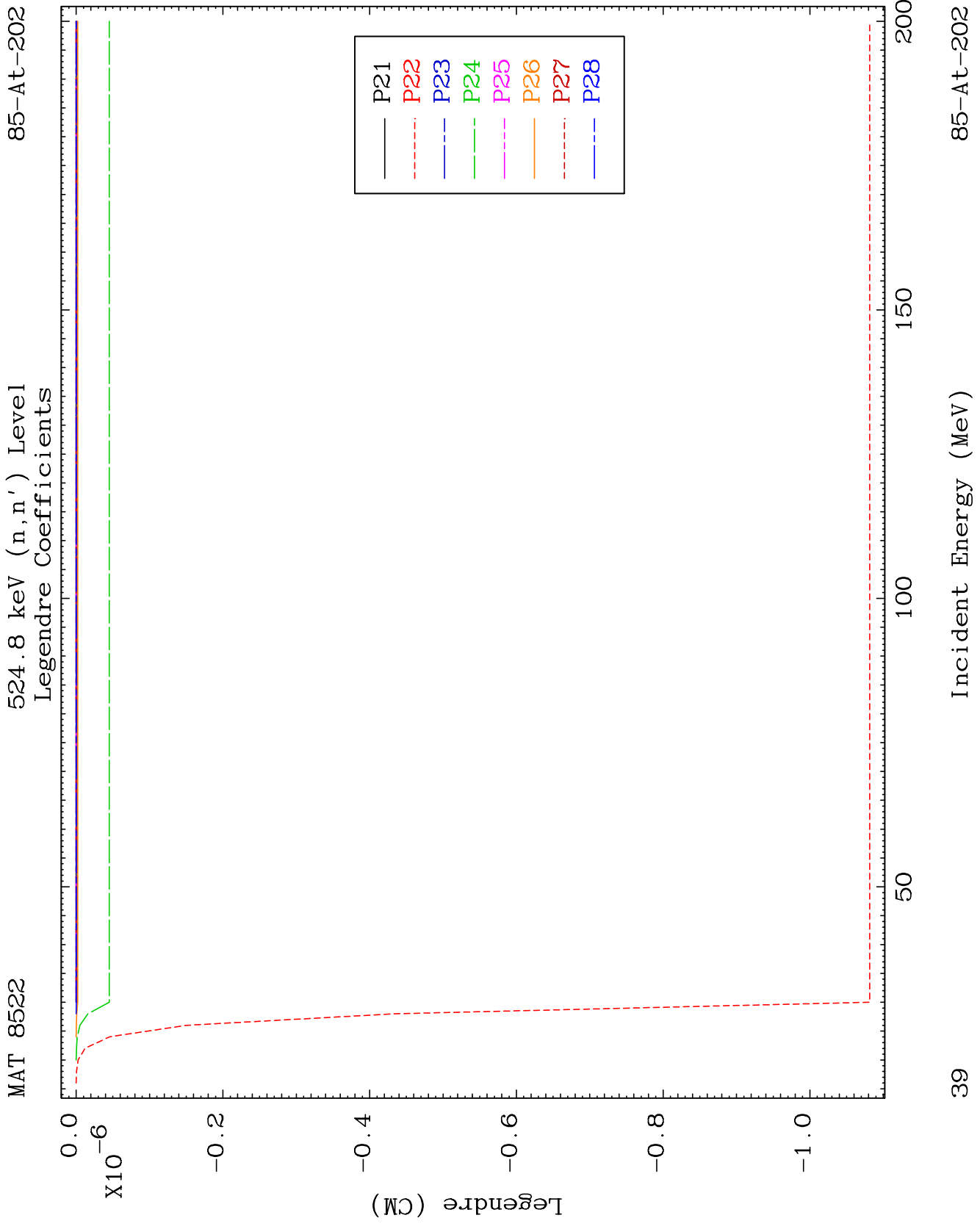
85-At-202



38

Incident Energy (MeV)

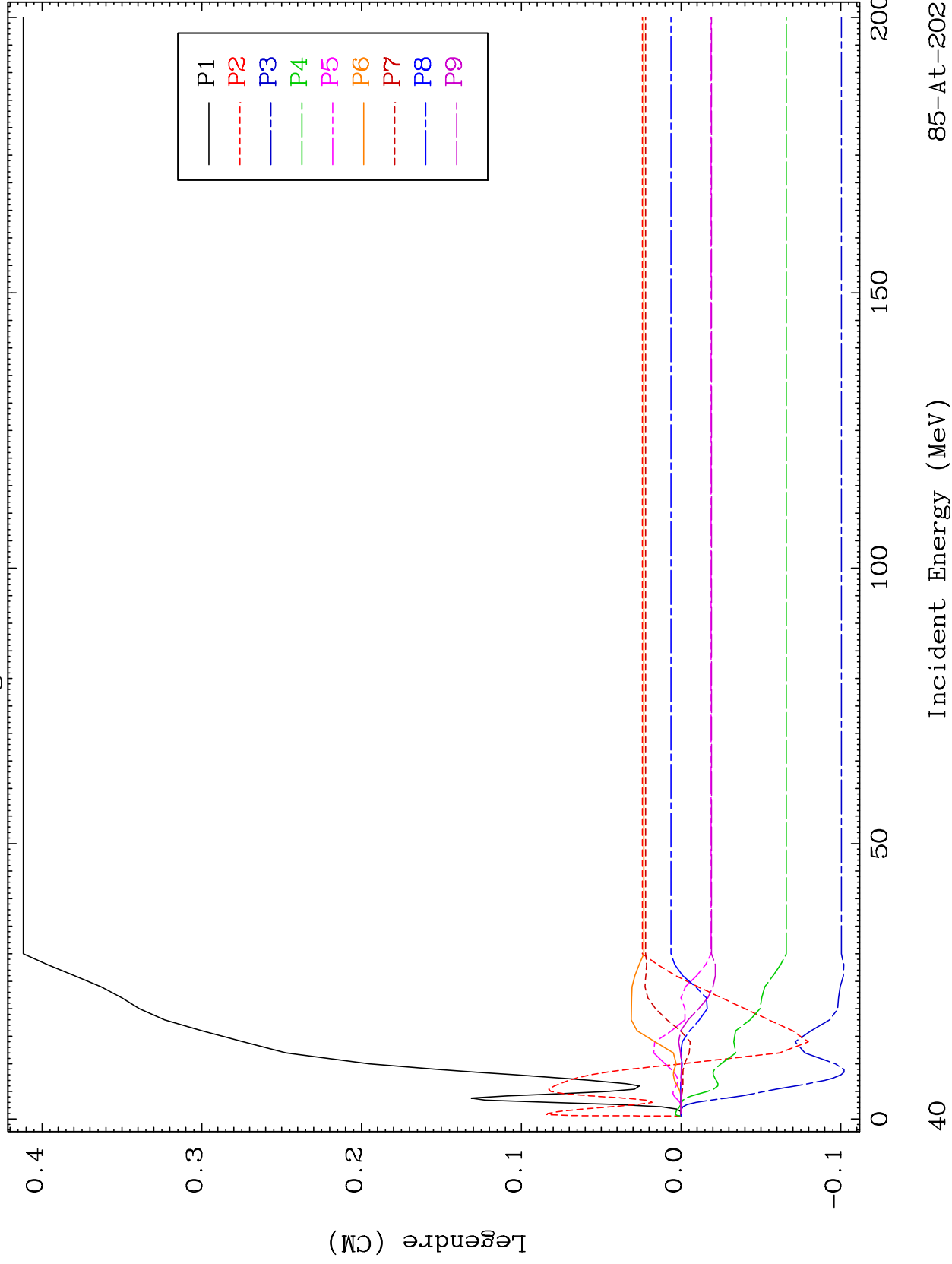
85-At-202



MAT 8522

527.4 keV (n,n') Level
Legendre Coefficients

85-At-202

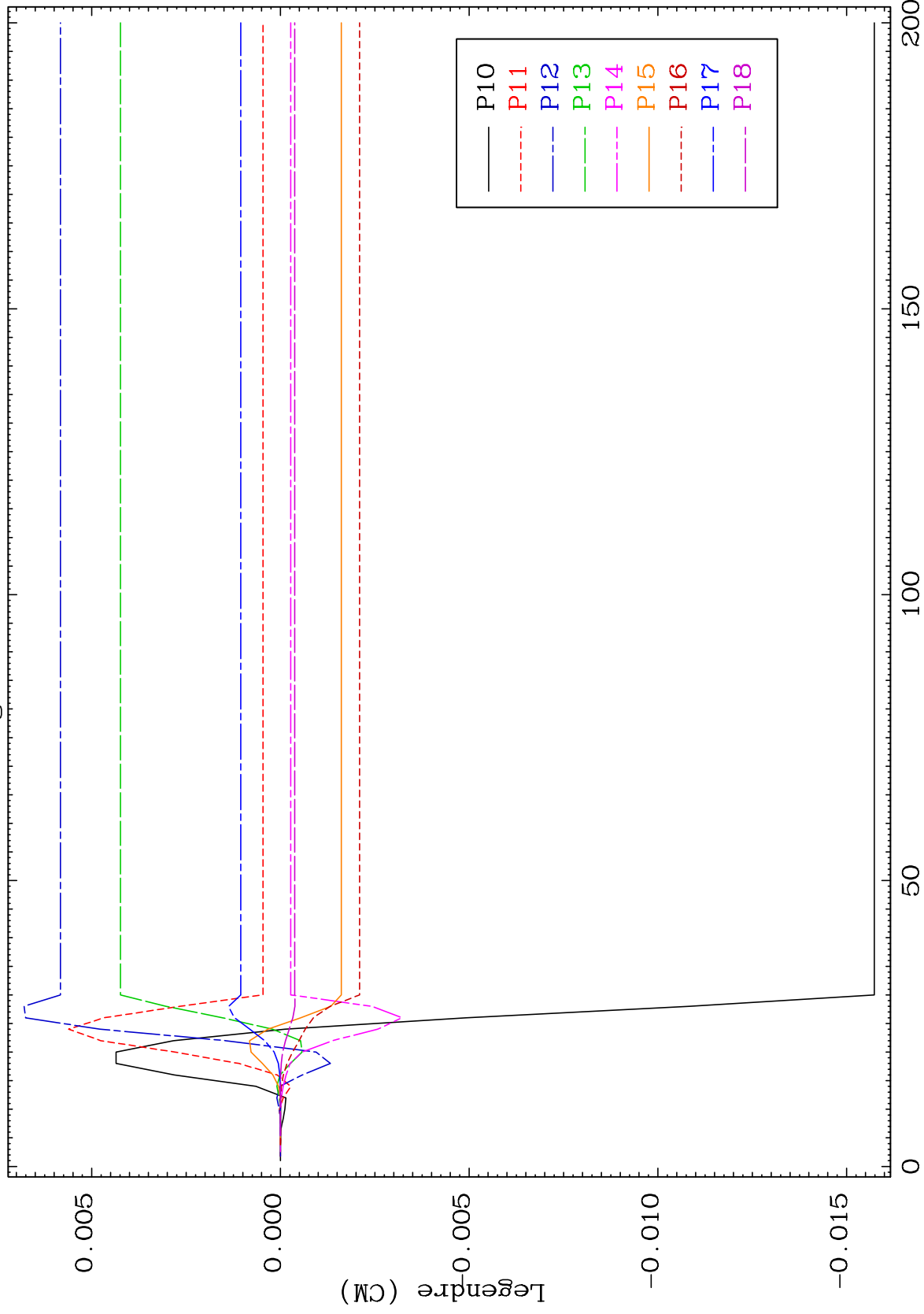


85-At-202

MAT 8522

527.4 keV (n,n') Level
Legendre Coefficients

85-At-202



41

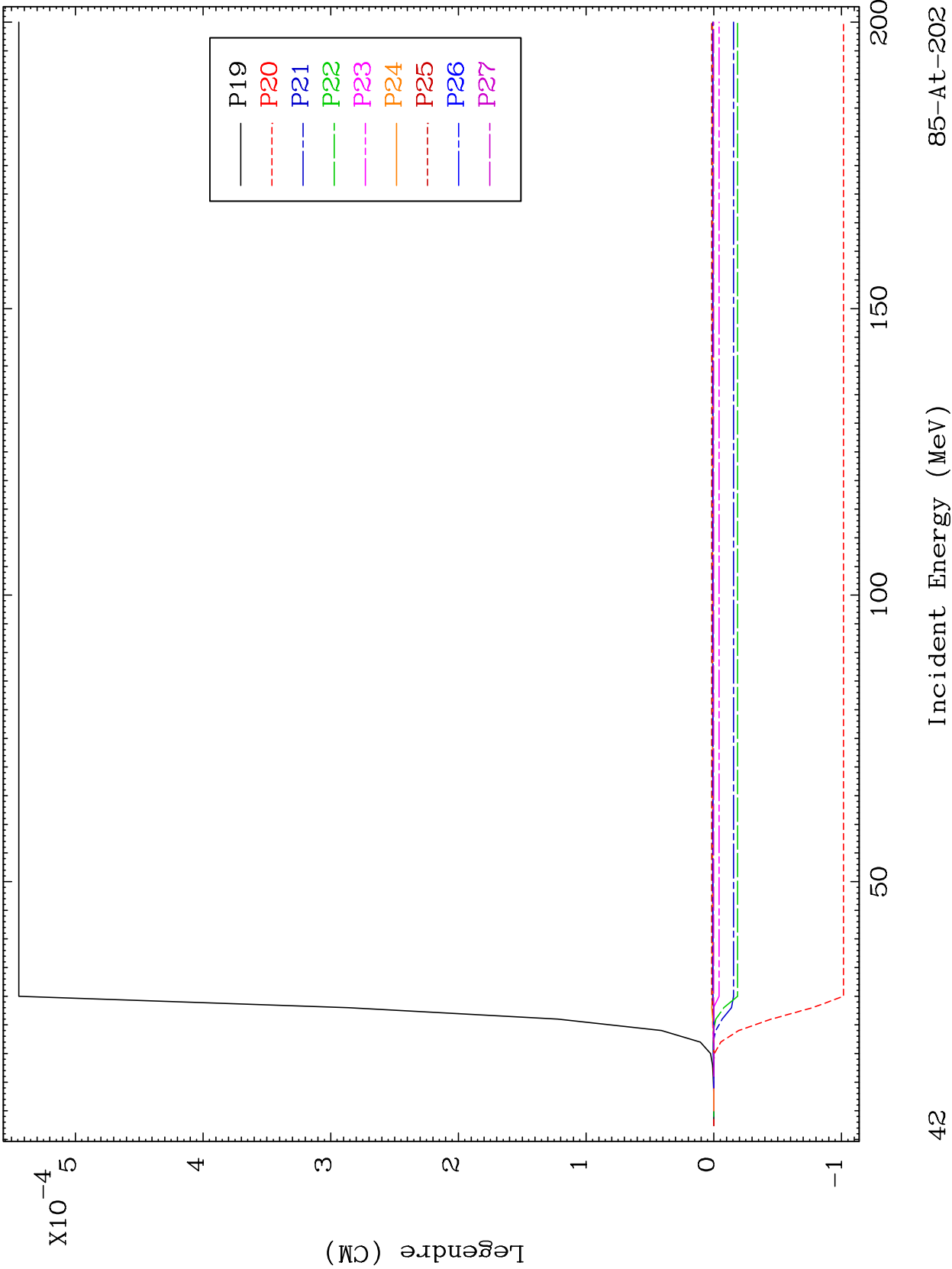
Incident Energy (MeV)

85-At-202

MAT 8522

527.4 keV (n,n') Level
Legendre Coefficients

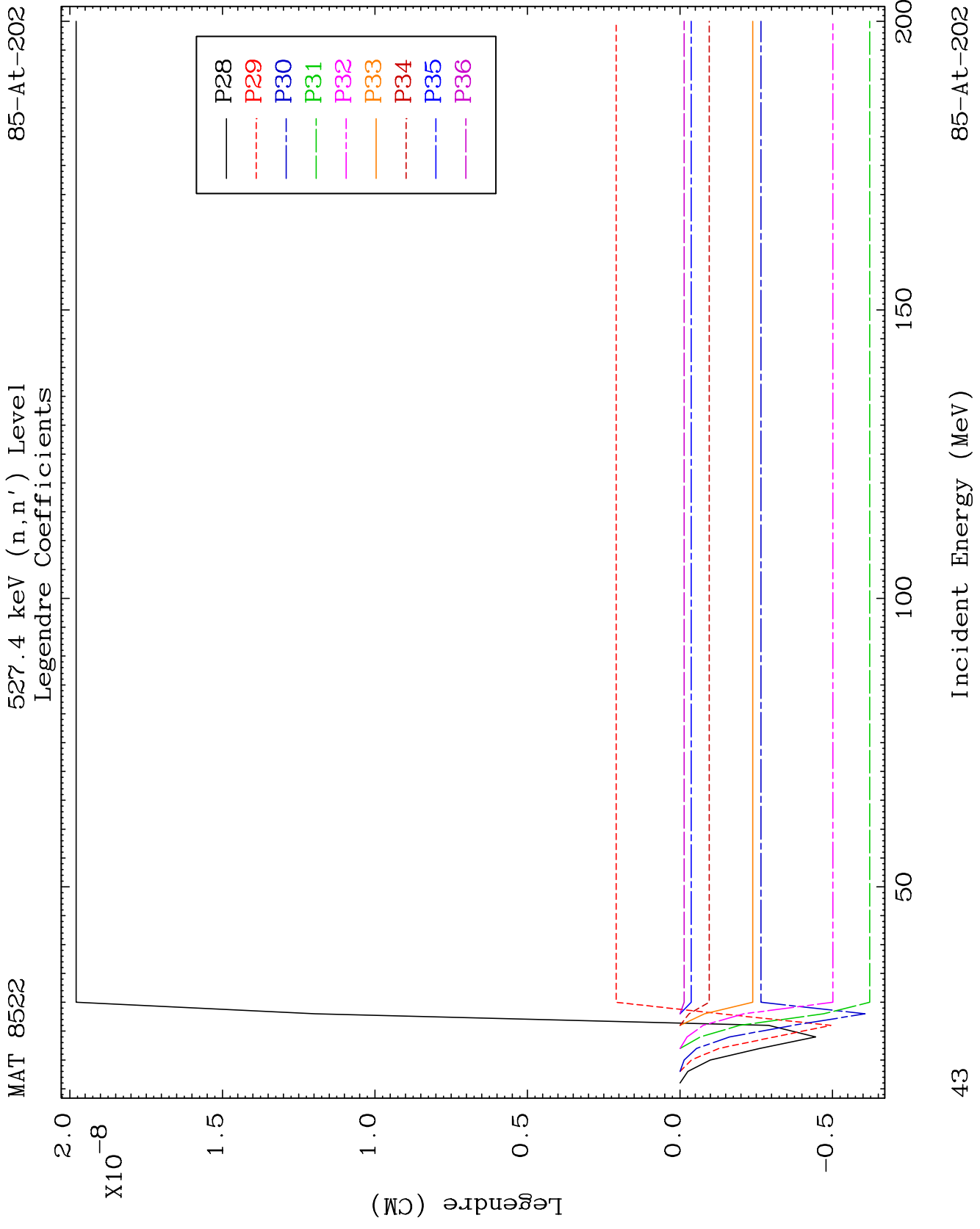
85-At-202



42

Incident Energy (MeV)

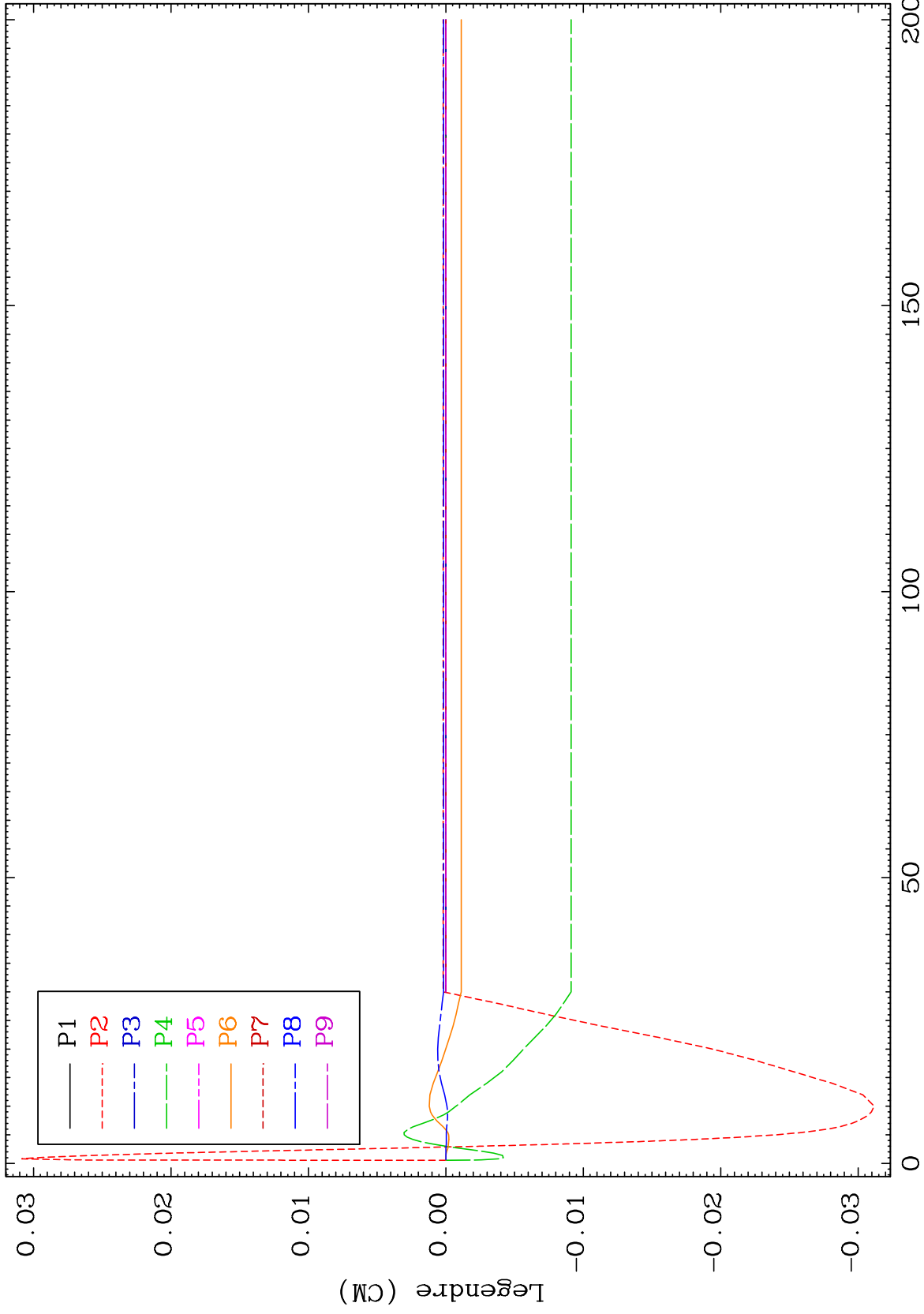
85-At-202



MAT 8522

529.3 keV (n,n') Level
Legendre Coefficients

85-At-202



85-At-202

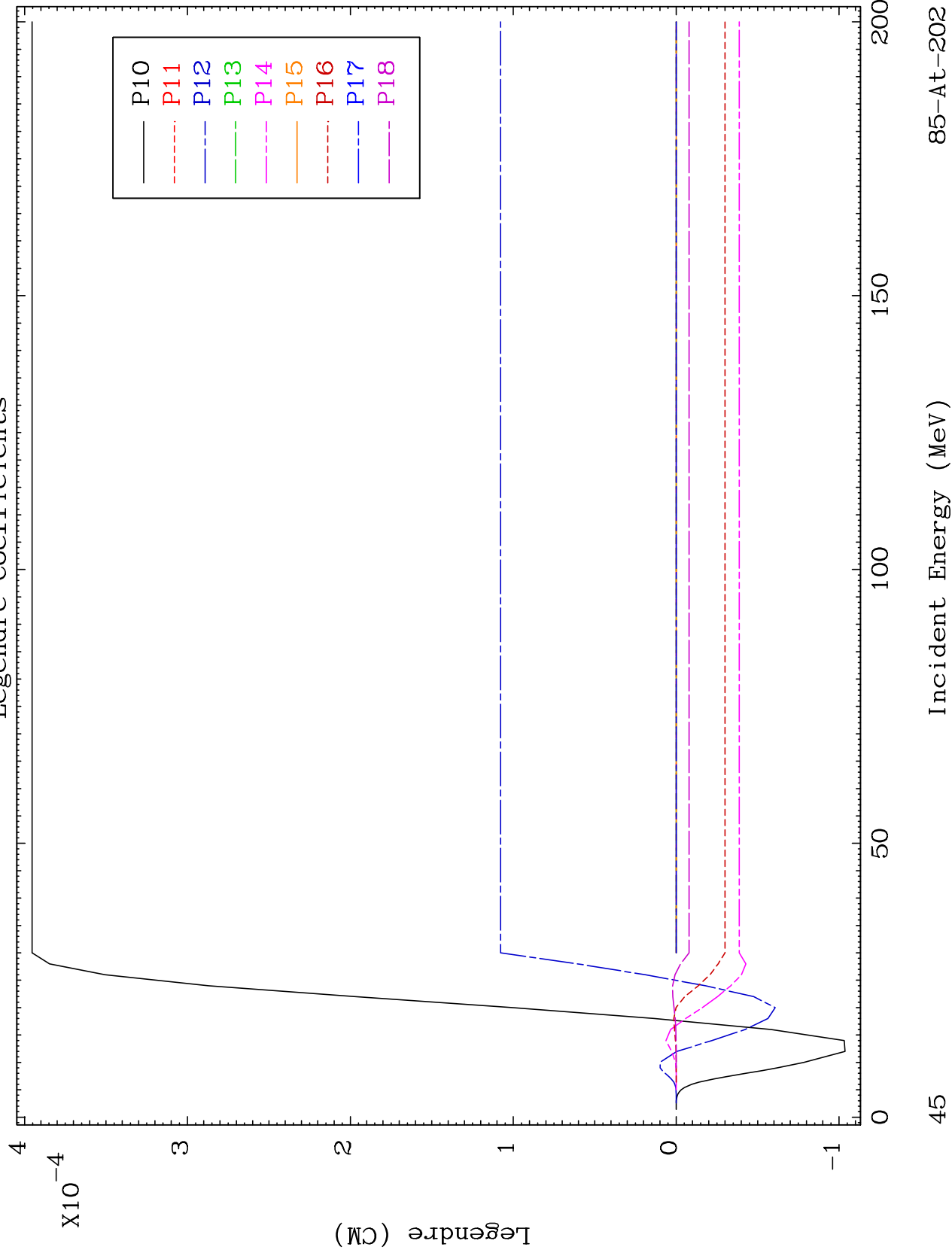
Incident Energy (MeV)

44

MAT 8522

529.3 keV (n,n') Level
Legendre Coefficients

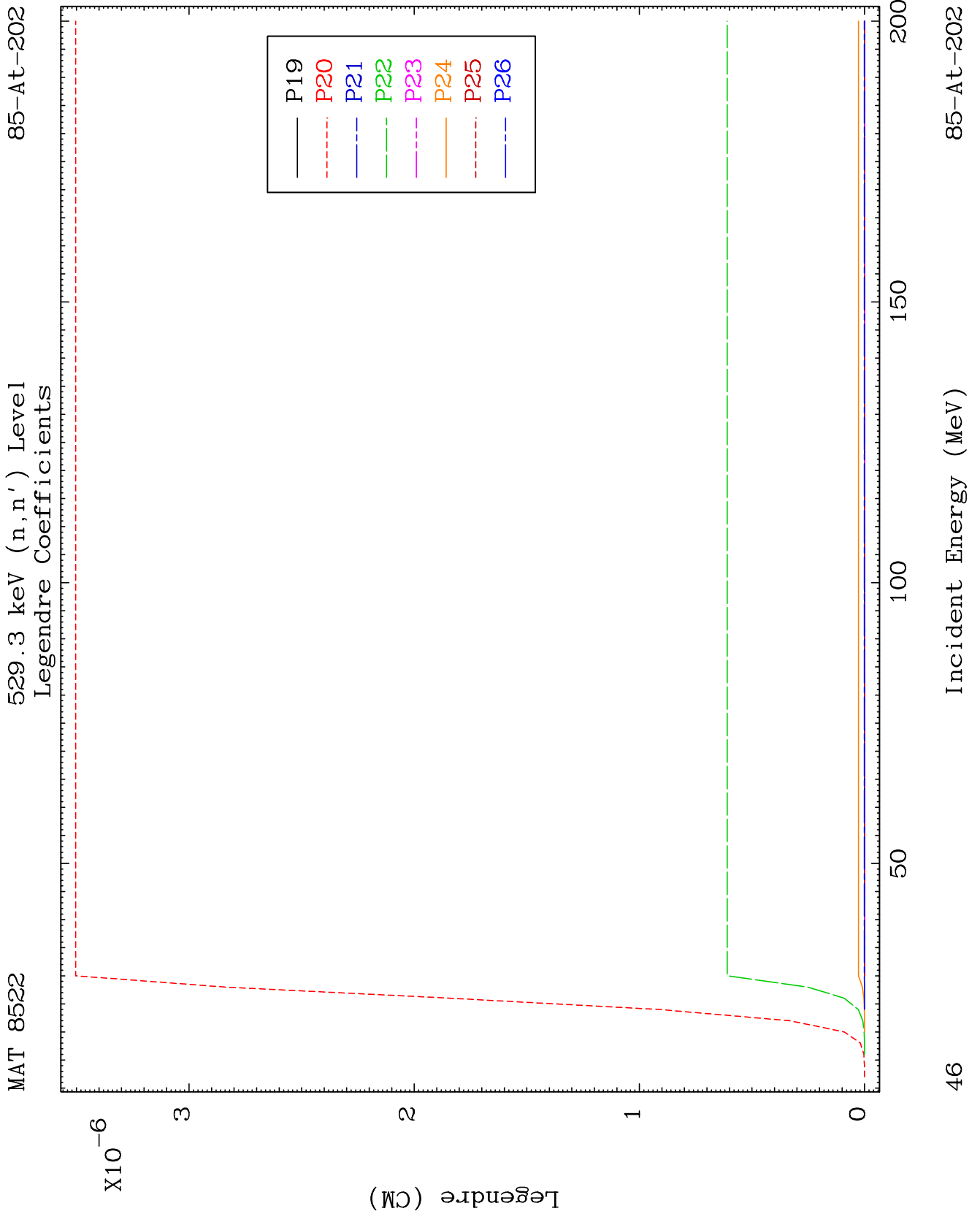
85-At-202



85-At-202

Incident Energy (MeV)

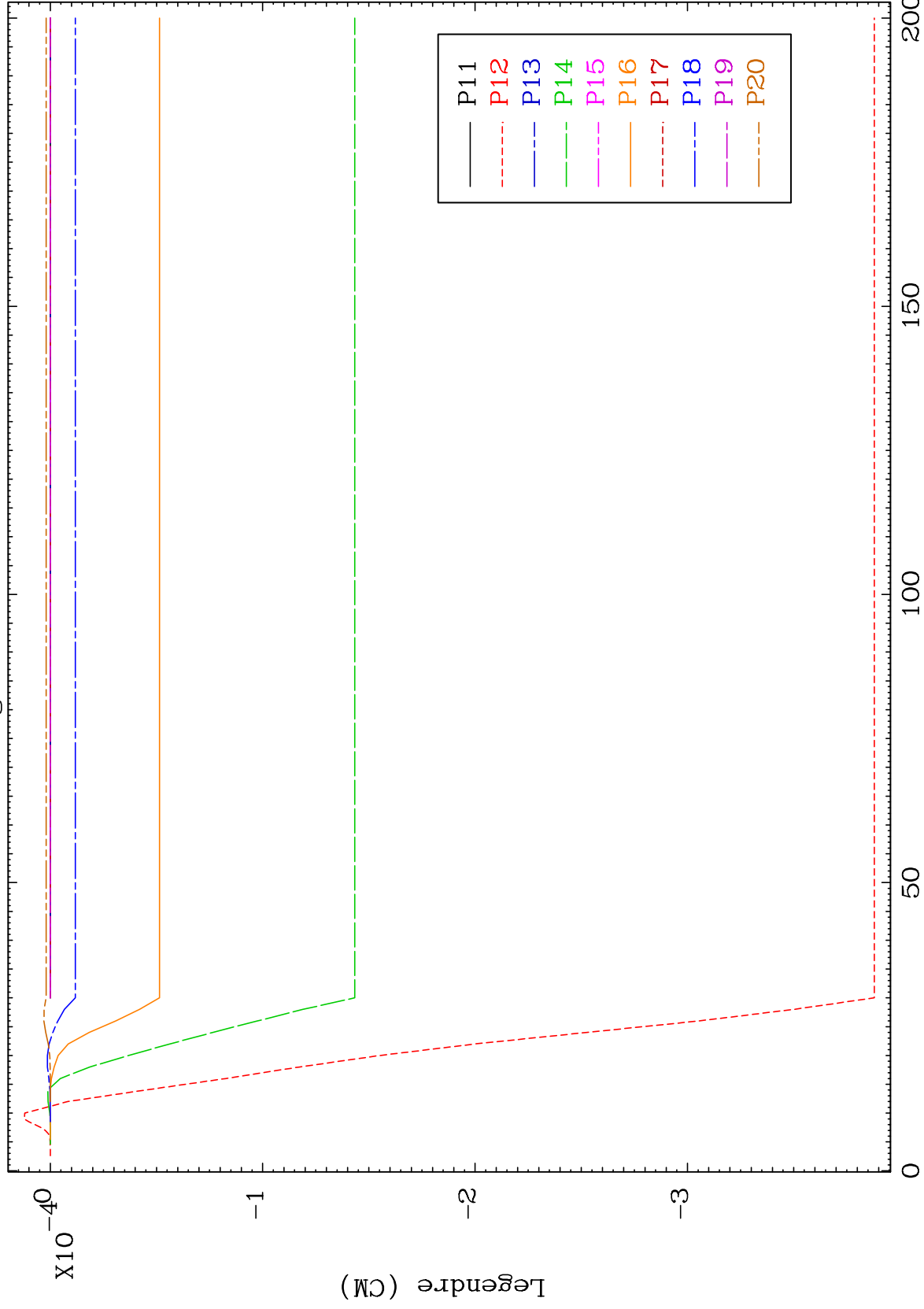
45



MAT 8522

534.8 keV (n,n') Level
Legendre Coefficients

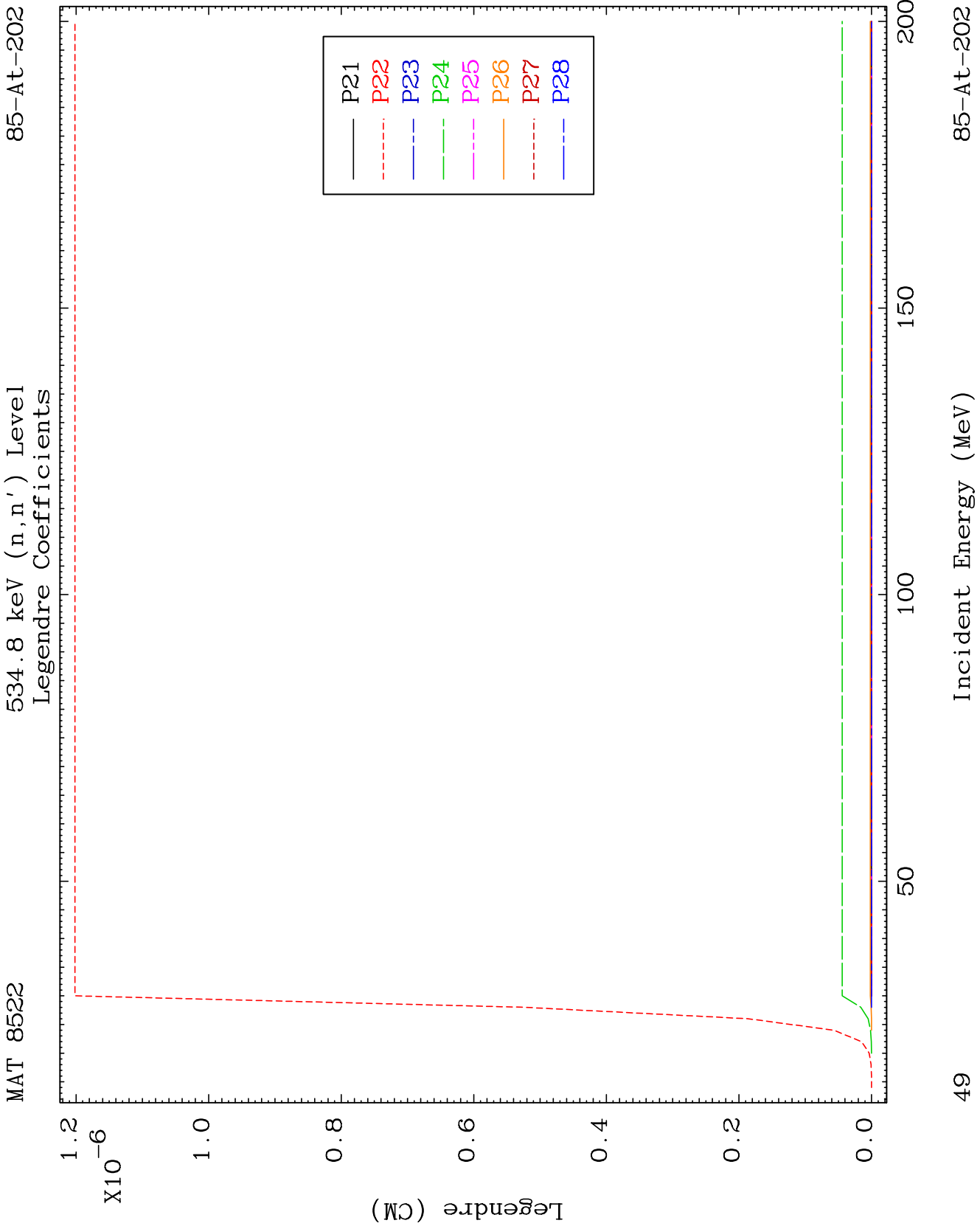
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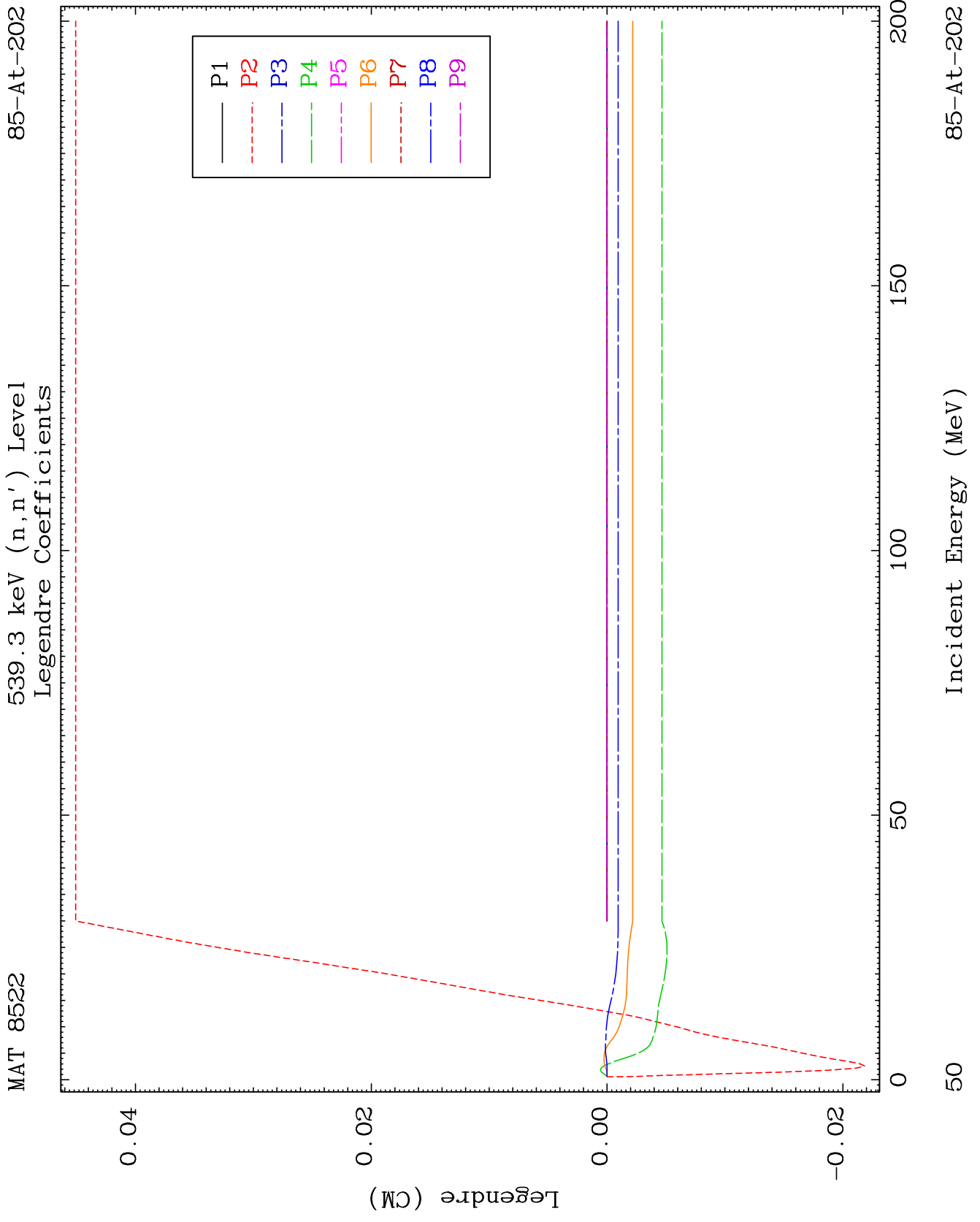


48

Incident Energy (MeV)

85-At-202

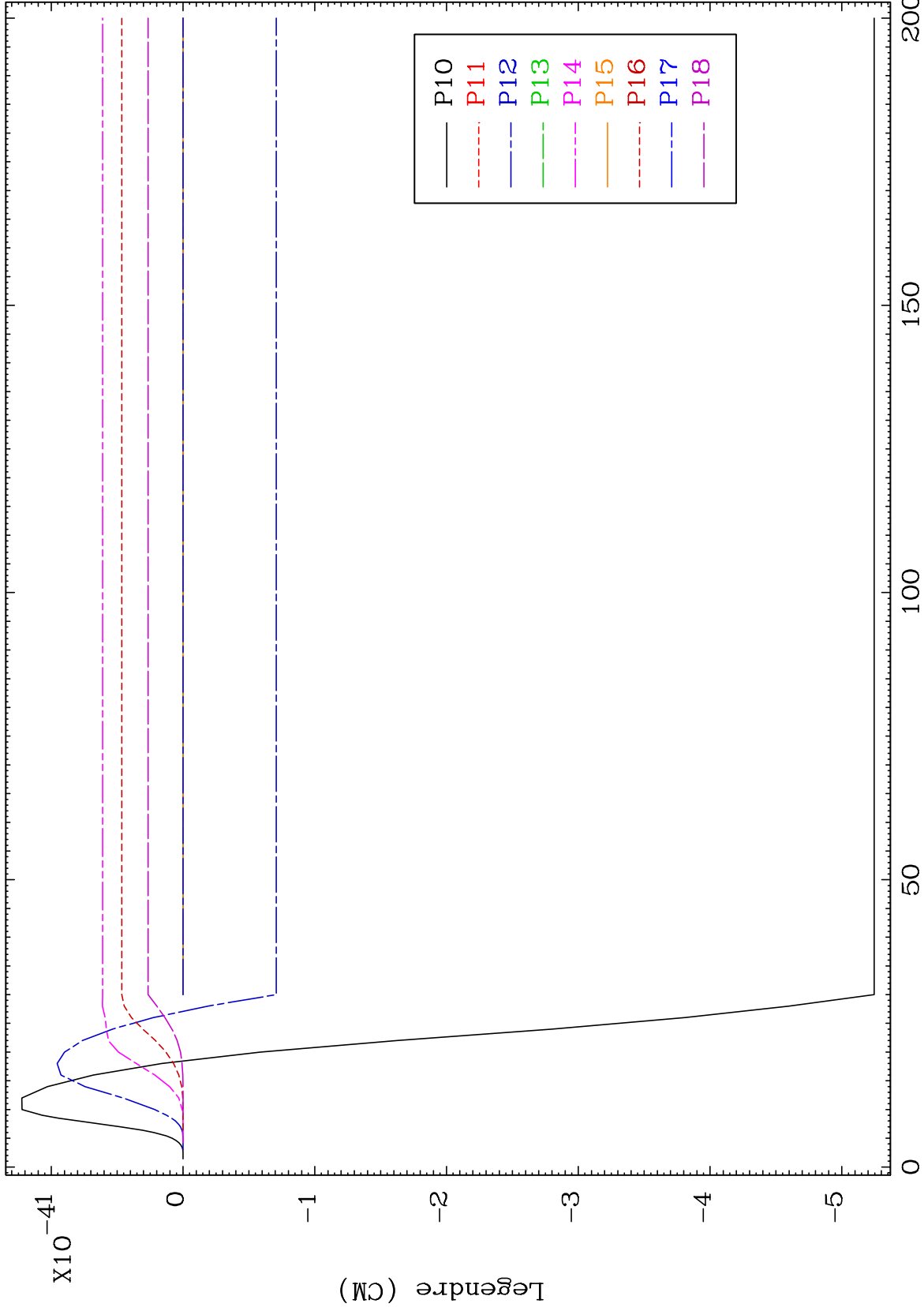




MAT 8522

539.3 keV (n,n') Level
Legendre Coefficients

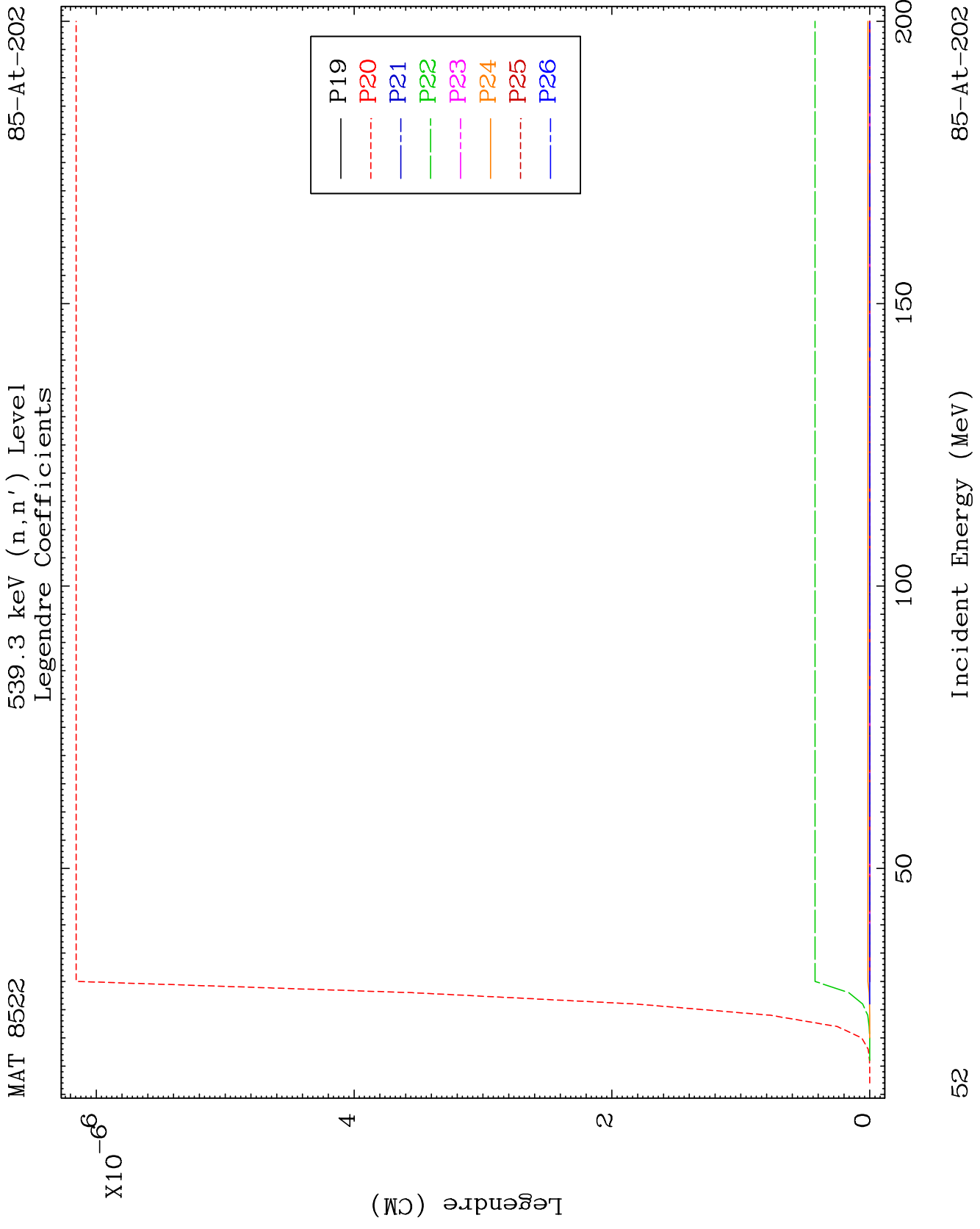
85-At-202



51

Incident Energy (MeV)

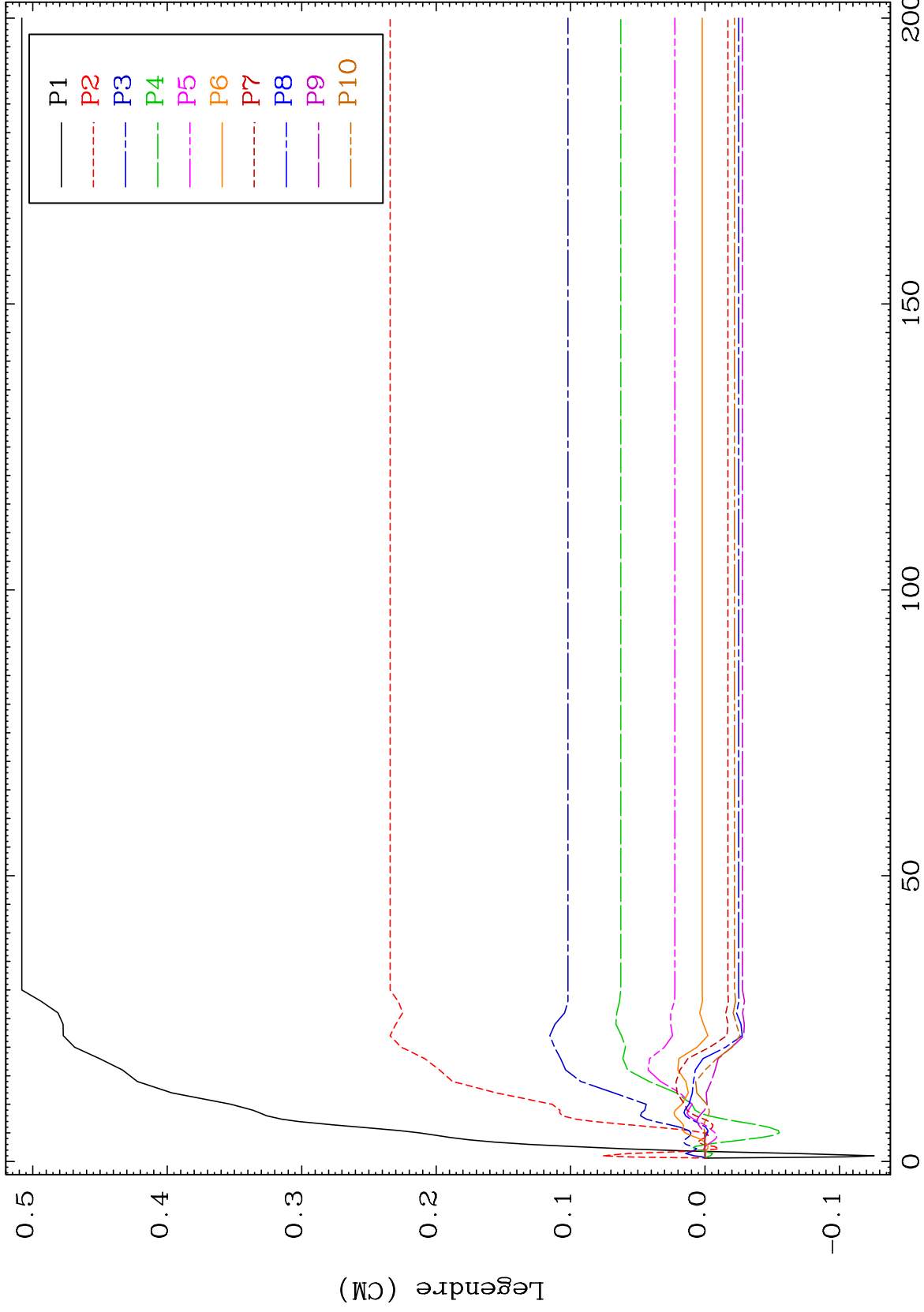
85-At-202



MAT 8522

540.7 keV (n,n') Level
Legendre Coefficients

85-At-202



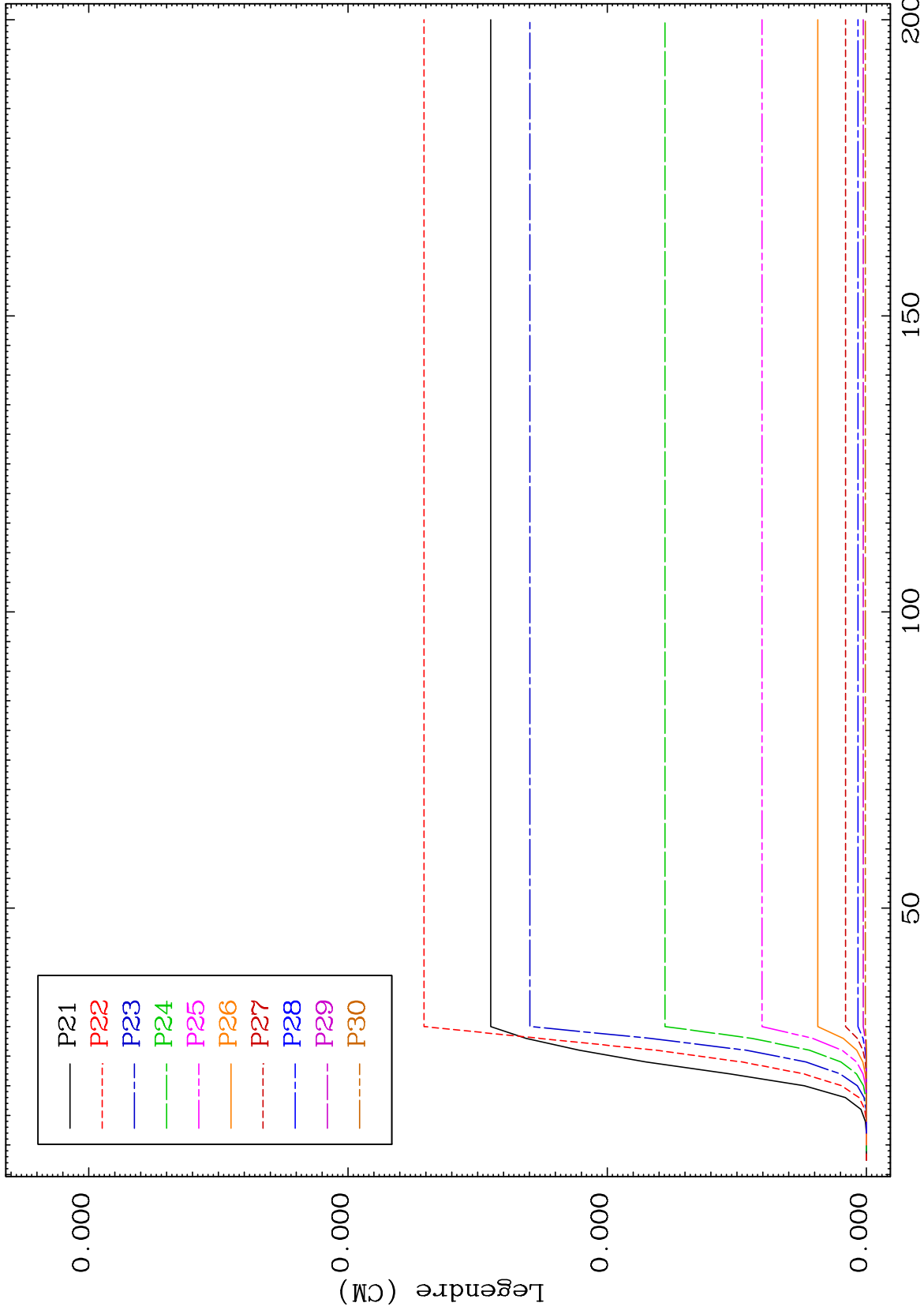
53

85-At-202

MAT 85222

540.7 keV (n,n') Level
Legendre Coefficients

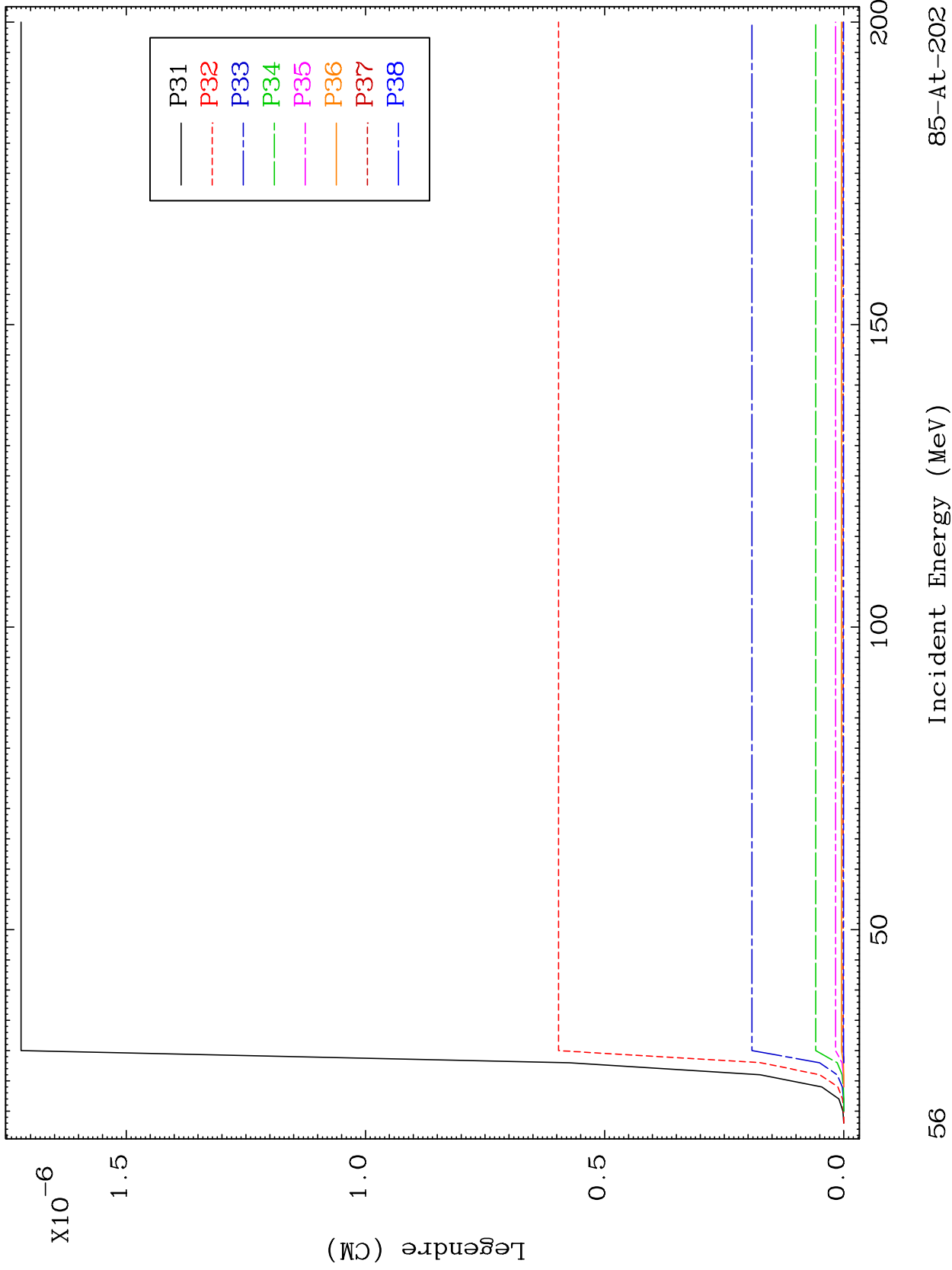
85-At-202



55

Incident Energy (MeV)

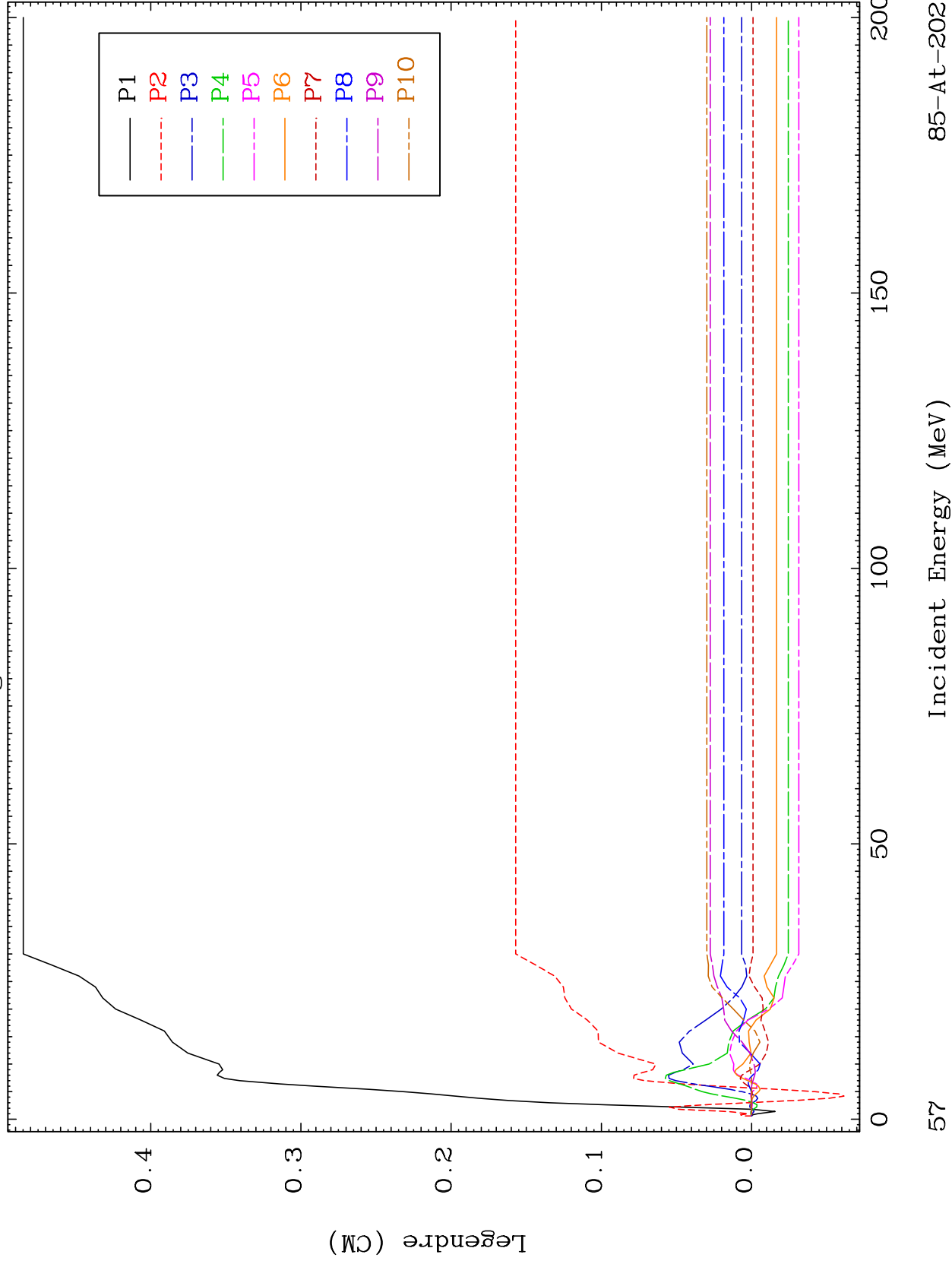
85-At-202



MAT 85222

577.2 keV (n,n') Level
Legendre Coefficients

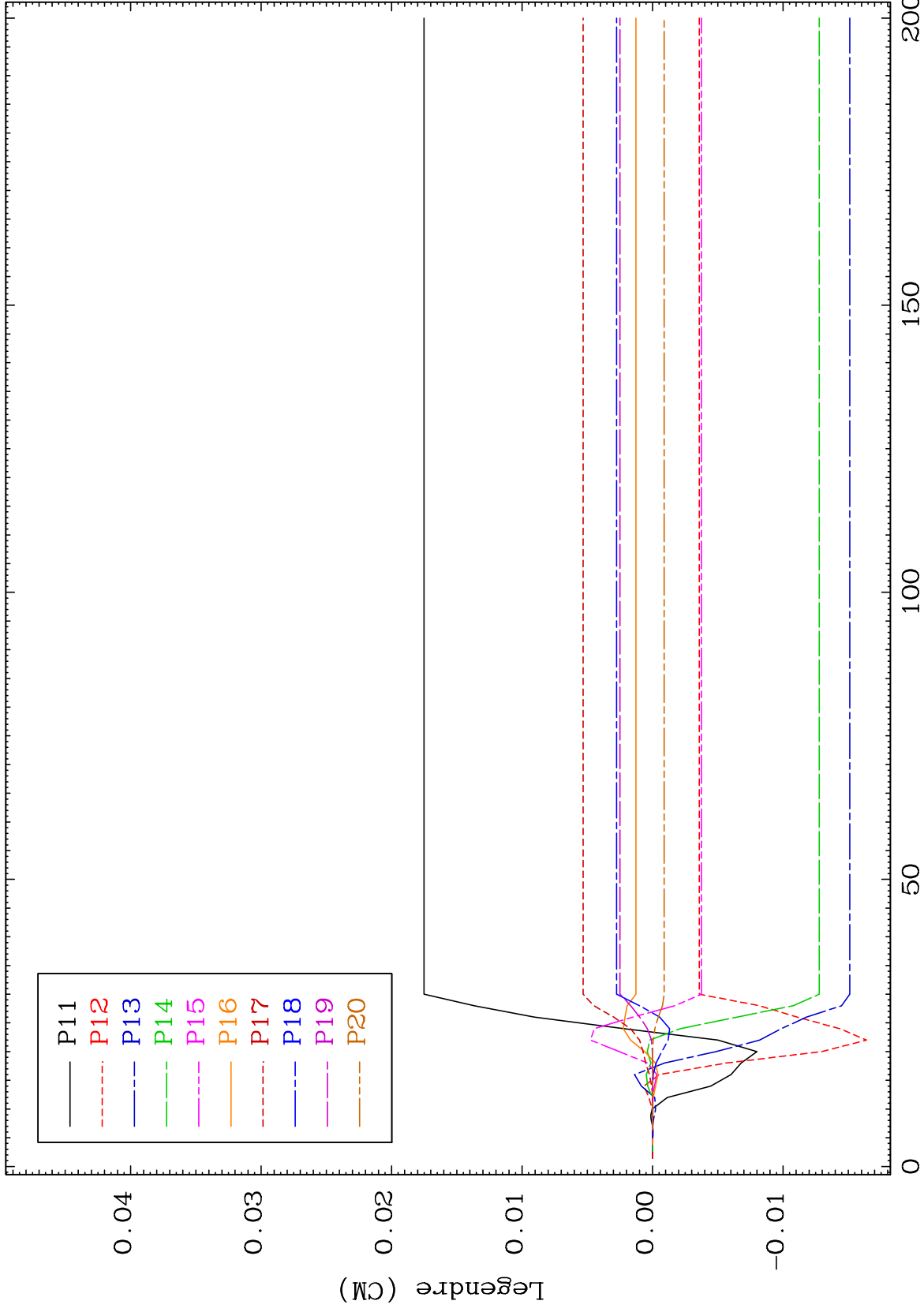
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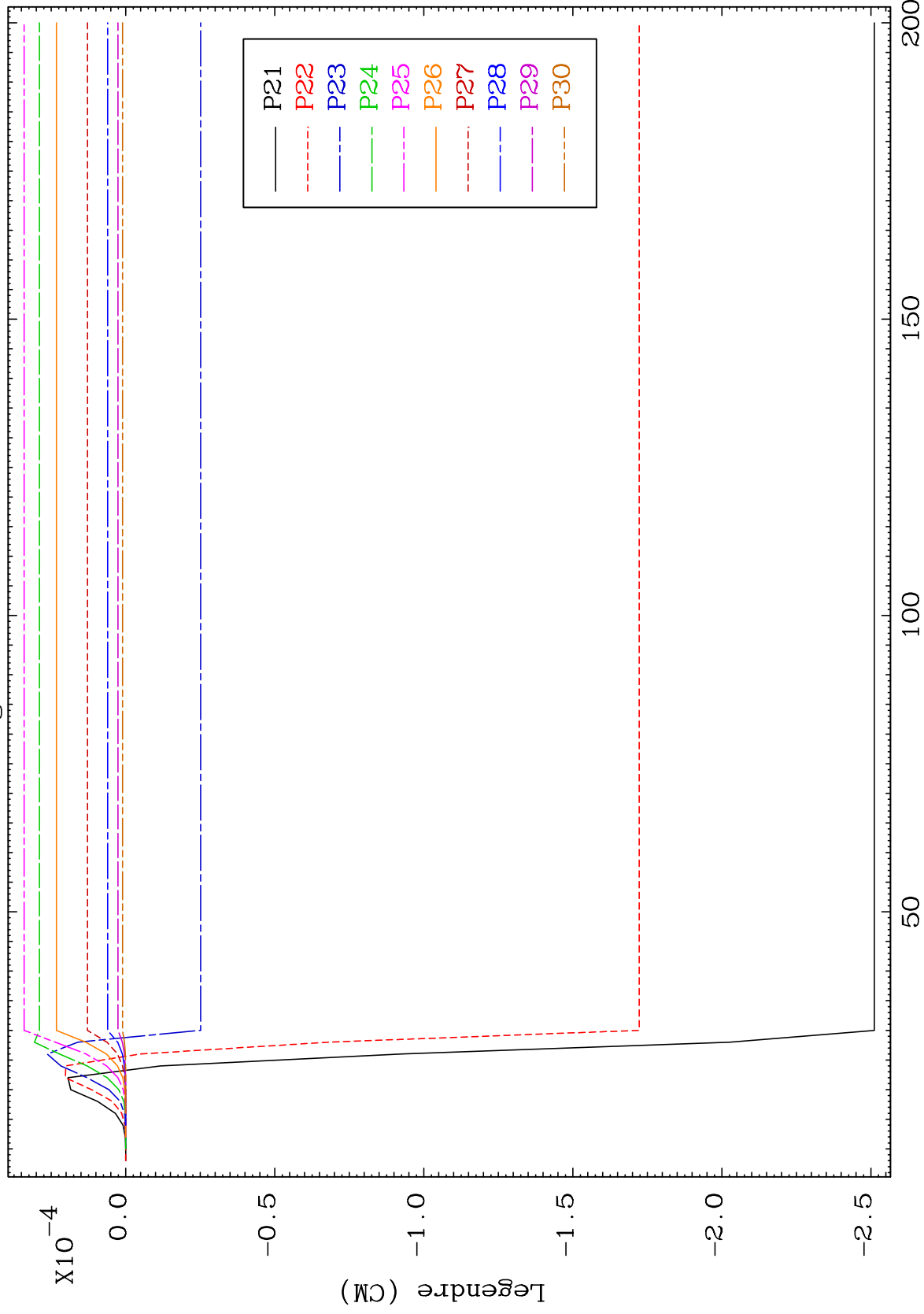


85-At-202

Incident Energy (MeV)

57

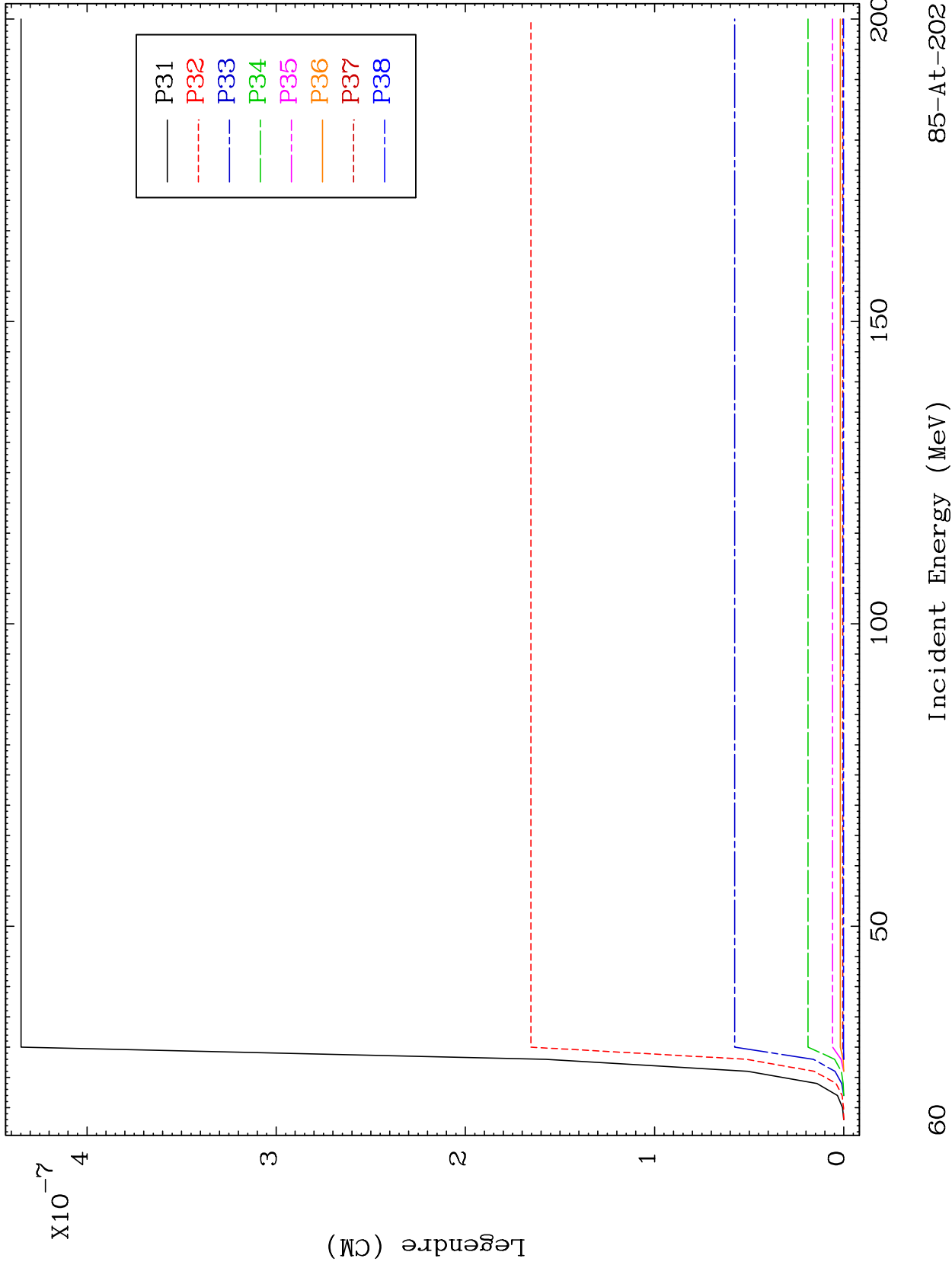




MAT 85222

577.2 keV (n,n') Level
Legendre Coefficients

85-At-202

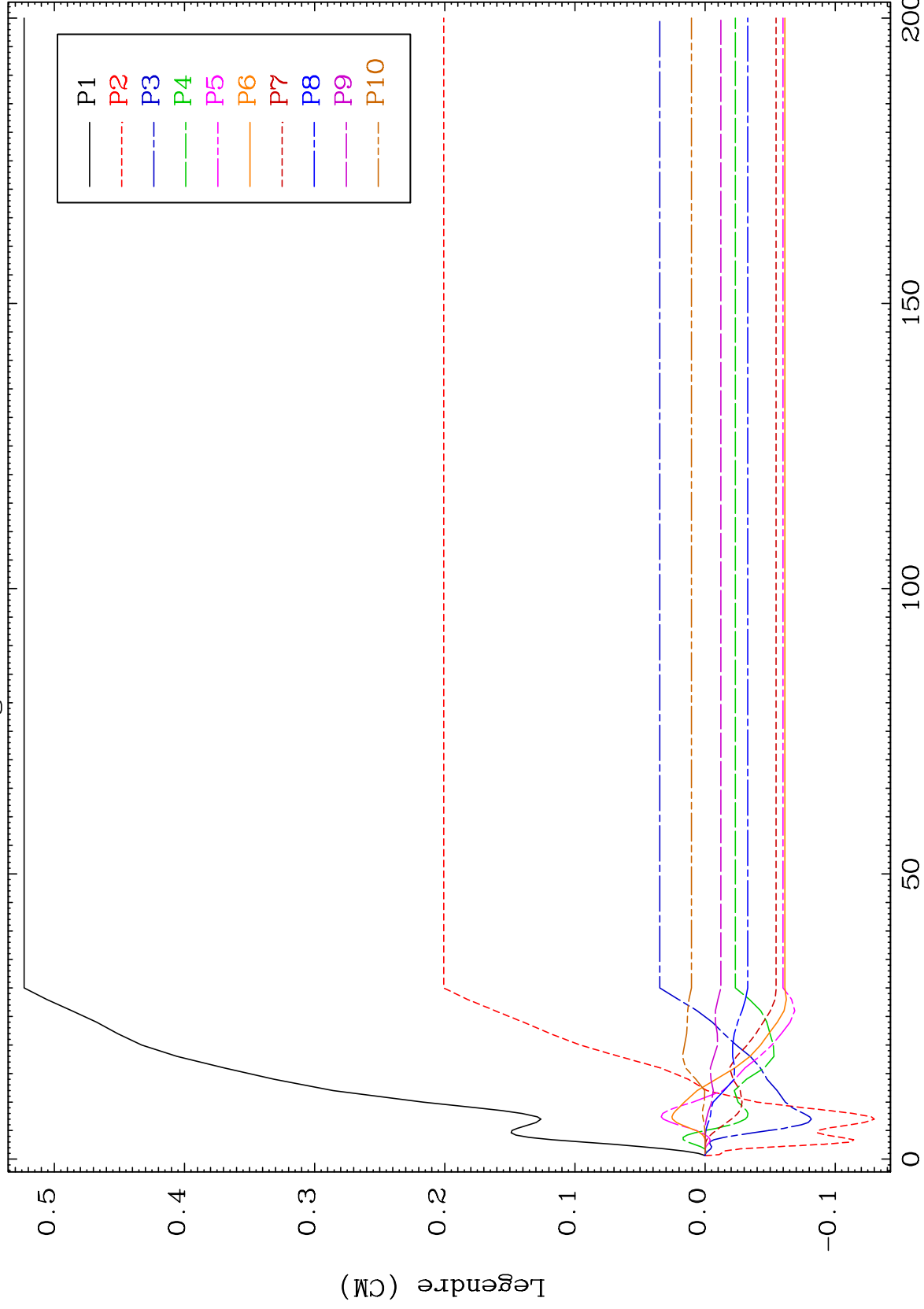


85-At-202

MAT 85222

586.4 keV (n,n') Level
Legendre Coefficients

85-At-202



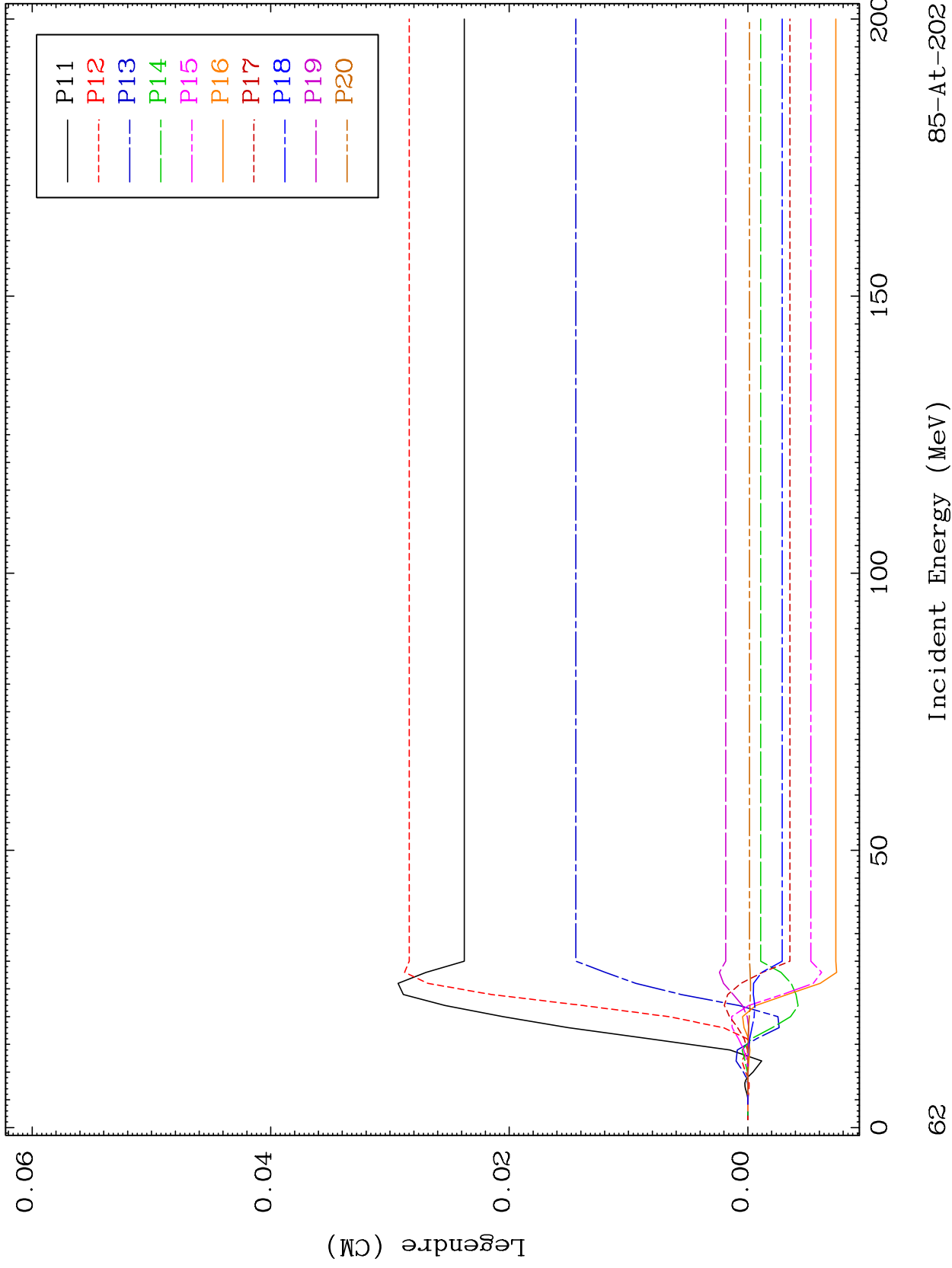
61

85-At-202

MAT 85222

586.4 keV (n,n') Level
Legendre Coefficients

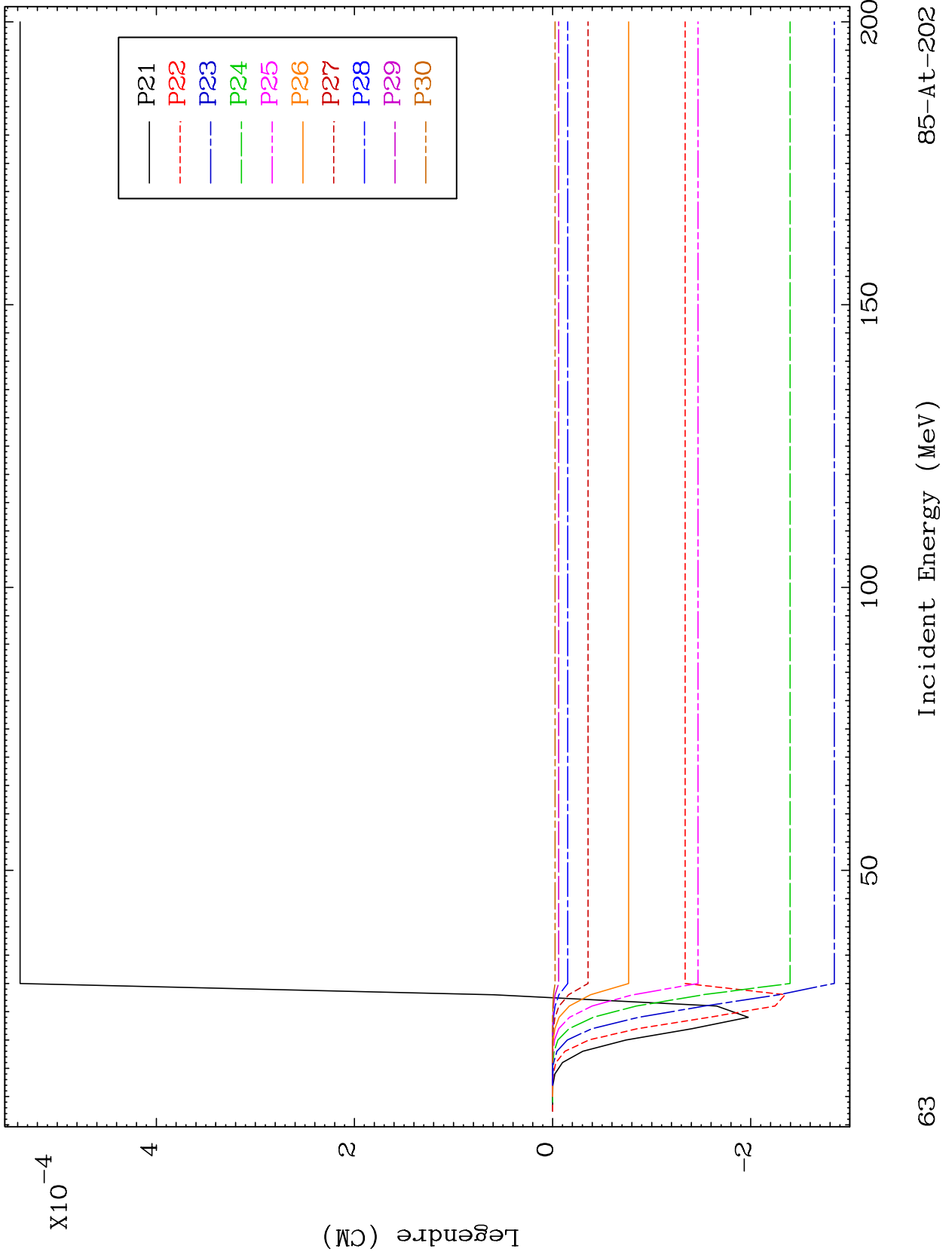
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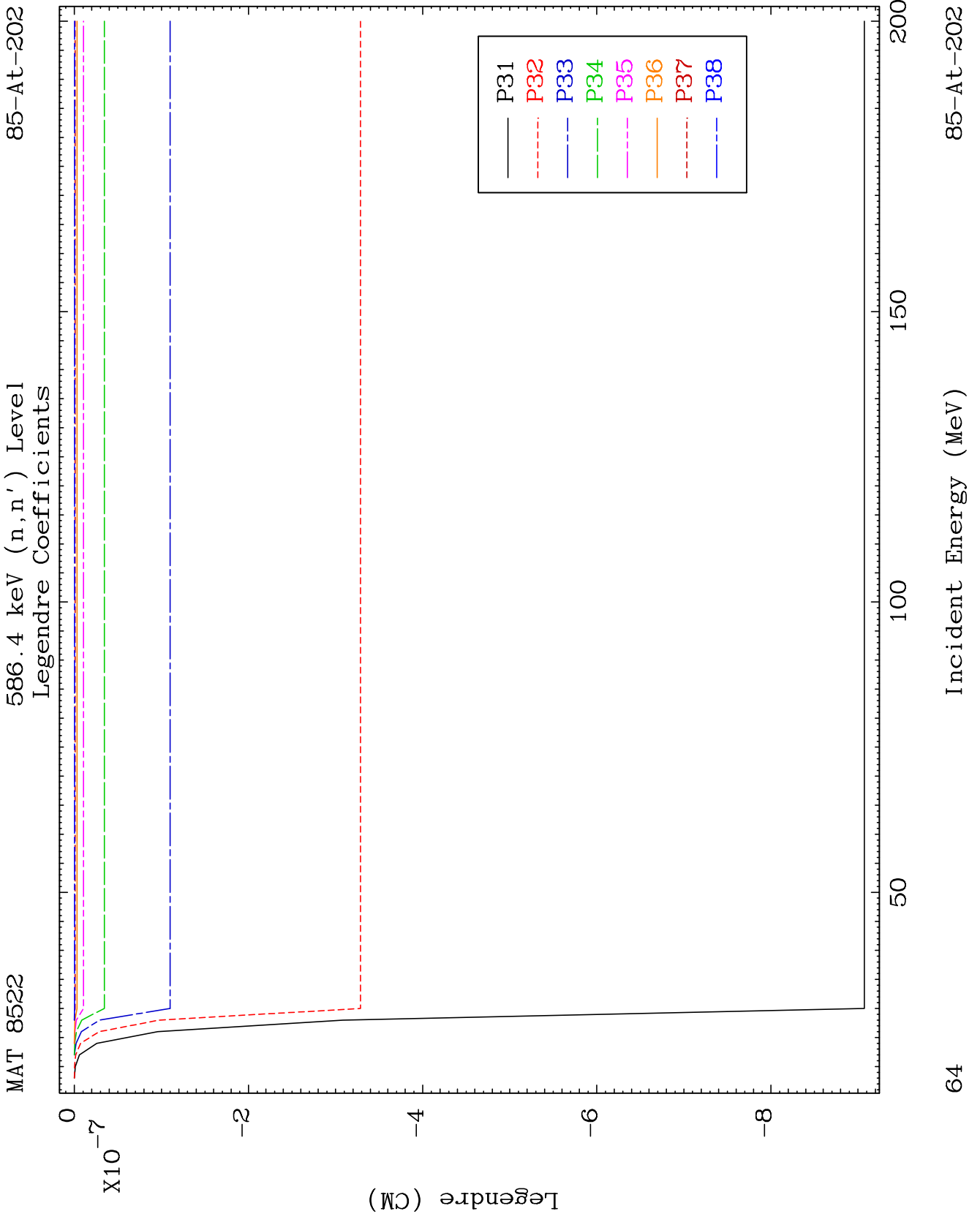


85-At-202

Incident Energy (MeV)

62

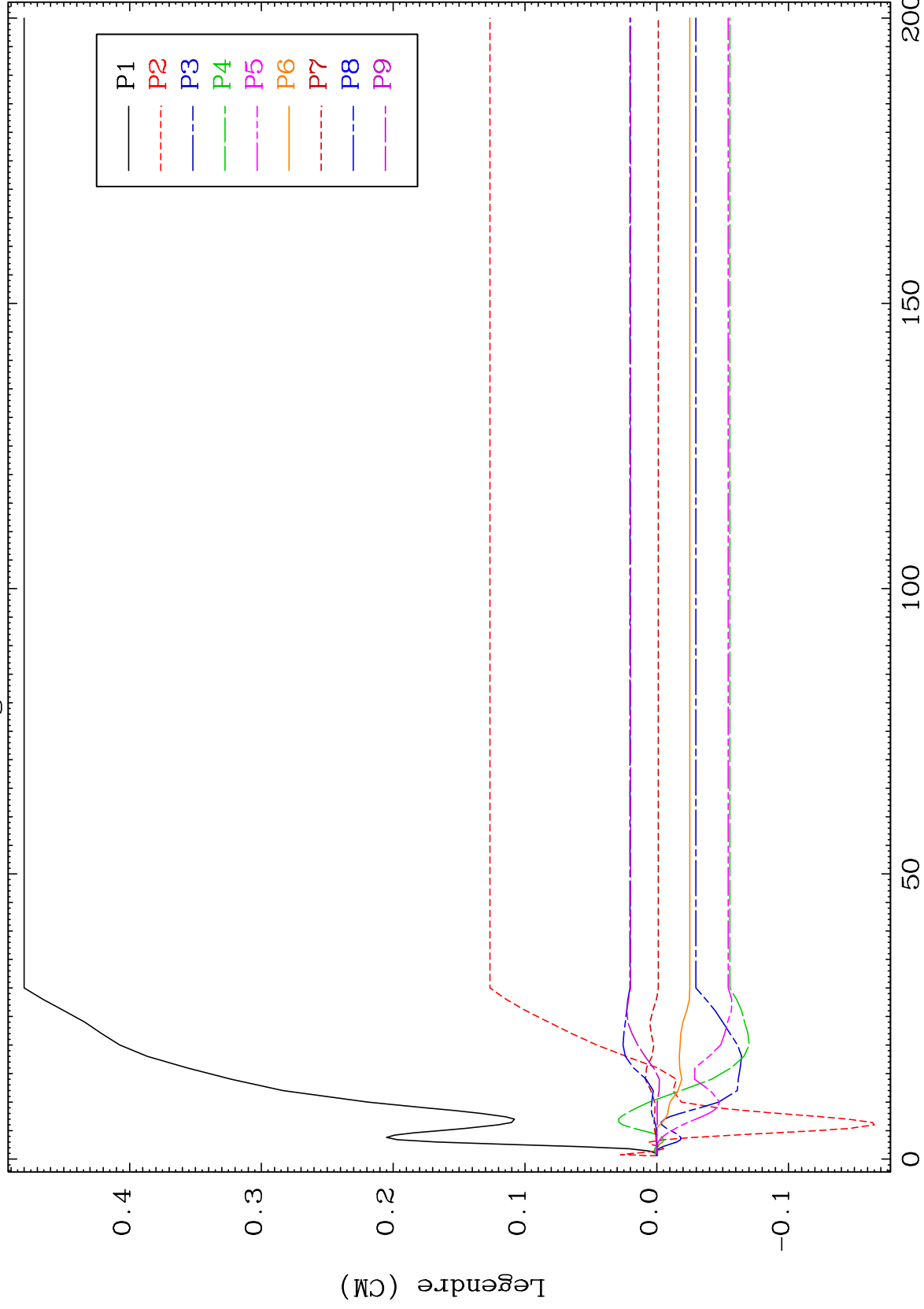




MAT 85222

588.4 keV (n,n') Level
Legendre Coefficients

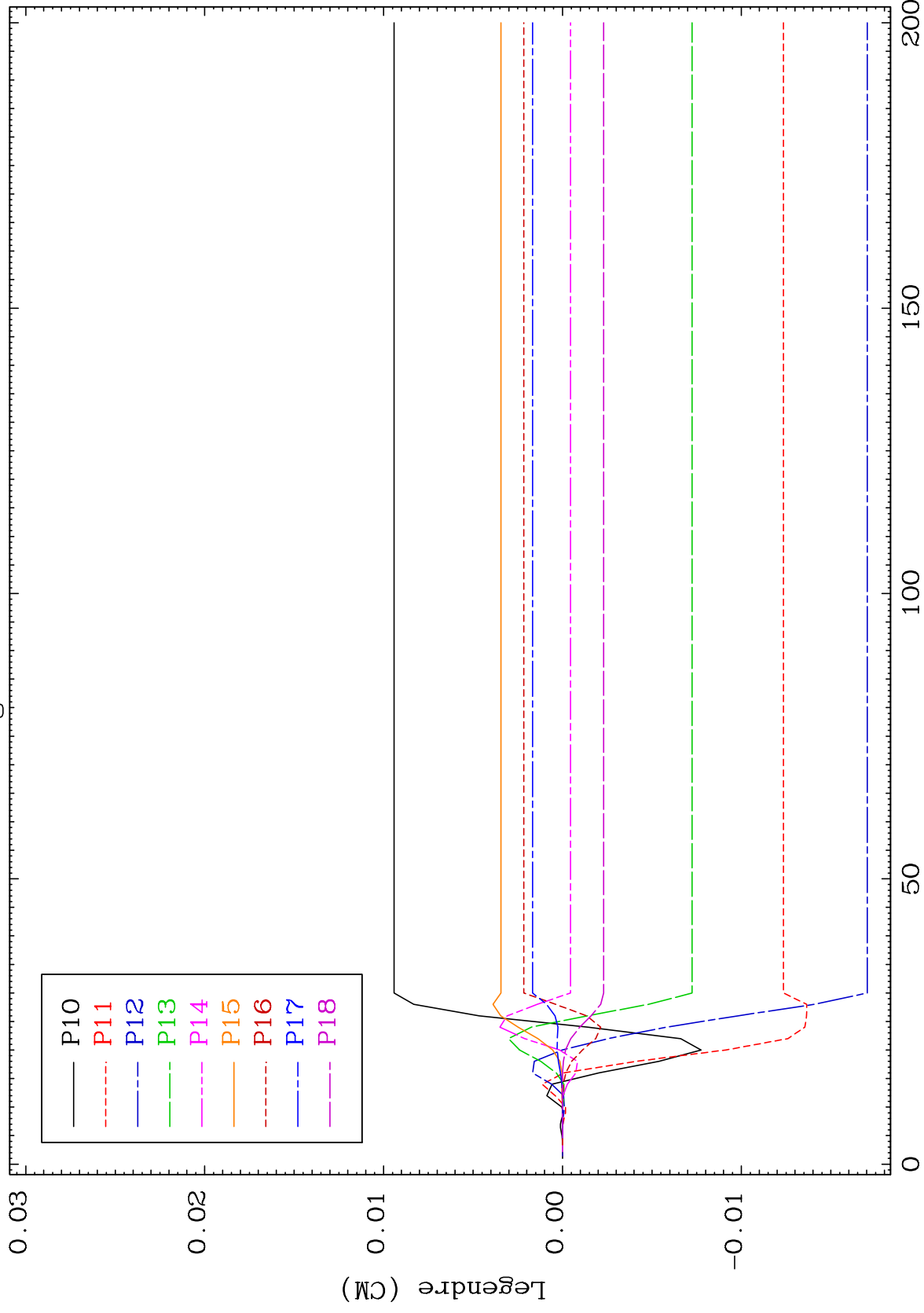
85-At-202



65

Incident Energy (MeV)

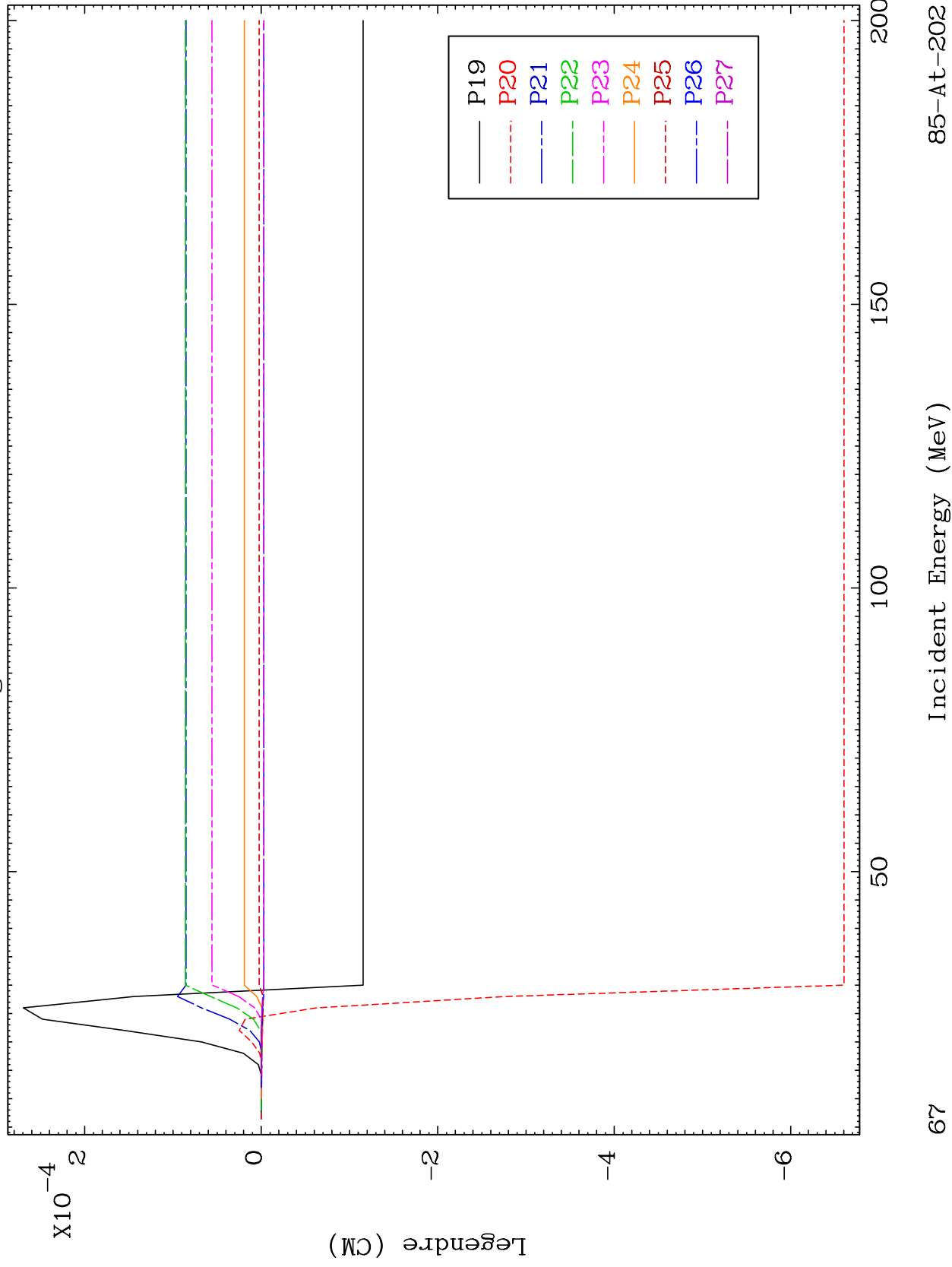
85-At-202



MAT 85222

588.4 keV (n,n') Level
Legendre Coefficients

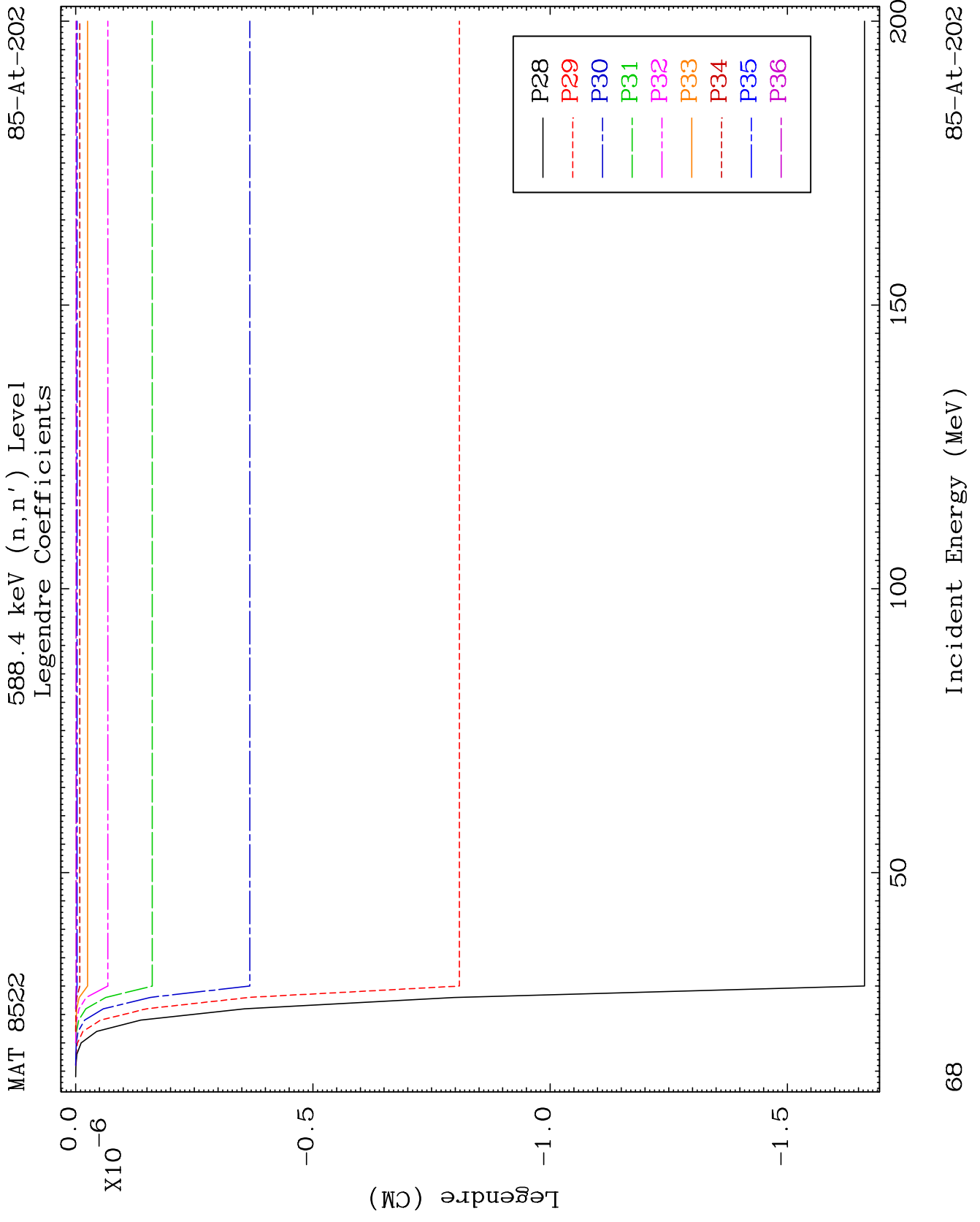
85-At-202



67

Incident Energy (MeV)

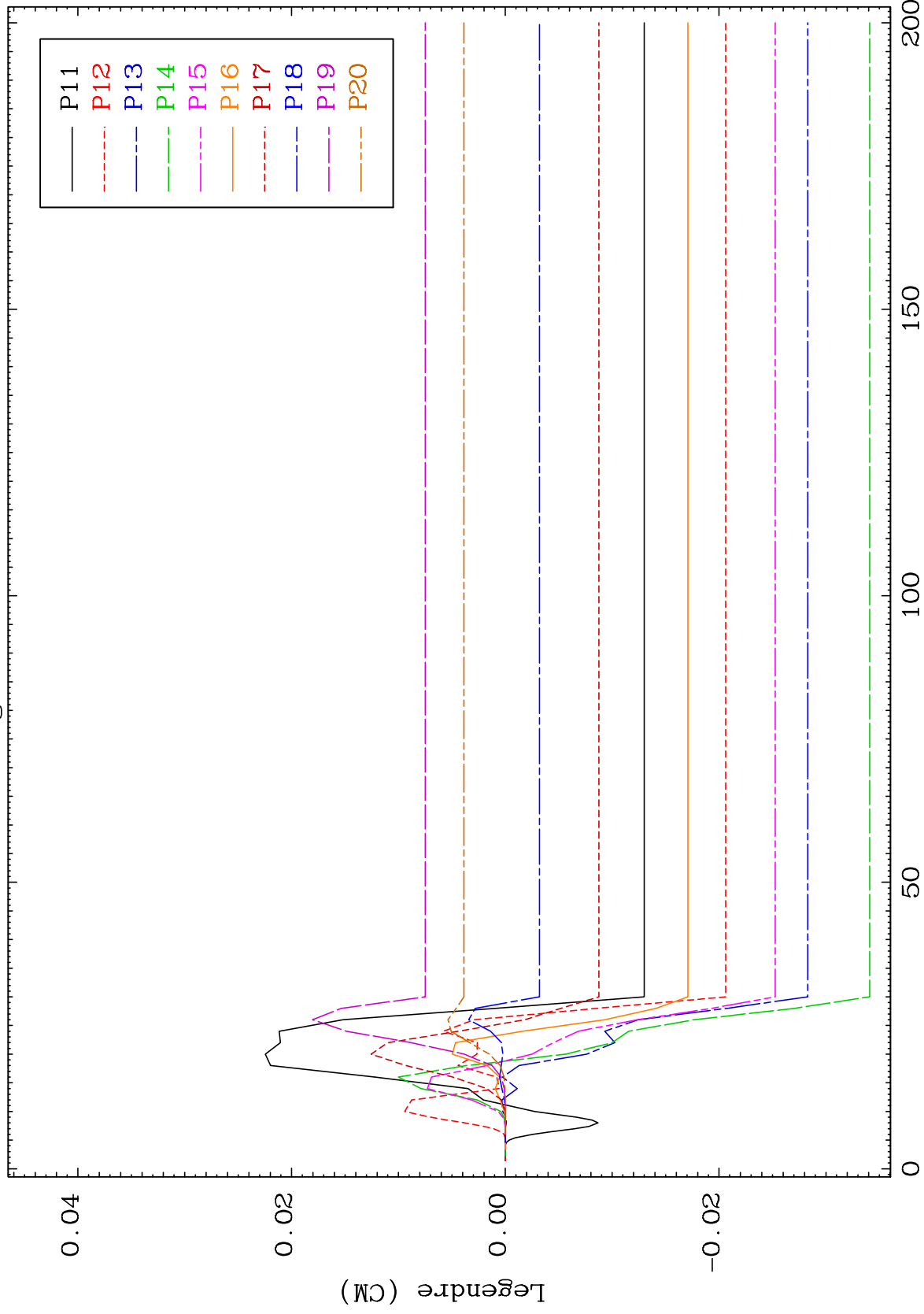
85-At-202



MAT 85222

613.6 keV (n,n') Level
Legendre Coefficients

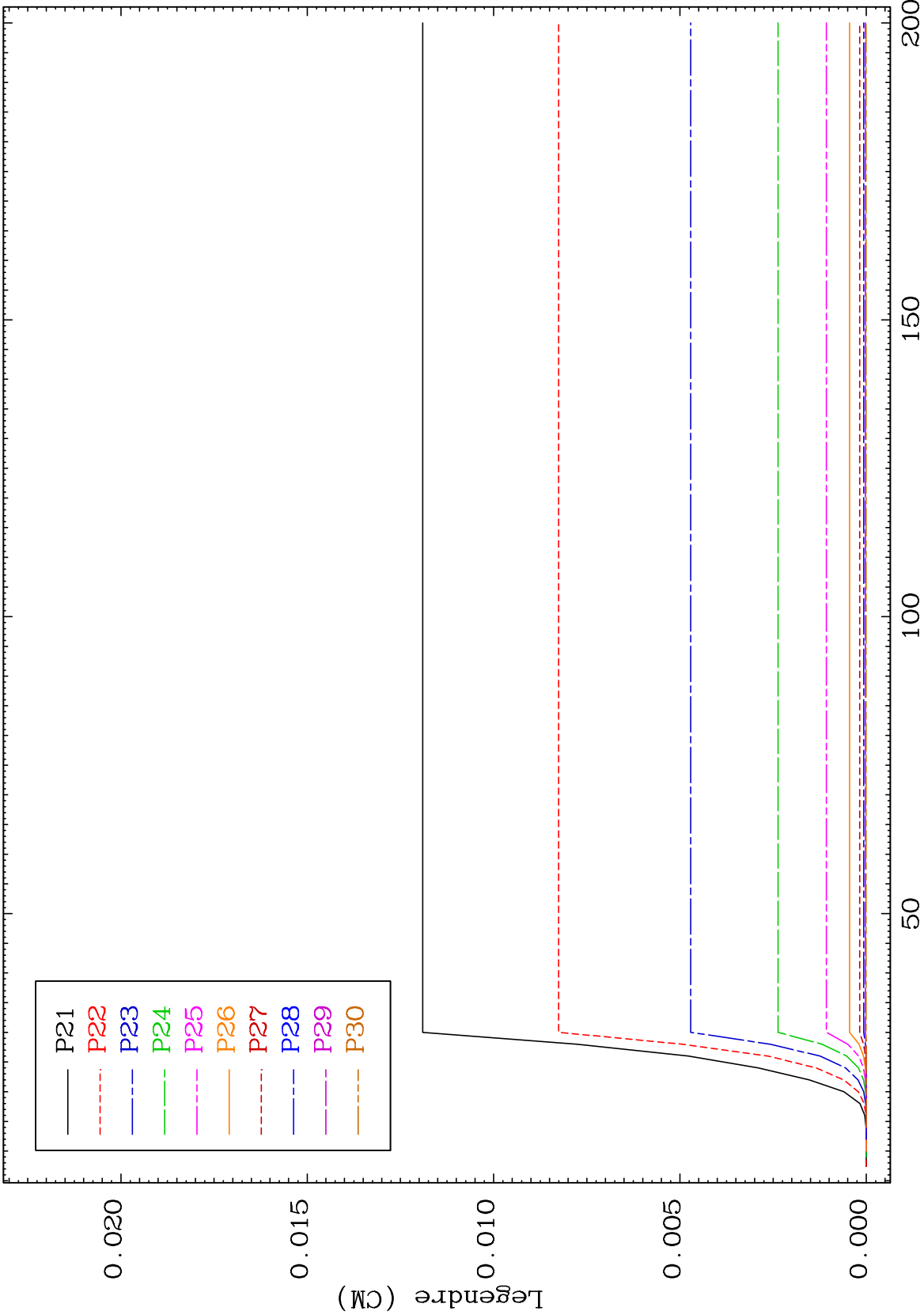
85-At-202

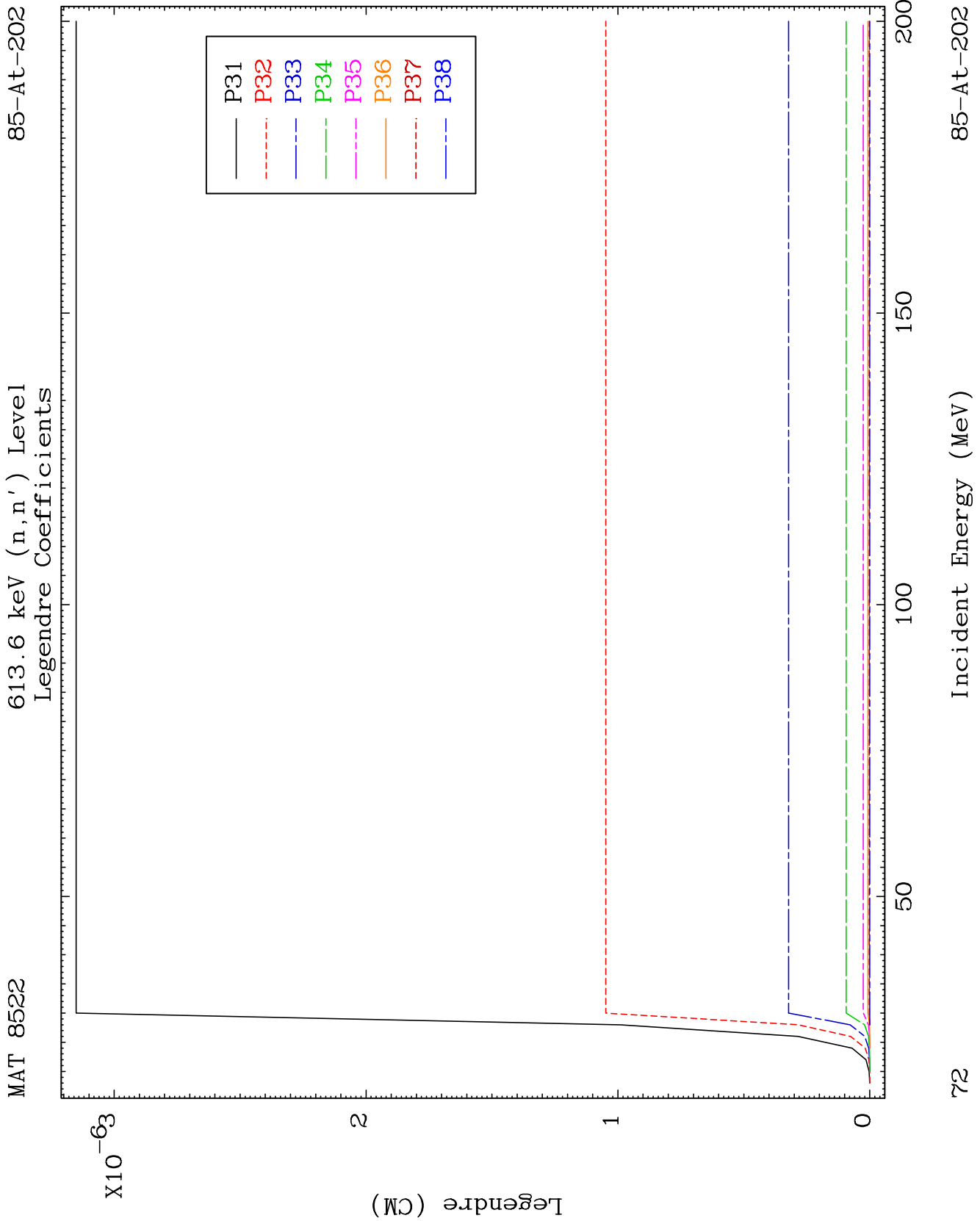


85-At-202

Incident Energy (MeV)

70

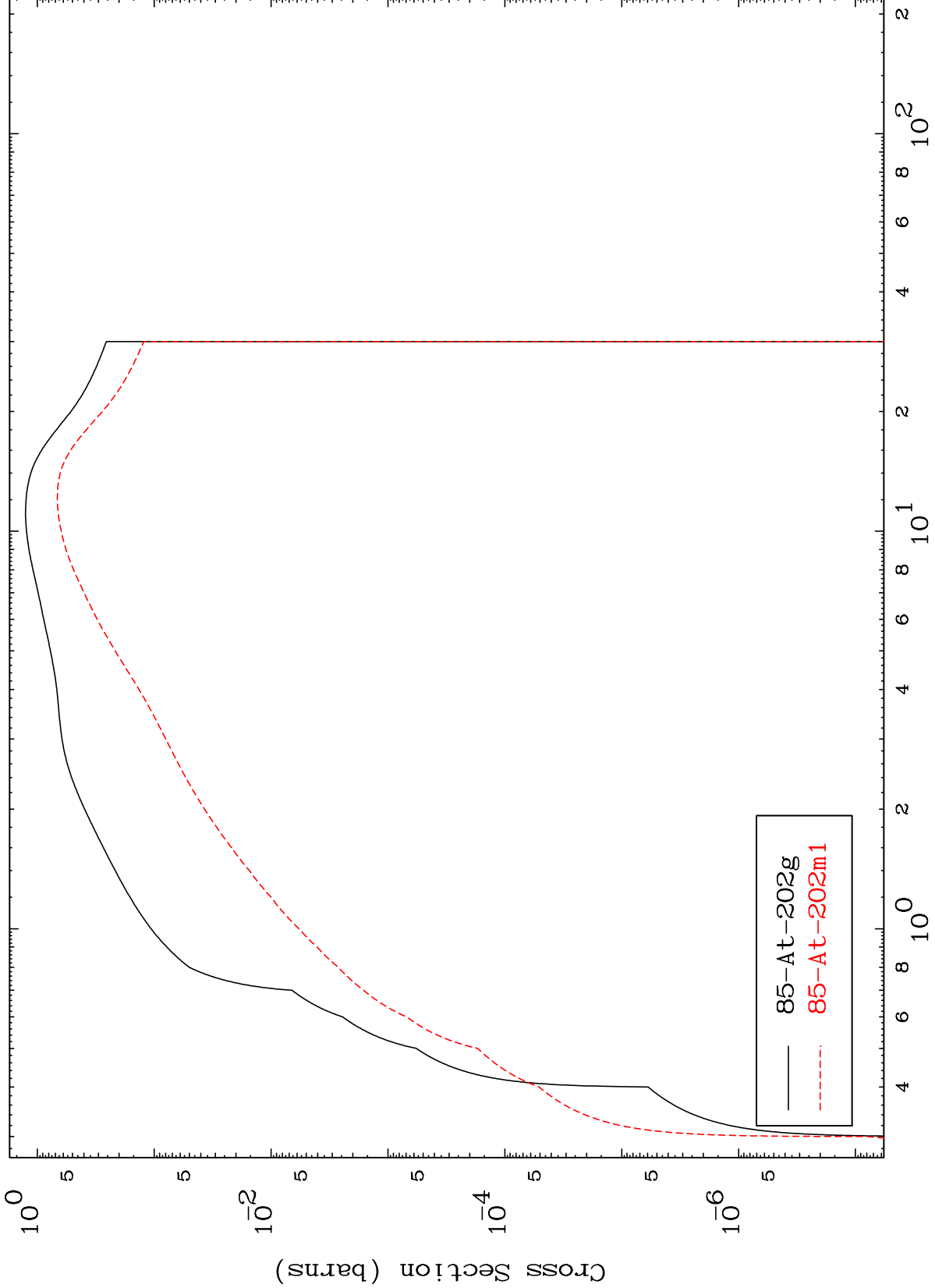




MAT 85222

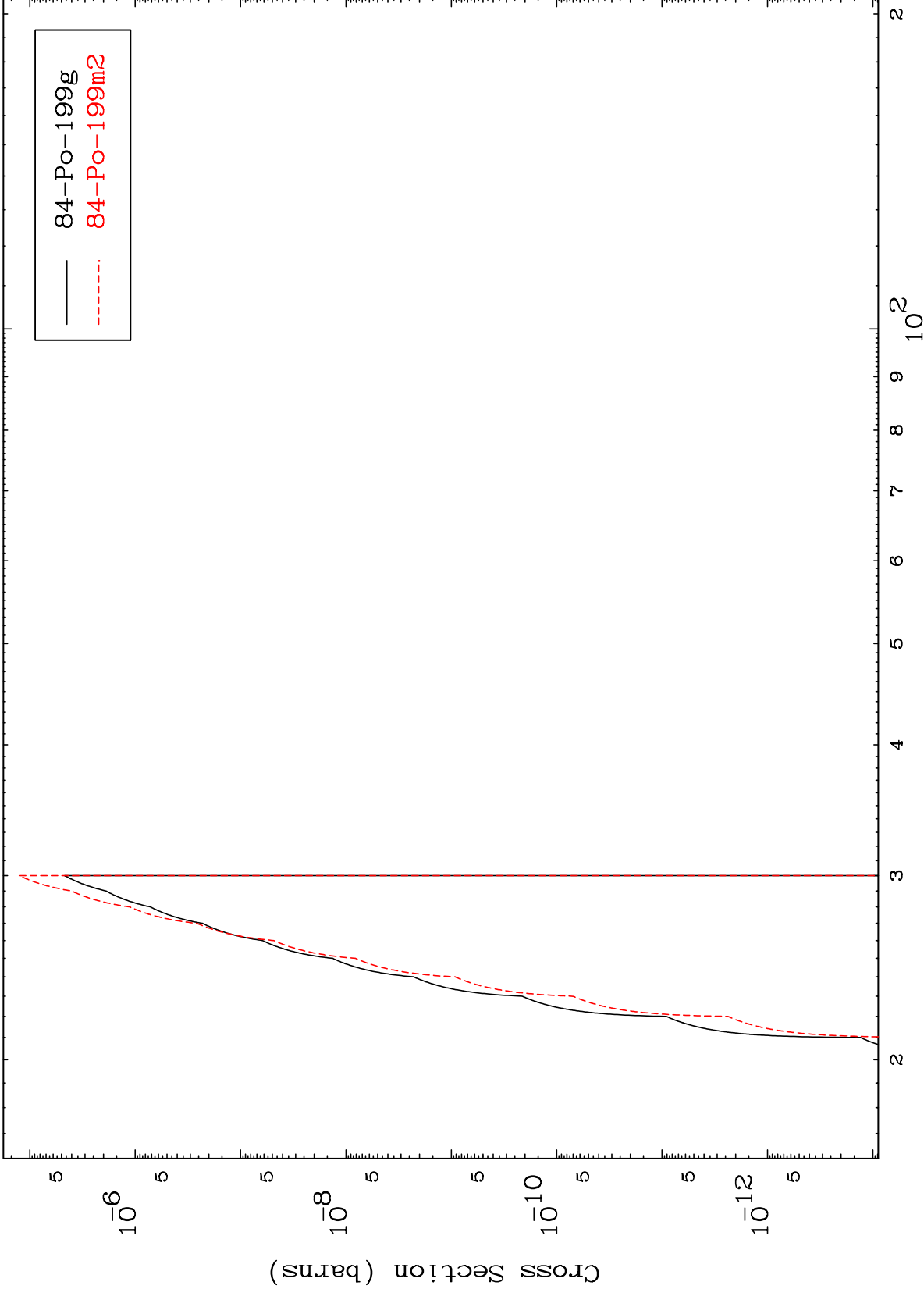
Inelastic
Radionuclide Production Cross Section

85-At-202



85-At-202g
85-At-202m1

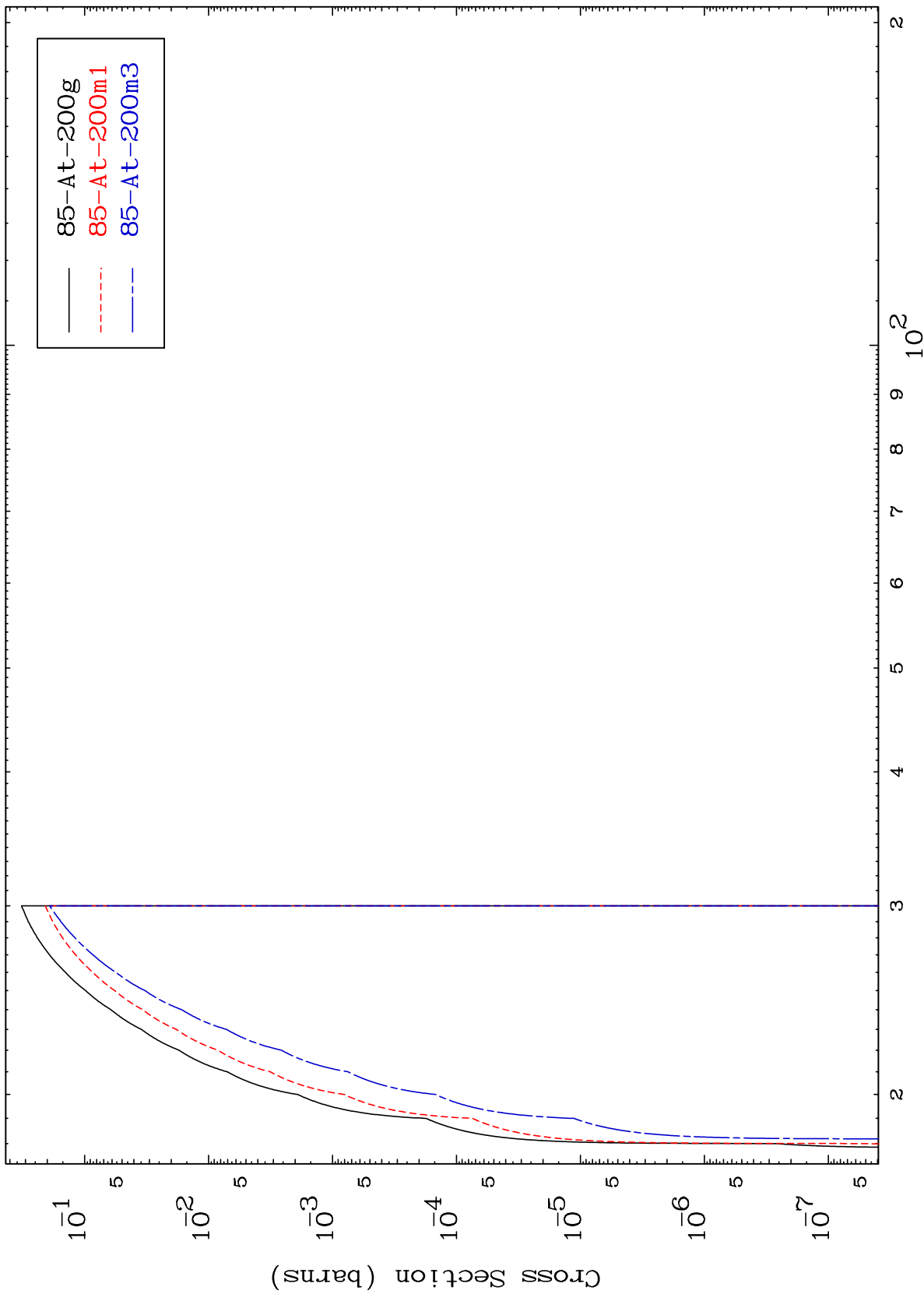
Radionuclide Production Cross Section



MAT 85222

85-At-202

(n,3n)
Radionuclide Production Cross Section



75

Incident Energy (MeV)

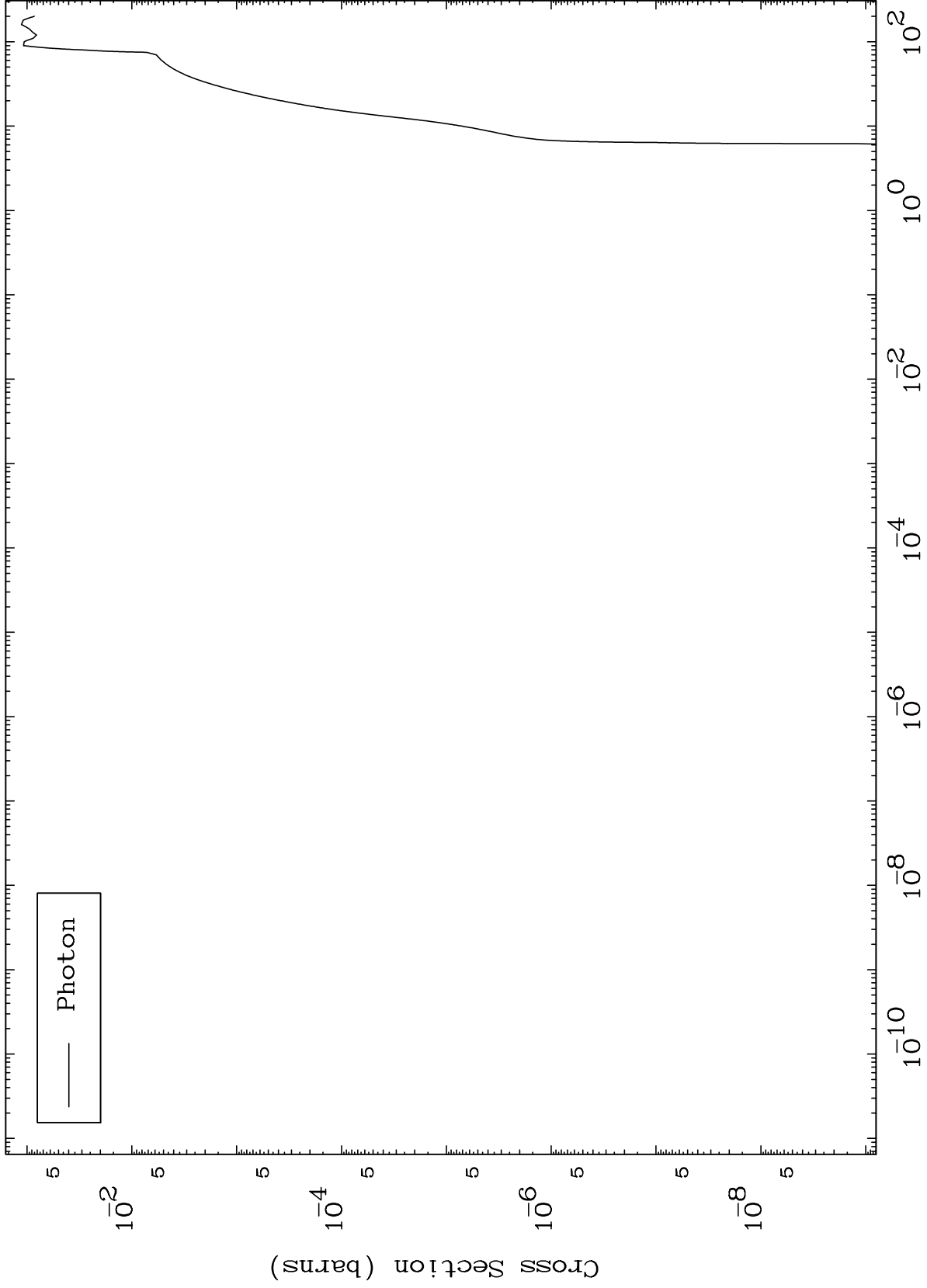
85-At-202

MAT 8522

Fission

85-At-202

Radionuclide Production Cross Section



76

Incident Energy (MeV)

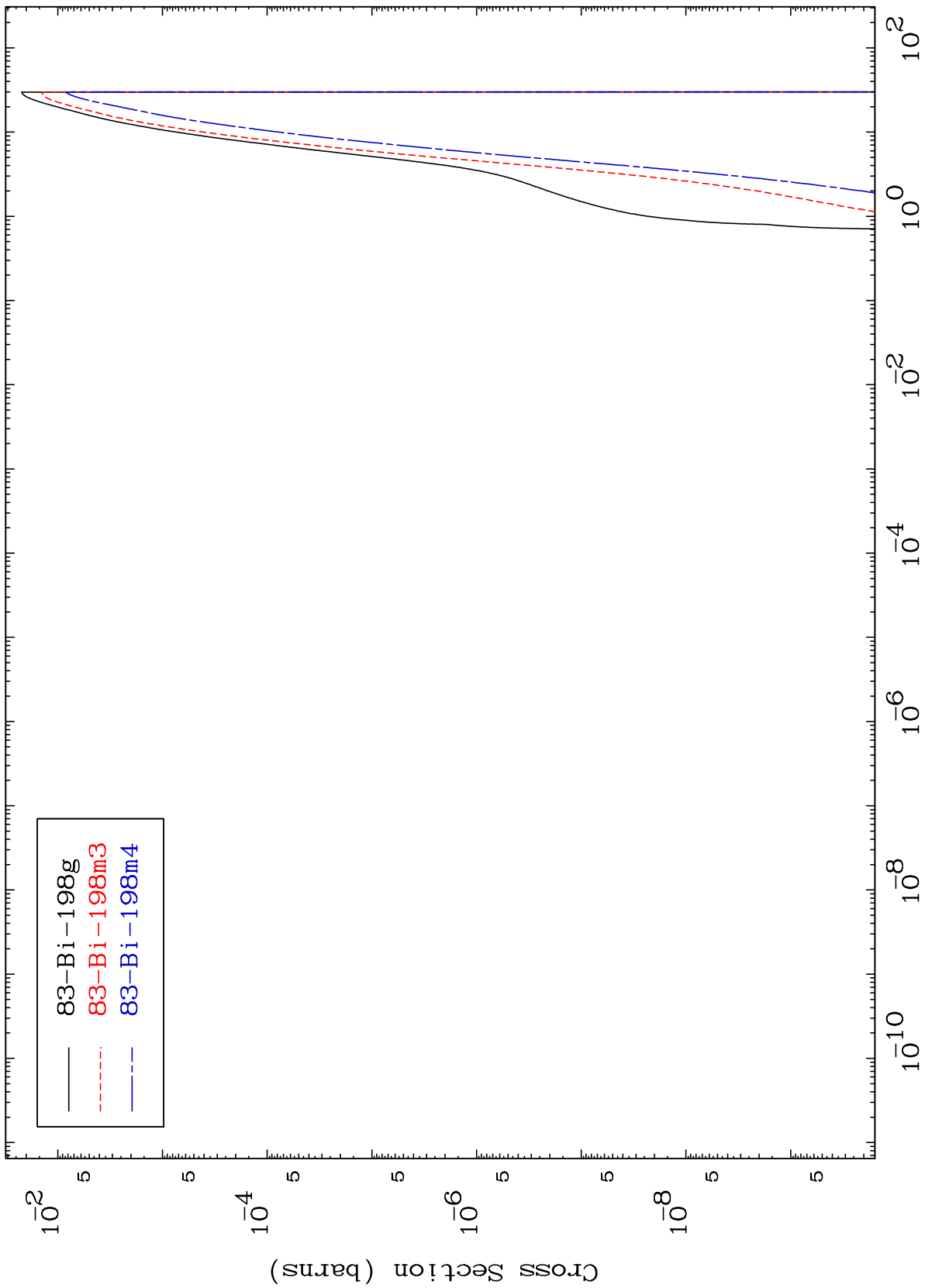
85-At-202

MAT 85222

(n, n') α

85-At-202

Radionuclide Production Cross Section



77

Incident Energy (MeV)

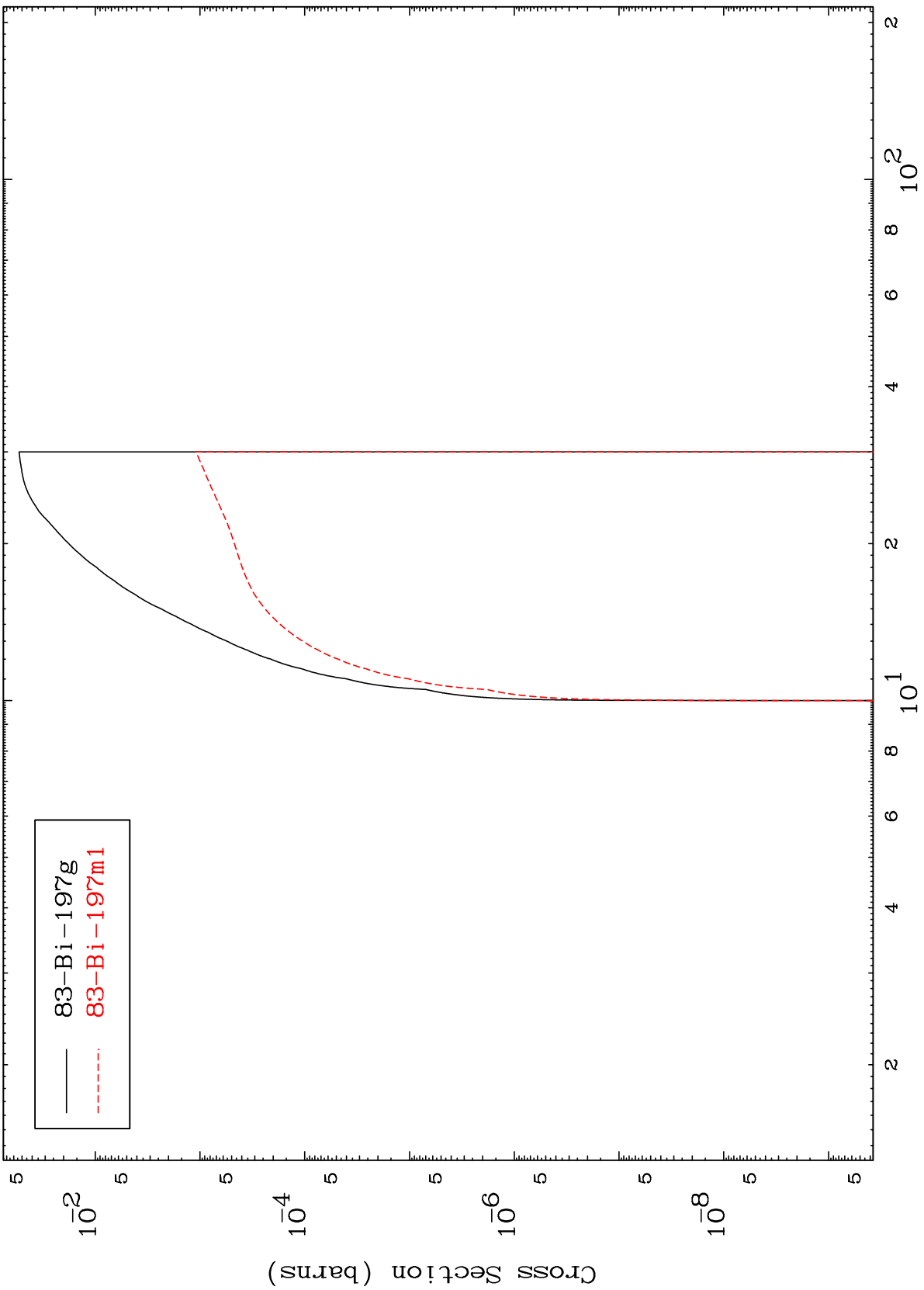
85-At-202

MAT 8522

(n,2n) α

85-At-202

Radionuclide Production Cross Section



78

Incident Energy (MeV)

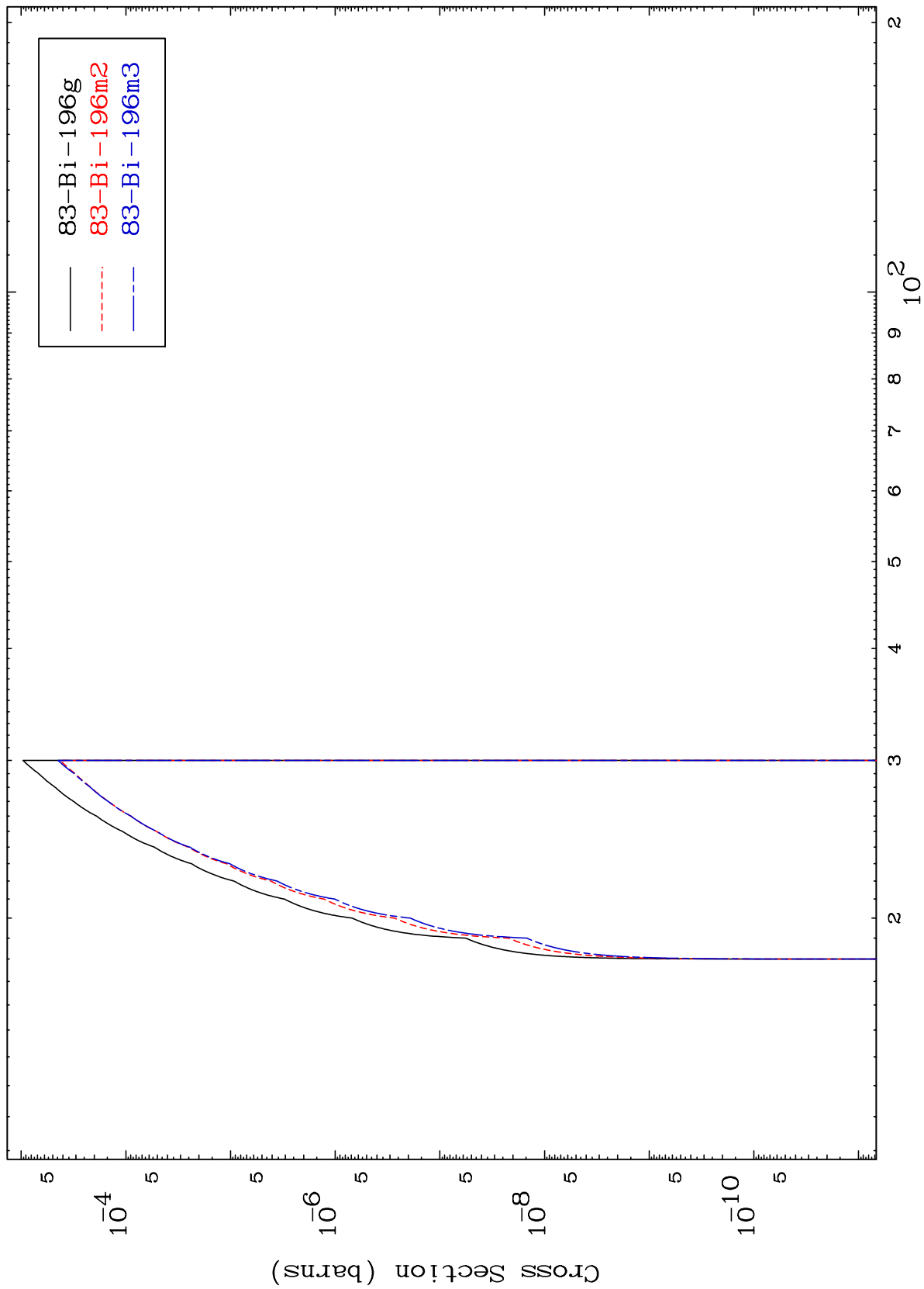
85-At-202

MAT 8522

(n,3n) α

85-At-202

Radionuclide Production Cross Section

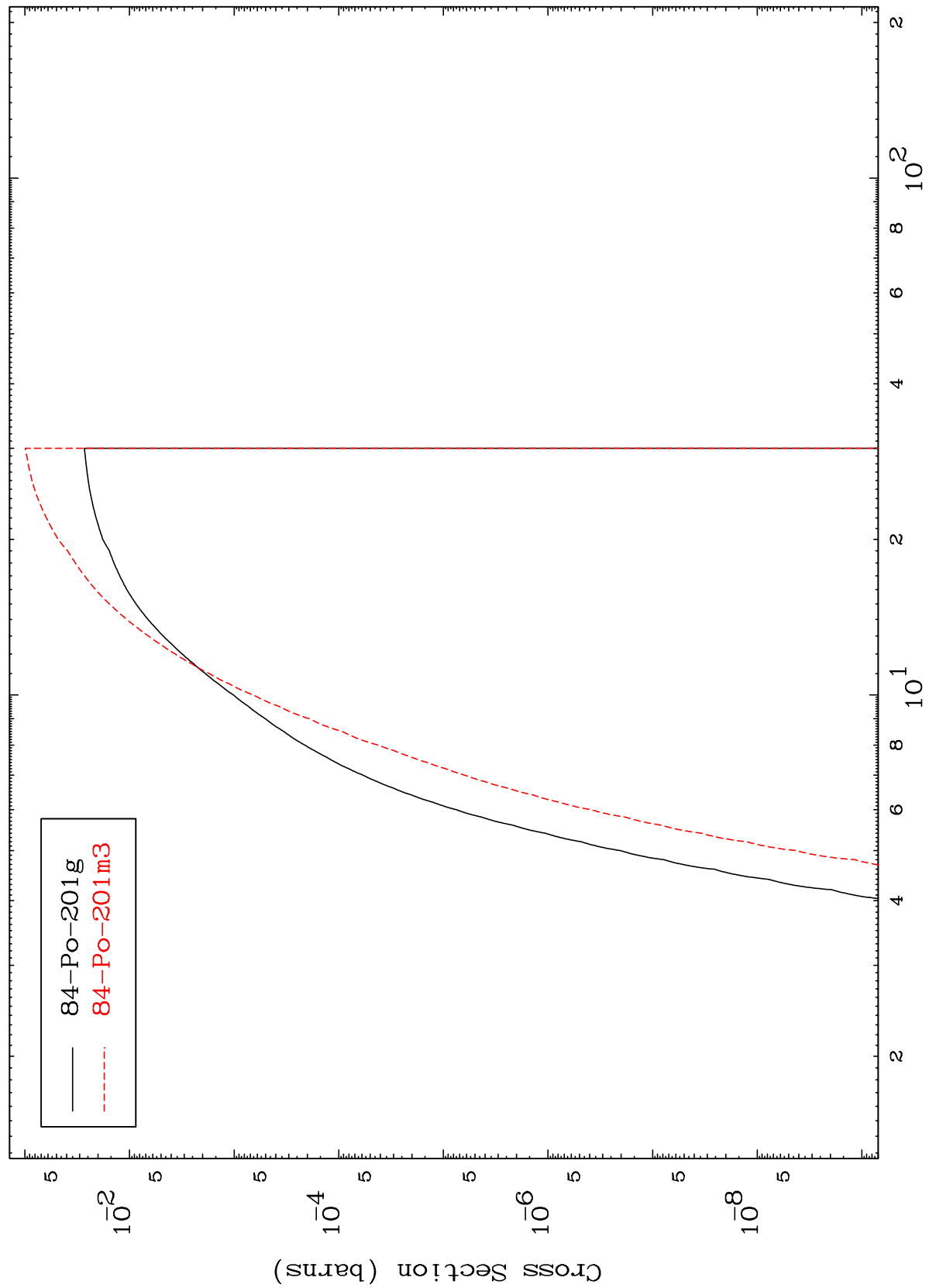


79

Incident Energy (MeV)

85-At-202

Radionuclide Production Cross Section



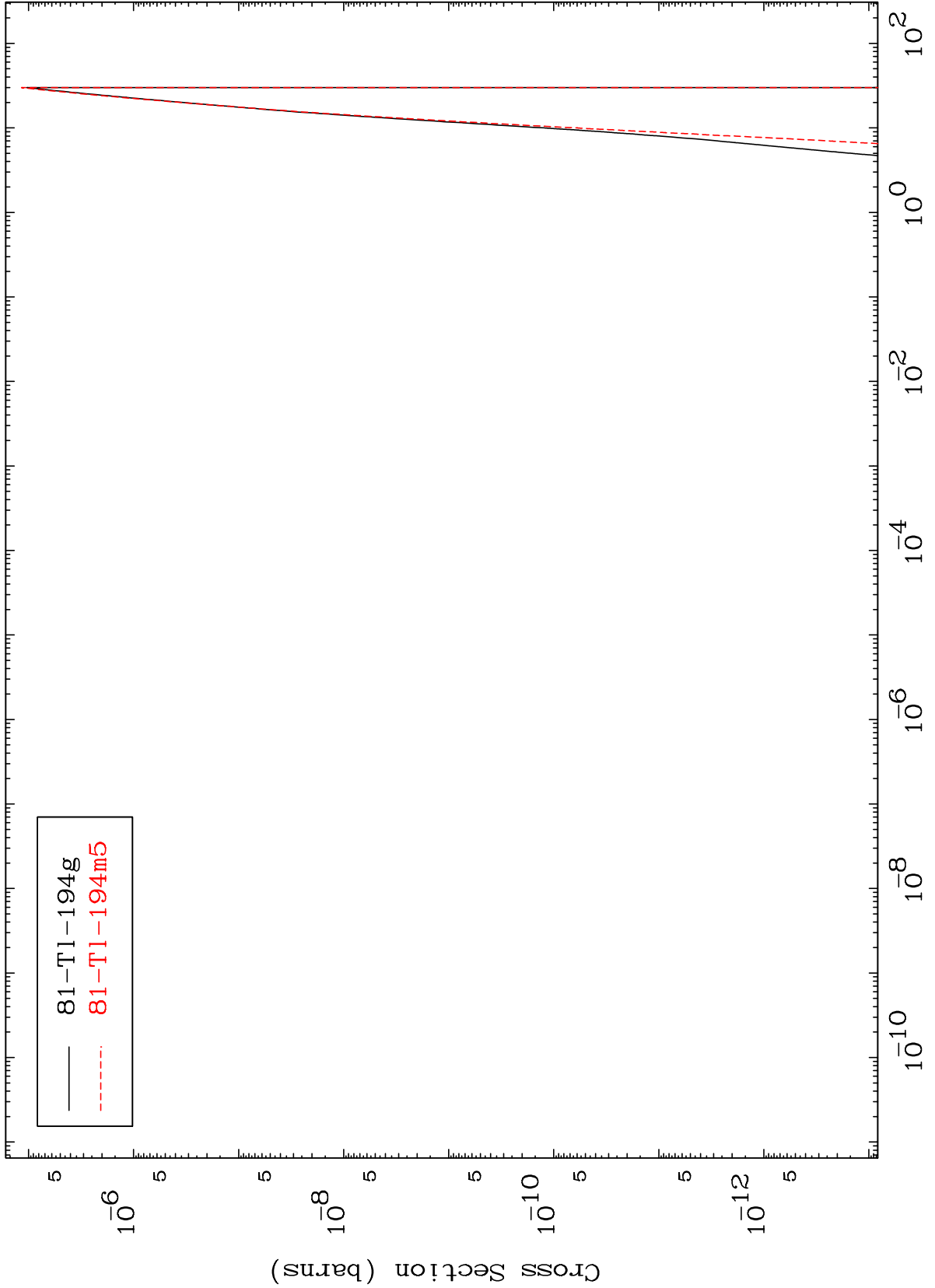
— 84-Po-201g
- - - 84-Po-201m3

MAT 85222

(n,n') 2α

85-At-202

Radionuclide Production Cross Section



81

Incident Energy (MeV)

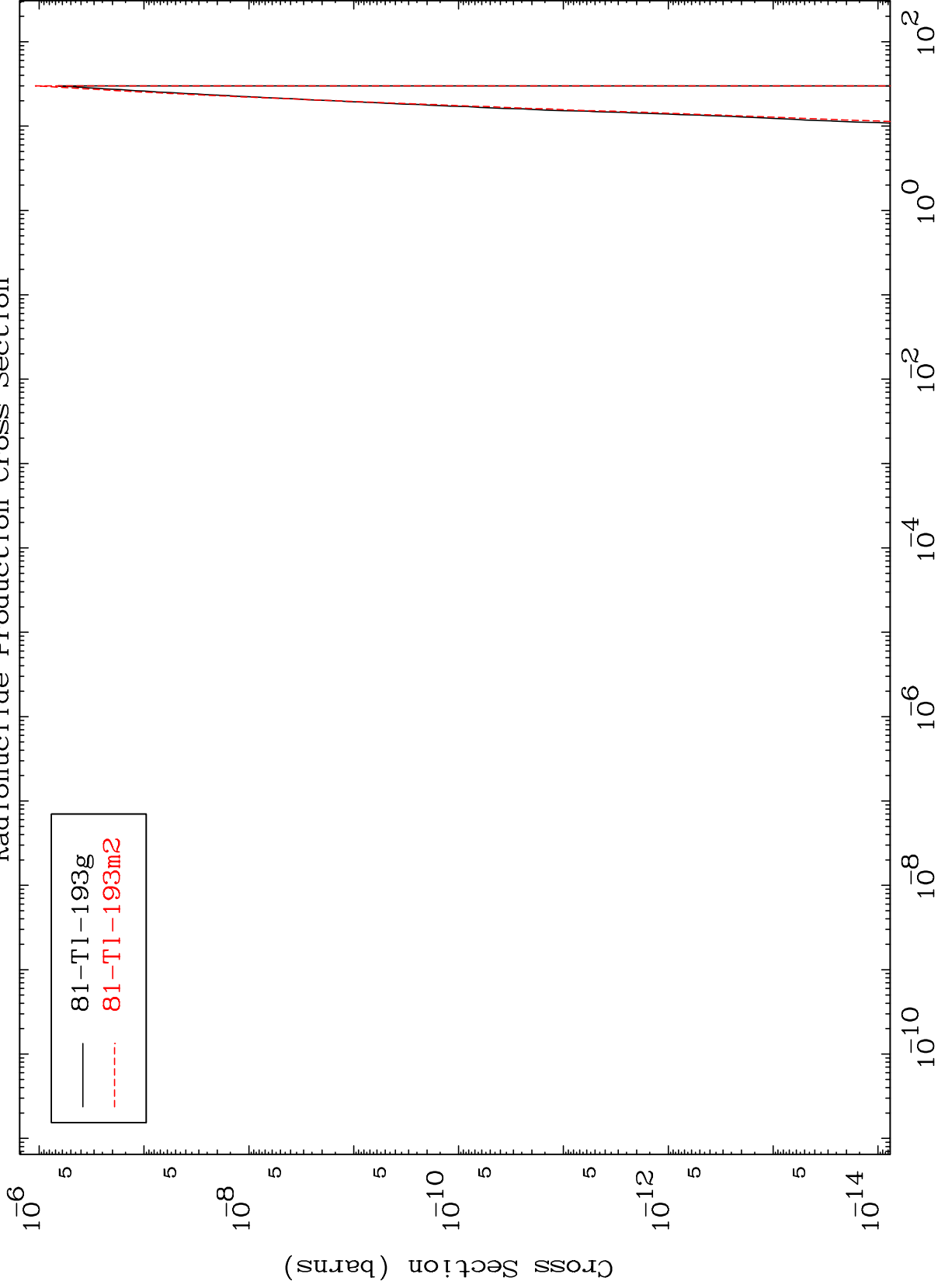
85-At-202

MAT 8522

(n,2n) 2α

85-At-202

Radionuclide Production Cross Section



82

Incident Energy (MeV)

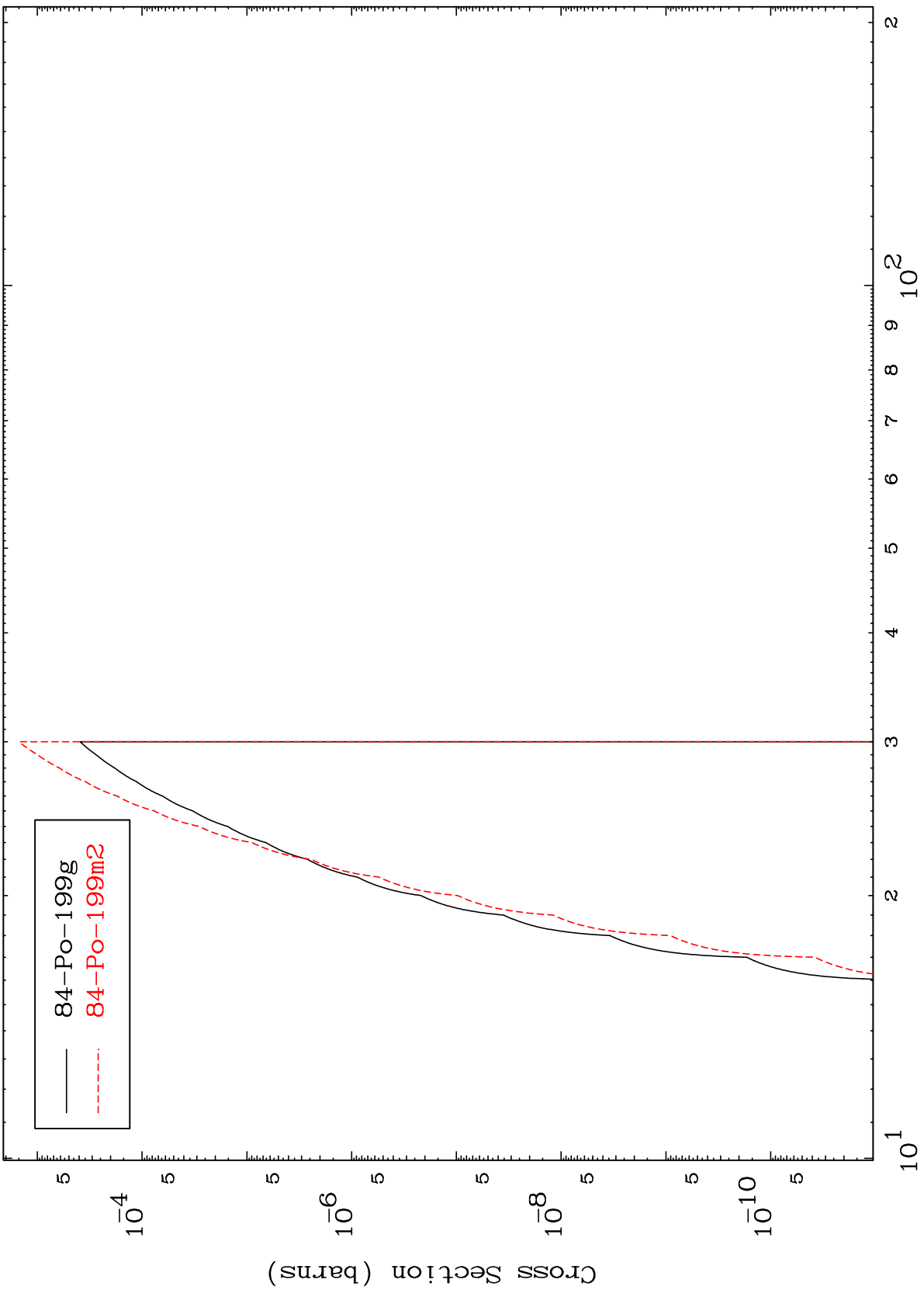
85-At-202

MAT 8522

(n,n') t

85-At-202

Radionuclide Production Cross Section



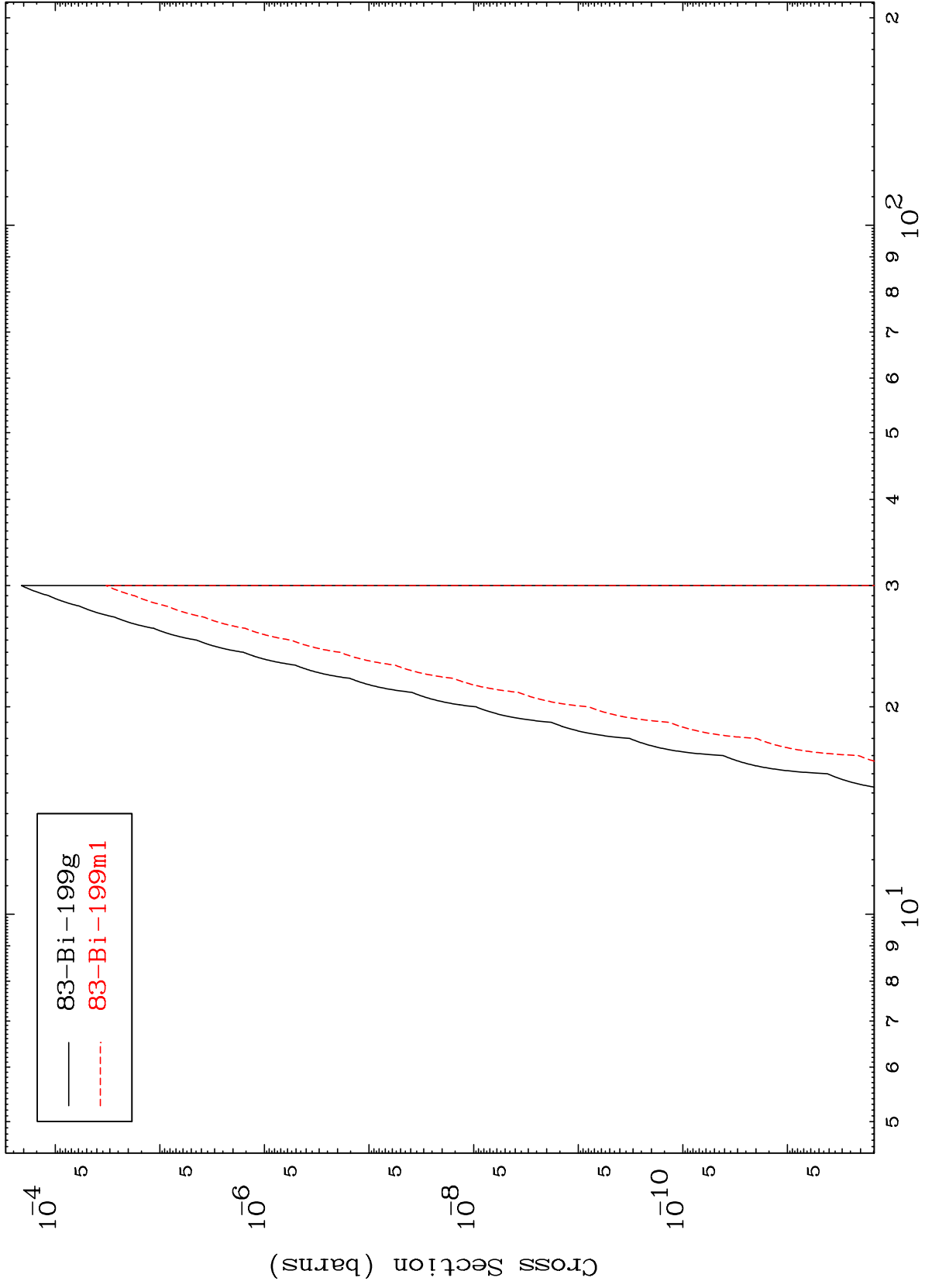
84-Po-199g
84-Po-199m2

Incident Energy (MeV)

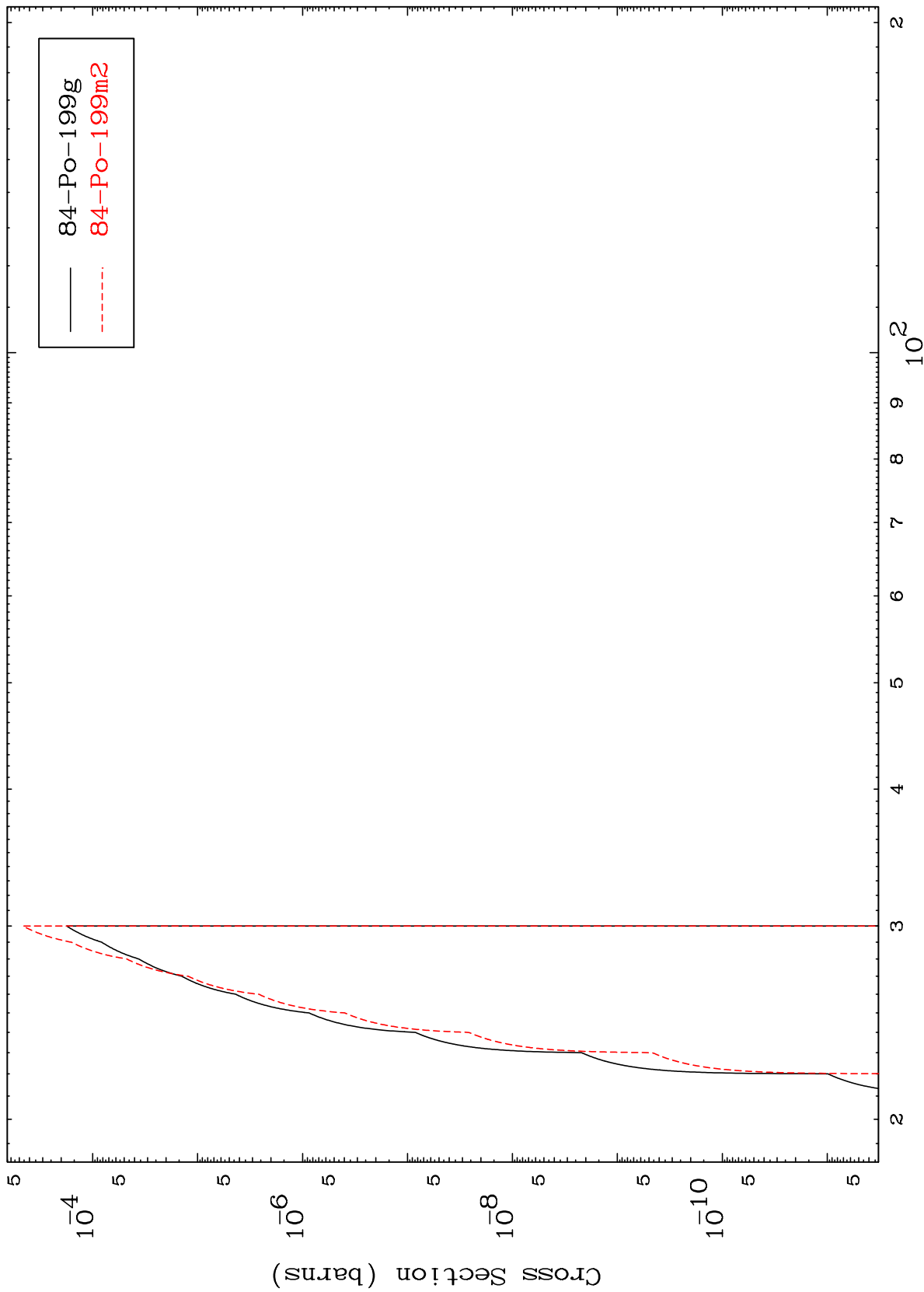
85-At-202

83

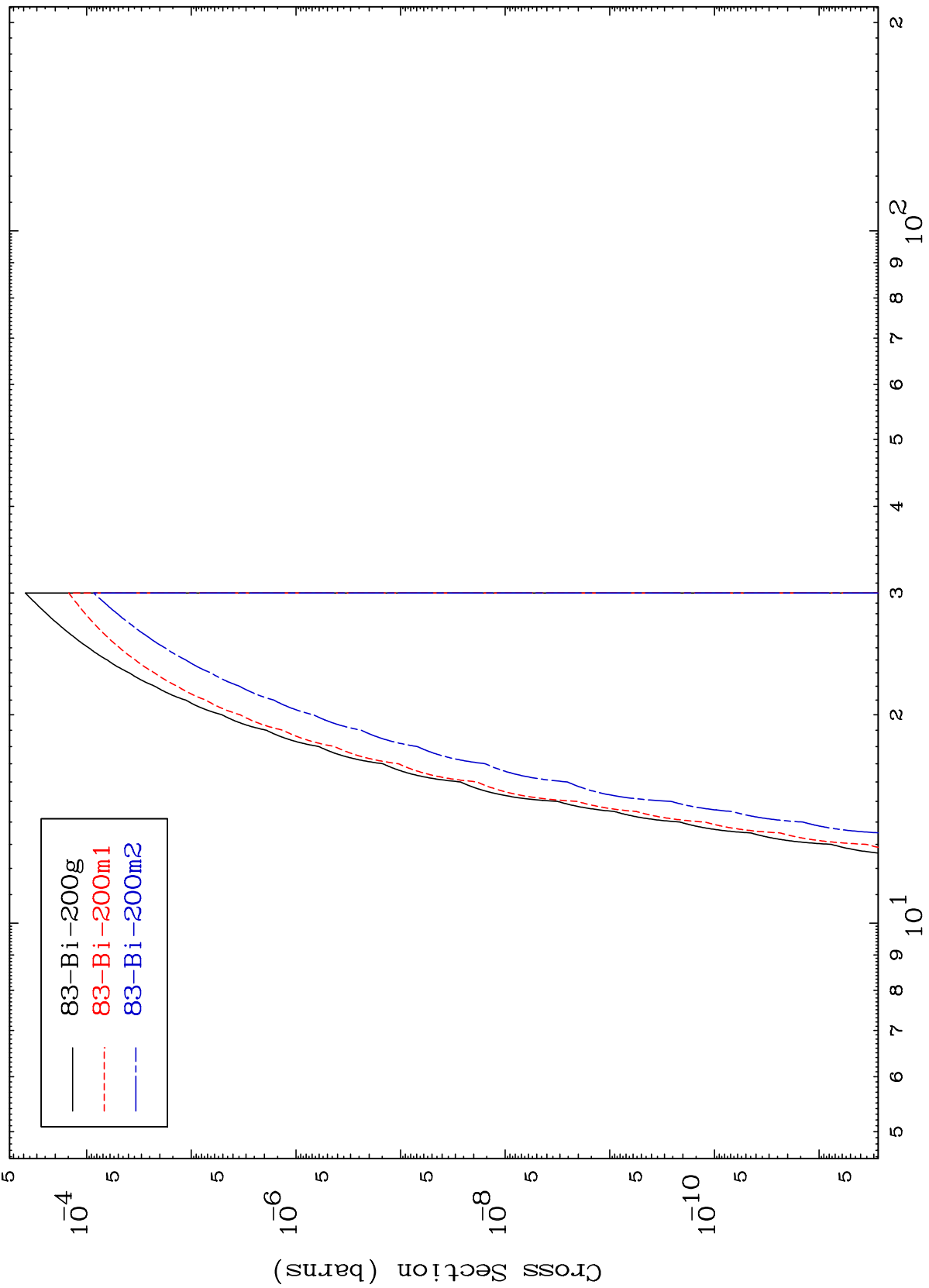
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section

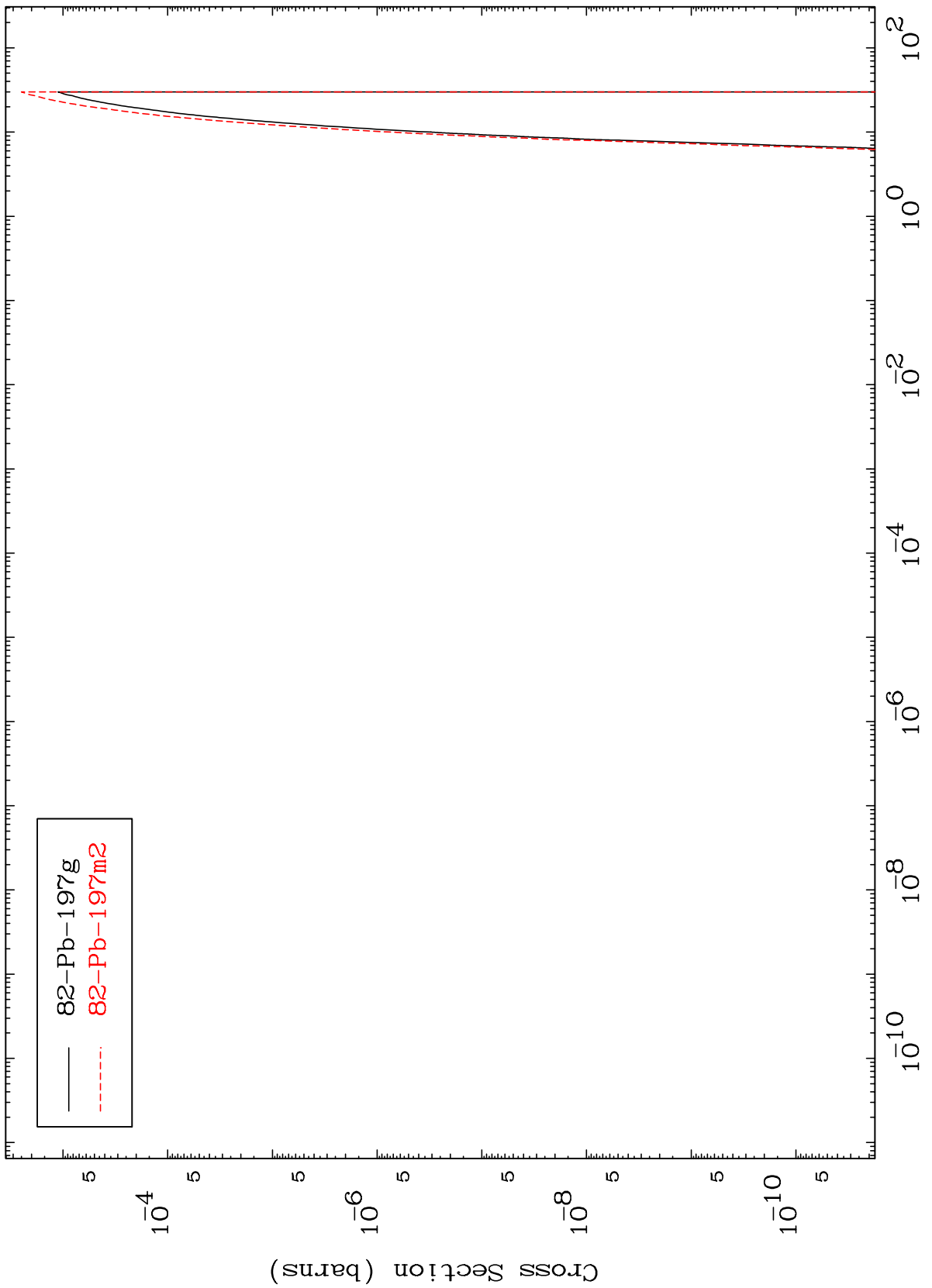


MAT 85222

(n,n') p α

85-At-202

Radionuclide Production Cross Section



87

Incident Energy (MeV)

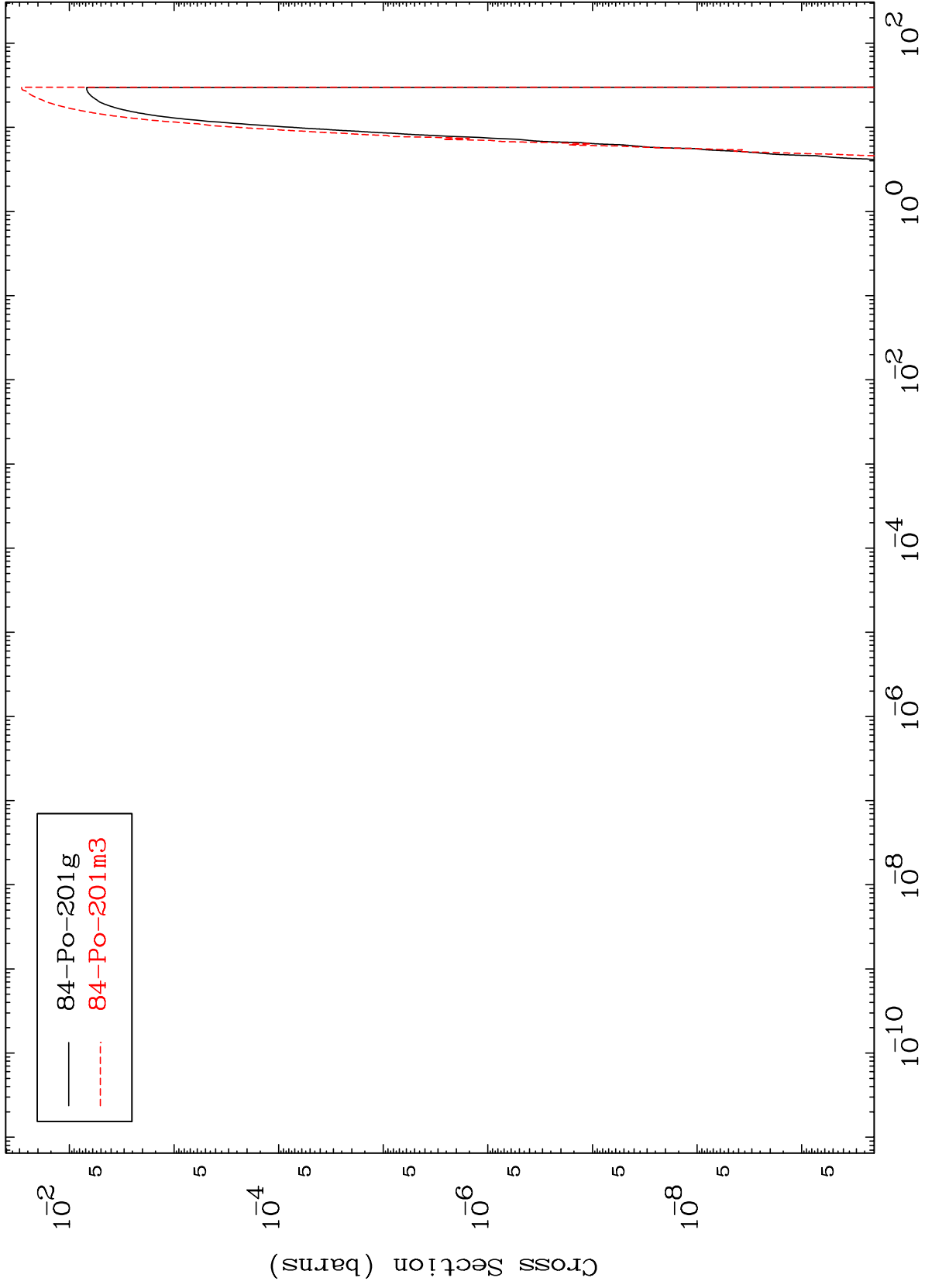
85-At-202

MAT 8522

(n,d)

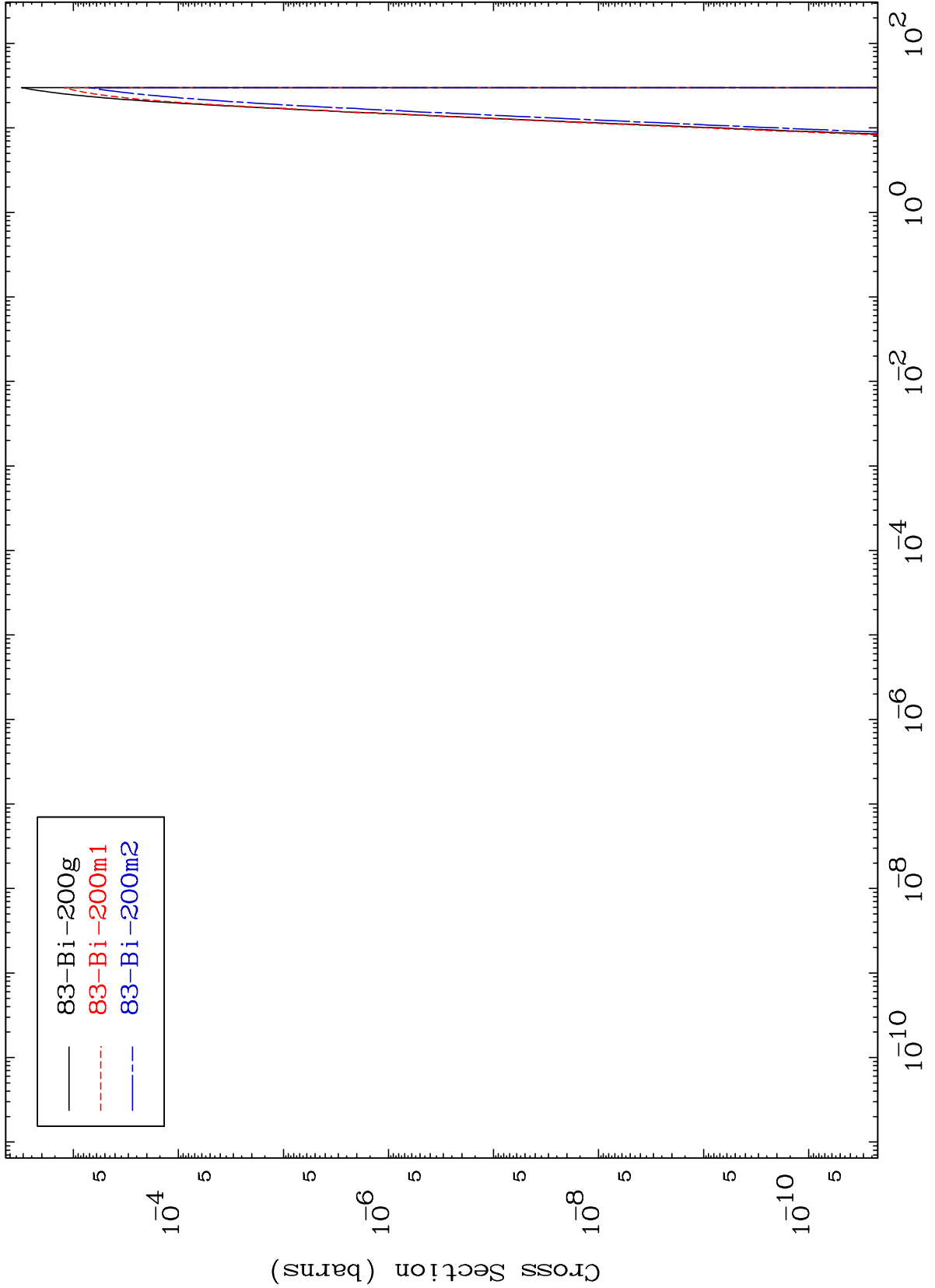
85-At-202

Radionuclide Production Cross Section



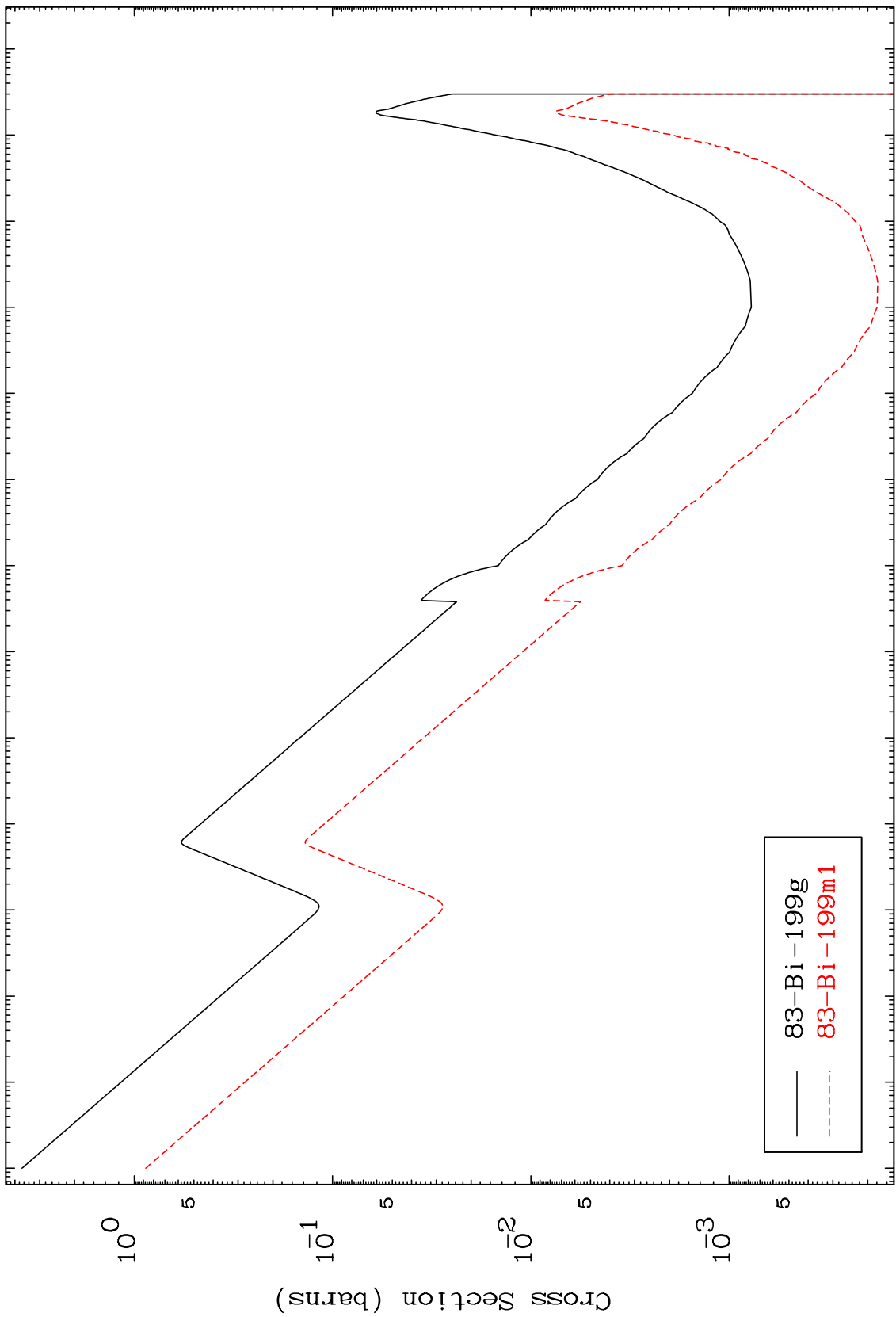
— 84-Po-201g
- - - 84-Po-201m3

Radionuclide Production Cross Section



Radionuclide Production Cross Section

(n, α)



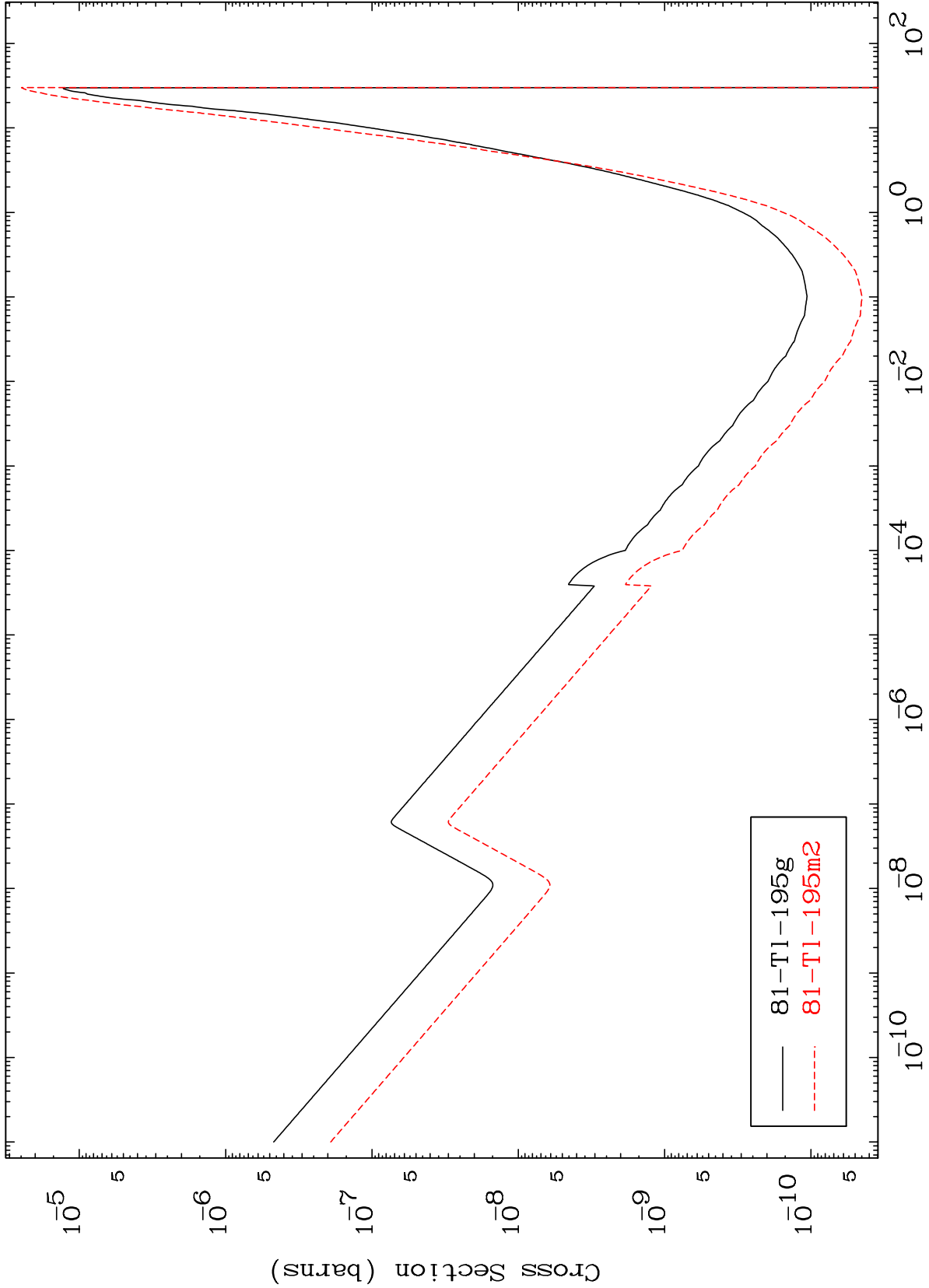
— 83-Bi-199g
- - - 83-Bi-199m1

MAT 85222

(n,2α)

85-At-202

Radionuclide Production Cross Section



91

Incident Energy (MeV)

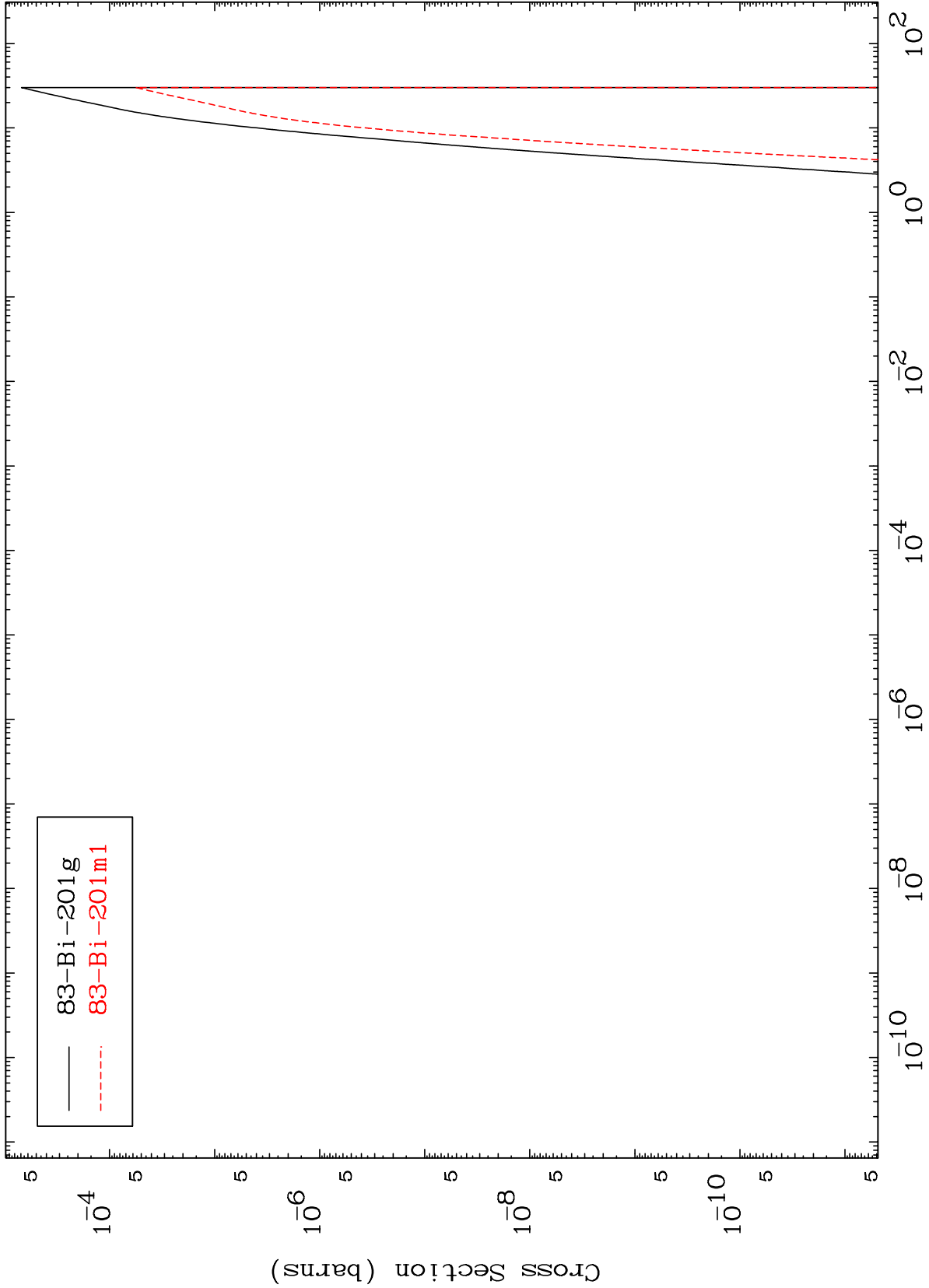
85-At-202

MAT 85222

(n,2p)

85-At-202

Radionuclide Production Cross Section

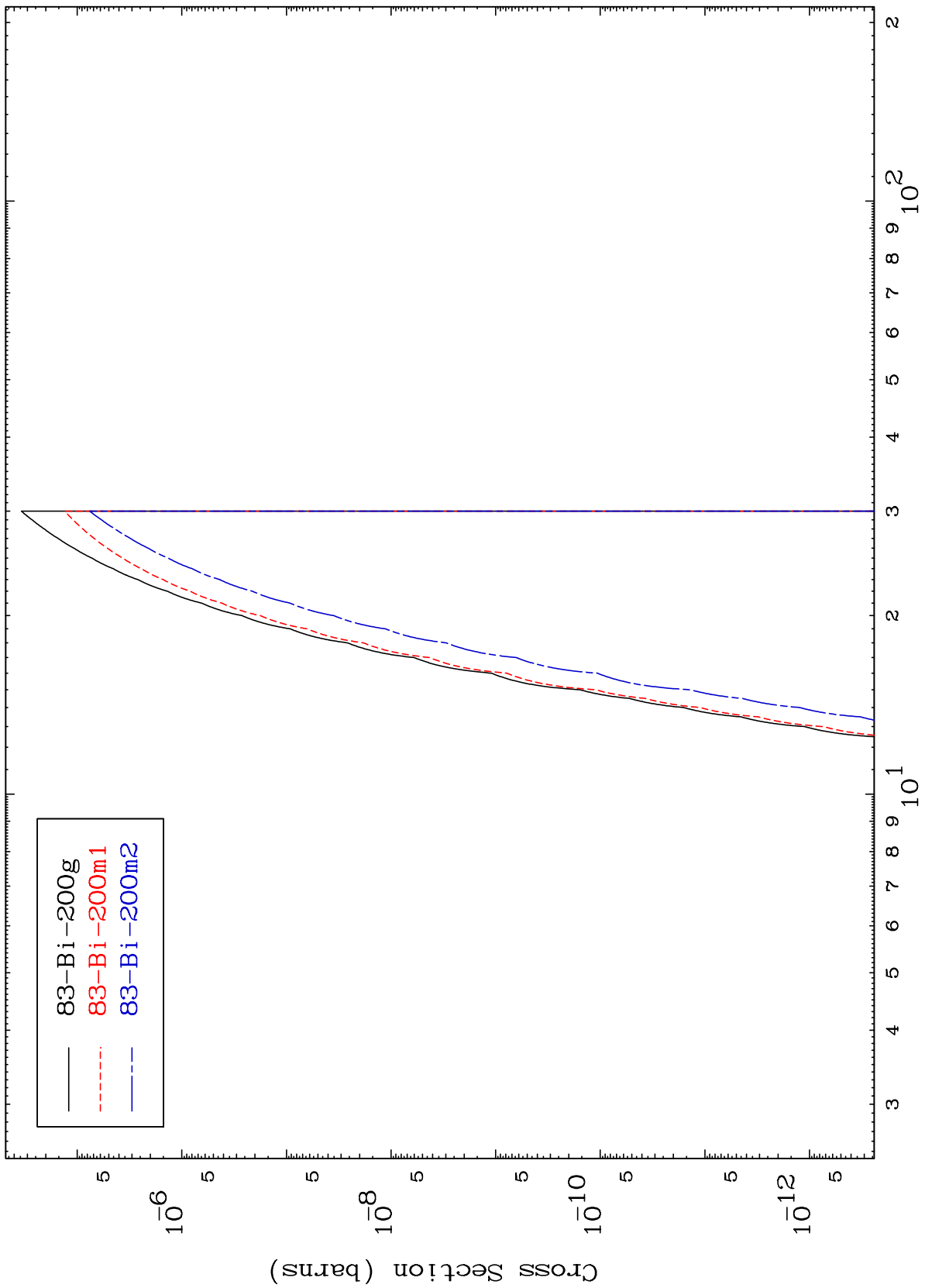


92

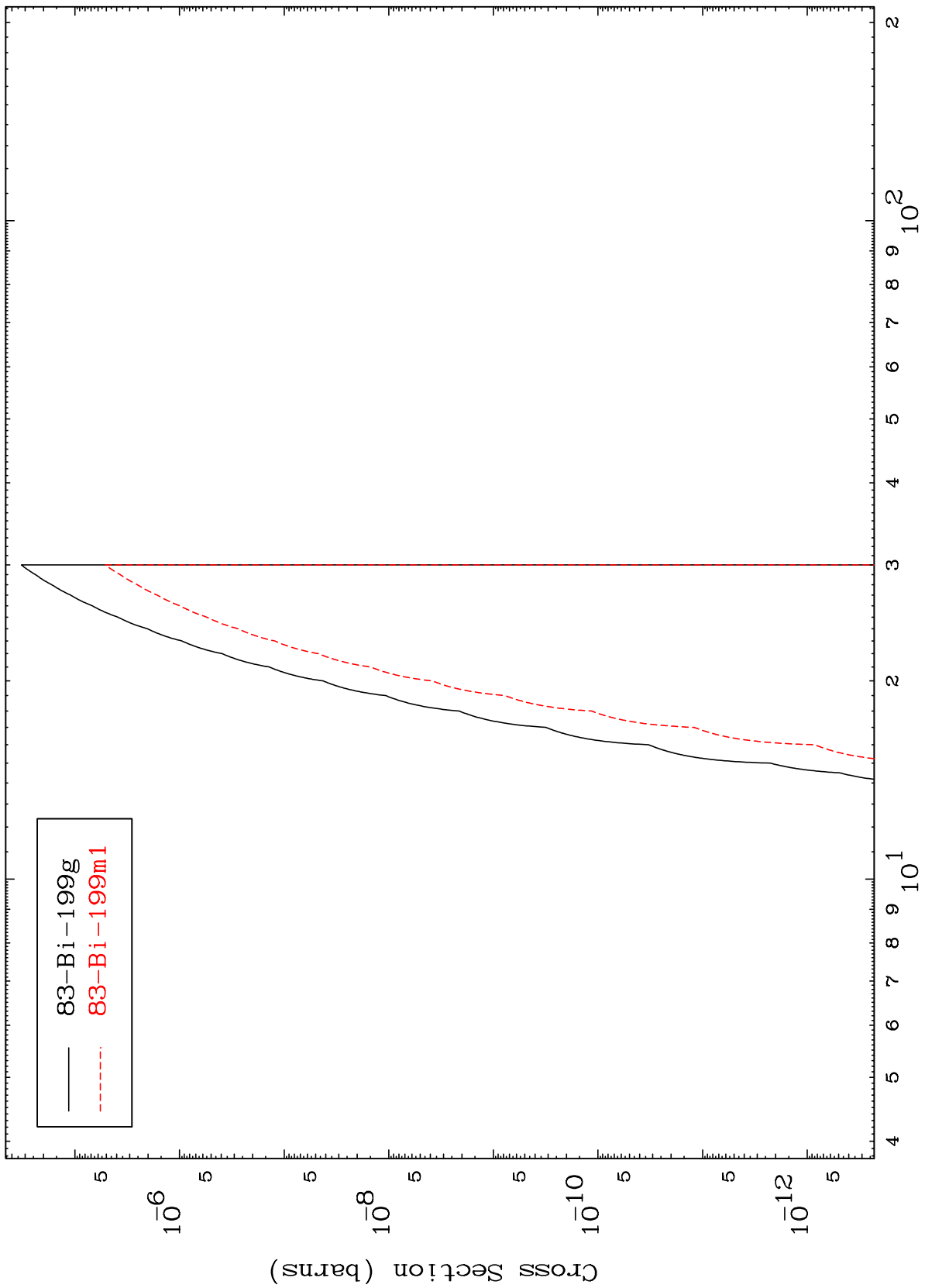
Incident Energy (MeV)

85-At-202

Radionuclide Production Cross Section



Radionuclide Production Cross Section



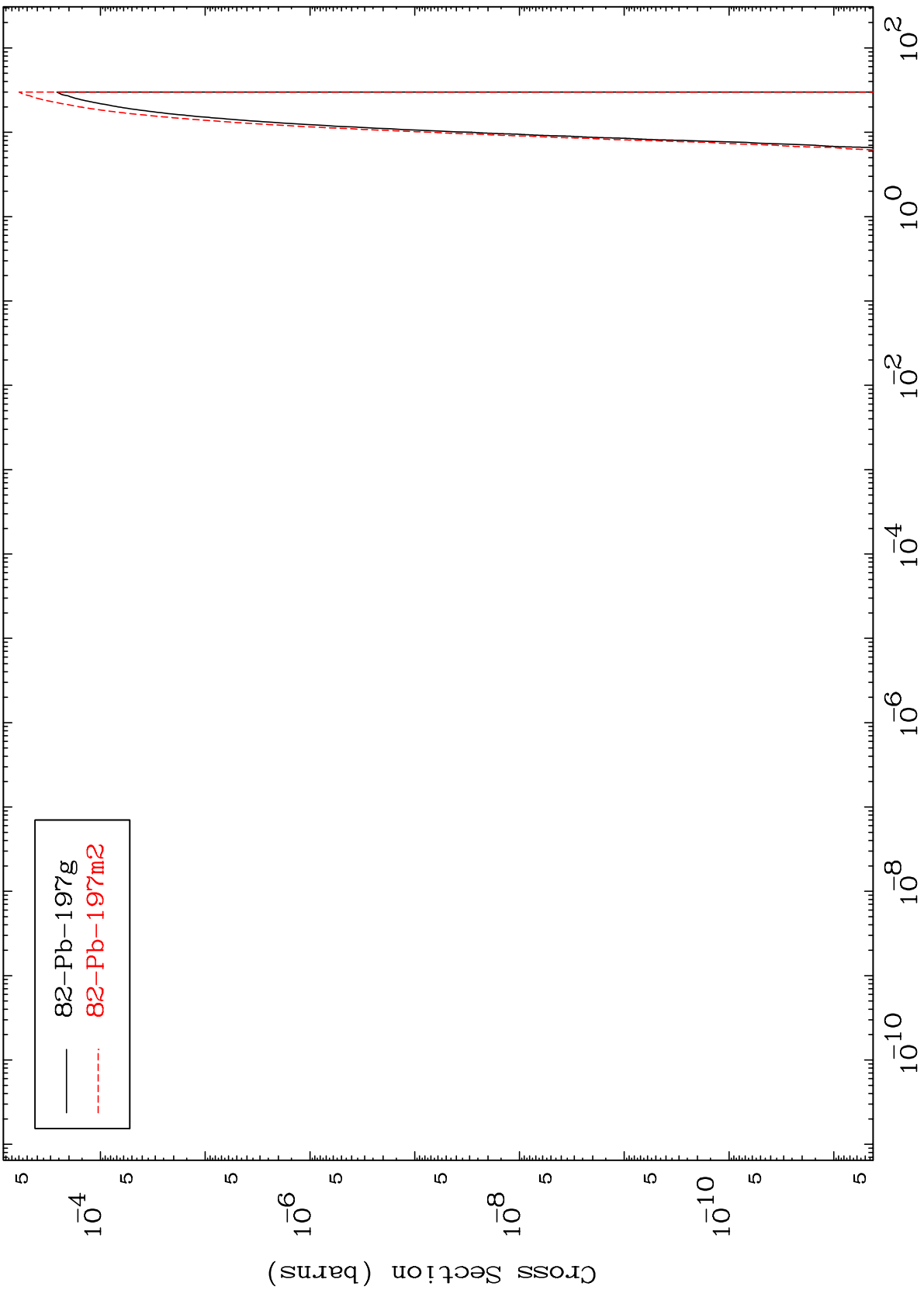
— 83-Bi-199g
- - - 83-Bi-199m1

MAT 85222

(n,d) α

85-At-202

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

95

Incident Energy (MeV)

85-At-202