

Program EVALPLOT
(Version 2021-1)

by

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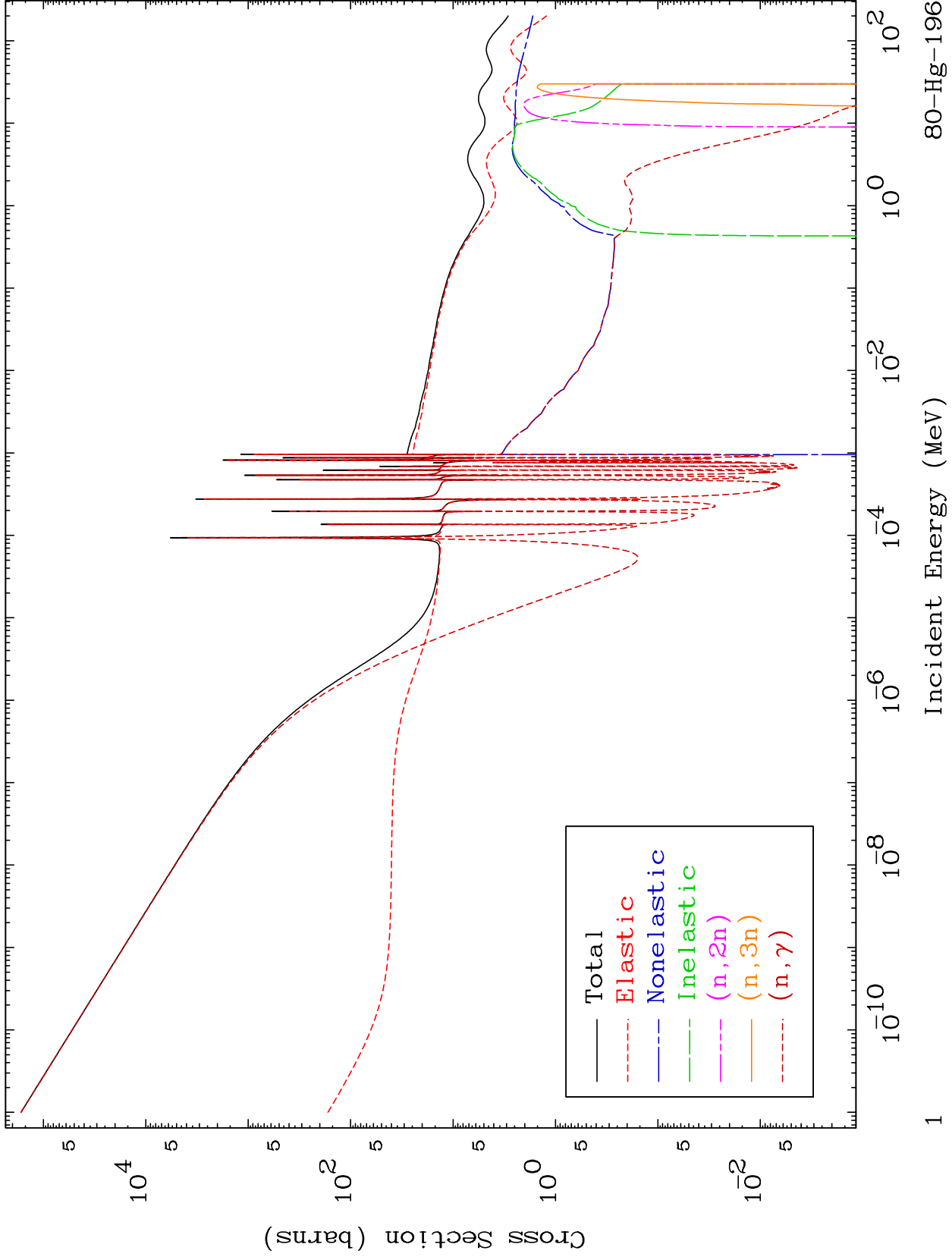
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8025

Neutron Major
293 Kelvin Cross Sections

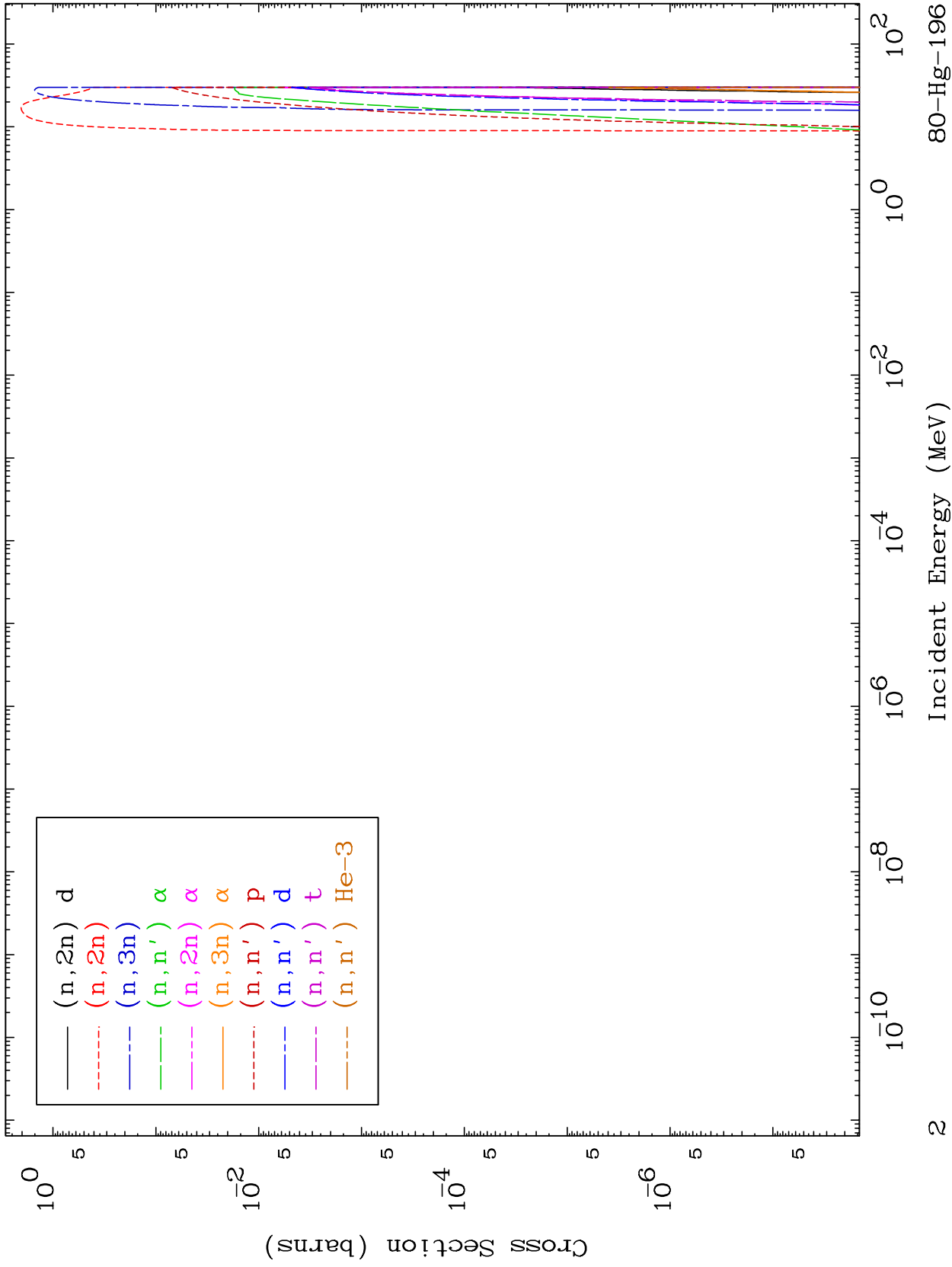
80-Hg-196



MAT 8025

Neutron Absorption
293 Kelvin Cross Sections

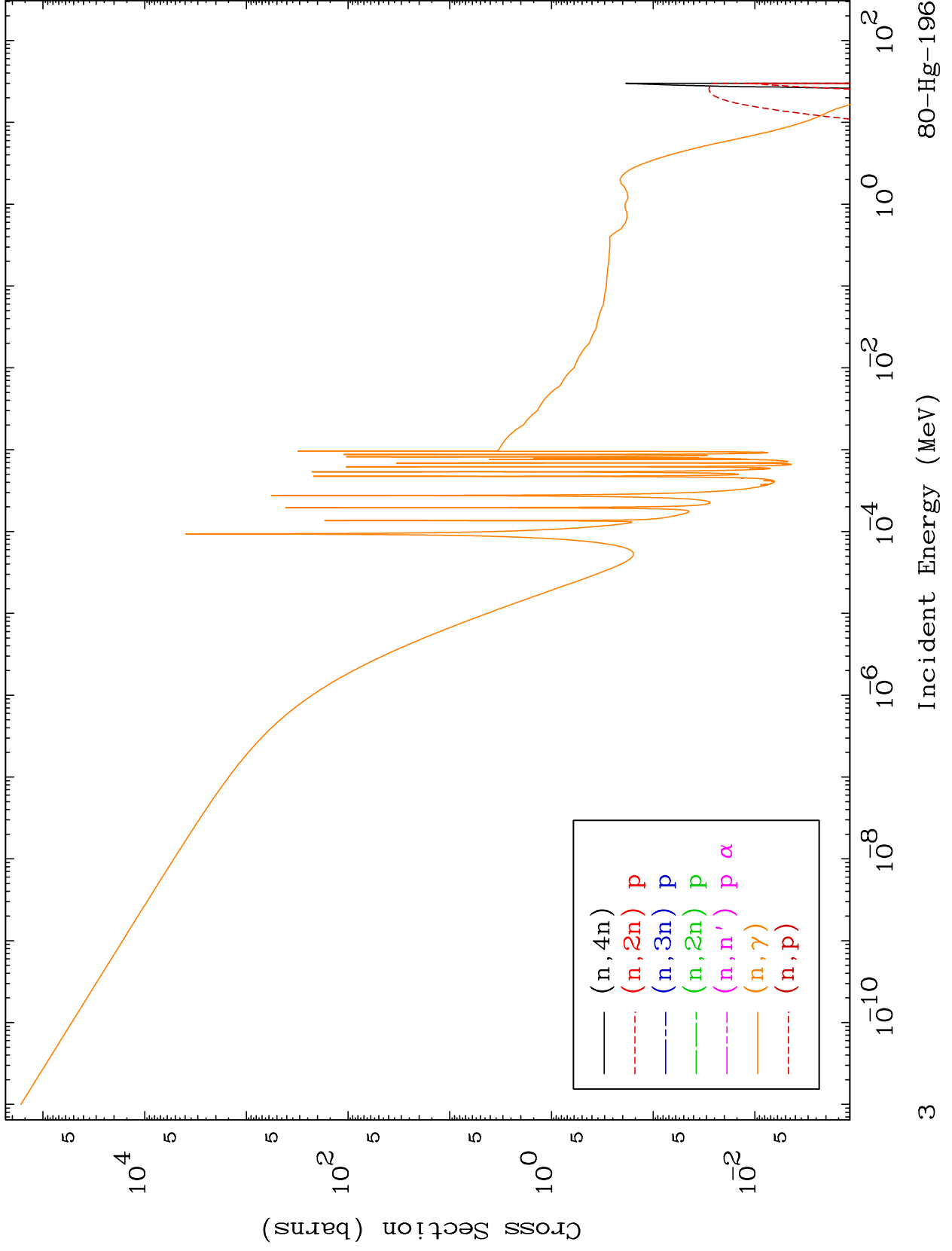
80-Hg-196

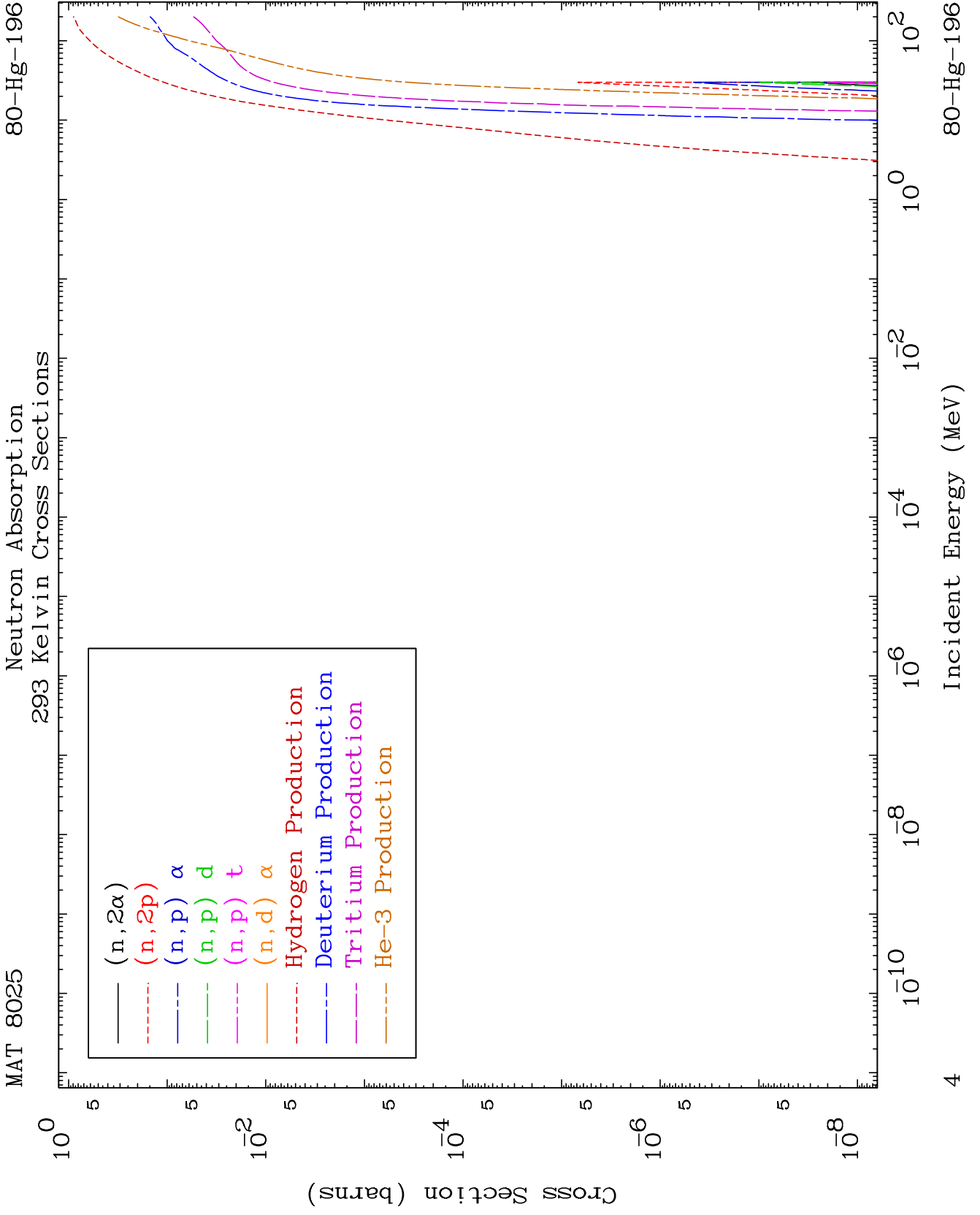


MAT 8025

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-196

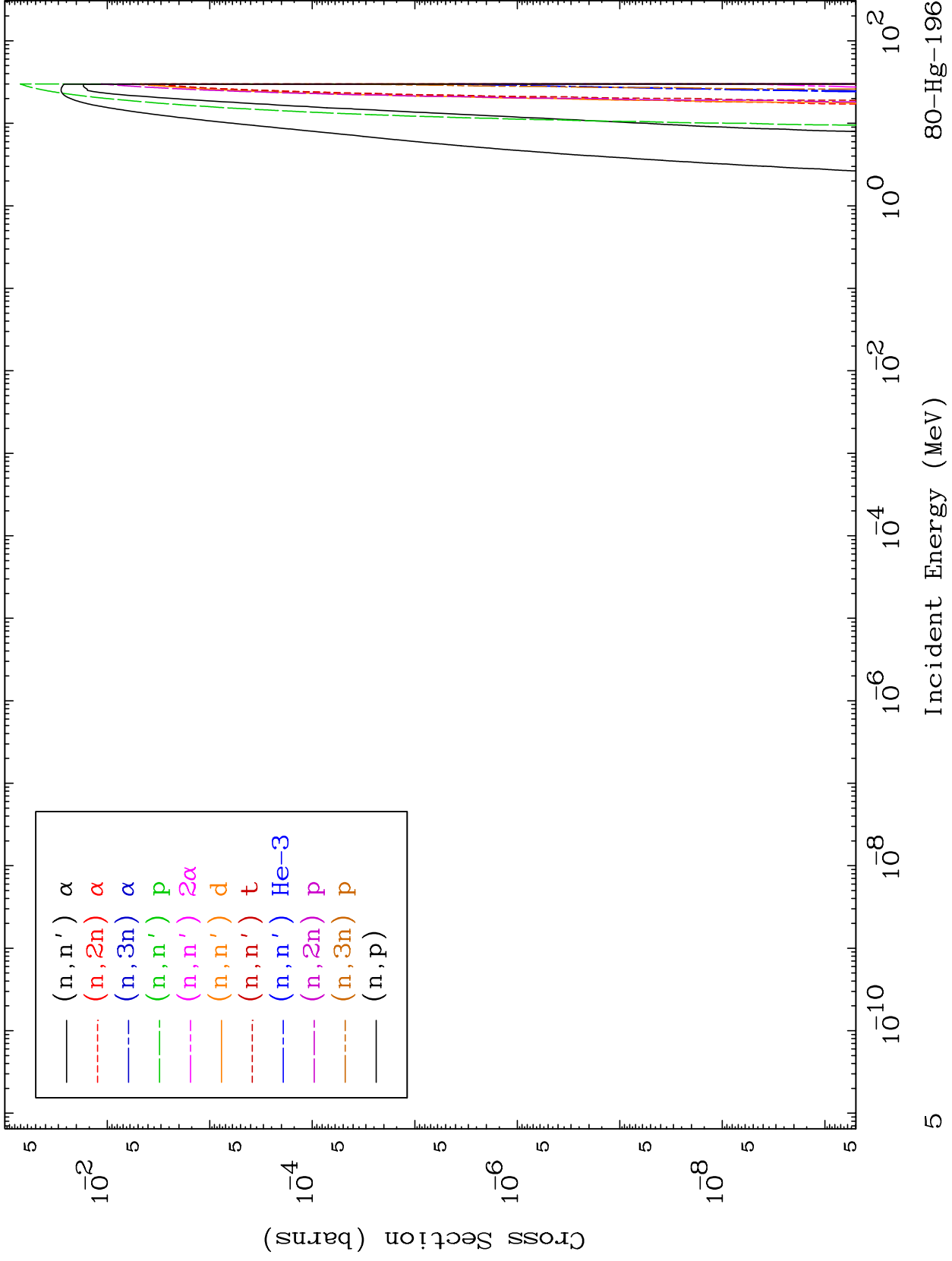




MAT 8025

Charged Particle
293 Kelvin Cross Sections

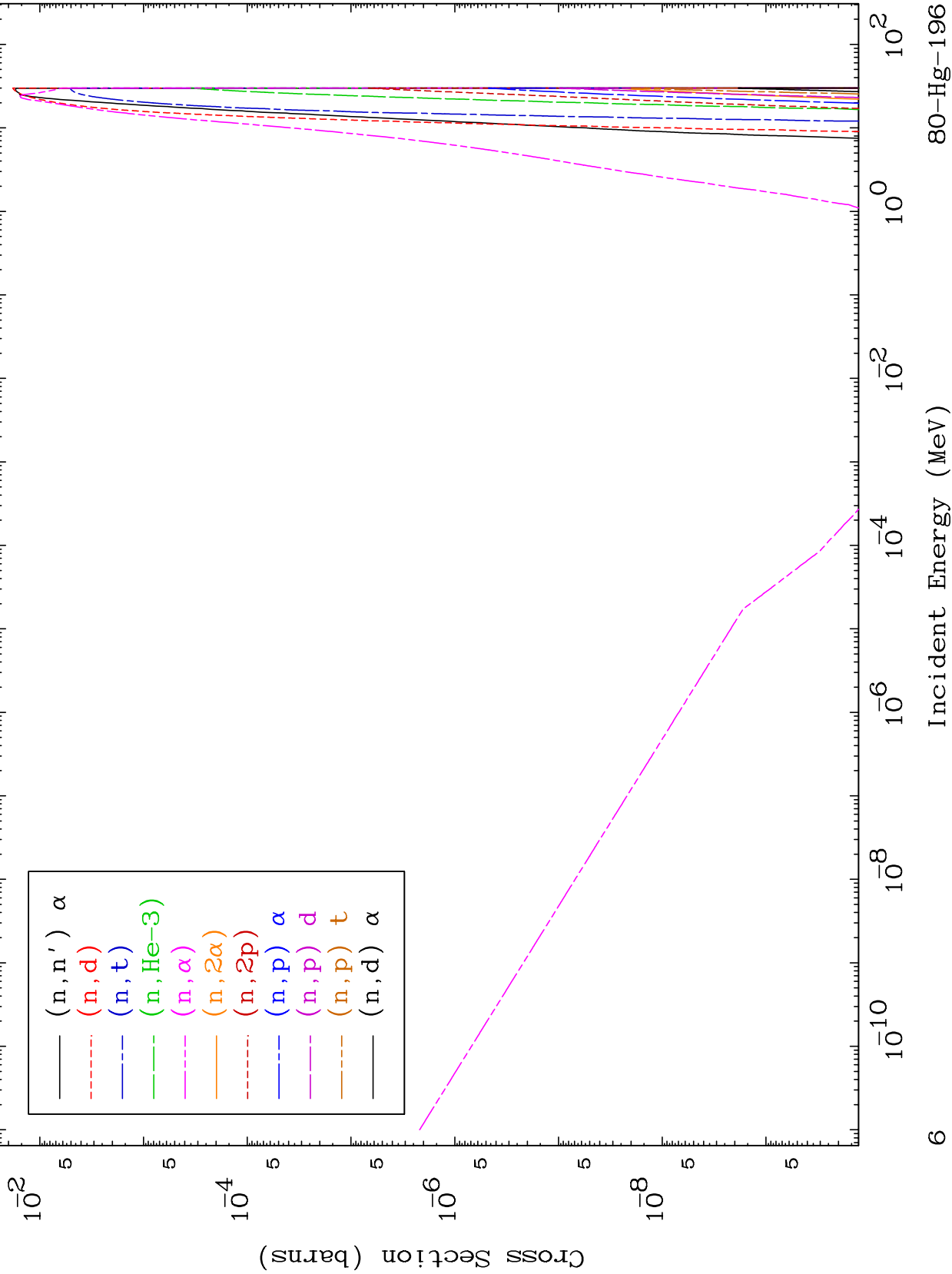
80-Hg-196

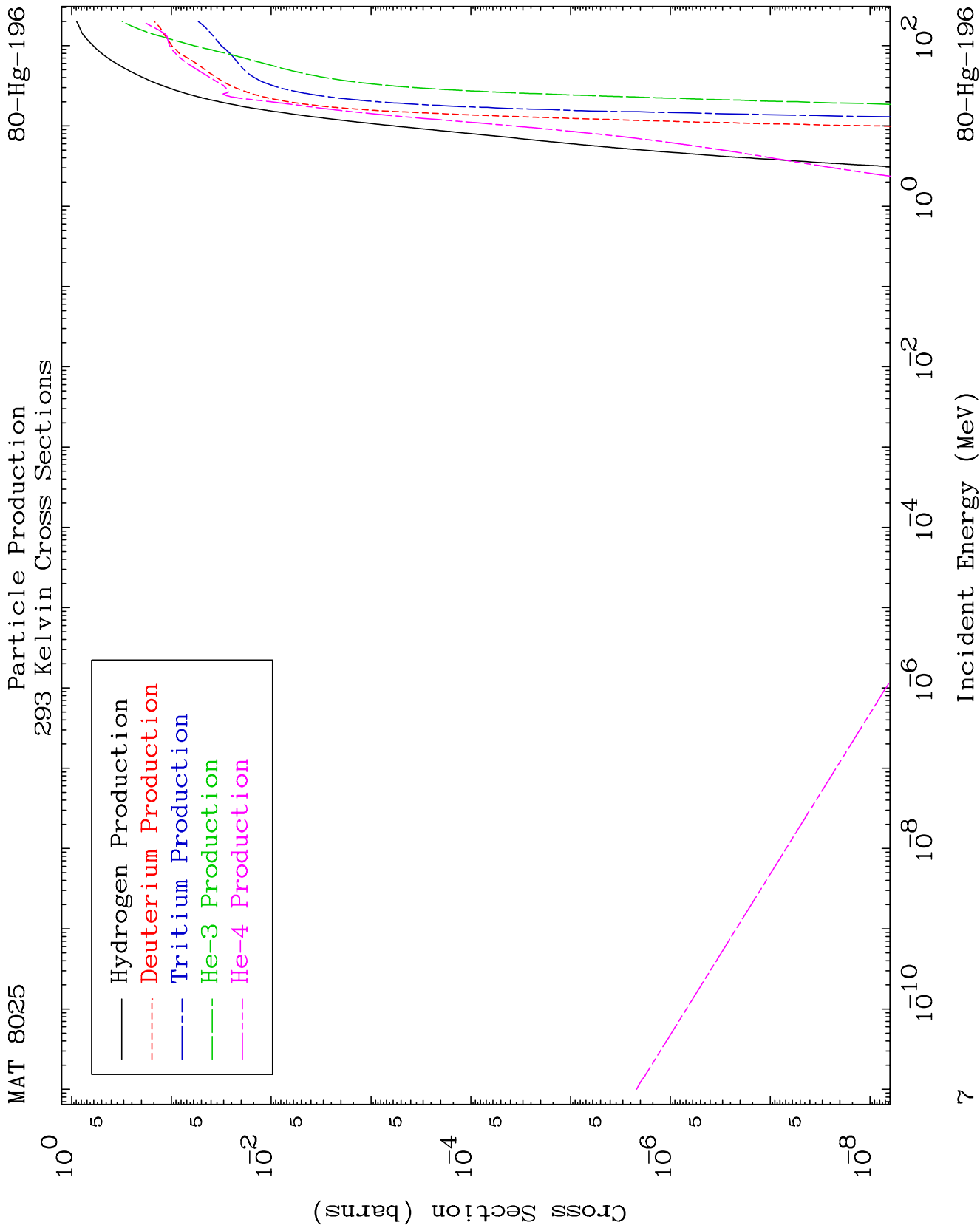


MAT 8025

Charged Particle
293 Kelvin Cross Sections

80-Hg-196



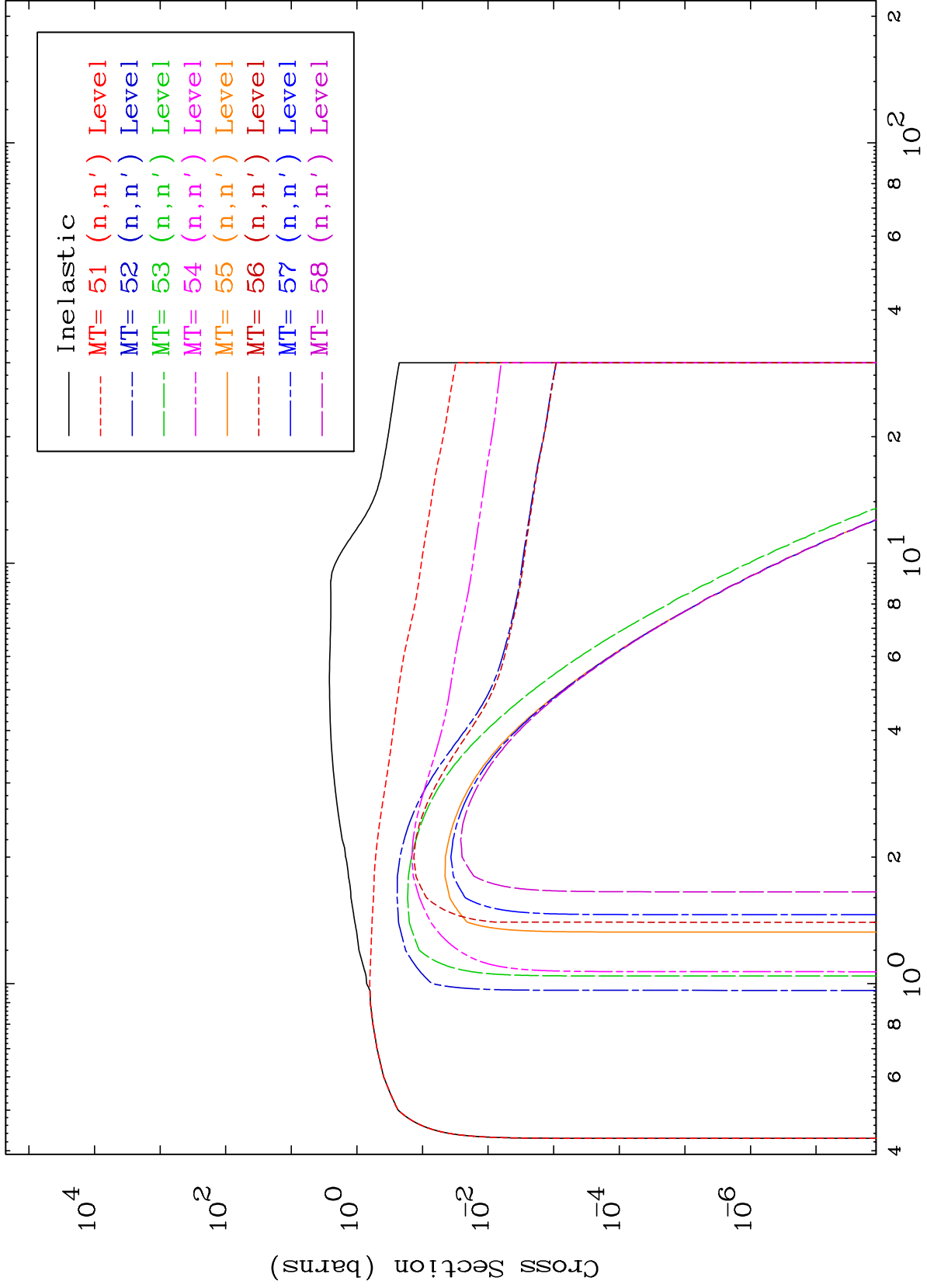


MAT 8025

(n,n') Levels

80-Hg-196

293 Kelvin Cross Sections



8

Incident Energy (MeV)

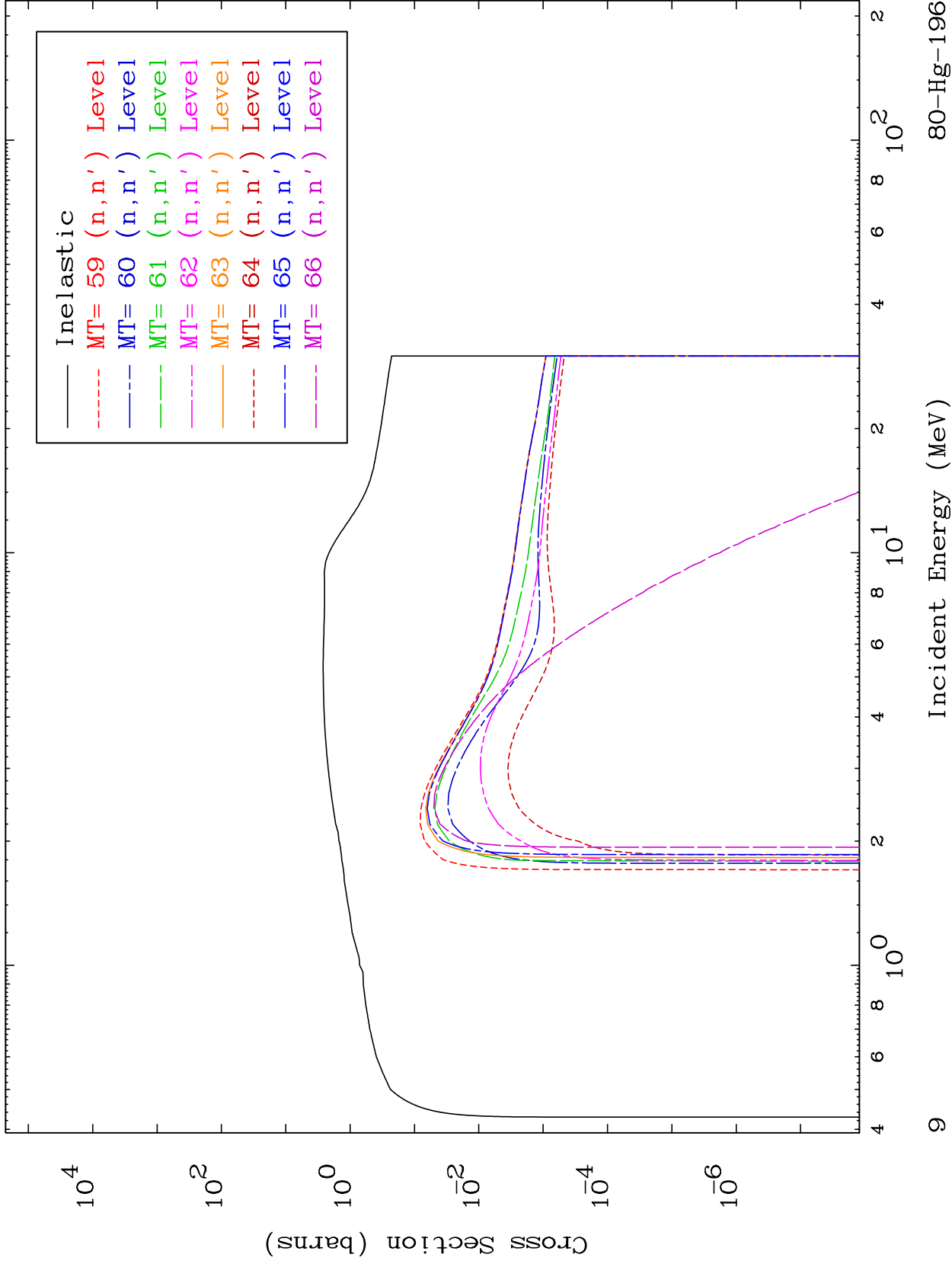
80-Hg-196

MAT 8025

(n,n') Levels

80-Hg-196

293 Kelvin Cross Sections

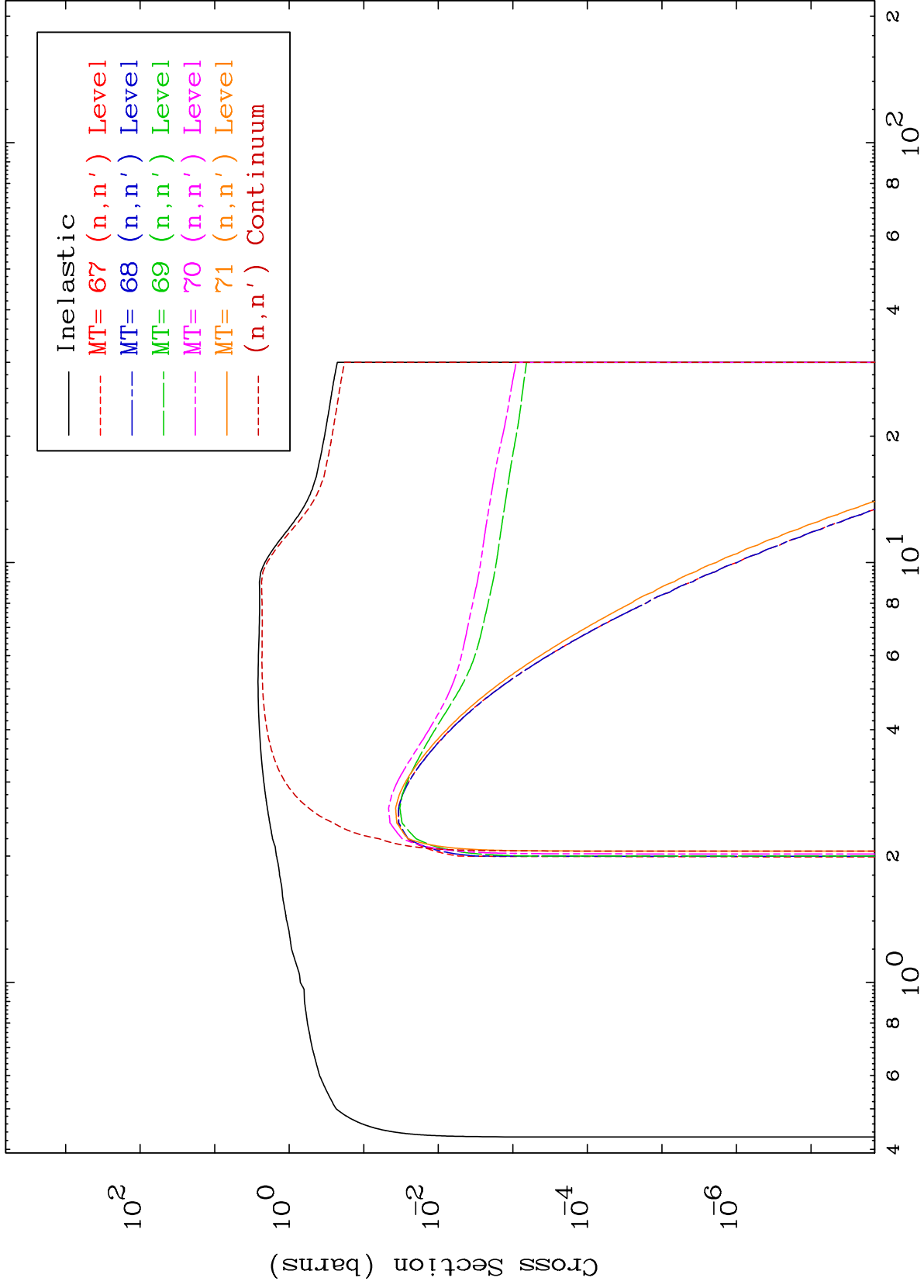


MAT 8025

(n,n') Levels

80-Hg-196

293 Kelvin Cross Sections



10

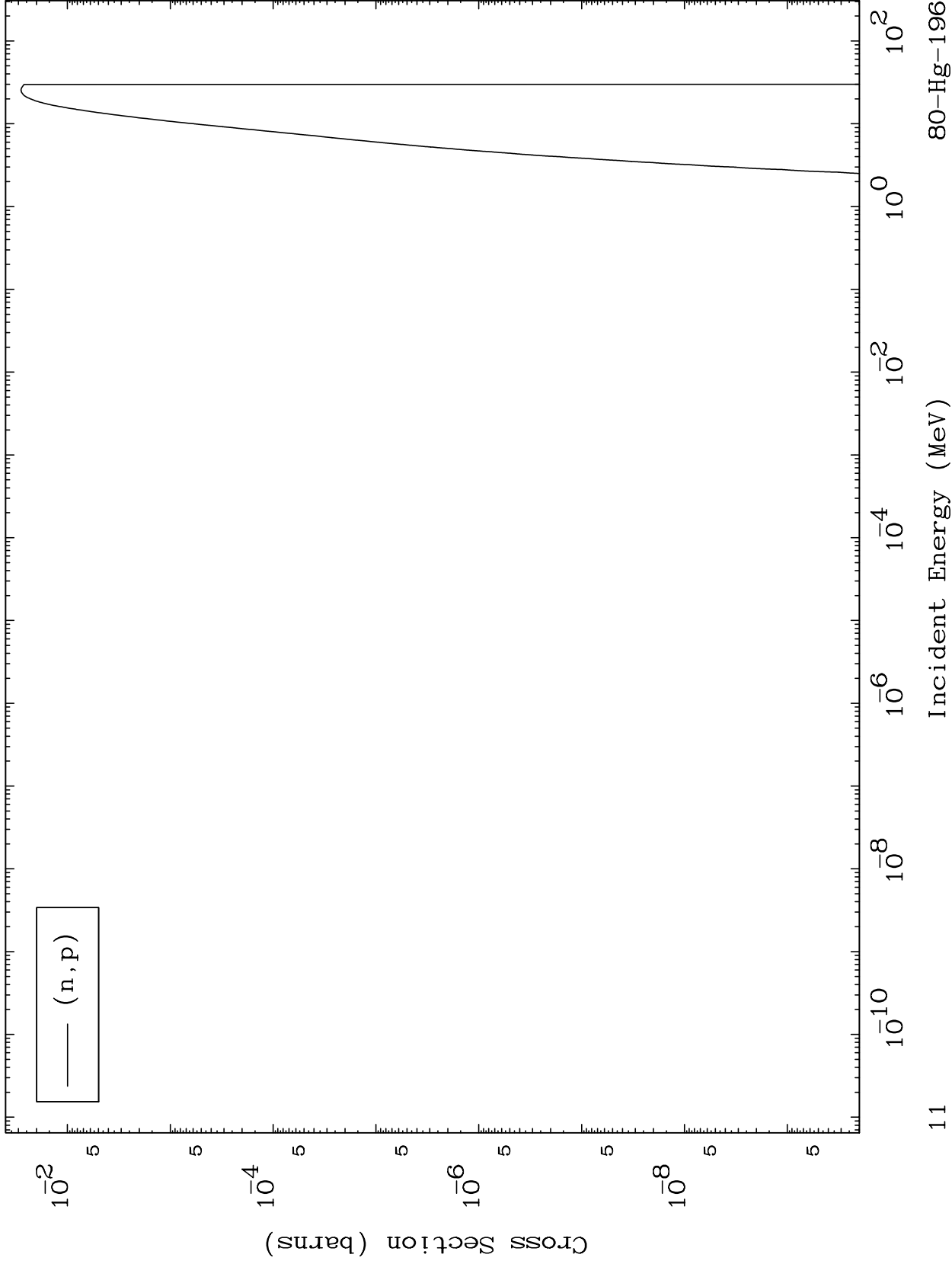
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,p) Levels
293 Kelvin Cross Sections

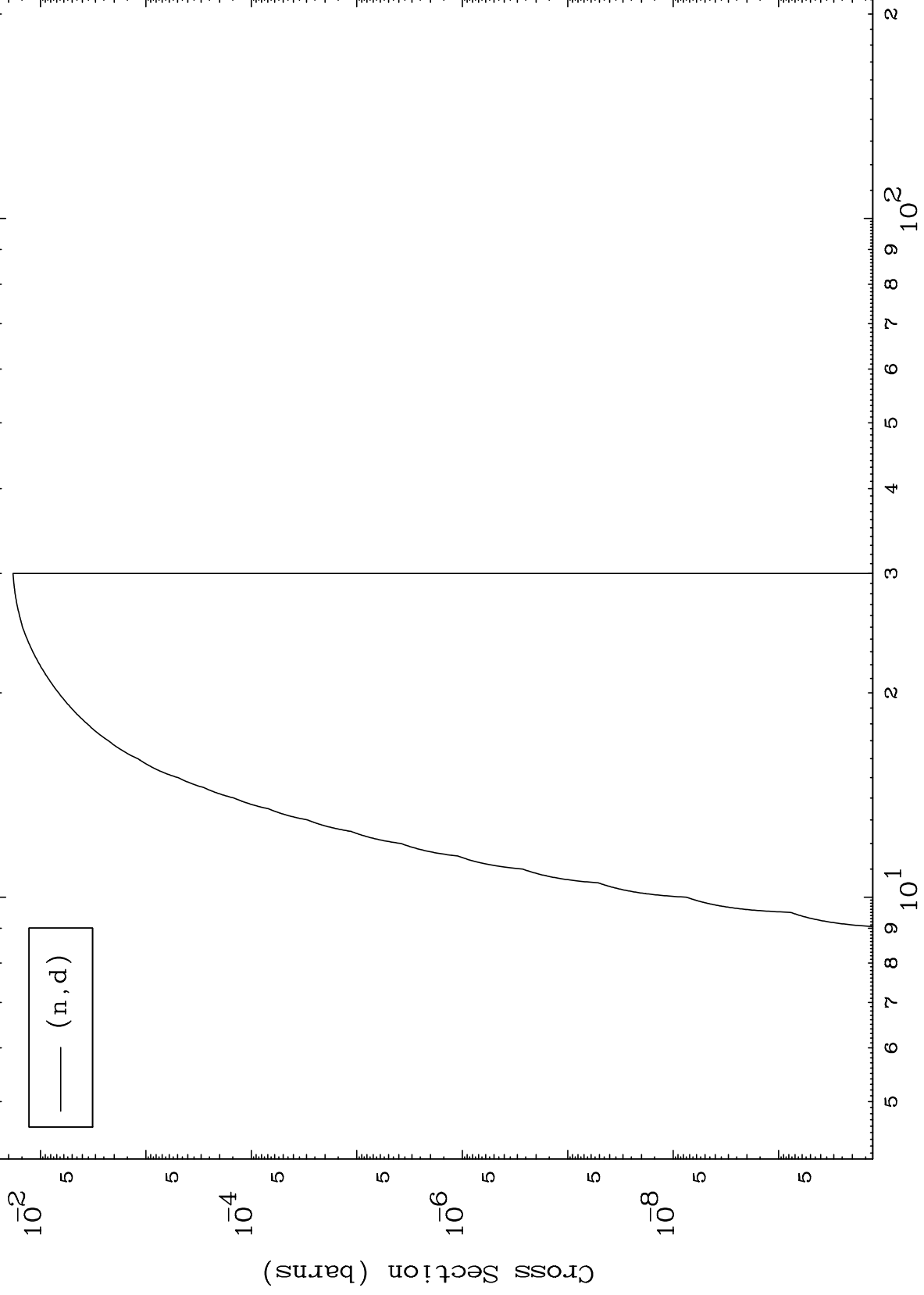
80-Hg-196



MAT 8025

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-196



12

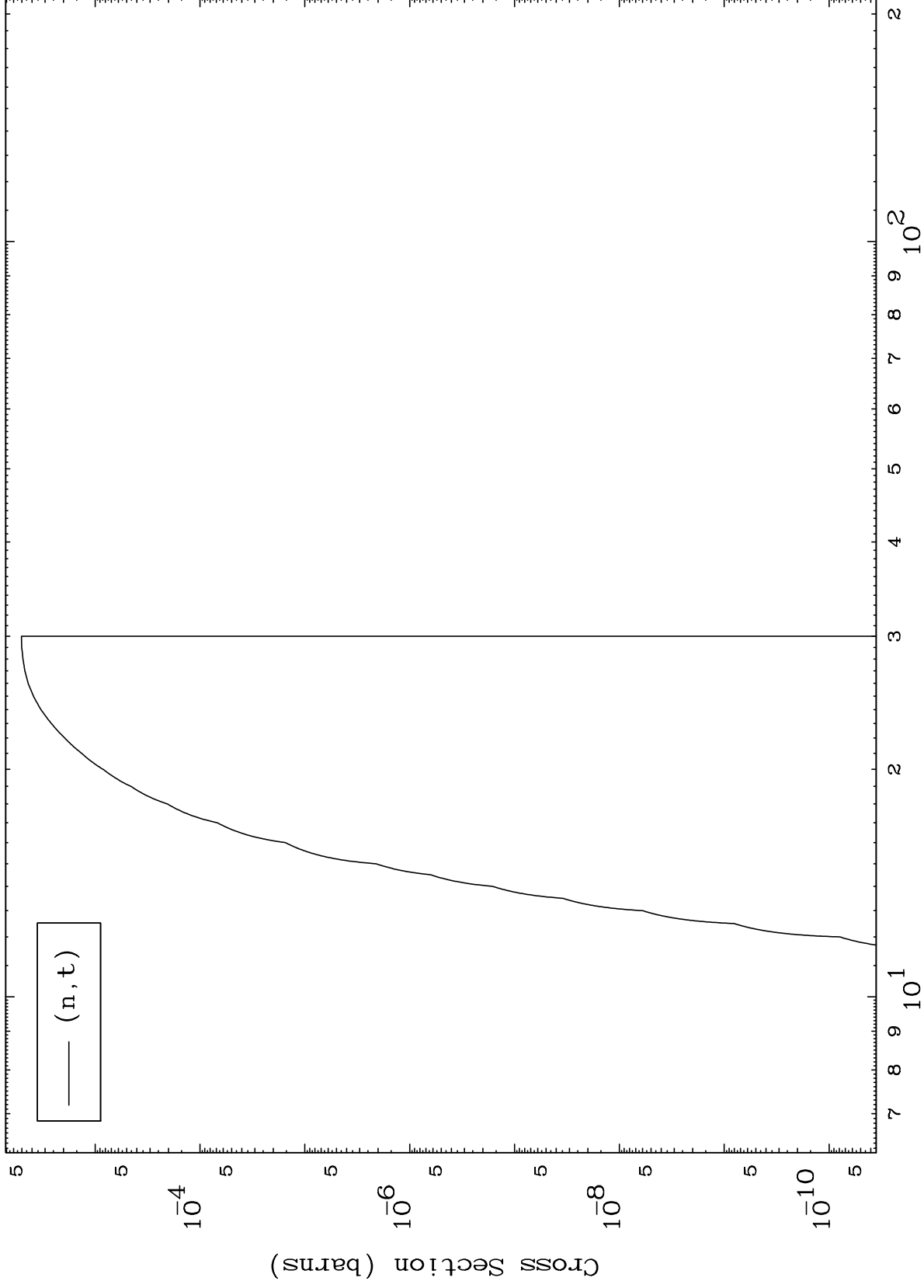
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-196



13

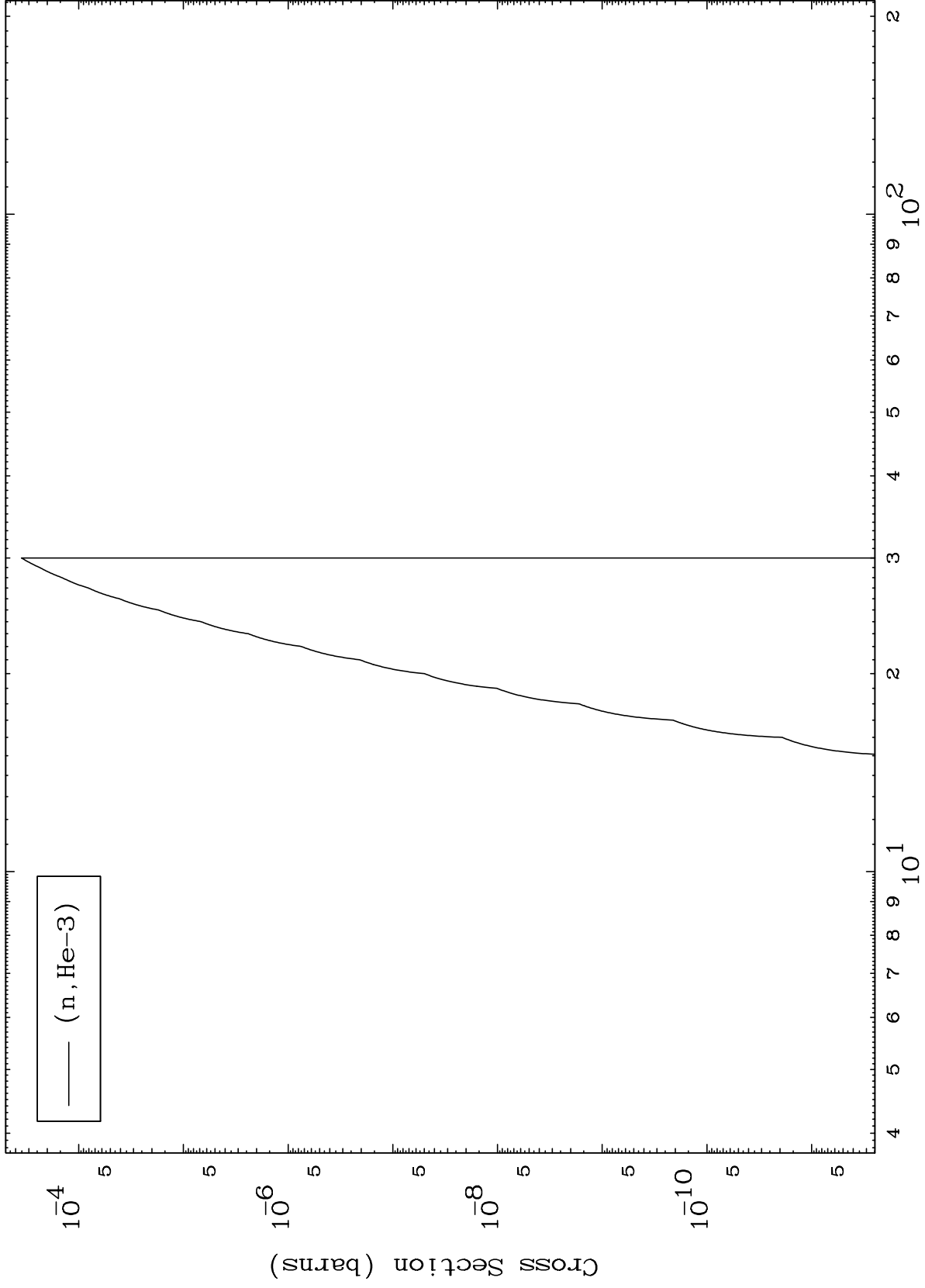
Incident Energy (MeV)

80-Hg-196

MAT 8025

(n,He3) Levels
293 Kelvin Cross Sections

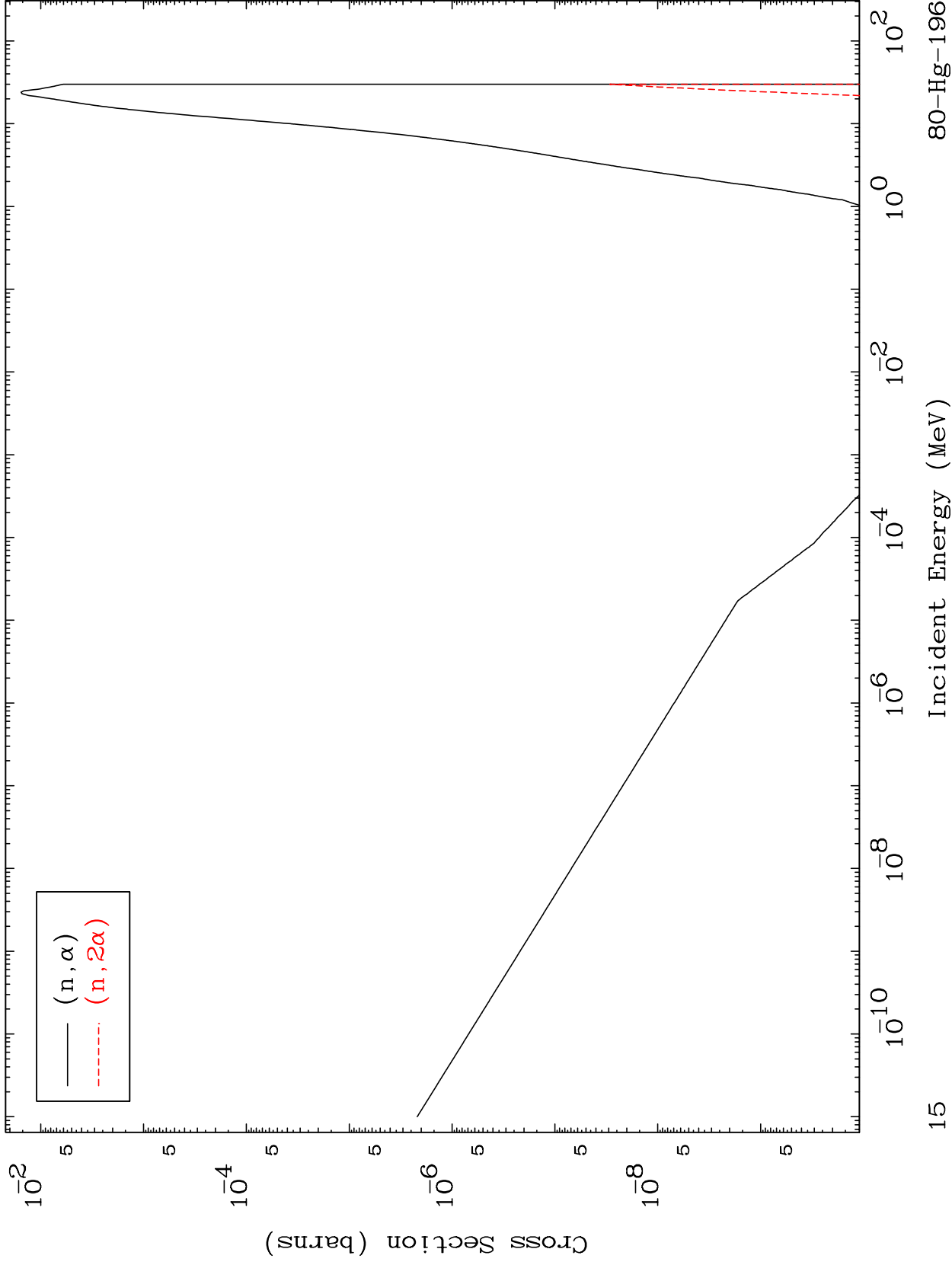
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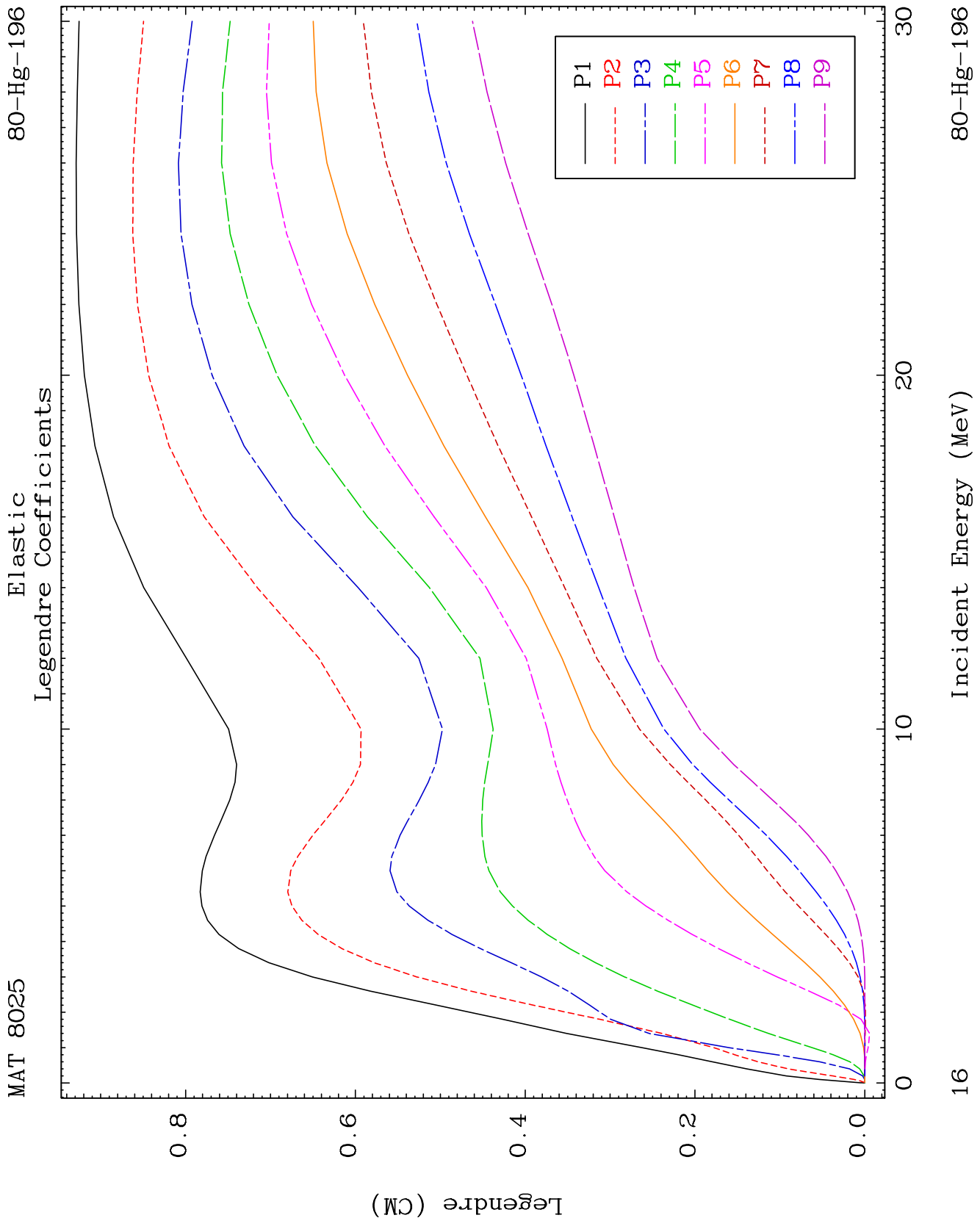
MAT 8025

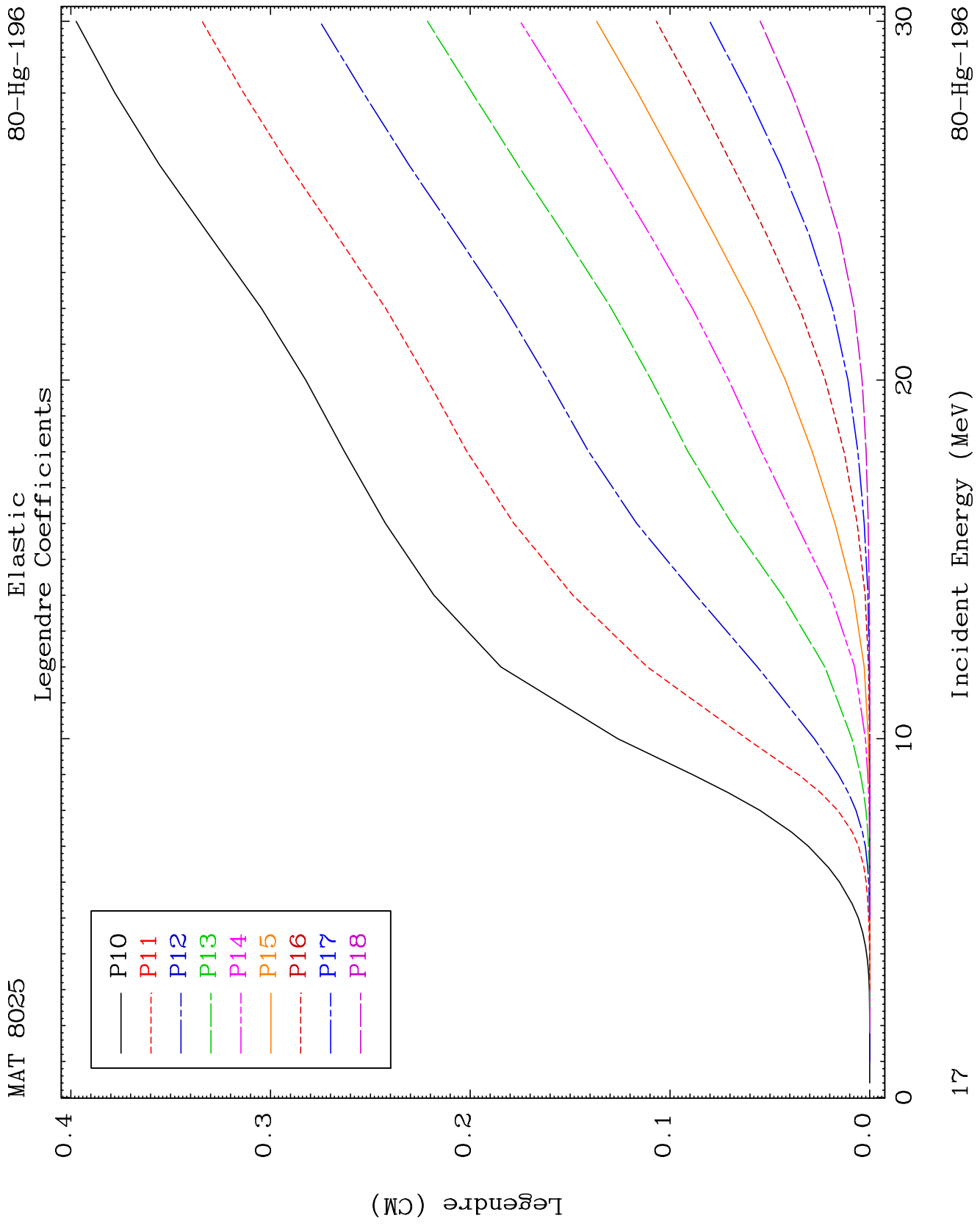
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-196



15

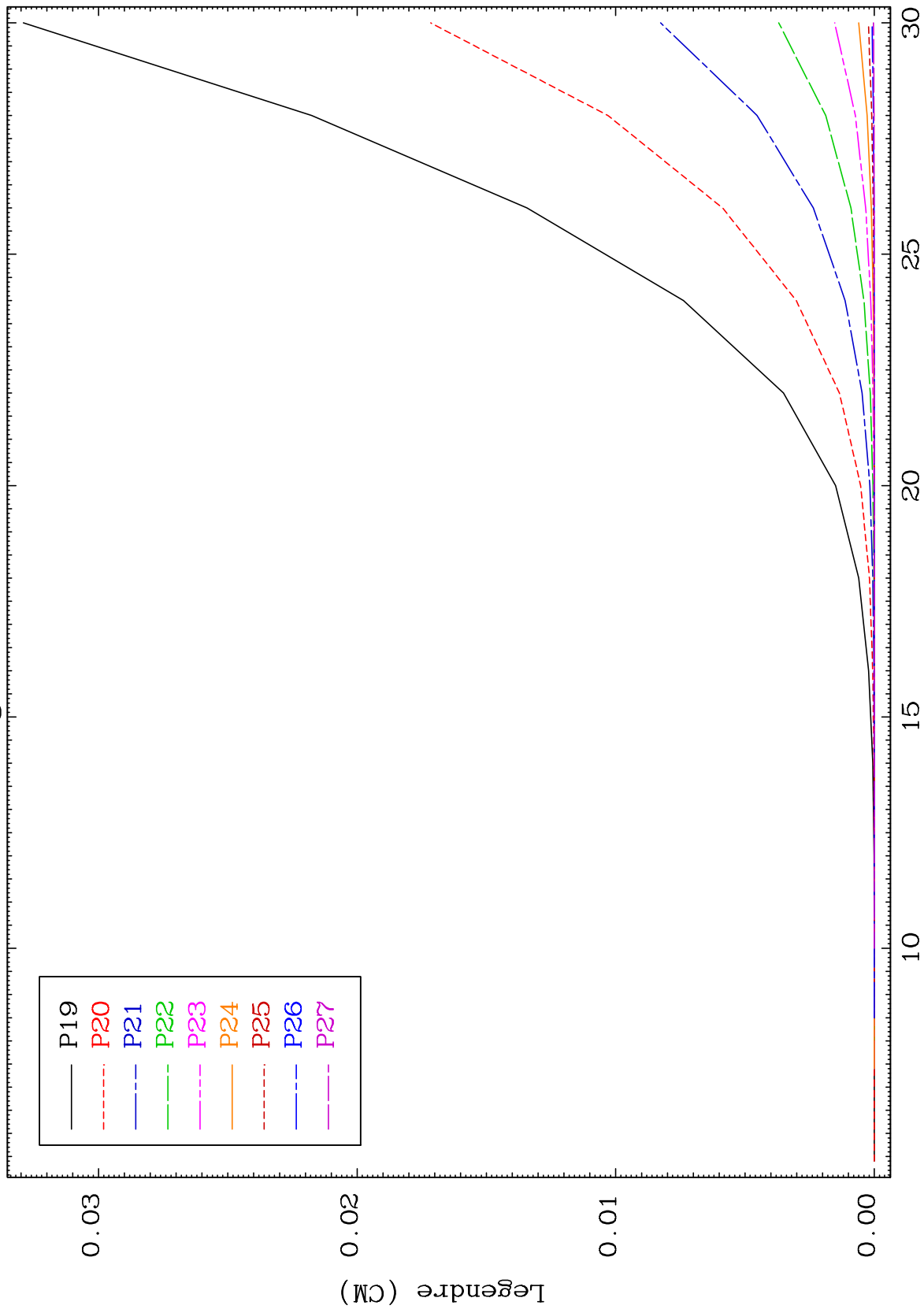




MAT 8025

Elastic Legendre Coefficients

80-Hg-196



18

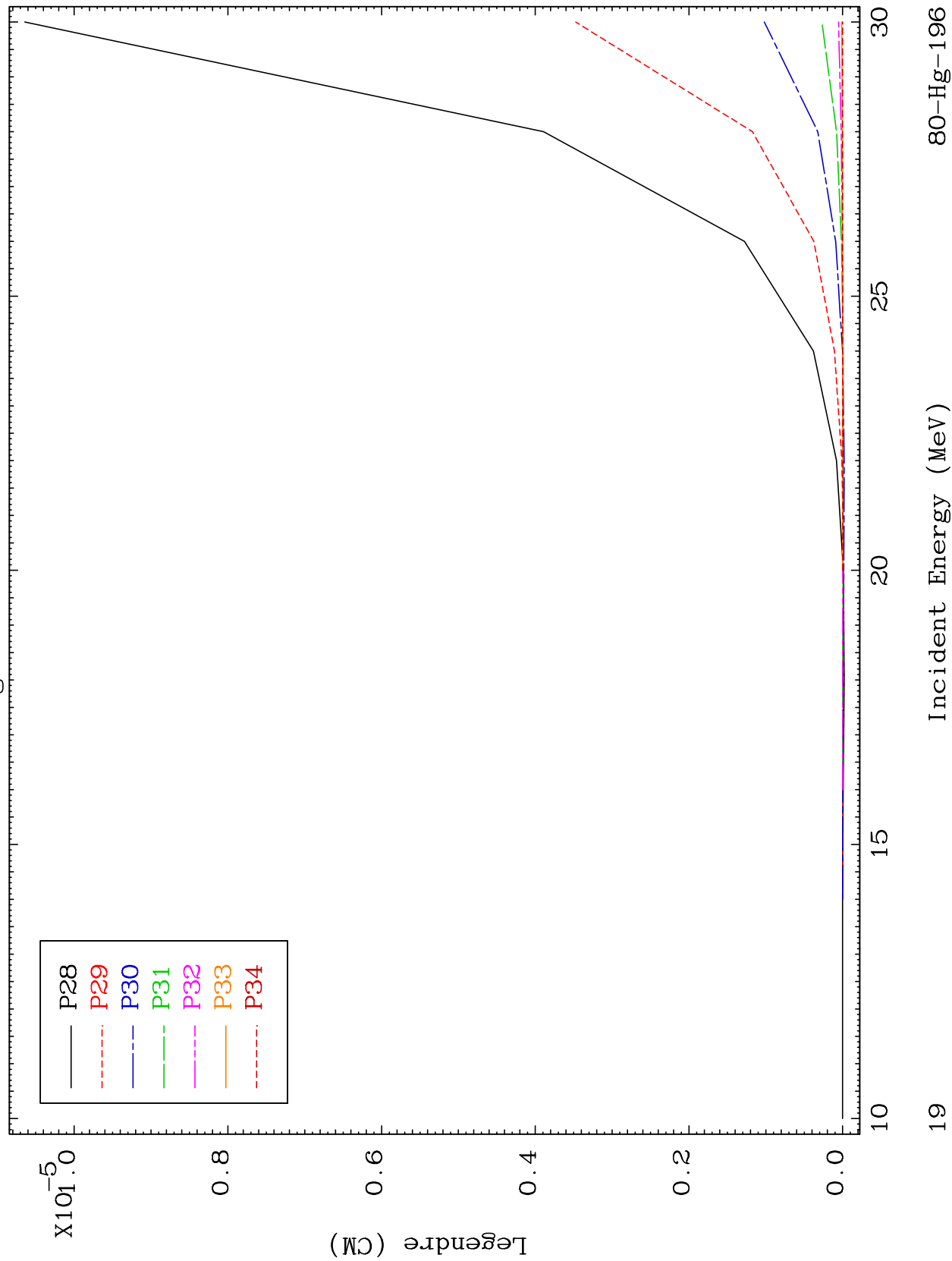
Incident Energy (MeV)

80-Hg-196

MAT 8025

Elastic
Legendre Coefficients

80-Hg-196



19

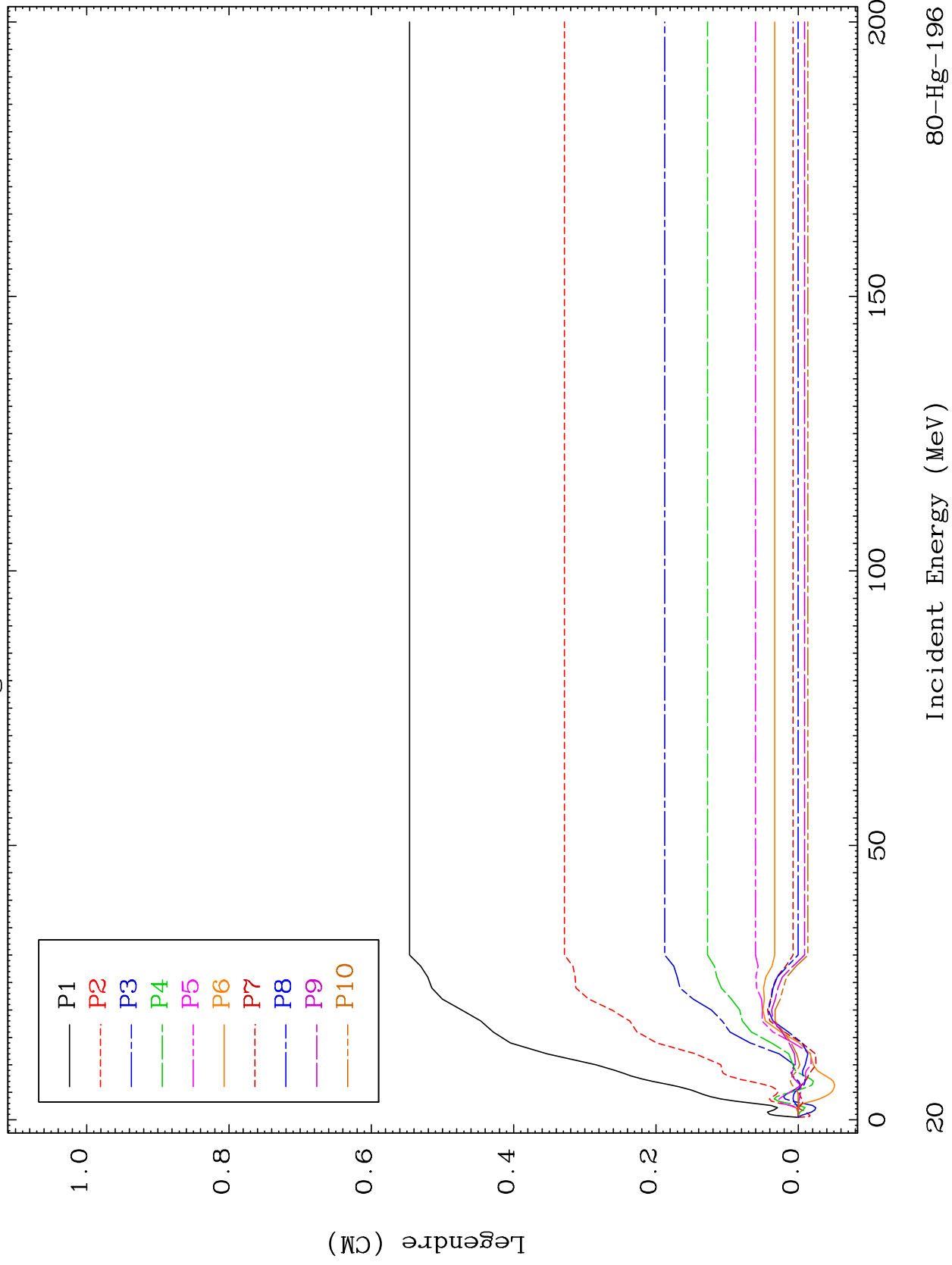
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

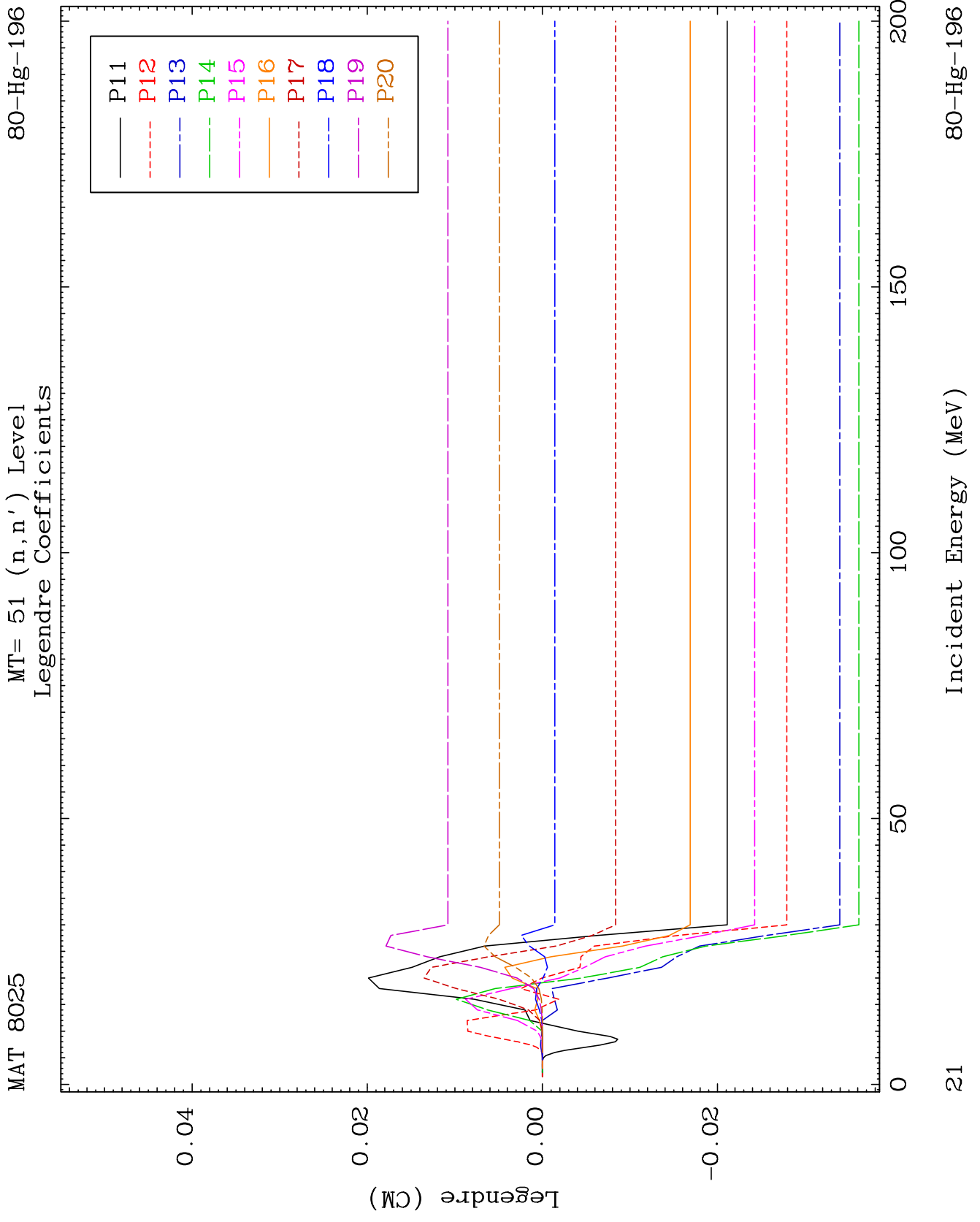
80-Hg-196



80-Hg-196

Incident Energy (MeV)

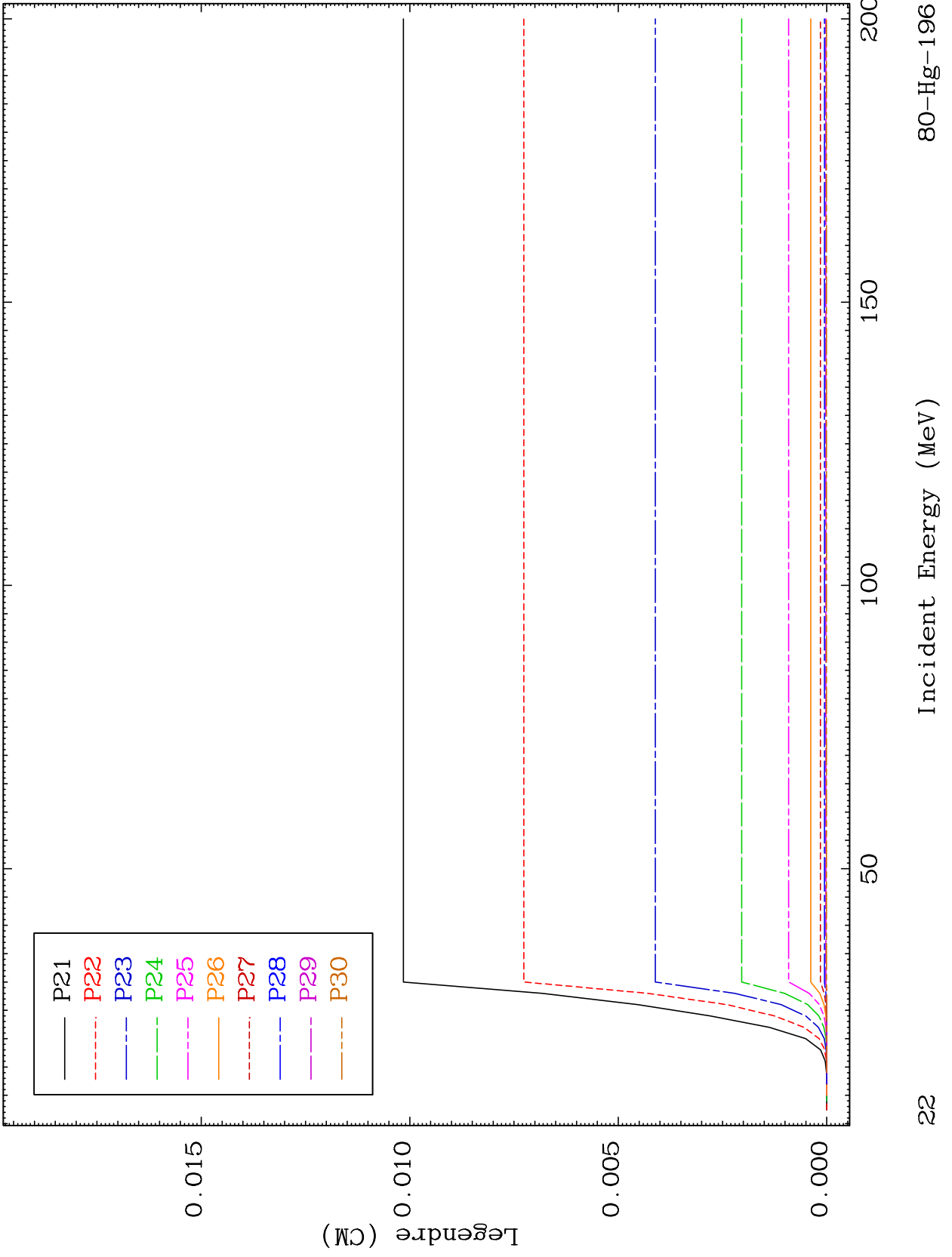
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MAT 8025

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

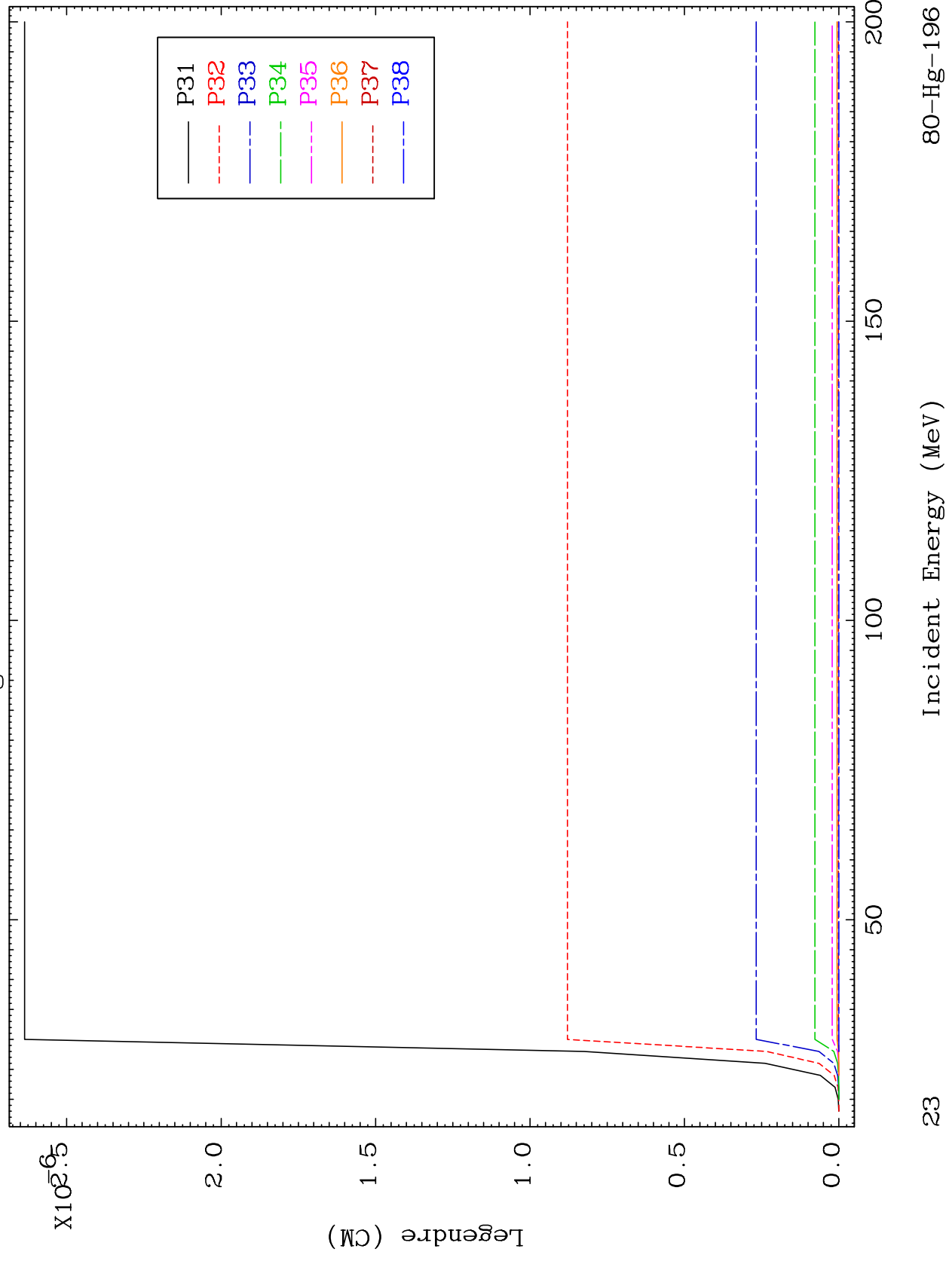
80-Hg-196



22

Incident Energy (MeV)

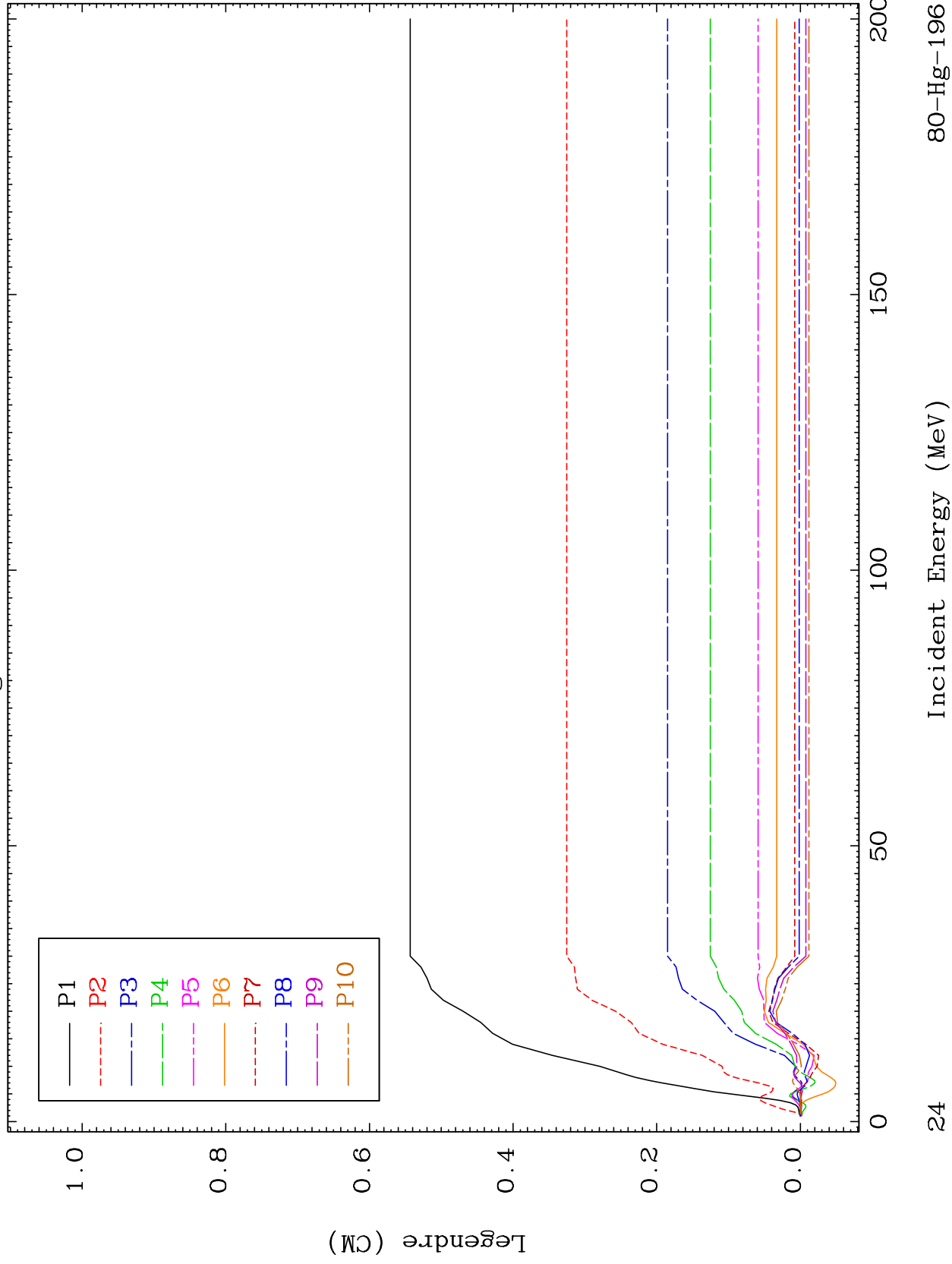
80-Hg-196



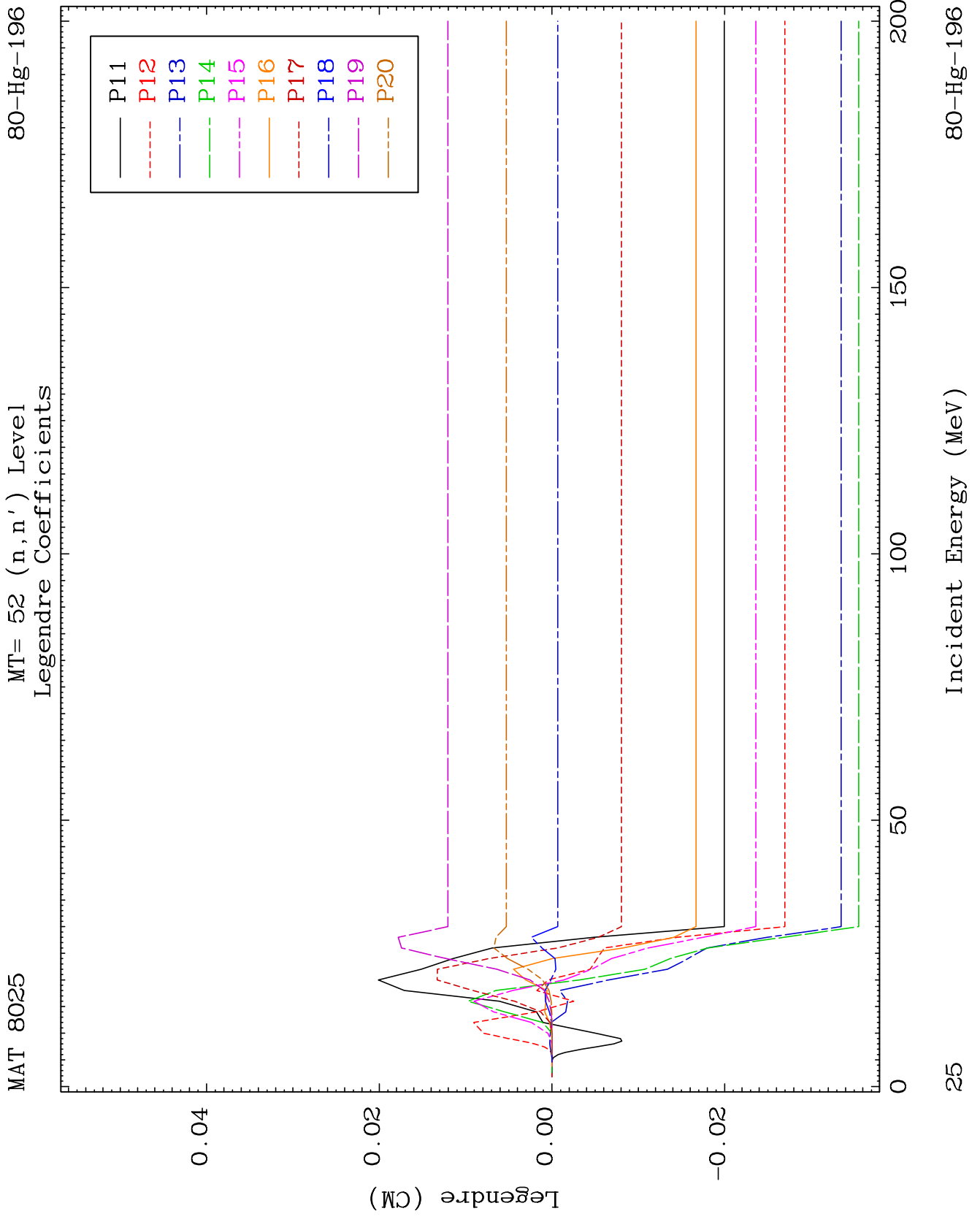
MAT 8025

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

80-Hg-196



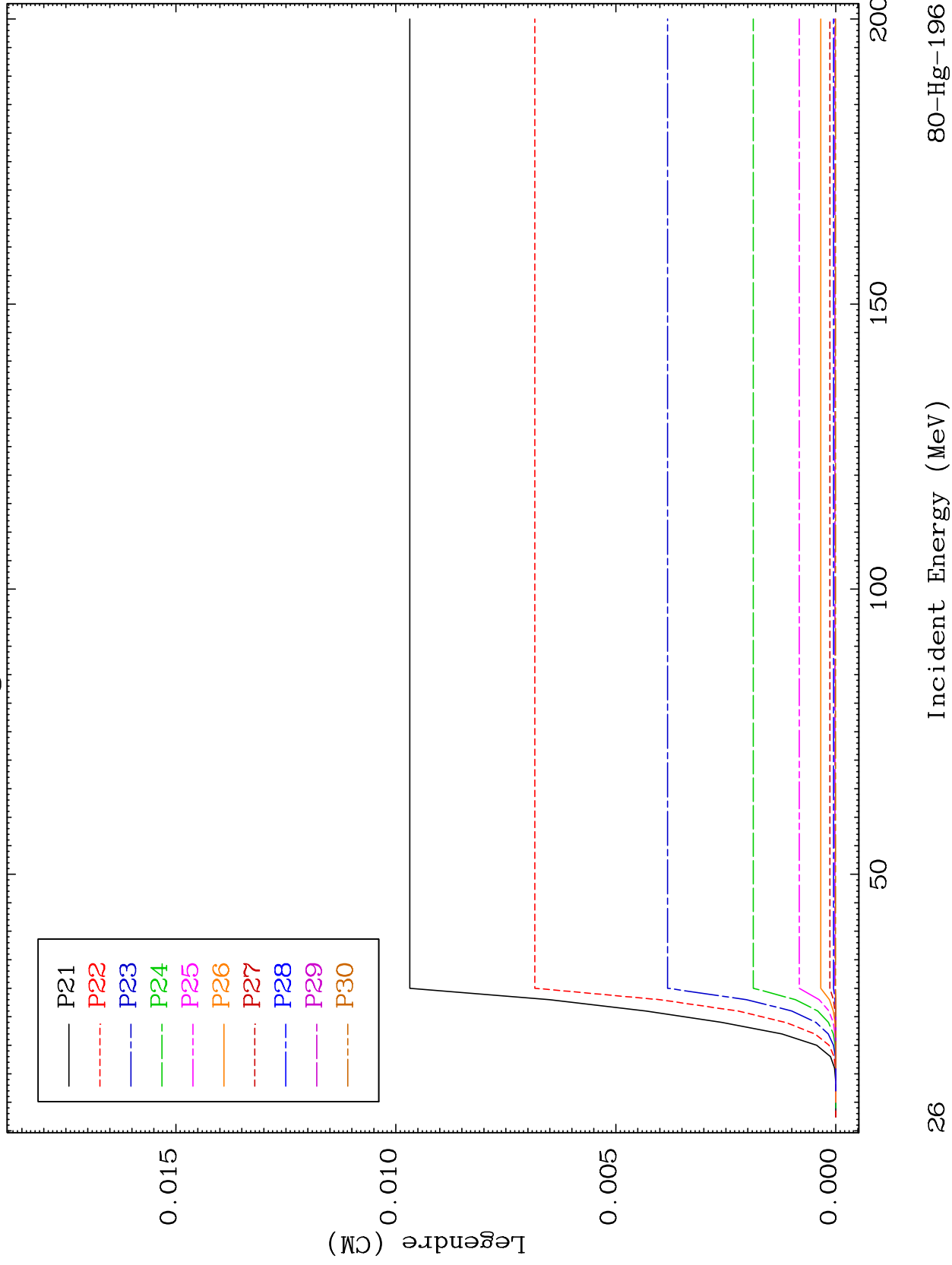
24



MAT 8025

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

80-Hg-196



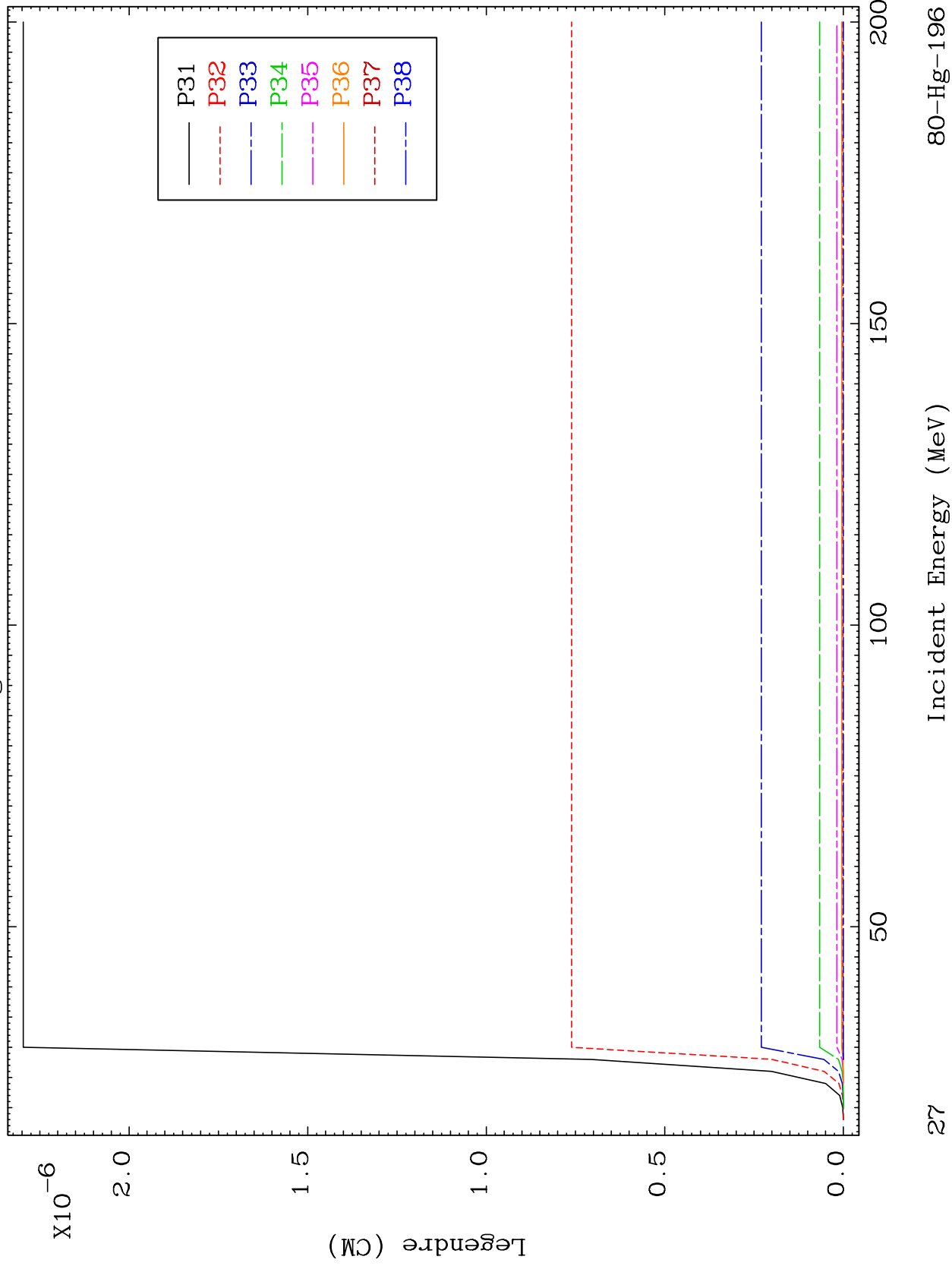
26

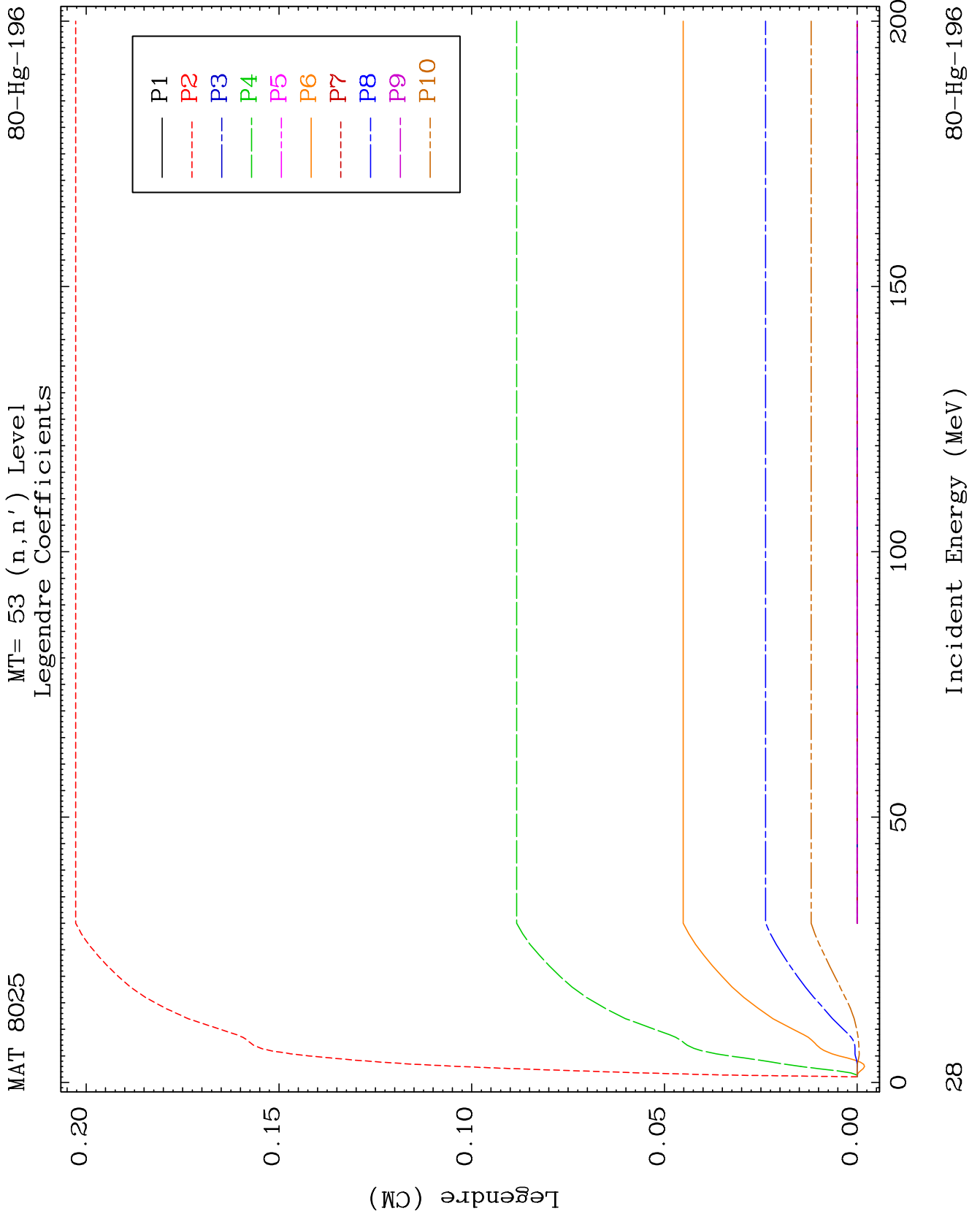
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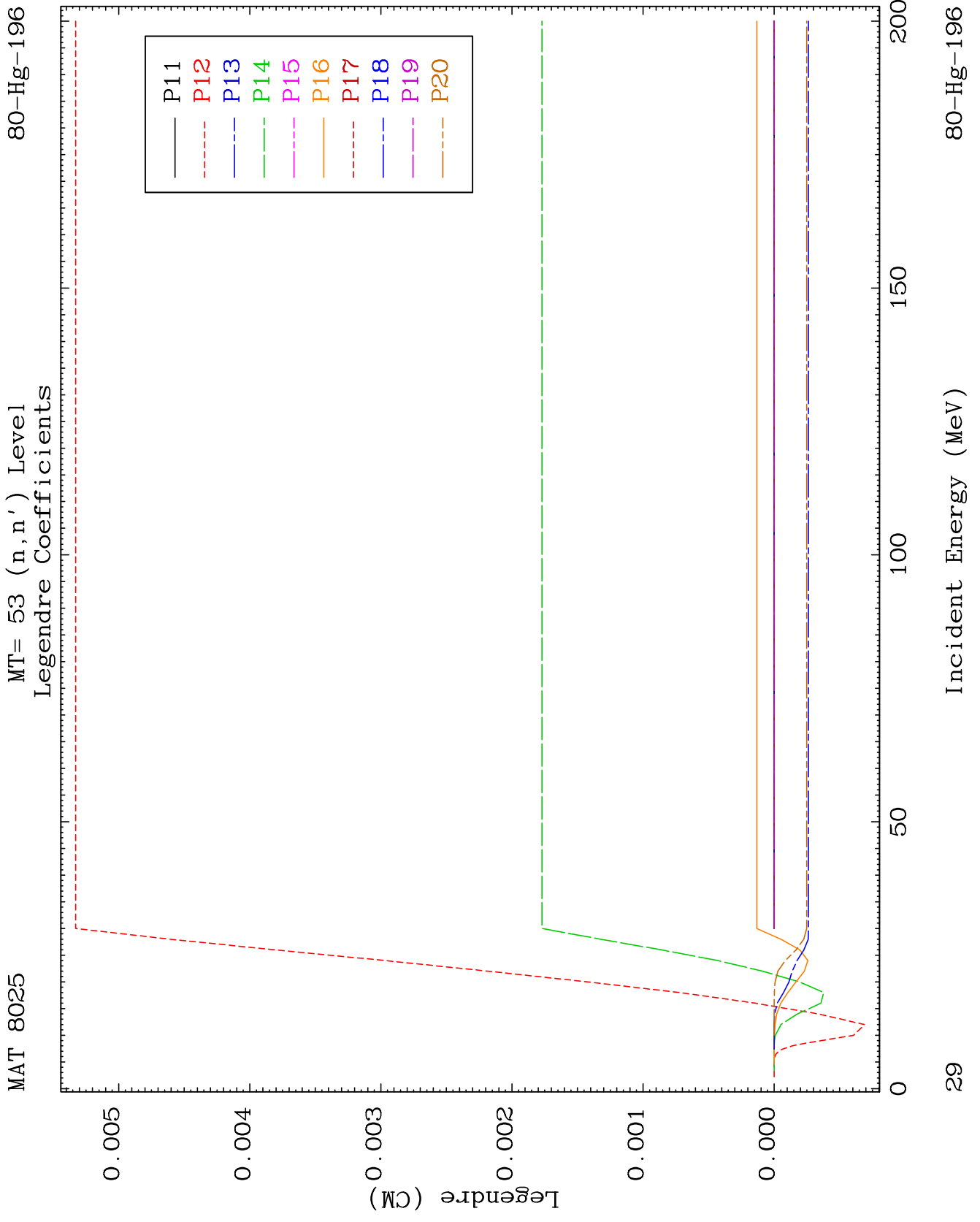
MAT 8025

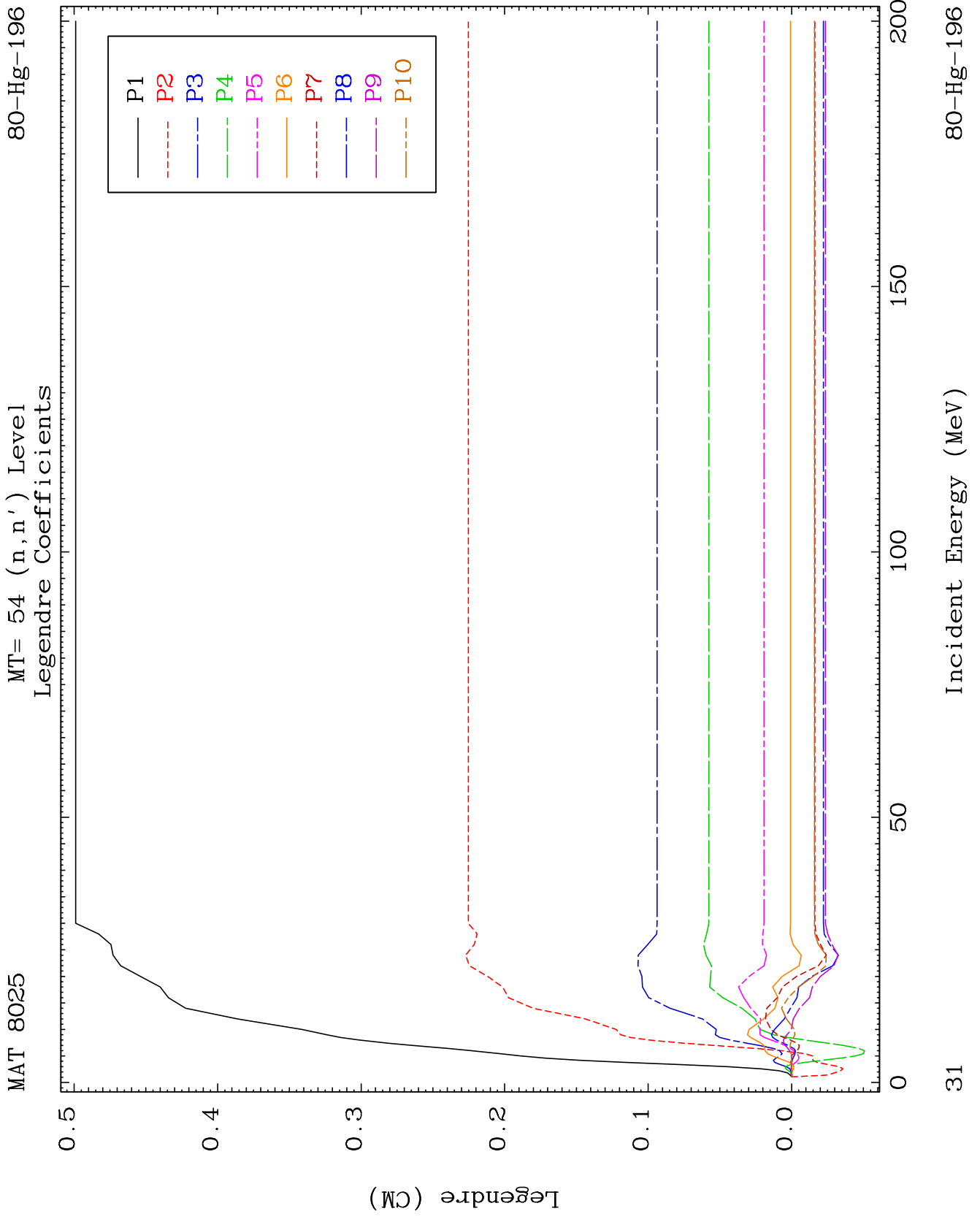
MT= 52 (n,n') Level
Legendre Coefficients

80-Hg-196





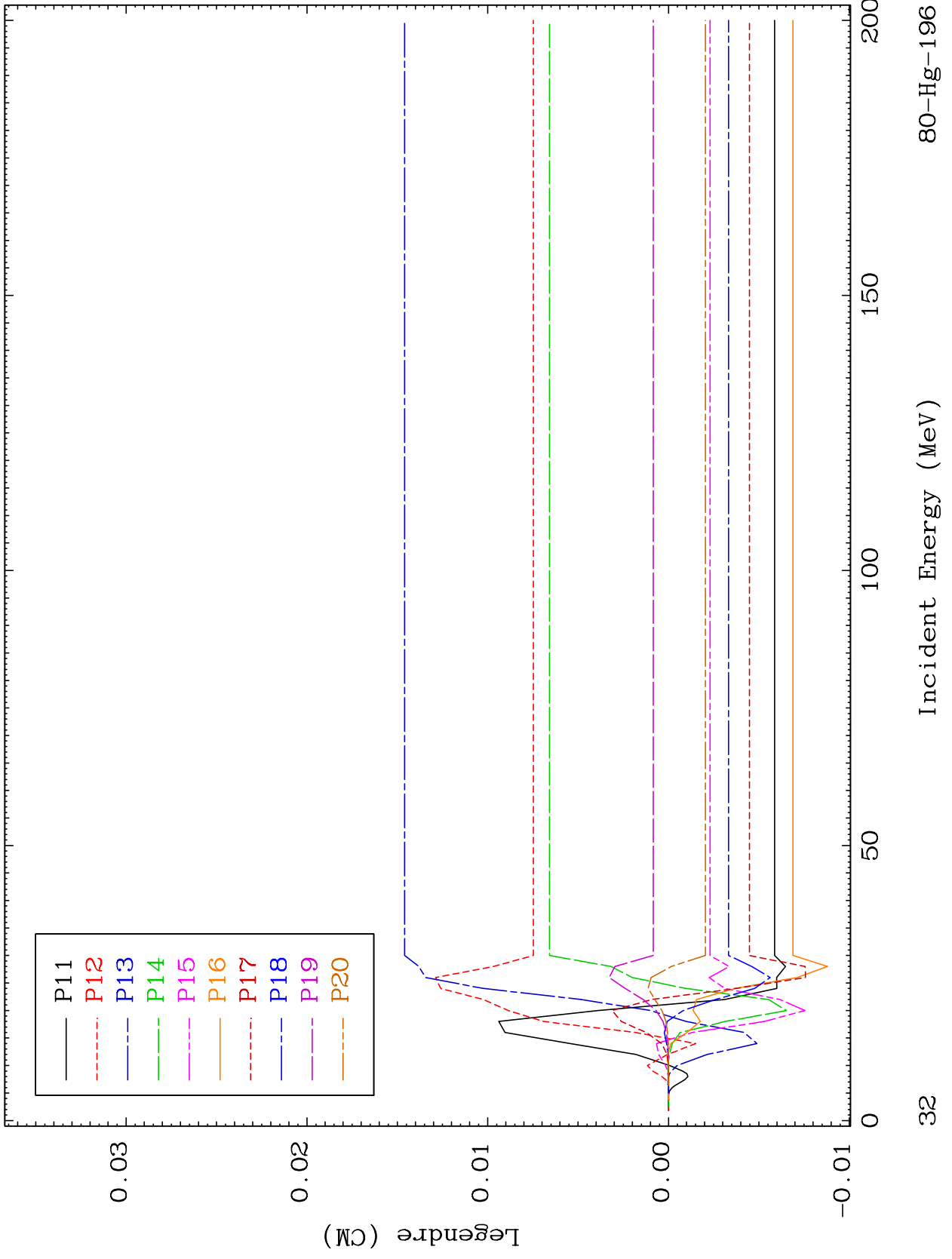




MAT 8025

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

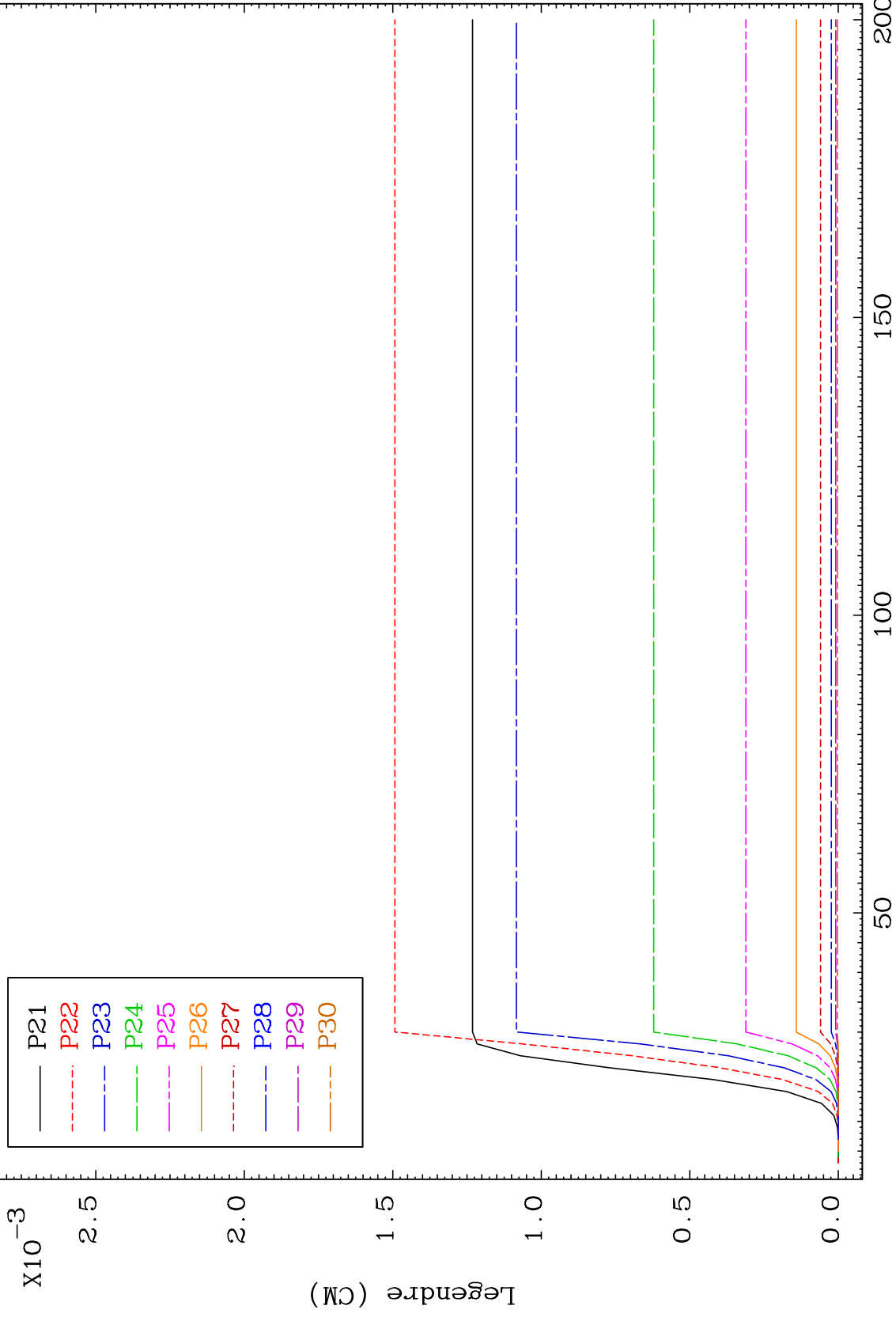
80-Hg-196



32

Incident Energy (MeV)

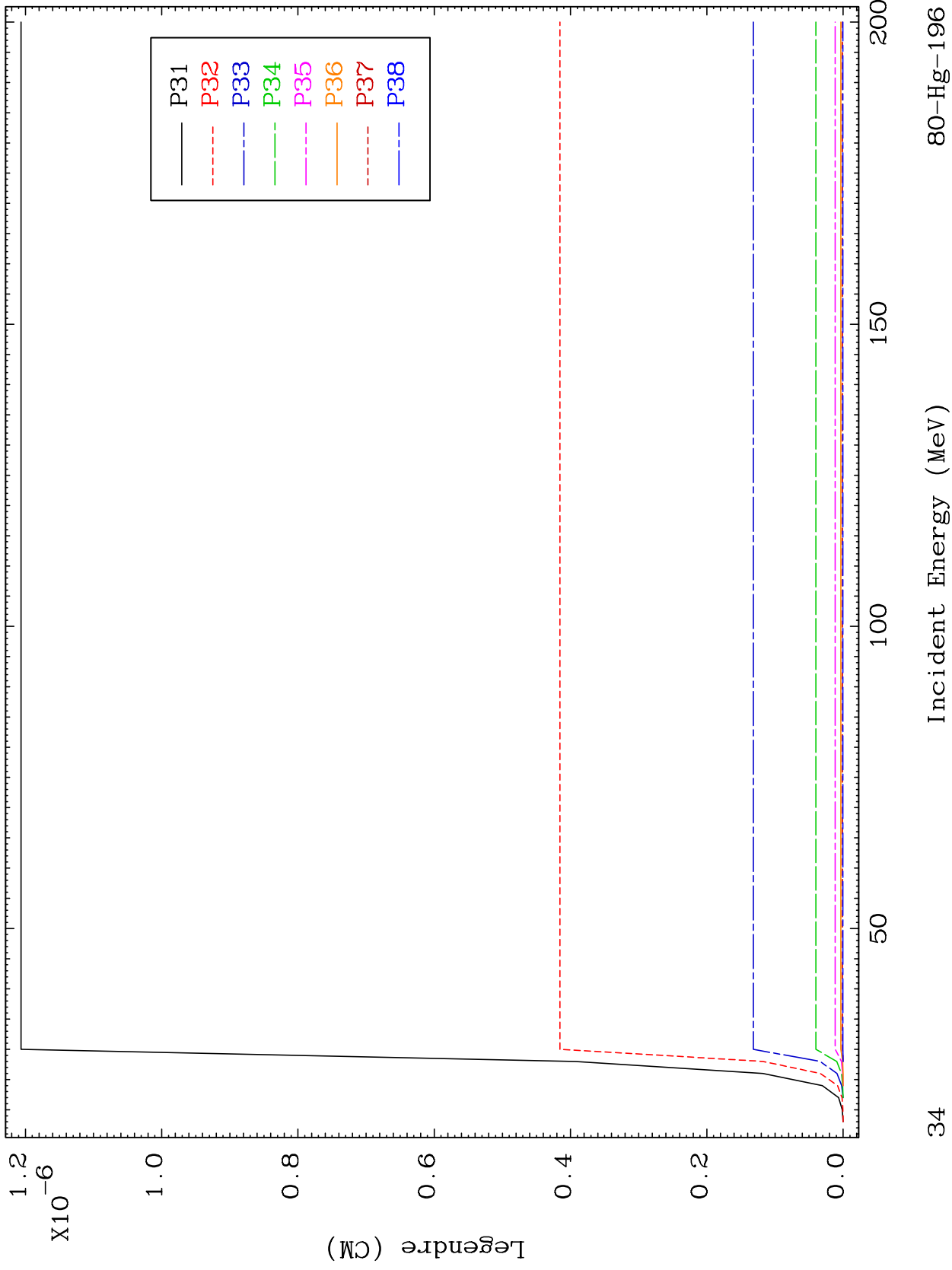
80-Hg-196



MAT 8025

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

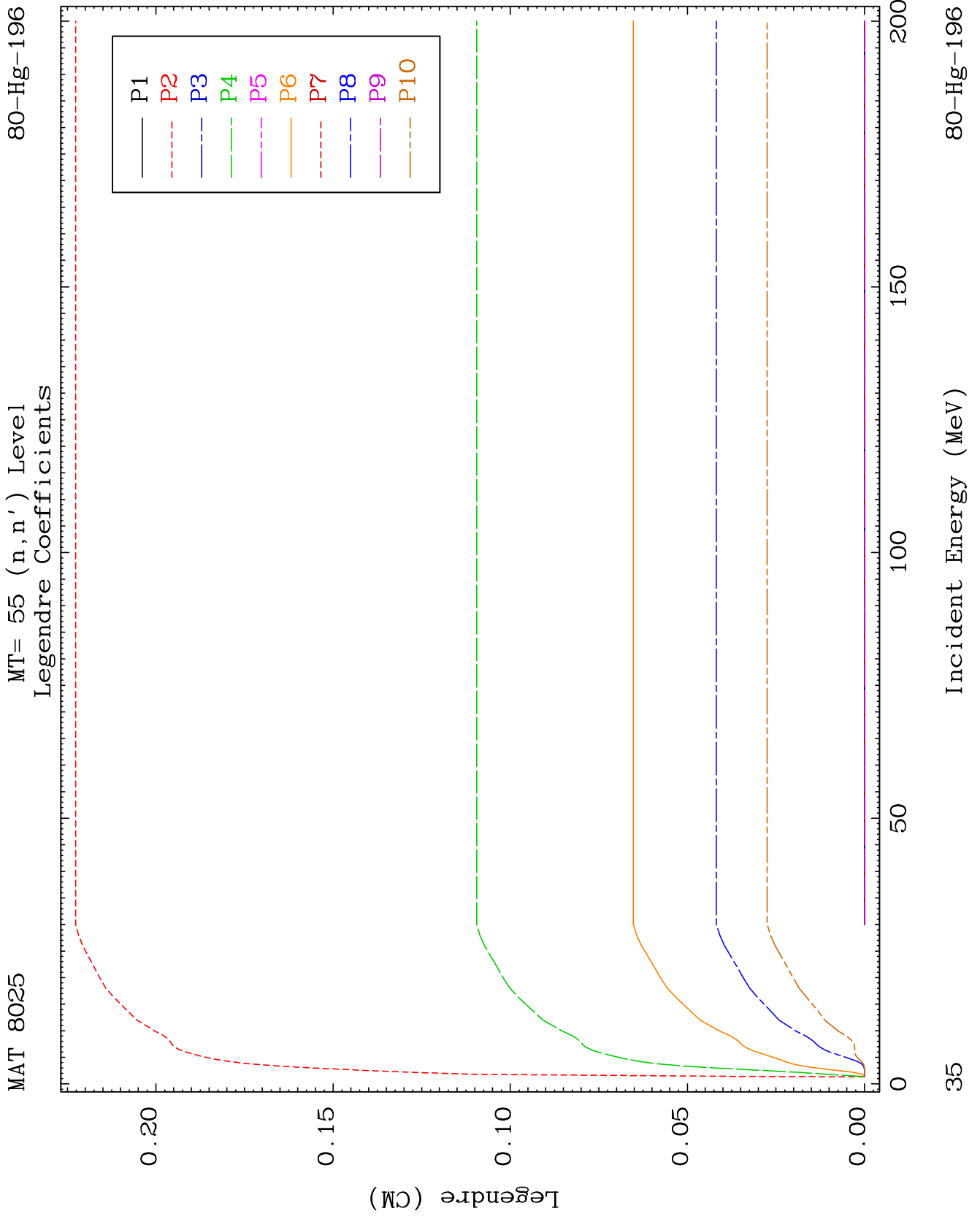
80-Hg-196



34

Incident Energy (MeV)

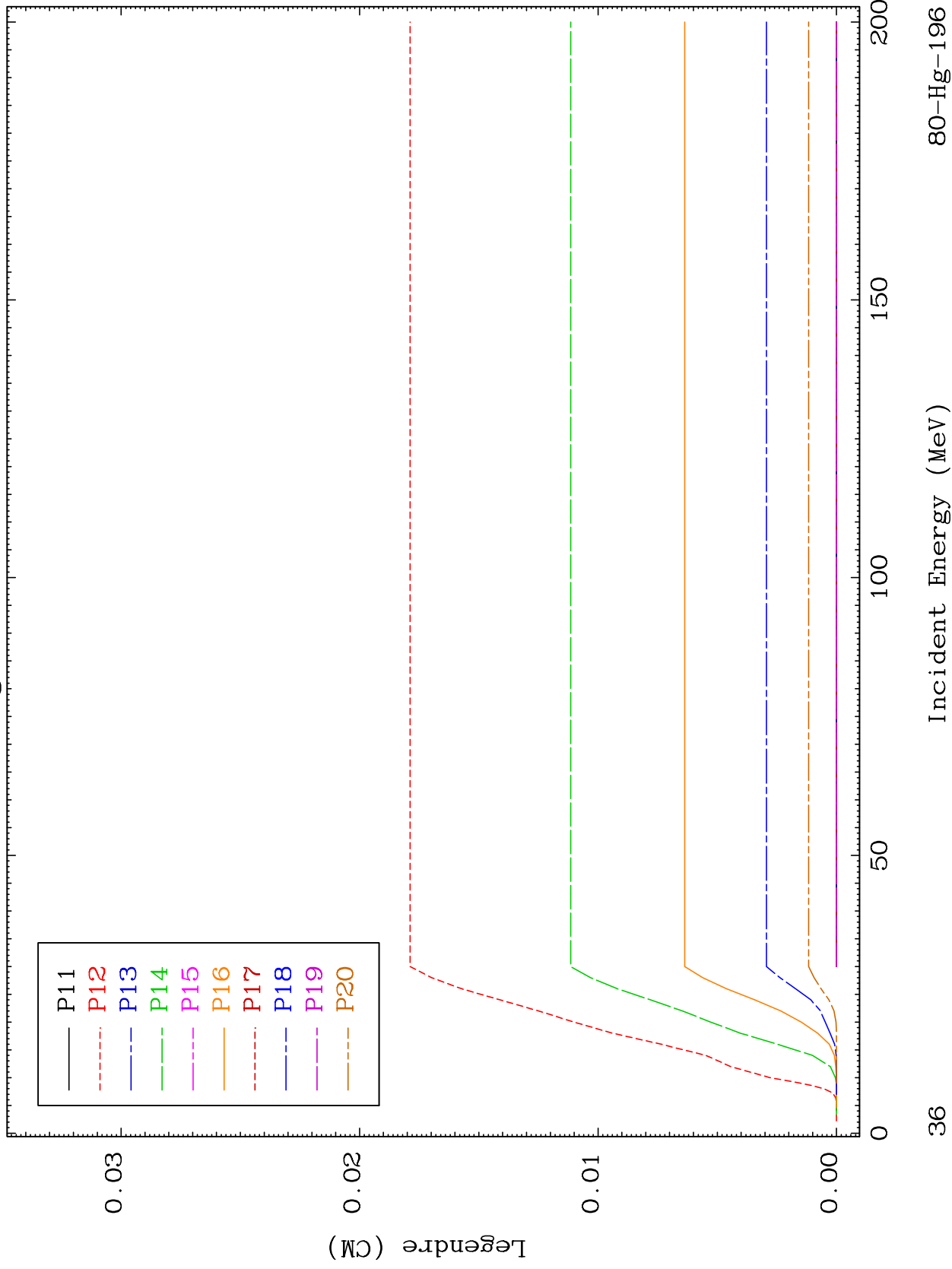
80-Hg-196

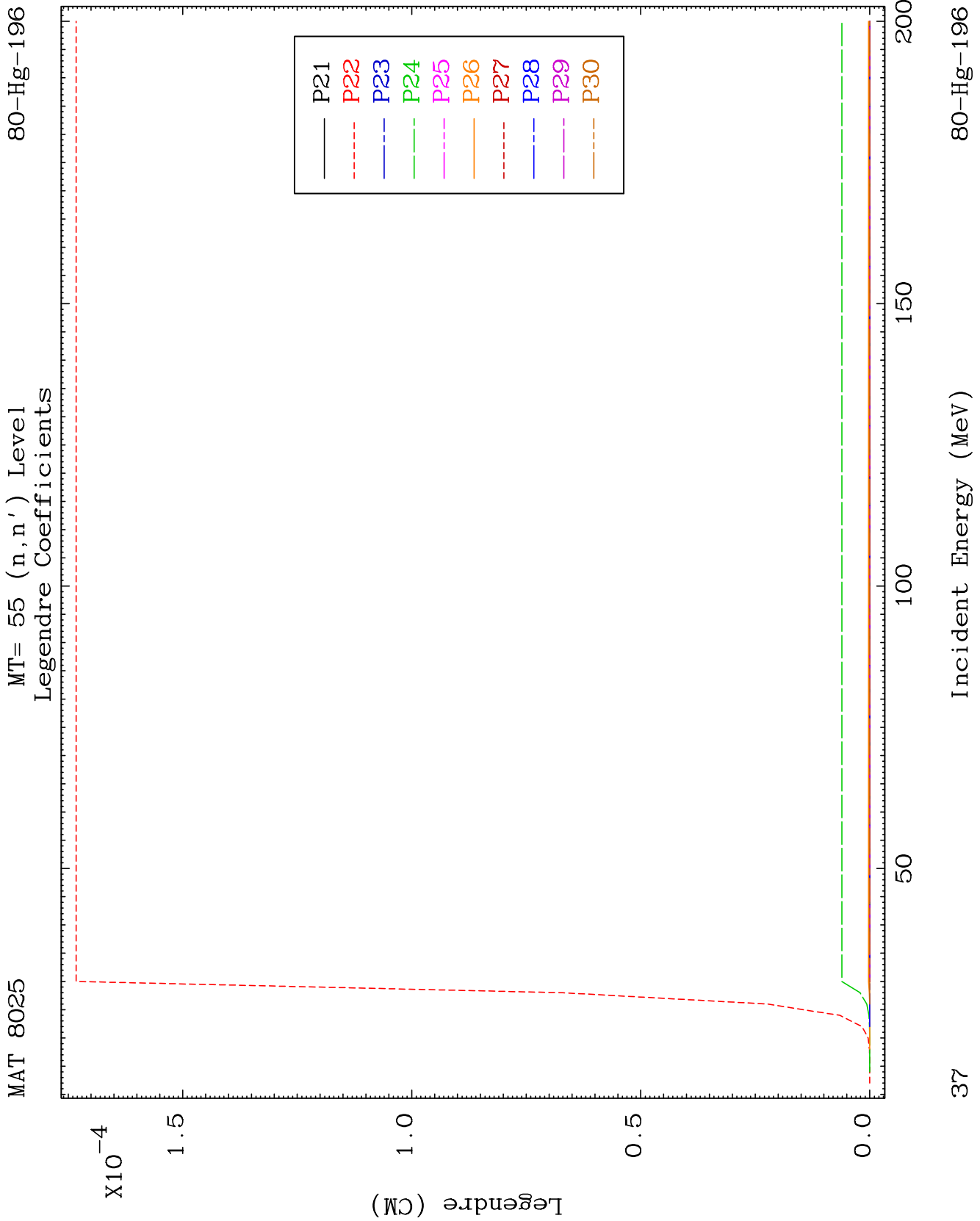


MAT 8025

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

80-Hg-196

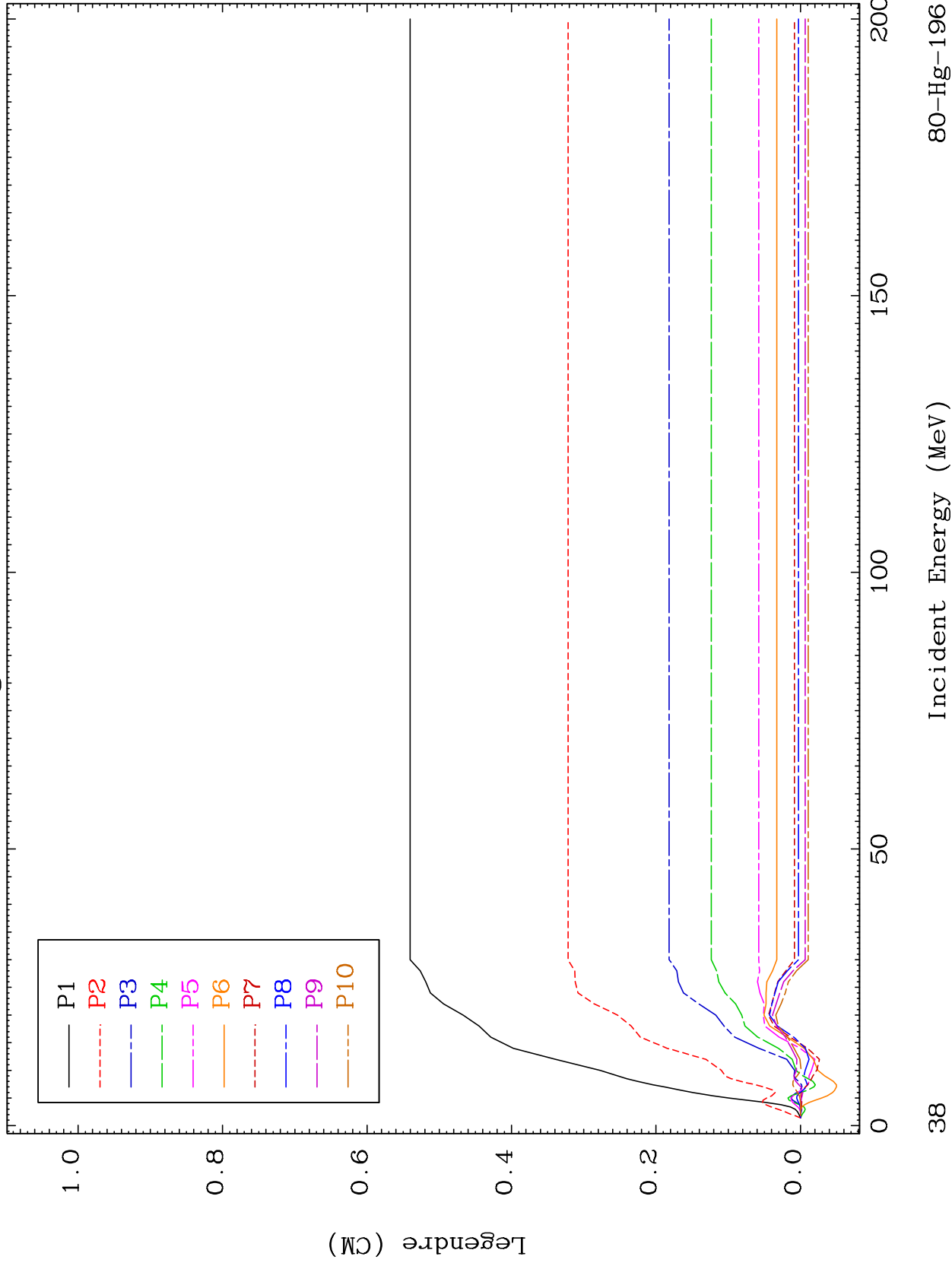




MAT 8025

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

80-Hg-196



80-Hg-196

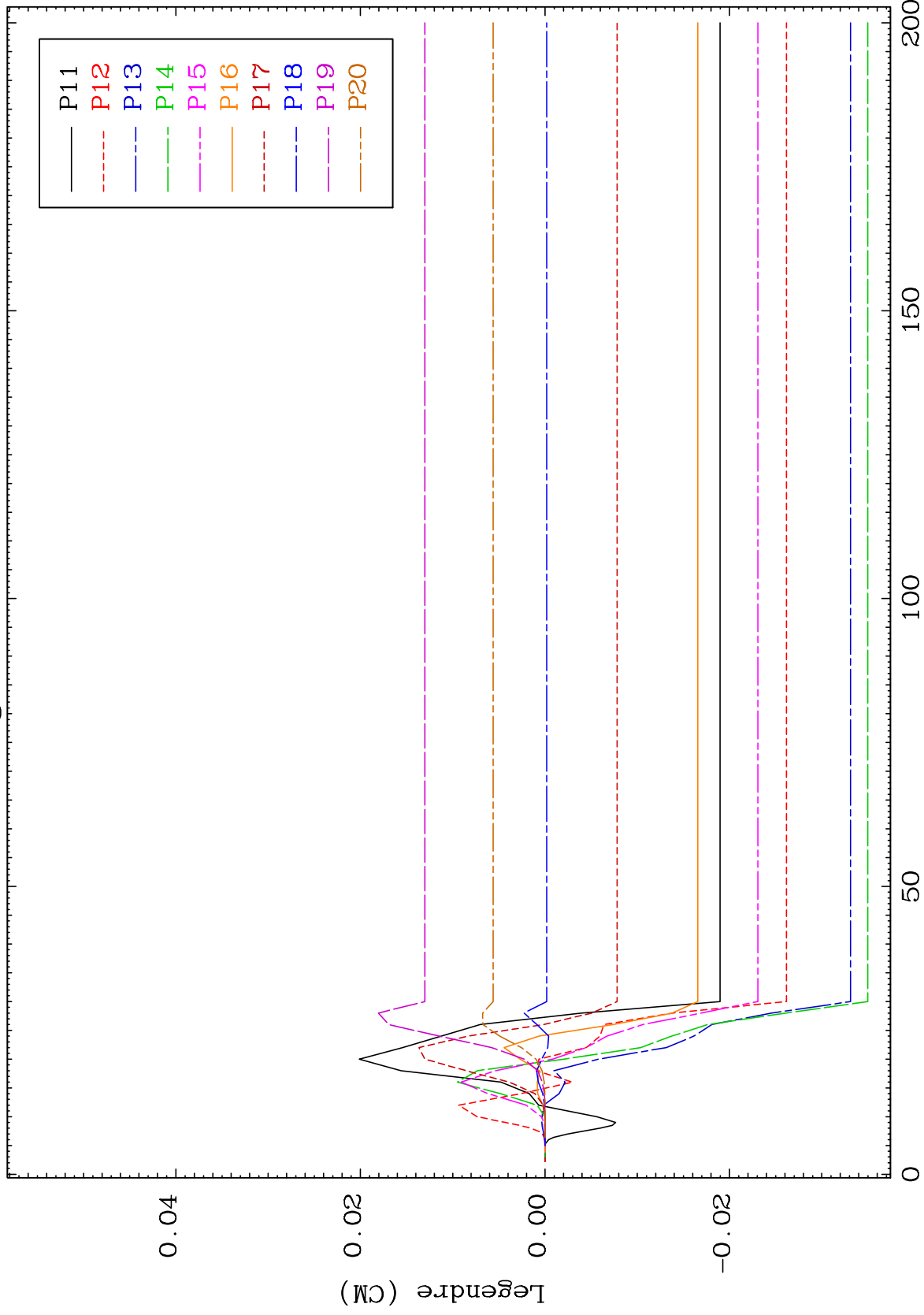
Incident Energy (MeV)

38

MAT 8025

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

80-Hg-196



39

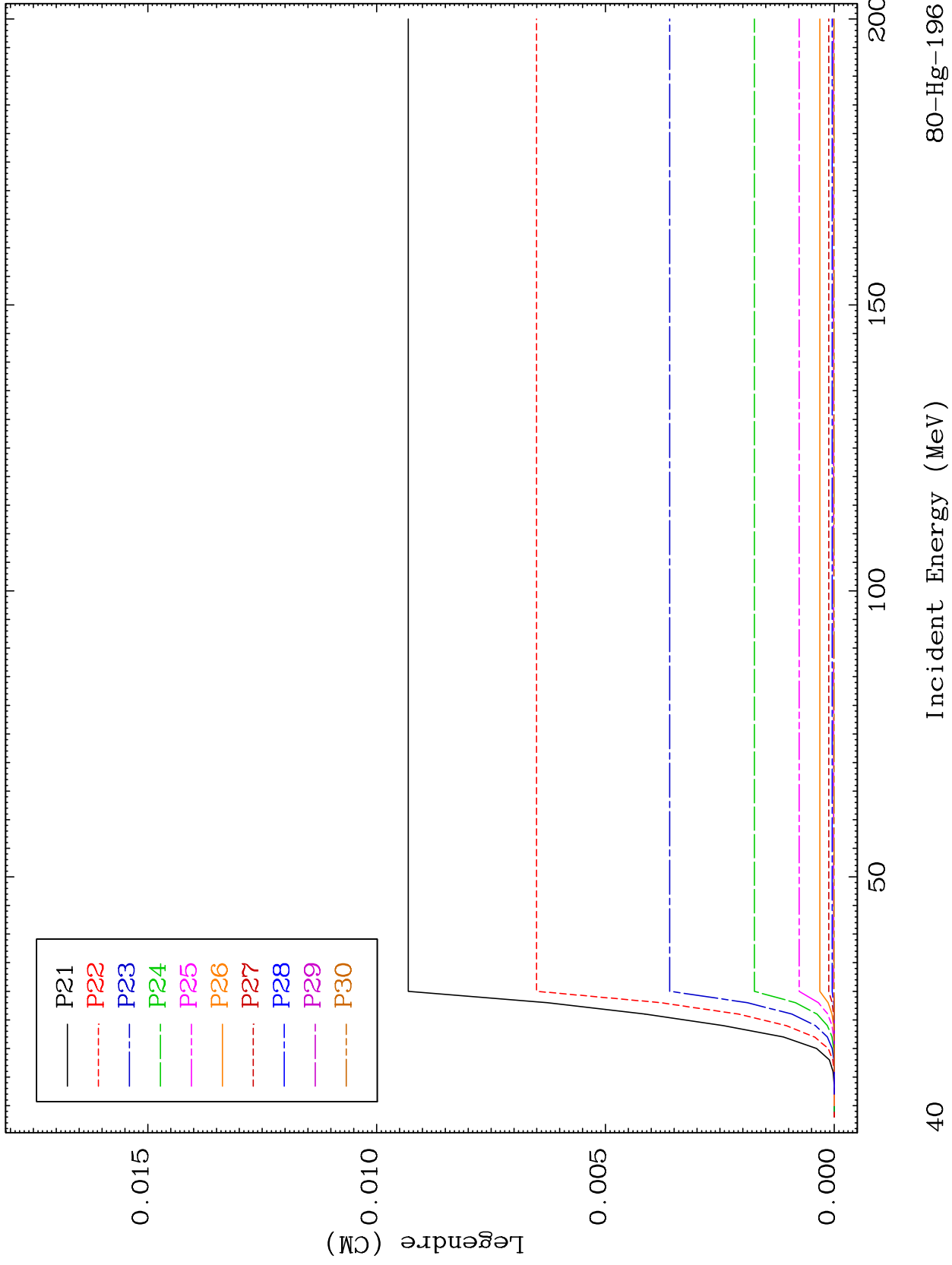
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



40

Incident Energy (MeV)

50

100

150

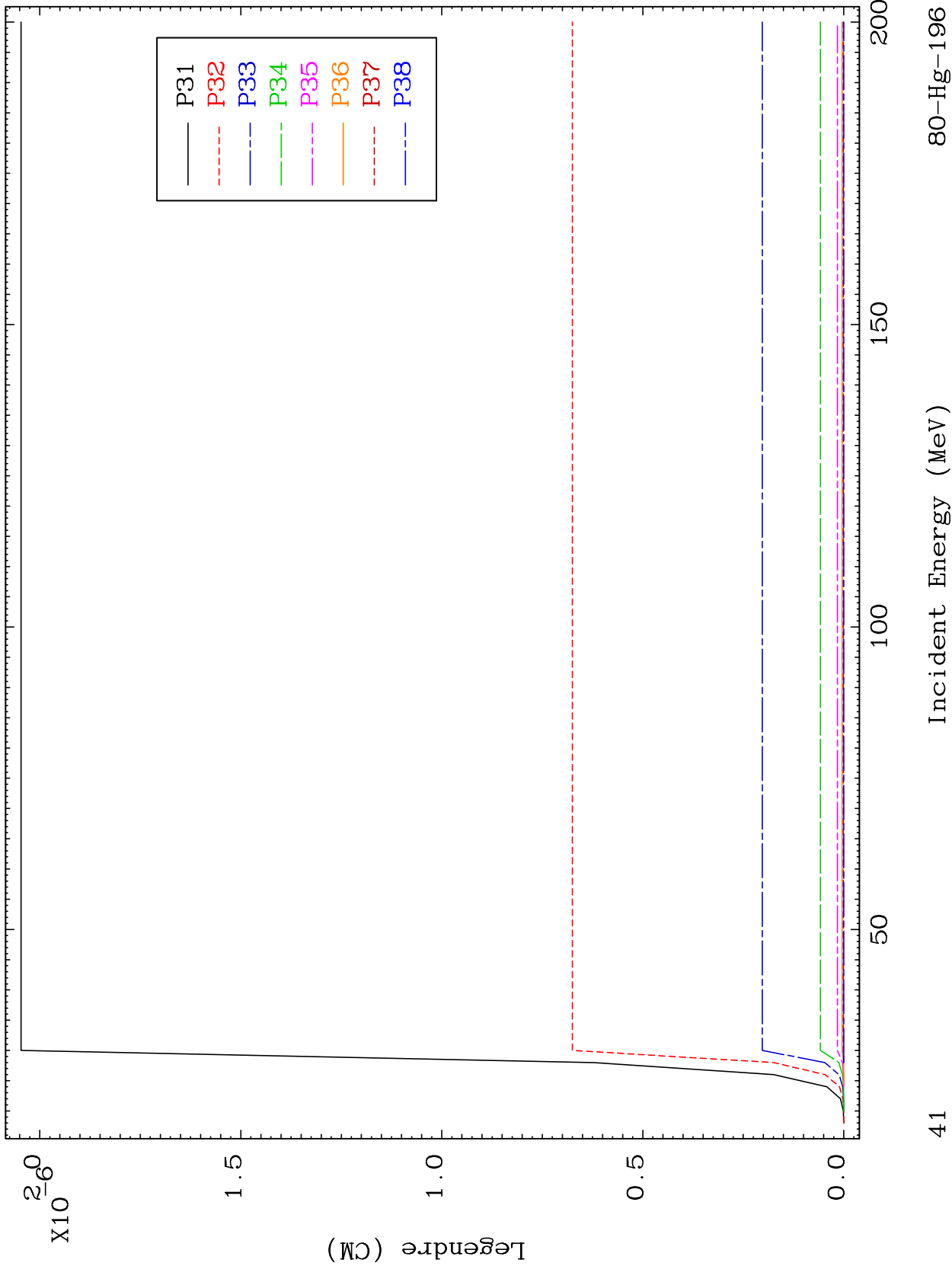
200

80-Hg-196

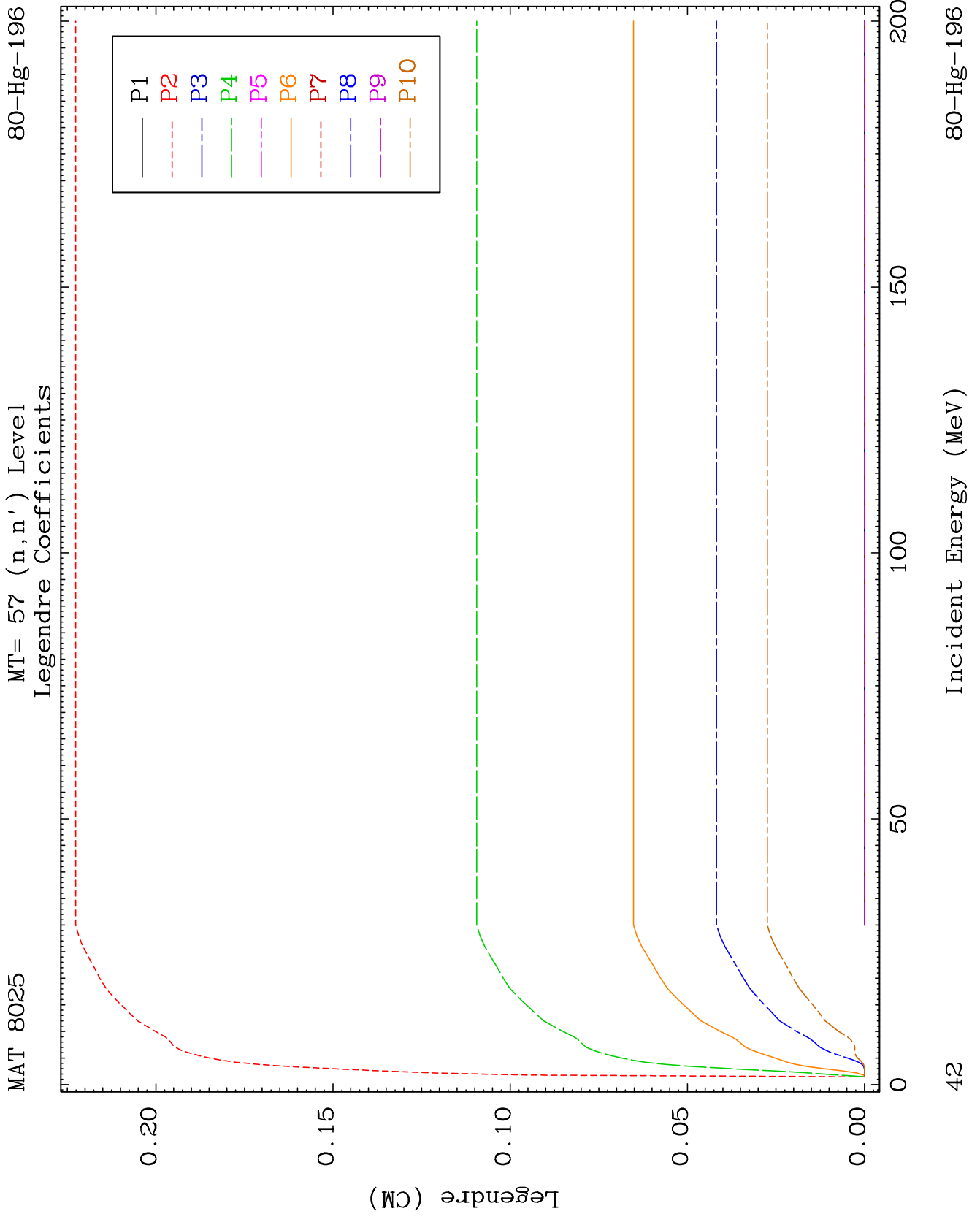
MAT 8025

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

80-Hg-196



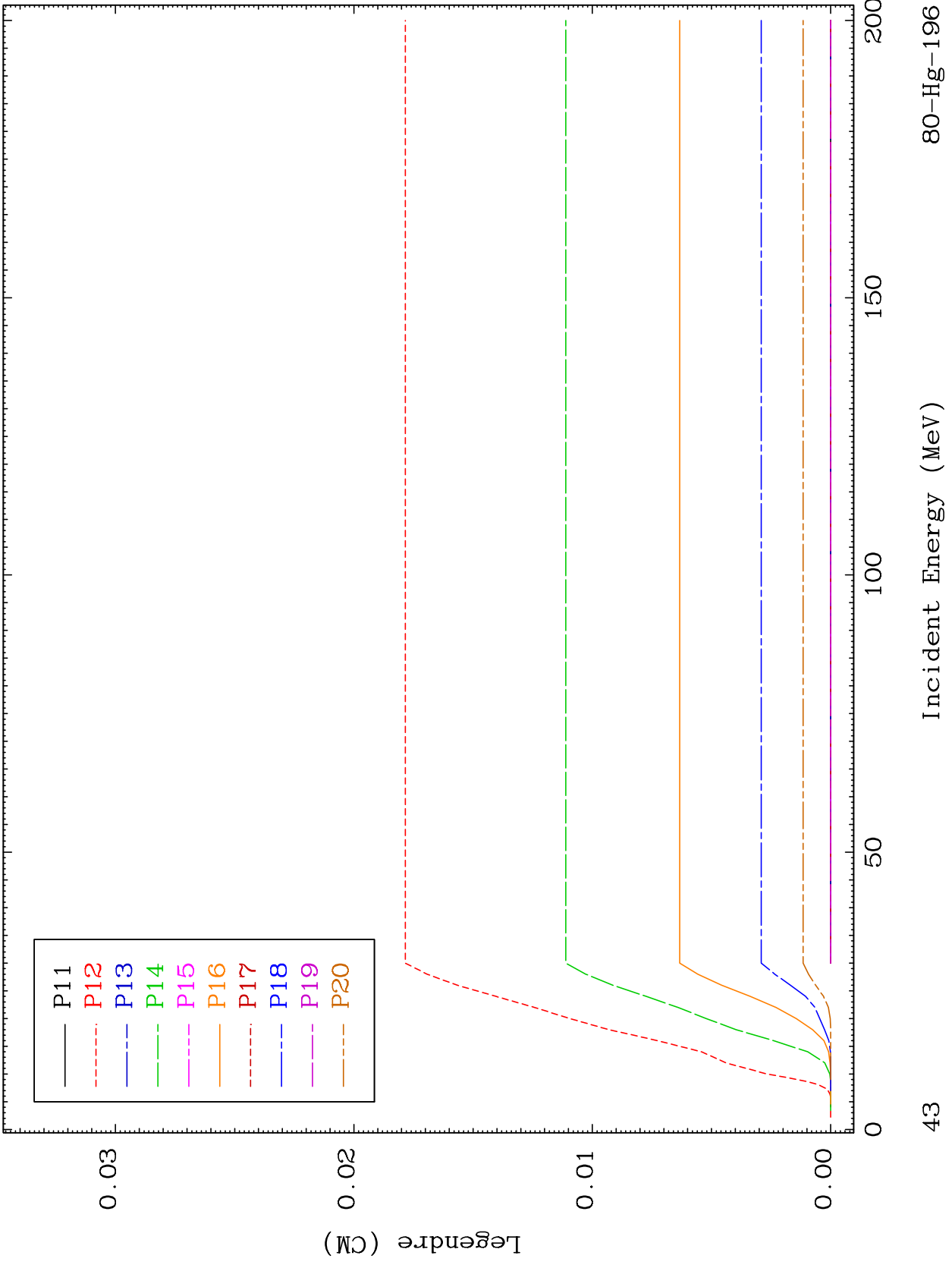
41



MAT 8025

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

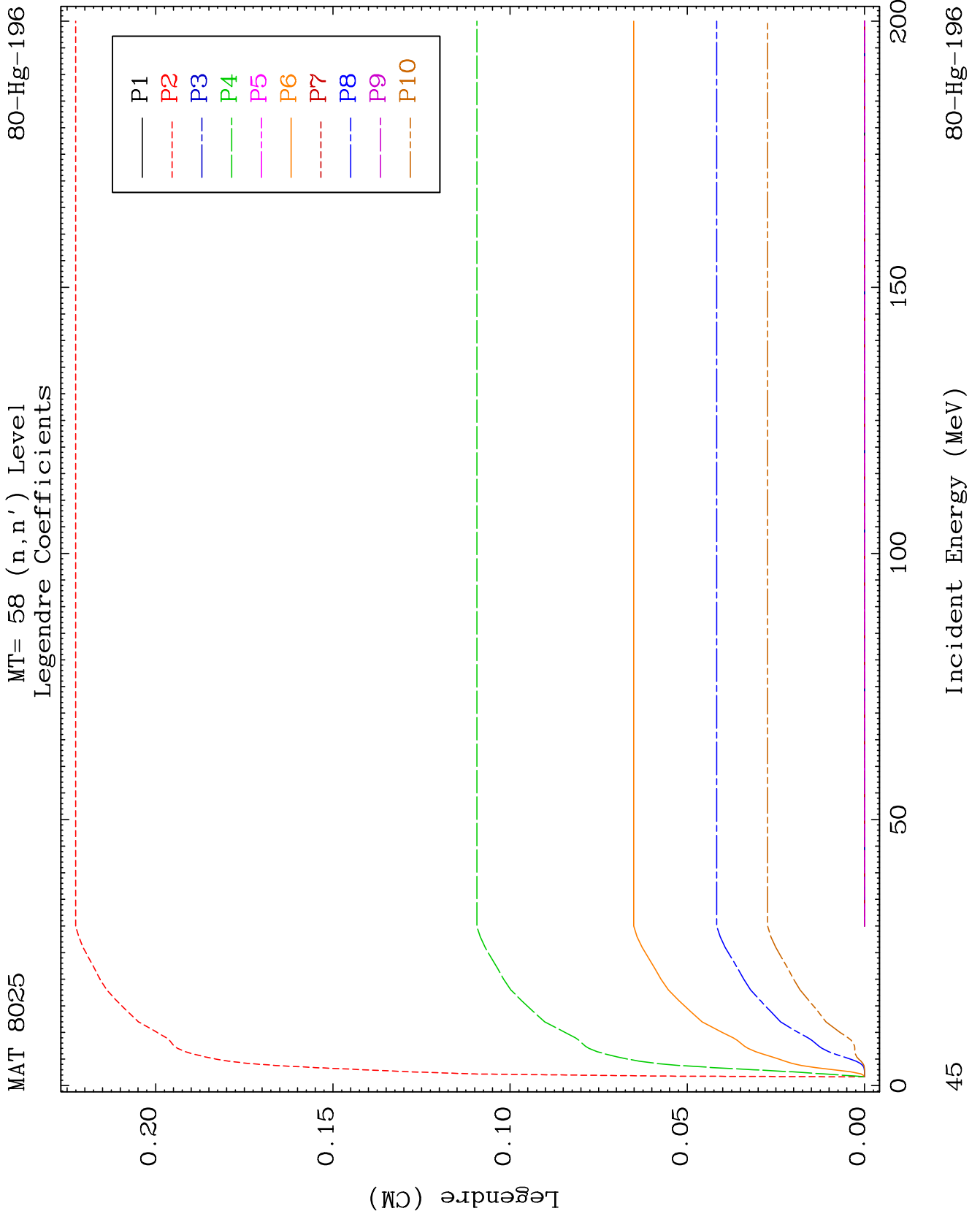
80-Hg-196



43

Incident Energy (MeV)

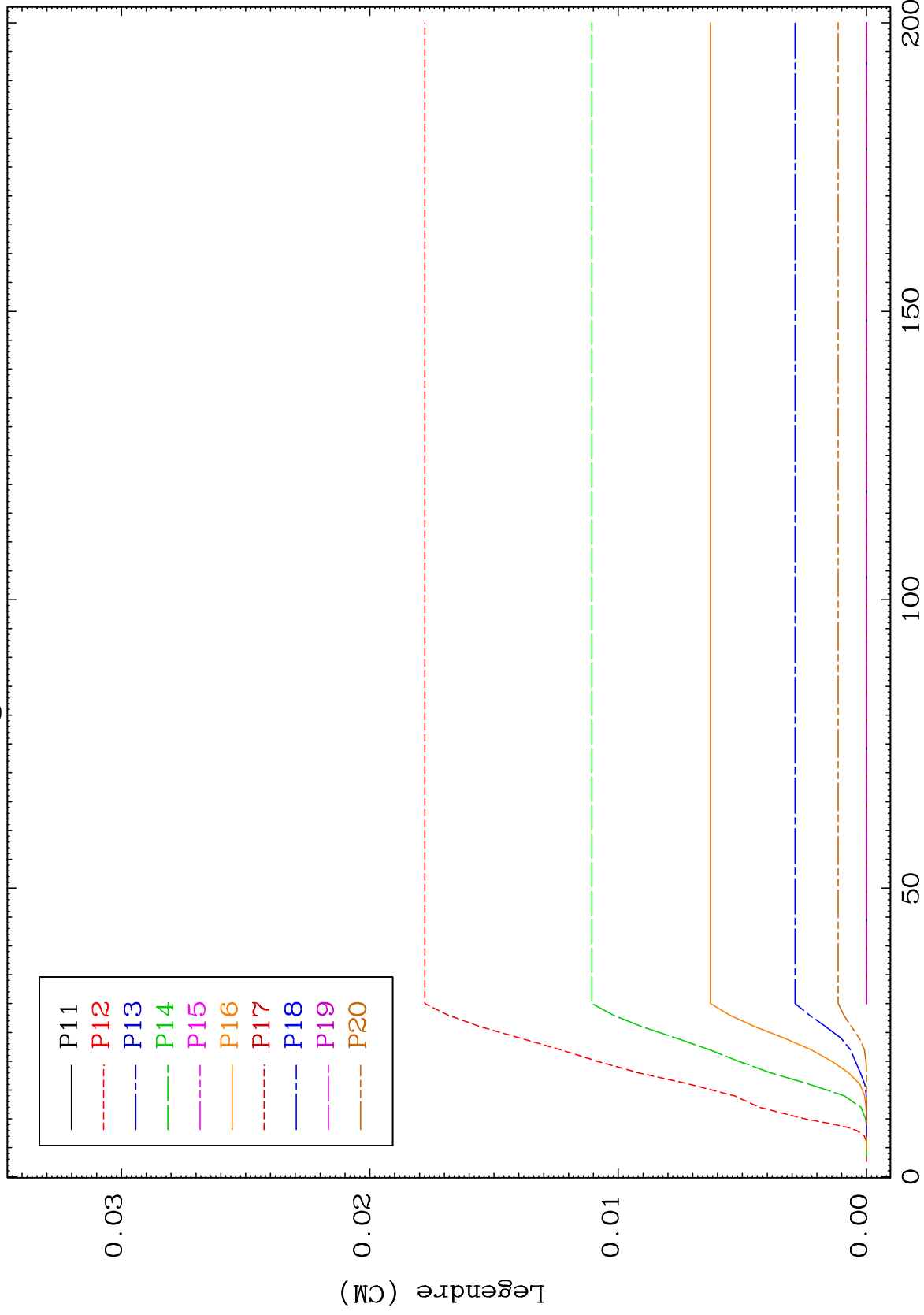
80-Hg-196



MAT 8025

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

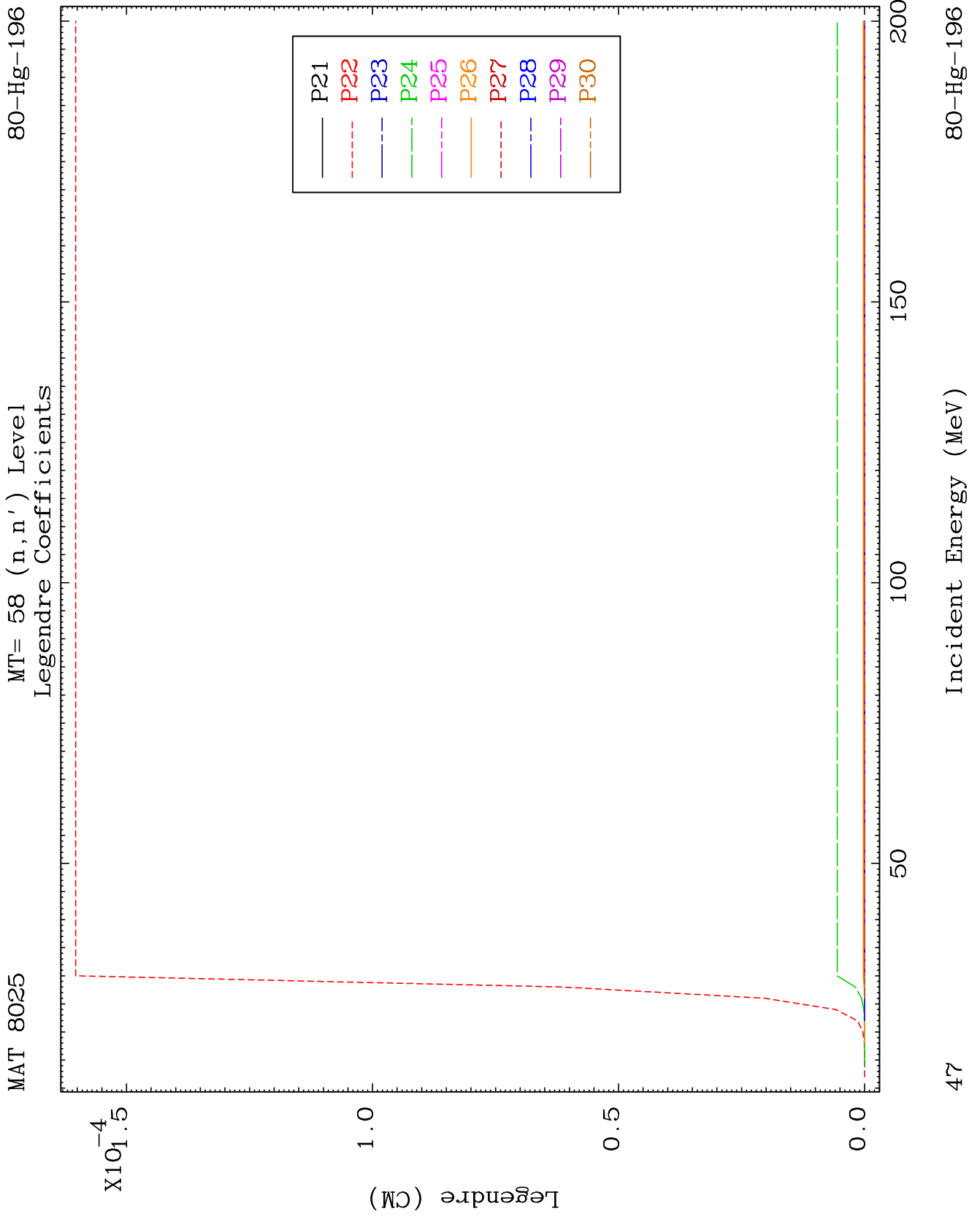
80-Hg-196



46

Incident Energy (MeV)

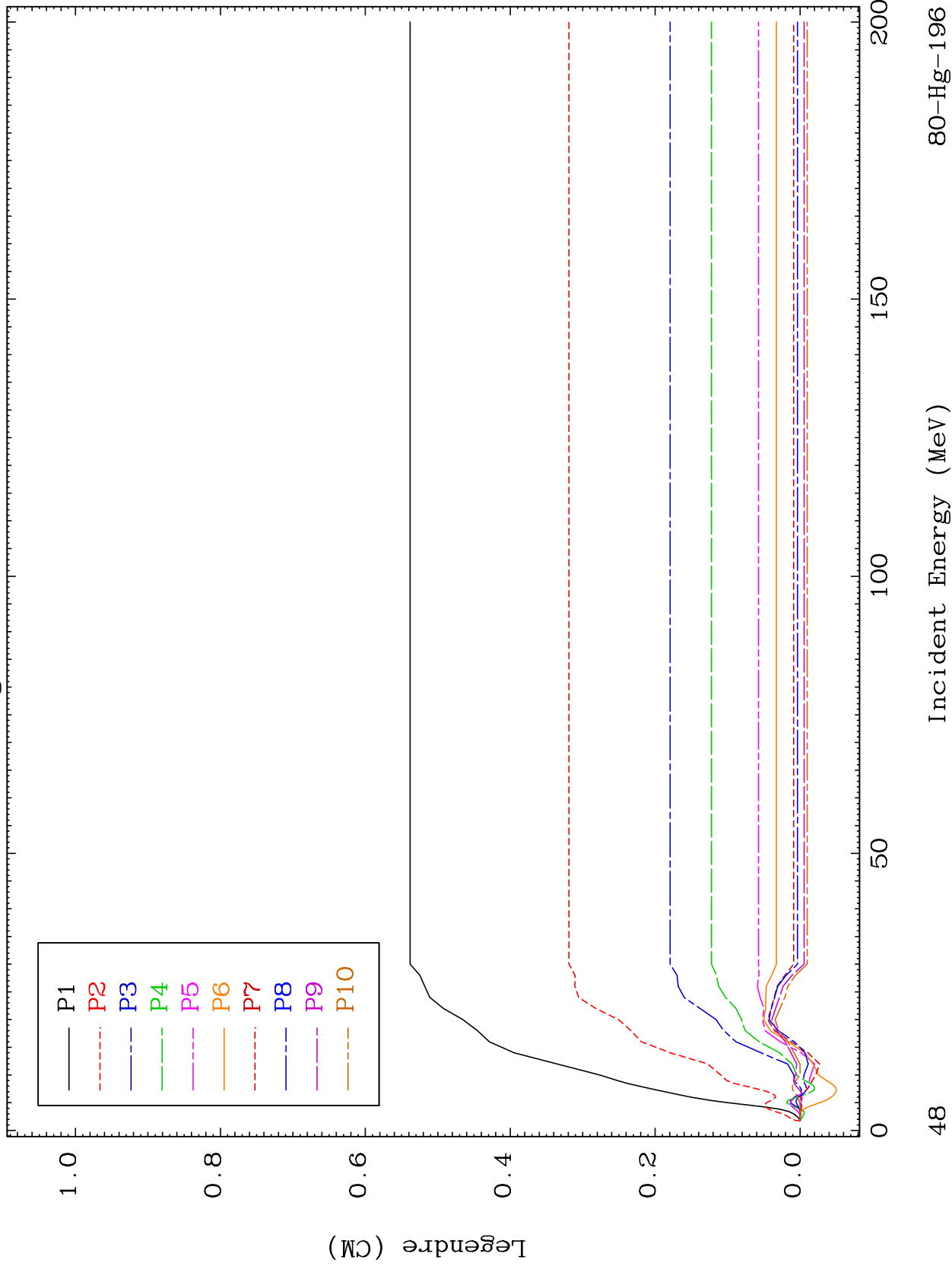
80-Hg-196



MAT 8025

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

80-Hg-196



80-Hg-196

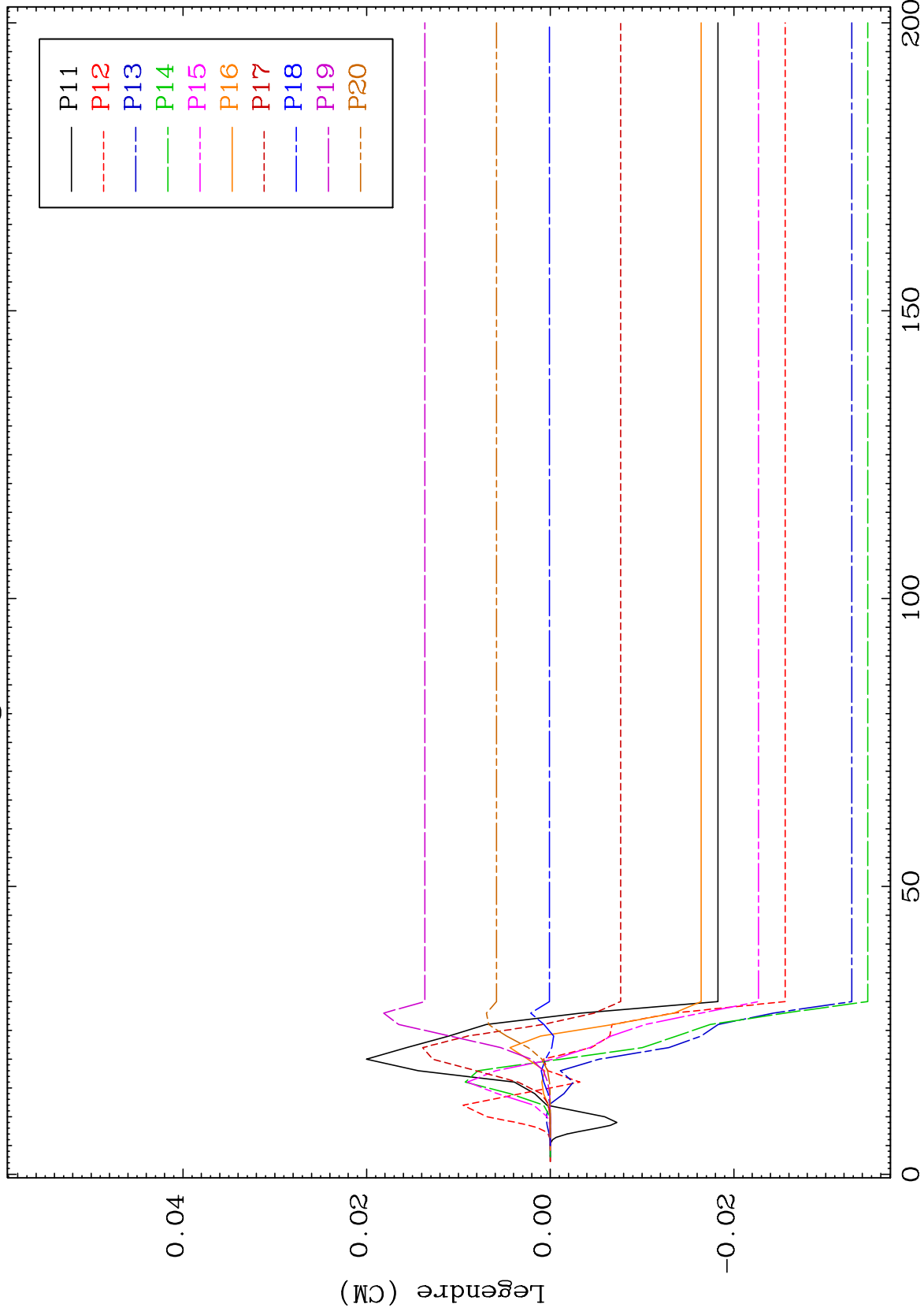
Incident Energy (MeV)

48

MAT 8025

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

80-Hg-196



49

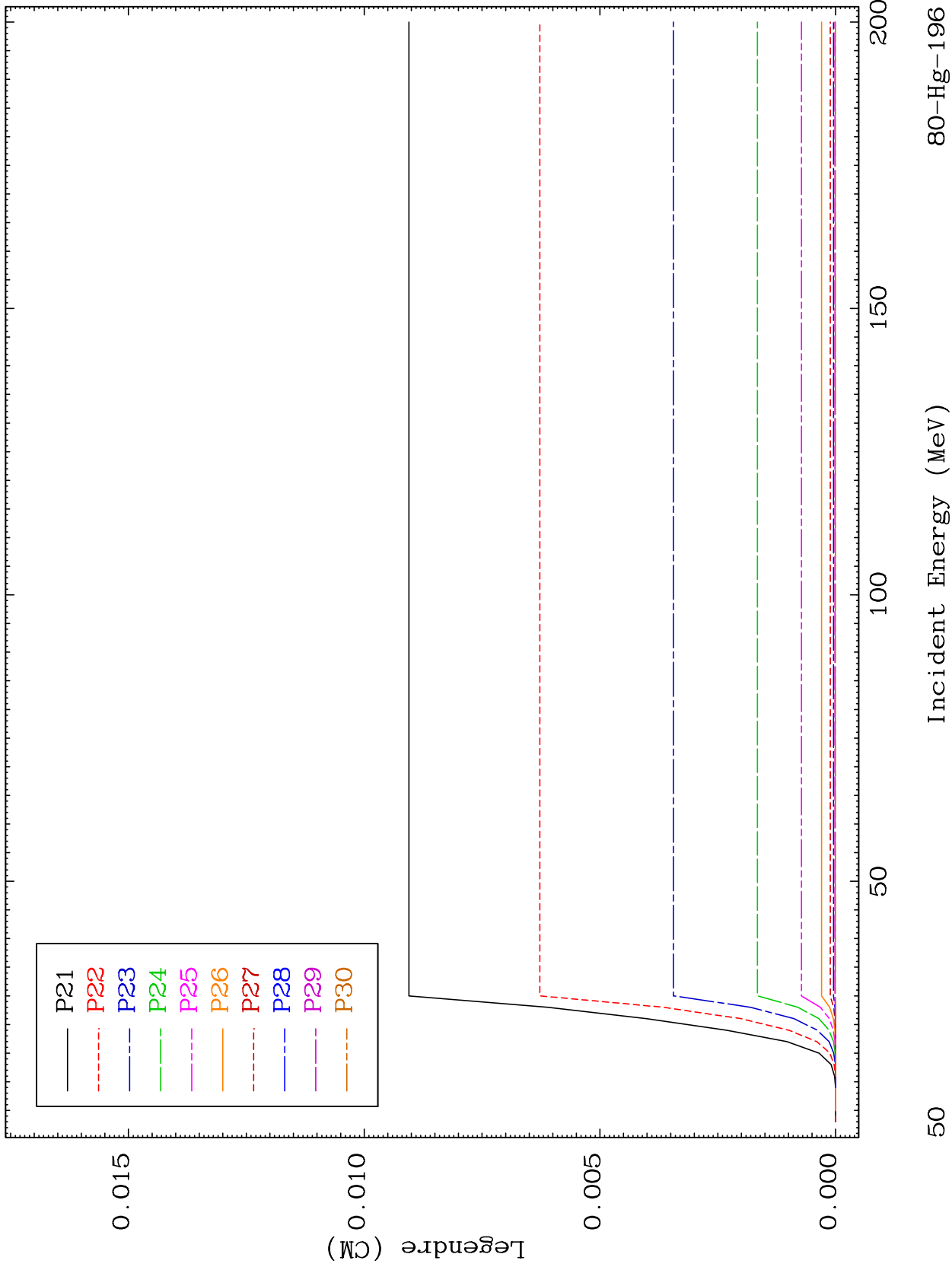
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



80-Hg-196

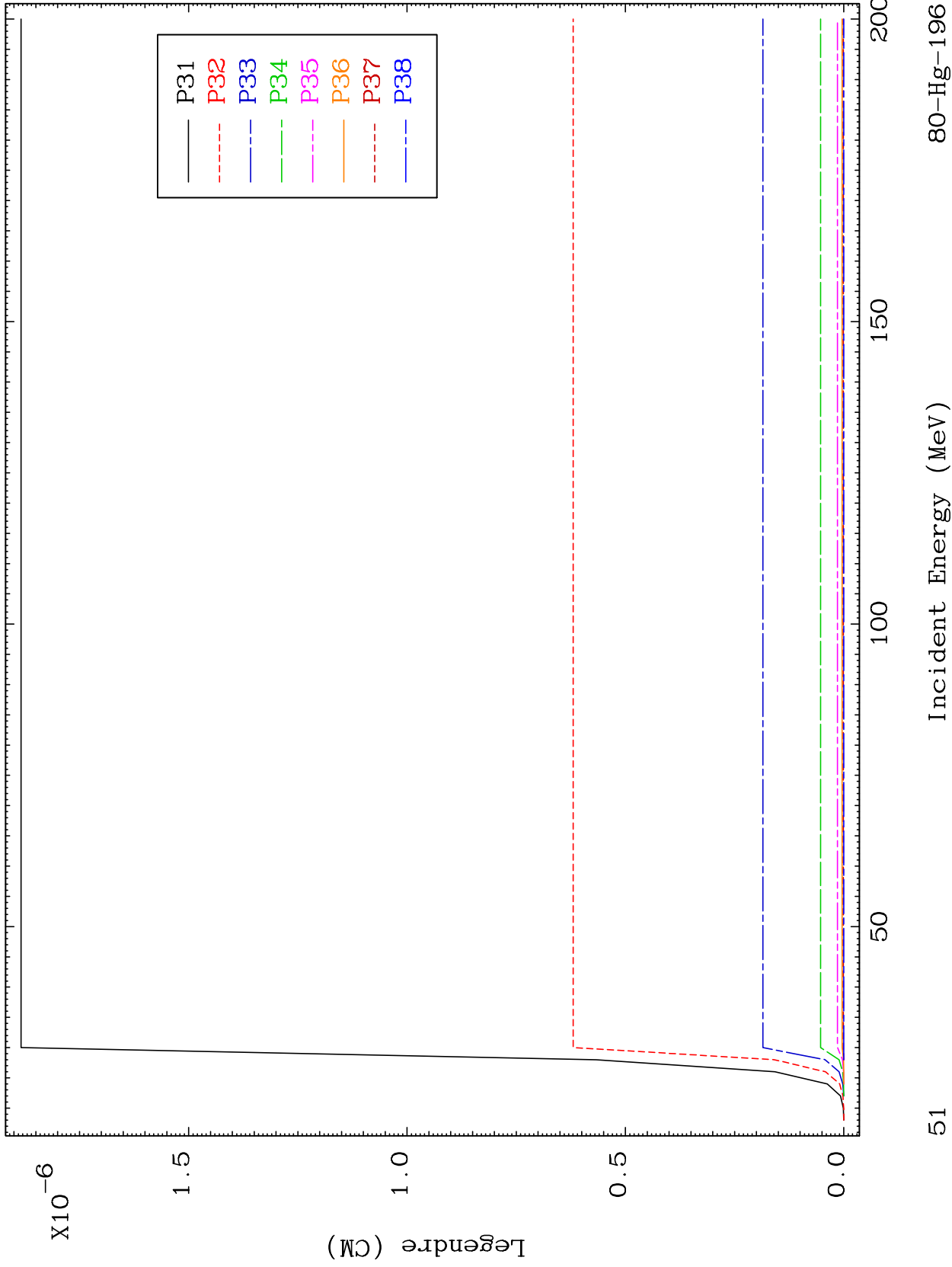
Incident Energy (MeV)

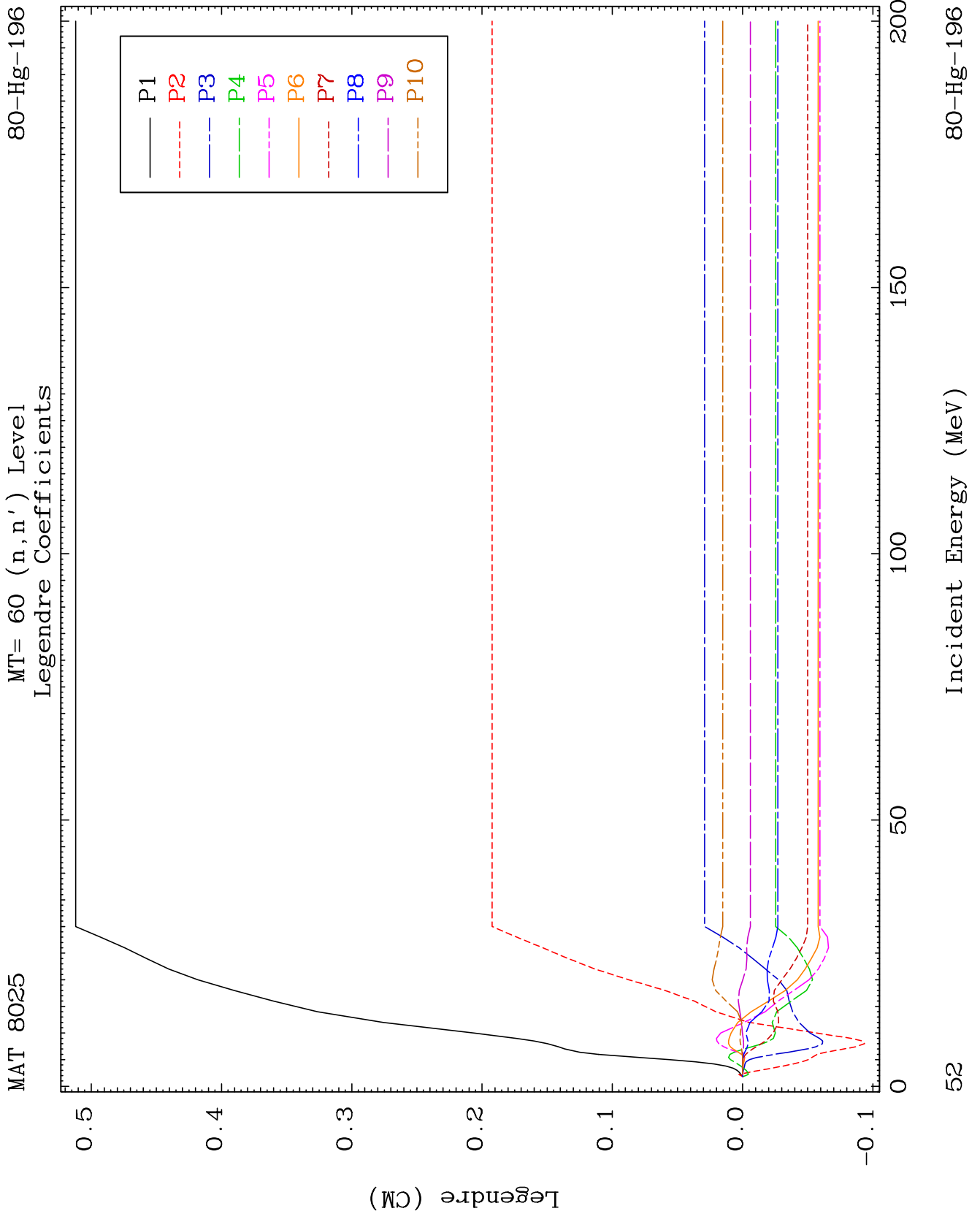
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MAT 8025

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

80-Hg-196

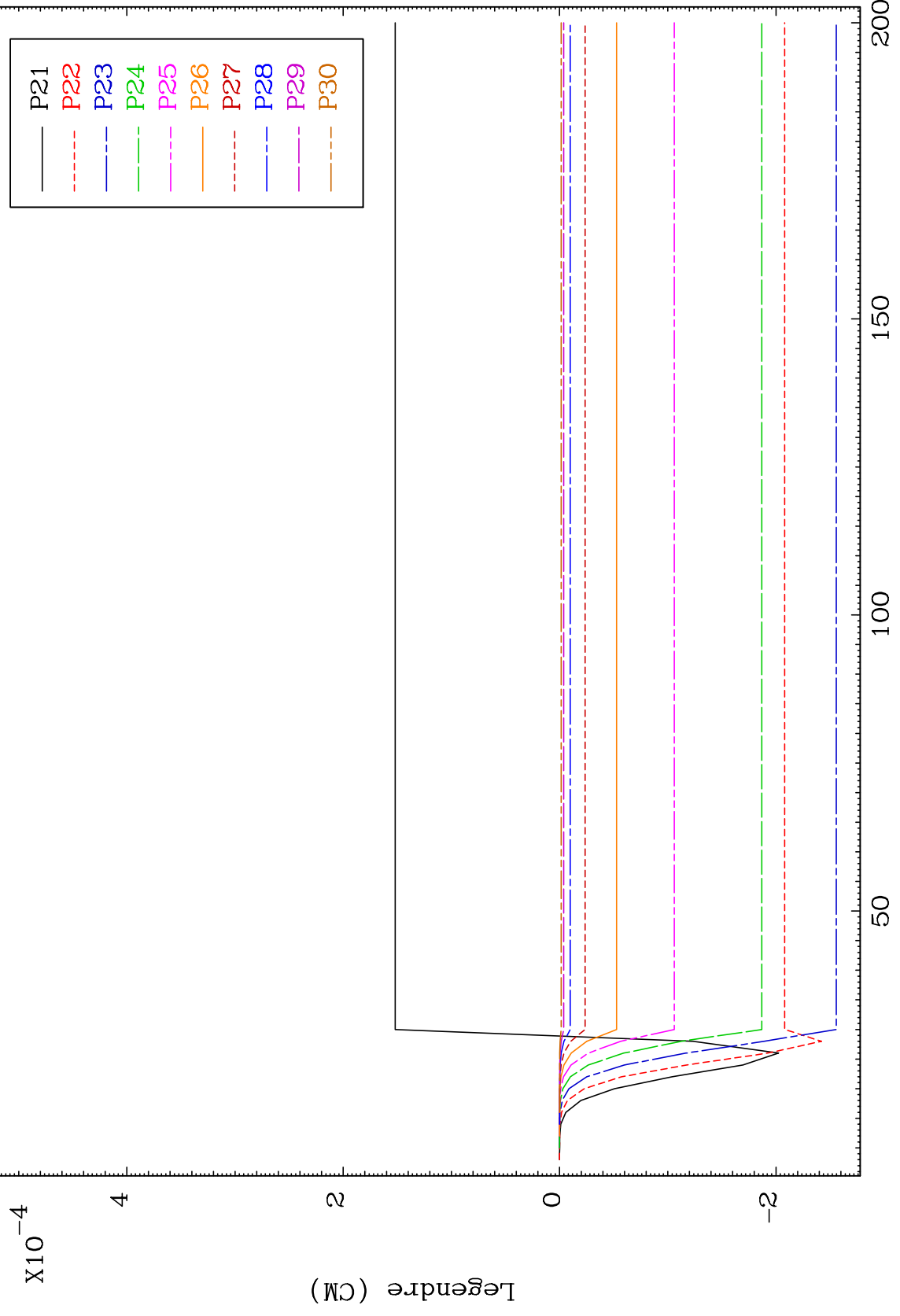




MAT 8025

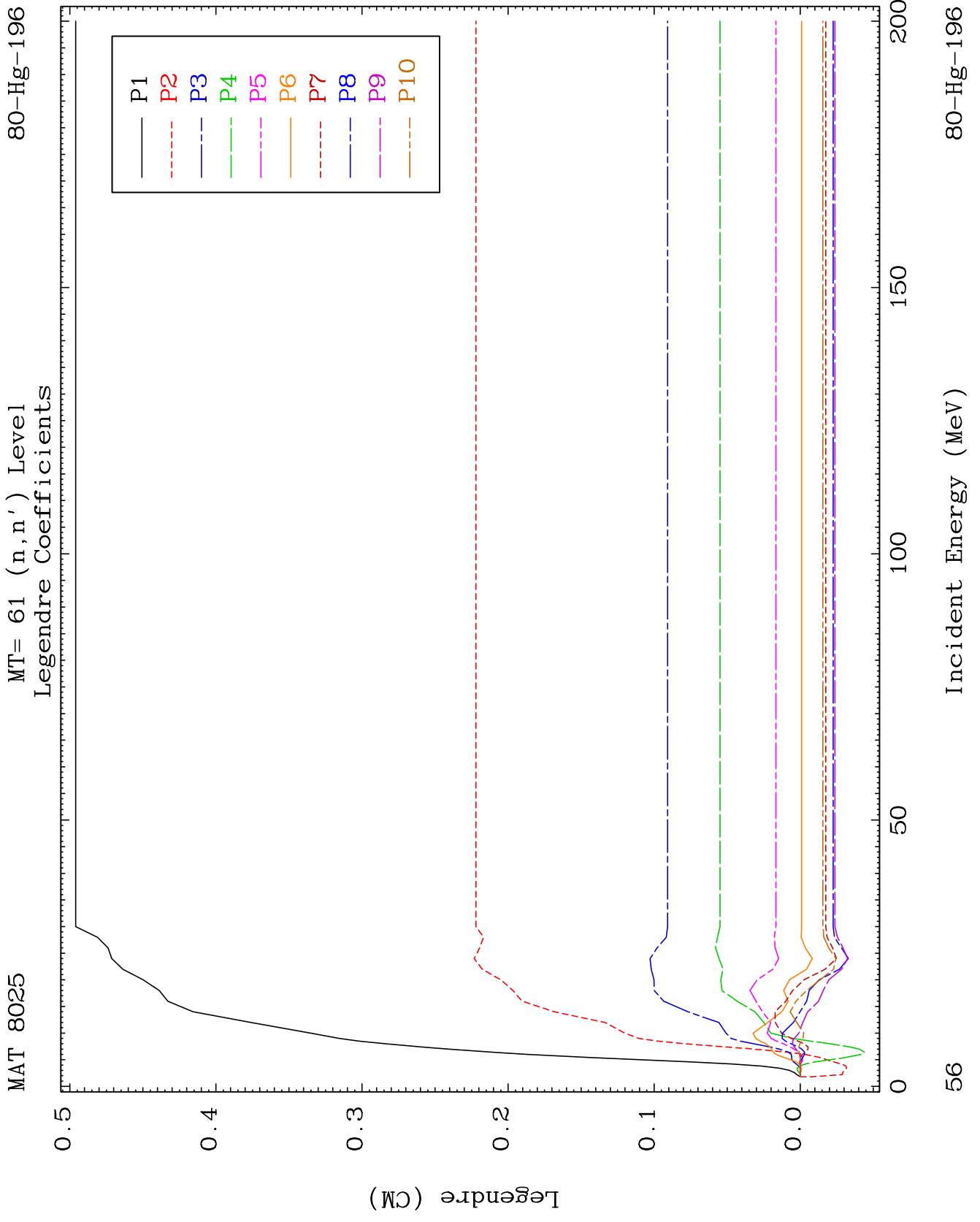
MT= 60 (n,n') Level
Legendre Coefficients

80-Hg-196



54

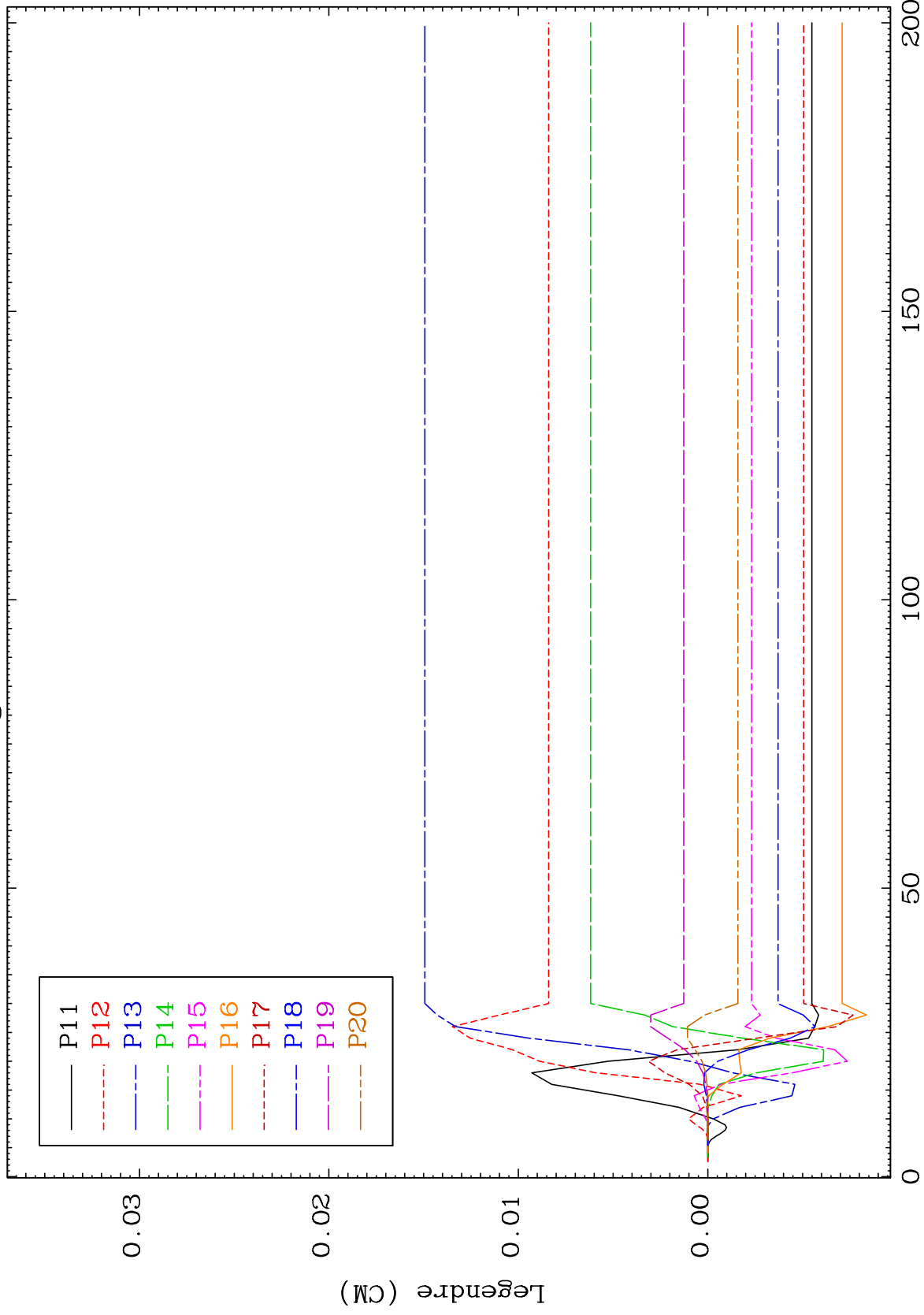
80-Hg-196



MAT 8025

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

80-Hg-196



57

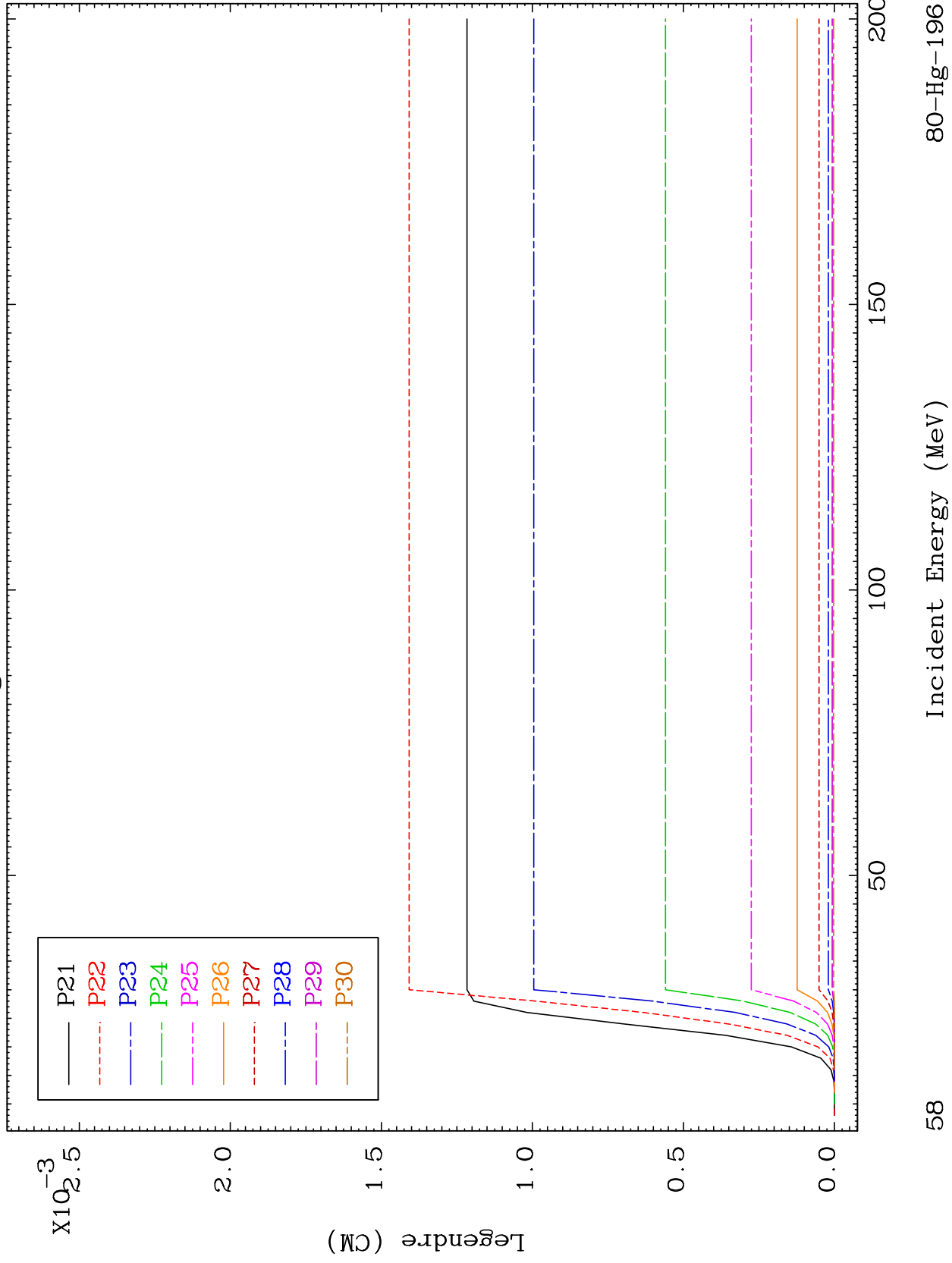
Incident Energy (MeV)

80-Hg-196

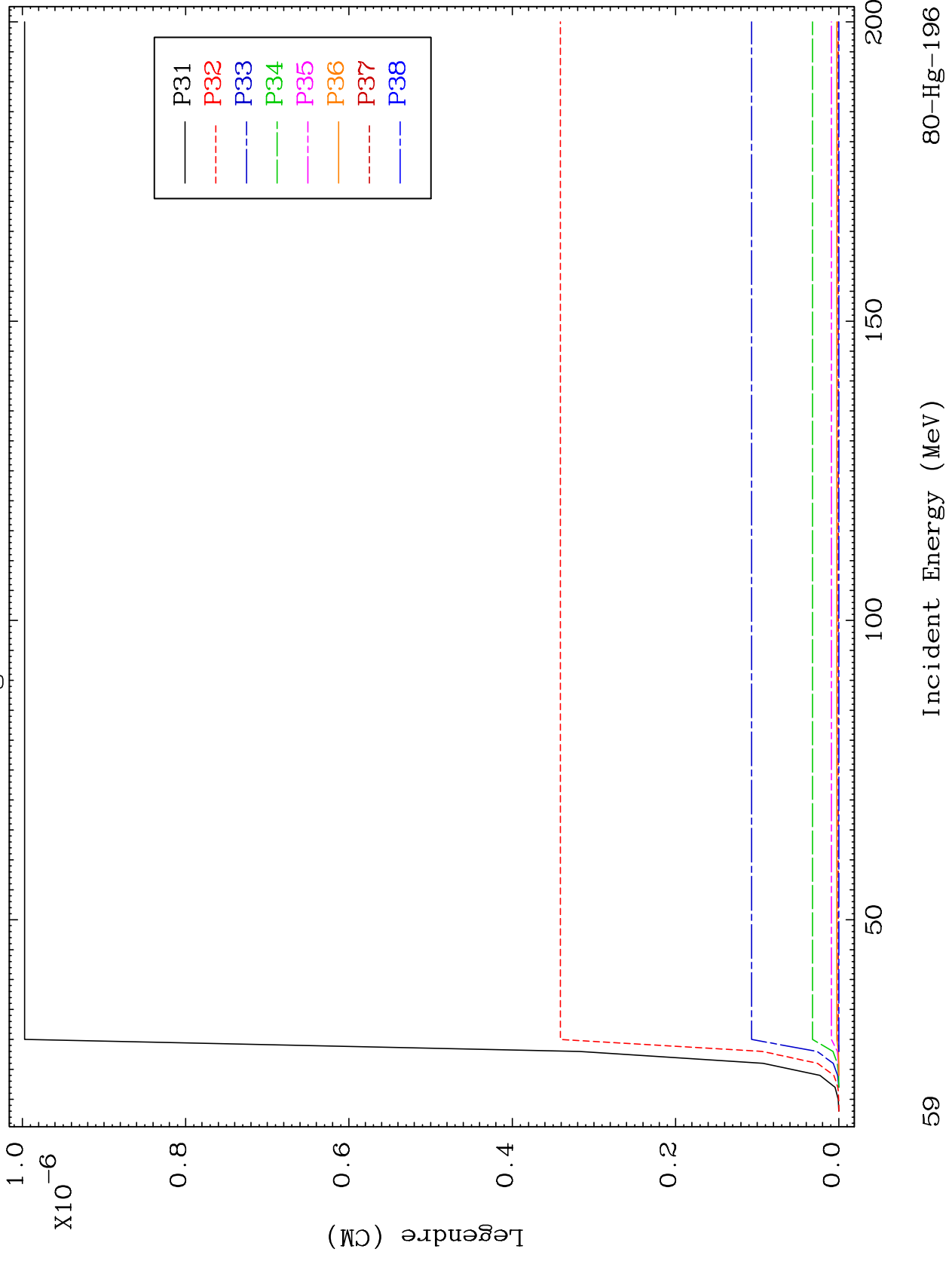
MAT 8025

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

80-Hg-196



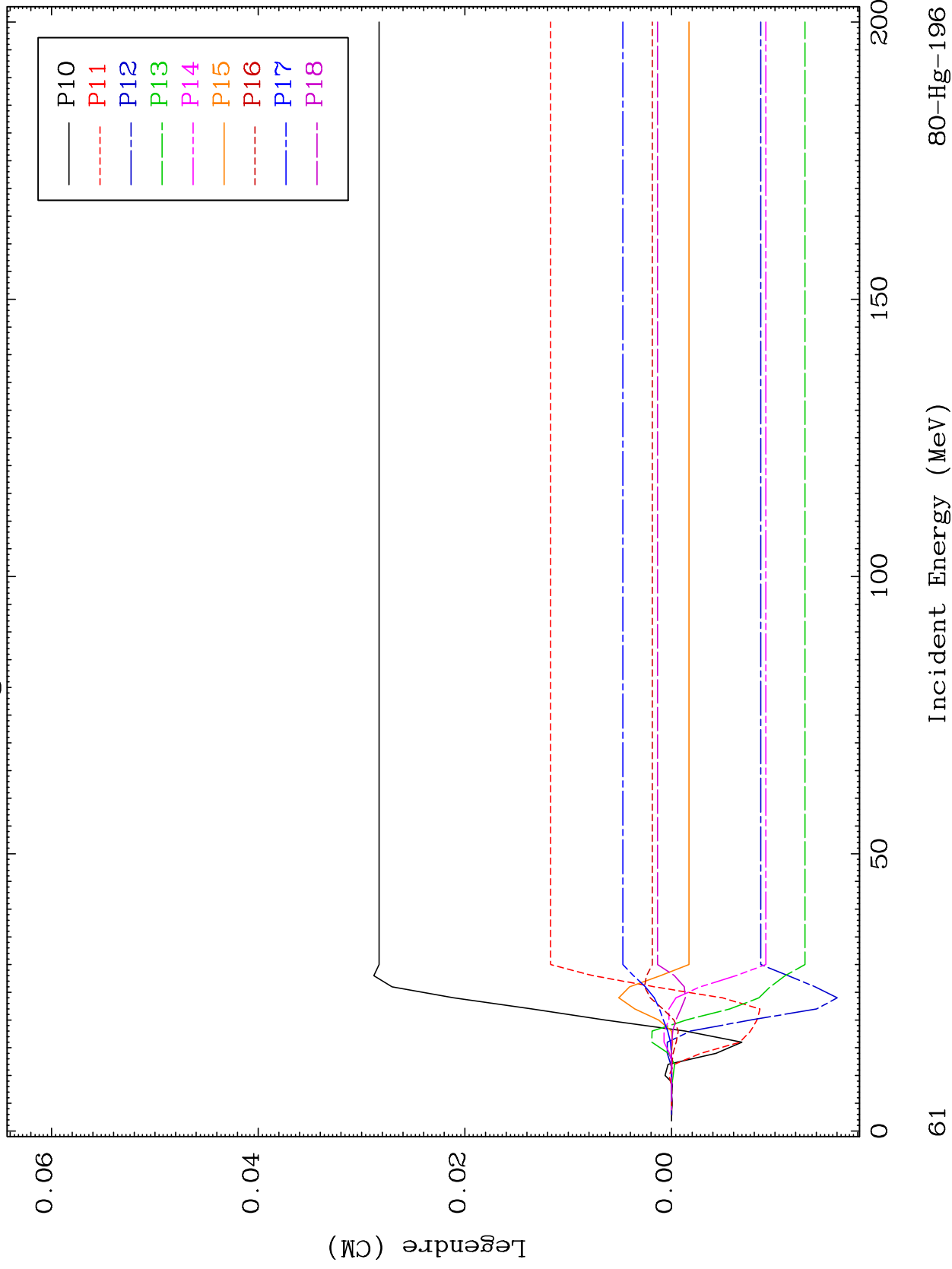
58



MAT 8025

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

80-Hg-196



61

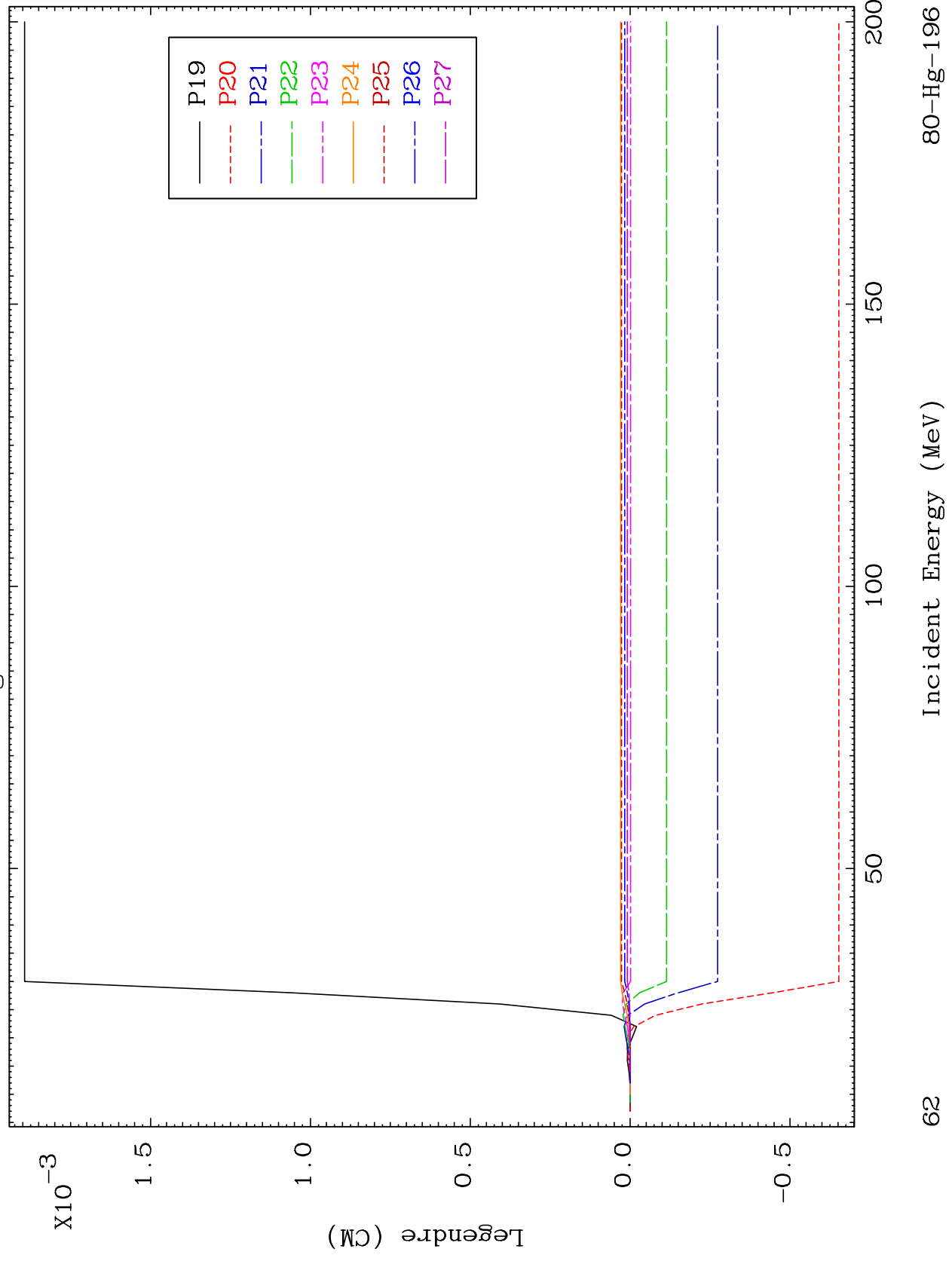
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

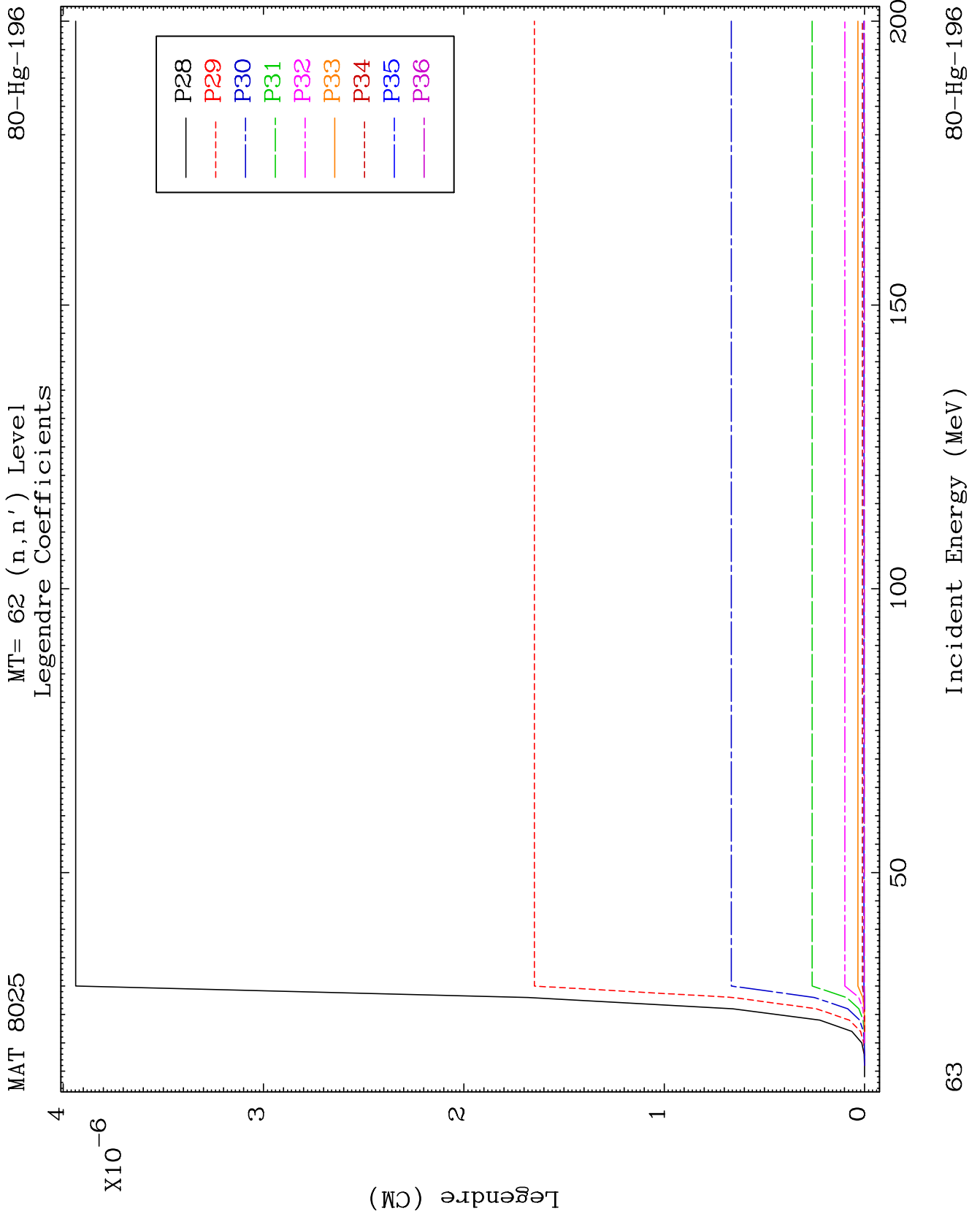
80-Hg-196



62

Incident Energy (MeV)

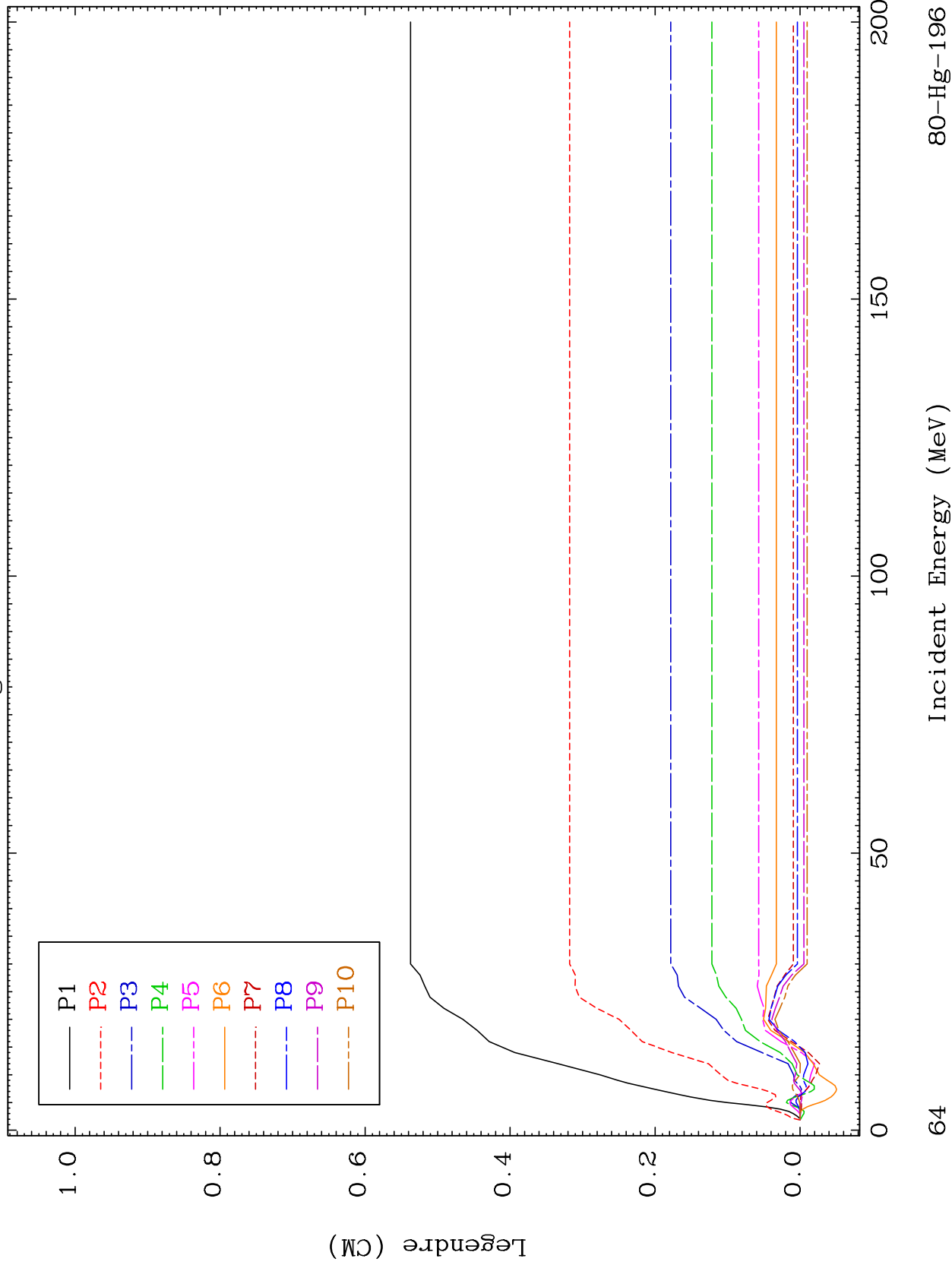
80-Hg-196



MAT 8025

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

80-Hg-196



80-Hg-196

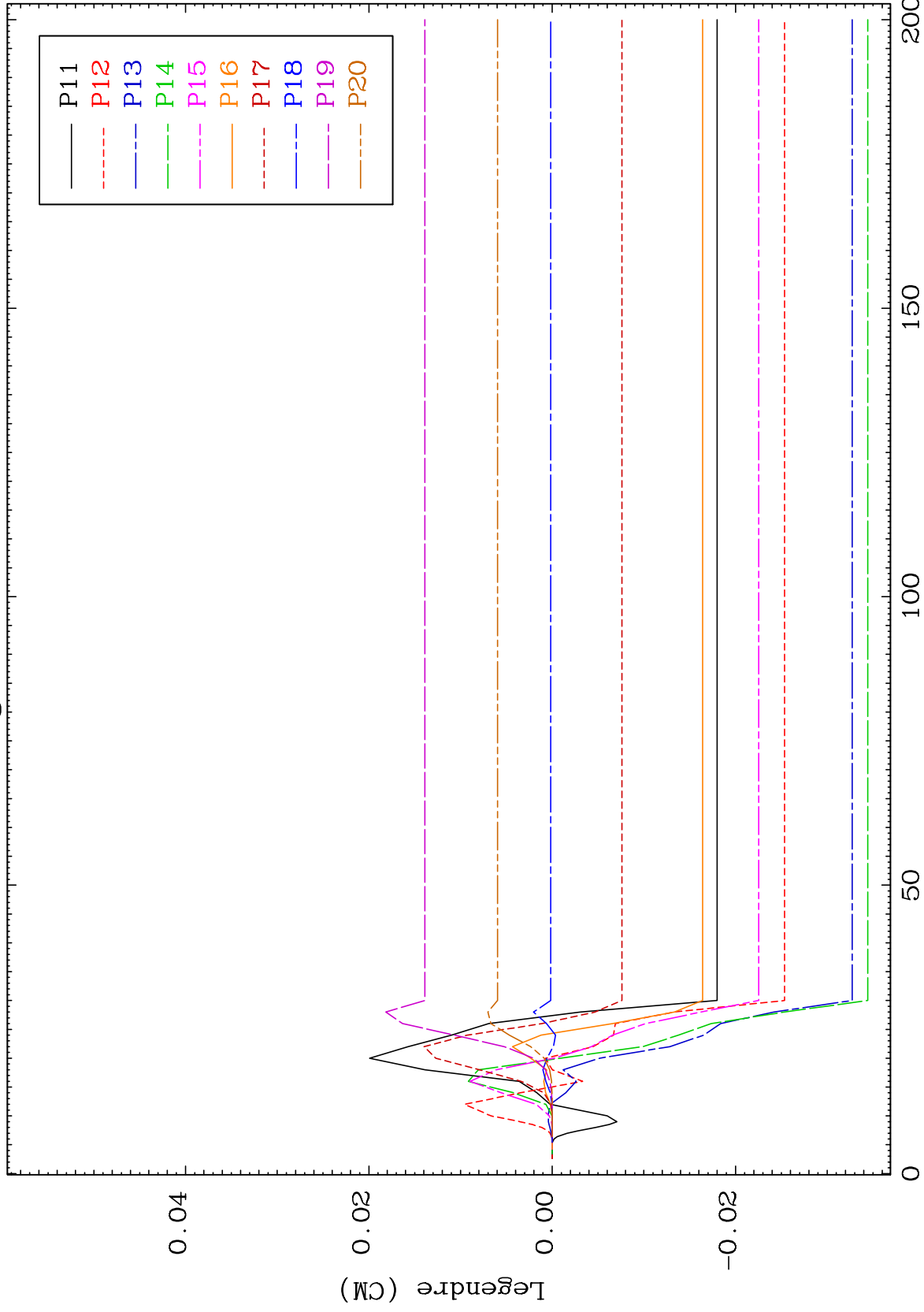
Incident Energy (MeV)

64

MAT 8025

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

80-Hg-196



65

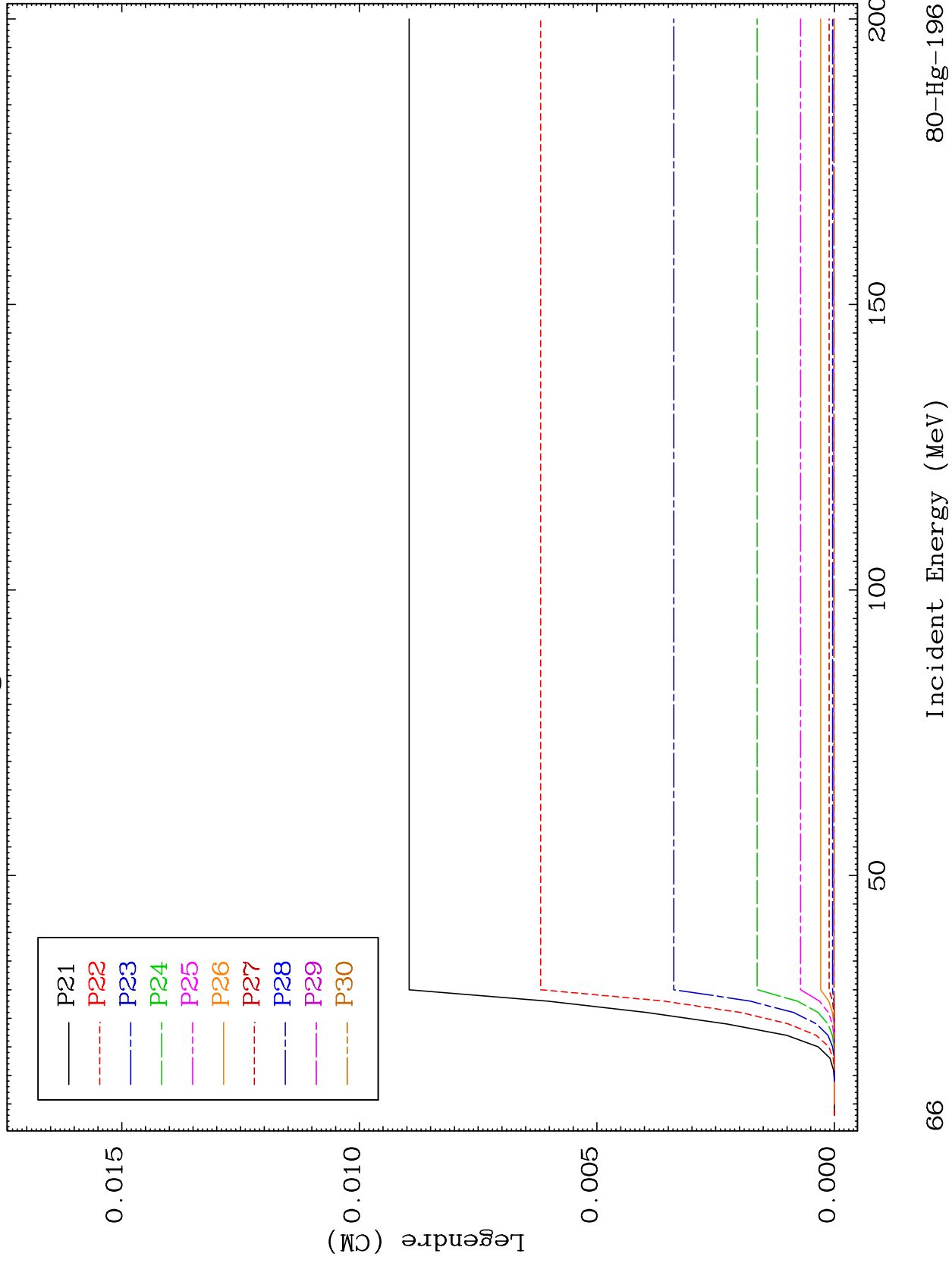
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



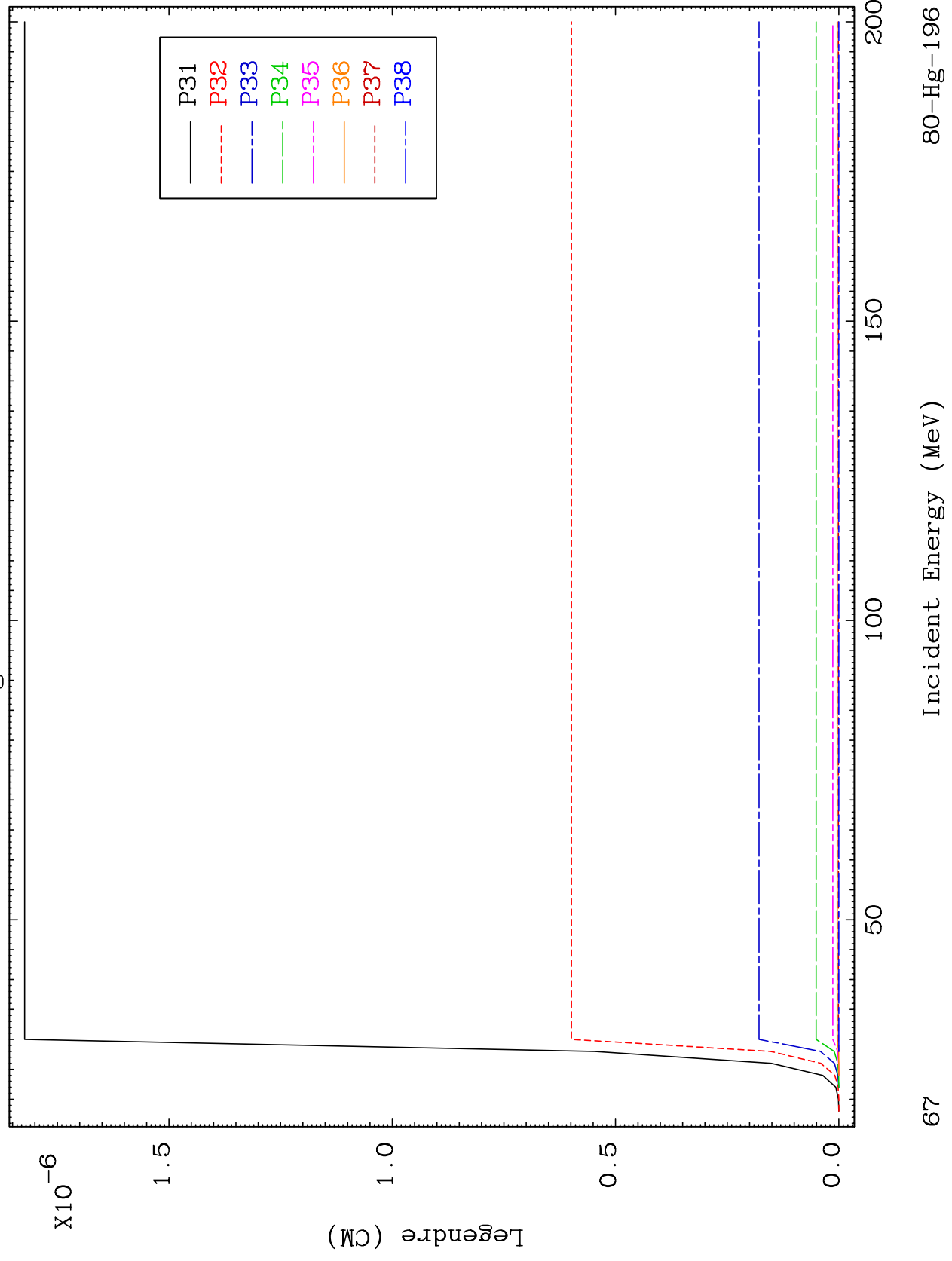
66

80-Hg-196

MAT 8025

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

80-Hg-196



67

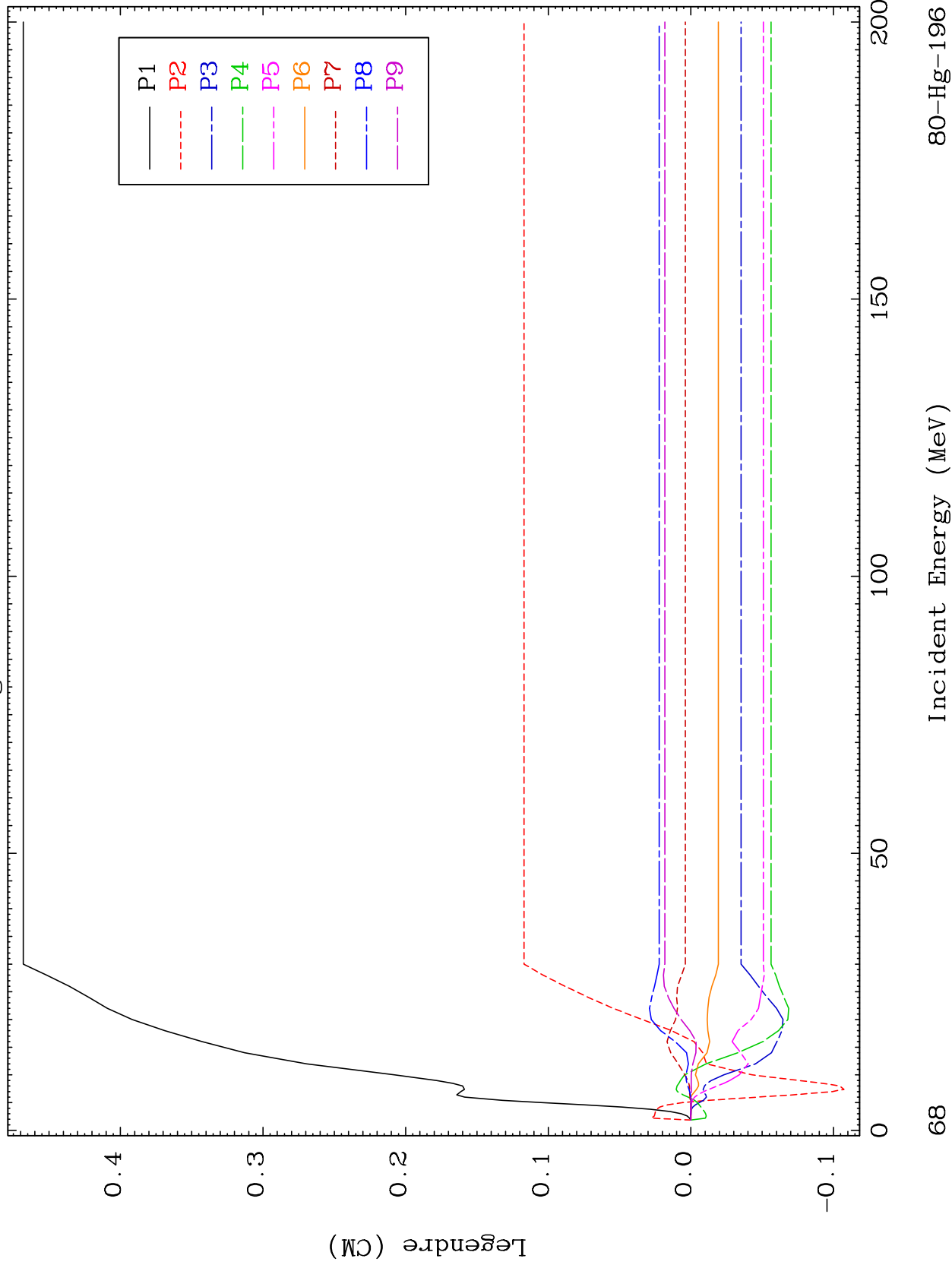
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



80-Hg-196

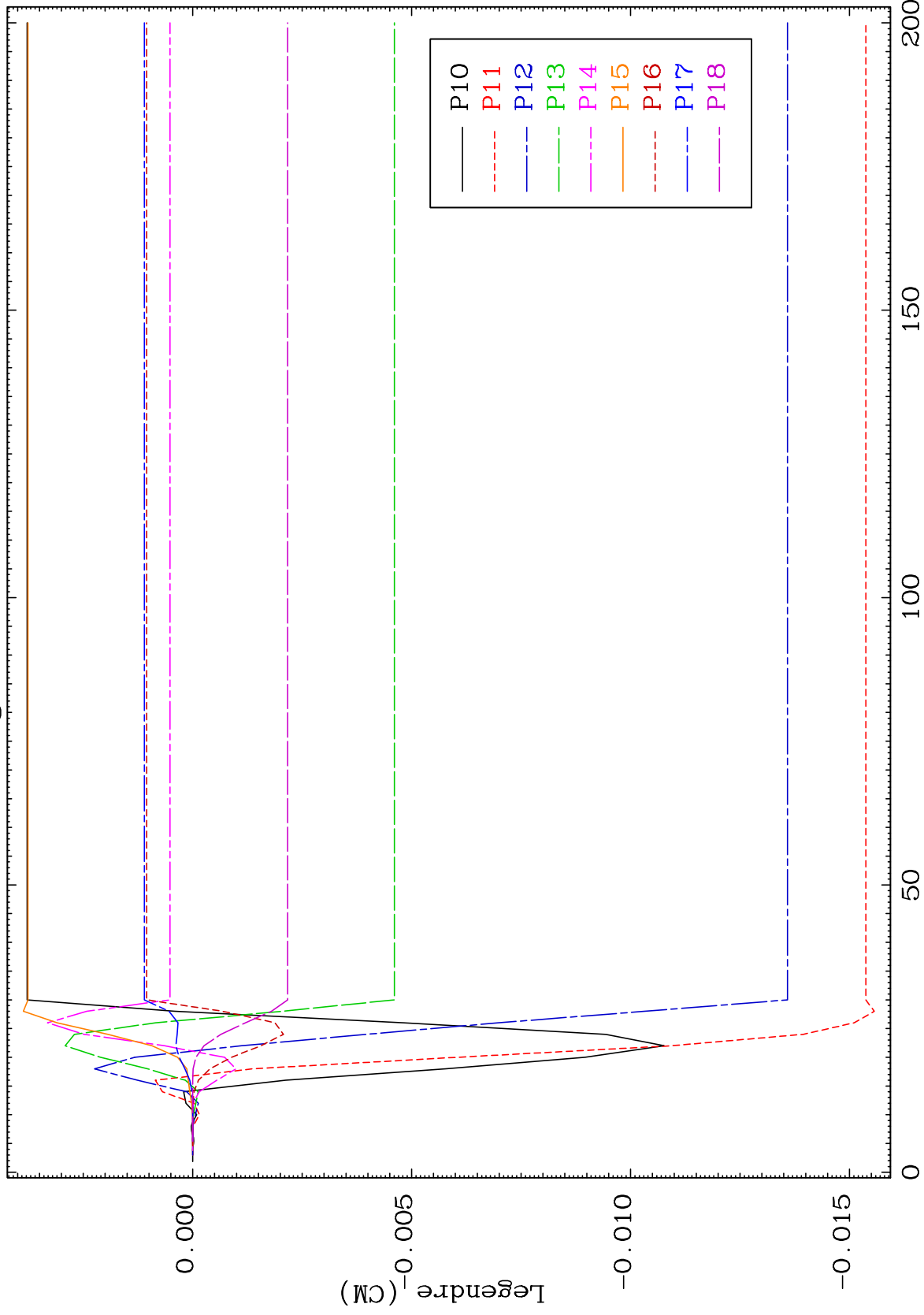
Incident Energy (MeV)

68

MAT 8025

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

80-Hg-196



69

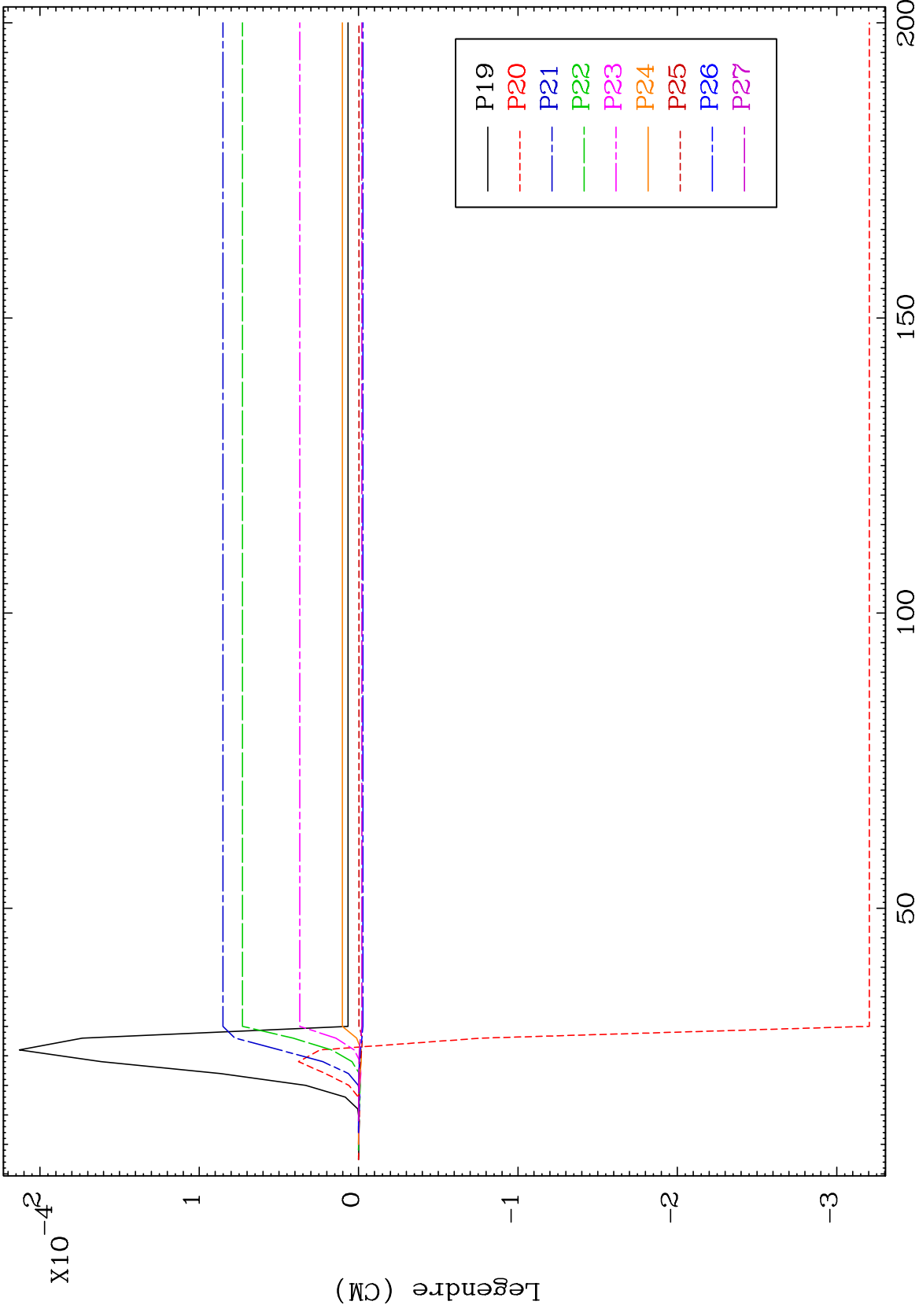
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

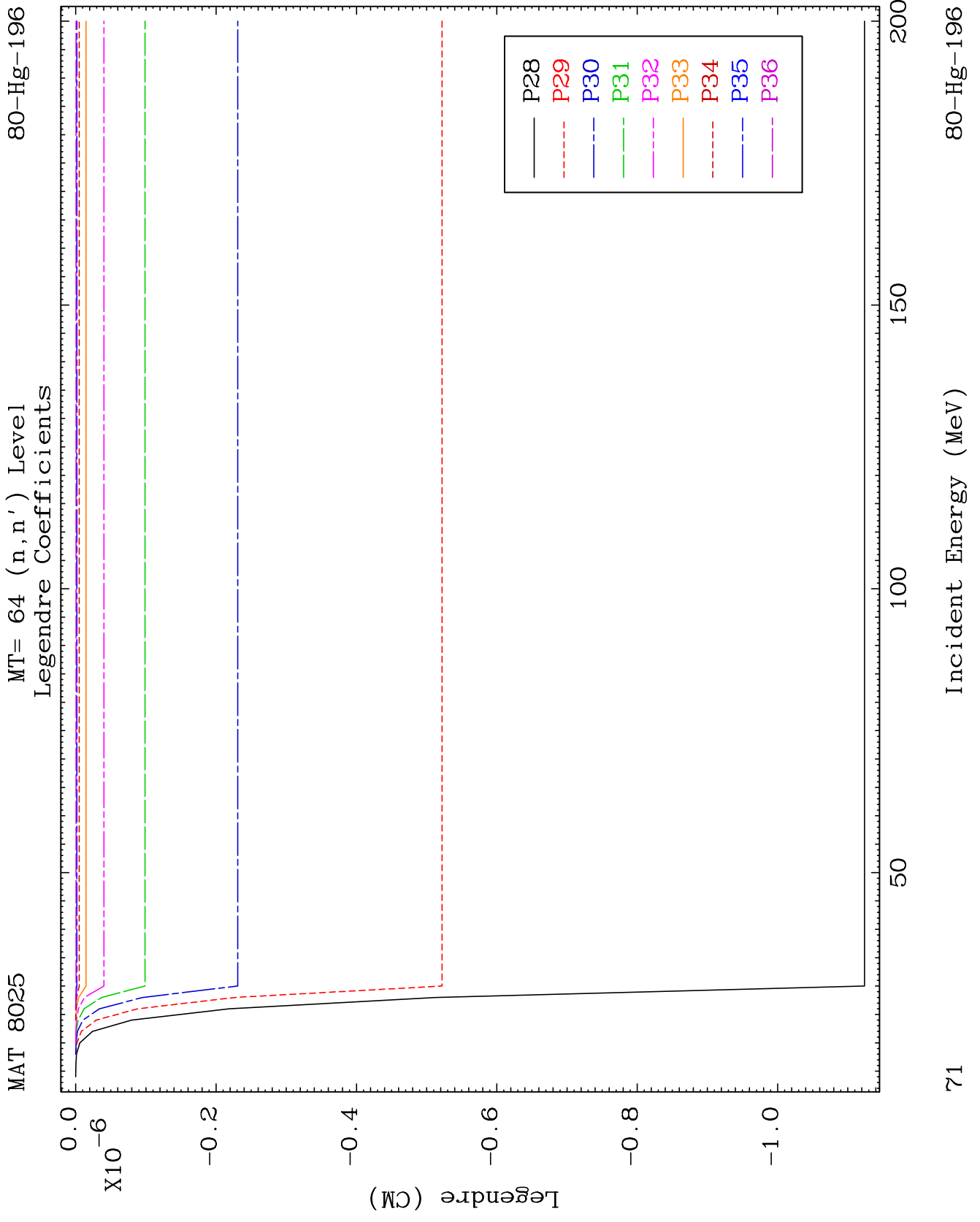
80-Hg-196



70

Incident Energy (MeV)

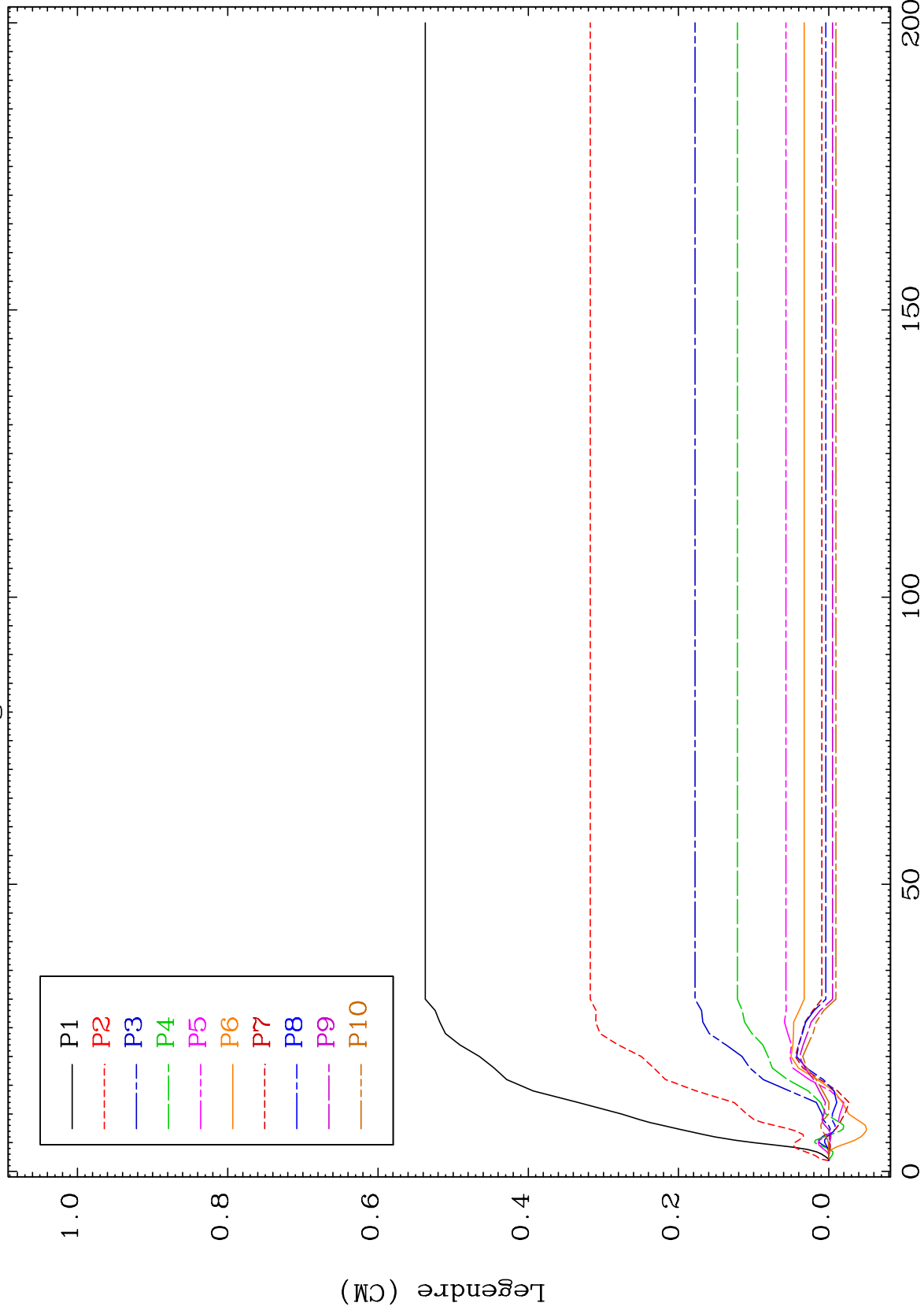
80-Hg-196



MAT 8025

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

80-Hg-196



72

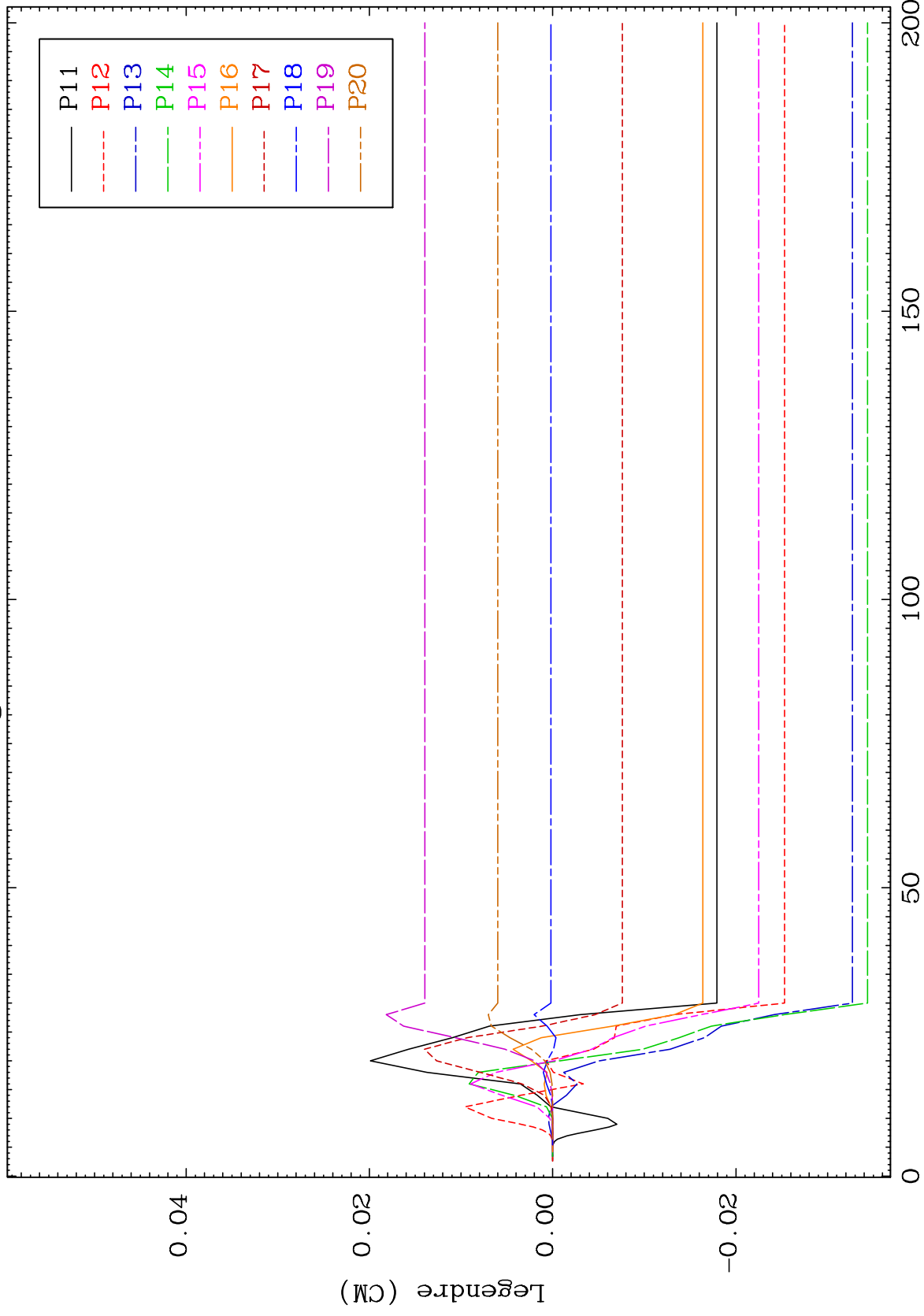
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



73

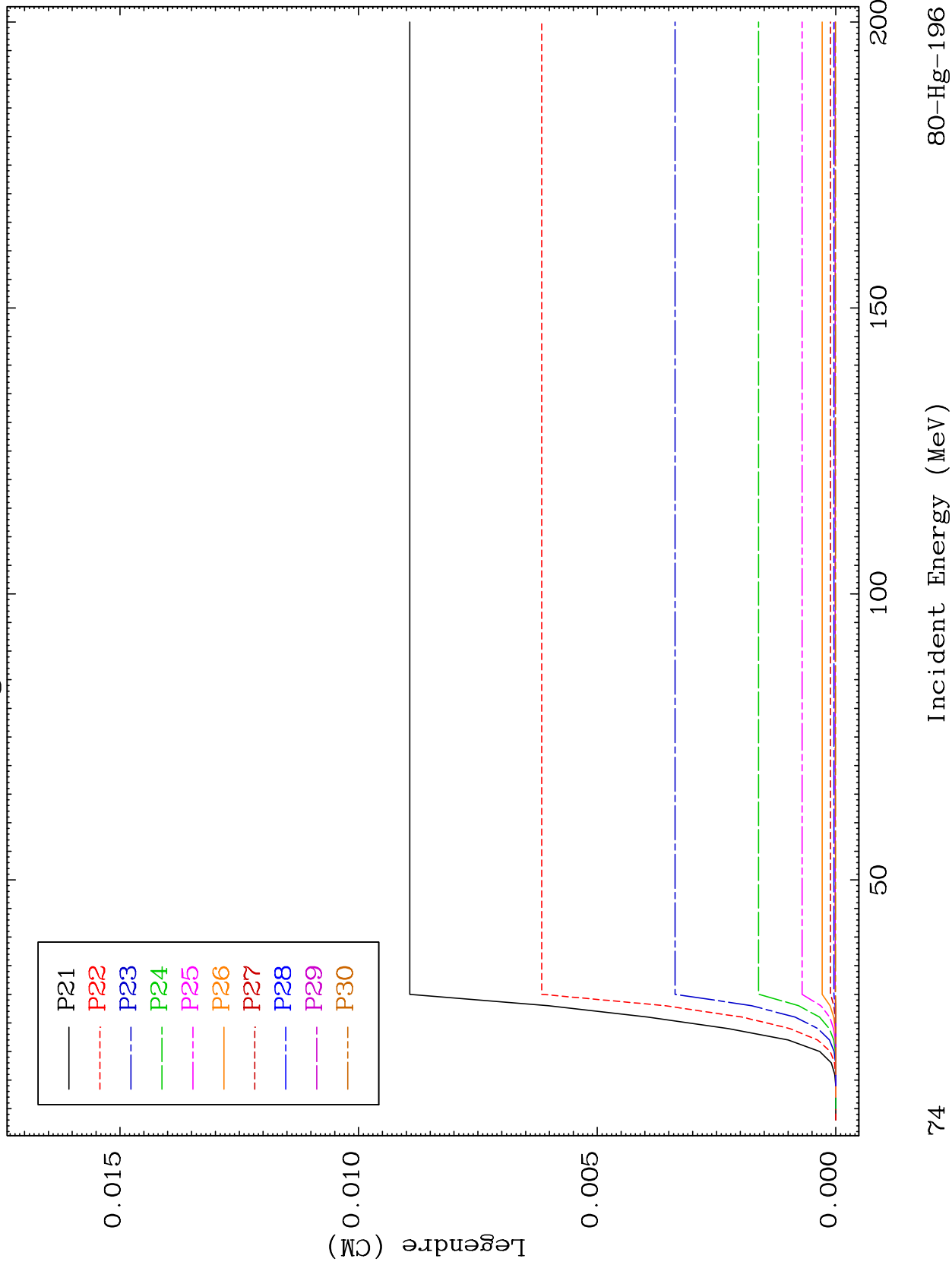
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



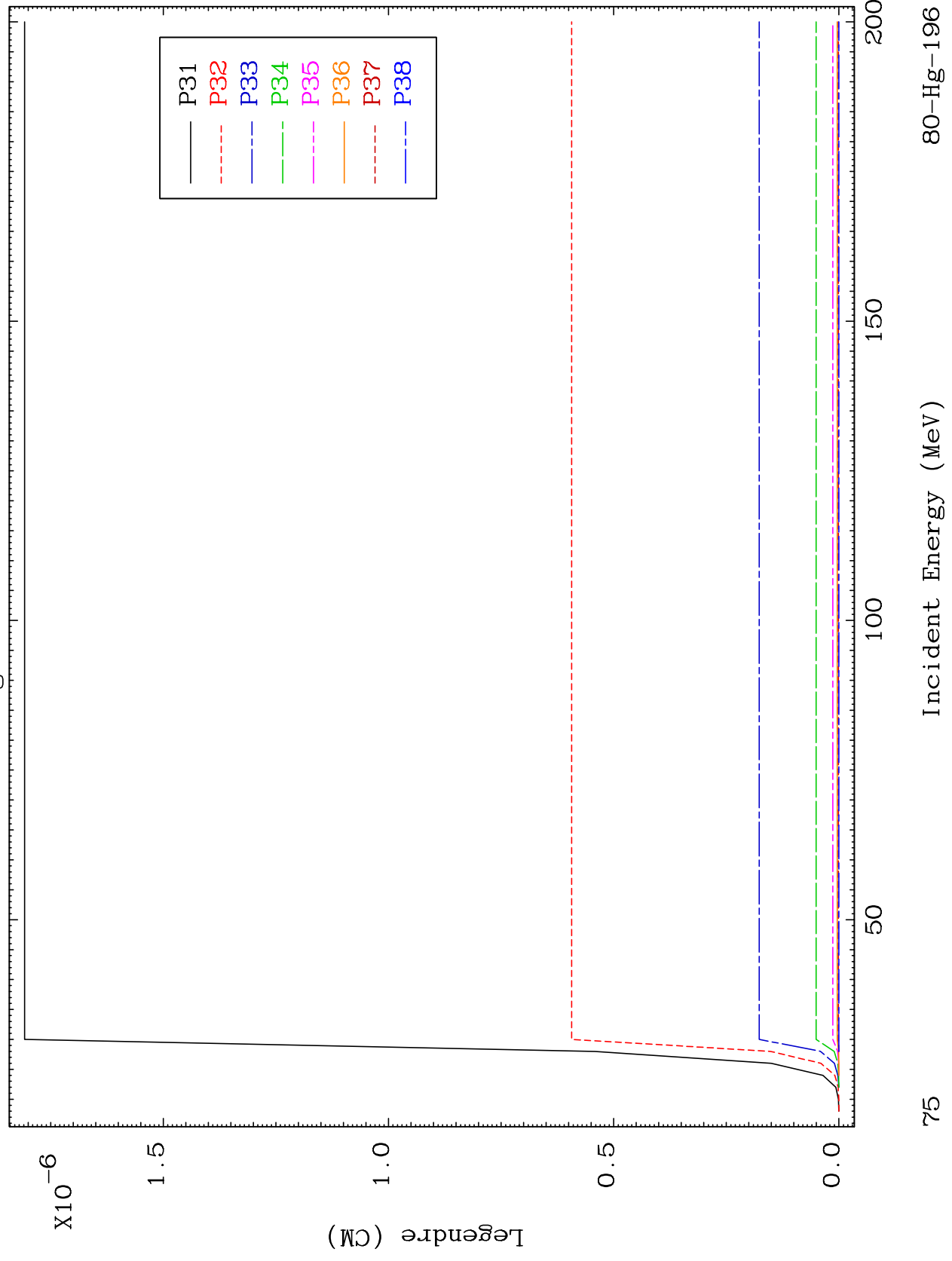
74

80-Hg-196

MAT 8025

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

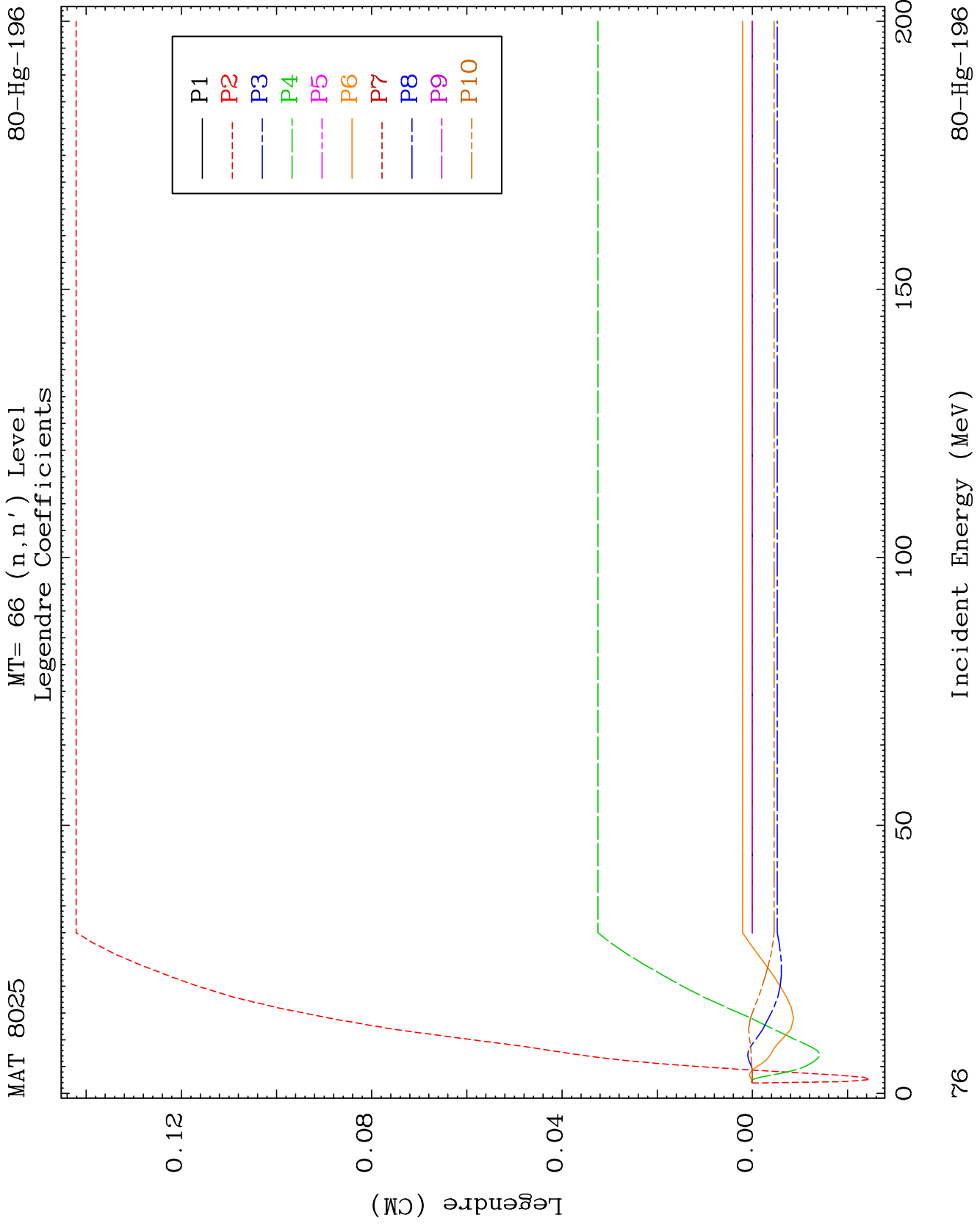
80-Hg-196



75

Incident Energy (MeV)

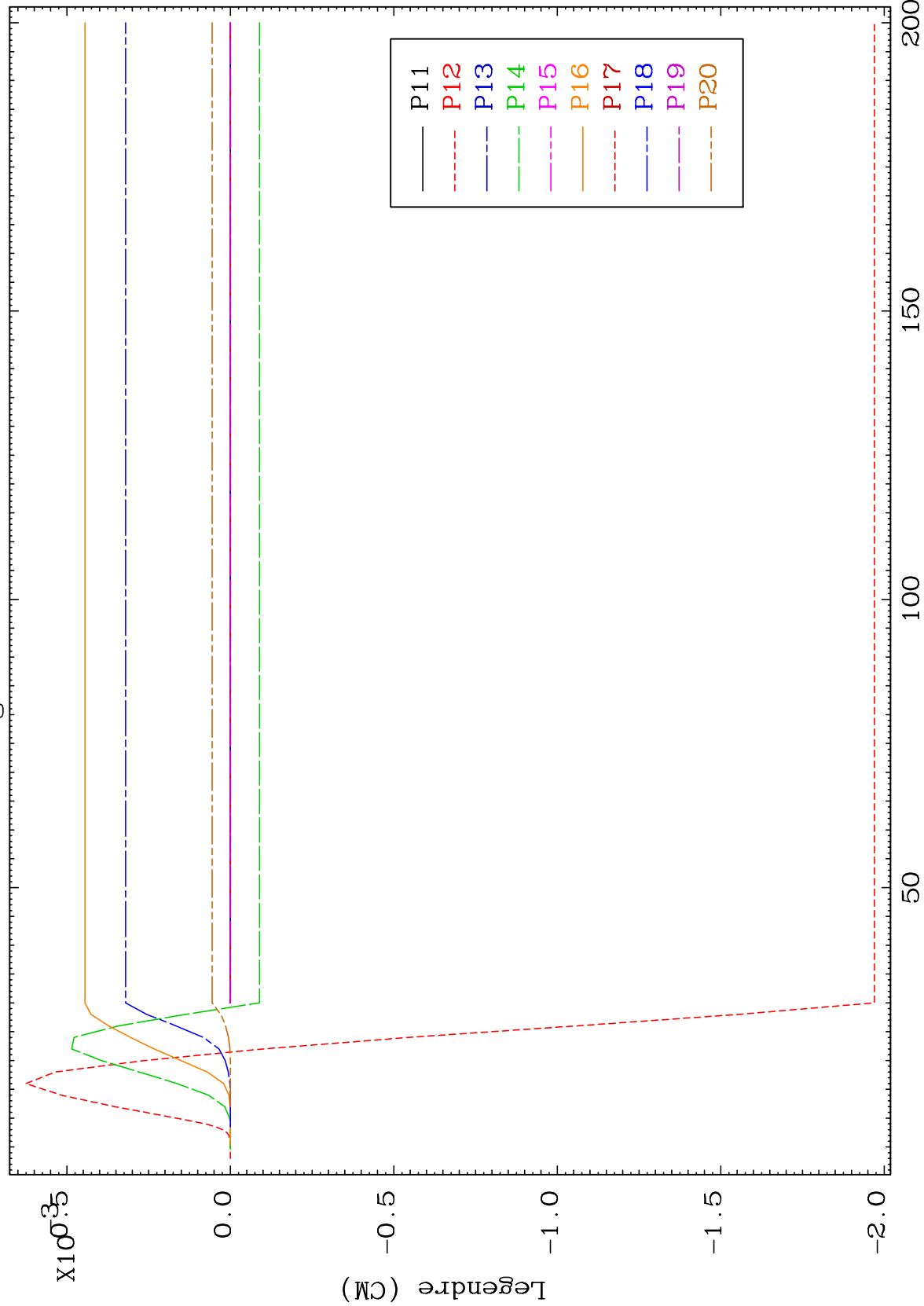
80-Hg-196



MAT 8025

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

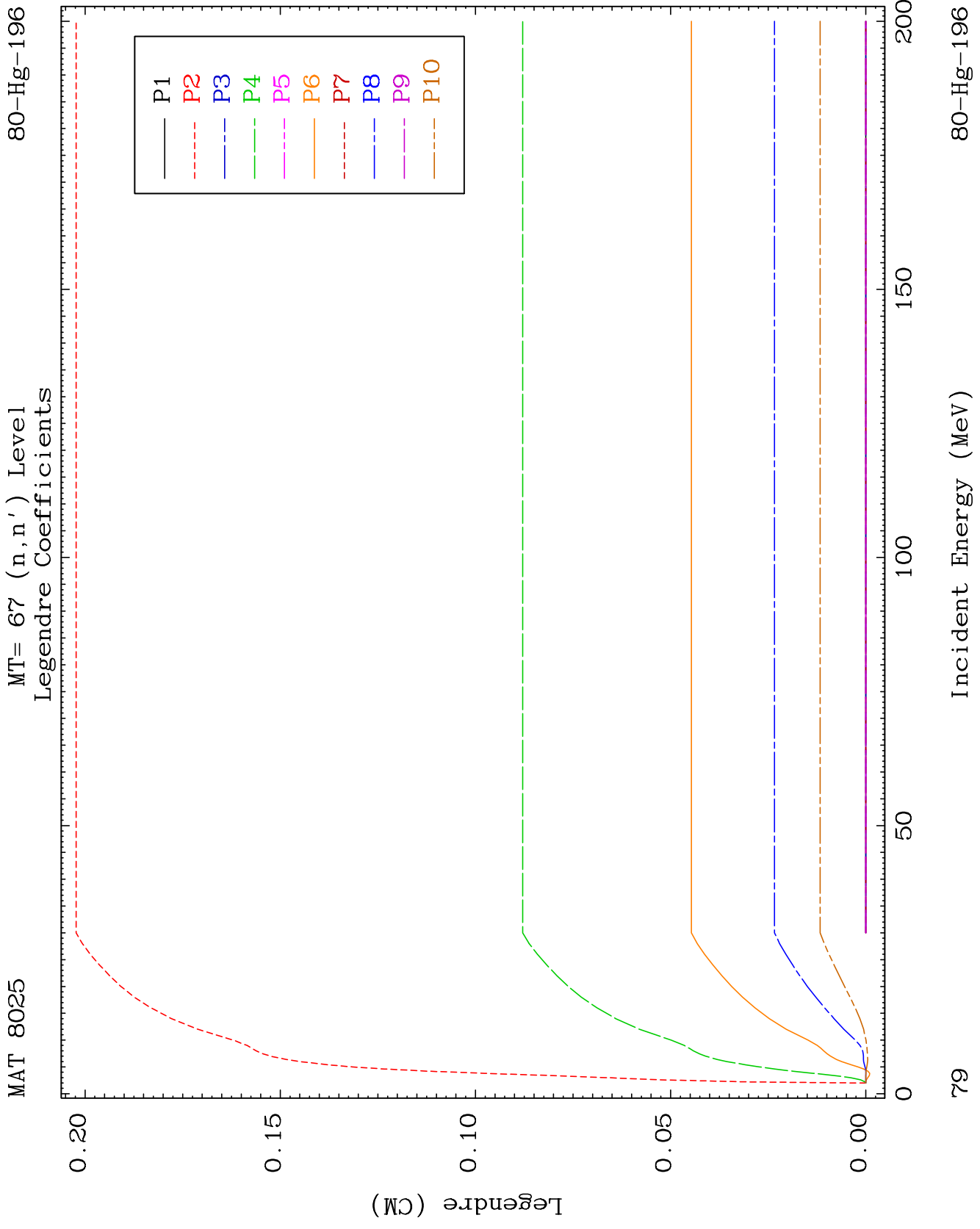
80-Hg-196

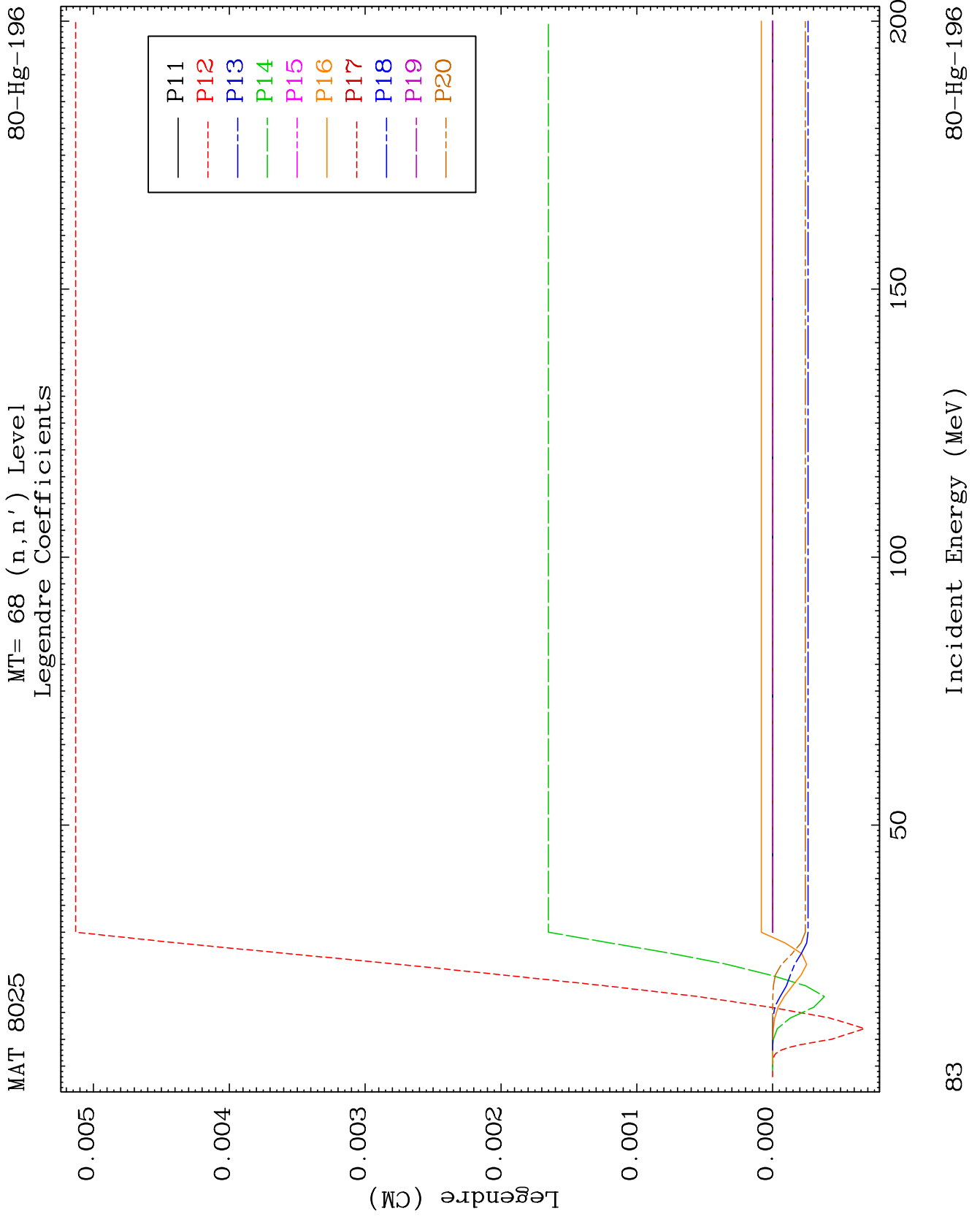


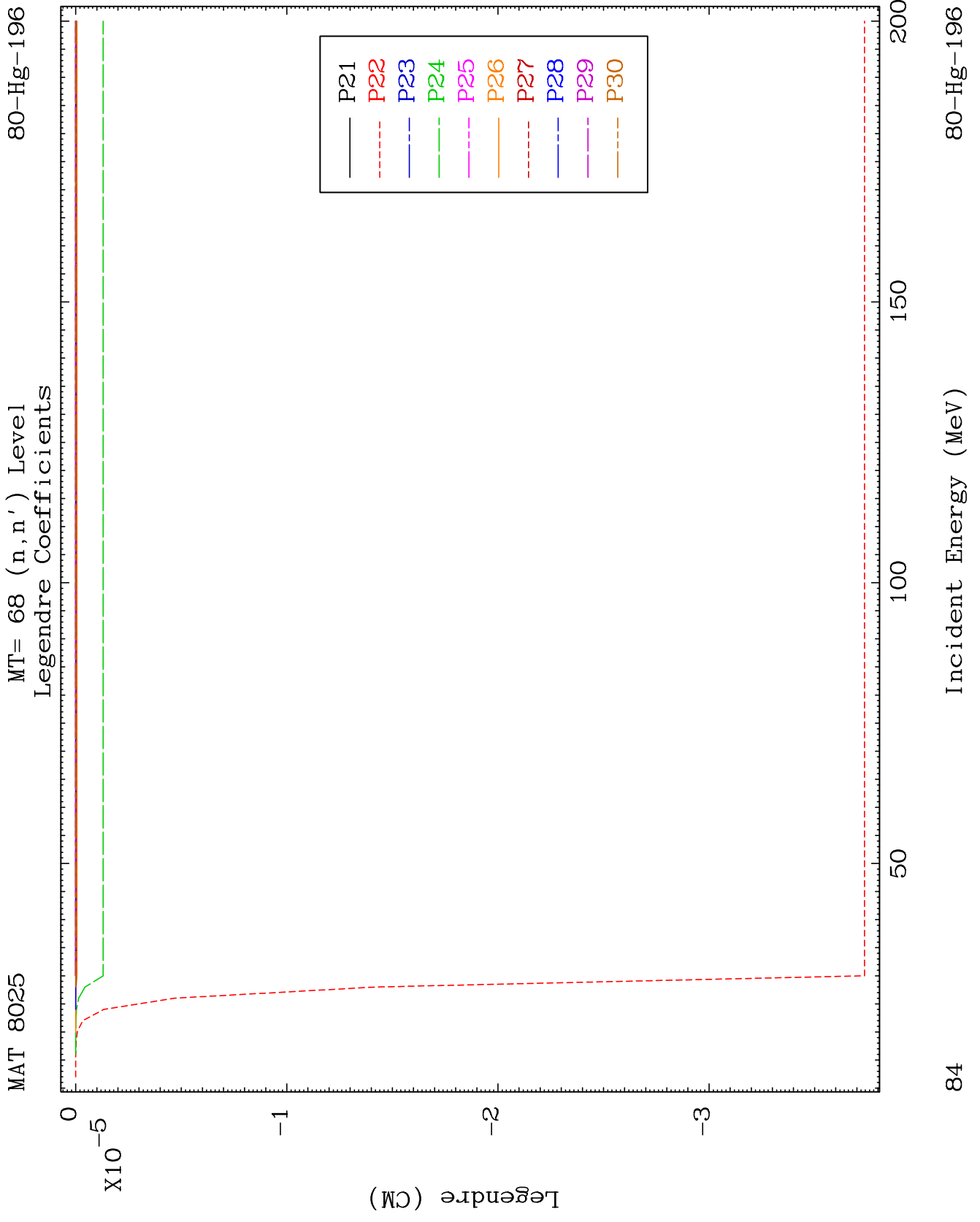
77

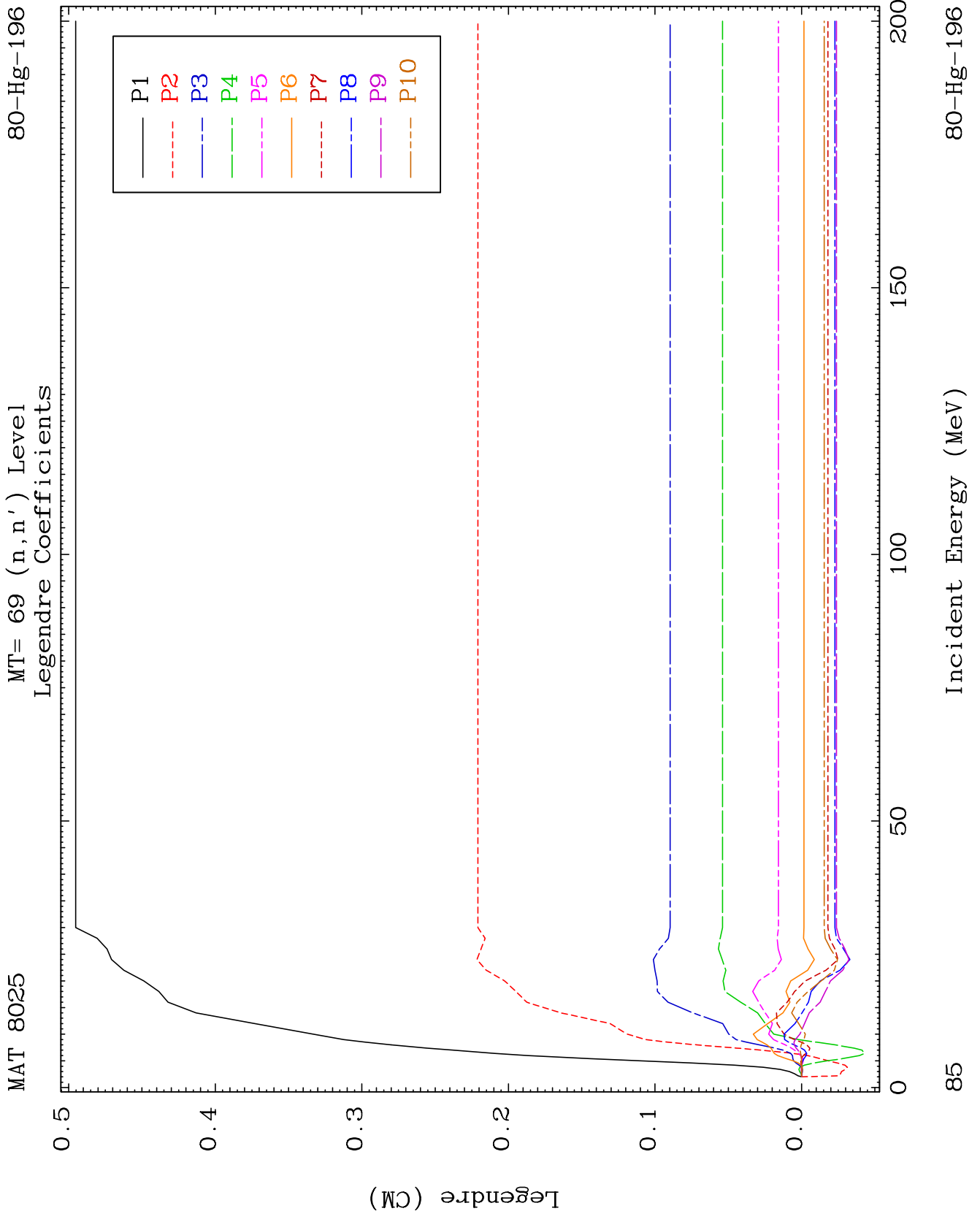
Incident Energy (MeV)

80-Hg-196





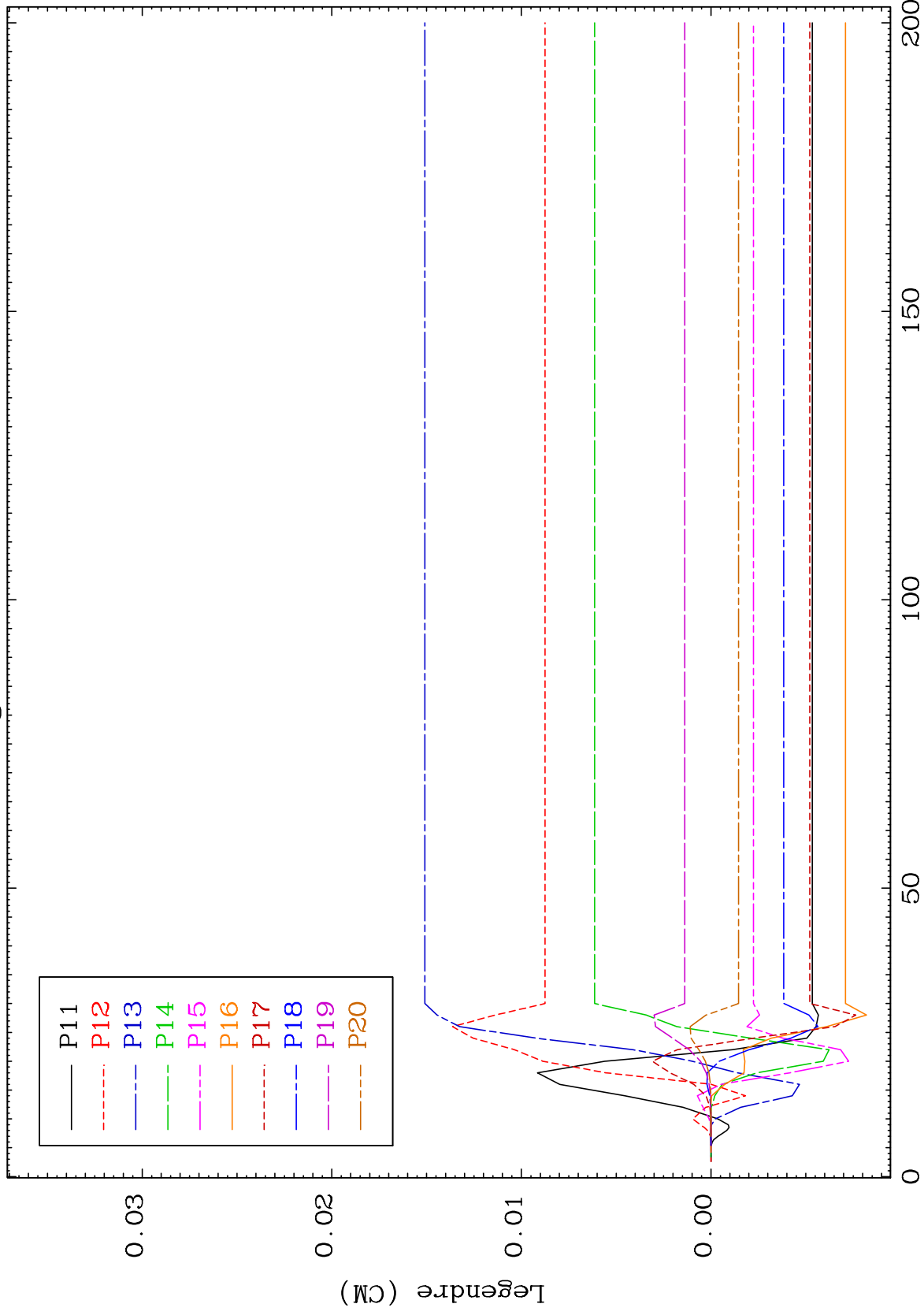




MAT 8025

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

80-Hg-196



86

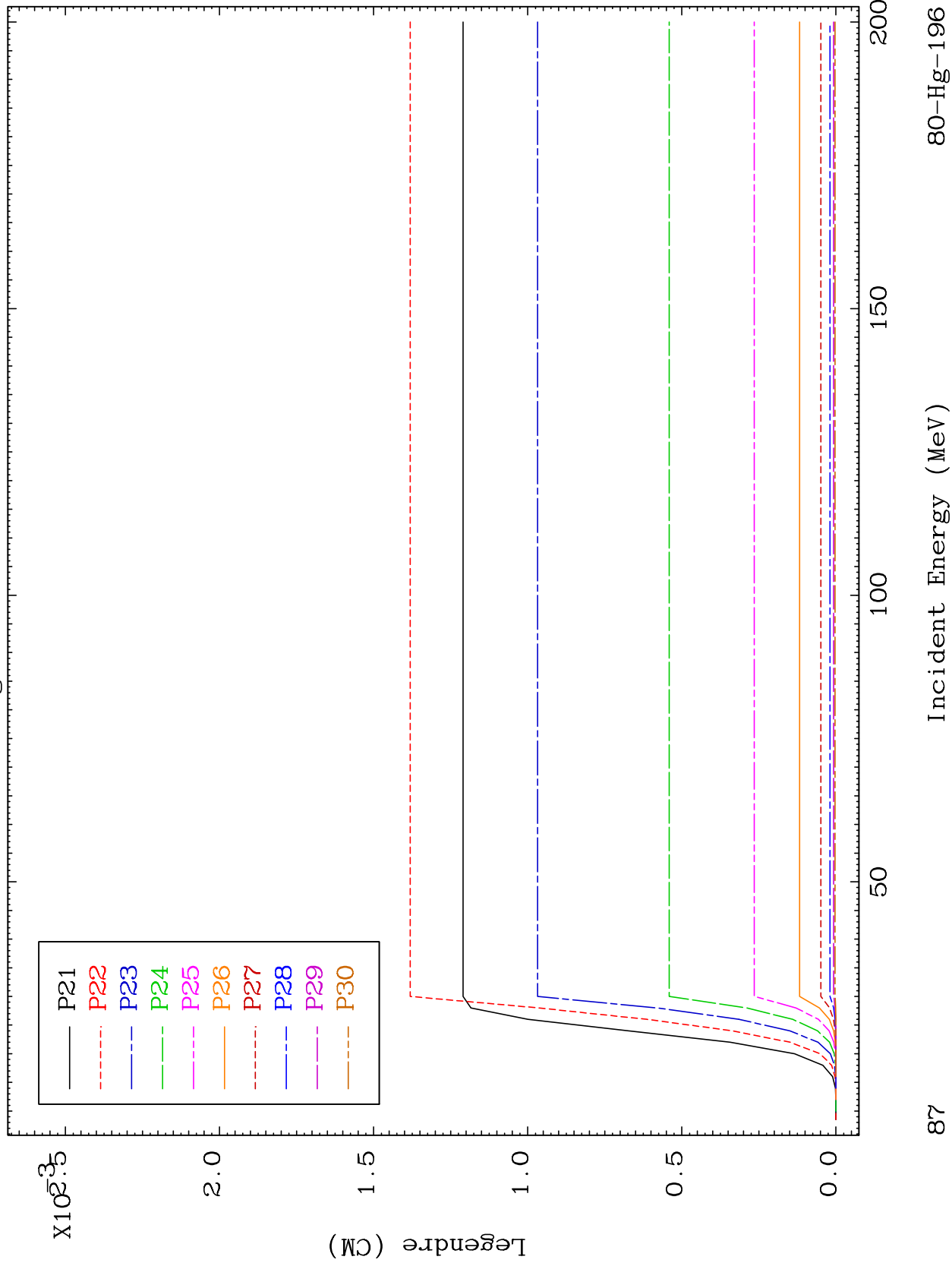
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

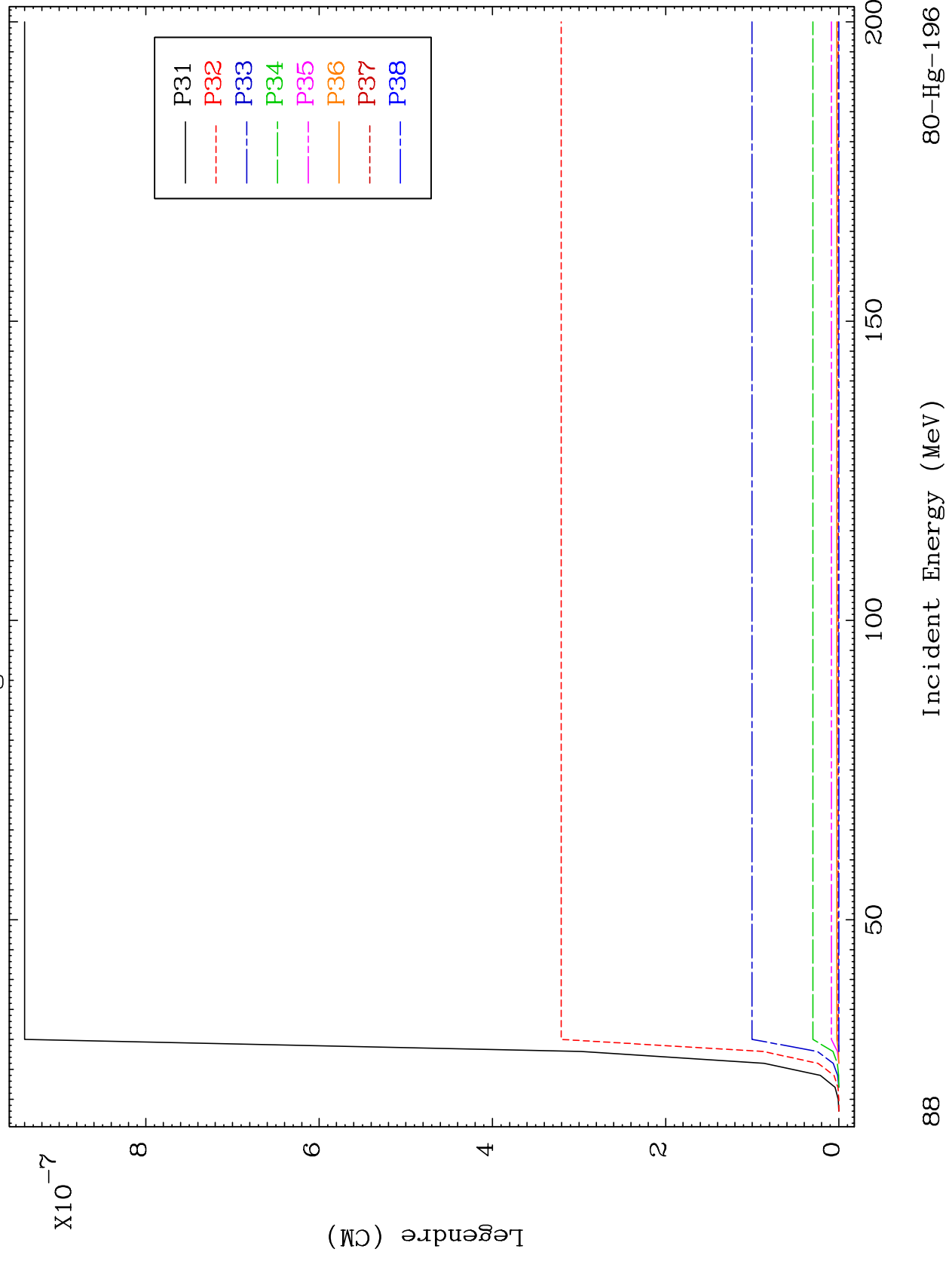
80-Hg-196



MAT 8025

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

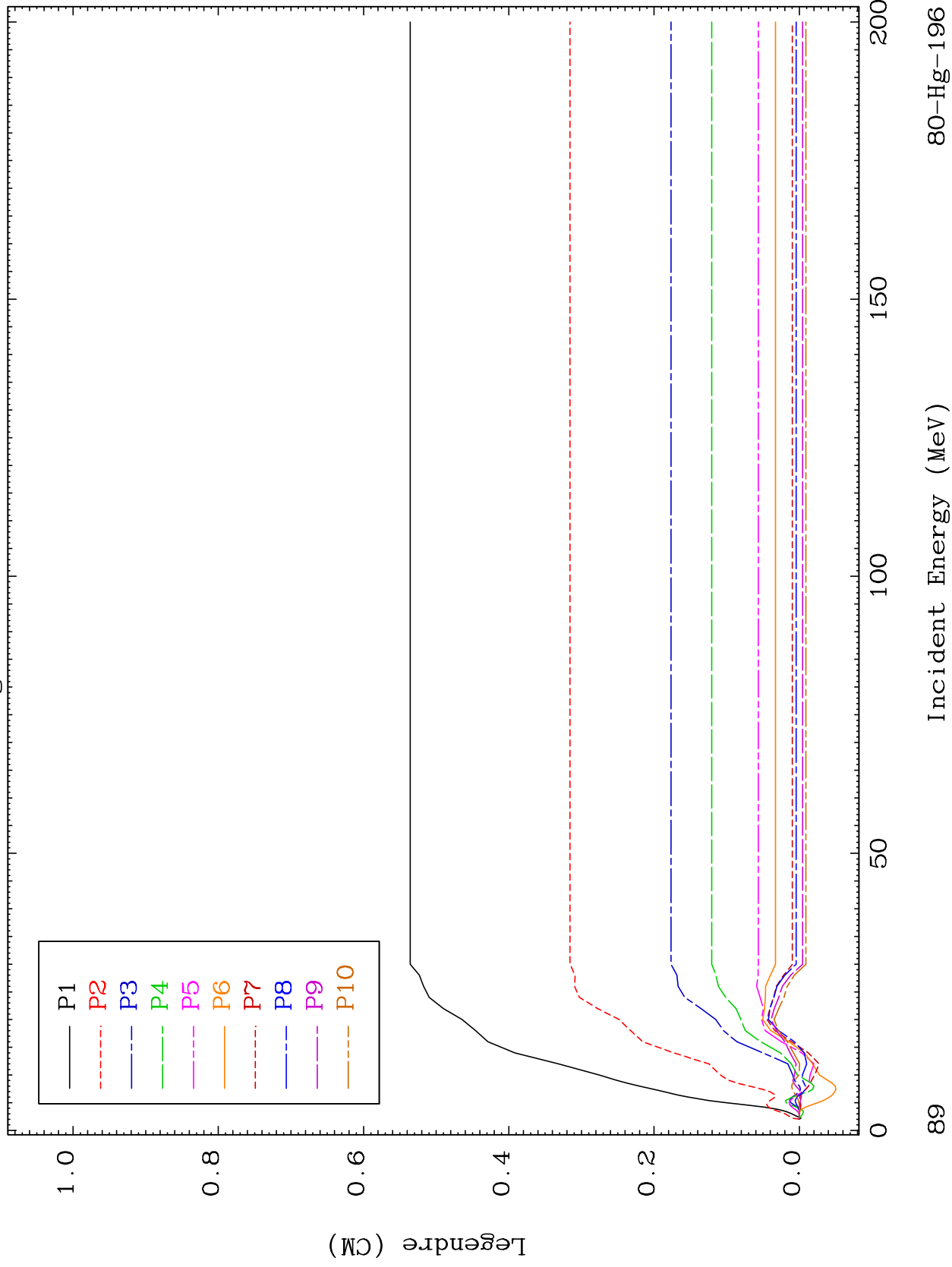
80-Hg-196



MAT 8025

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

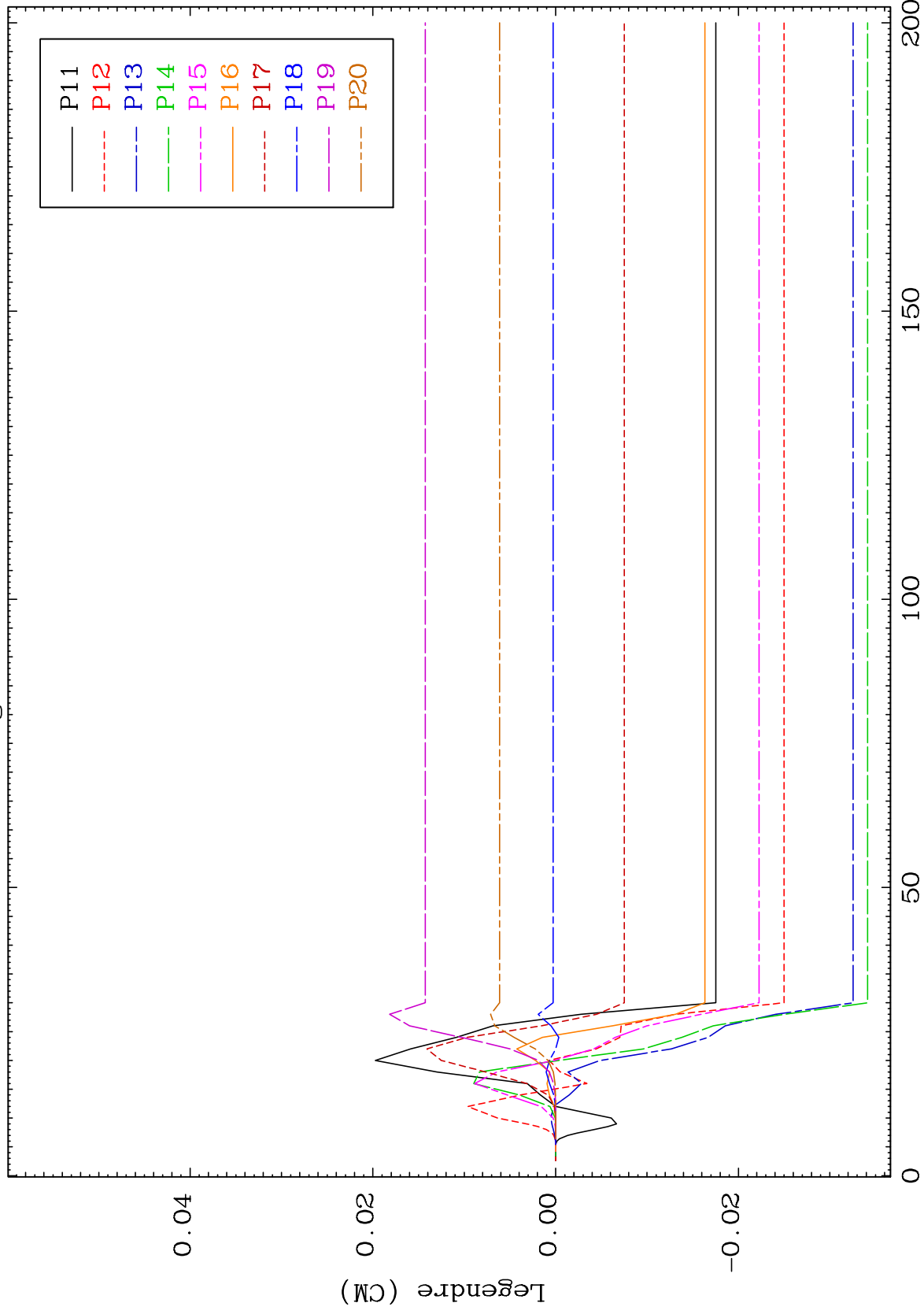
80-Hg-196



MAT 8025

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

80-Hg-196



90

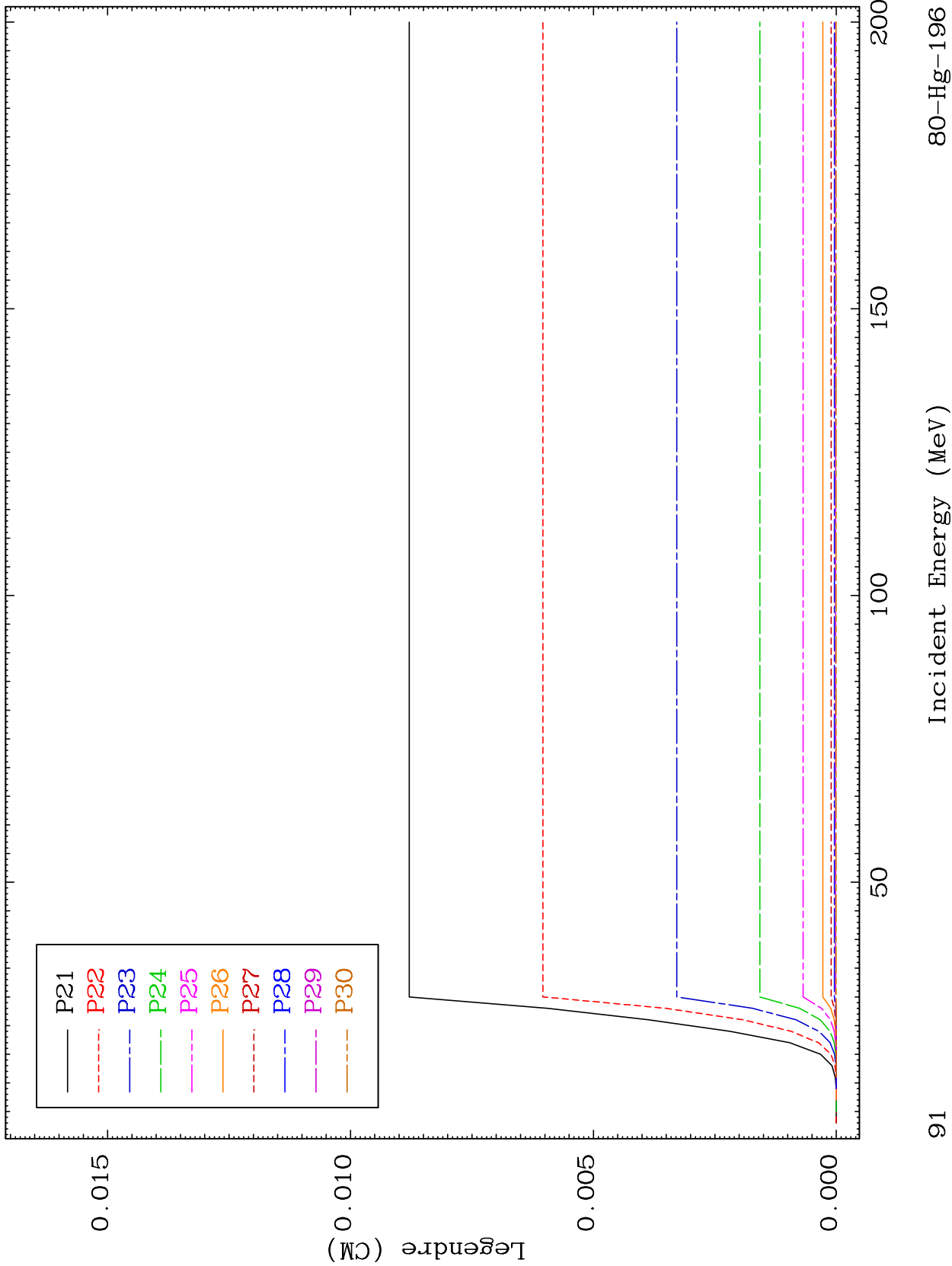
Incident Energy (MeV)

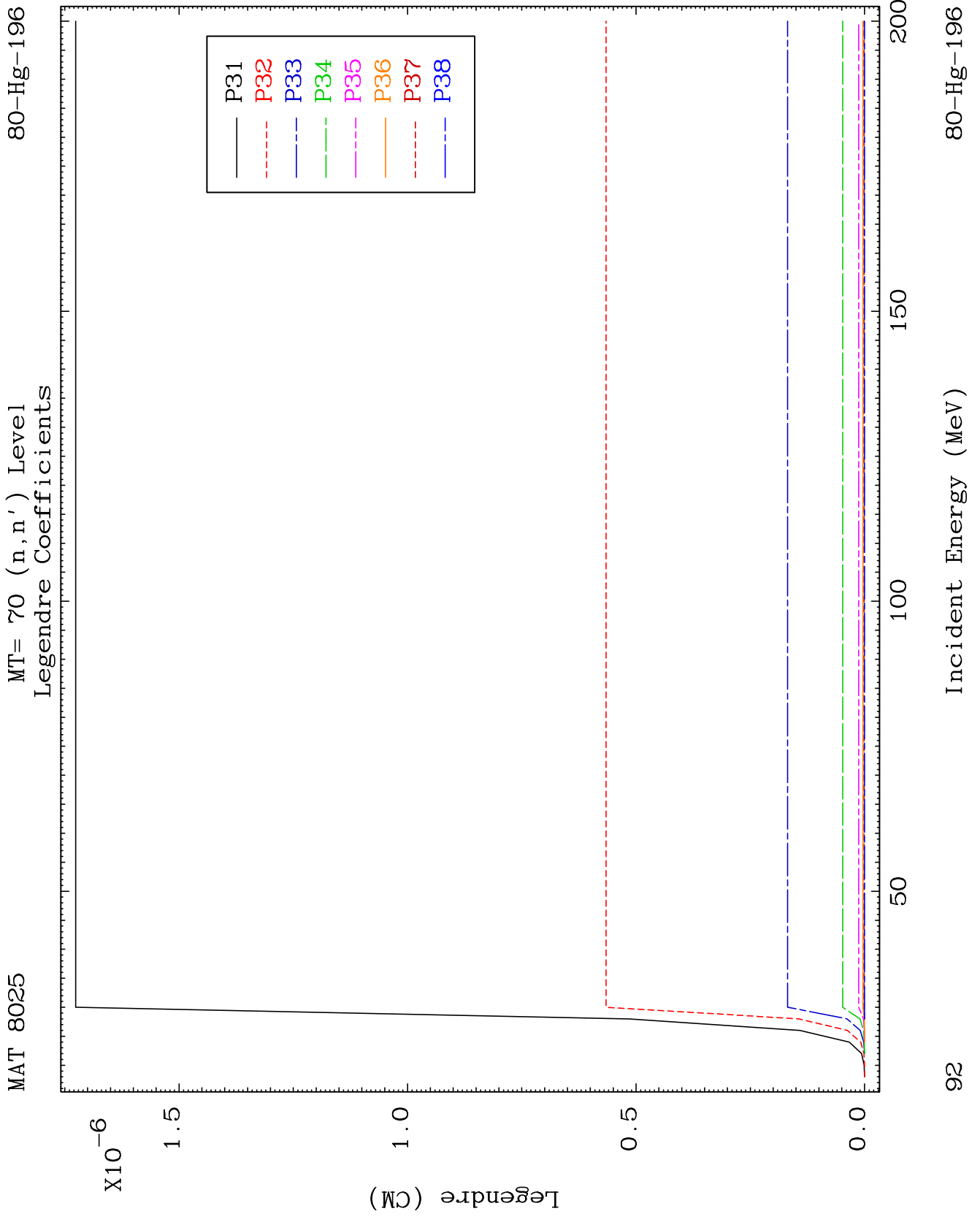
80-Hg-196

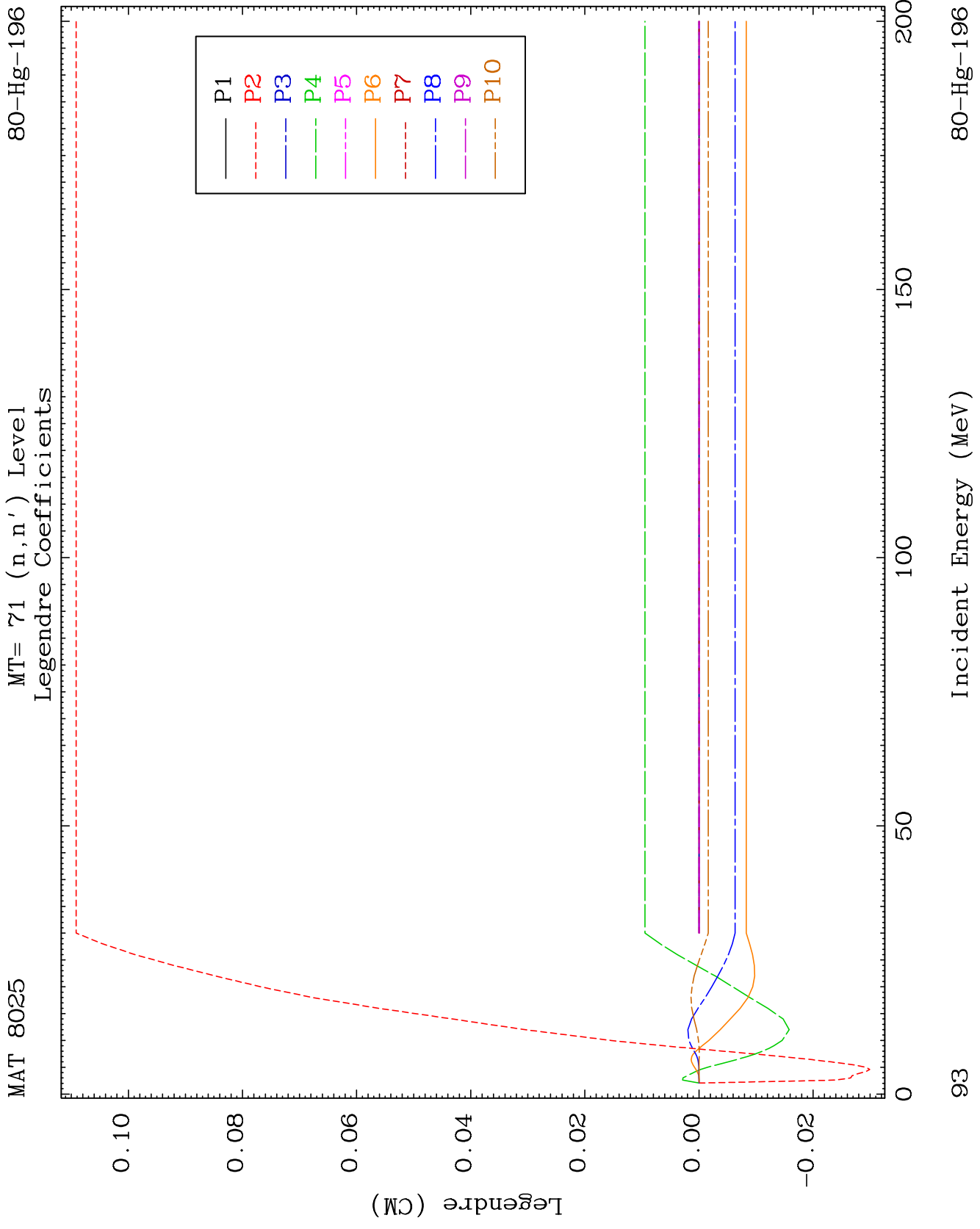
MAT 8025

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

80-Hg-196



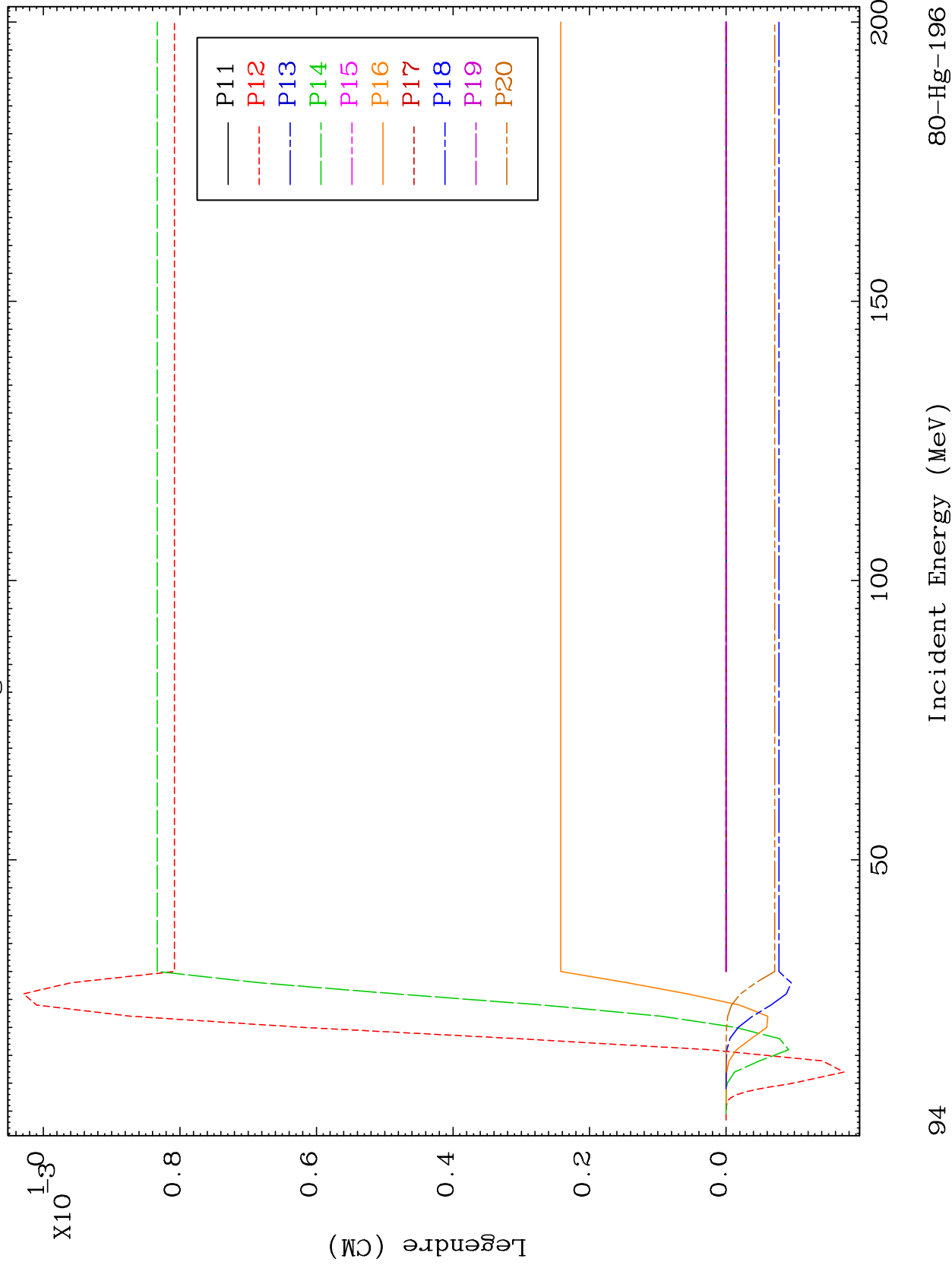


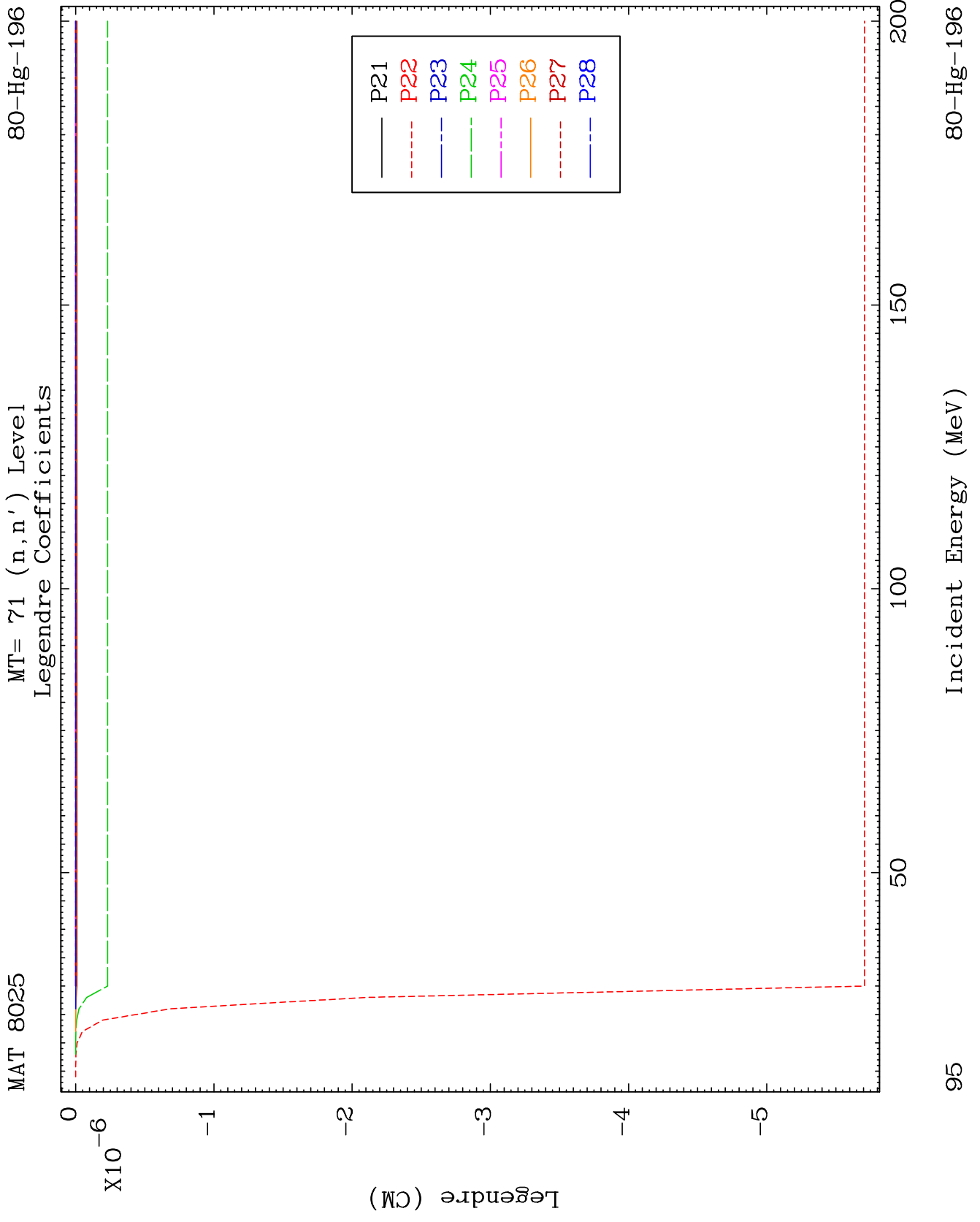


MAT 8025

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

80-Hg-196



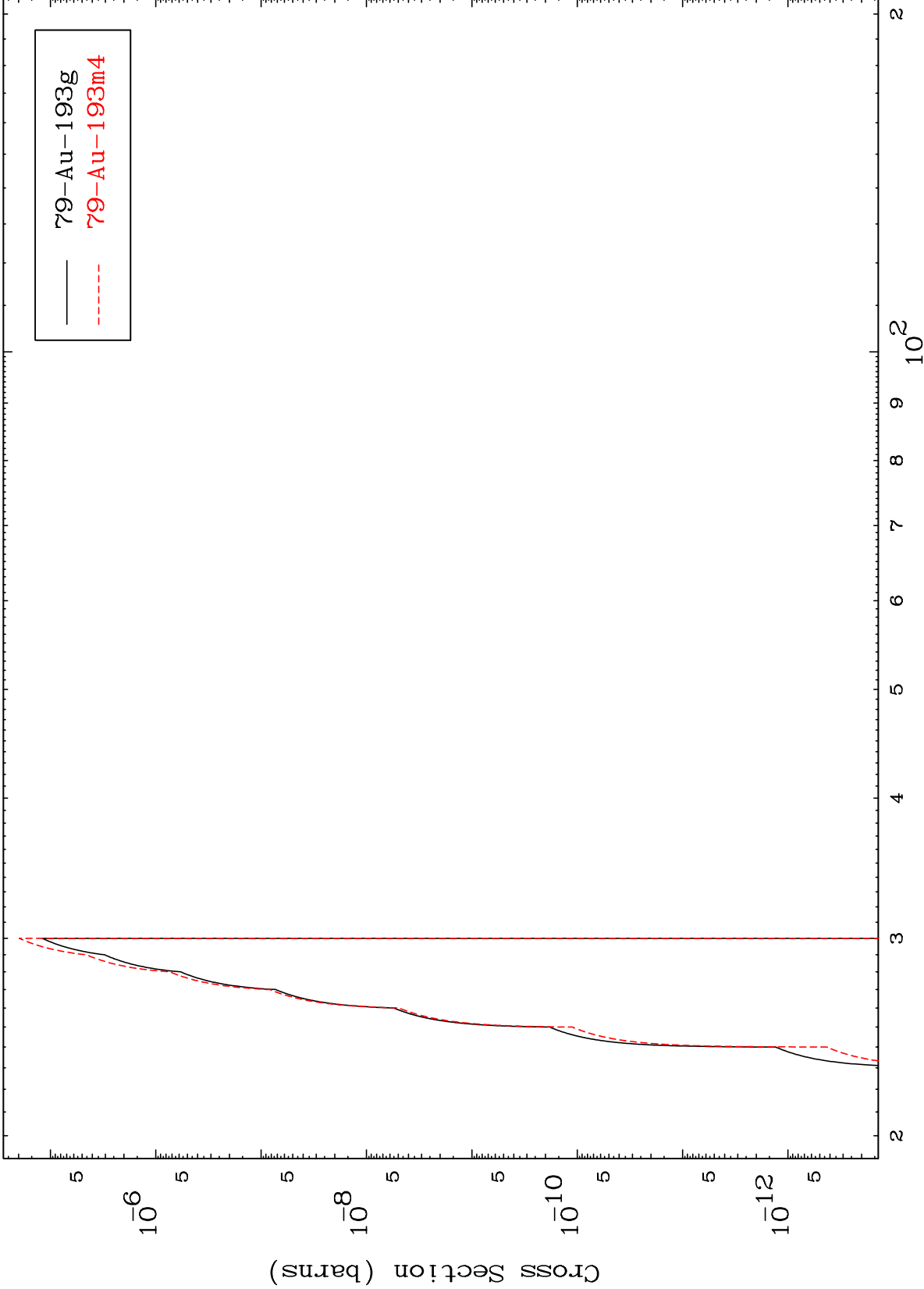


MAT 8025

(n,2n) d

80-Hg-196

Radionuclide Production Cross Section



96

Incident Energy (MeV)

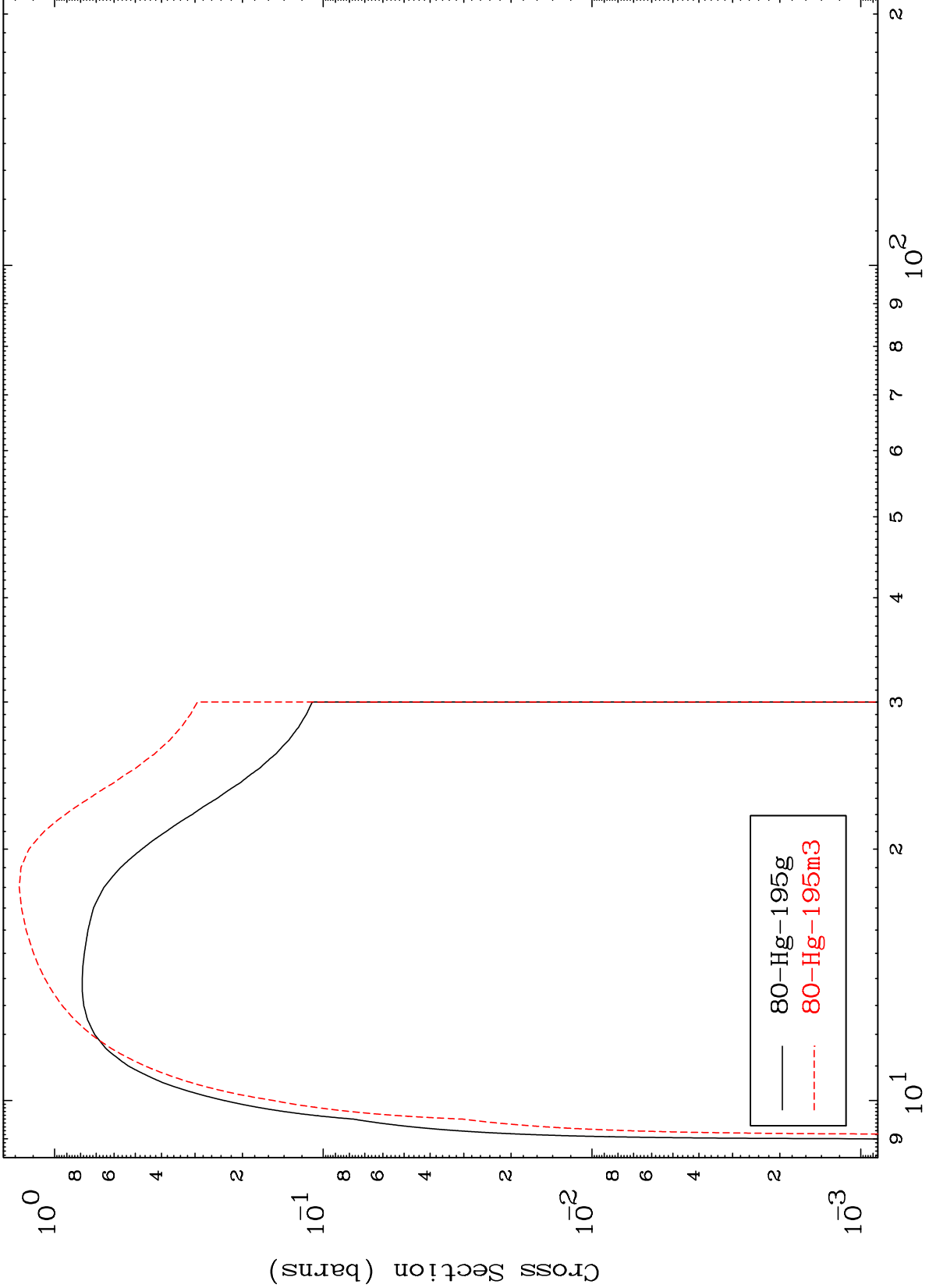
80-Hg-196

MAT 8025

(n,2n)

80-Hg-196

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

97

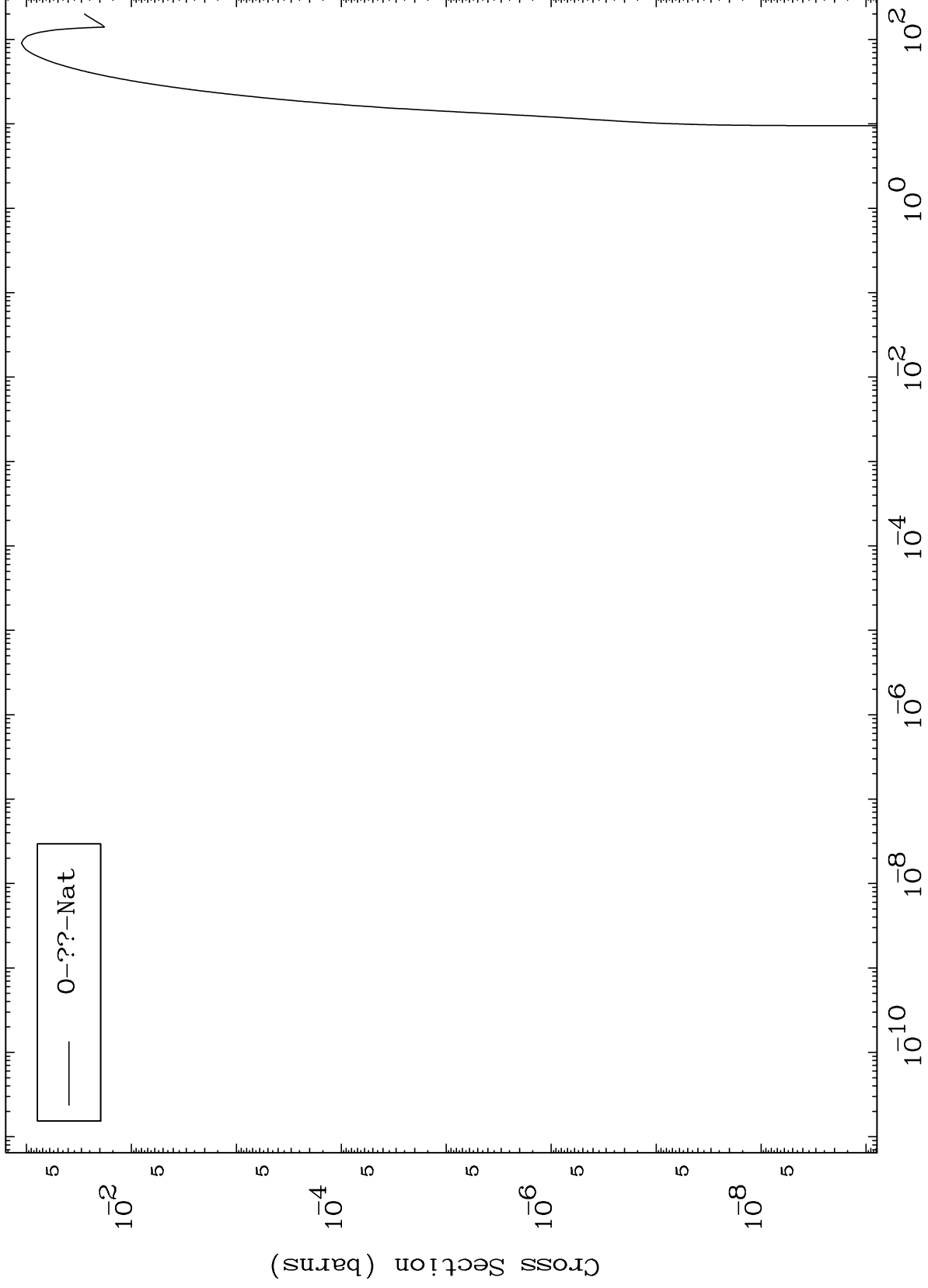
Incident Energy (MeV)

80-Hg-196

MAT 8025

Fission
Radionuclide Production Cross Section

80-Hg-196



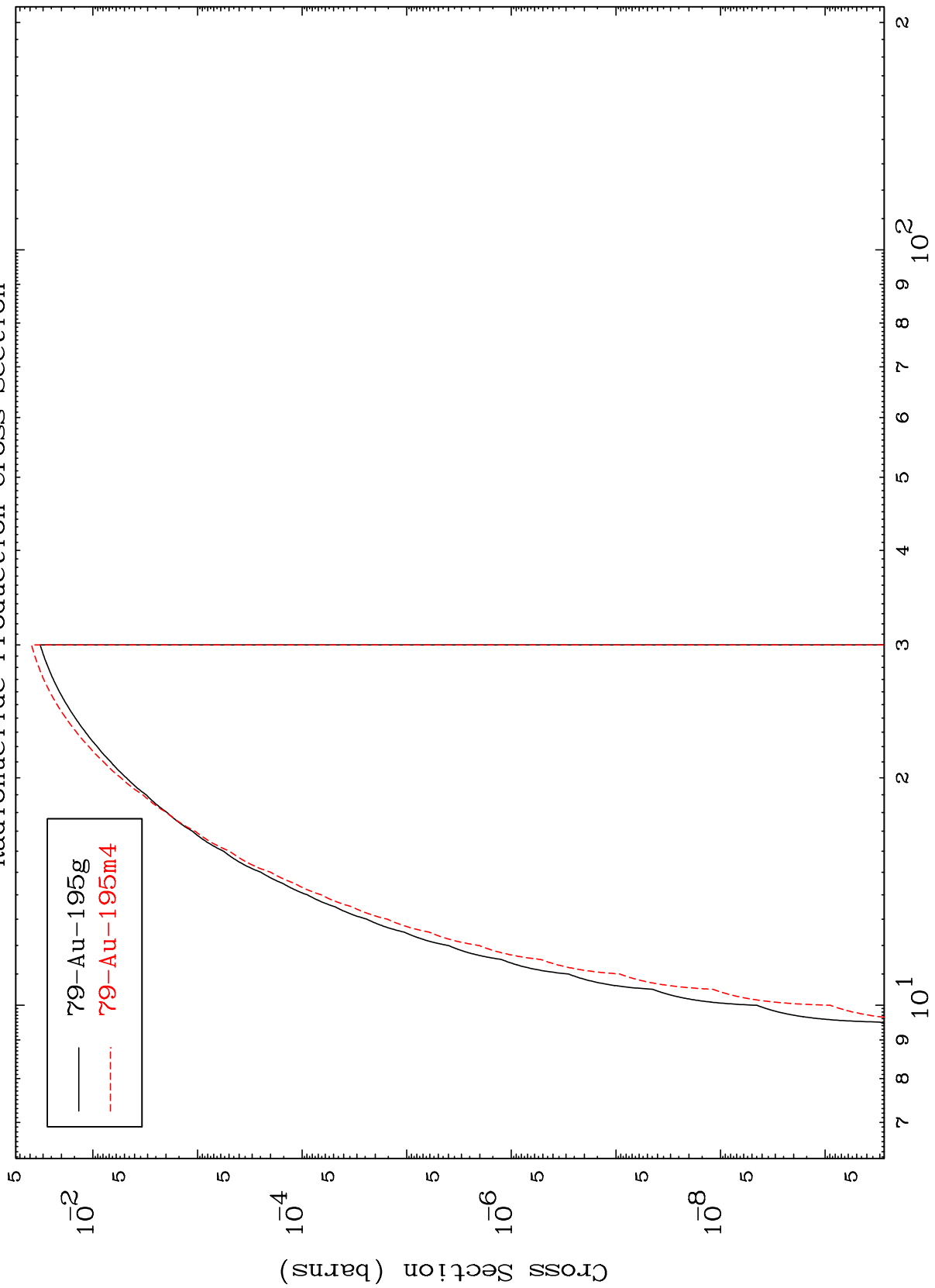
80-Hg-196

MAT 8025

(n,n') p

80-Hg-196

Radionuclide Production Cross Section



99

Incident Energy (MeV)

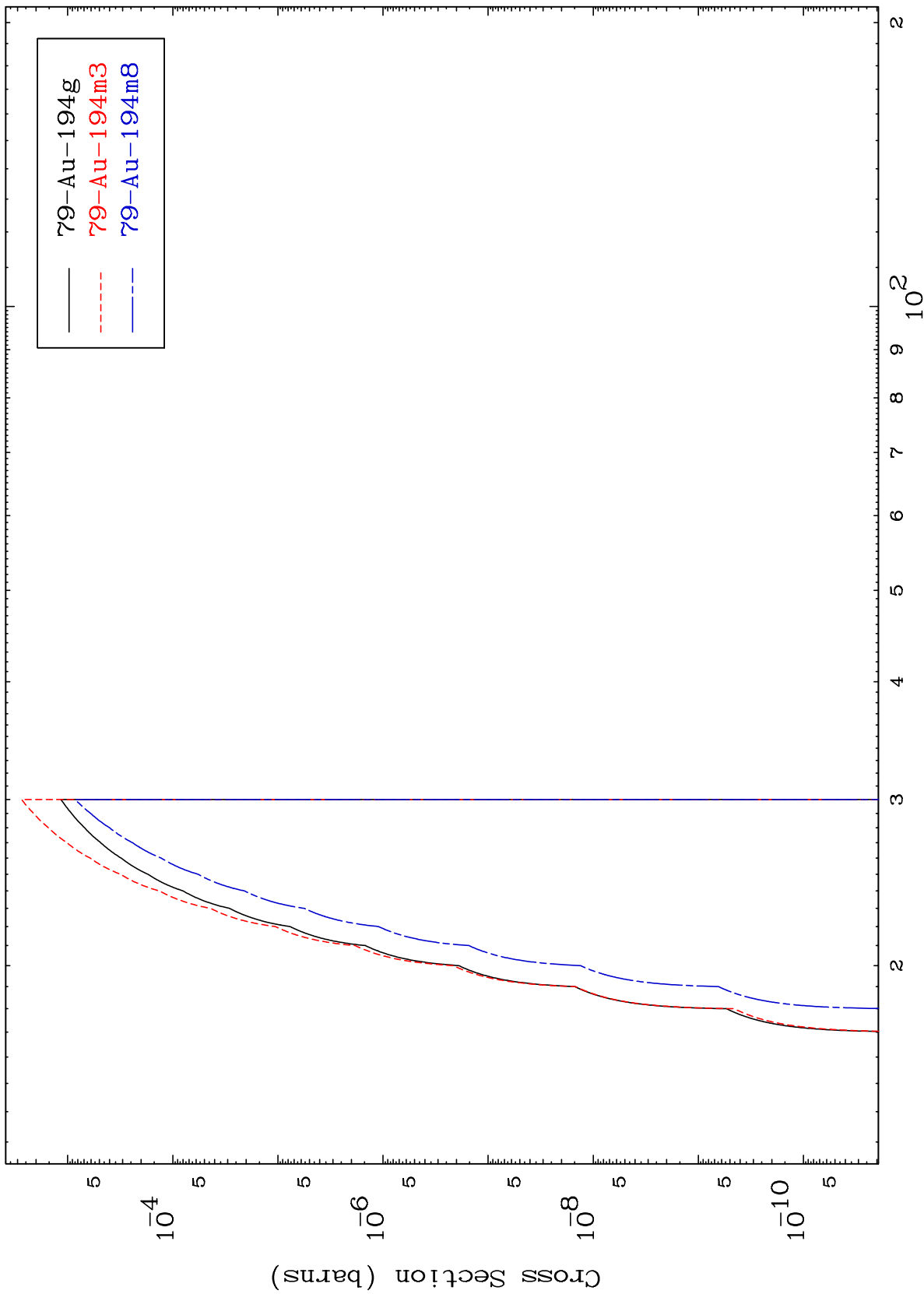
80-Hg-196

MAT 8025

(n,n') d

80-Hg-196

Radionuclide Production Cross Section



100

Incident Energy (MeV)

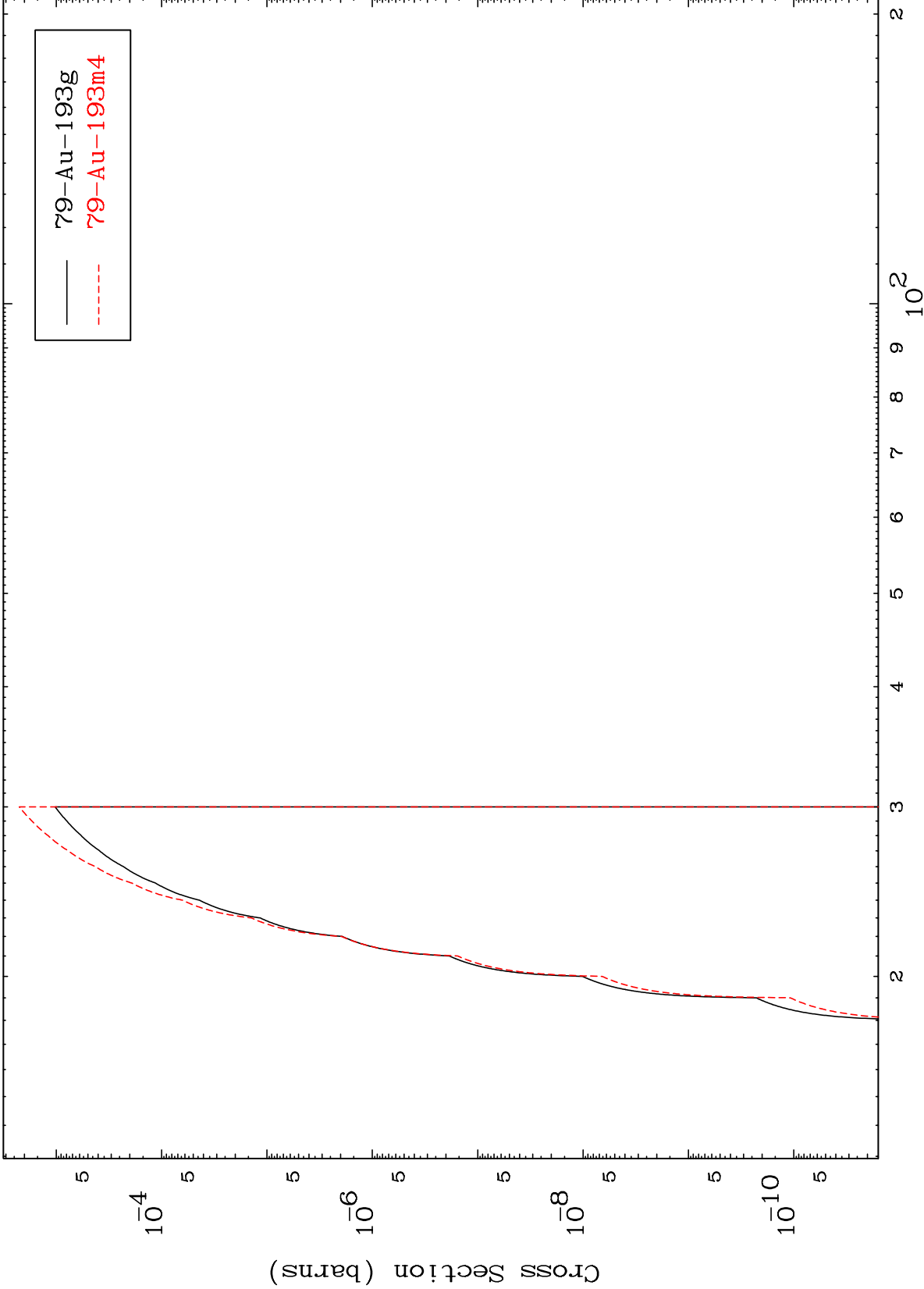
80-Hg-196

MAT 8025

(n,n') t

80-Hg-196

Radionuclide Production Cross Section

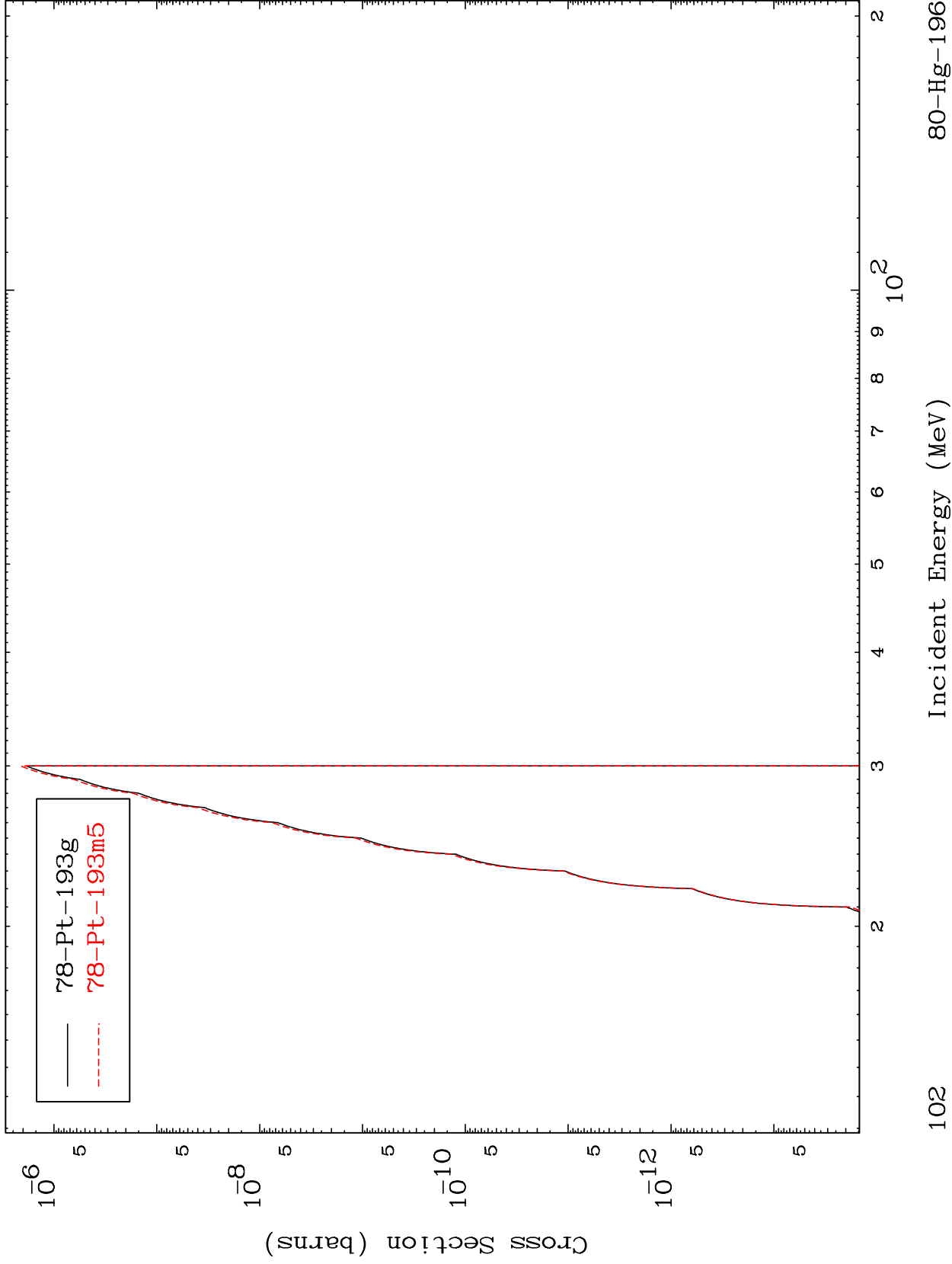


101

Incident Energy (MeV)

80-Hg-196

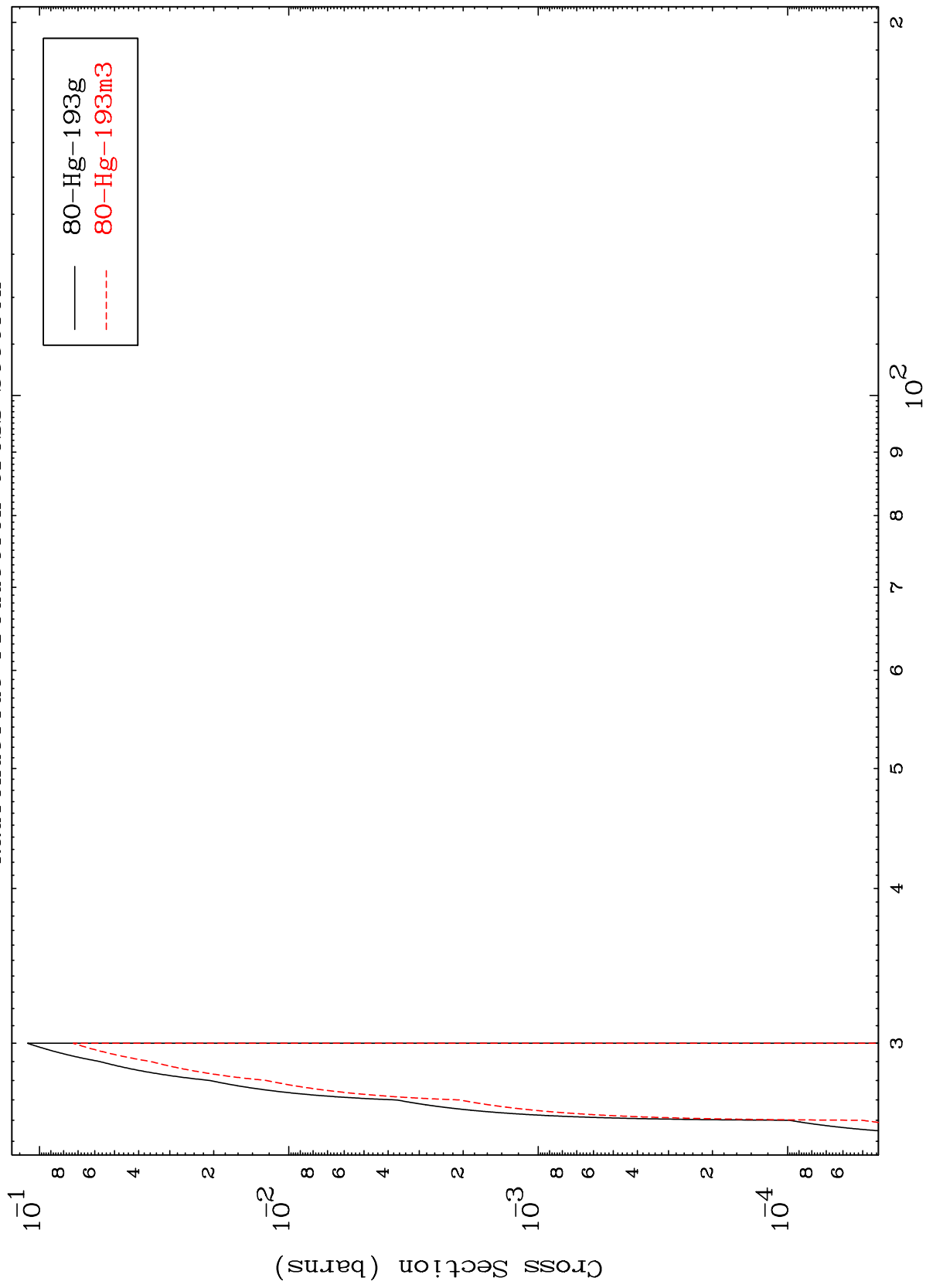
Radionuclide Production Cross Section



MAT 8025

80-Hg-196

(n,4n)
Radionuclide Production Cross Section



103

Incident Energy (MeV)

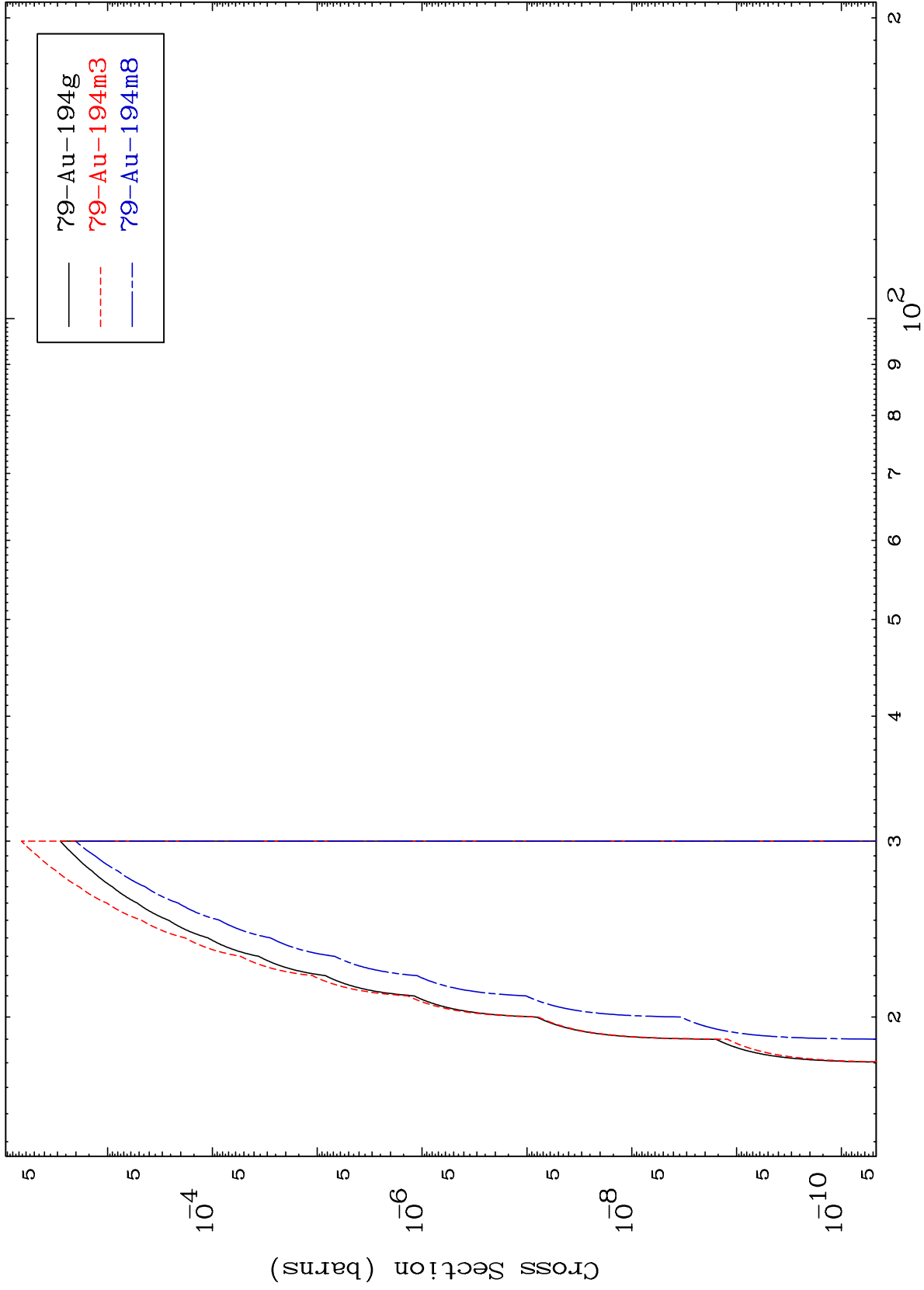
80-Hg-196

MAT 8025

(n,2n) p

80-Hg-196

Radionuclide Production Cross Section



104

Incident Energy (MeV)

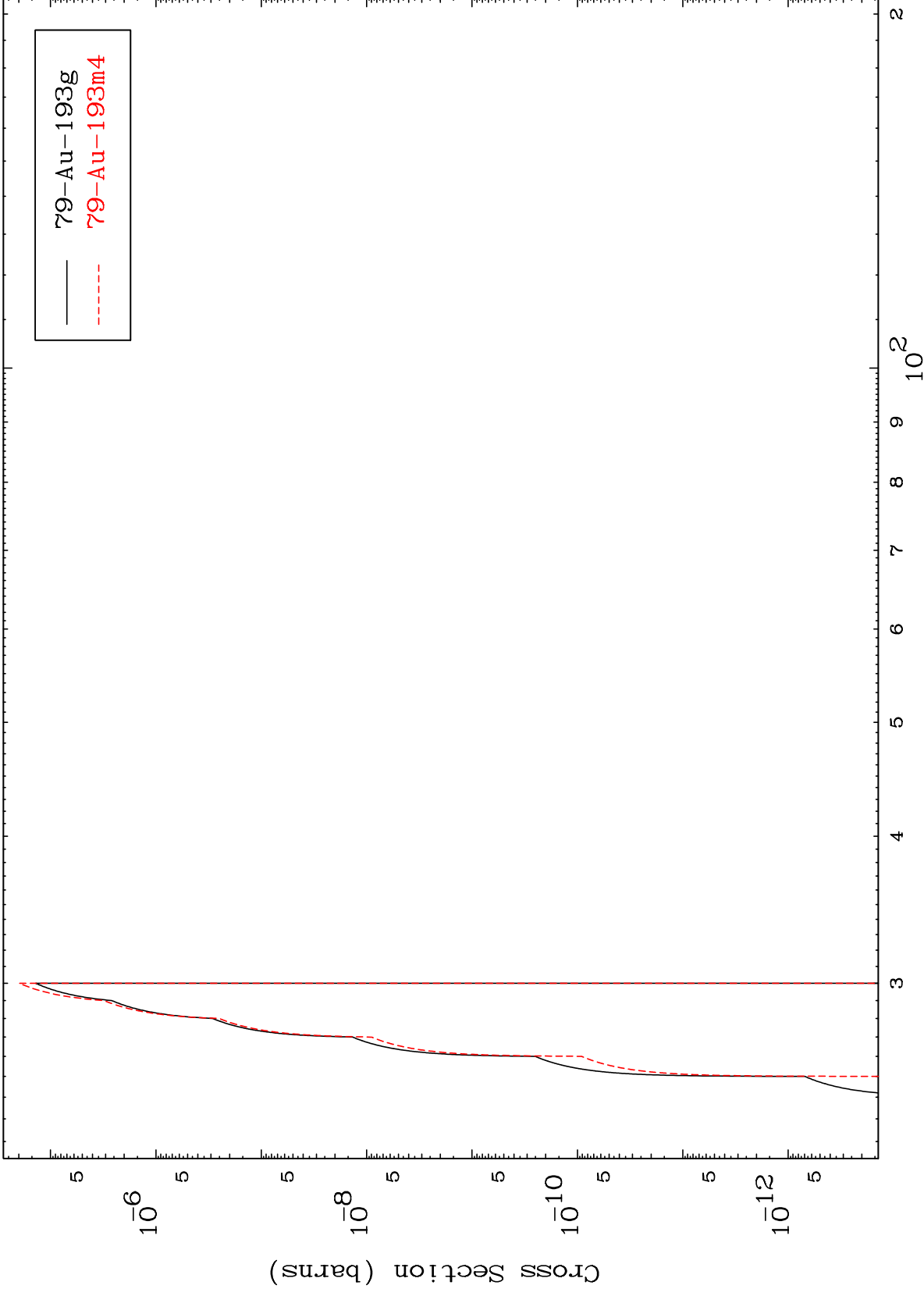
80-Hg-196

MAT 8025

(n,3n) p

80-Hg-196

Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

105

Incident Energy (MeV)

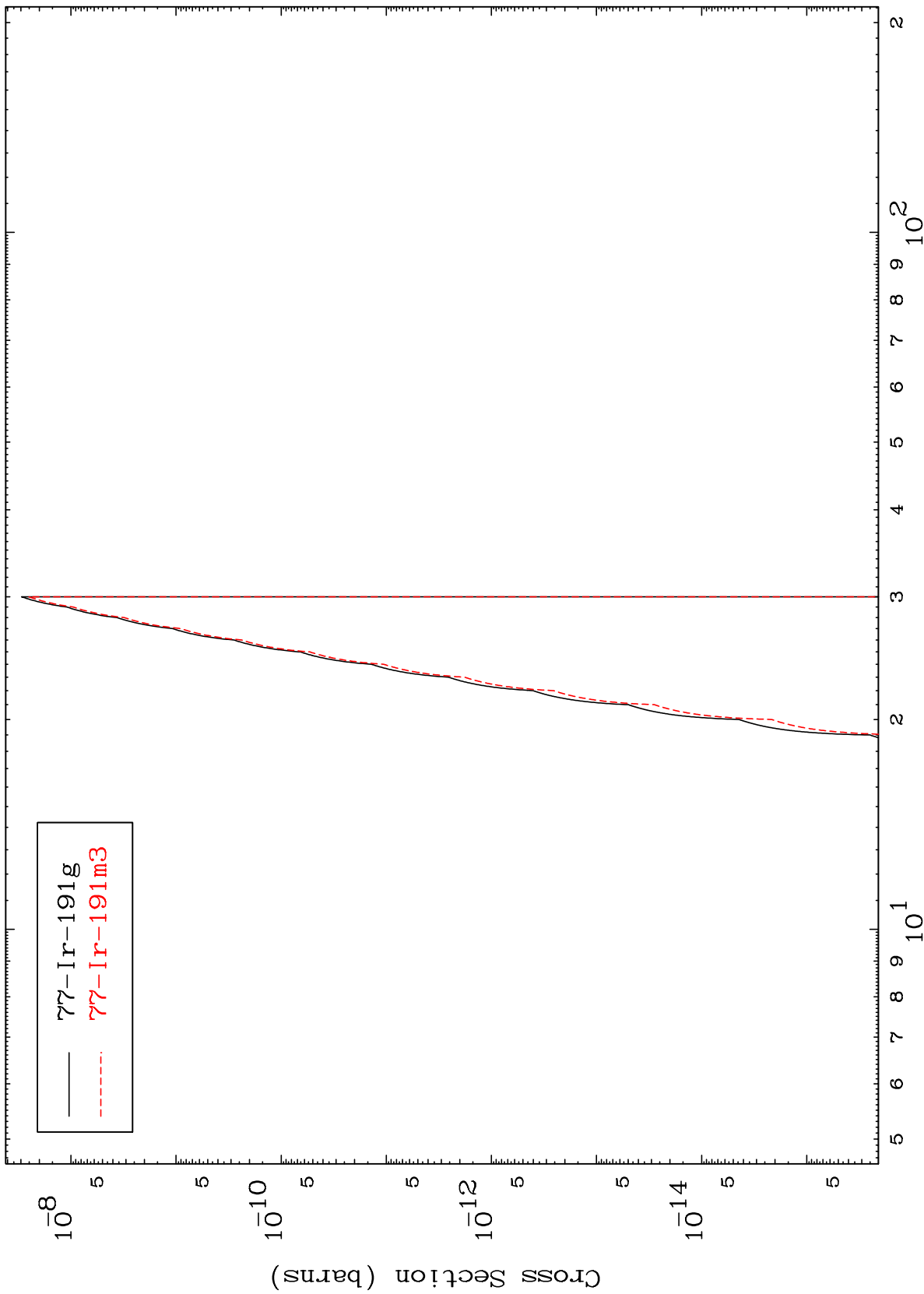
80-Hg-196

MAT 8025

(n,n') p α

80-Hg-196

Radionuclide Production Cross Section



106

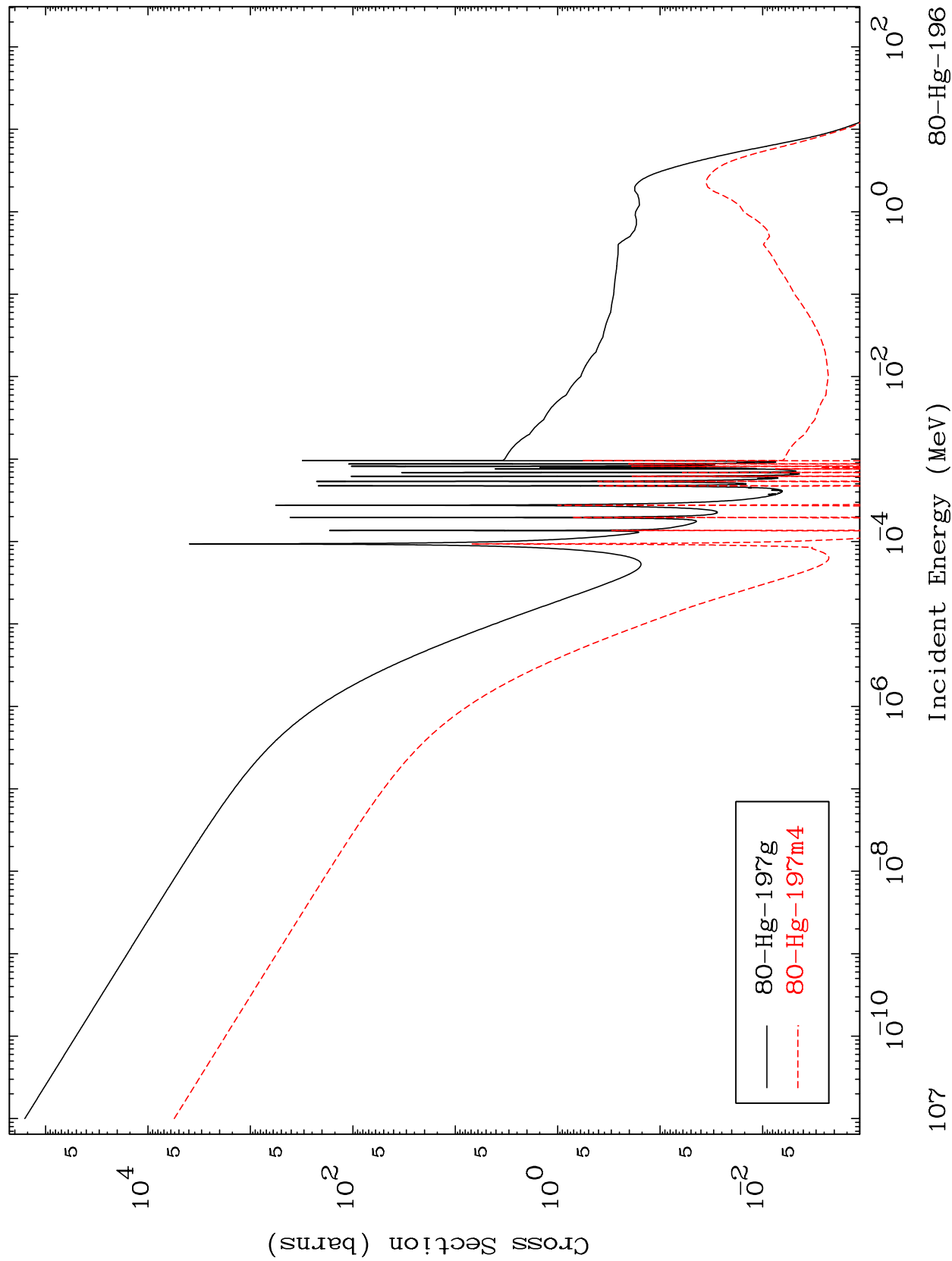
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

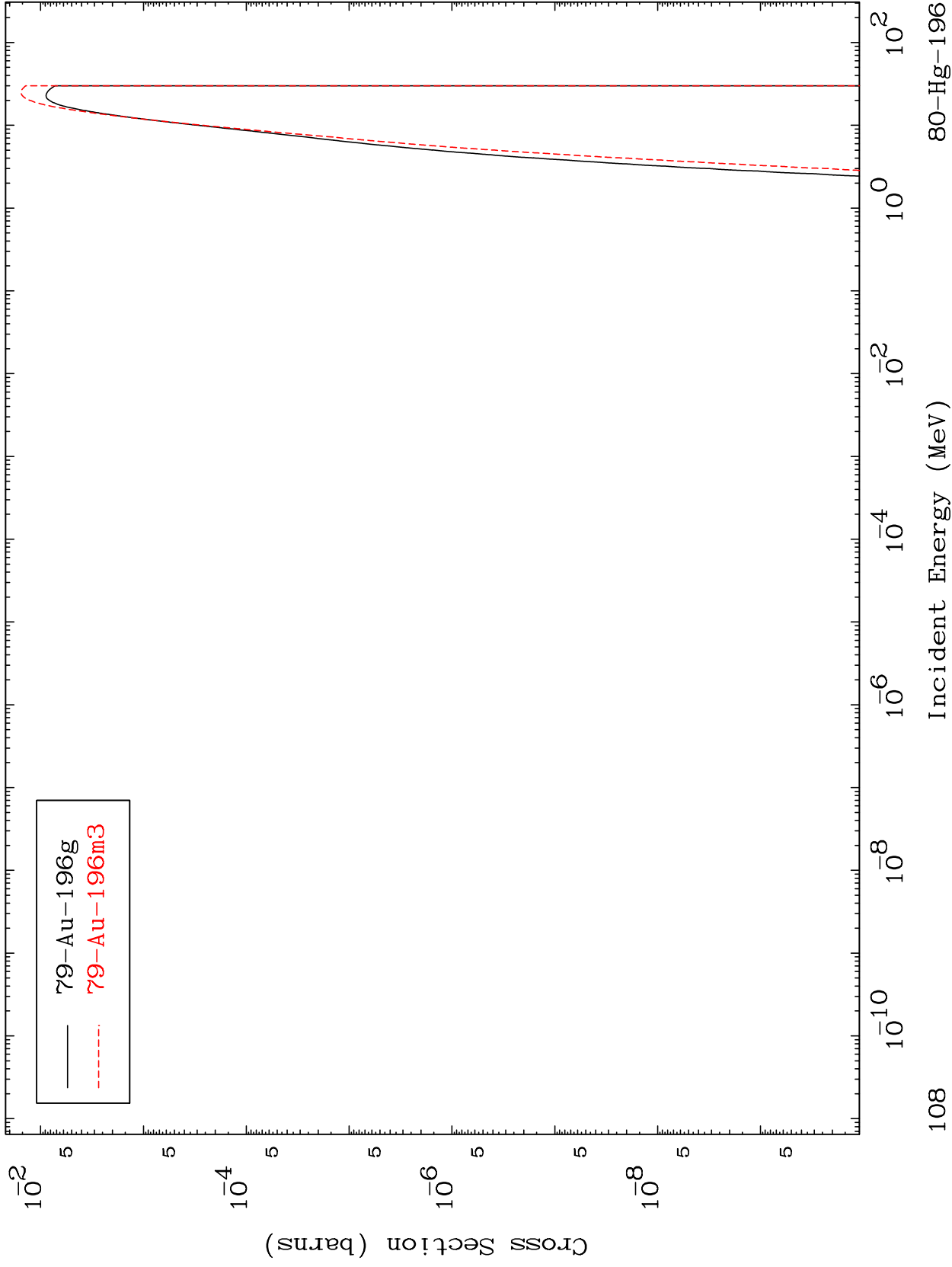
(n,γ)
Radionuclide Production Cross Section

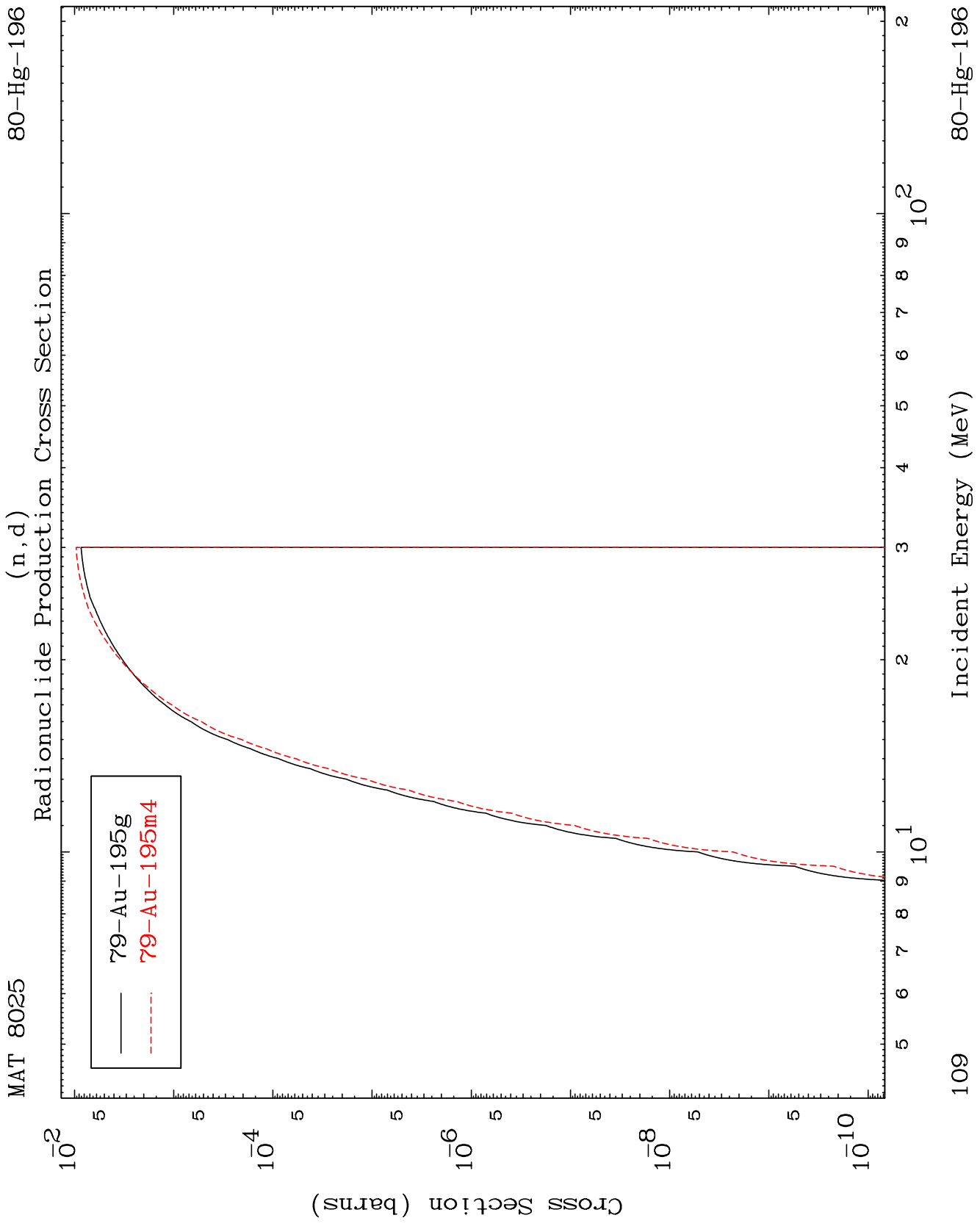


MAT 8025

(n,p)
Radionuclide Production Cross Section

80-Hg-196

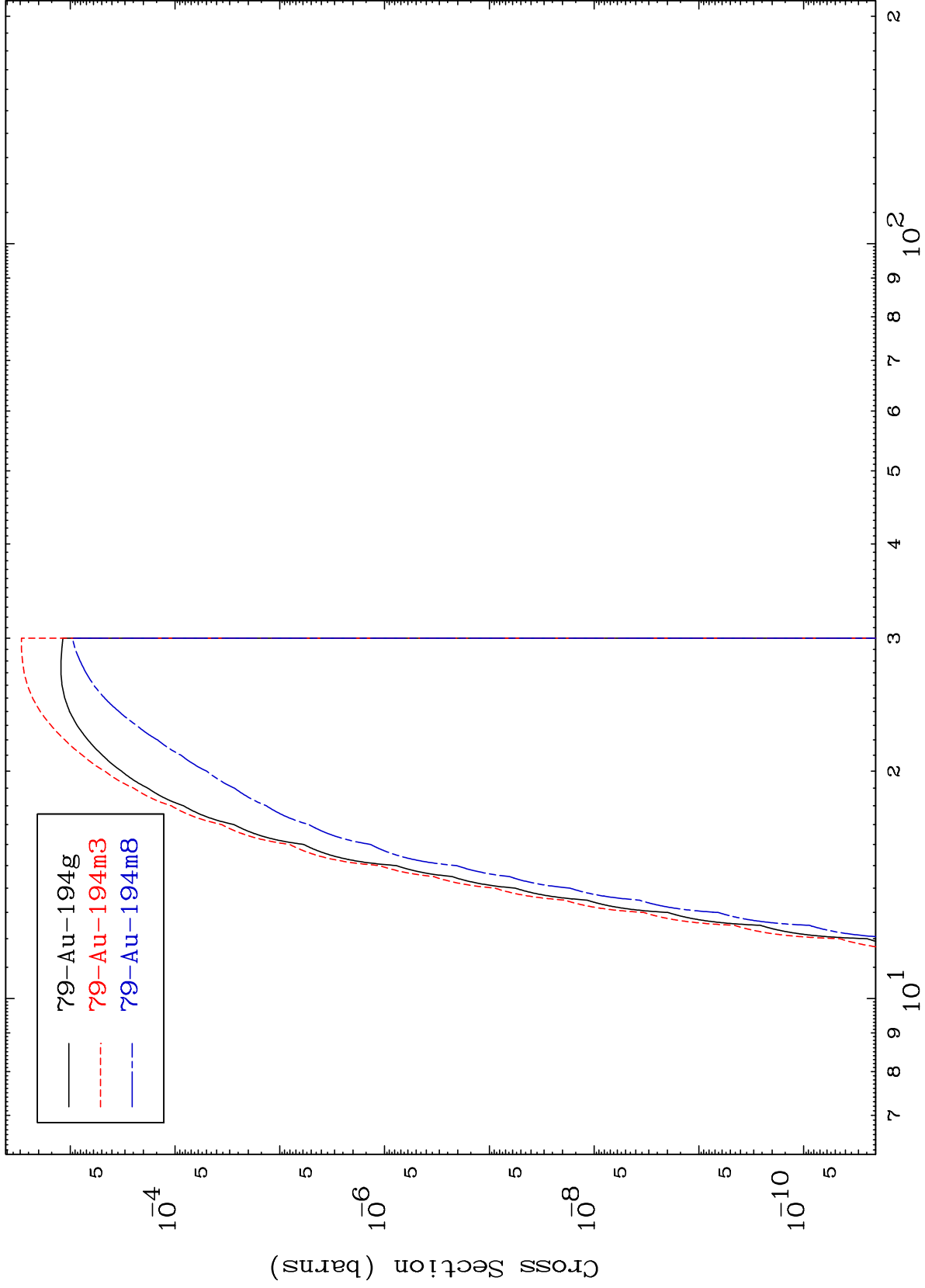




MAT 8025

80-Hg-196

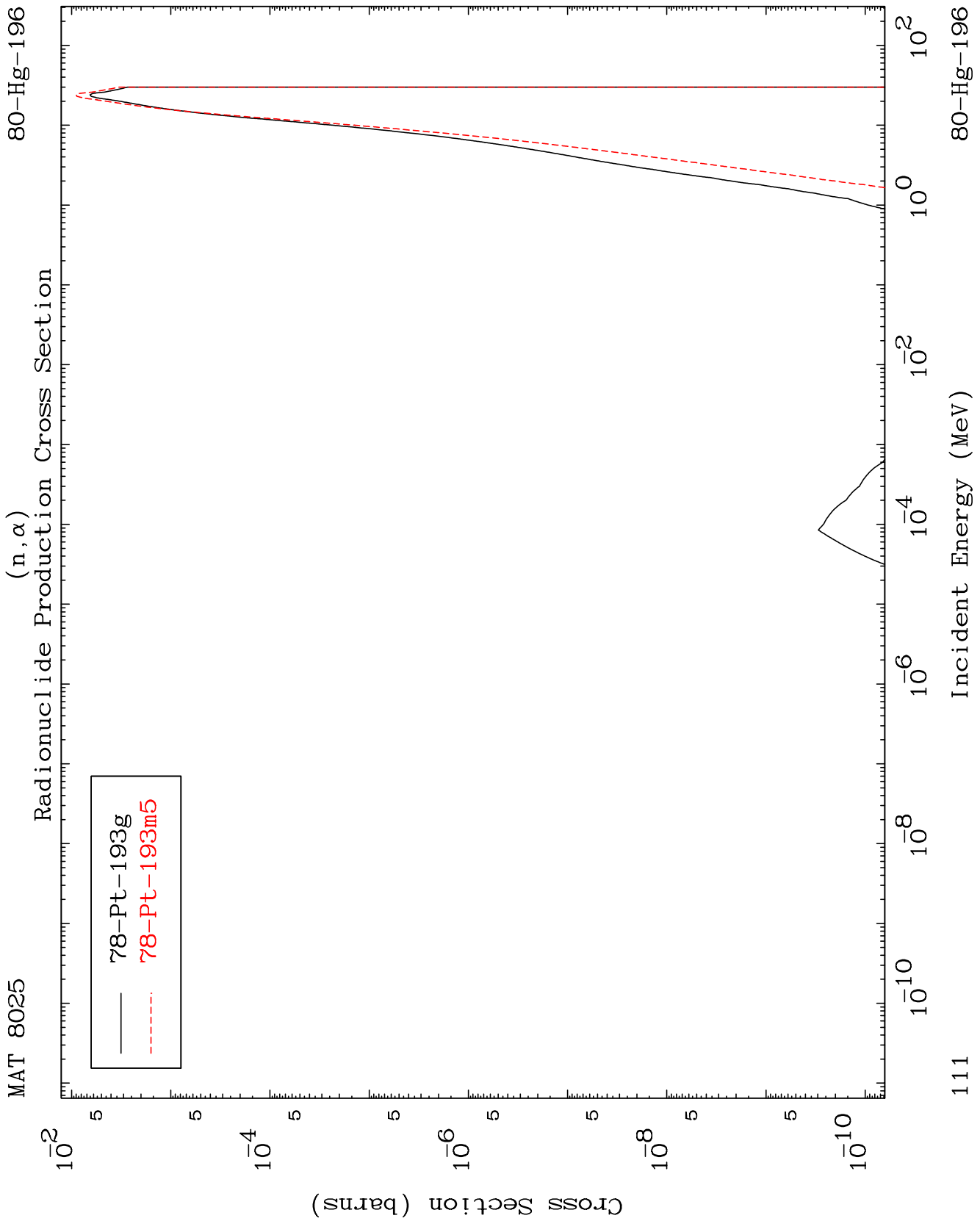
(n,t)
Radionuclide Production Cross Section



80-Hg-196

Incident Energy (MeV)

110

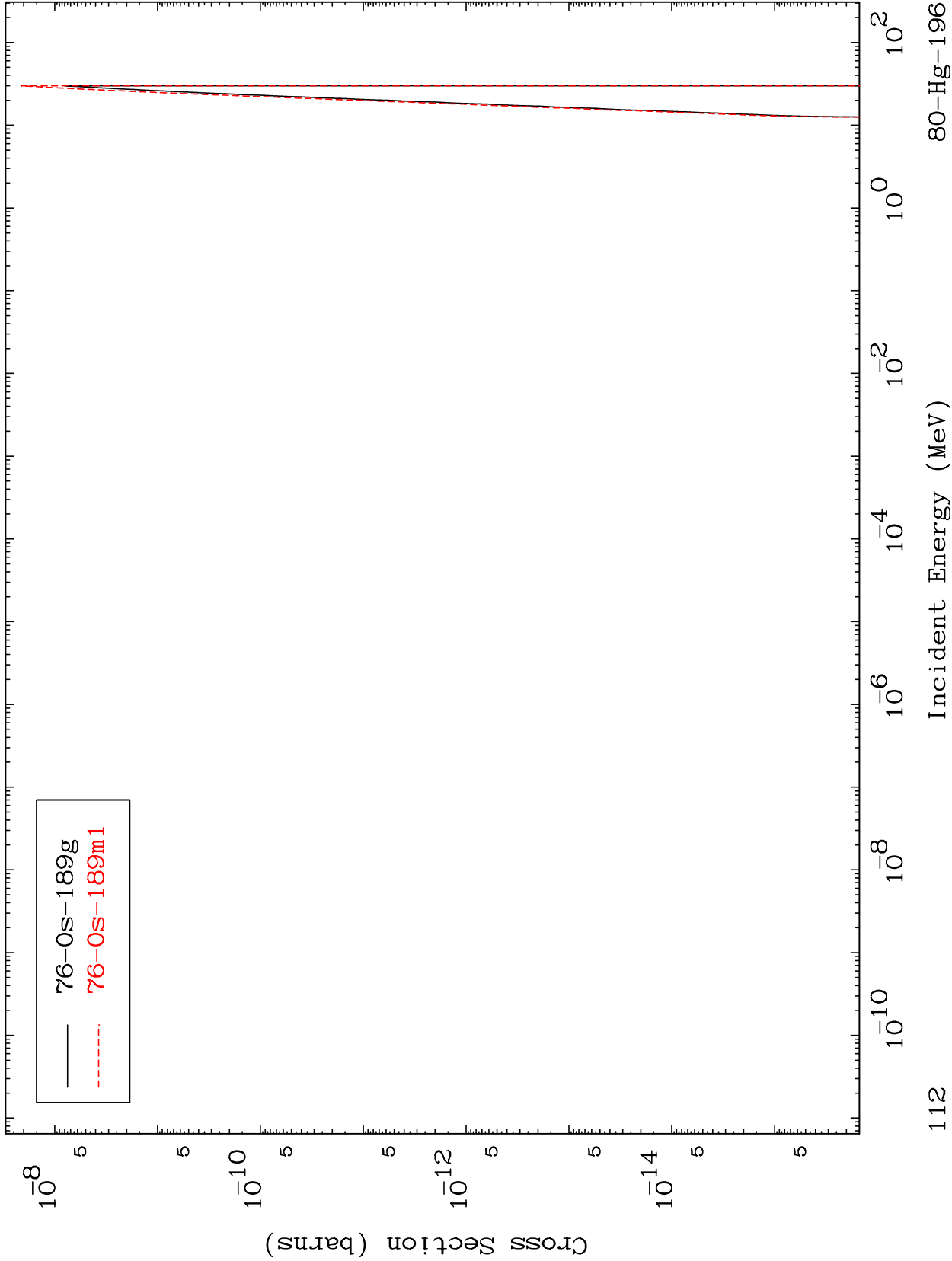


MAT 8025

(n,2α)

80-Hg-196

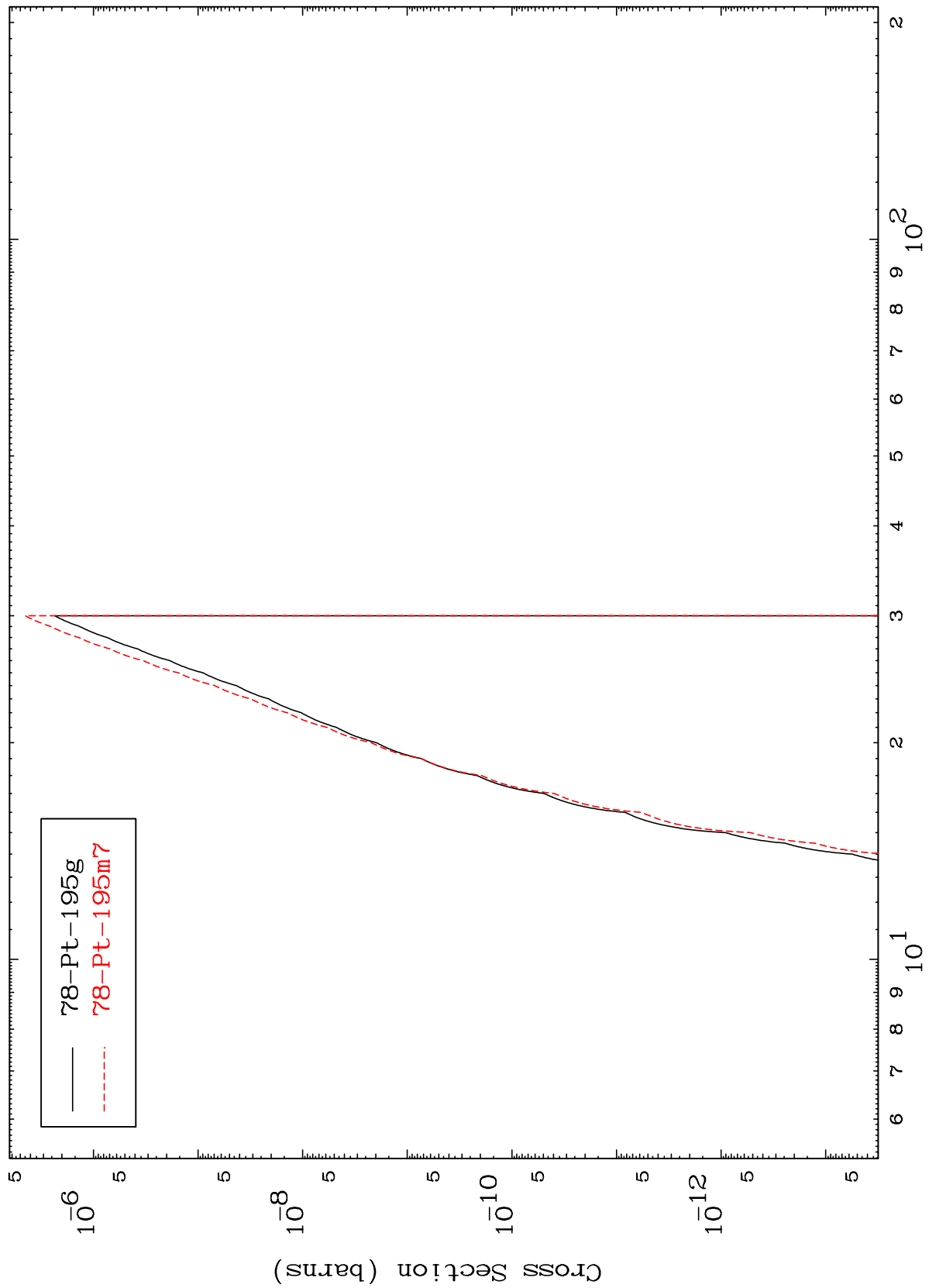
Radionuclide Production Cross Section



MAT 8025

80-Hg-196

(n,2p)
Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

80-Hg-196

Incident Energy (MeV)

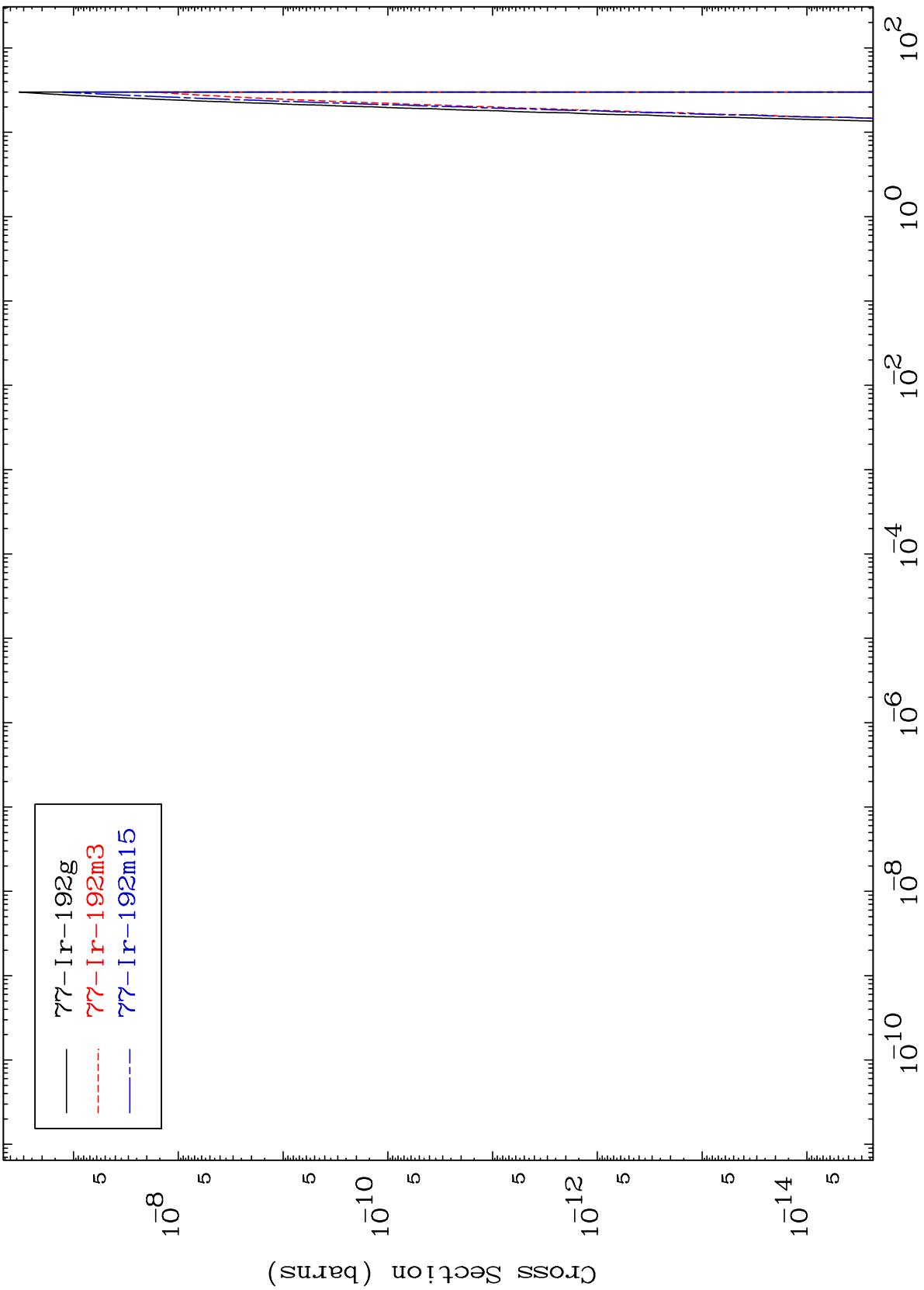
113

MAT 8025

(n,p) α

80-Hg-196

Radionuclide Production Cross Section

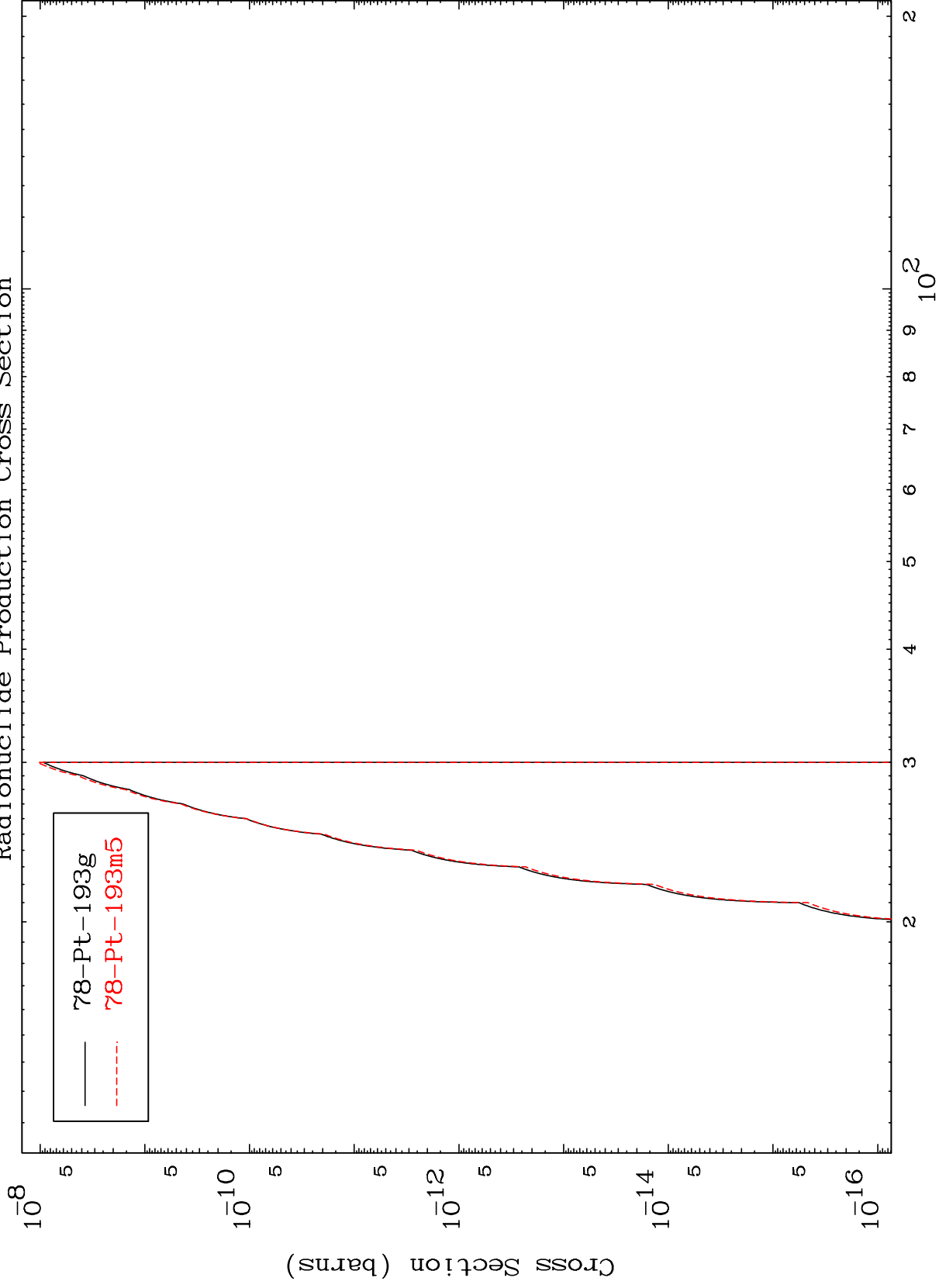


MAT 8025

(n,p) t

80-Hg-196

Radionuclide Production Cross Section



115

Incident Energy (MeV)

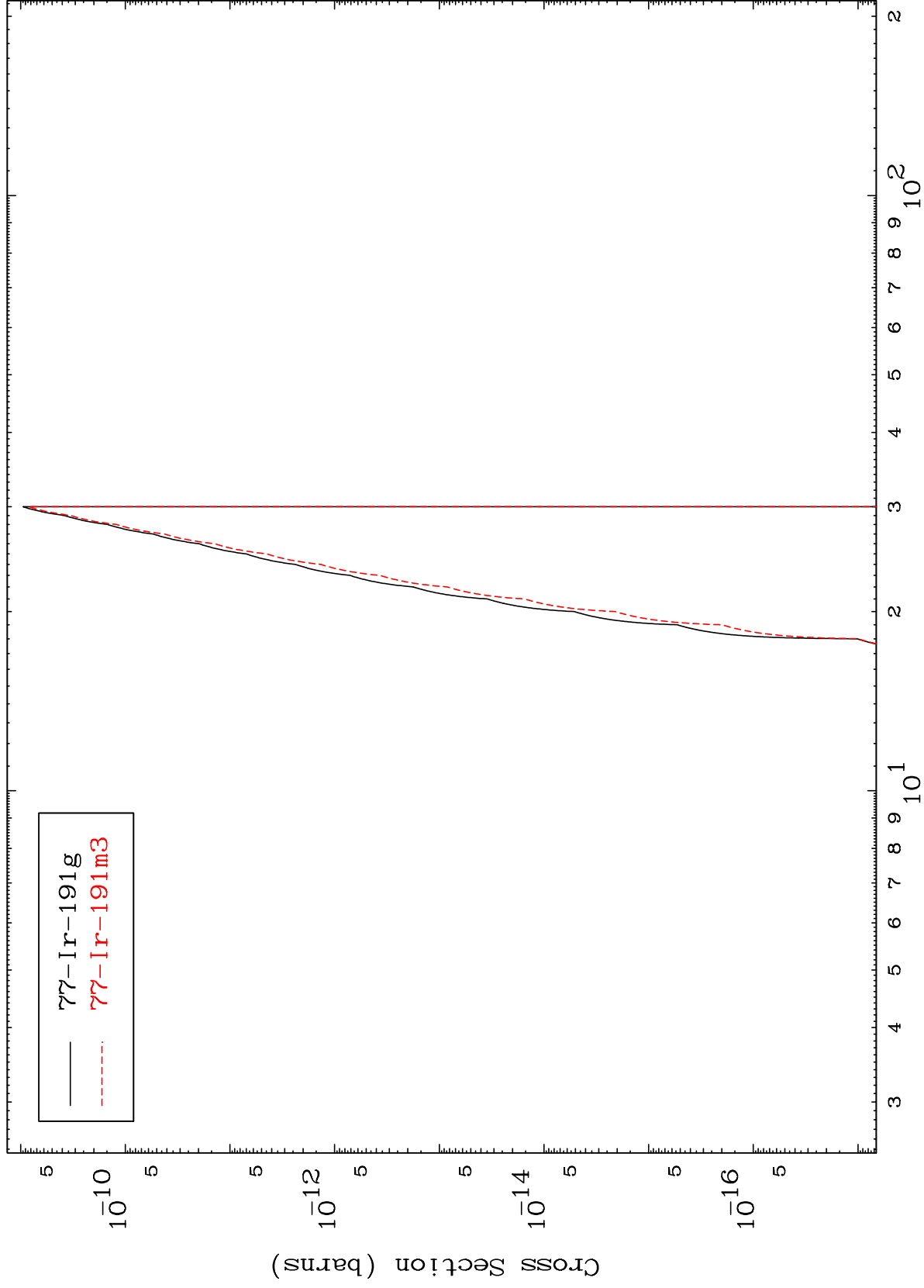
80-Hg-196

MAT 8025

(n,d) α

80-Hg-196

Radionuclide Production Cross Section



116

Incident Energy (MeV)

80-Hg-196