

Program EVALPLOT
(Version 2021-1)

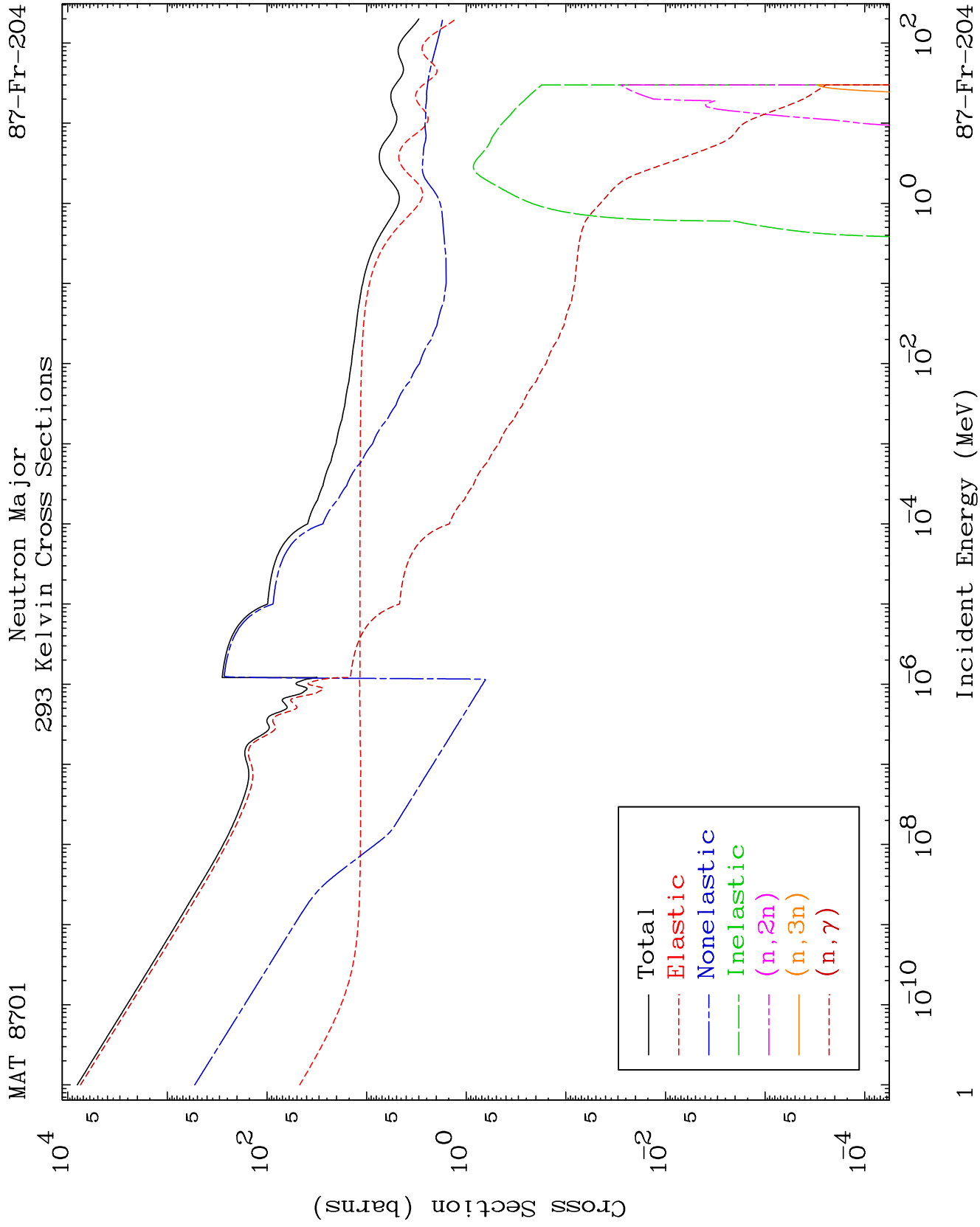
by

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Web: redcullen1.net/HOMEPAGE.NEW

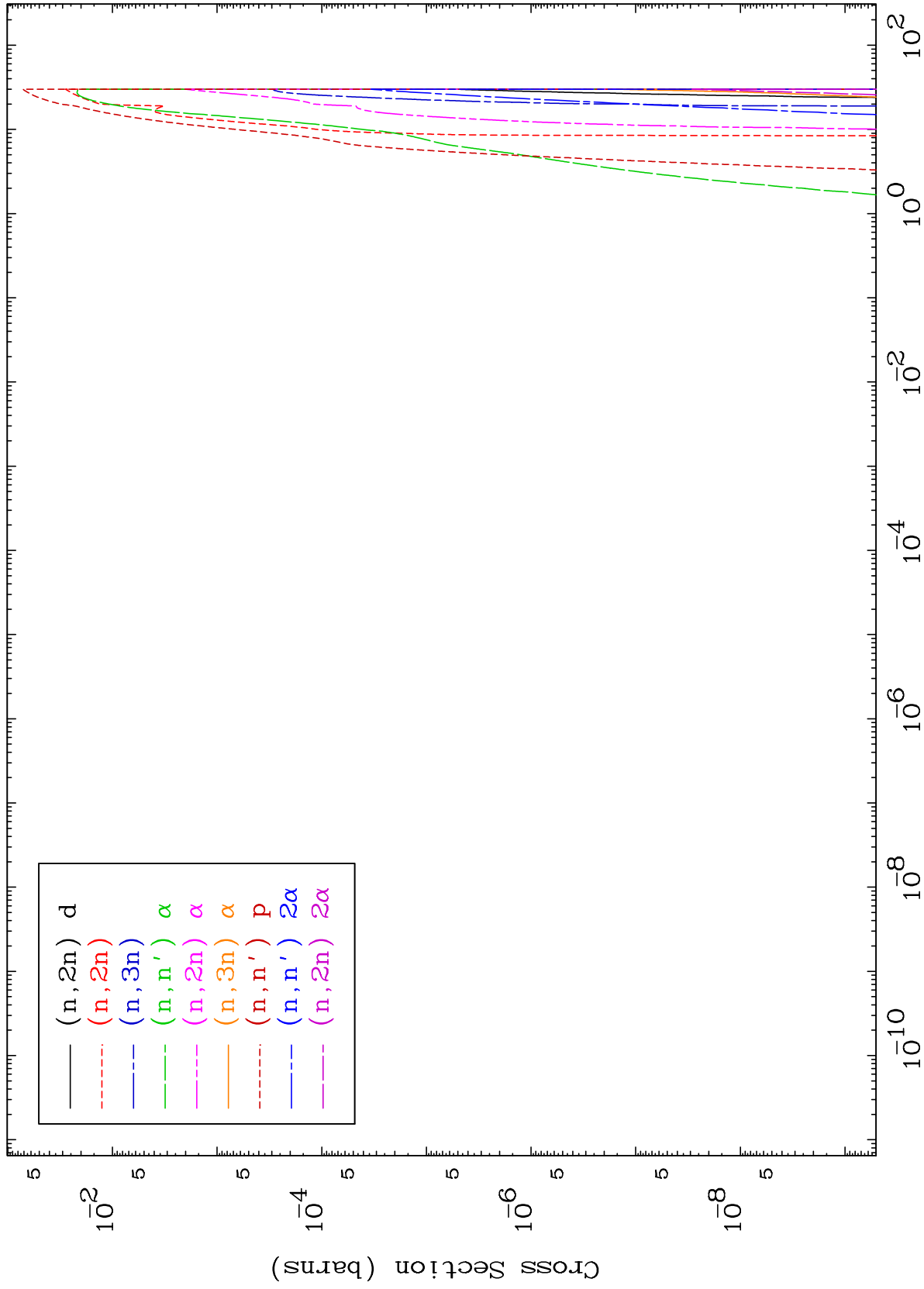
Press Mouse Button to Start



MAT 8701

Neutron Absorption
293 Kelvin Cross Sections

87-Fr-204



2

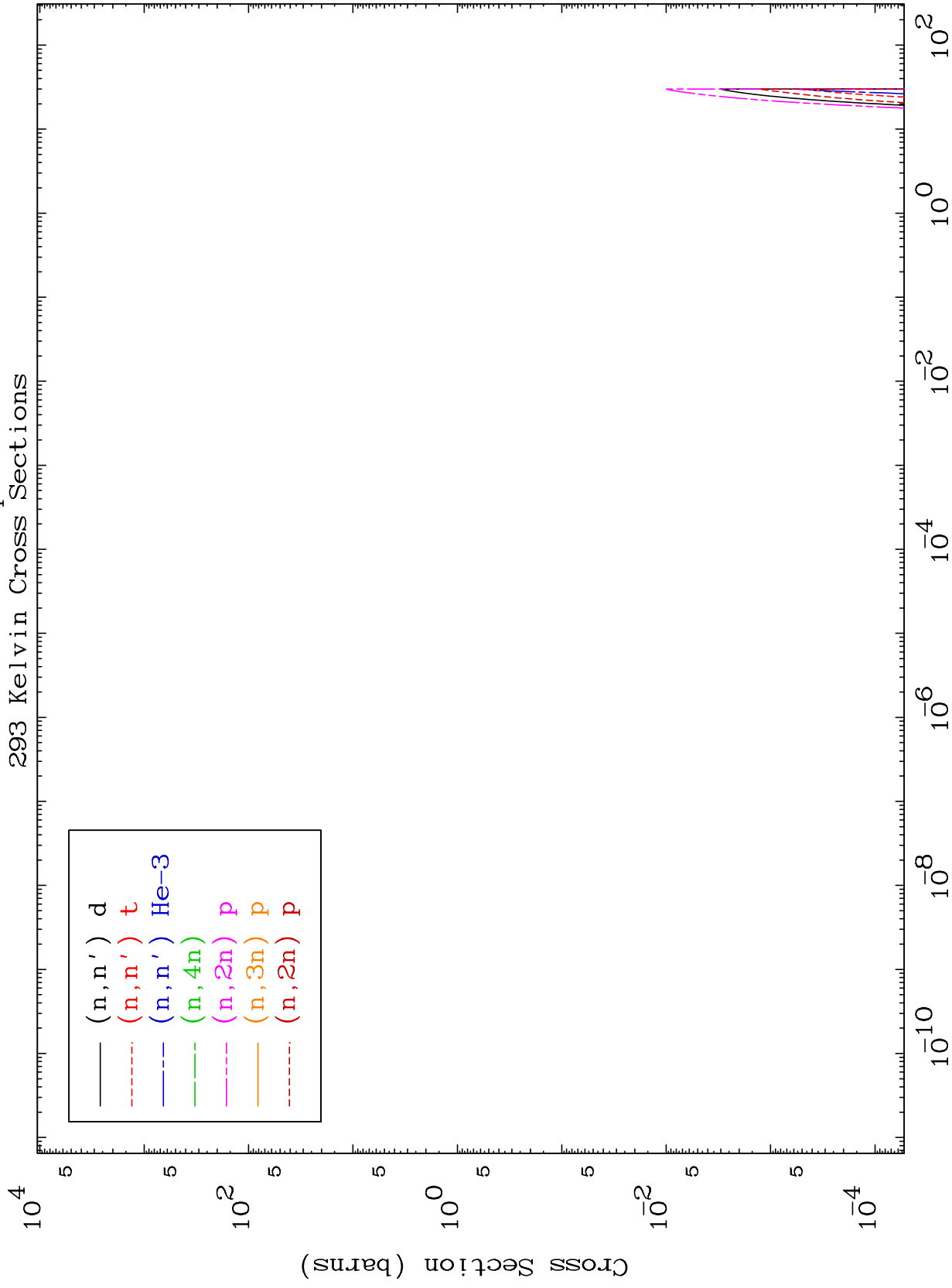
Incident Energy (MeV)

87-Fr-204

MAT 8701

Neutron Absorption
293 Kelvin Cross Sections

87-Fr-204



3

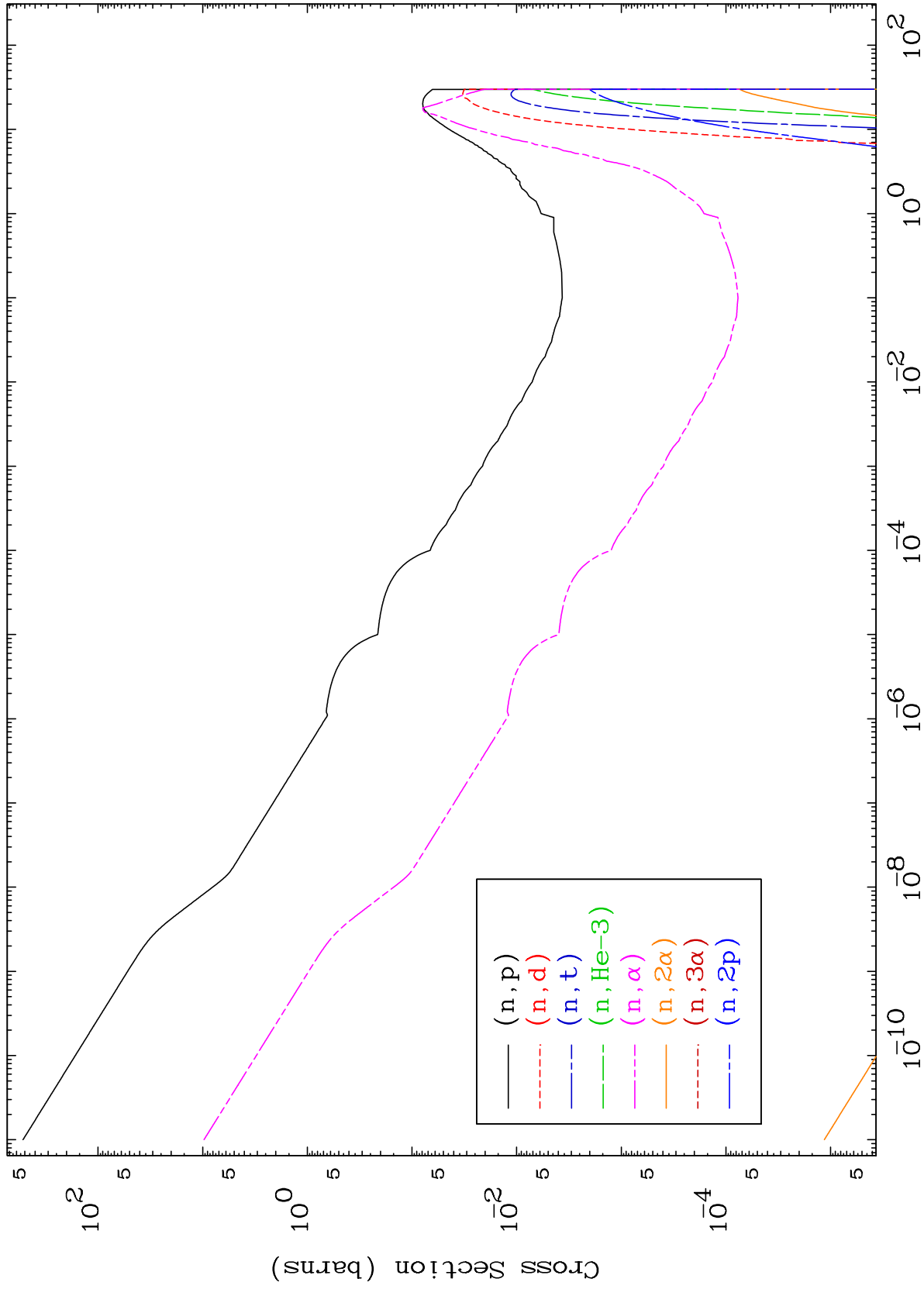
Incident Energy (MeV)

87-Fr-204

MAT 8701

Neutron Absorption
293 Kelvin Cross Sections

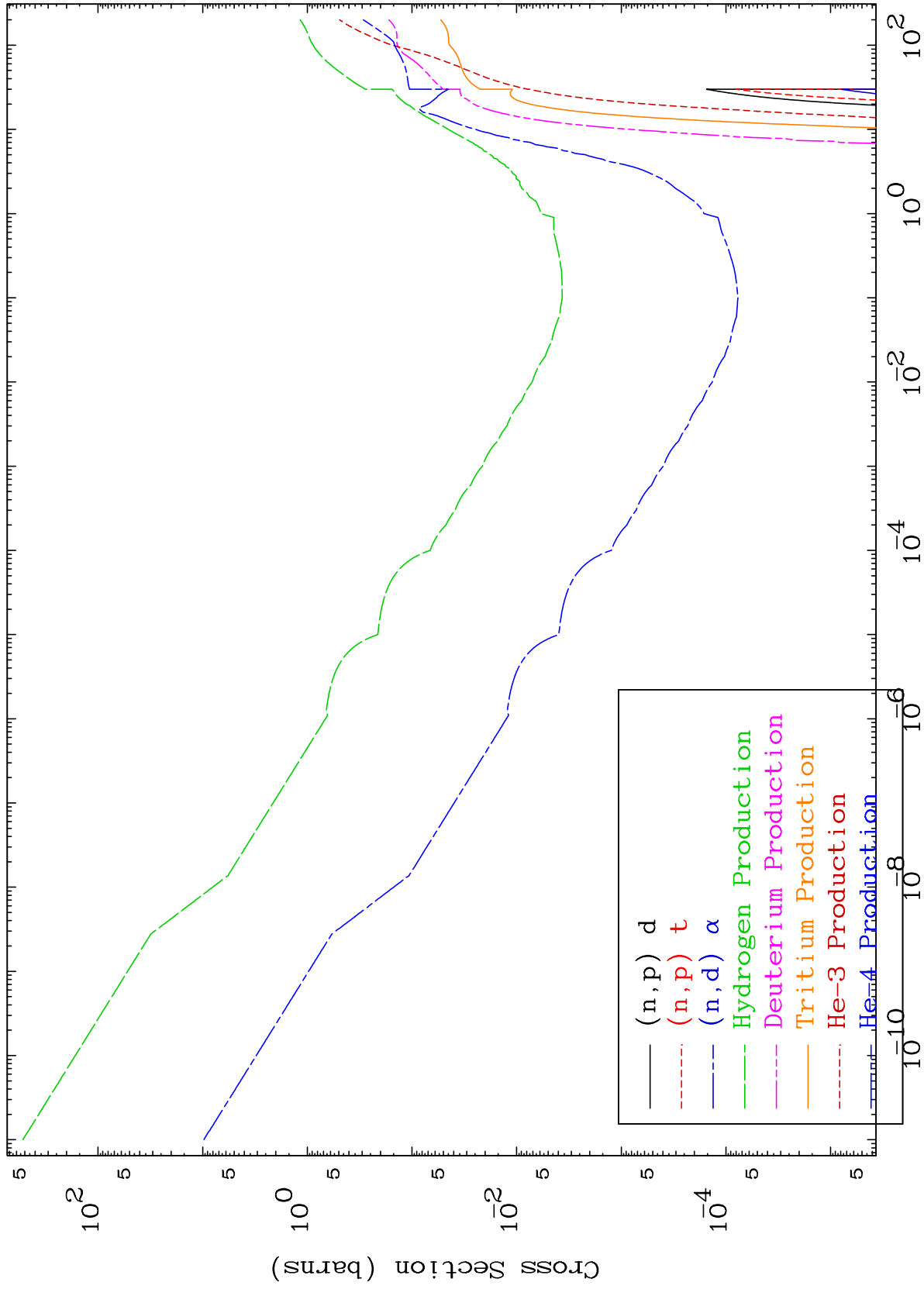
87-Fr-204



MAT 8701

Neutron Absorption
293 Kelvin Cross Sections

87-Fr-204



5

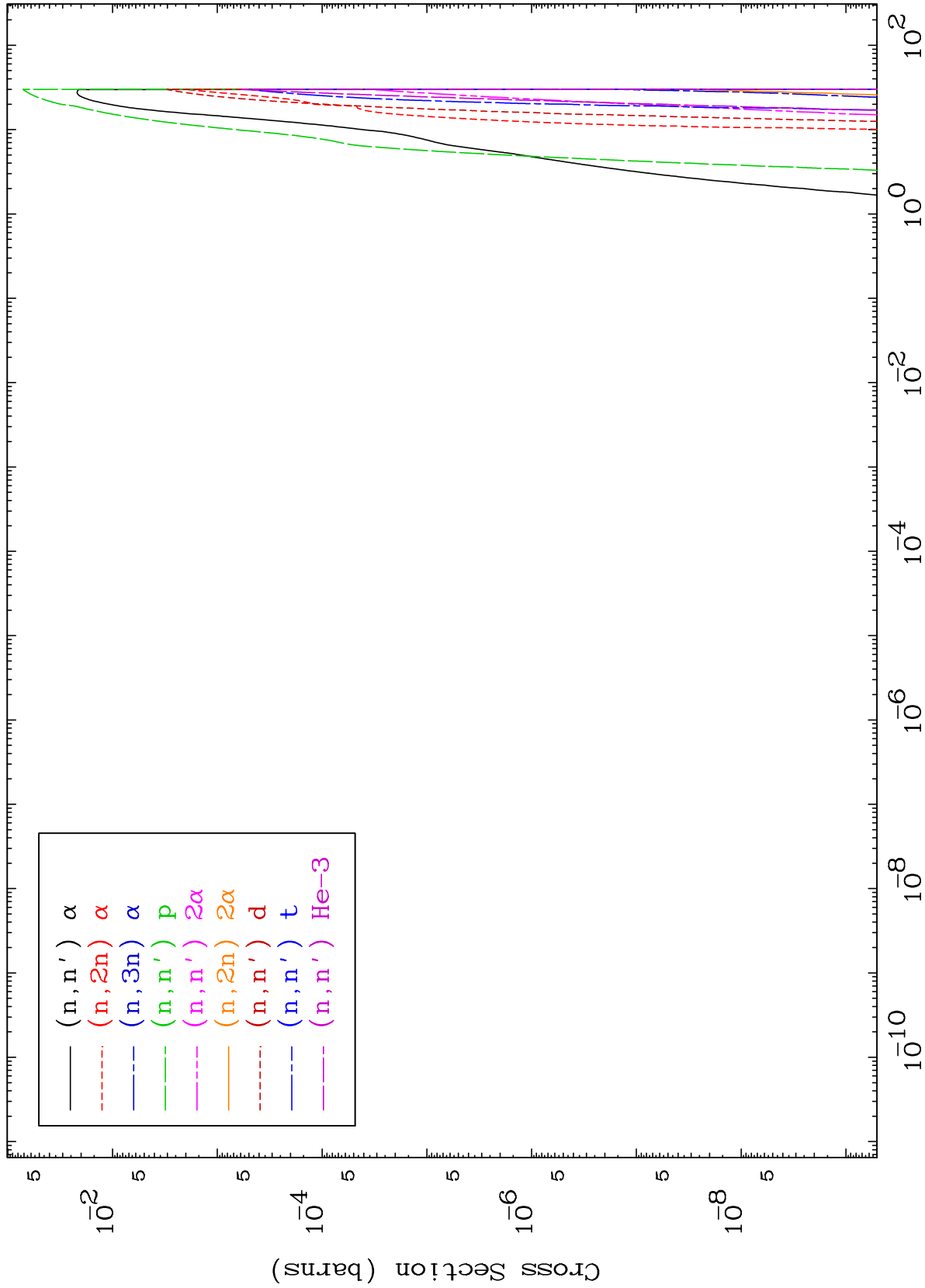
Incident Energy (MeV)

87-Fr-204

MAT 8701

Charged Particle
293 Kelvin Cross Sections

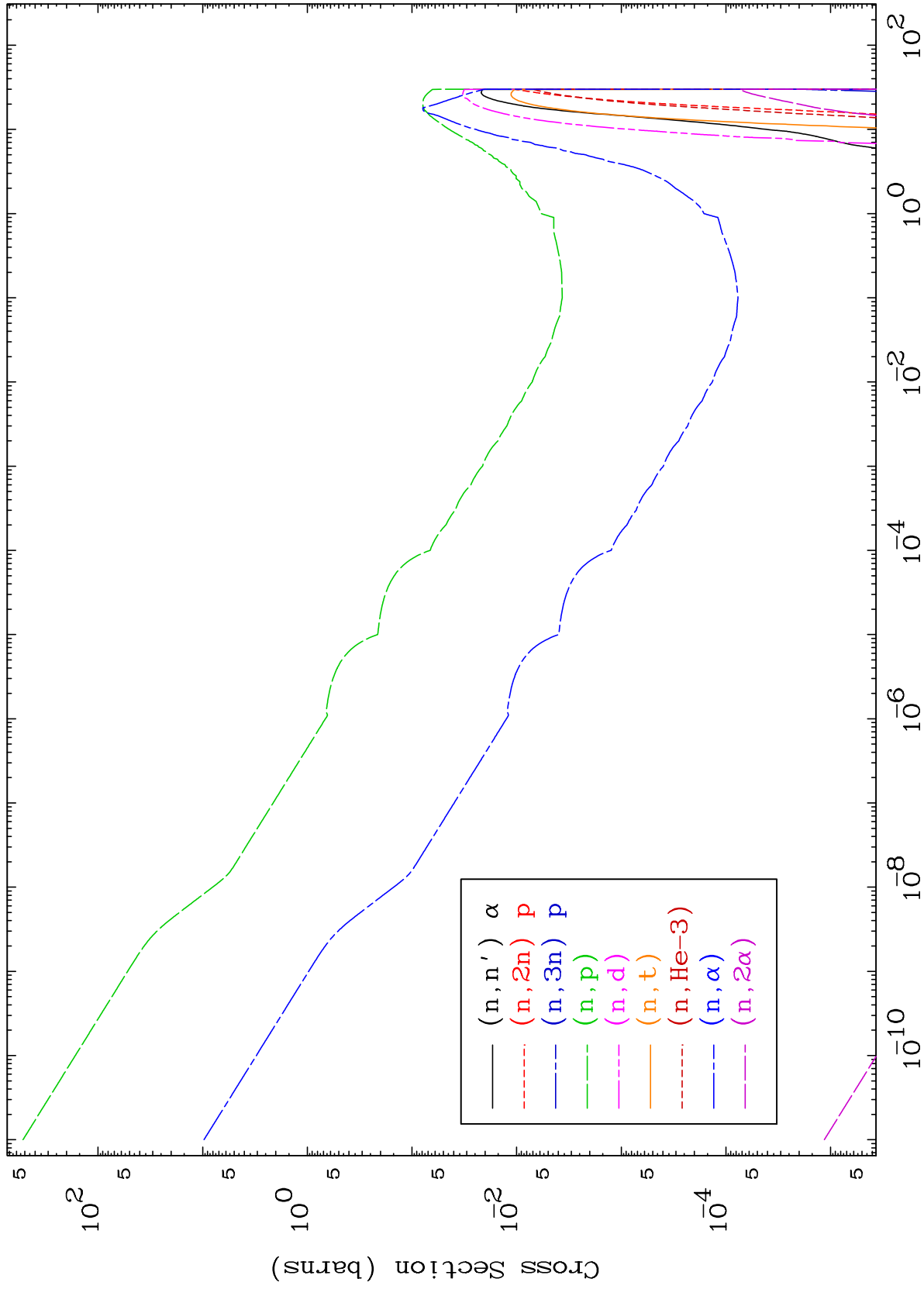
87-Fr-204

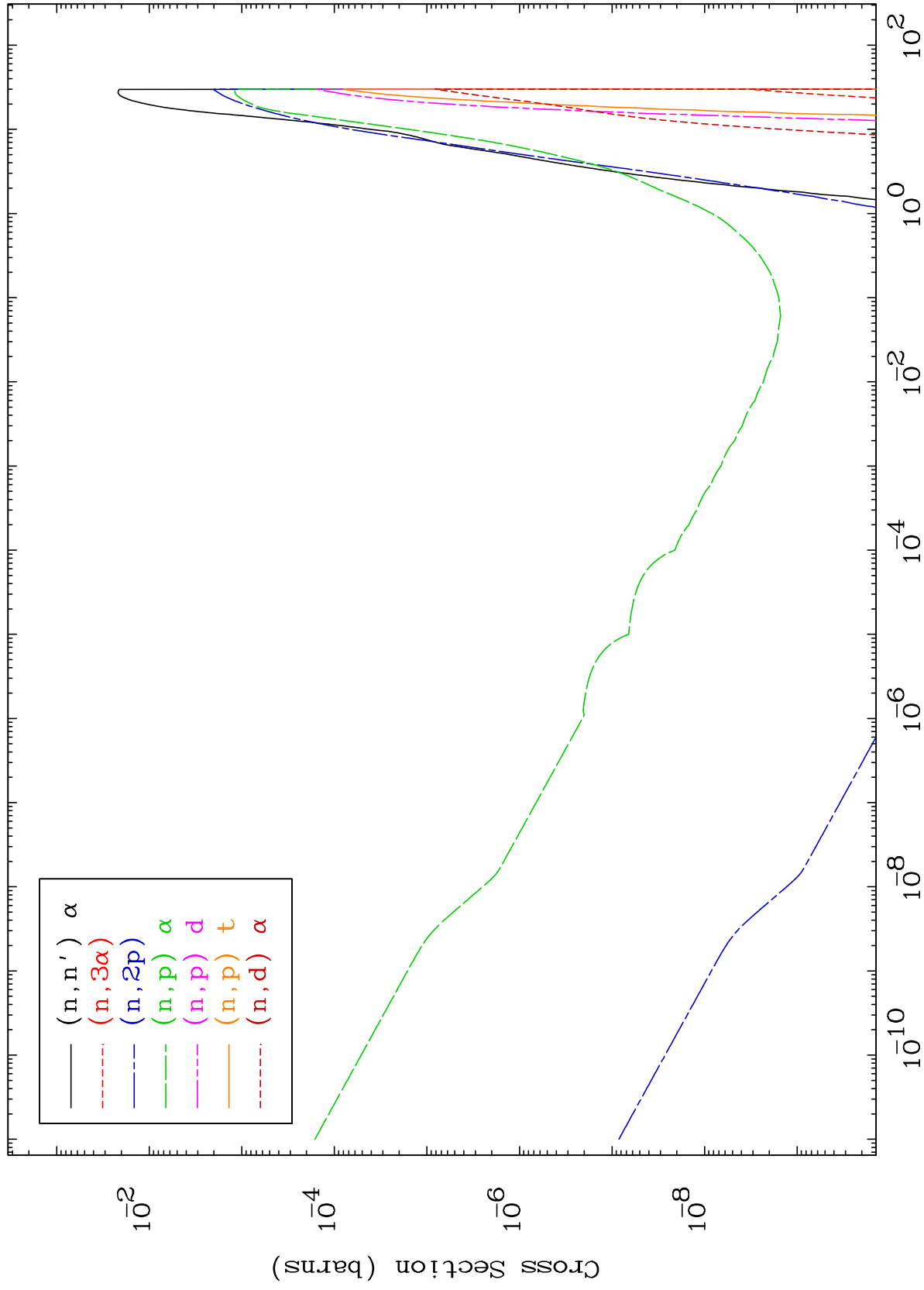


MAT 8701

Charged Particle
293 Kelvin Cross Sections

87-Fr-204

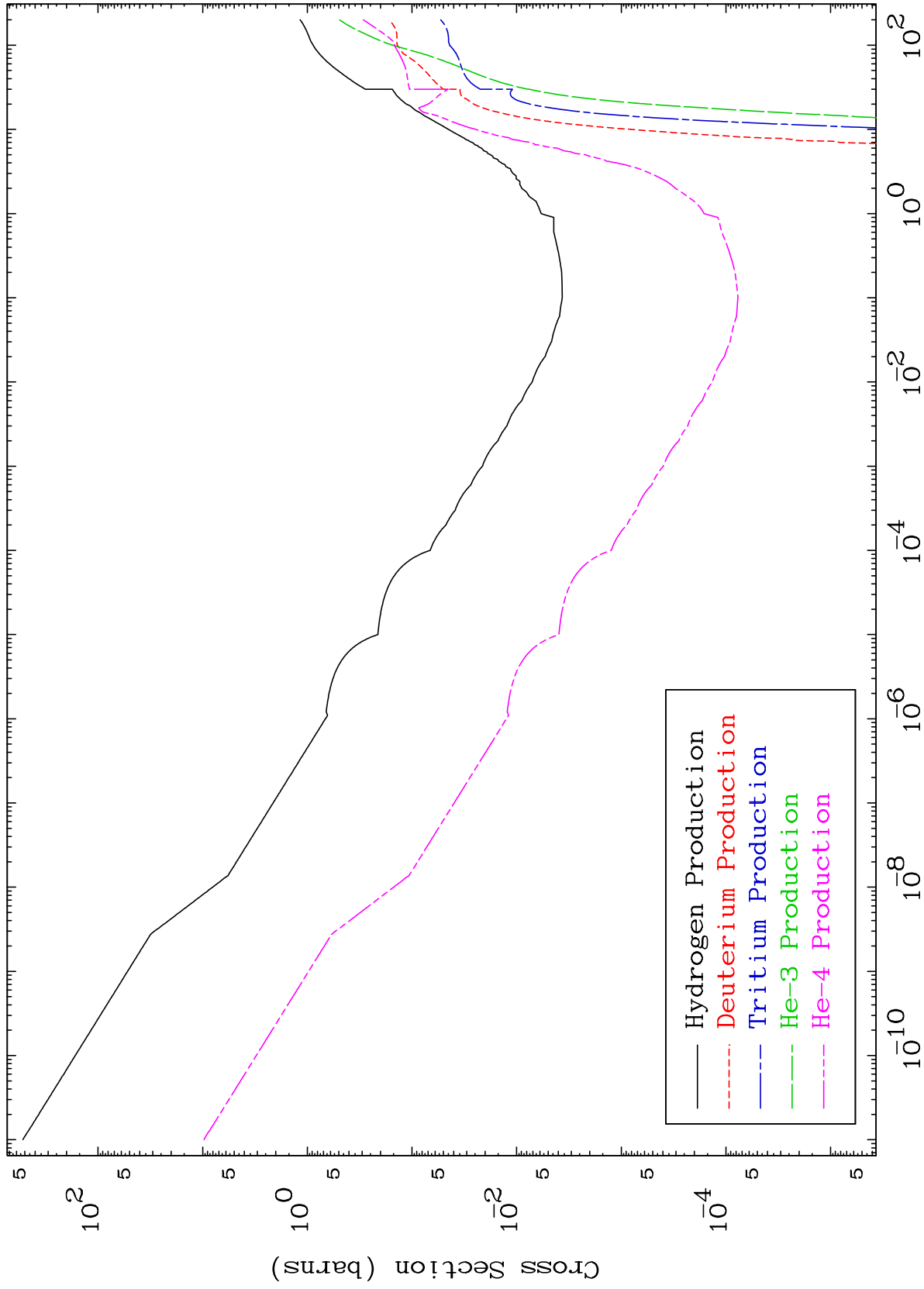




MAT 8701

Particle Production
293 Kelvin Cross Sections

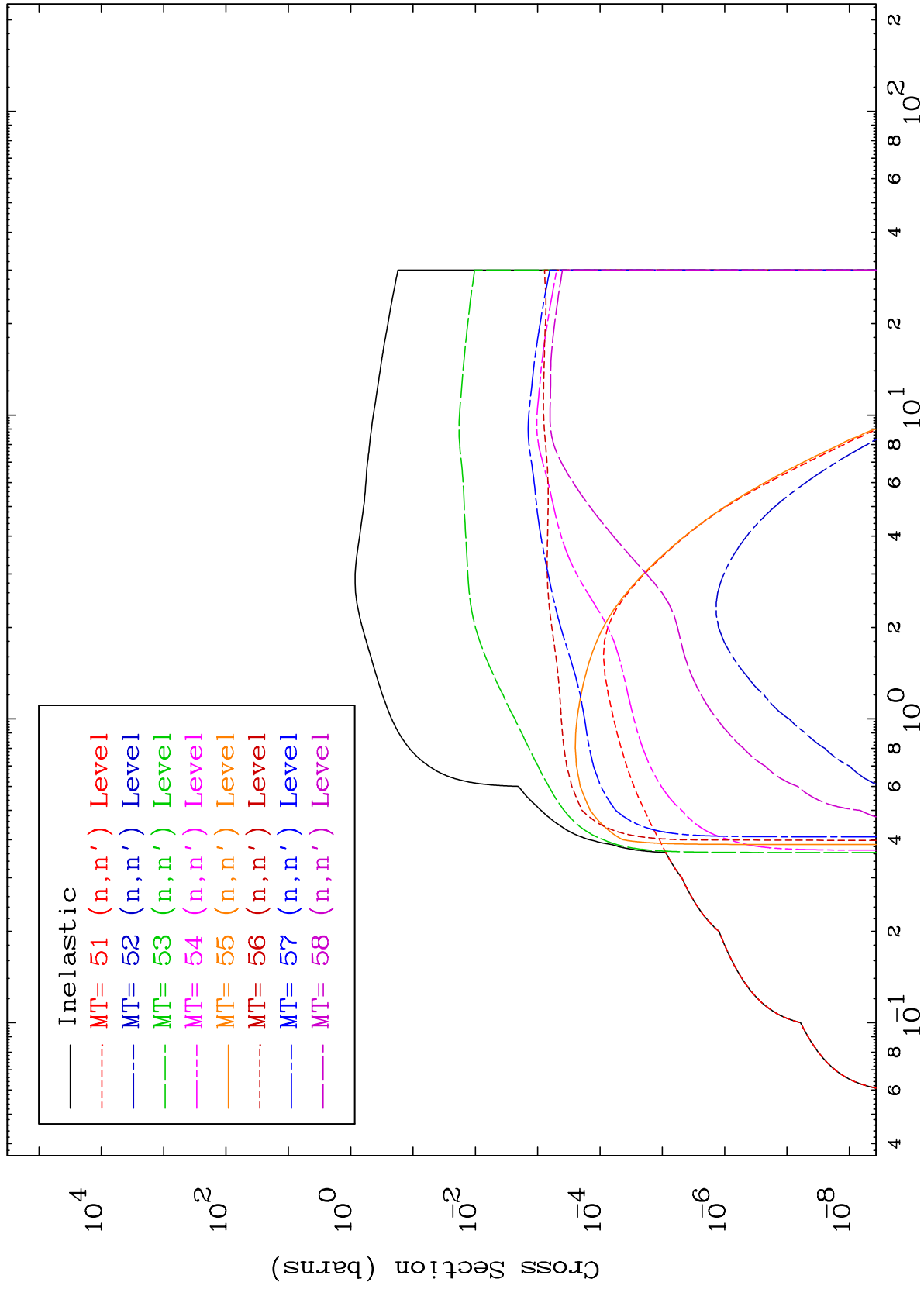
87-Fr-204



MAT 8701

(n,n') Levels
293 Kelvin Cross Sections

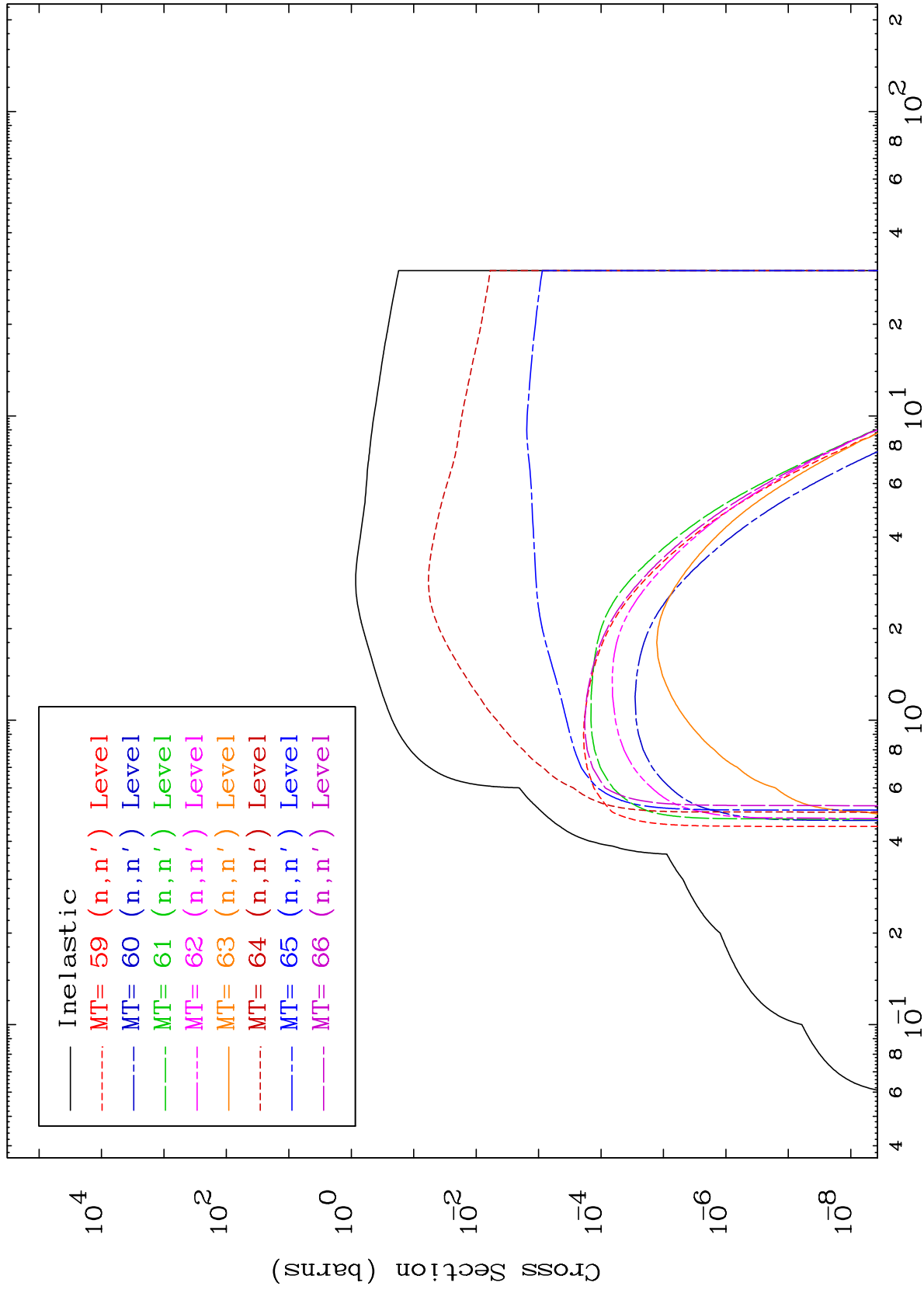
87-Fr-204



10

Incident Energy (MeV)

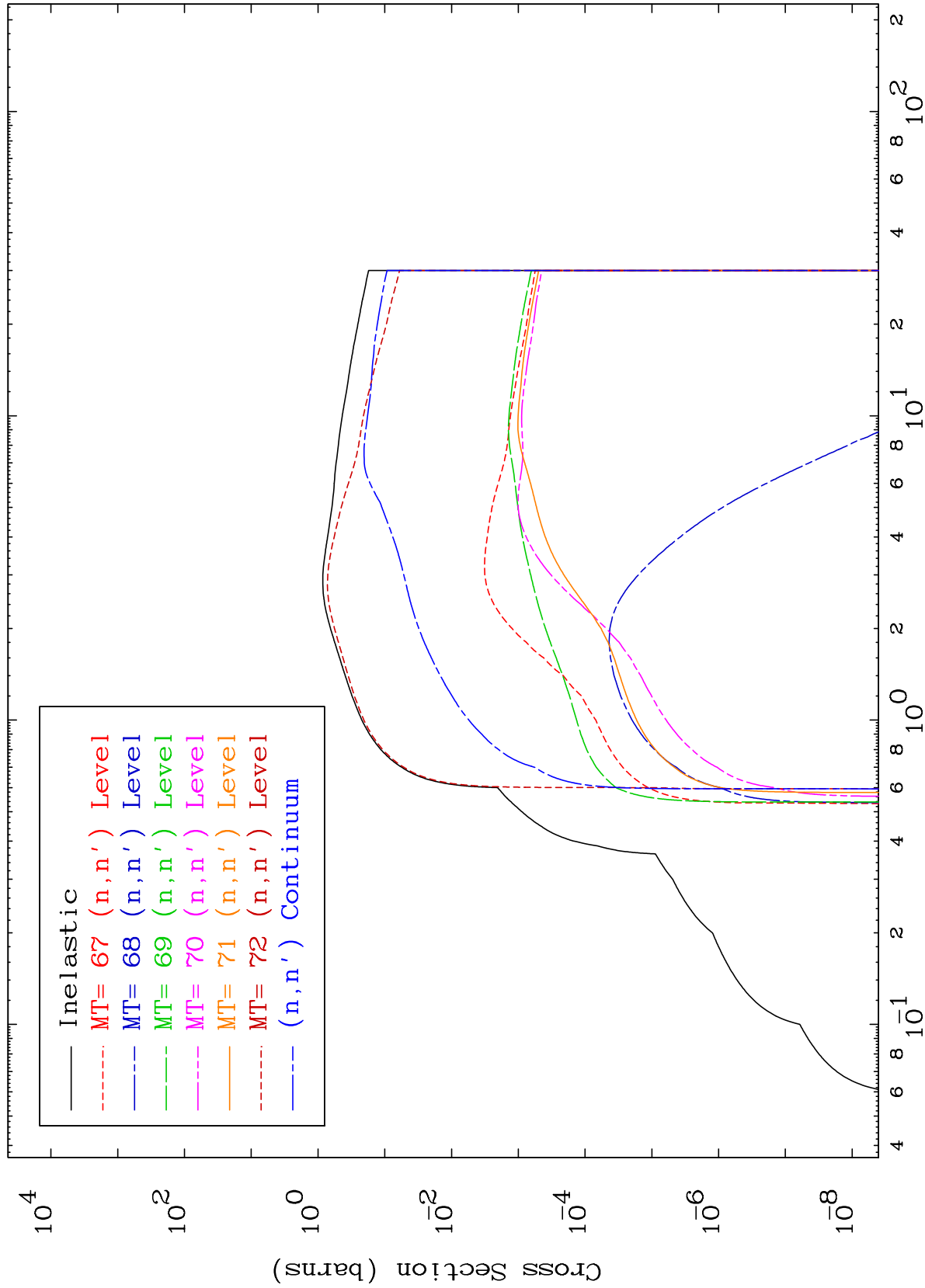
87-Fr-204

(n,n') Levels
293 Kelvin Cross Sections

MAT 8701

(n,n') Levels
293 Kelvin Cross Sections

87-Fr-204



12

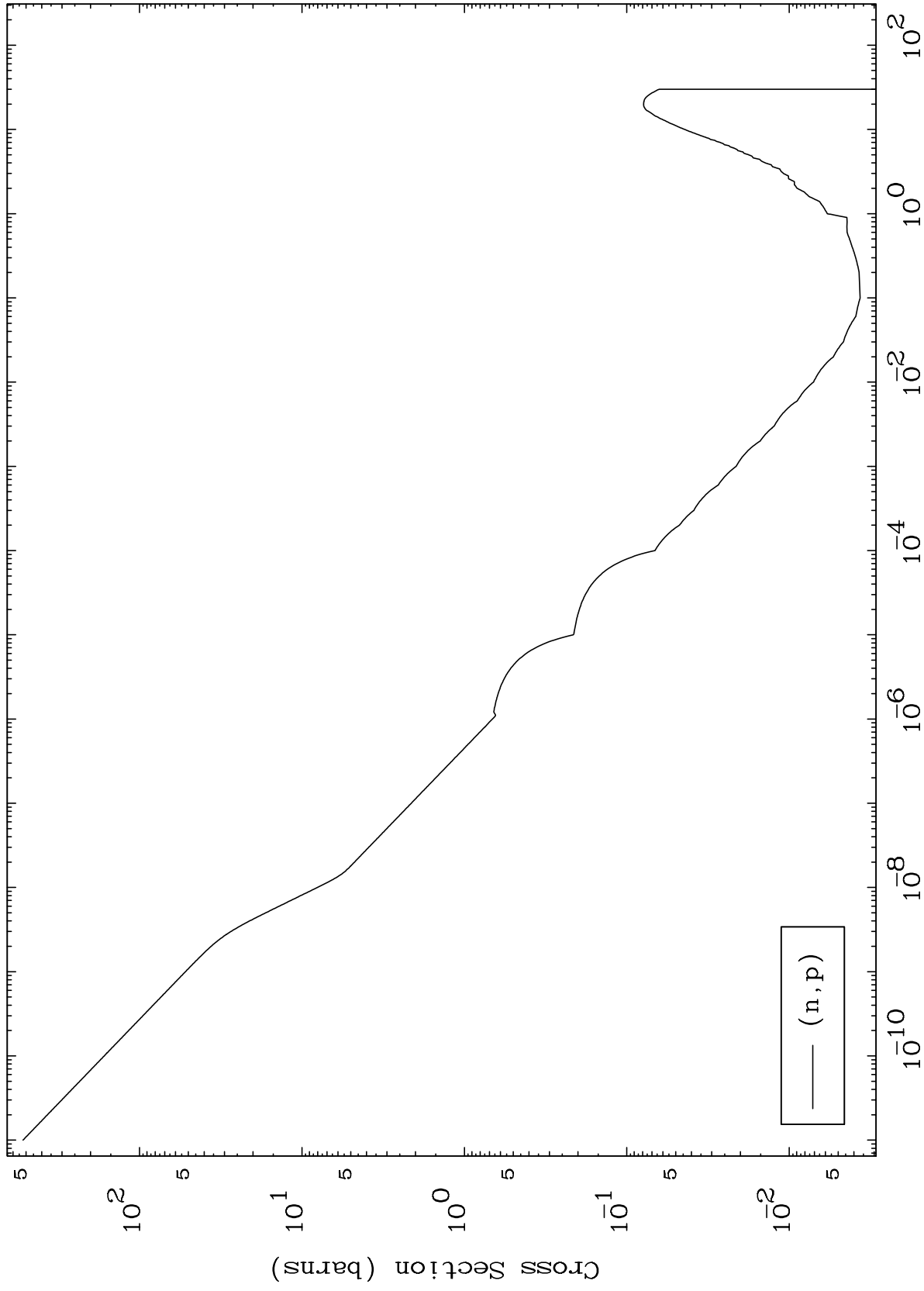
Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

(n,p) Levels
293 Kelvin Cross Sections



13

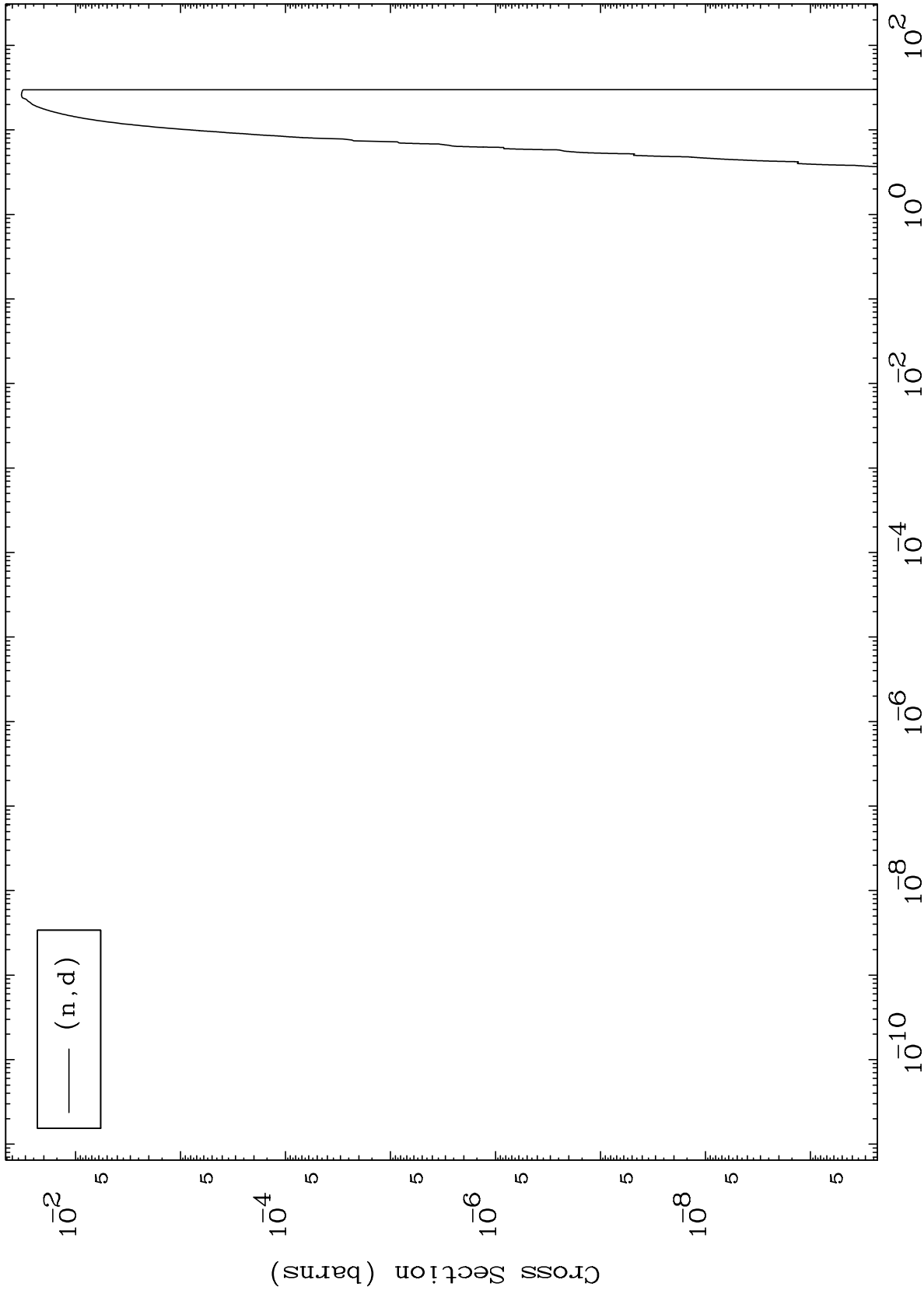
Incident Energy (MeV)

87-Fr-204

MAT 8701

(n,d) Levels
293 Kelvin Cross Sections

87-Fr-204



14

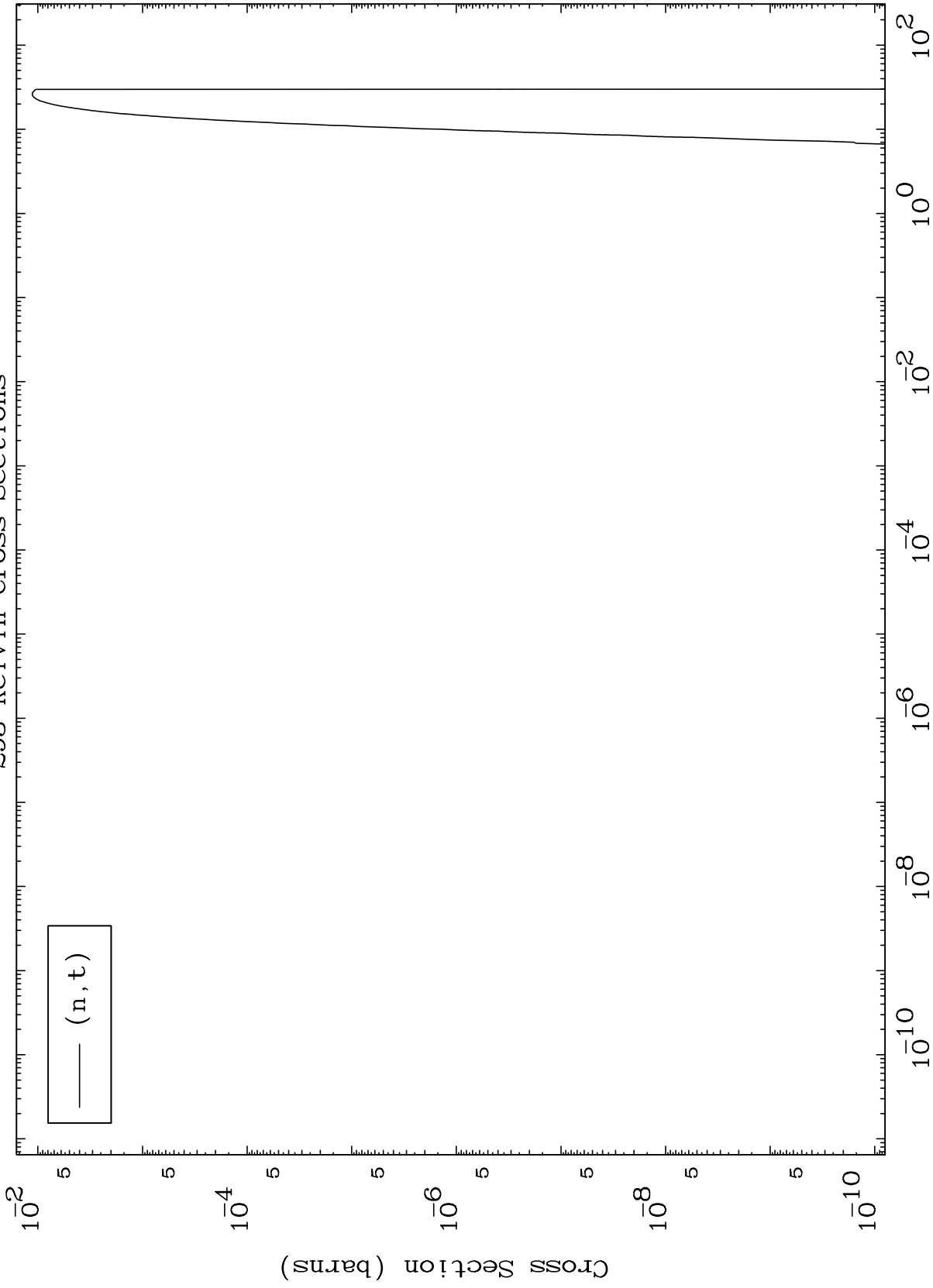
Incident Energy (MeV)

87-Fr-204

MAT 8701

(n,t) Levels
293 Kelvin Cross Sections

87-Fr-204



15

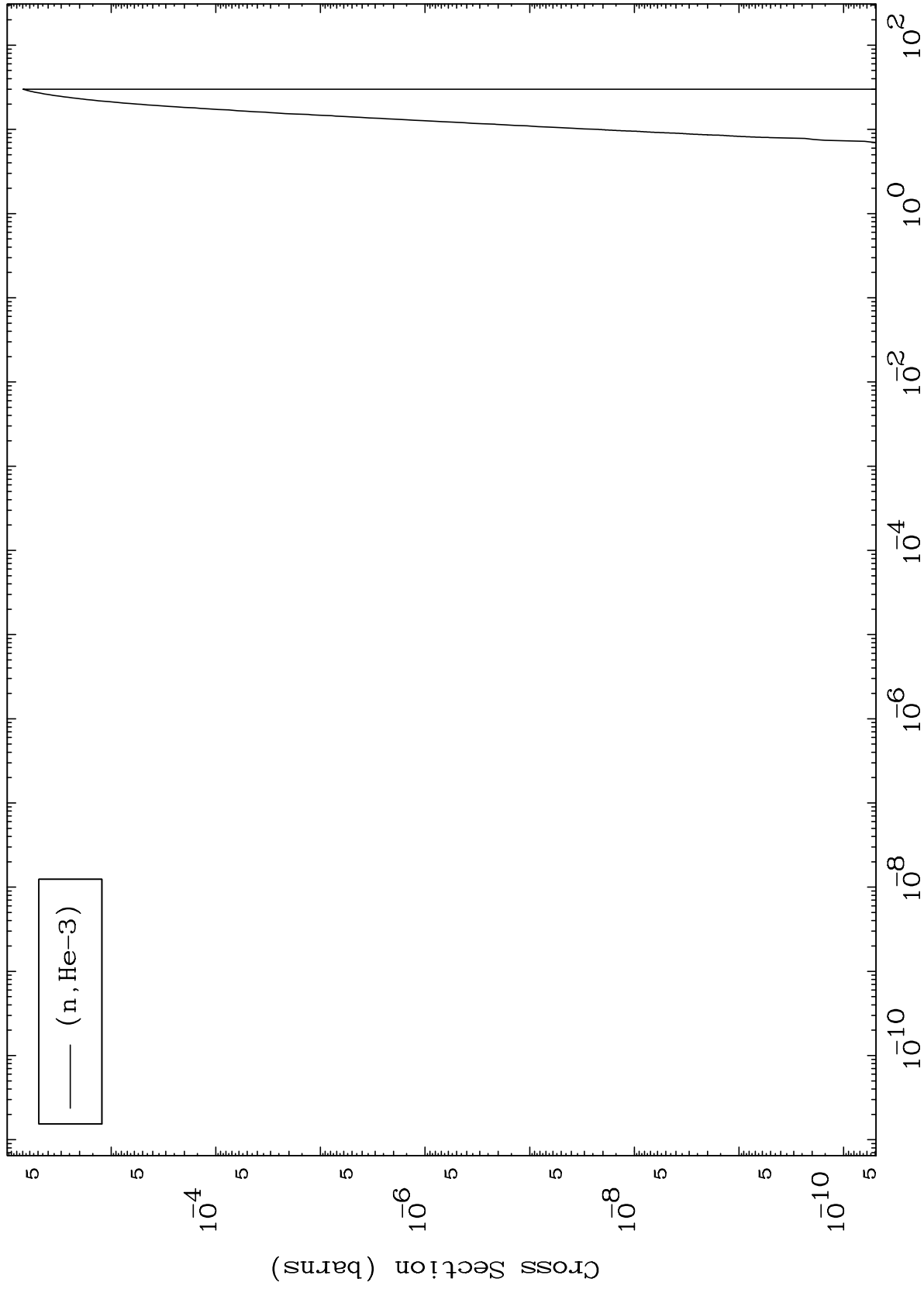
Incident Energy (MeV)

87-Fr-204

MAT 8701

(n,He3) Levels
293 Kelvin Cross Sections

87-Fr-204



16

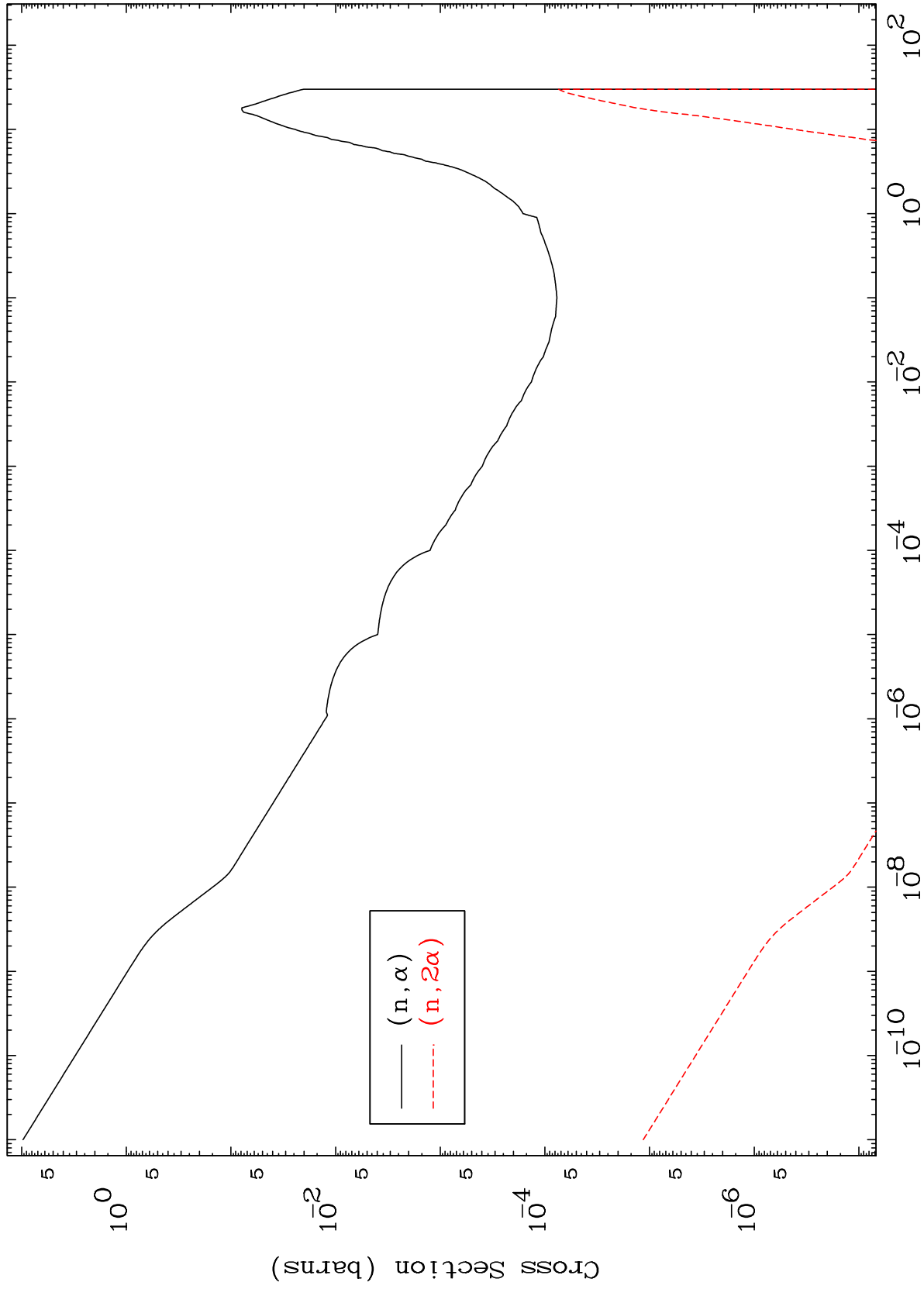
Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

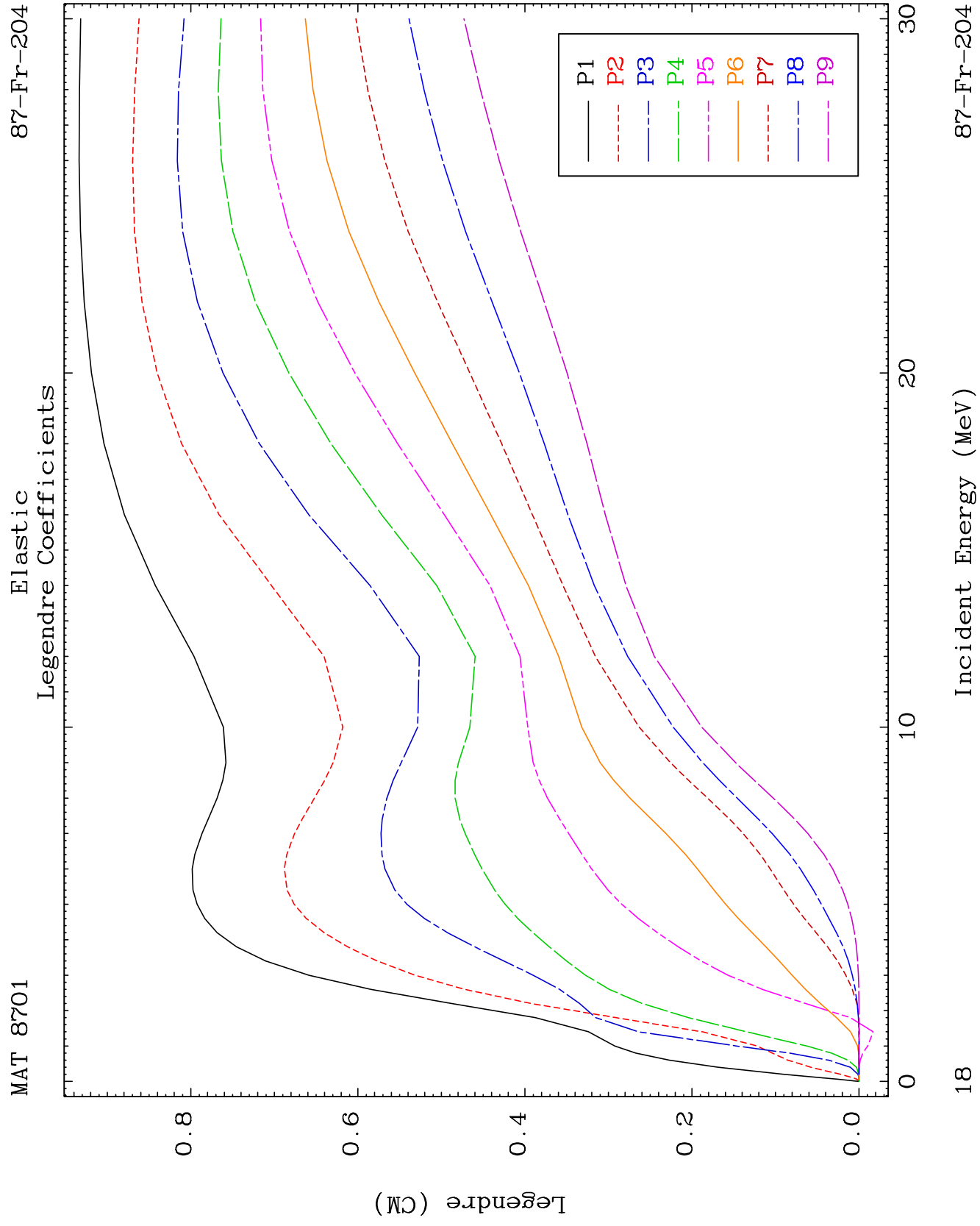
(n, α) Levels
293 Kelvin Cross Sections

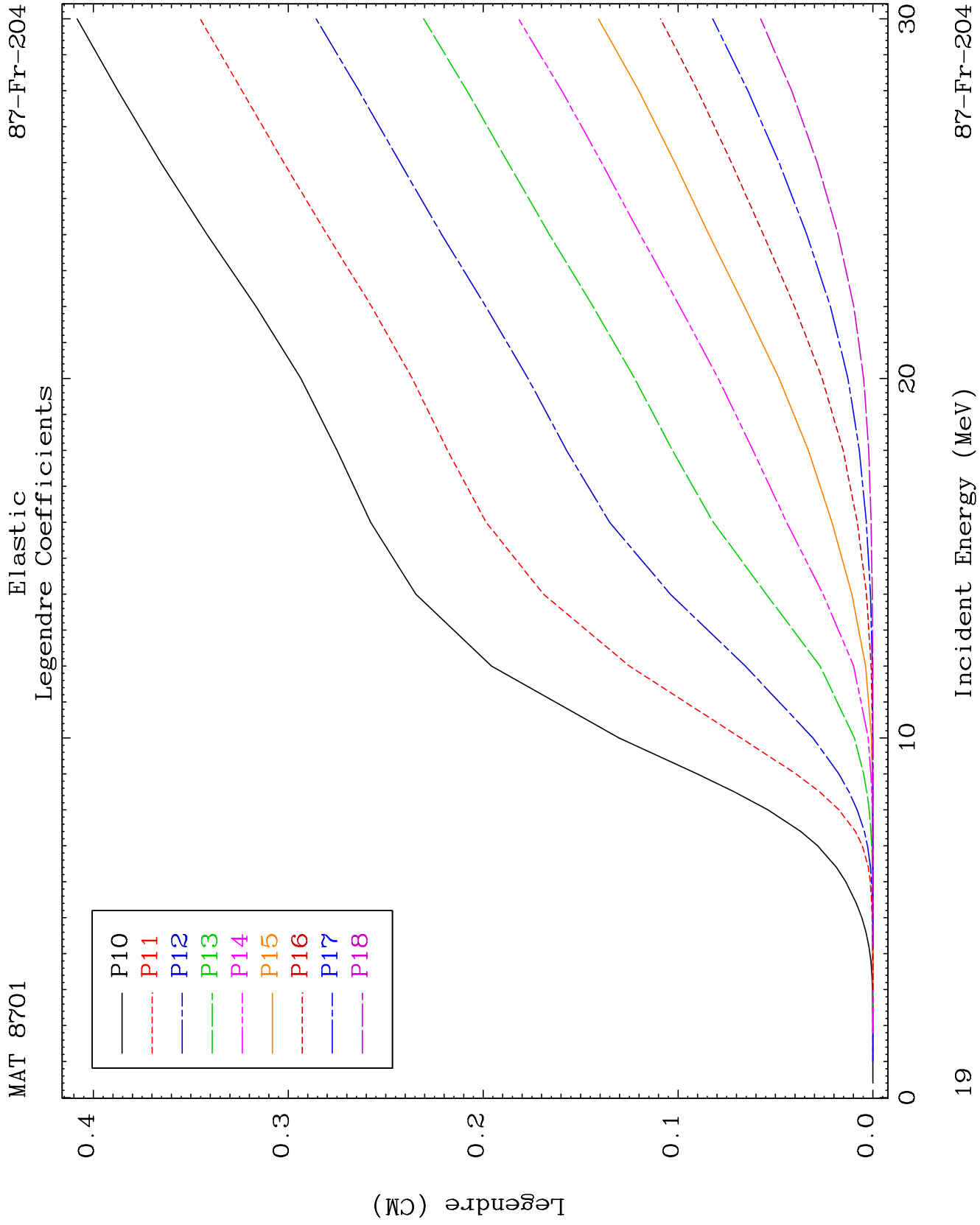


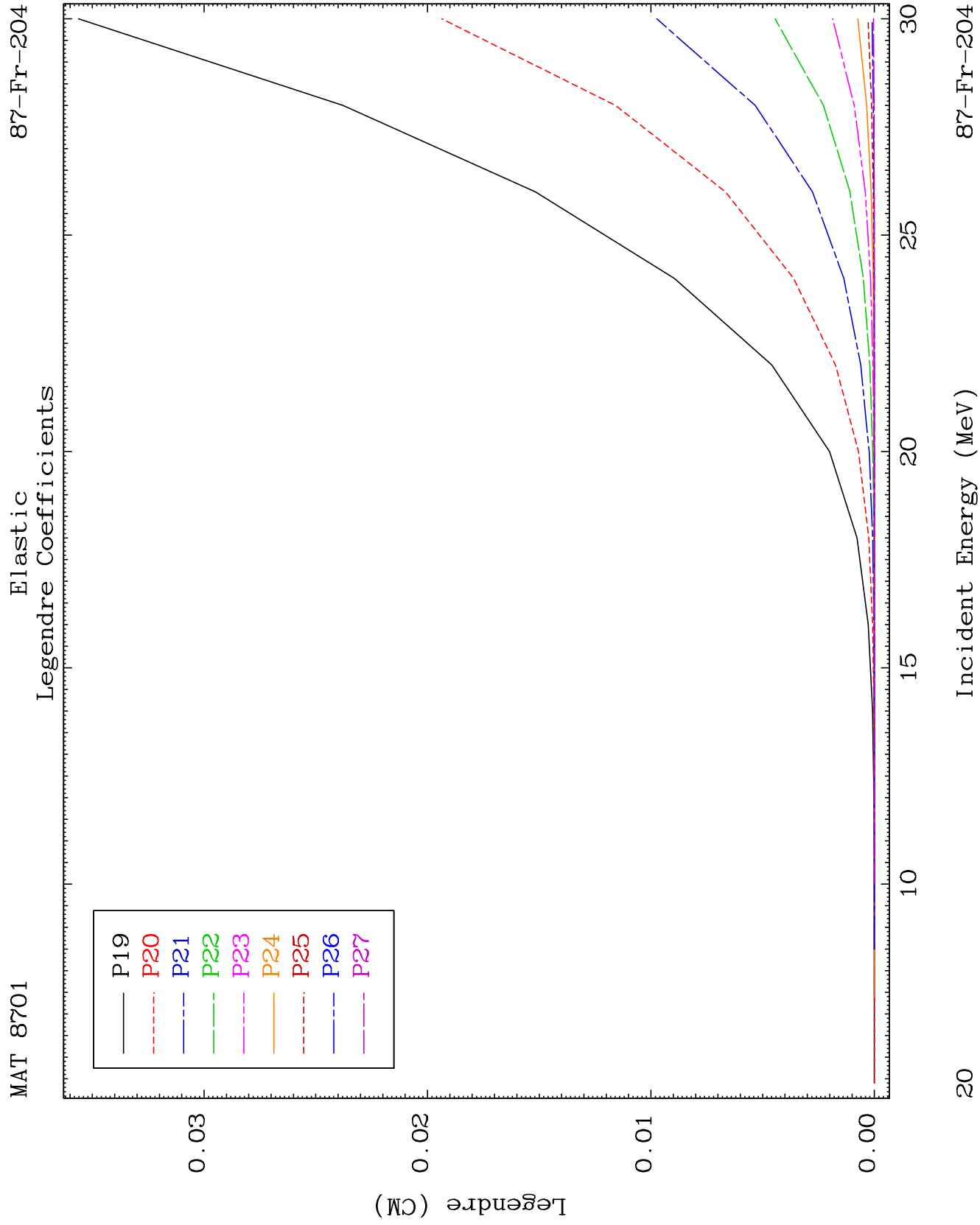
17

Incident Energy (MeV)

87-Fr-204



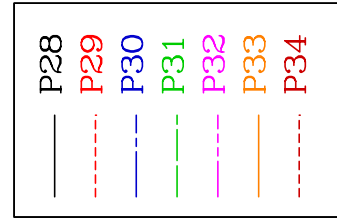




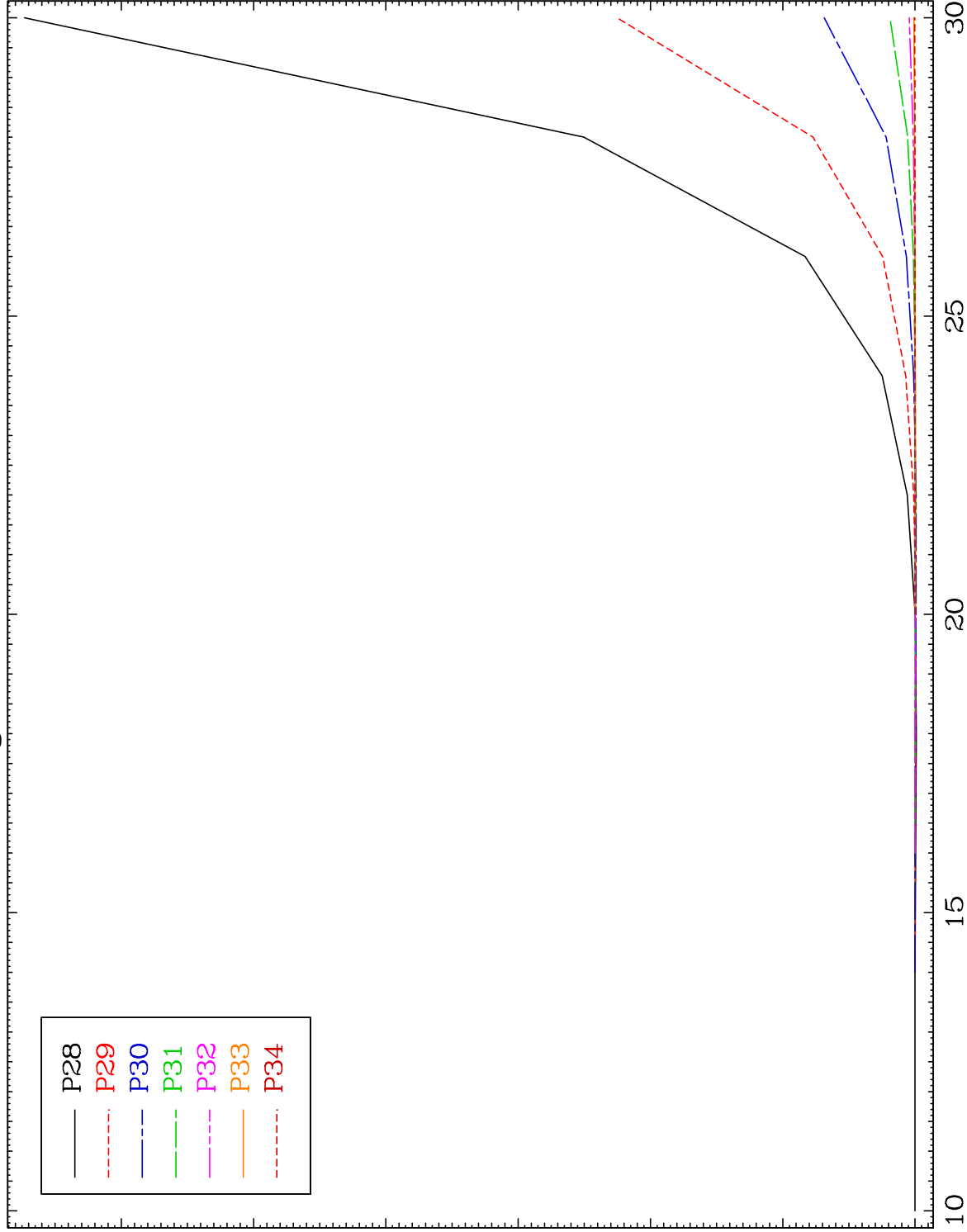
MAT 8701

Elastic
Legendre Coefficients

87-Fr-204



Legendre (CM)
X10⁻⁵



21

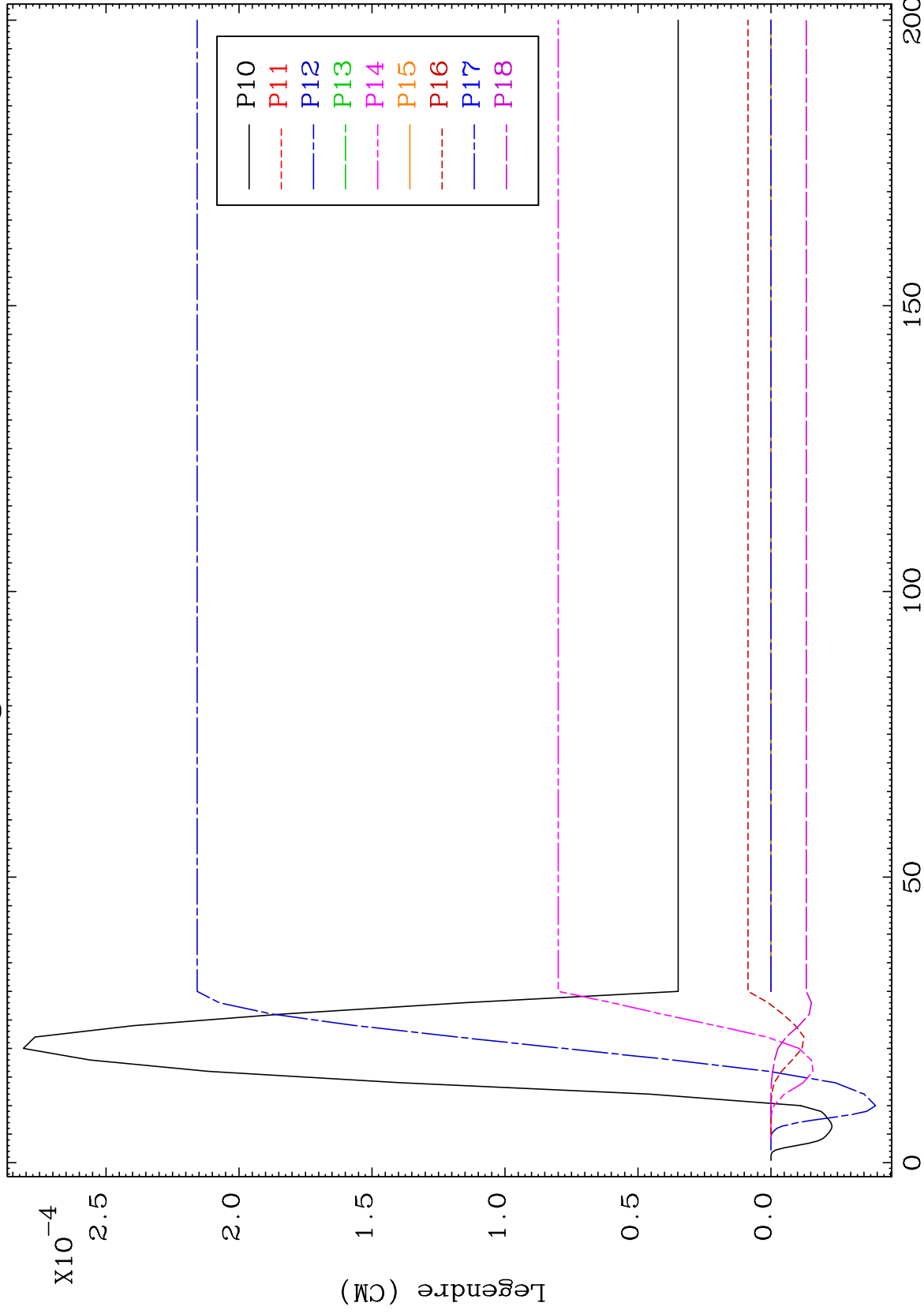
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

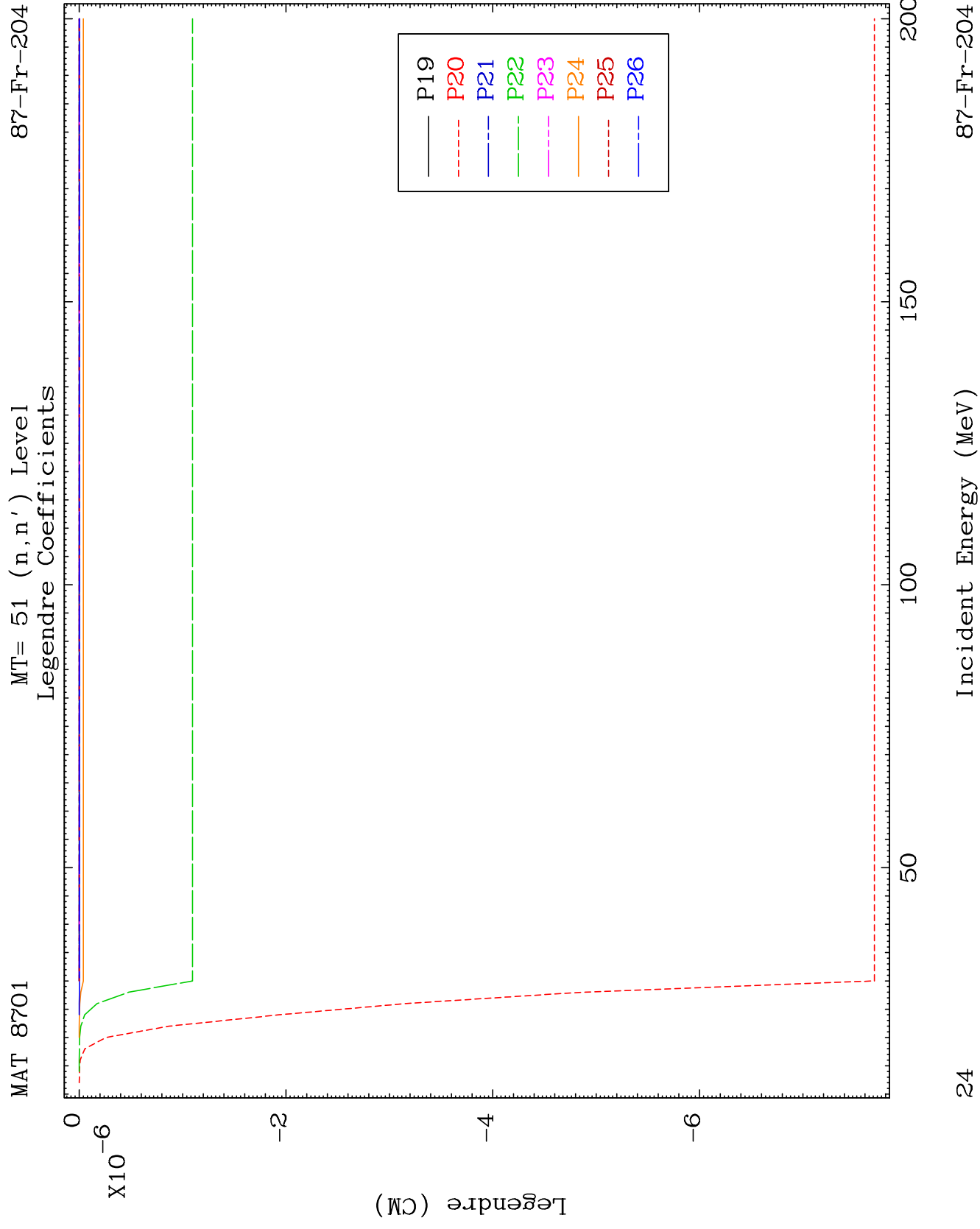
87-Fr-204



23

Incident Energy (MeV)

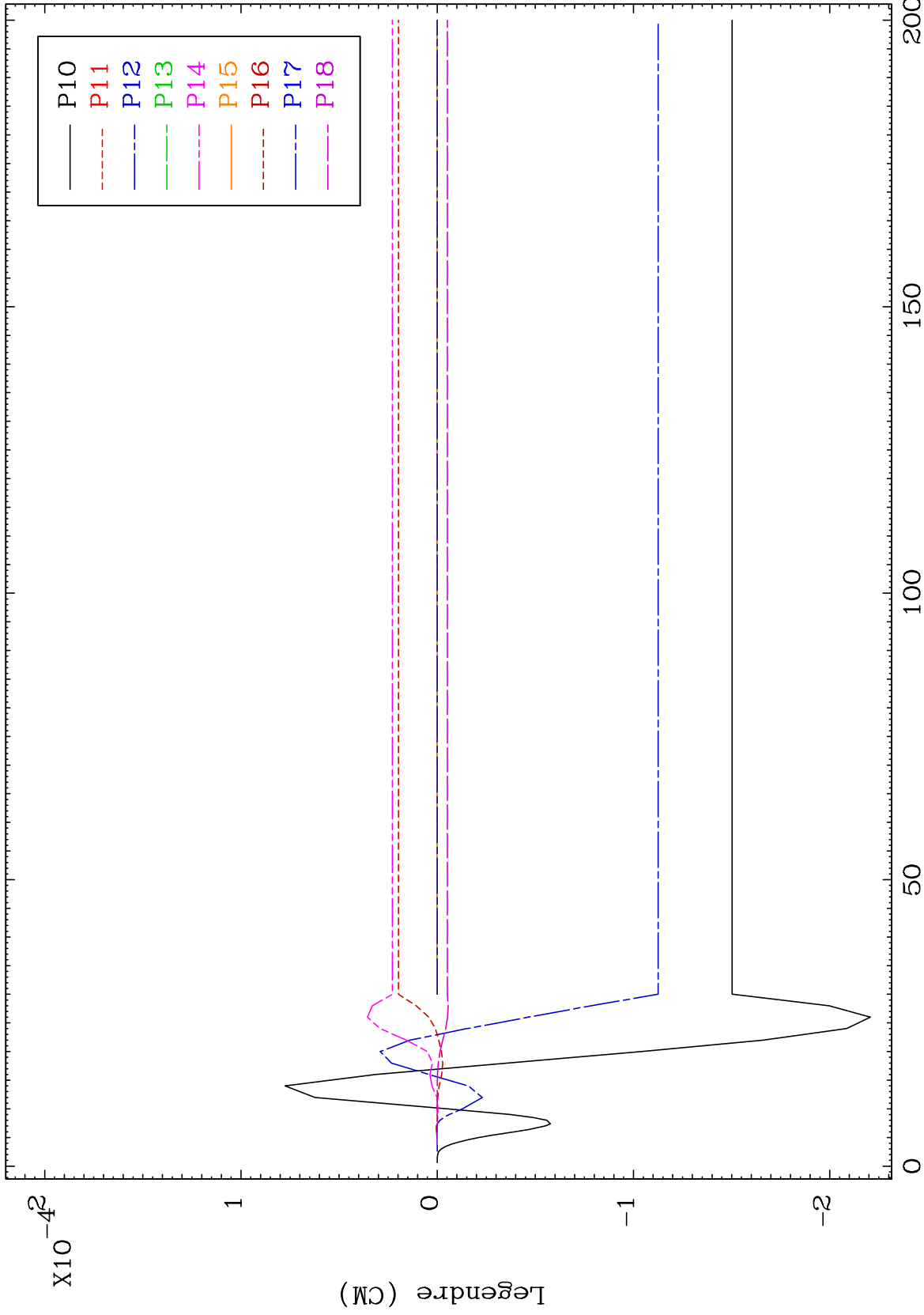
87-Fr-204



MAT 8701

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

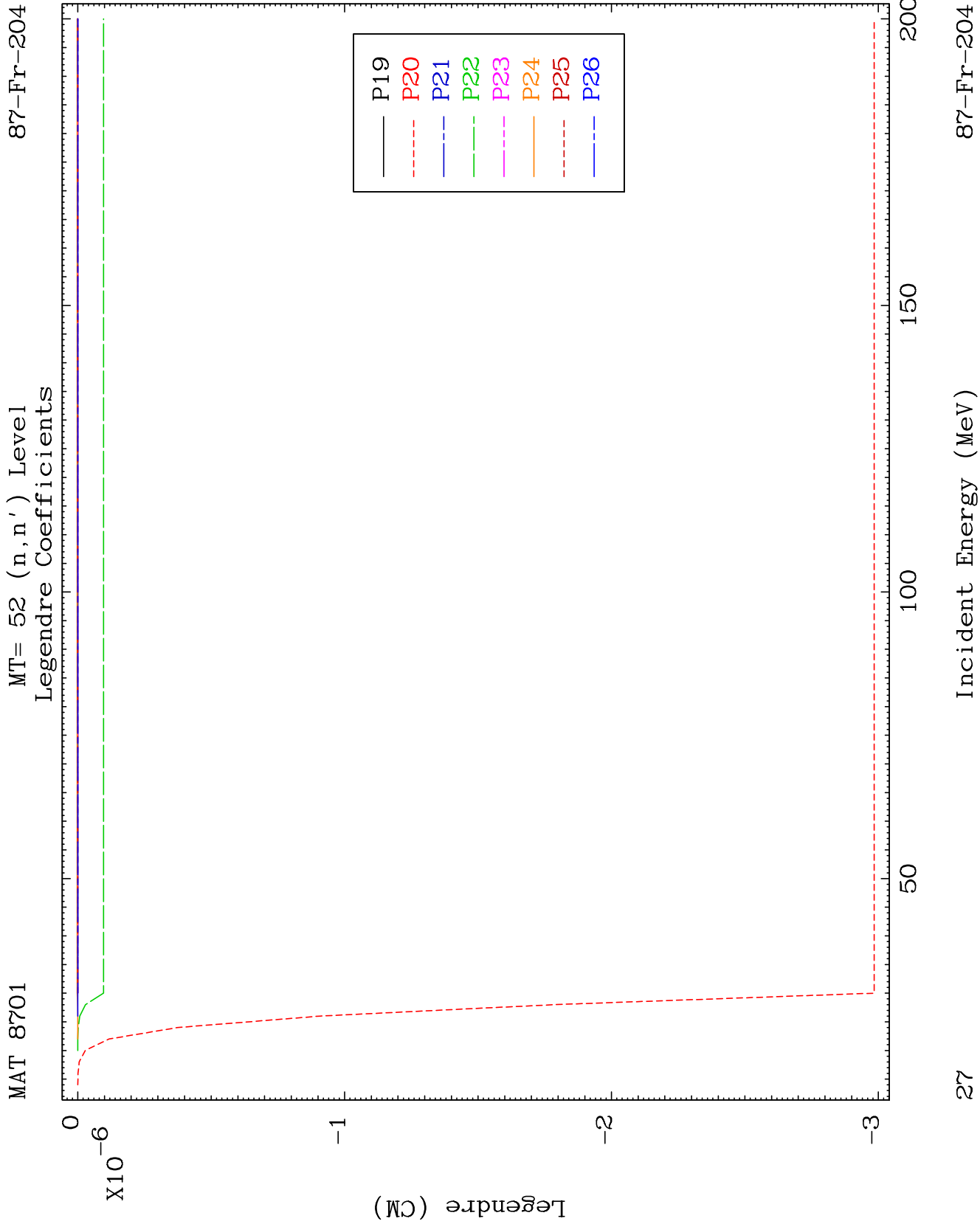
87-Fr-204



26

Incident Energy (MeV)

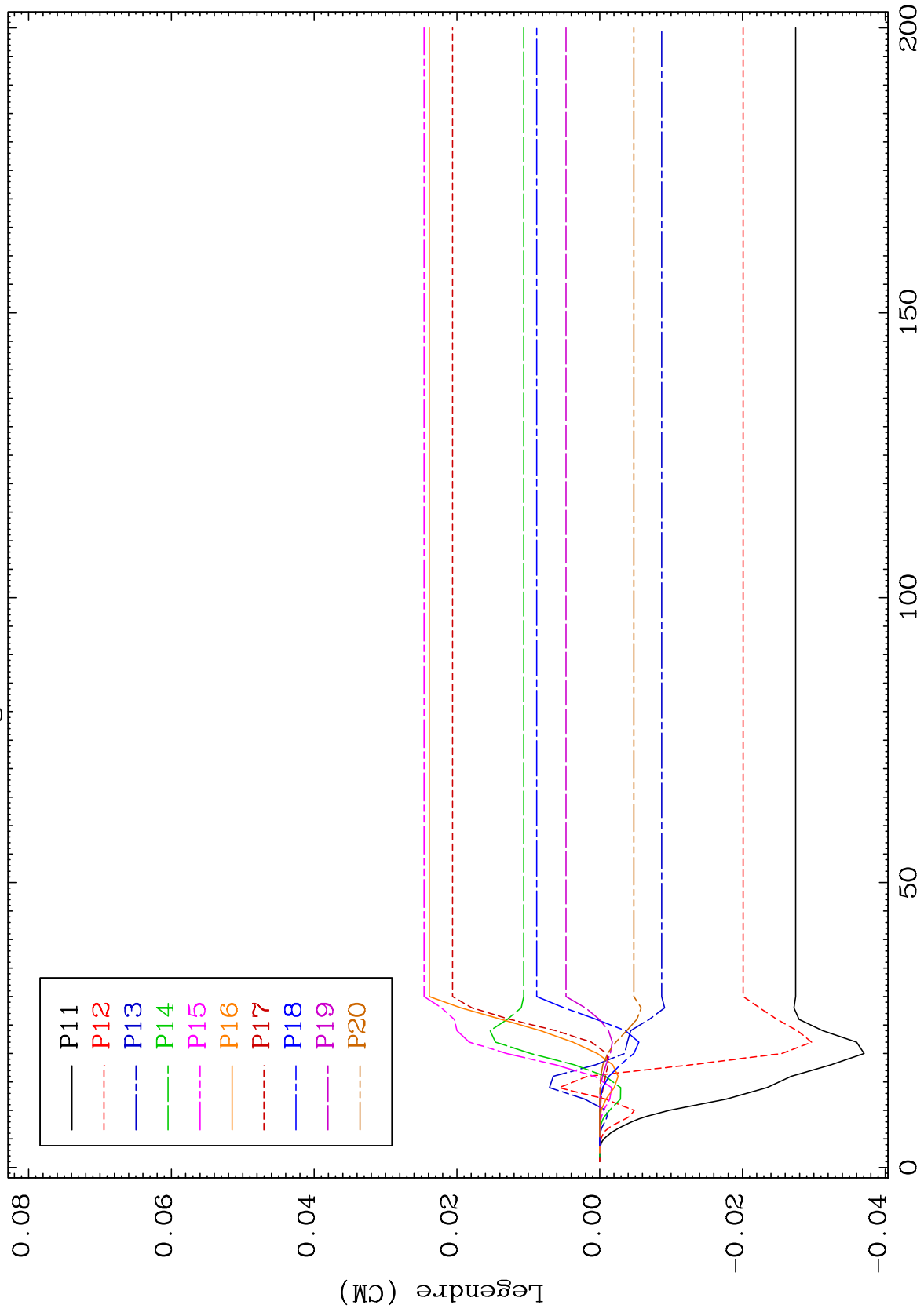
87-Fr-204



MAT 8701

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

87-Fr-204



22

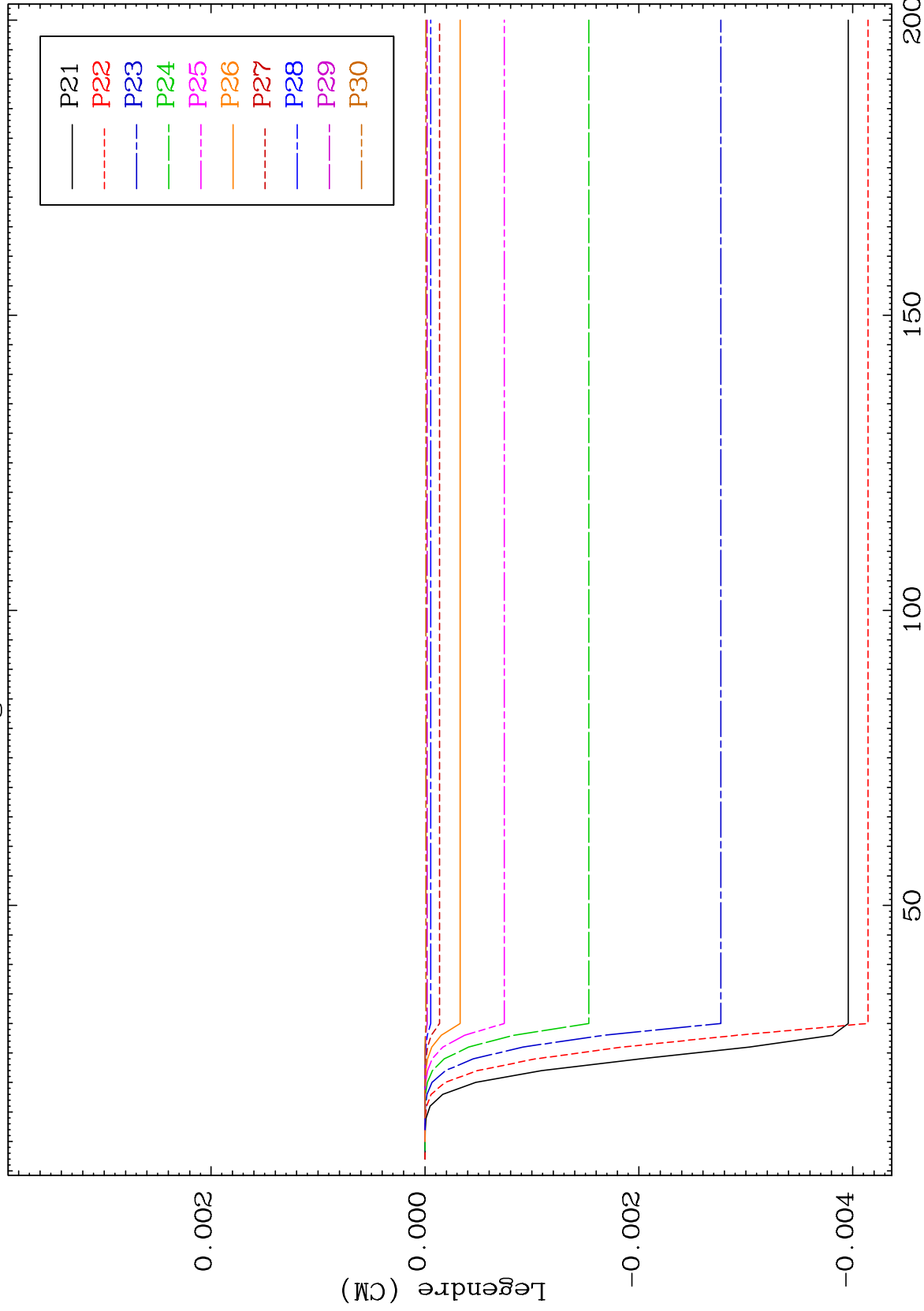
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

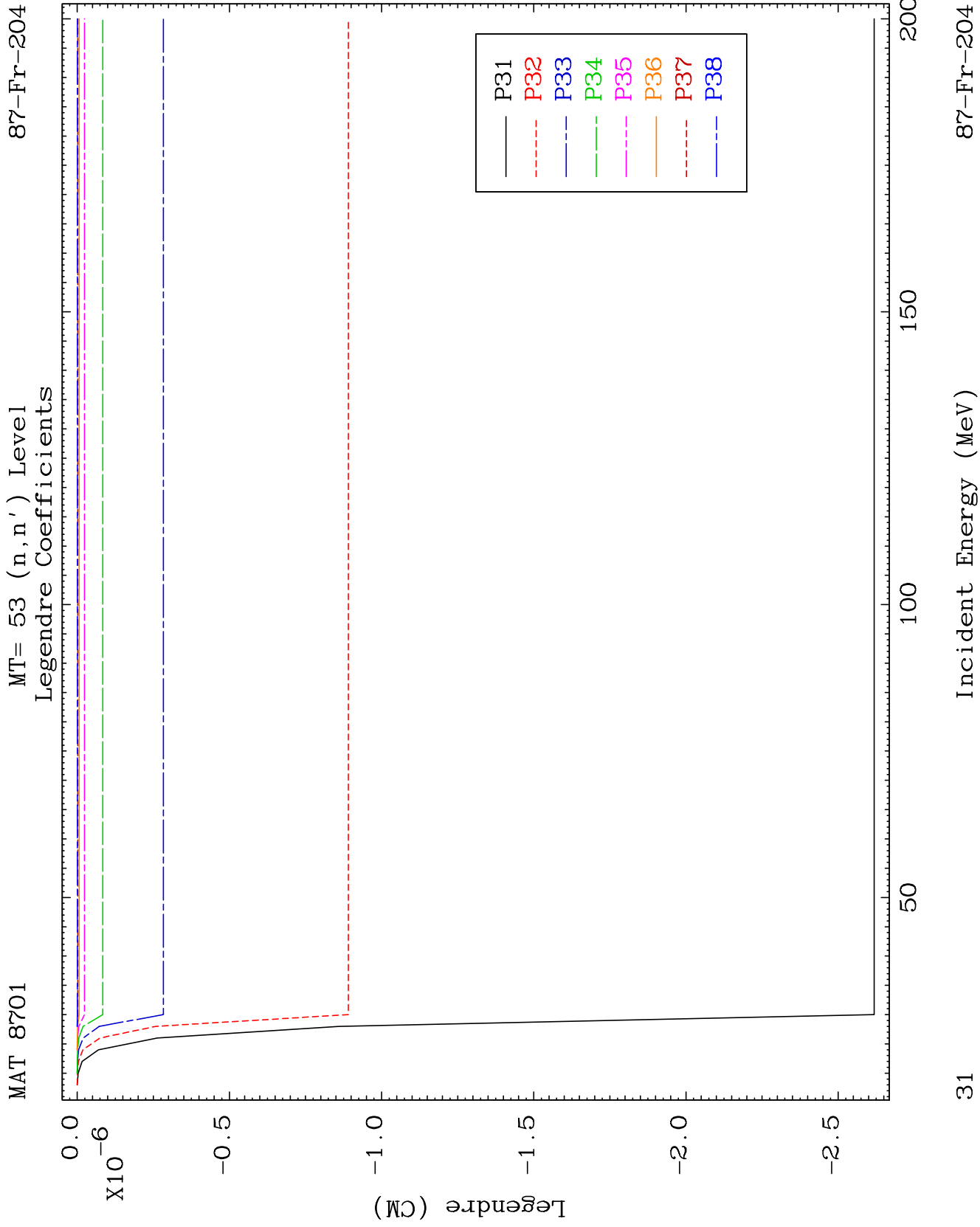
87-Fr-204

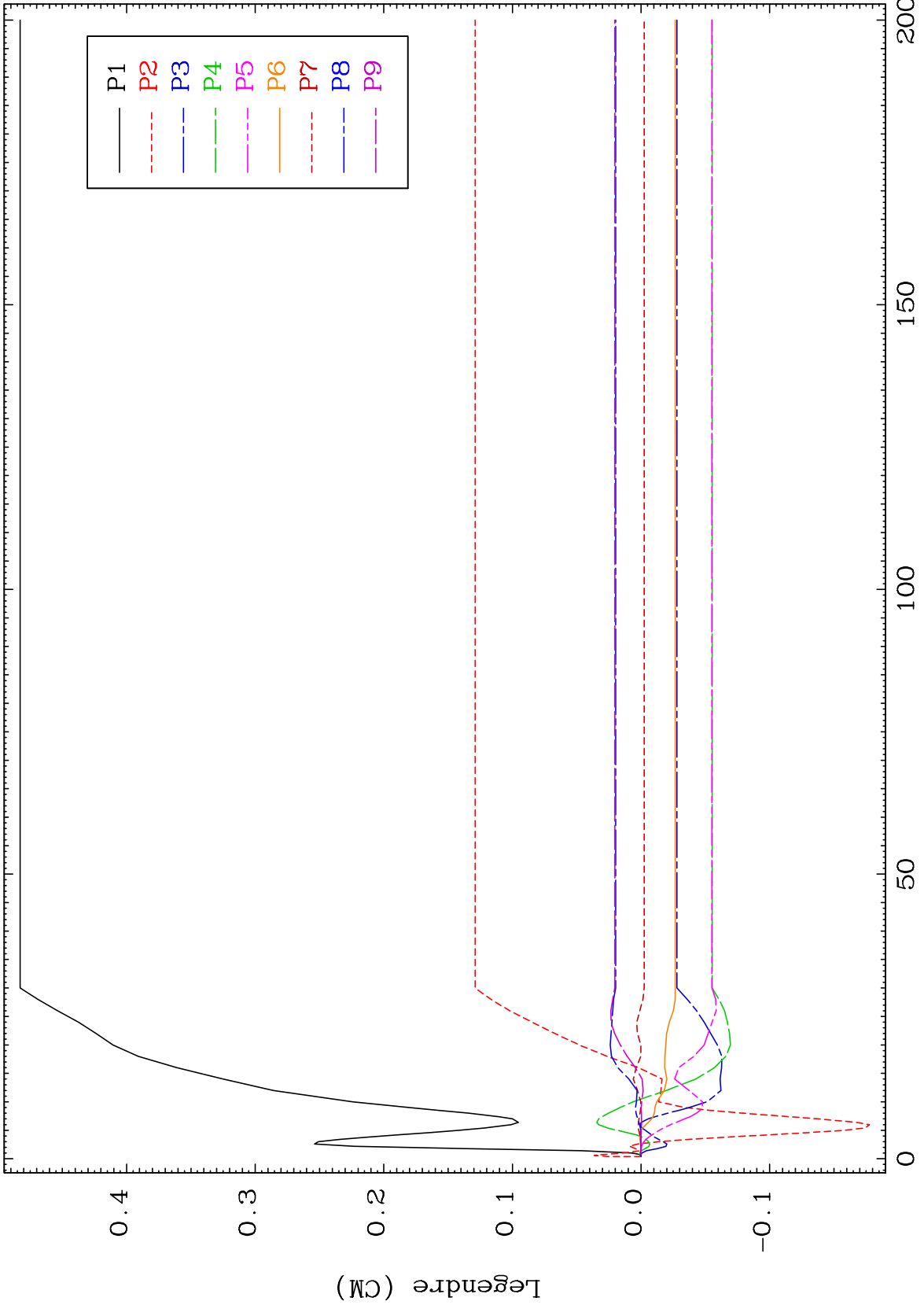


30

Incident Energy (MeV)

87-Fr-204

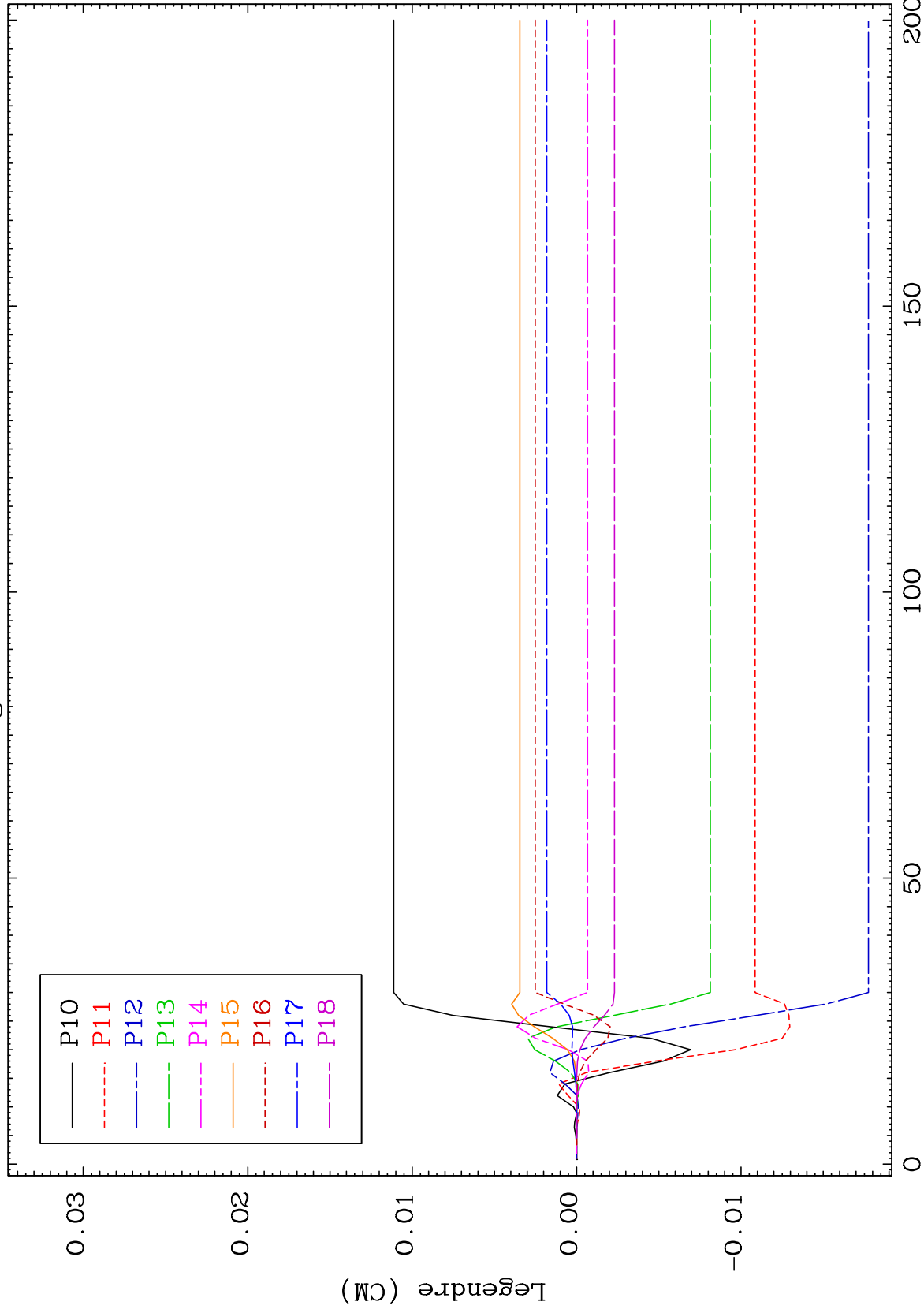




MAT 8701

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

87-Fr-204



33

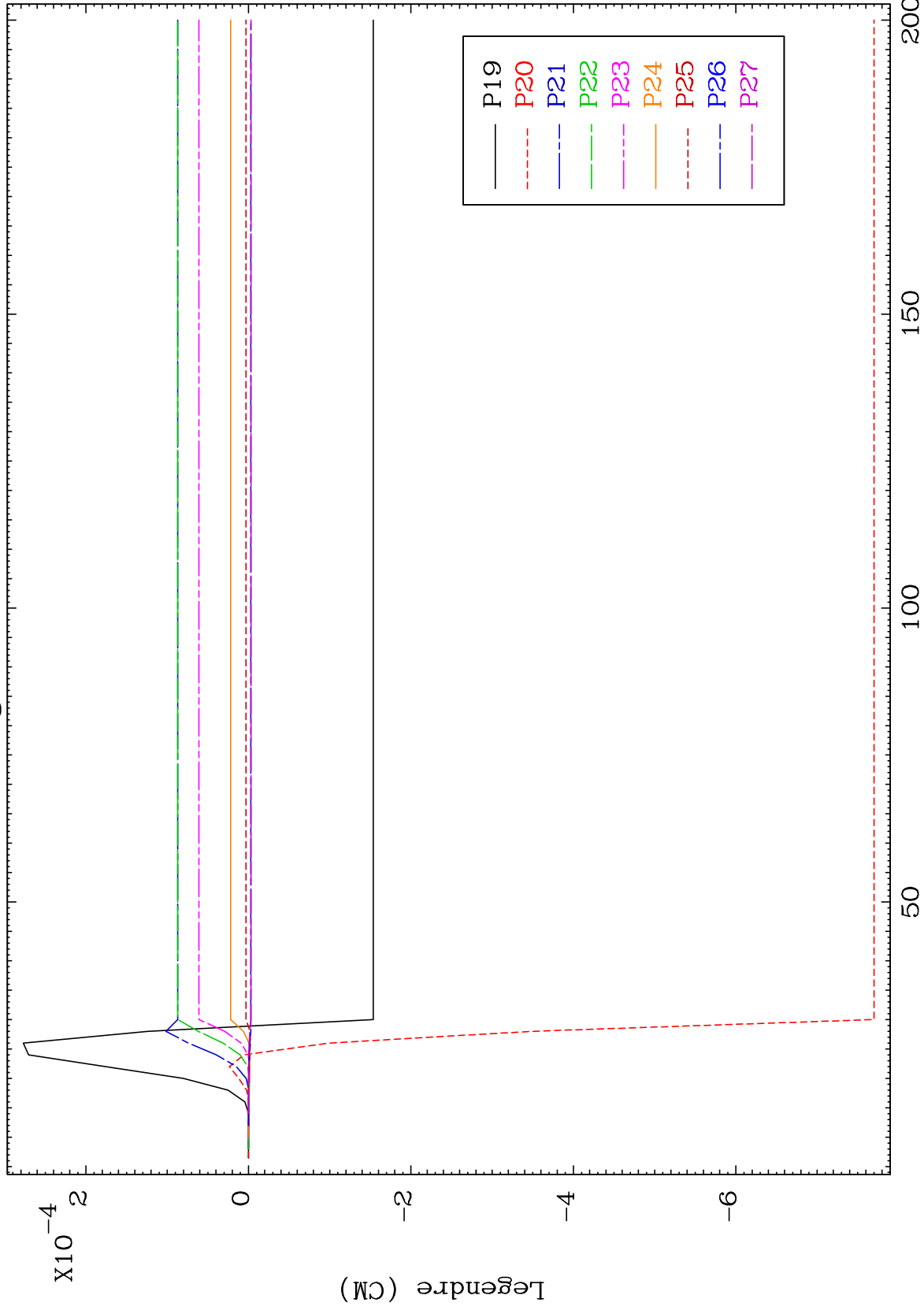
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

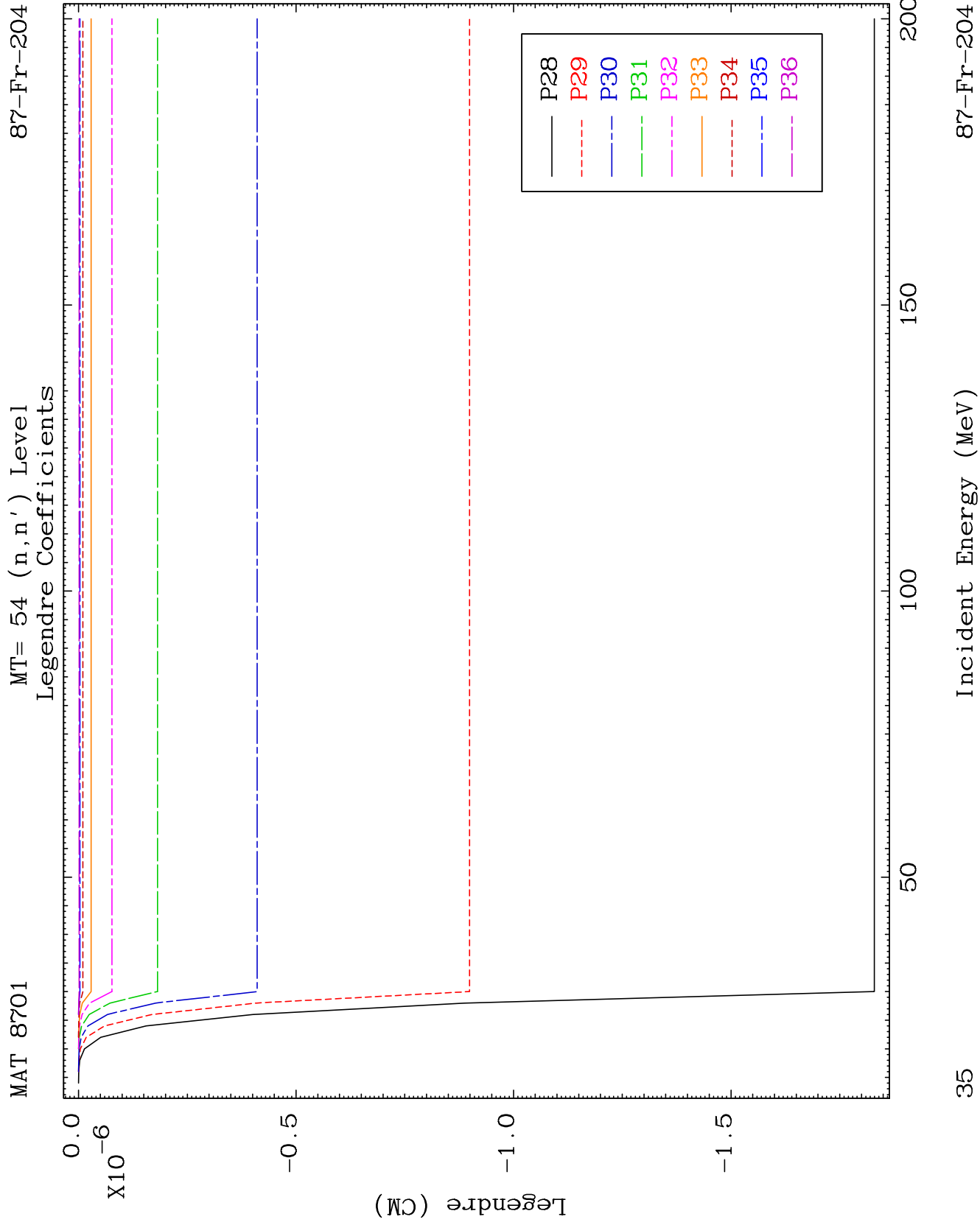
87-Fr-204



34

Incident Energy (MeV)

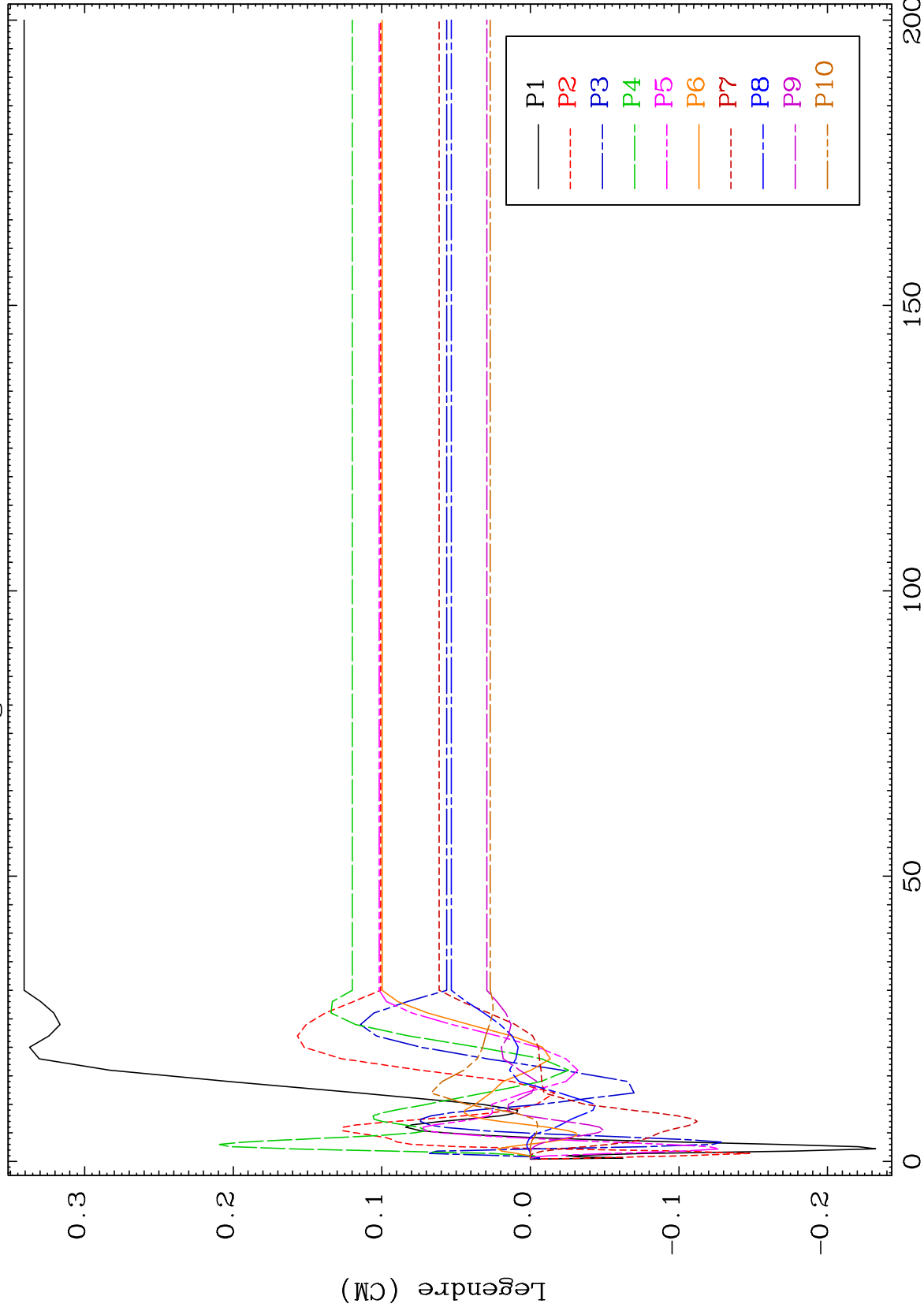
87-Fr-204



MAT 8701

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

87-Fr-204



39

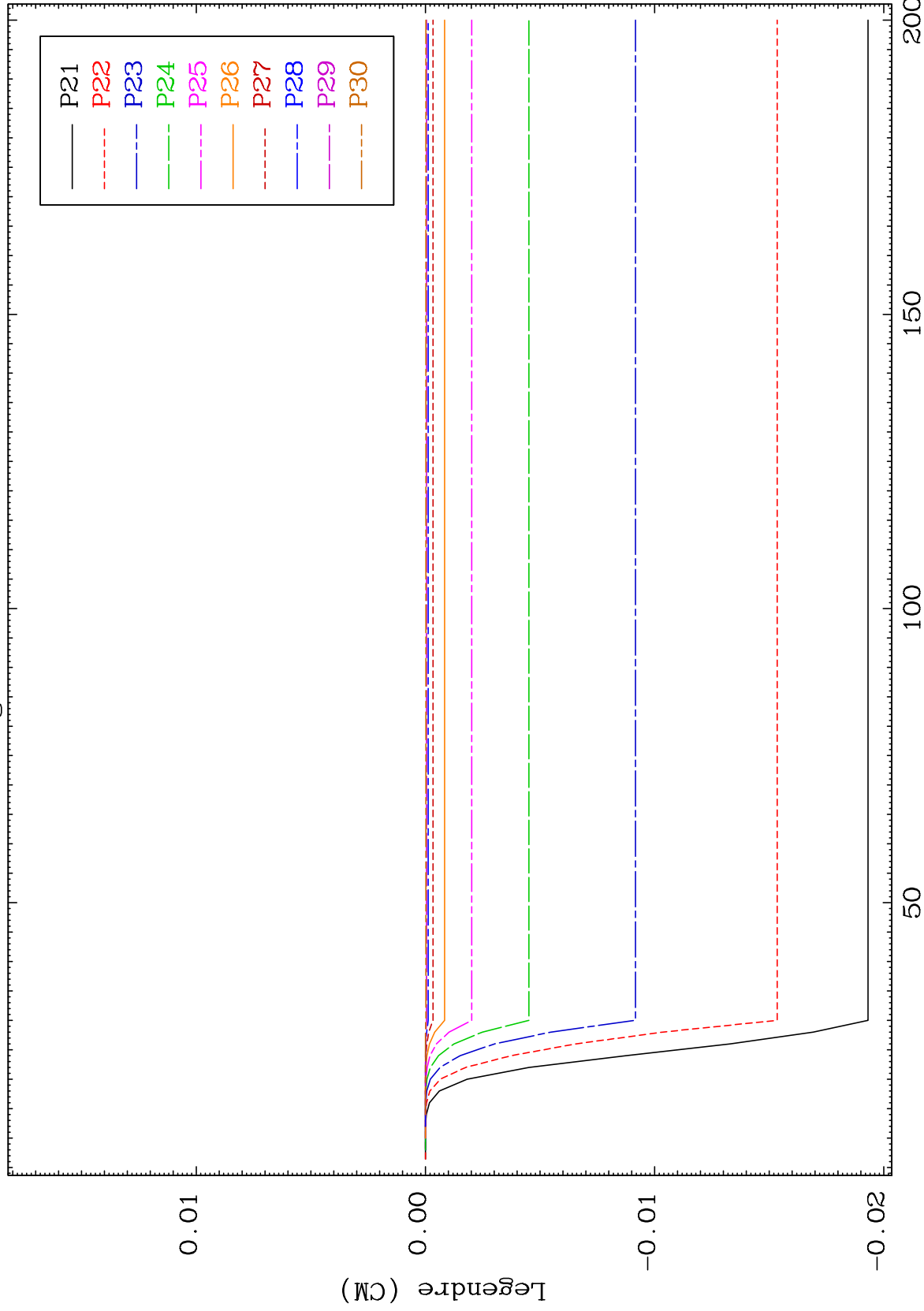
Incident Energy (MeV)

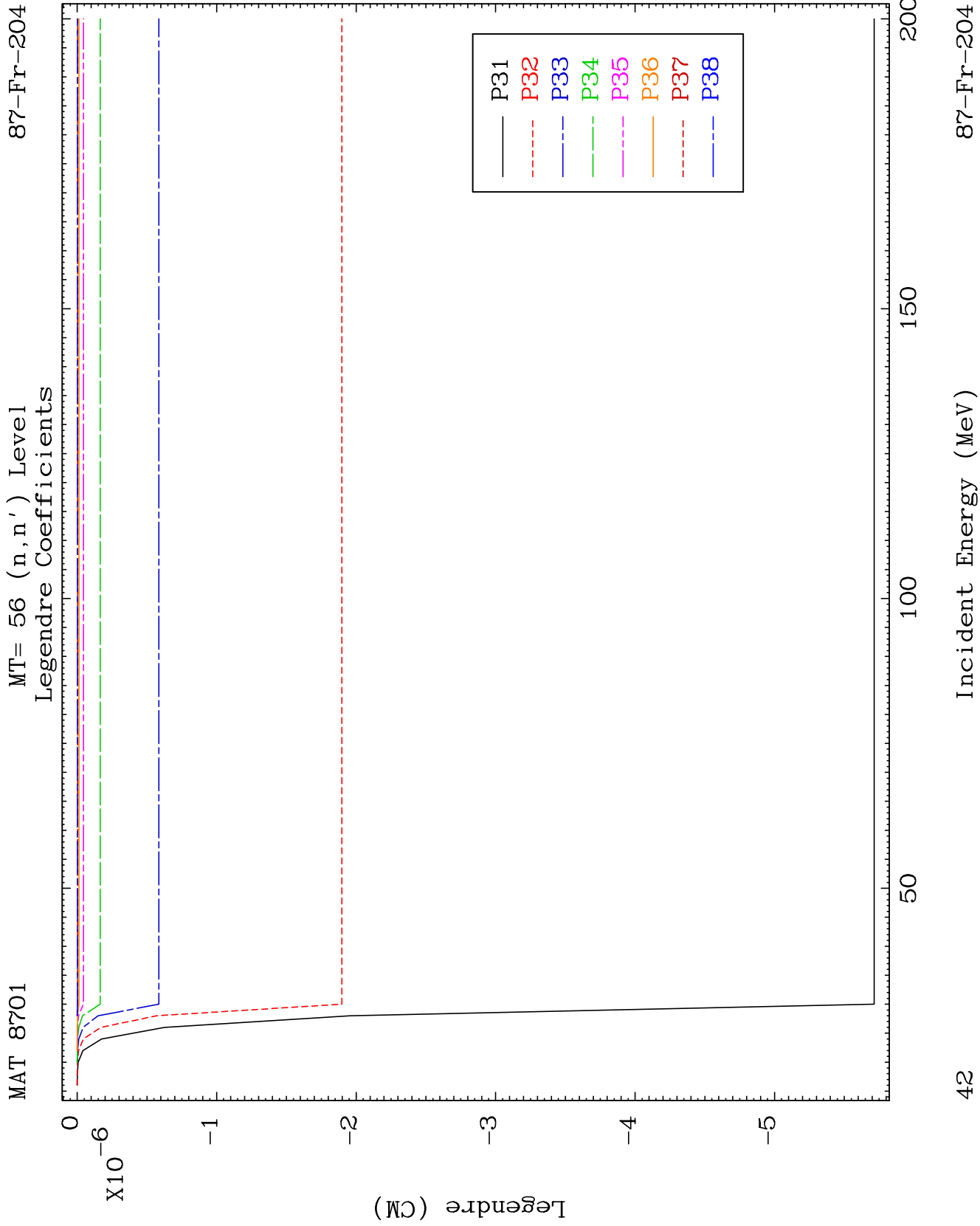
87-Fr-204

MAT 8701

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

87-Fr-204

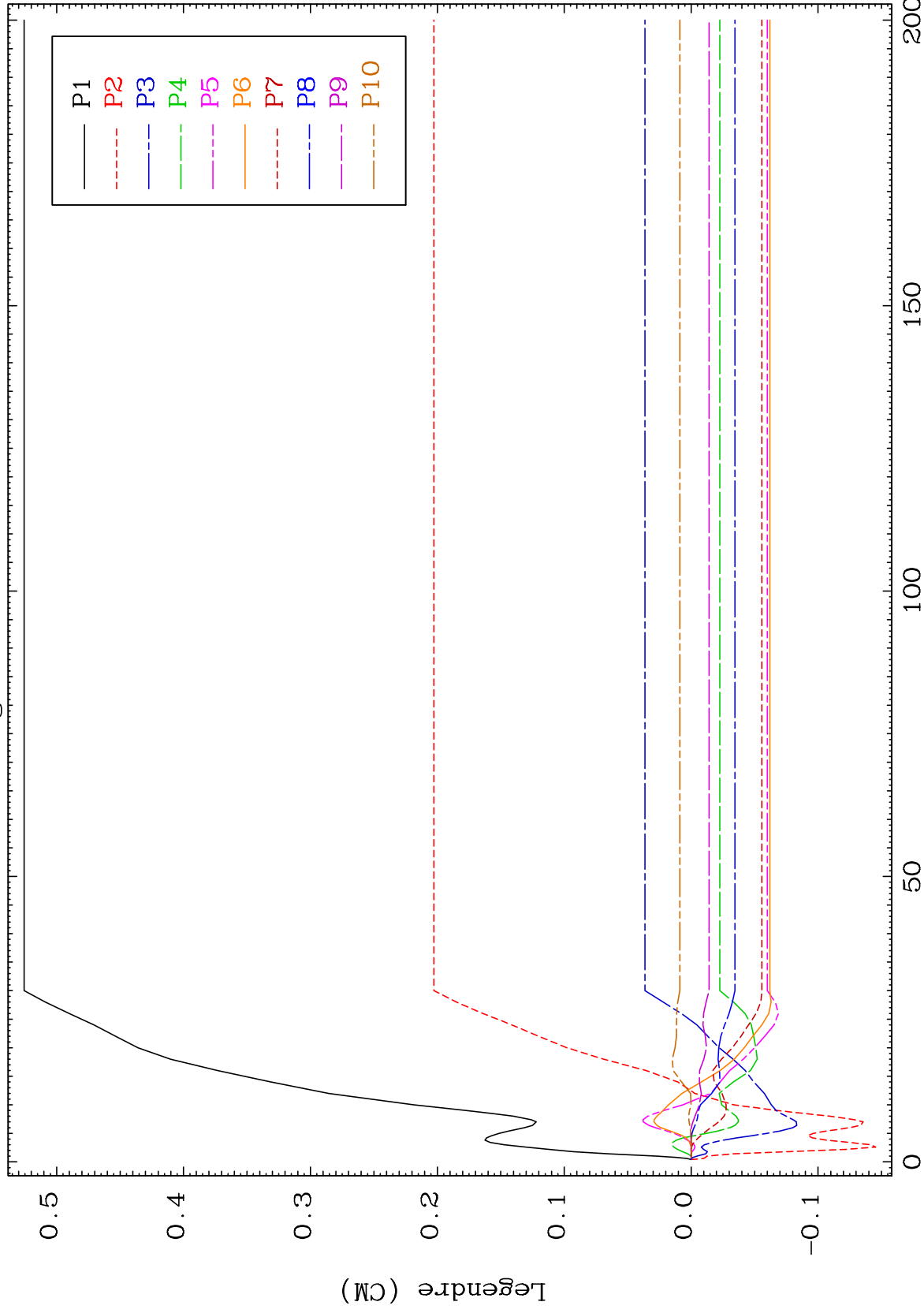




MAT 8701

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

87-Fr-204



43

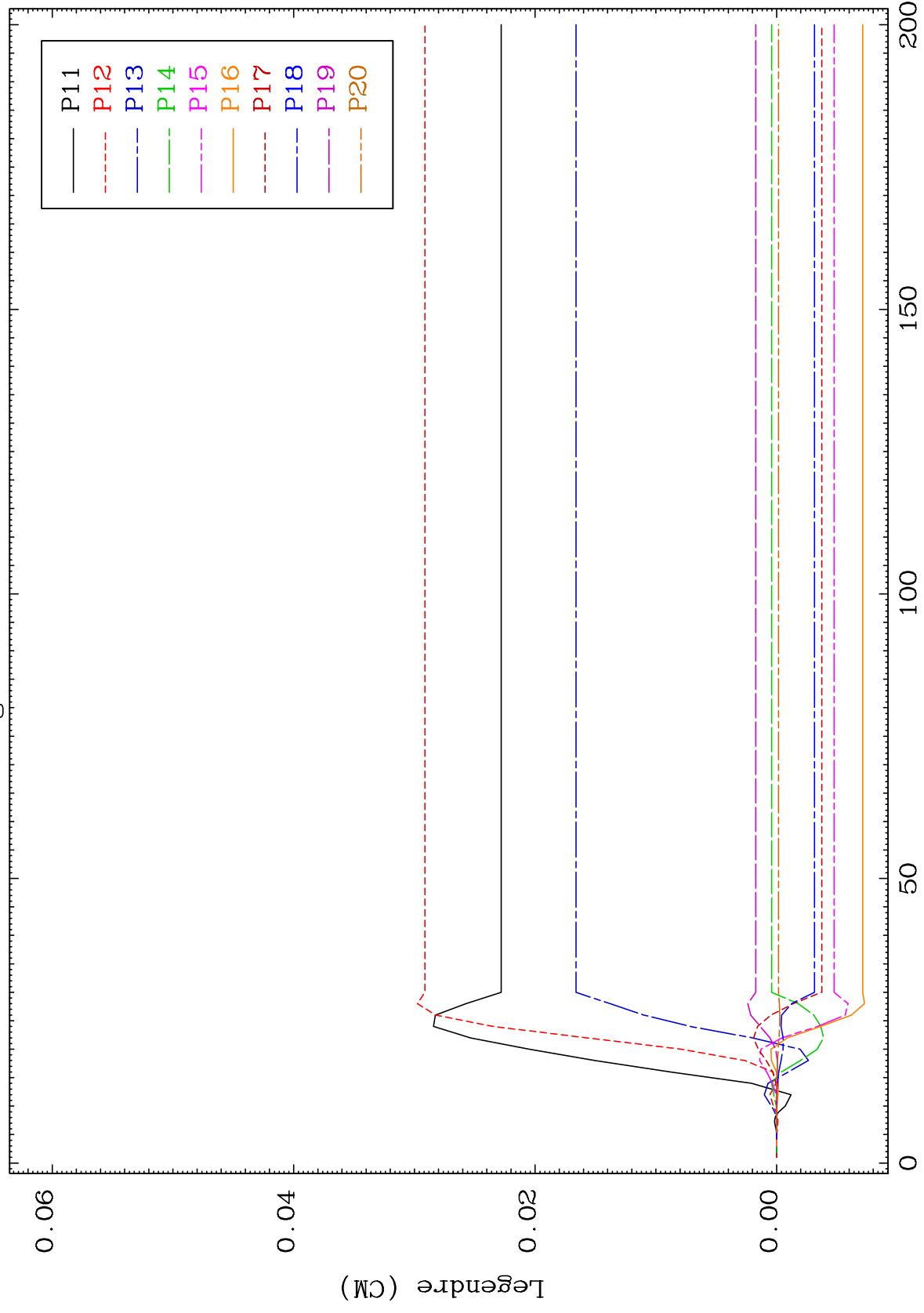
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

87-Fr-204



44

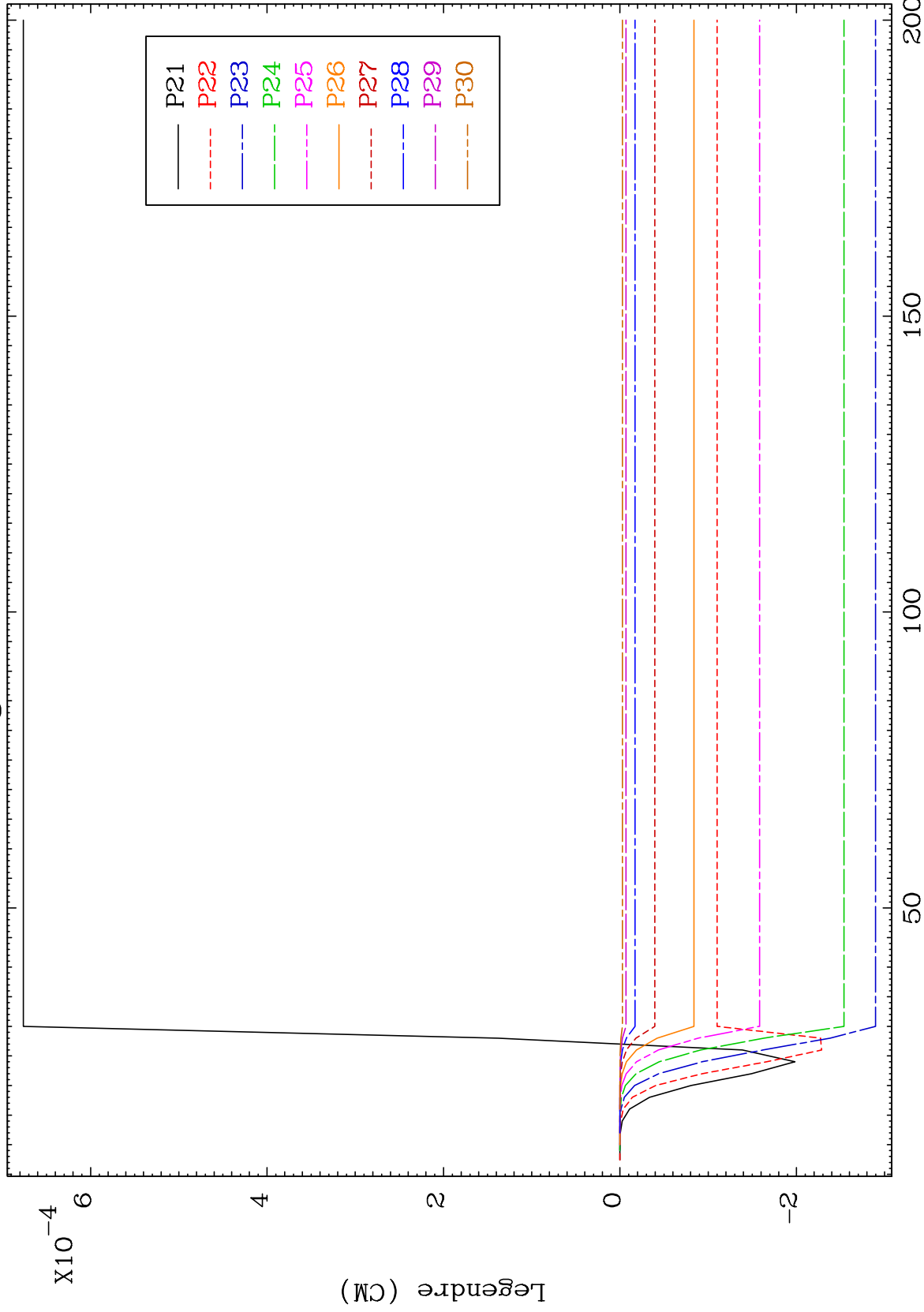
Incident Energy (MeV)

87-FR-204

MAT 8701

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

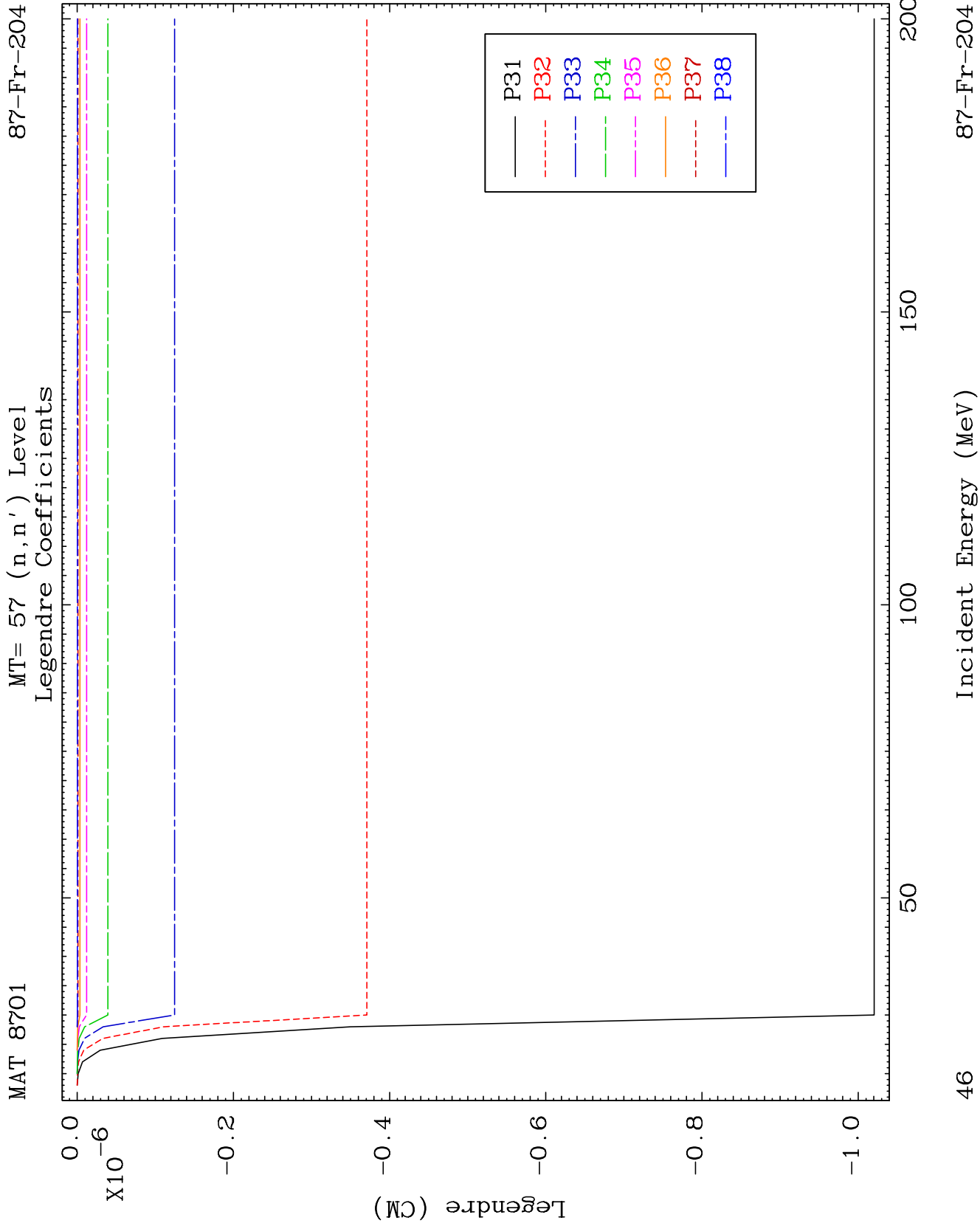
87-Fr-204



45

Incident Energy (MeV)

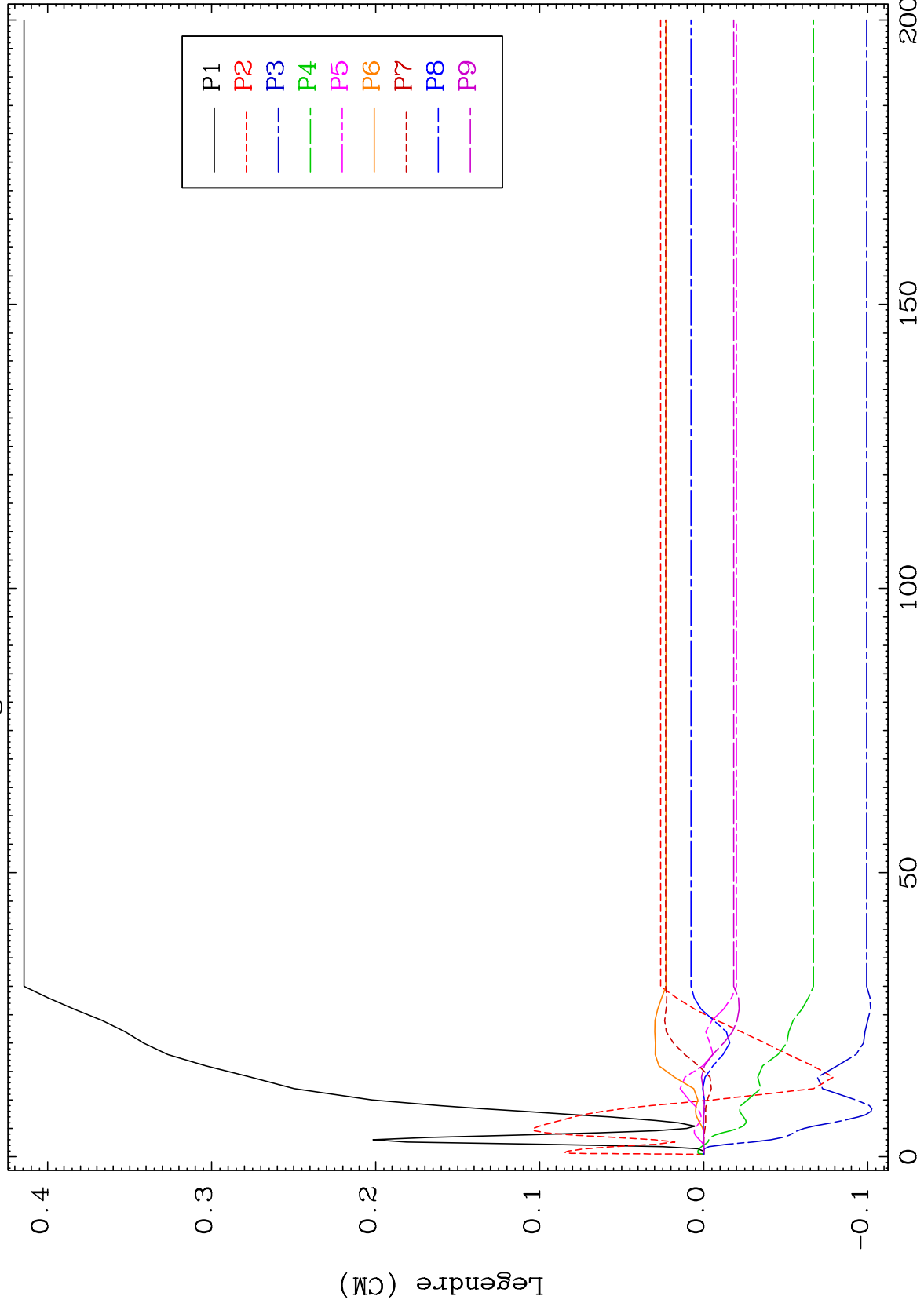
87-Fr-204



MAT 8701

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

87-Fr-204



47

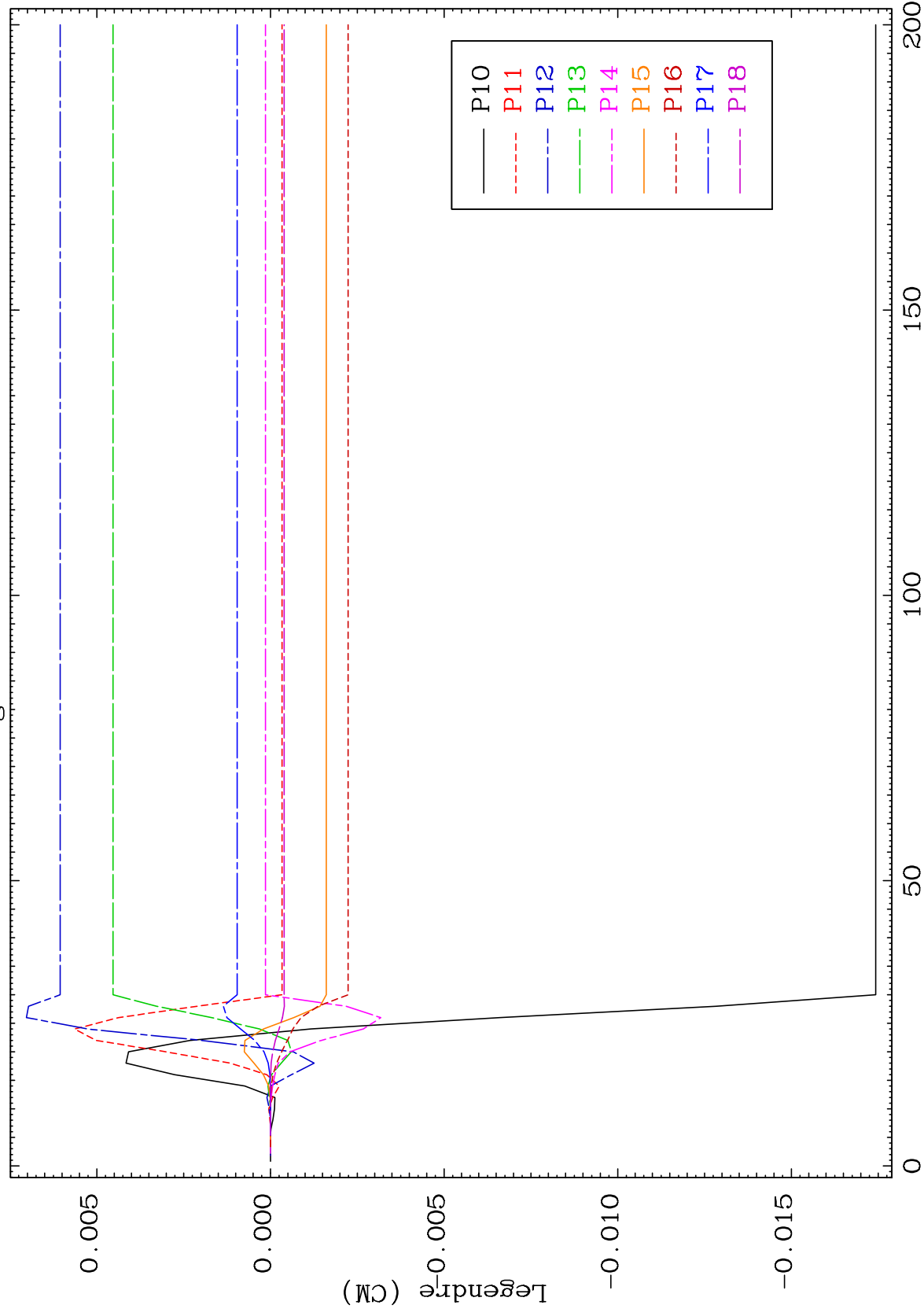
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

87-Fr-204



48

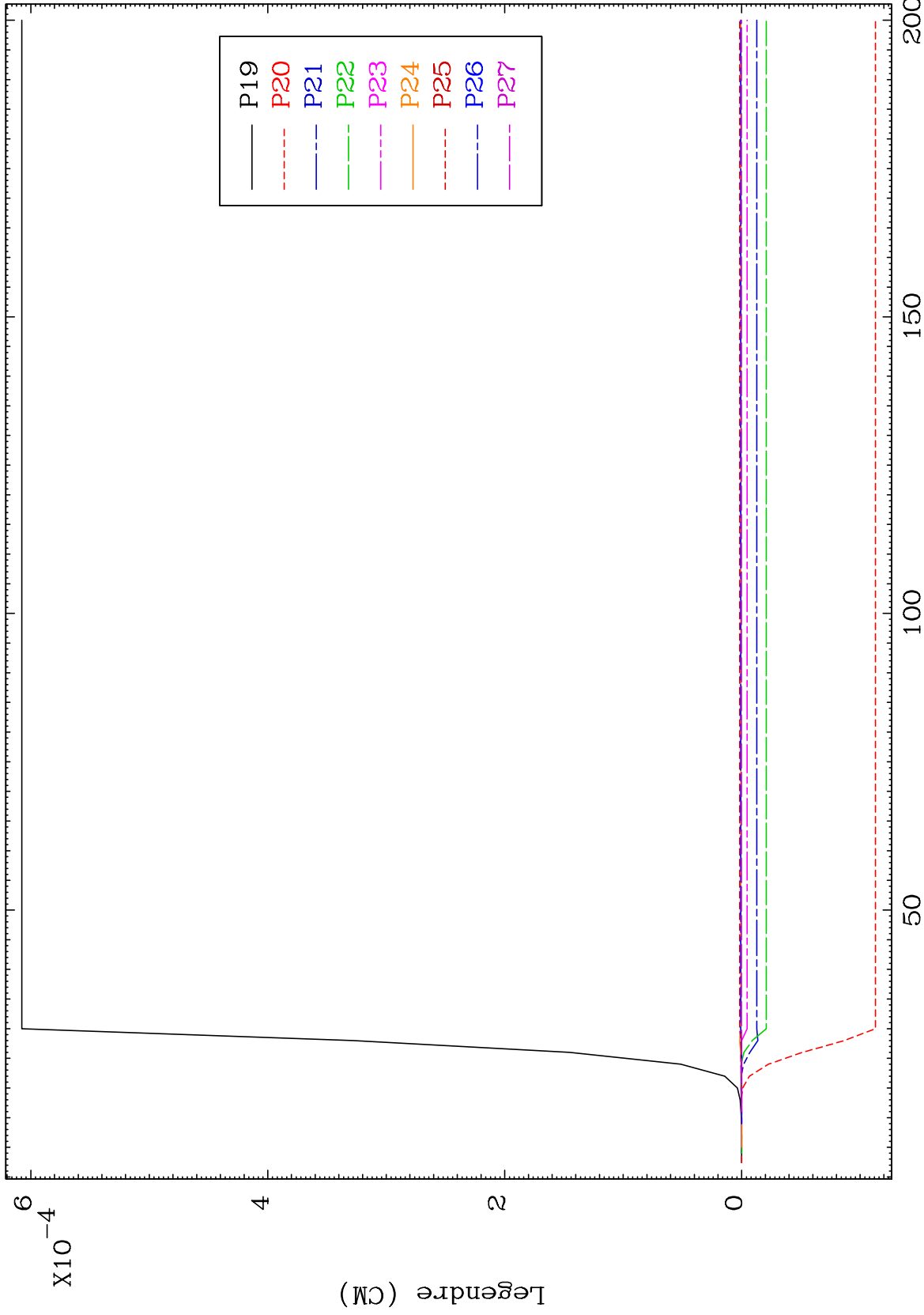
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

87-Fr-204



49

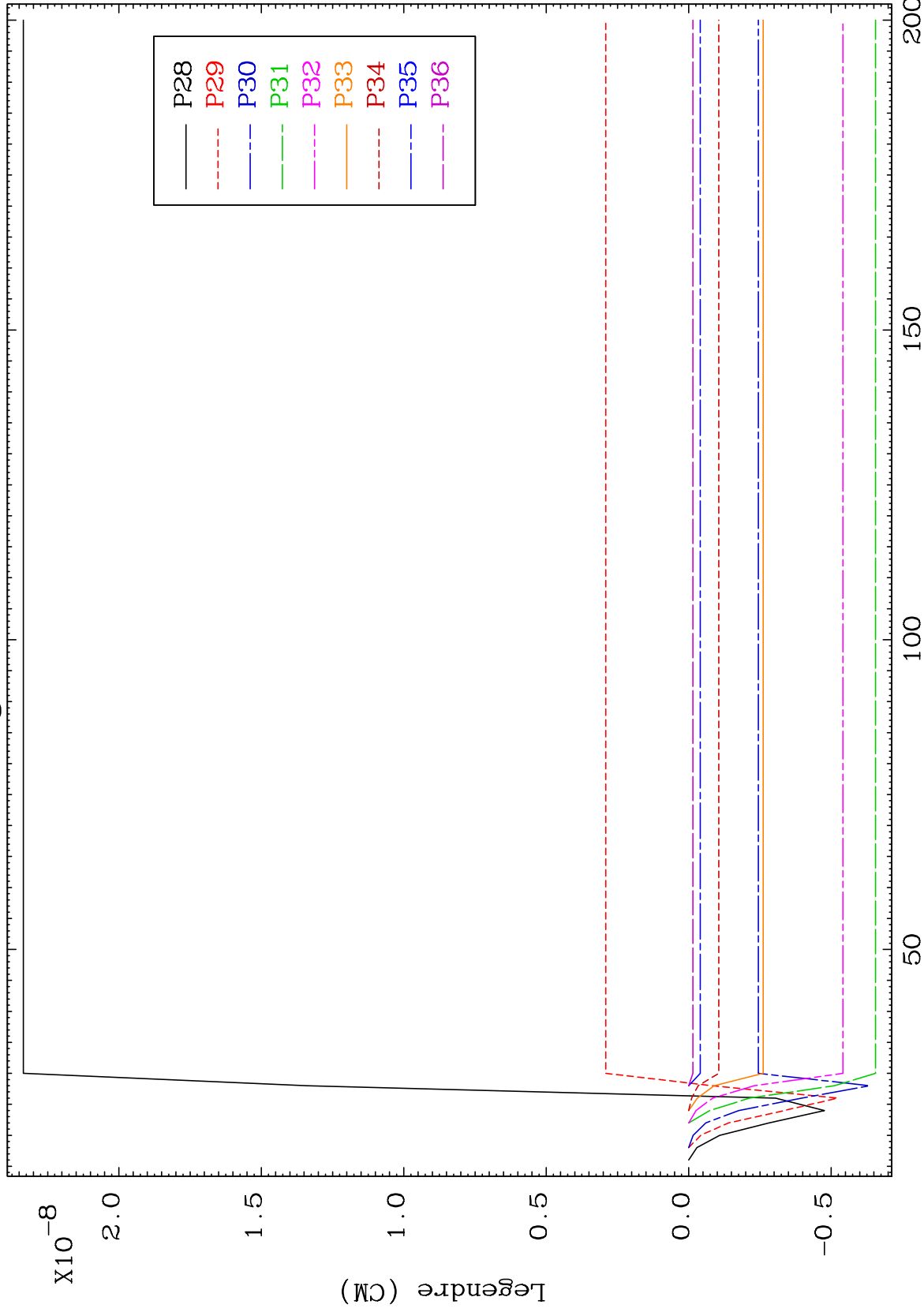
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

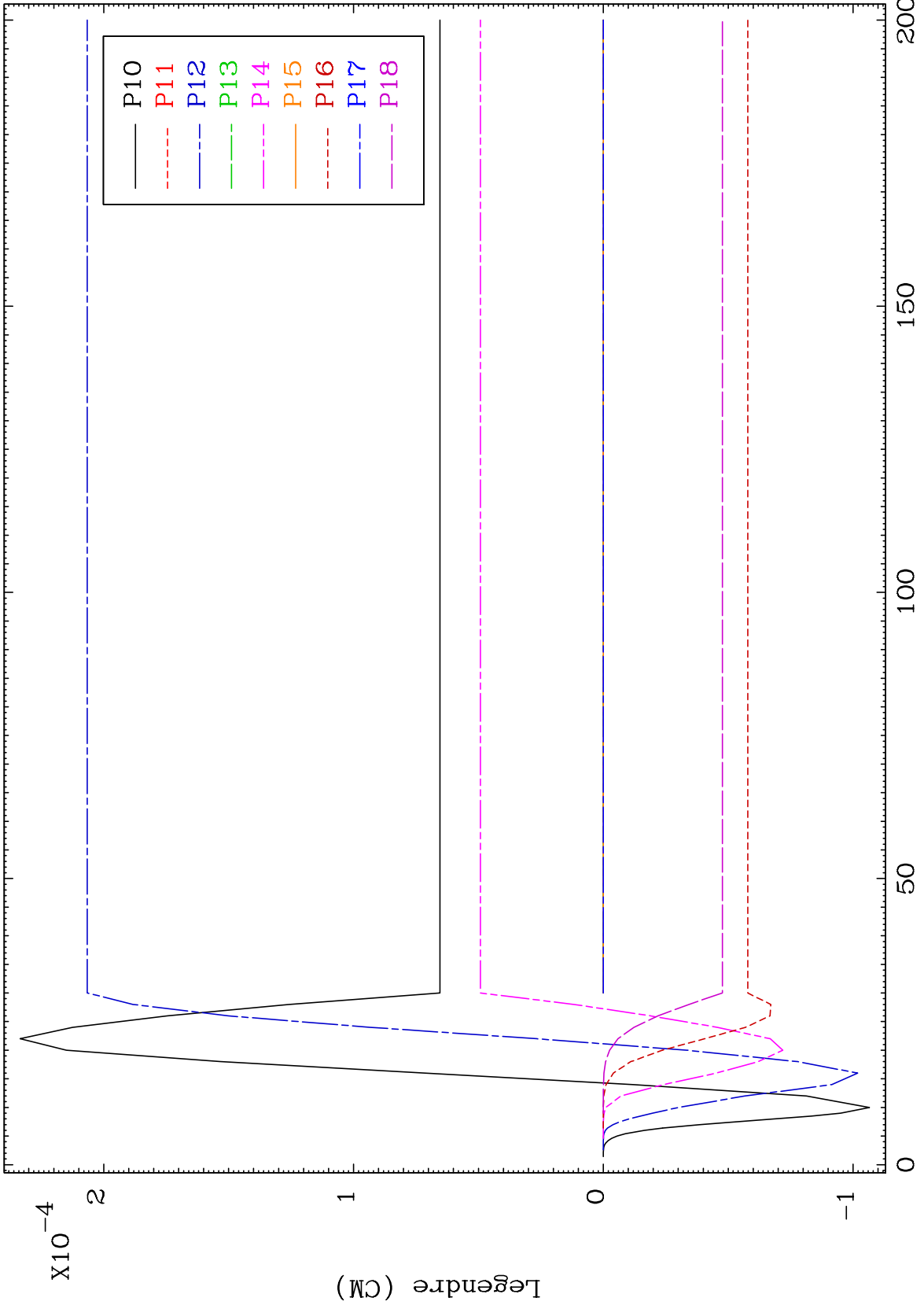
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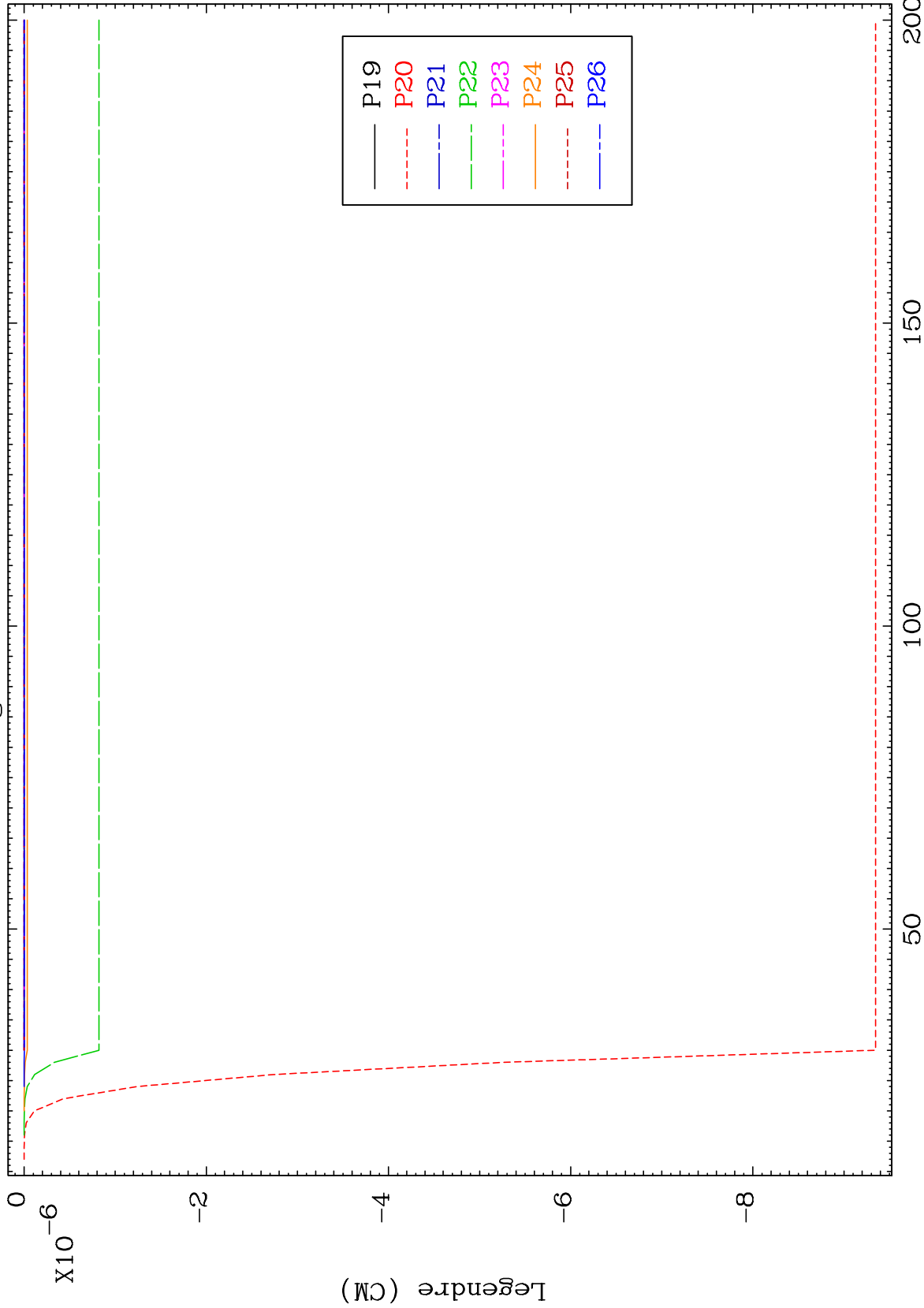
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Incident Energy (MeV)

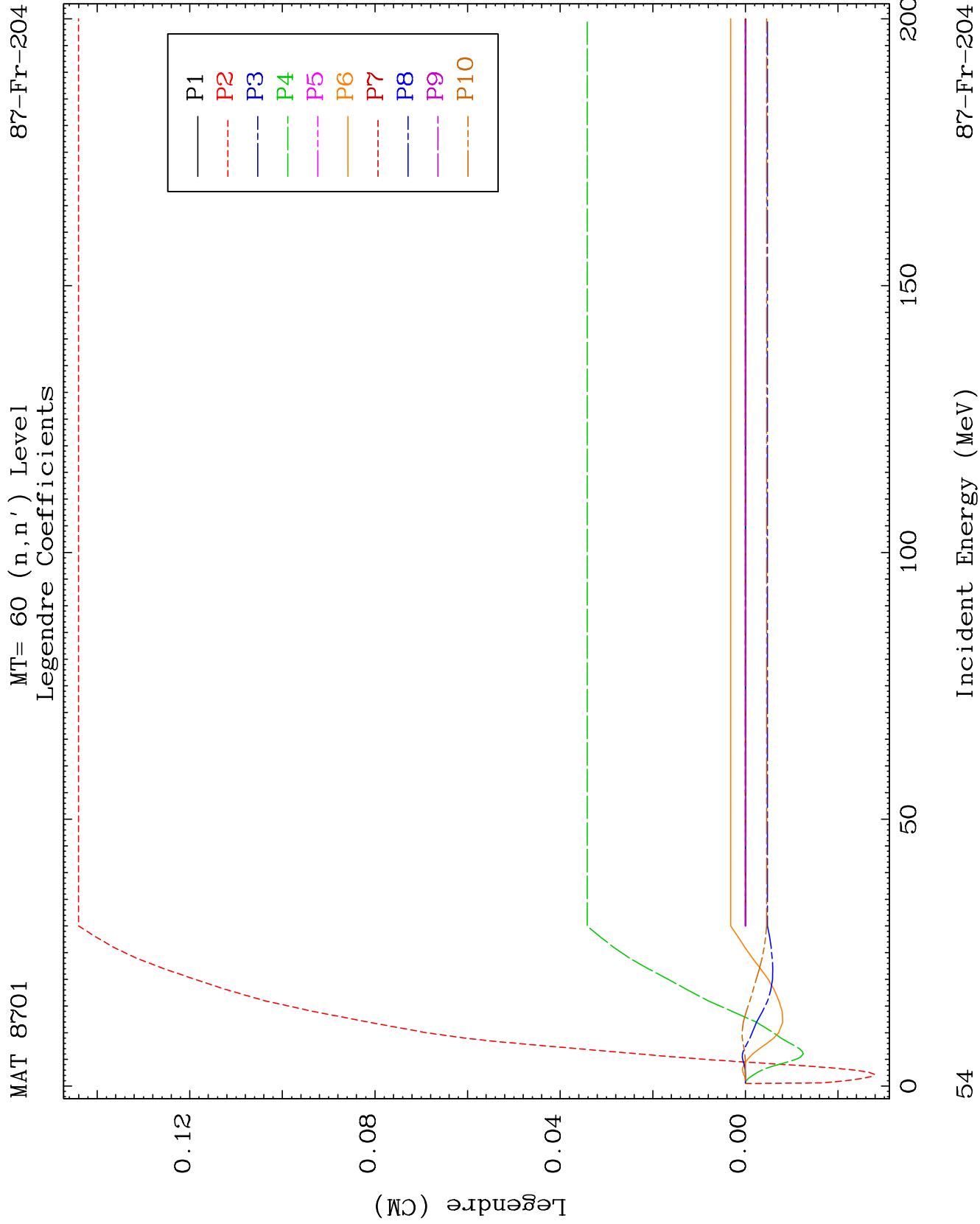
87-Fr-204



MAT 8701 MT= 59 (n,n') Level 87-Fr-204
Legendre Coefficients



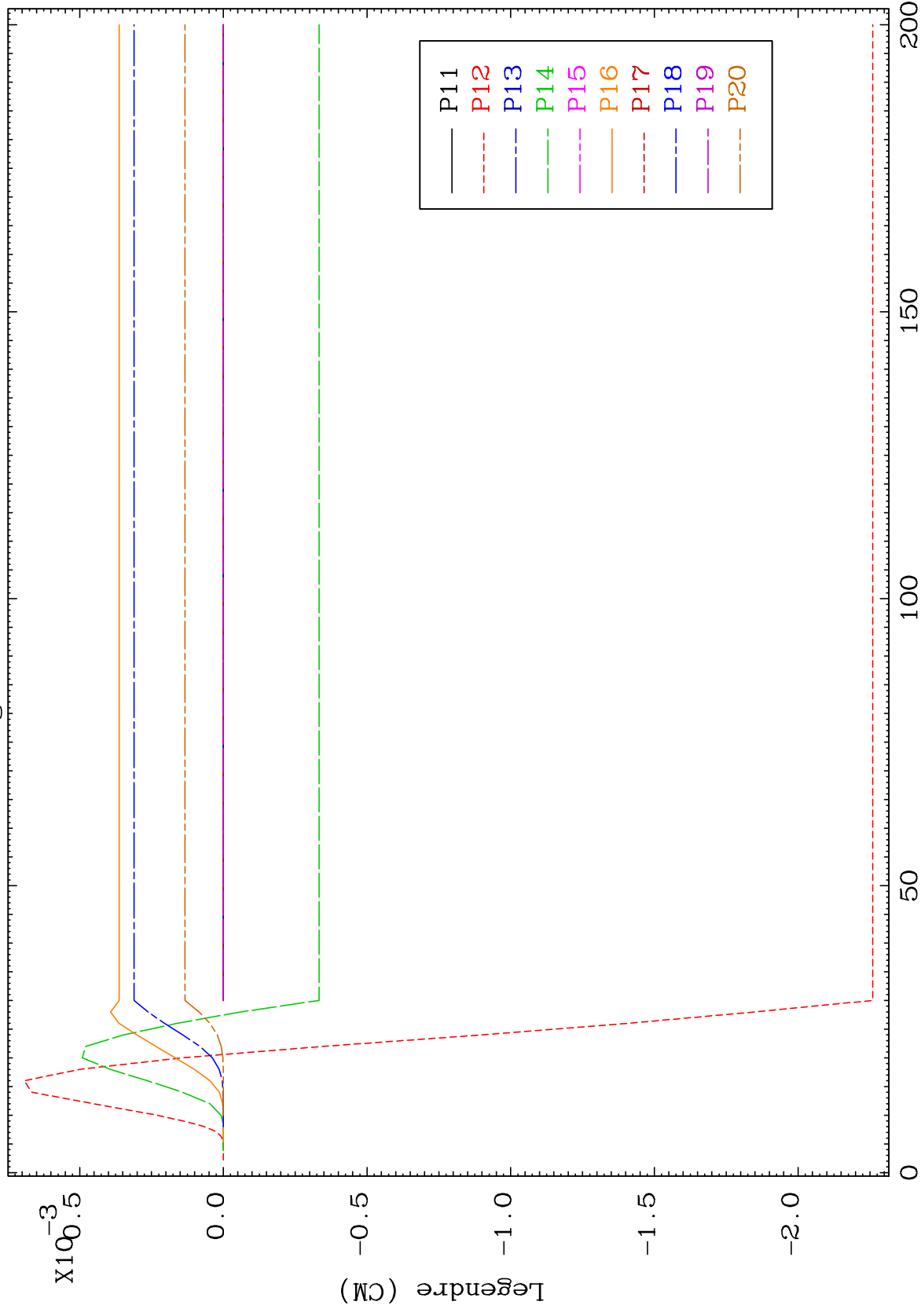
53 Incident Energy (MeV) 200 87-Fr-204



MAT 8701

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

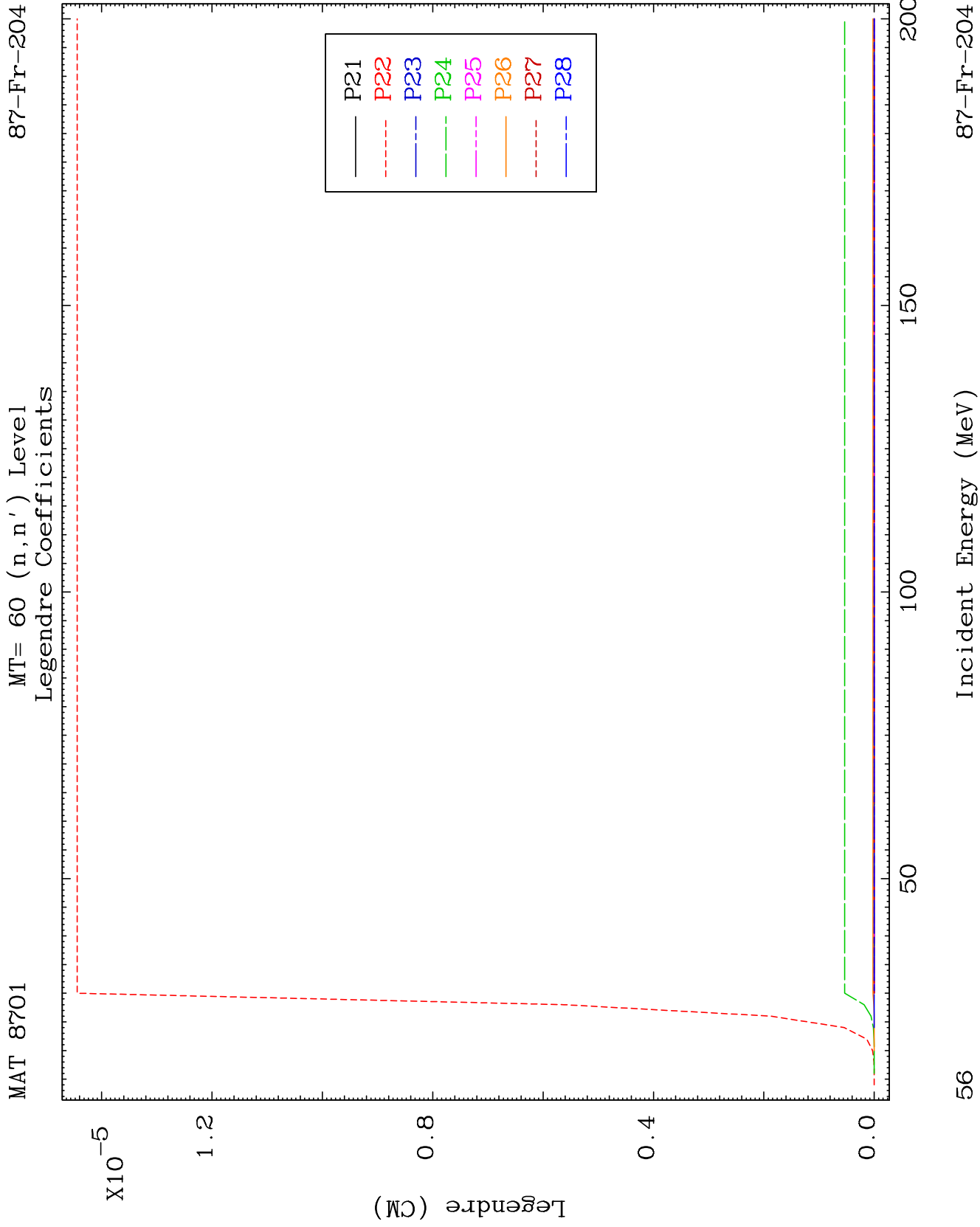
87-Fr-204



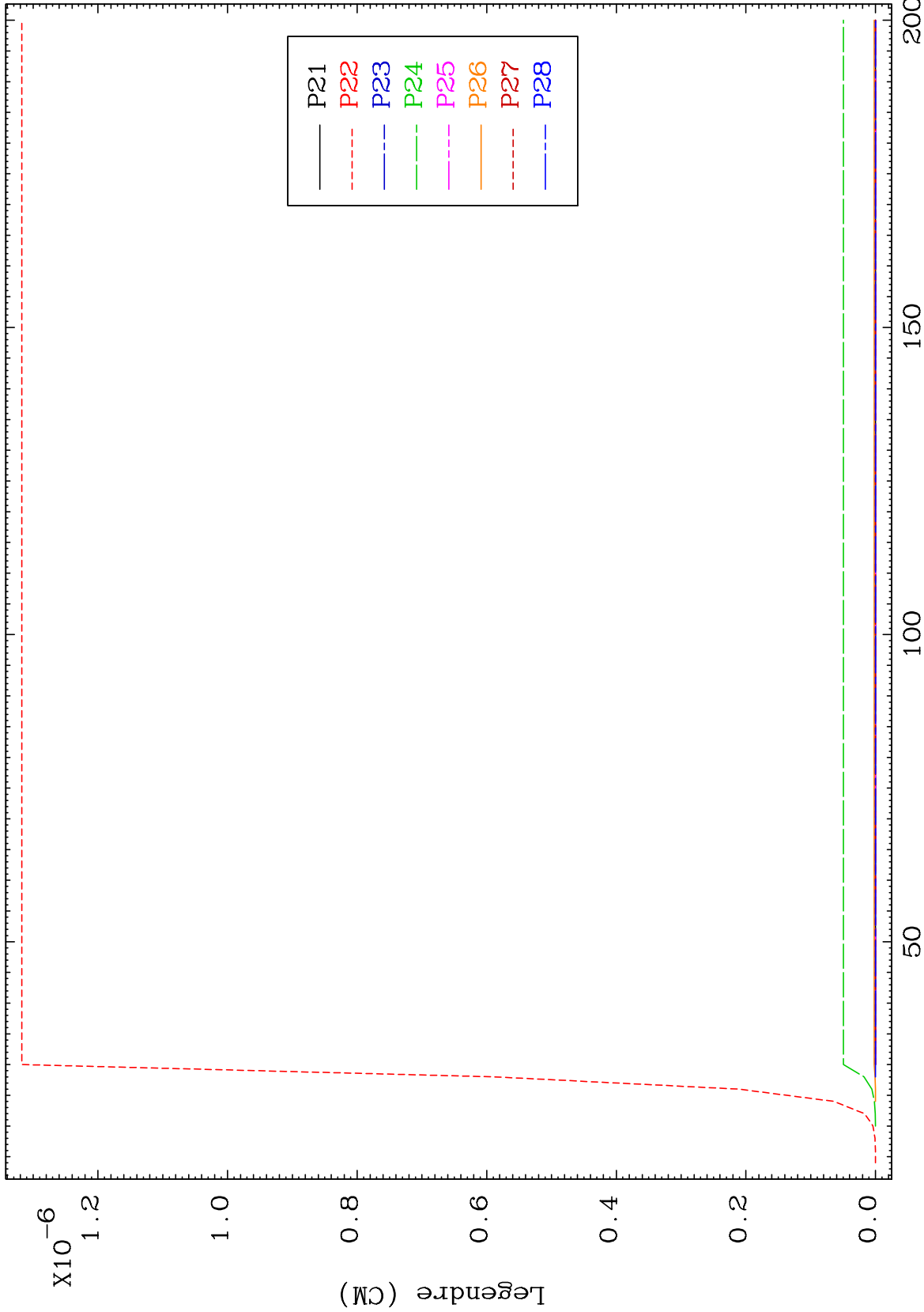
55

Incident Energy (MeV)

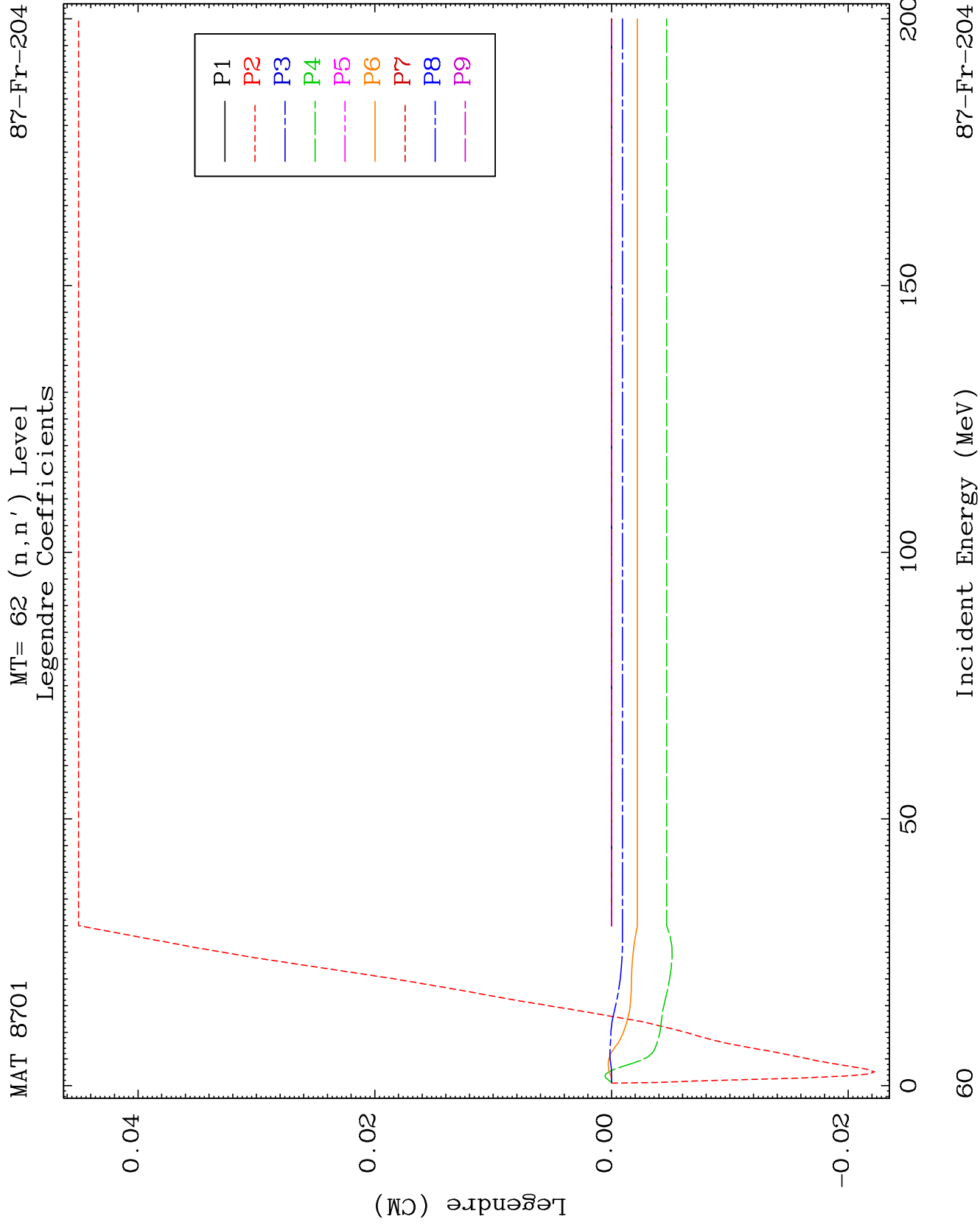
87-Fr-204



MAT 8701 MT= 61 (n,n') Level Legendre Coefficients 87-Fr-204



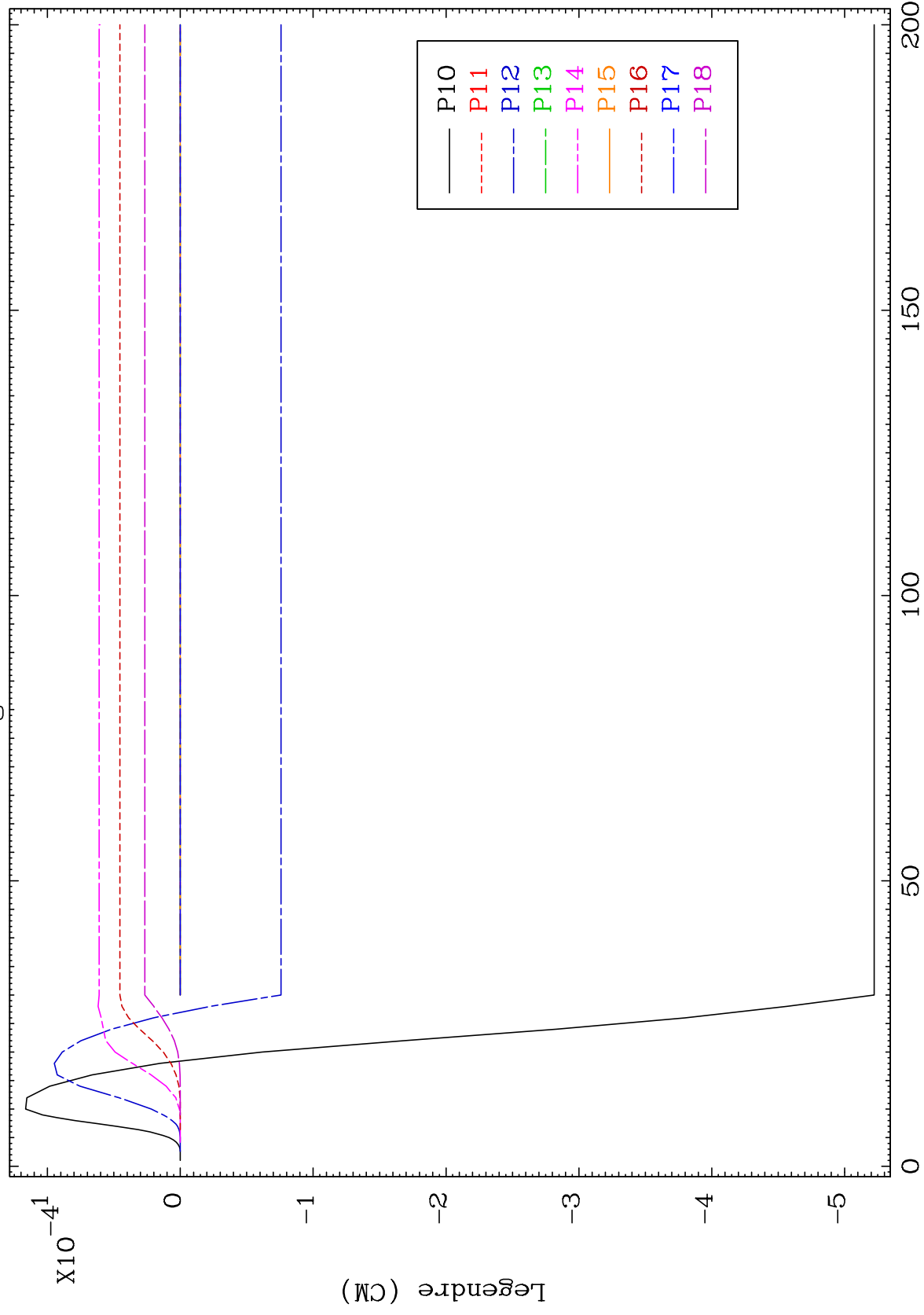
59 87-Fr-204



MAT 8701

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

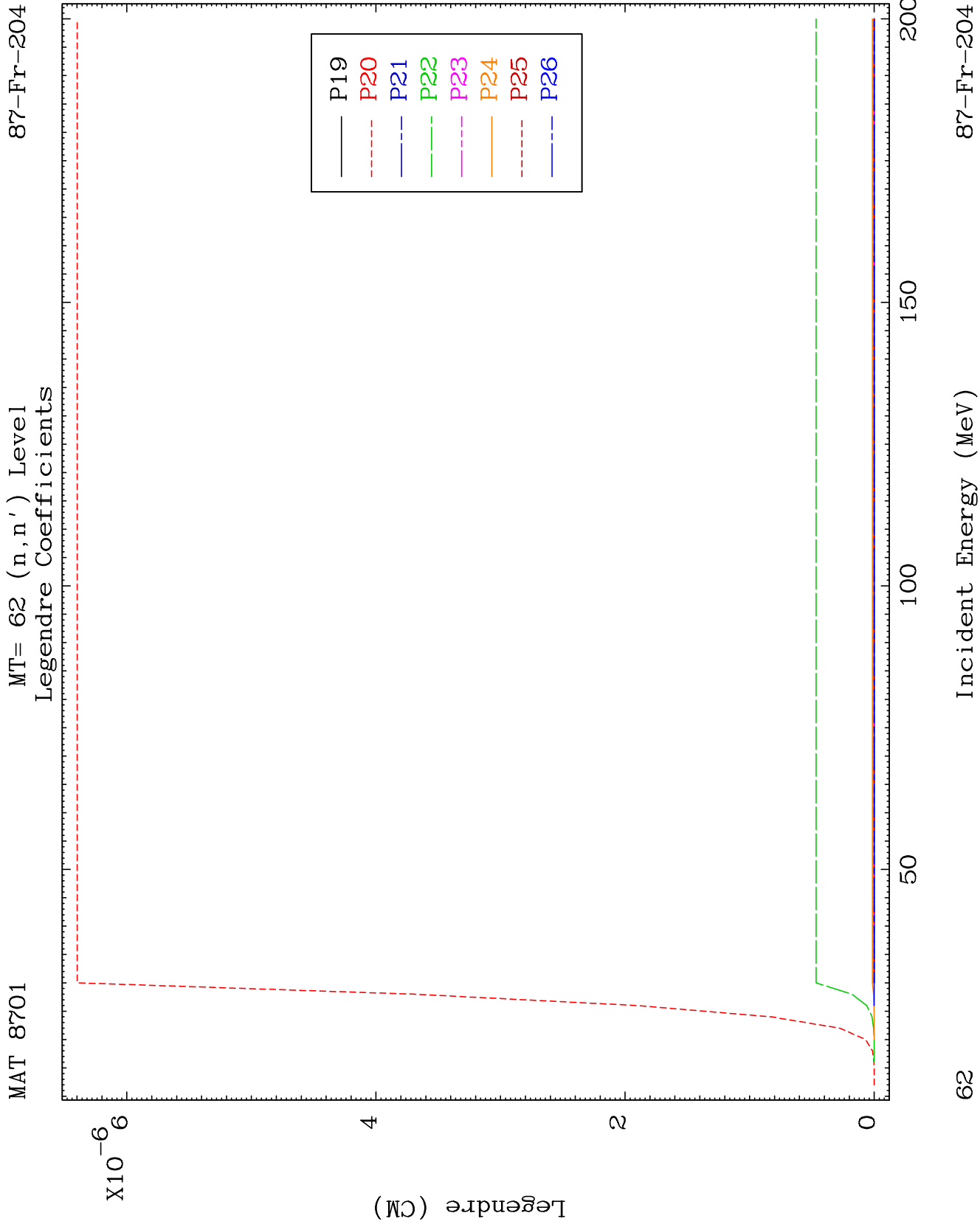
87-Fr-204



61

Incident Energy (MeV)

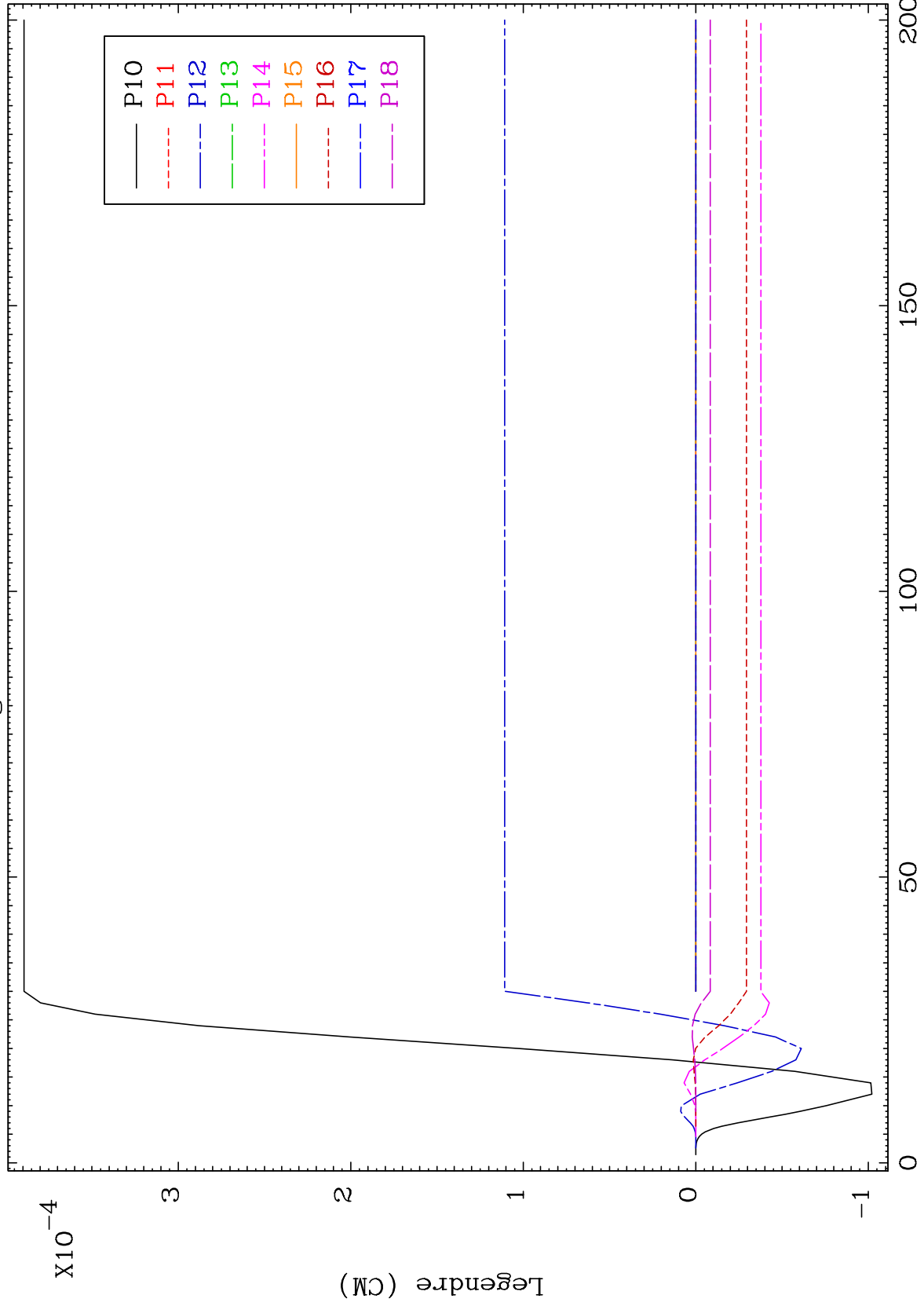
87-Fr-204



MAT 8701

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

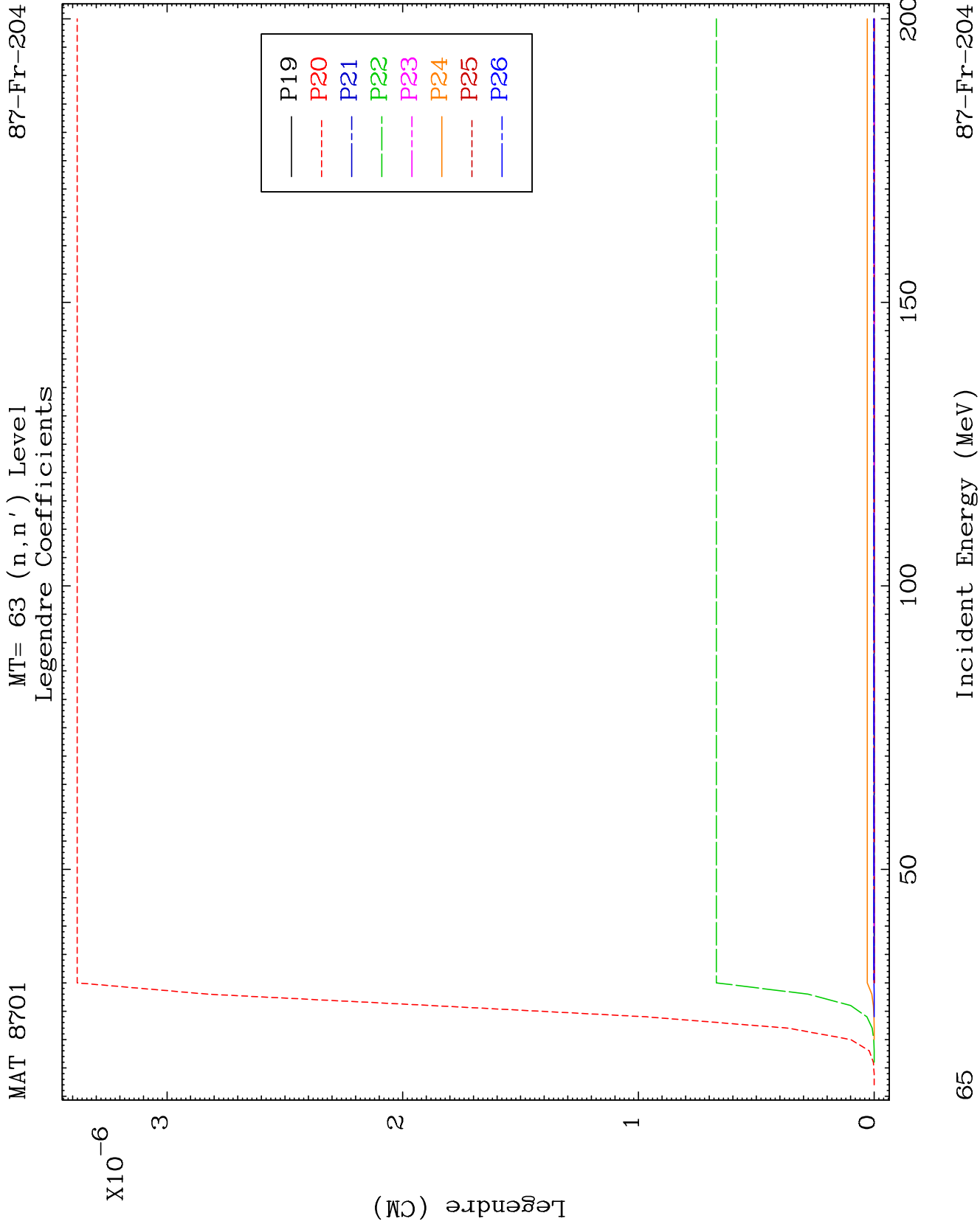
87-Fr-204



64

Incident Energy (MeV)

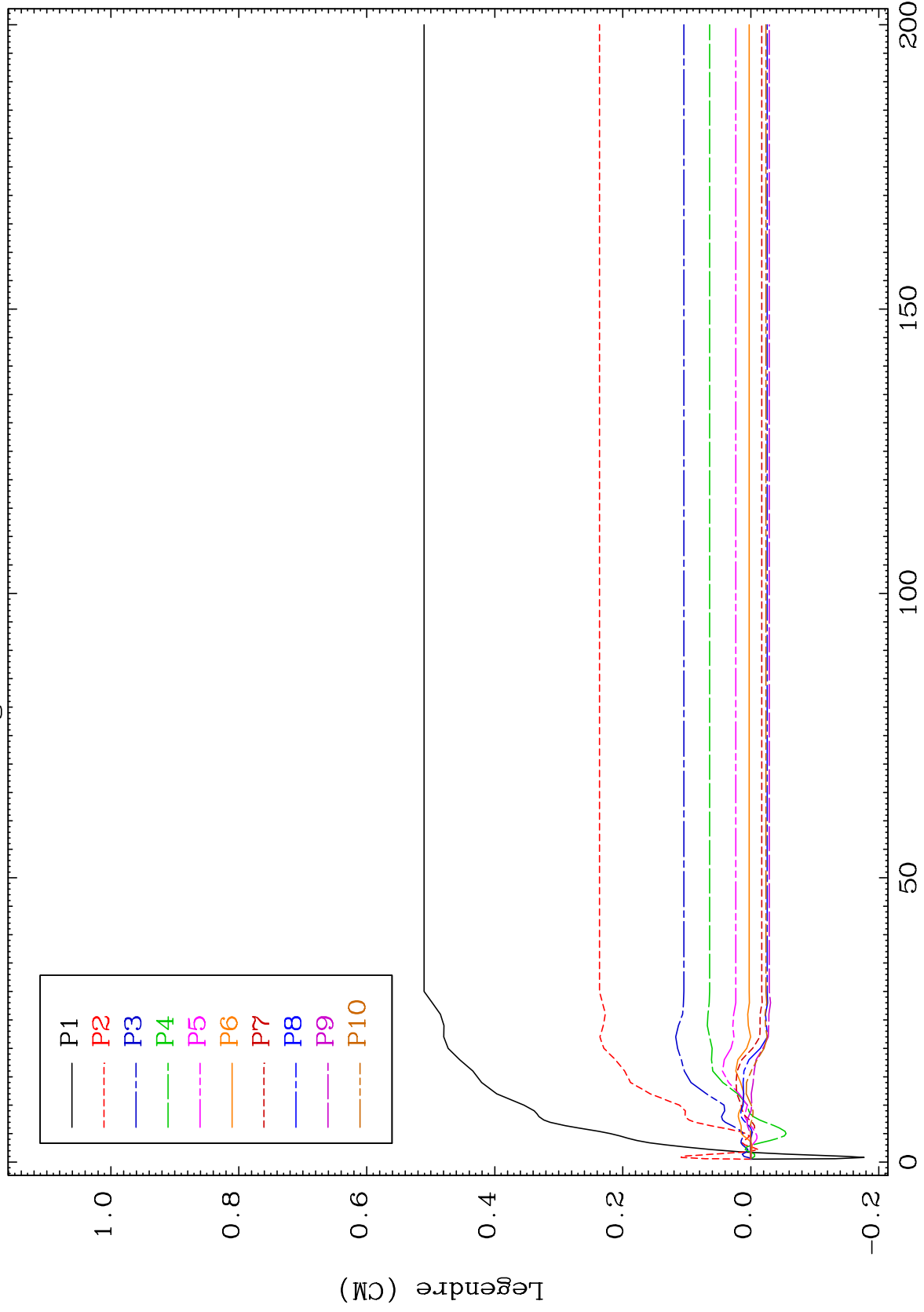
87-Fr-204



MAT 8701

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

87-Fr-204



66

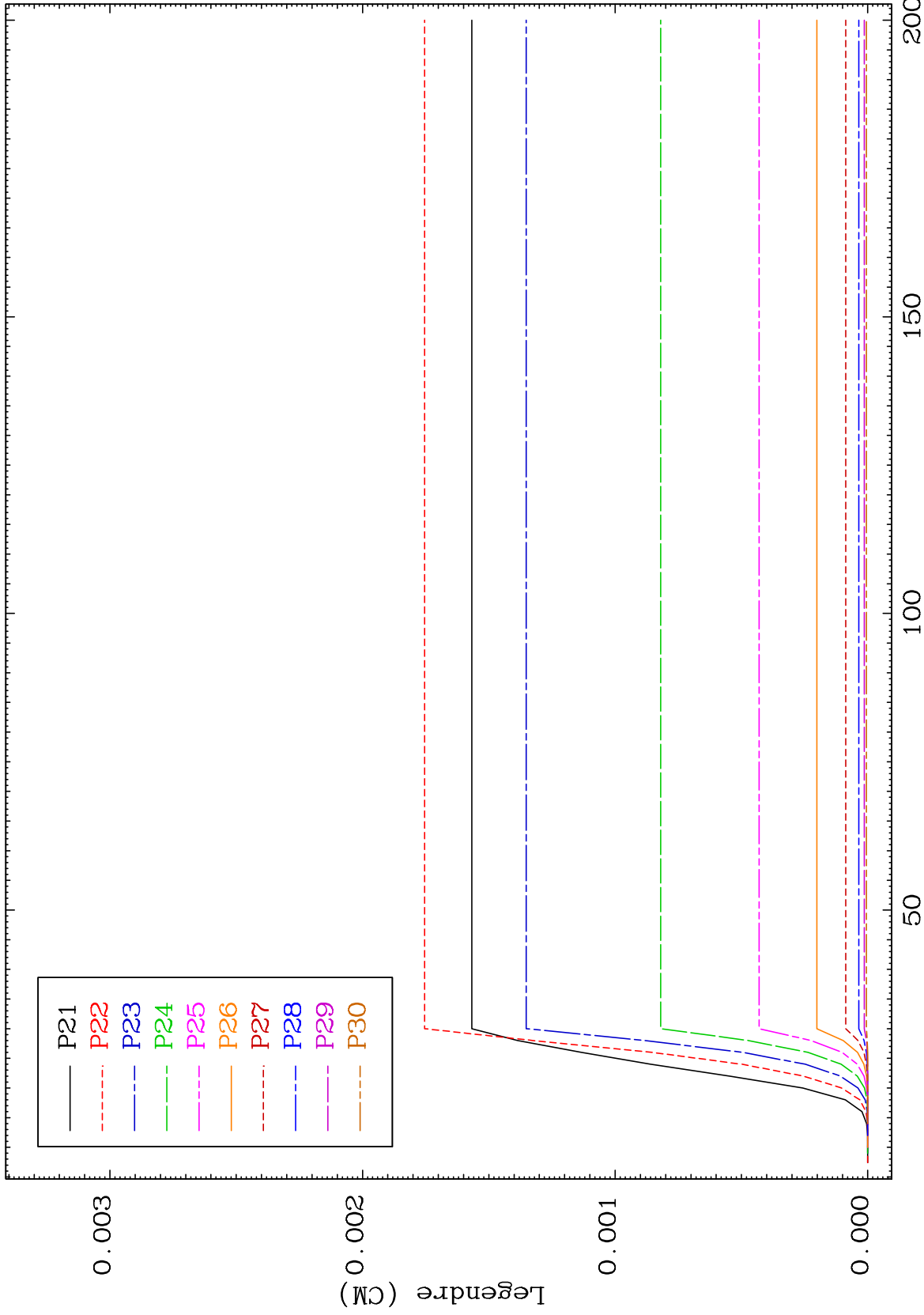
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

87-Fr-204



68

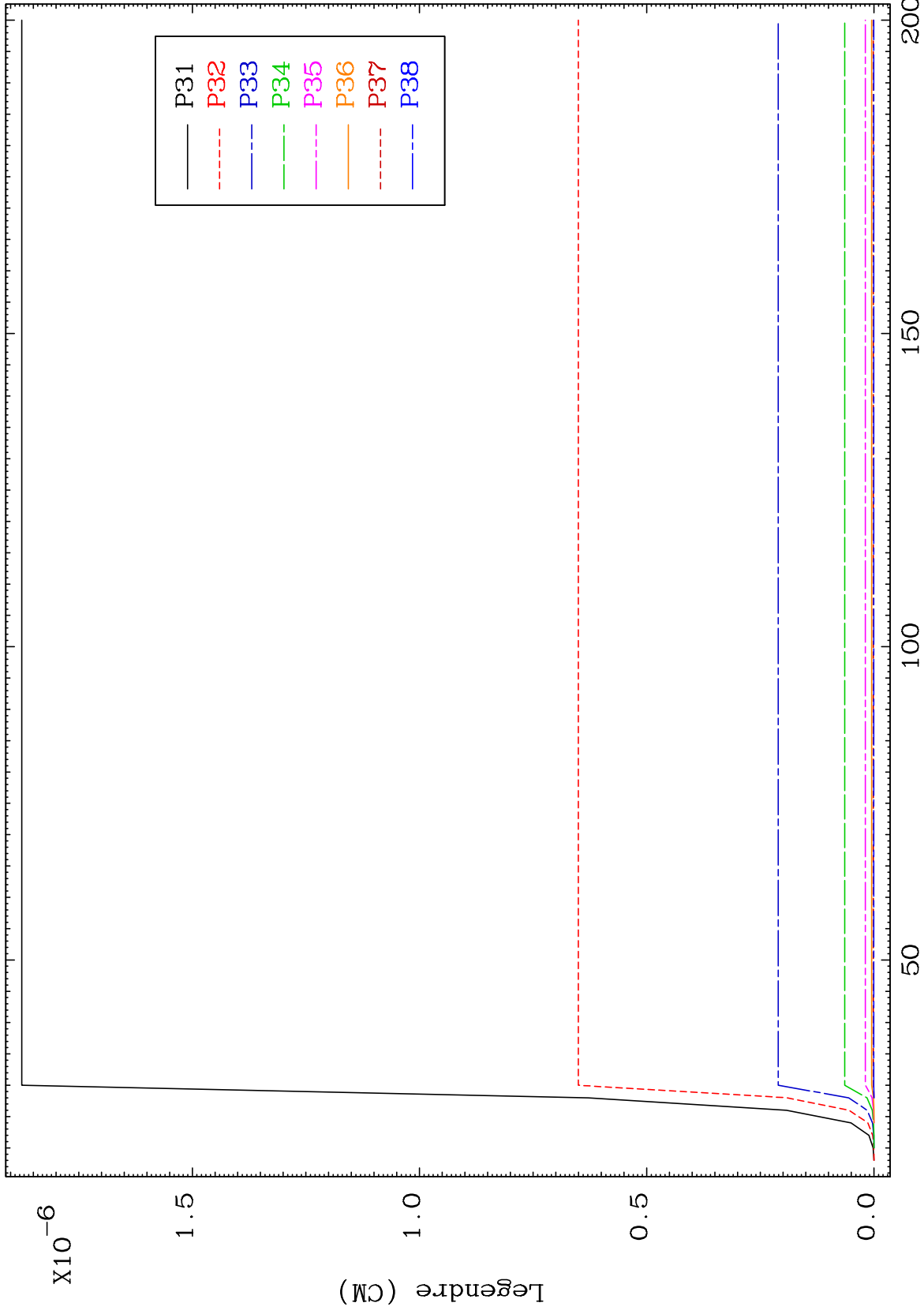
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

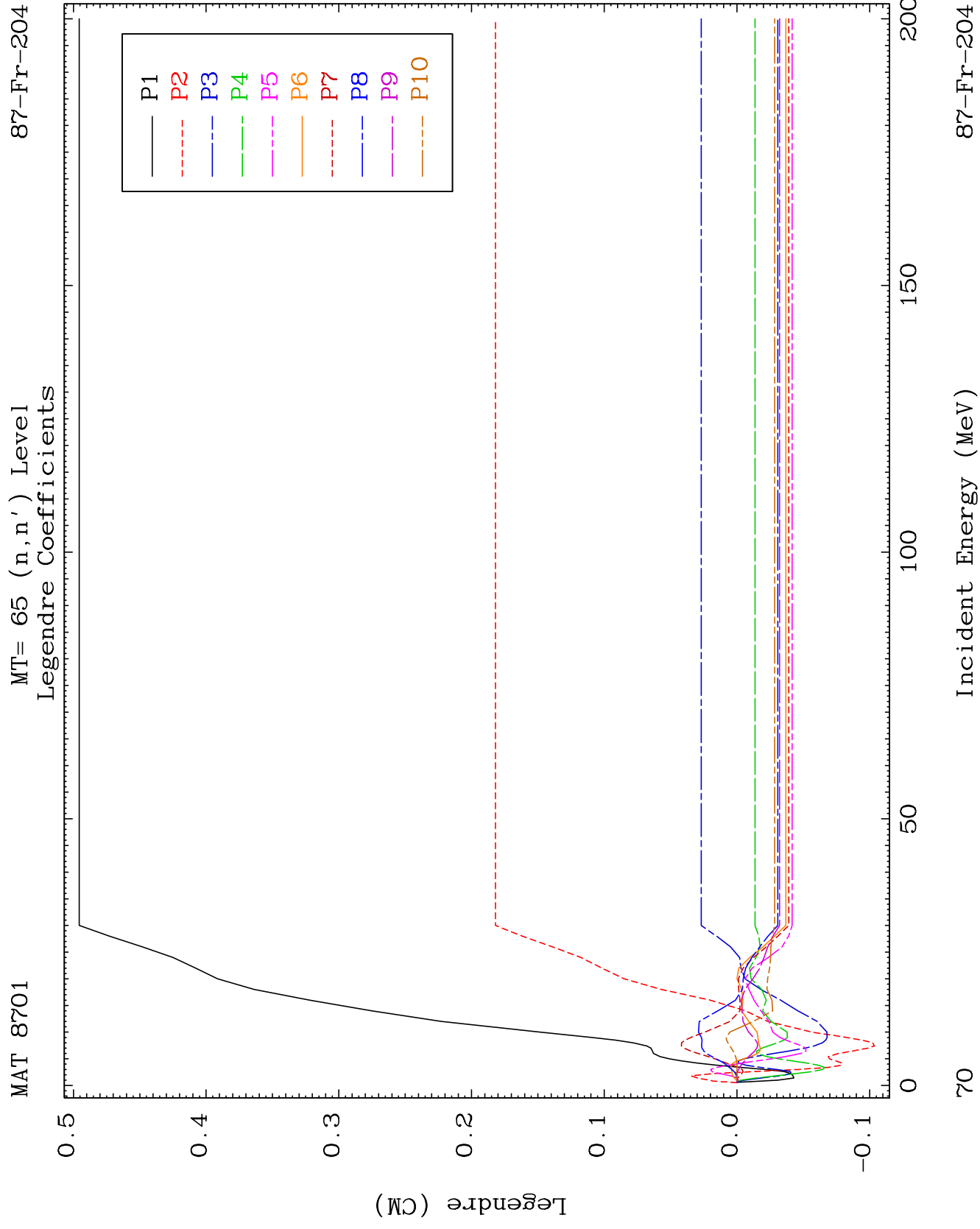
87-Fr-204

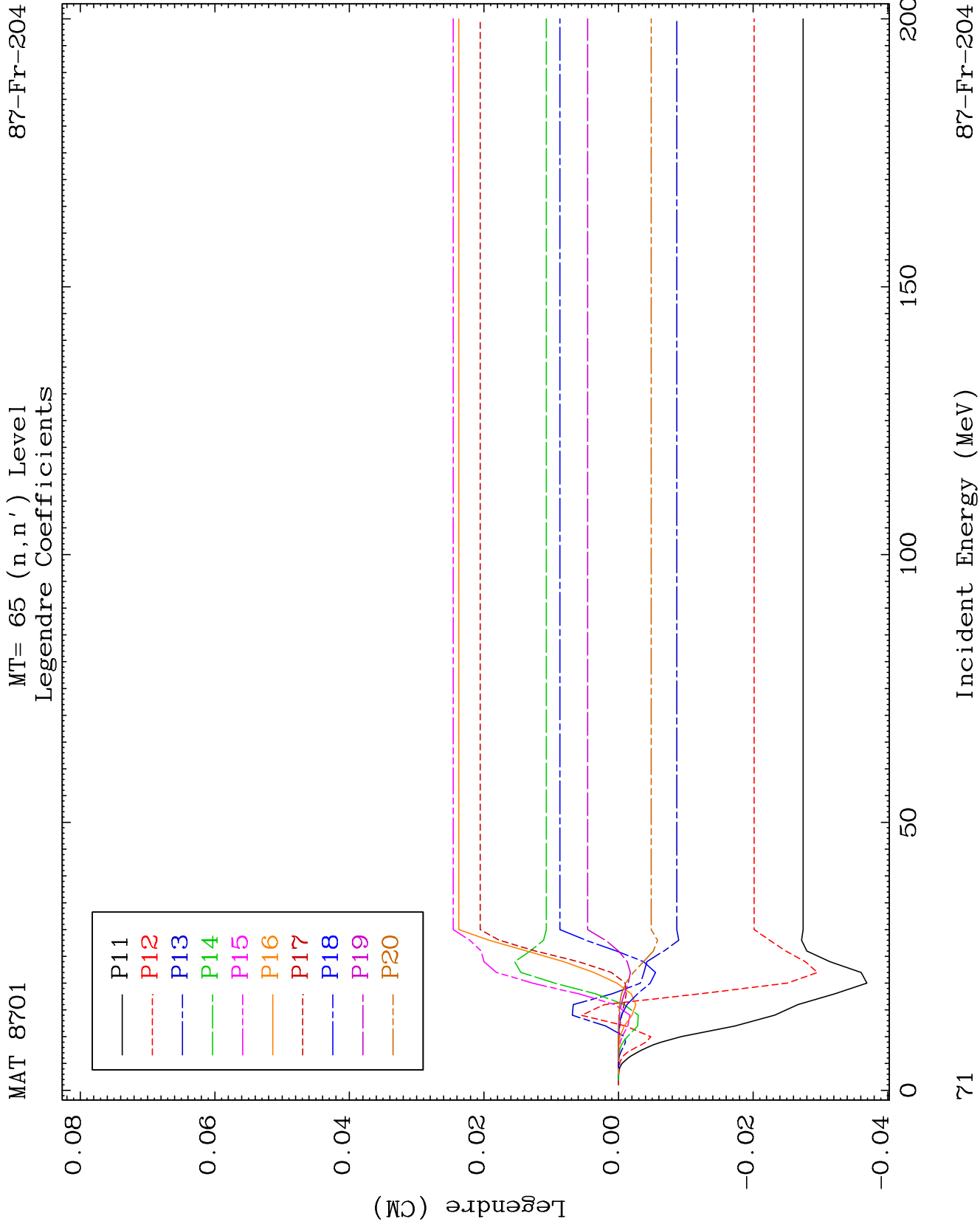


69

Incident Energy (MeV)

87-Fr-204

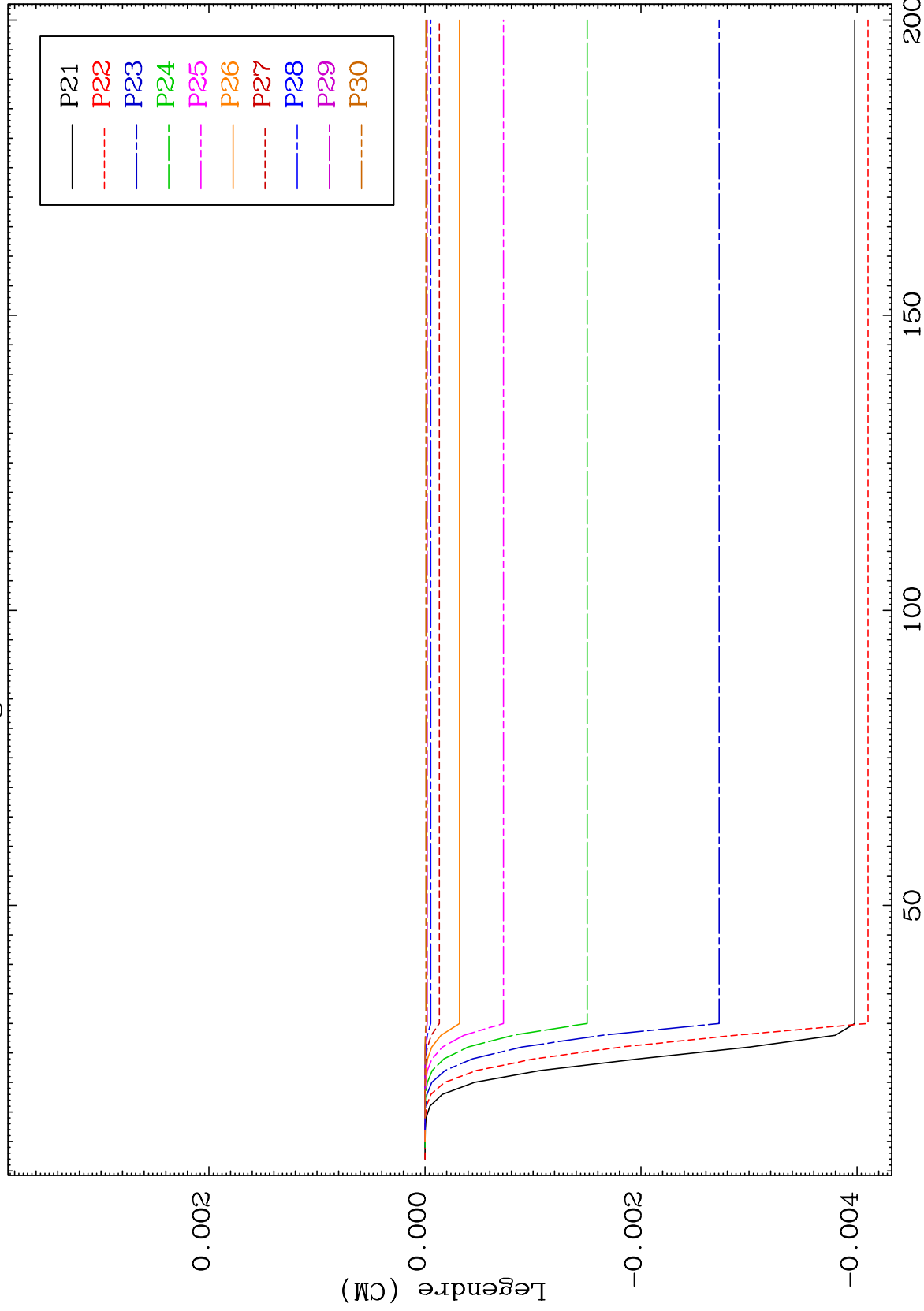




MAT 8701

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

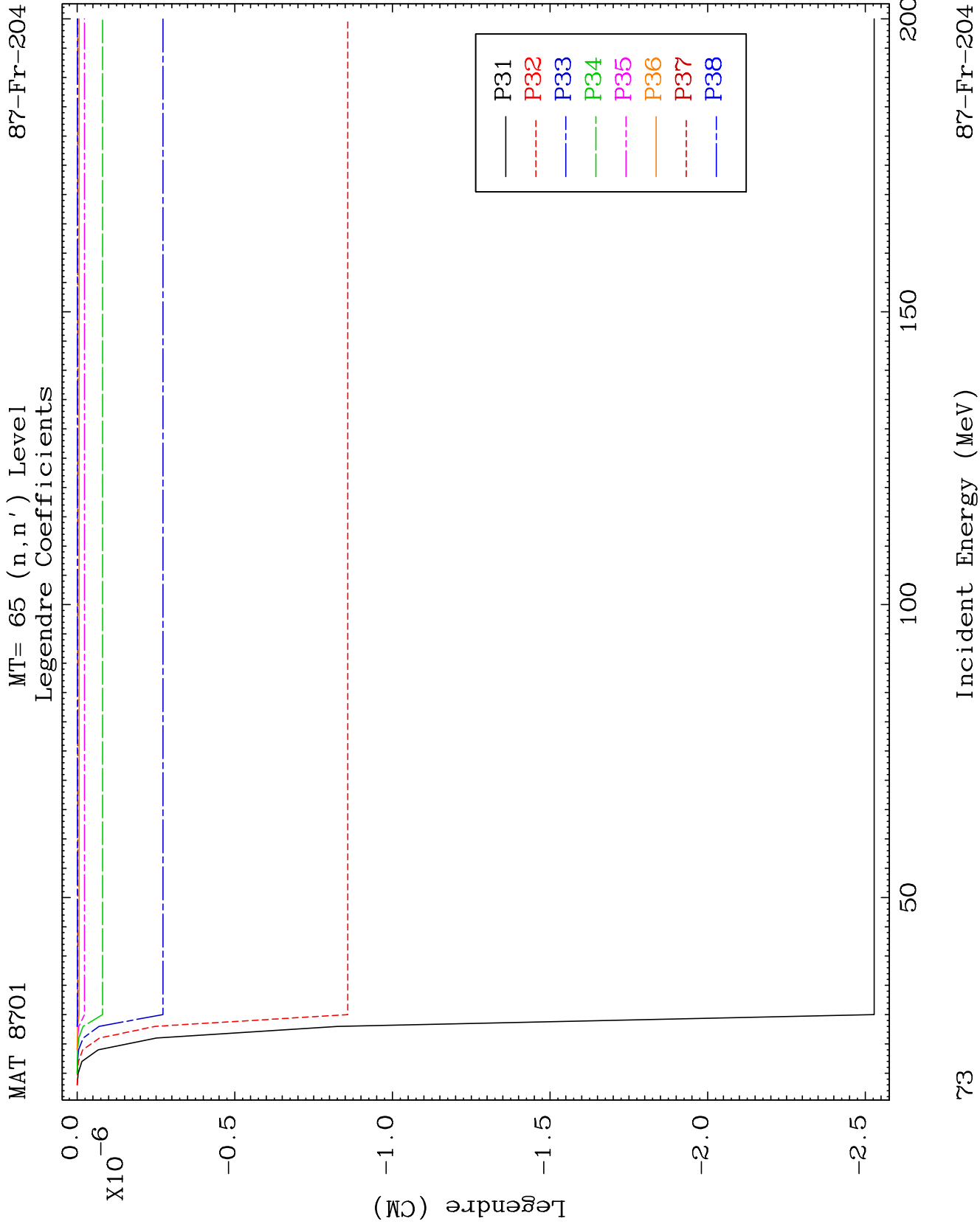
87-Fr-204



72

Incident Energy (MeV)

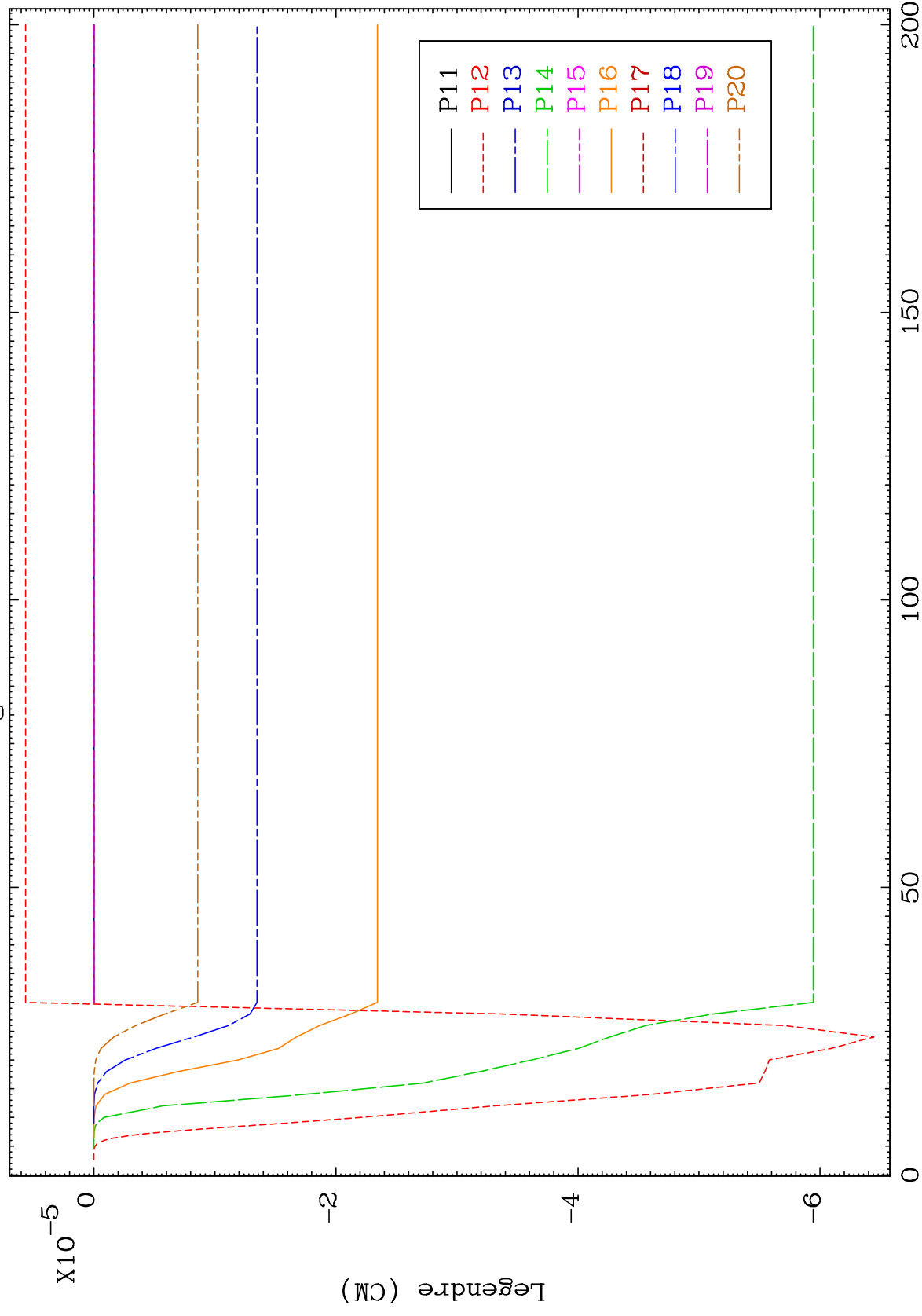
87-Fr-204

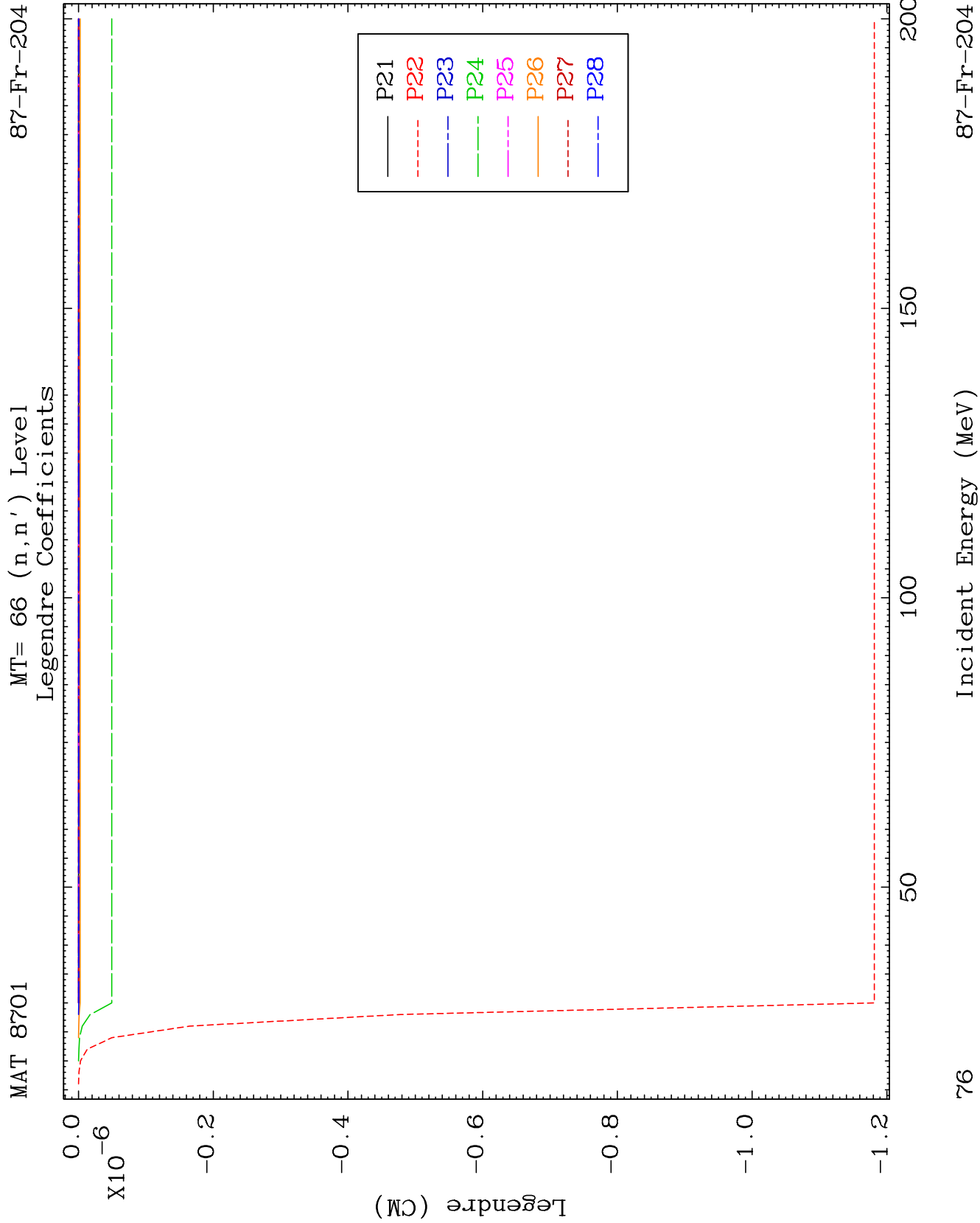


MAT 8701

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

87-Fr-204

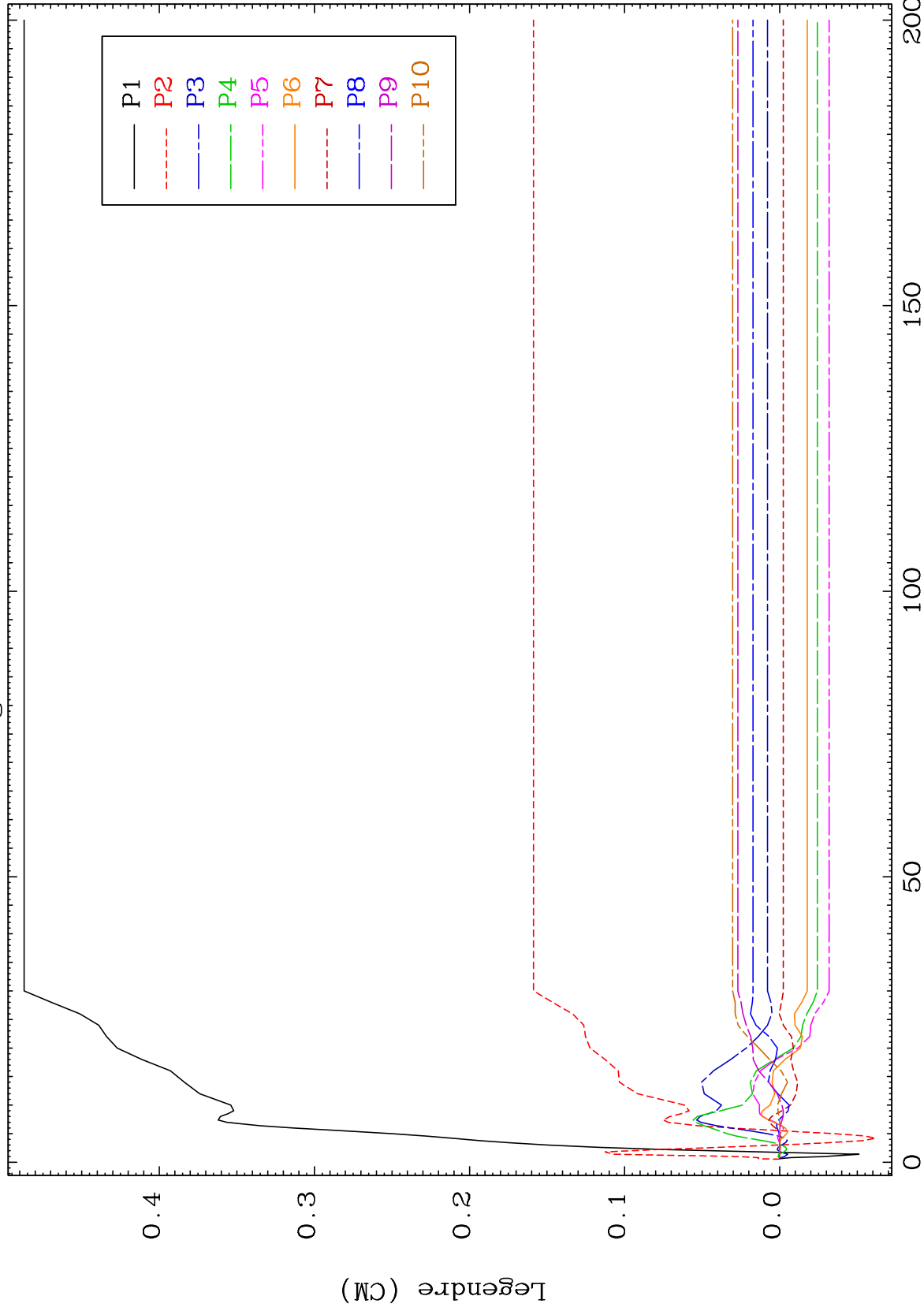




MAT 8701

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

87-Fr-204



77

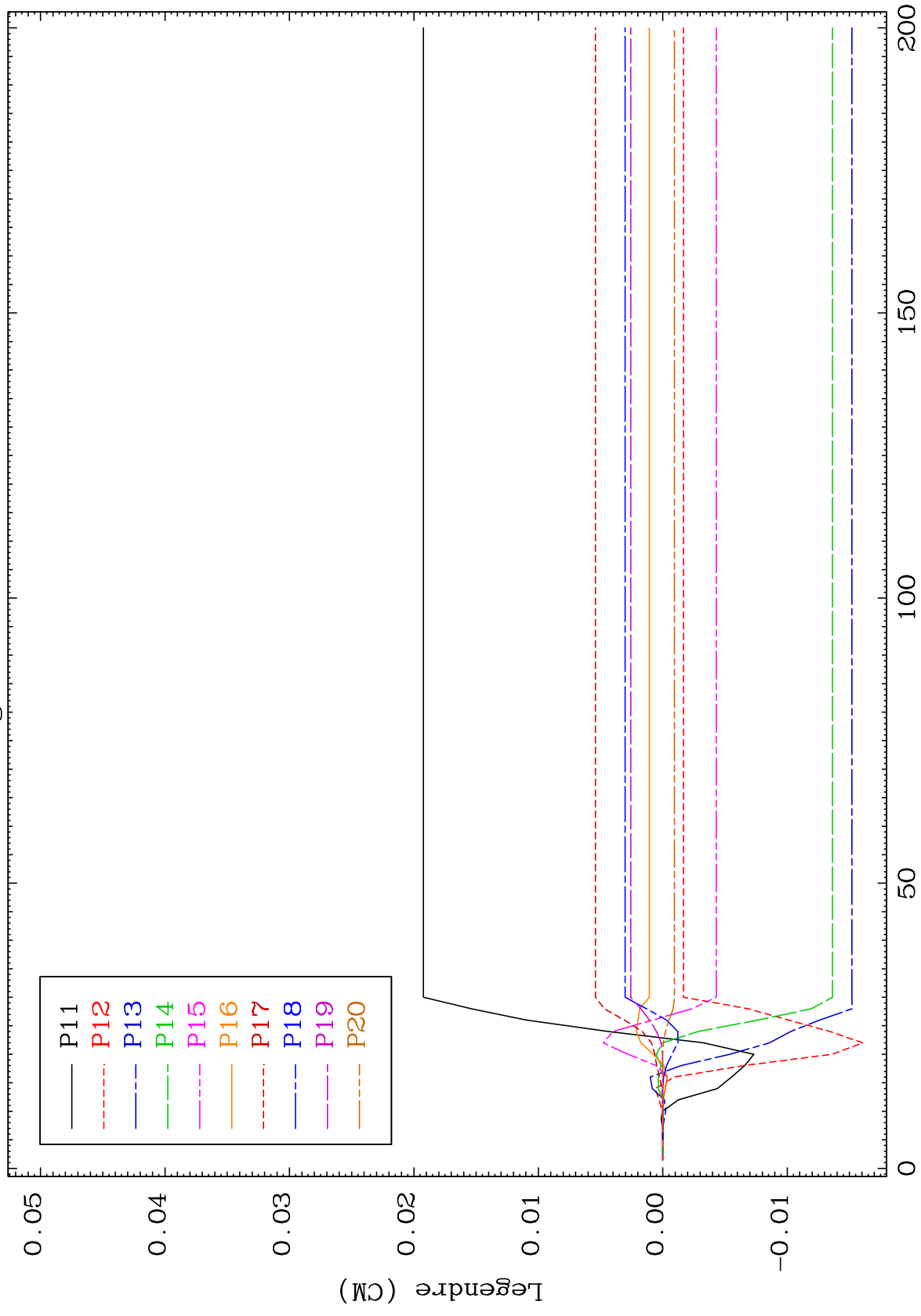
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

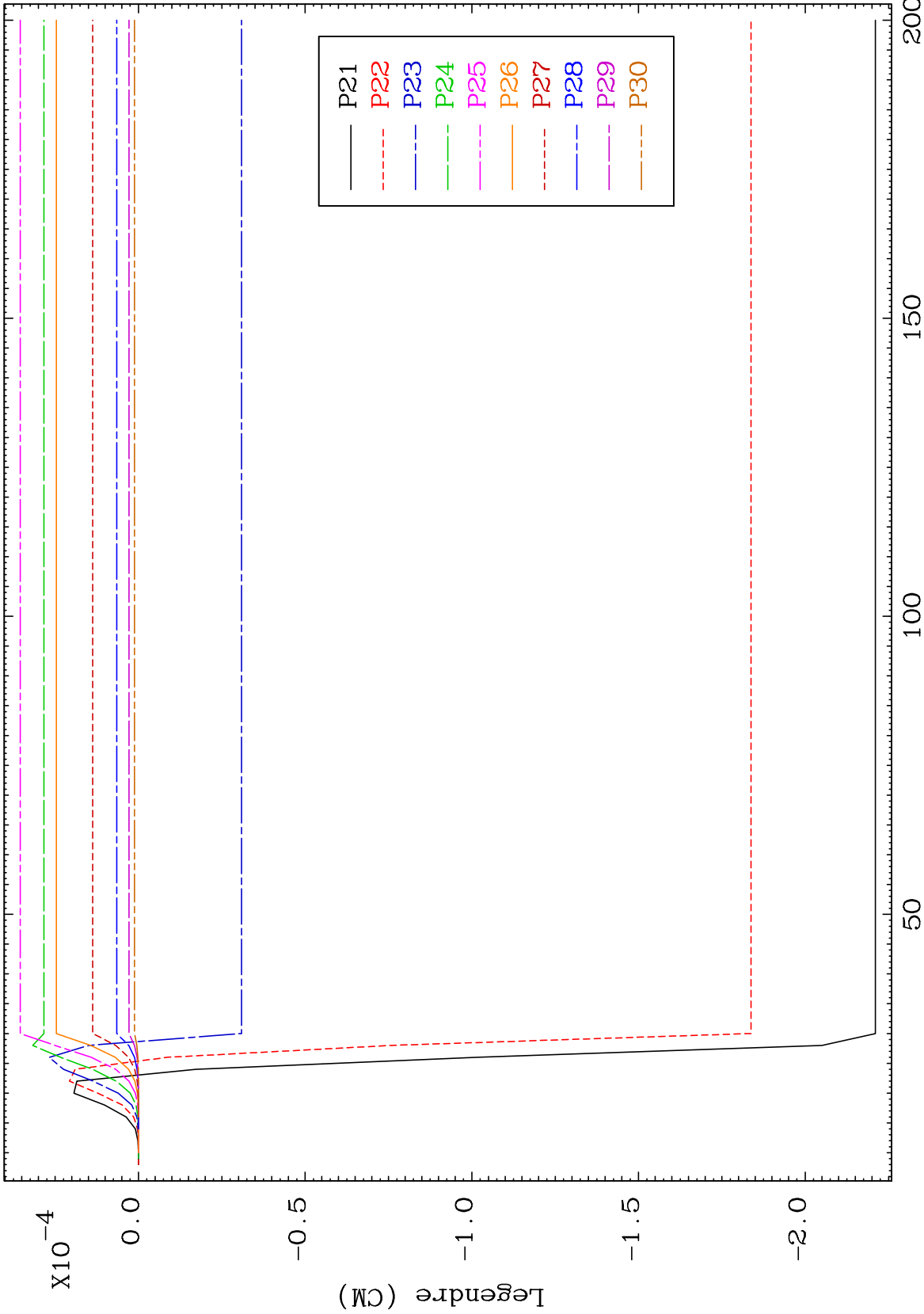
87-Fr-204



82

Incident Energy (MeV)

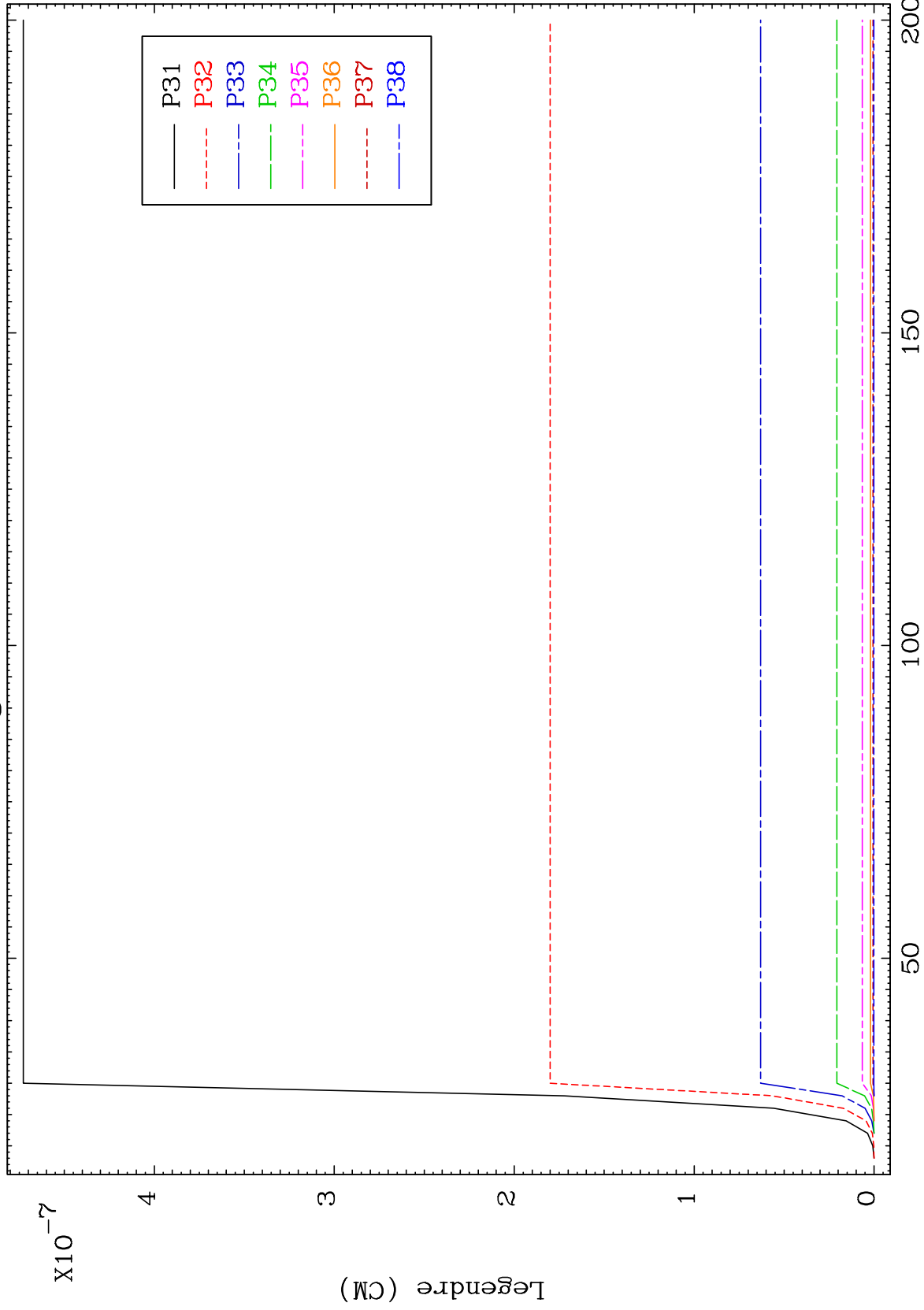
87-Fr-204



MAT 8701

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

87-Fr-204

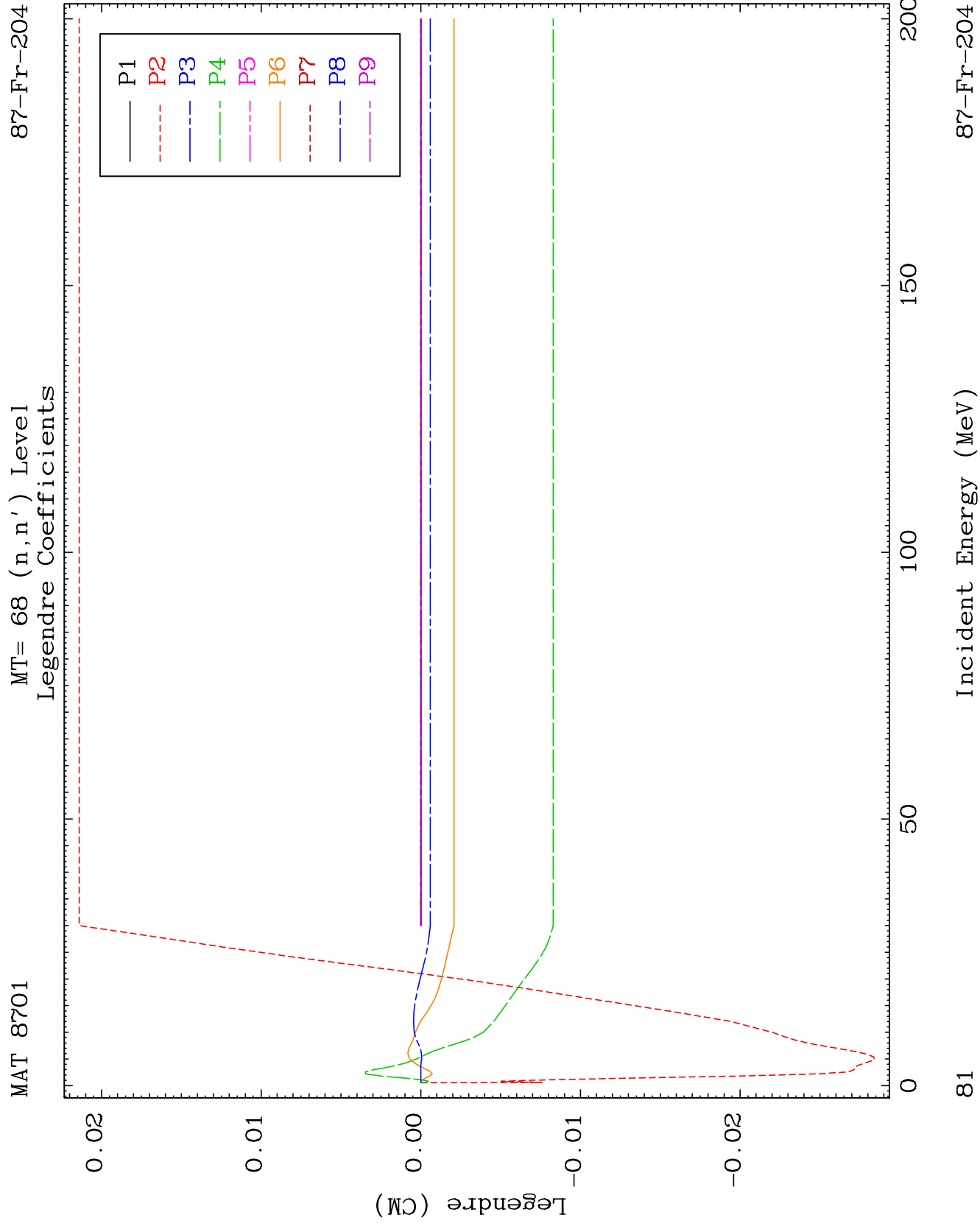


80

Incident Energy (MeV)

150

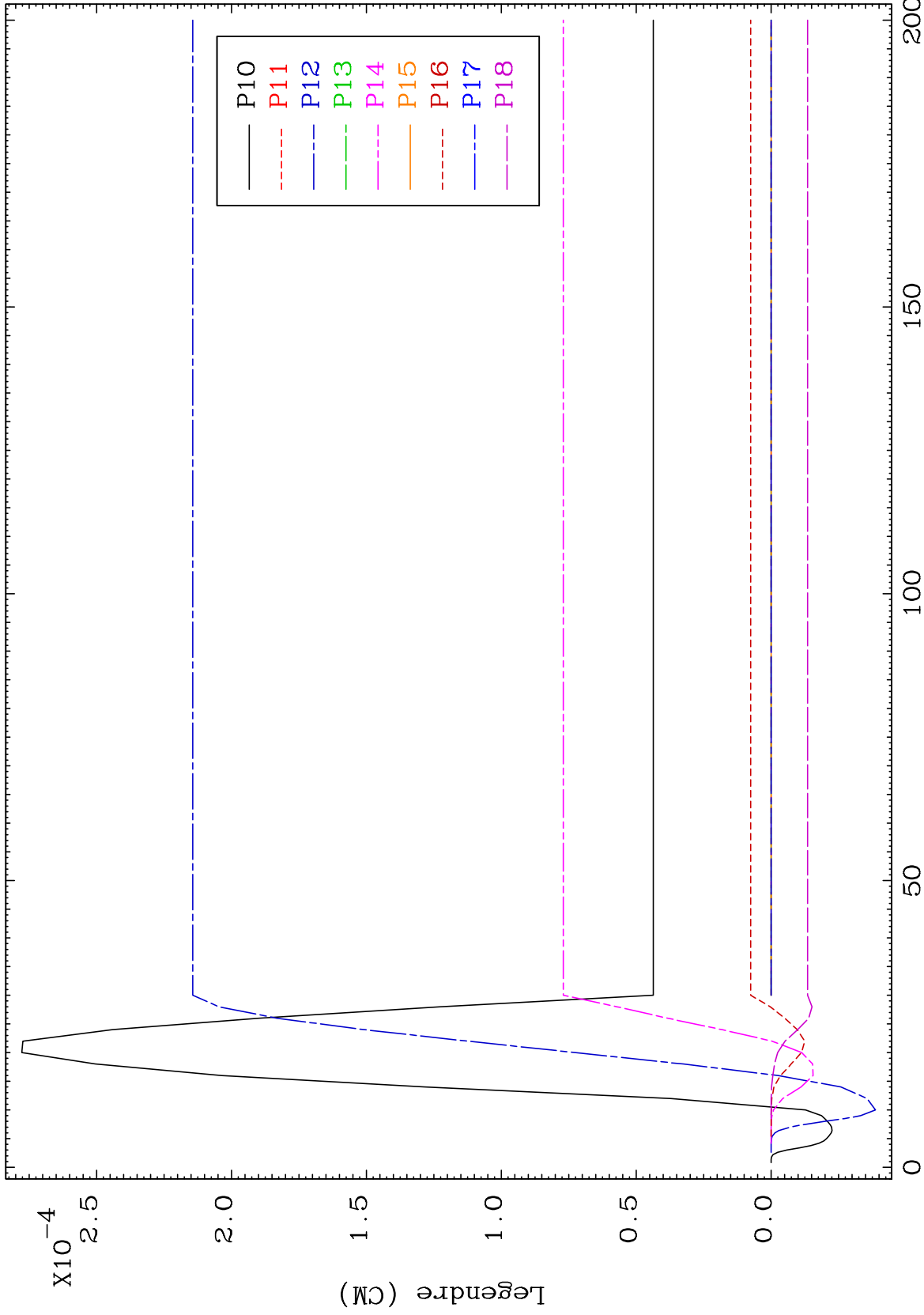
87-Fr-204



MAT 8701

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

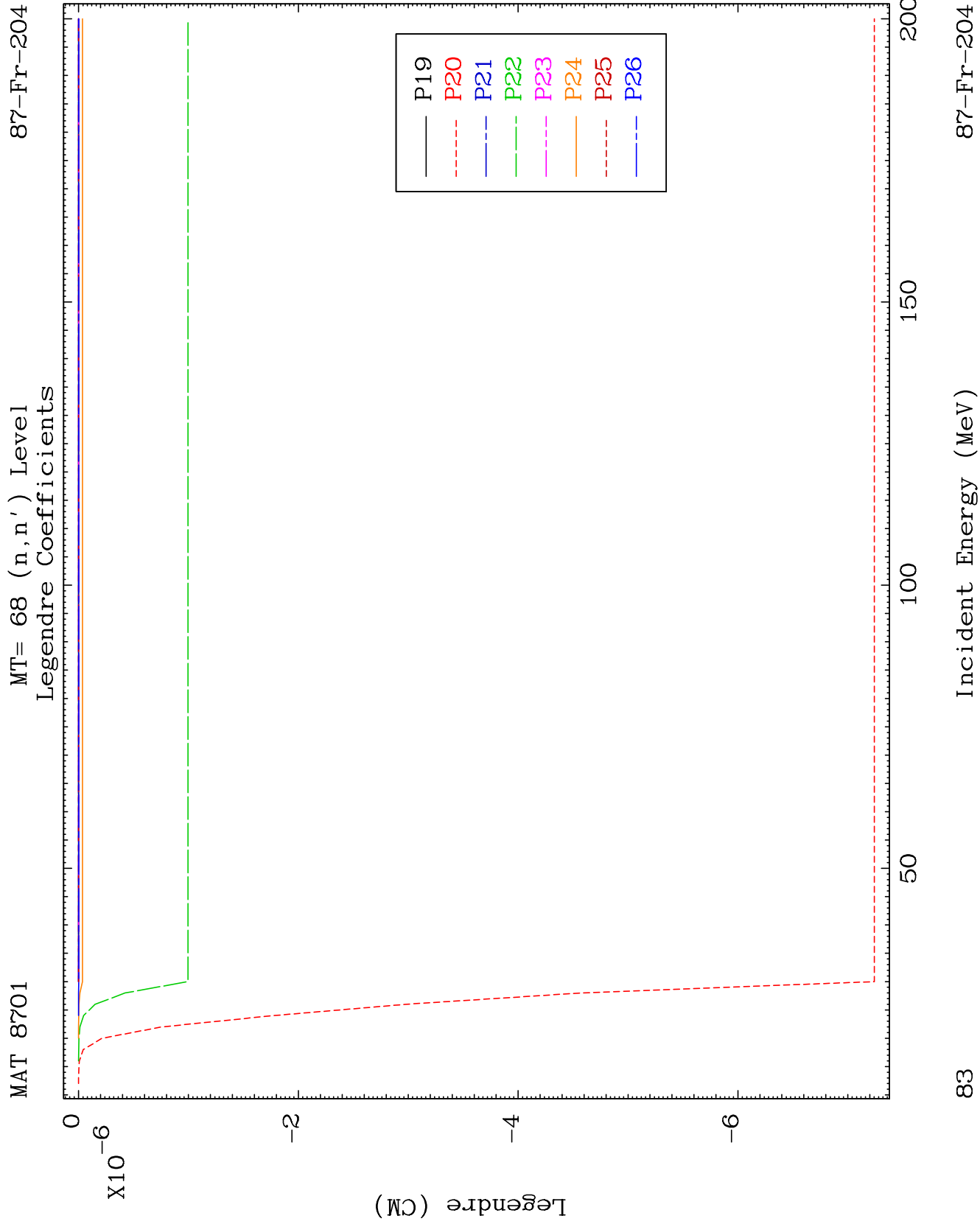
87-Fr-204



82

Incident Energy (MeV)

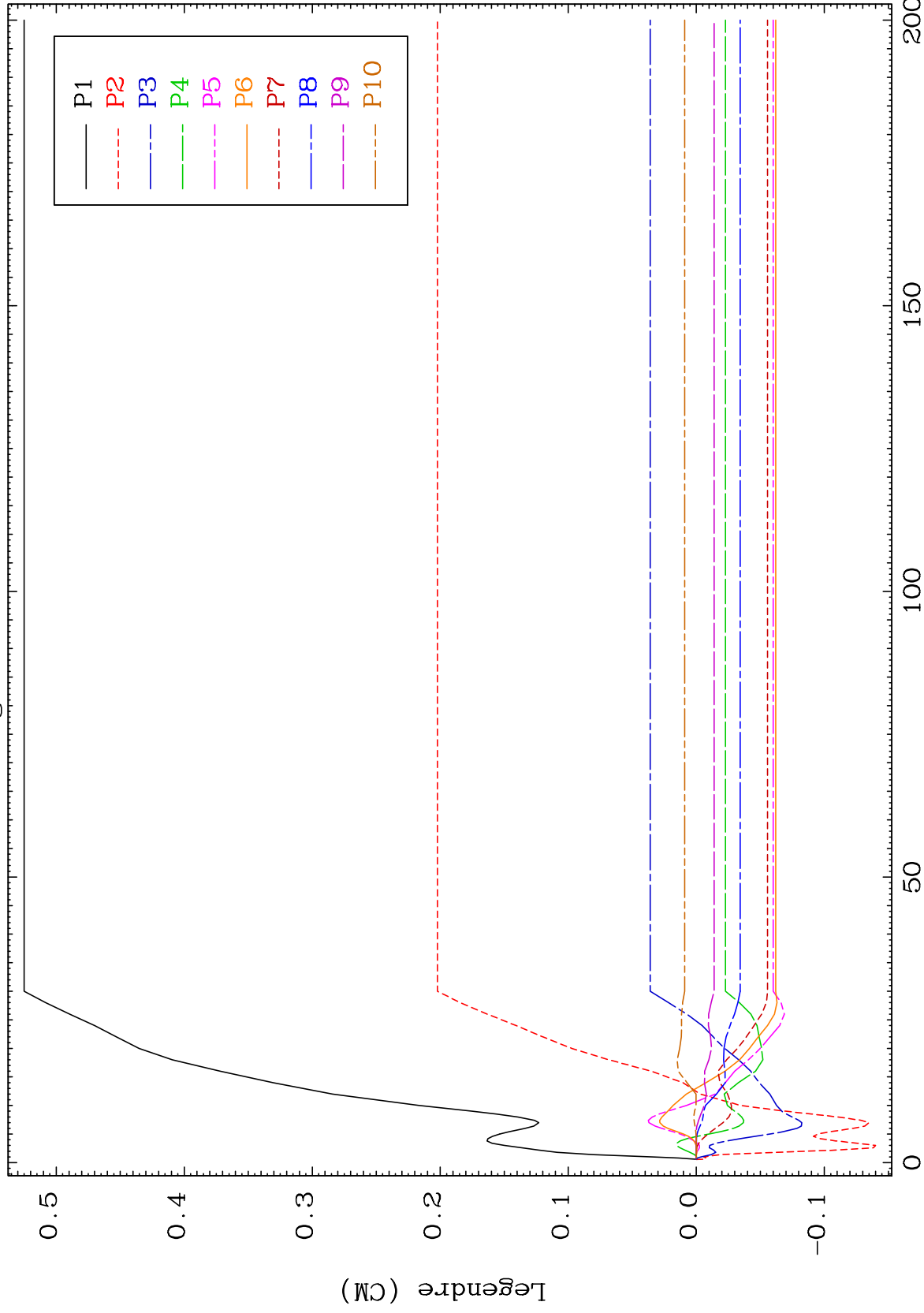
87-Fr-204



MAT 8701

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

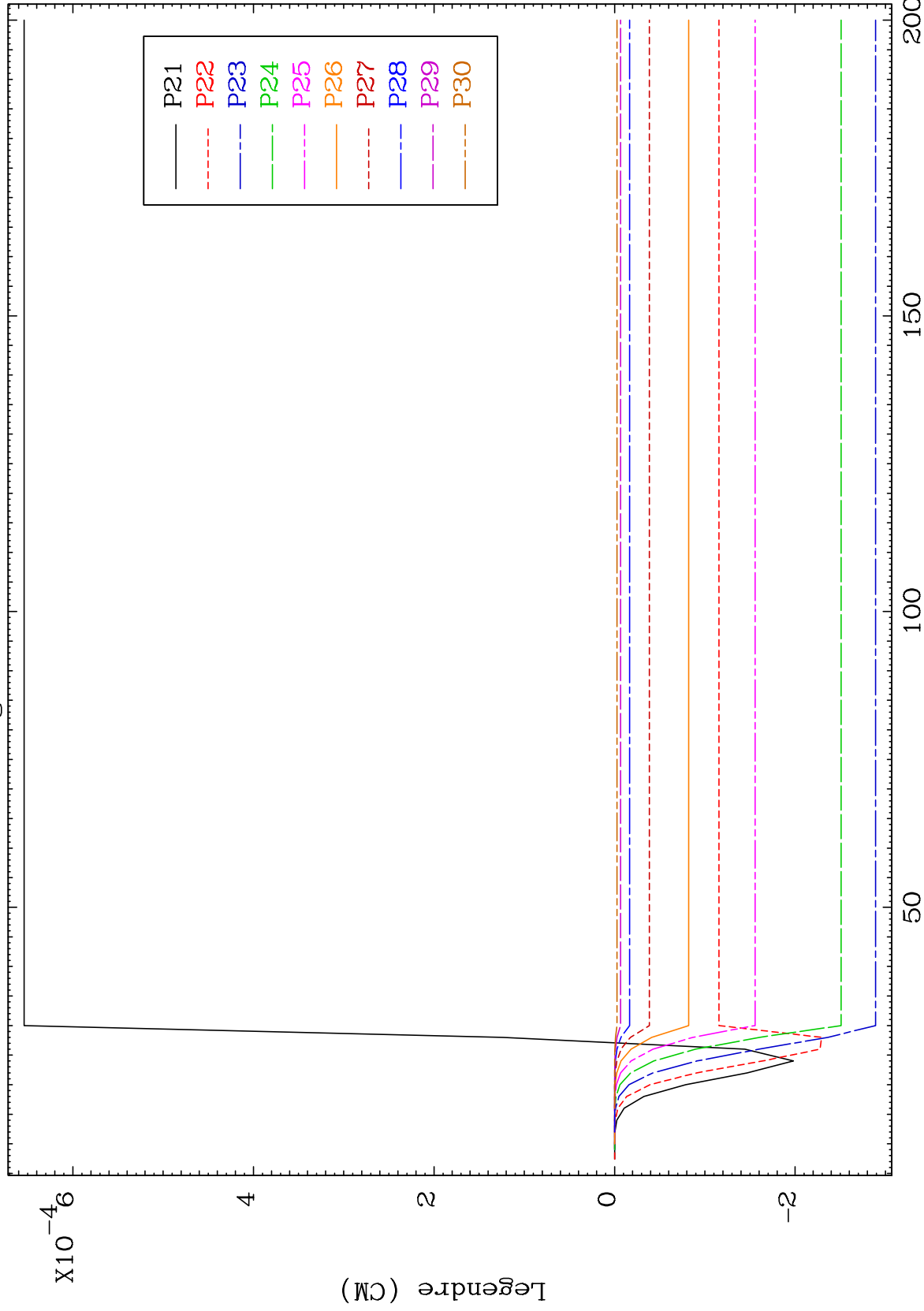
87-Fr-204



84

Incident Energy (MeV)

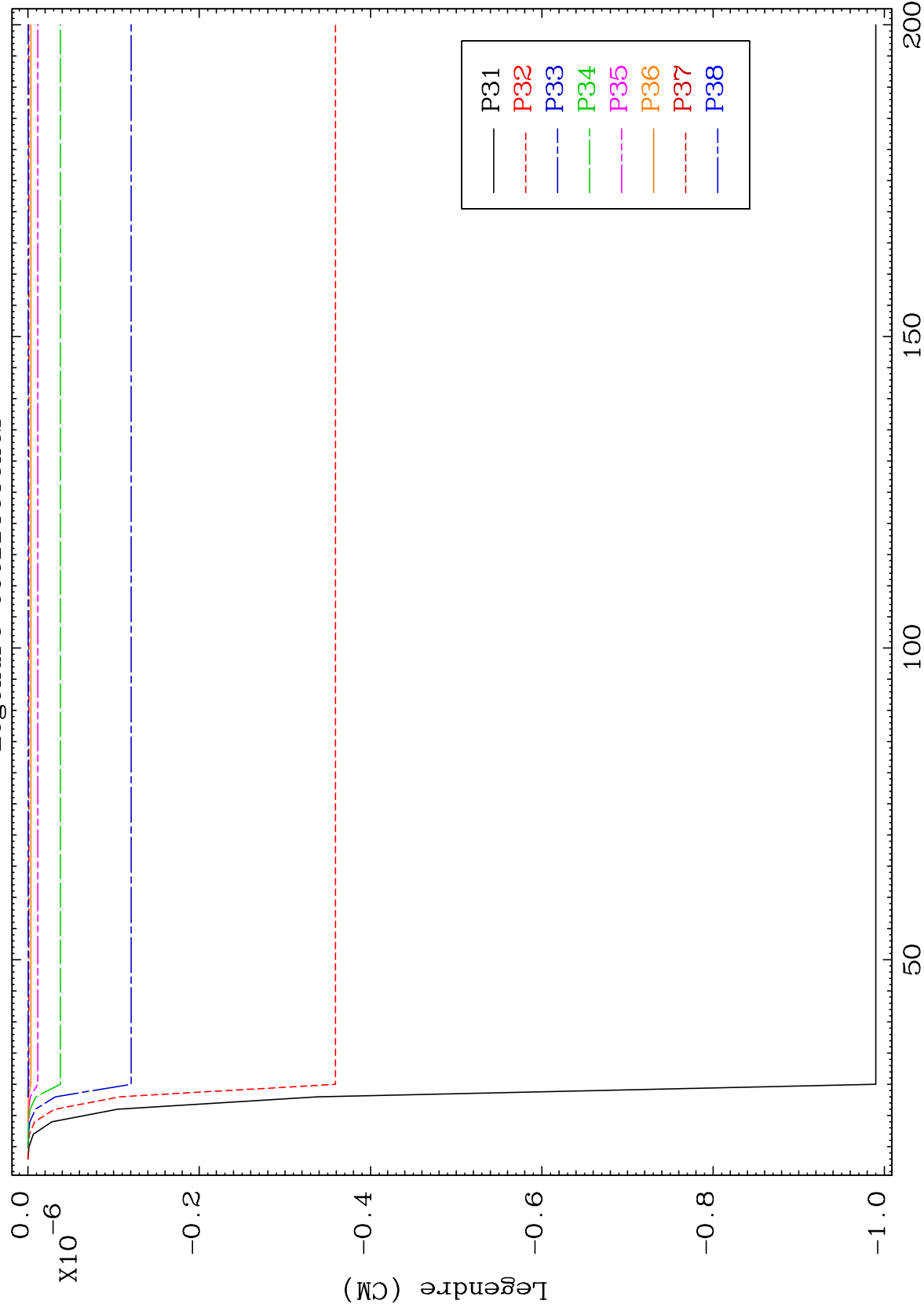
87-Fr-204



MAT 8701

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

87-Fr-204



28

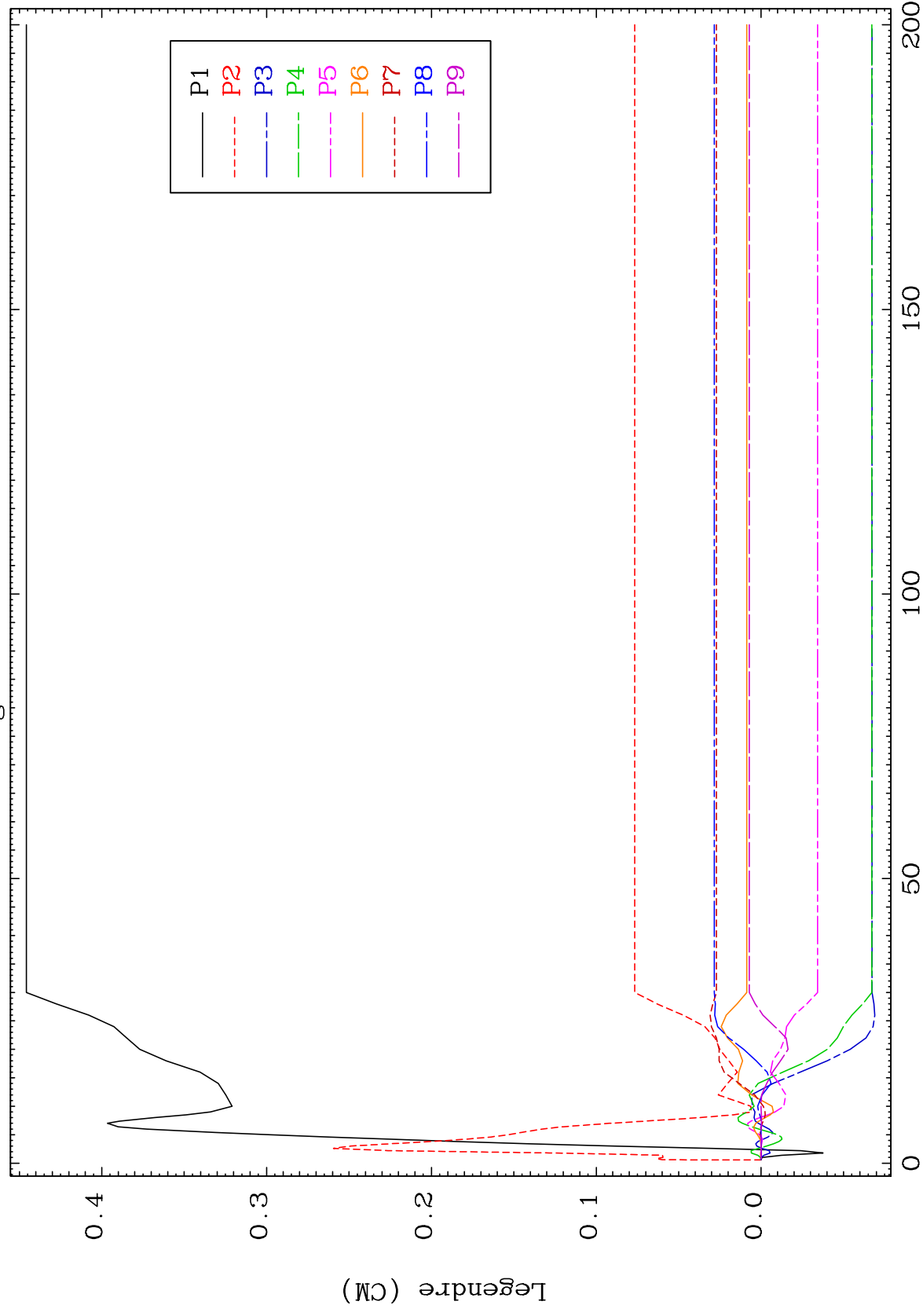
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

87-Fr-204



88

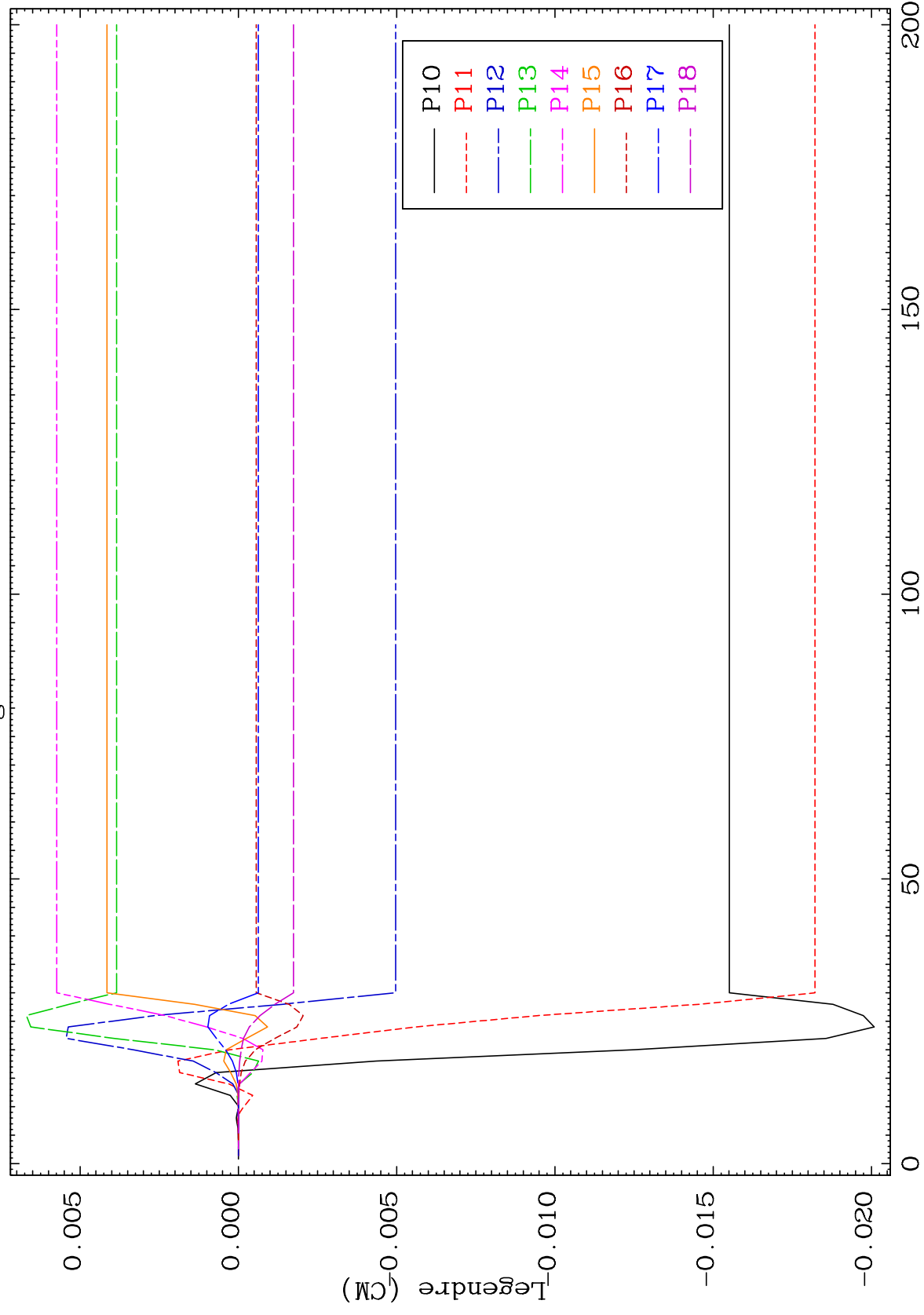
Incident Energy (MeV)

87-Fr-204

MAT 8701

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

87-Fr-204



98

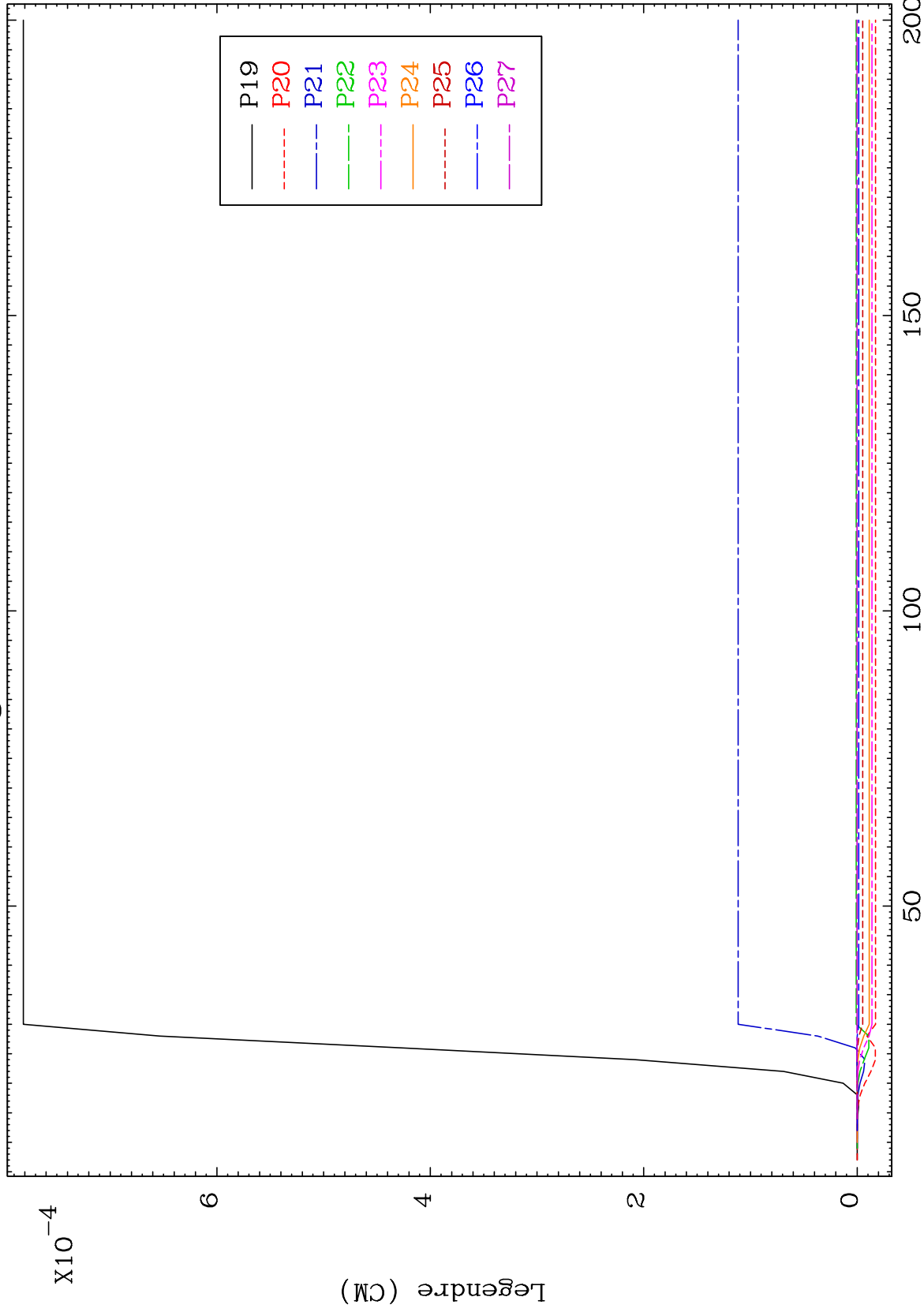
Incident Energy (MeV)

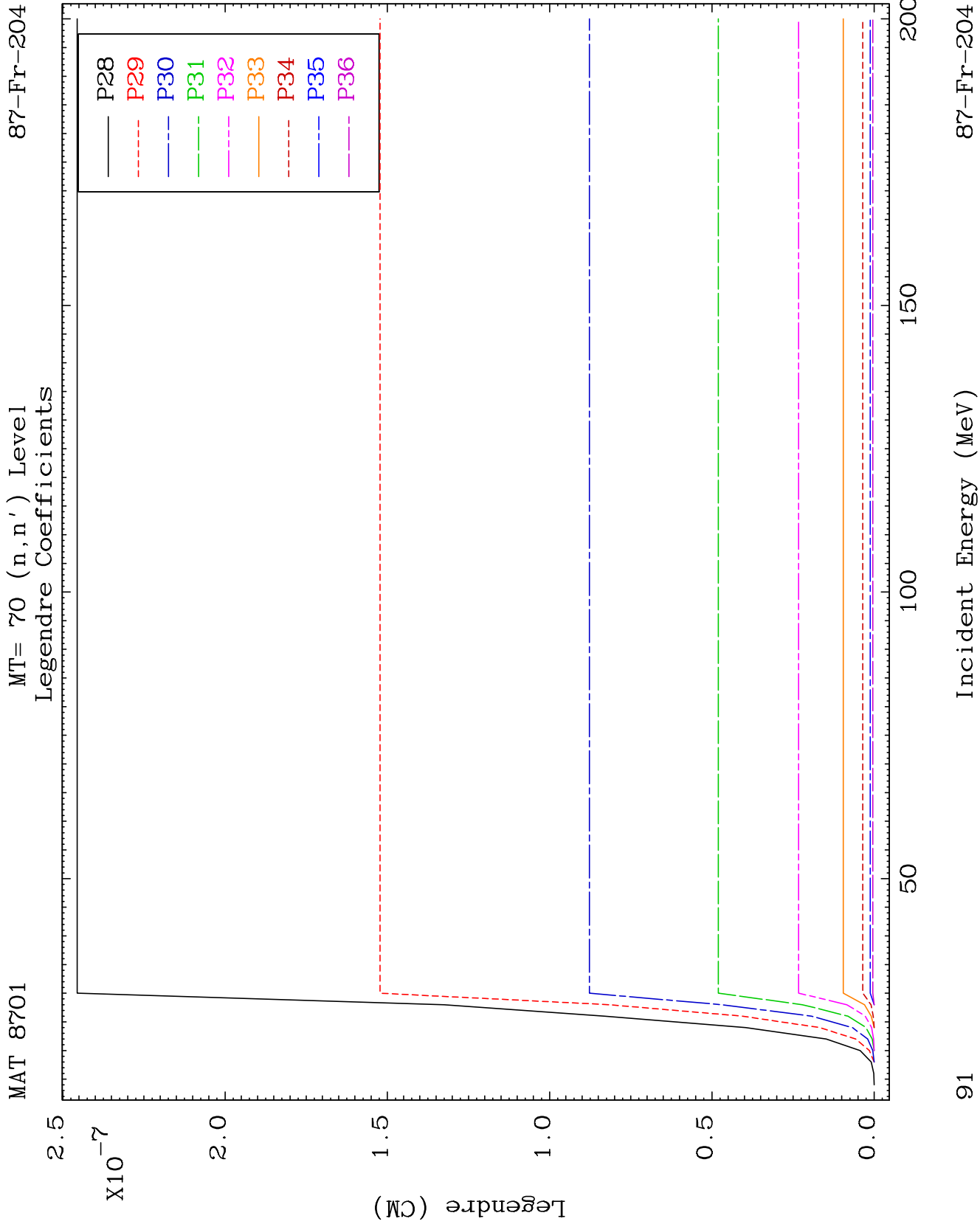
87-FR-204

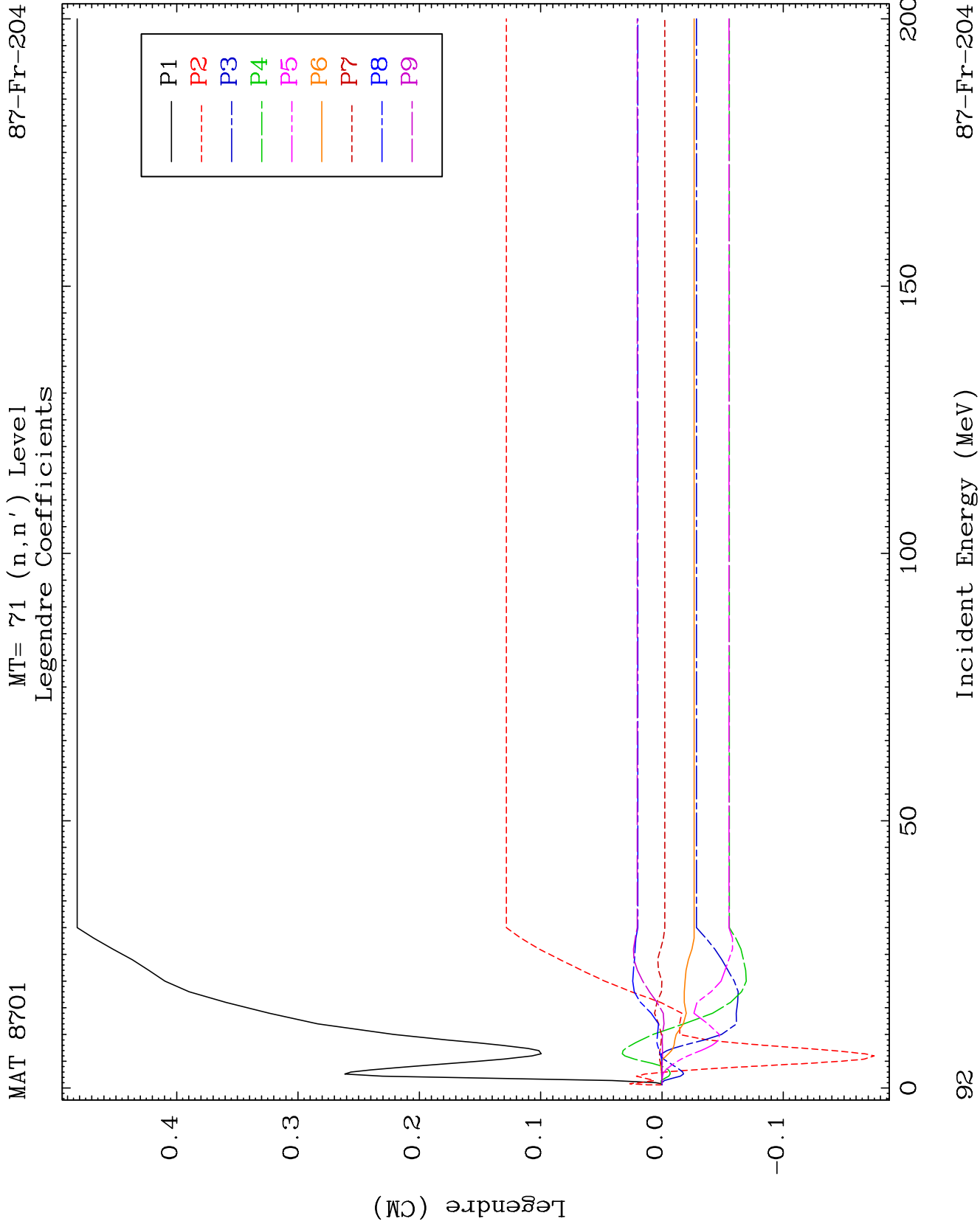
MAT 8701

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

87-Fr-204



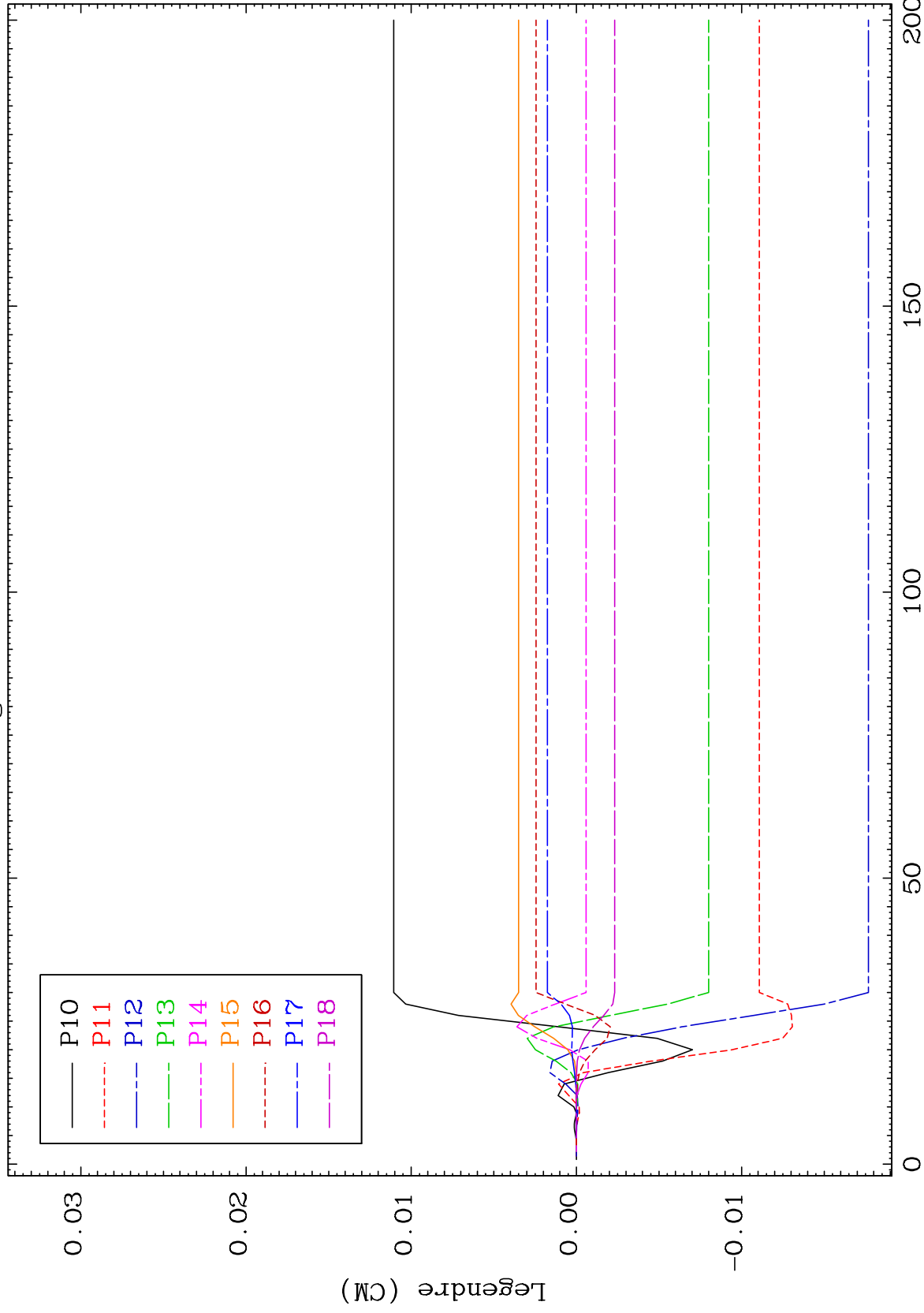




MAT 8701

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

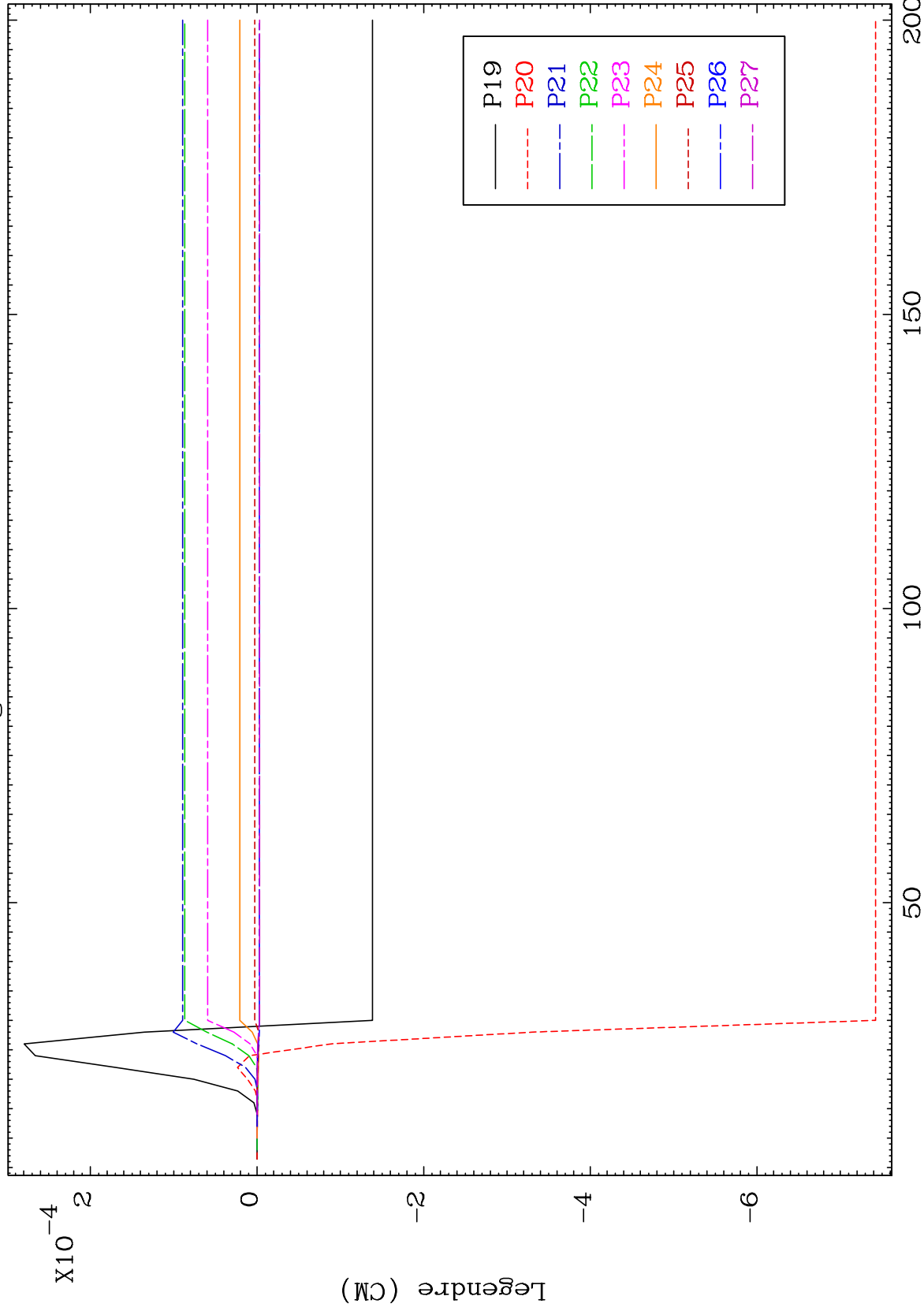
87-Fr-204



93

Incident Energy (MeV)

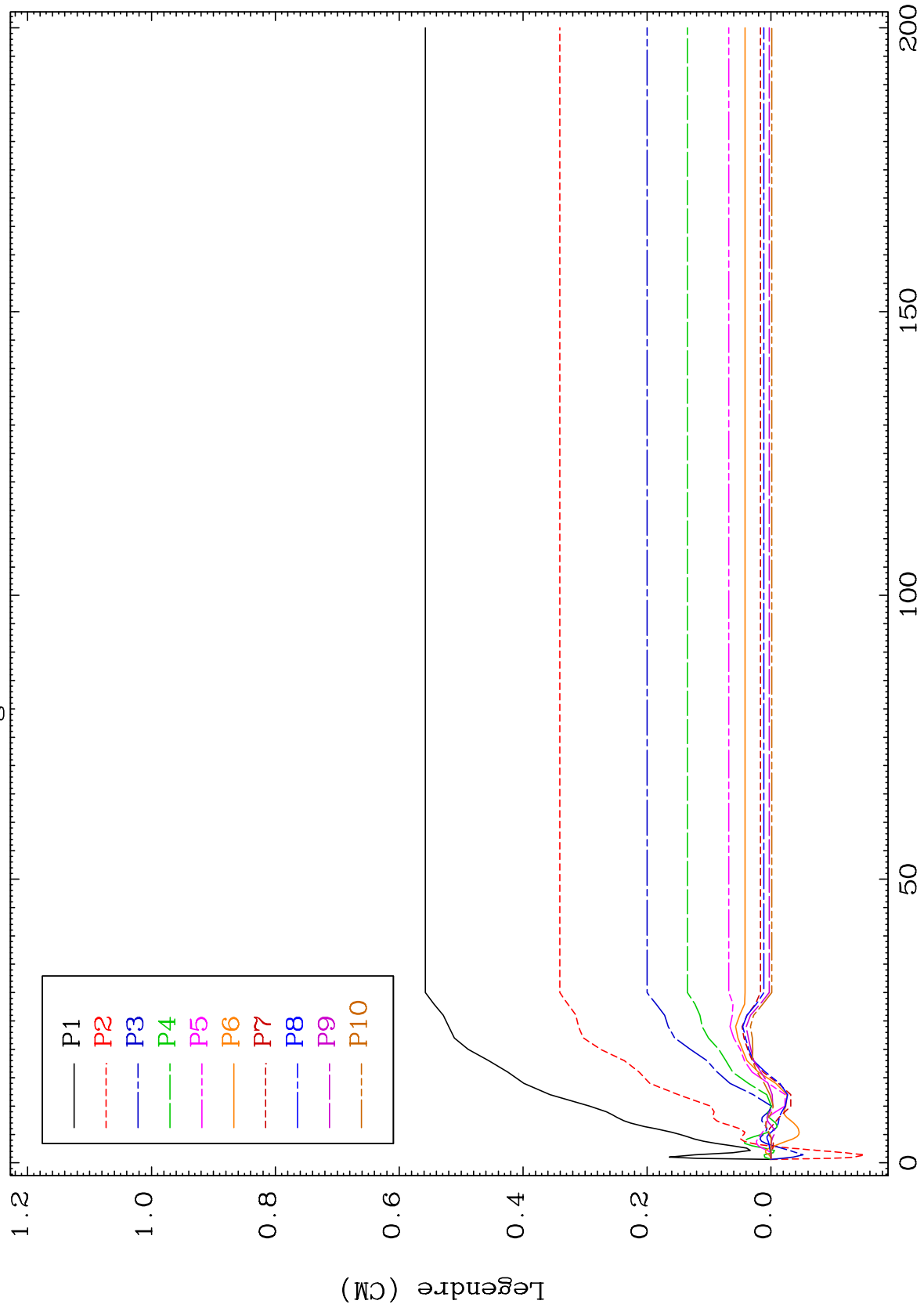
87-Fr-204



MAT 8701

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

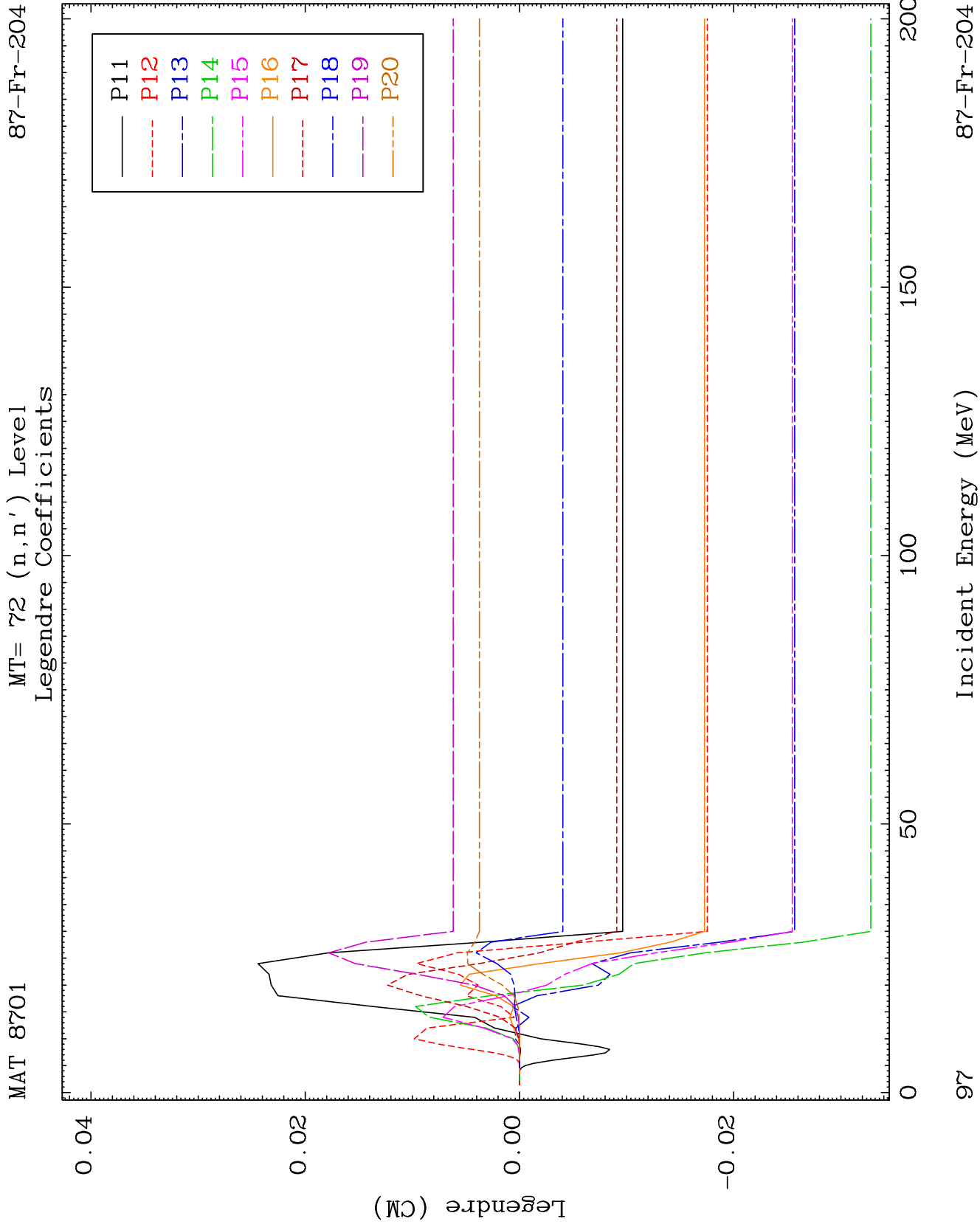
87-Fr-204



96

Incident Energy (MeV)

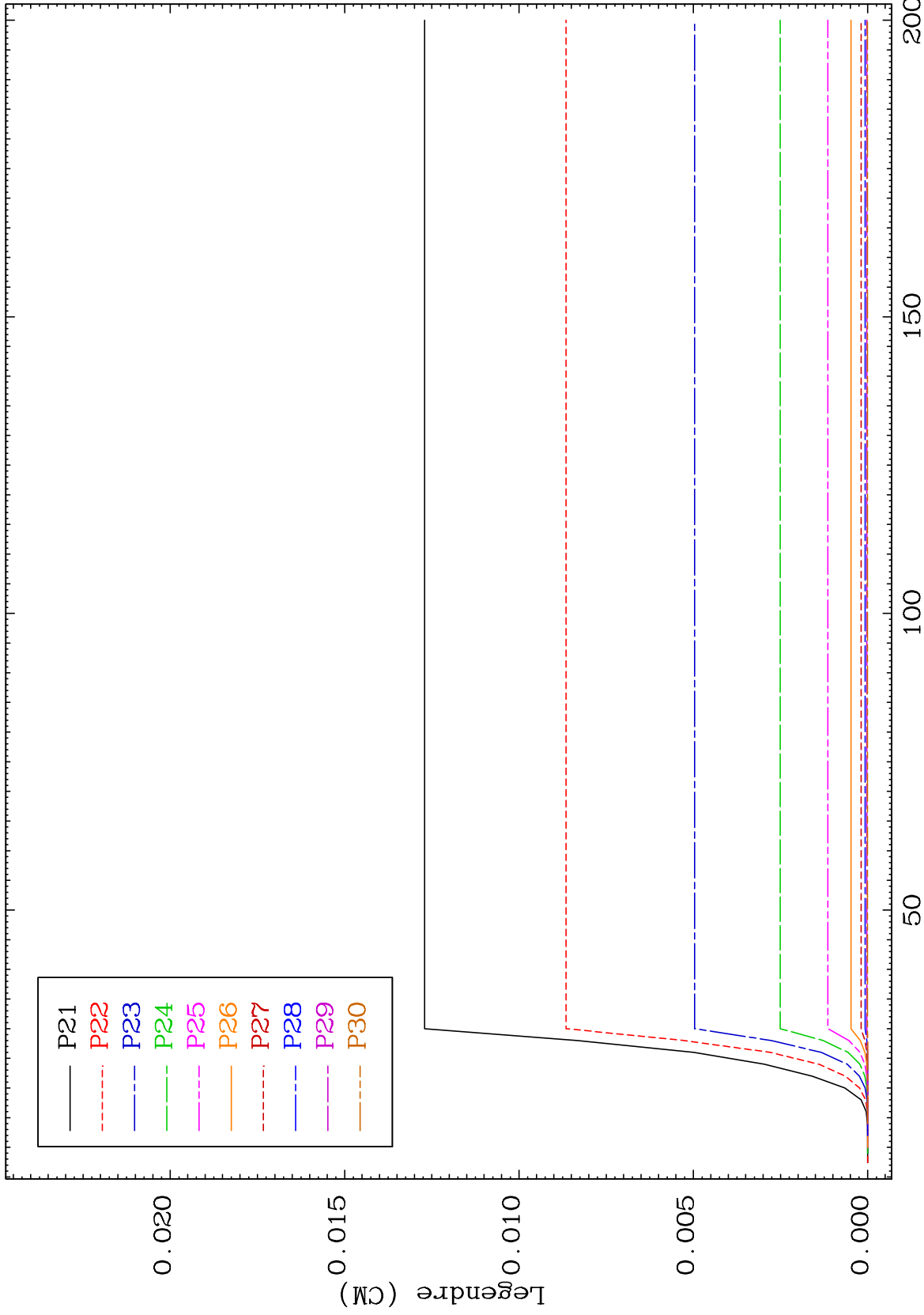
87-Fr-204



MAT 8701

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

87-Fr-204

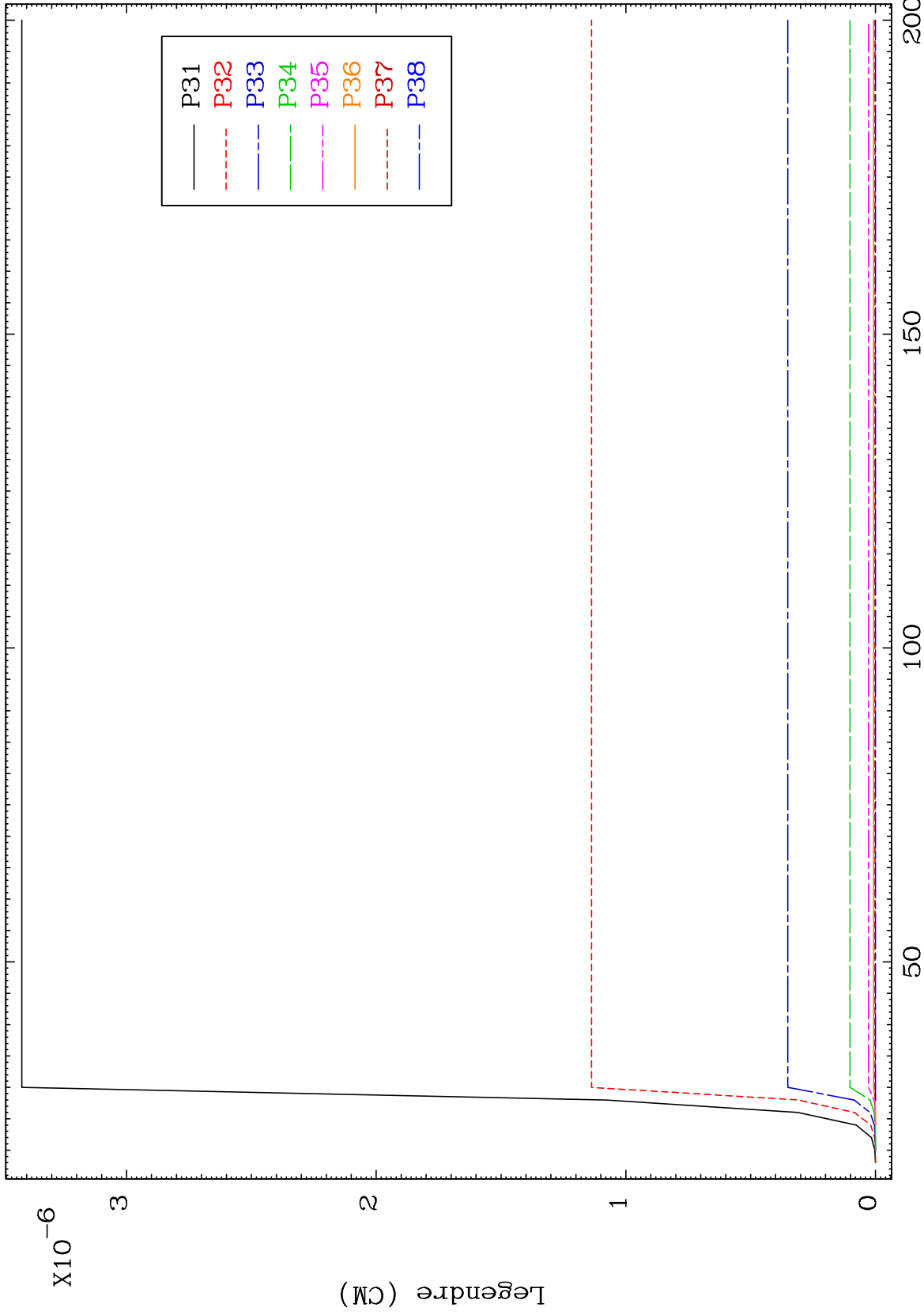


98

MAT 8701

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

87-Fr-204



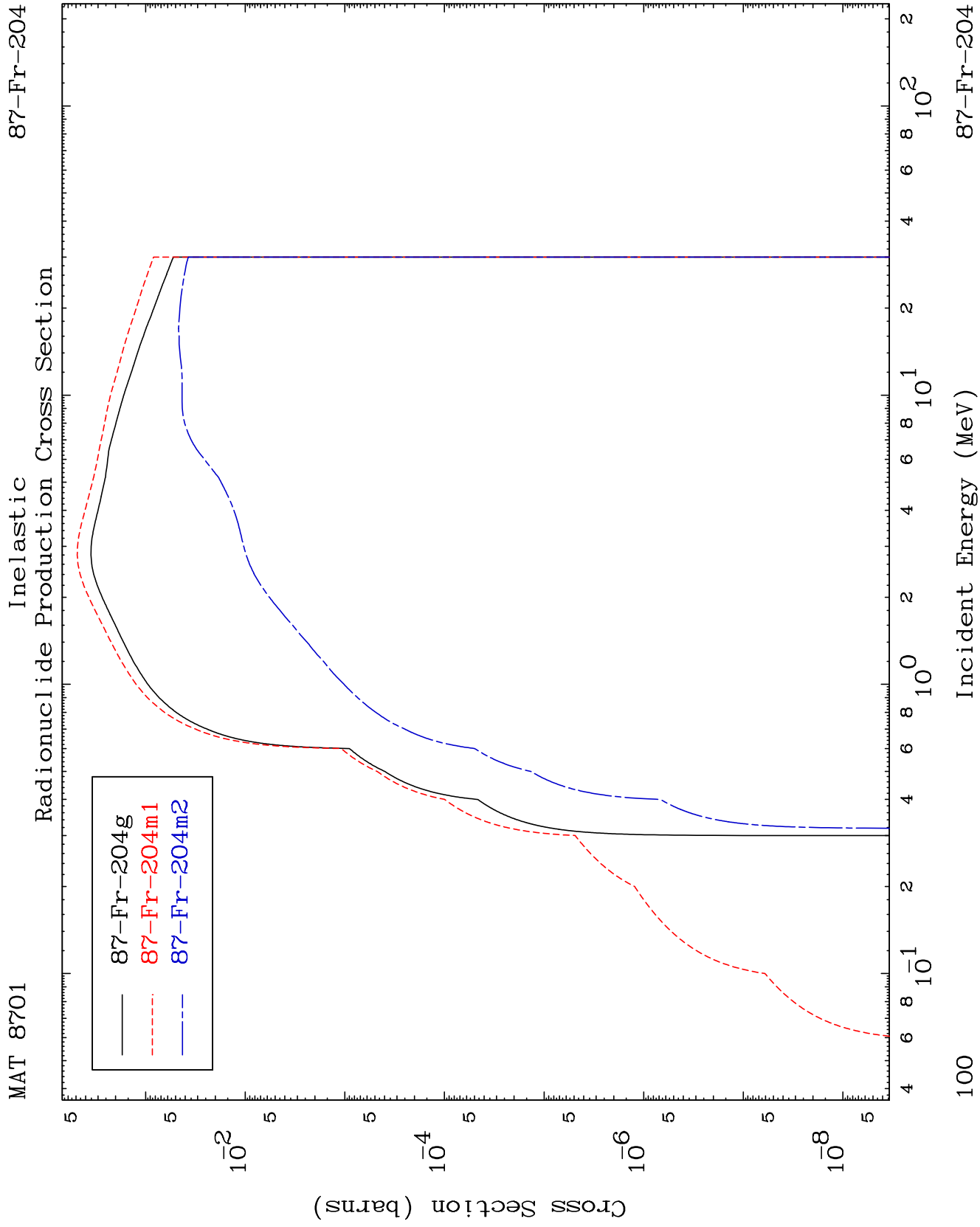
99

Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

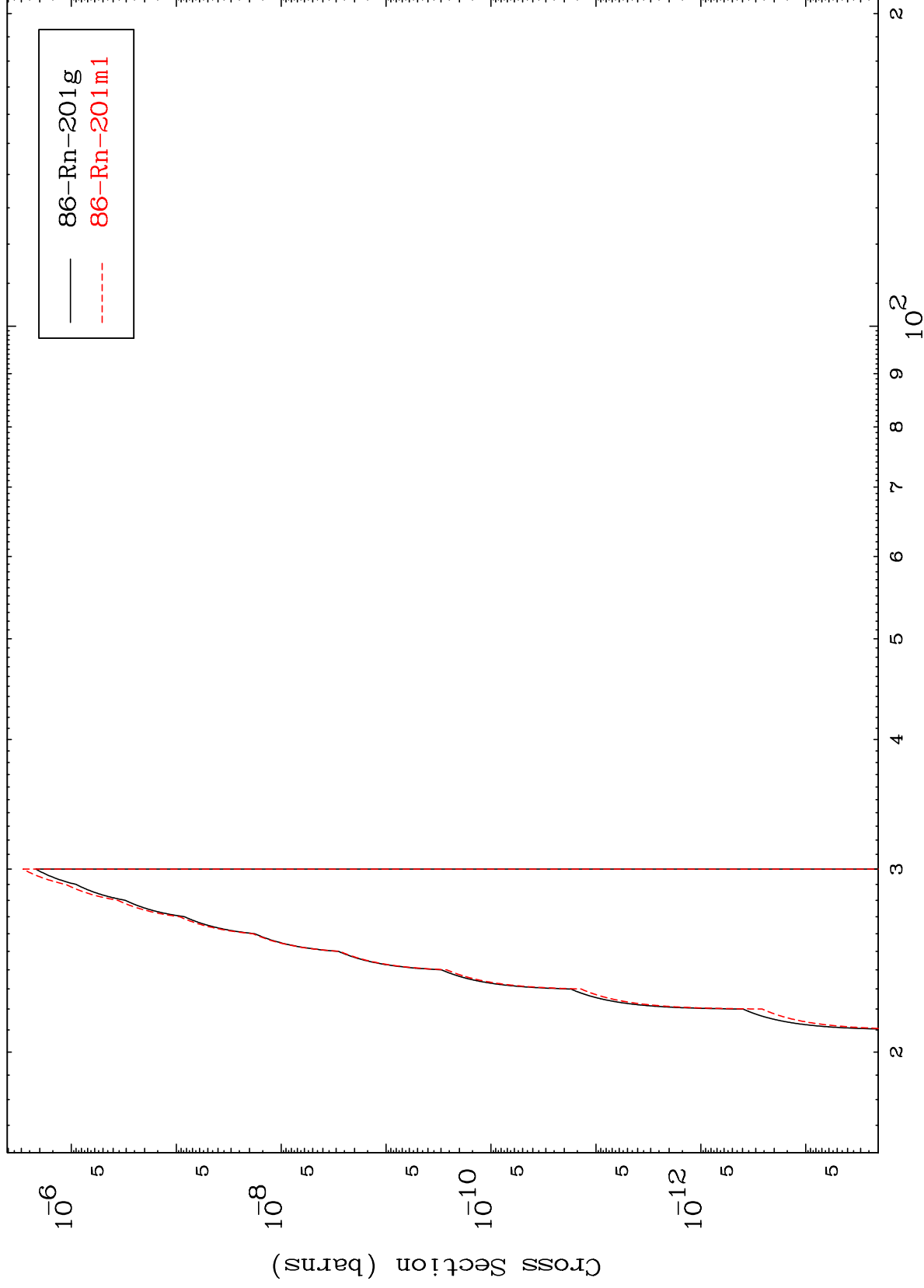


MAT 8701

(n,2n) d

87-Fr-204

Radionuclide Production Cross Section



101

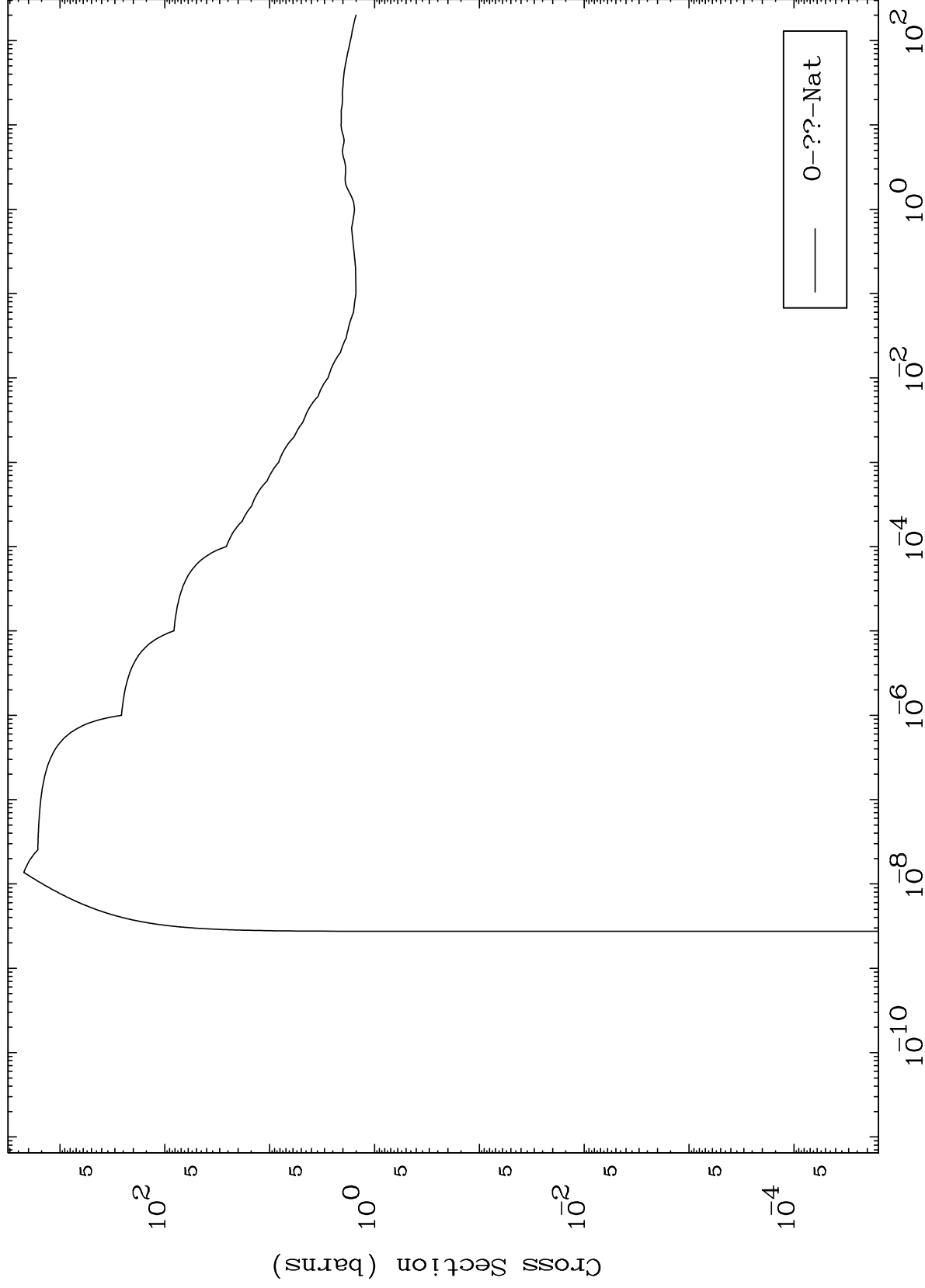
Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

Fission
Radionuclide Production Cross Section

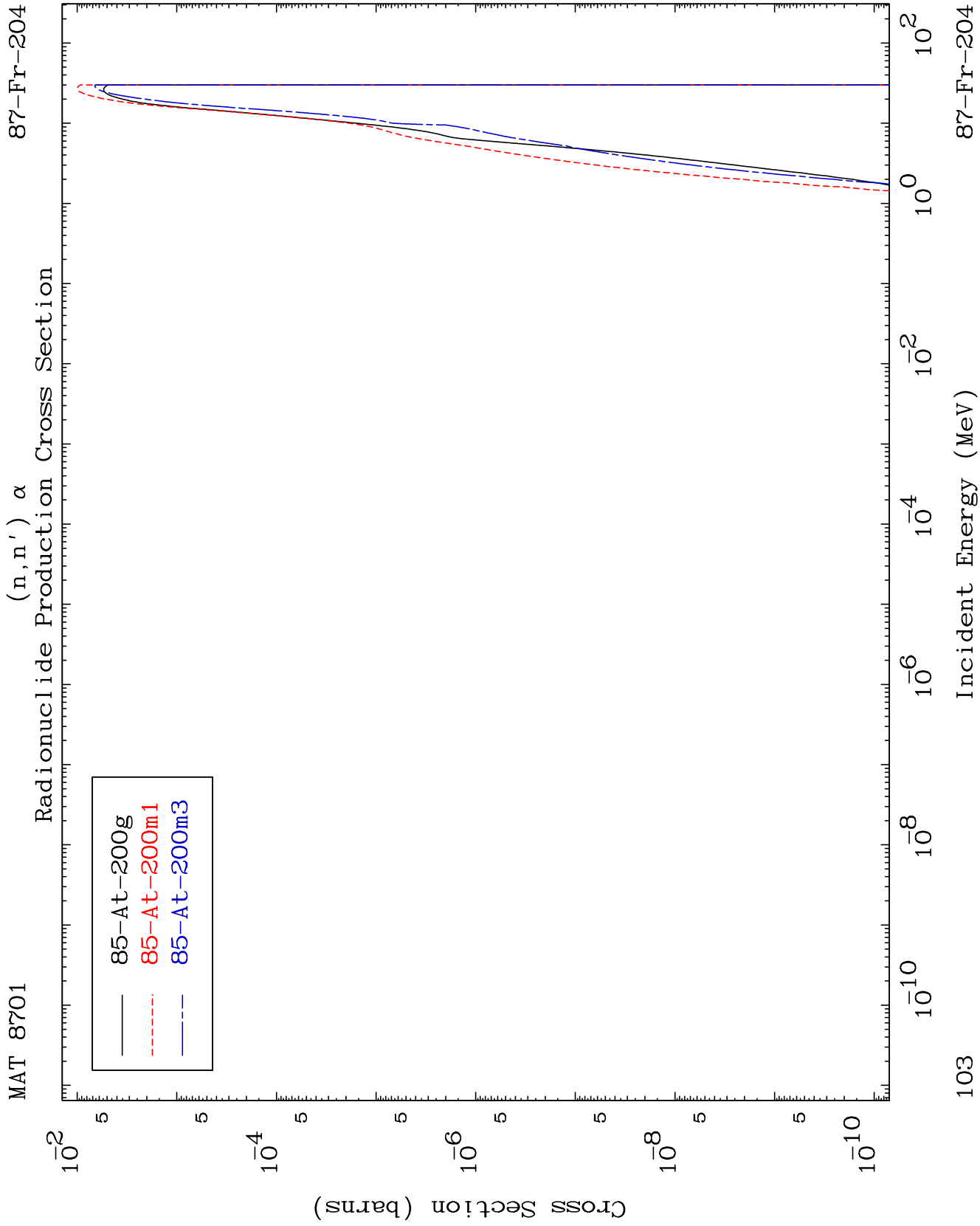


0- γ -Nat

102

Incident Energy (MeV)

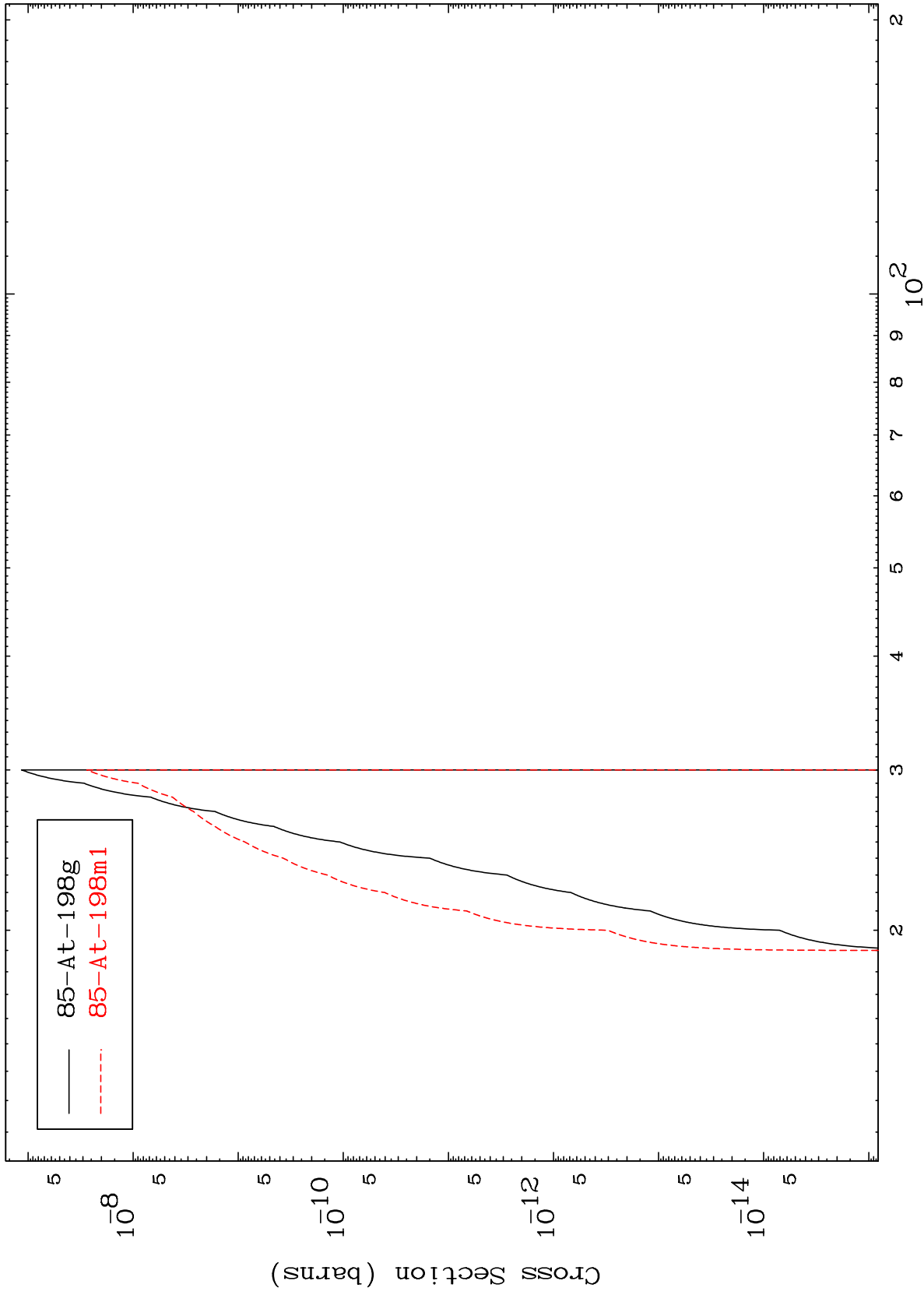
87-Fr-204



MAT 8701

87-Fr-204

(n,3n) α
Radionuclide Production Cross Section



104

Incident Energy (MeV)

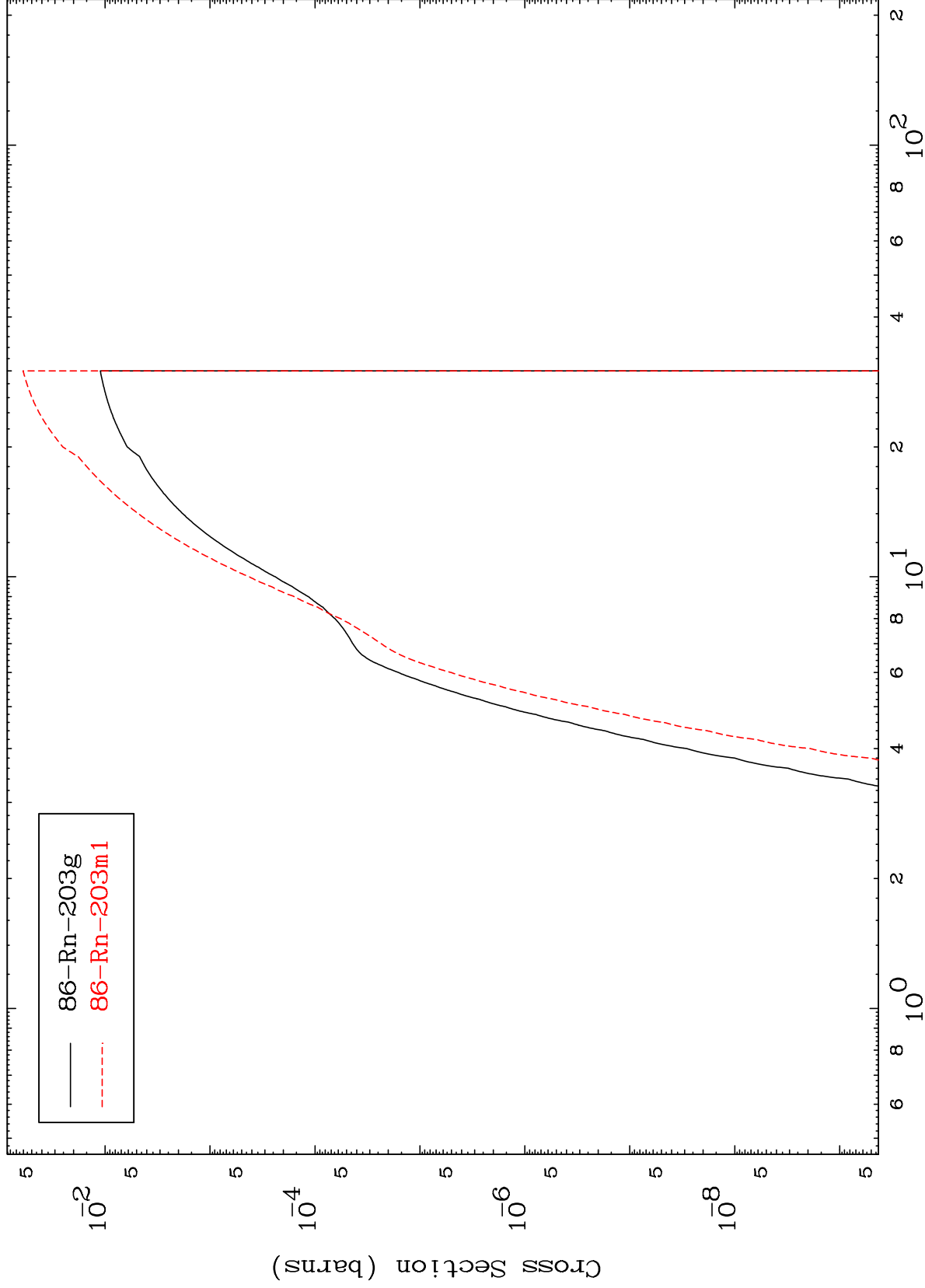
87-Fr-204

MAT 8701

(n,n') p

87-Fr-204

Radionuclide Production Cross Section



105

Incident Energy (MeV)

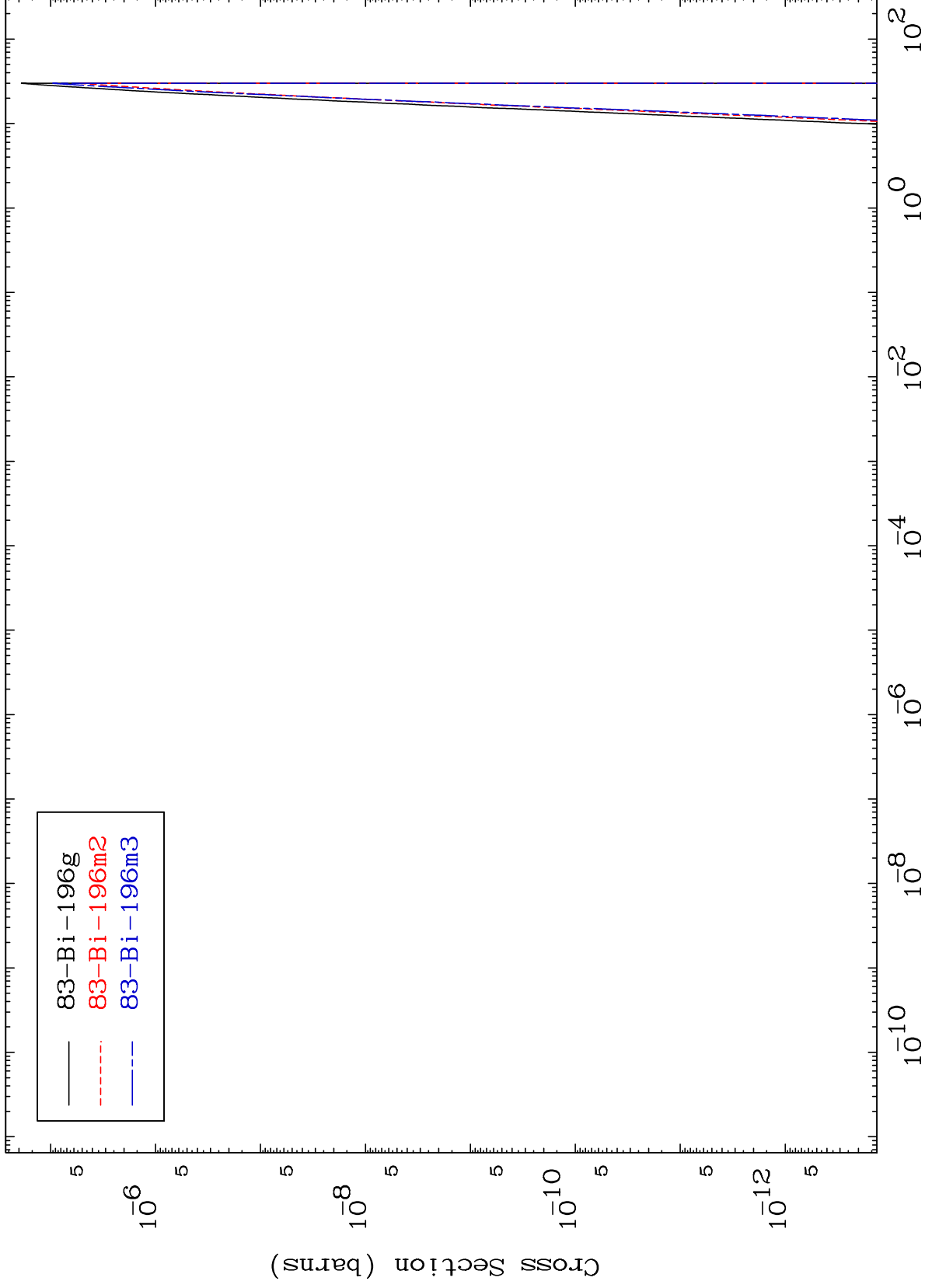
87-Fr-204

MAT 8701

(n,n') 2 α

87-Fr-204

Radionuclide Production Cross Section



106

Incident Energy (MeV)

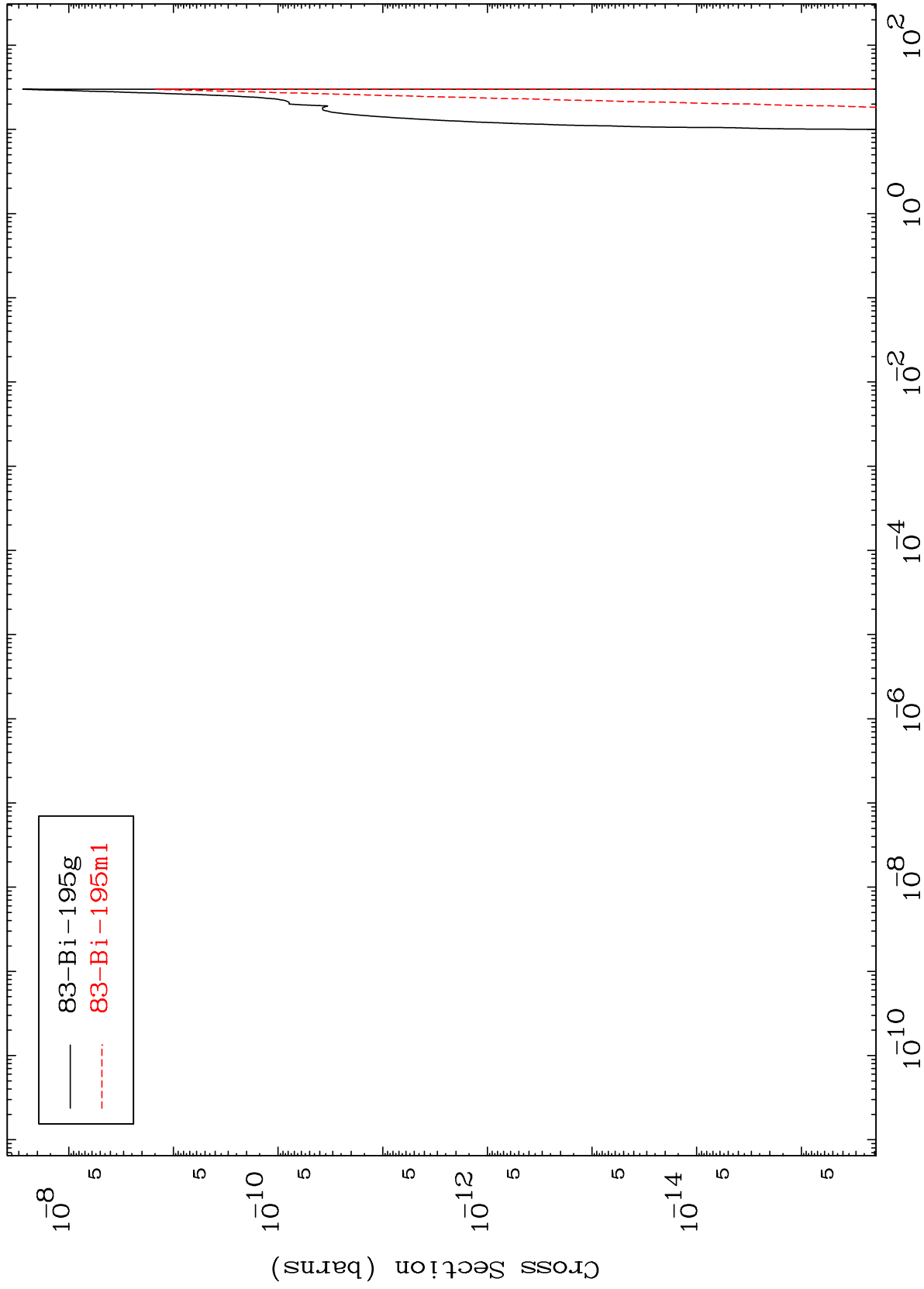
87-Fr-204

MAT 8701

(n,2n) 2α

87-Fr-204

Radionuclide Production Cross Section

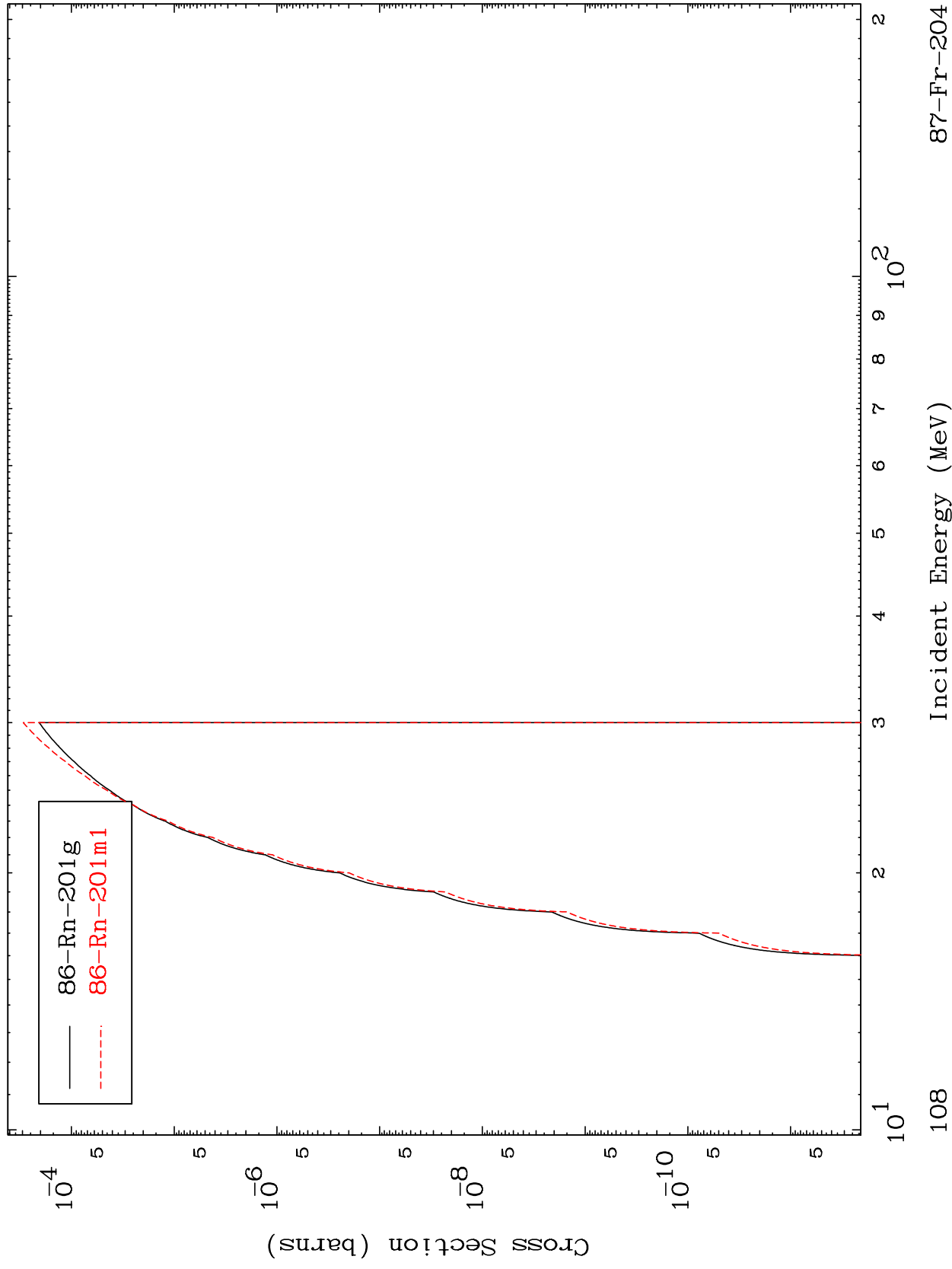


MAT 8701

$$(n, n') \text{ t}$$

87-Fr-204

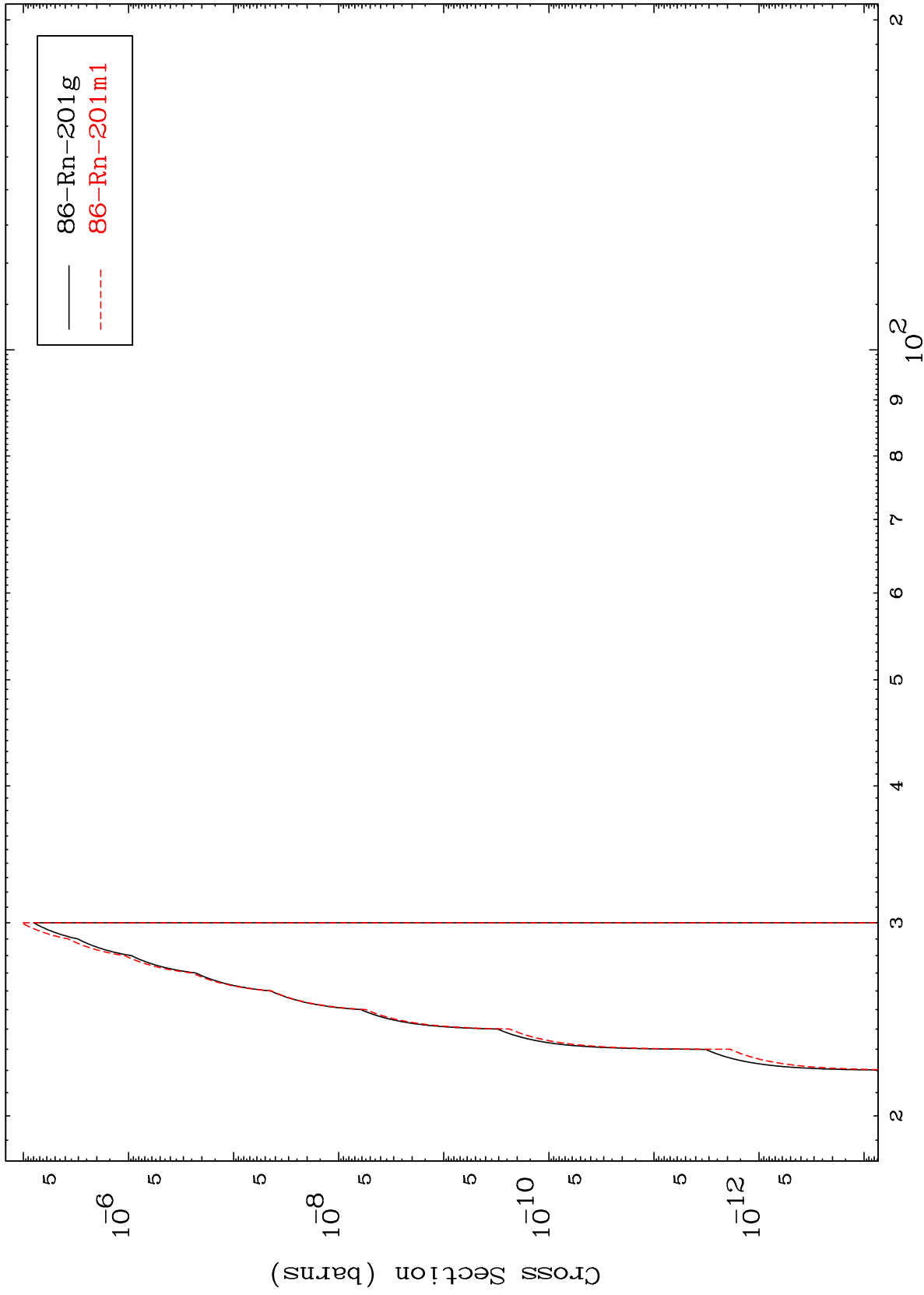
Radionuclide Production Cross Section



MAT 8701

87-Fr-204

(n,3n) p
Radionuclide Production Cross Section



109

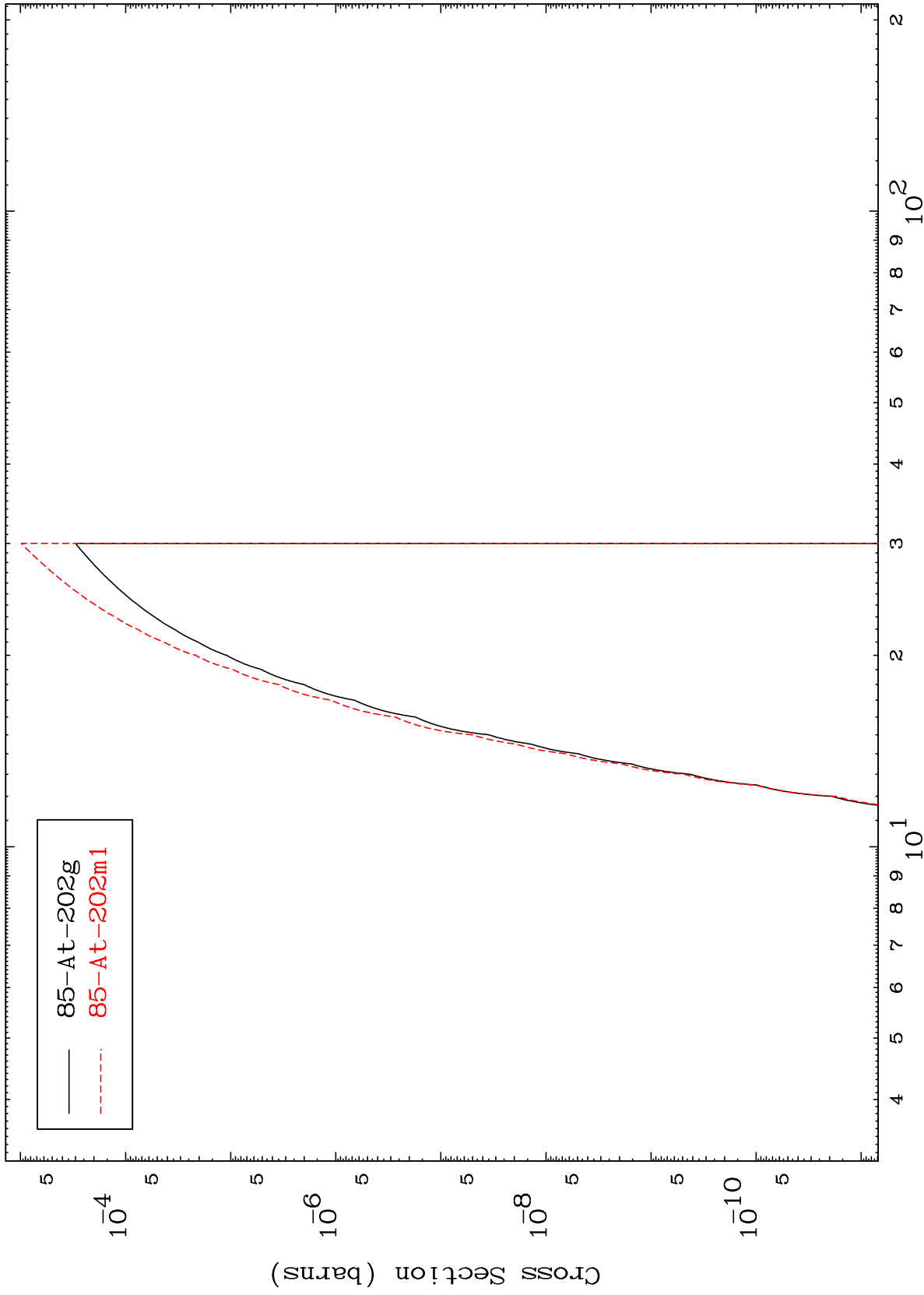
Incident Energy (MeV)

87-Fr-204

MAT 8701

87-Fr-204

(n,2n) p
Radionuclide Production Cross Section



110

Incident Energy (MeV)

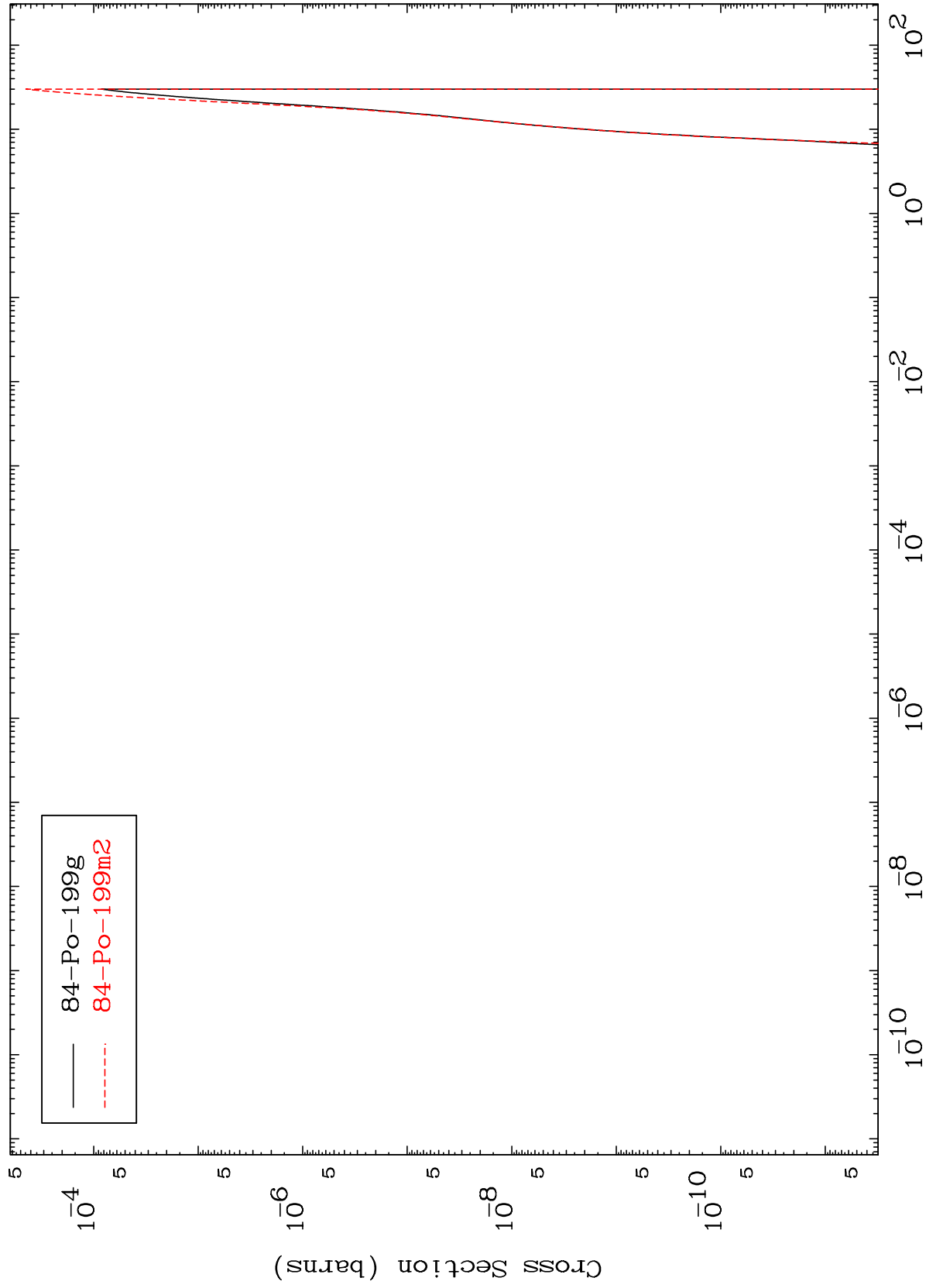
87-Fr-204

MAT 8701

(n,n') p α

87-Fr-204

Radionuclide Production Cross Section



111

Incident Energy (MeV)

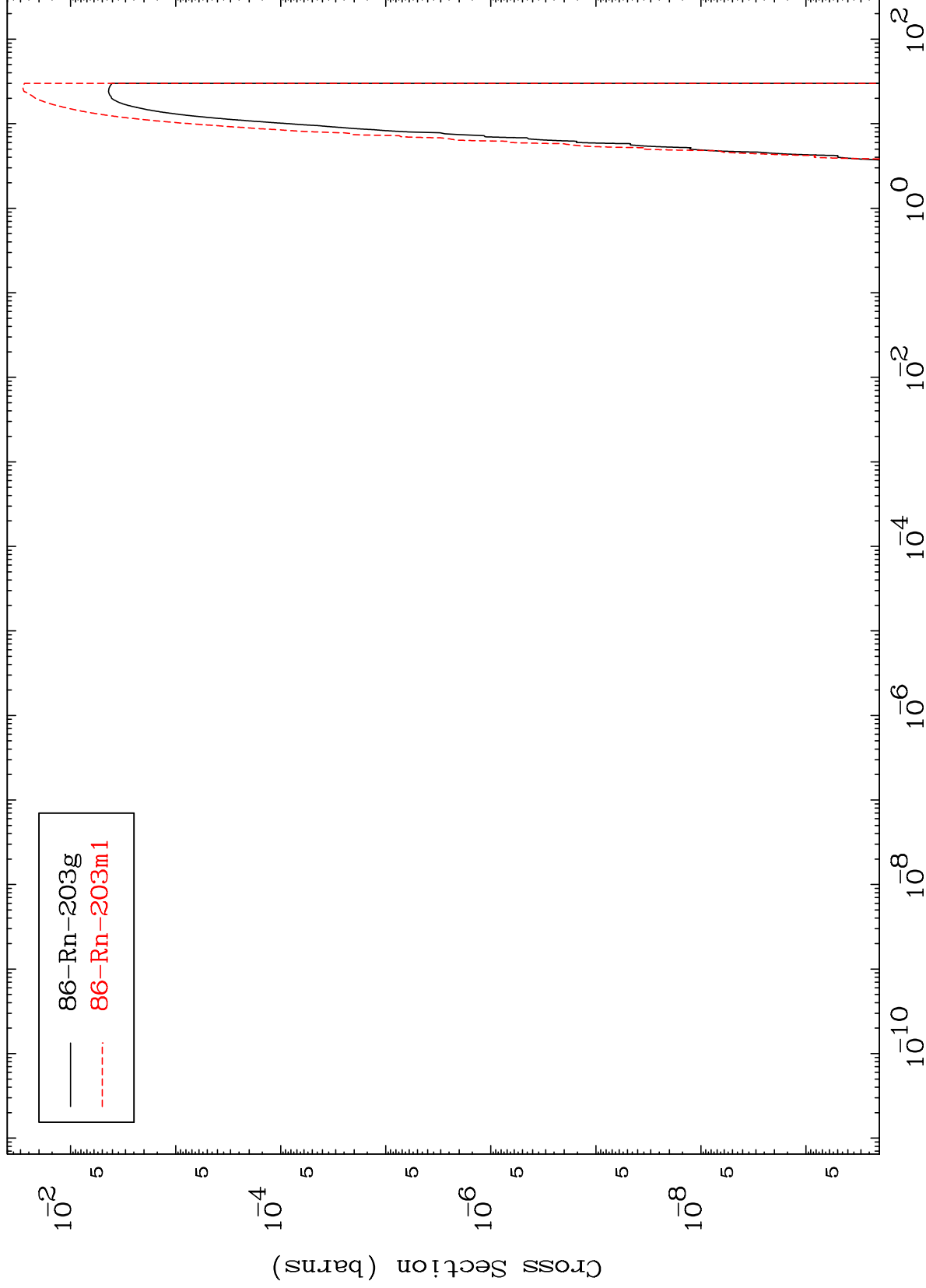
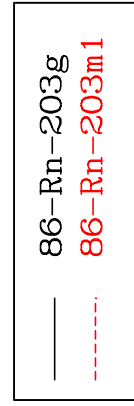
87-Fr-204

MAT 8701

(n,d)

Radionuclide Production Cross Section

87-Fr-204

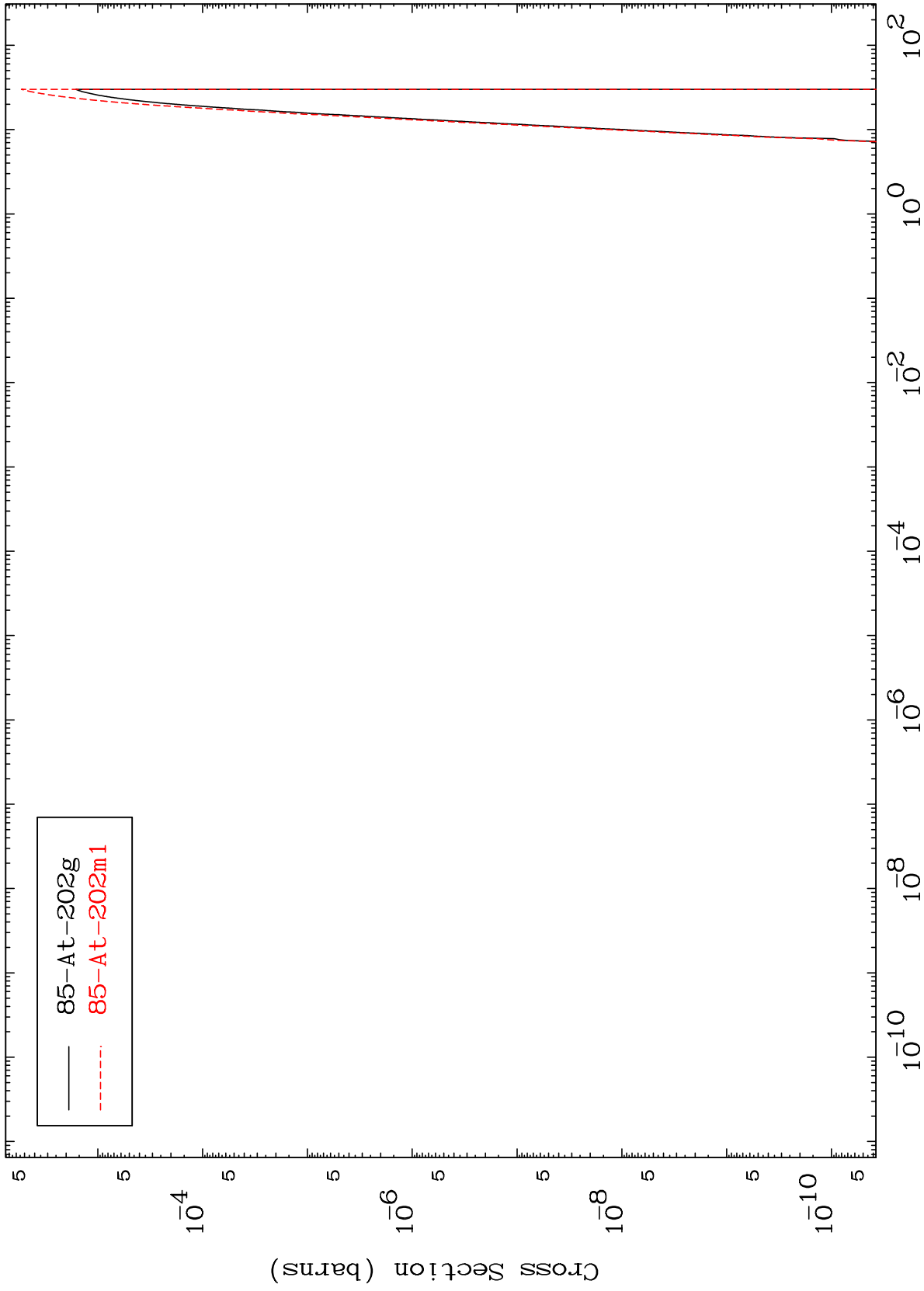


MAT 8701

(n,He-3)

87-Fr-204

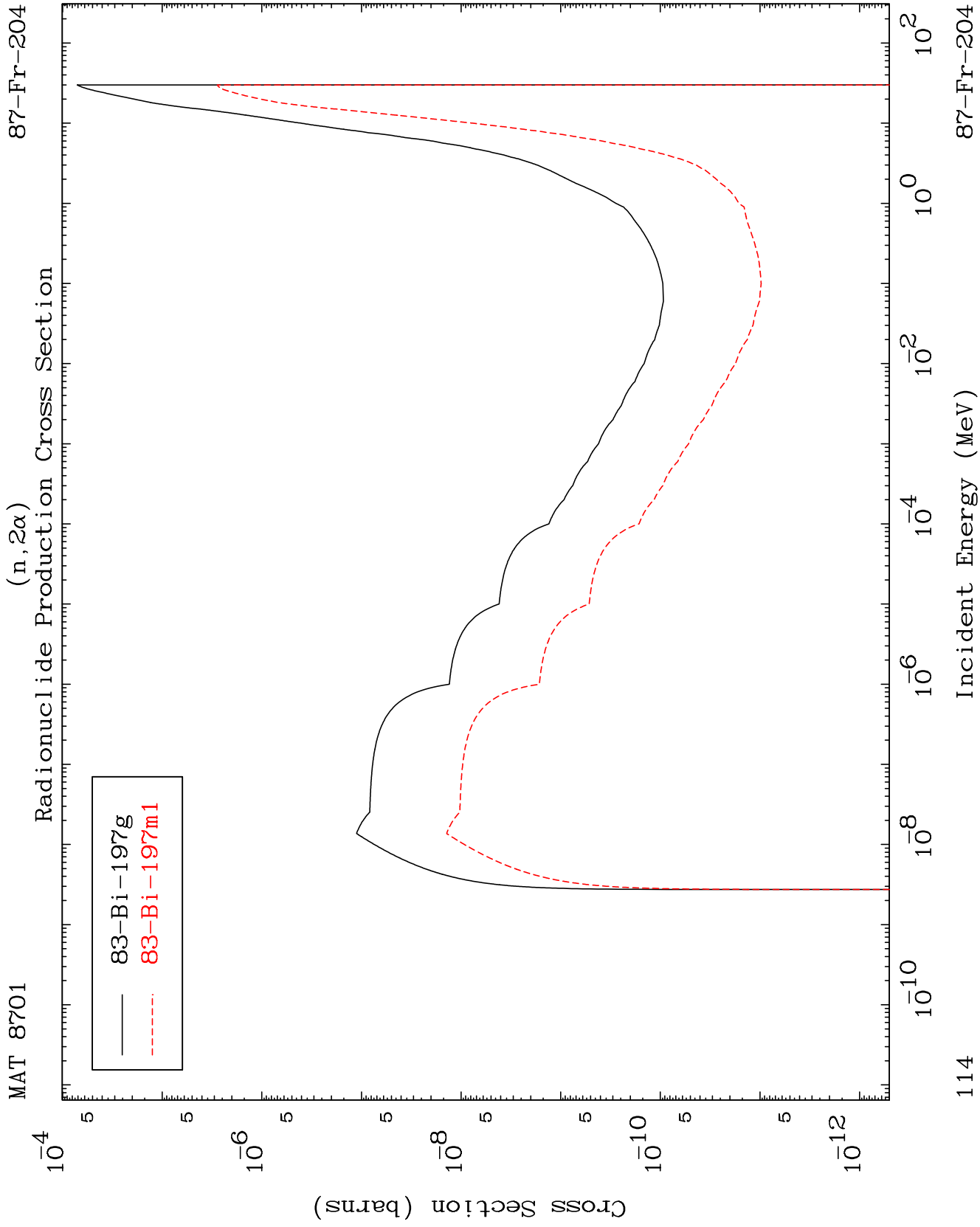
Radionuclide Production Cross Section



113

Incident Energy (MeV)

87-Fr-204

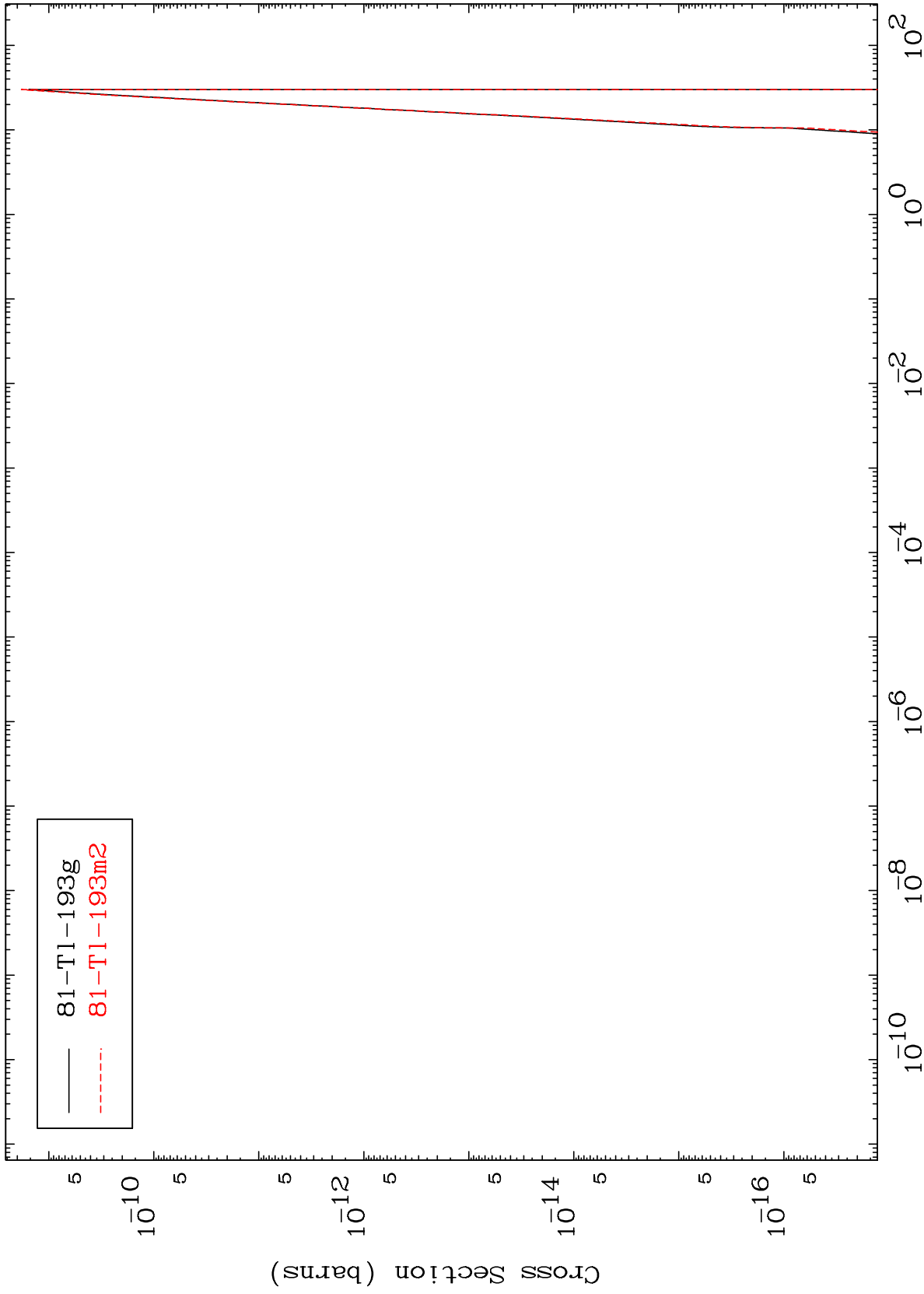


MAT 8701

(n,3α)

87-Fr-204

Radionuclide Production Cross Section

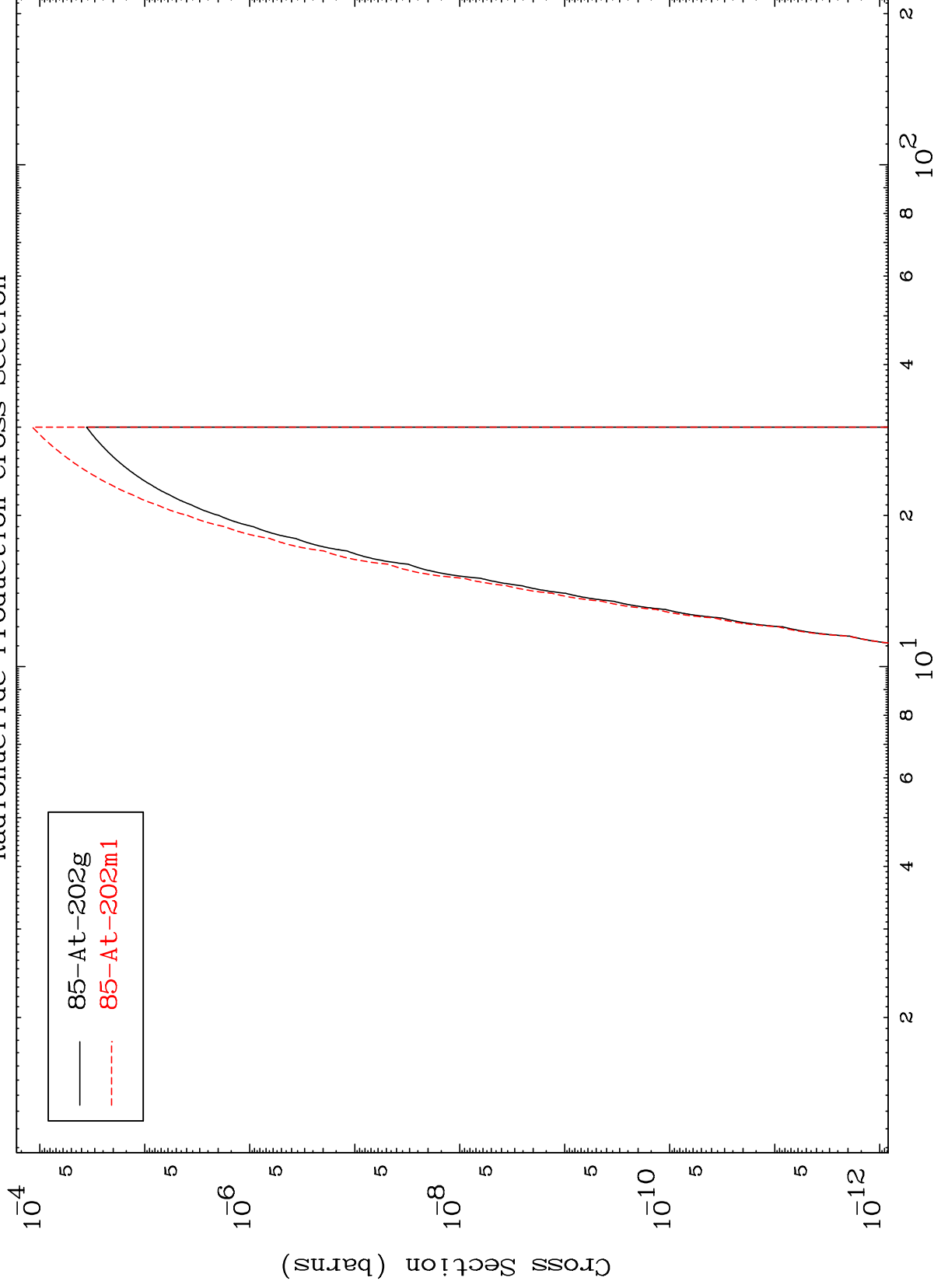


115

Incident Energy (MeV)

87-Fr-204

Radionuclide Production Cross Section

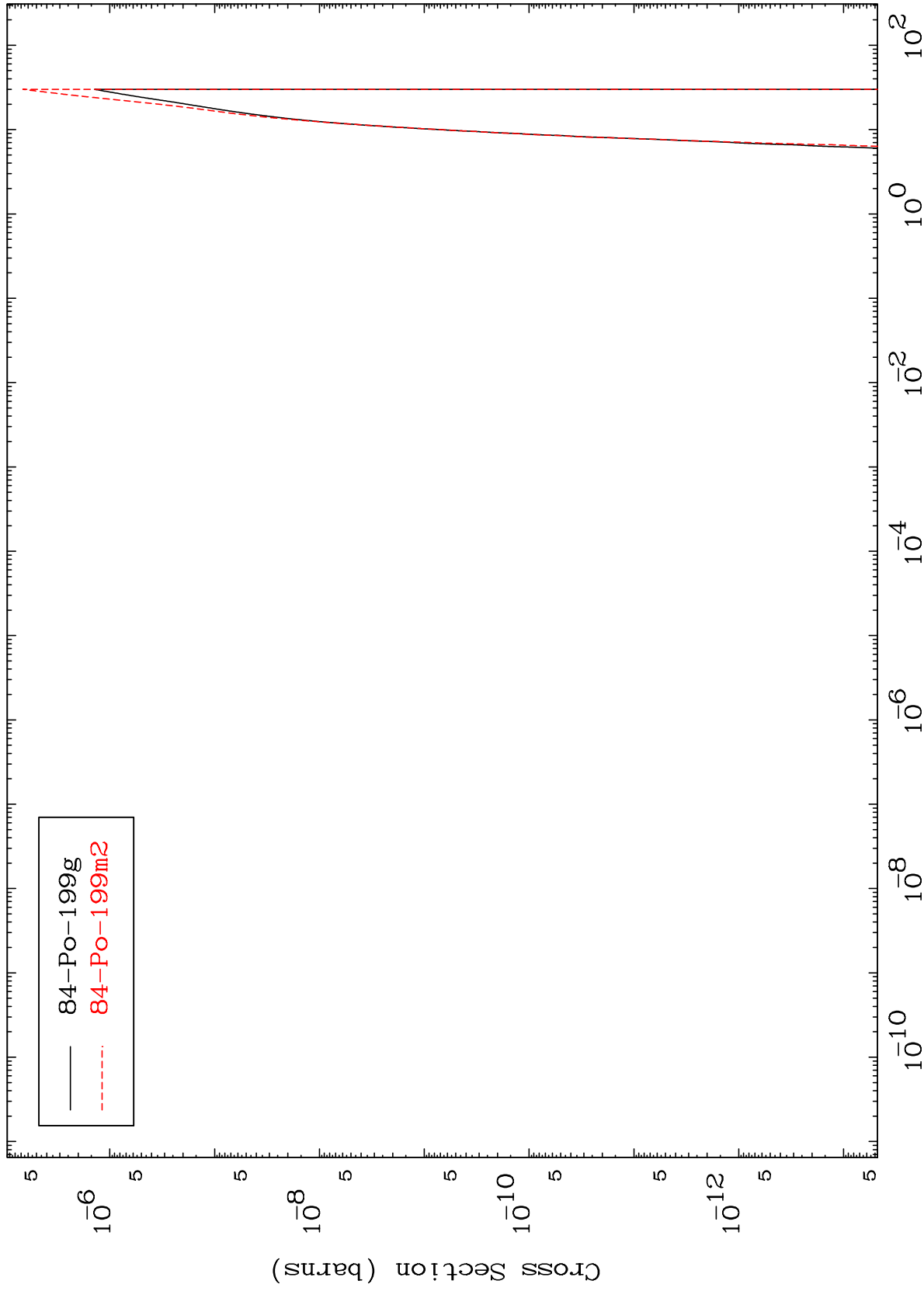


MAT 8701

(n,d) α

87-Fr-204

Radionuclide Production Cross Section



117

Incident Energy (MeV)

87-Fr-204