

Program EVALPLOT
(Version 2021-1)

by

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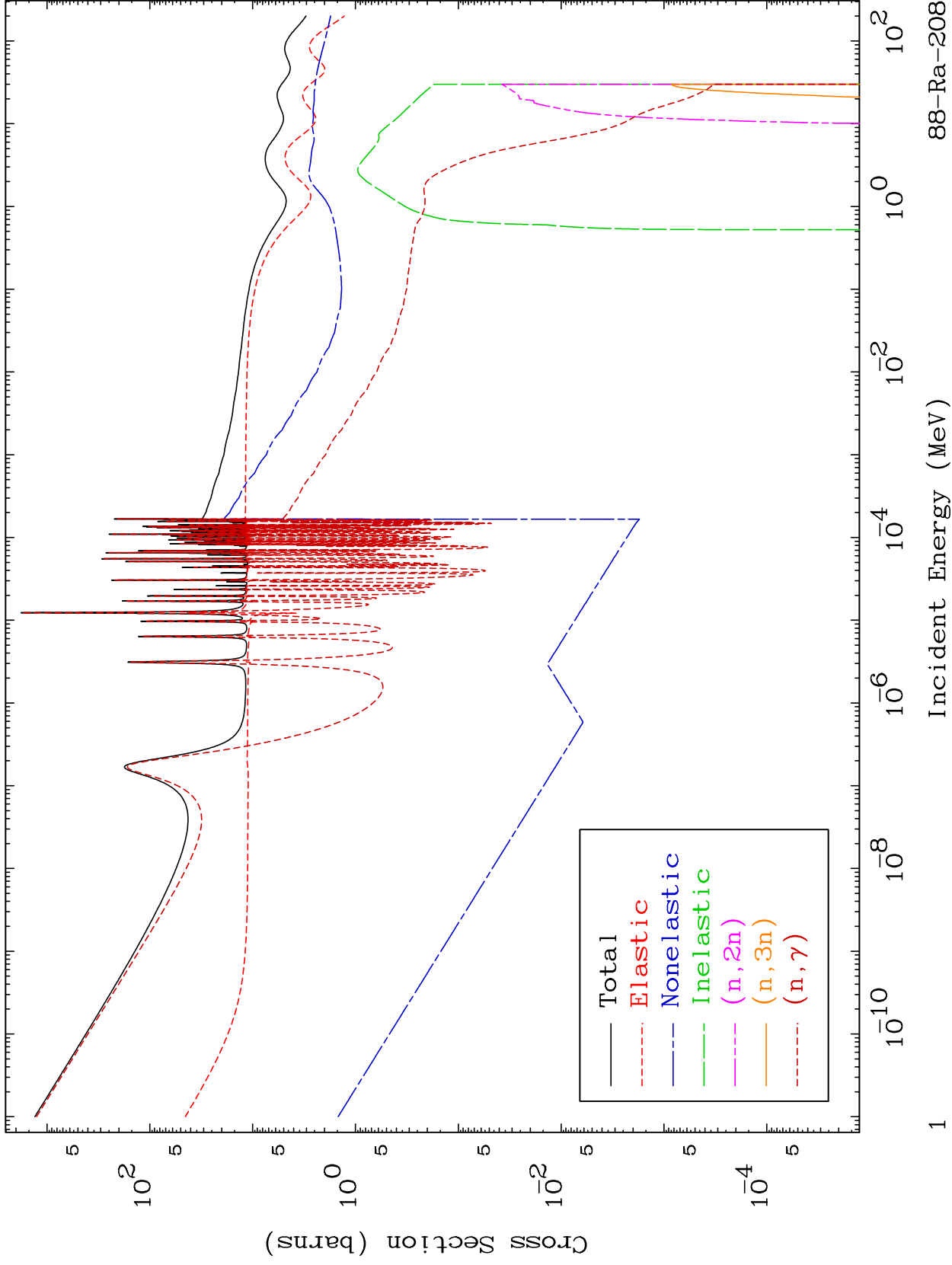
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8780

Neutron Major
293 Kelvin Cross Sections

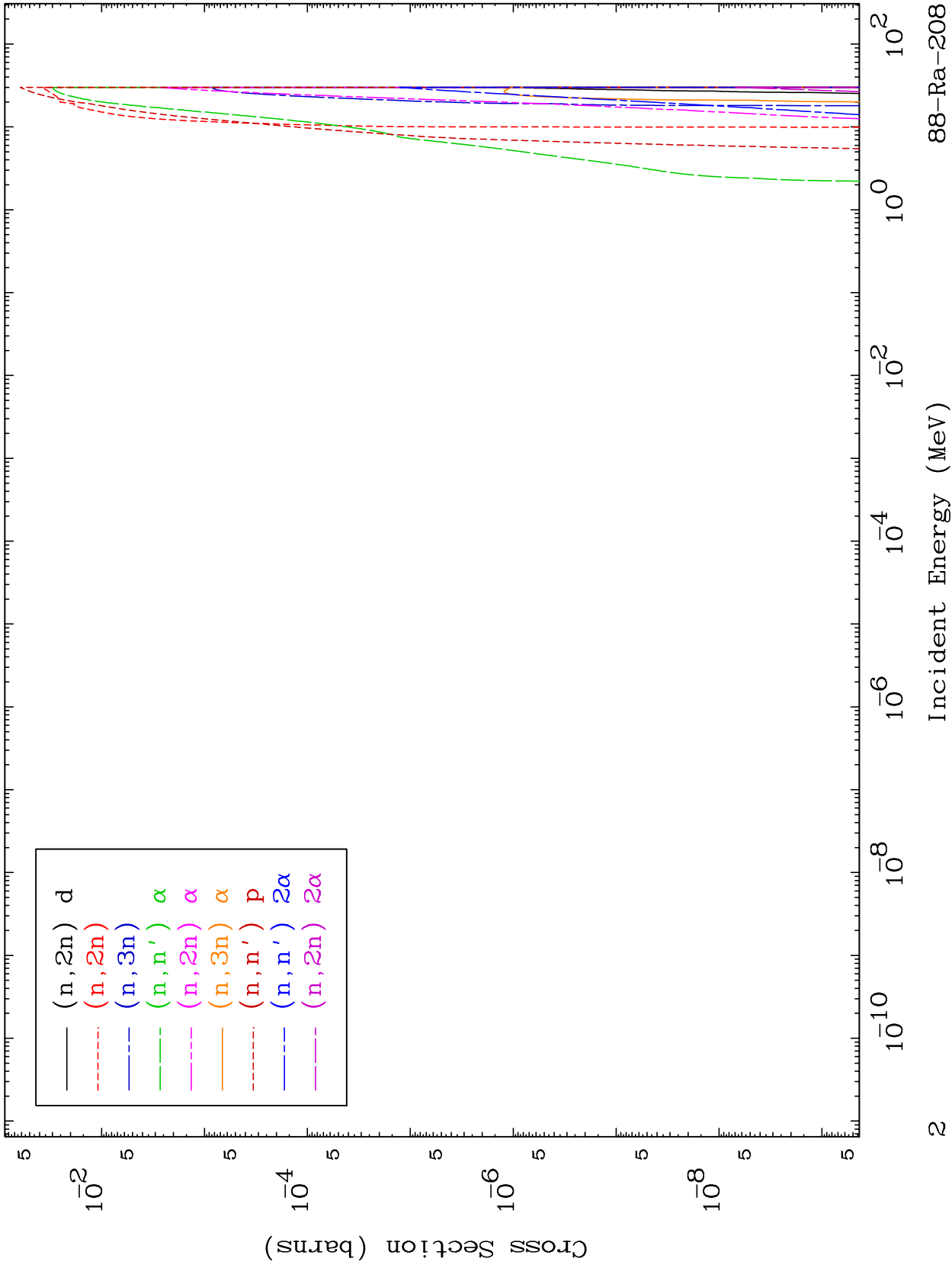
88-Ra-208



MAT 8780

Neutron Absorption
293 Kelvin Cross Sections

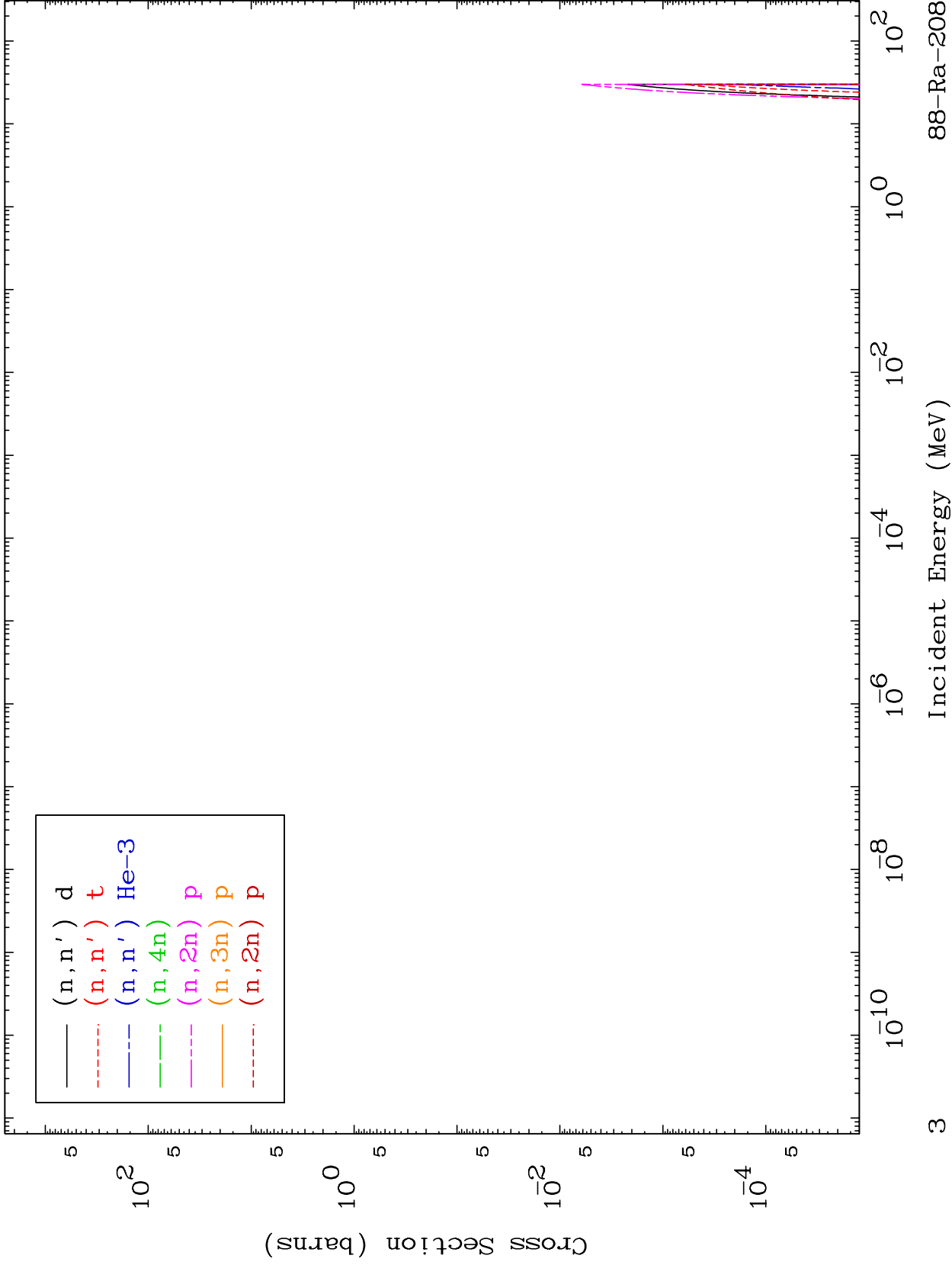
88-Ra-208

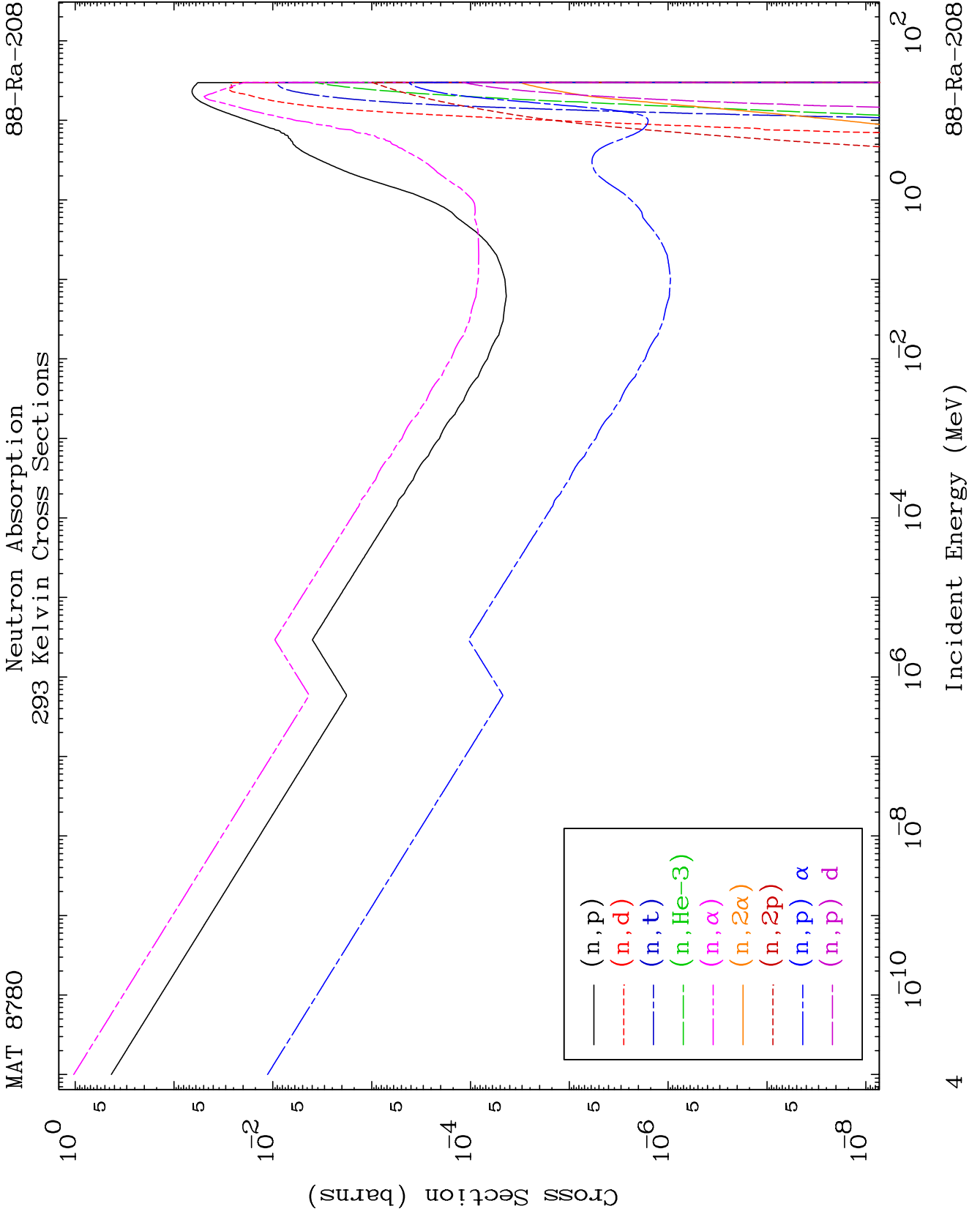


MAT 8780

Neutron Absorption
293 Kelvin Cross Sections

88-Ra-208

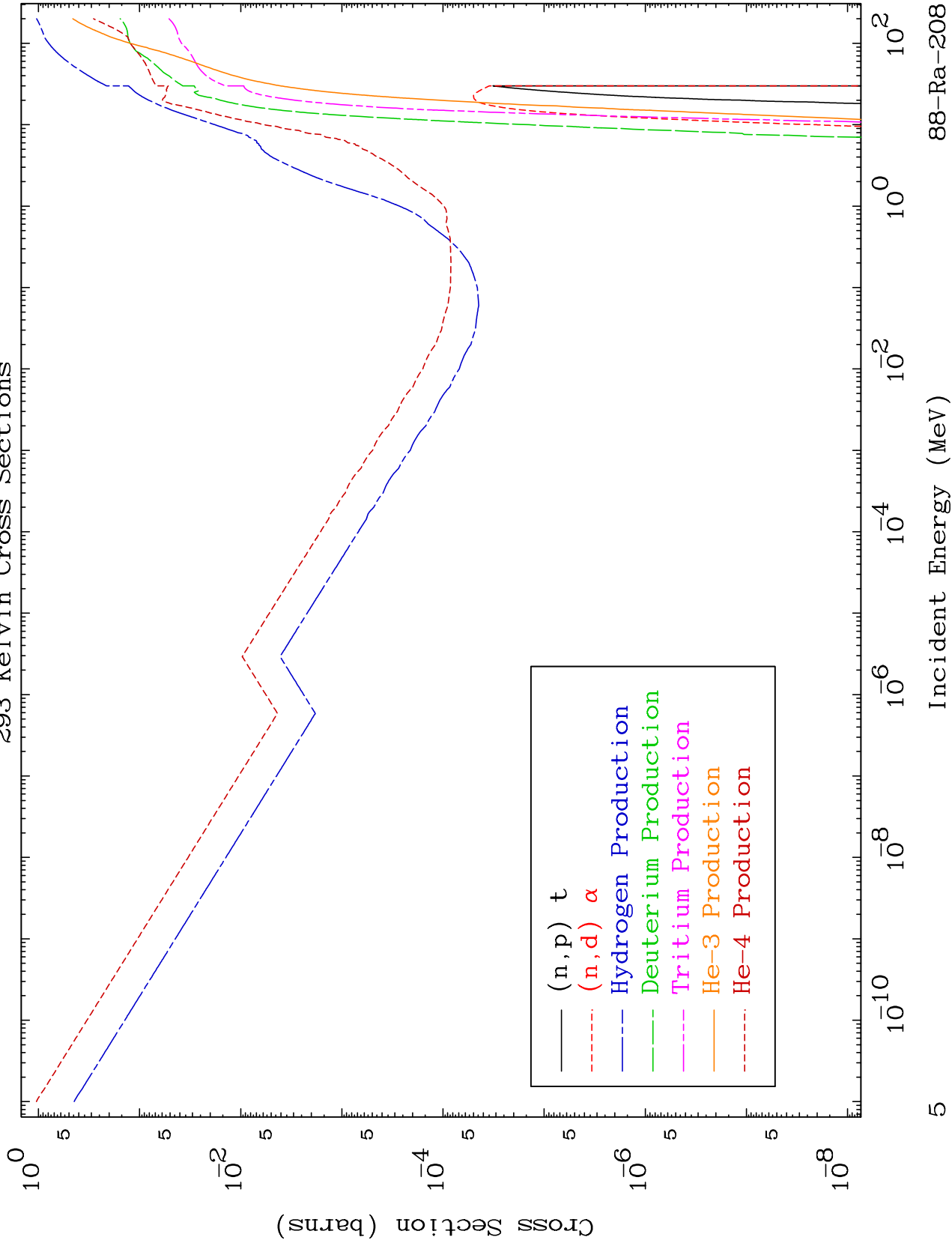




MAT 8780

Neutron Absorption
293 Kelvin Cross Sections

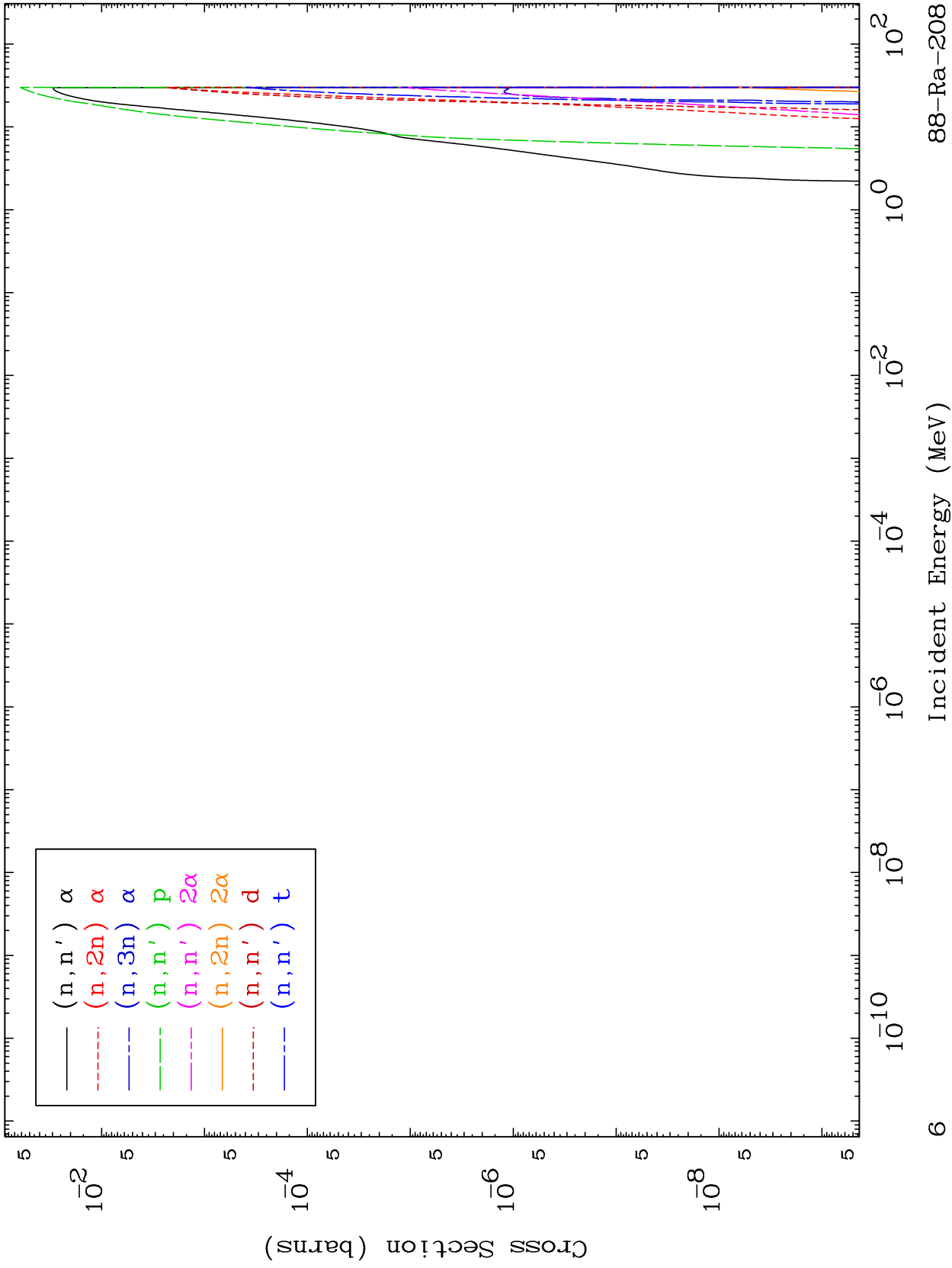
88-Ra-208



MAT 8780

Charged Particle
293 Kelvin Cross Sections

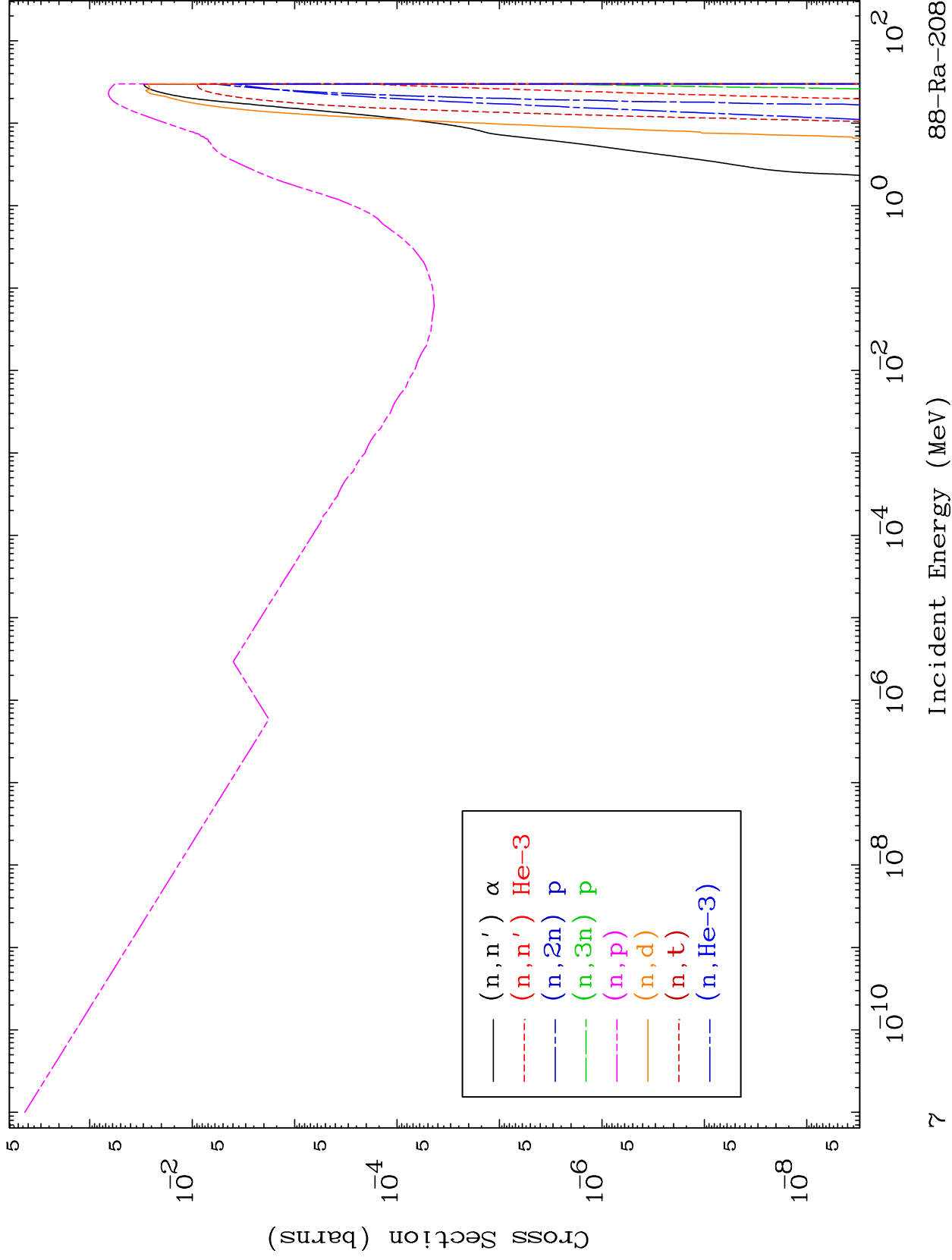
88-Ra-208



MAT 8780

Charged Particle
293 Kelvin Cross Sections

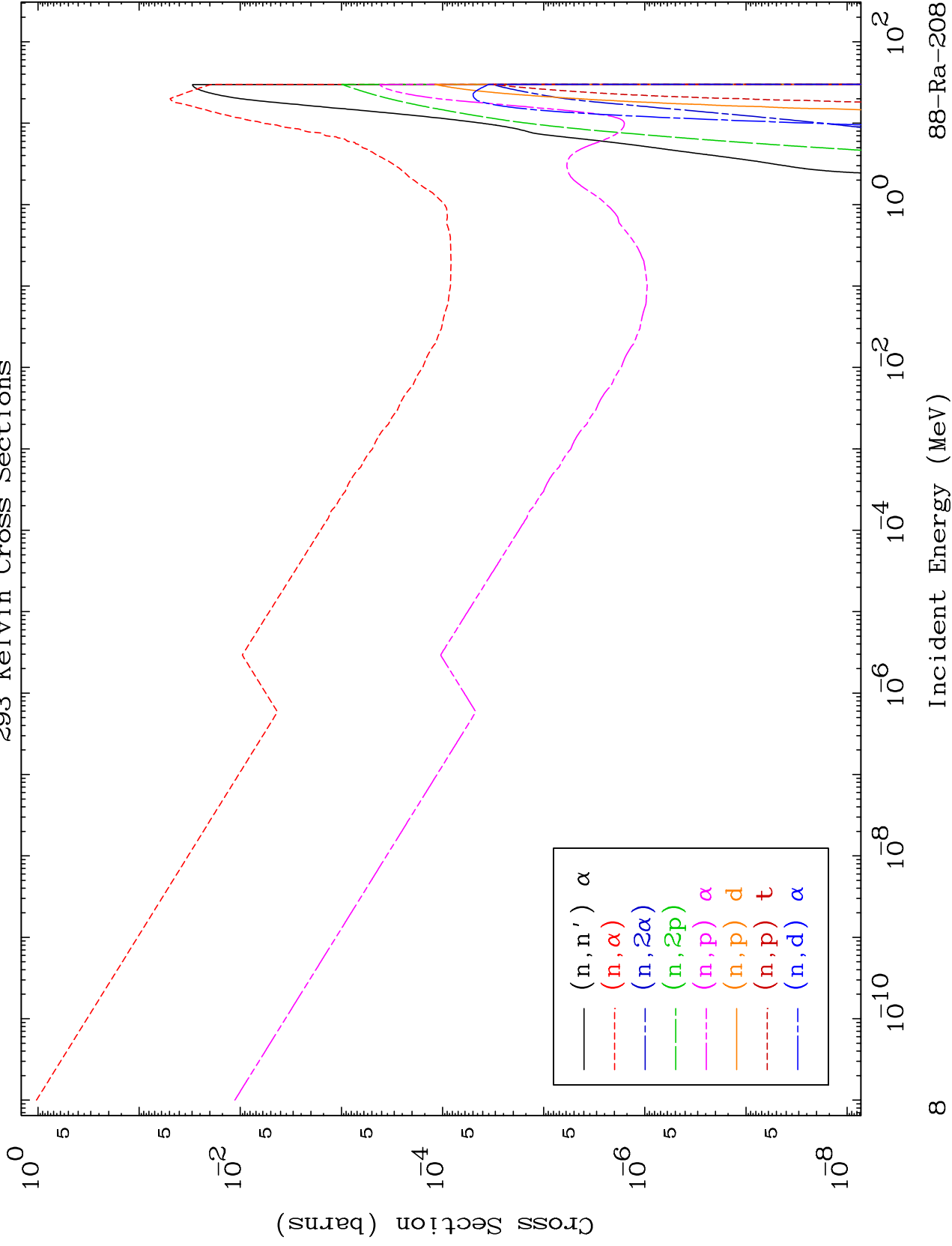
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MAT 8780

Charged Particle
293 Kelvin Cross Sections

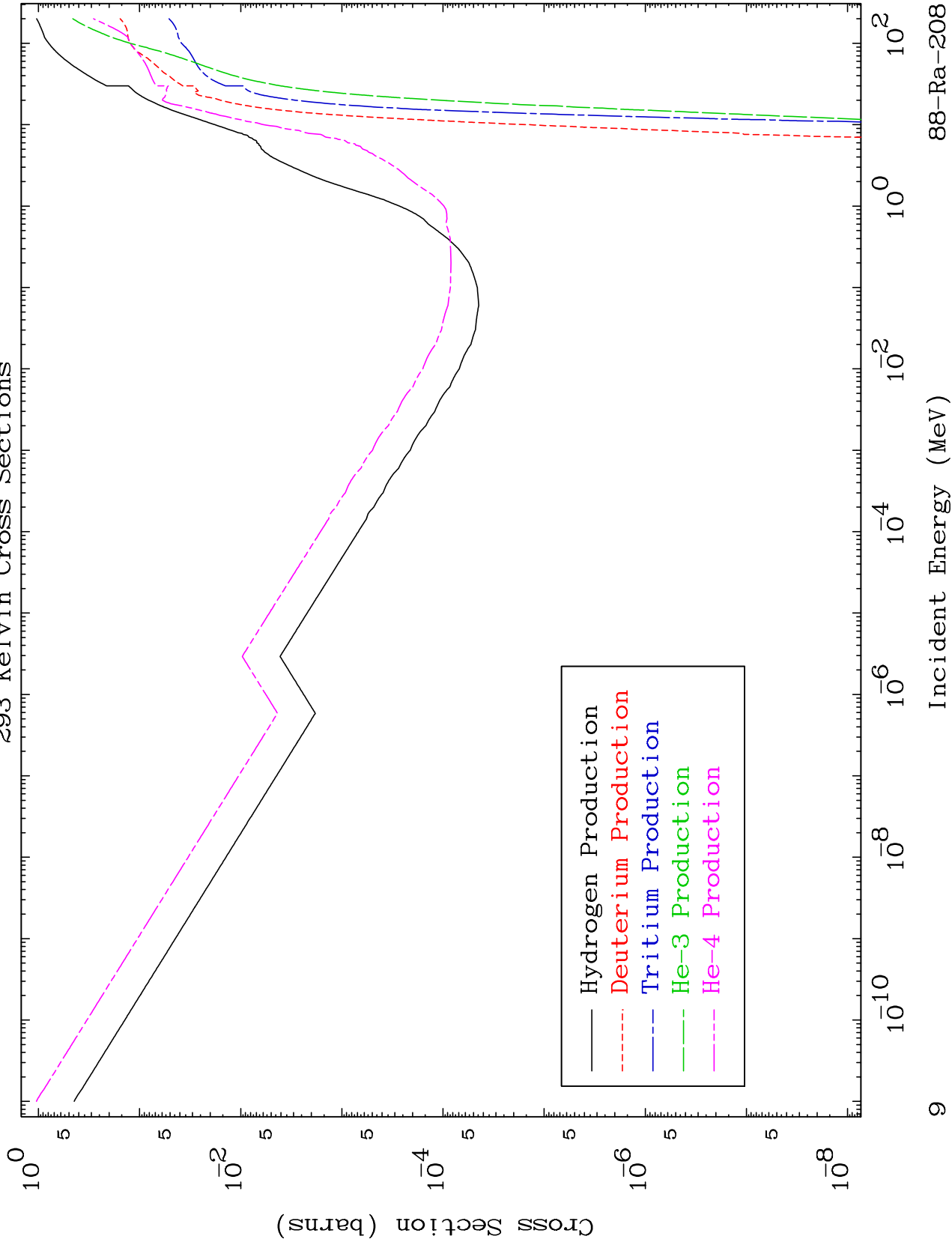
88-Ra-208



MAT 8780

Particle Production
293 Kelvin Cross Sections

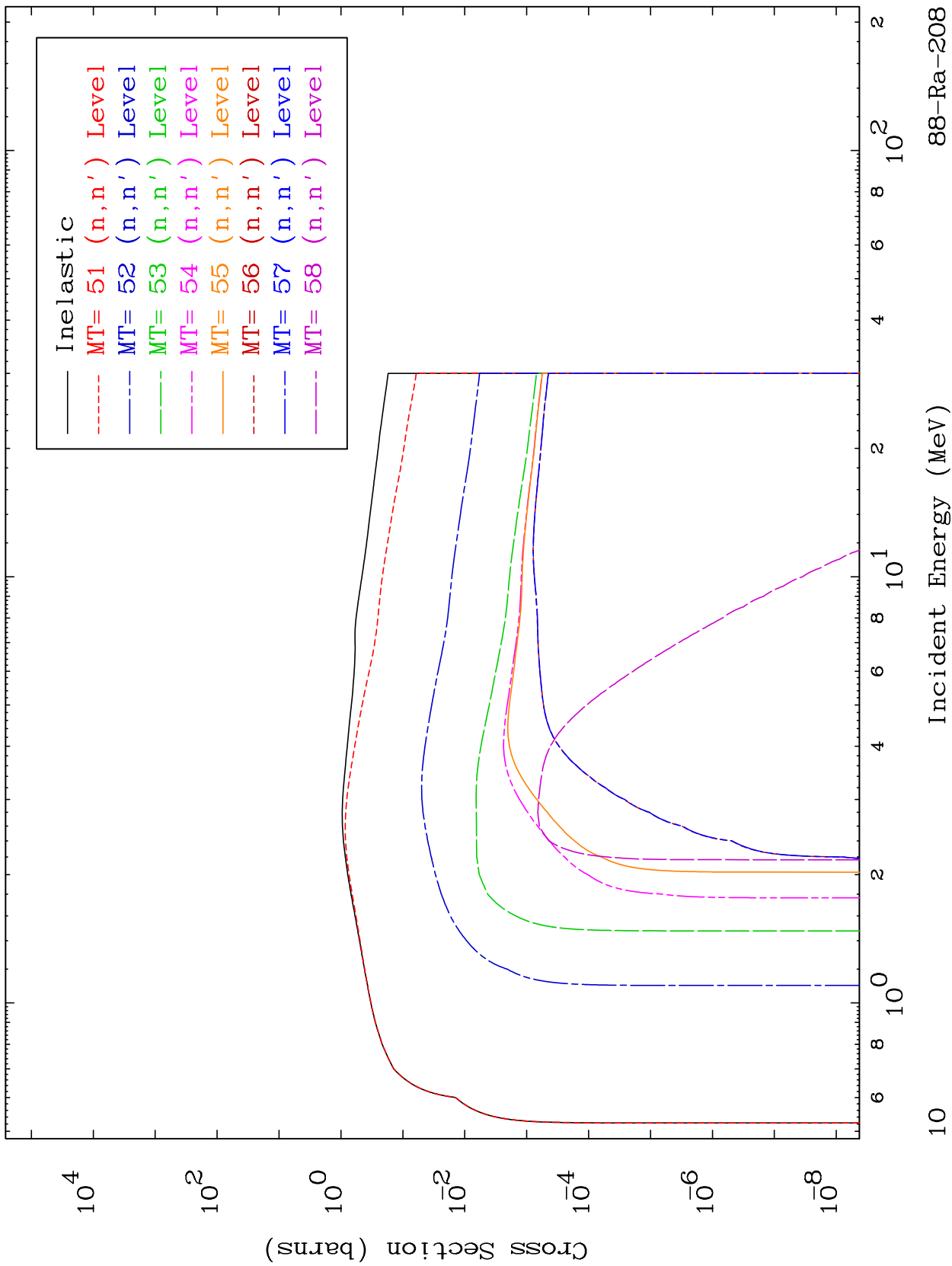
88-Ra-208



MAT 8780

(n,n') Levels
293 Kelvin Cross Sections

88-Ra-208

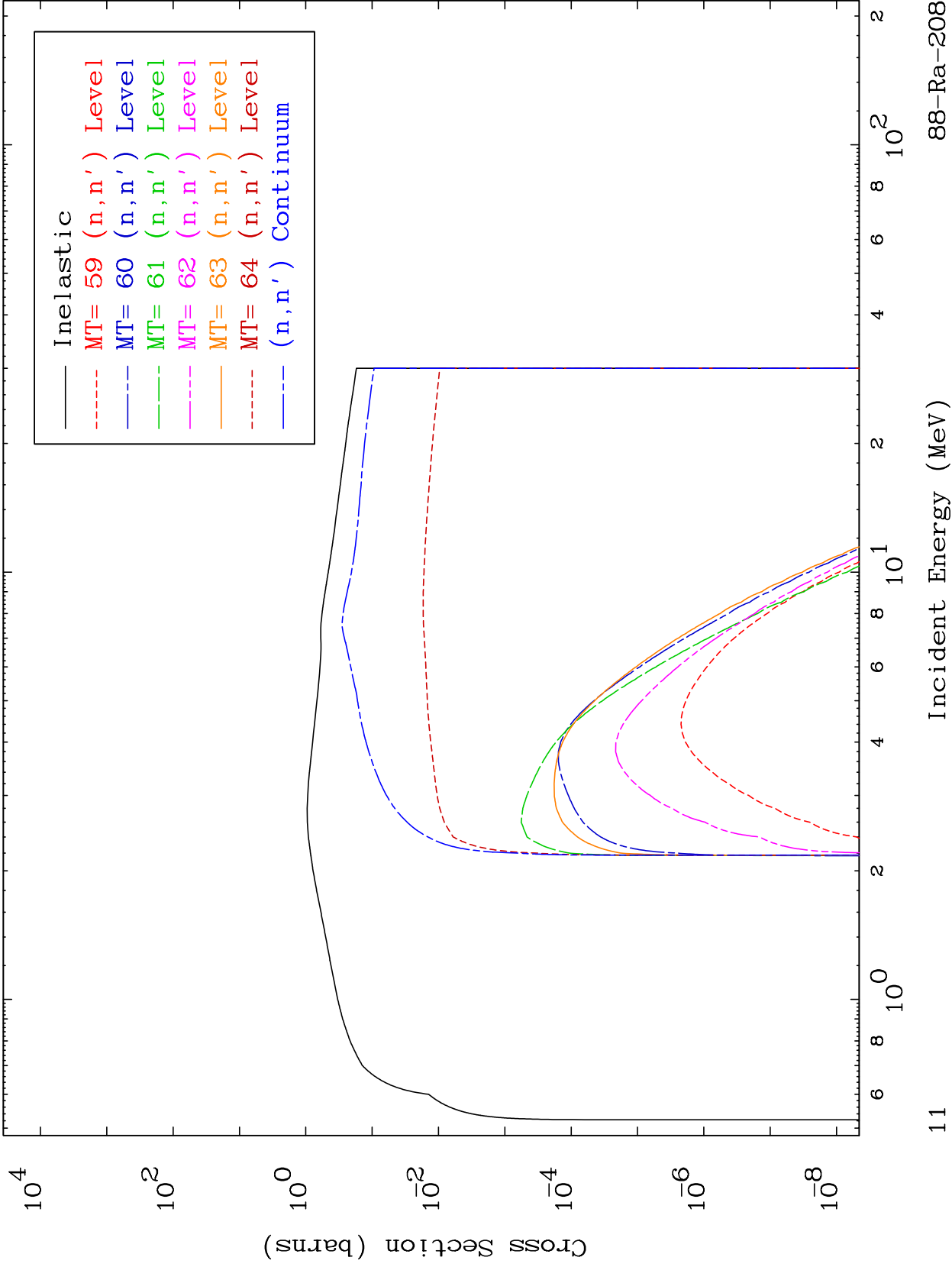


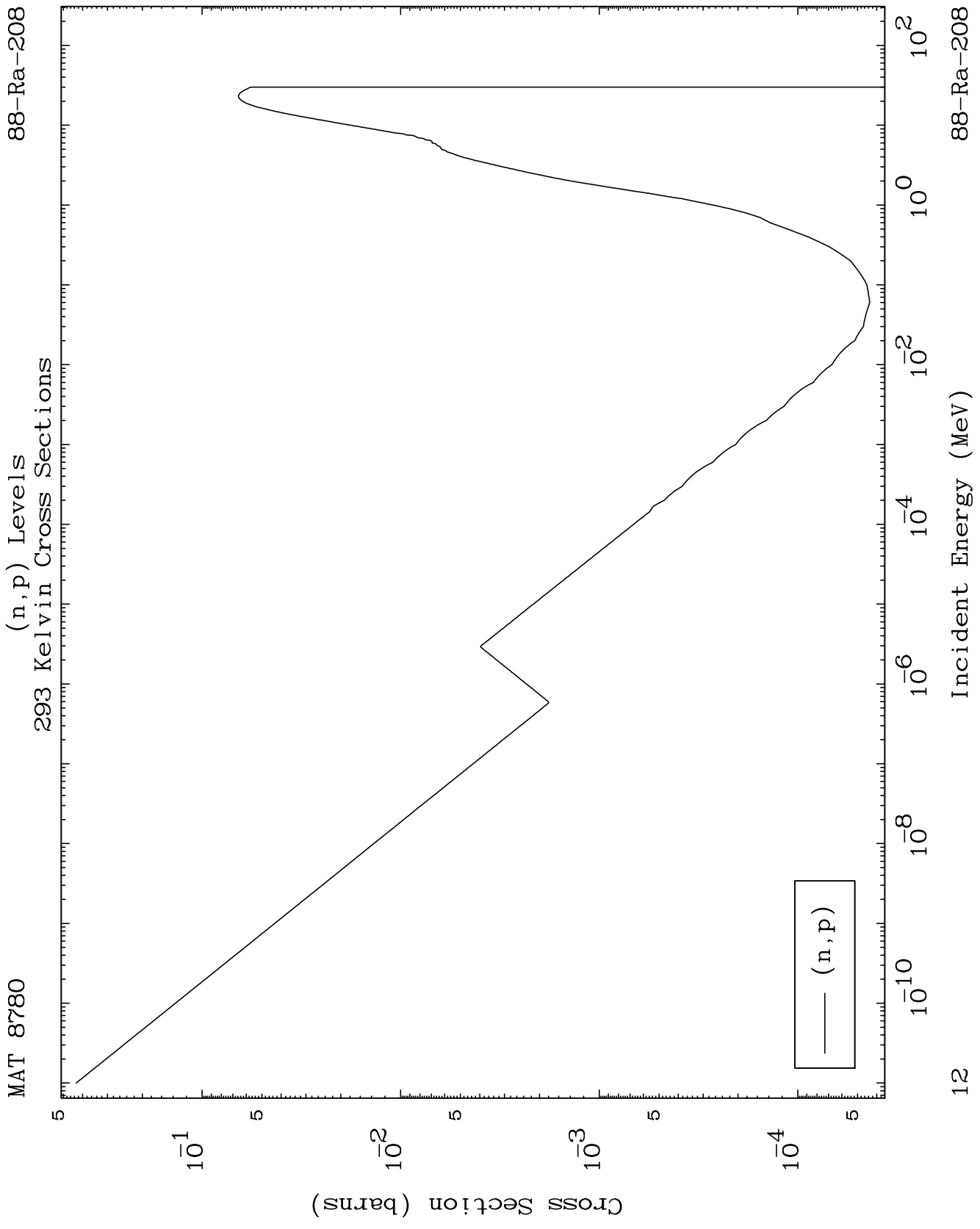
88-Ra-208

Incident Energy (MeV)

10

293 Kelvin Cross Sections

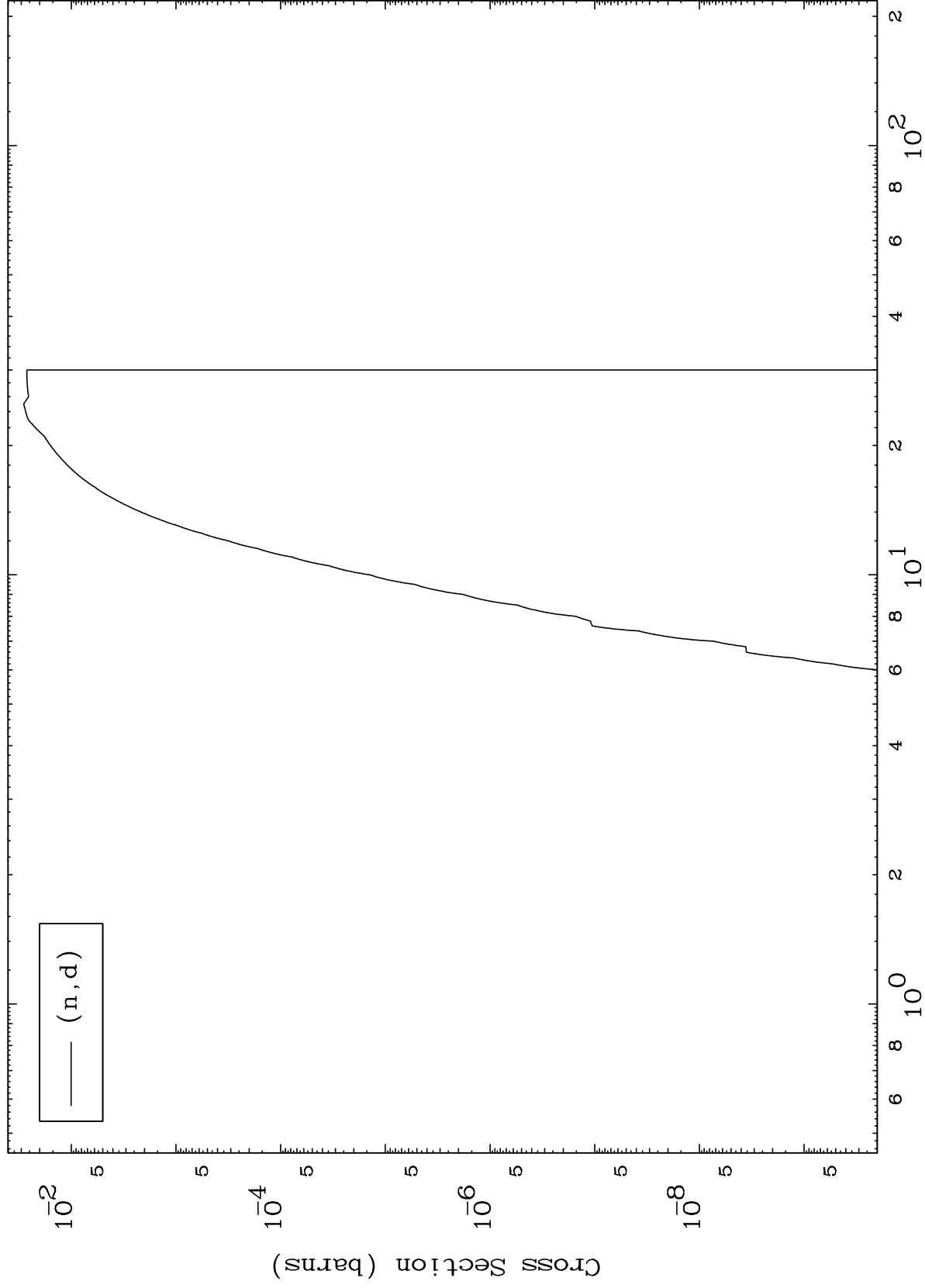




MAT 8780

(n,d) Levels
293 Kelvin Cross Sections

88-Ra-208



13

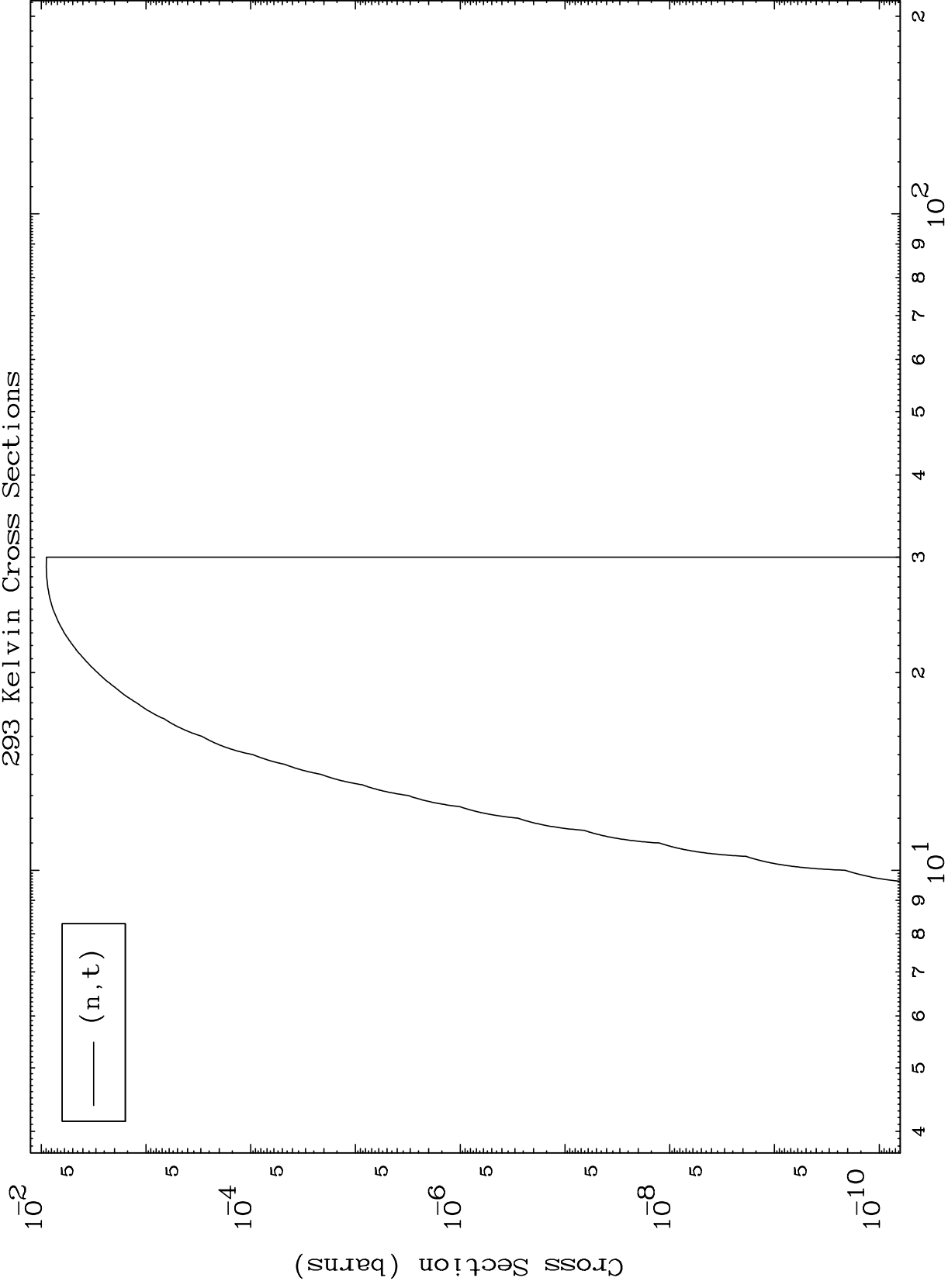
Incident Energy (MeV)

88-Ra-208

MAT 8780

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-208



14

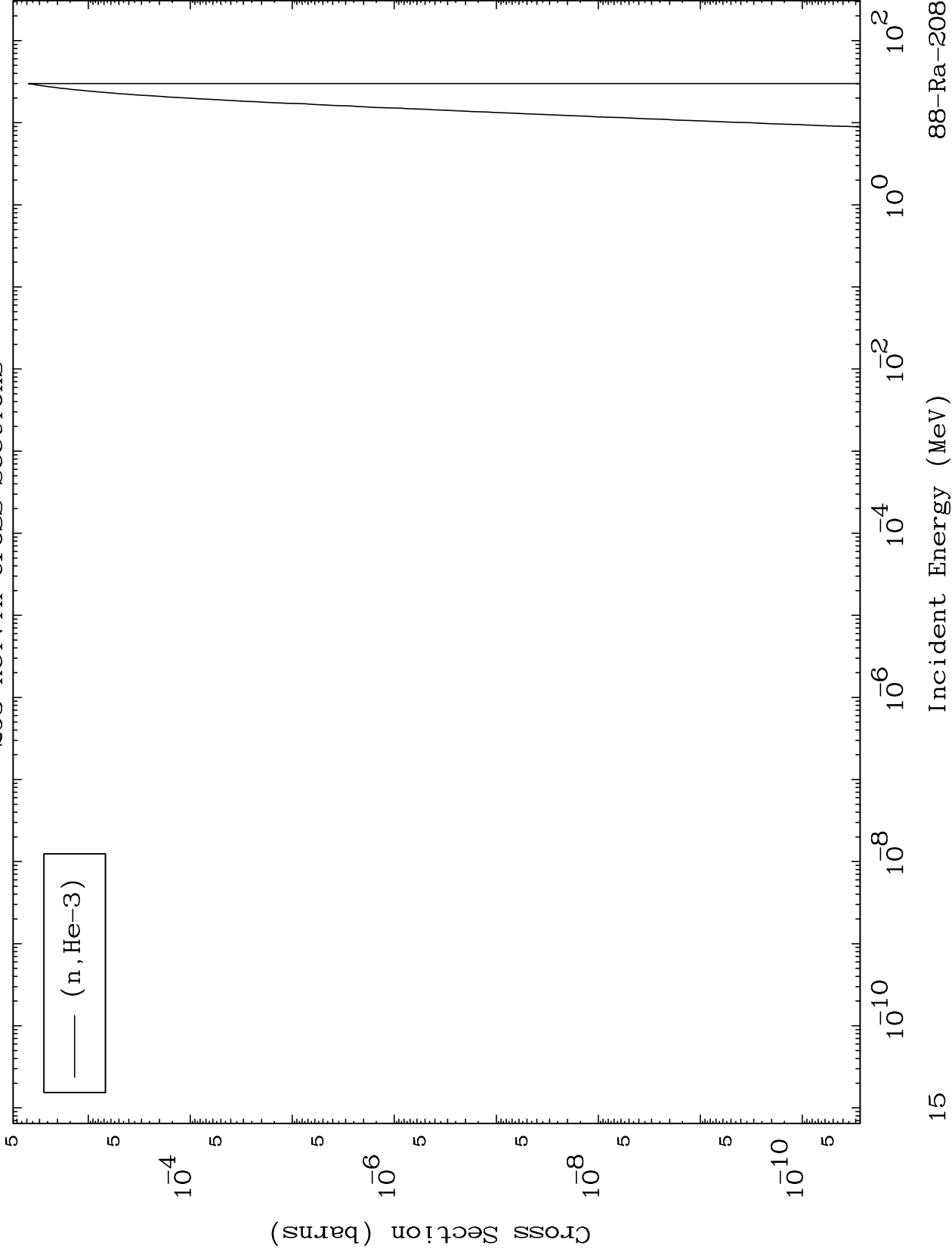
Incident Energy (MeV)

88-Ra-208

MAT 8780

(n,He3) Levels
293 Kelvin Cross Sections

88-Ra-208

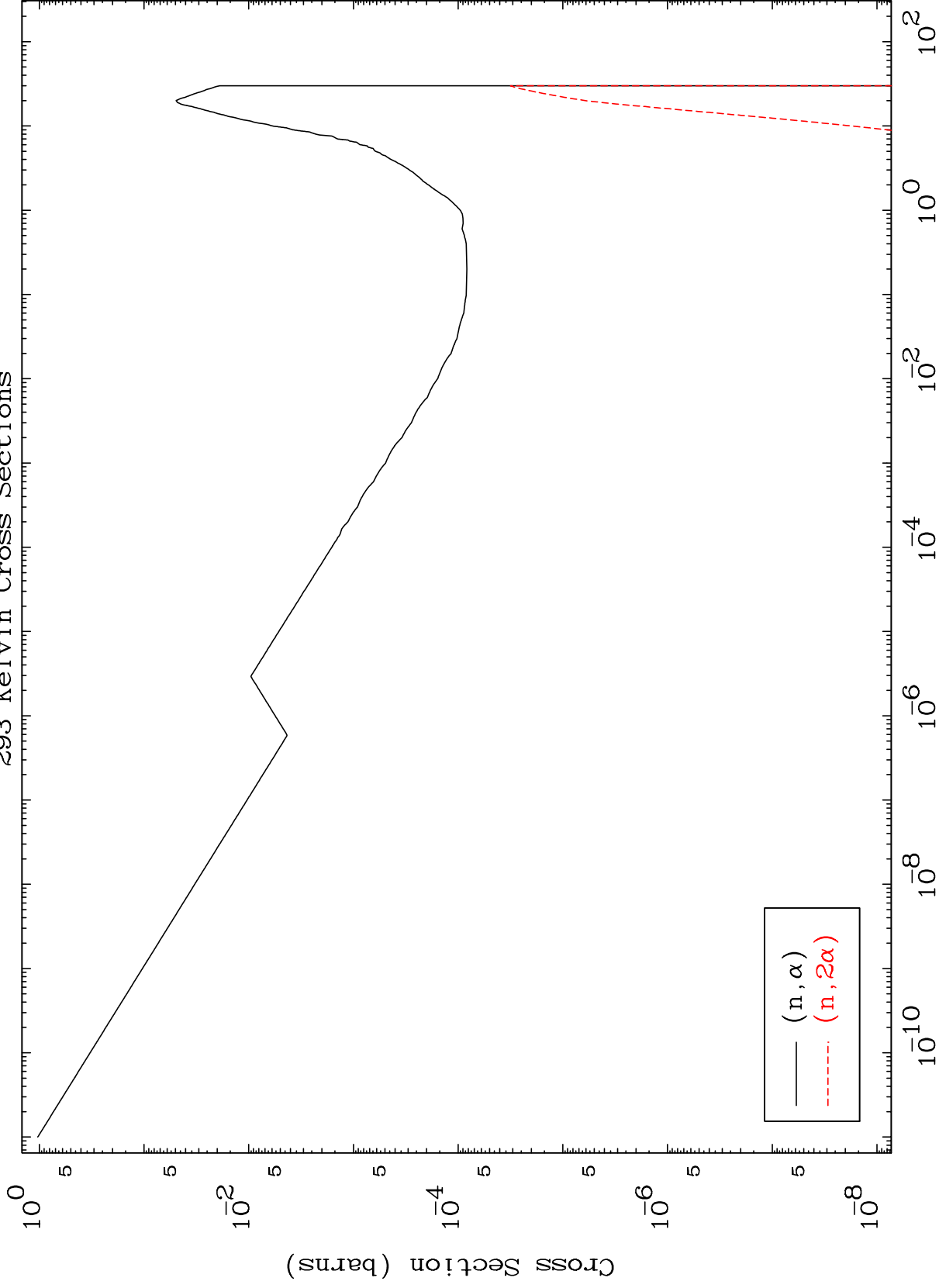


(n, He-3)

MAT 8780

(n,α) Levels
293 Kelvin Cross Sections

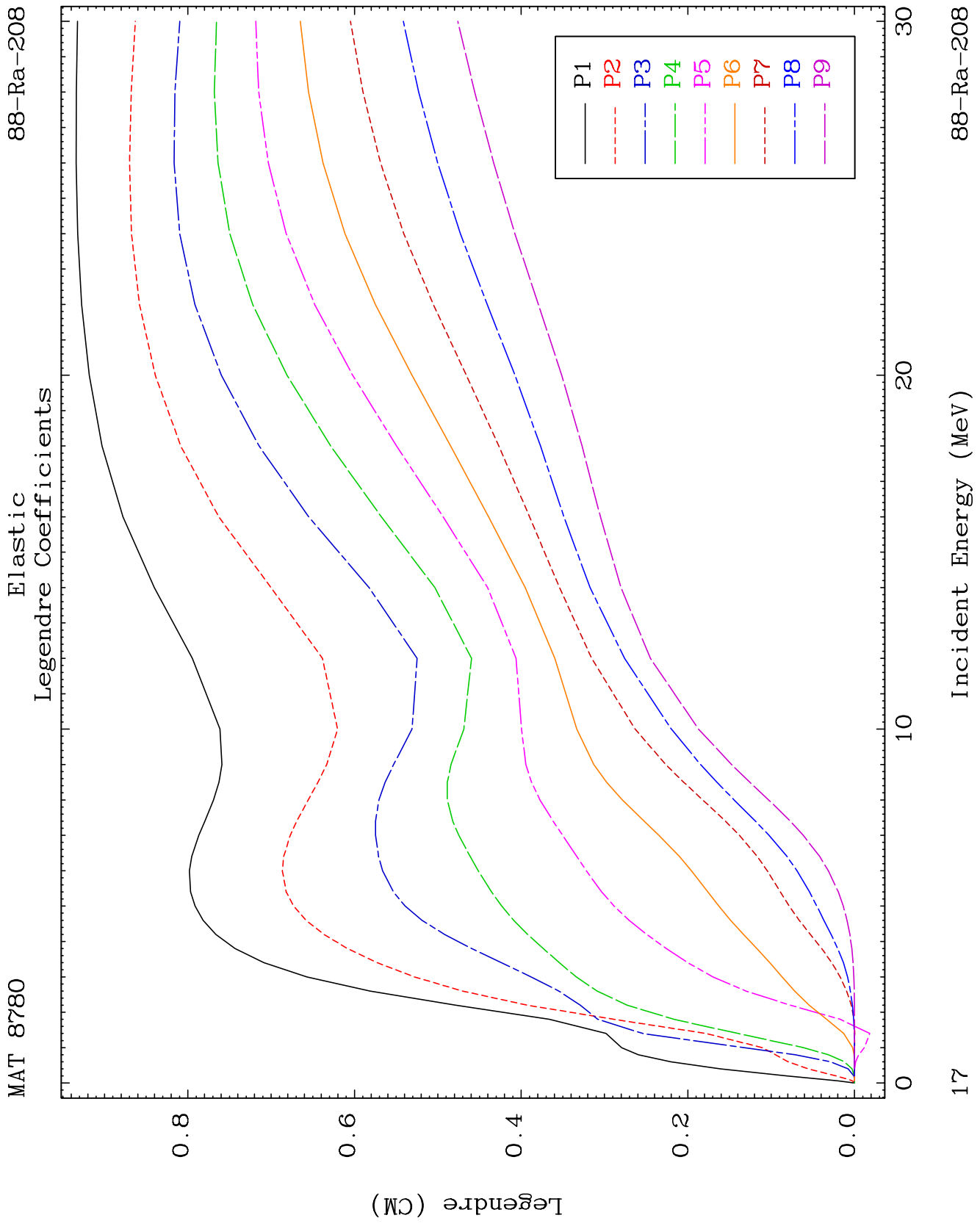
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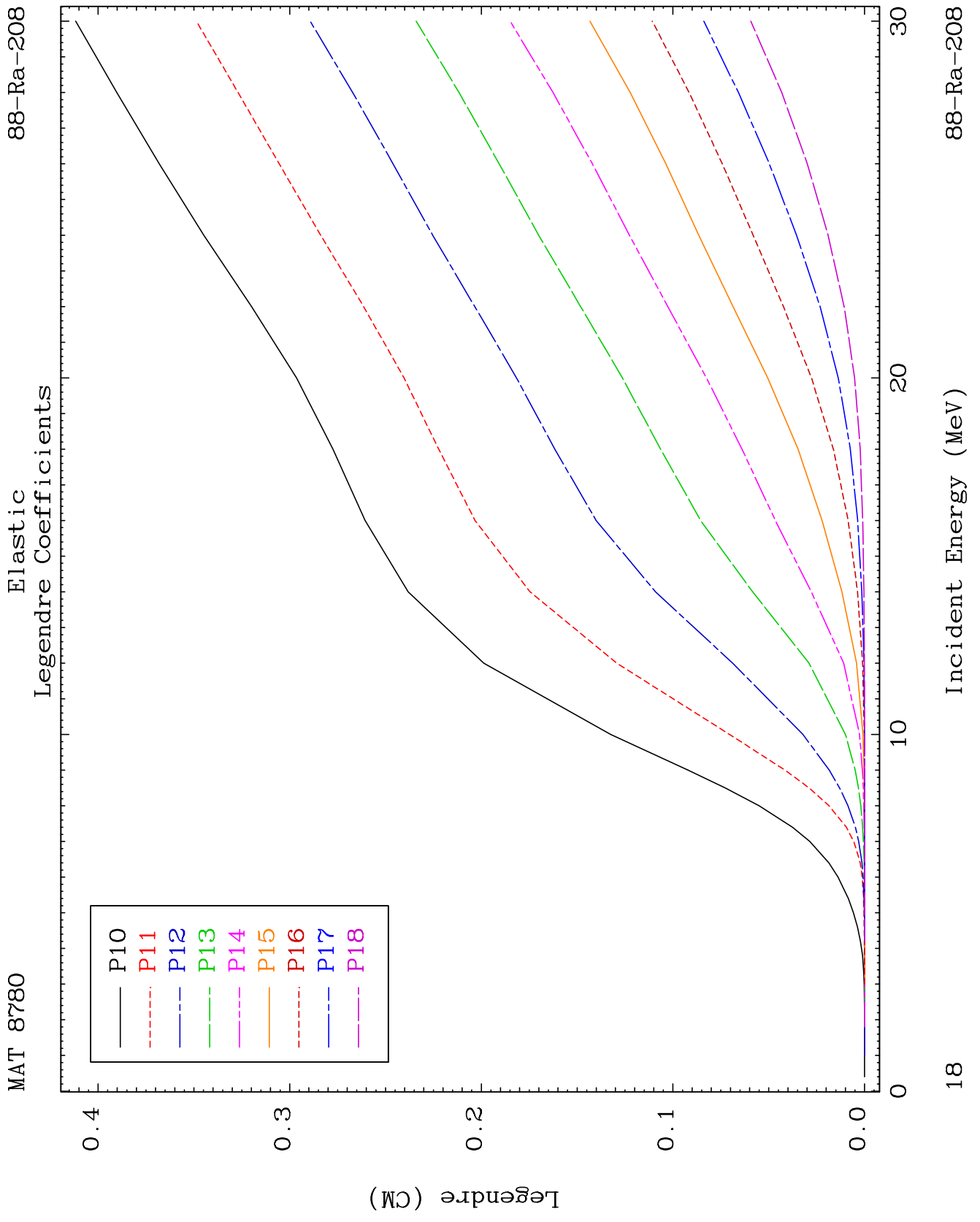


16

Incident Energy (MeV)

88-Ra-208

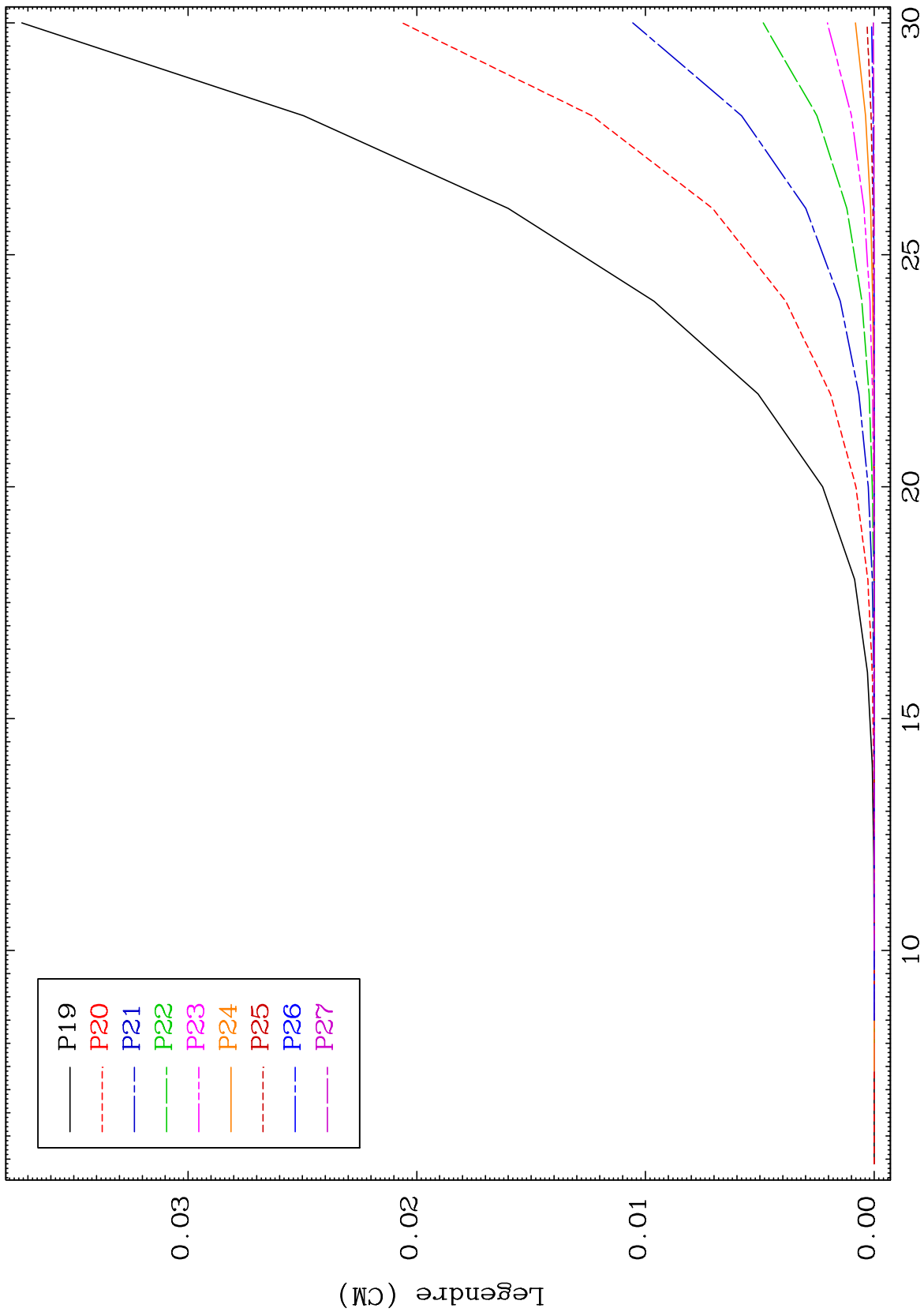




MAT 8780

Elastic Legendre Coefficients

88-Ra-208



19

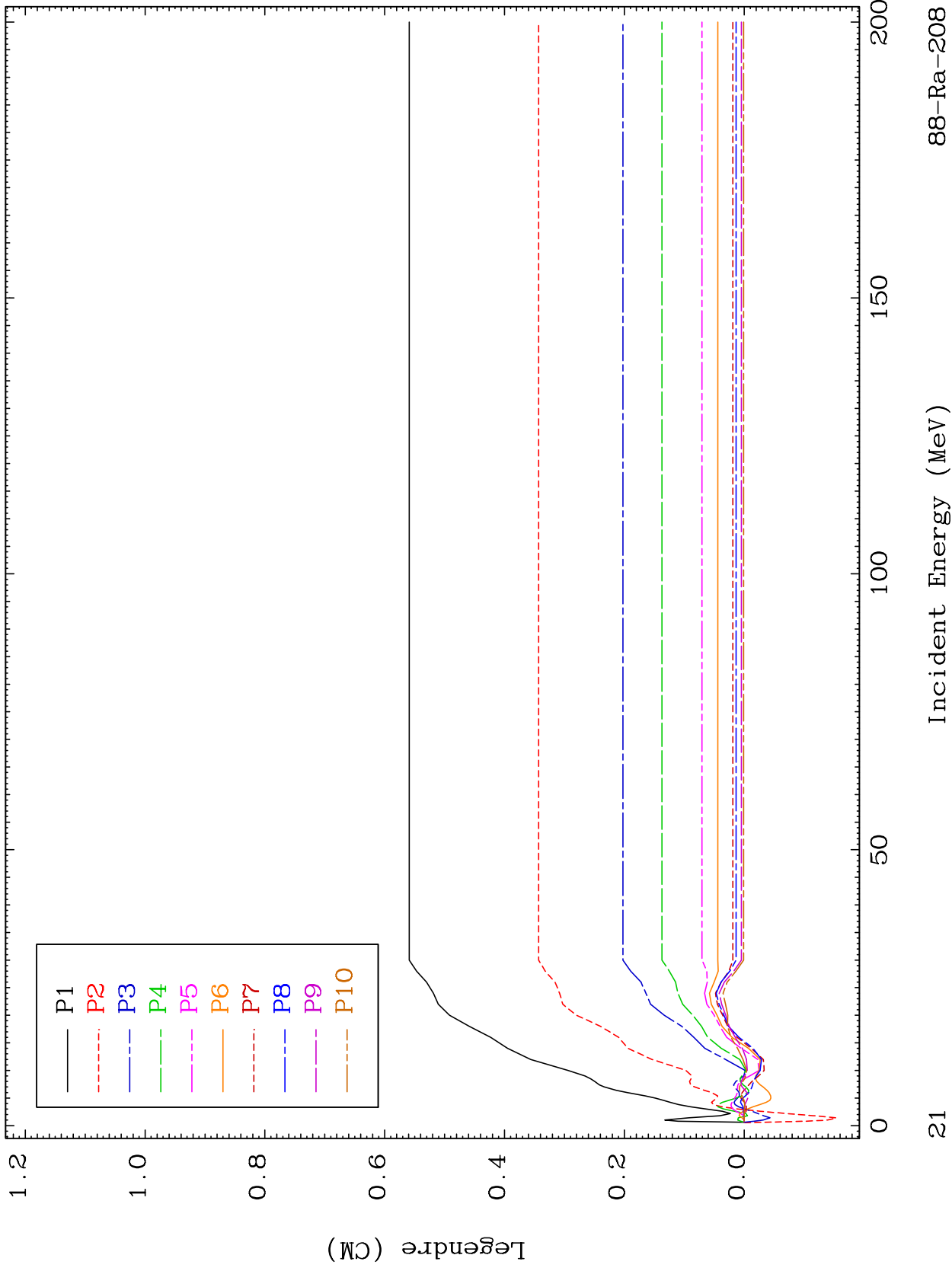
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



21

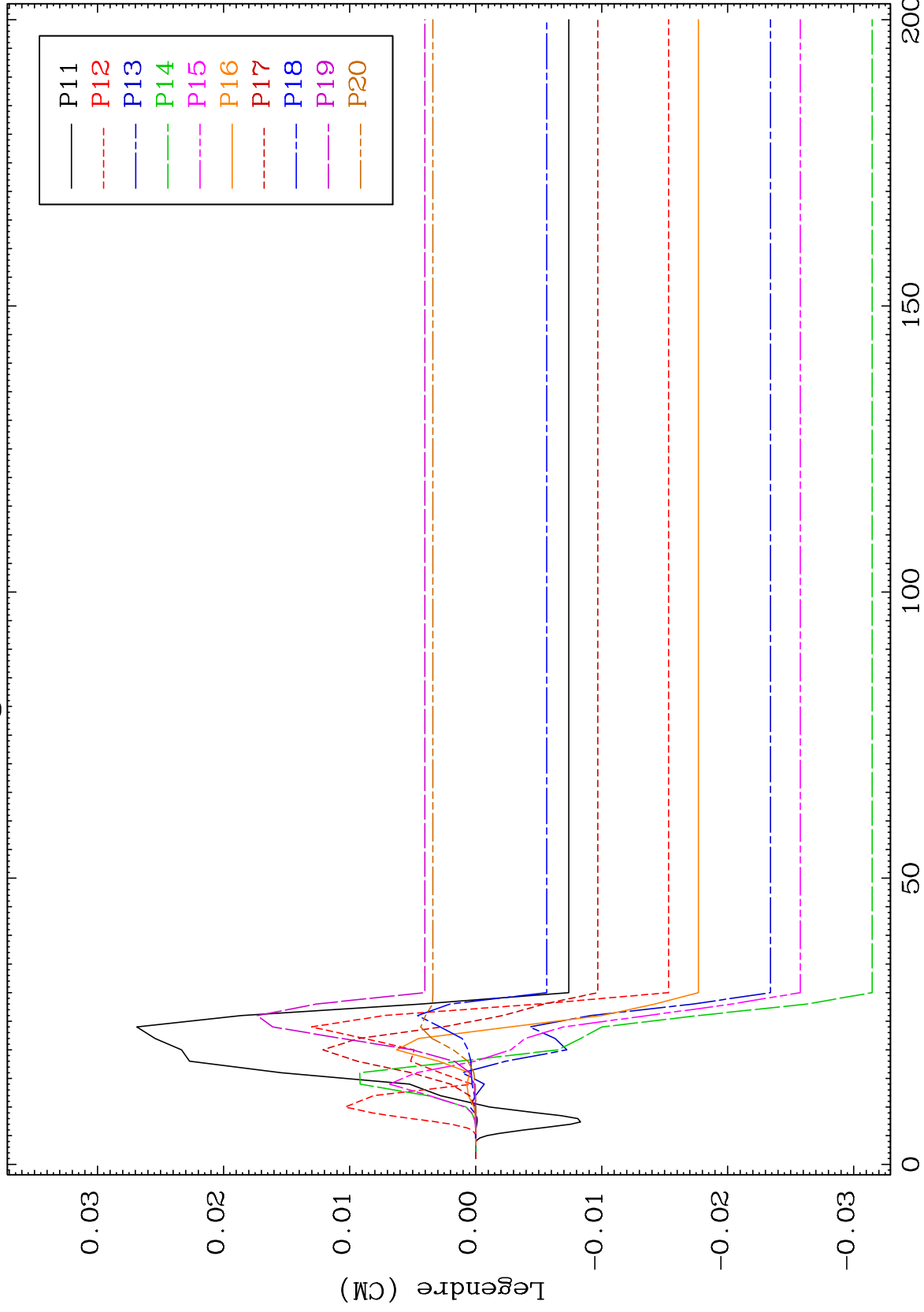
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



22

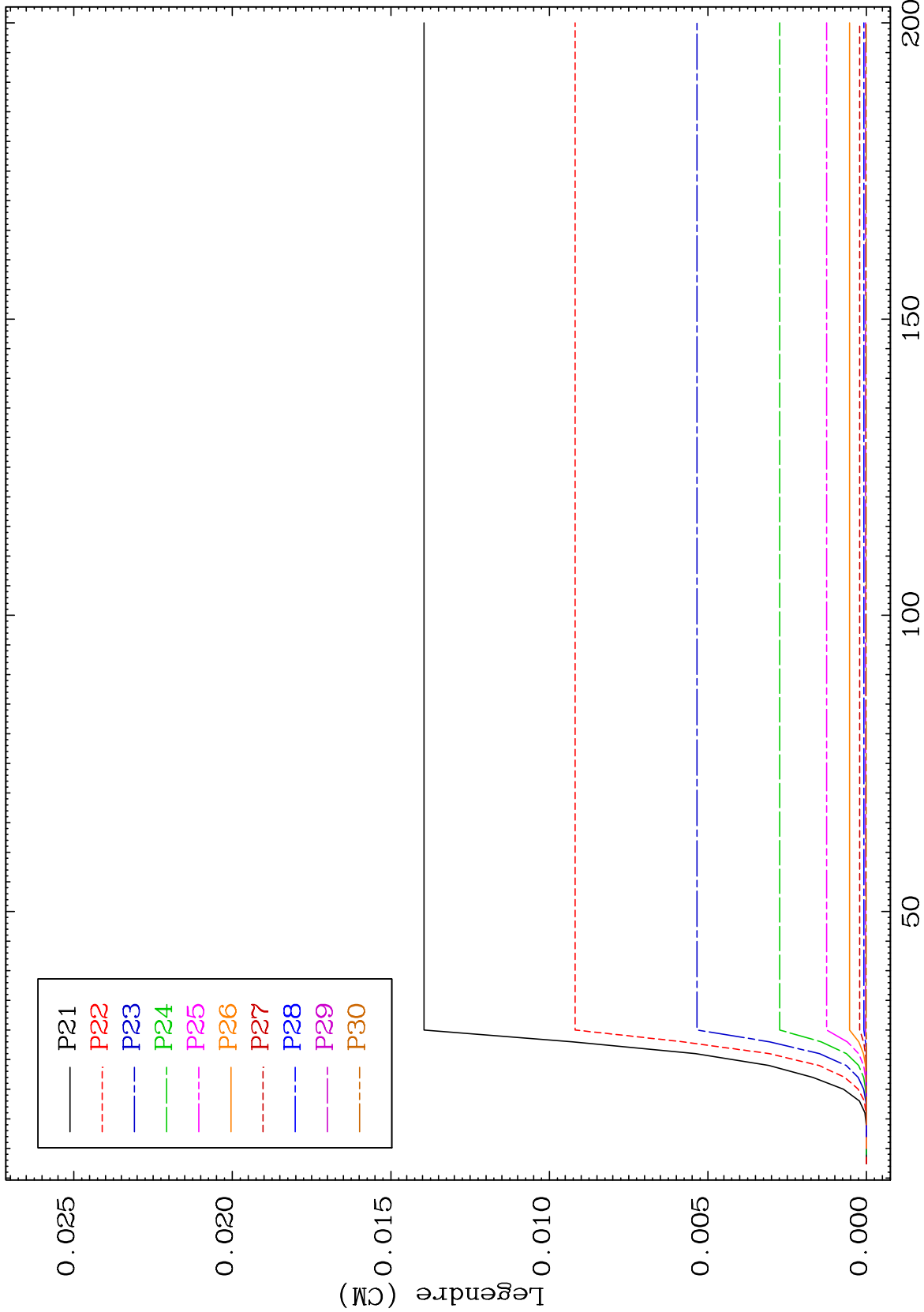
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

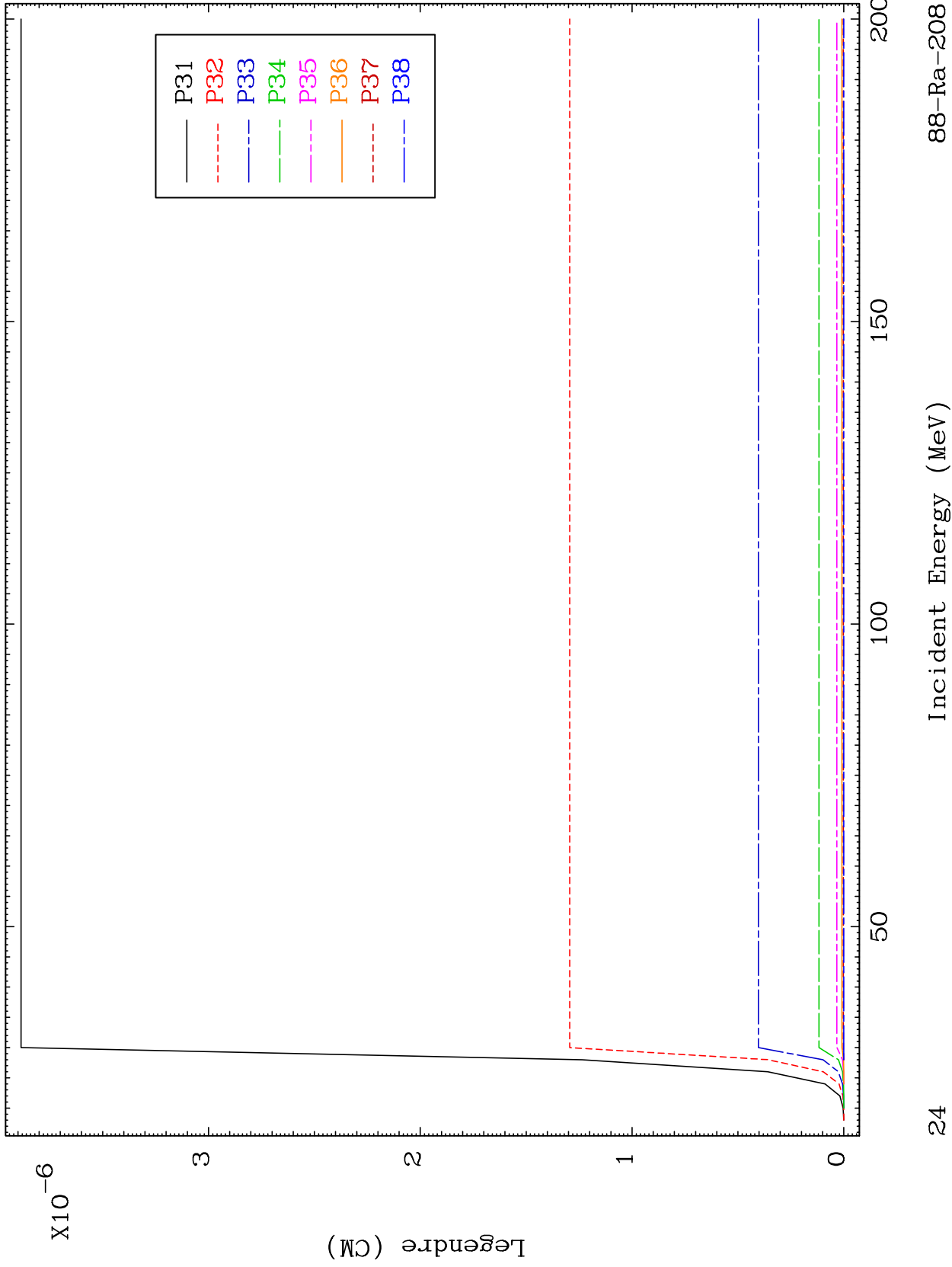
88-Ra-208



MAT 8780

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

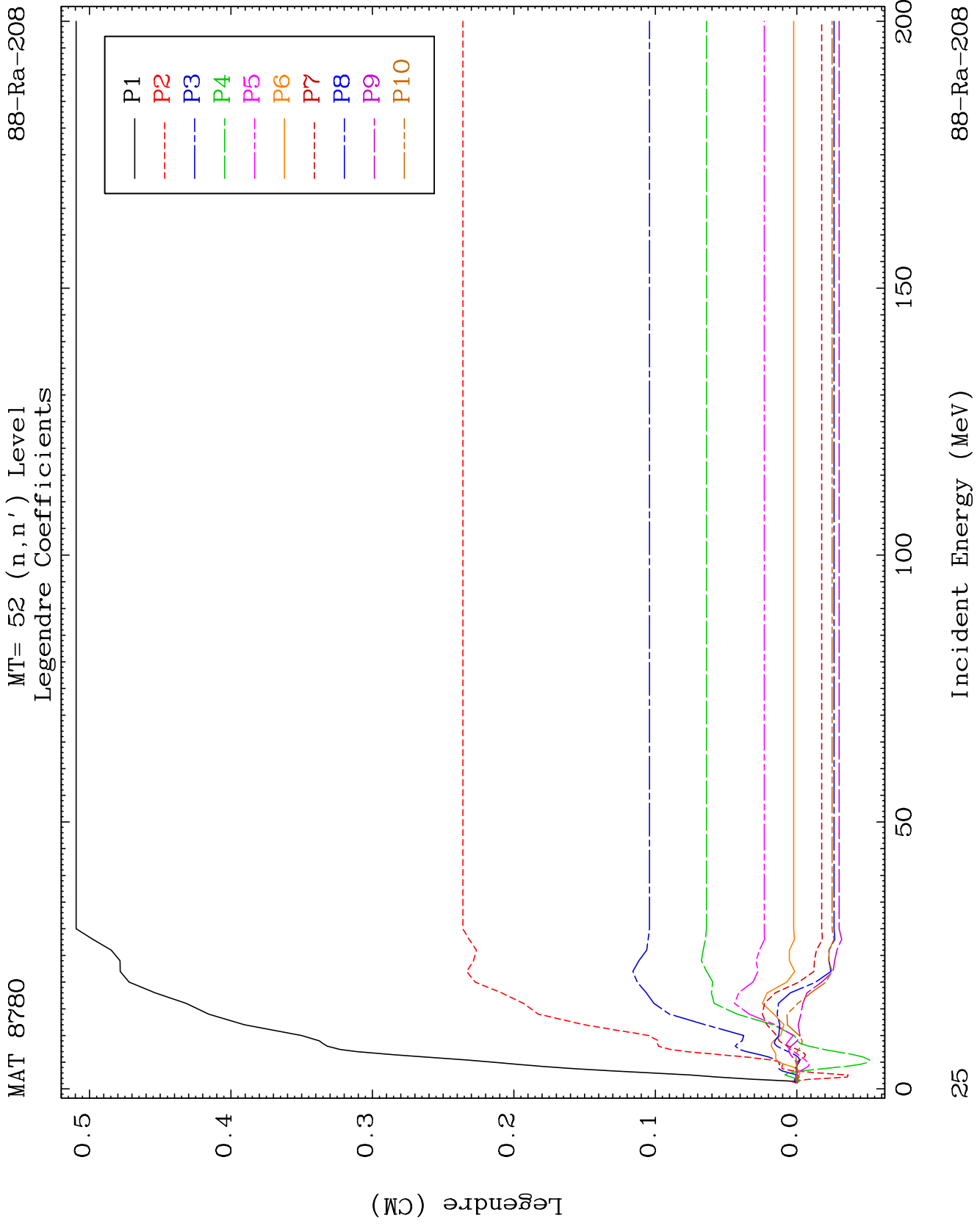
88-Ra-208



24

Incident Energy (MeV)

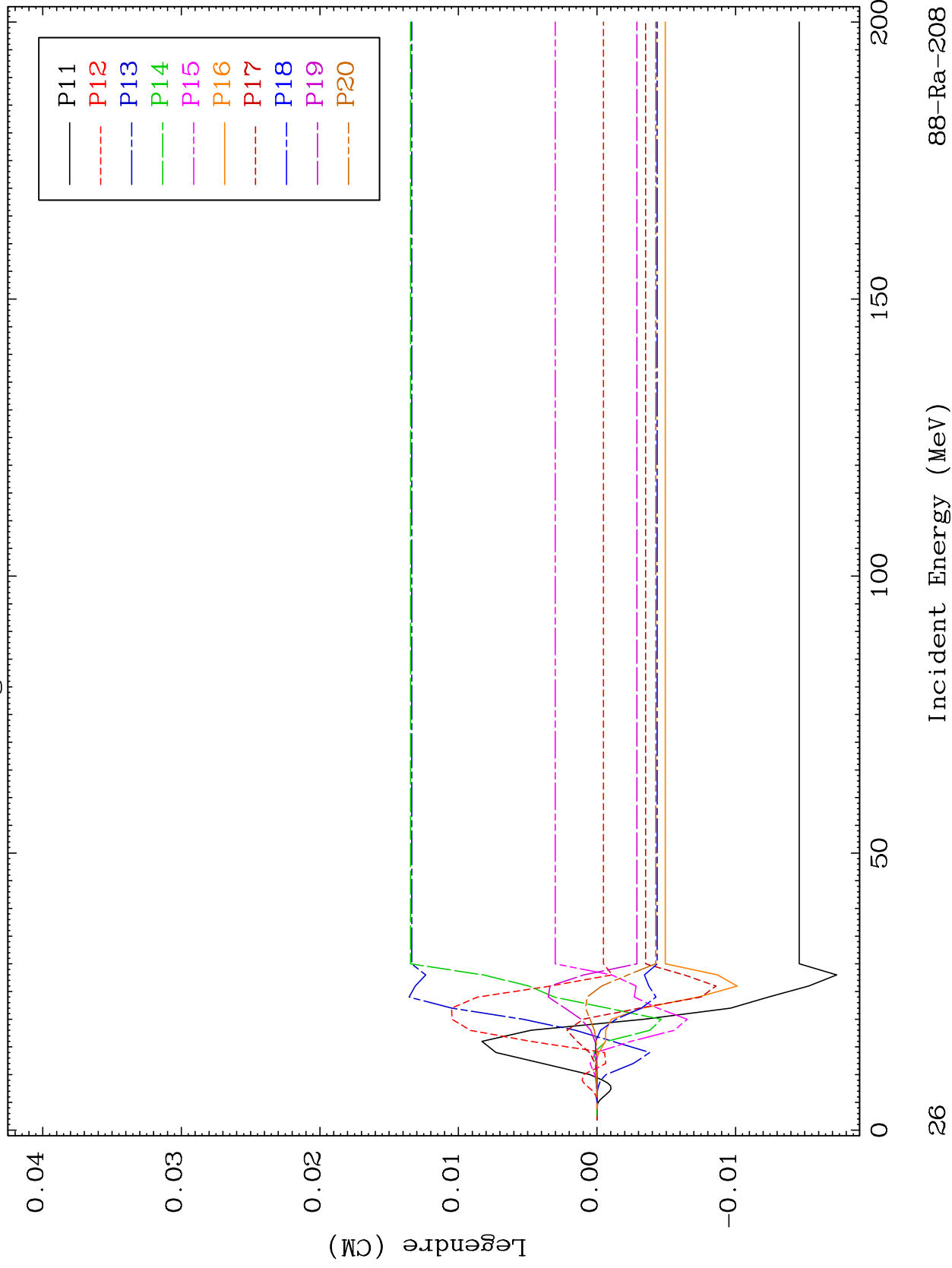
88-Ra-208



MAT 8780

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

88-Ra-208



88-Ra-208

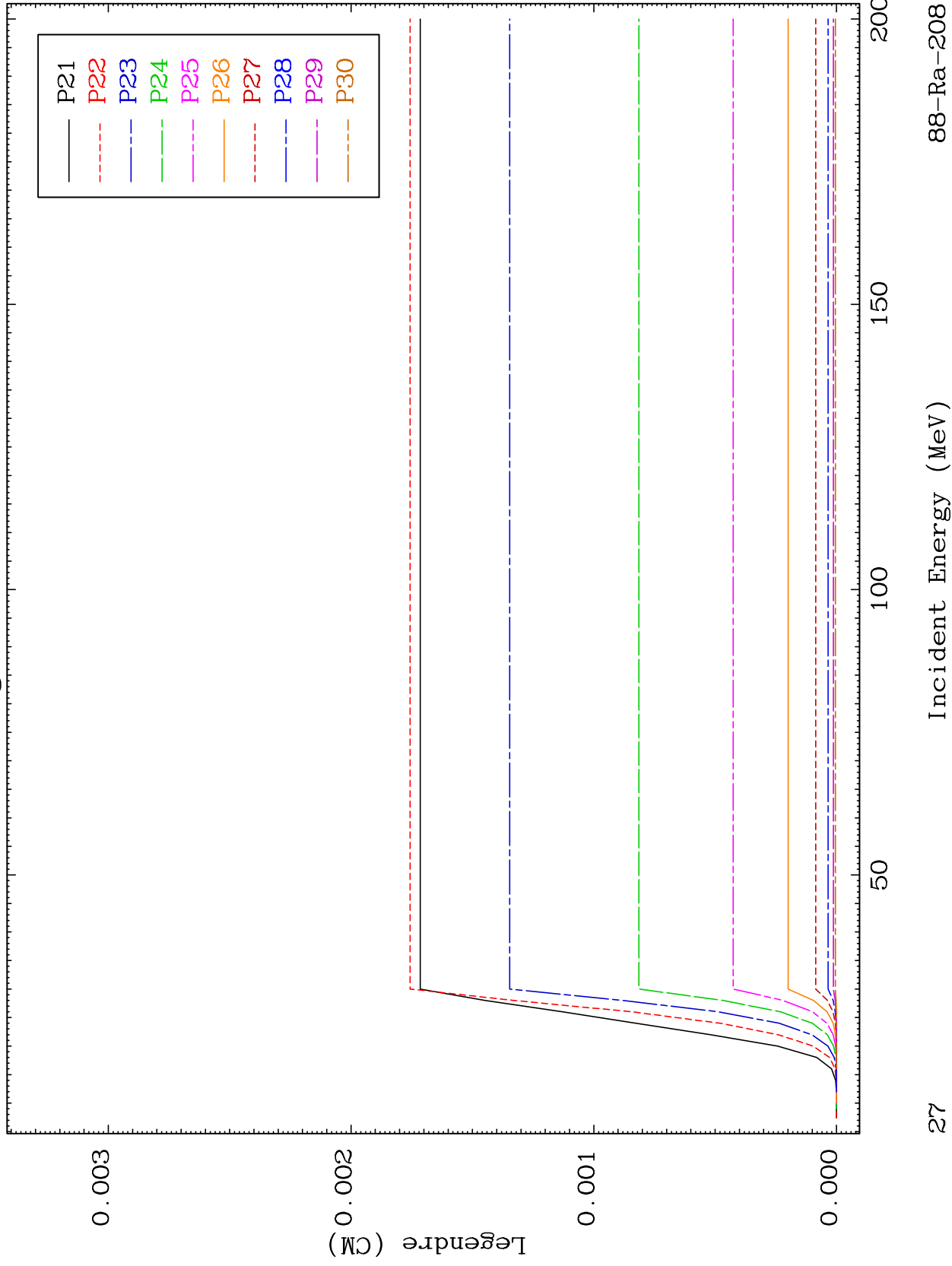
Incident Energy (MeV)

26

MAT 8780

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

88-Ra-208



27

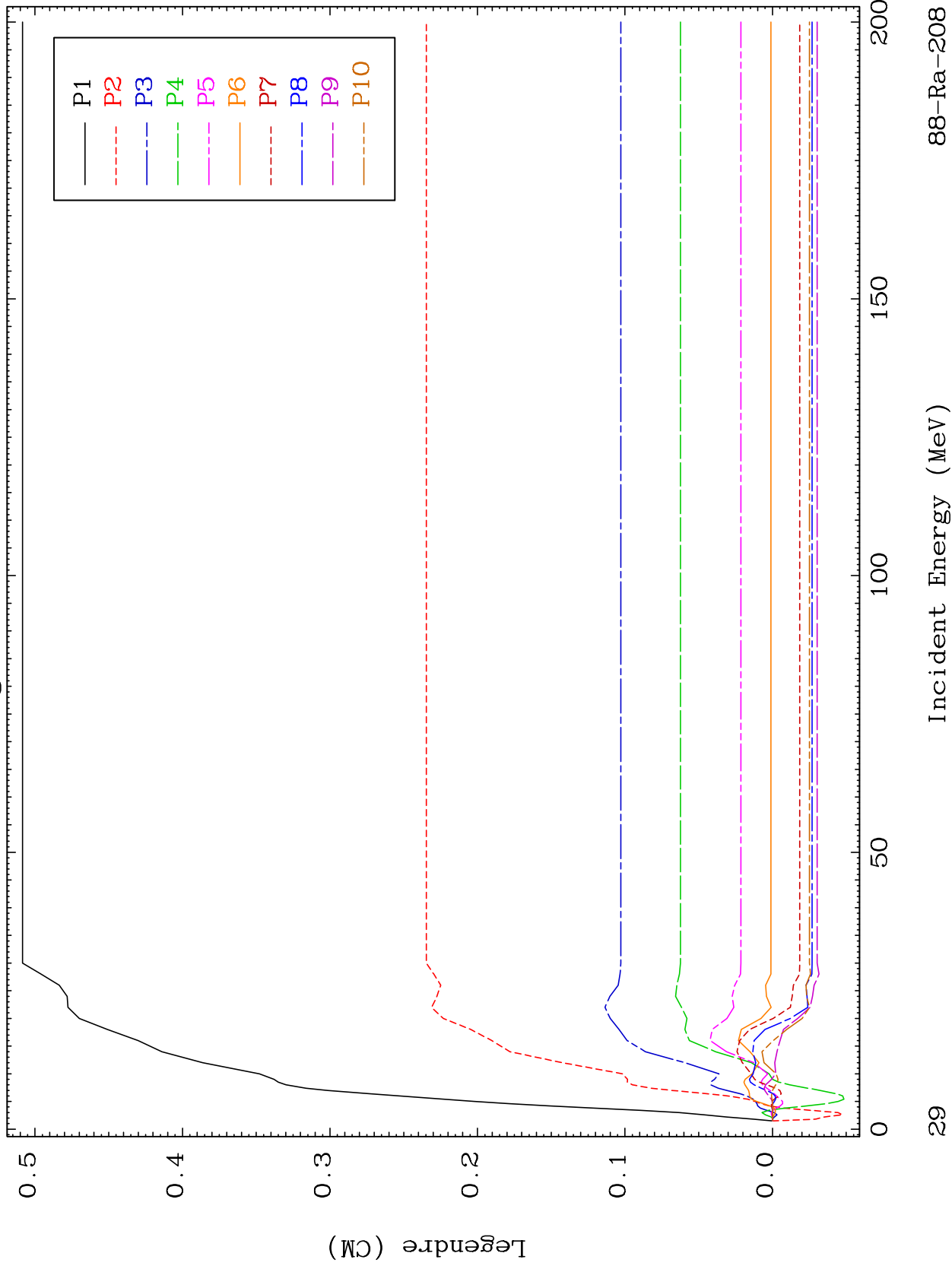
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



88-Ra-208

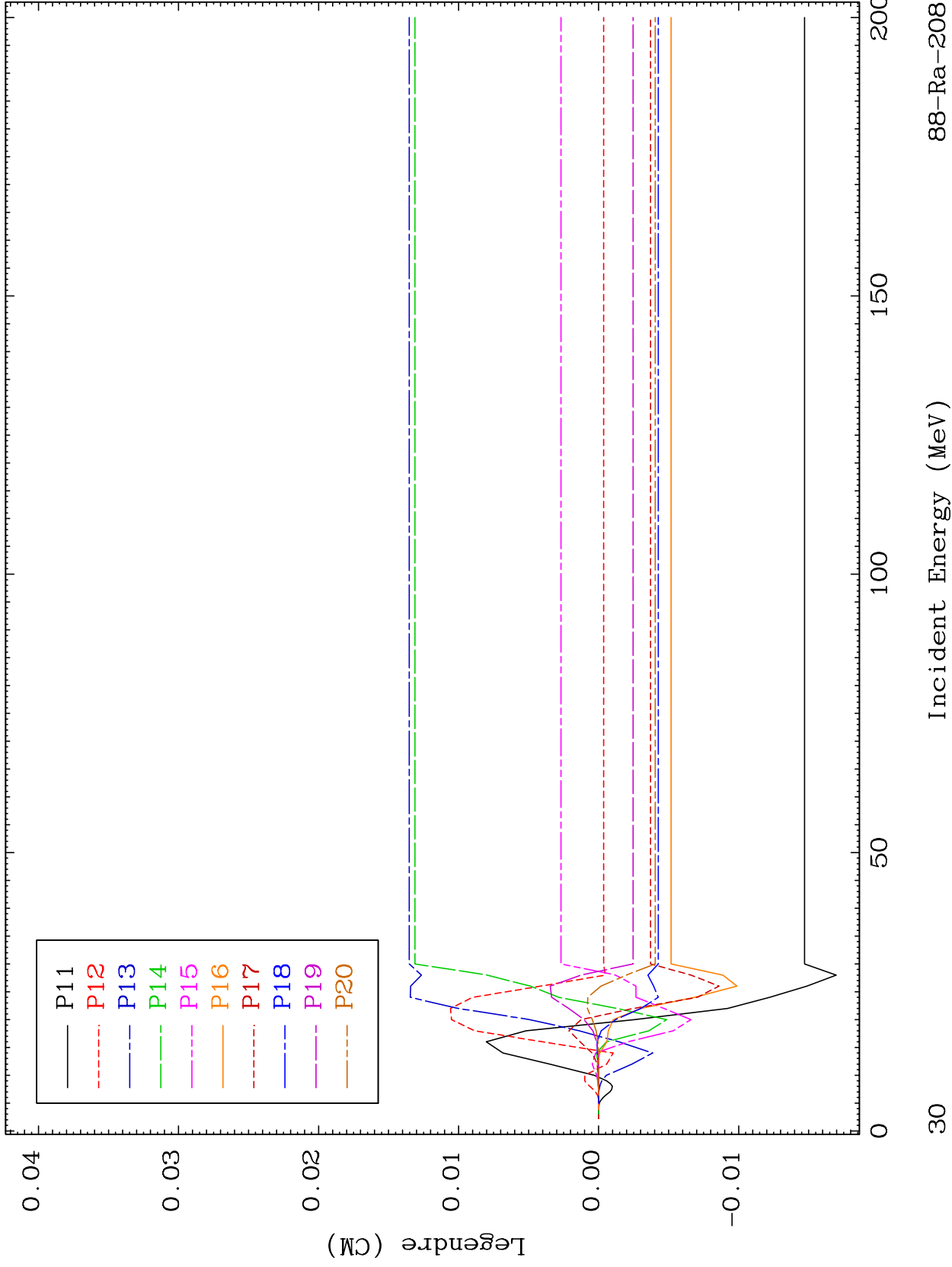
Incident Energy (MeV)

29

MAT 8780

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

88-Ra-208



88-Ra-208

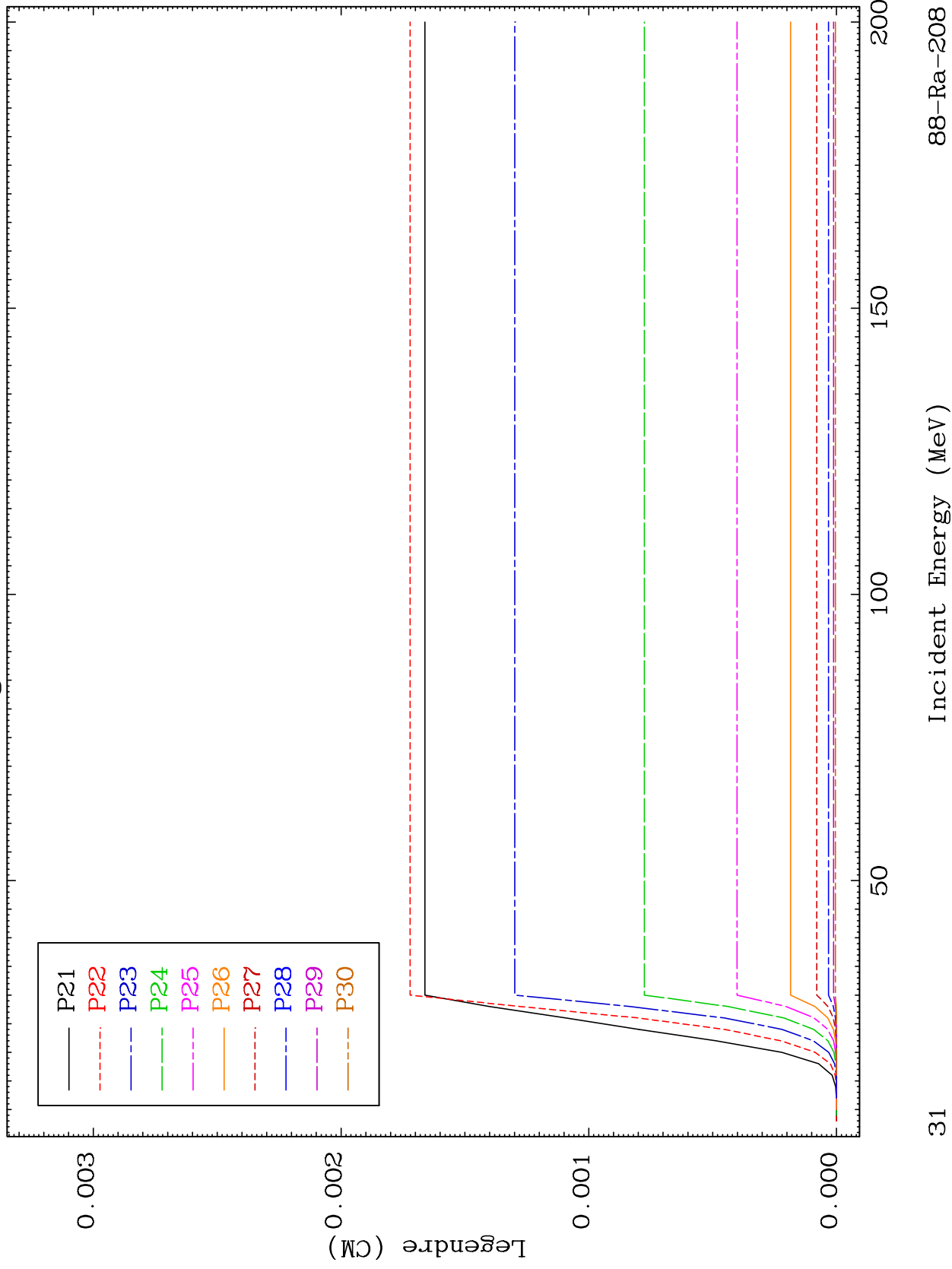
Incident Energy (MeV)

30

MAT 8780

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

88-Ra-208



31

88-Ra-208

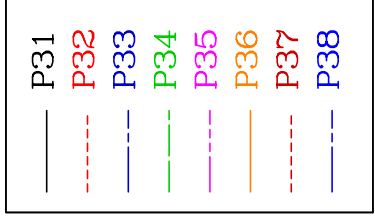
MAT 8780

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

88-Ra-208

$\times 10^{-6}$
1.5

Legendre (CM)



200

150

100

50

32

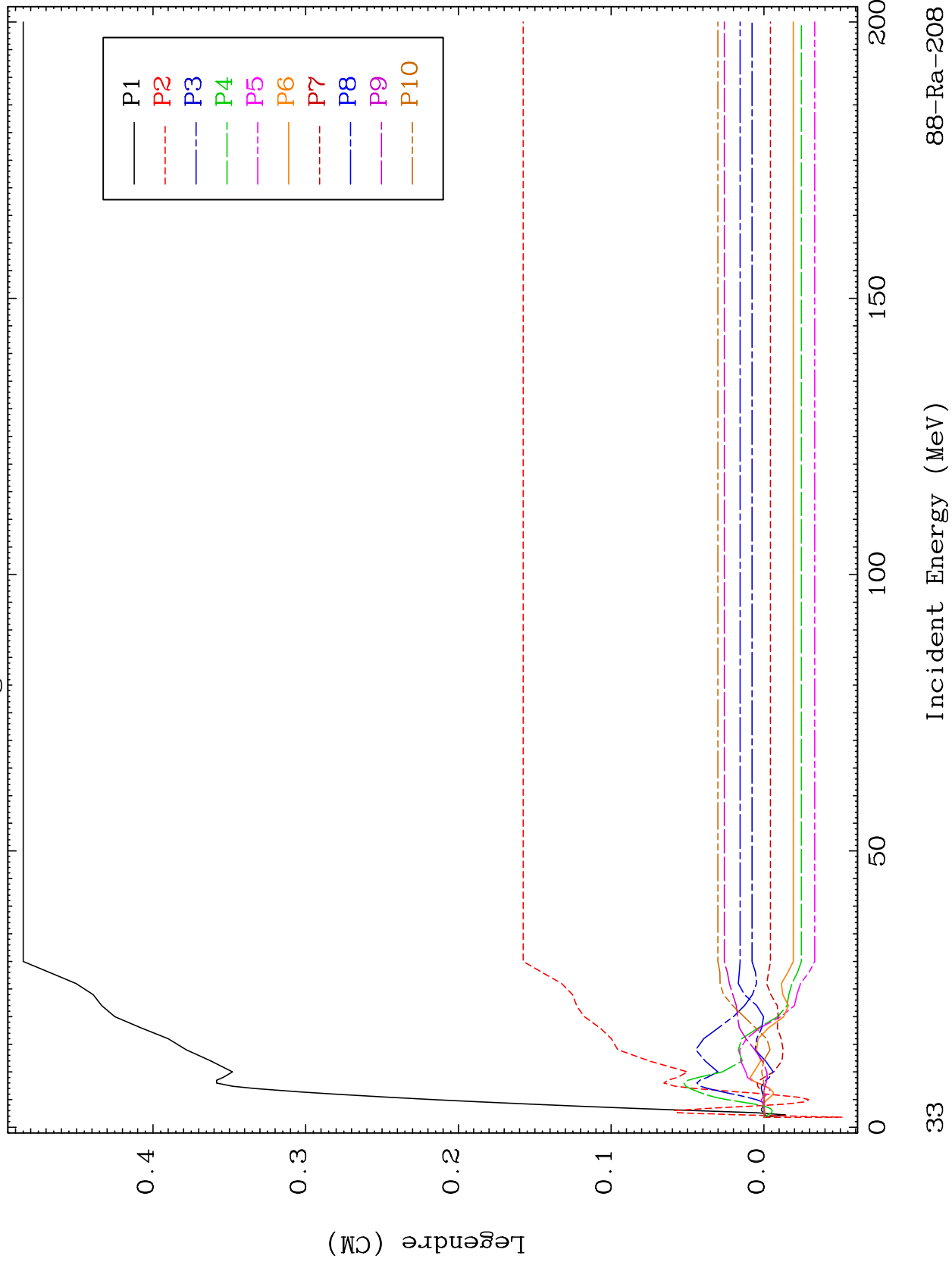
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208

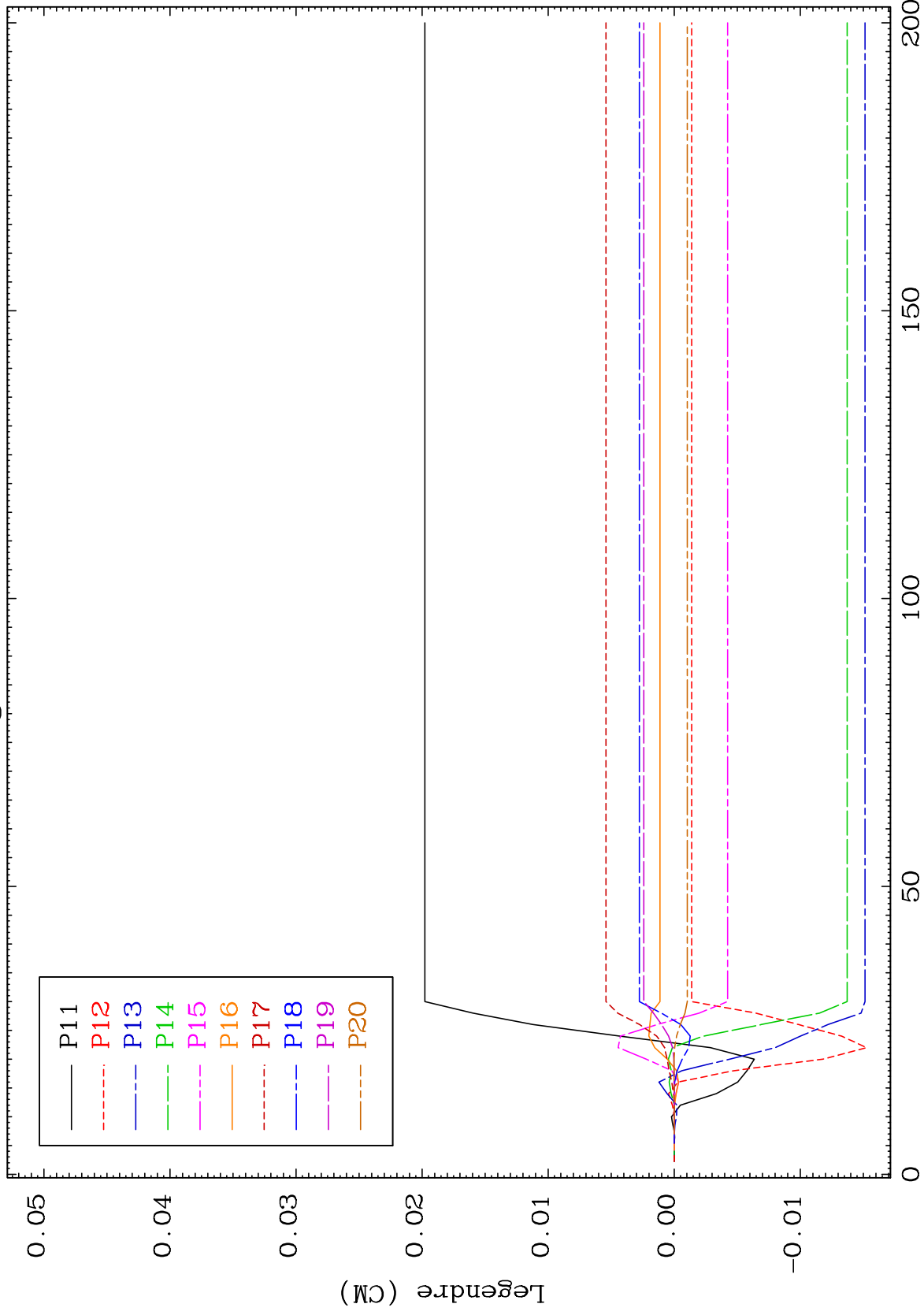


33

MAT 8780

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

88-Ra-208



34

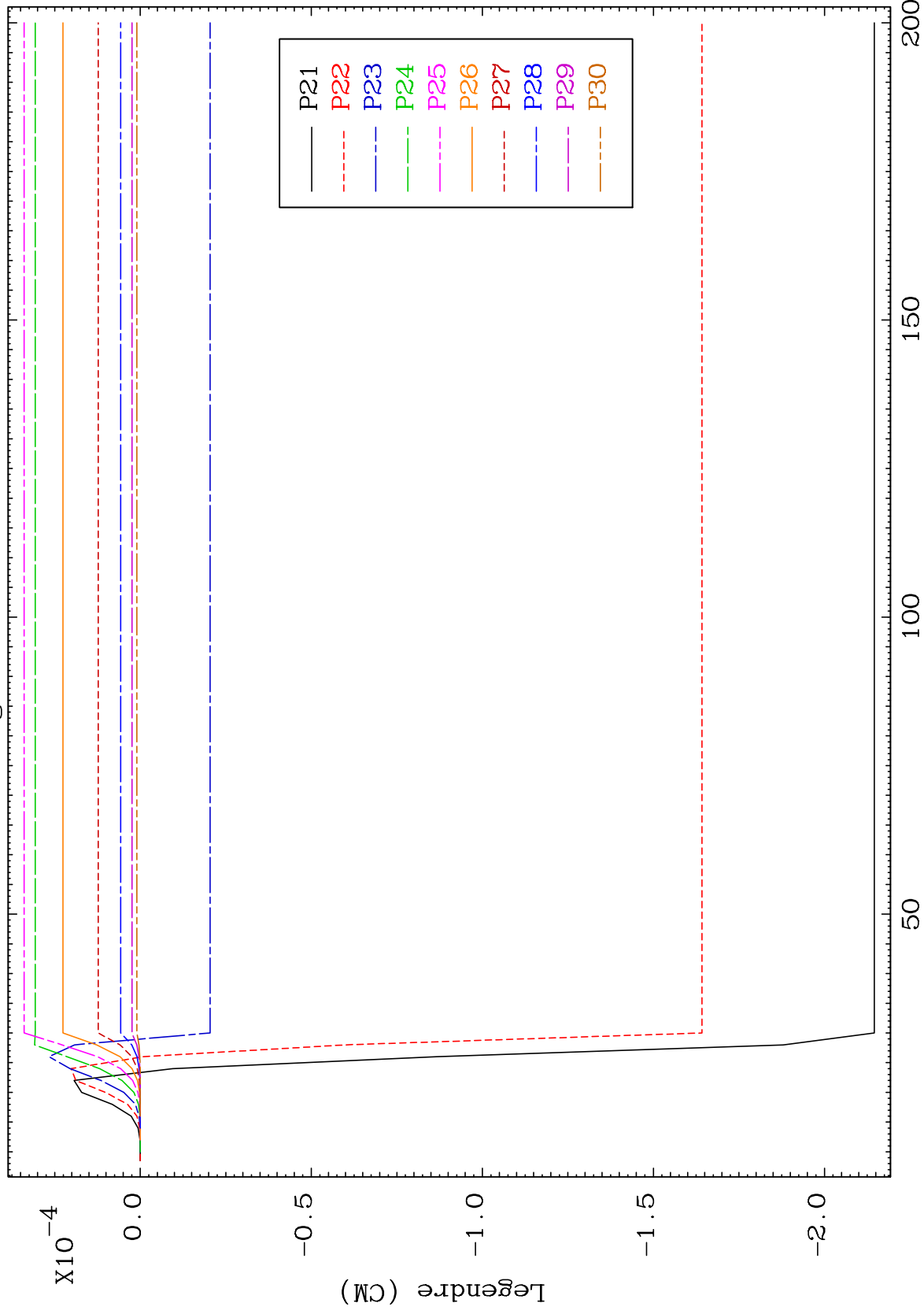
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



35

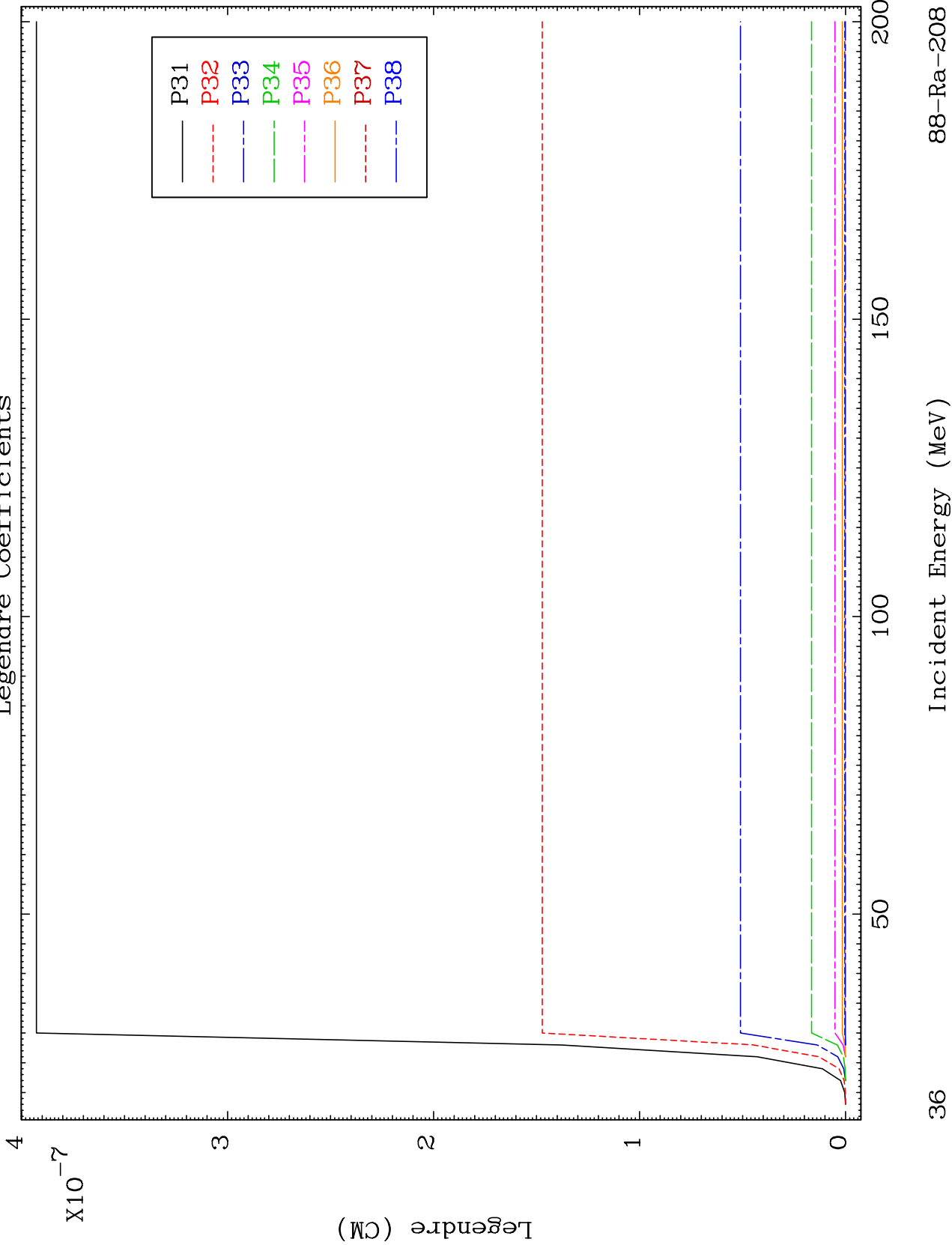
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

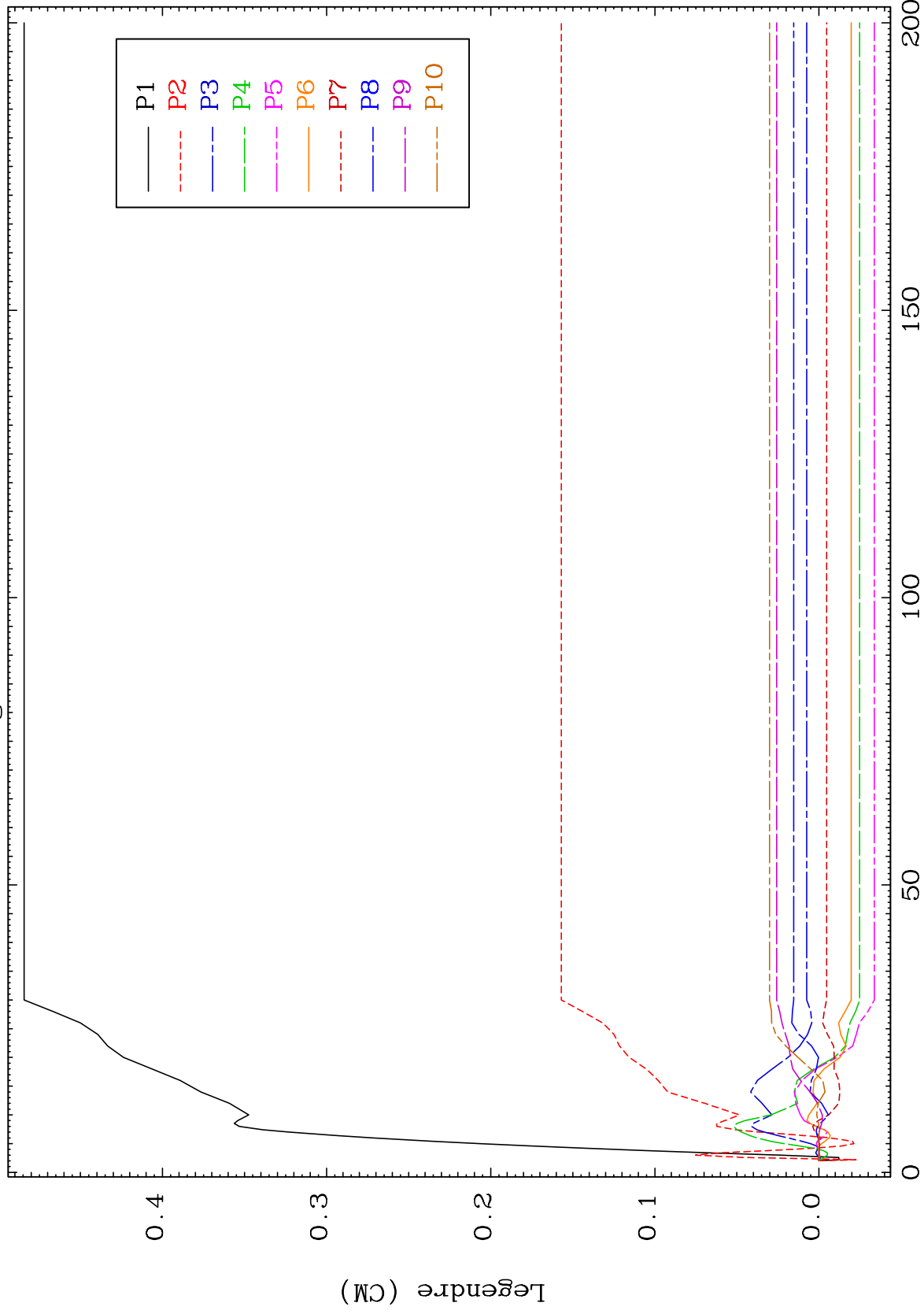
88-Ra-208



MAT 8780

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

88-Ra-208



37

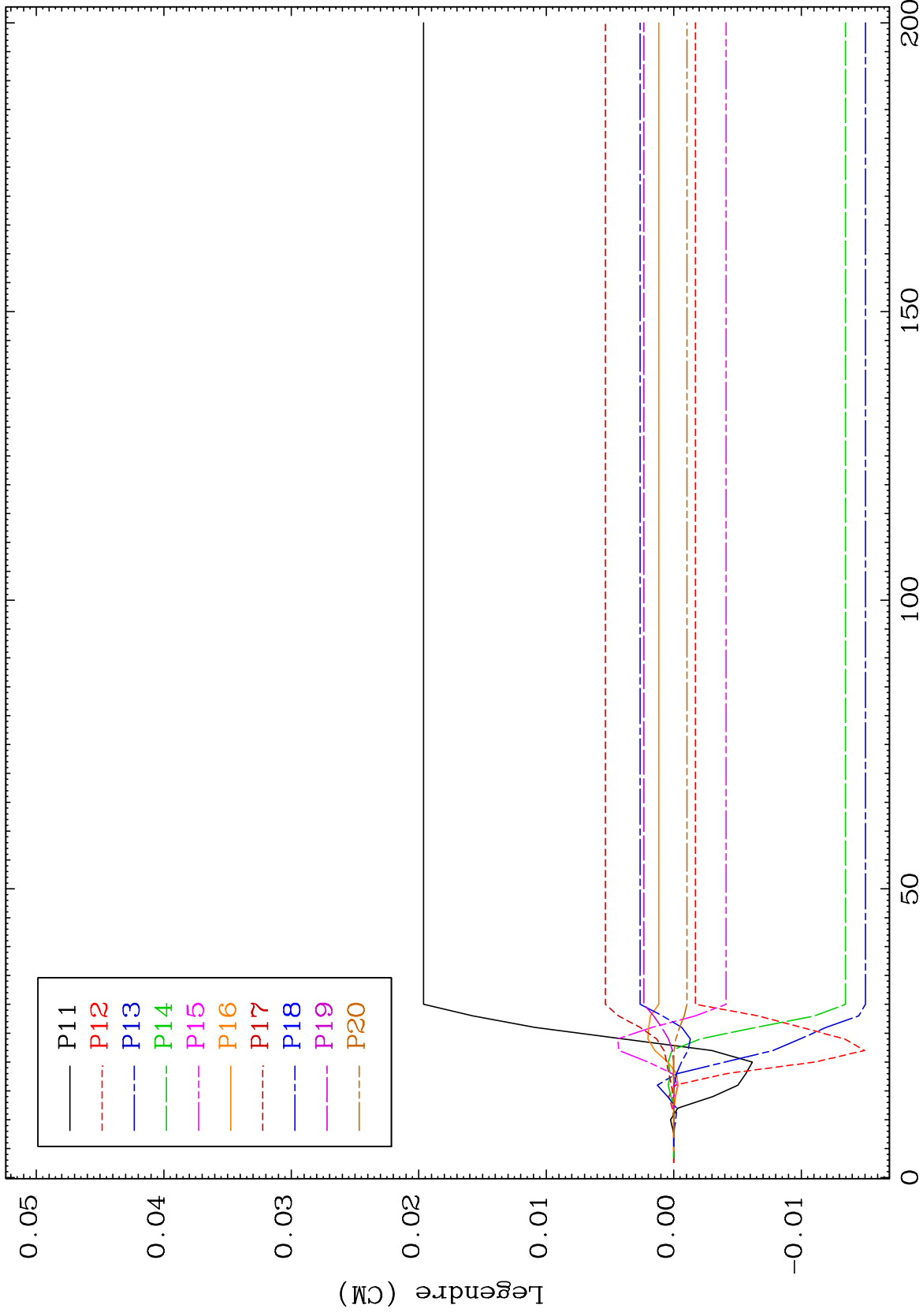
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



38

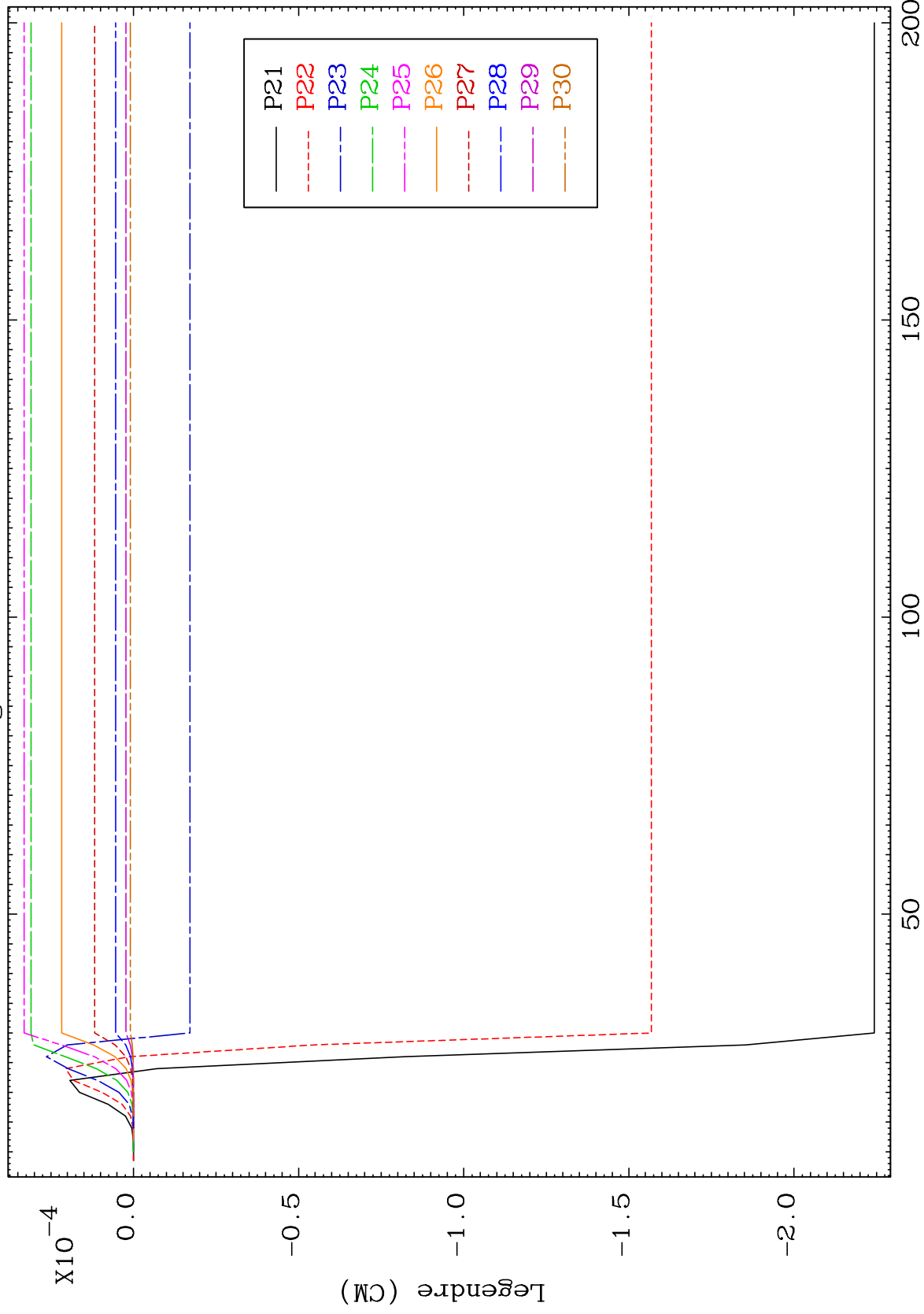
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



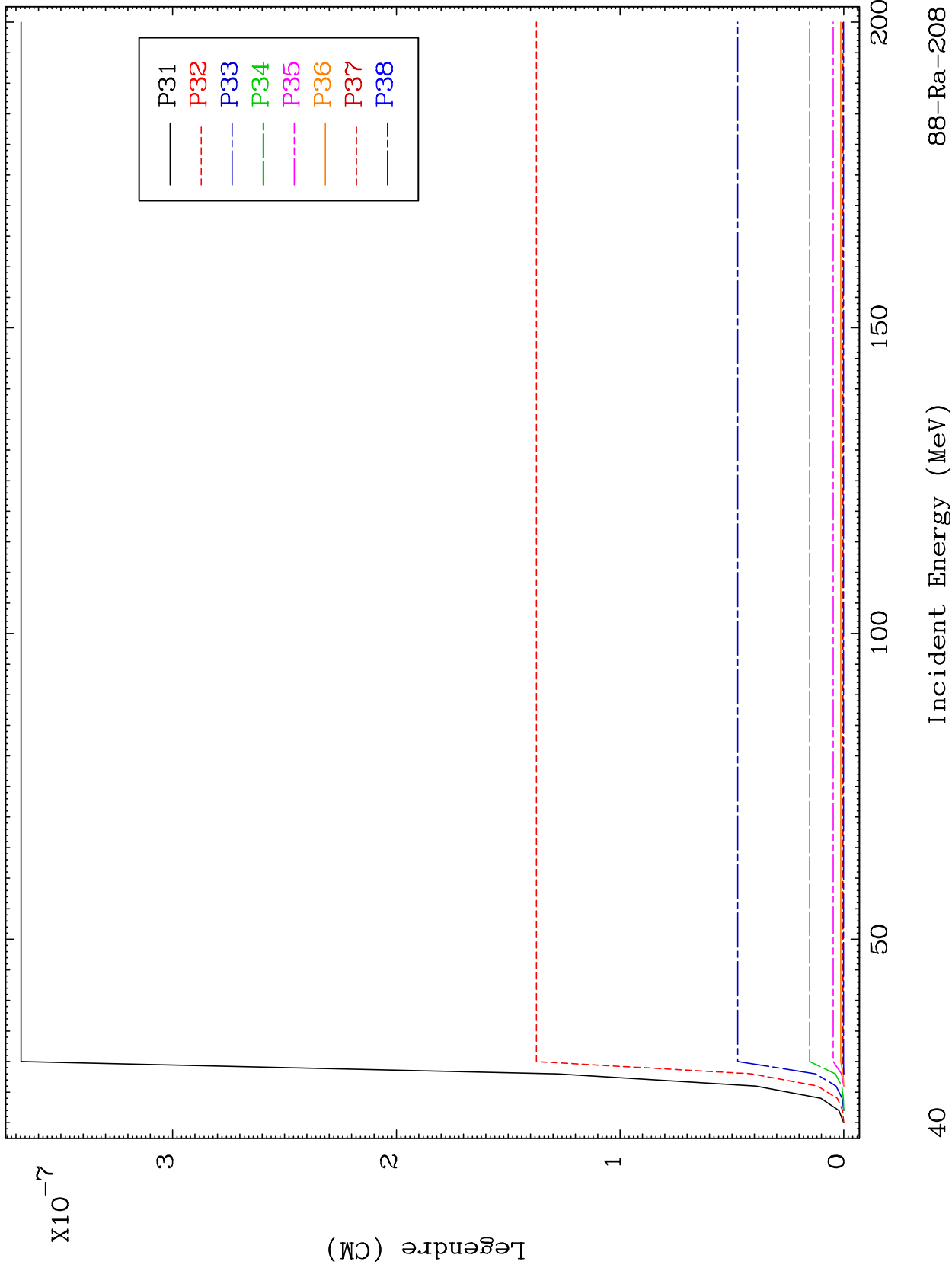
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88-Ra-208

MAT 8780

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

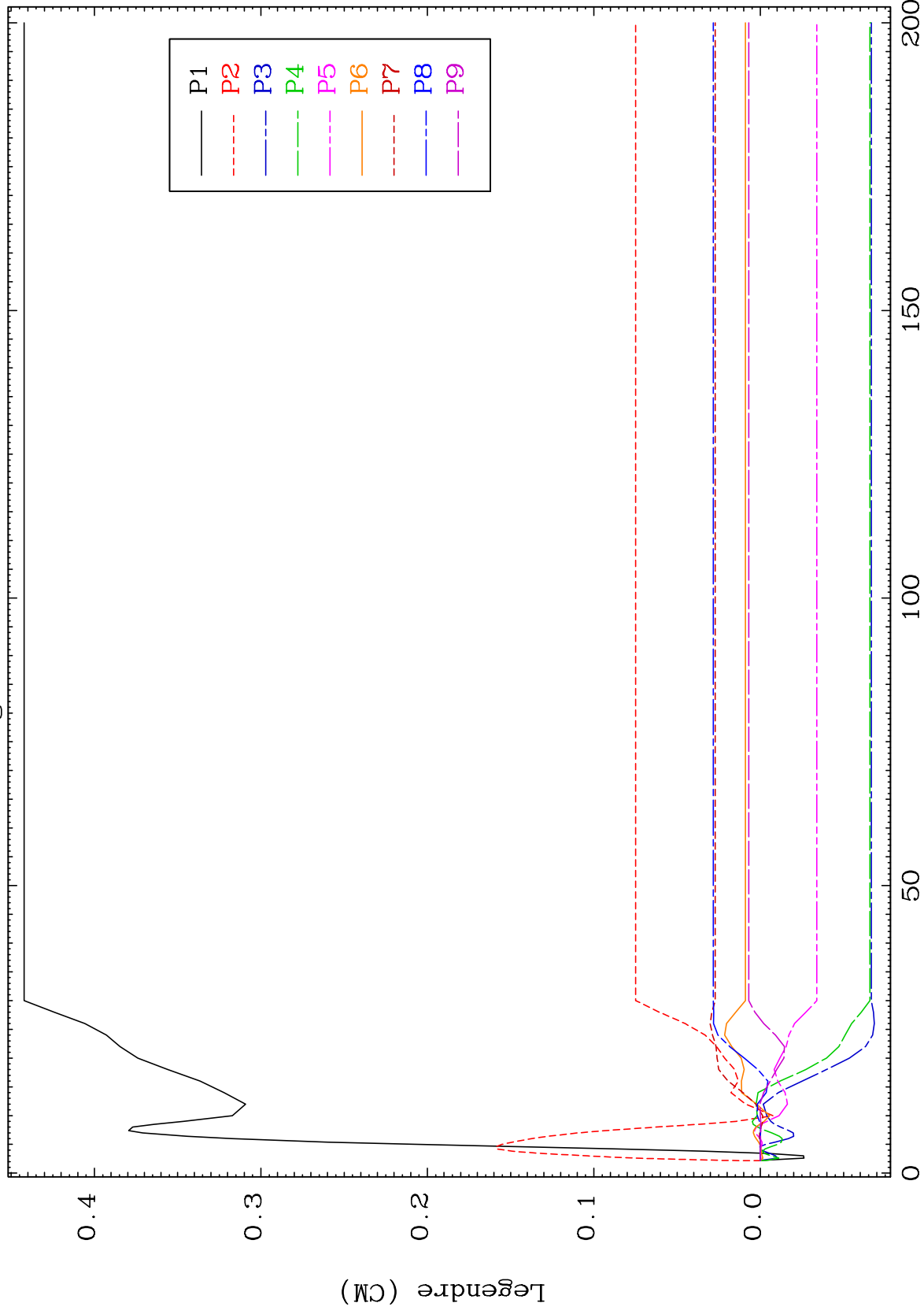
88-Ra-208



MAT 8780

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

88-Ra-208



41

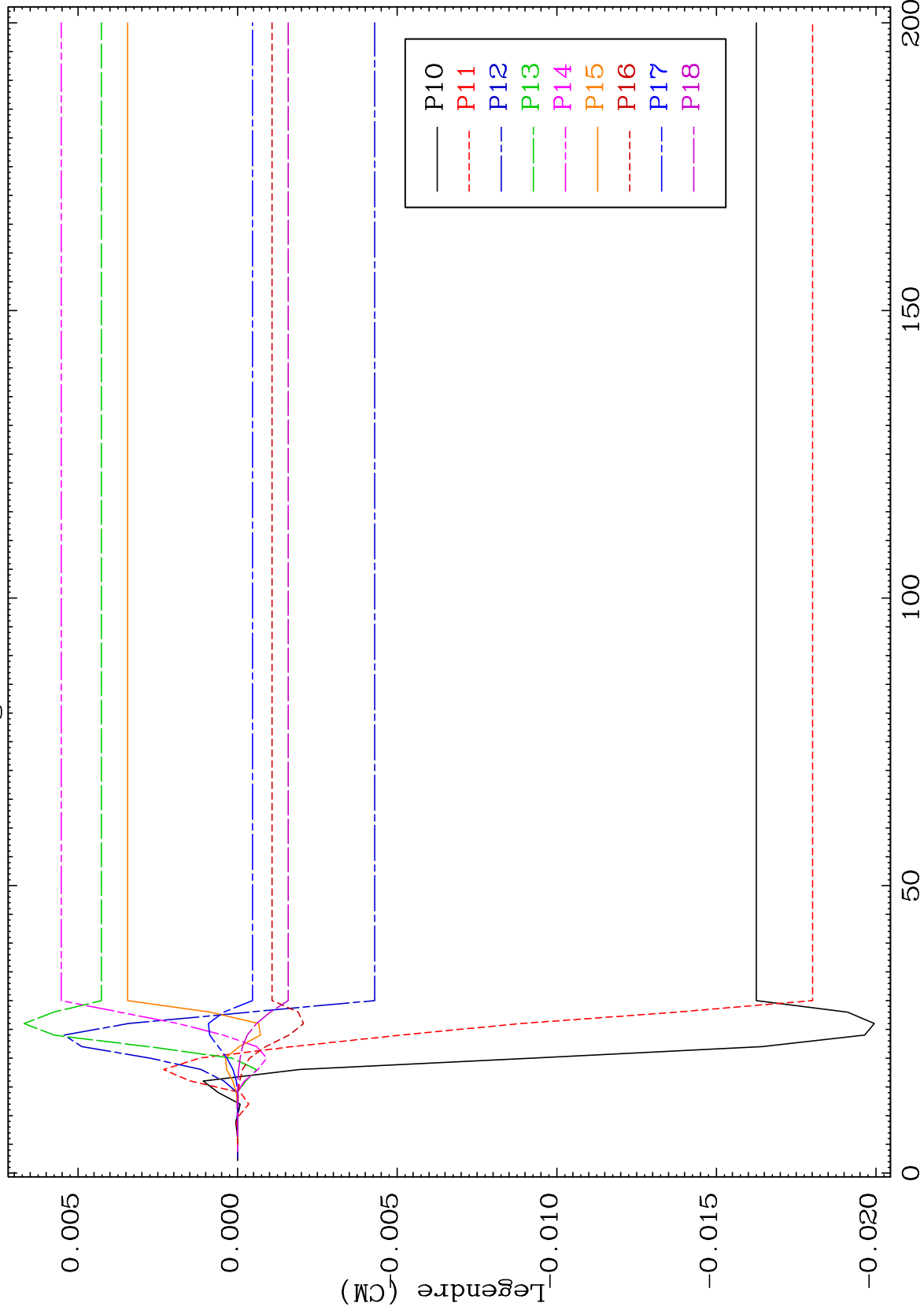
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



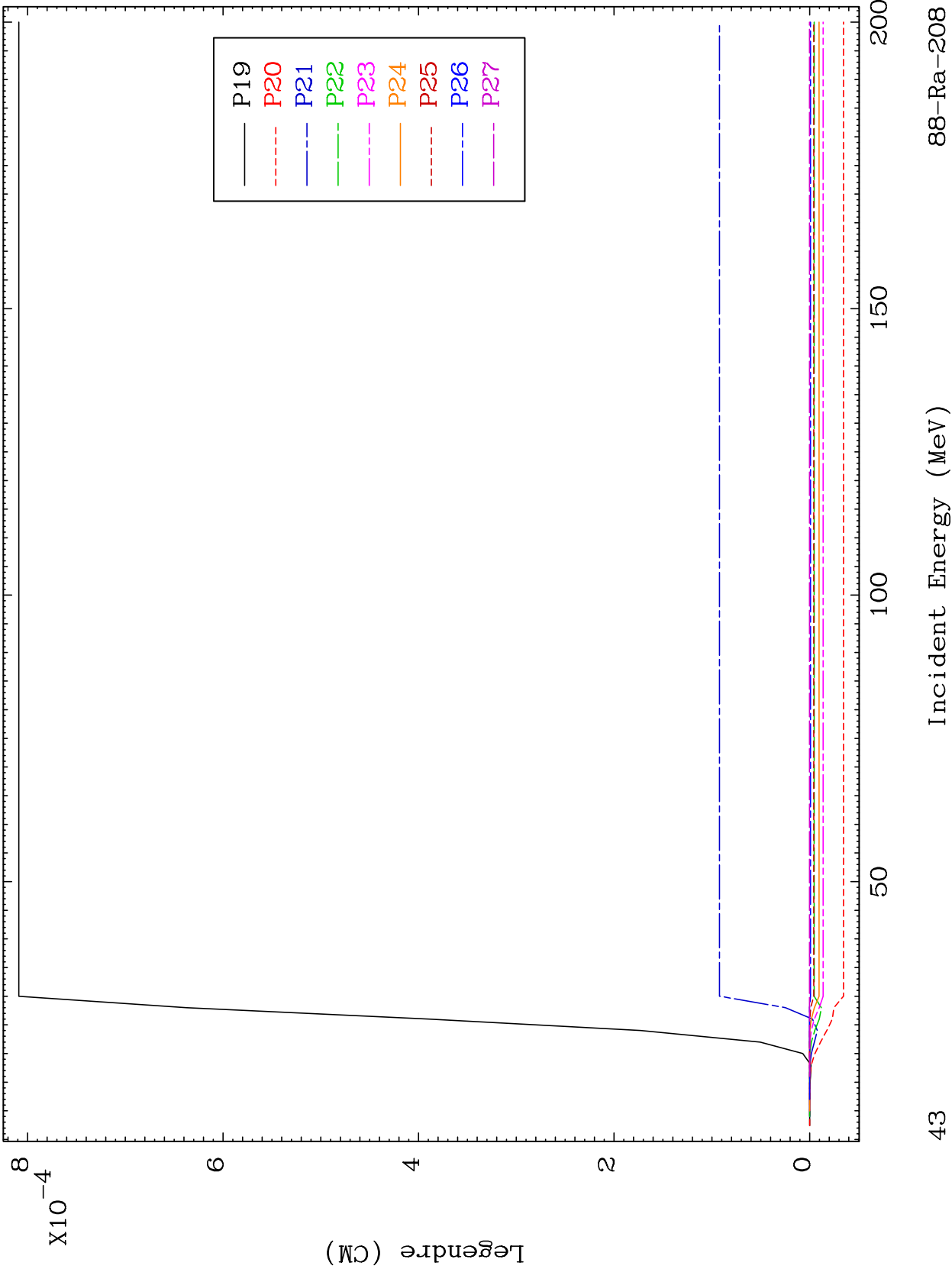
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88-Ra-208

MAT 8780

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

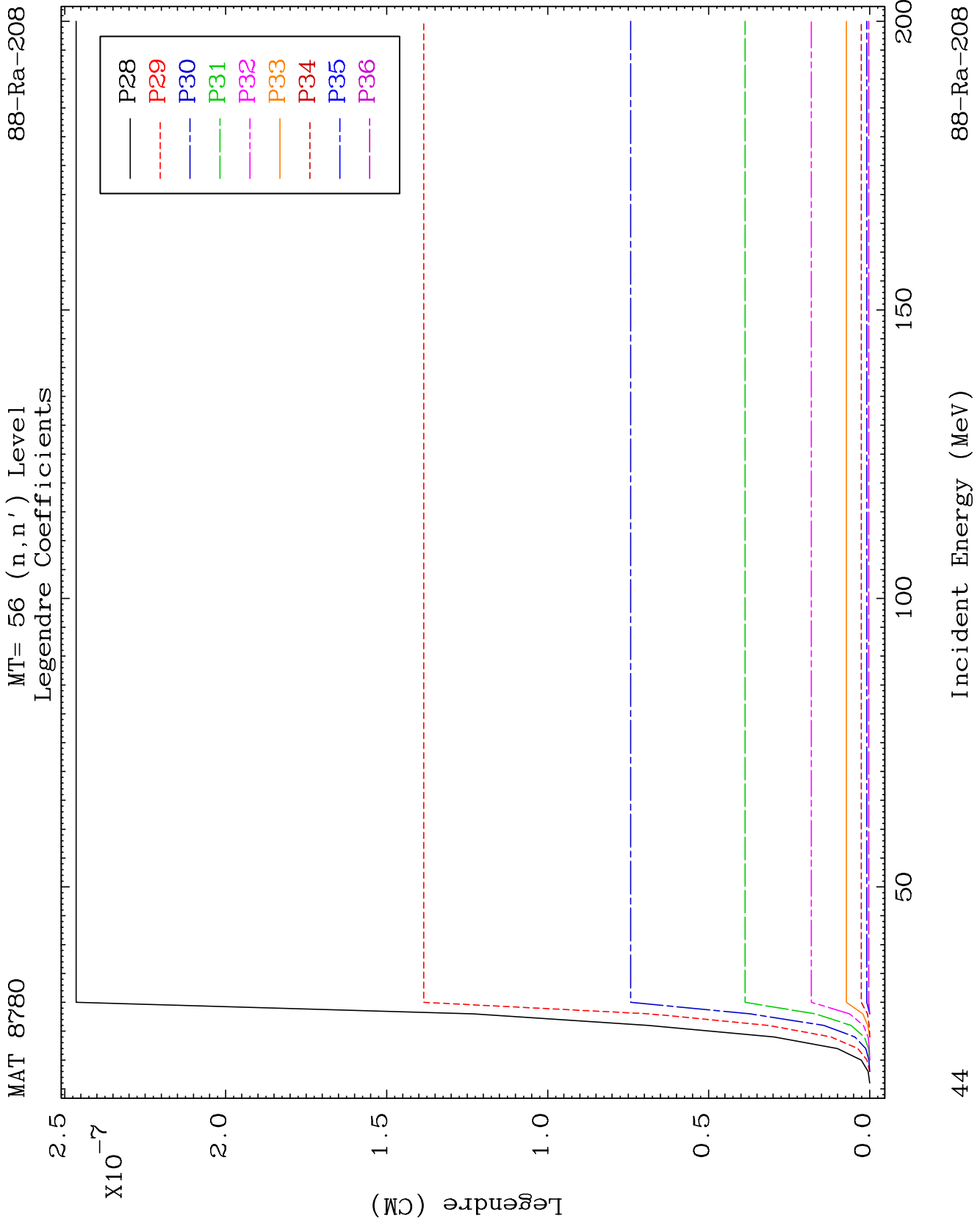
88-Ra-208



43

Incident Energy (MeV)

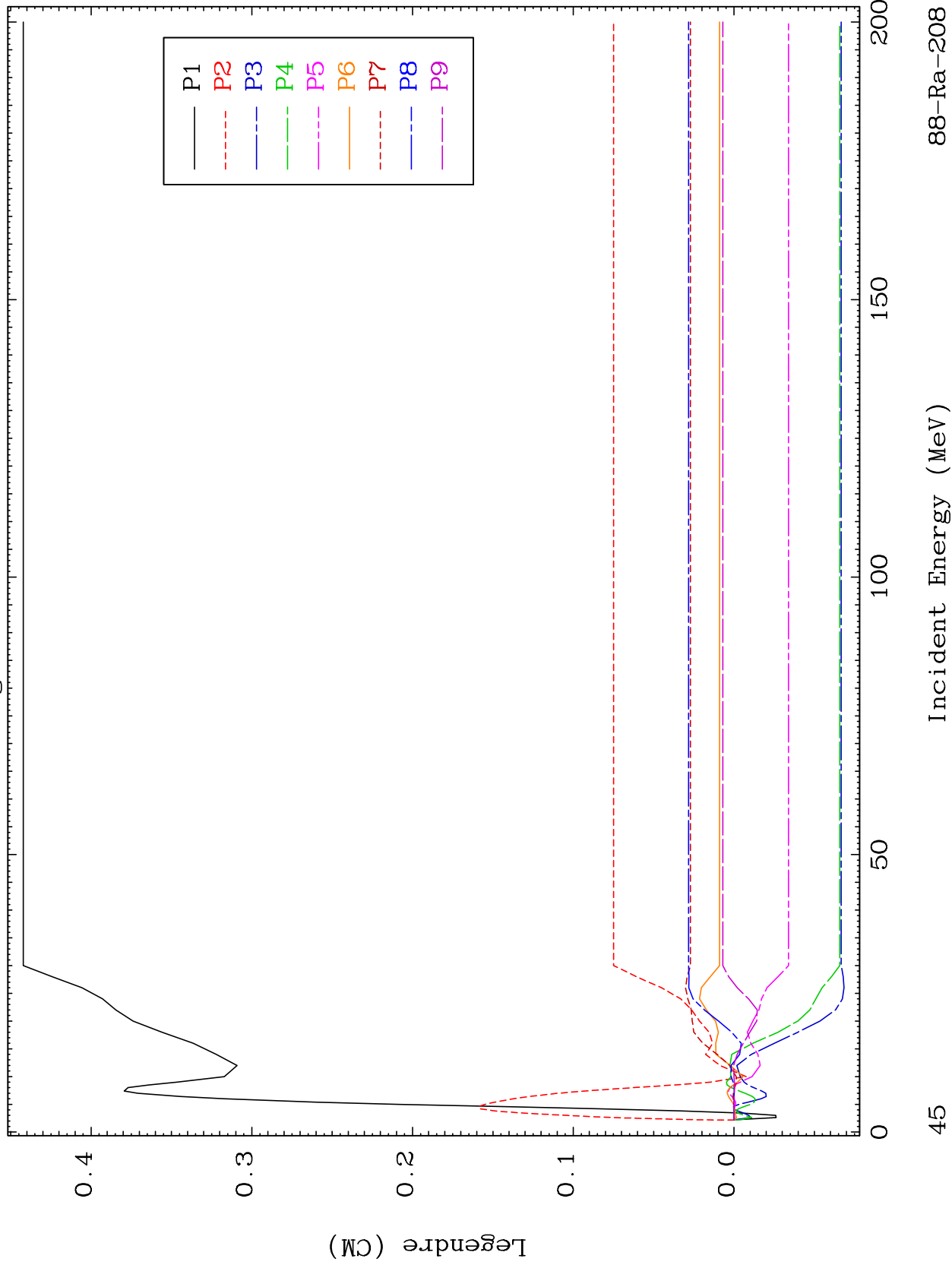
88-Ra-208



MAT 8780

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

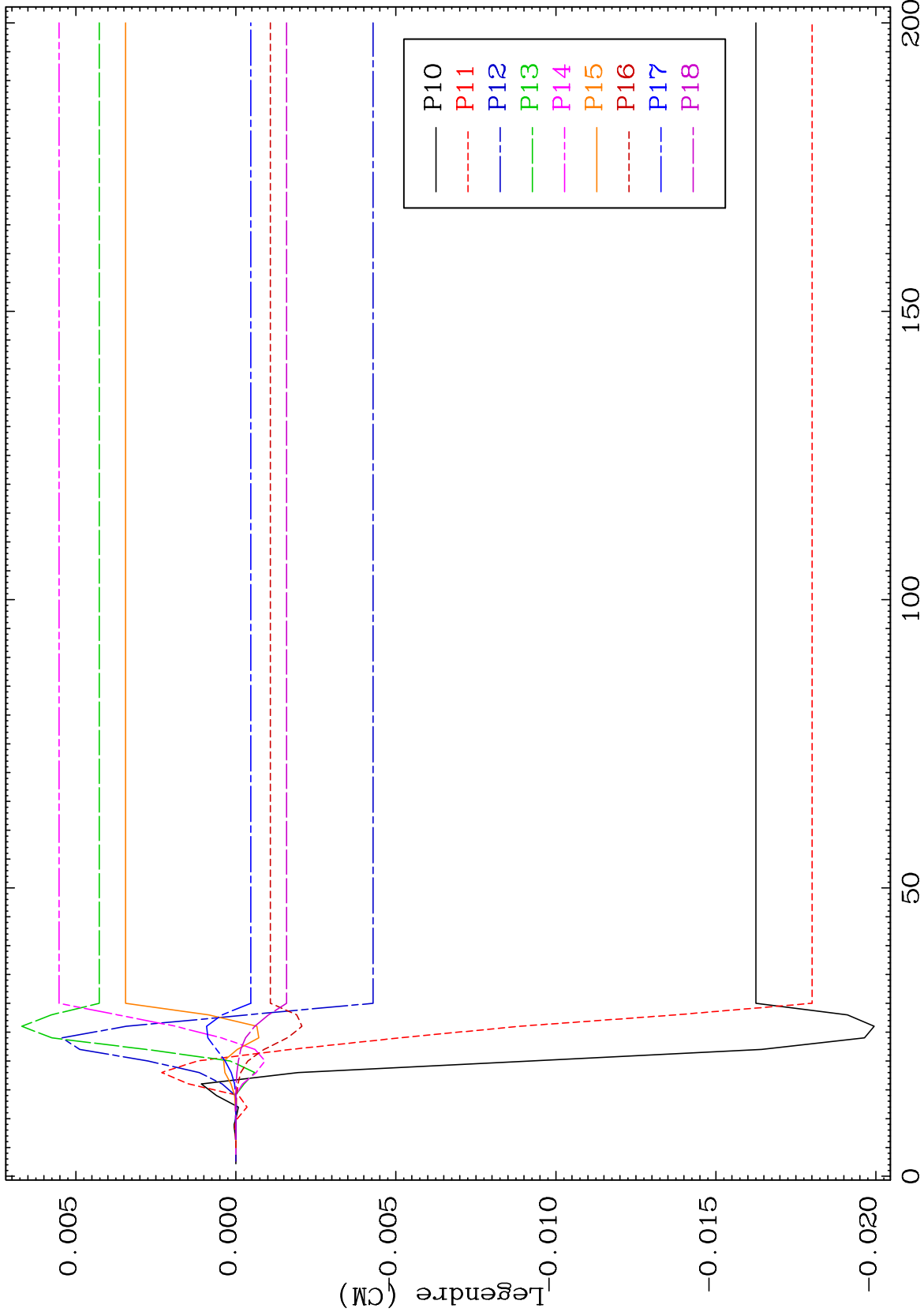
88-Ra-208



MAT 8780

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

88-Ra-208



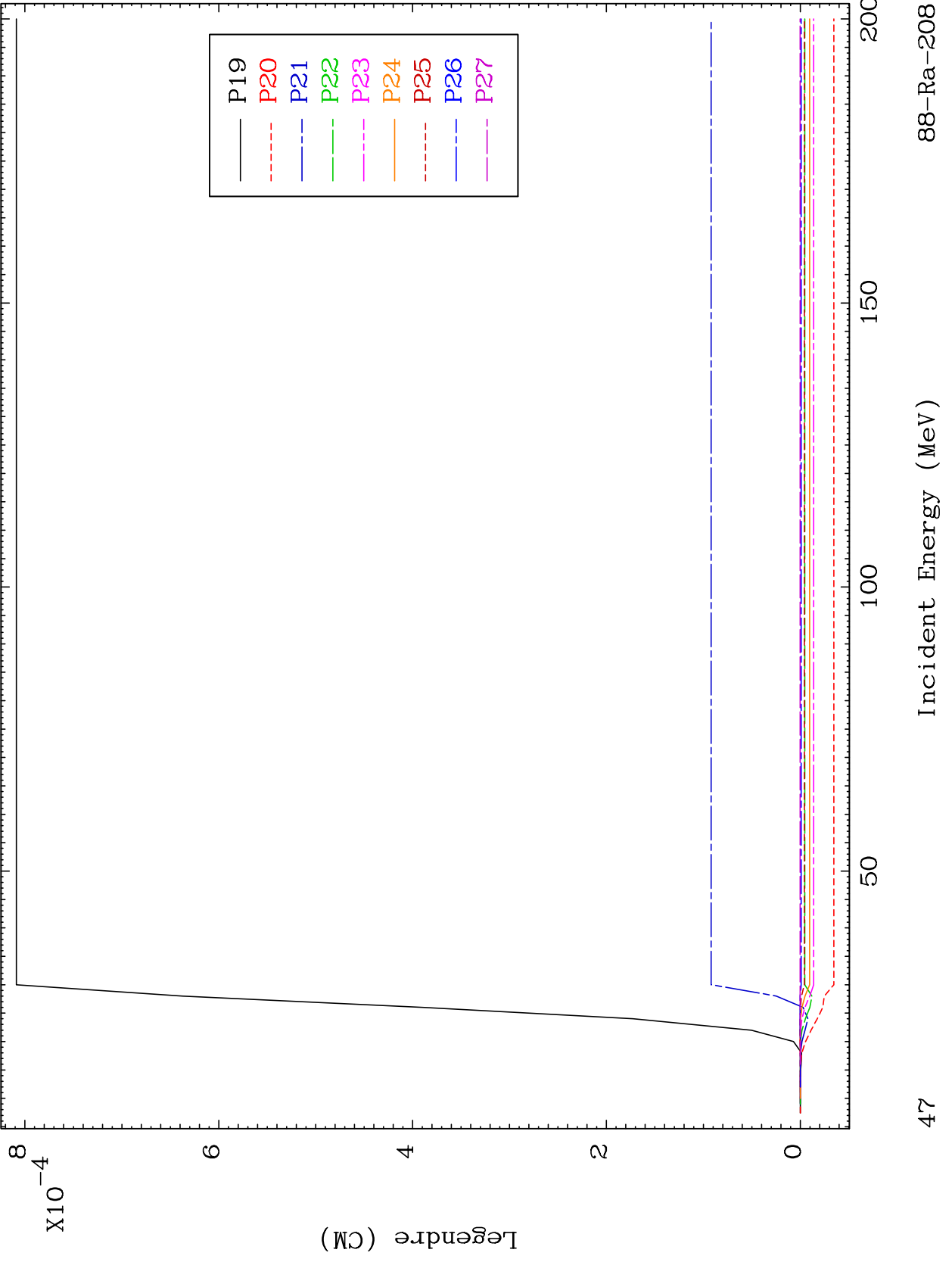
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88-Ra-208

MAT 8780

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

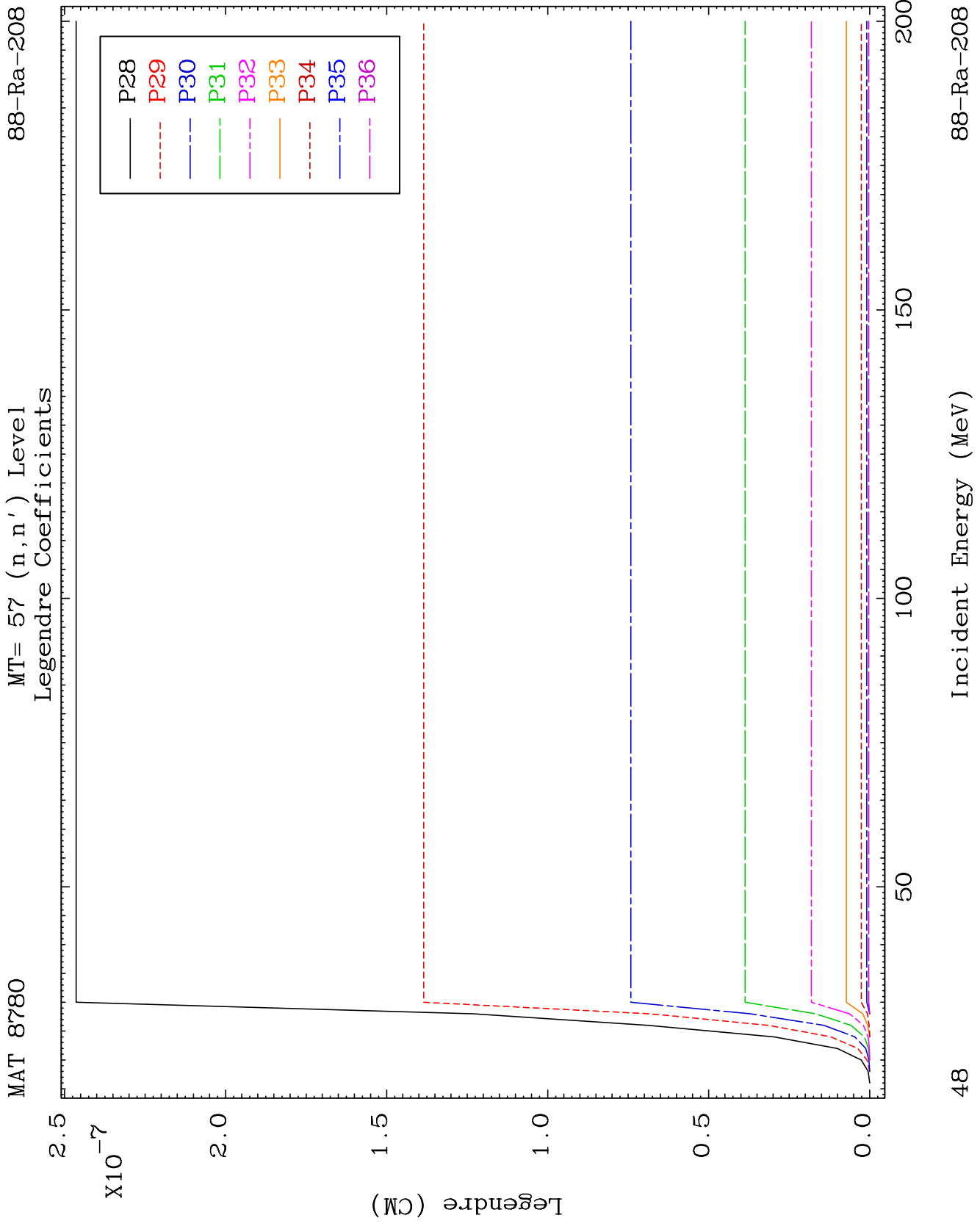
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47

Incident Energy (MeV)

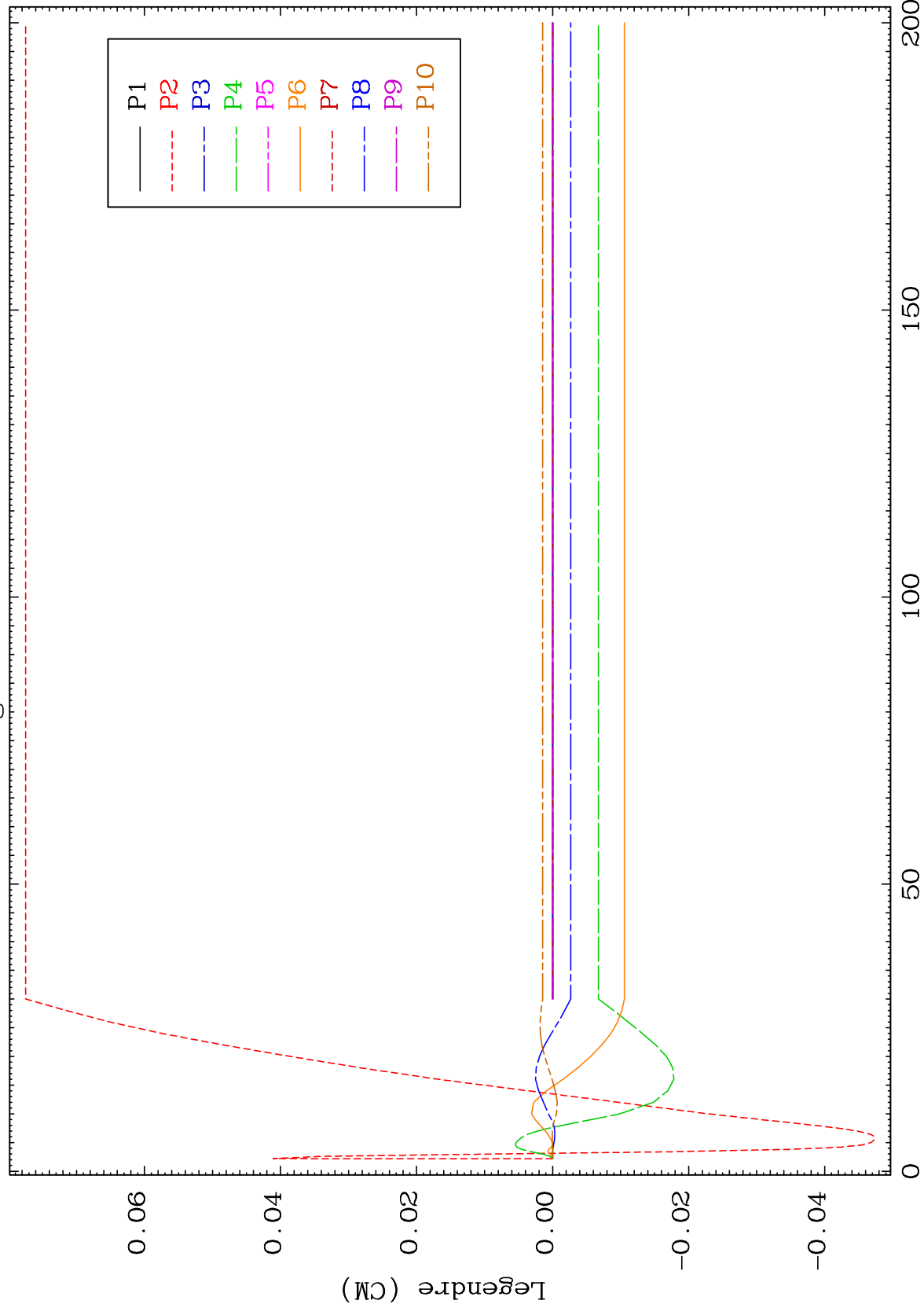
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MAT 8780

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

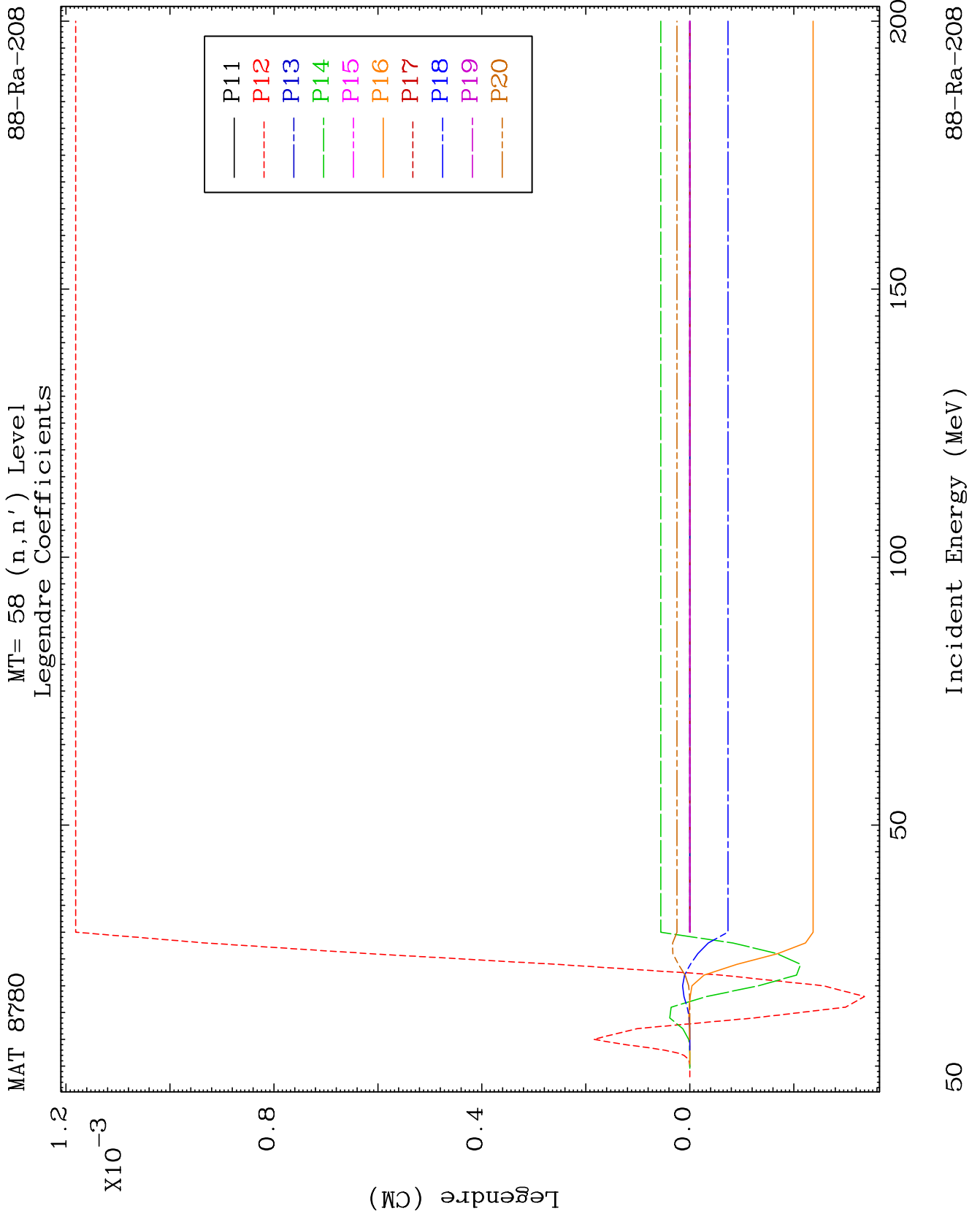
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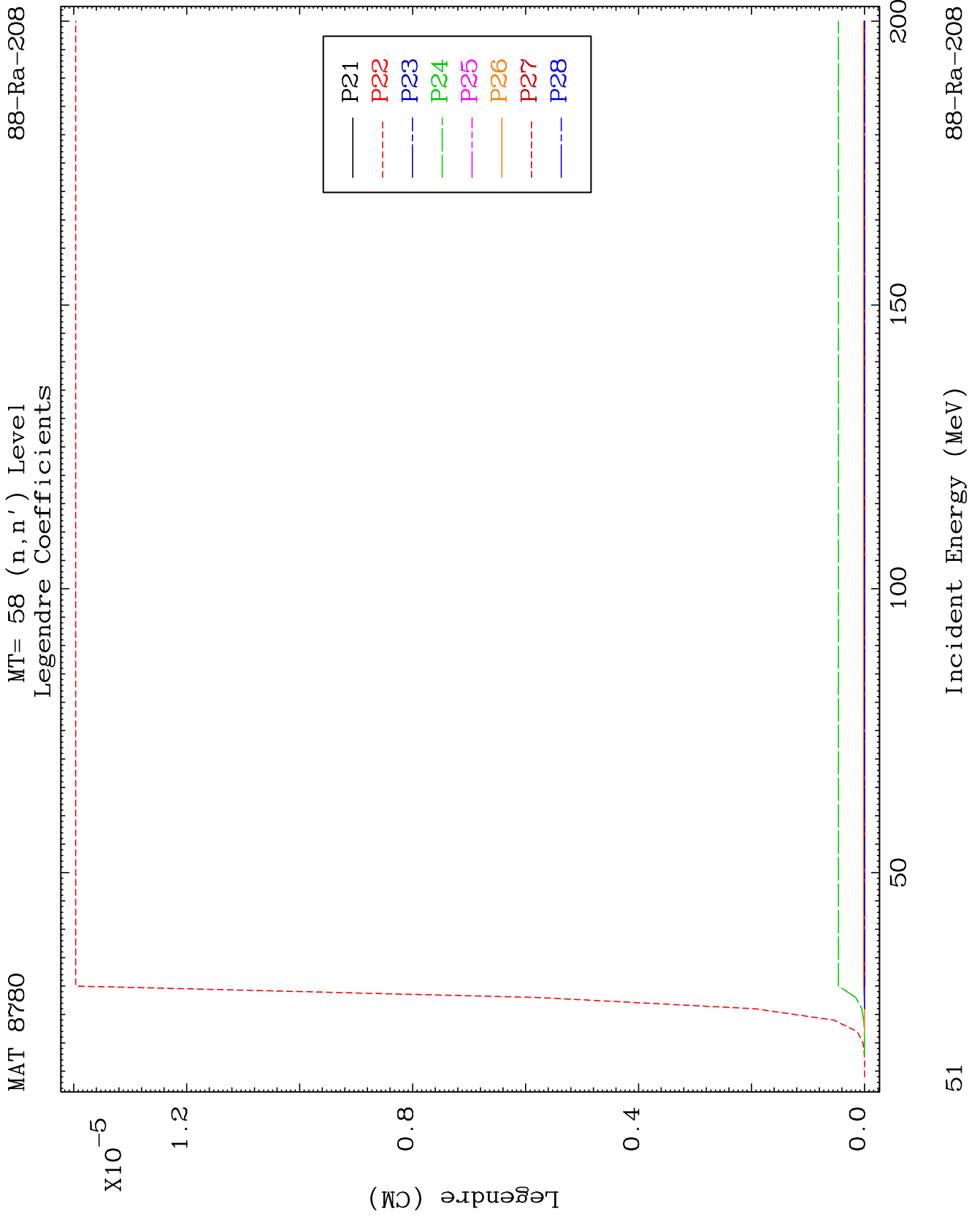


49

Incident Energy (MeV)

88-Ra-208

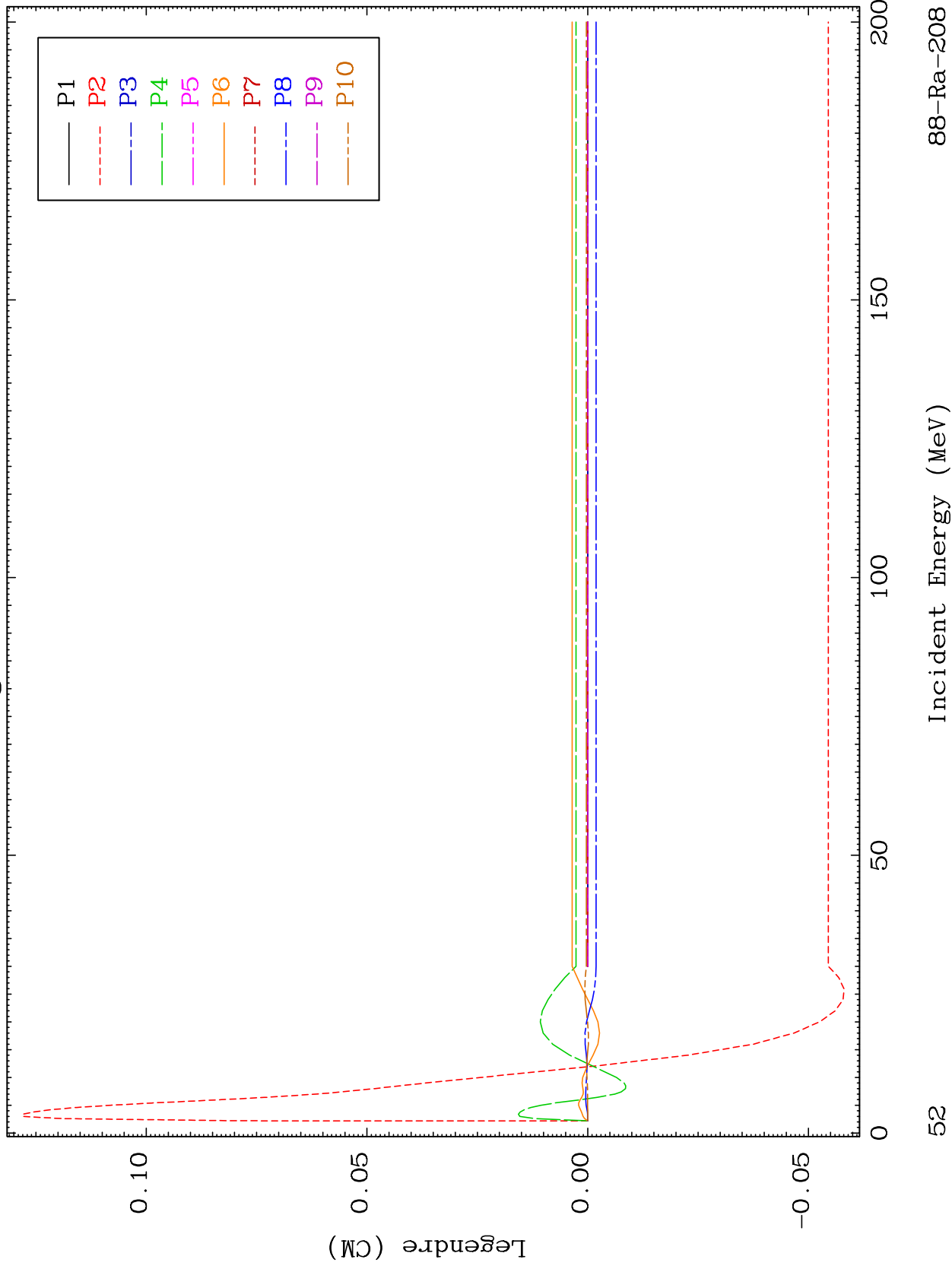




MAT 8780

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

88-Ra-208



88-Ra-208

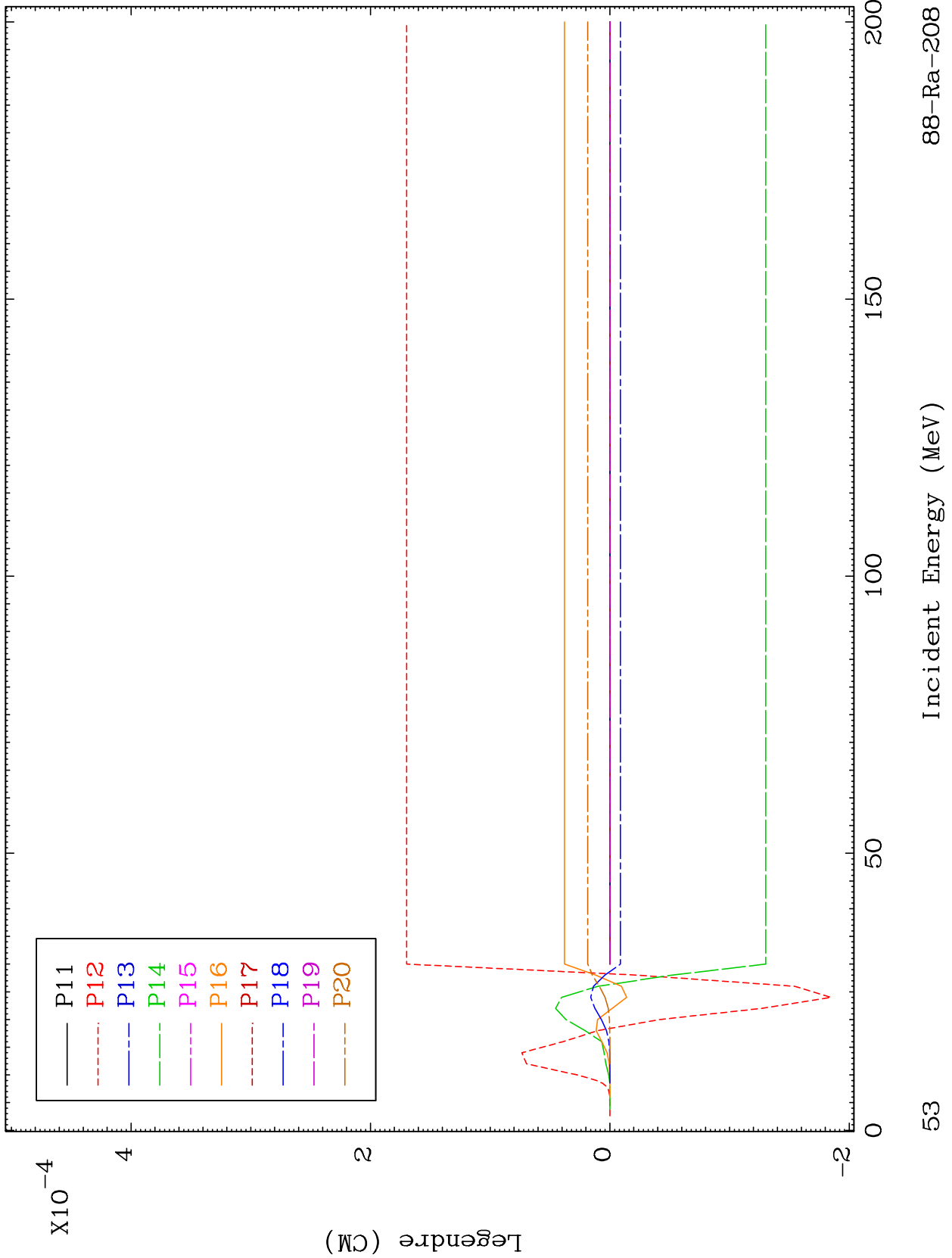
Incident Energy (MeV)

52

MAT 8780

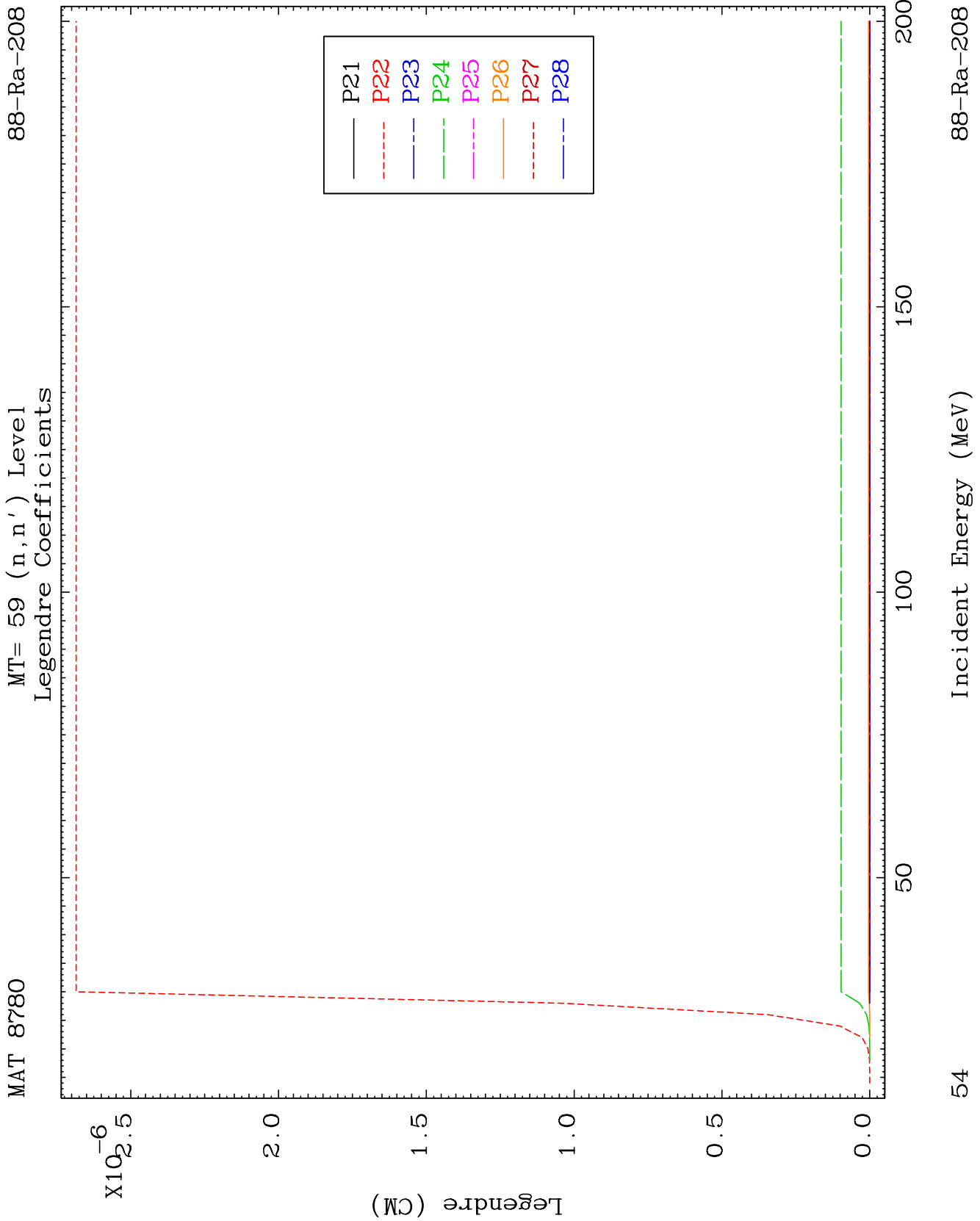
MT= 59 (n,n') Level
Legendre Coefficients

88-Ra-208



53

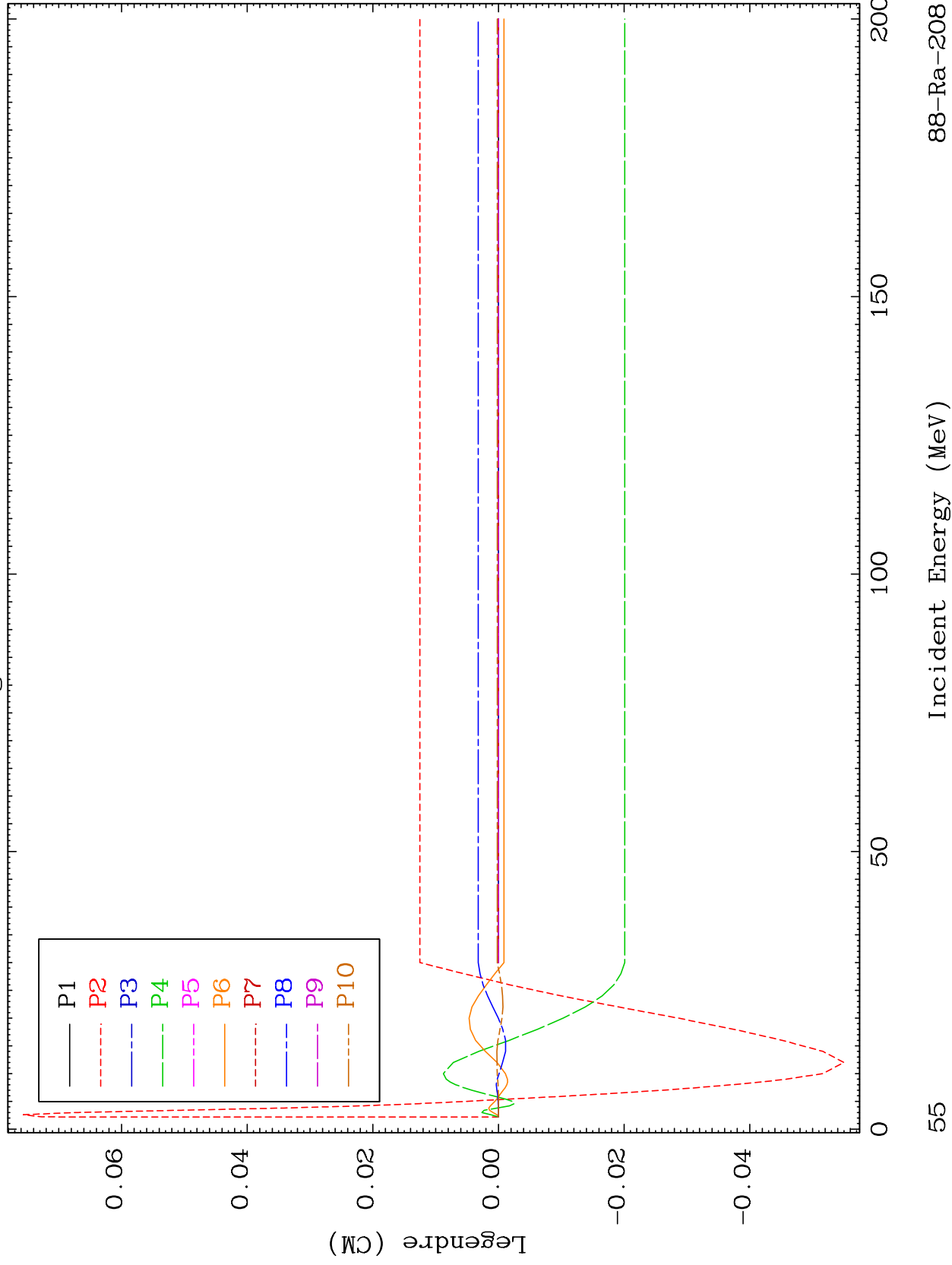
88-Ra-208



MAT 8780

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

88-Ra-208



88-Ra-208

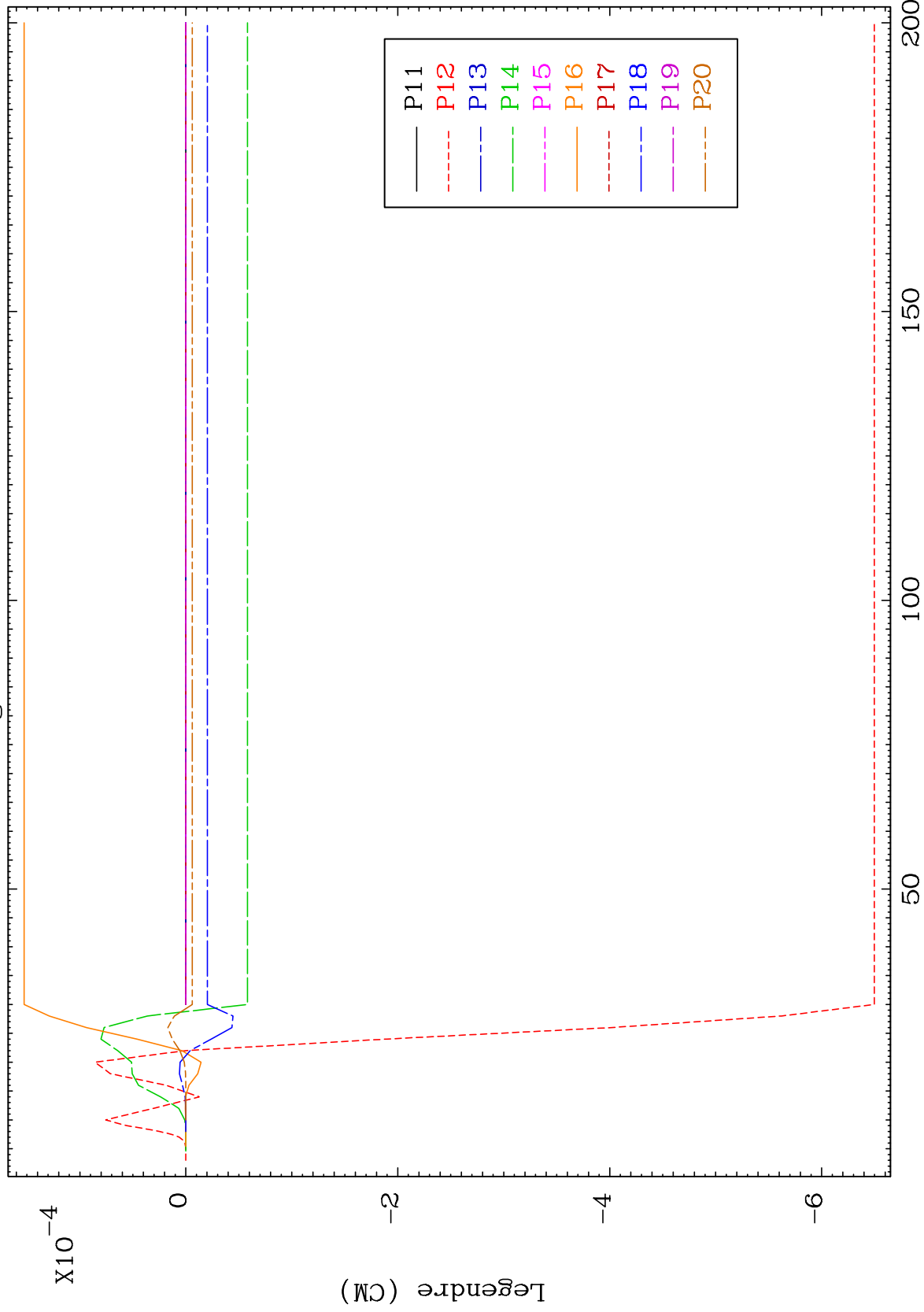
Incident Energy (MeV)

55

MAT 8780

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

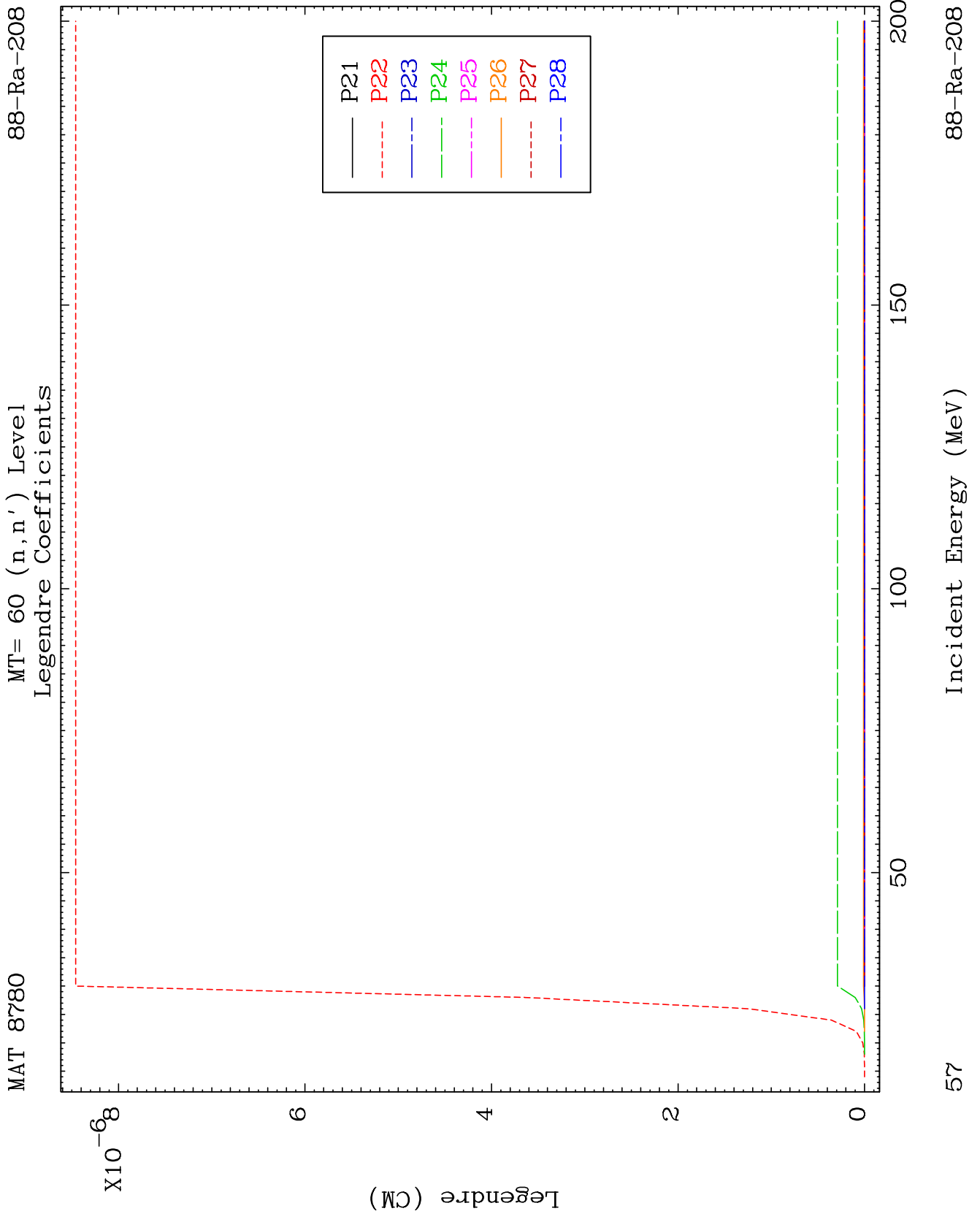
88-Ra-208



56

Incident Energy (MeV)

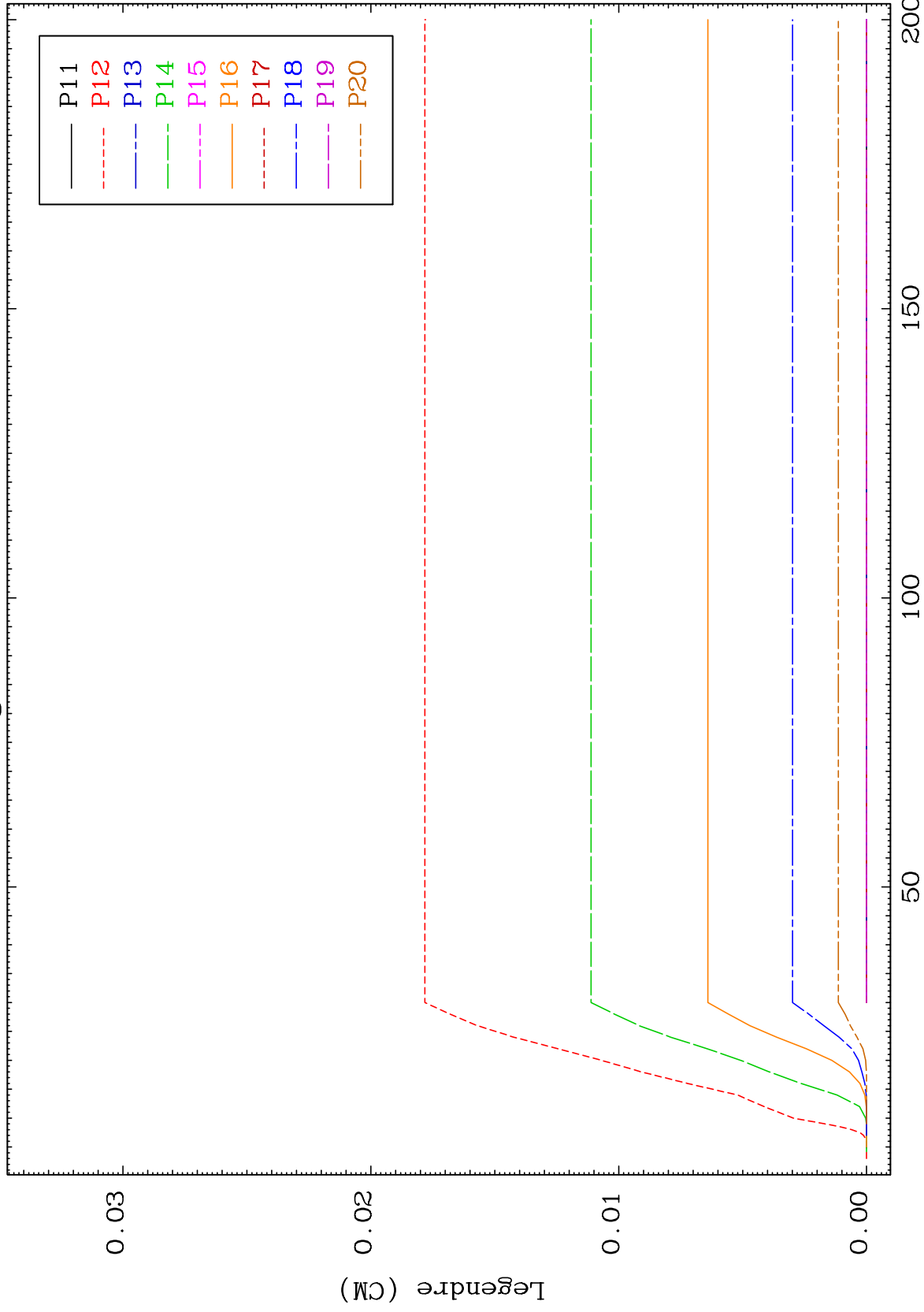
88-Ra-208



MAT 8780

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

88-Ra-208



59

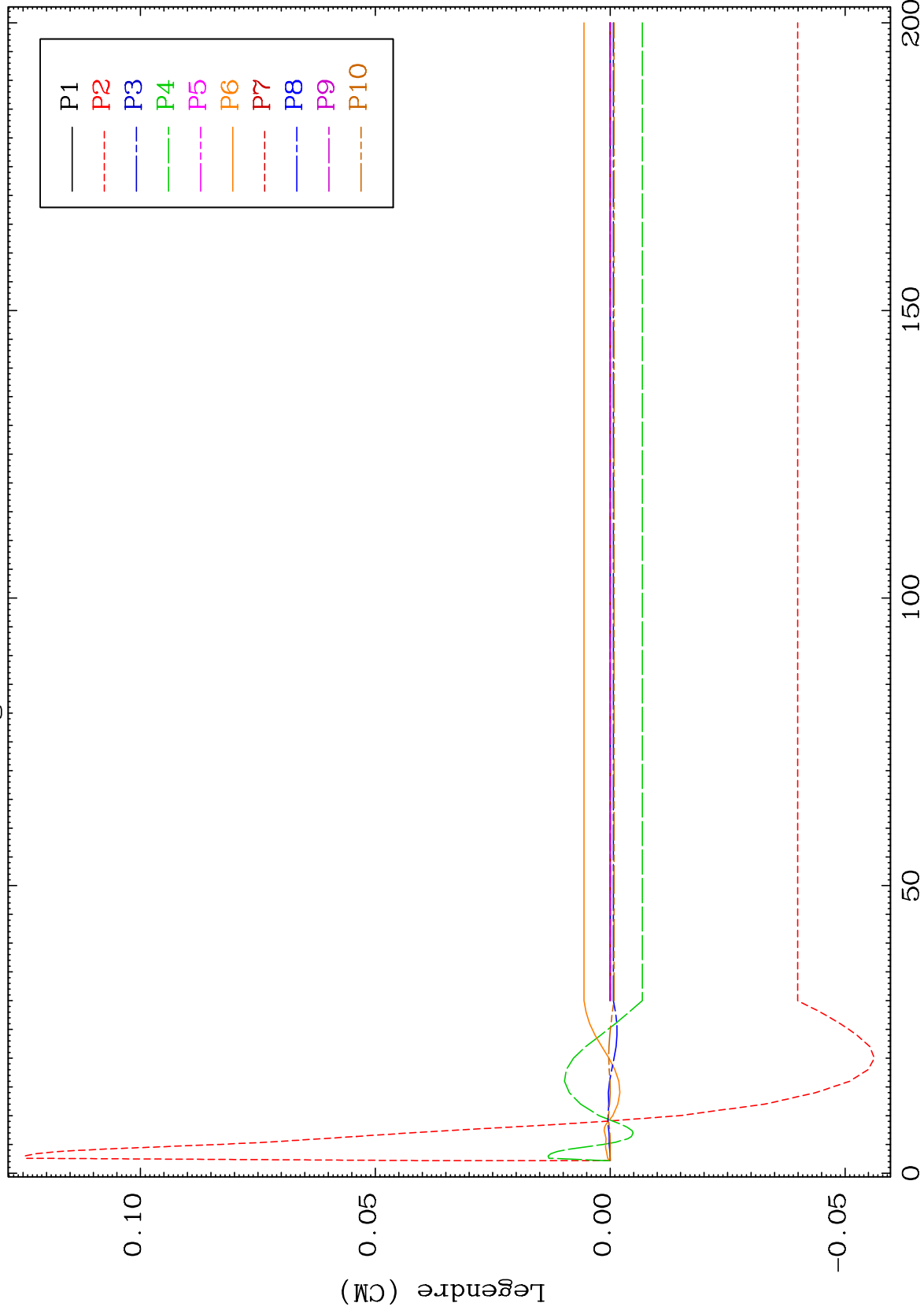
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



61

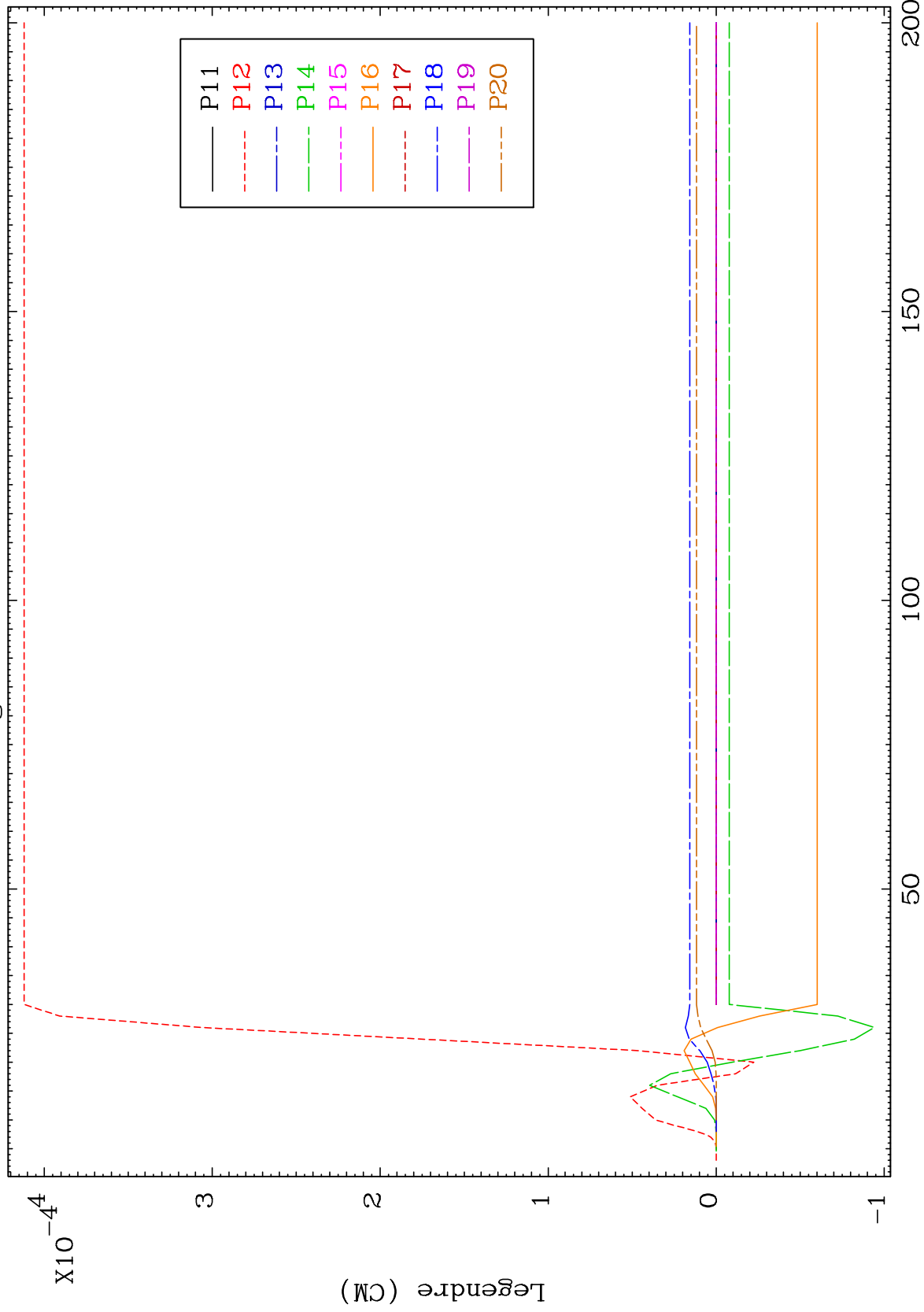
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

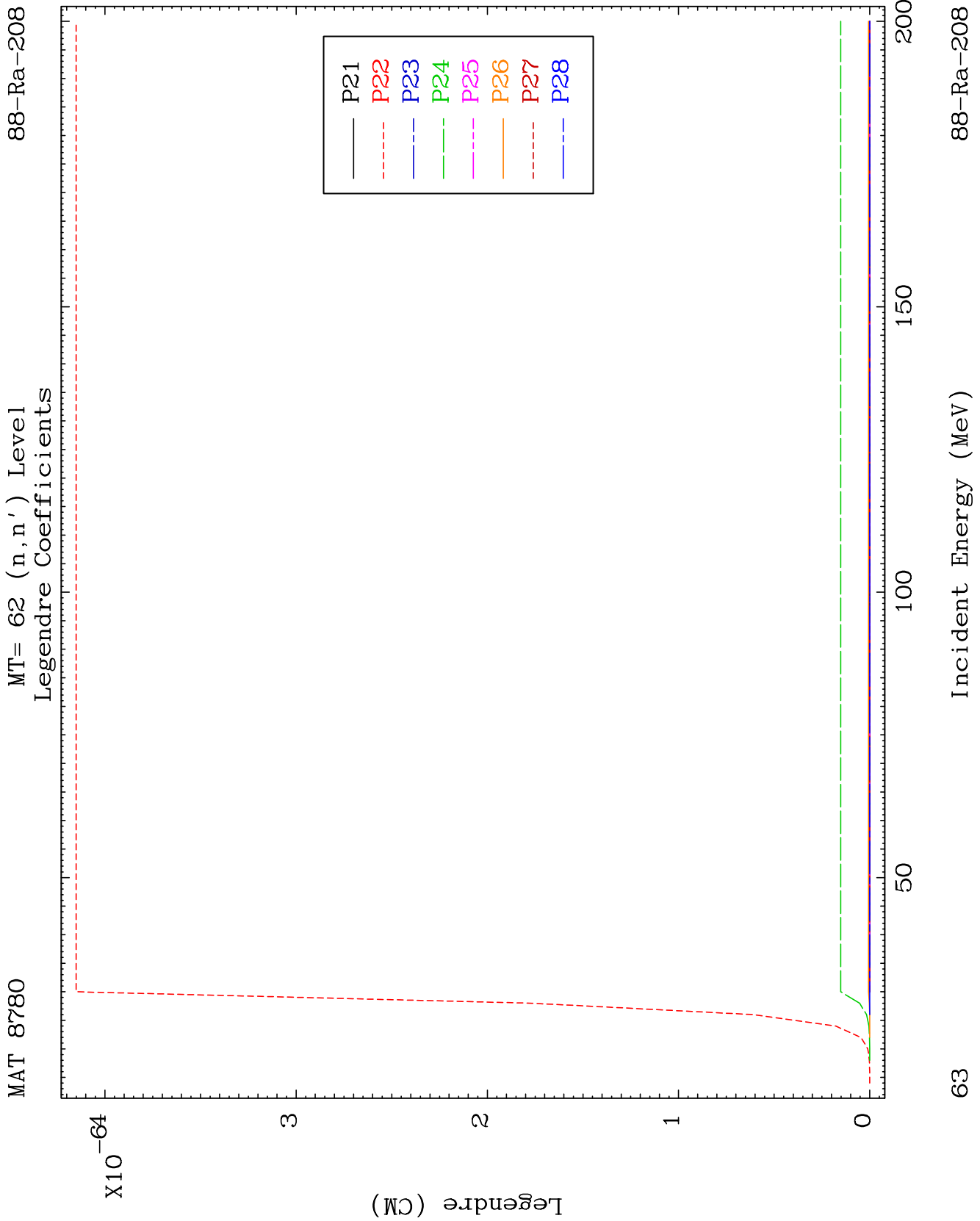
88-Ra-208



62

Incident Energy (MeV)

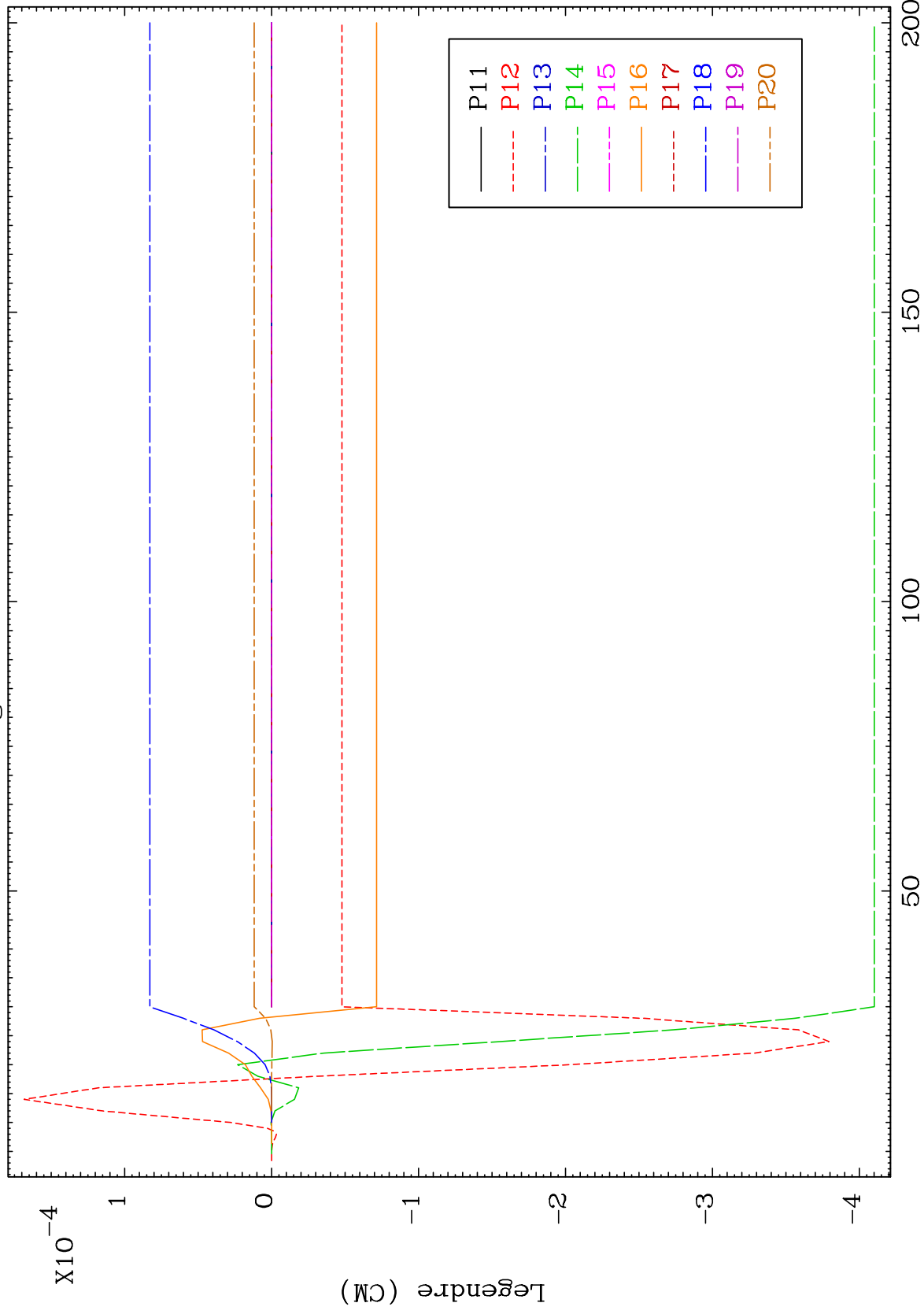
88-Ra-208



MAT 8780

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

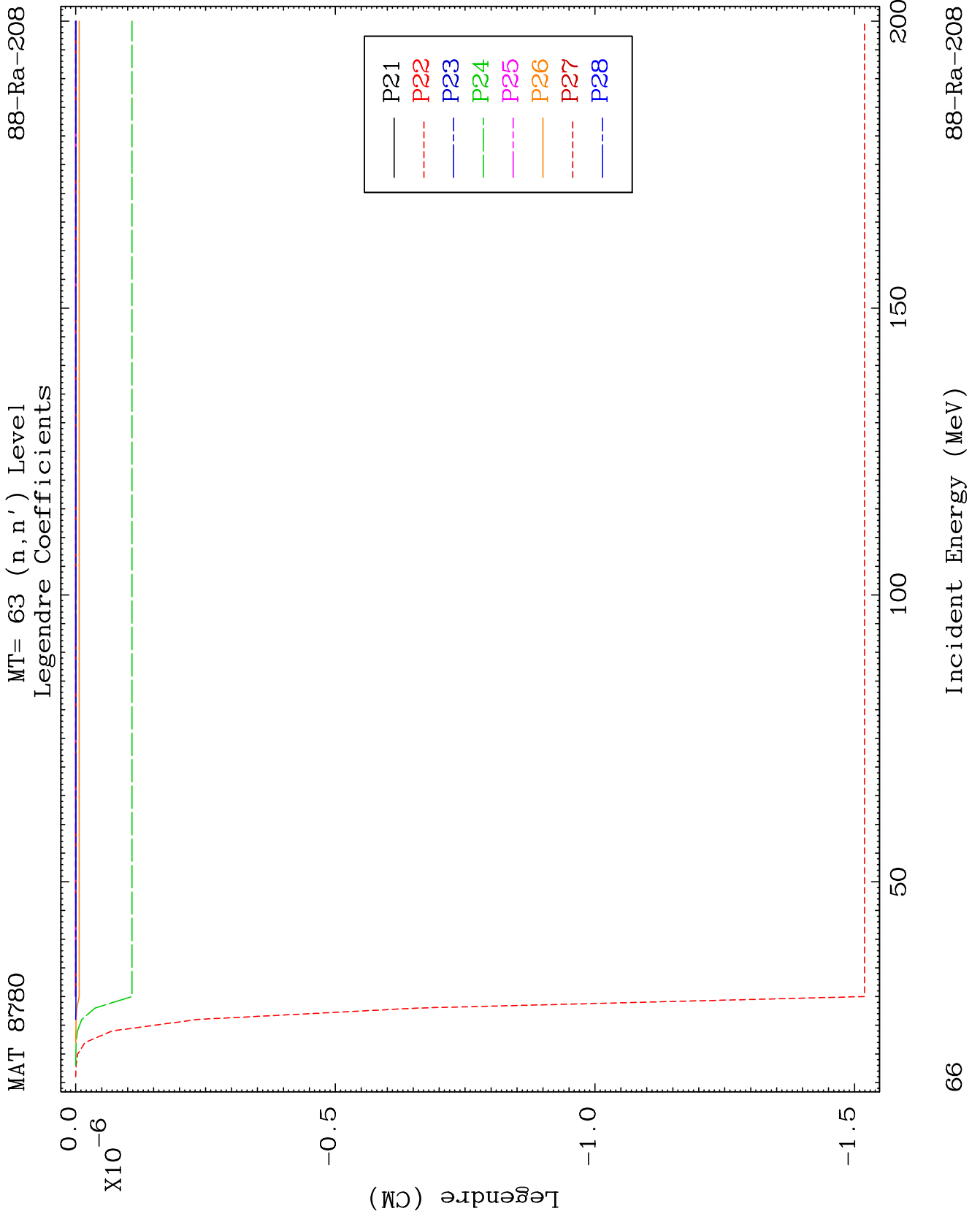
88-Ra-208



65

Incident Energy (MeV)

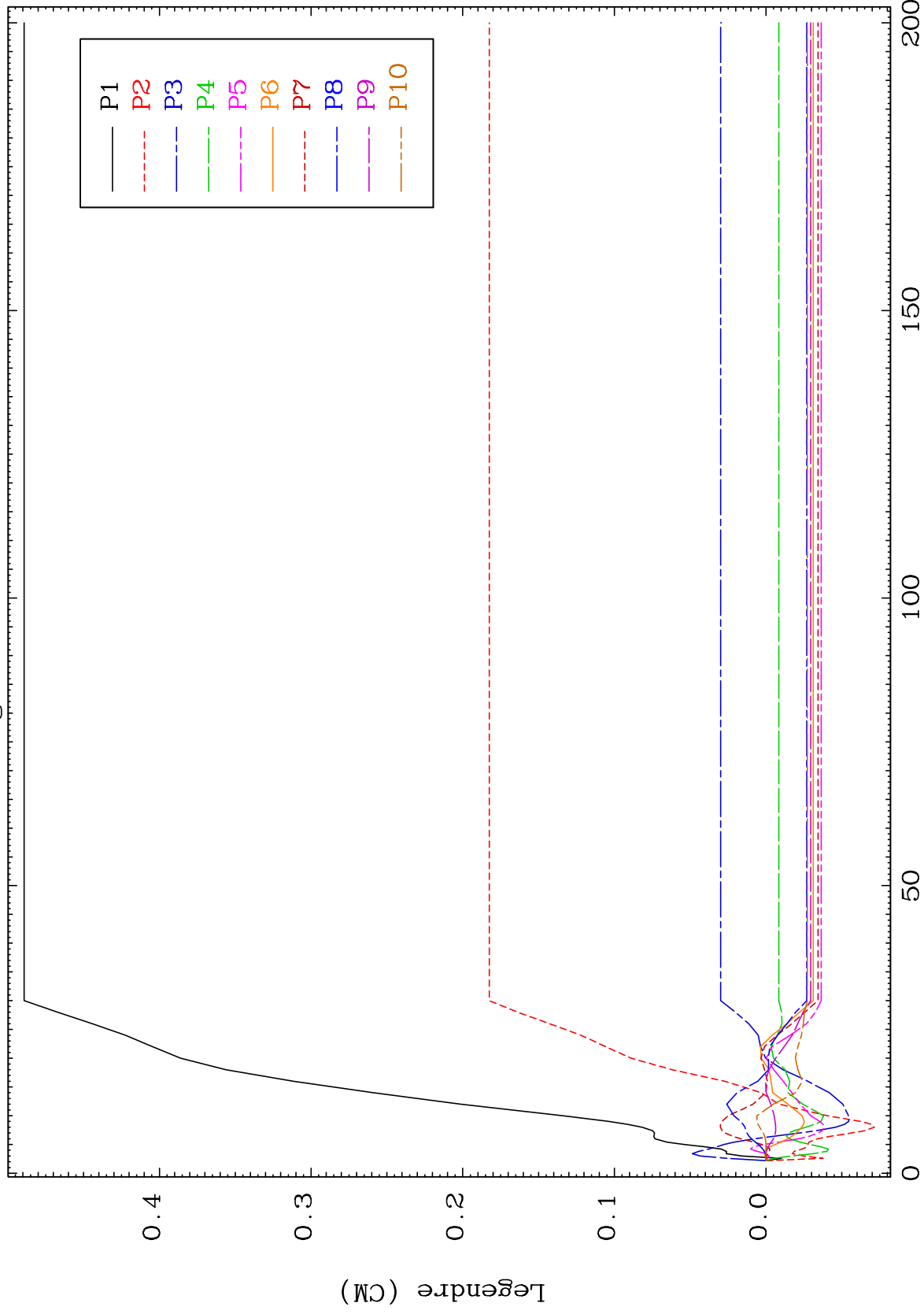
88-Ra-208



MAT 8780

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

88-Ra-208



67

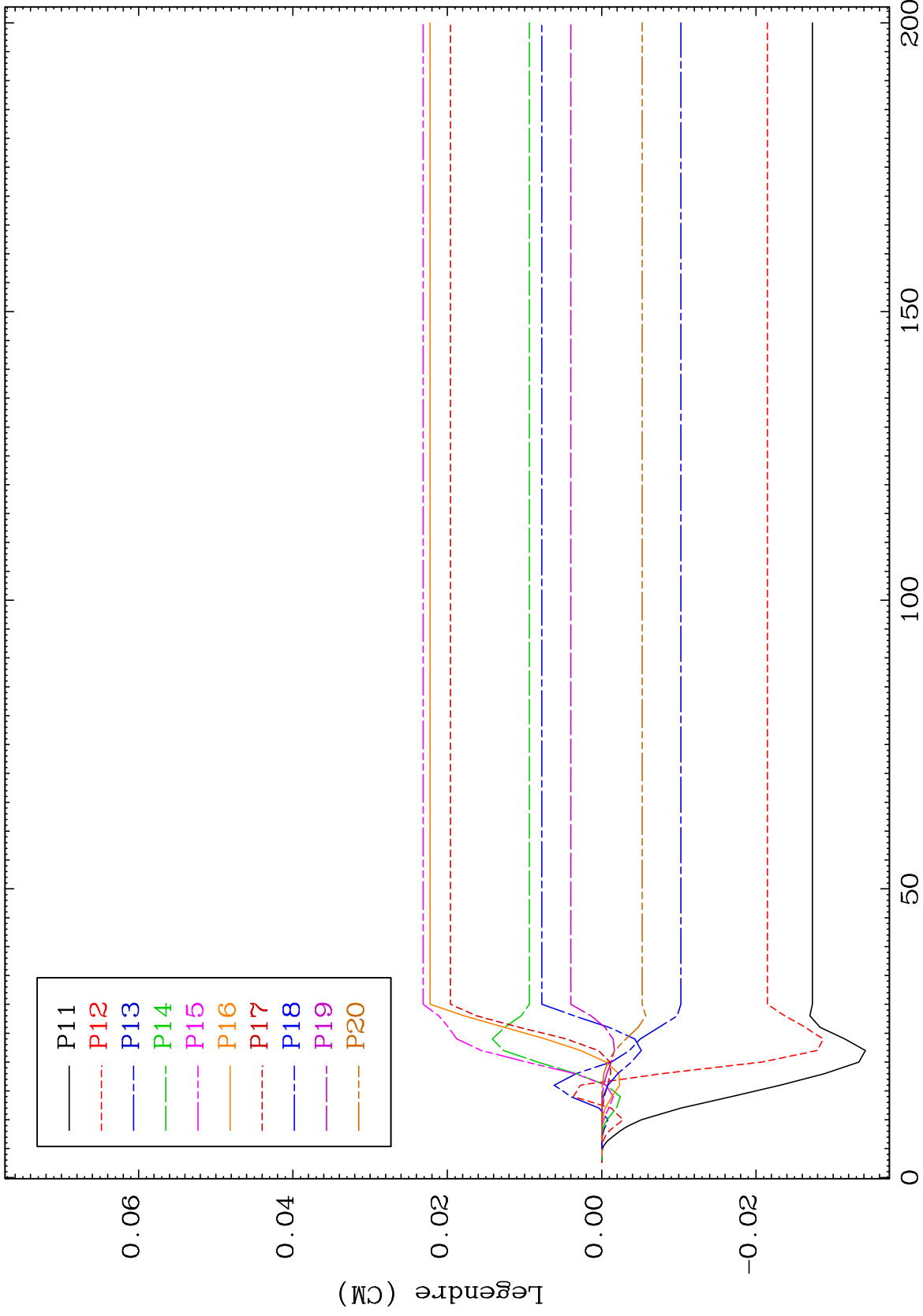
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

88-Ra-208



68

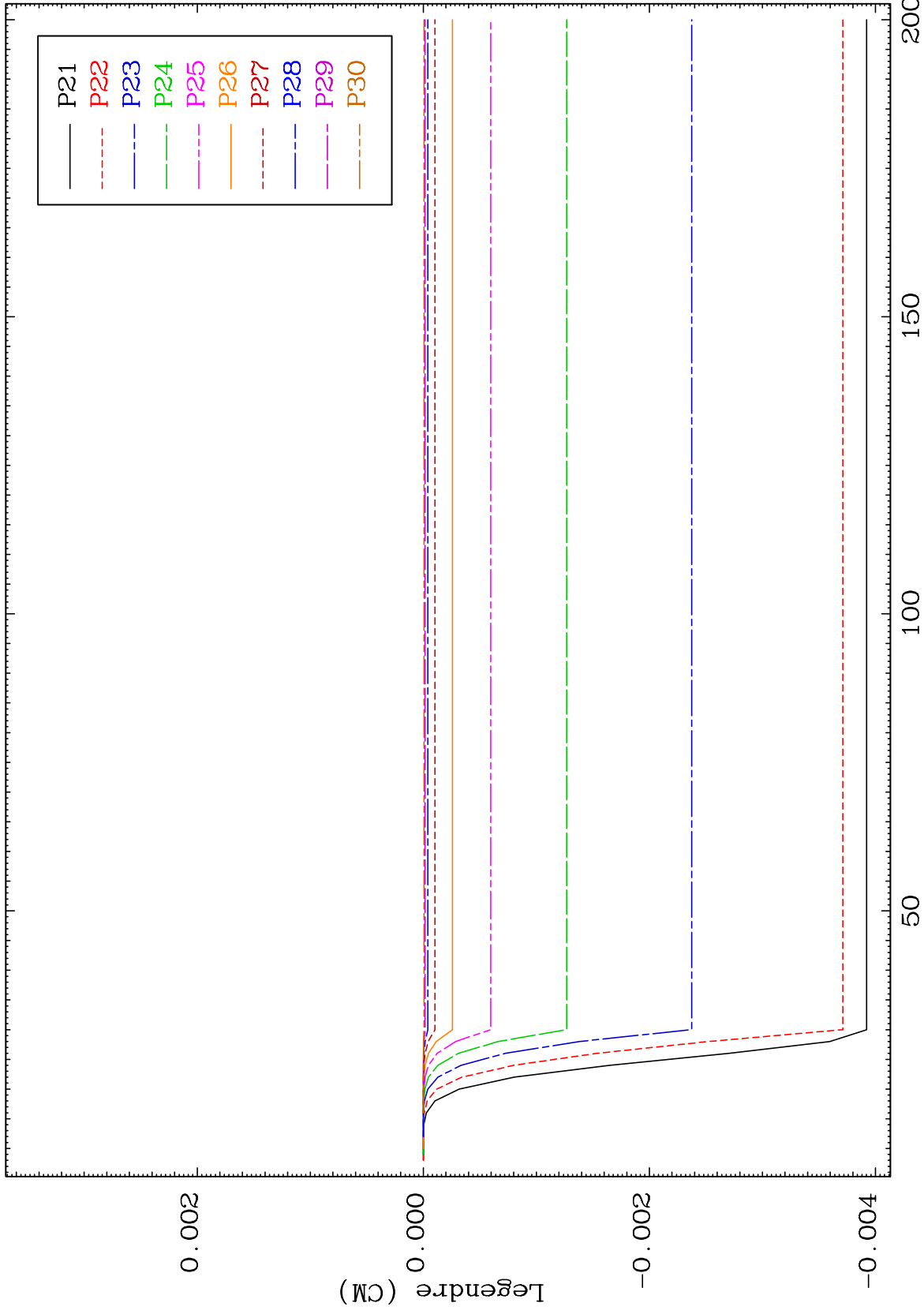
Incident Energy (MeV)

88-Ra-208

MAT 8780

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

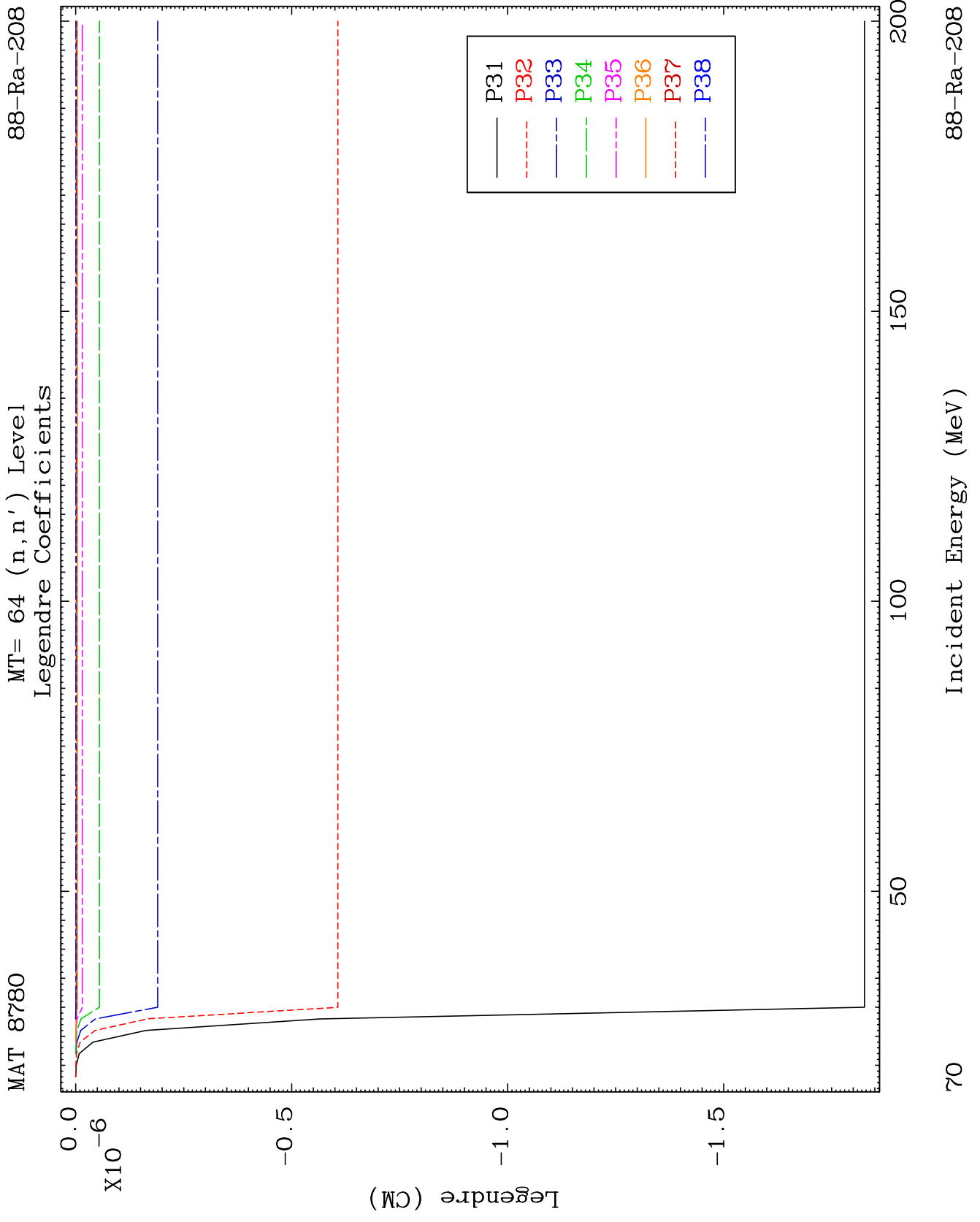
88-Ra-208



69

Incident Energy (MeV)

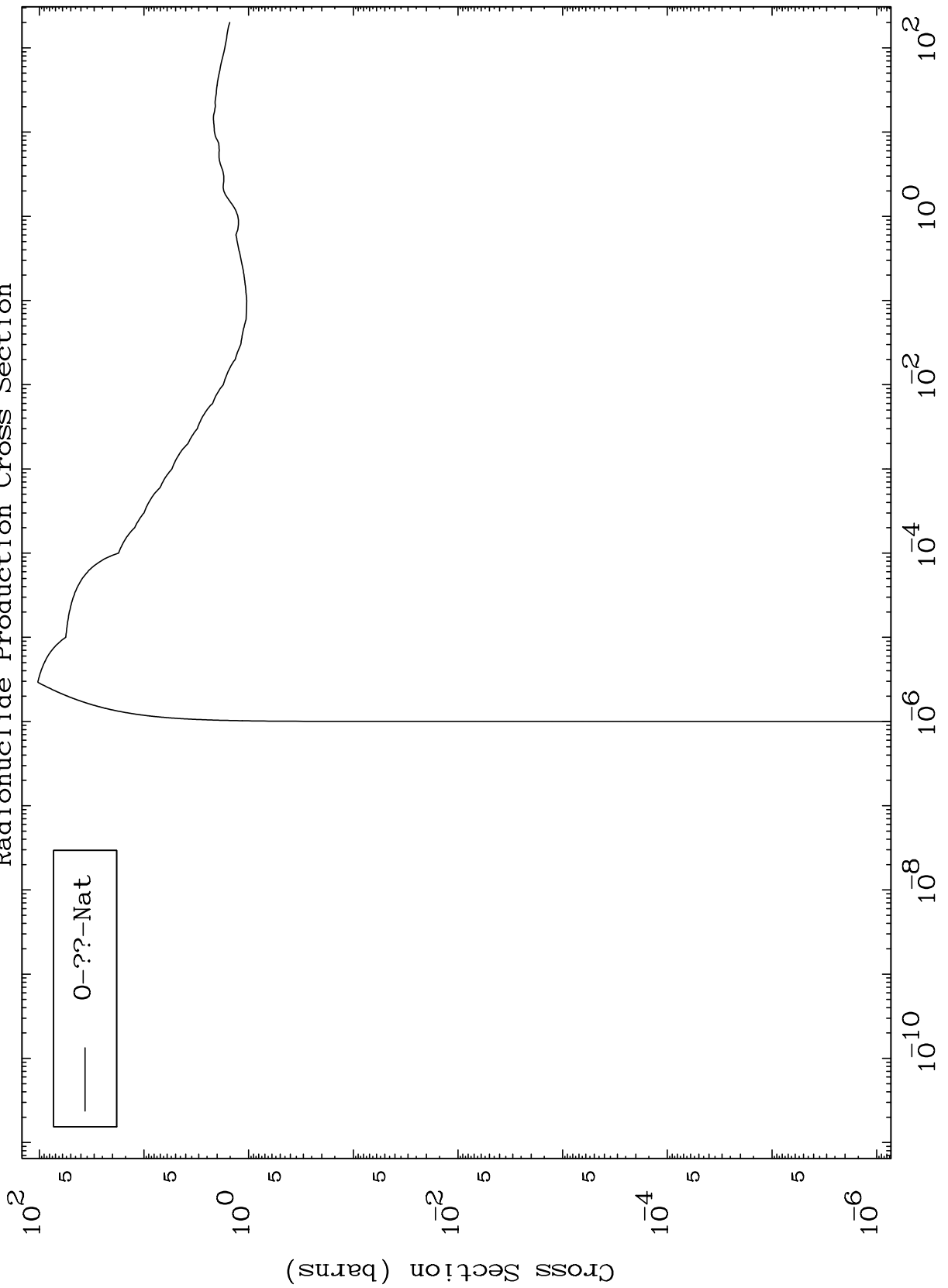
88-Ra-208



MAT 8780

88-Ra-208

Fission
Radionuclide Production Cross Section

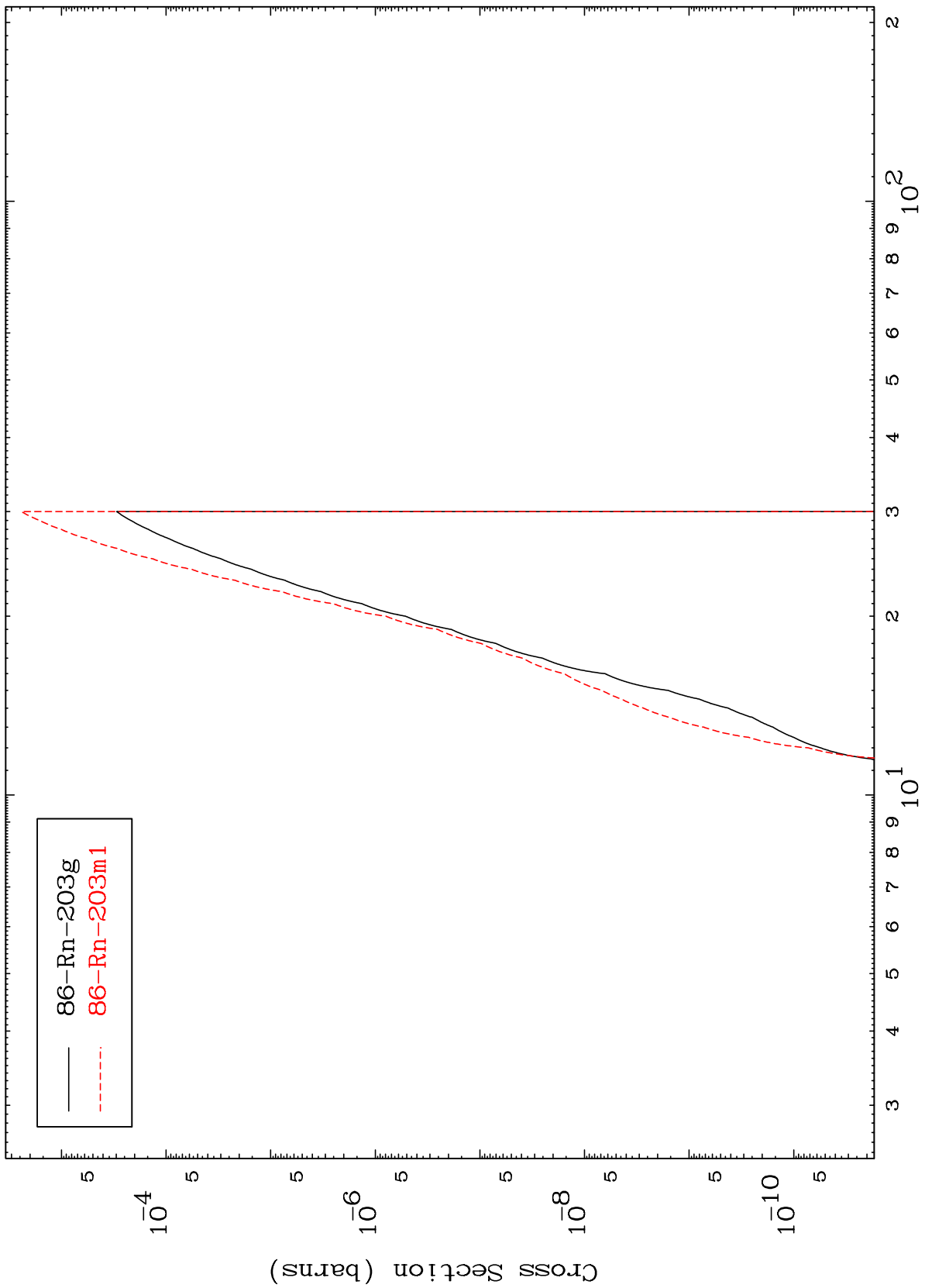


MAT 8780

$(n,2n) \alpha$

88-Ra-208

Radionuclide Production Cross Section



72

Incident Energy (MeV)

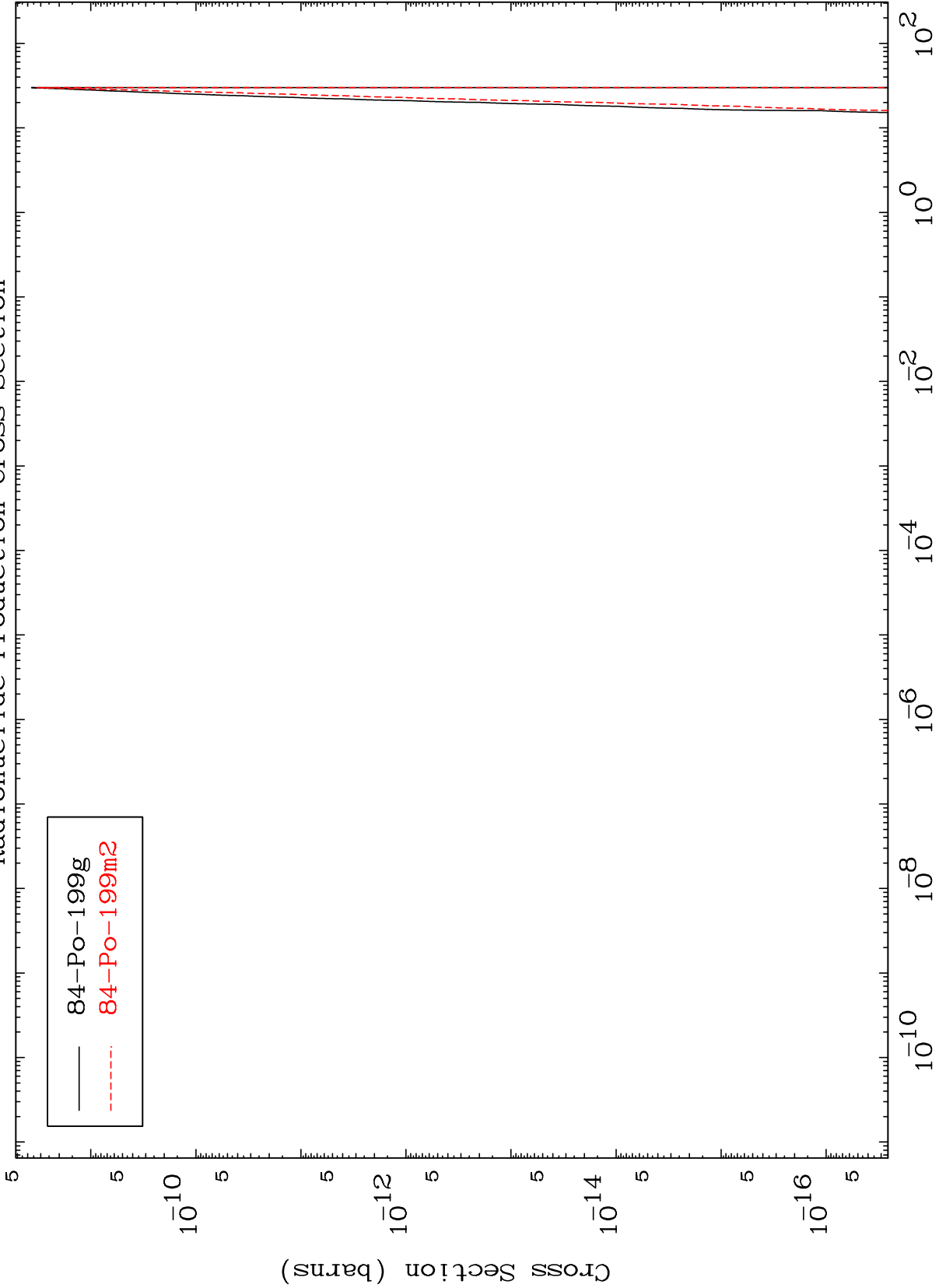
88-Ra-208

MAT 8780

$(n,2n) 2\alpha$

88-Ra-208

Radionuclide Production Cross Section



73

Incident Energy (MeV)

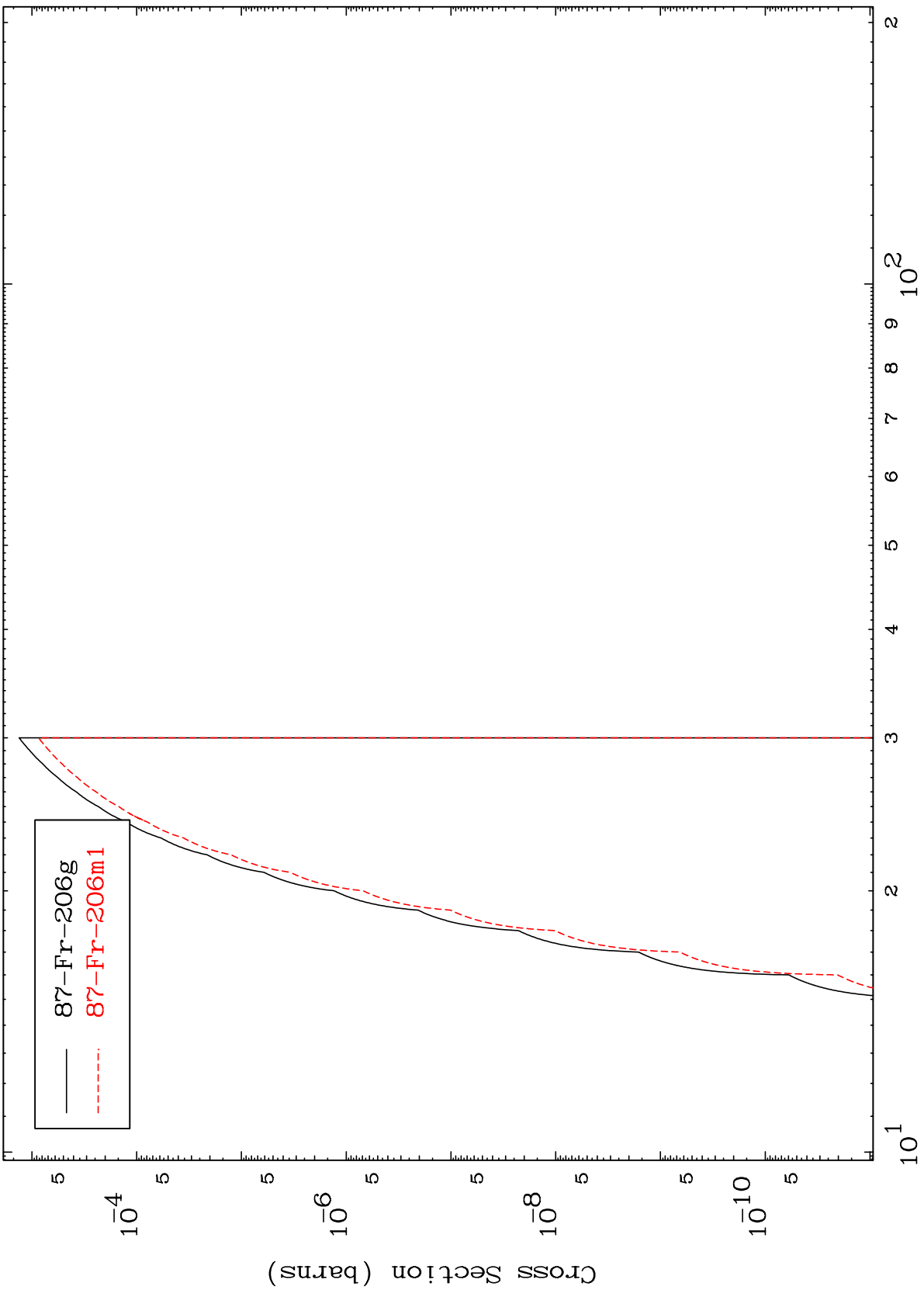
88-Ra-208

MAT 8780

(n,n') d

88-Ra-208

Radionuclide Production Cross Section



87-Fr-206g
87-Fr-206m1

Incident Energy (MeV)

88-Ra-208

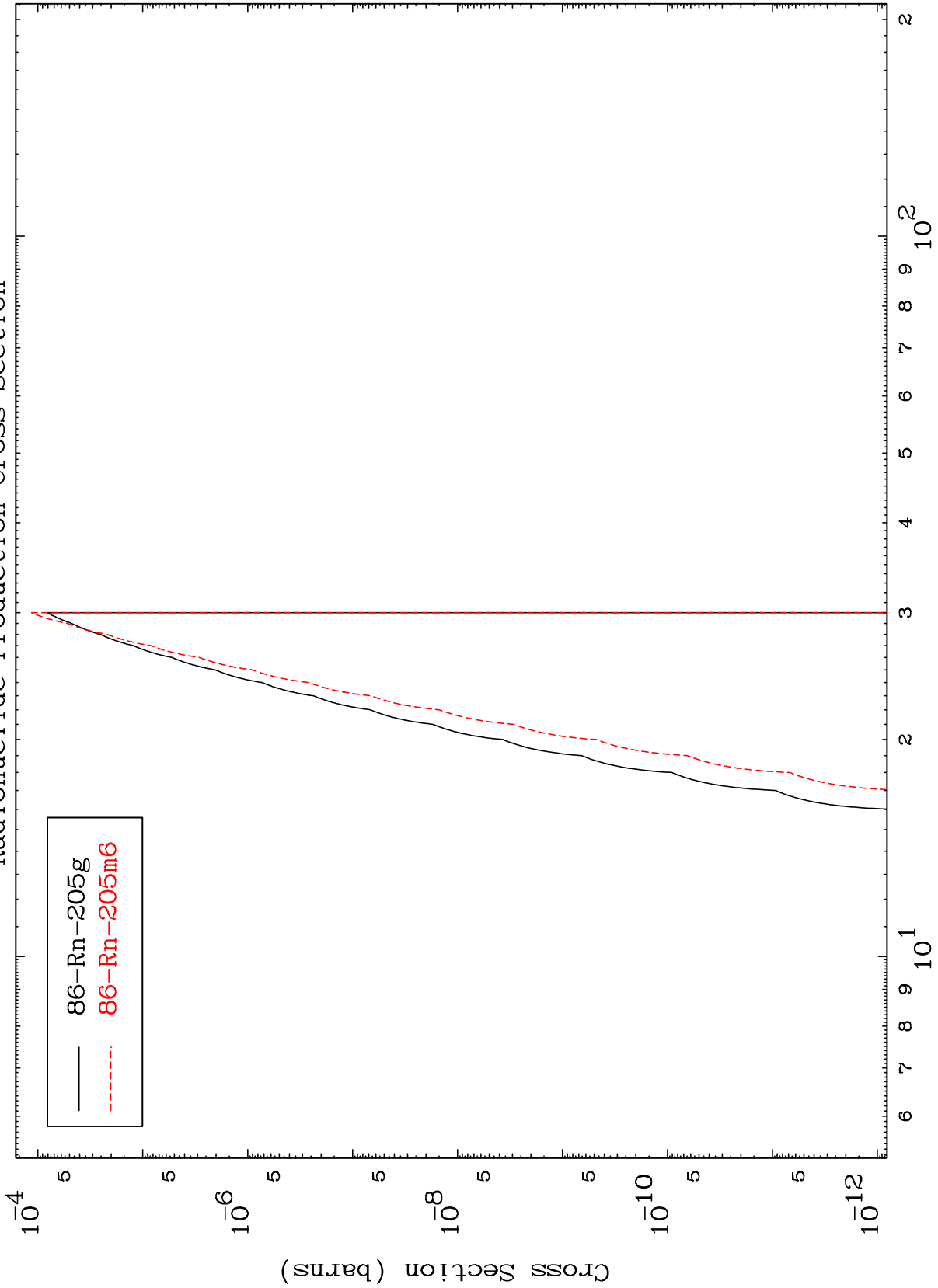
74

MAT 8780

(n,n') He-3

88-Ra-208

Radionuclide Production Cross Section



75

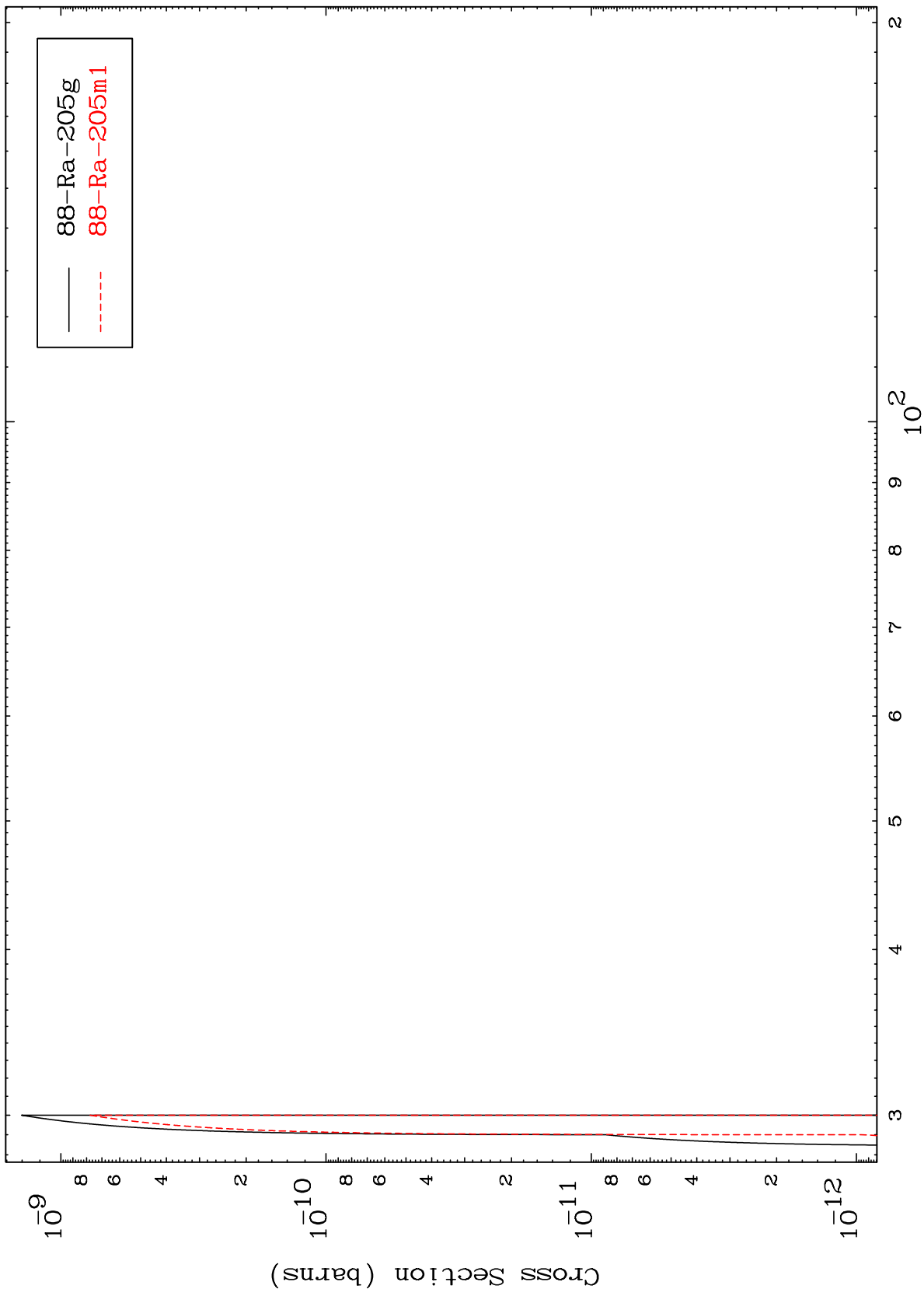
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

(n,4n)
Radionuclide Production Cross Section



76

88-Ra-208

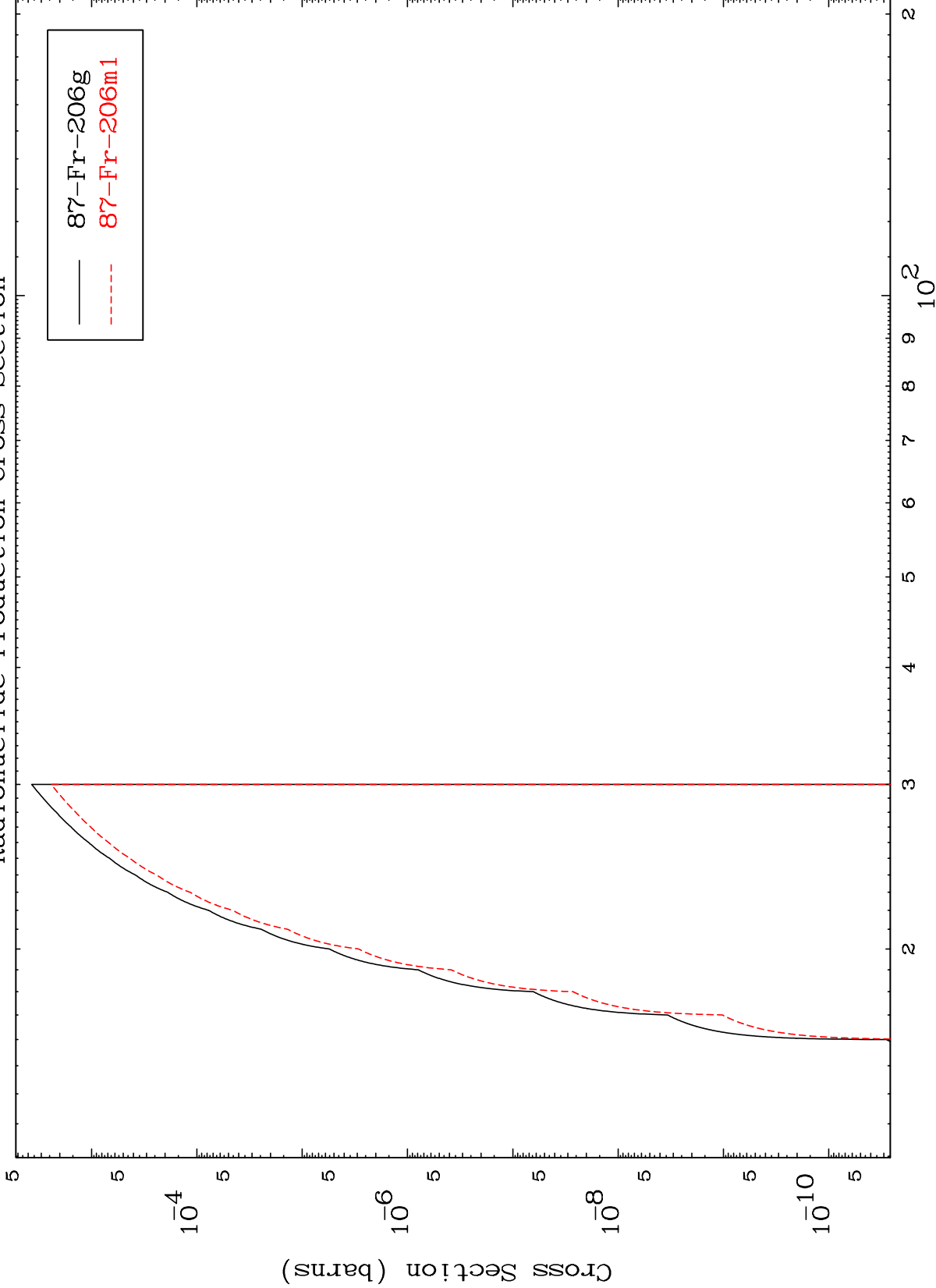
Incident Energy (MeV)

MAT 8780

(n,2n) p

88-Ra-208

Radionuclide Production Cross Section



77

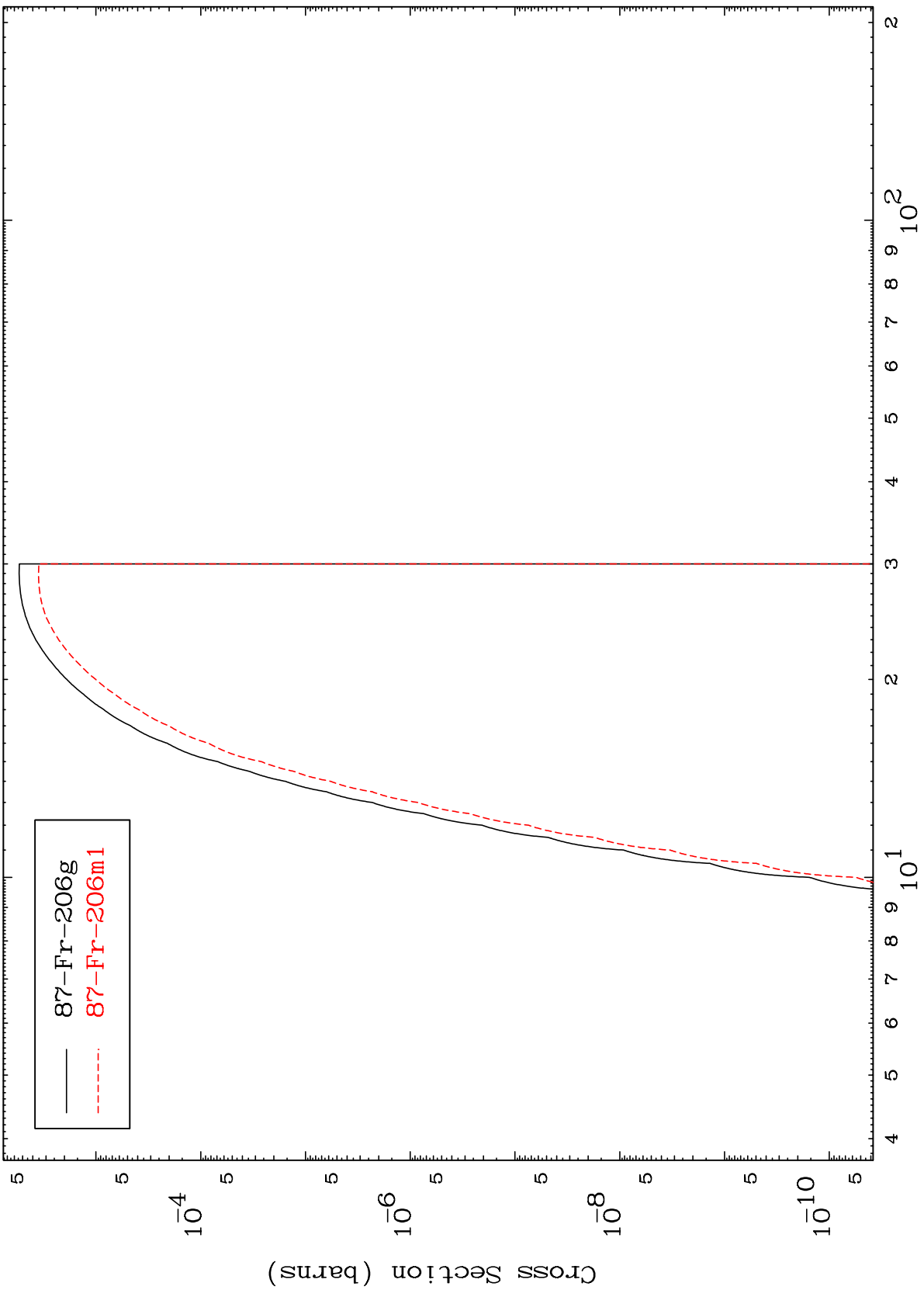
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

Radionuclide Production Cross Section (n, t)



78

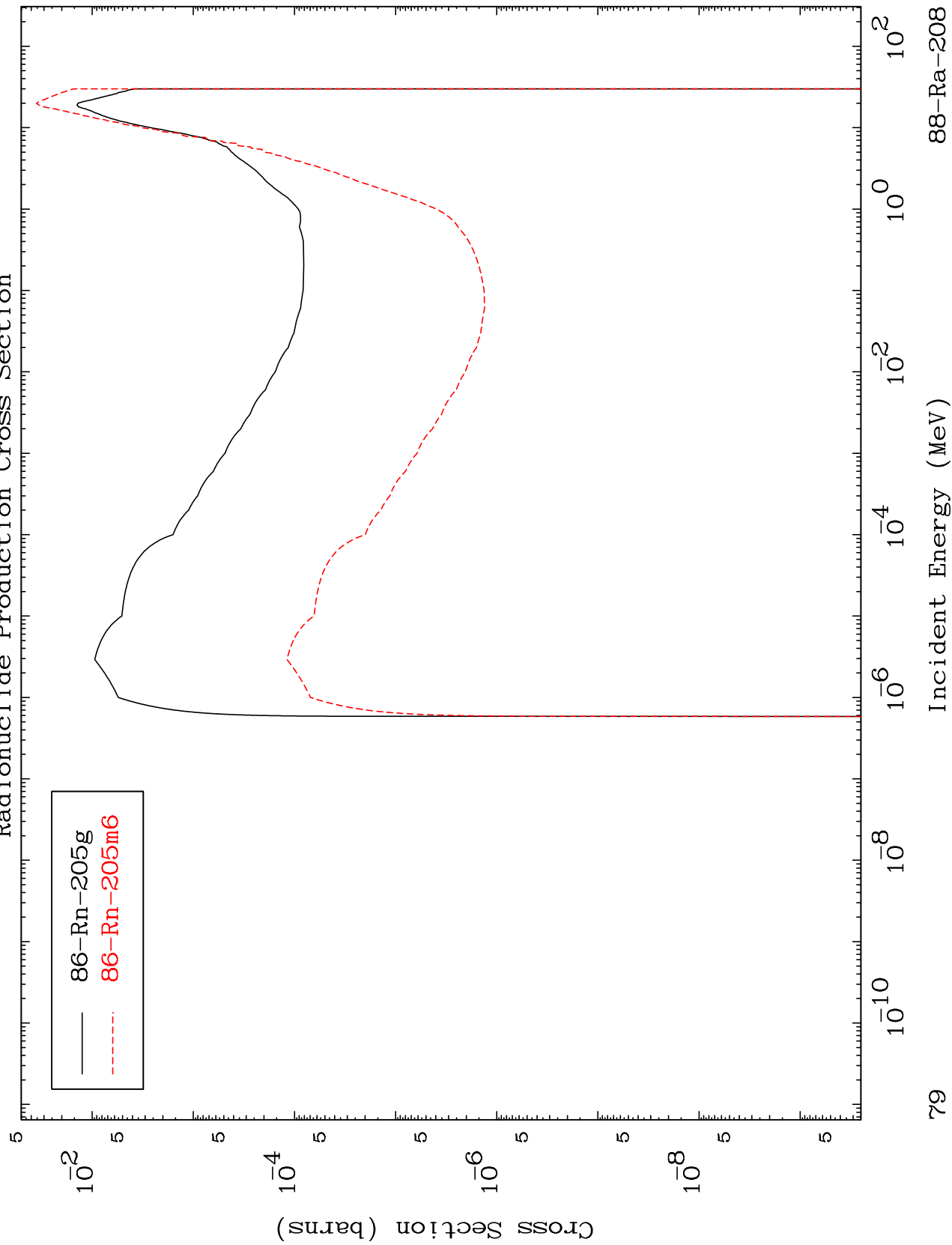
Incident Energy (MeV)

88-Ra-208

MAT 8780

88-Ra-208

(n, α)
Radionuclide Production Cross Section



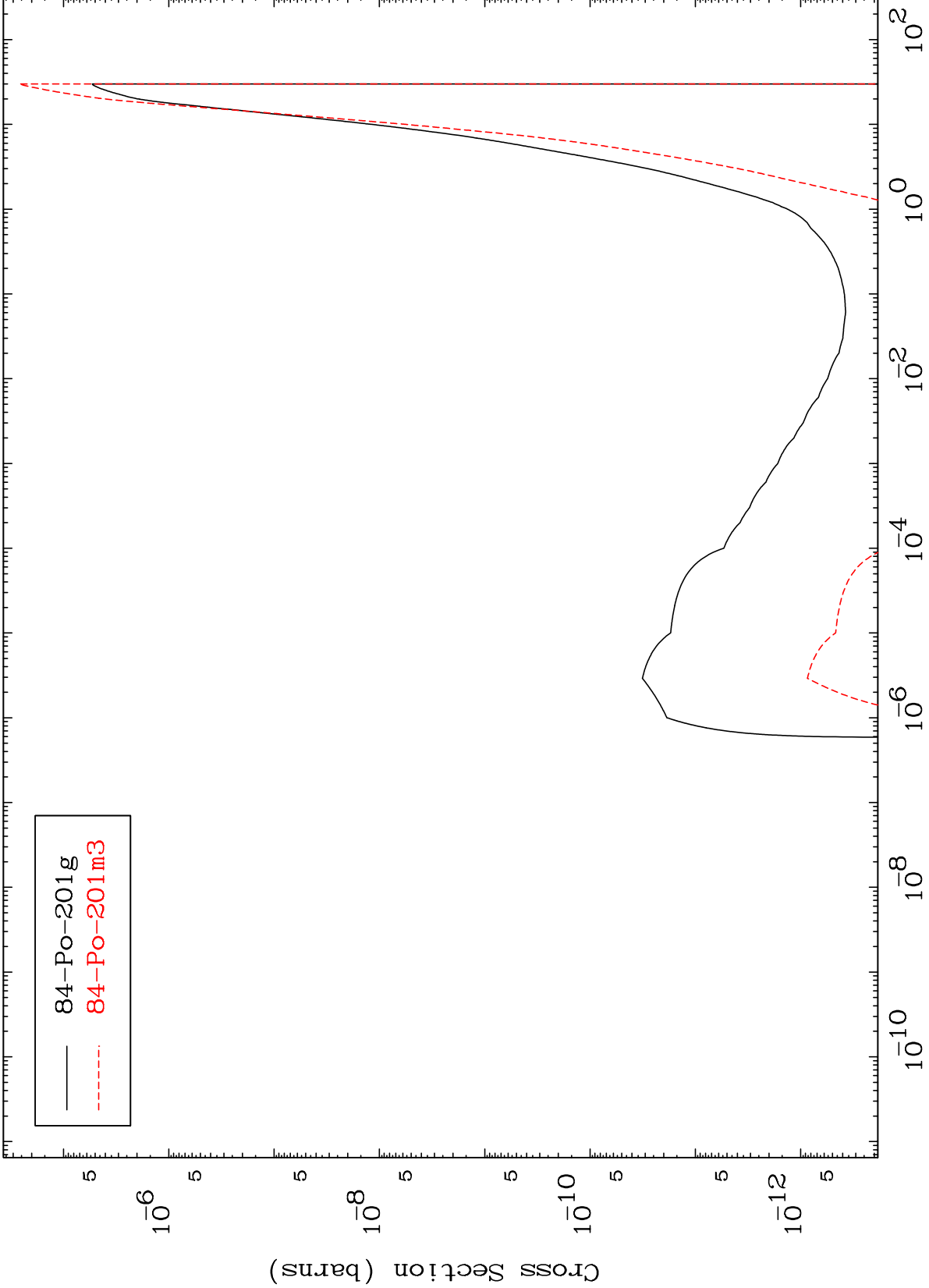
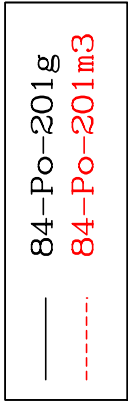
79

MAT 8780

(n,2α)

88-Ra-208

Radionuclide Production Cross Section



80

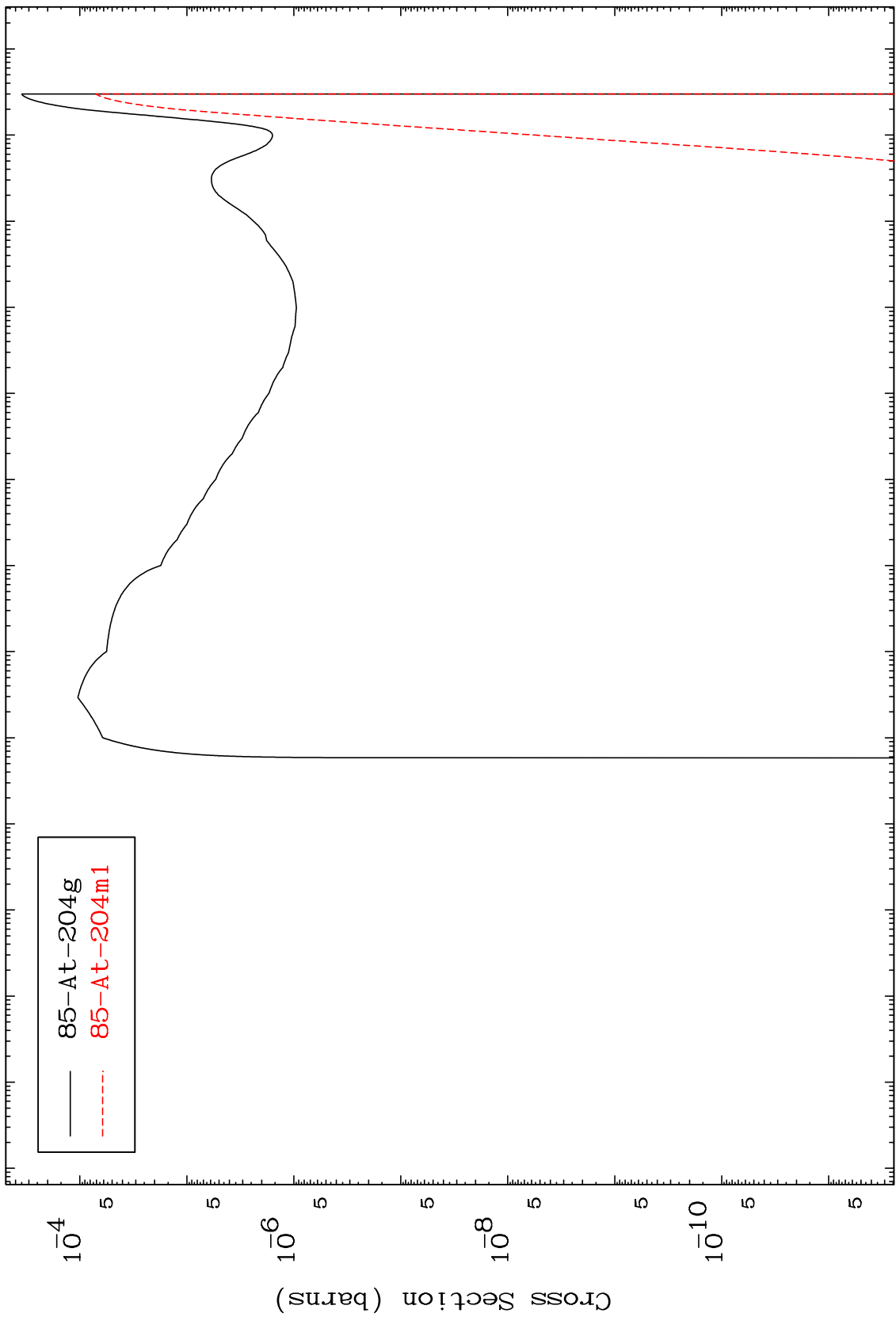
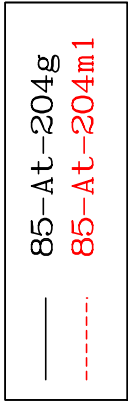
88-Ra-208

MAT 8780

(n,p) α

88-Ra-208

Radionuclide Production Cross Section

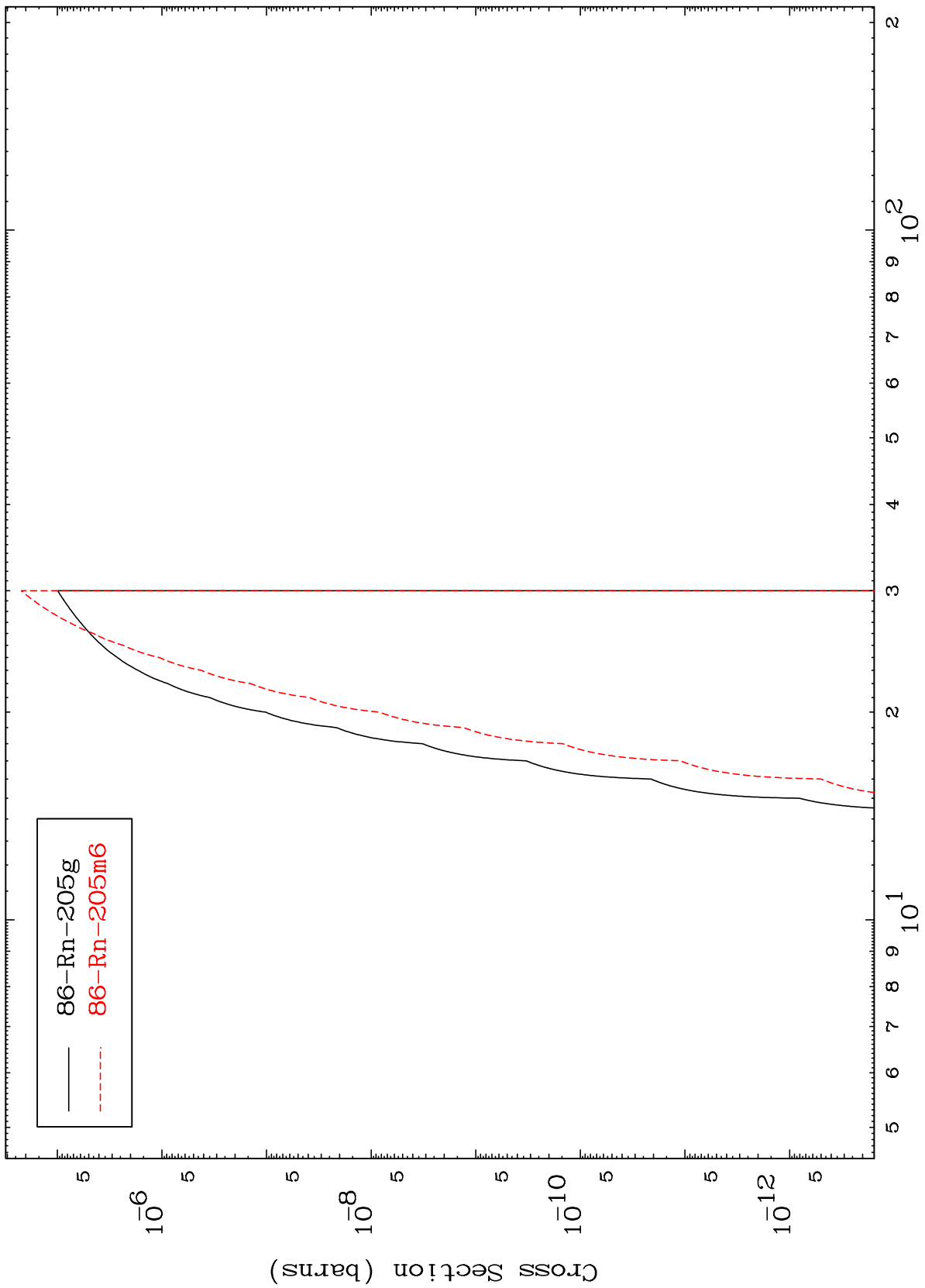


MAT 8780

(n,p) t

88-Ra-208

Radionuclide Production Cross Section



82

Incident Energy (MeV)

88-Ra-208