

Program EVALPLOT
(Version 2018-1)

by

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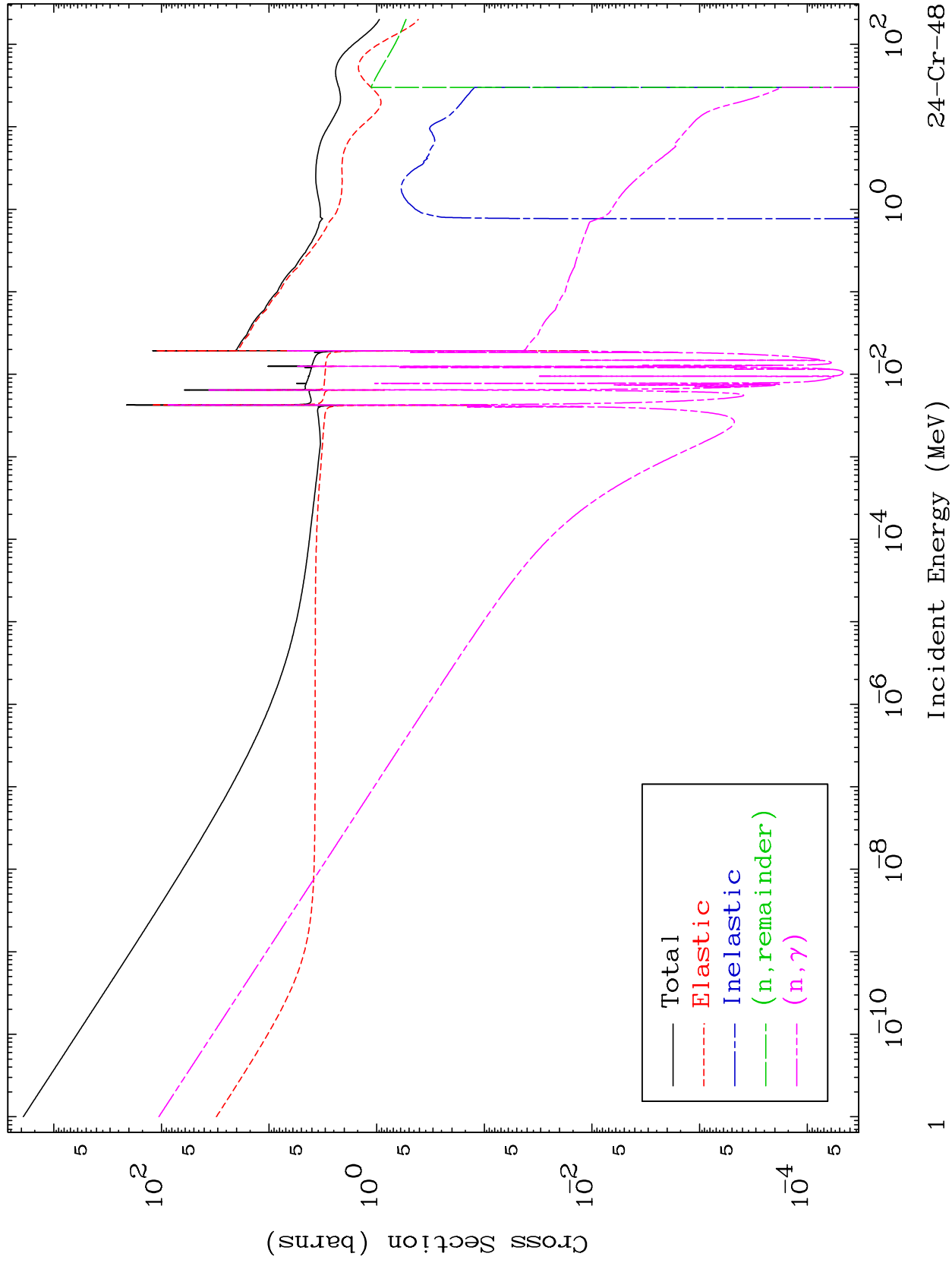
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2419

Major
293 Kelvin Cross Sections

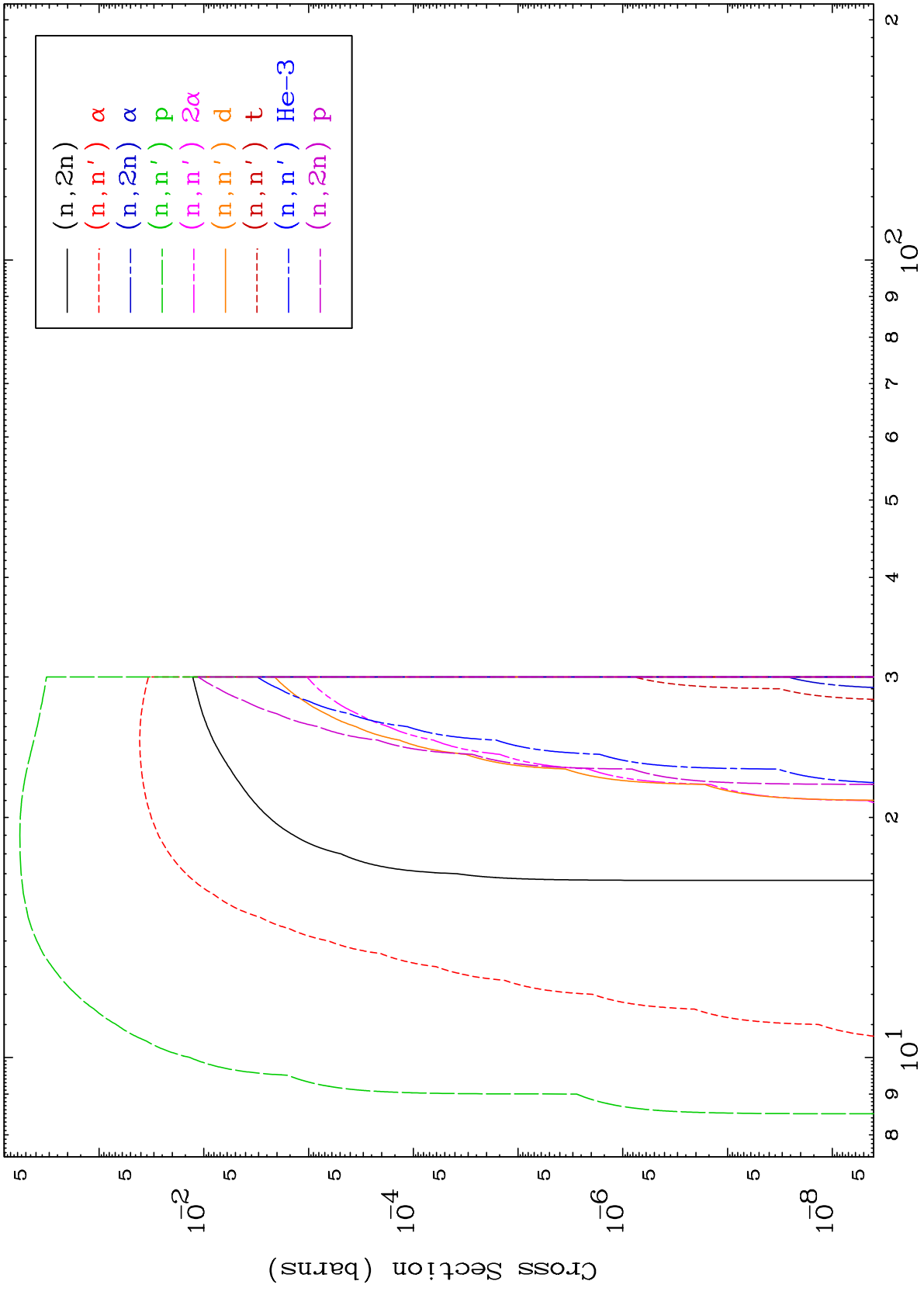
24-Cr-48



MAT 2419

Neutron Production
293 Kelvin Cross Sections

24-Cr-48



2

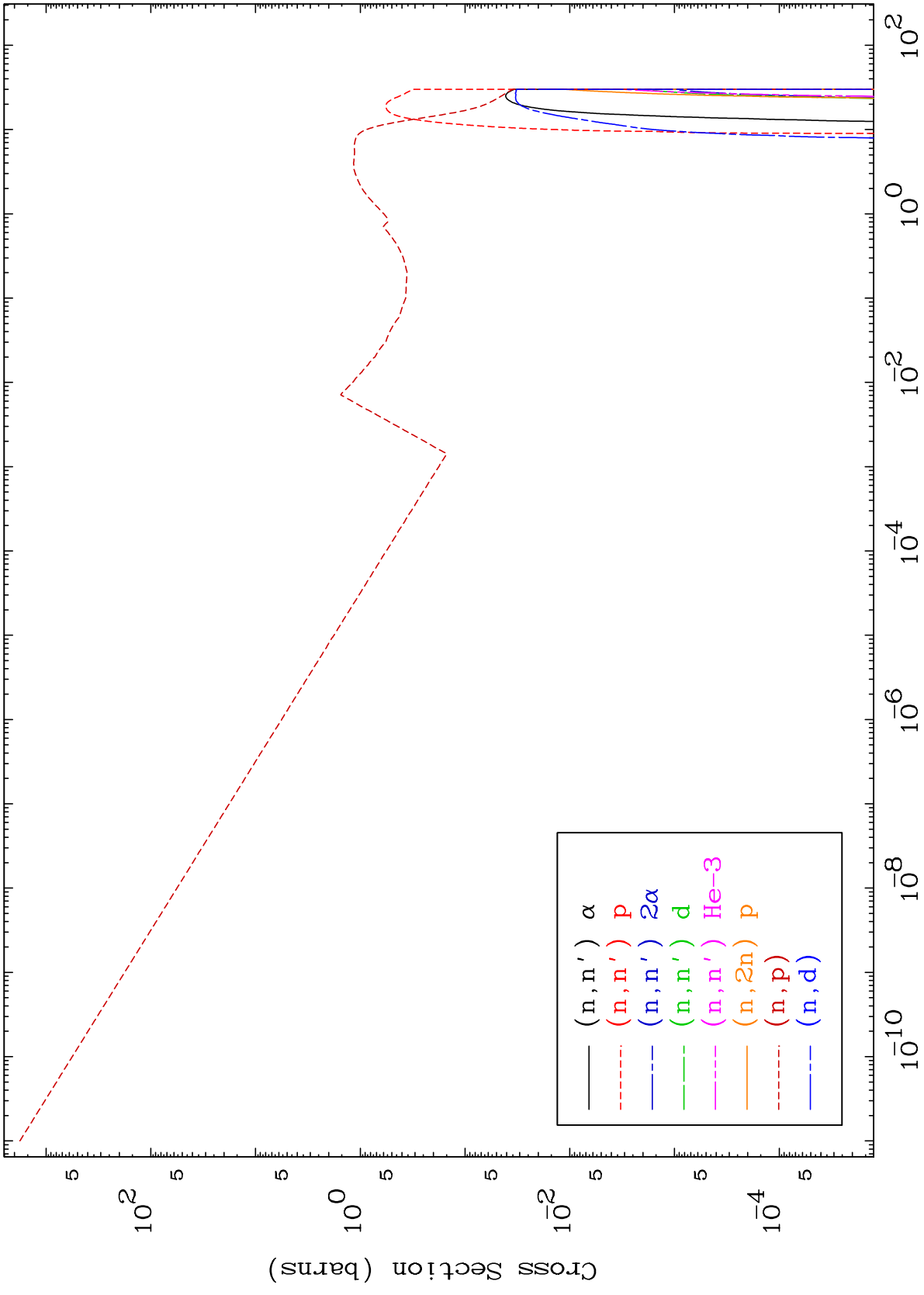
Incident Energy (MeV)

24-Cr-48

MAT 2419

293 Kelvin Cross Sections

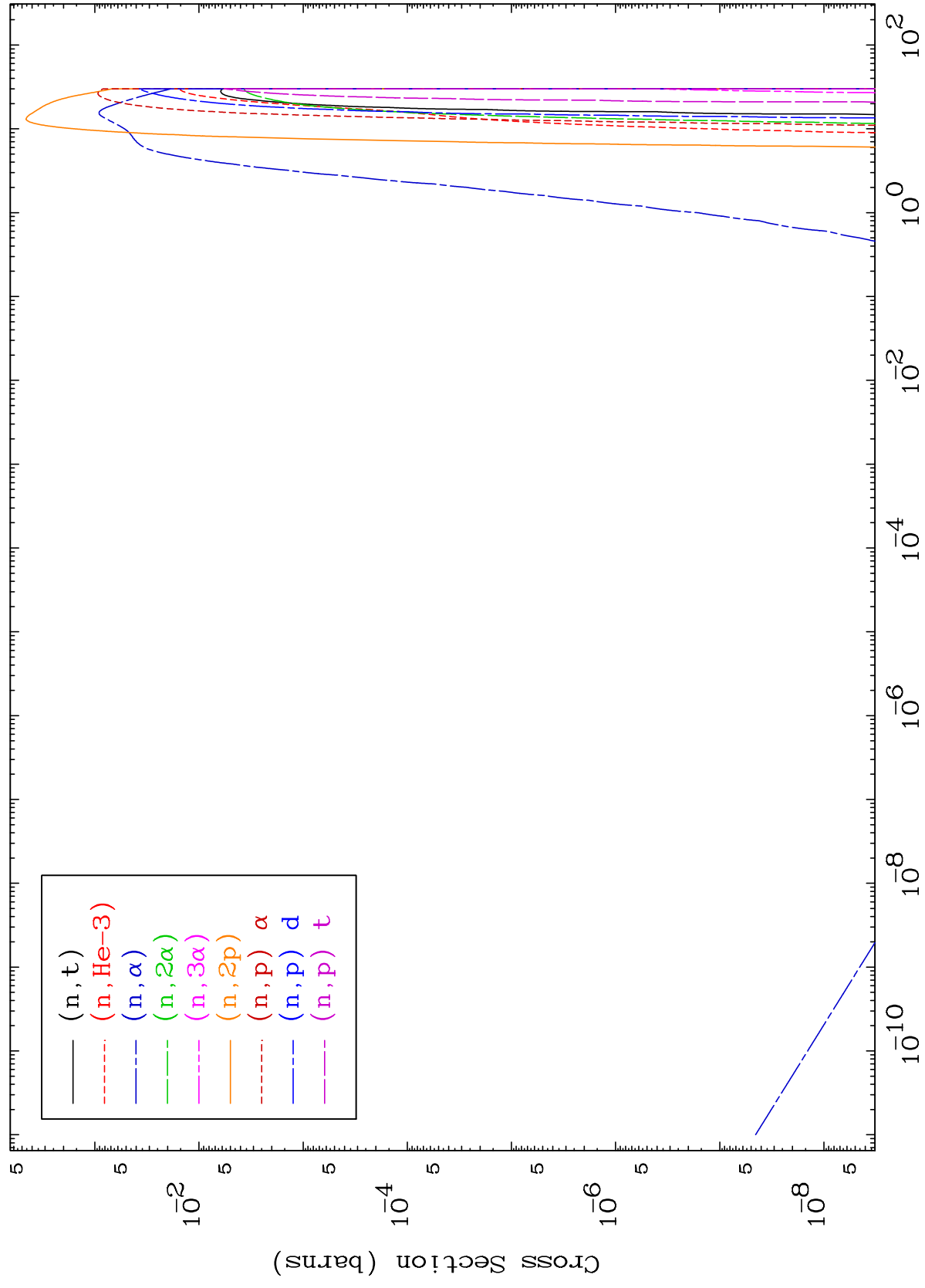
24-Cr-48



MAT 2419

293 Kelvin Cross Sections

24-Cr-48

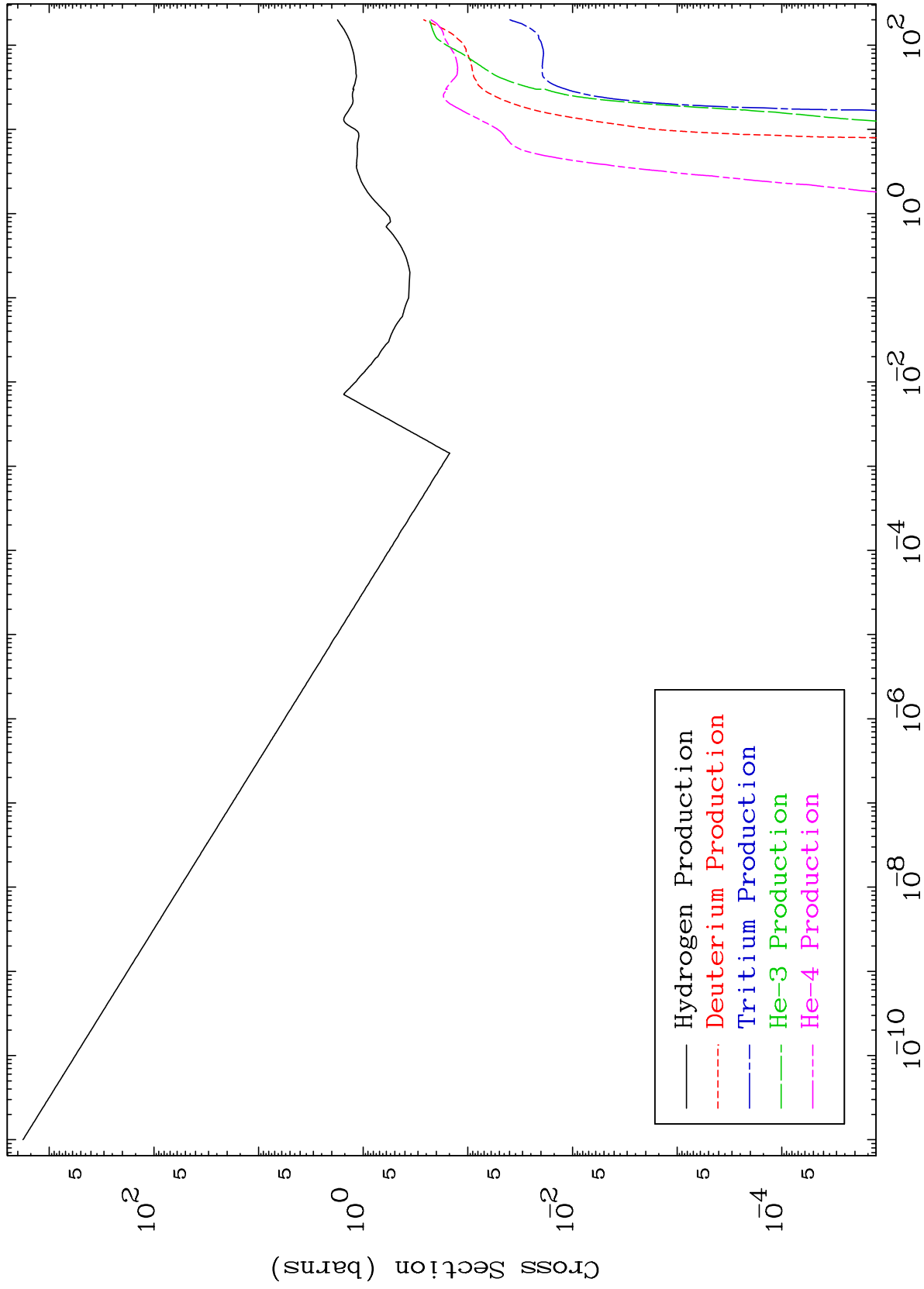


24-Cr-48

MAT 2419

Particle Production
293 Kelvin Cross Sections

24-Cr-48

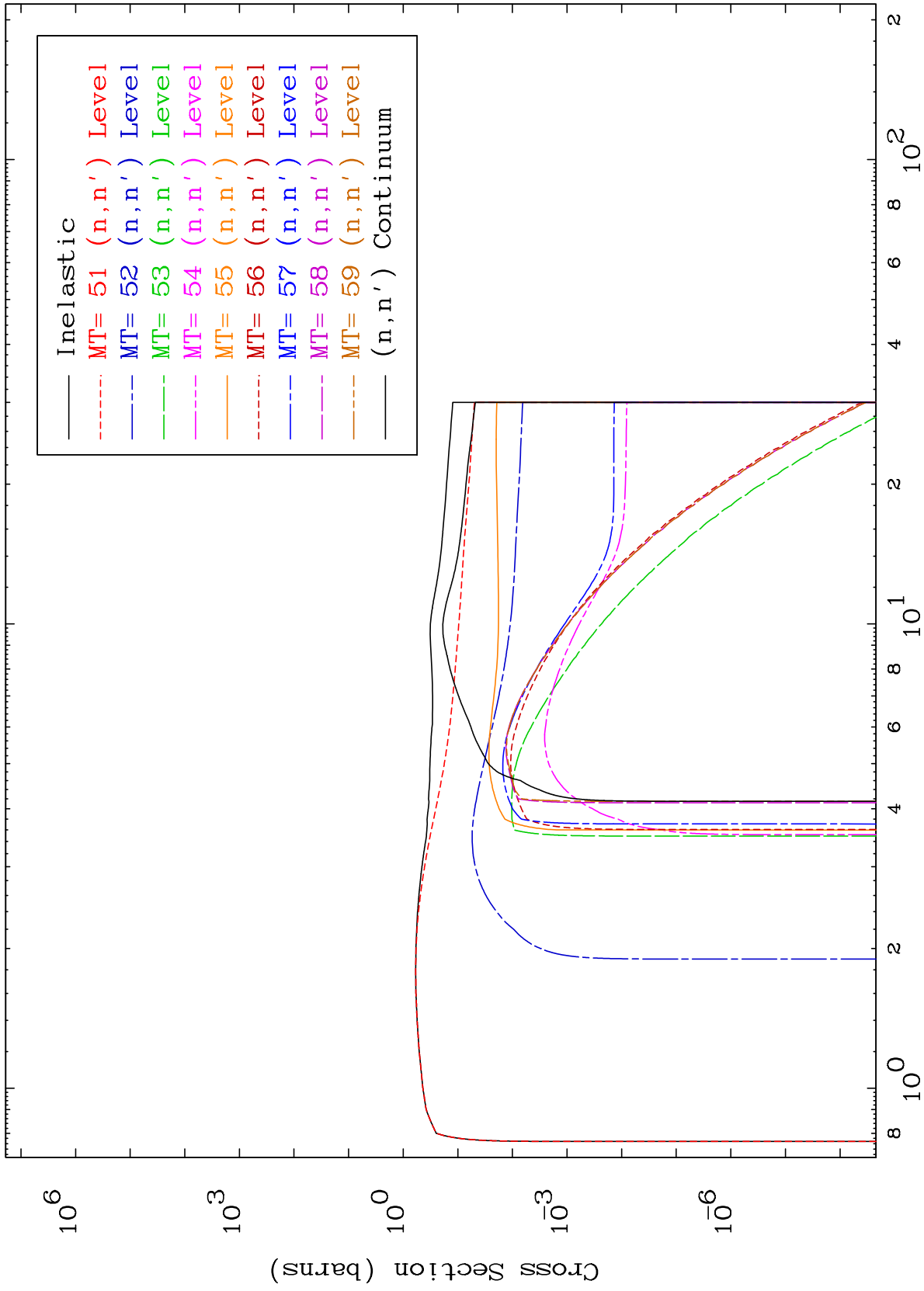


MAT 2419

(n,n') Level

24-Cr-48

293 Kelvin Cross Sections



6

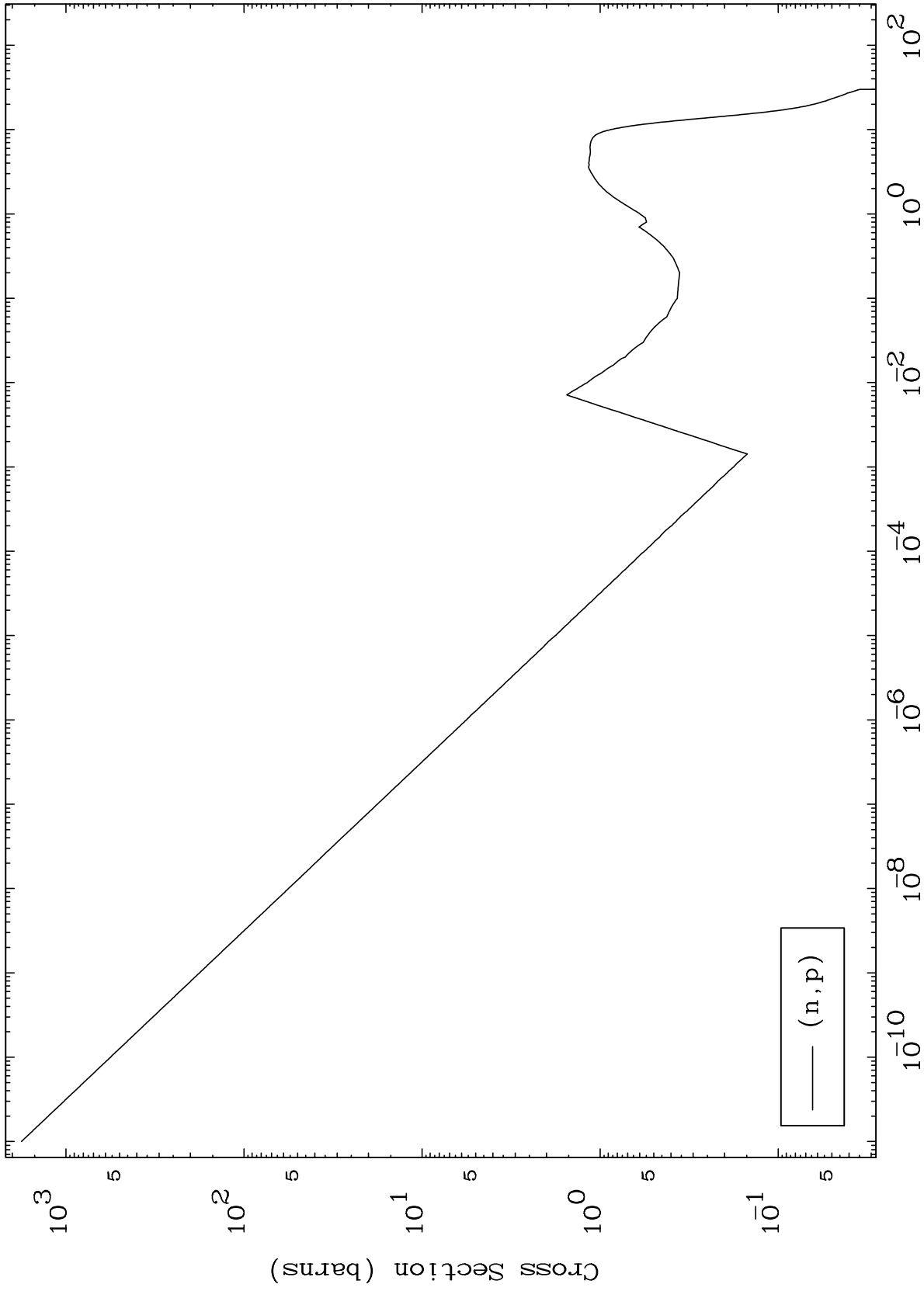
Incident Energy (MeV)

24-Cr-48

MAT 2419

(n,p) Levels
293 Kelvin Cross Sections

24-Cr-48



7

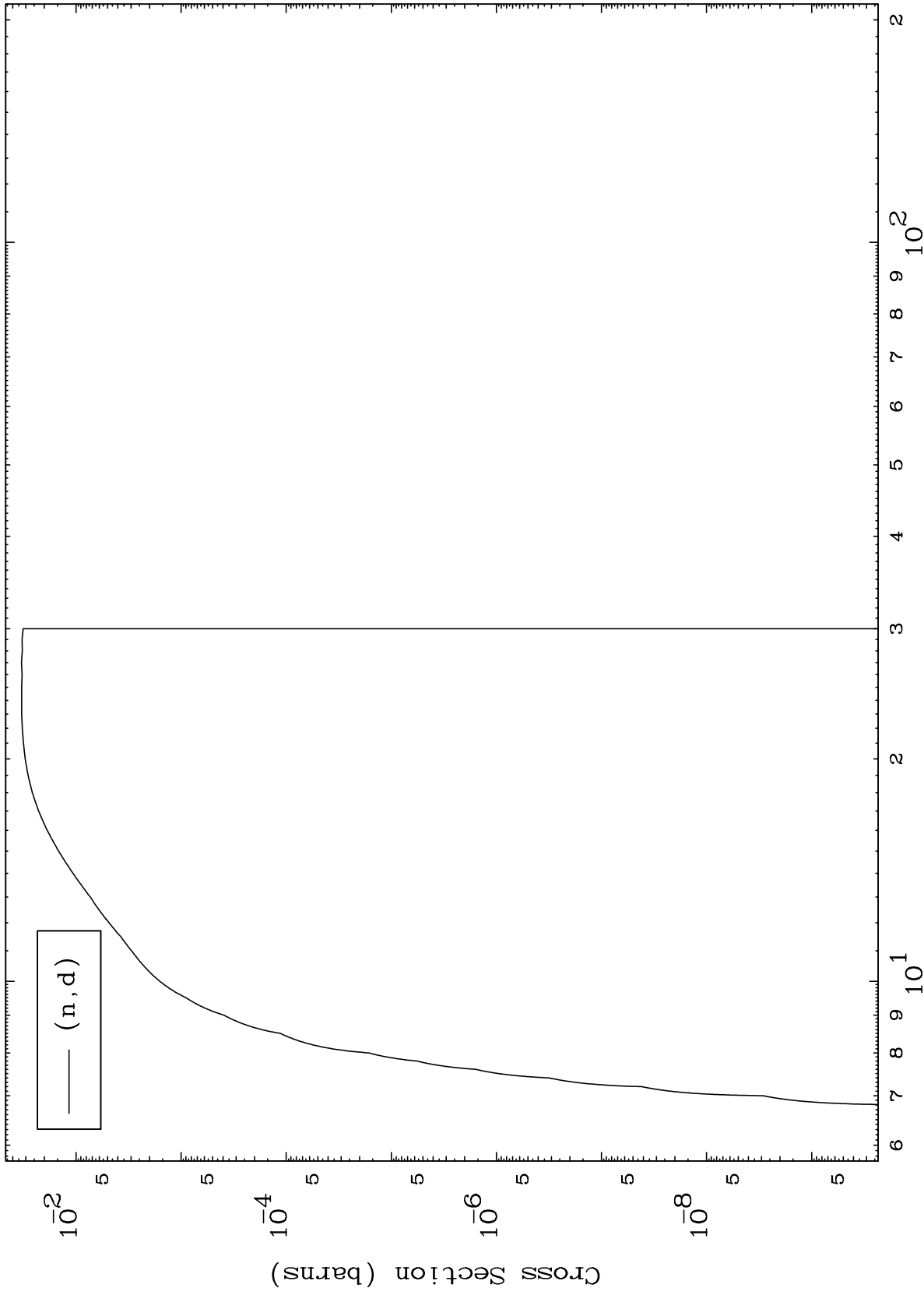
Incident Energy (MeV)

24-Cr-48

MAT 2419

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-48



8

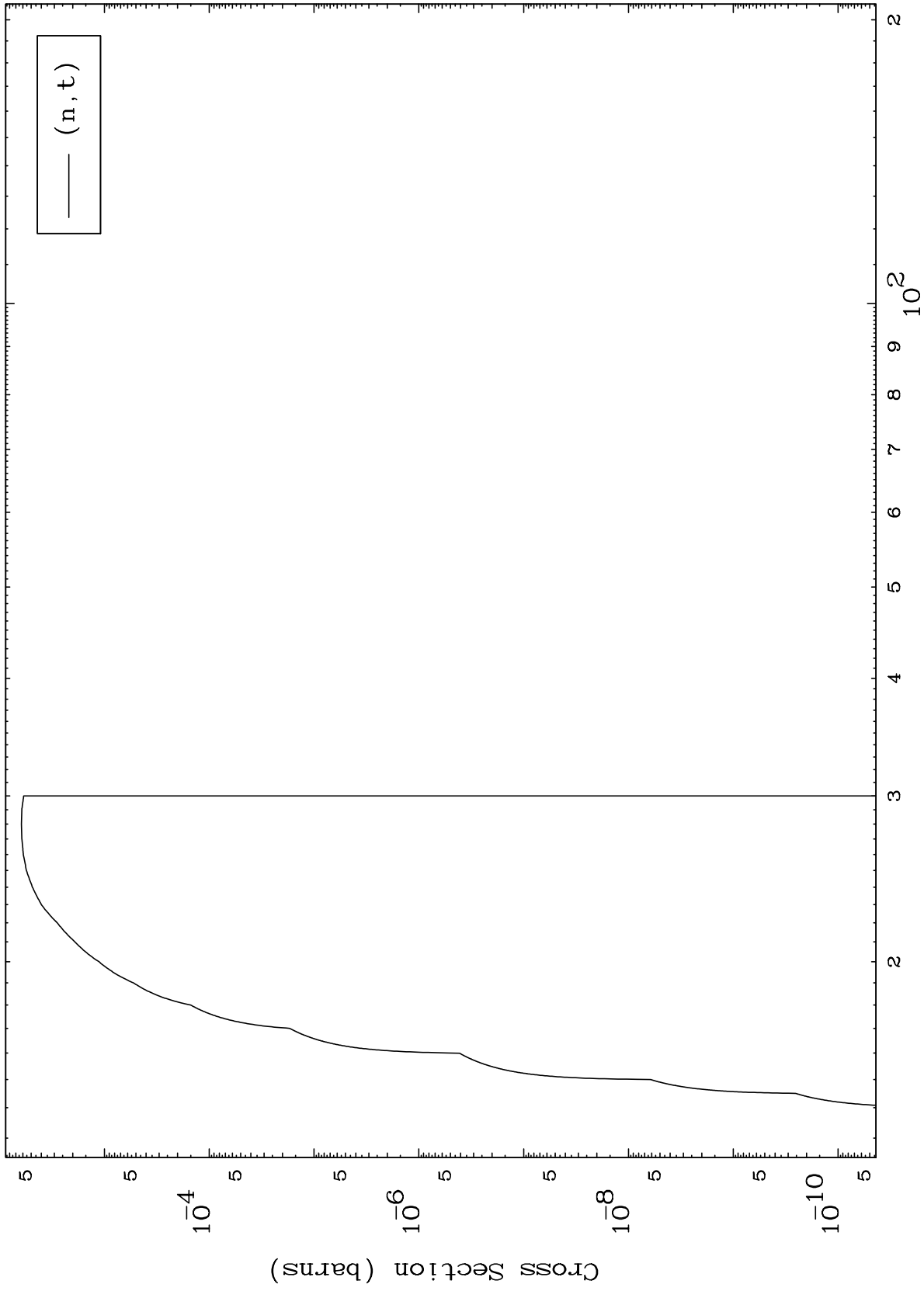
Incident Energy (MeV)

24-Cr-48

MAT 2419

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-48



9

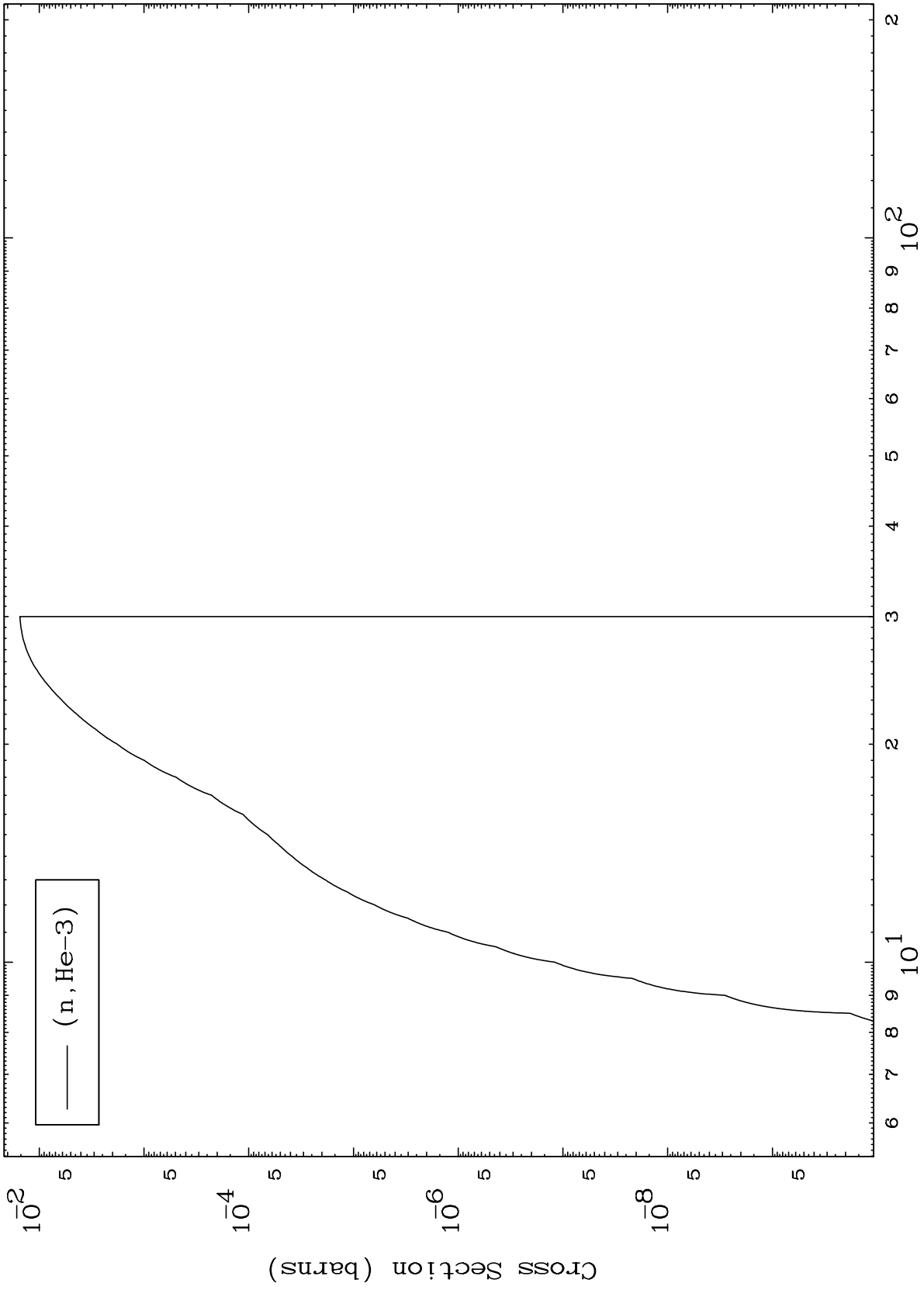
Incident Energy (MeV)

24-Cr-48

MAT 2419

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-48



10

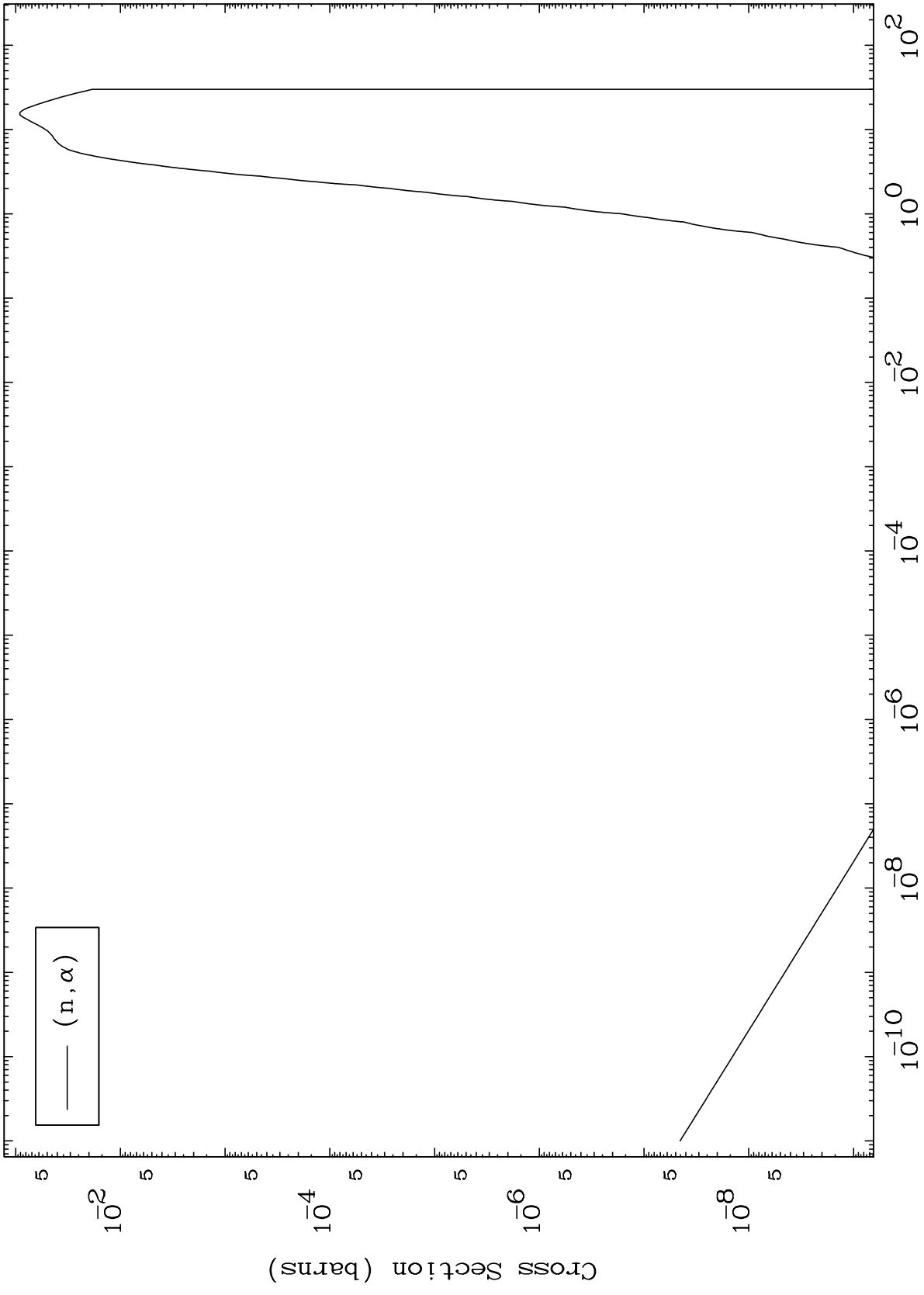
Incident Energy (MeV)

24-Cr-48

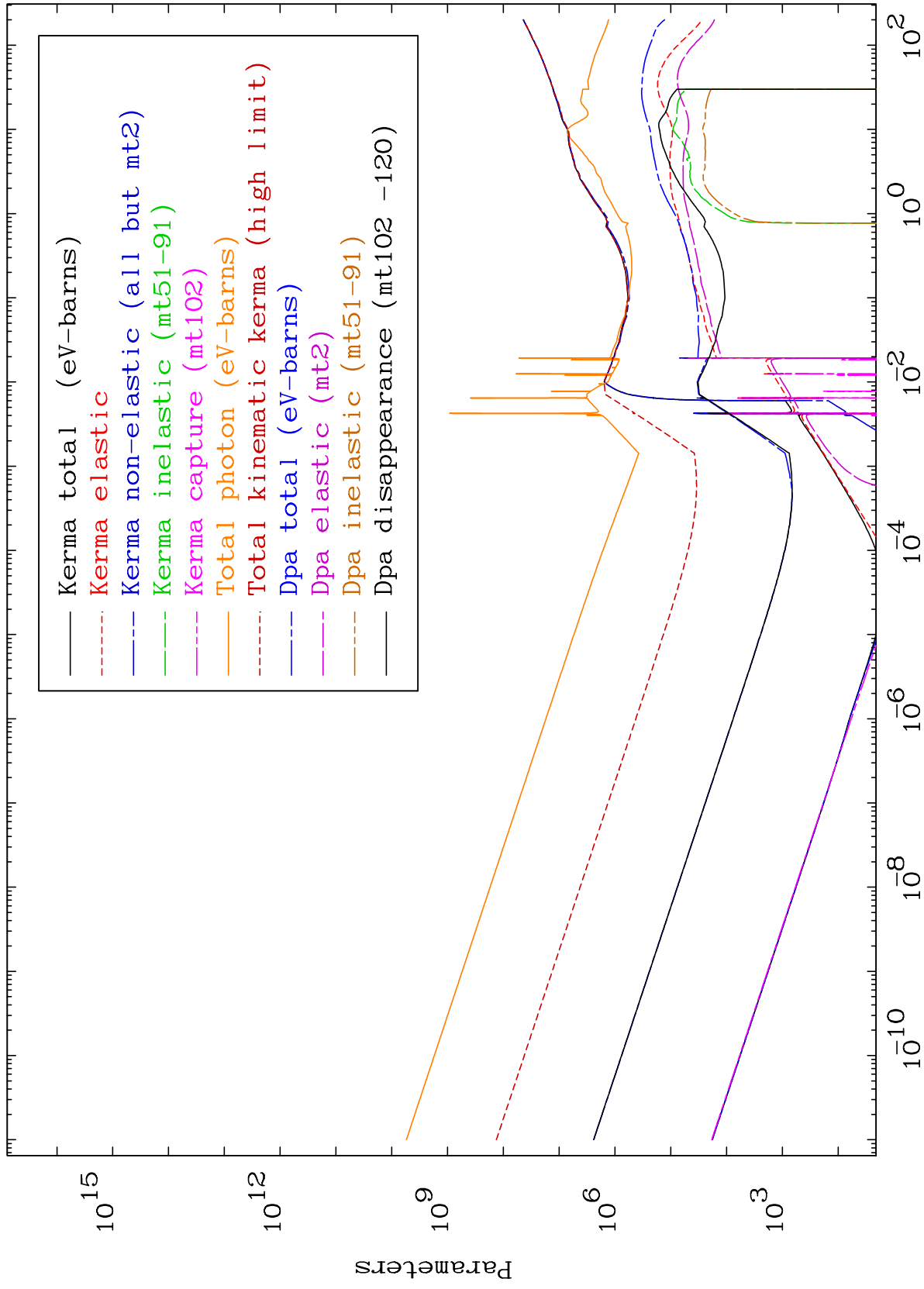
MAT 2419

(n,α) Levels
293 Kelvin Cross Sections

24-Cr-48



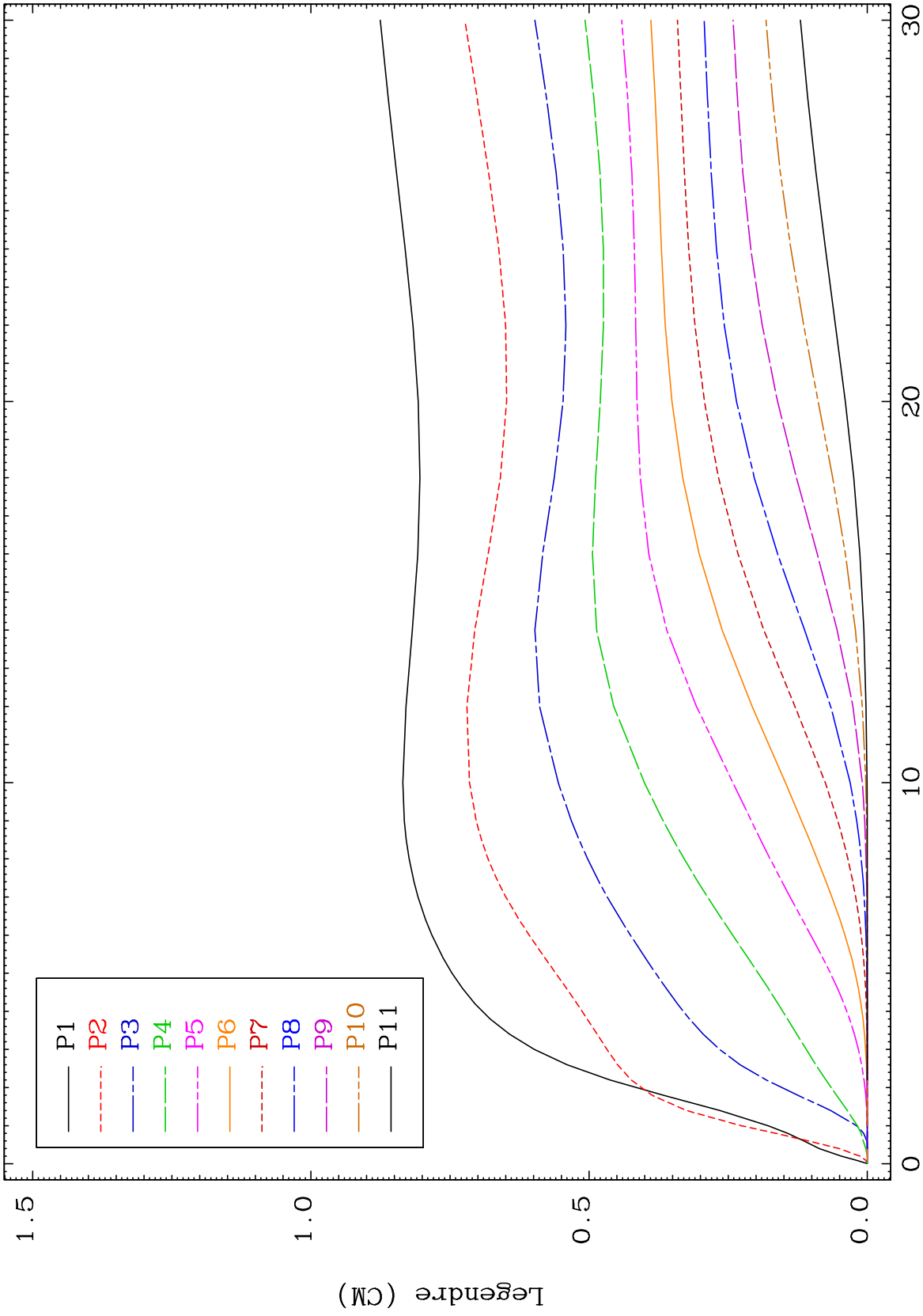
24-Cr-48



MAT 2419

Elastic Legendre Coefficients

24-Cr-48



13

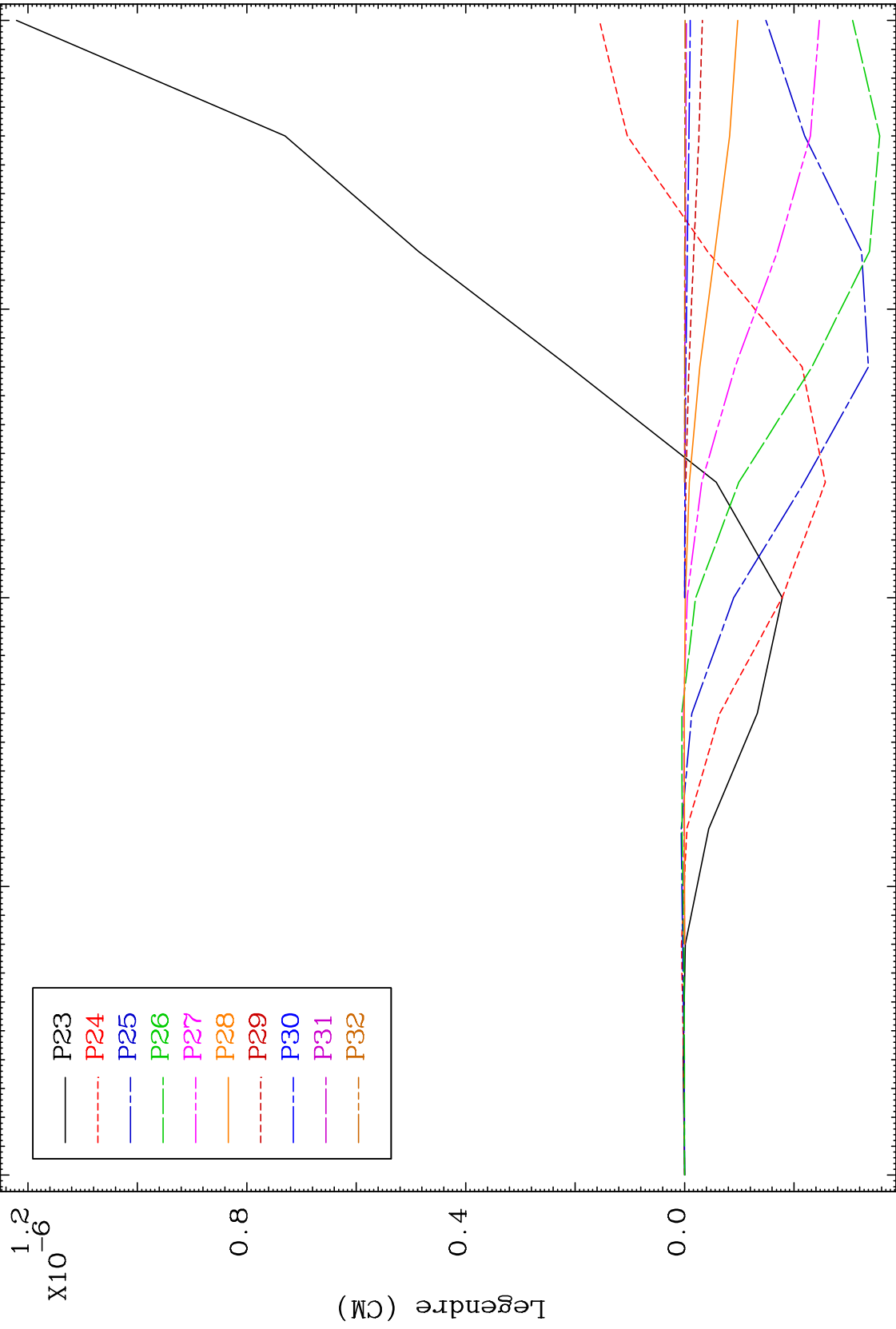
Incident Energy (MeV)

24-Cr-48

MAT 2419

Elastic Legendre Coefficients

24-Cr-48



15

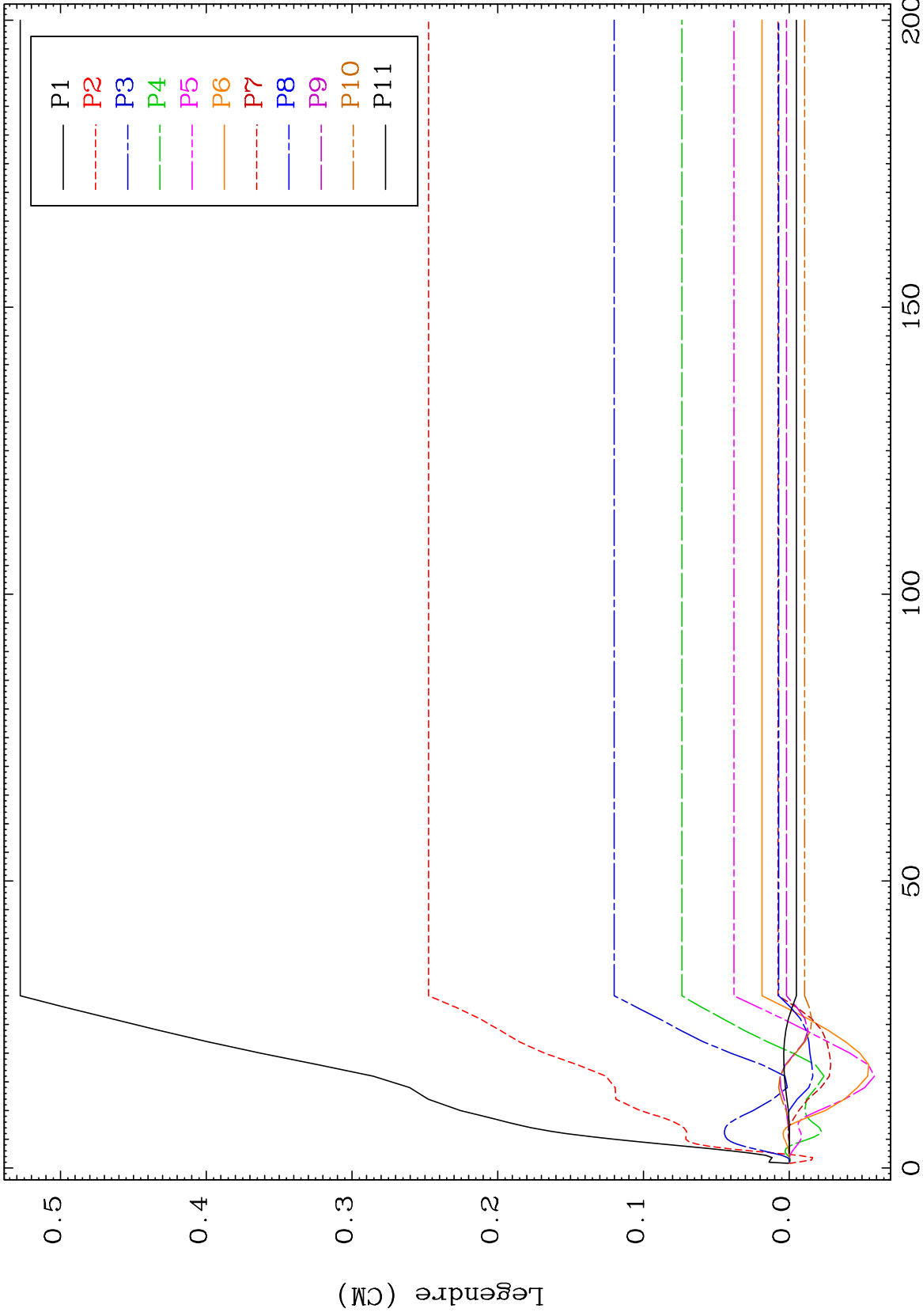
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



16

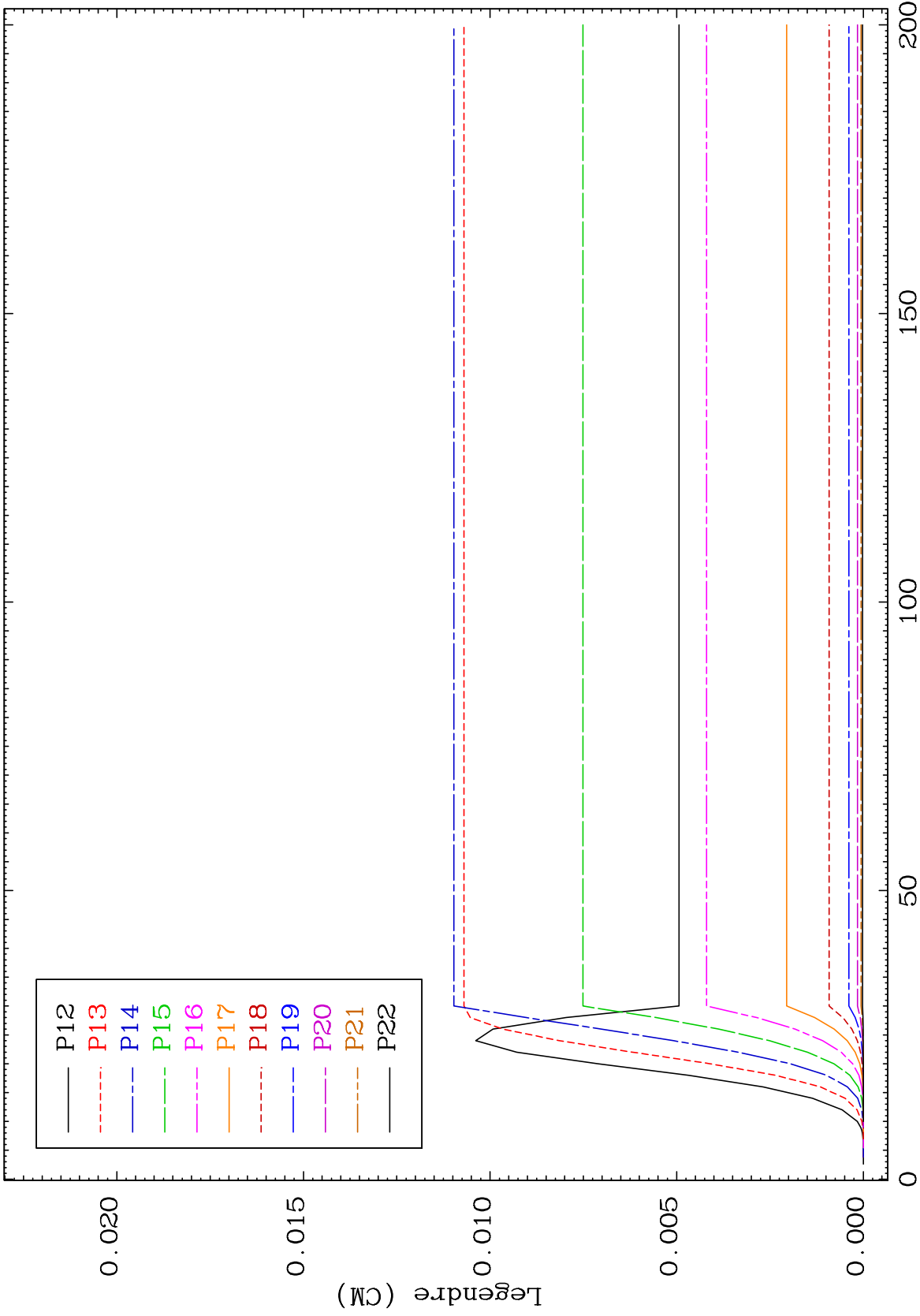
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



17

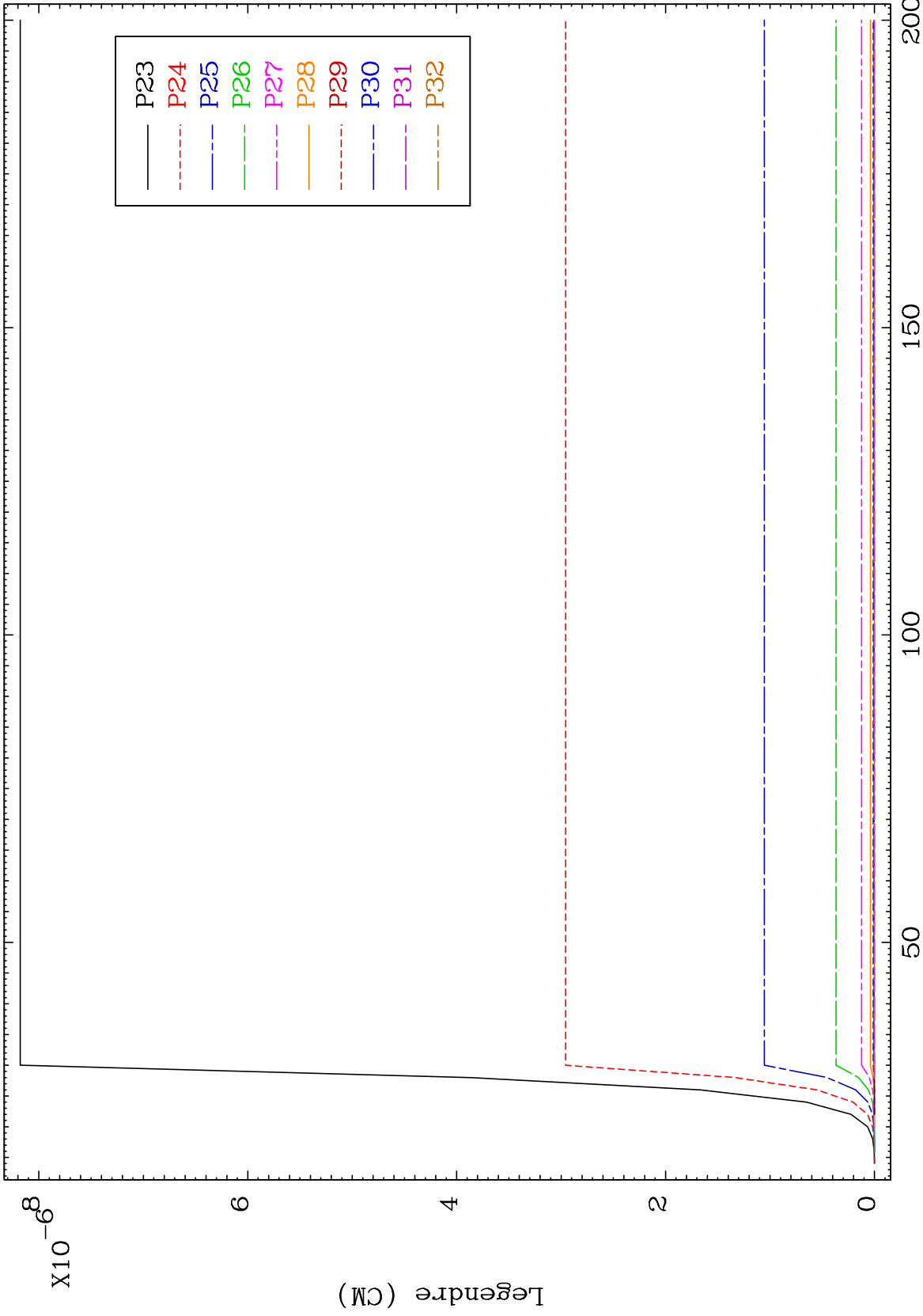
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



18

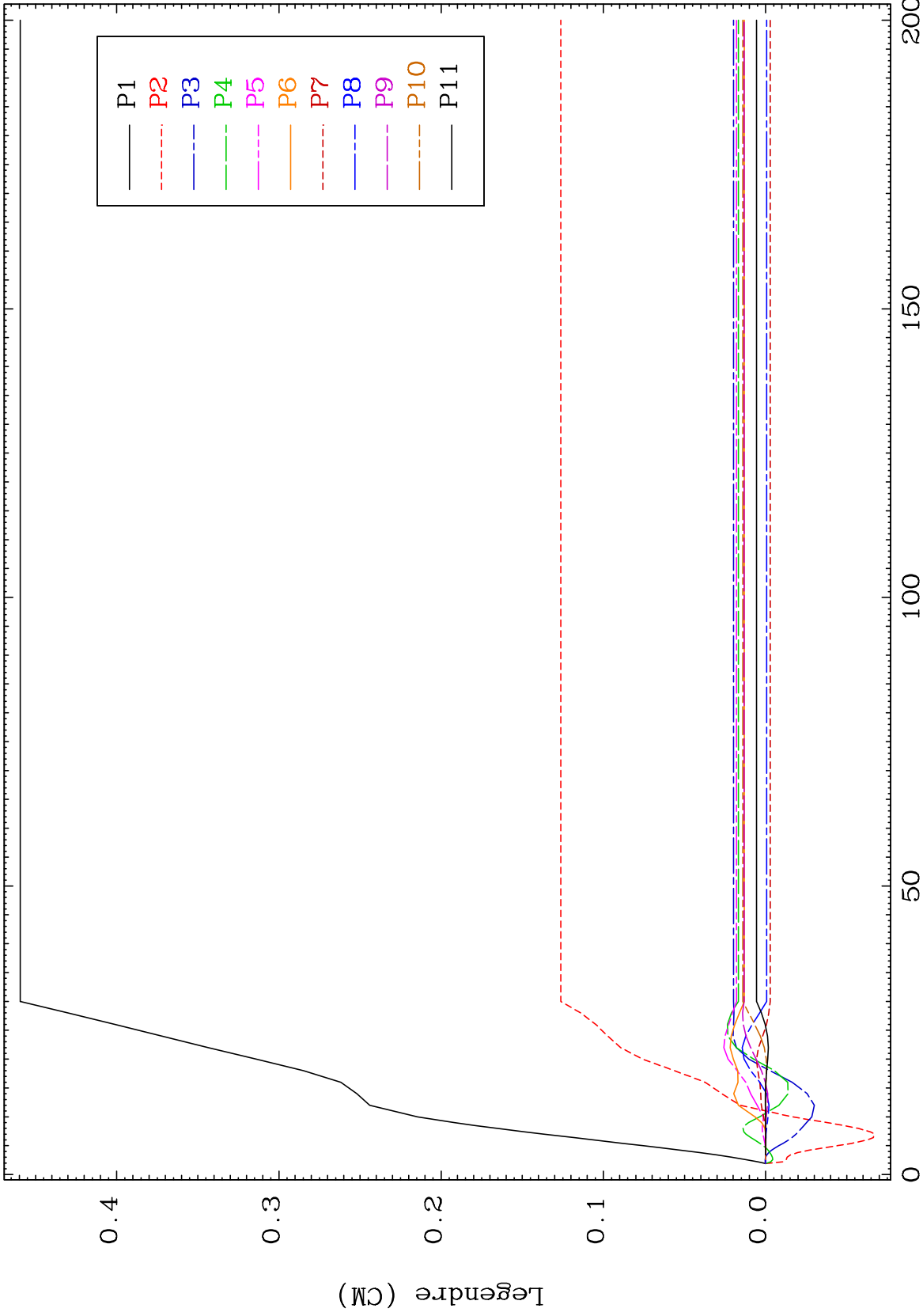
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



19

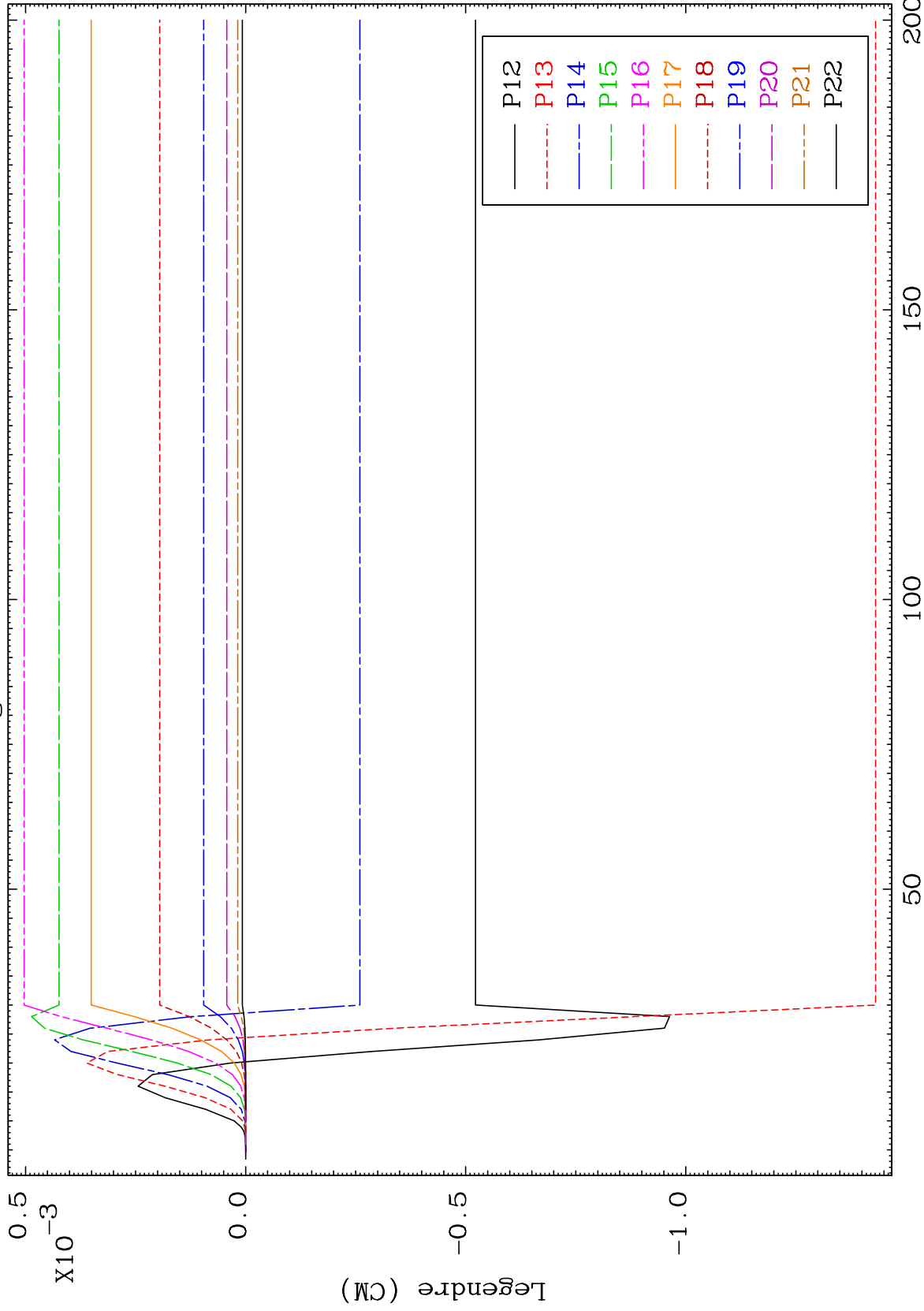
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



20

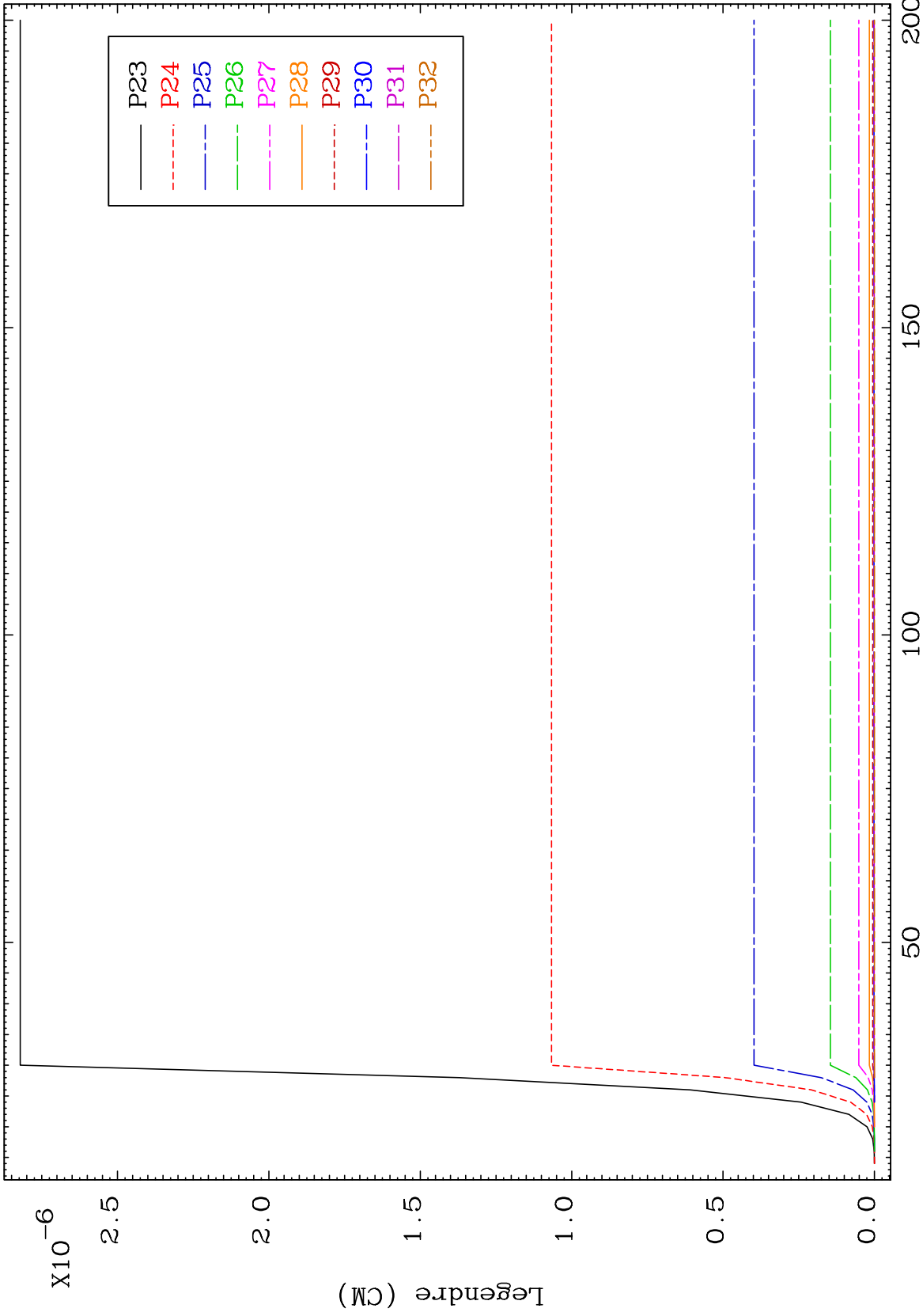
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

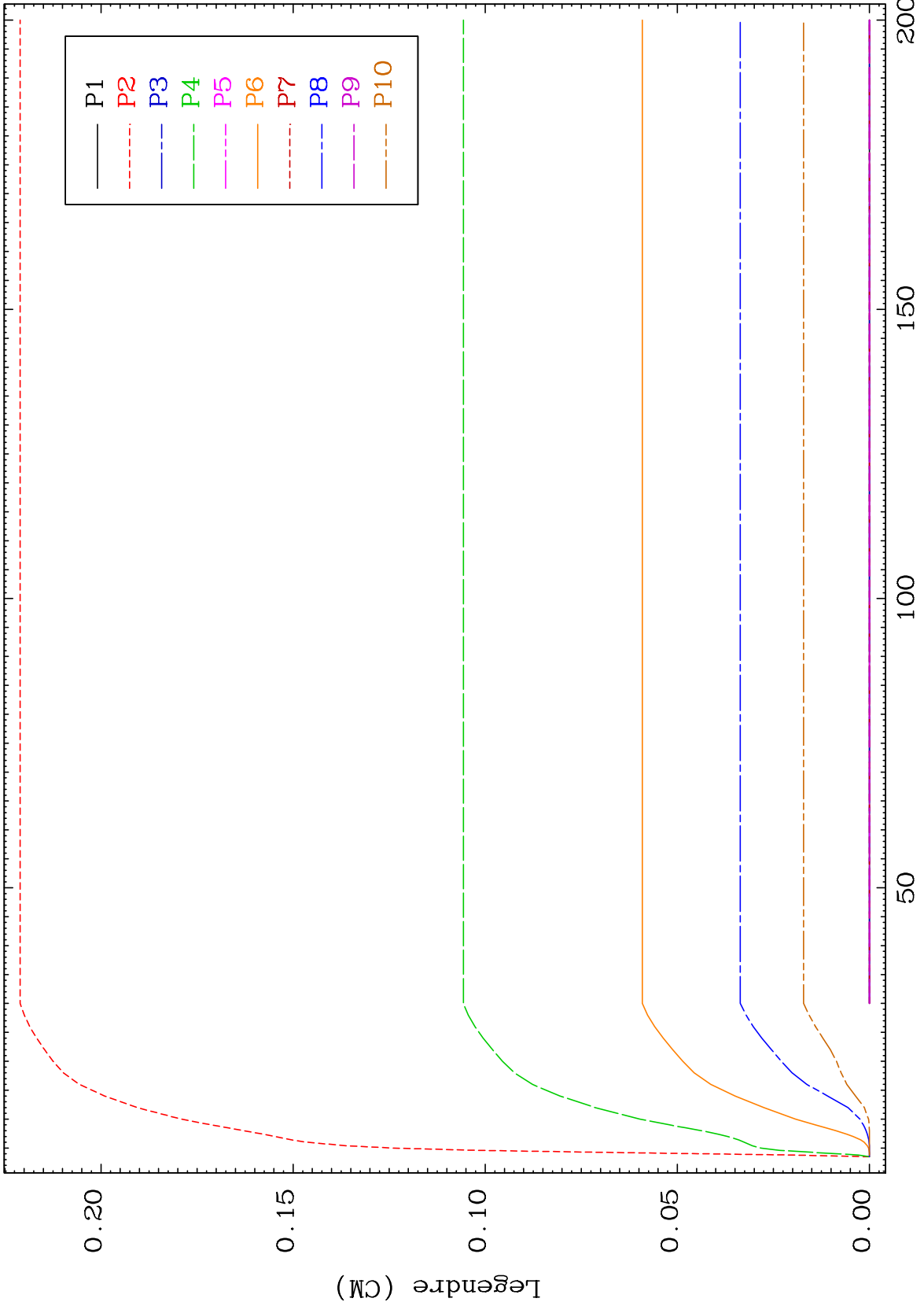
24-Cr-48



21

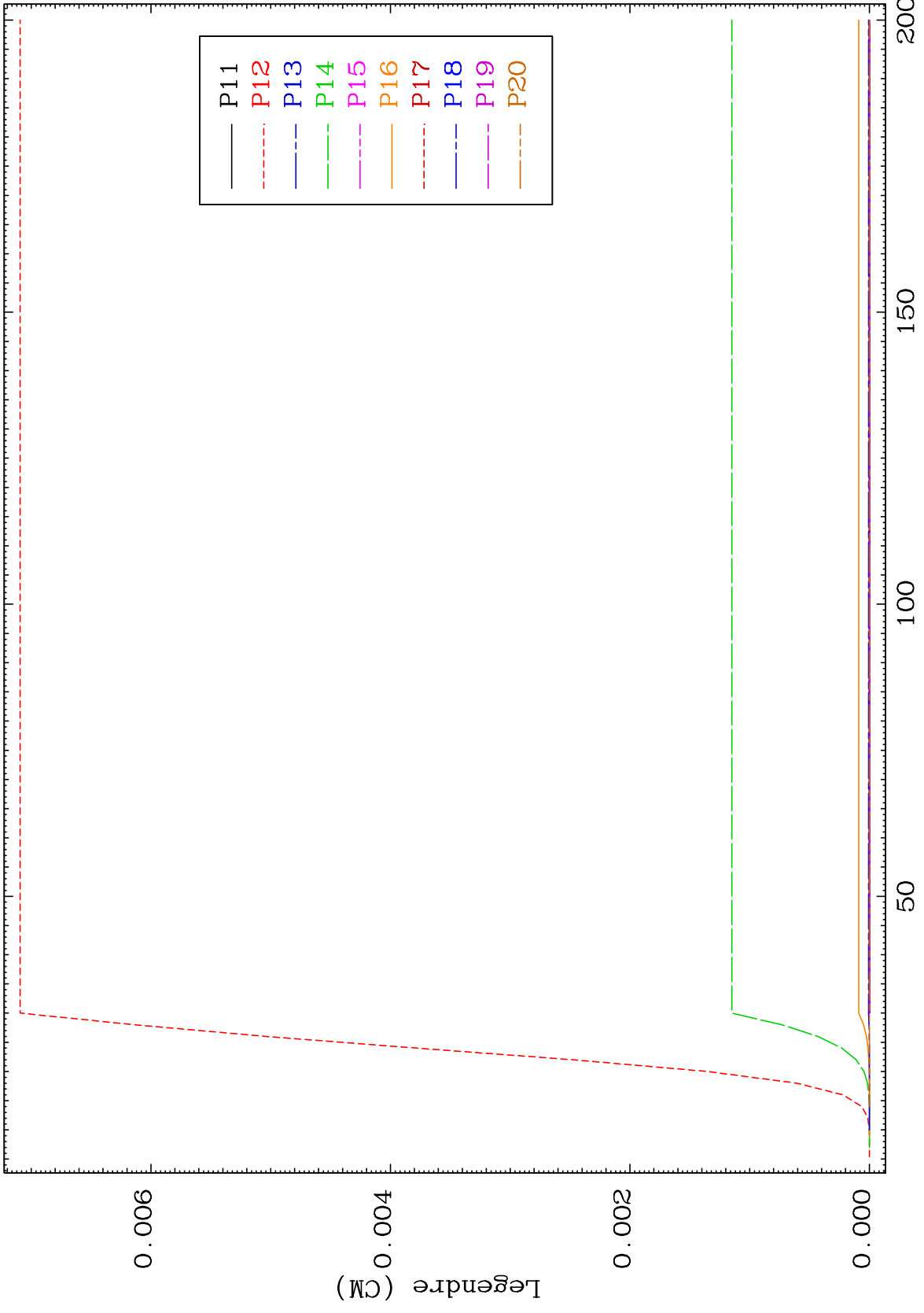
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MAT 2419 MT= 53 (n,n') Level Legendre Coefficients 24-Cr-48



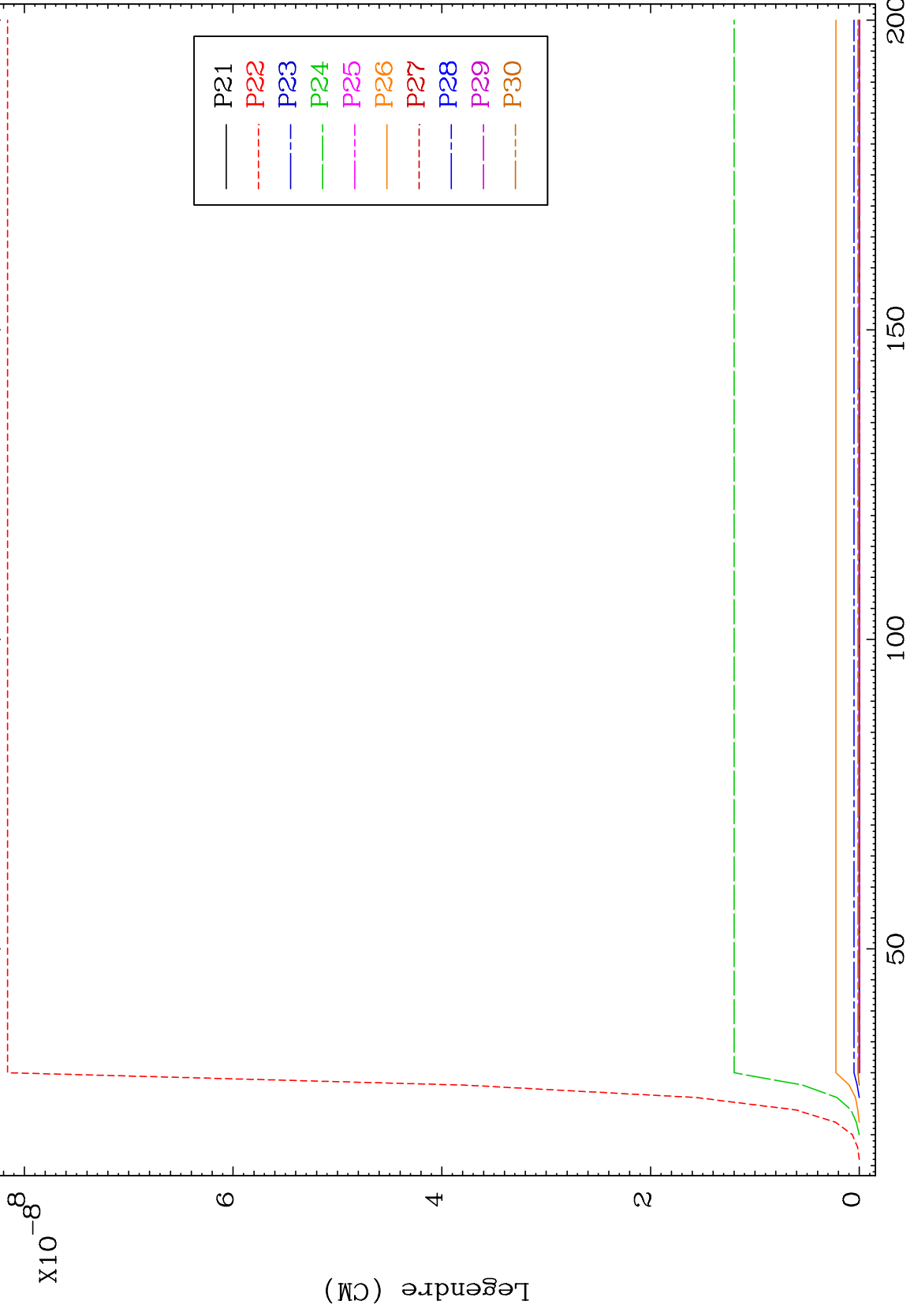
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MAT 2419 MT= 53 (n,n') Level Legendre Coefficients 24-Cr-48



23 24-Cr-48

MAT 2419 MT= 53 (n,n') Level Legendre Coefficients 24-Cr-48

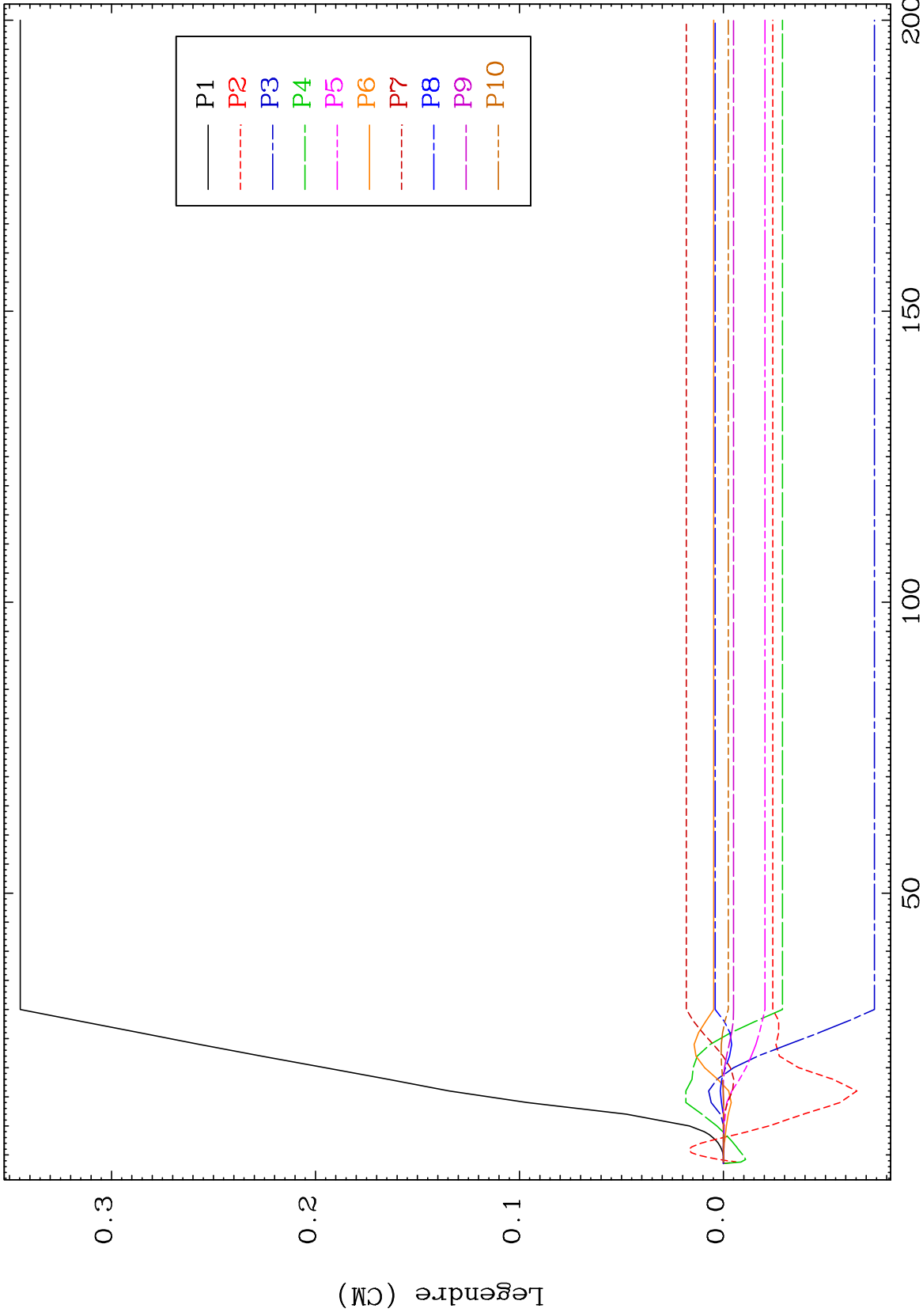


24-Cr-48

MAT 2419

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

24-Cr-48



25

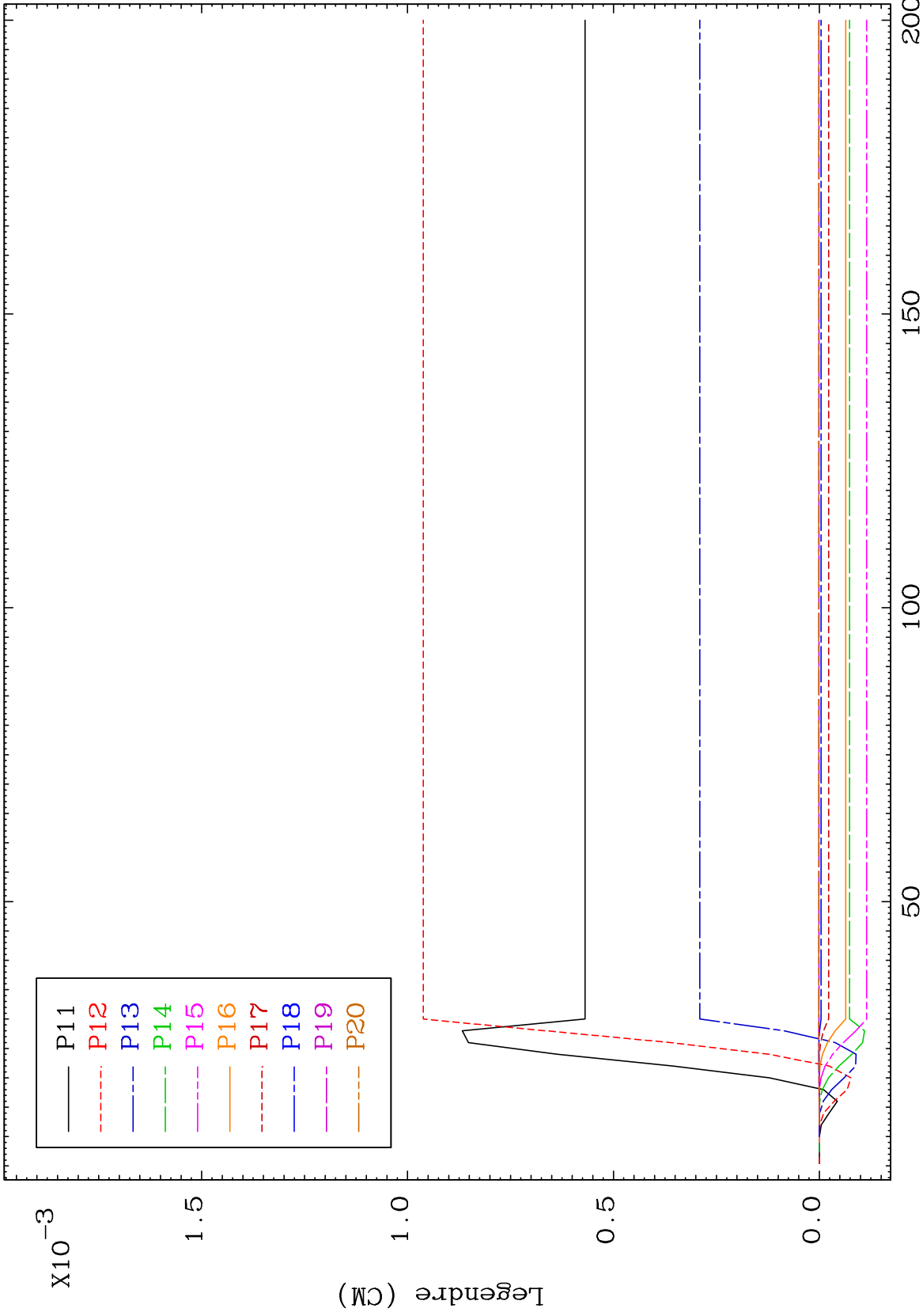
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



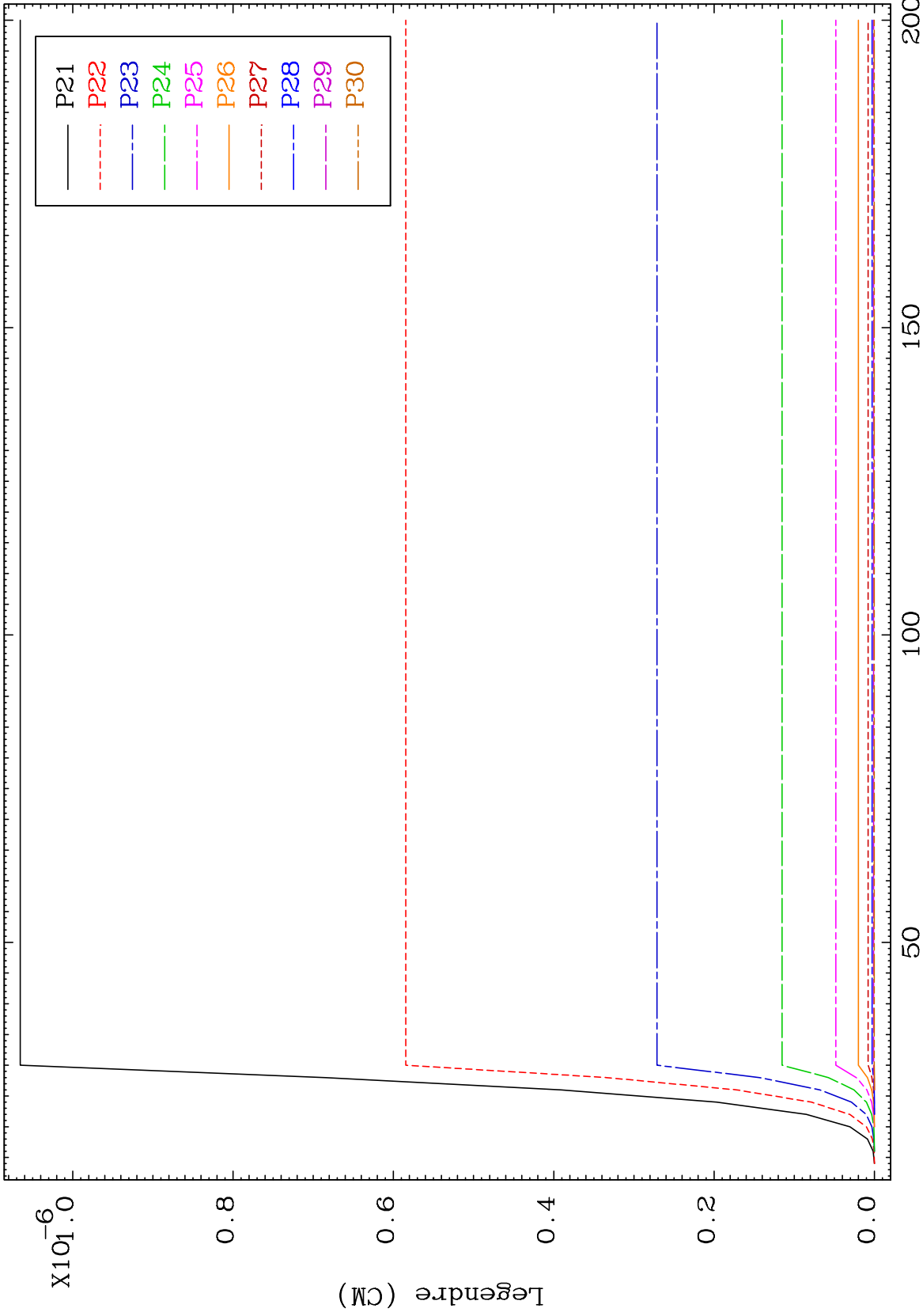
26

24-Cr-48

MAT 2419

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

24-Cr-48



27

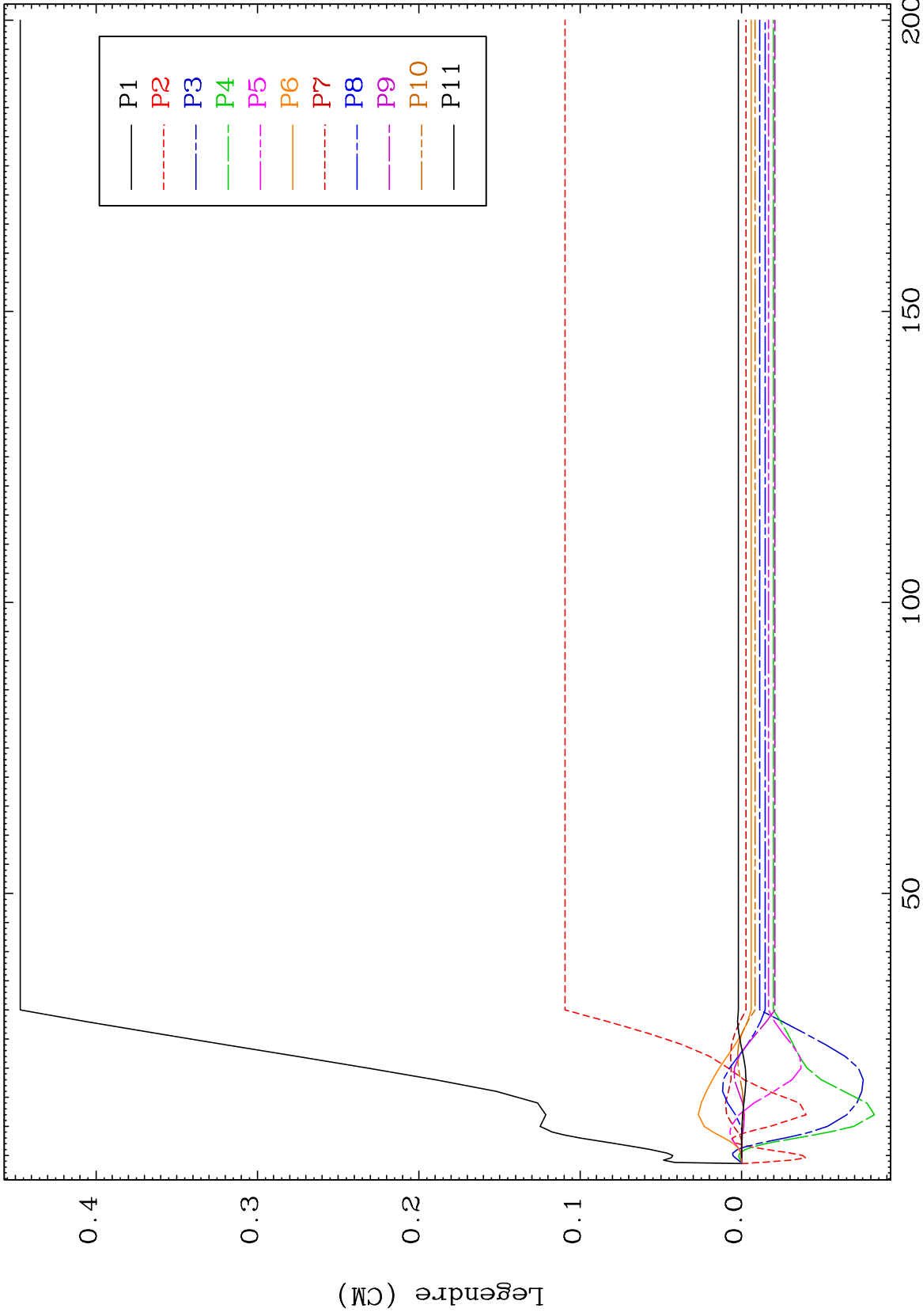
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



28

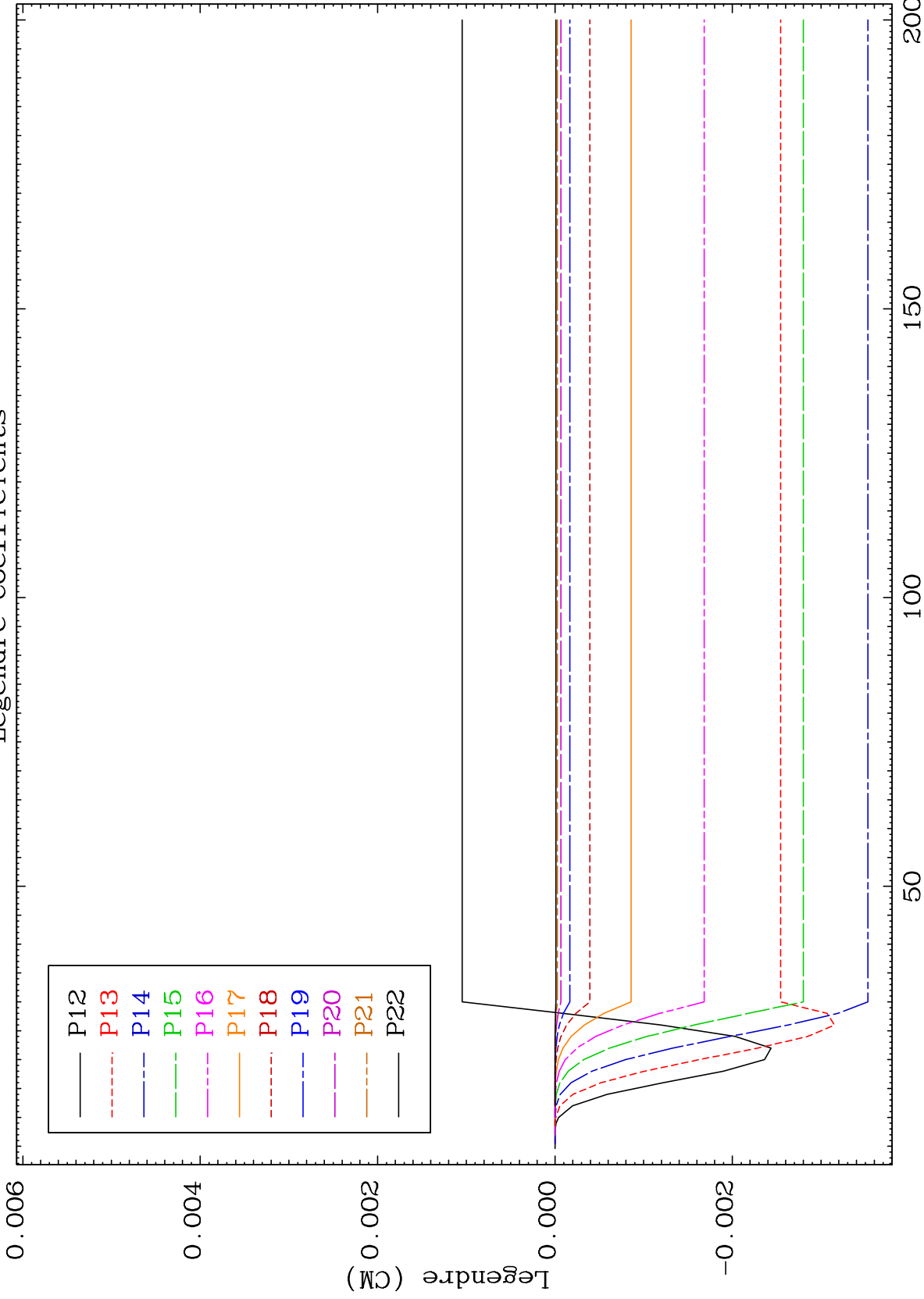
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48

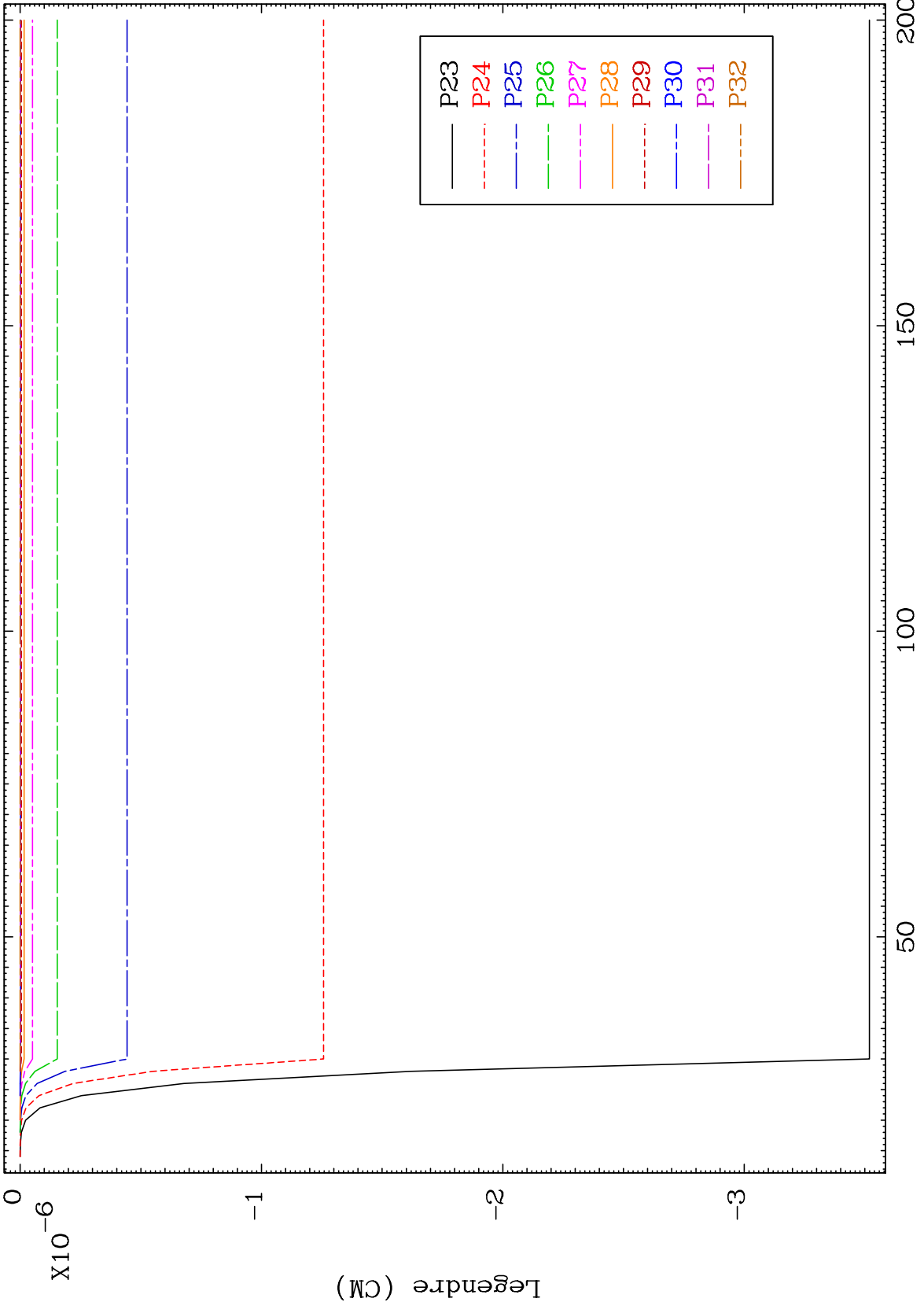


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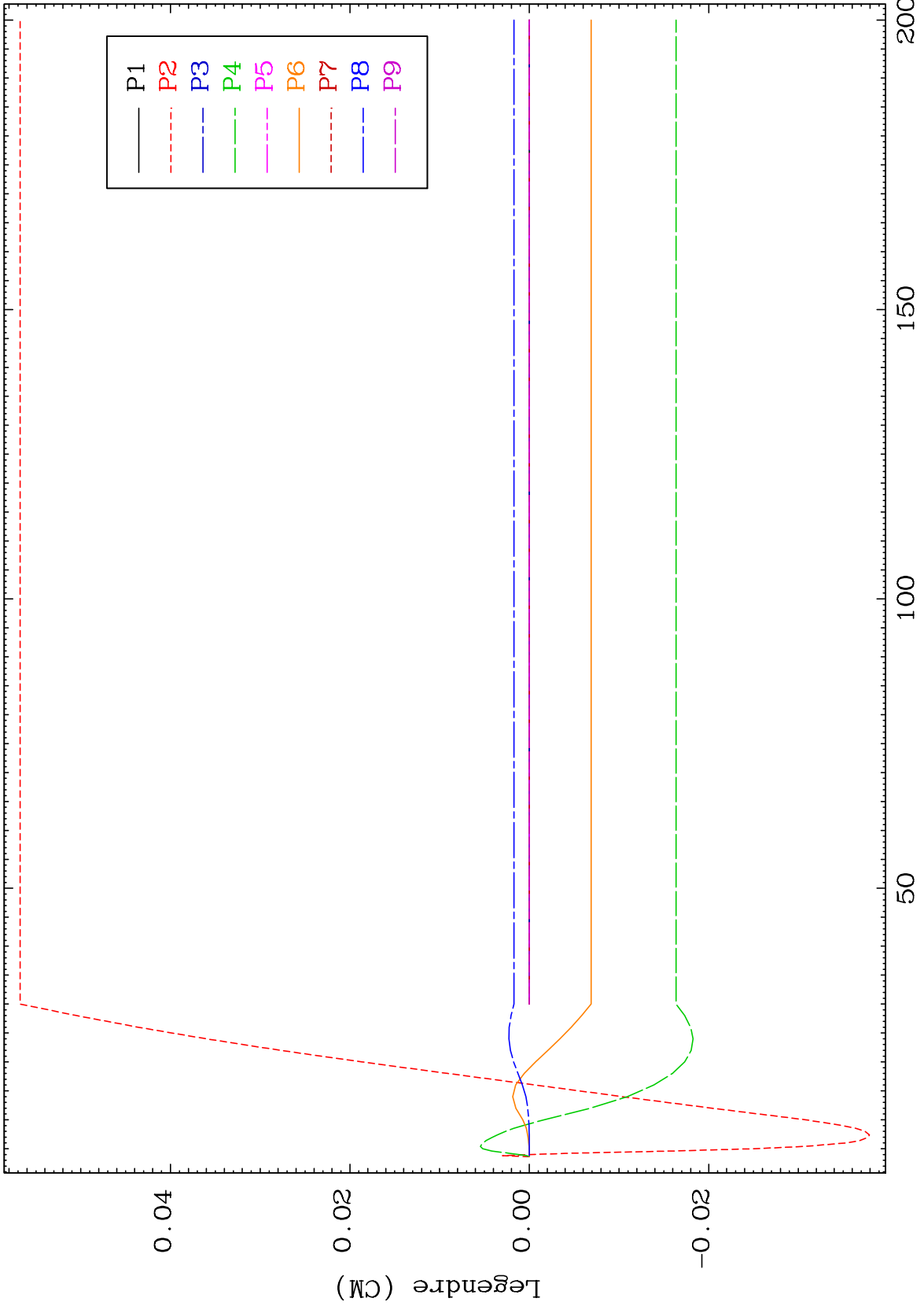
Incident Energy (MeV)

24-Cr-48

MAT 2419 MT= 55 (n,n') Level Legendre Coefficients 24-Cr-48



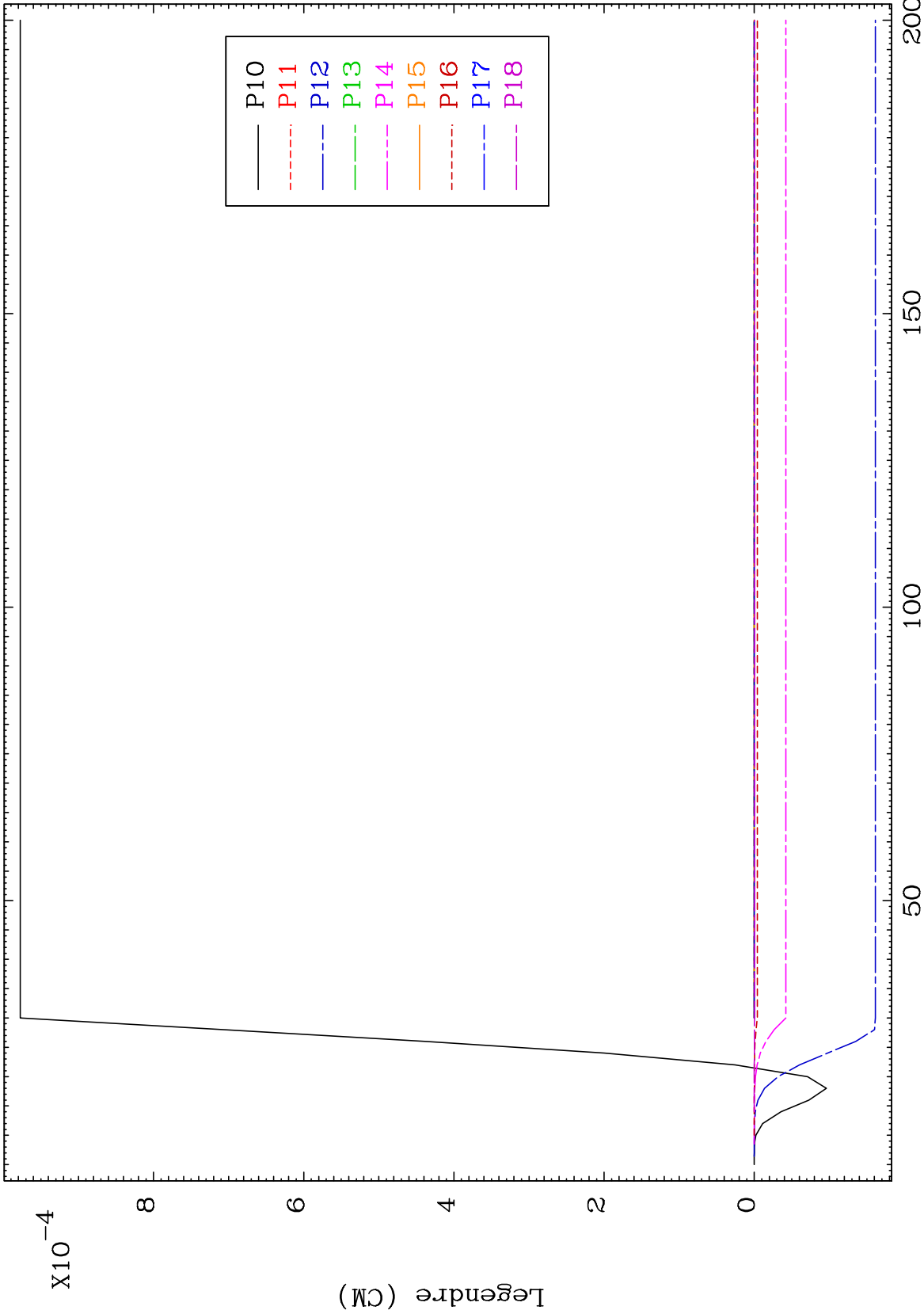
30 50 100 150 200 Incident Energy (MeV) 24-Cr-48



MAT 2419

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

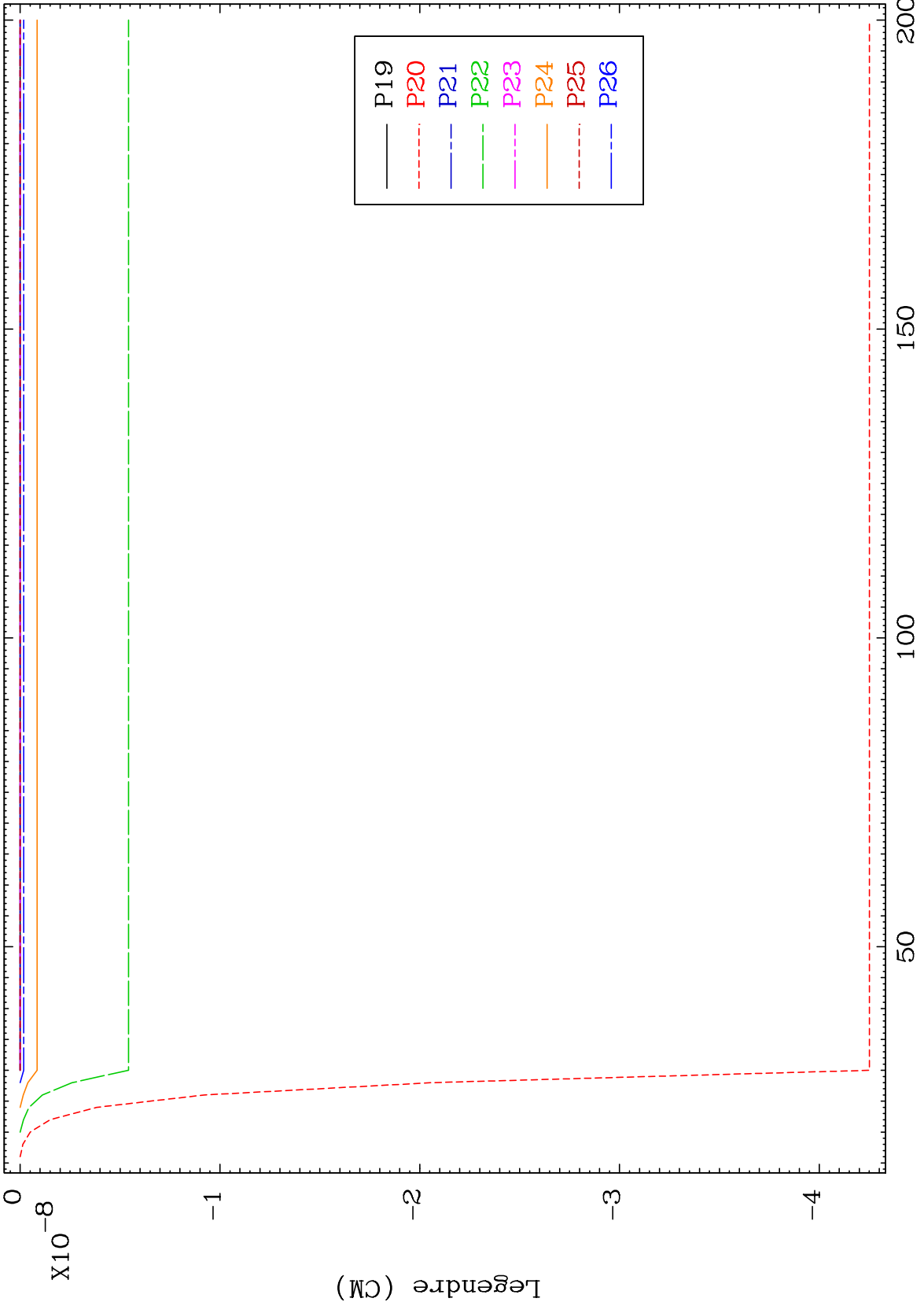
24-Cr-48



32

24-Cr-48

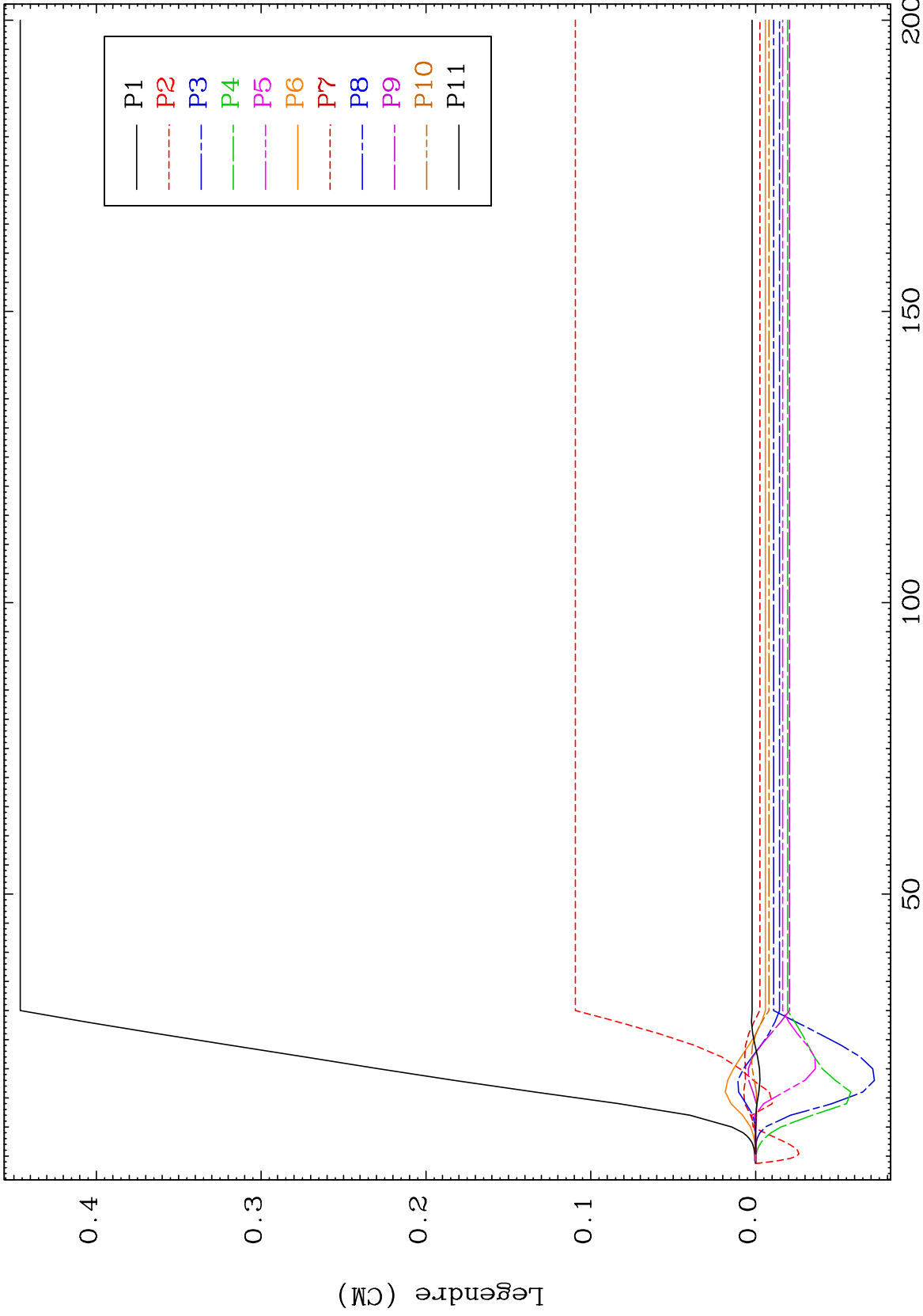
MAT 2419 MT= 56 (n,n') Level Legendre Coefficients 24-Cr-48



MAT 2419

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

24-Cr-48



34

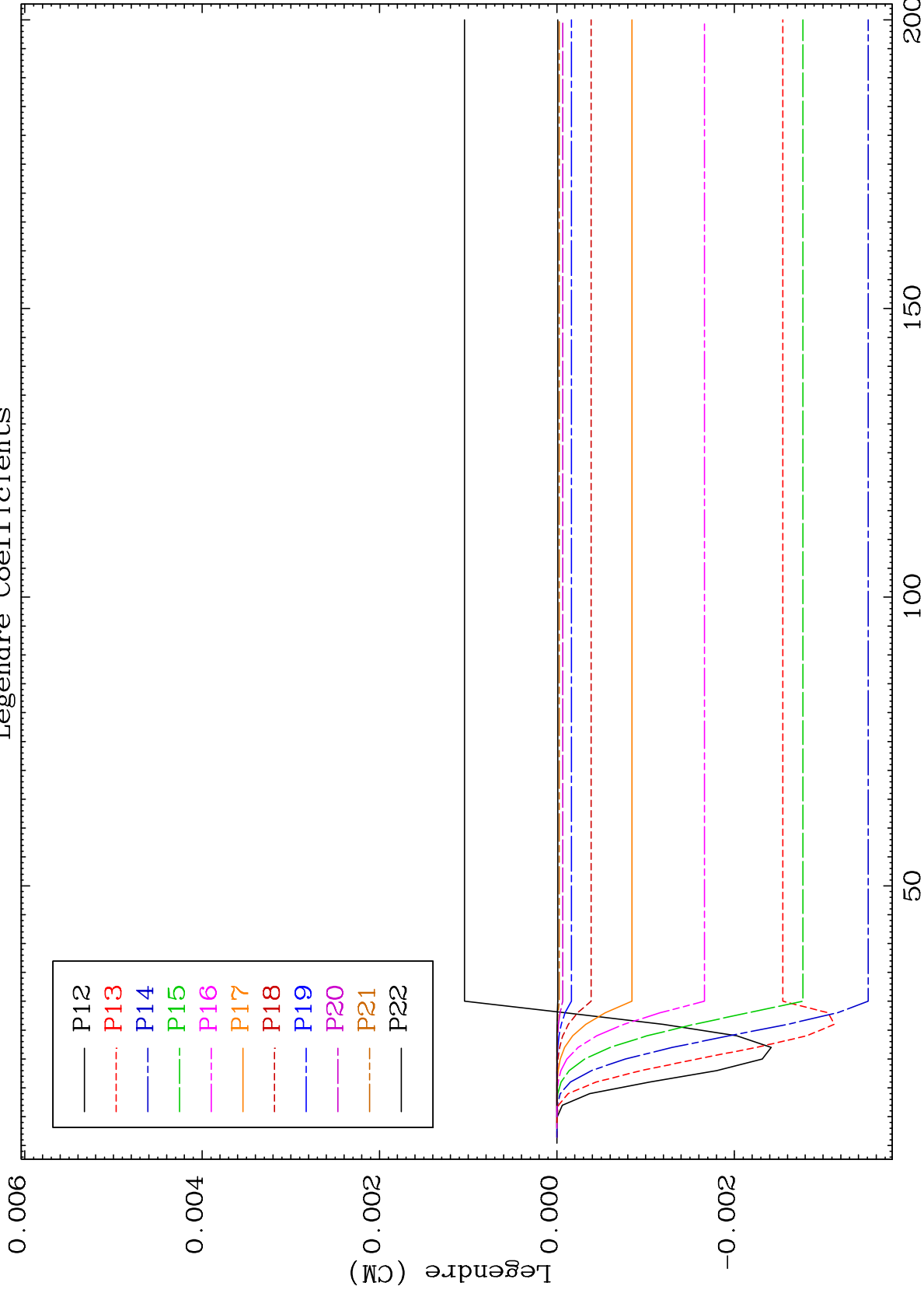
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



35

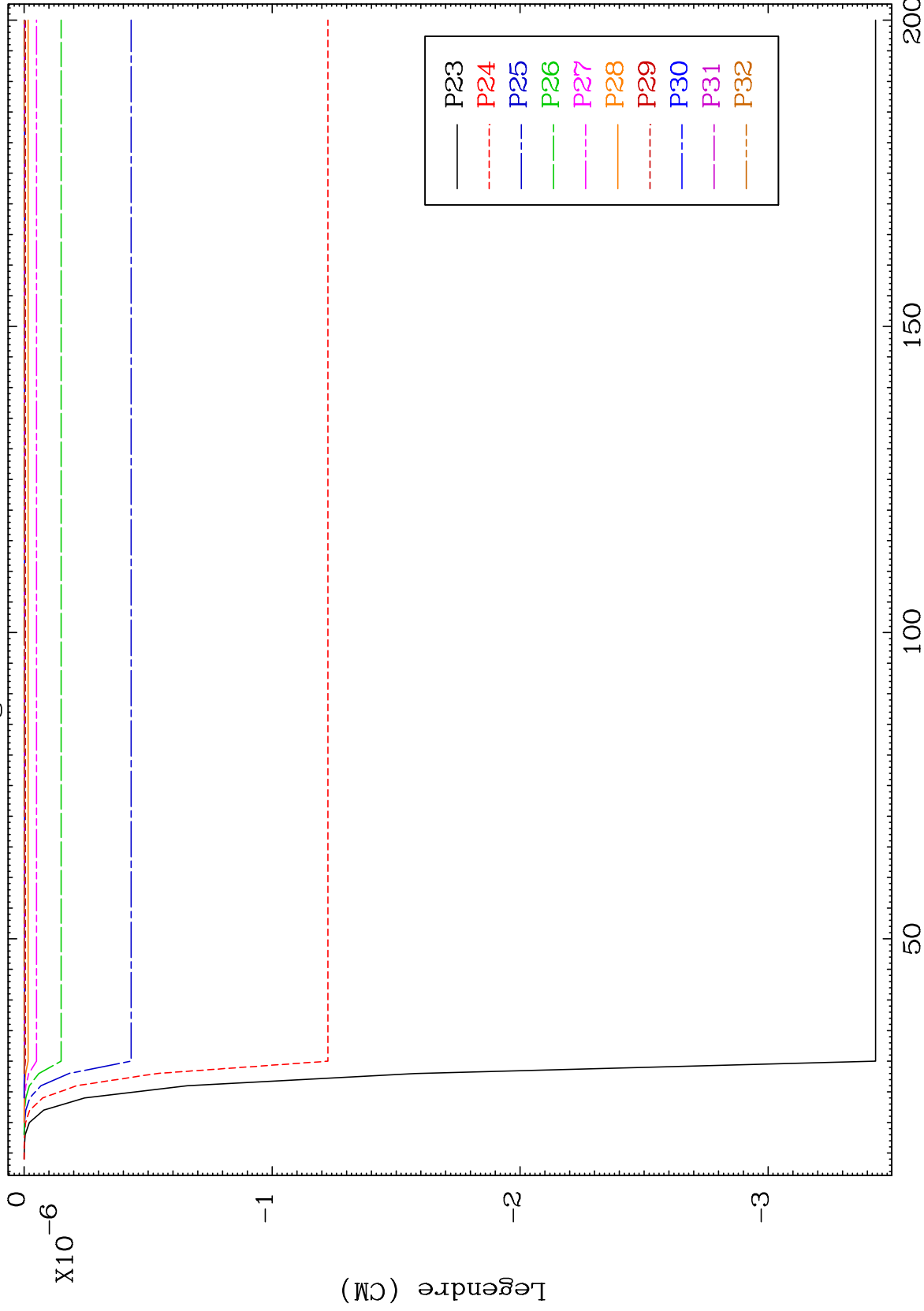
Incident Energy (MeV)

24-Cr-48

MAT 2419

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

24-Cr-48



36

50

100

150

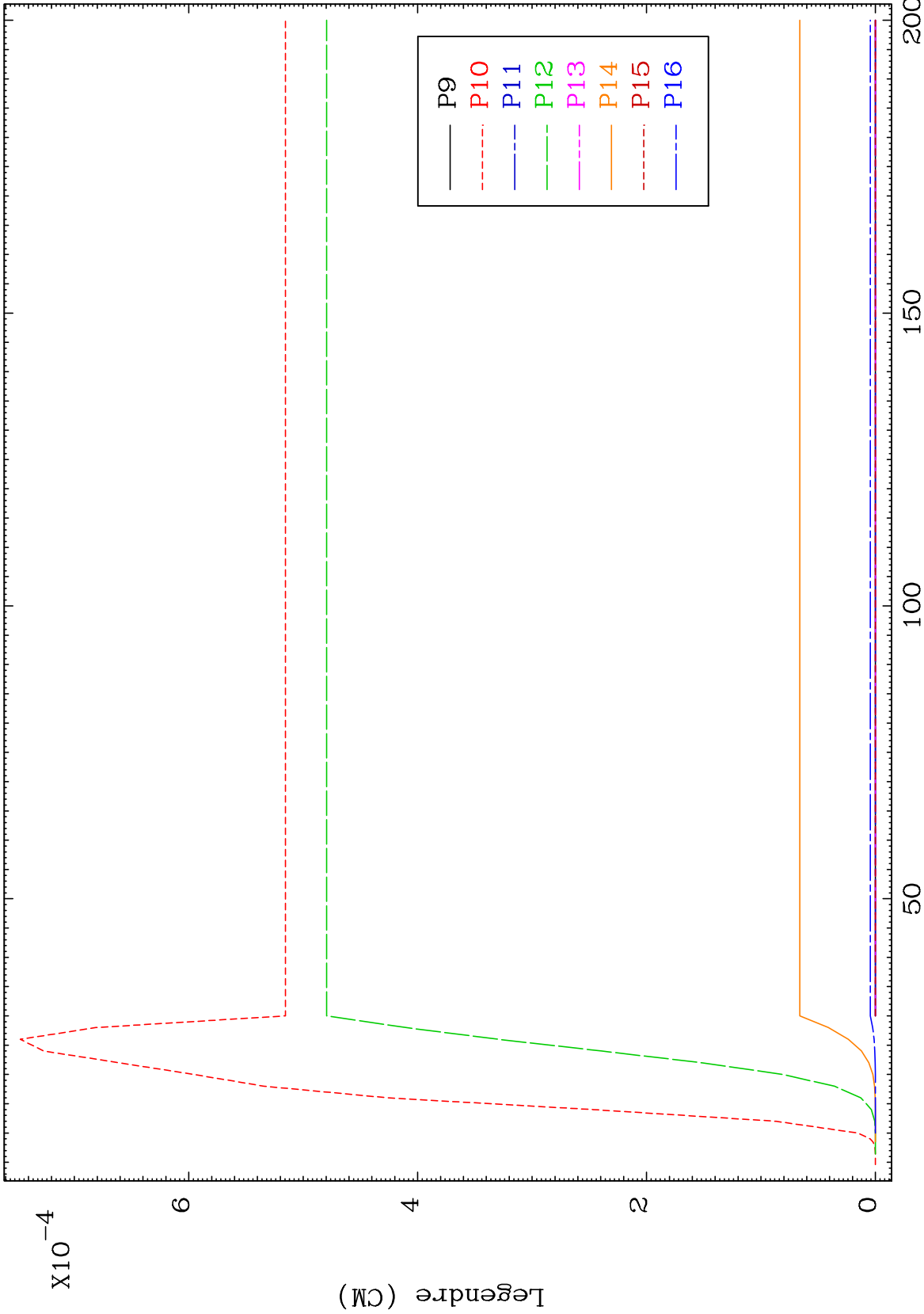
200

24-Cr-48

MAT 2419

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

24-Cr-48

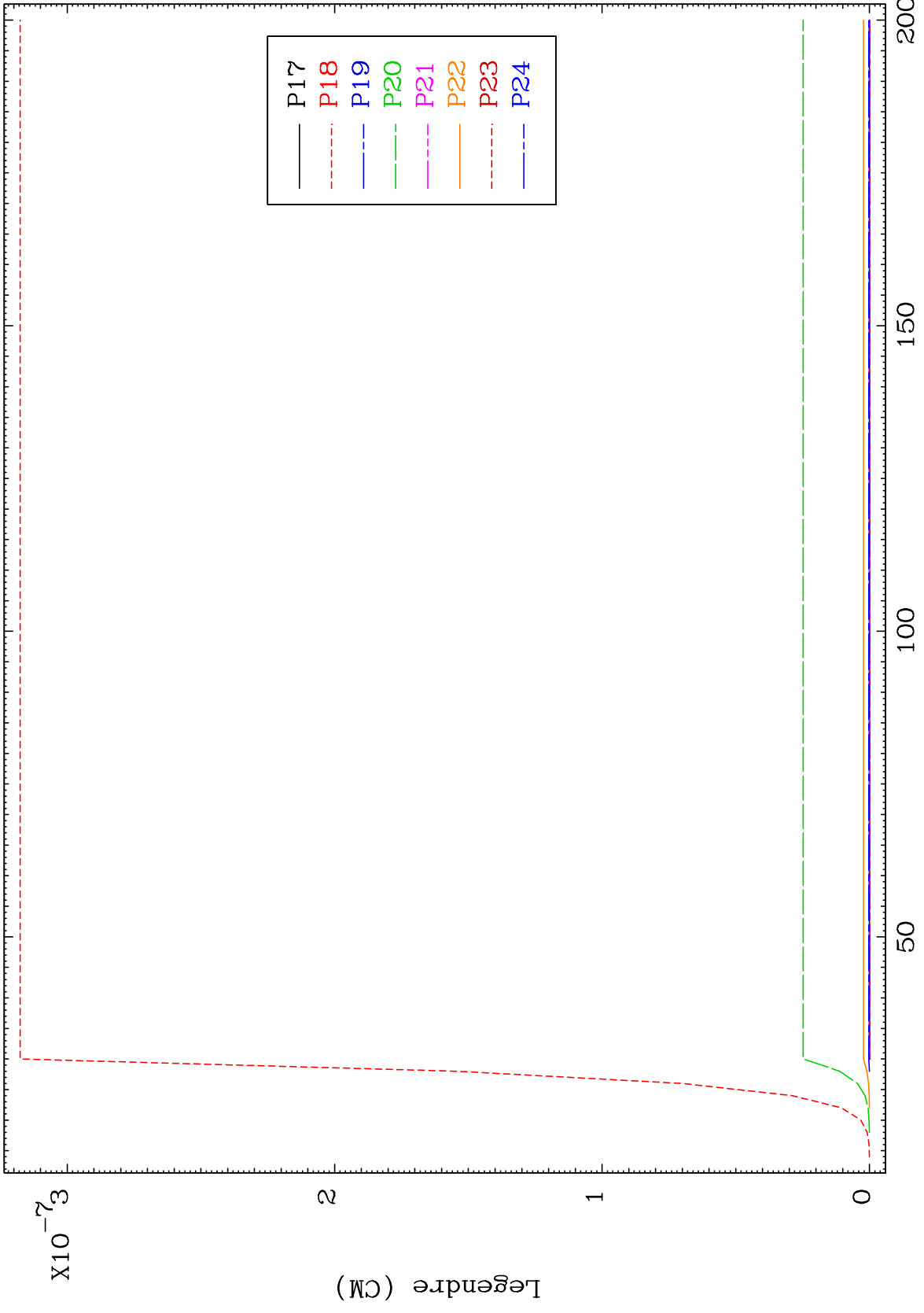


38

Incident Energy (MeV)

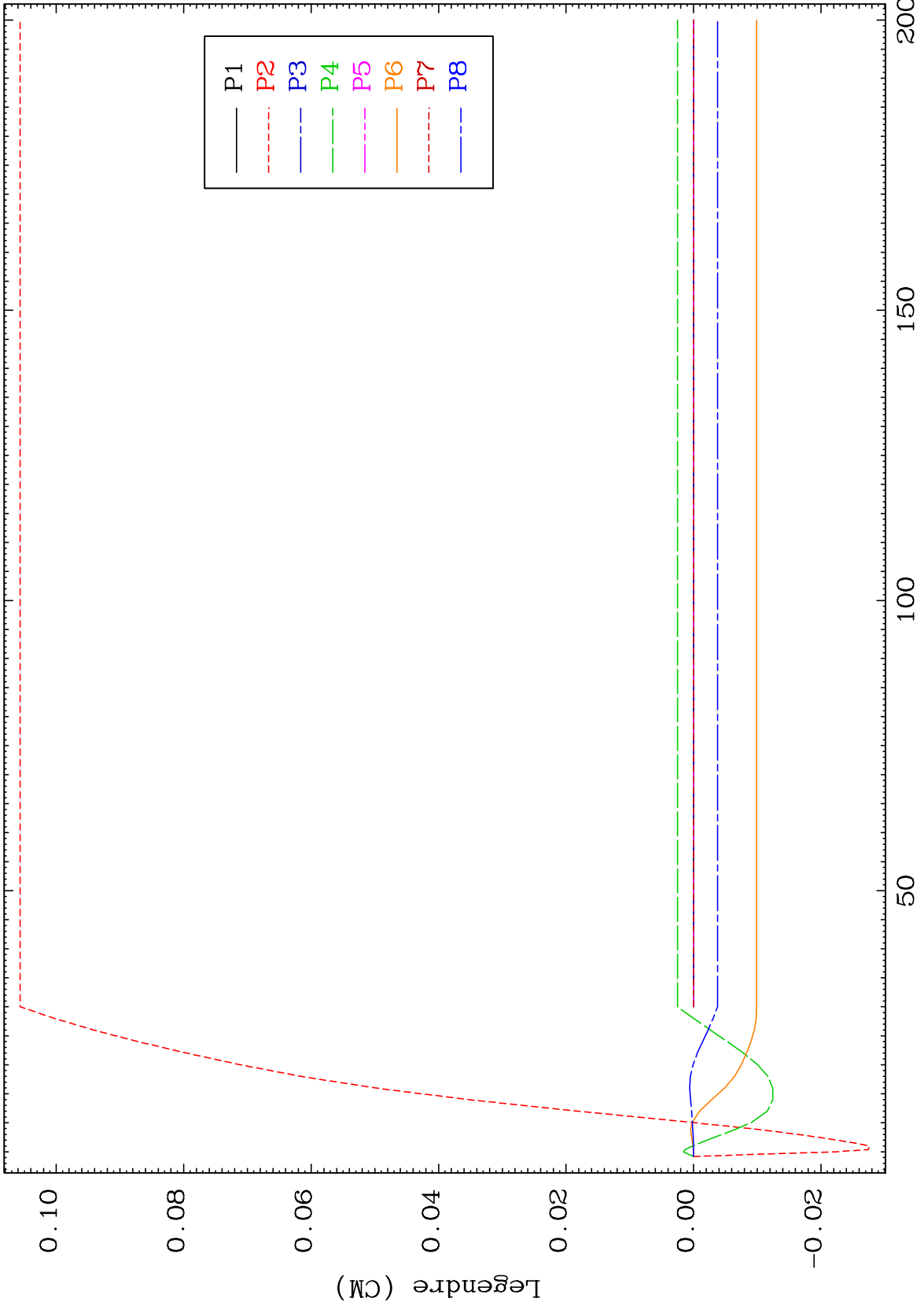
24-Cr-48

MAT 2419 MT= 58 (n,n') Level Legendre Coefficients 24-Cr-48



39 Incident Energy (MeV) 24-Cr-48

MAT 2419 MT= 59 (n,n') Level Legendre Coefficients 24-Cr-48

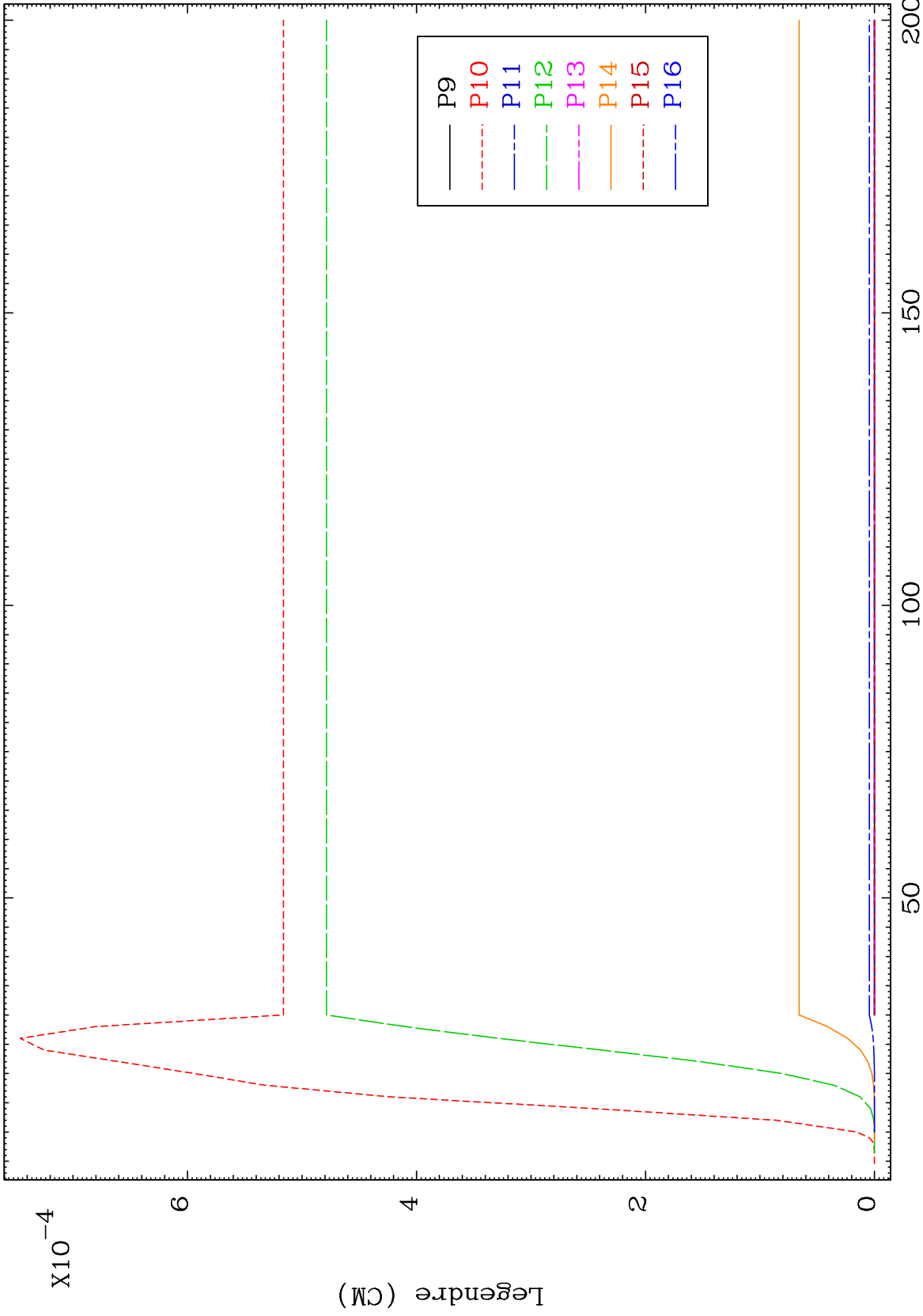


24-Cr-48

MAT 2419

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

24-Cr-48

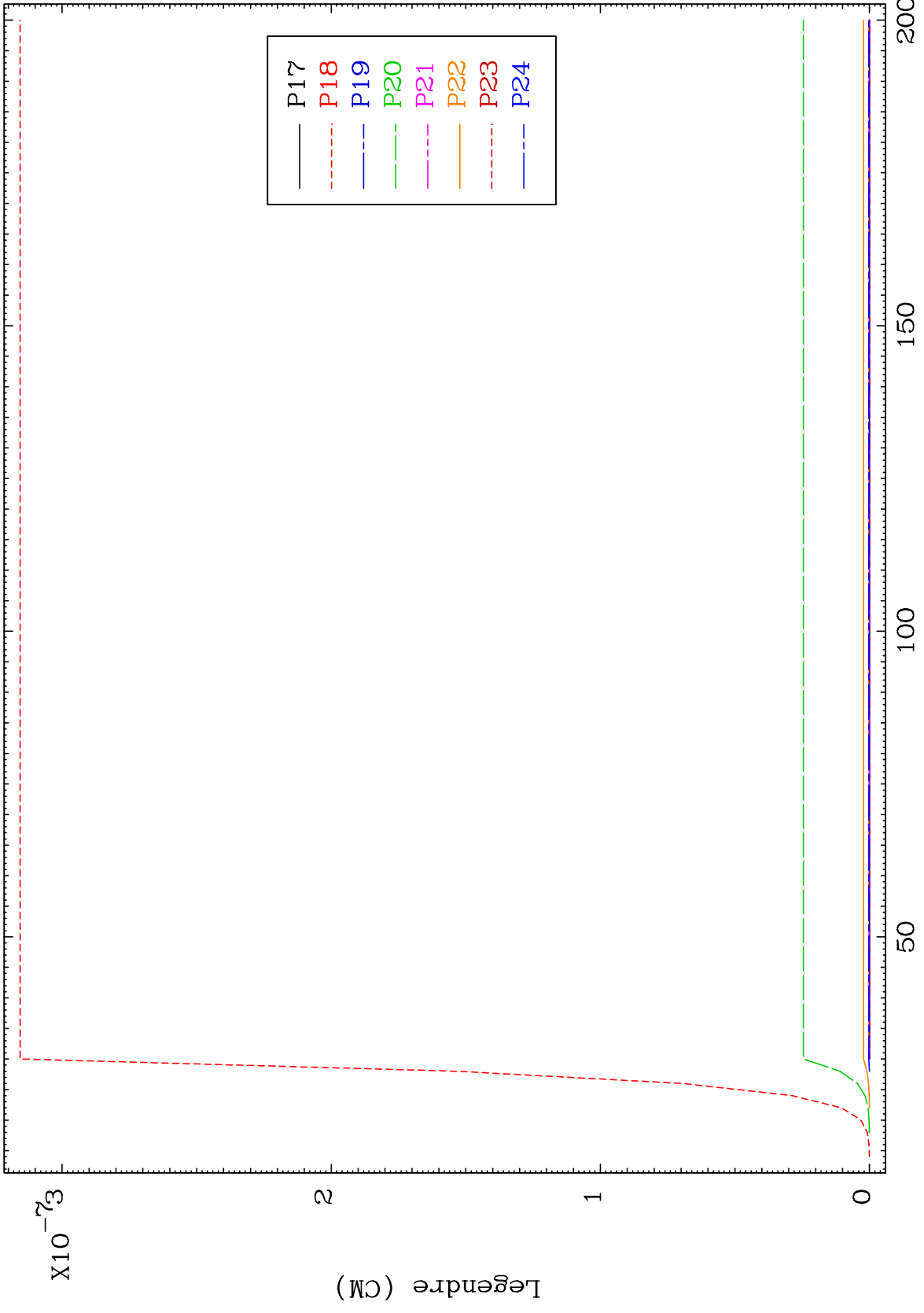


41

Incident Energy (MeV)

24-Cr-48

MAT 2419 MT= 59 (n,n') Level Legendre Coefficients 24-Cr-48



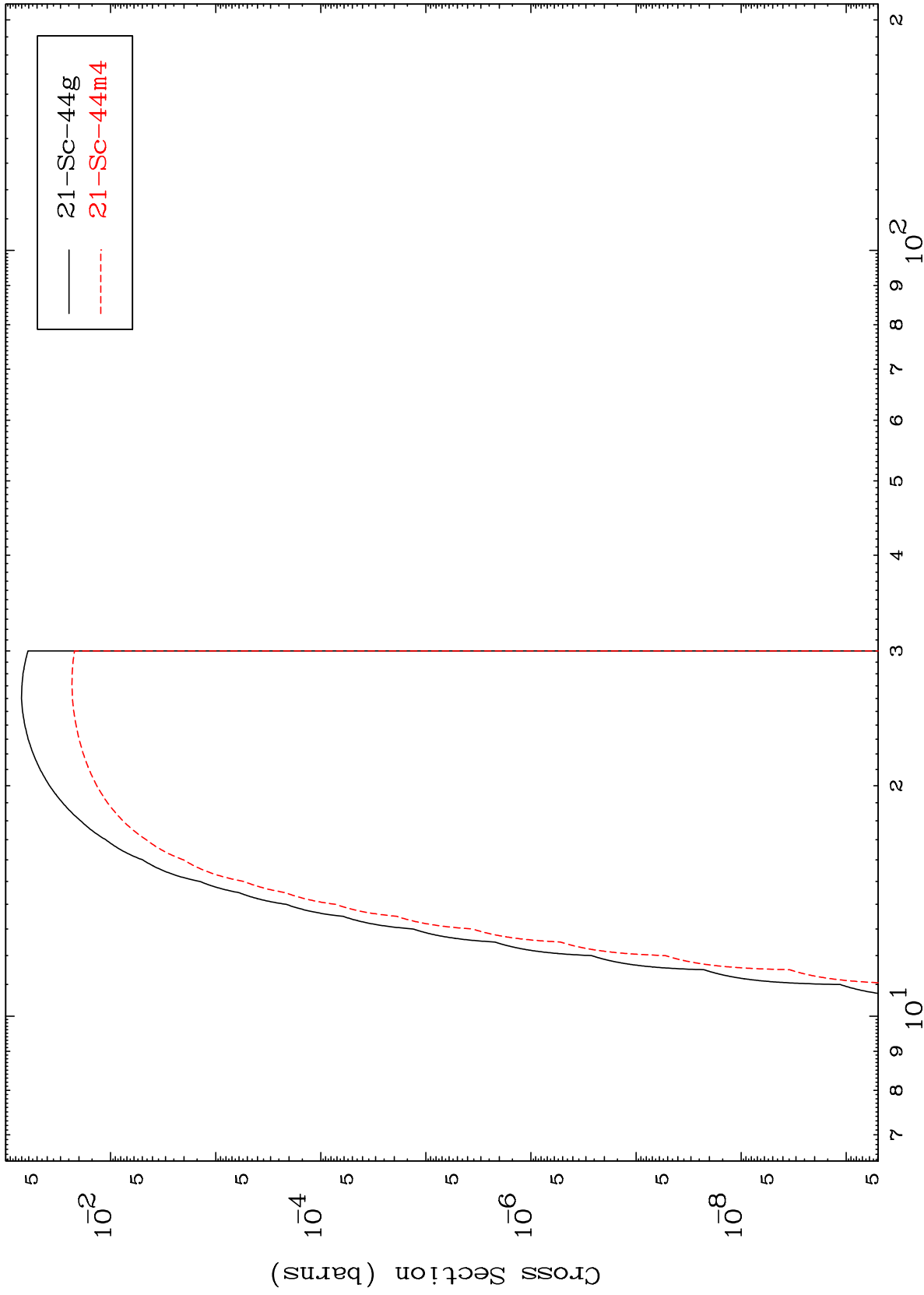
42 50 100 150 200 24-Cr-48

MAT 2419

(n,p) α

²⁴Cr-48

Radionuclide Production Cross Section



43

Incident Energy (MeV)

²⁴Cr-48