

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

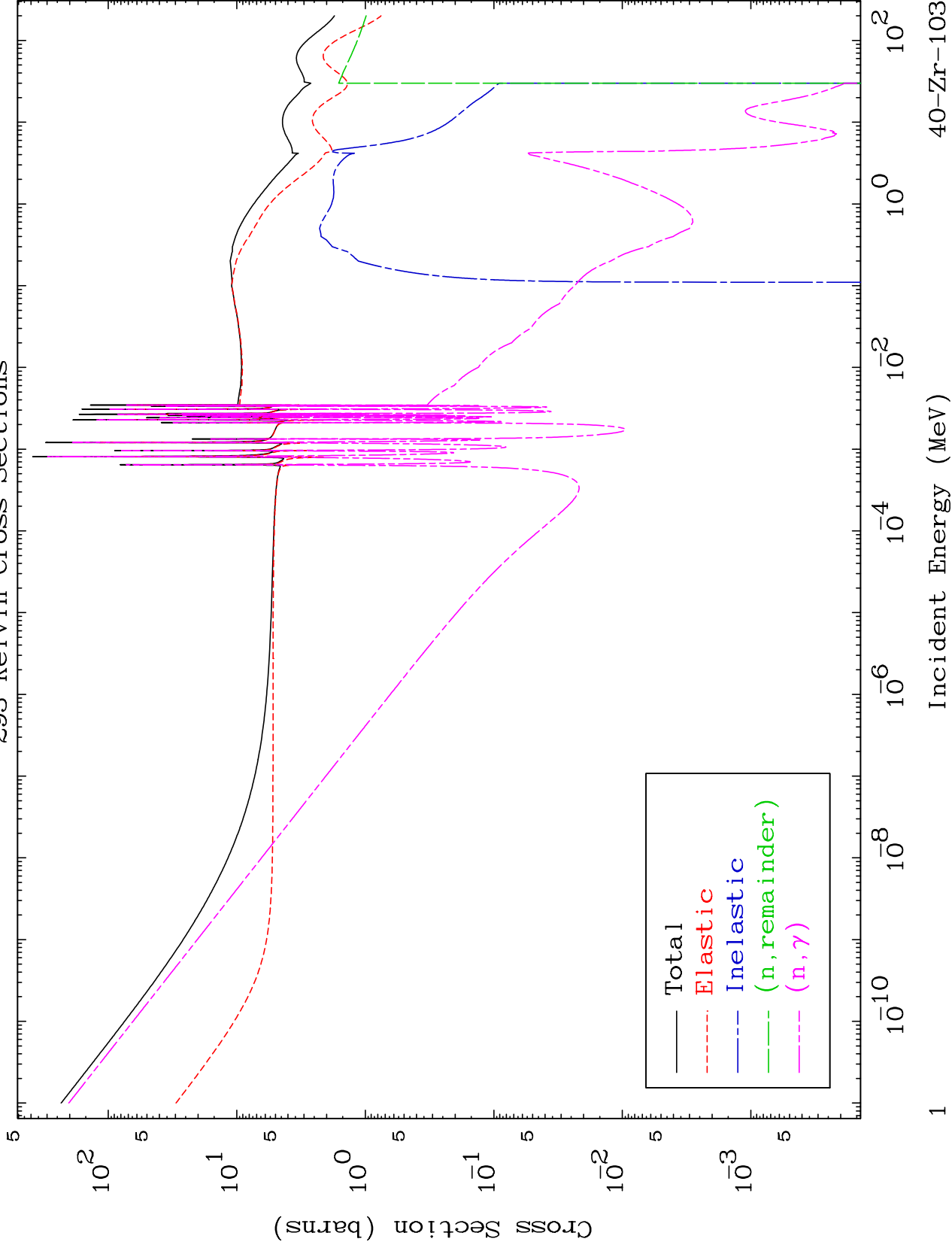
Press Mouse Button to Start

MAT 4064

Major

40-Zr-103

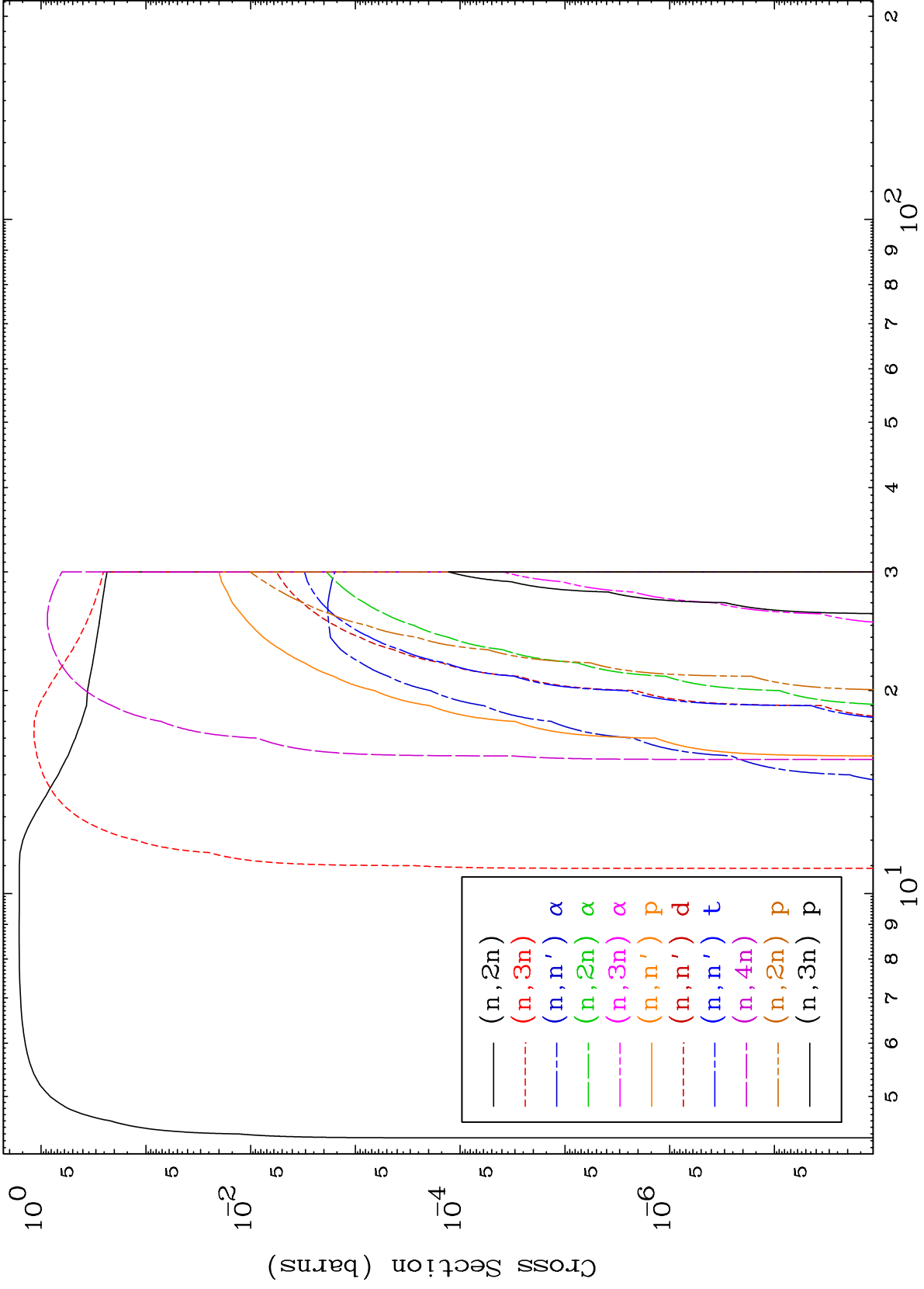
293 Kelvin Cross Sections



MAT 4064

Neutron Production
293 Kelvin Cross Sections

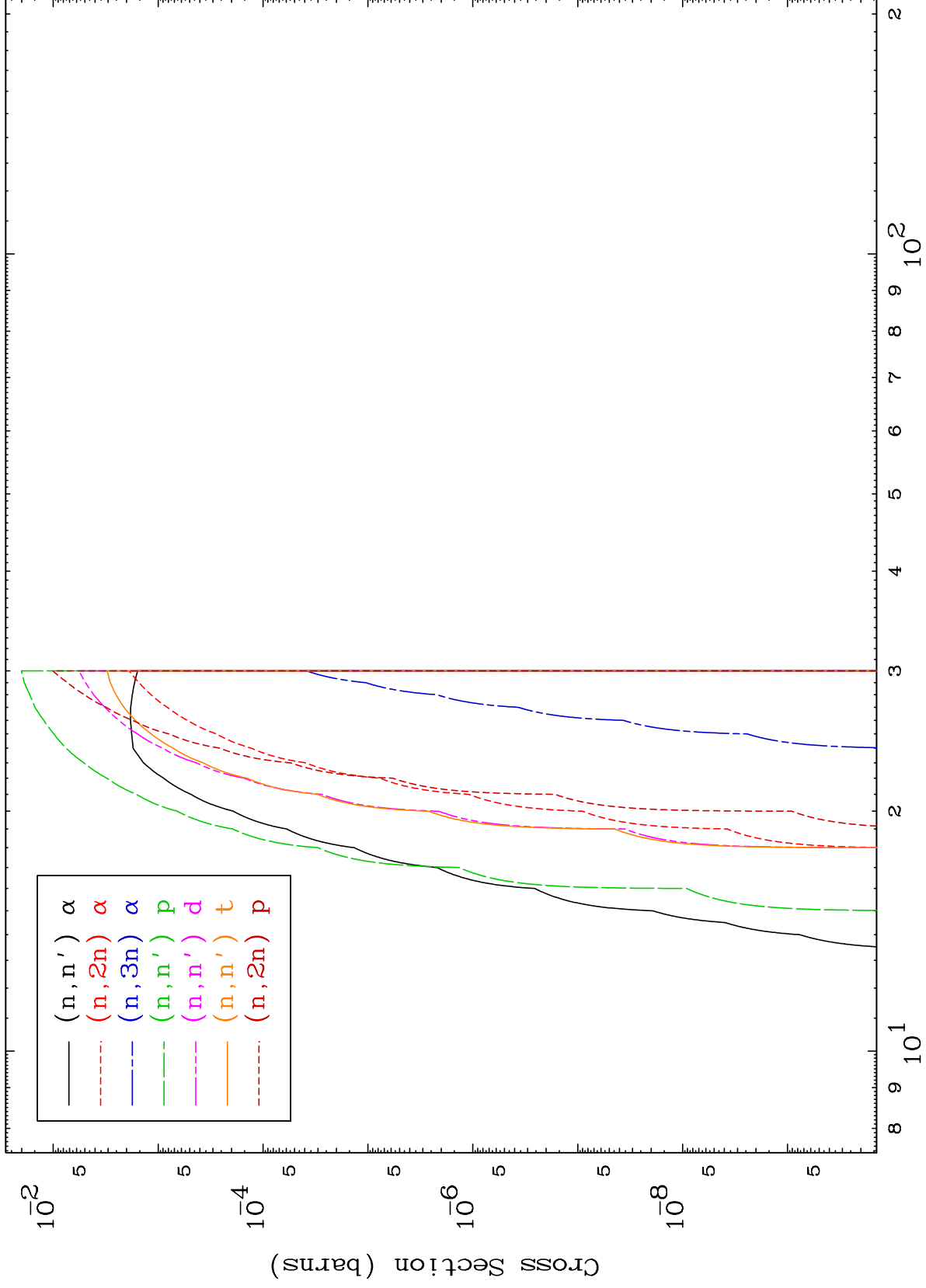
40-Zr-103



Incident Energy (MeV)

40-Zr-103

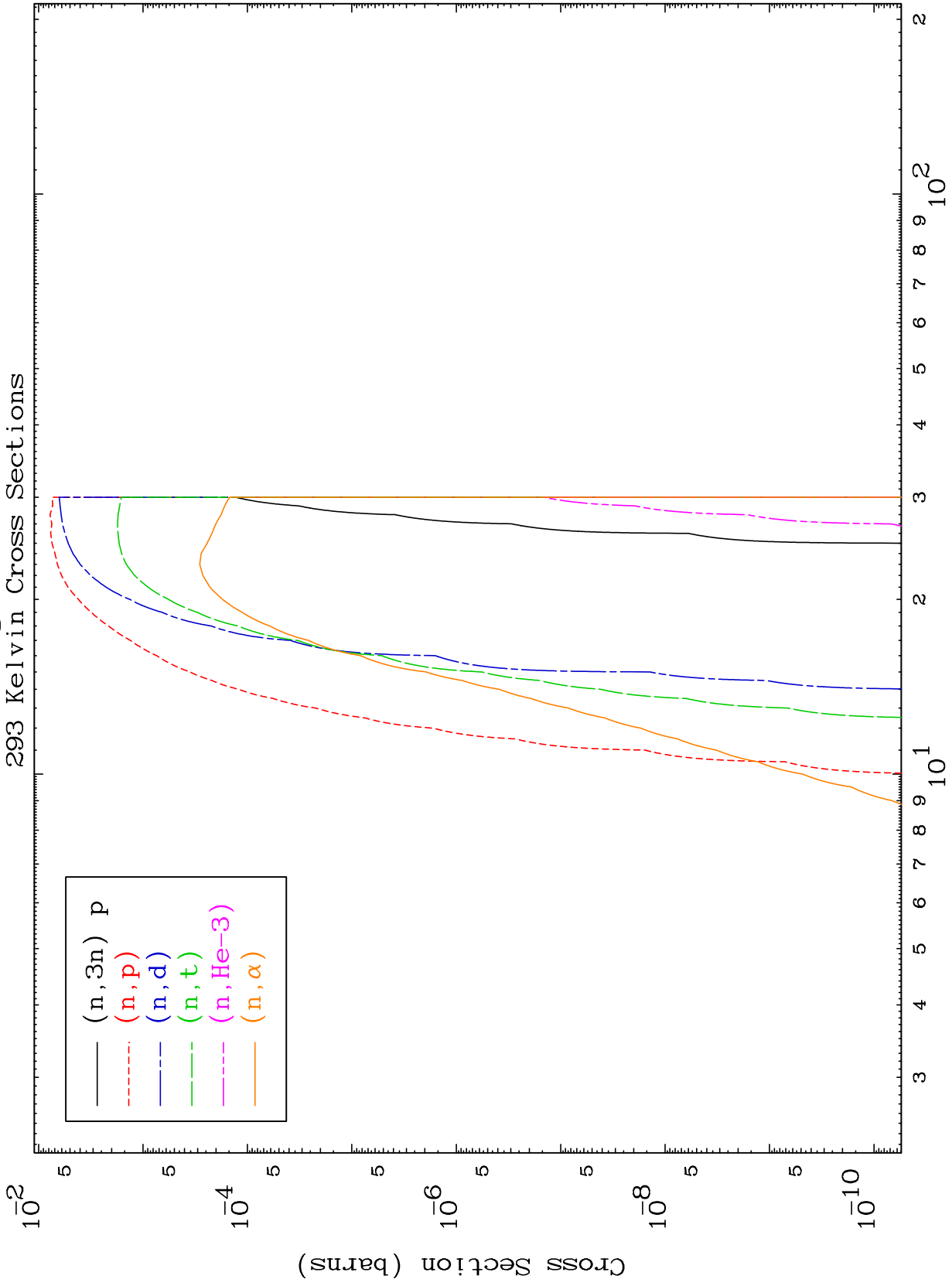
2

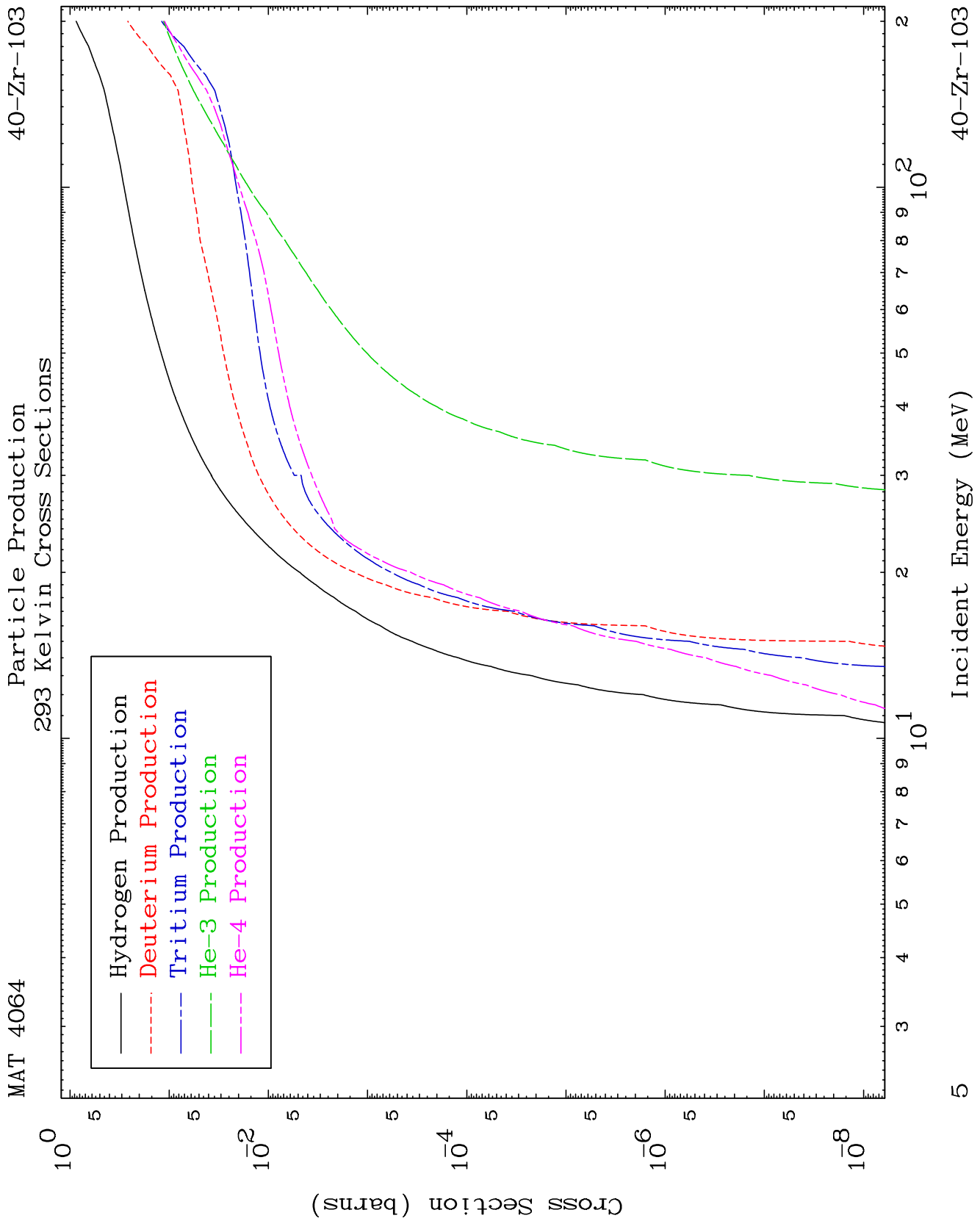


MAT 4064

Charged Particle
293 Kelvin Cross Sections

40-Zr-103

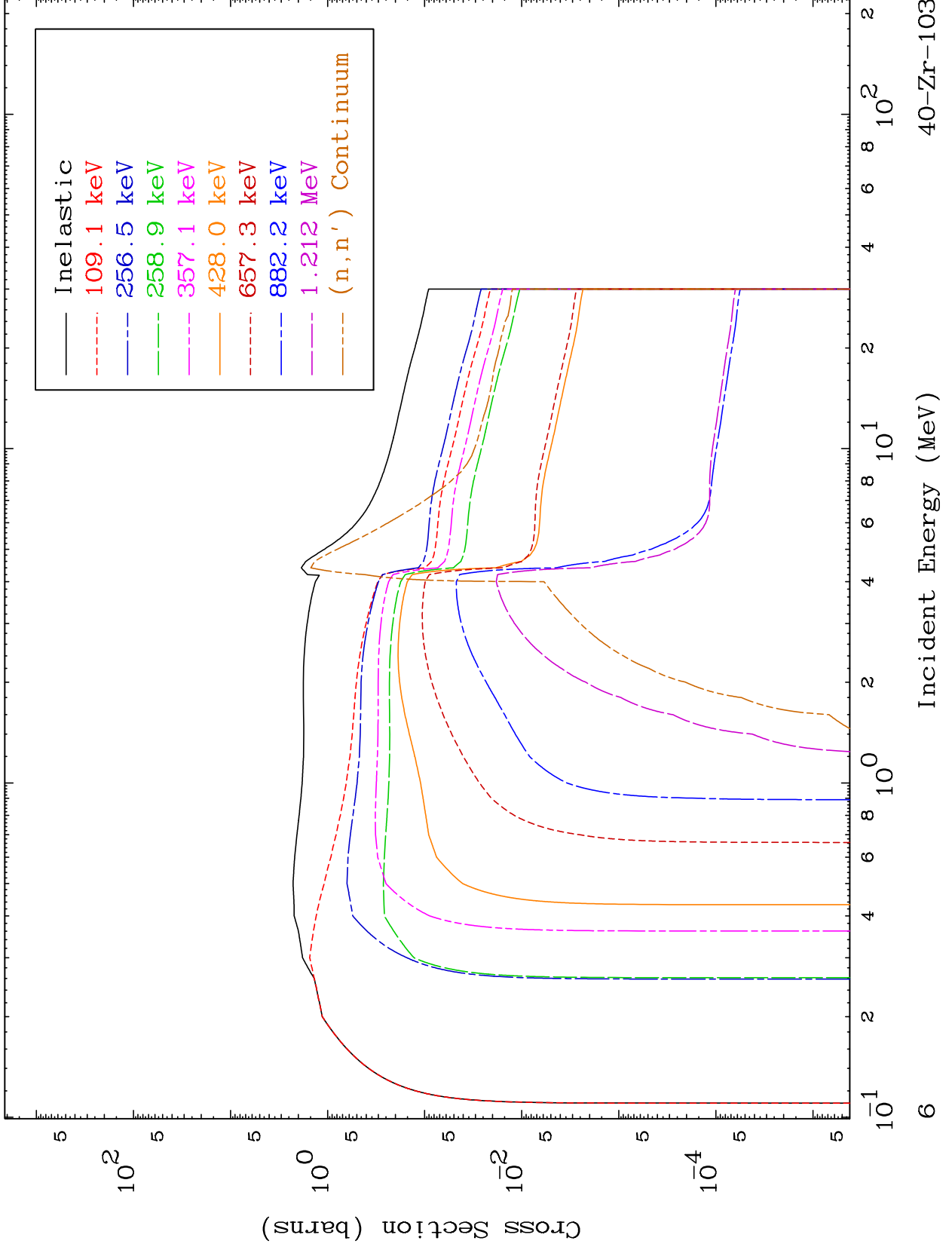


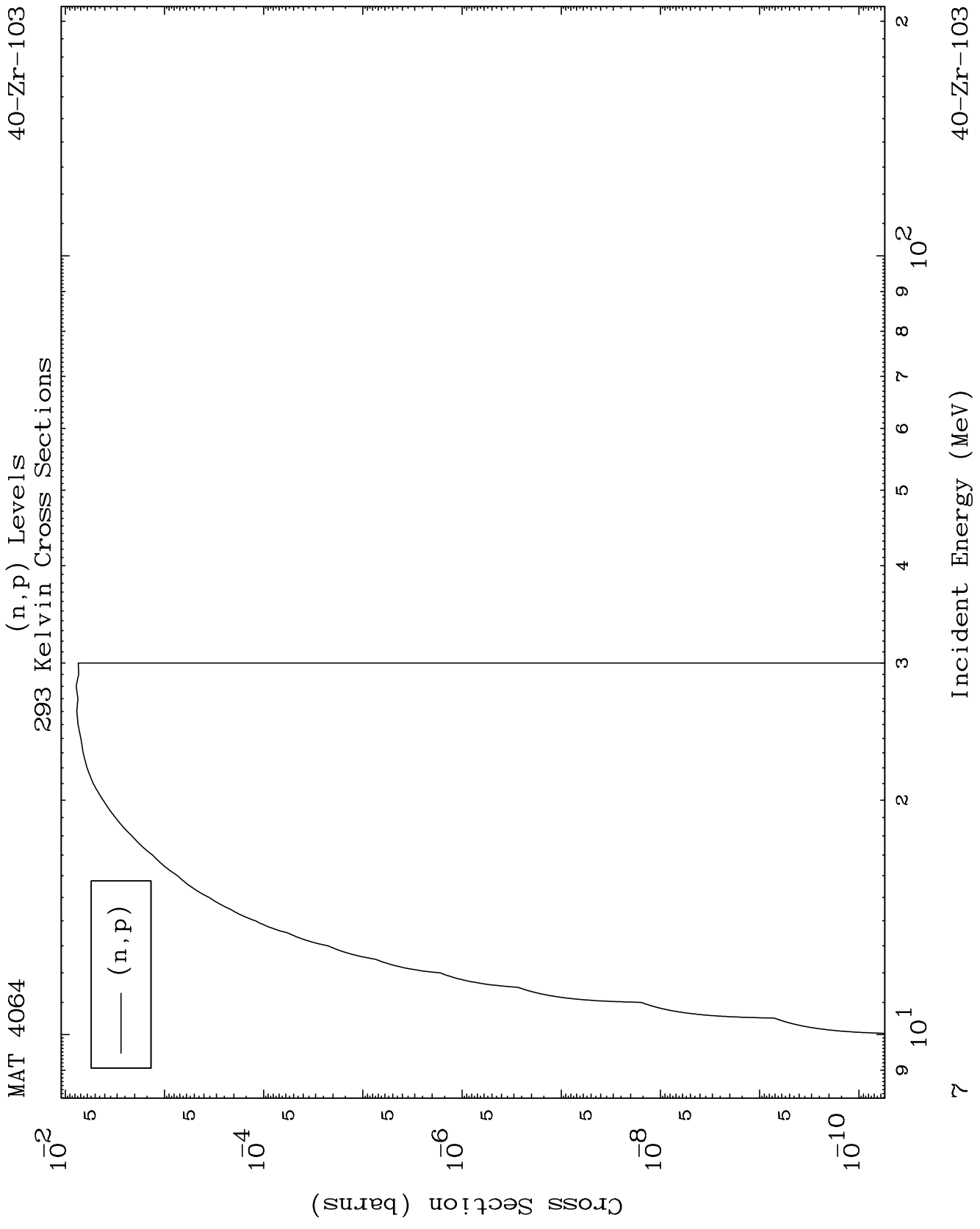


MAT 4064

(n,n') Level
293 Kelvin Cross Sections

40-Zr-103

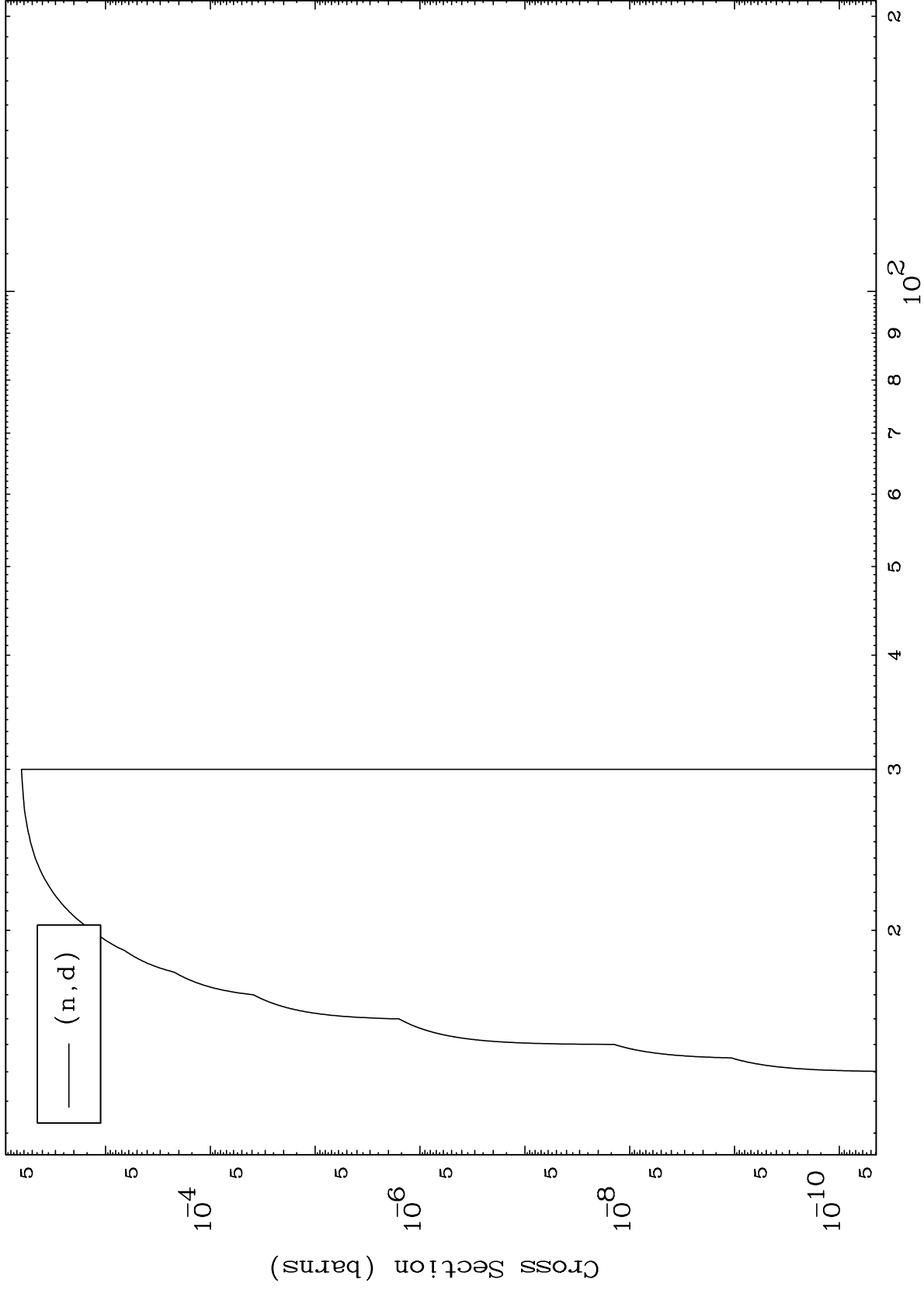




MAT 4064

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-103



8

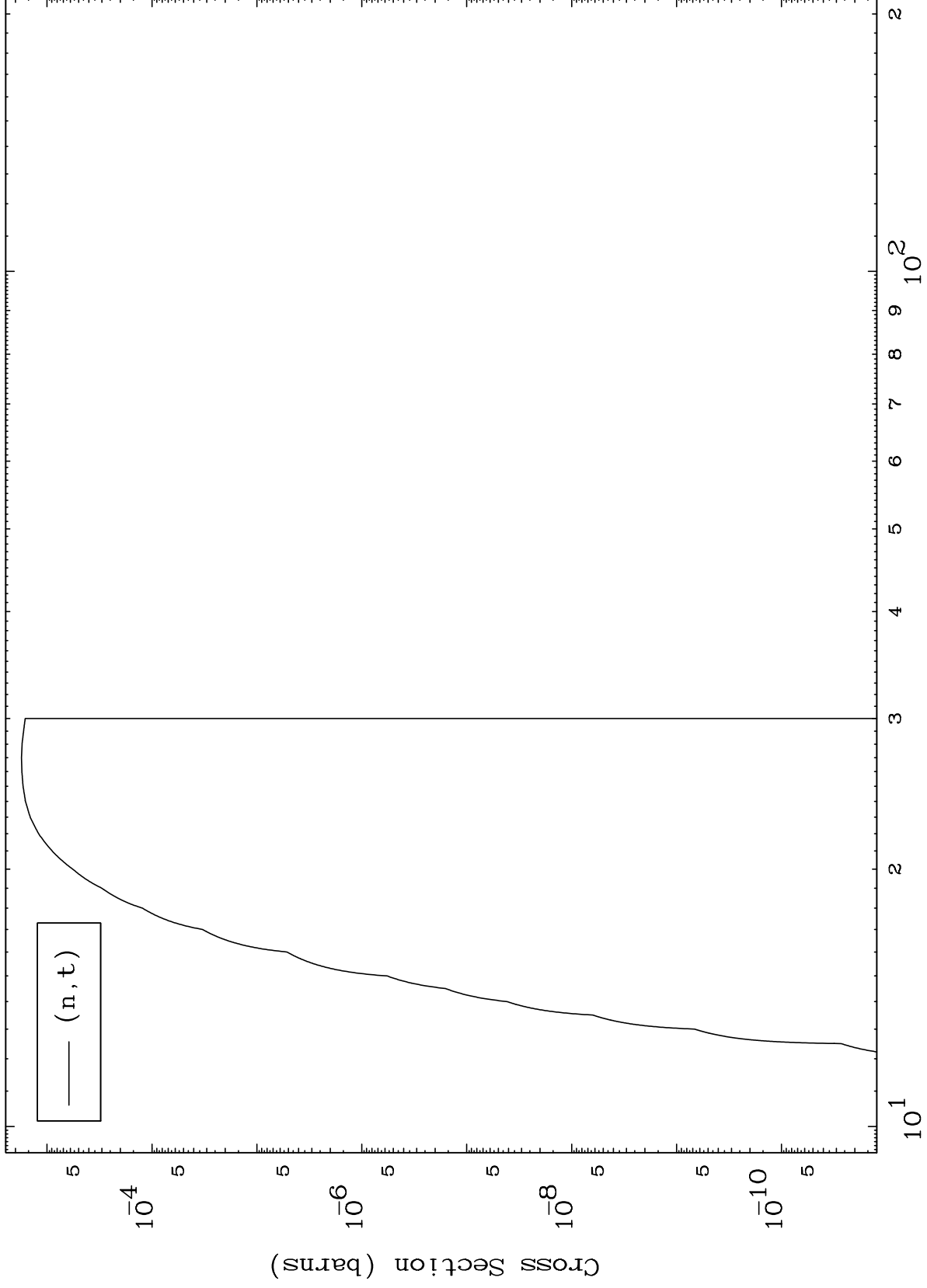
Incident Energy (MeV)

40-Zr-103

MAT 4064

(n,t) Levels
293 Kelvin Cross Sections

40-Zr-103



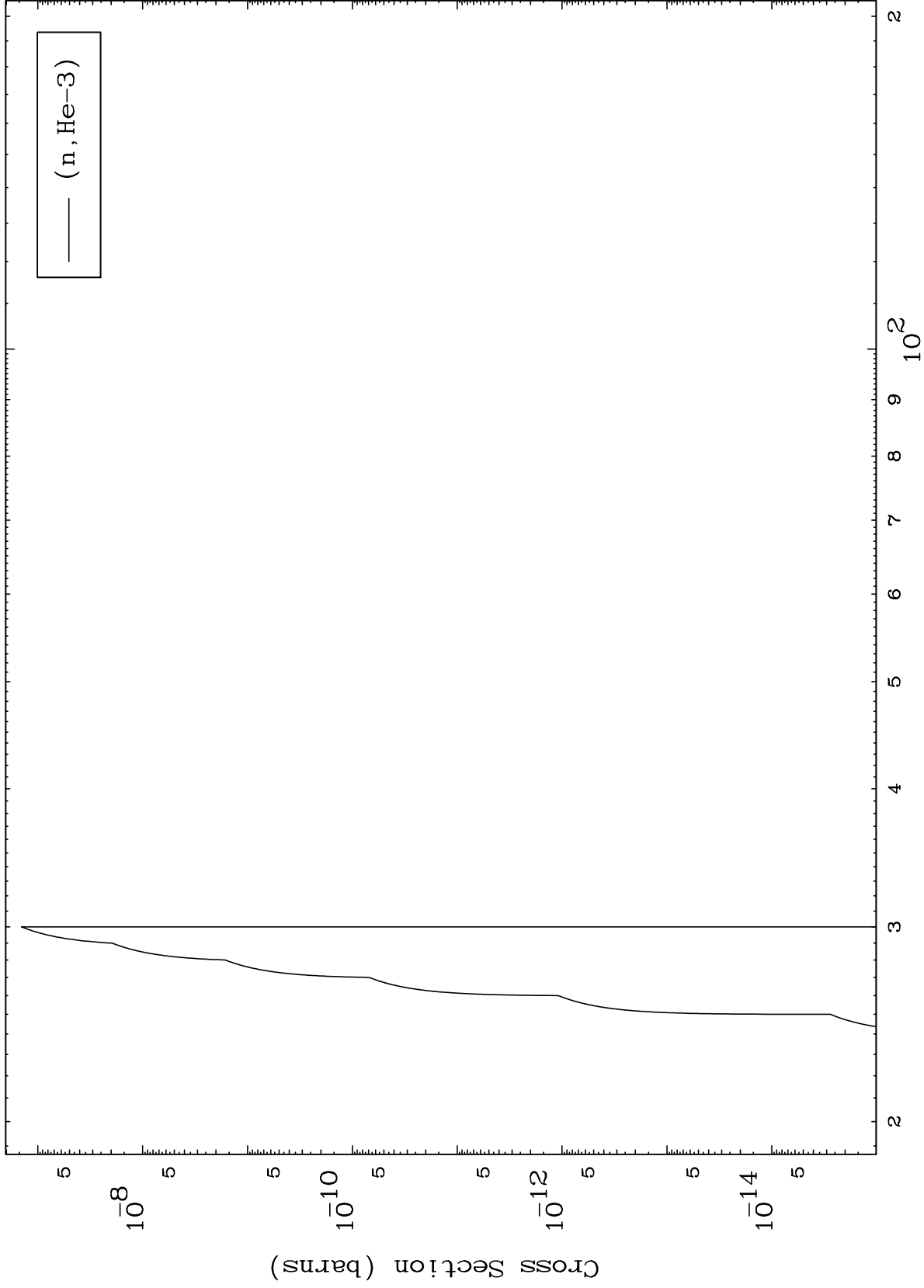
Incident Energy (MeV)

40-Zr-103

MAT 4064

(n,He3) Levels
293 Kelvin Cross Sections

40-Zr-103



10

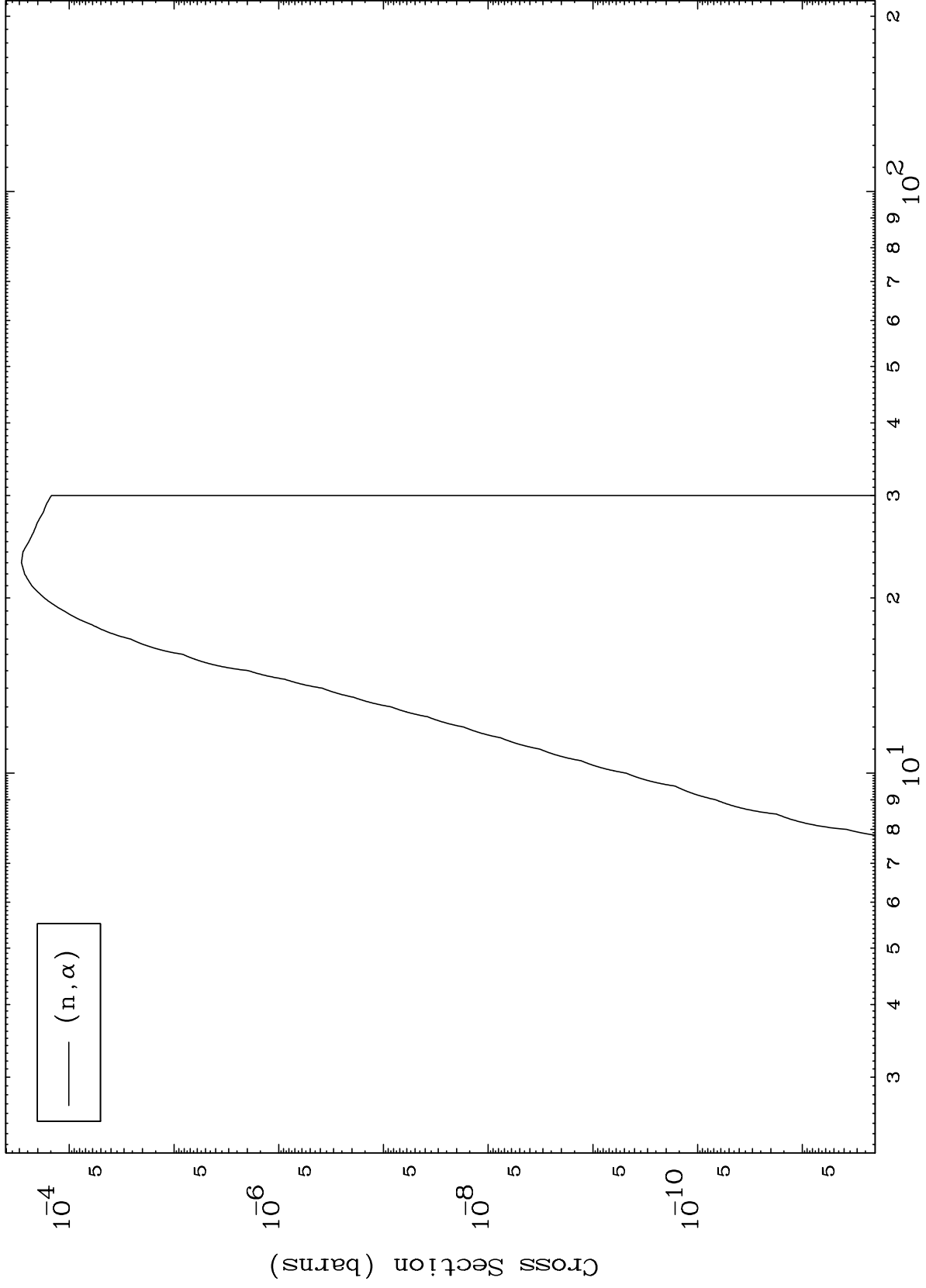
Incident Energy (MeV)

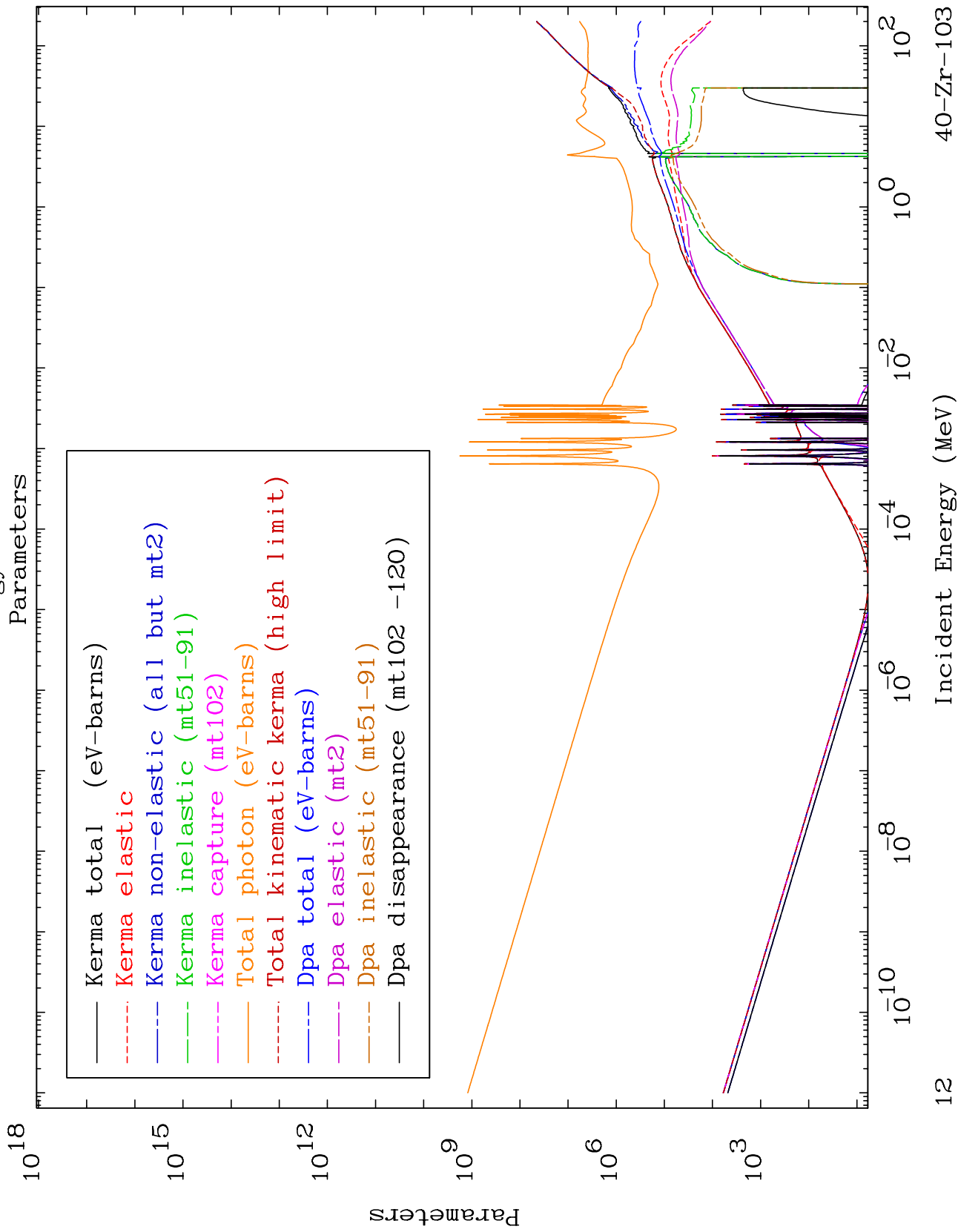
40-Zr-103

MAT 4064

(n, α) Levels
293 Kelvin Cross Sections

40-Zr-103

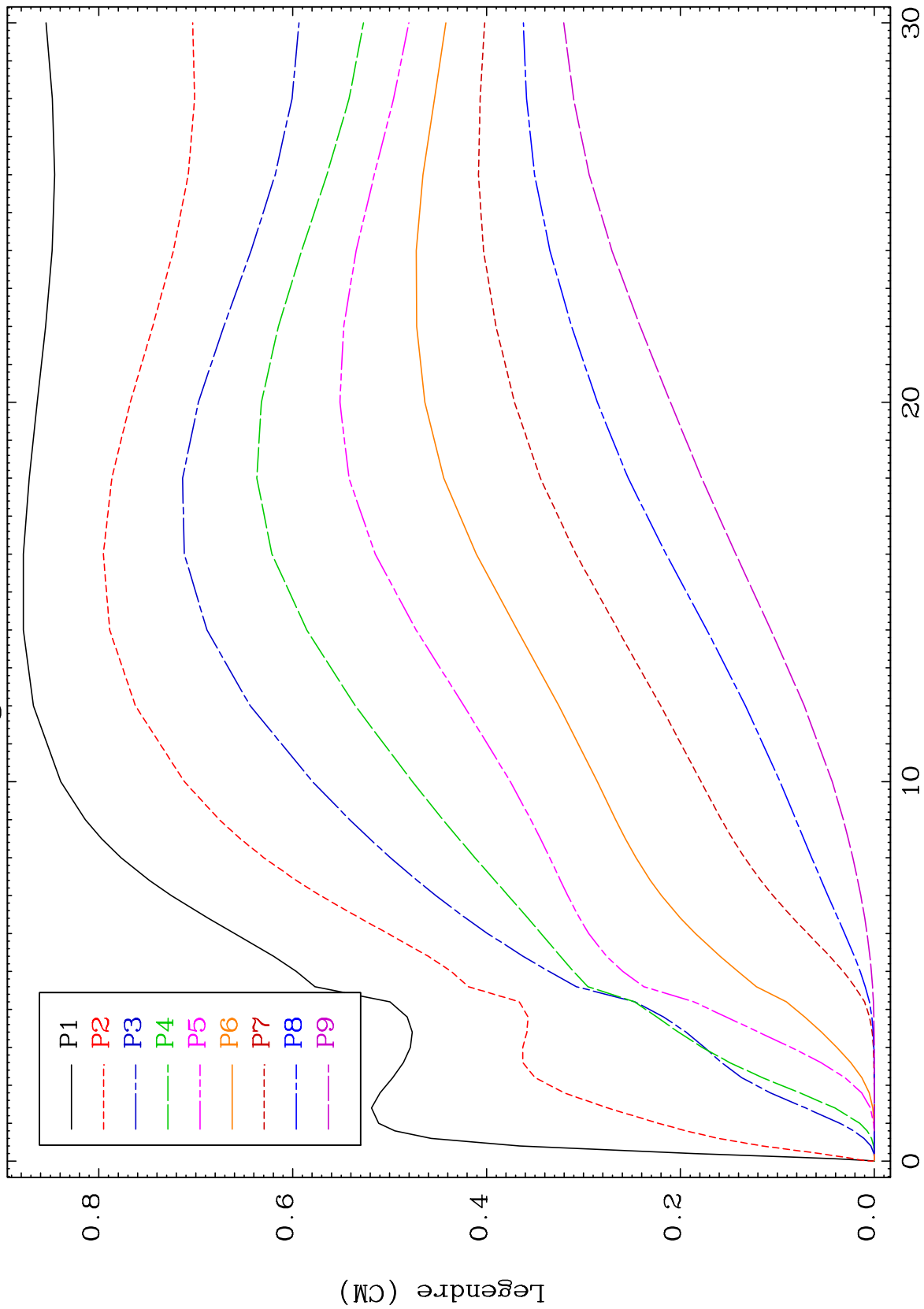




MAT 4064

Elastic Legendre Coefficients

40-Zr-103



13

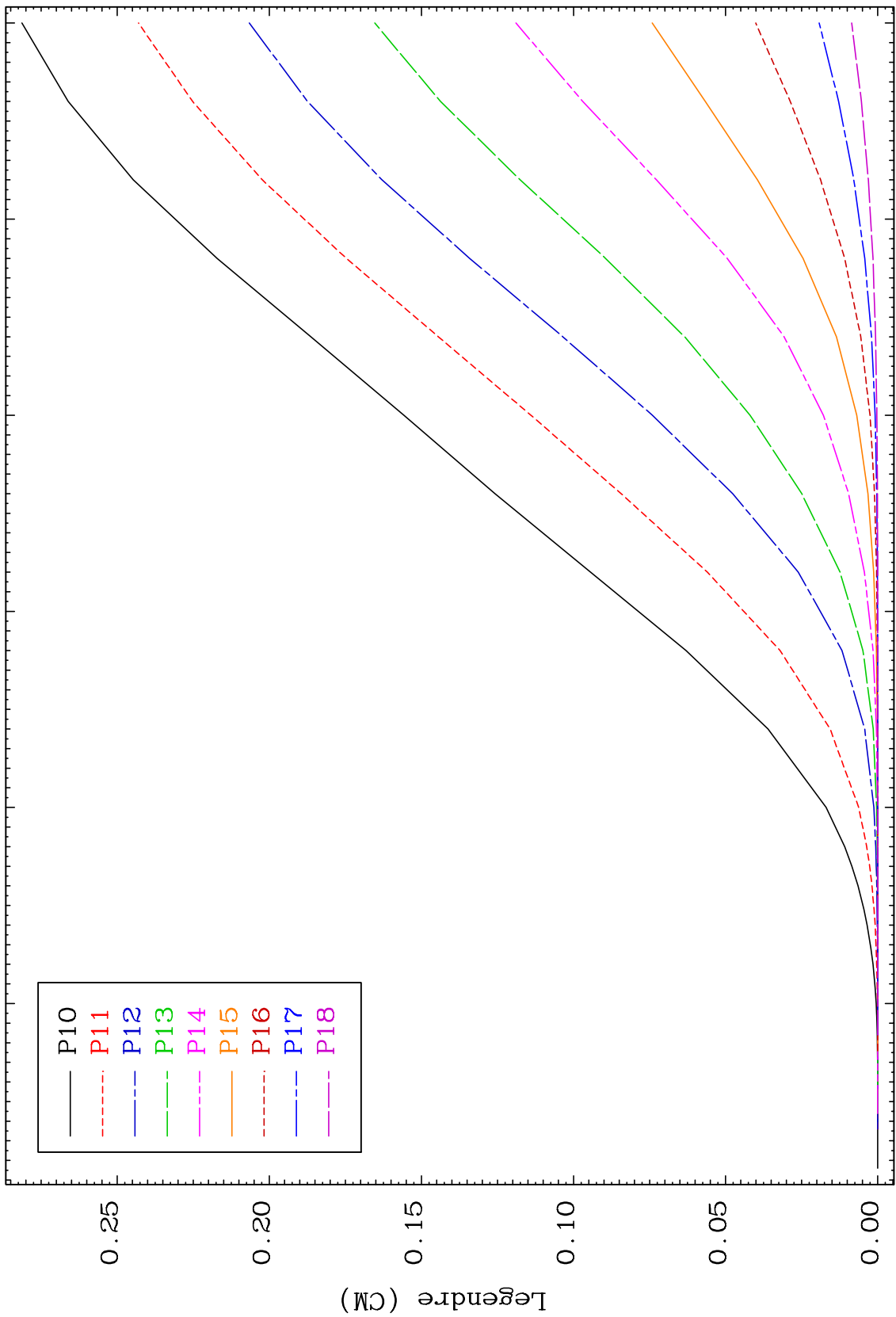
Incident Energy (MeV)

40-Zr-103

MAT 4064

Elastic Legendre Coefficients

40-Zr-103



14

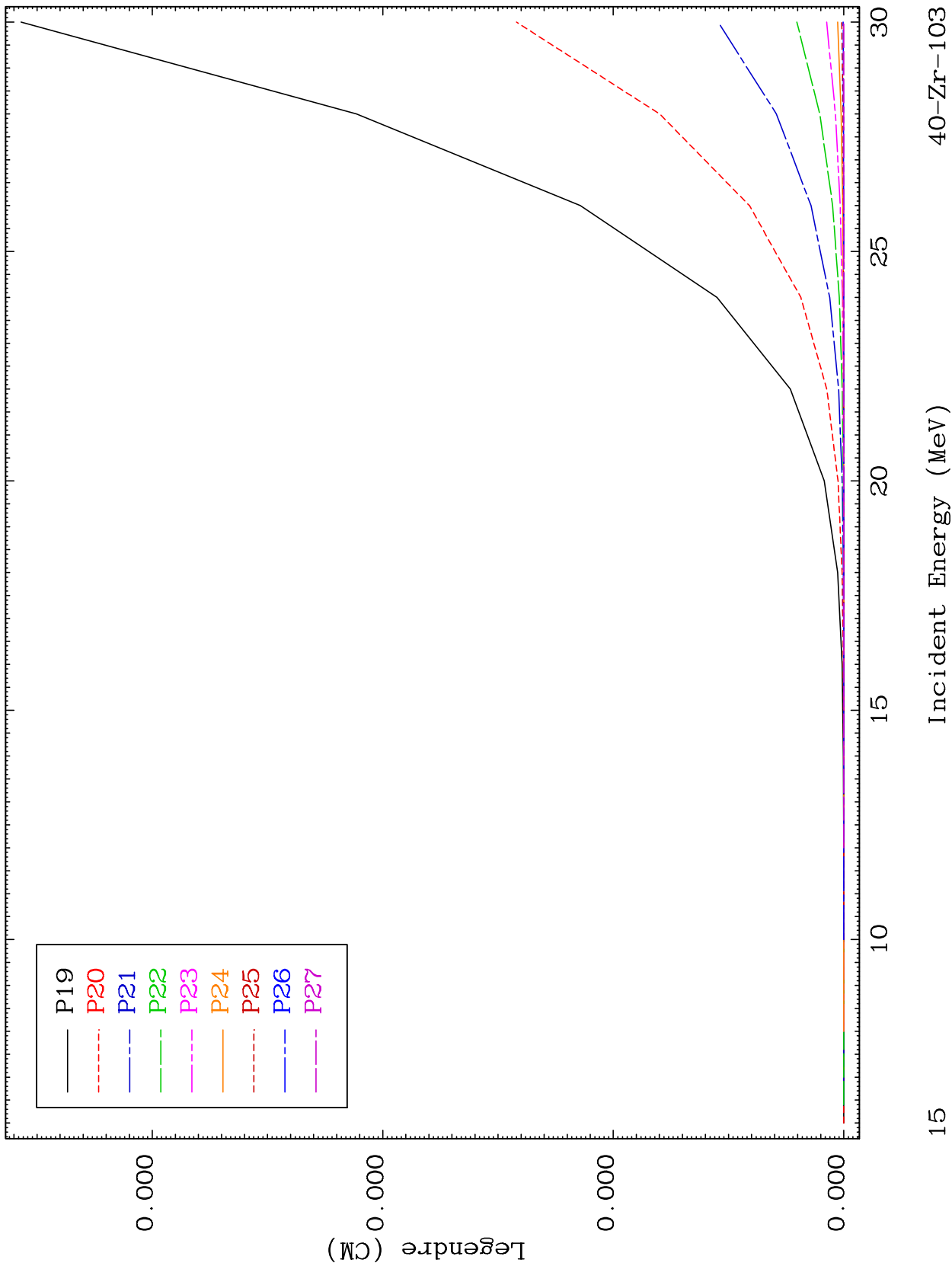
40-Zr-103

Incident Energy (MeV)

MAT 4064

Elastic
Legendre Coefficients

40-Zr-103



15

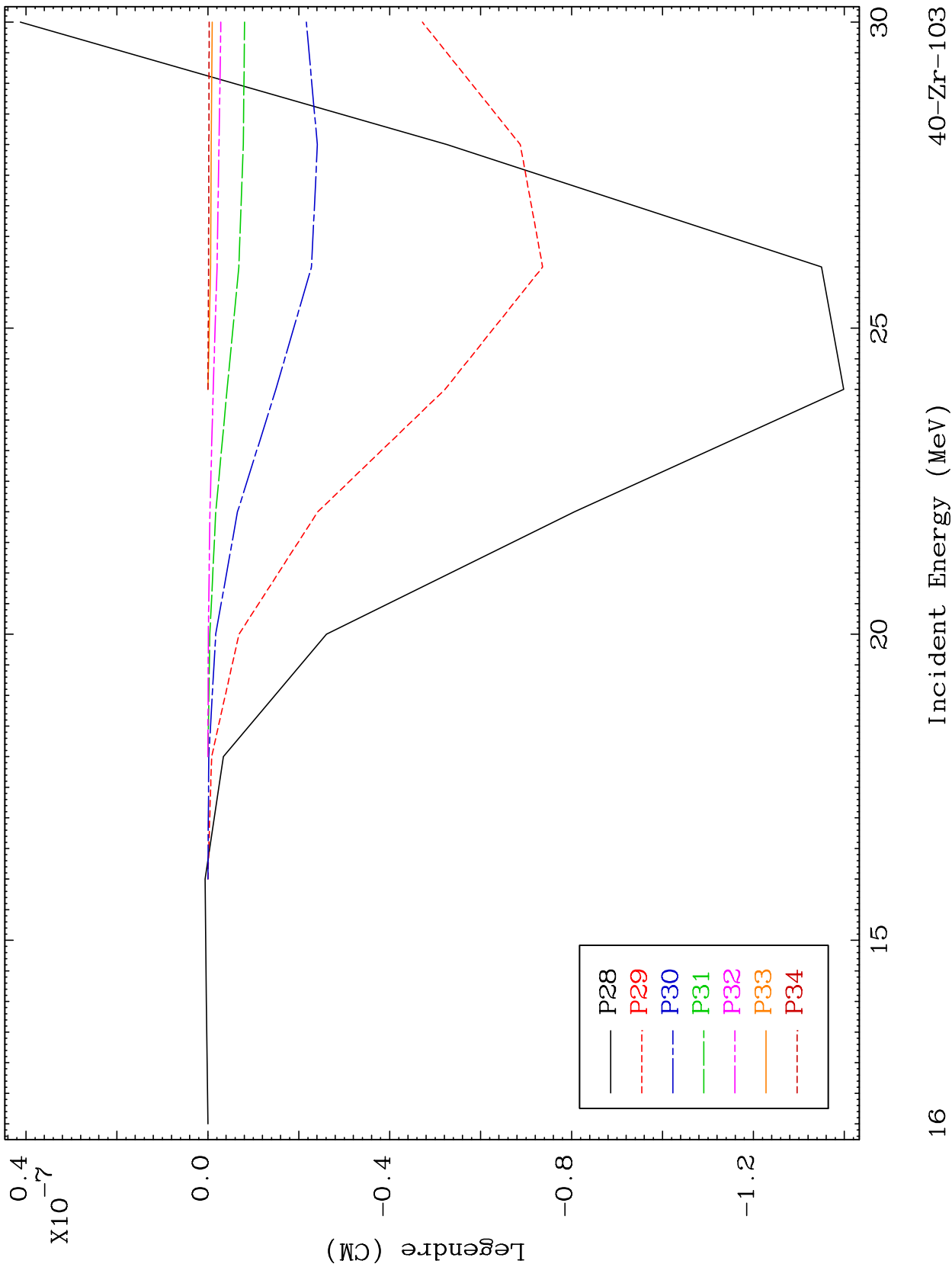
Incident Energy (MeV)

40-Zr-103

MAT 4064

Elastic Legendre Coefficients

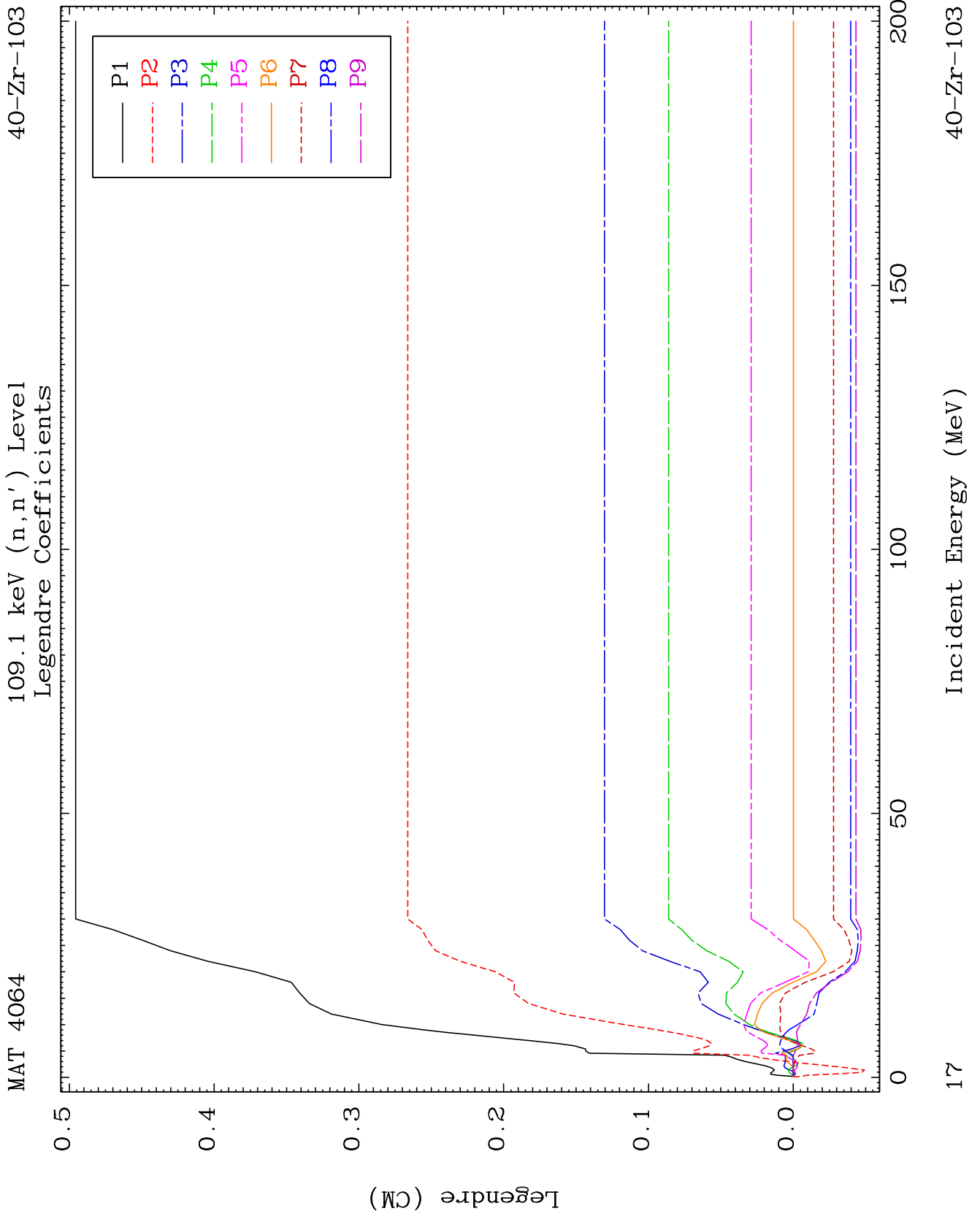
40-Zr-103

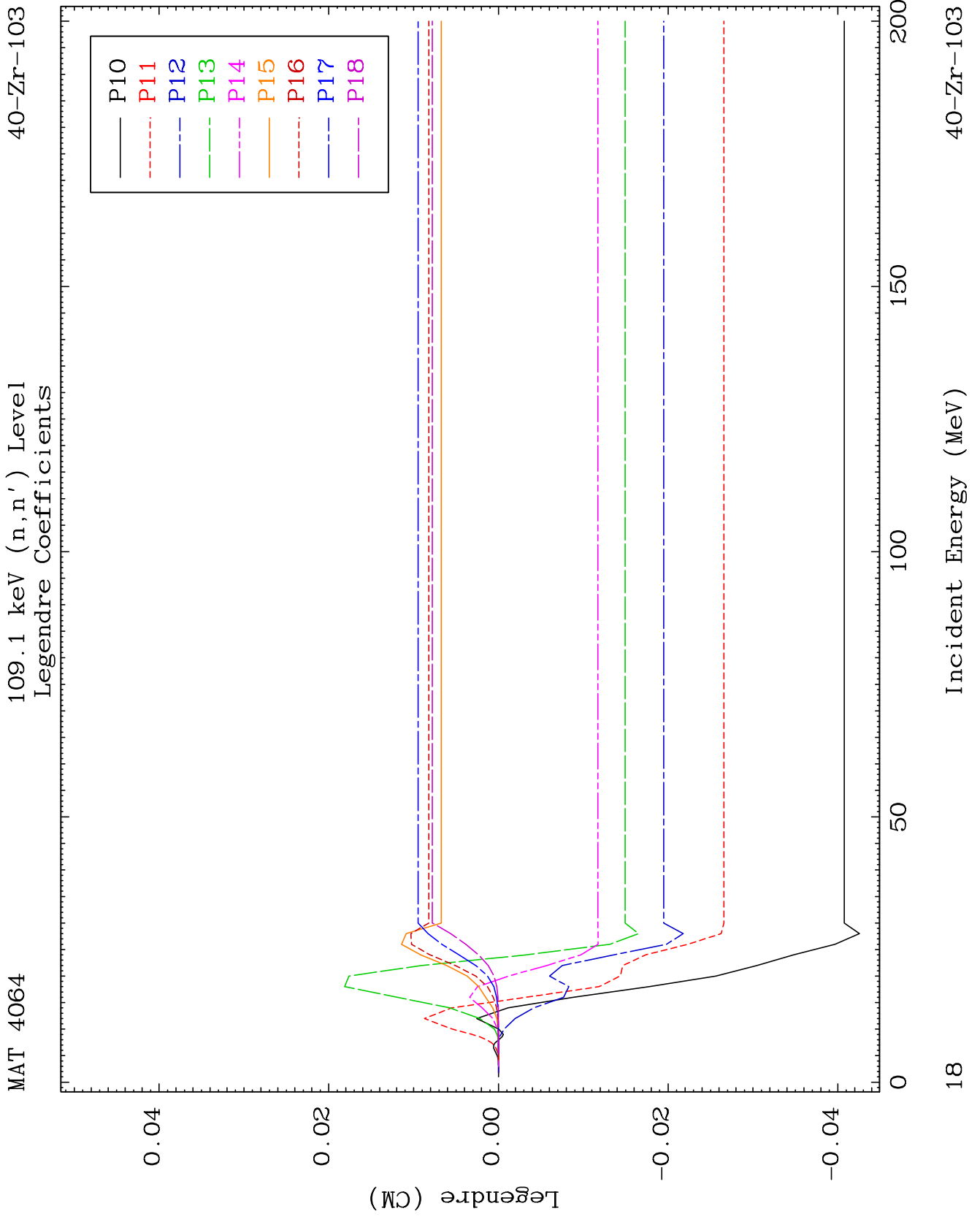


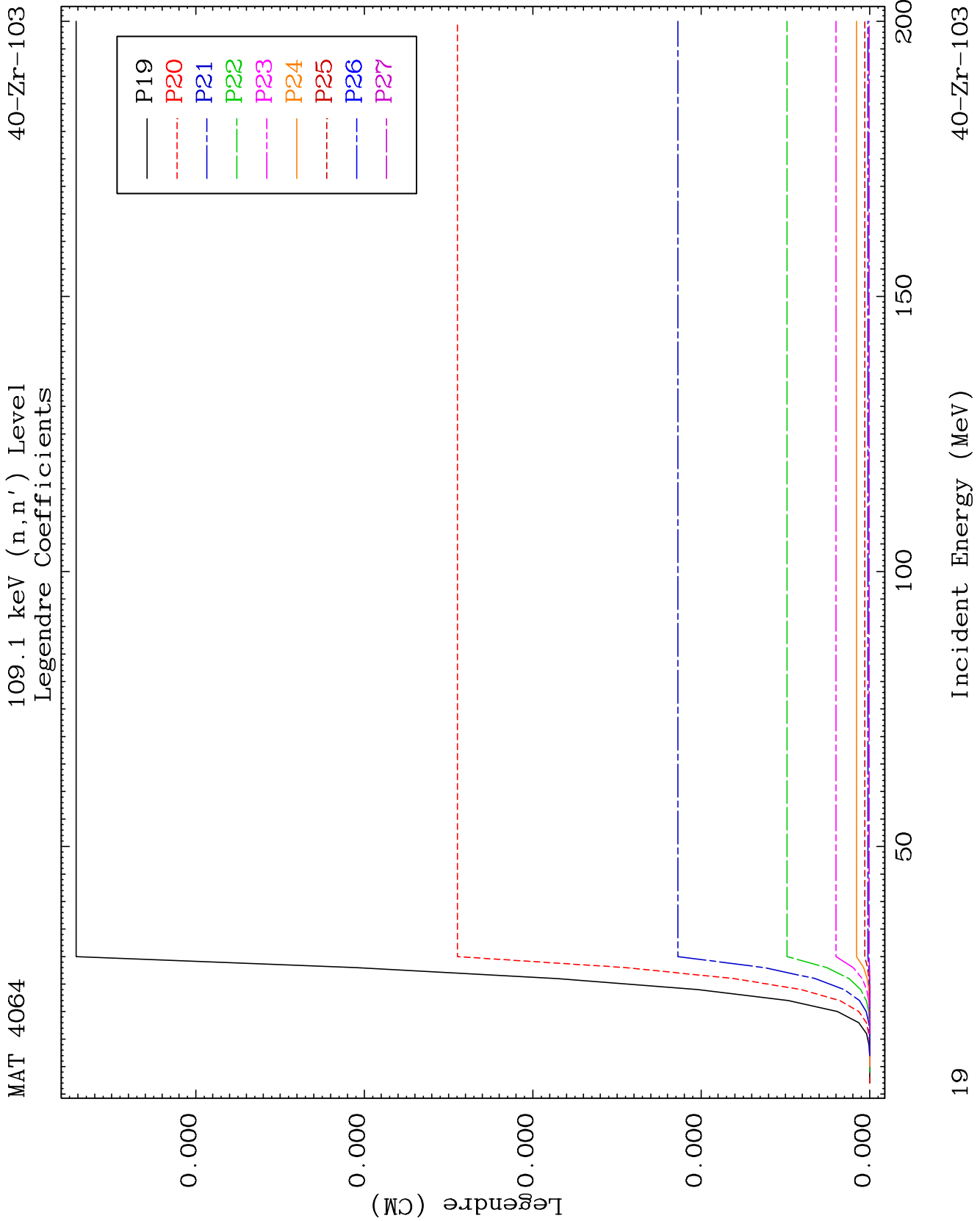
16

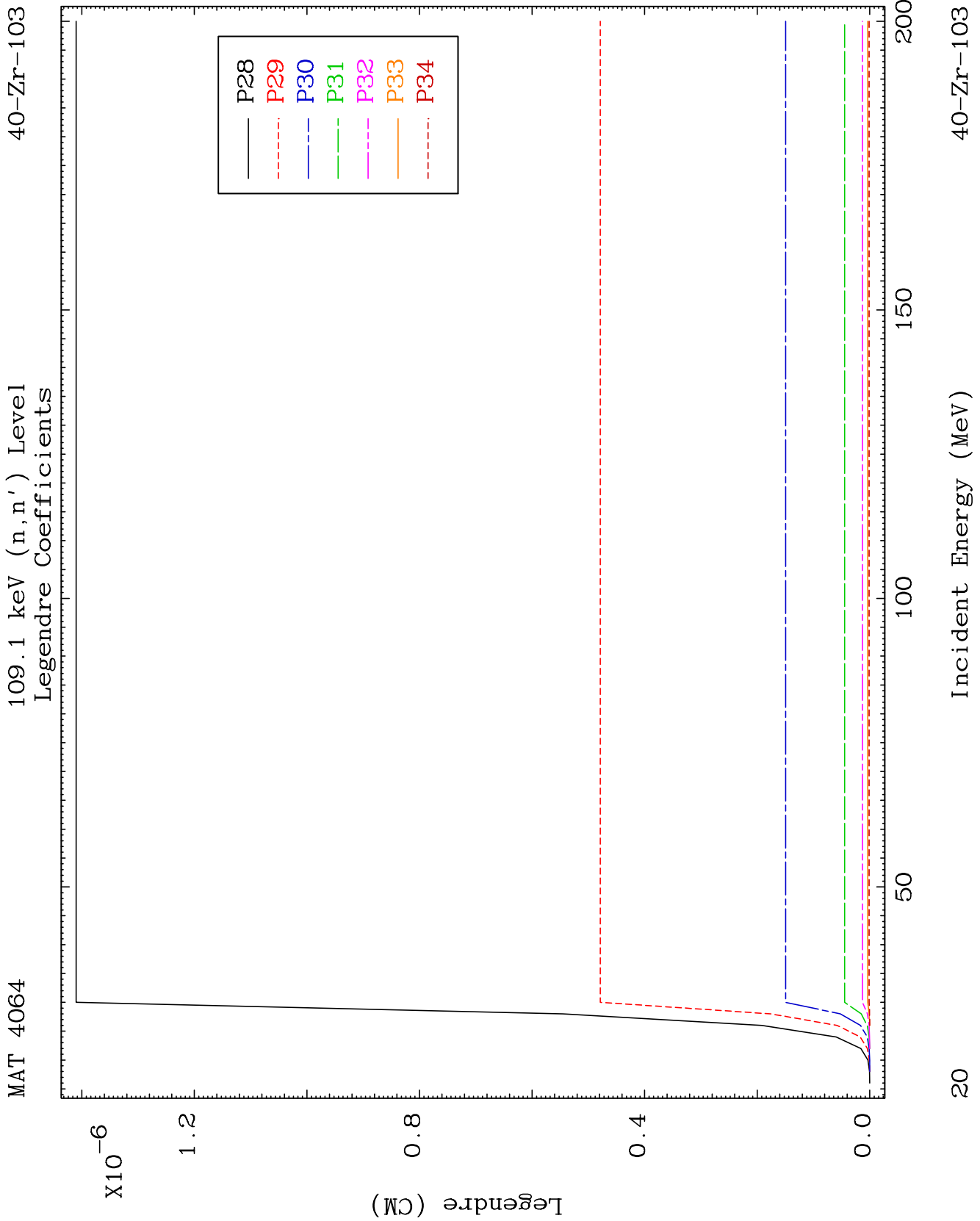
Incident Energy (MeV)

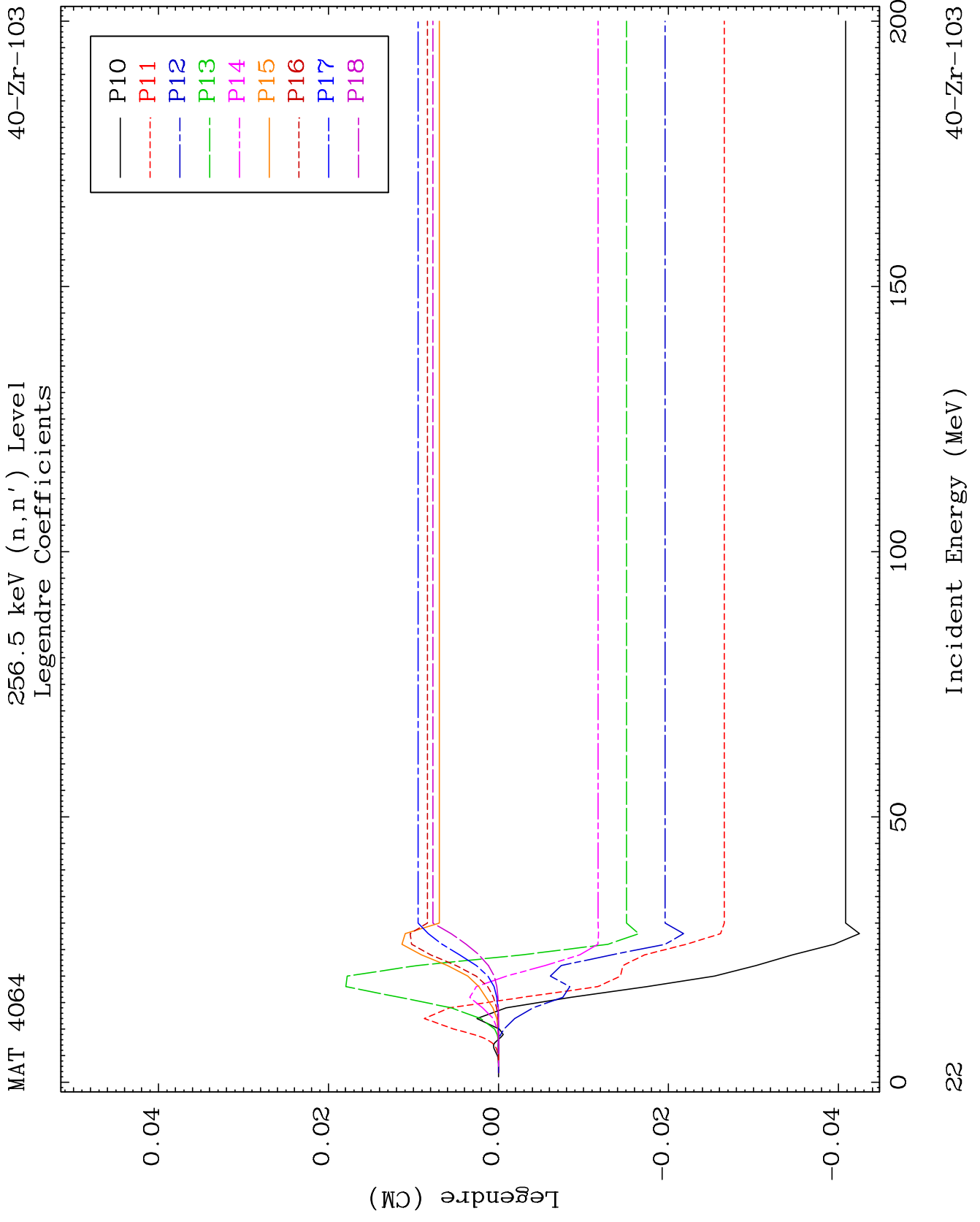
40-Zr-103

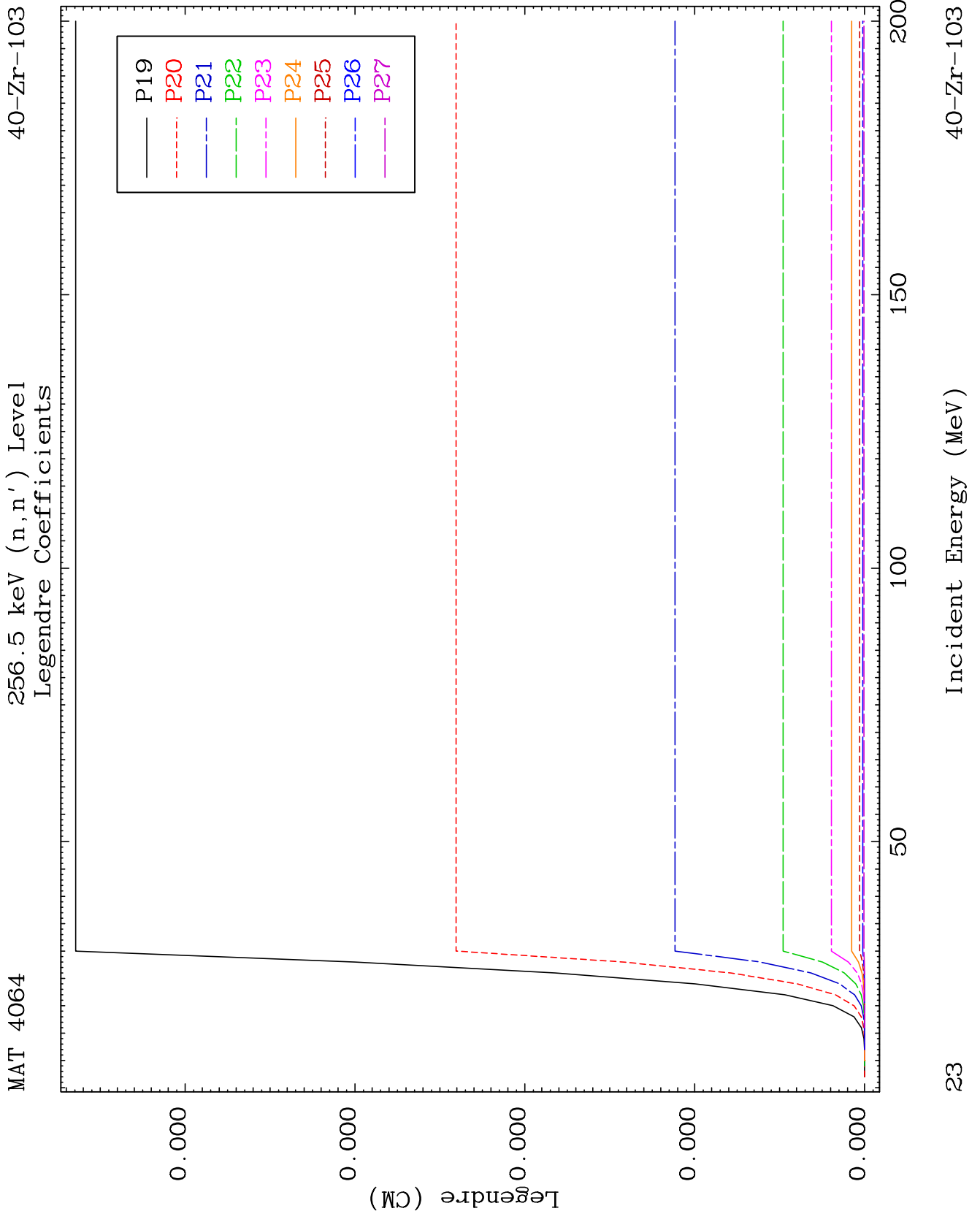


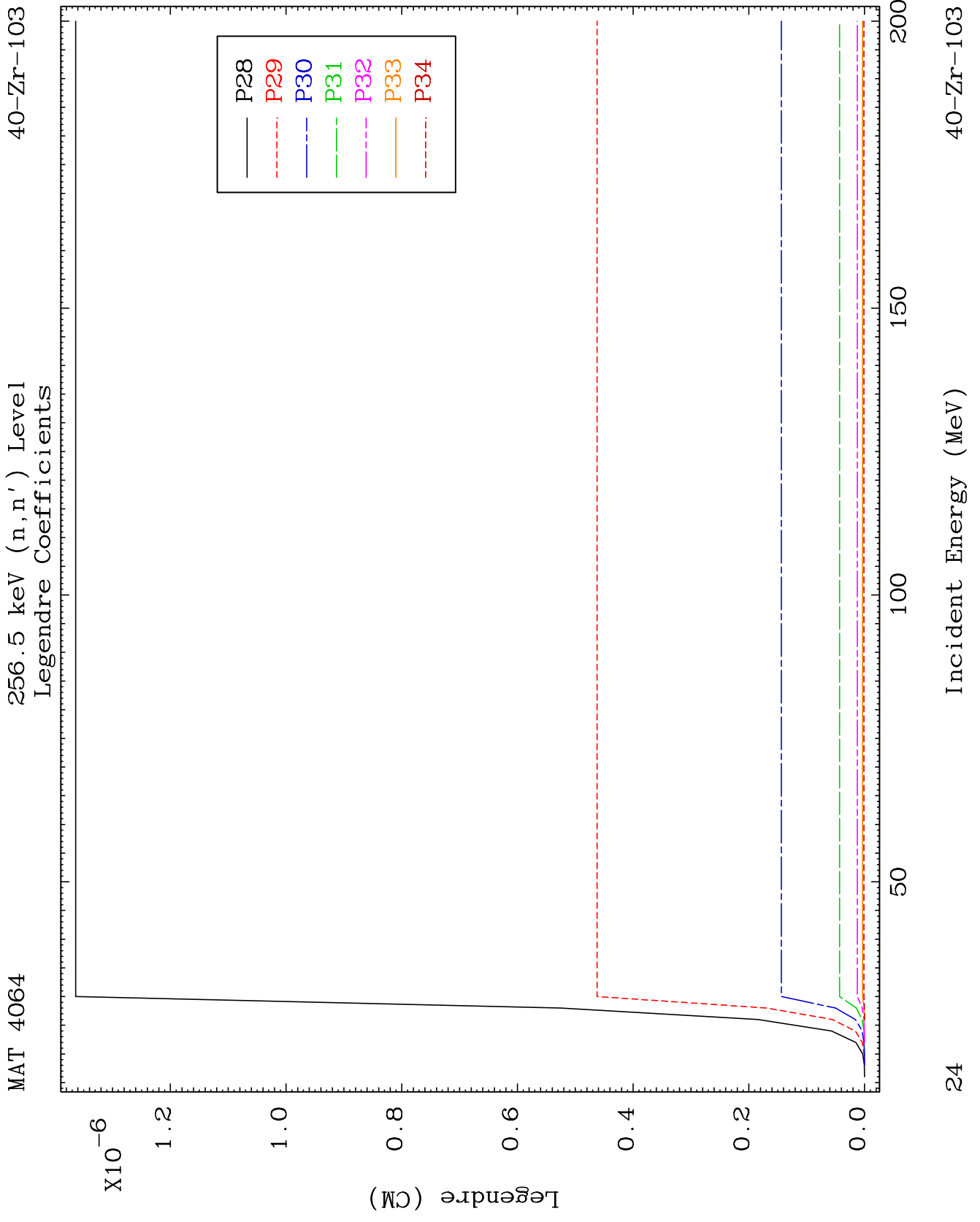


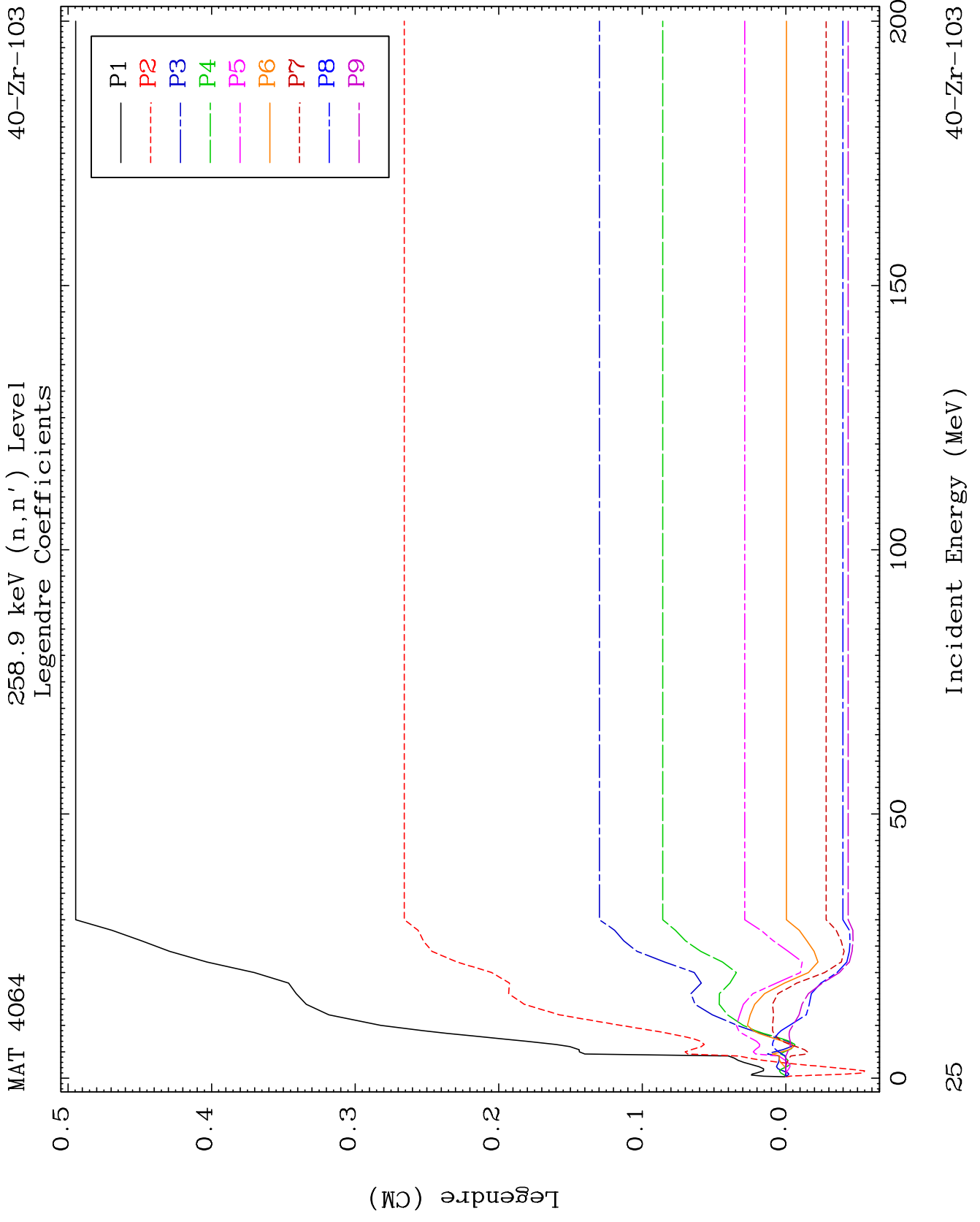


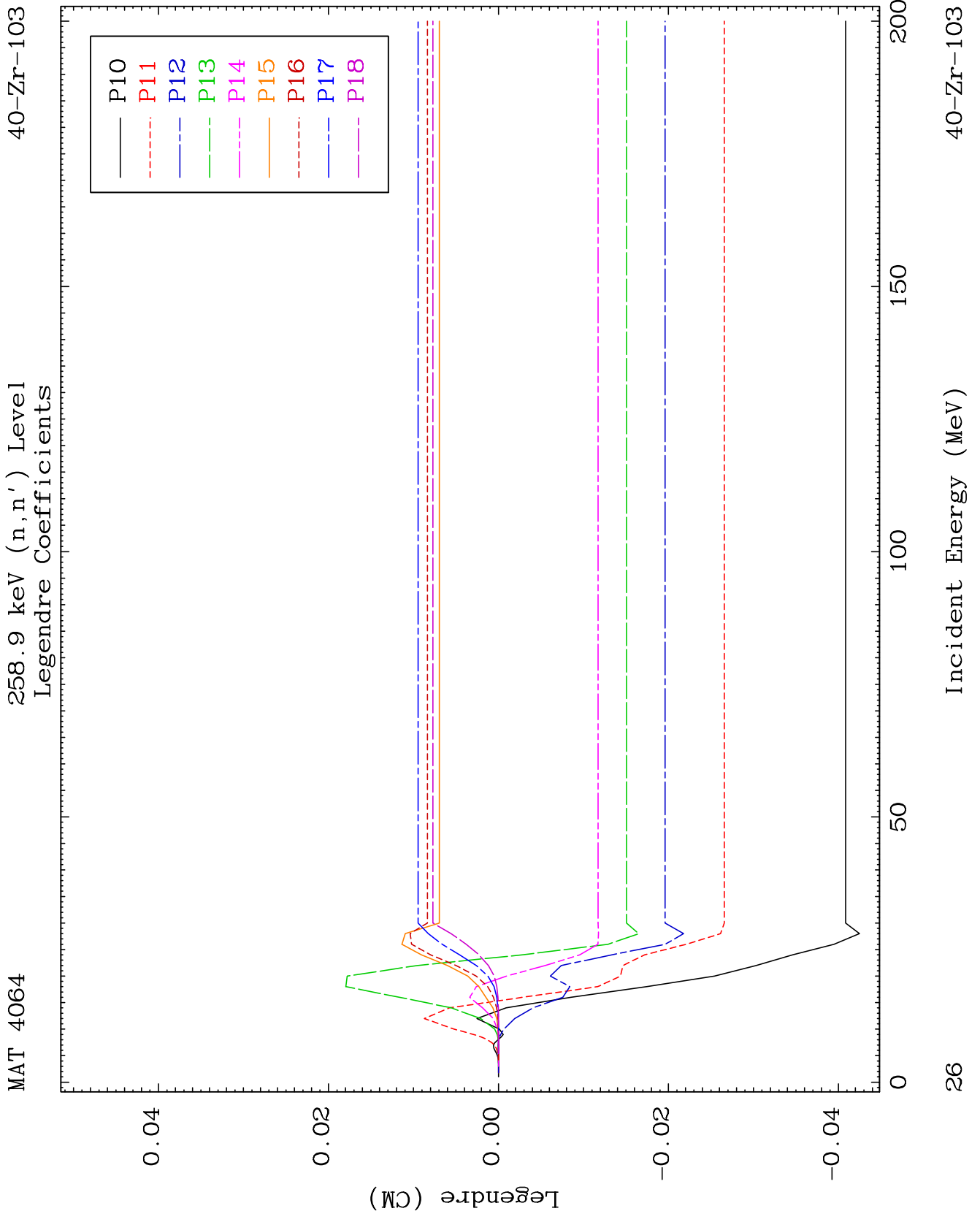








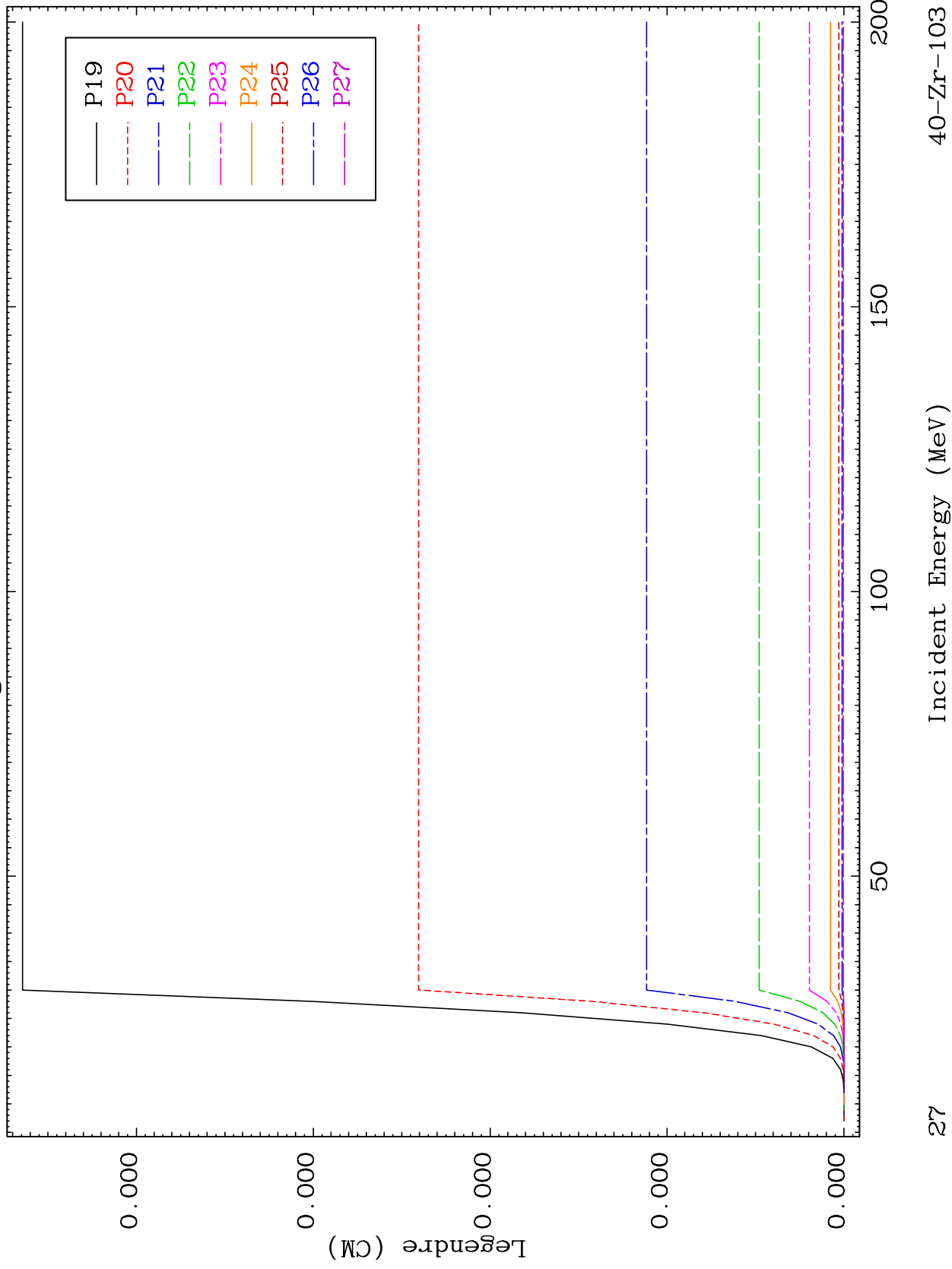




MAT 4064

258.9 keV (n, n') Level
Legendre Coefficients

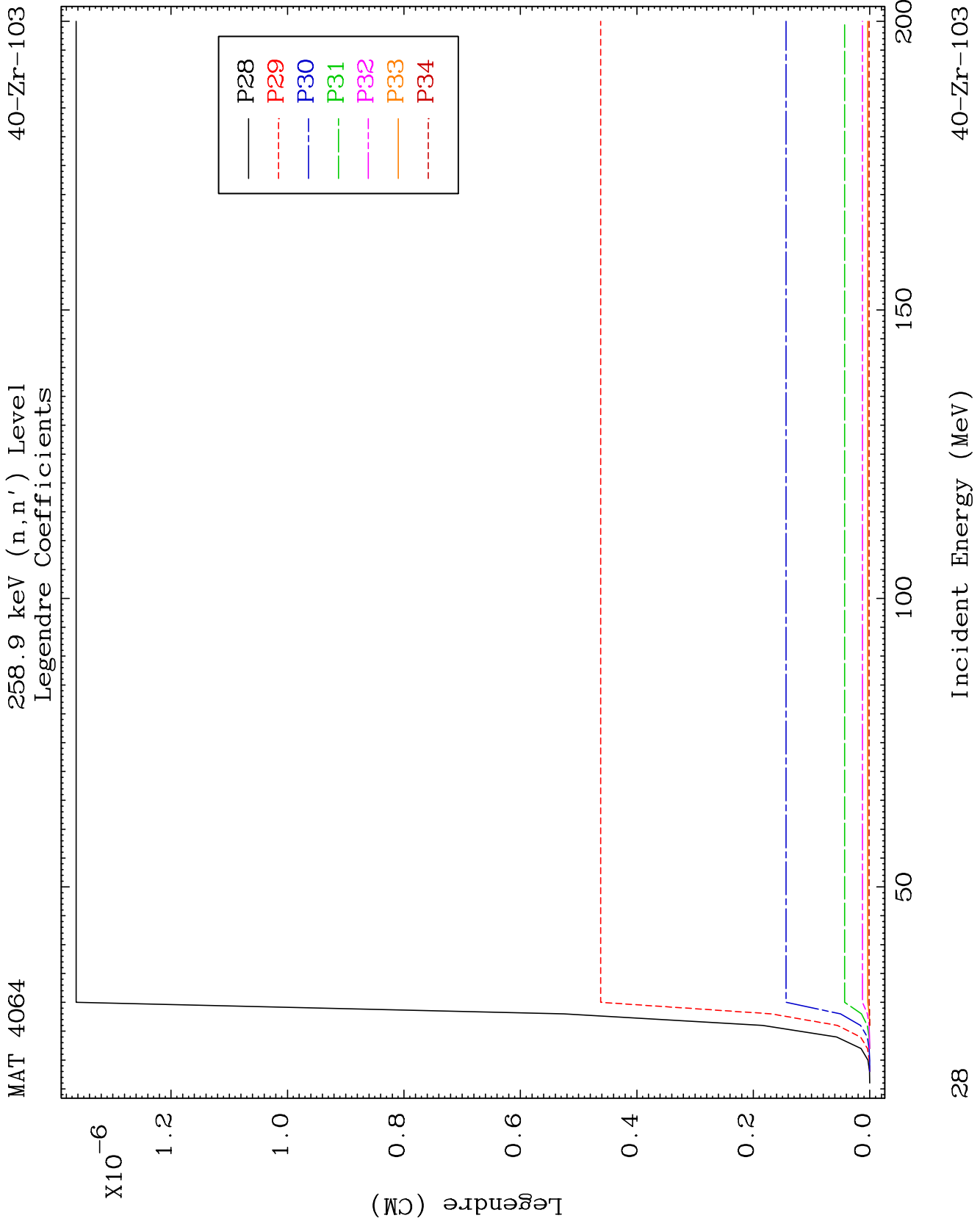
40-Zr-103

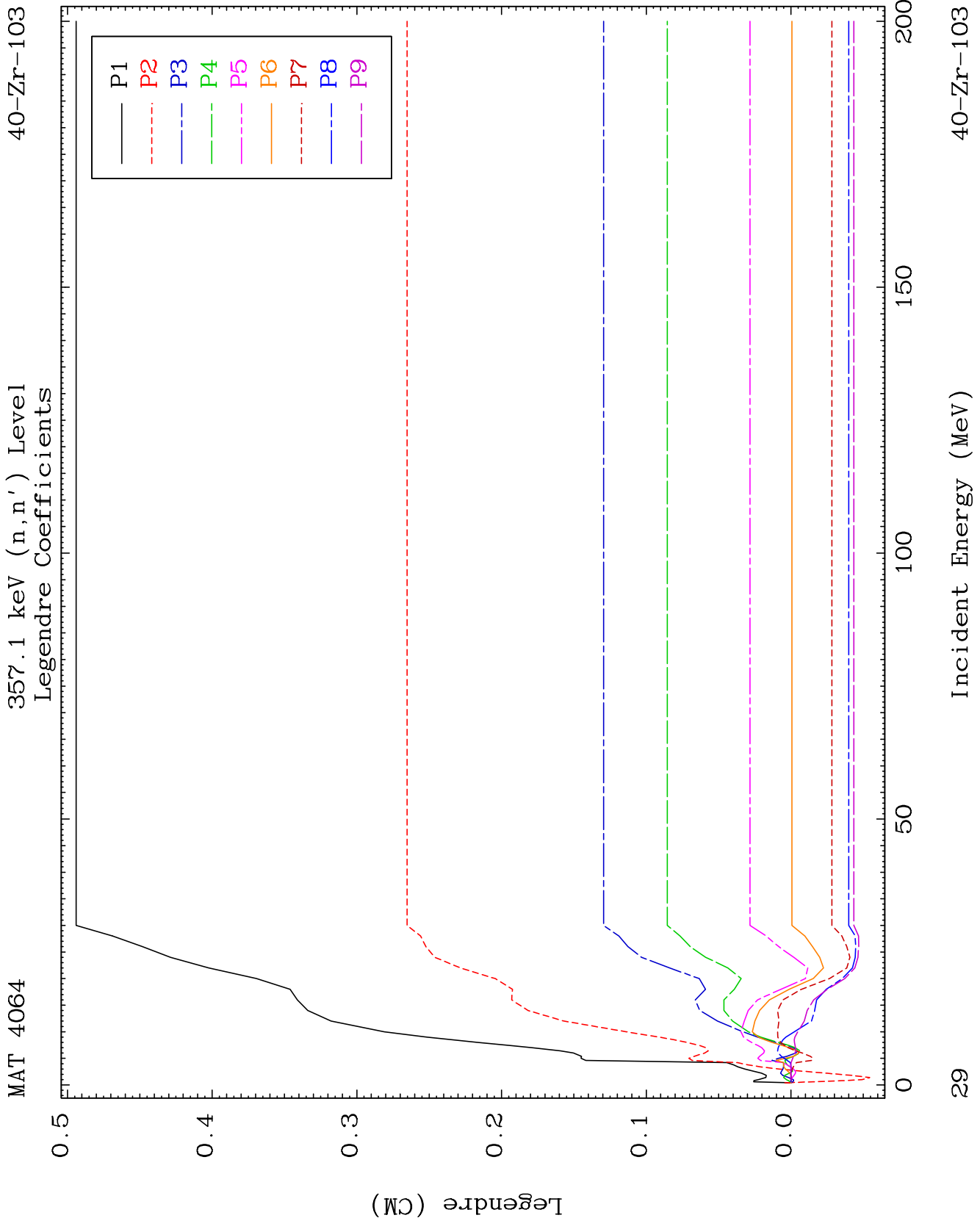


27

Incident Energy (MeV)

40-Zr-103

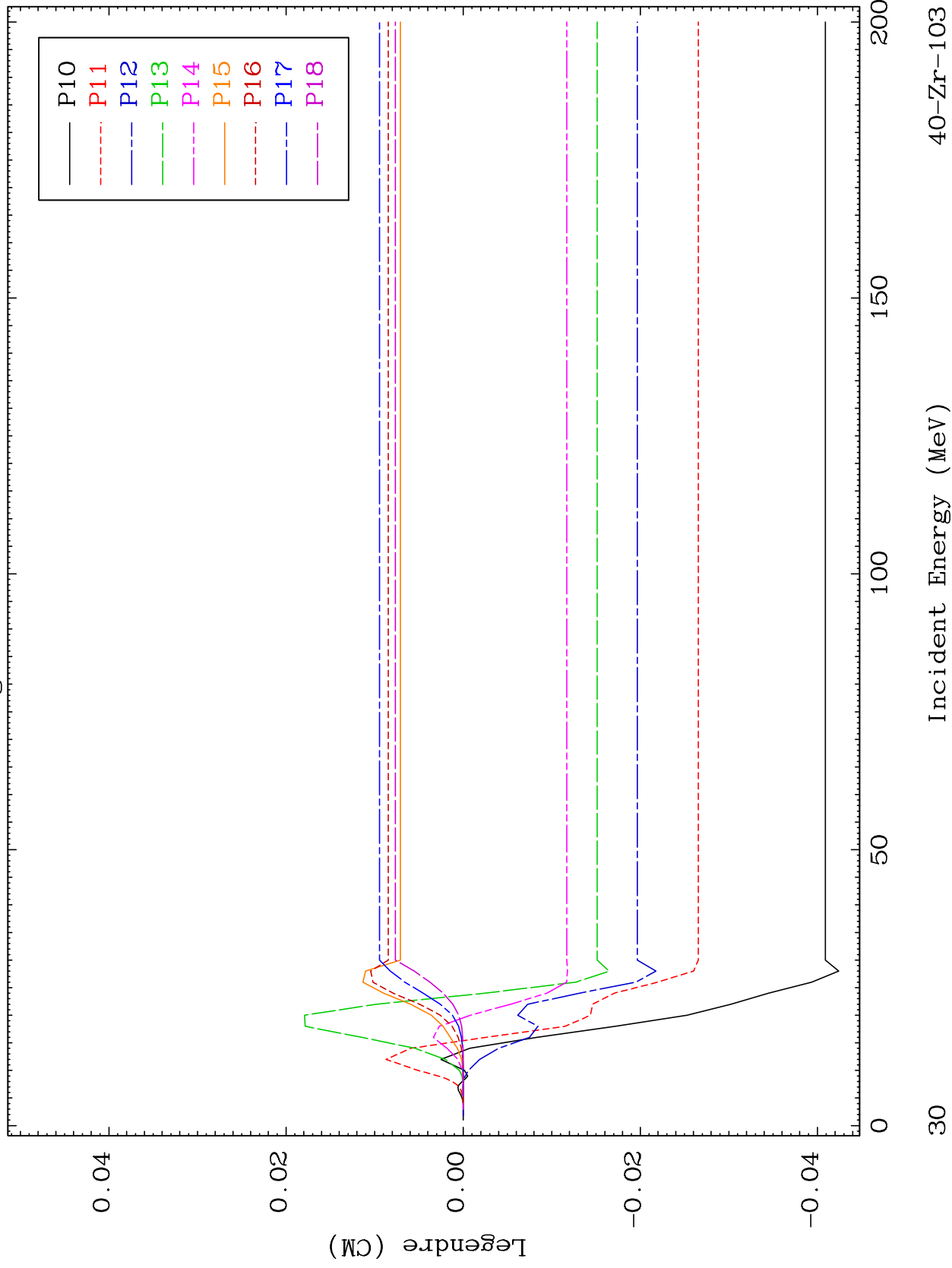




MAT 4064

357.1 keV (n,n') Level
Legendre Coefficients

40-Zr-103

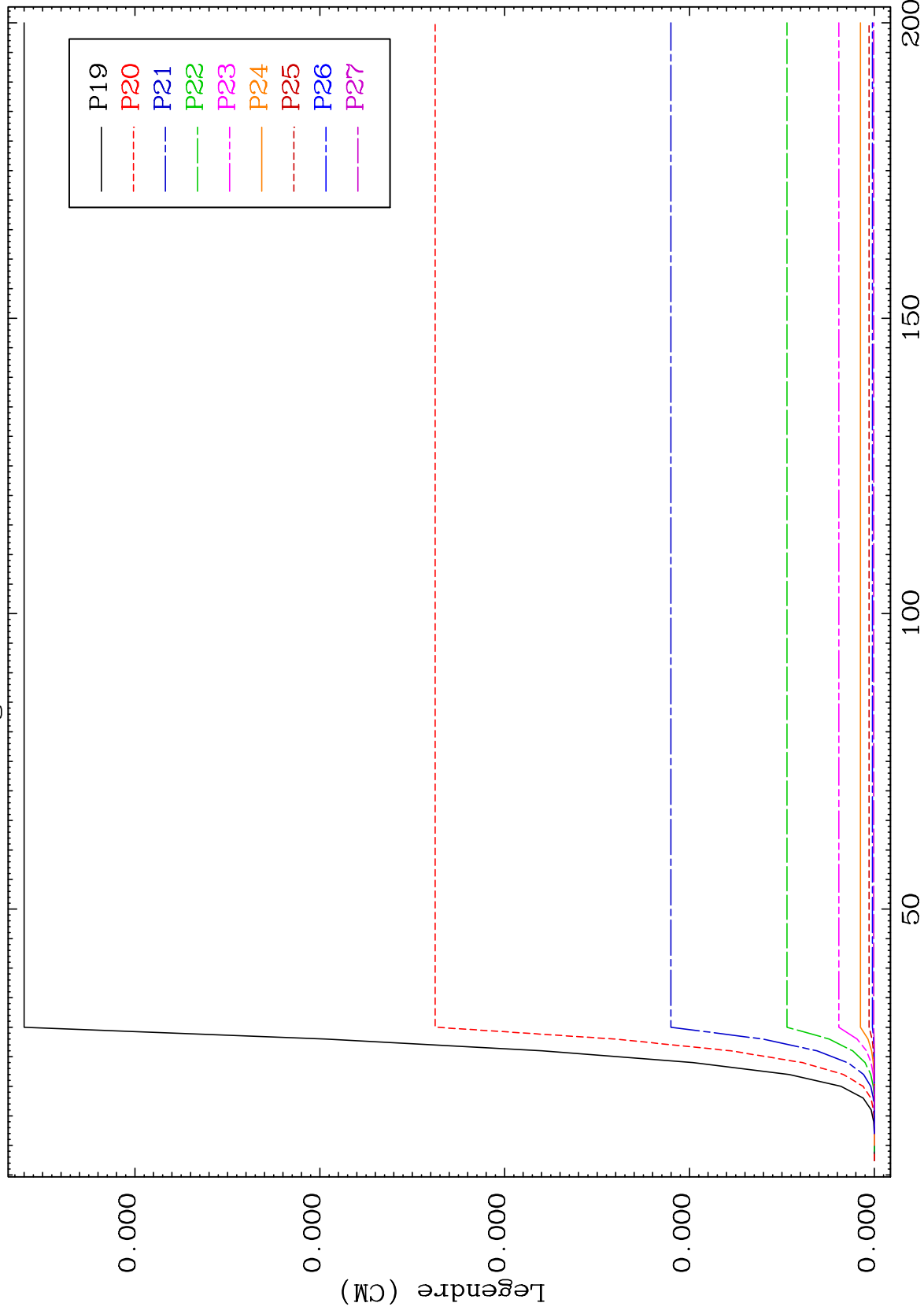


40-Zr-103

MAT 4064

357.1 keV (n,n') Level
Legendre Coefficients

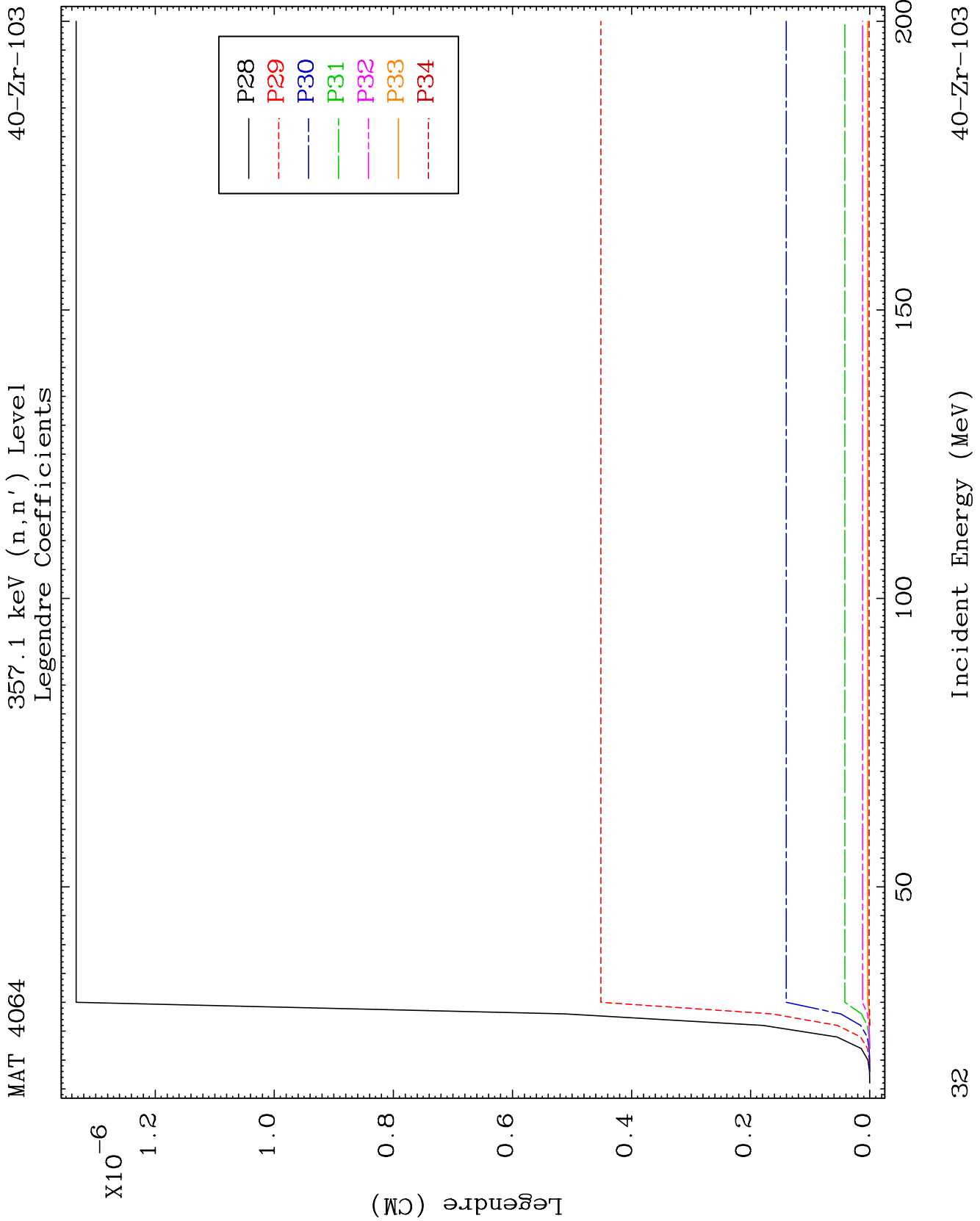
40-Zr-103



31

Incident Energy (MeV)

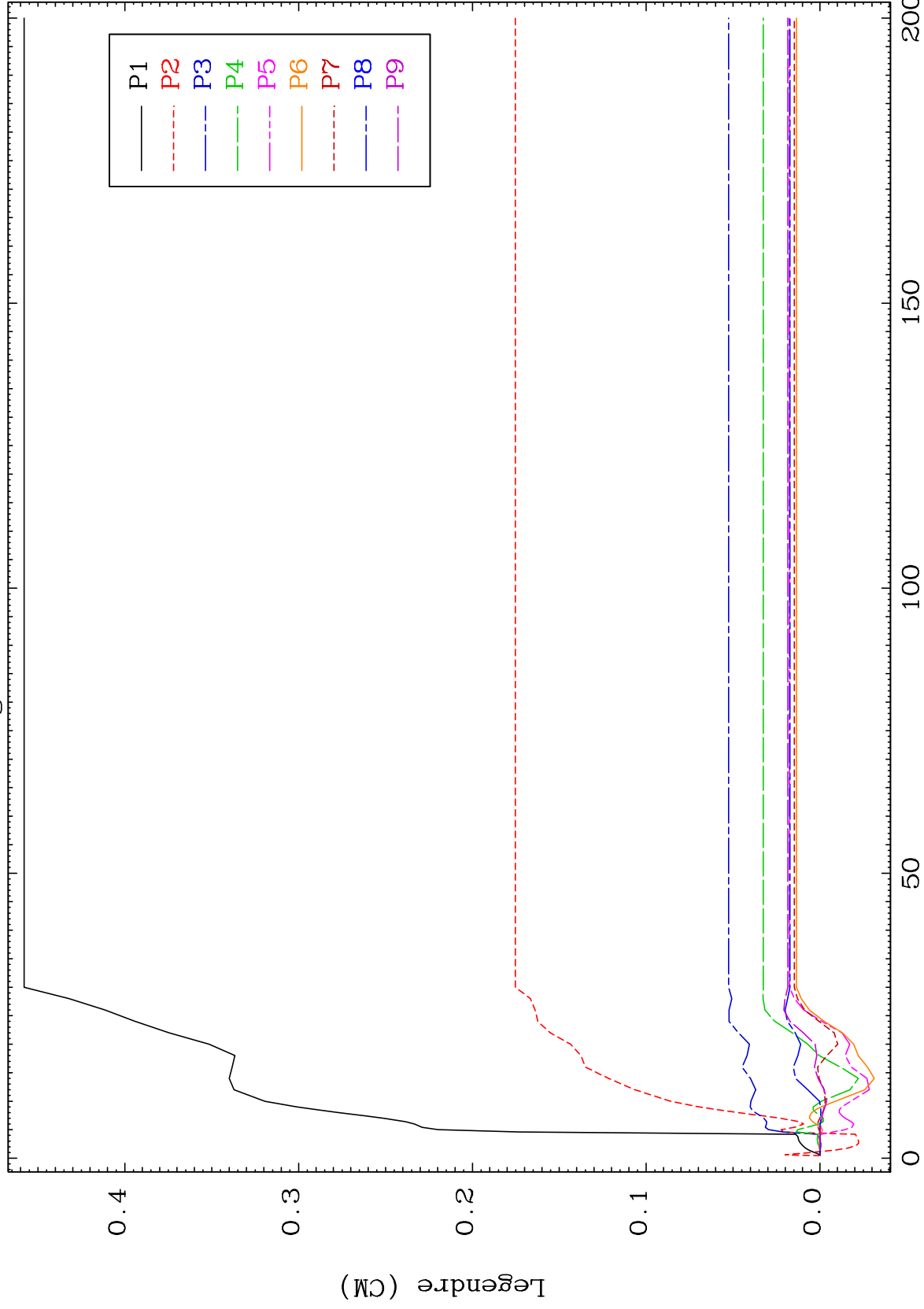
40-Zr-103



MAT 4064

428.0 keV (n,n') Level
Legendre Coefficients

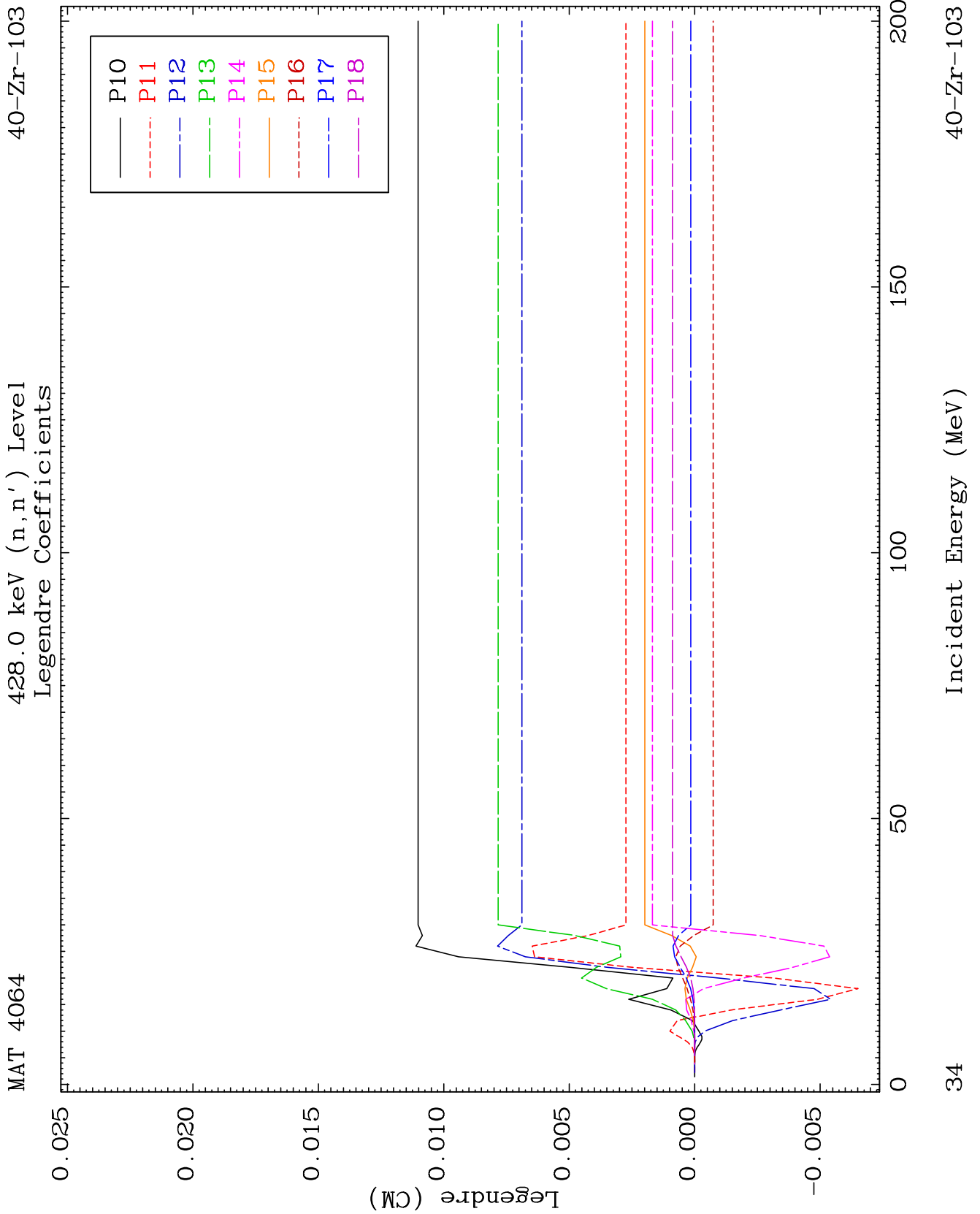
40-Zr-103



33

Incident Energy (MeV)

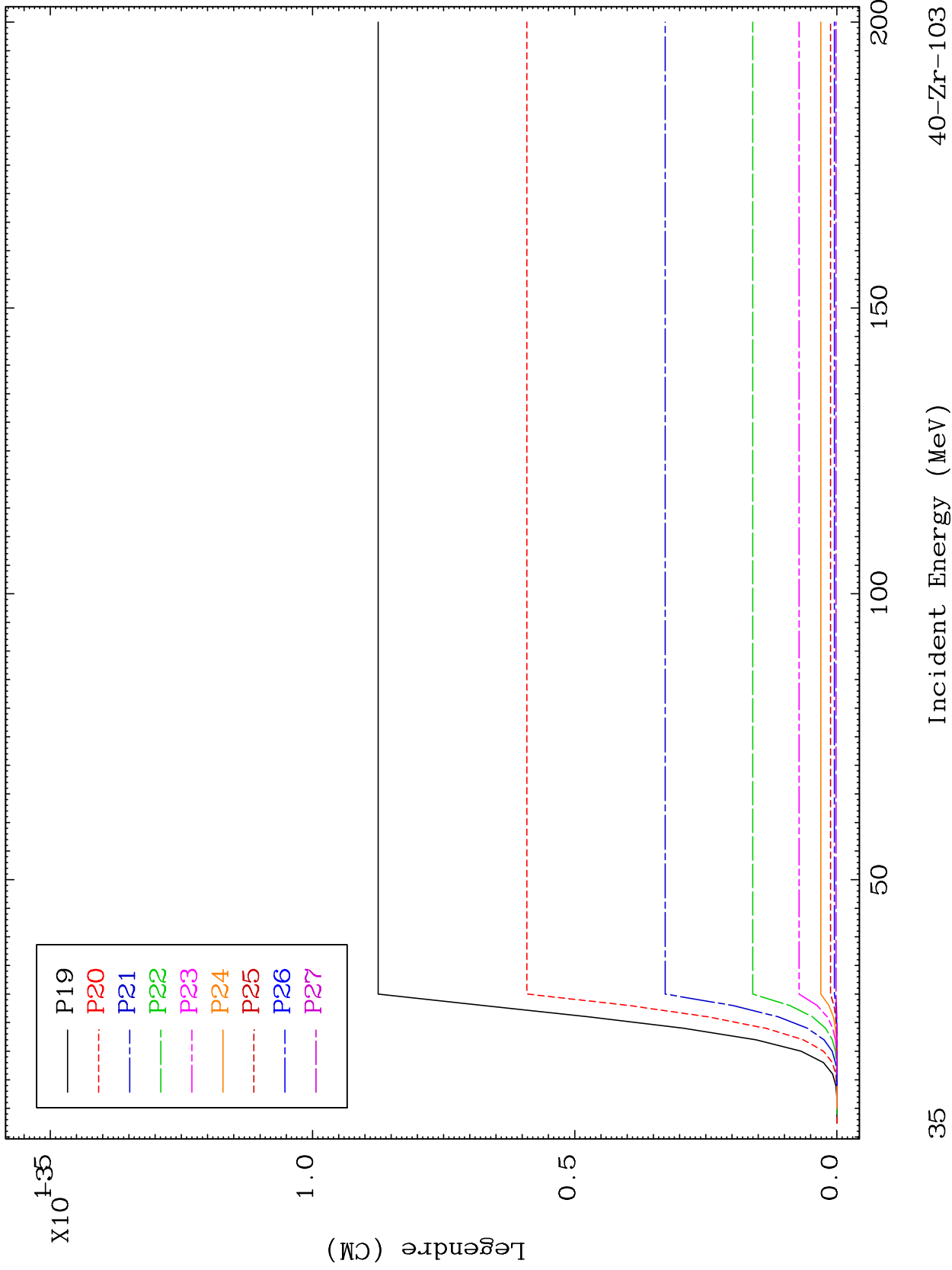
40-Zr-103



MAT 4064

428.0 keV (n,n') Level
Legendre Coefficients

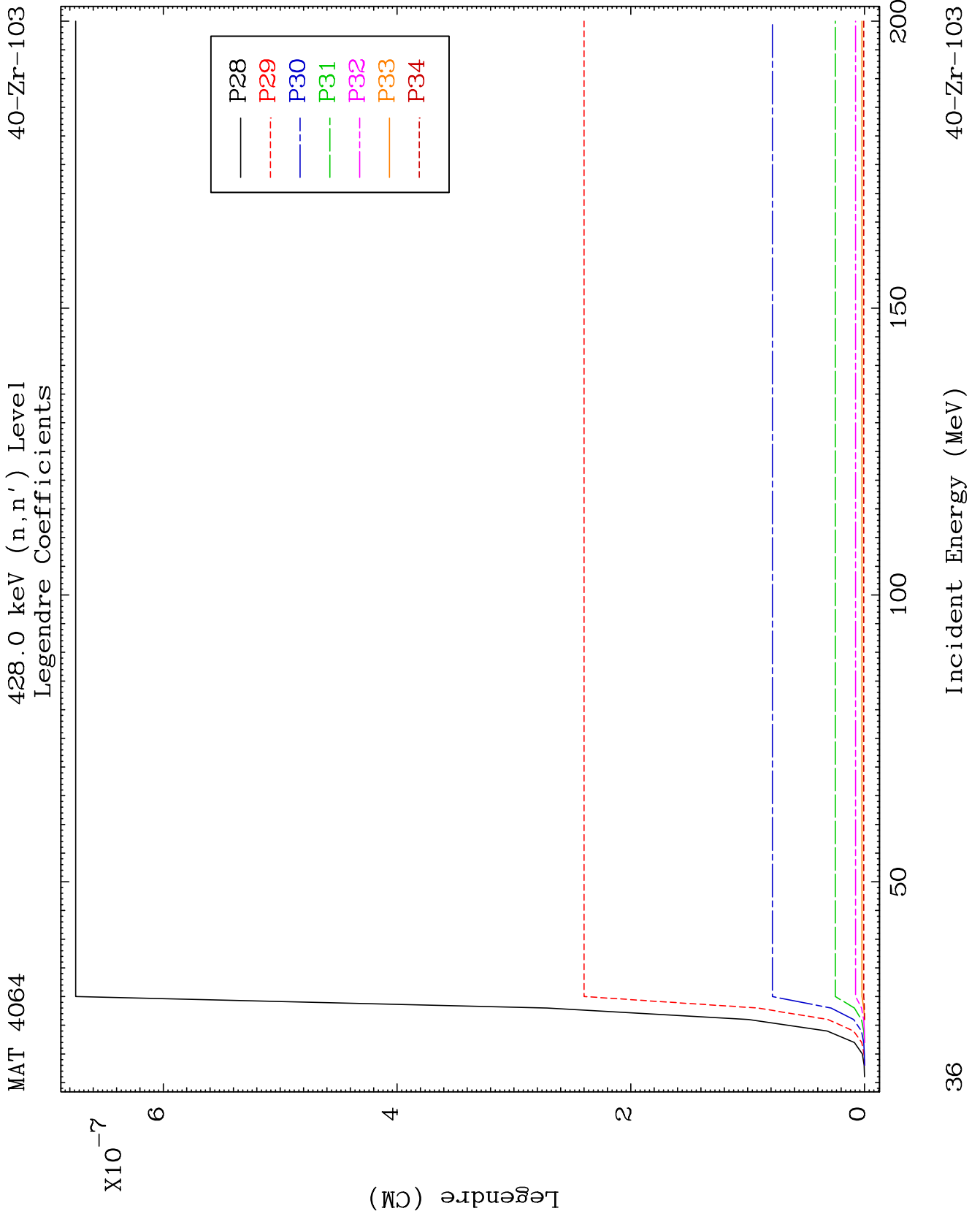
40-Zr-103



35

Incident Energy (MeV)

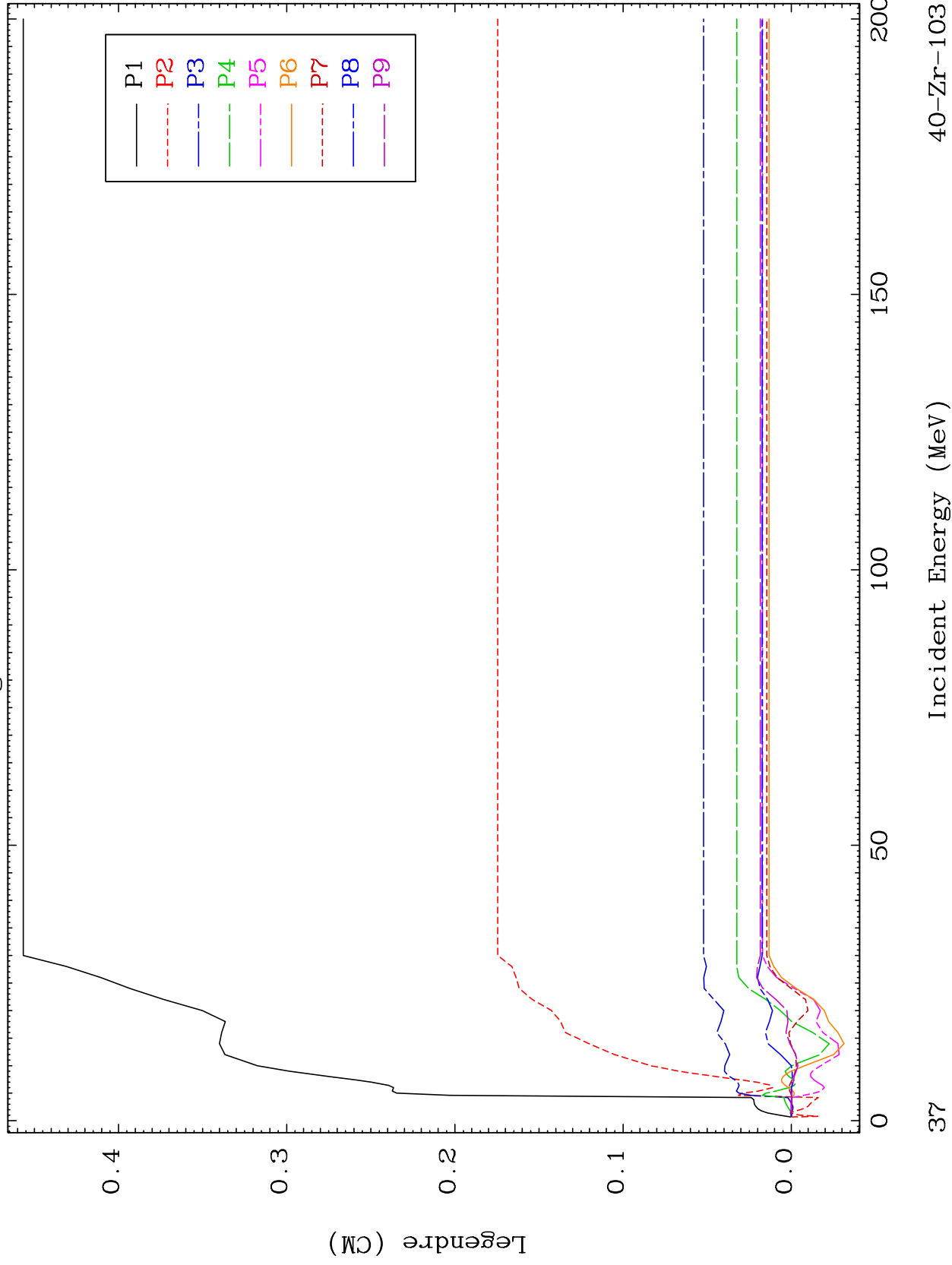
40-Zr-103



MAT 4064

657.3 keV (n,n') Level
Legendre Coefficients

40-Zr-103



37

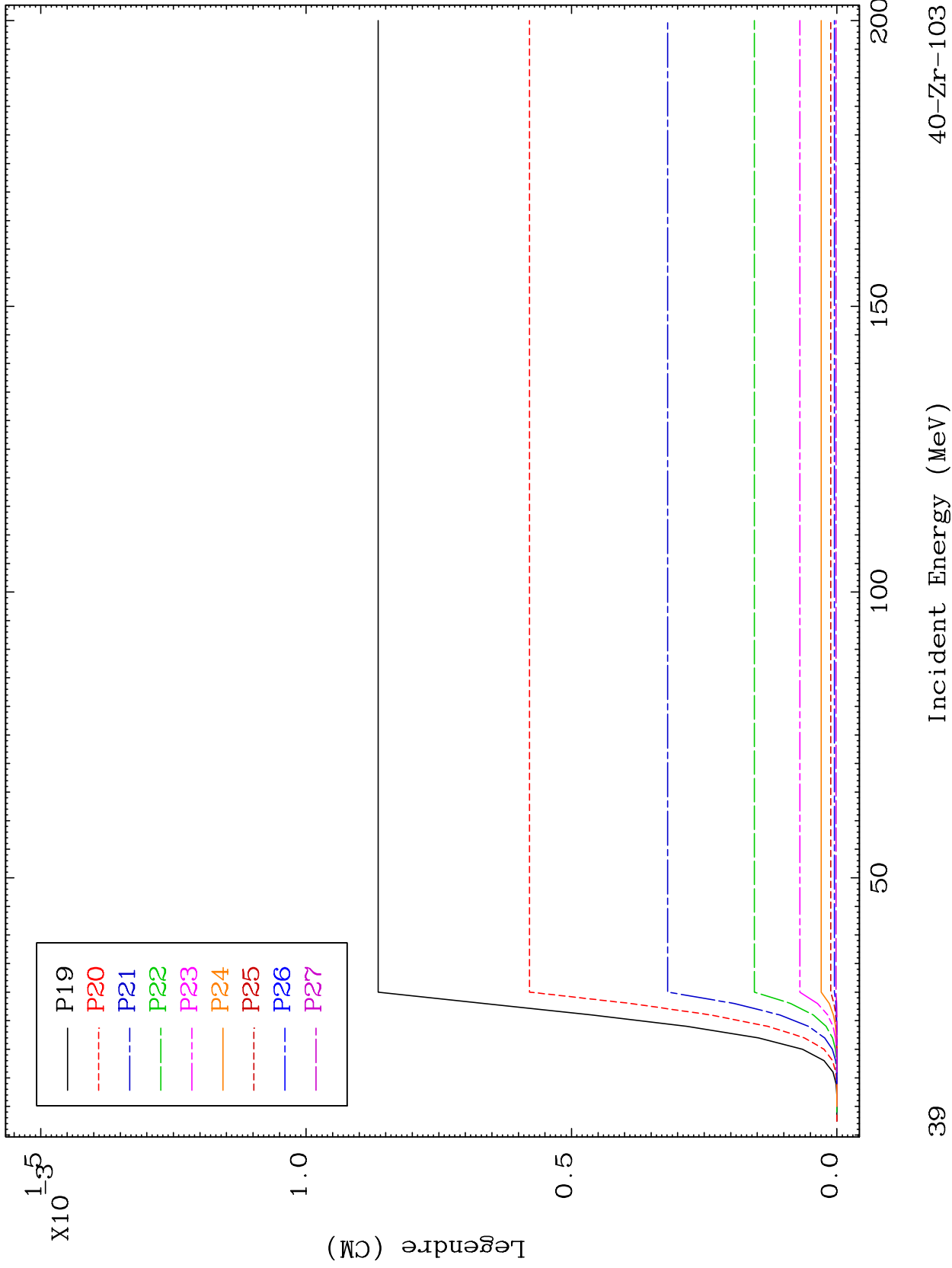
Incident Energy (MeV)

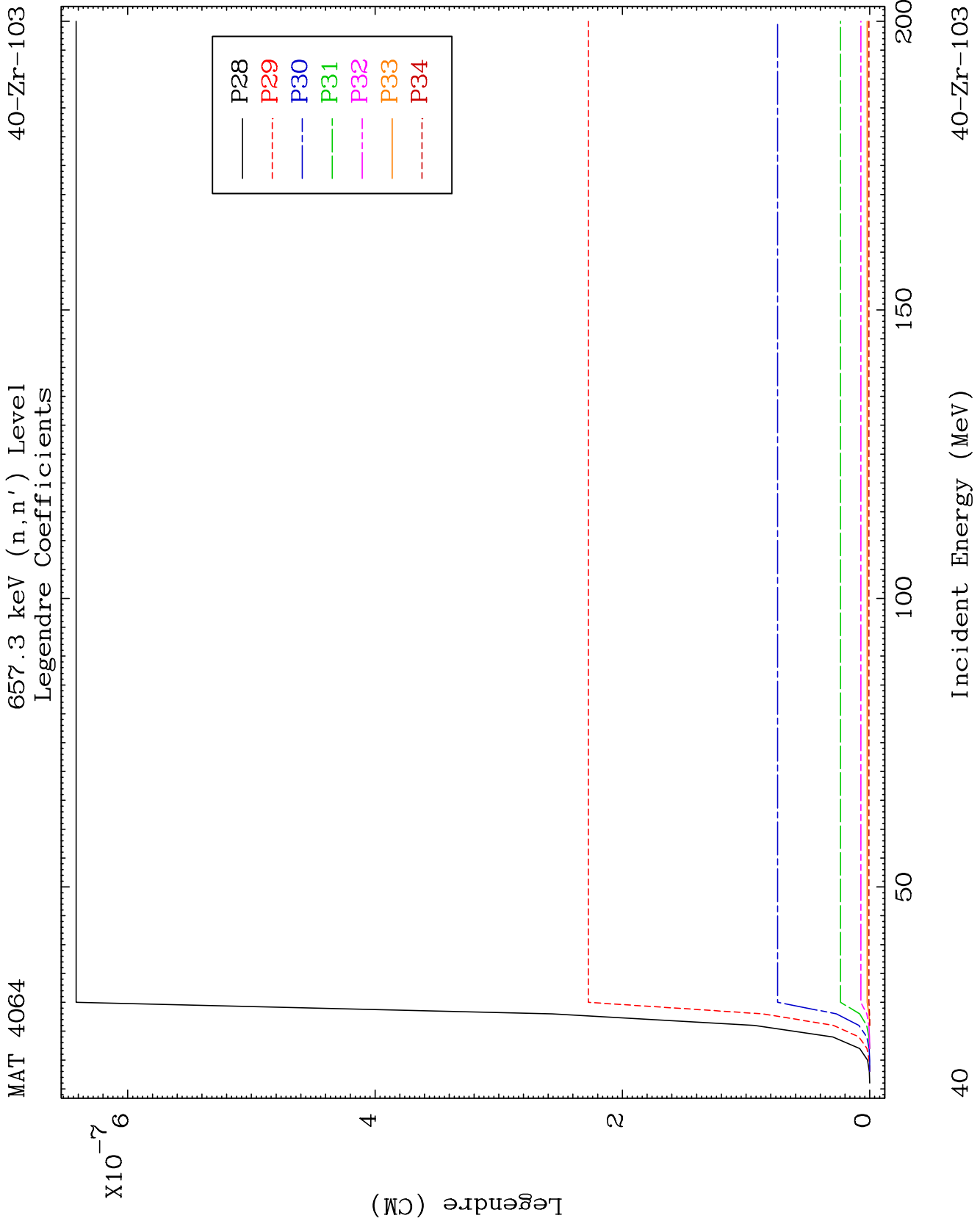
40-Zr-103

MAT 4064

657.3 keV (n,n') Level
Legendre Coefficients

40-Zr-103

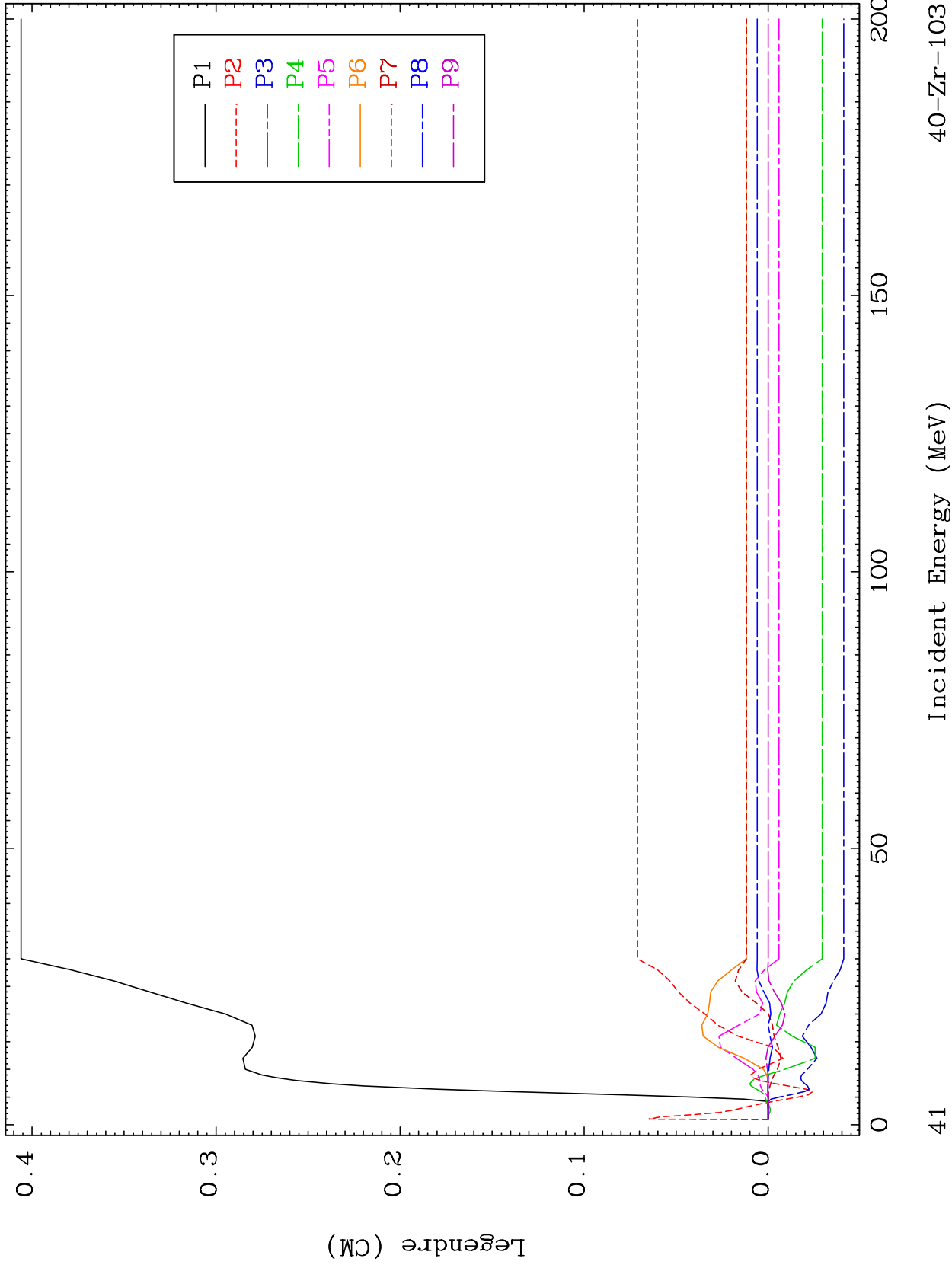




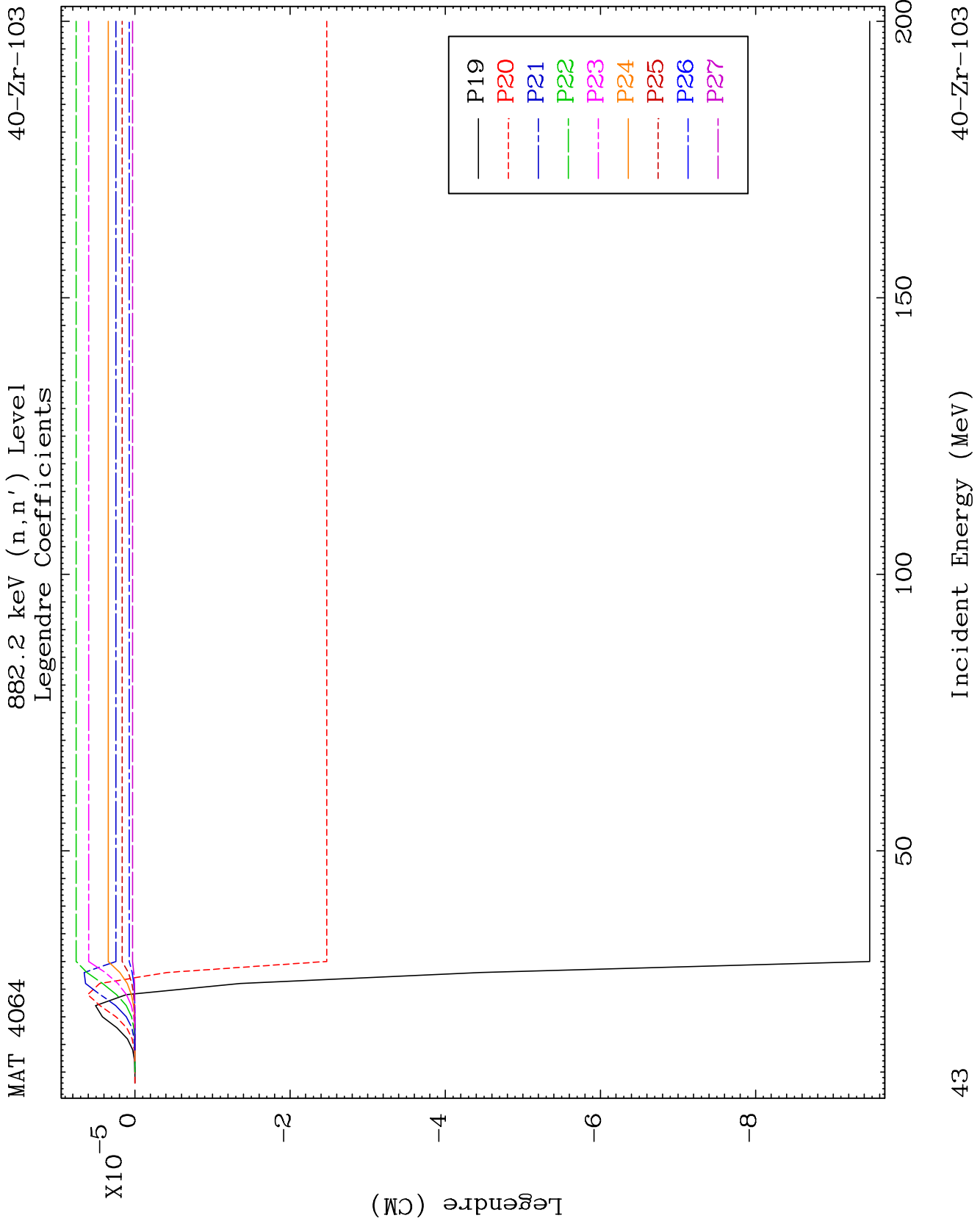
MAT 4064

882.2 keV (n,n') Level
Legendre Coefficients

40-Zr-103



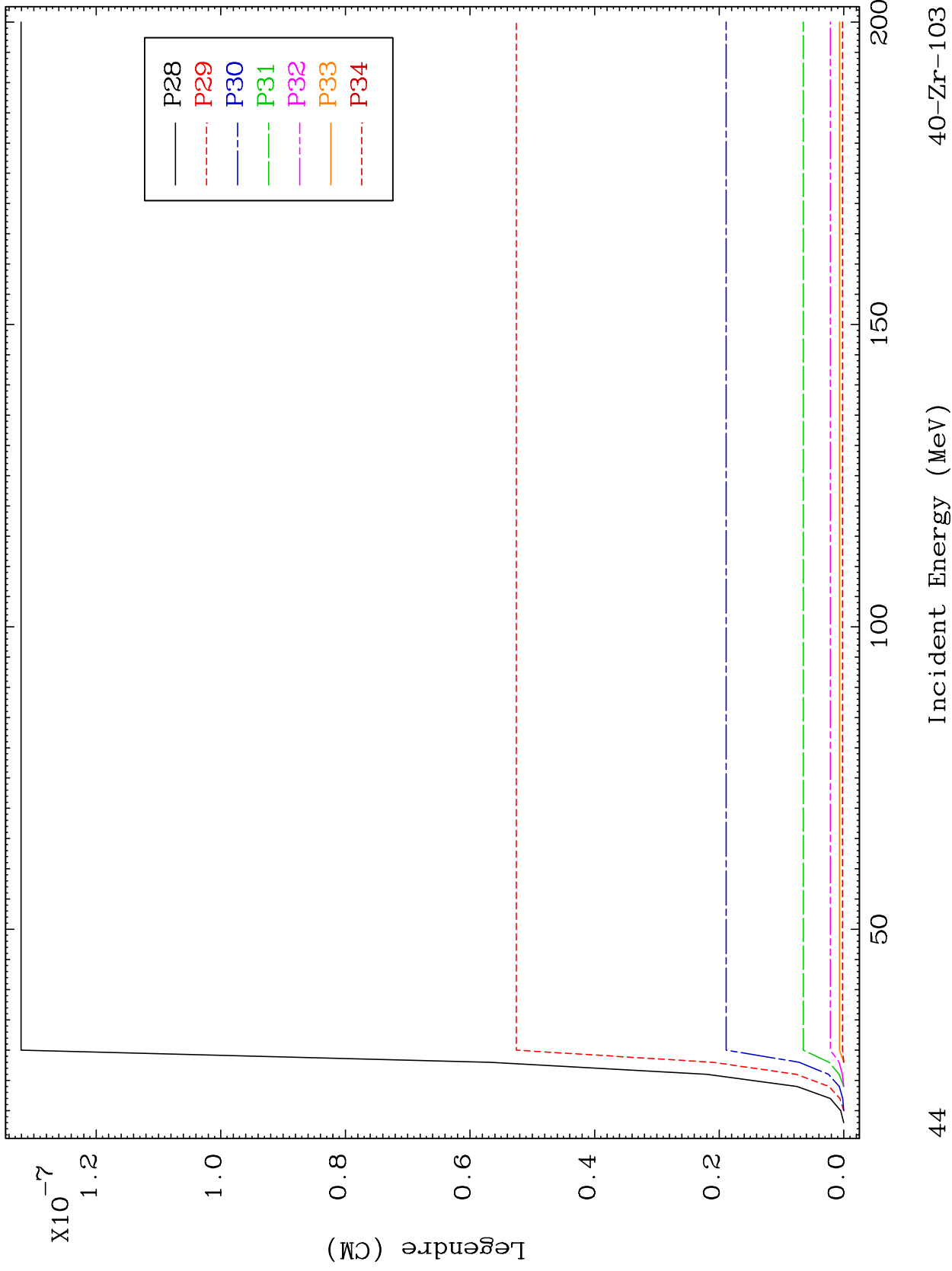
41



MAT 4064

882.2 keV (n,n') Level
Legendre Coefficients

40-Zr-103

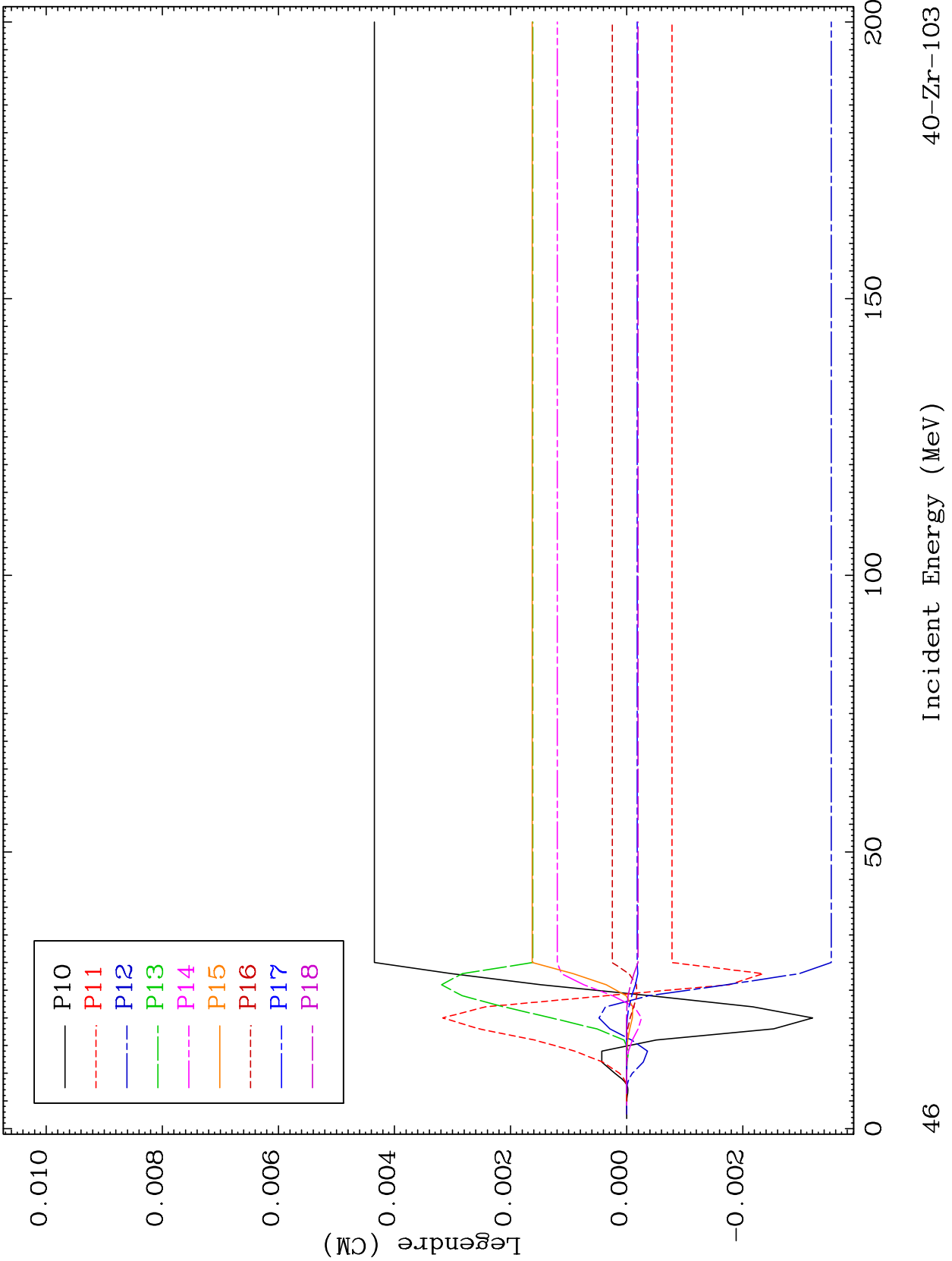


44

MAT 4064

1.212 MeV (n,n') Level
Legendre Coefficients

40-Zr-103



46

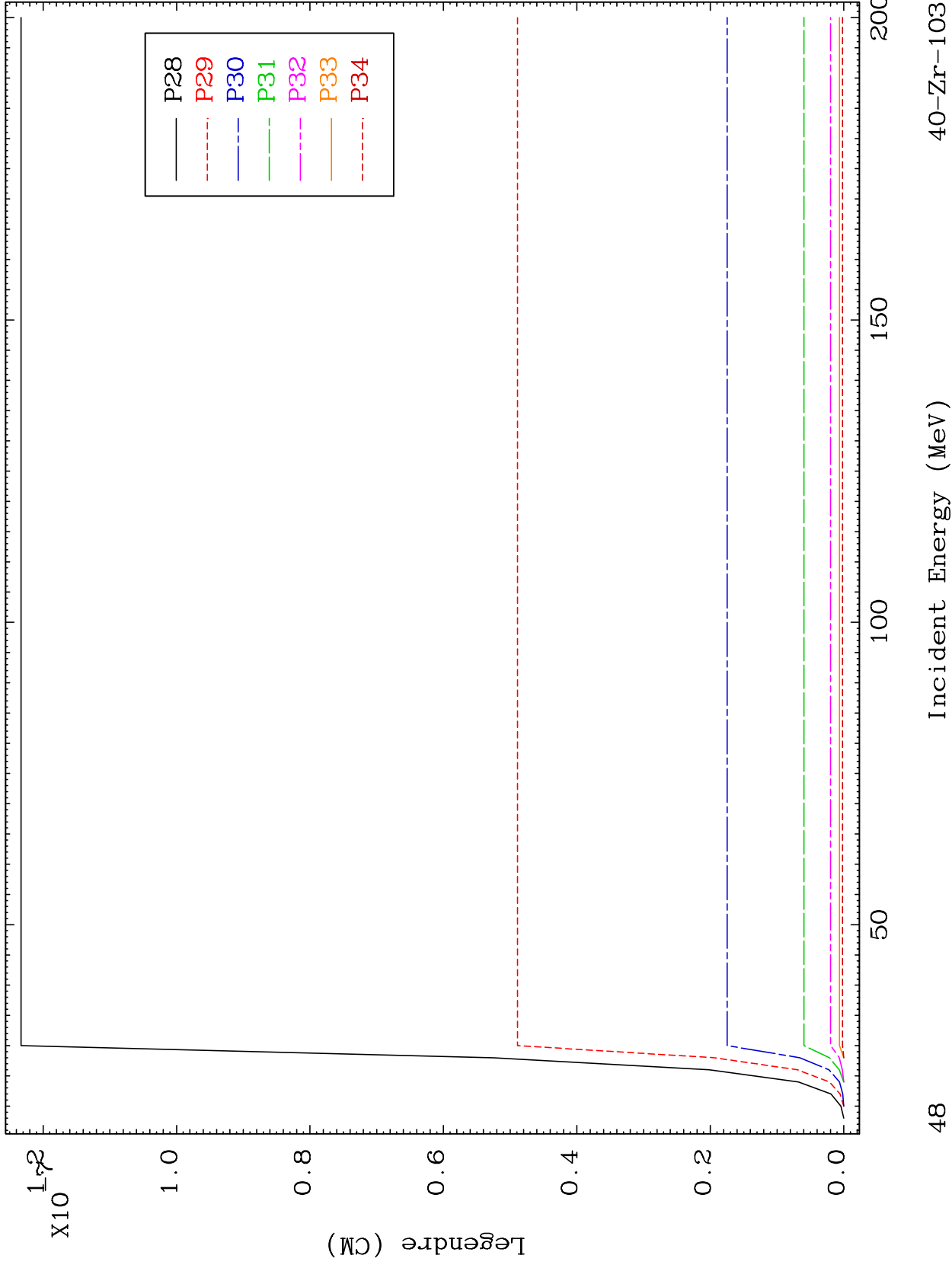
Incident Energy (MeV)

40-Zr-103

MAT 4064

1.212 MeV (n,n') Level
Legendre Coefficients

40-Zr-103



48

Incident Energy (MeV)

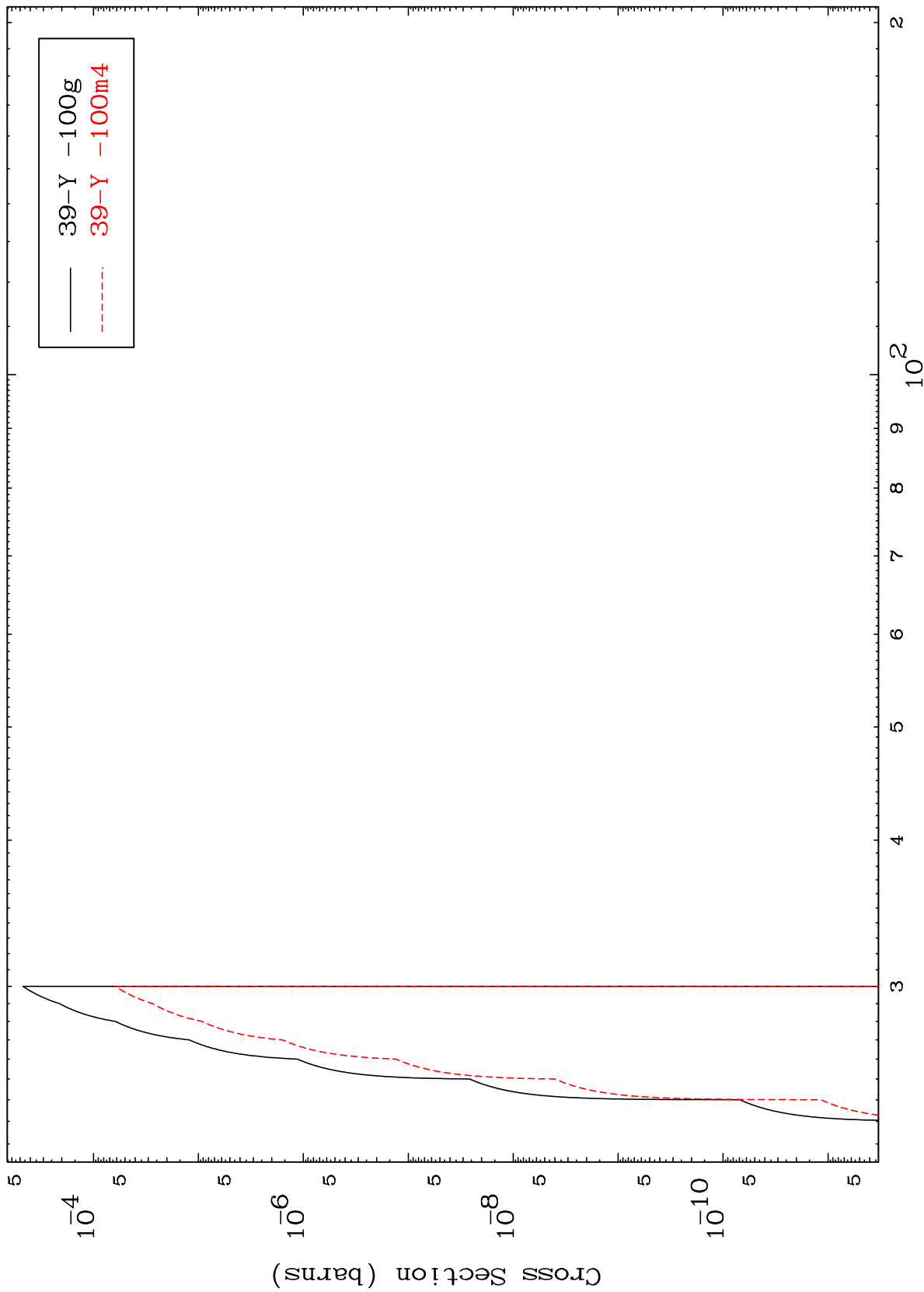
40-Zr-103

MAT 4064

(n,2n) d

40-Zr-103

Radionuclide Production Cross Section



49

Incident Energy (MeV)

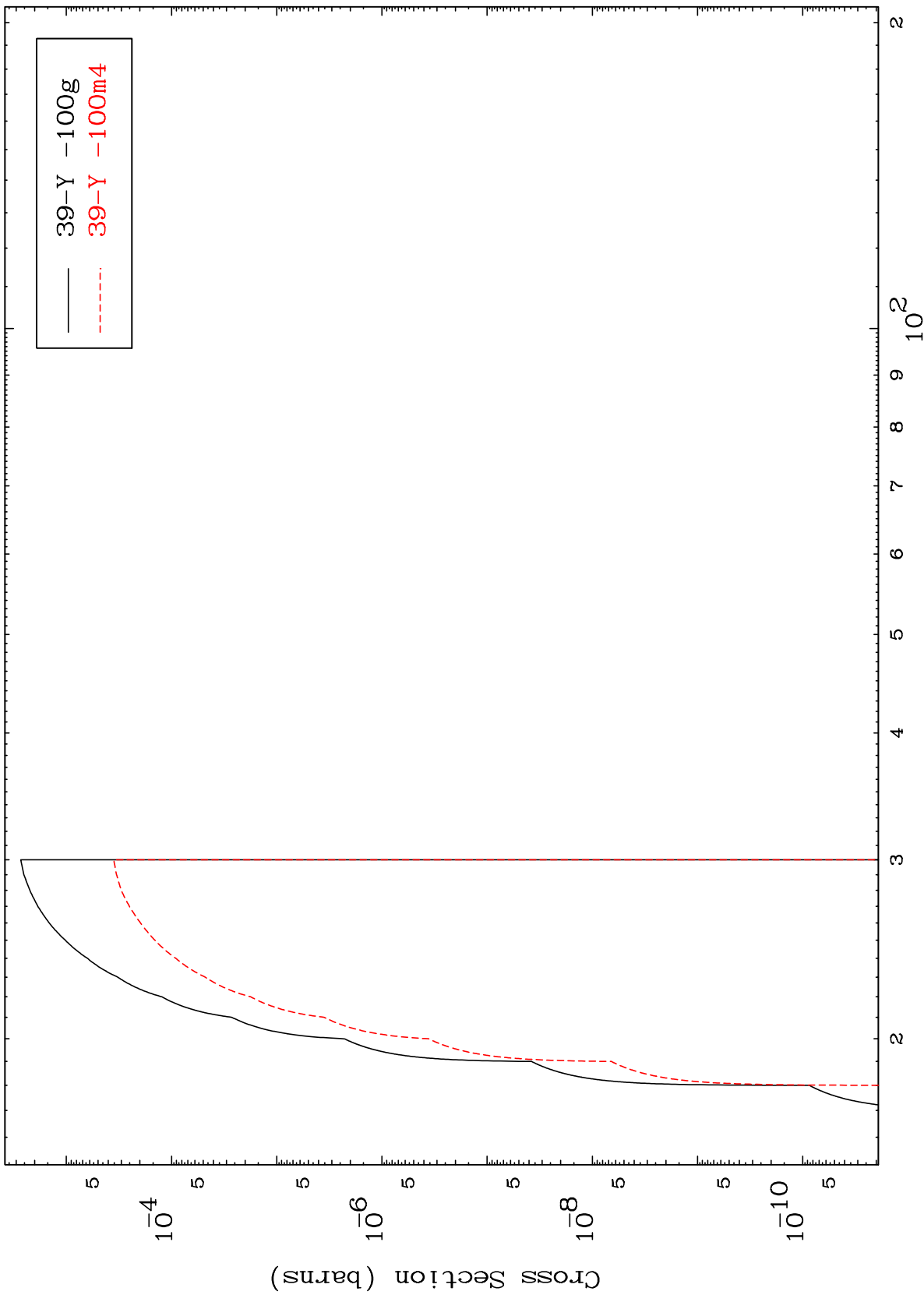
40-Zr-103

MAT 4064

(n,n') t

40-Zr-103

Radionuclide Production Cross Section



50

Incident Energy (MeV)

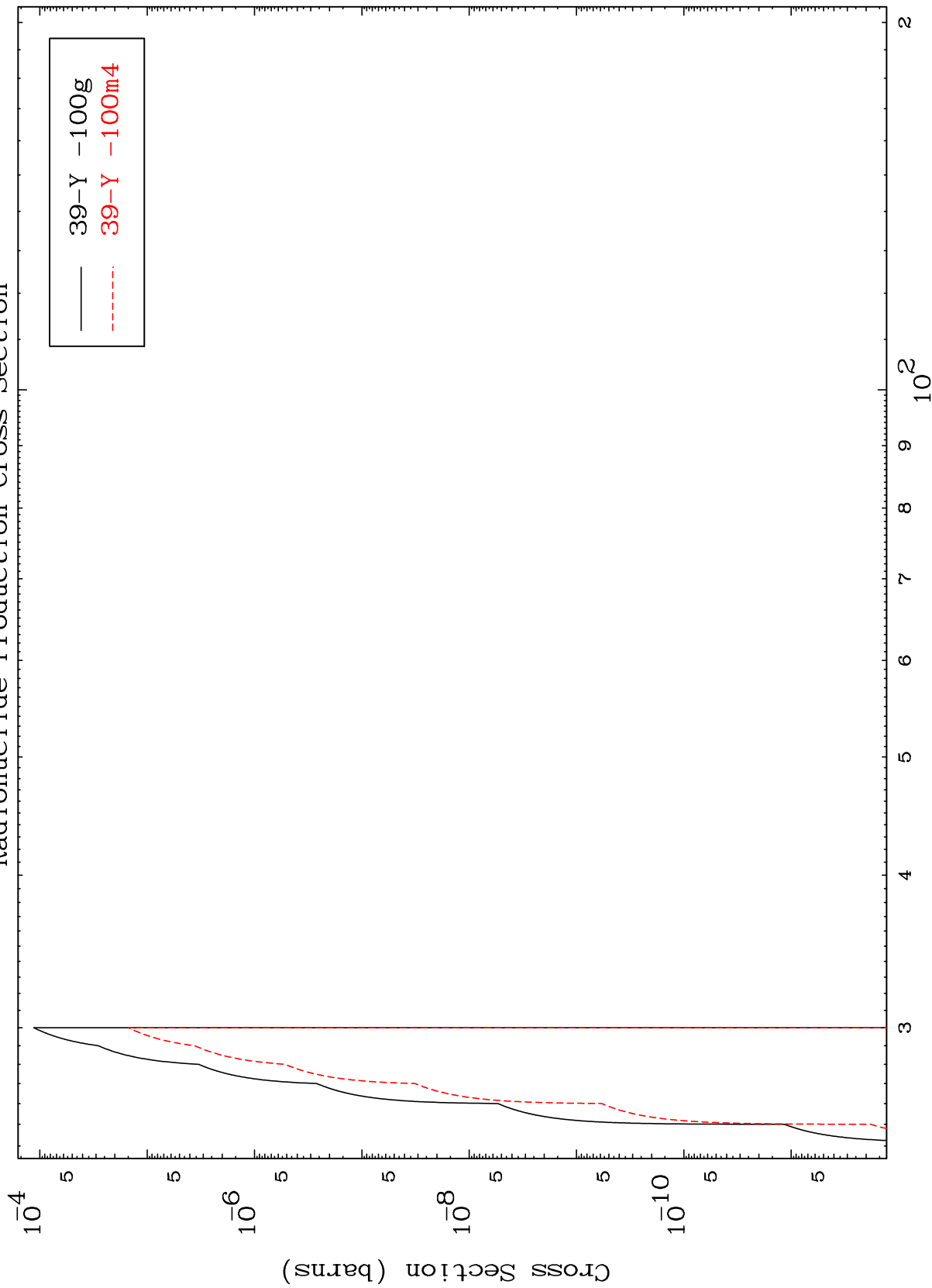
40-Zr-103

MAT 4064

(n,3n) p

40-Zr-103

Radionuclide Production Cross Section



51

Incident Energy (MeV)

40-Zr-103