

Program EVALPLOT
(Version 2021-1)

by

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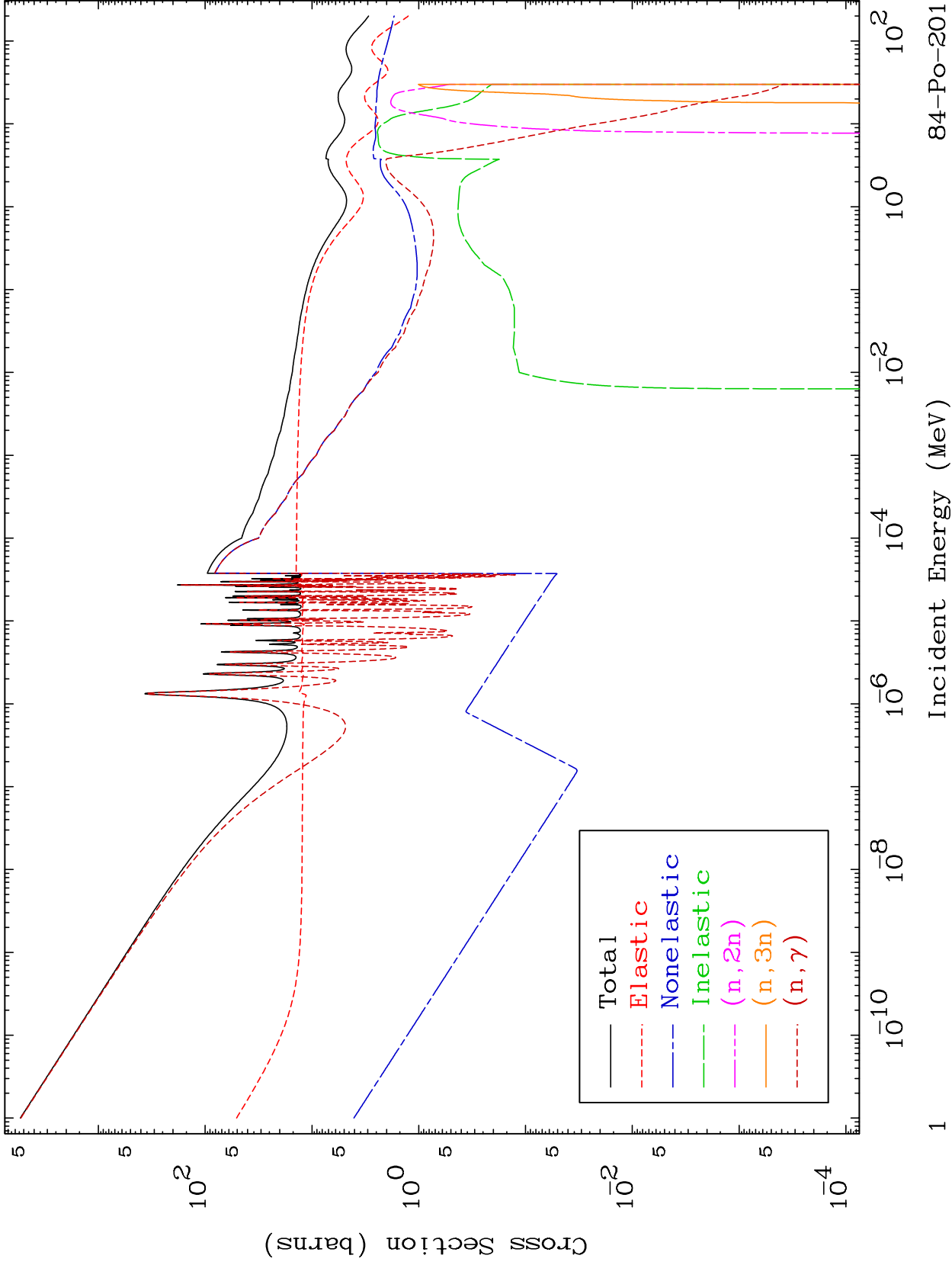
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8410

Neutron Major
293 Kelvin Cross Sections

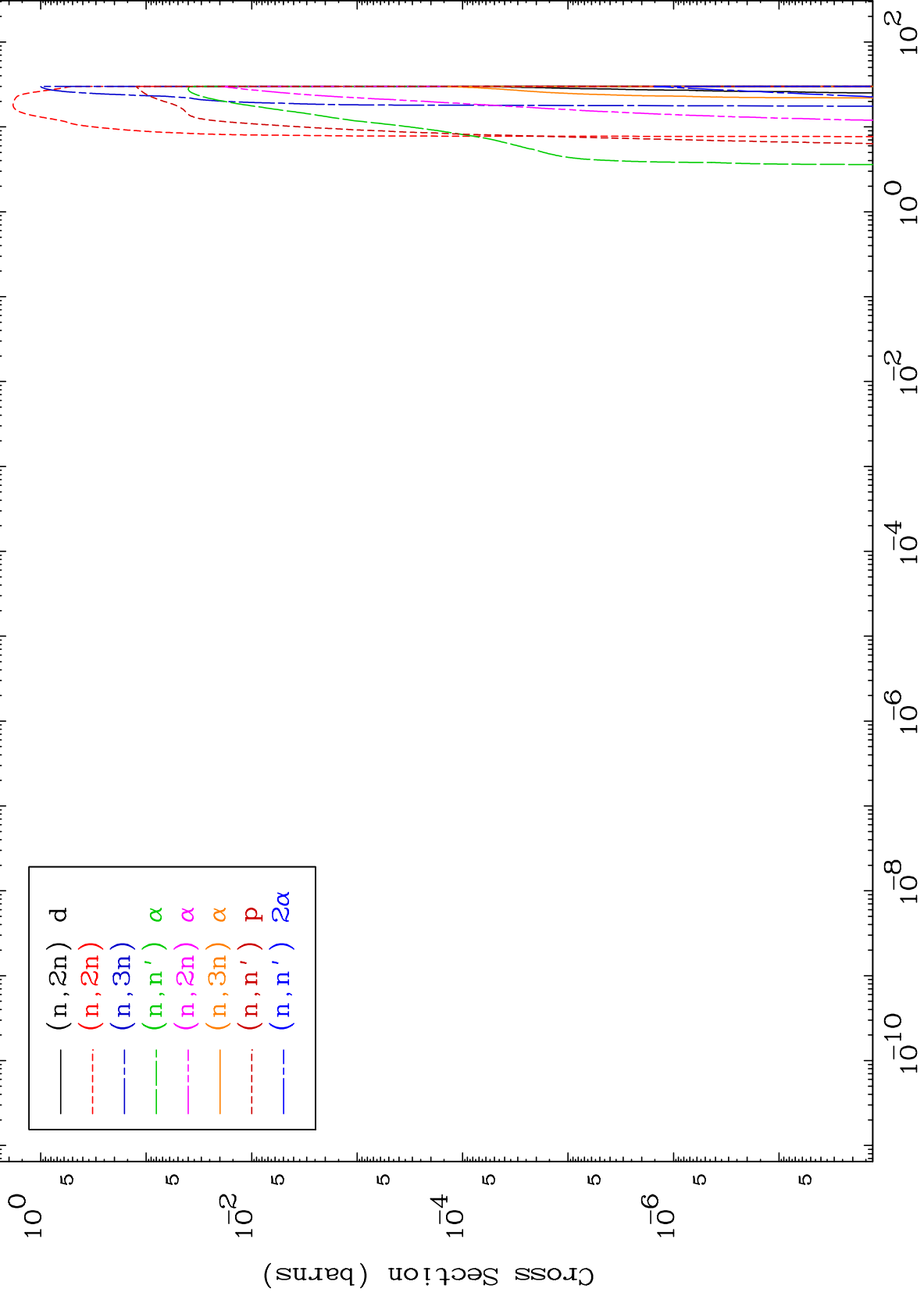
84-Po-201



MAT 8410

Neutron Absorption
293 Kelvin Cross Sections

84-Po-201



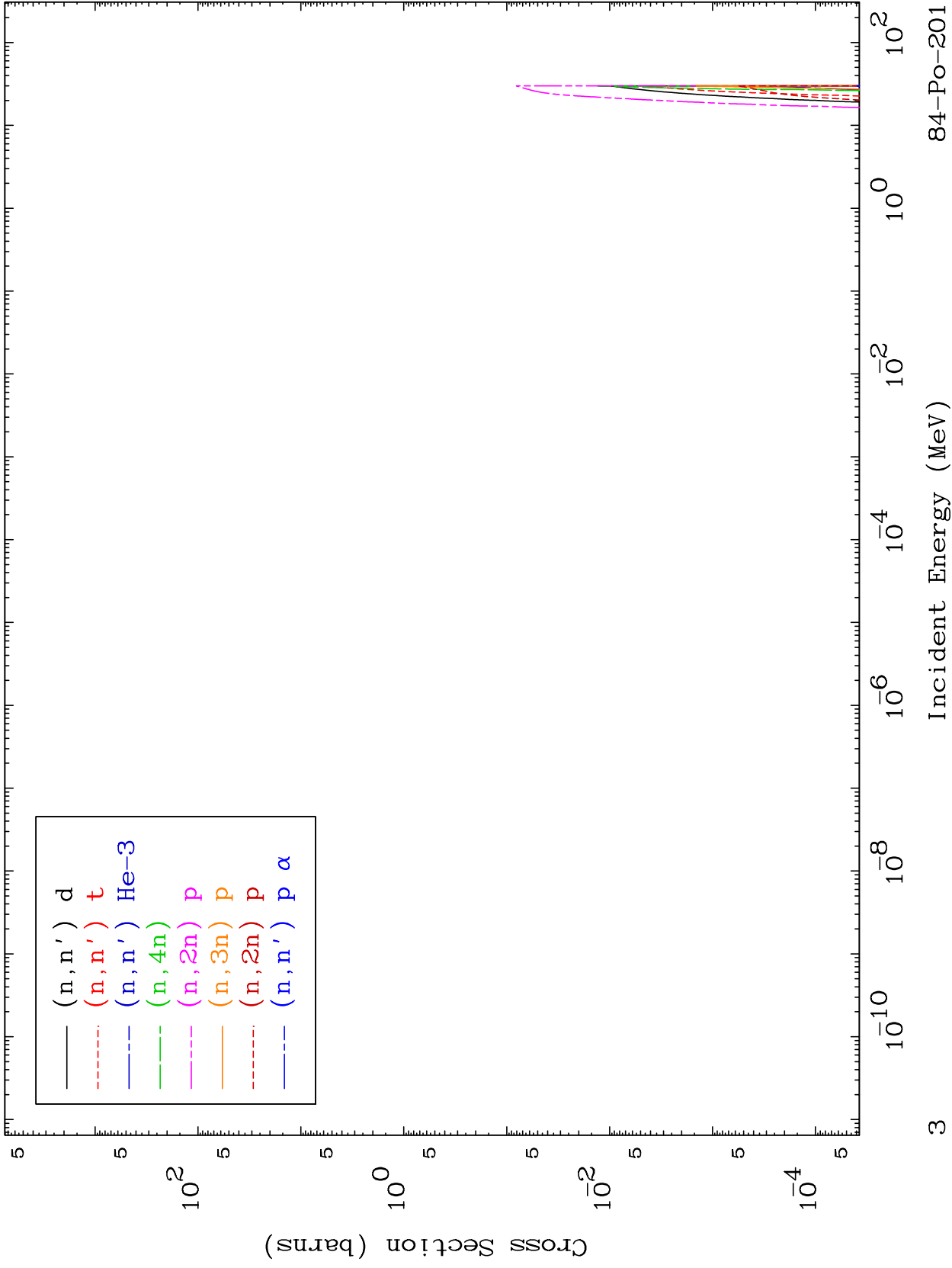
84-Po-201

Incident Energy (MeV)

MAT 8410

Neutron Absorption
293 Kelvin Cross Sections

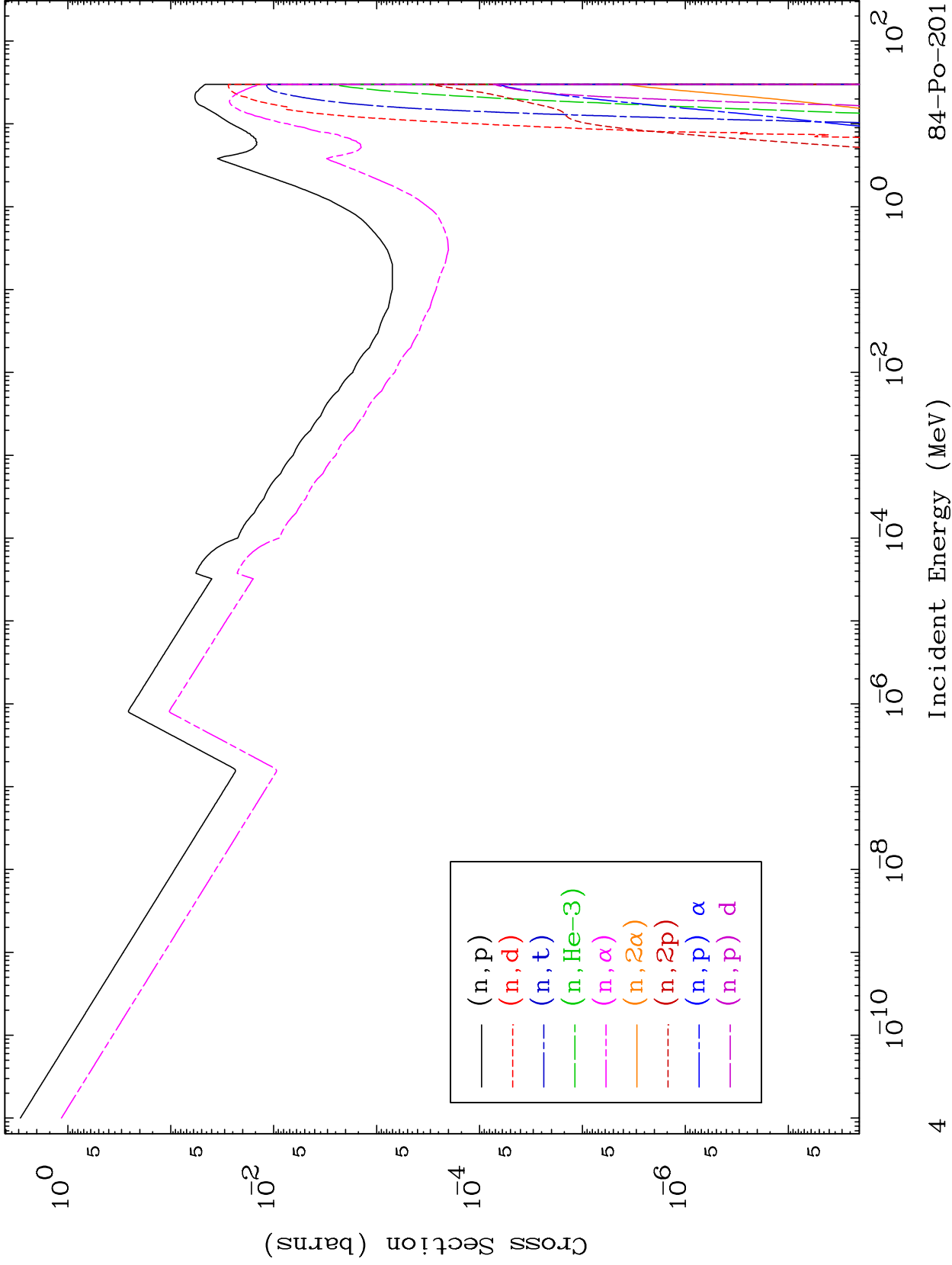
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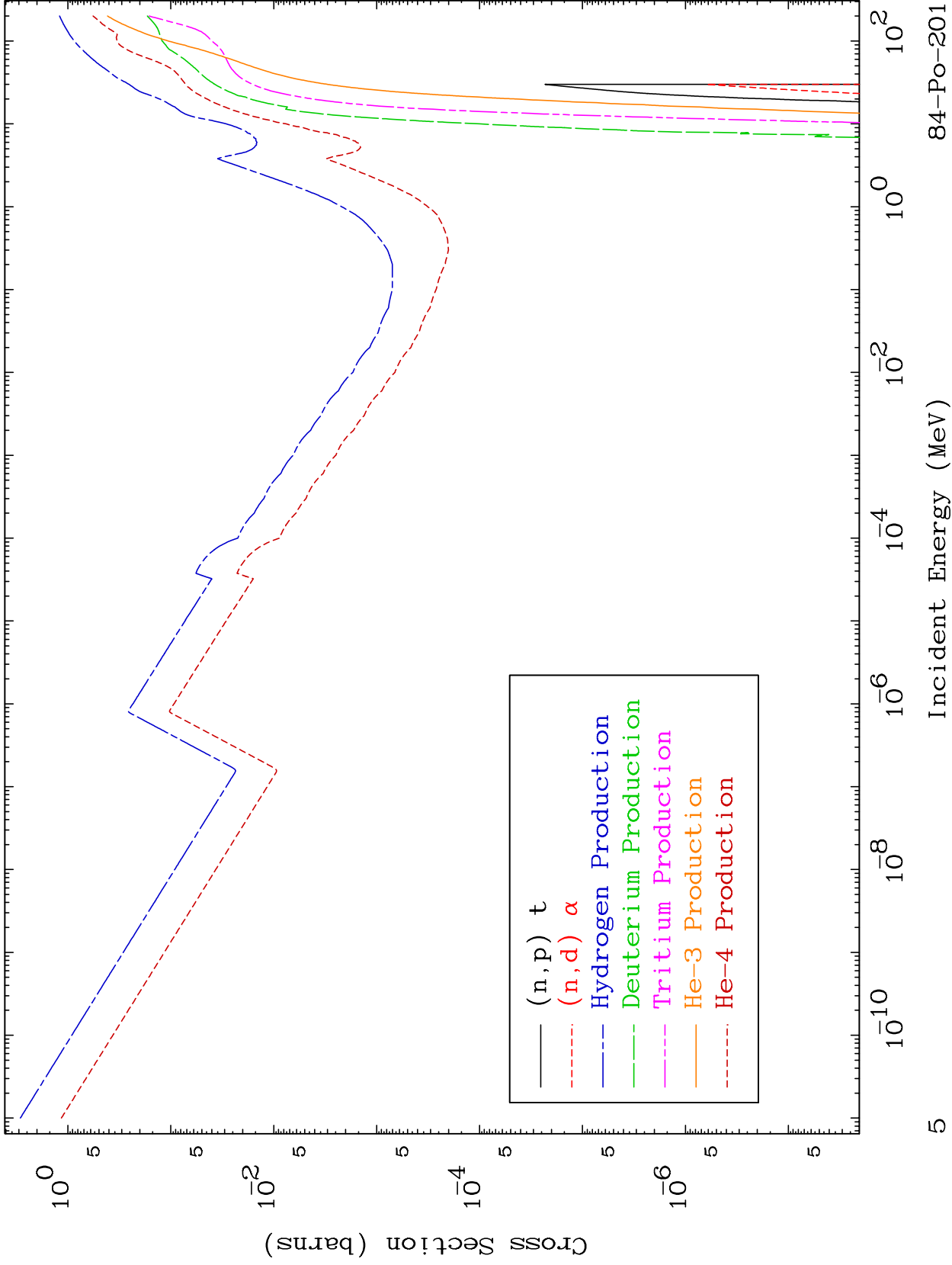


MAT 8410

Neutron Absorption
293 Kelvin Cross Sections

84-Po-201

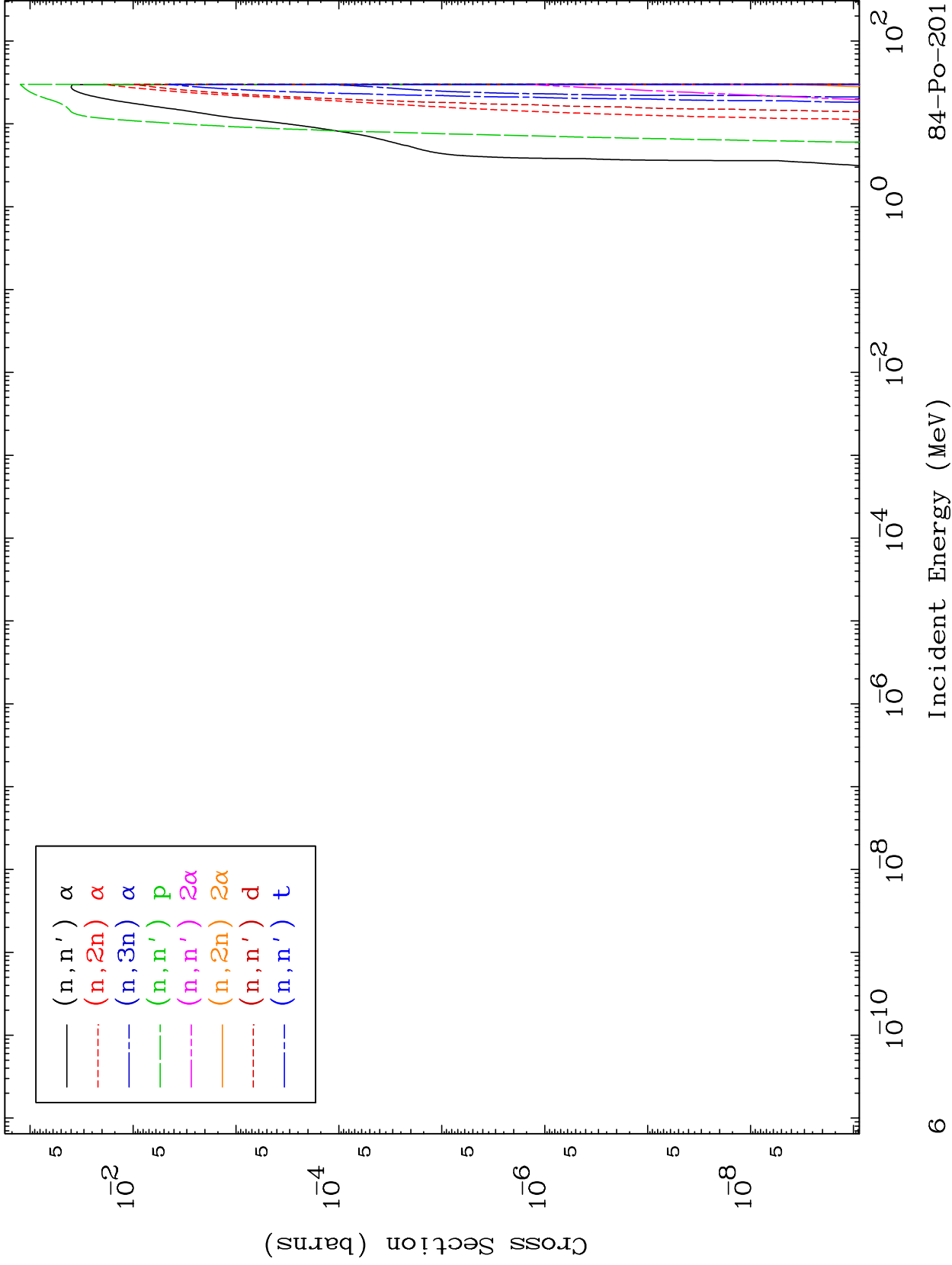




MAT 8410

Charged Particle
293 Kelvin Cross Sections

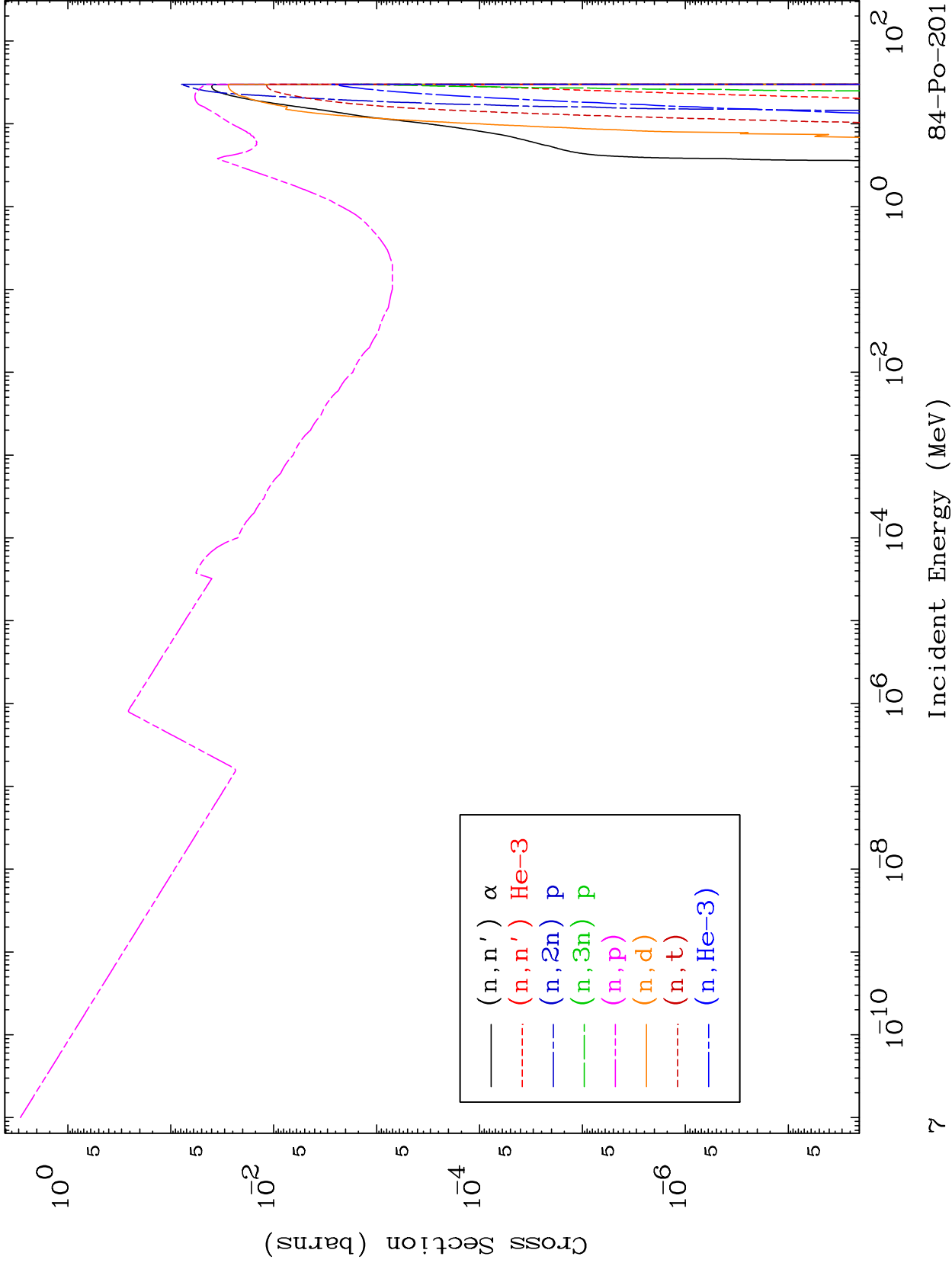
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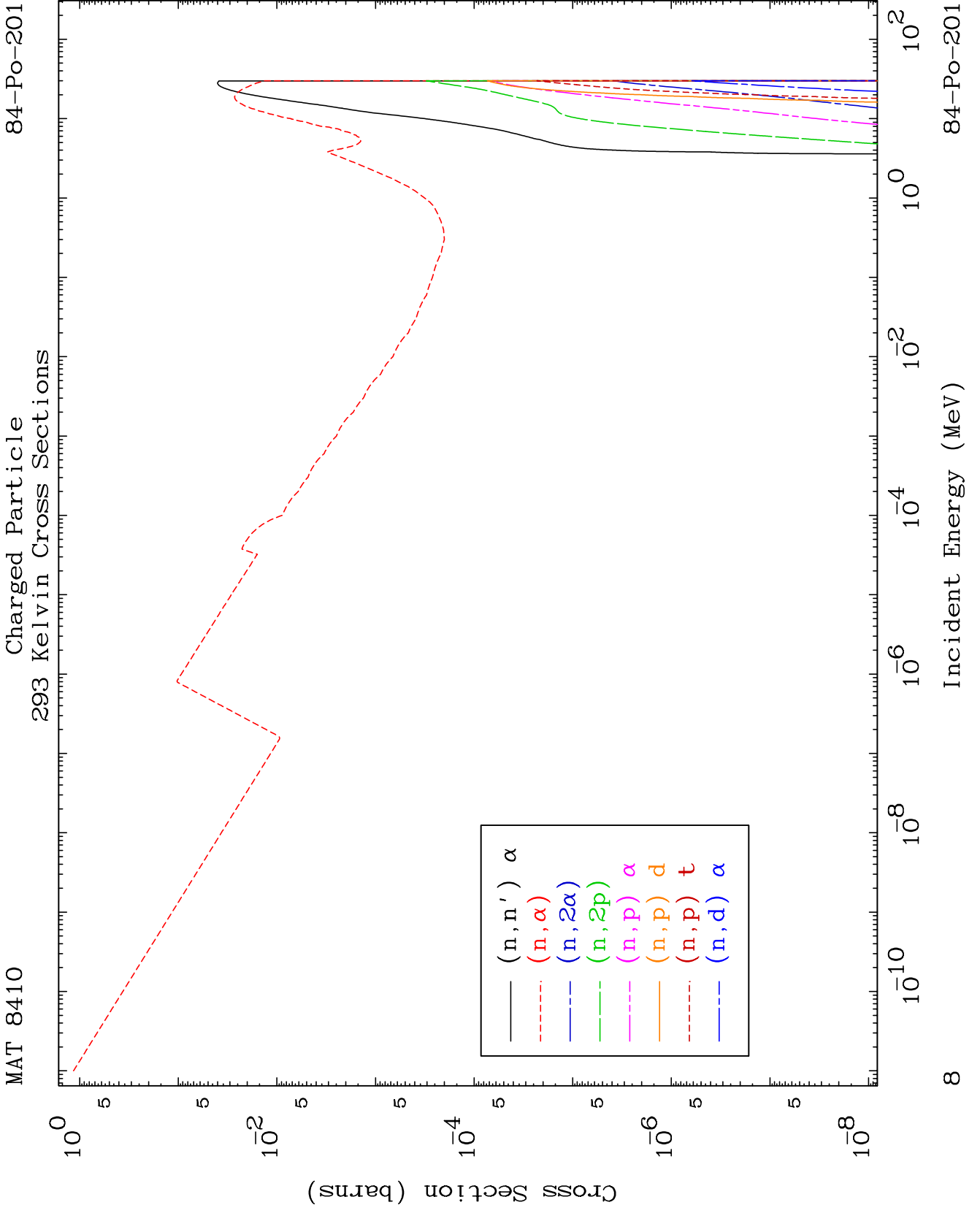


MAT 8410

Charged Particle
293 Kelvin Cross Sections

84-Po-201

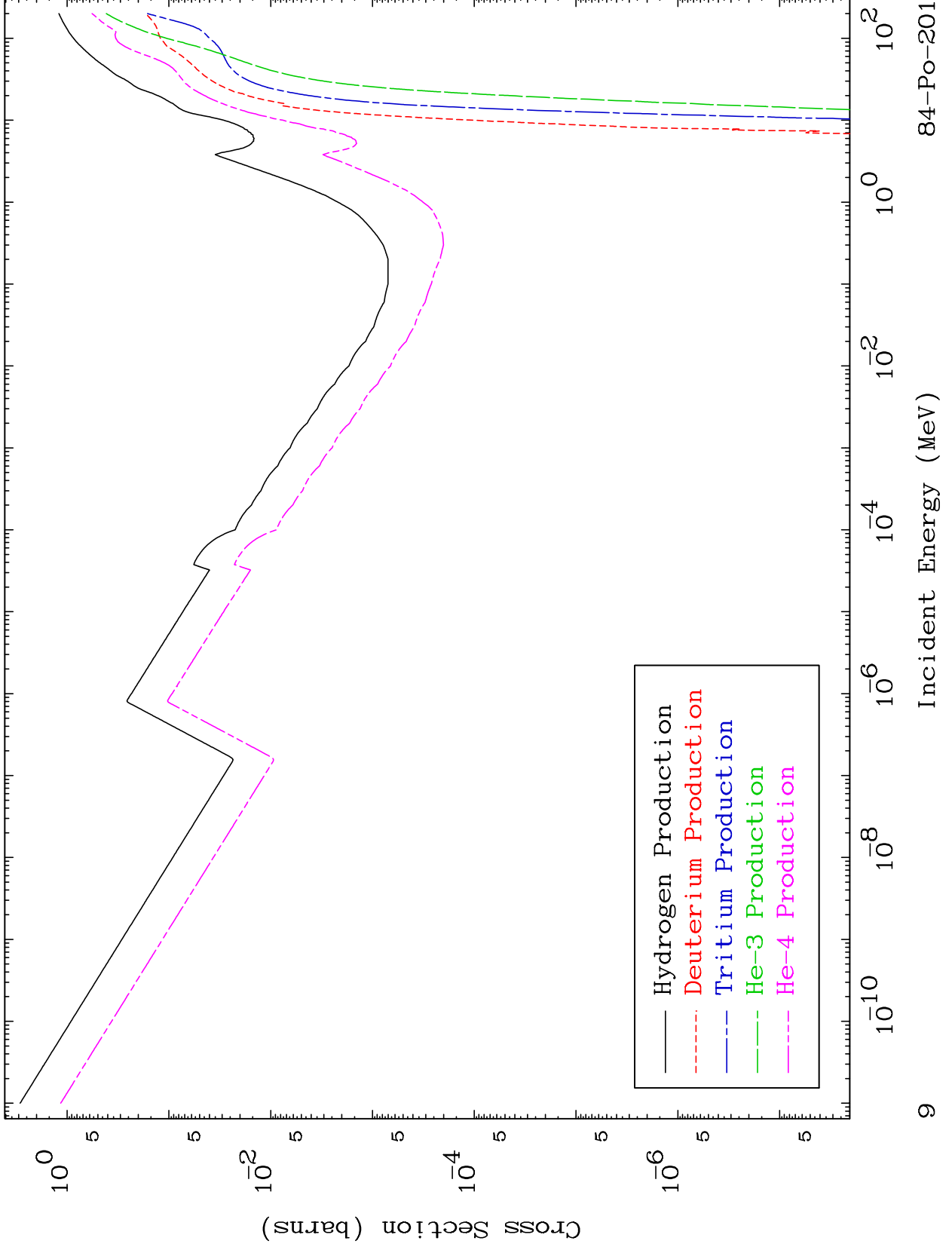




MAT 8410

Particle Production
293 Kelvin Cross Sections

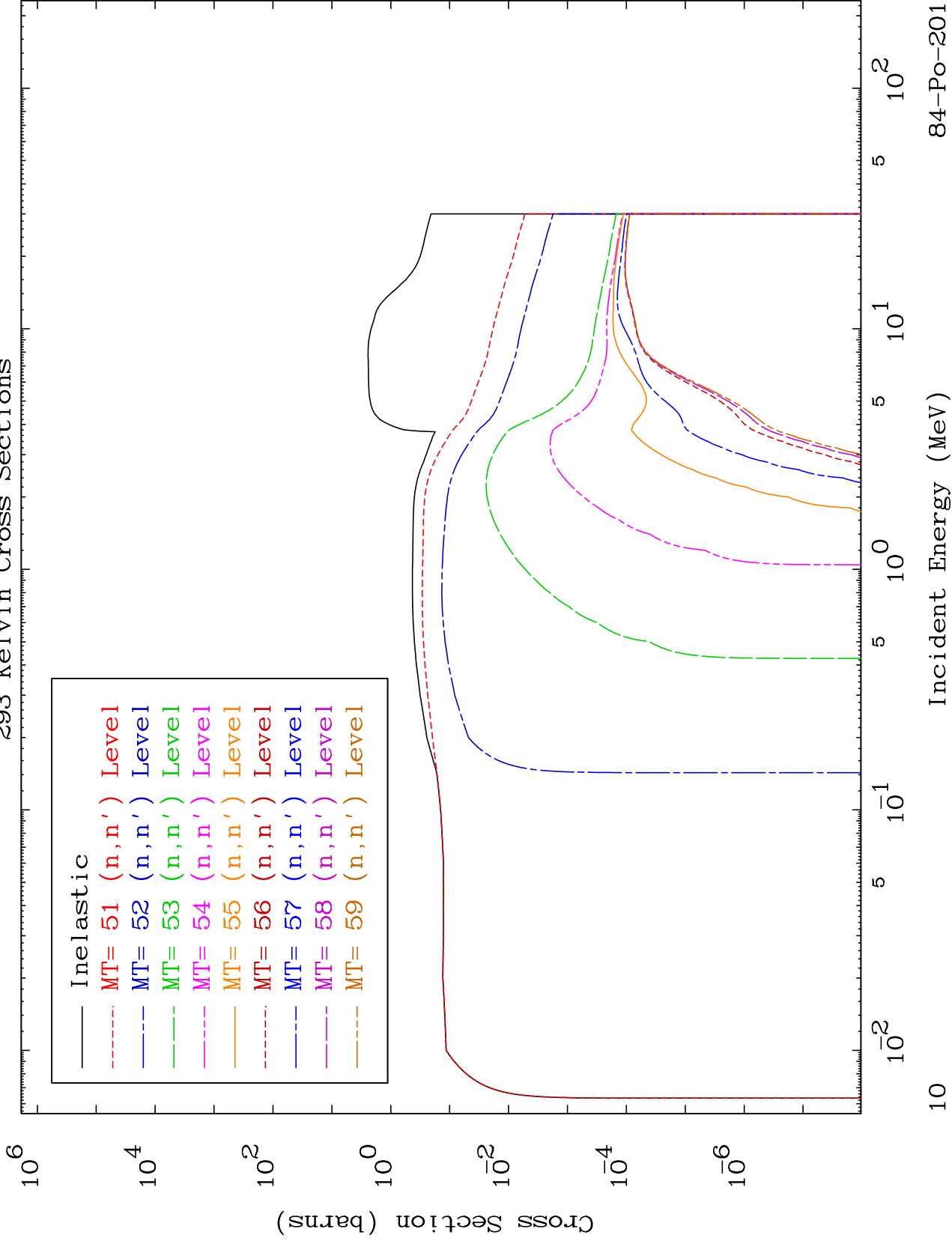
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MAT 8410

(n,n') Levels
293 Kelvin Cross Sections

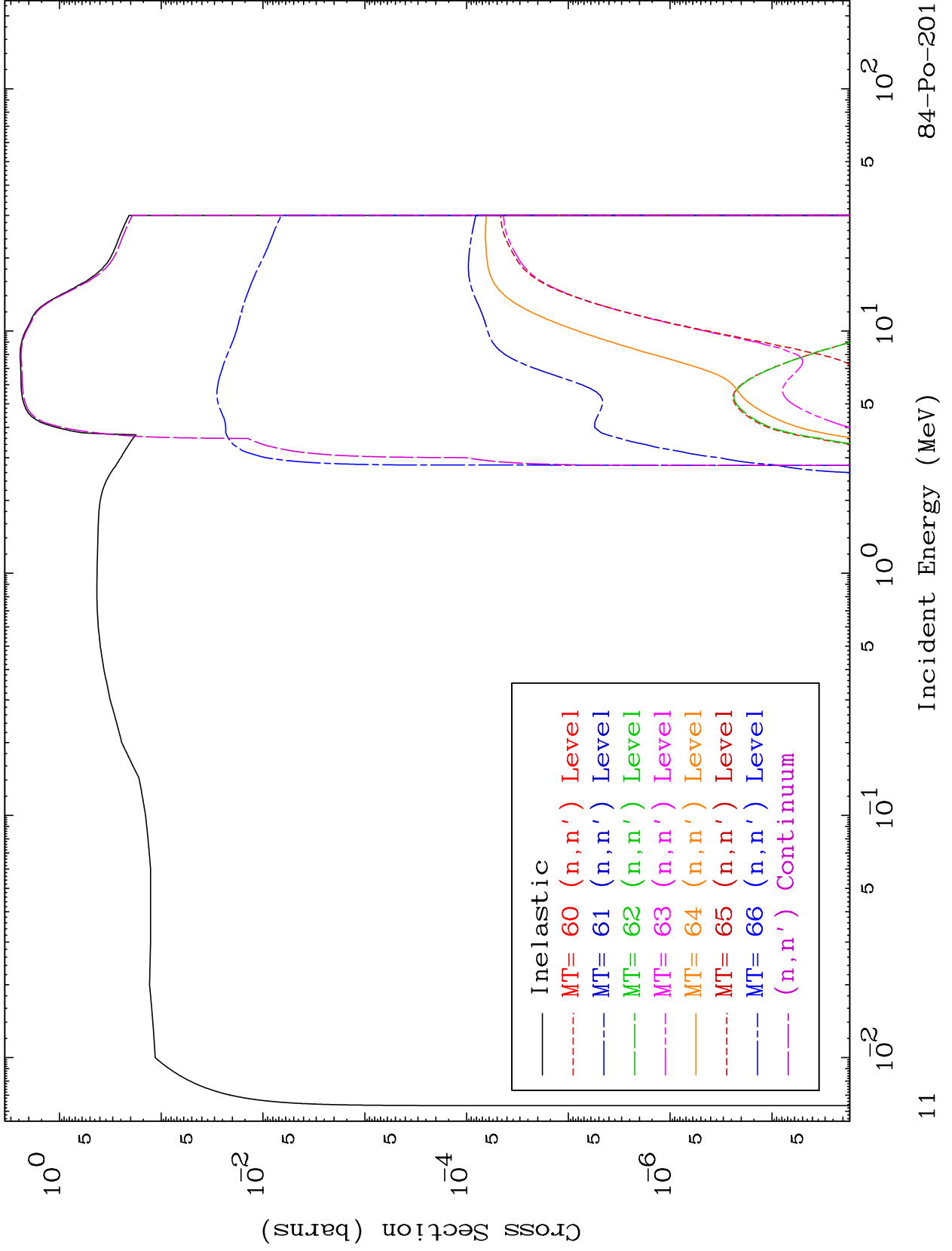
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MAT 8410

(n,n') Levels
293 Kelvin Cross Sections

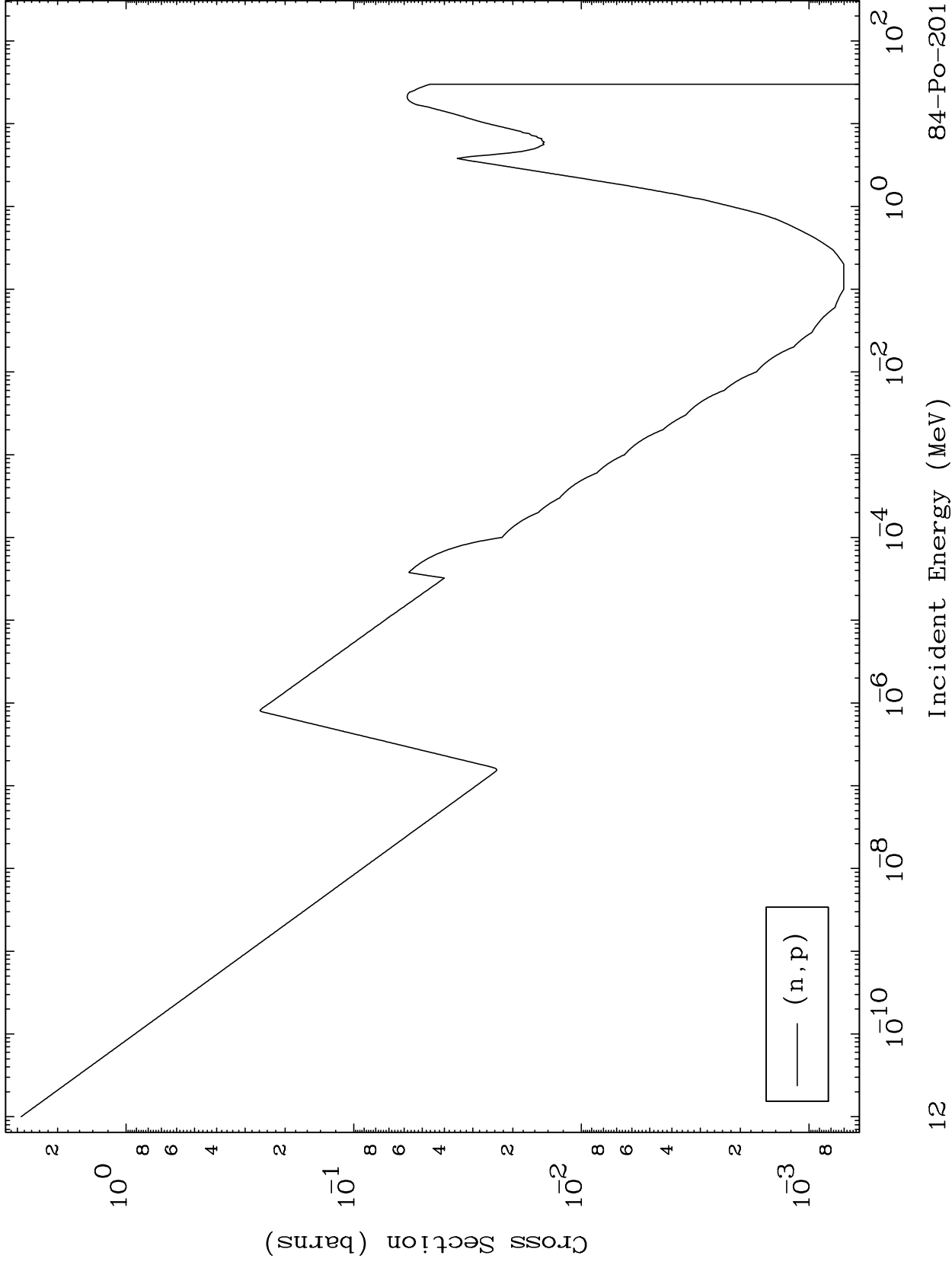
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MAT 8410

(n,p) Levels
293 Kelvin Cross Sections

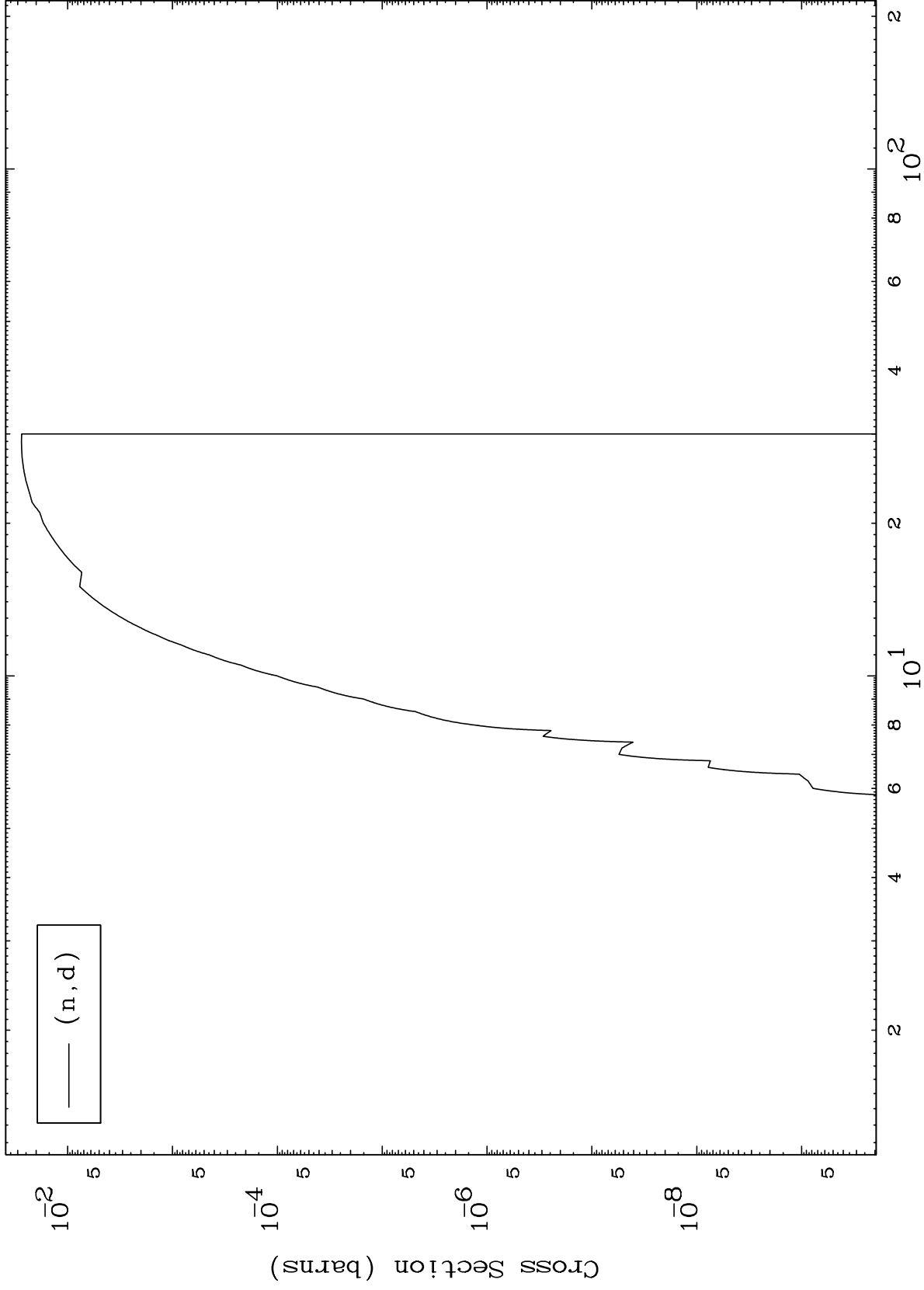
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MAT 8410

(n,d) Levels
293 Kelvin Cross Sections

84-Po-201



13

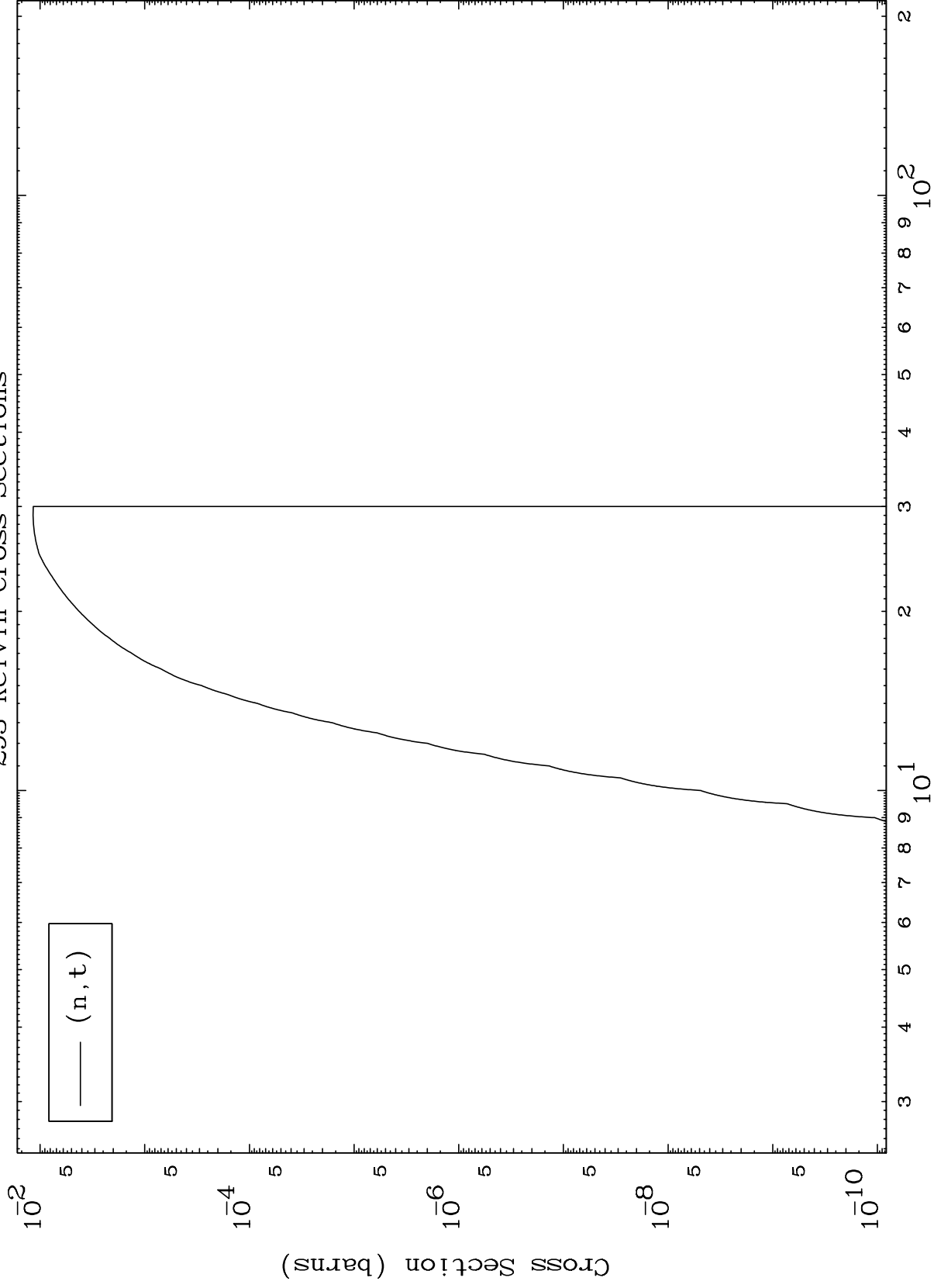
Incident Energy (MeV)

84-Po-201

MAT 8410

(n,t) Levels
293 Kelvin Cross Sections

84-Po-201



14

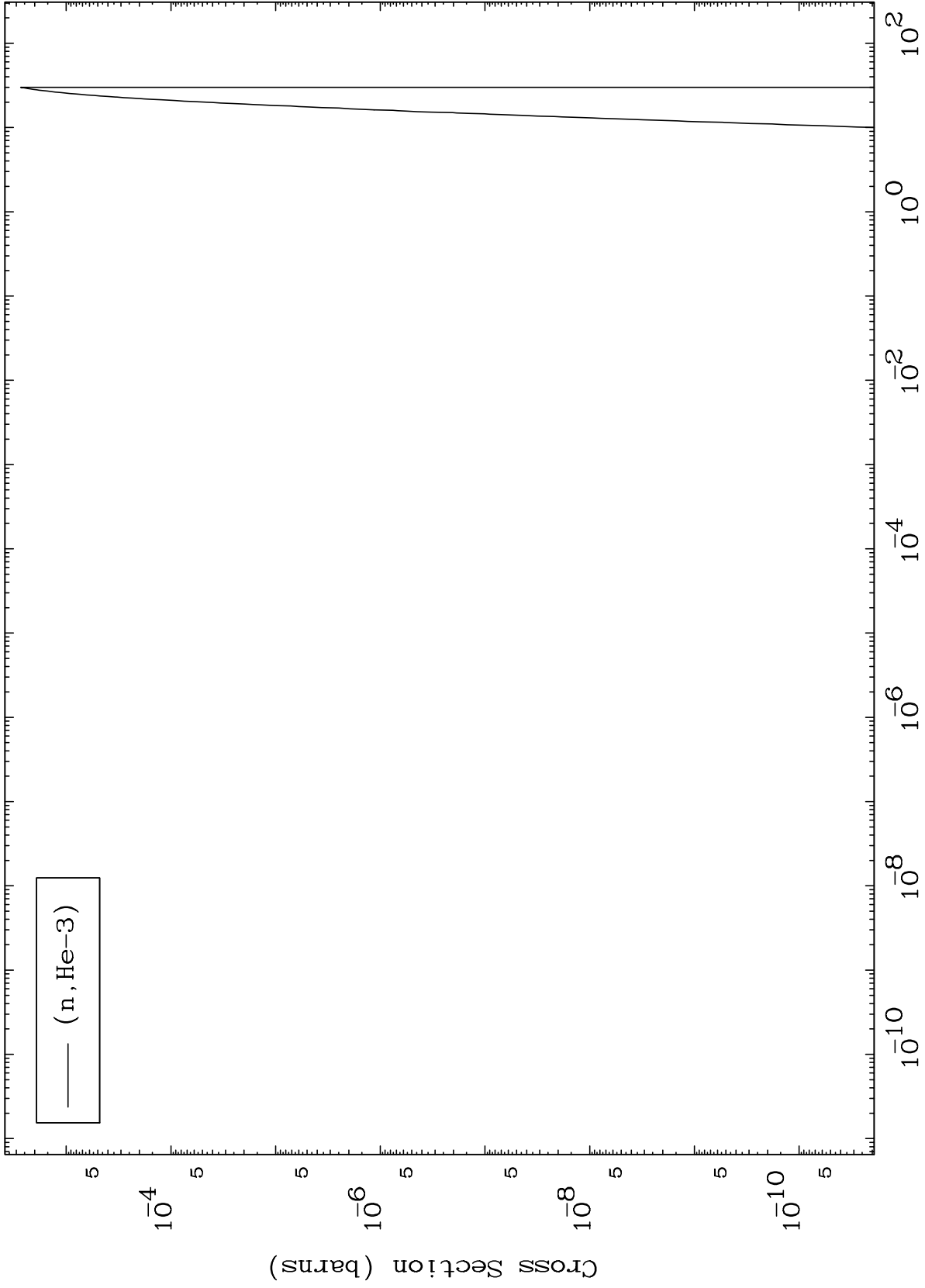
Incident Energy (MeV)

84-Po-201

MAT 8410

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-201



15

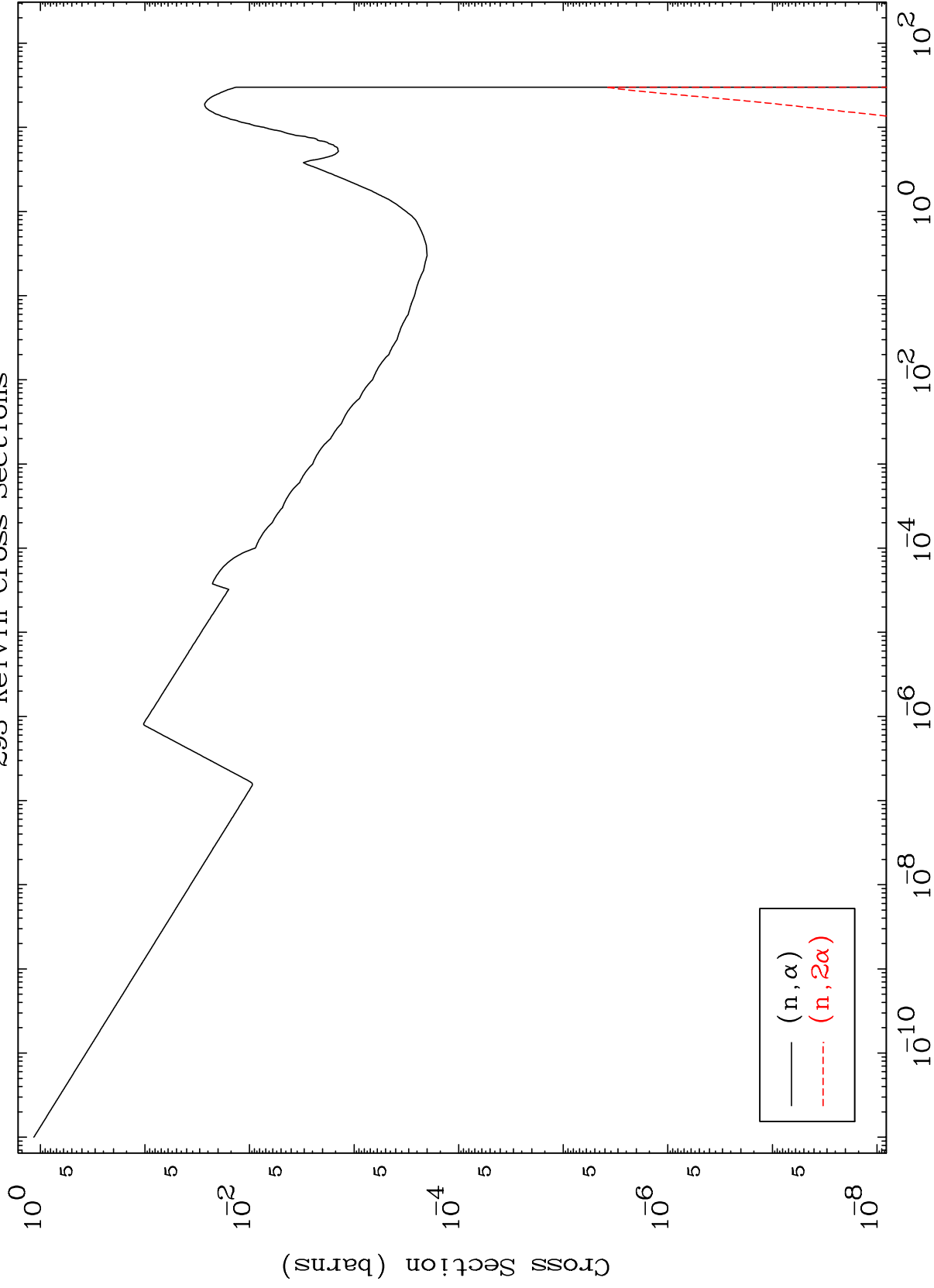
Incident Energy (MeV)

84-Po-201

MAT 8410

(n,α) Levels
293 Kelvin Cross Sections

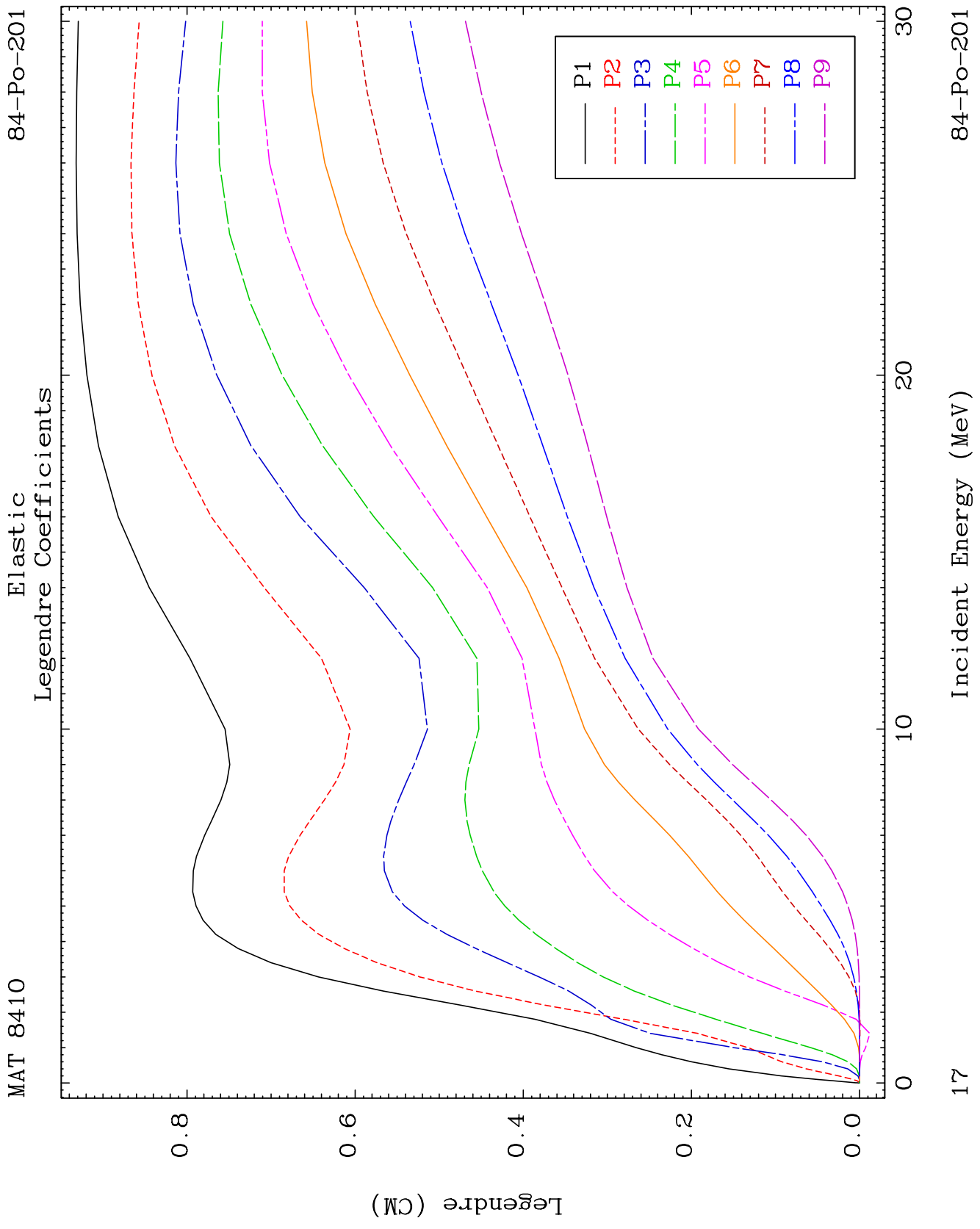
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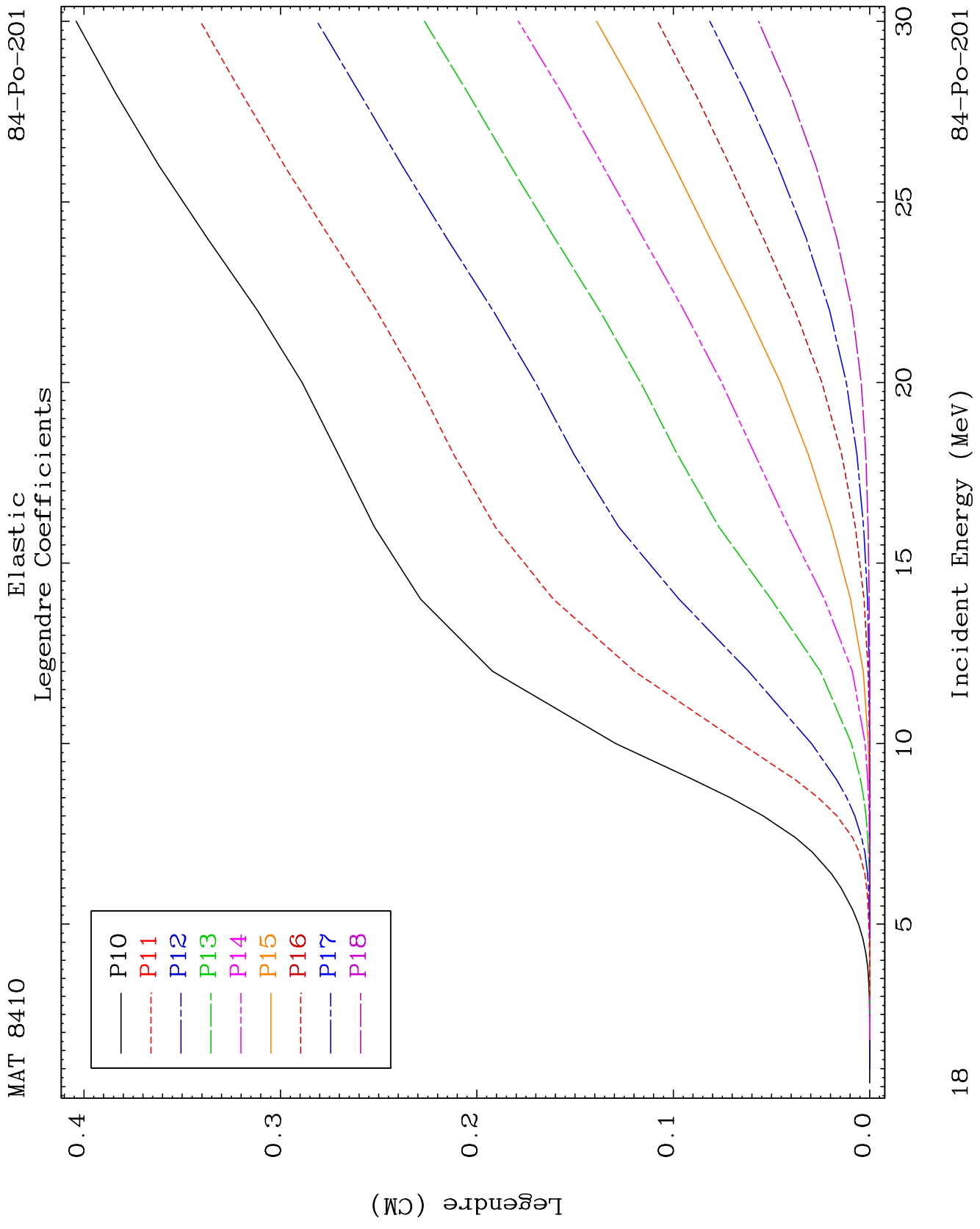


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Incident Energy (MeV)

84-Po-201

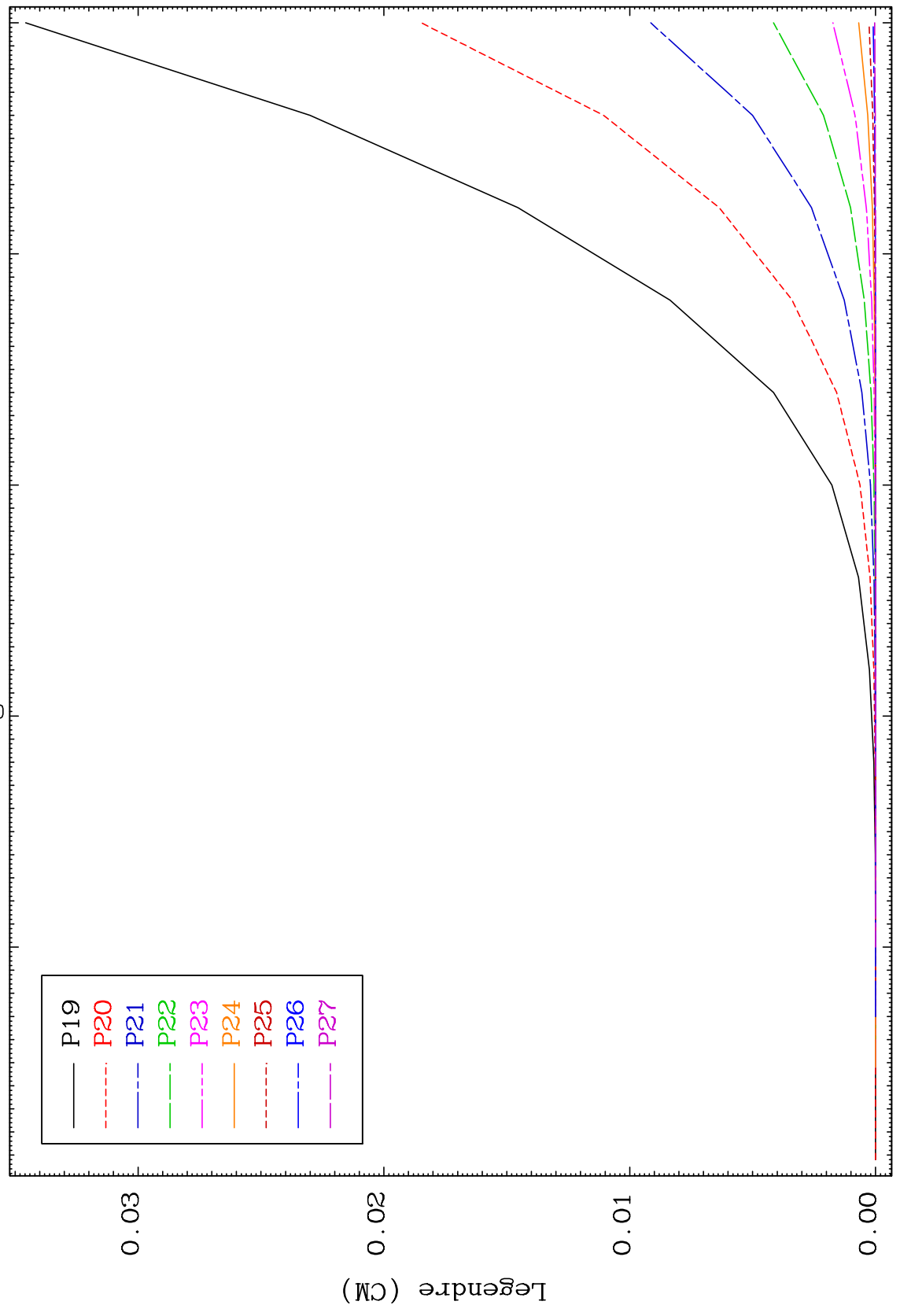




MAT 8410

Elastic Legendre Coefficients

84-Po-201



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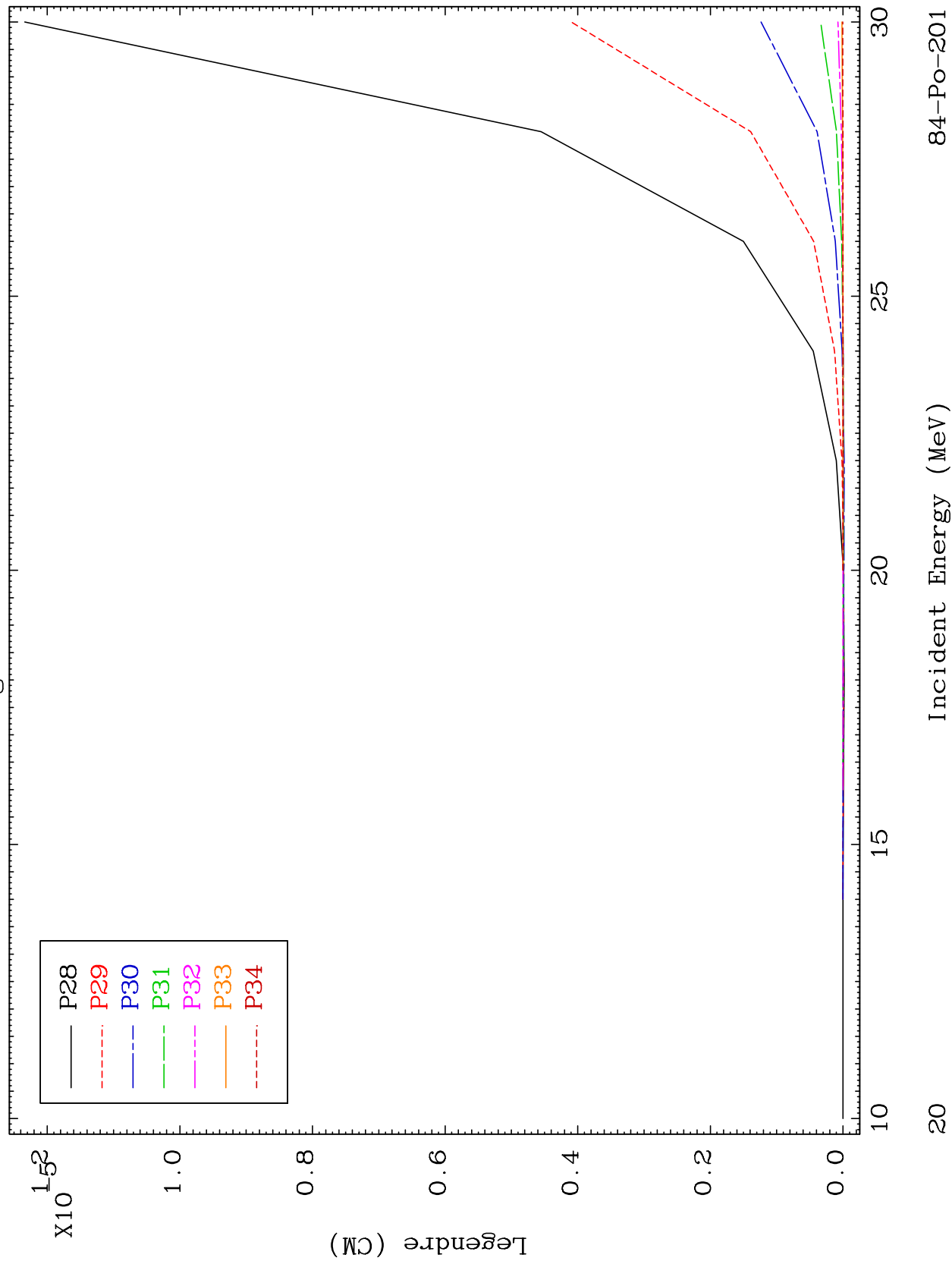
Incident Energy (MeV)

84-Po-201

MAT 8410

Elastic Legendre Coefficients

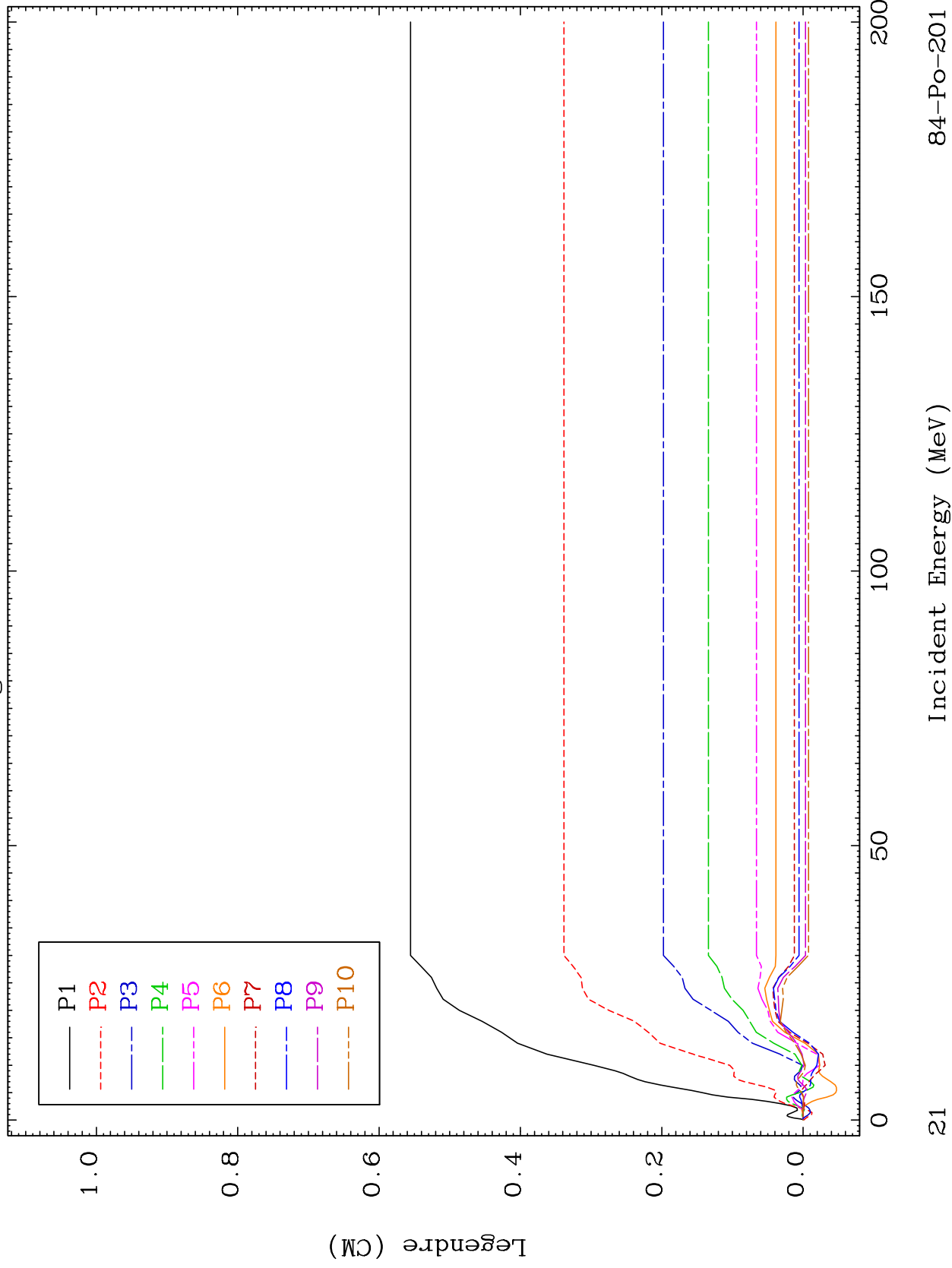
84-Po-201



MAT 8410

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

84-Po-201

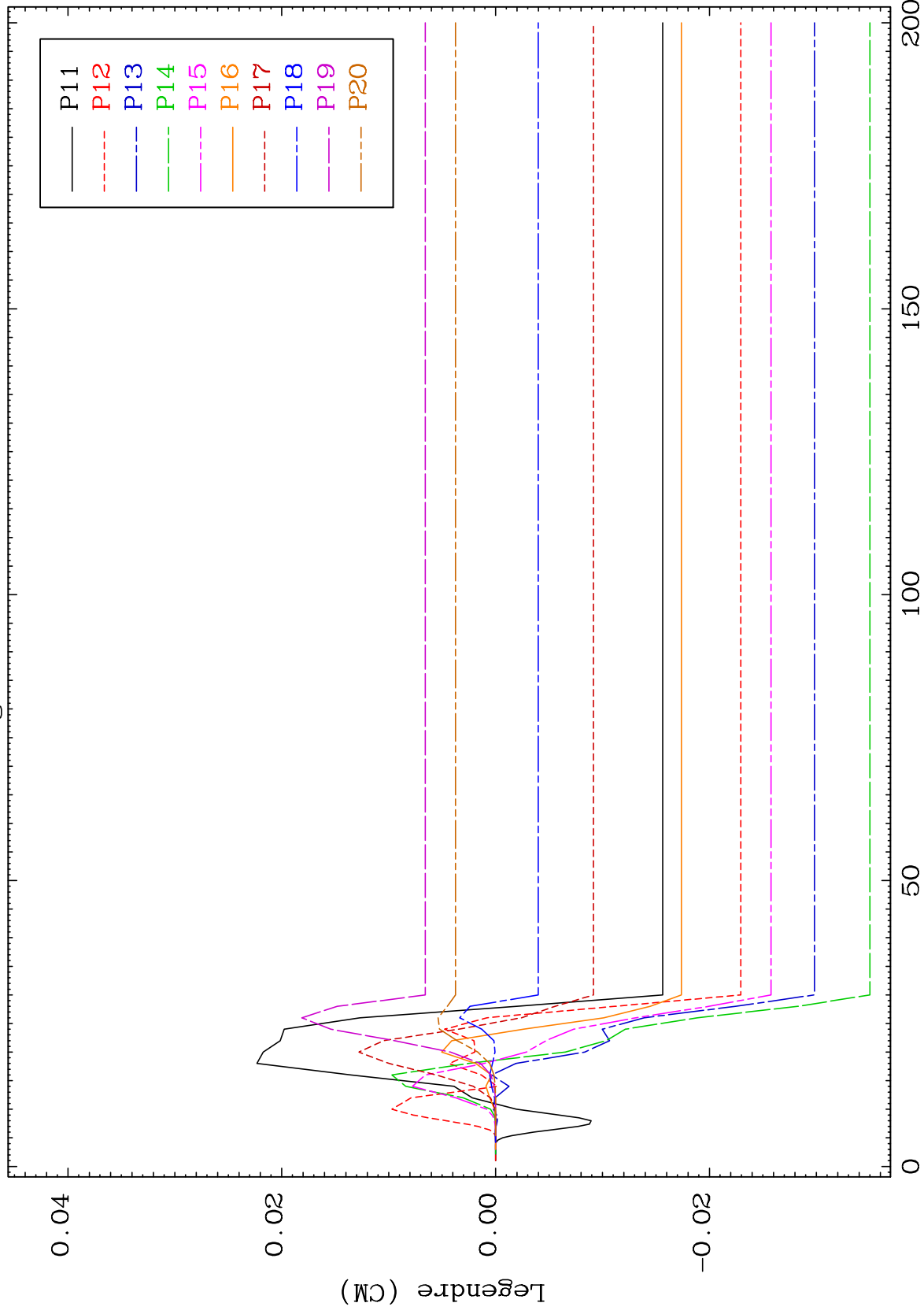


21

MAT 8410

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

84-Po-201



22

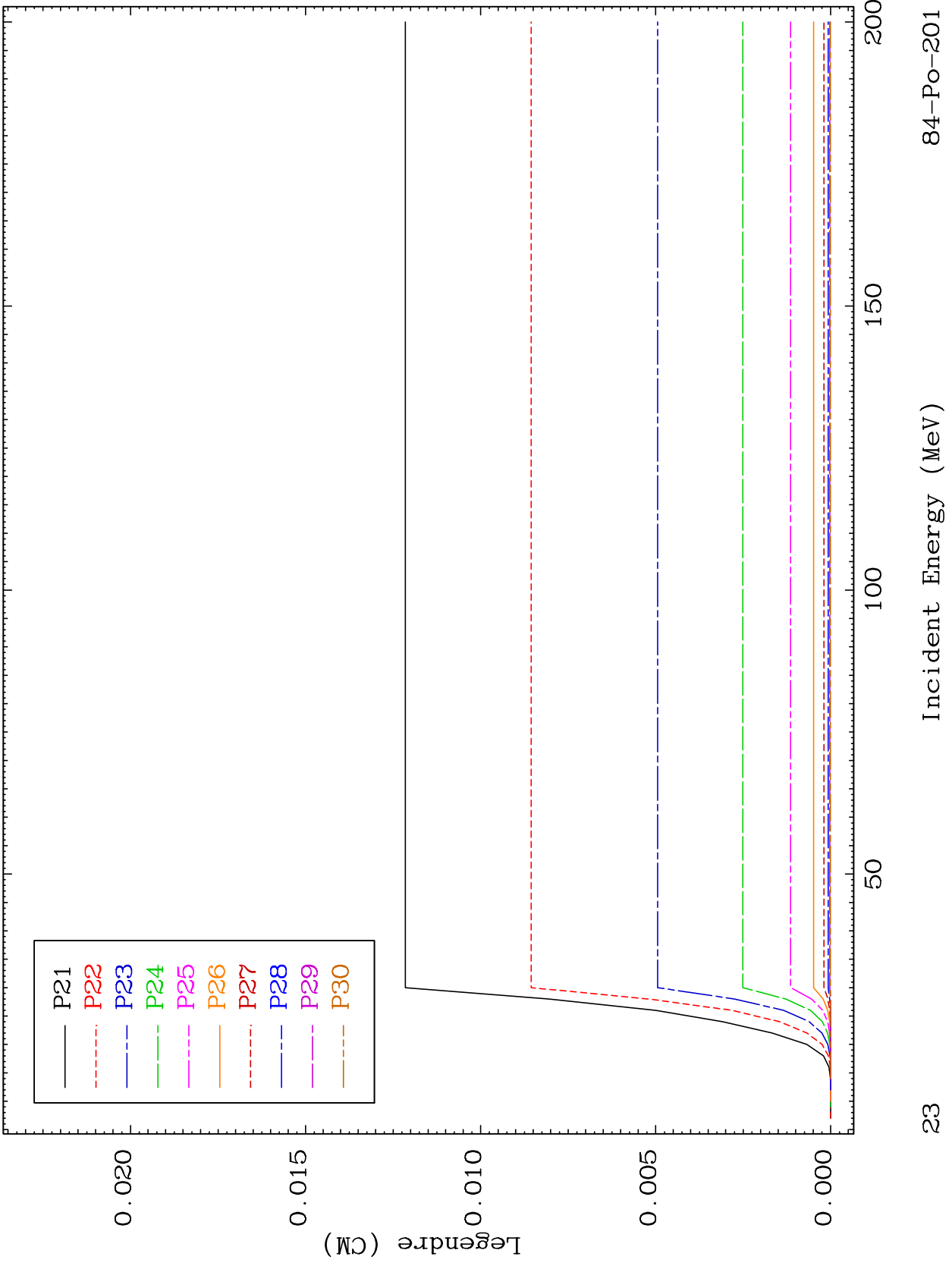
Incident Energy (MeV)

84-Po-201

MAT 8410

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

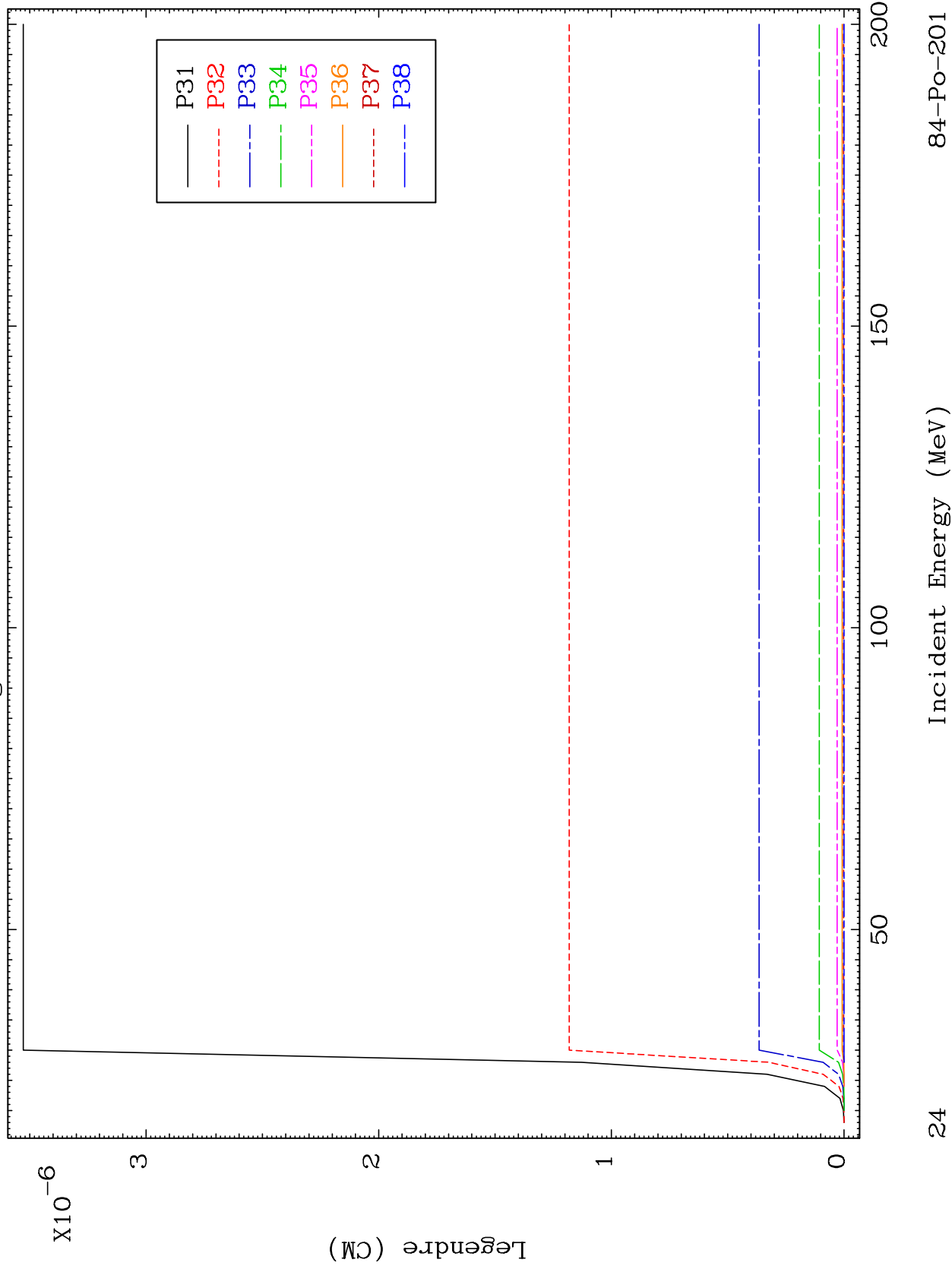
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MAT 8410

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

84-Po-201



24

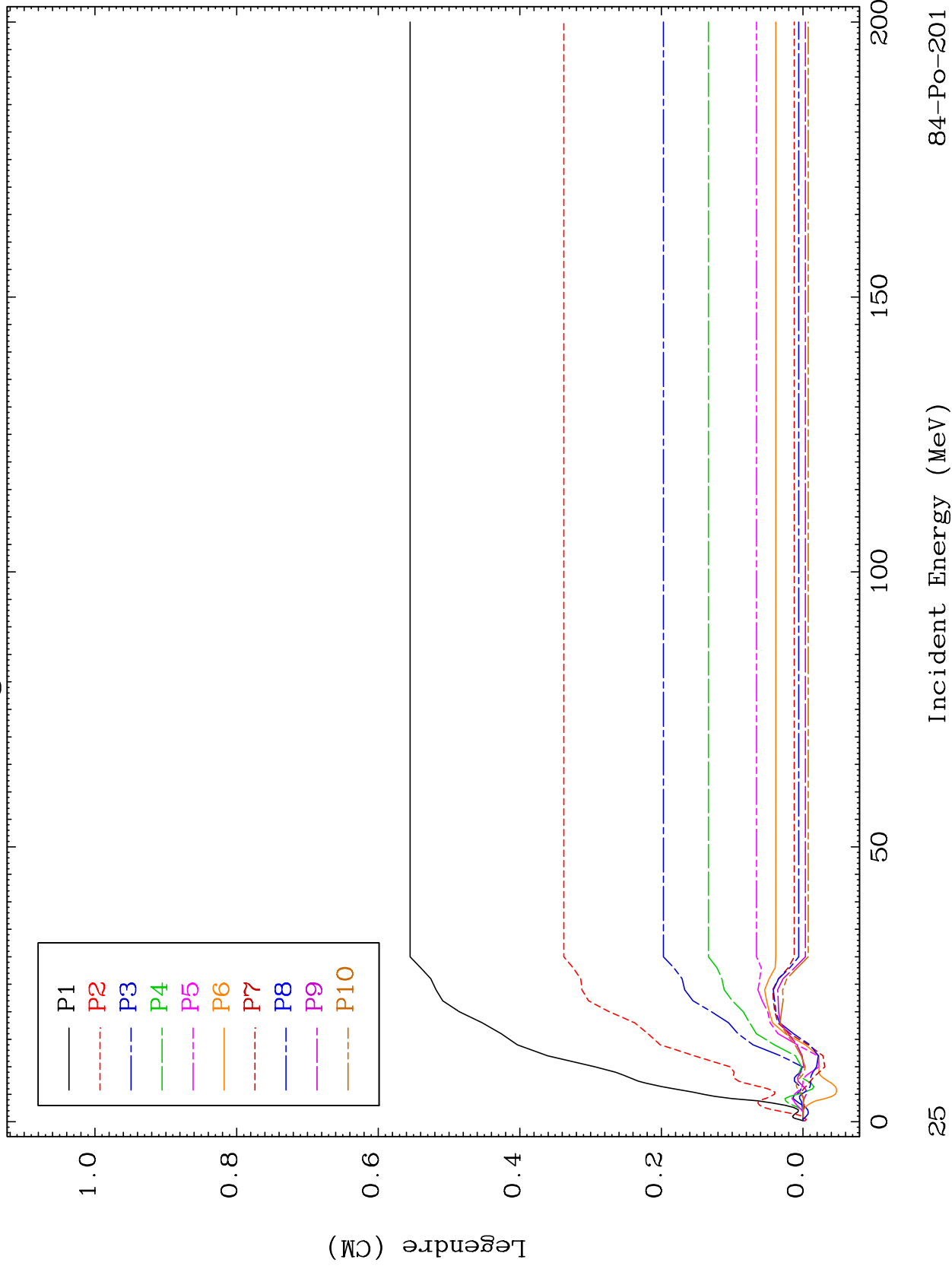
Incident Energy (MeV)

84-Po-201

MAT 8410

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

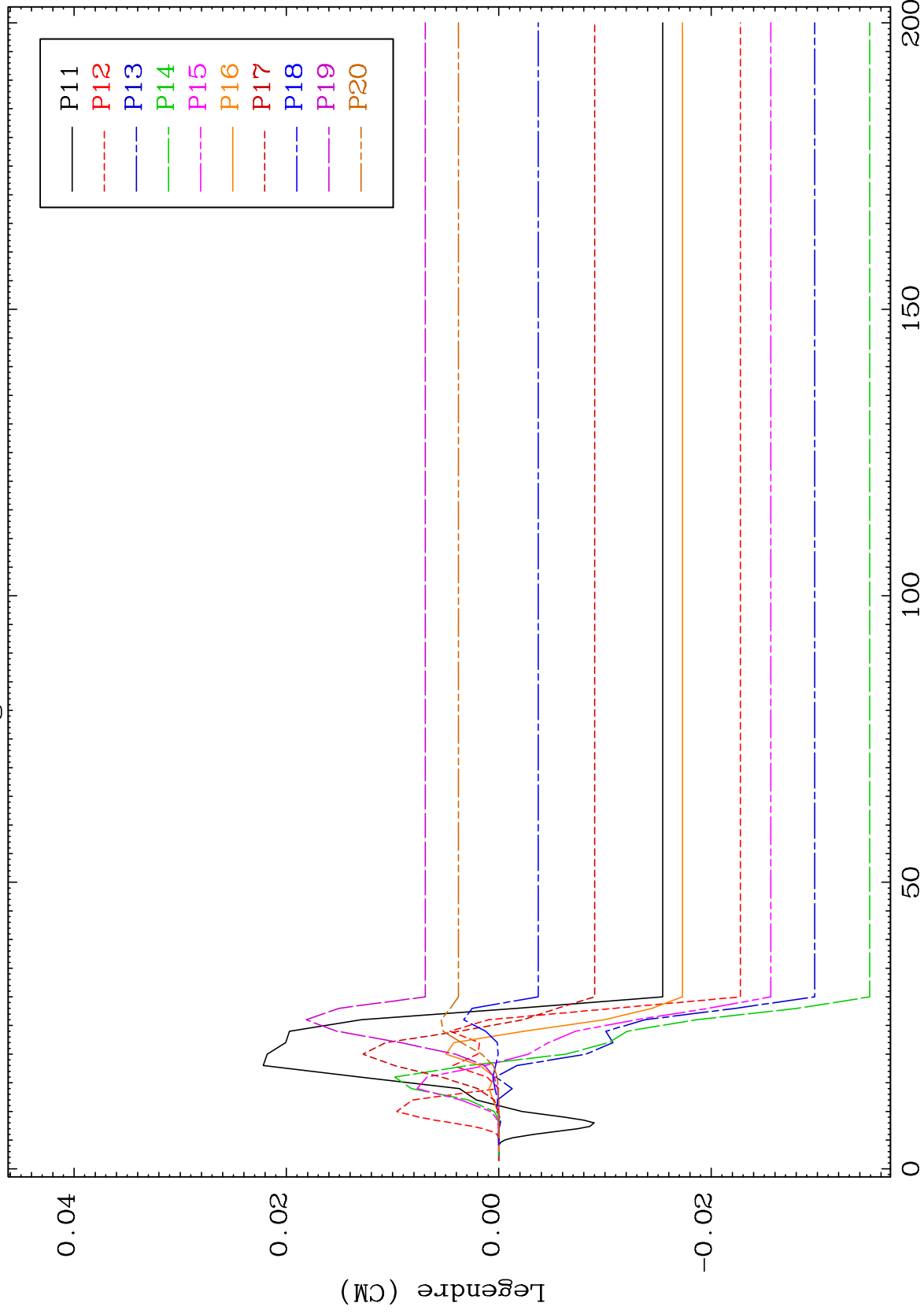
84-Po-201



MAT 8410

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

84-Po-201



26

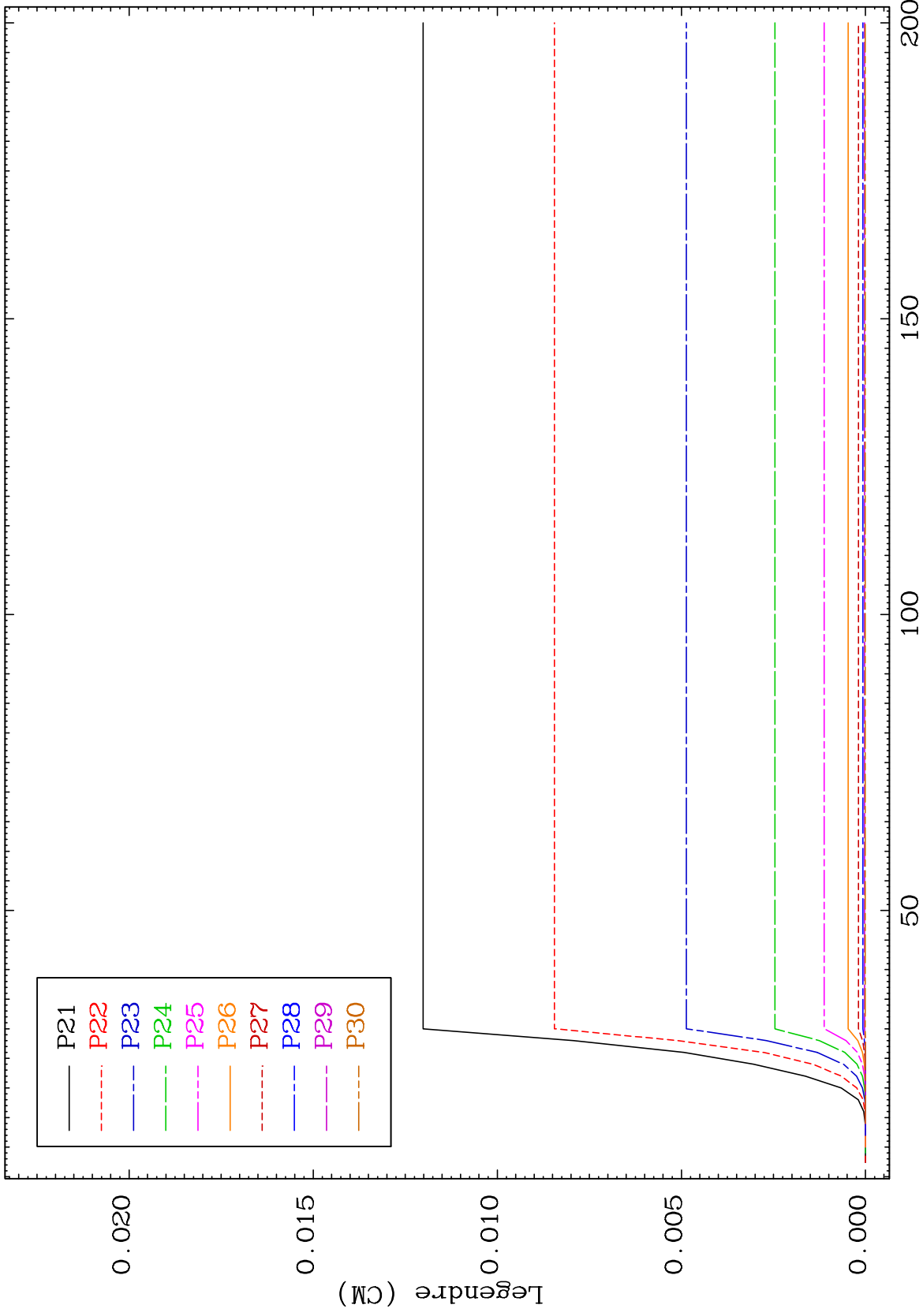
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



27

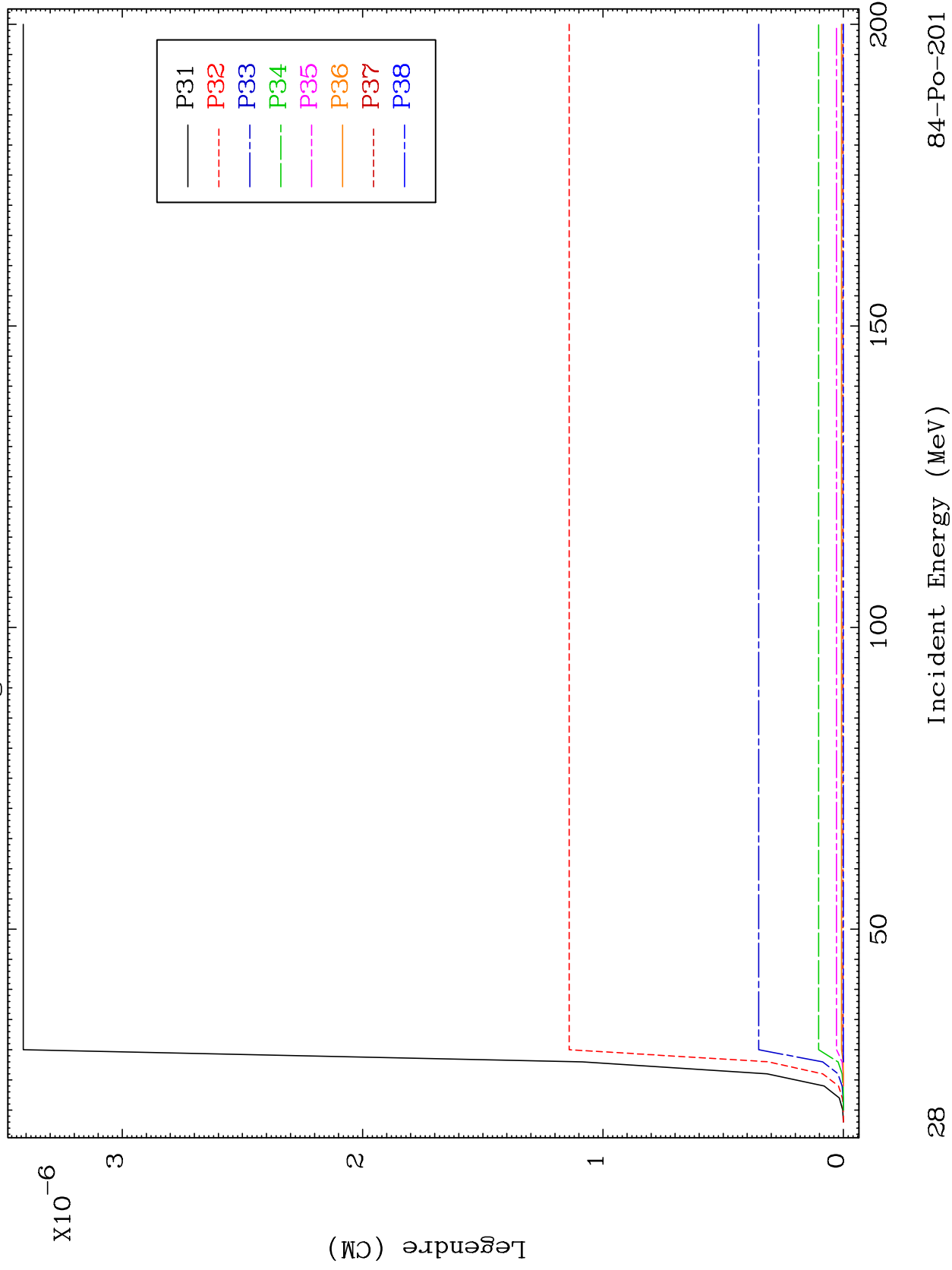
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



28

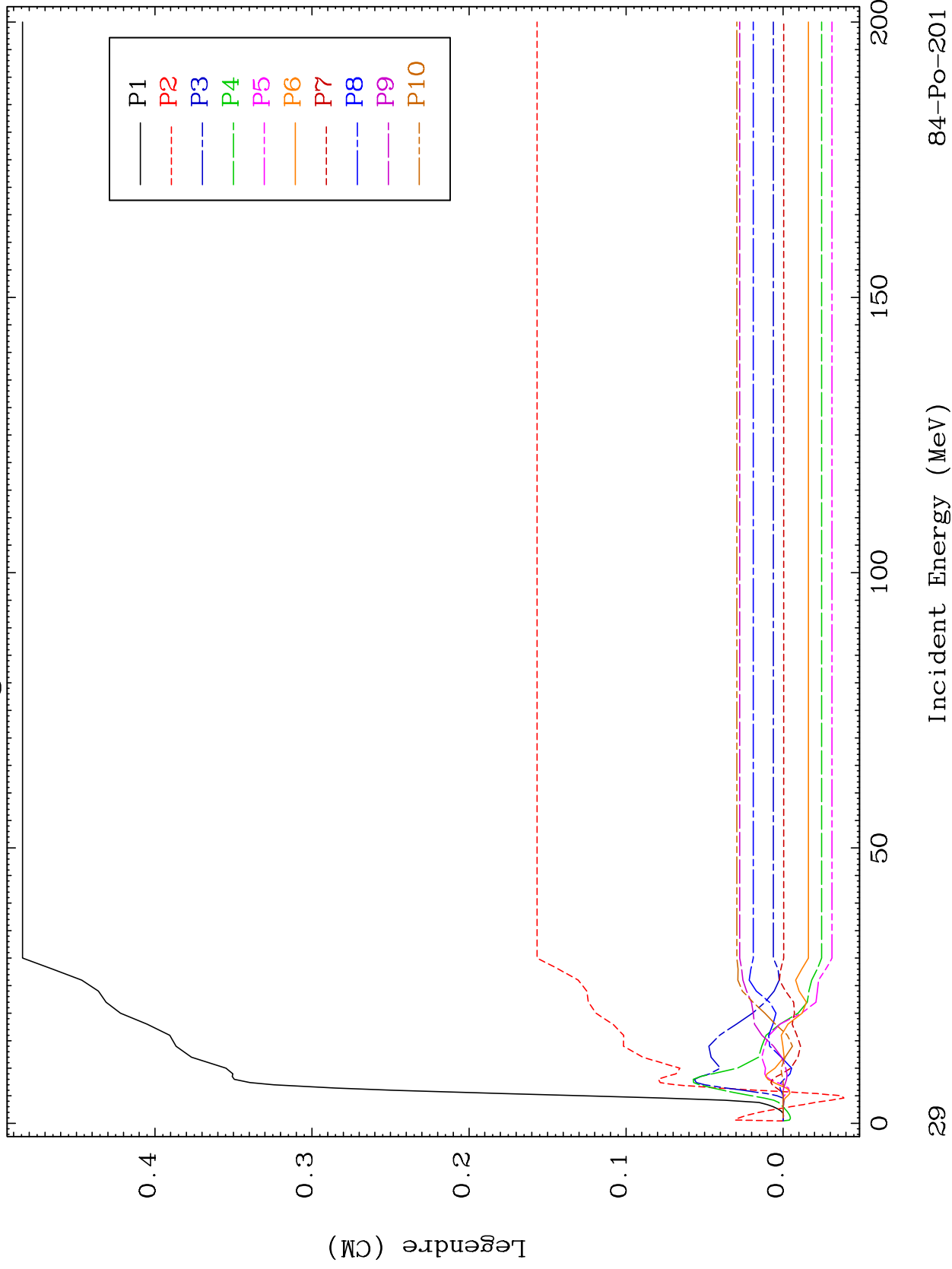
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



84-Po-201

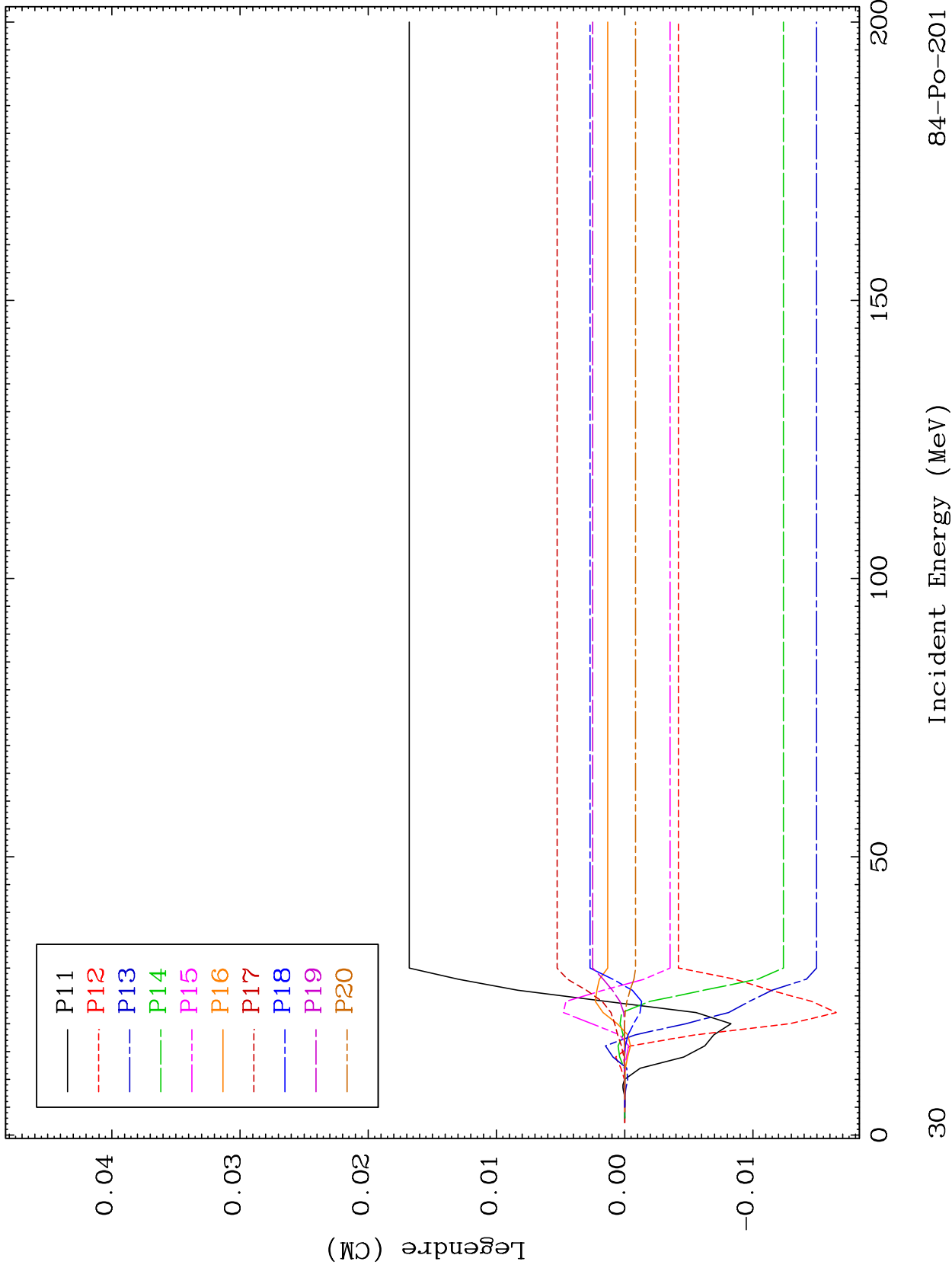
Incident Energy (MeV)

29

MAT 8410

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

84-Po-201



84-Po-201

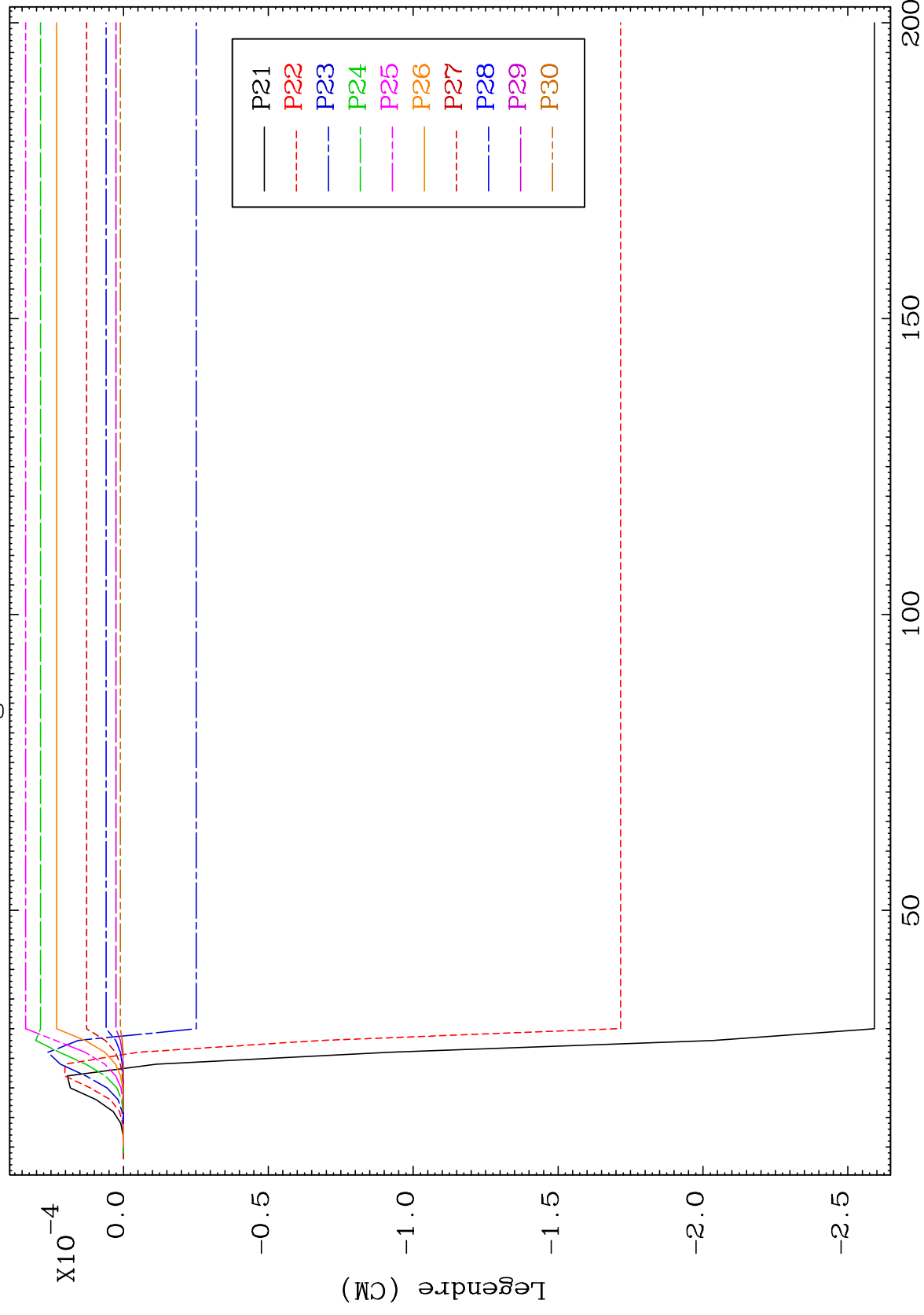
Incident Energy (MeV)

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MAT 8410

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

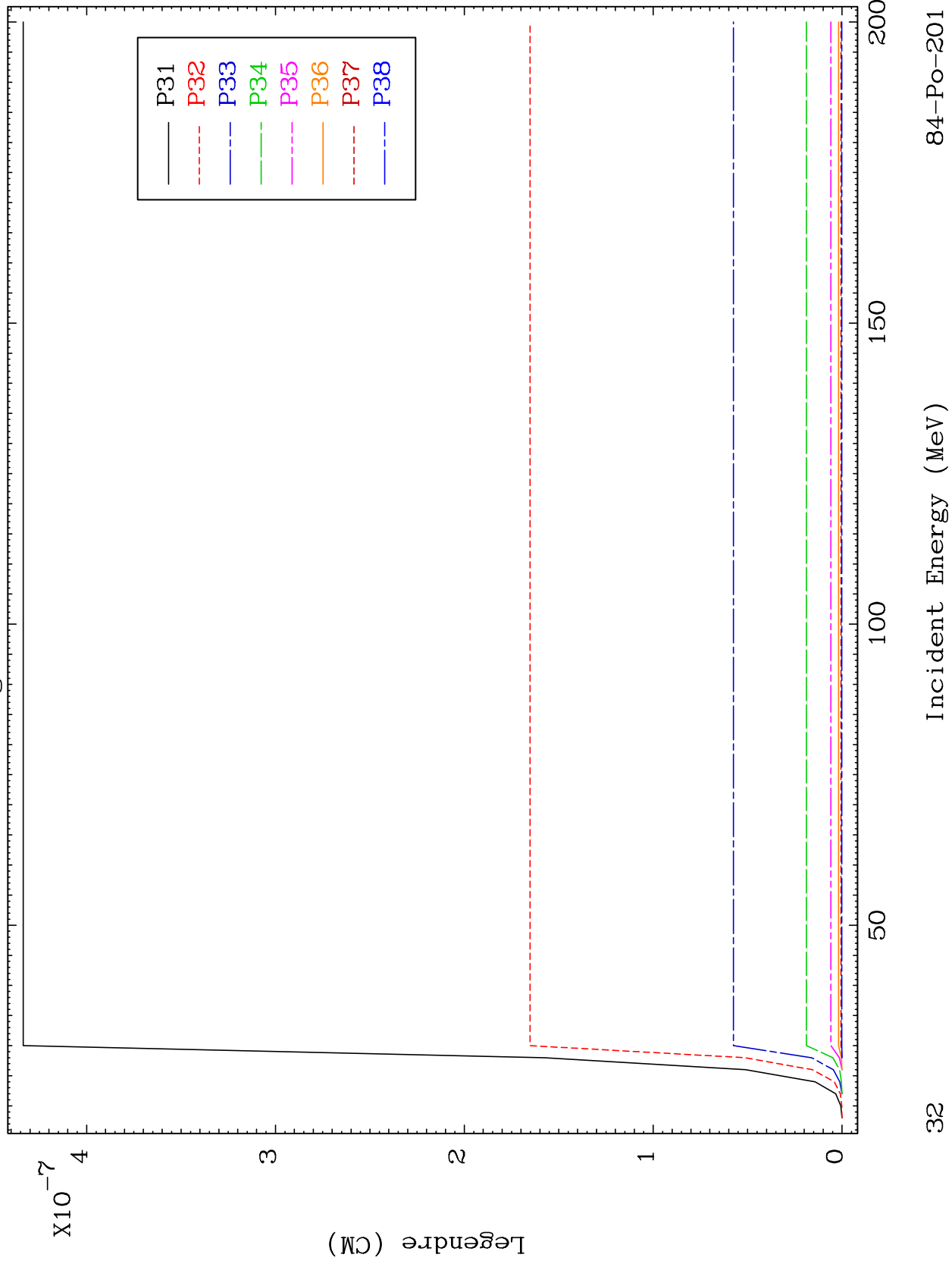
84-Po-201



MAT 8410

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

84-Po-201



32

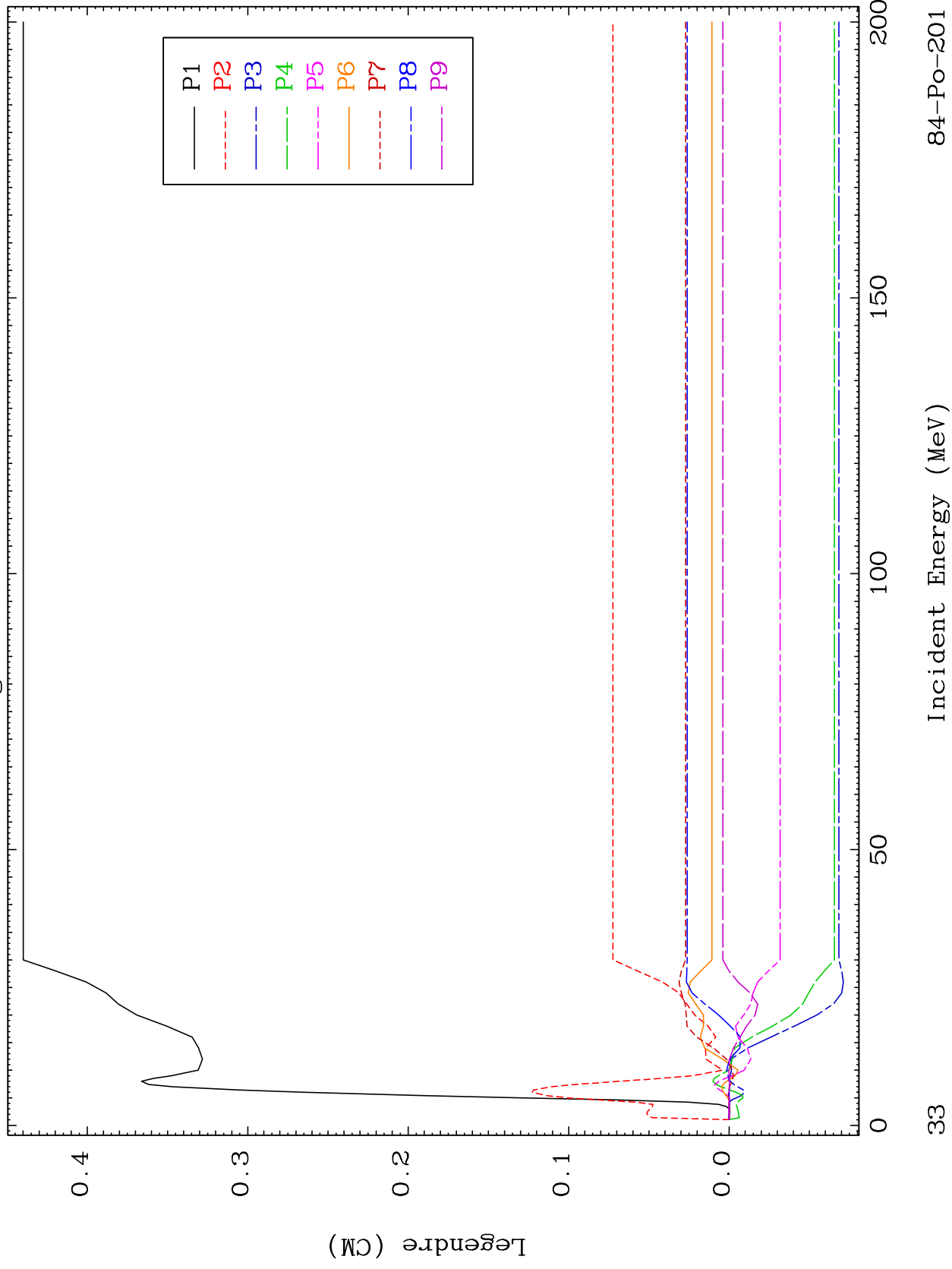
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



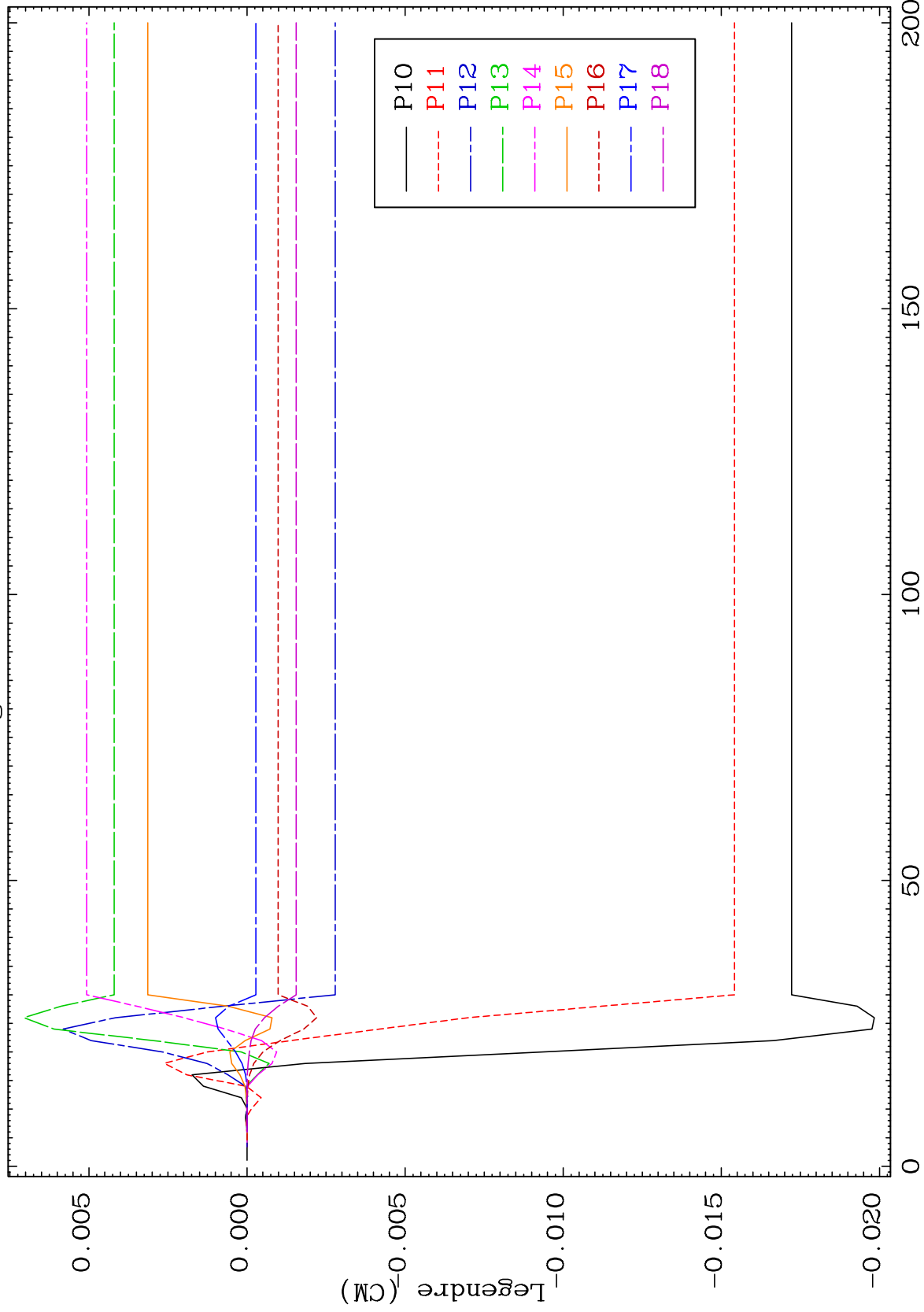
33

84-Po-201

MAT 8410

84-Po-201

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



34

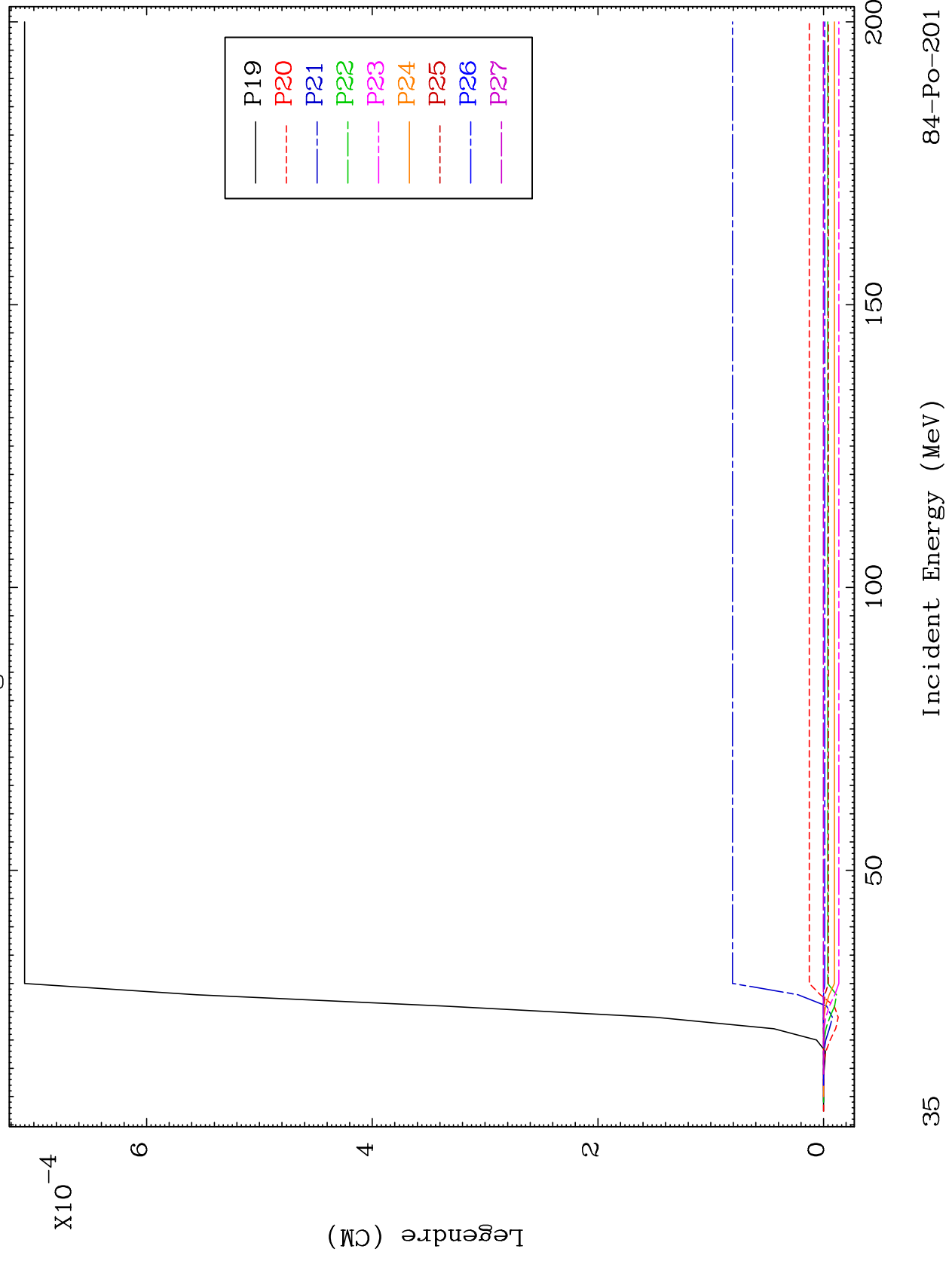
Incident Energy (MeV)

84-Po-201

MAT 8410

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

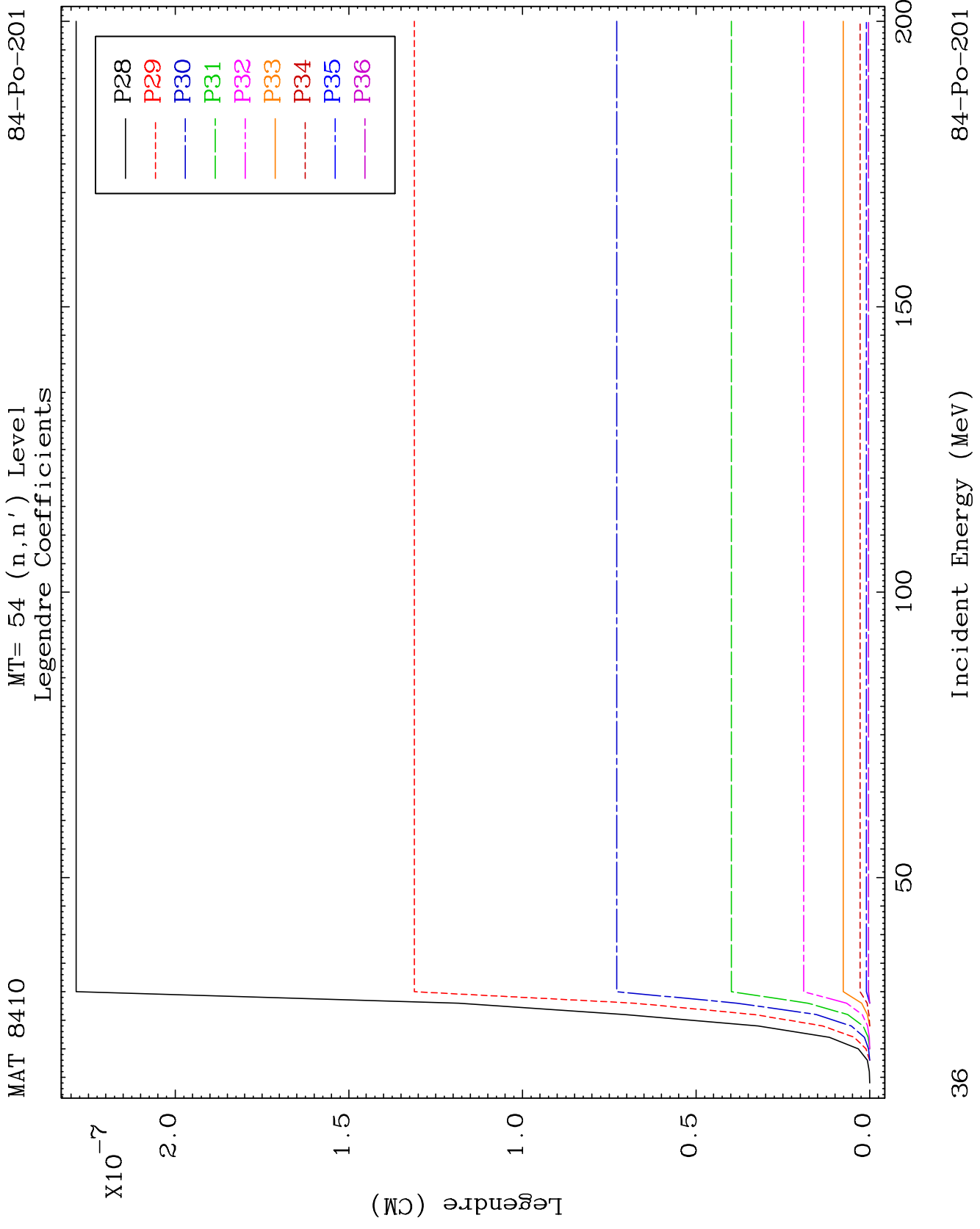
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35

Incident Energy (MeV)

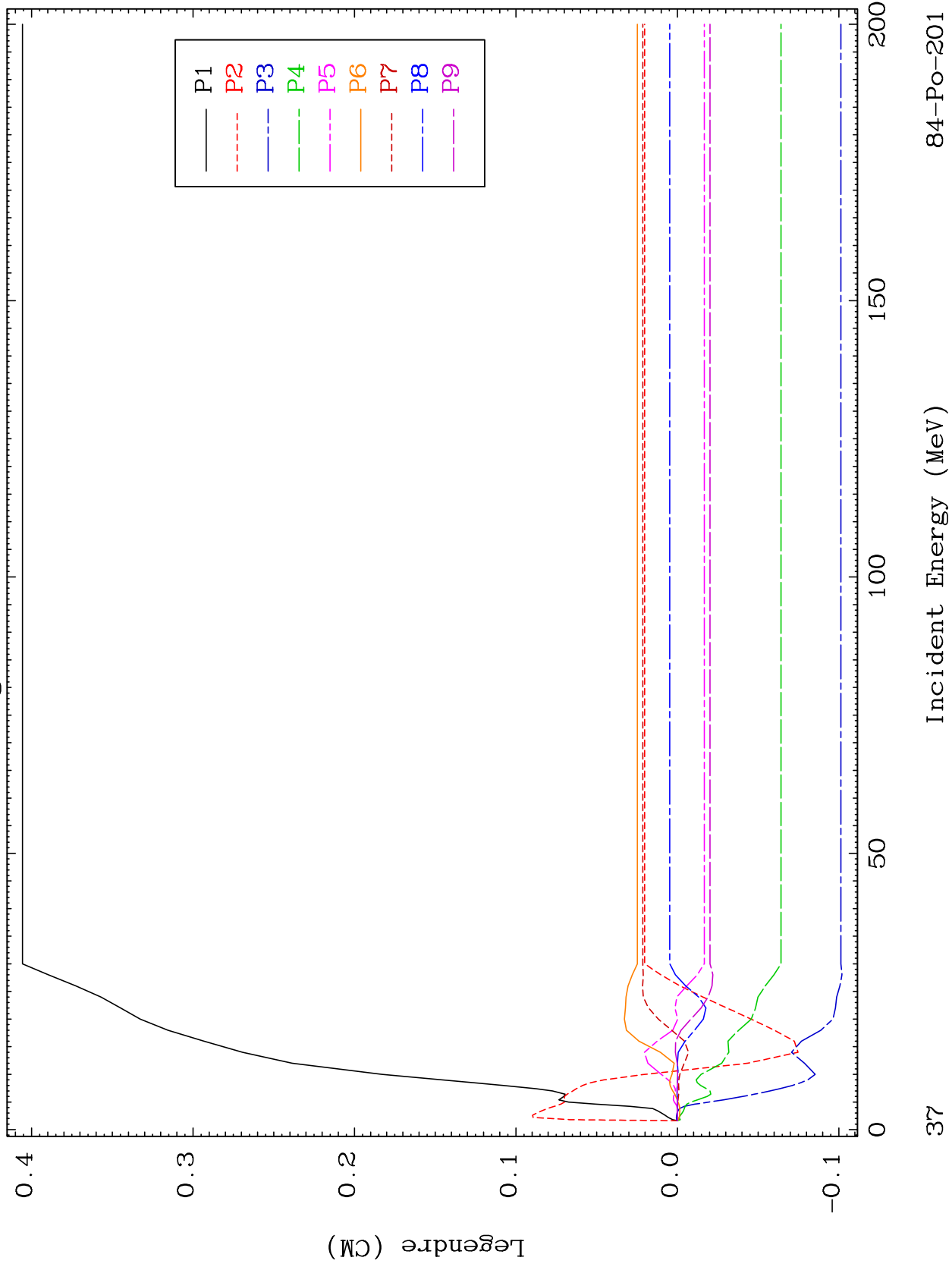
84-Po-201



MAT 8410

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

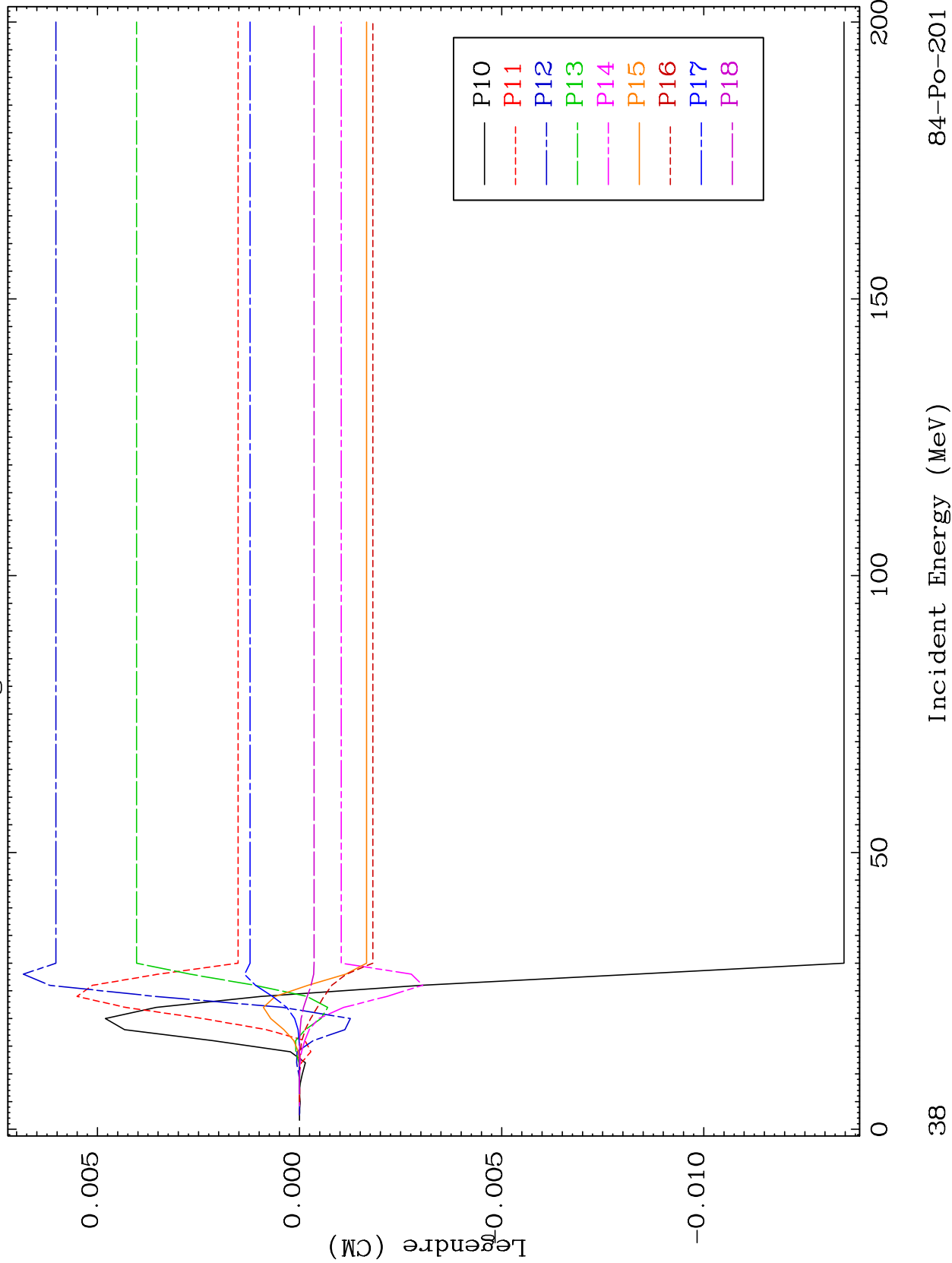
84-Po-201



MAT 8410

84-Po-201

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



38

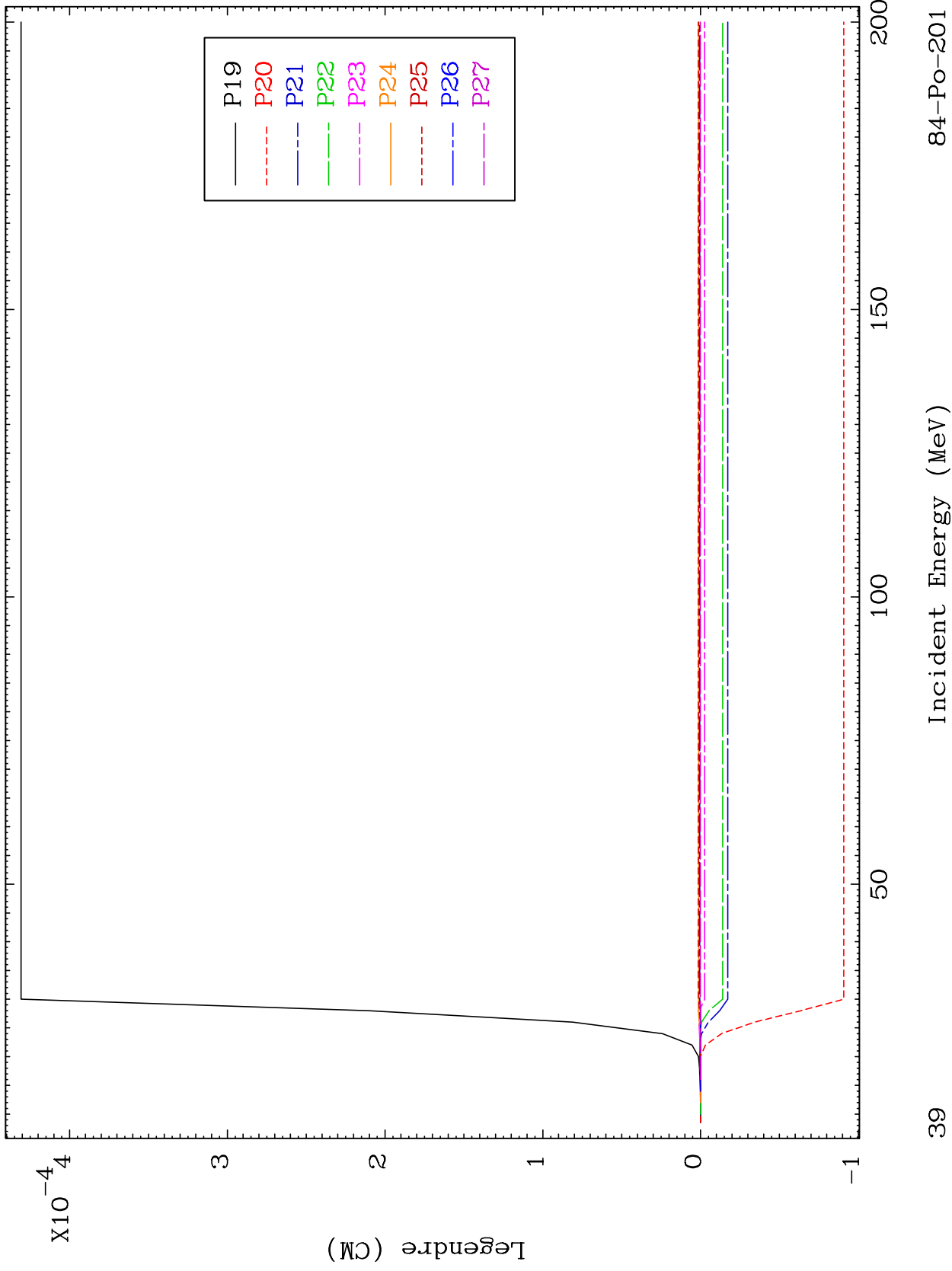
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



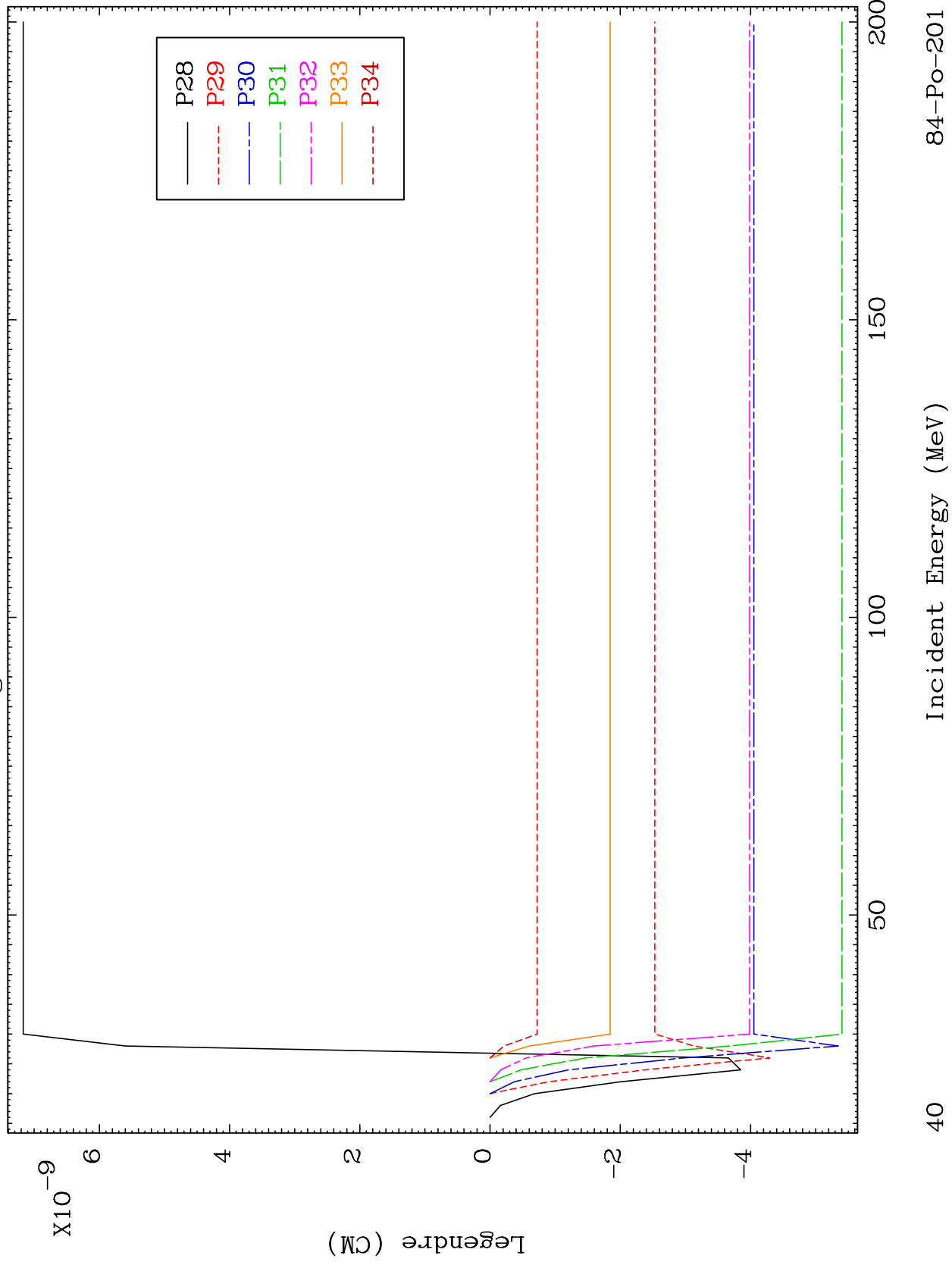
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84-Po-201

MAT 8410

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

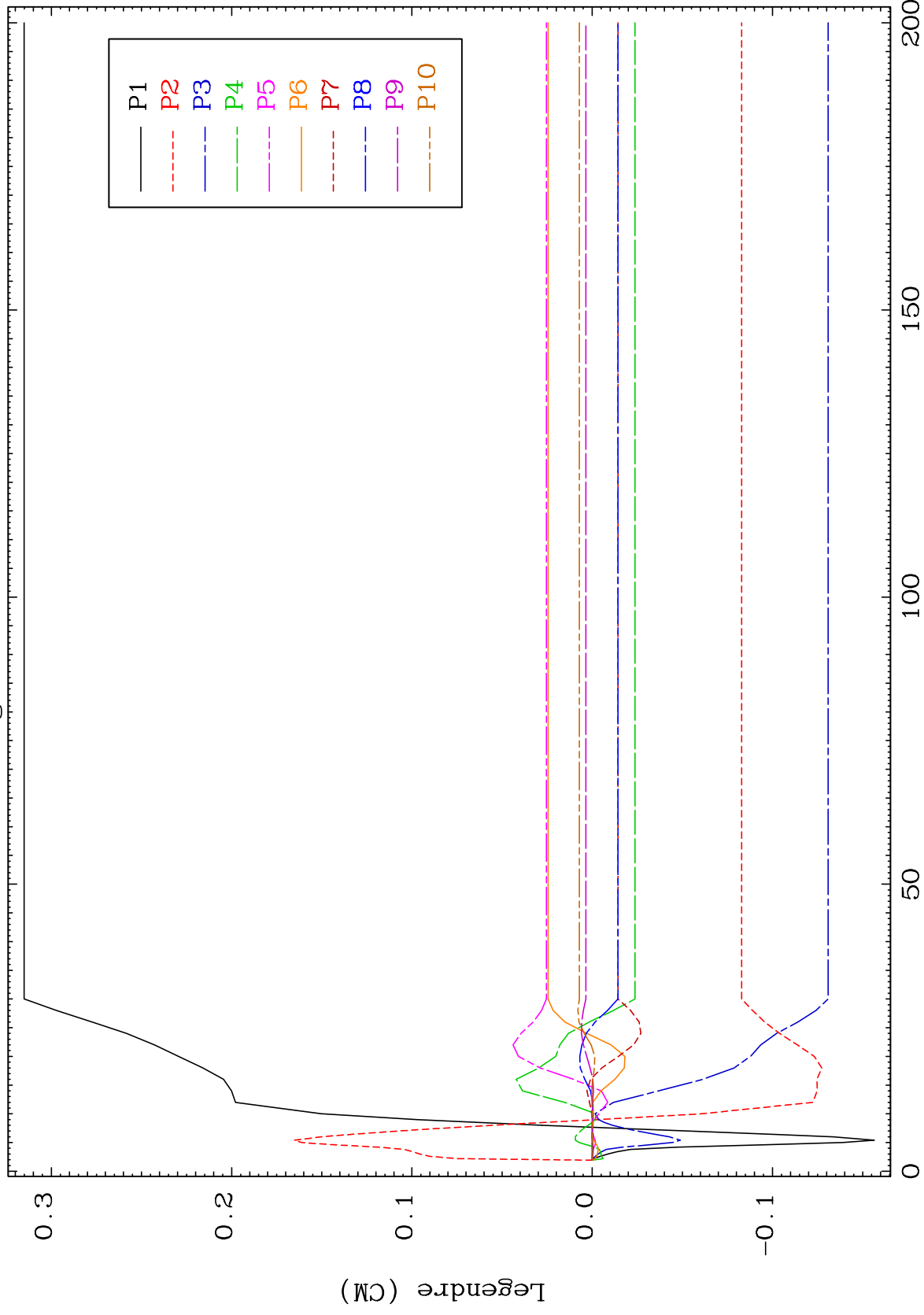
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MAT 8410

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

84-Po-201



41

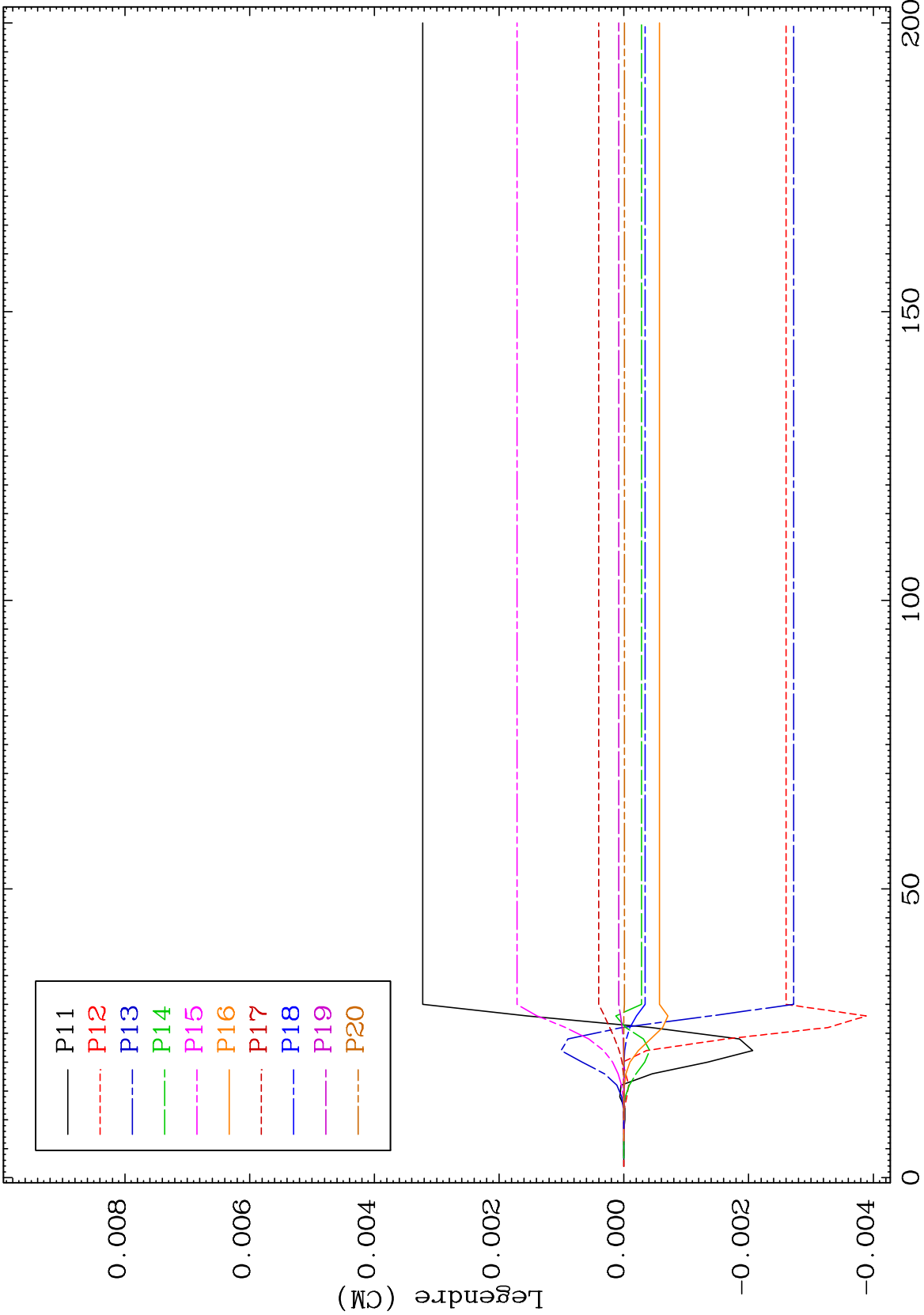
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



42

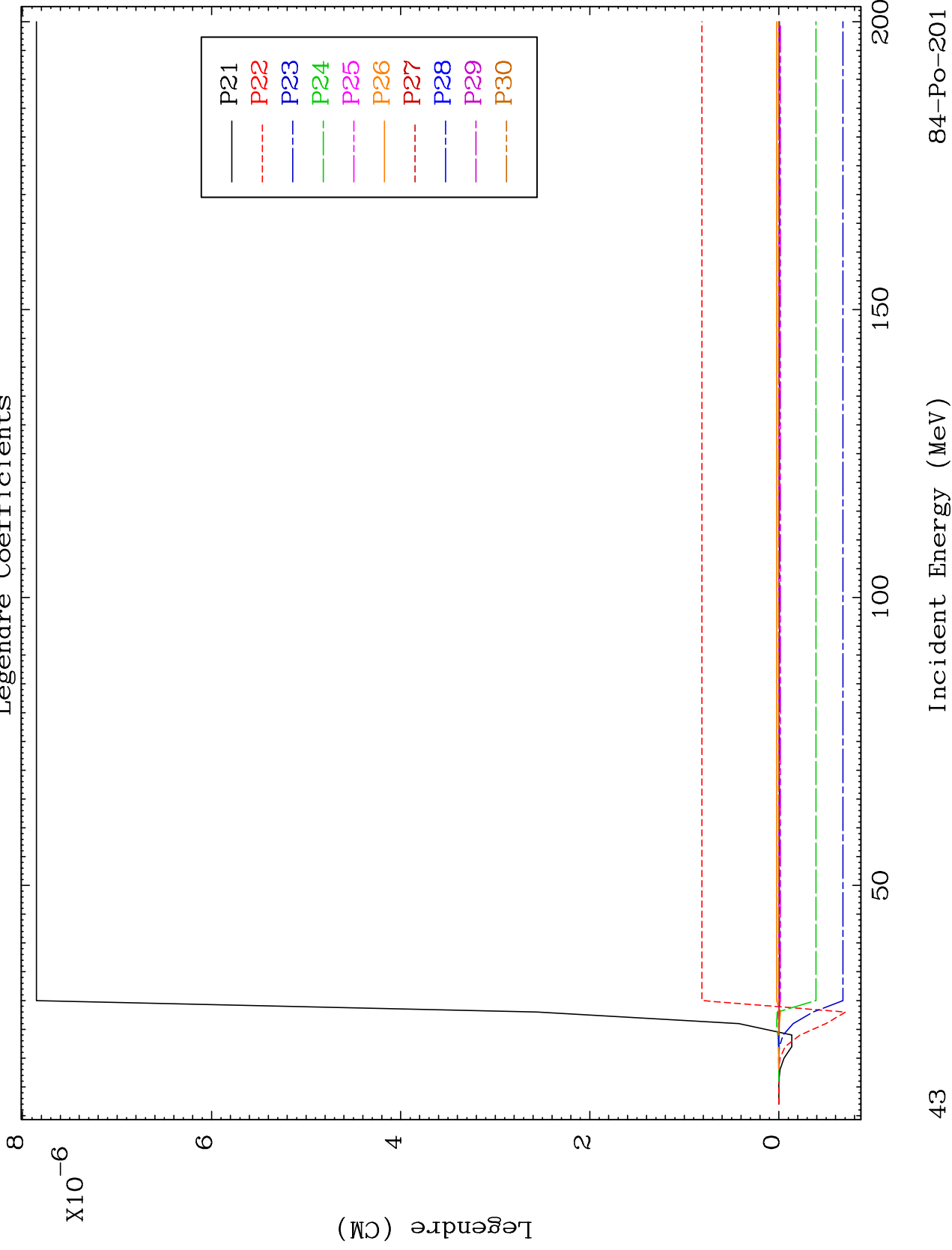
Incident Energy (MeV)

84-Po-201

MAT 8410

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

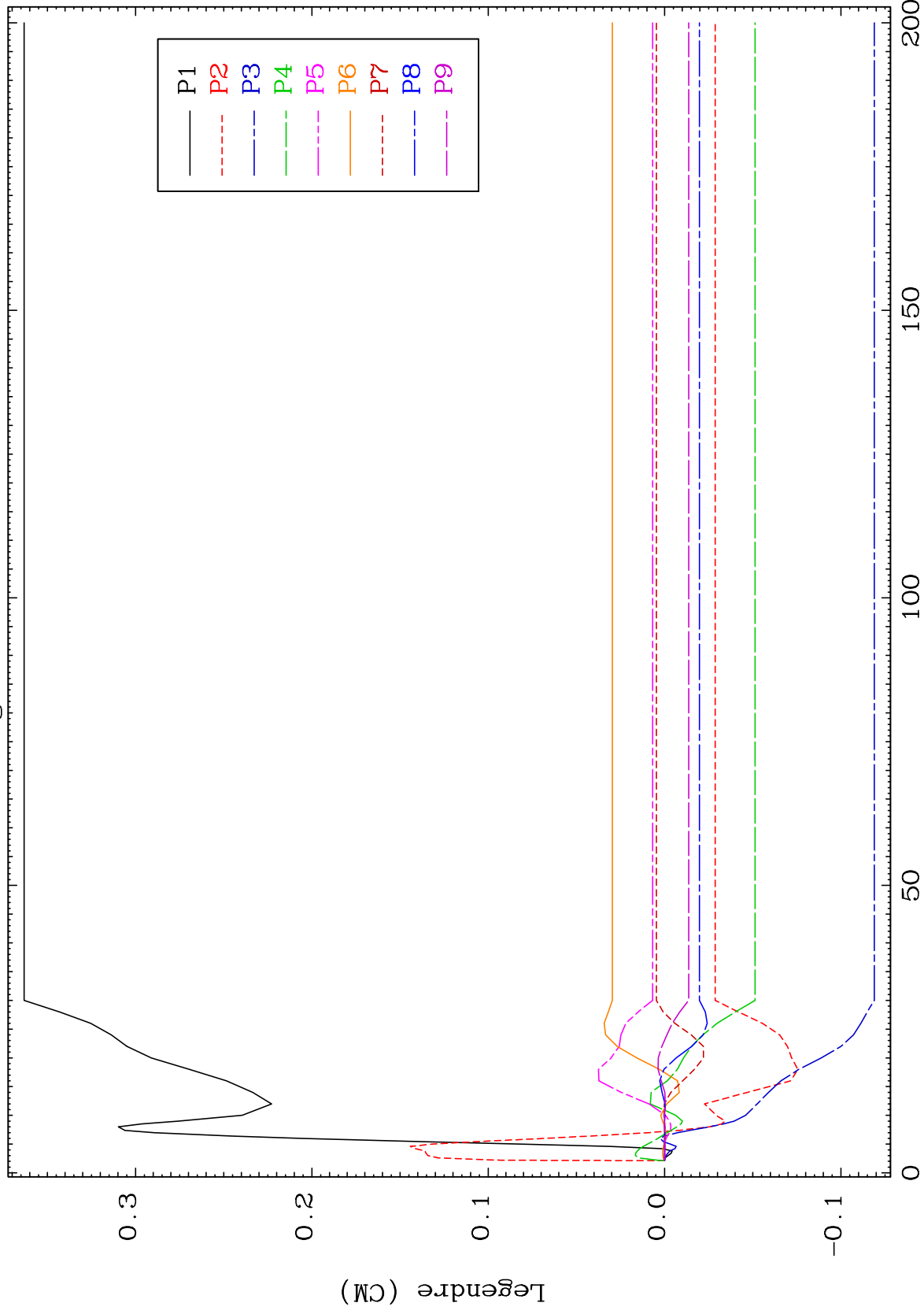
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MAT 8410

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

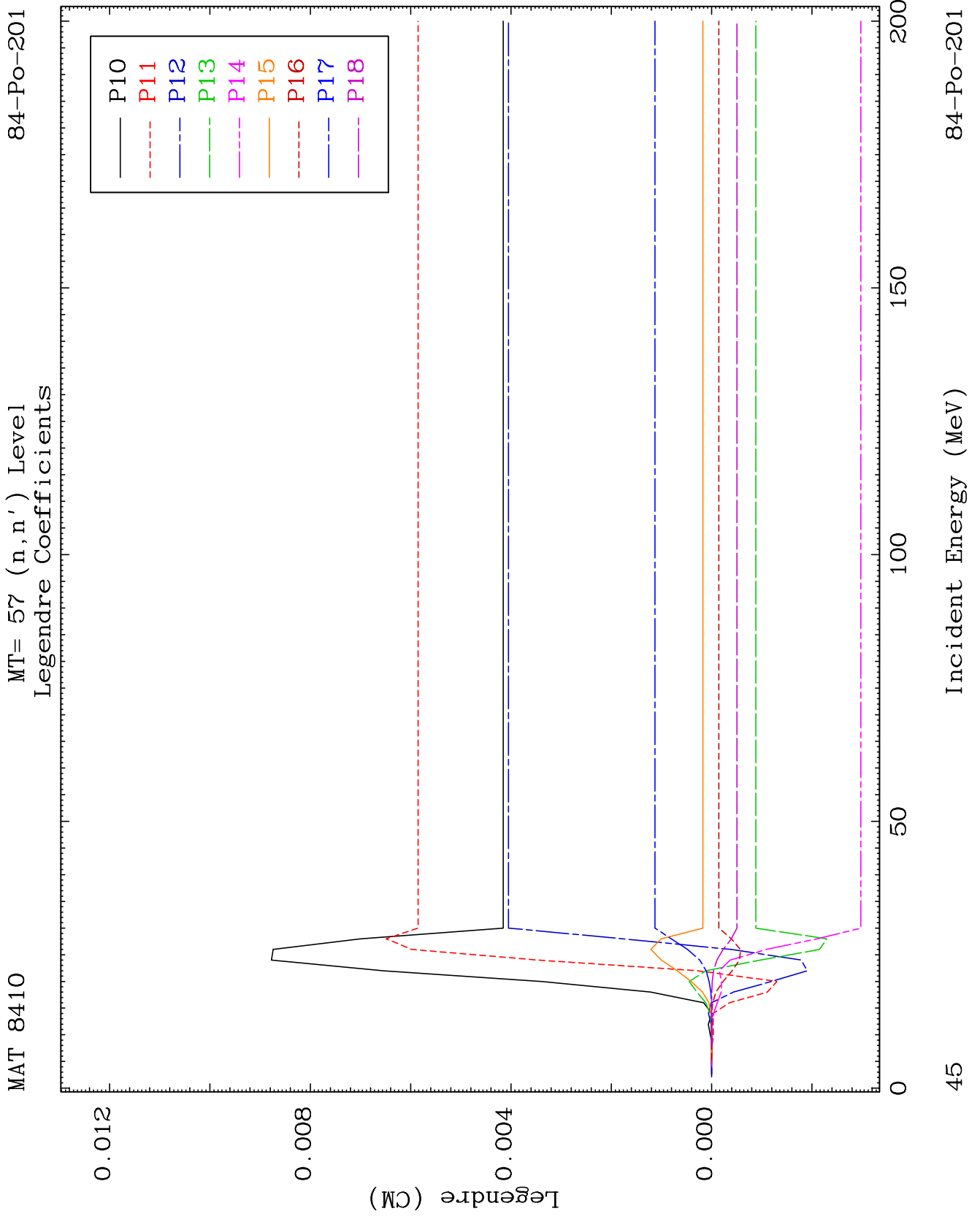
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44

Incident Energy (MeV)

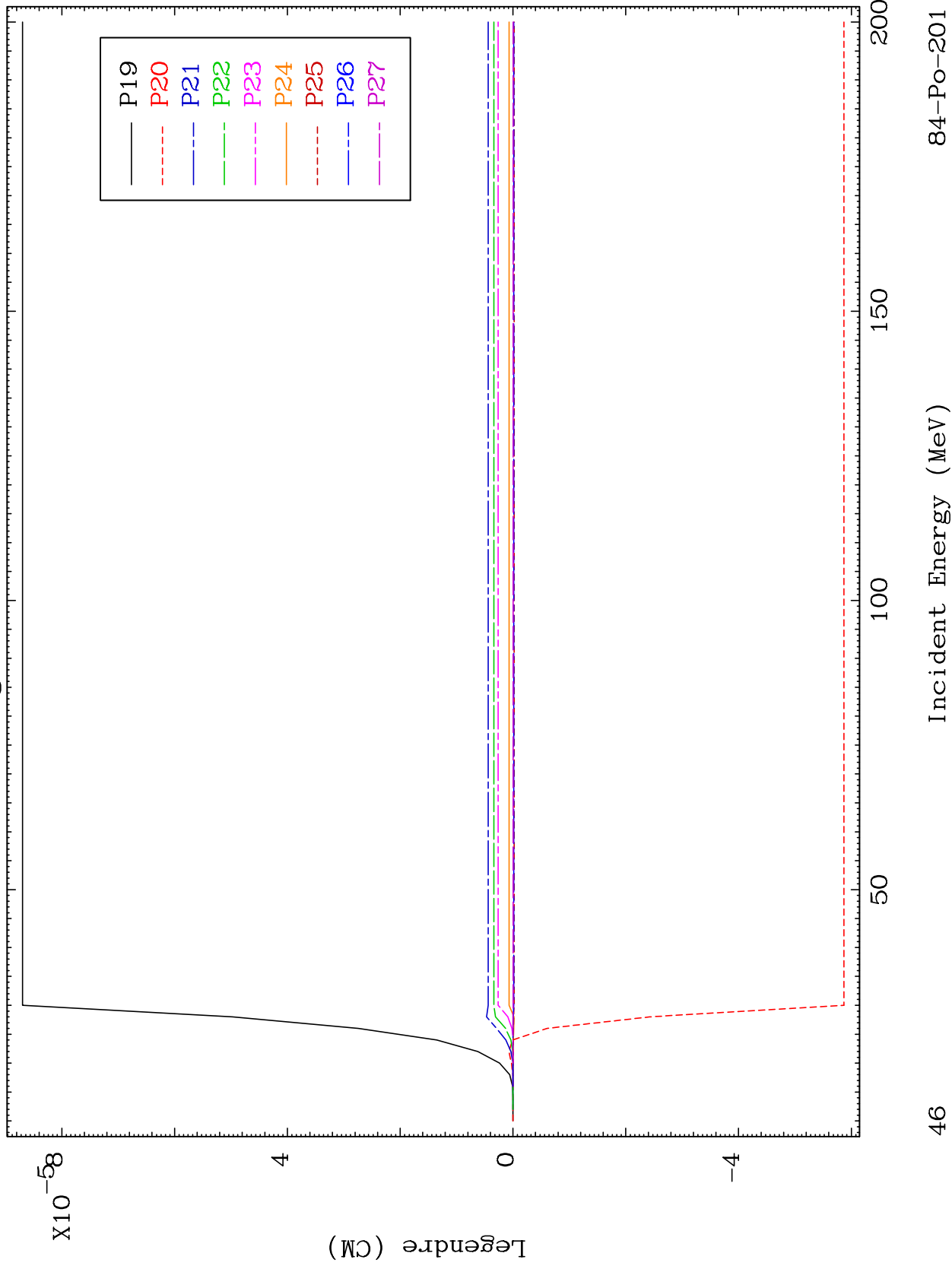
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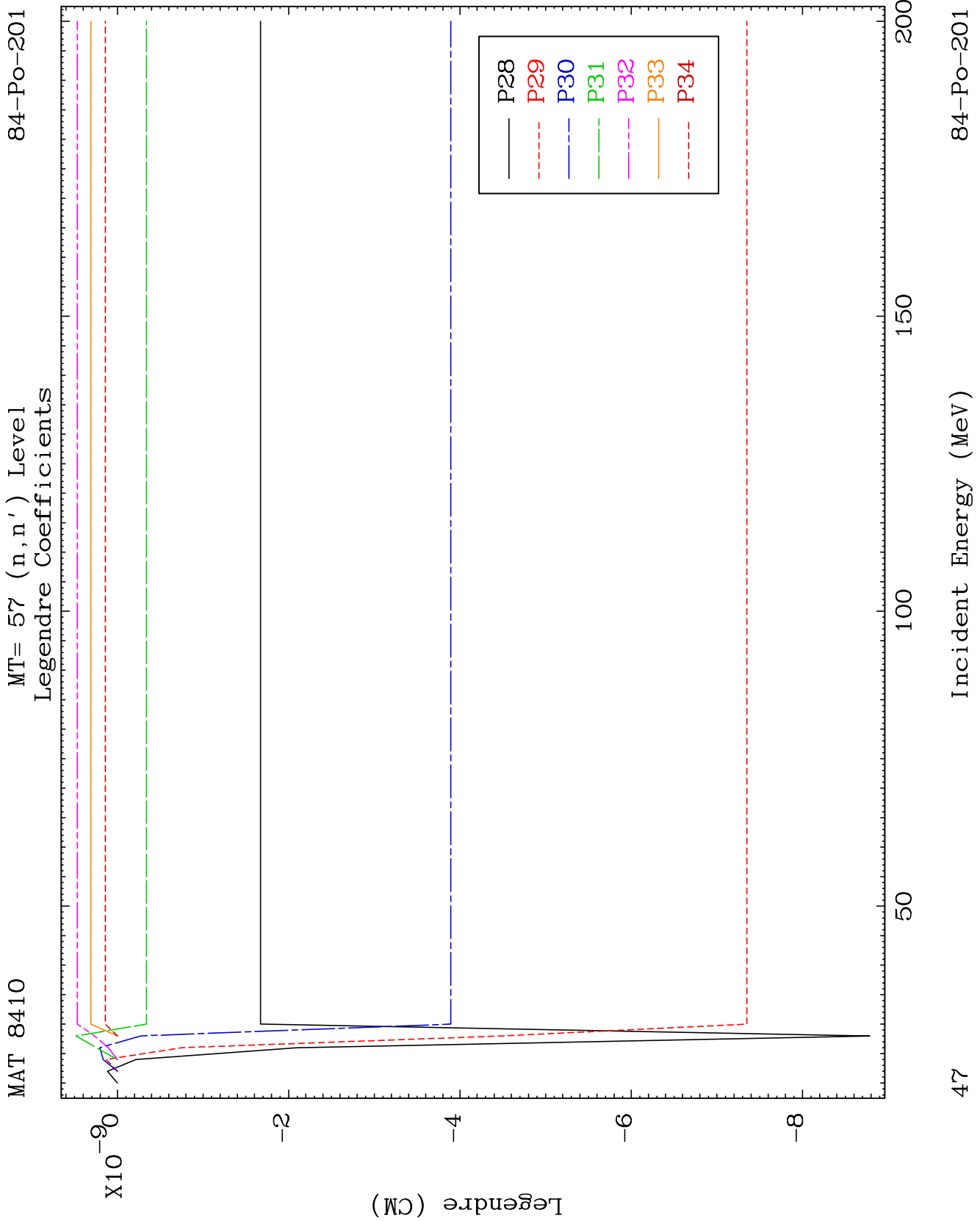


MAT 8410

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

84-Po-201

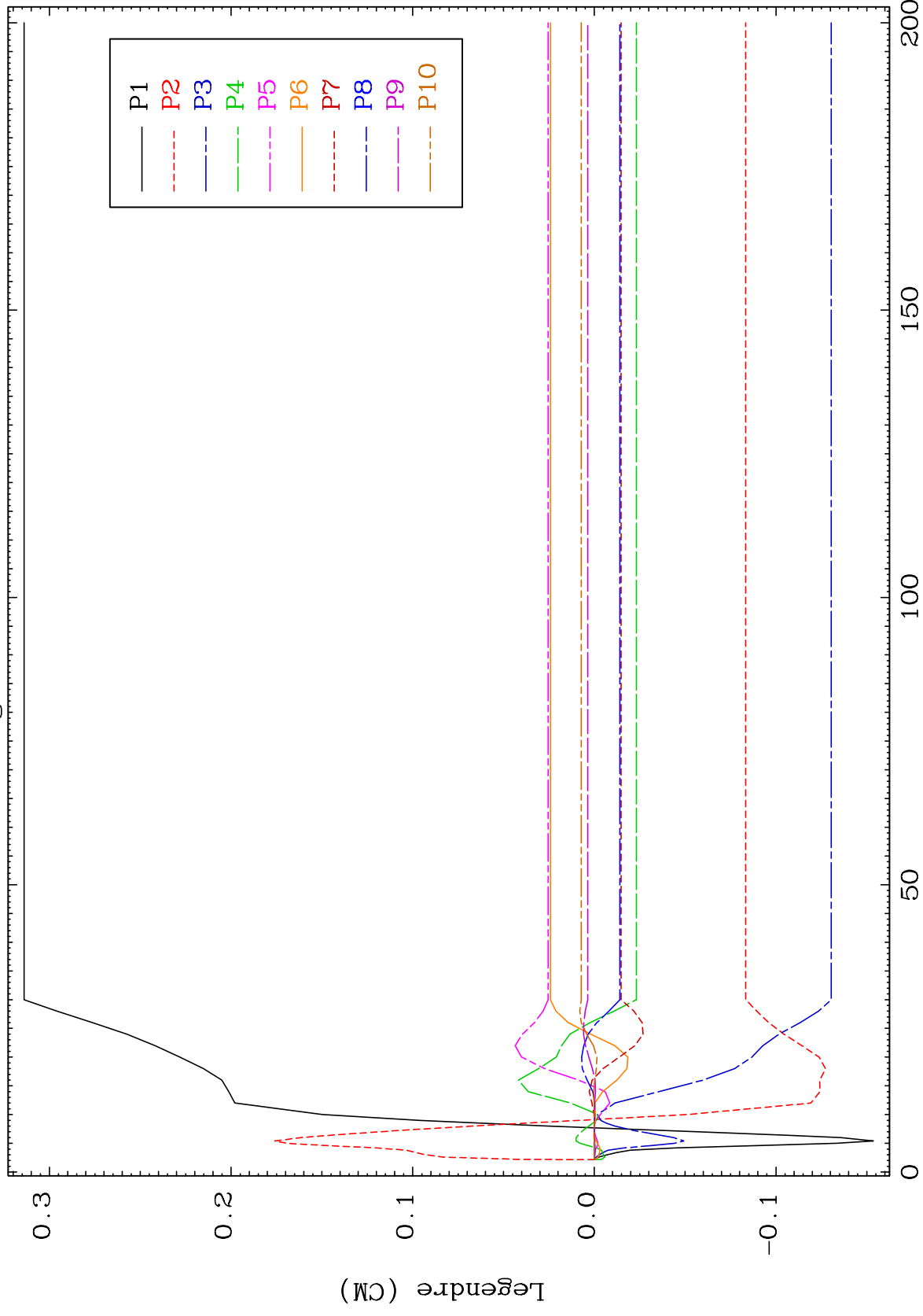




MAT 8410

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

84-Po-201



48

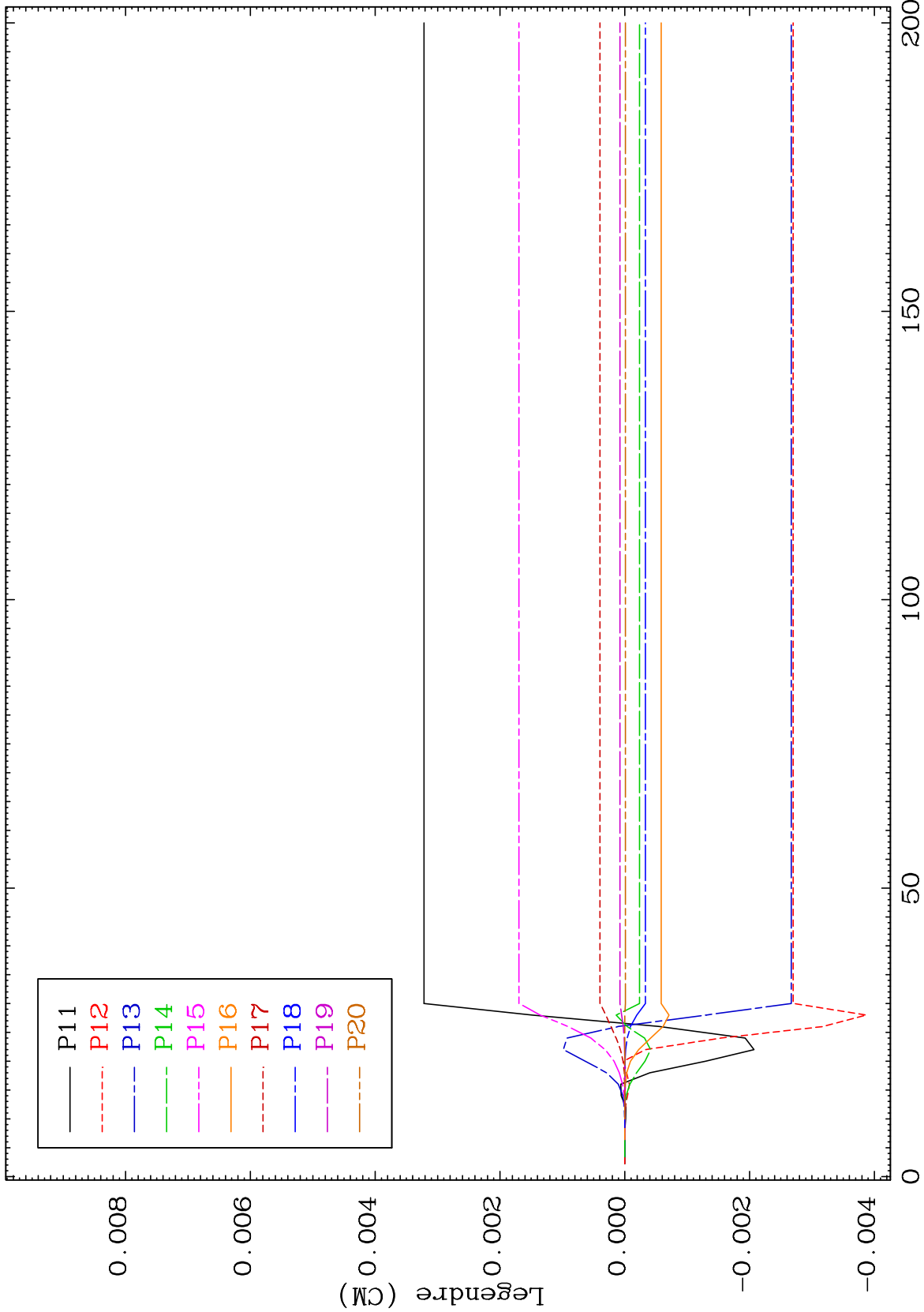
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



49

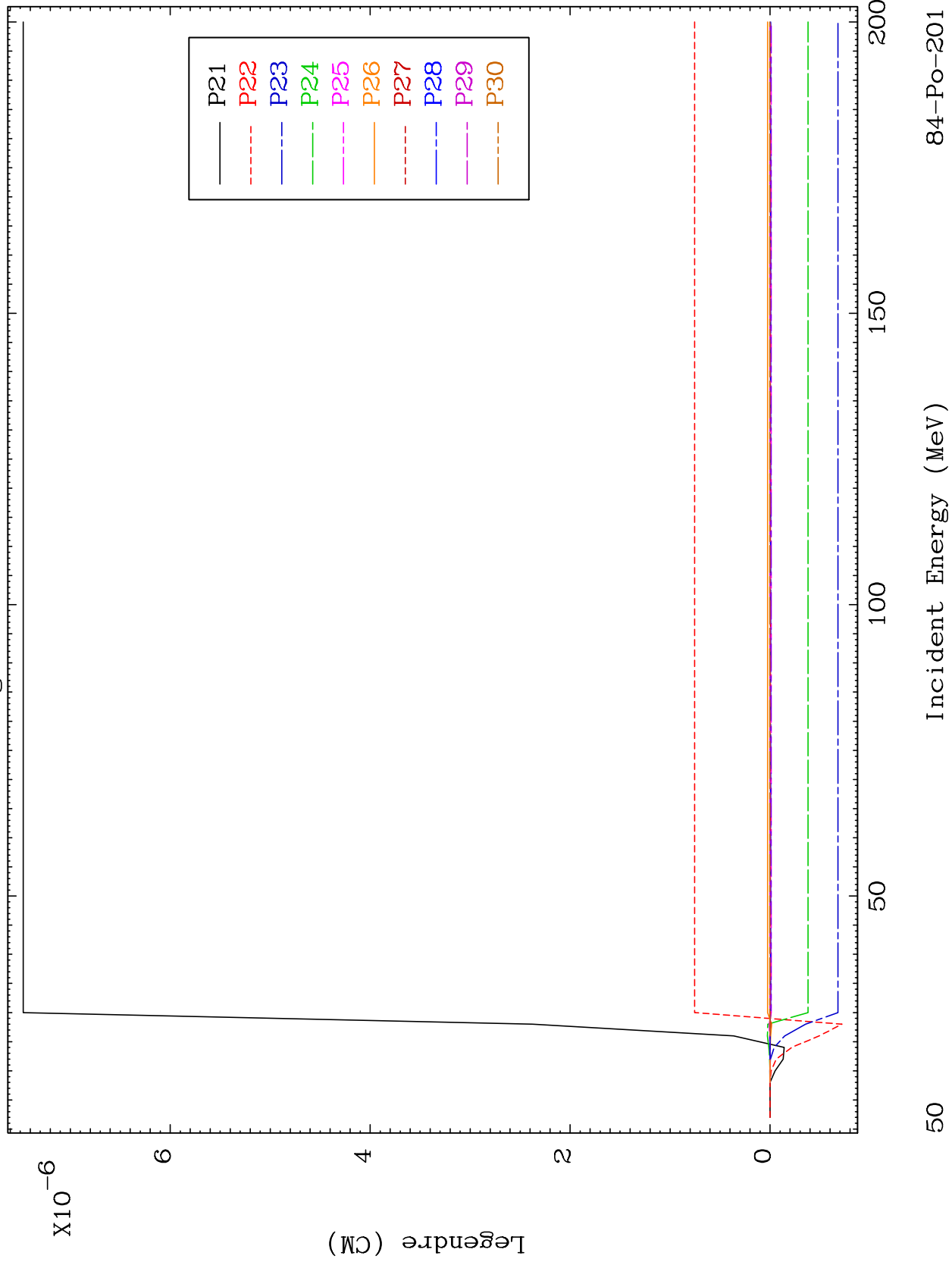
Incident Energy (MeV)

84-Po-201

MAT 8410

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

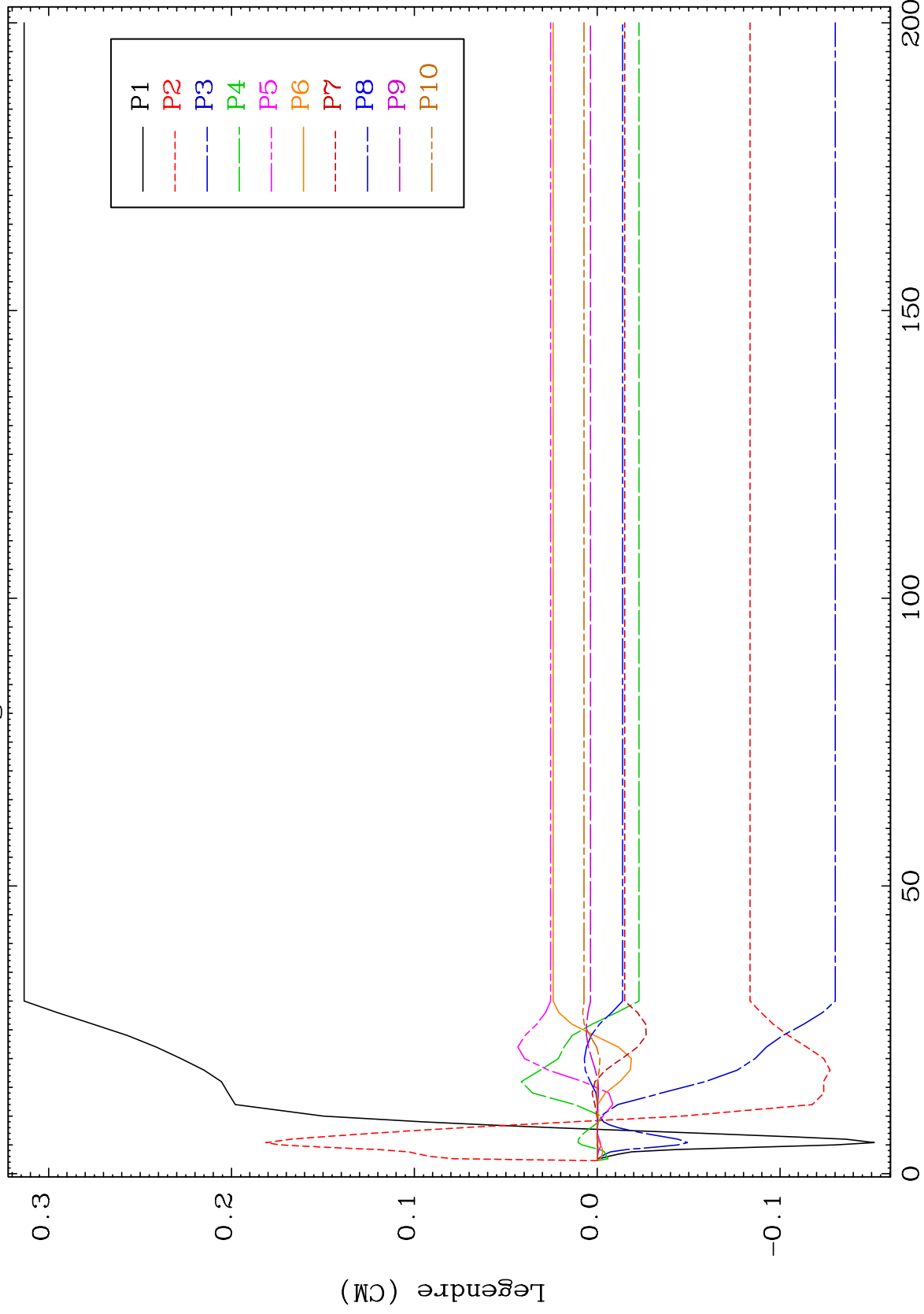
84-Po-201



MAT 8410

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

84-Po-201



51

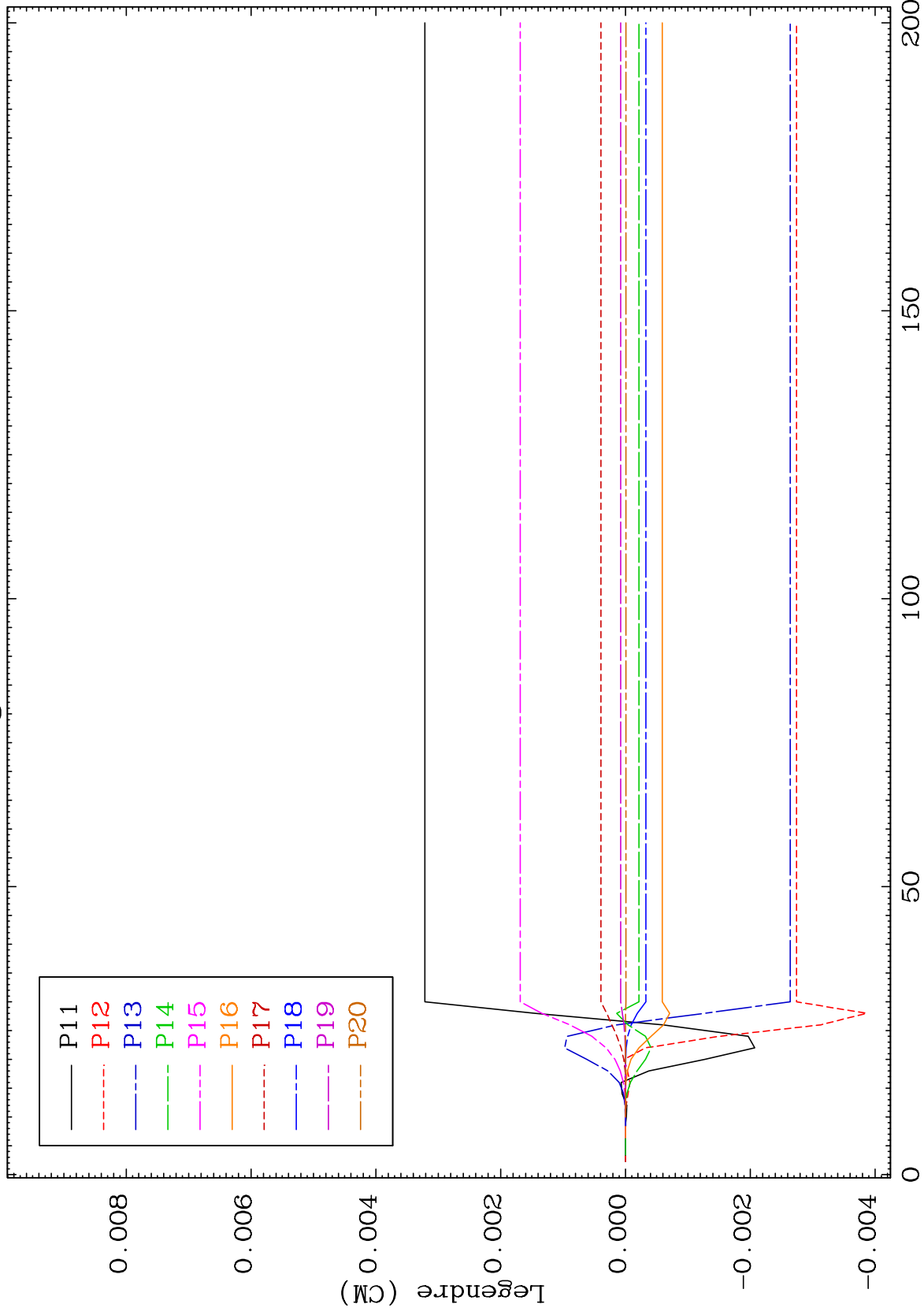
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



52

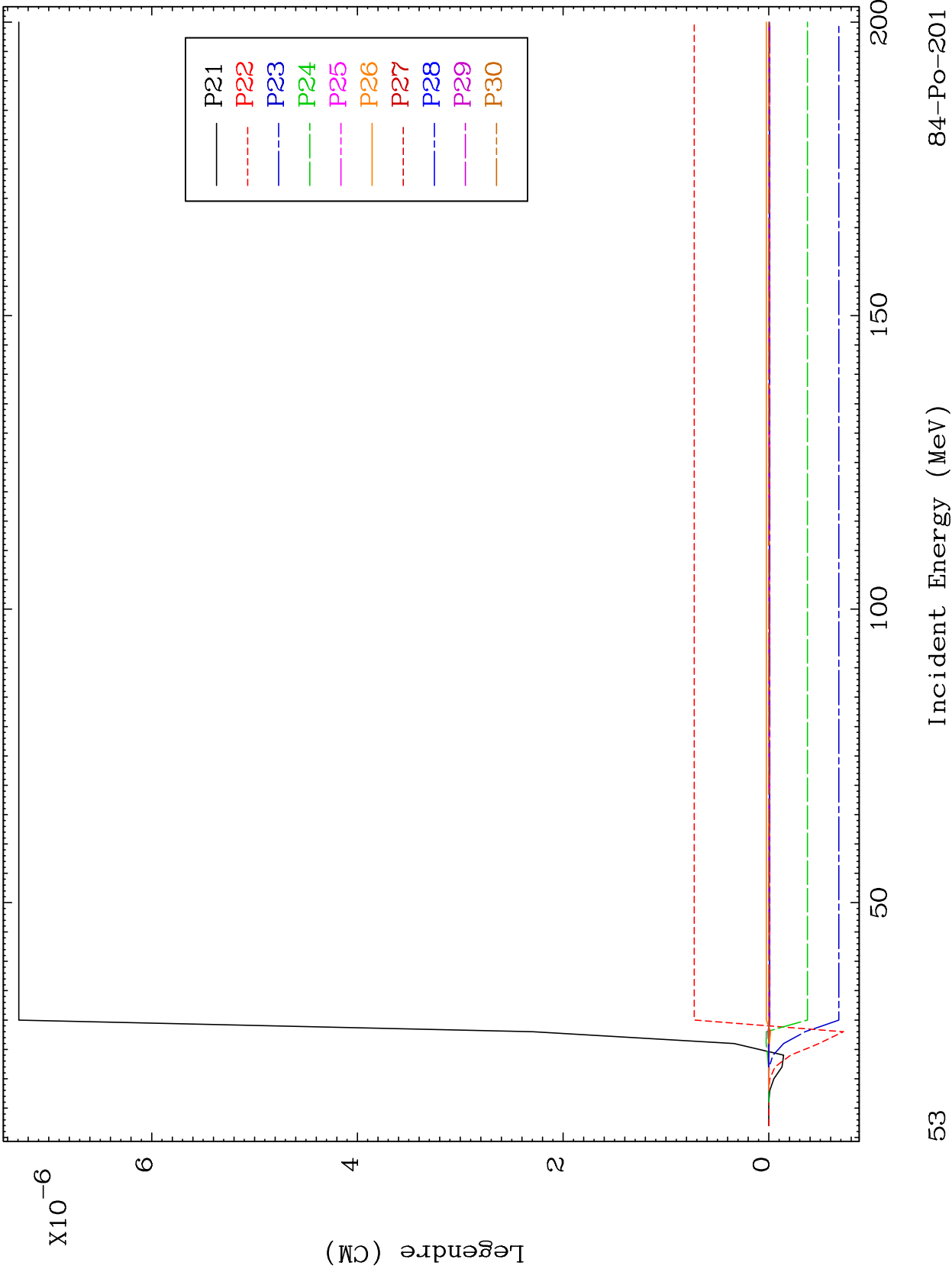
Incident Energy (MeV)

84-Po-201

MAT 8410

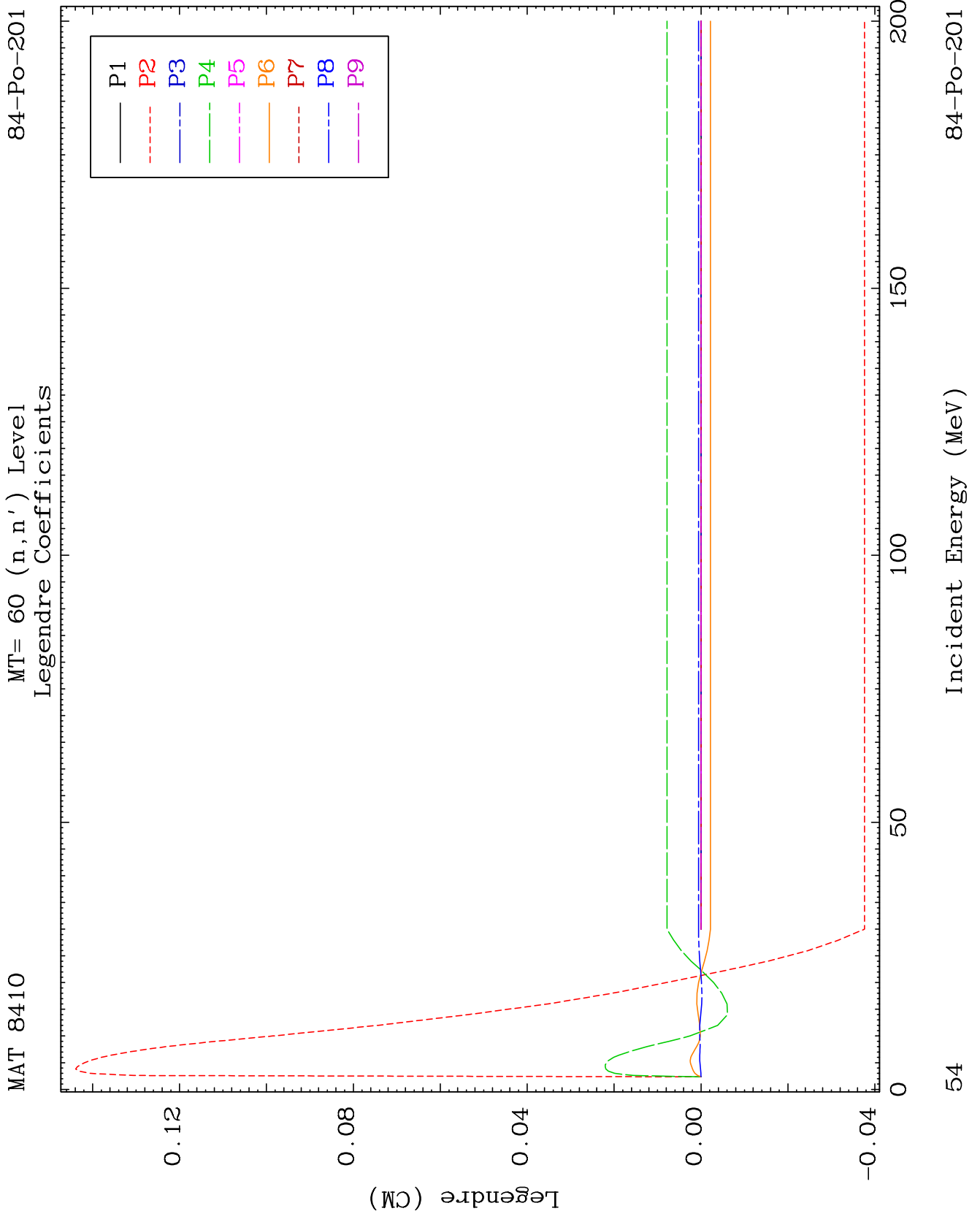
MT= 59 (n,n') Level
Legendre Coefficients

84-Po-201



53

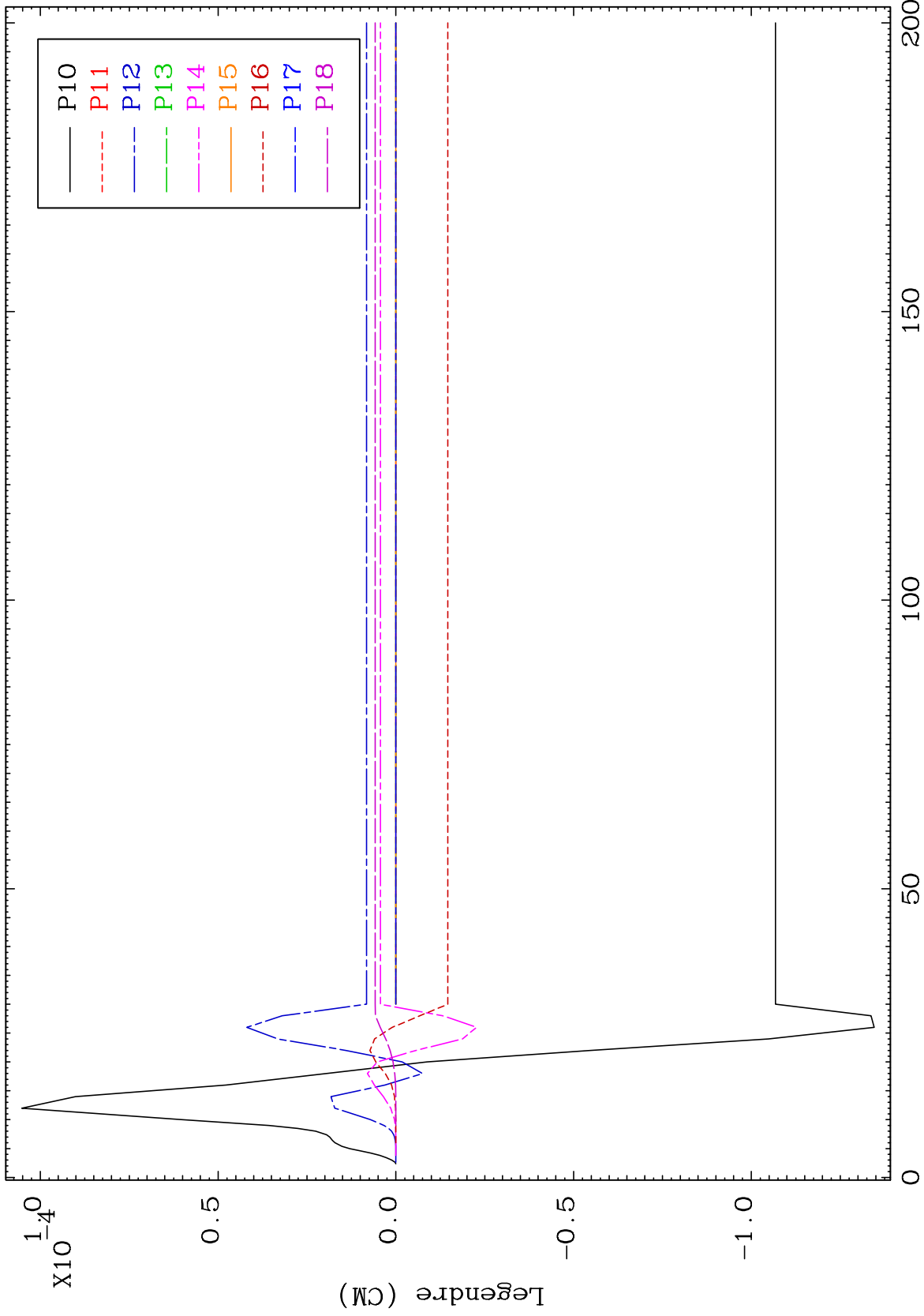
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MAT 8410

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

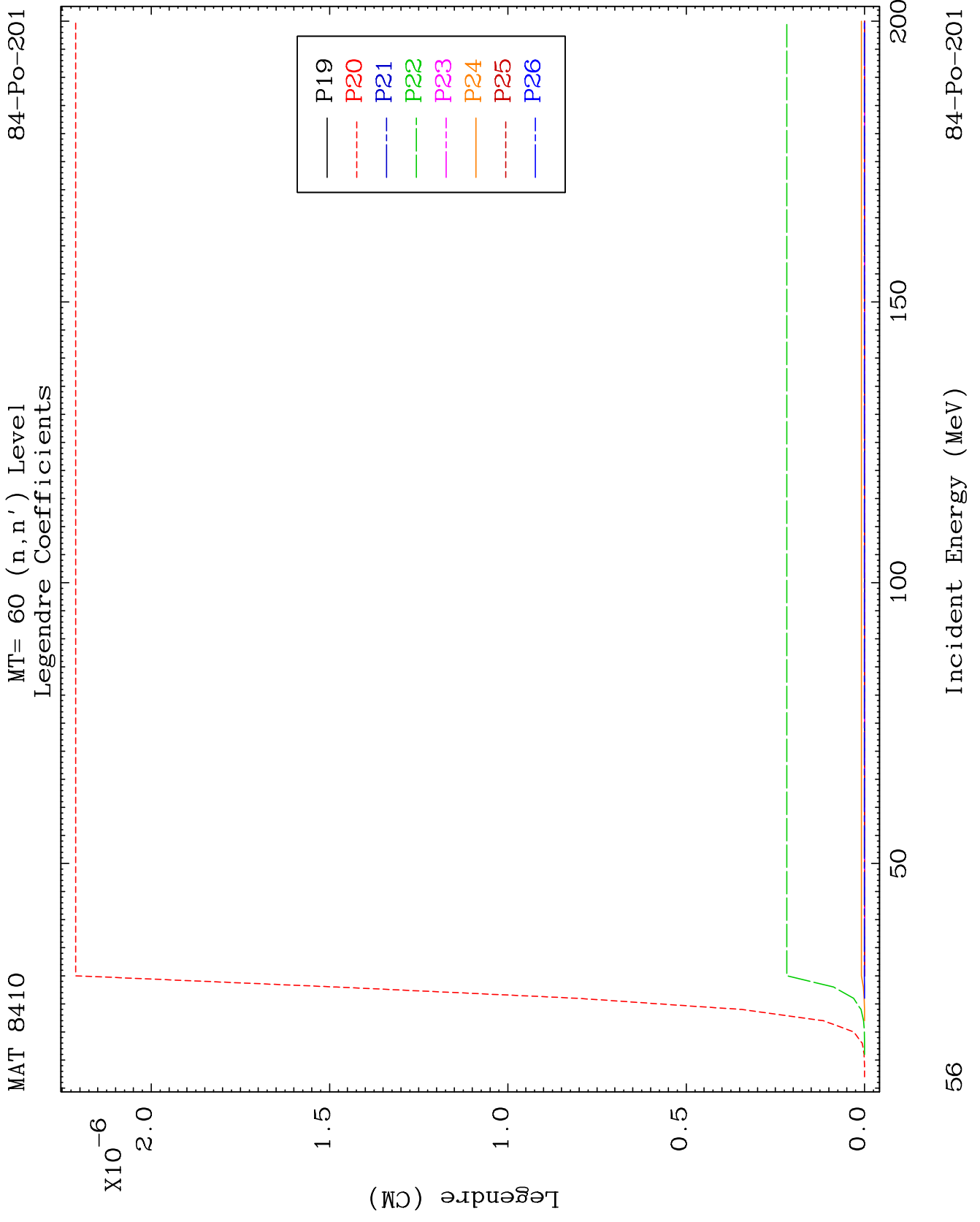
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55

Incident Energy (MeV)

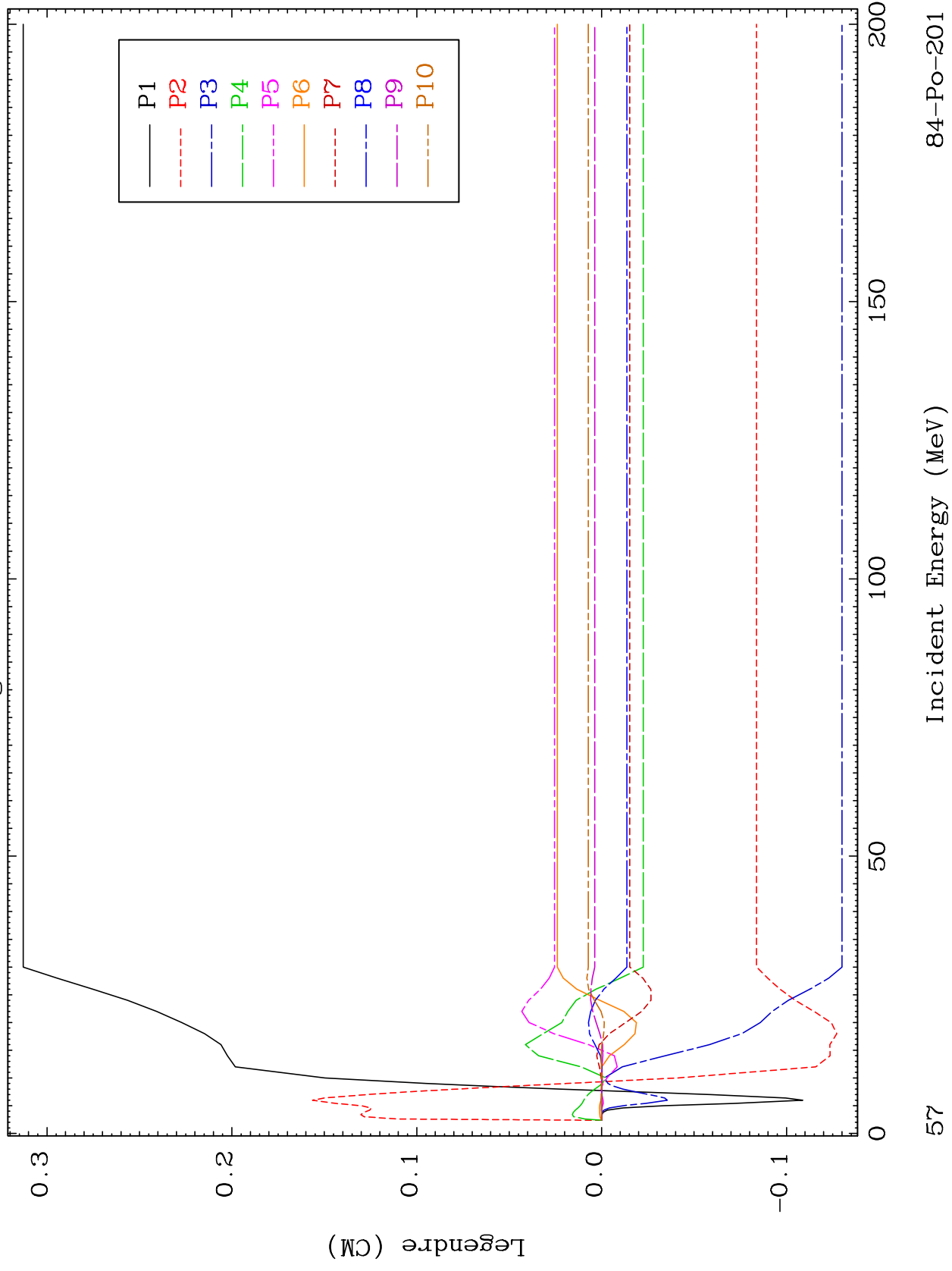
84-Po-201



MAT 8410

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

84-Po-201



57

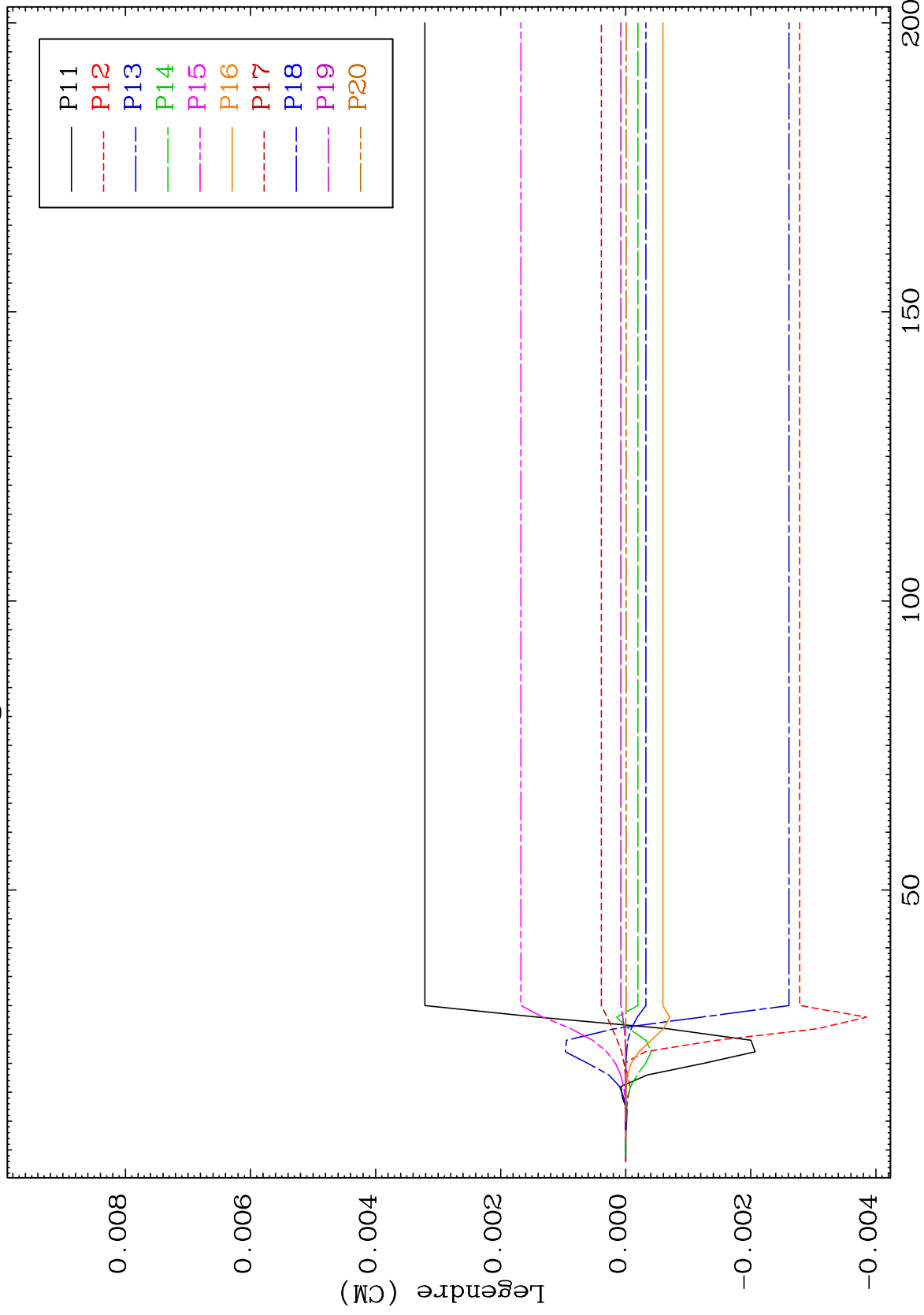
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



58

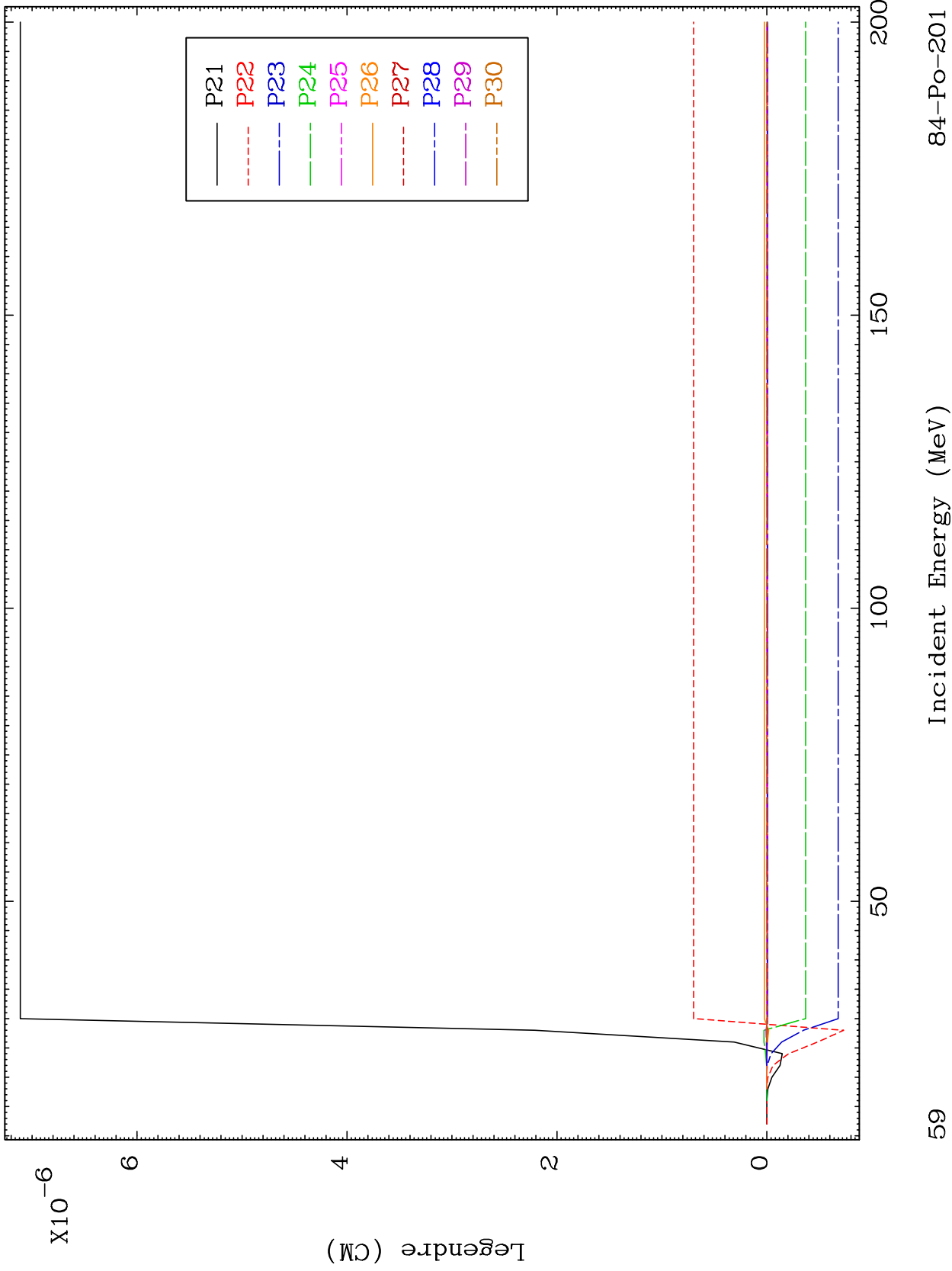
Incident Energy (MeV)

84-Po-201

MAT 8410

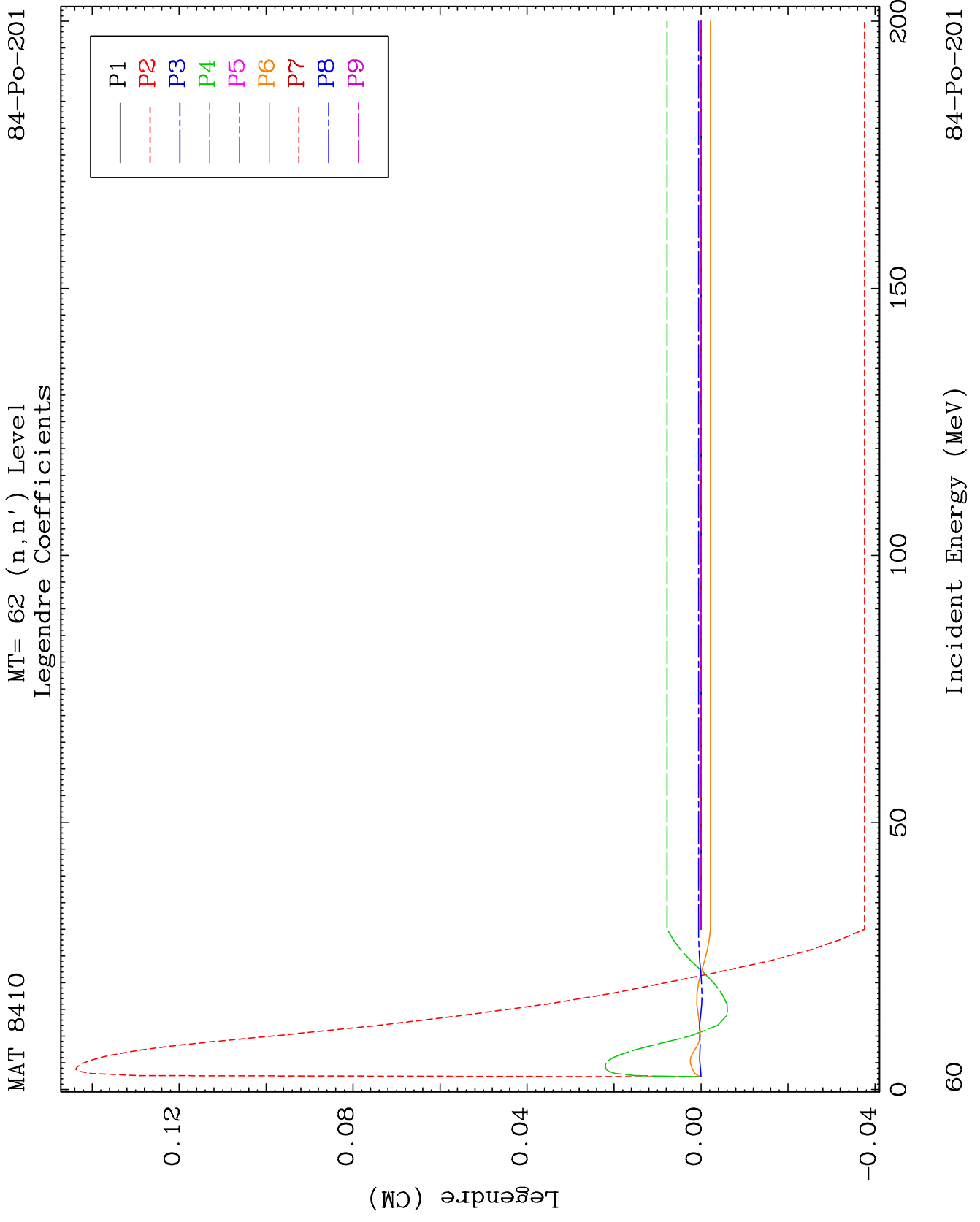
MT= 61 (n,n') Level
Legendre Coefficients

84-Po-201



59

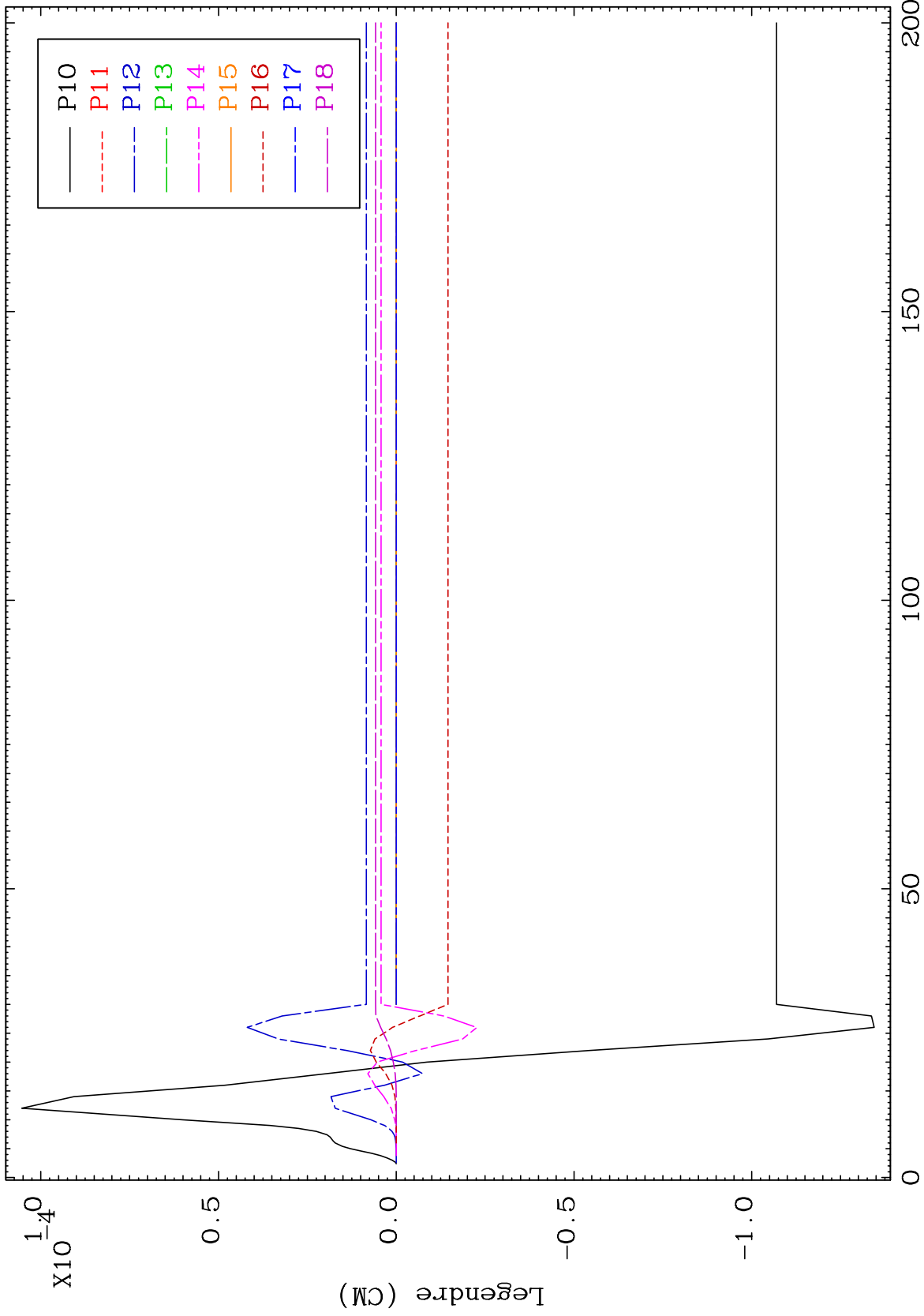
84-Po-201



MAT 8410

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

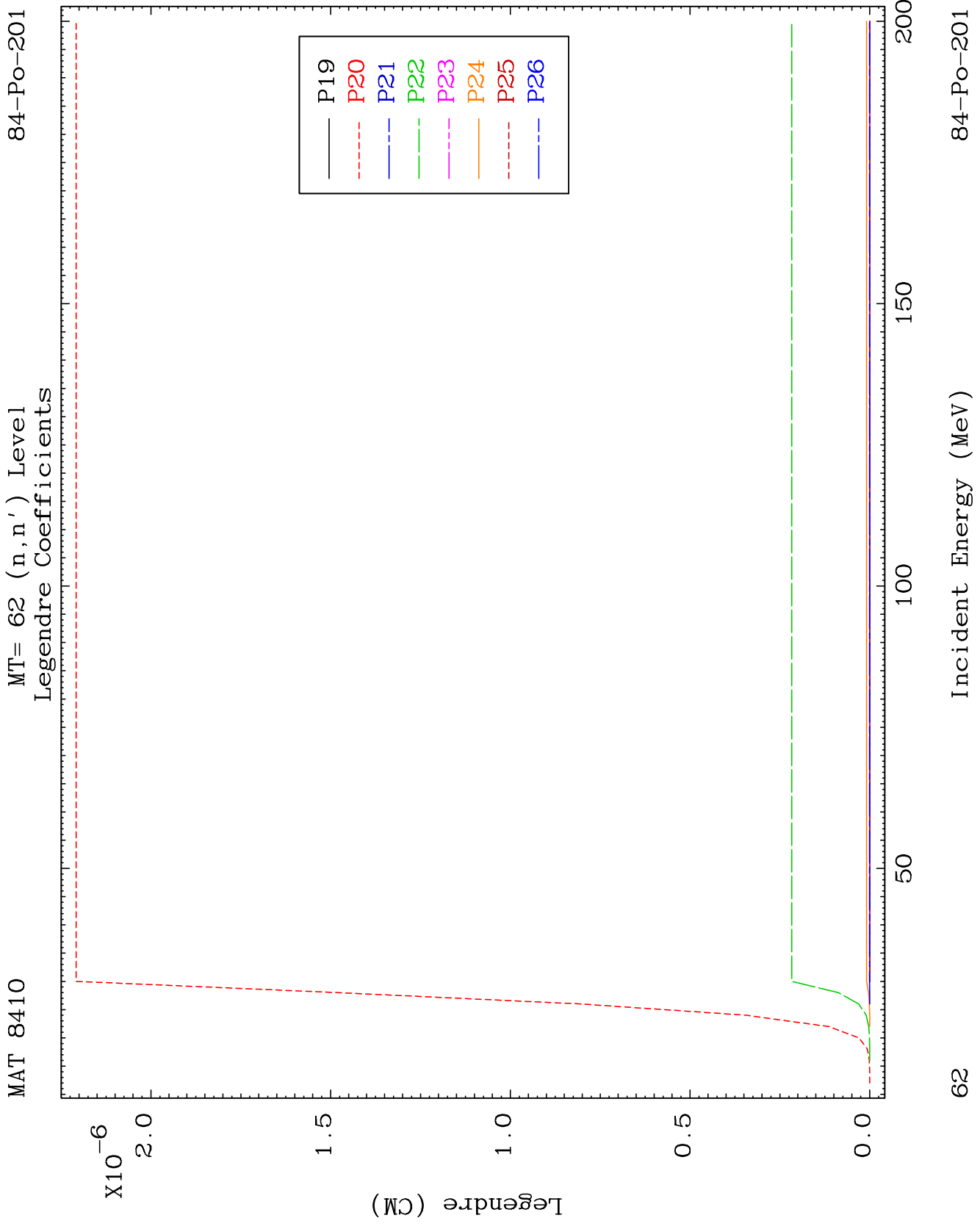
84-Po-201



61

Incident Energy (MeV)

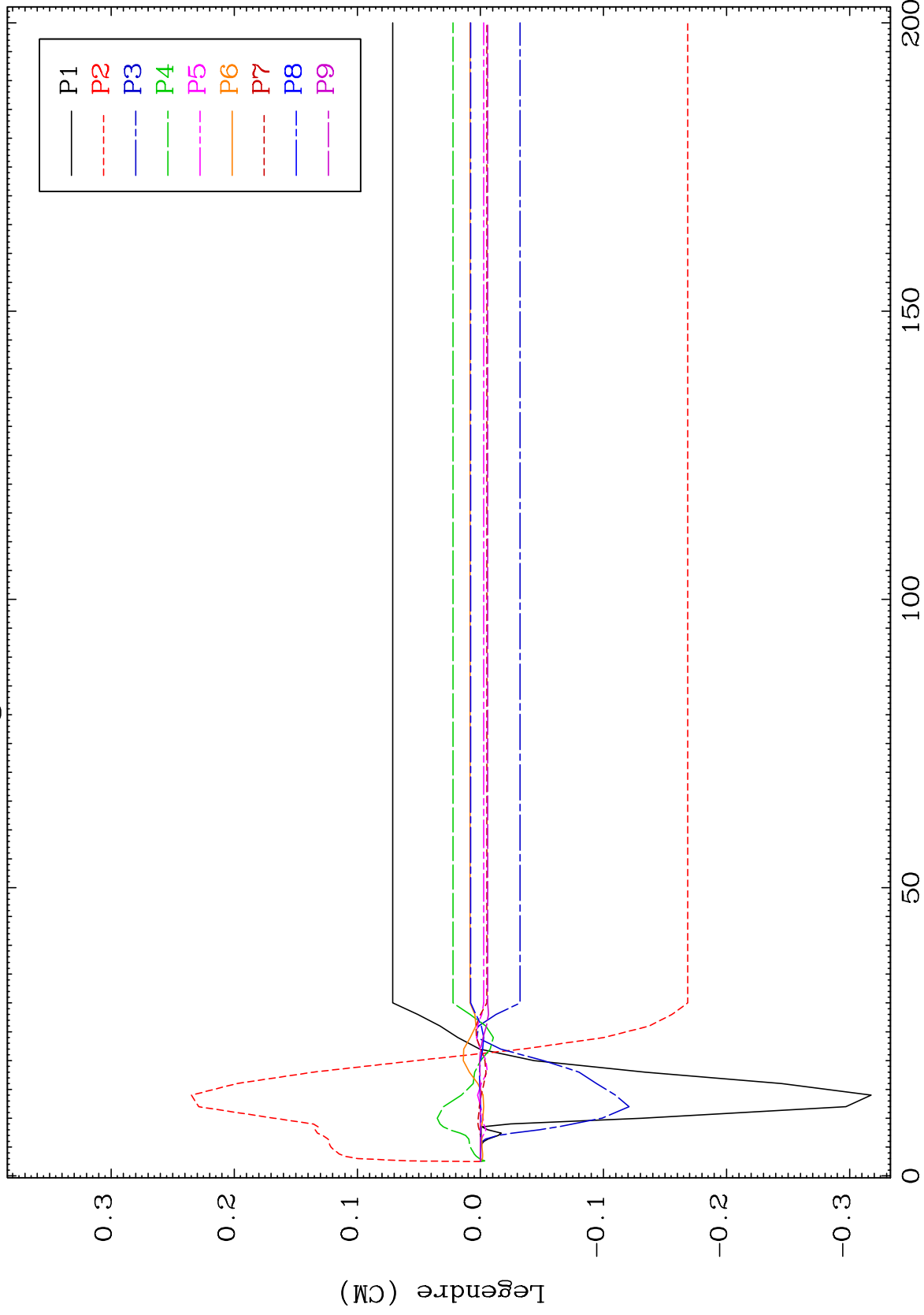
84-Po-201



MAT 8410

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

84-Po-201



63

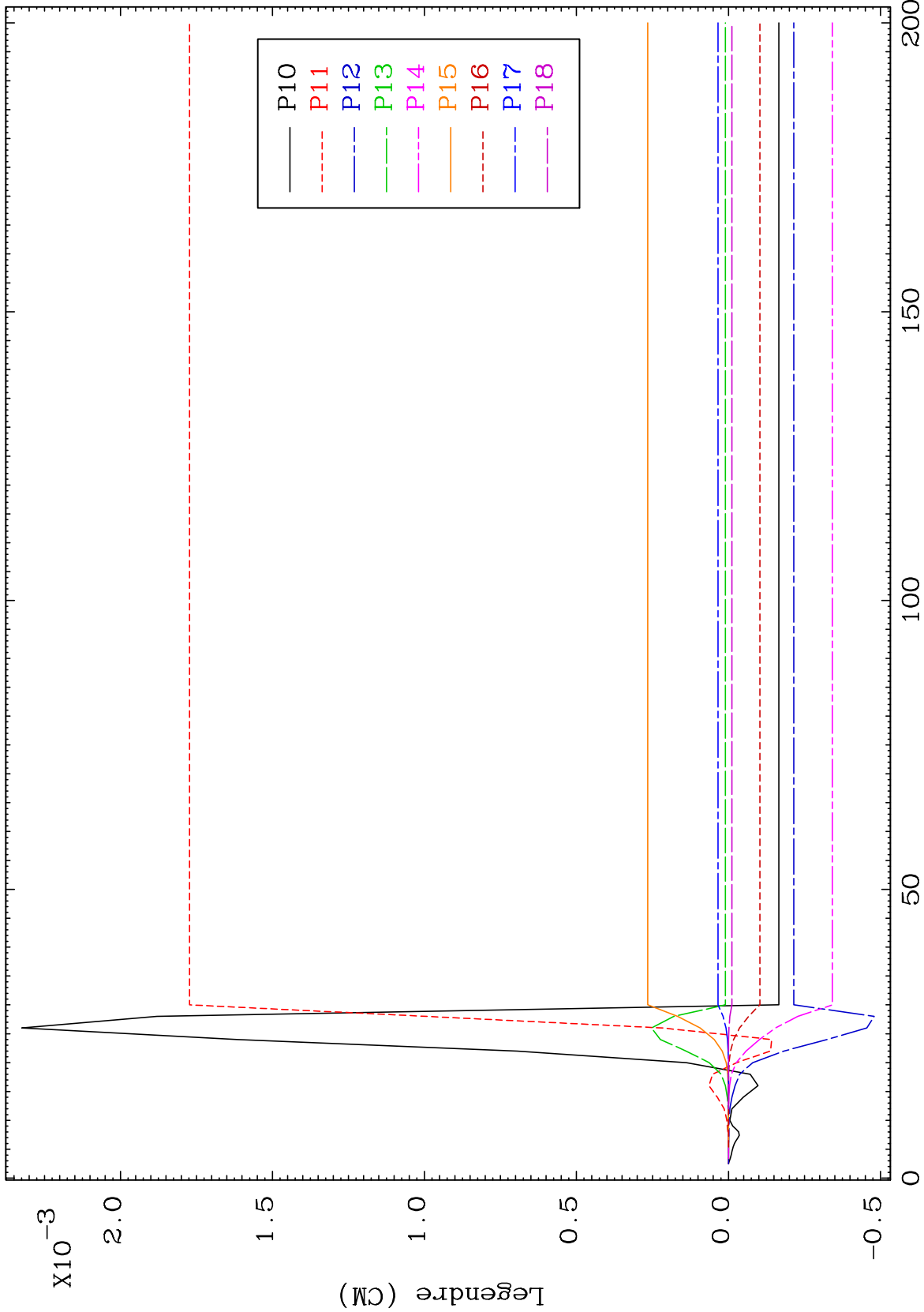
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



64

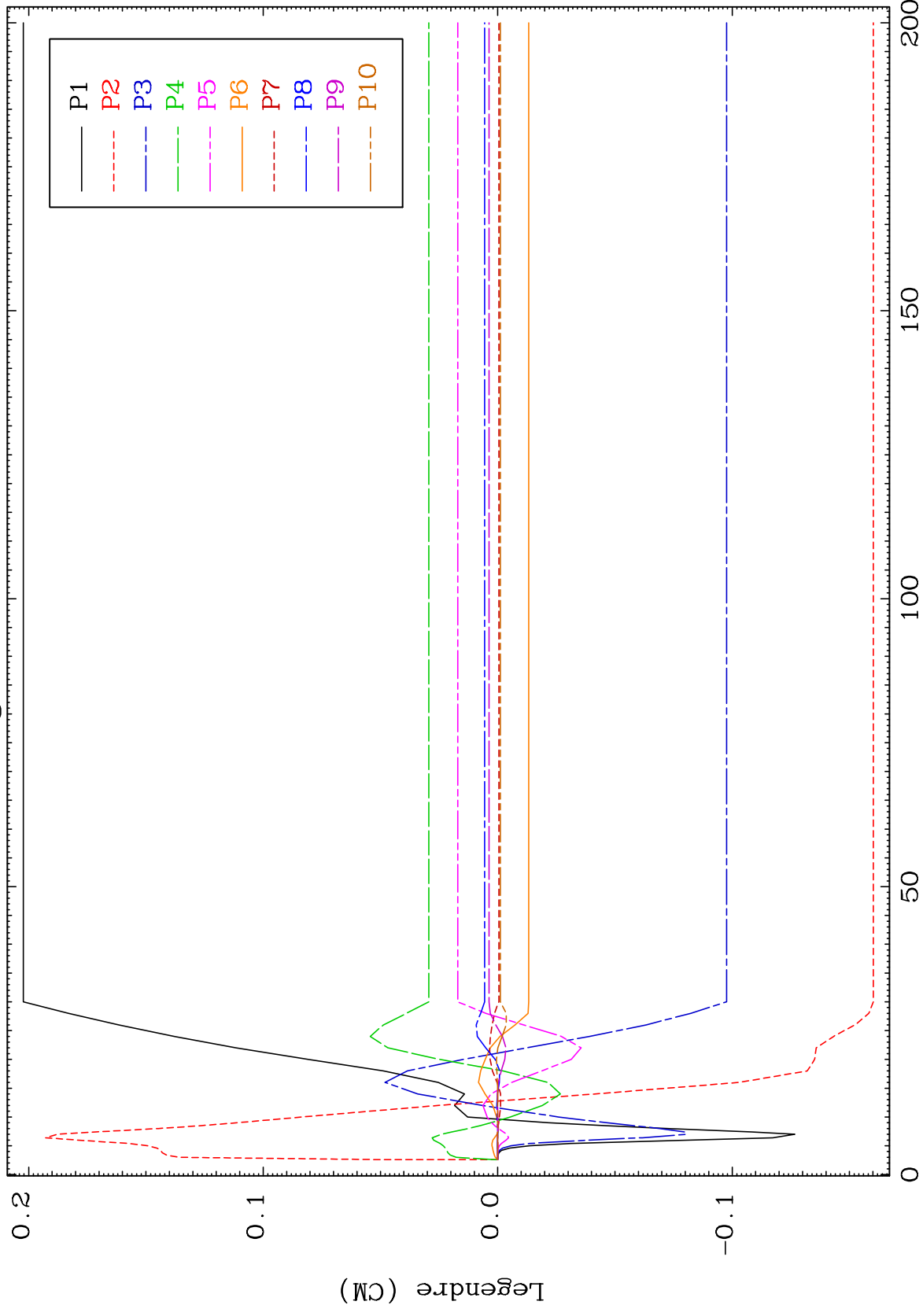
Incident Energy (MeV)

84-Po-201

MAT 8410

MT= 64 (n,n') Level
Legendre Coefficients

84-Po-201



84-Po-201

Incident Energy (MeV)

66

MAT 8410

MT= 64 (n,n') Level
Legendre Coefficients

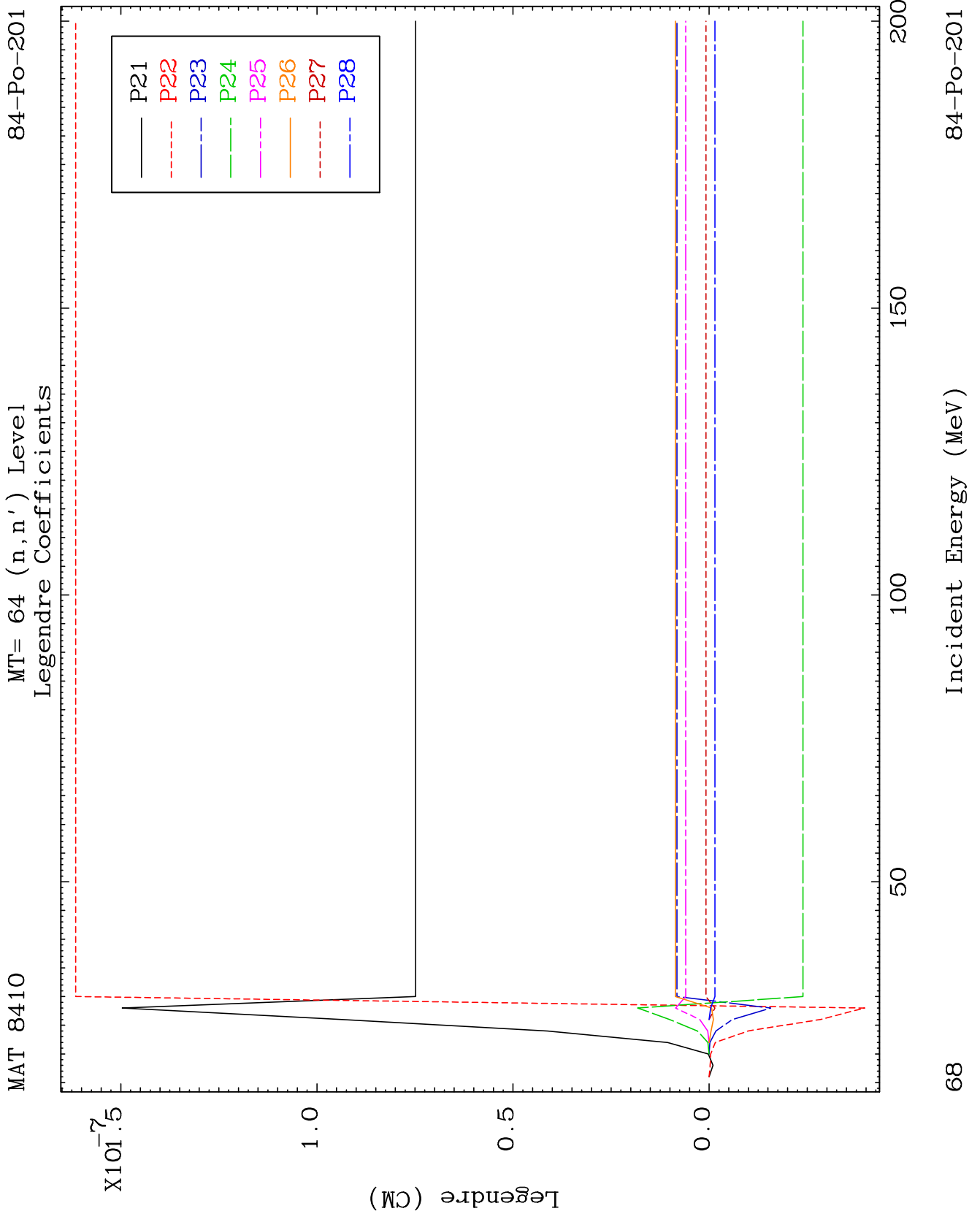
84-Po-201



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Incident Energy (MeV)

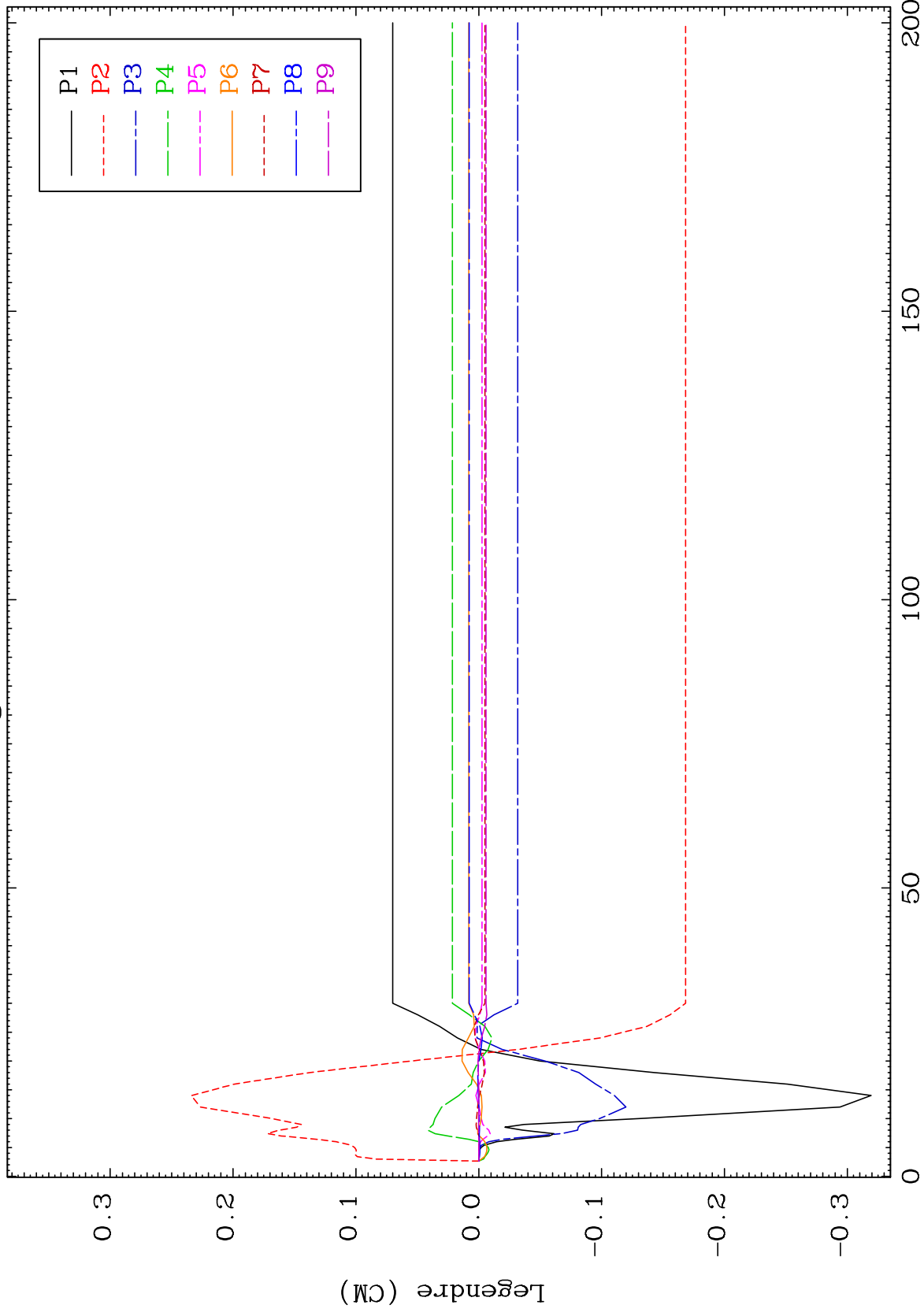
84-Po-201



MAT 8410

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

84-Po-201



69

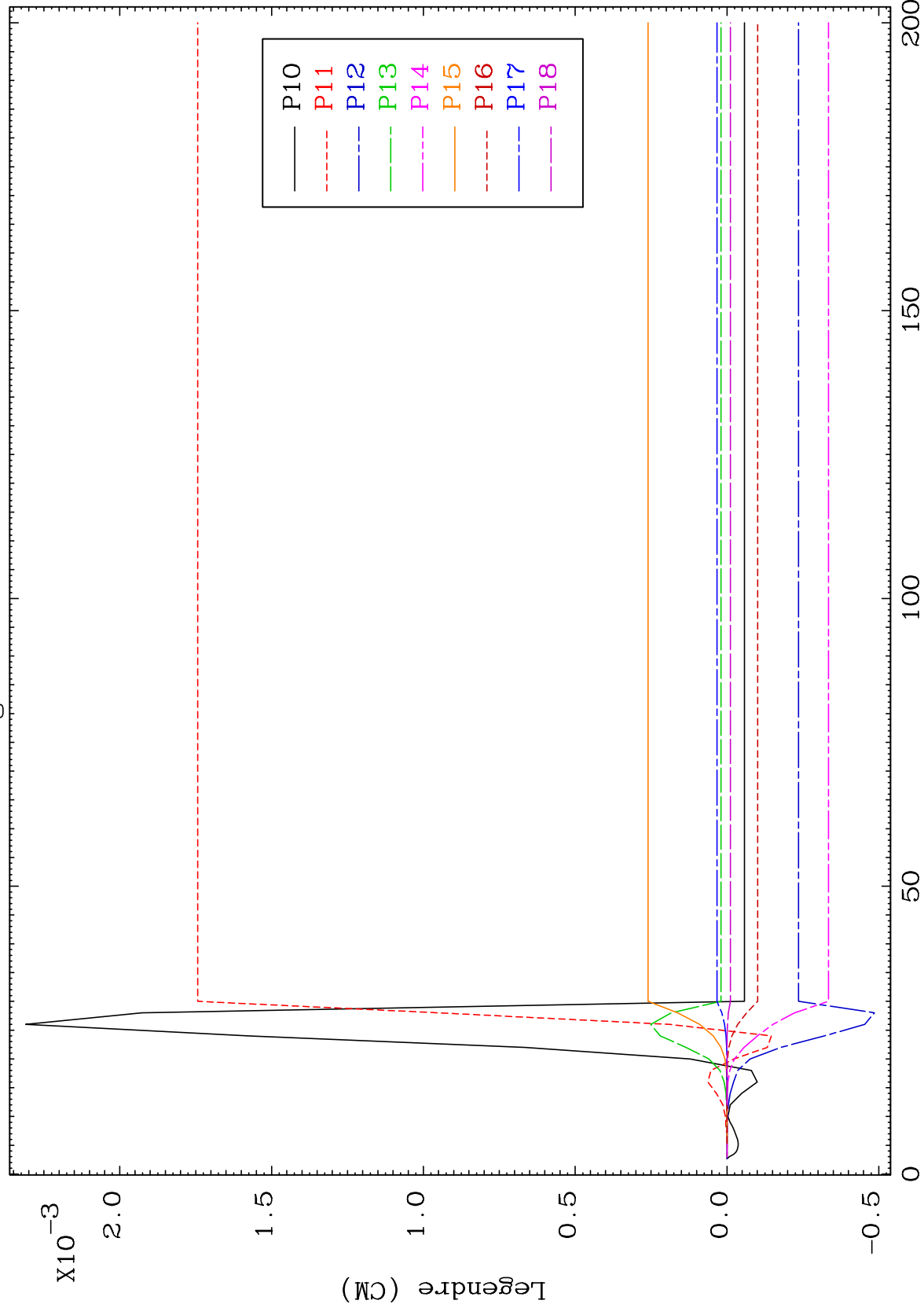
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



70

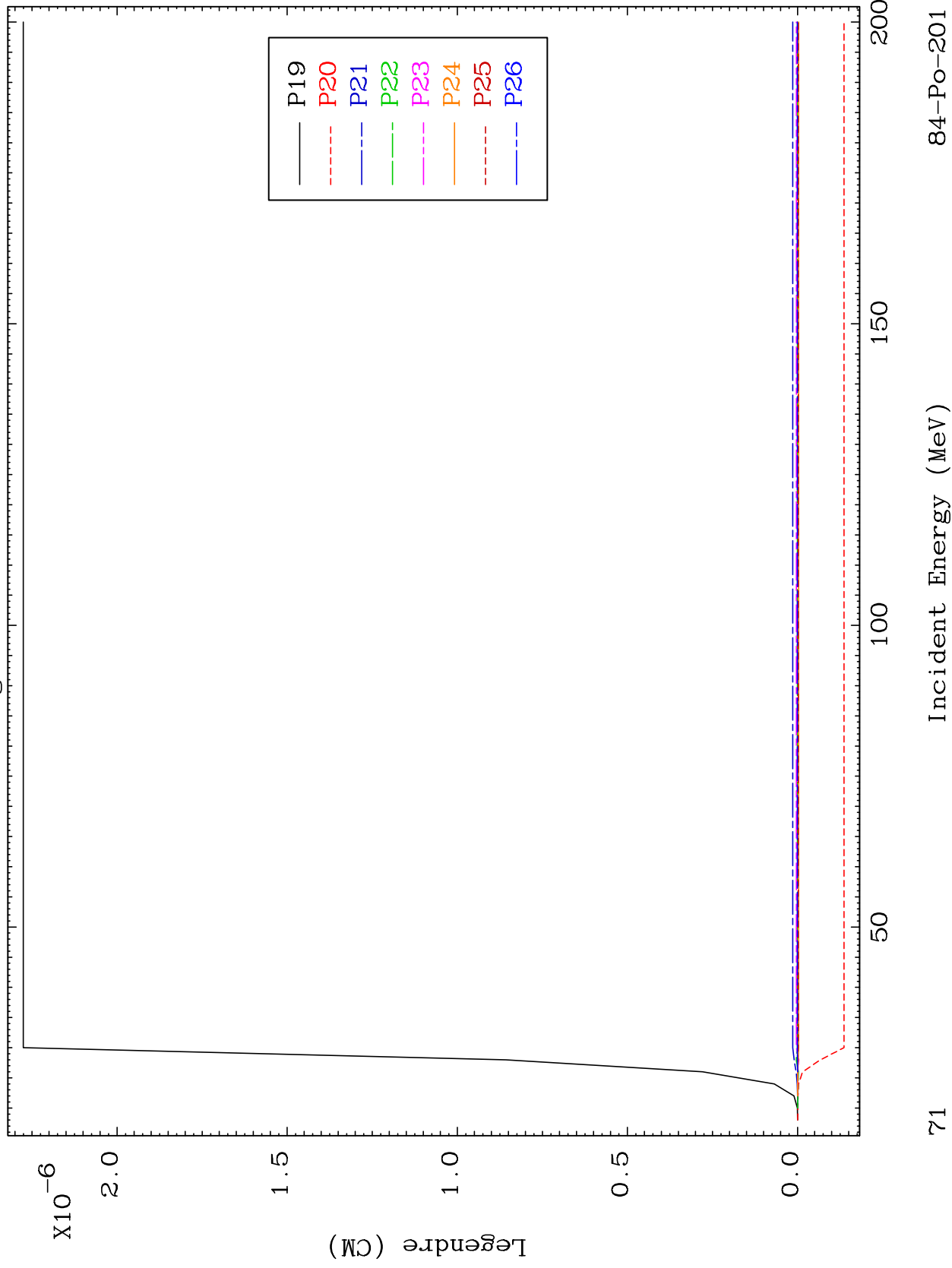
Incident Energy (MeV)

84-Po-201

MAT 8410

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

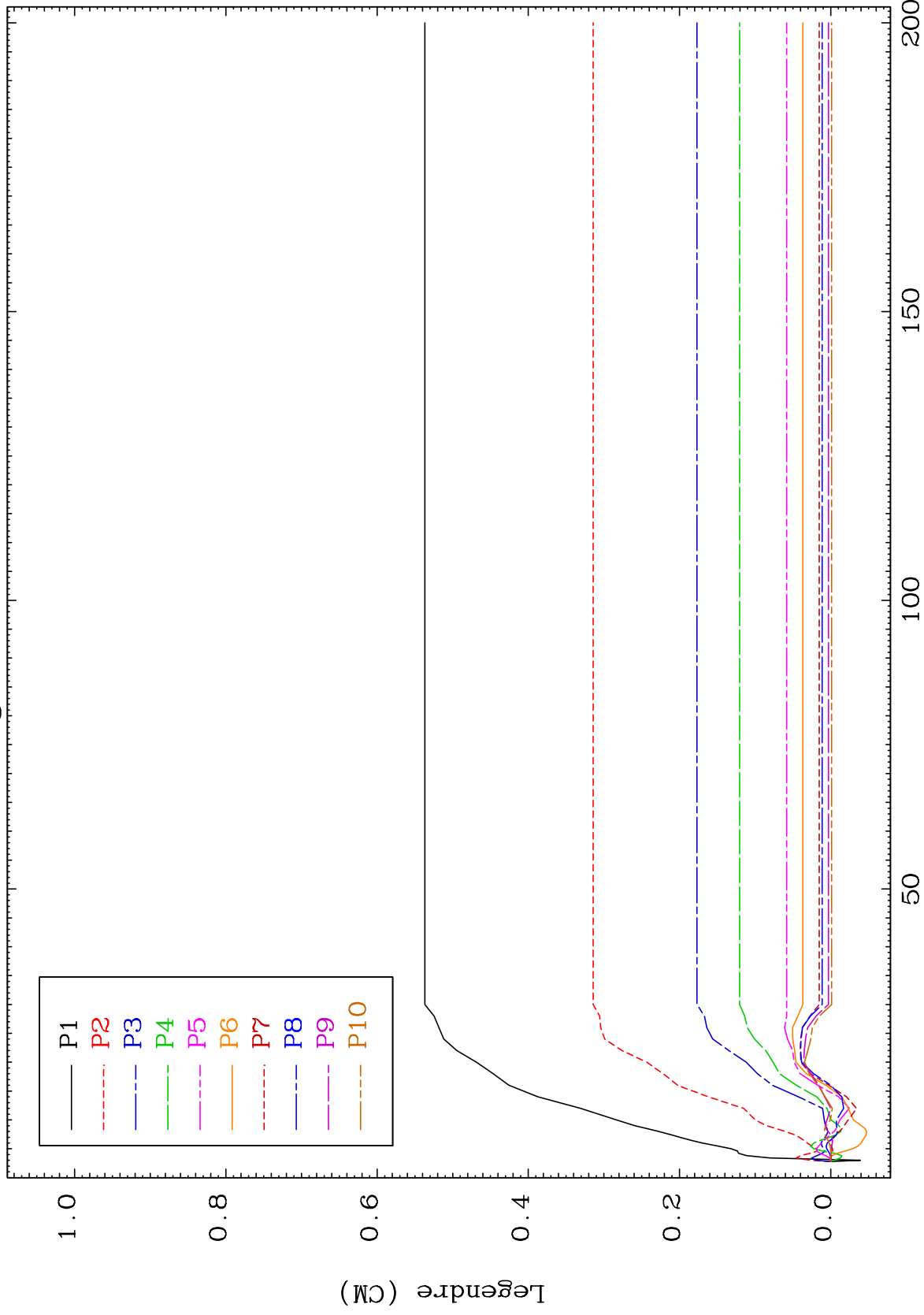
84-Po-201



MAT 8410

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

84-Po-201



72

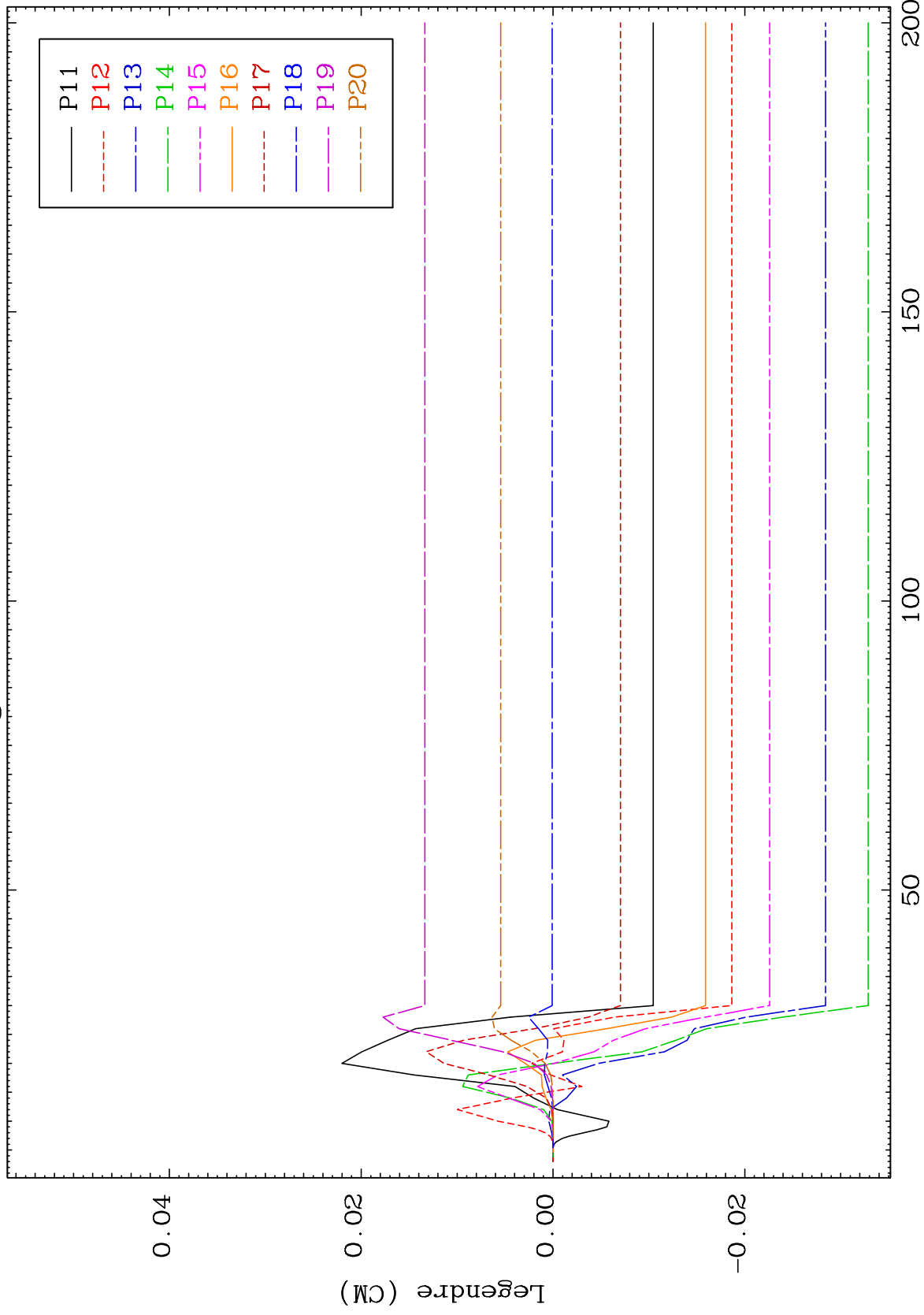
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



73

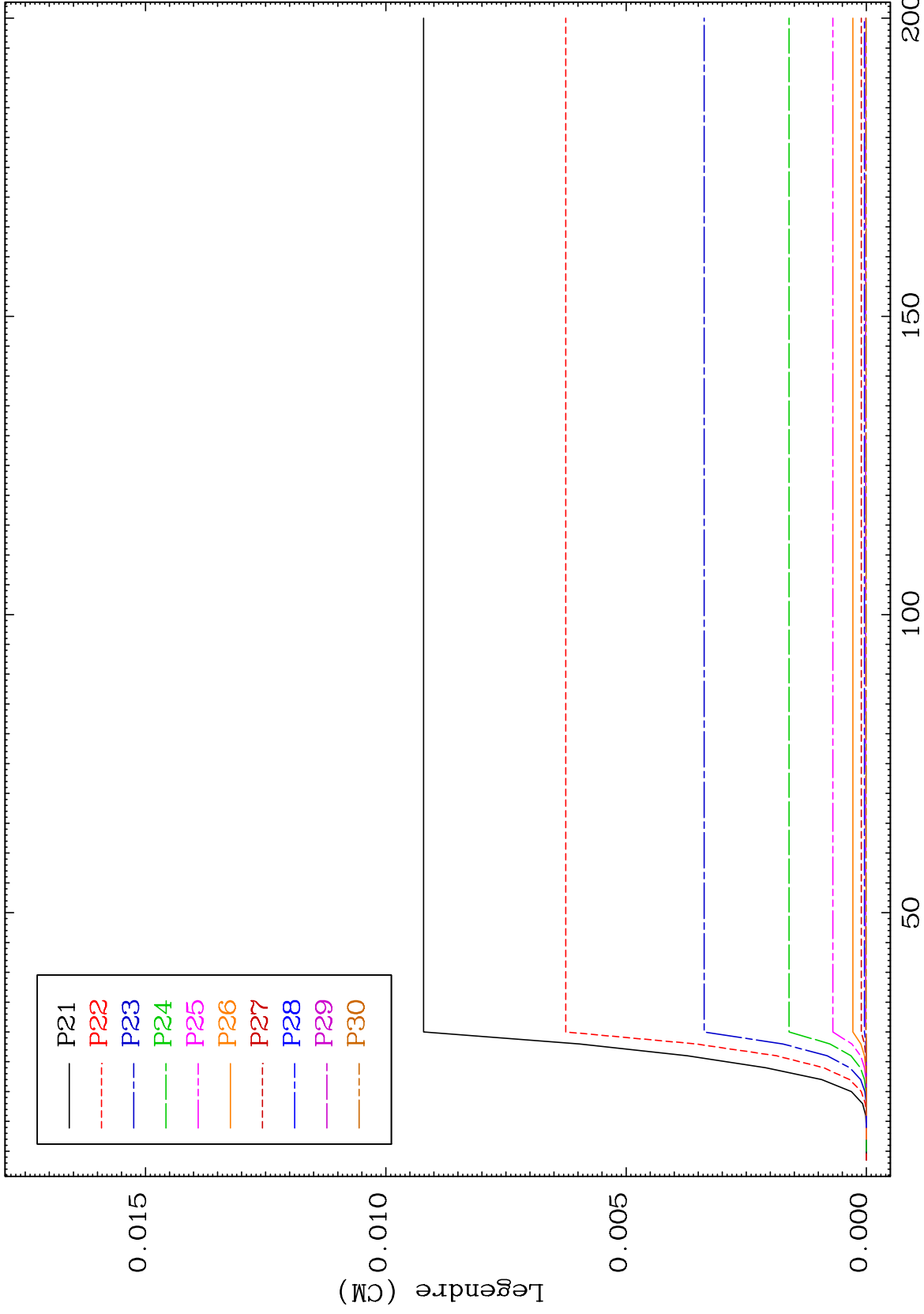
Incident Energy (MeV)

84-Po-201

MAT 8410

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

84-Po-201



74

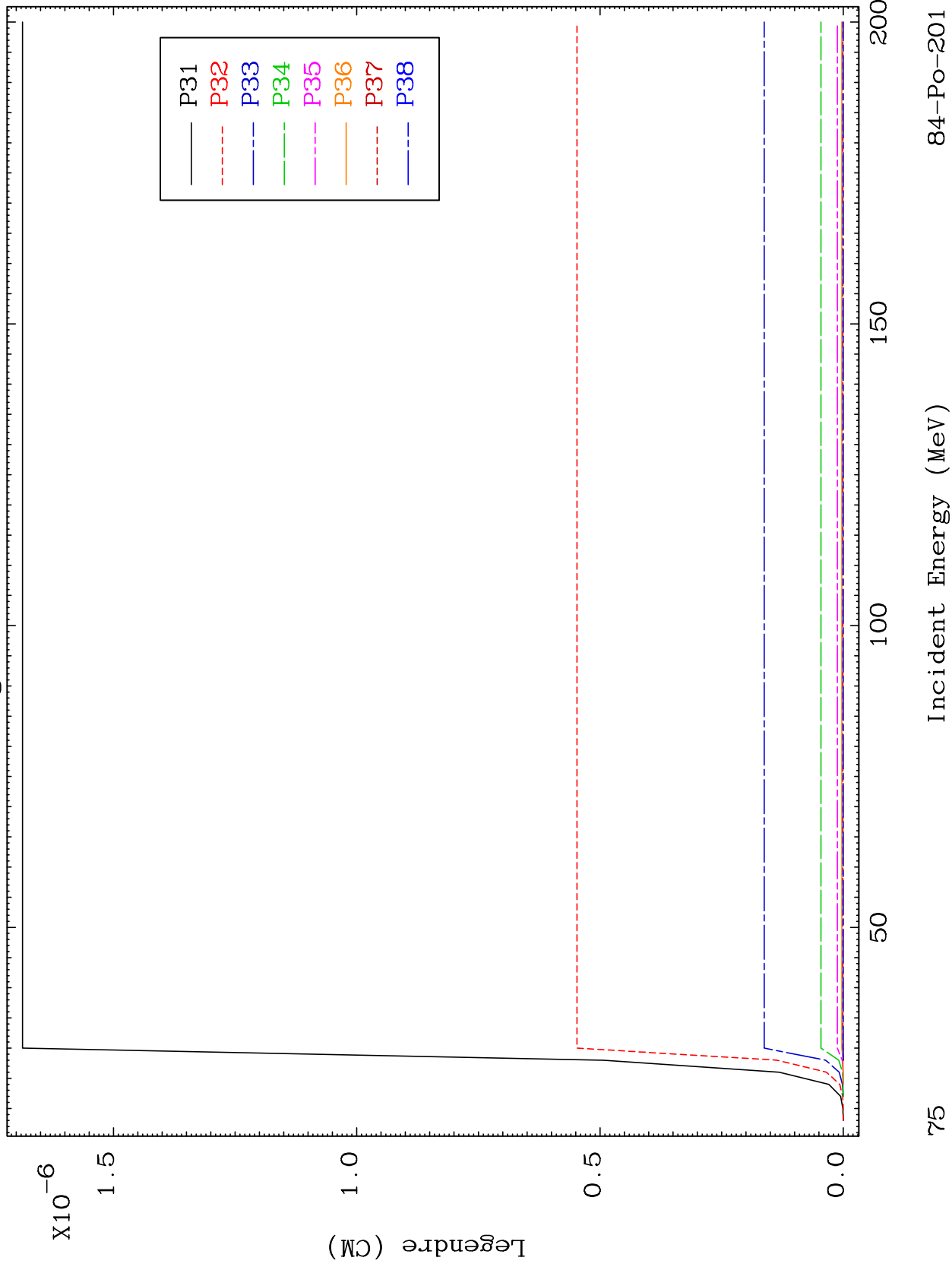
Incident Energy (MeV)

84-Po-201

MAT 8410

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

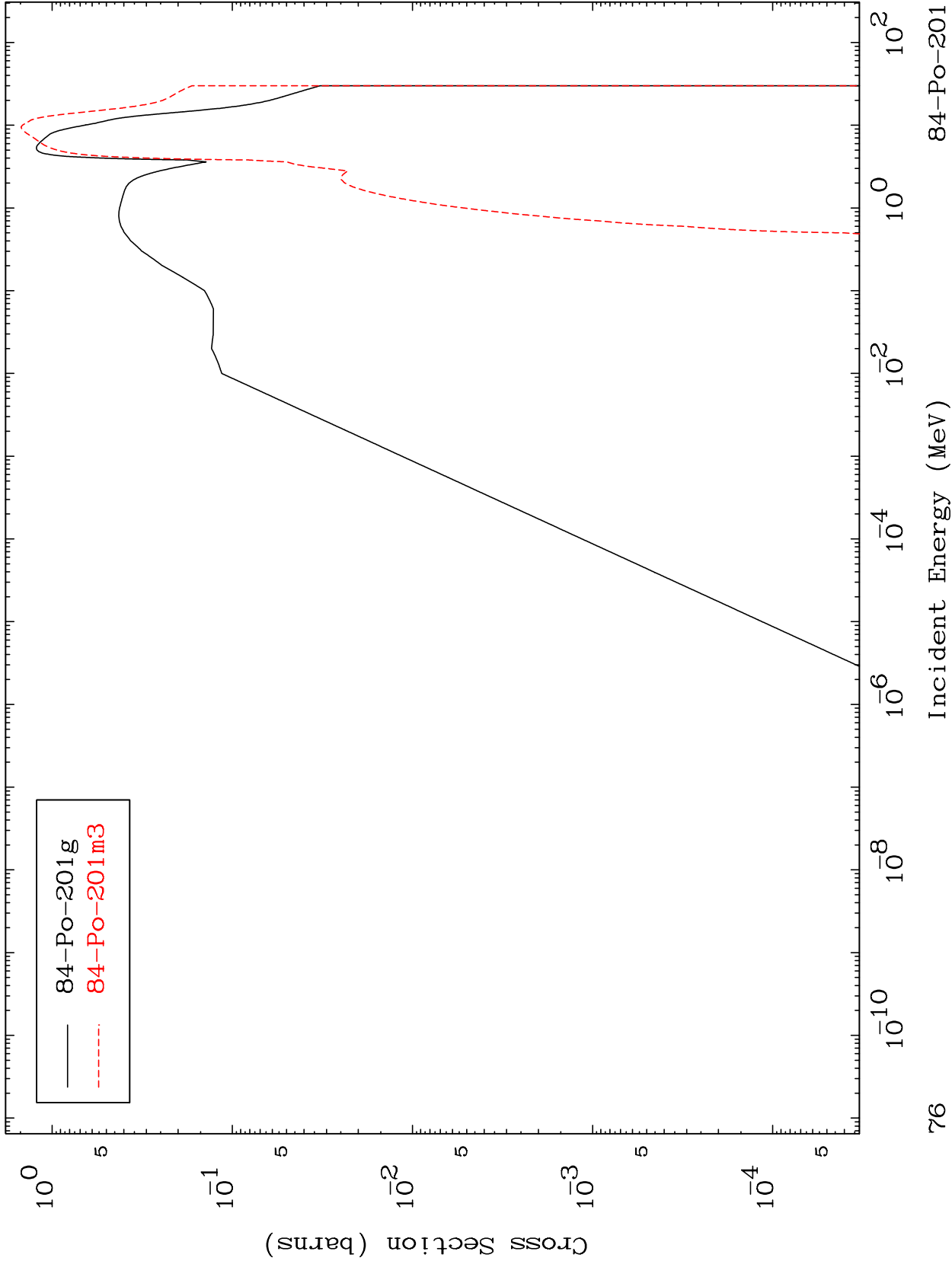
84-Po-201



MAT 8410

Inelastic
Radionuclide Production Cross Section

84-Po-201

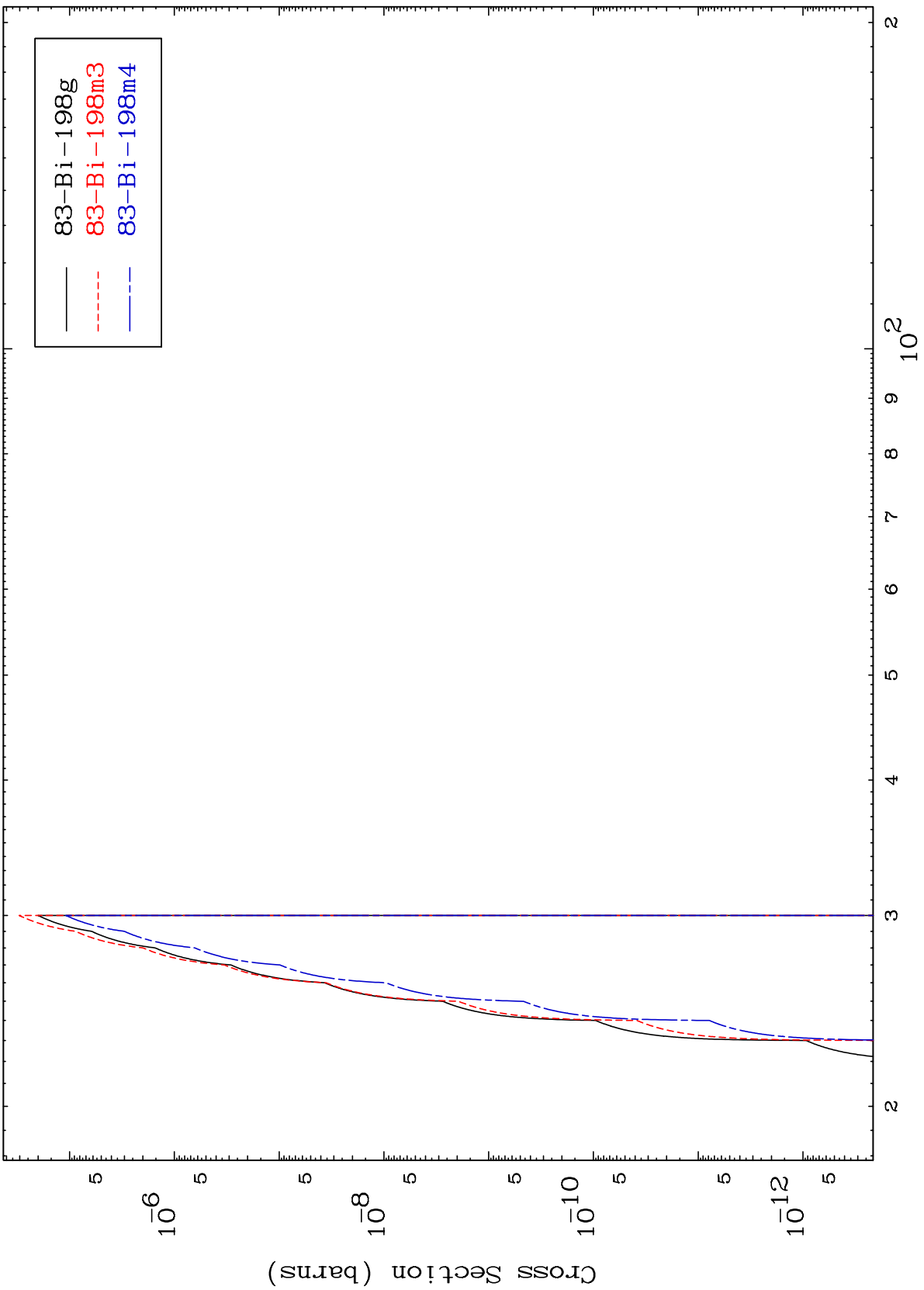


76

Incident Energy (MeV)

84-Po-201

Radionuclide Production Cross Section

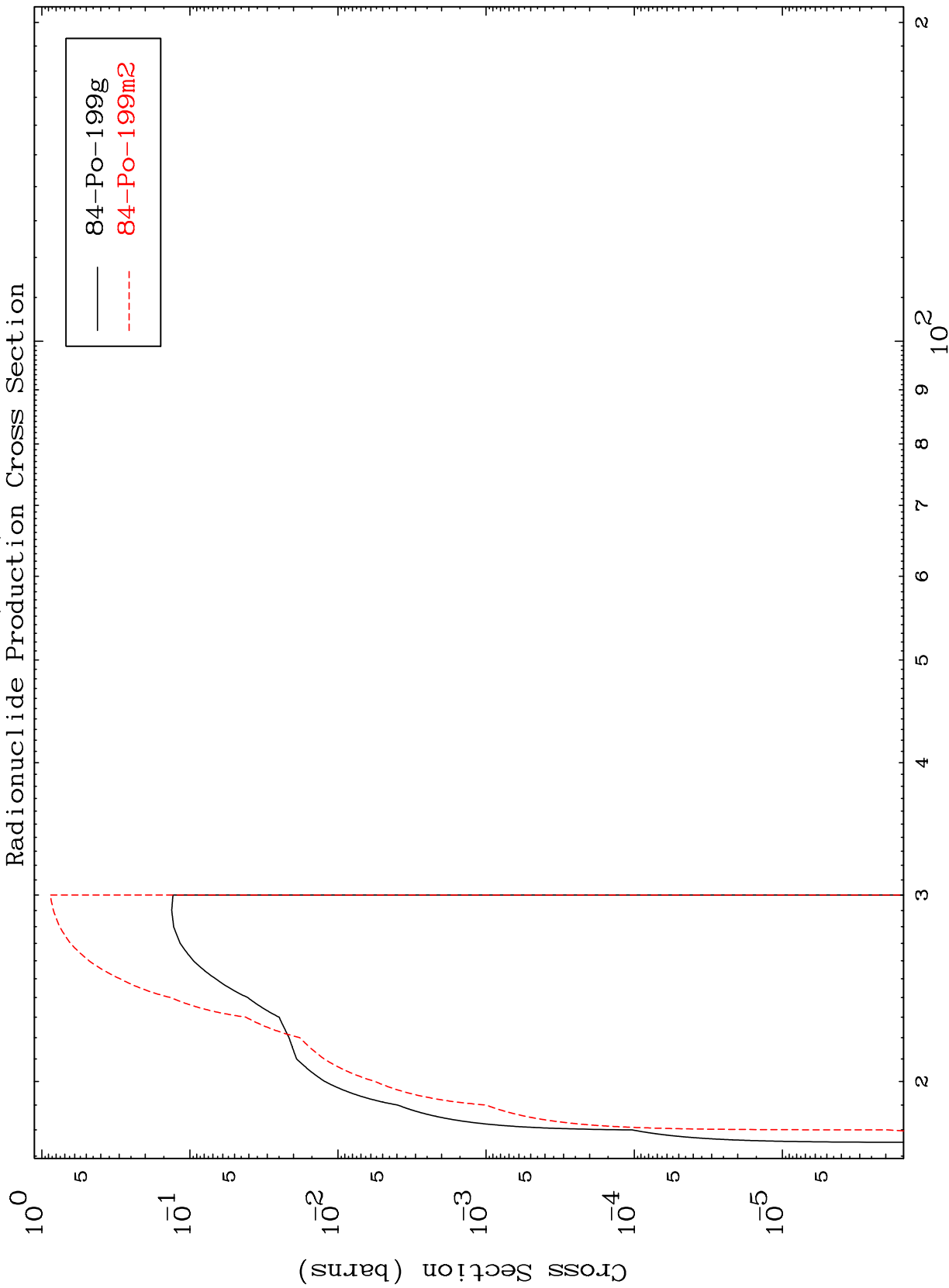


83-Bi-198g
83-Bi-198m3
83-Bi-198m4

MAT 8410

84-Po-201

(n,3n)
Radionuclide Production Cross Section



78

Incident Energy (MeV)

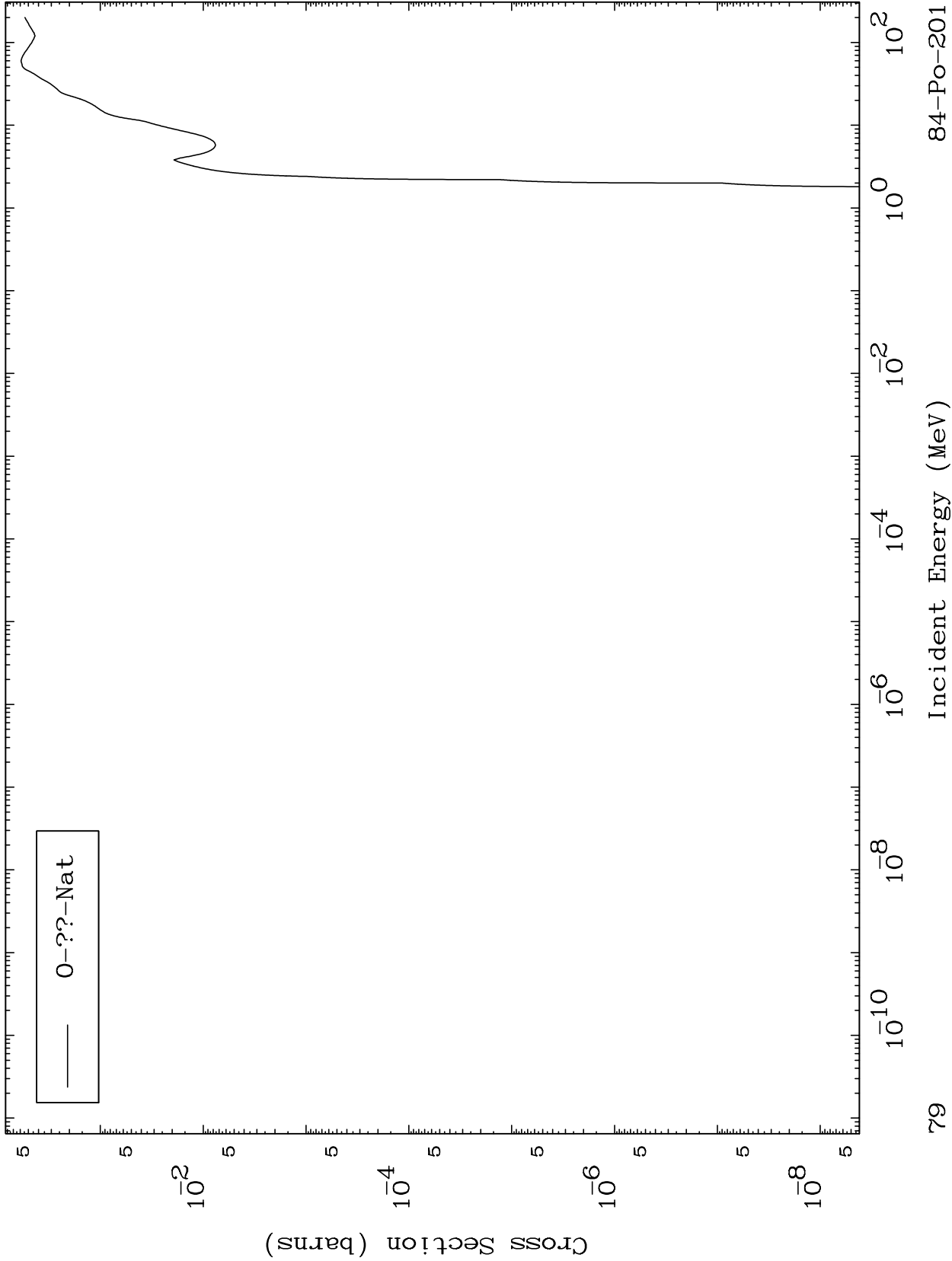
84-Po-201

MAT 8410

Fission

84-Po-201

Radionuclide Production Cross Section



79

Incident Energy (MeV)

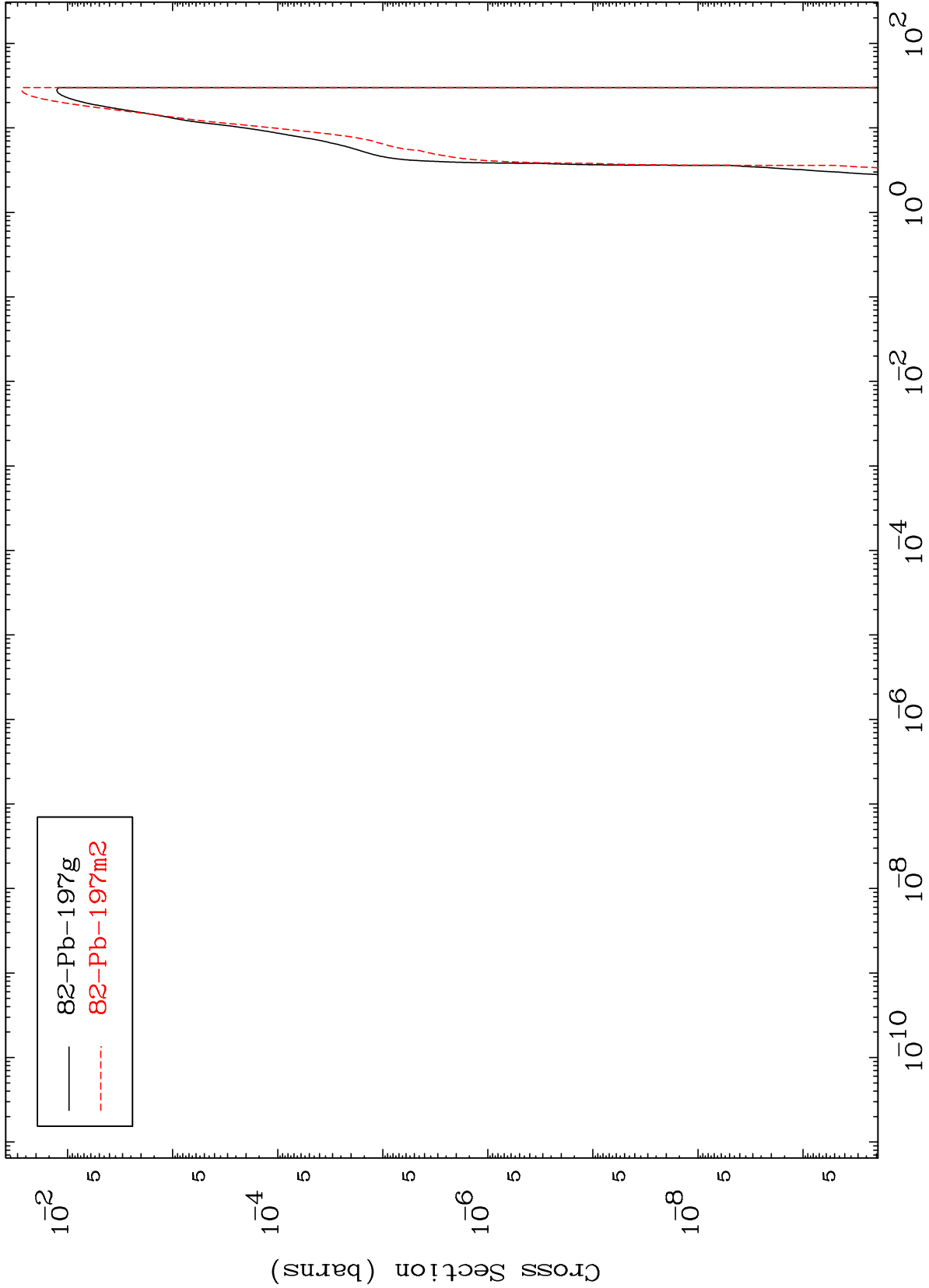
84-Po-201

MAT 8410

(n, n') α

84-Po-201

Radionuclide Production Cross Section



80

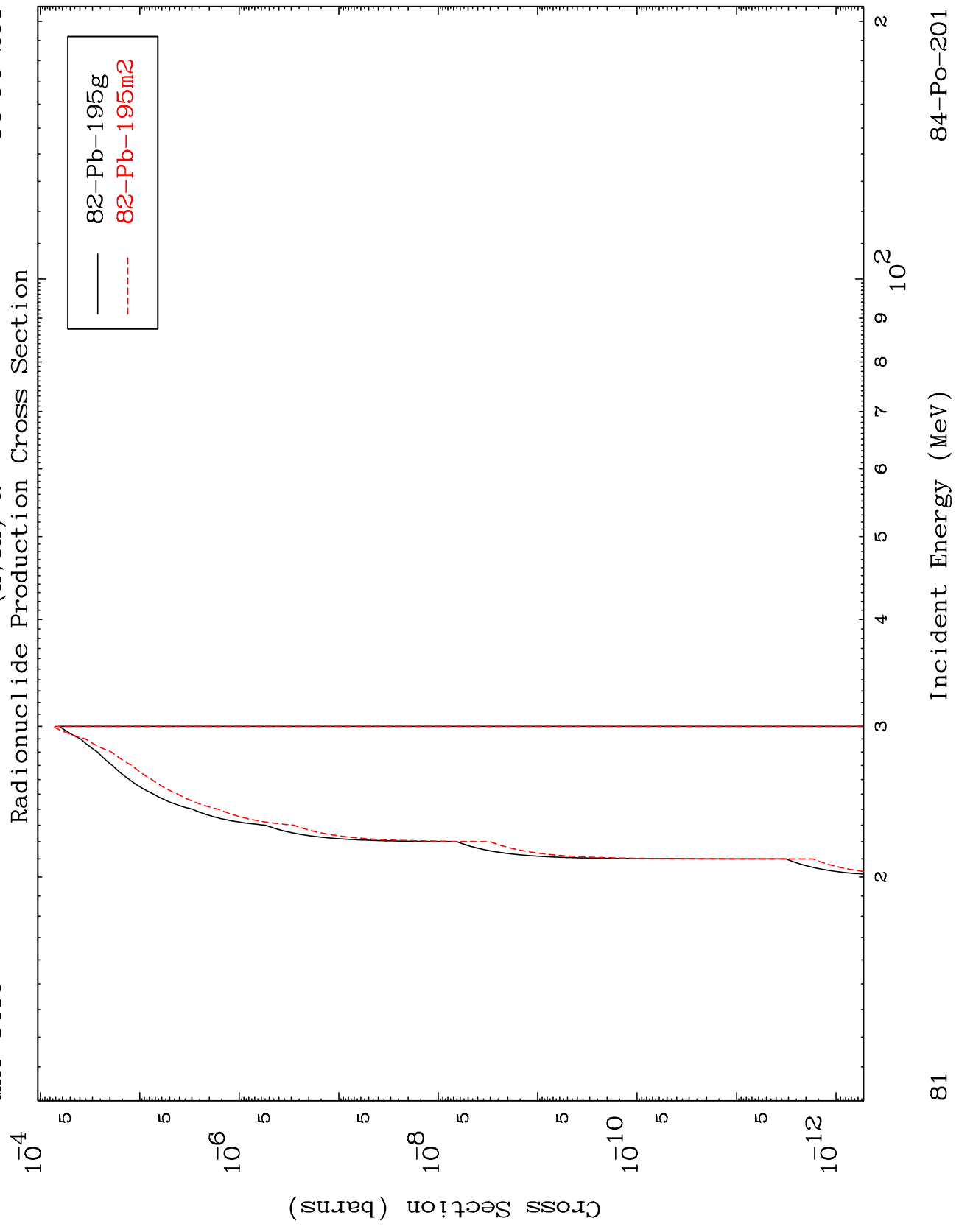
Incident Energy (MeV)

84-Po-201

MAT 8410

(n,3n) α

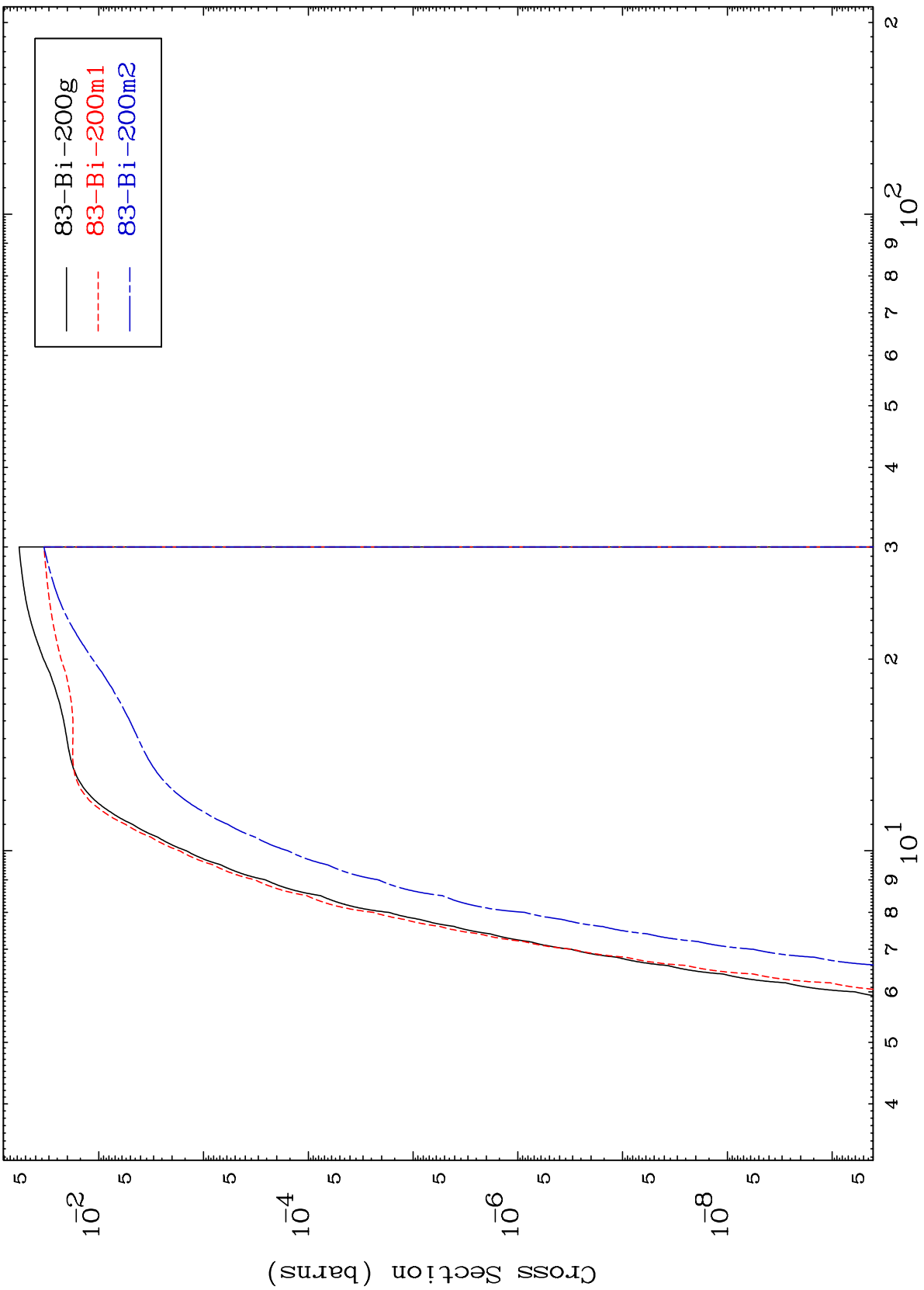
84-Po-201



81

84-Po-201

Radionuclide Production Cross Section

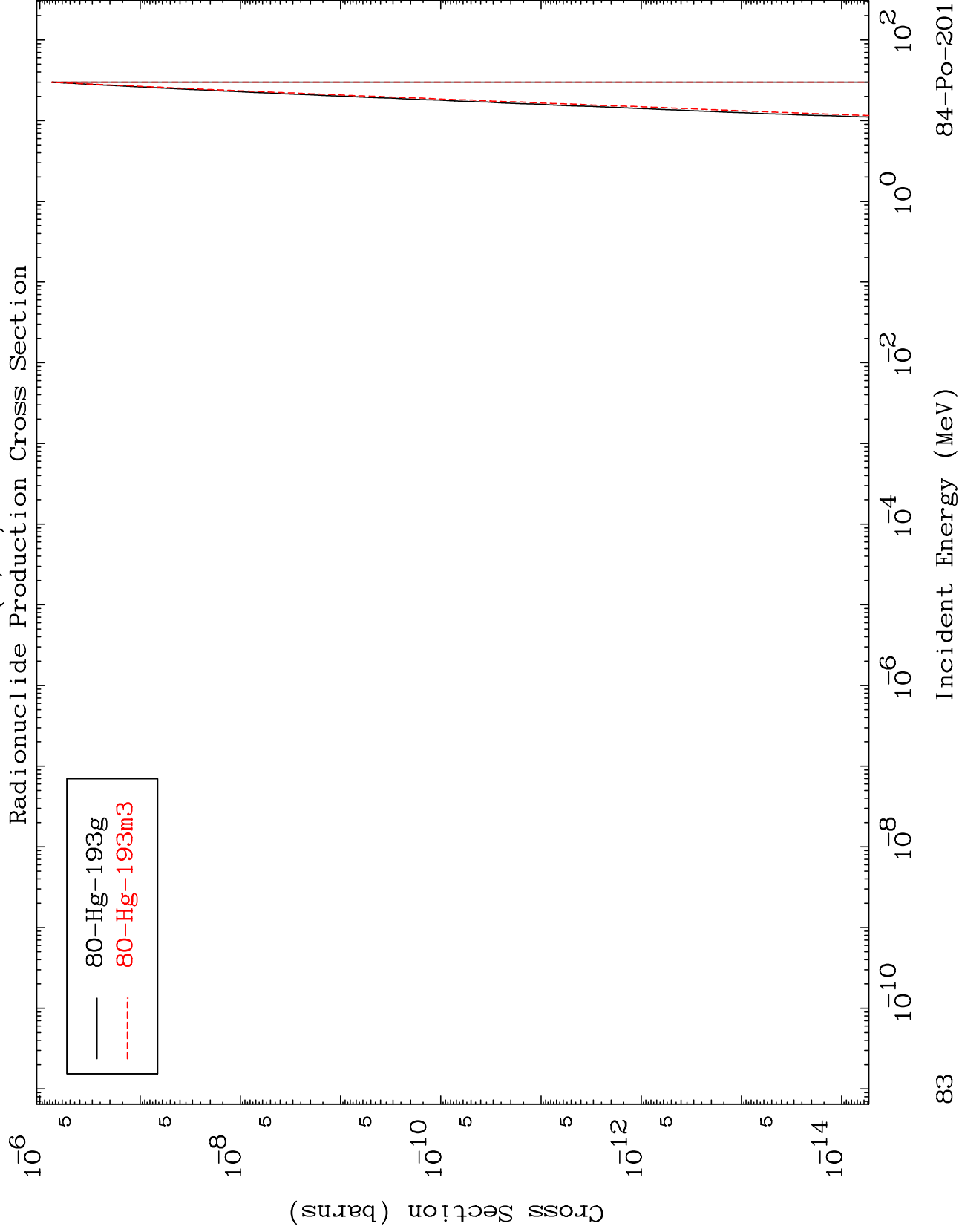


MAT 8410

(n,n') 2 α

84-Po-201

Radionuclide Production Cross Section



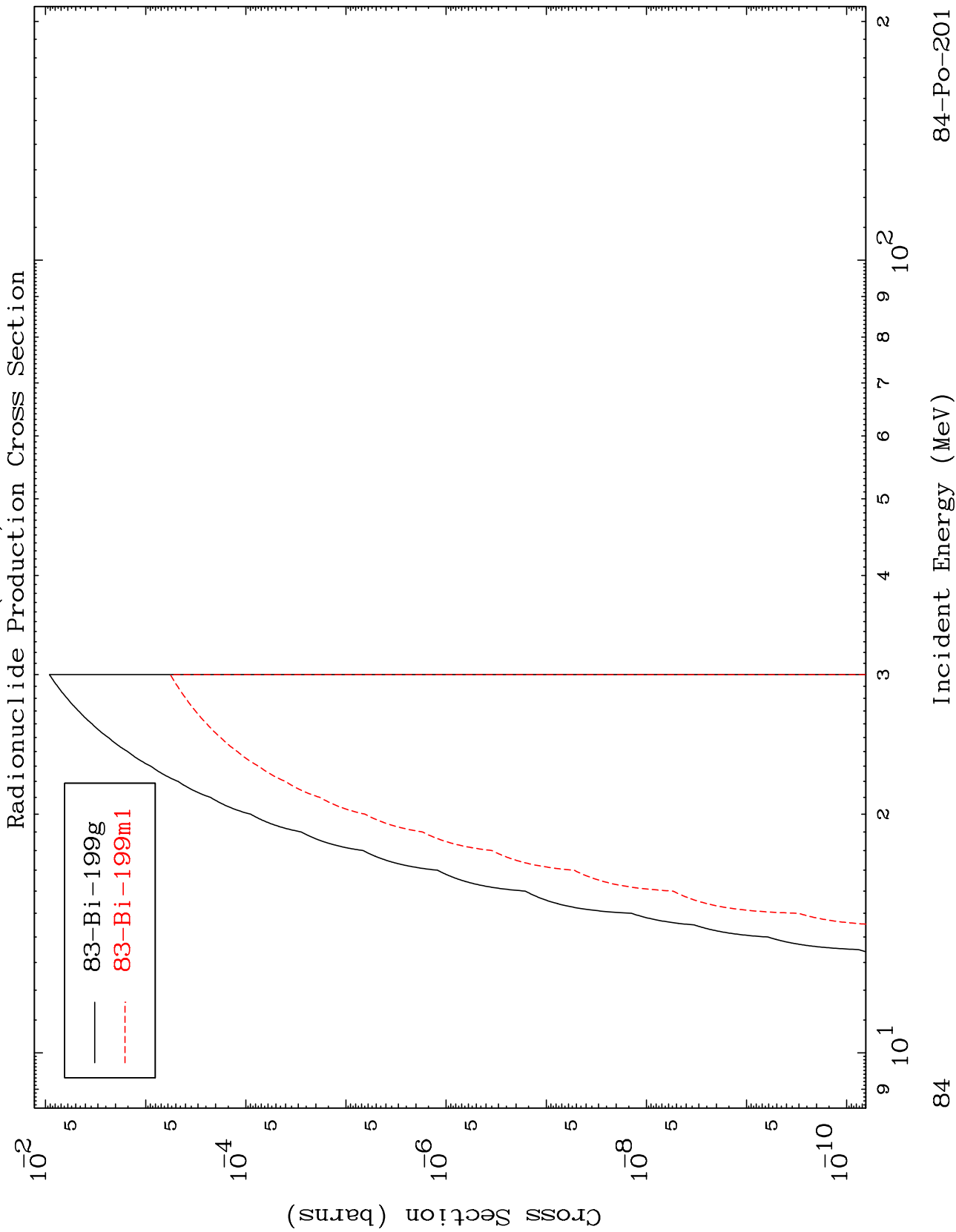
83

84-Po-201

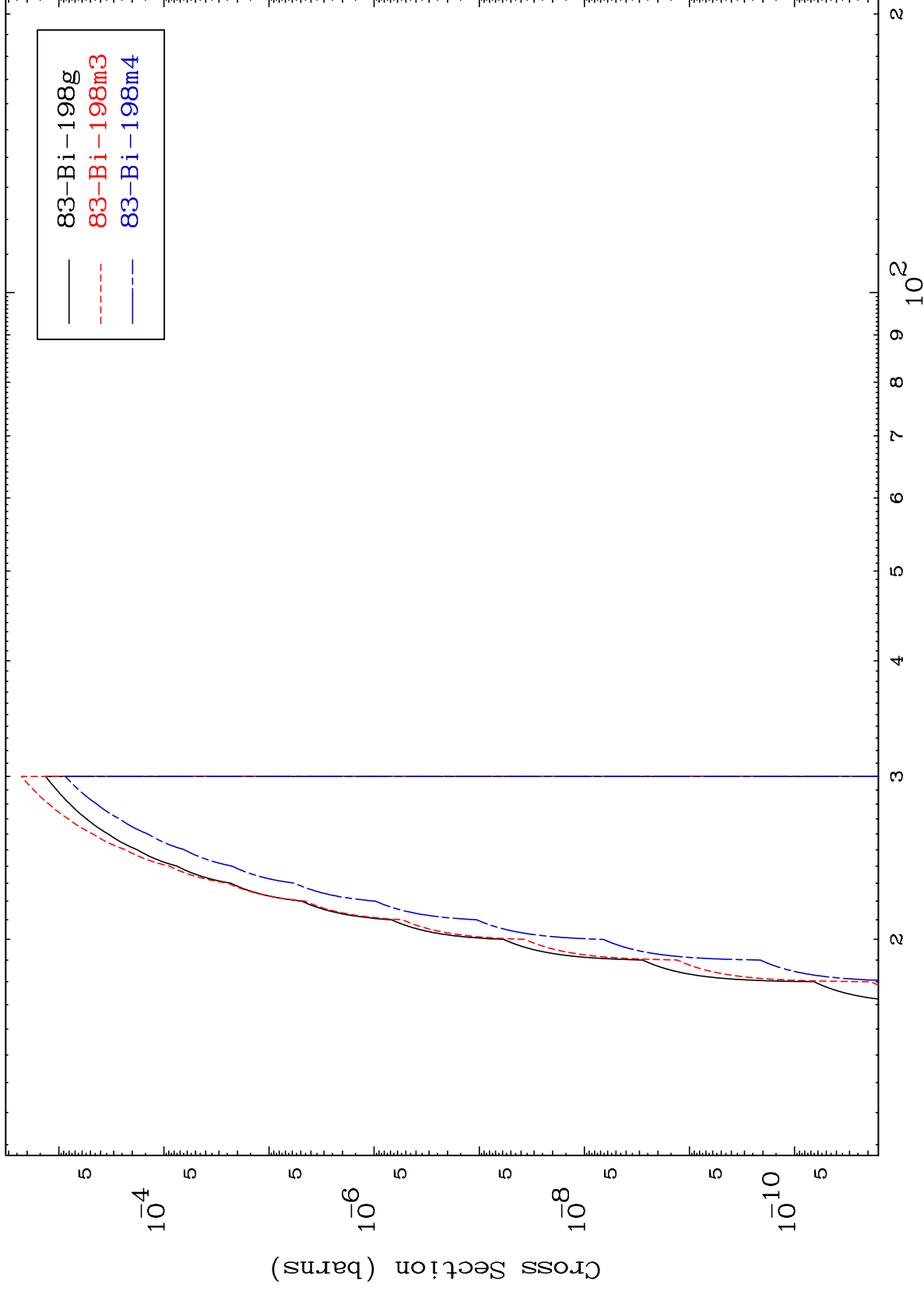
MAT 8410

(n,n') d

84-Po-201



Radionuclide Production Cross Section

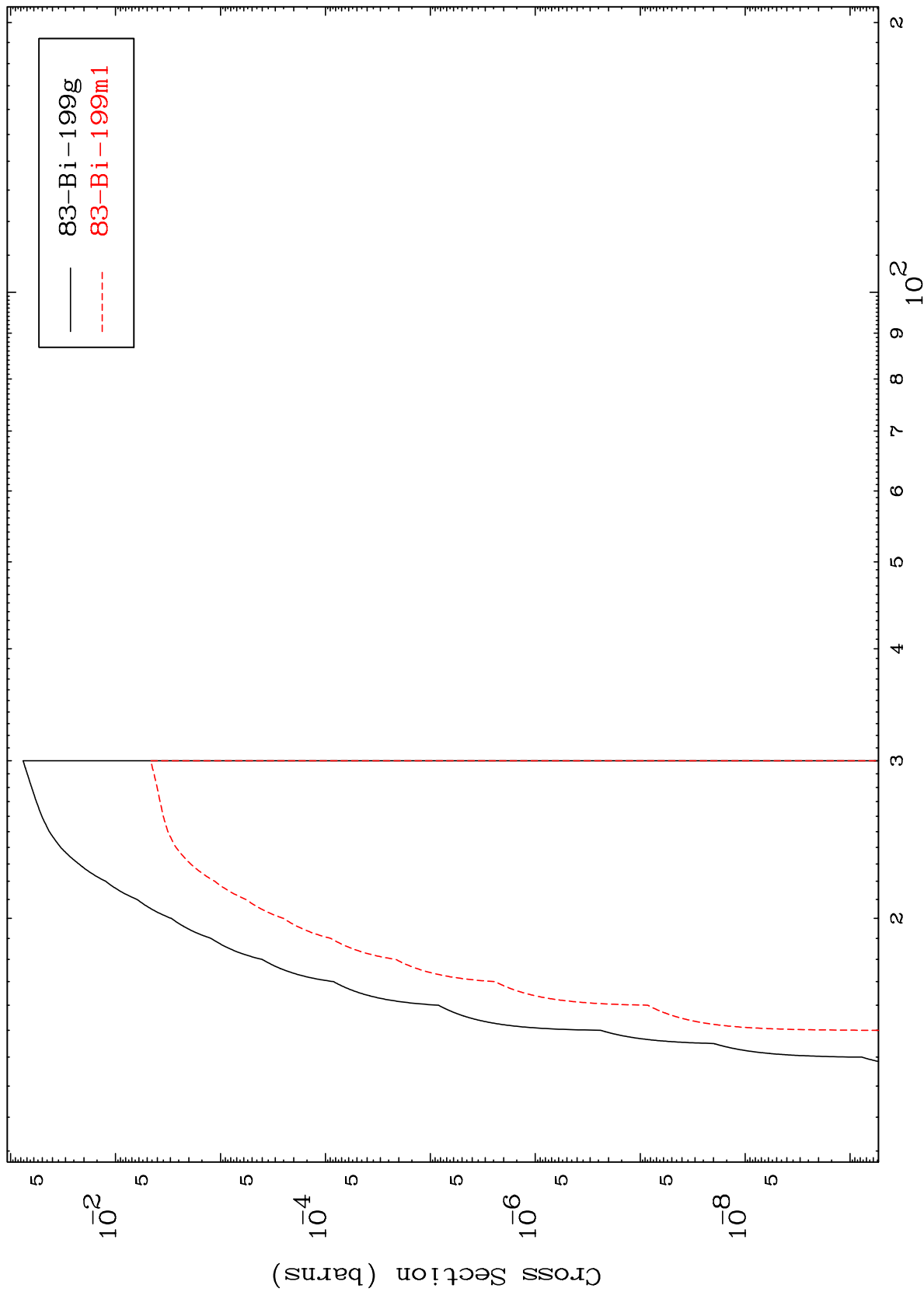


MAT 8410

(n,2n) p

84-Po-201

Radionuclide Production Cross Section



86

Incident Energy (MeV)

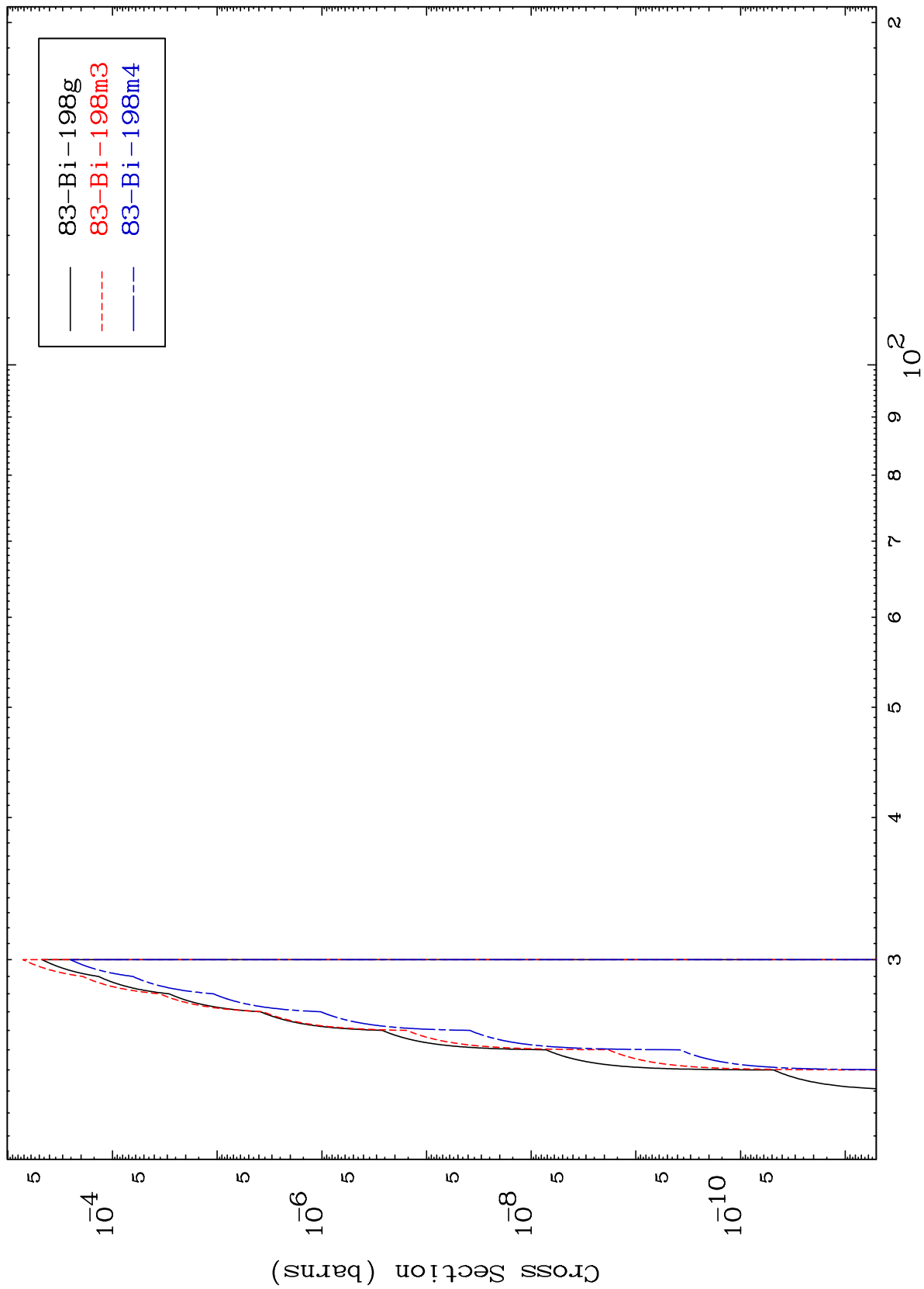
84-Po-201

MAT 8410

(n,3n) p

84-Po-201

Radionuclide Production Cross Section



87

Incident Energy (MeV)

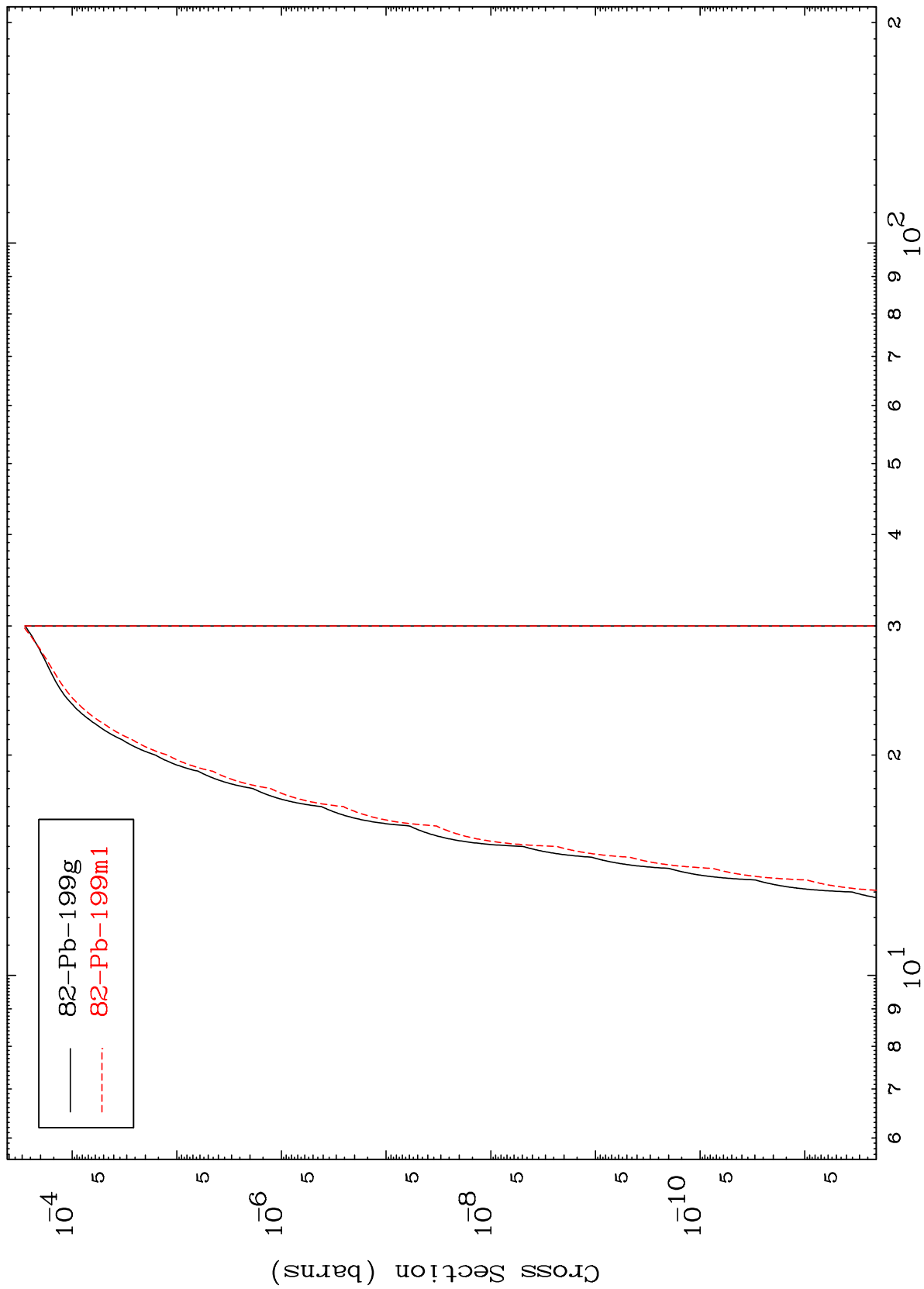
84-Po-201

MAT 8410

(n,2n) p

84-Po-201

Radionuclide Production Cross Section



88

Incident Energy (MeV)

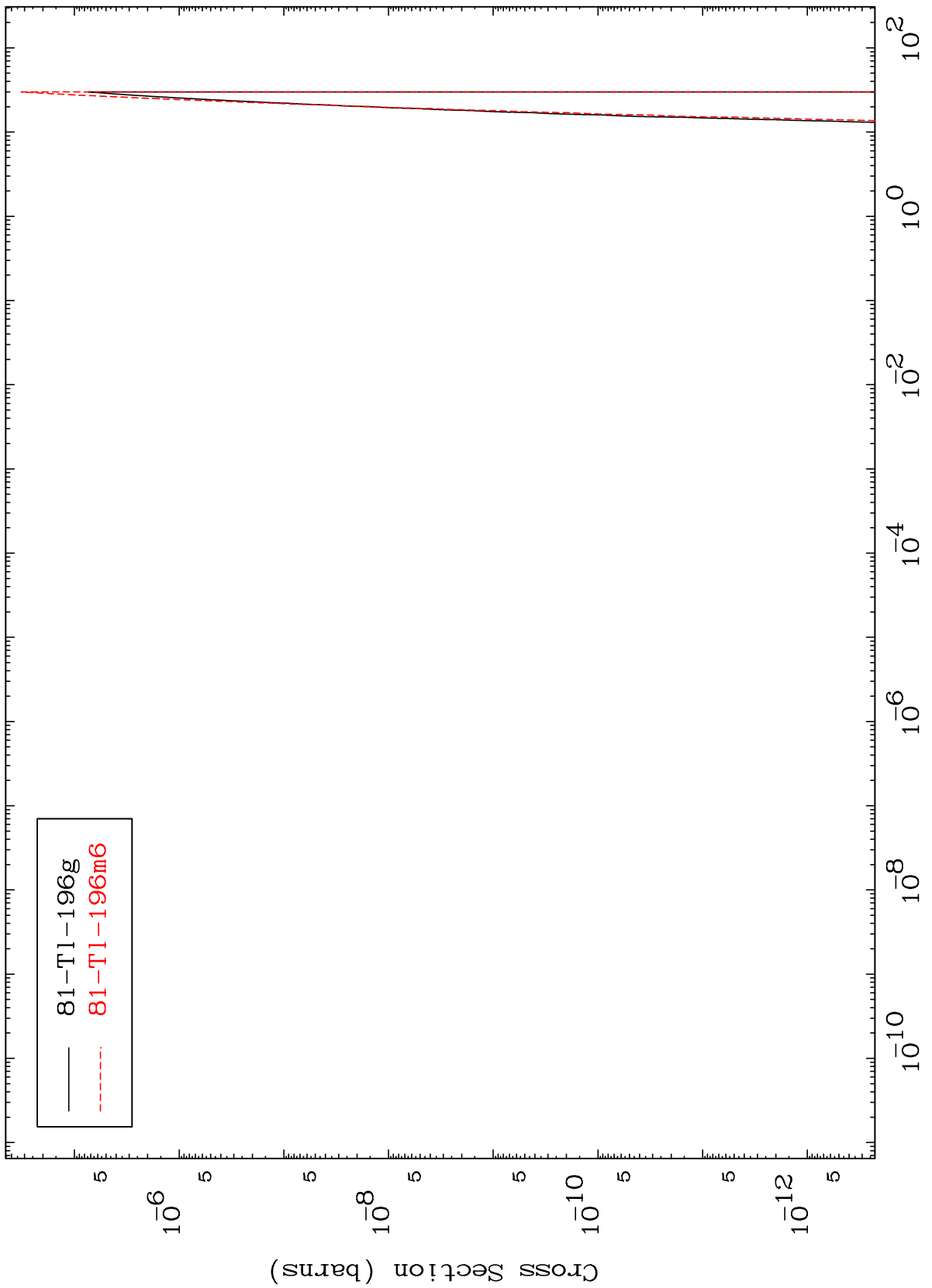
84-Po-201

MAT 8410

(n,n') p α

84-Po-201

Radionuclide Production Cross Section



89

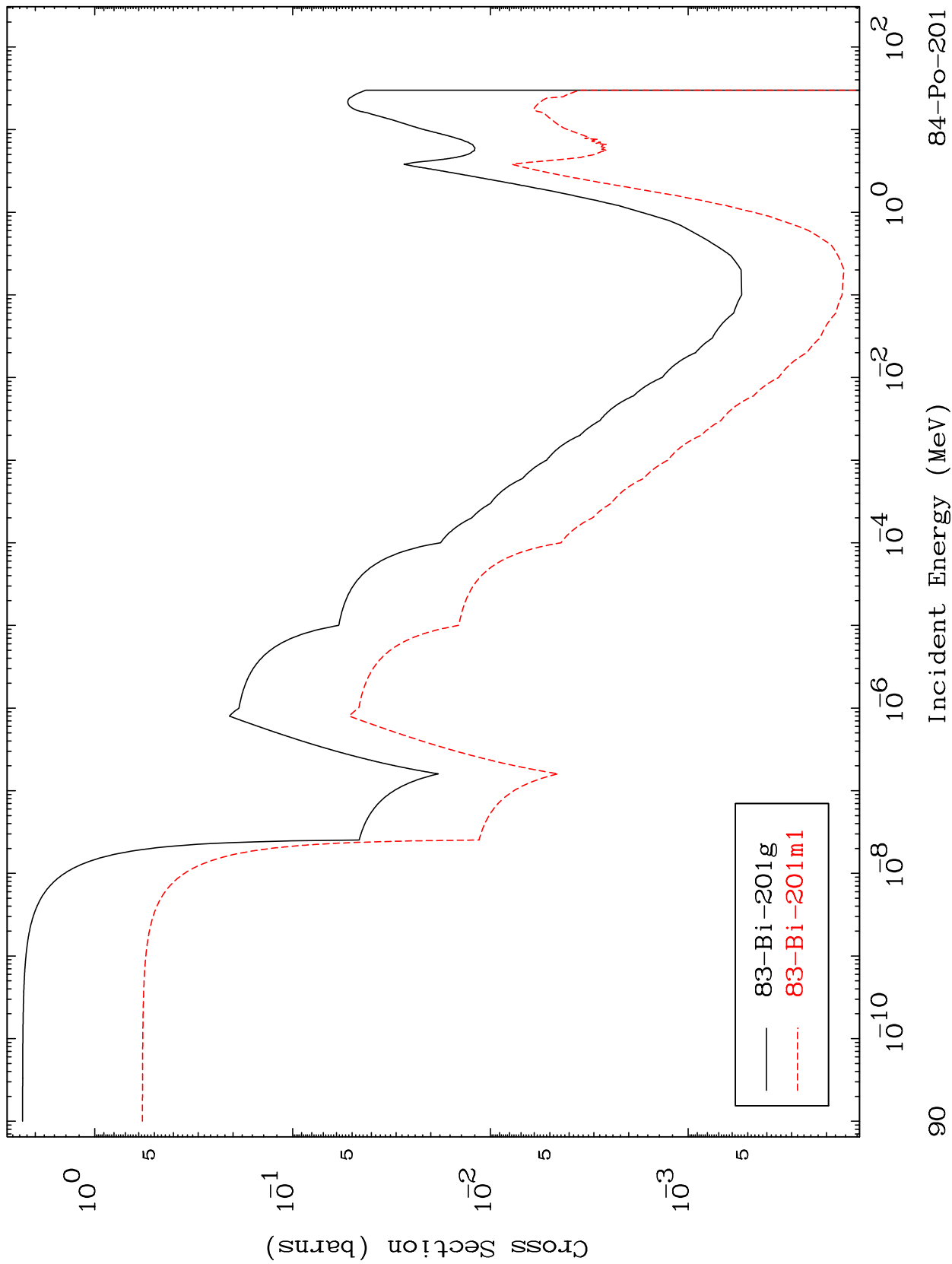
Incident Energy (MeV)

84-Po-201

MAT 8410

84-Po-201

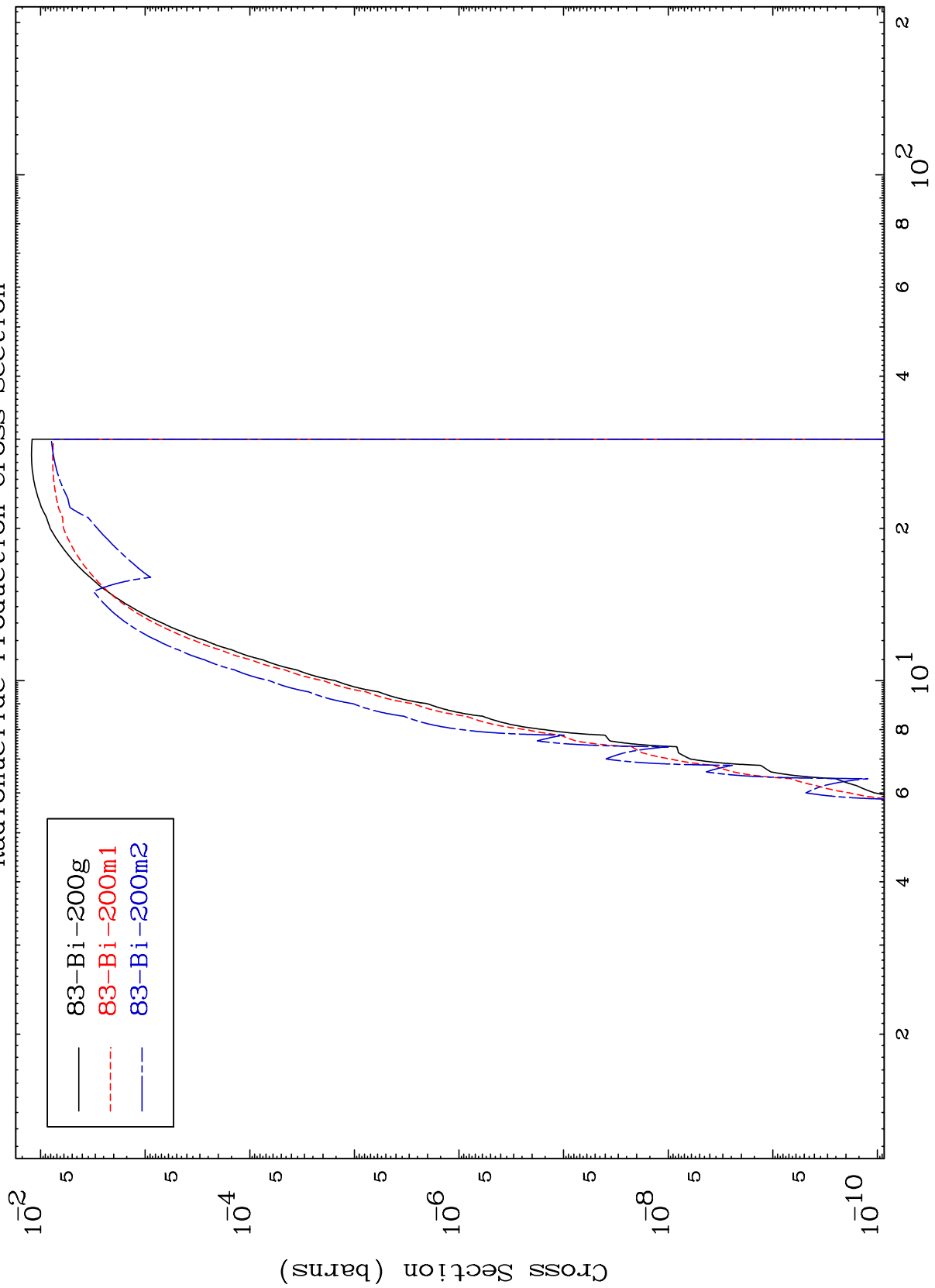
(n,p)
Radionuclide Production Cross Section



MAT 8410

84-Po-201

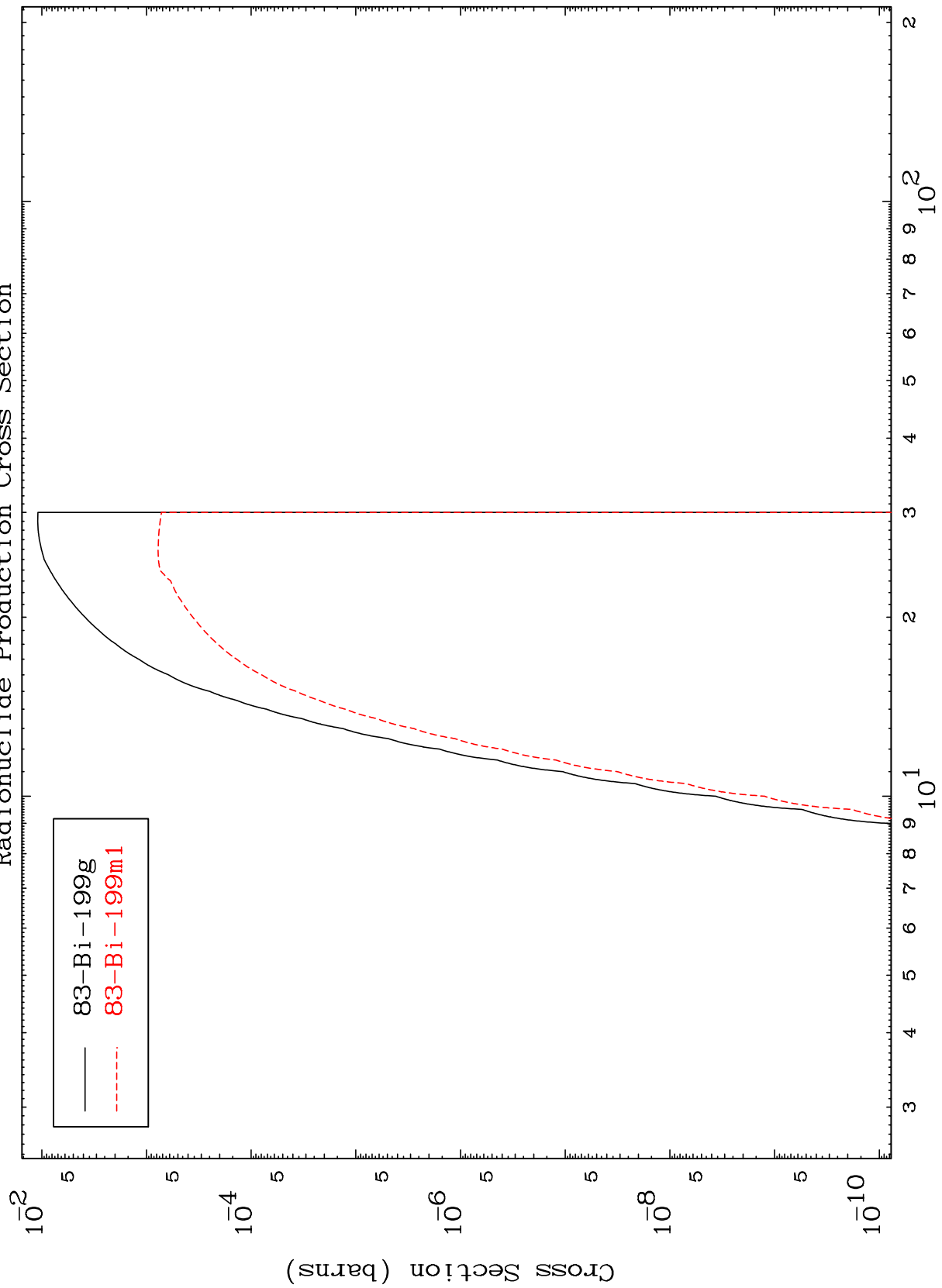
(n,d)
Radionuclide Production Cross Section



MAT 8410

84-Po-201

(n, t)
Radionuclide Production Cross Section



92

84-Po-201

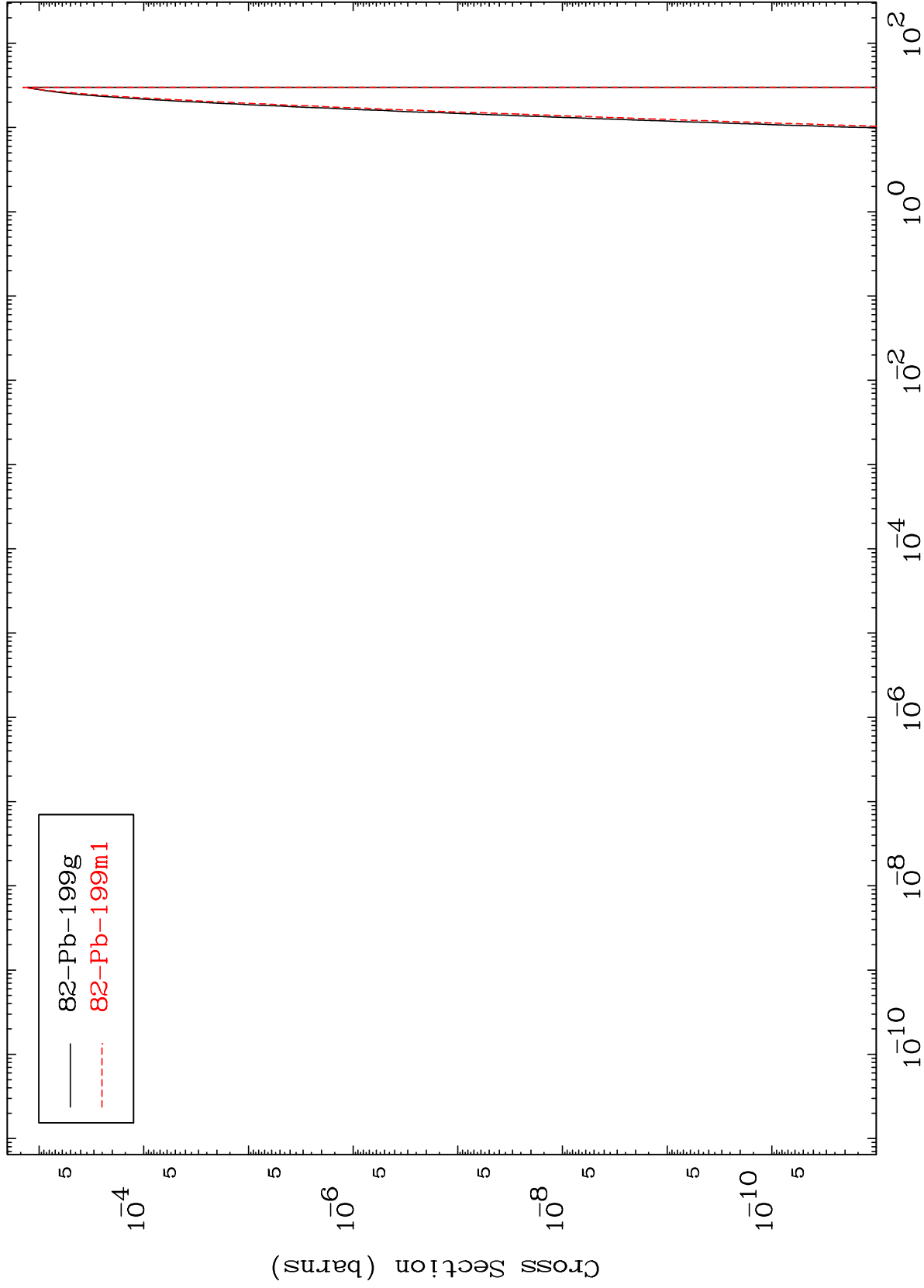
Incident Energy (MeV)

MAT 8410

(n,He-3)

84-Po-201

Radionuclide Production Cross Section



93

Incident Energy (MeV)

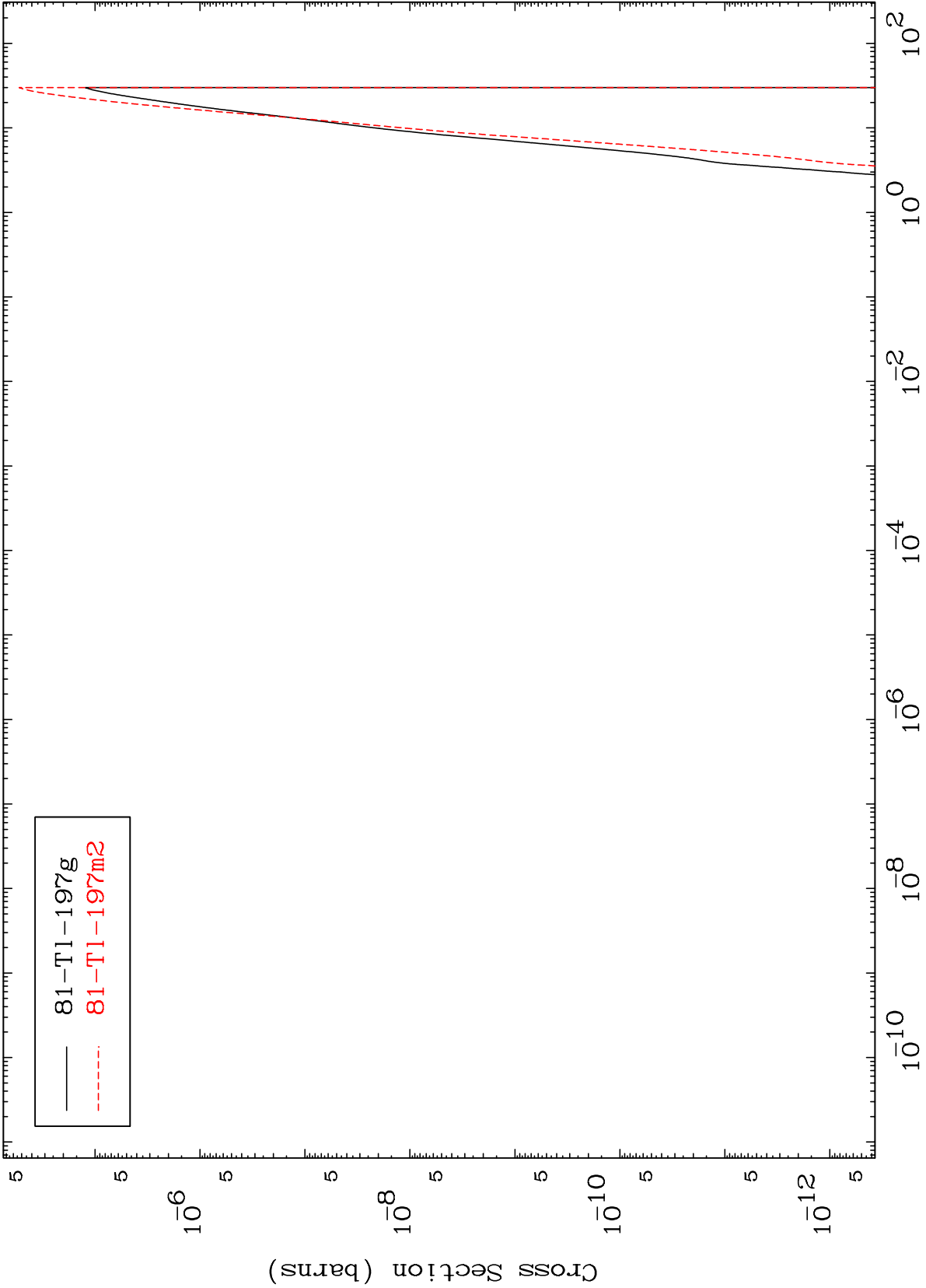
84-Po-201

MAT 8410

(n,p) α

84-Po-201

Radionuclide Production Cross Section



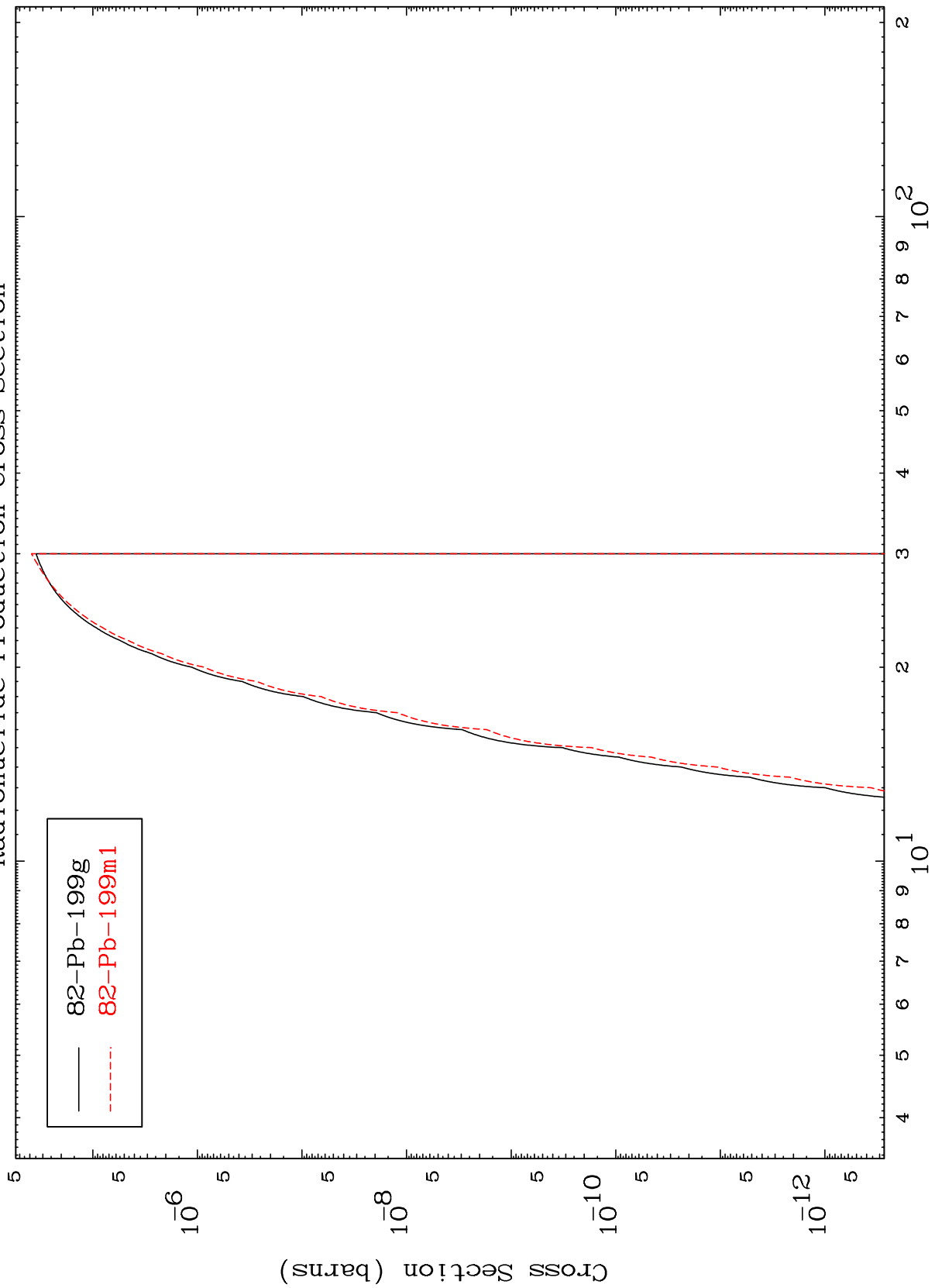
81-Tl-197g
81-Tl-197m2

MAT 8410

(n,p) d

84-Po-201

Radionuclide Production Cross Section



82-Pb-199g
82-Pb-199m1

95

Incident Energy (MeV)

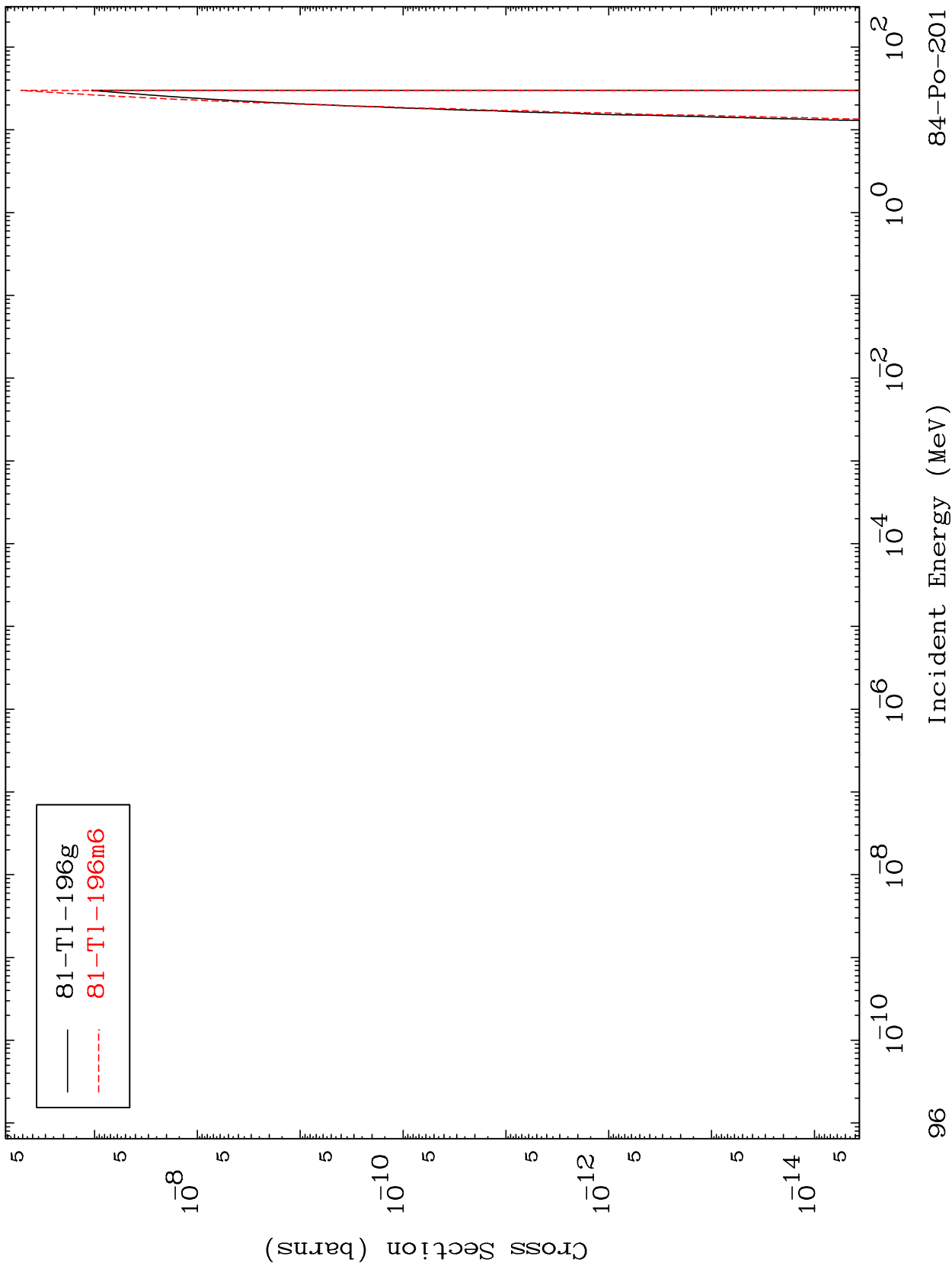
84-Po-201

MAT 8410

(n,d) α

84-Po-201

Radionuclide Production Cross Section



96

Incident Energy (MeV)

84-Po-201