

Program EVALPLOT
(Version 2018-1)

by

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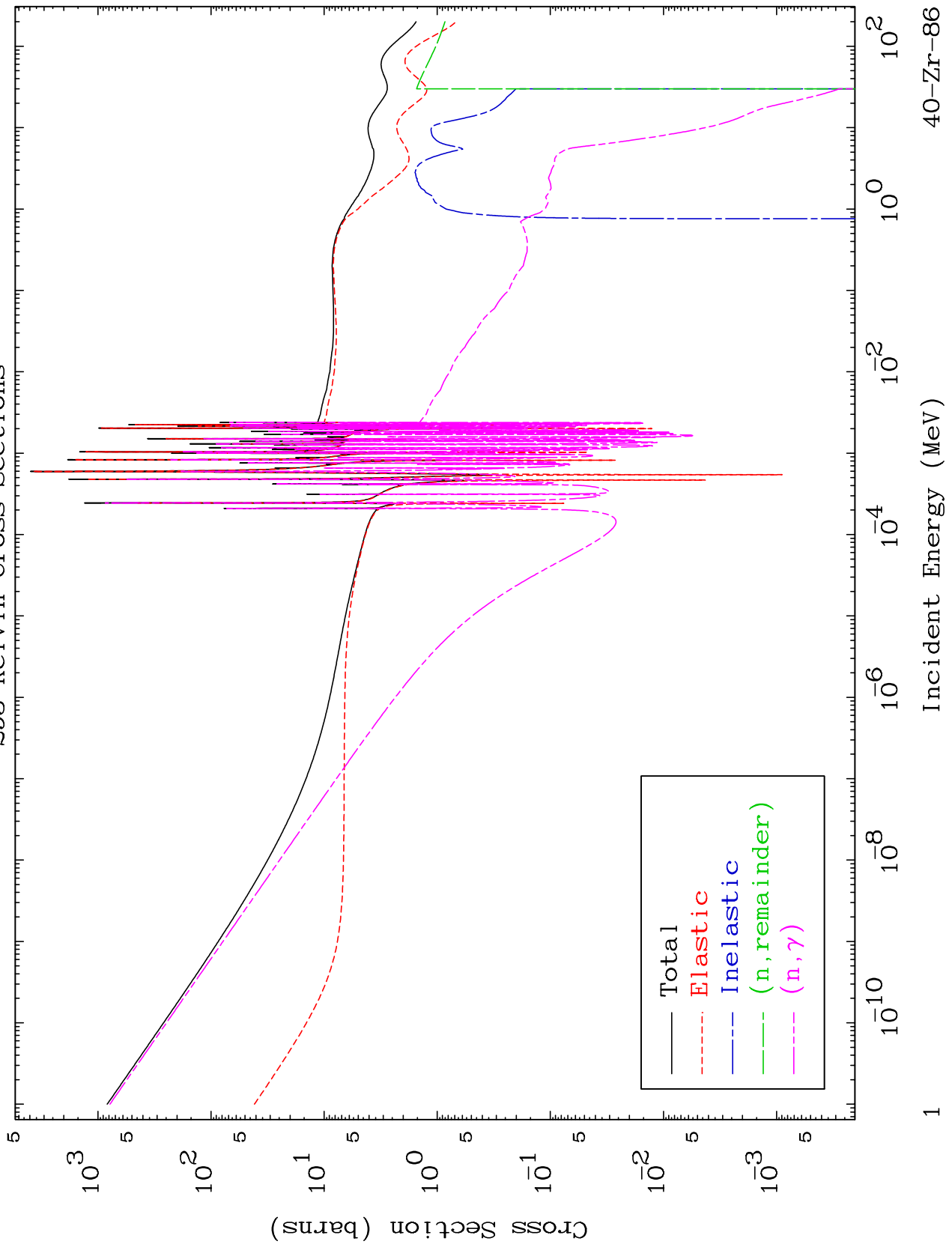
Press Mouse Button to Start

MAT 4013

Major

293 Kelvin Cross Sections

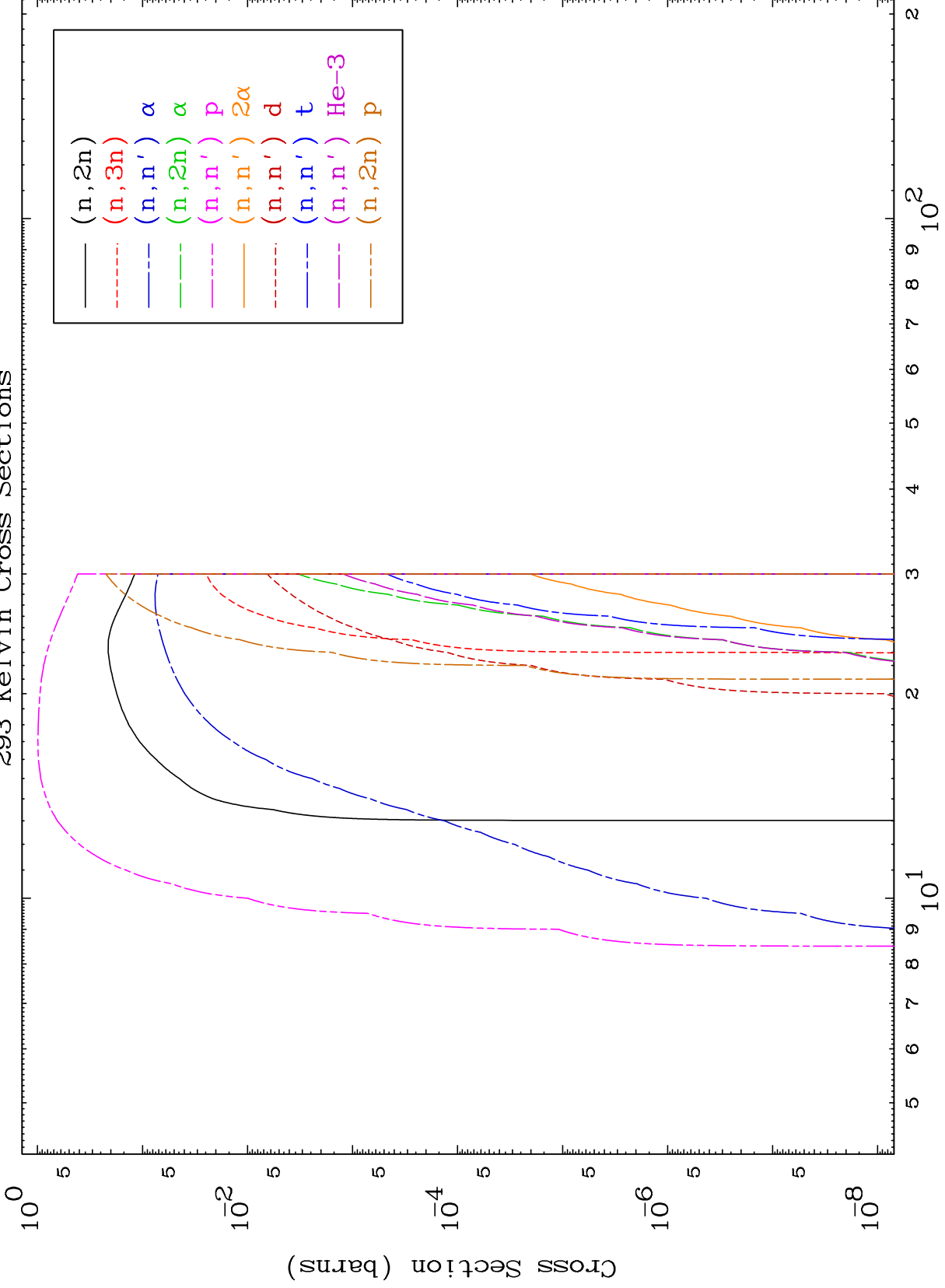
40-Zr-86



MAT 4013

Neutron Production
293 Kelvin Cross Sections

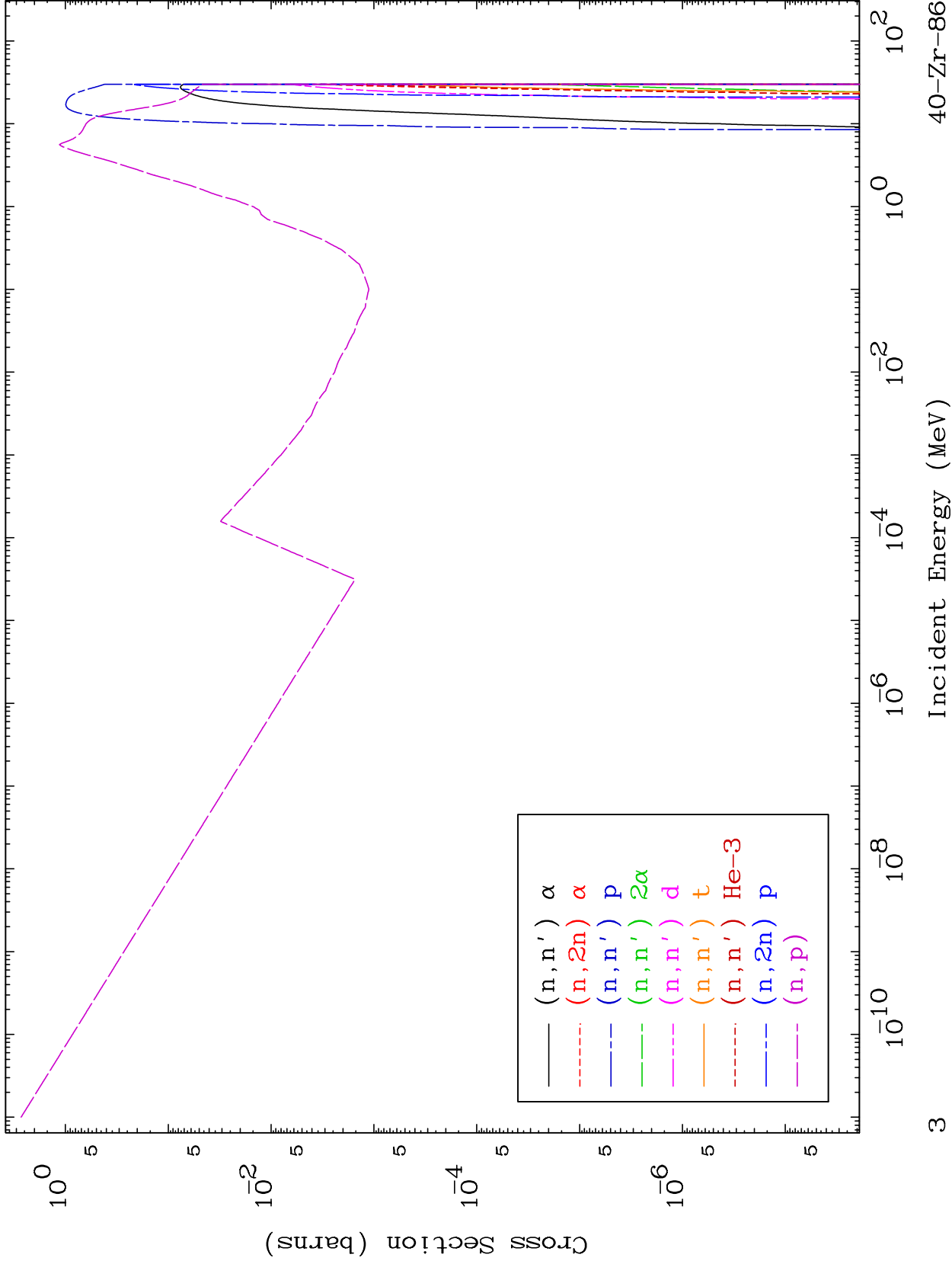
40-Zr-86



MAT 4013

Charged Particle
293 Kelvin Cross Sections

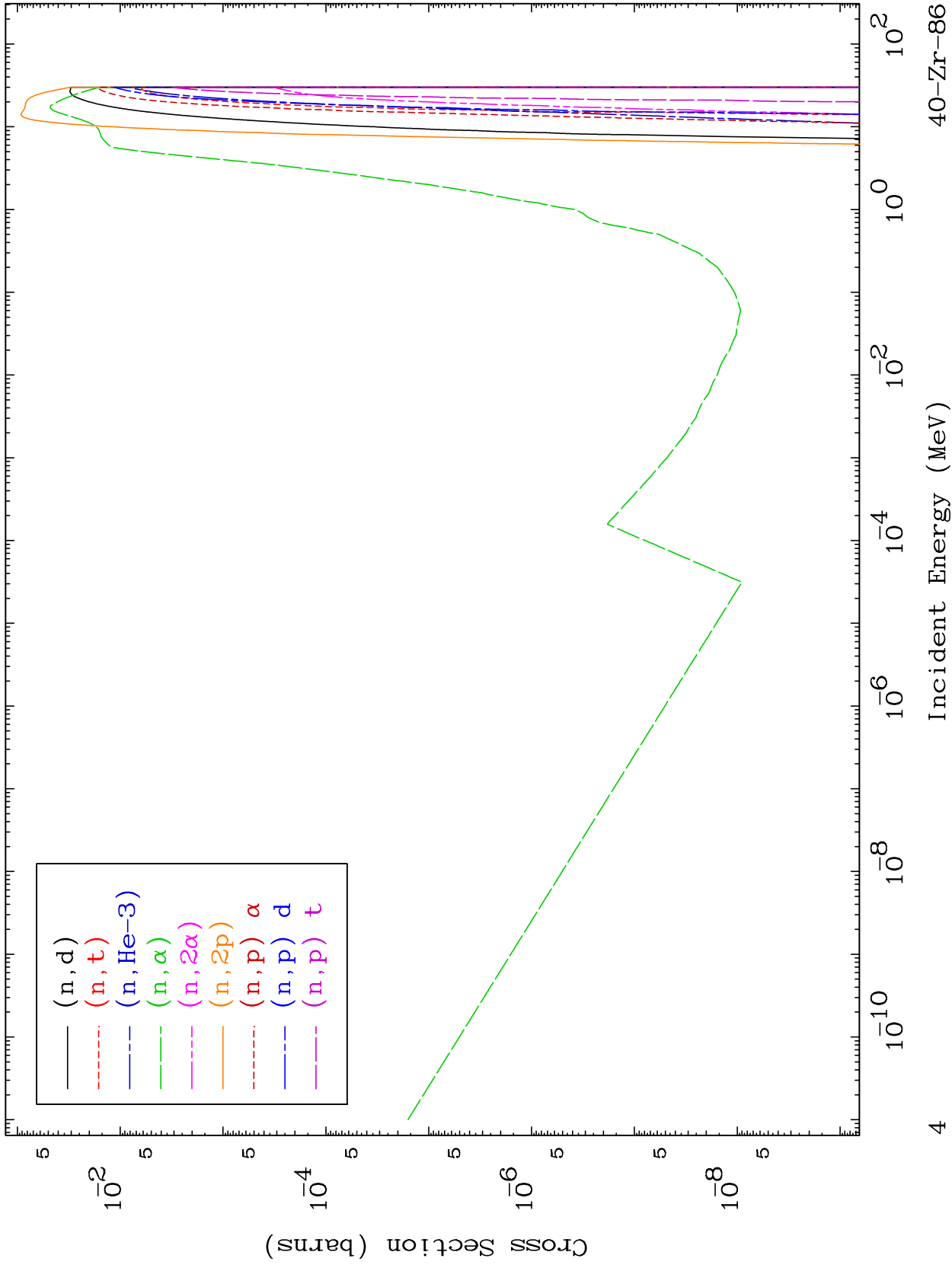
40-Zr-86

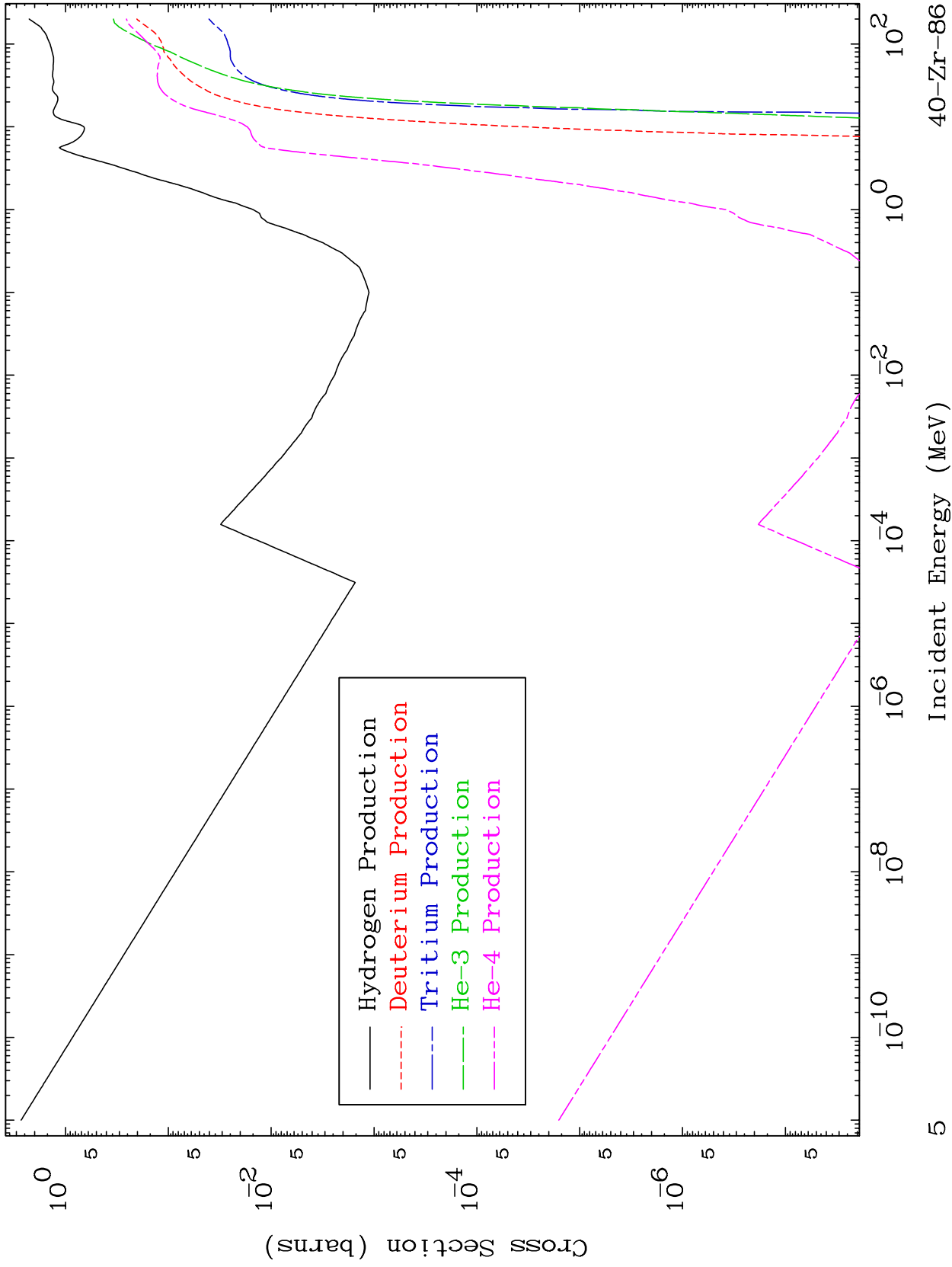


MAT 4013

Charged Particle
293 Kelvin Cross Sections

40-Zr-86



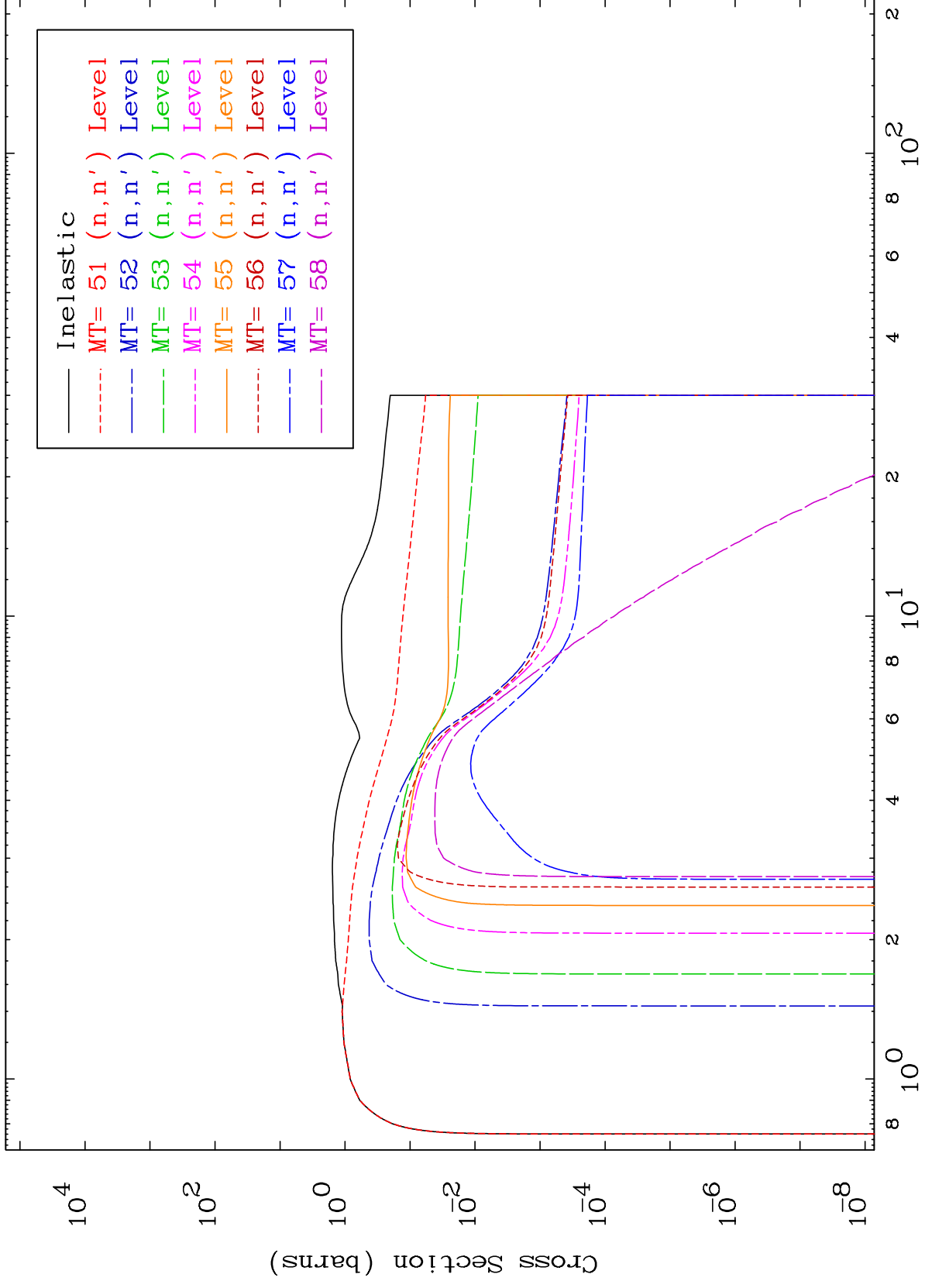


MAT 4013

(n,n') Level

40-Zr-86

293 Kelvin Cross Sections



Incident Energy (MeV)

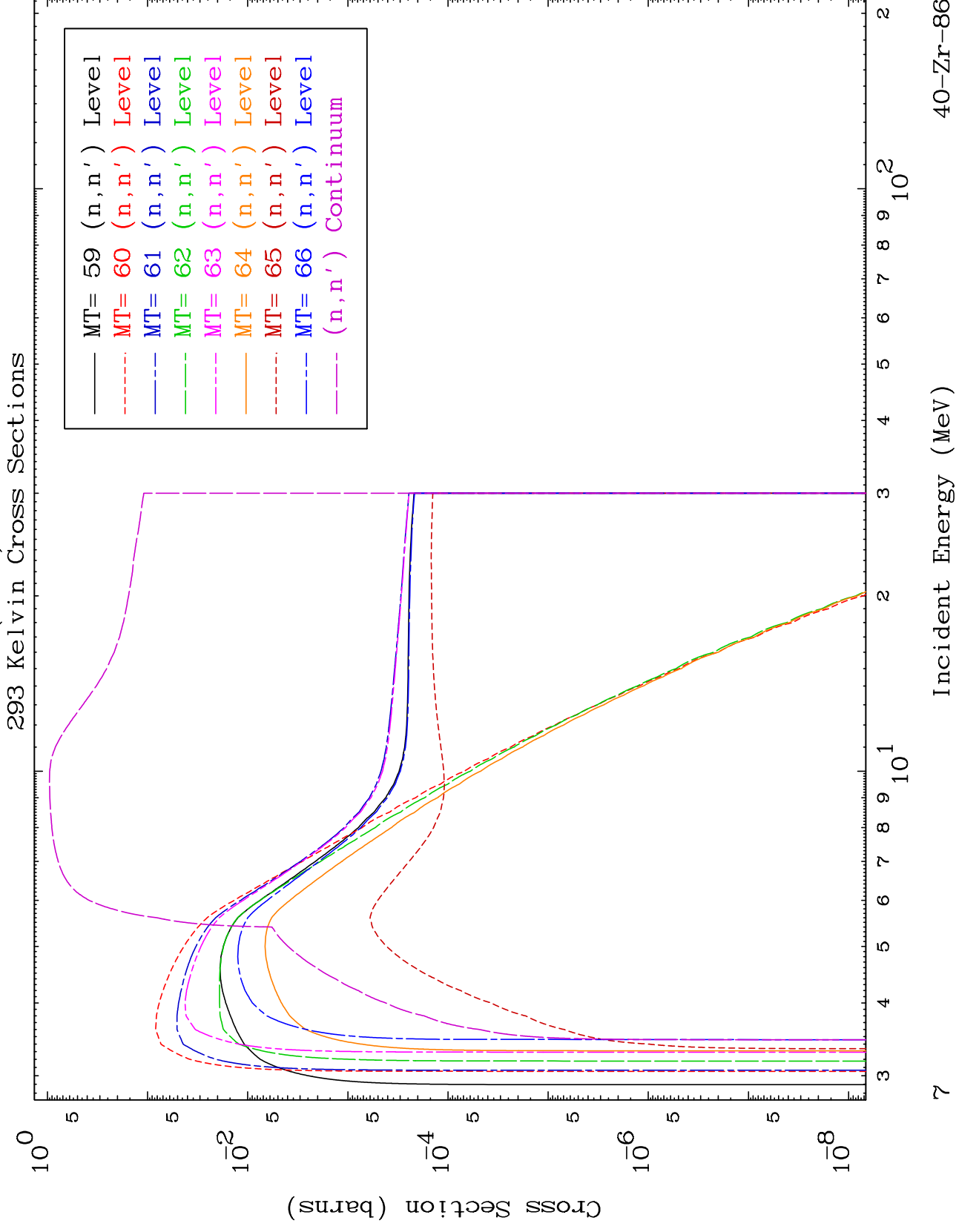
40-Zr-86

6

MAT 4013

(n,n') Level

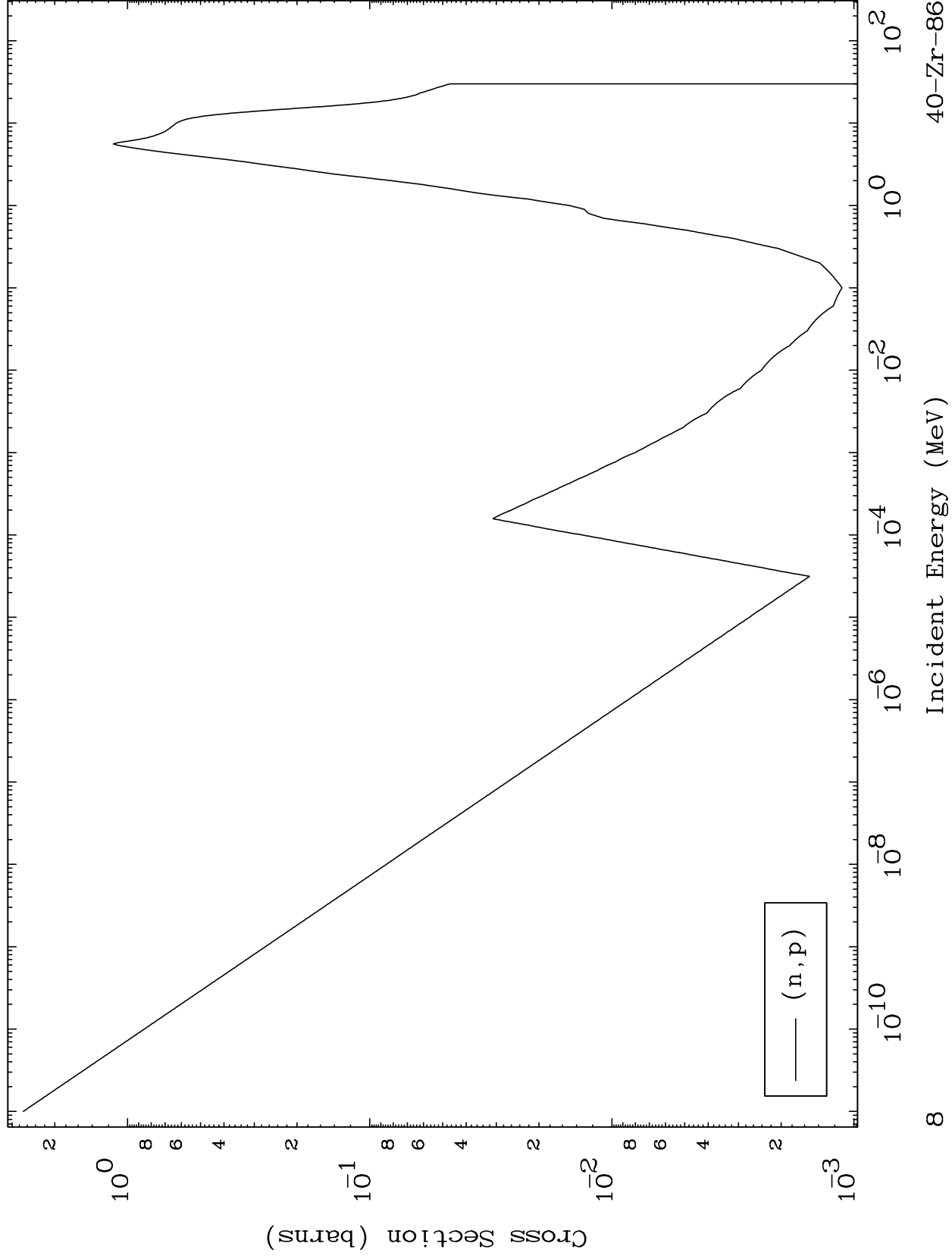
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MAT 4013

(n,p) Levels
293 Kelvin Cross Sections

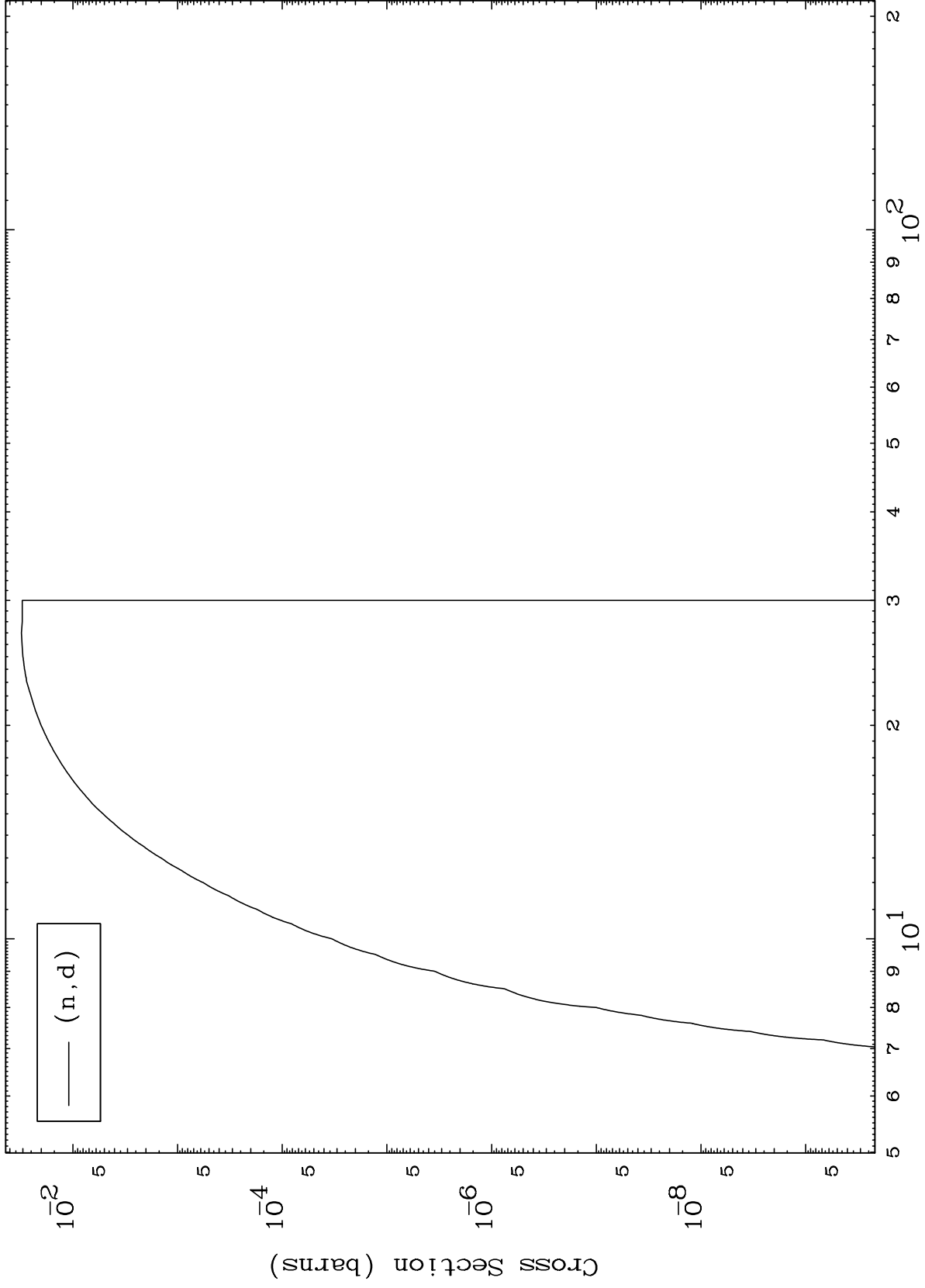
40-Zr-86



MAT 4013

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-86



9

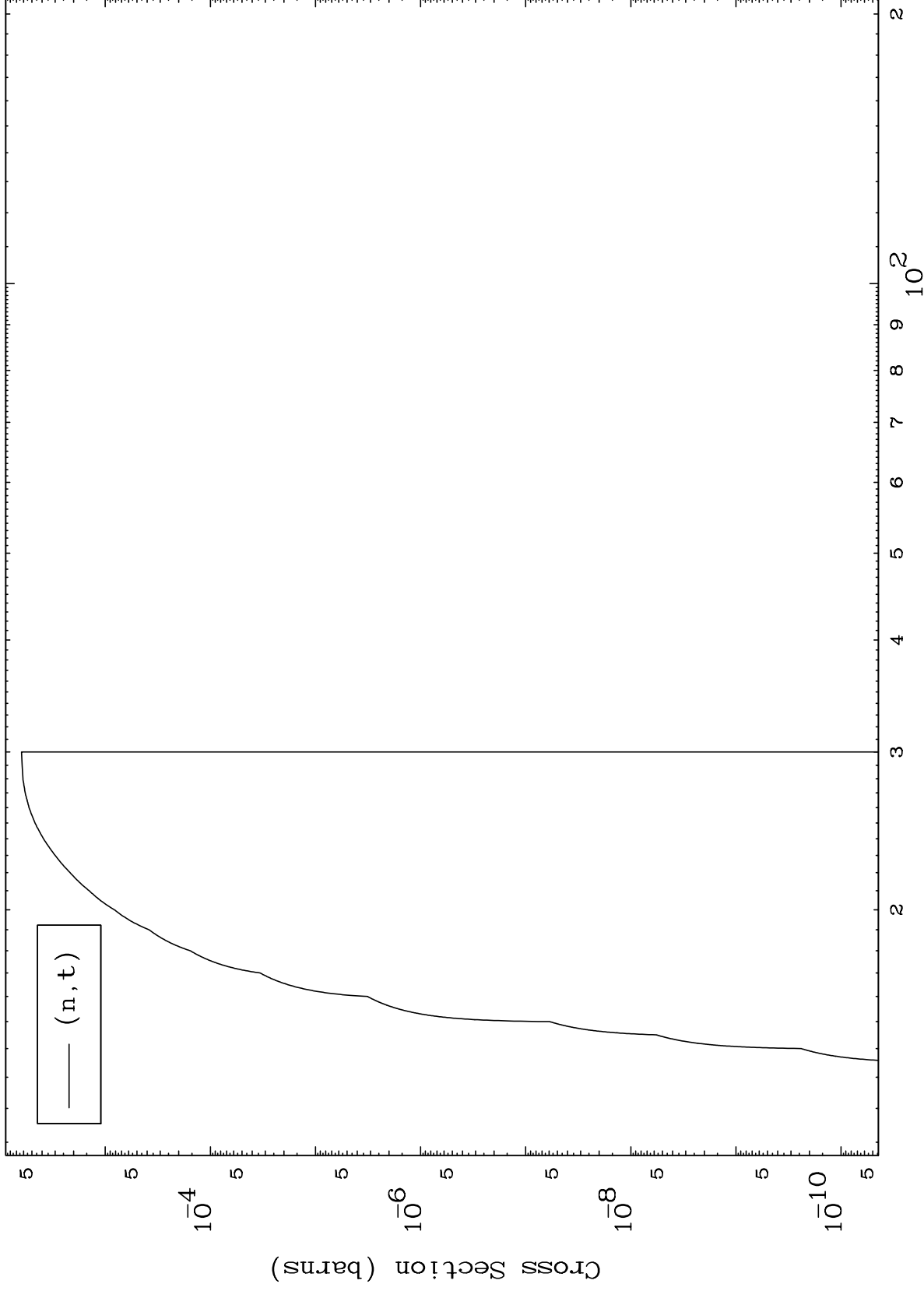
Incident Energy (MeV)

40-Zr-86

MAT 4013

(n,t) Levels
293 Kelvin Cross Sections

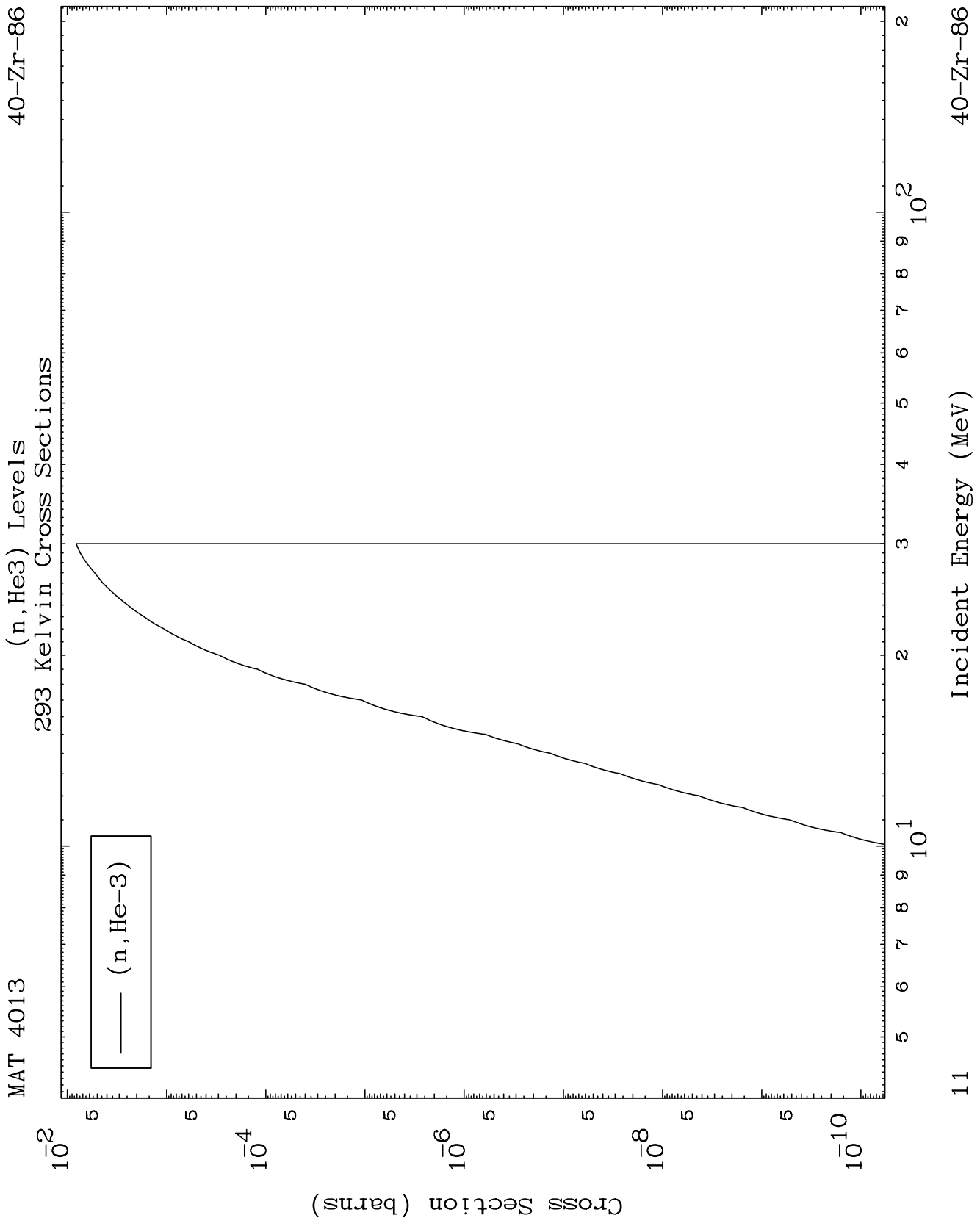
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10

Incident Energy (MeV)

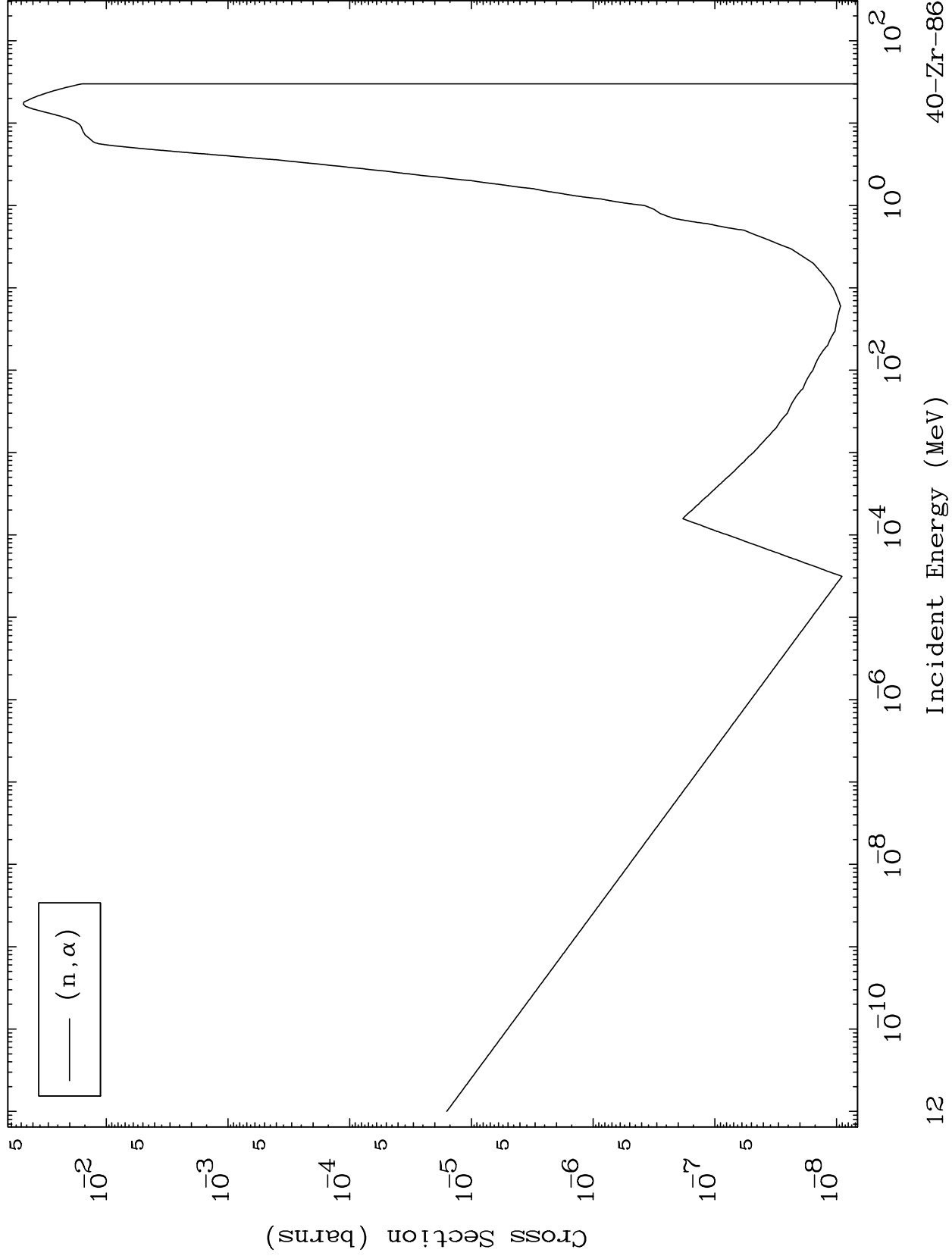
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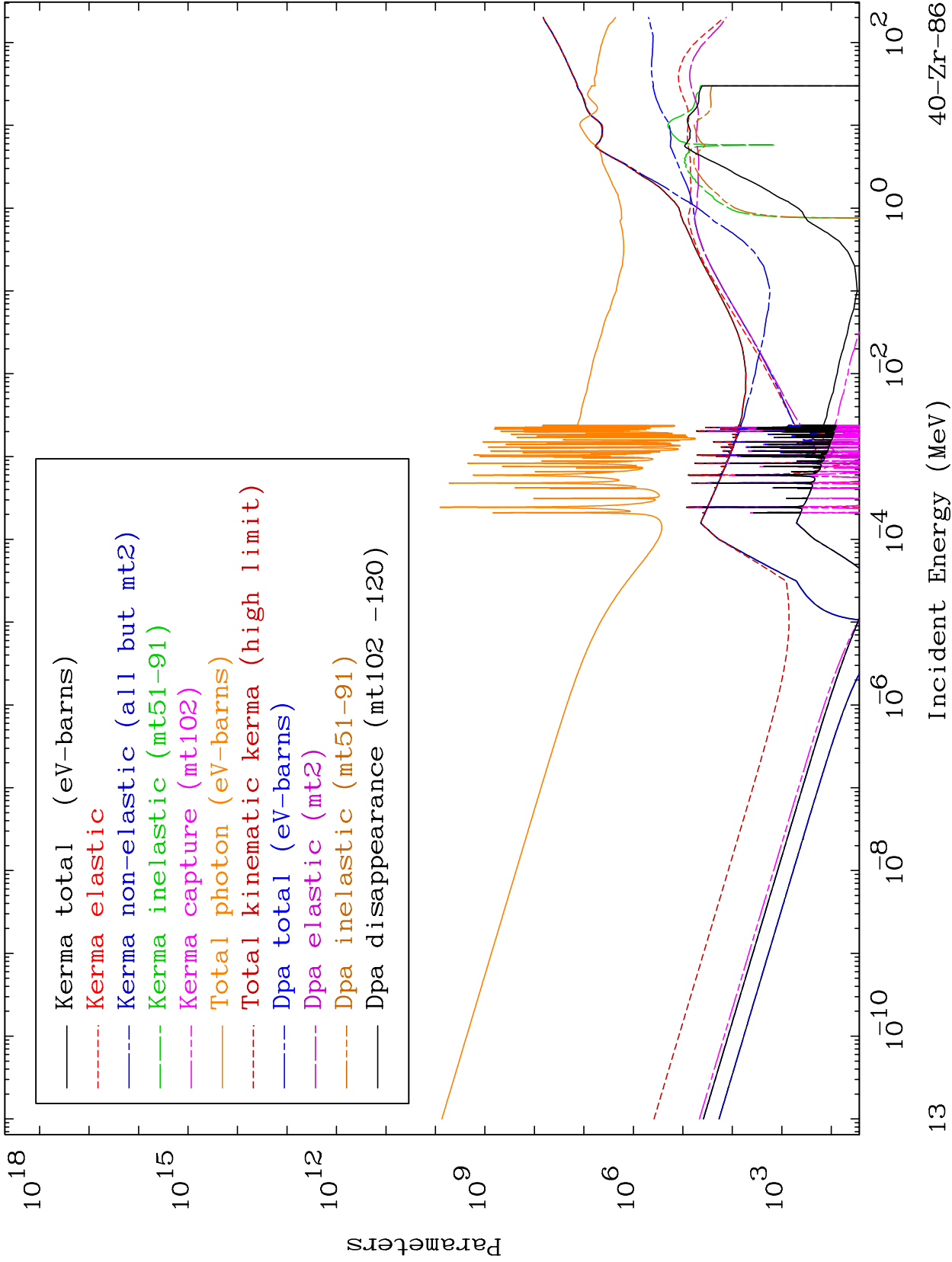


MAT 4013

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-86

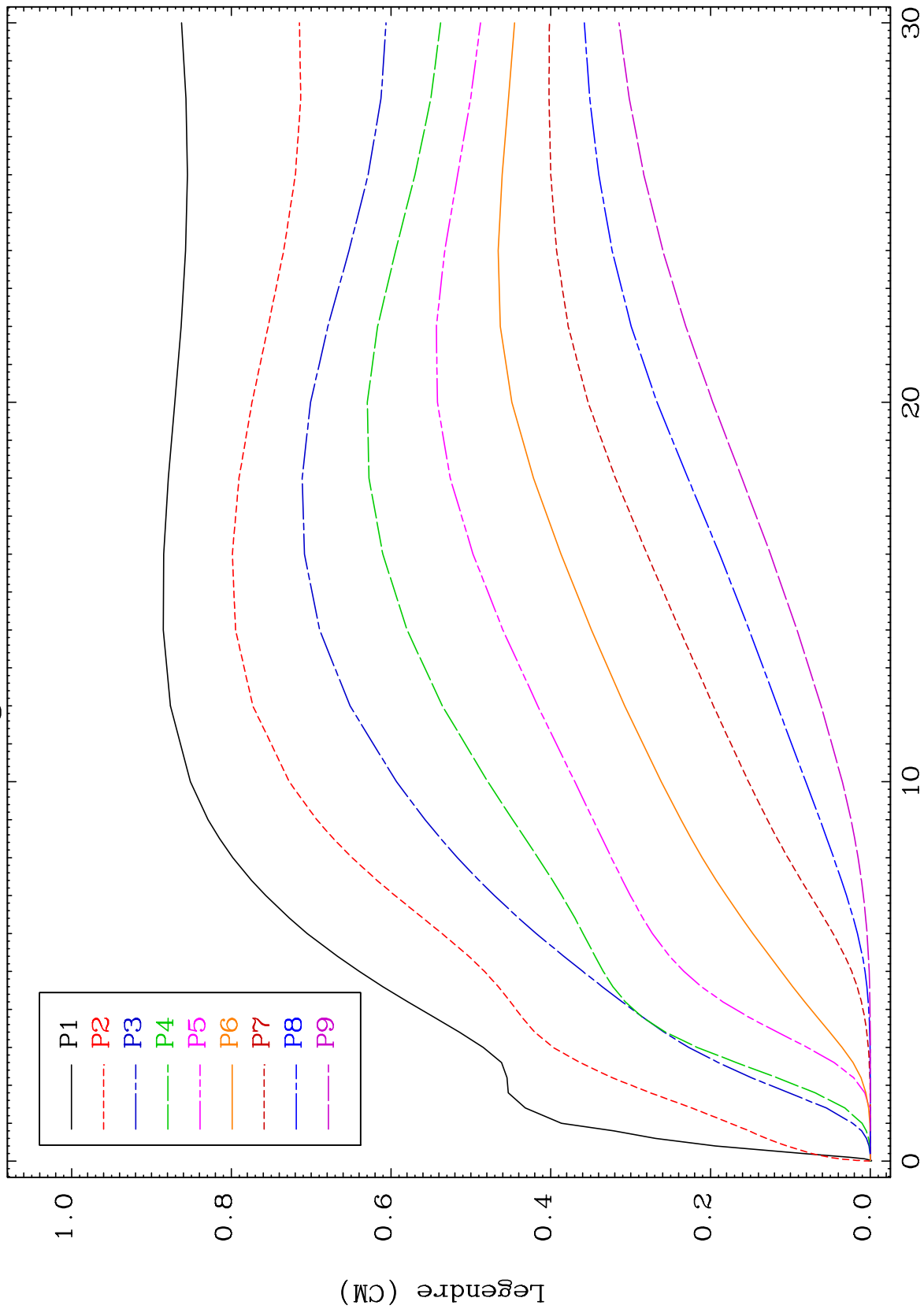




MAT 4013

Elastic Legendre Coefficients

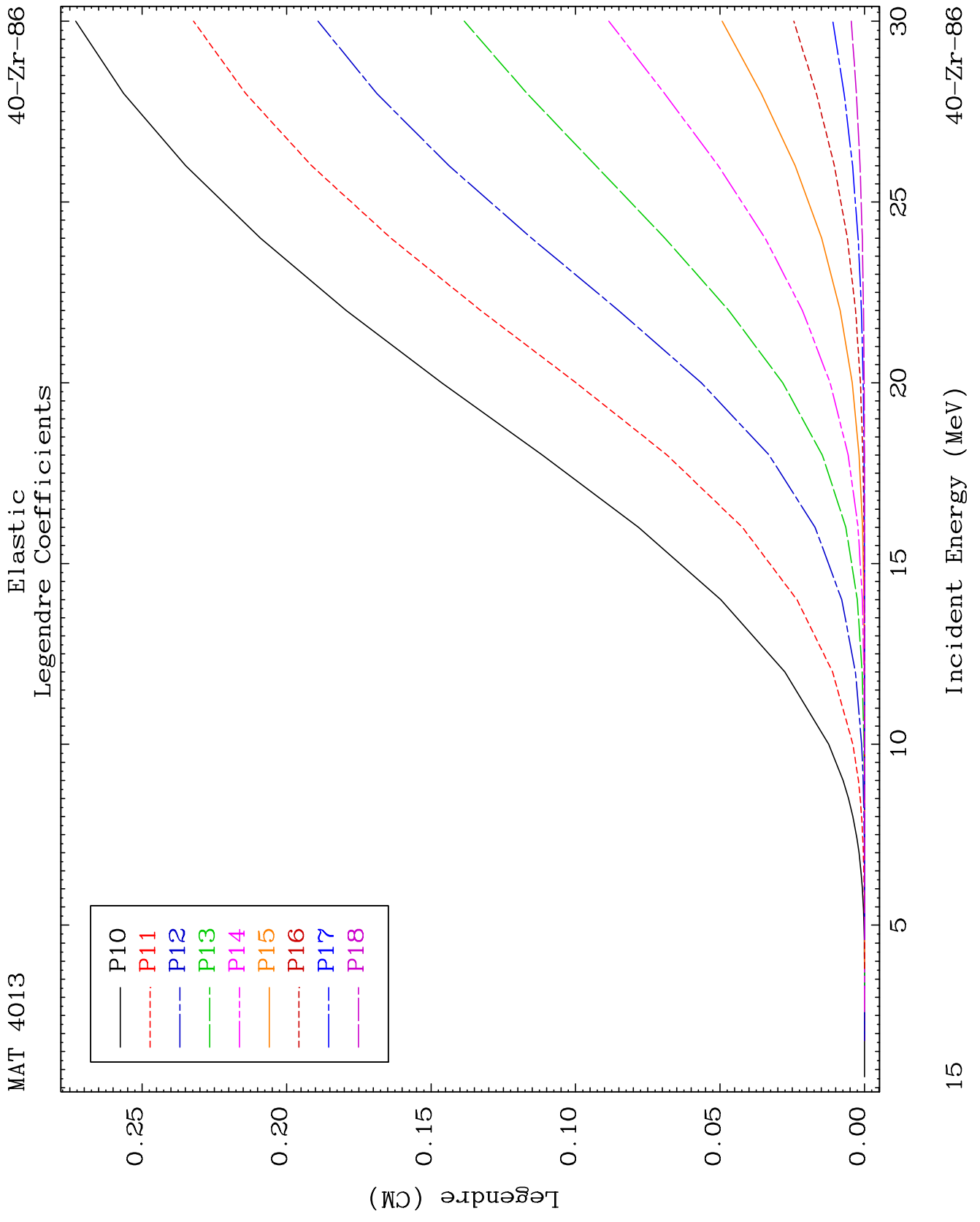
40-Zr-86



14

Incident Energy (MeV)

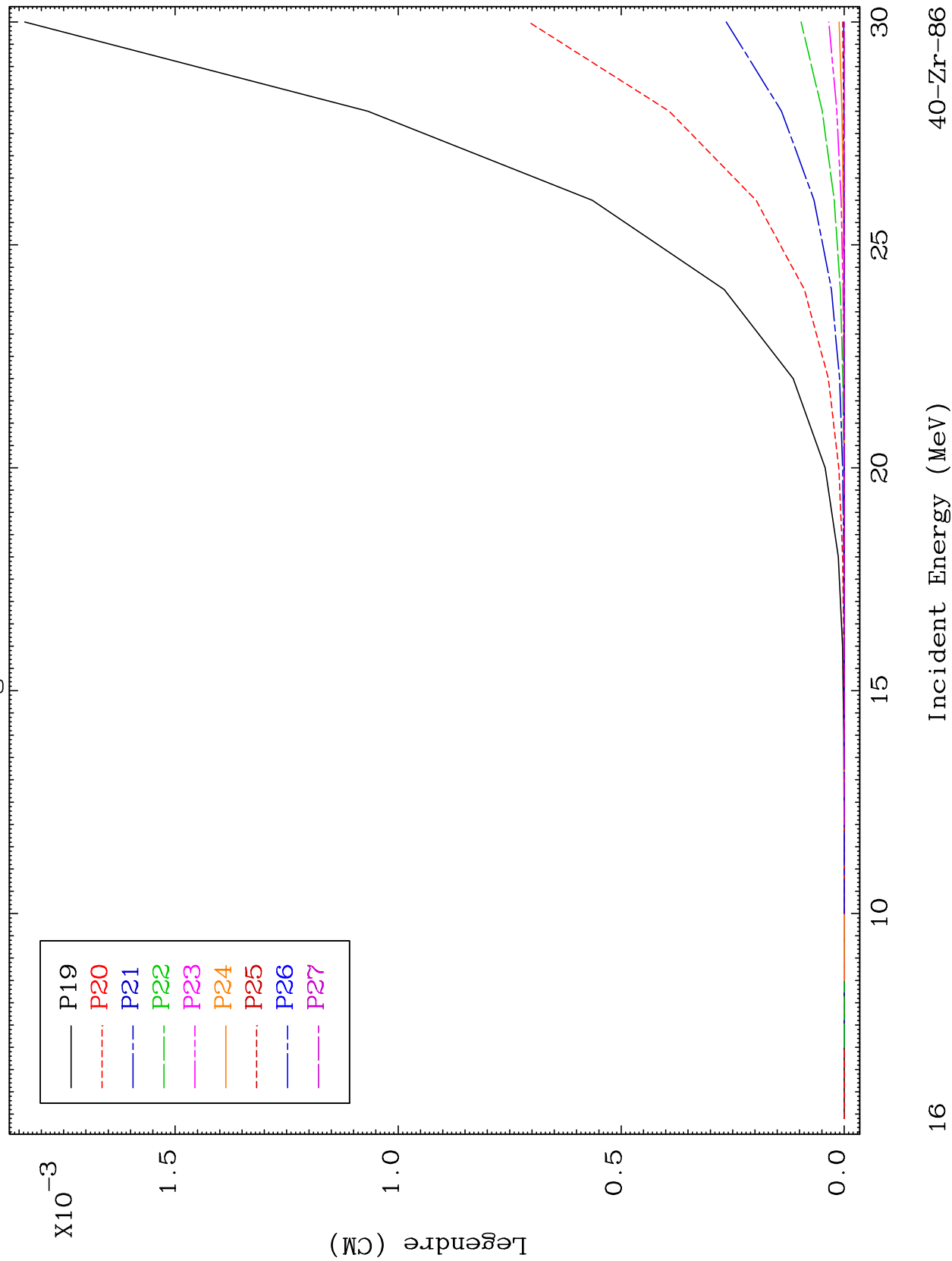
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MAT 4013

Elastic Legendre Coefficients

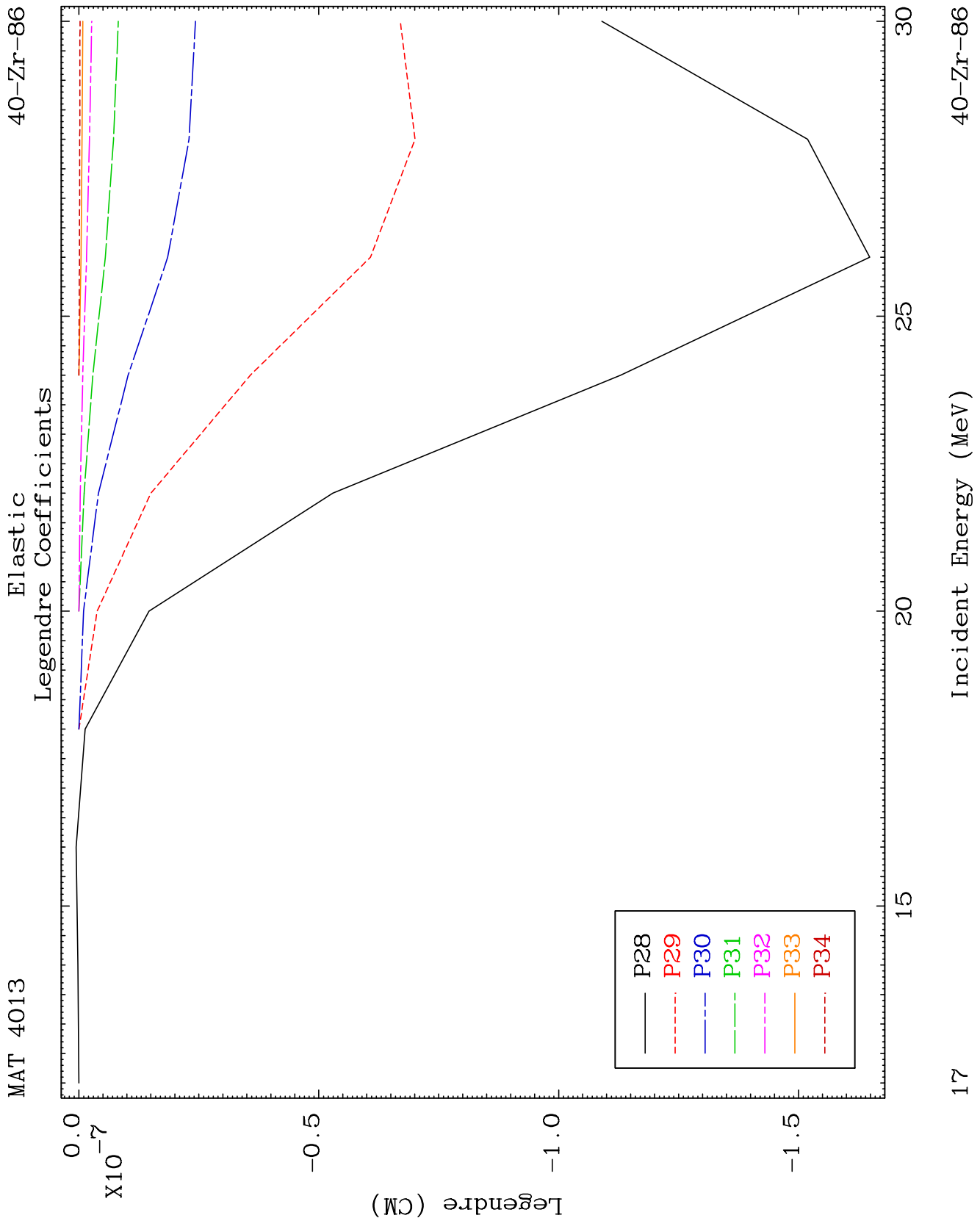
40-Zr-86



16

Incident Energy (MeV)

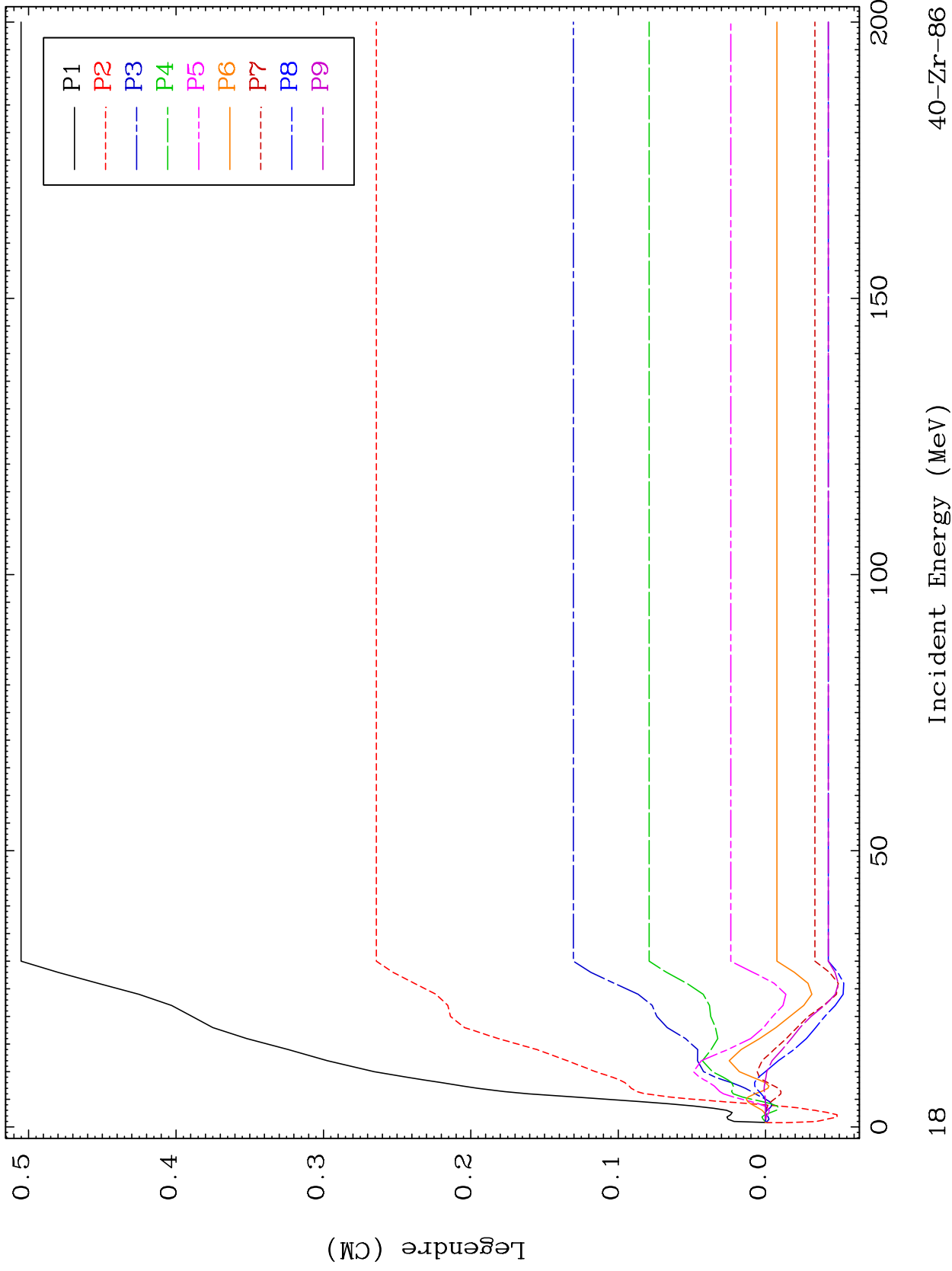
40-Zr-86



MAT 4013

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

40-Zr-86



18

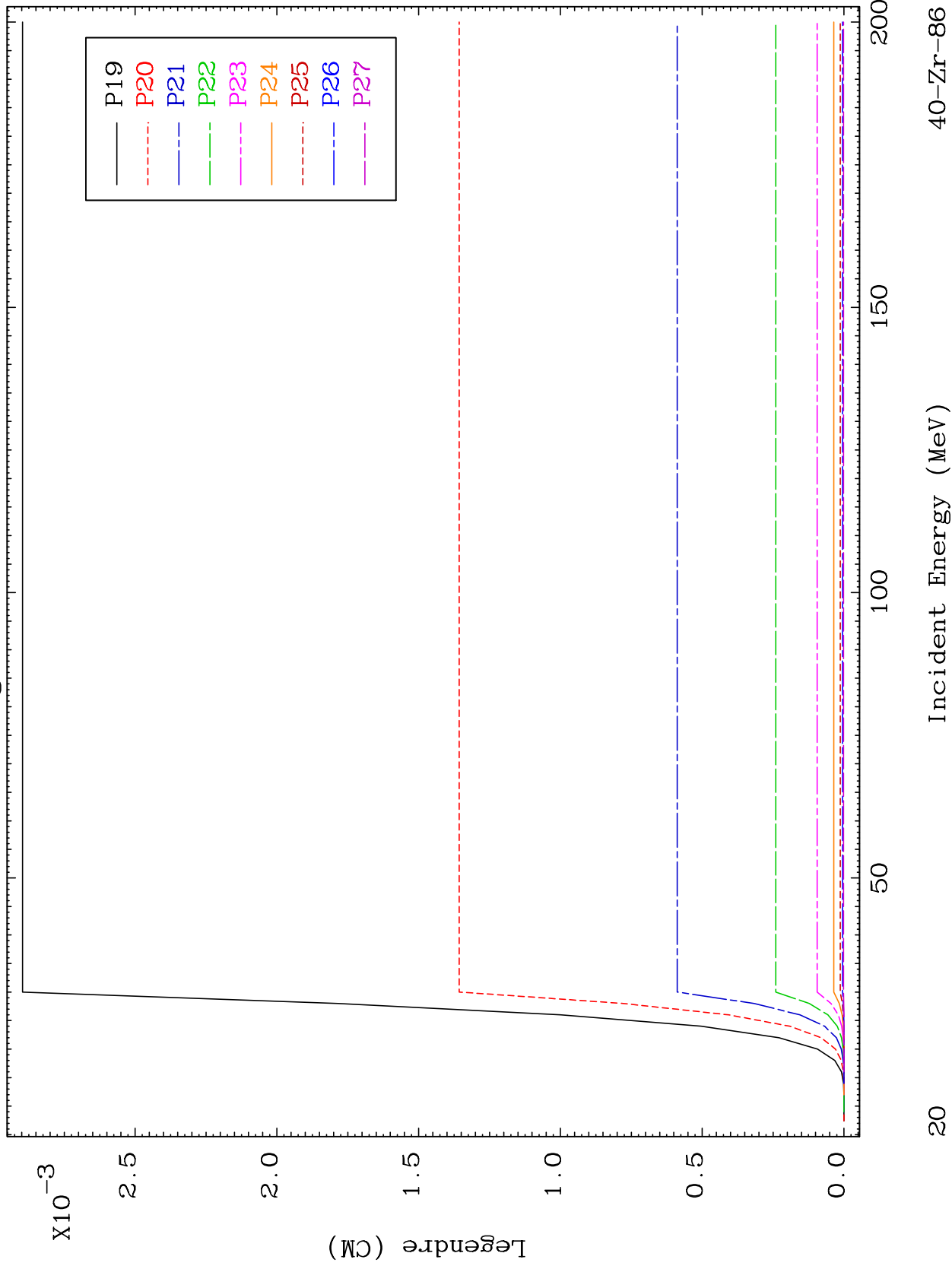
Incident Energy (MeV)

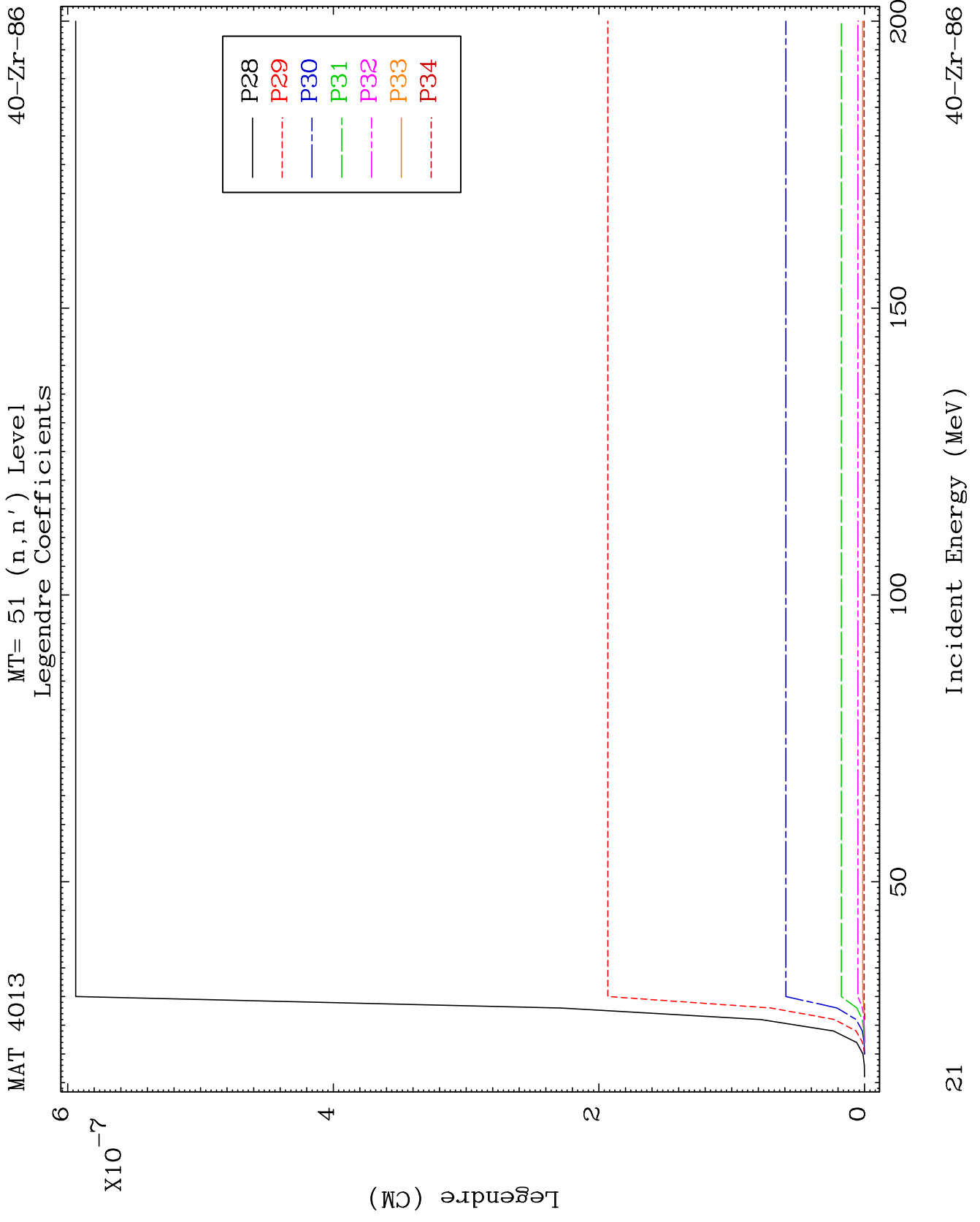
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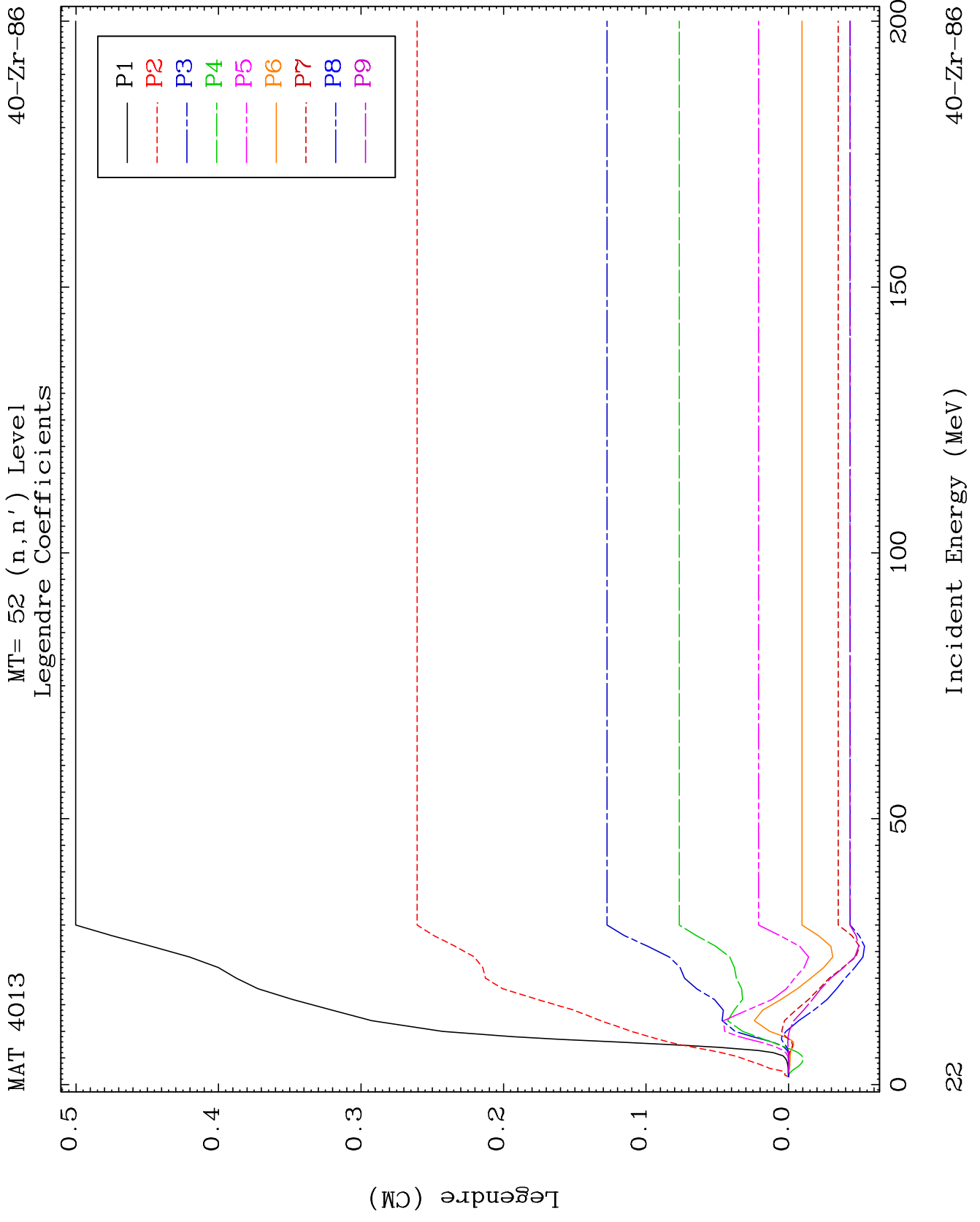
MAT 4013

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

40-Zr-86



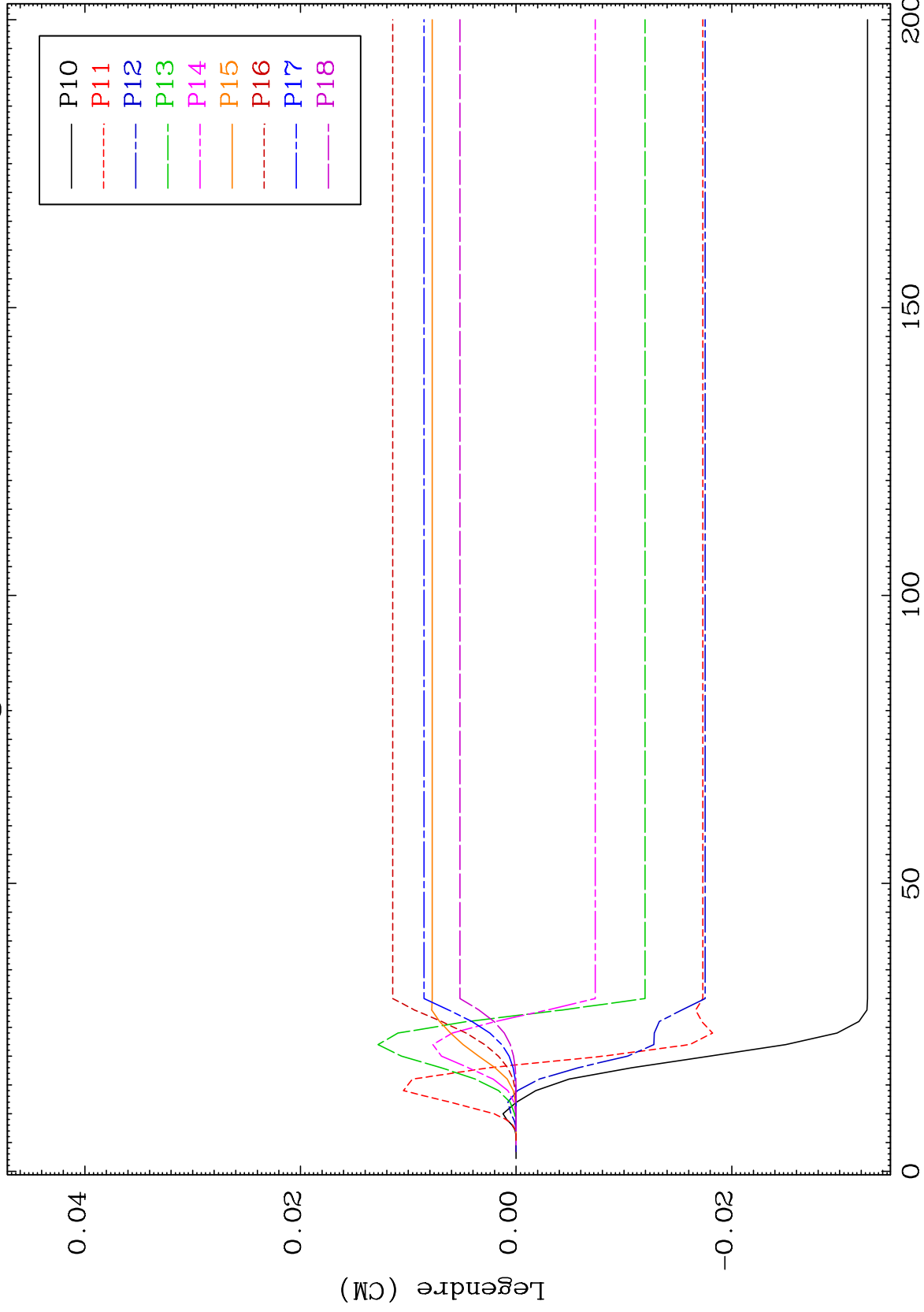




MAT 4013

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

40-Zr-86



23

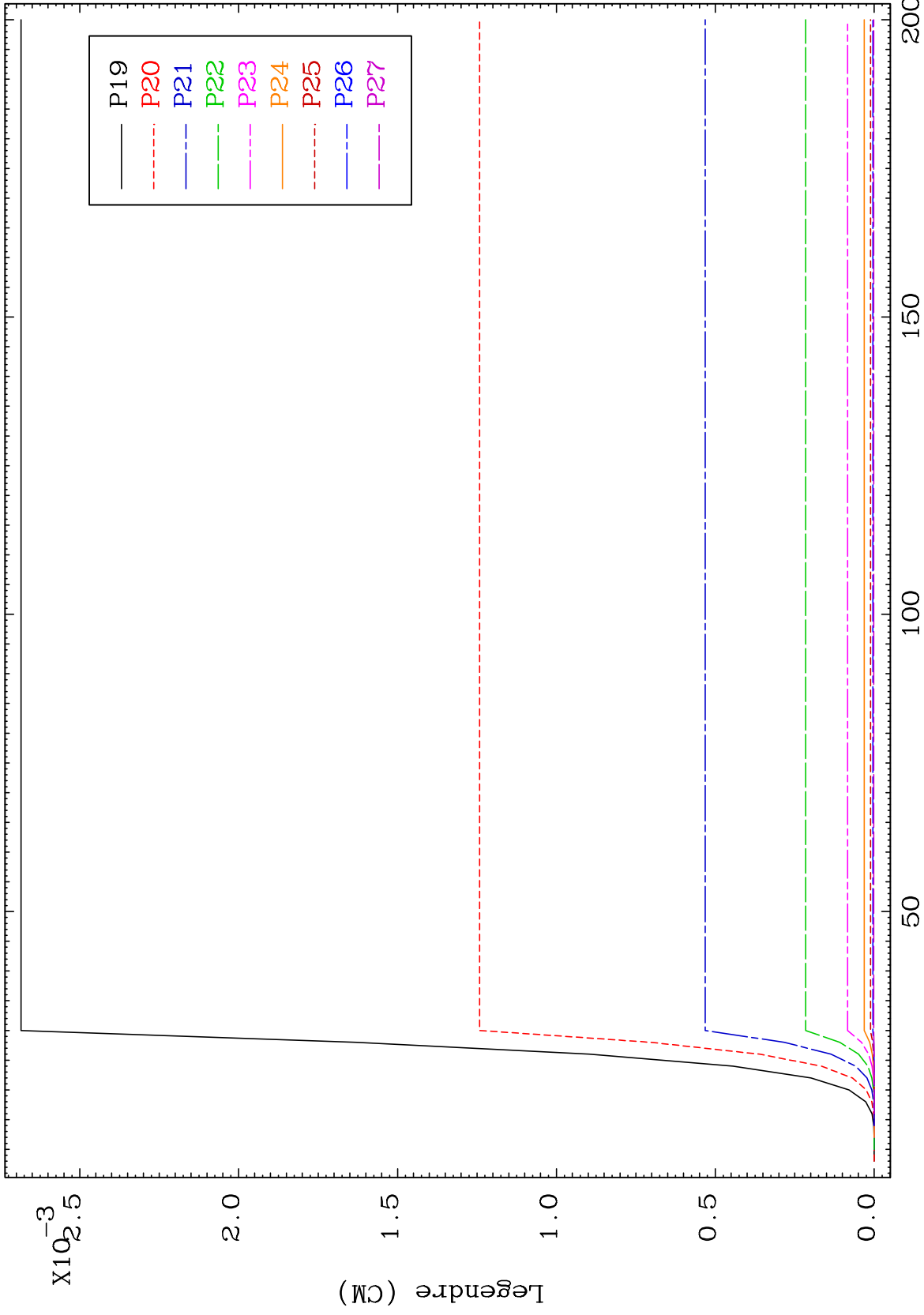
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



24

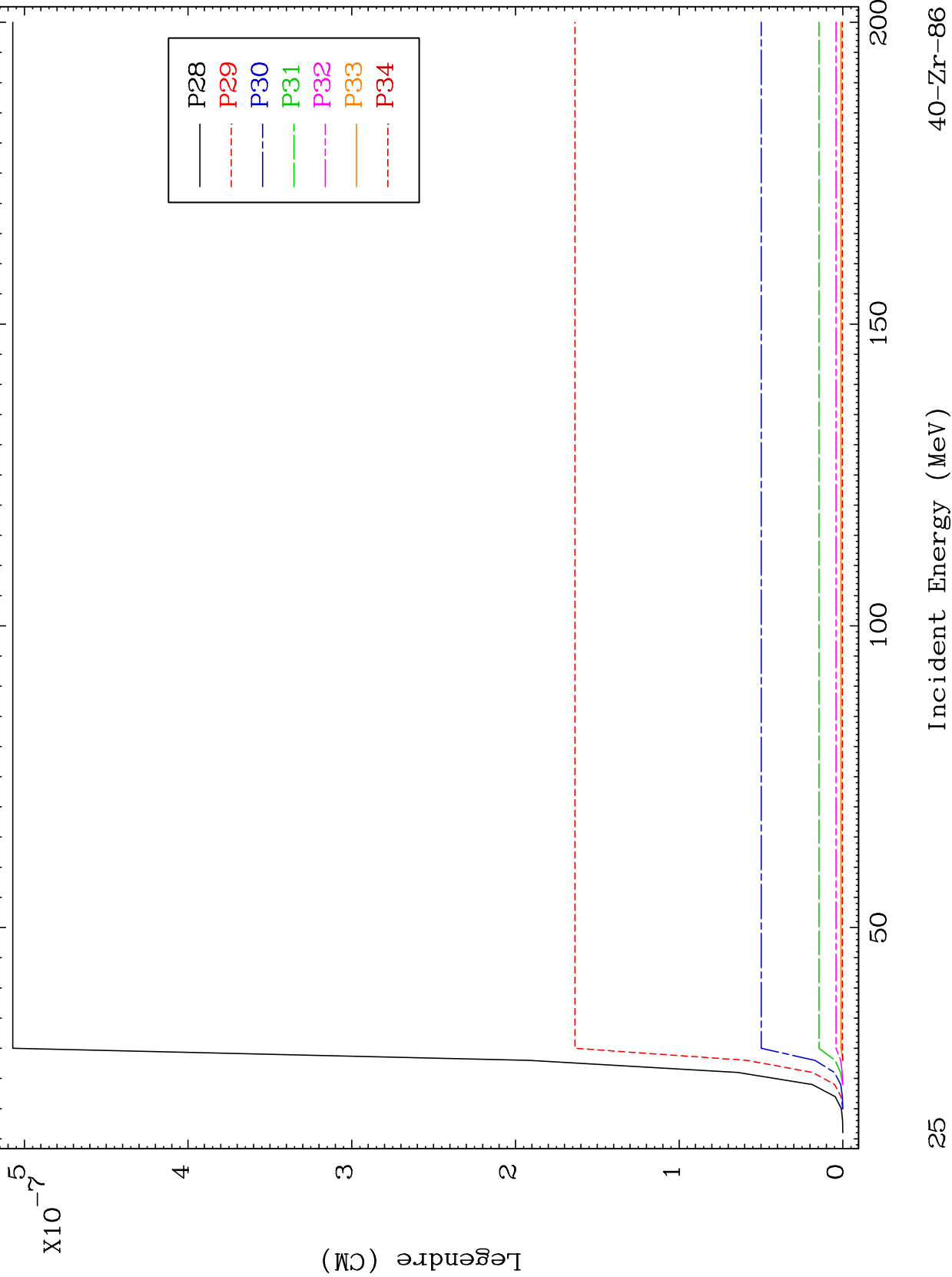
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



25

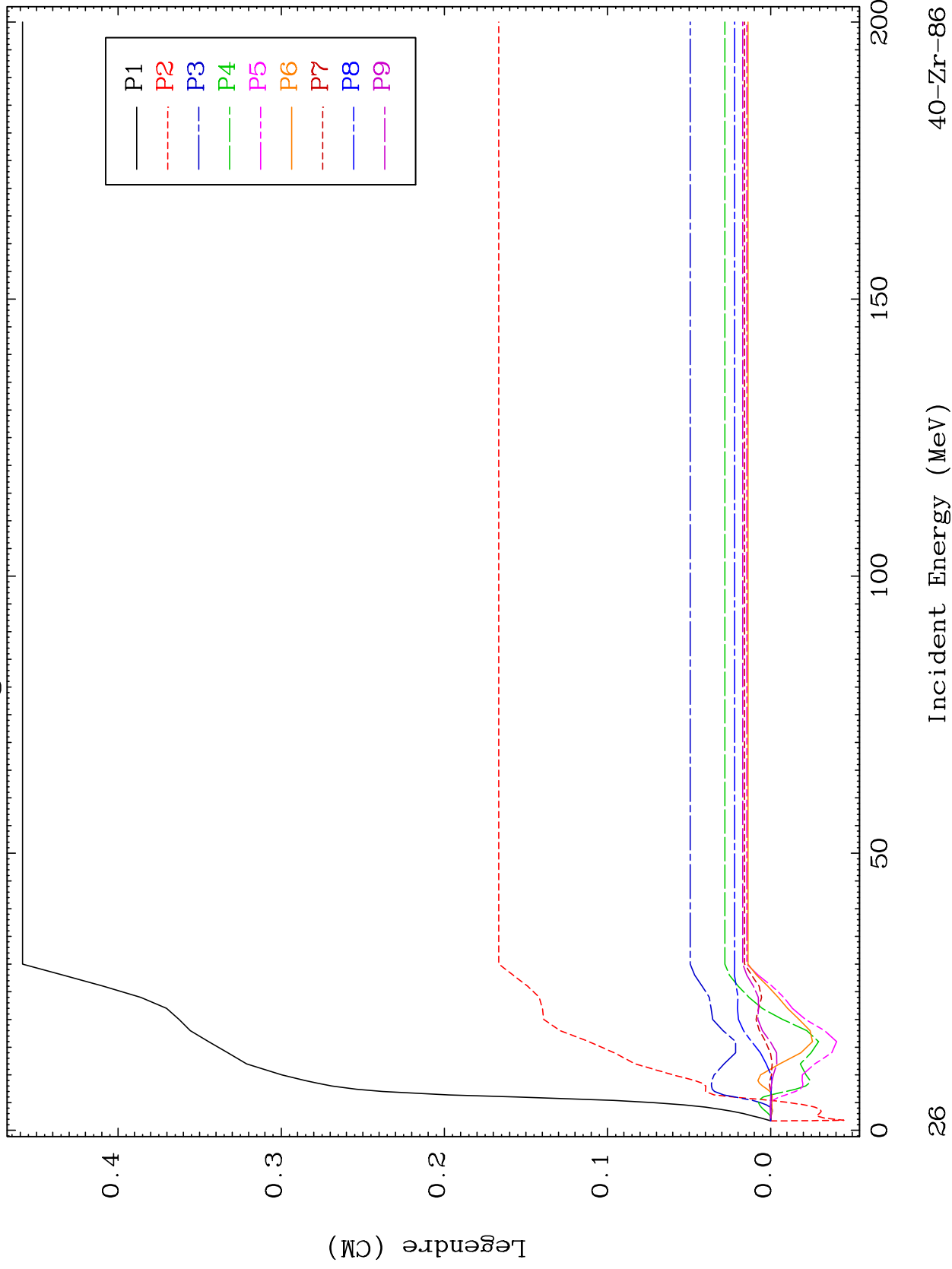
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



40-Zr-86

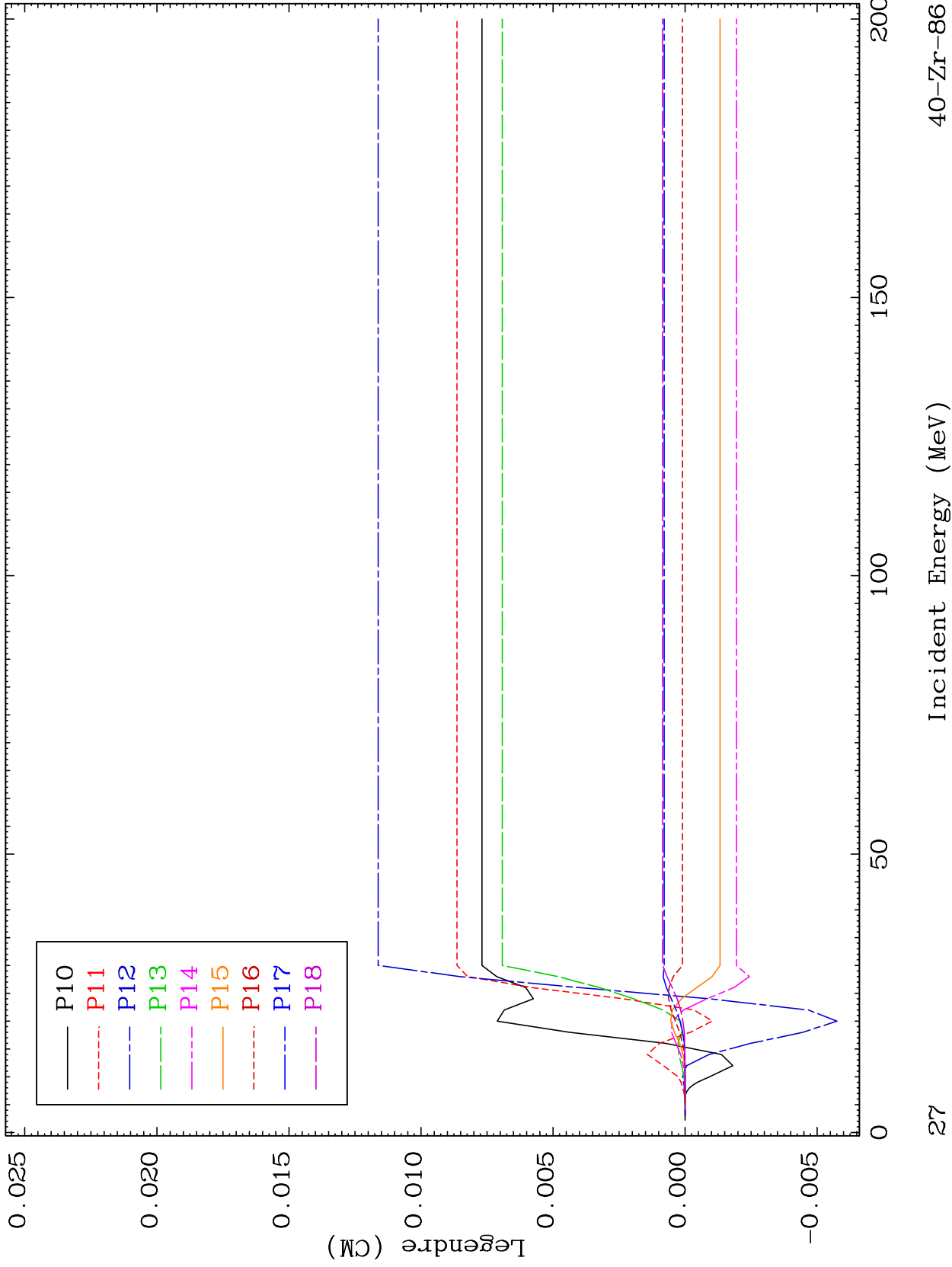
Incident Energy (MeV)

26

MAT 4013

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

40-Zr-86

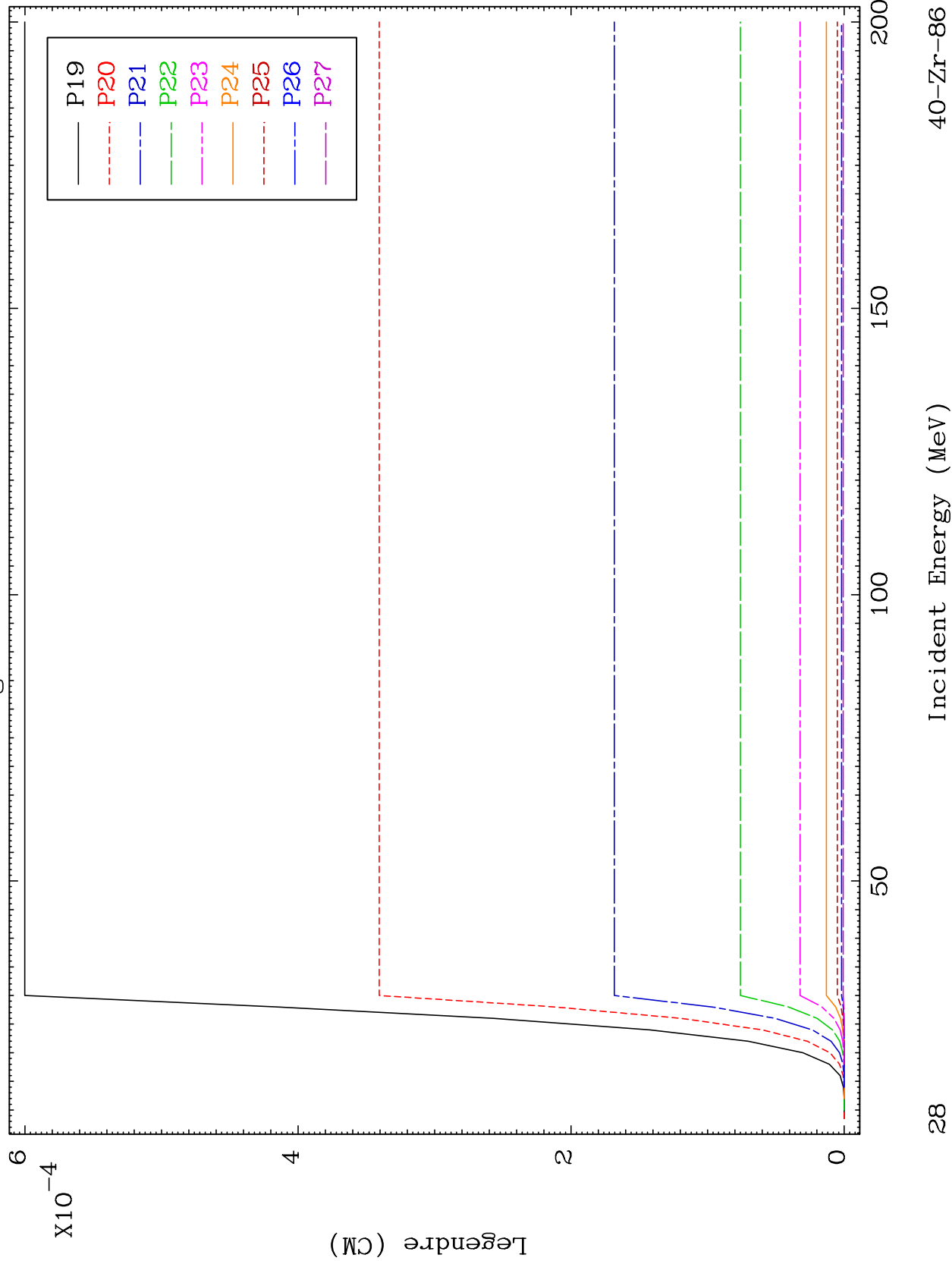


27

MAT 4013

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

40-Zr-86



28

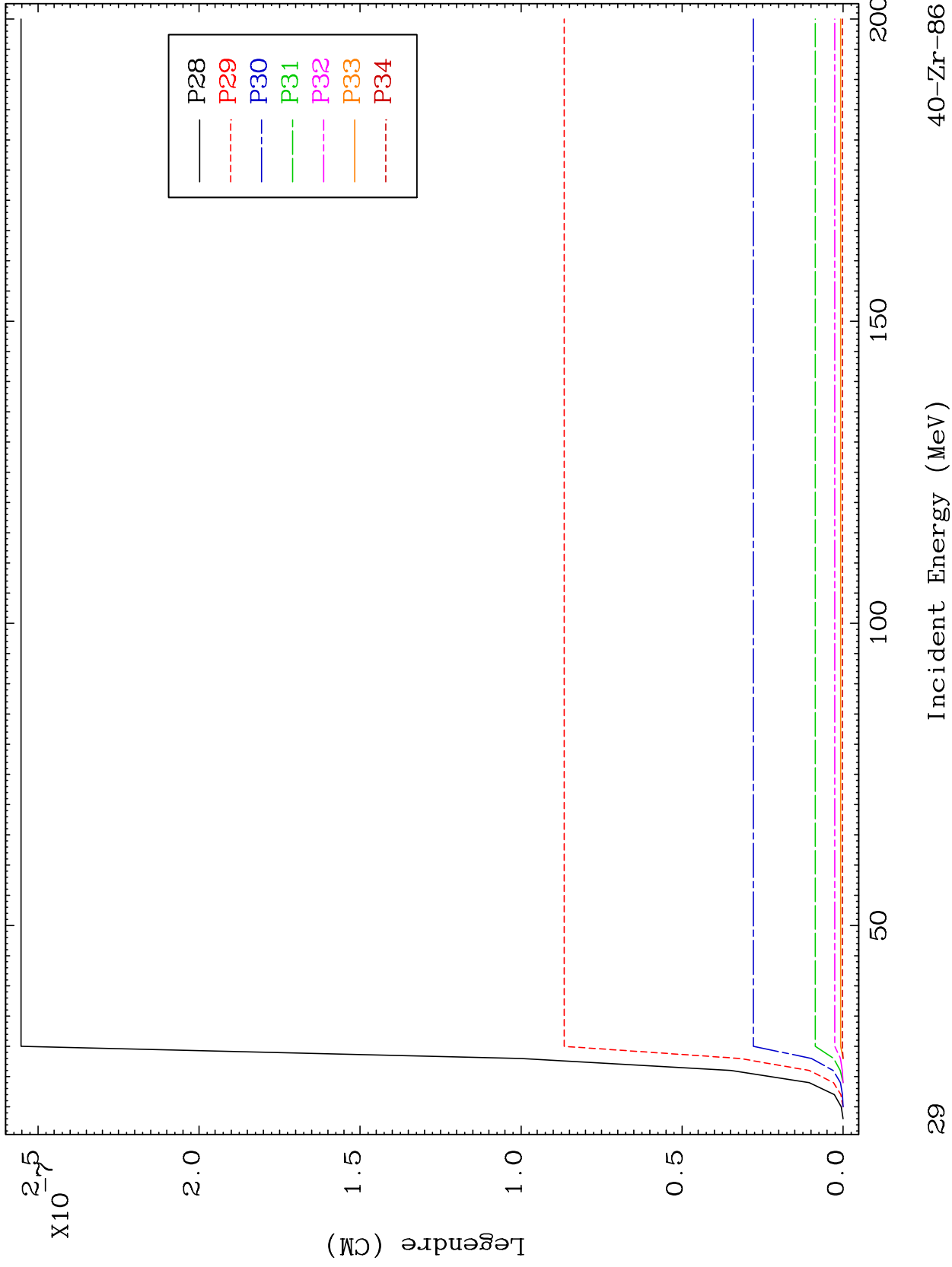
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86

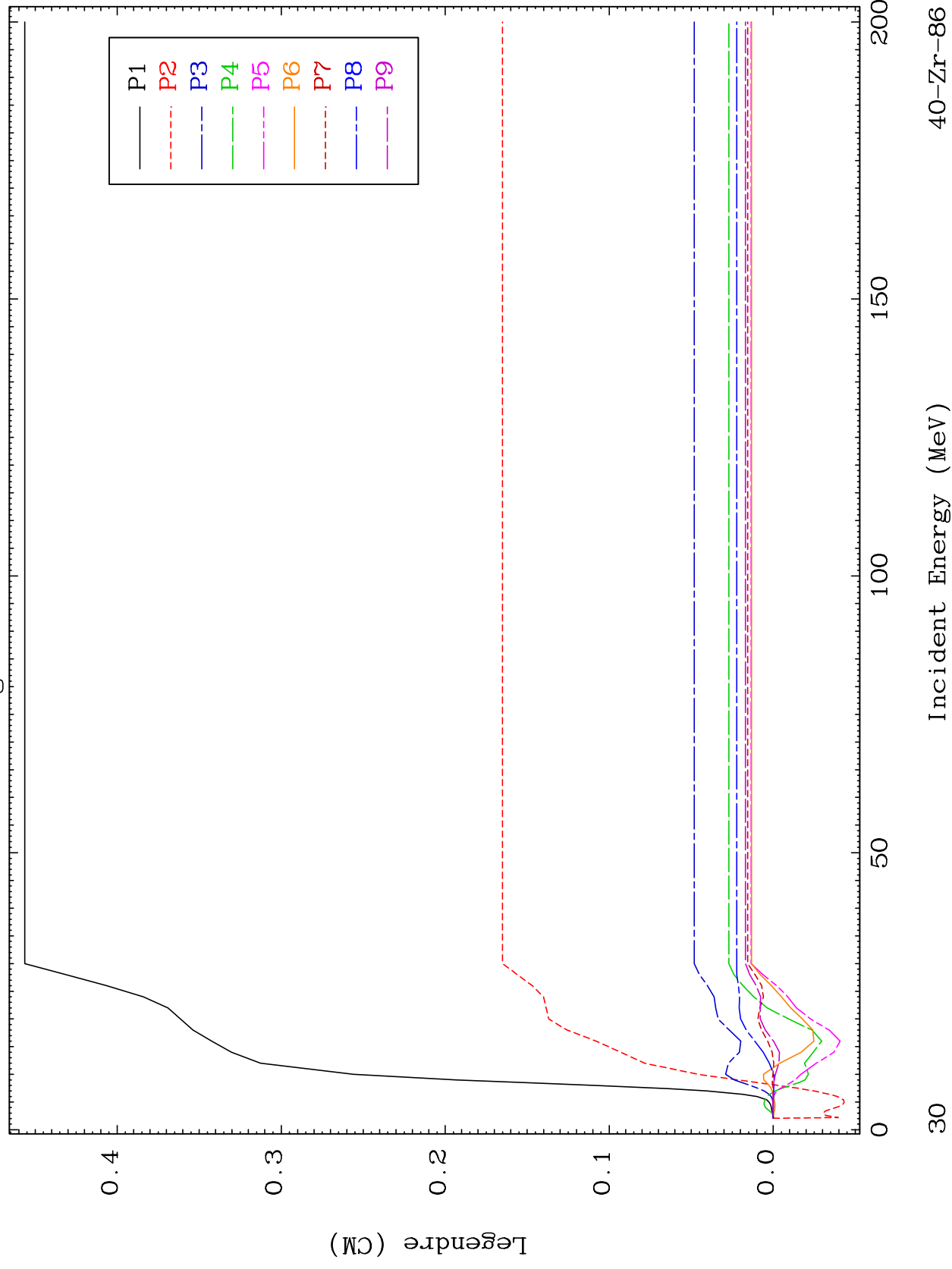


29

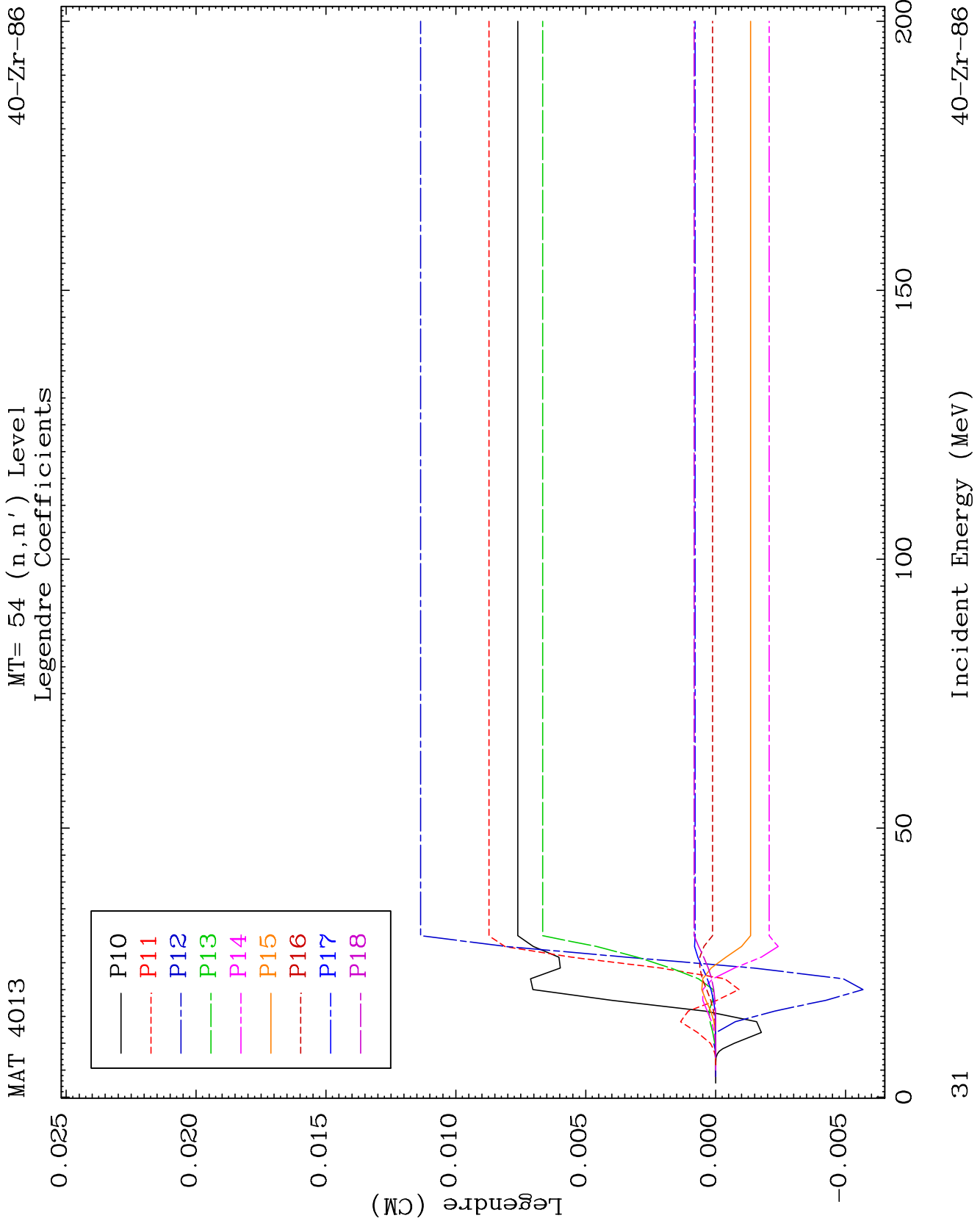
MAT 4013

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

40-Zr-86



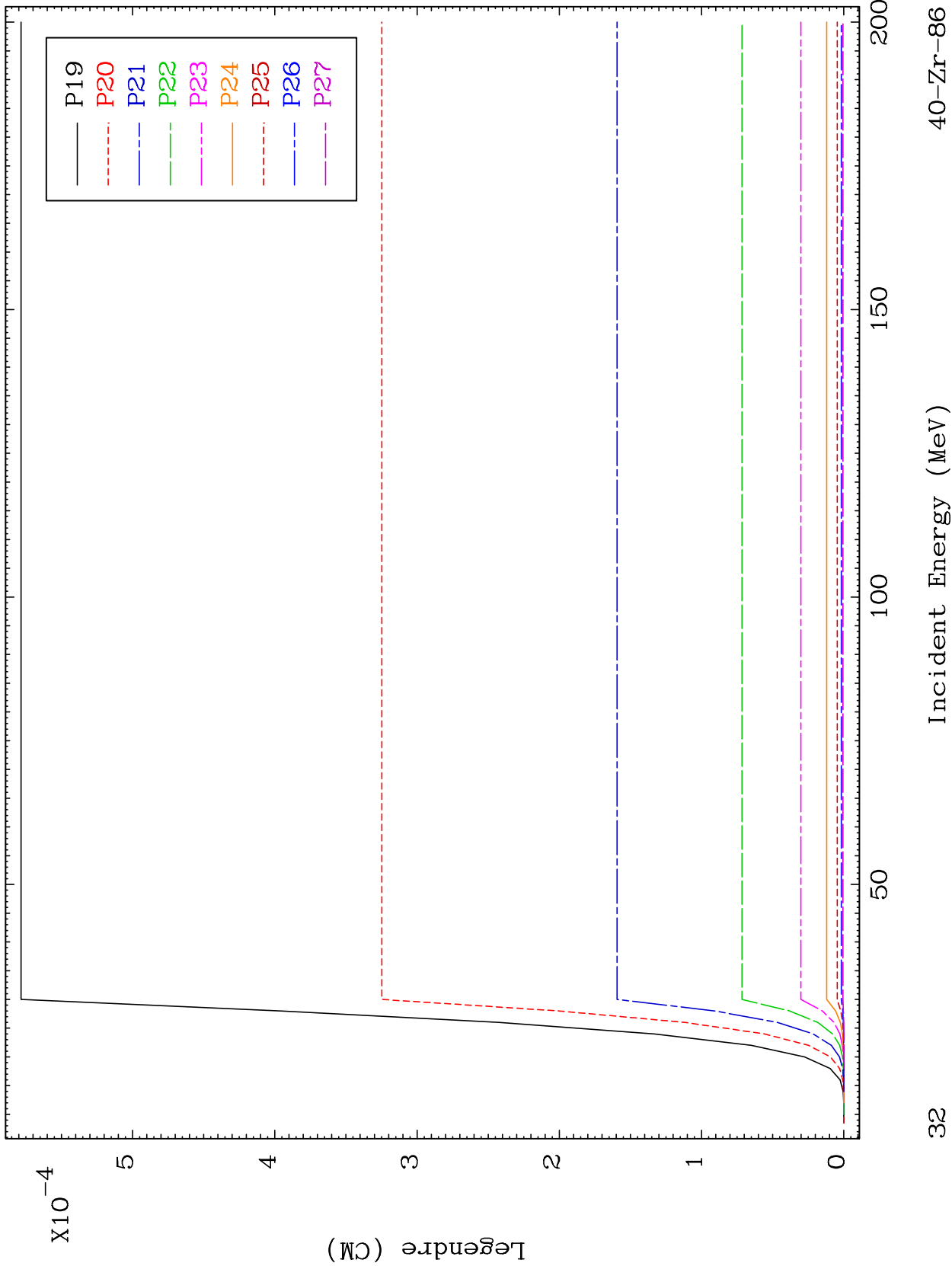
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MAT 4013

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

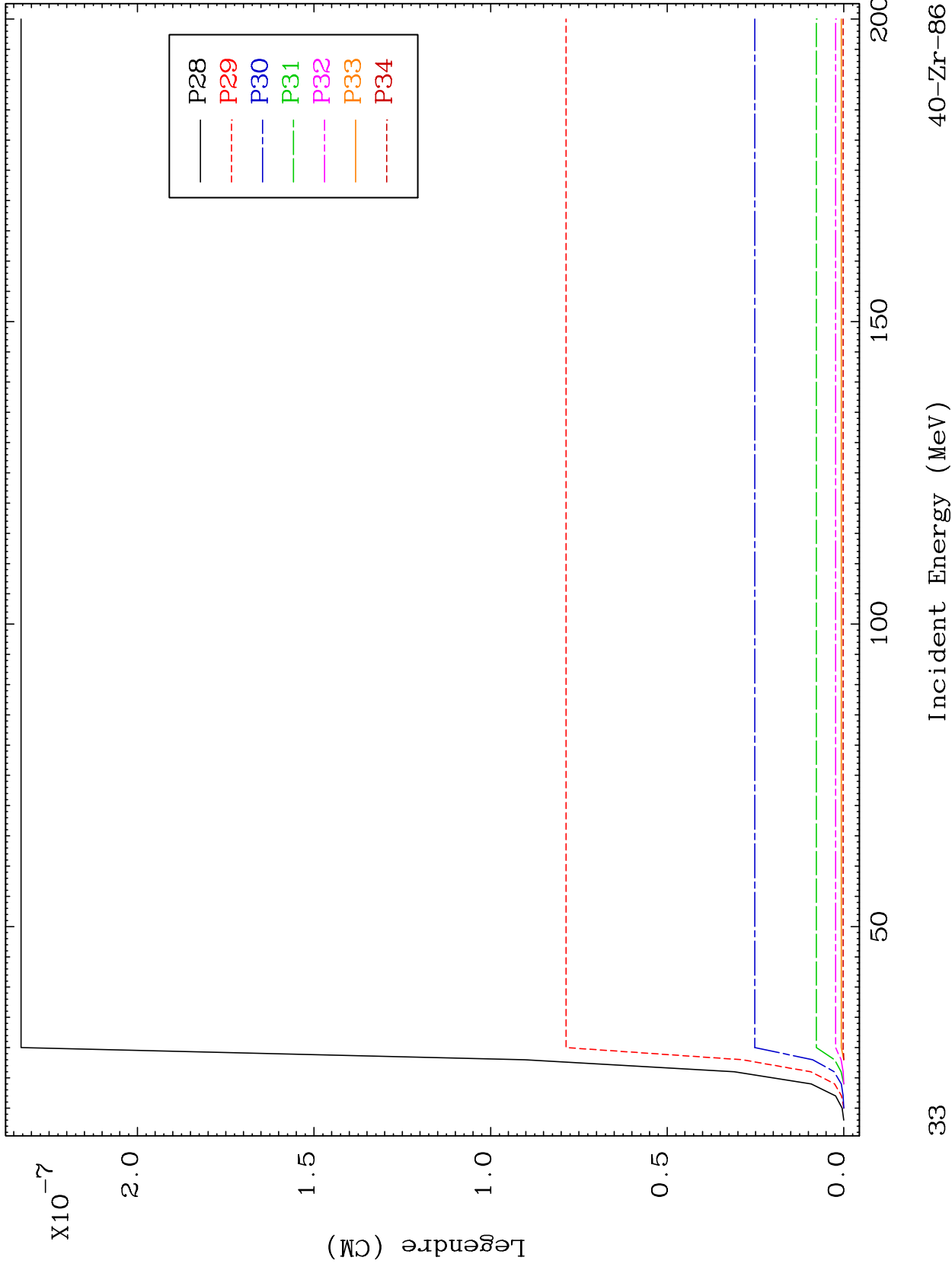
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MAT 4013

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

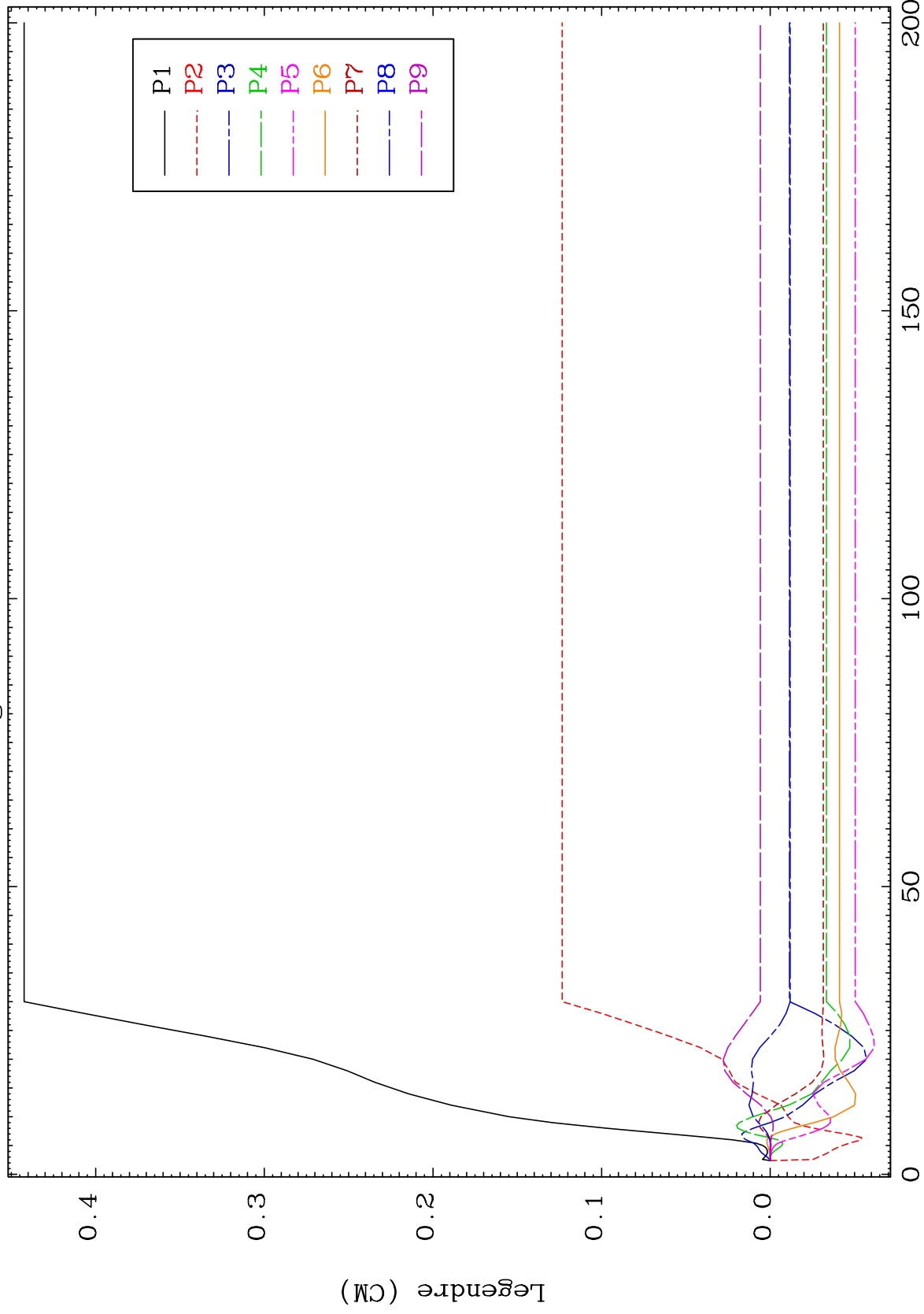
40-Zr-86



MAT 4013

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

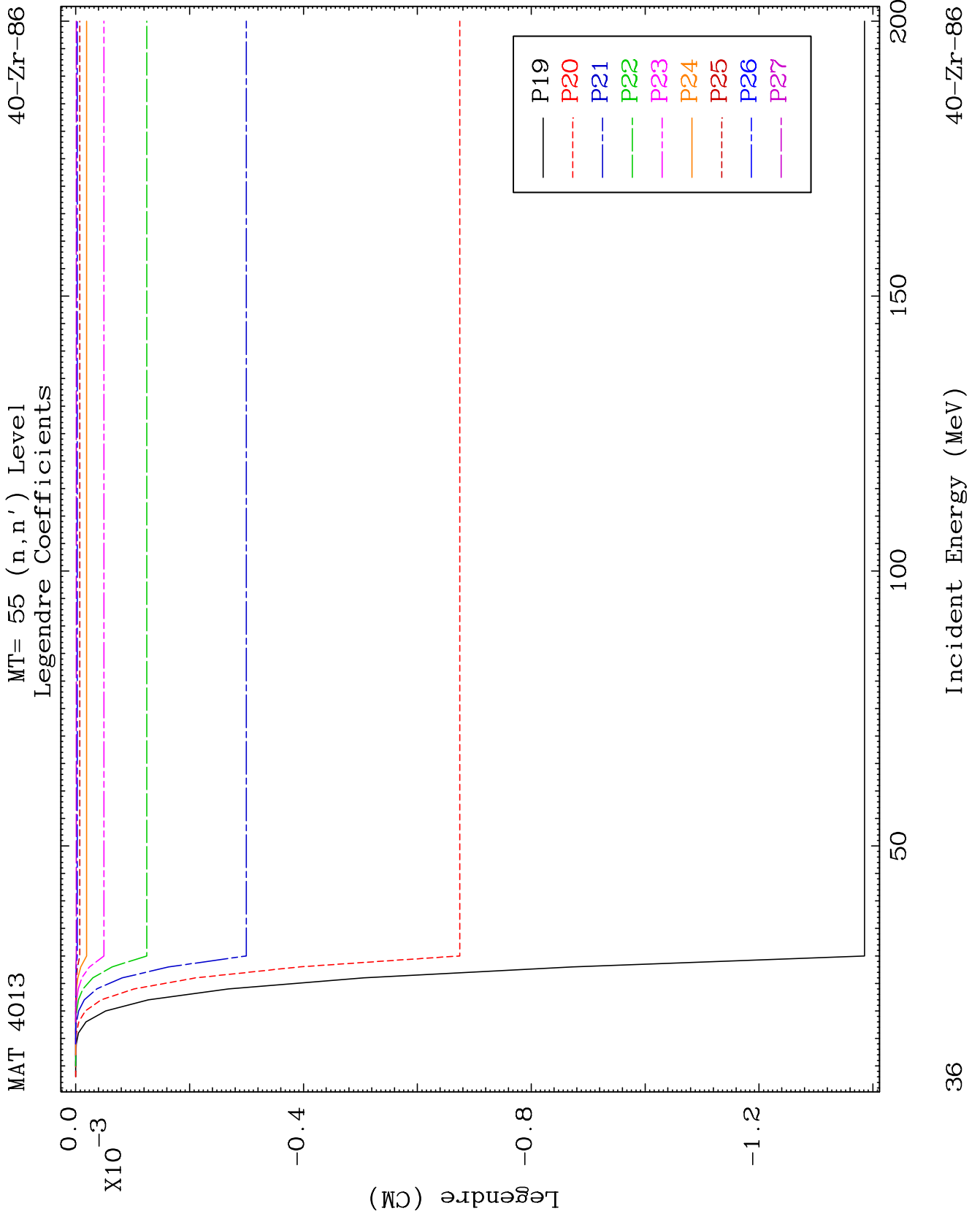
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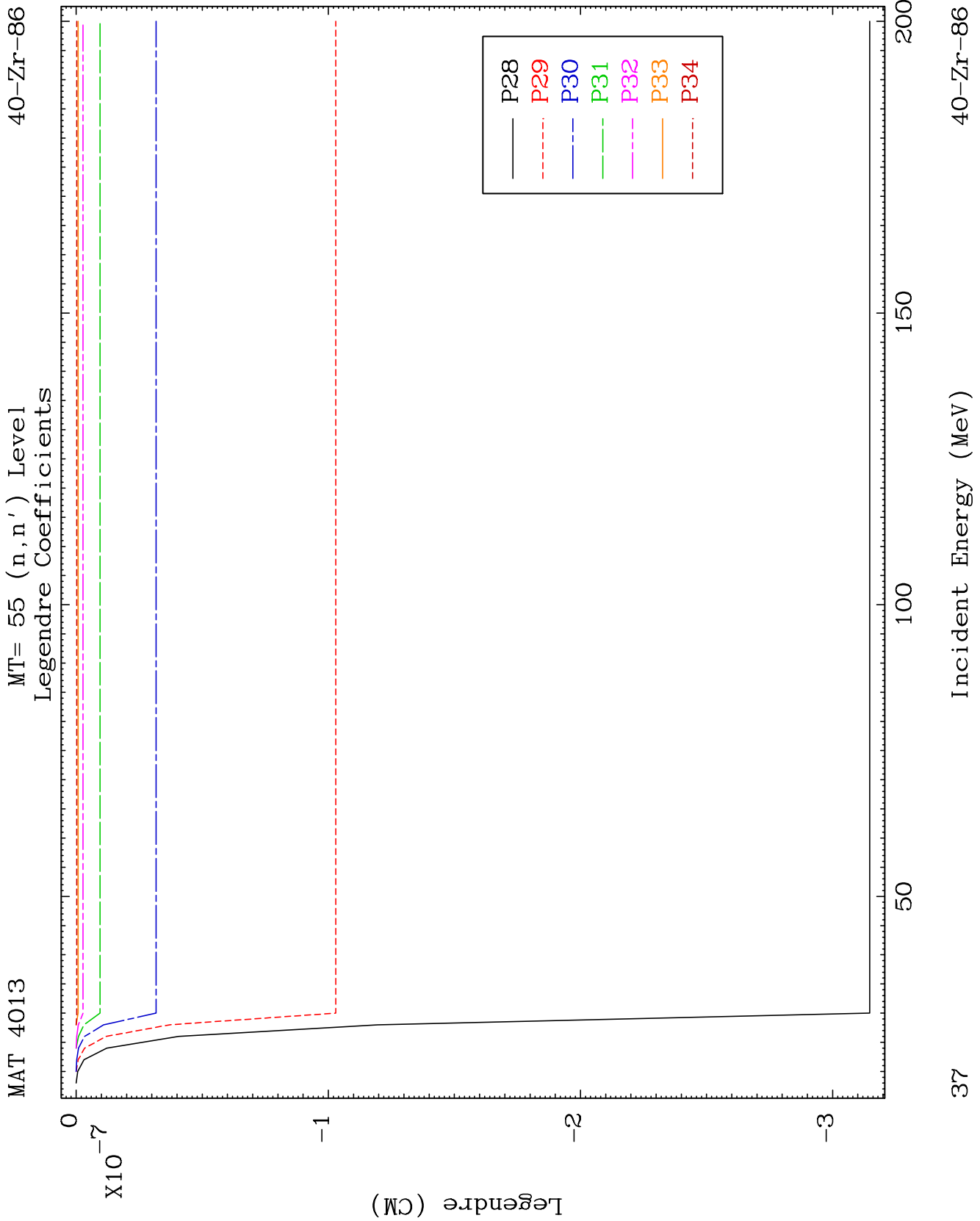


34

Incident Energy (MeV)

40-Zr-86

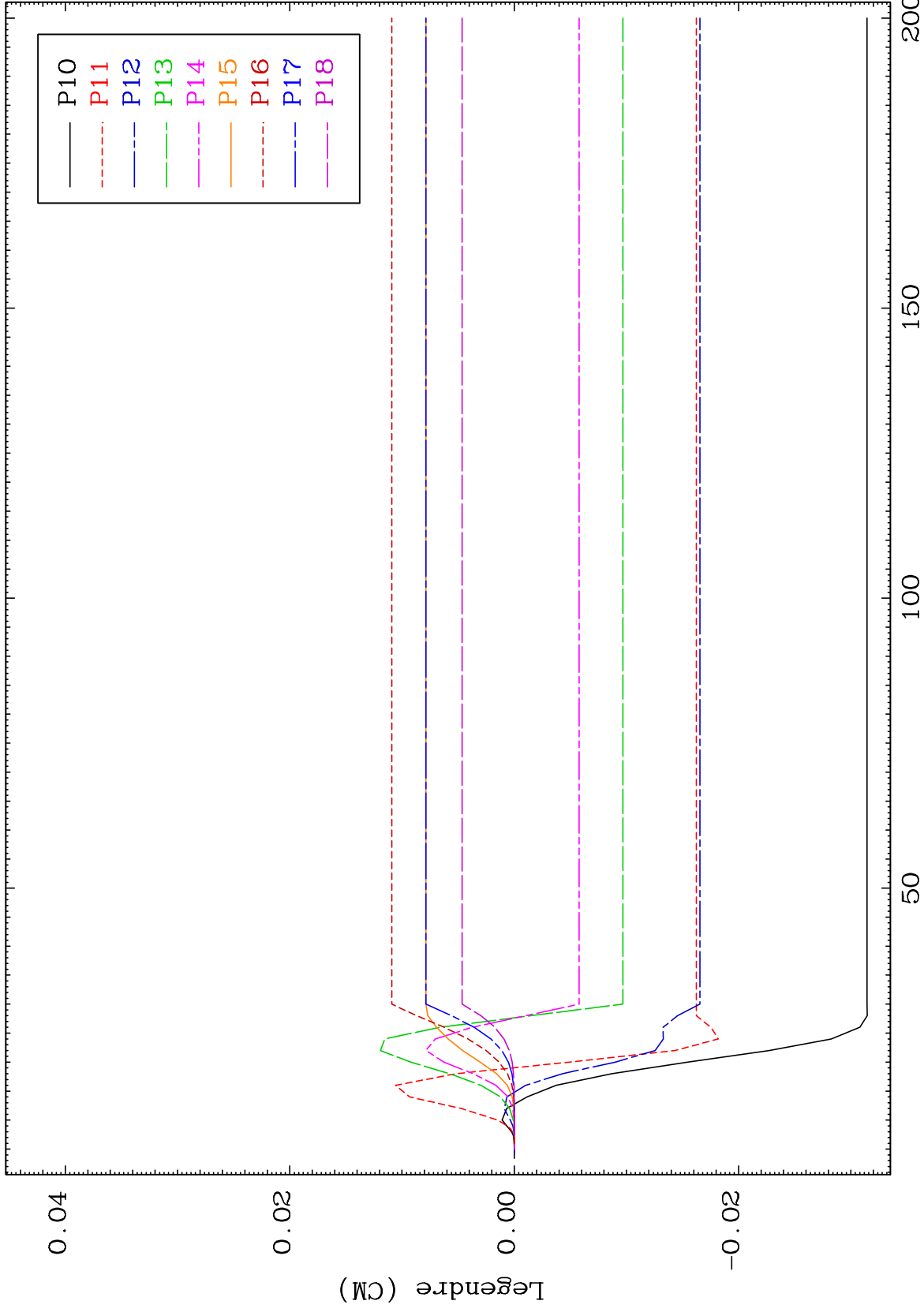




MAT 4013

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

40-Zr-86



39

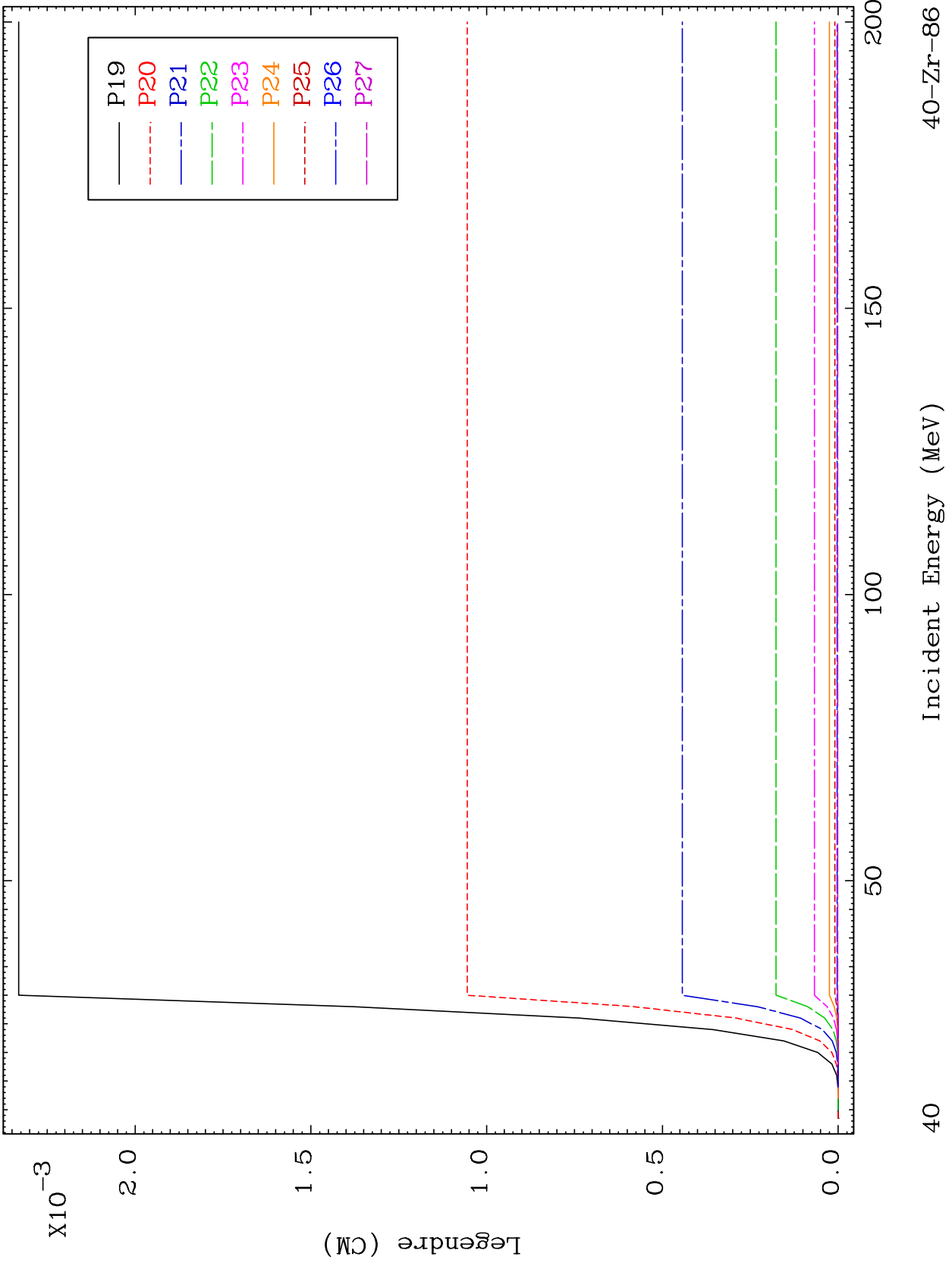
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

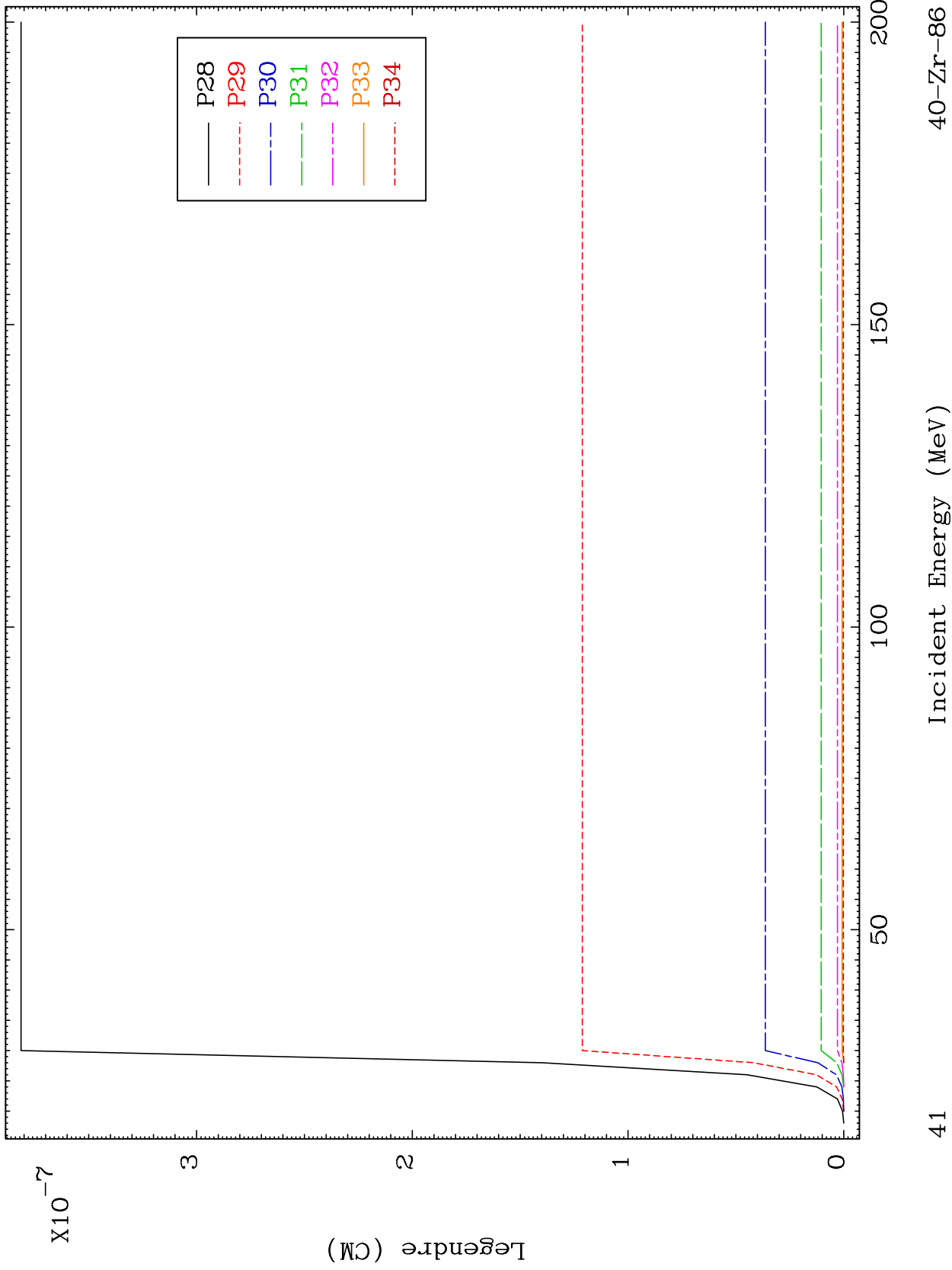
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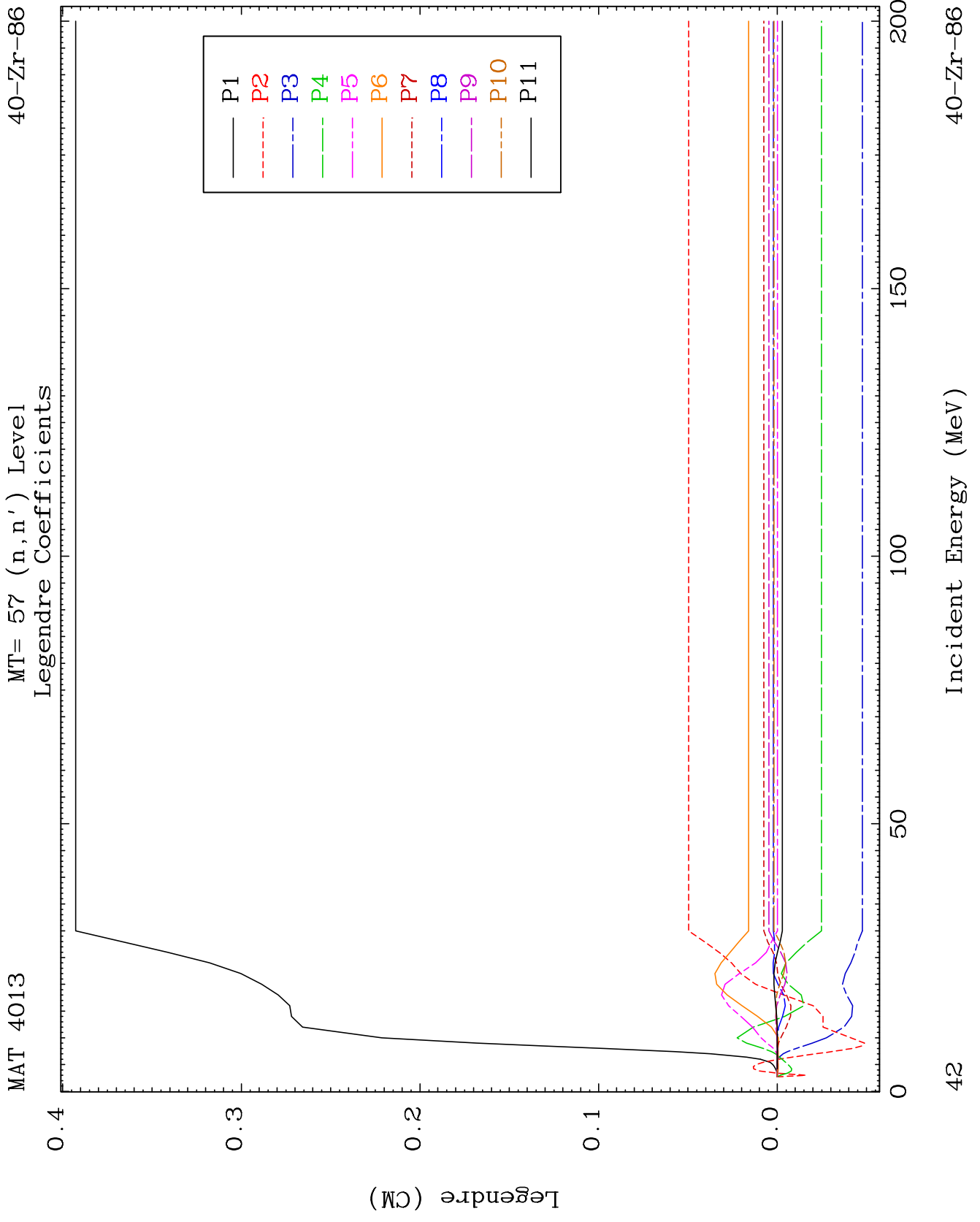


MAT 4013

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

40-Zr-86

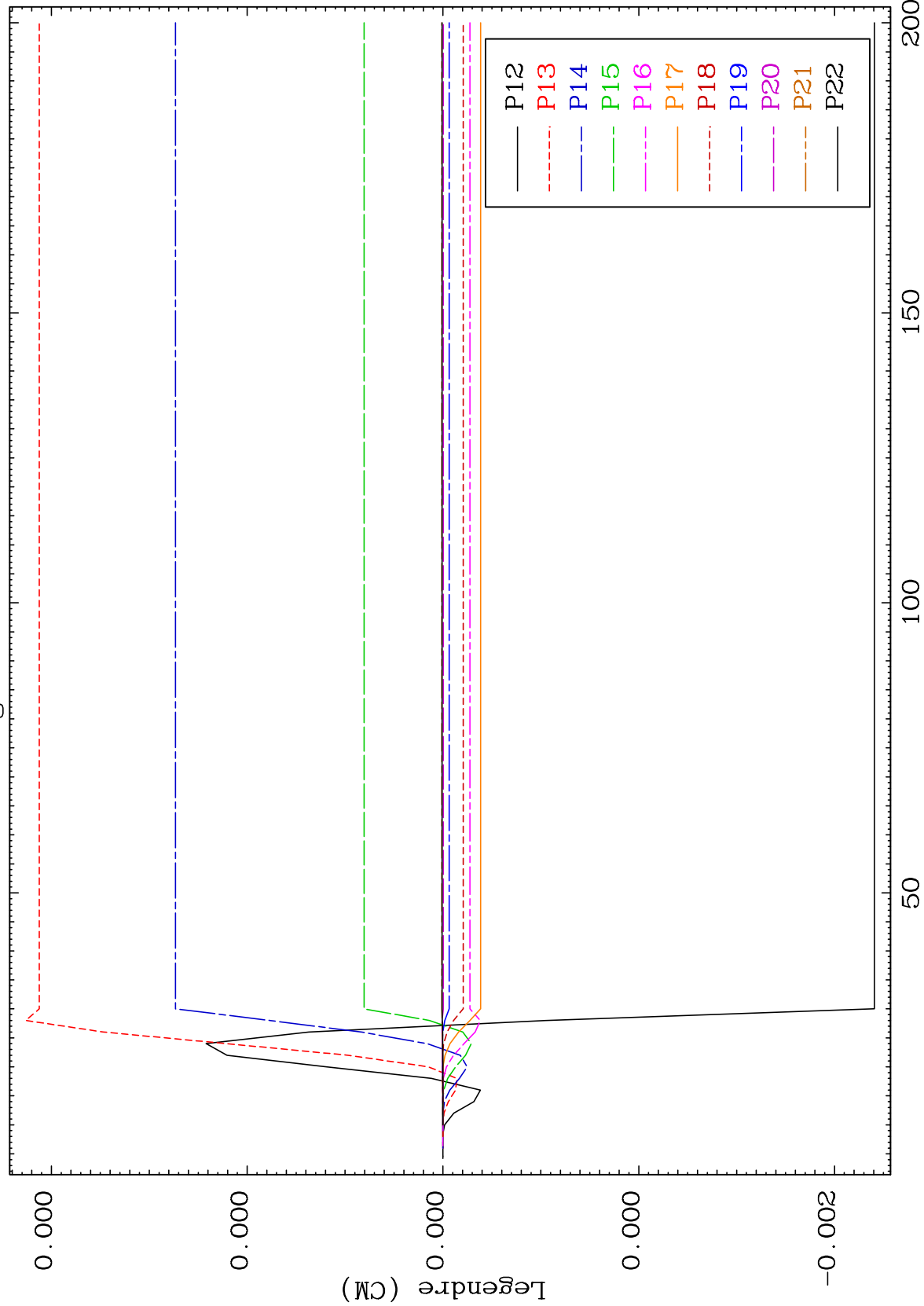


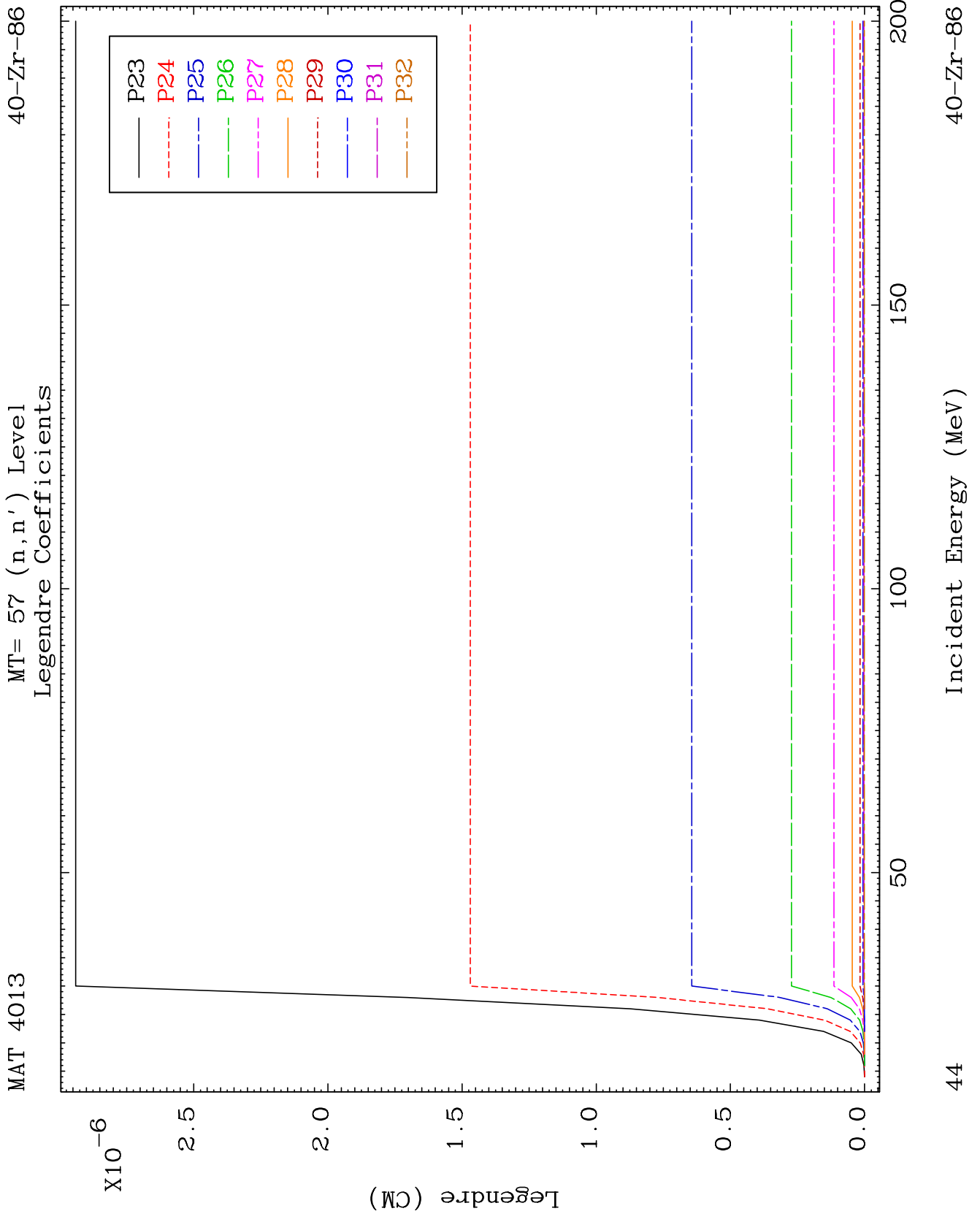


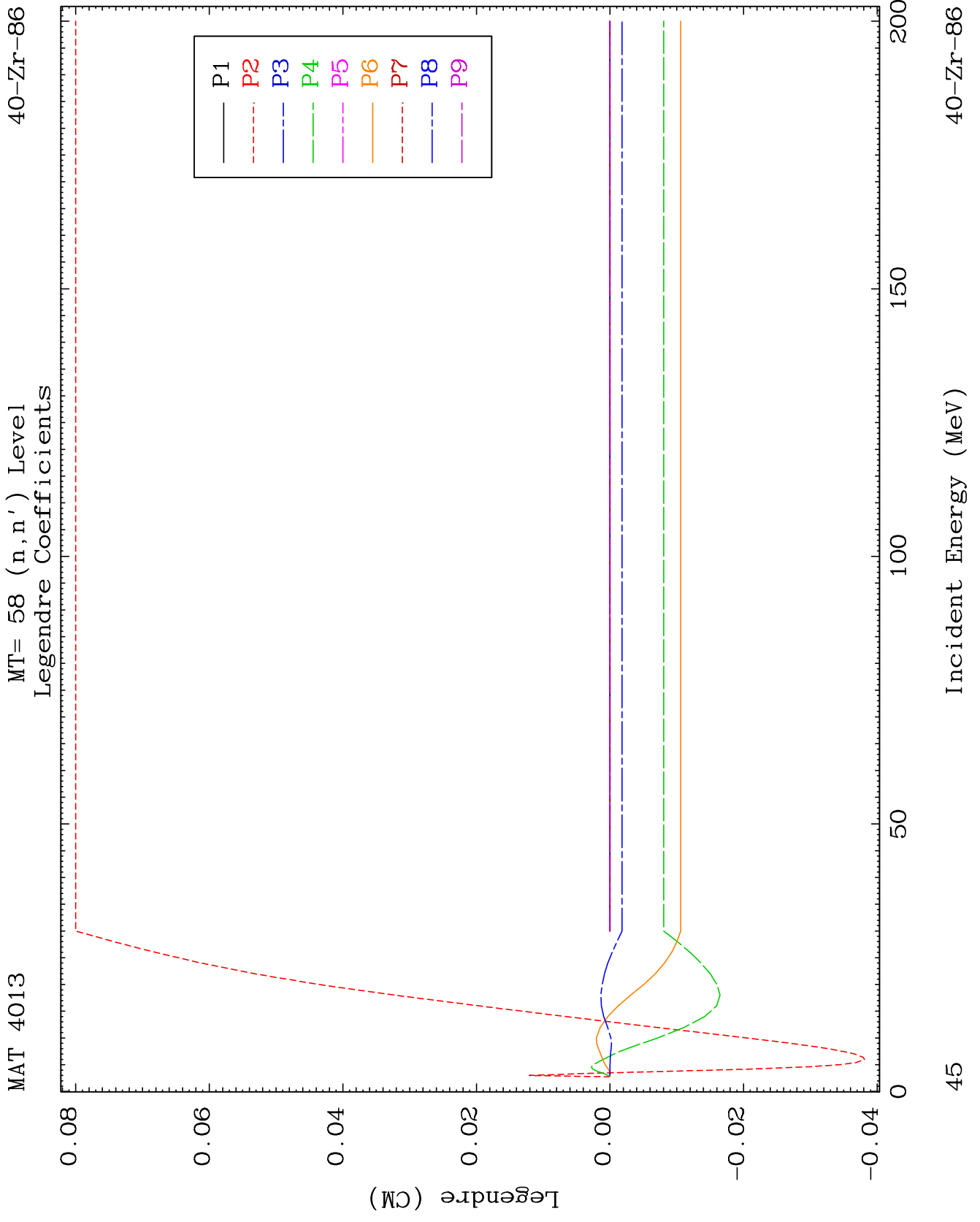
MAT 4013

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

40-Zr-86



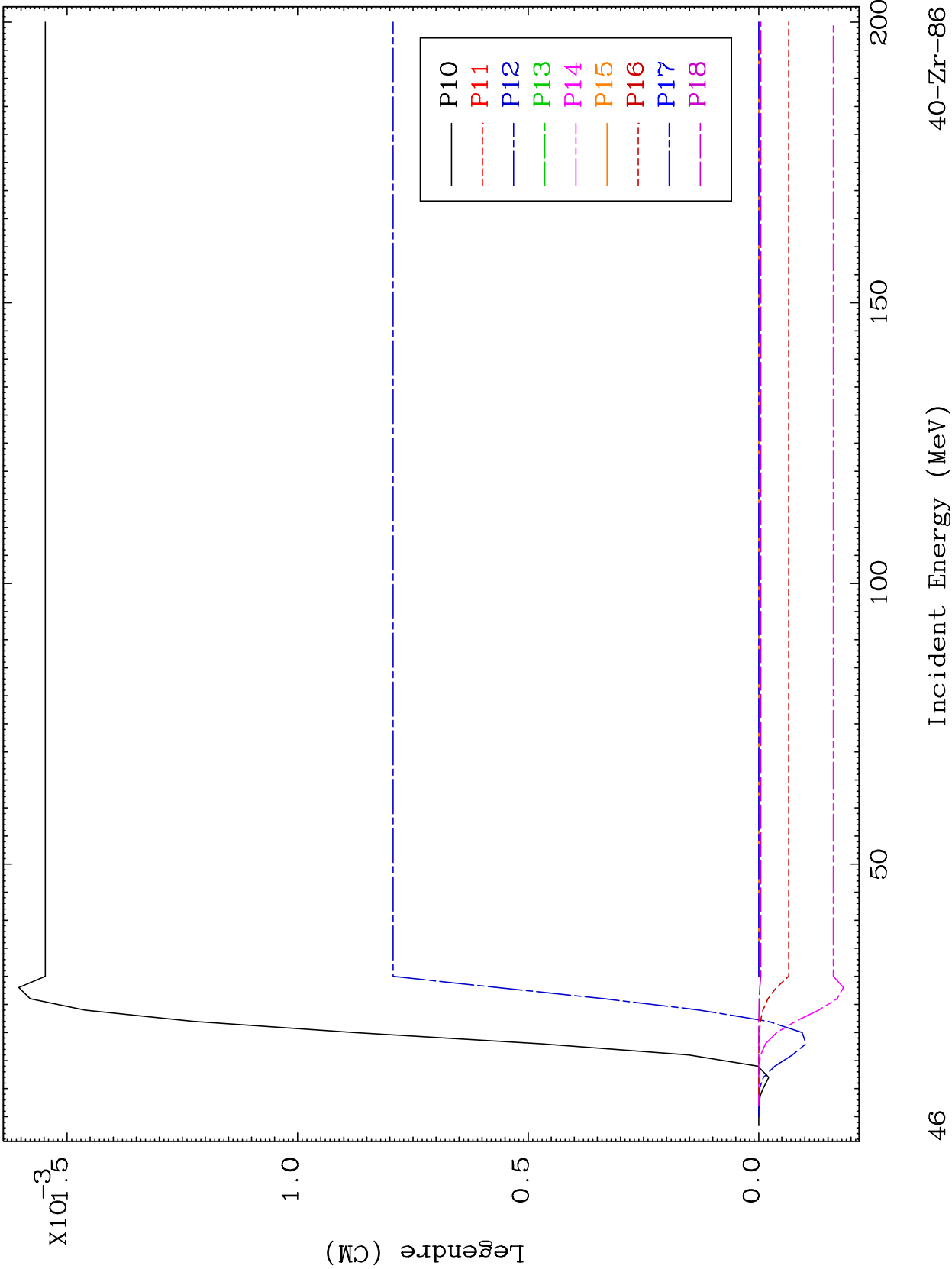




MAT 4013

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

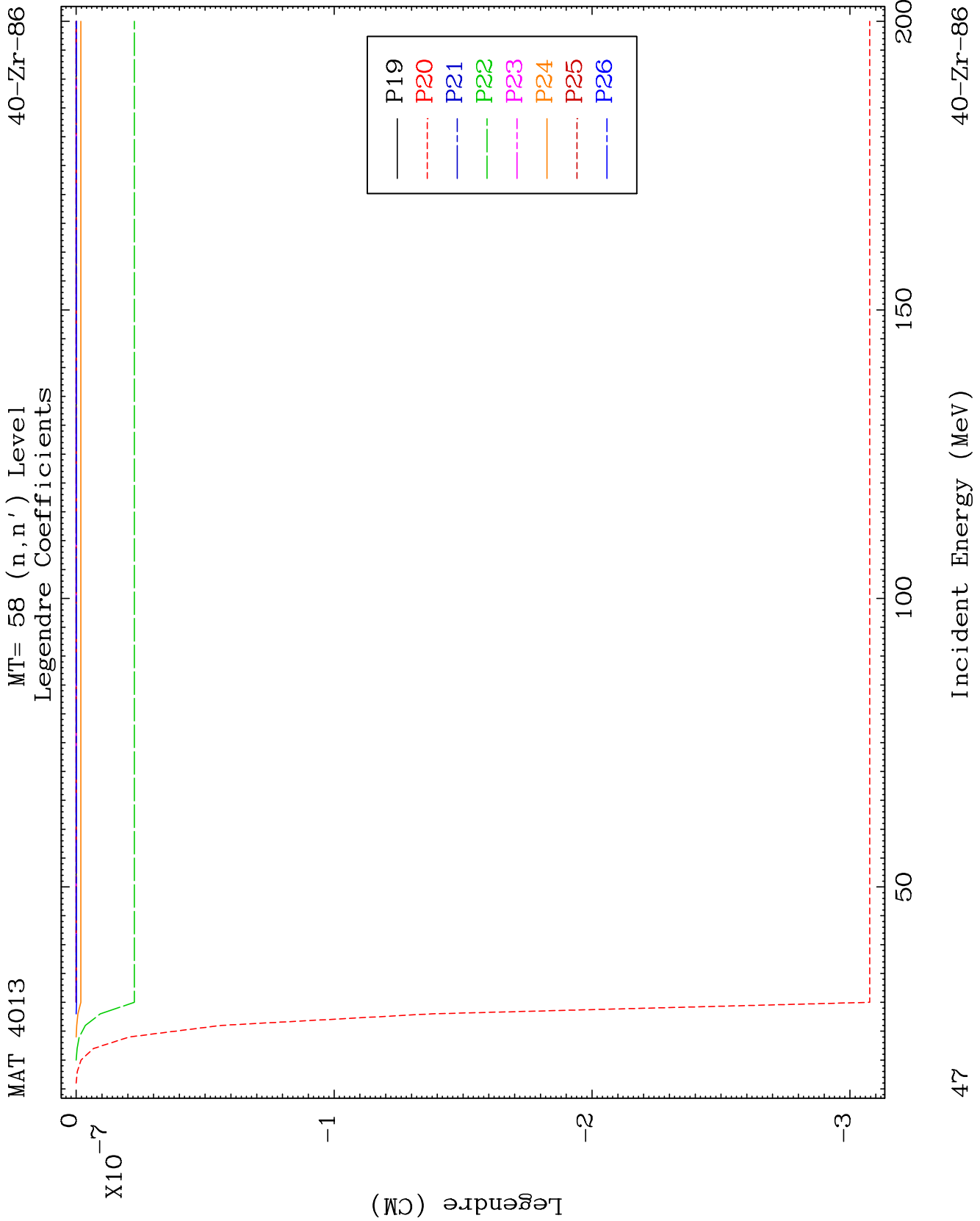
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46

Incident Energy (MeV)

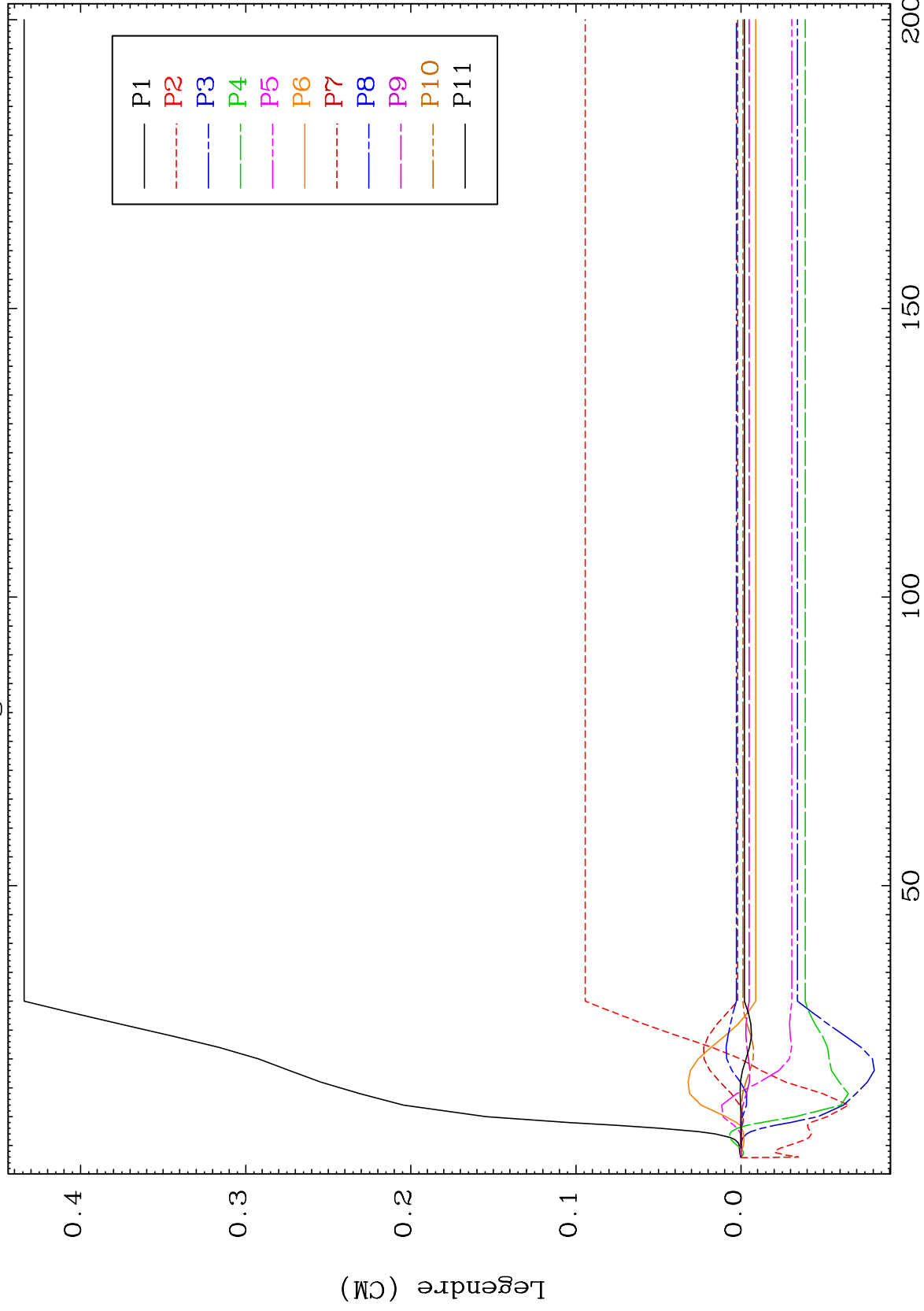
40-Zr-86



MAT 4013

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

40-Zr-86



48

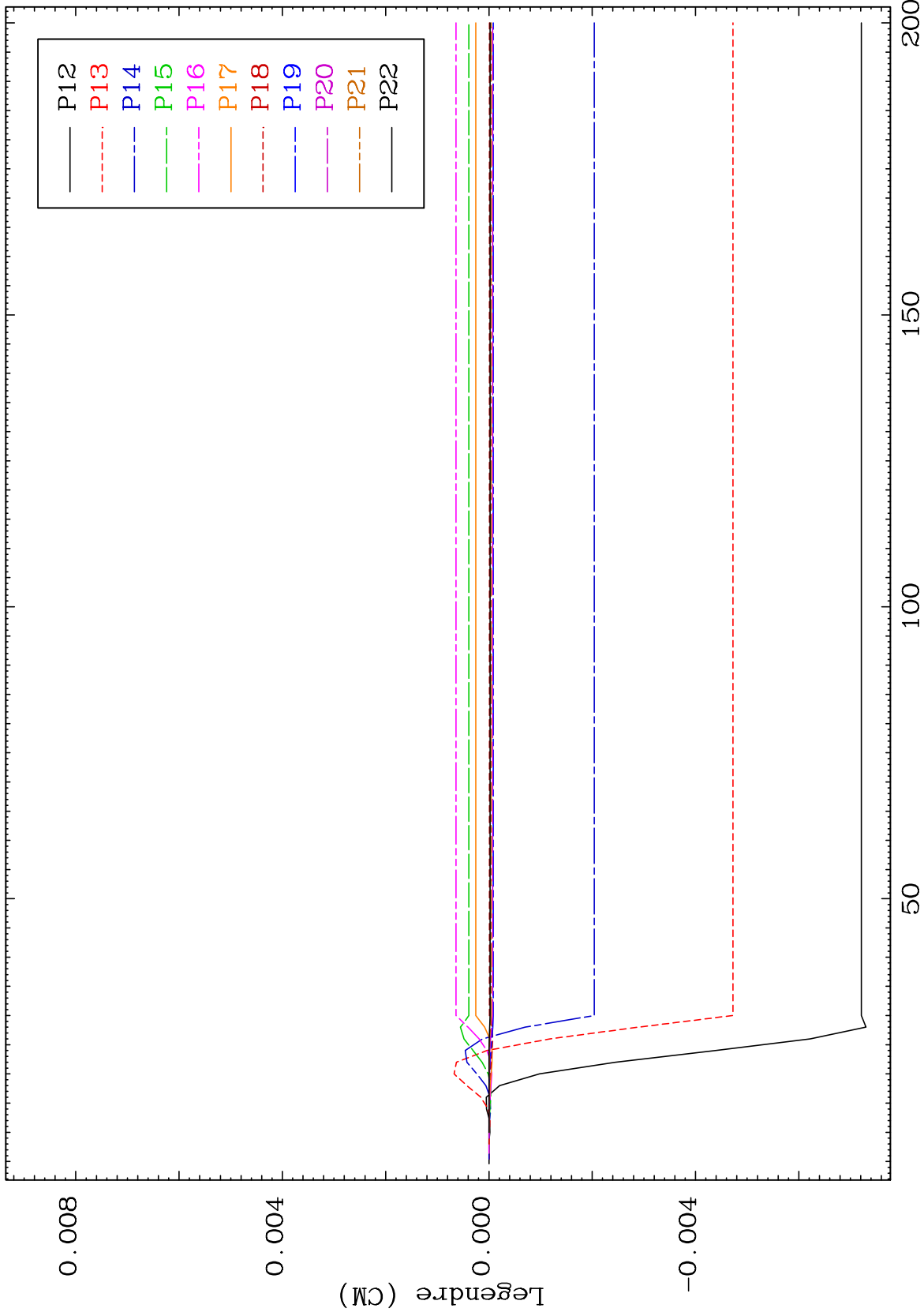
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



49

Incident Energy (MeV)

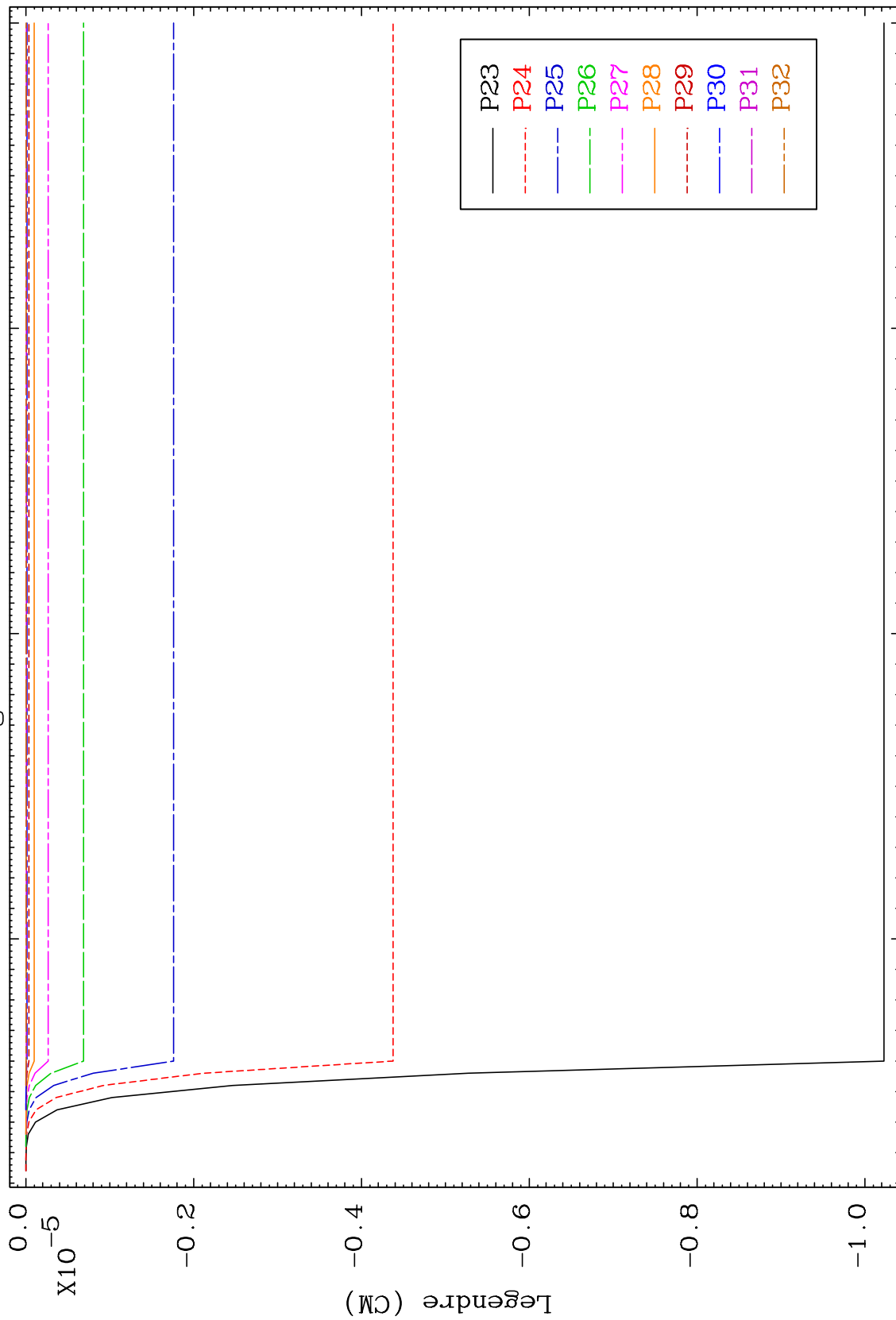
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MAT 4013

MT= 59 (n,n') Level

Legendre Coefficients

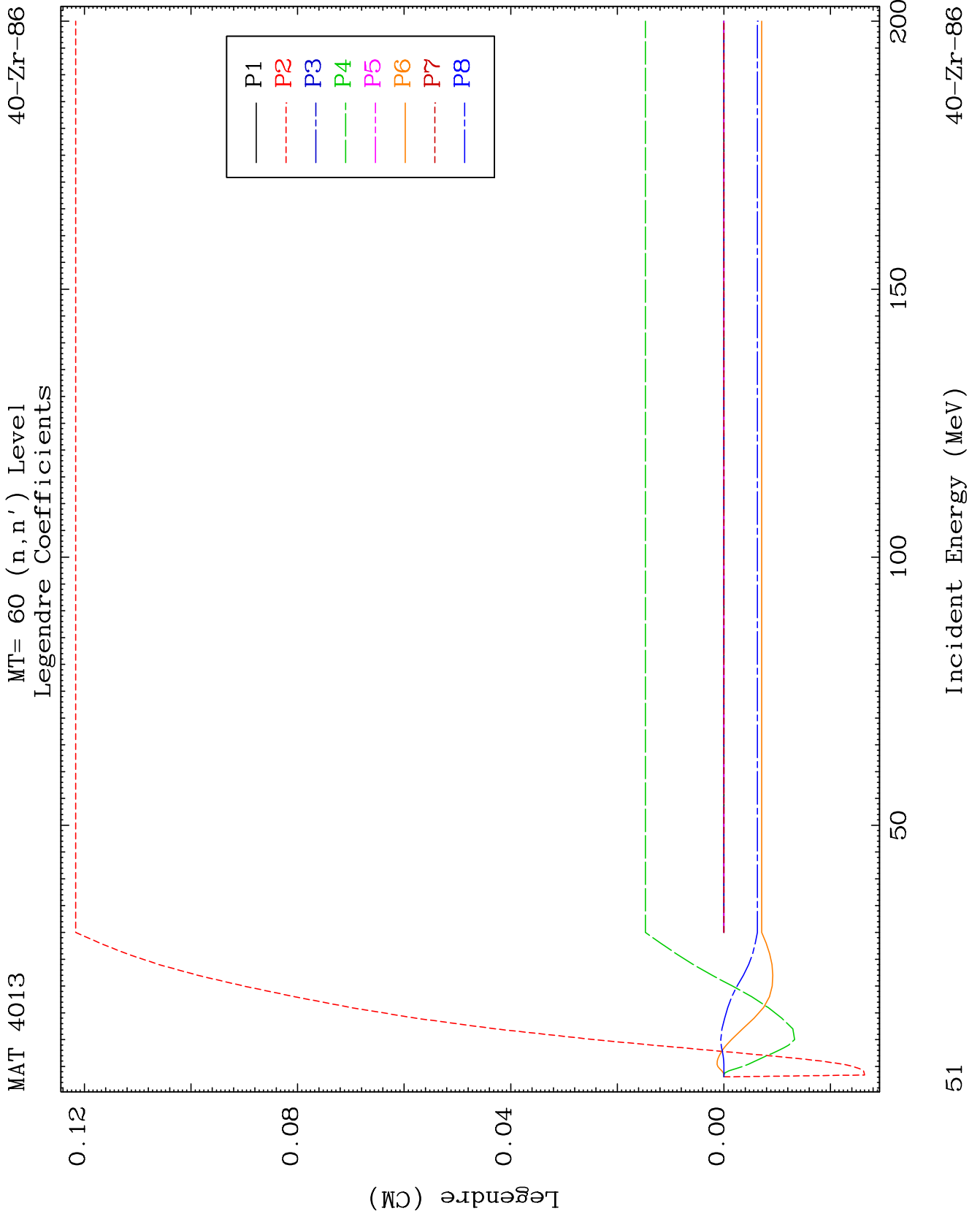
40-Zr-86



40-Zr-86

Incident Energy (MeV)

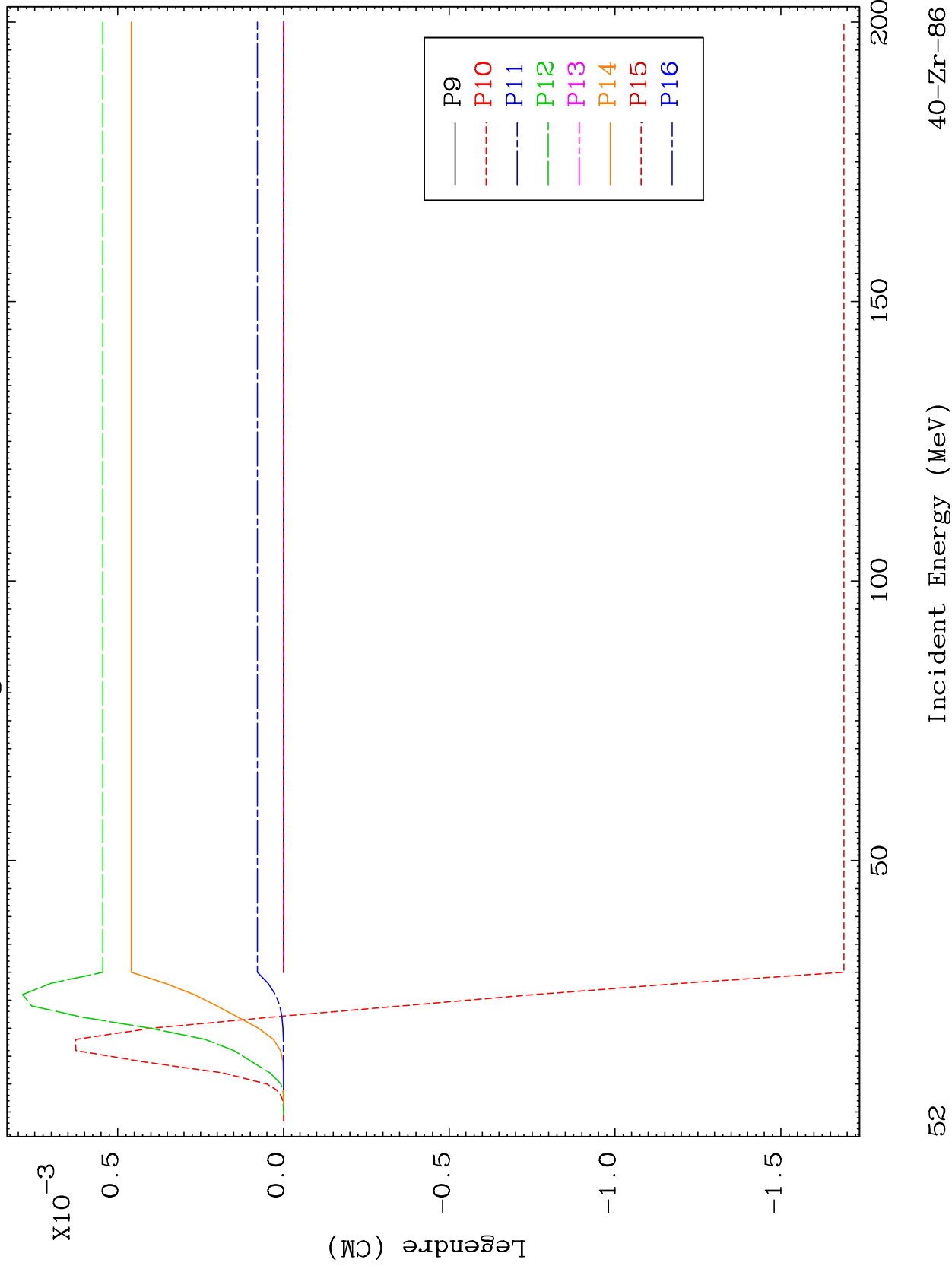
50



MAT 4013

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

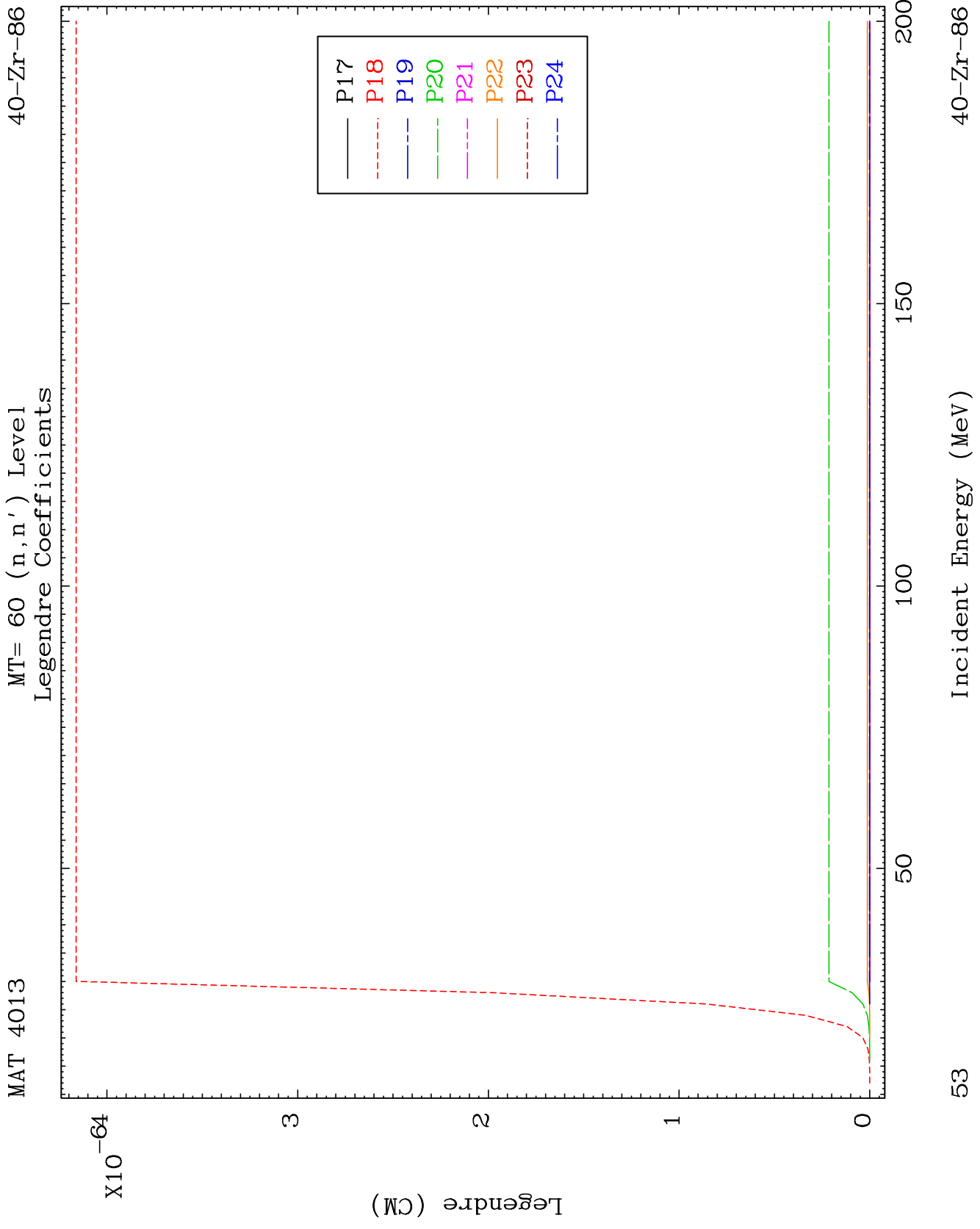
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52

Incident Energy (MeV)

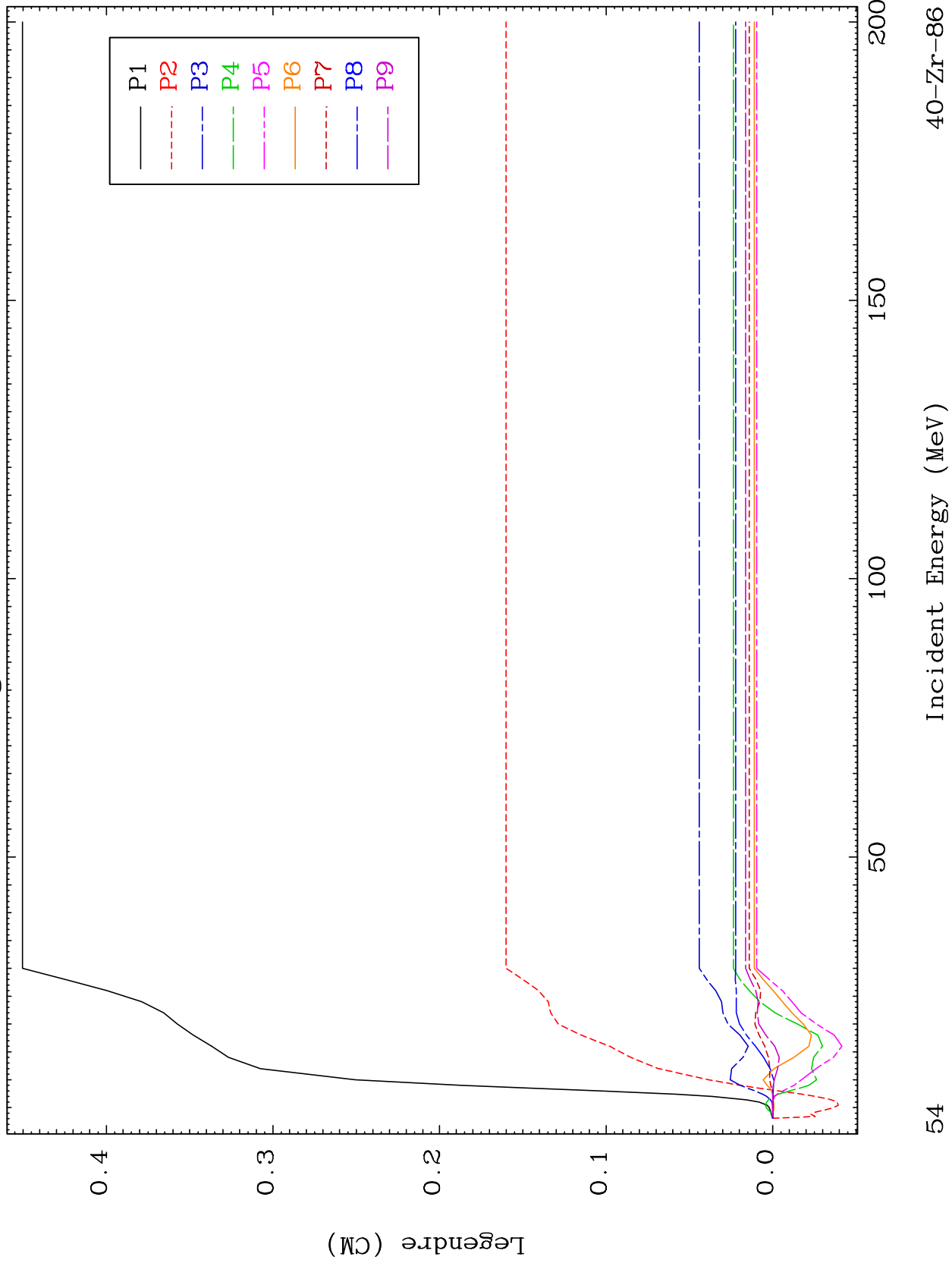
40-Zr-86



MAT 4013

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

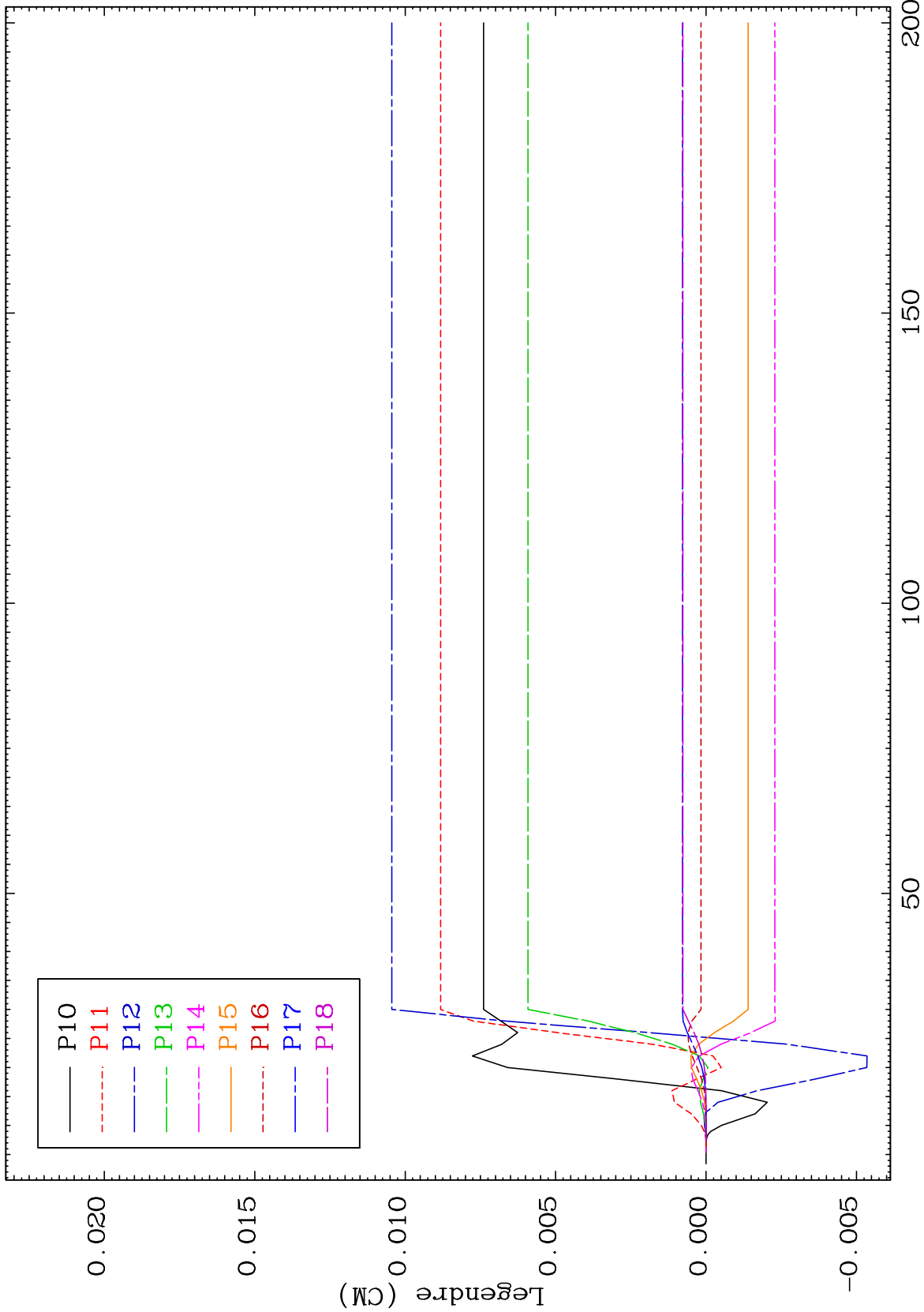
40-Zr-86



MAT 4013

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

40-Zr-86



55

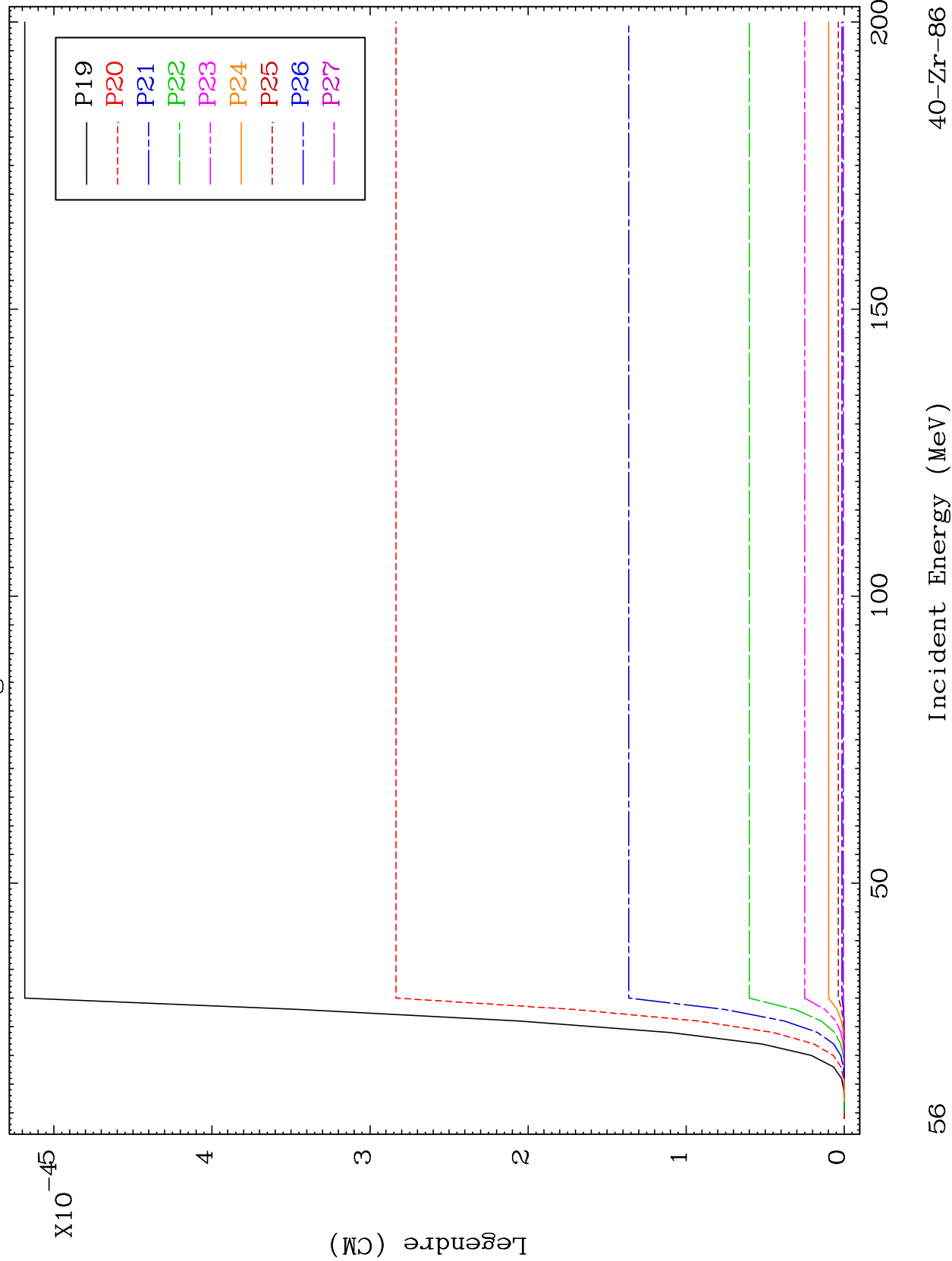
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

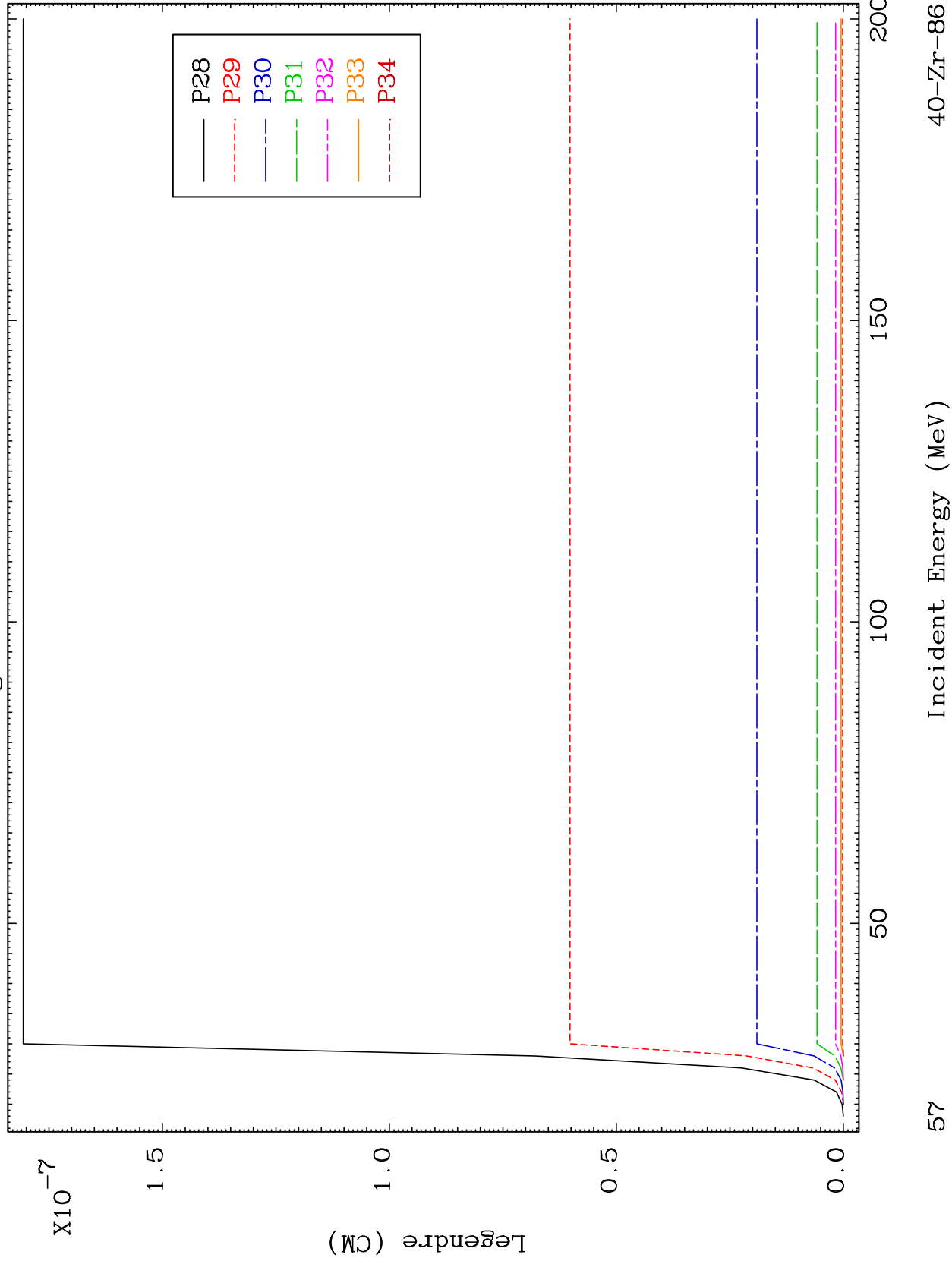
40-Zr-86



MAT 4013

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

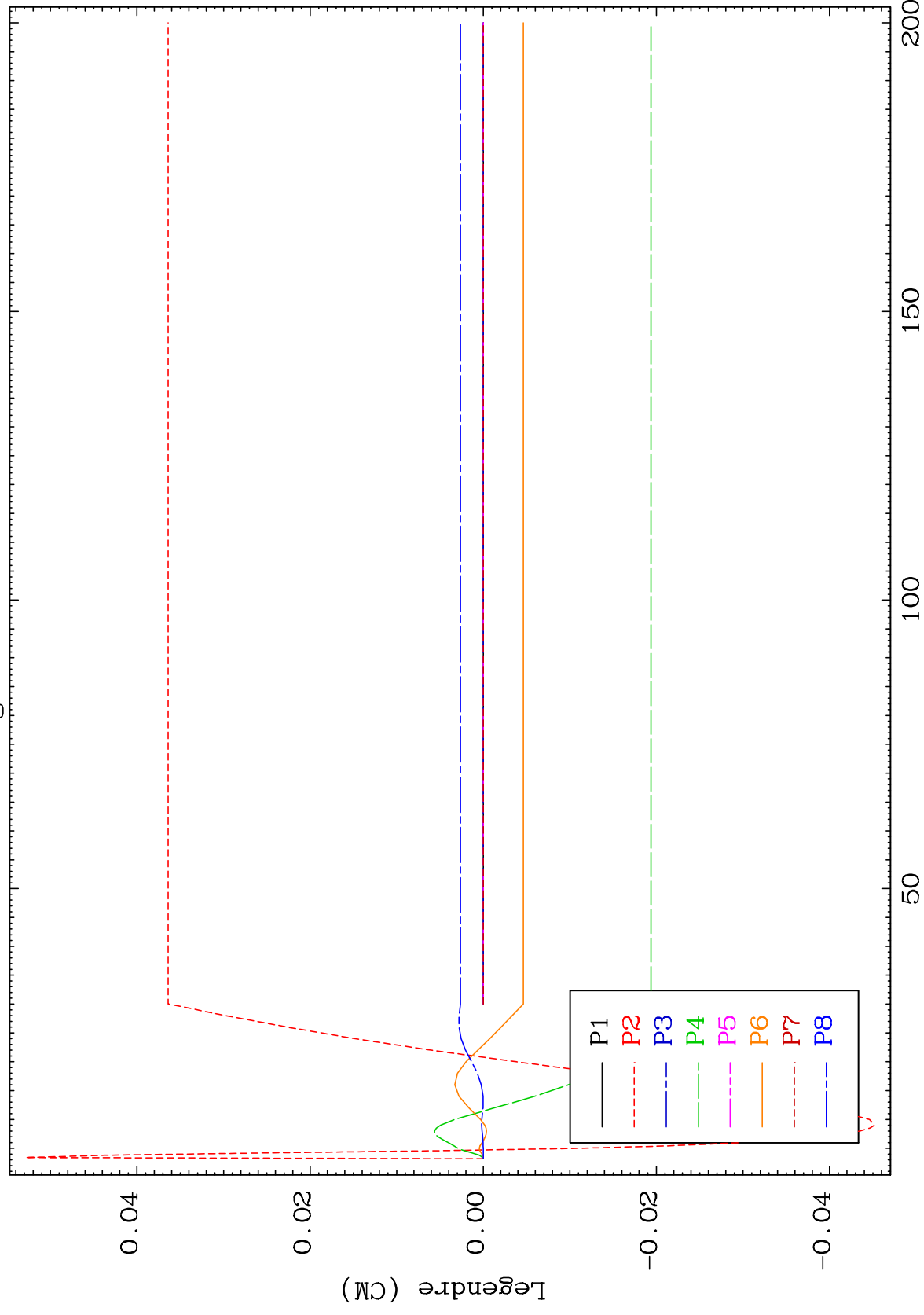
40-Zr-86



MAT 4013

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

40-Zr-86



58

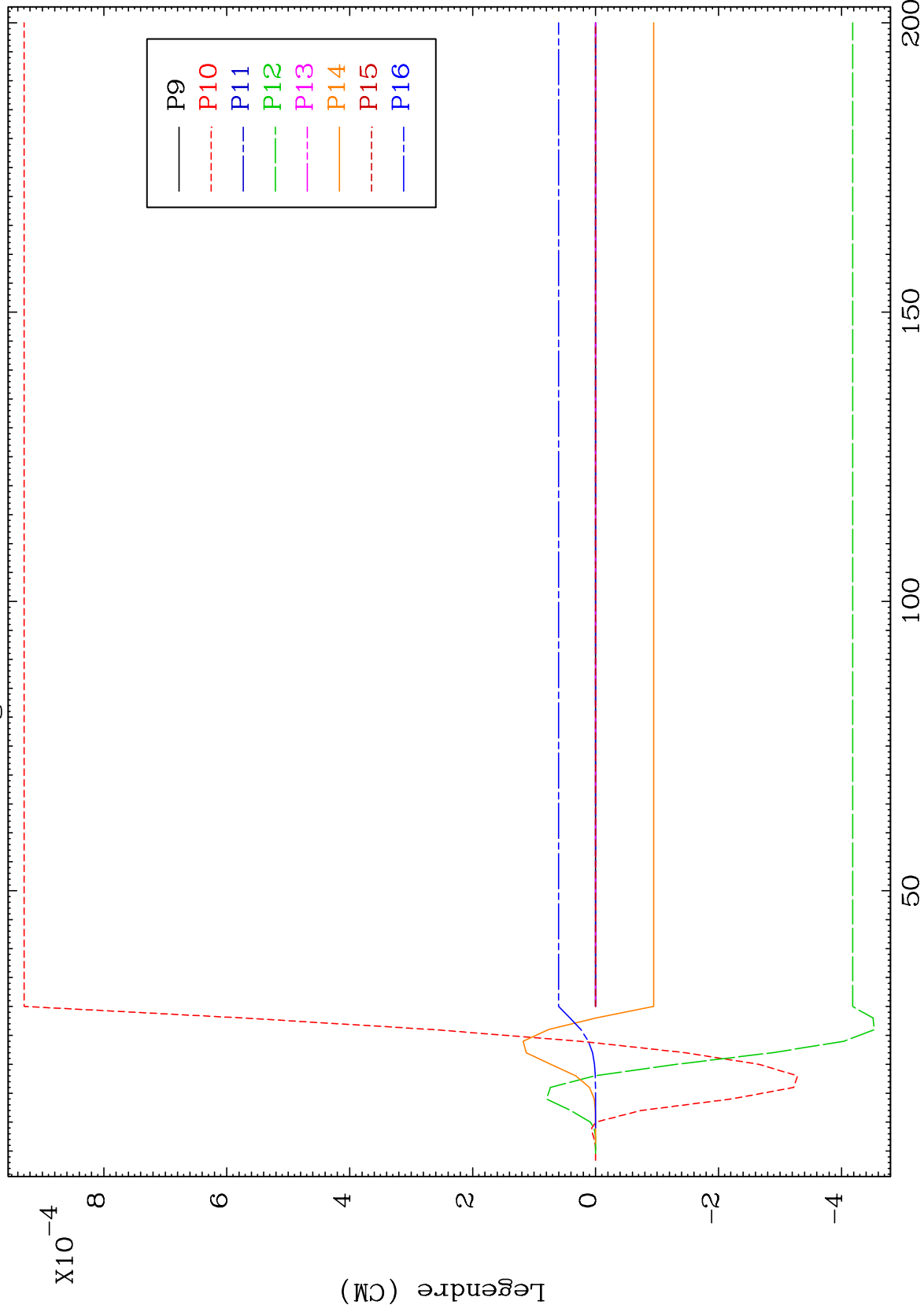
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

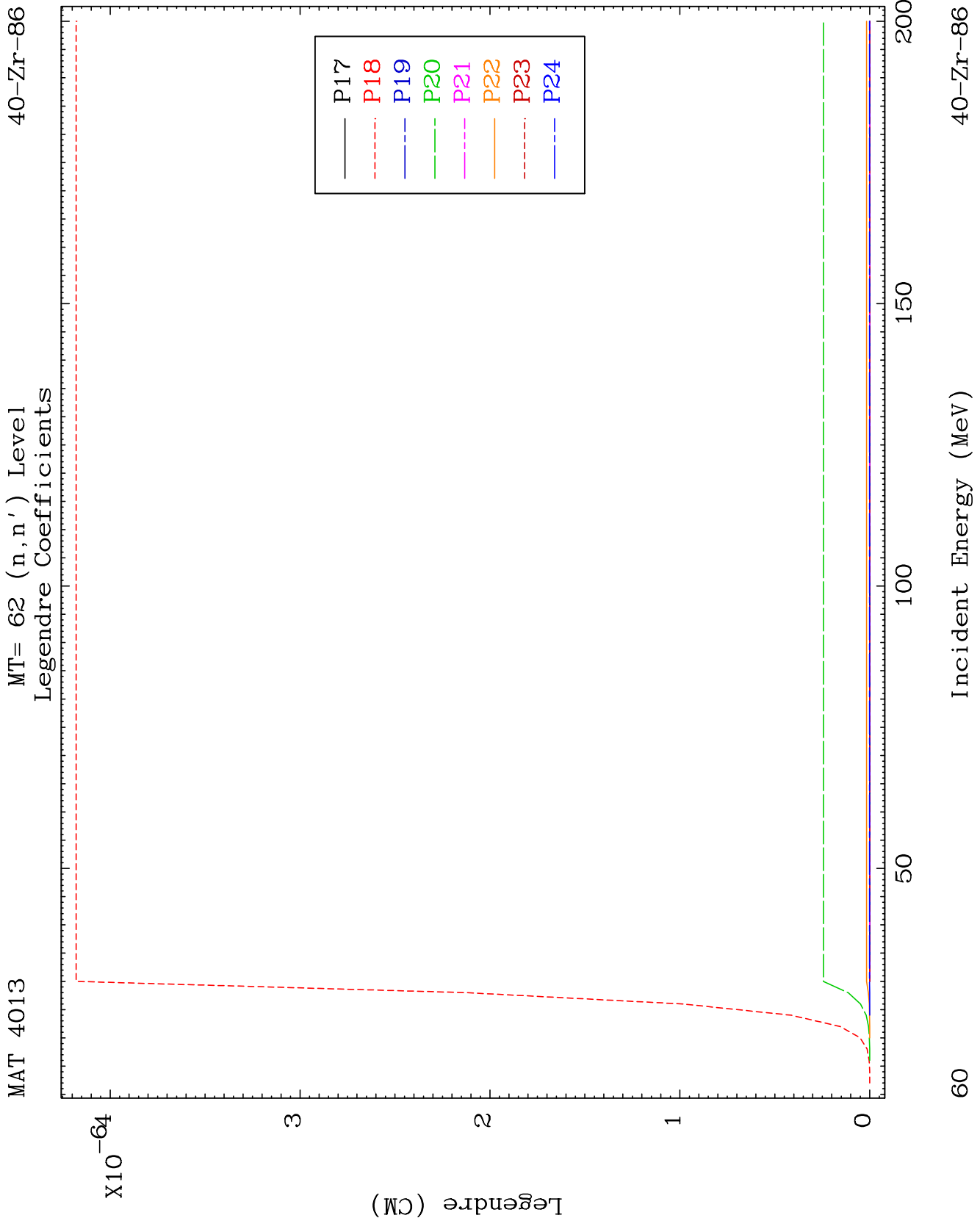
40-Zr-86



59

Incident Energy (MeV)

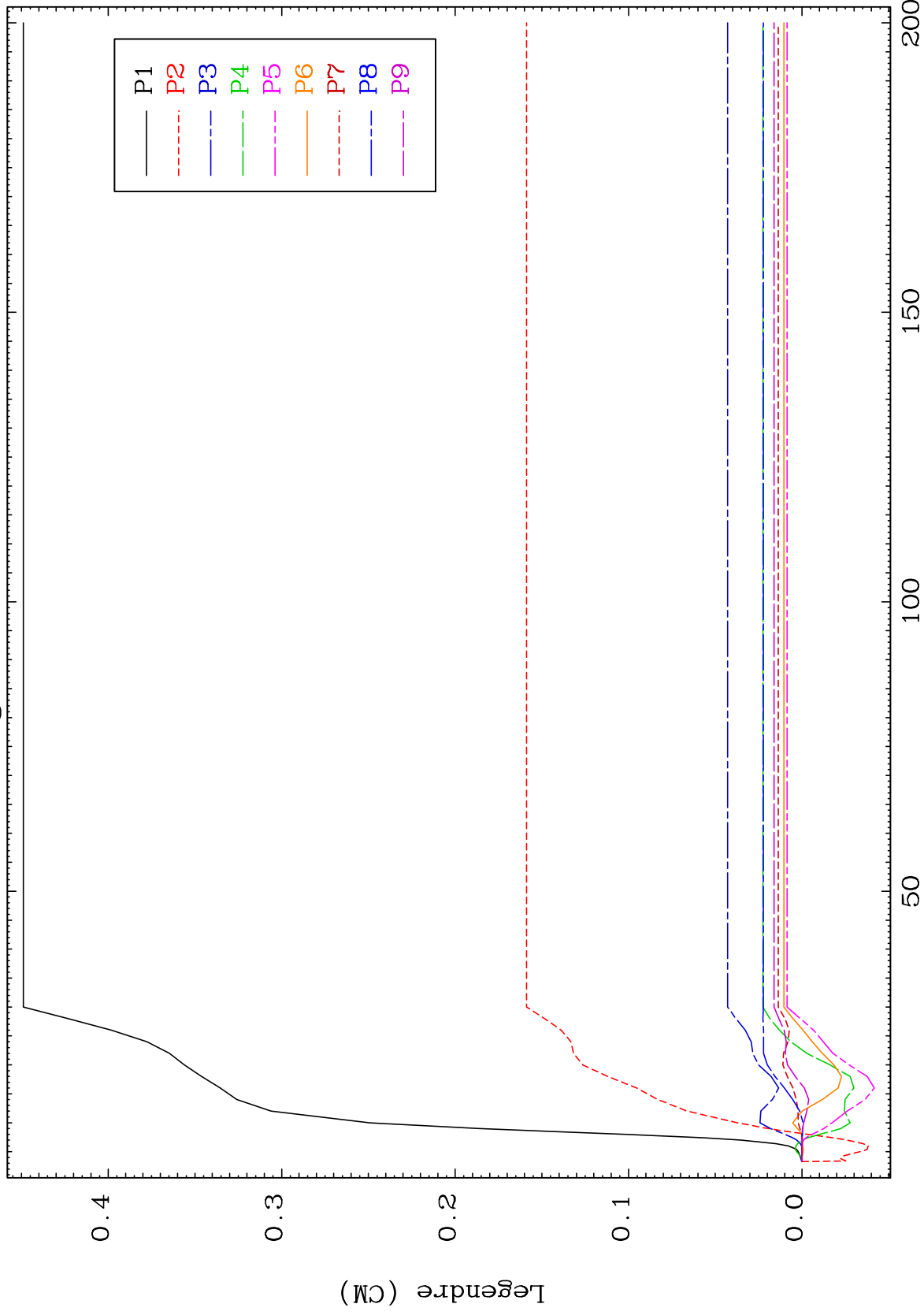
40-Zr-86



MAT 4013

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

40-Zr-86



61

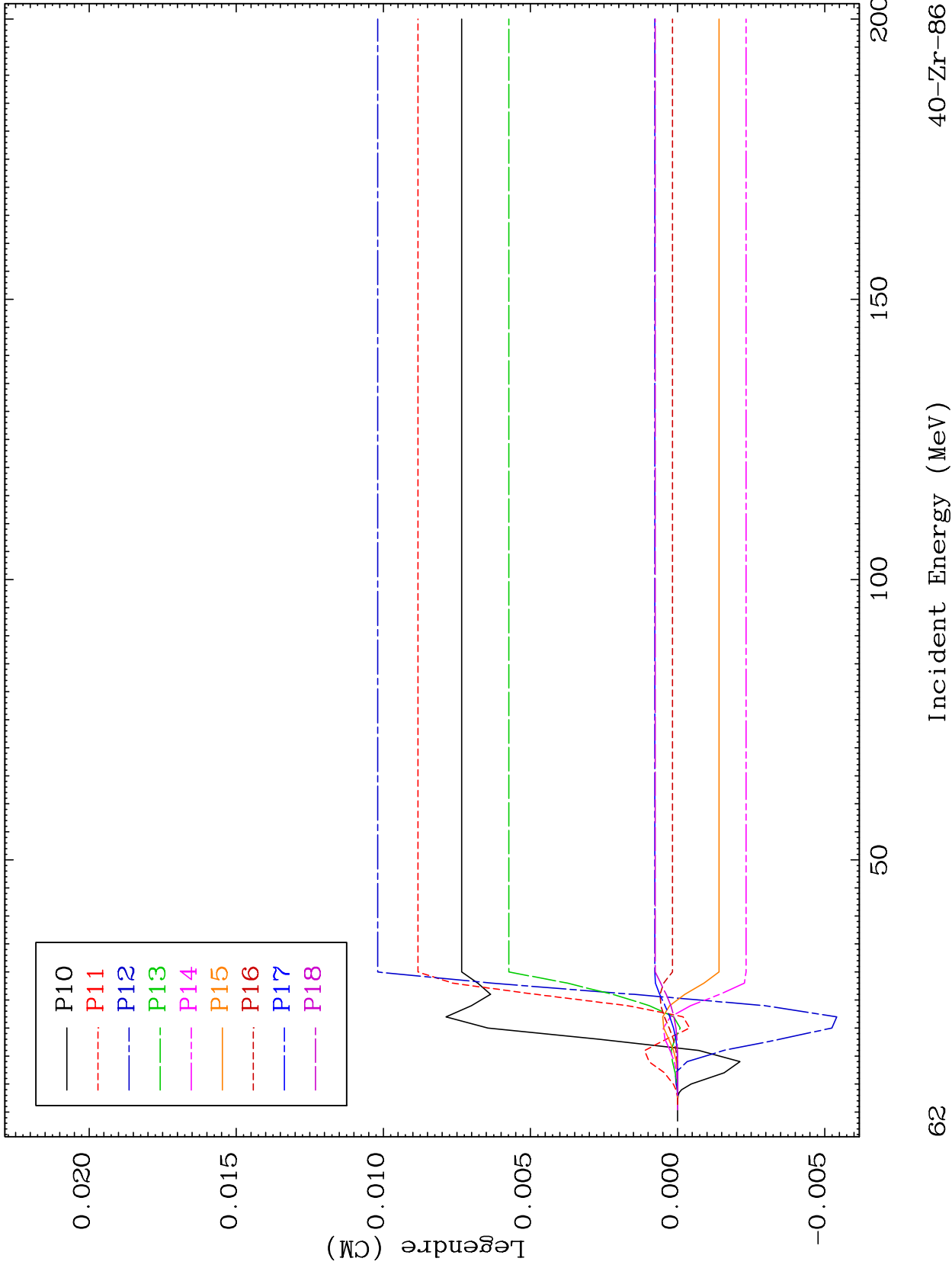
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86

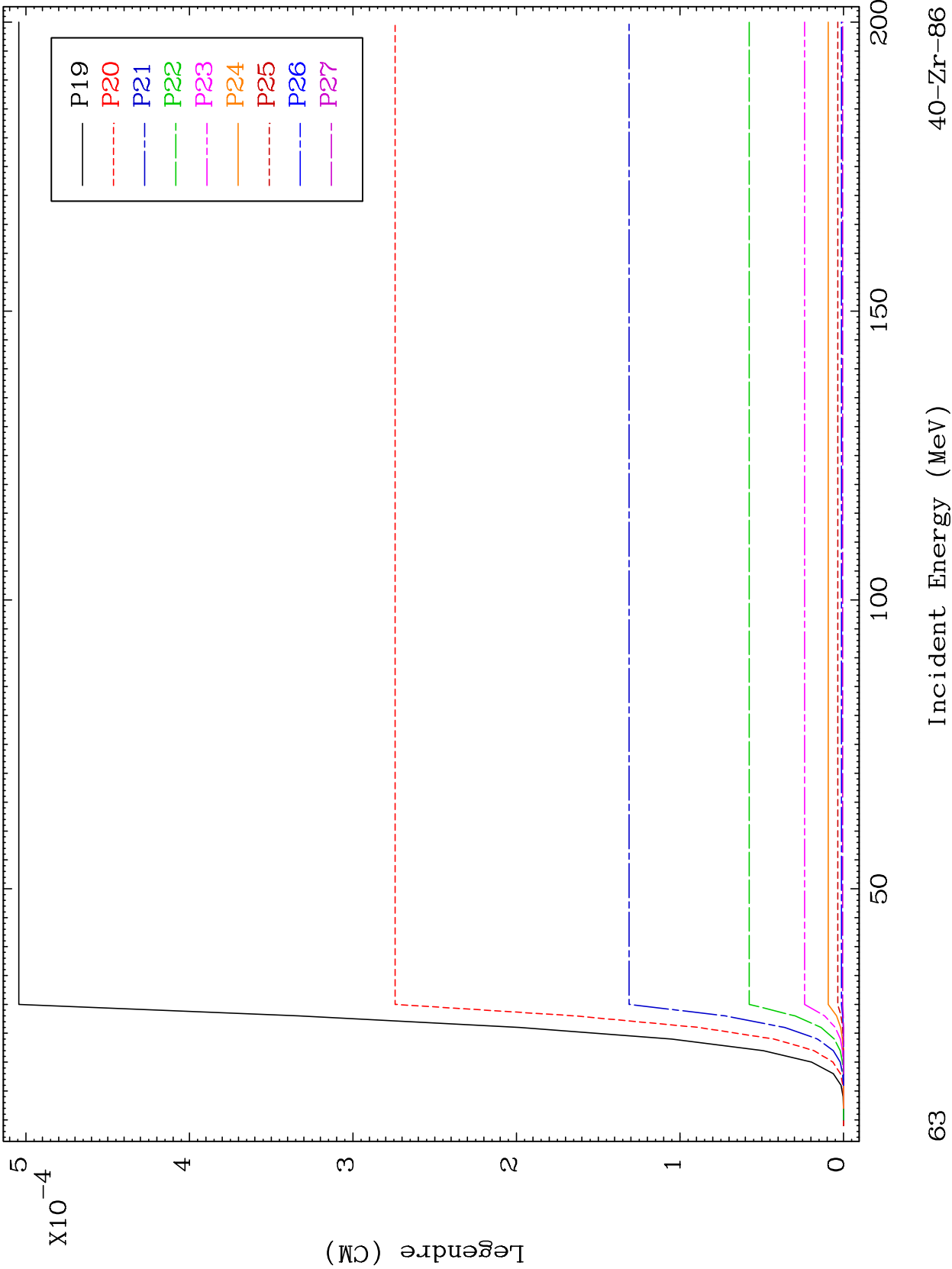


62

MAT 4013

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

40-Zr-86



63

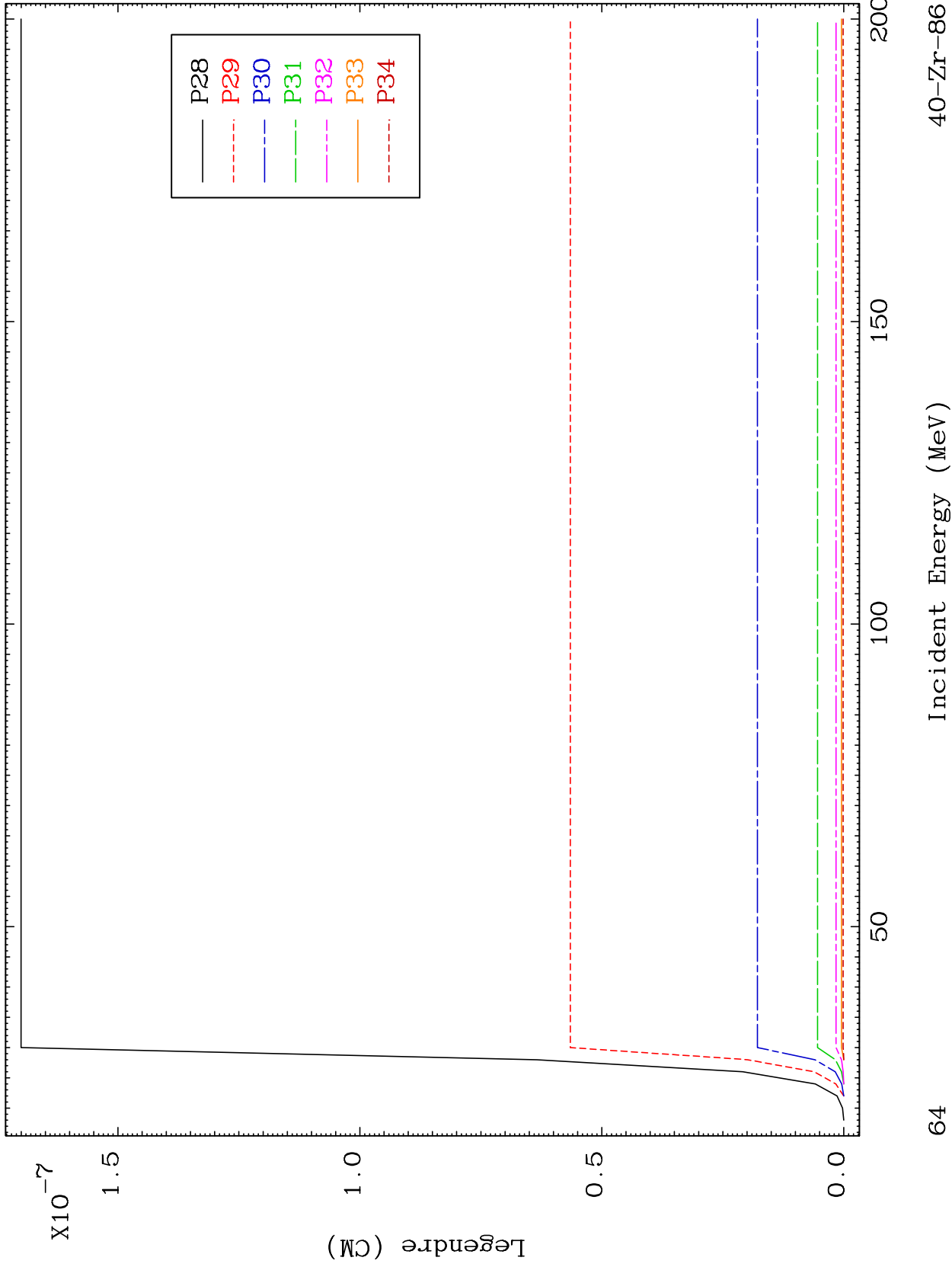
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

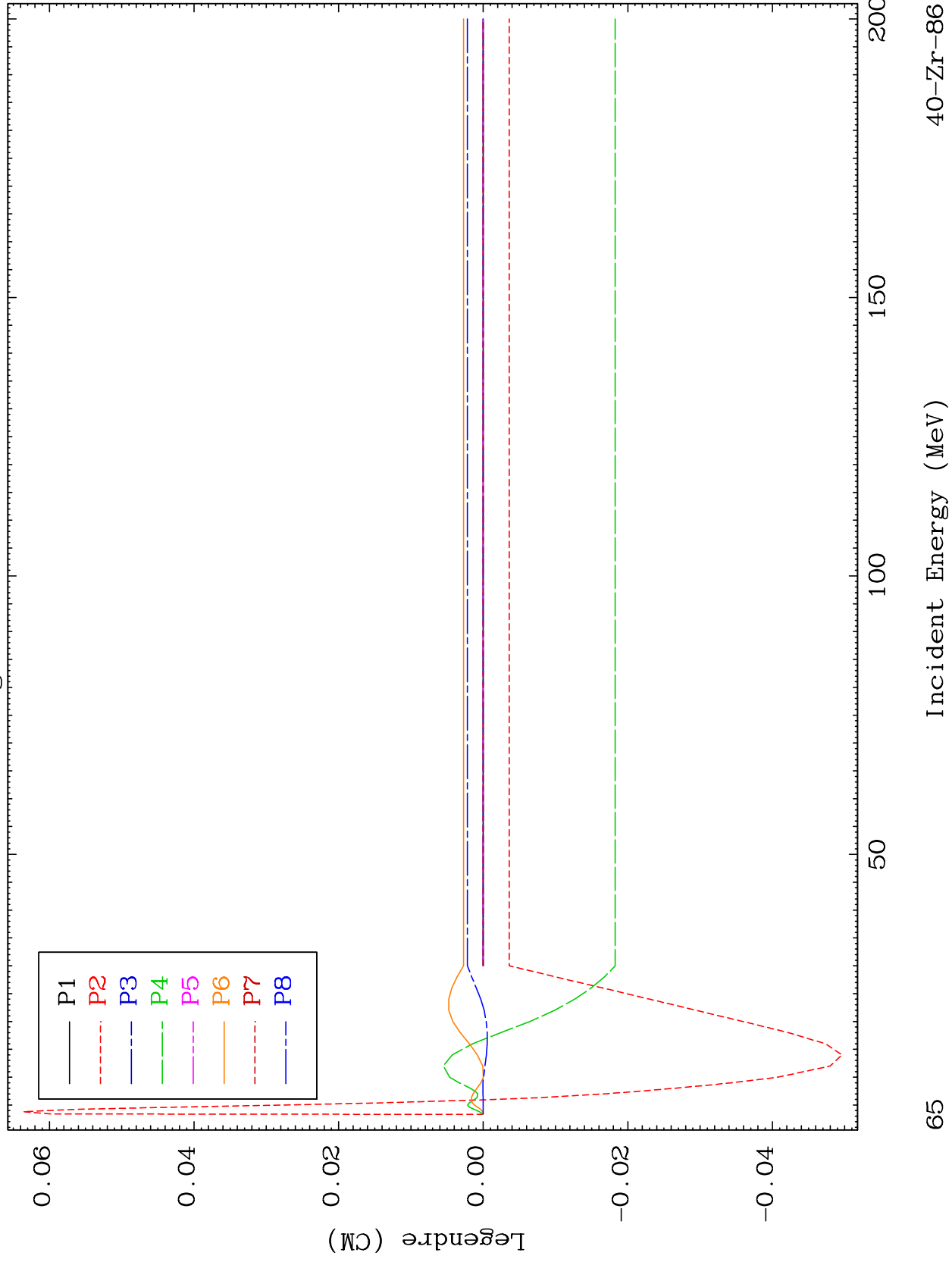
40-Zr-86



MAT 4013

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

40-Zr-86



40-Zr-86

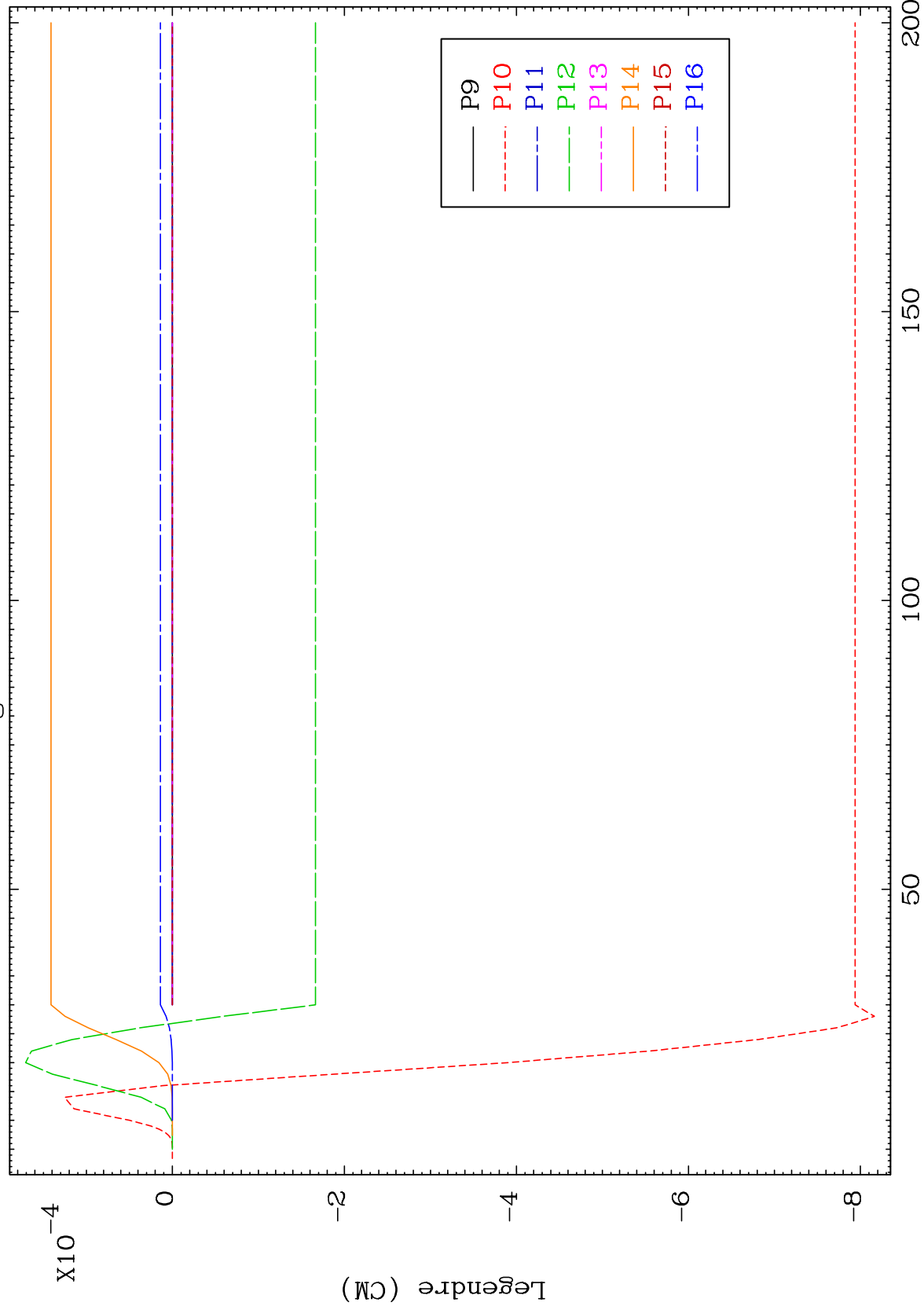
Incident Energy (MeV)

65

MAT 4013

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

40-Zr-86



66

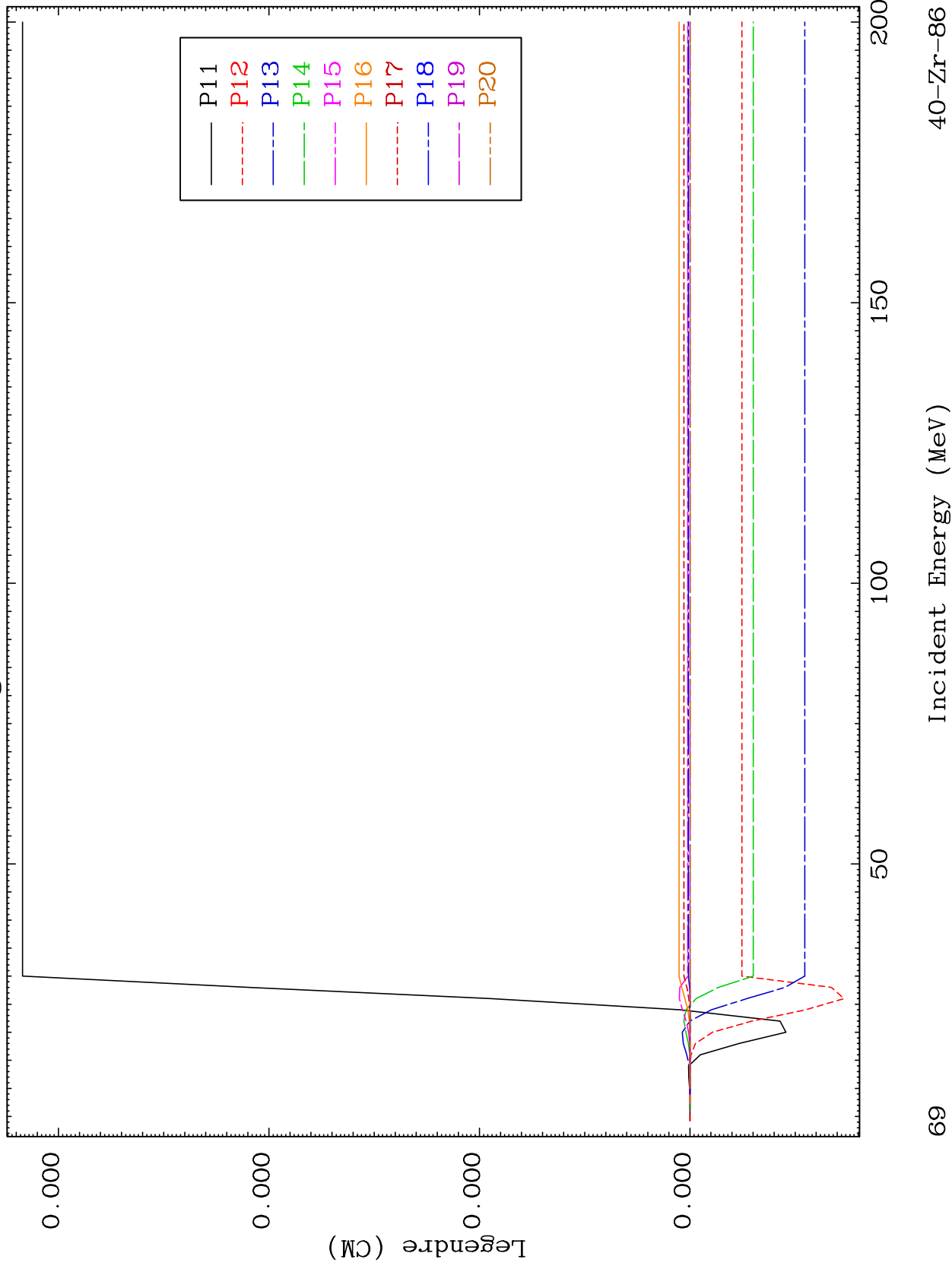
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

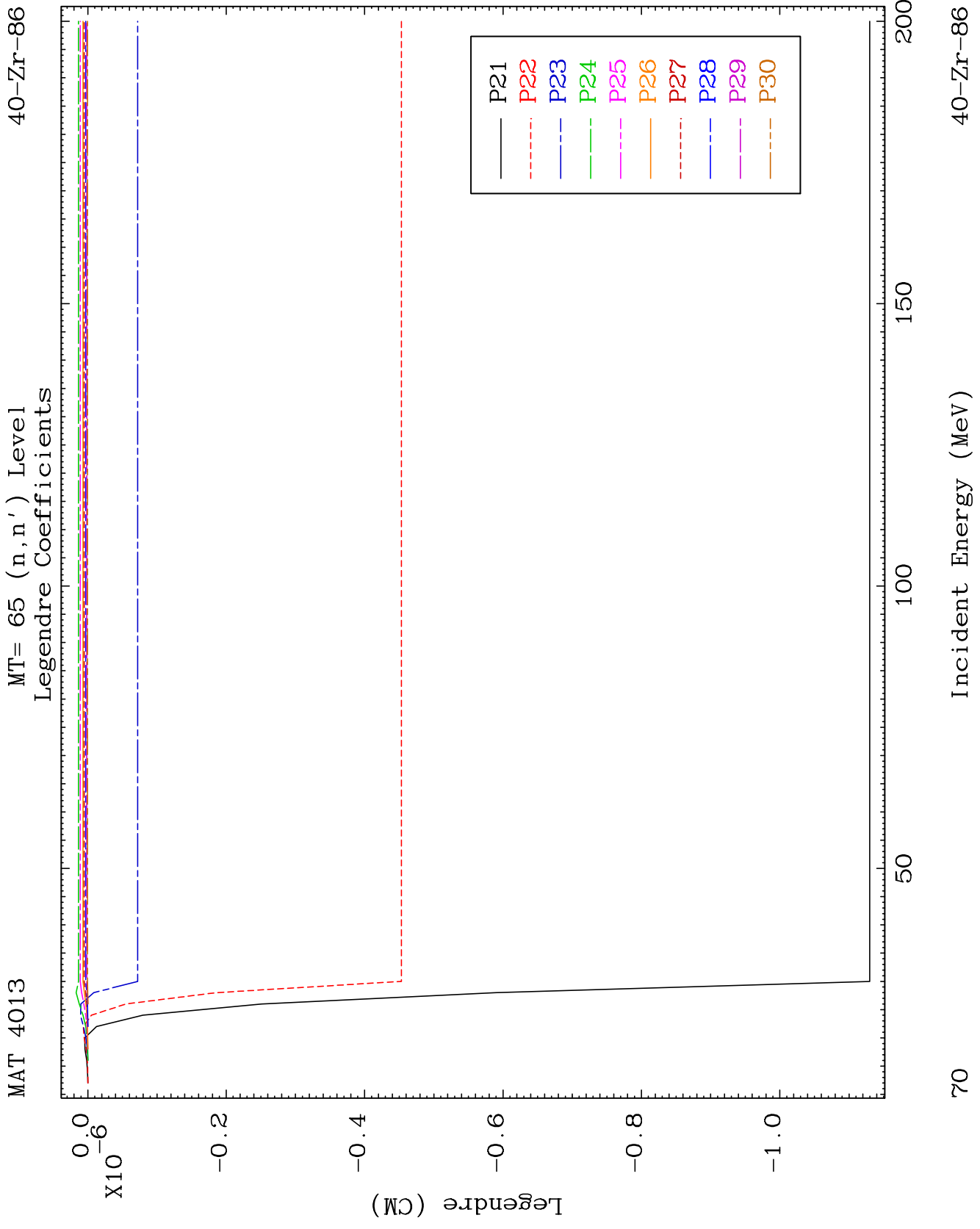
40-Zr-86



69

Incident Energy (MeV)

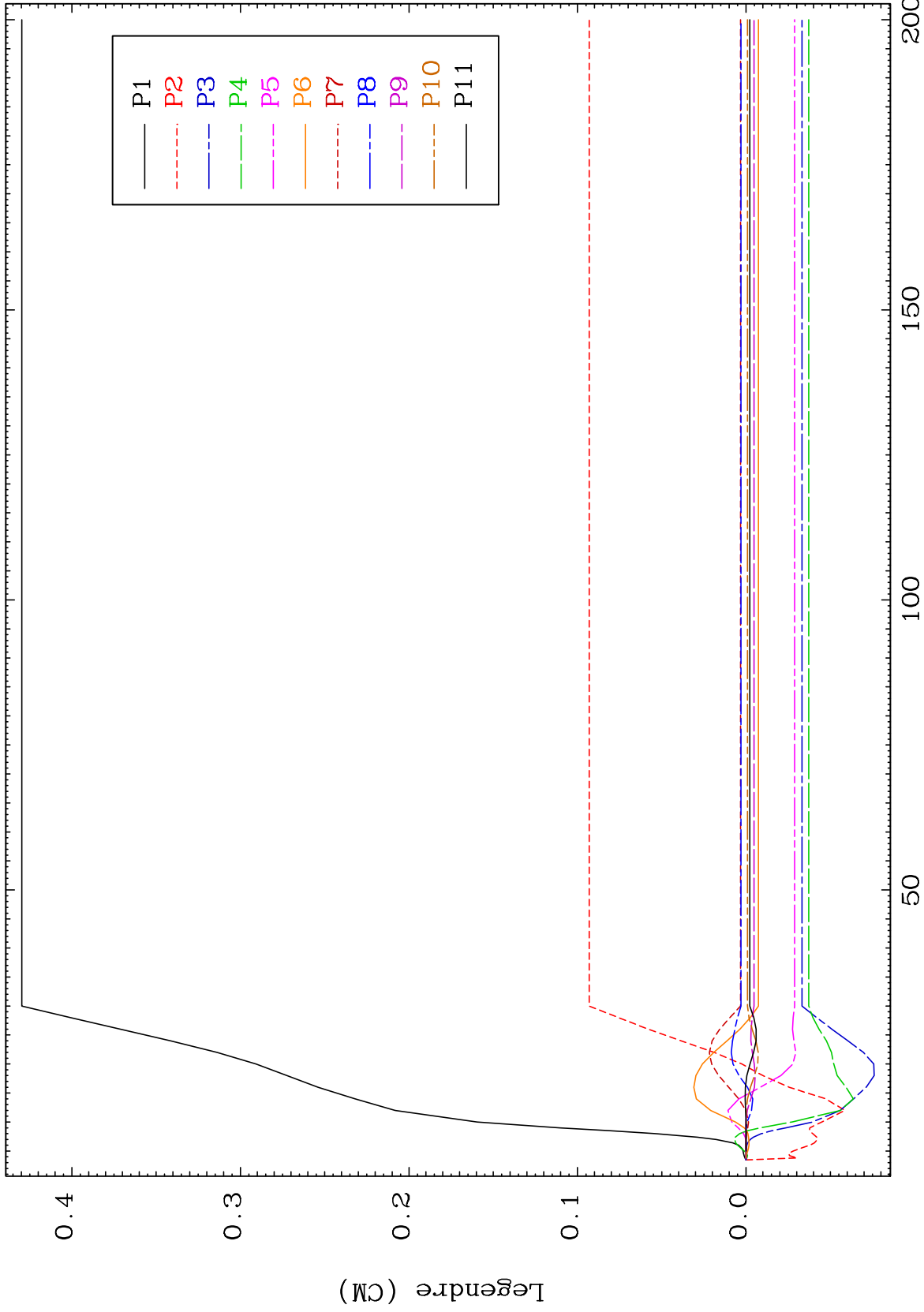
40-Zr-86



MAT 4013

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

40-Zr-86



71

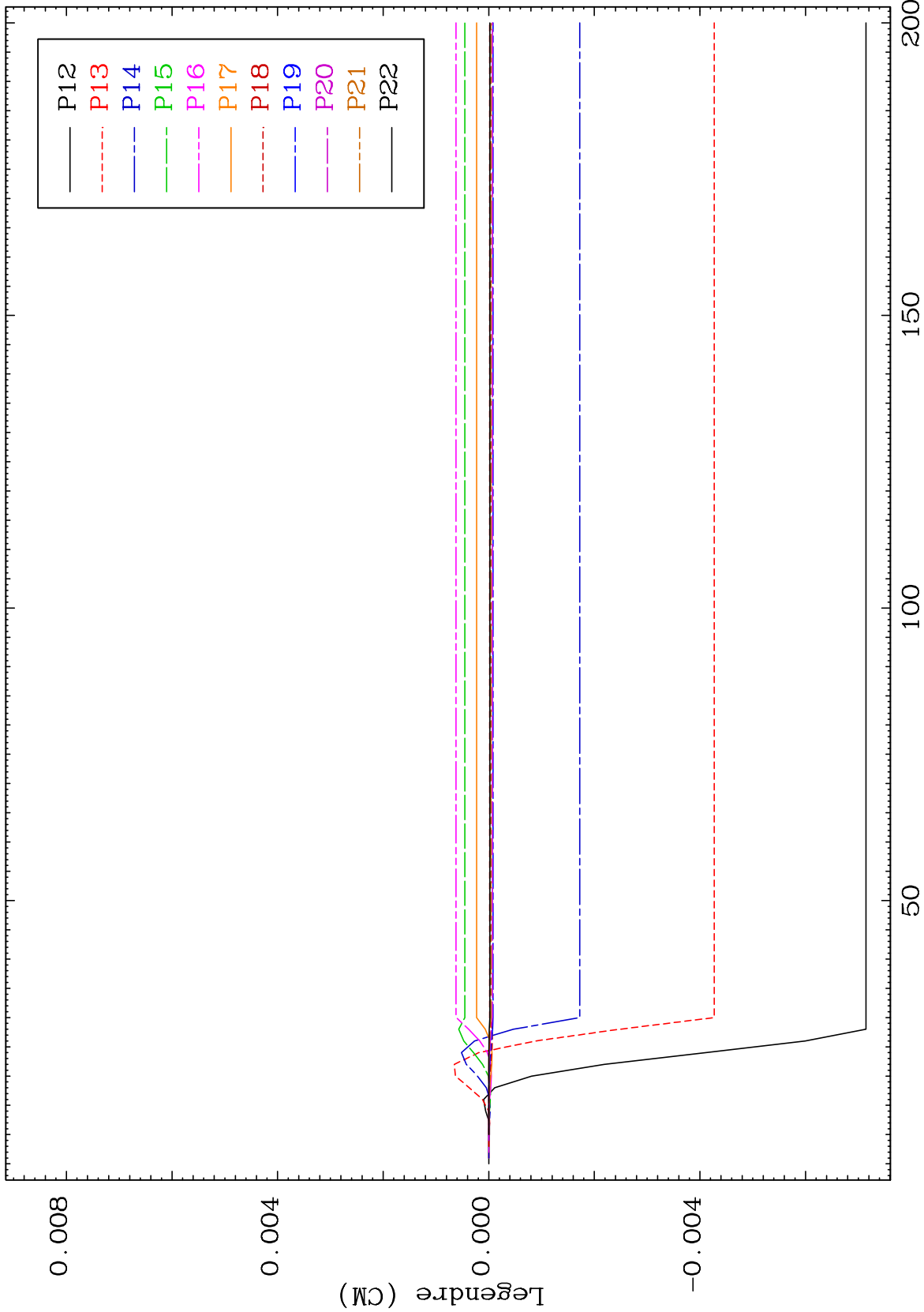
Incident Energy (MeV)

40-Zr-86

MAT 4013

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

40-Zr-86



72

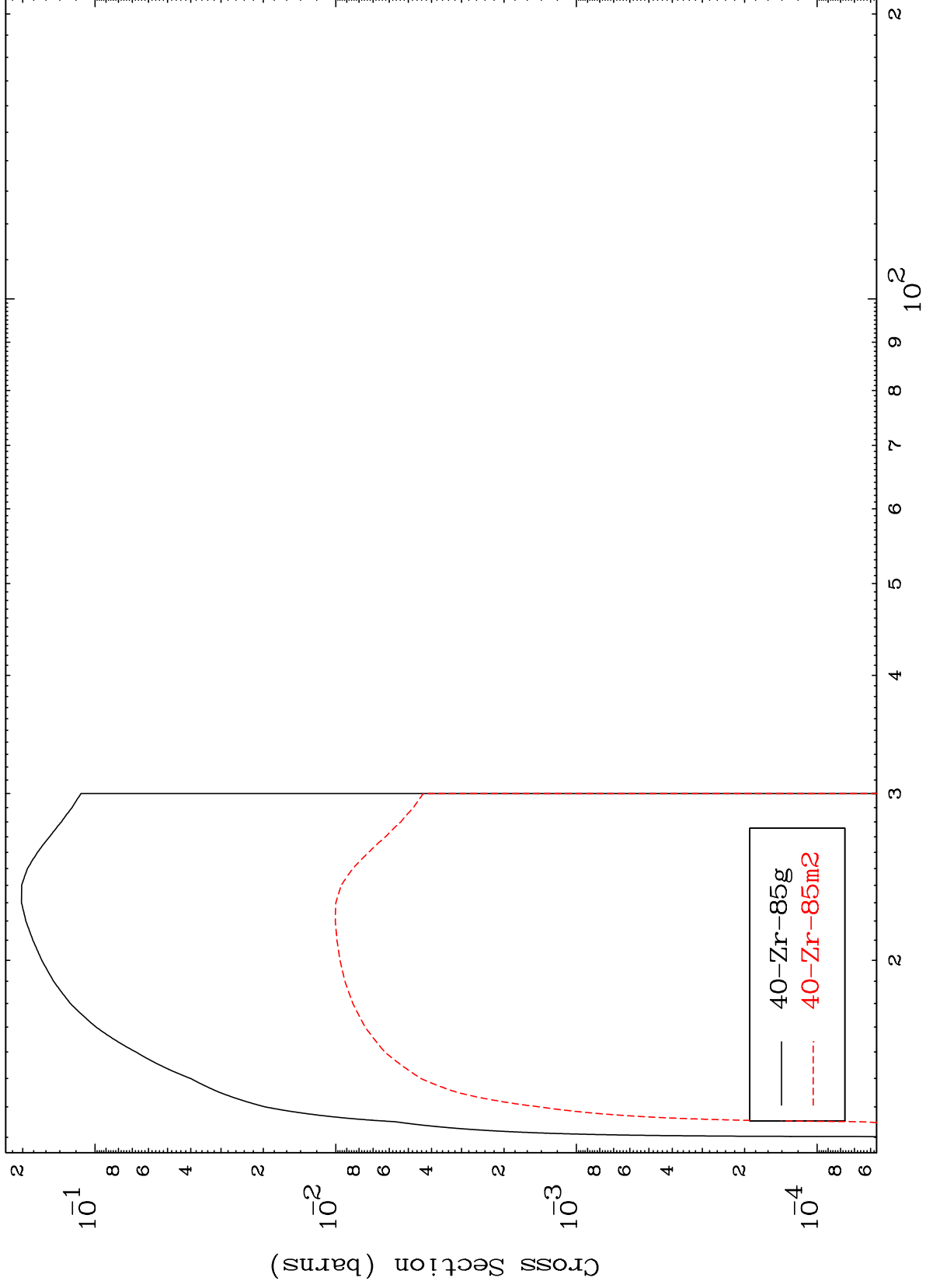
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

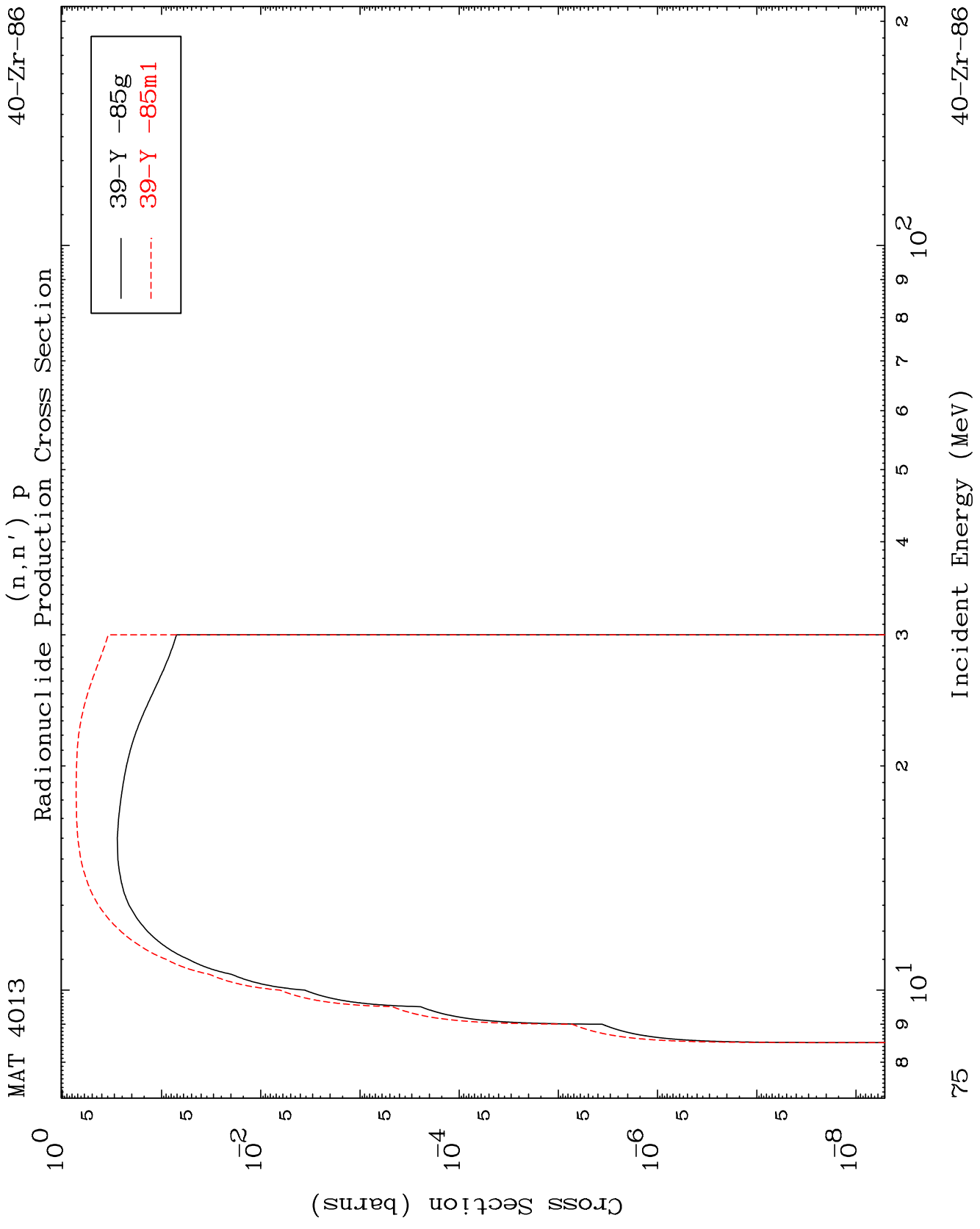
(n,2n)
Radionuclide Production Cross Section



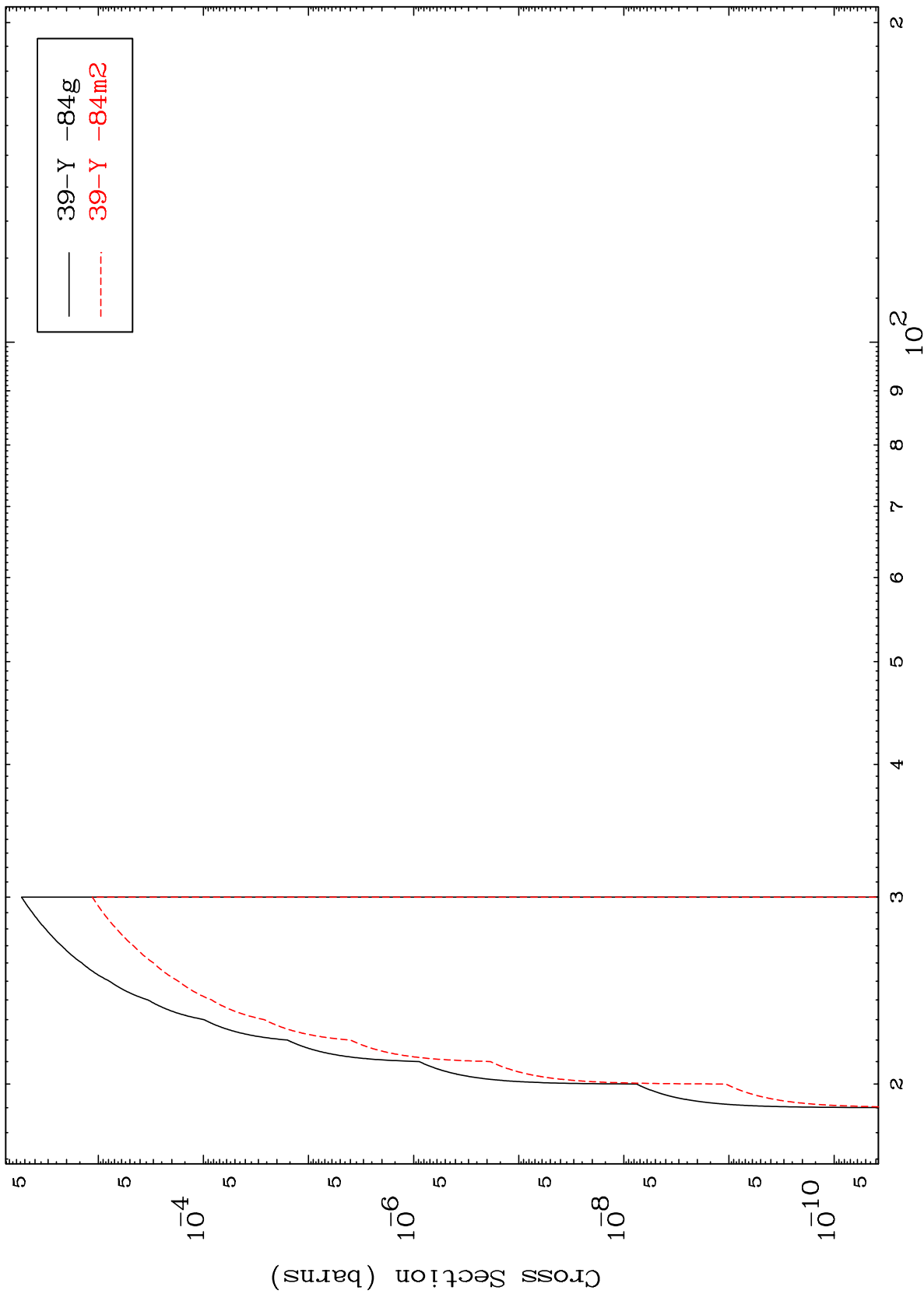
74

Incident Energy (MeV)

40-Zr-86



Radionuclide Production Cross Section

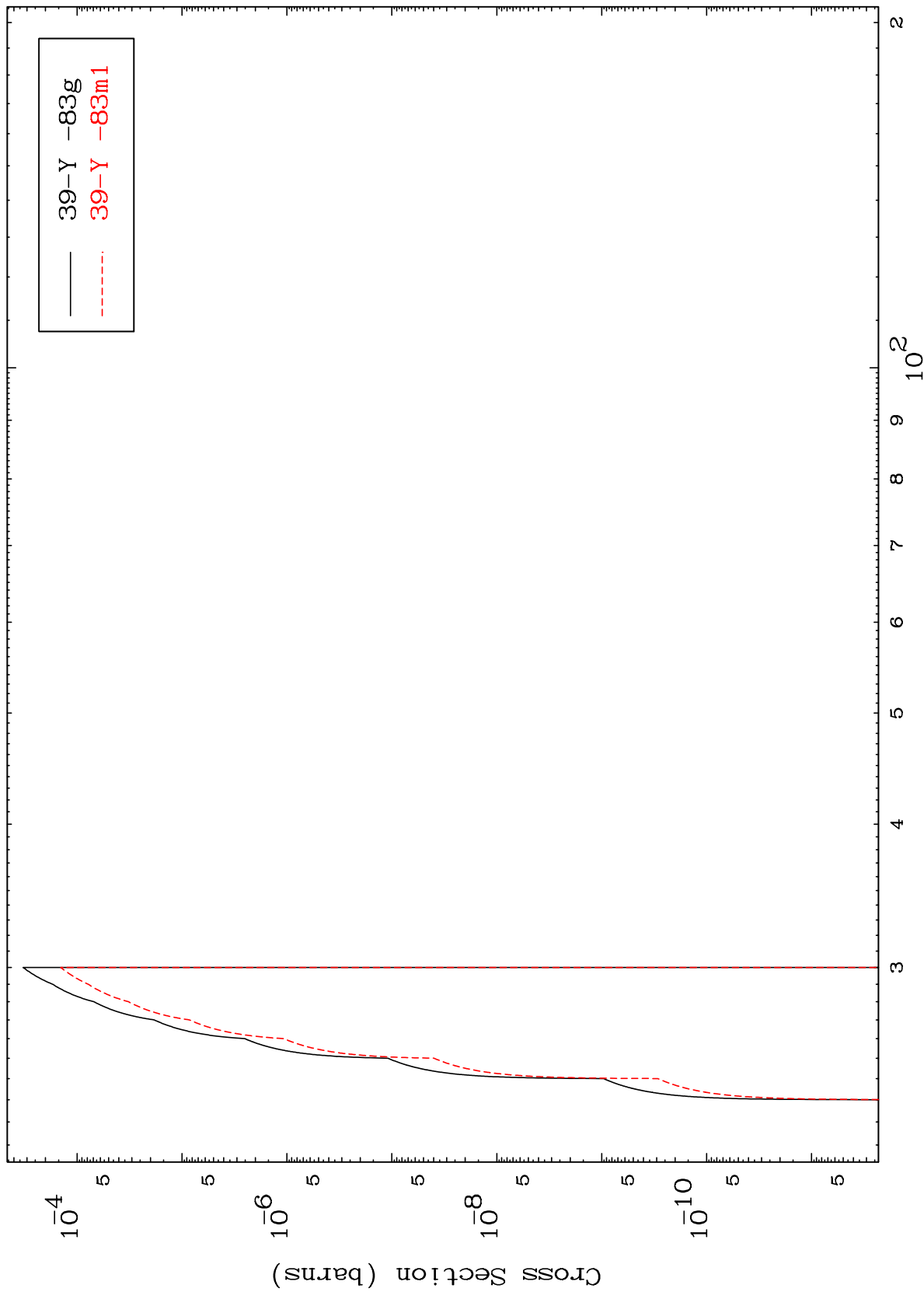


MAT 4013

(n,n') t

40-Zr-86

Radionuclide Production Cross Section



77

Incident Energy (MeV)

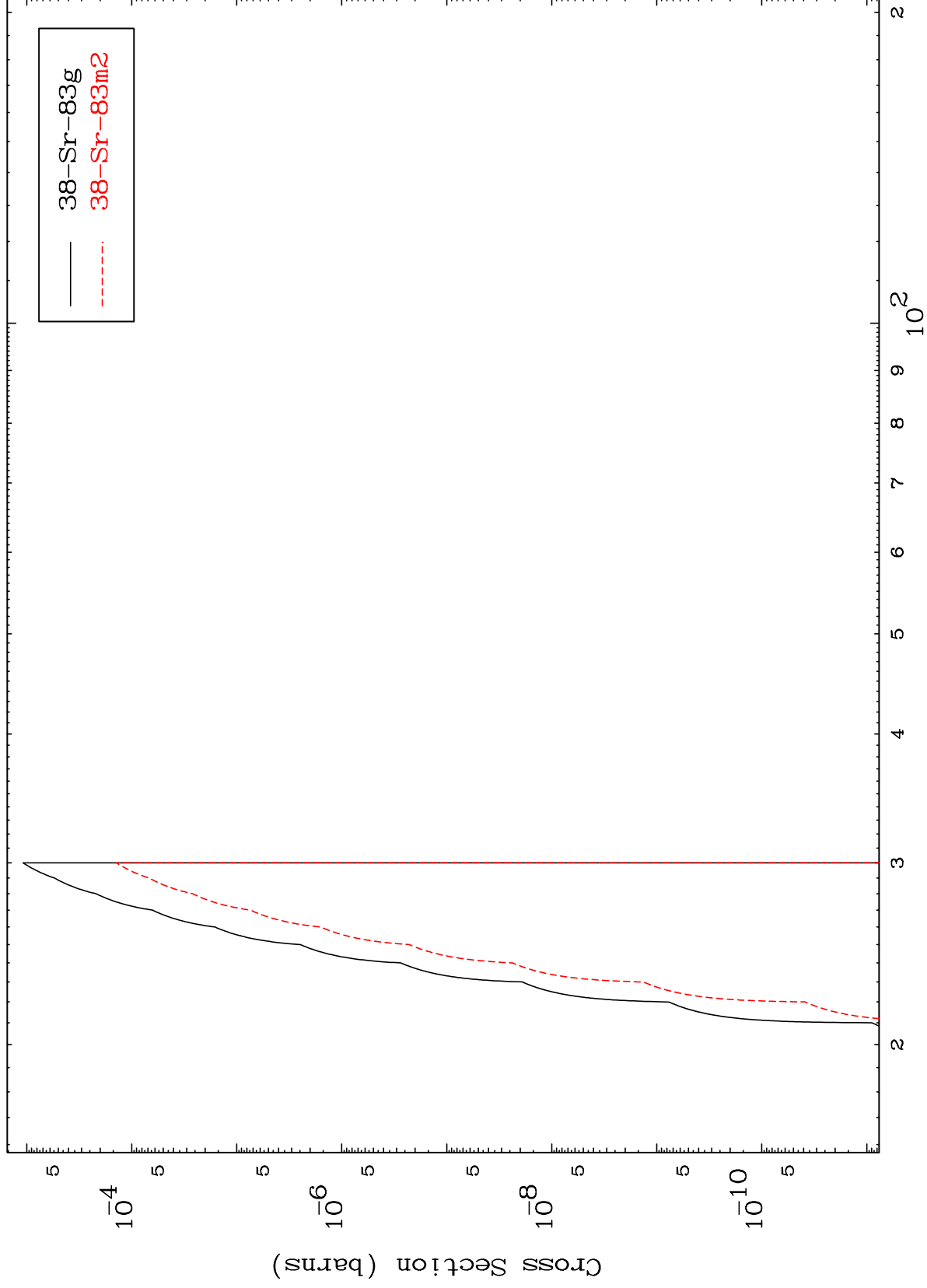
40-Zr-86

MAT 4013

(n,n') He-3

40-Zr-86

Radionuclide Production Cross Section



78

Incident Energy (MeV)

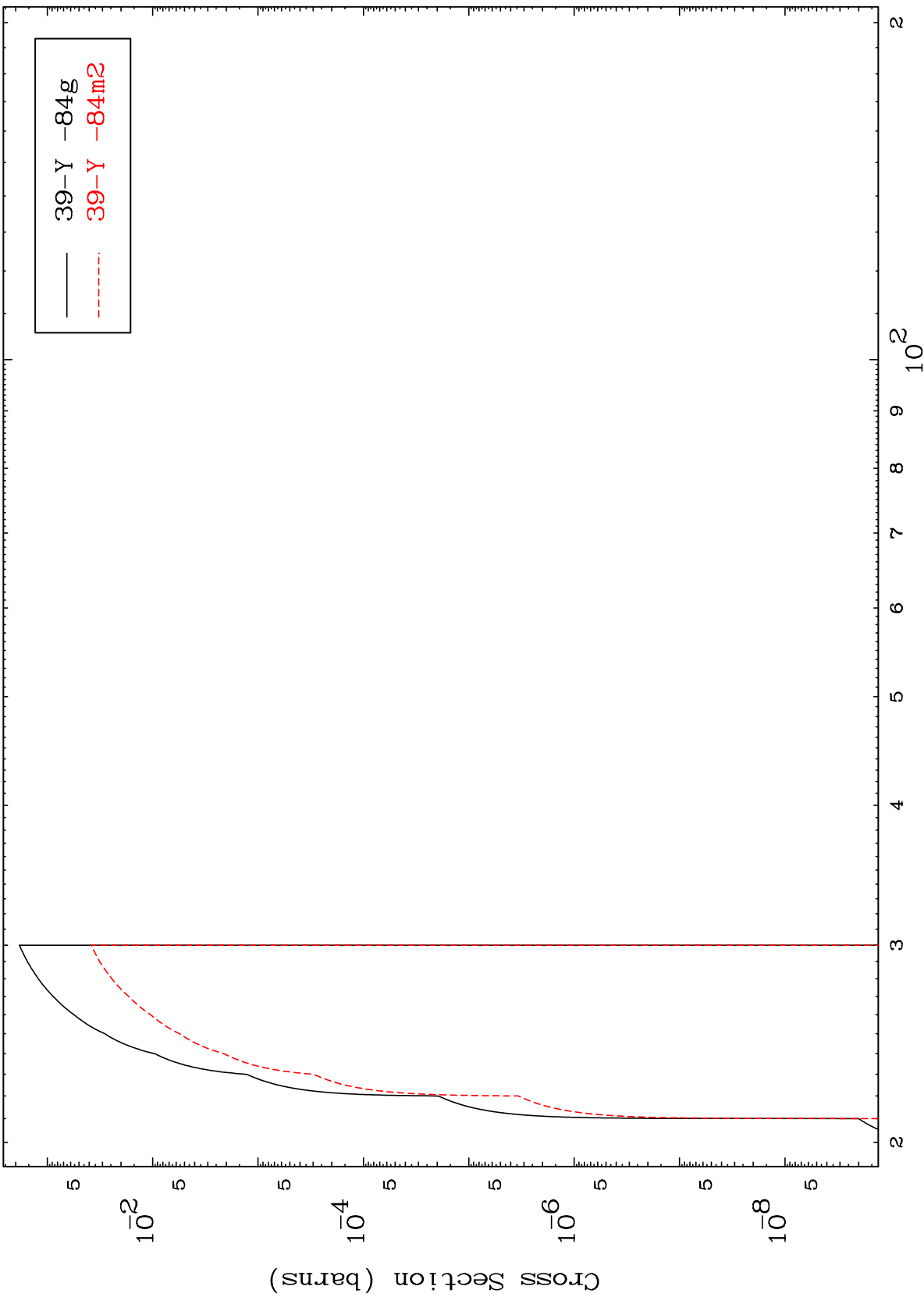
40-Zr-86

MAT 4013

(n,2n) p

40-Zr-86

Radionuclide Production Cross Section



39-Y -84g
39-Y -84m2

79

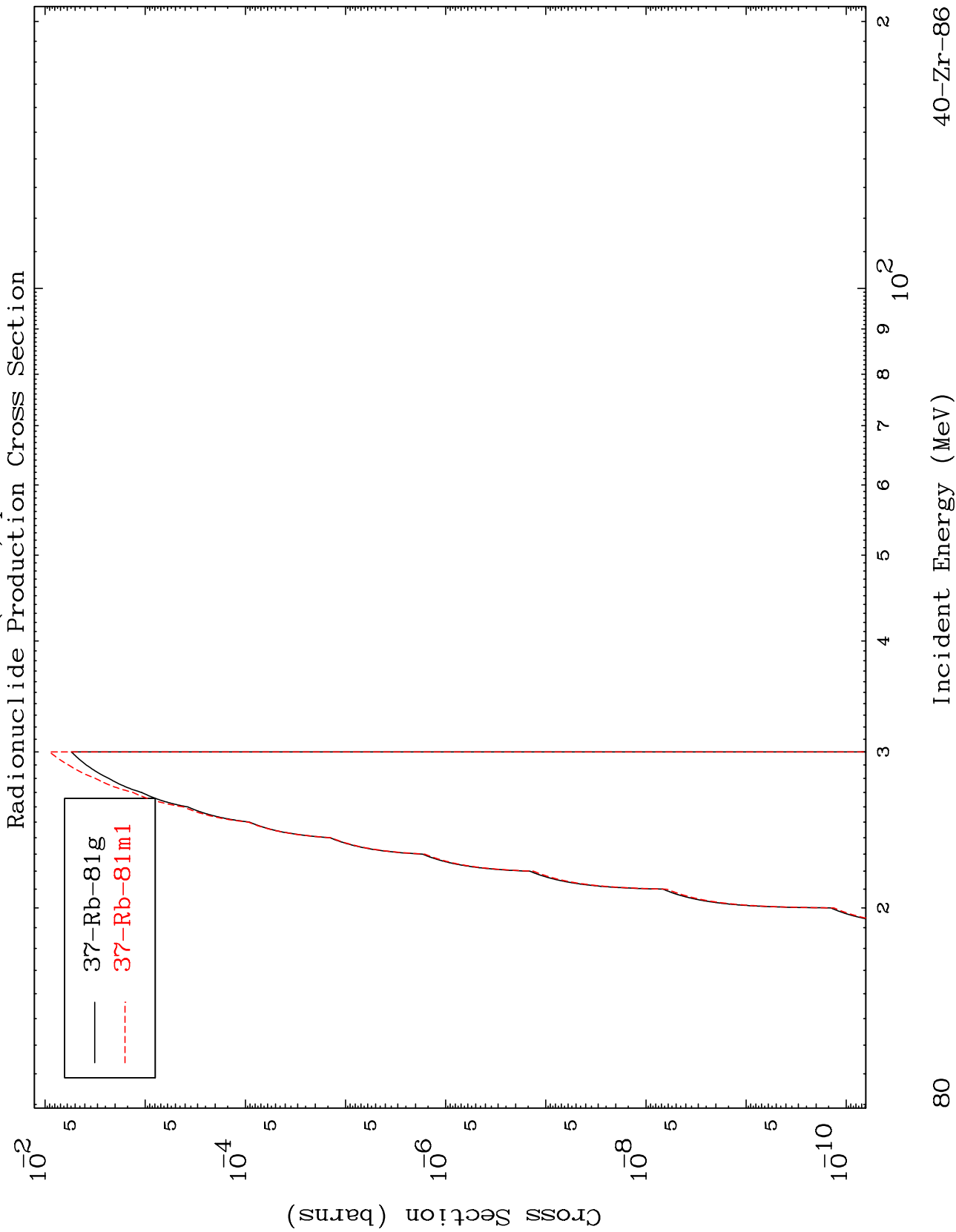
Incident Energy (MeV)

40-Zr-86

MAT 4013

(n,n') p α

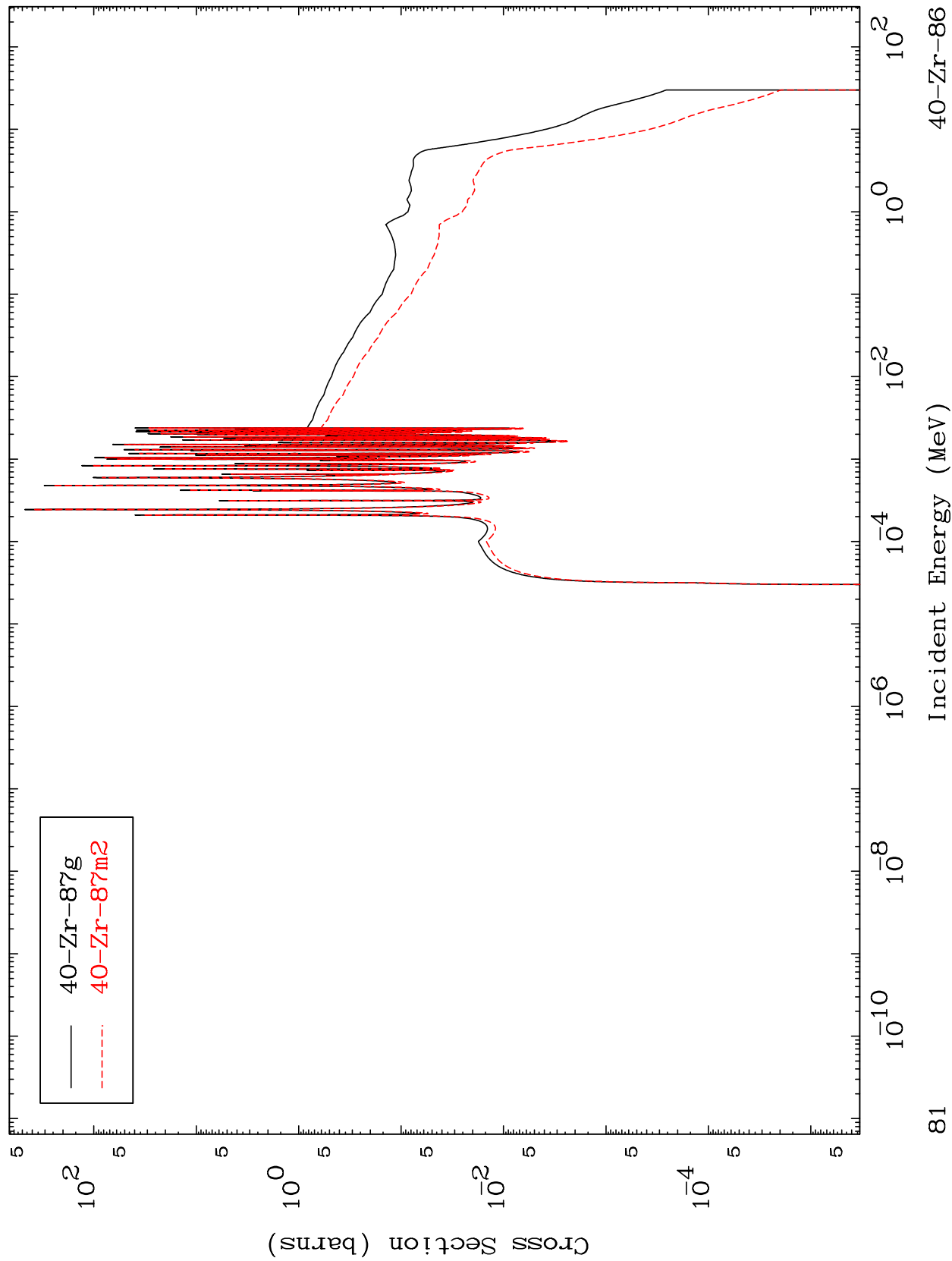
40-Zr-86



MAT 4013

40-Zr-86

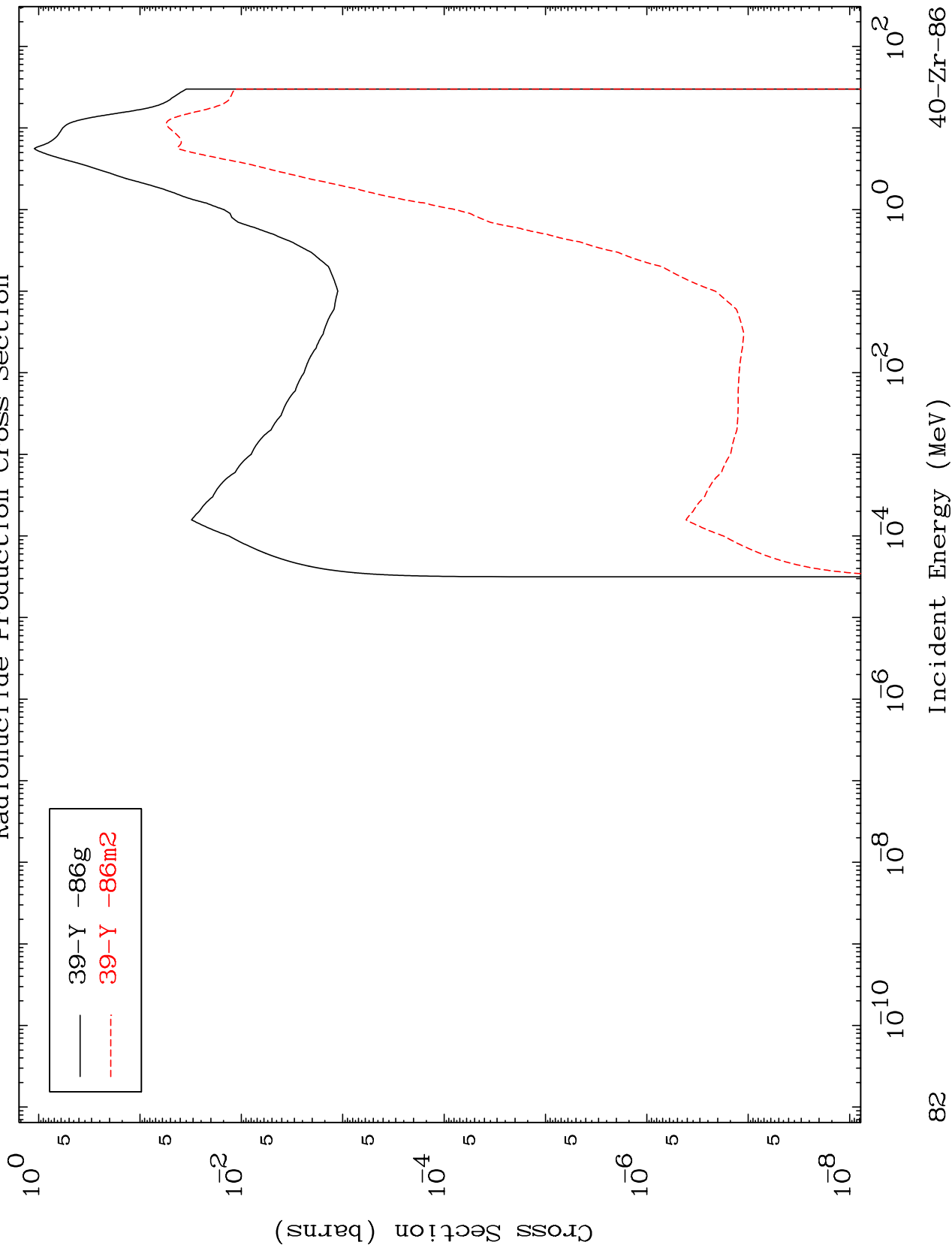
Radionuclide Production Cross Section
(n, γ)



MAT 4013

40-Zr-86

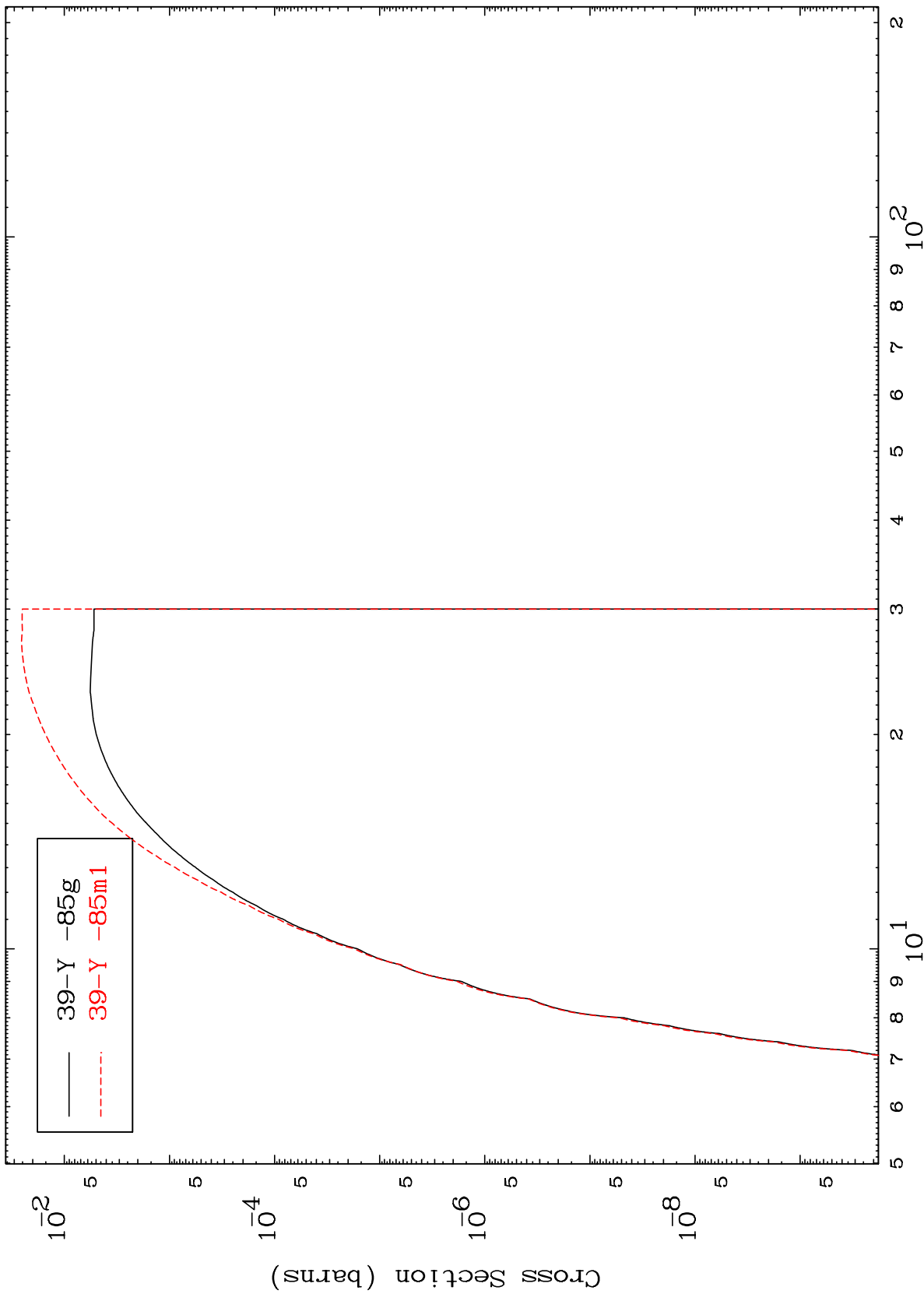
Radionuclide Production Cross Section



MAT 4013

40-Zr-86

(n,d)
Radionuclide Production Cross Section



83

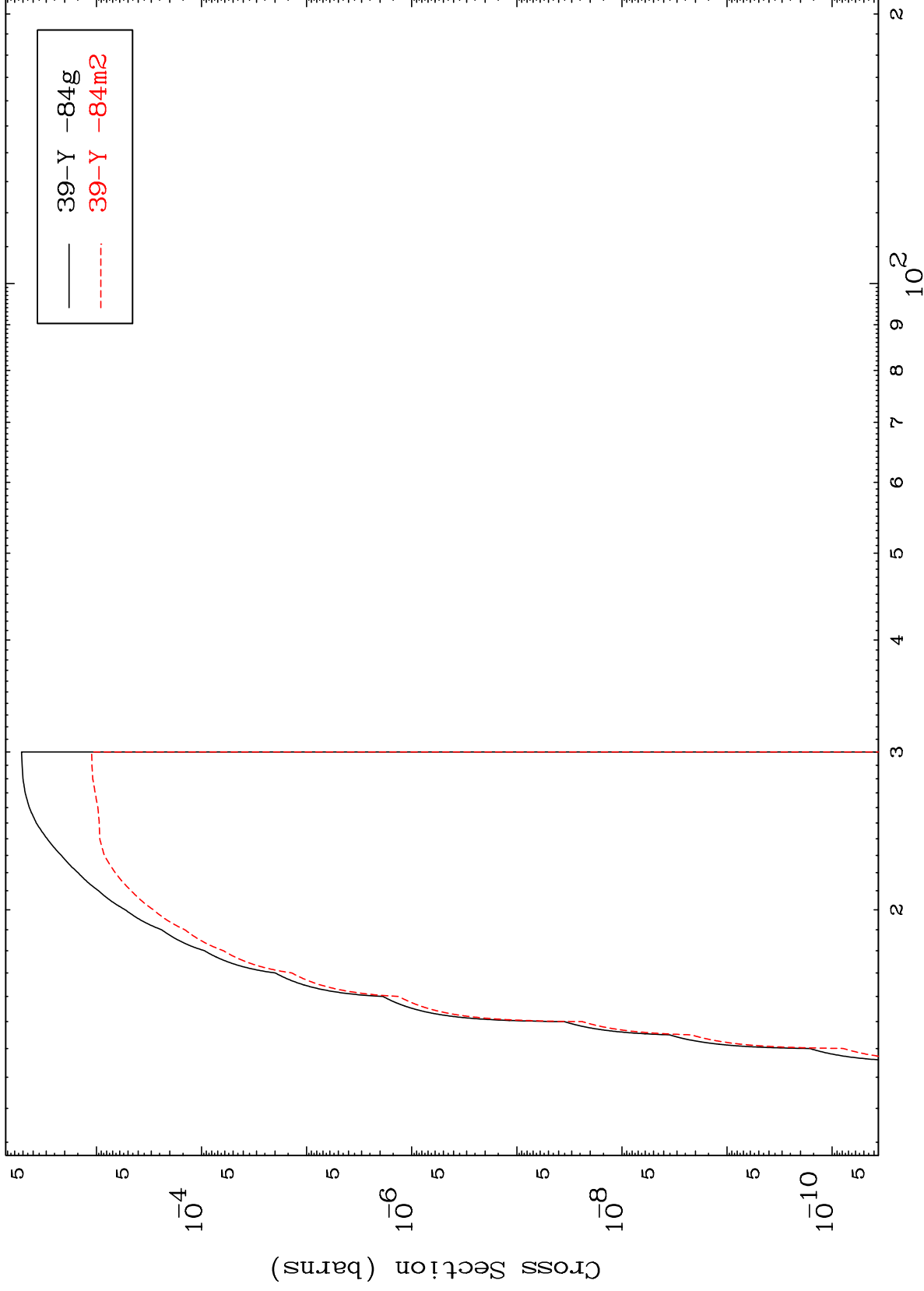
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

(n,t)
Radionuclide Production Cross Section



84

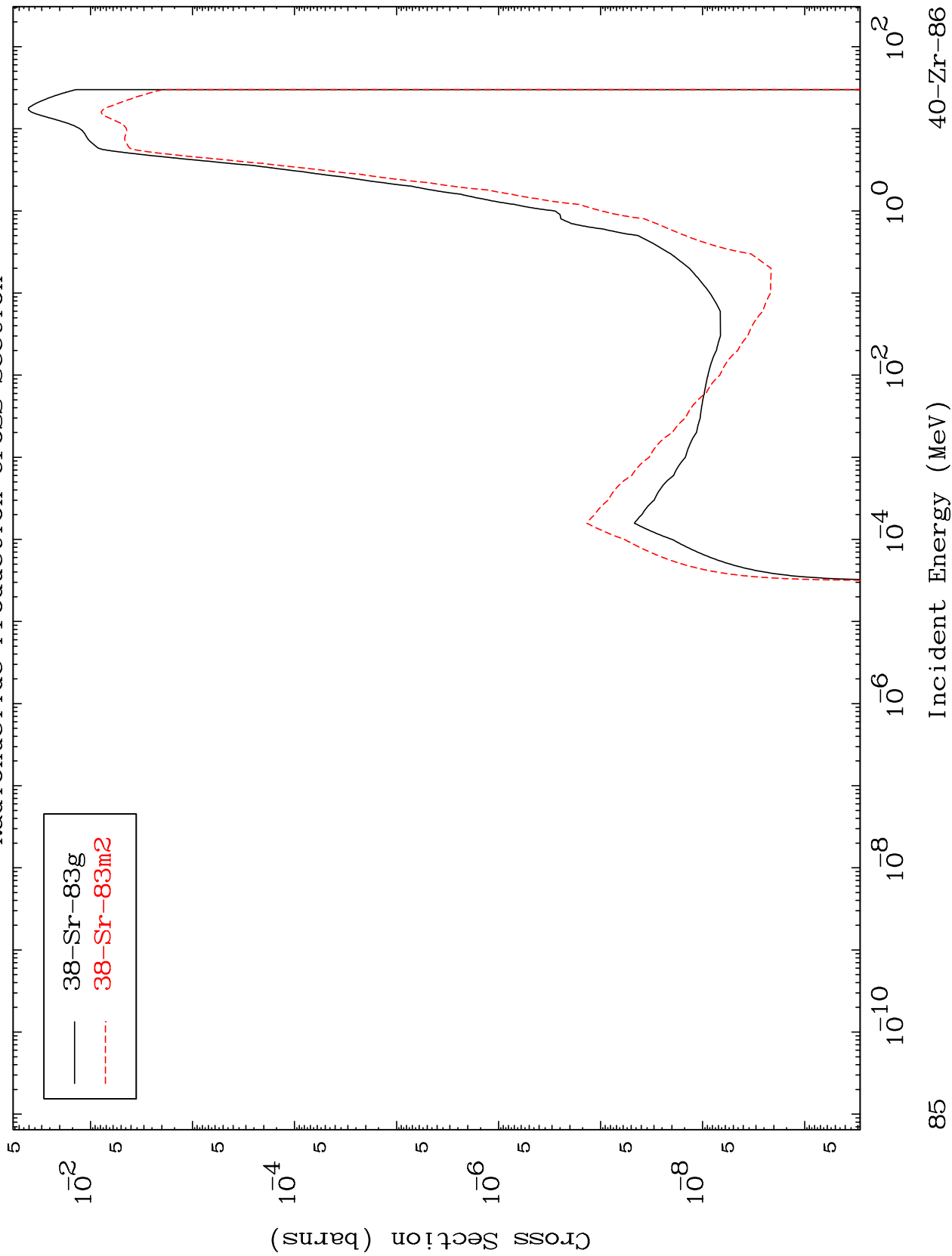
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

Radionuclide Production Cross Section



— 38-Sr-83g
- - - 38-Sr-83m2

85

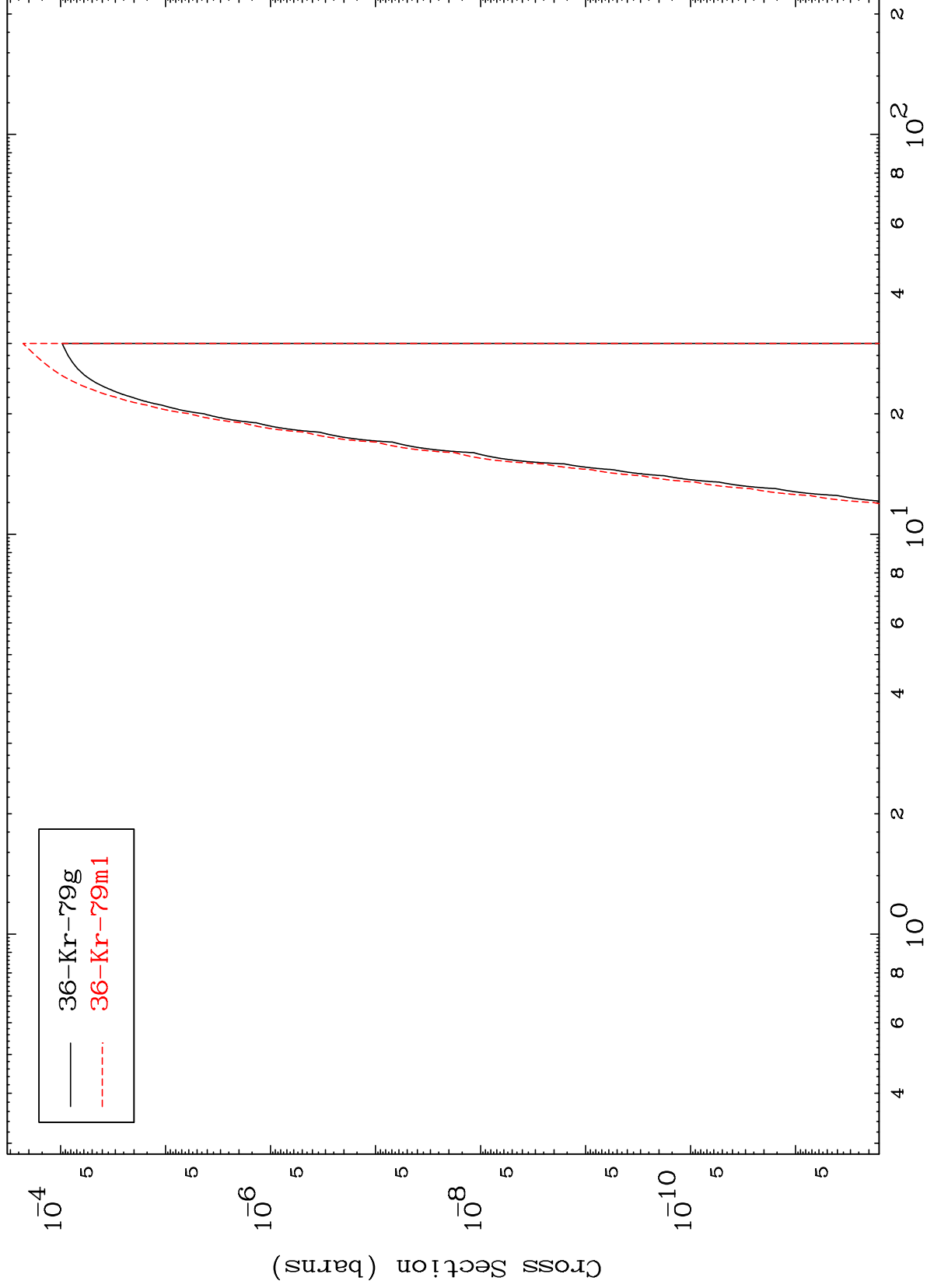
40-Zr-86

MAT 4013

(n,2α)

40-Zr-86

Radionuclide Production Cross Section



86

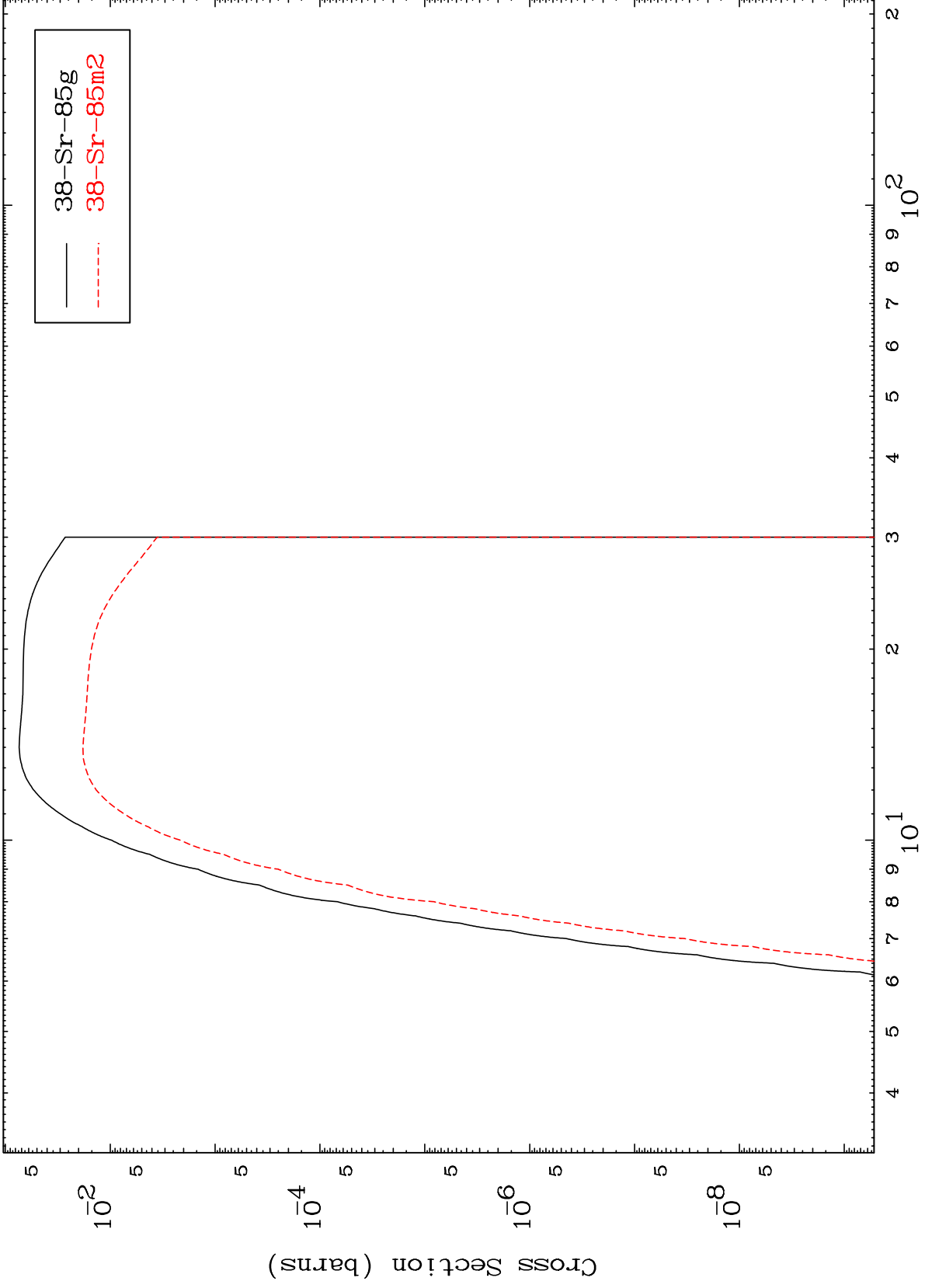
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

(n,2p)
Radionuclide Production Cross Section



87

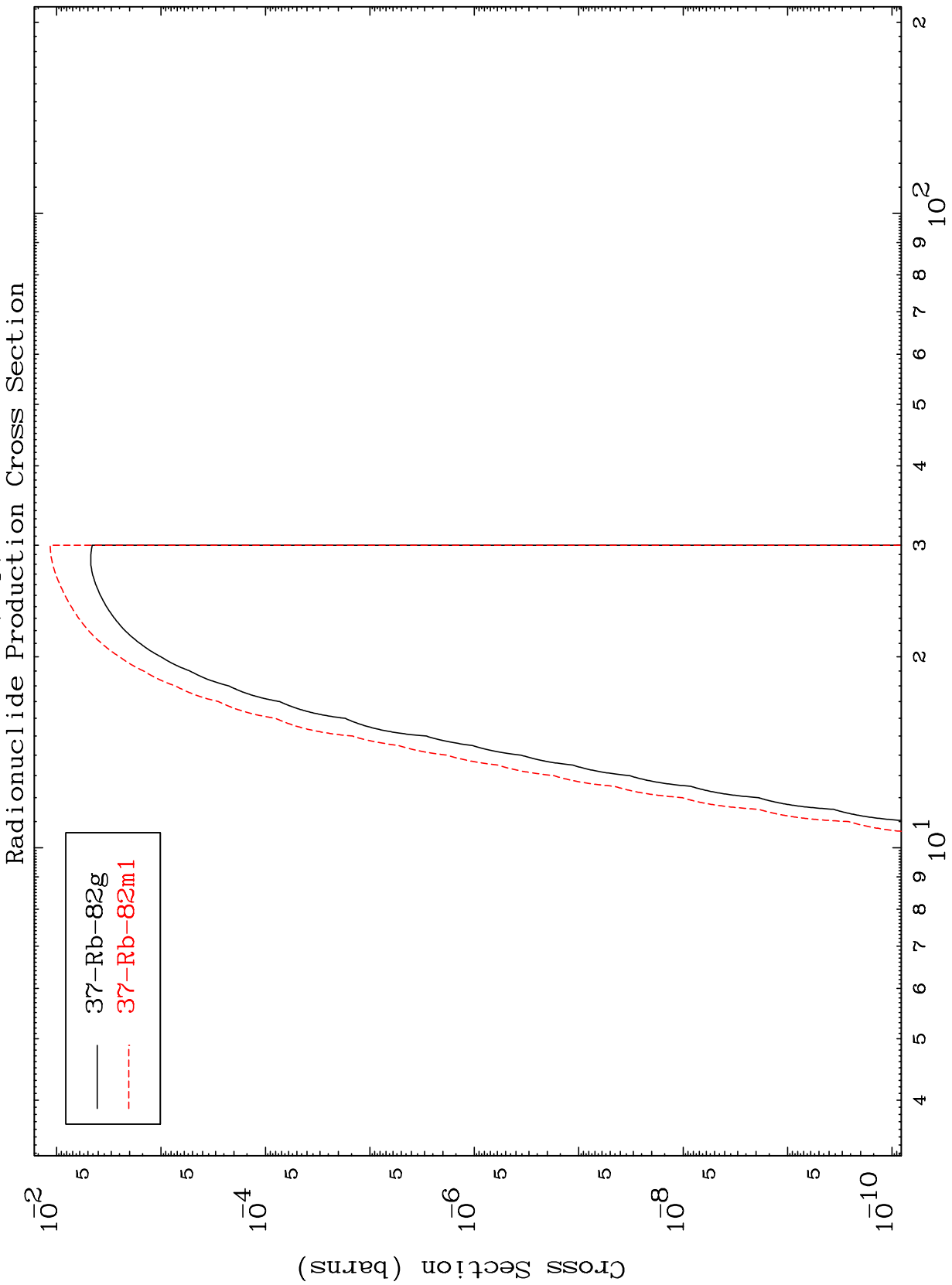
Incident Energy (MeV)

40-Zr-86

MAT 4013

(n,p) α

40-Zr-86

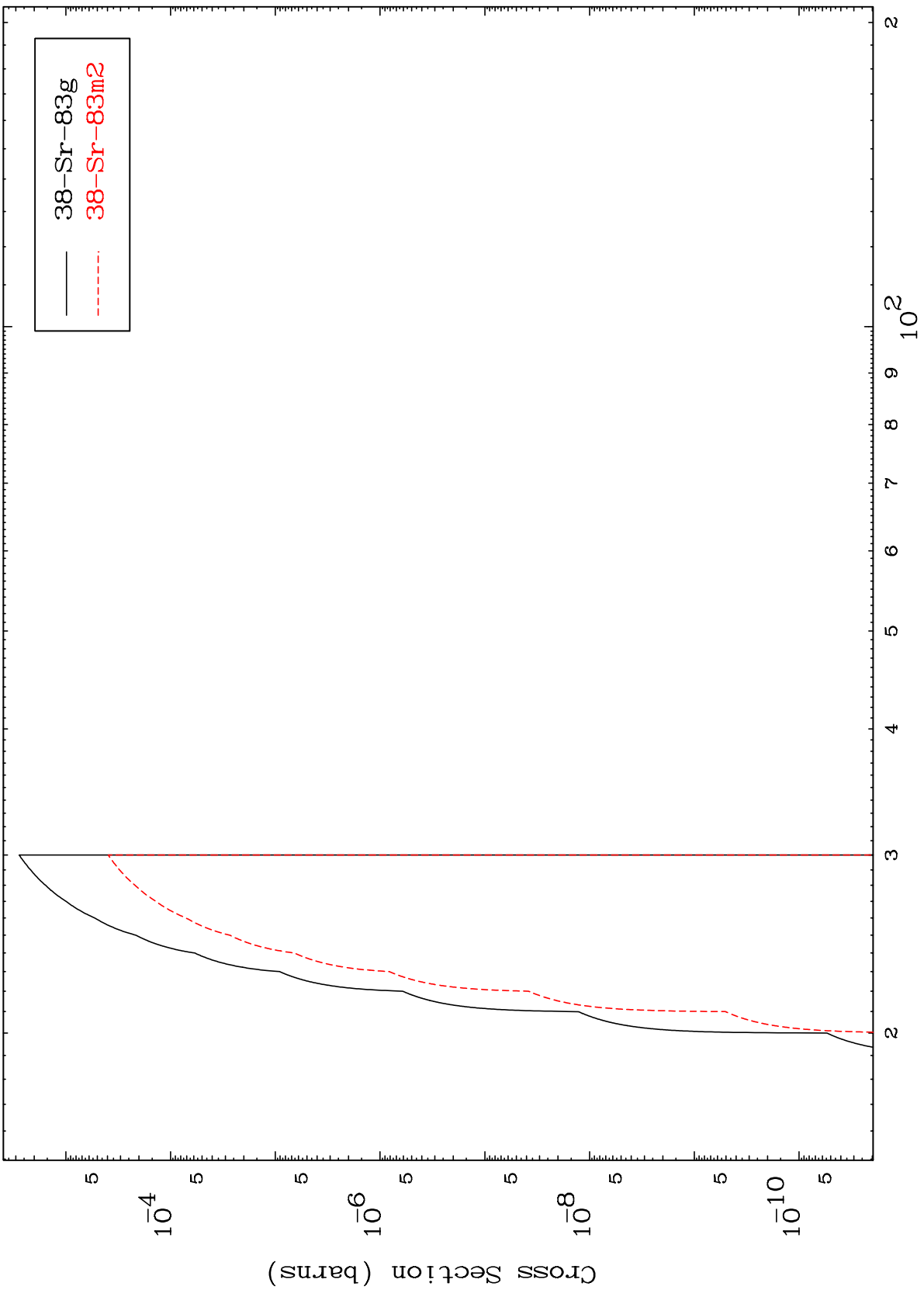


88

40-Zr-86

40-Zr-86

Radionuclide Production Cross Section

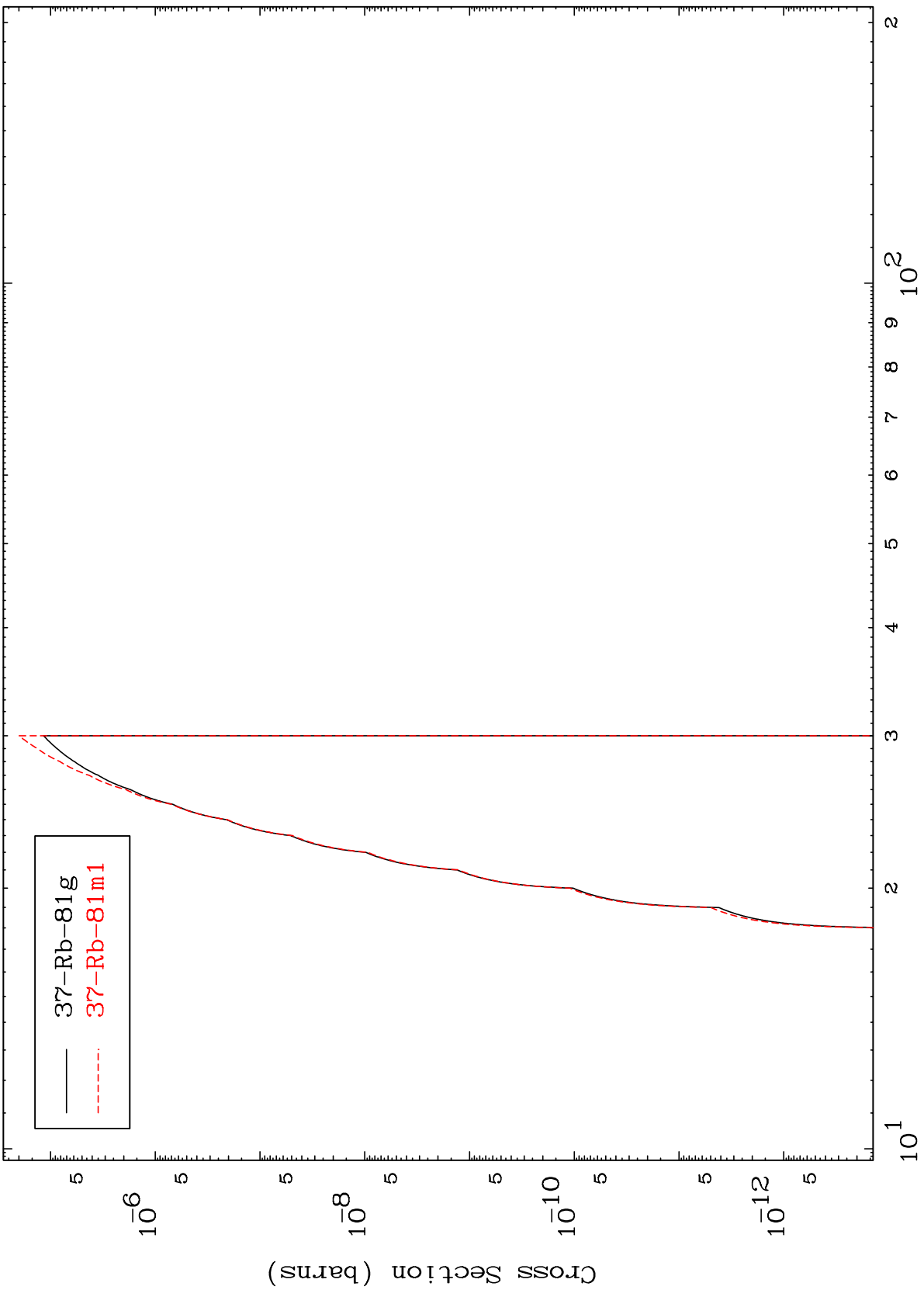


MAT 4013

(n,d) α

40-Zr-86

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-86

90