

Program EVALPLOT
(Version 2021-1)

by

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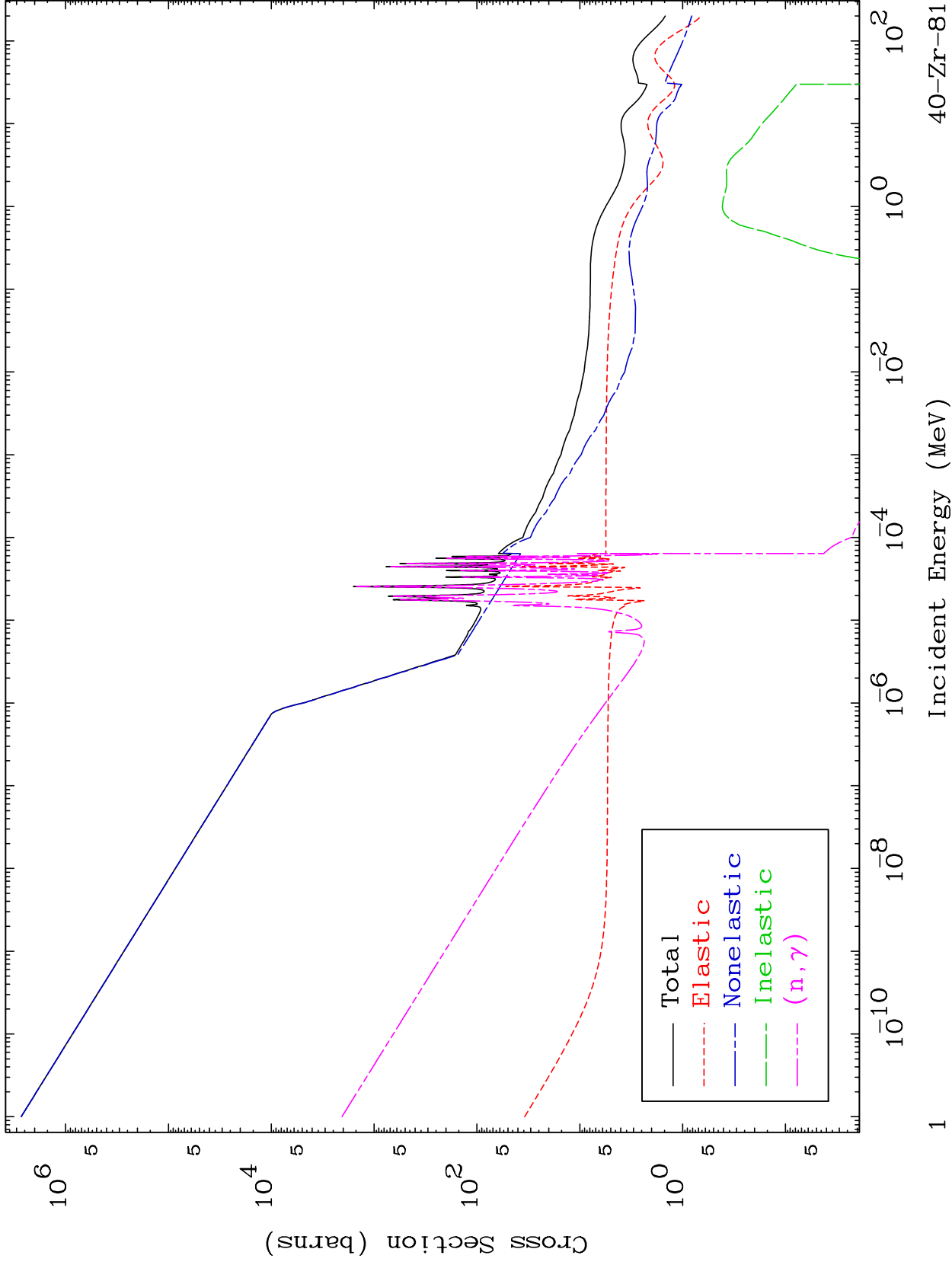
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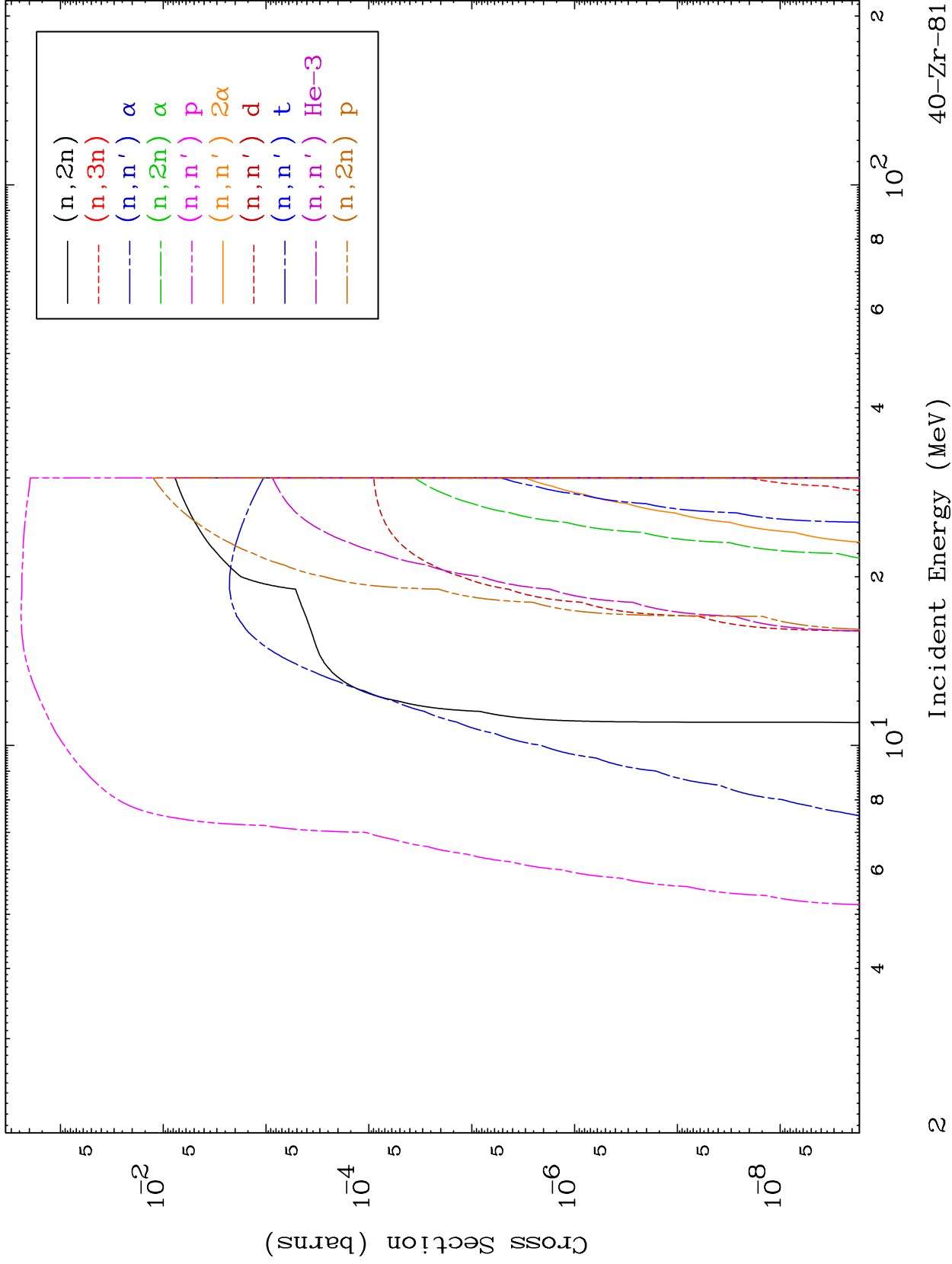
Press Mouse Button to Start

MAT 3998

Neutron Major
293 Kelvin Cross Sections

40-Zr-81

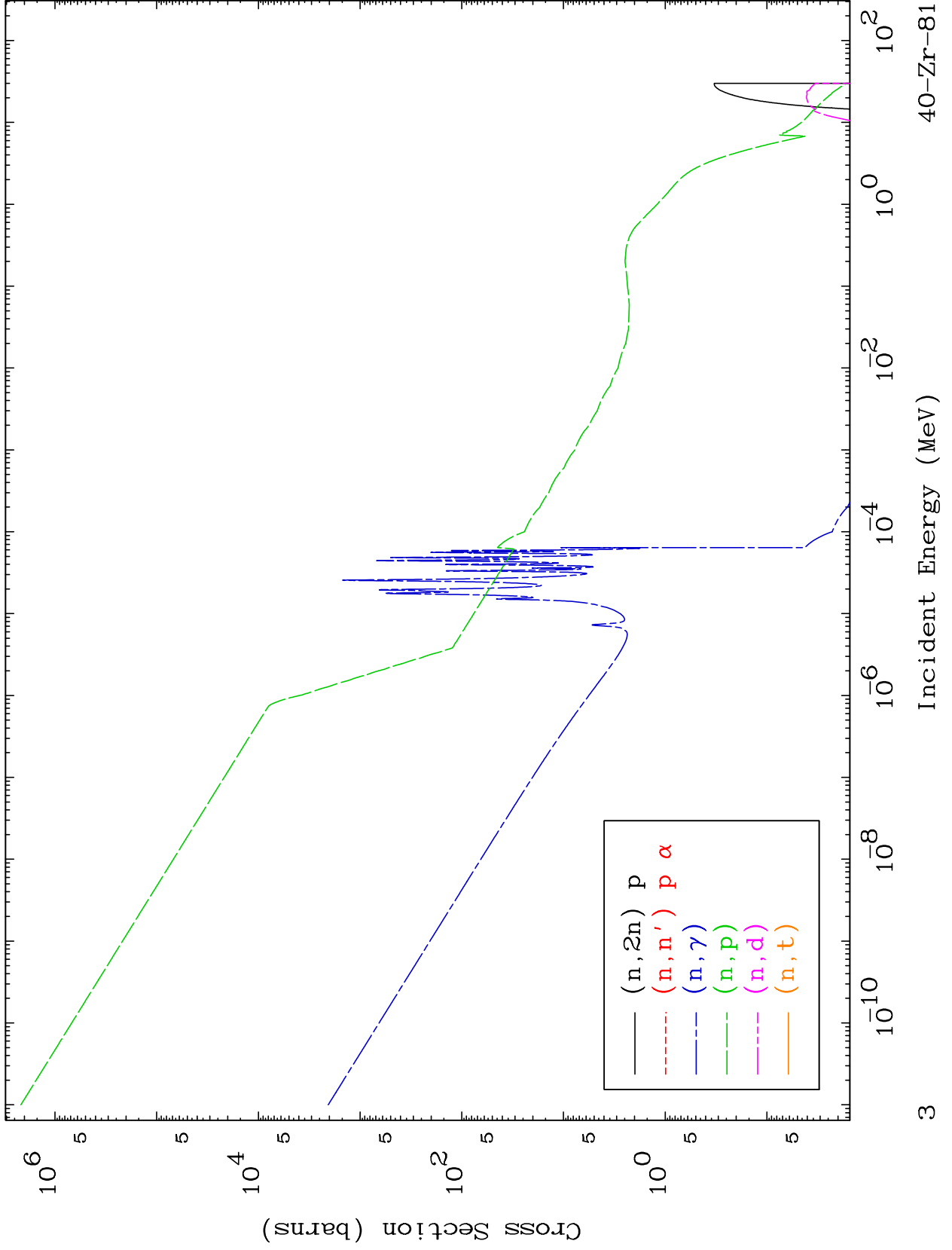




MAT 3998

Neutron Absorption
293 Kelvin Cross Sections

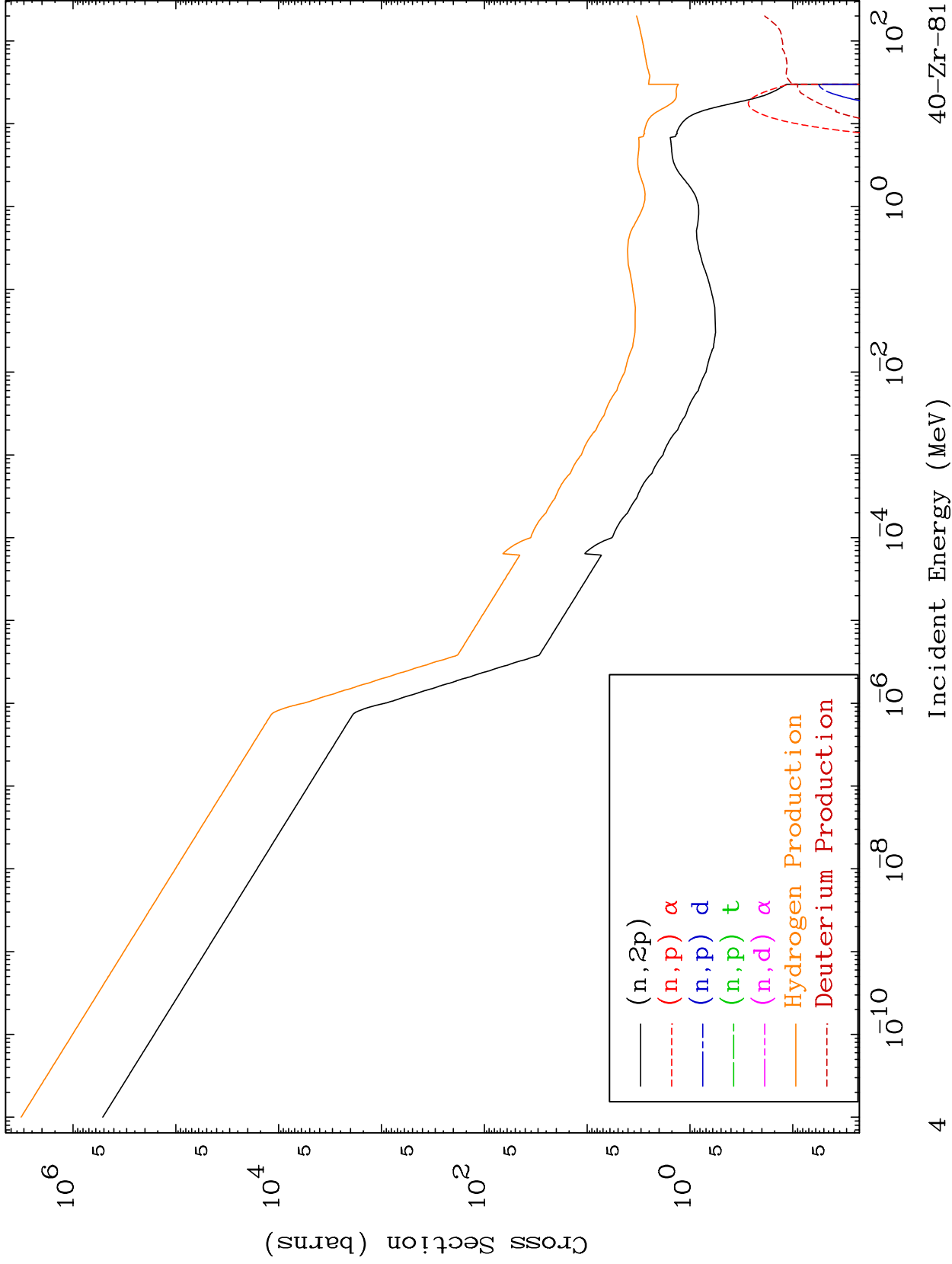
40-Zr-81



MAT 3998

Neutron Absorption
293 Kelvin Cross Sections

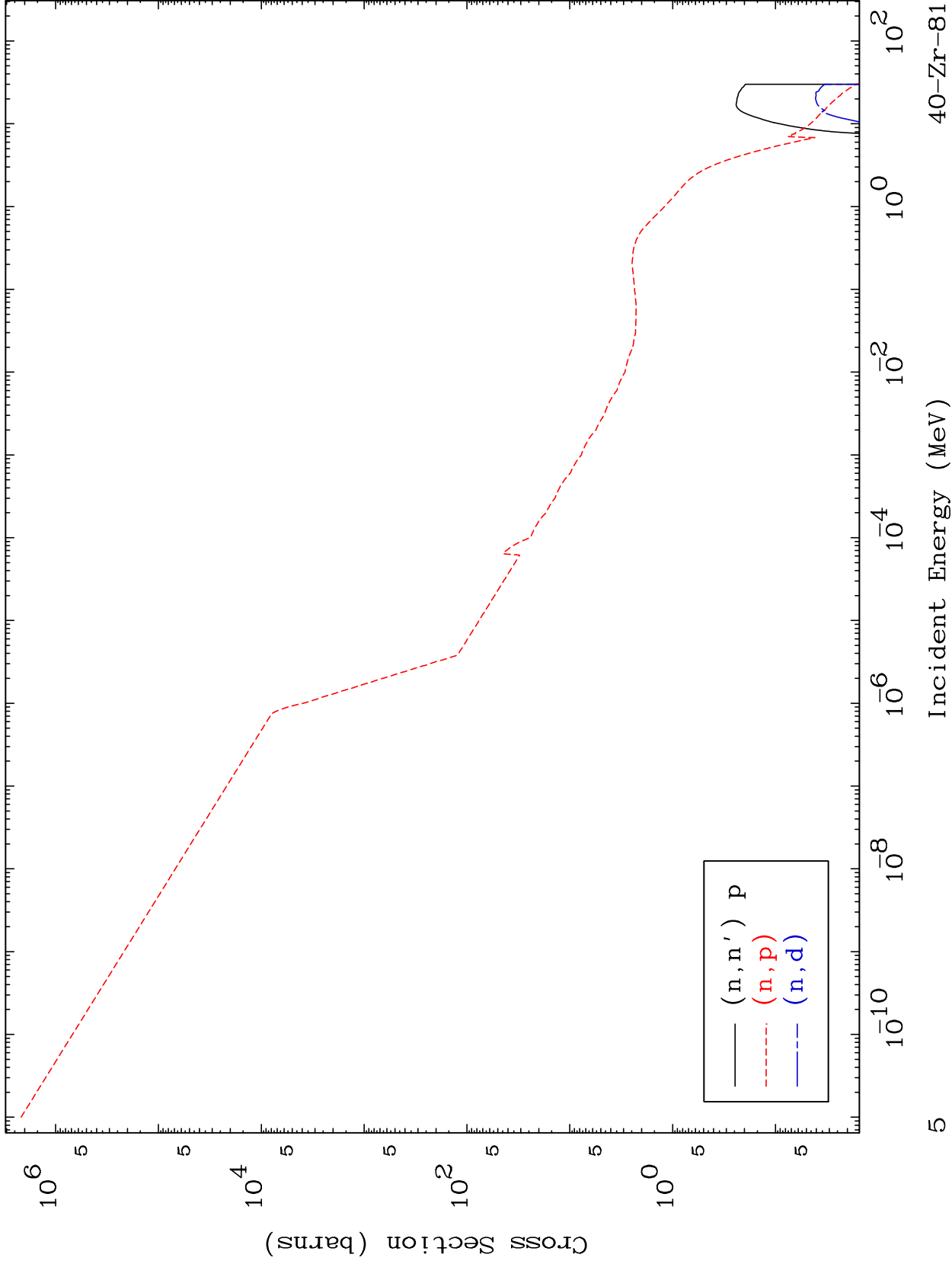
40-Zr-81



MAT 3998

Charged Particle
293 Kelvin Cross Sections

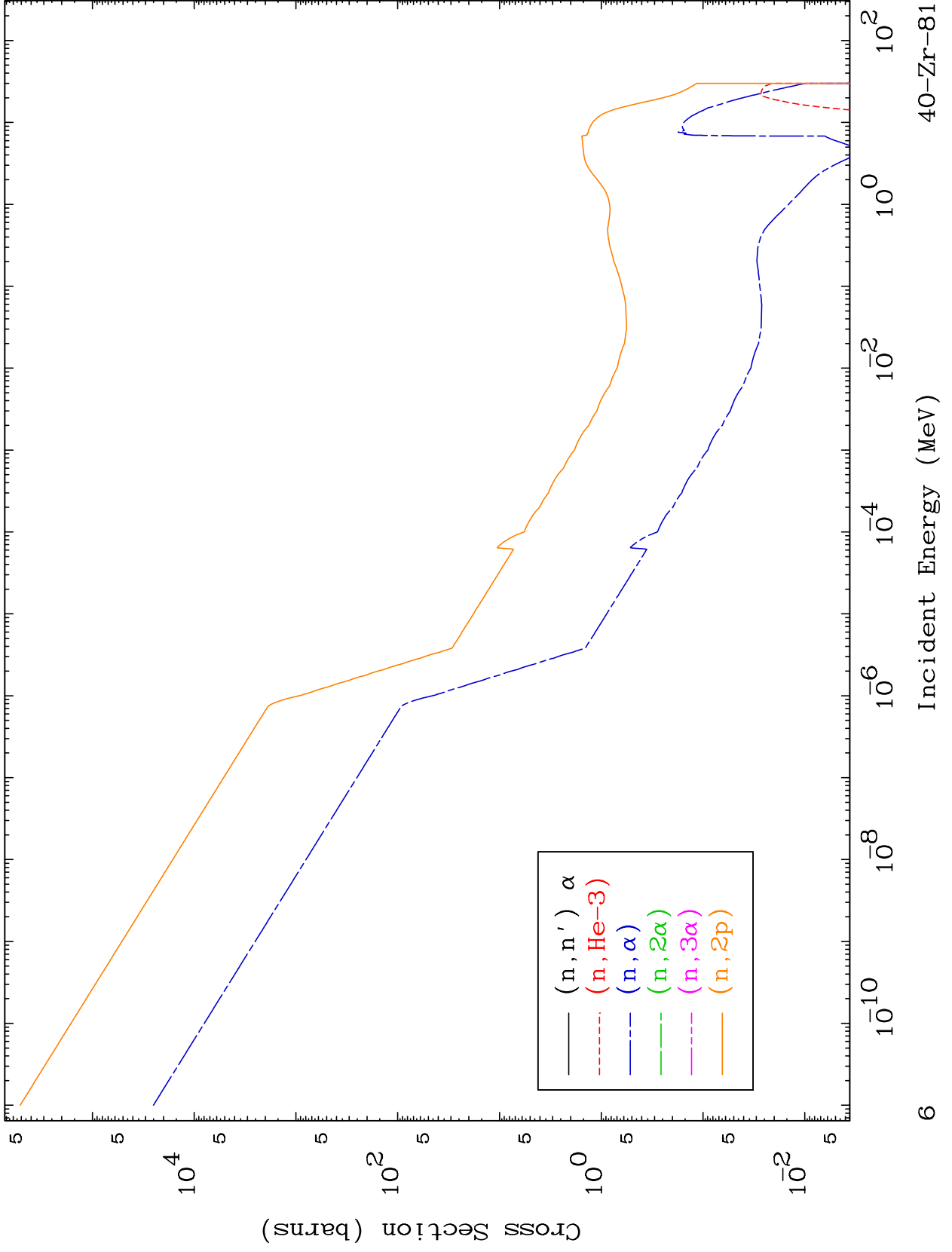
40-Zr-81



MAT 3998

Charged Particle
293 Kelvin Cross Sections

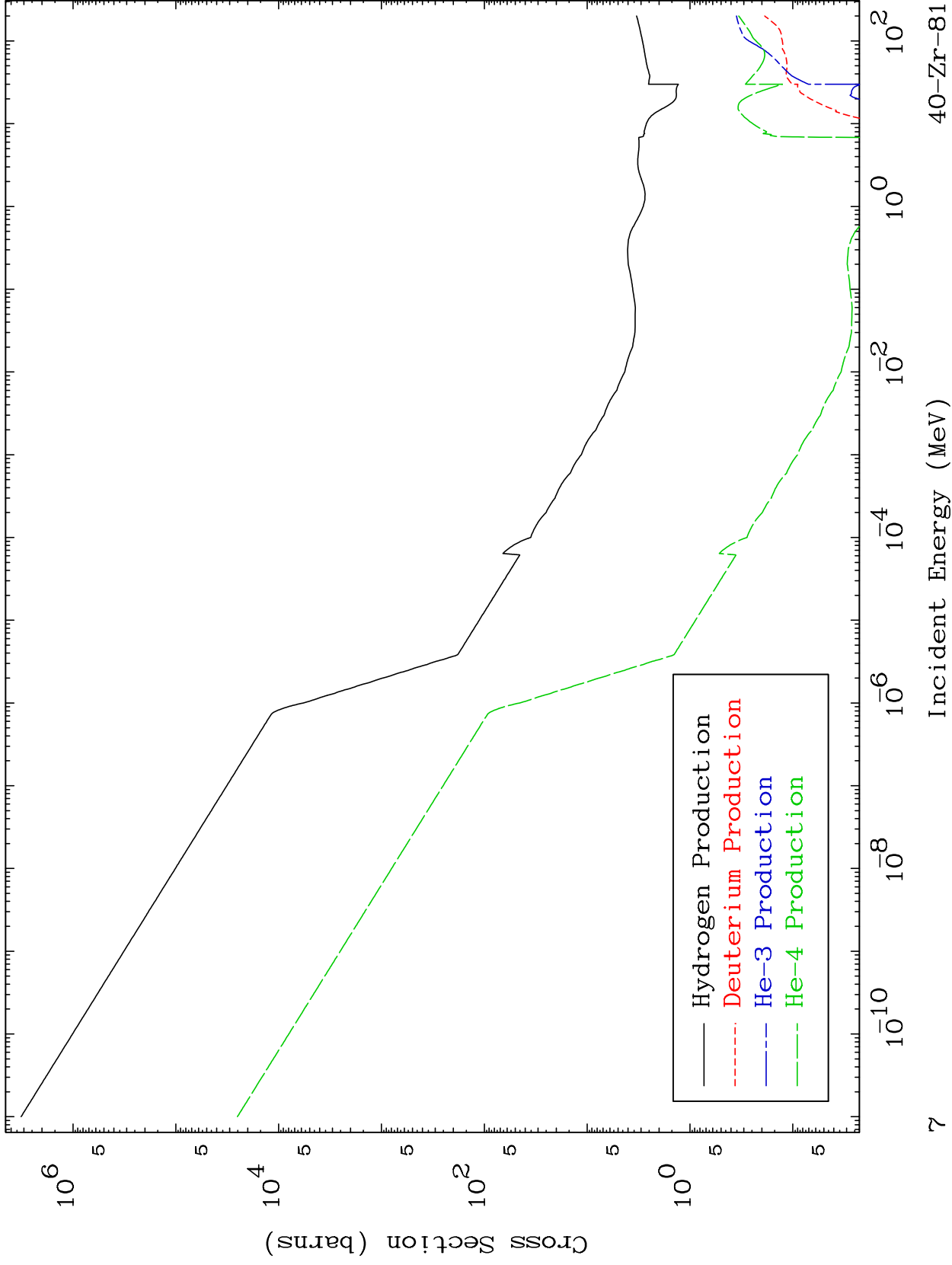
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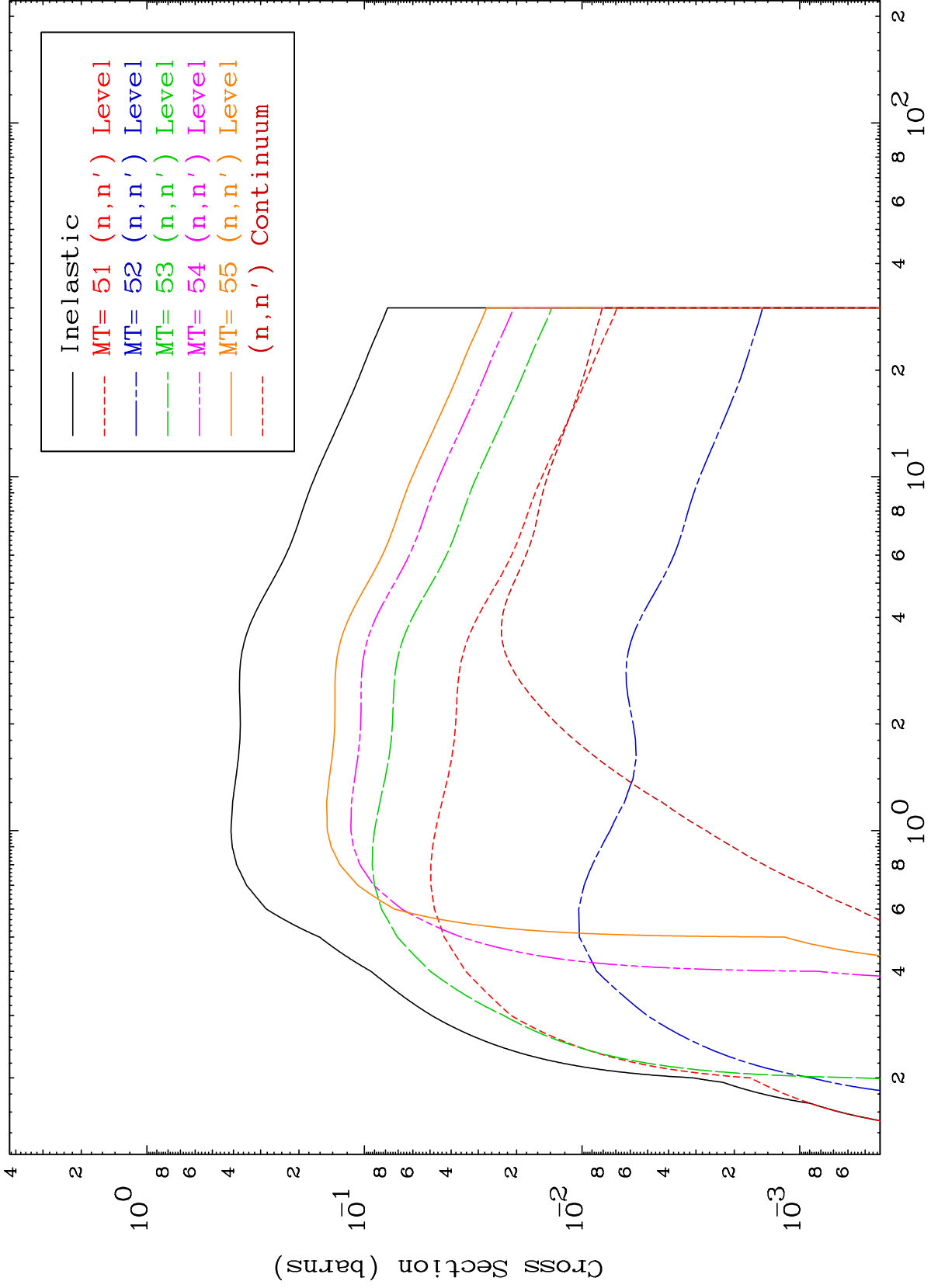


MAT 3998

Particle Production
293 Kelvin Cross Sections

40-Zr-81

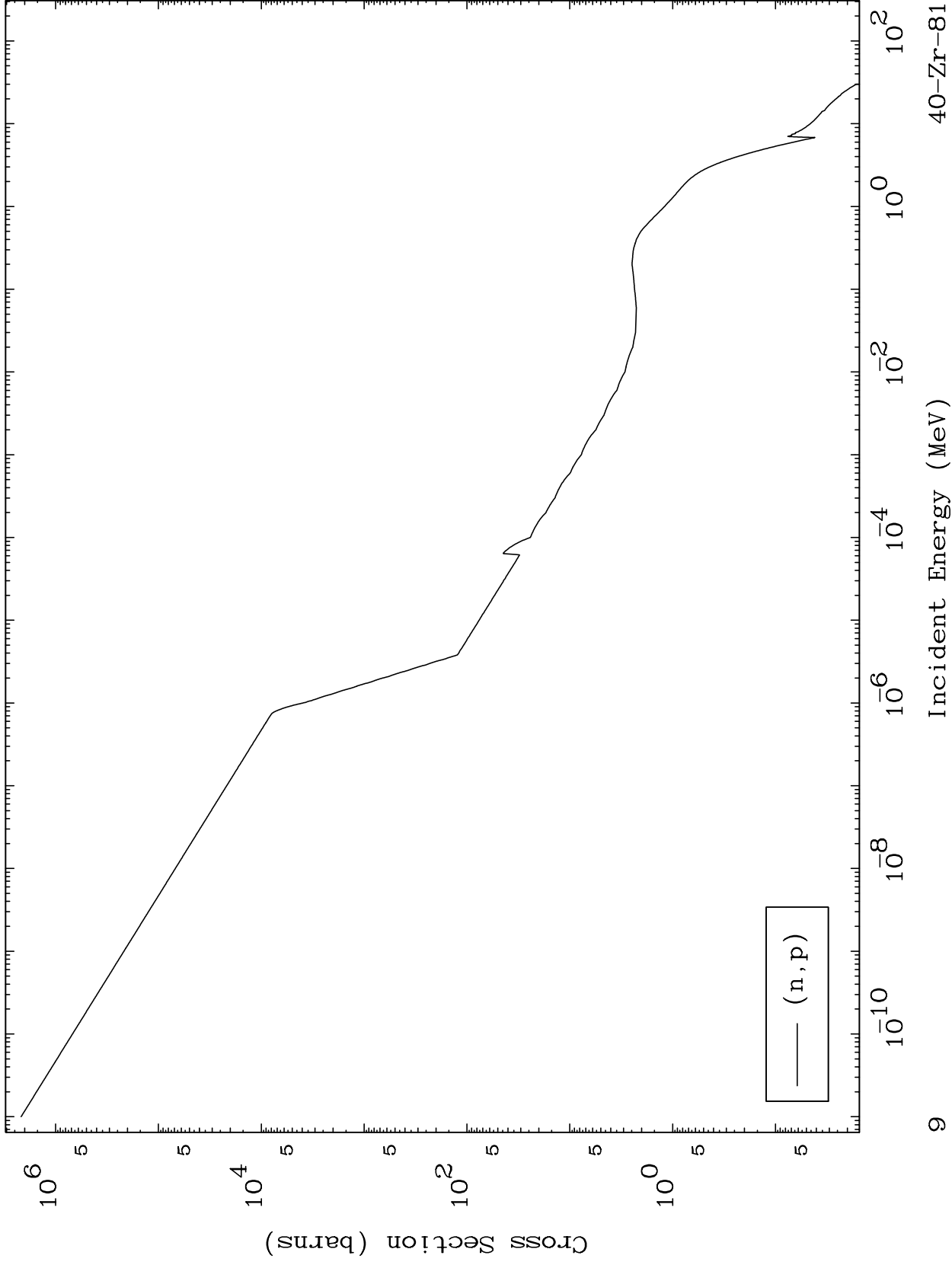




MAT 3998

(n,p) Levels
293 Kelvin Cross Sections

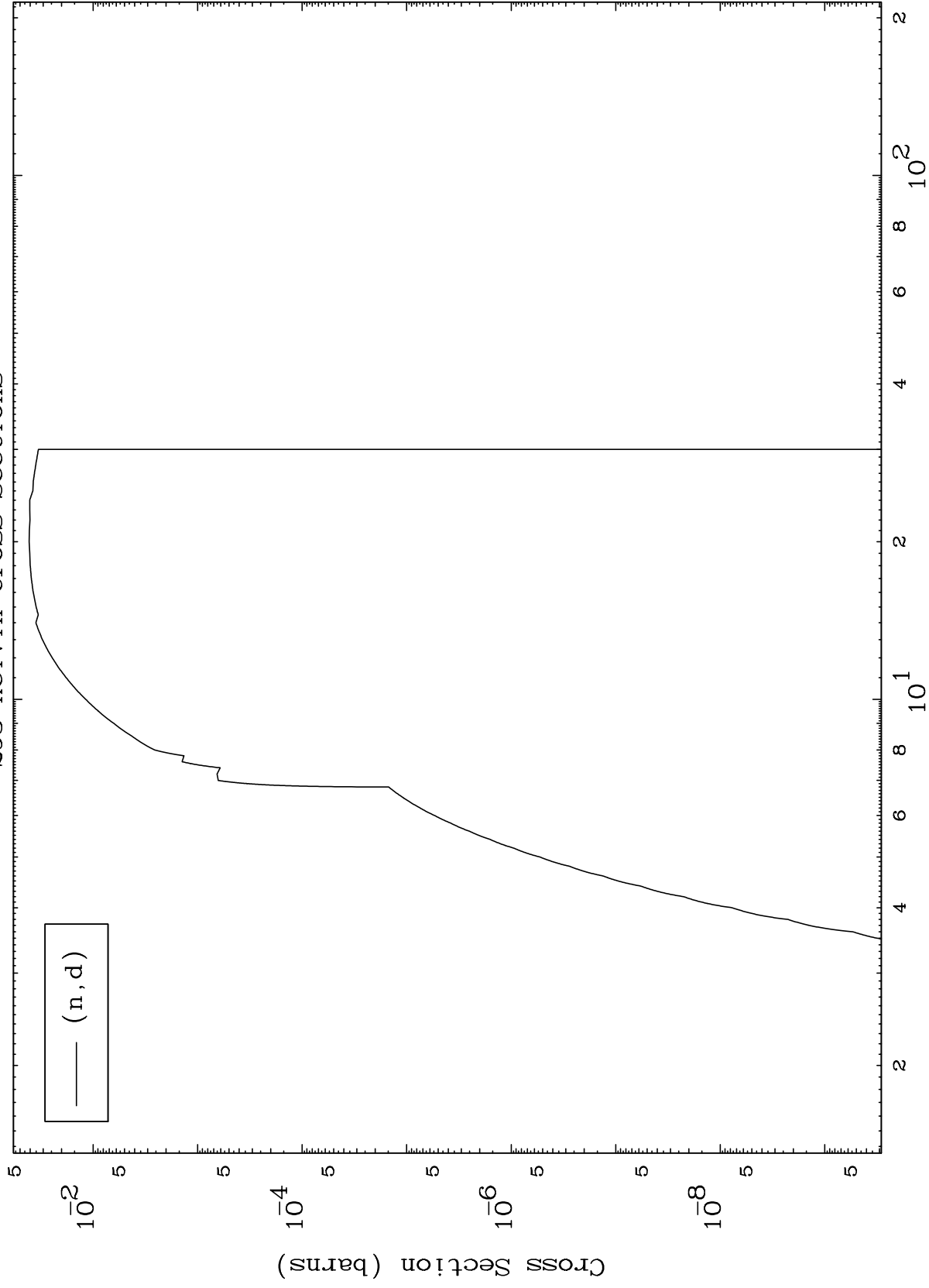
40-Zr-81



MAT 3998

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-81



10

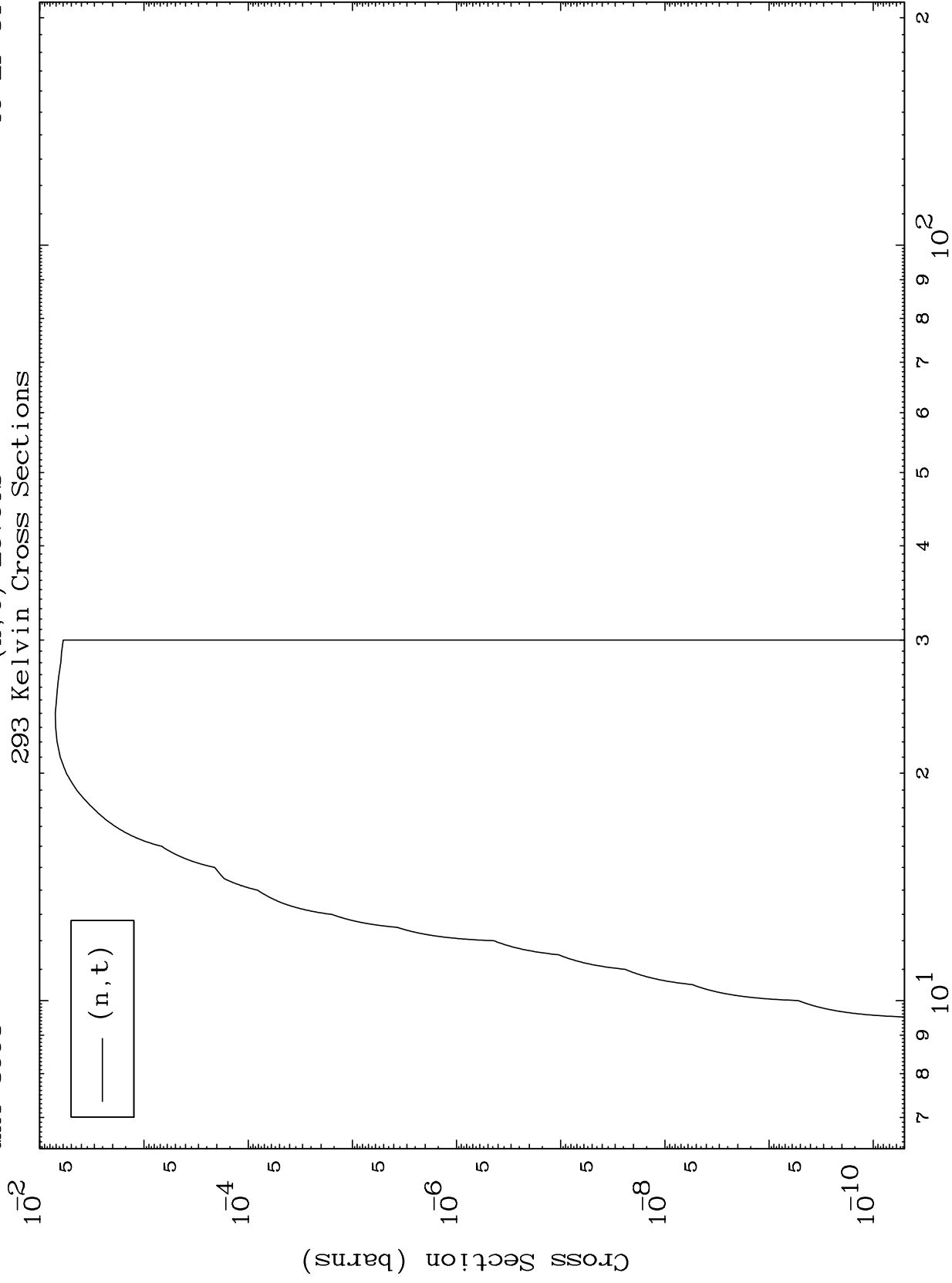
Incident Energy (MeV)

40-Zr-81

MAT 3998

(n,t) Levels
293 Kelvin Cross Sections

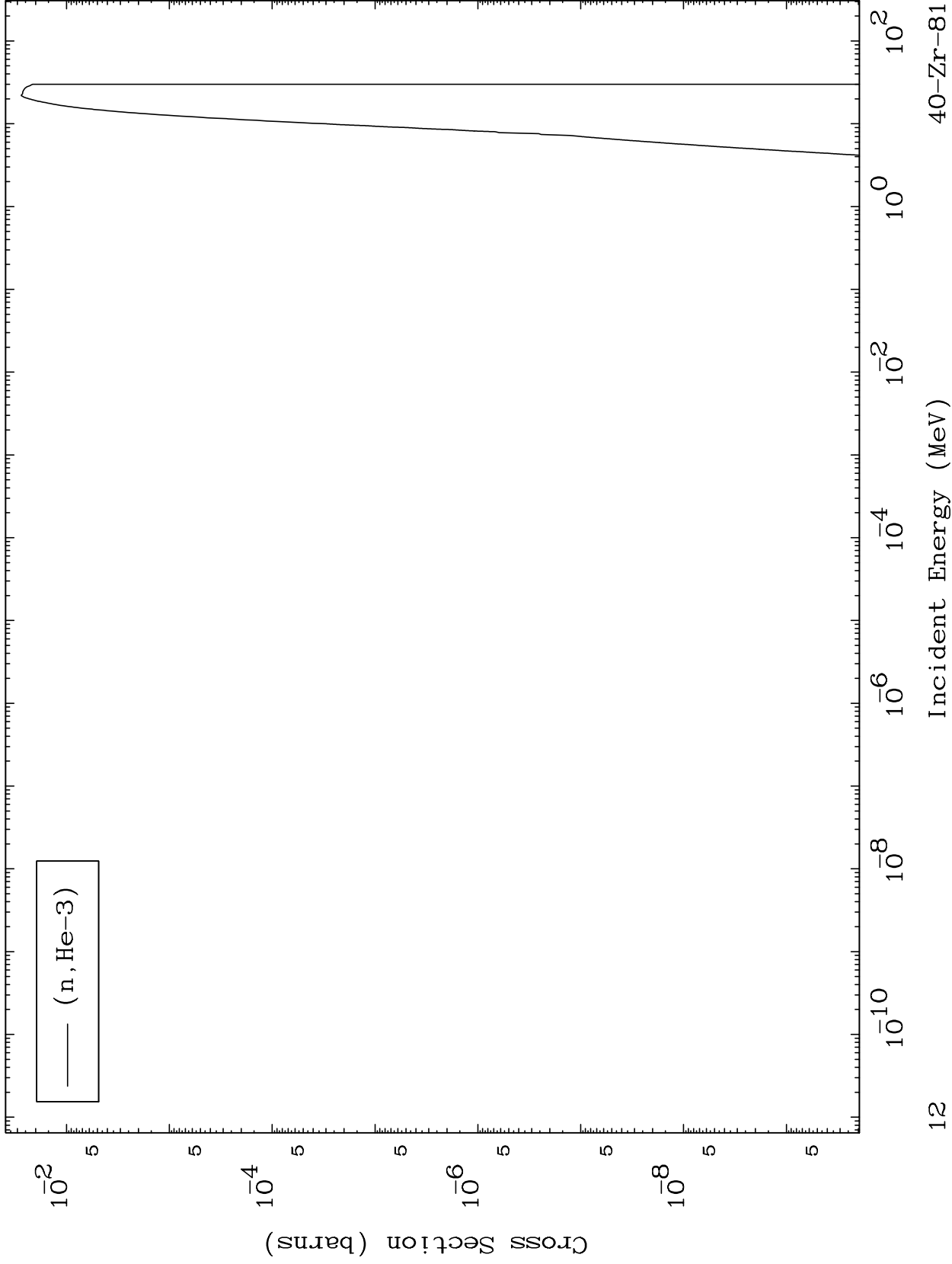
40-Zr-81



MAT 3998

(n,He3) Levels
293 Kelvin Cross Sections

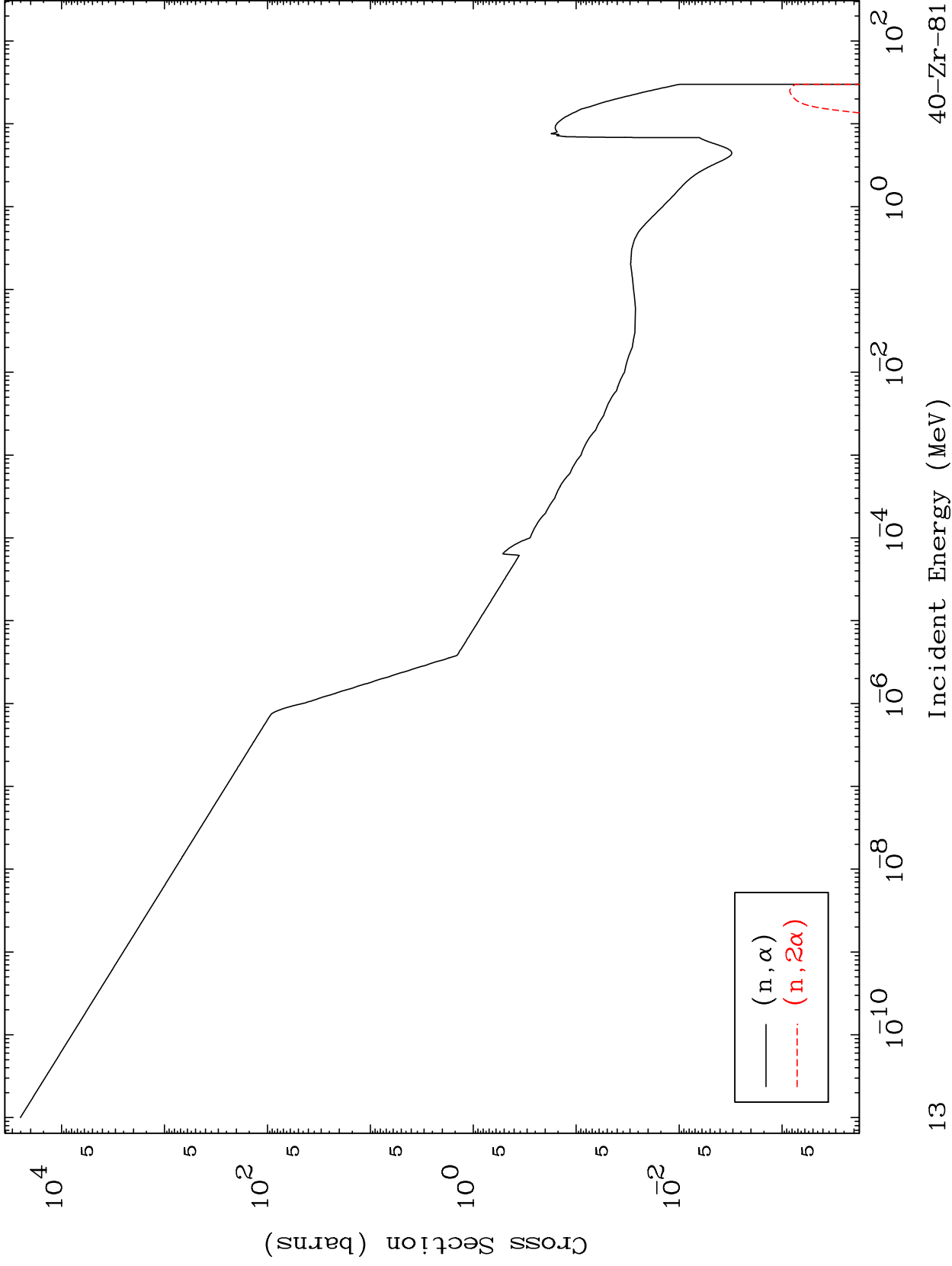
40-Zr-81



MAT 3998

(n, α) Levels
293 Kelvin Cross Sections

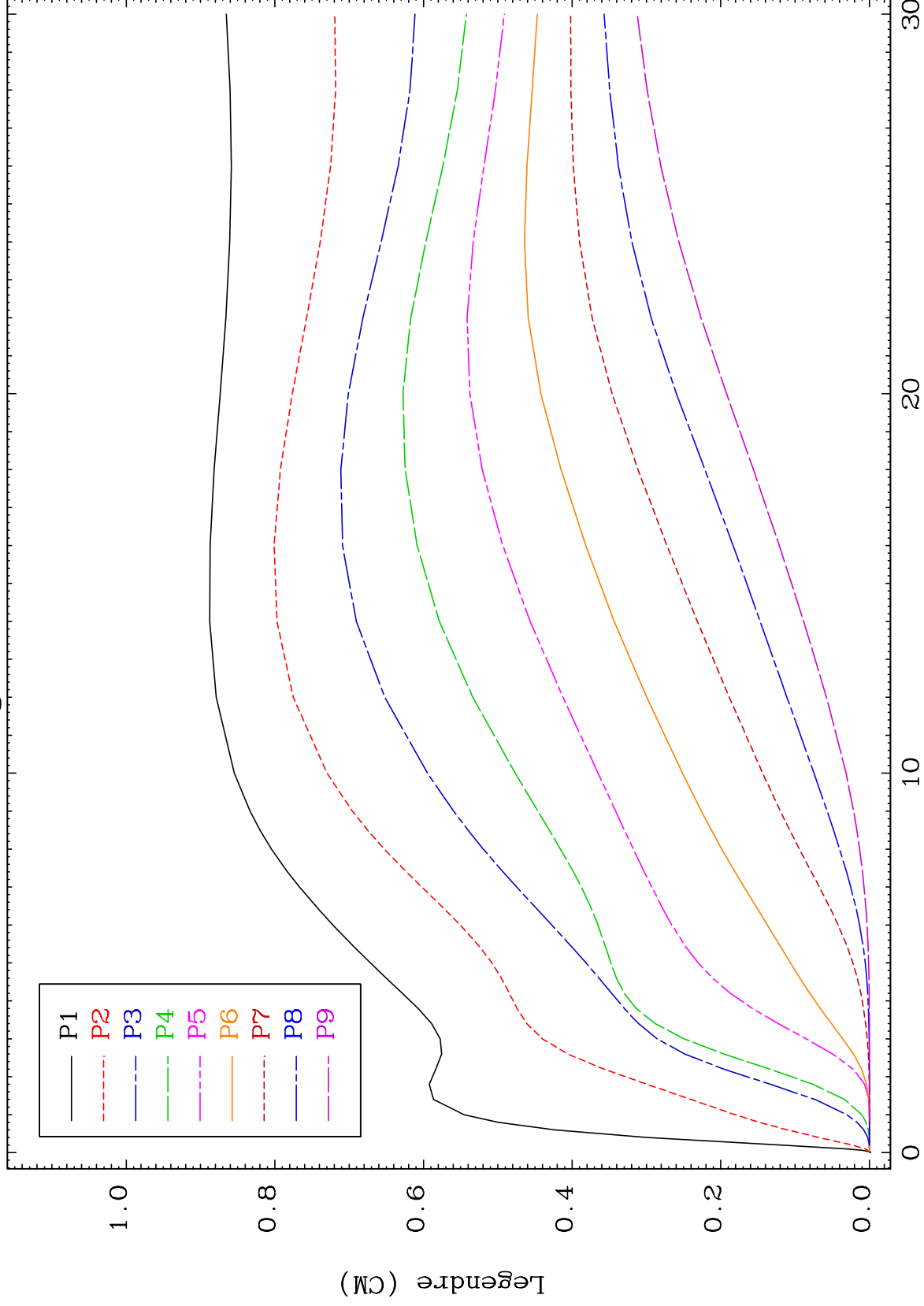
40-Zr-81



MAT 3998

Elastic Legendre Coefficients

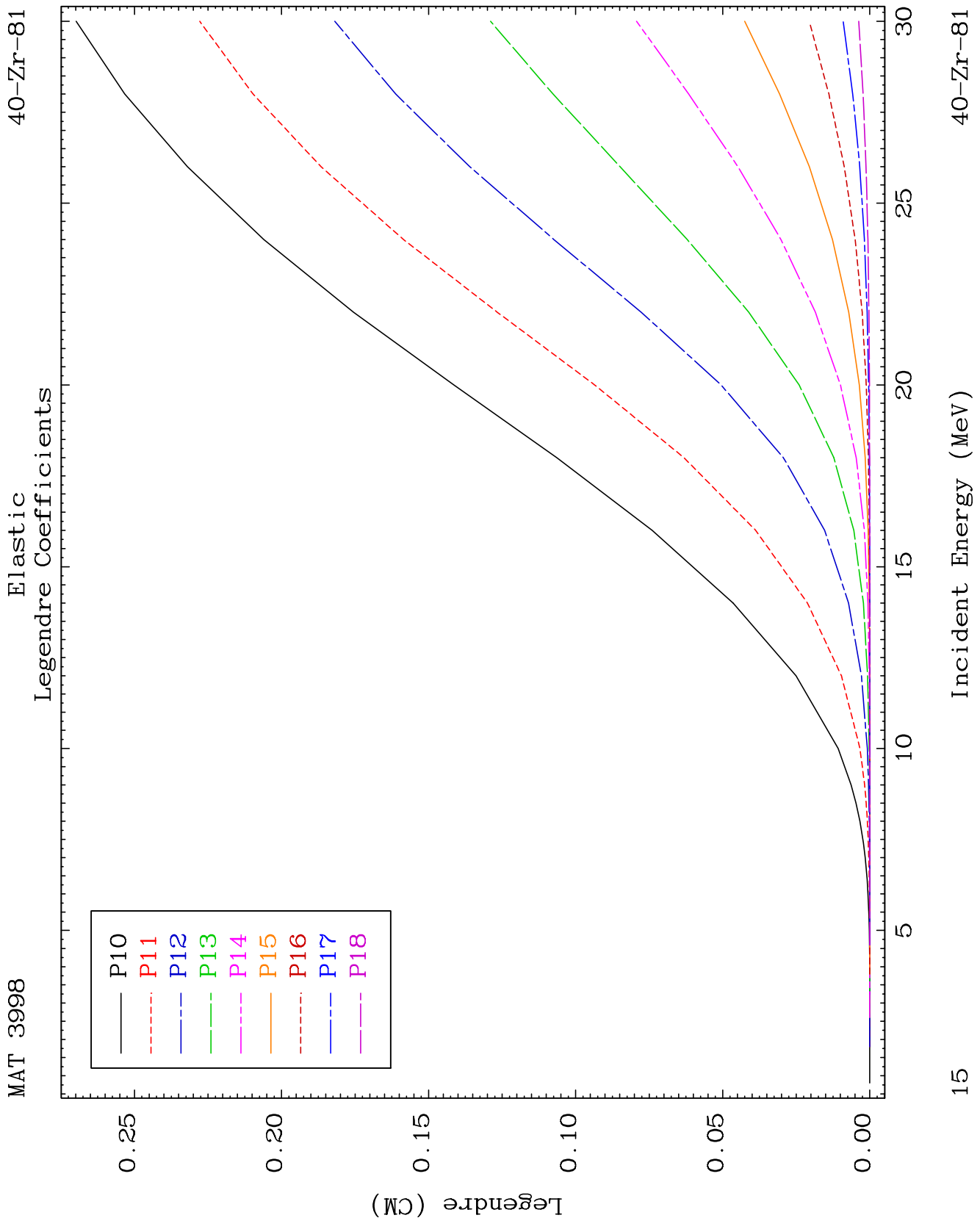
40-Zr-81



14

Incident Energy (MeV)

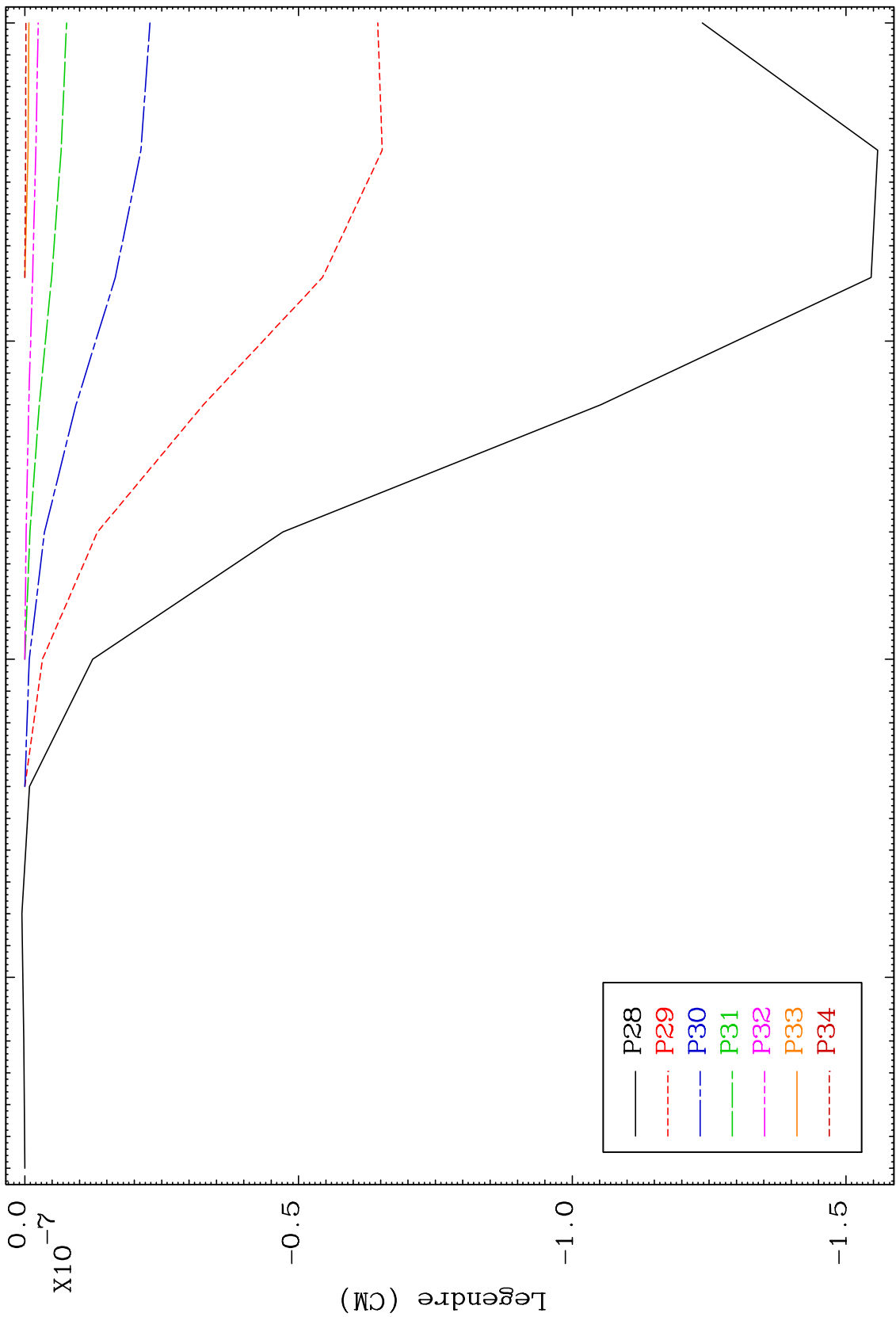
40-Zr-81



MAT 3998

40-Zr-81

Elastic Legendre Coefficients



Legendre (CM)
X10⁻⁷

30

25

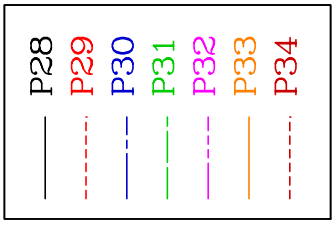
20

15

17

Incident Energy (MeV)

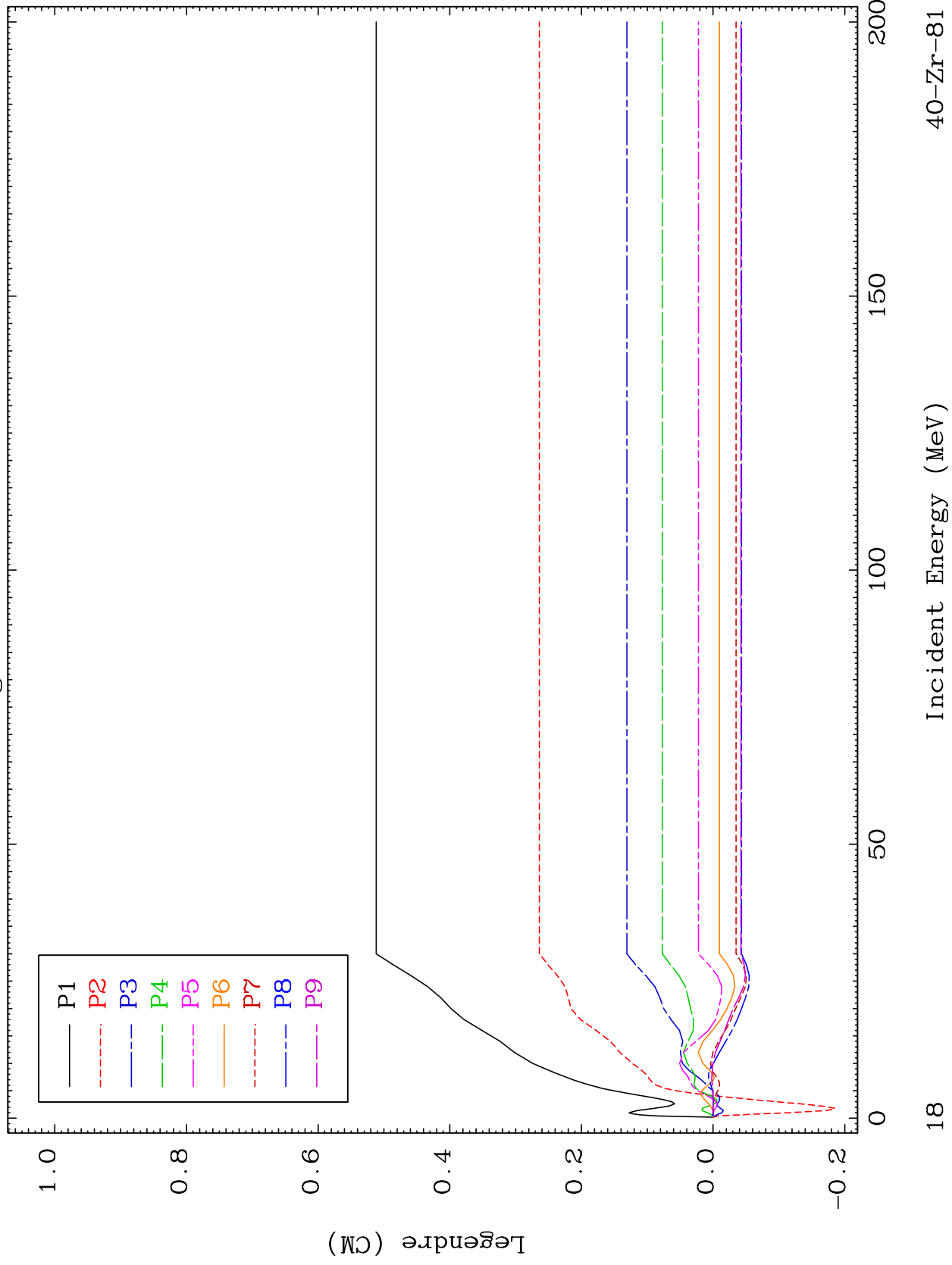
40-Zr-81



MAT 3998

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

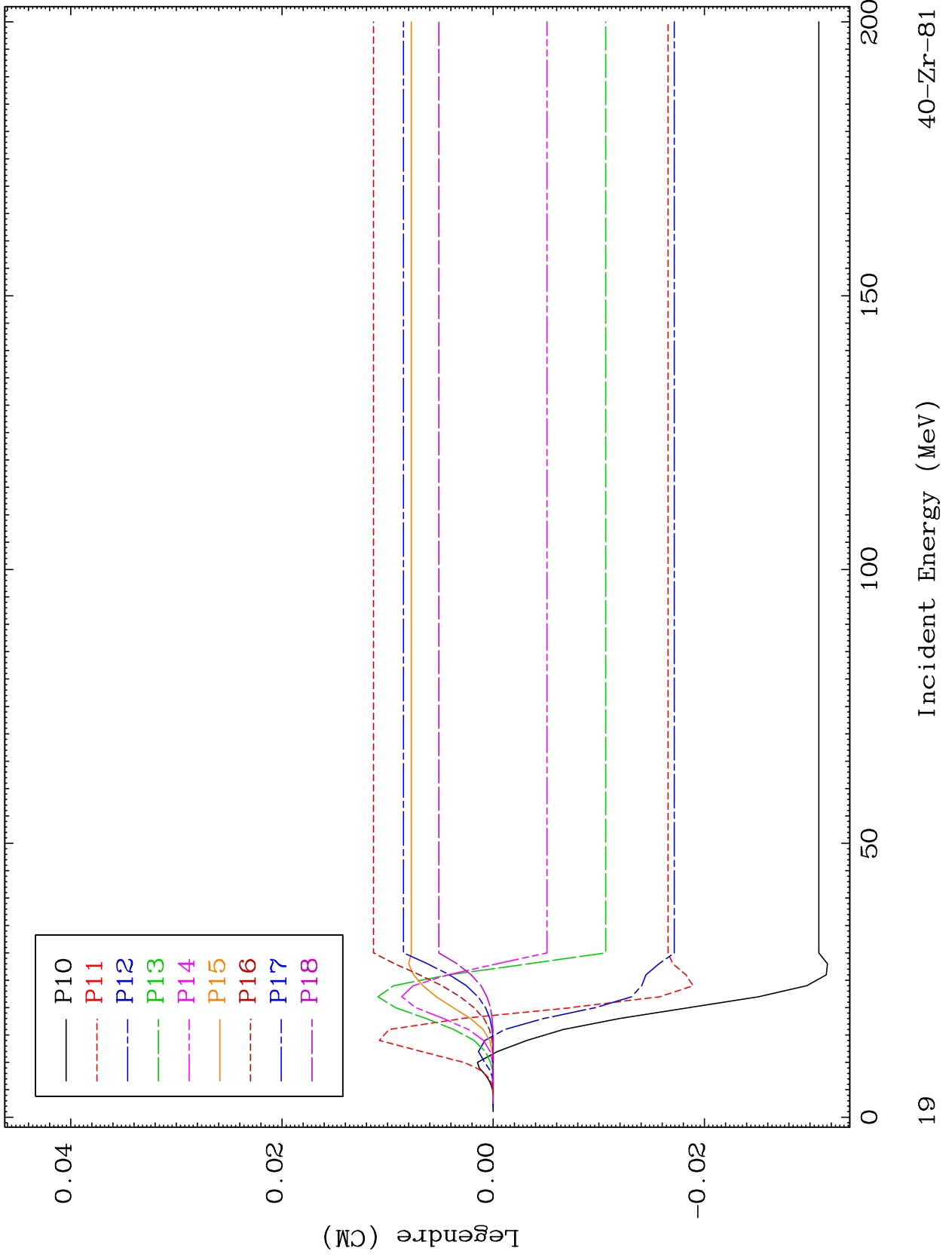
40-Zr-81



MAT 3998

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

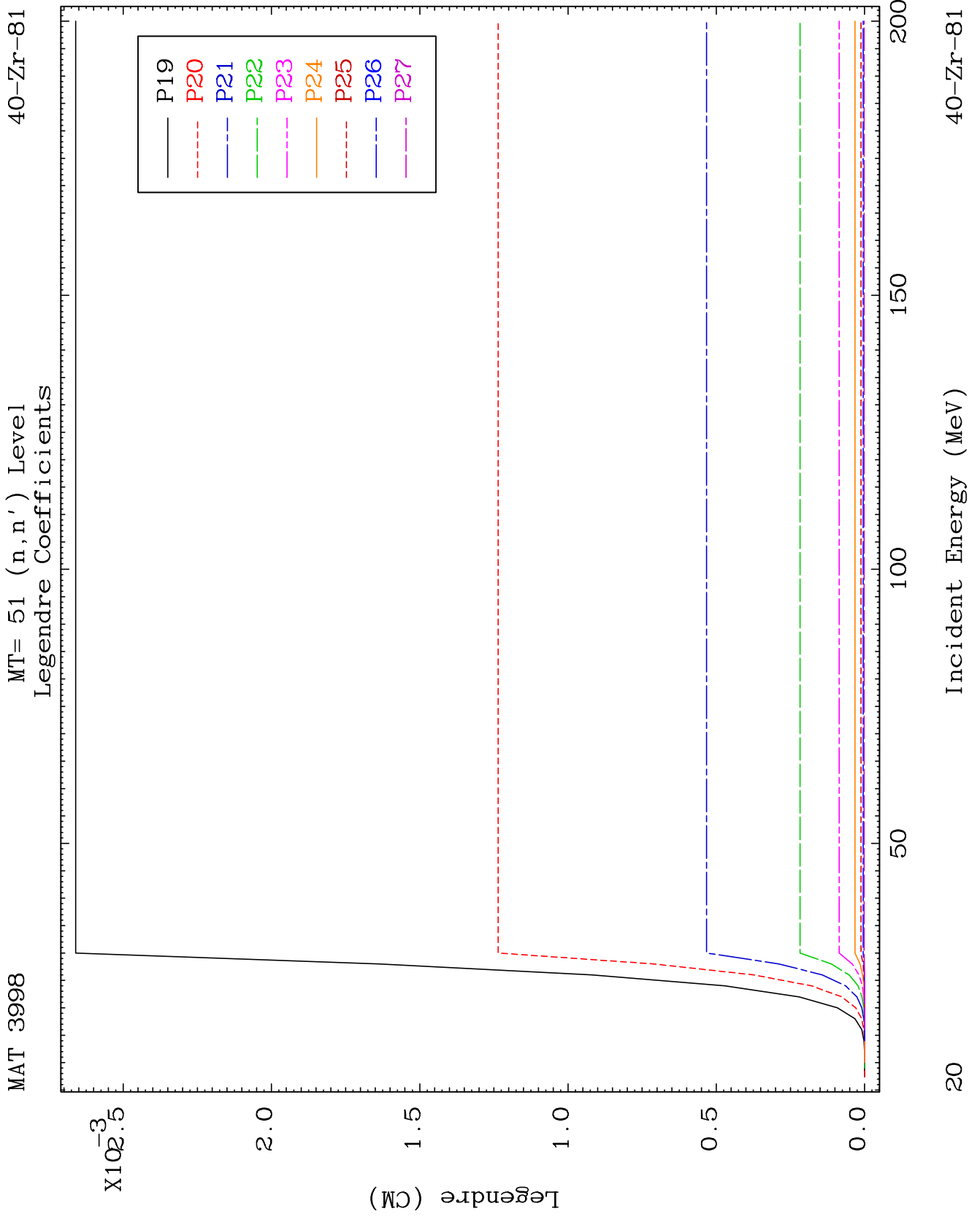
40-Zr-81



19

Incident Energy (MeV)

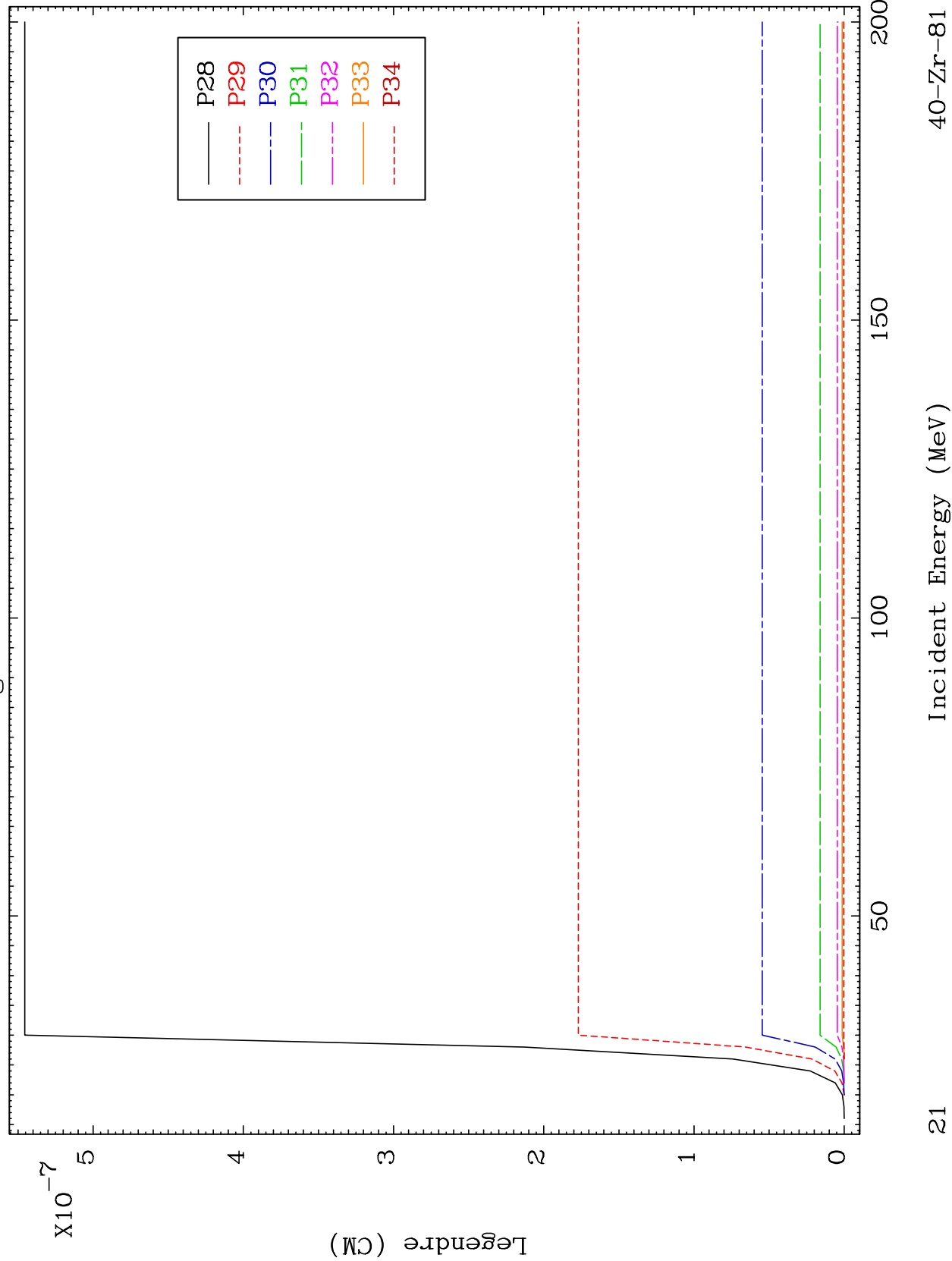
40-Zr-81



MAT 3998

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

40-Zr-81



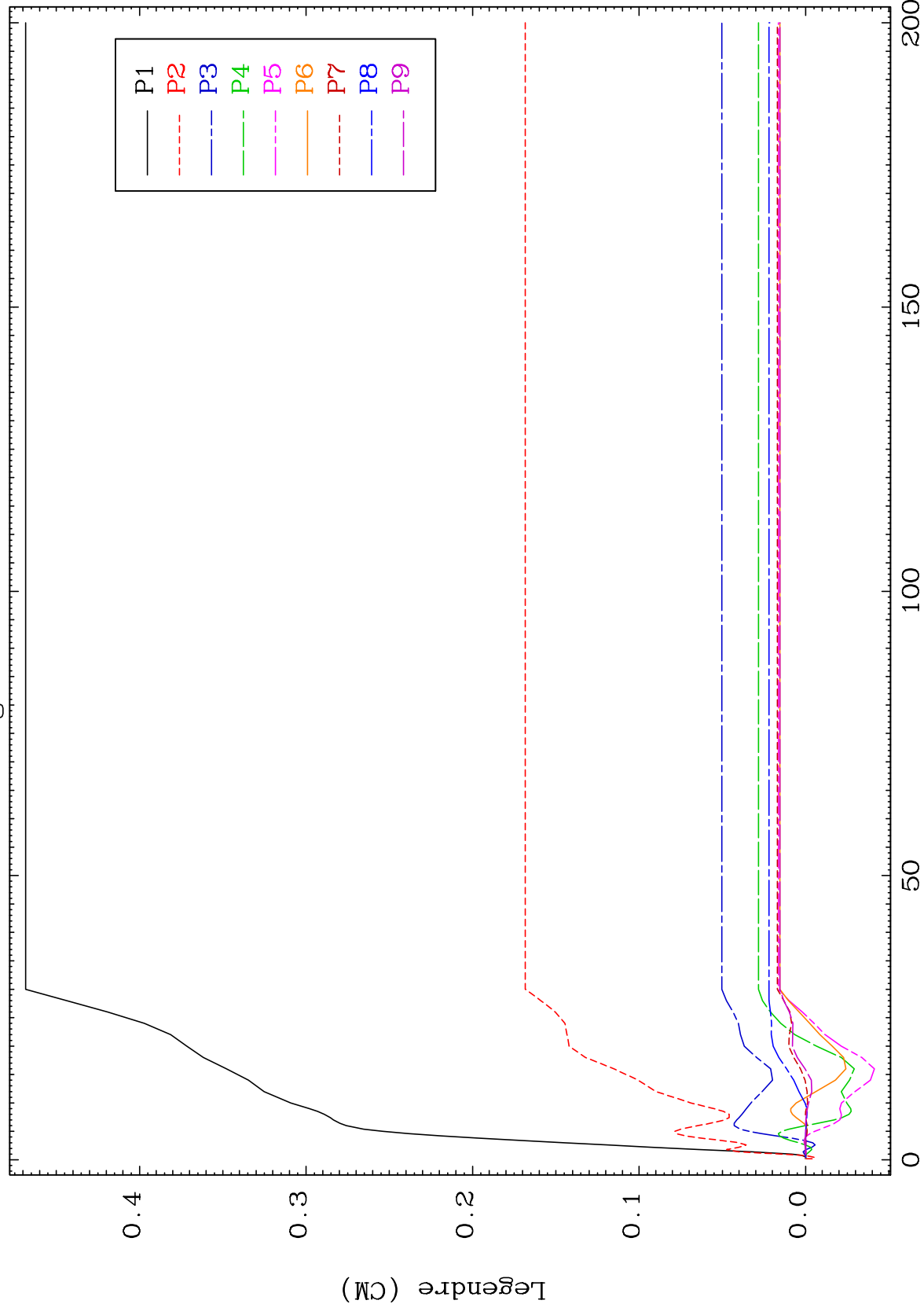
21

40-Zr-81

MAT 3998

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

40-Zr-81



22

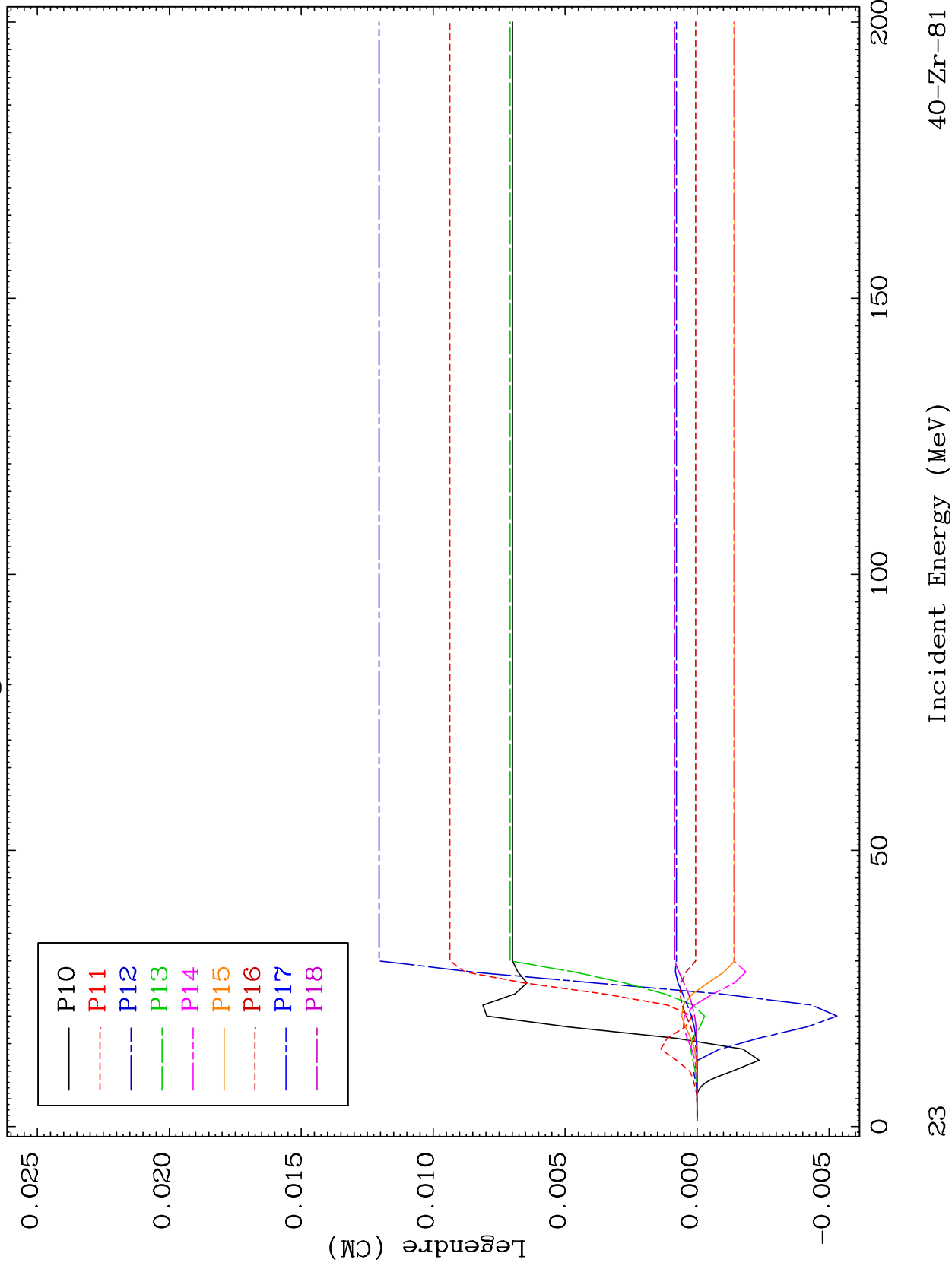
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

40-Zr-81

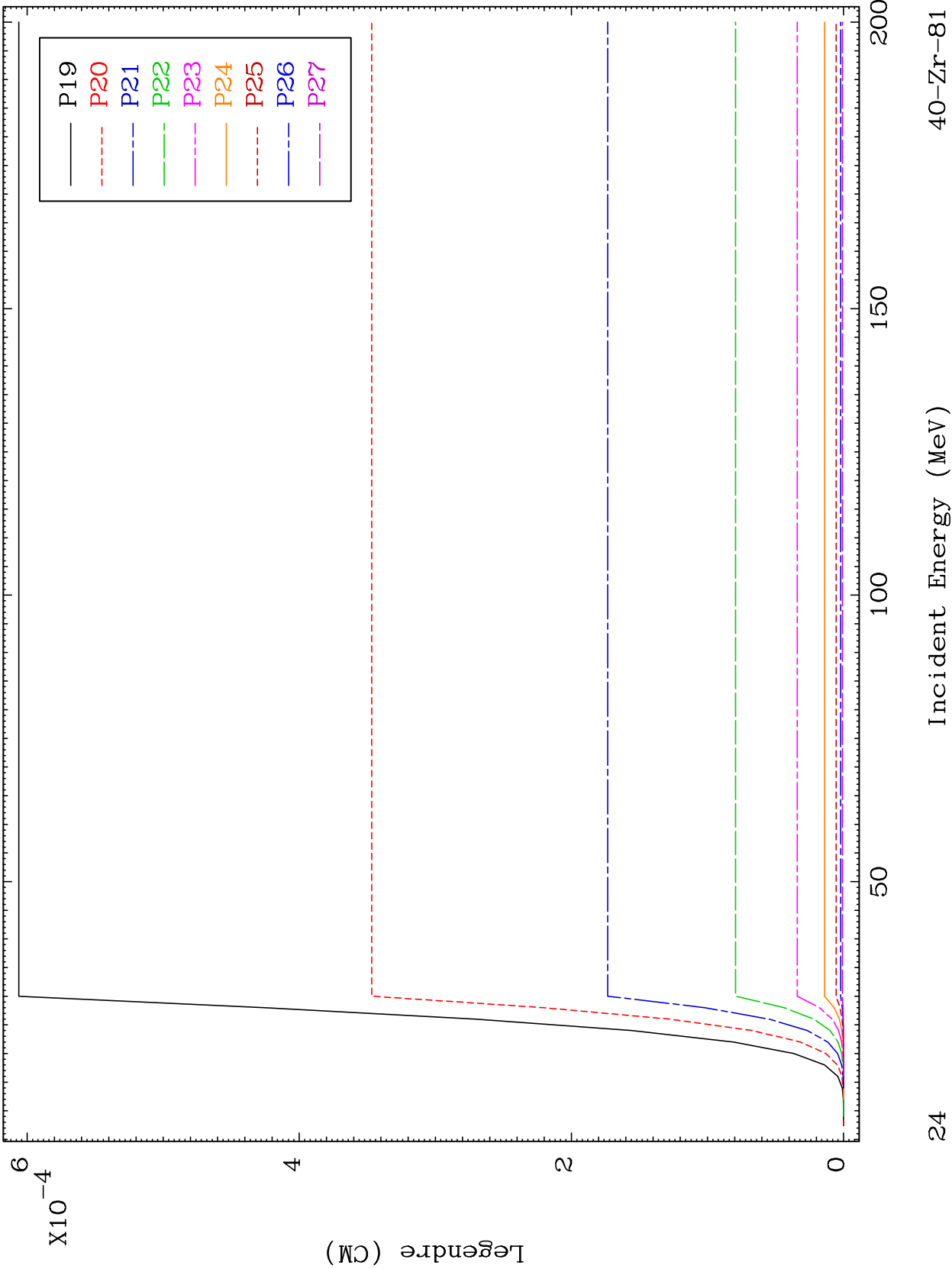


23

MAT 3998

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

40-Zr-81



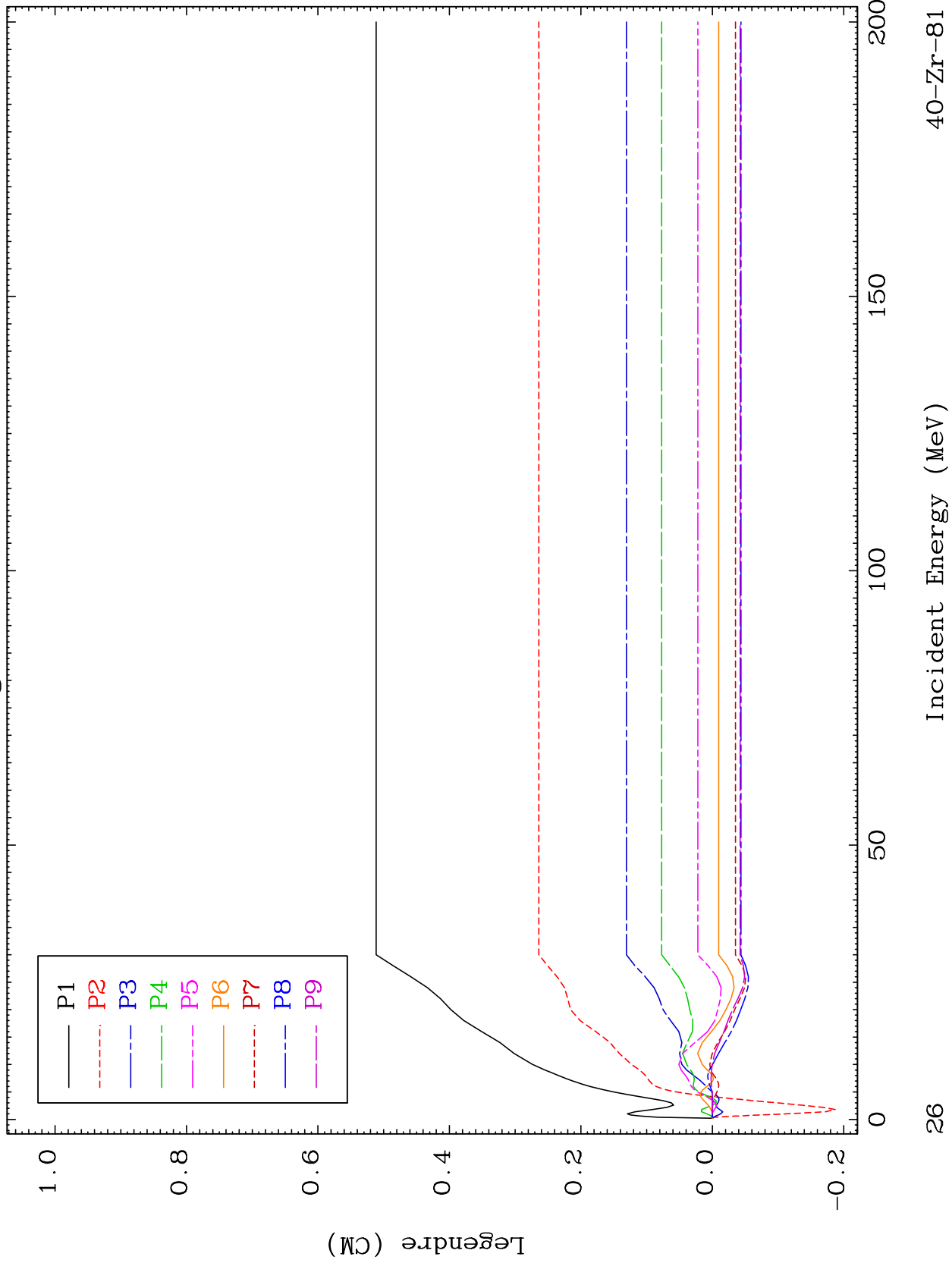
24

200

MAT 3998

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

40-Zr-81



26

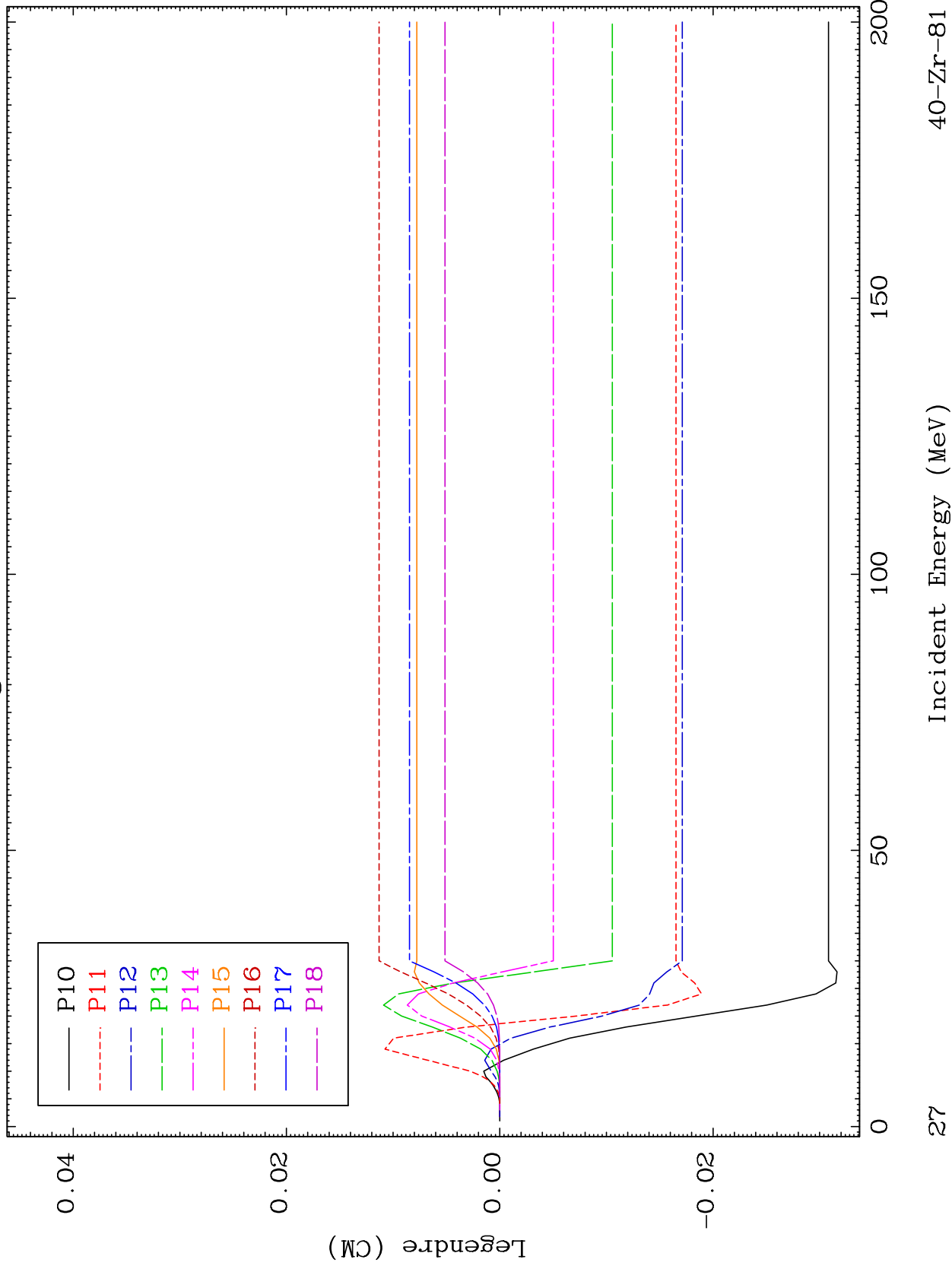
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

40-Zr-81



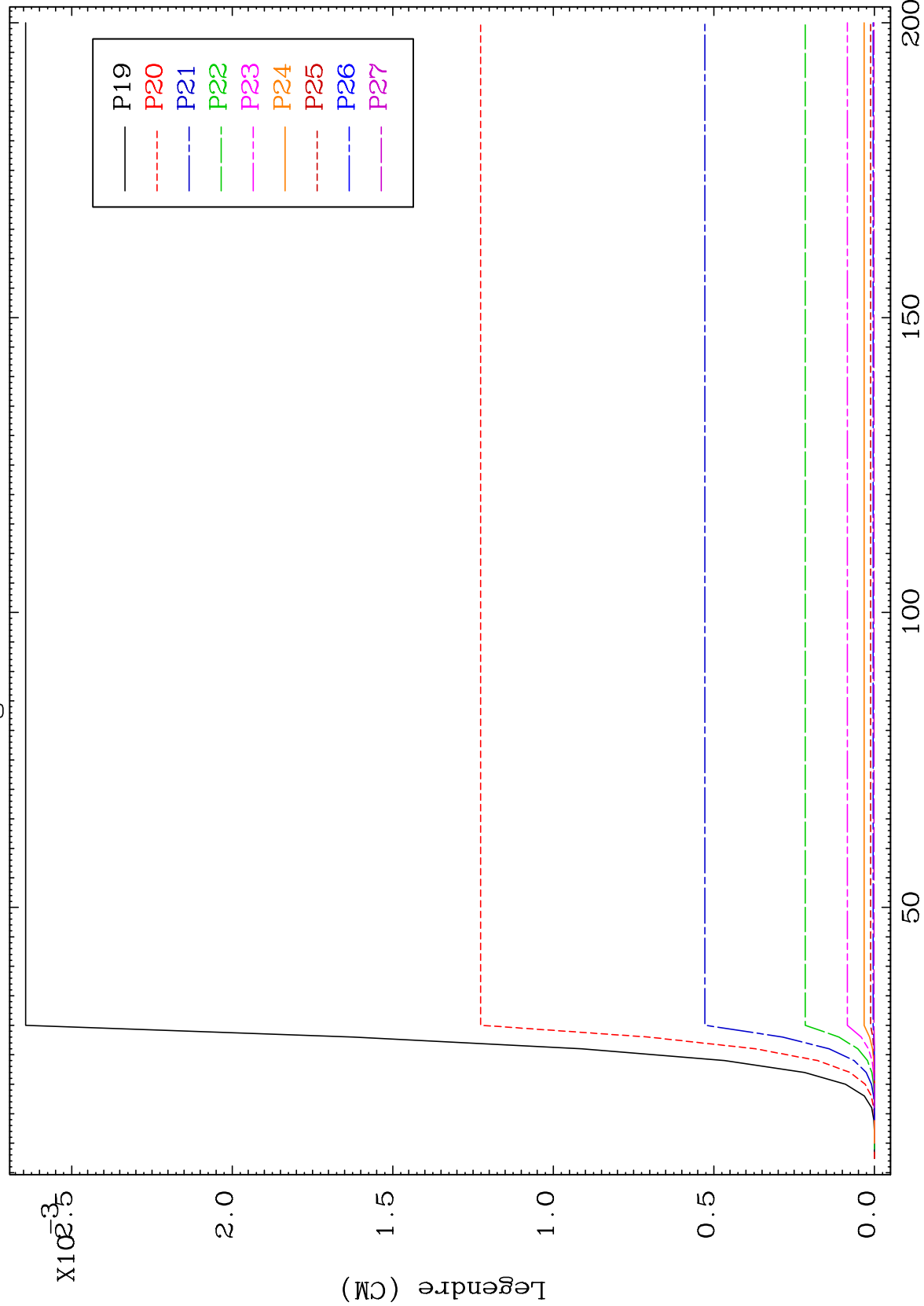
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40-Zr-81

MAT 3998

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

40-Zr-81



28

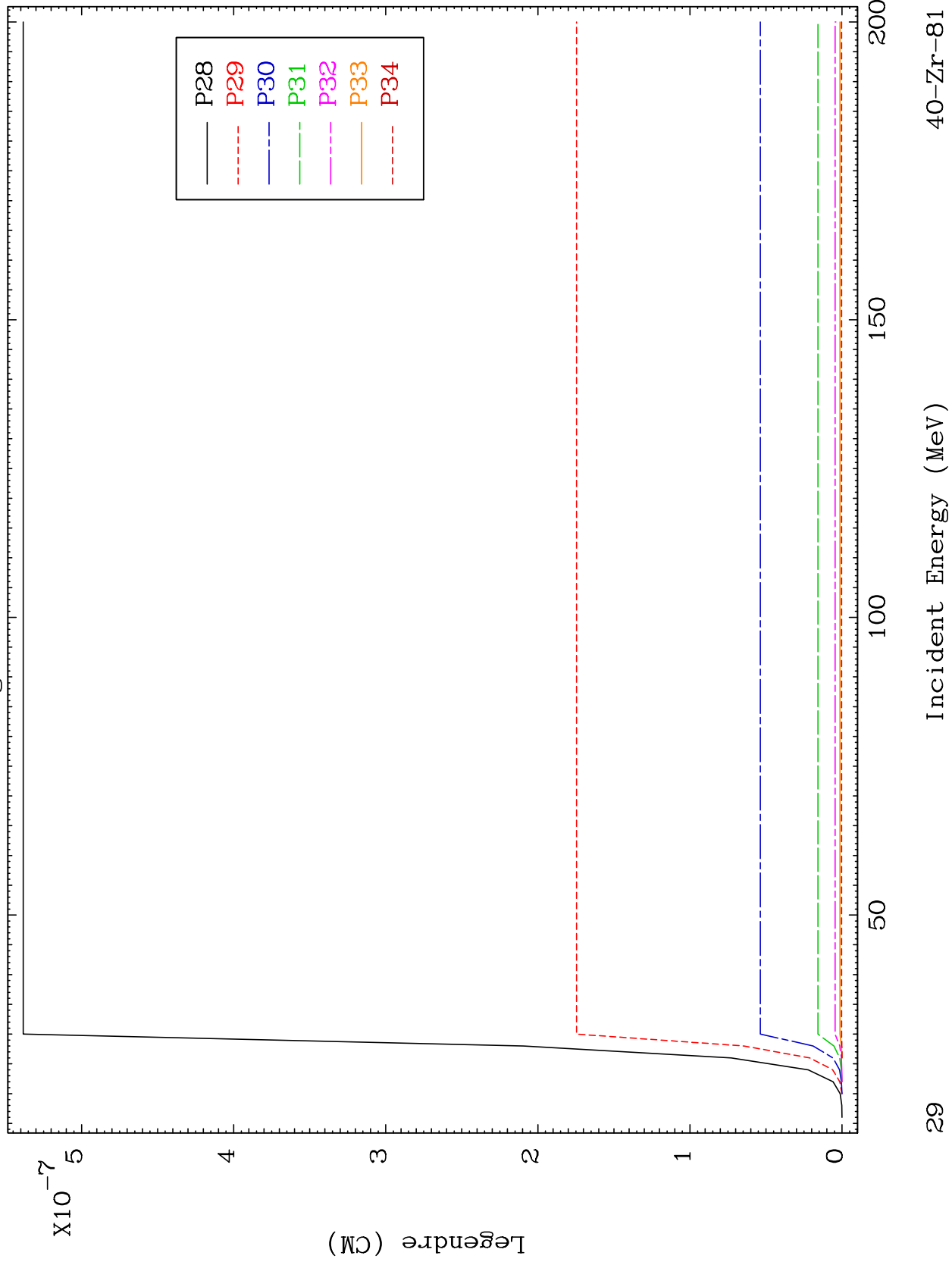
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

40-Zr-81

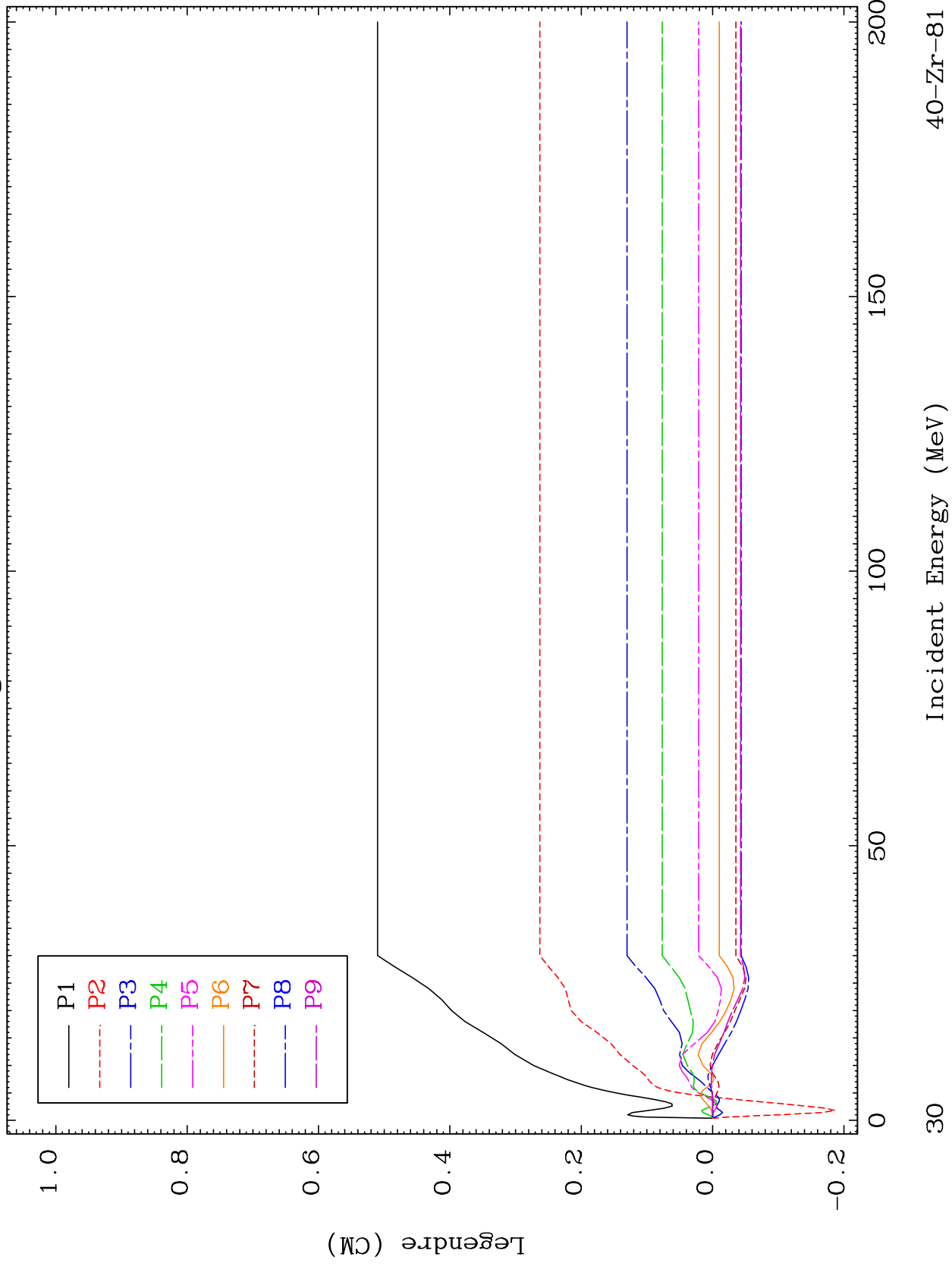


29

MAT 3998

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

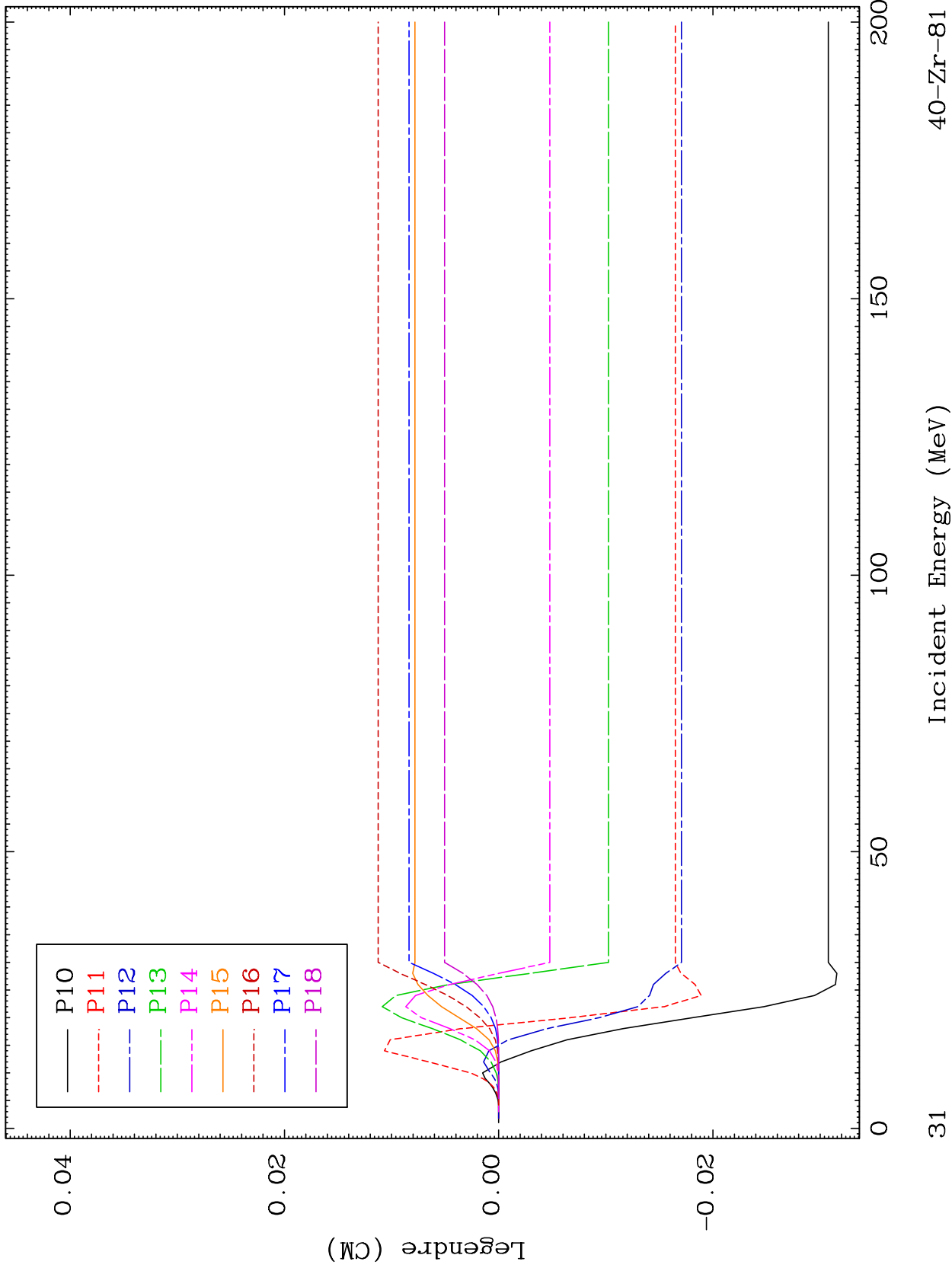
40-Zr-81



MAT 3998

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

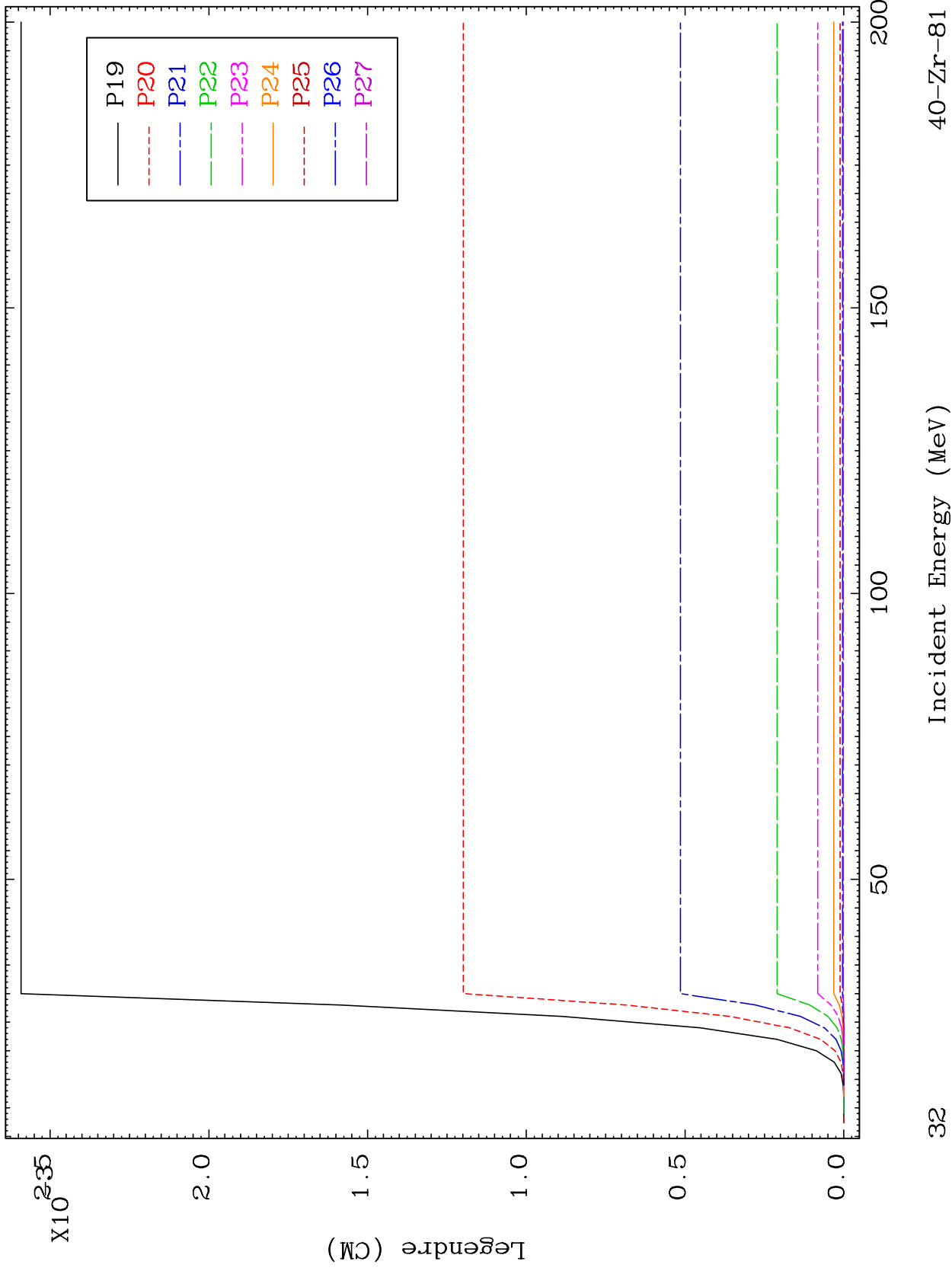
40-Zr-81



MAT 3998

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

40-Zr-81



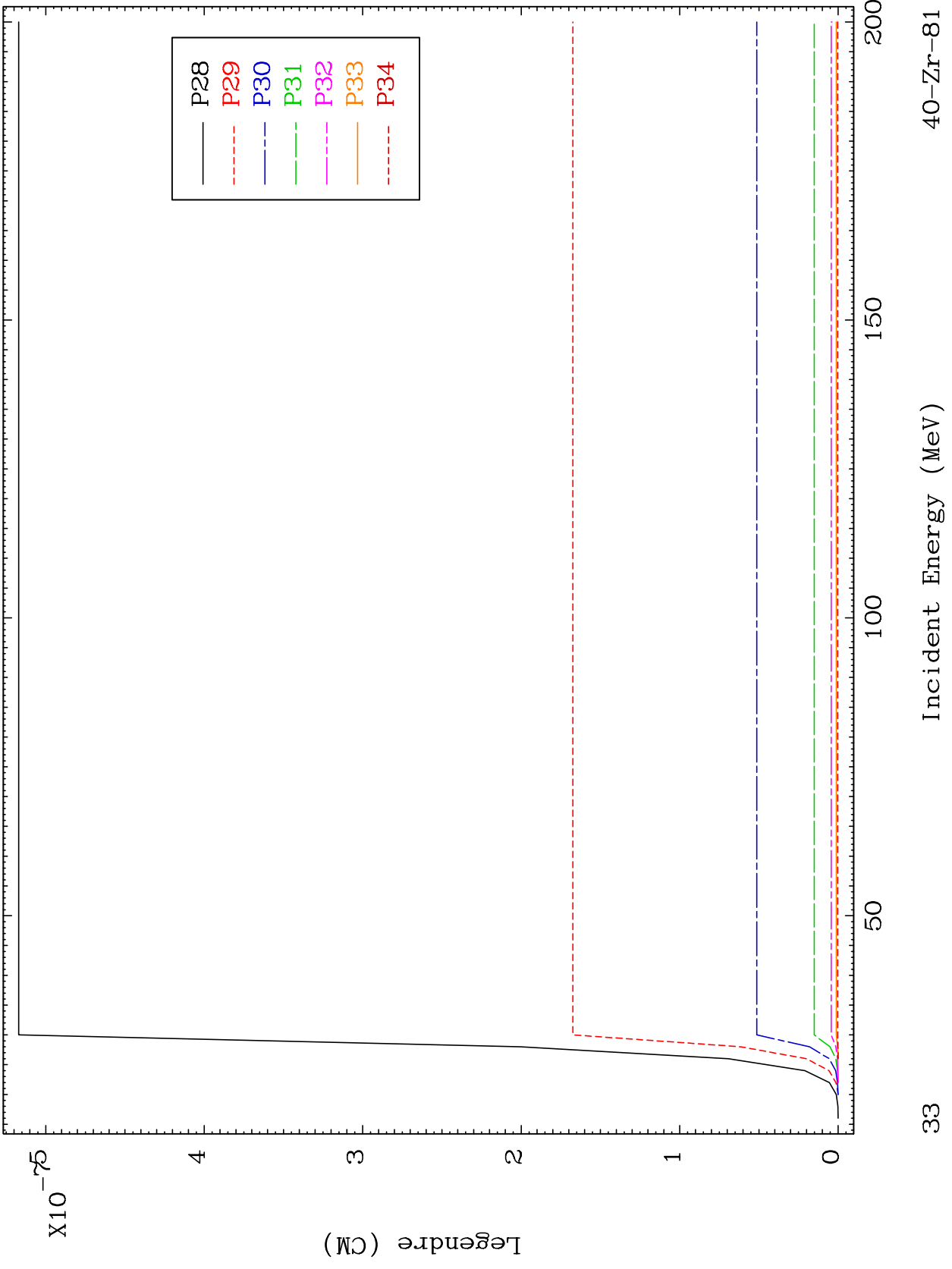
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40-Zr-81

MAT 3998

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

40-Zr-81



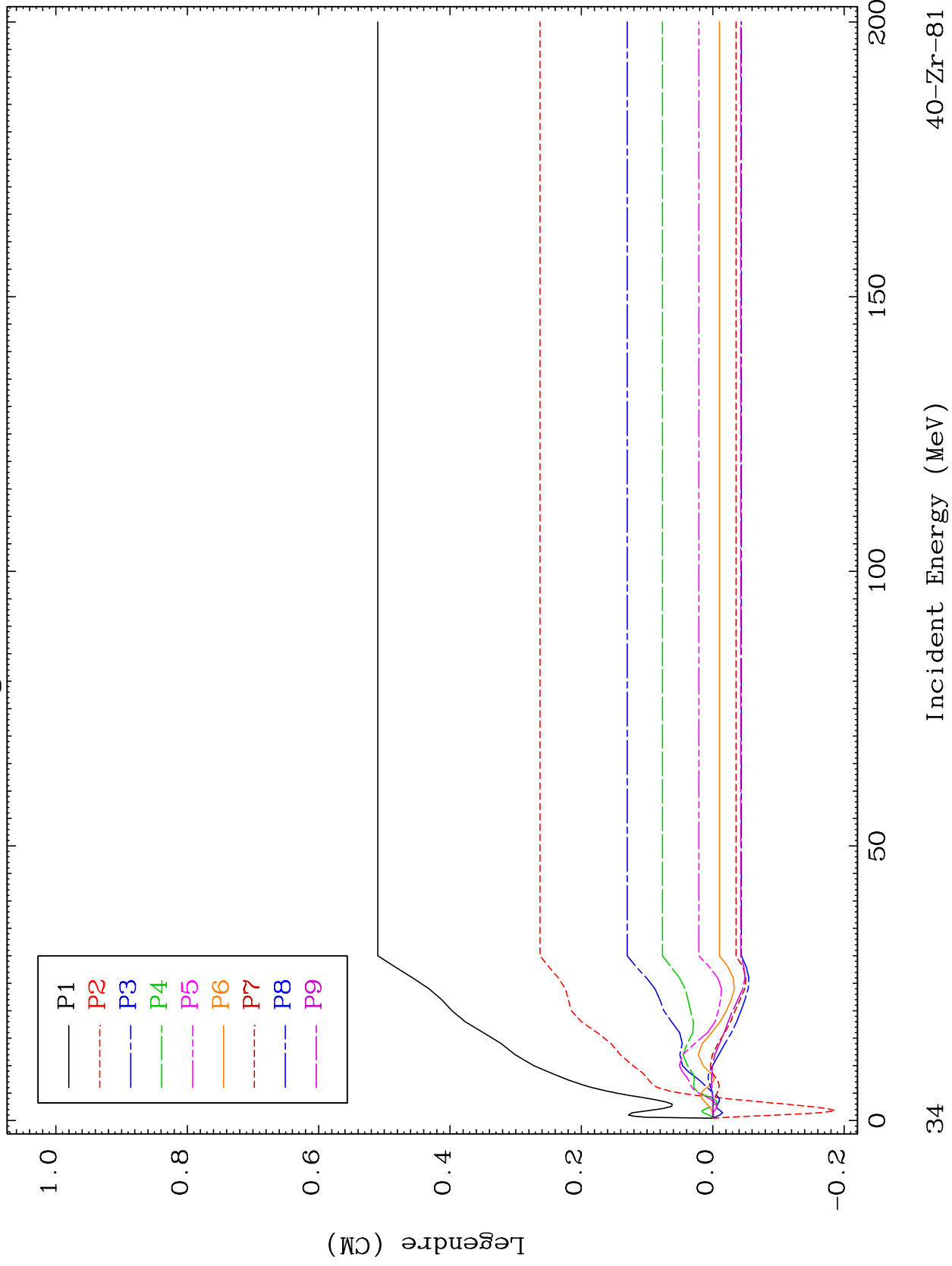
33

40-Zr-81

MAT 3998

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

40-Zr-81

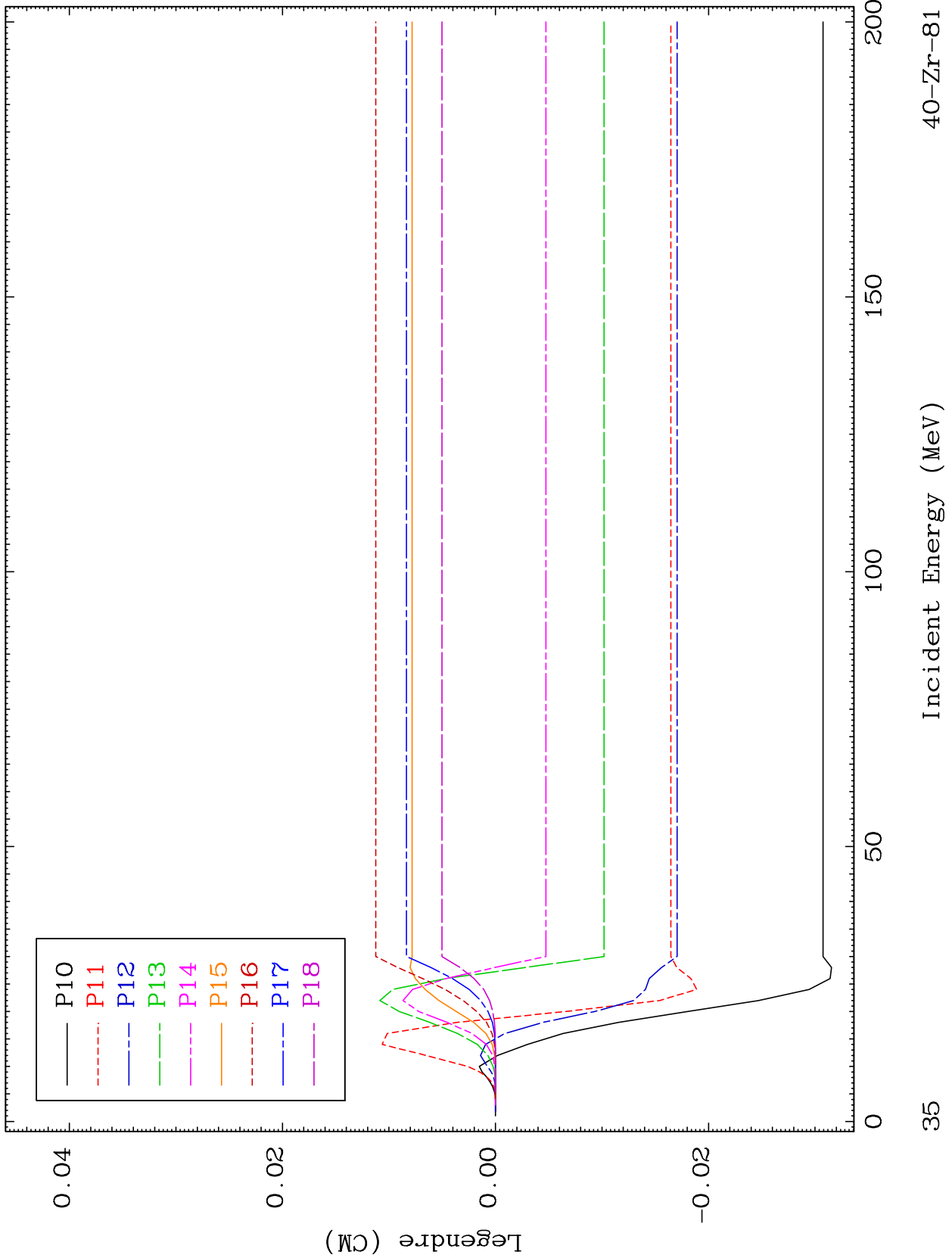


34

MAT 3998

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

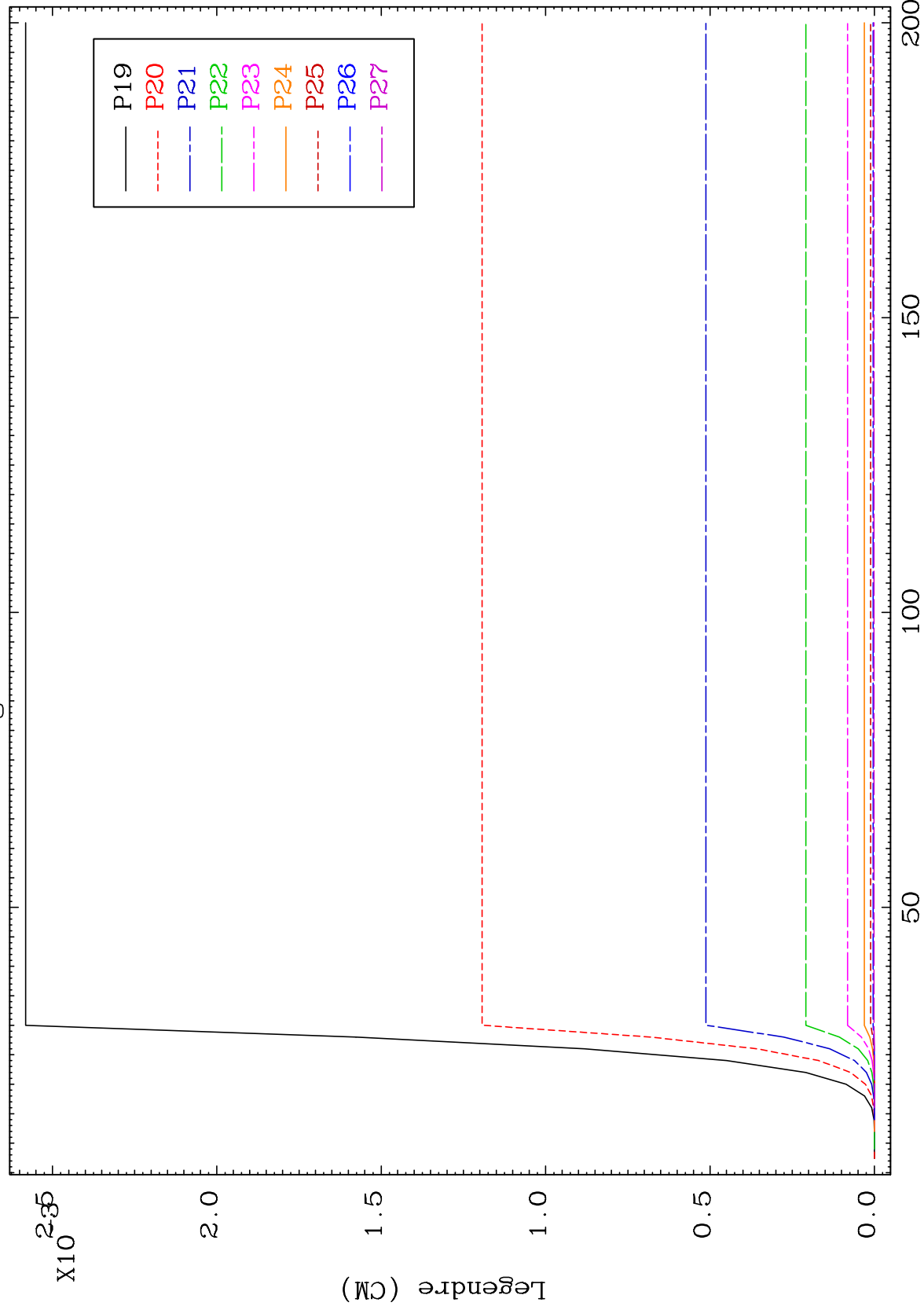
40-Zr-81



40-Zr-81

Incident Energy (MeV)

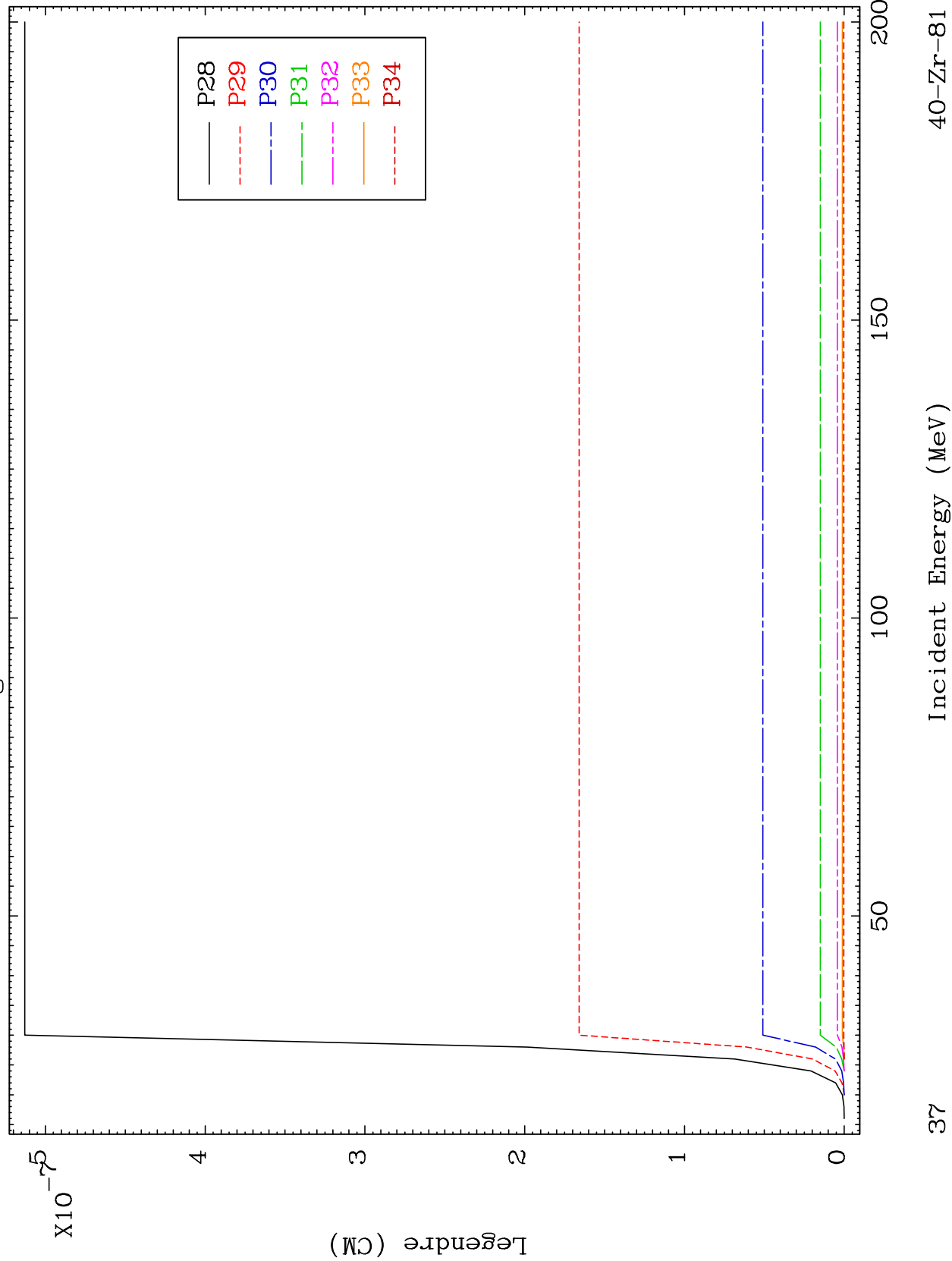
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MAT 3998

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

40-Zr-81



37

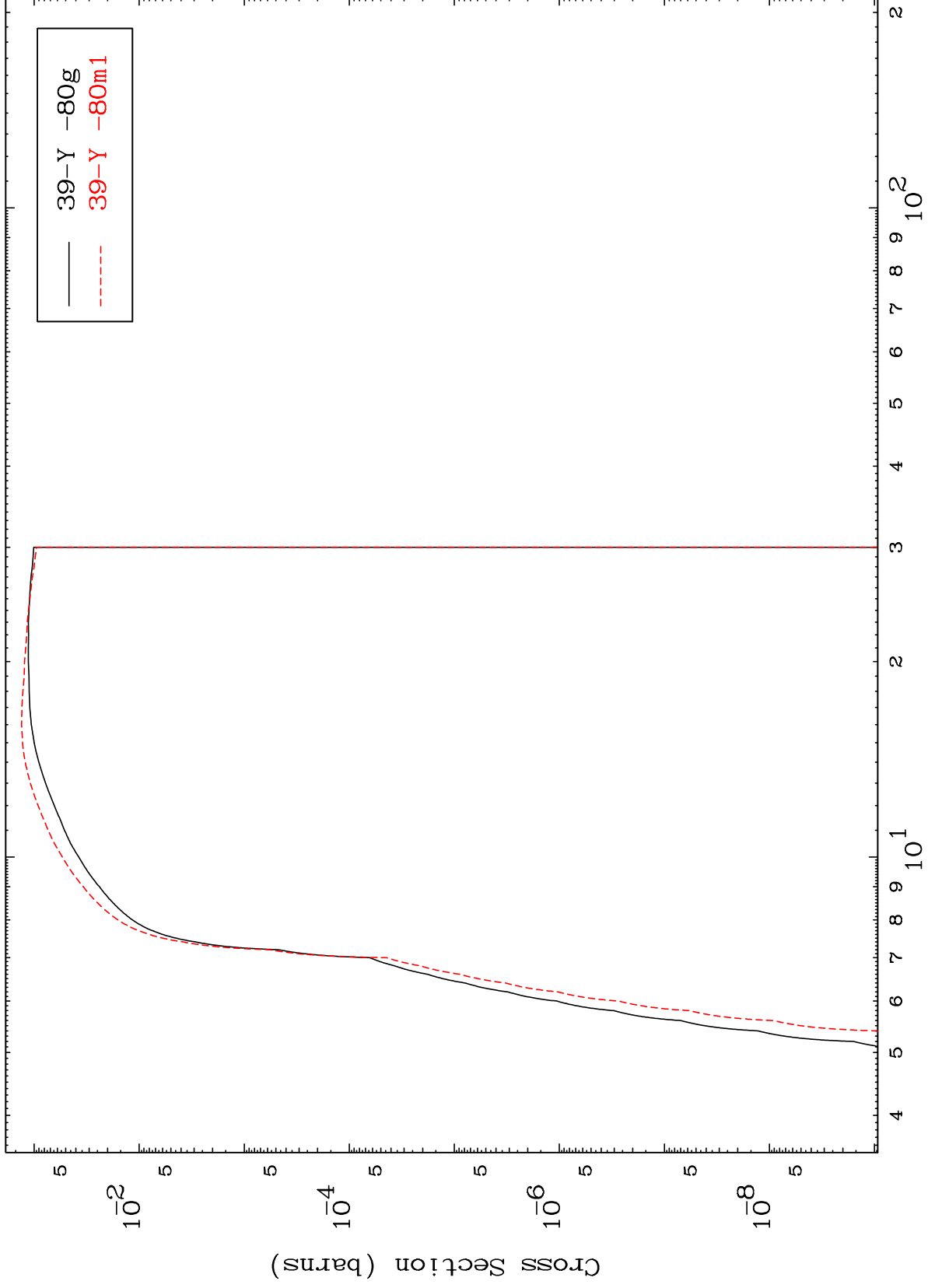
40-Zr-81

MAT 3998

(n,n') p

40-Zr-81

Radionuclide Production Cross Section



38

Incident Energy (MeV)

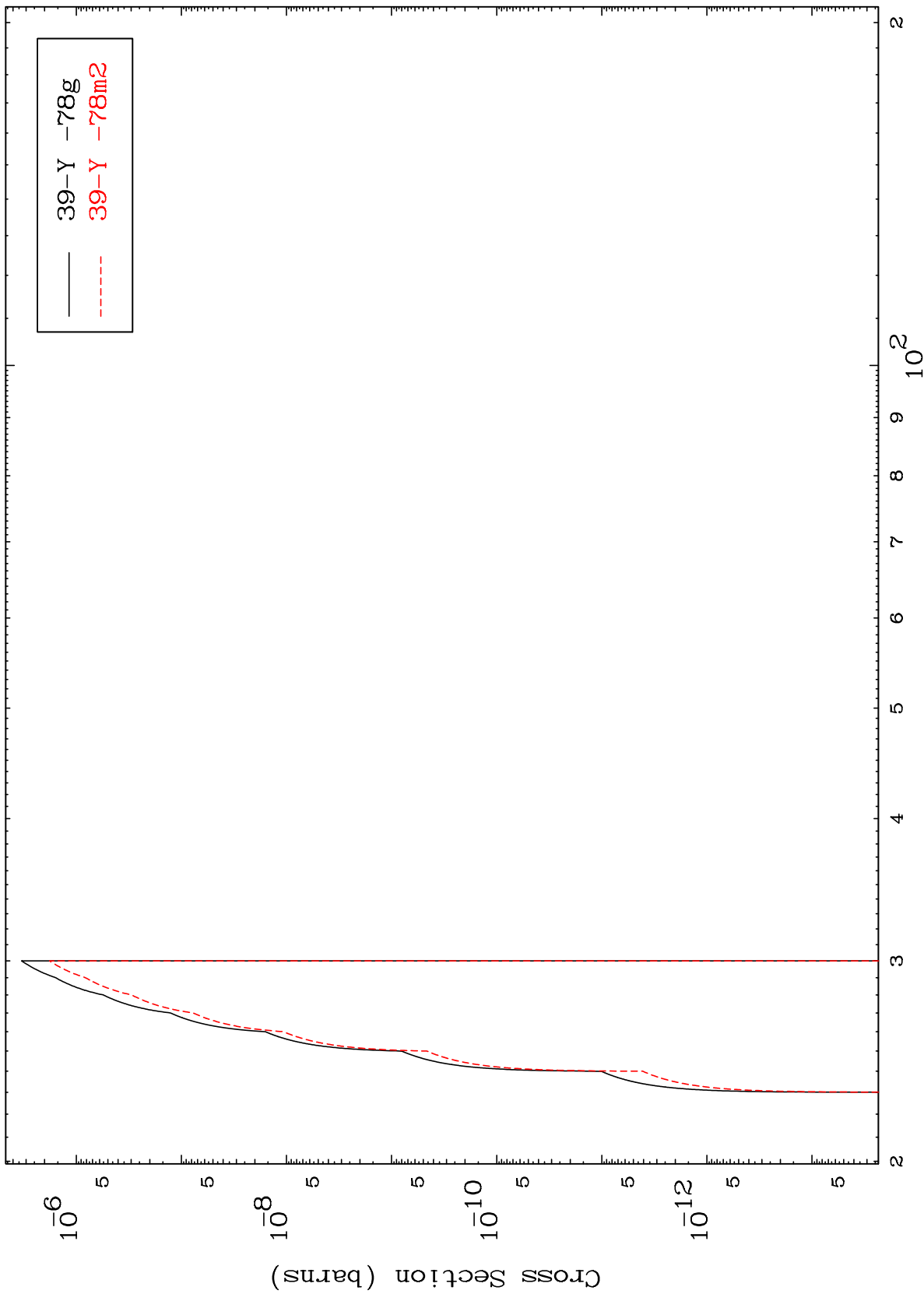
40-Zr-81

MAT 3998

(n,n') t

40-Zr-81

Radionuclide Production Cross Section



39

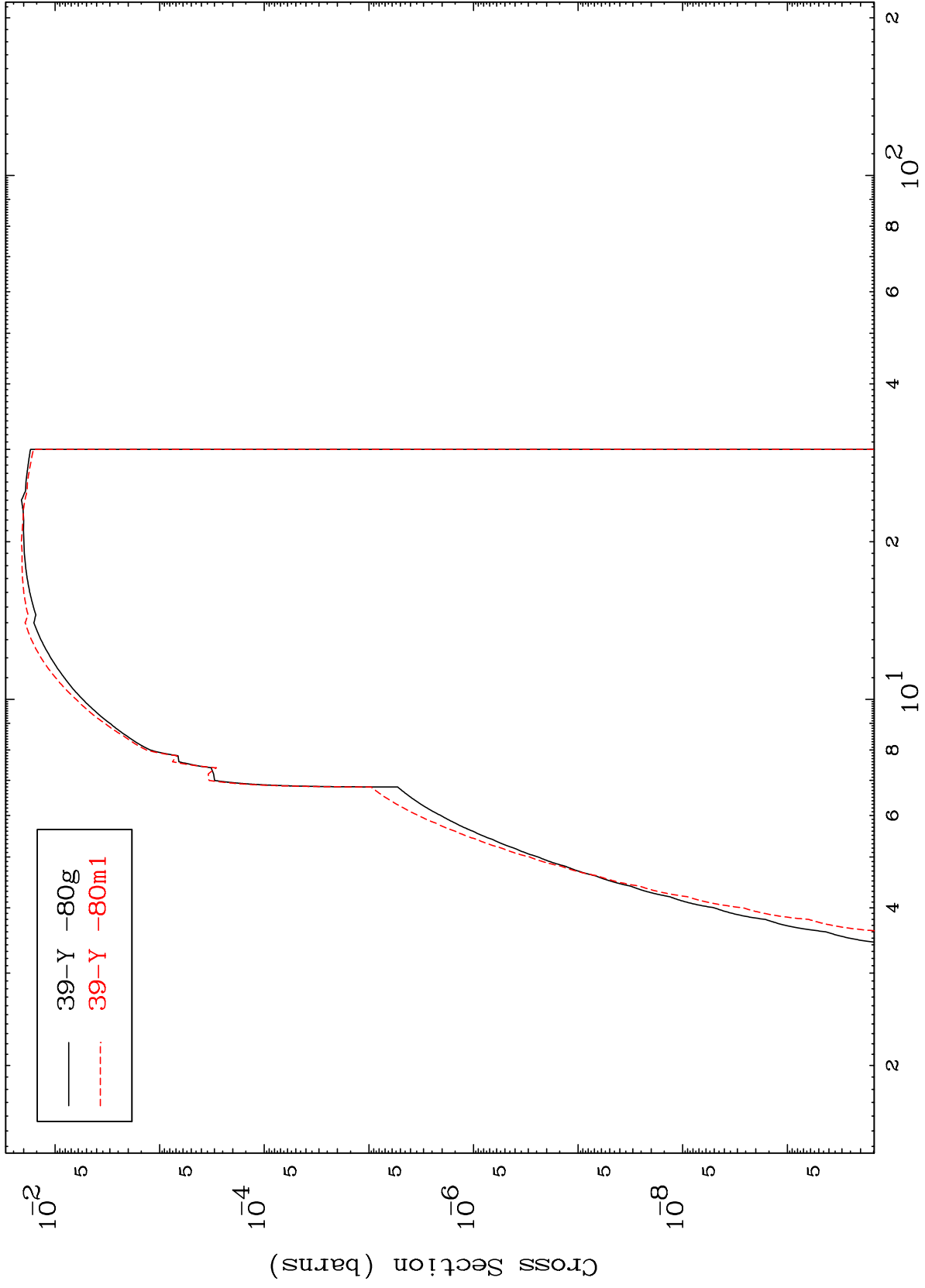
Incident Energy (MeV)

40-Zr-81

MAT 3998

40-Zr-81

(n,d)
Radionuclide Production Cross Section



40

40-Zr-81

Incident Energy (MeV)