

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

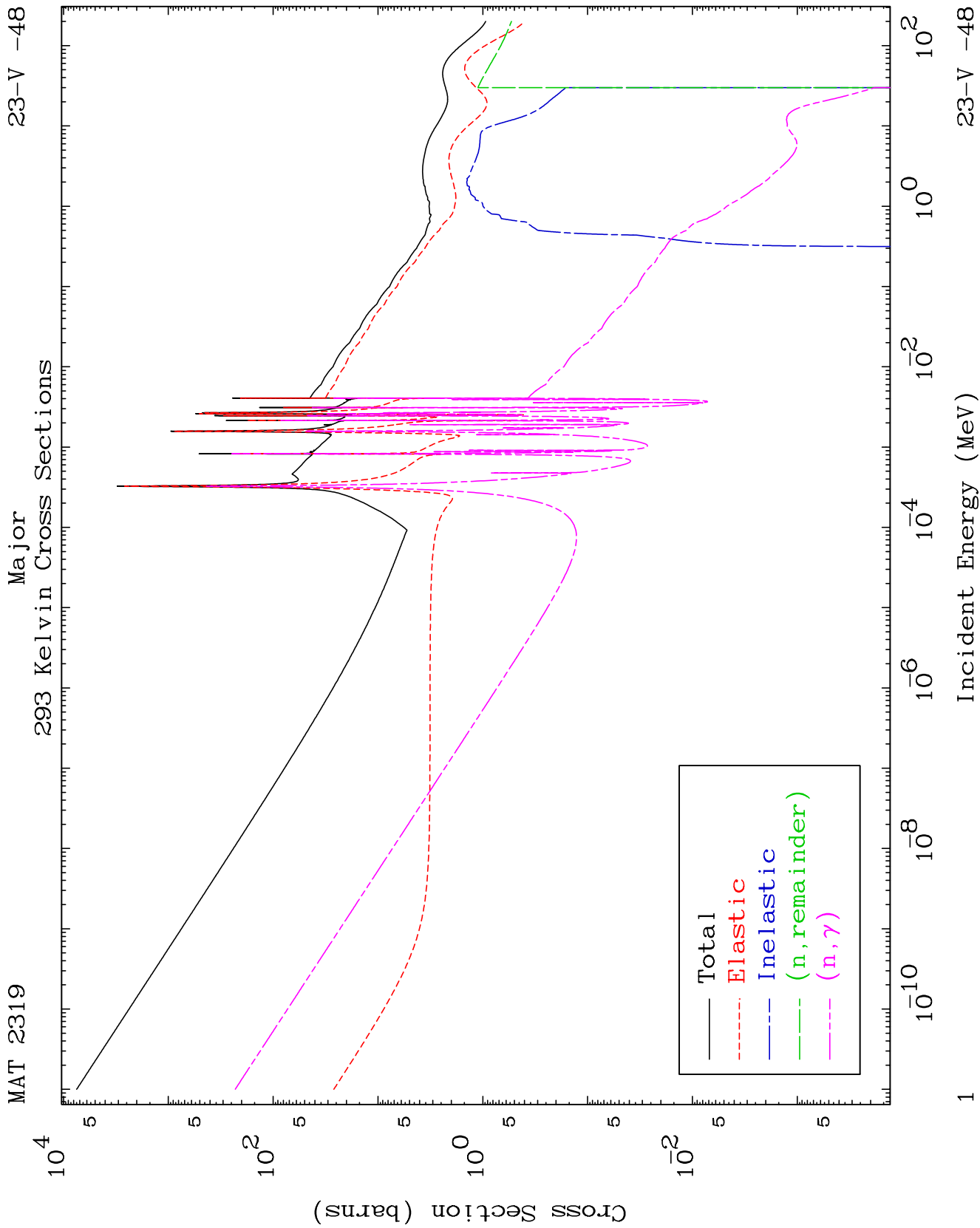
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

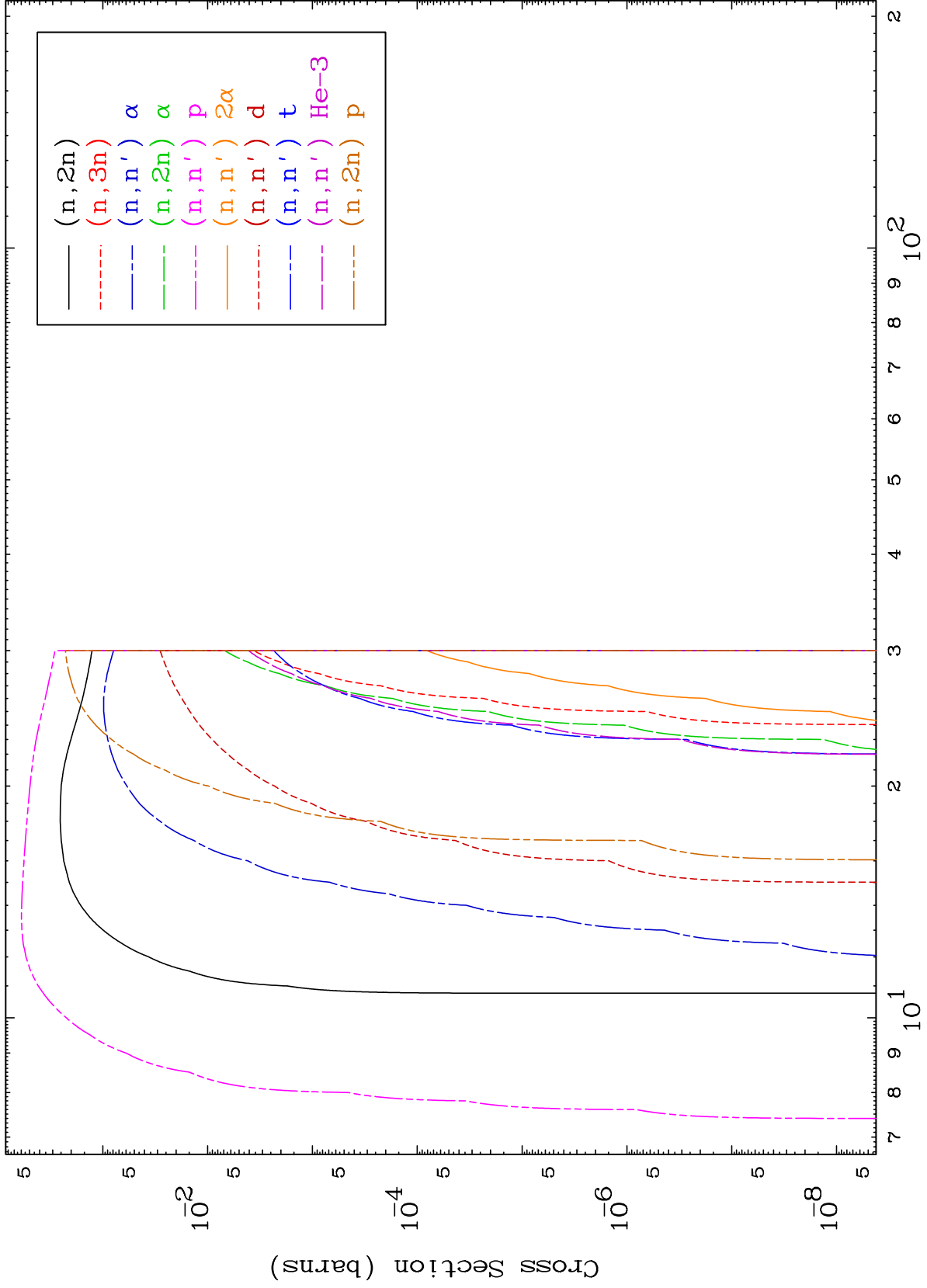
Tele: 925-443-1911

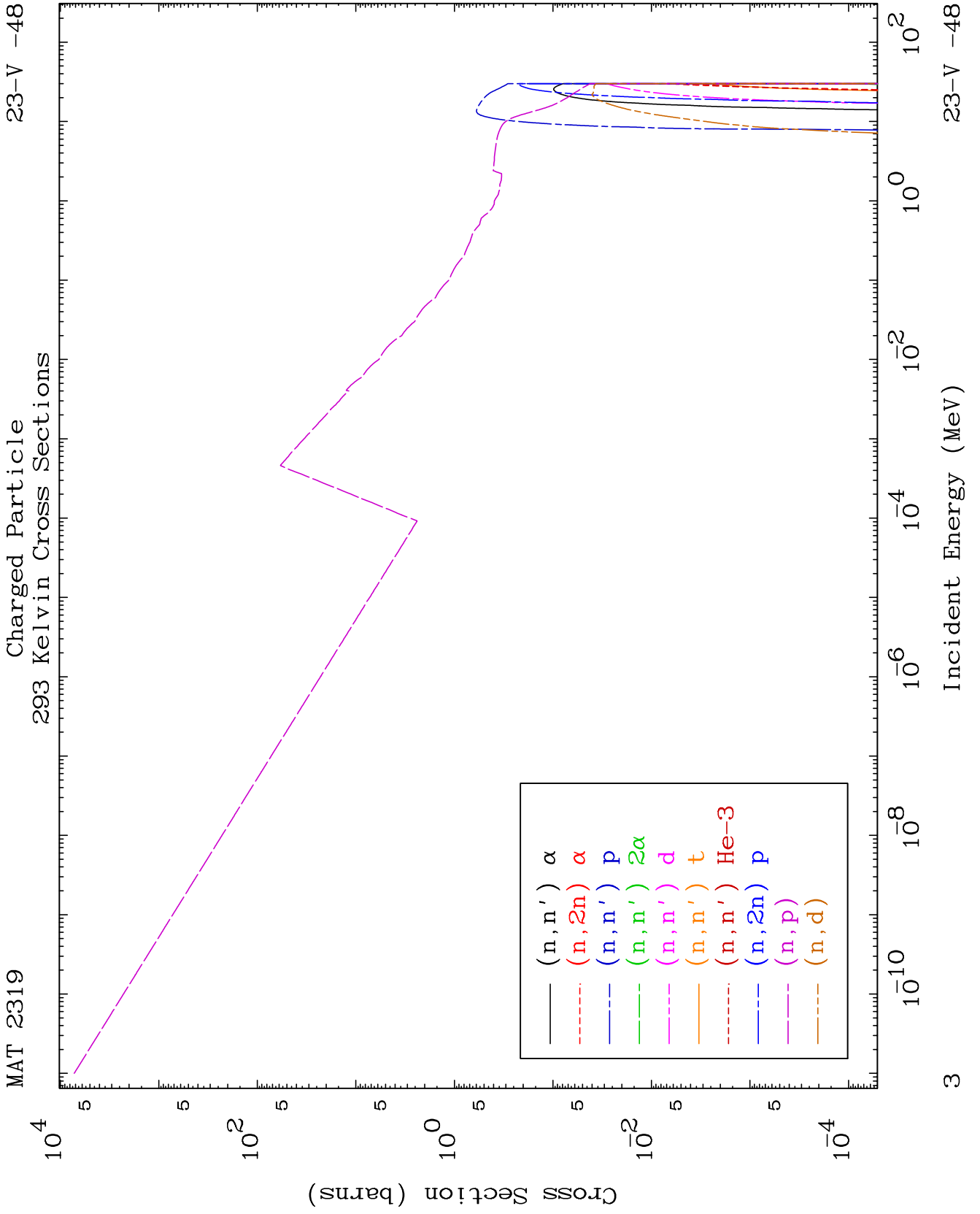
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



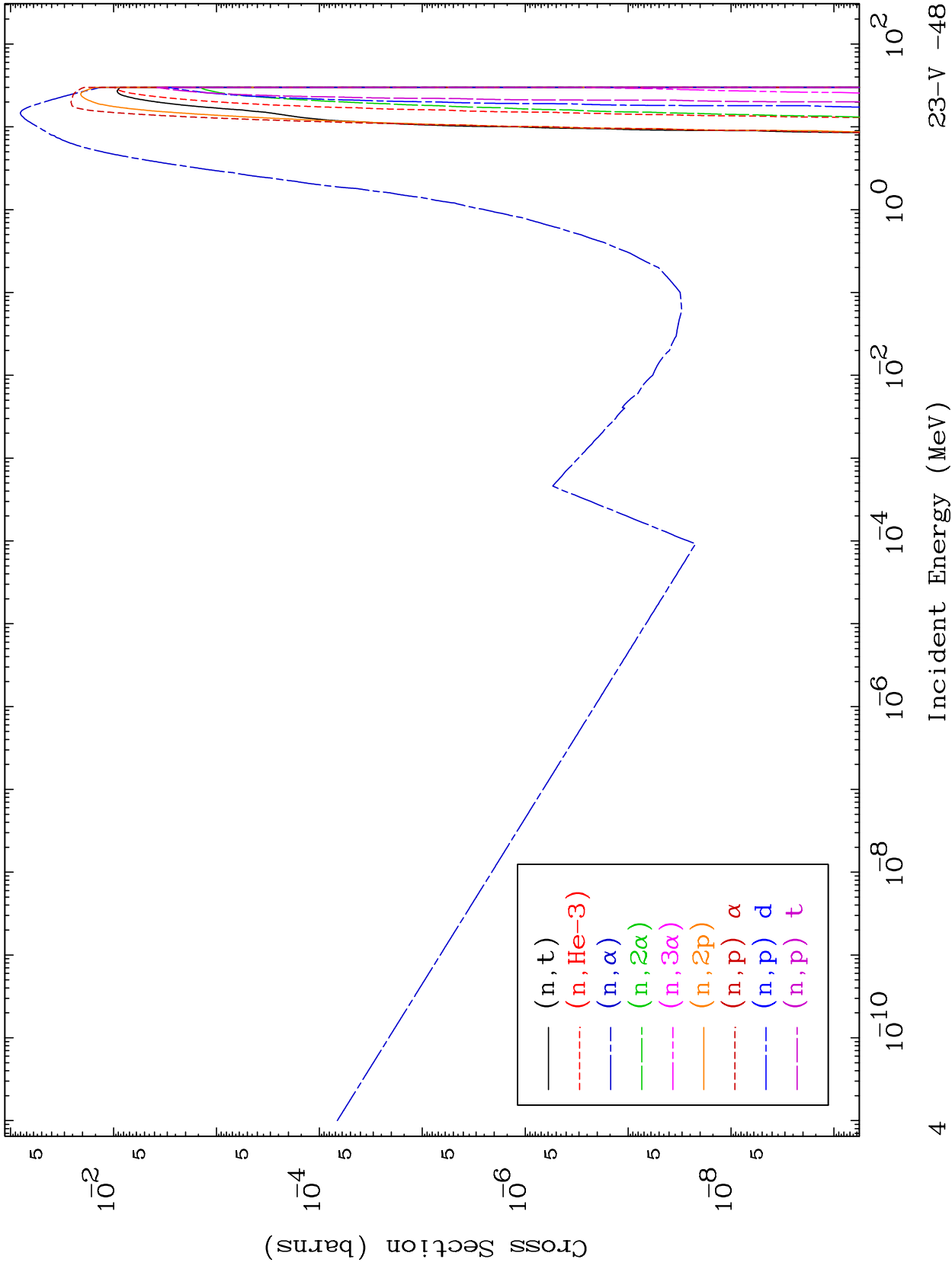




MAT 2319

Charged Particle
293 Kelvin Cross Sections

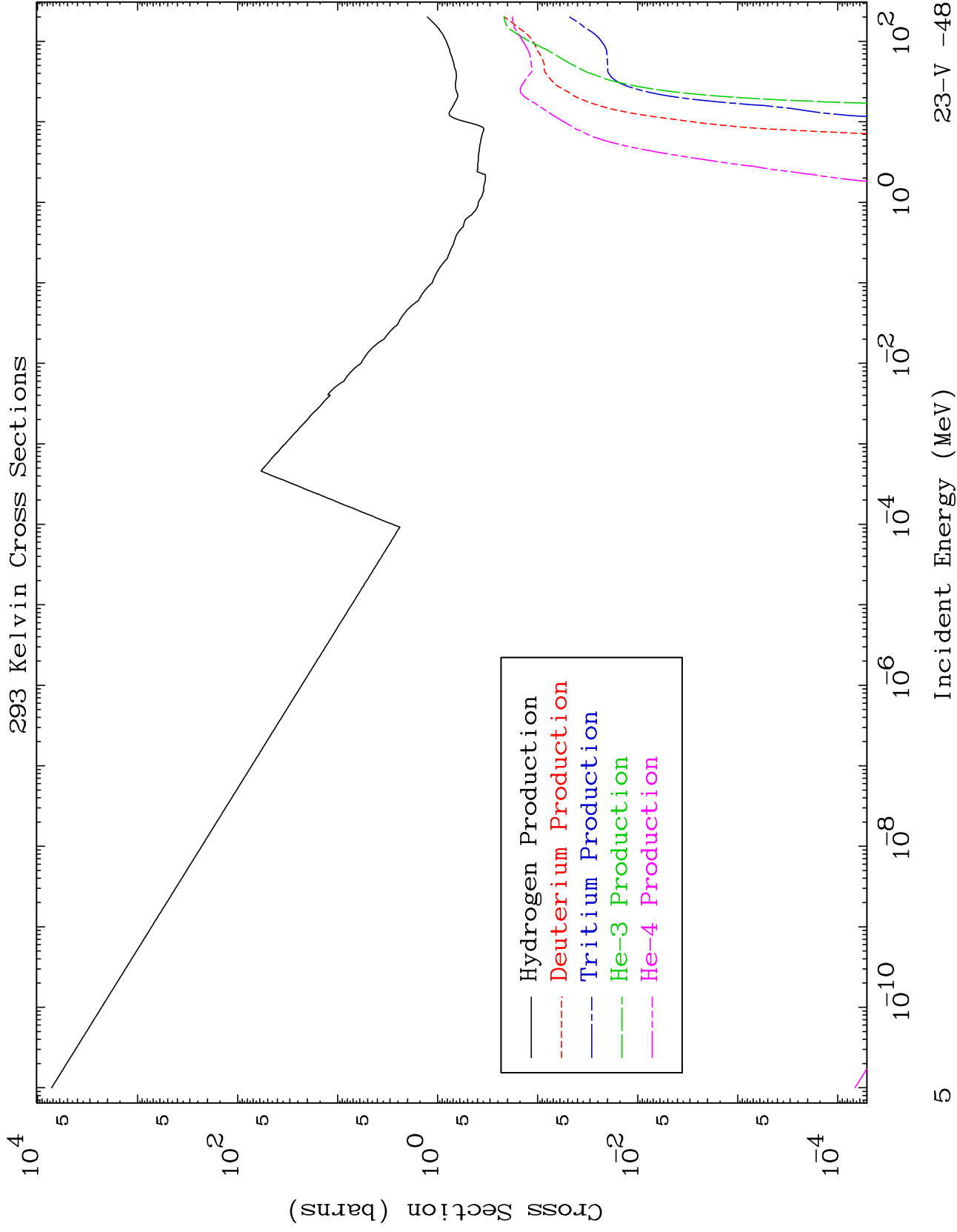
23-V -48



MAT 2319

Particle Production
293 Kelvin Cross Sections

23-V -48

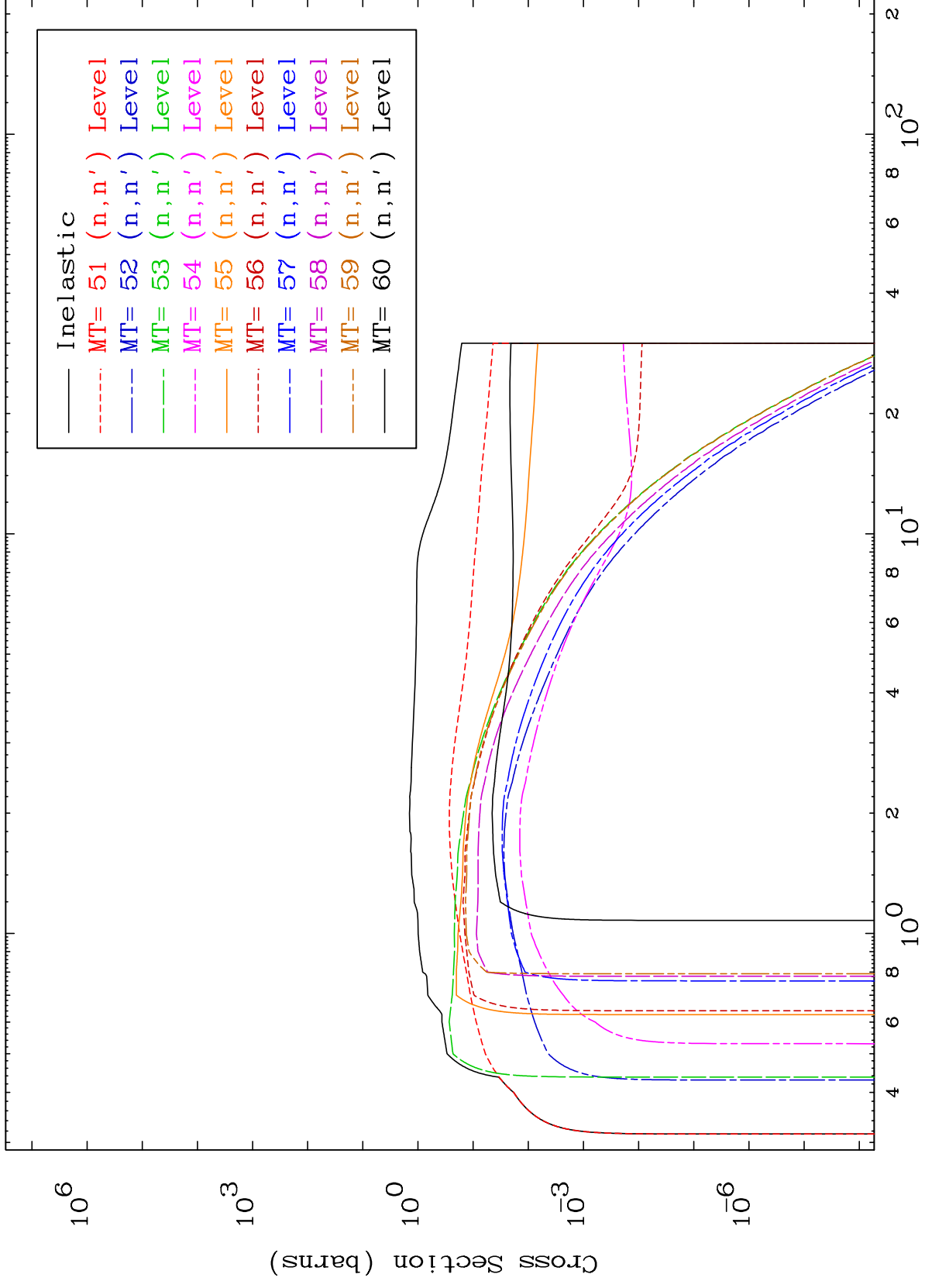


5

Incident Energy (MeV)

23-V -48

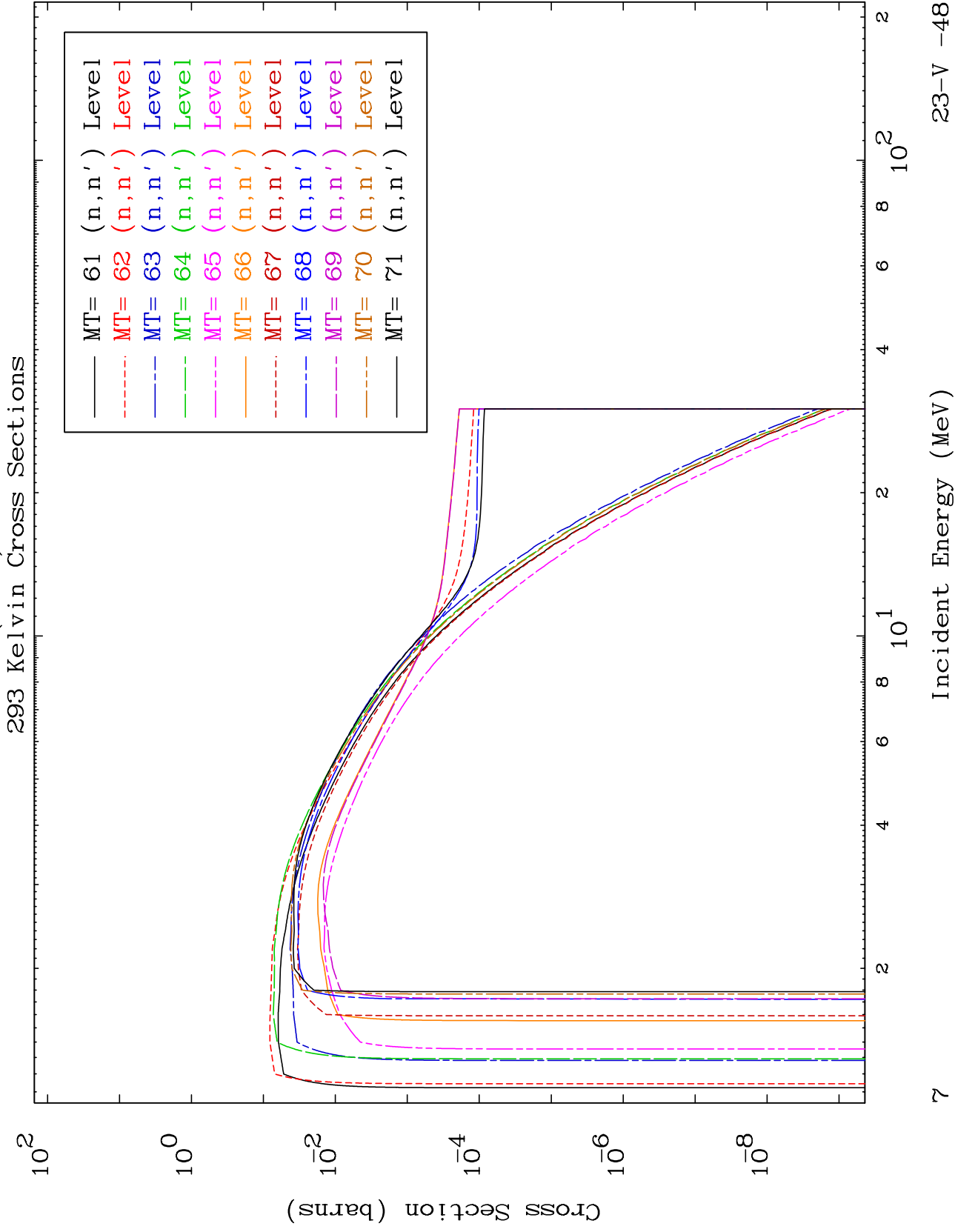
293 Kelvin Cross Sections



MAT 2319

(n,n') Level

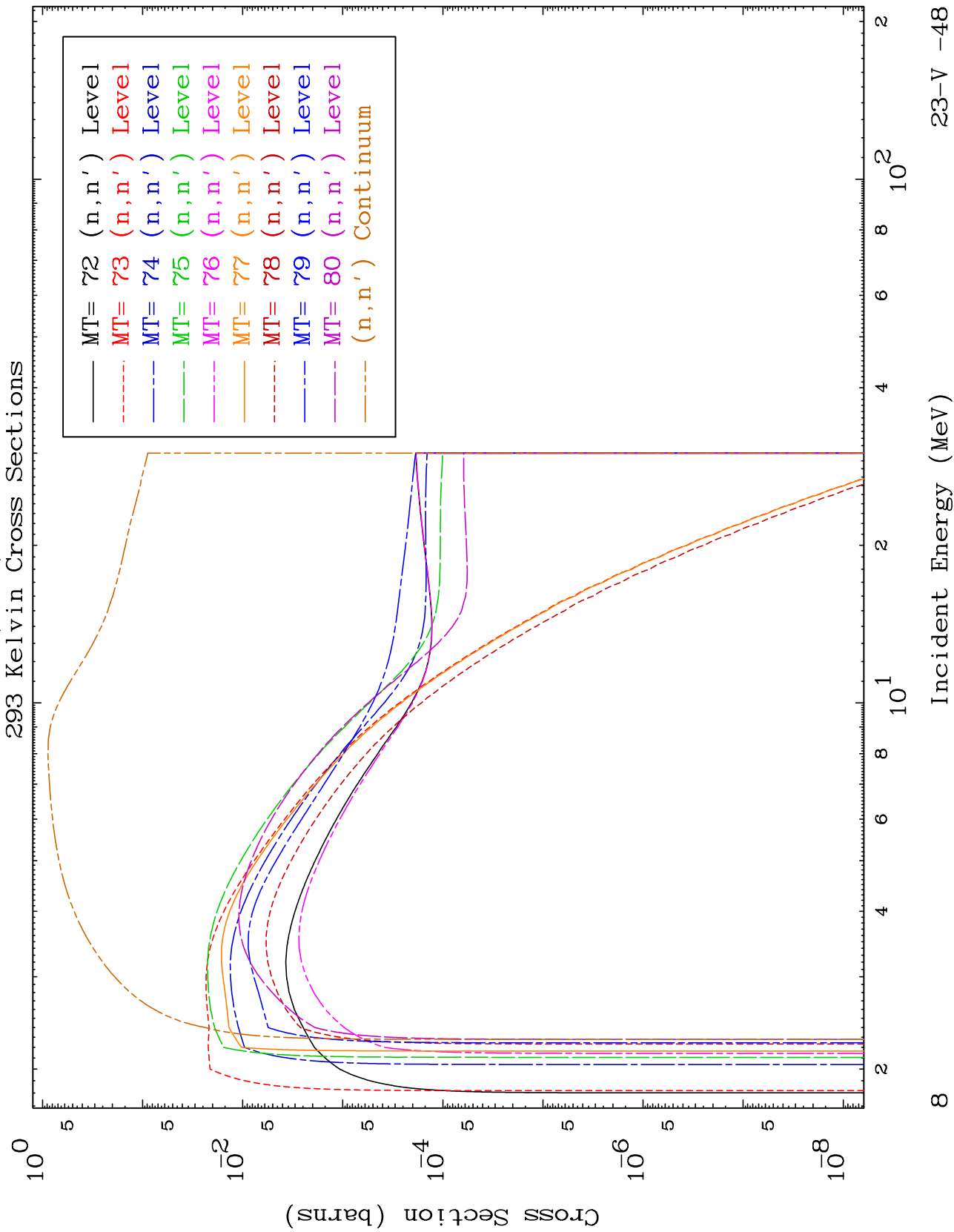
23-V -48



MAT 2319

(n,n') Level

23-V -48

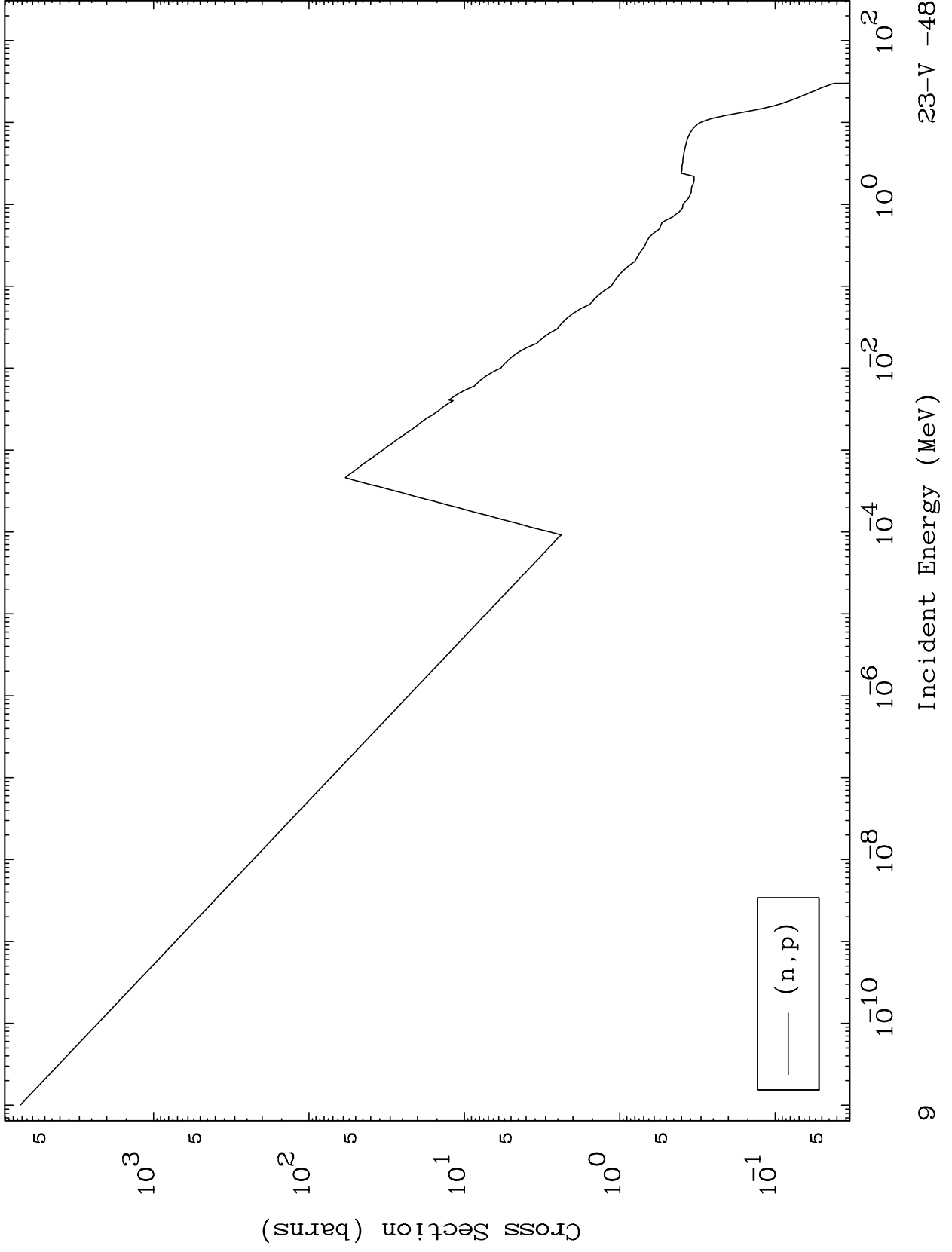


8

MAT 2319

(n,p) Levels
293 Kelvin Cross Sections

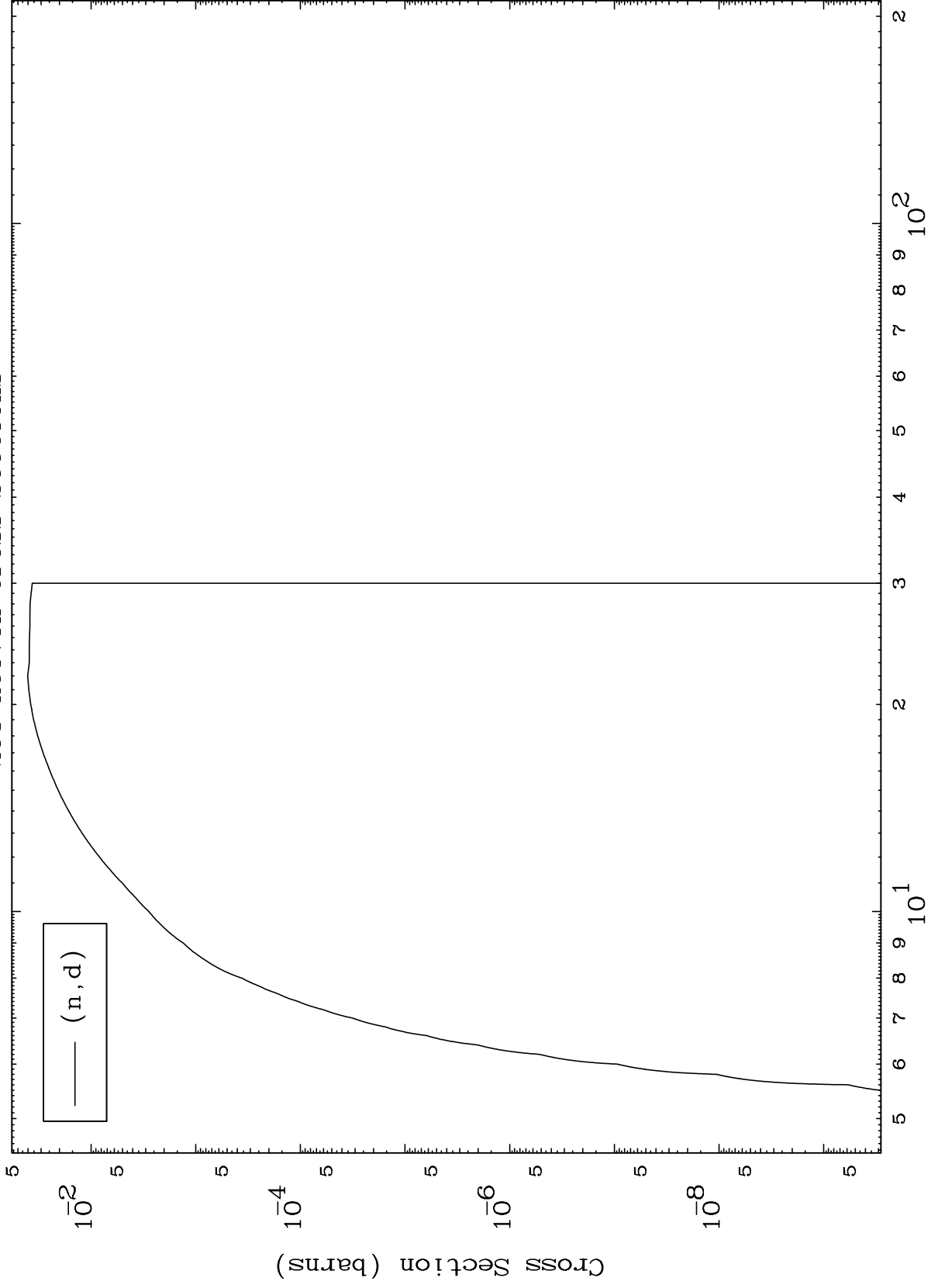
23-V -48



MAT 2319

(n,d) Levels
293 Kelvin Cross Sections

23-V -48



10

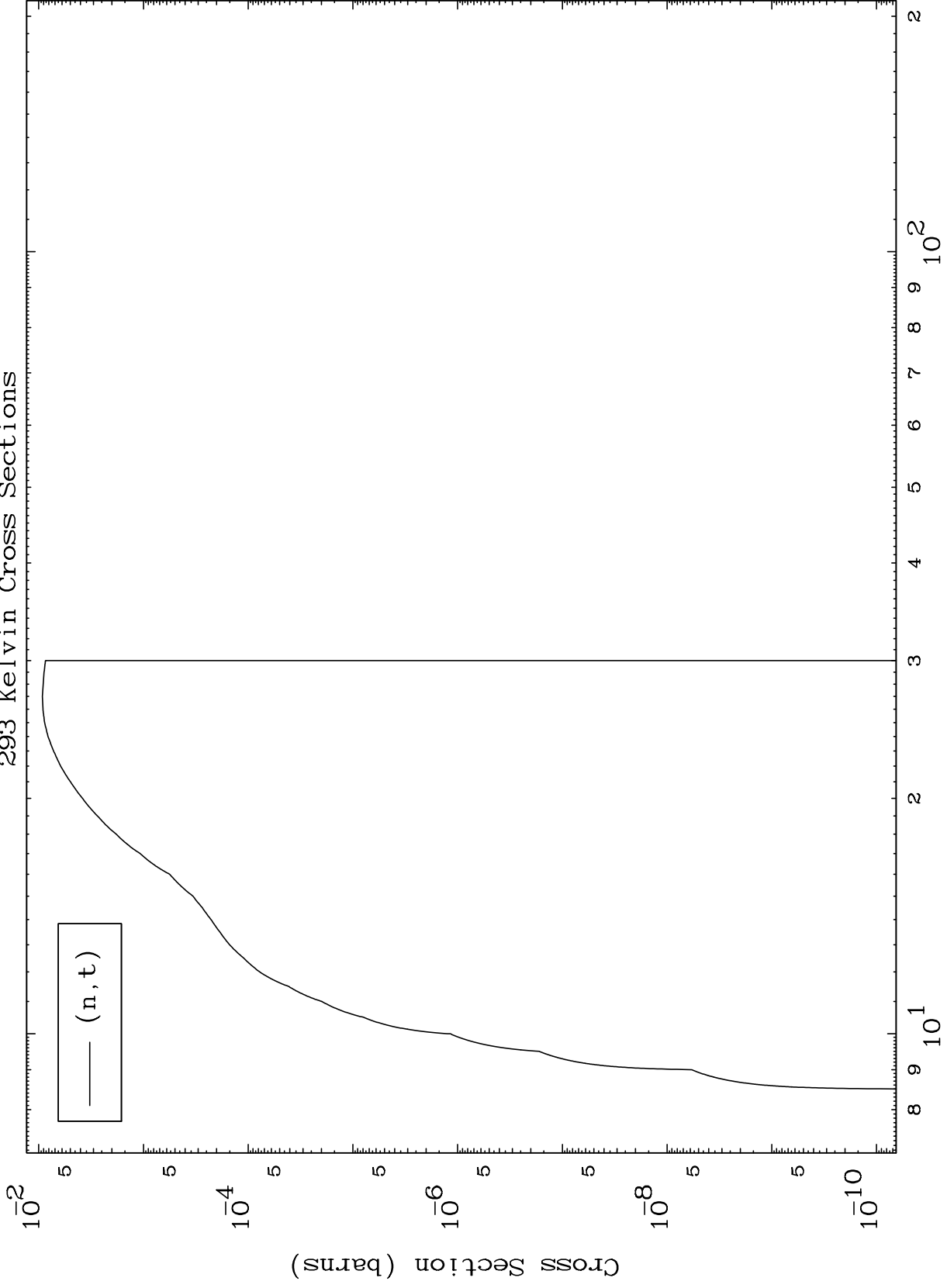
Incident Energy (MeV)

23-V -48

MAT 2319

(n,t) Levels
293 Kelvin Cross Sections

23-V -48



11

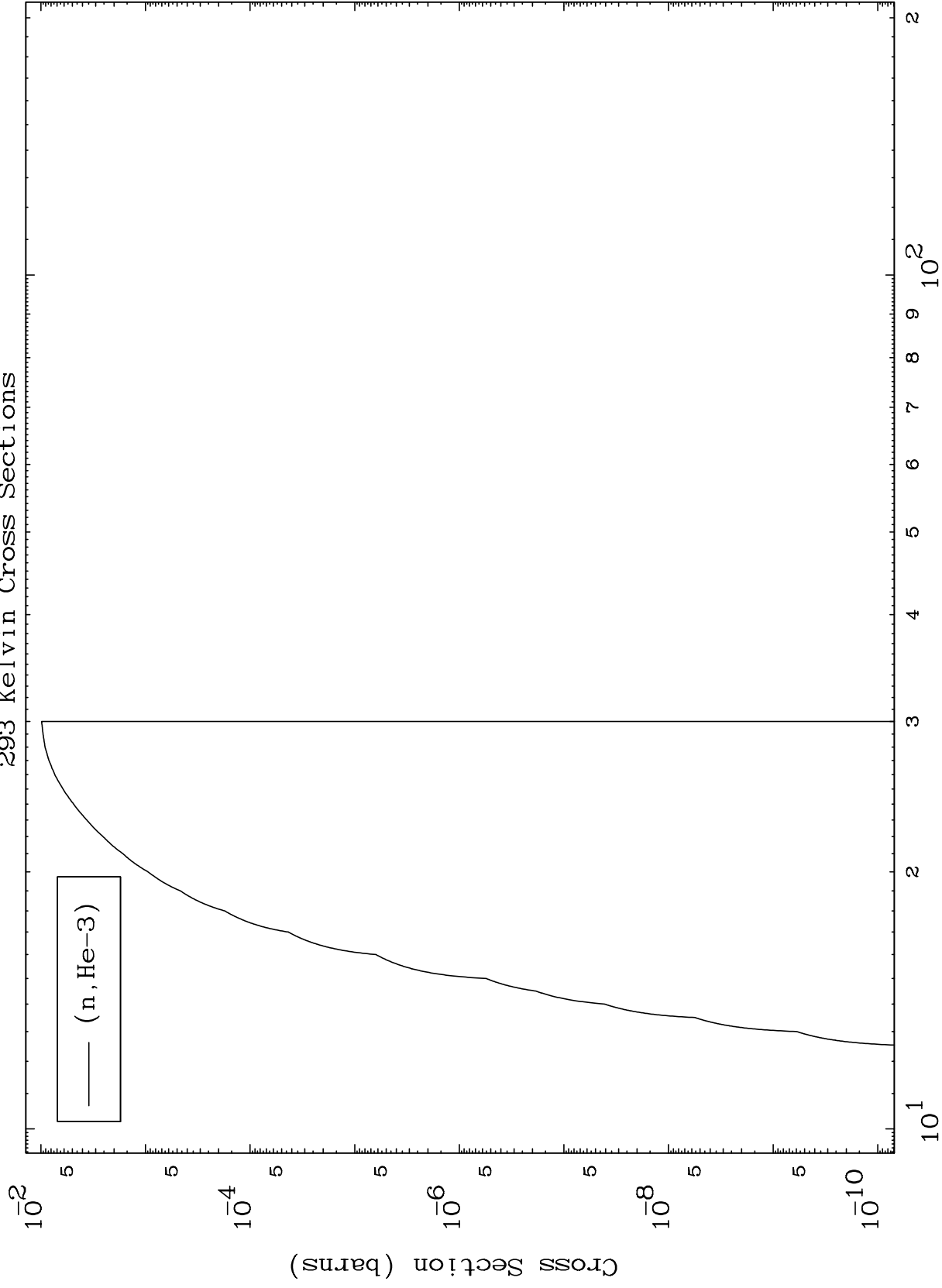
Incident Energy (MeV)

23-V -48

MAT 2319

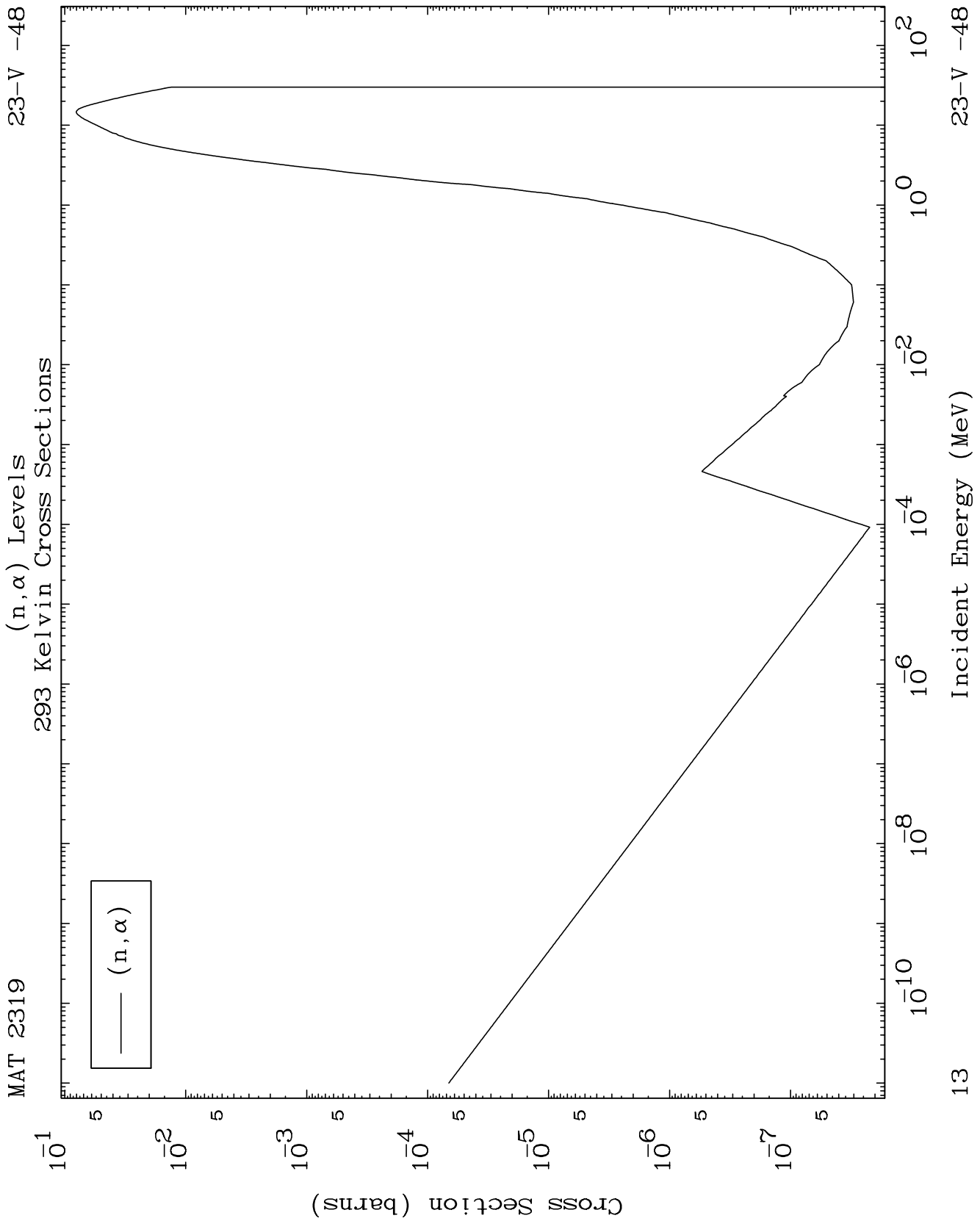
(n,He3) Levels
293 Kelvin Cross Sections

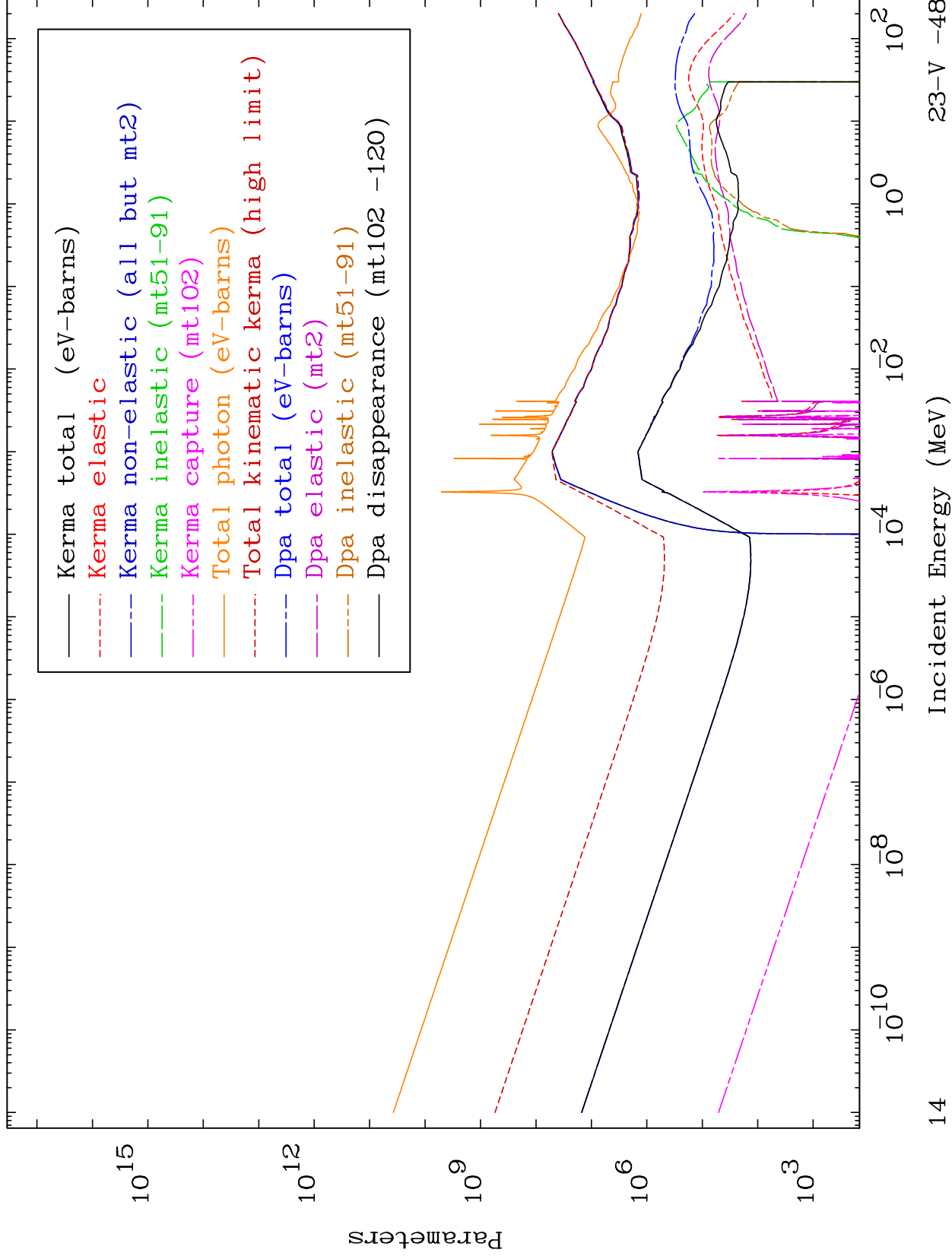
23-V -48



Incident Energy (MeV)

23-V -48

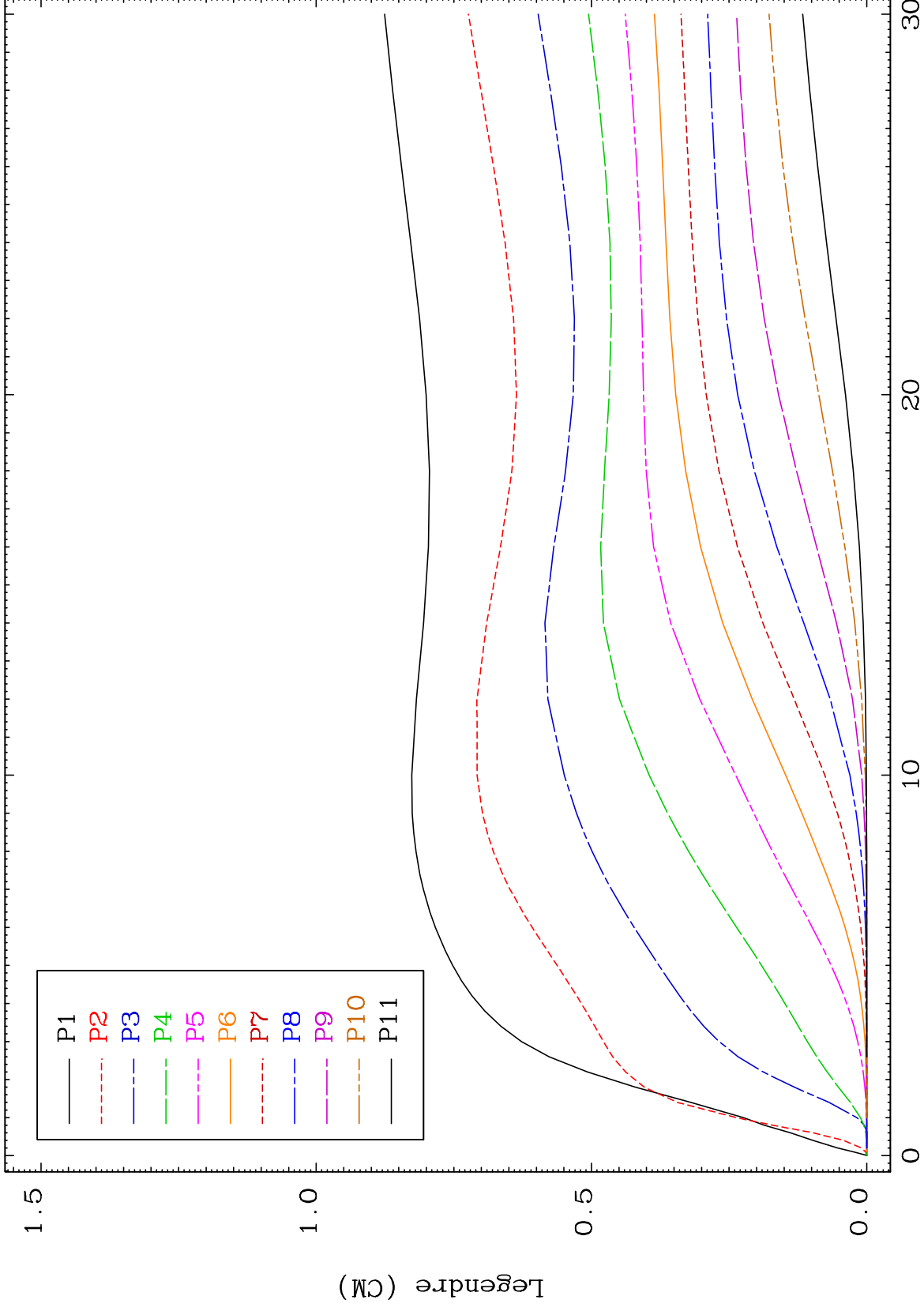




MAT 2319

Elastic Legendre Coefficients

23-V -48



15

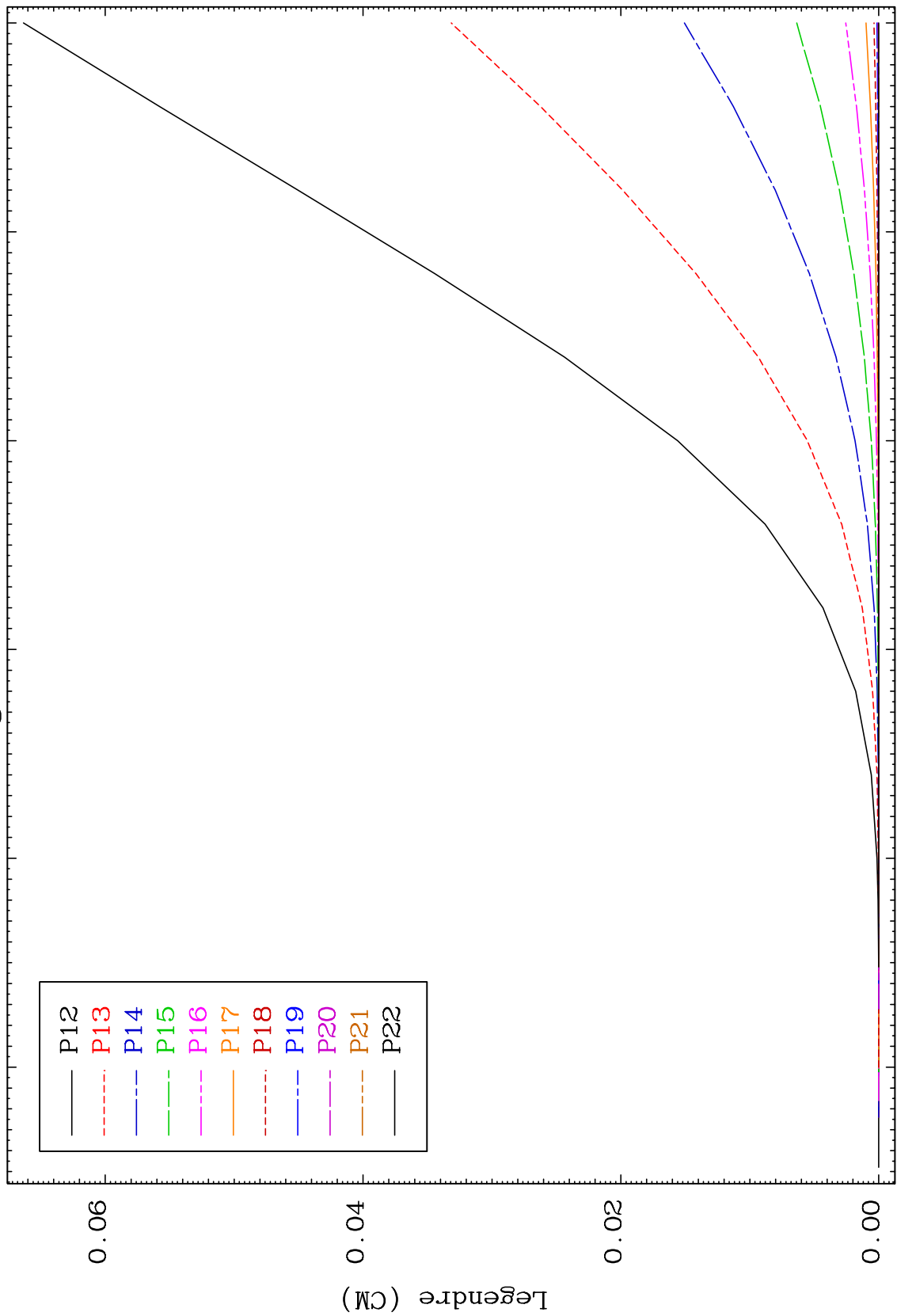
Incident Energy (MeV)

23-V -48

MAT 2319

Elastic
Legendre Coefficients

23-V -48



16

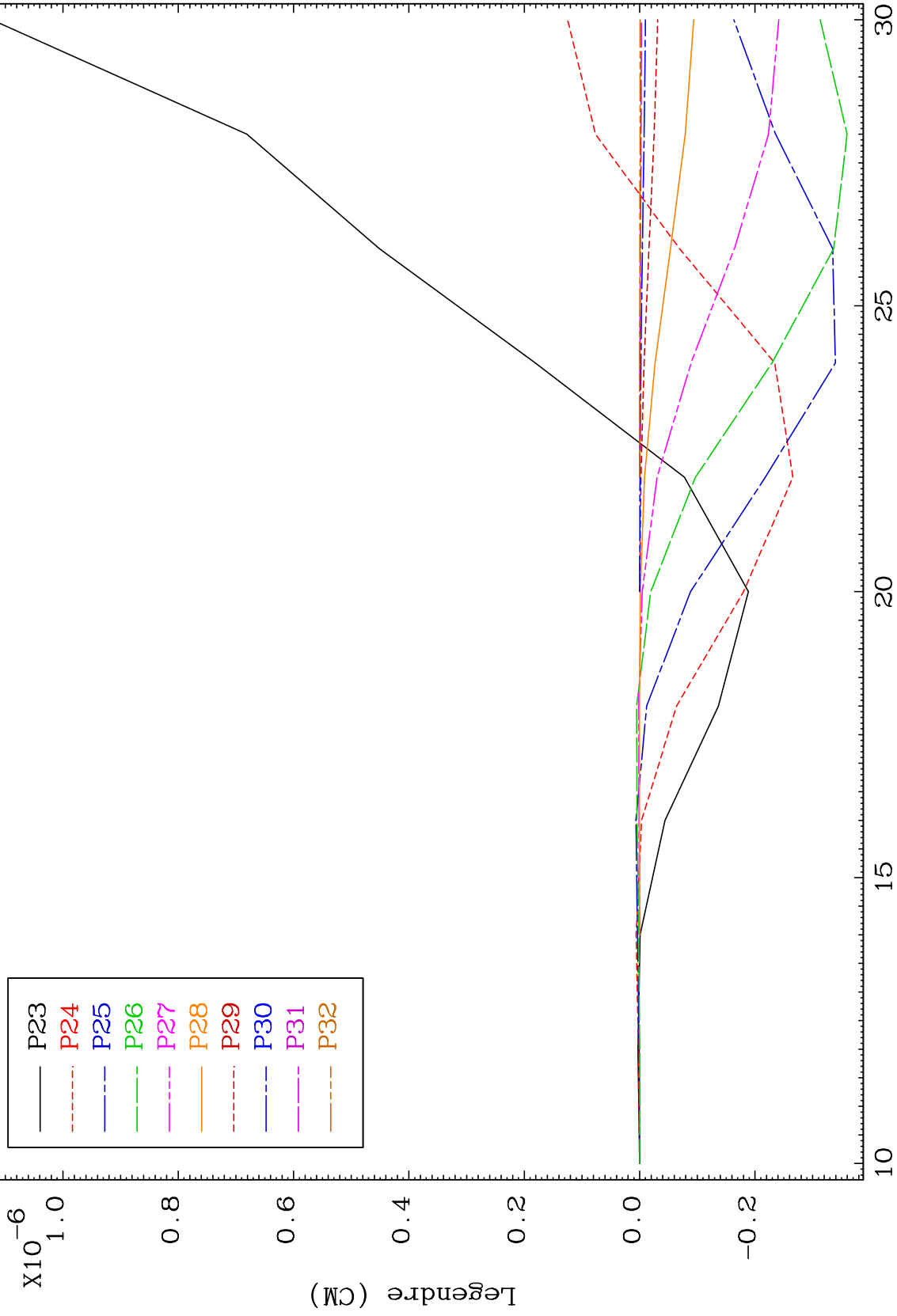
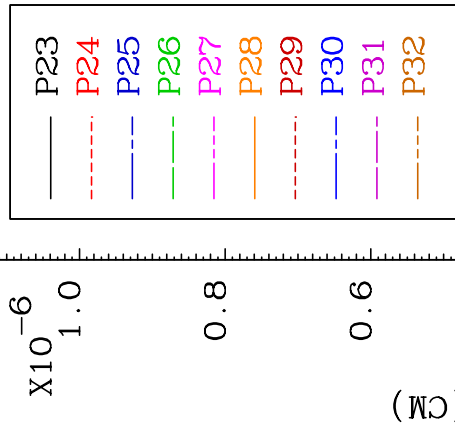
Incident Energy (MeV)

23-V -48

MAT 2319

Elastic Legendre Coefficients

23-V -48



17

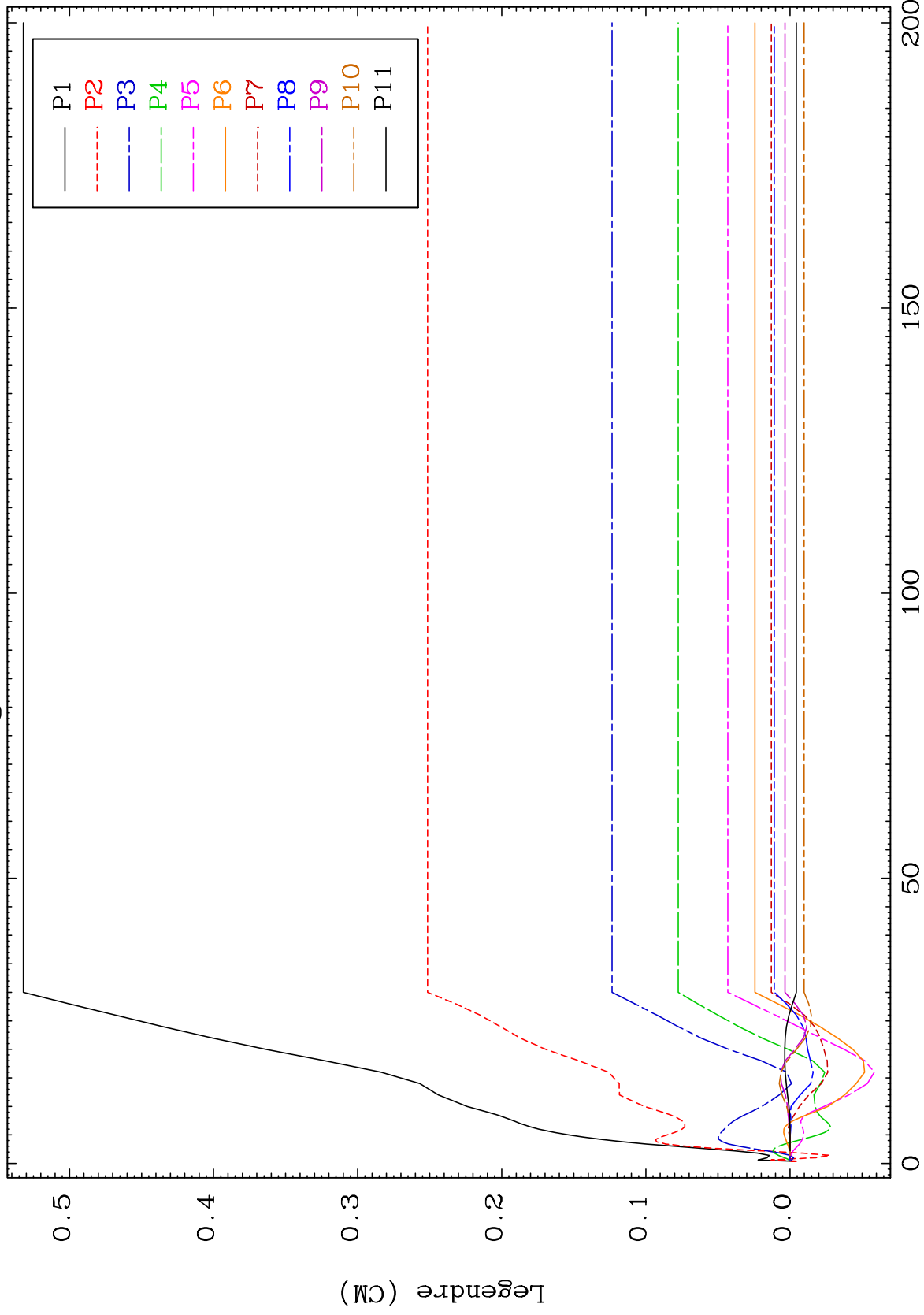
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



18

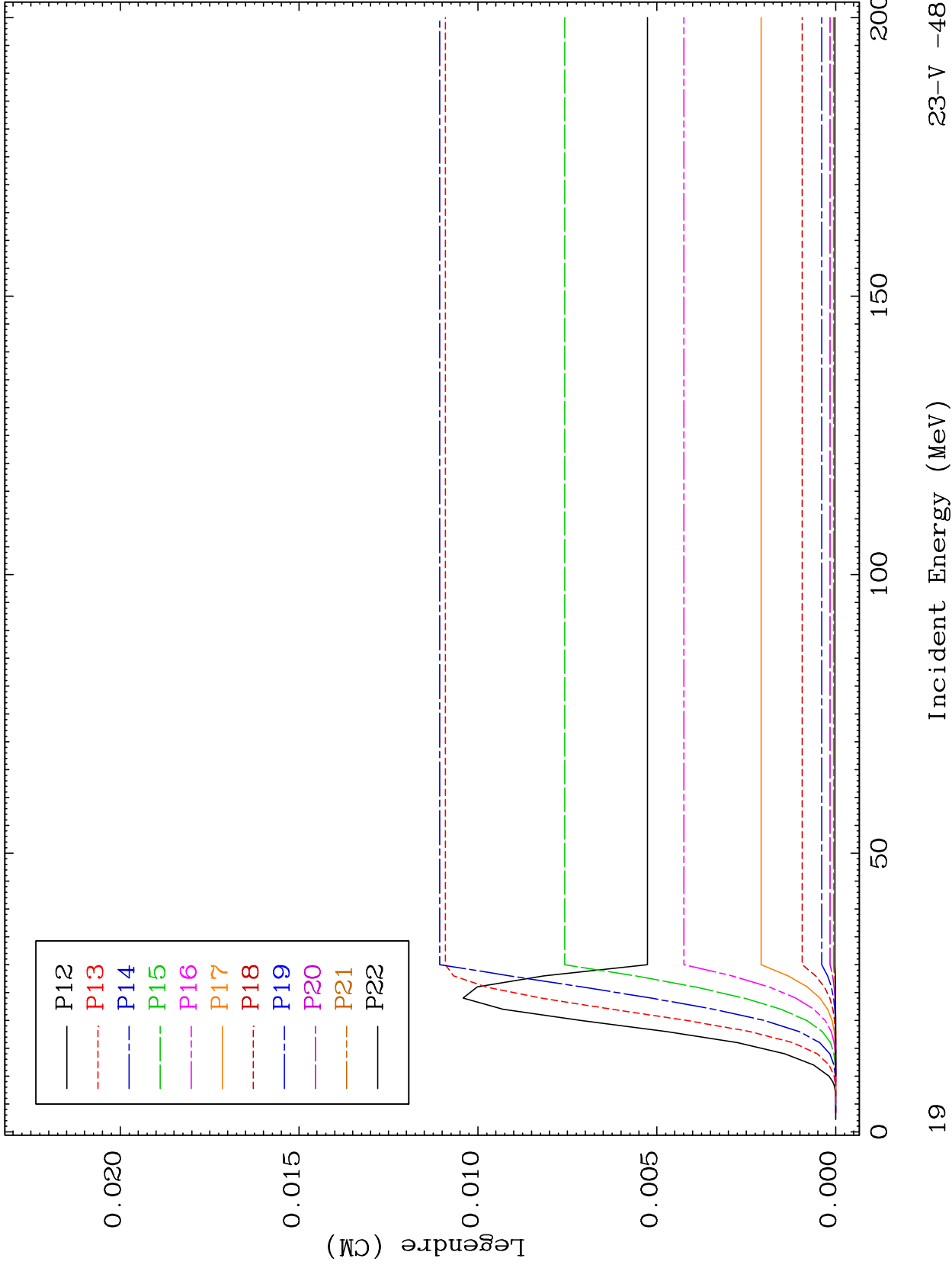
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



19

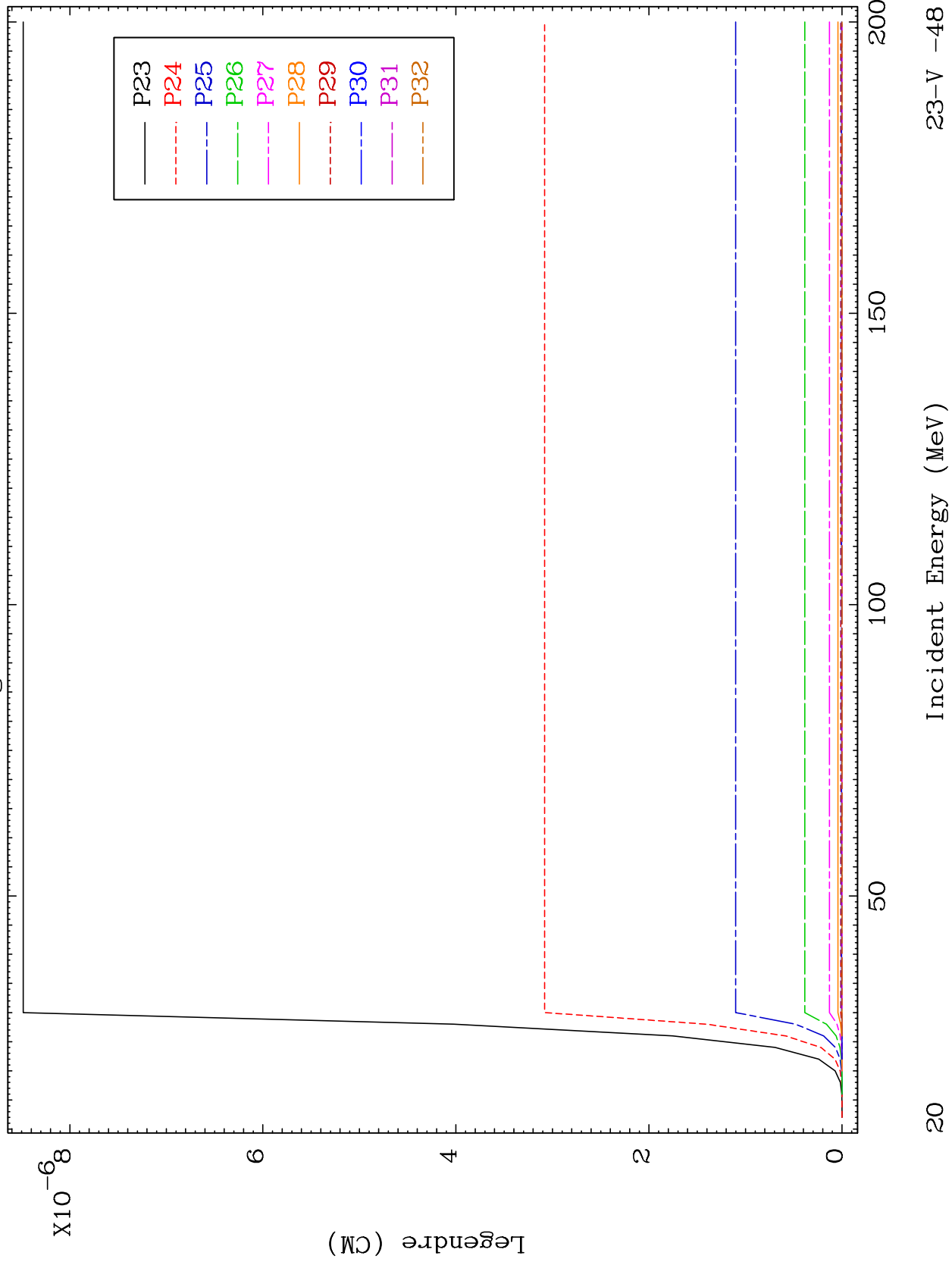
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



20

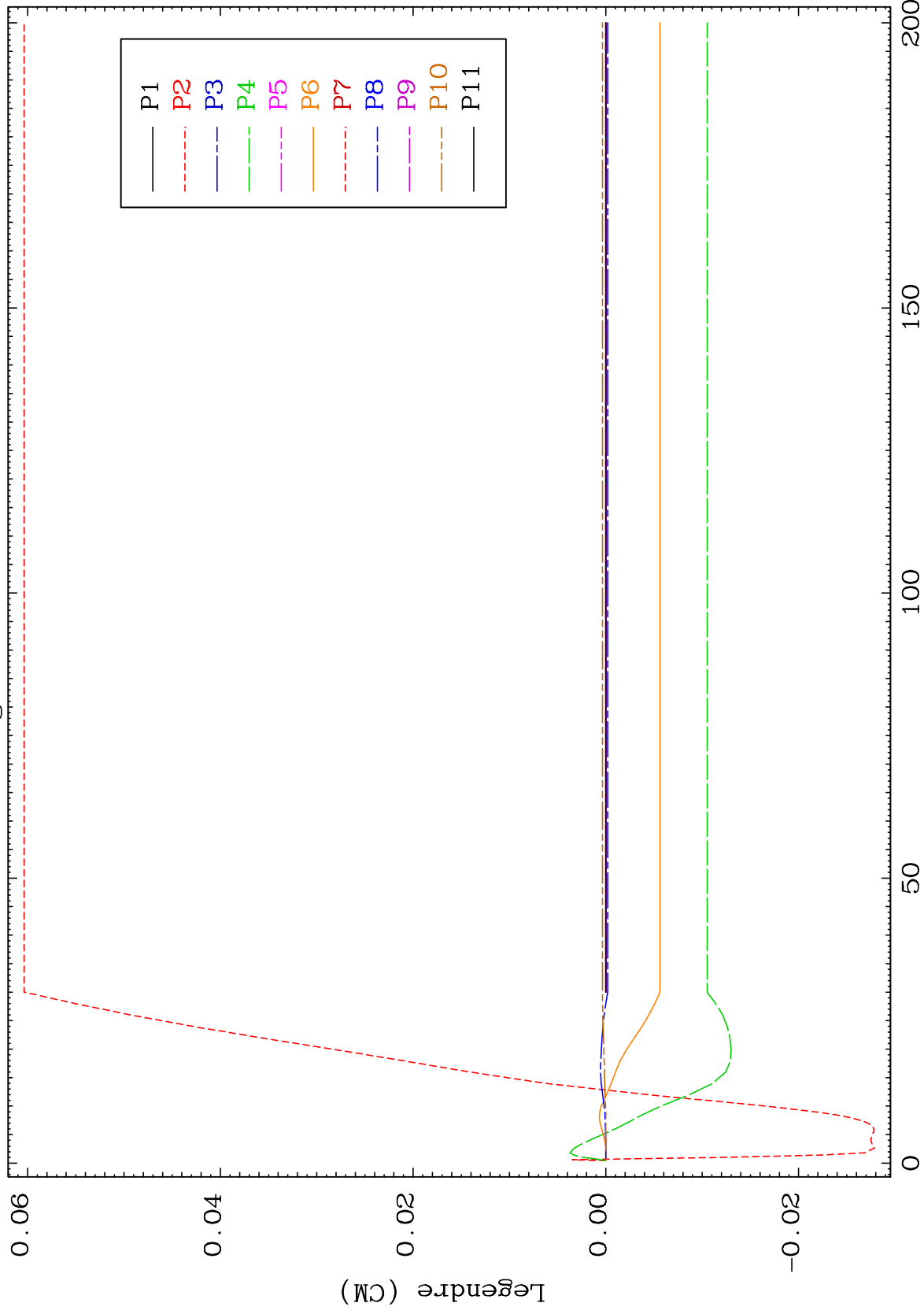
Incident Energy (MeV)

23-V -48

MAT 2319

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

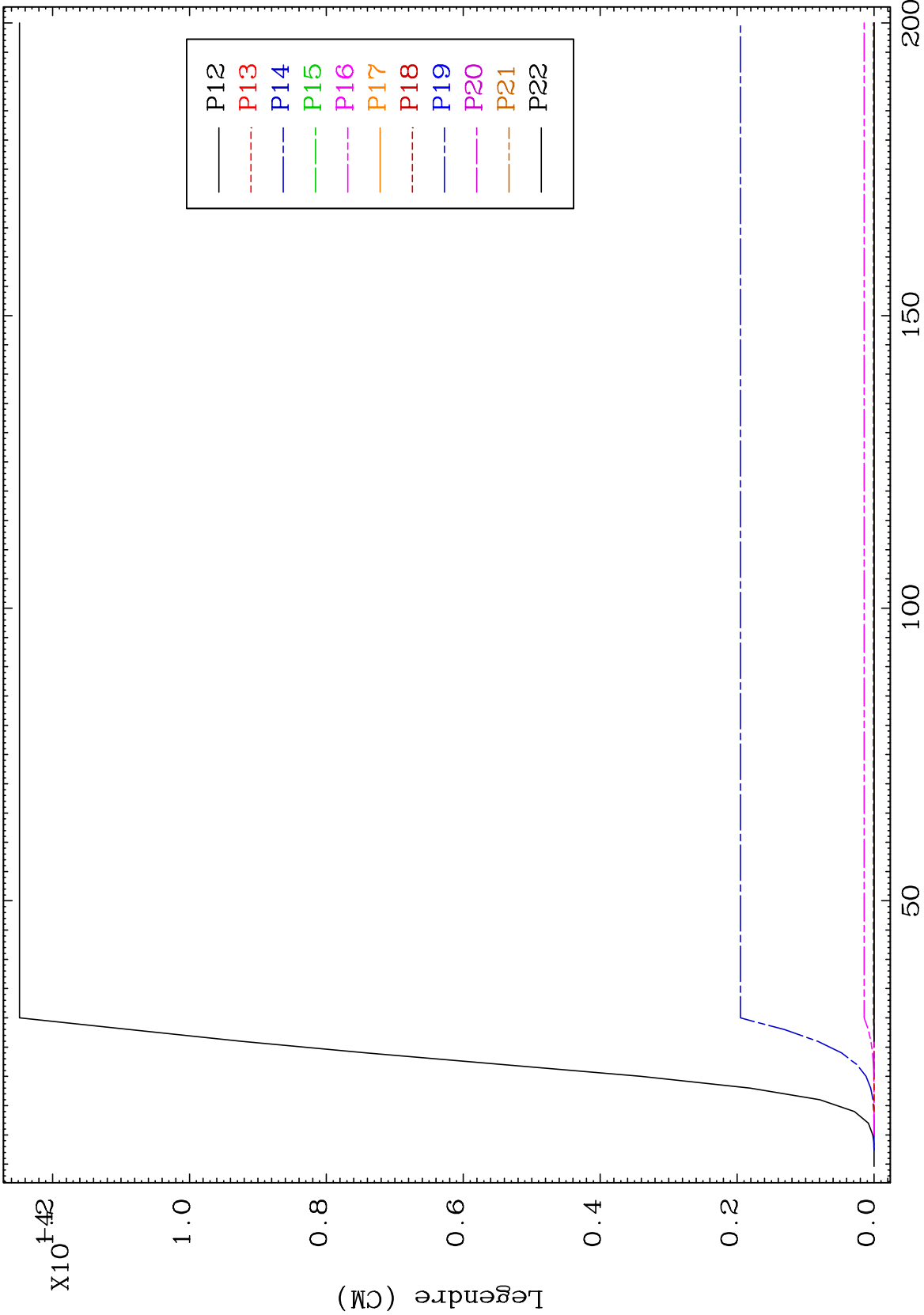
23-V -48



21

Incident Energy (MeV)

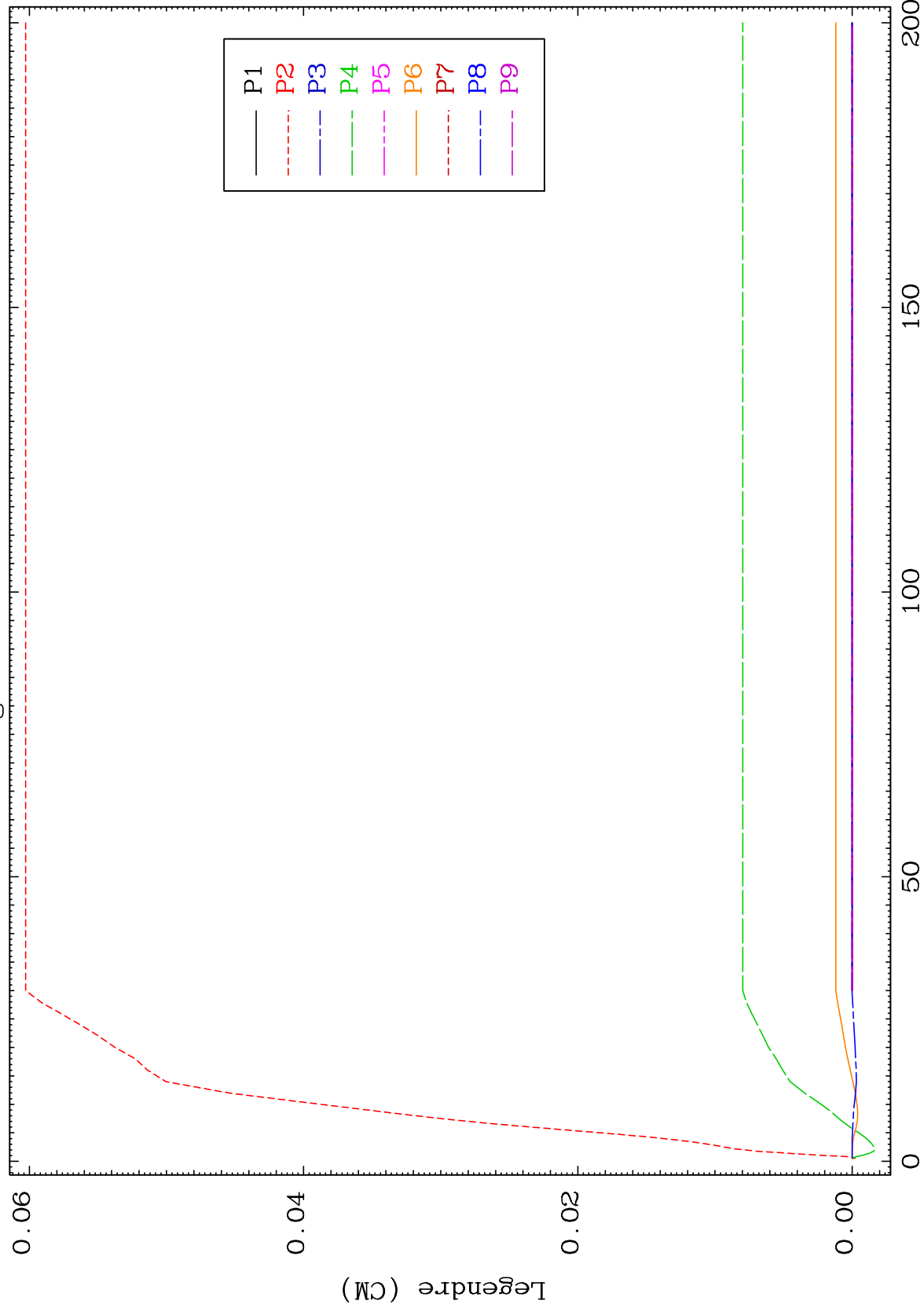
23-V -48



MAT 2319

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

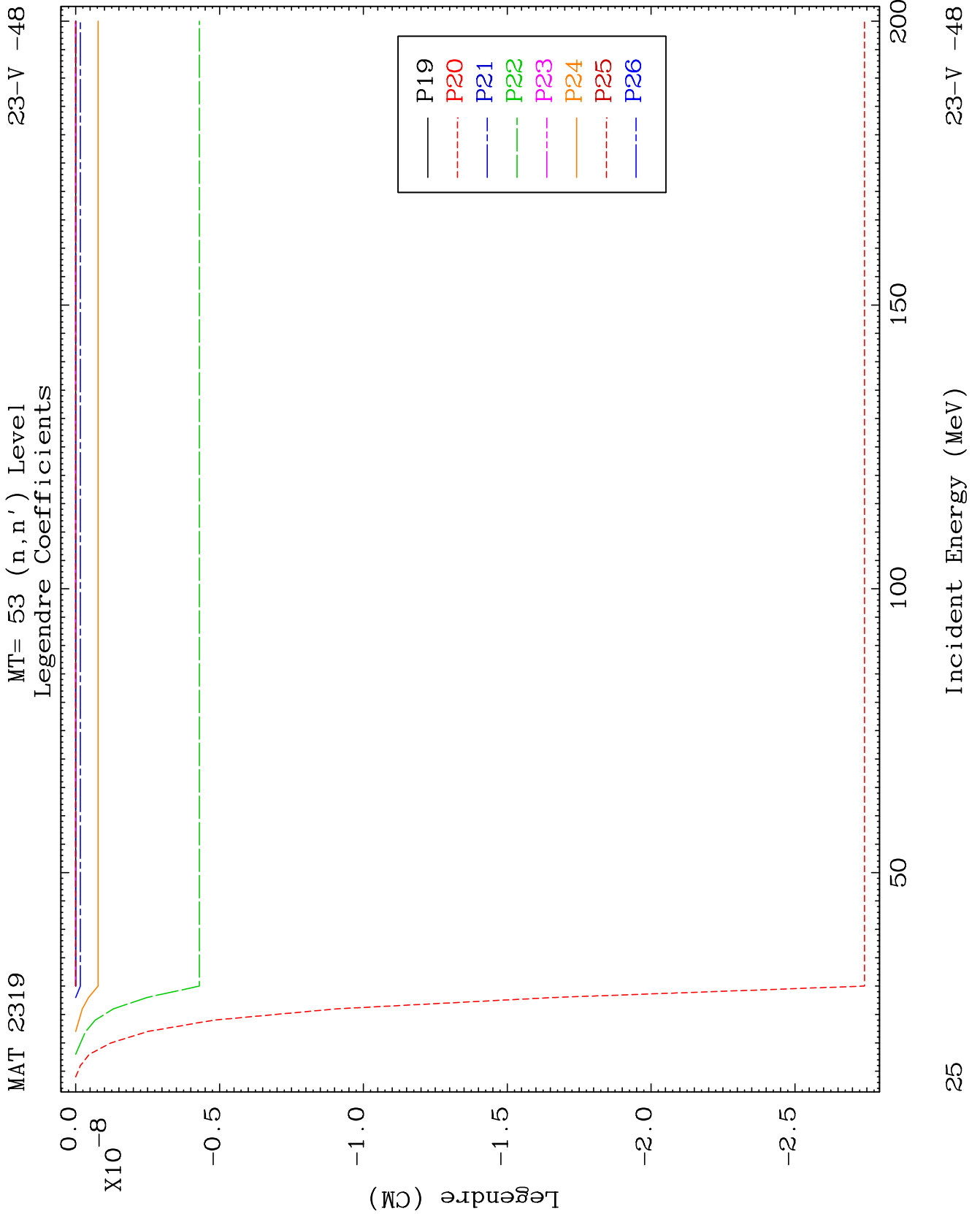
23-V -48



23

Incident Energy (MeV)

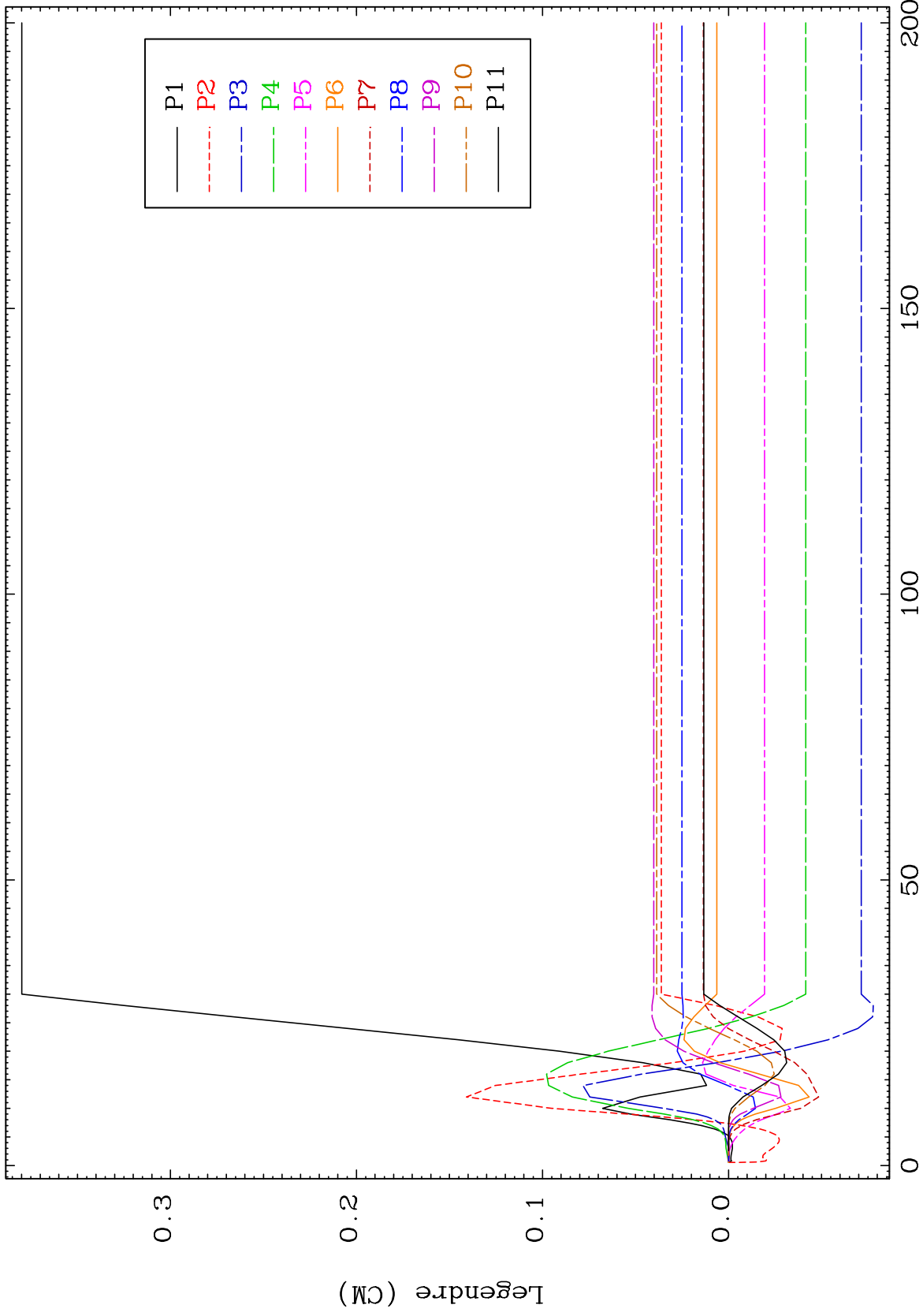
23-V -48



MAT 2319

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

23-V -48



26

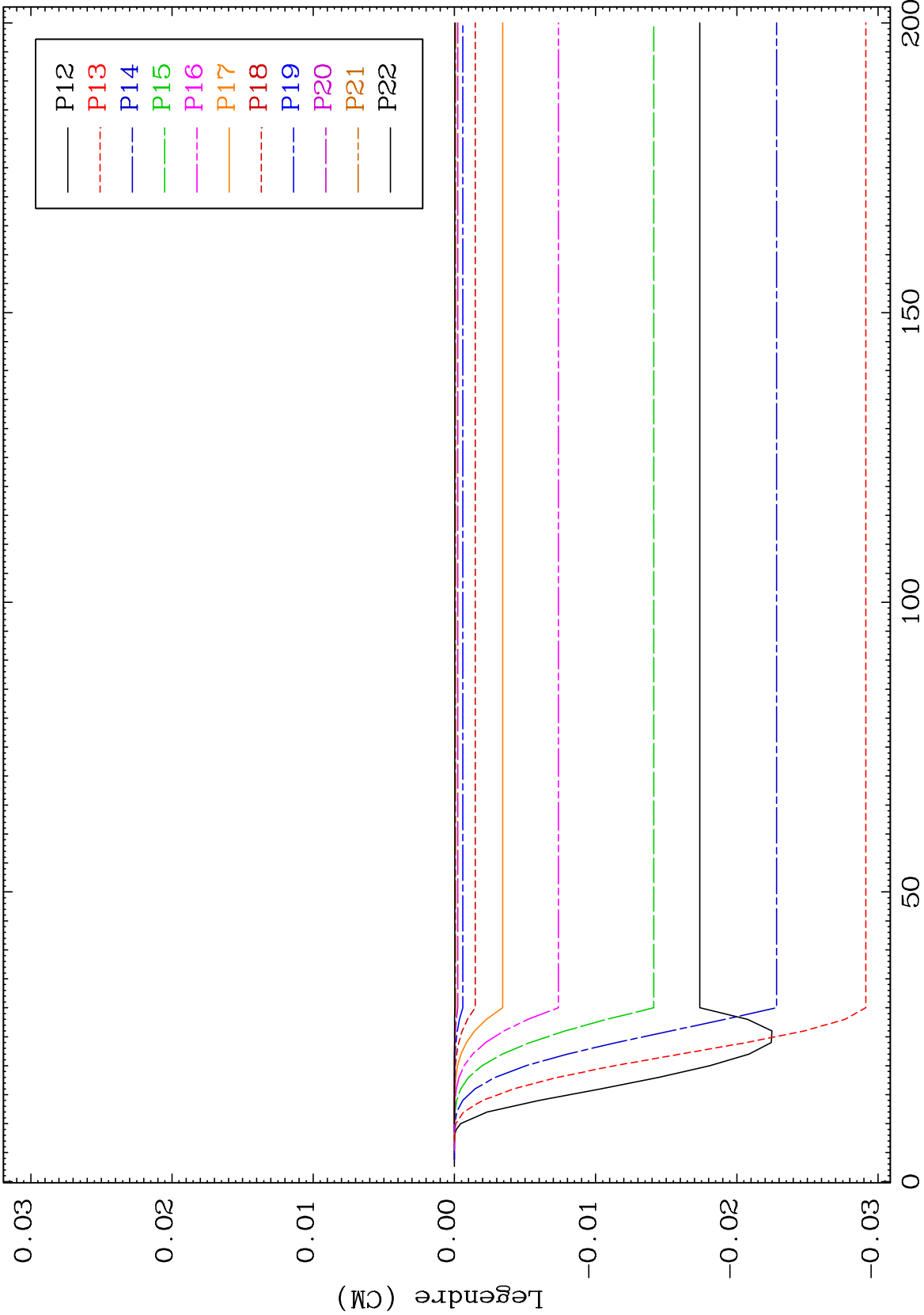
Incident Energy (MeV)

23-V -48

MAT 2319

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

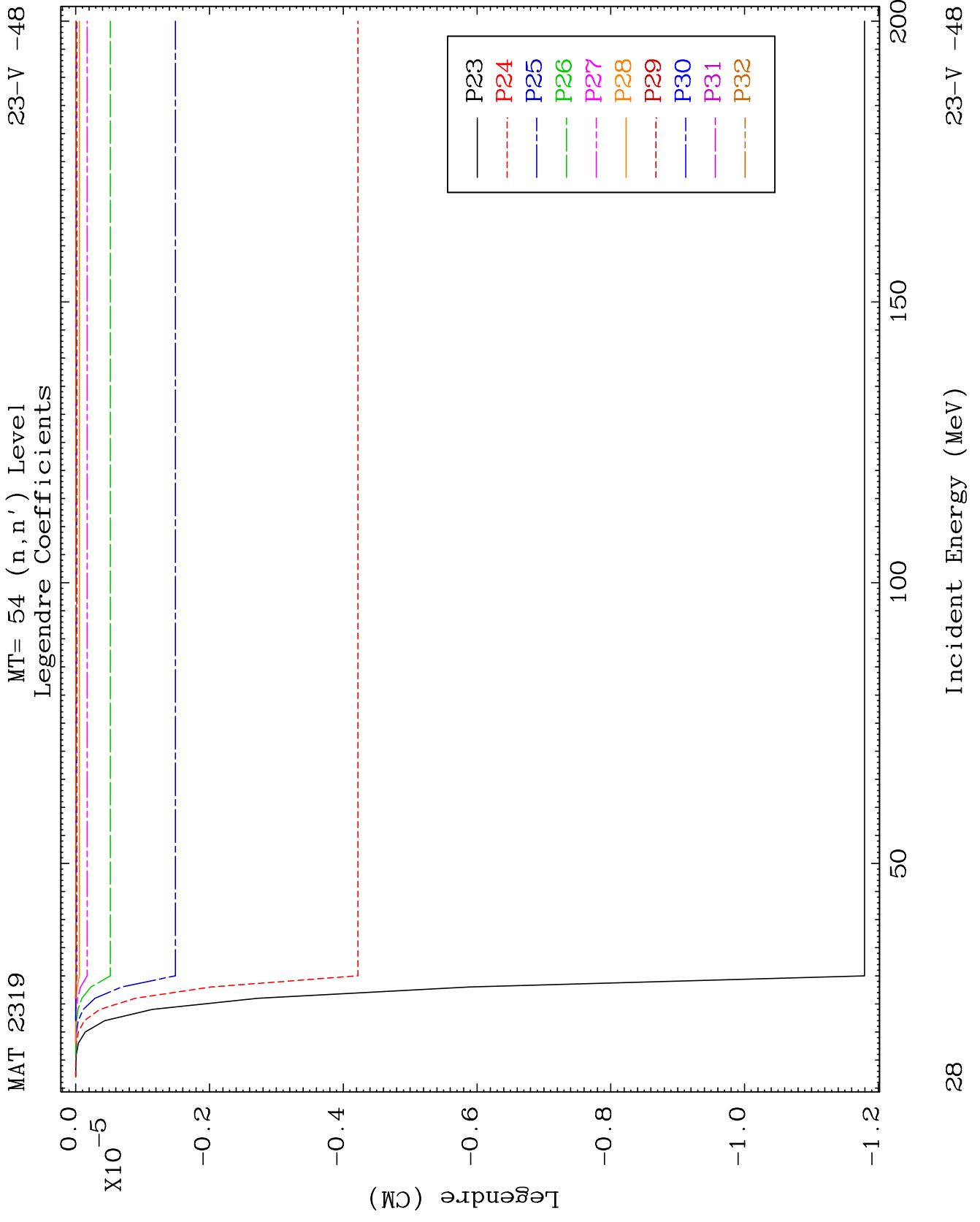
23-V -48



27

Incident Energy (MeV)

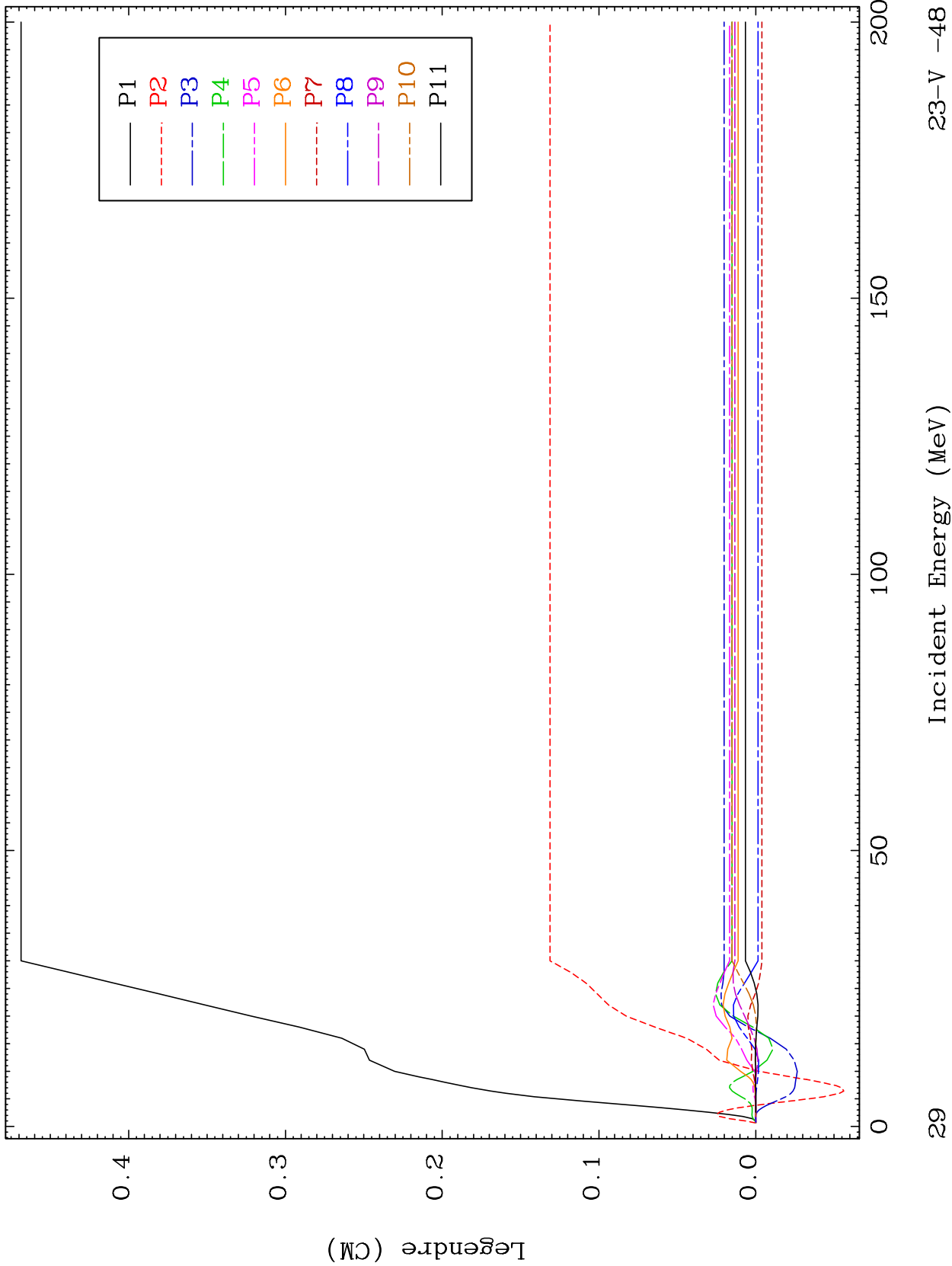
23-V -48



MAT 2319

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

23-V -48



29

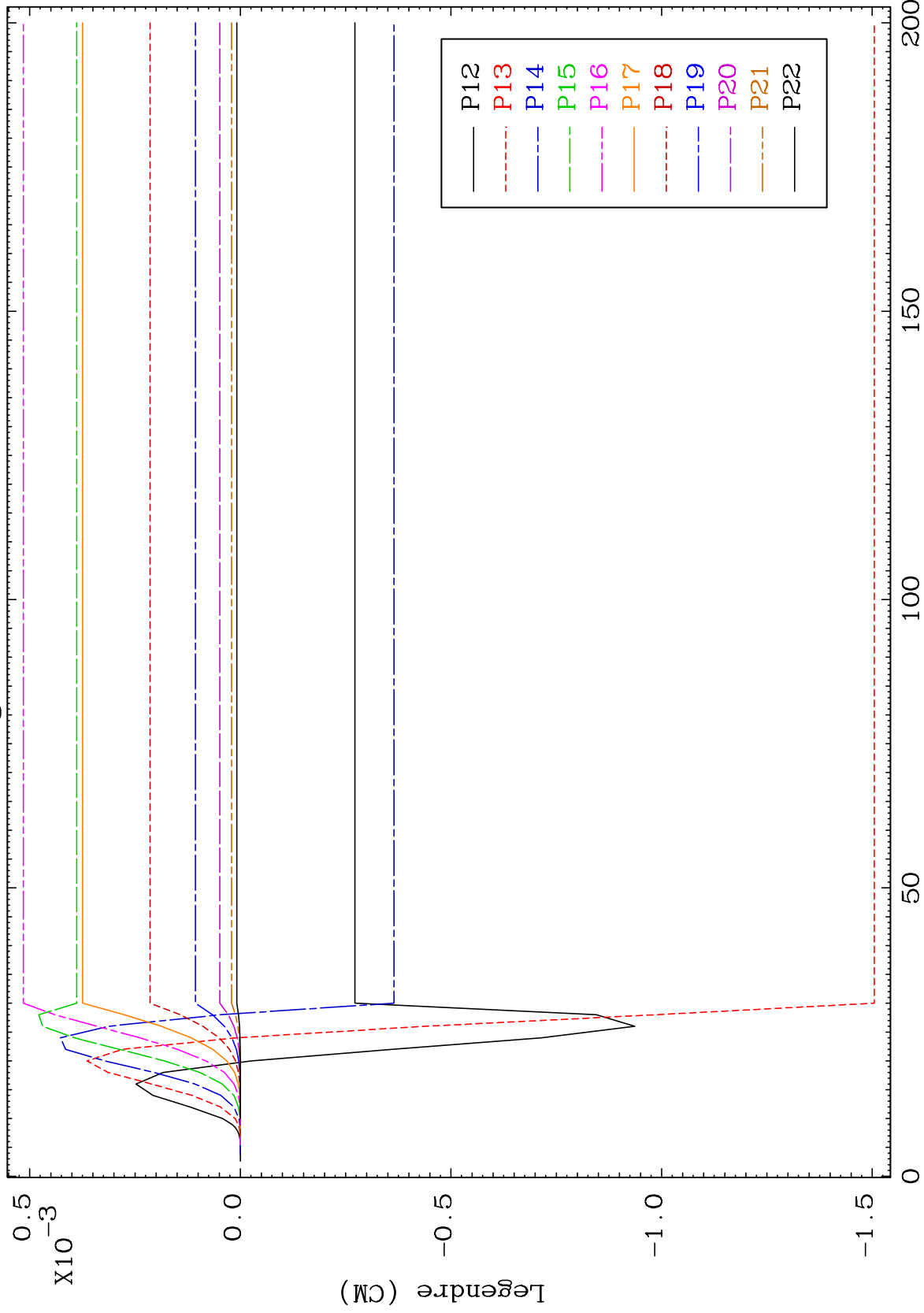
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



30

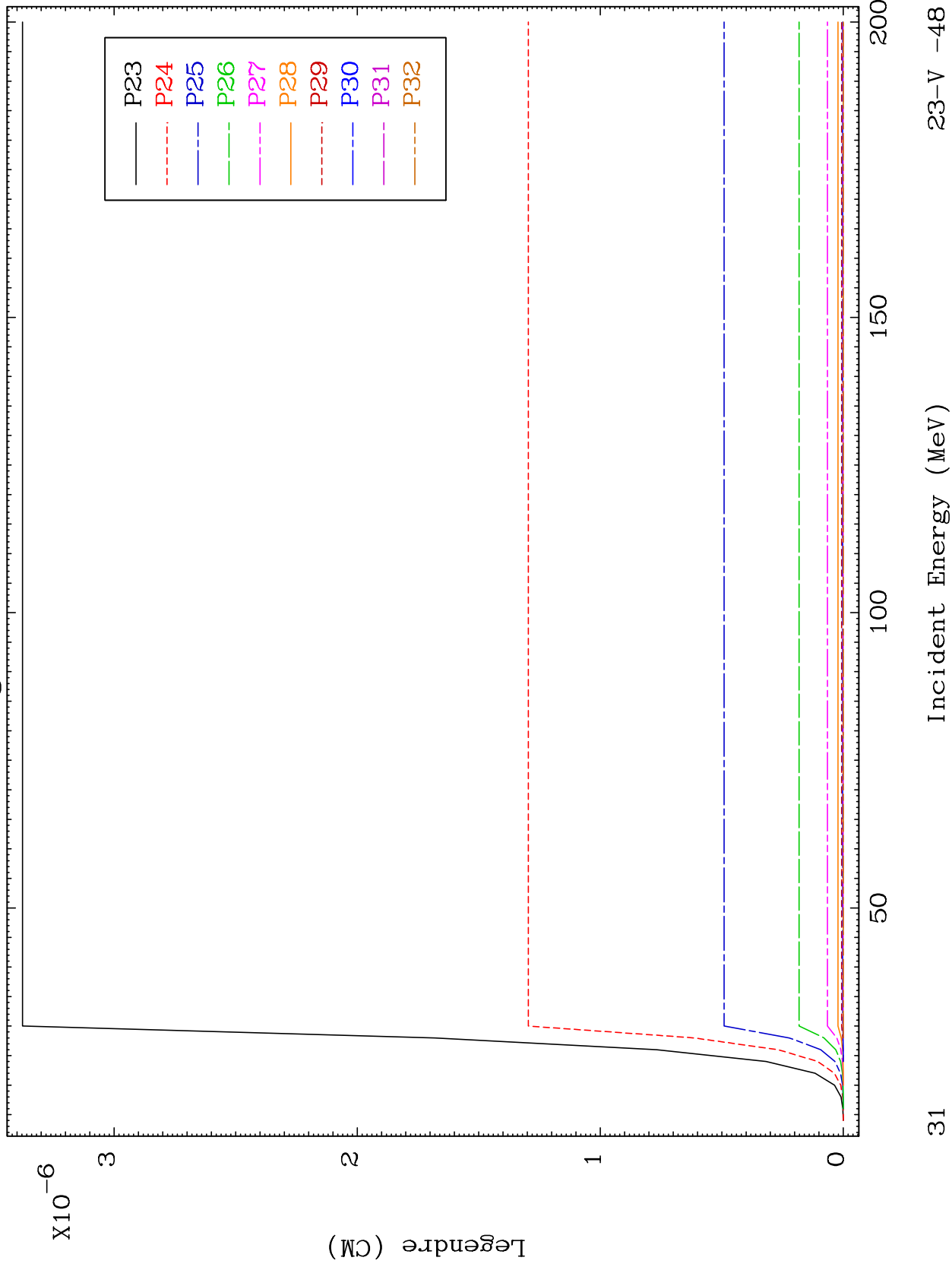
Incident Energy (MeV)

23-V -48

MAT 2319

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

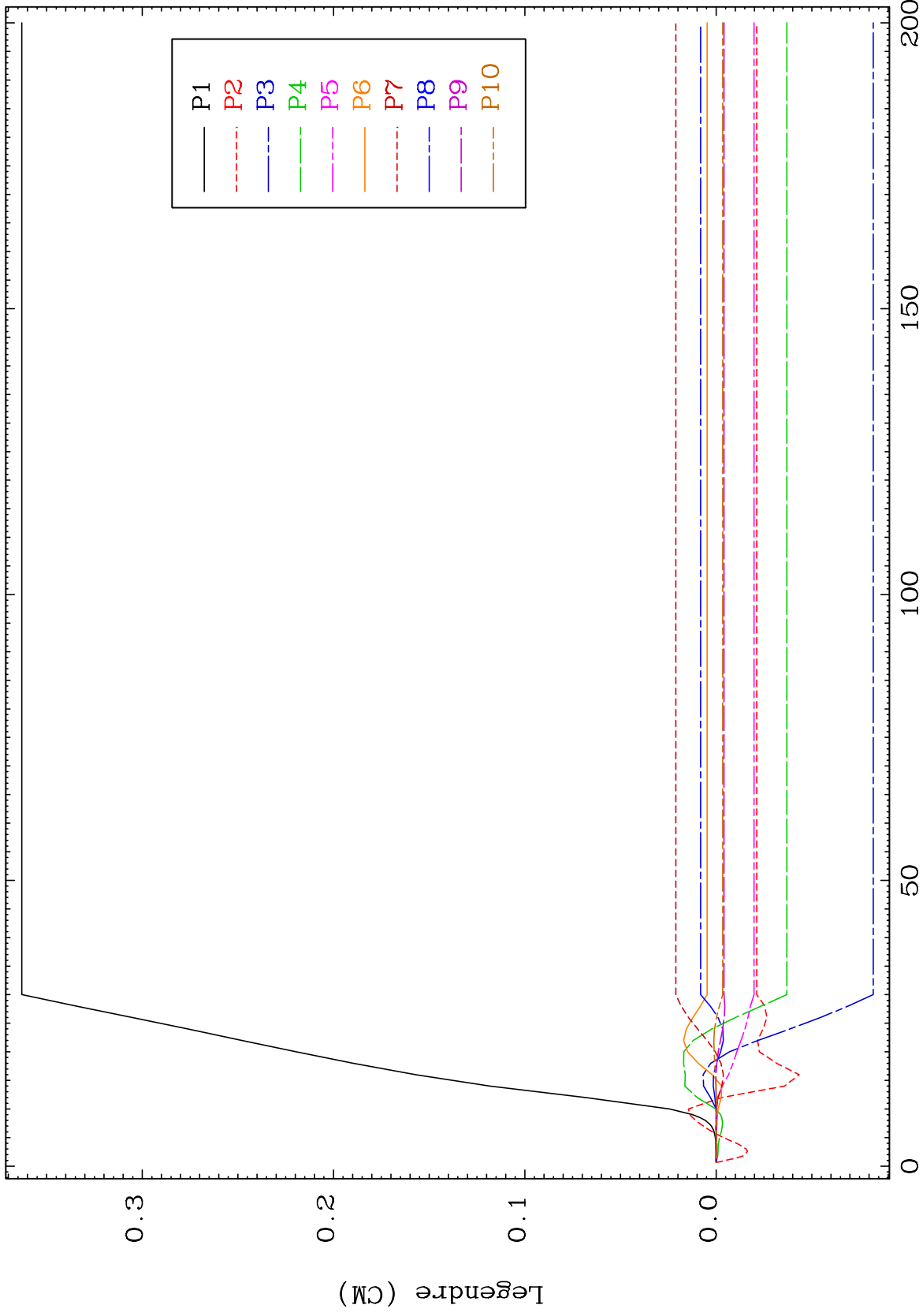
23-V -48



MAT 2319

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

23-V -48



32

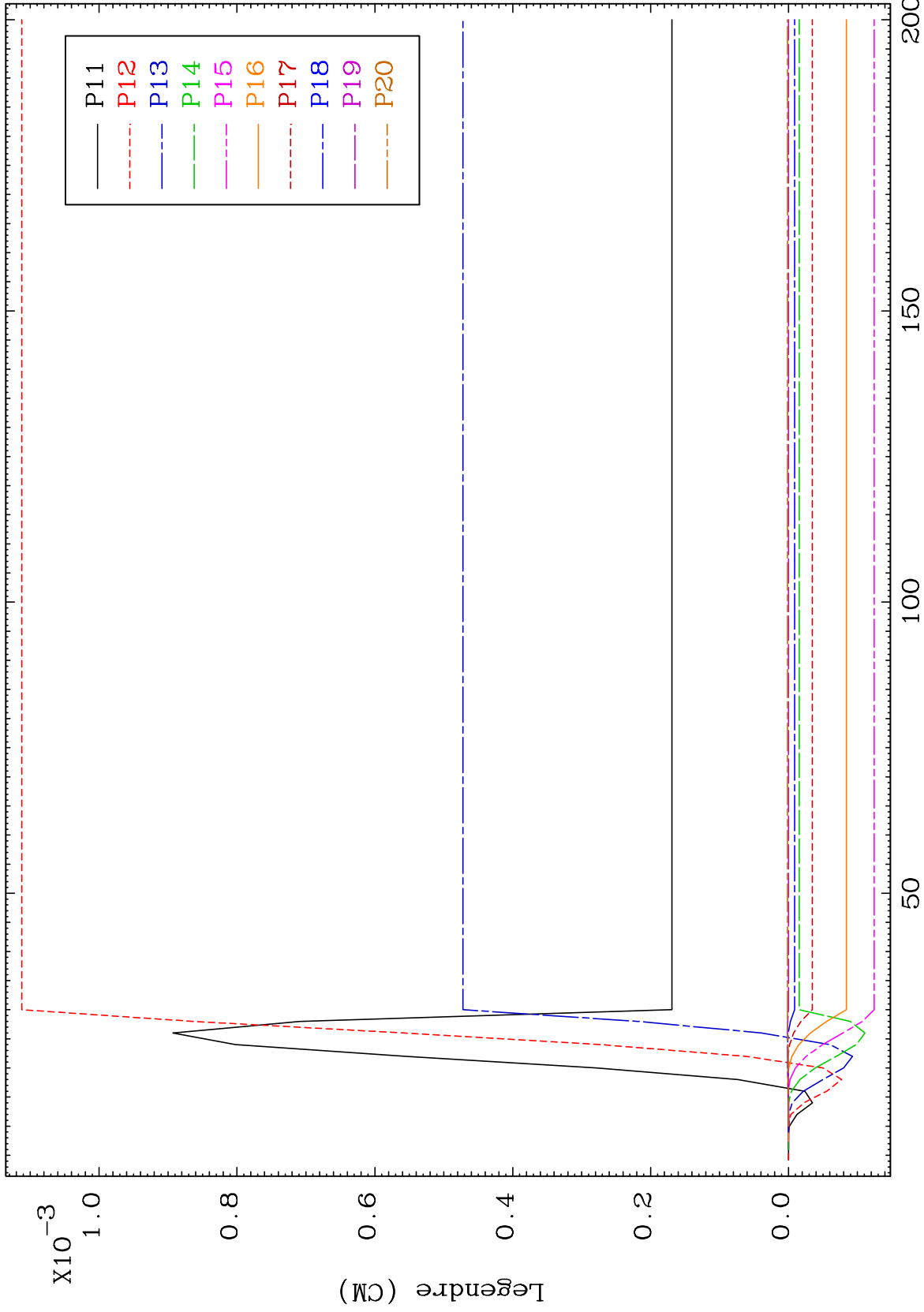
Incident Energy (MeV)

23-V -48

MAT 2319

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

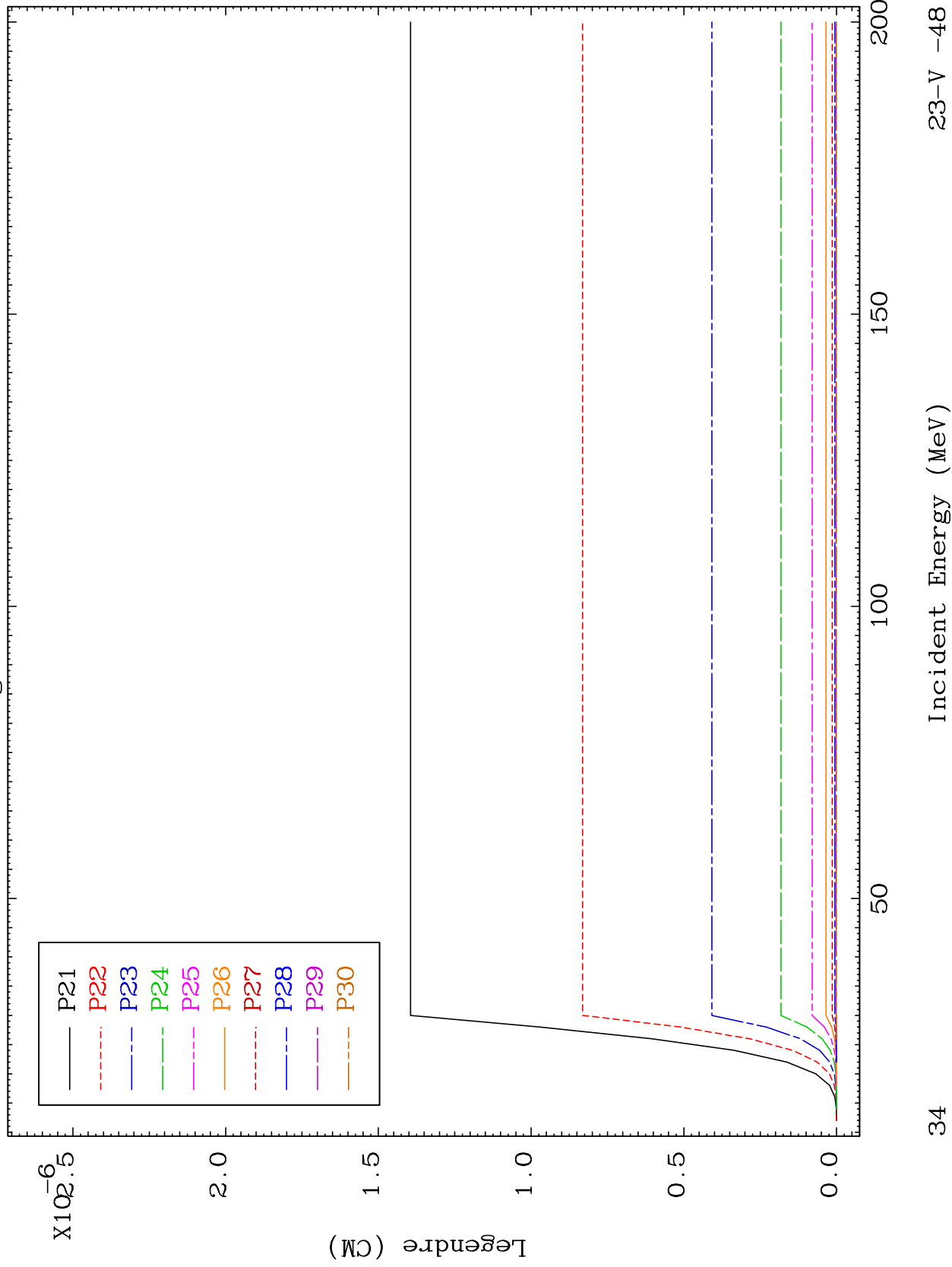
23-V -48



33

Incident Energy (MeV)

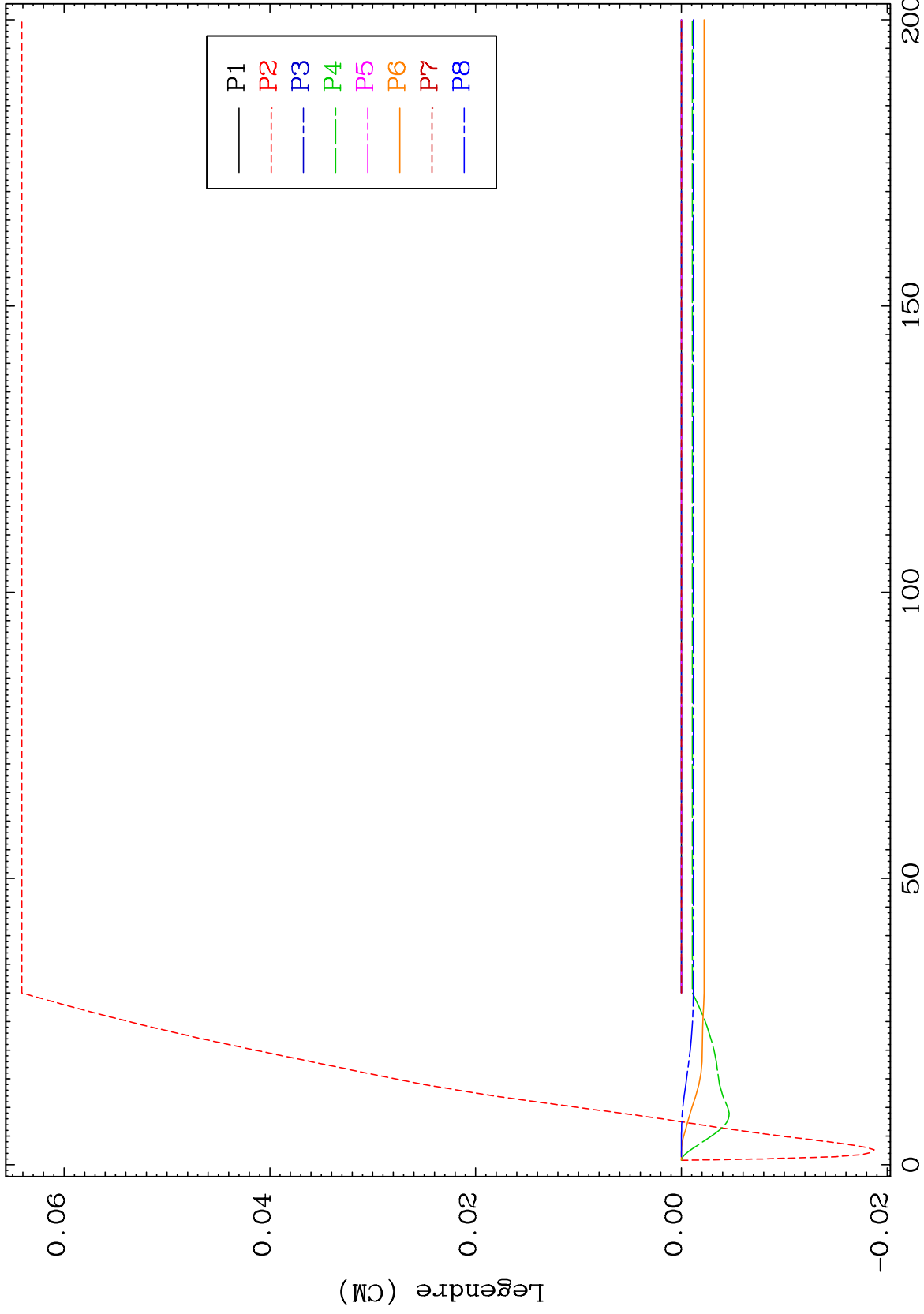
23-V -48



MAT 2319

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

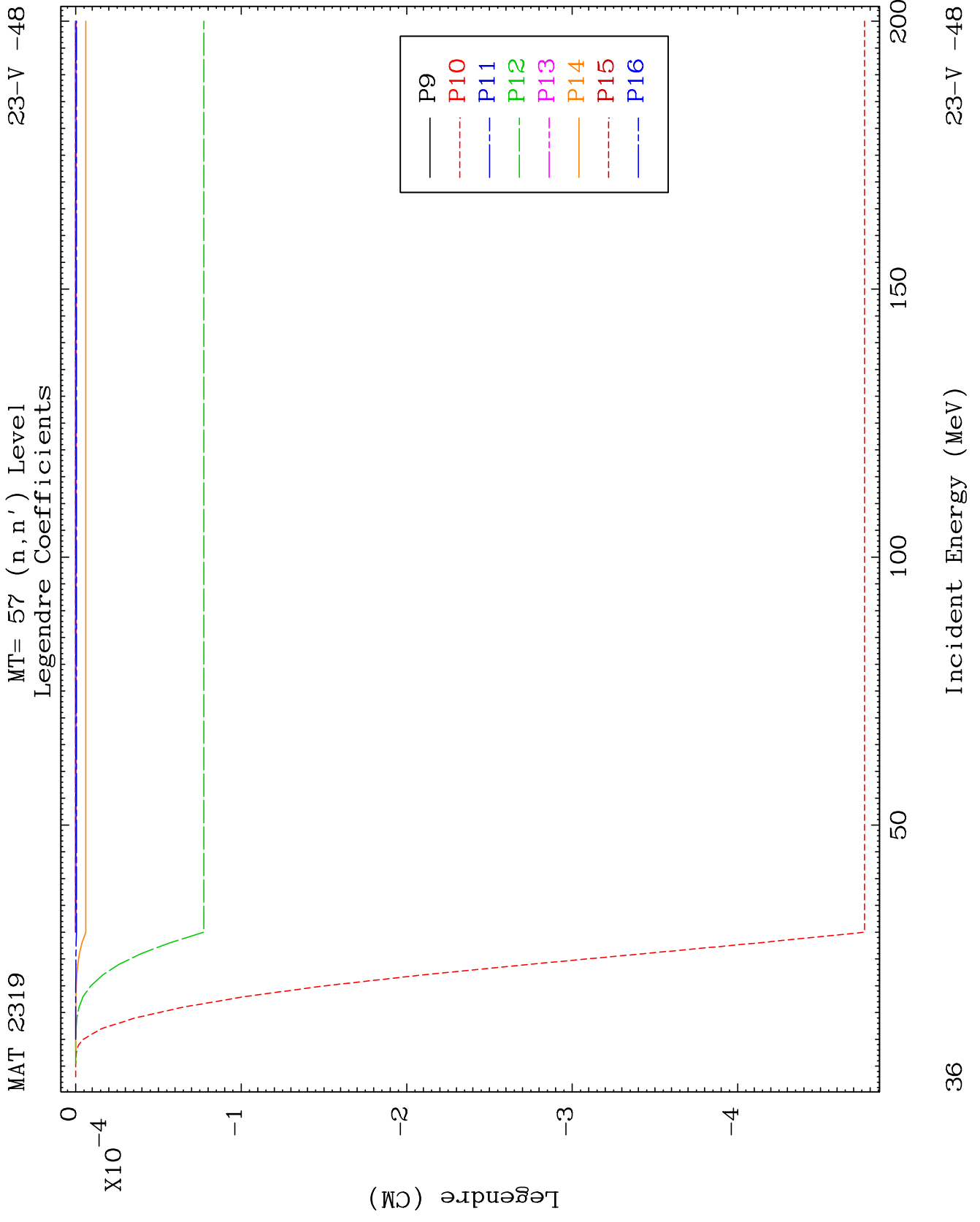
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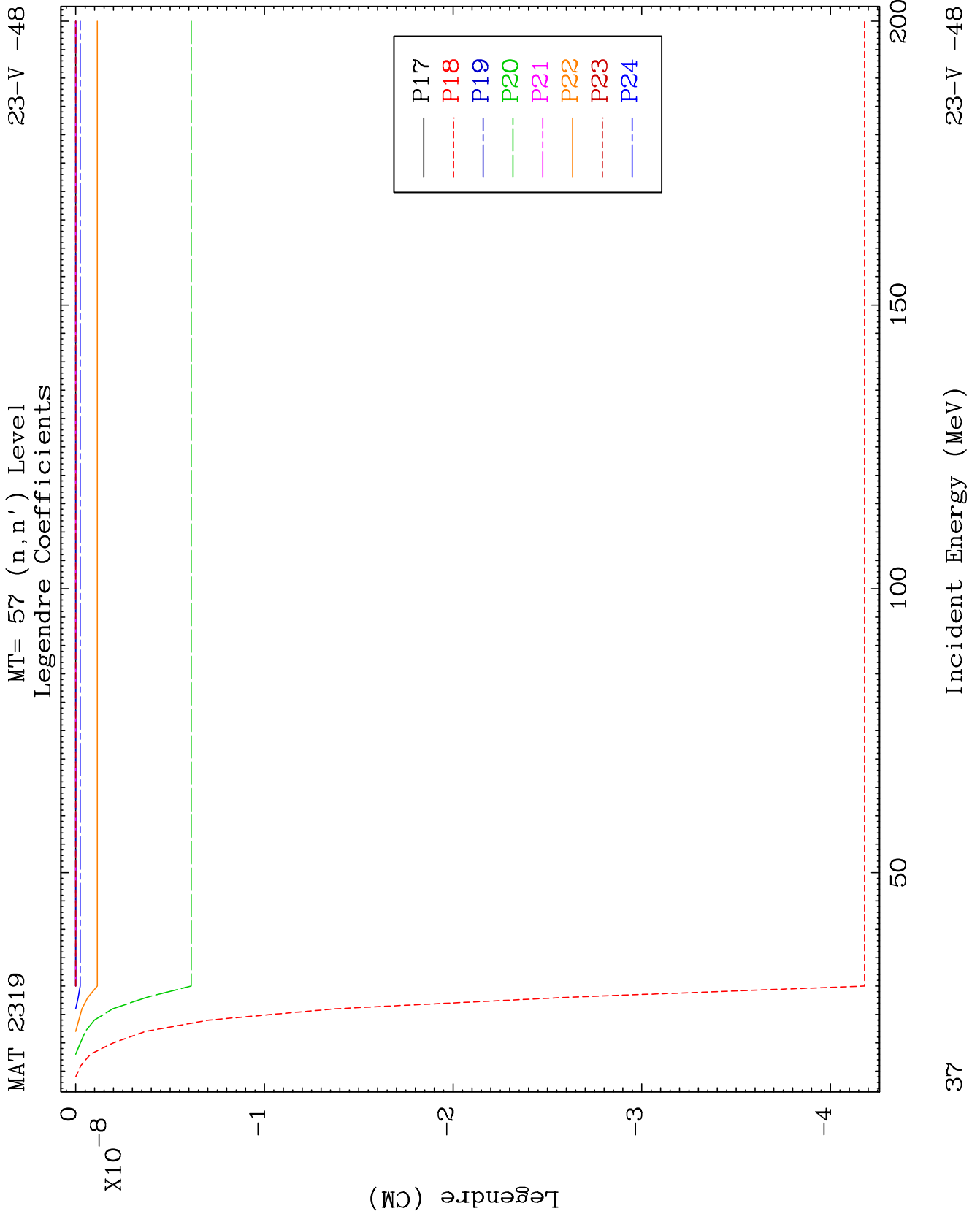


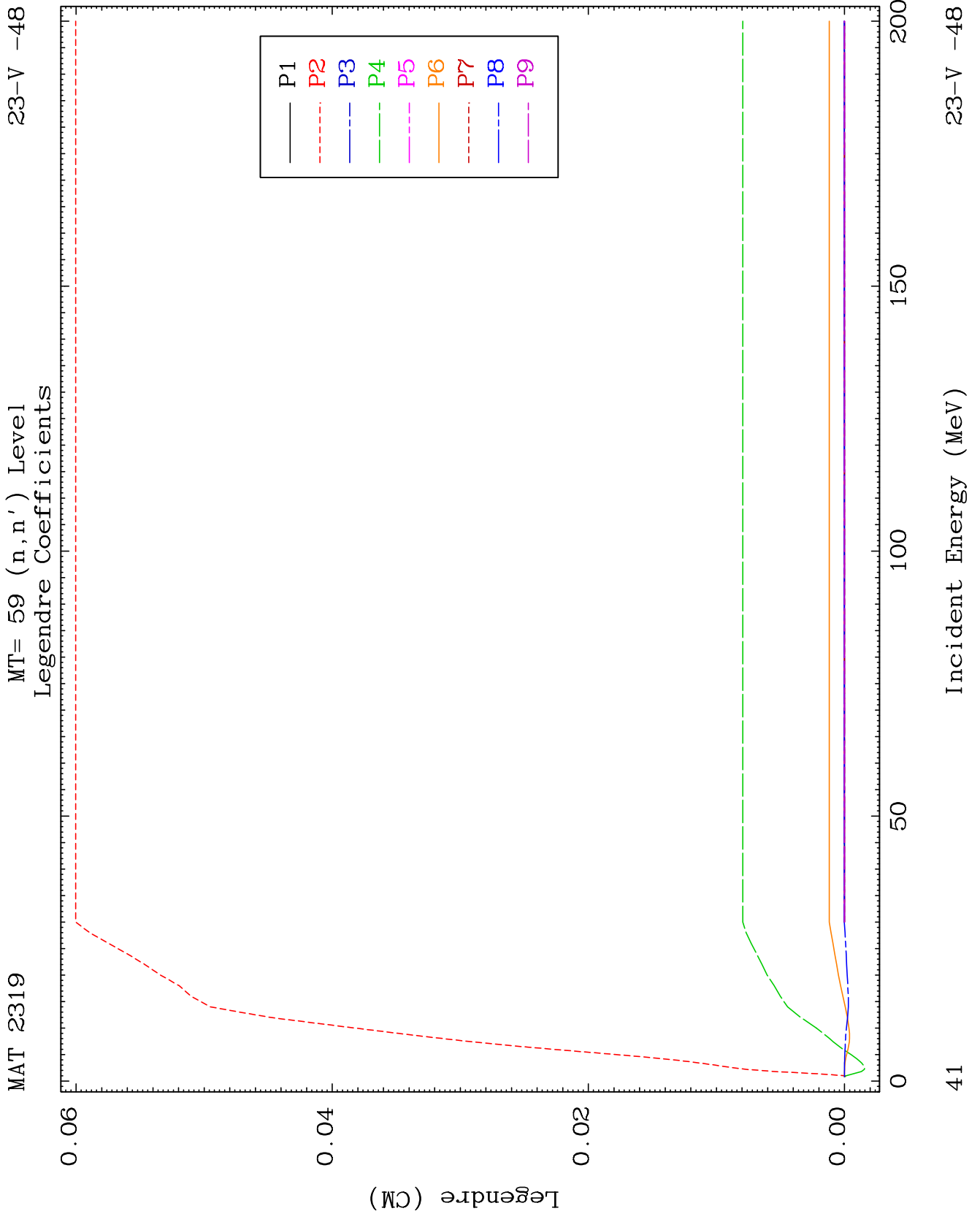
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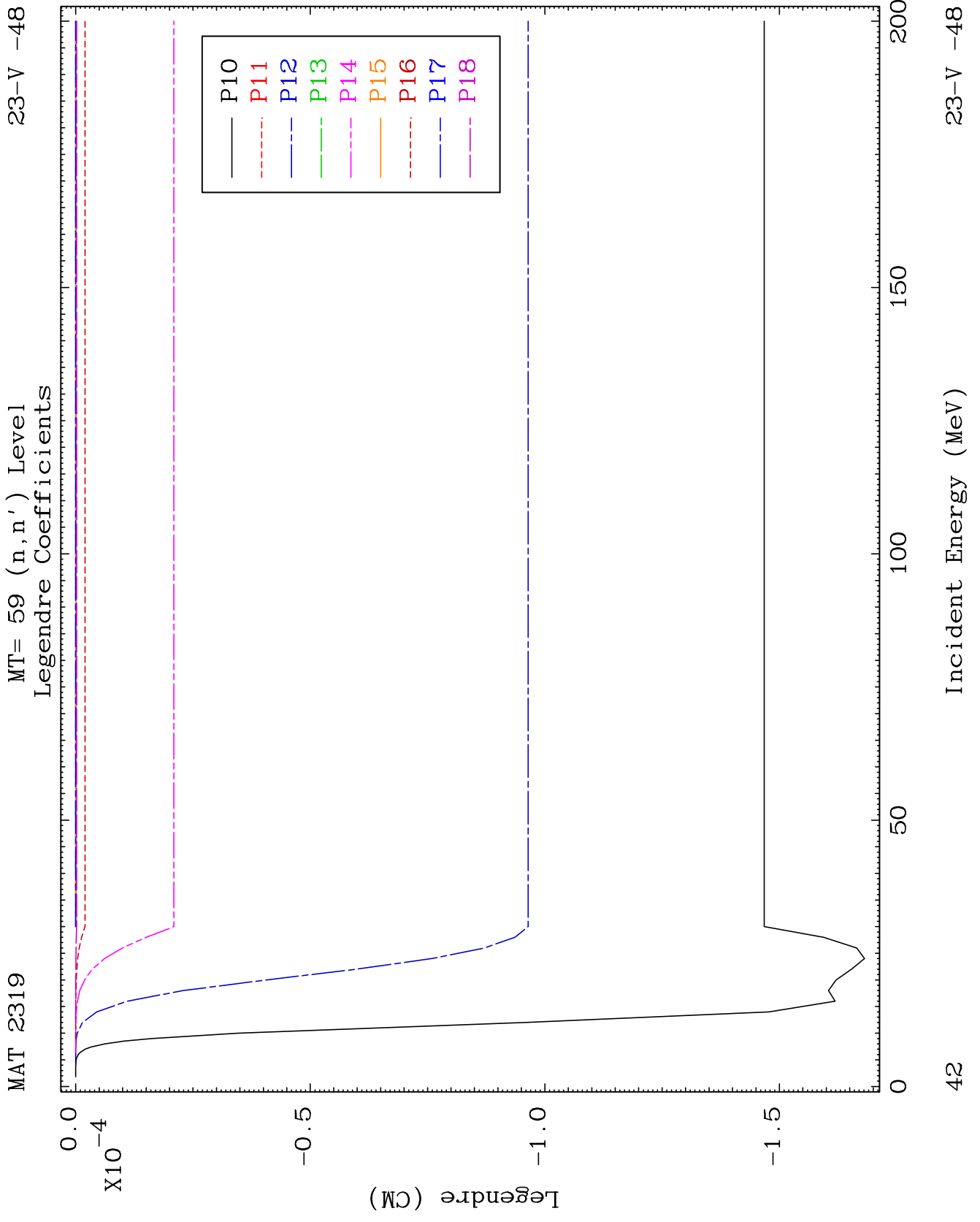
Incident Energy (MeV)

35





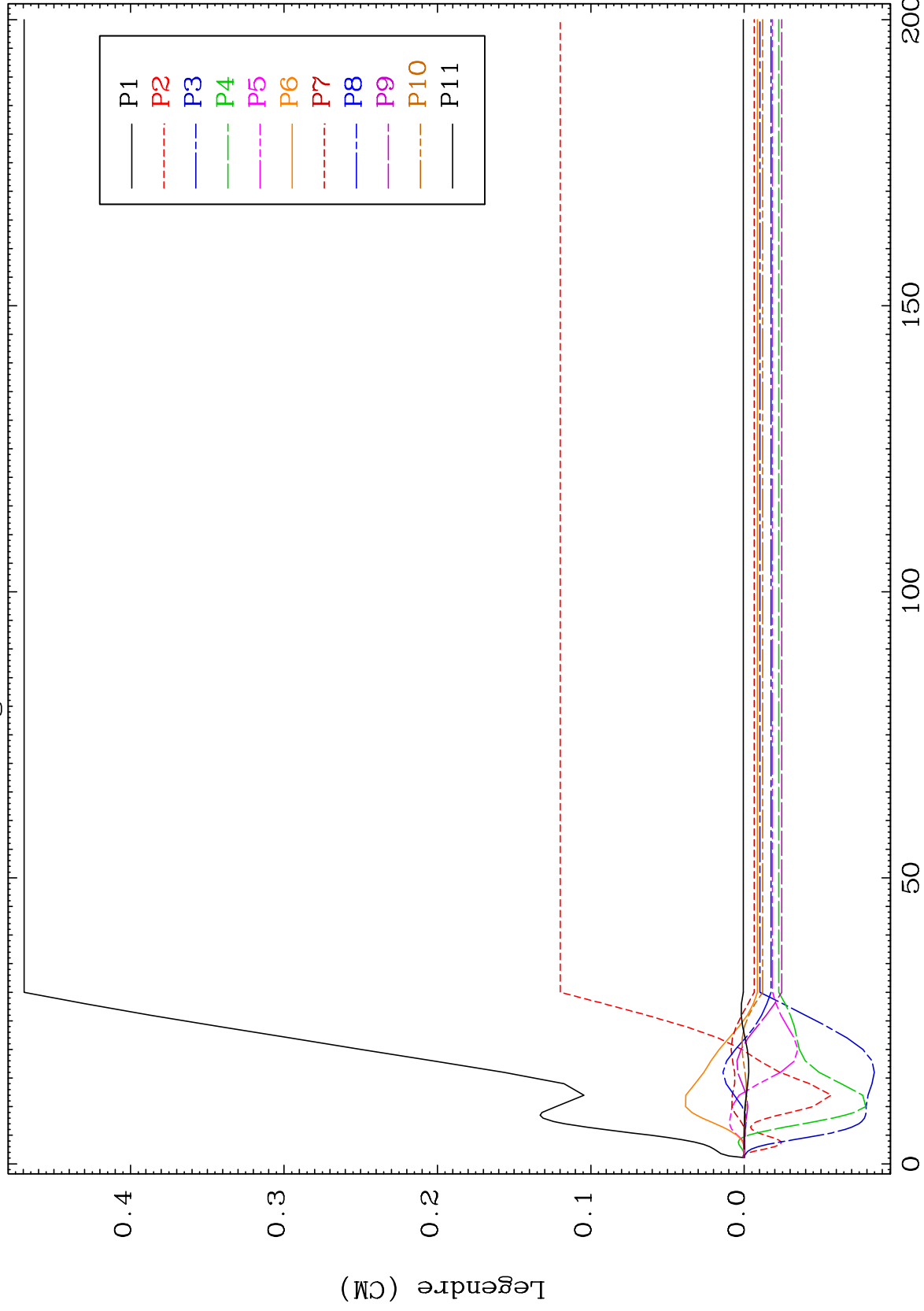




MAT 2319

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

23-V -48



44

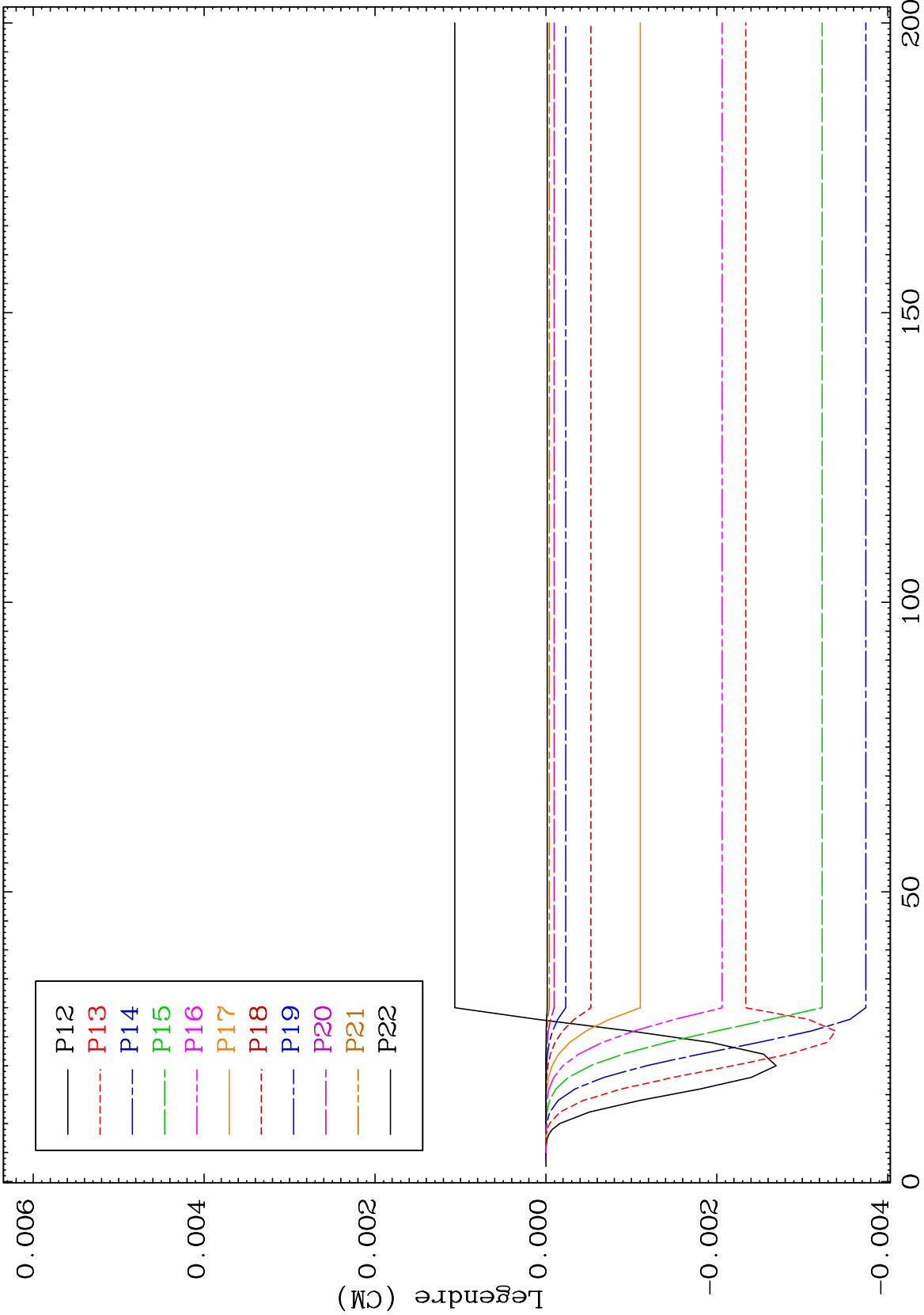
Incident Energy (MeV)

23-V -48

MAT 2319

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

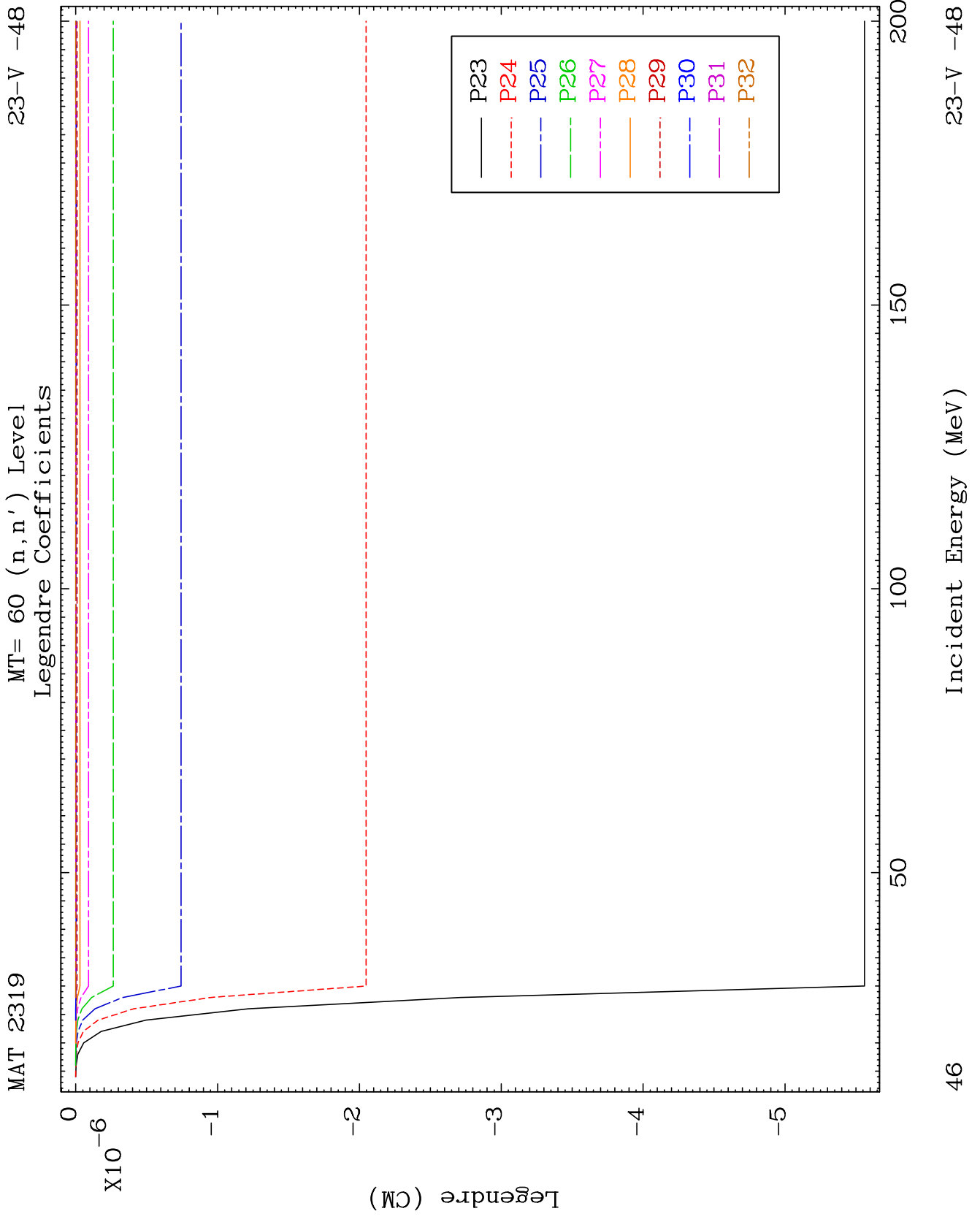
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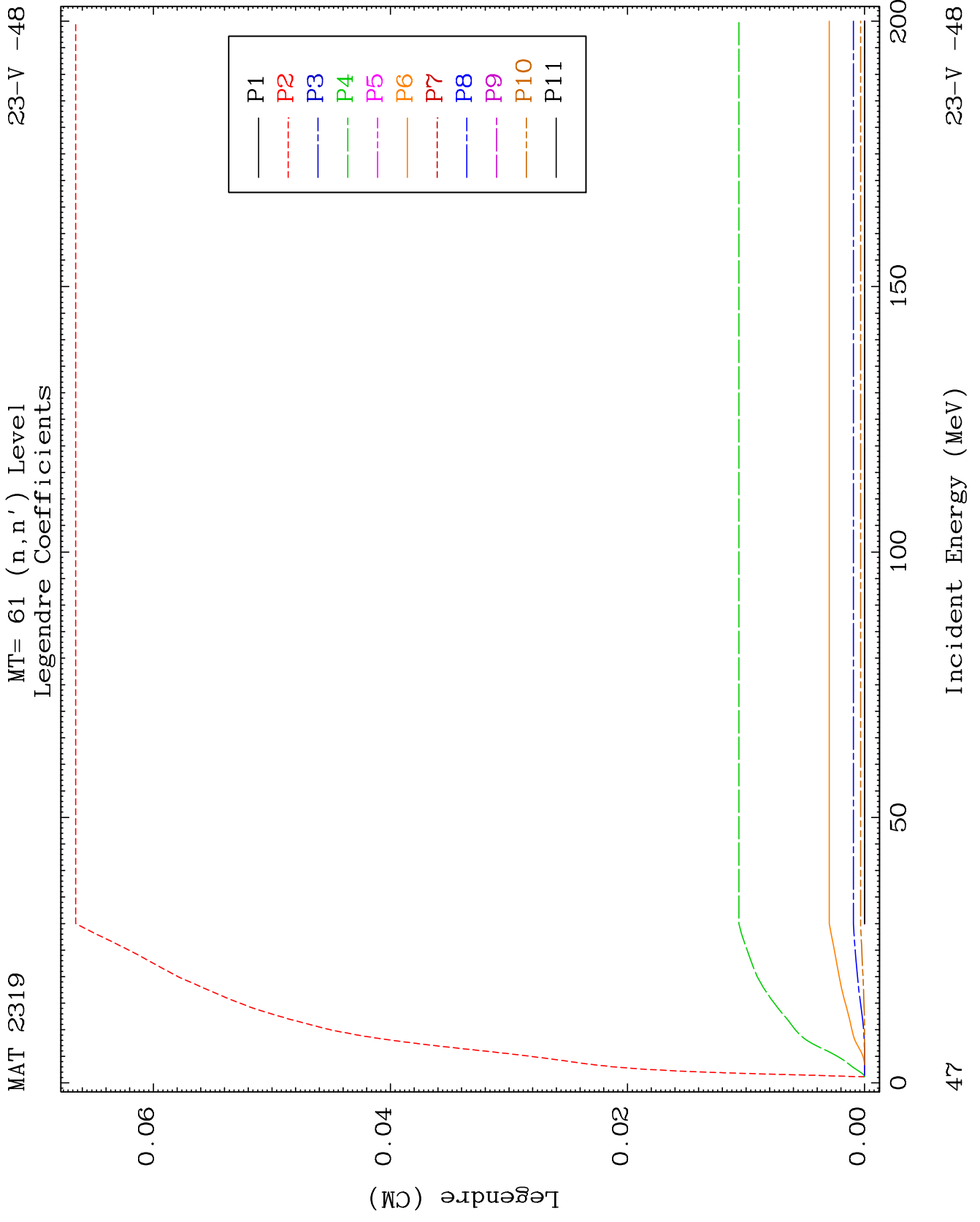


45

Incident Energy (MeV)

23-V -48

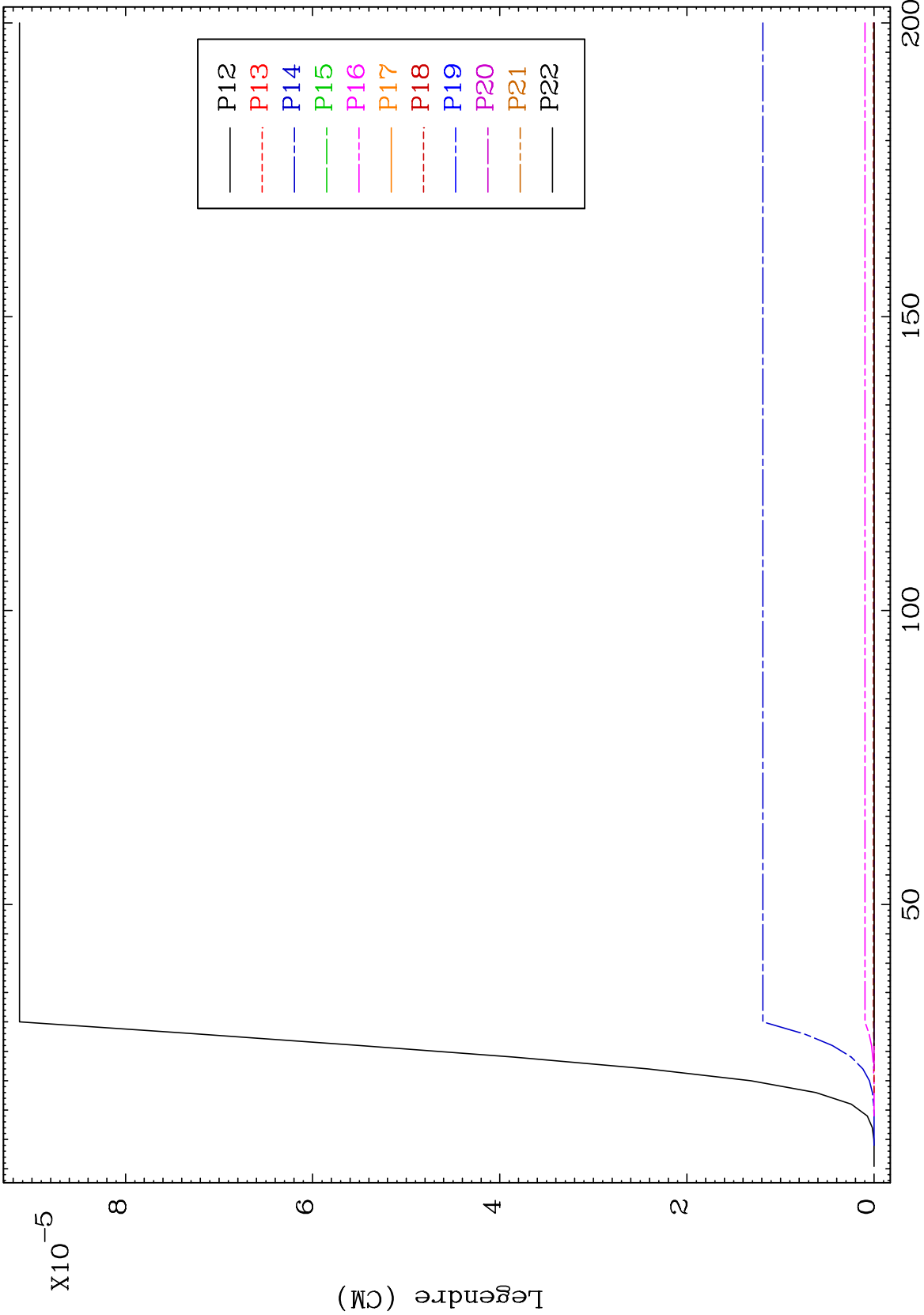




MAT 2319

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

23-V -48



48

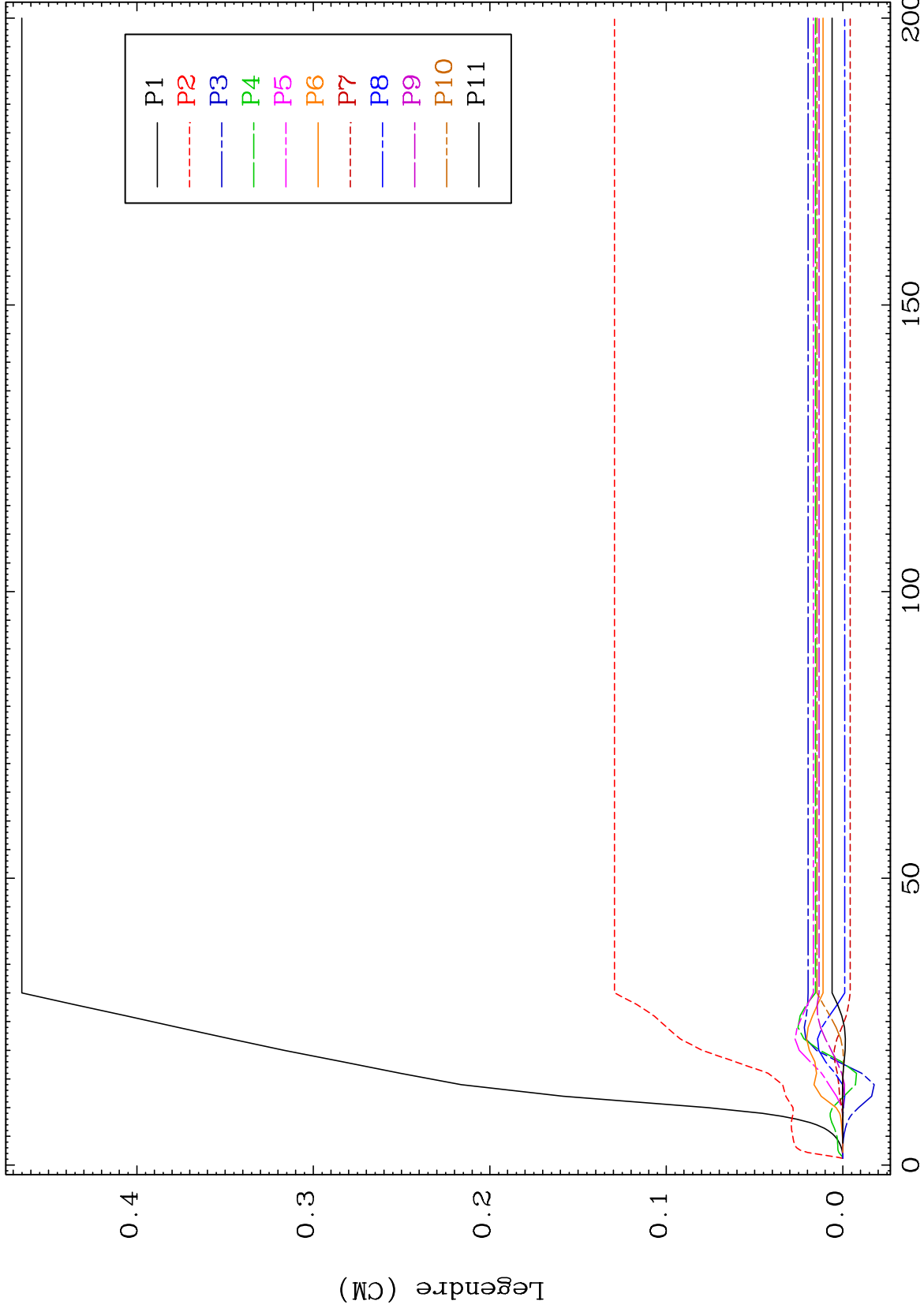
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



49

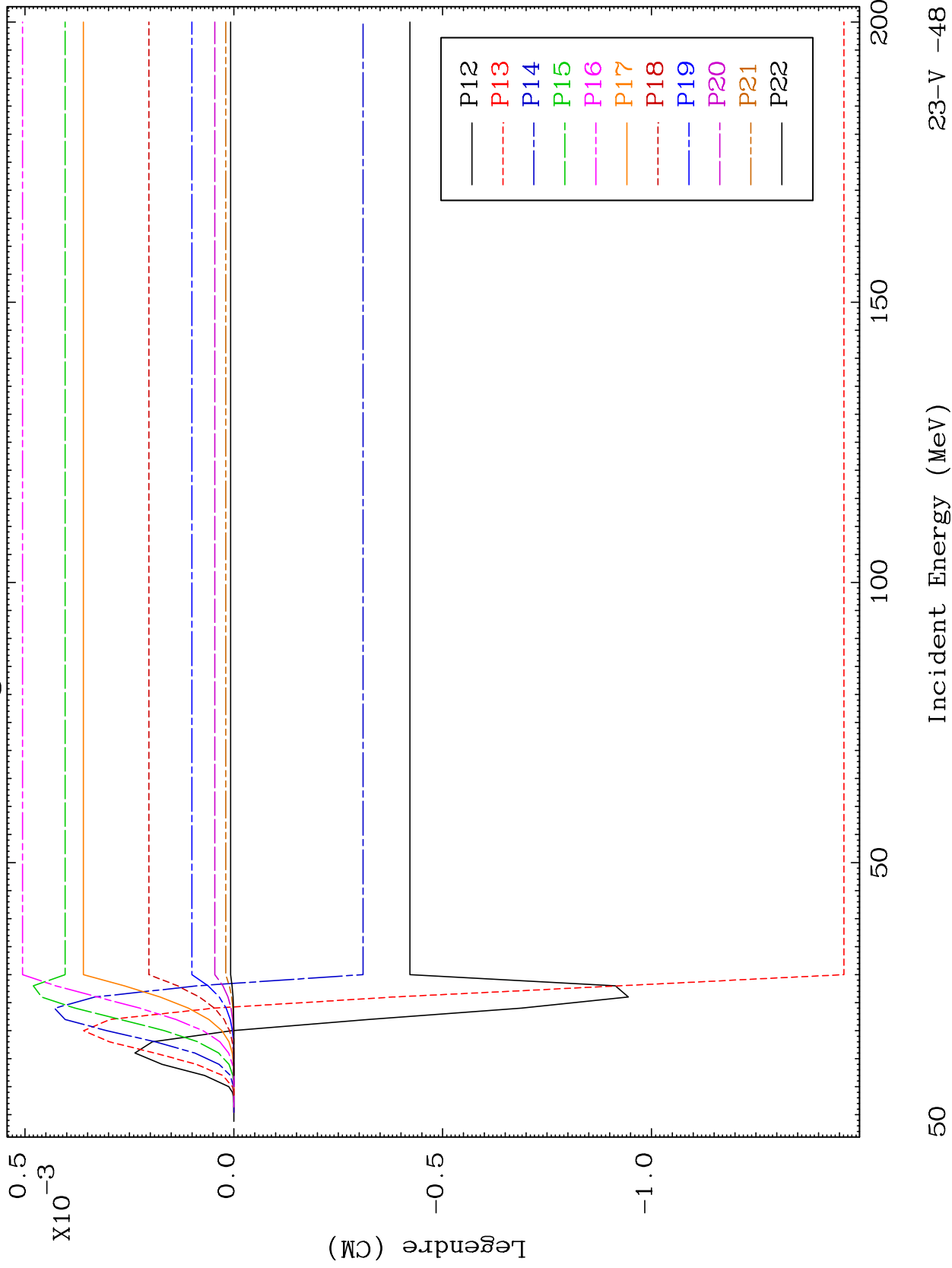
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



50

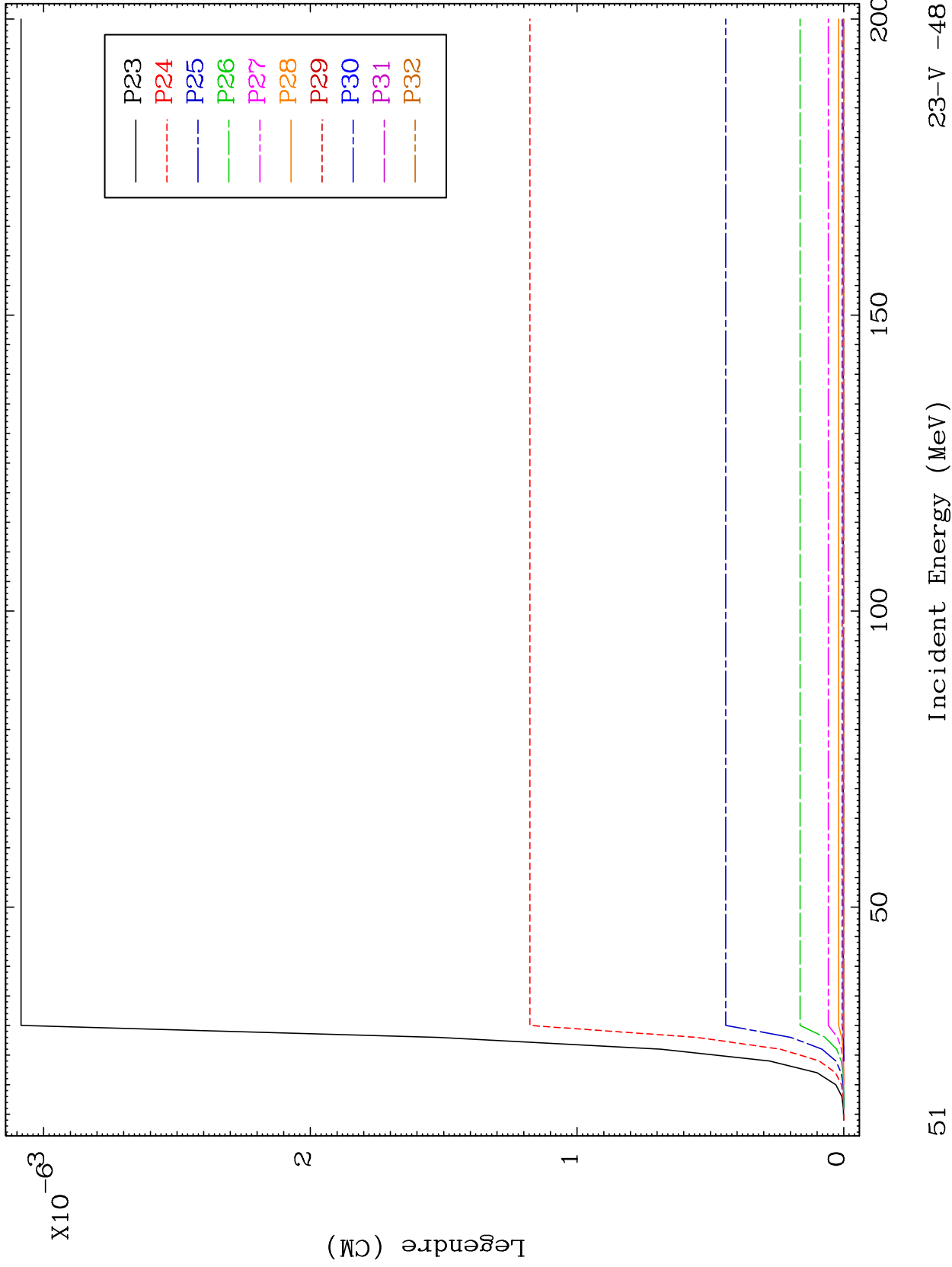
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23-V -48

MAT 2319

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

23-V -48



51

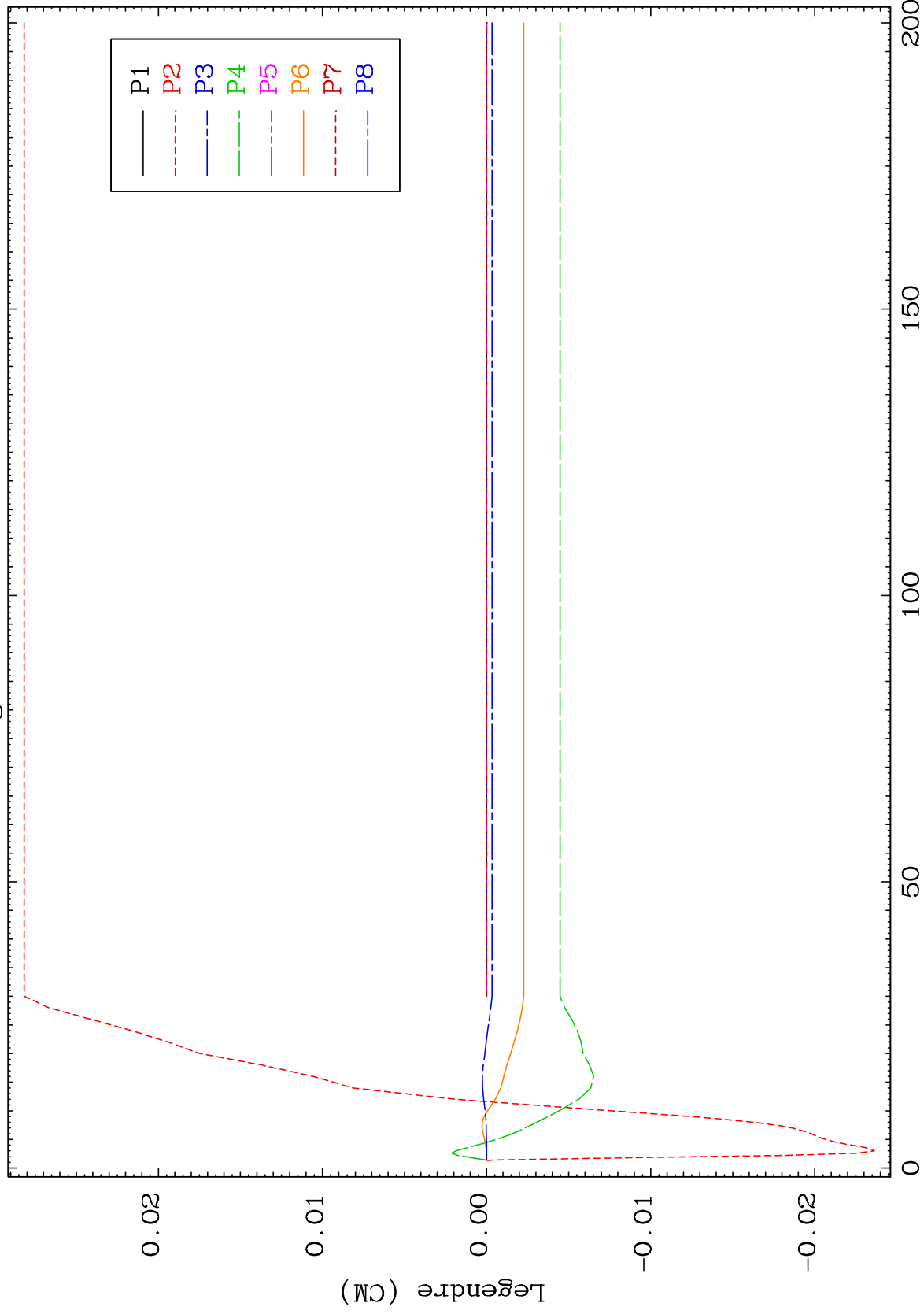
Incident Energy (MeV)

23-V -48

MAT 2319

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

23-V -48



52

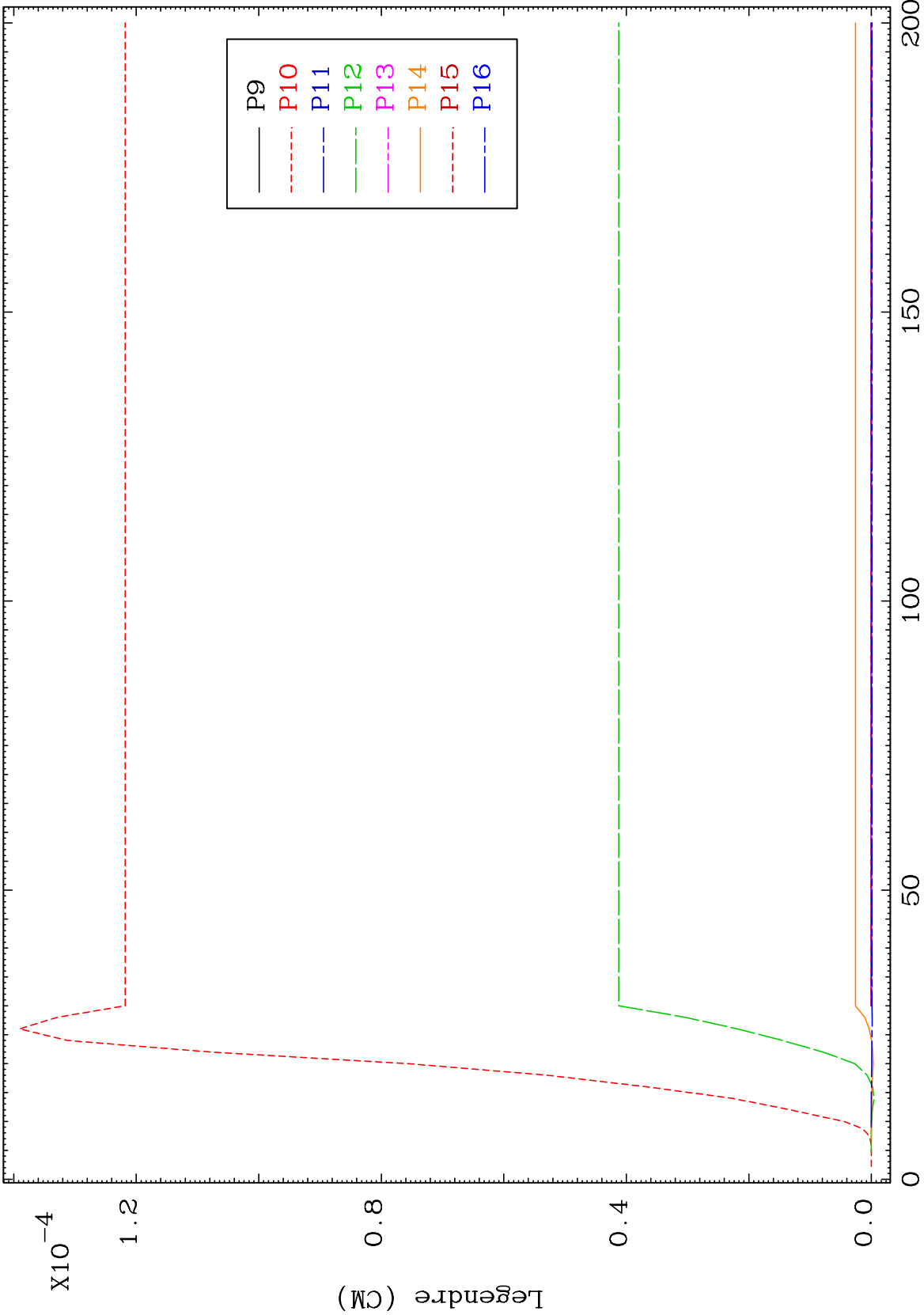
Incident Energy (MeV)

23-V -48

MAT 2319

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

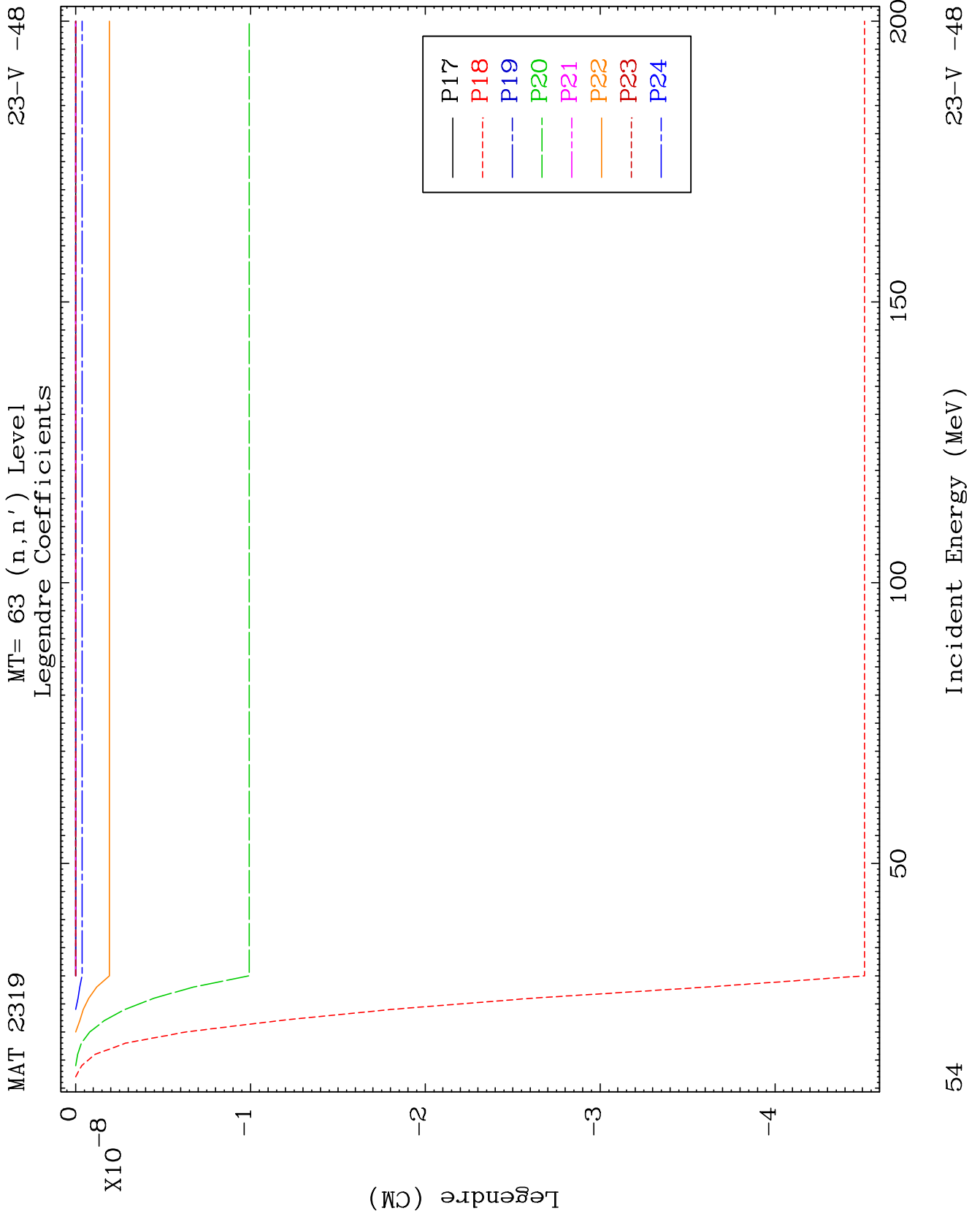
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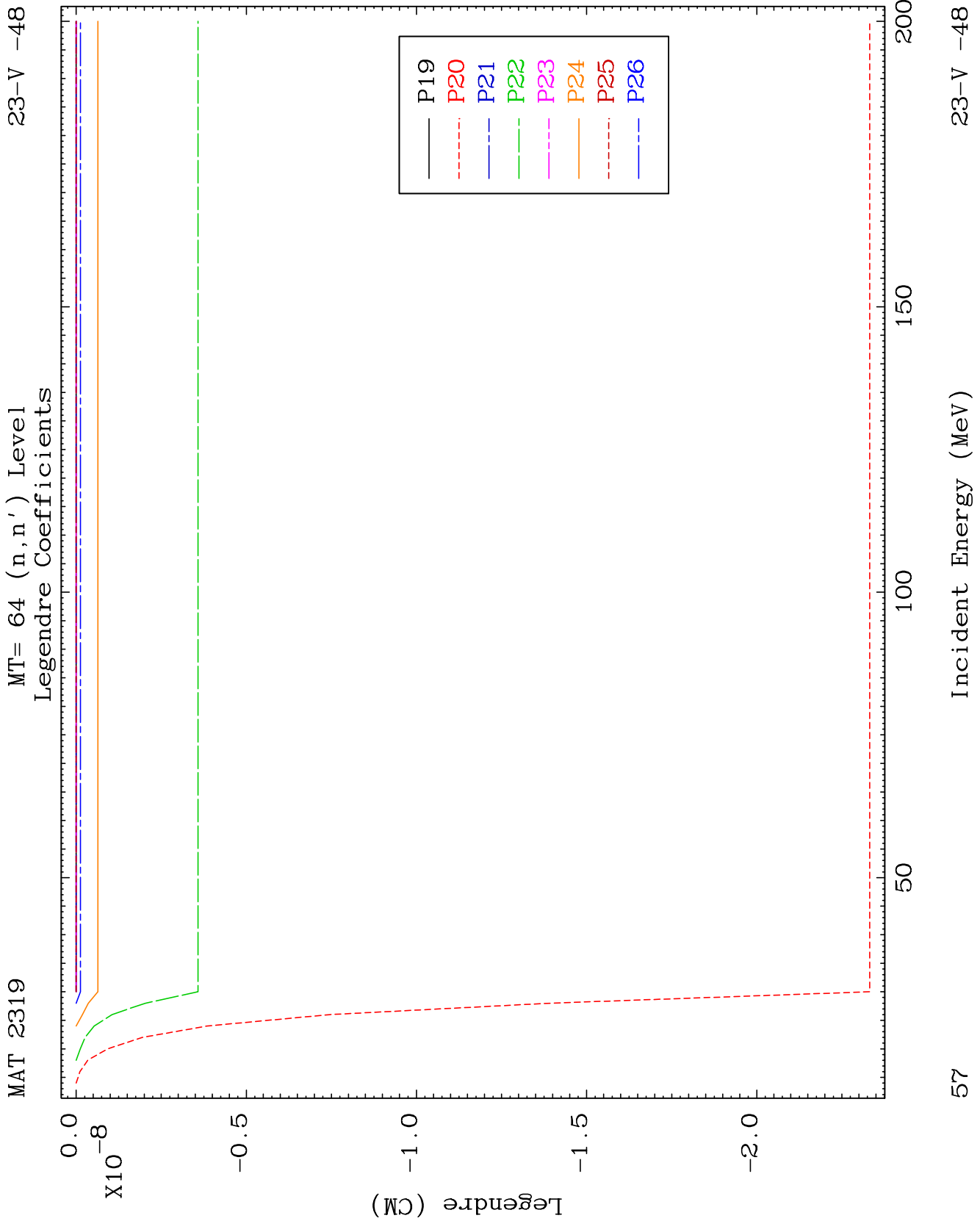


53

Incident Energy (MeV)

23-V -48

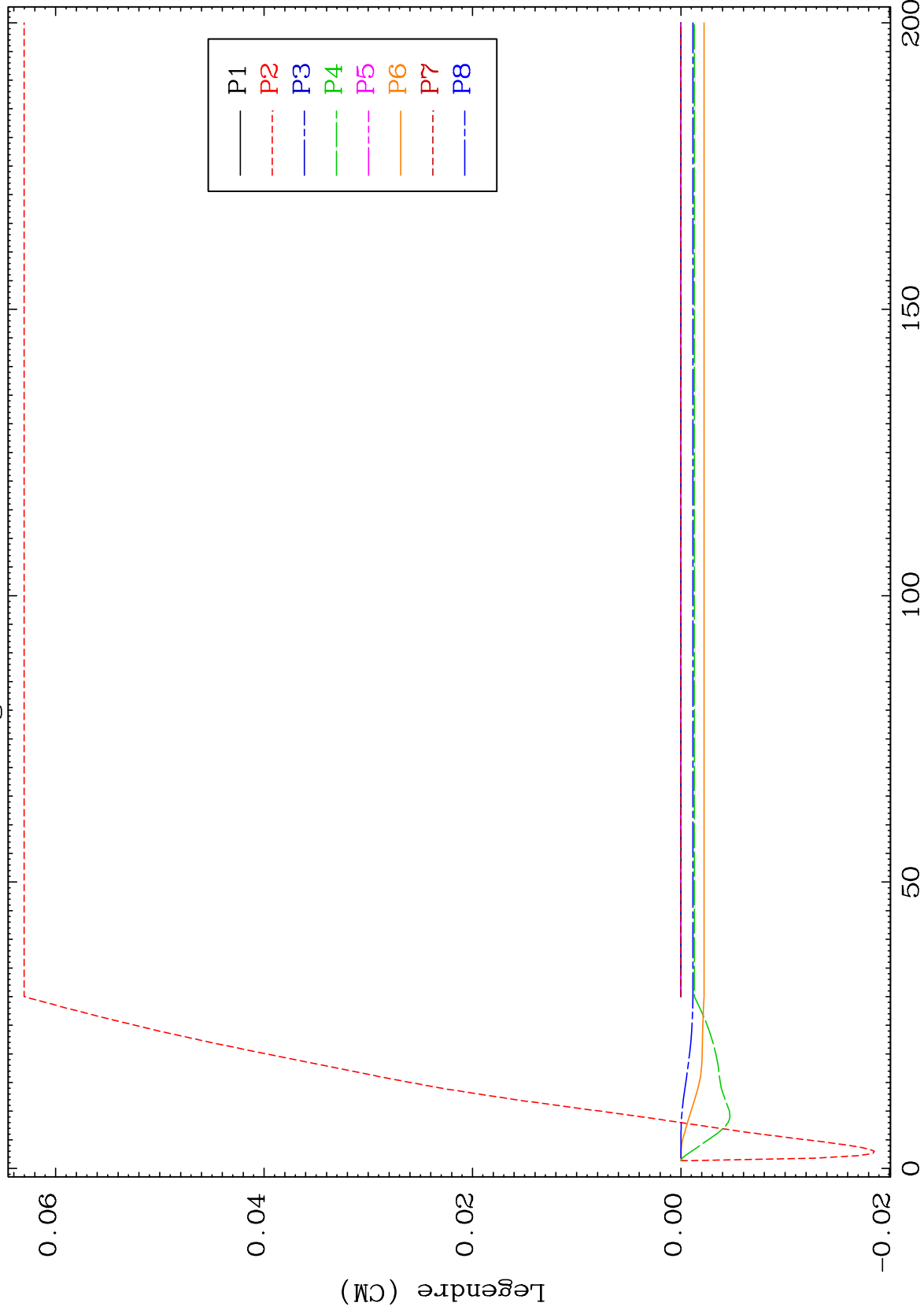




MAT 2319

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

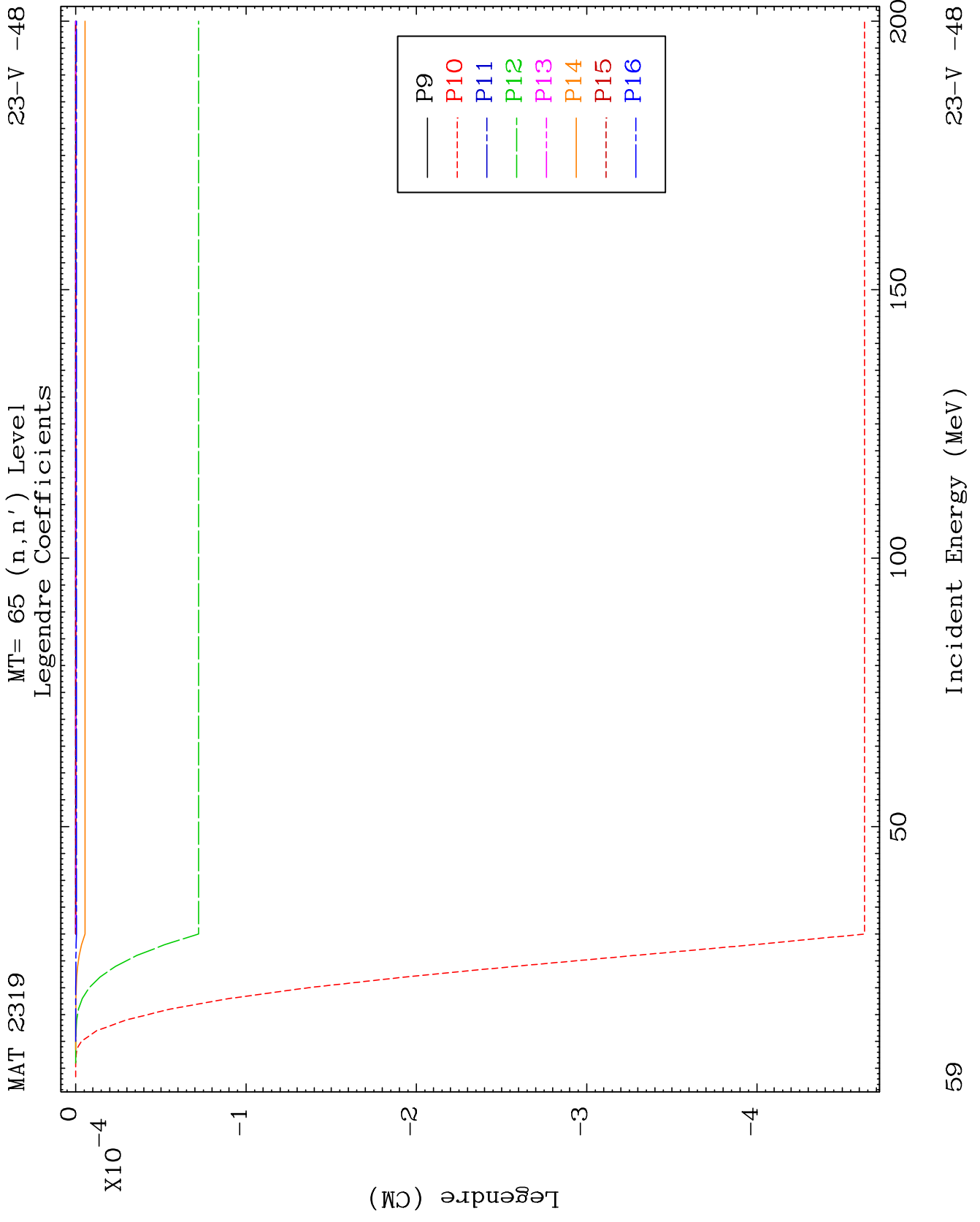
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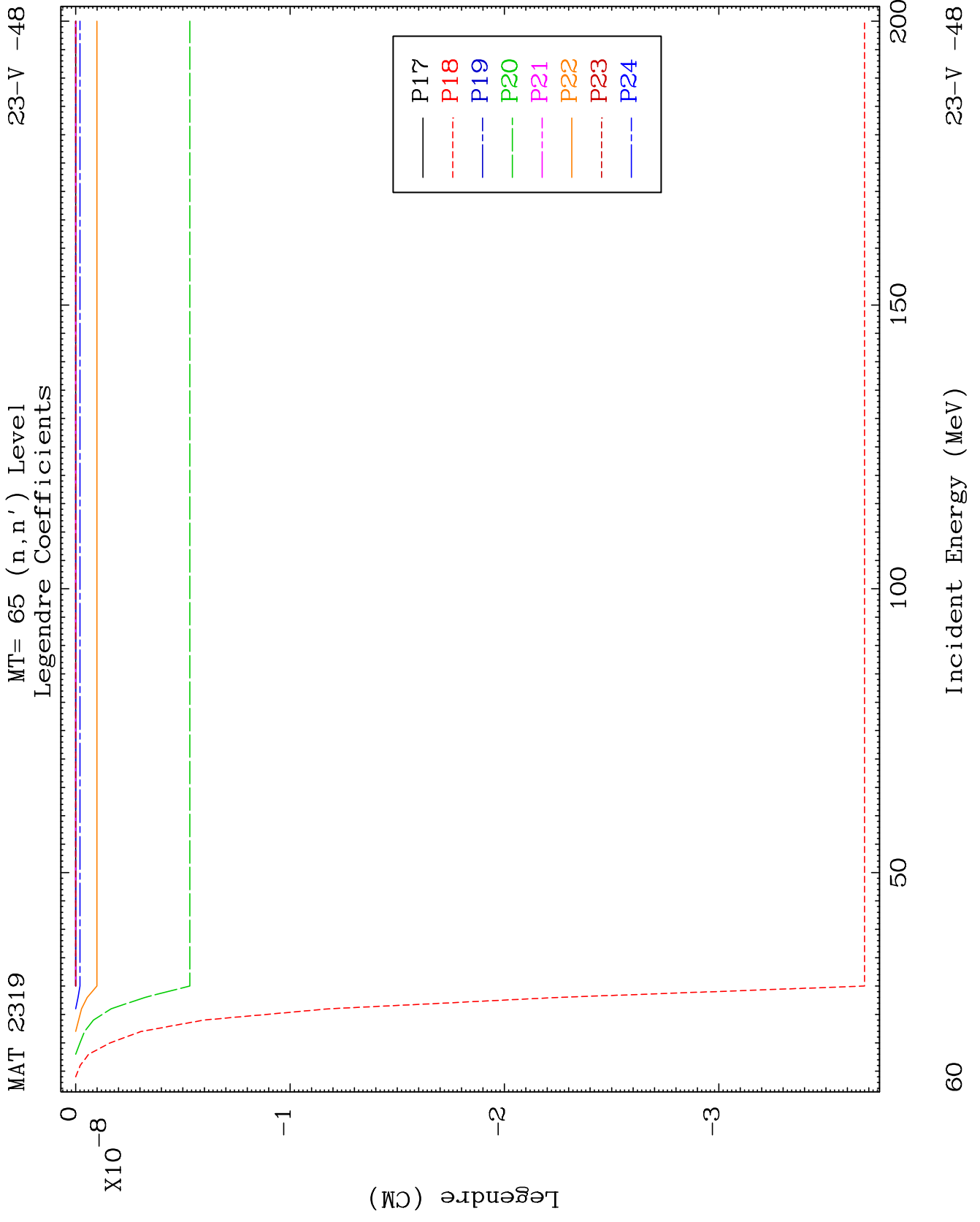


58

Incident Energy (MeV)

23-V -48

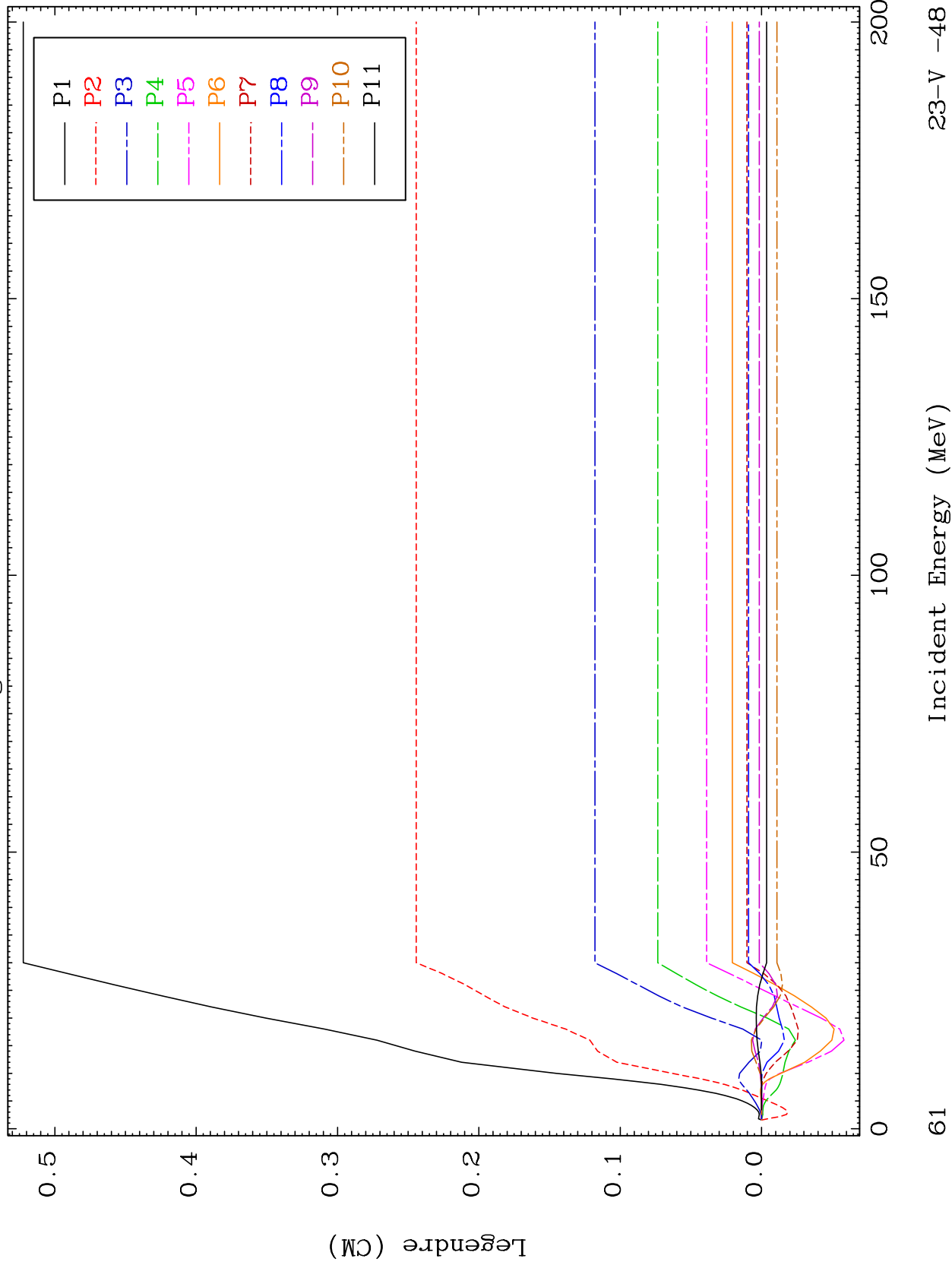




MAT 2319

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

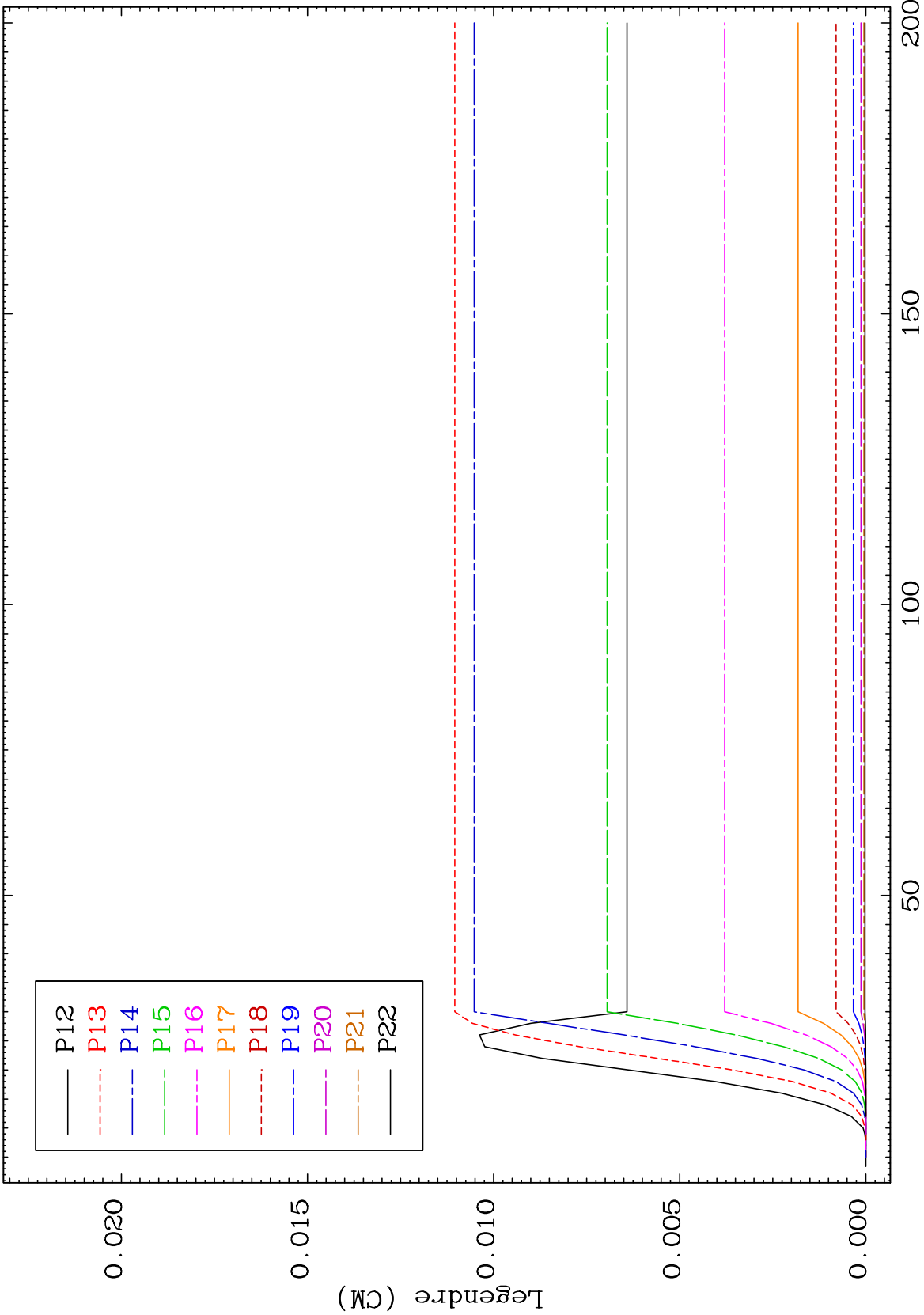
23-V -48



MAT 2319

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

23-V -48



62

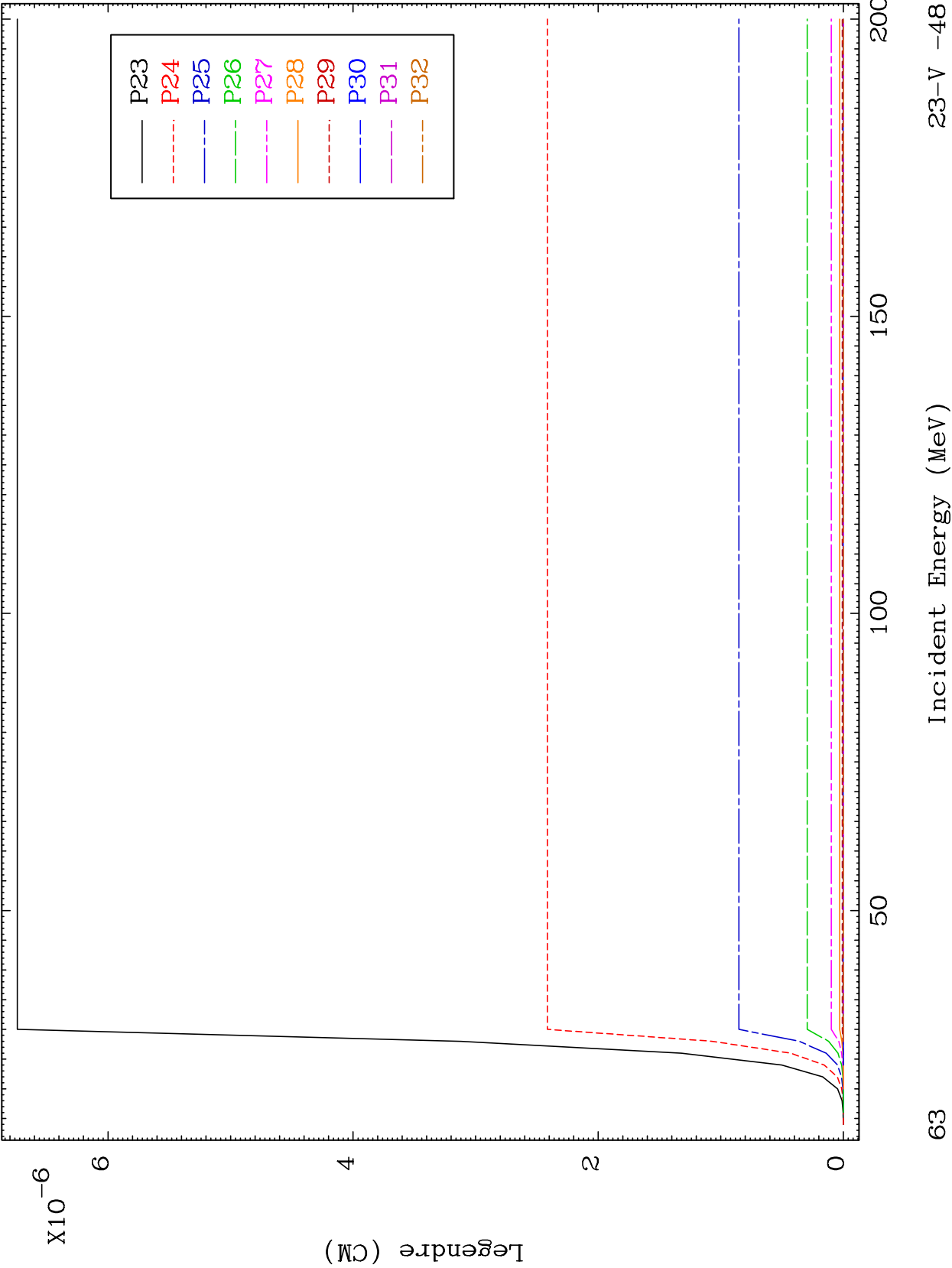
Incident Energy (MeV)

23-V -48

MAT 2319

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

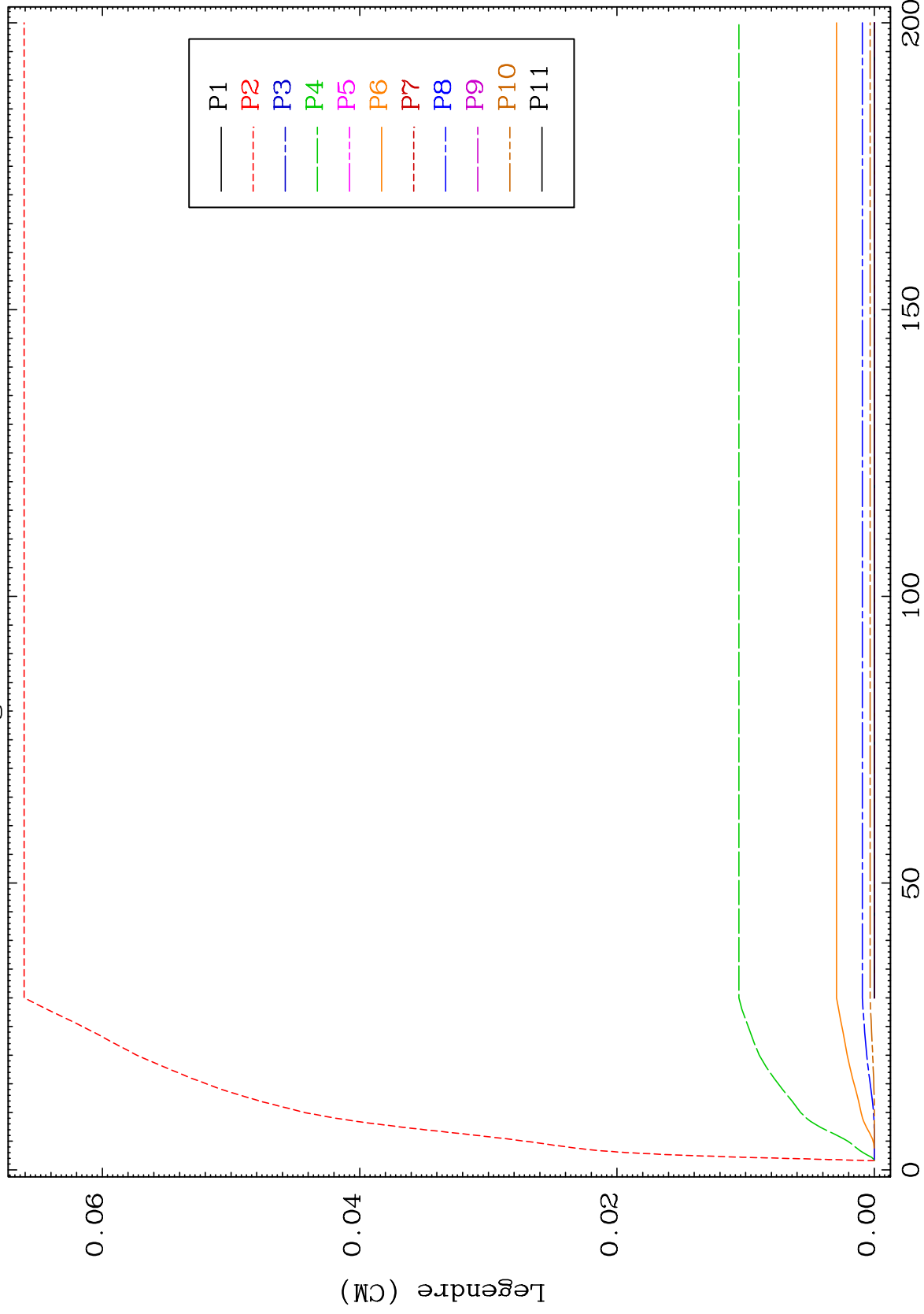
23-V -48



MAT 2319

MT= 67 (n,n') Level
Legendre Coefficients

23-V -48



64

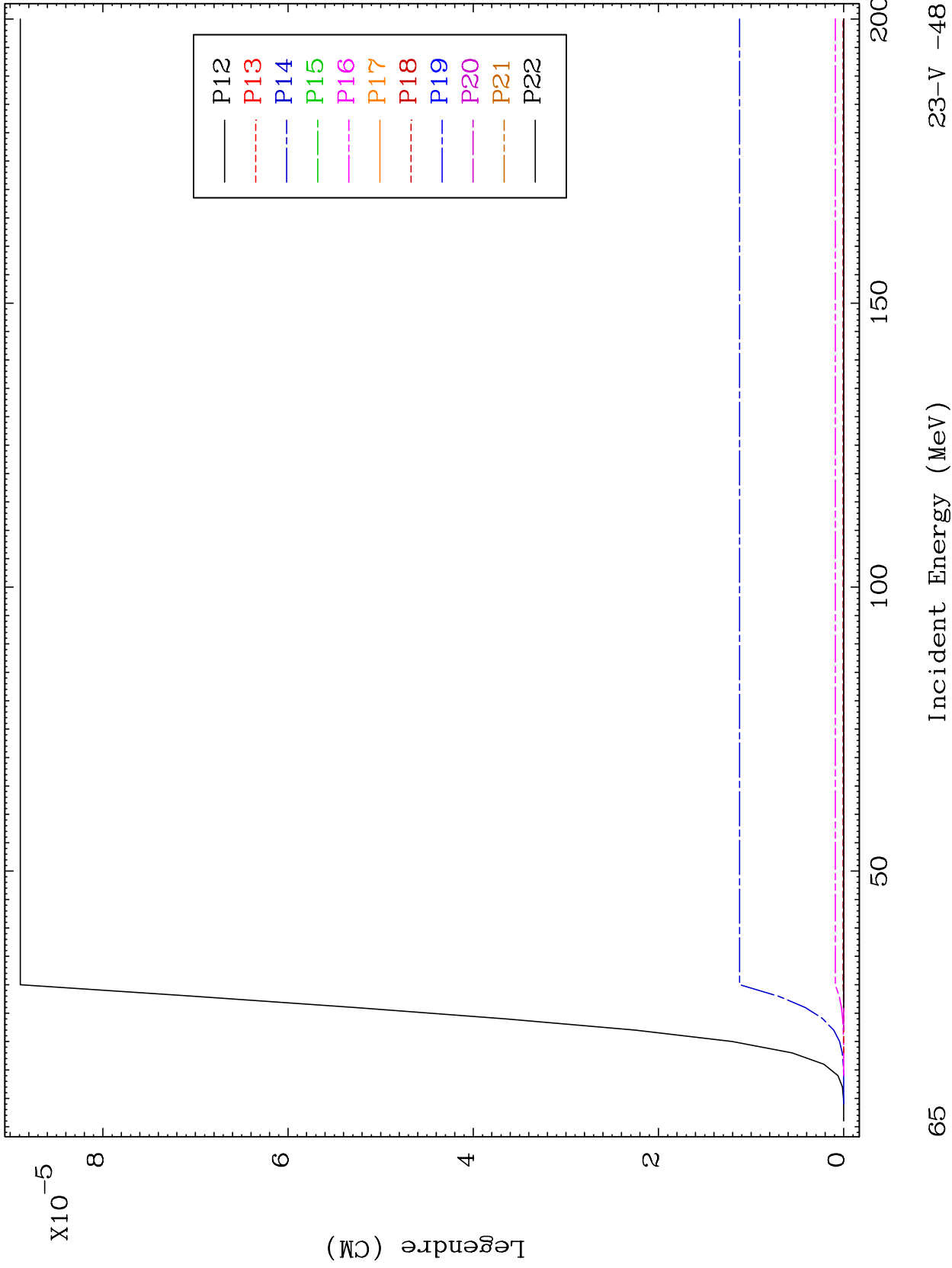
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 67 (n,n') Level
Legendre Coefficients

23-V -48



65

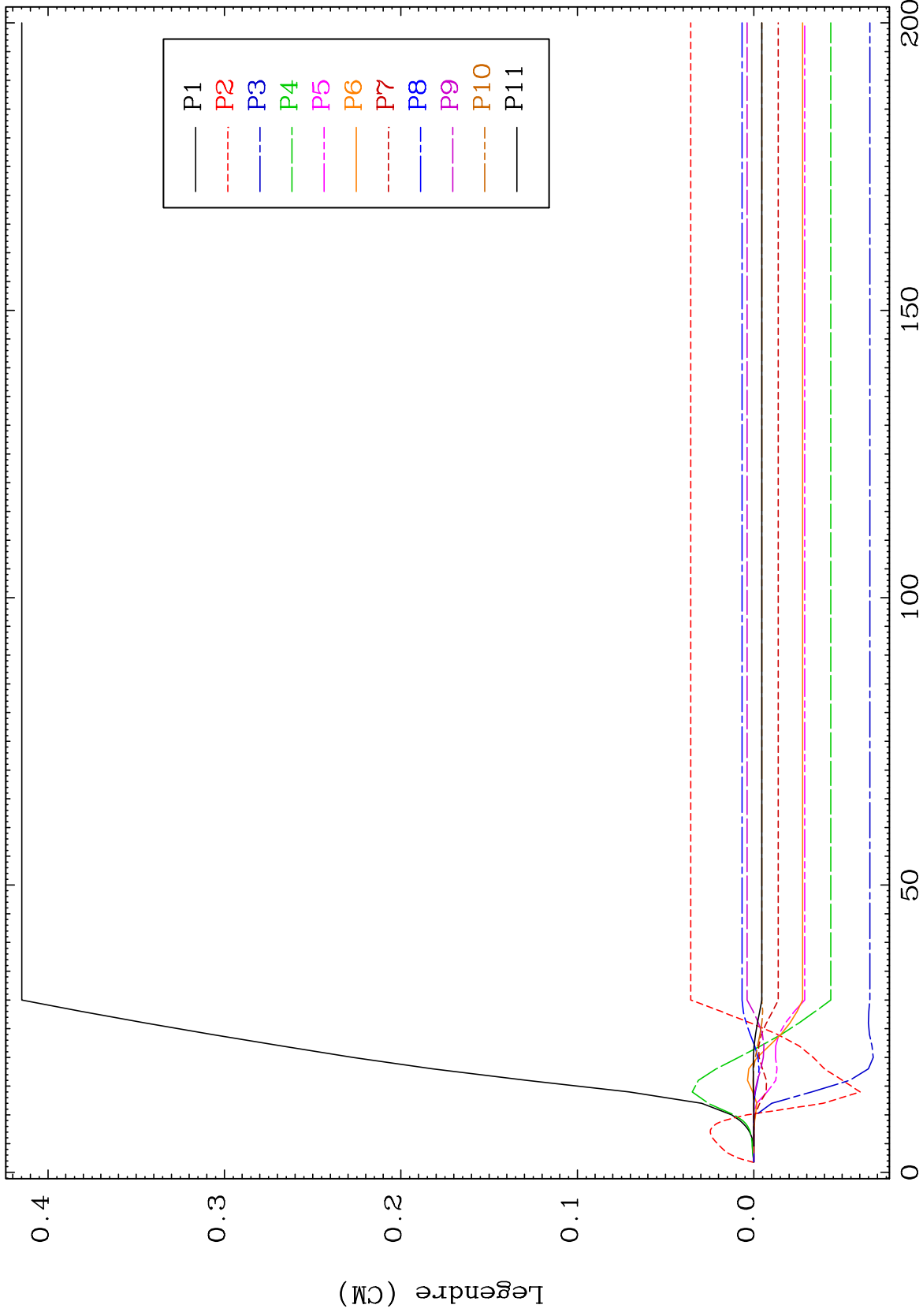
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 68 (n,n') Level
Legendre Coefficients

23-V -48



66

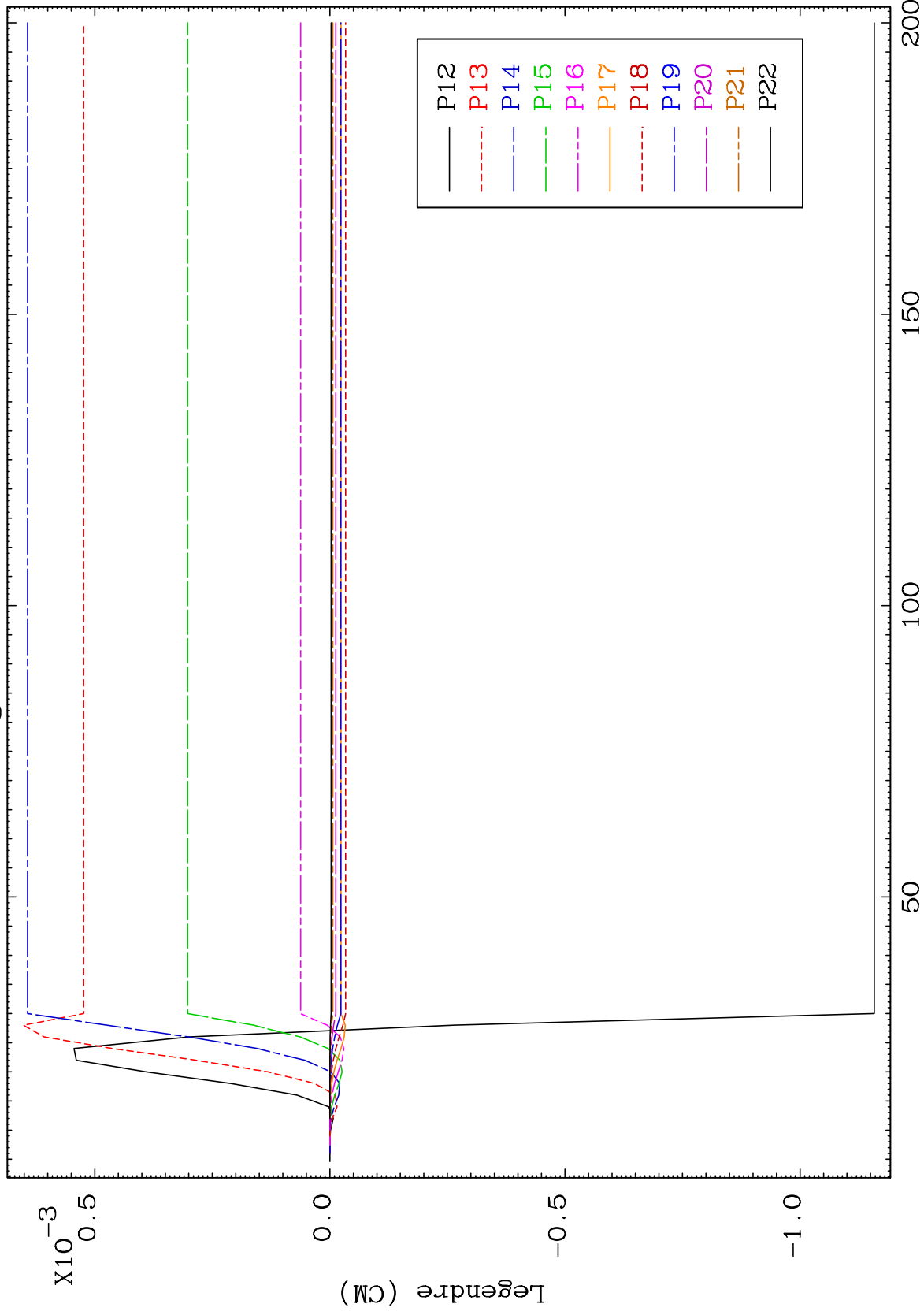
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 68 (n,n') Level
Legendre Coefficients

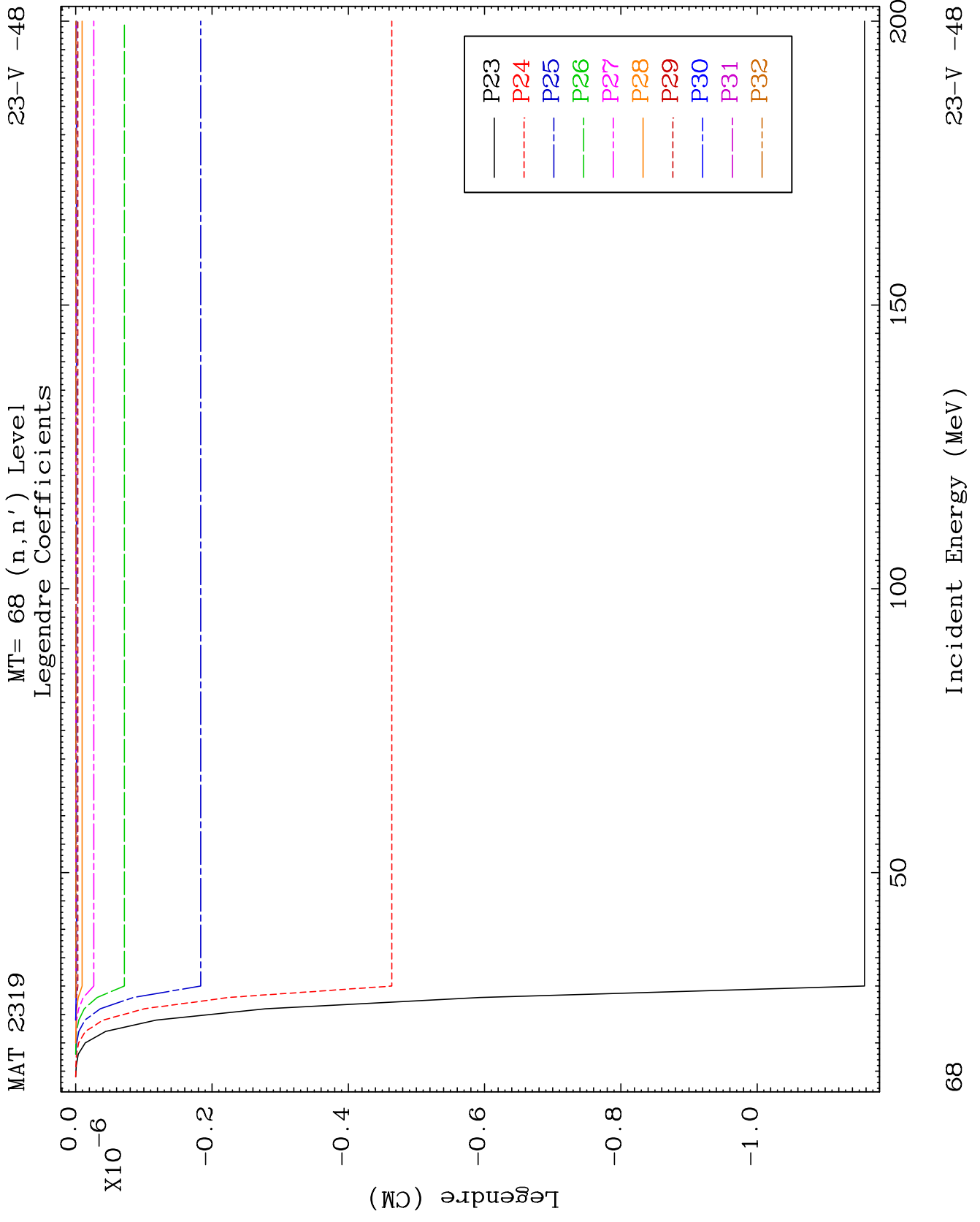
23-V -48



67

Incident Energy (MeV)

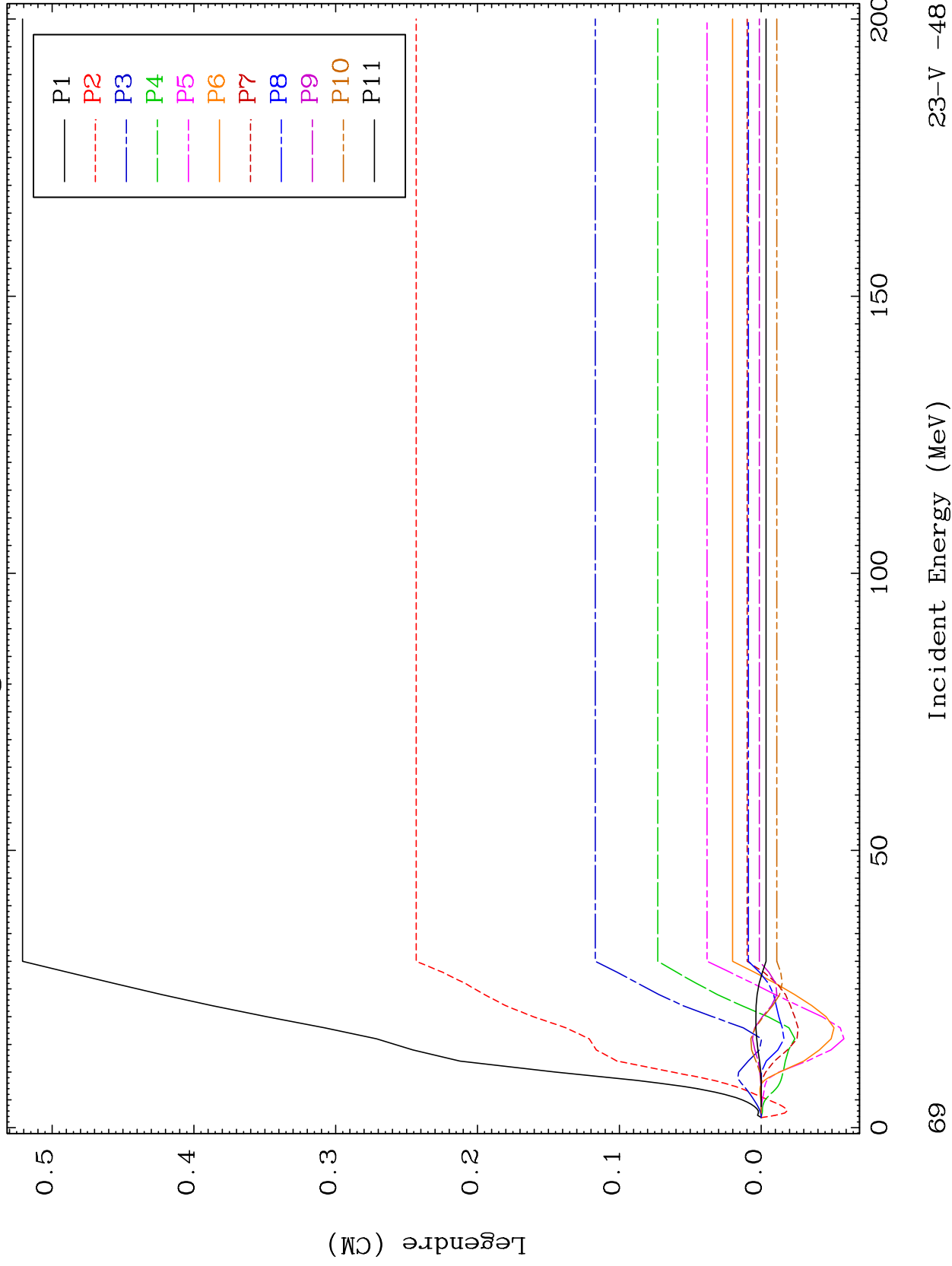
23-V -48



MAT 2319

MT= 69 (n,n') Level
Legendre Coefficients

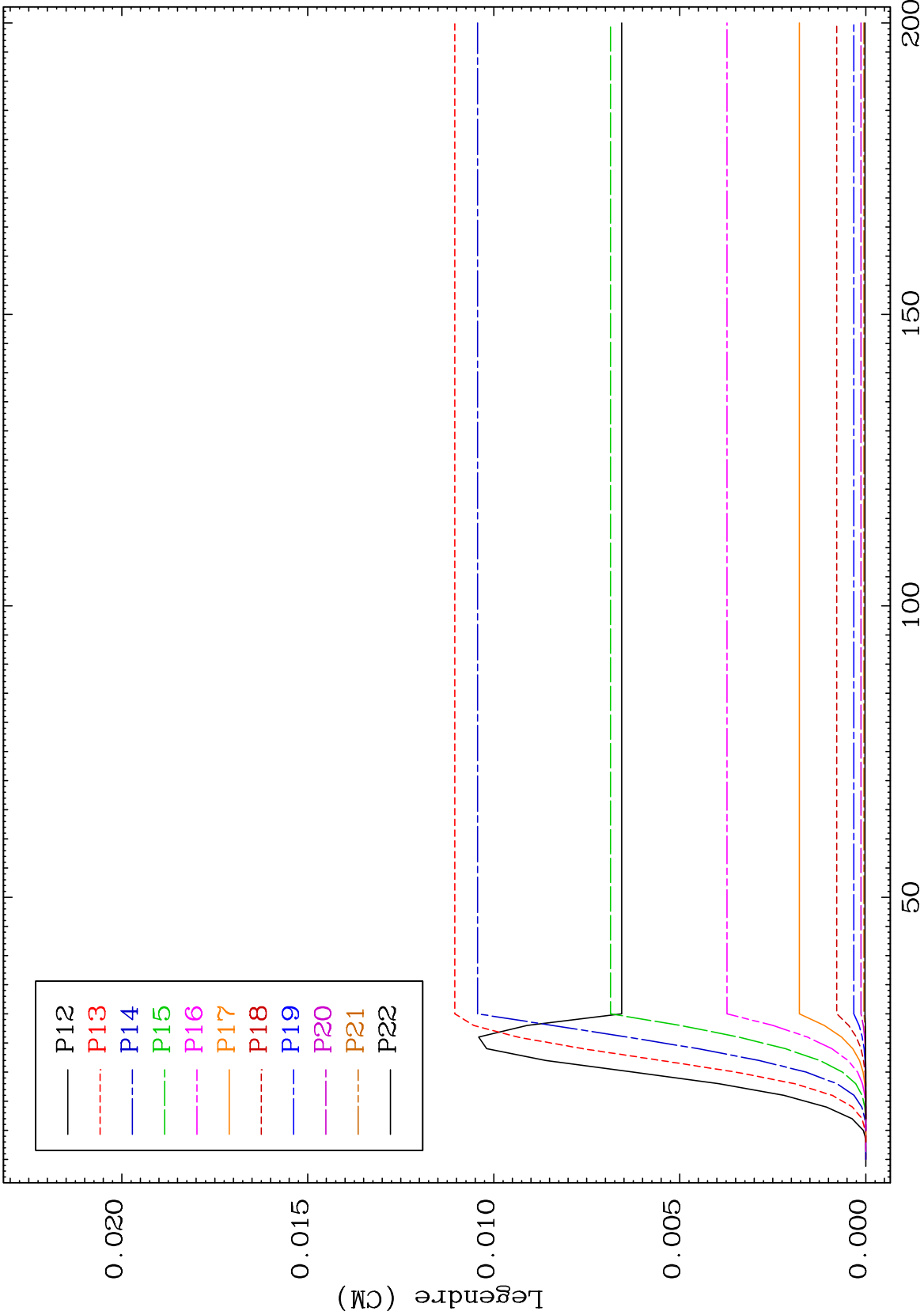
23-V -48



MAT 2319

MT= 69 (n,n') Level
Legendre Coefficients

23-V -48



70

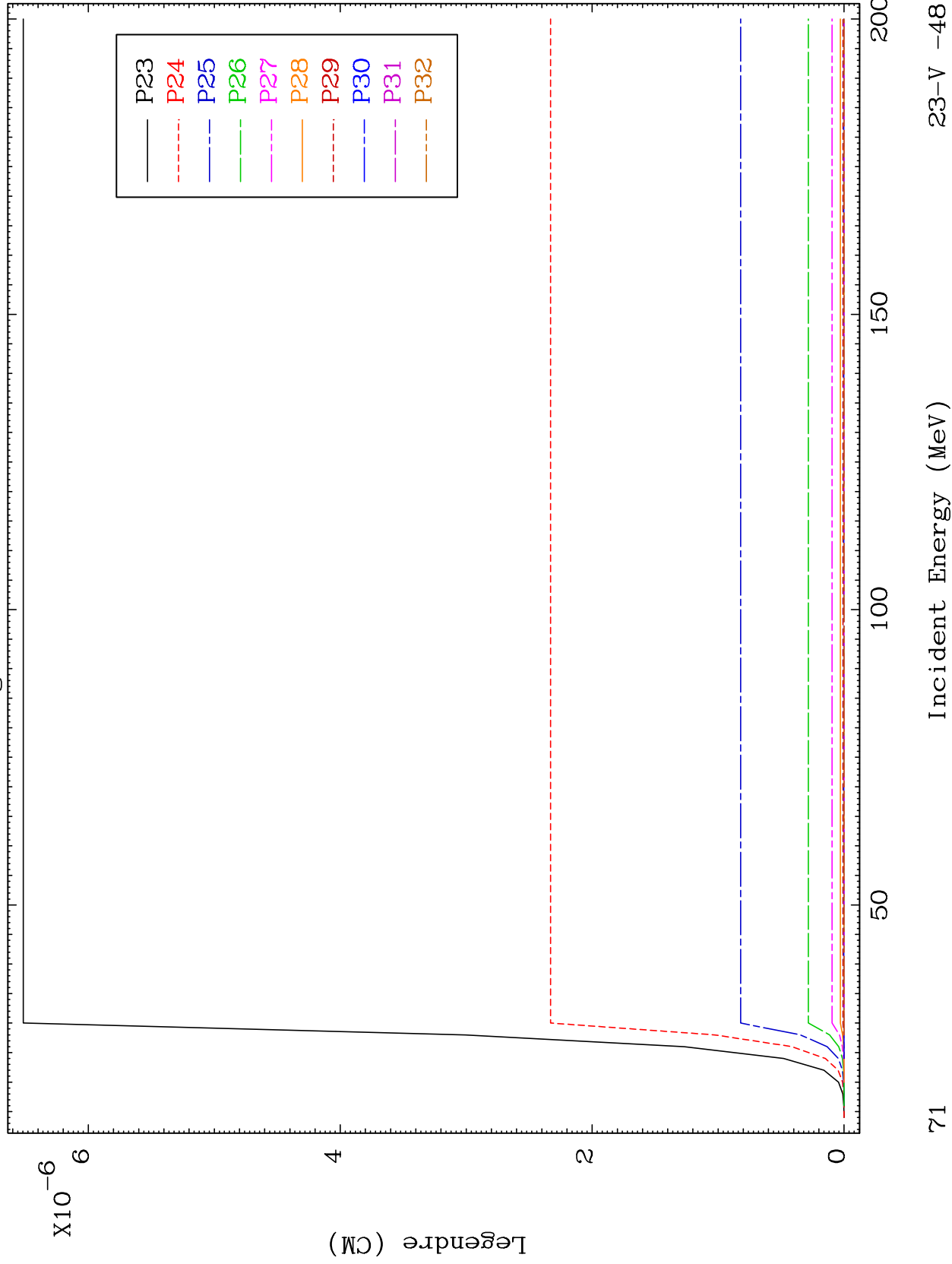
Incident Energy (MeV)

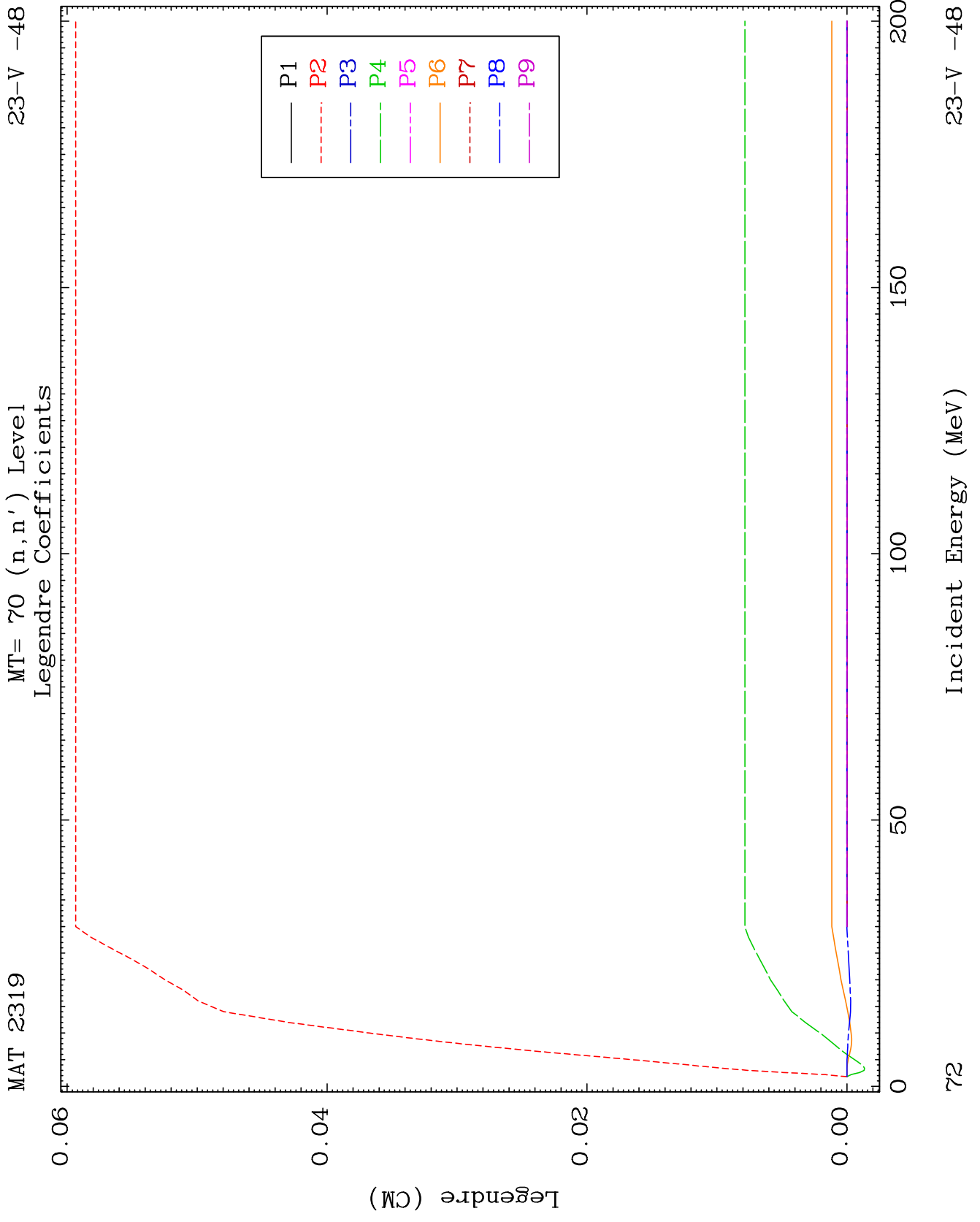
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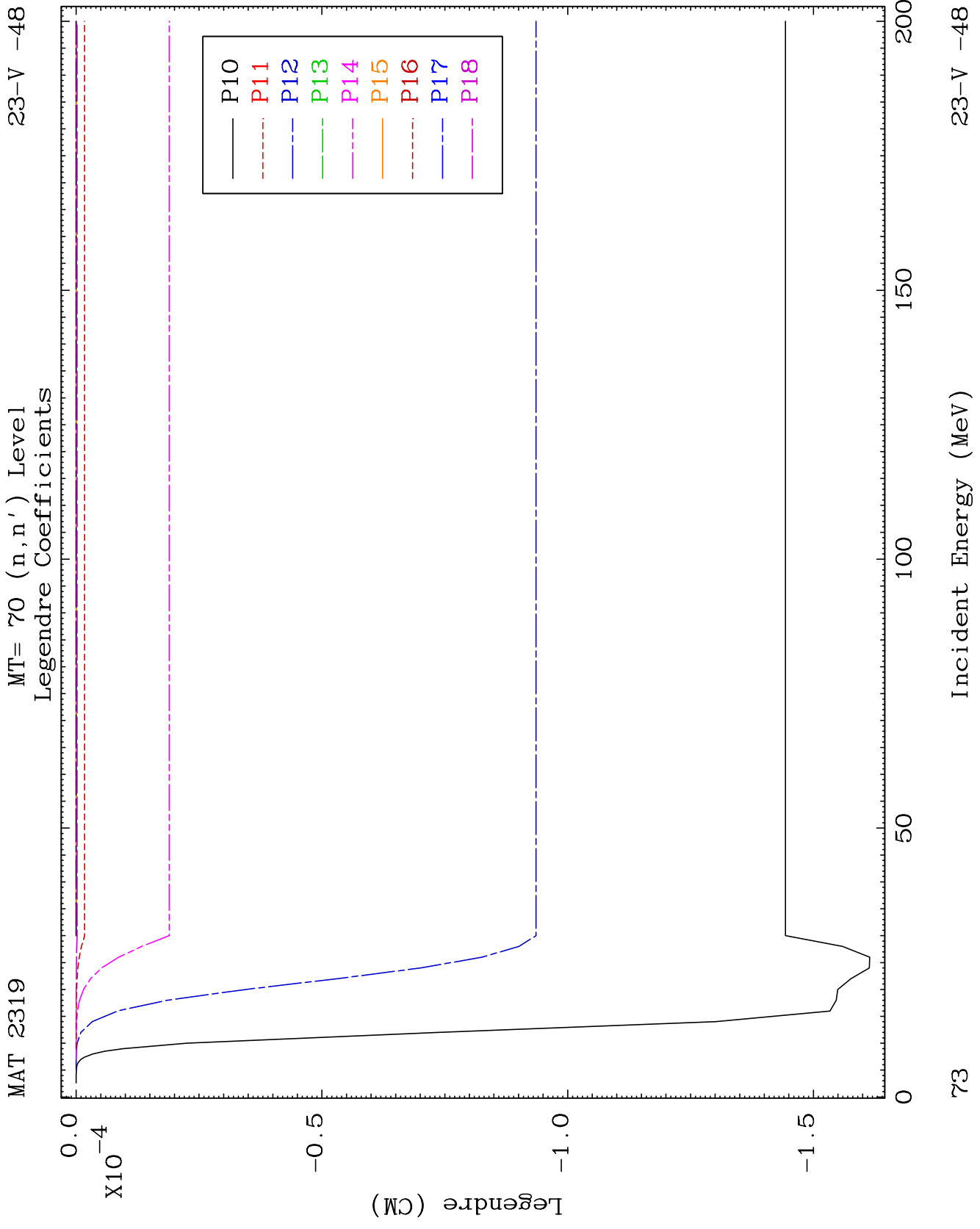
MAT 2319

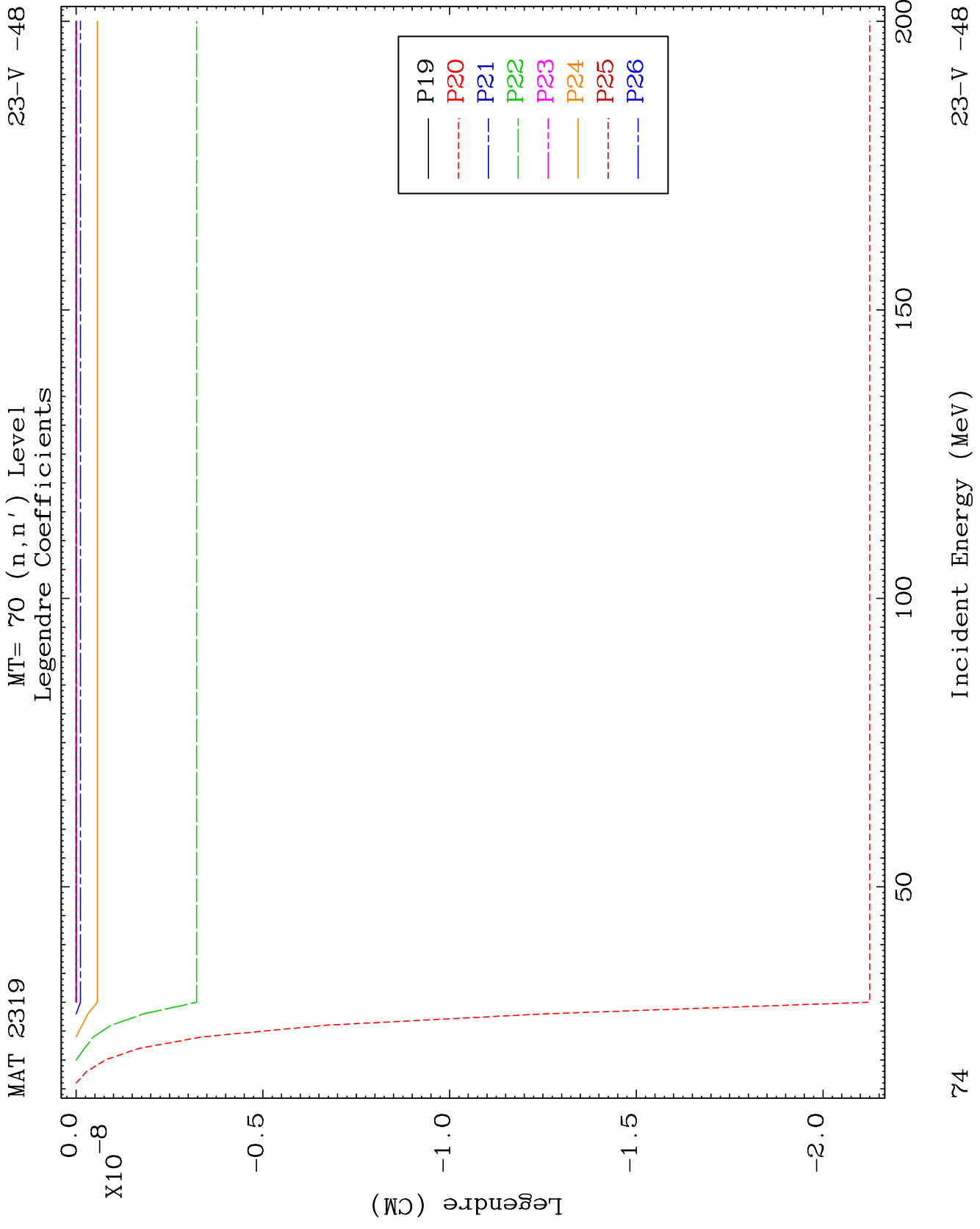
MT= 69 (n,n') Level
Legendre Coefficients

23-V -48





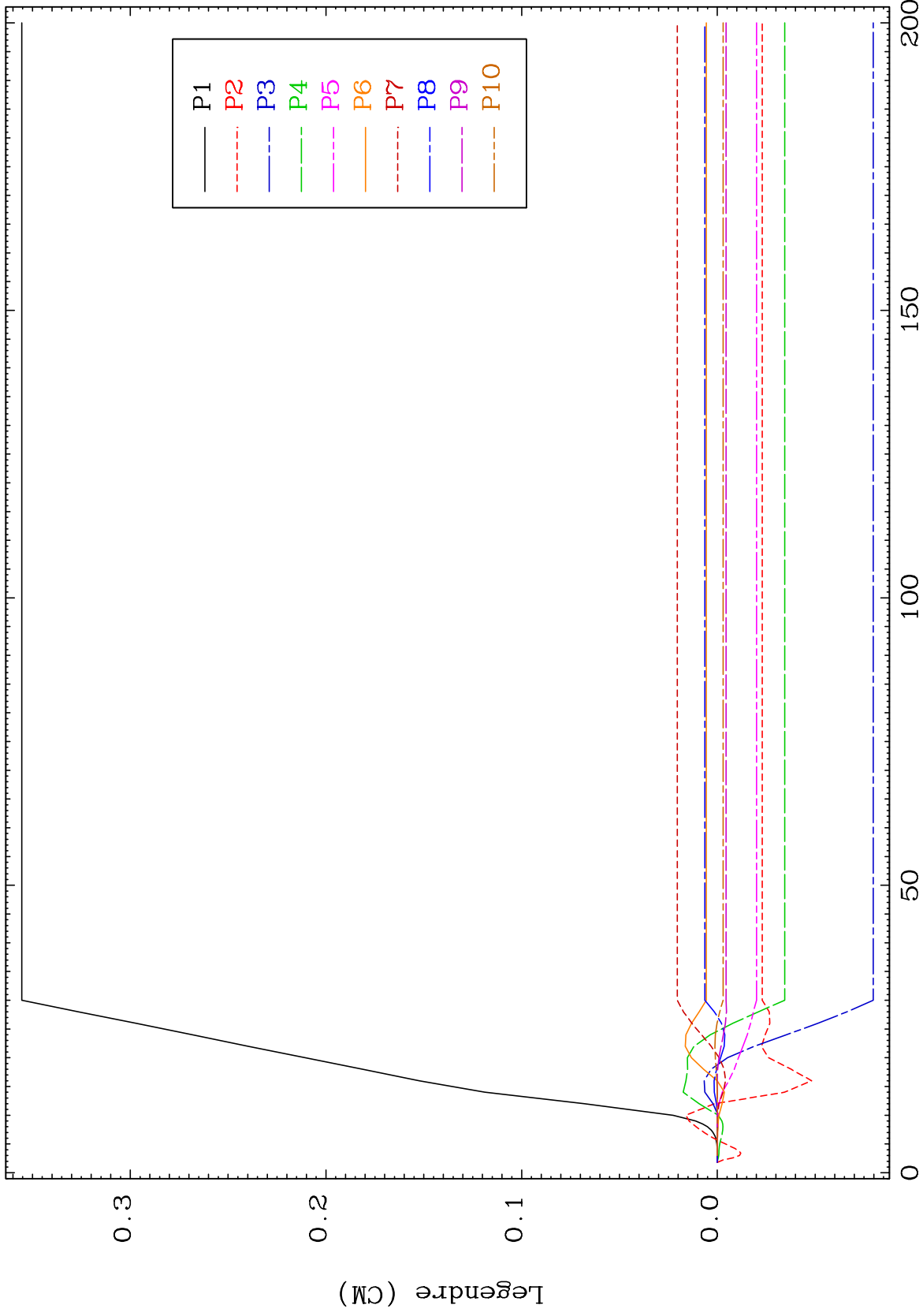




MAT 2319

MT= 71 (n,n') Level
Legendre Coefficients

23-V -48



75

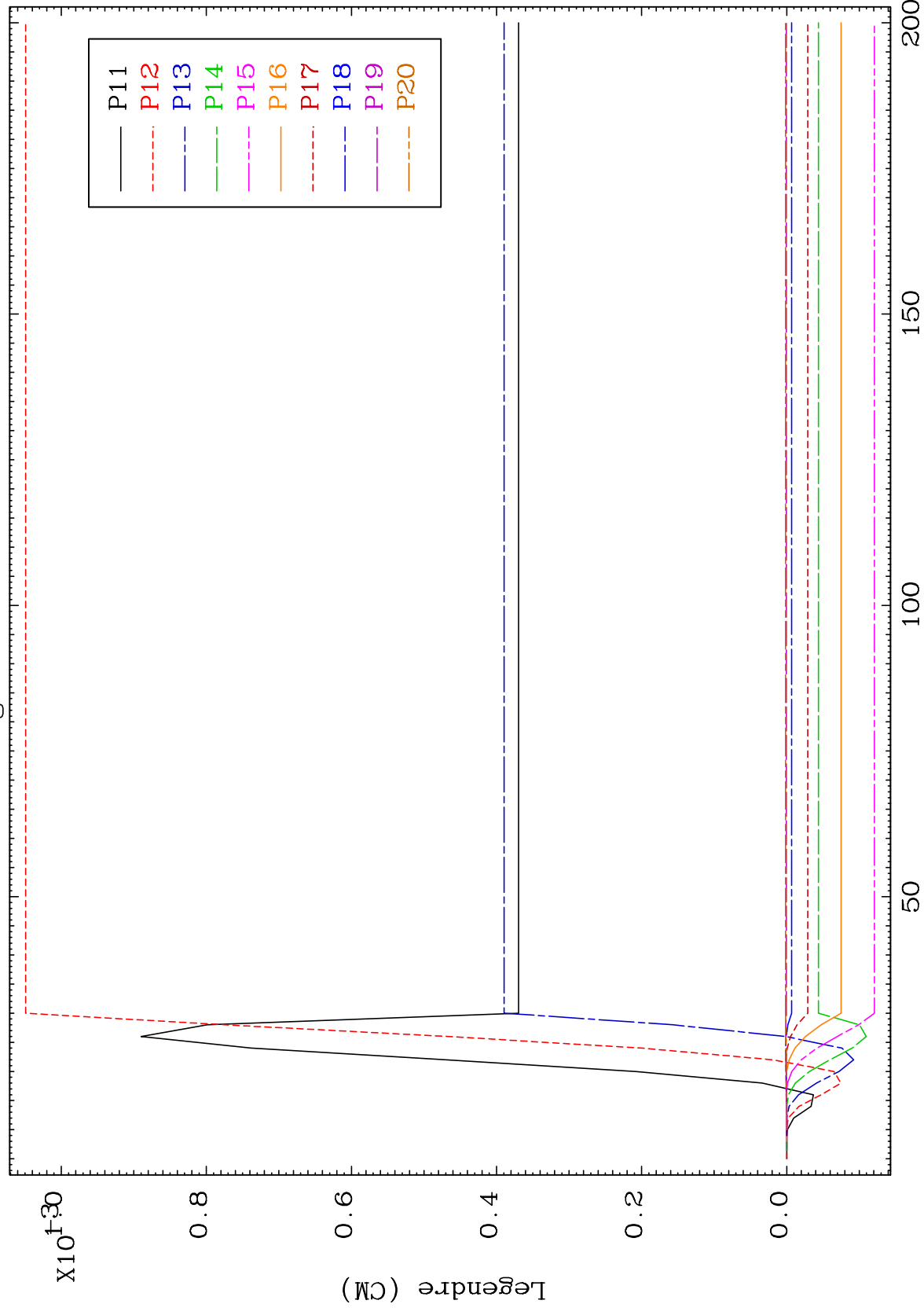
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 71 (n,n') Level
Legendre Coefficients

23-V -48



76

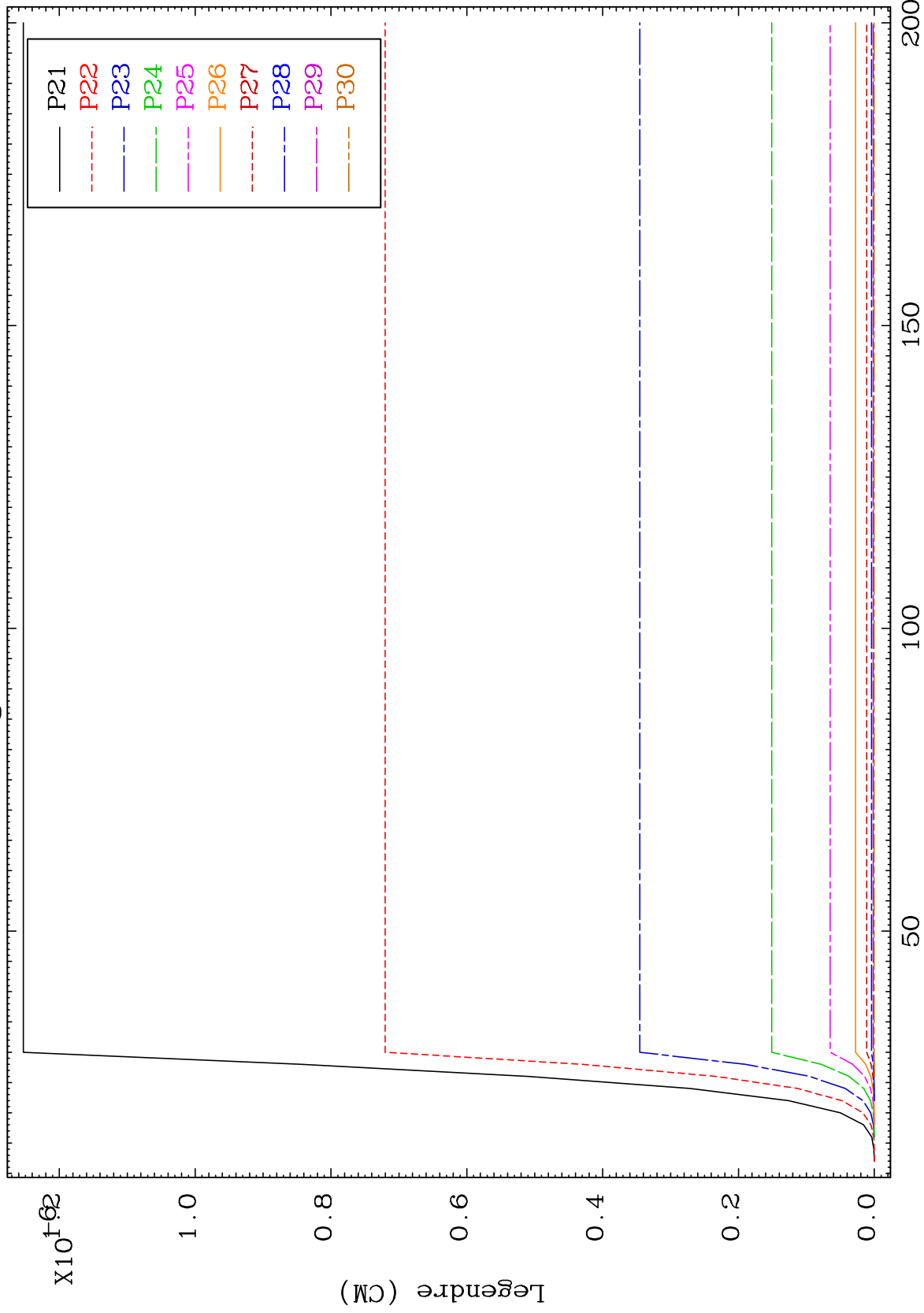
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 71 (n,n') Level
Legendre Coefficients

23-V -48



77

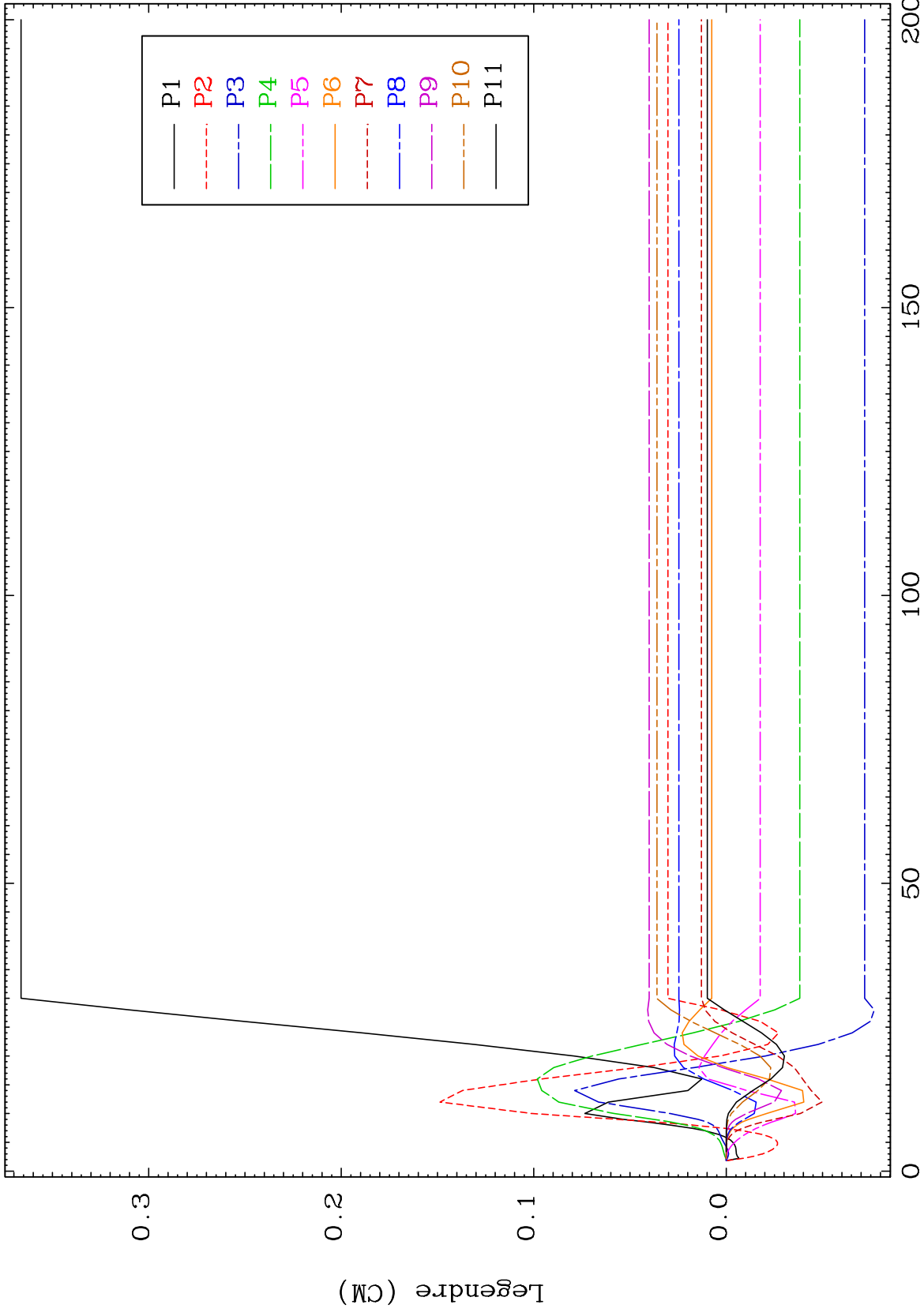
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 72 (n,n') Level
Legendre Coefficients

23-V -48



78

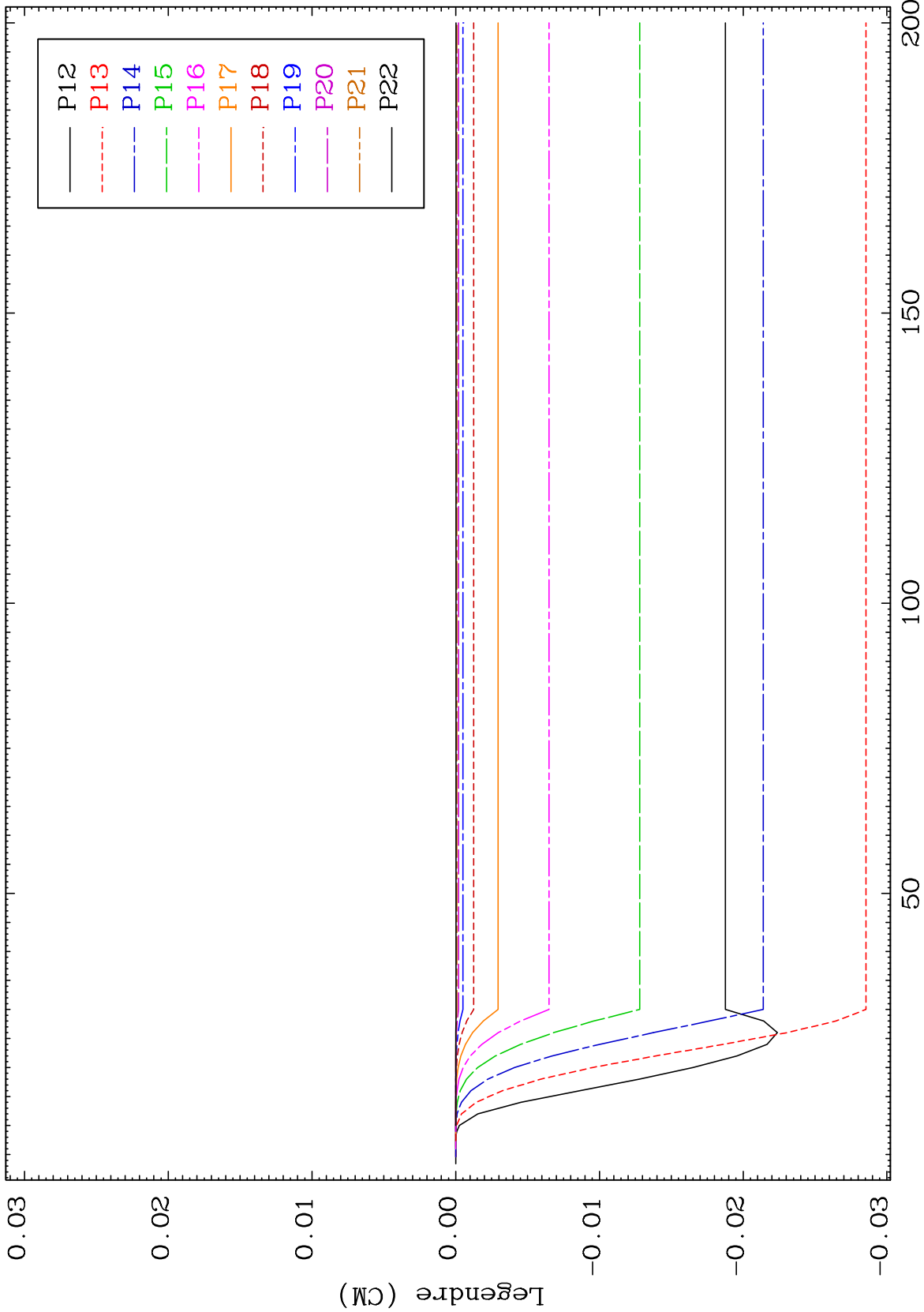
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 72 (n,n') Level
Legendre Coefficients

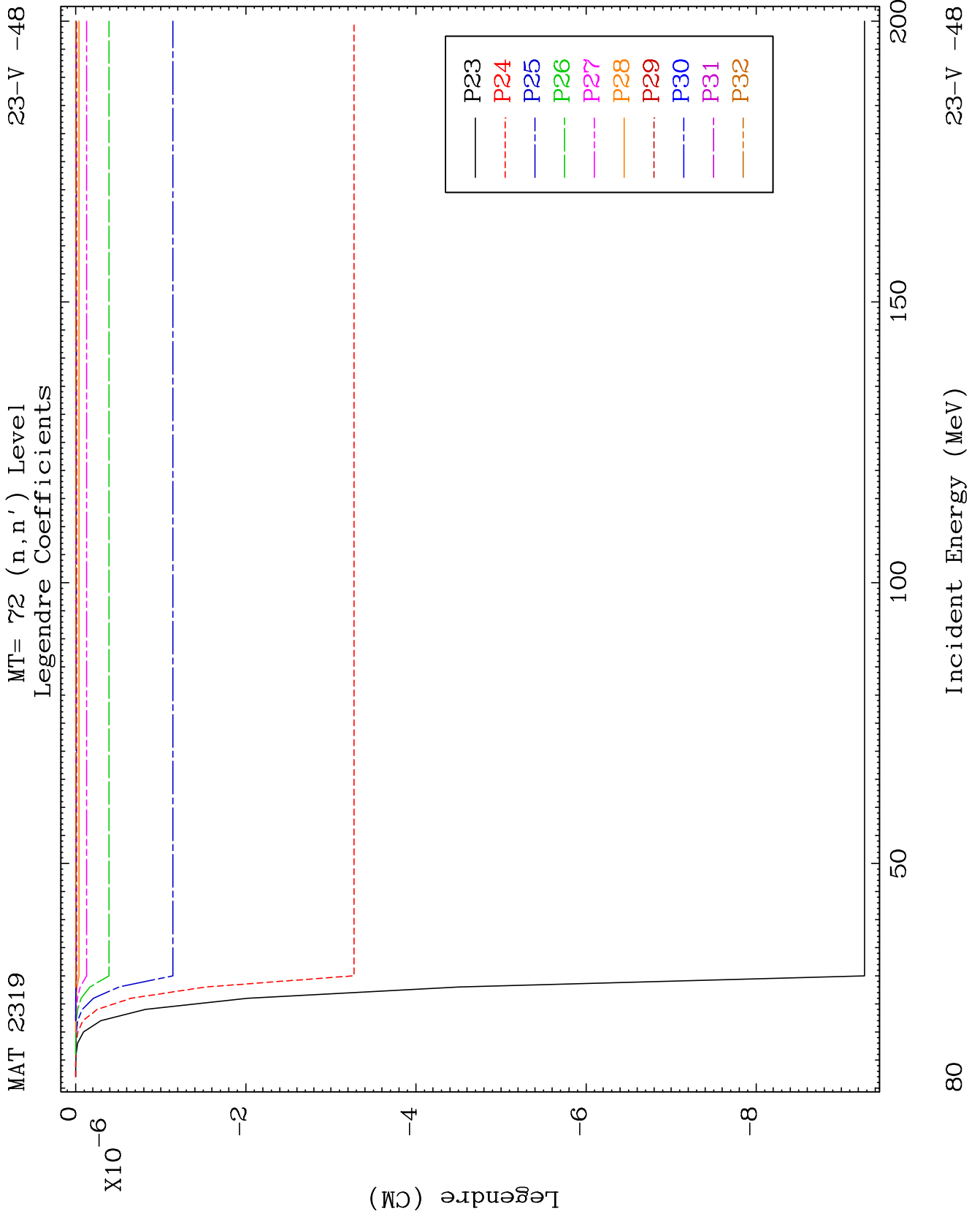
23-V -48



79

Incident Energy (MeV)

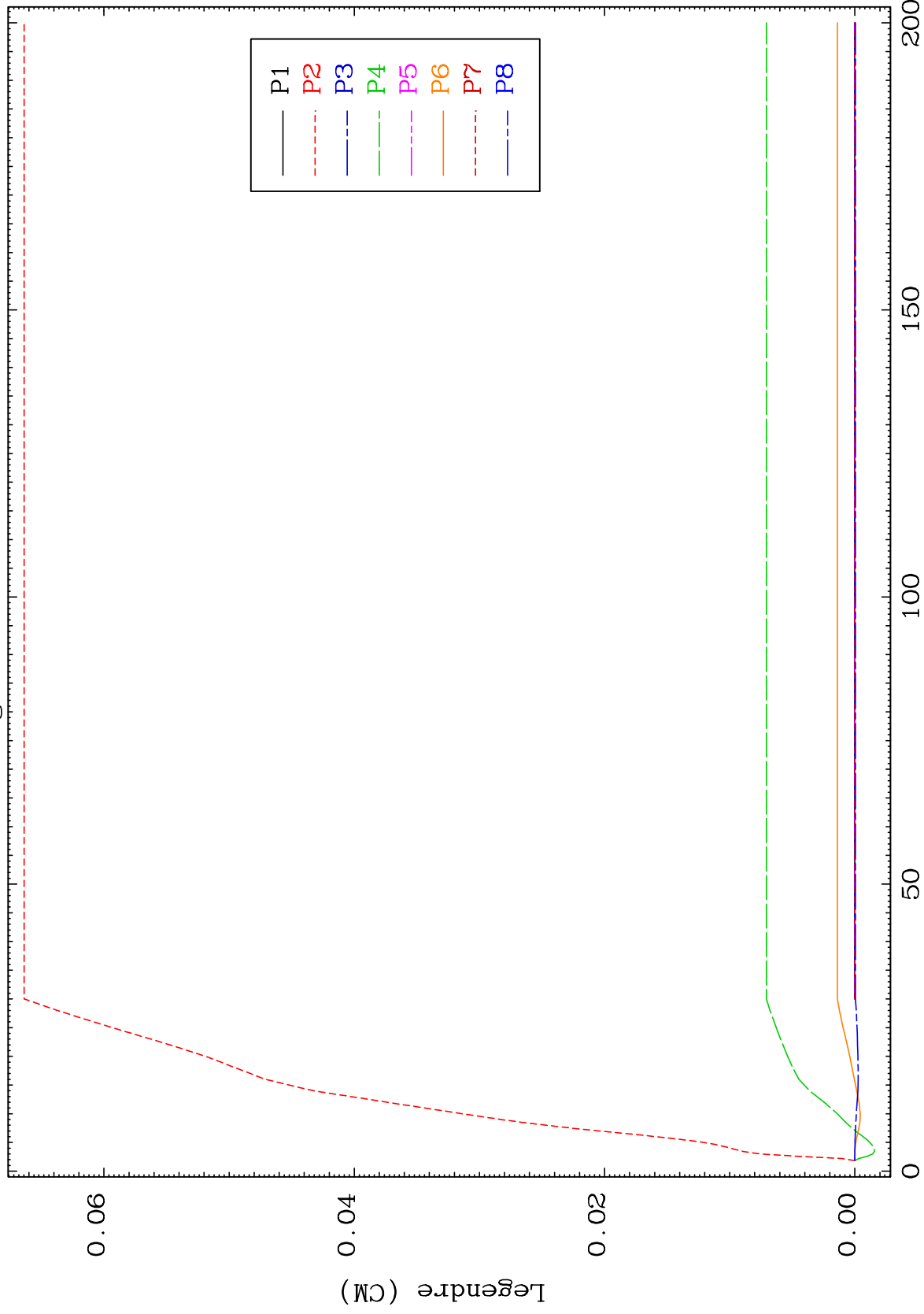
23-V -48



MAT 2319

MT= 73 (n,n') Level
Legendre Coefficients

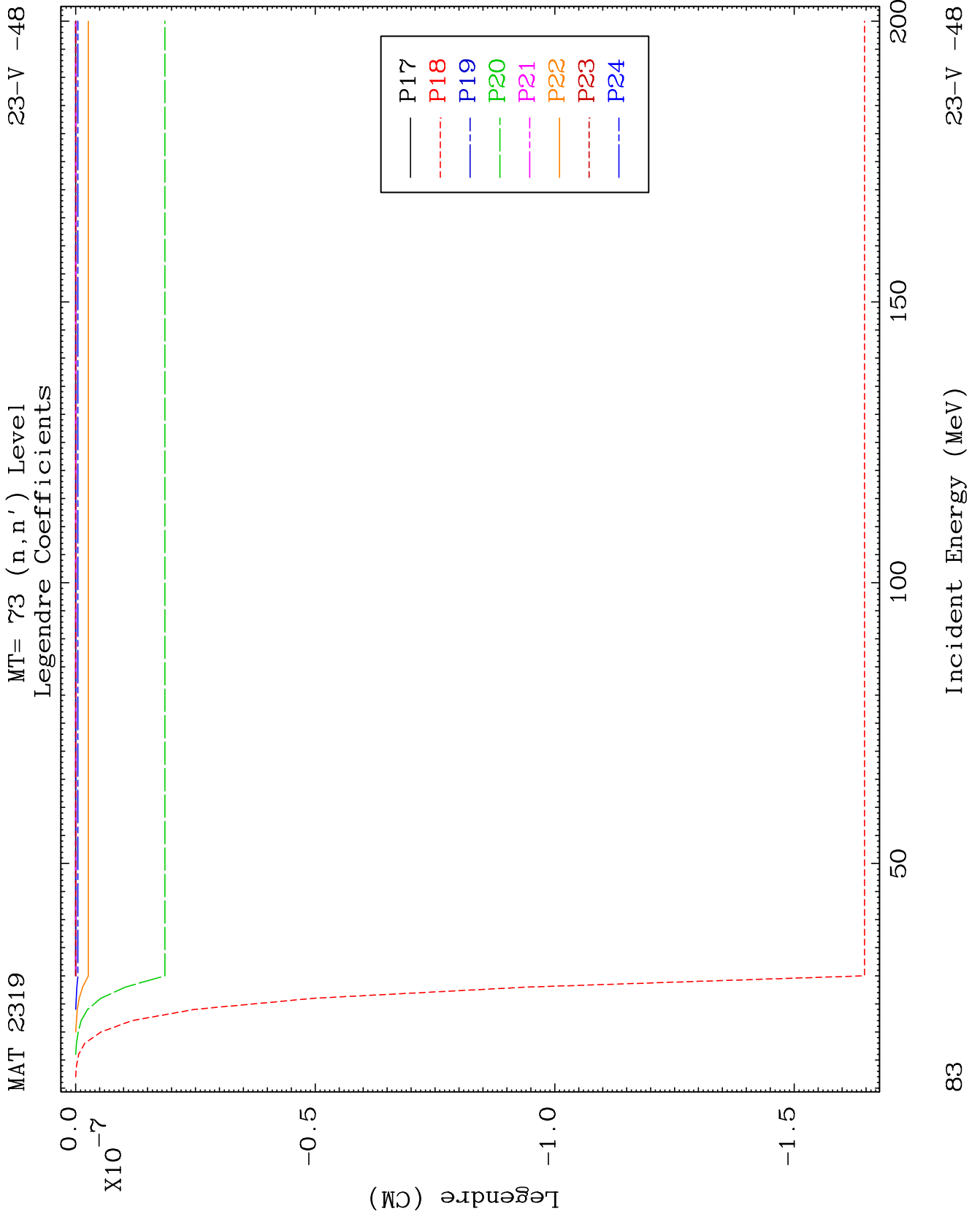
23-V -48



81

Incident Energy (MeV)

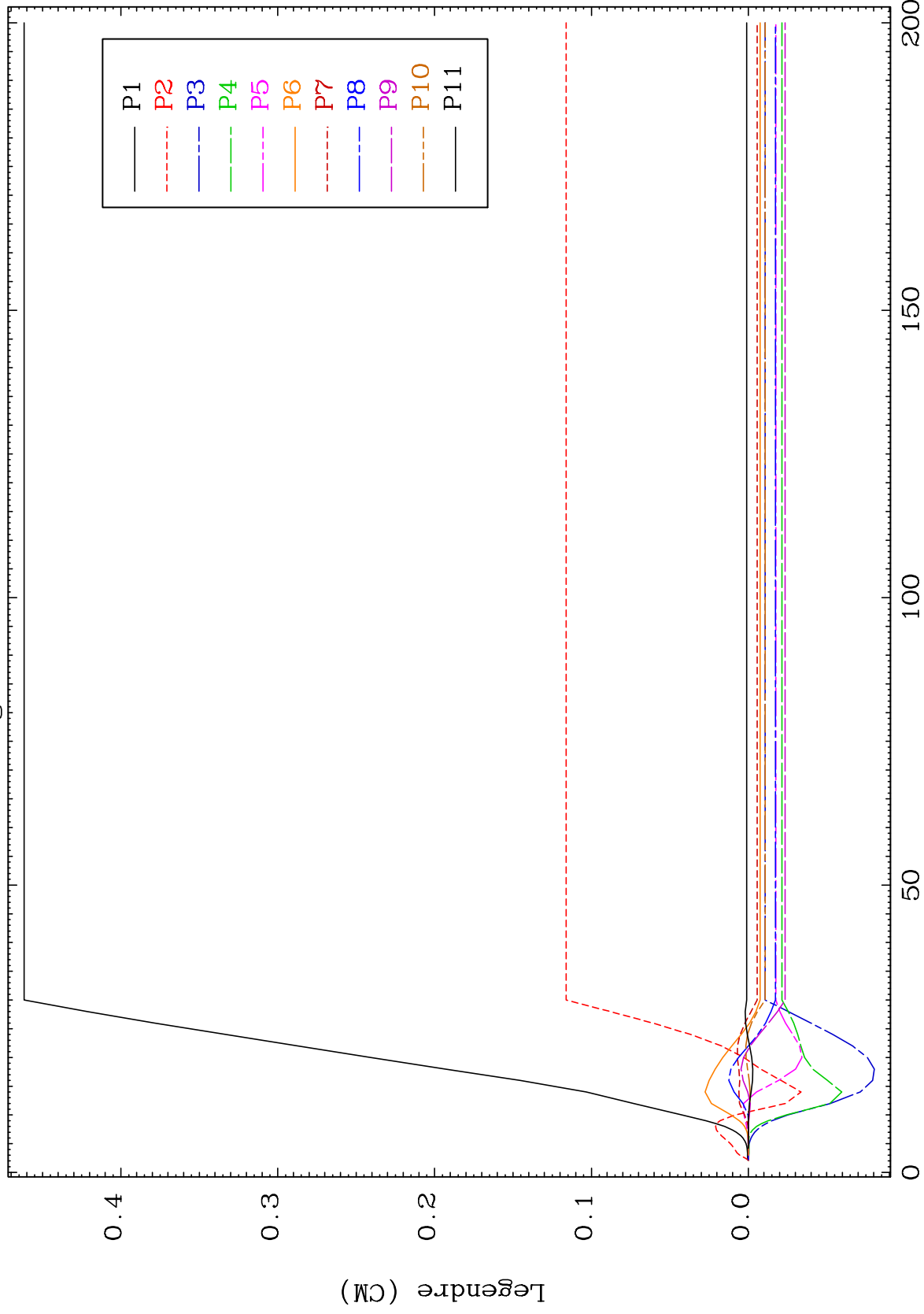
23-V -48



MAT 2319

MT= 74 (n,n') Level
Legendre Coefficients

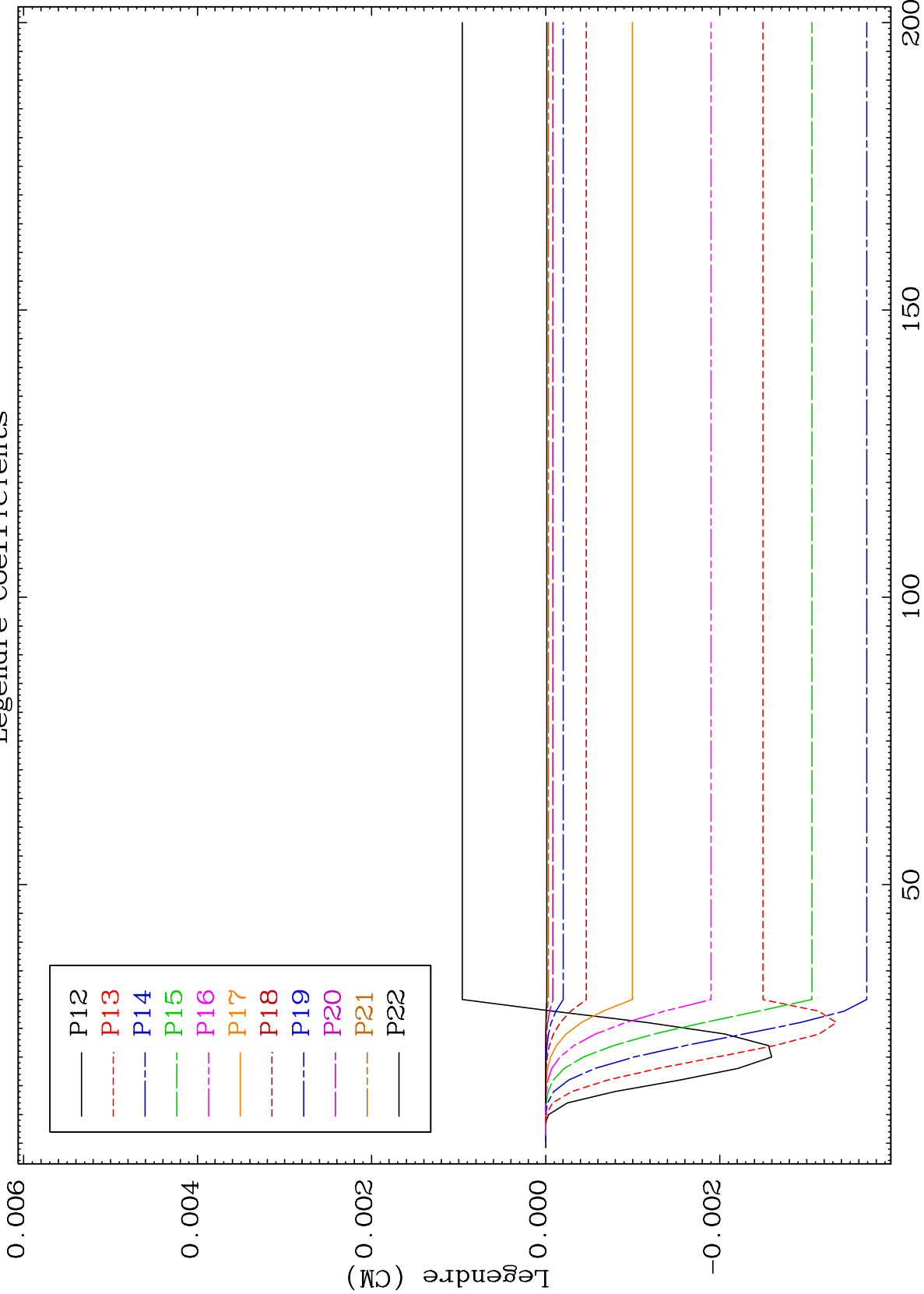
23-V -48

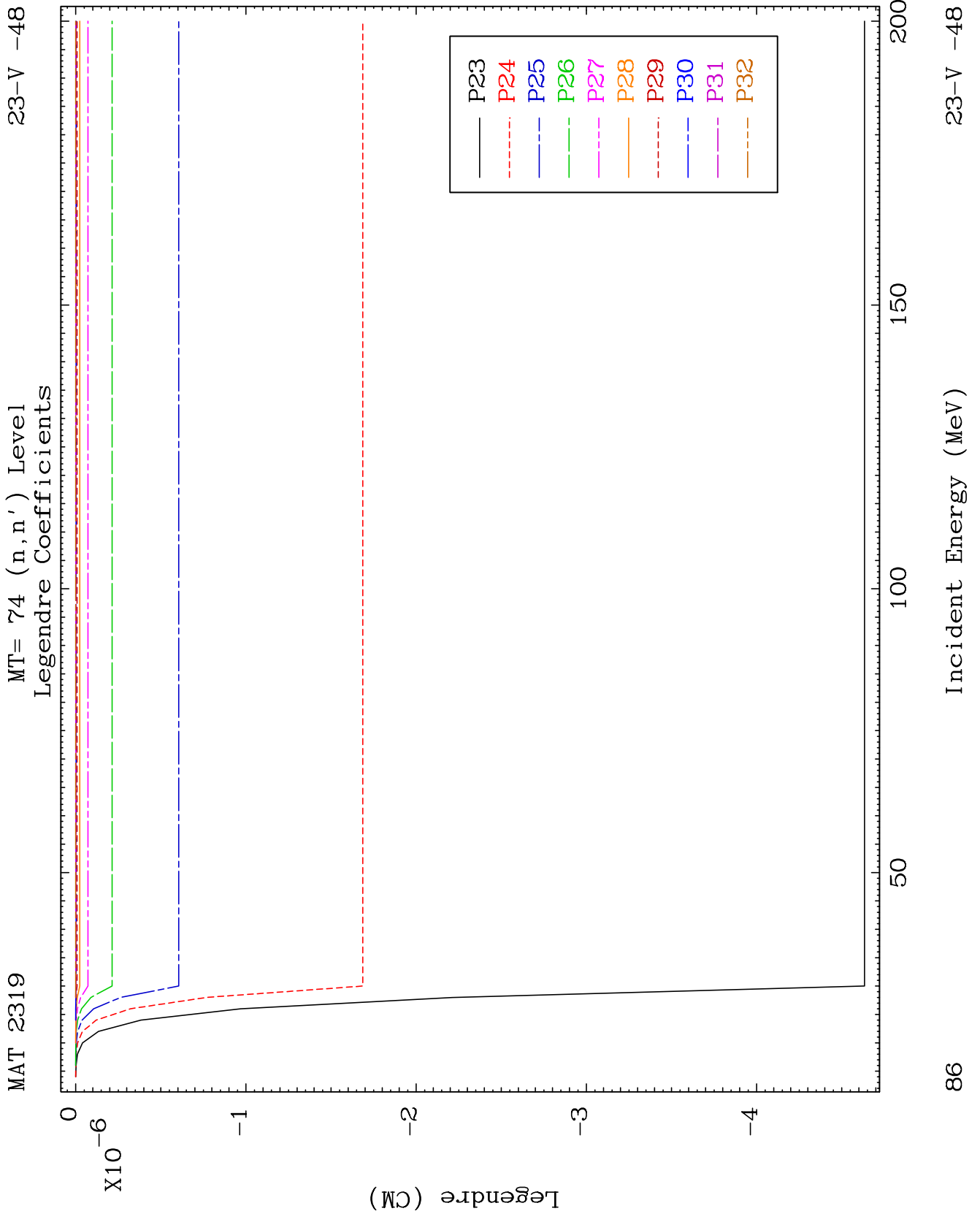


84

Incident Energy (MeV)

23-V -48

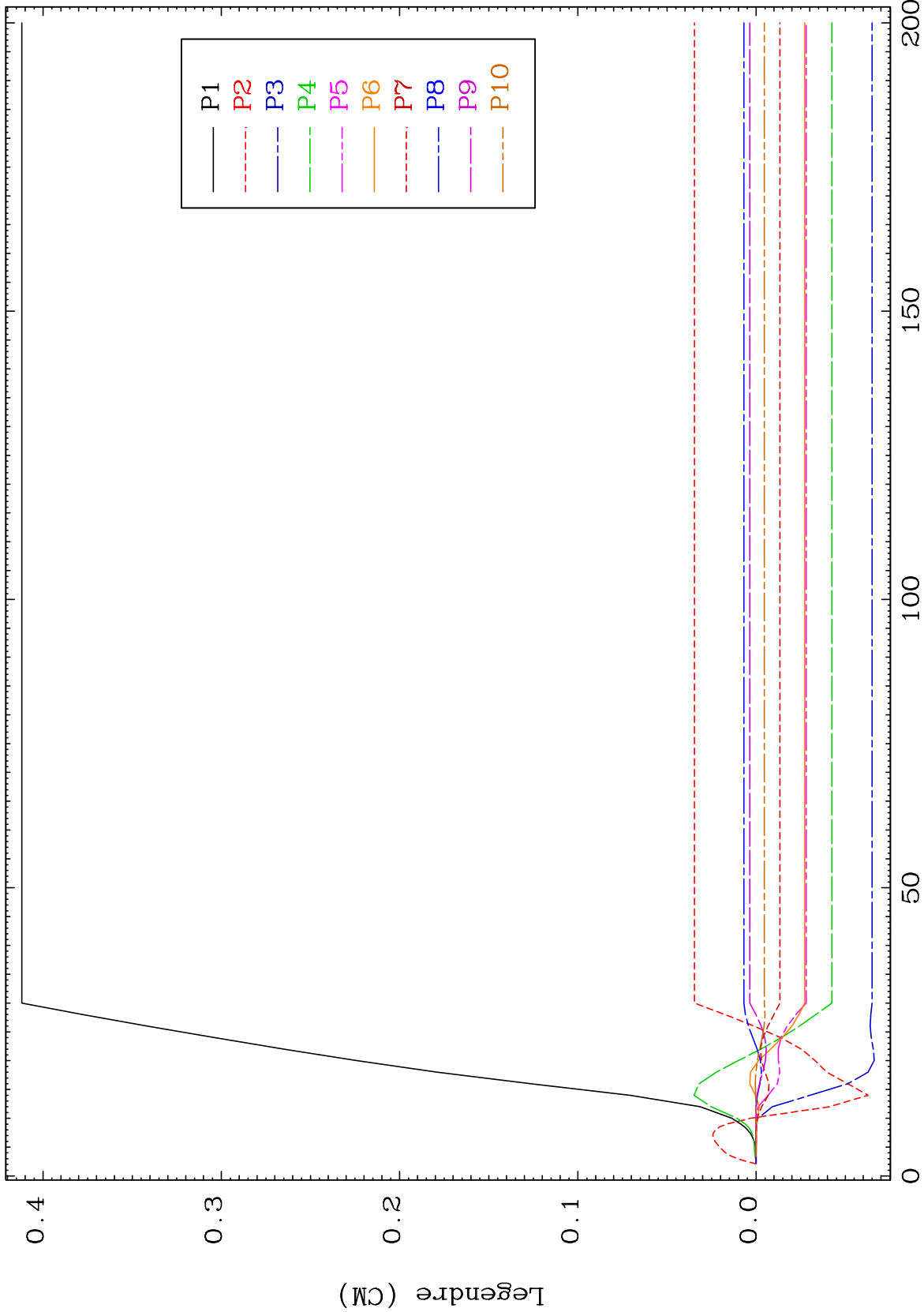




MAT 2319

MT= 75 (n,n') Level
Legendre Coefficients

23-V -48



87

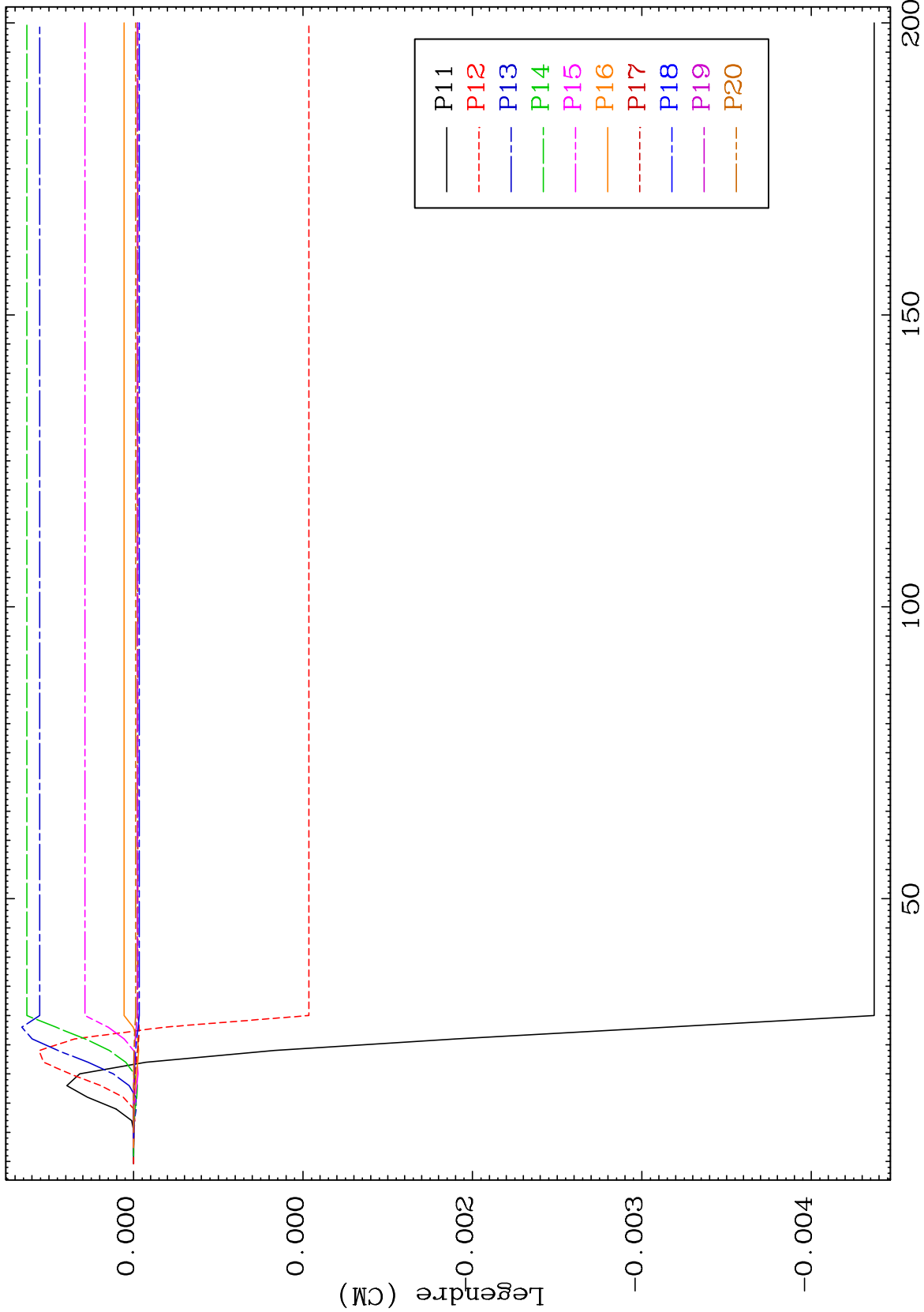
Incident Energy (MeV)

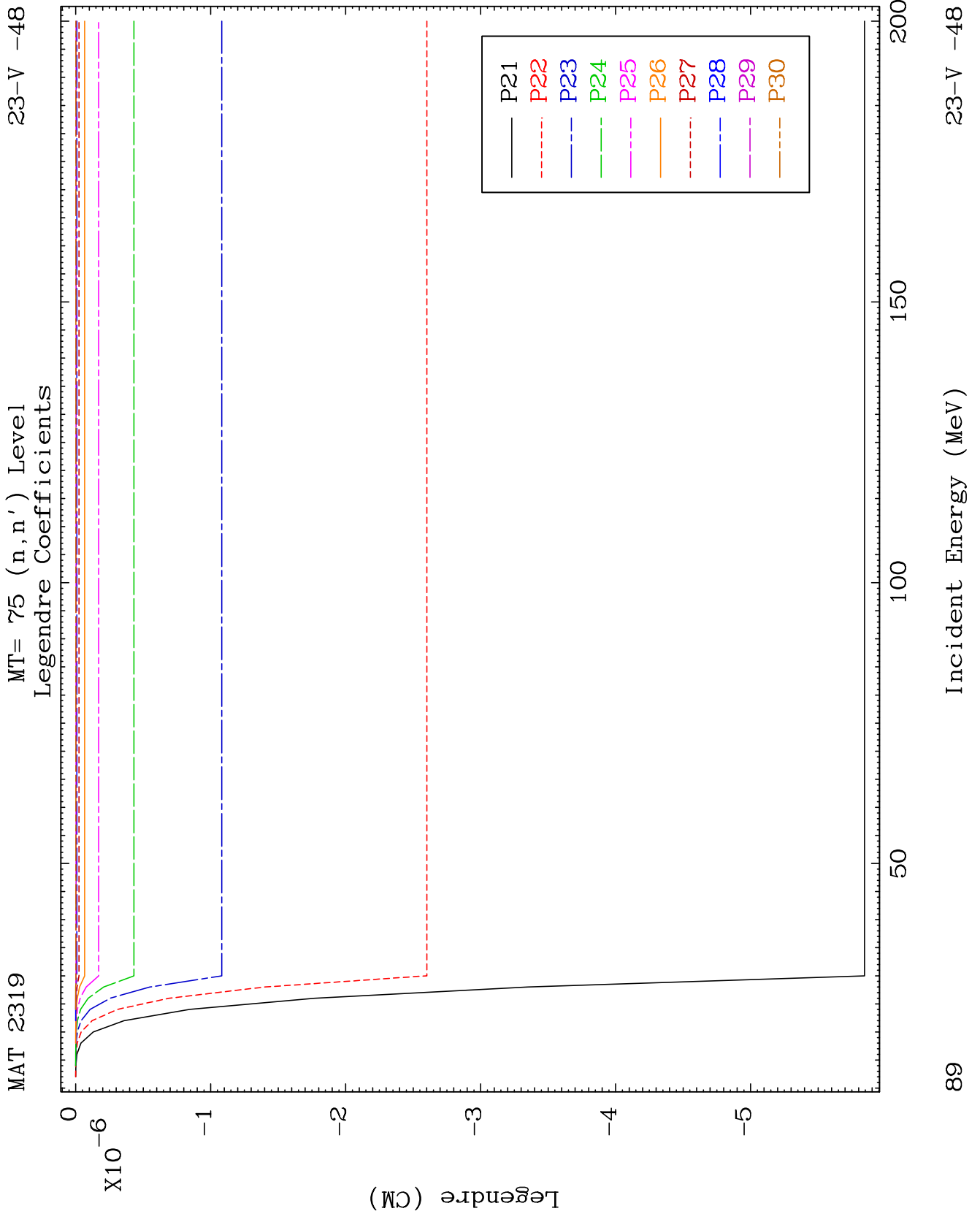
23-V -48

MAT 2319

MT= 75 (n,n') Level
Legendre Coefficients

23-V -48

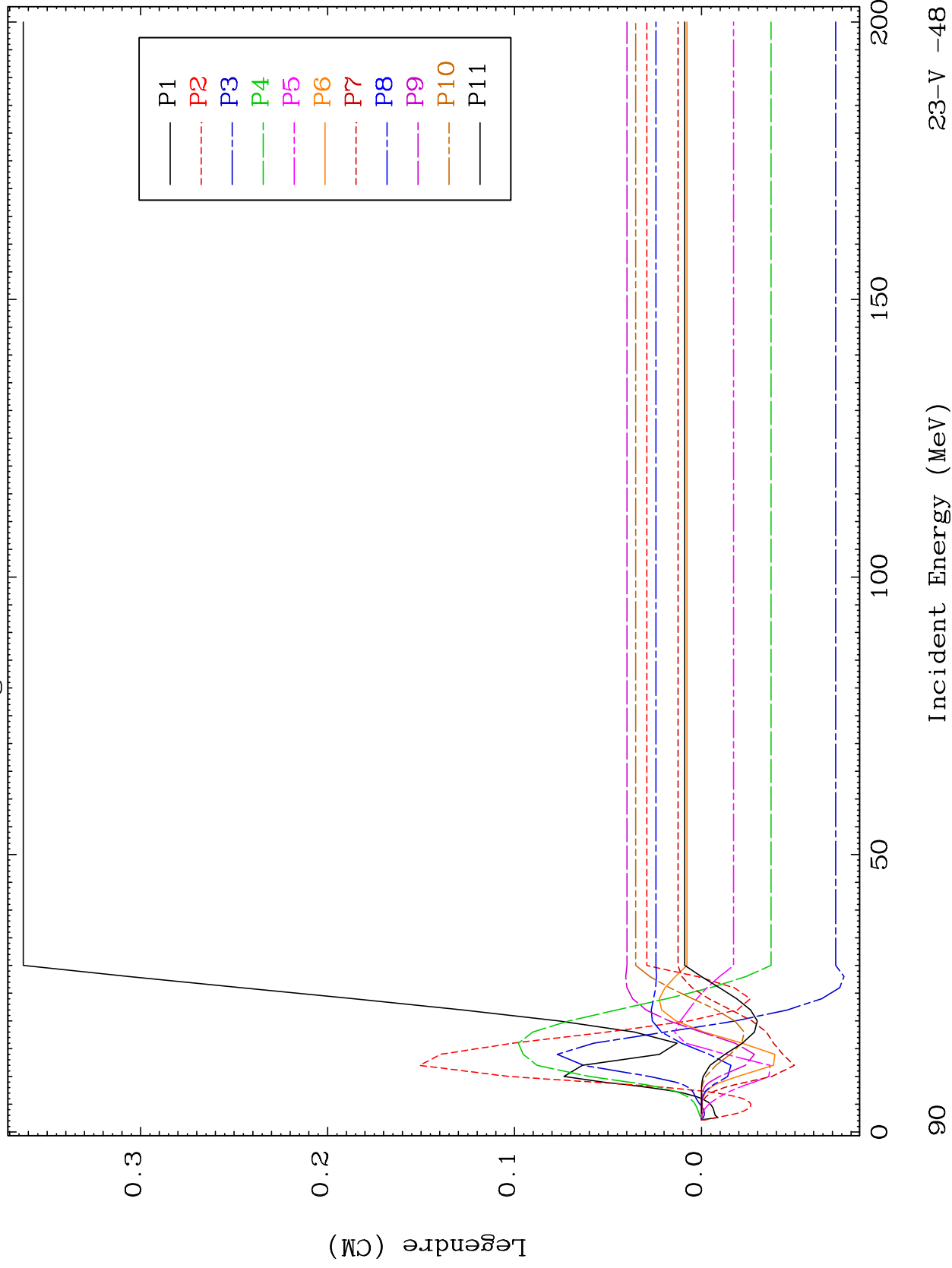




MAT 2319

MT= 76 (n,n') Level
Legendre Coefficients

23-V -48



23-V -48

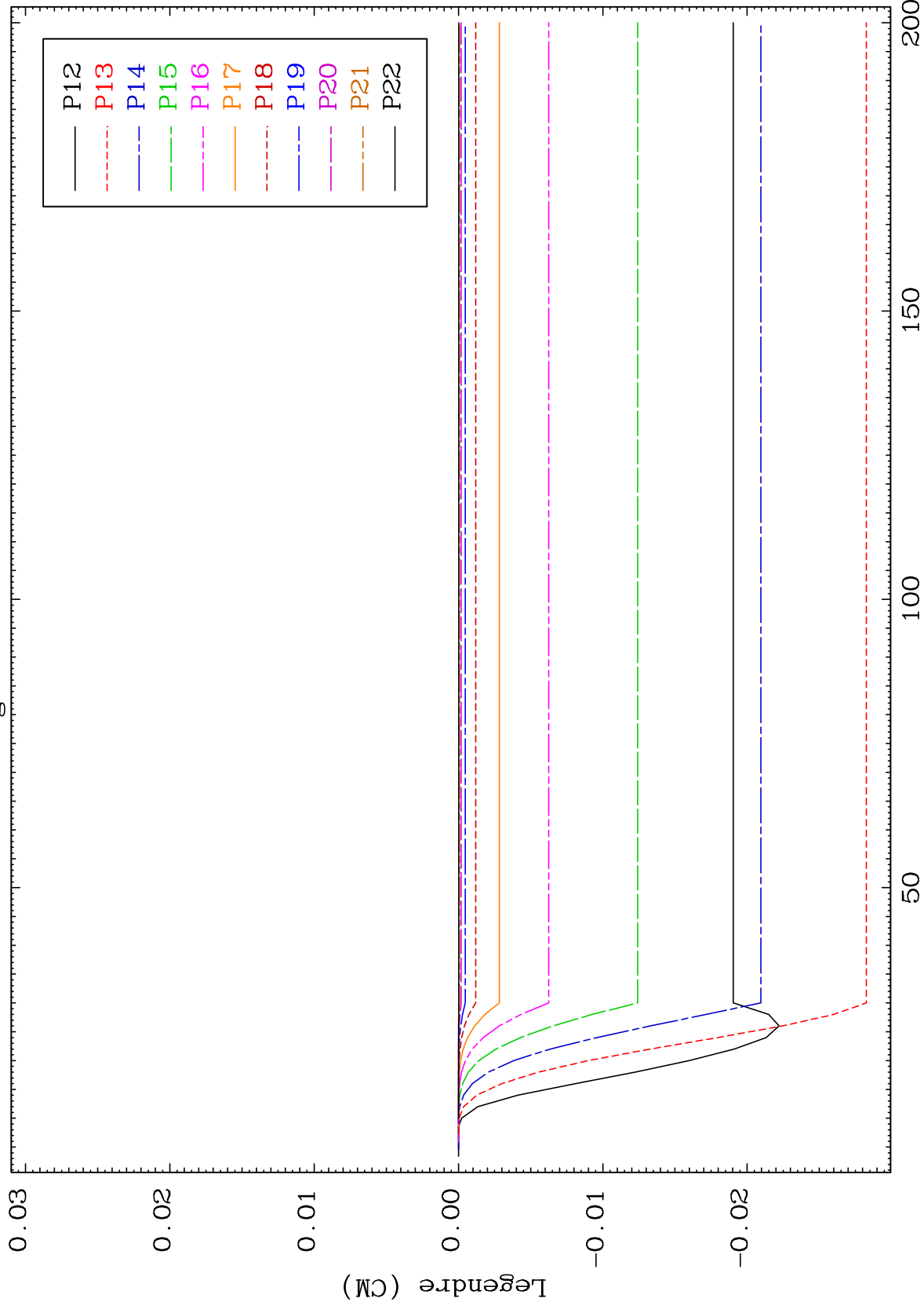
Incident Energy (MeV)

90

MAT 2319

MT= 76 (n,n') Level
Legendre Coefficients

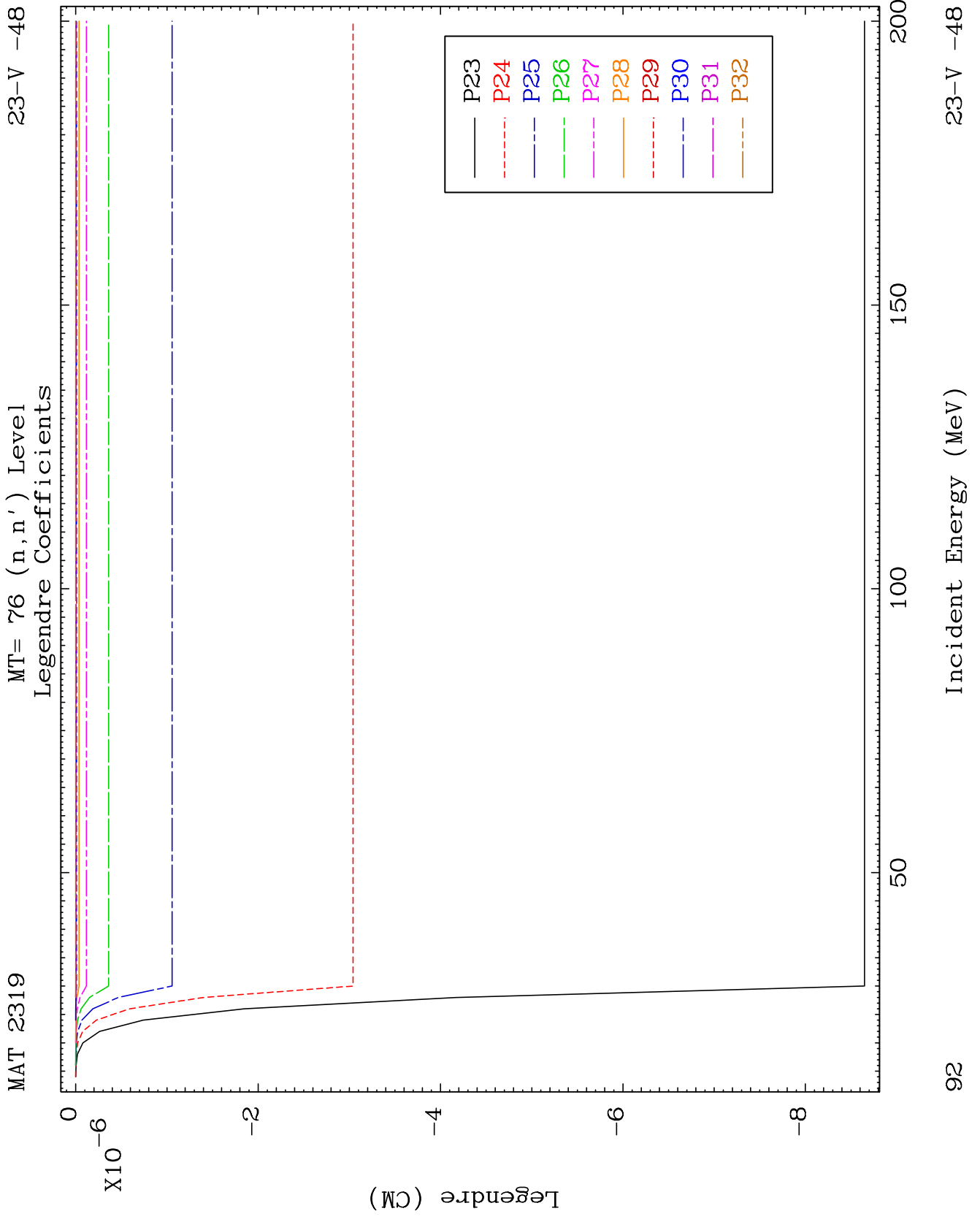
23-V -48



91

Incident Energy (MeV)

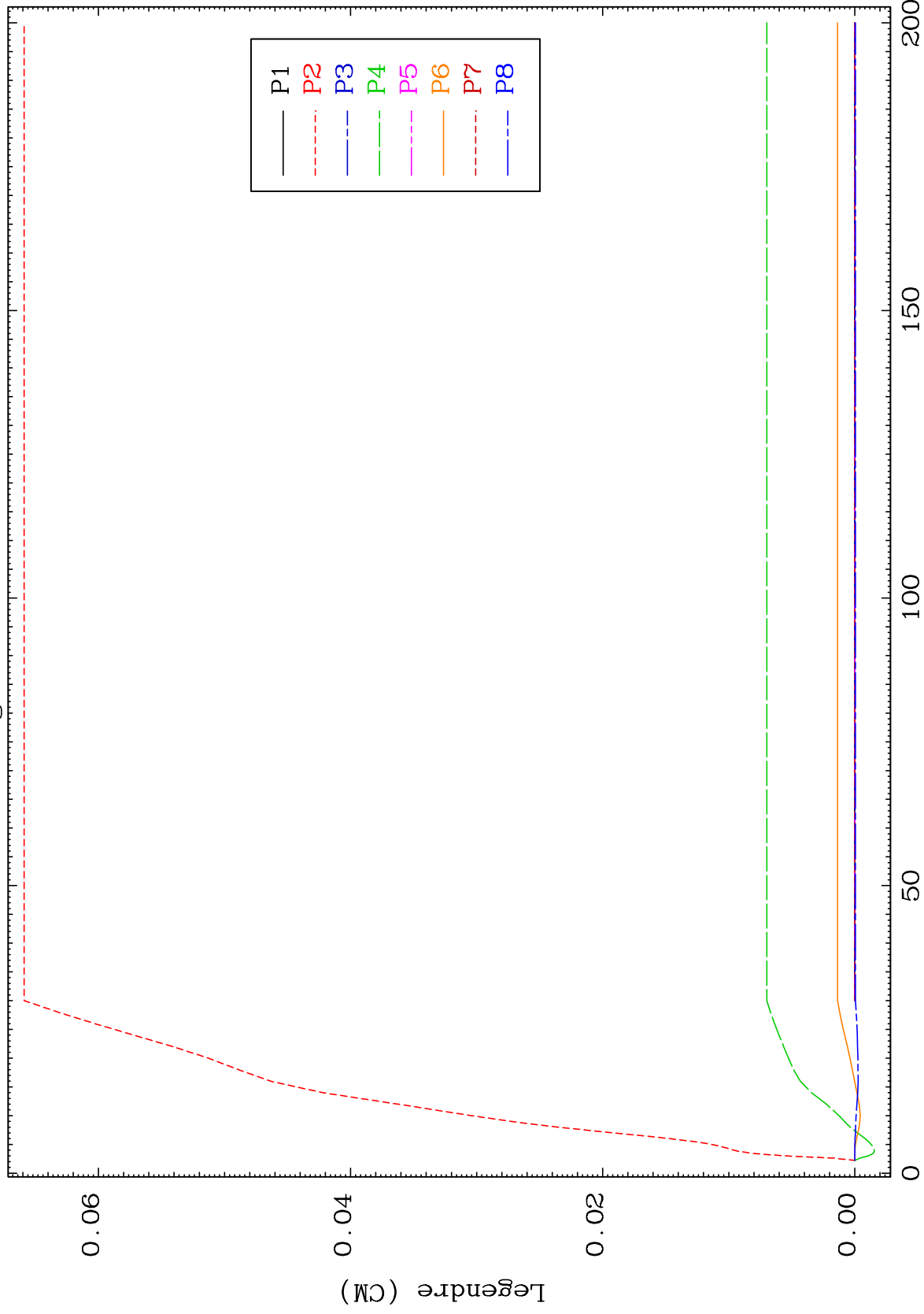
23-V -48



MAT 2319

MT= 77 (n,n') Level
Legendre Coefficients

23-V -48



93

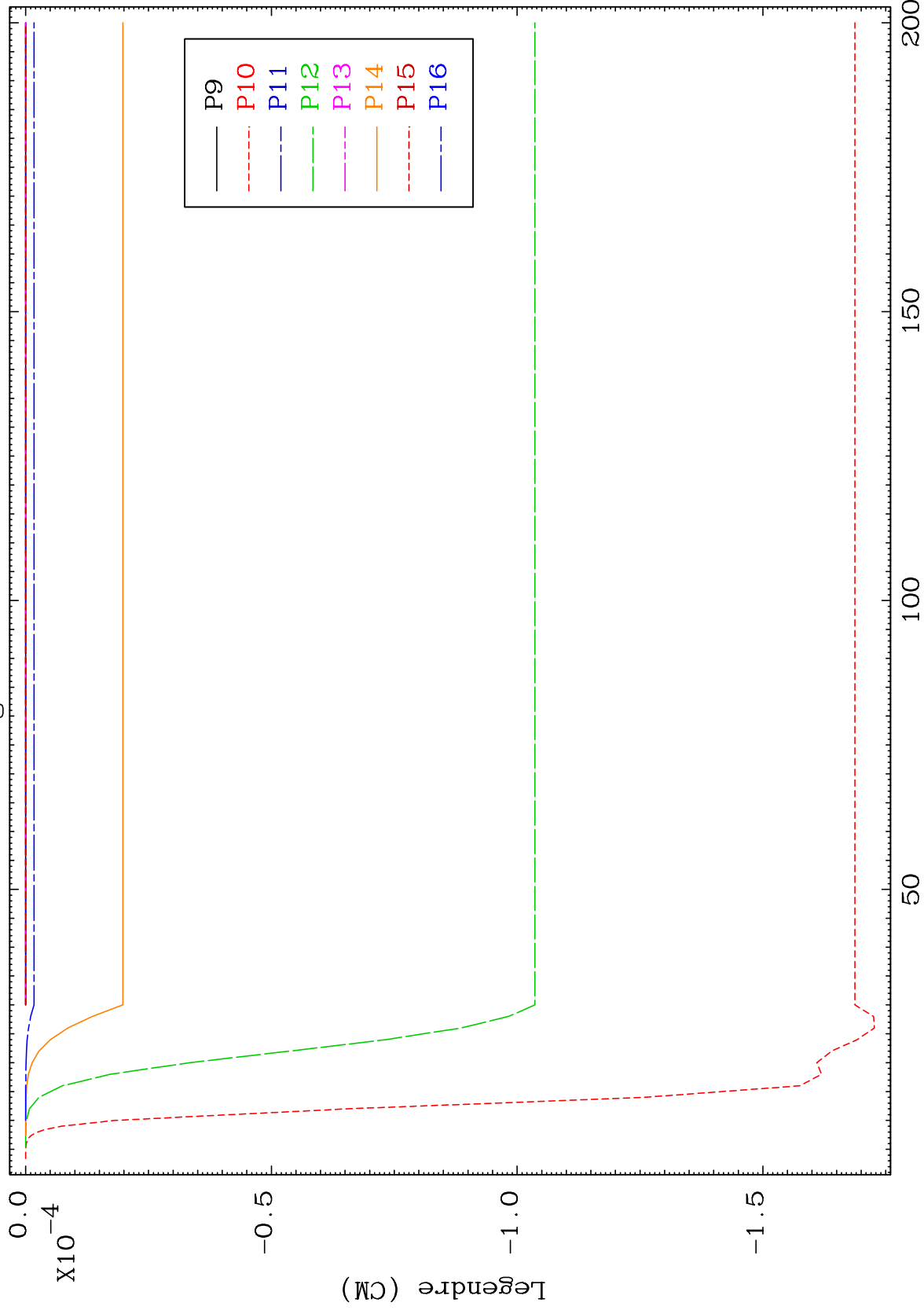
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 77 (n,n') Level
Legendre Coefficients

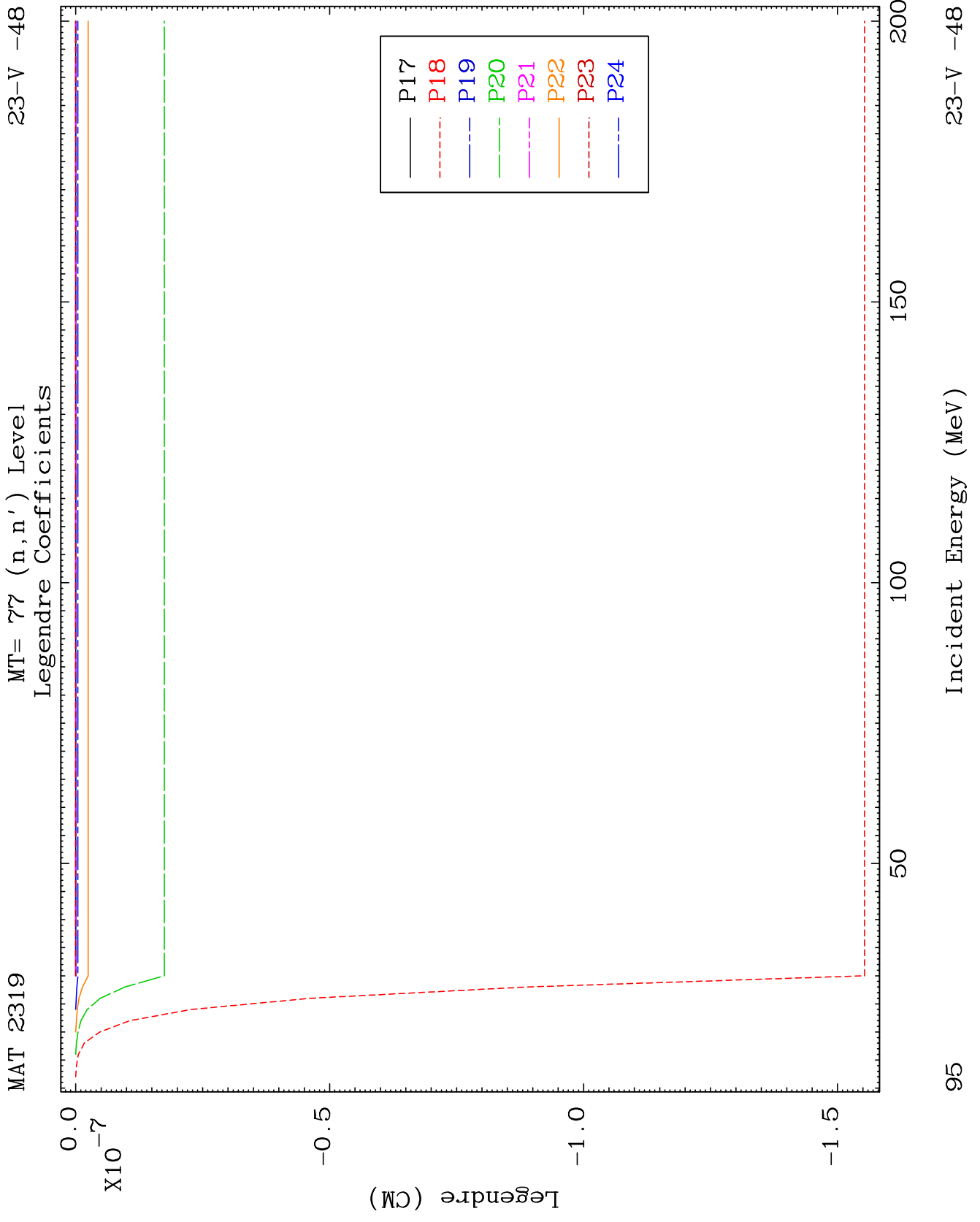
23-V -48

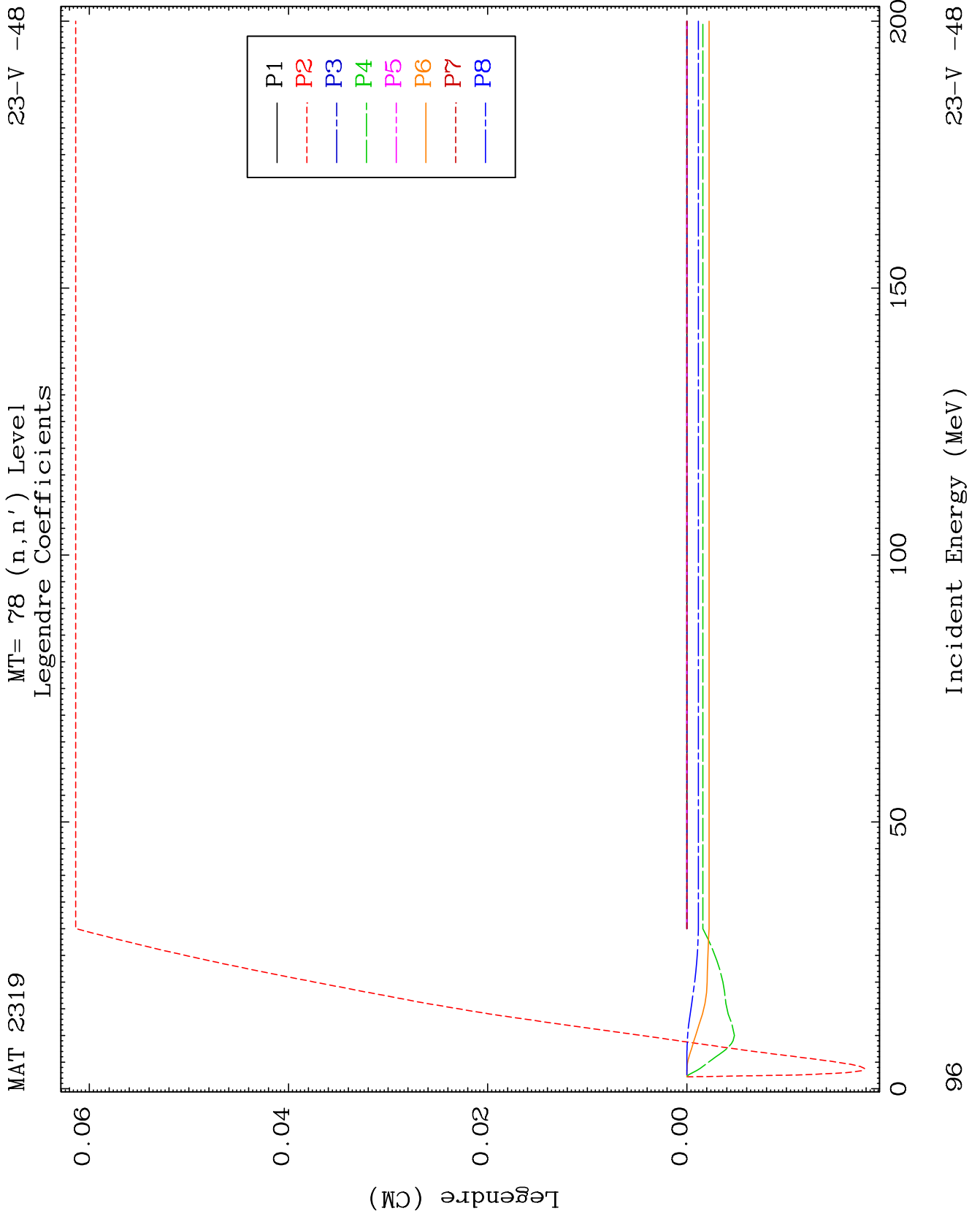


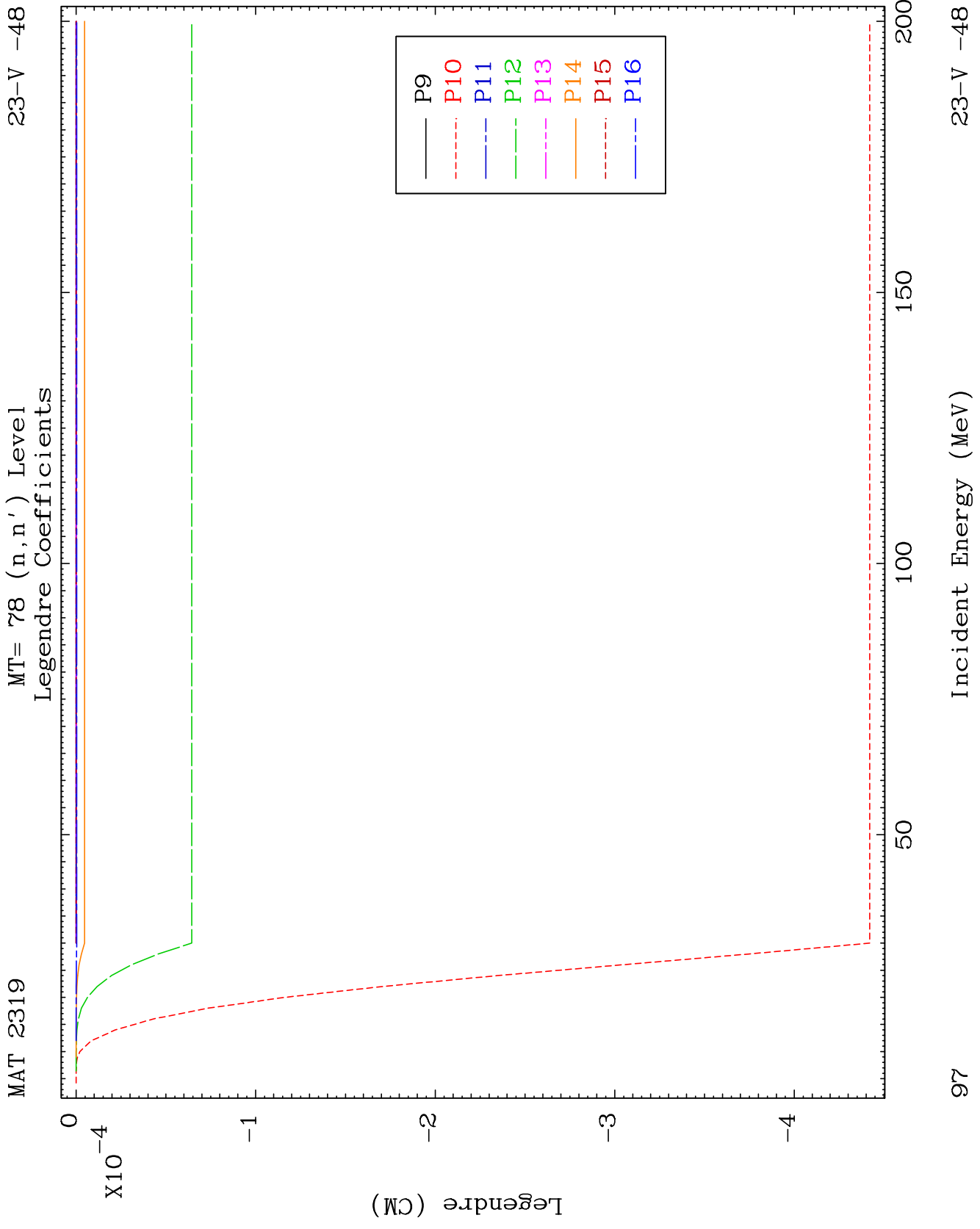
94

Incident Energy (MeV)

23-V -48



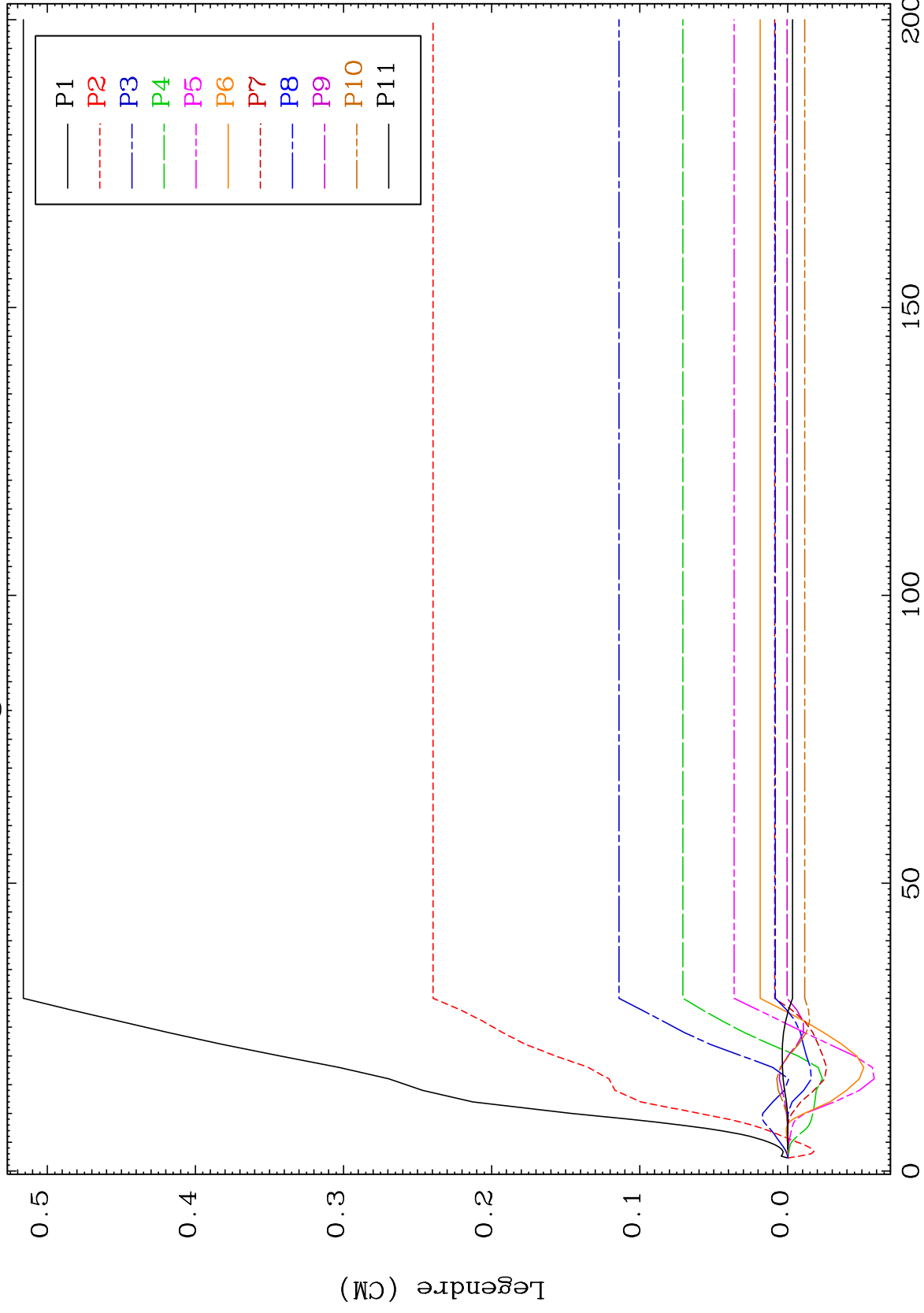




MAT 2319

MT= 79 (n,n') Level
Legendre Coefficients

23-V -48



99

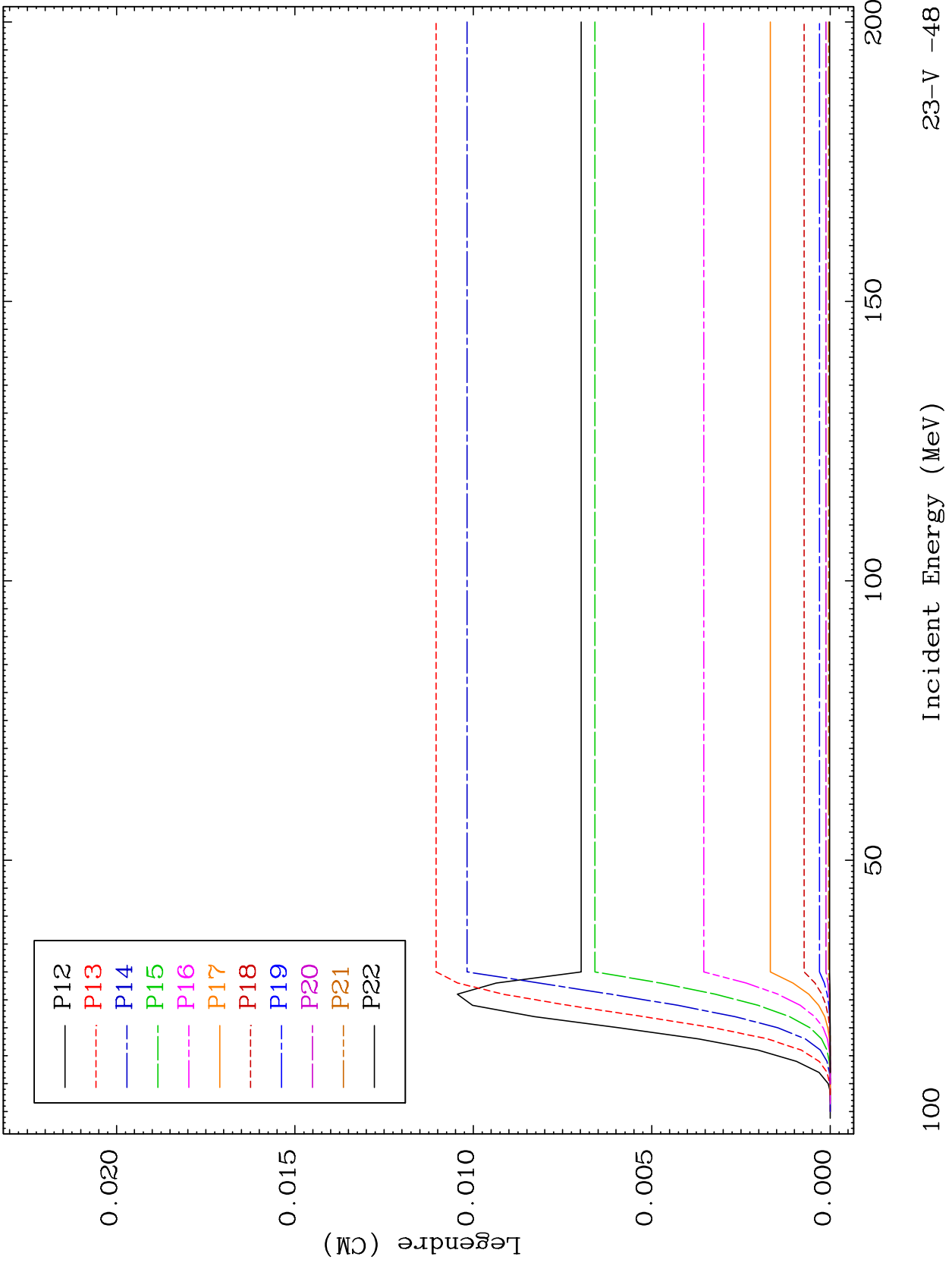
Incident Energy (MeV)

23-V -48

MAT 2319

MT= 79 (n,n') Level
Legendre Coefficients

23-V -48



100

50

100

150

200

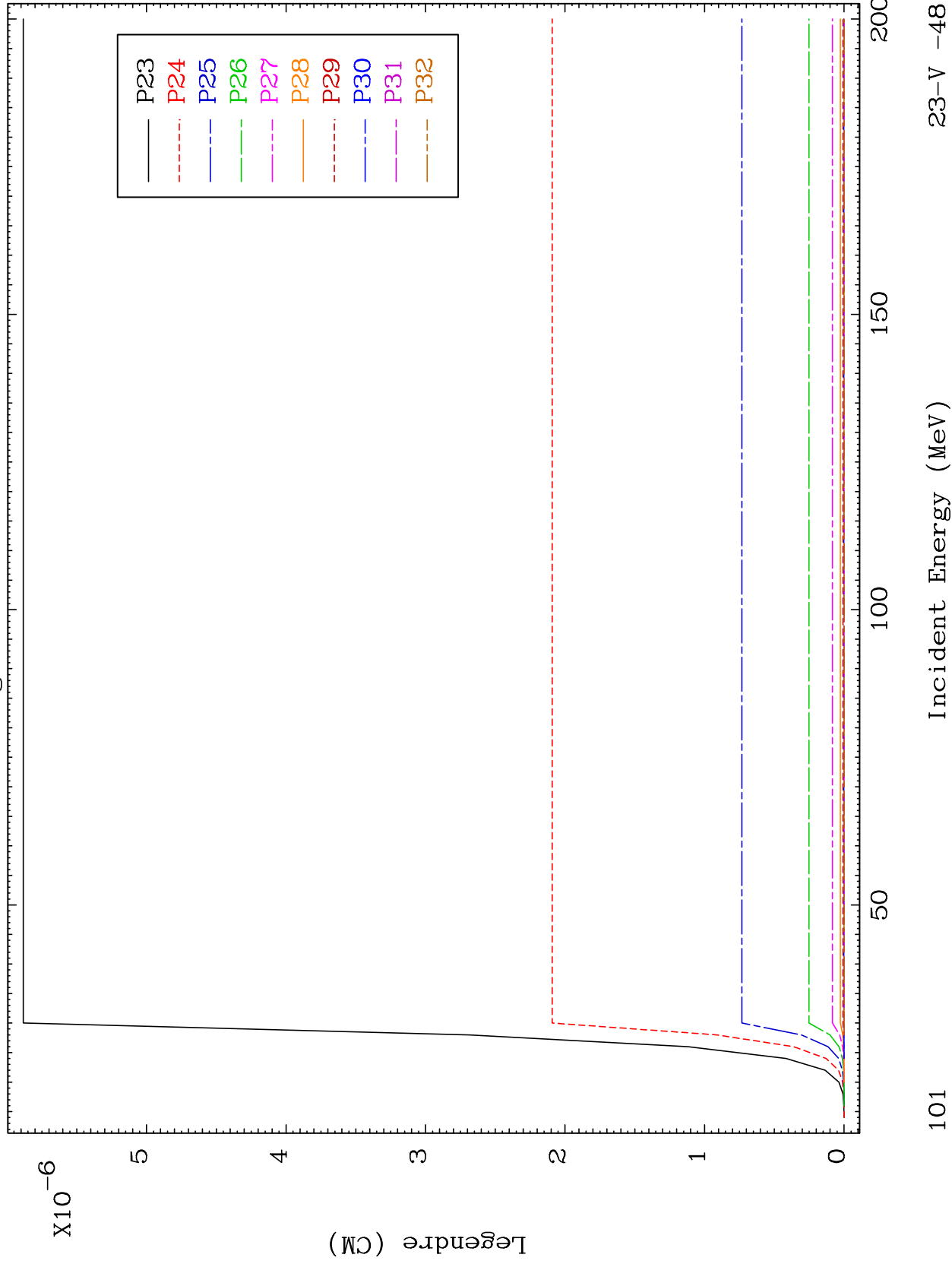
23-V -48

Incident Energy (MeV)

MAT 2319

MT= 79 (n,n') Level
Legendre Coefficients

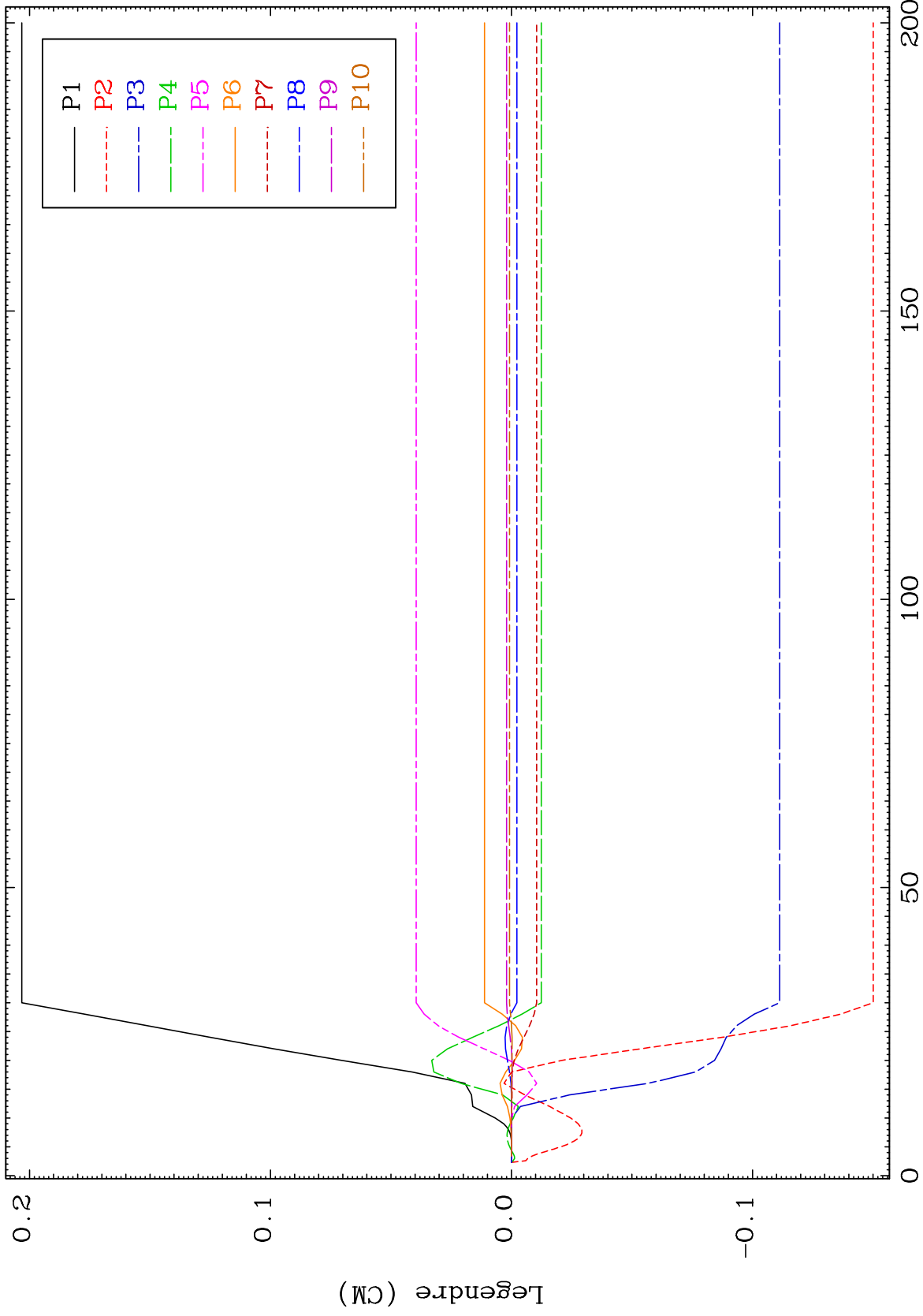
23-V -48



MAT 2319

MT= 80 (n,n') Level
Legendre Coefficients

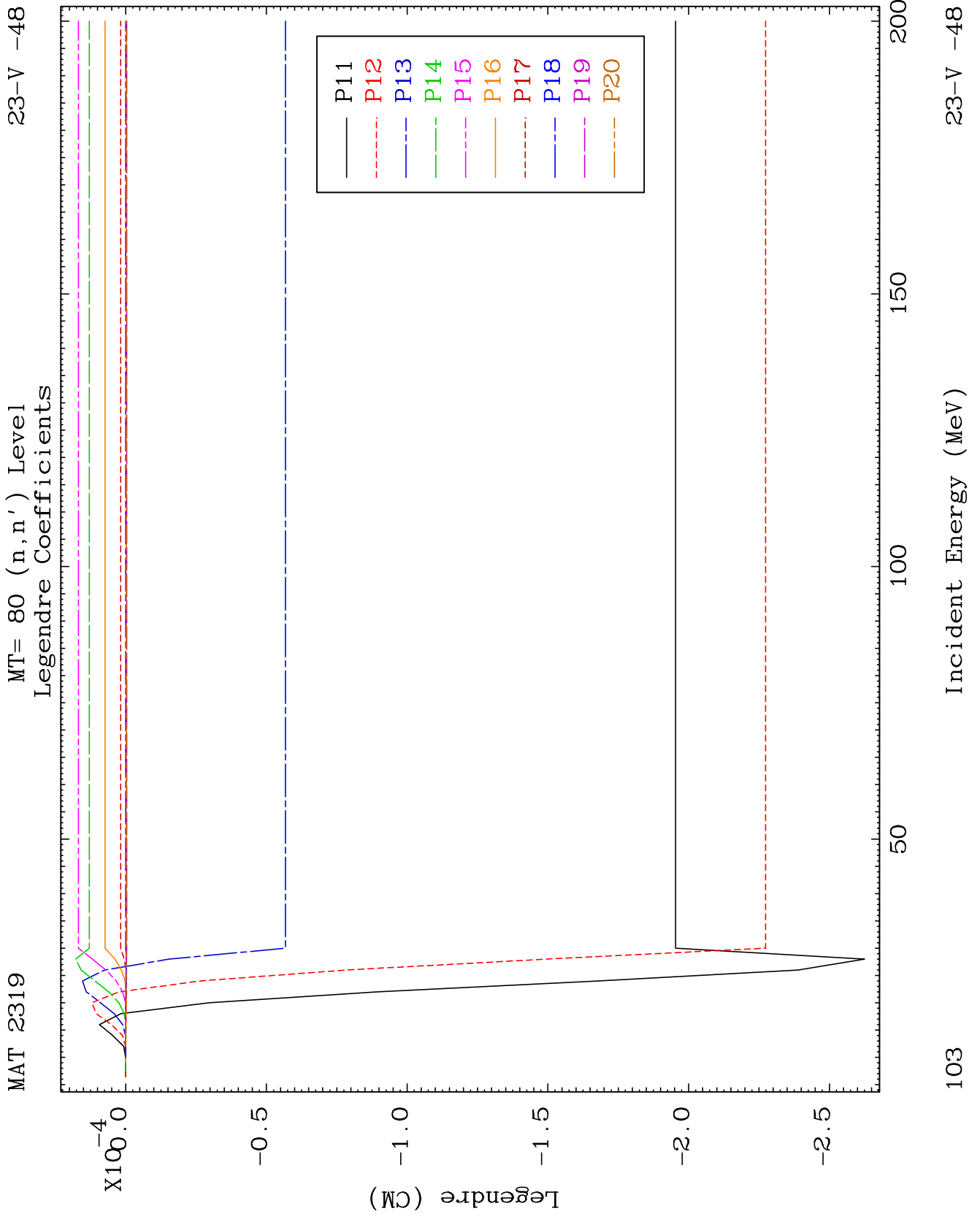
23-V -48

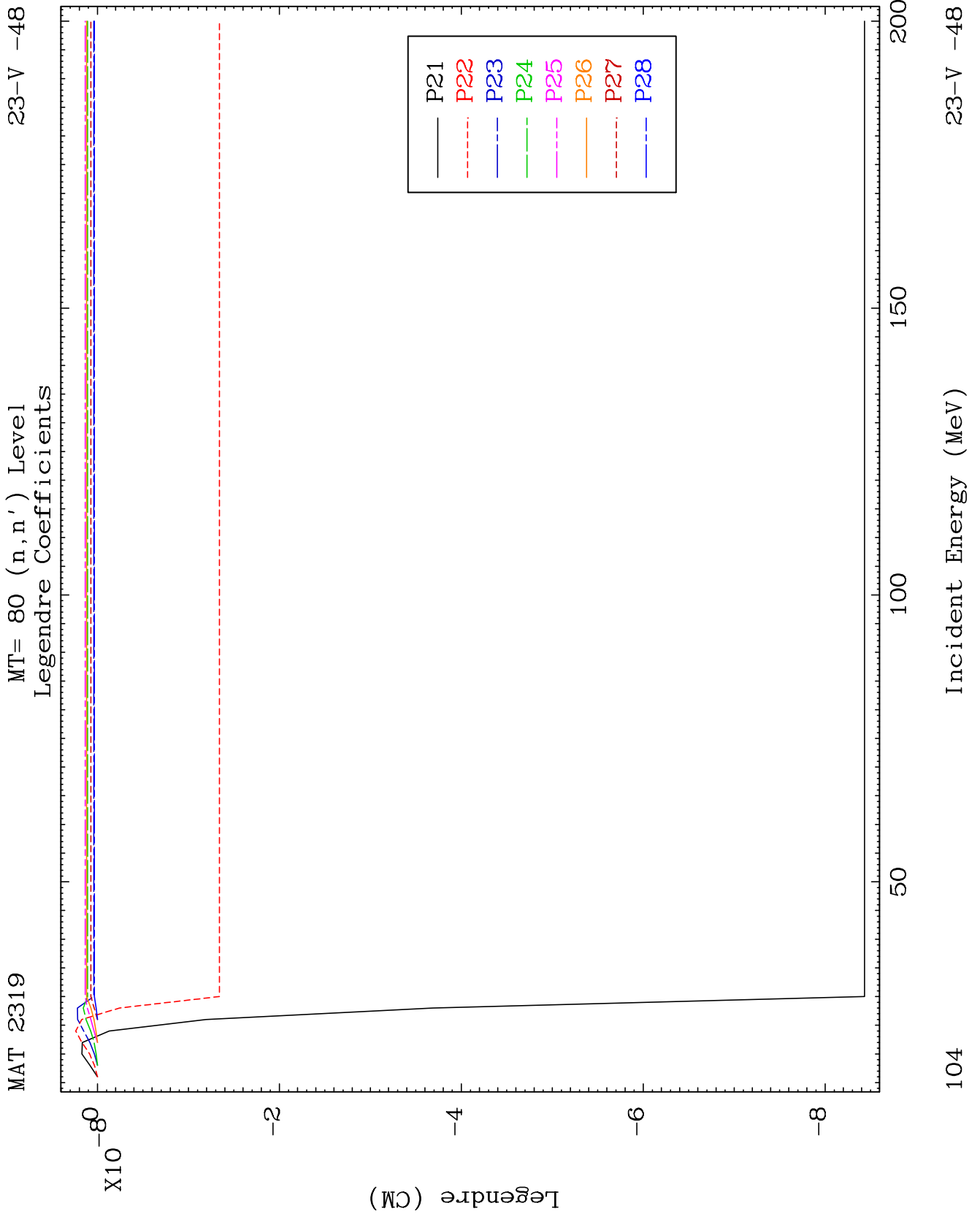


102

Incident Energy (MeV)

23-V -48



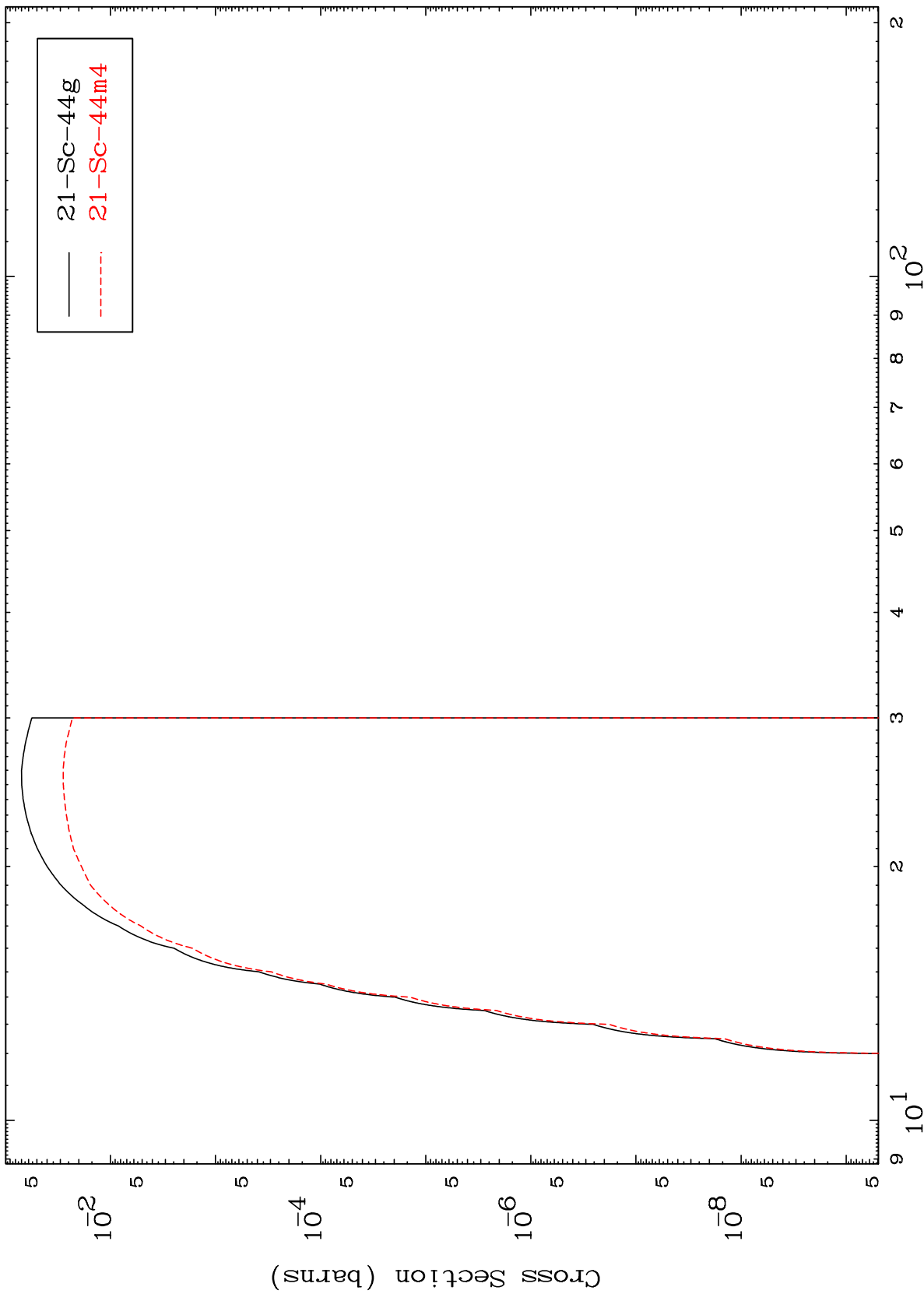


MAT 2319

(n, n') α

23-V -48

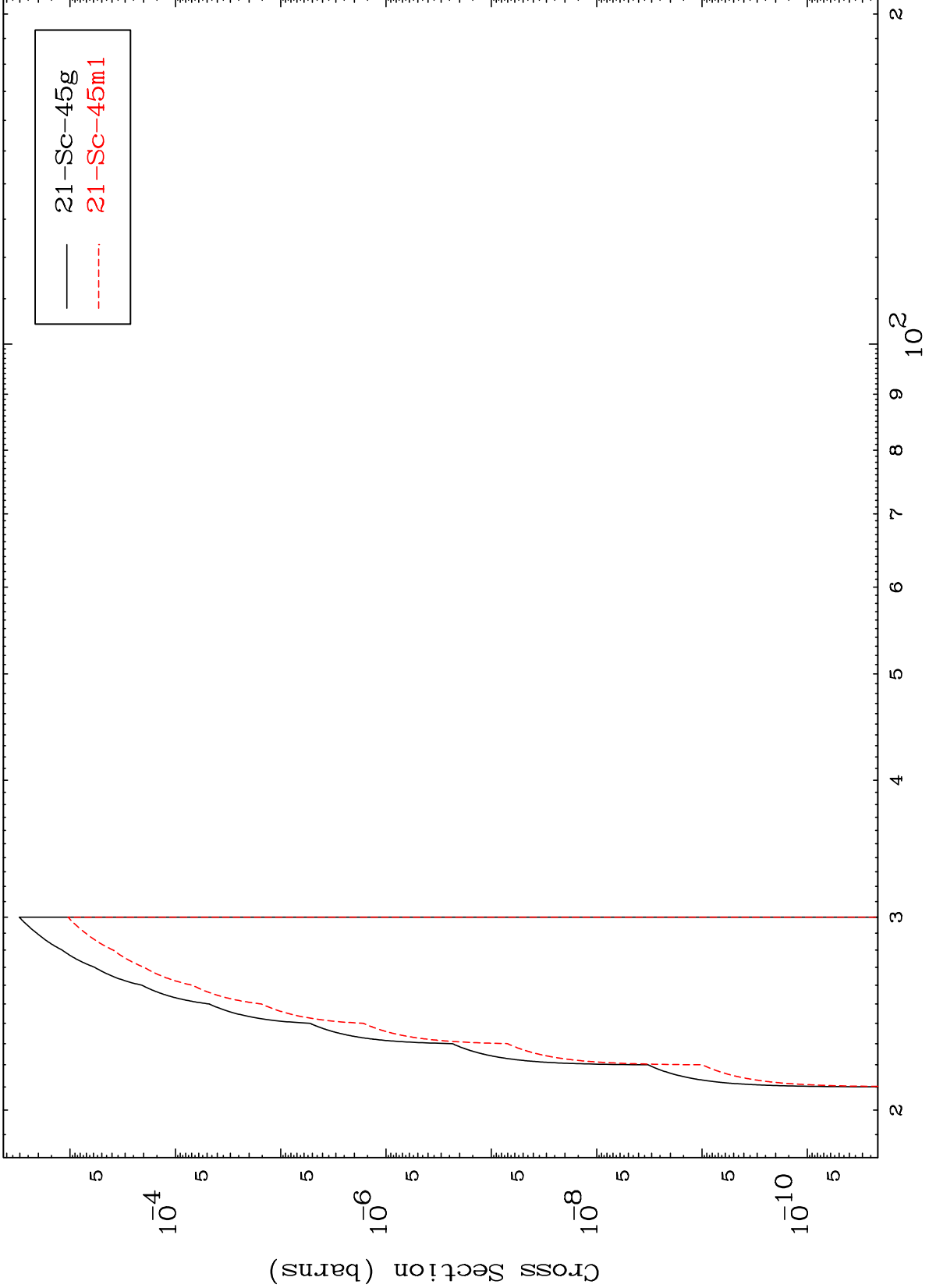
Radionuclide Production Cross Section



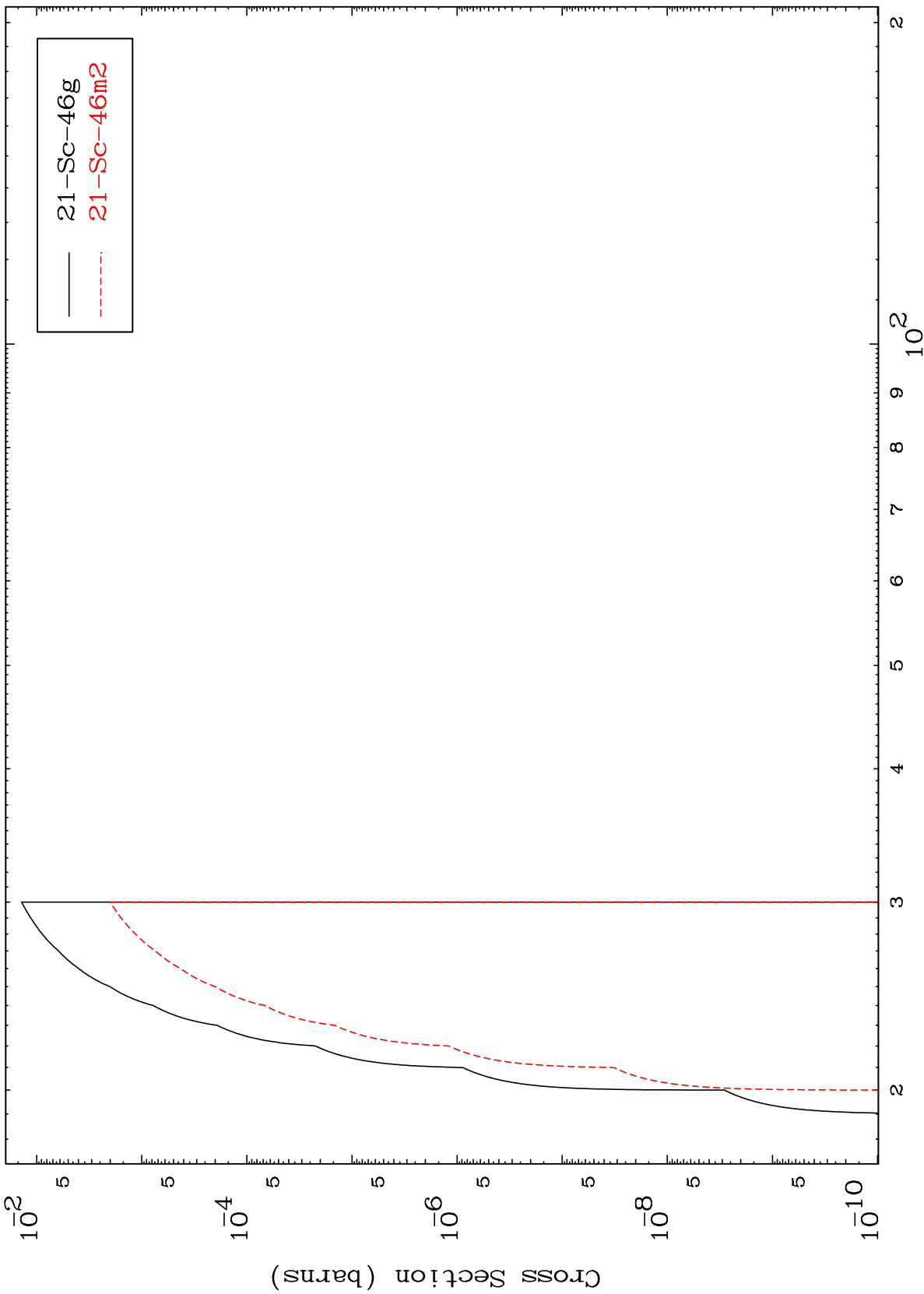
Incident Energy (MeV)

23-V -48

Radionuclide Production Cross Section



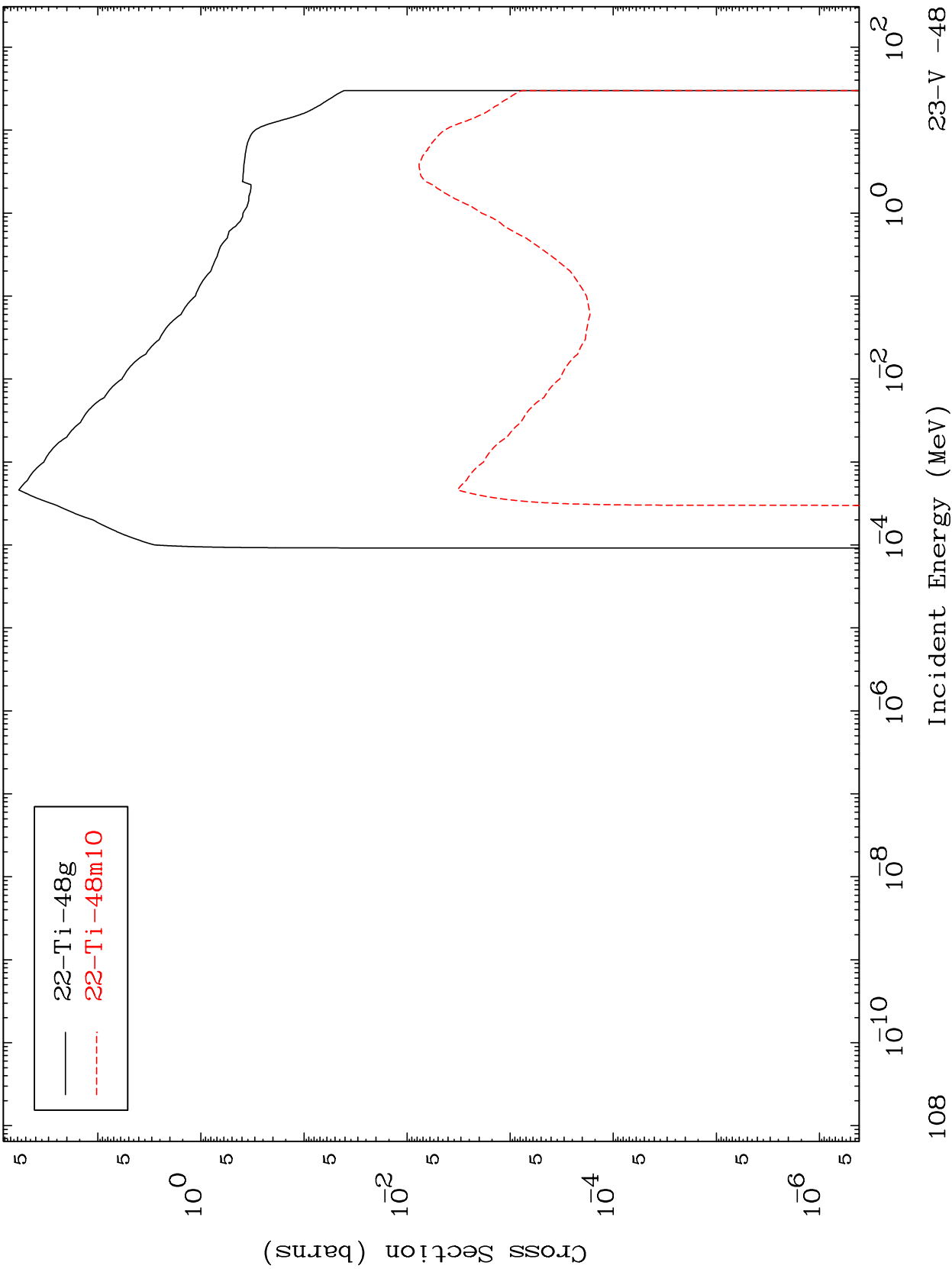
Radionuclide Production Cross Section



MAT 2319

23-V -48

(n,p)
Radionuclide Production Cross Section



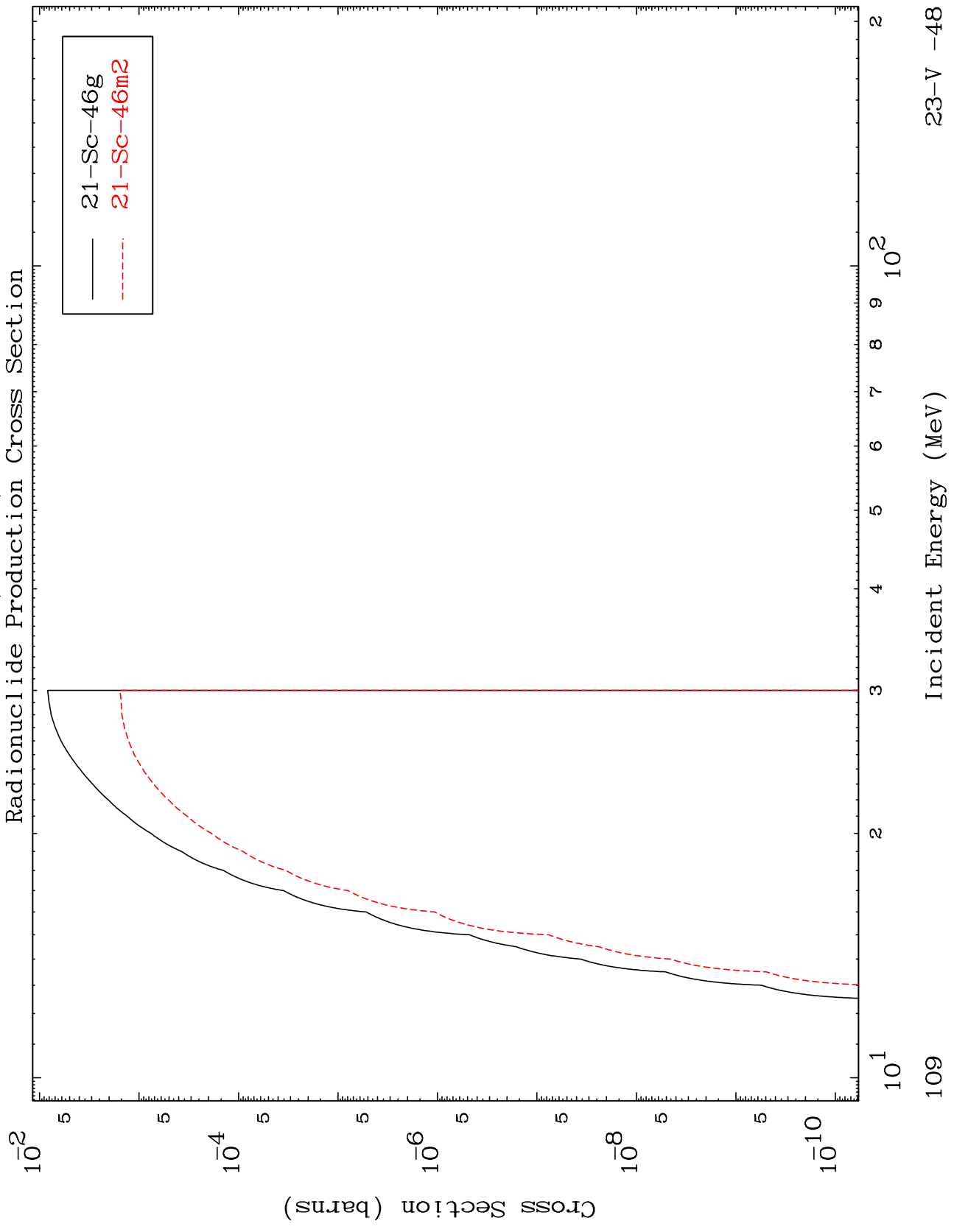
108

23-V -48

MAT 2319

(n,He-3)

23-V -48



109

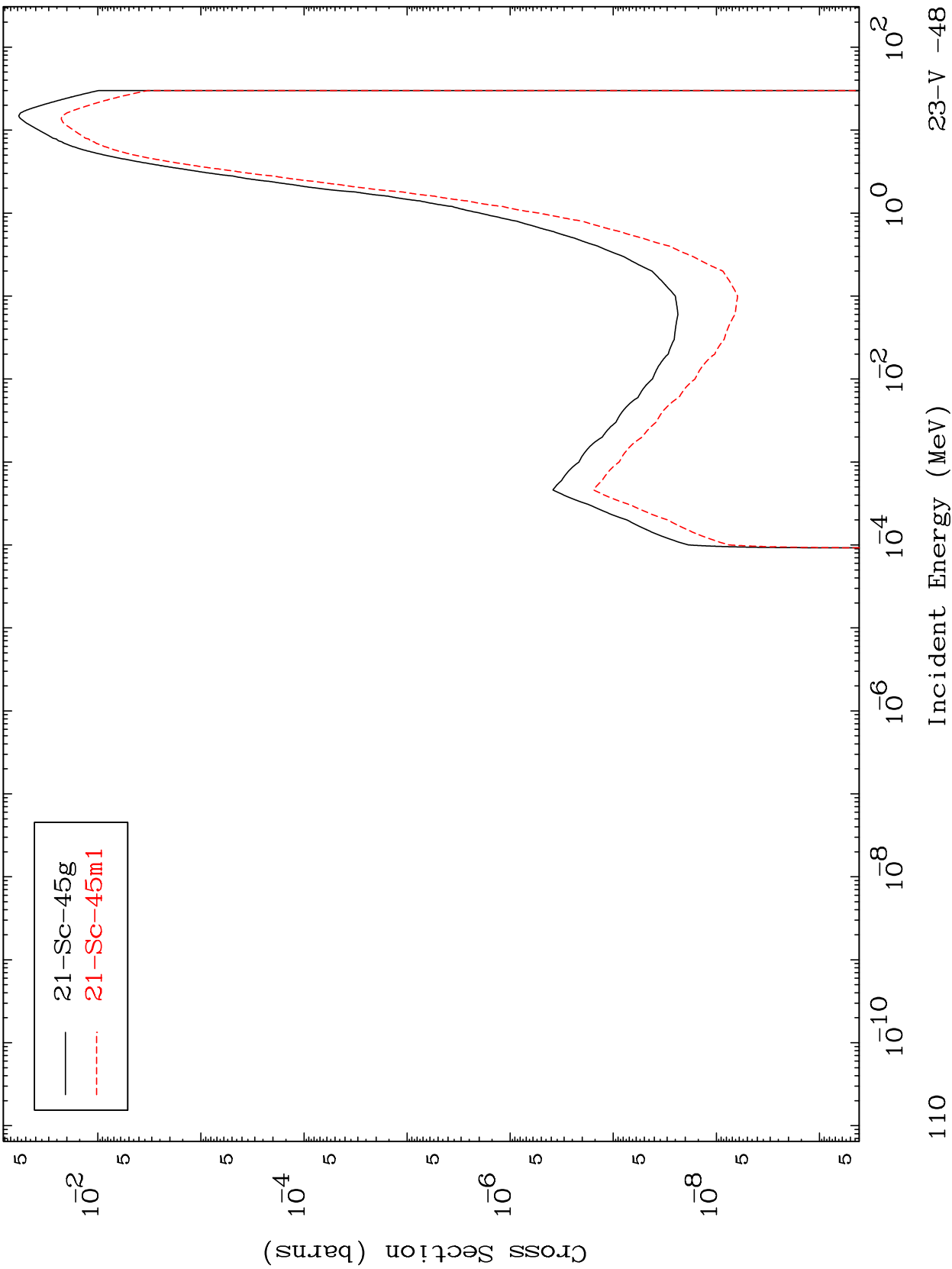
109

23-V -48

MAT 2319

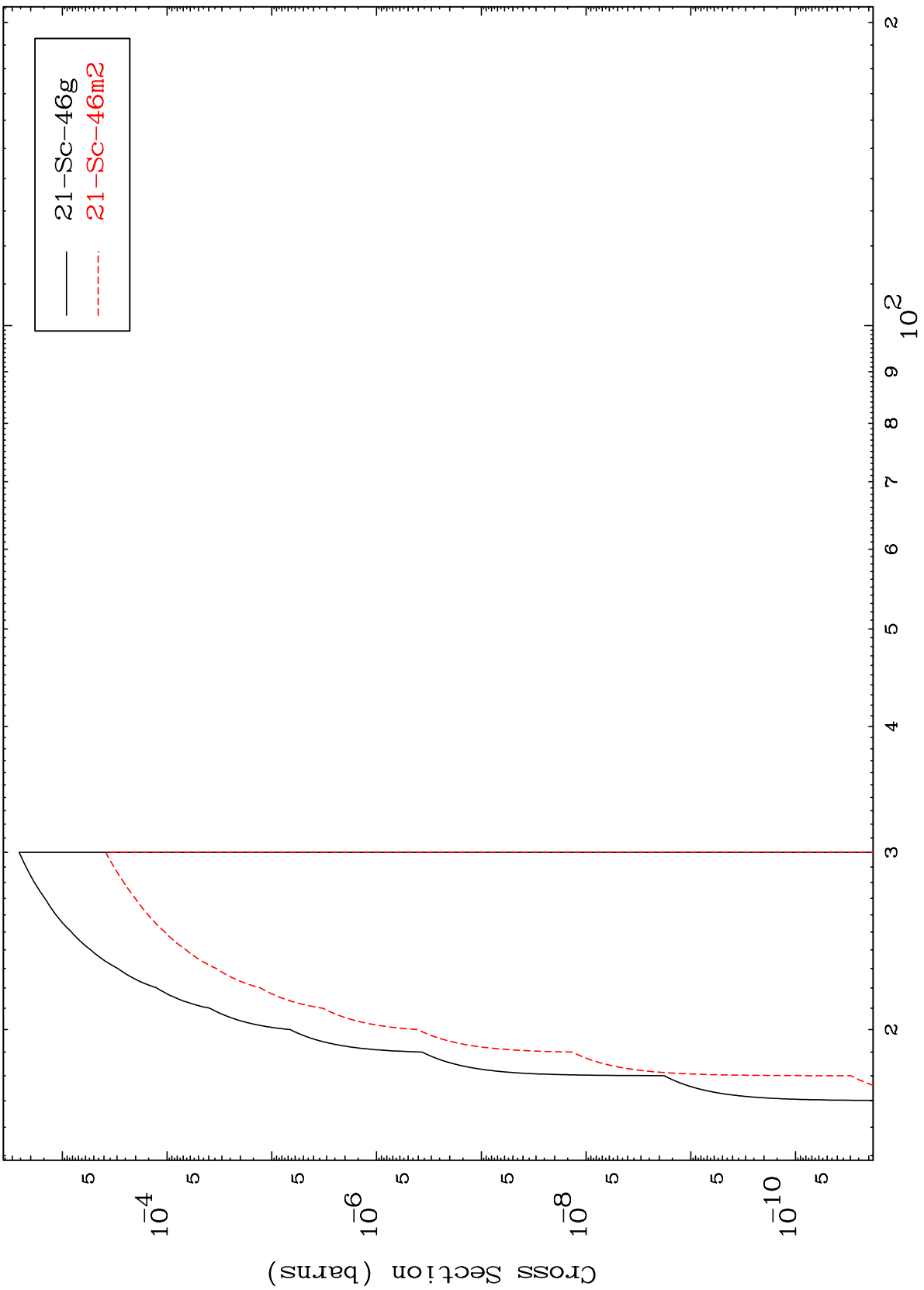
23-V -48

Radionuclide Production Cross Section



110

Radionuclide Production Cross Section



Radionuclide Production Cross Section

