

Program EVALPLOT
(Version 2018-1)

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

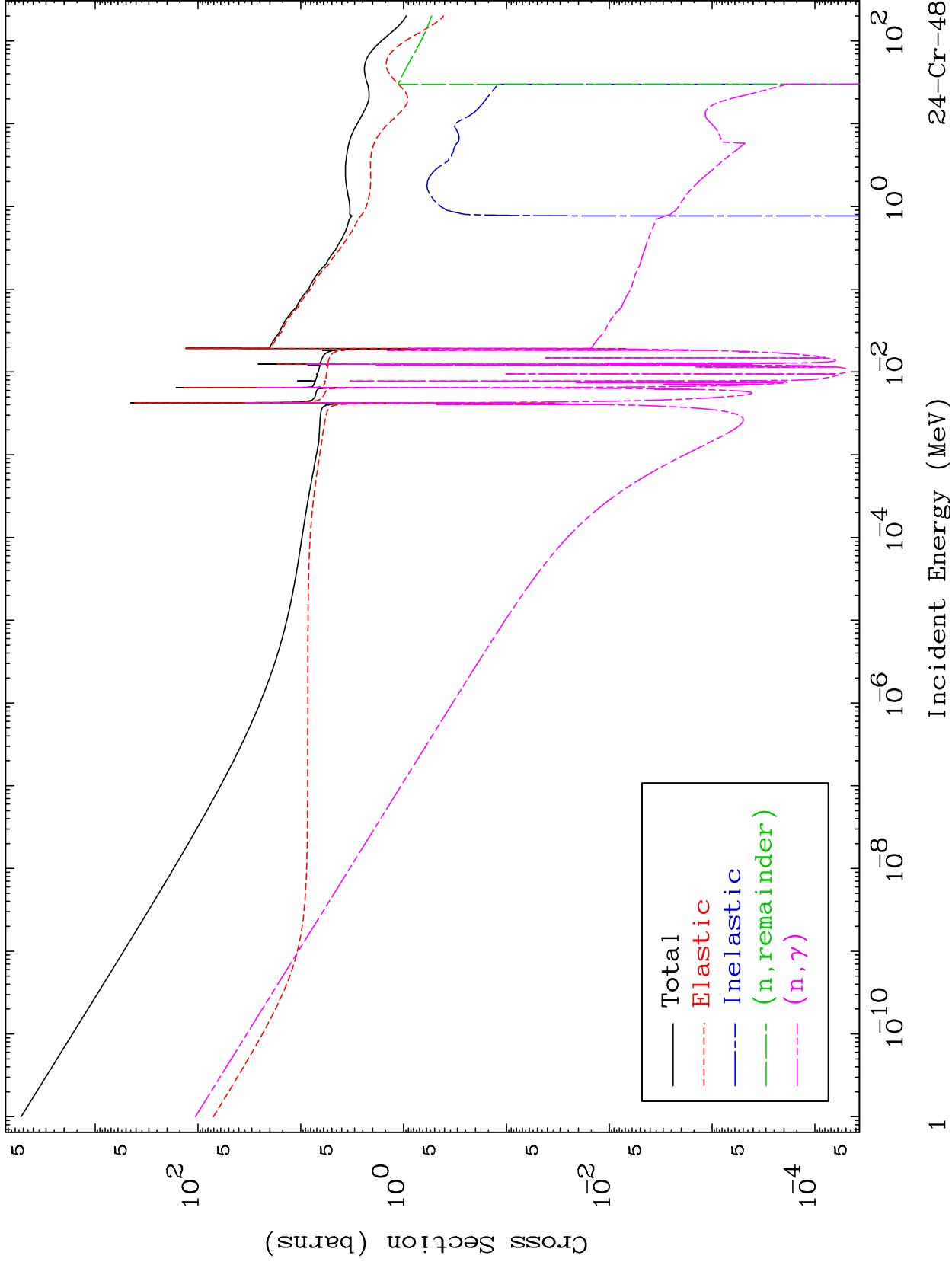
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2419

Major
293 Kelvin Cross Sections

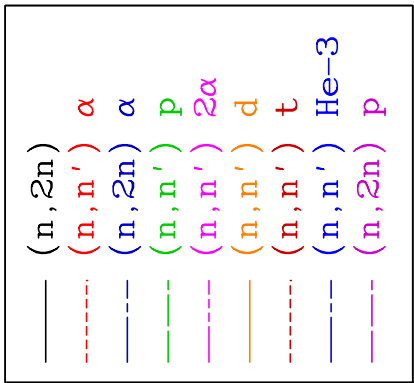
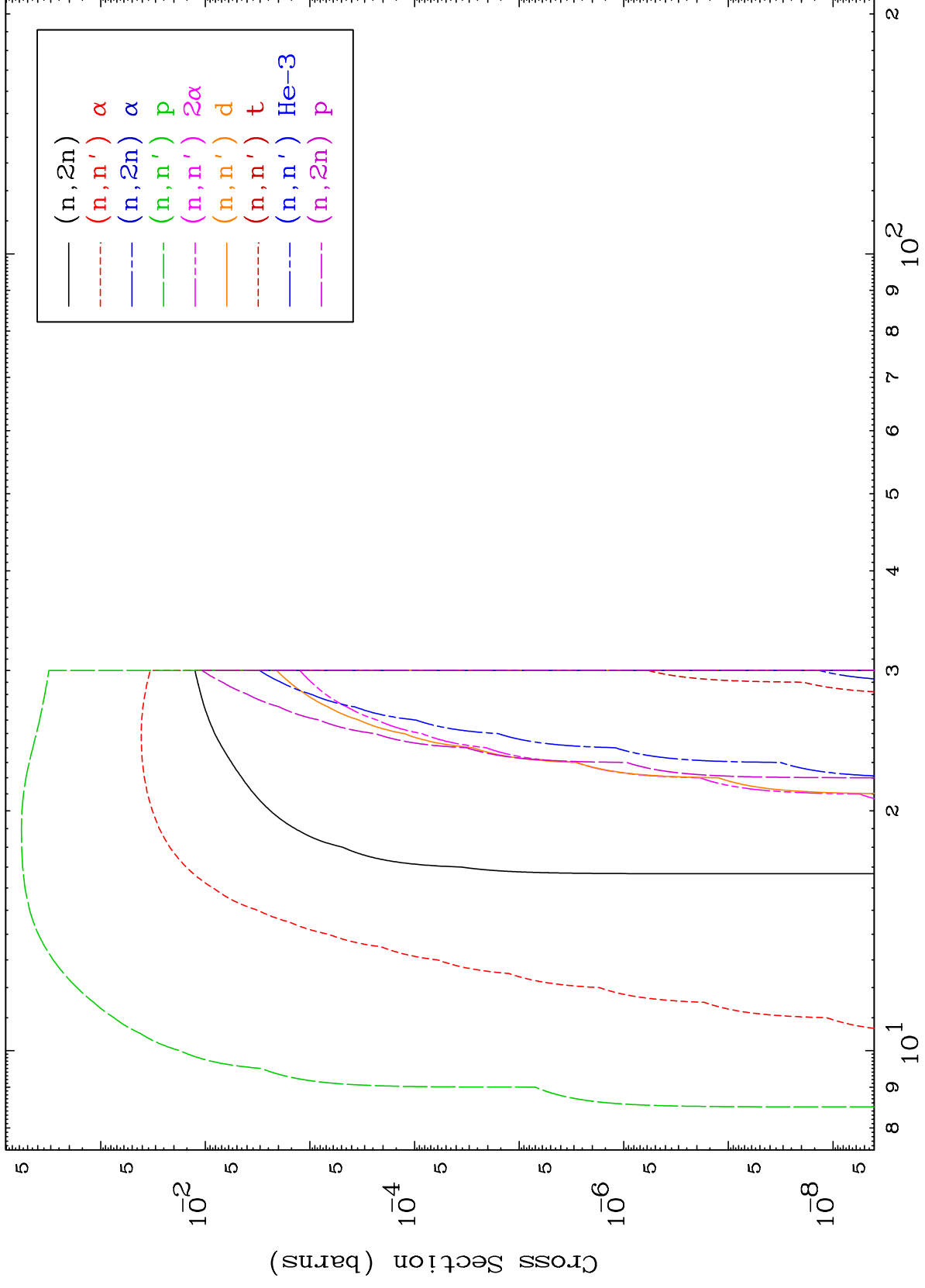
24-Cr-48



MAT 2419

Neutron Production
293 Kelvin Cross Sections

24-Cr-48



2

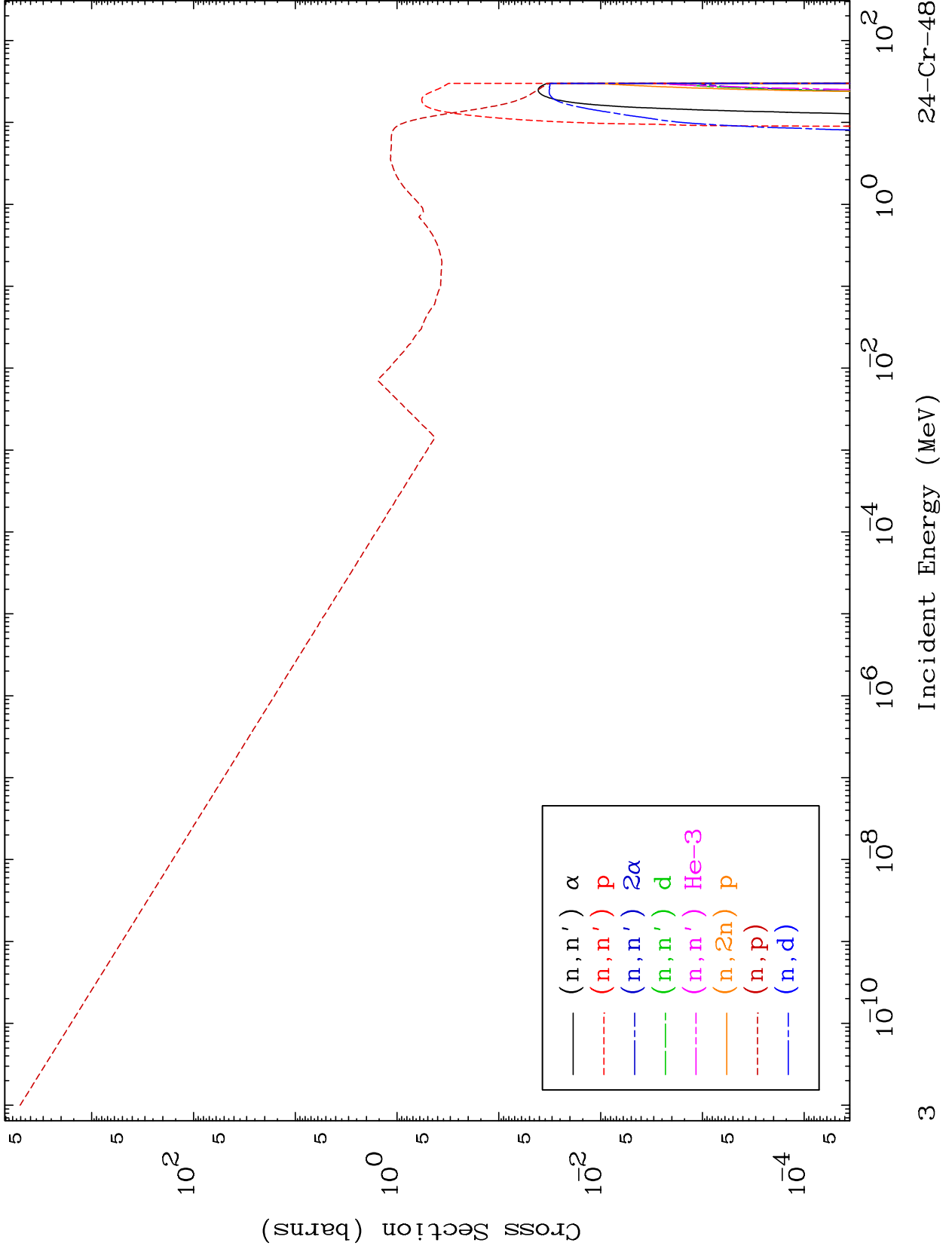
Incident Energy (MeV)

24-Cr-48

MAT 2419

Charged Particle
293 Kelvin Cross Sections

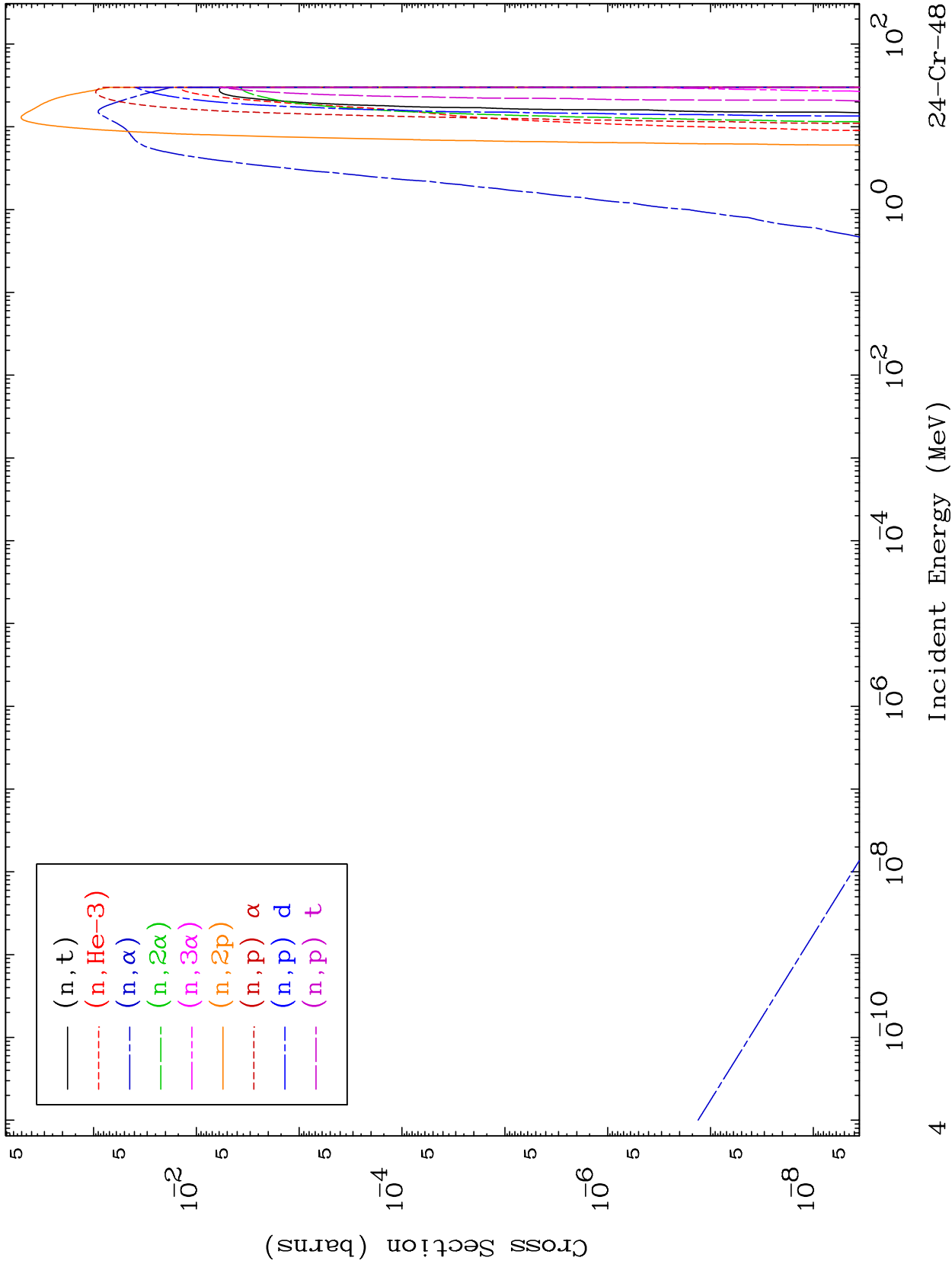
24-Cr-48



MAT 2419

Charged Particle
293 Kelvin Cross Sections

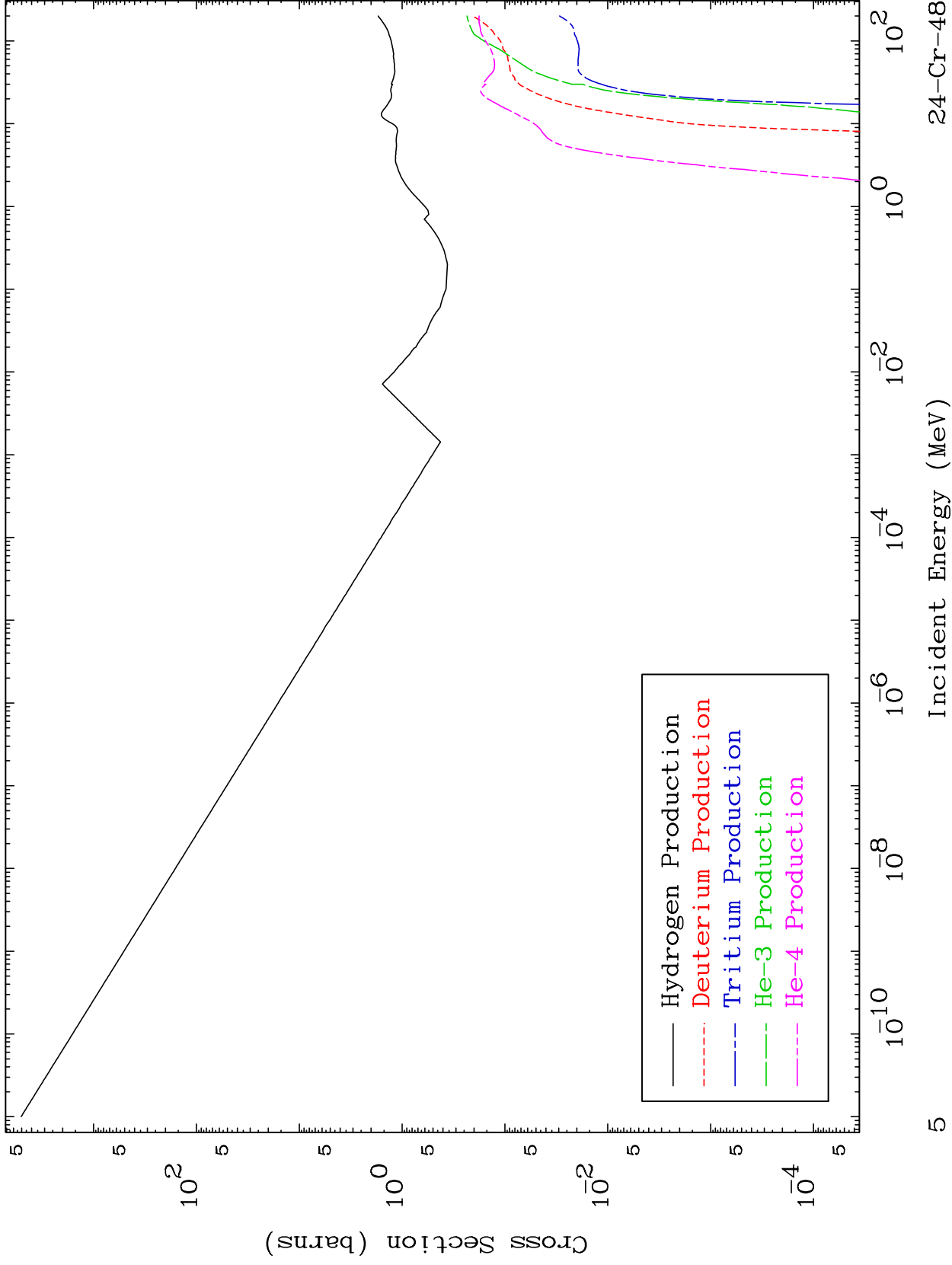
24-Cr-48



MAT 2419

Particle Production
293 Kelvin Cross Sections

24-Cr-48

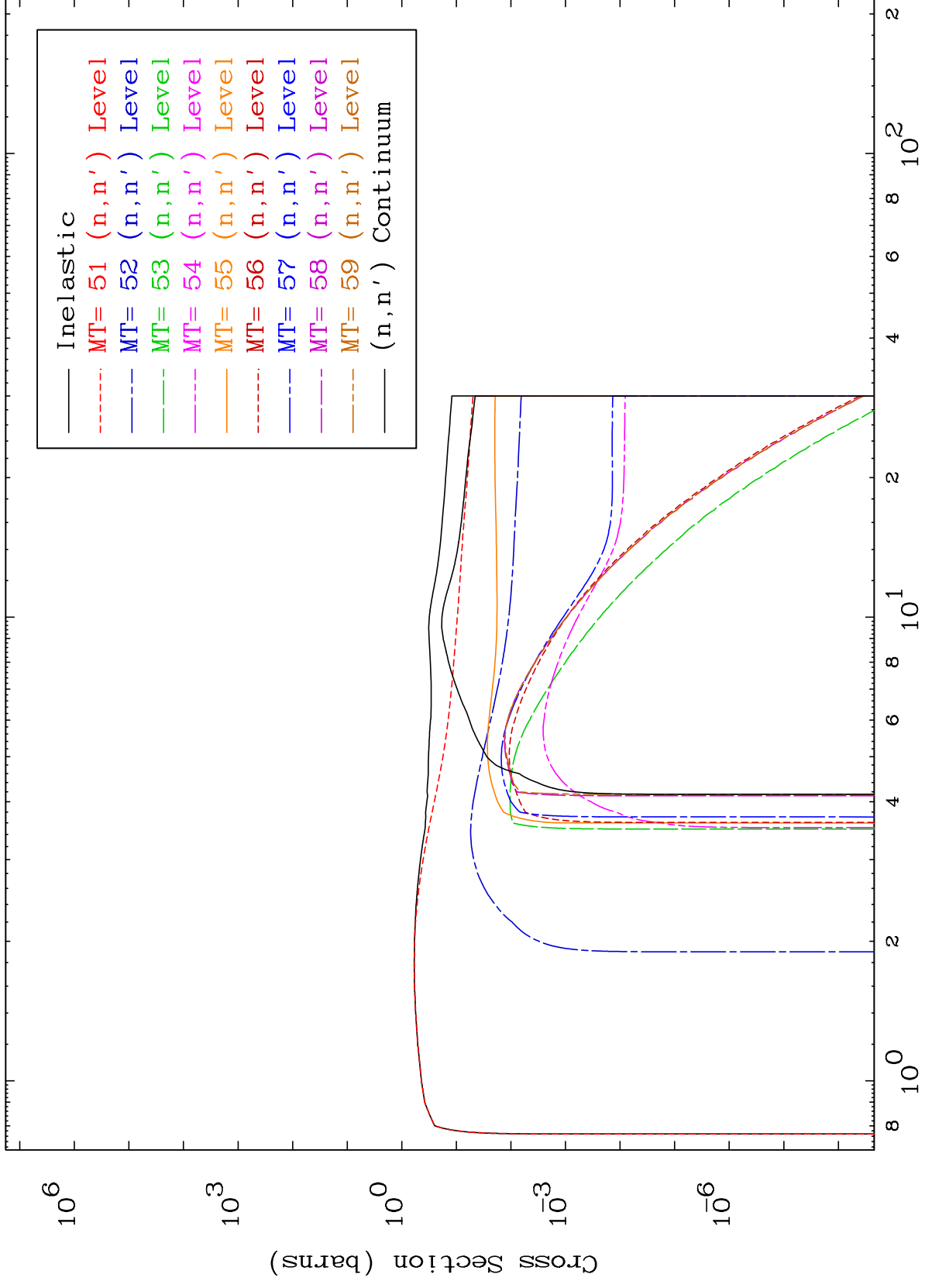


MAT 2419

(n,n') Level

24-Cr-48

293 Kelvin Cross Sections



6

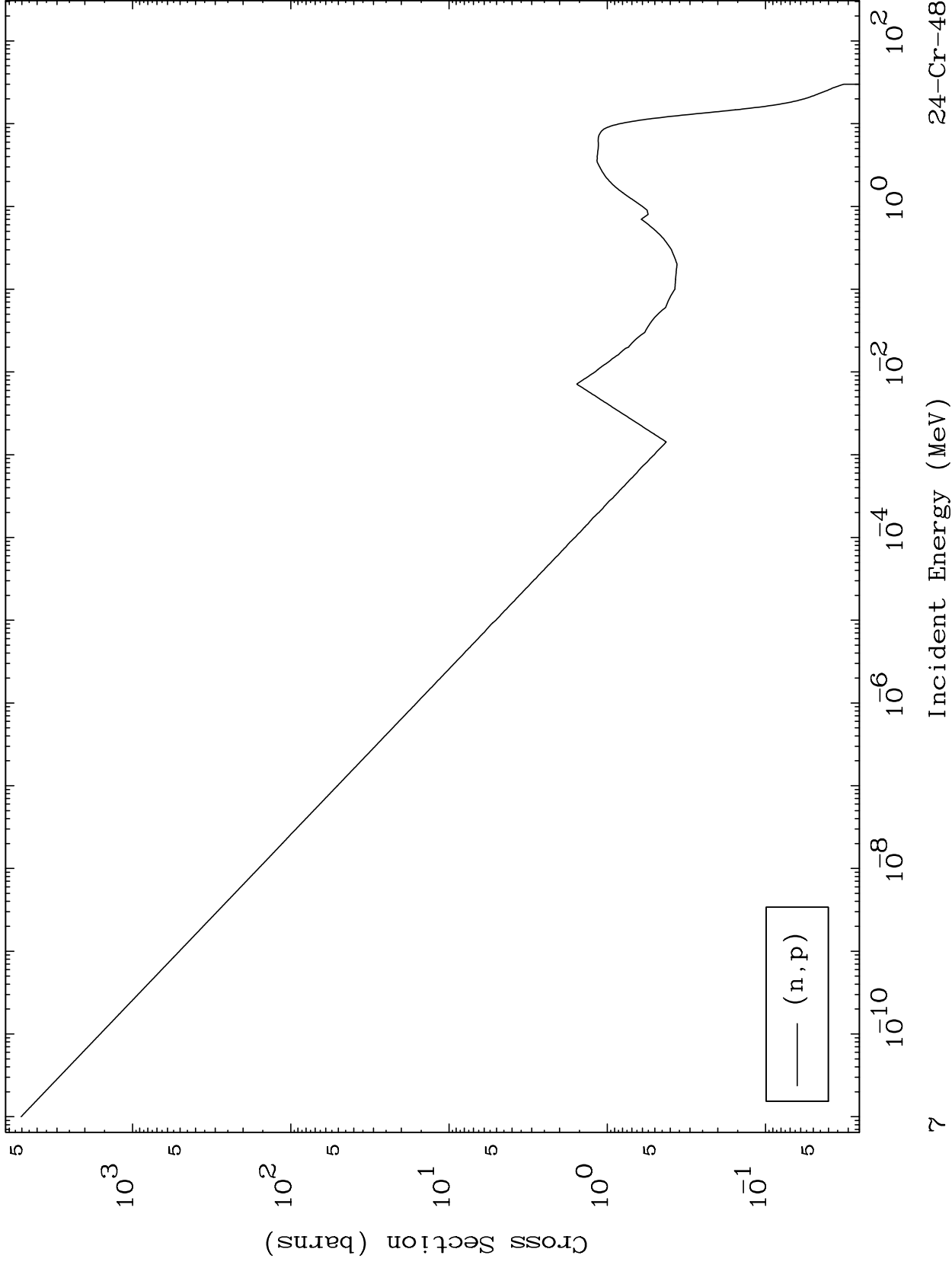
Incident Energy (MeV)

24-Cr-48

MAT 2419

(n,p) Levels
293 Kelvin Cross Sections

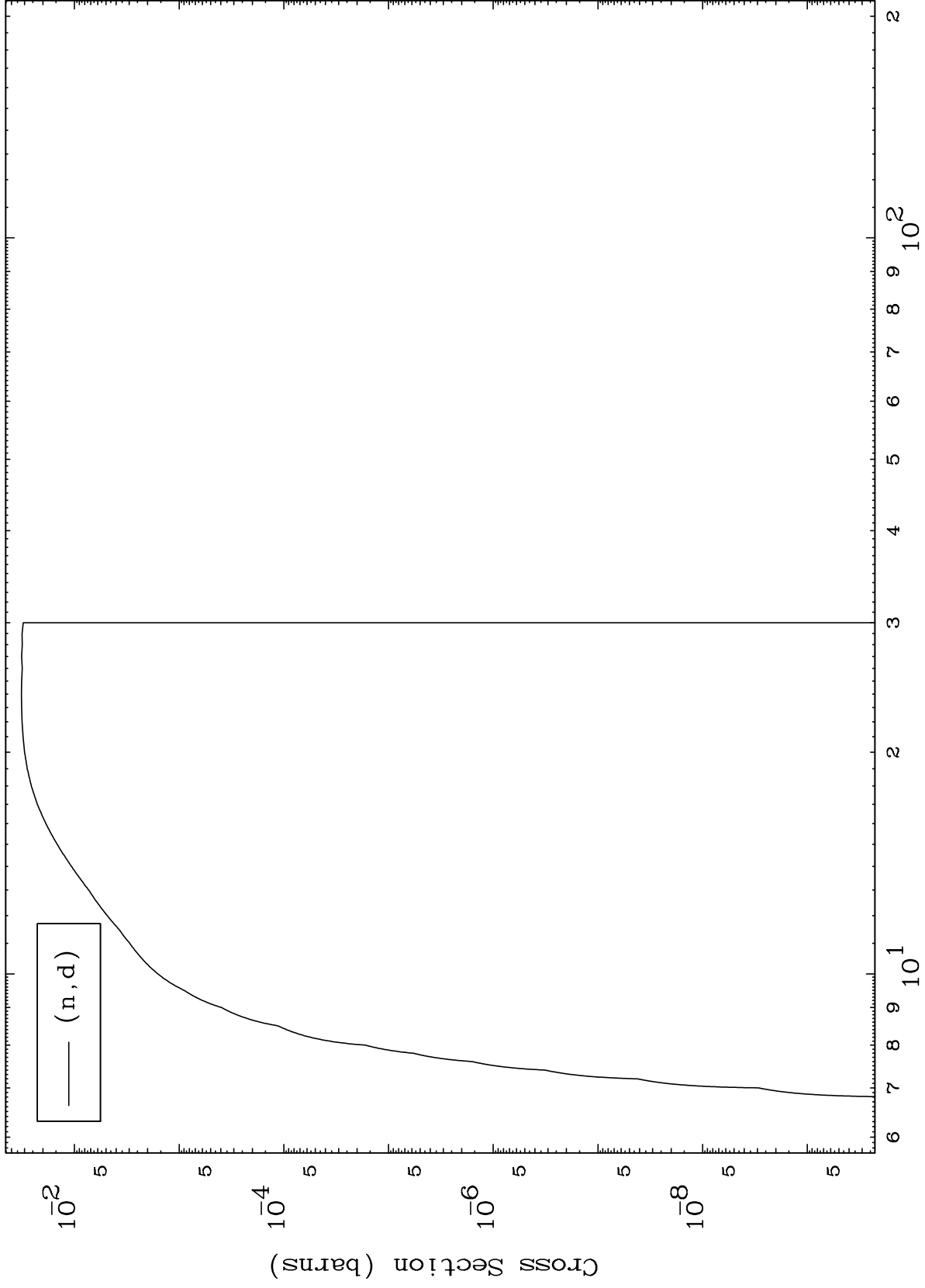
24-Cr-48



MAT 2419

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-48



8

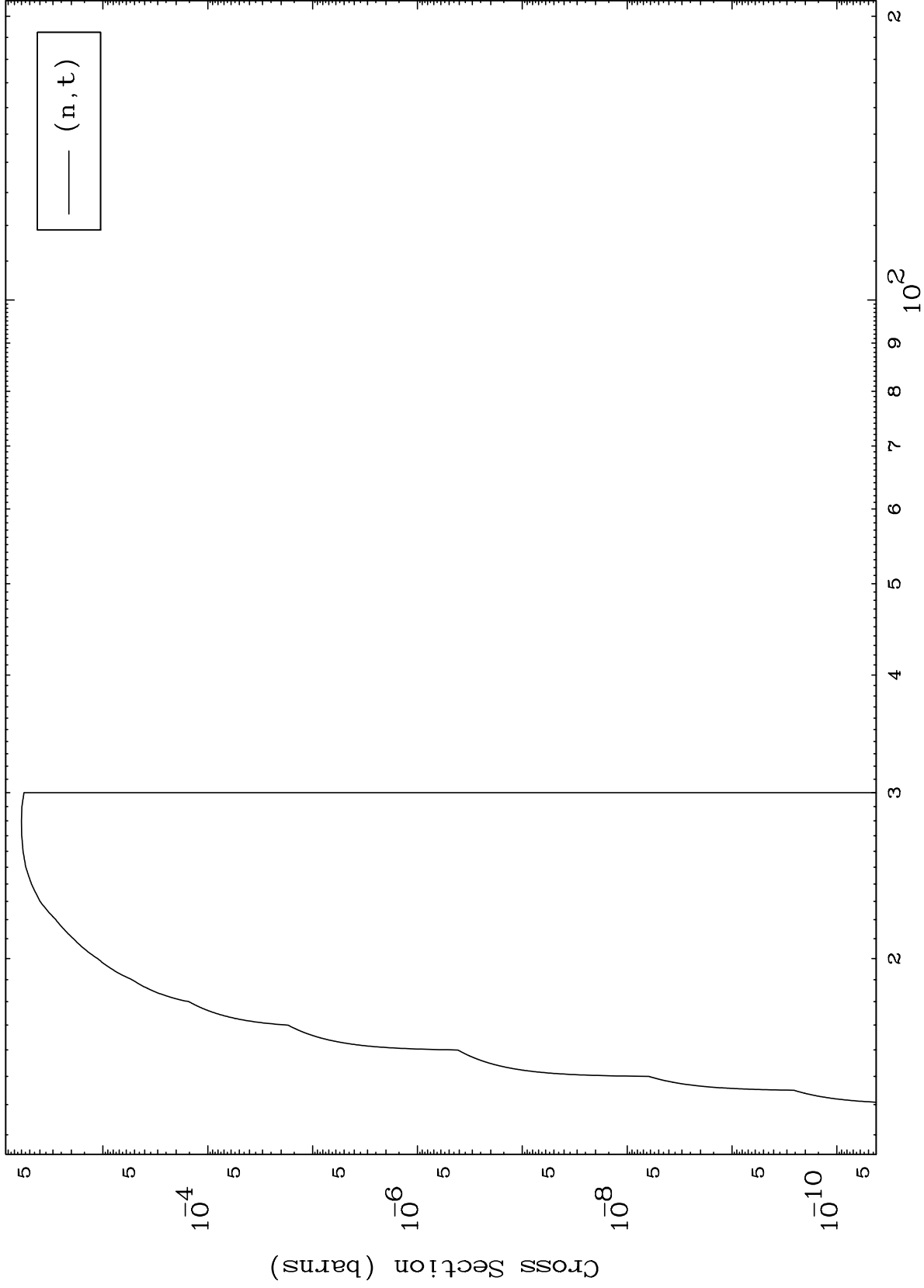
Incident Energy (MeV)

24-Cr-48

MAT 2419

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-48



9

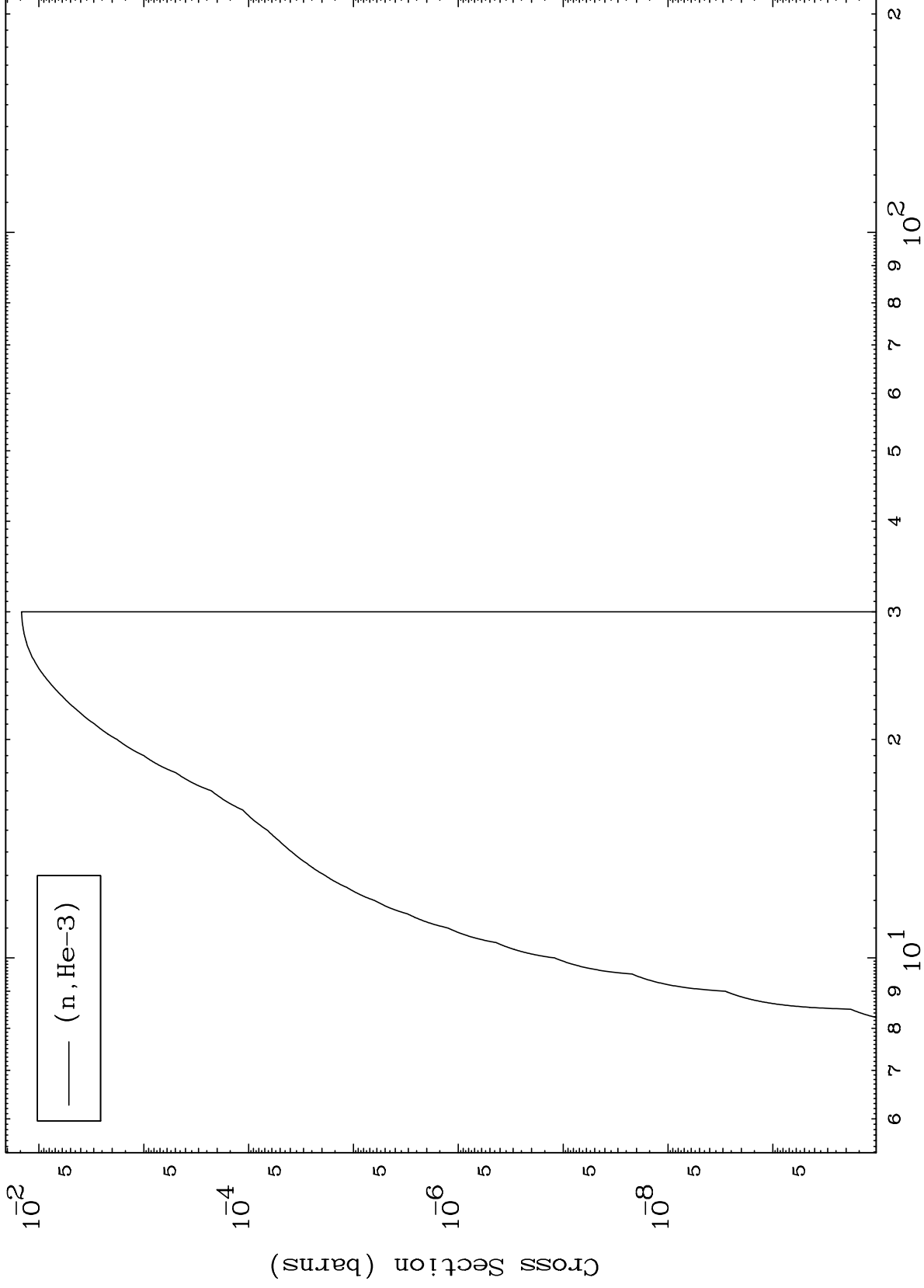
Incident Energy (MeV)

24-Cr-48

MAT 2419

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-48



10

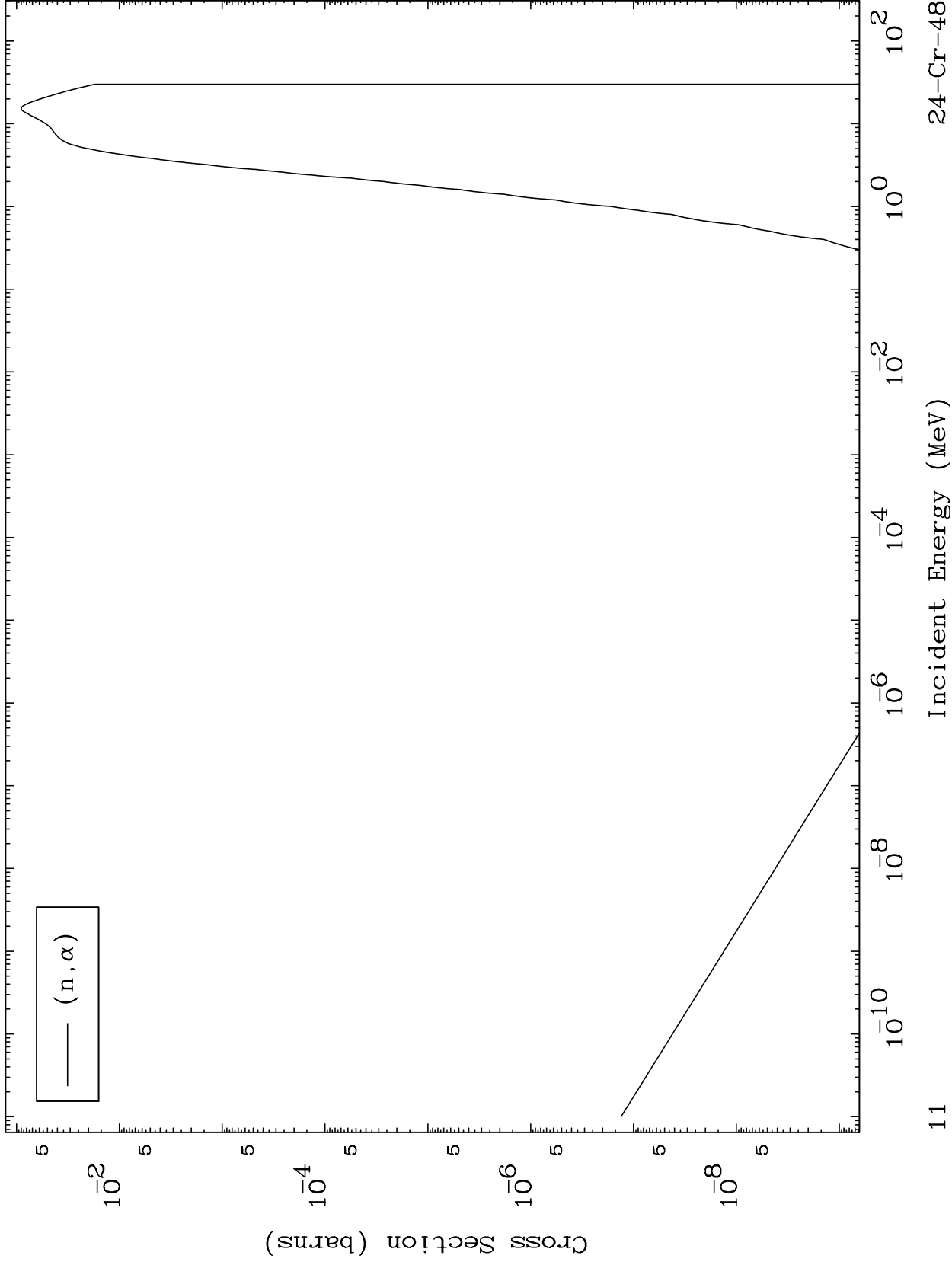
Incident Energy (MeV)

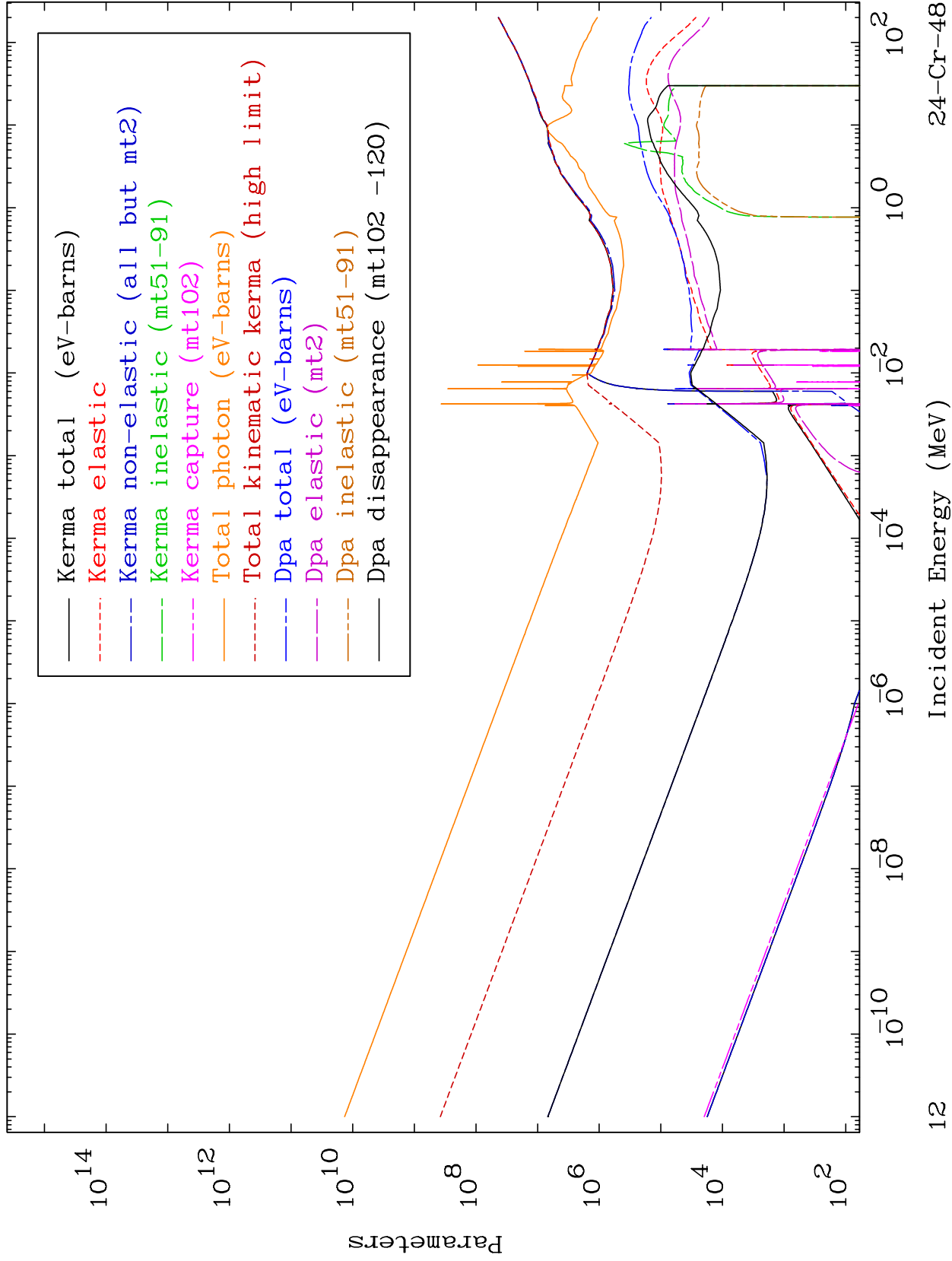
24-Cr-48

MAT 2419

(n, α) Levels
293 Kelvin Cross Sections

24-Cr-48

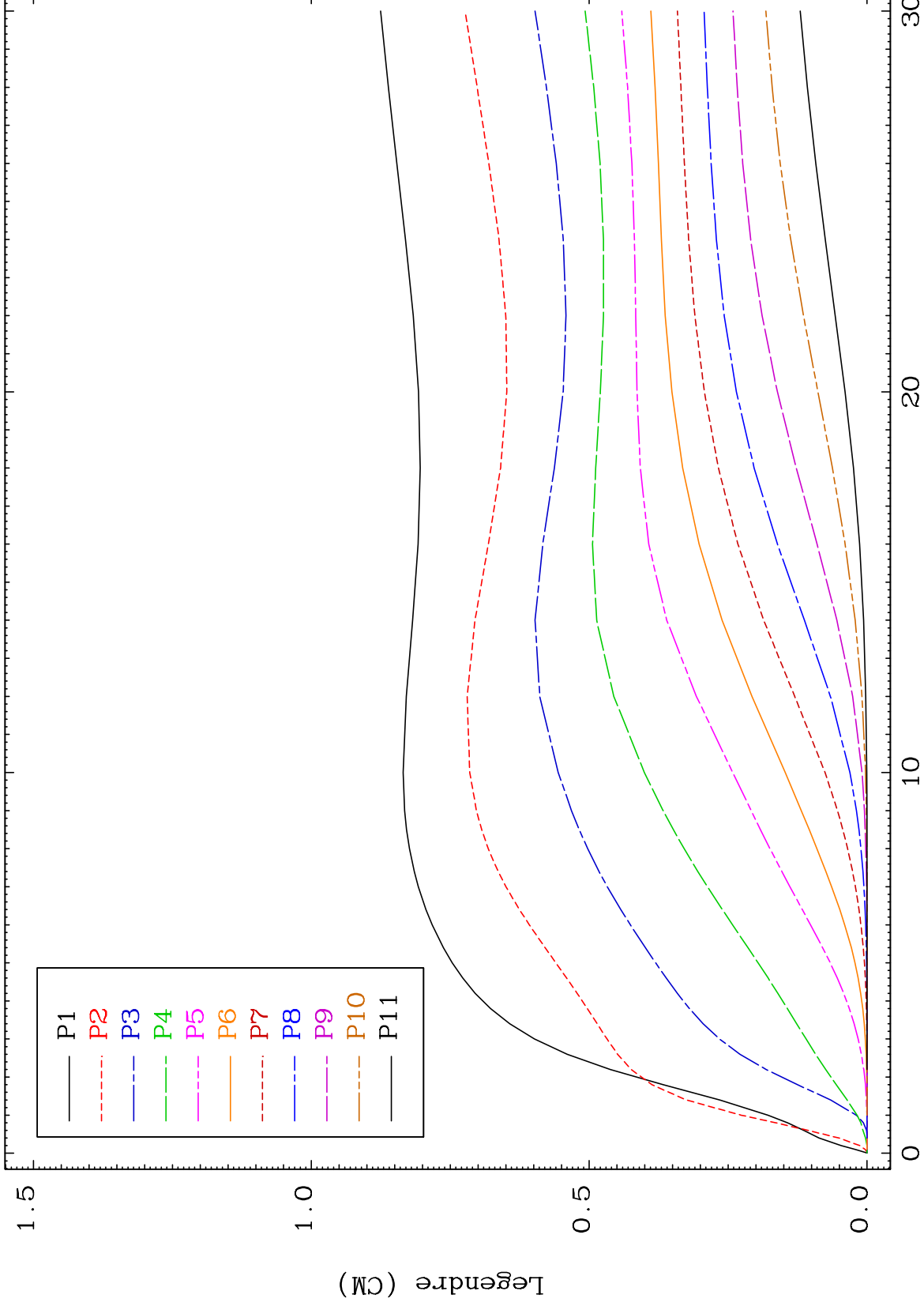




MAT 2419

Elastic Legendre Coefficients

²⁴Cr-48



13

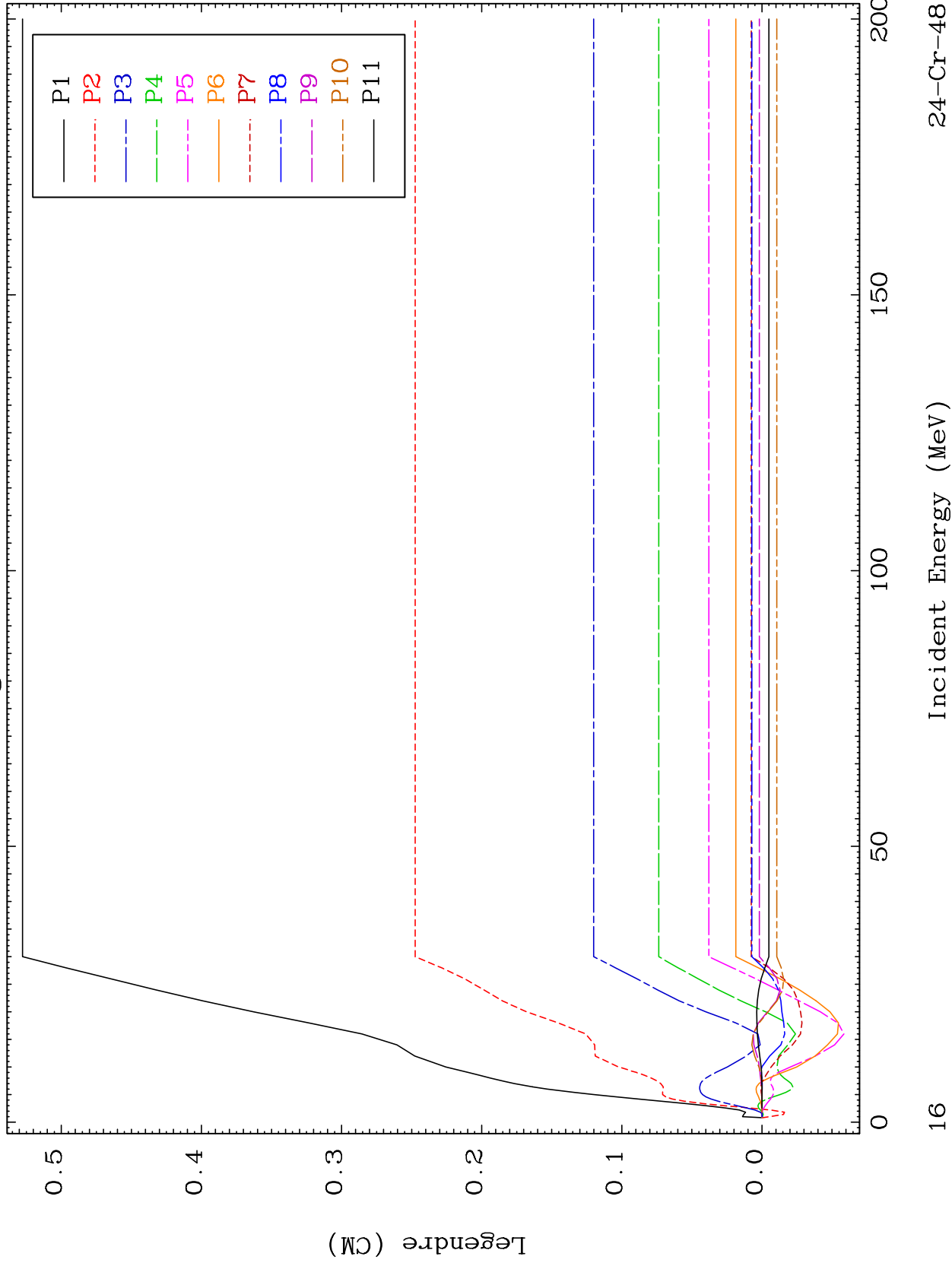
Incident Energy (MeV)

²⁴Cr-48

MAT 2419

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

24-Cr-48



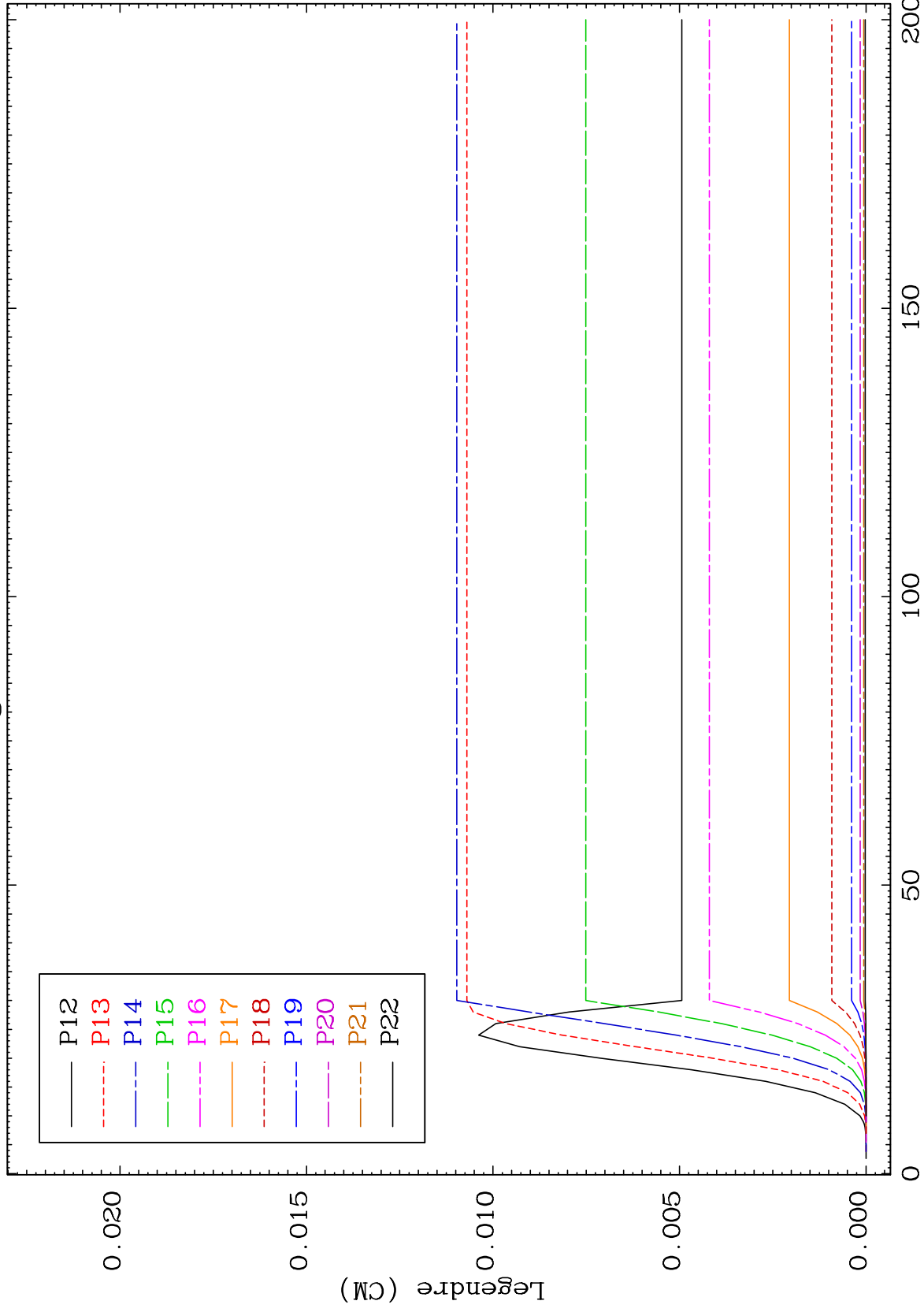
16

24-Cr-48

MAT 2419

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

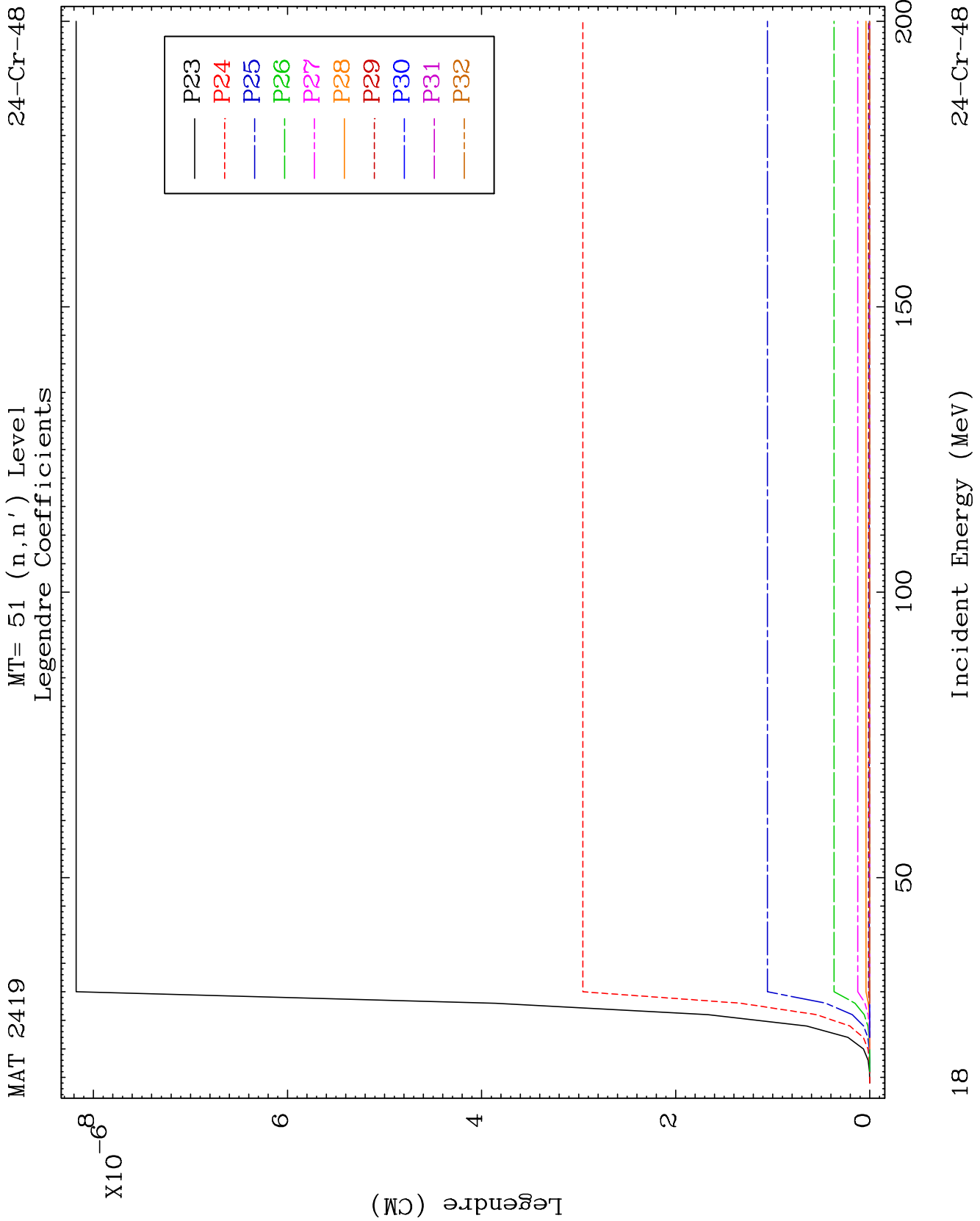
24-Cr-48



17

Incident Energy (MeV)

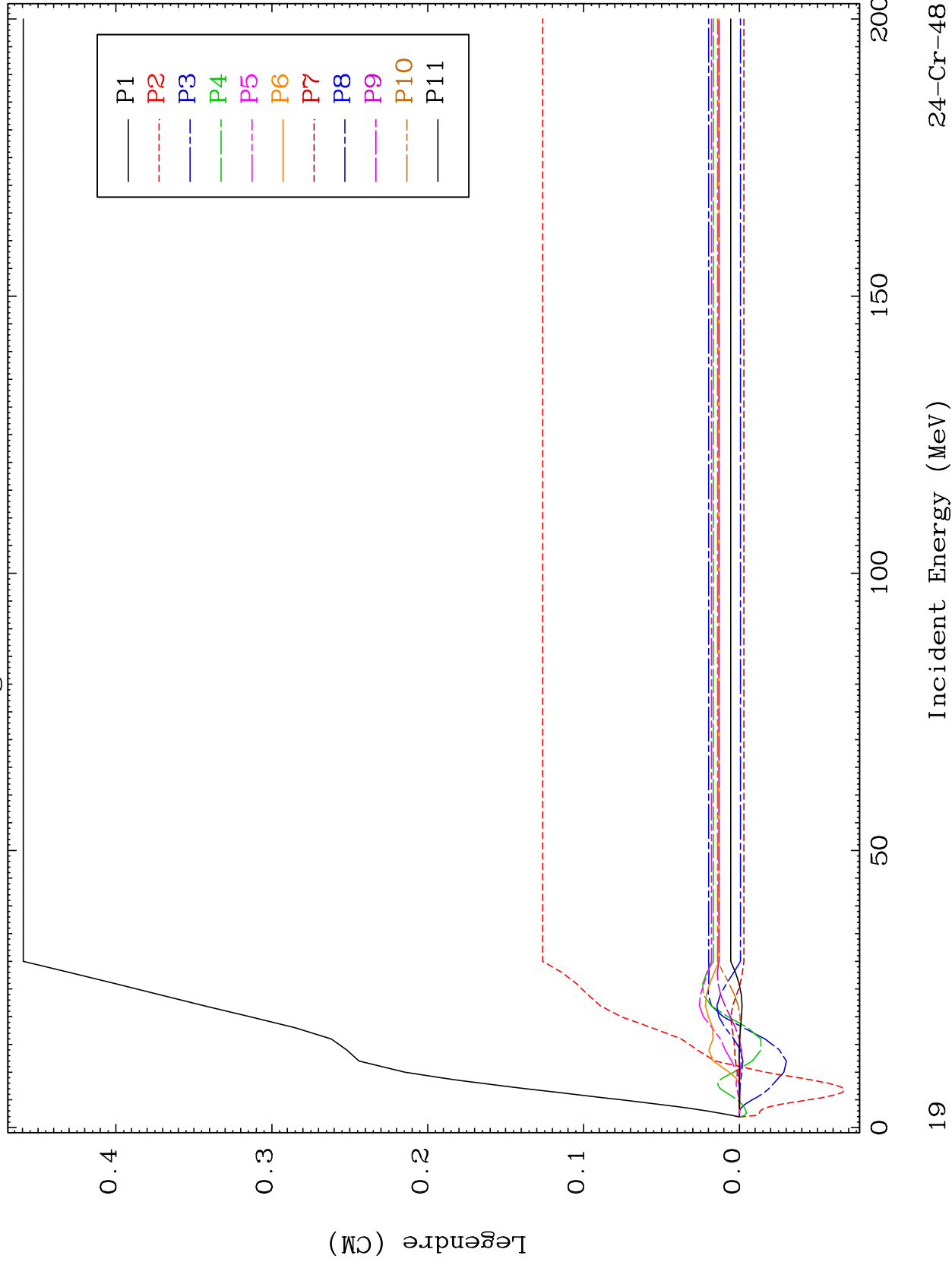
24-Cr-48



MAT 2419

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

24-Cr-48



24-Cr-48

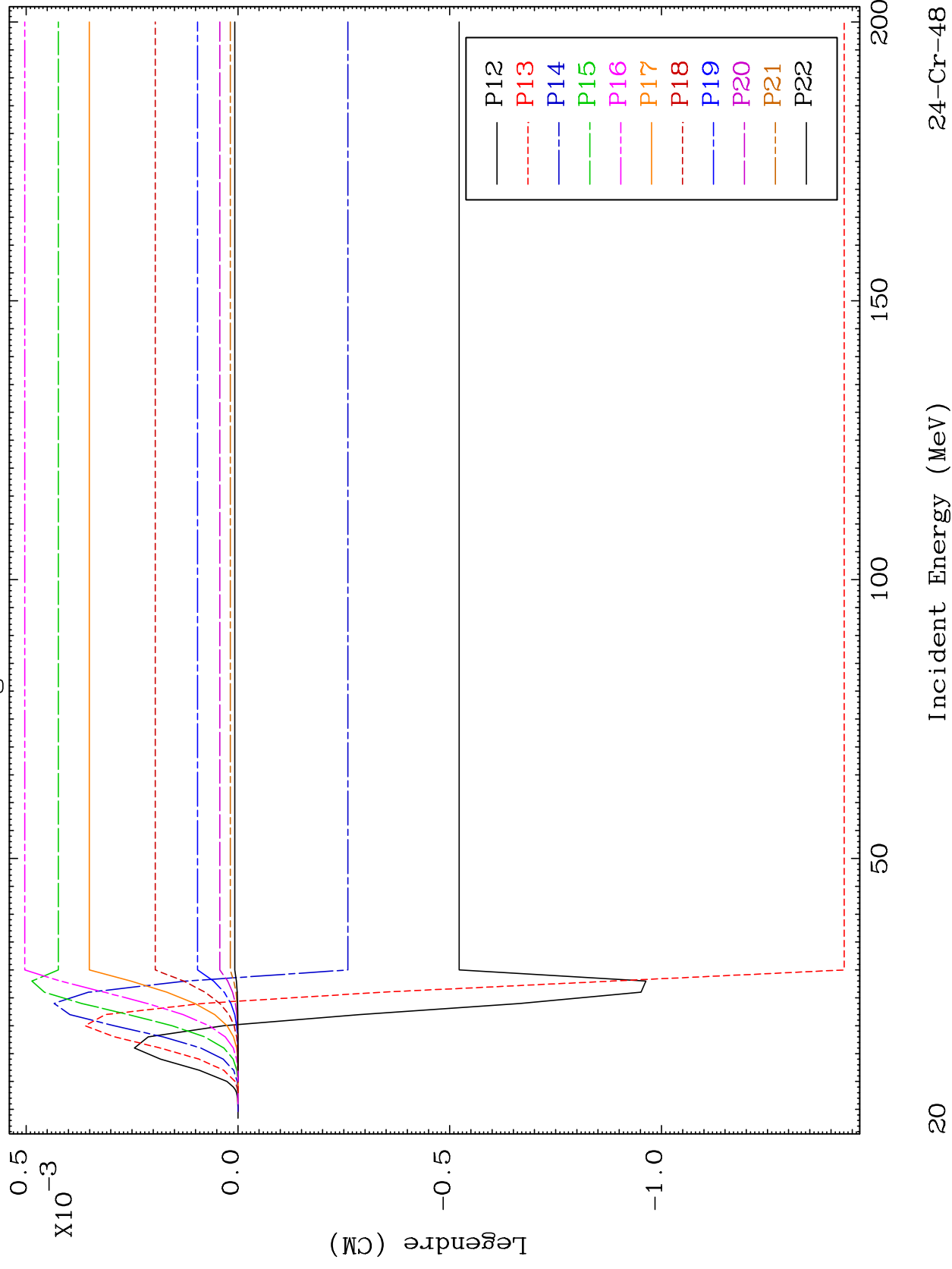
Incident Energy (MeV)

19

MAT 2419

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

24-Cr-48



20

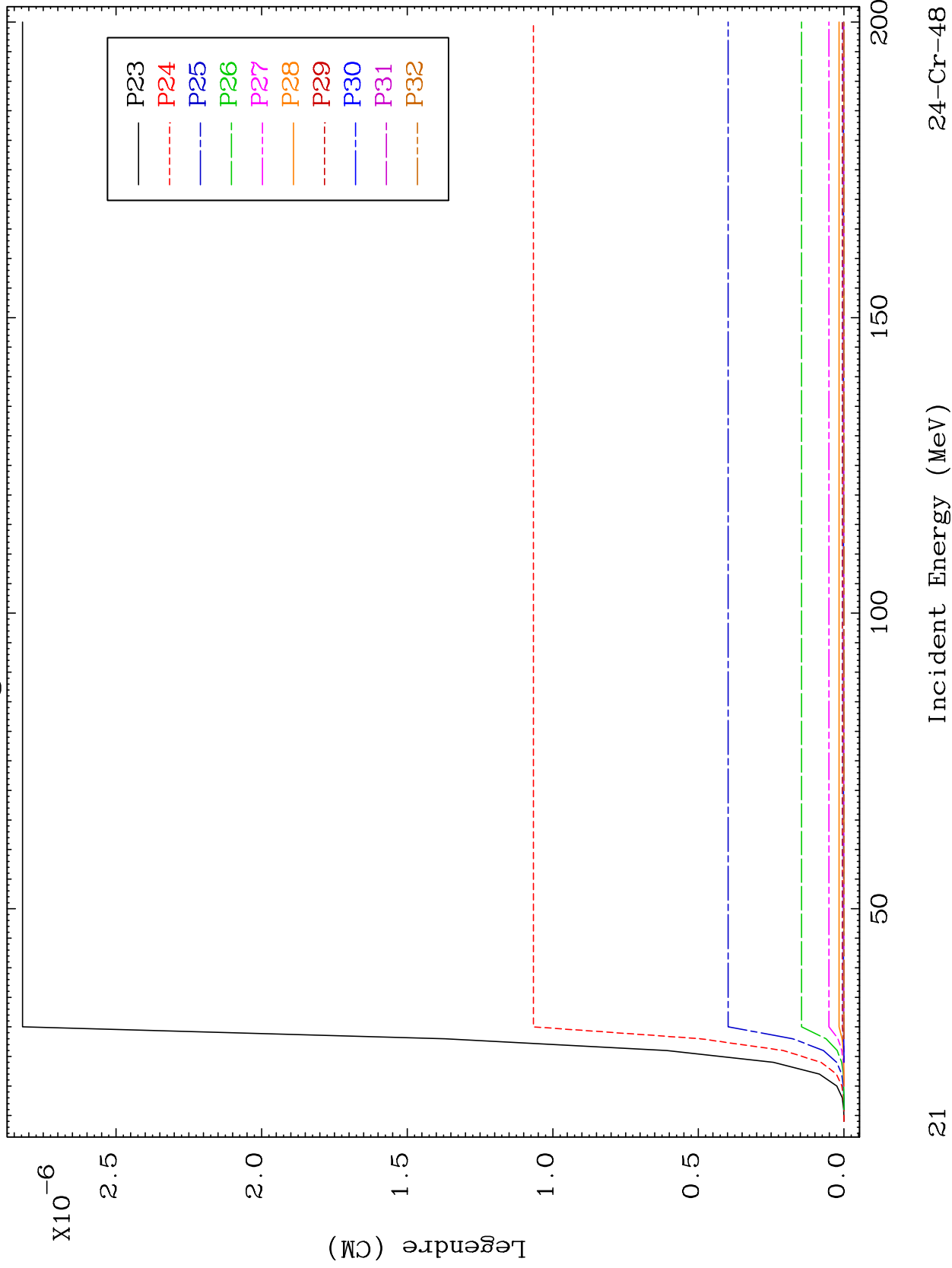
Incident Energy (MeV)

24-Cr-48

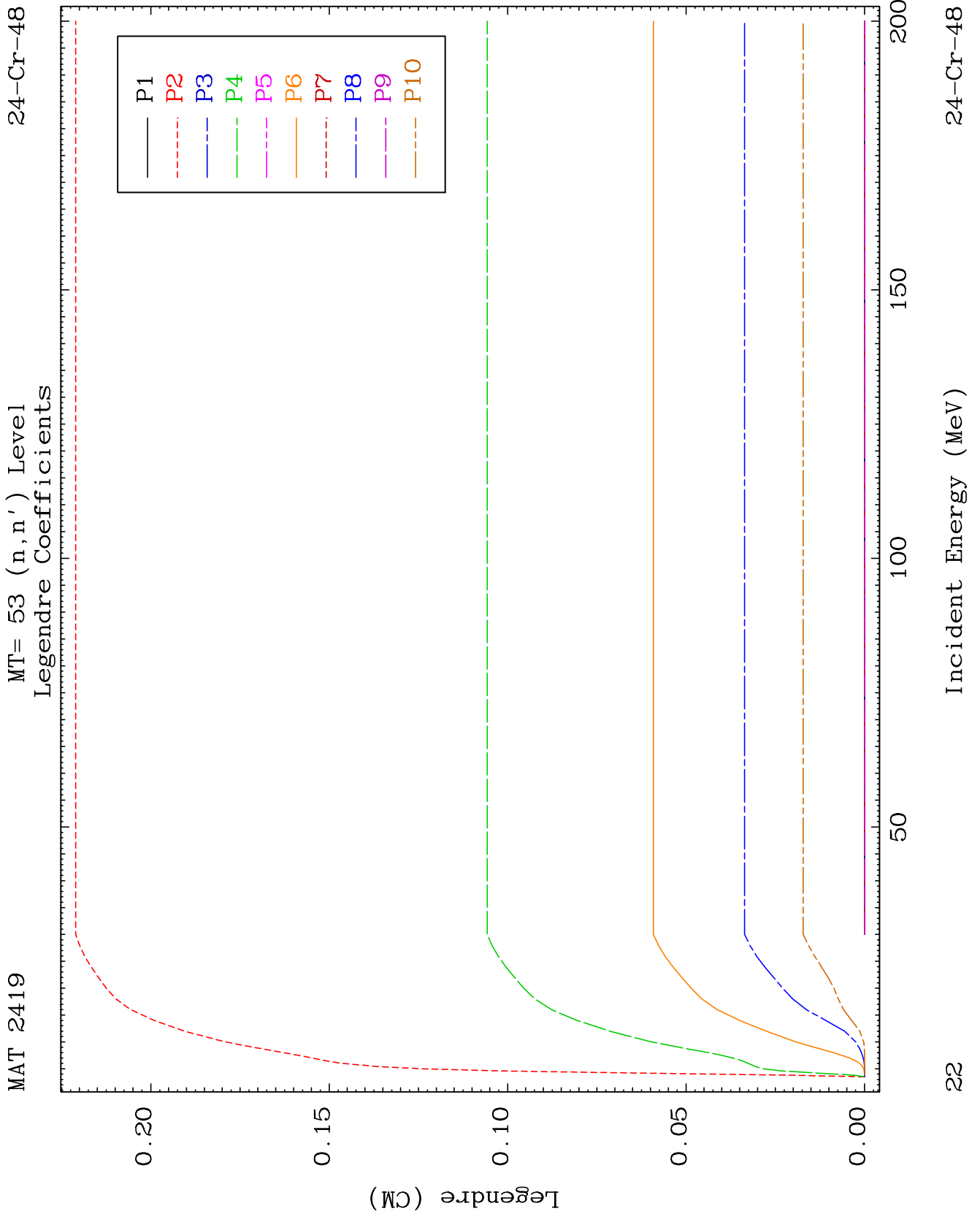
MAT 2419

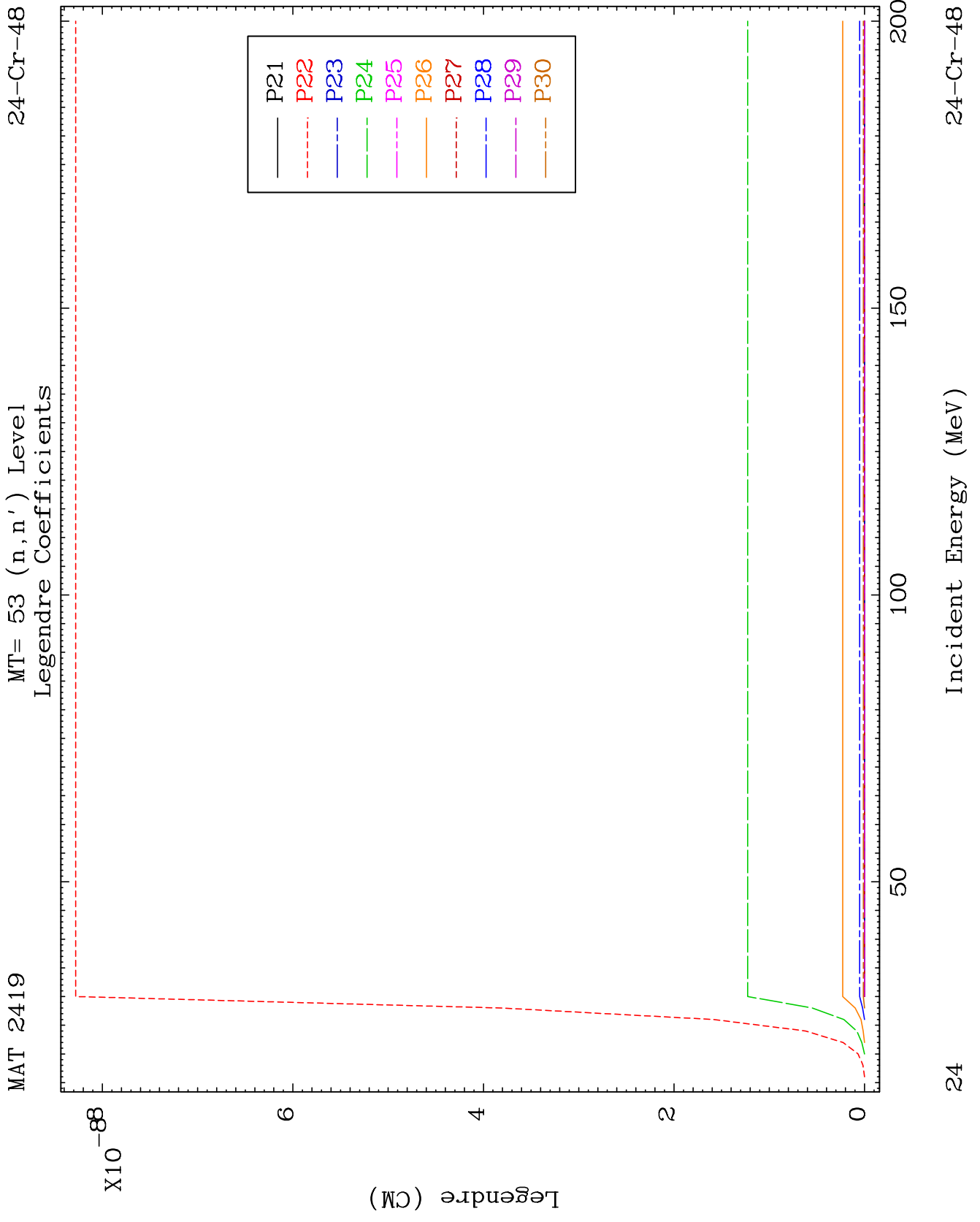
MT= 52 (n,n') Level
Legendre Coefficients

24-Cr-48



21

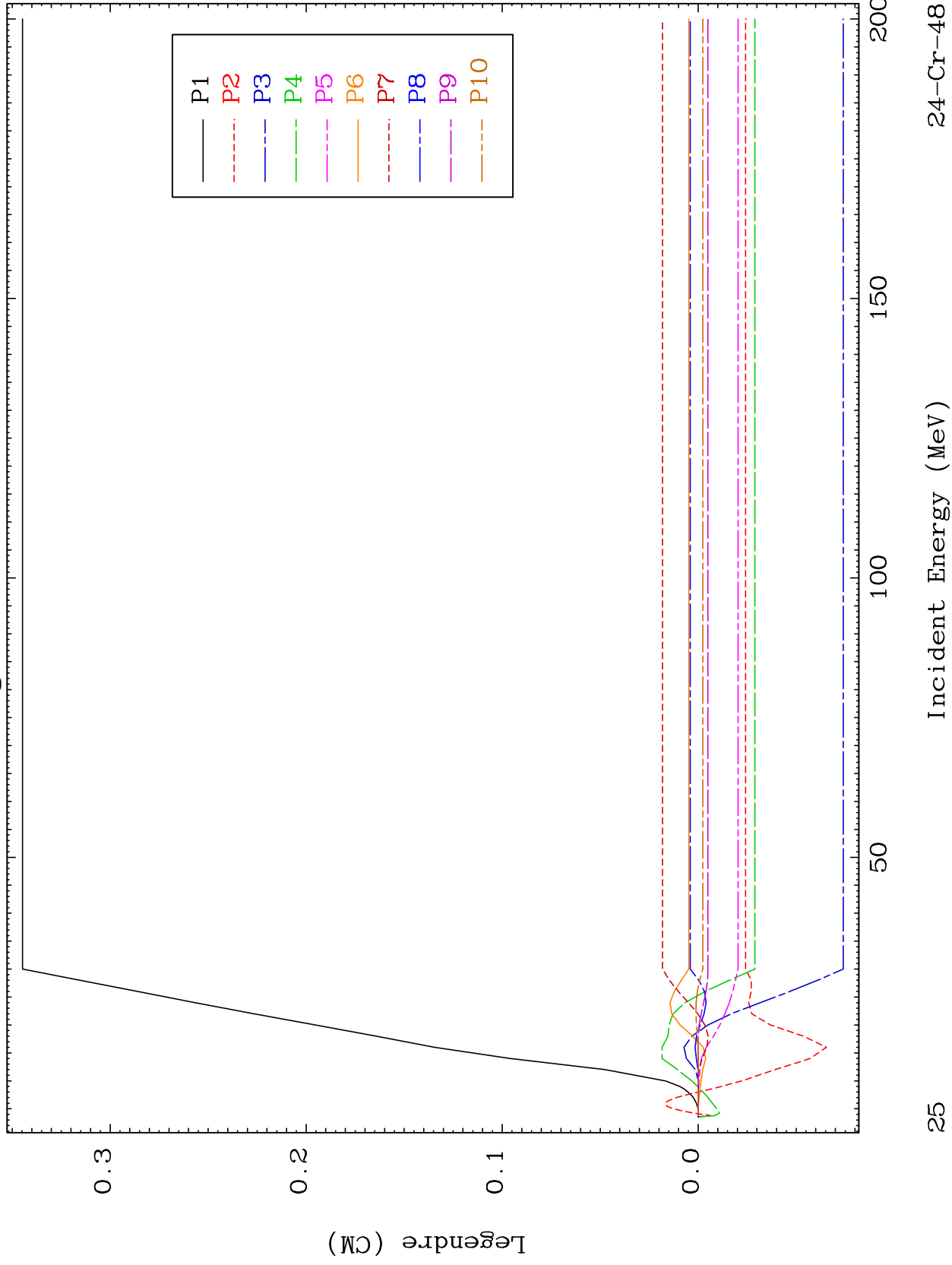




MAT 2419

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

24-Cr-48



25

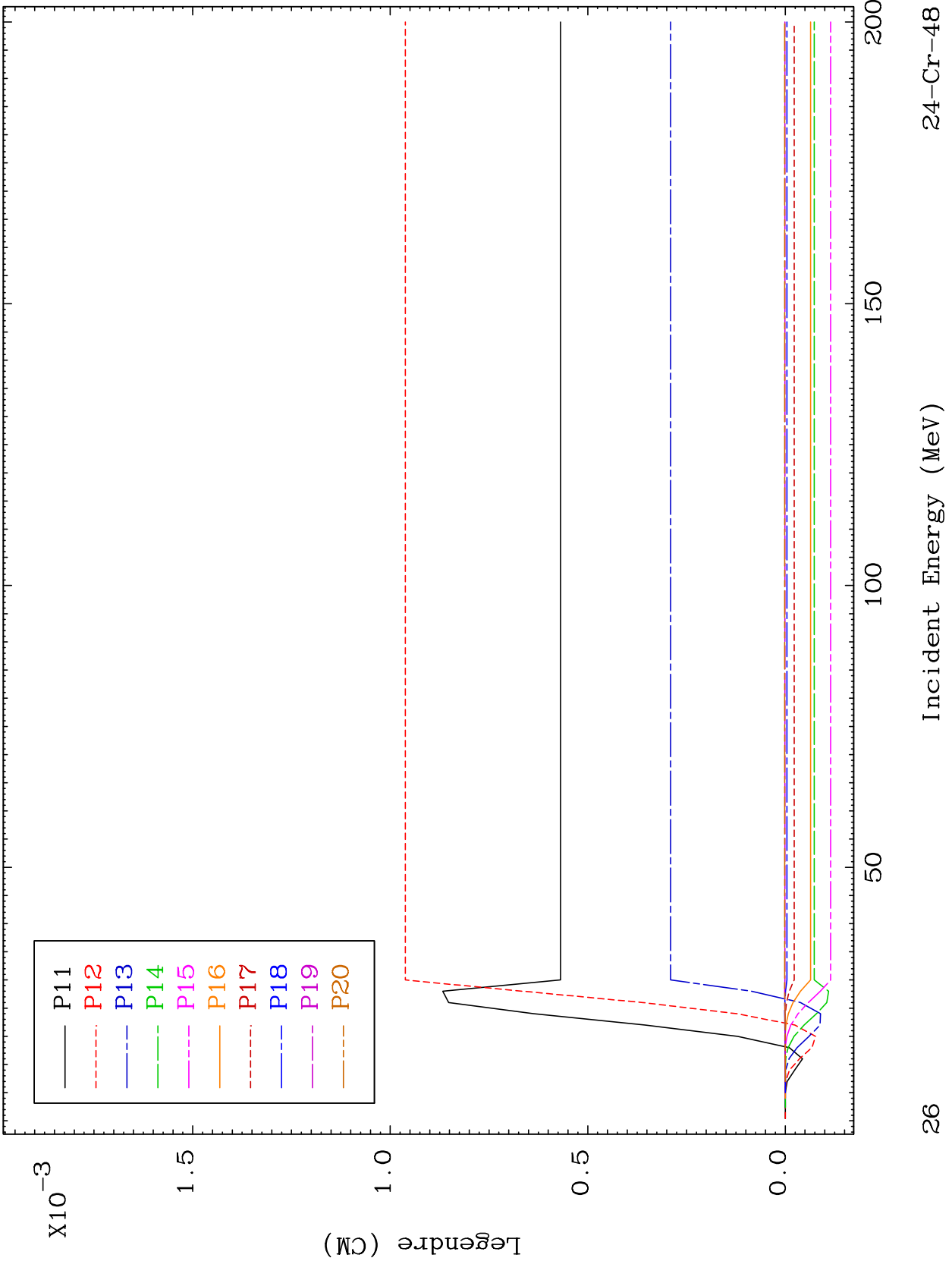
Incident Energy (MeV)

24-Cr-48

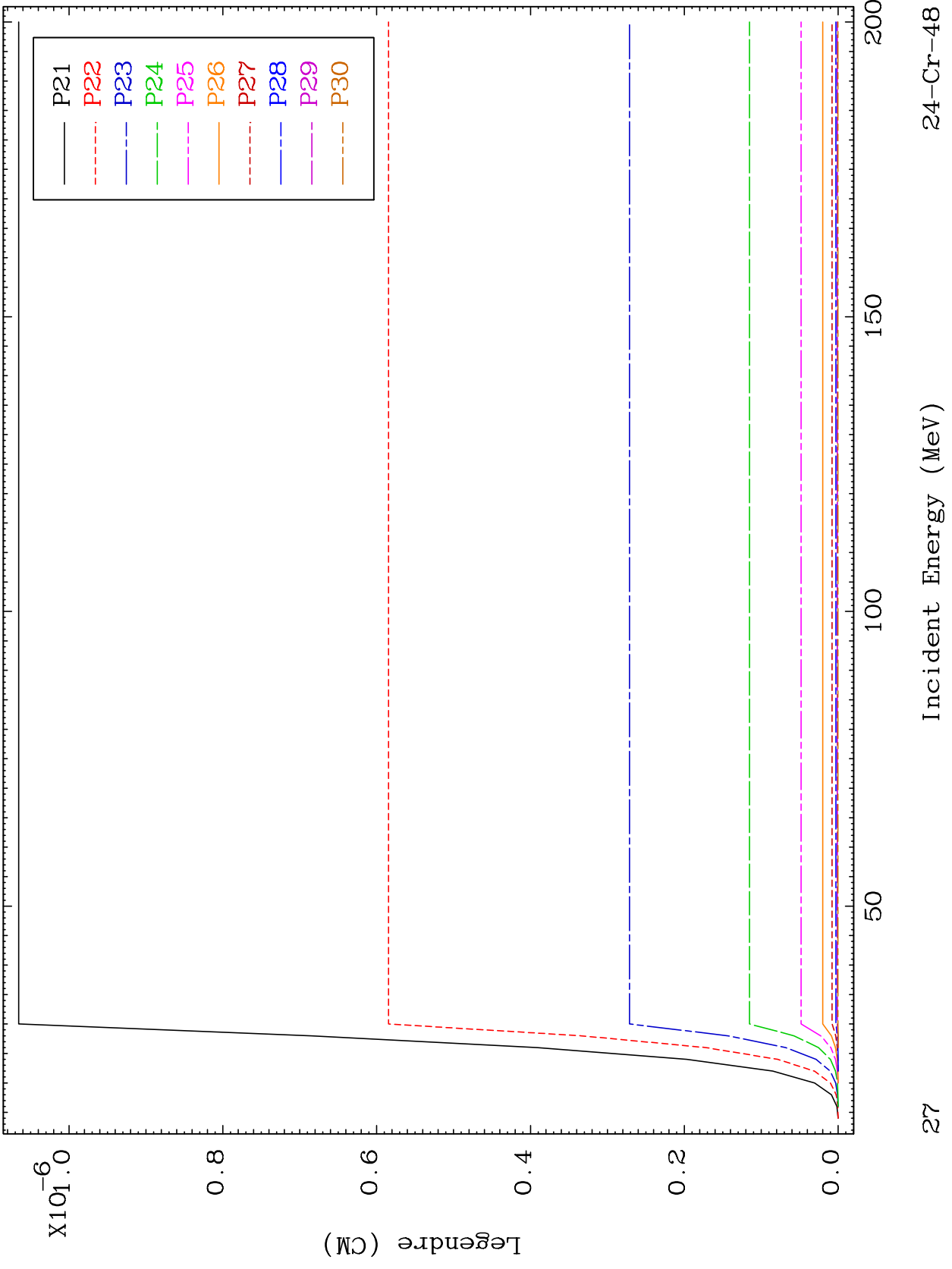
MAT 2419

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

24-Cr-48



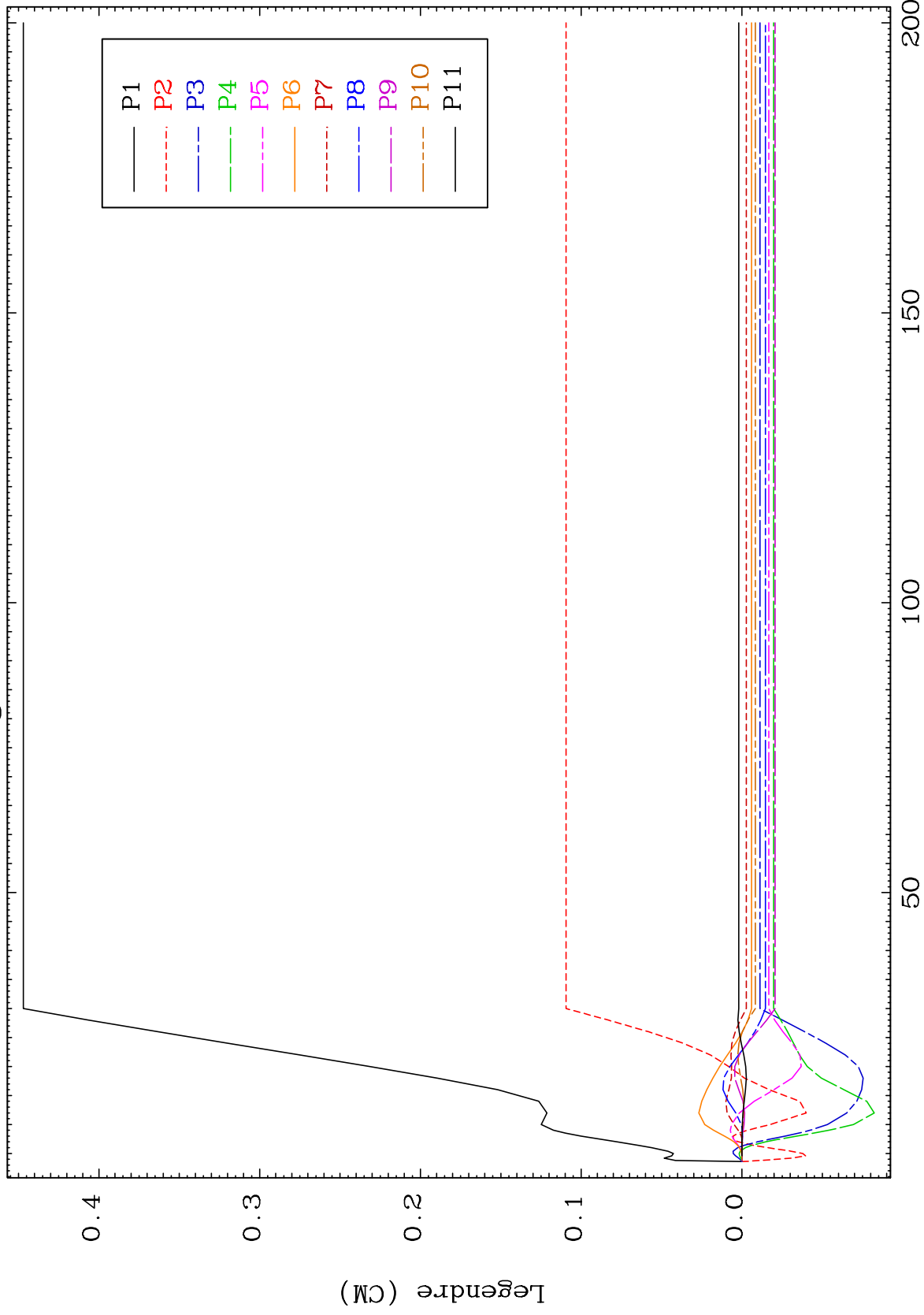
MAT 2419 MT= 54 (n,n') Level Legendre Coefficients 24-Cr-48



MAT 2419

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

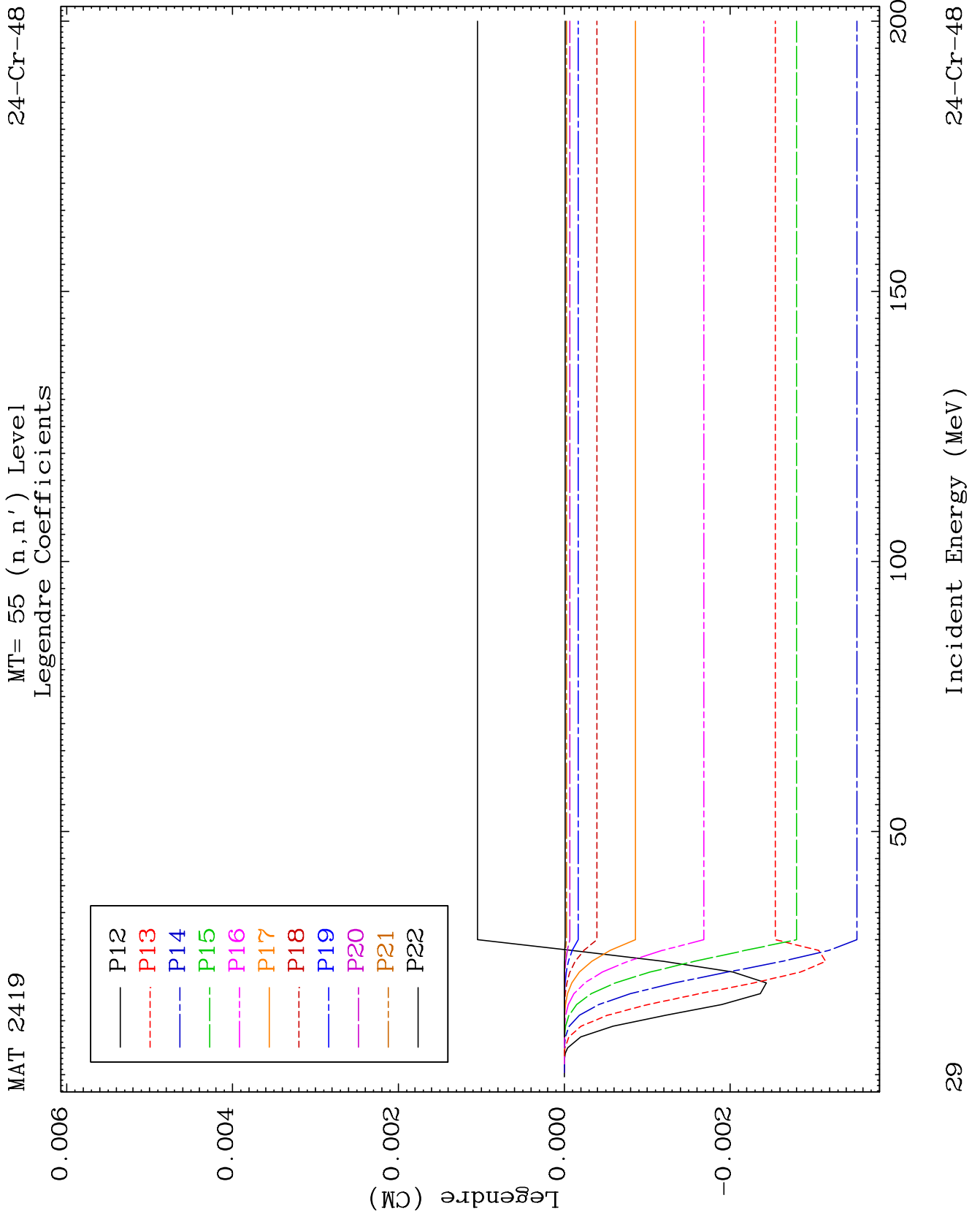
24-Cr-48

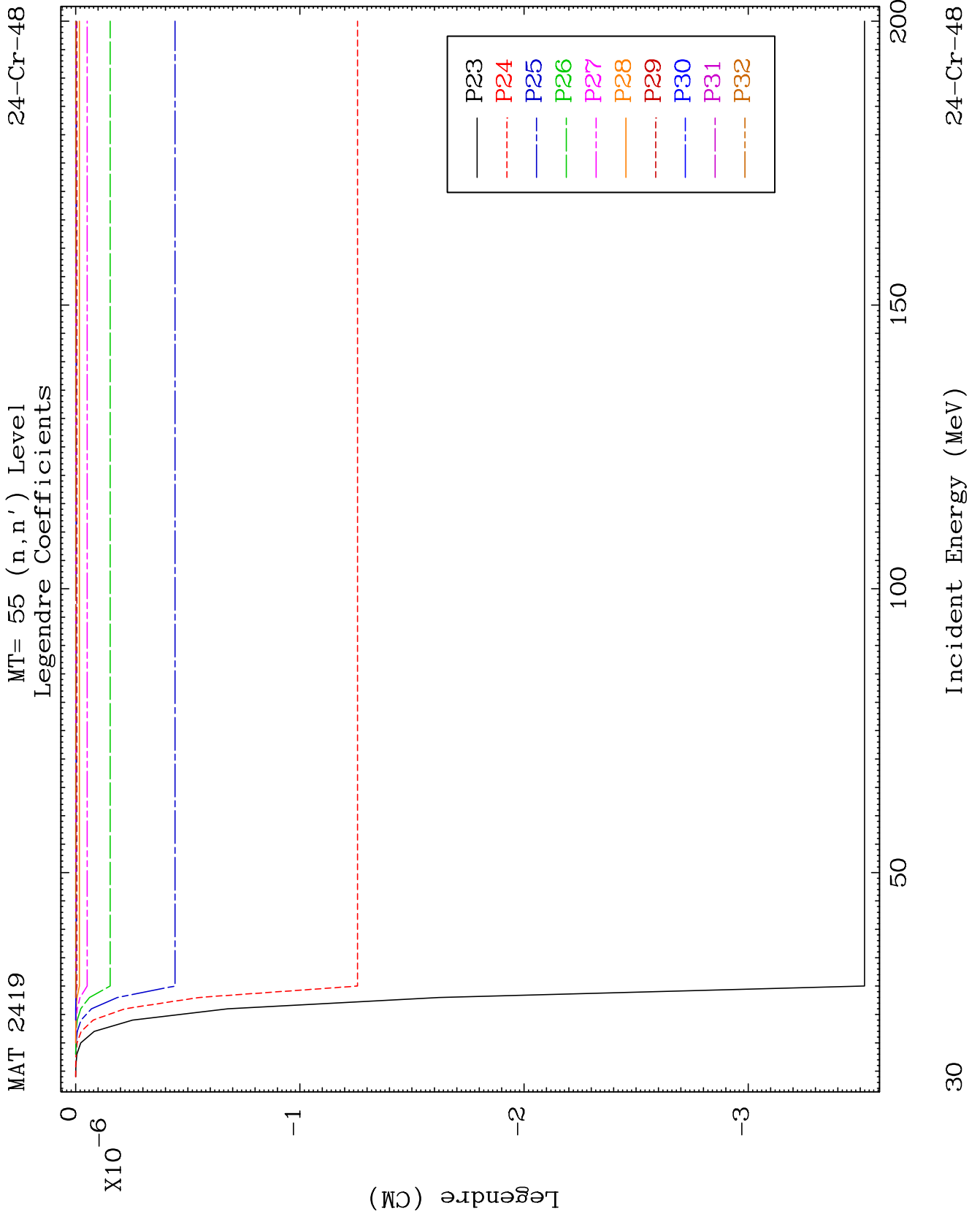


28

Incident Energy (MeV)

24-Cr-48

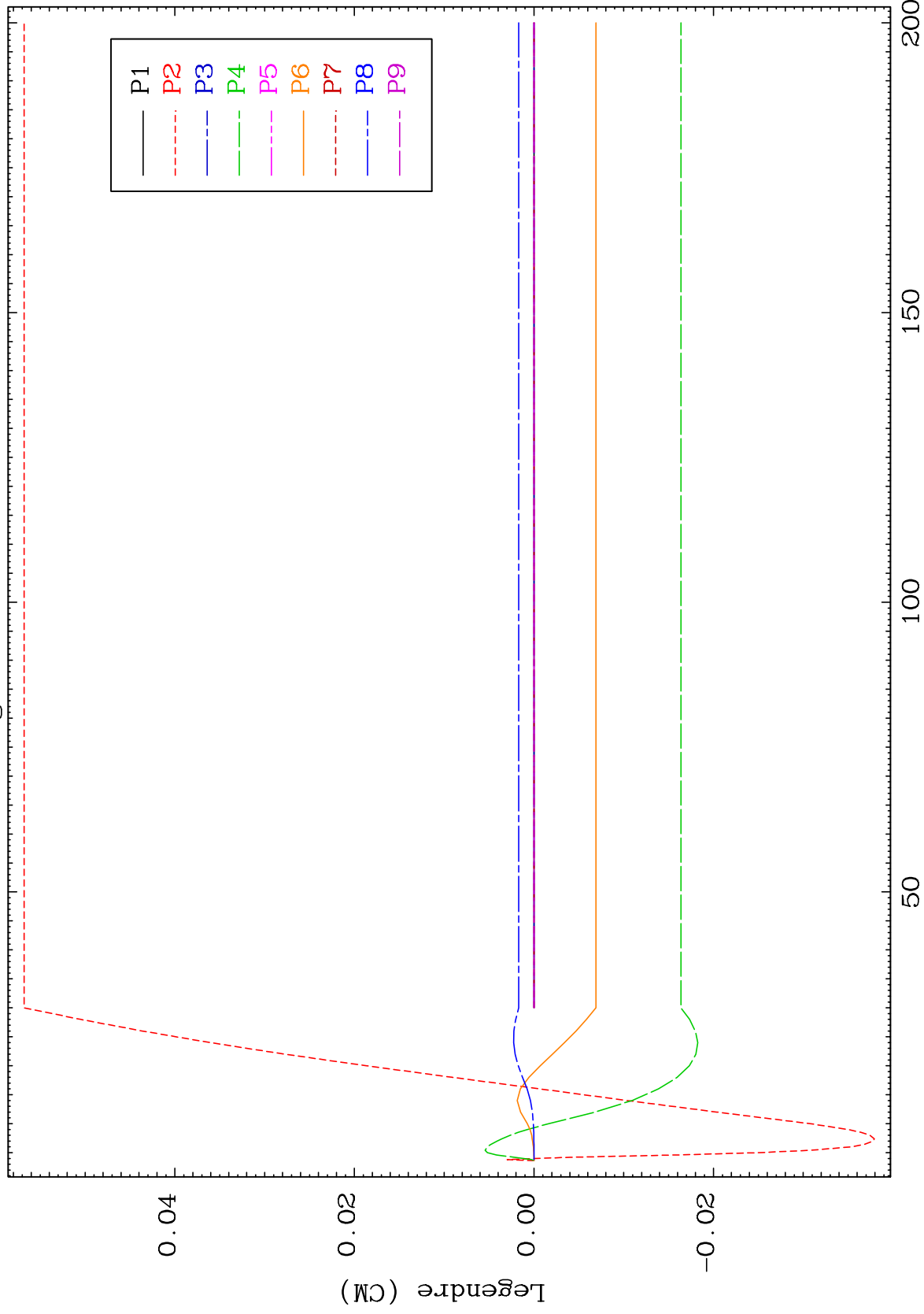




MAT 2419

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

24-Cr-48



31

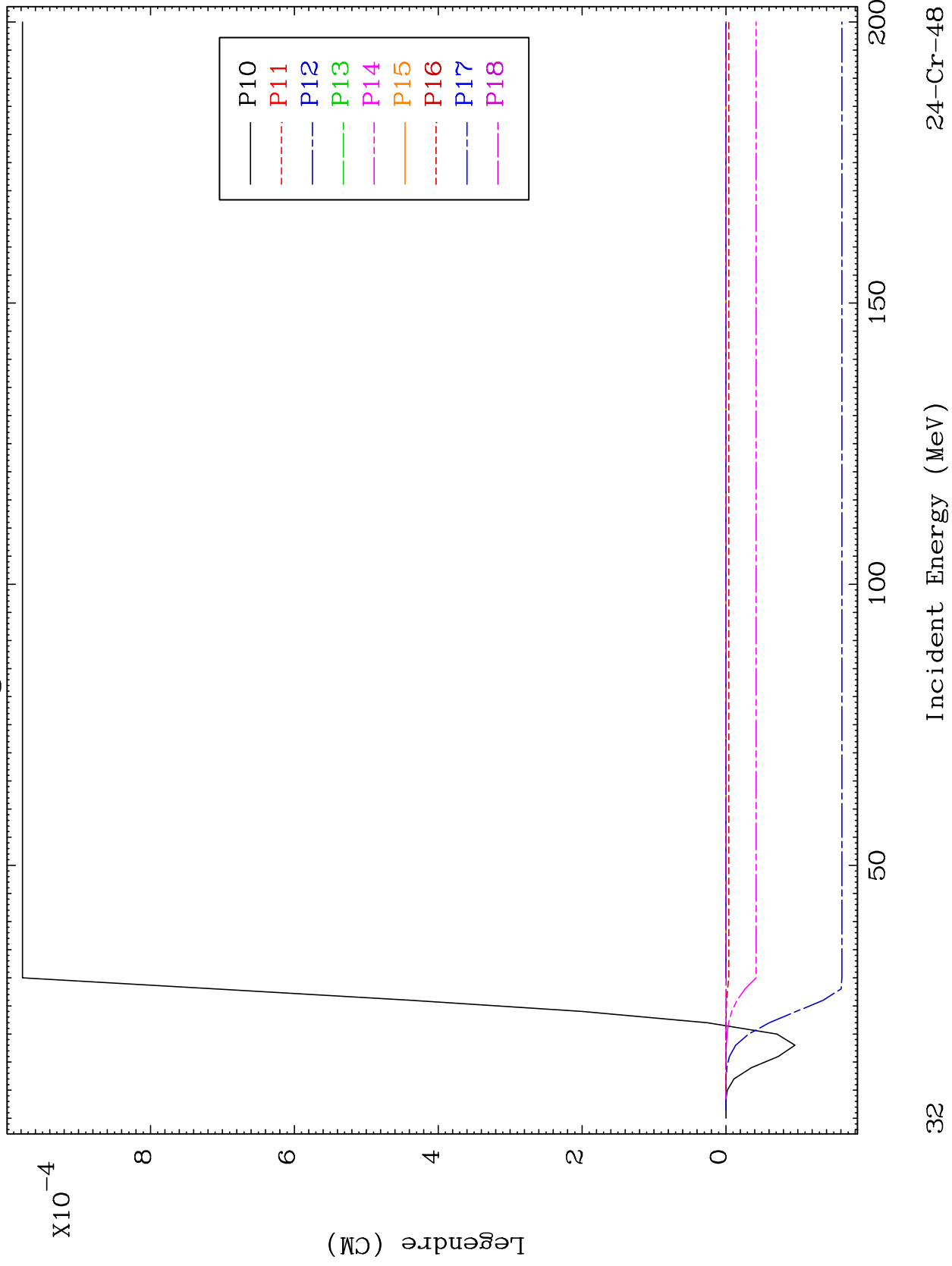
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



32

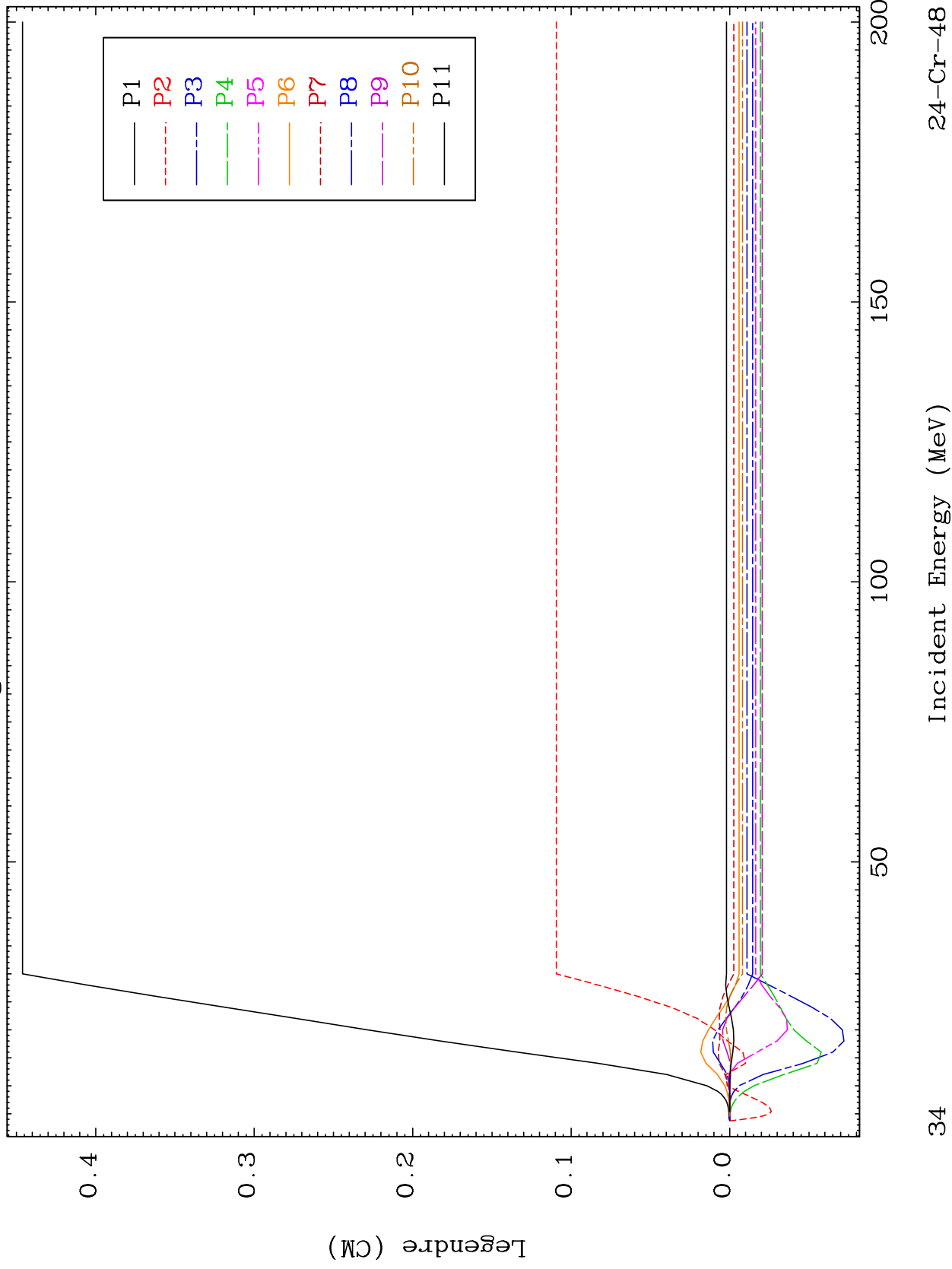
Incident Energy (MeV)

24-Cr-48

MAT 2419

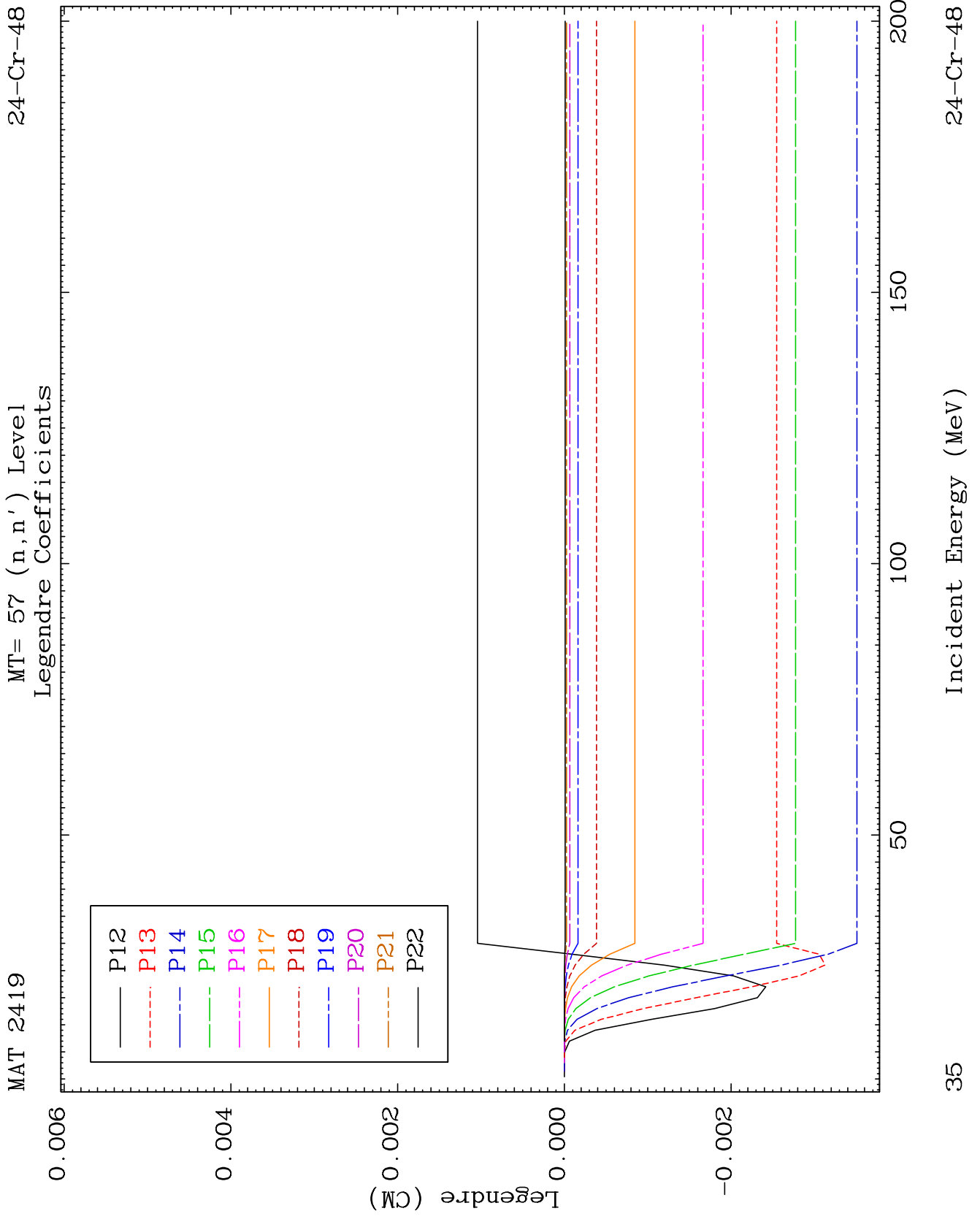
MT= 57 (n,n') Level
Legendre Coefficients

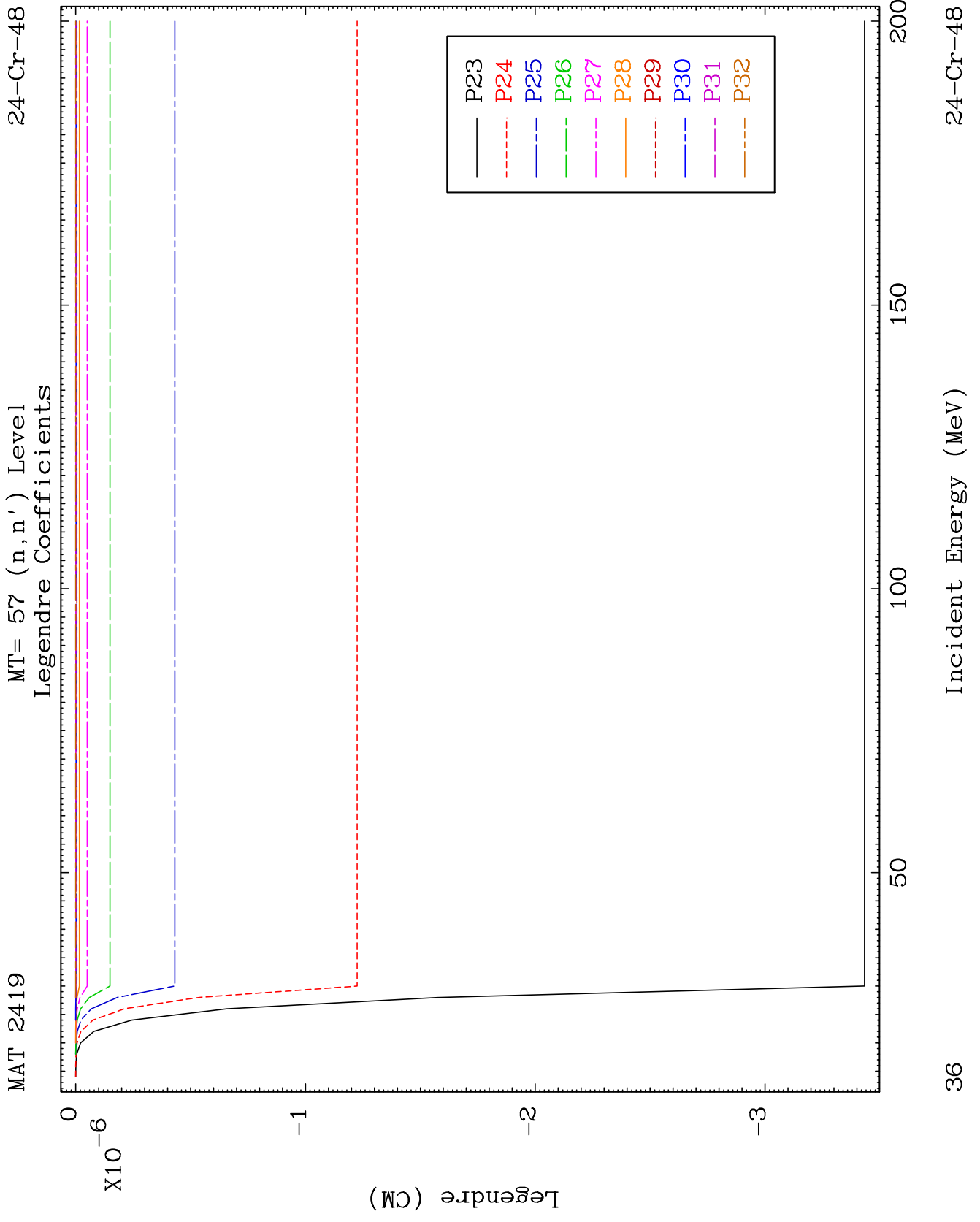
24-Cr-48

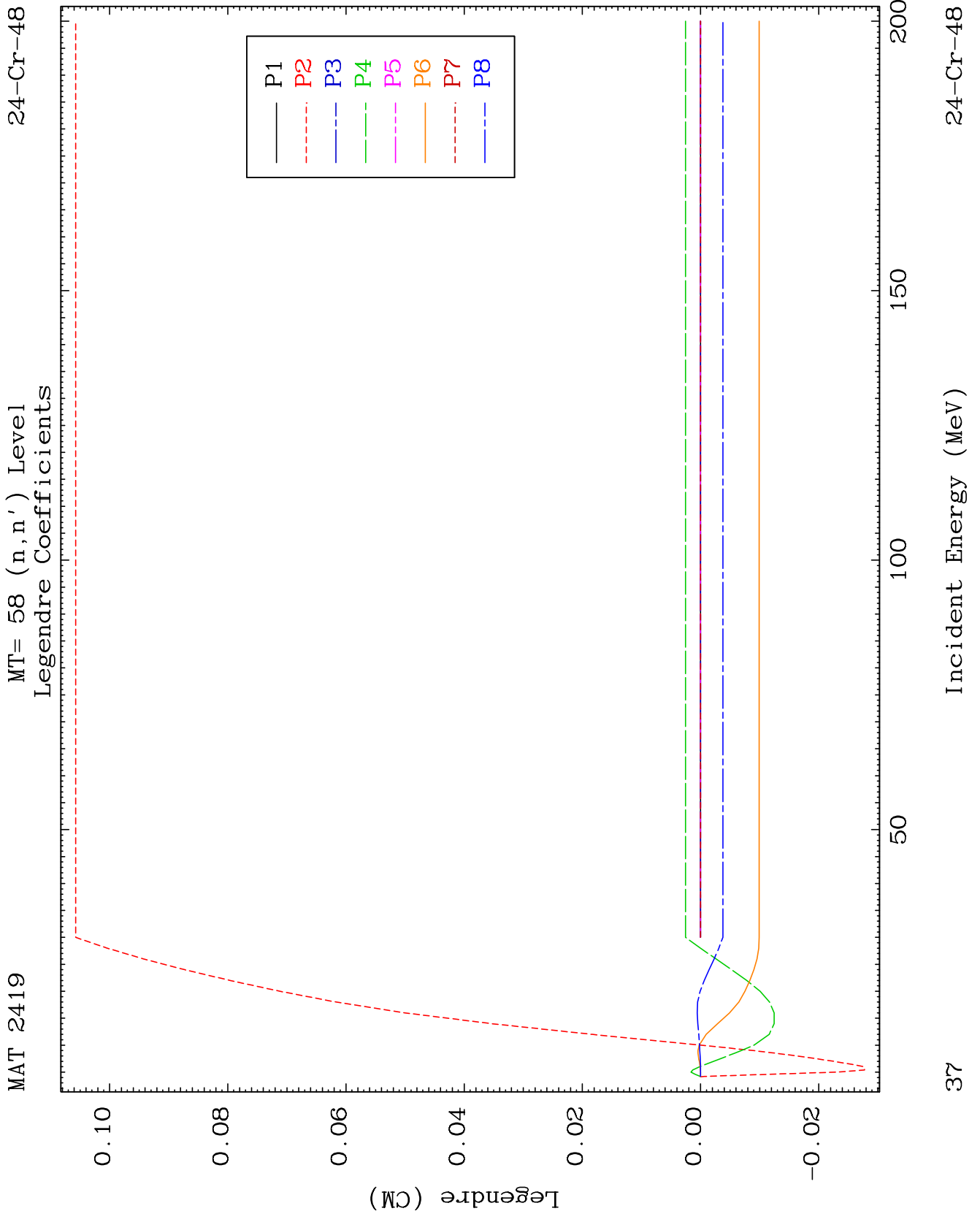


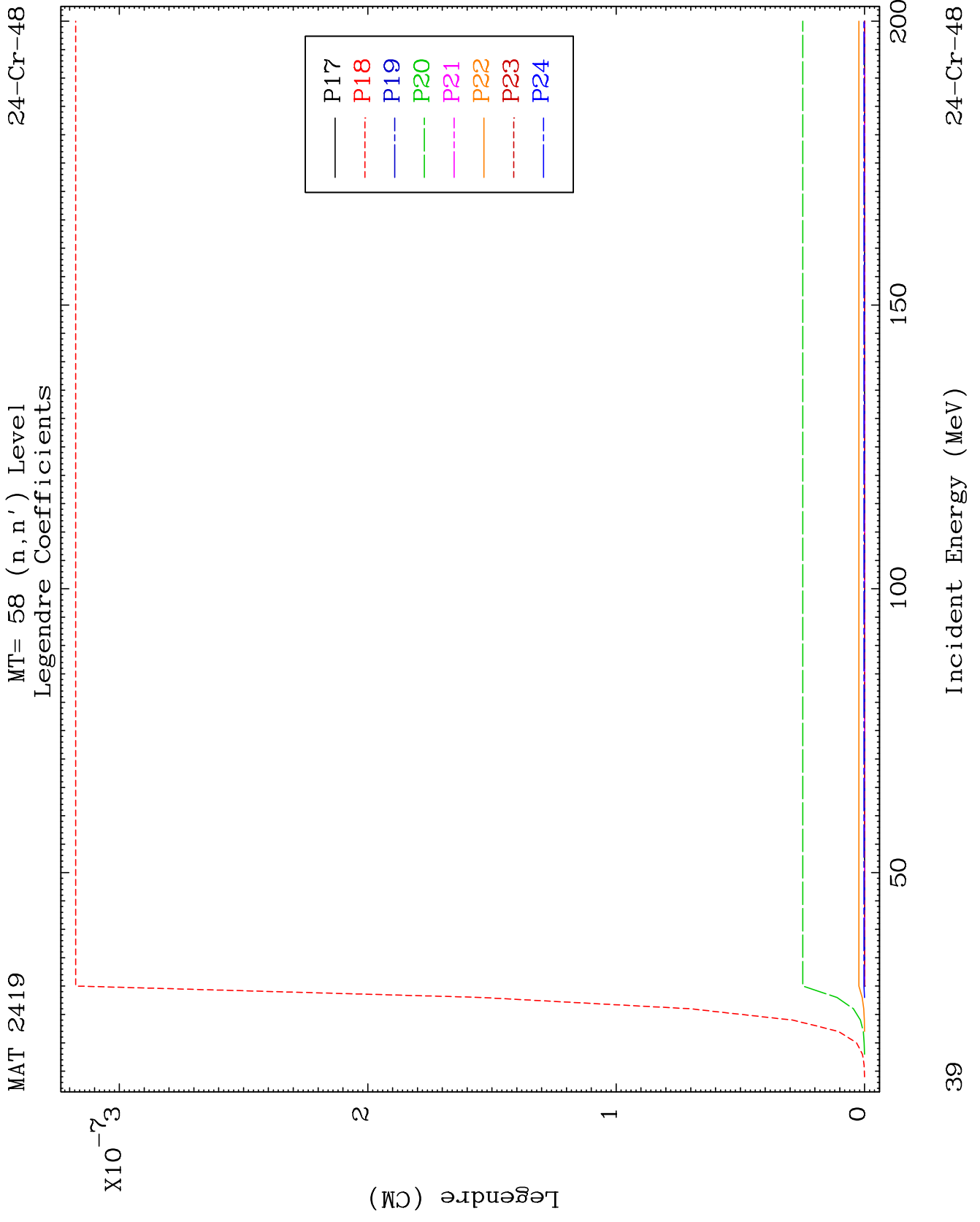
34

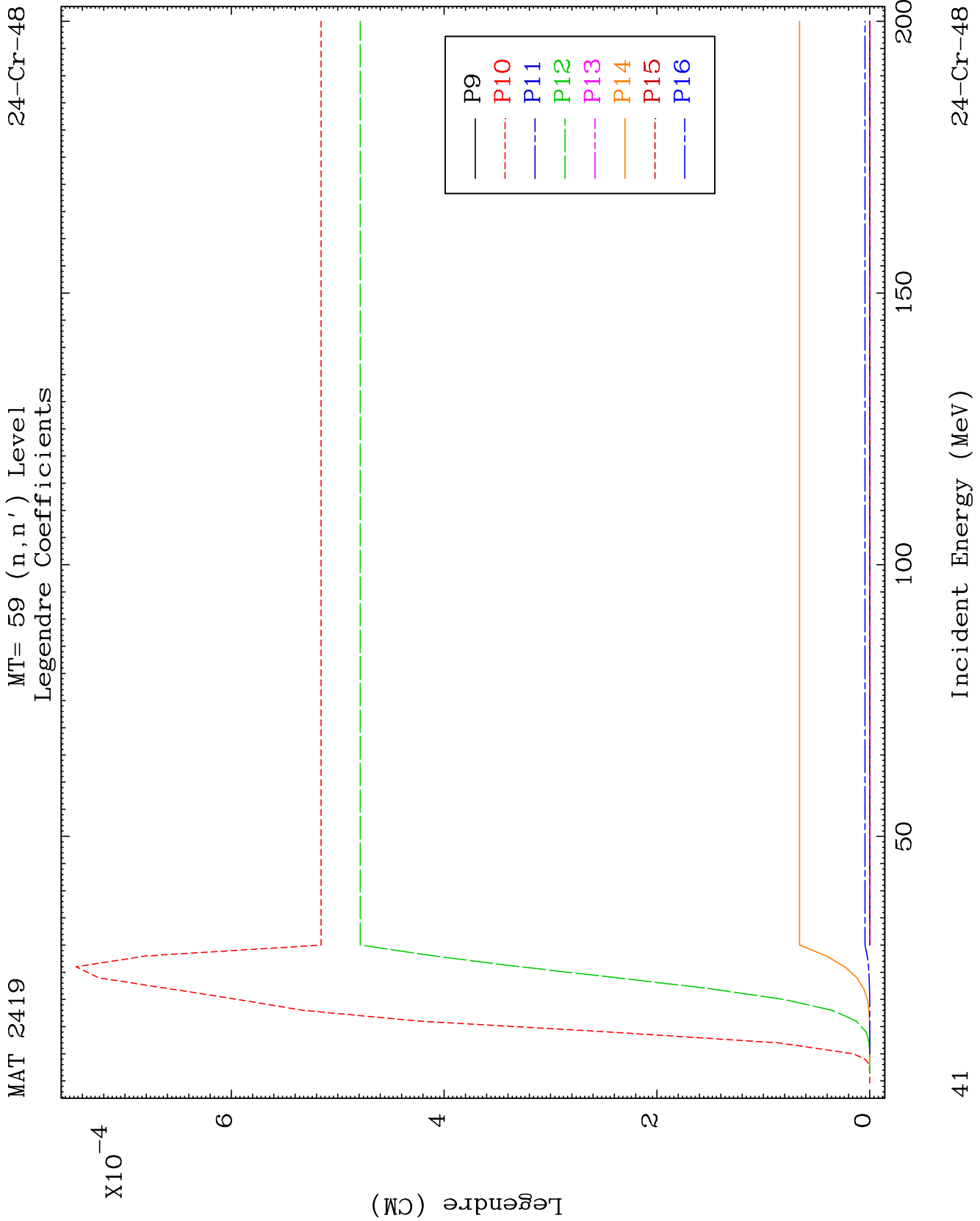
24-Cr-48









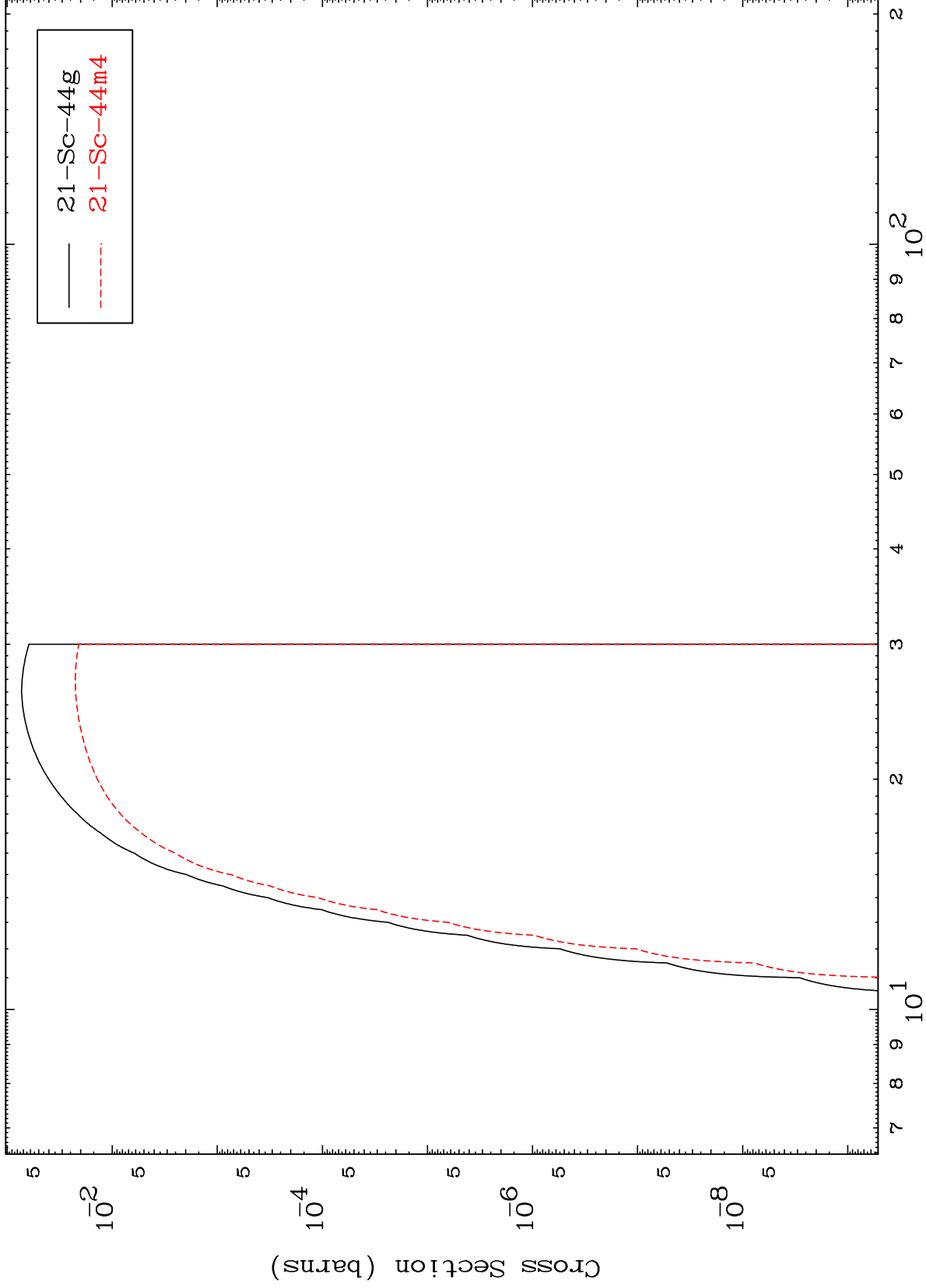


MAT 2419

(n,p) α

24-Cr-48

Radionuclide Production Cross Section



43

Incident Energy (MeV)

24-Cr-48