

Program EVALPLOT
(Version 2021-1)

by

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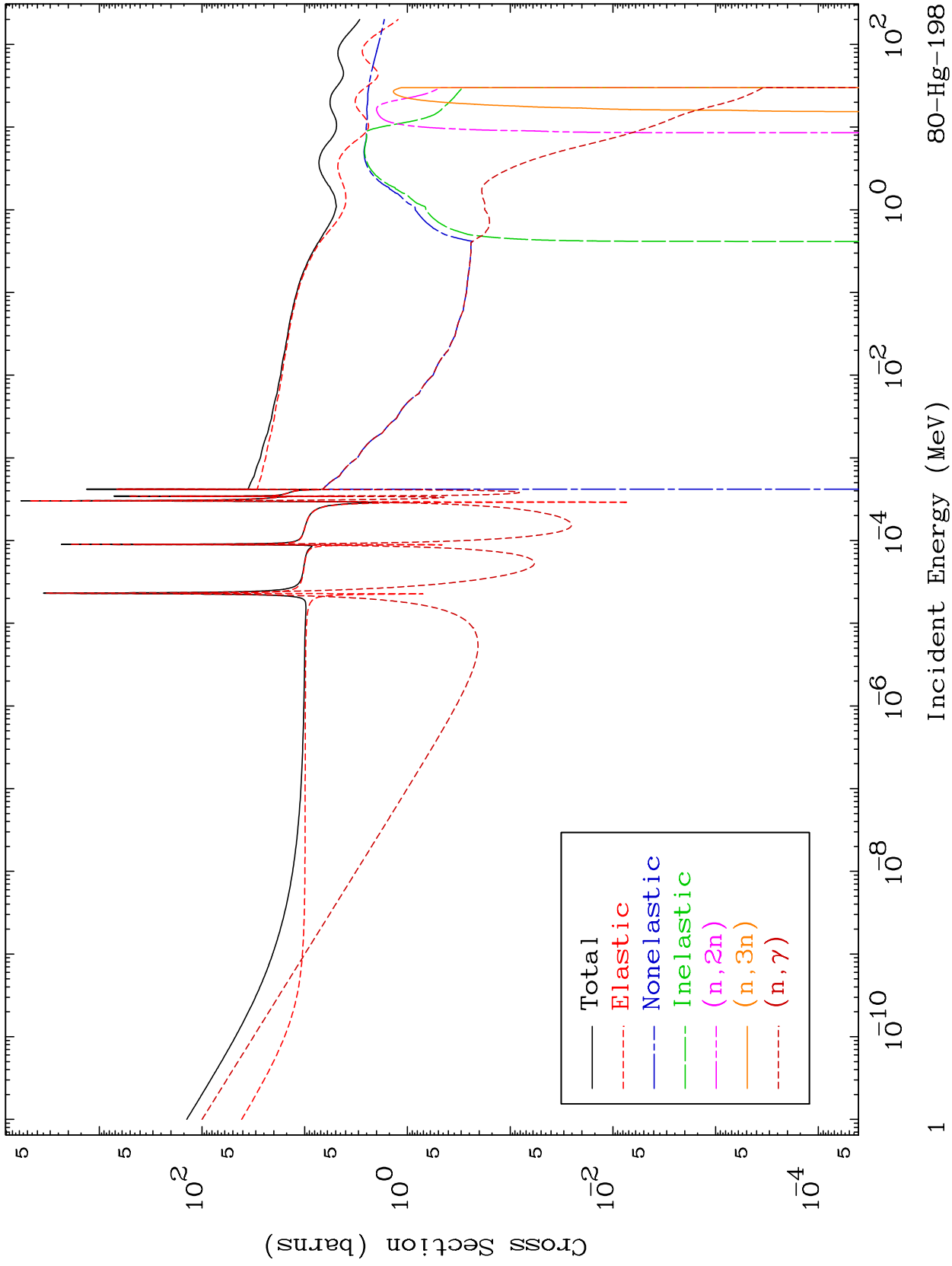
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8031

Neutron Major
293 Kelvin Cross Sections

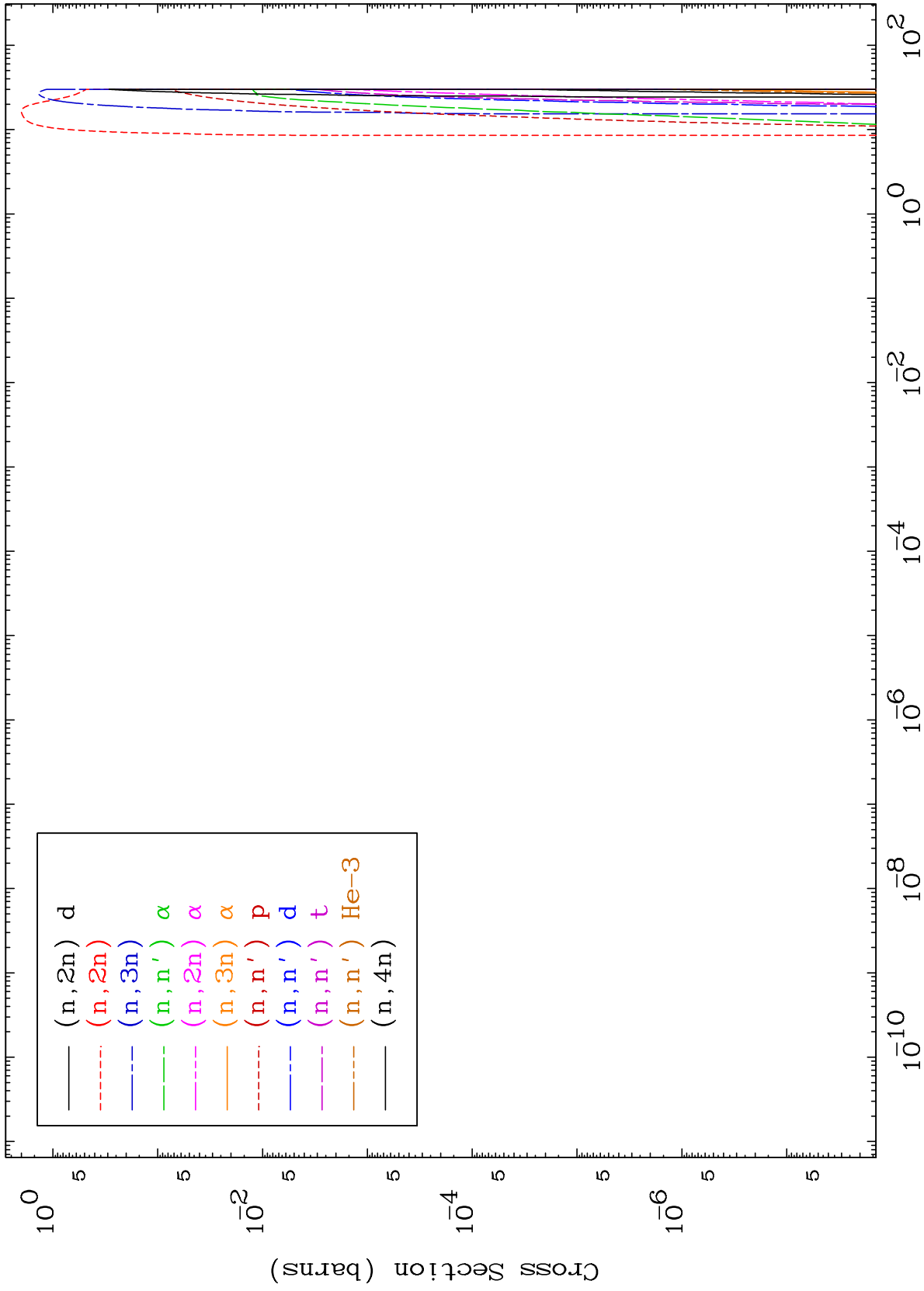
80-Hg-198



MAT 8031

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-198



2

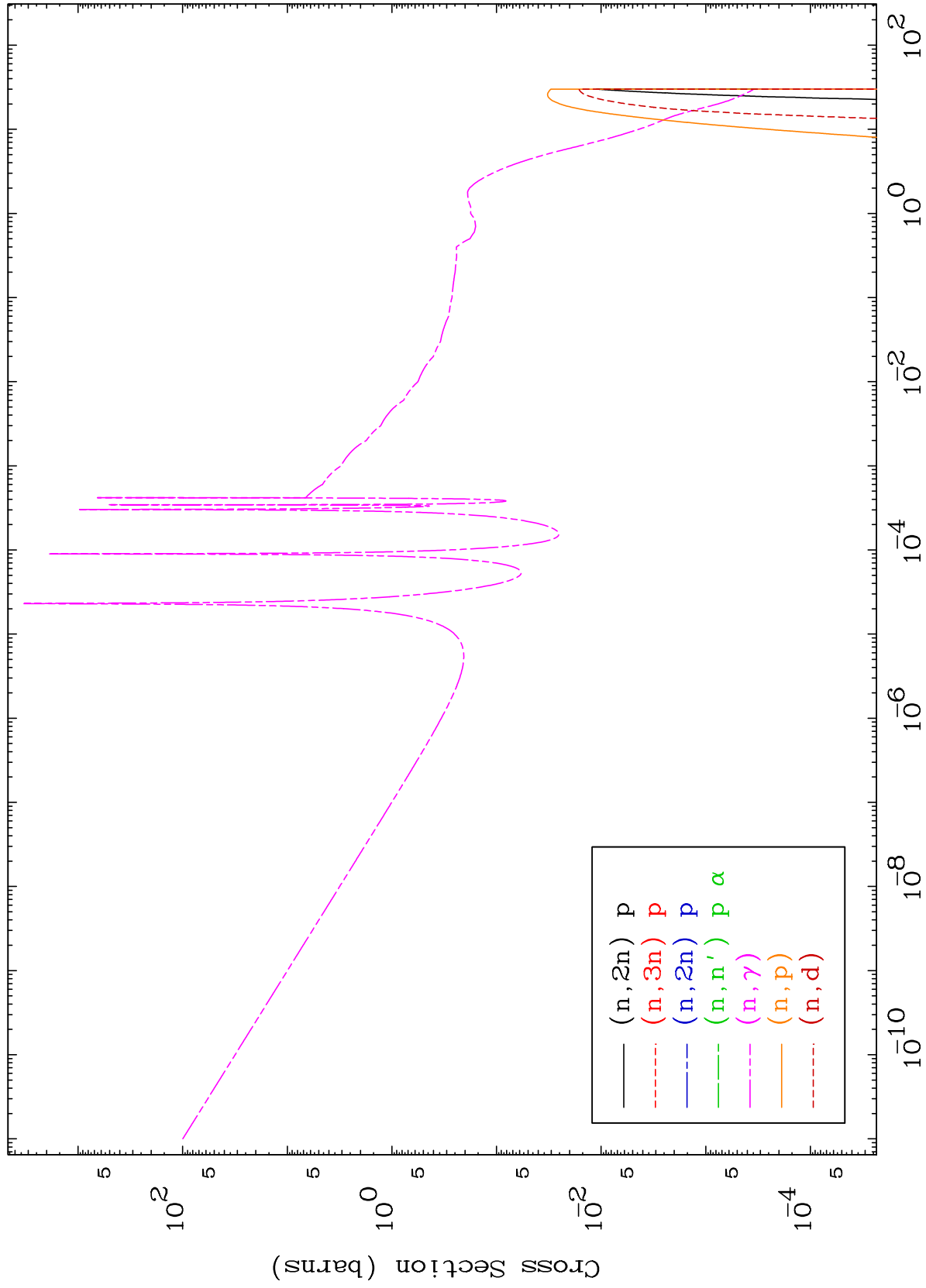
Incident Energy (MeV)

80-Hg-198

MAT 8031

Neutron Absorption
293 Kelvin Cross Sections

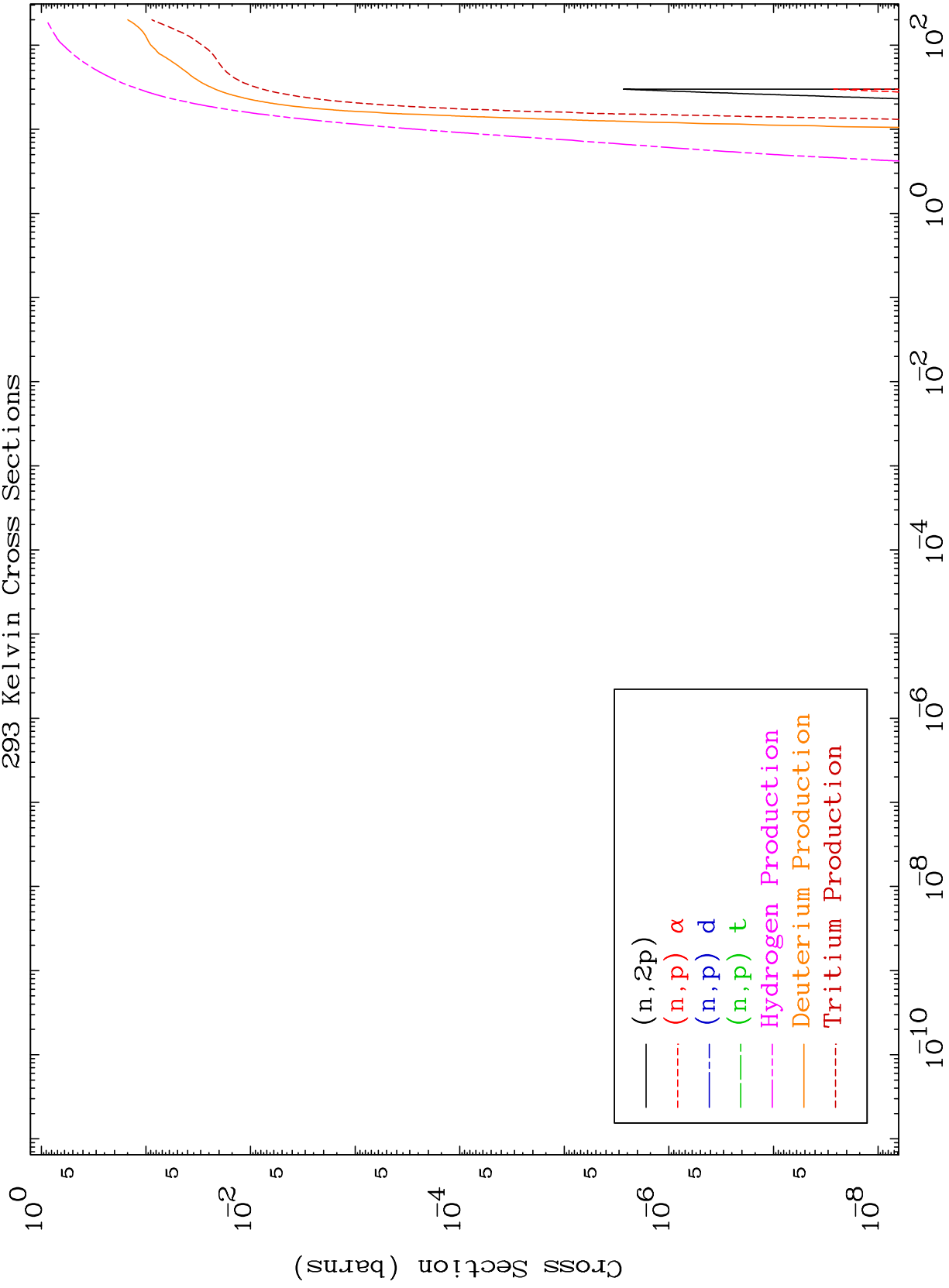
80-Hg-198



MAT 8031

Neutron Absorption
293 Kelvin Cross Sections

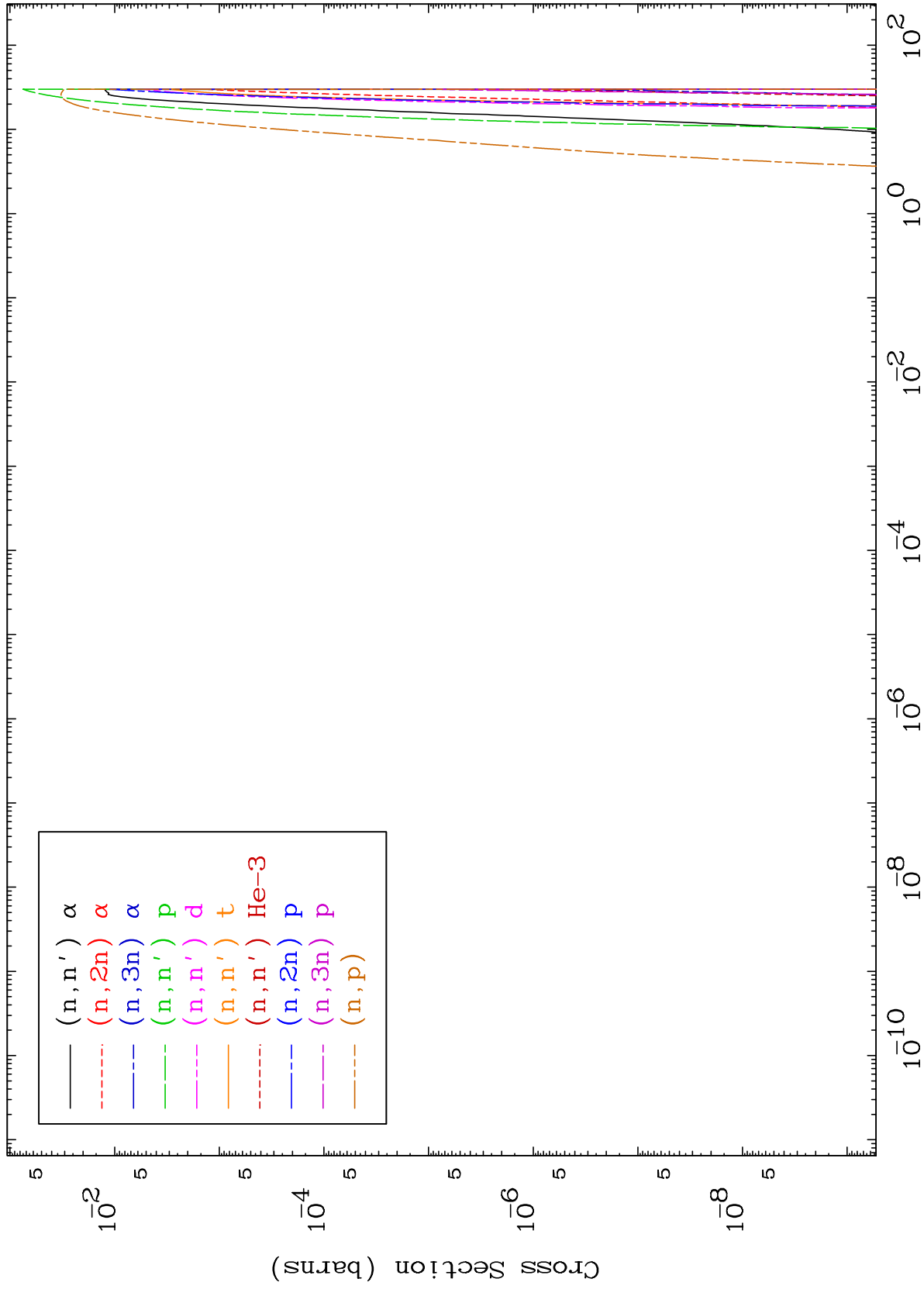
80-Hg-198



MAT 8031

Charged Particle
293 Kelvin Cross Sections

80-Hg-198



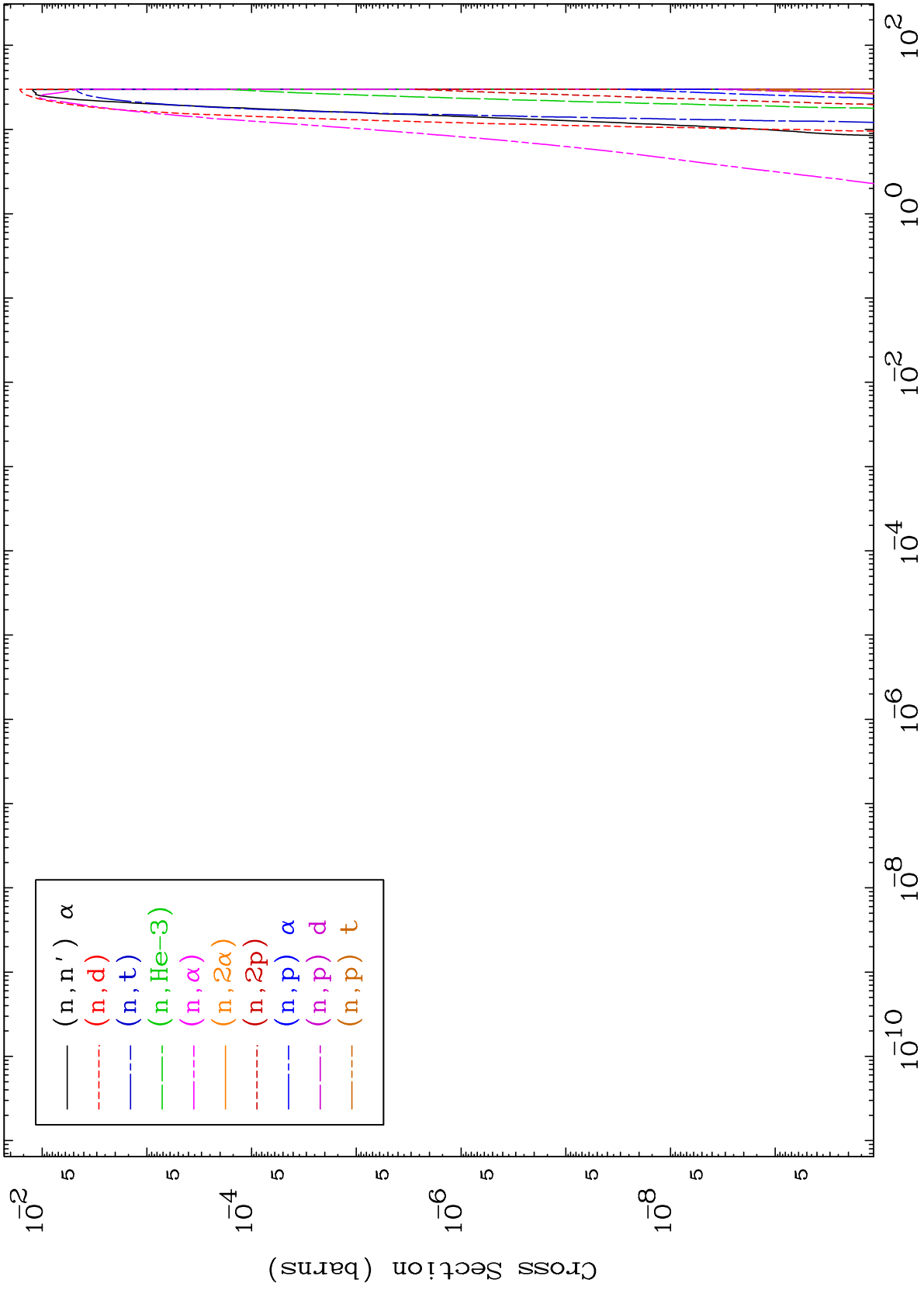
5

80-Hg-198

MAT 8031

293 Kelvin Cross Sections

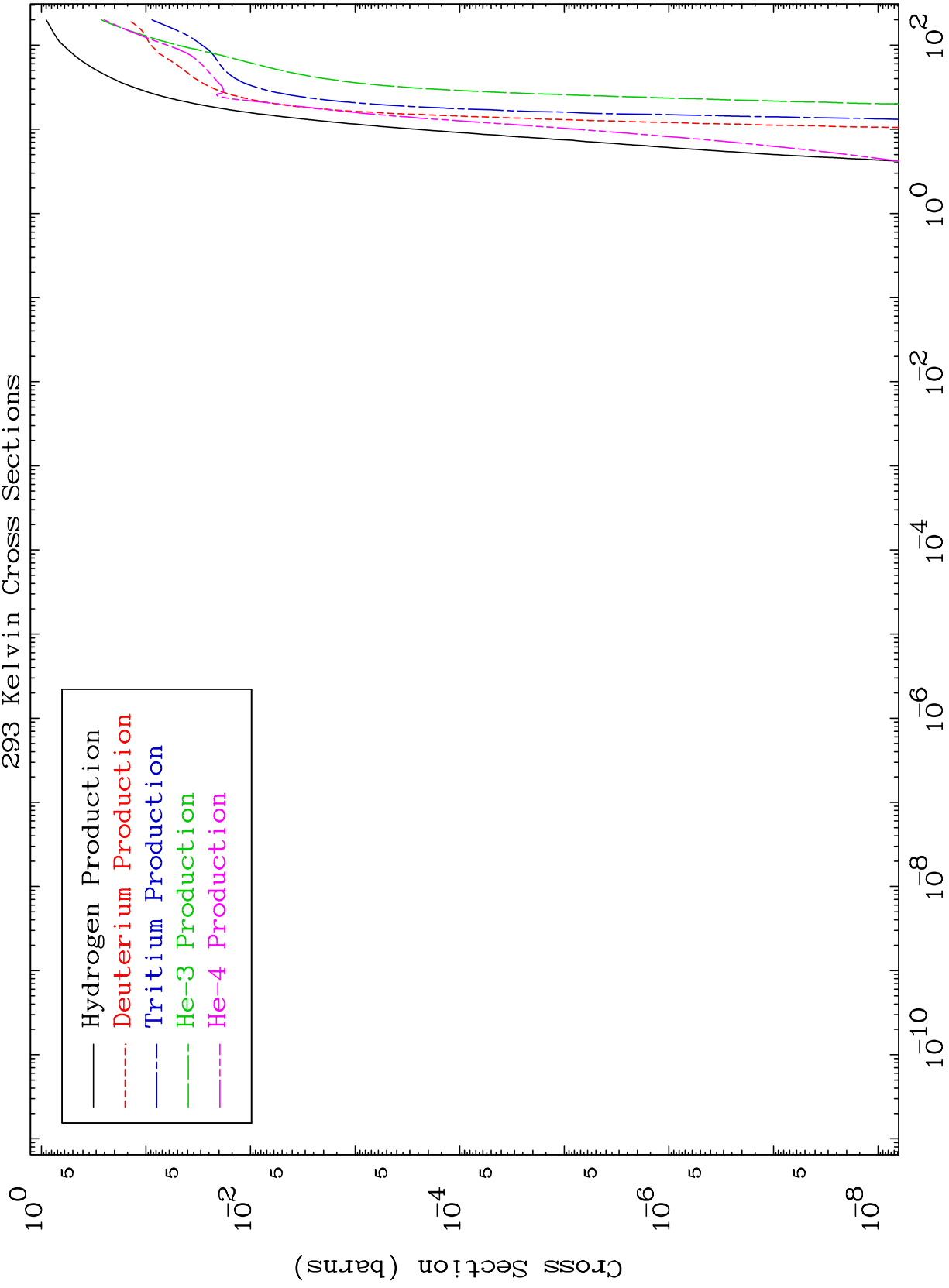
80-Hg-198



MAT 8031

Particle Production
293 Kelvin Cross Sections

80-Hg-198



7

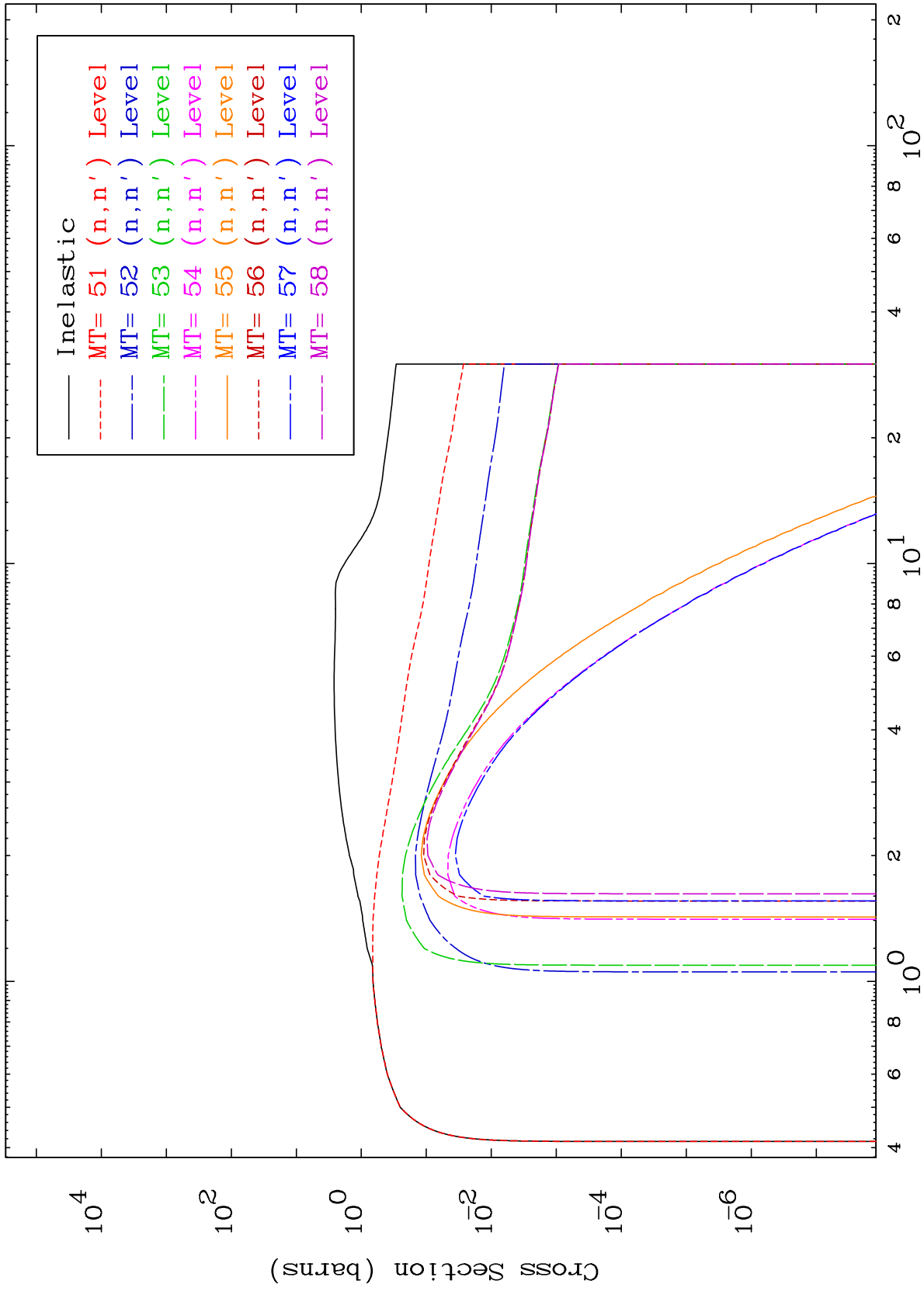
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-198



8

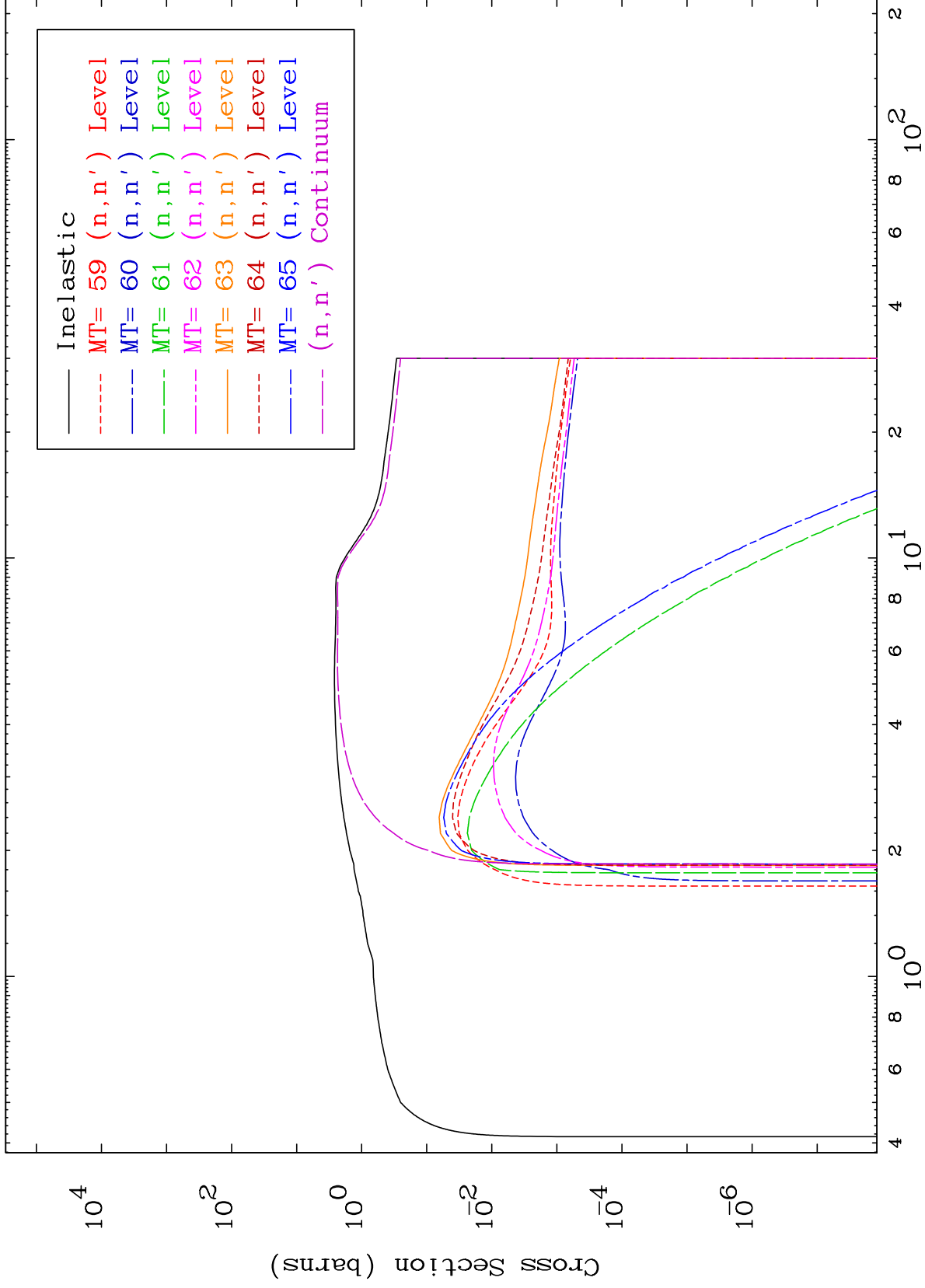
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,n') Levels
293 Kelvin Cross Sections

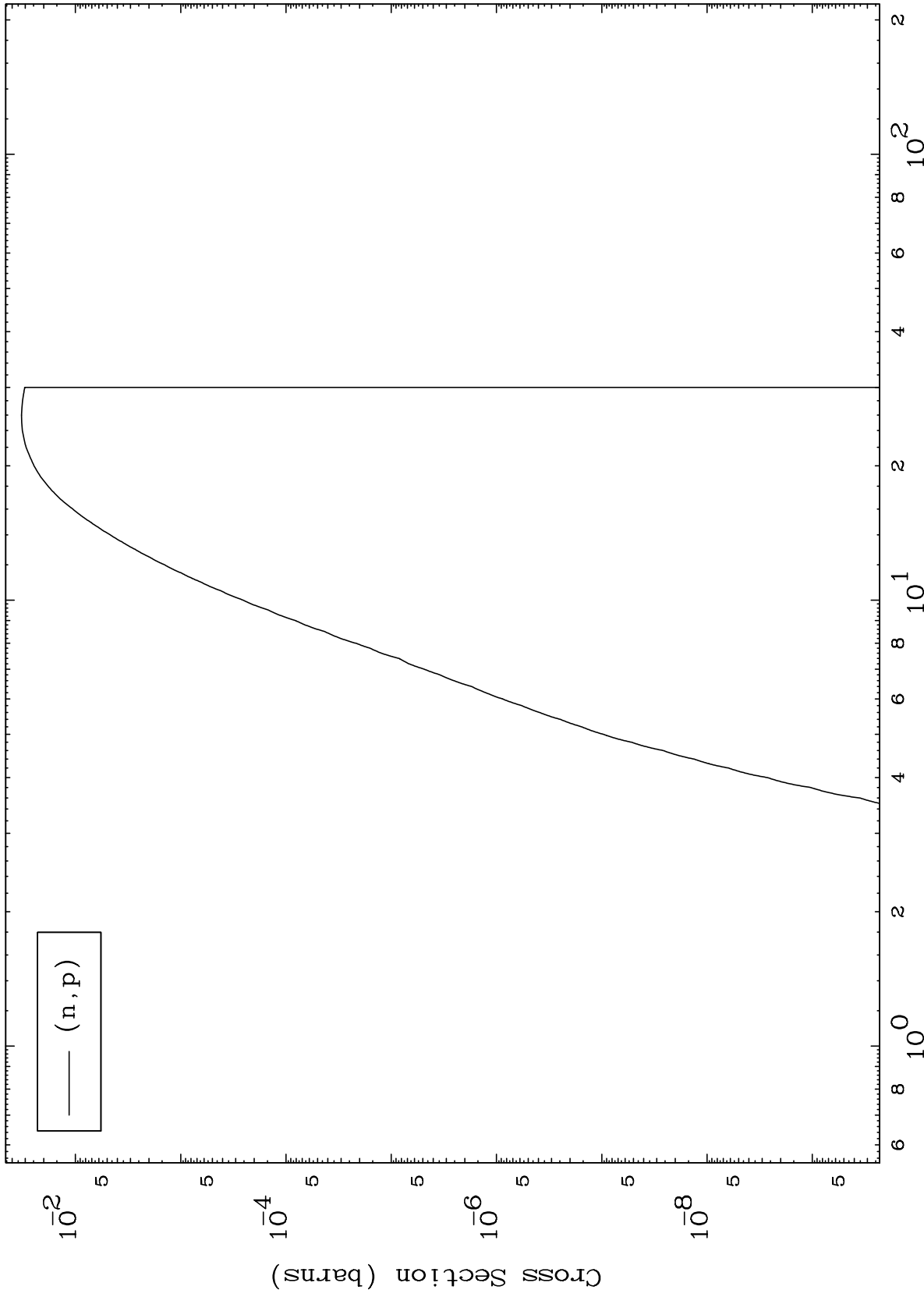
80-Hg-198



MAT 8031

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-198



10

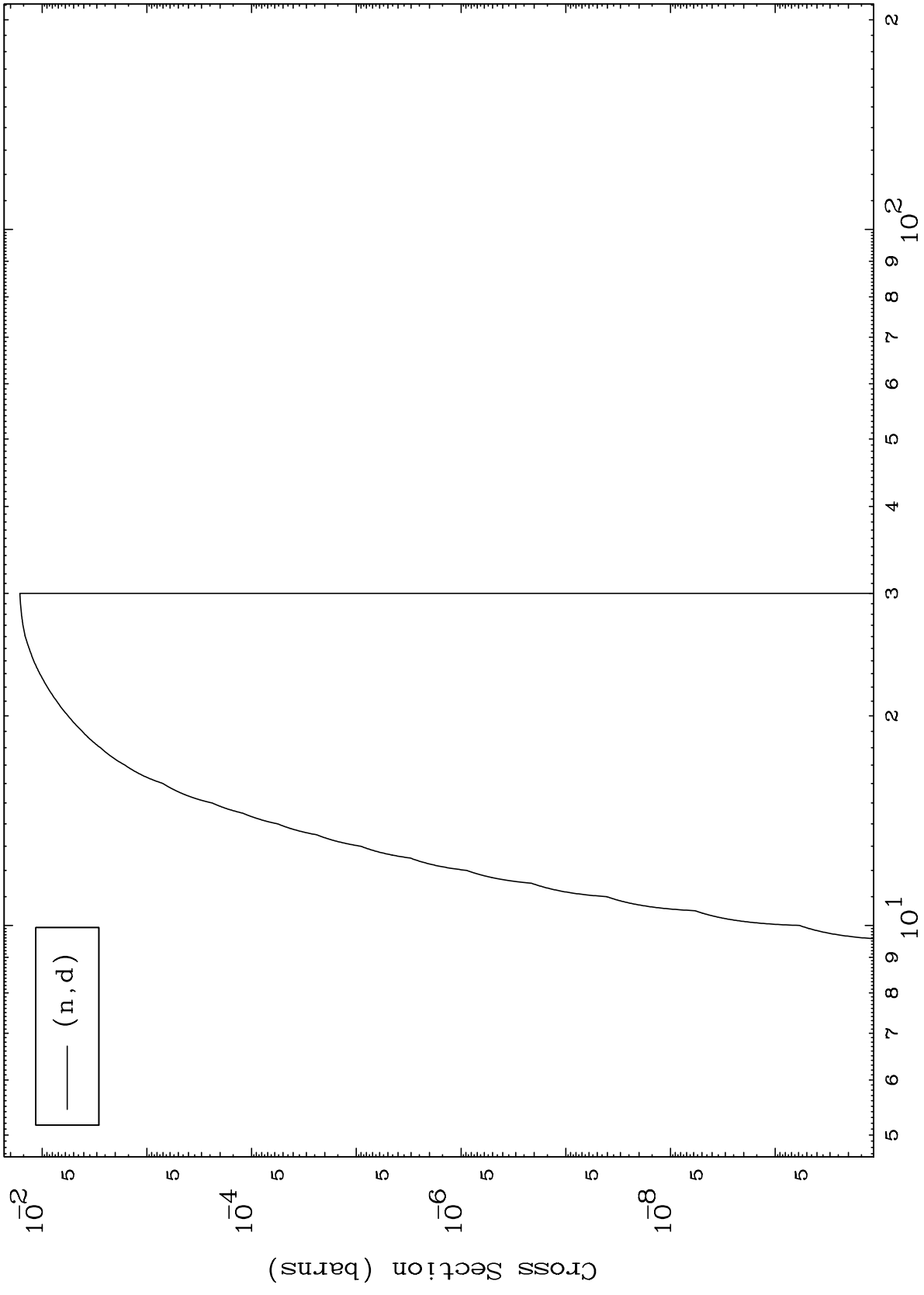
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-198



11

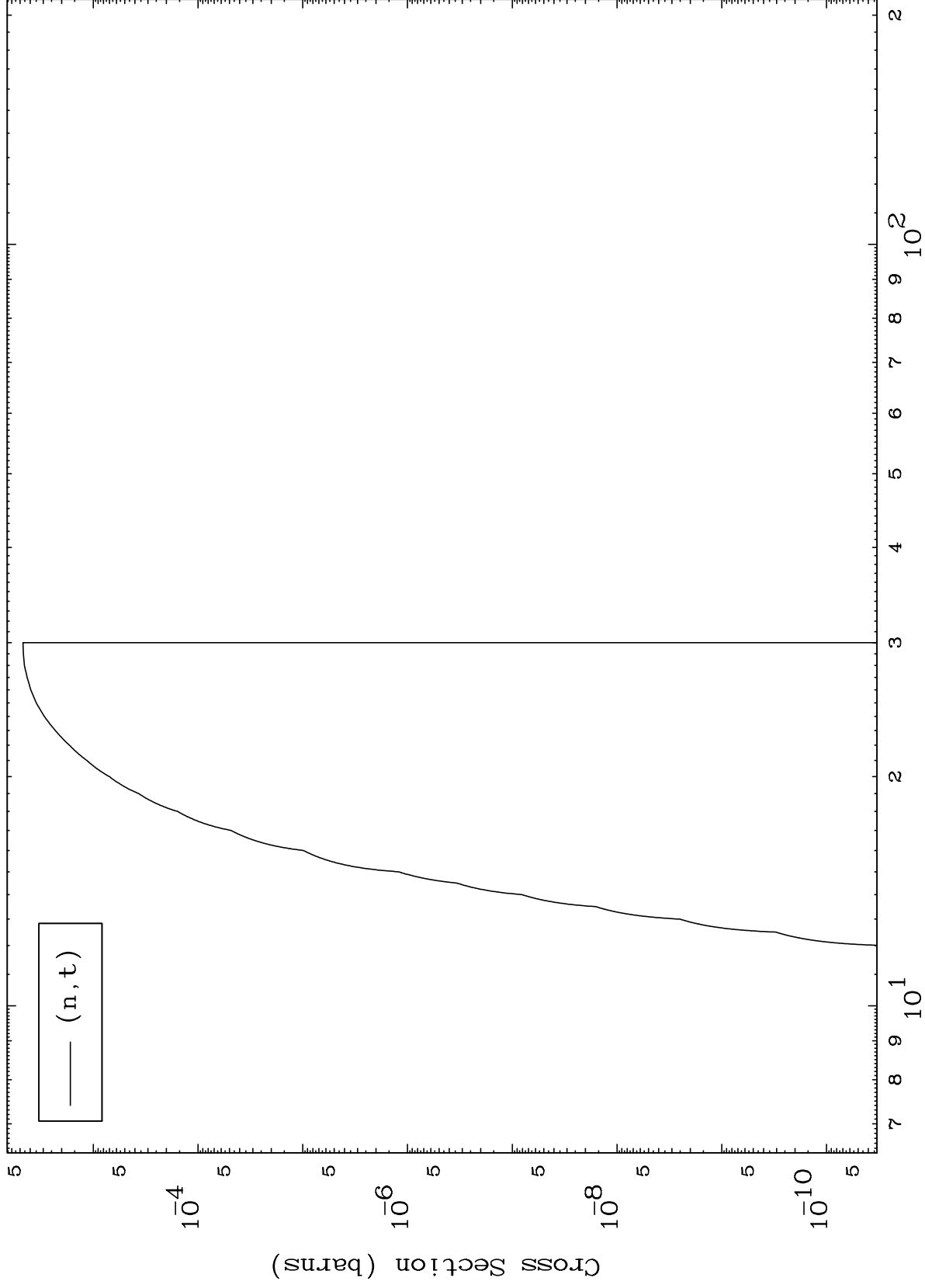
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-198



12

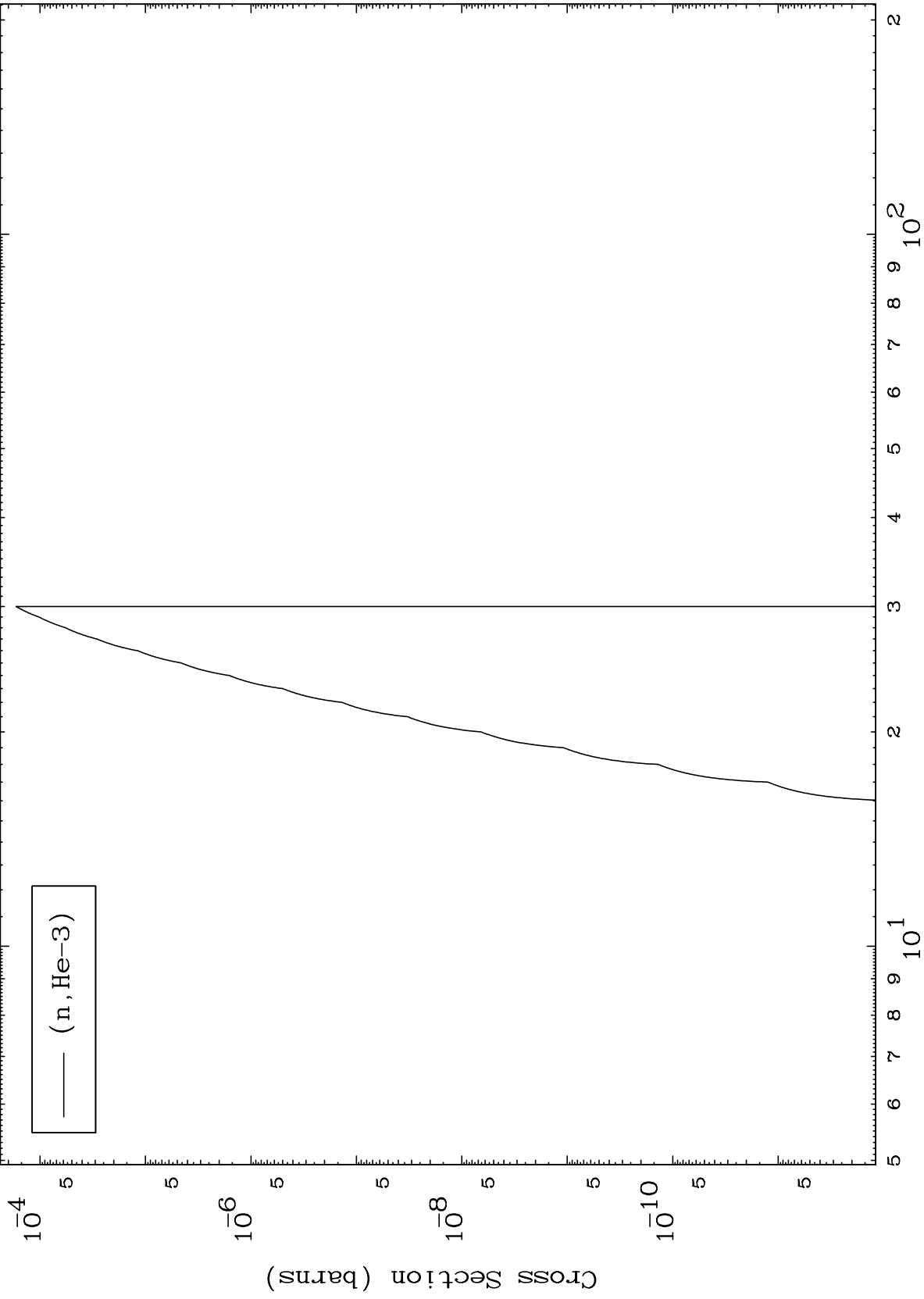
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-198



13

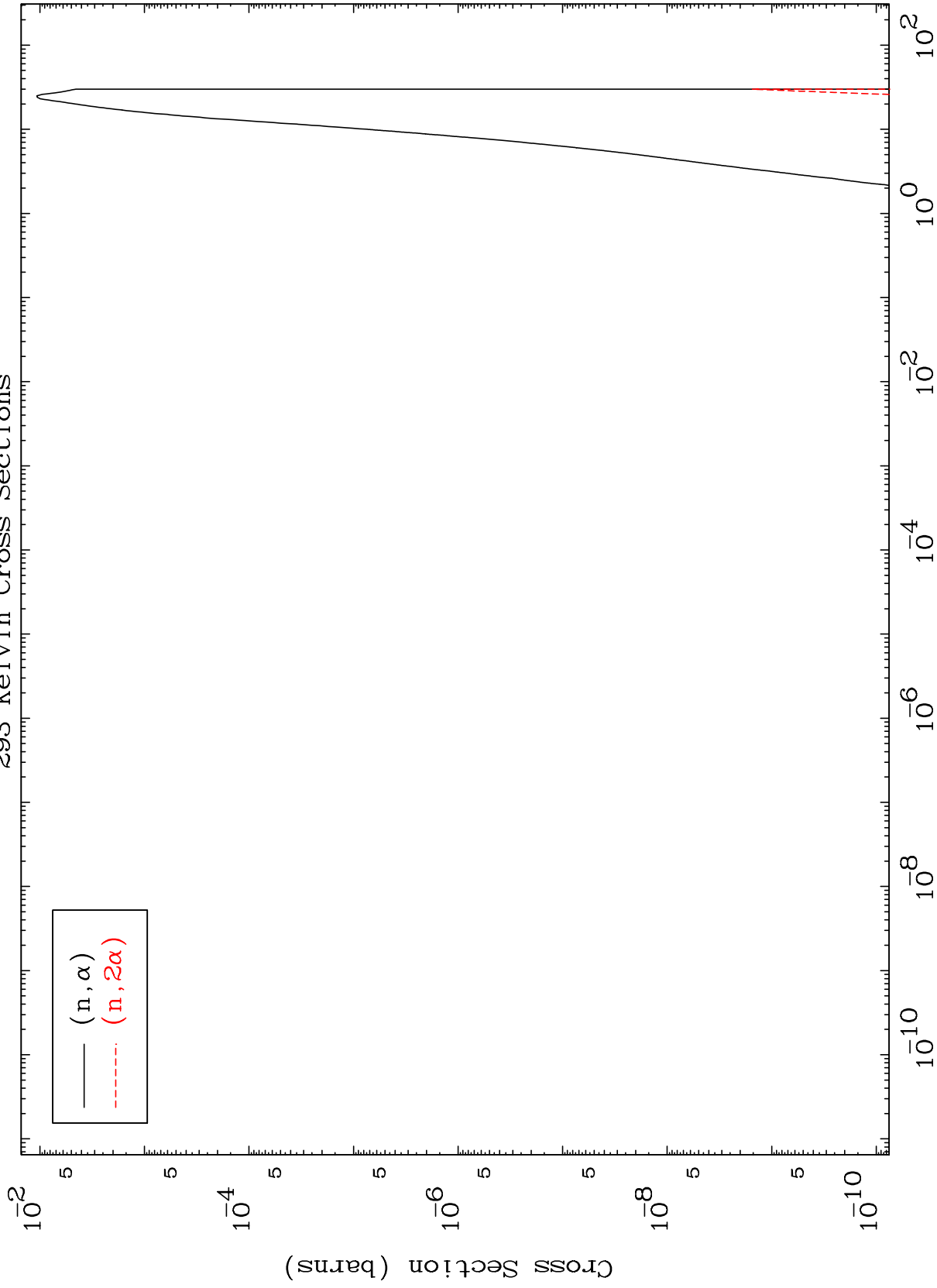
Incident Energy (MeV)

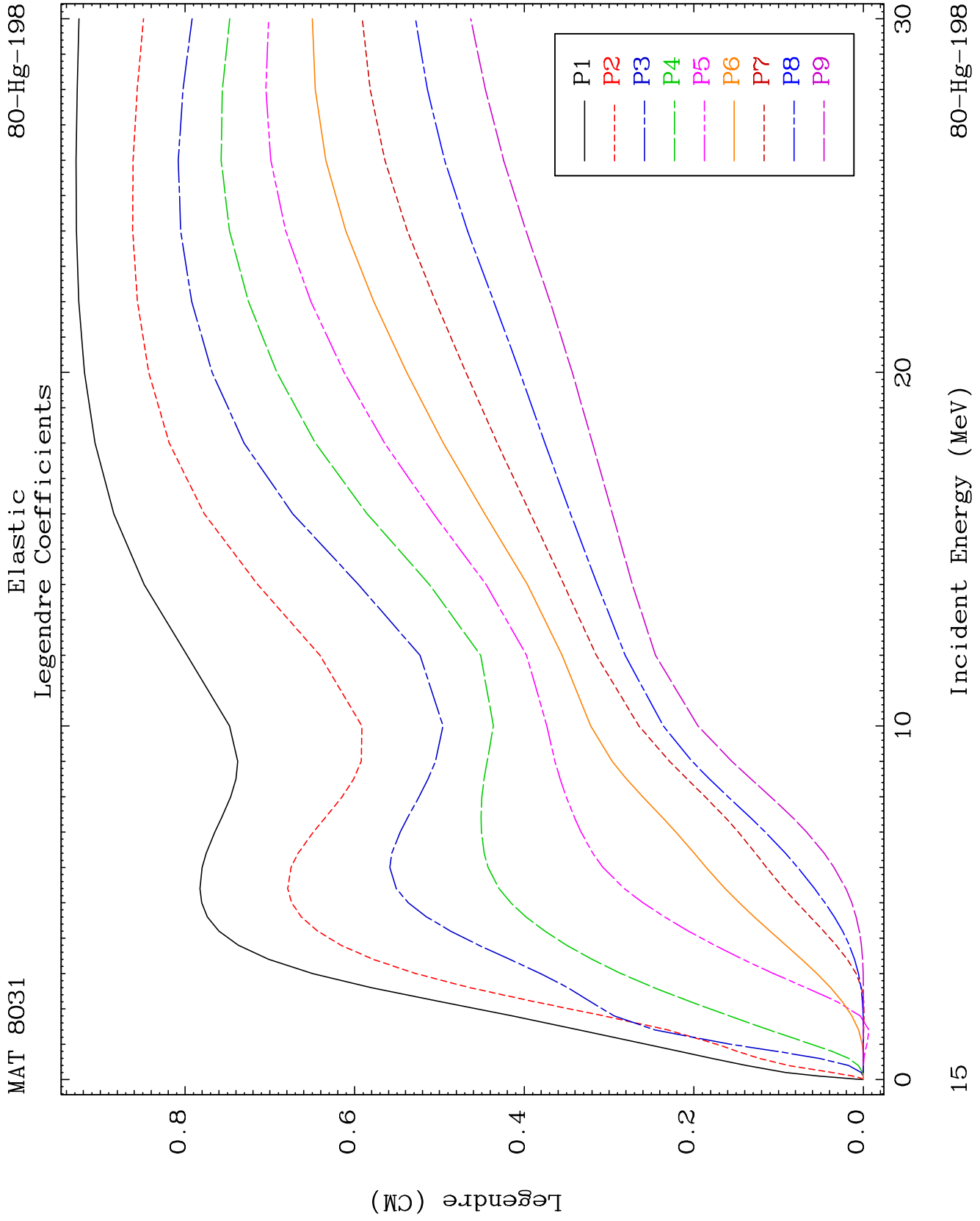
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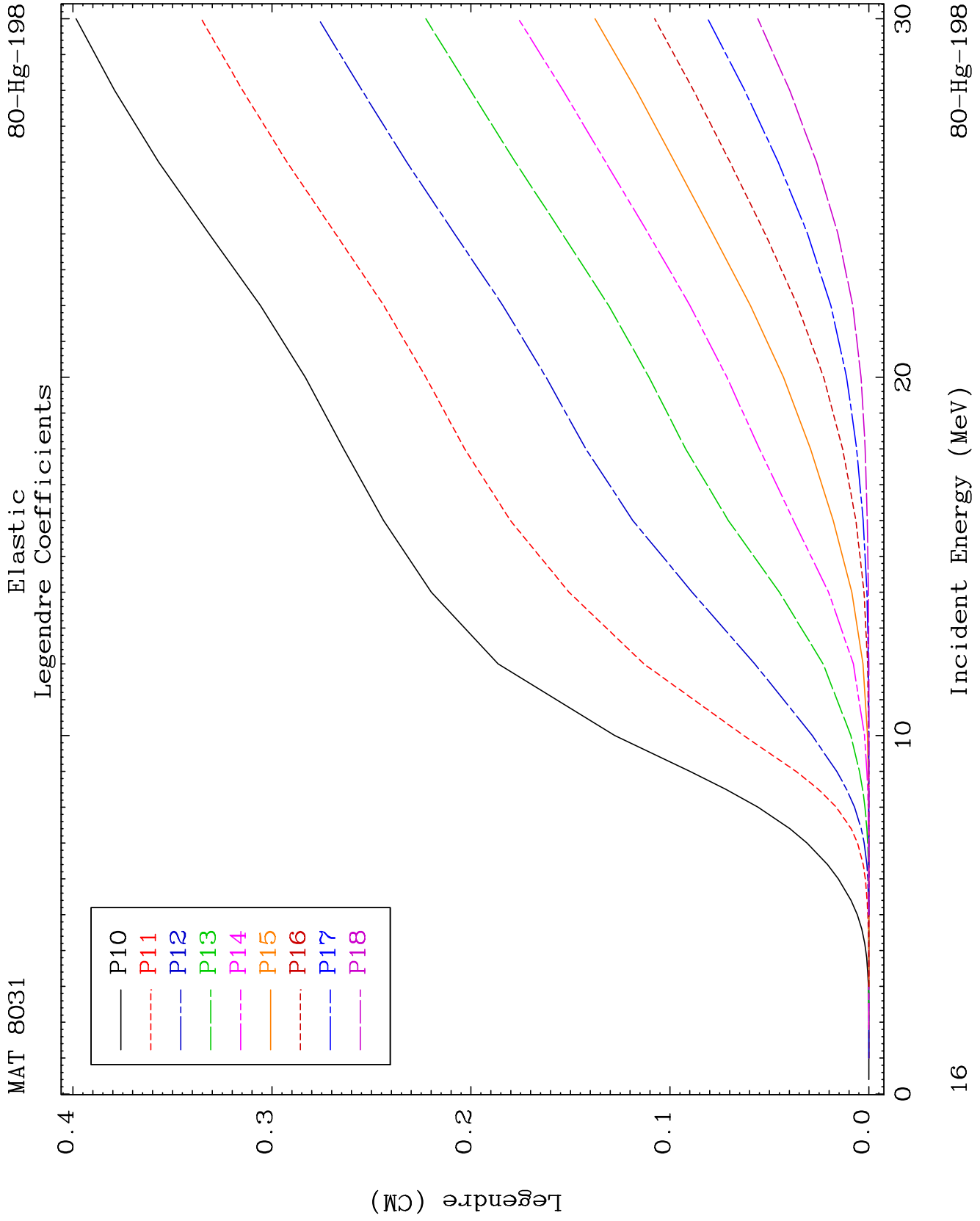
MAT 8031

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-198



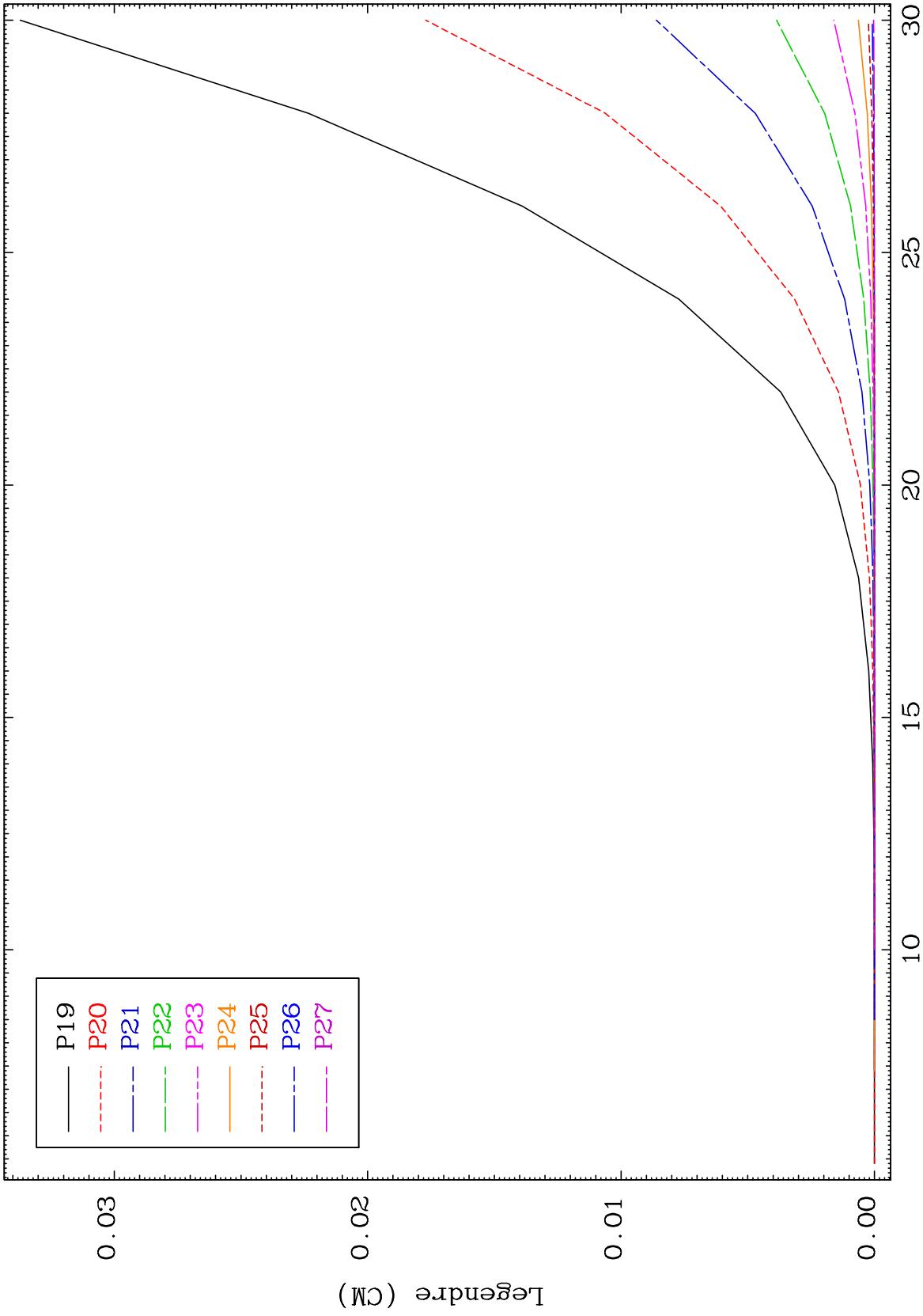




MAT 8031

Elastic Legendre Coefficients

80-Hg-198



17

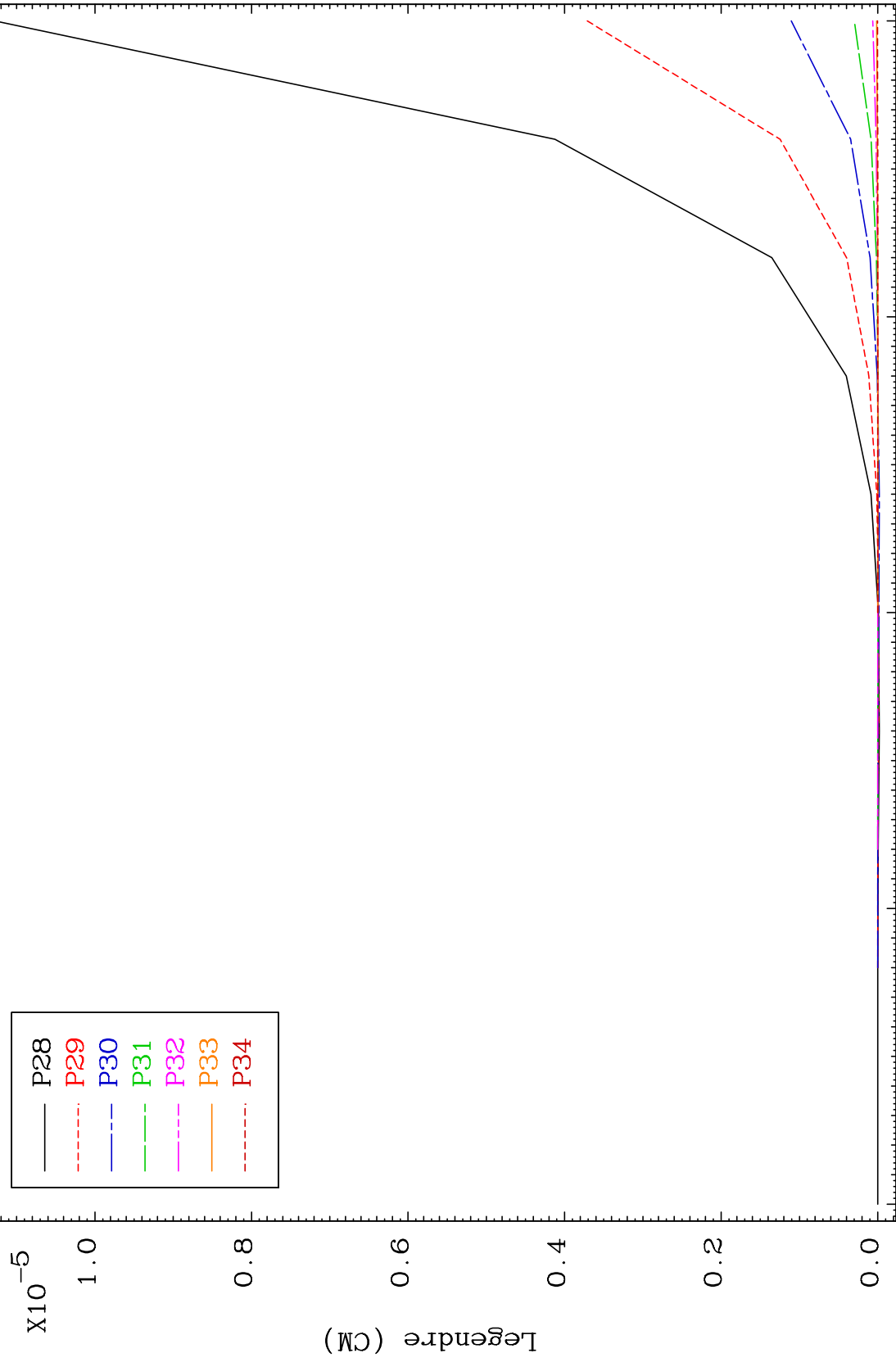
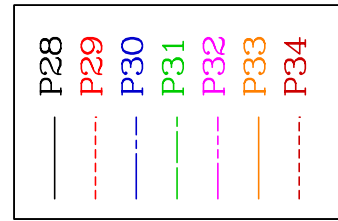
Incident Energy (MeV)

80-Hg-198

MAT 8031

Elastic Legendre Coefficients

80-Hg-198



18

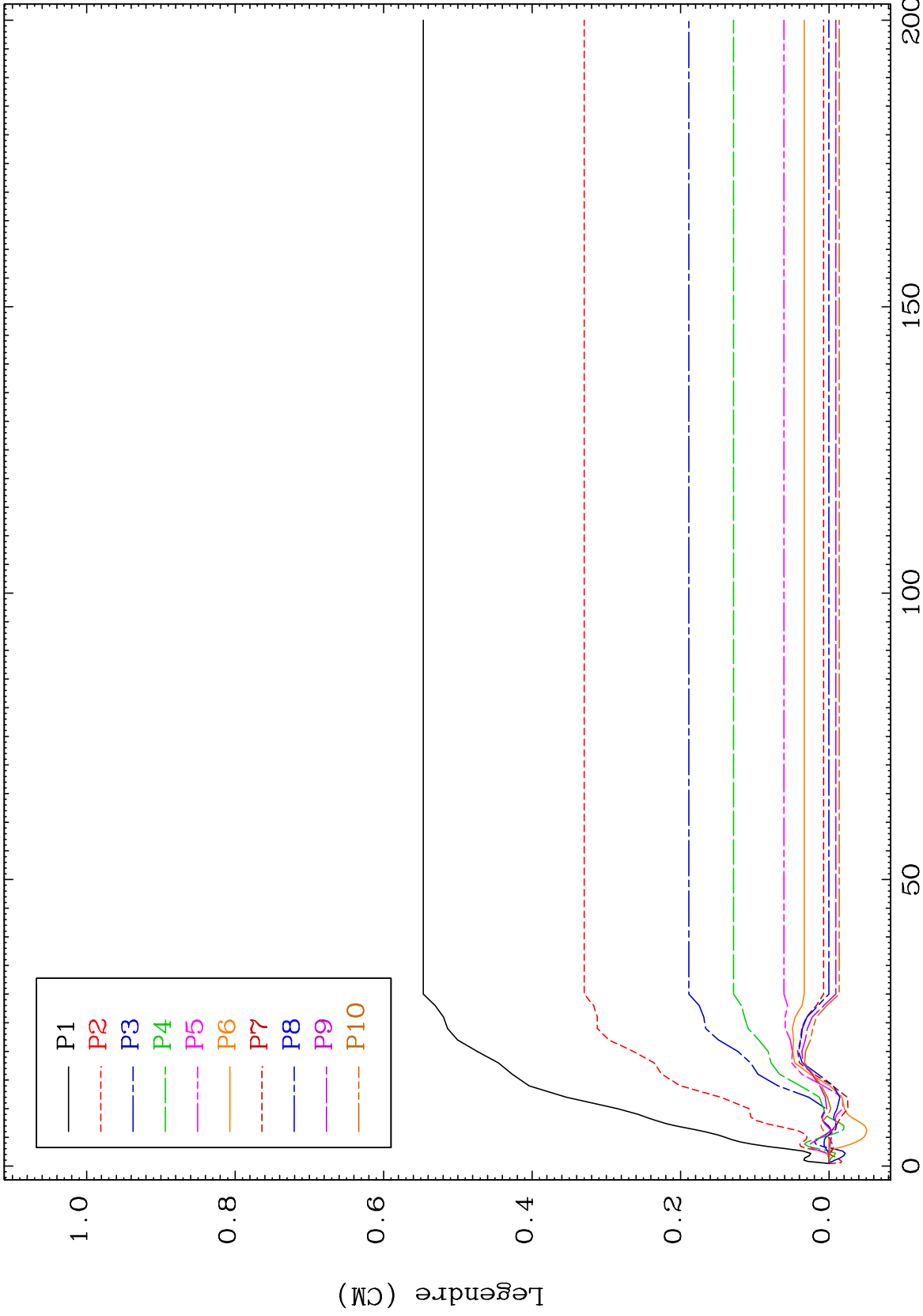
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

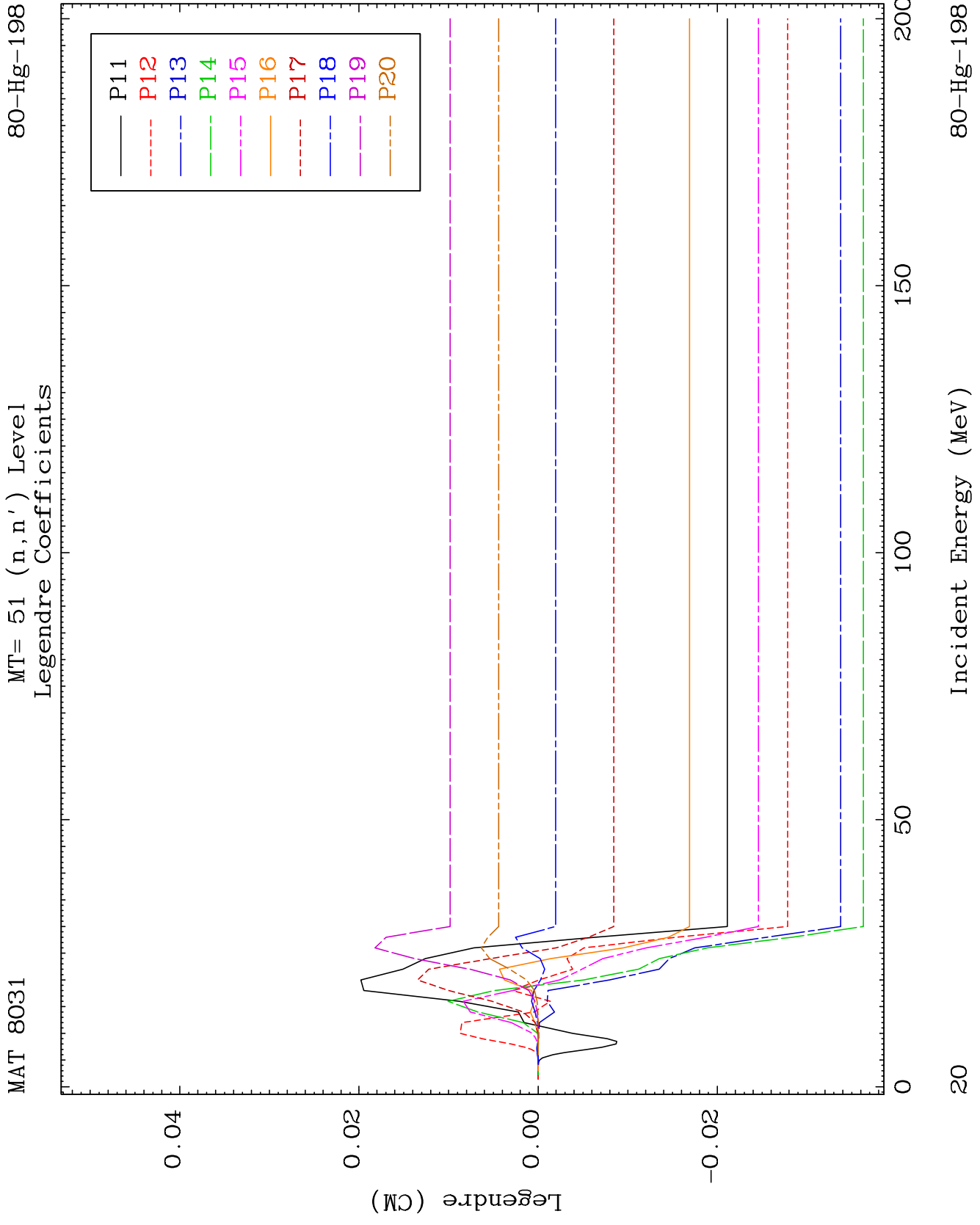
80-Hg-198



19

Incident Energy (MeV)

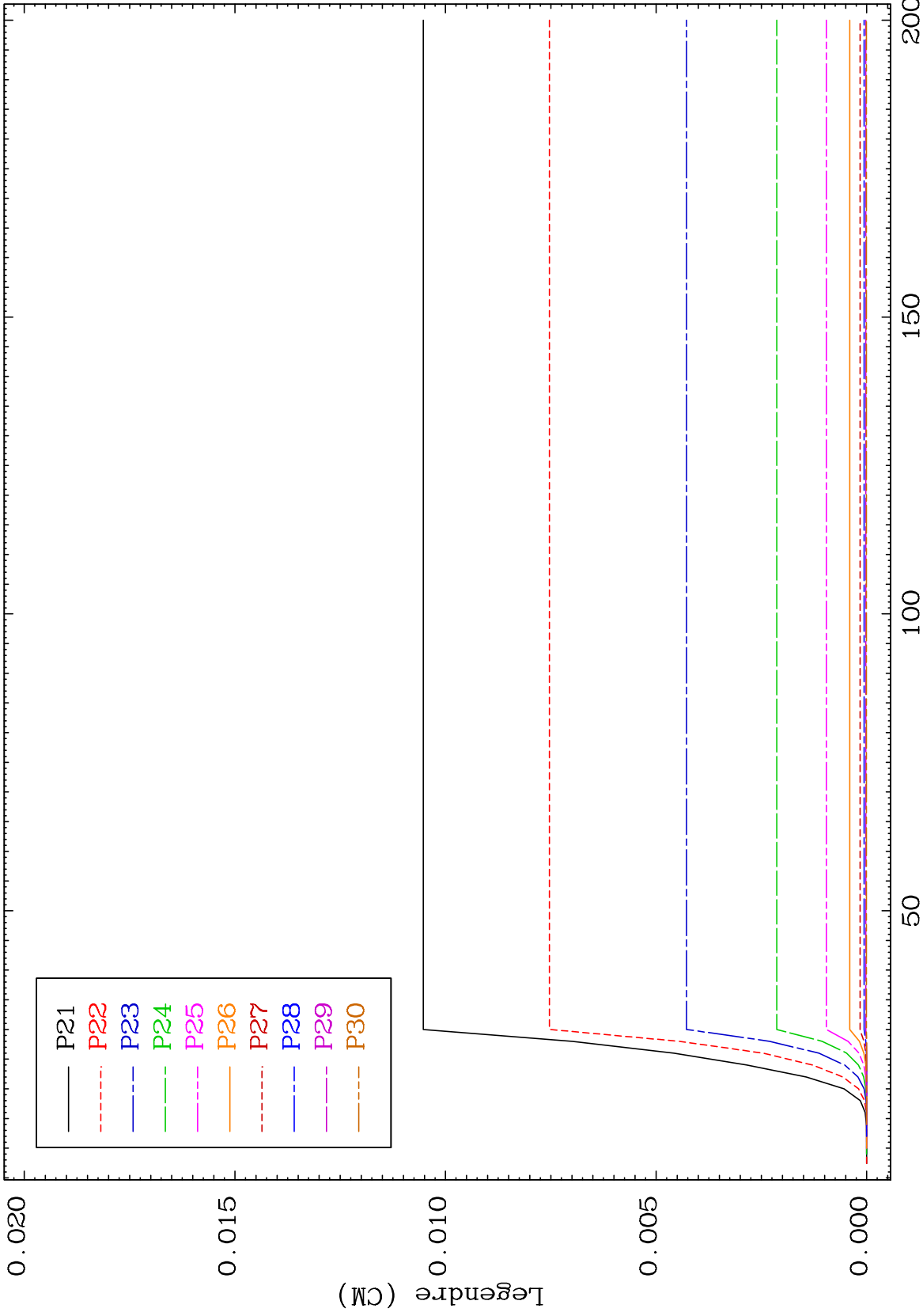
80-Hg-198



MAT 8031

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

80-Hg-198



21

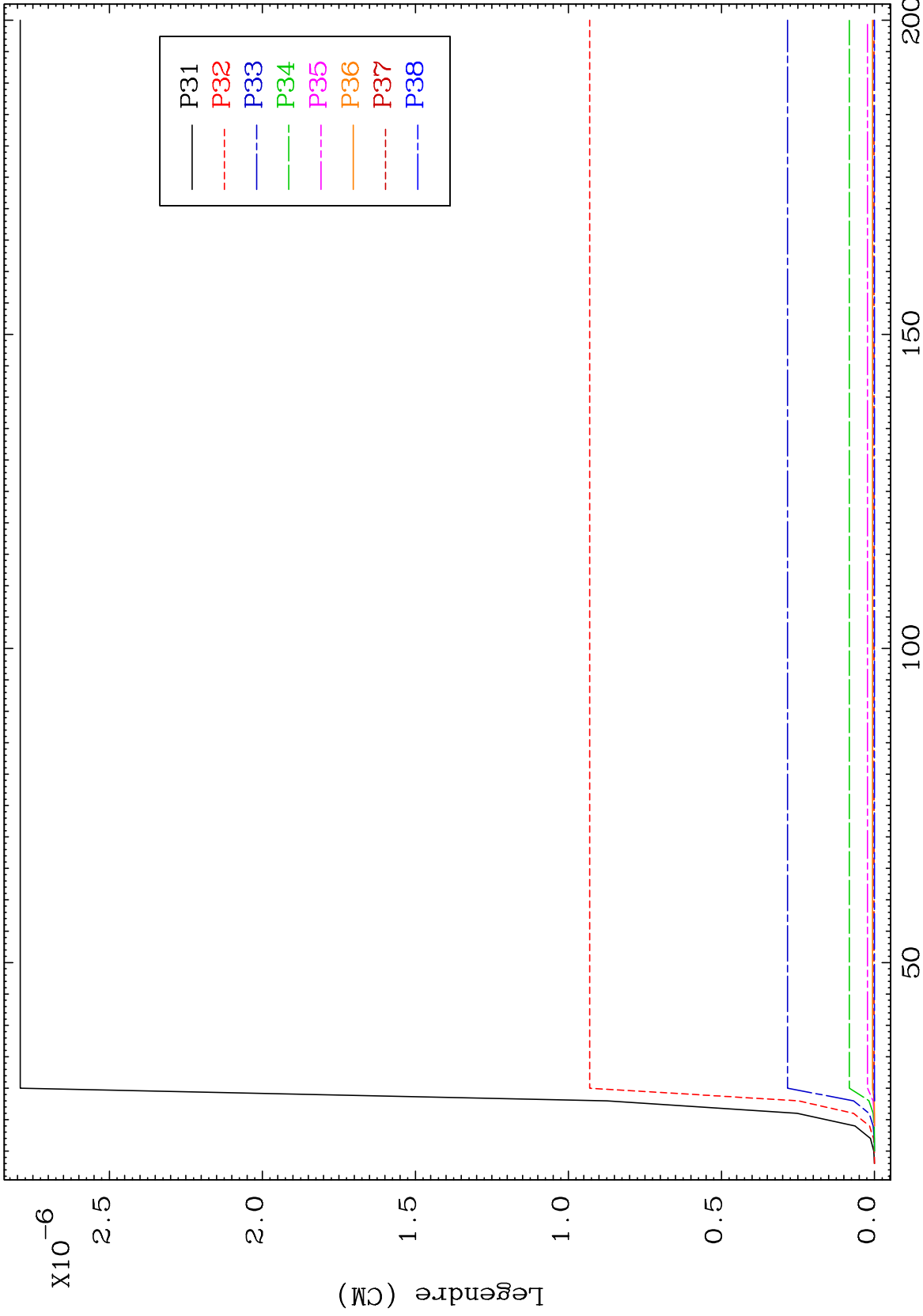
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

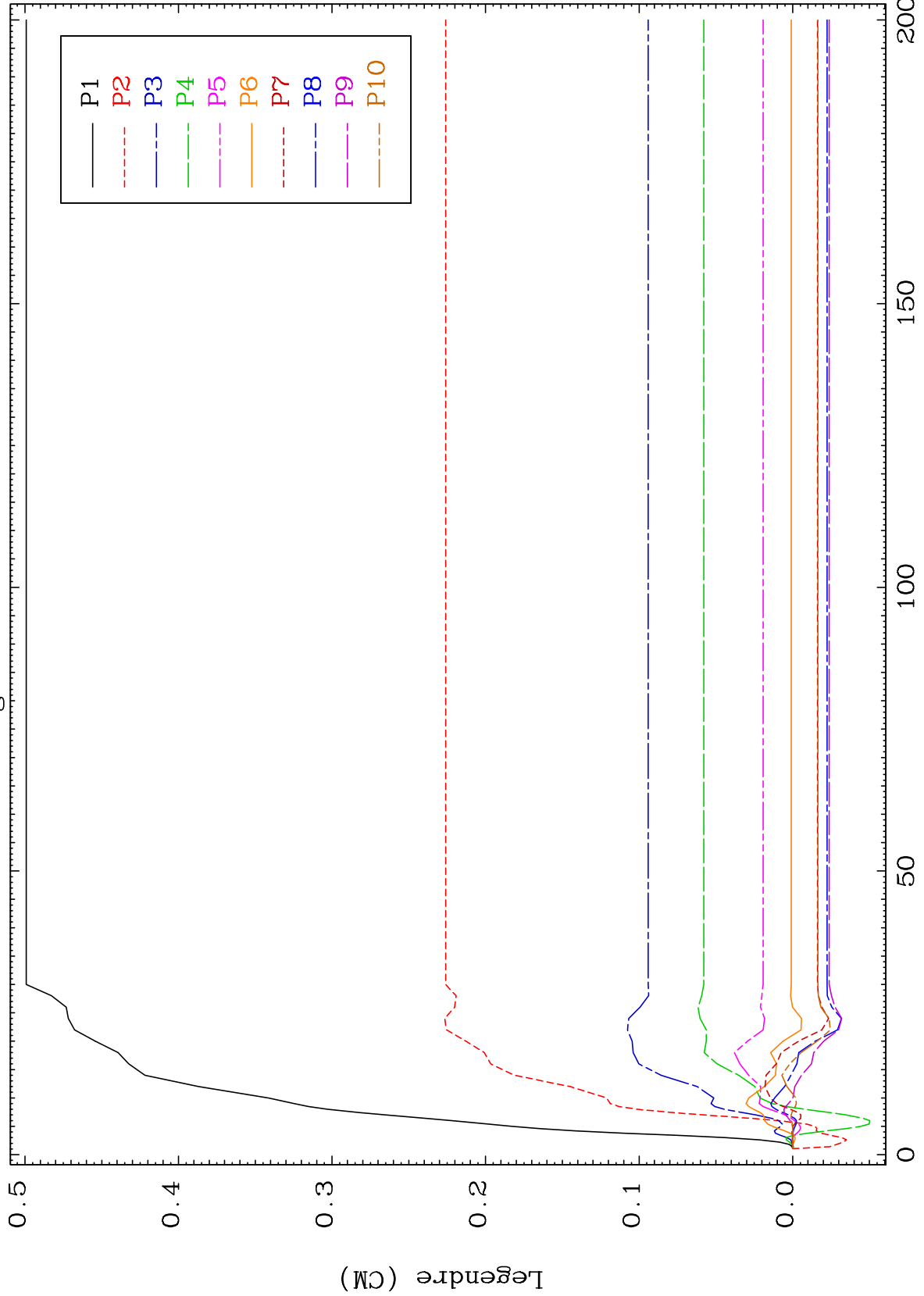


22

80-Hg-198

MAT 8031 MT= 52 (n,n') Level Legendre Coefficients

80-Hg-198



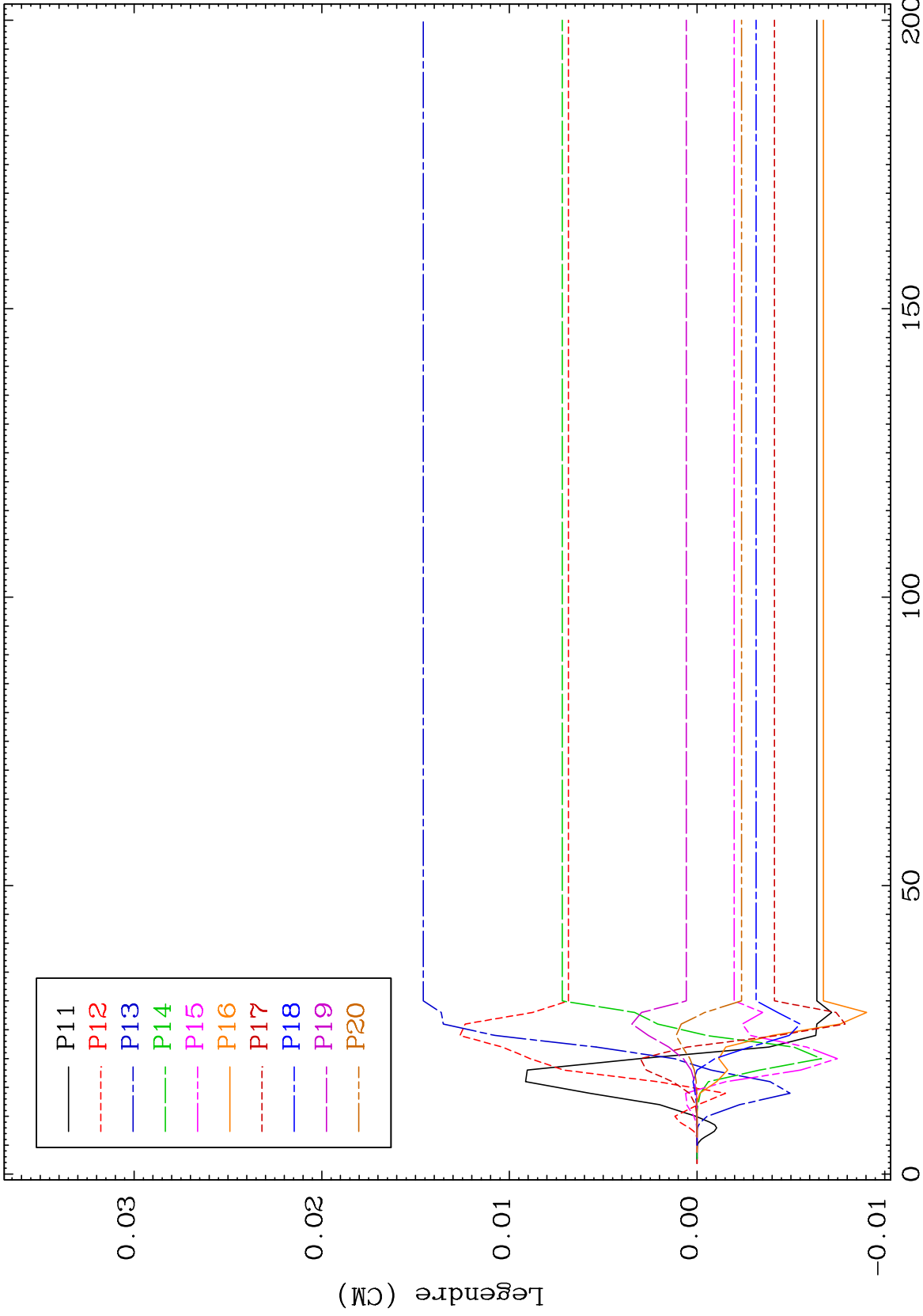
80-Hg-198

Incident Energy (MeV)

MAT 8031

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

80-Hg-198



24

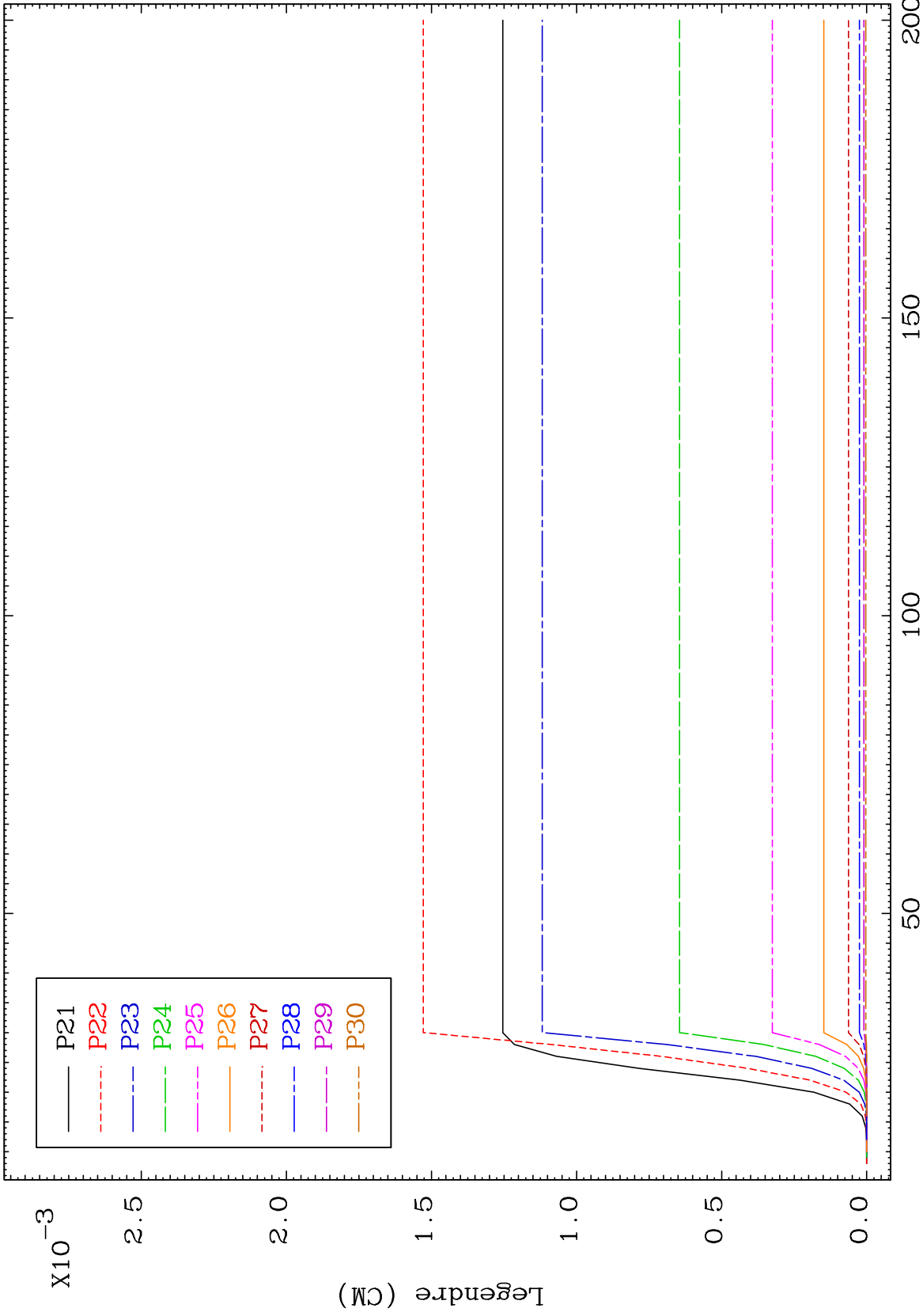
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



25

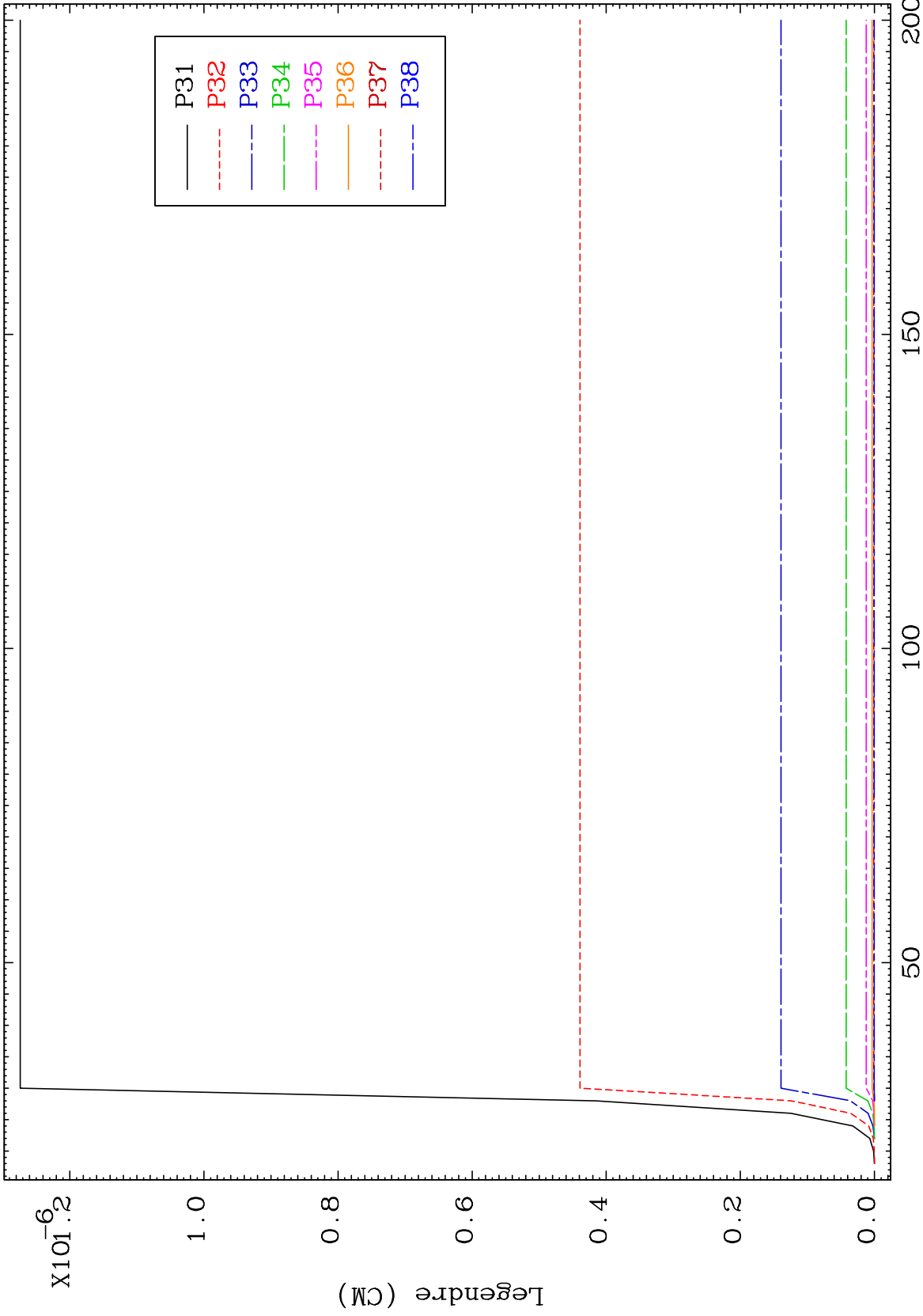
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



26

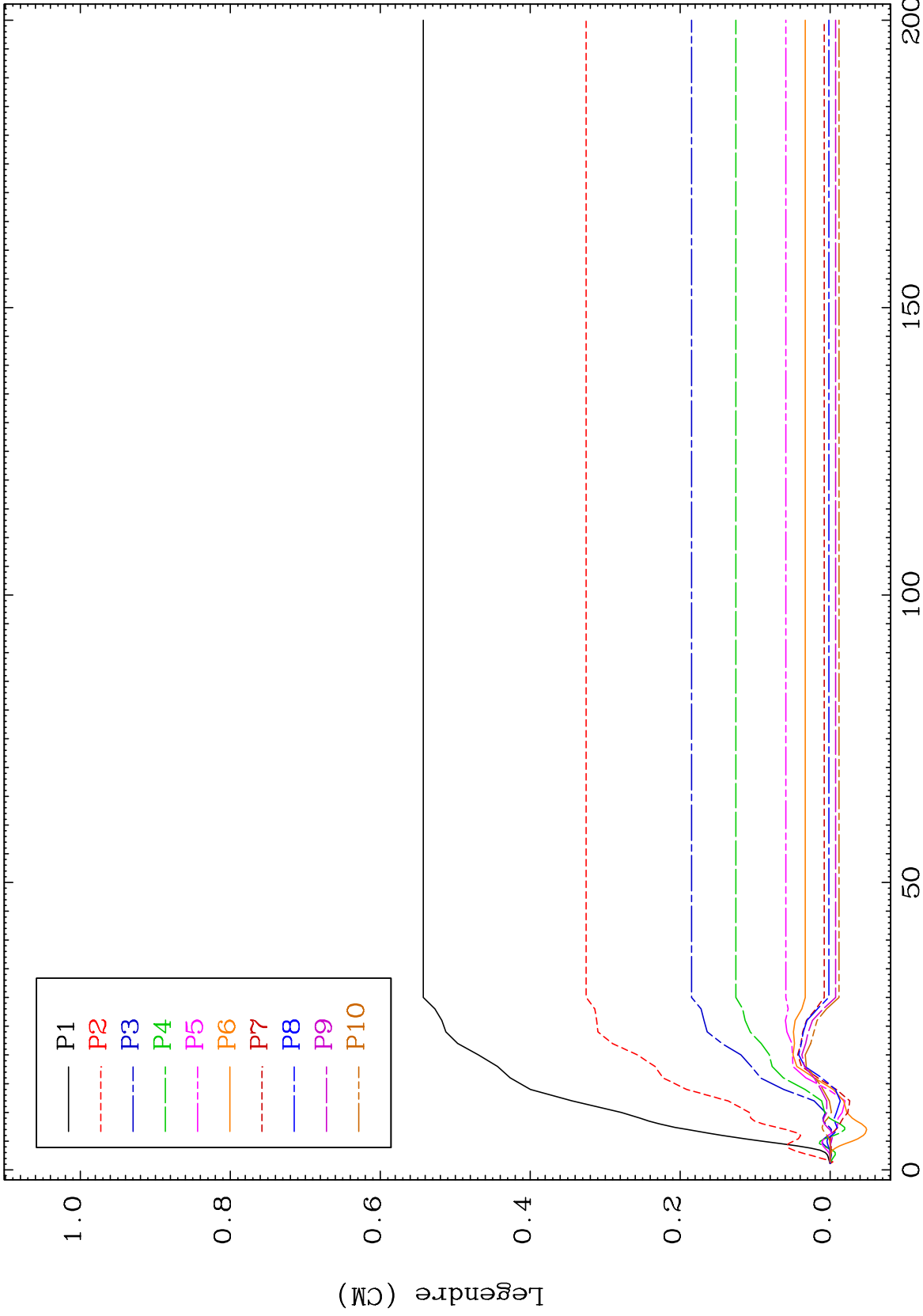
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



27

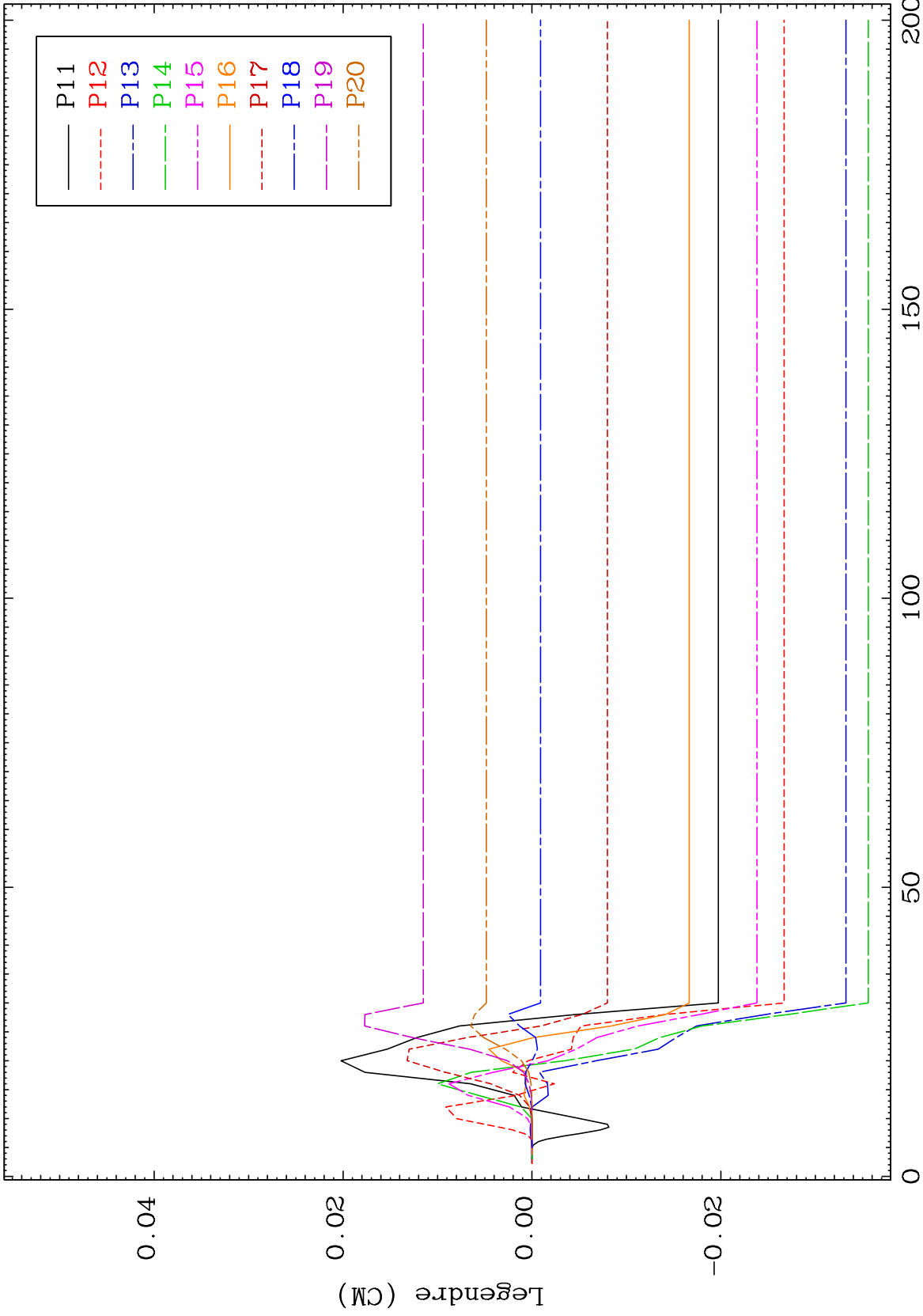
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



28

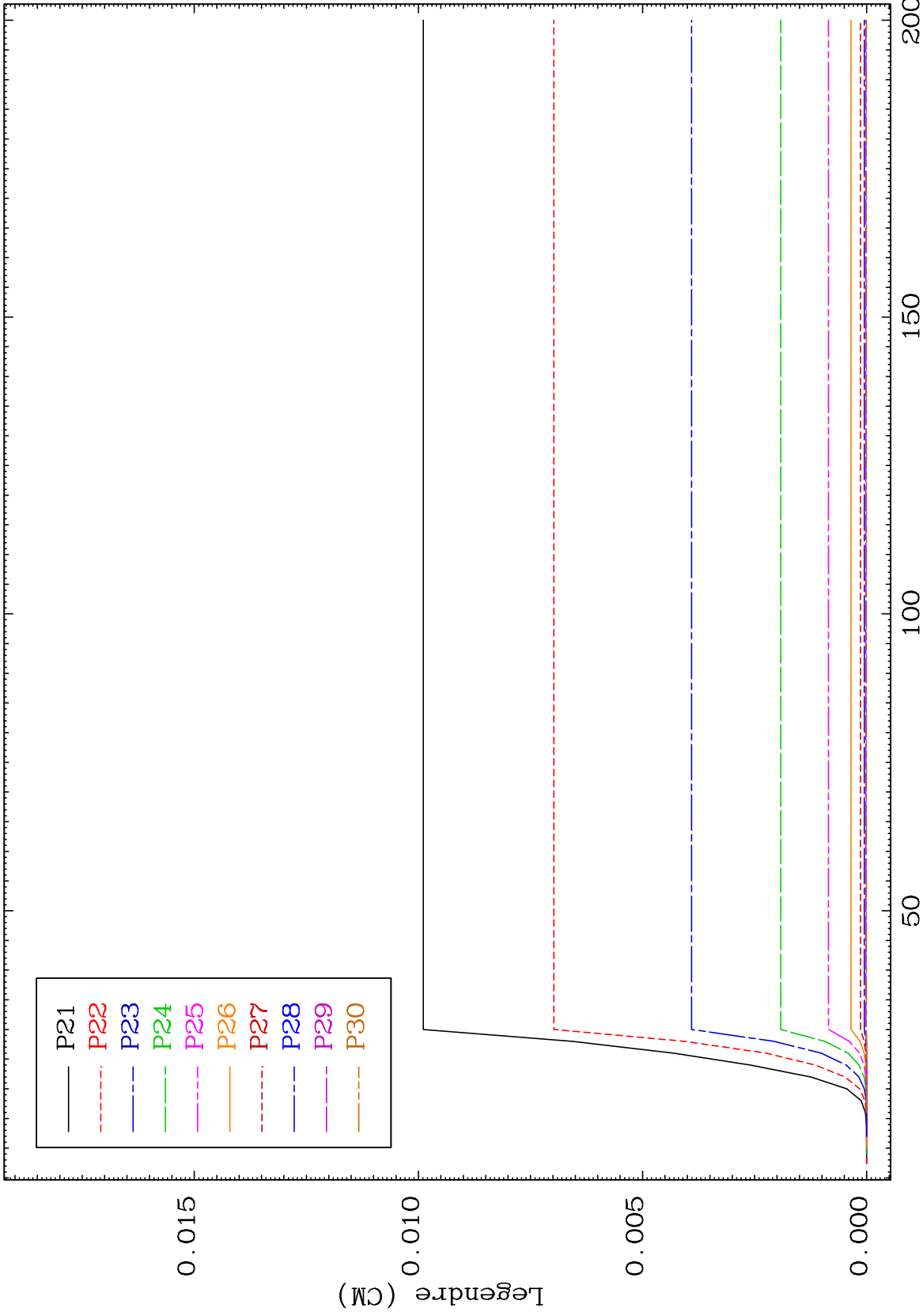
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



29

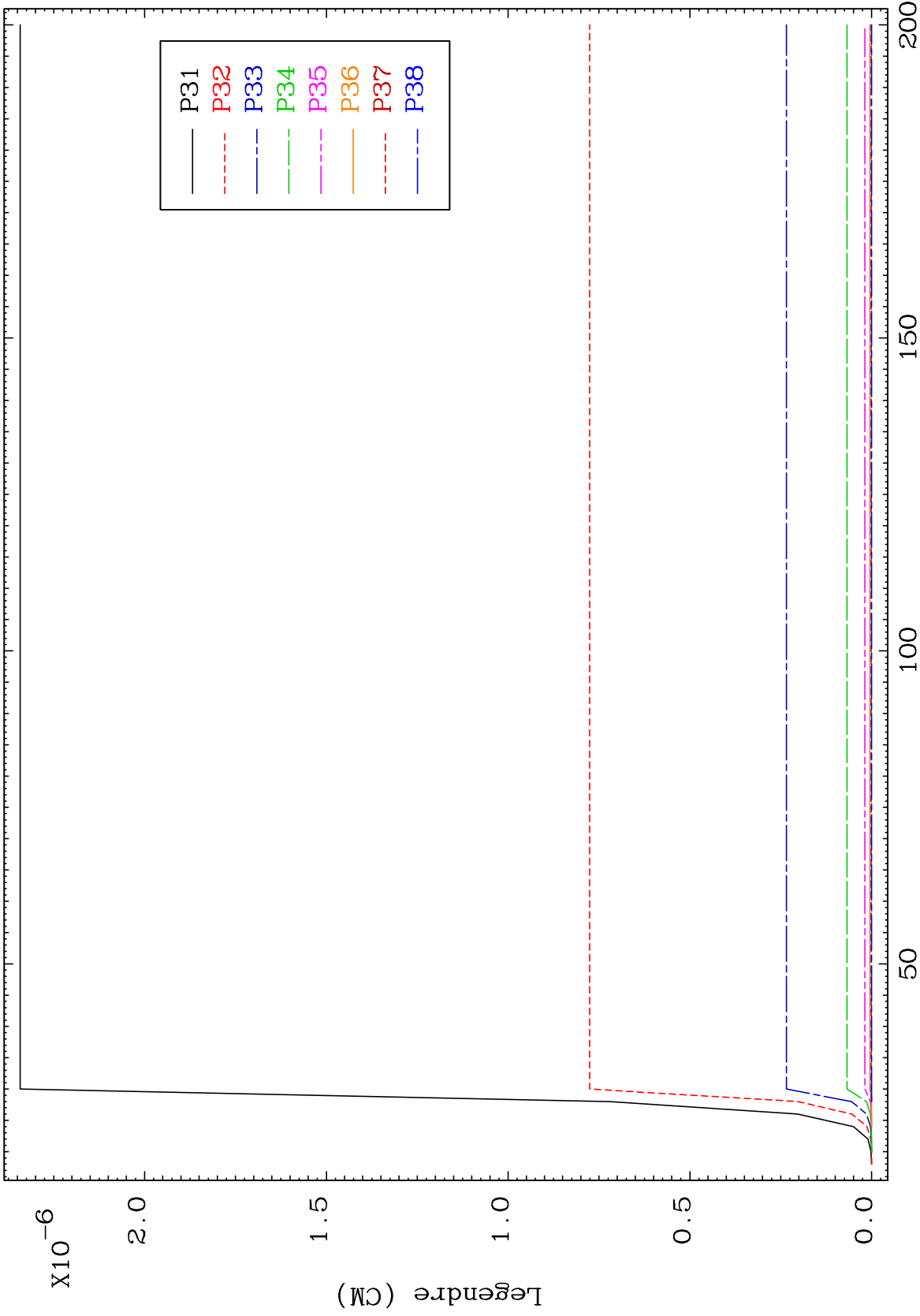
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



30

Incident Energy (MeV)

50

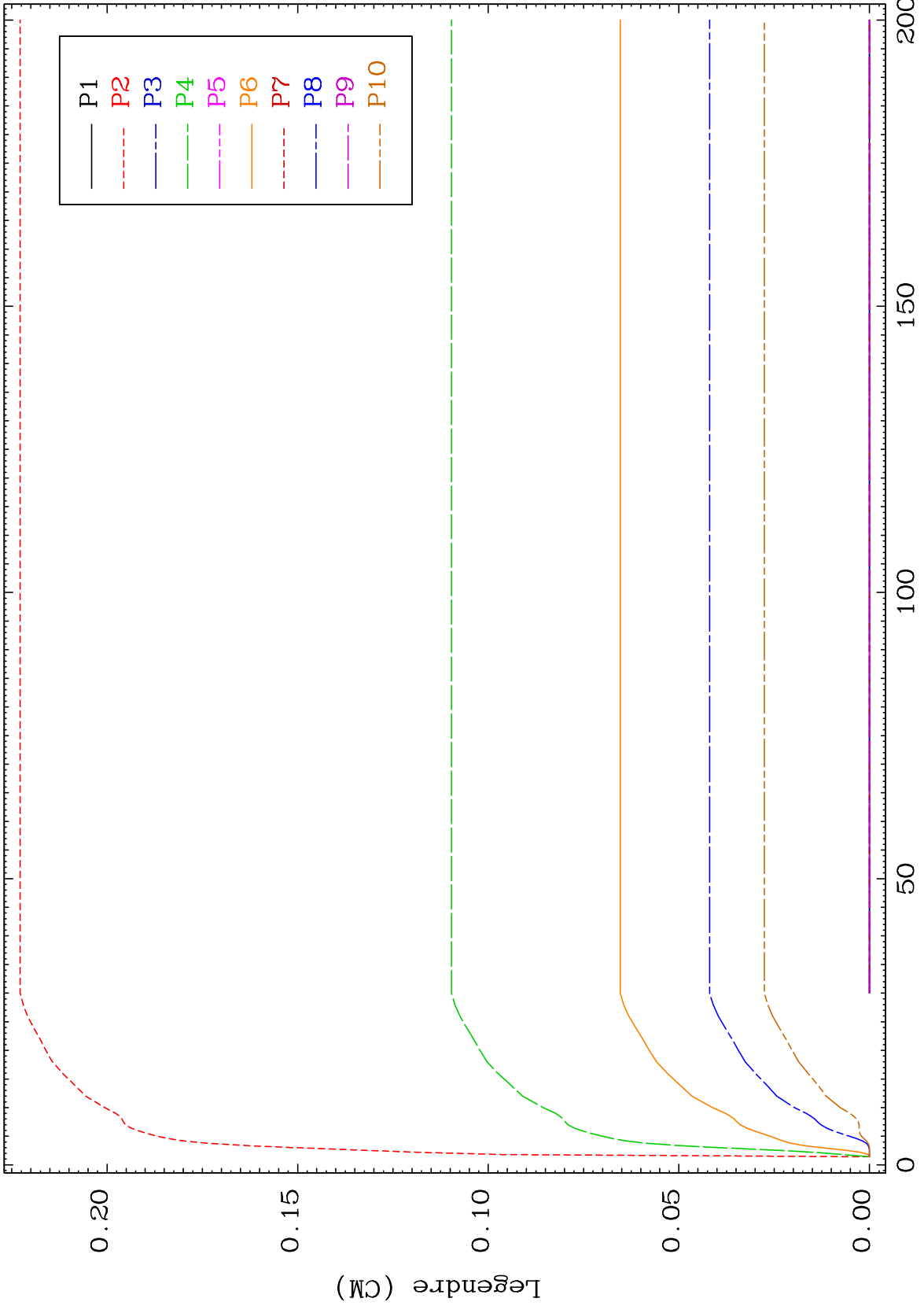
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80-Hg-198

MAT 8031 MT= 54 (n,n') Level Legendre Coefficients 80-Hg-198

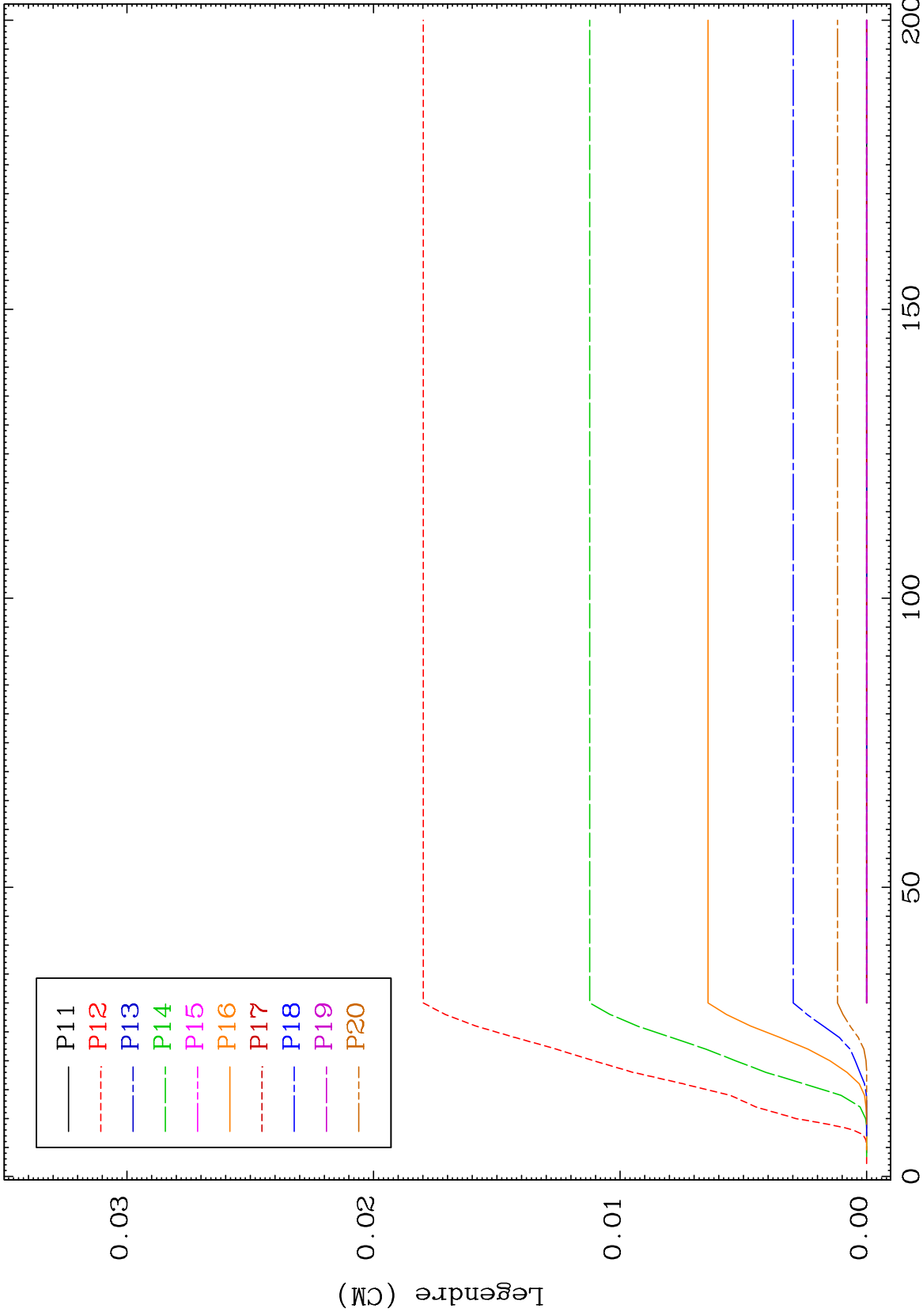


31 80-Hg-198

MAT 8031

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

80-Hg-198



32

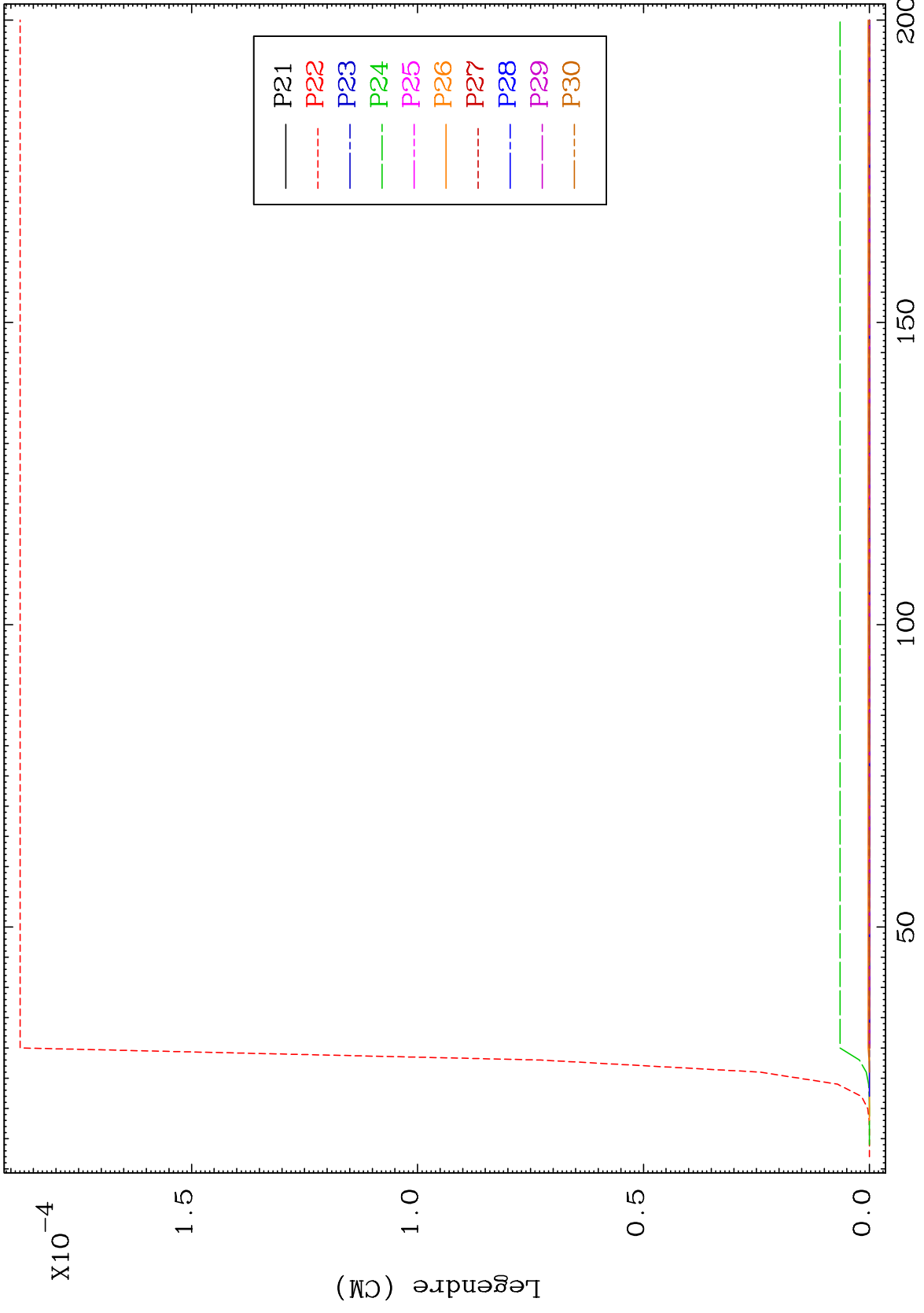
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

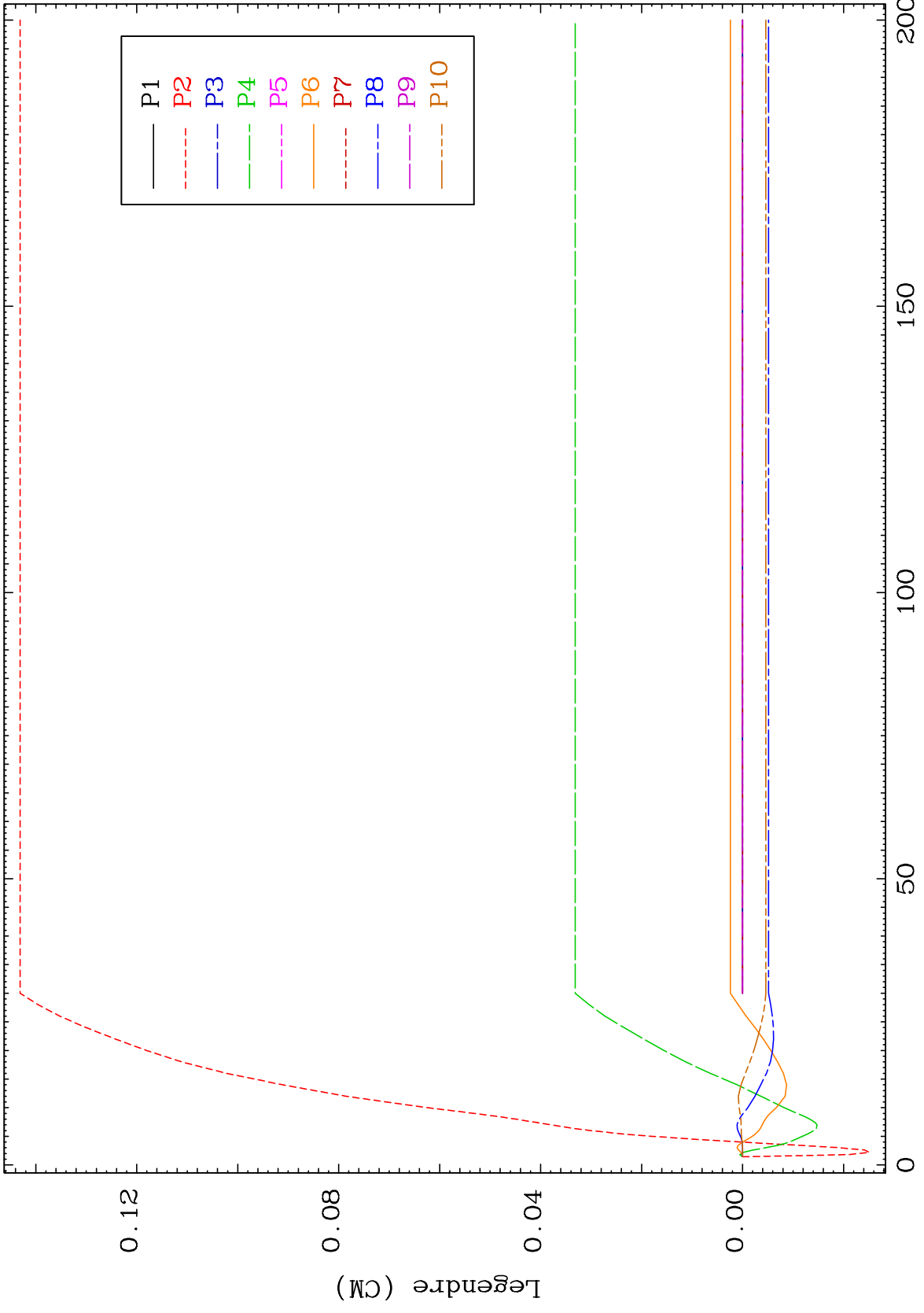


80-Hg-198

Incident Energy (MeV)

33

MAT 8031 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-198

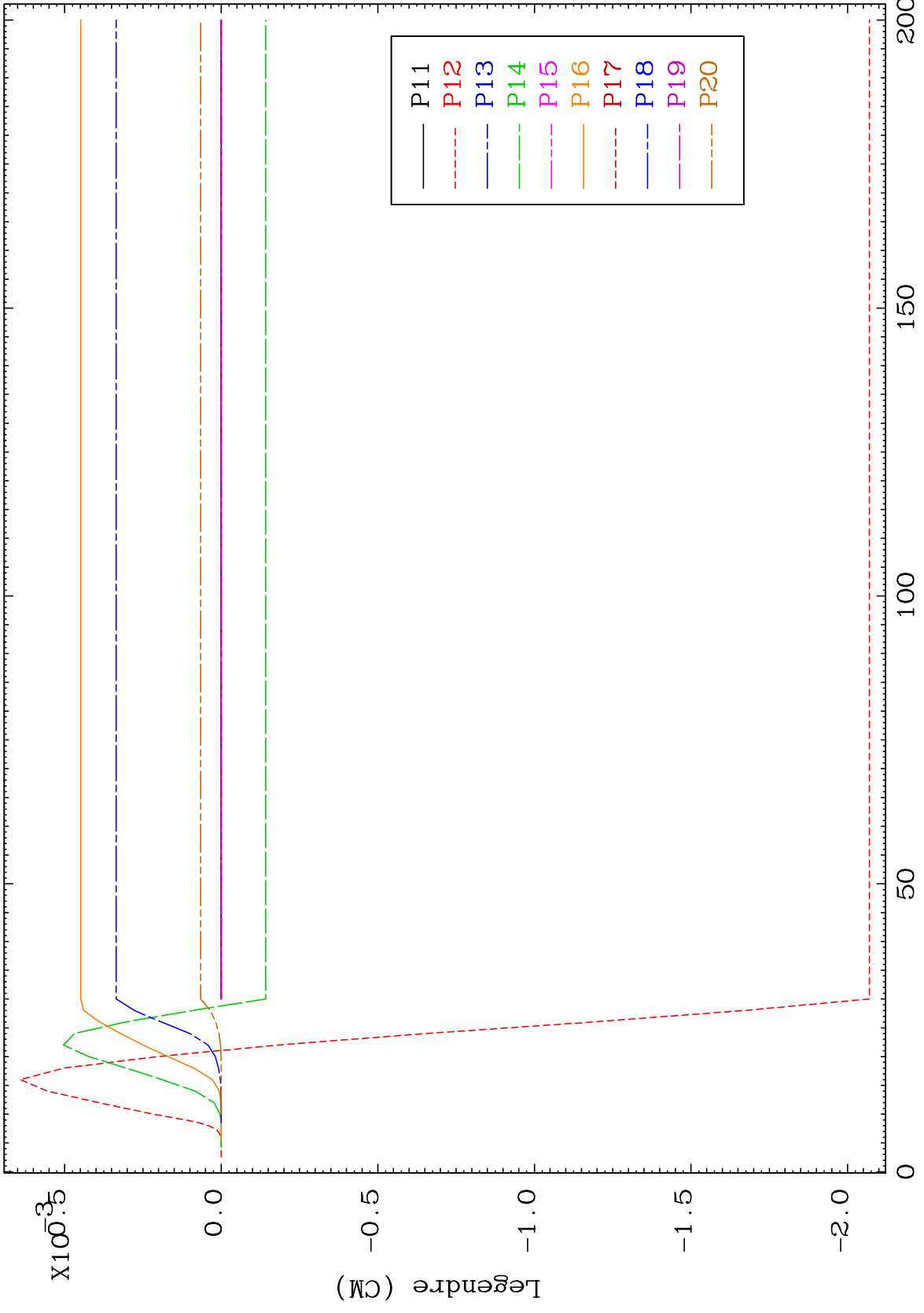


34 80-Hg-198

MAT 8031

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

80-Hg-198

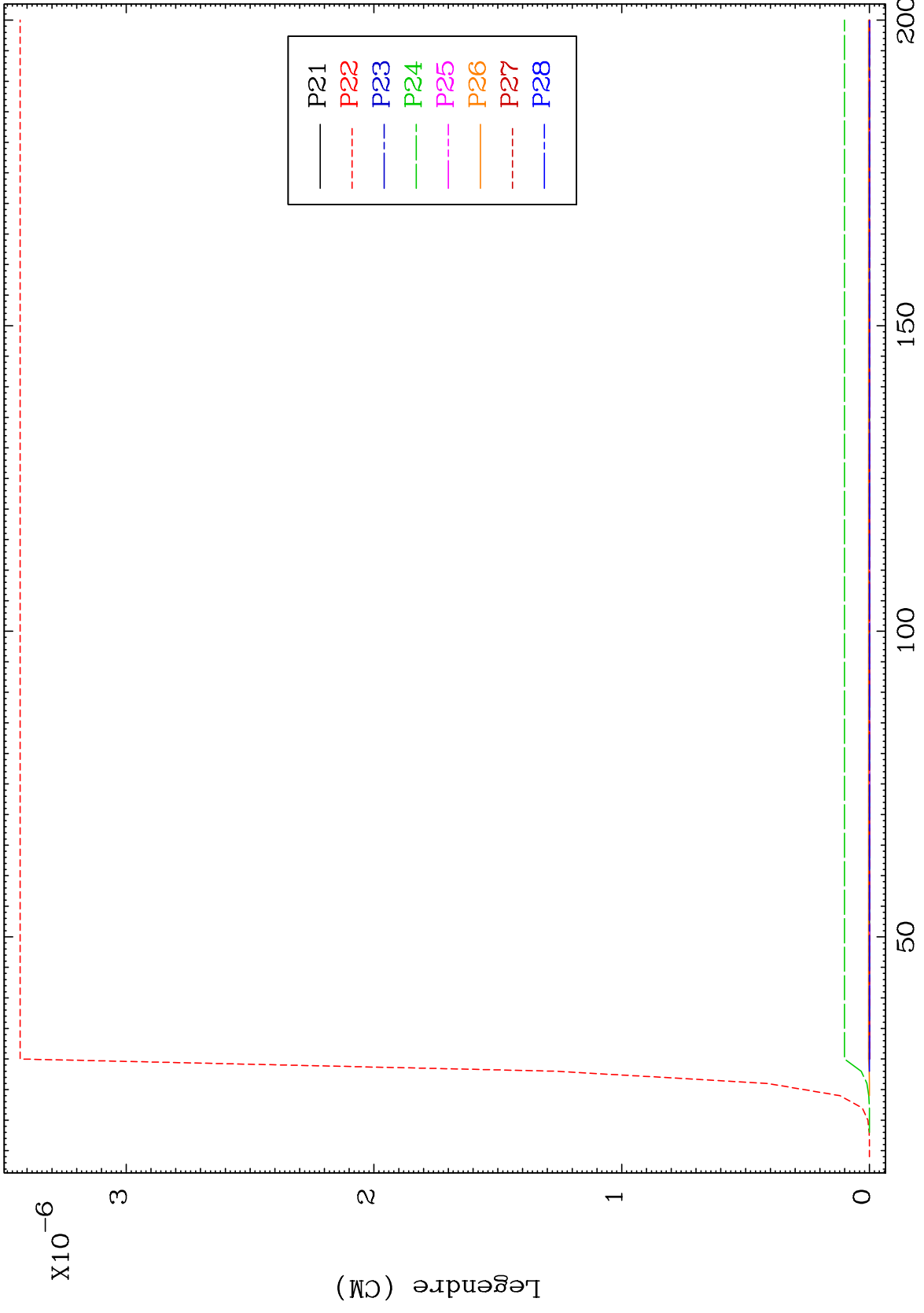


80-Hg-198

Incident Energy (MeV)

35

MAT 8031 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-198

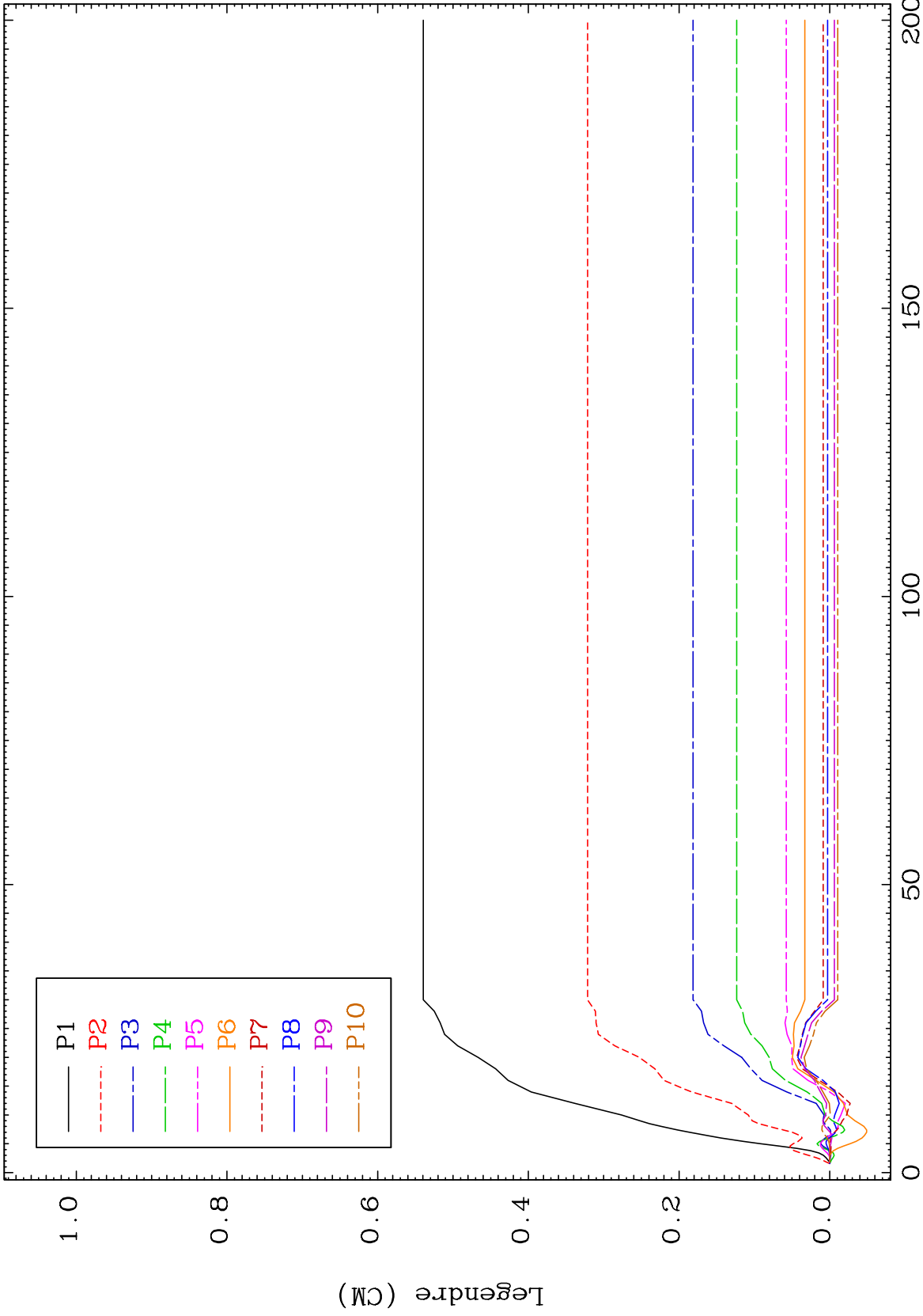


36 80-Hg-198

MAT 8031

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

80-Hg-198



37

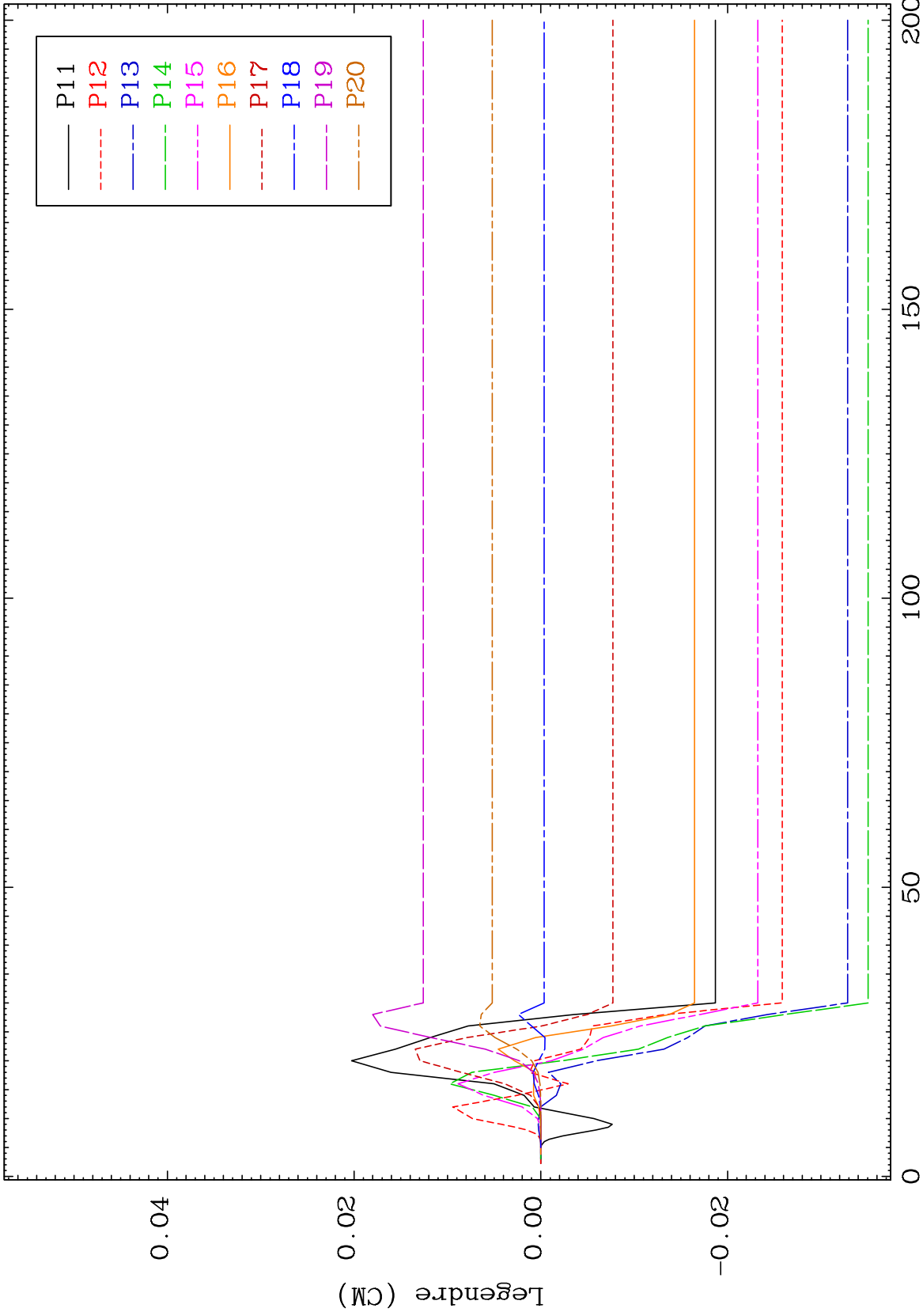
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



38

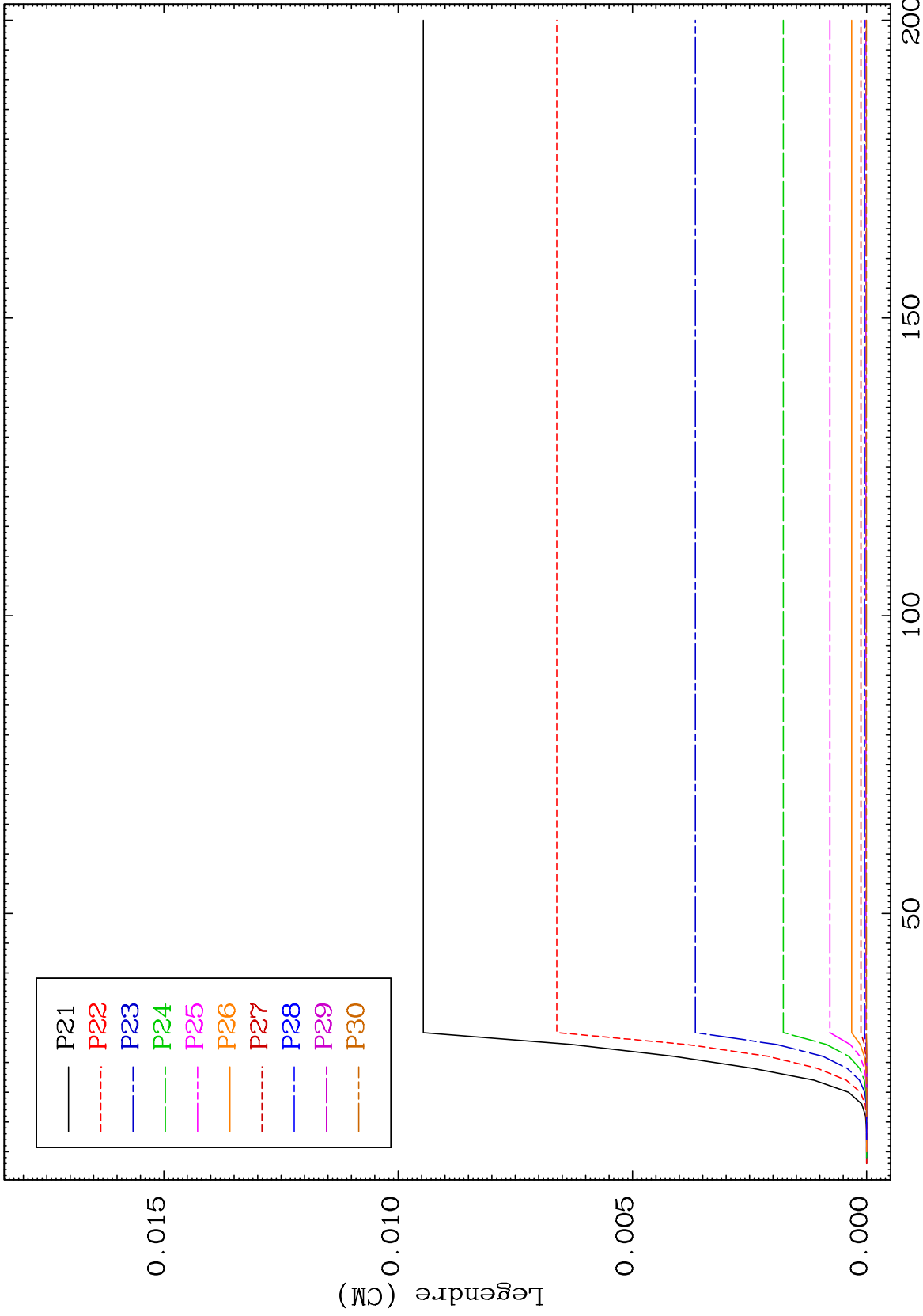
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

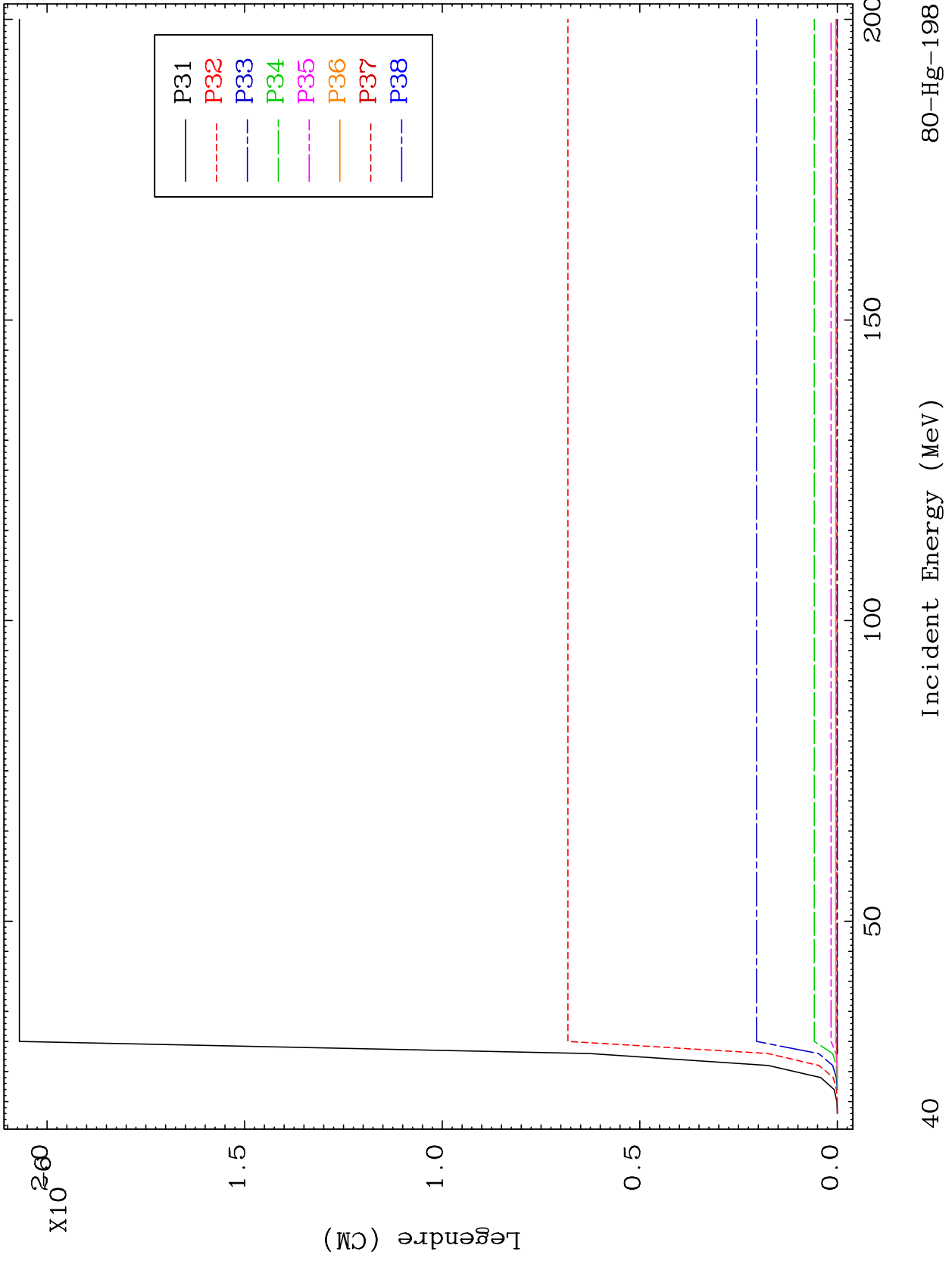


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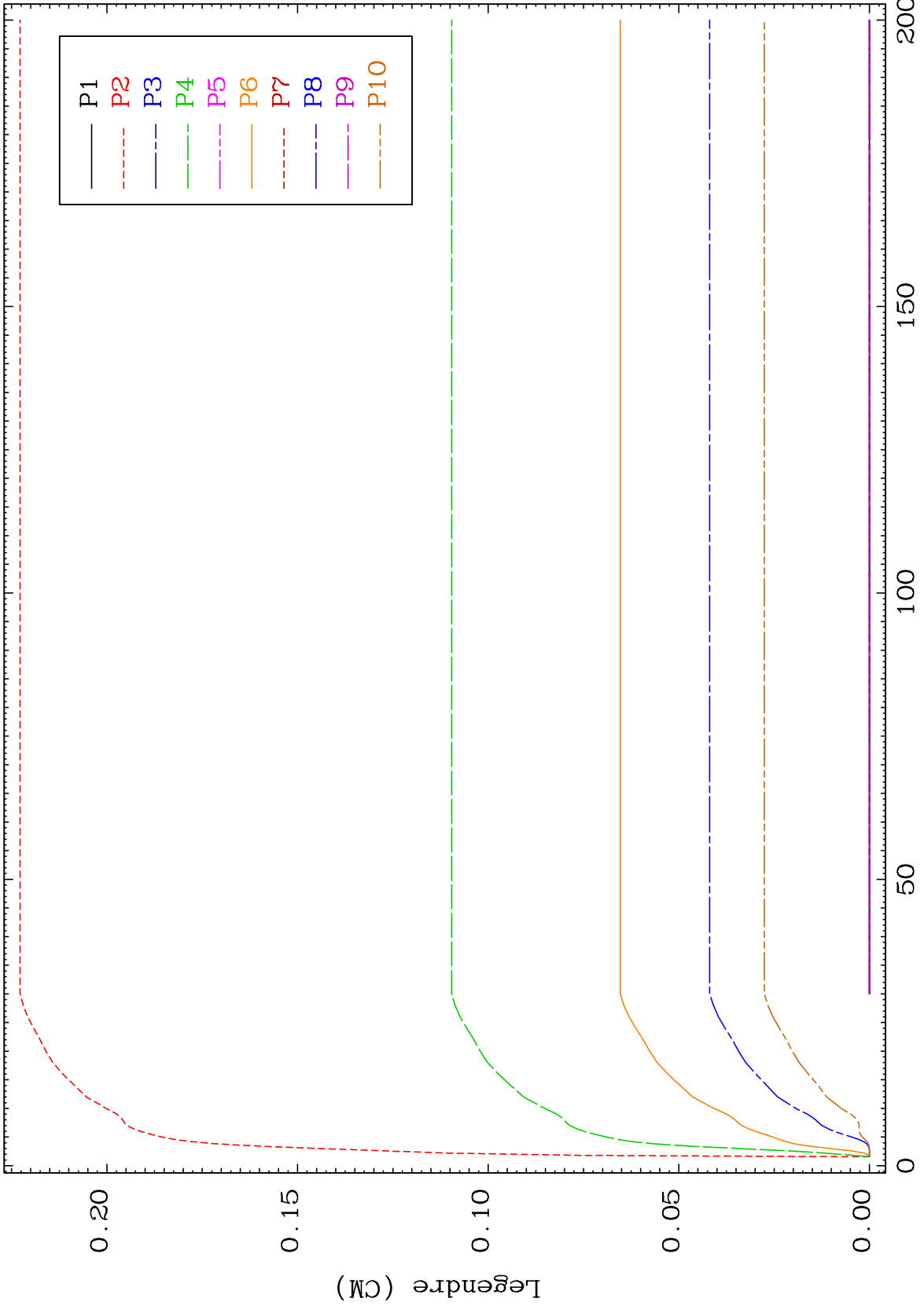
Incident Energy (MeV)

80-Hg-198

MAT 8031 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031 MT= 57 (n,n') Level Legendre Coefficients 80-Hg-198

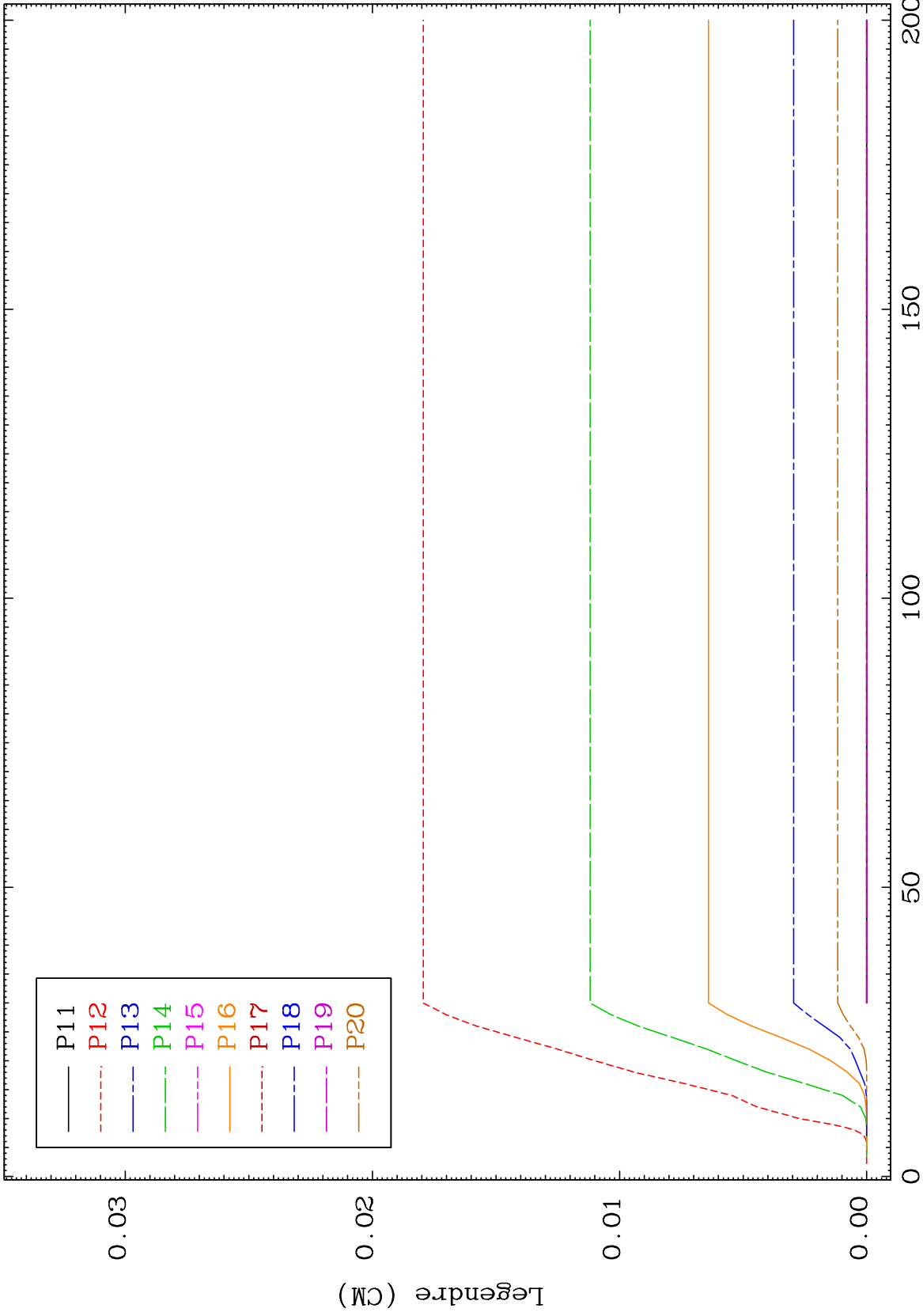


41 80-Hg-198

MAT 8031

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

80-Hg-198

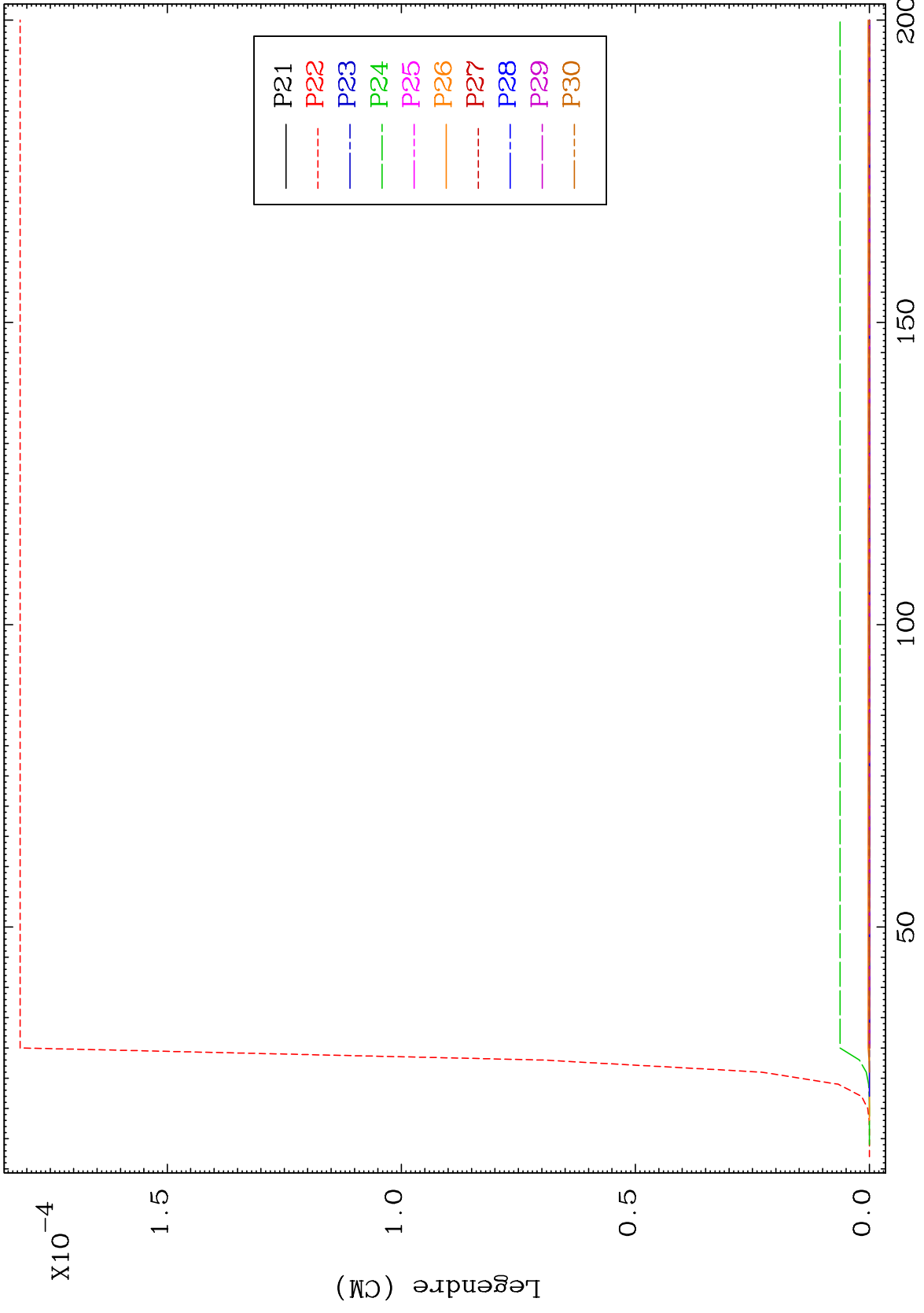


42

Incident Energy (MeV)

80-Hg-198

MAT 8031 MT= 57 (n,n') Level Legendre Coefficients 80-Hg-198

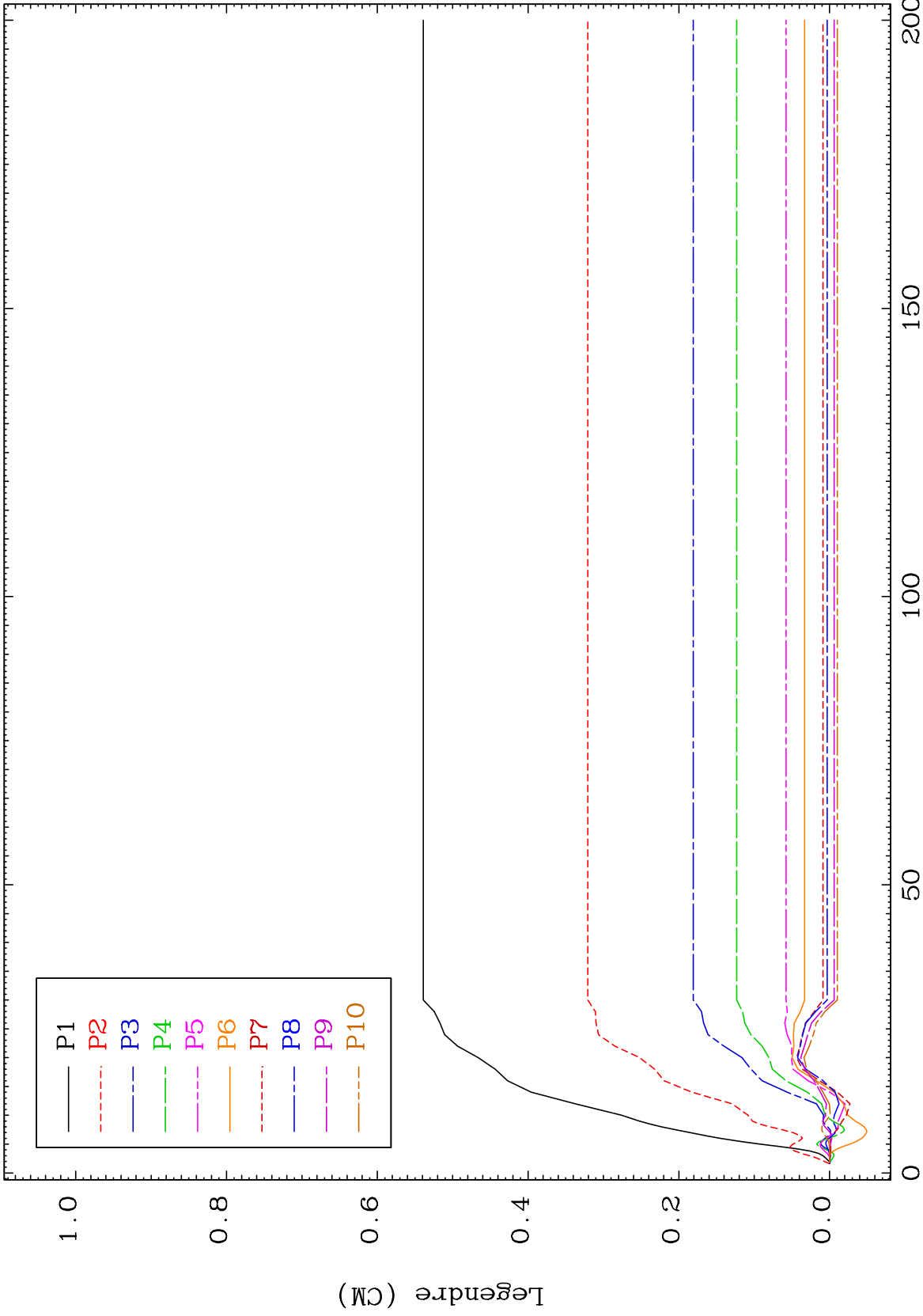


43 80-Hg-198

MAT 8031

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

80-Hg-198



44

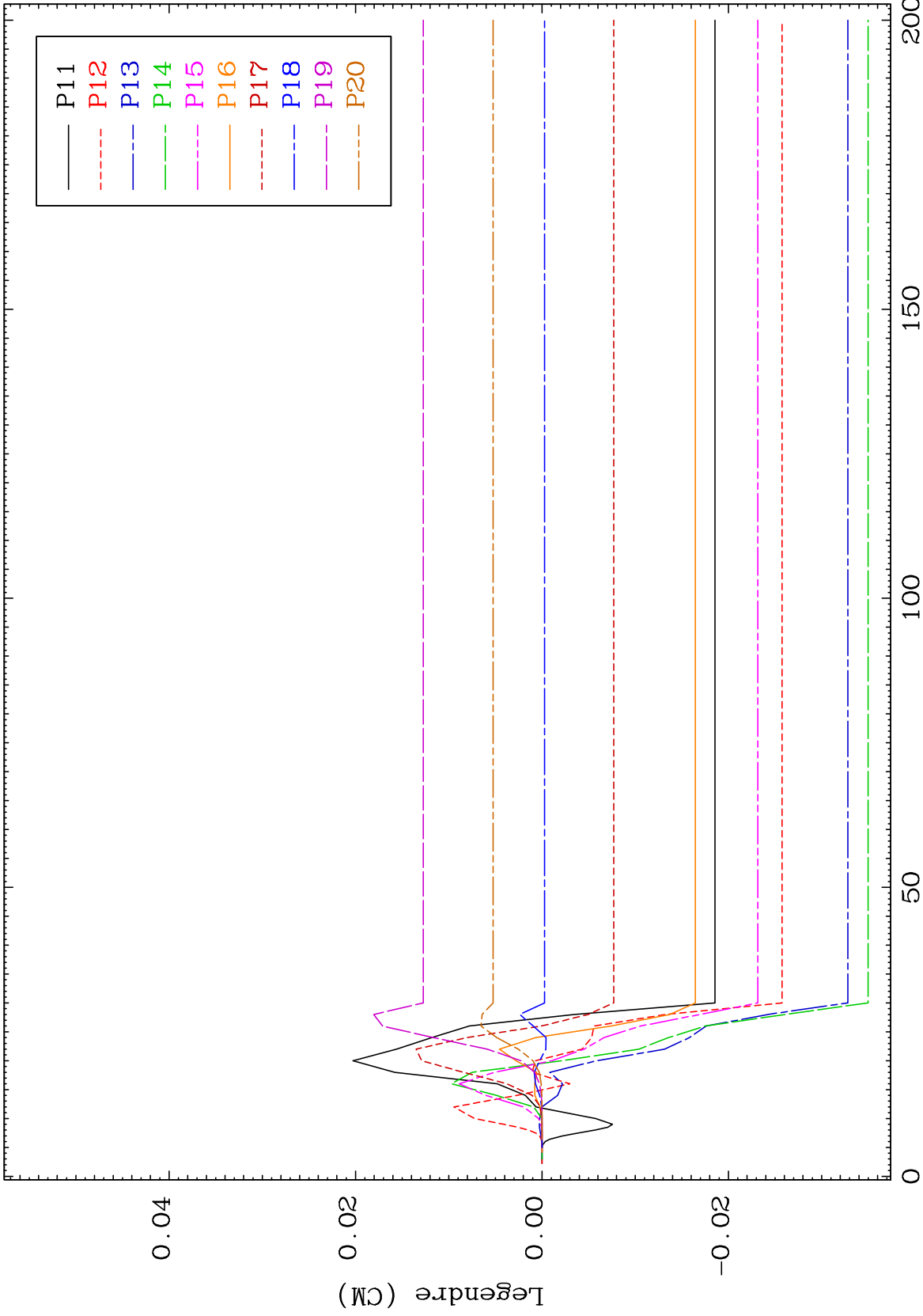
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



45

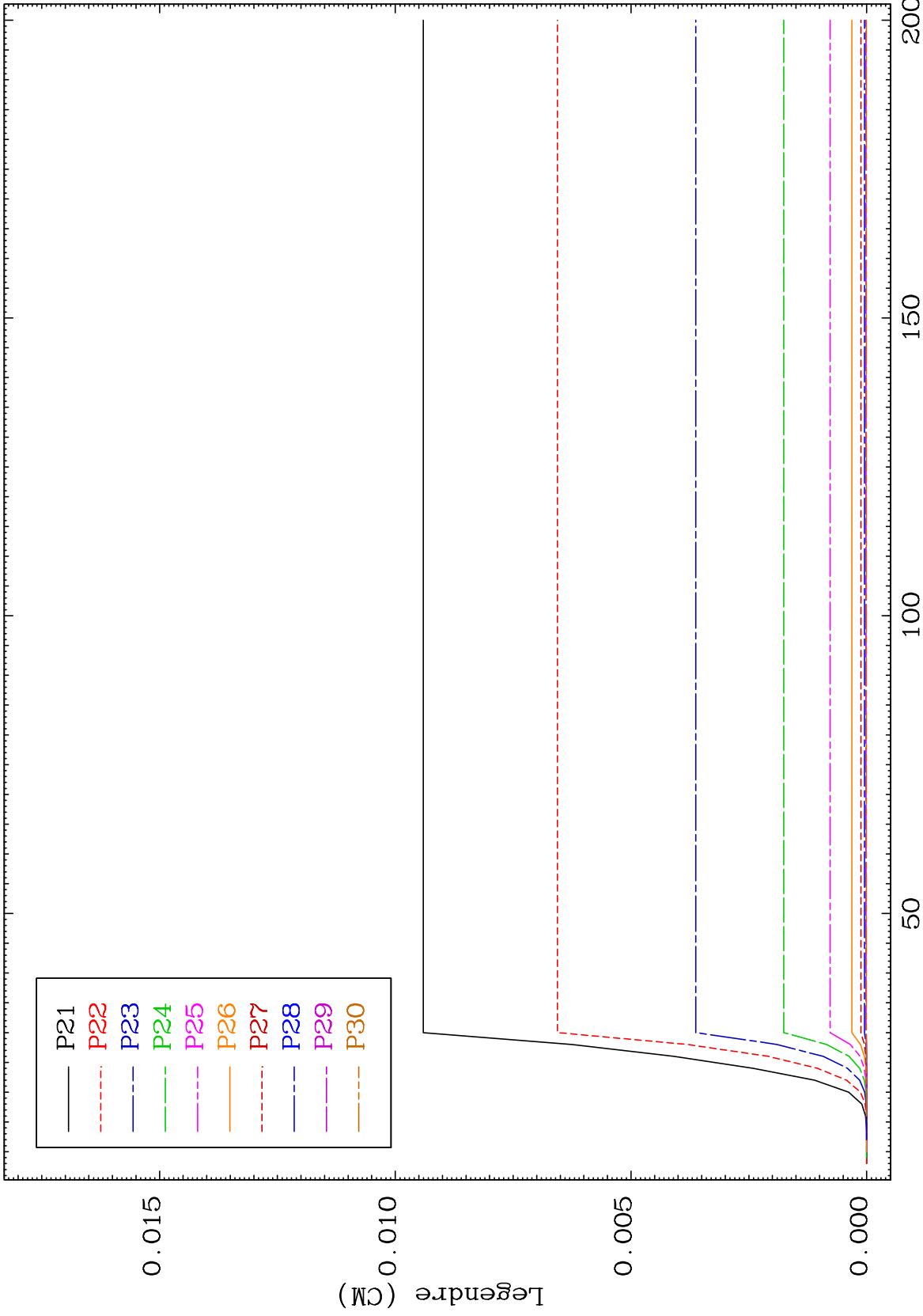
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



46

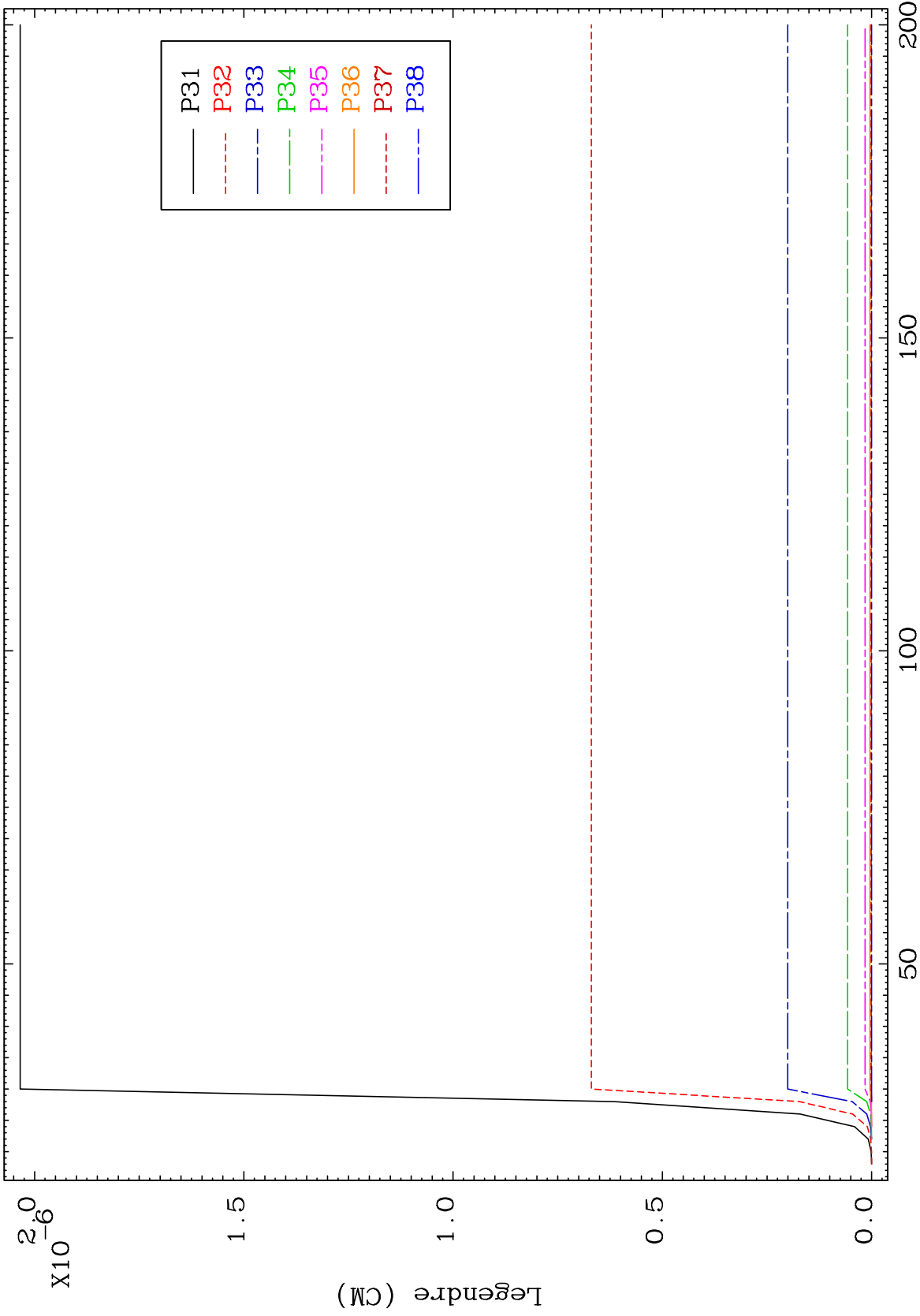
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



47

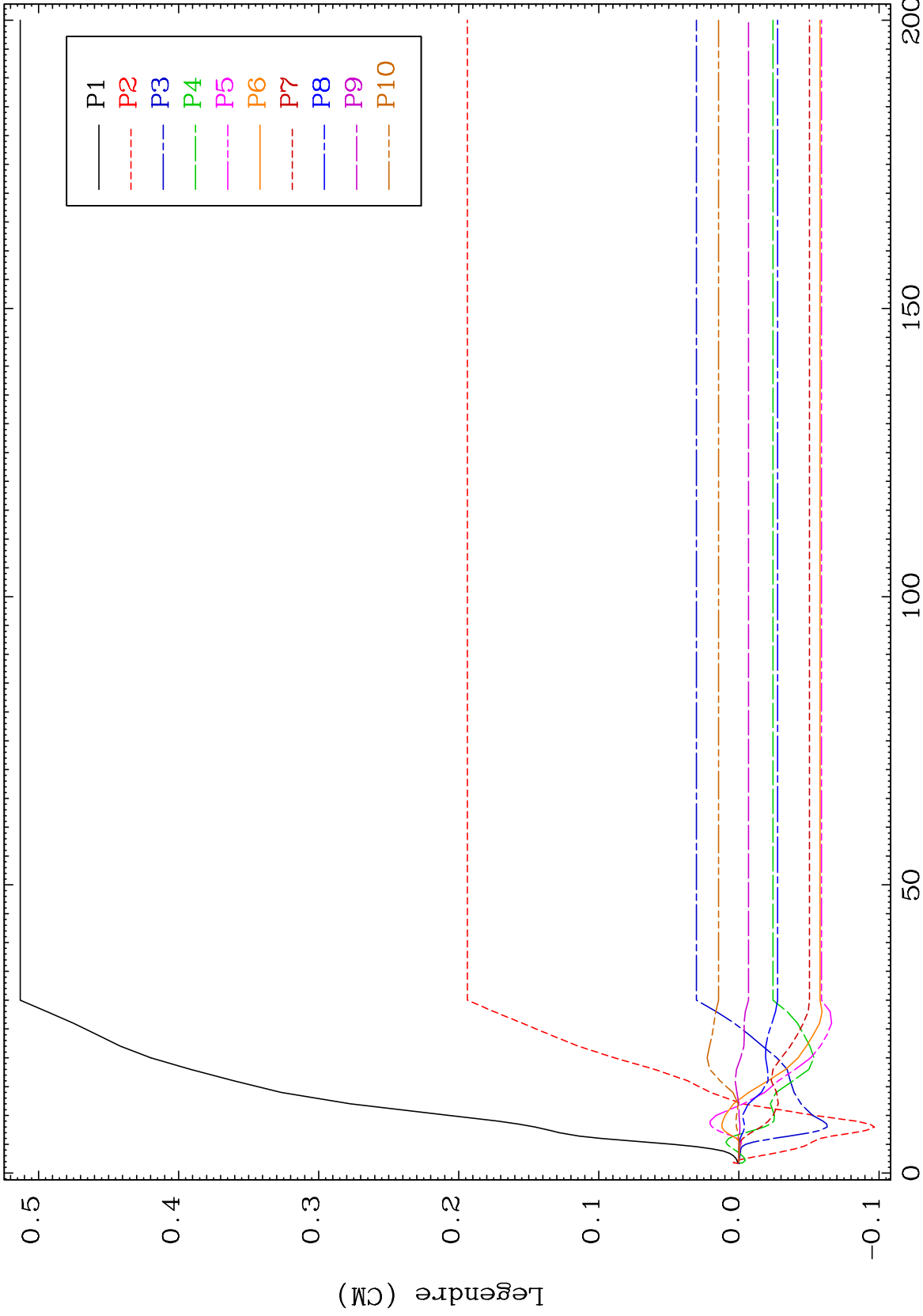
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

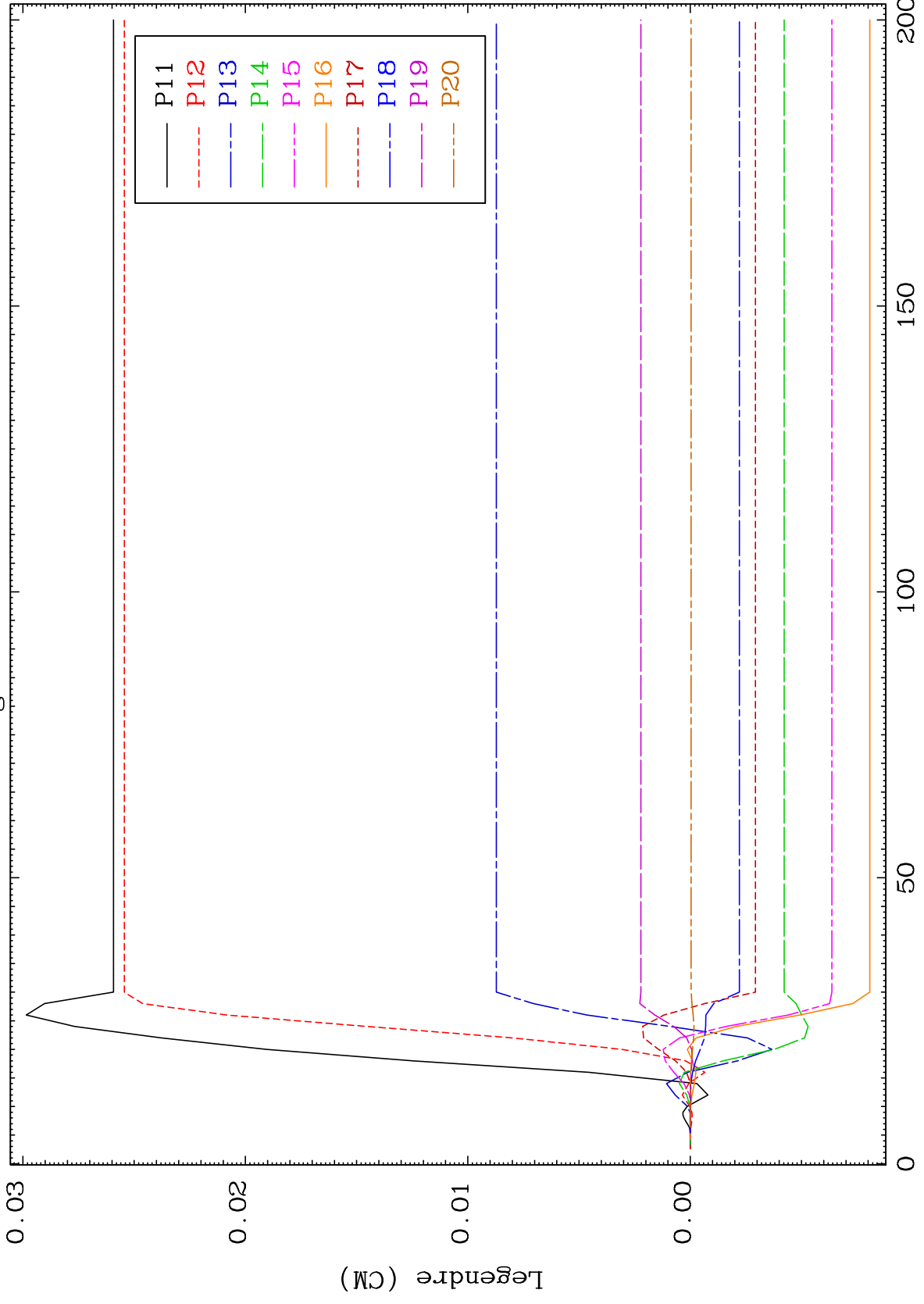


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Incident Energy (MeV)

80-Hg-198

MAT 8031 MT= 59 (n,n') Level Legendre Coefficients 80-Hg-198

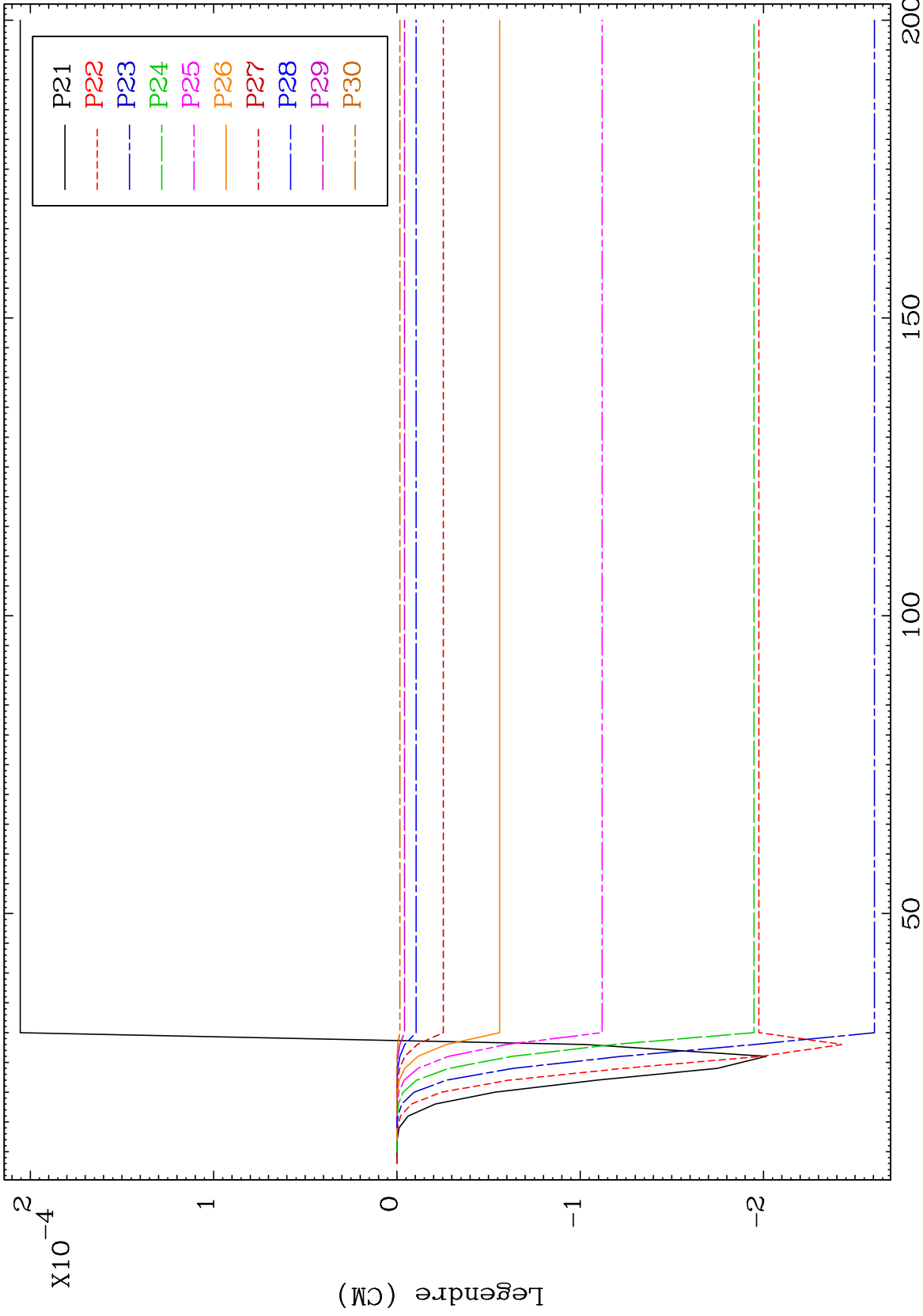


49 80-Hg-198

MAT 8031

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

80-Hg-198



50

Incident Energy (MeV)

50

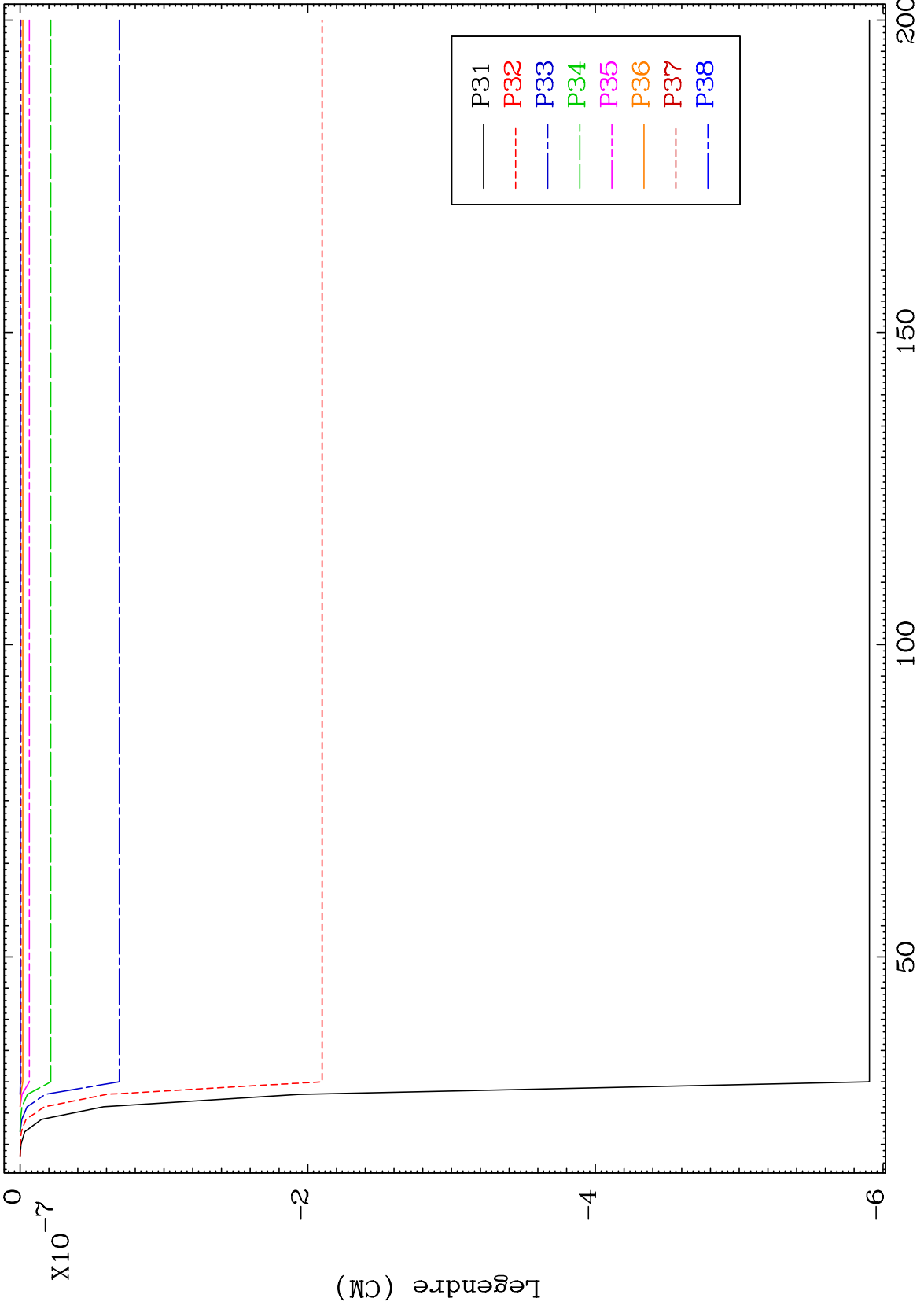
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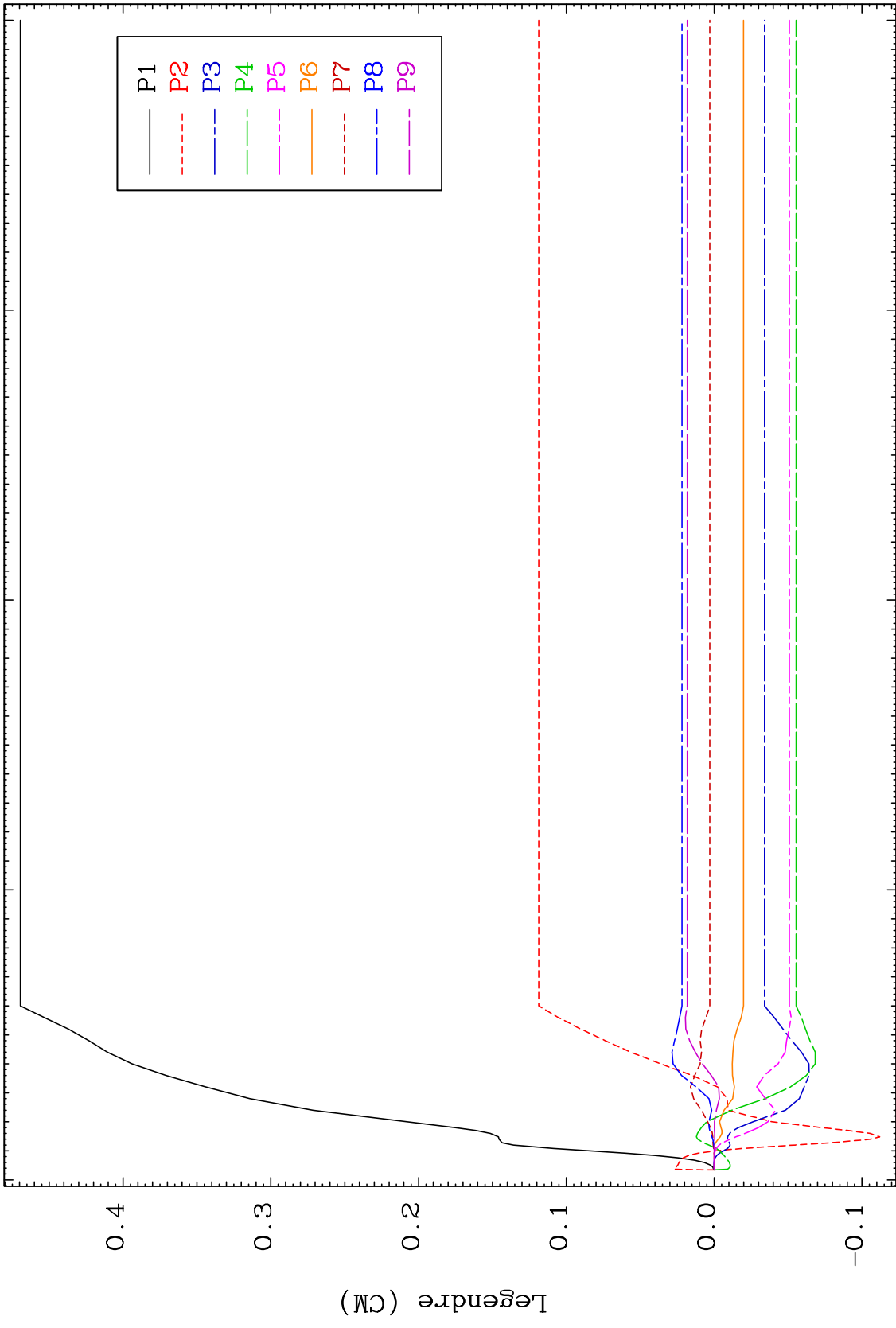
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80-Hg-198

MAT 8031 MT= 59 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031 MT= 60 (n,n') Level Legendre Coefficients 80-Hg-198

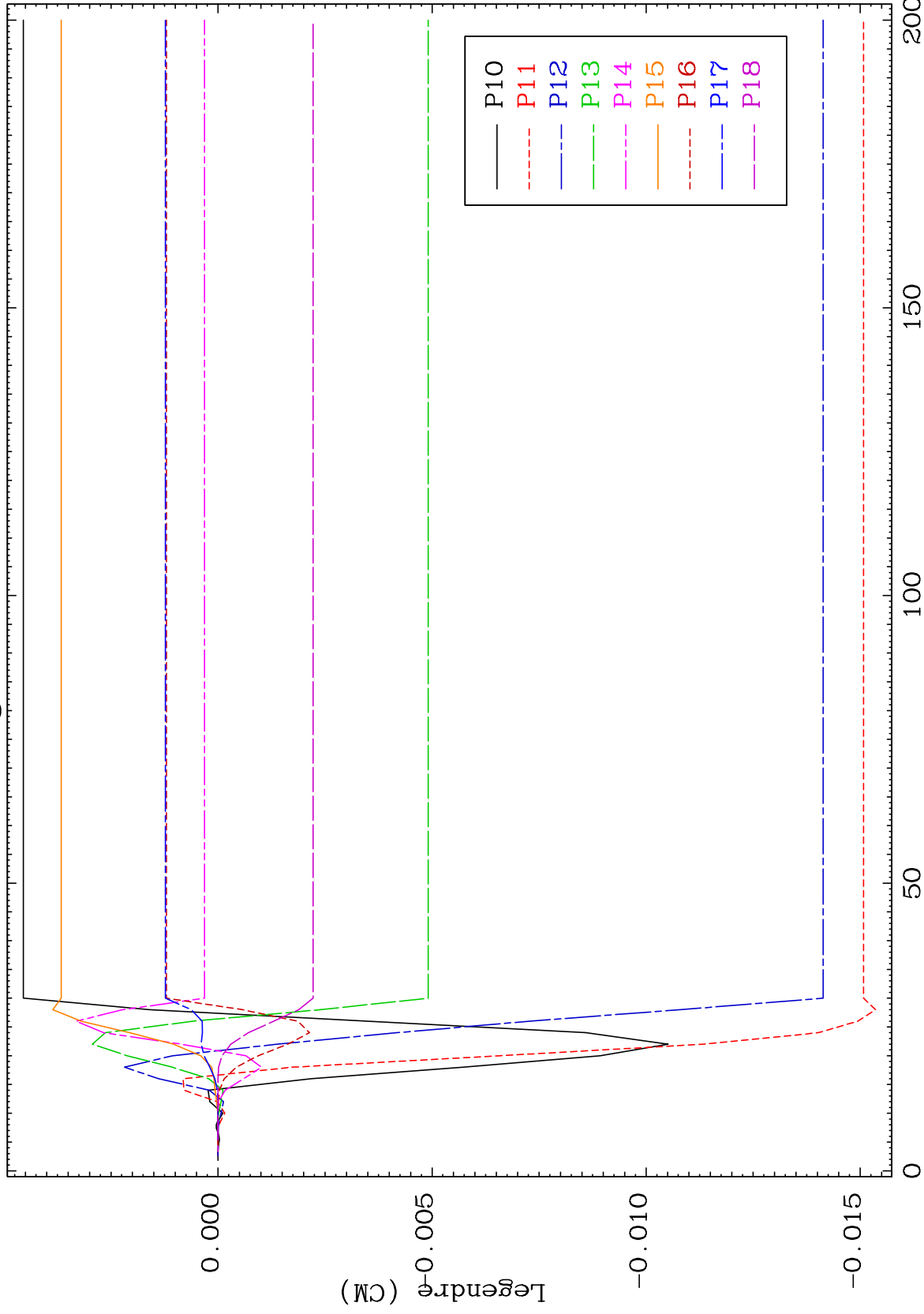


52 80-Hg-198

MAT 8031

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

80-Hg-198



53

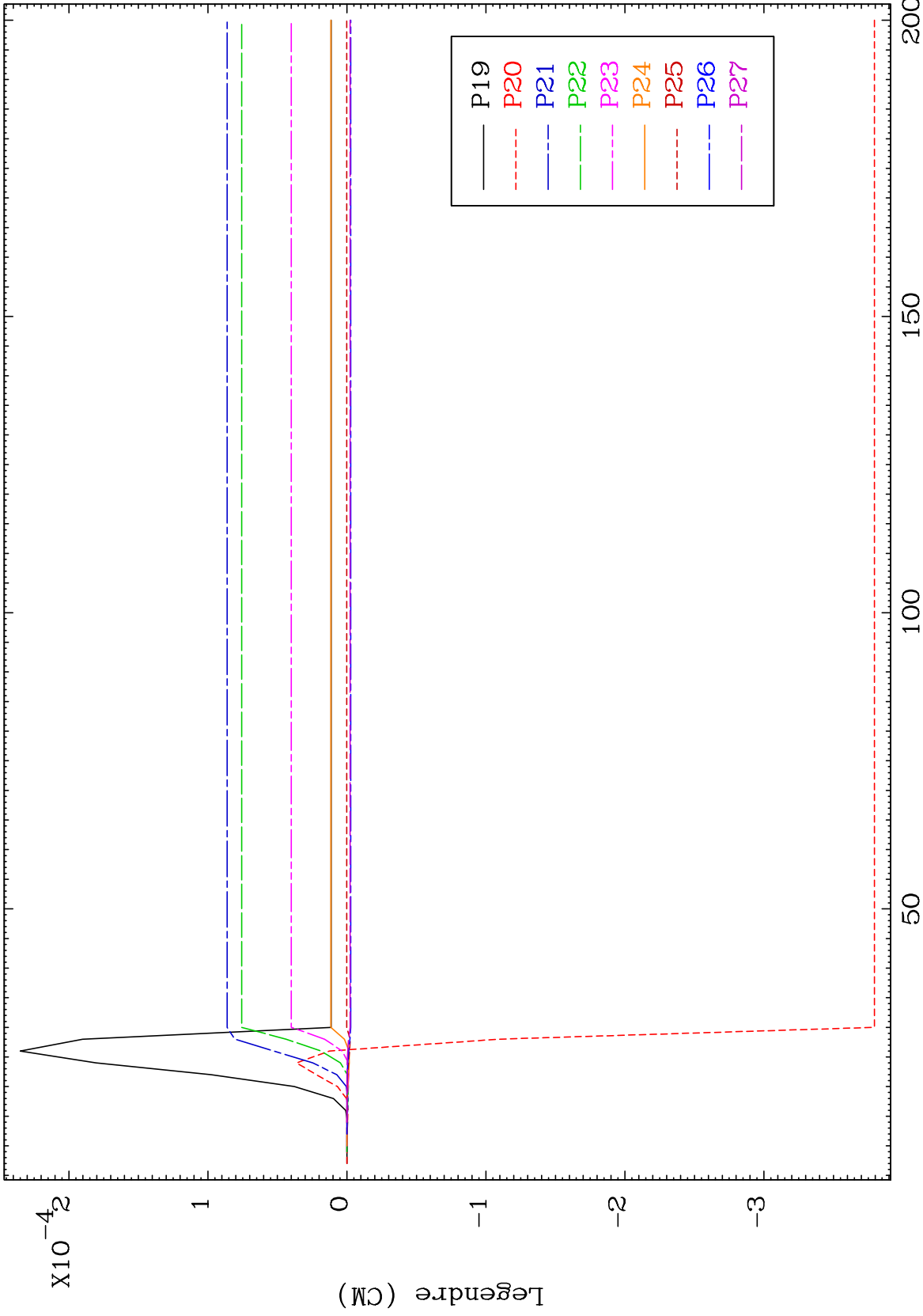
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



54

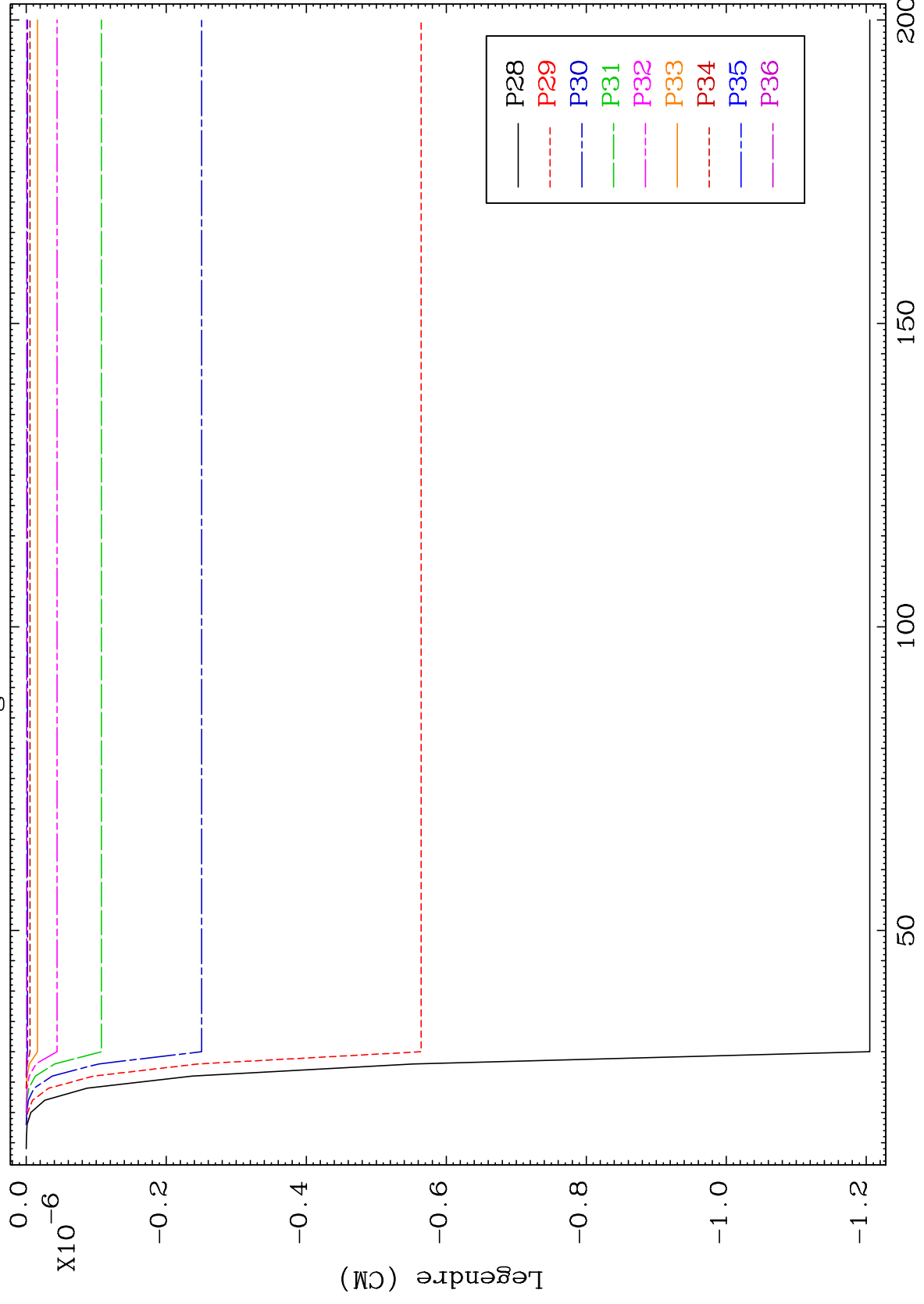
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

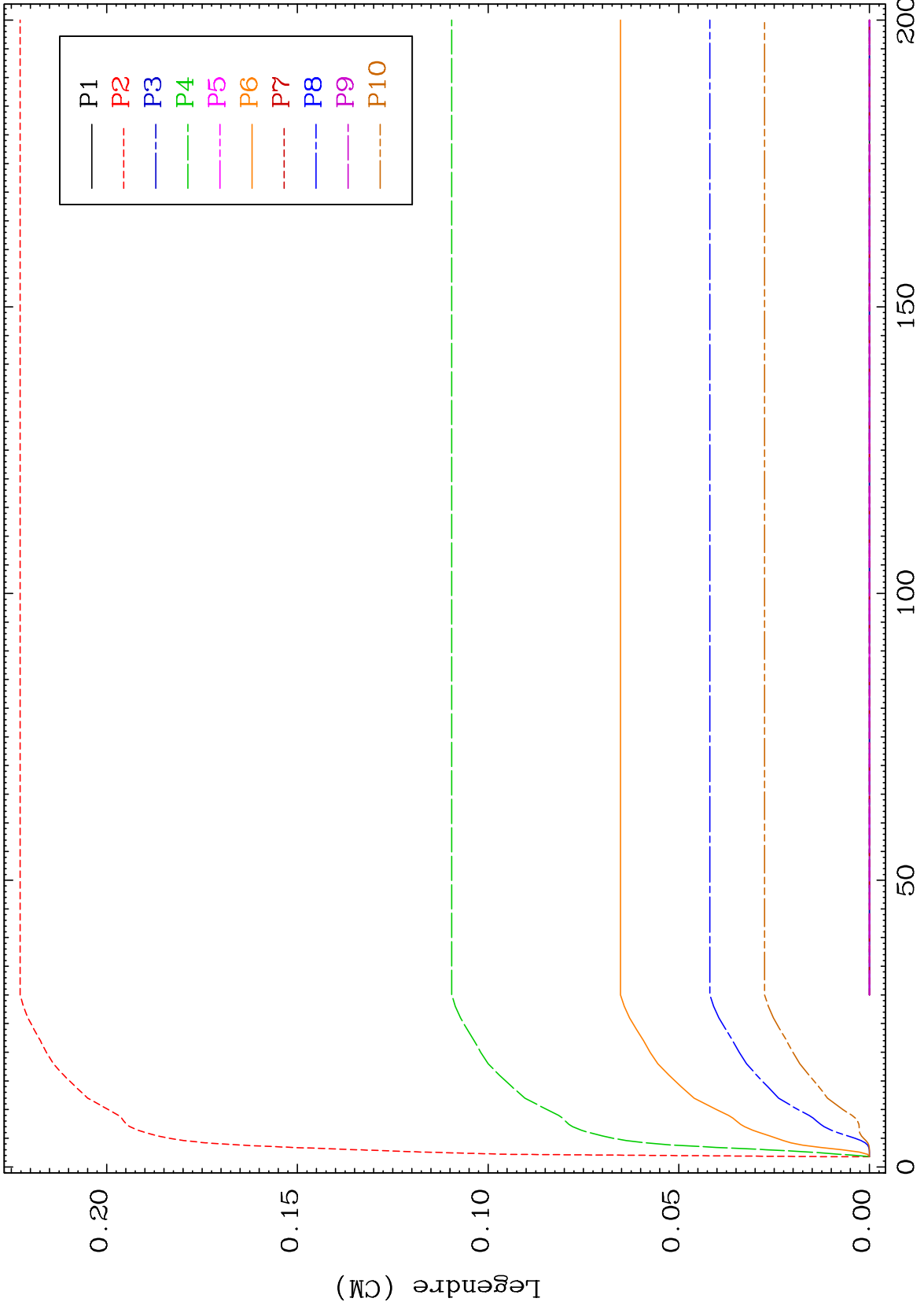


80-Hg-198

Incident Energy (MeV)

55

MAT 8031 MT= 61 (n,n') Level Legendre Coefficients 80-Hg-198

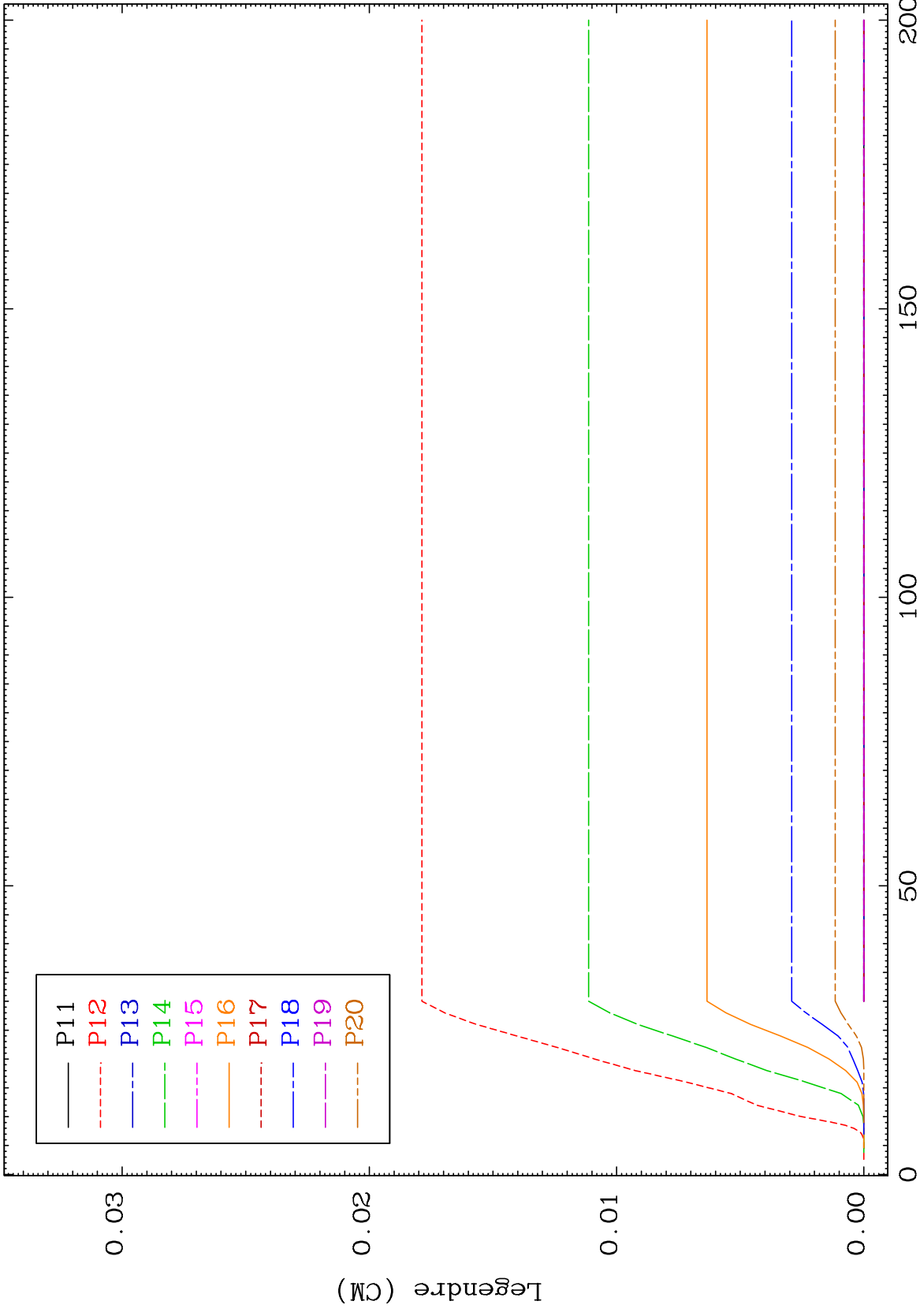


80-Hg-198

MAT 8031

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

80-Hg-198

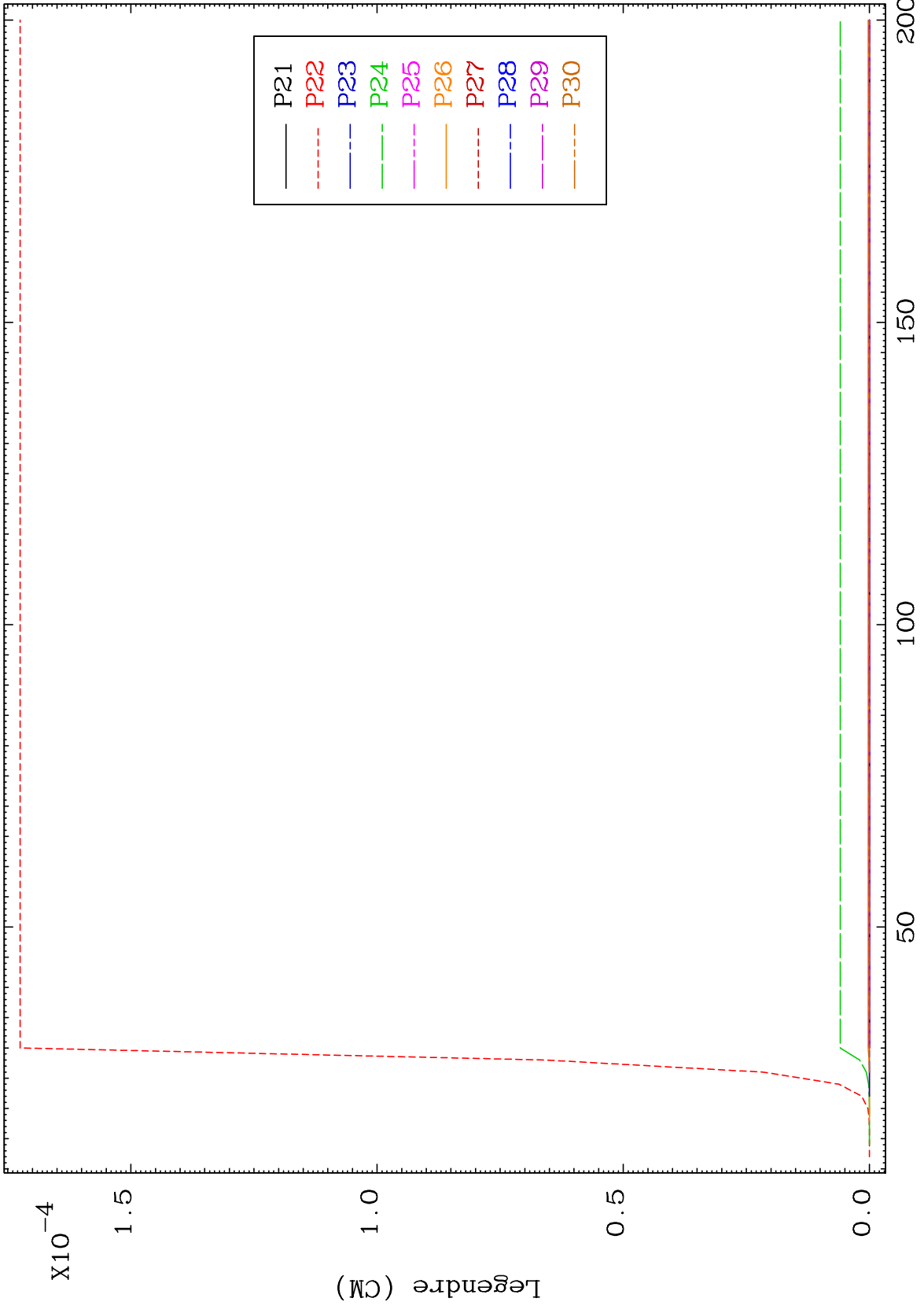


57

Incident Energy (MeV)

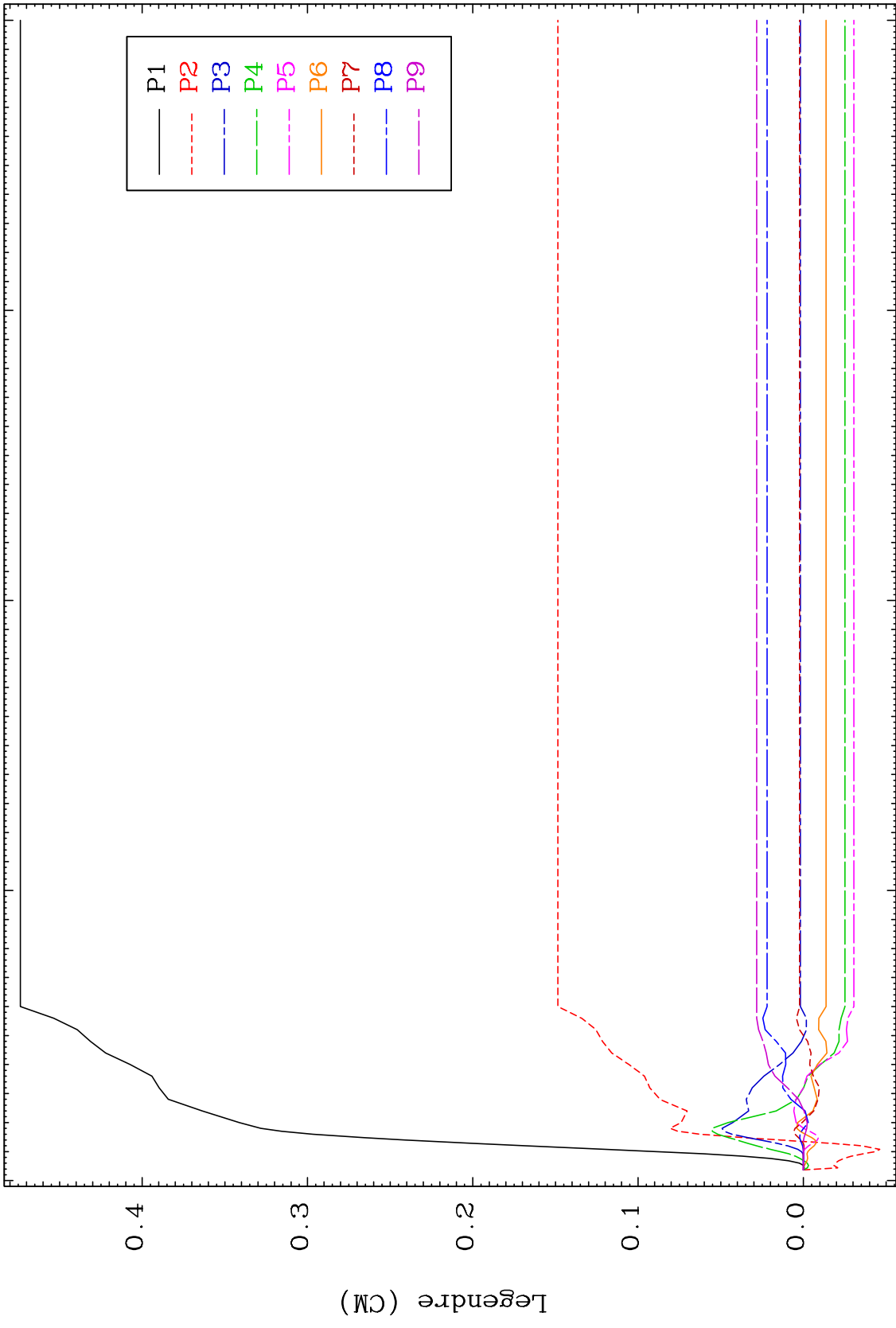
80-Hg-198

MAT 8031 MT= 61 (n,n') Level Legendre Coefficients 80-Hg-198



58 80-Hg-198

MAT 8031 MT= 62 (n,n') Level Legendre Coefficients 80-Hg-198

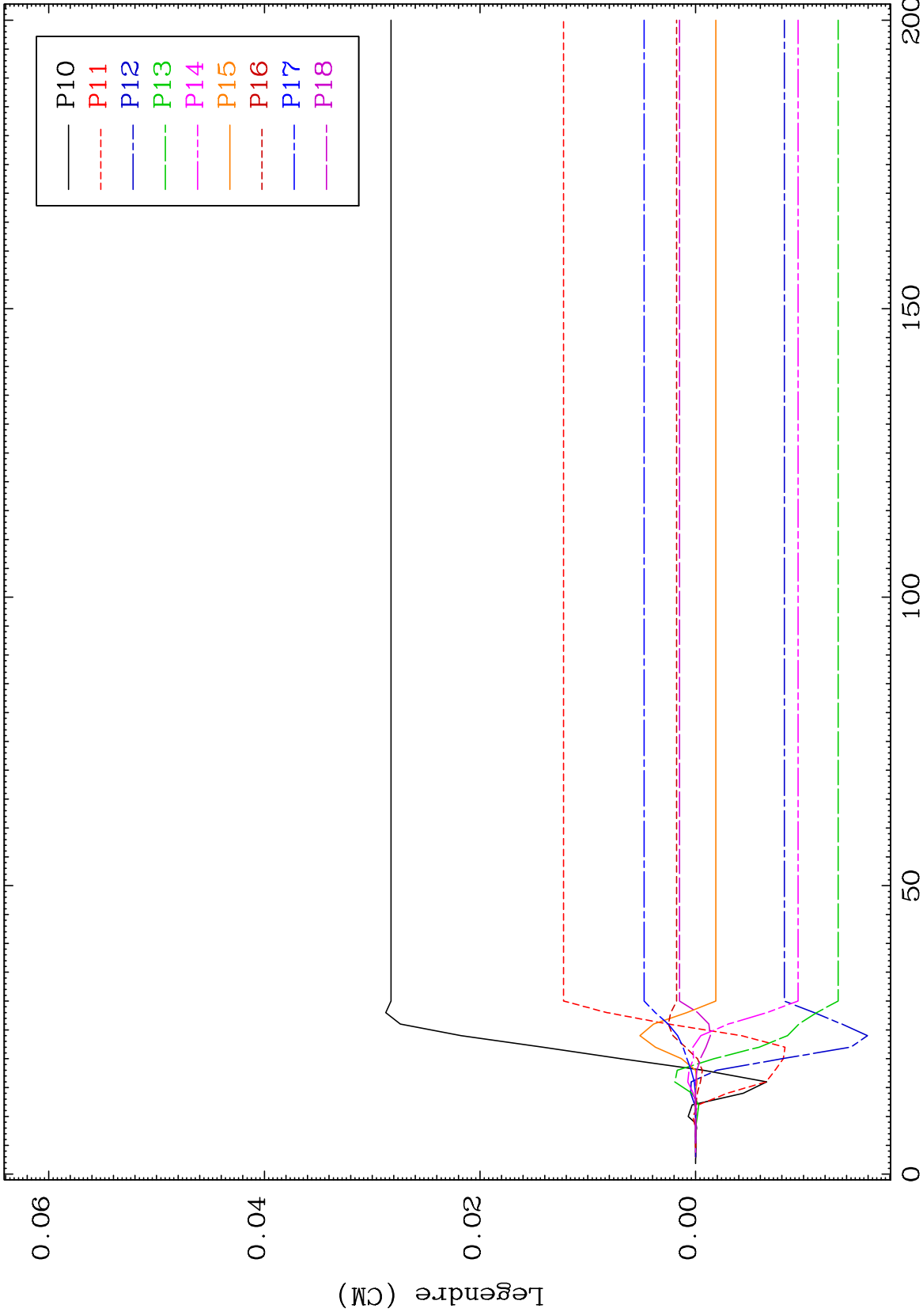


59 80-Hg-198

MAT 8031

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

80-Hg-198



0

50

100

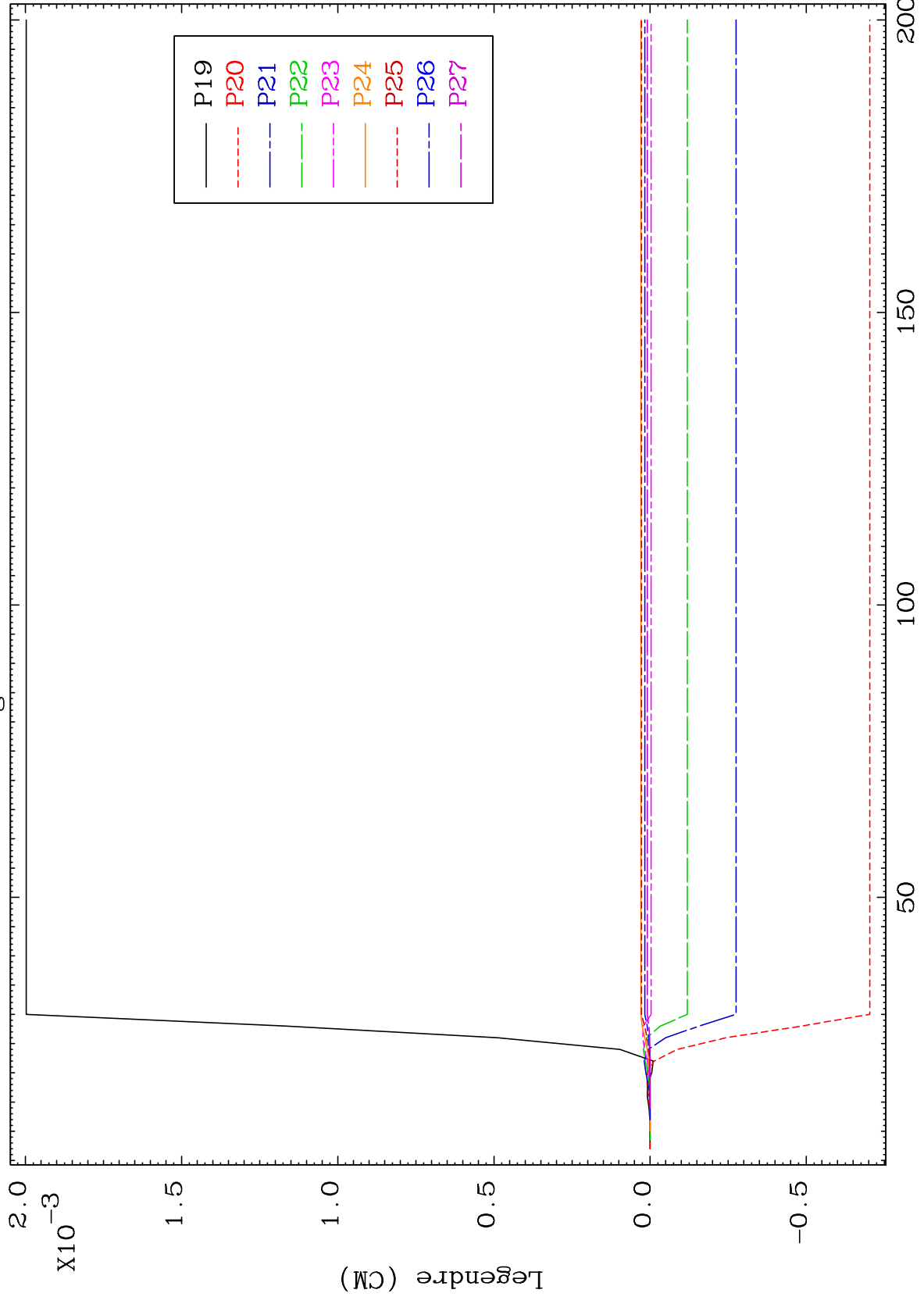
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200

Incident Energy (MeV)

80-Hg-198

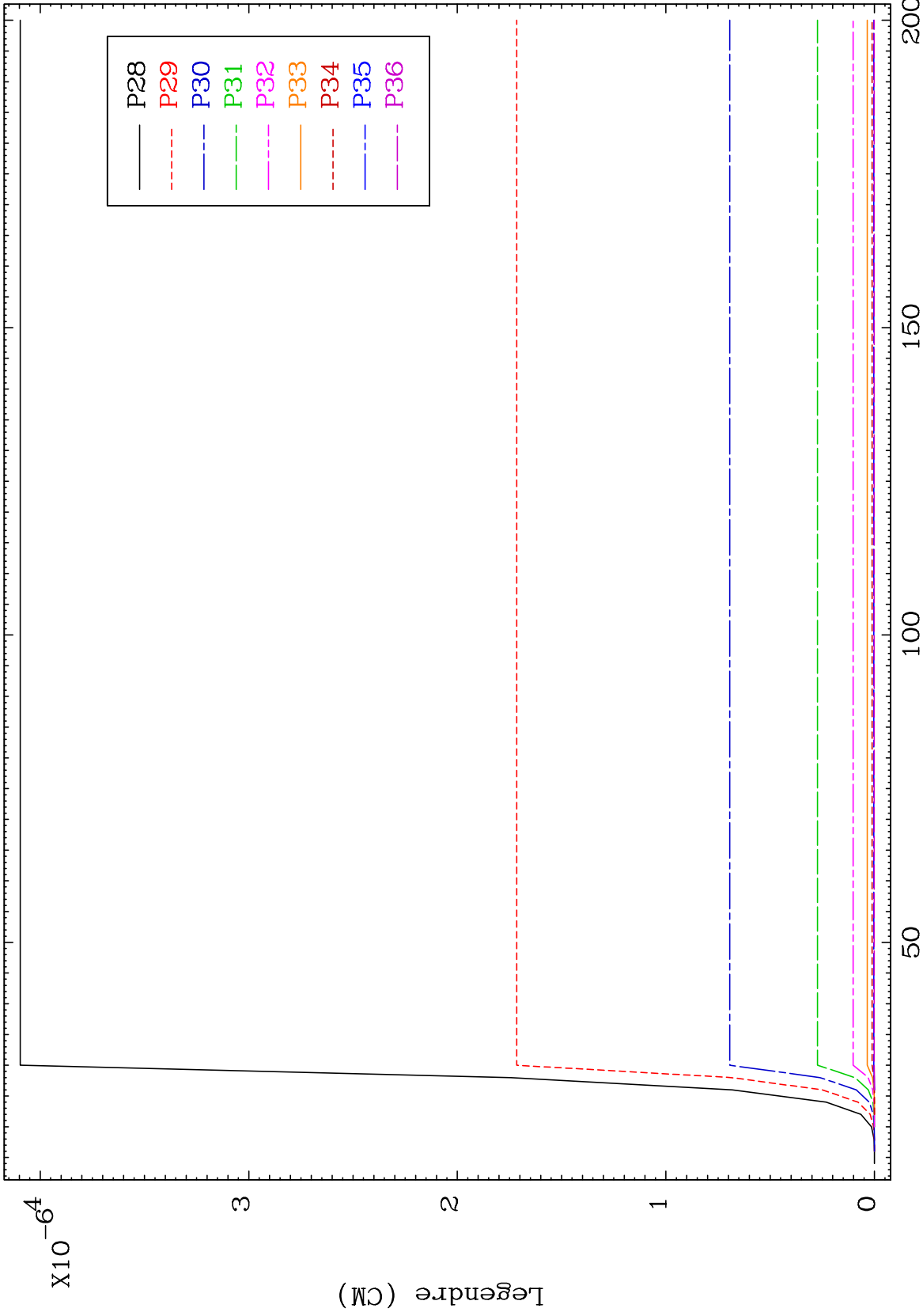
MAT 8031 MT= 62 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031

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

80-Hg-198



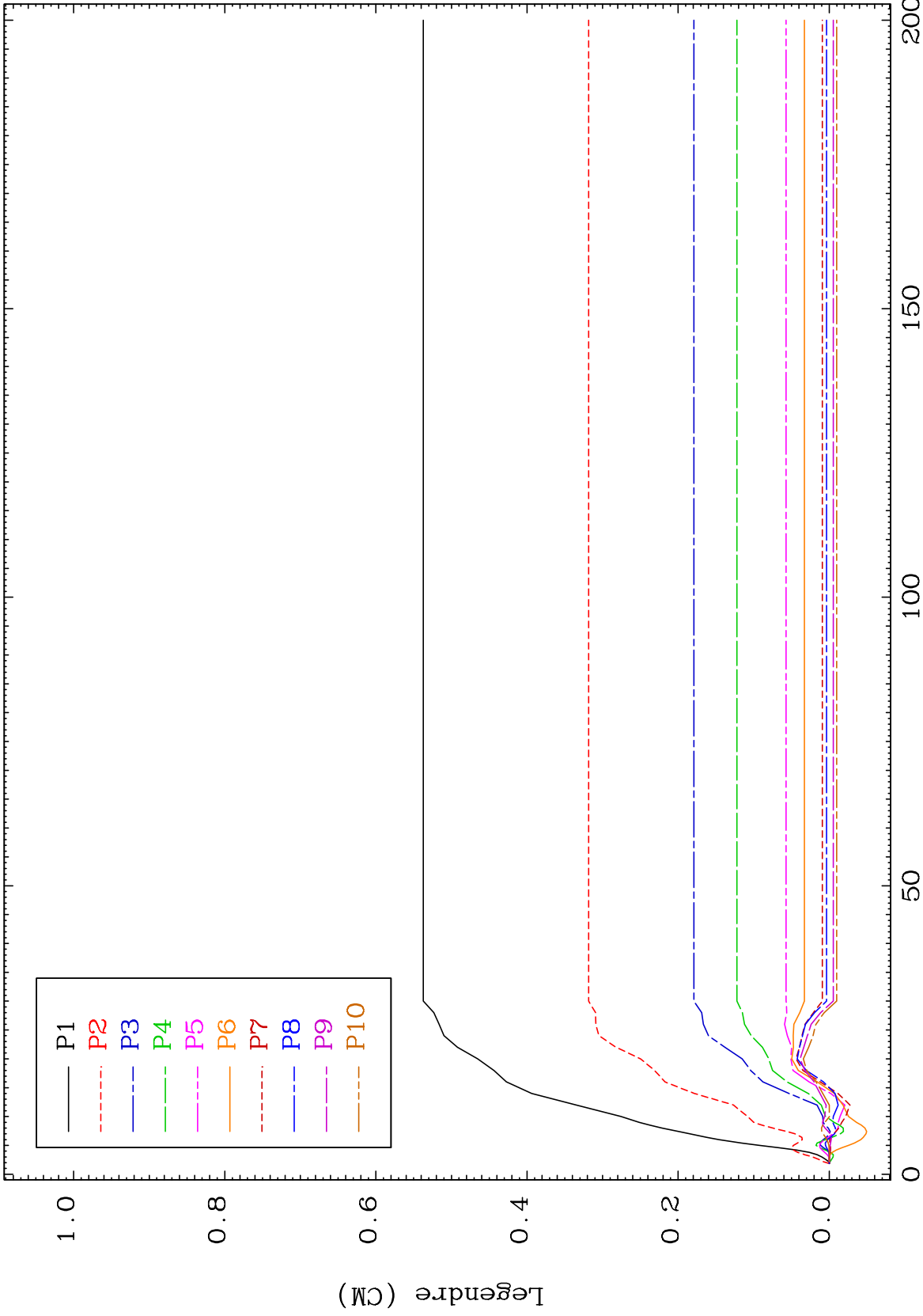
62

80-Hg-198

MAT 8031

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

80-Hg-198



63

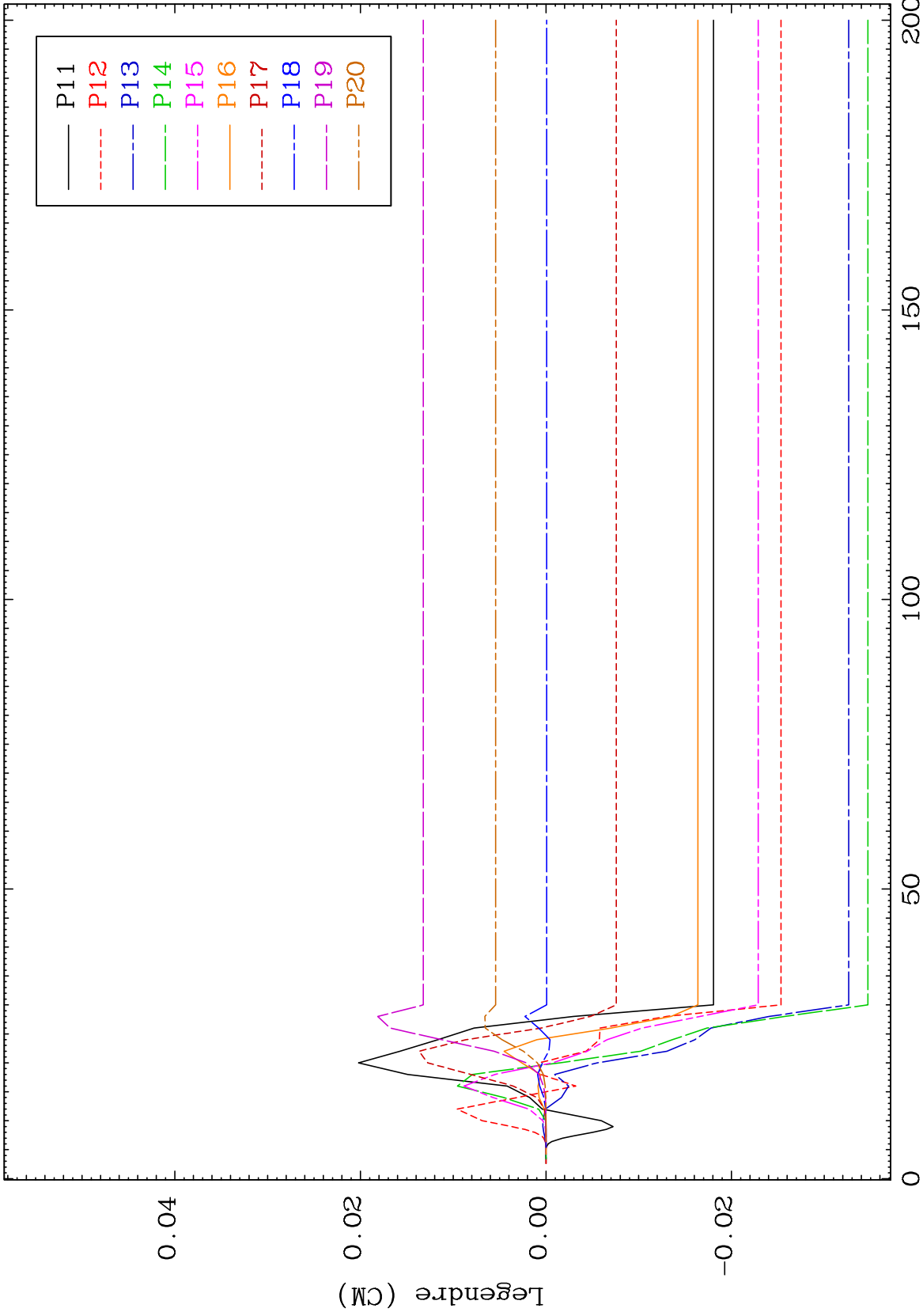
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



64

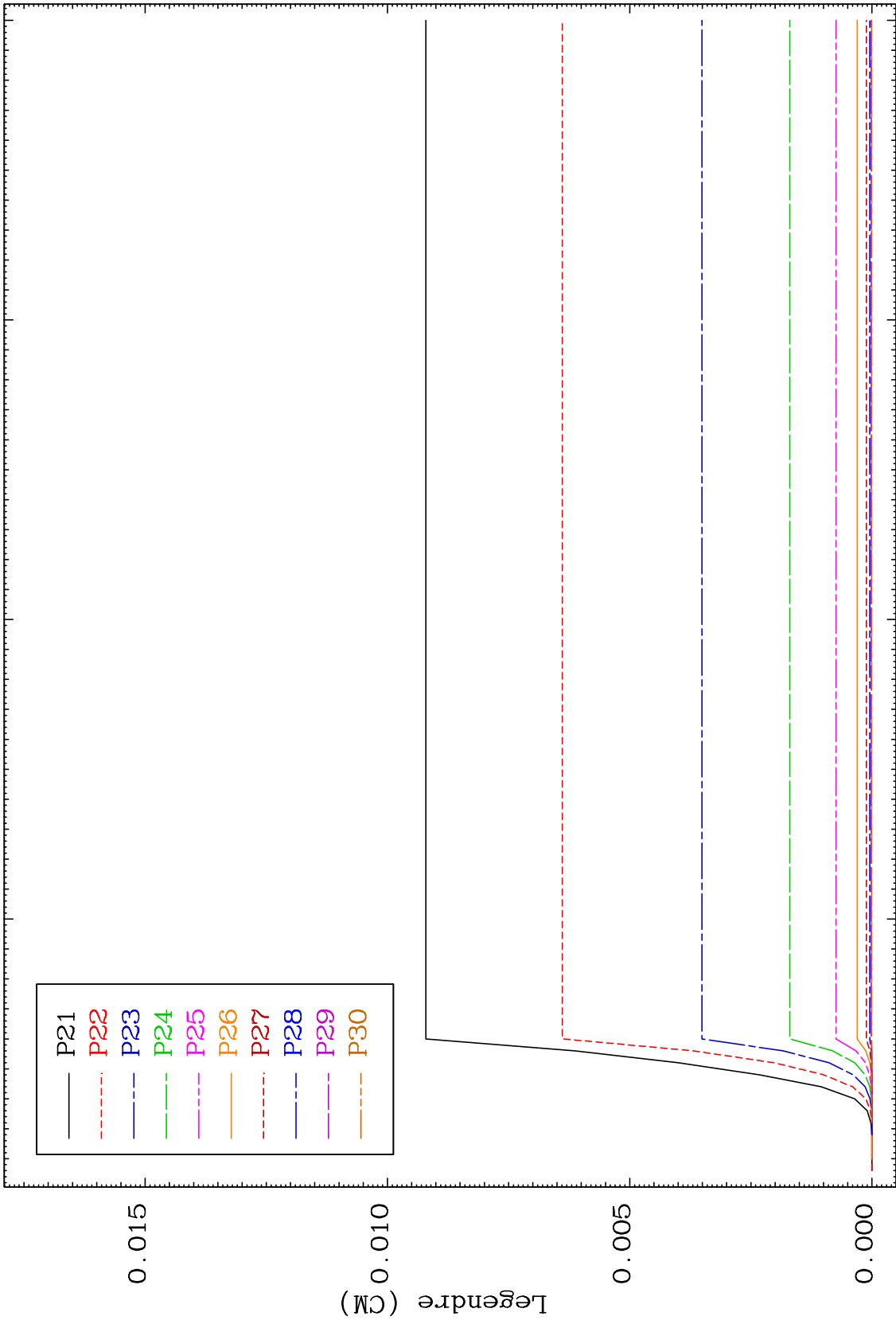
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



65

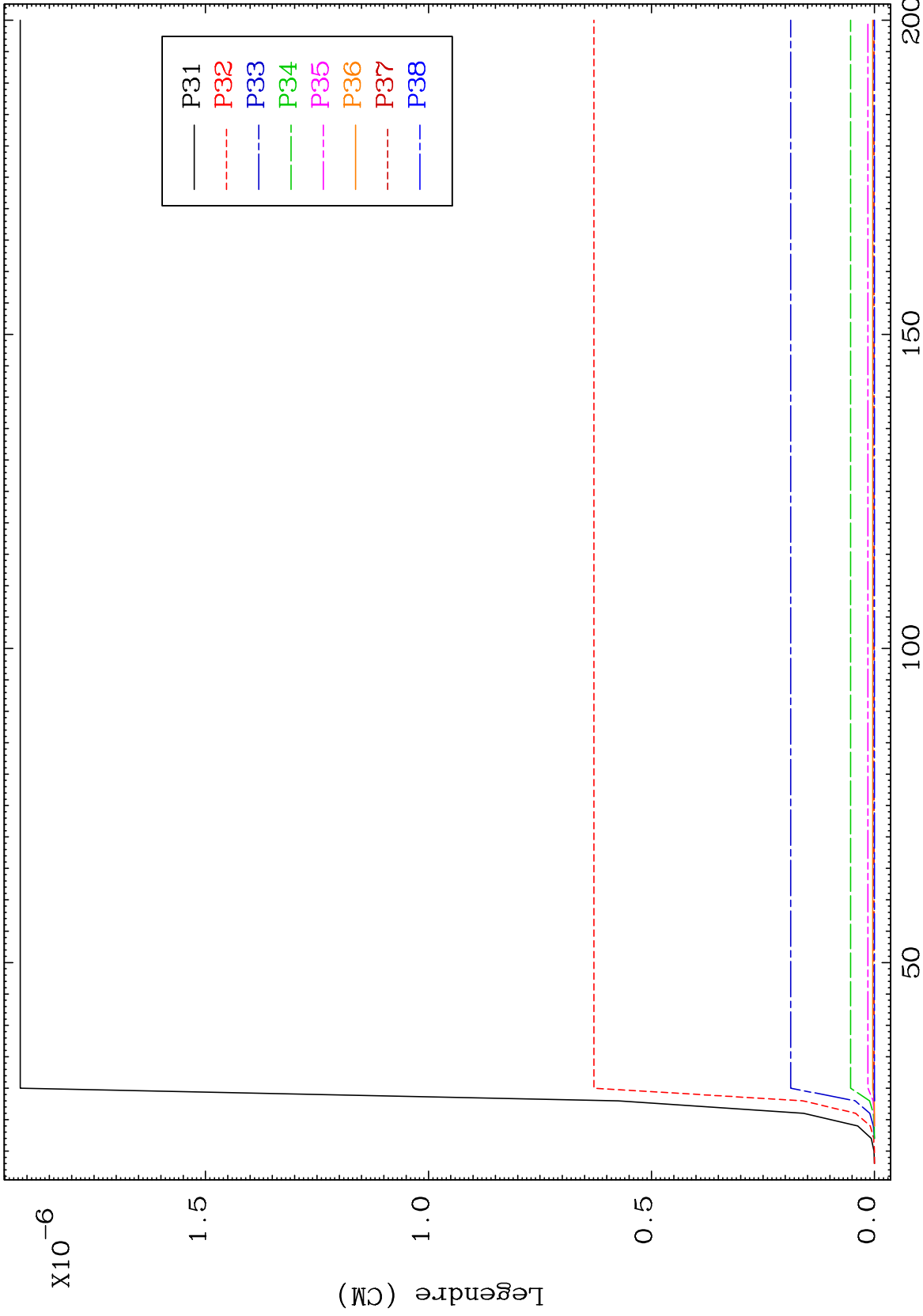
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

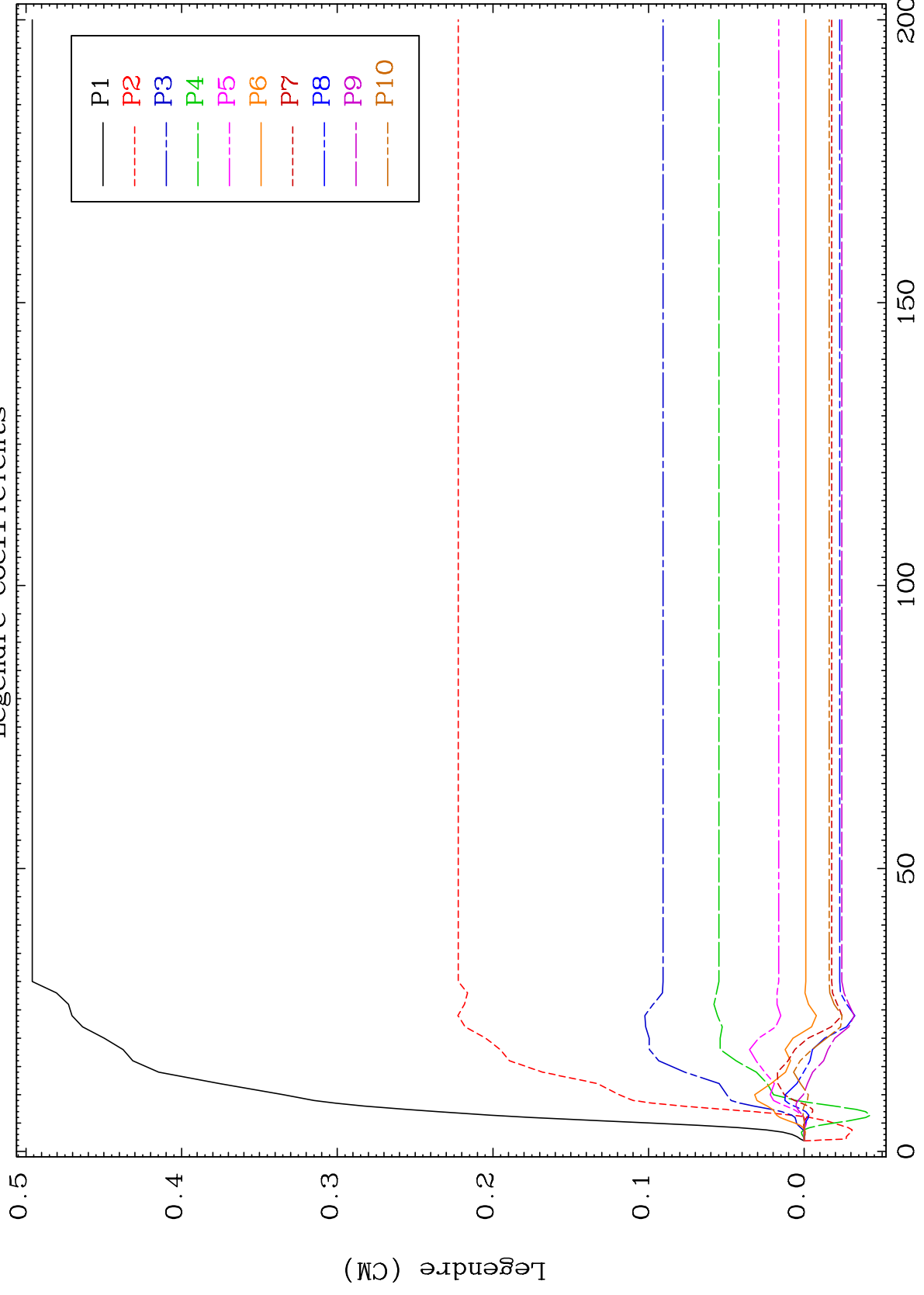
80-Hg-198



66

80-Hg-198

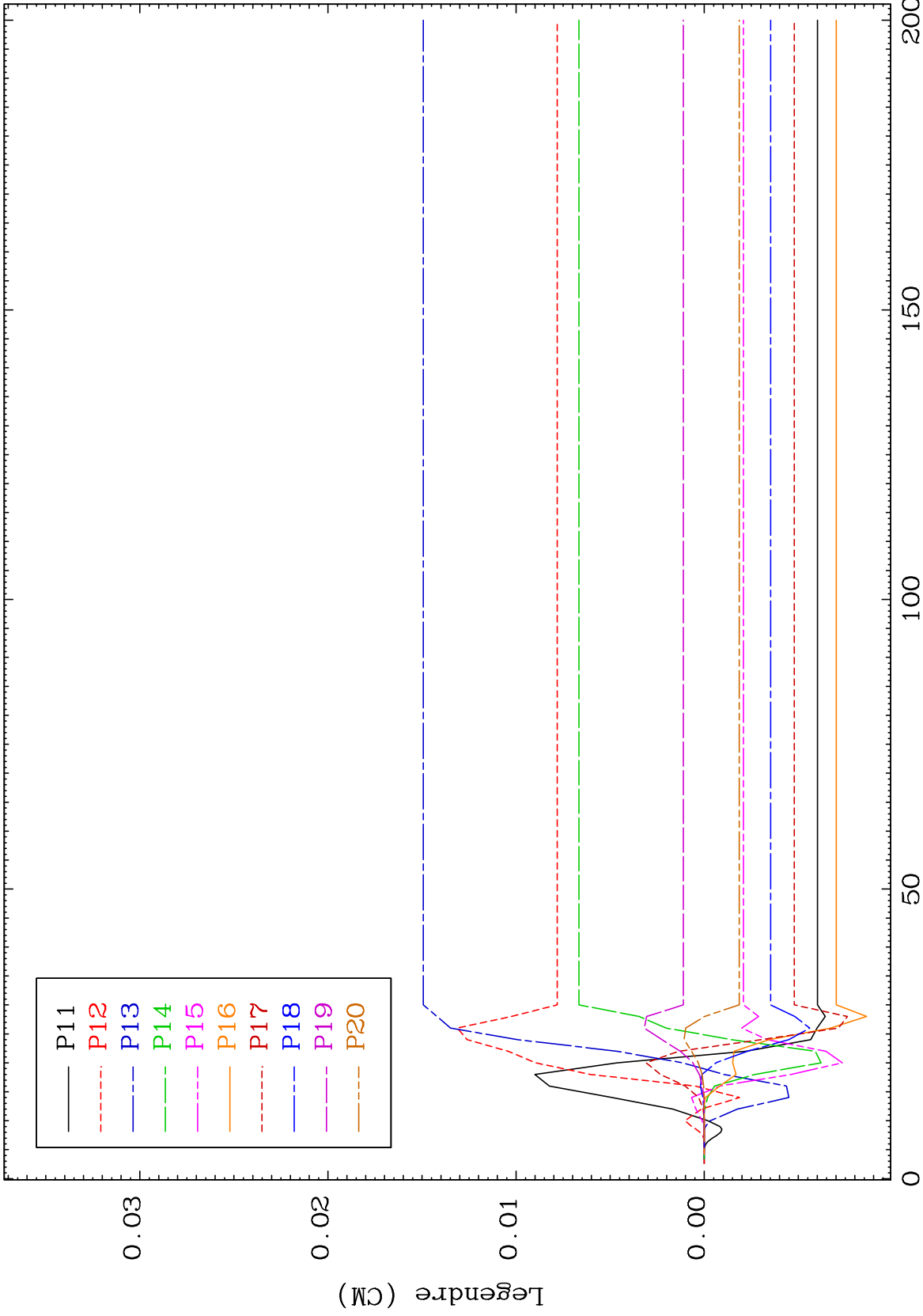
MAT 8031 MT= 64 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031

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

80-Hg-198



68

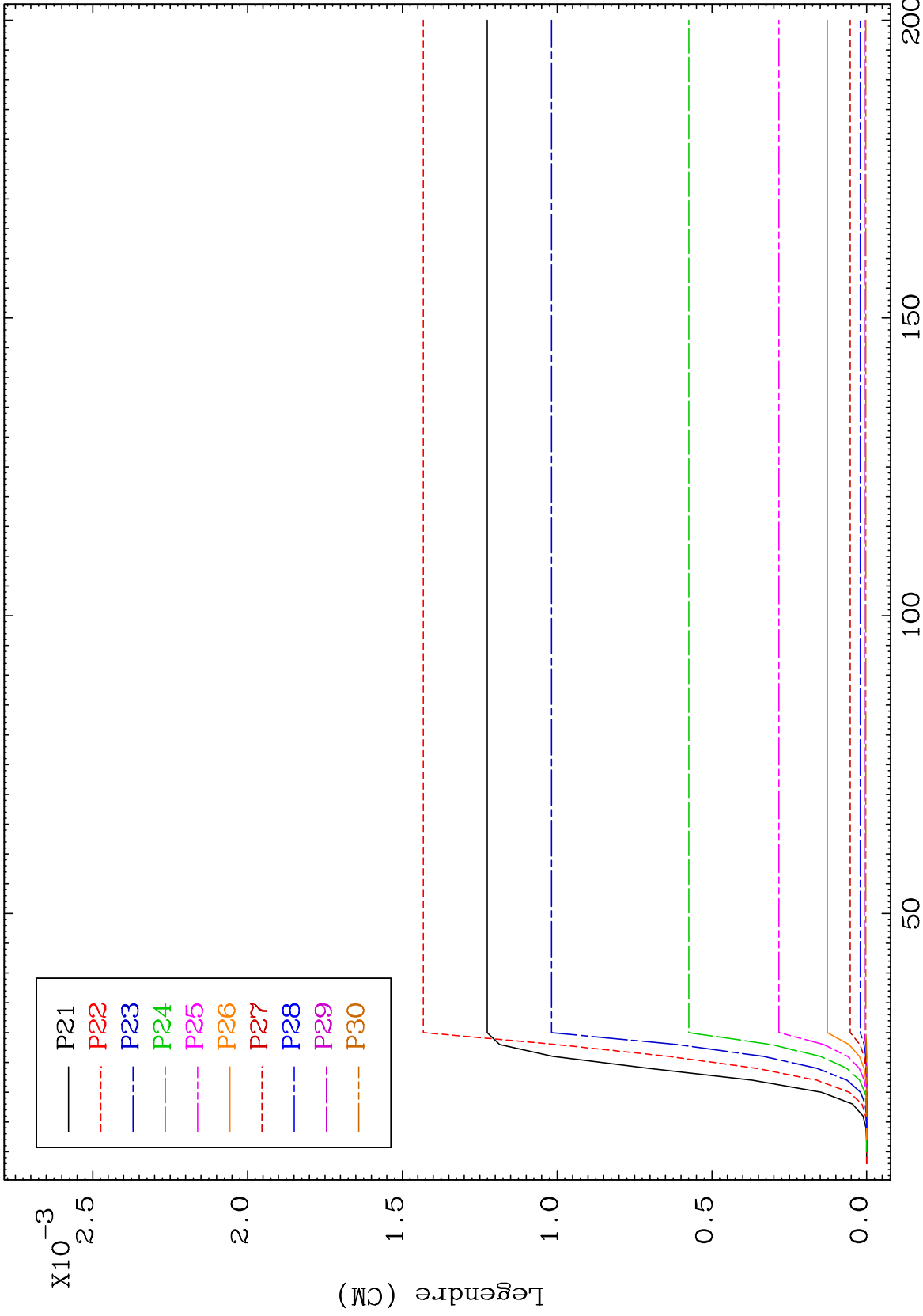
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



69

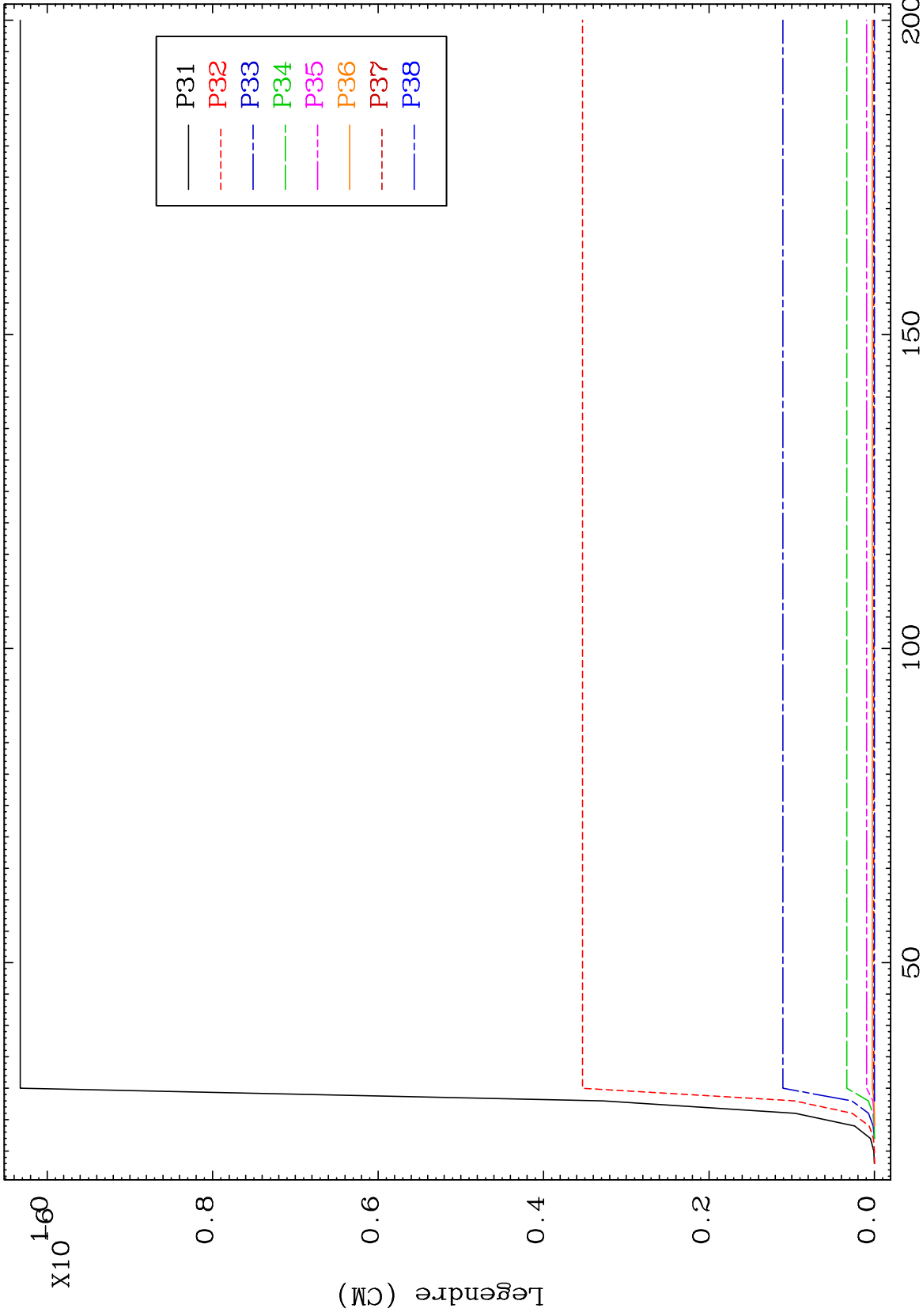
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

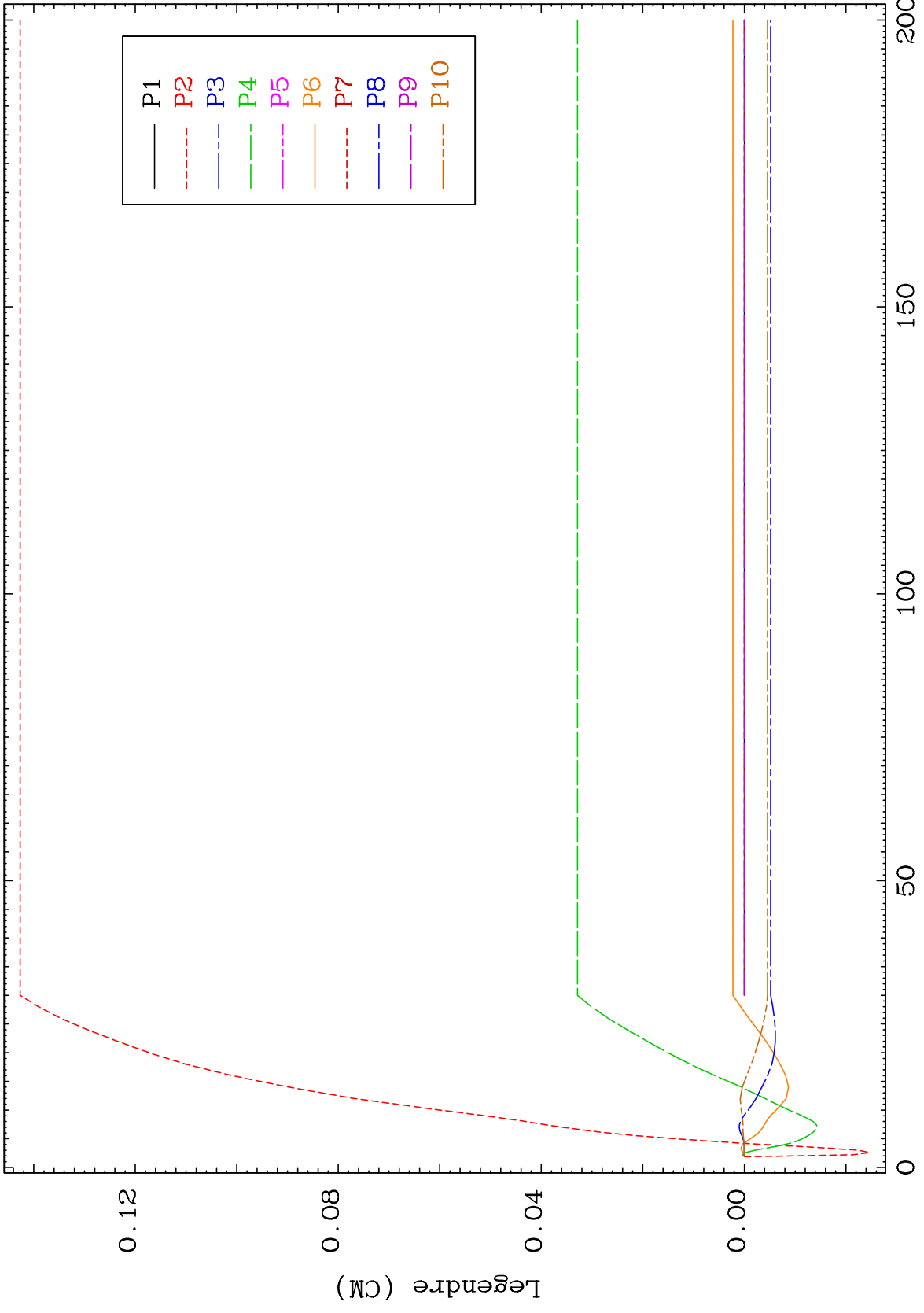


70

Incident Energy (MeV)

80-Hg-198

MAT 8031 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-198

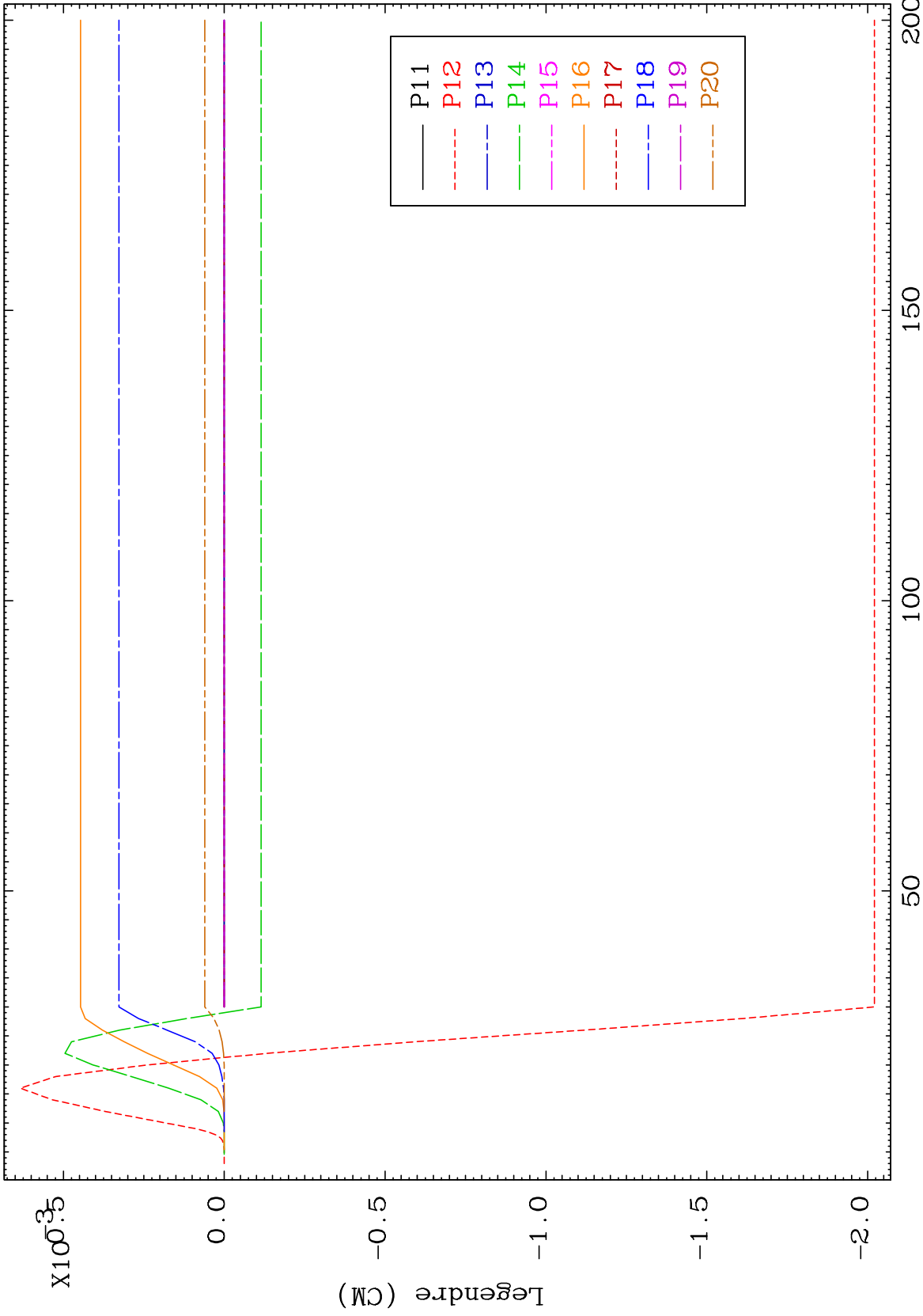


71 80-Hg-198

MAT 8031

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

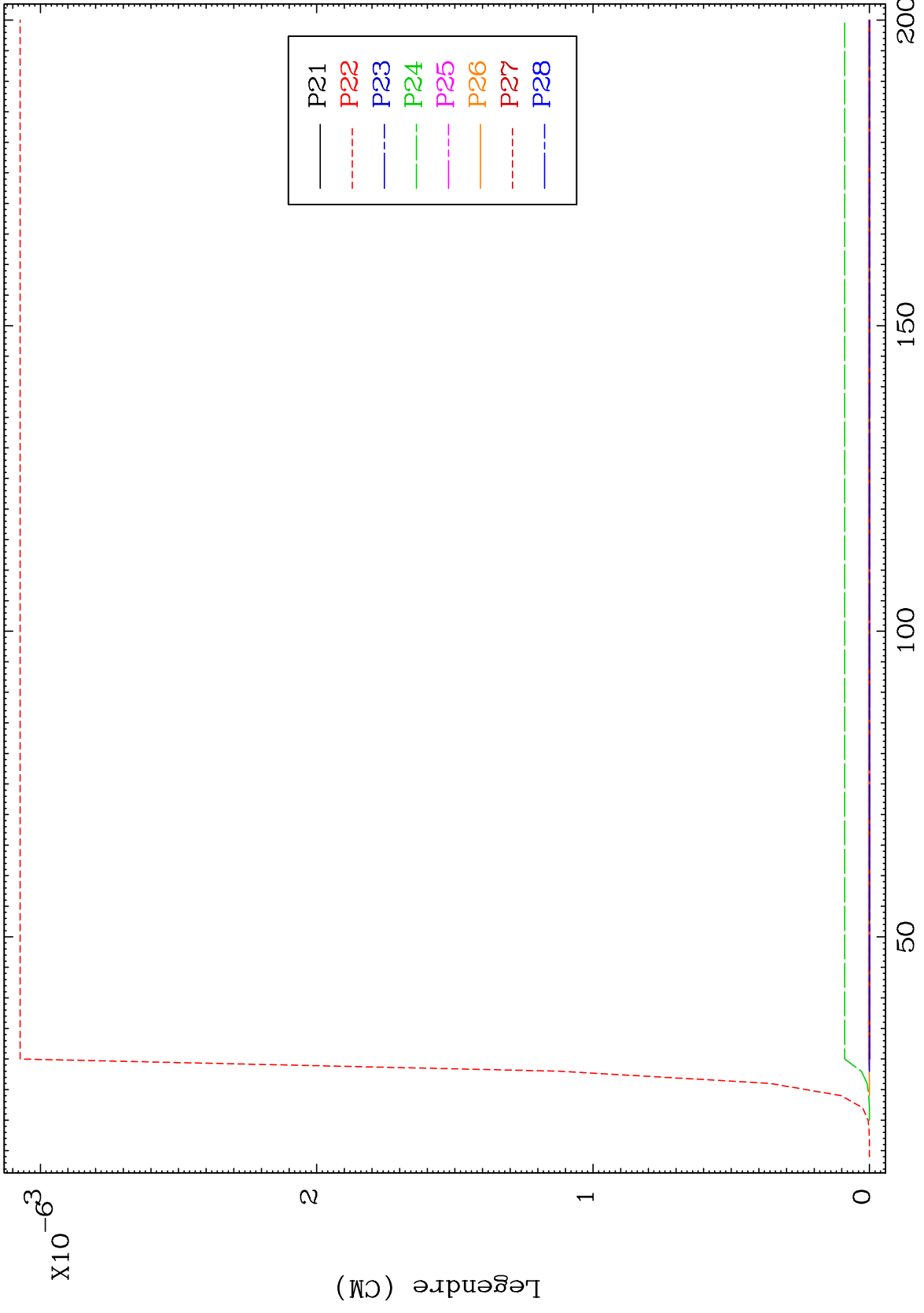
80-Hg-198



72

80-Hg-198

MAT 8031 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-198



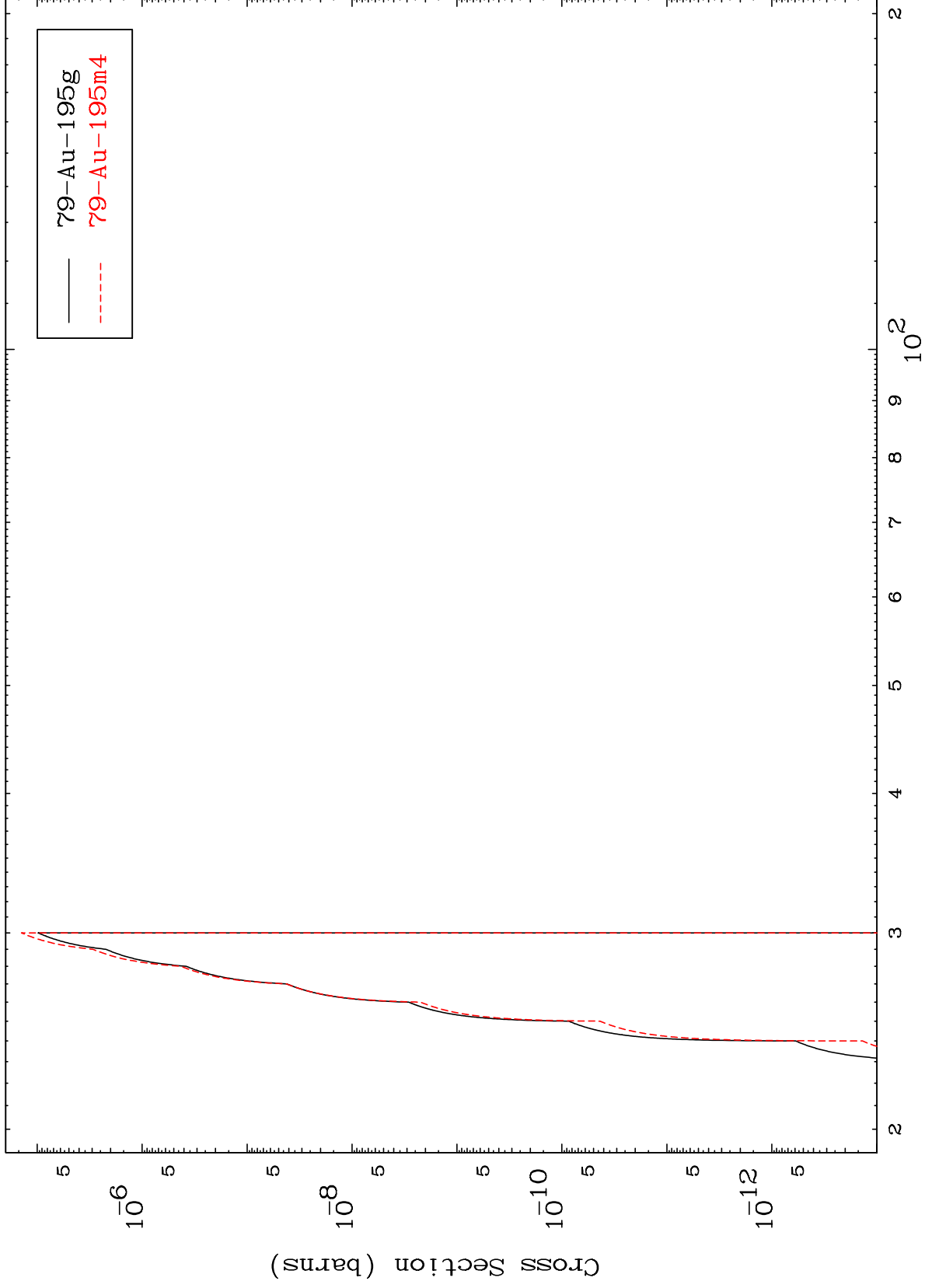
73 80-Hg-198

MAT 8031

(n,2n) d

80-Hg-198

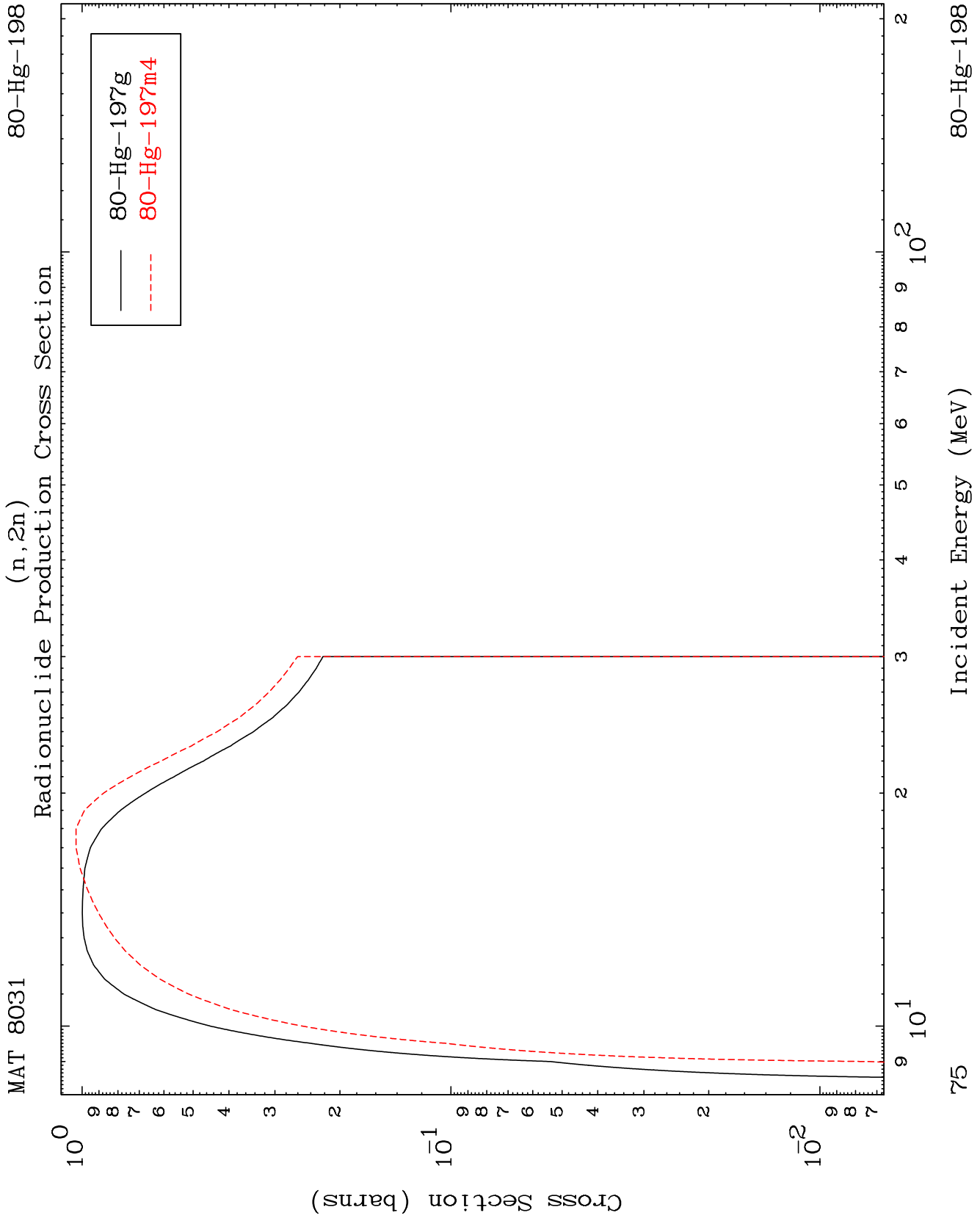
Radionuclide Production Cross Section



74

Incident Energy (MeV)

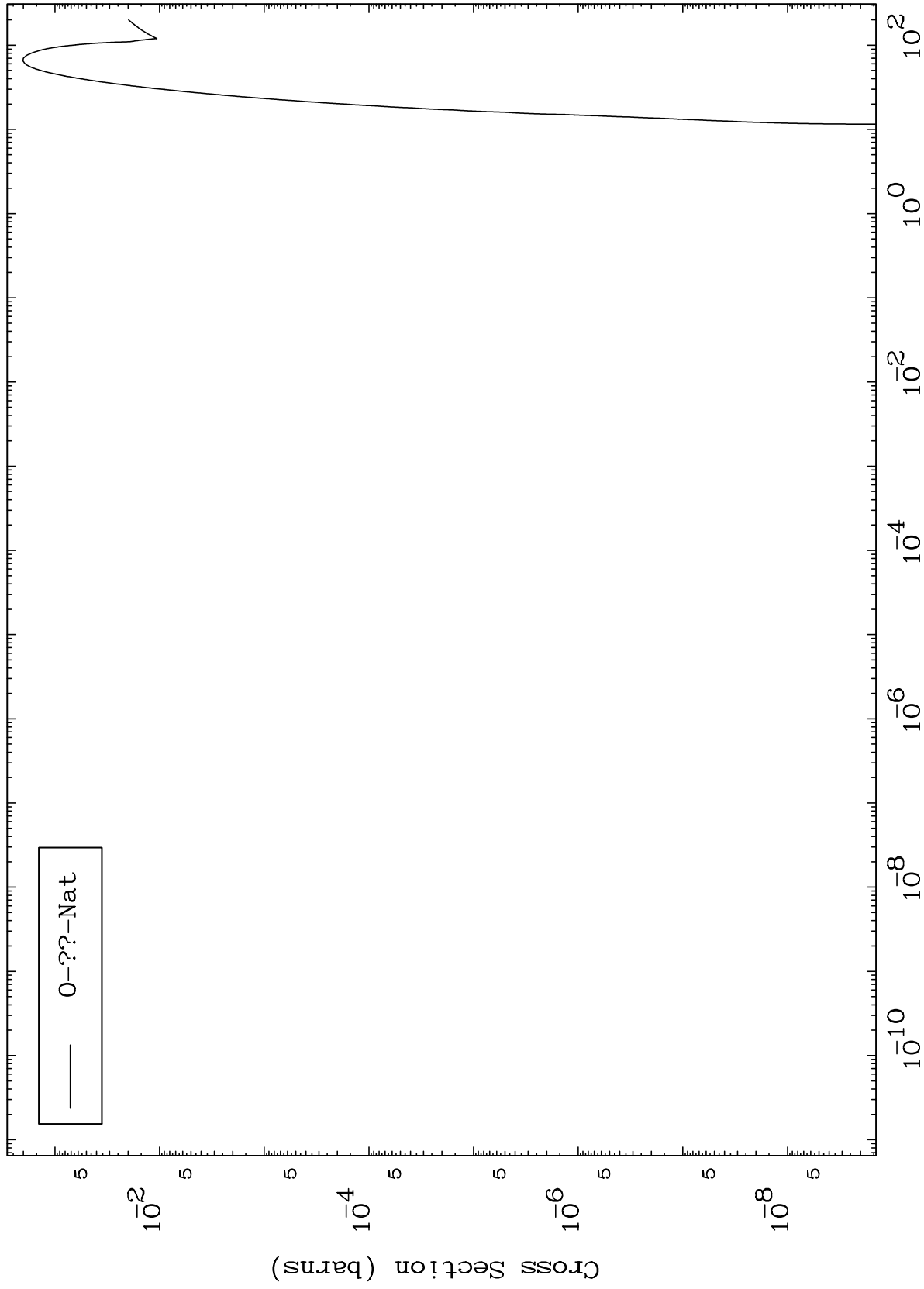
80-Hg-198



MAT 8031

Fission
Radionuclide Production Cross Section

80-Hg-198



76

Incident Energy (MeV)

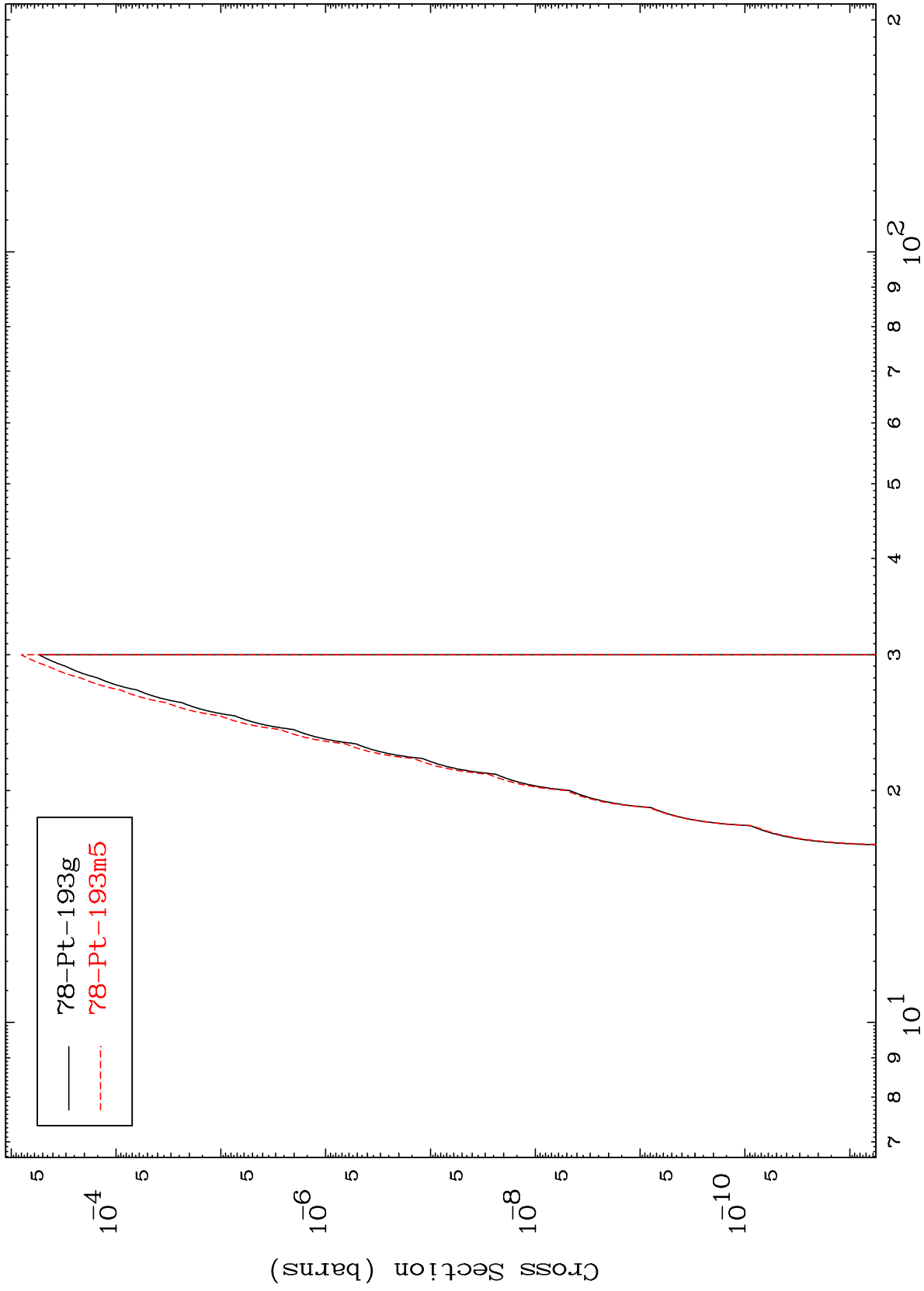
80-Hg-198

MAT 8031

$(n, 2n) \alpha$

80-Hg-198

Radionuclide Production Cross Section



77

Incident Energy (MeV)

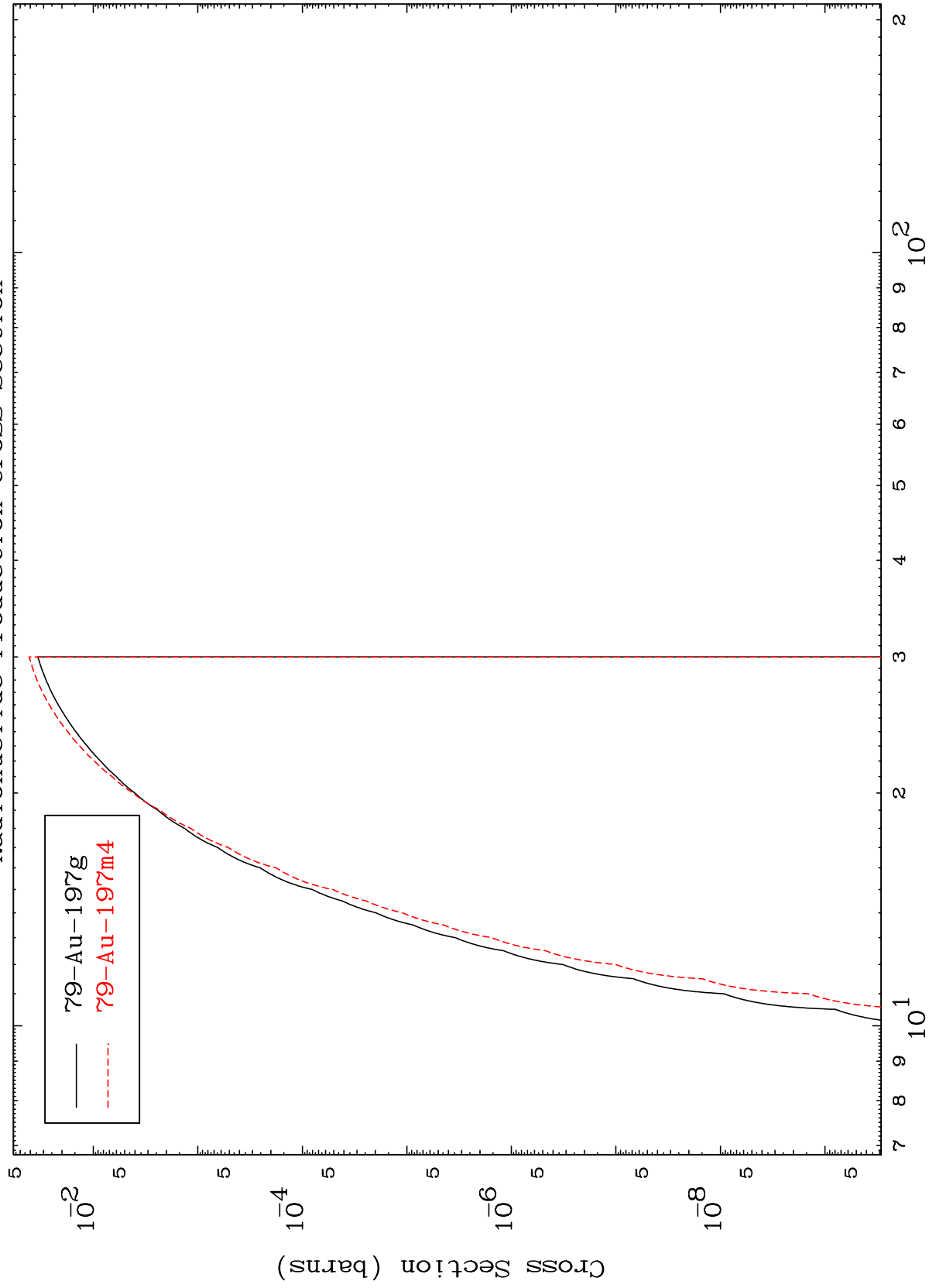
80-Hg-198

MAT 8031

(n,n') p

80-Hg-198

Radionuclide Production Cross Section

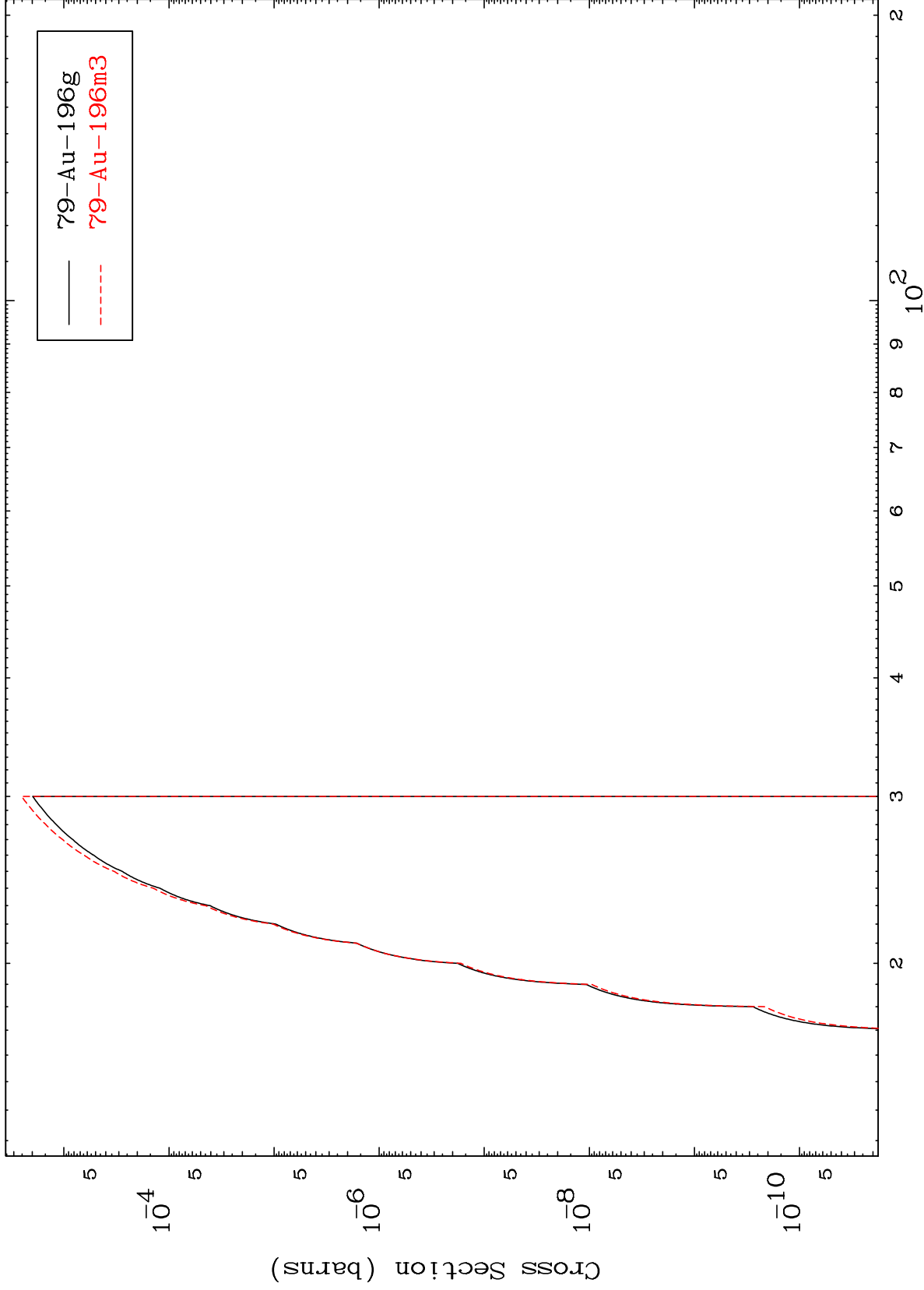


MAT 8031

(n,n') d

80-Hg-198

Radionuclide Production Cross Section



79

Incident Energy (MeV)

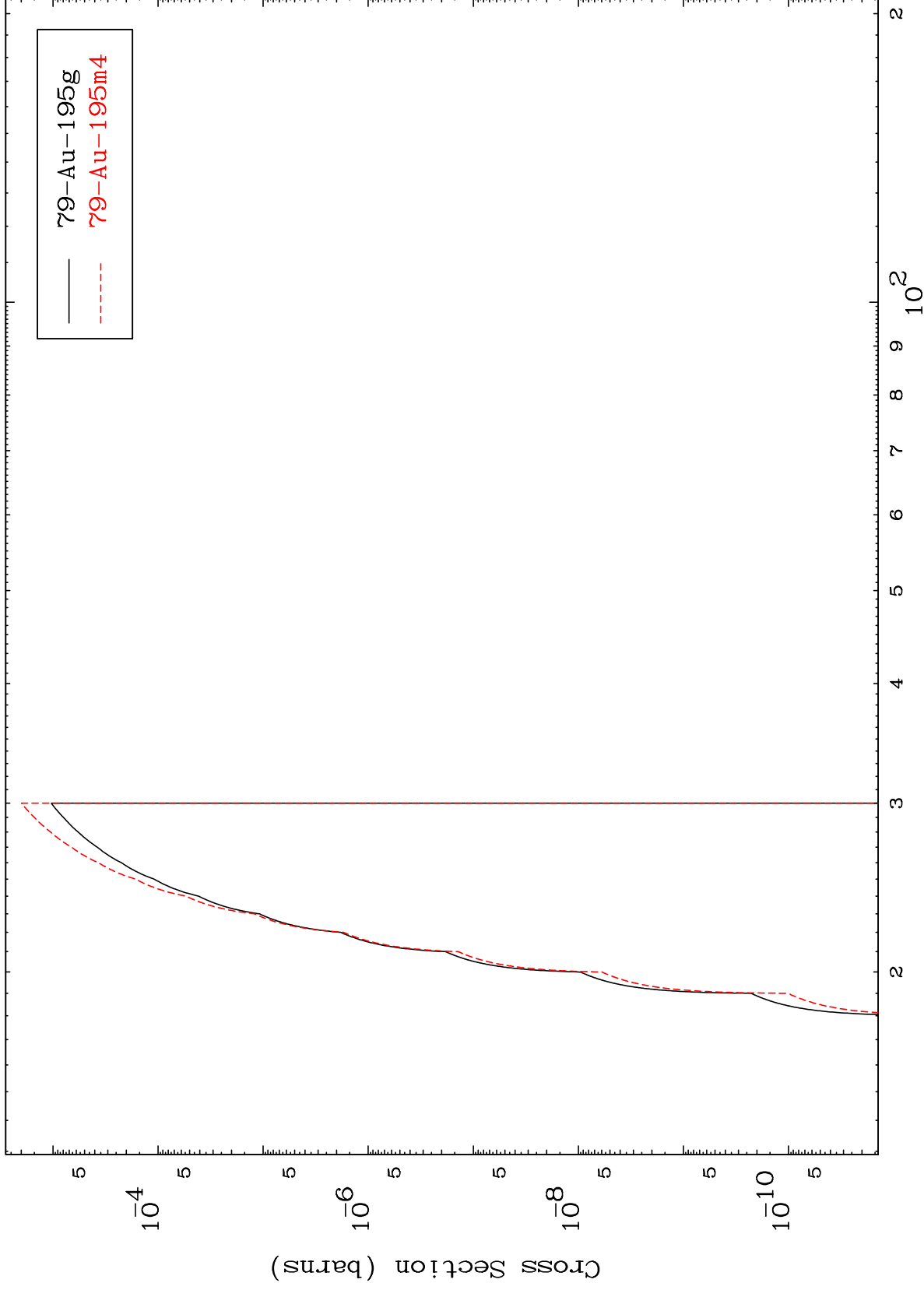
80-Hg-198

MAT 8031

(n,n') t

80-Hg-198

Radionuclide Production Cross Section



80

Incident Energy (MeV)

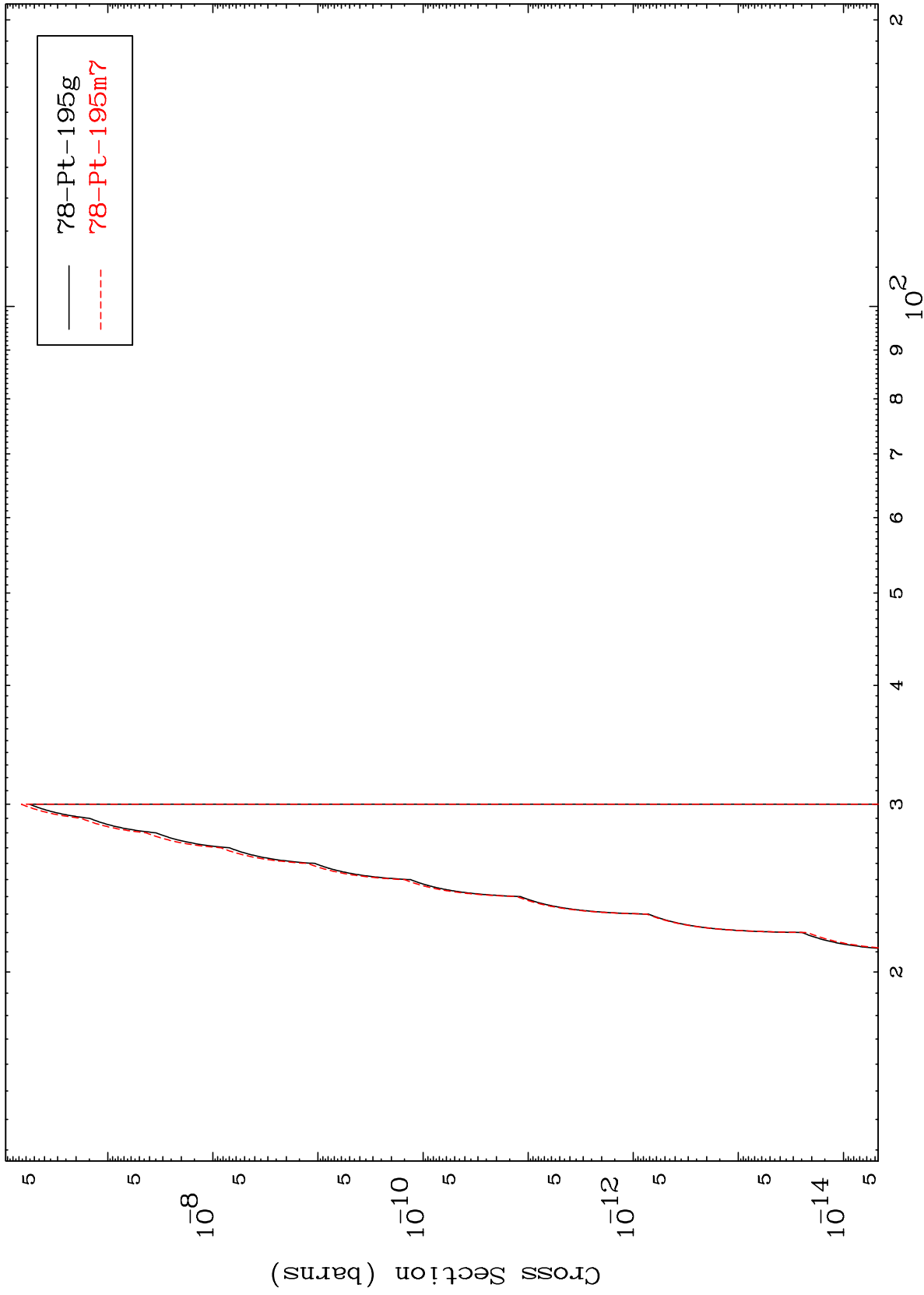
80-Hg-198

MAT 8031

(n, n') He-3

80-Hg-198

Radionuclide Production Cross Section



81

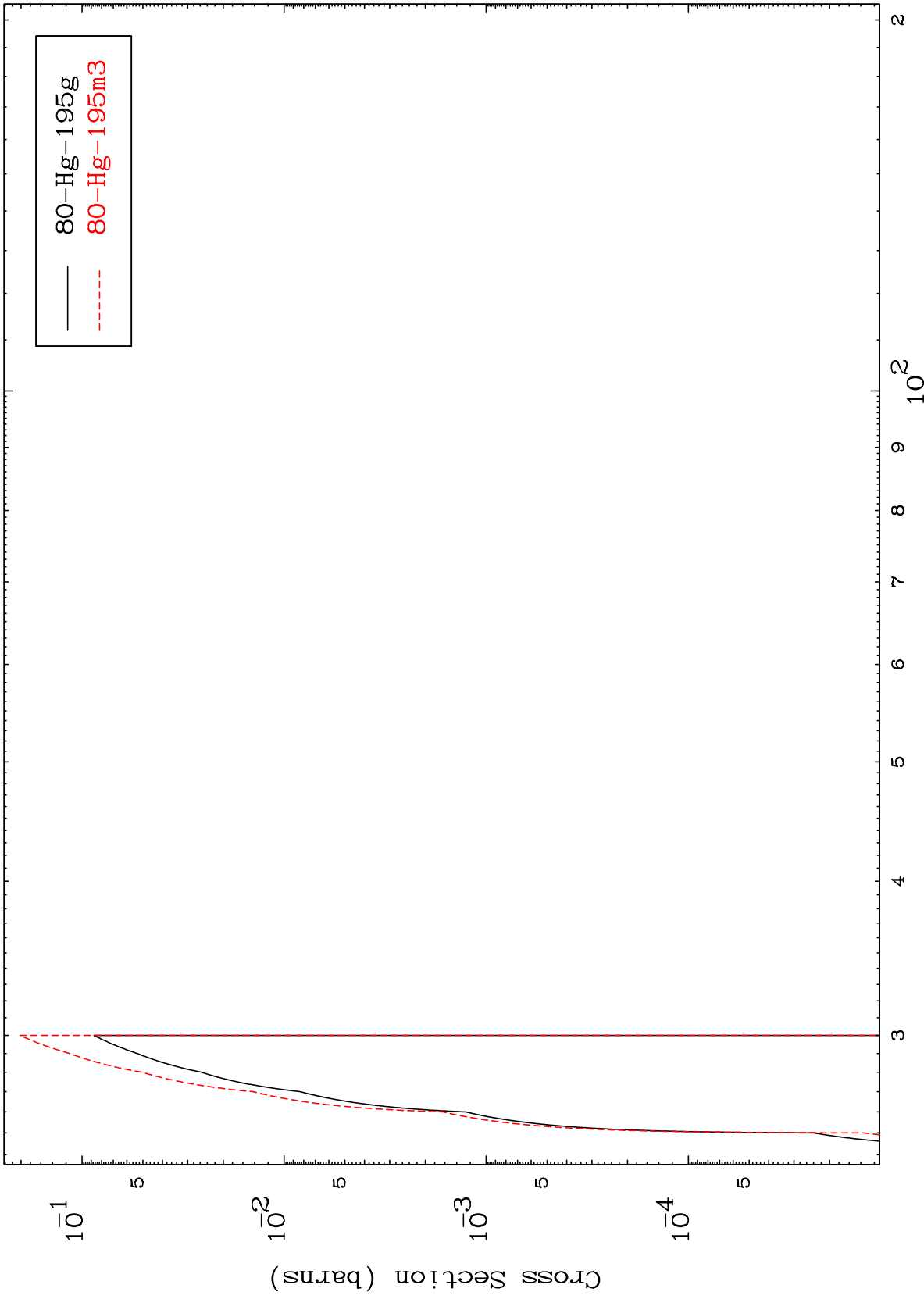
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,4n)
Radionuclide Production Cross Section



82

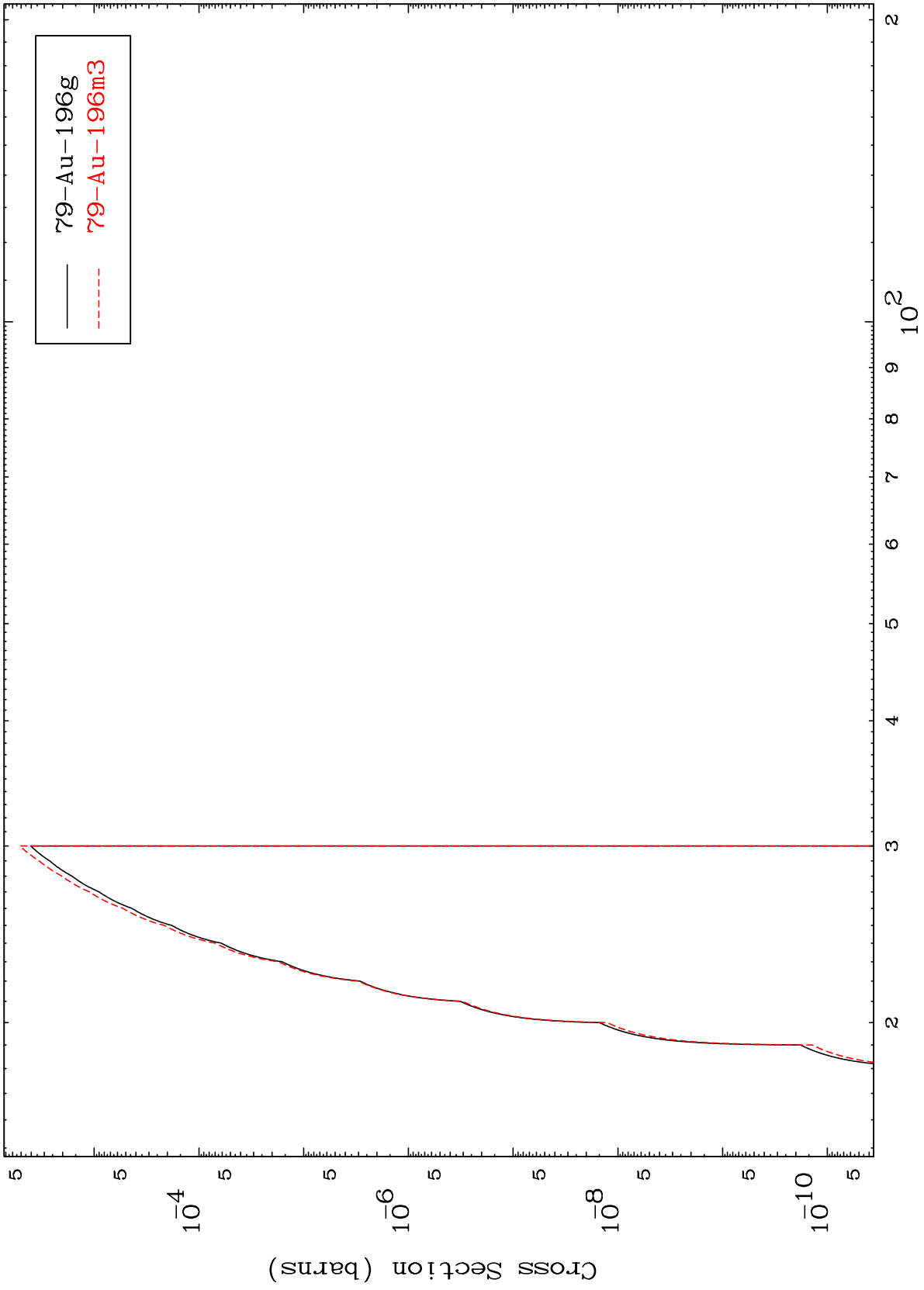
80-Hg-198

MAT 8031

(n,2n) p

80-Hg-198

Radionuclide Production Cross Section



83

Incident Energy (MeV)

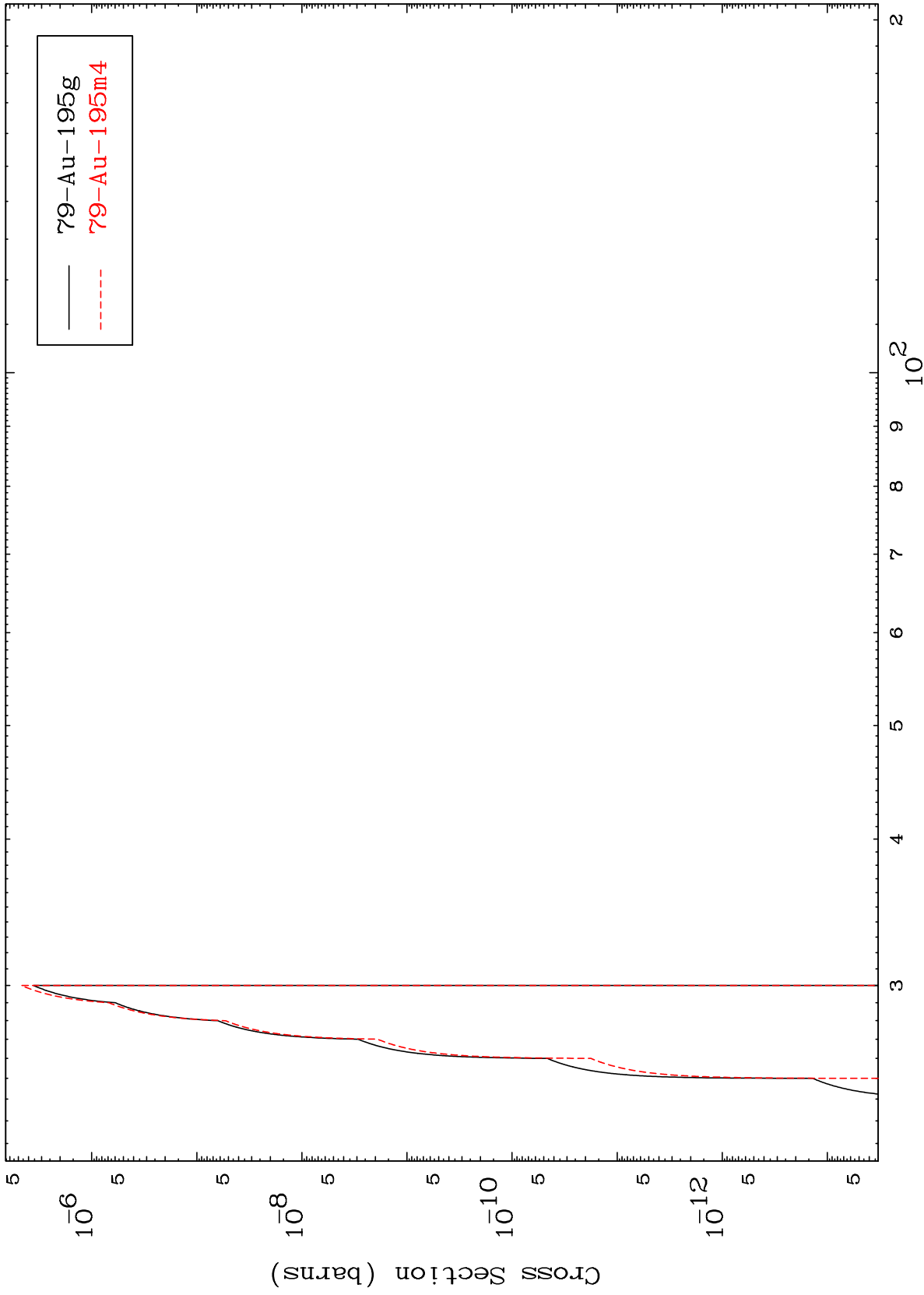
80-Hg-198

MAT 8031

(n,3n) p

80-Hg-198

Radionuclide Production Cross Section



84

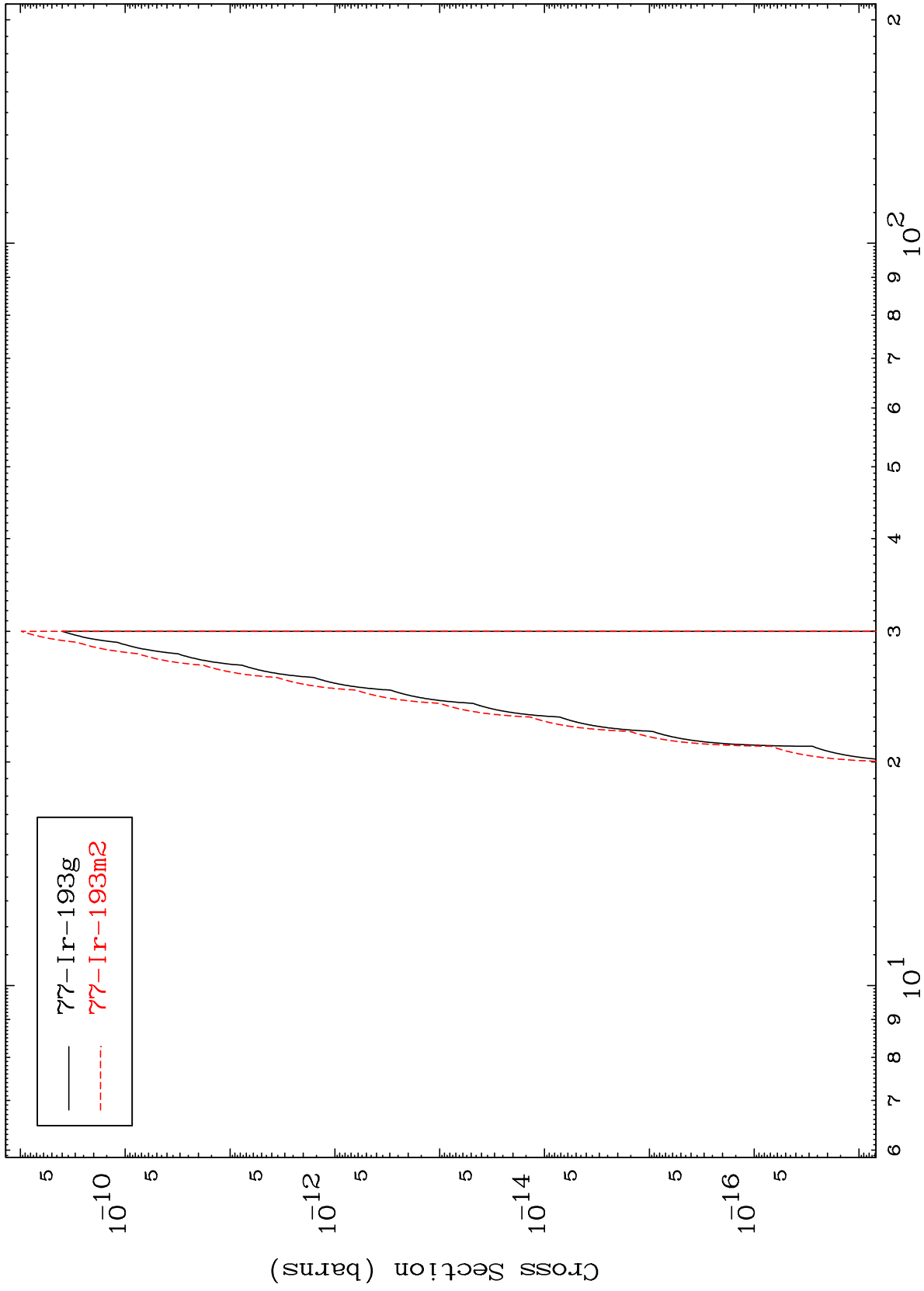
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,n') p α
Radionuclide Production Cross Section



85

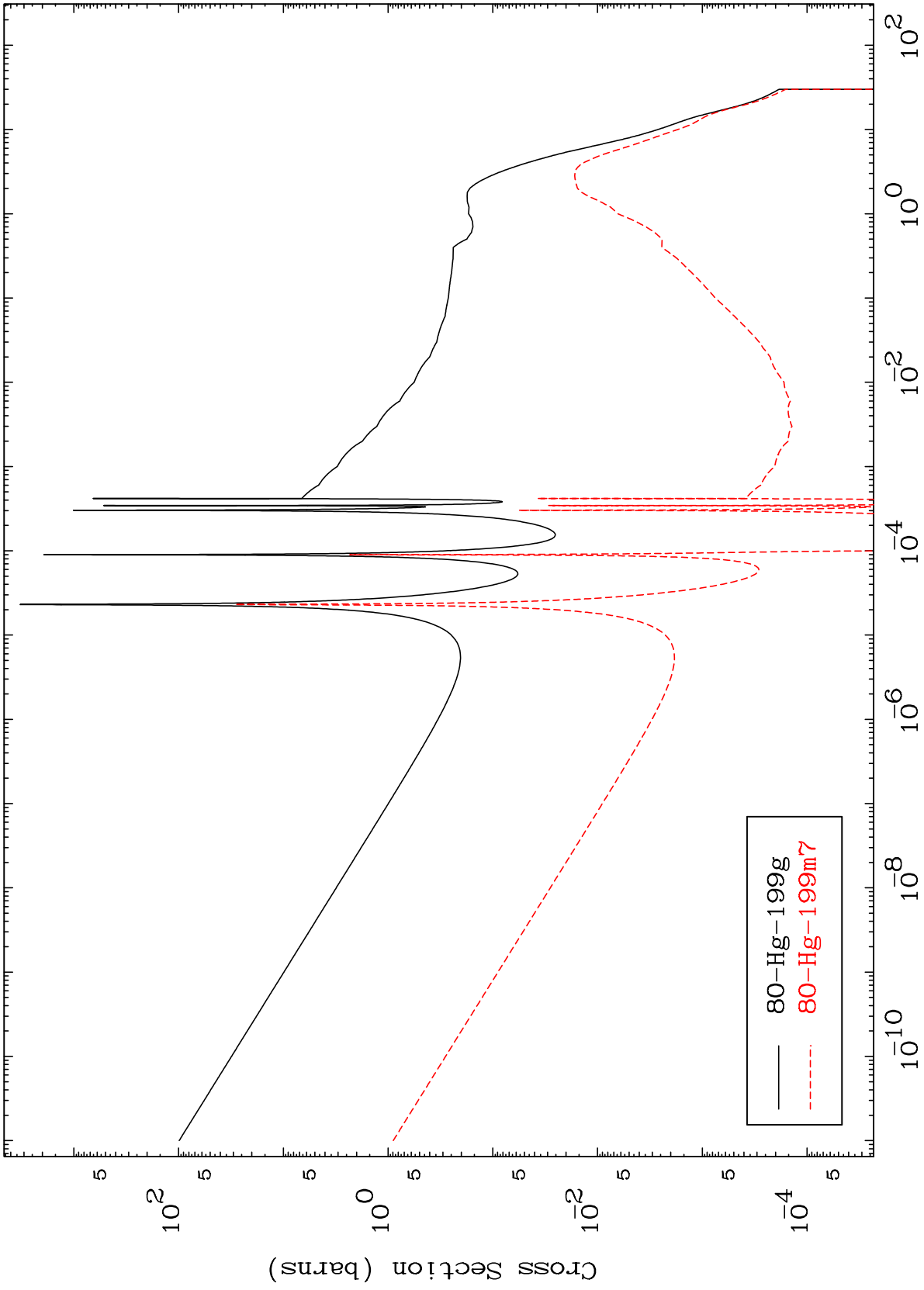
80-Hg-198

Incident Energy (MeV)

MAT 8031

80-Hg-198

Radionuclide Production Cross Section
(n,γ)



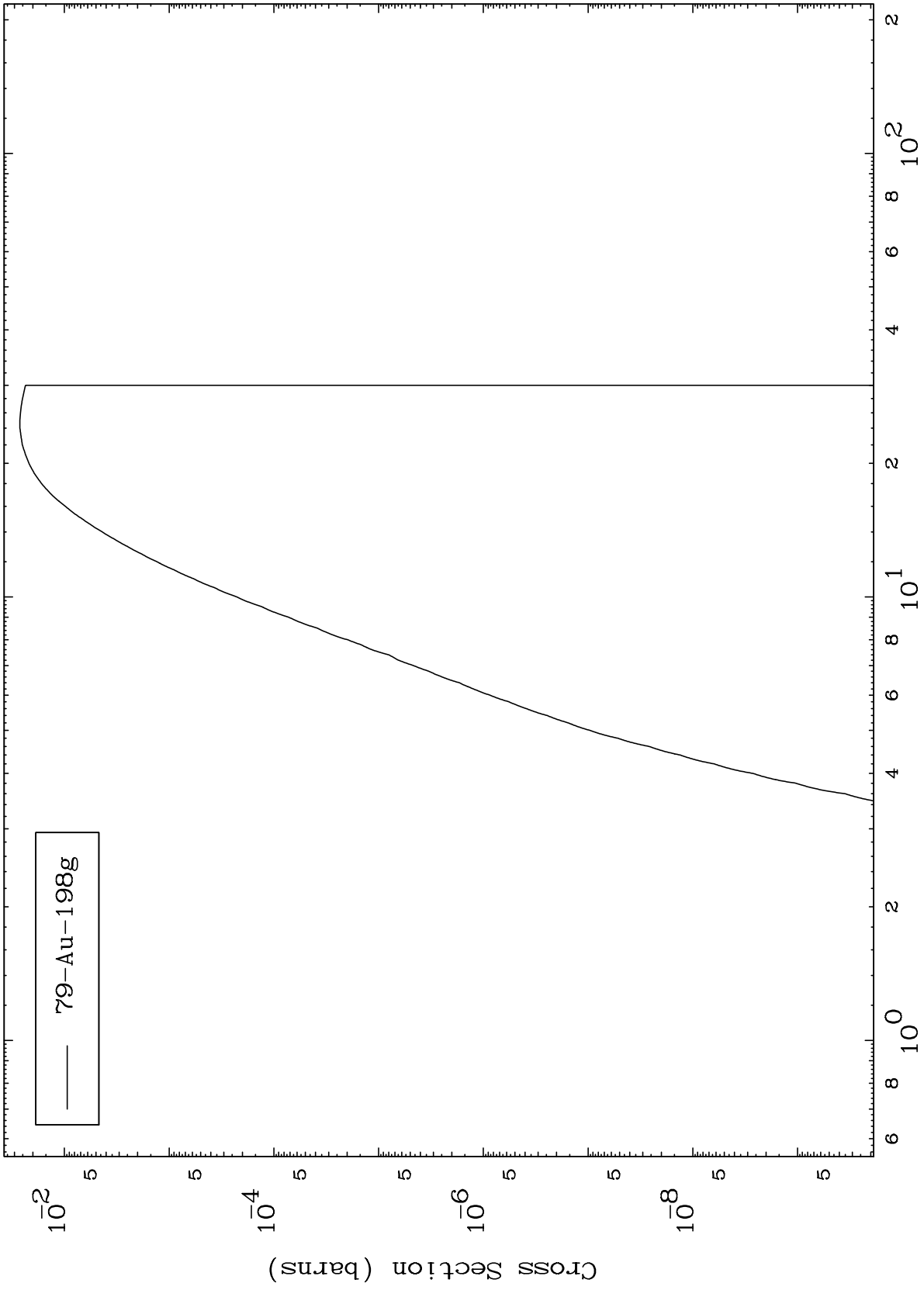
86

80-Hg-198

MAT 8031

80-Hg-198

(n,p)
Radionuclide Production Cross Section



87

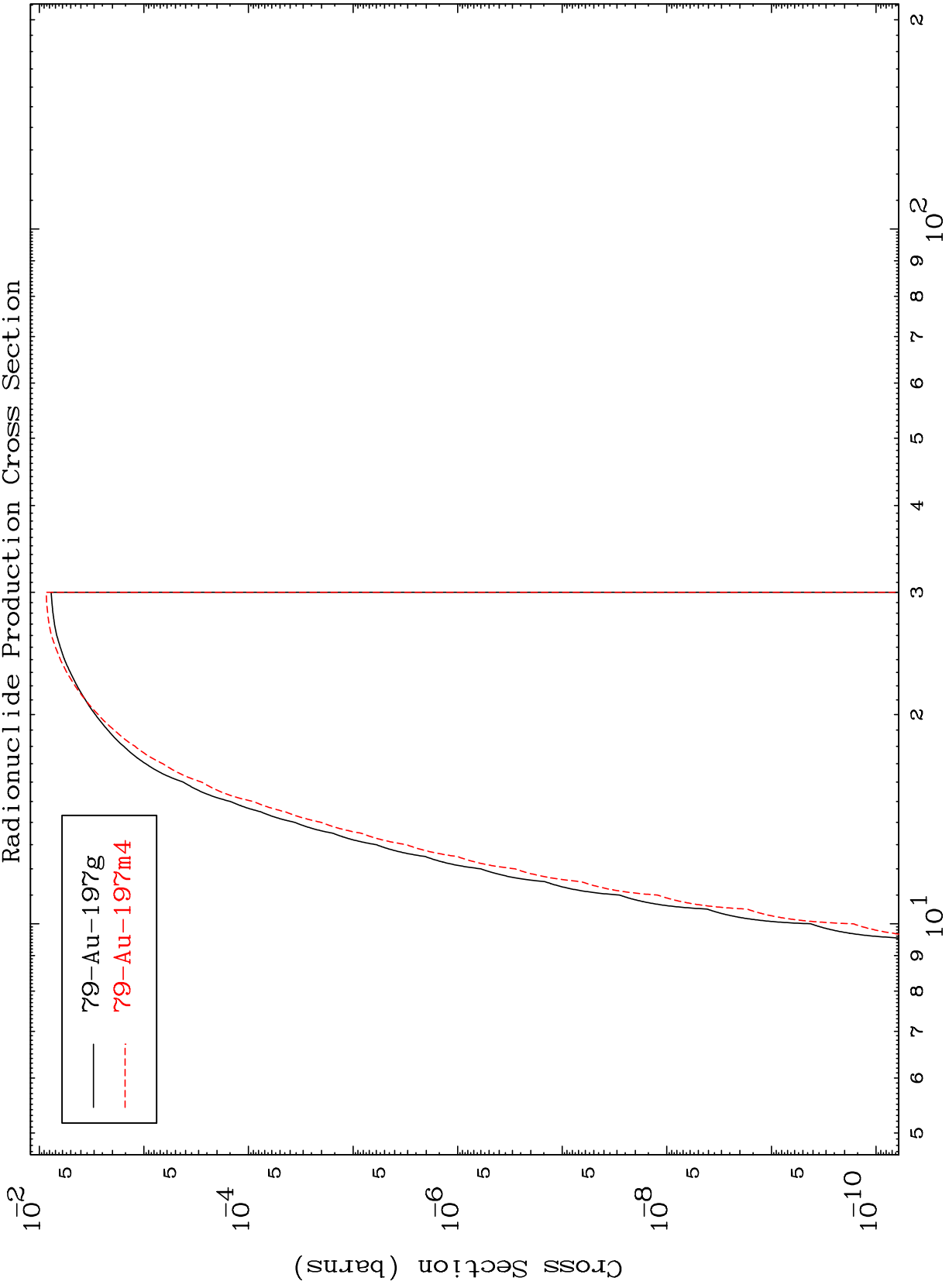
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

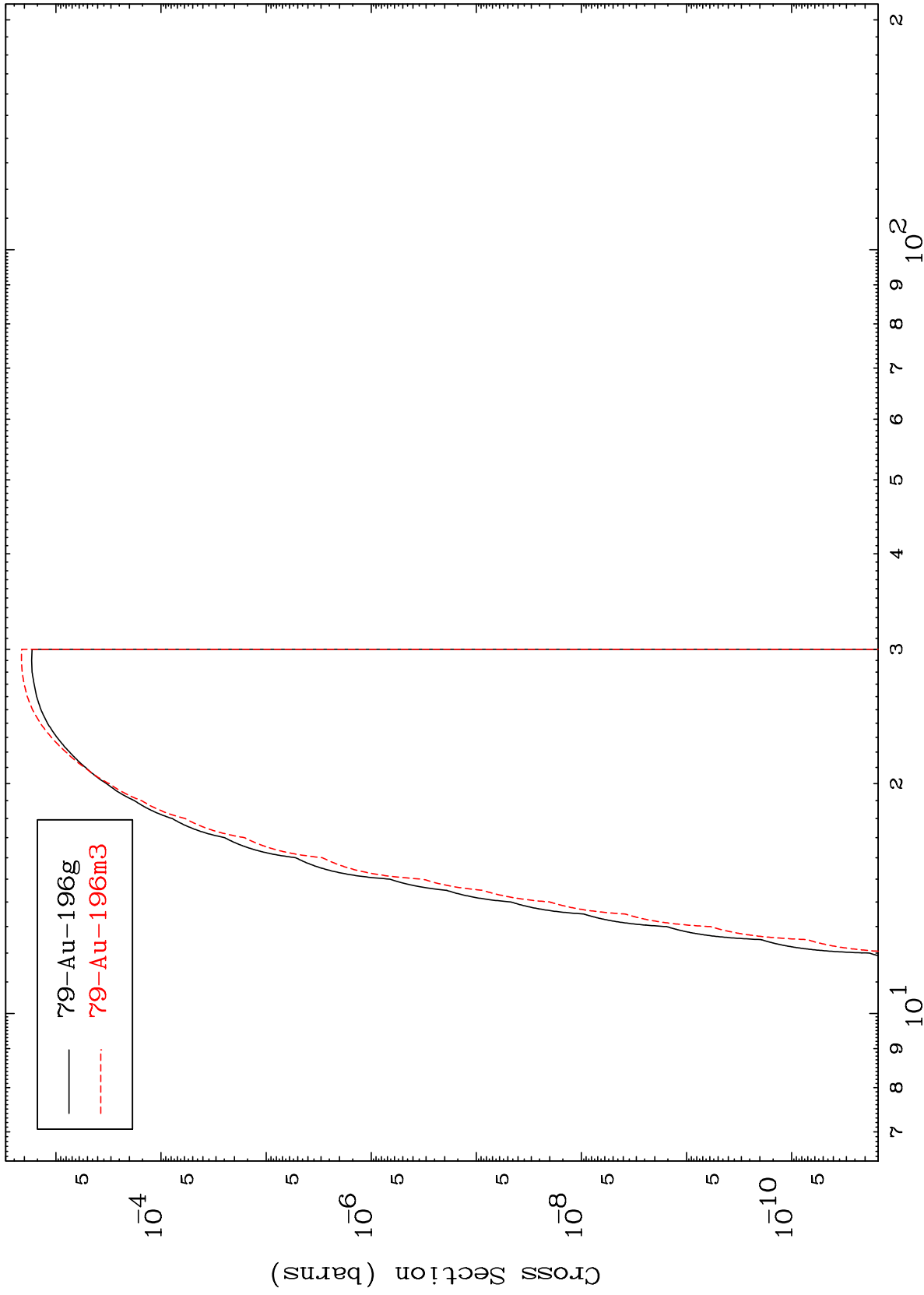
(n,d)
Radionuclide Production Cross Section



MAT 8031

80-Hg-198

(n, t)
Radionuclide Production Cross Section



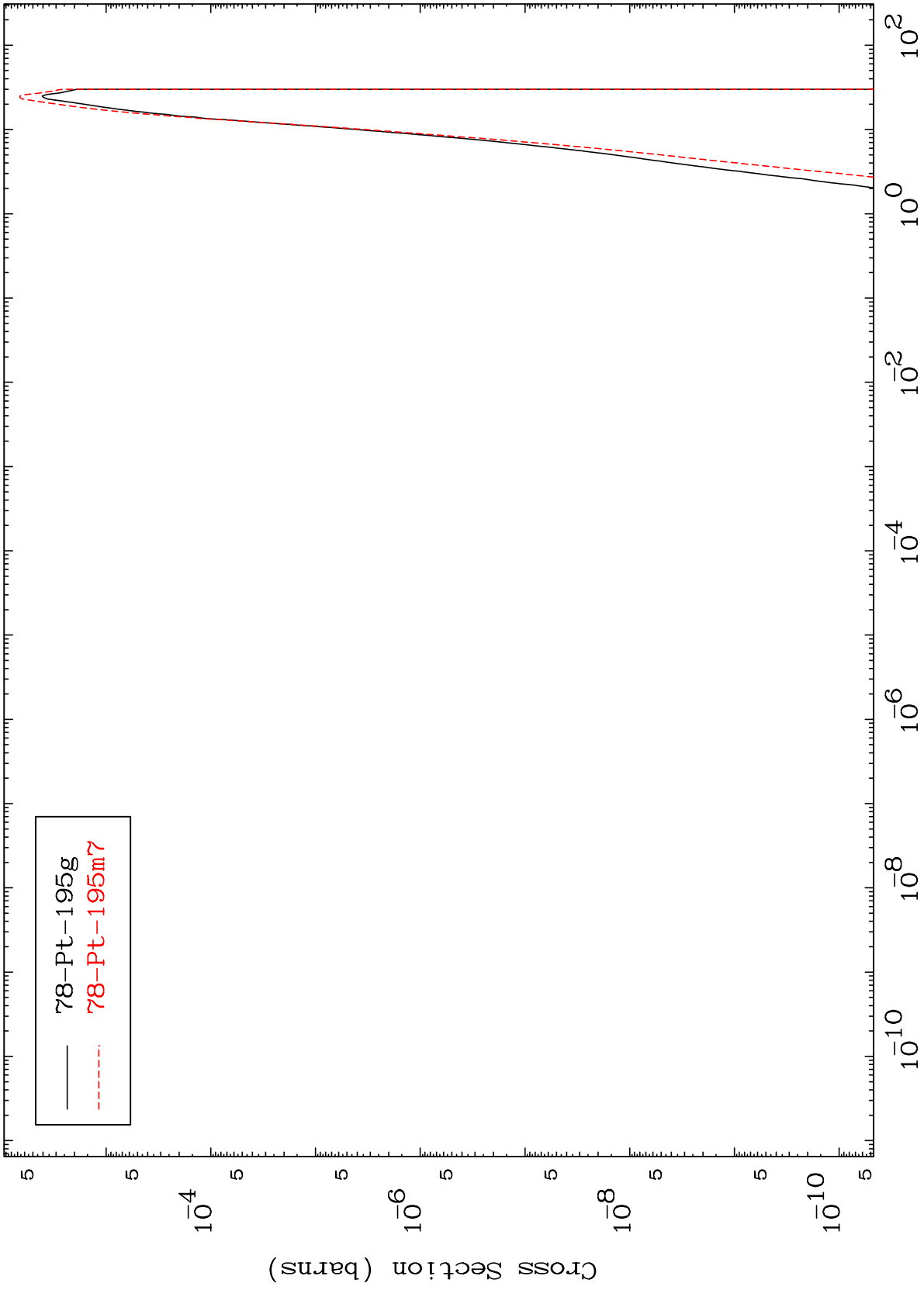
89

80-Hg-198

MAT 8031

(n, α)
Radionuclide Production Cross Section

80-Hg-198



90

Incident Energy (MeV)

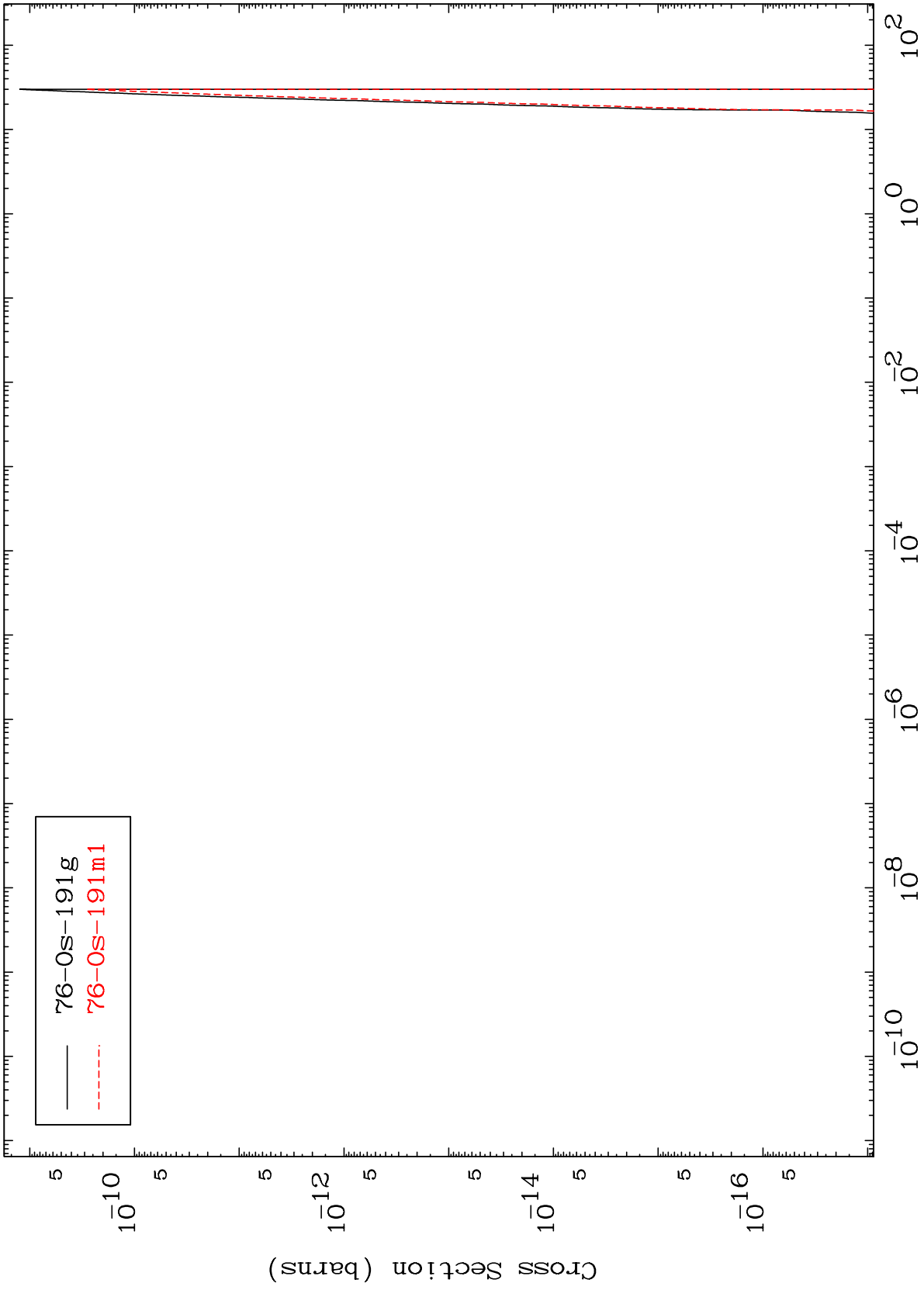
80-Hg-198

MAT 8031

(n,2α)

80-Hg-198

Radionuclide Production Cross Section



91

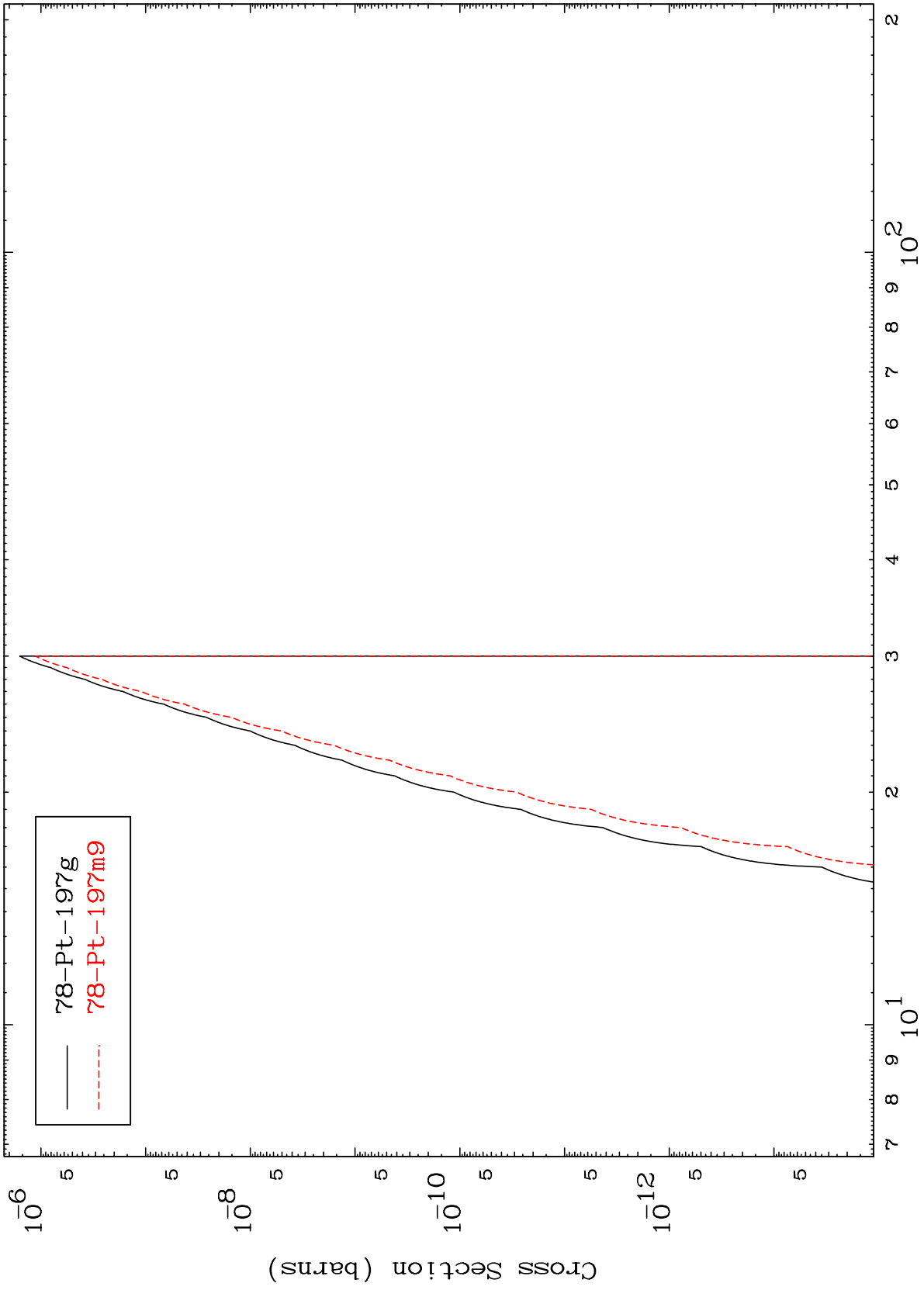
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,2p)
Radionuclide Production Cross Section



92

80-Hg-198

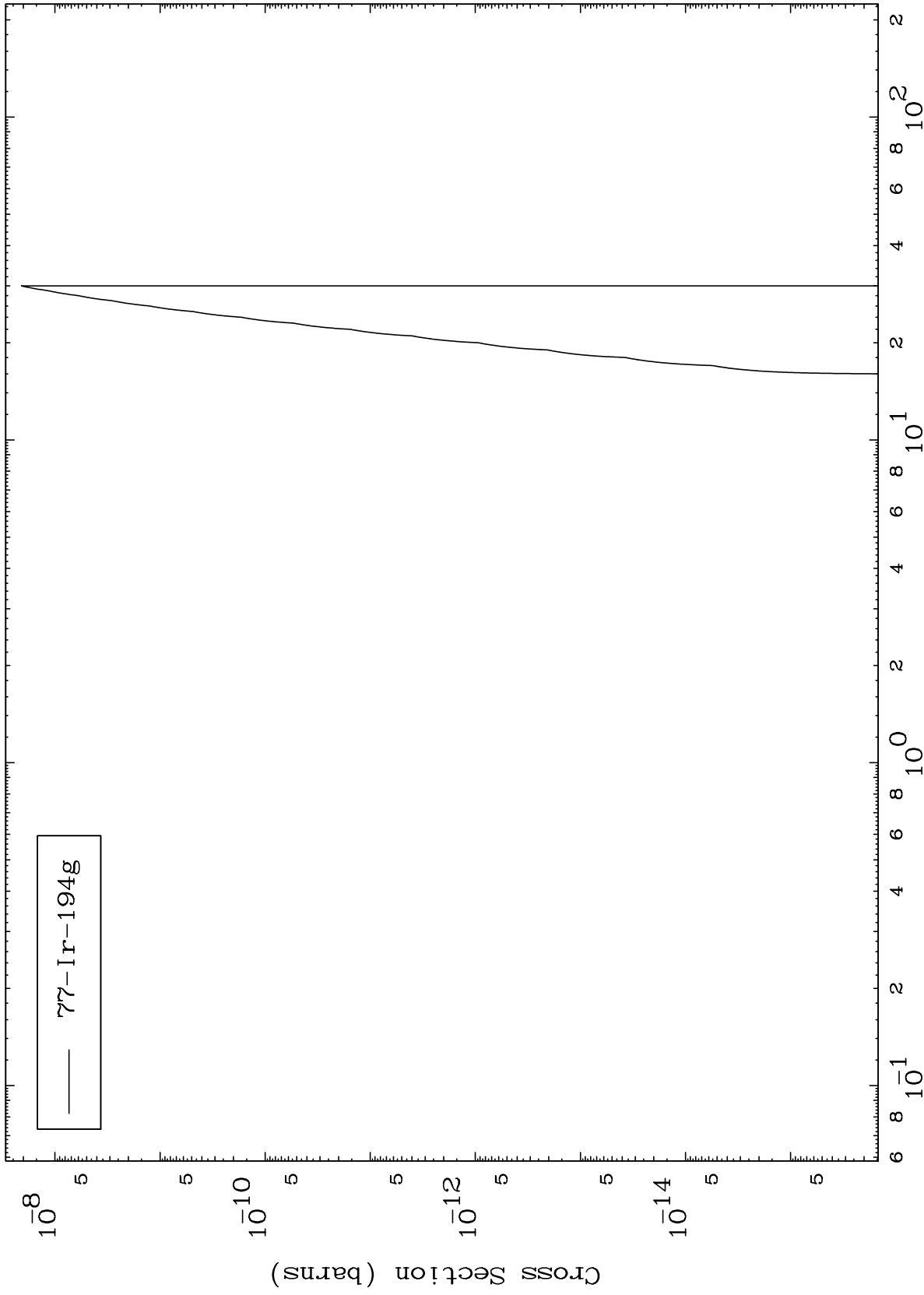
Incident Energy (MeV)

MAT 8031

(n,p) α

80-Hg-198

Radionuclide Production Cross Section



93

Incident Energy (MeV)

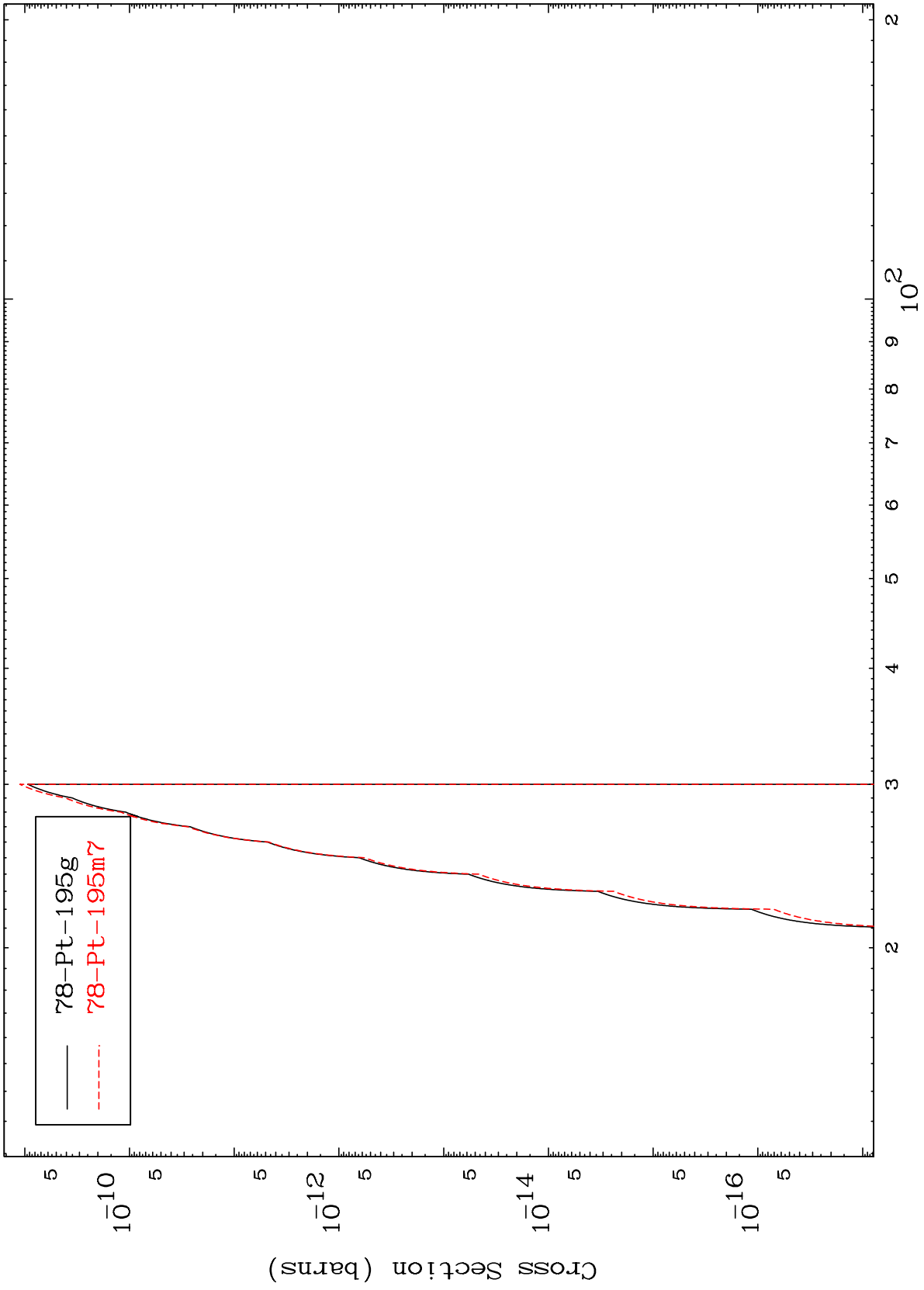
80-Hg-198

MAT 8031

(n,p) t

80-Hg-198

Radionuclide Production Cross Section



94

Incident Energy (MeV)

80-Hg-198