

Program EVALPLOT
(Version 2021-1)

by

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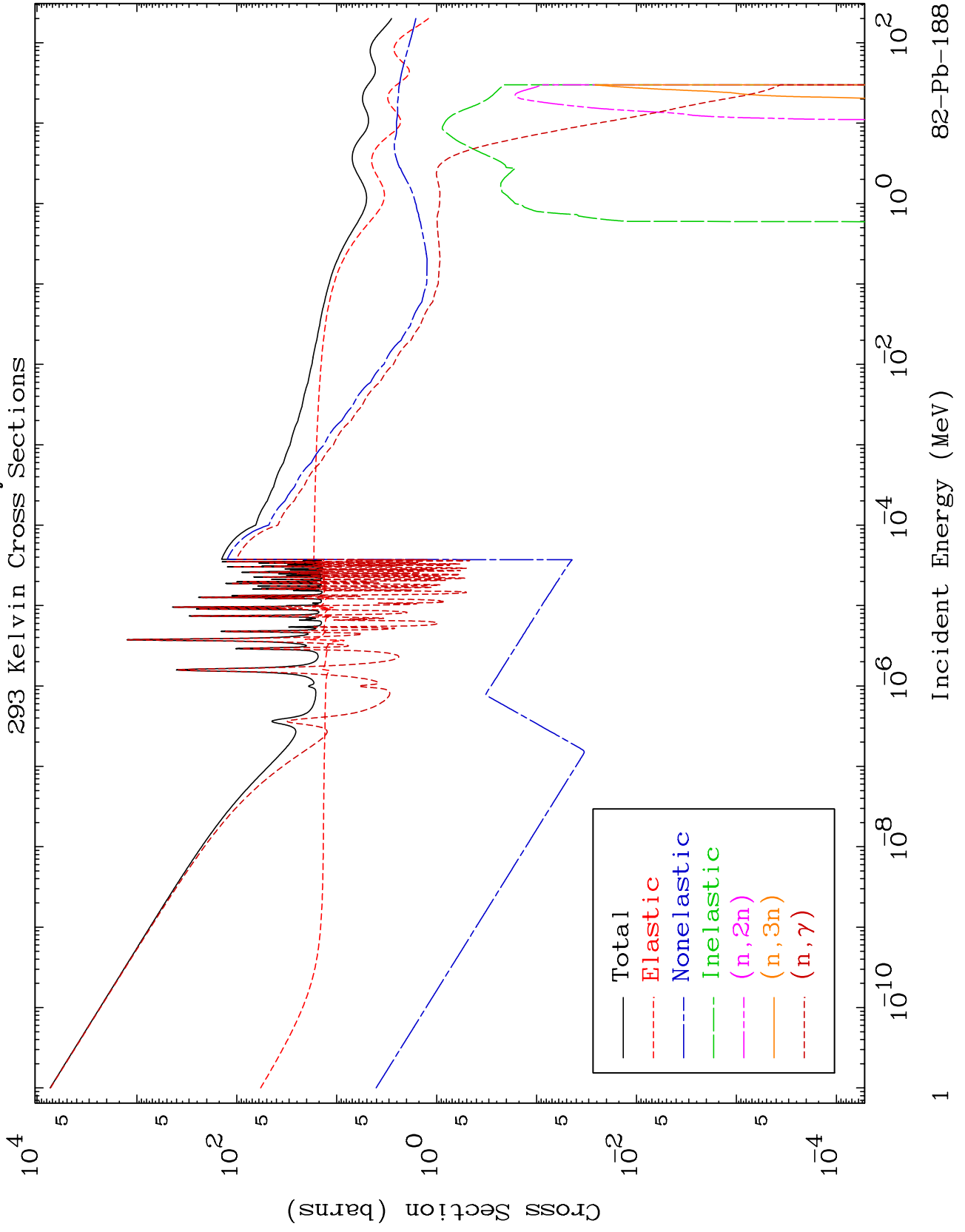
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8177

Neutron Major
293 Kelvin Cross Sections

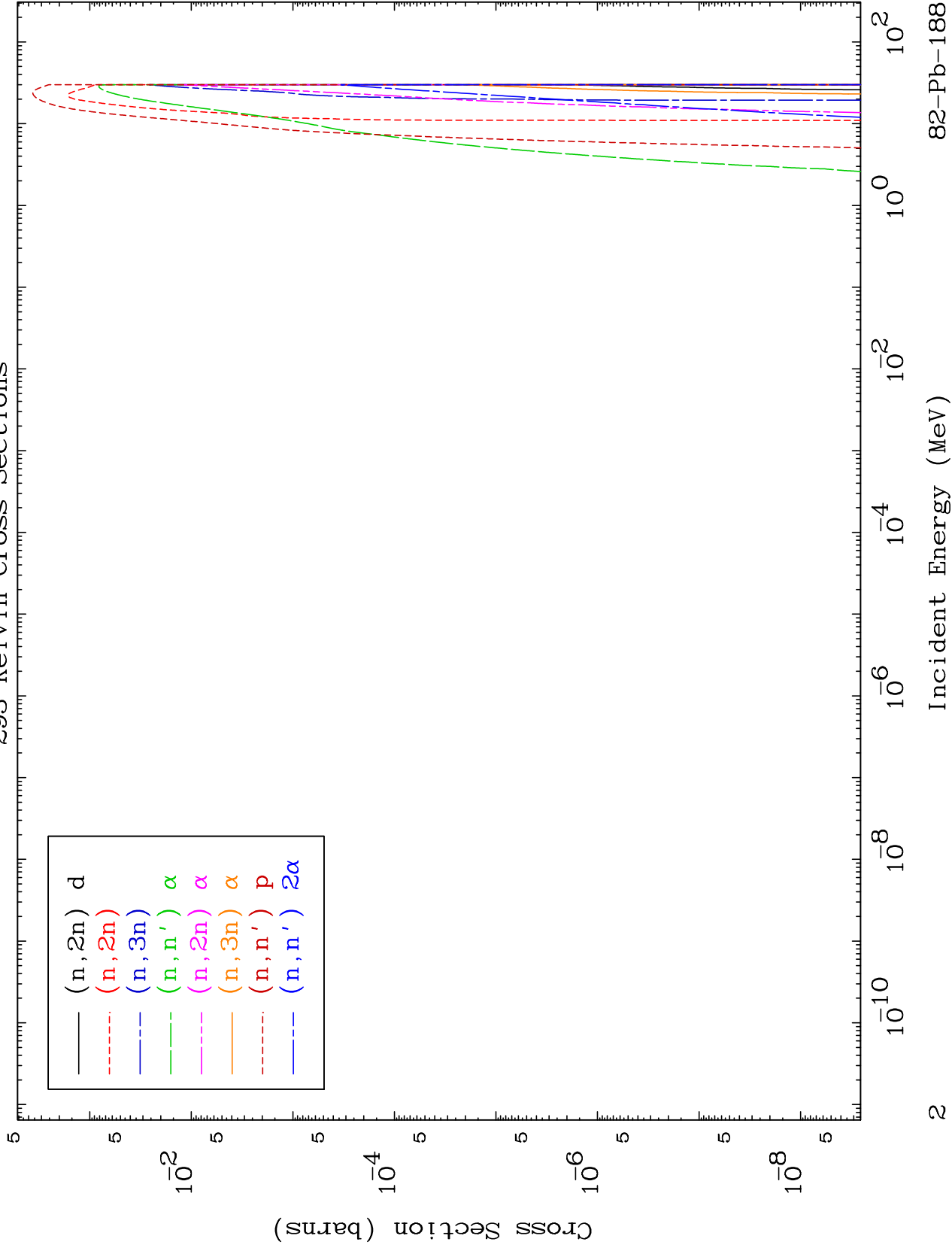
82-Pb-188



MAT 8177

Neutron Absorption
293 Kelvin Cross Sections

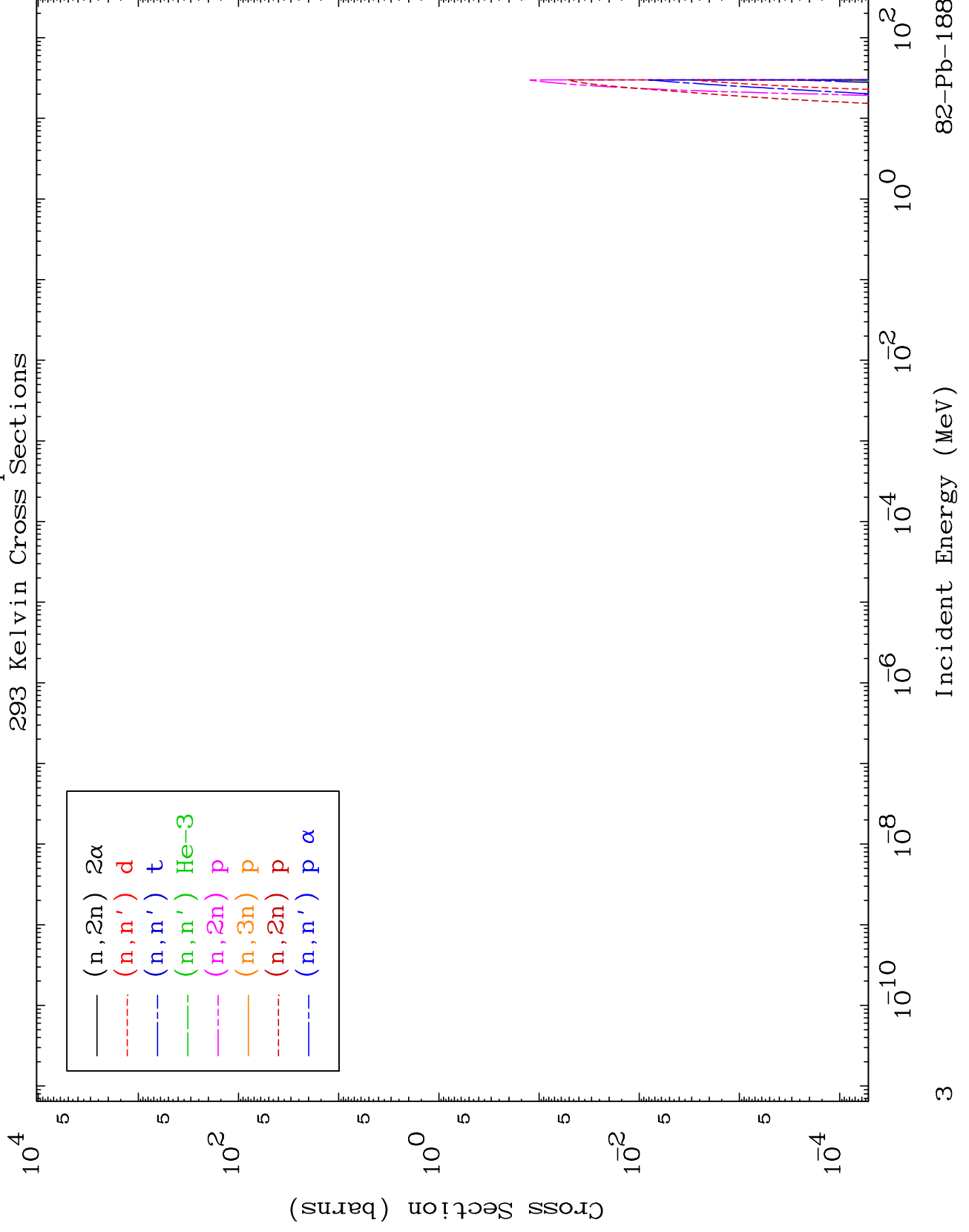
82-Pb-188



MAT 8177

Neutron Absorption
293 Kelvin Cross Sections

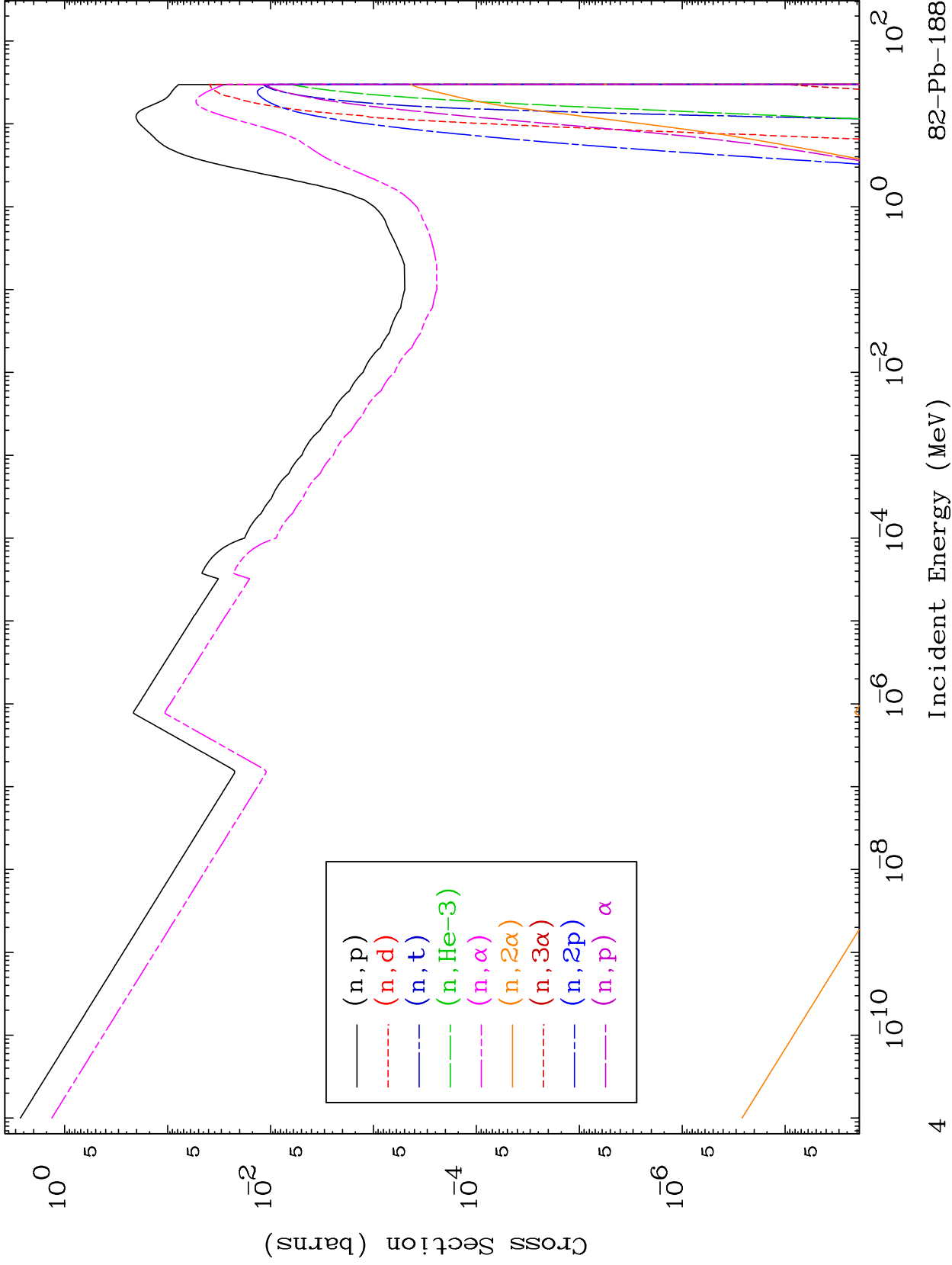
82-Pb-188



MAT 8177

Neutron Absorption
293 Kelvin Cross Sections

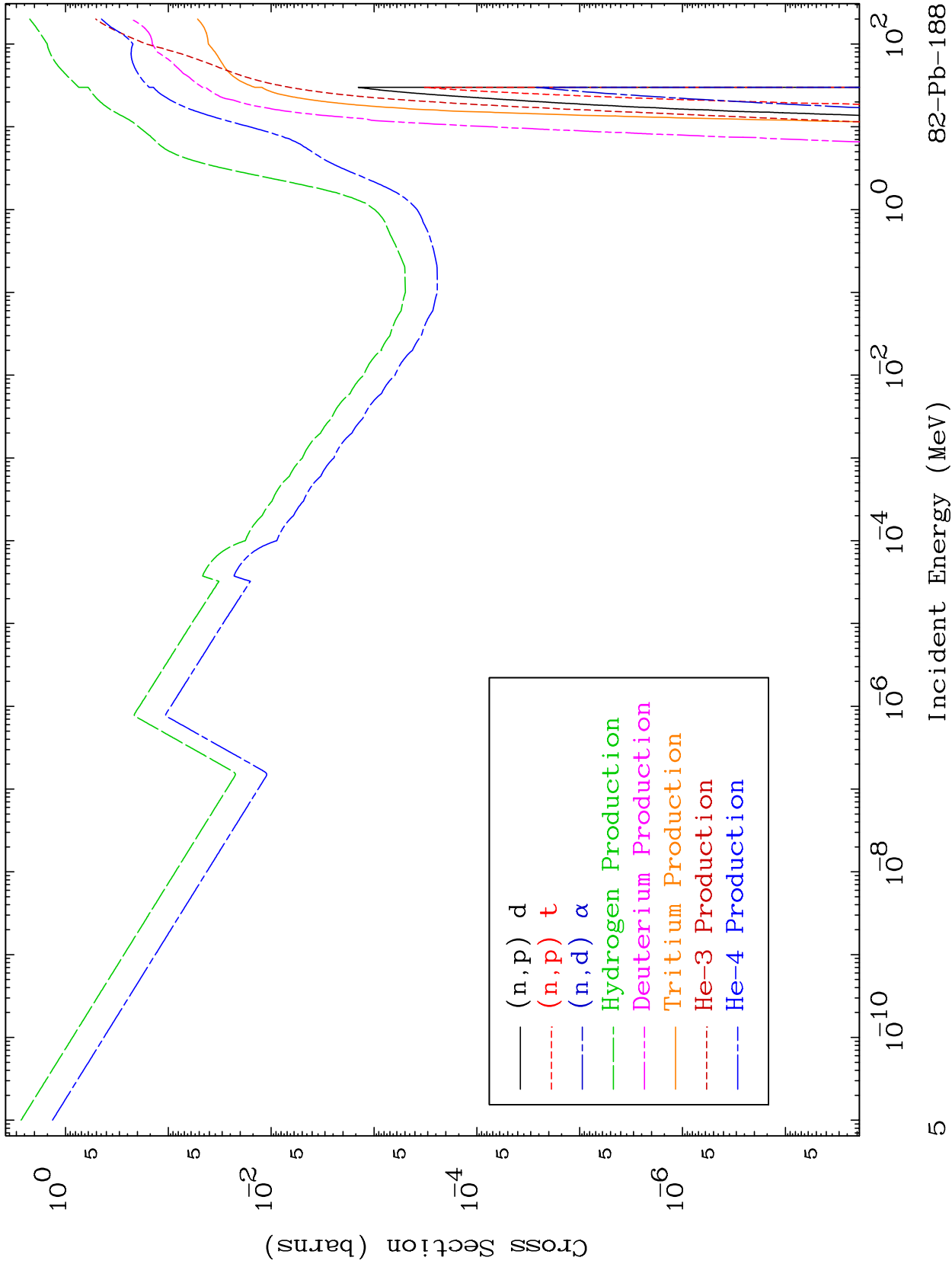
82-Pb-188



MAT 8177

Neutron Absorption
293 Kelvin Cross Sections

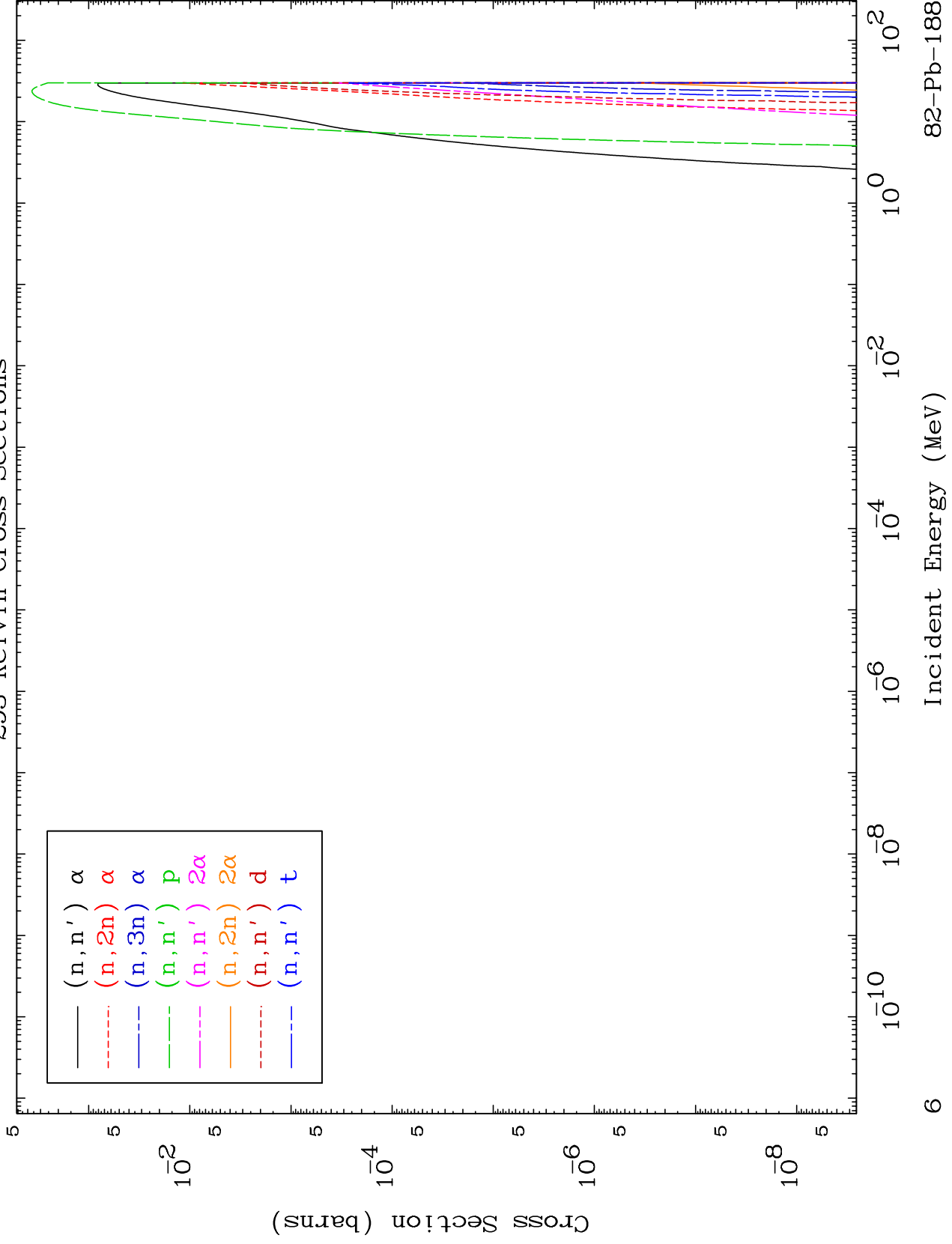
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MAT 8177

Charged Particle
293 Kelvin Cross Sections

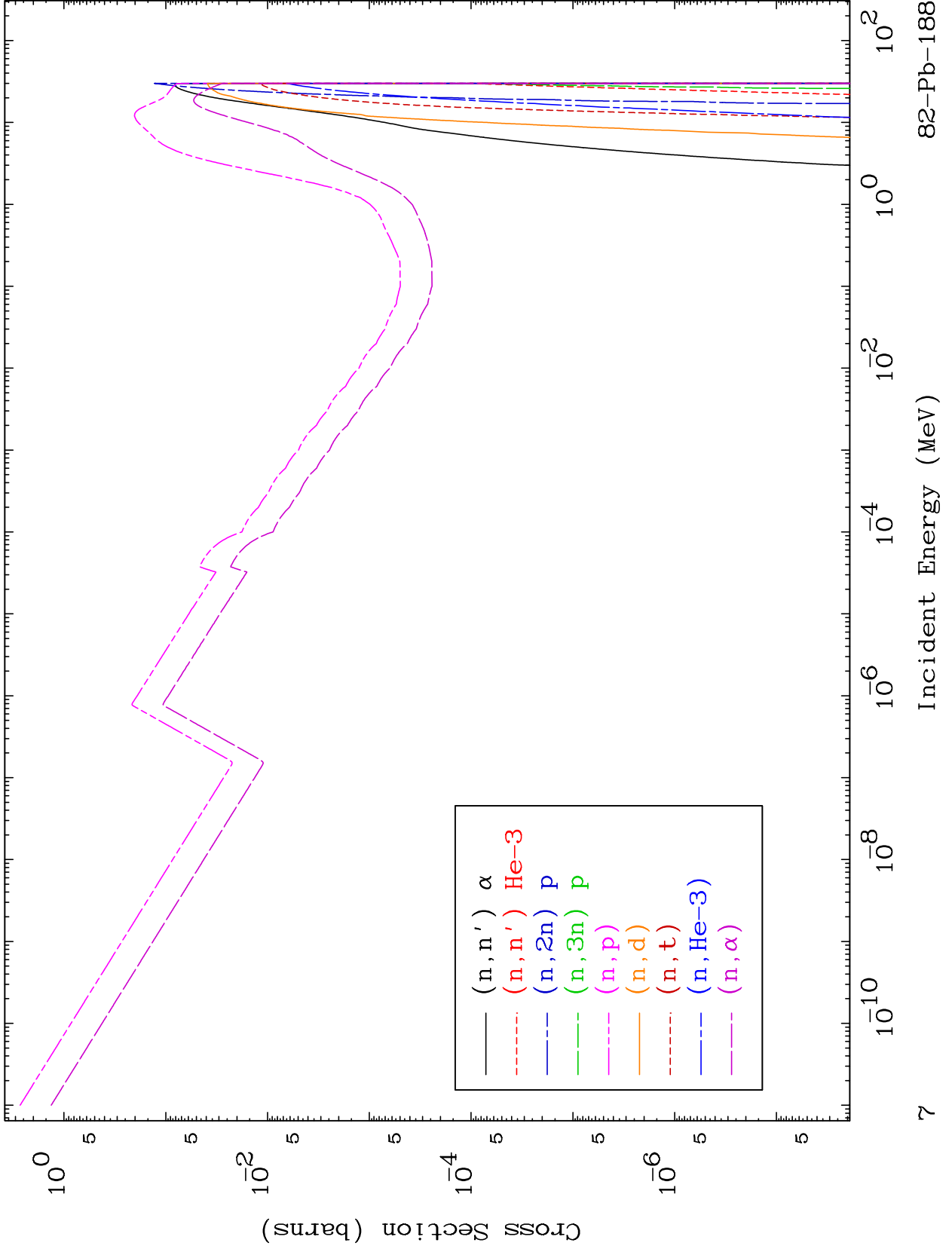
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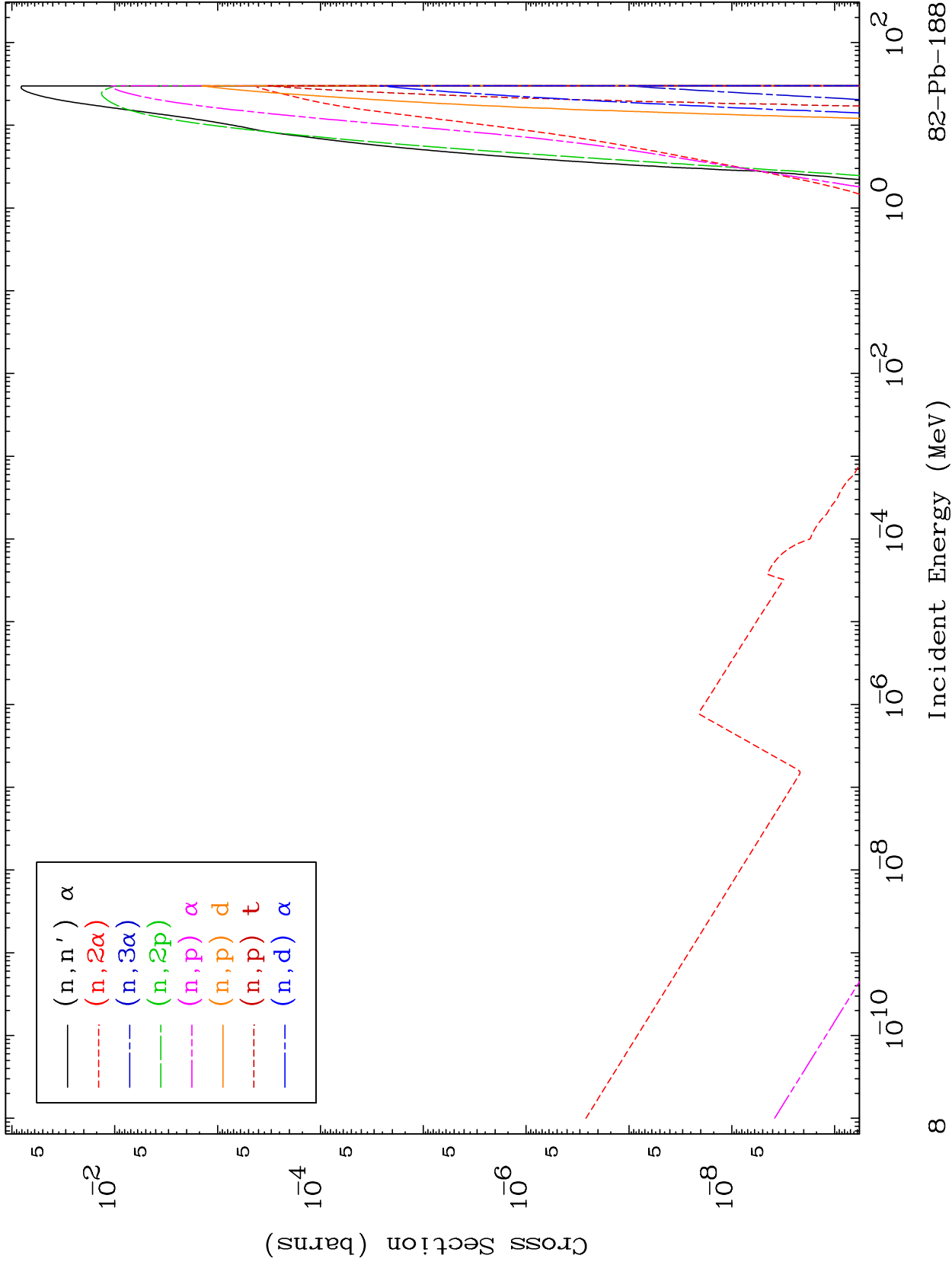


MAT 81777

Charged Particle
293 Kelvin Cross Sections

82-Pb-188

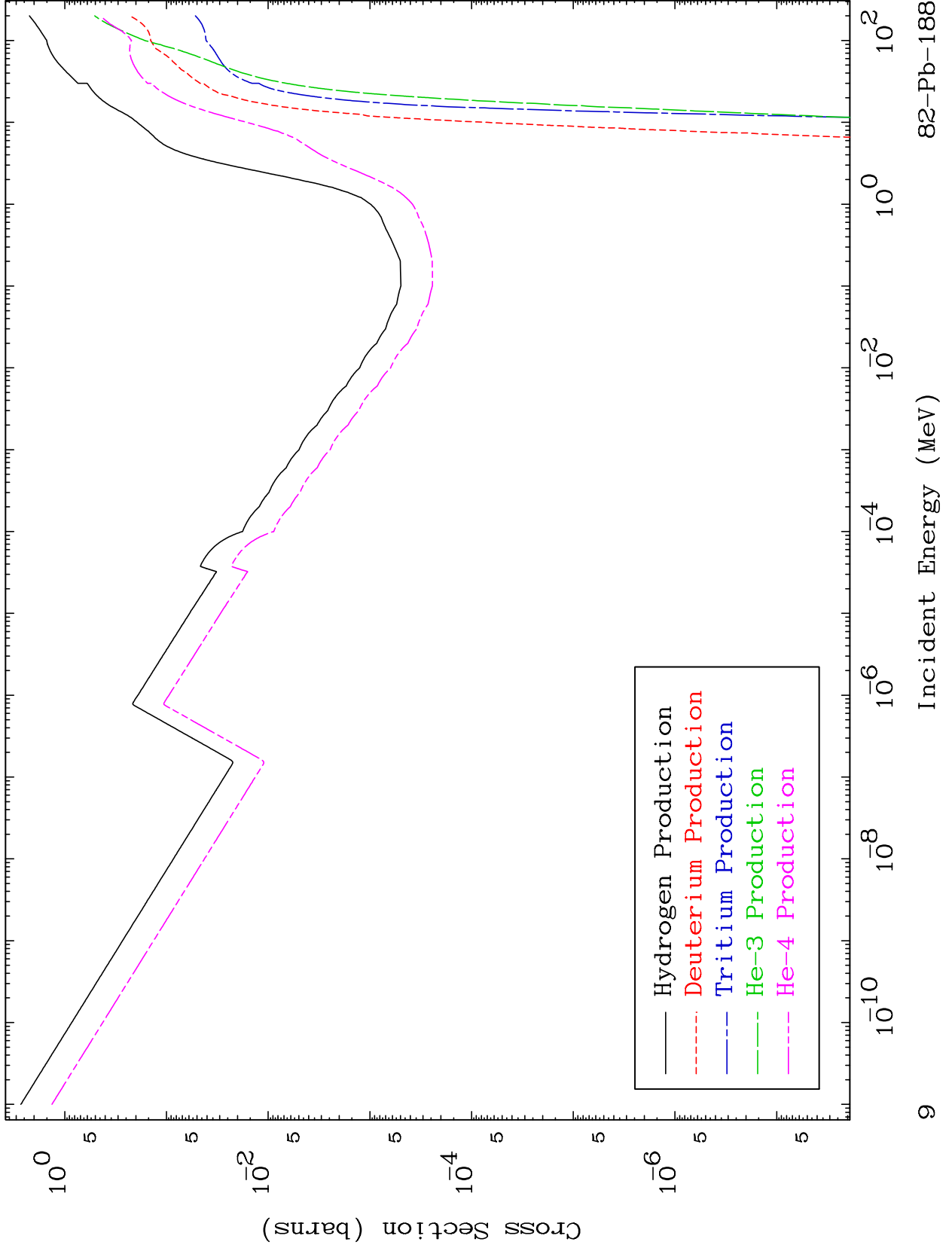




MAT 8177

Particle Production
293 Kelvin Cross Sections

82-Pb-188

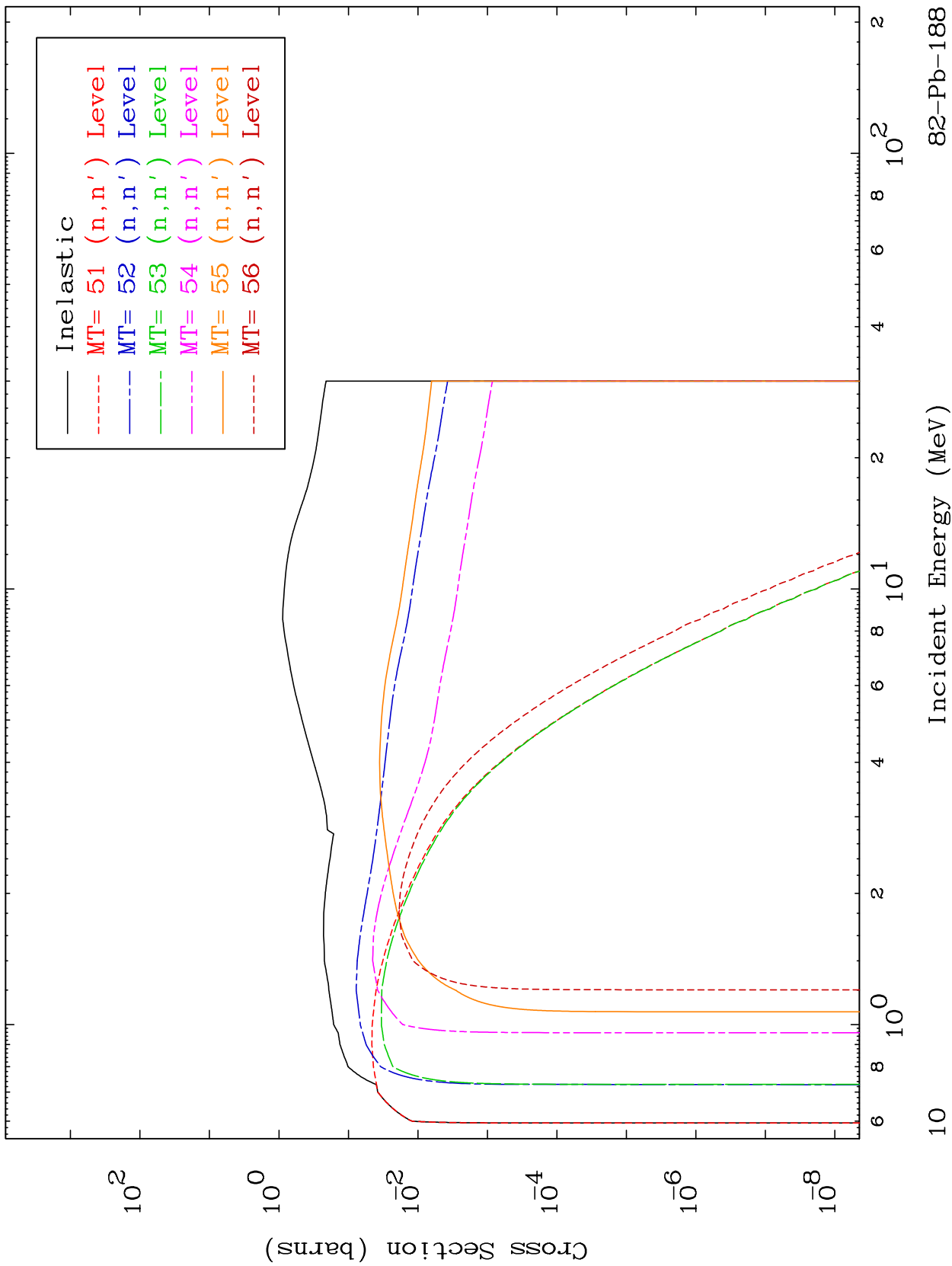


MAT 8177

(n,n') Levels

82-Pb-188

293 Kelvin Cross Sections

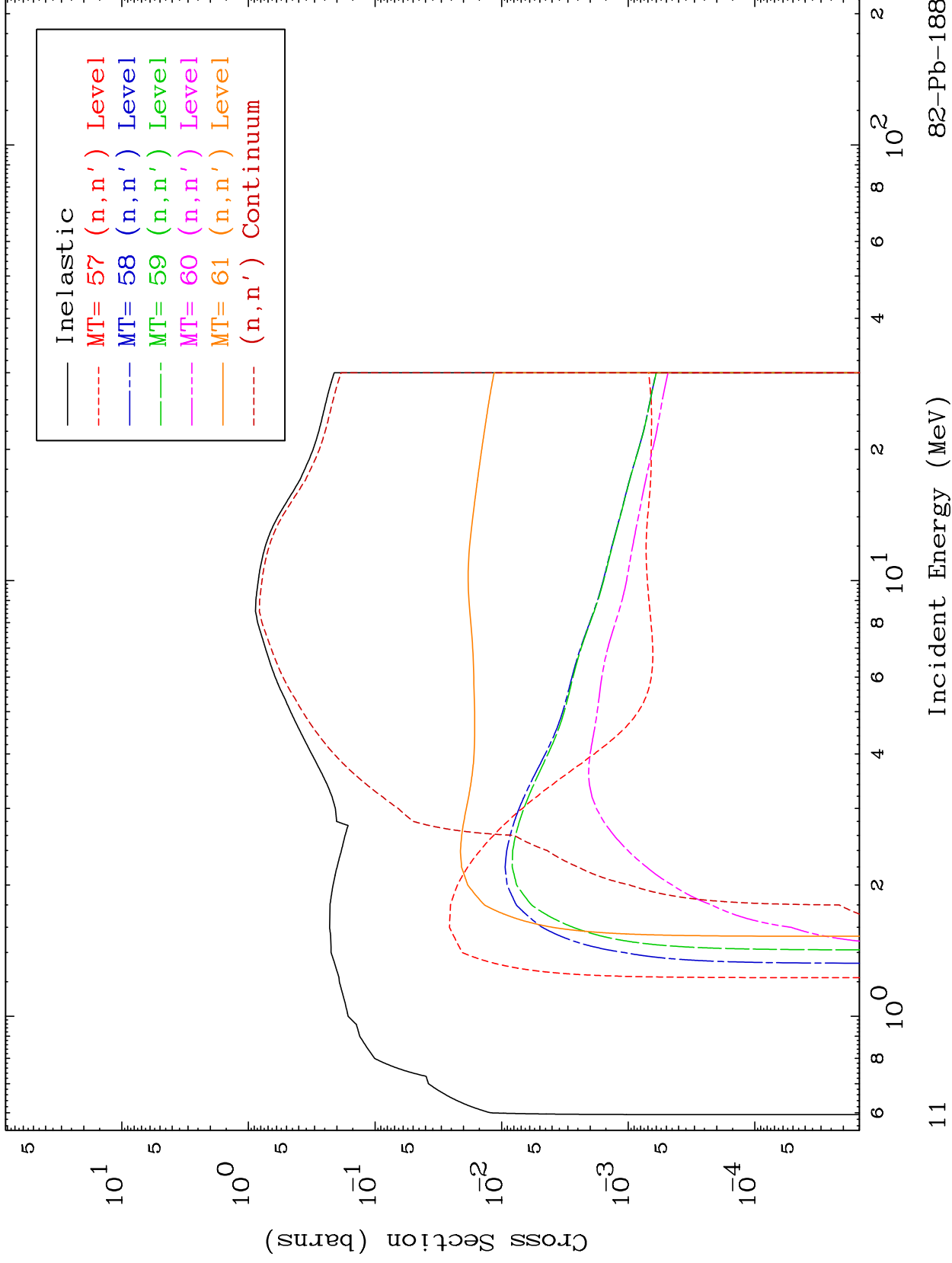


10

Incident Energy (MeV)

82-Pb-188

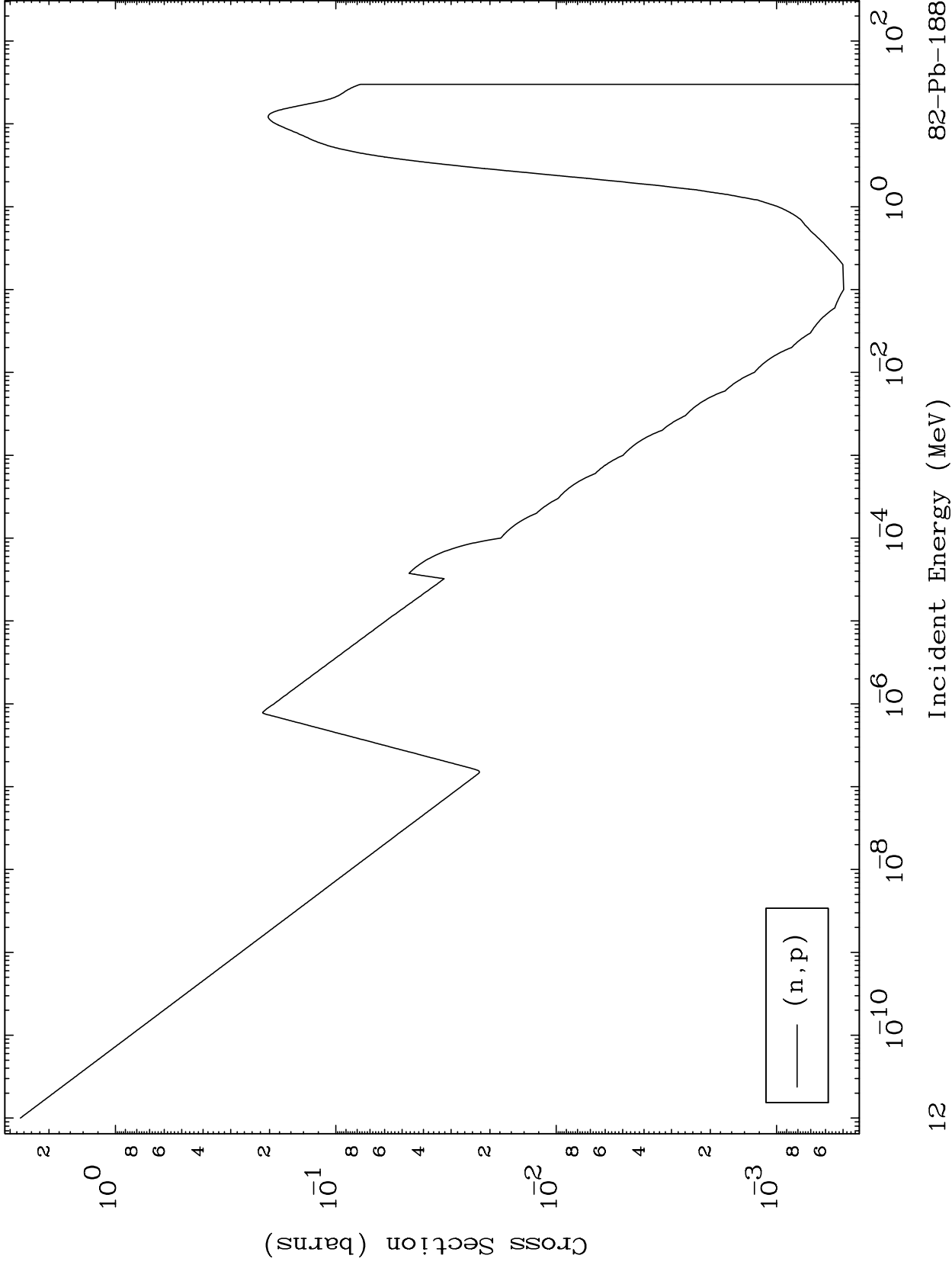
293 Kelvin Cross Sections



MAT 8177

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-188

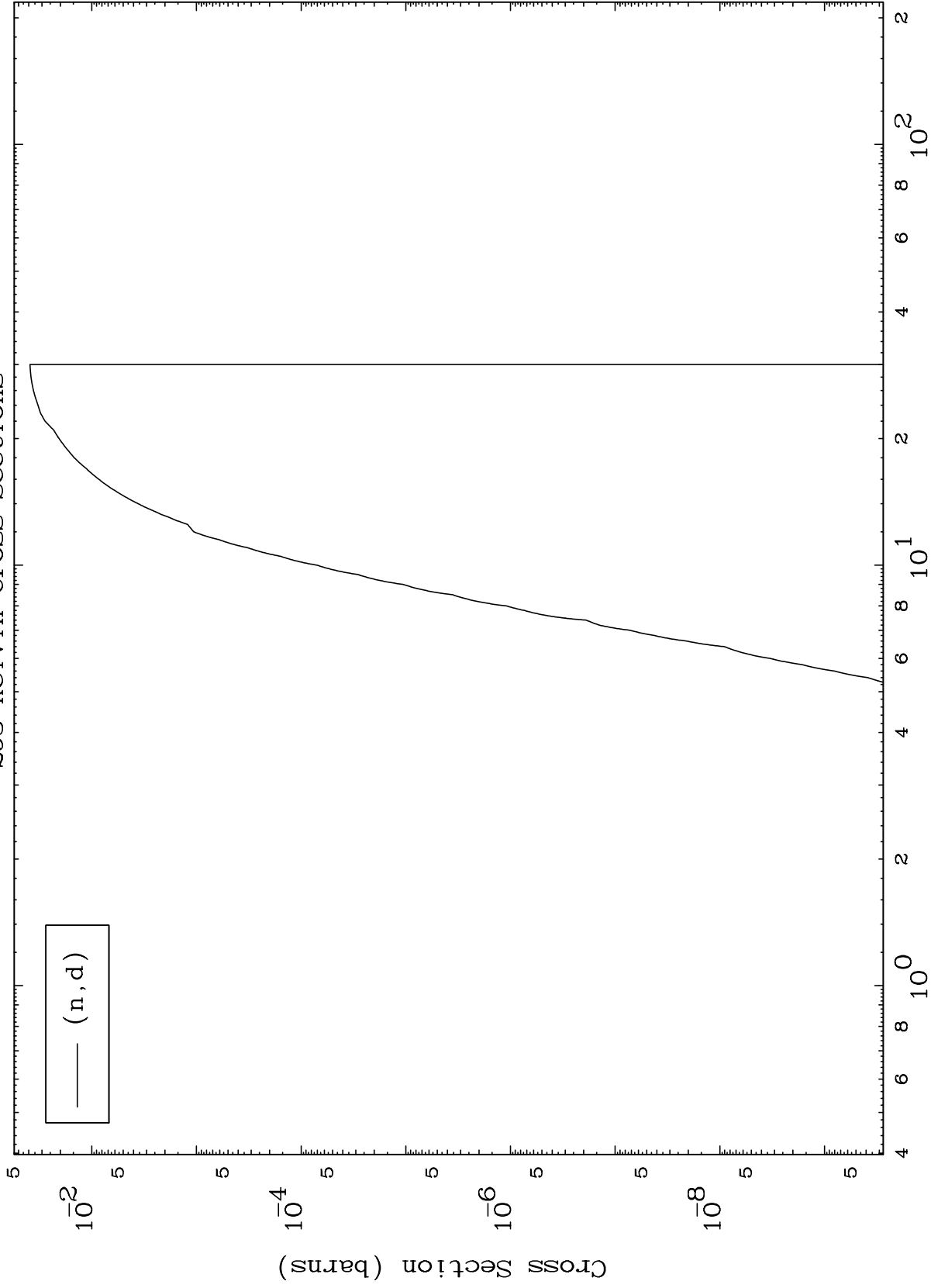


MAT 8177

(n,d) Levels

82-Pb-188

293 Kelvin Cross Sections



(n,d)

Incident Energy (MeV)

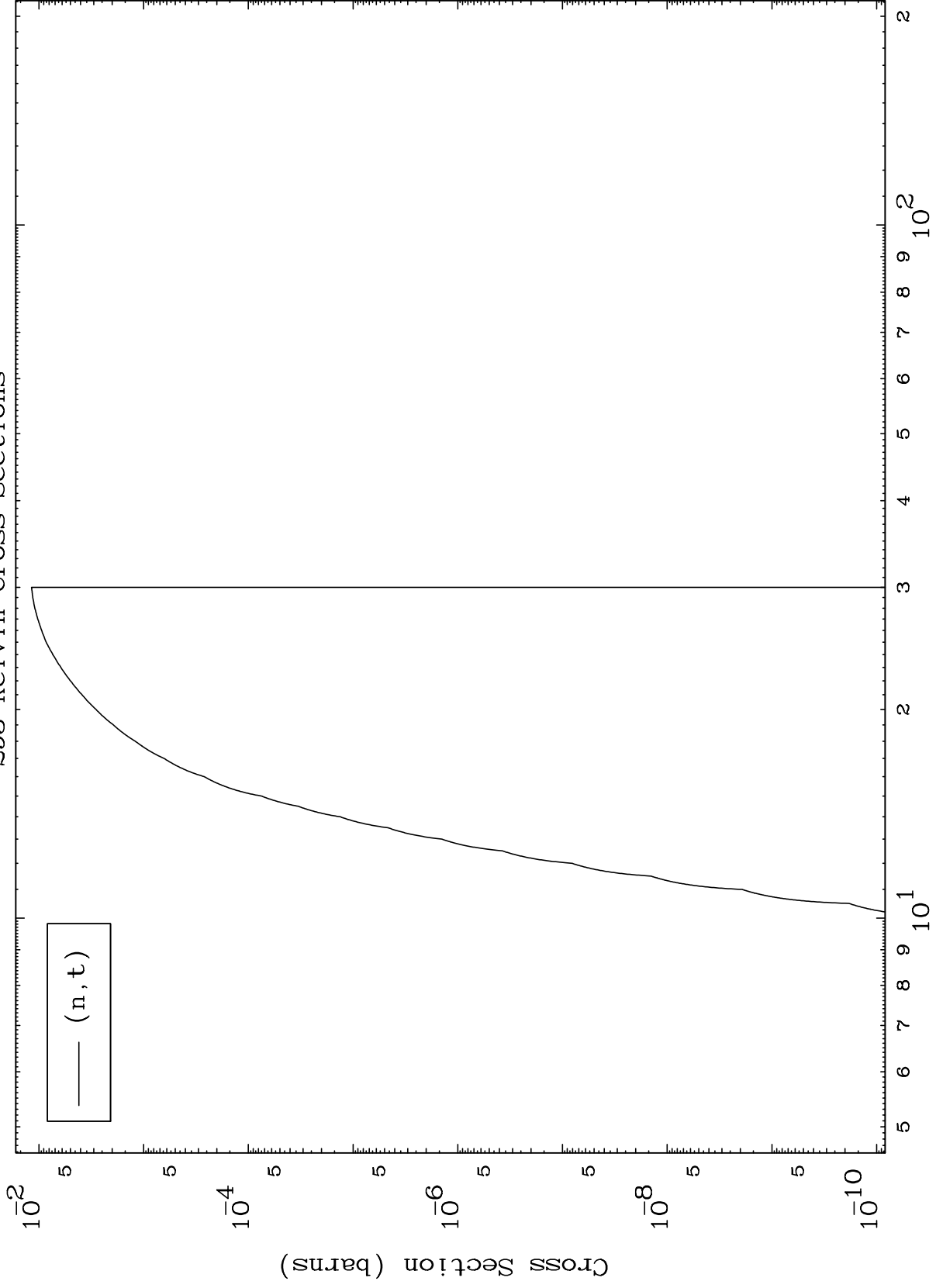
82-Pb-188

13

MAT 8177

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-188



14

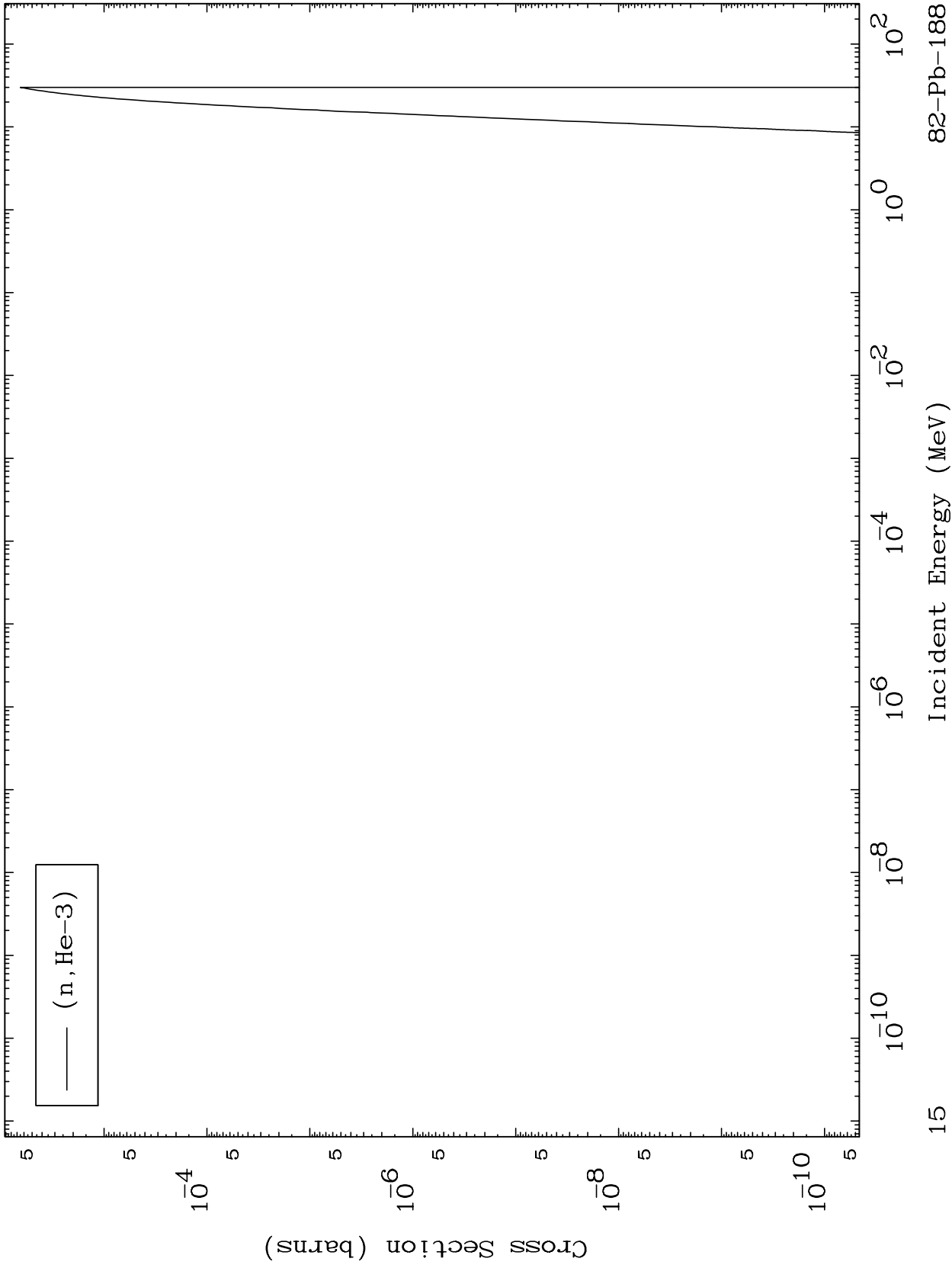
Incident Energy (MeV)

82-Pb-188

MAT 8177

(n,He3) Levels
293 Kelvin Cross Sections

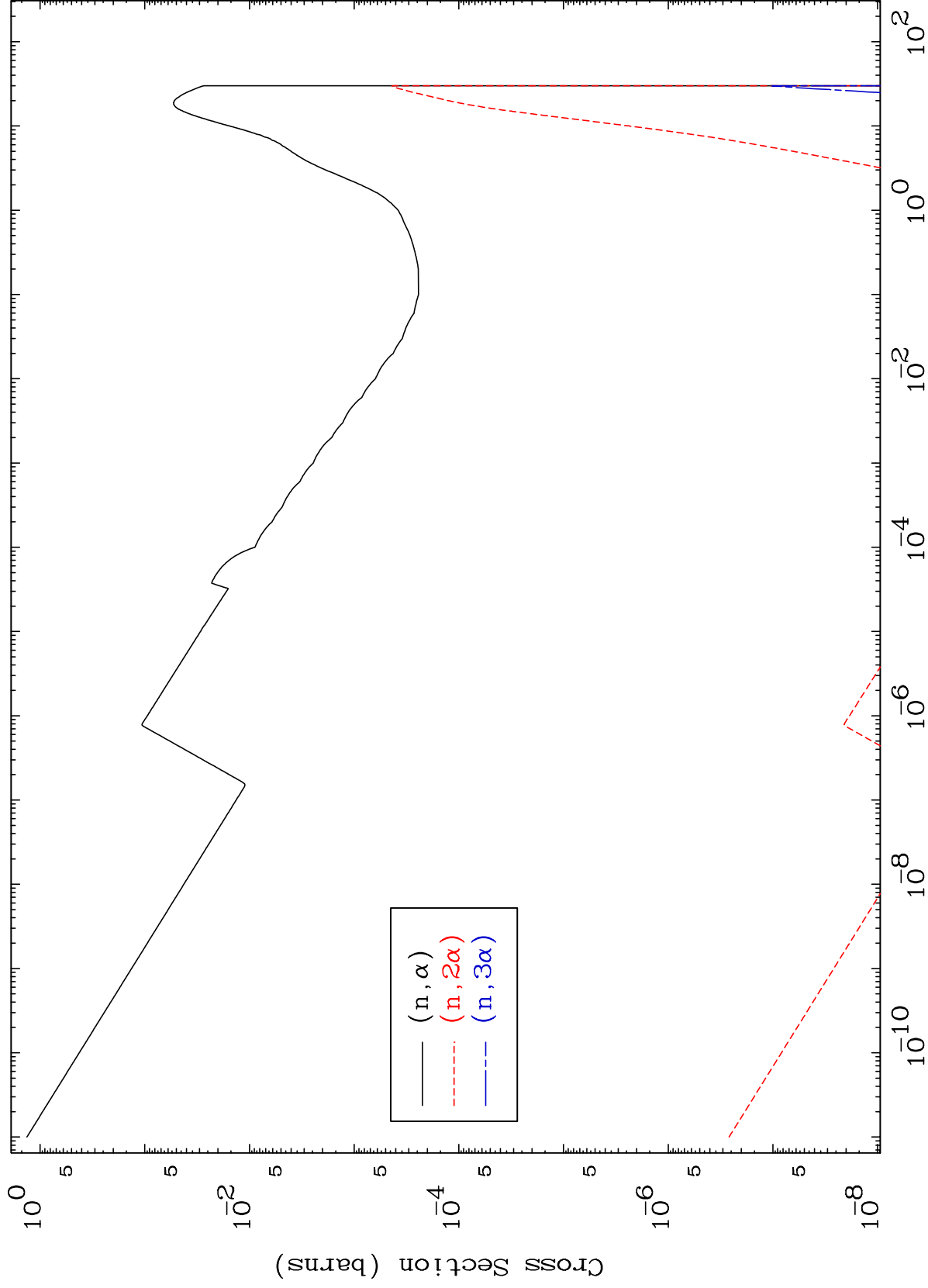
82-Pb-188



MAT 8177

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-188



16

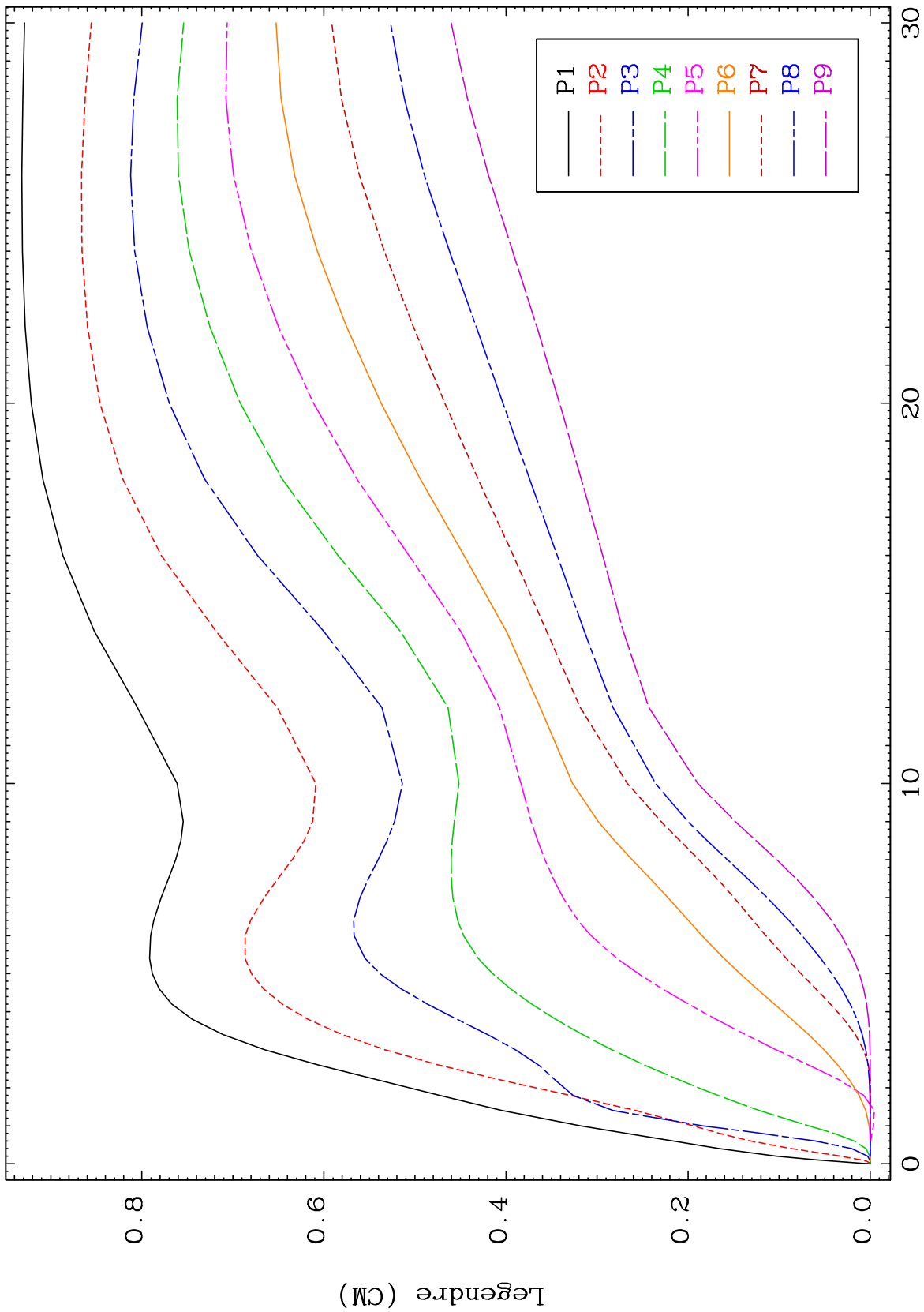
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

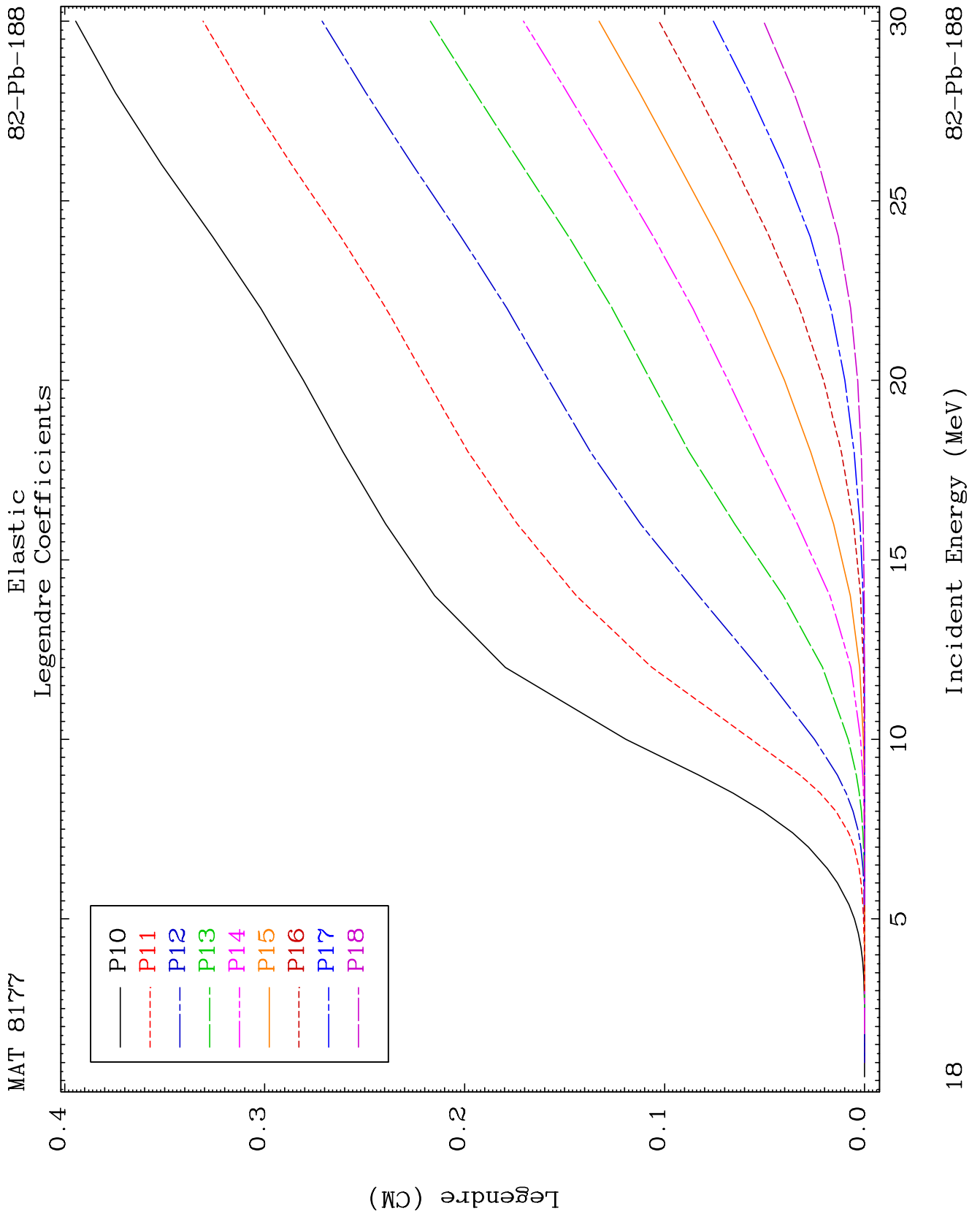
Elastic Legendre Coefficients

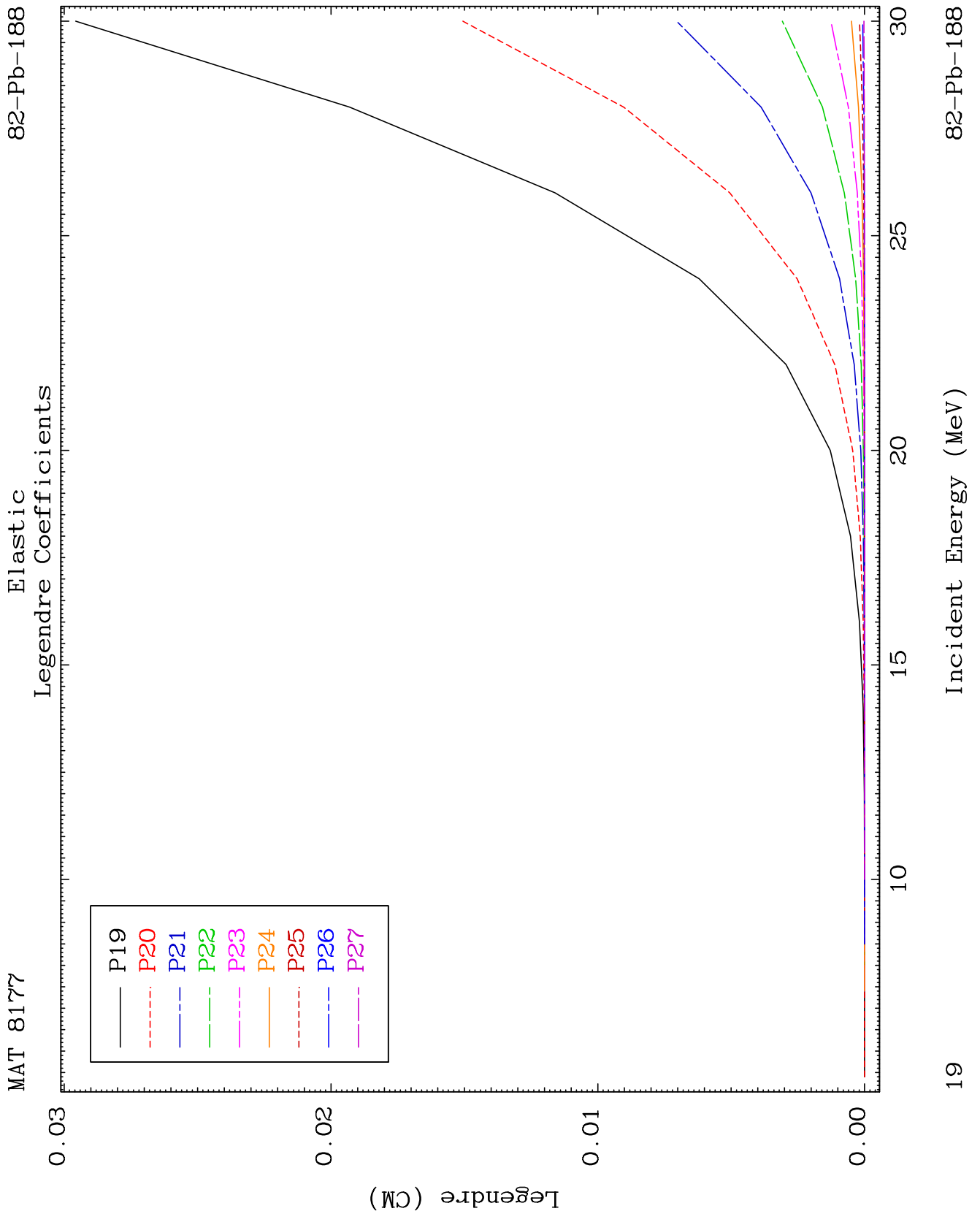


17

Incident Energy (MeV)

82-Pb-188

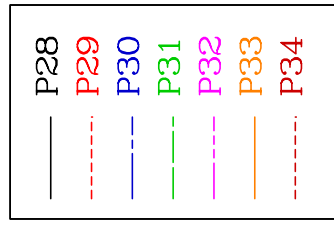




MAT 8177

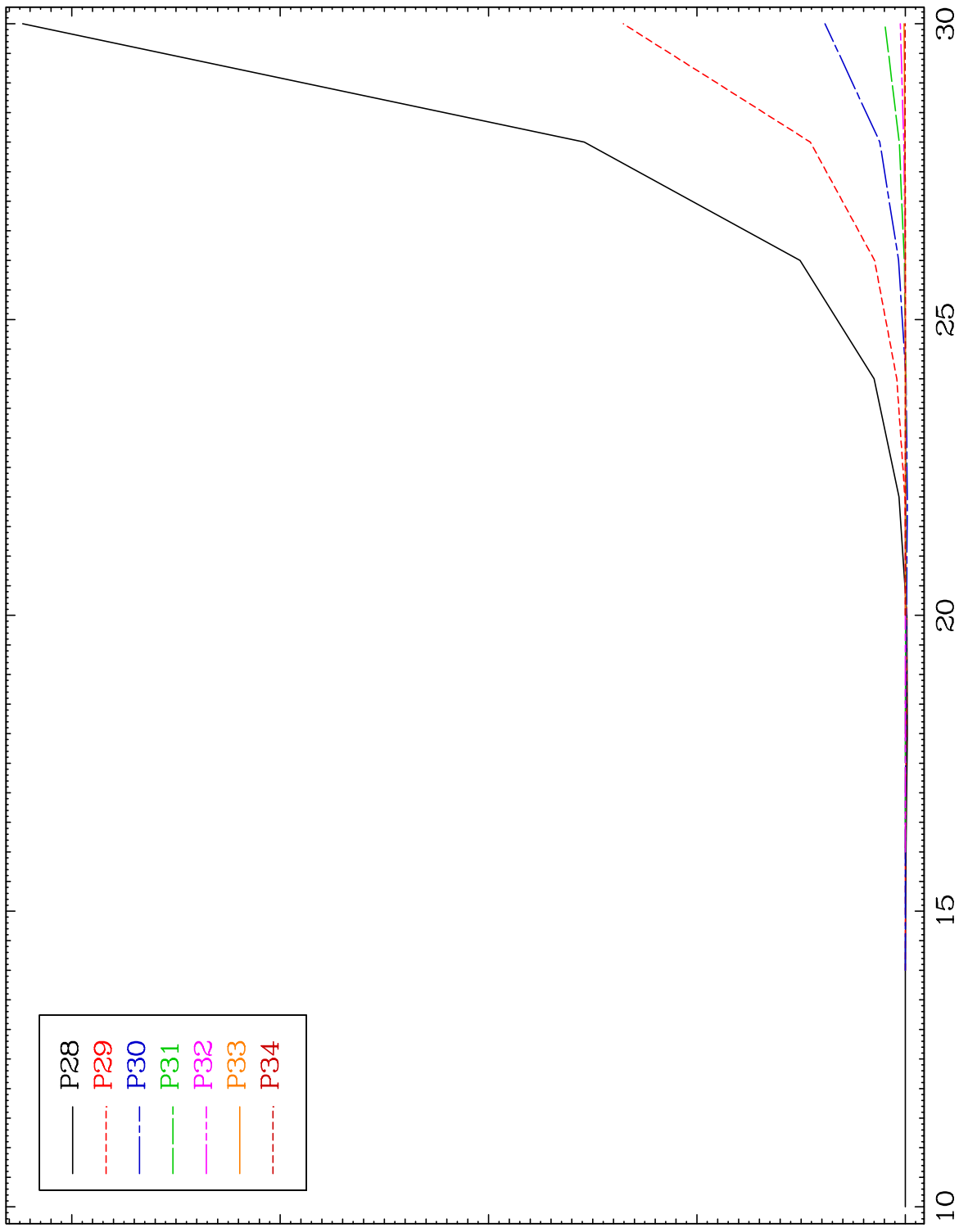
Elastic
Legendre Coefficients

82-Pb-188



$\times 10^{-6}$

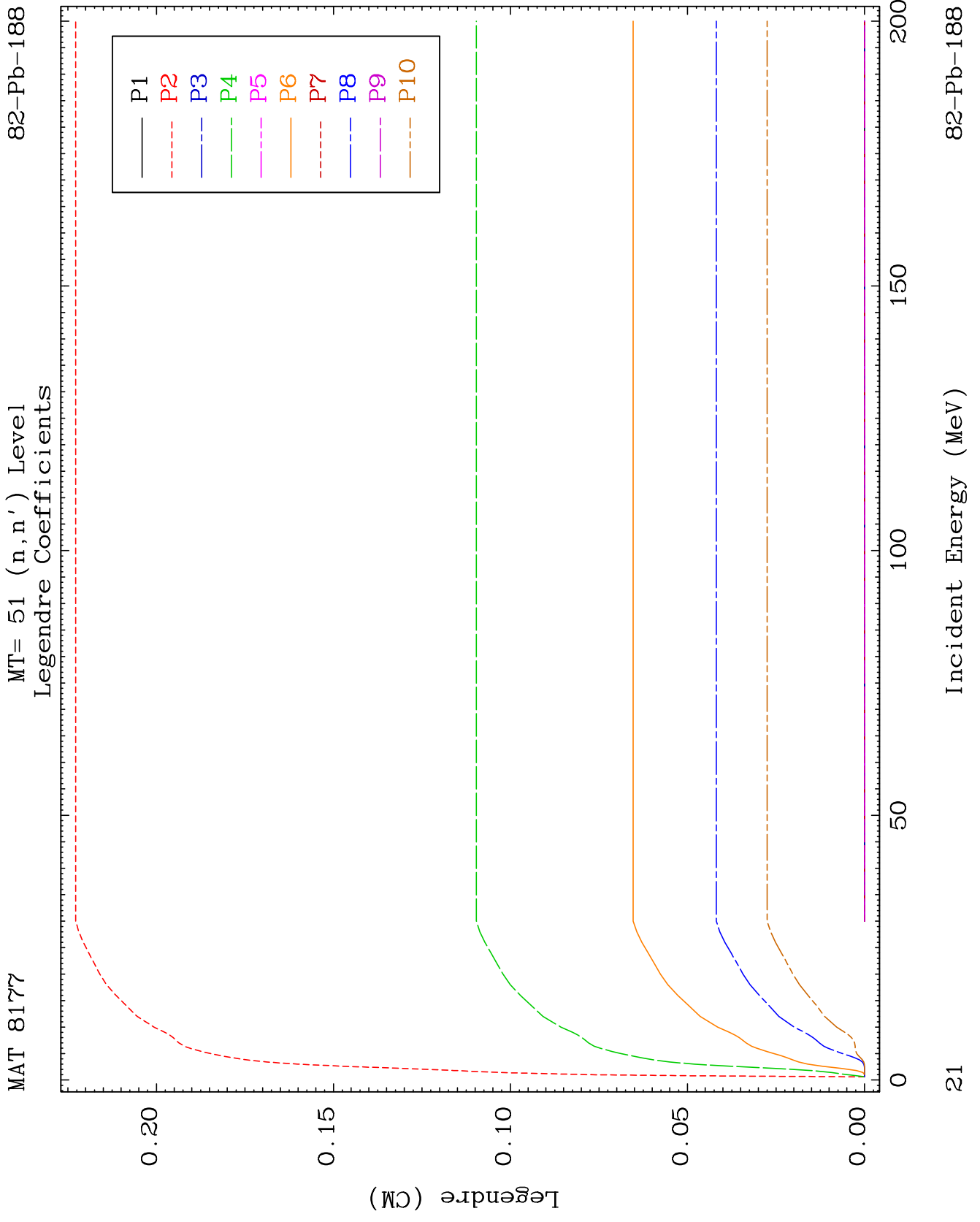
Legendre (CM)



20

Incident Energy (MeV)

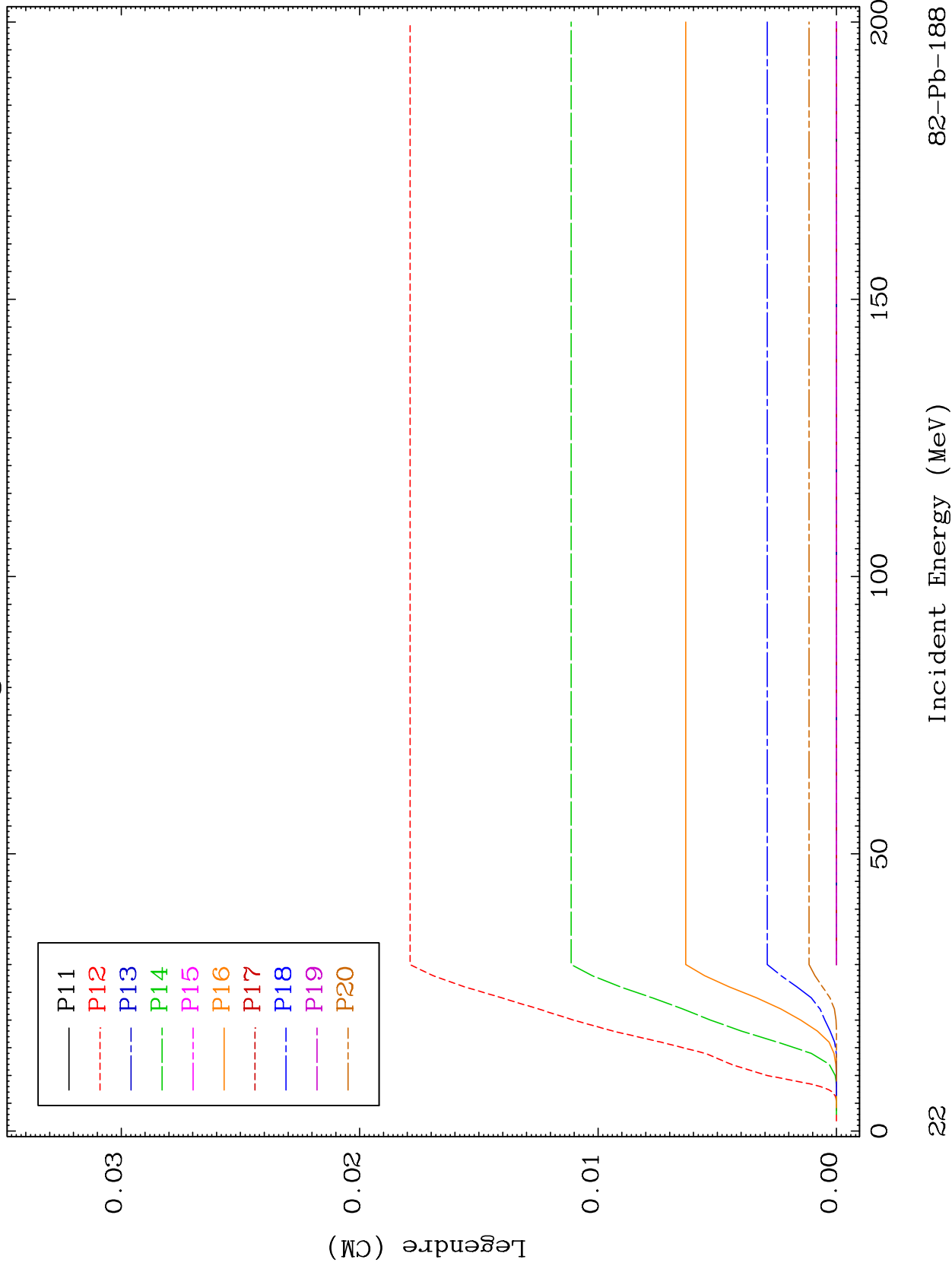
82-Pb-188



MAT 8177

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

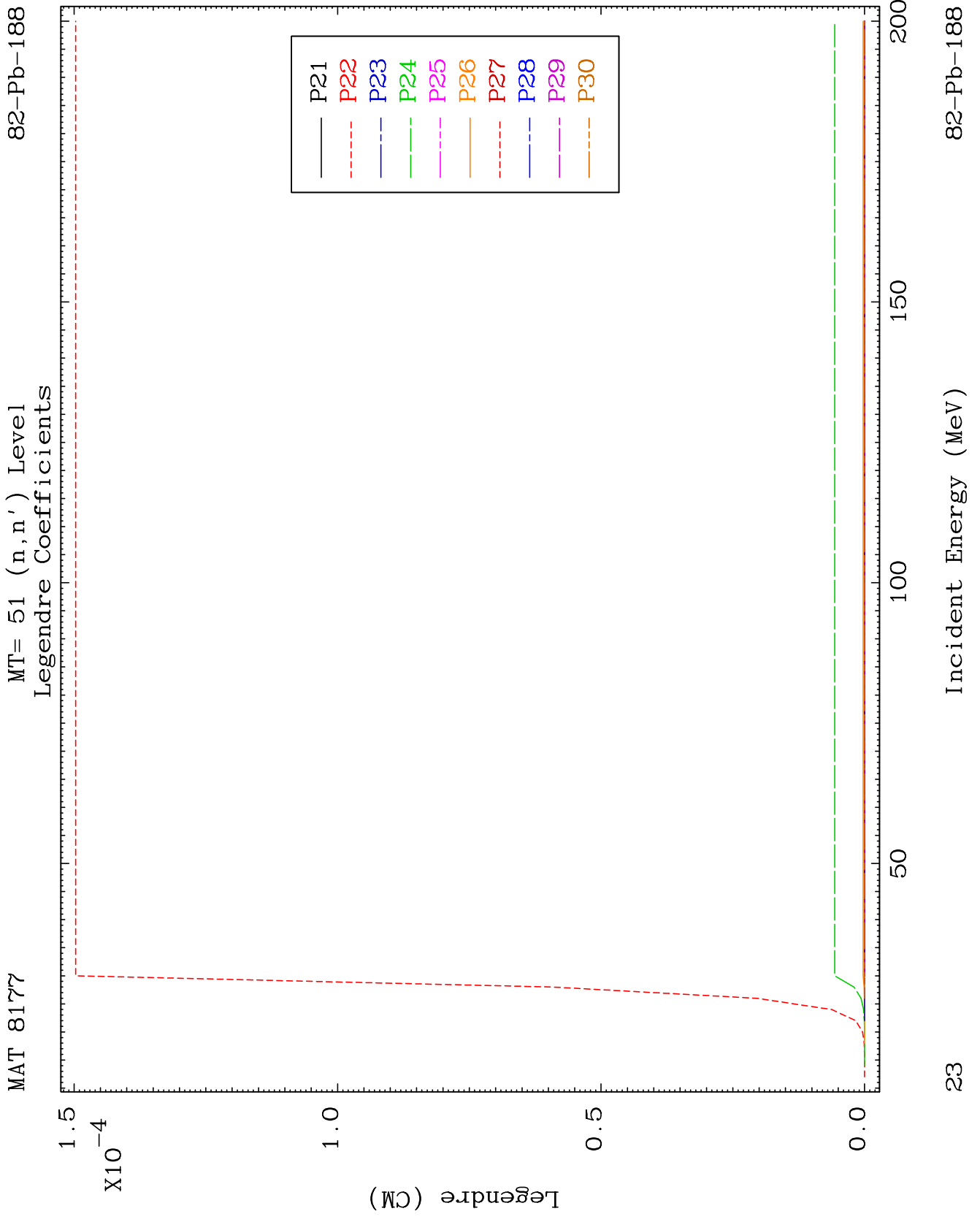
82-Pb-188



22

Incident Energy (MeV)

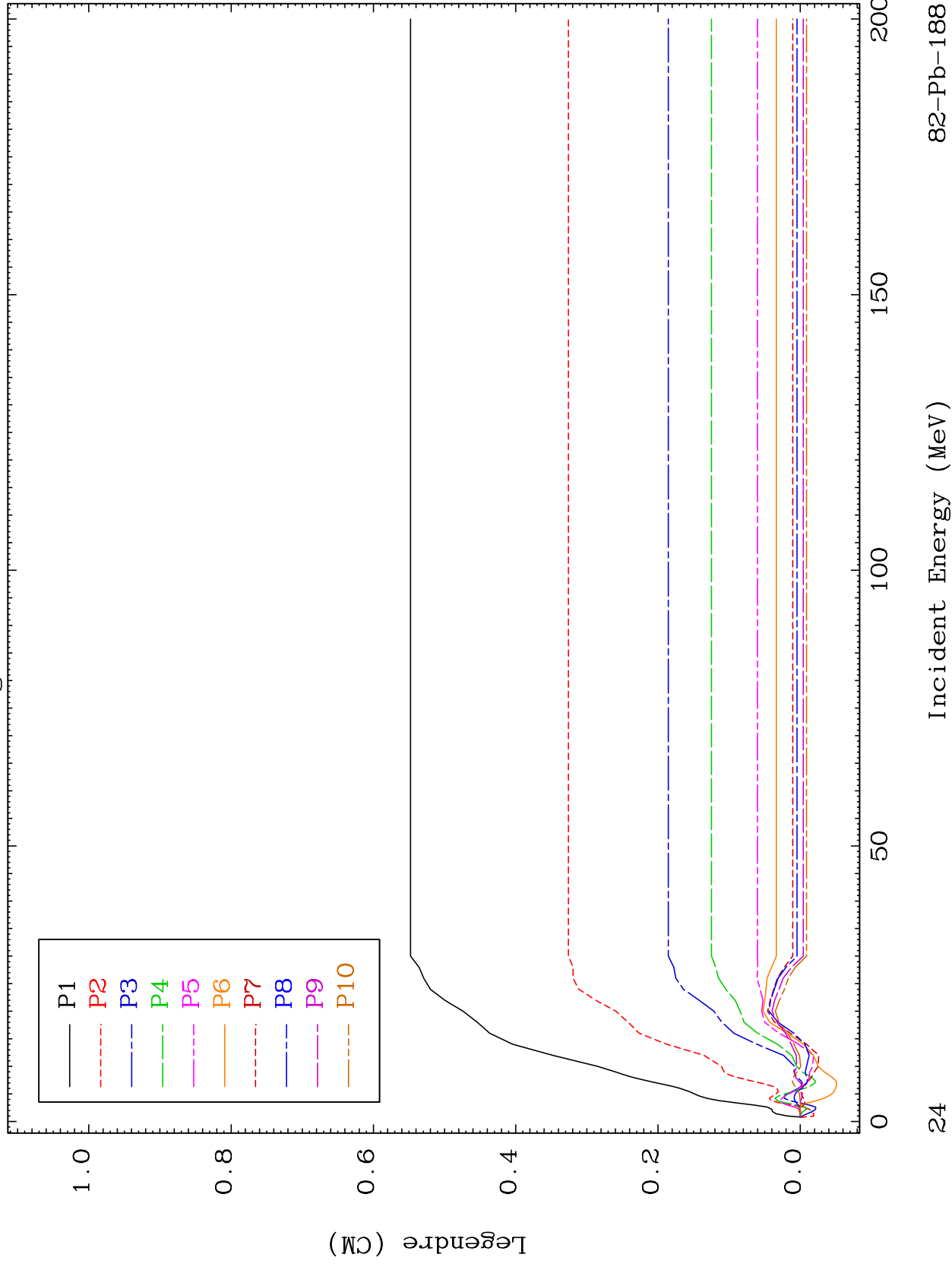
82-Pb-188



MAT 8177

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

82-Pb-188



24

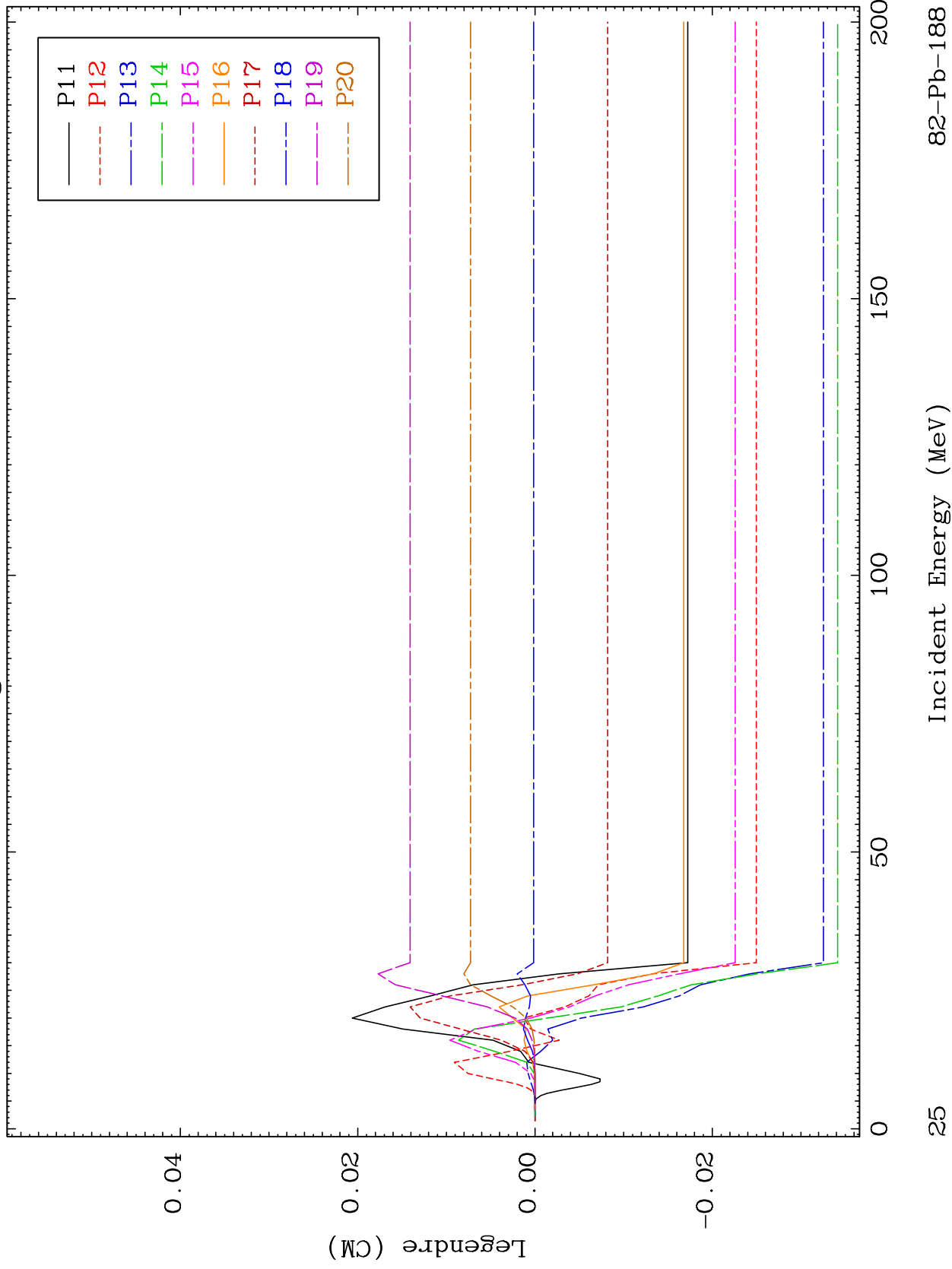
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



82-Pb-188

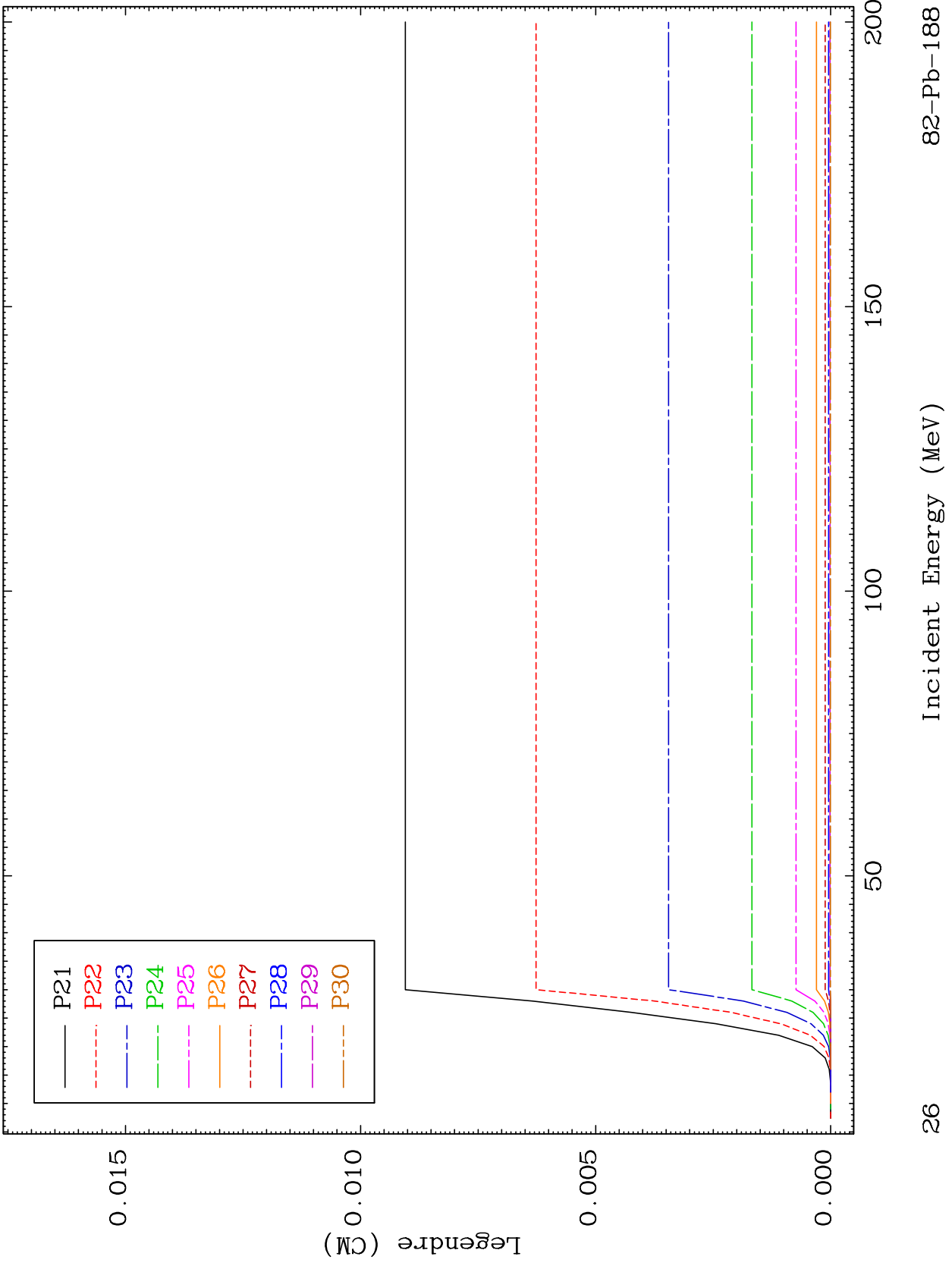
Incident Energy (MeV)

25

MAT 8177

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

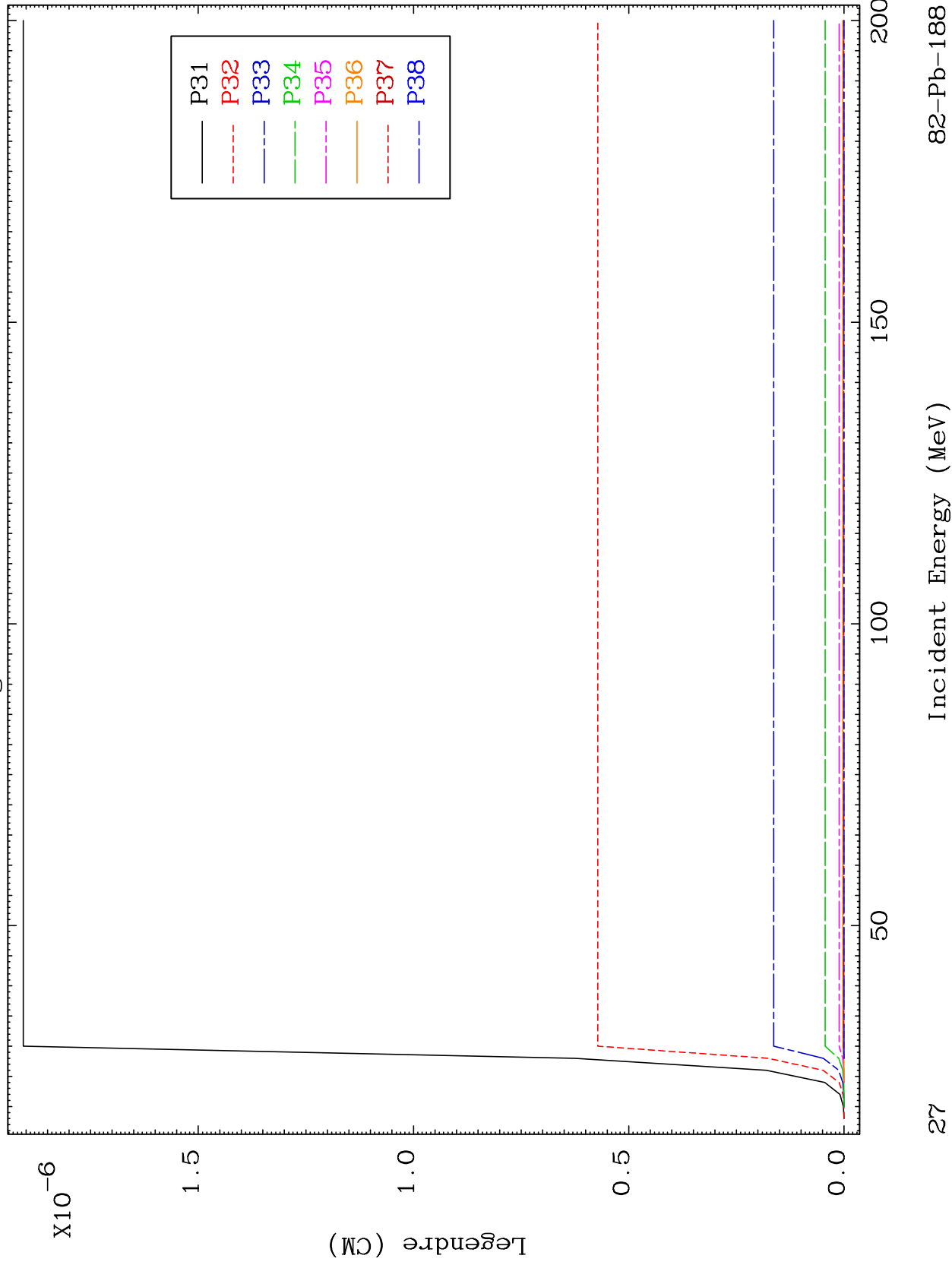
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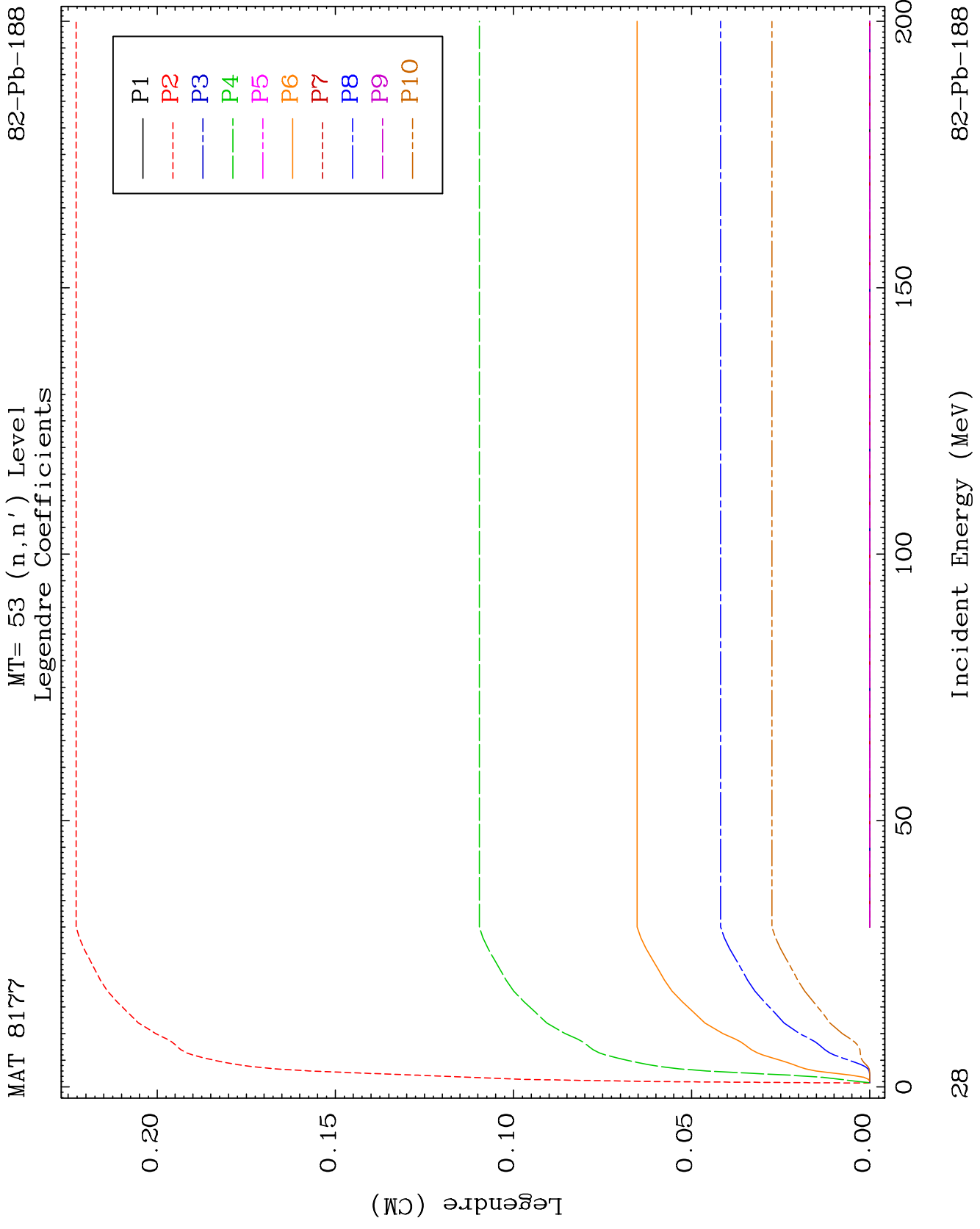


MAT 8177

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

82-Pb-188

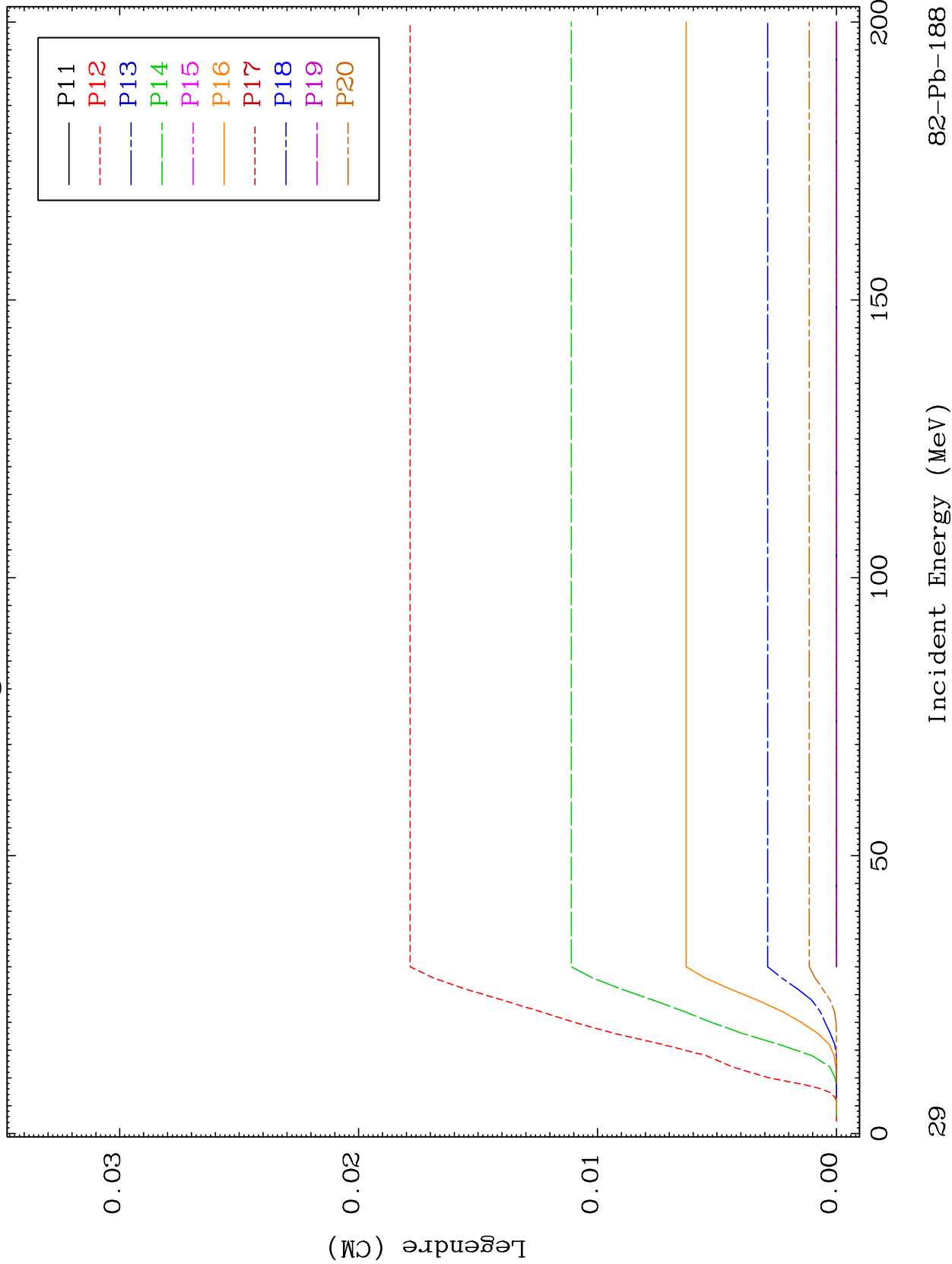




MAT 8177

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

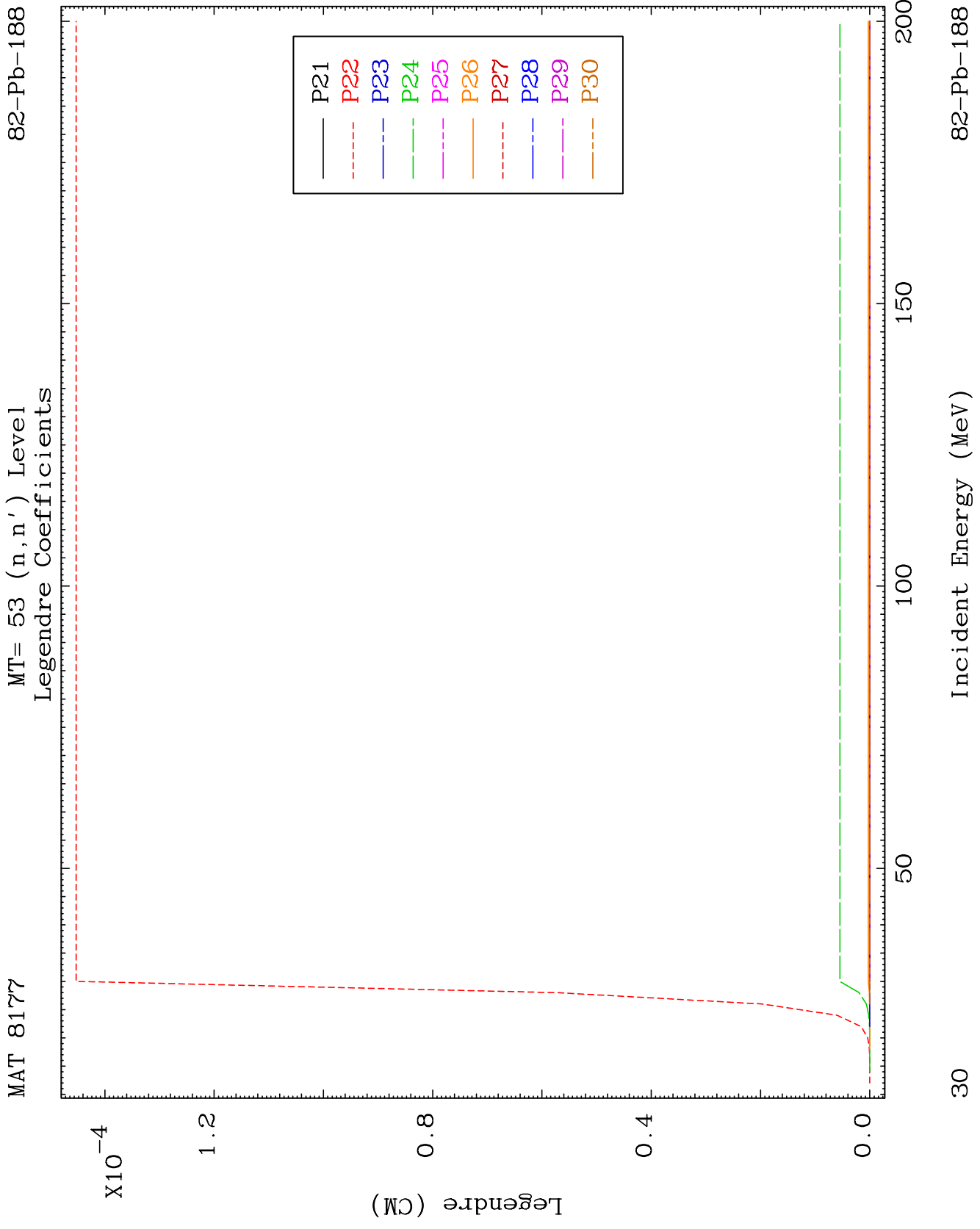
82-Pb-188



29

Incident Energy (MeV)

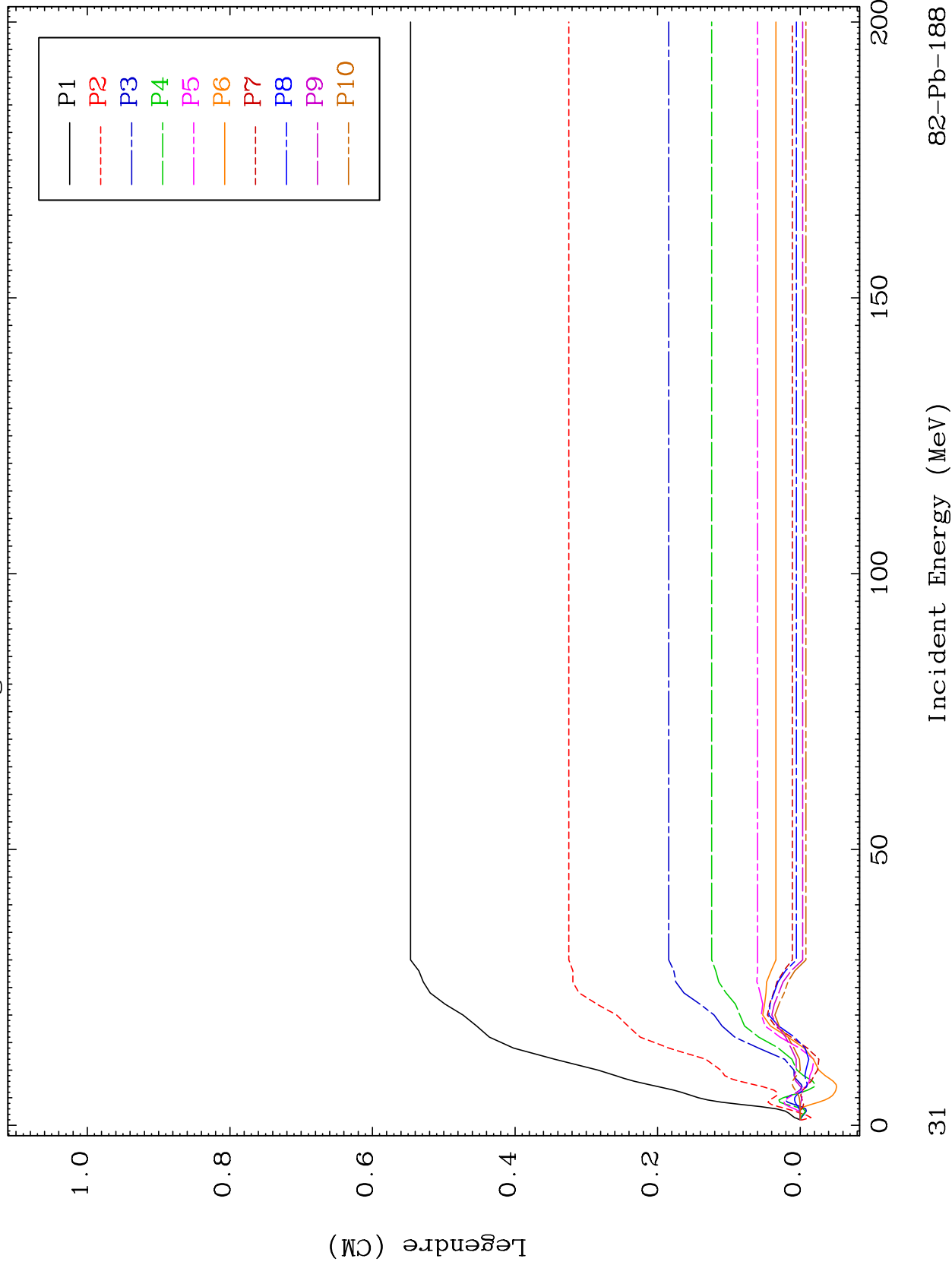
82-Pb-188



MAT 8177

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

82-Pb-188



31

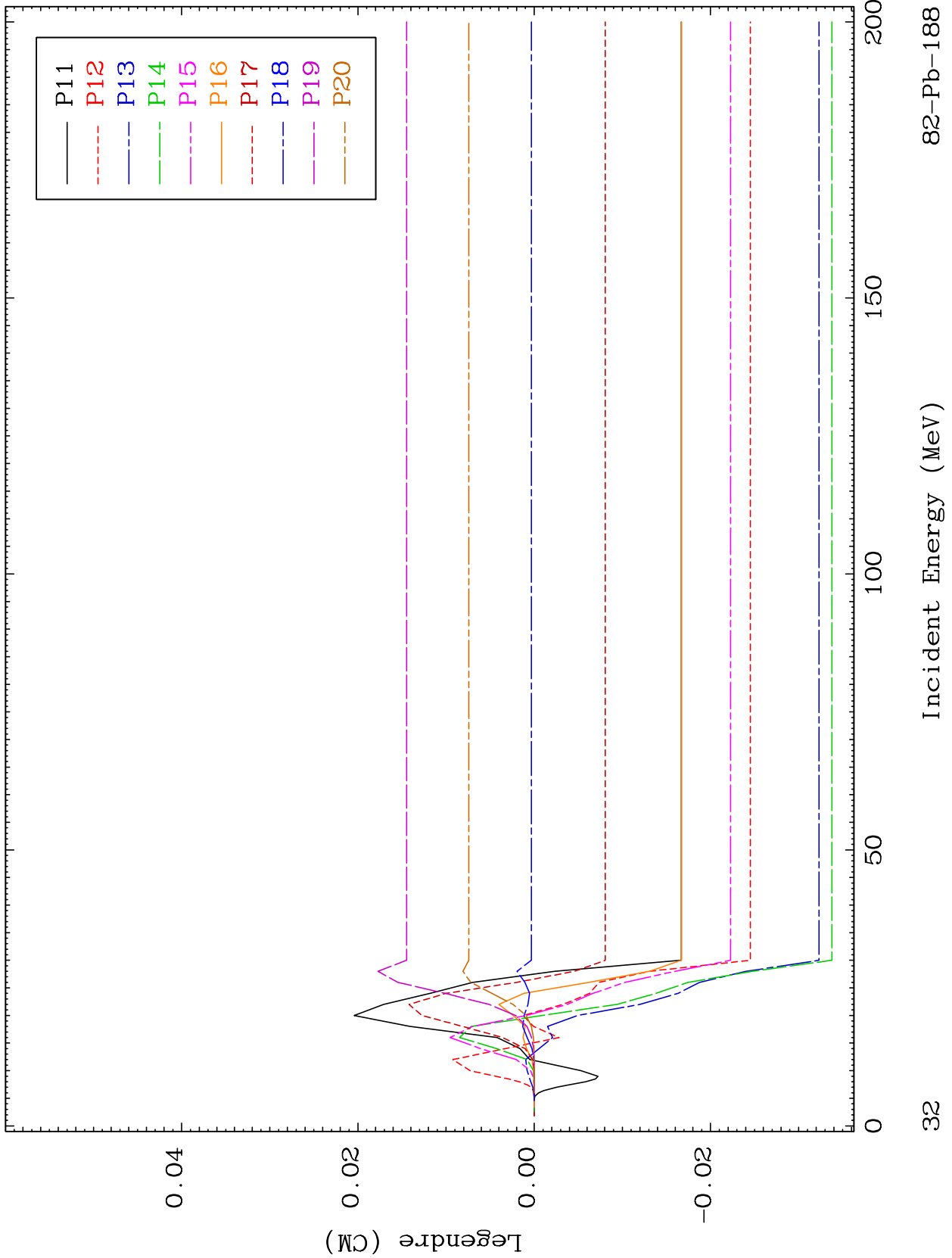
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

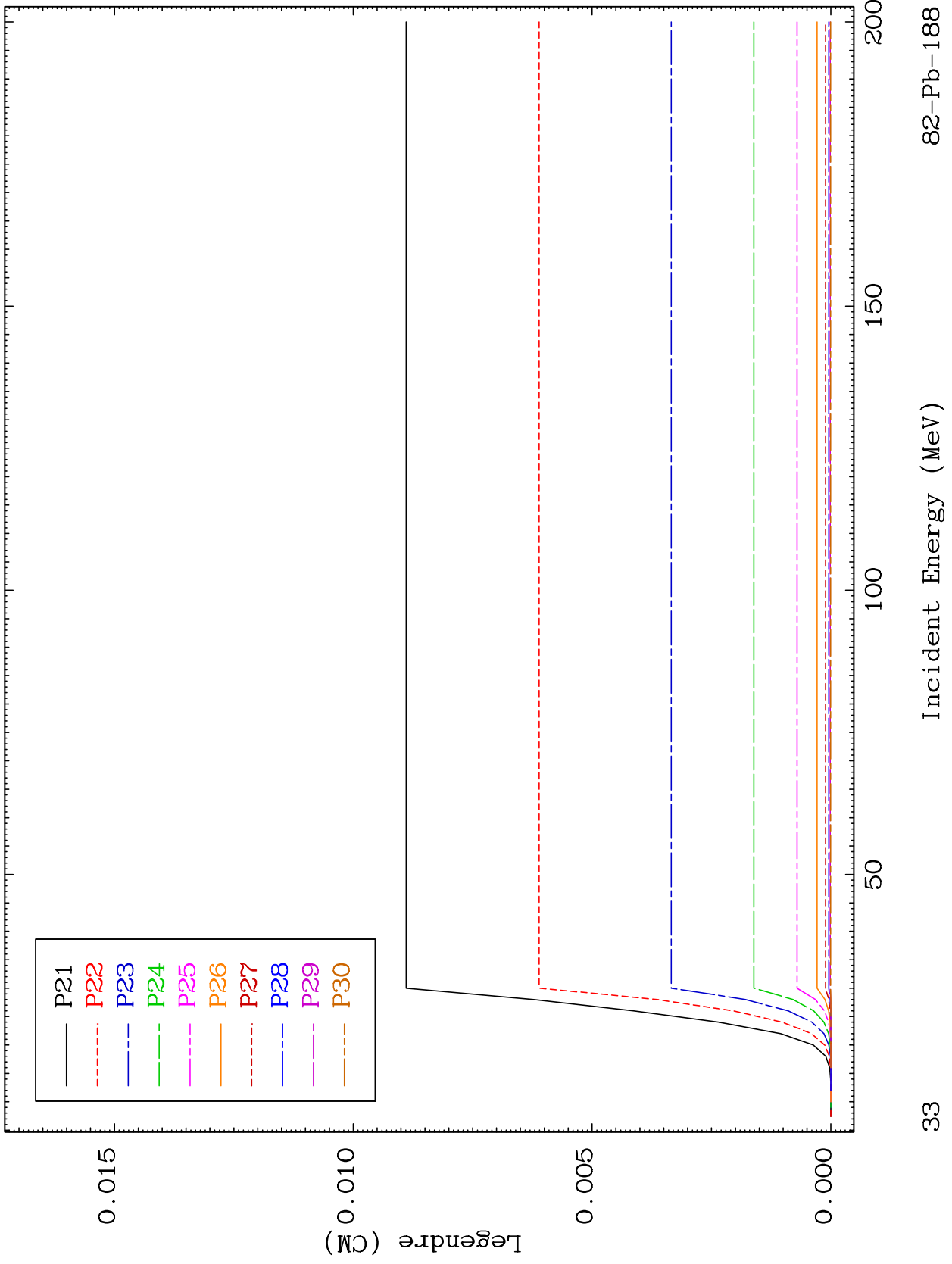
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32

Incident Energy (MeV)

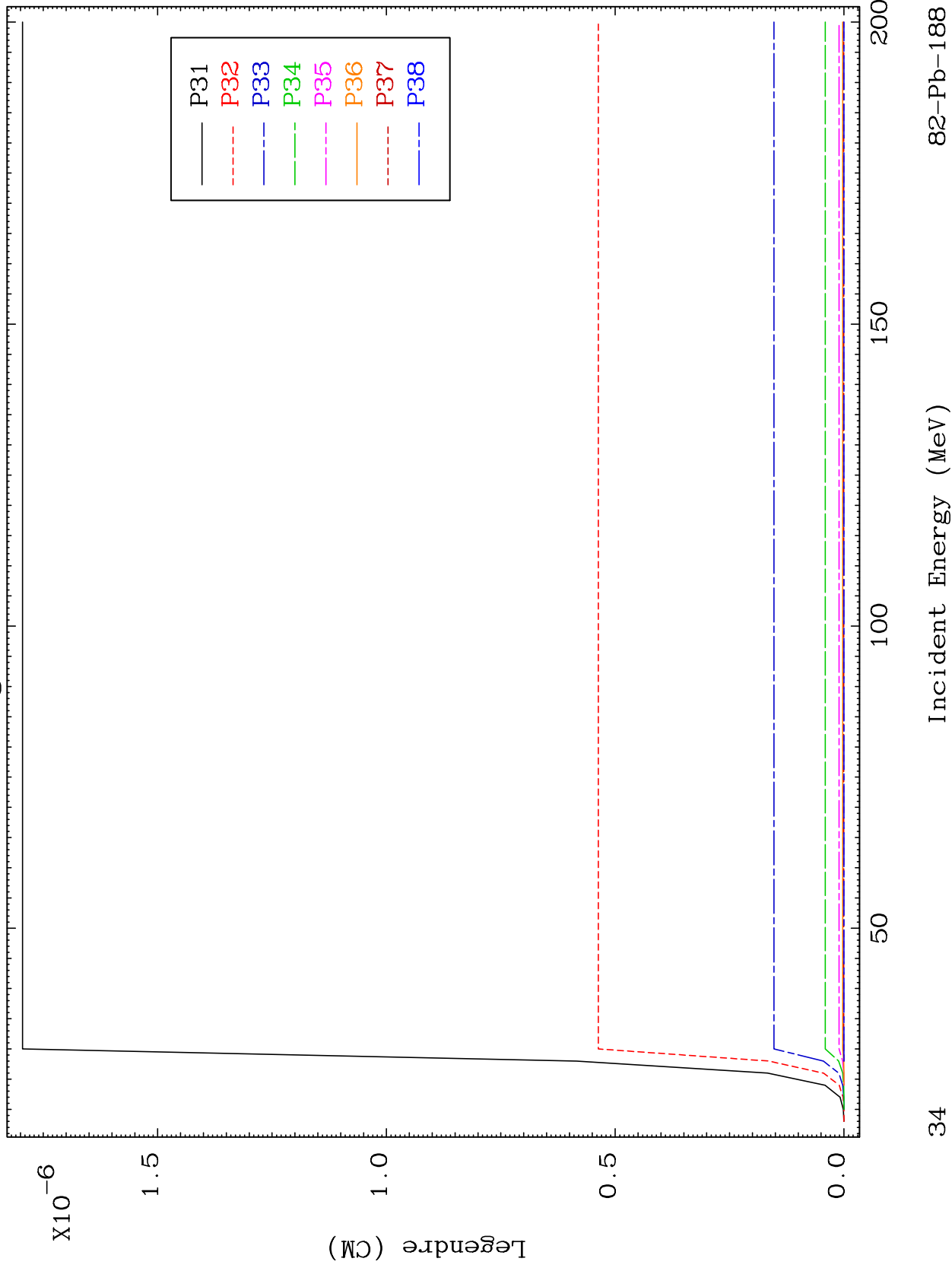
82-Pb-188



MAT 8177

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

82-Pb-188

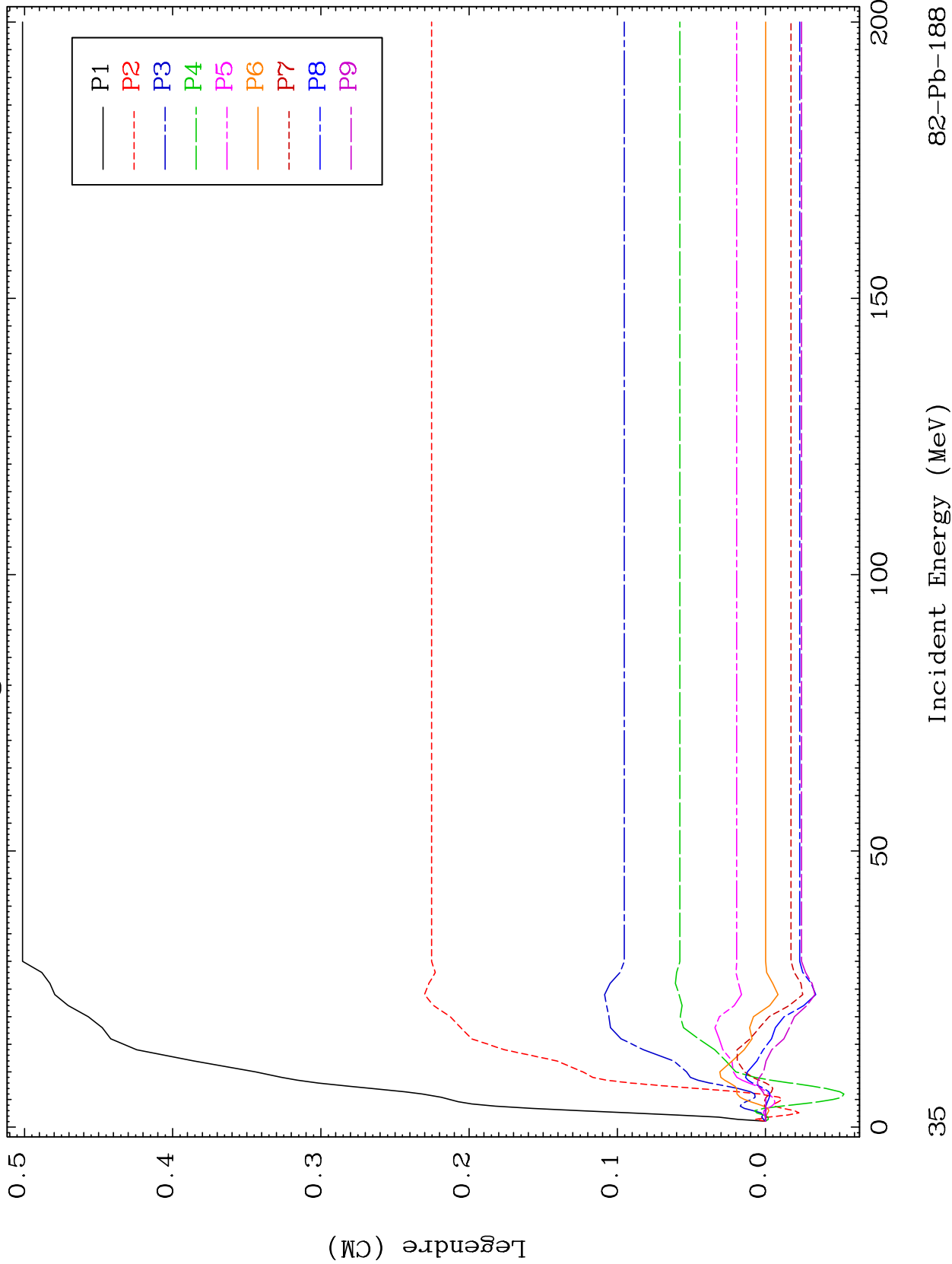


MAT 8177

MT= 55 (n,n') Level

82-Pb-188

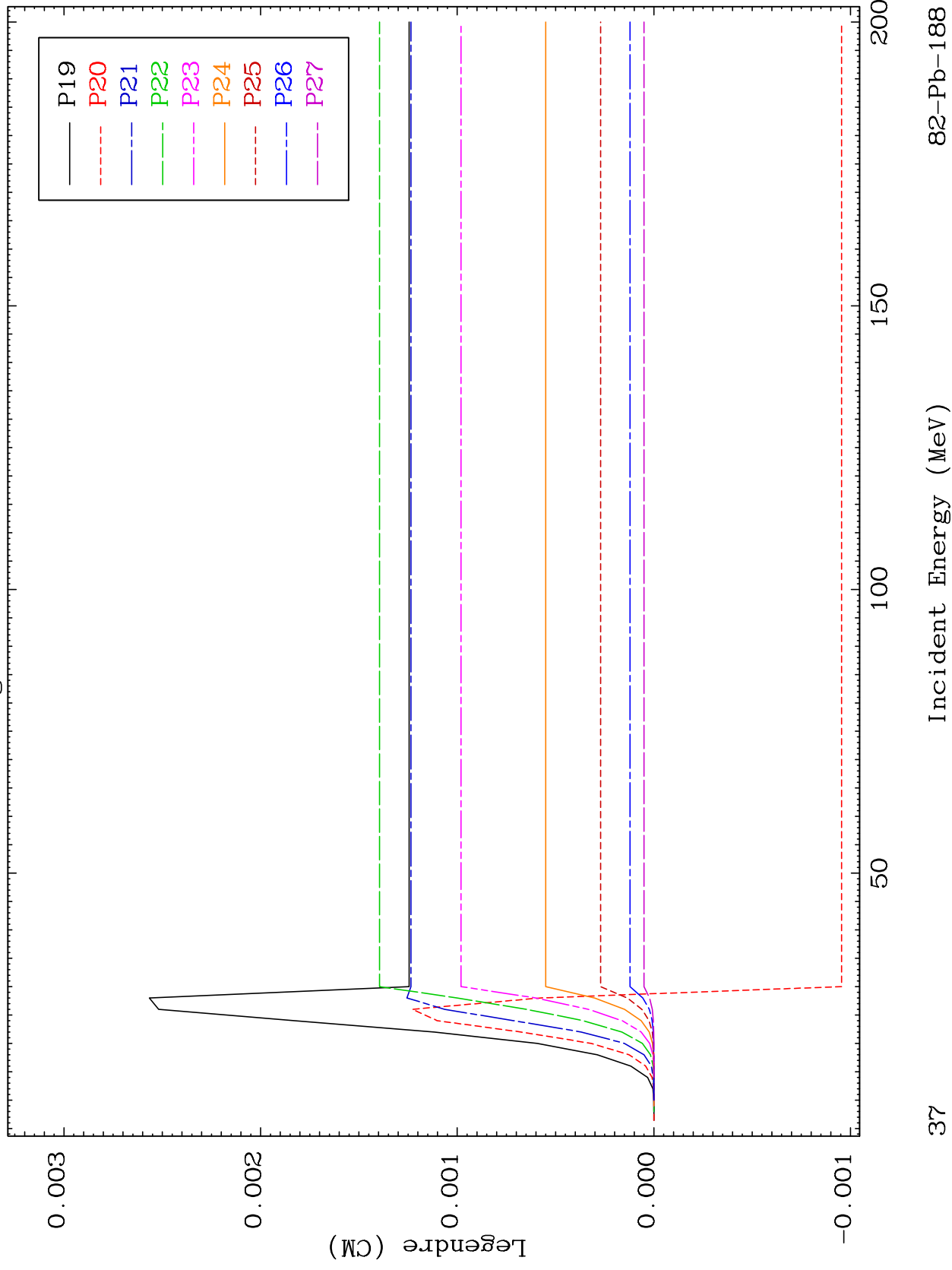
Legendre Coefficients



MAT 8177

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

82-Pb-188



37

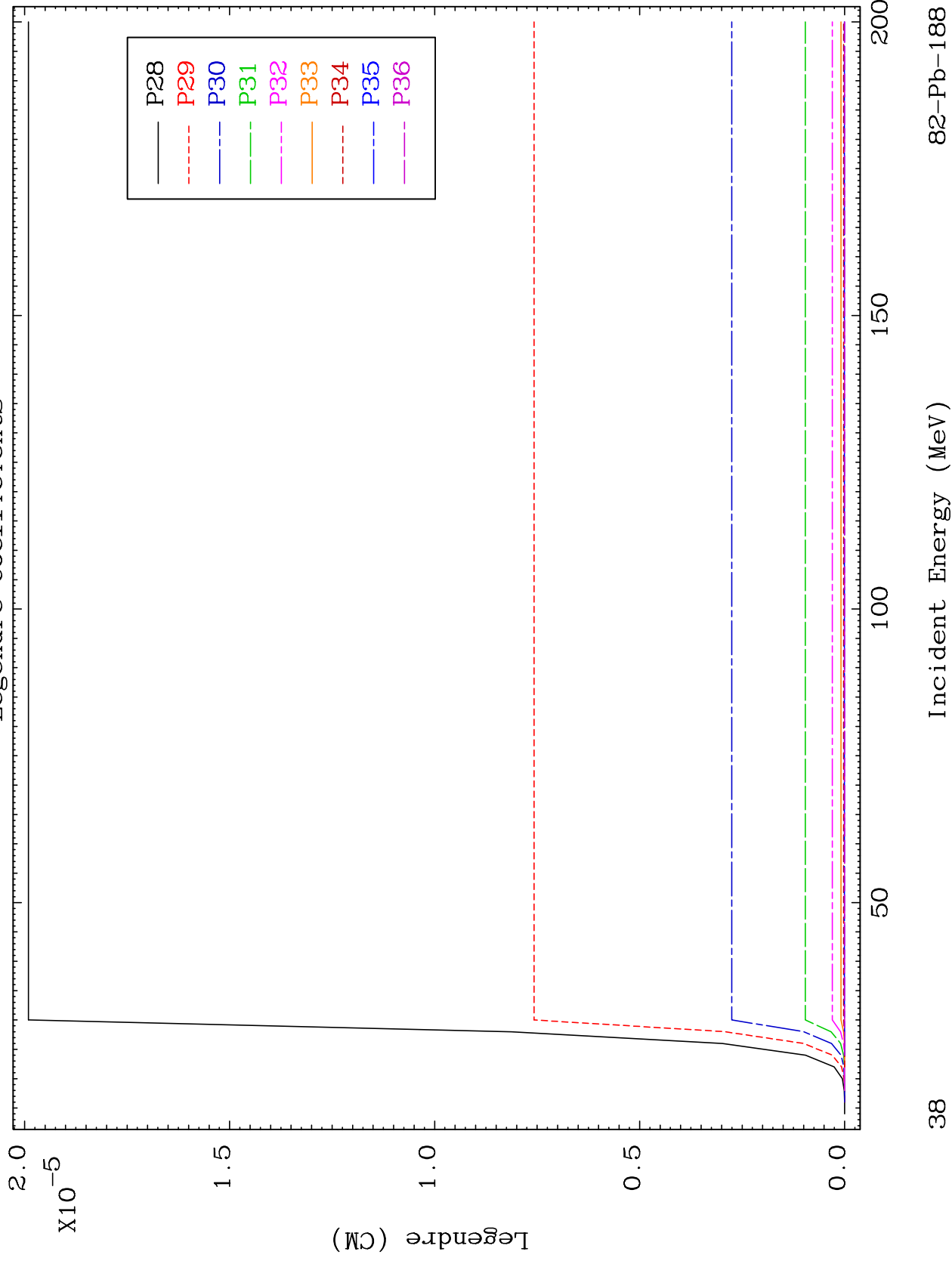
Incident Energy (MeV)

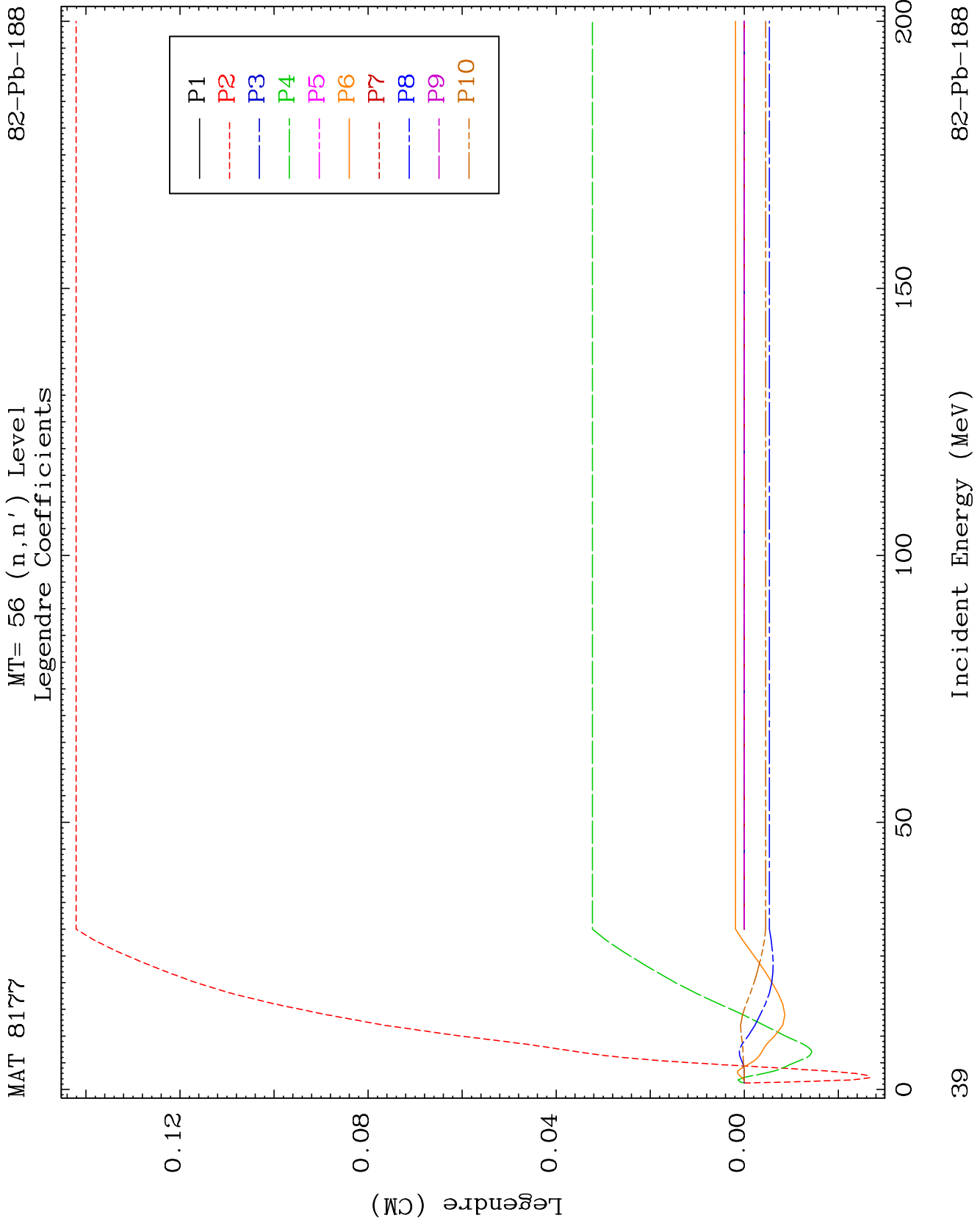
82-Pb-188

MAT 8177

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

82-Pb-188

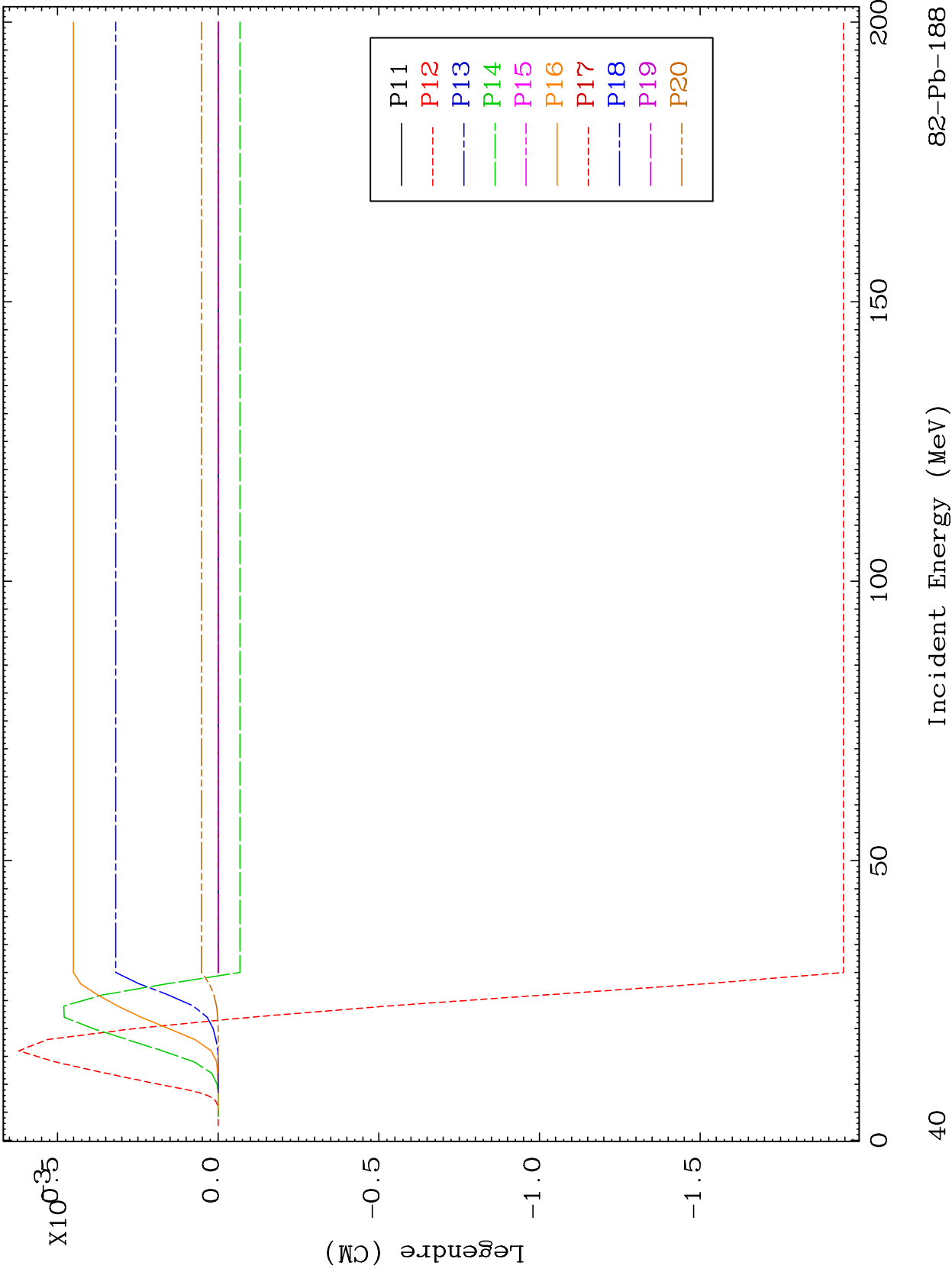




MAT 8177

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

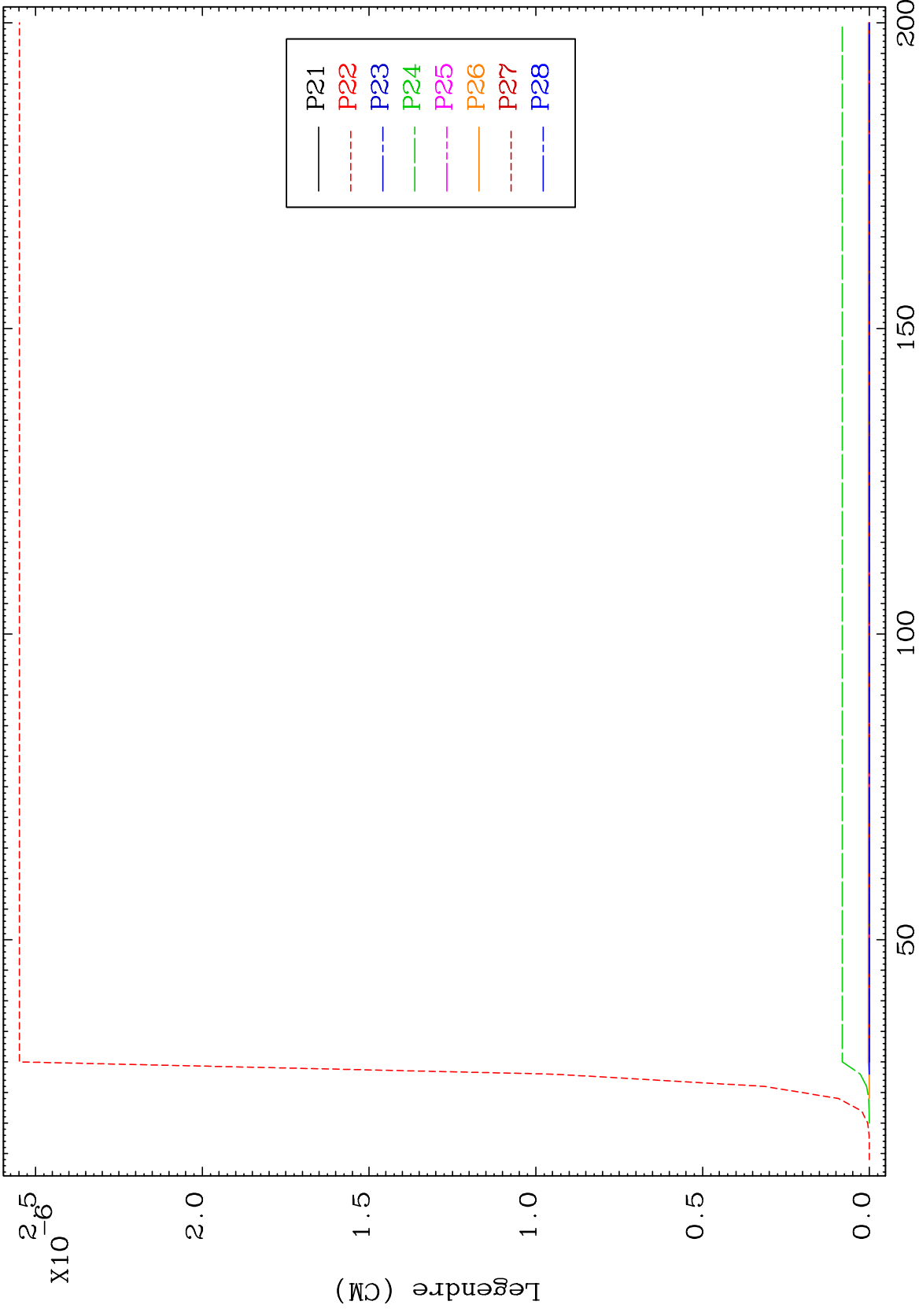
82-Pb-188



MAT 8177

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

82-Pb-188



41

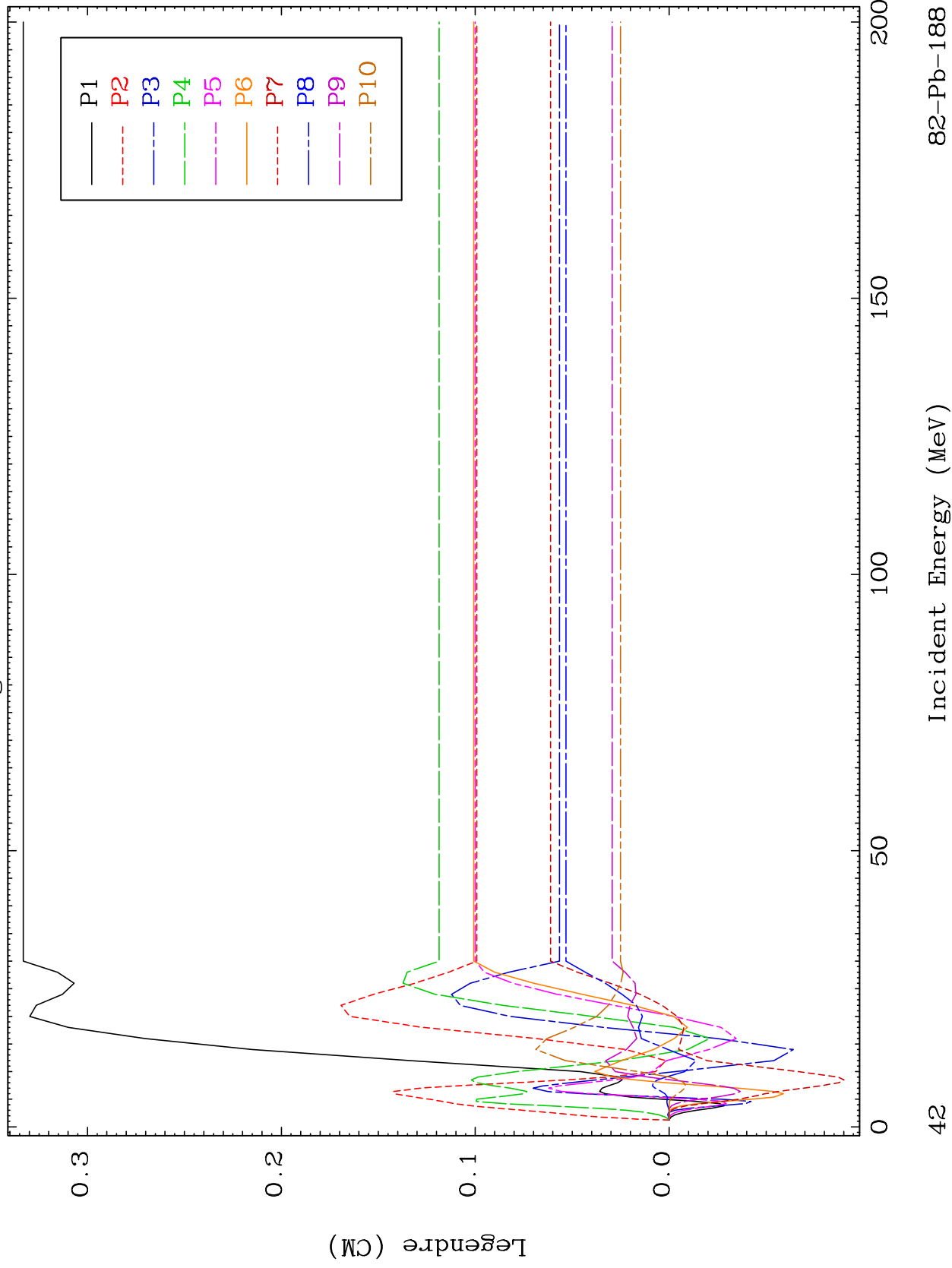
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



82-Pb-188

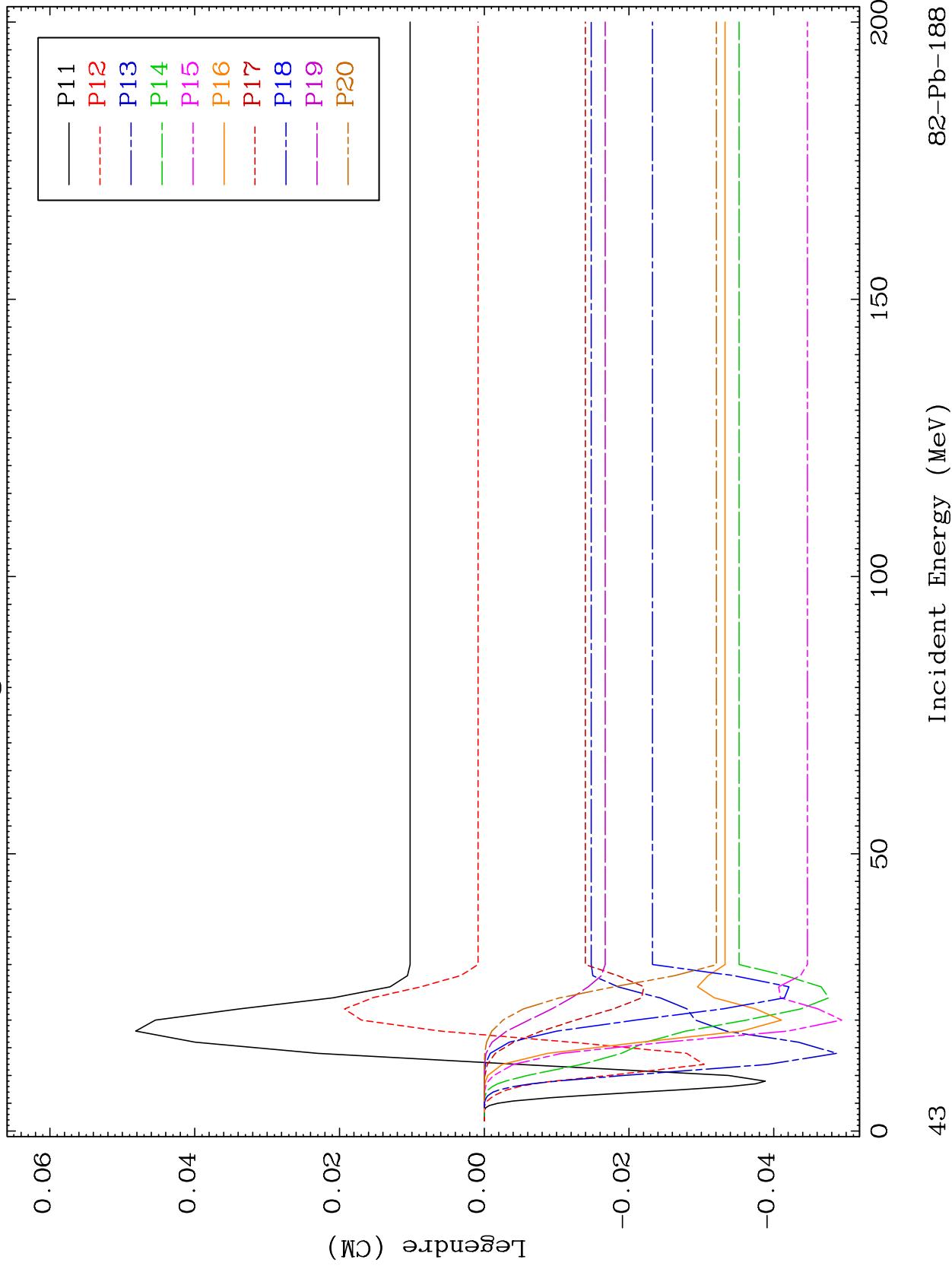
Incident Energy (MeV)

42

MAT 8177

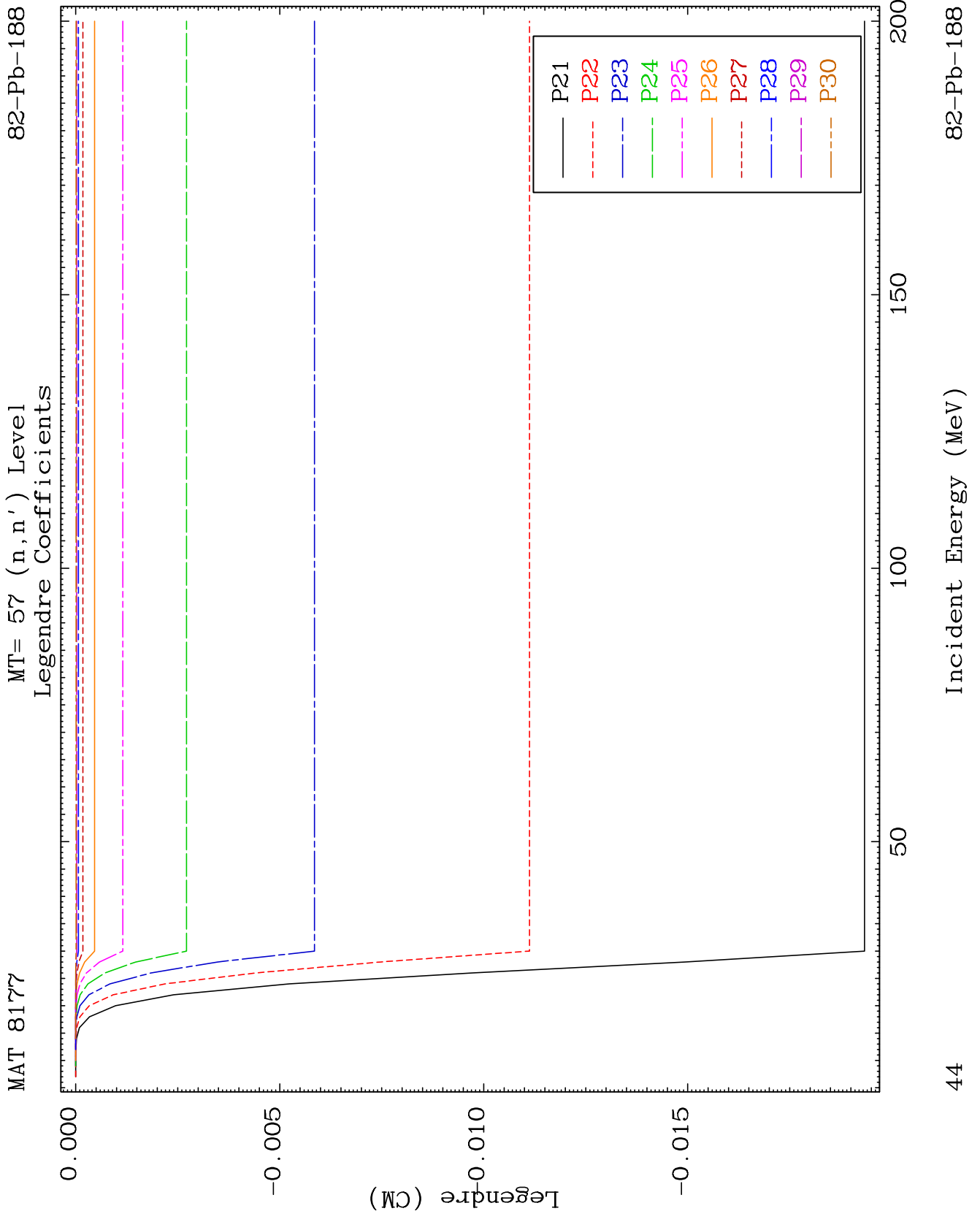
MT= 57 (n,n') Level
Legendre Coefficients

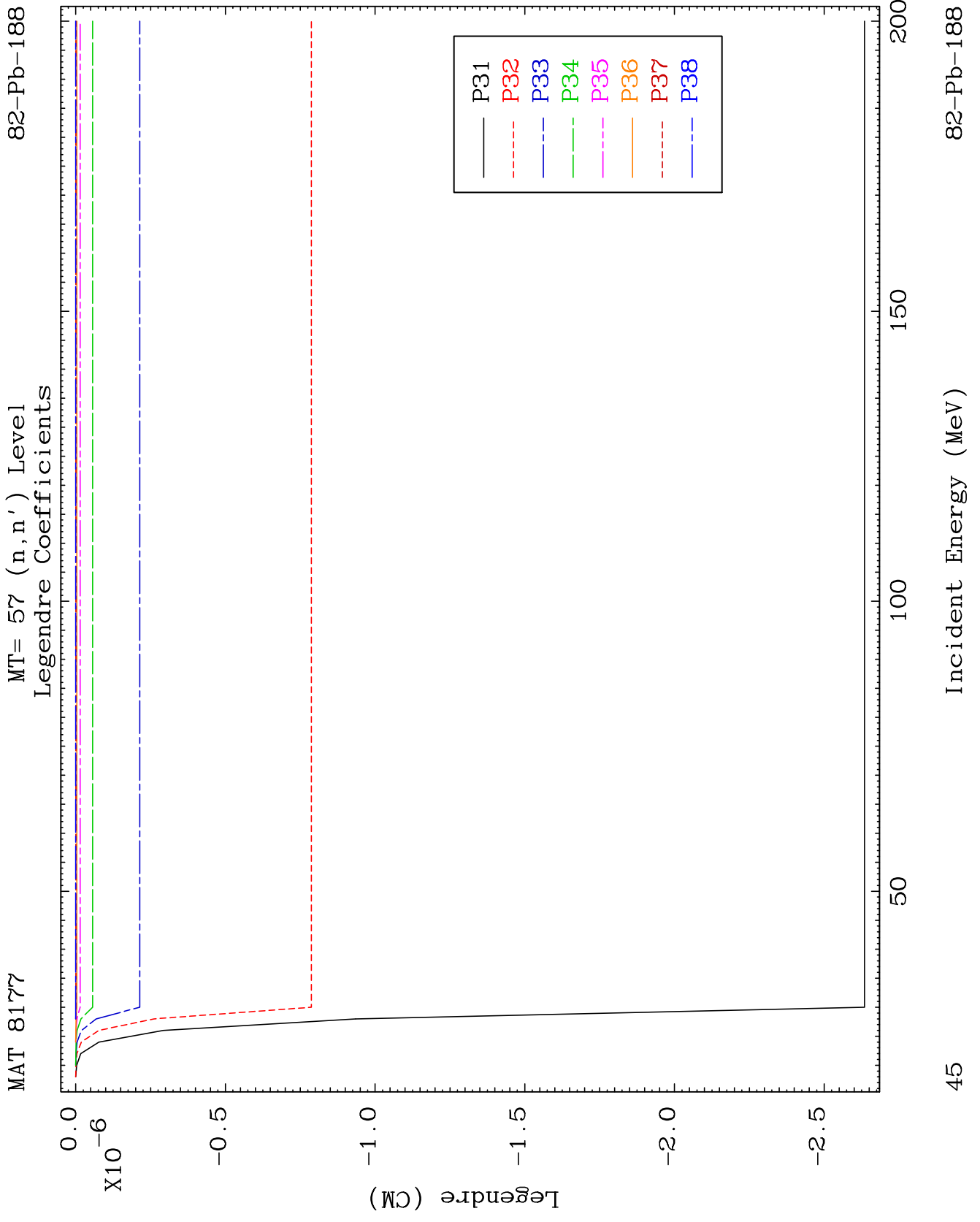
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43

82-Pb-188



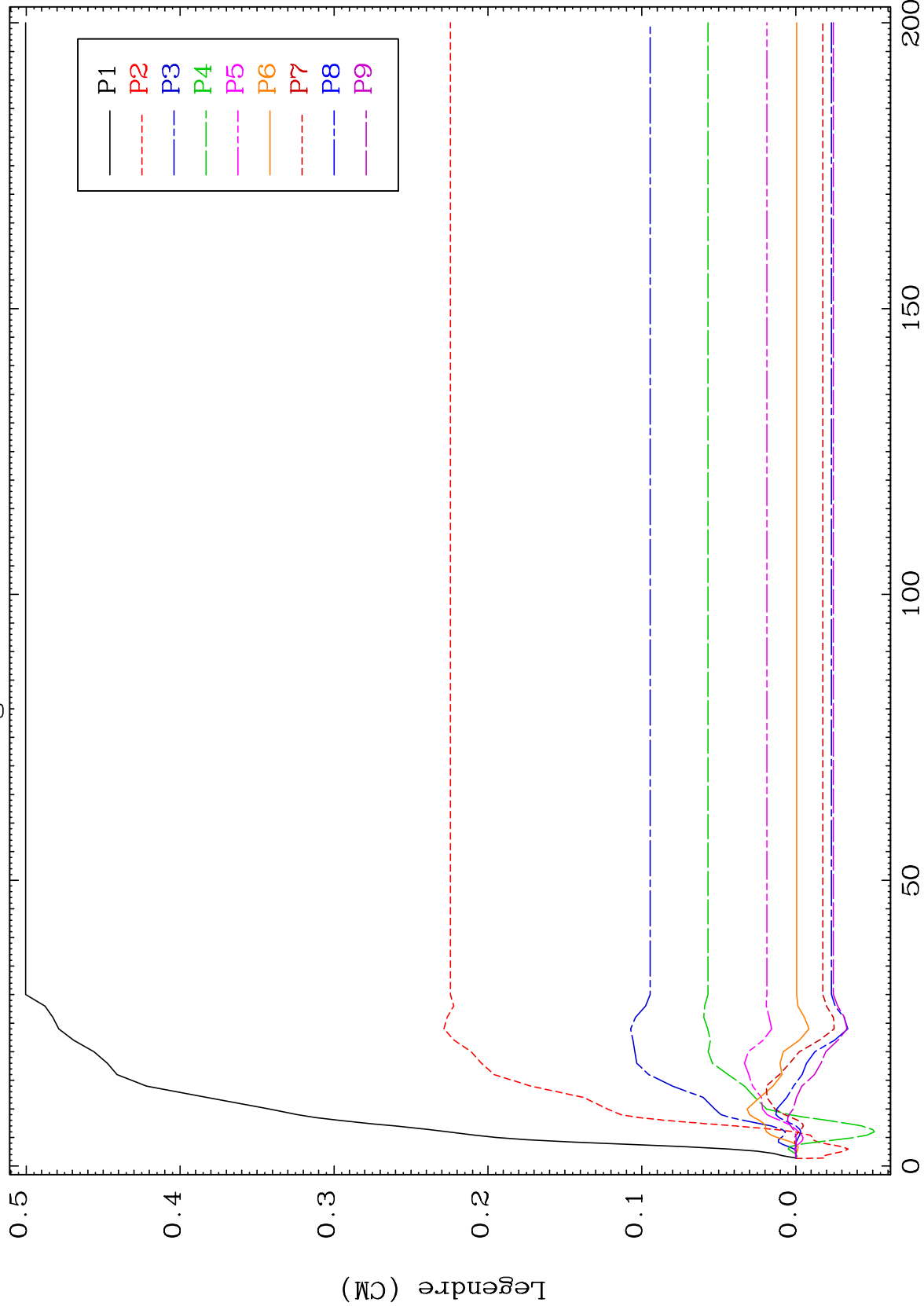


MAT 8177

MT= 58 (n,n') Level

82-Pb-188

Legendre Coefficients



46

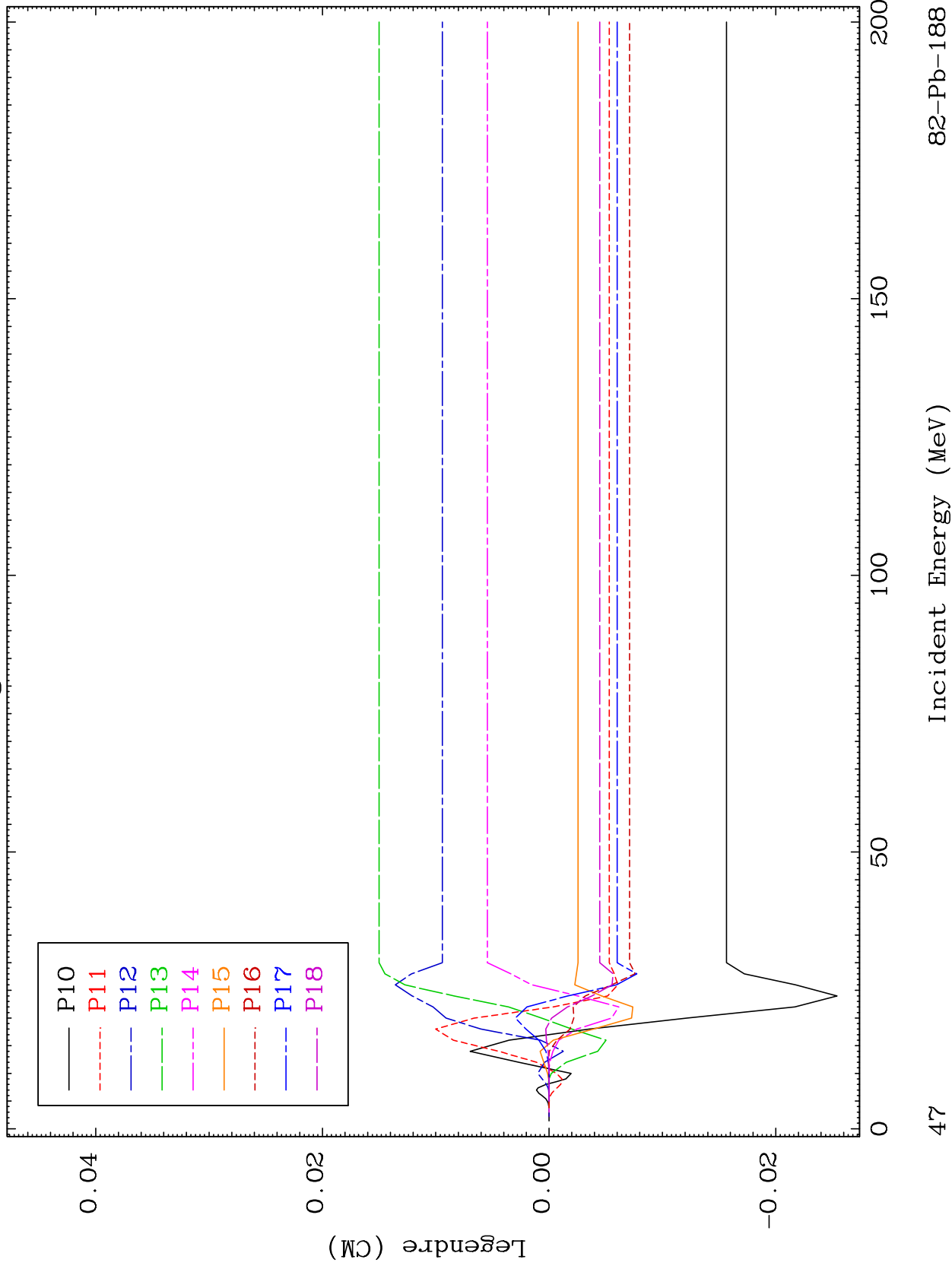
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



47

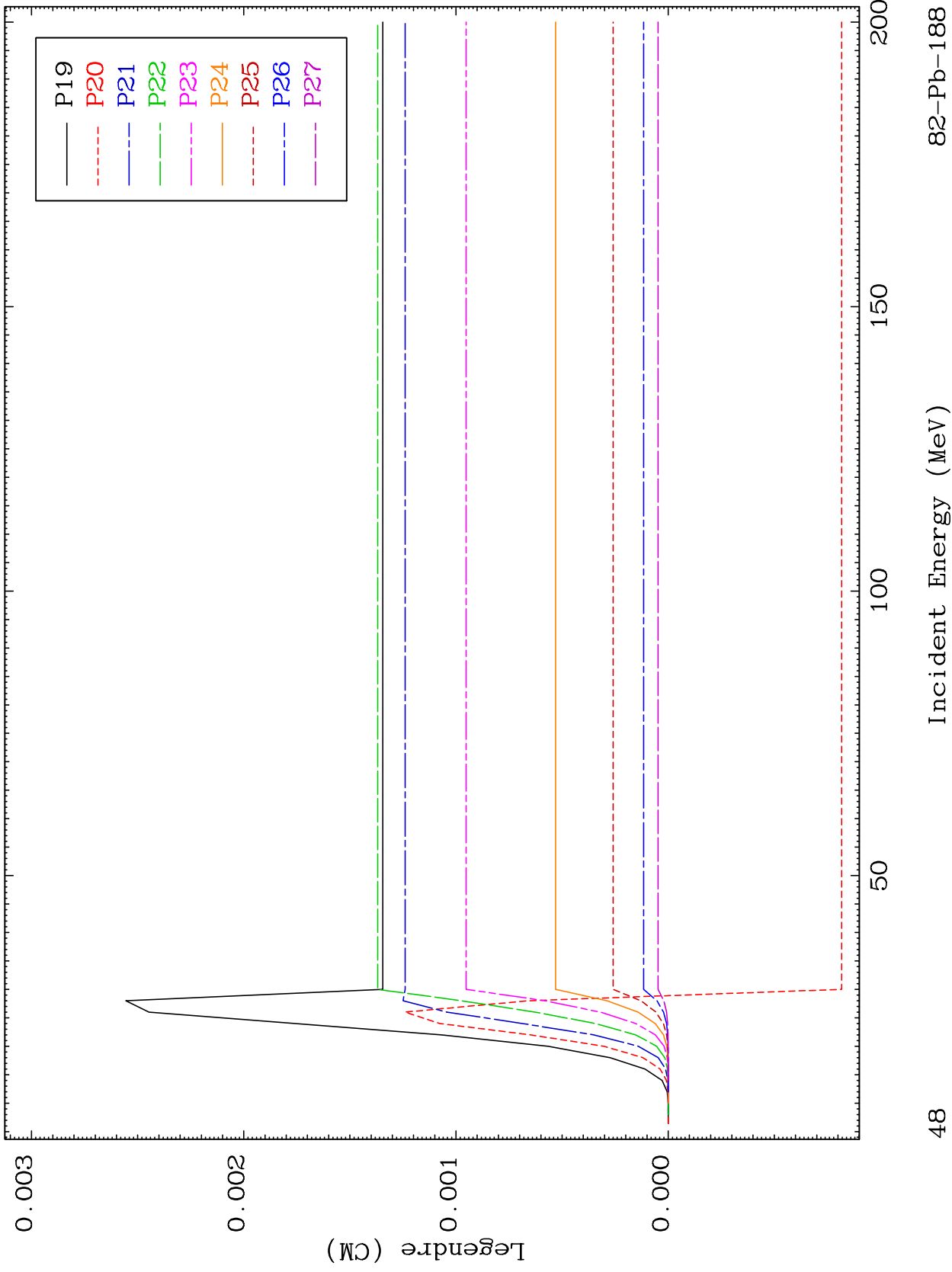
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



48

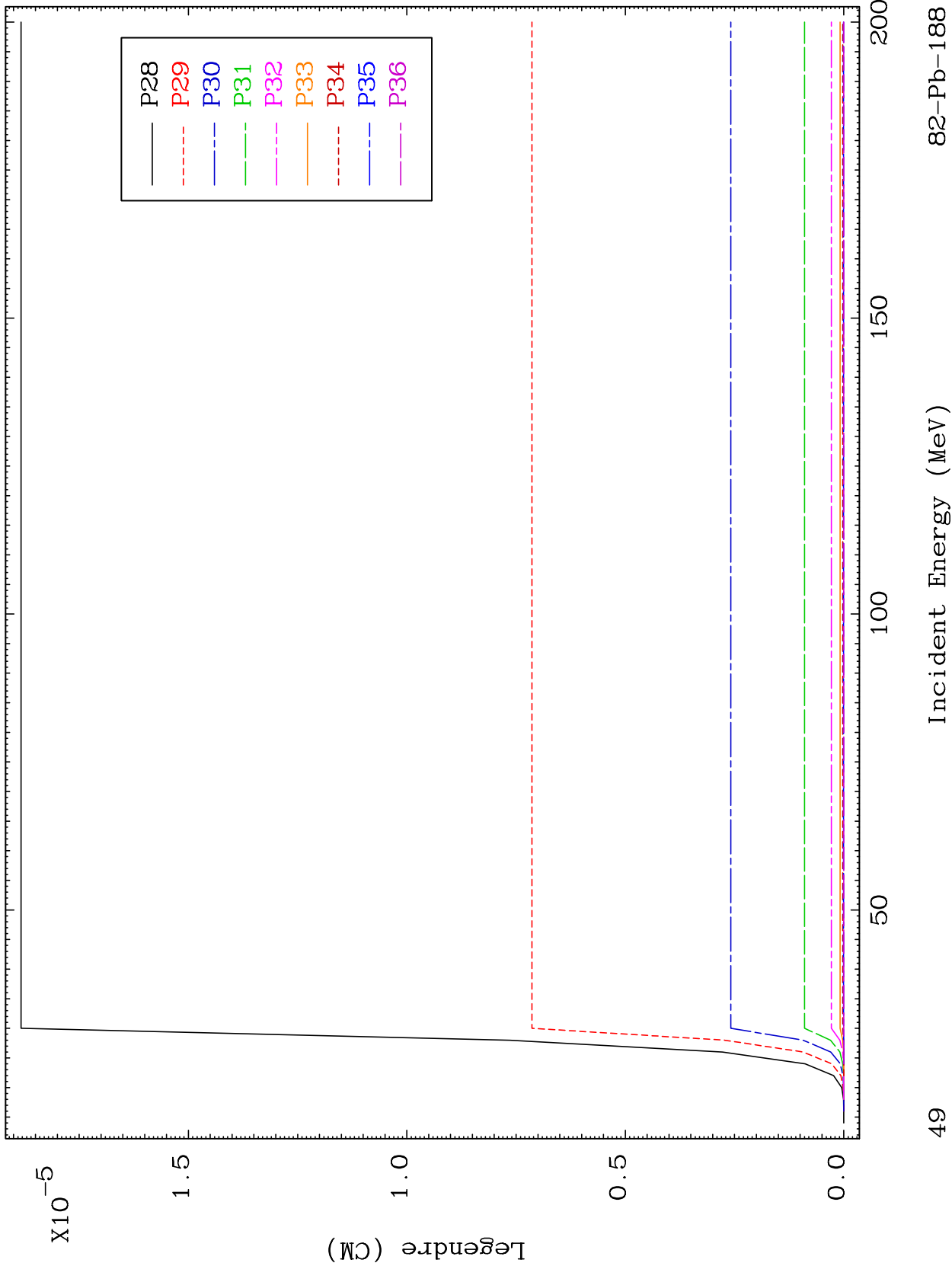
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



49

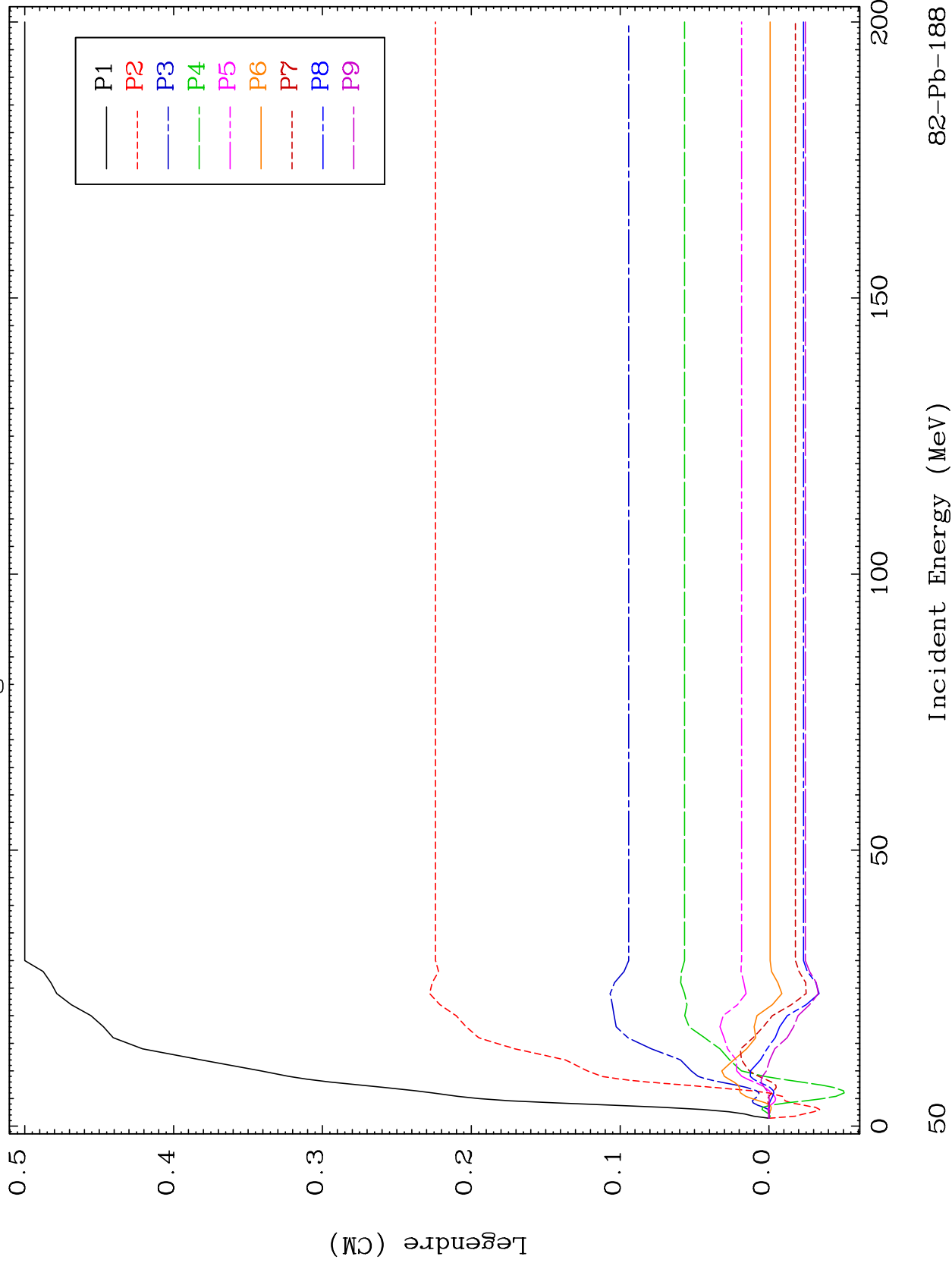
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

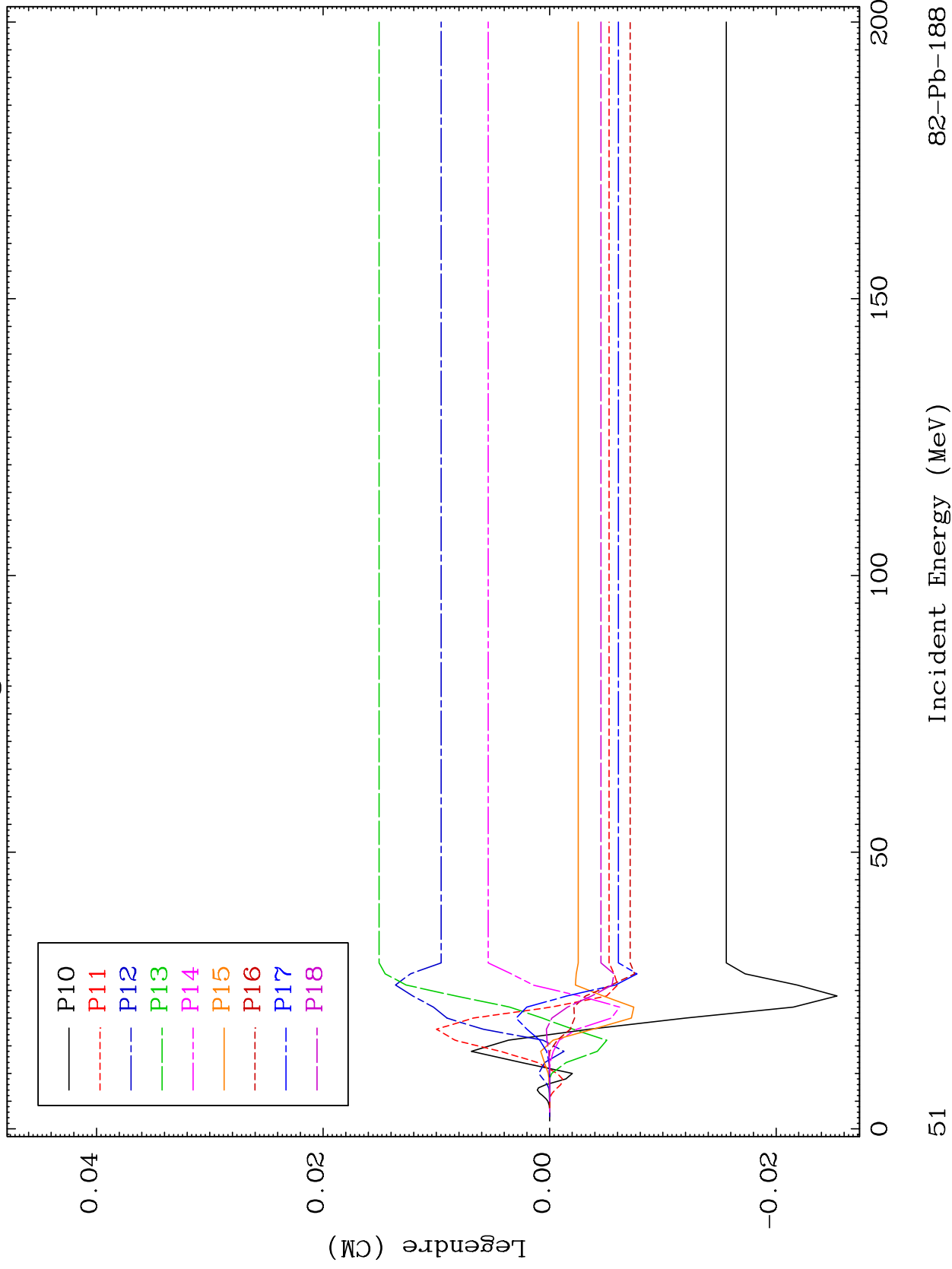
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MAT 8177

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

82-Pb-188



51

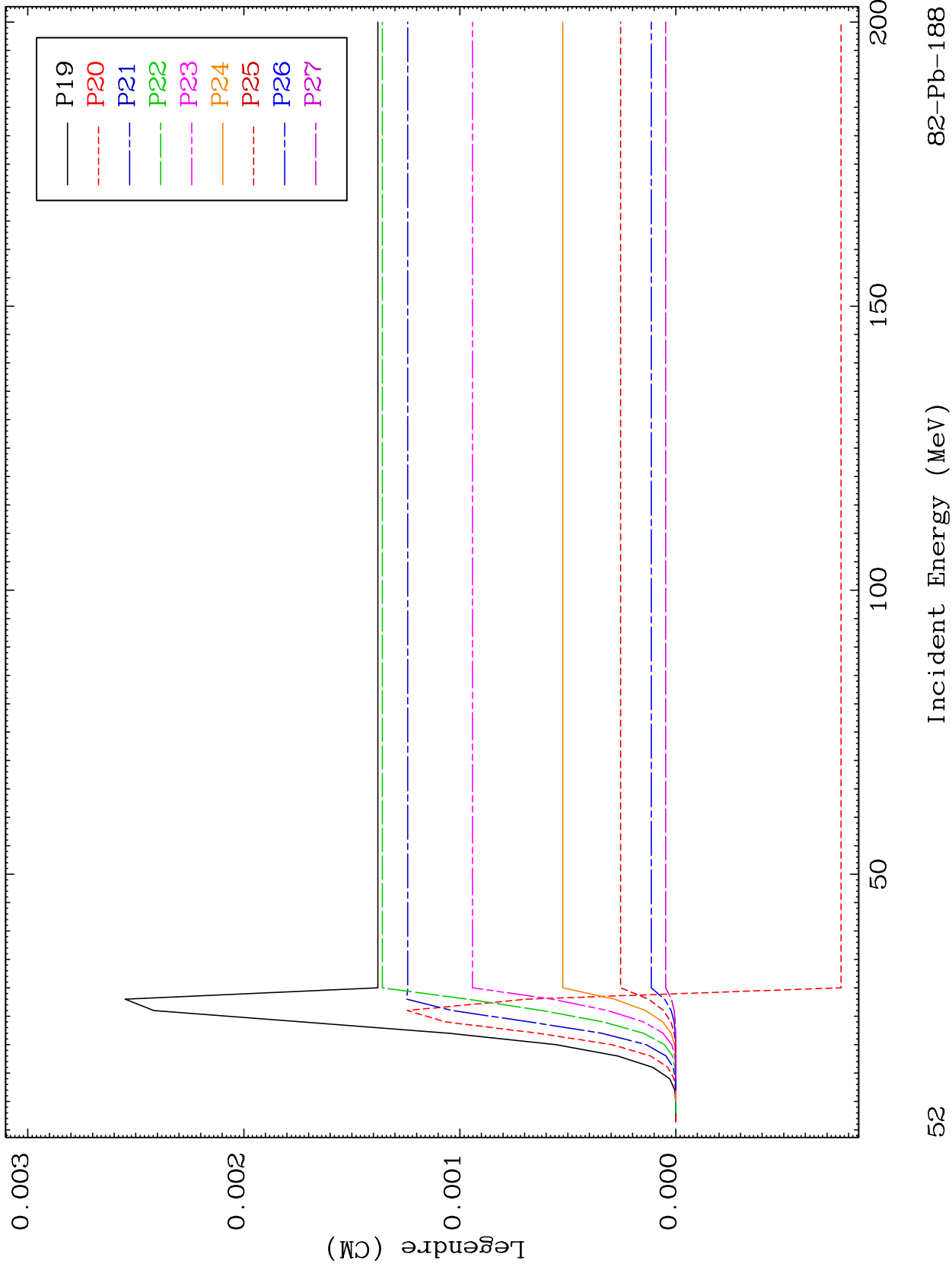
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

82-Pb-188



52

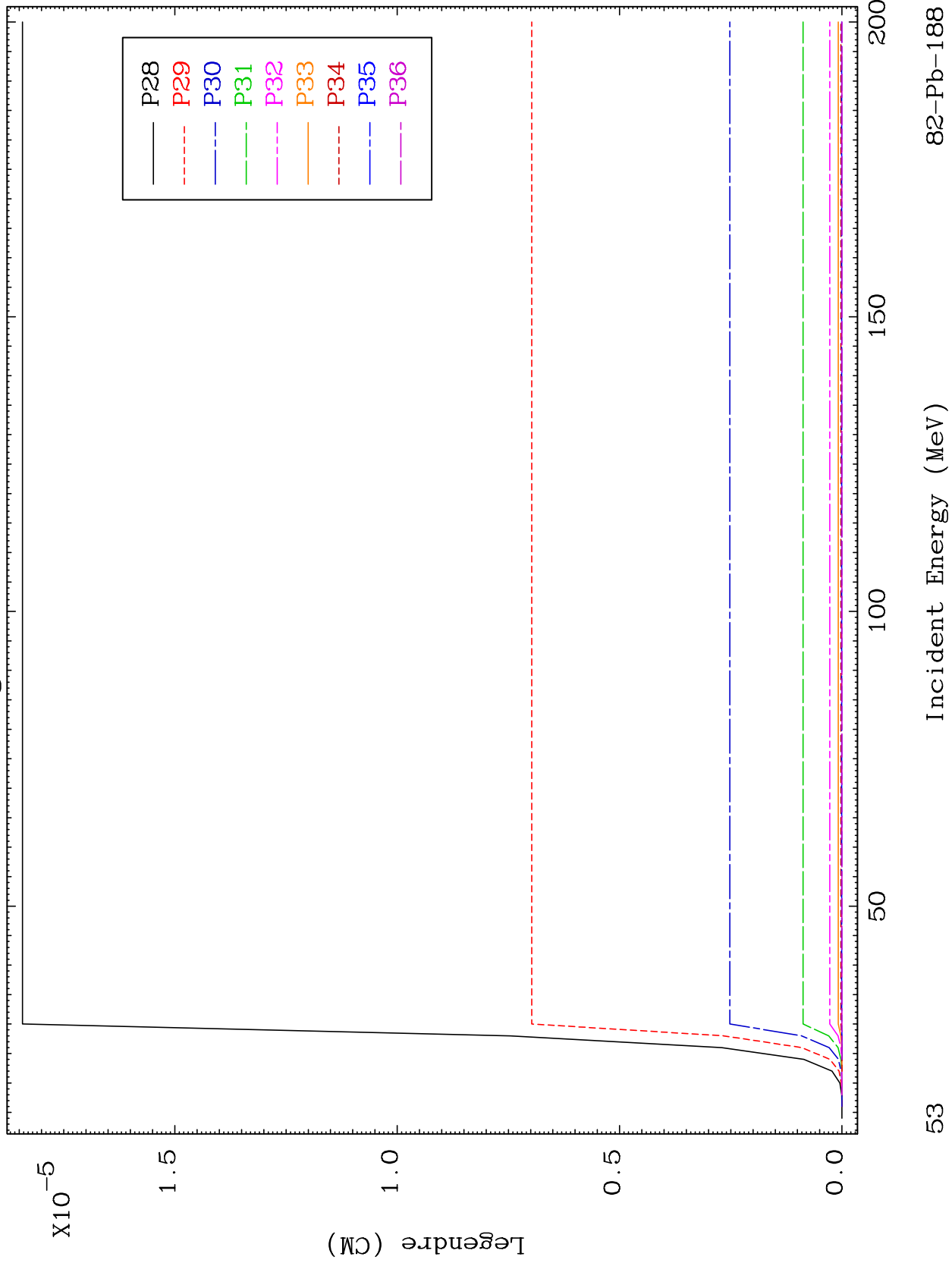
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

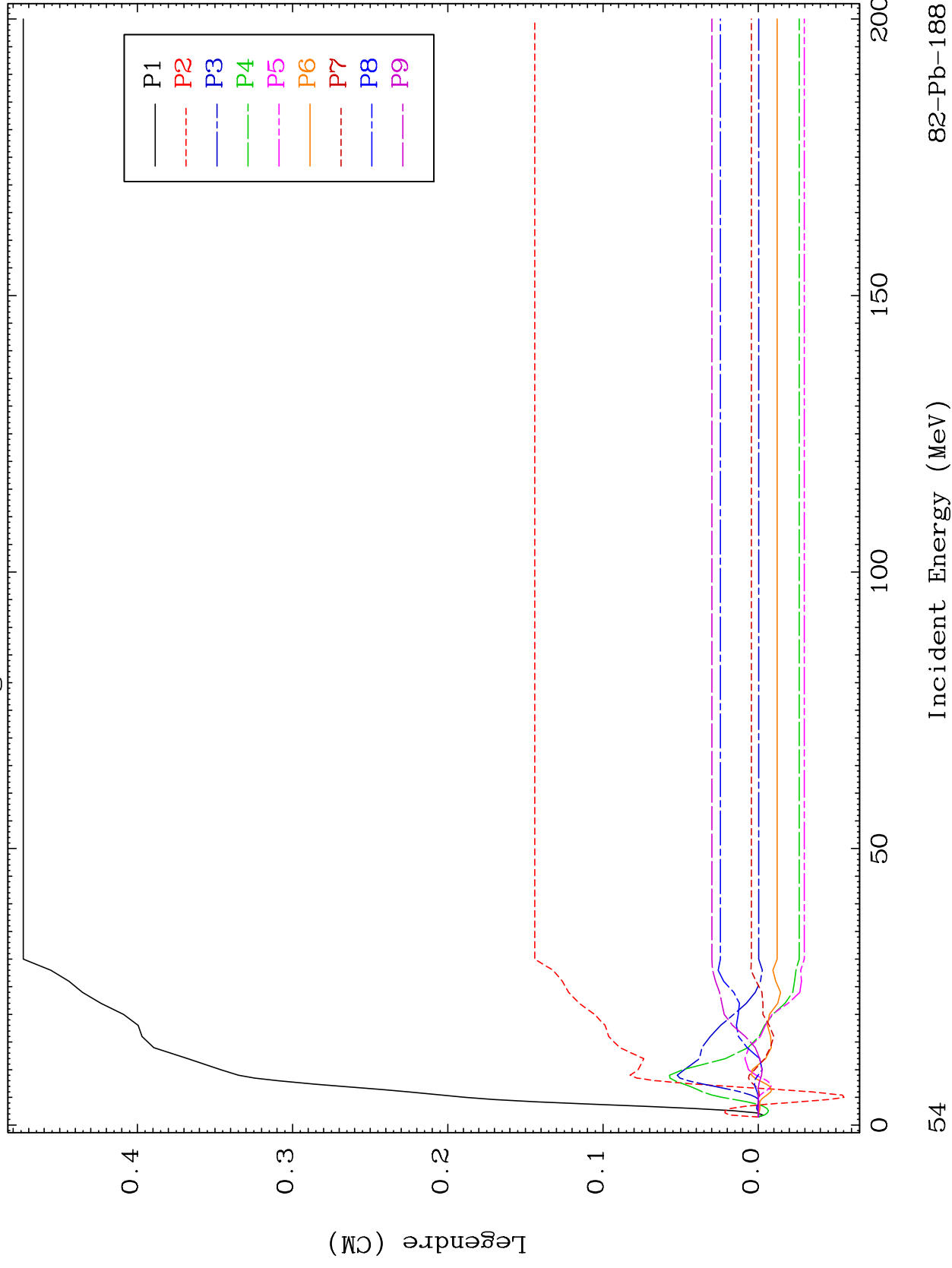
82-Pb-188



MAT 8177

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

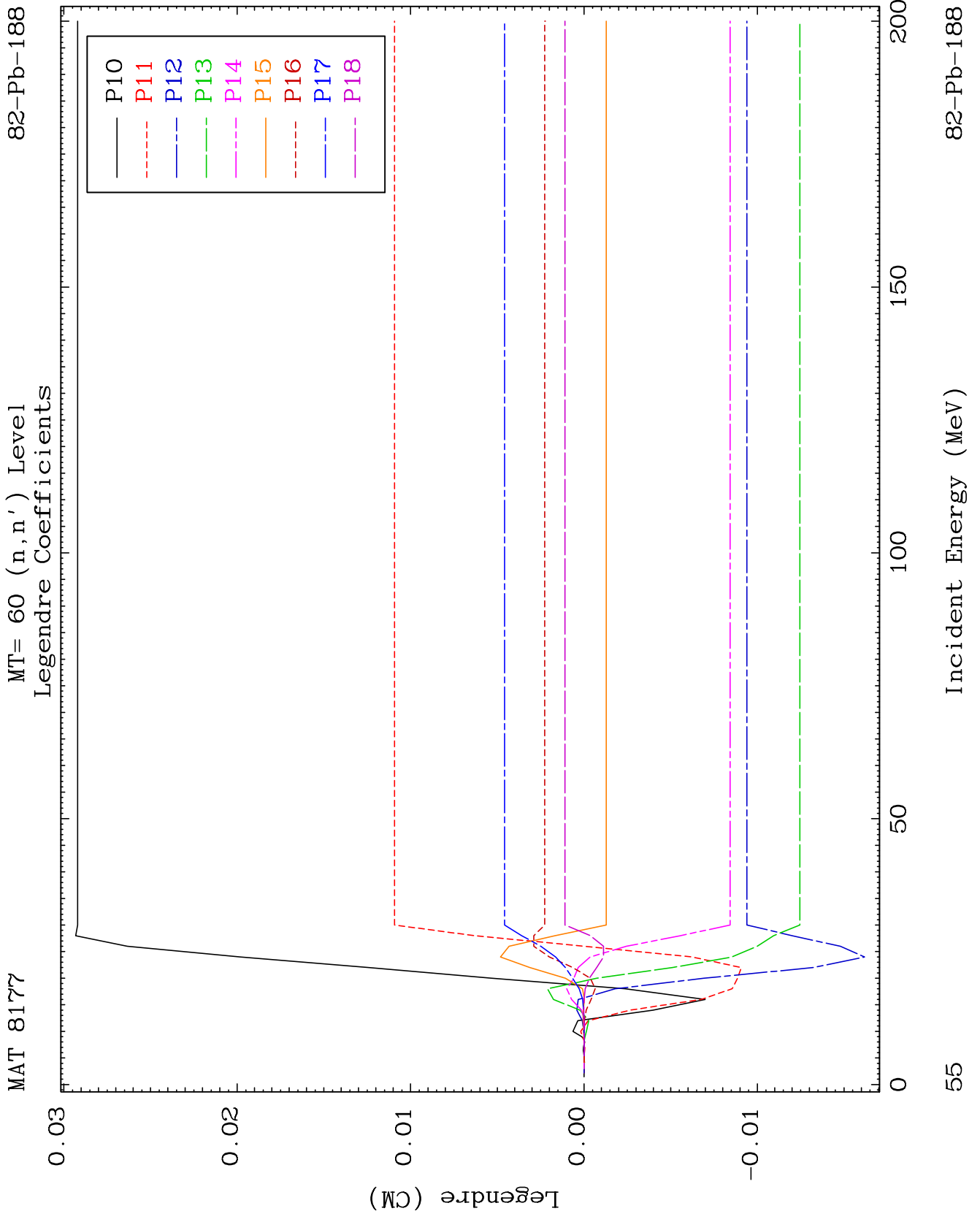
82-Pb-188



82-Pb-188

Incident Energy (MeV)

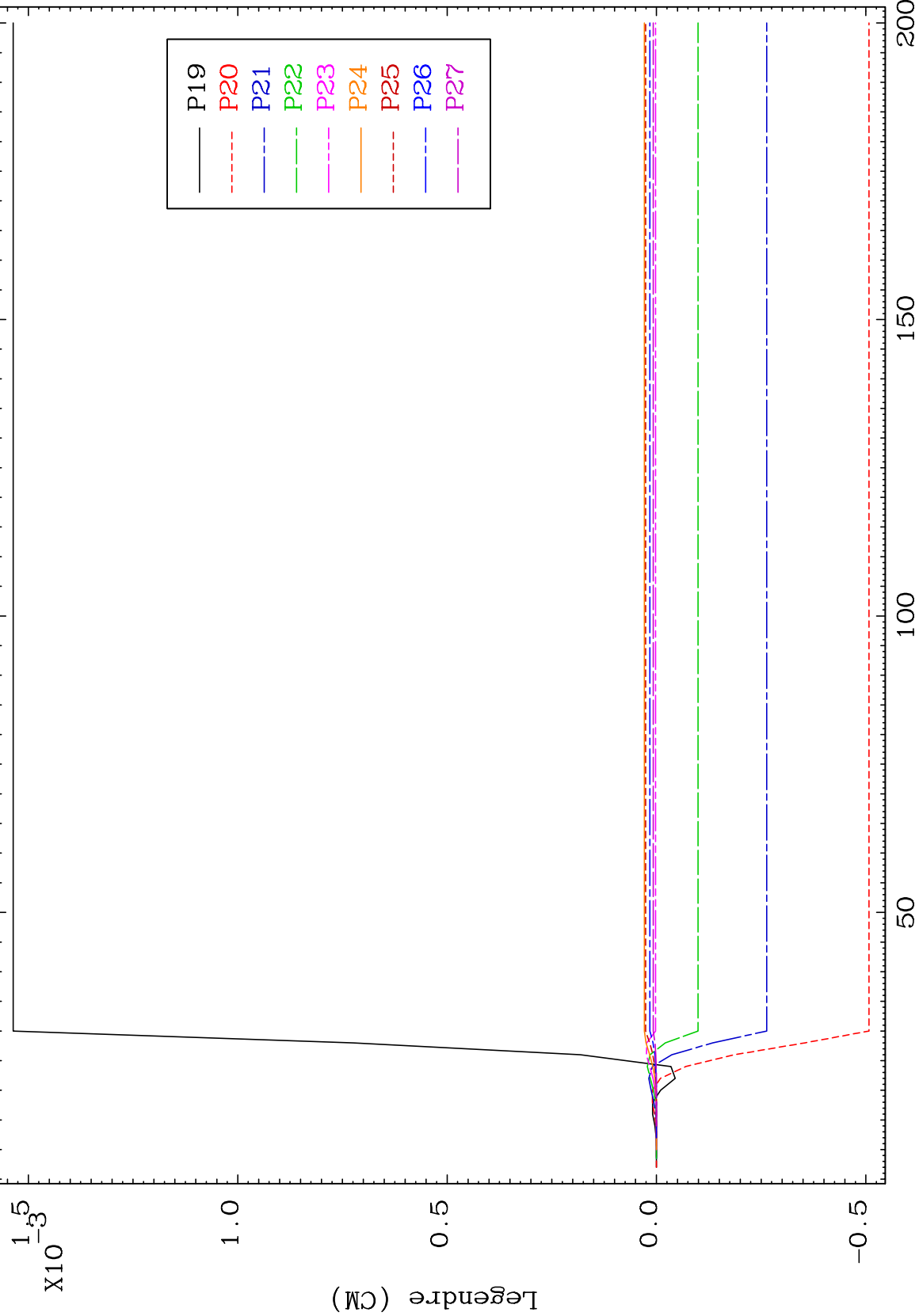
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MAT 8177

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

82-Pb-188



56

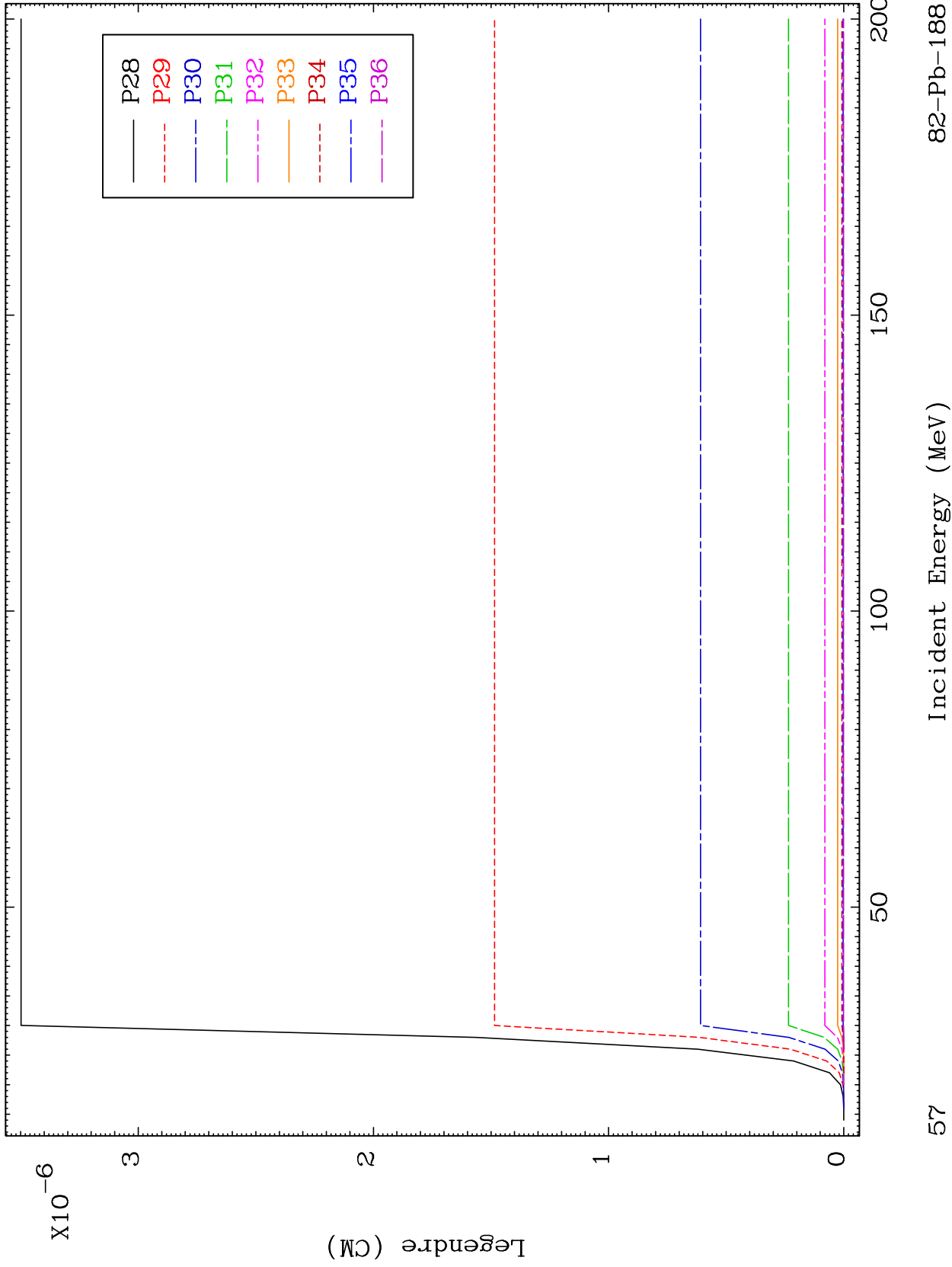
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

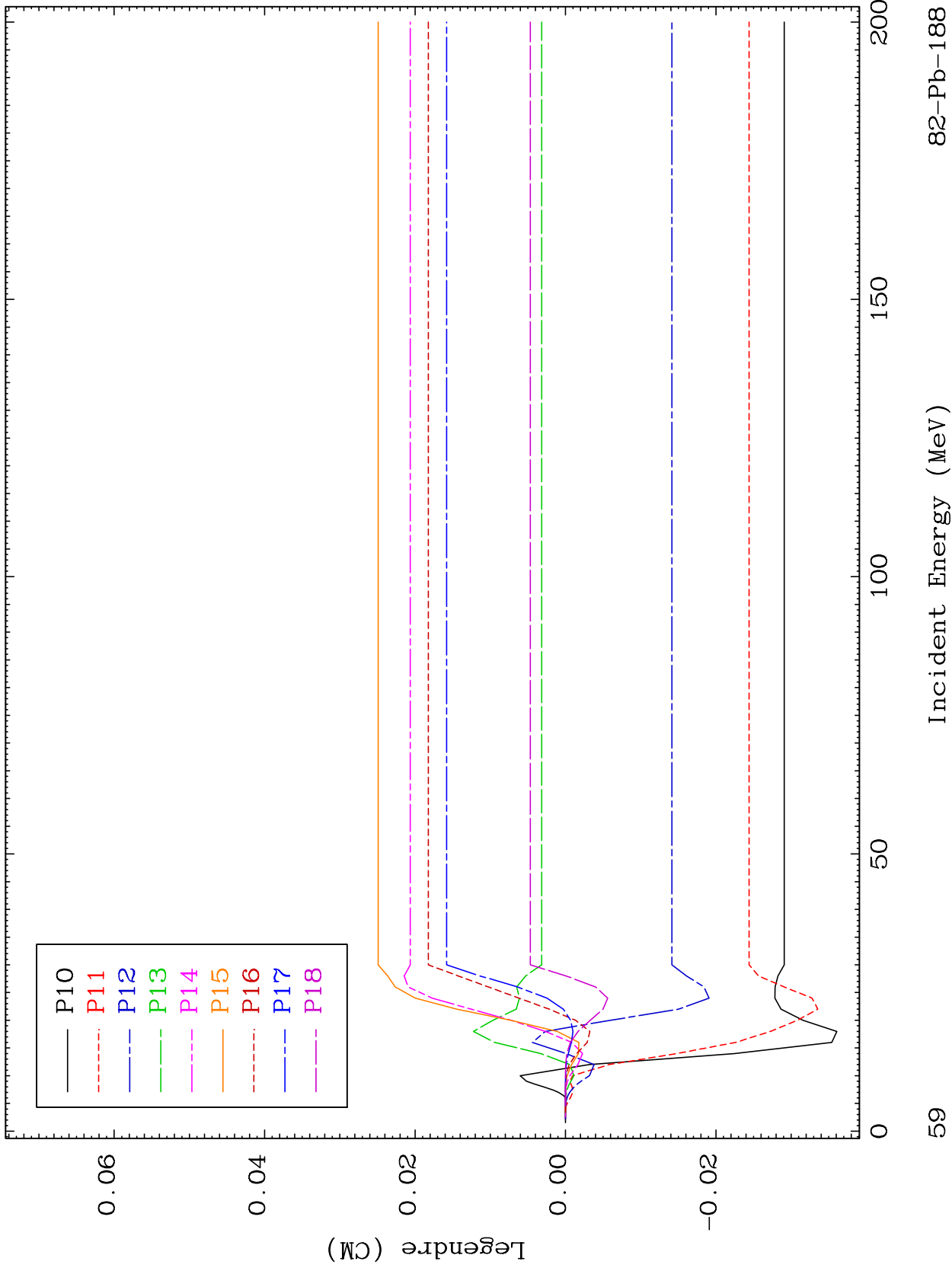
82-Pb-188



MAT 8177

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

82-Pb-188



59

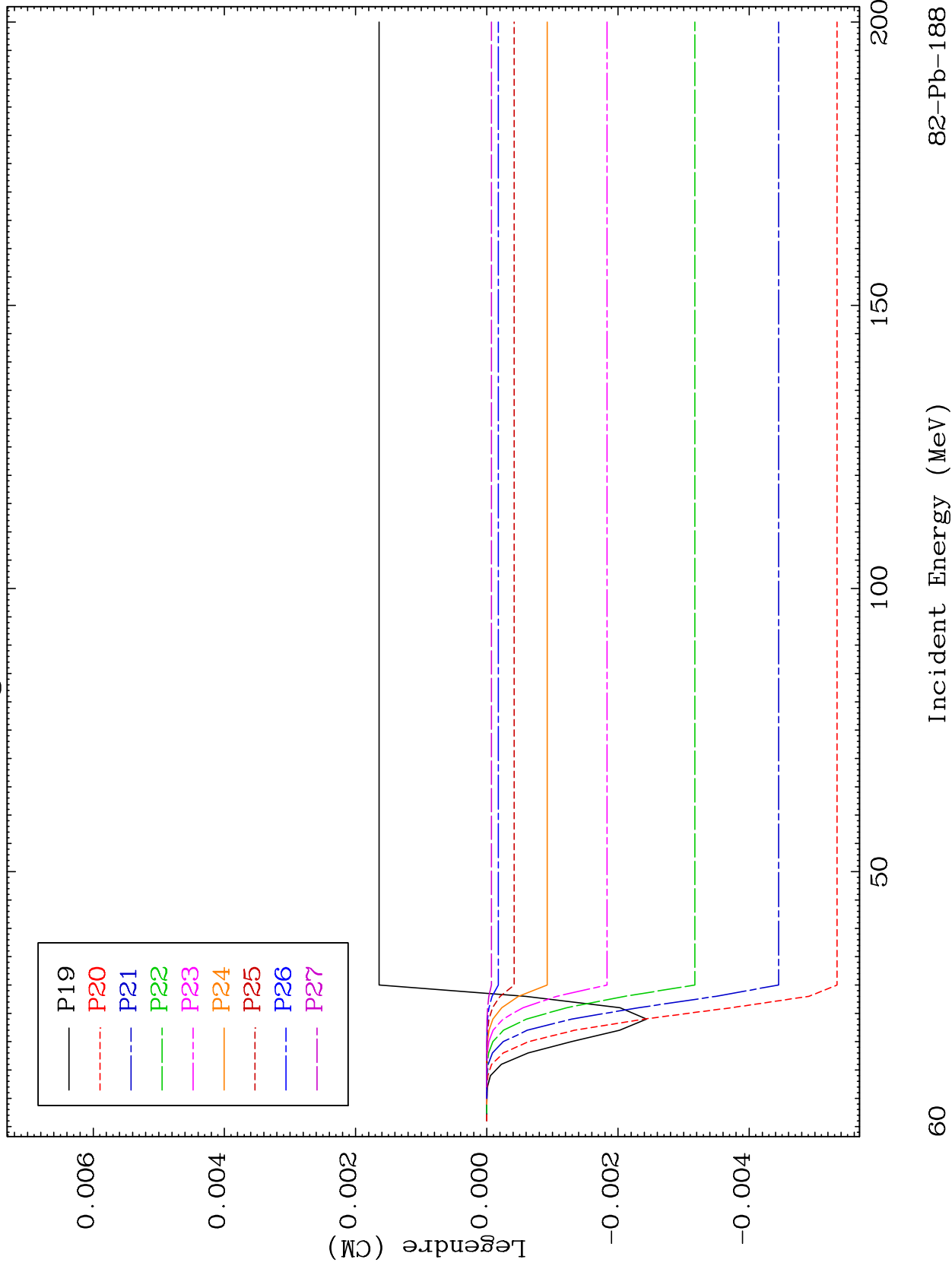
Incident Energy (MeV)

82-Pb-188

MAT 8177

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

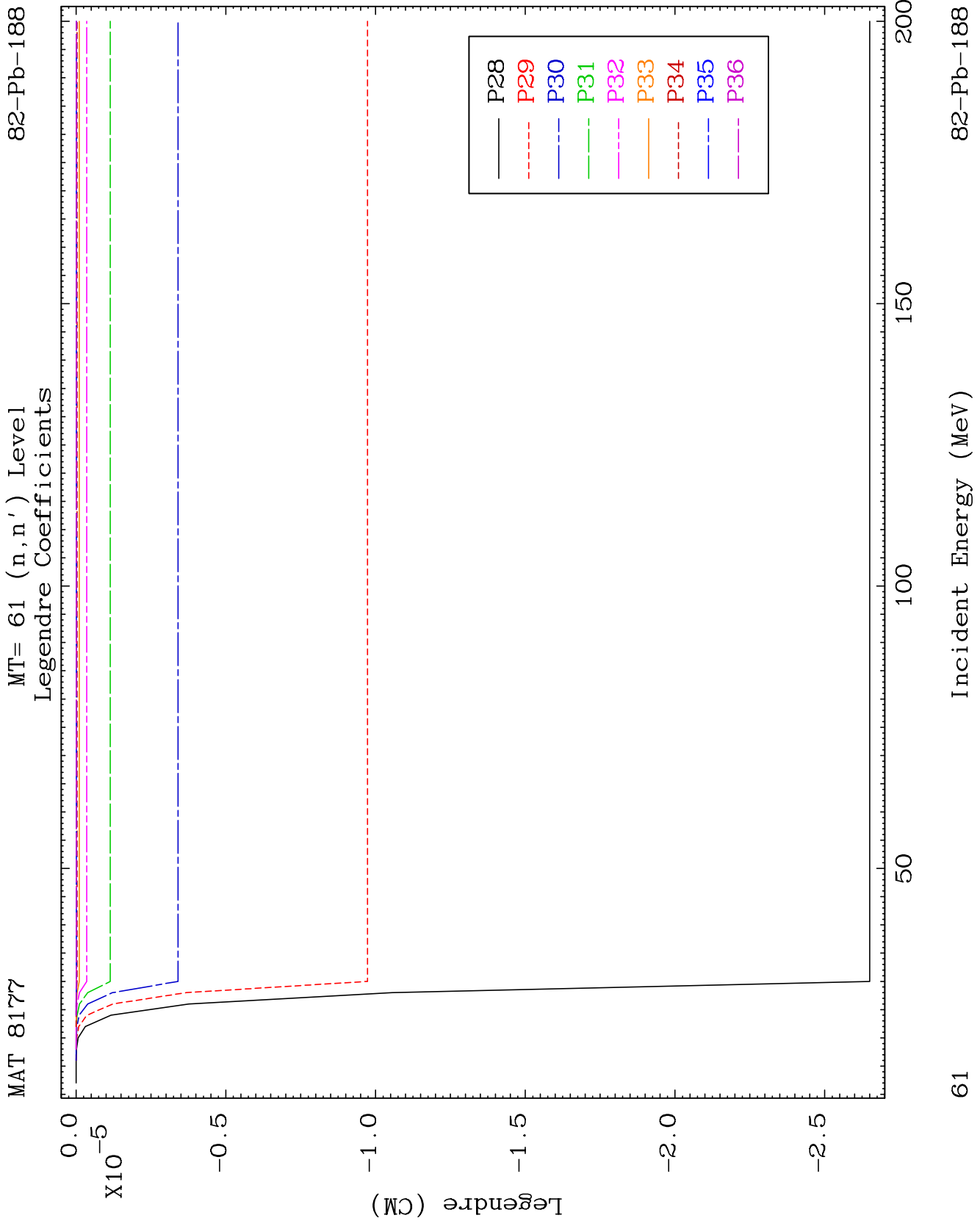
82-Pb-188



60

Incident Energy (MeV)

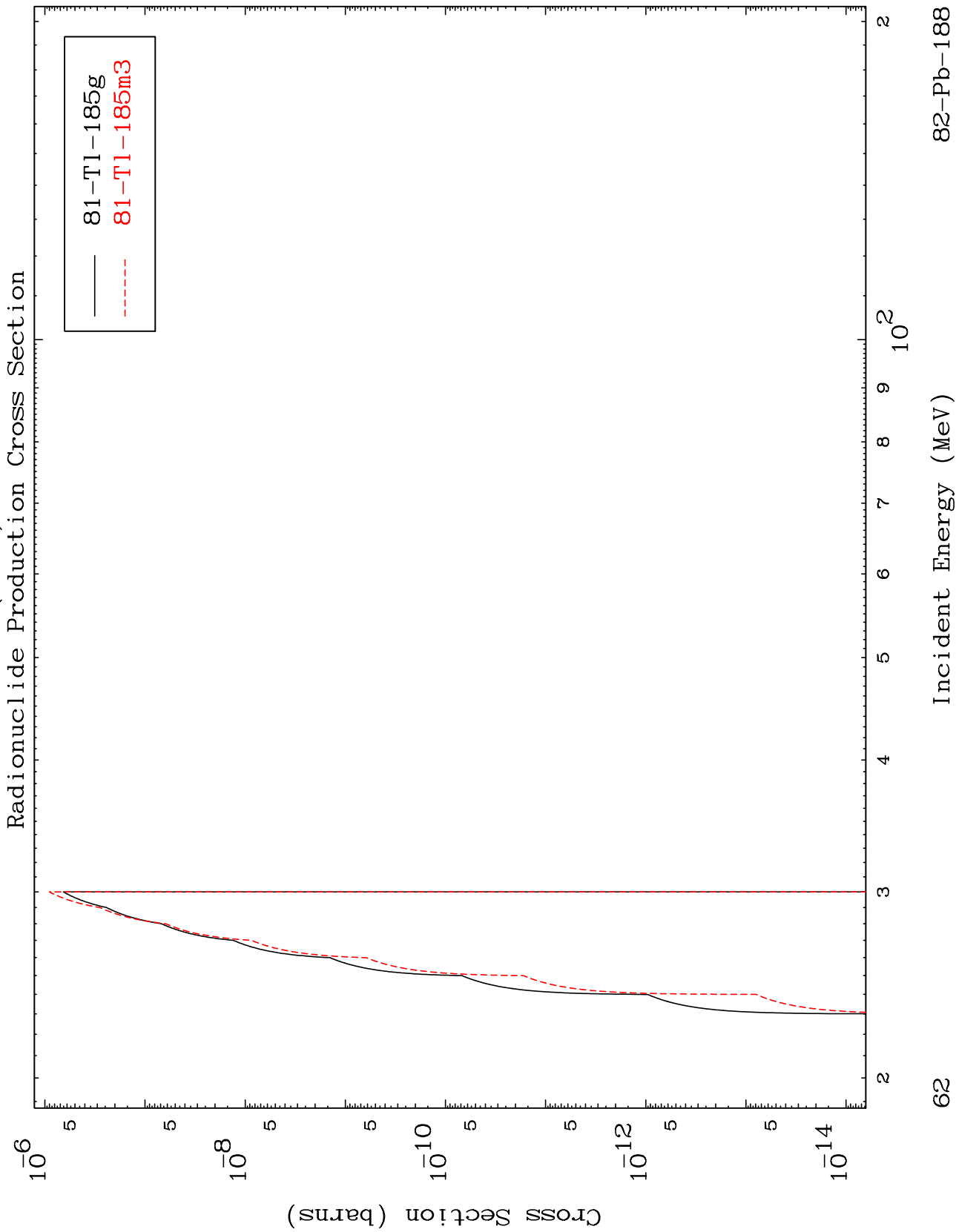
82-Pb-188



MAT 8177

(n,2n) d

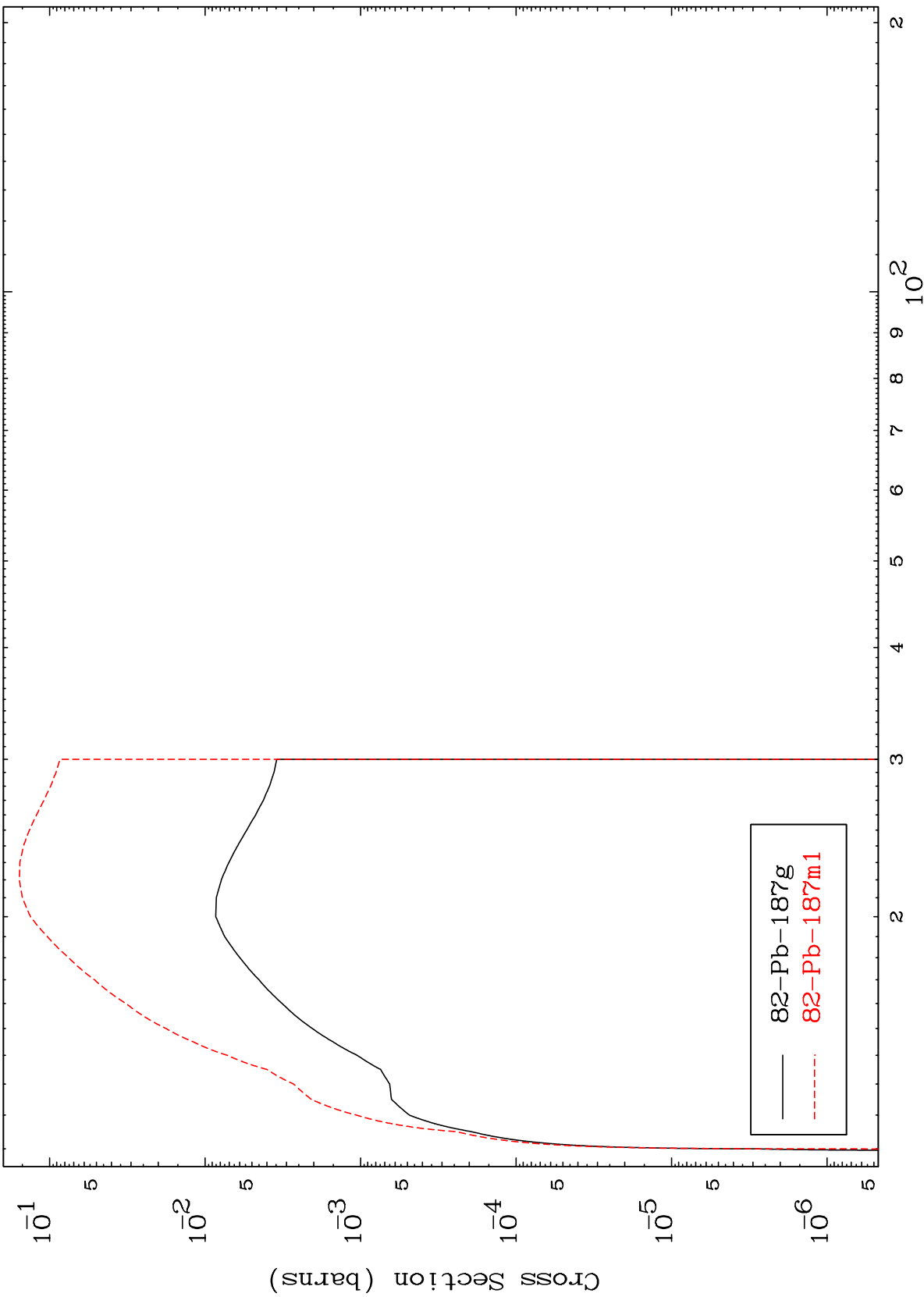
82-Pb-188



62

82-Pb-188

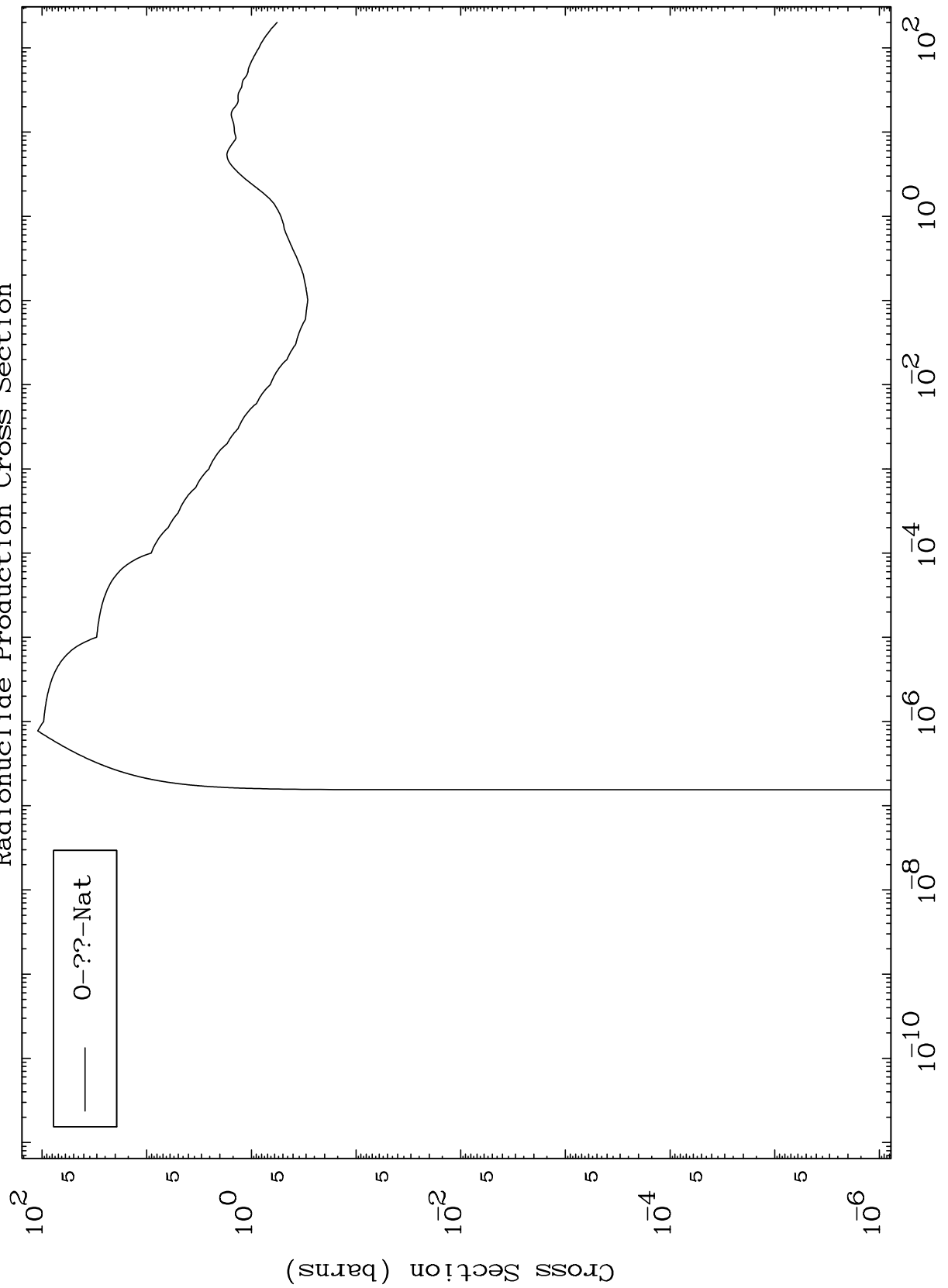
(n,2n) Radionuclide Production Cross Section



MAT 8177

82-Pb-188

Fission
Radionuclide Production Cross Section



64

82-Pb-188

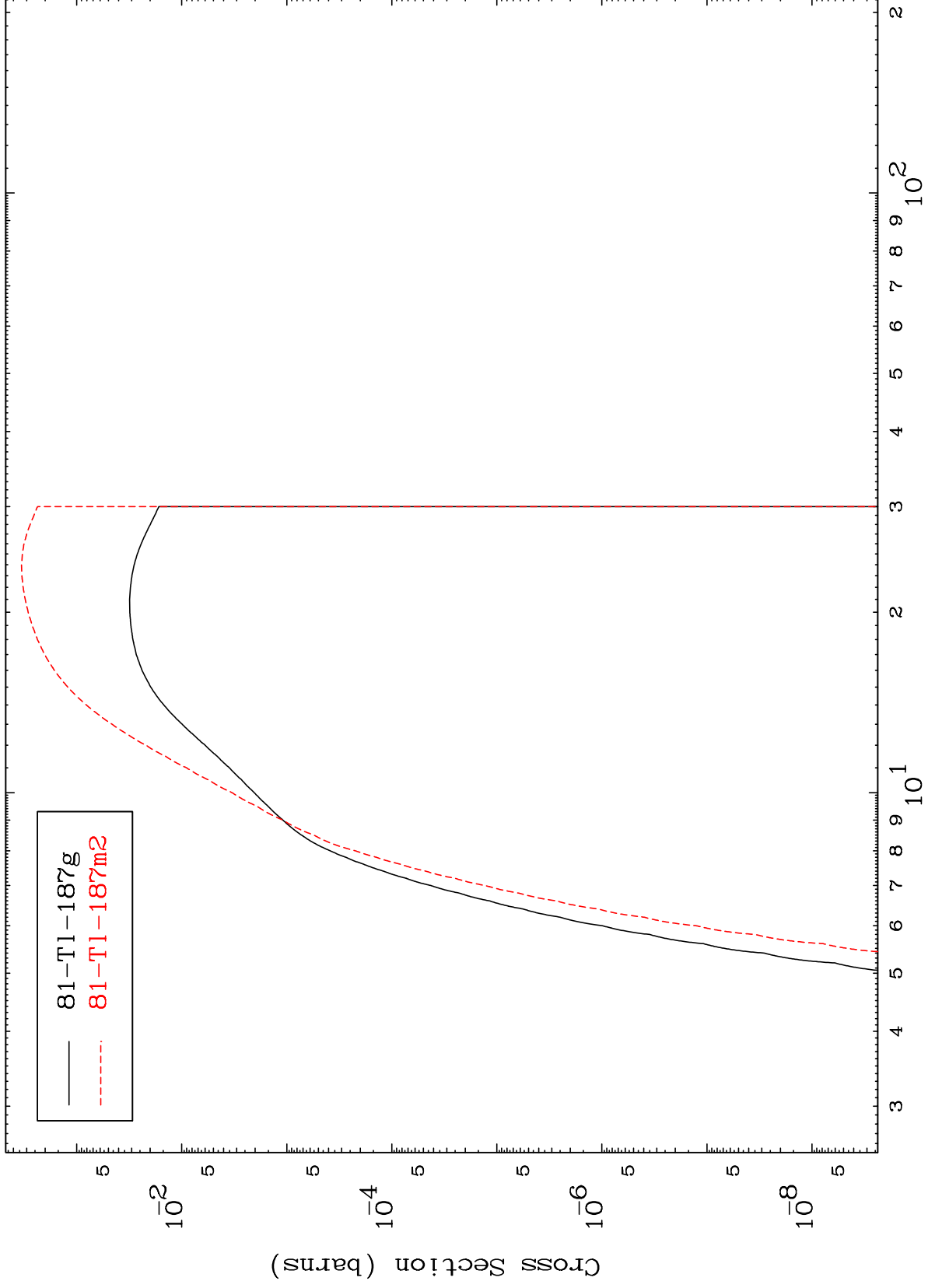
Incident Energy (MeV)

MAT 8177

(n,n') p

82-Pb-188

Radionuclide Production Cross Section

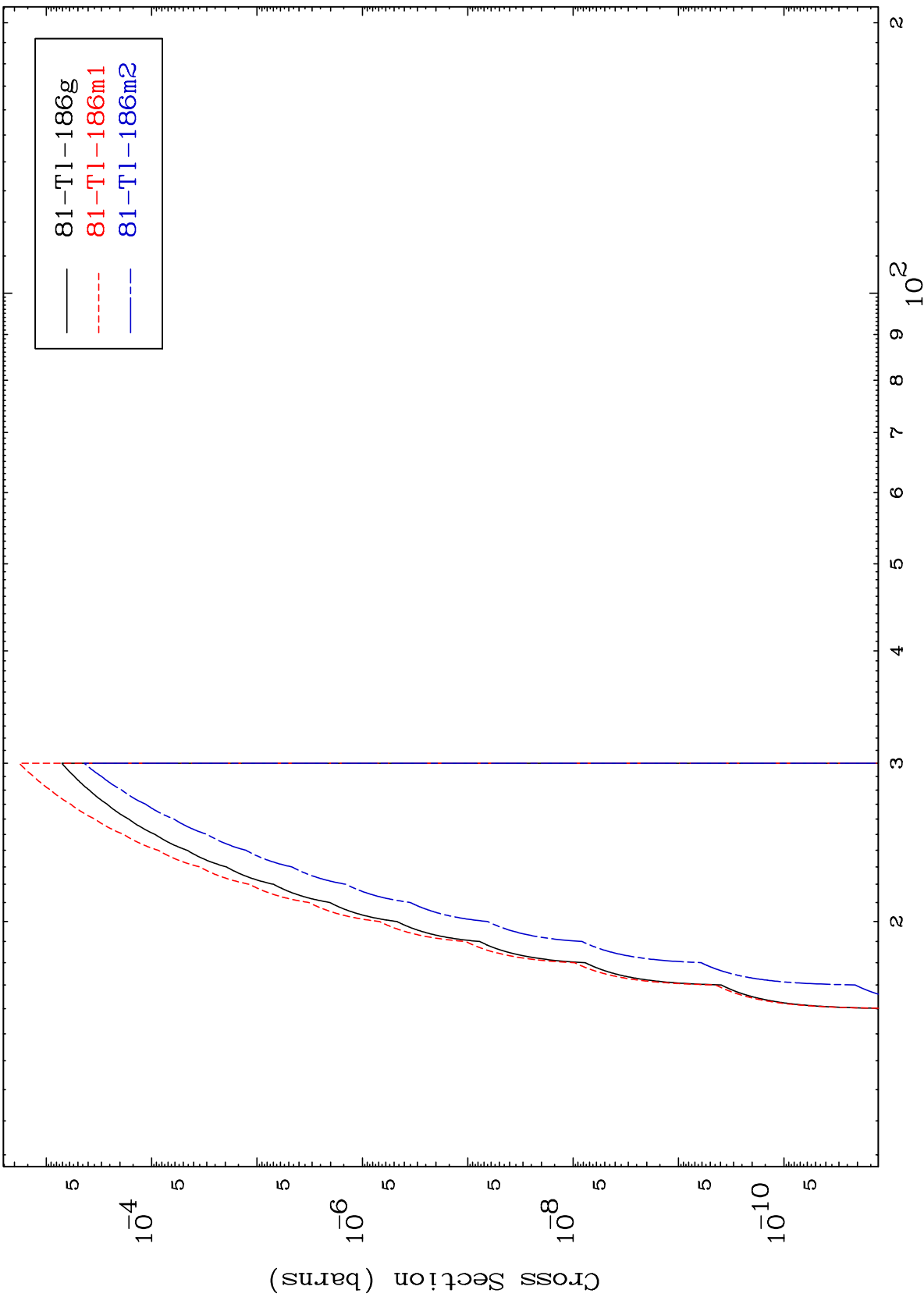


65

Incident Energy (MeV)

82-Pb-188

Radionuclide Production Cross Section

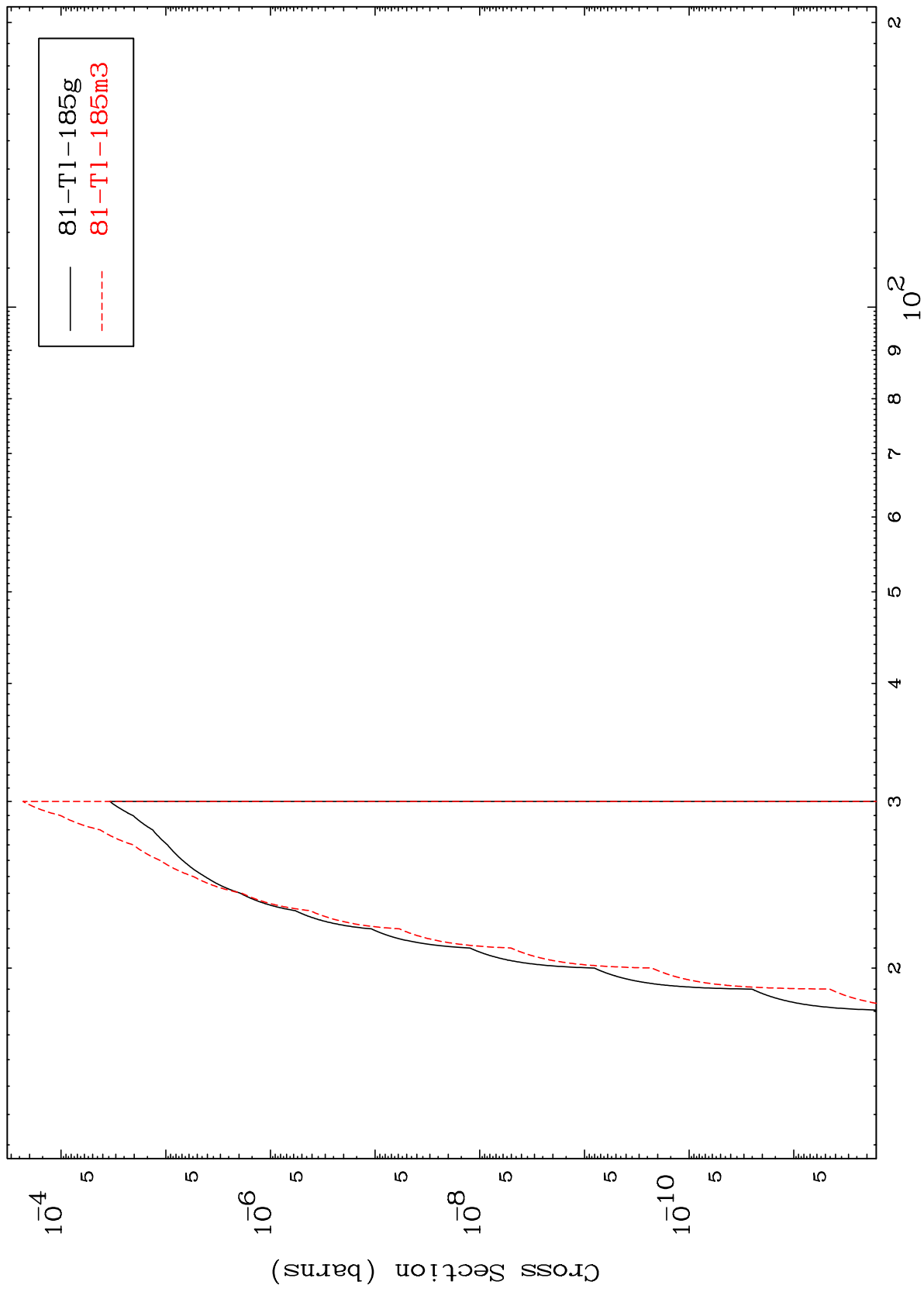


MAT 8177

(n,n') t

82-Pb-188

Radionuclide Production Cross Section



67

Incident Energy (MeV)

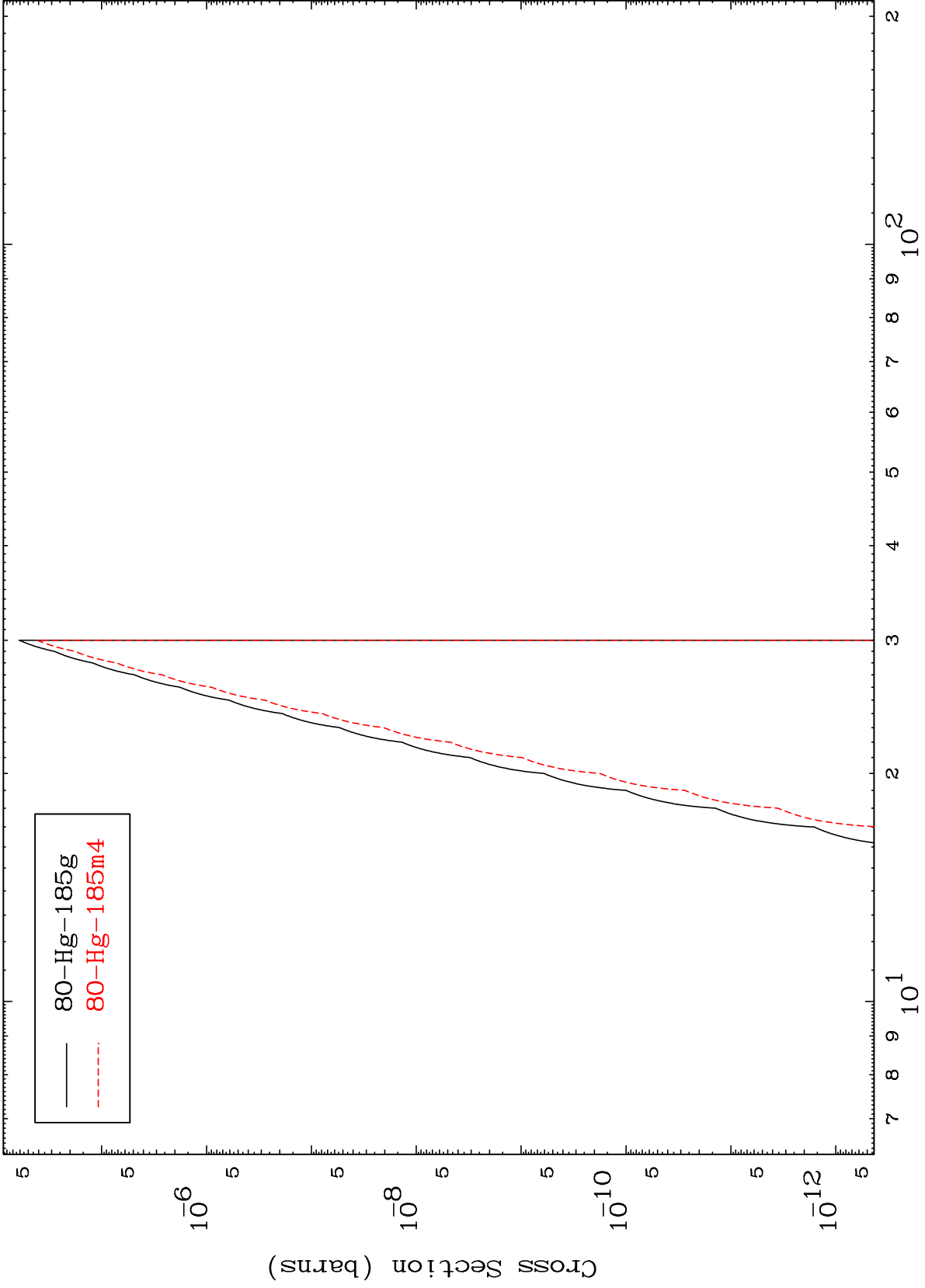
82-Pb-188

MAT 8177

(n,n') He-3

82-Pb-188

Radionuclide Production Cross Section

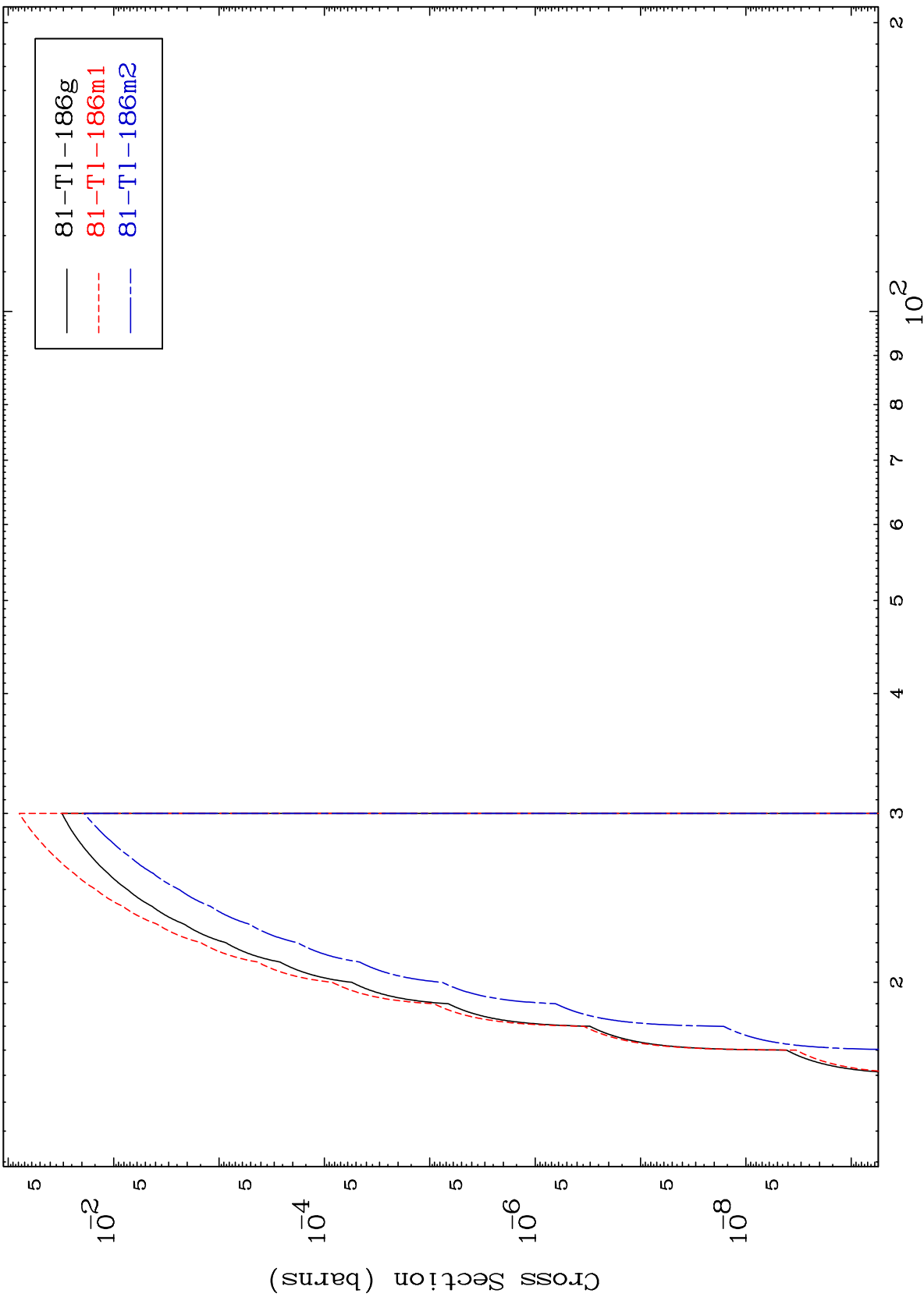


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Incident Energy (MeV)

82-Pb-188

Radionuclide Production Cross Section



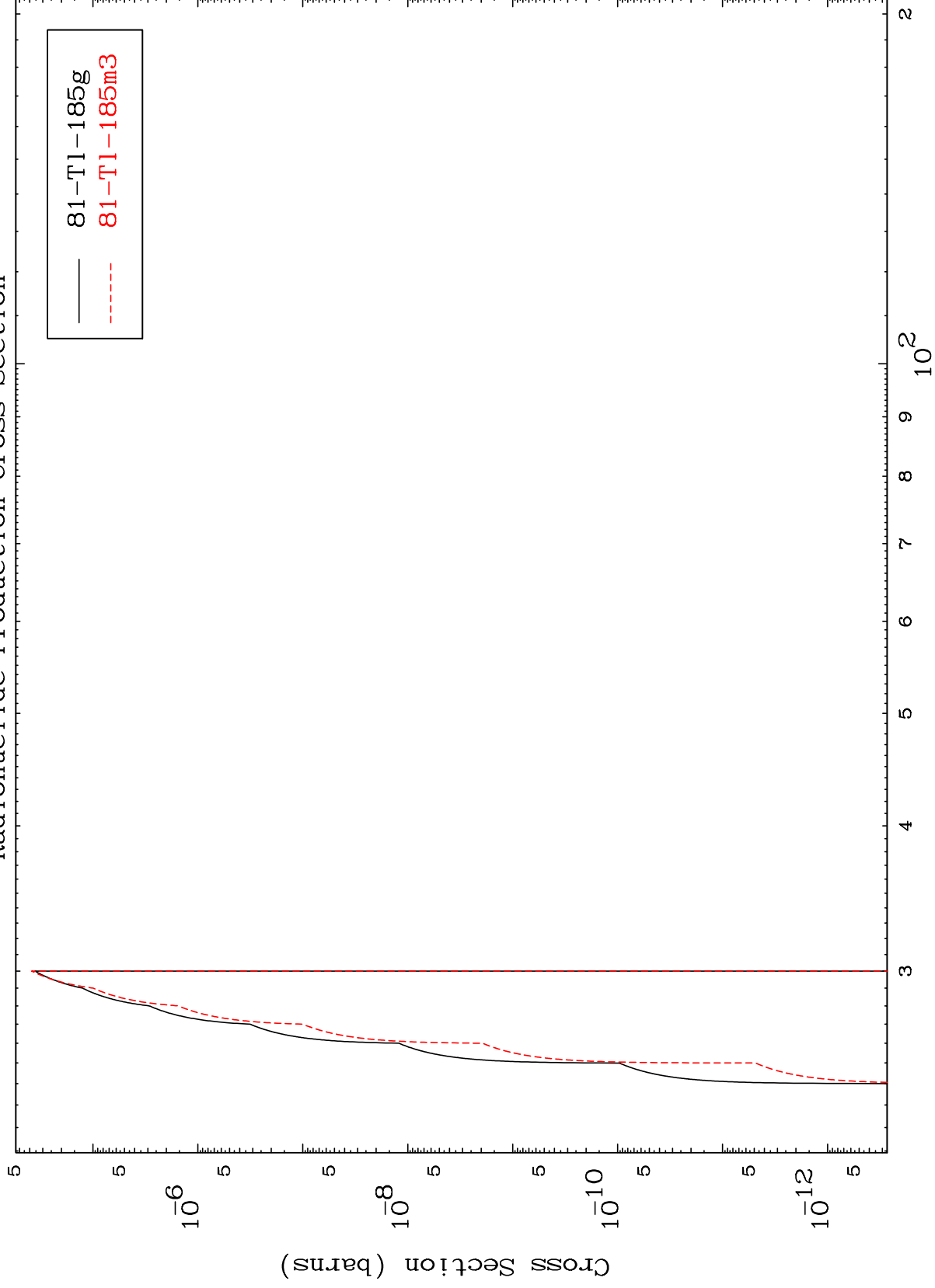
81-Tl-186g
81-Tl-186m1
81-Tl-186m2

MAT 81777

(n,3n) p

82-Pb-188

Radionuclide Production Cross Section



70

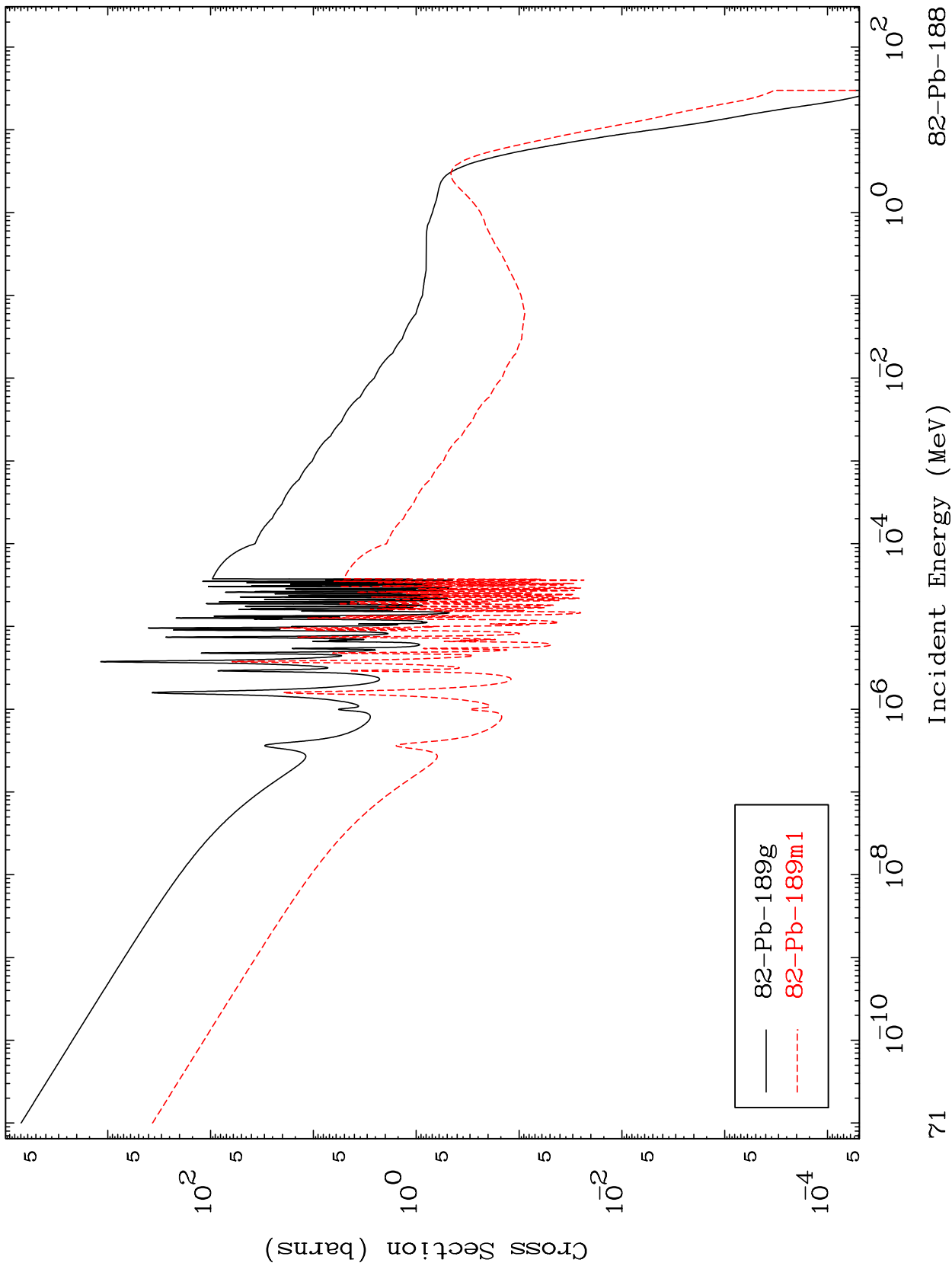
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

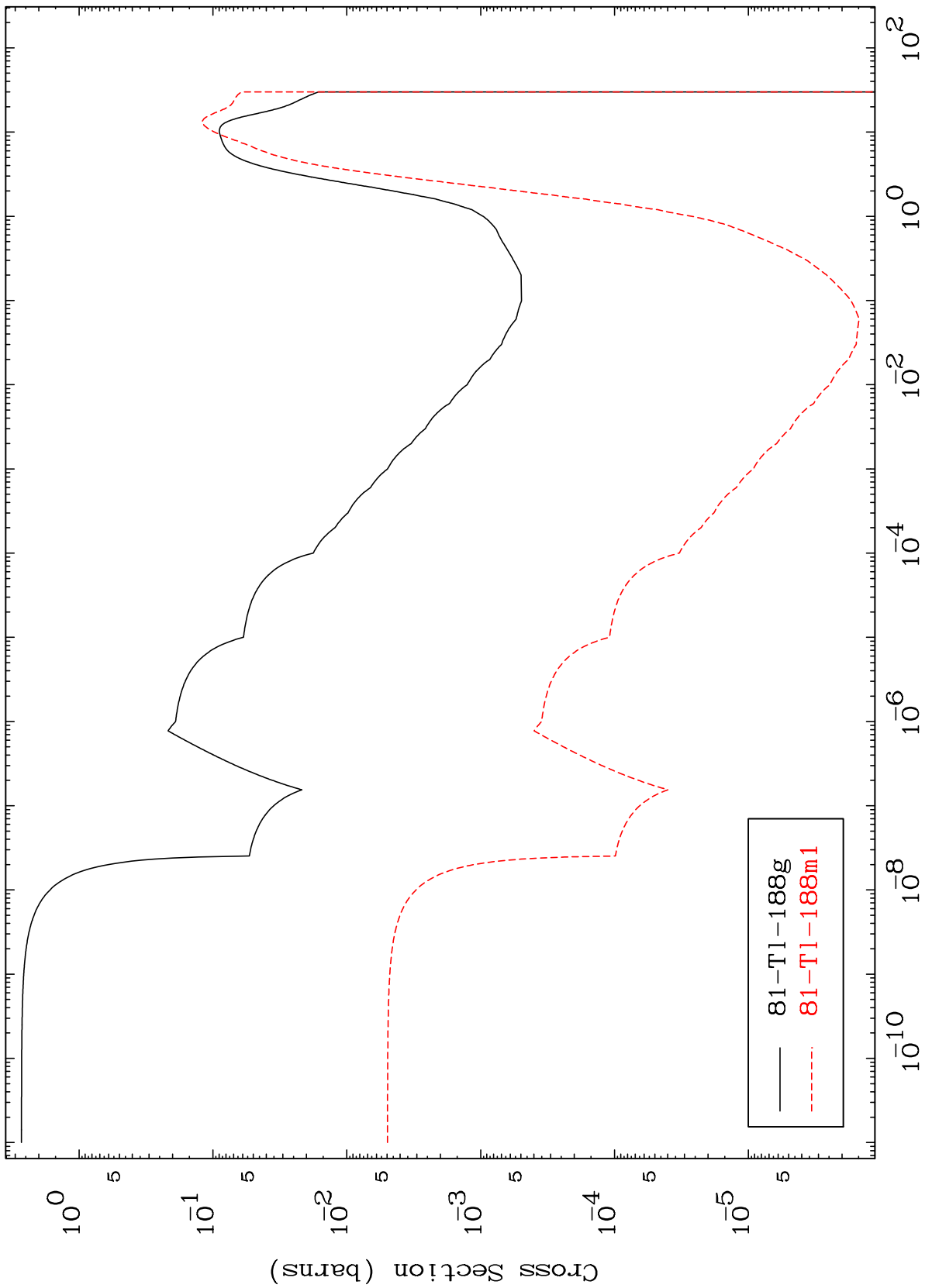
(n,γ)
Radionuclide Production Cross Section



MAT 8177

82-Pb-188

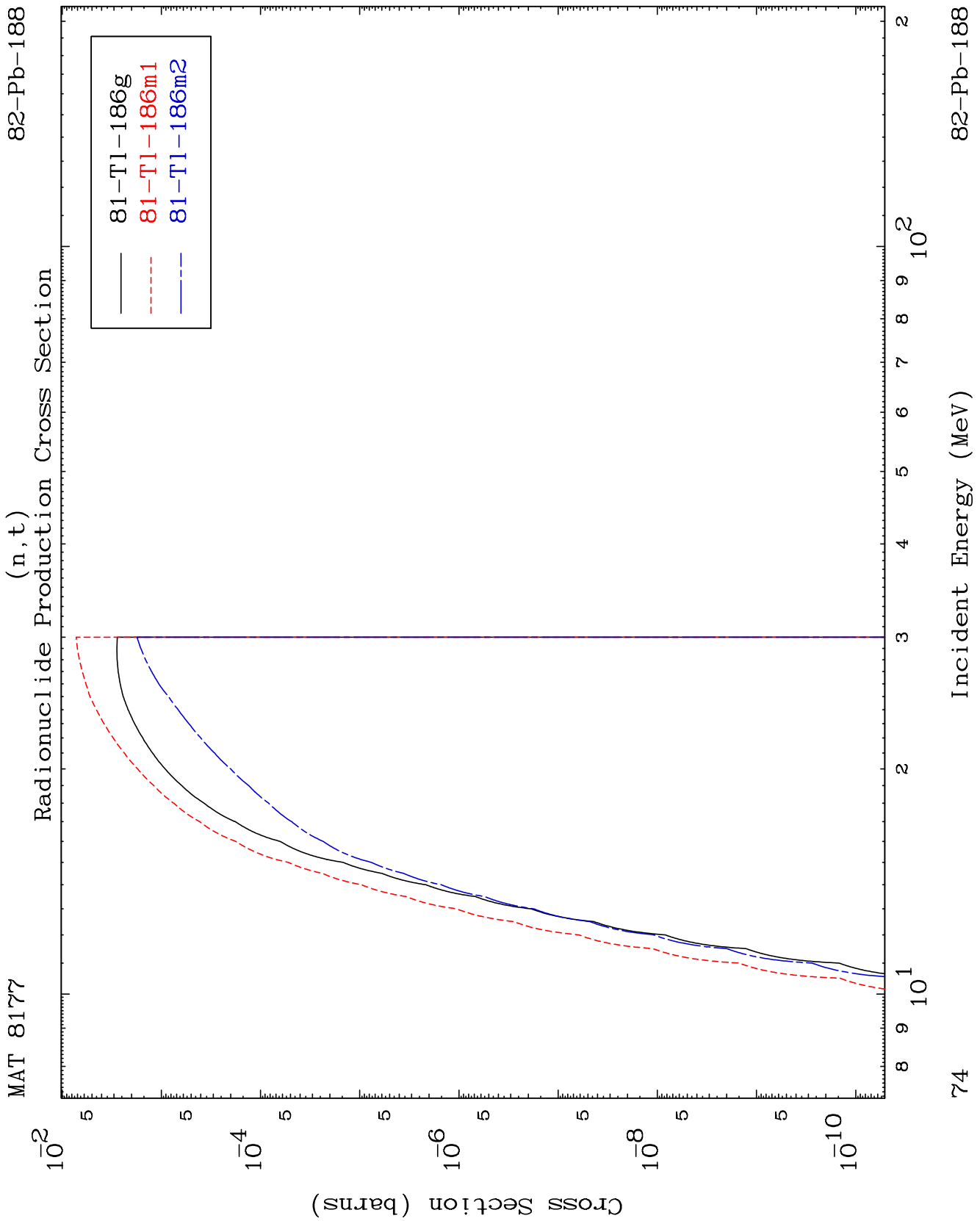
(n,p)
Radionuclide Production Cross Section



72

82-Pb-188

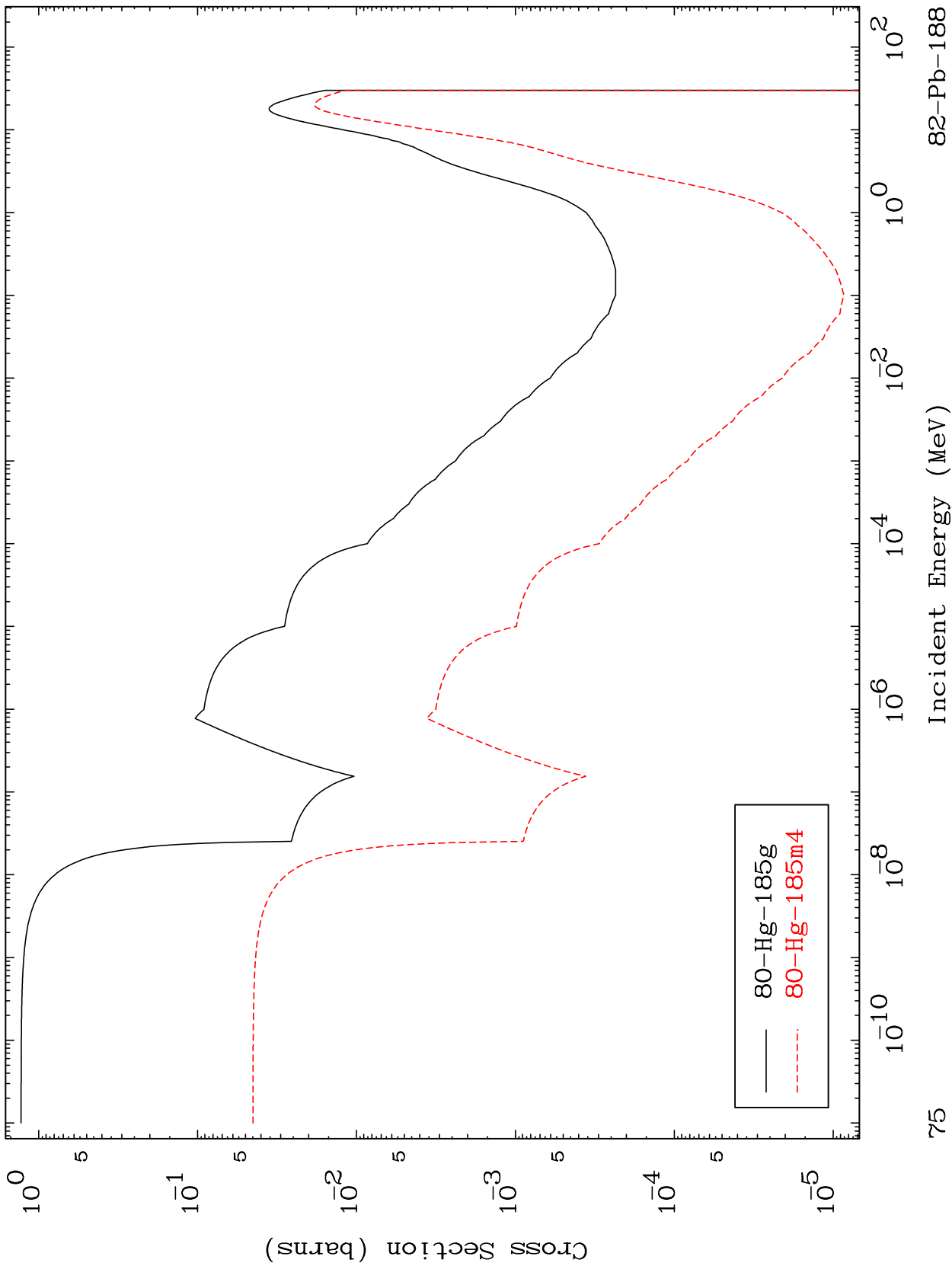
Incident Energy (MeV)



MAT 8177

82-Pb-188

(n, α)
Radionuclide Production Cross Section



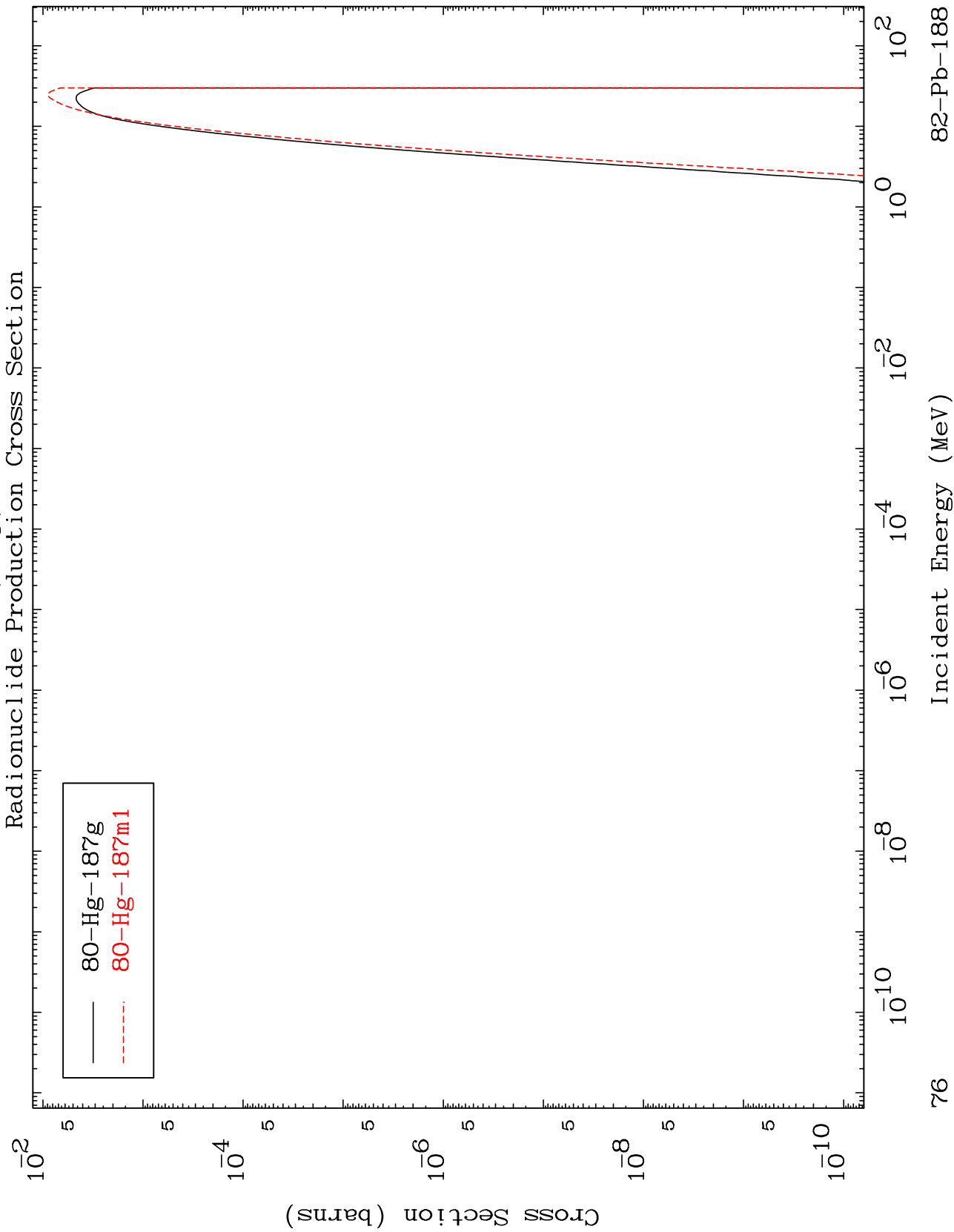
75

82-Pb-188

MAT 8177

82-Pb-188

(n,2p)
Radionuclide Production Cross Section



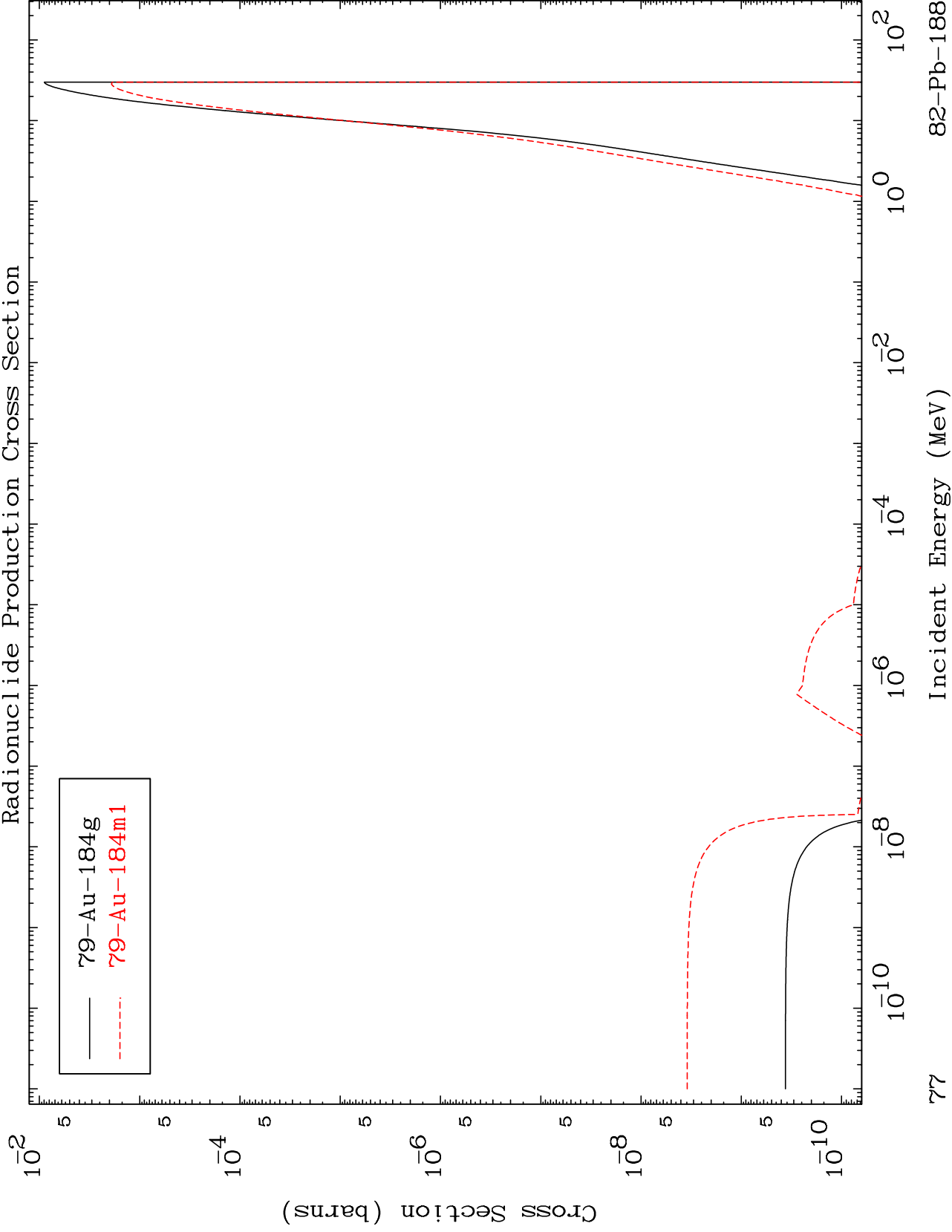
76

MAT 8177

(n,p) α

82-Pb-188

Radionuclide Production Cross Section



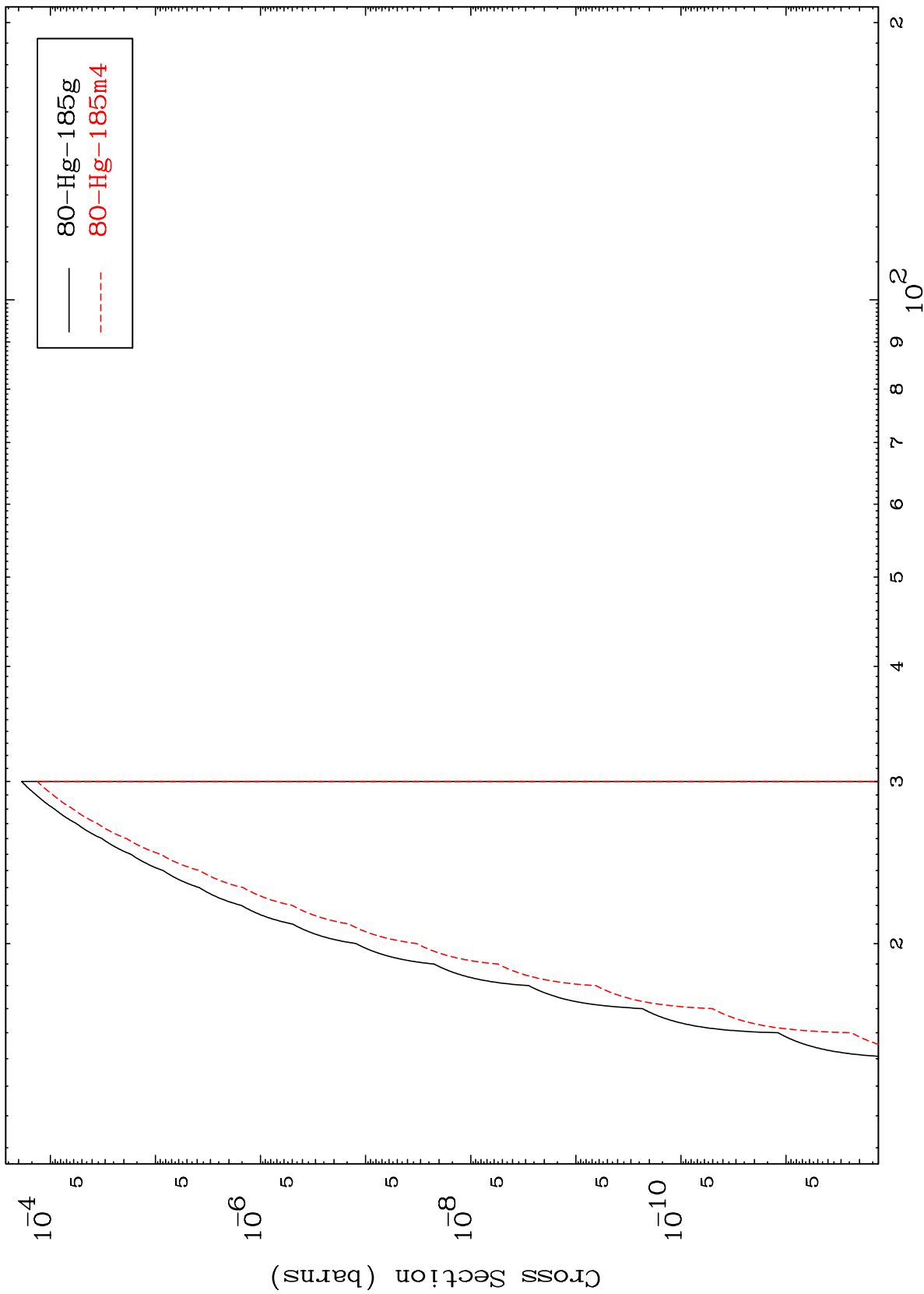
77

MAT 8177

(n,p) t

82-Pb-188

Radionuclide Production Cross Section



78

Incident Energy (MeV)

82-Pb-188