

Program EVALPLOT
(Version 2017-1)

by

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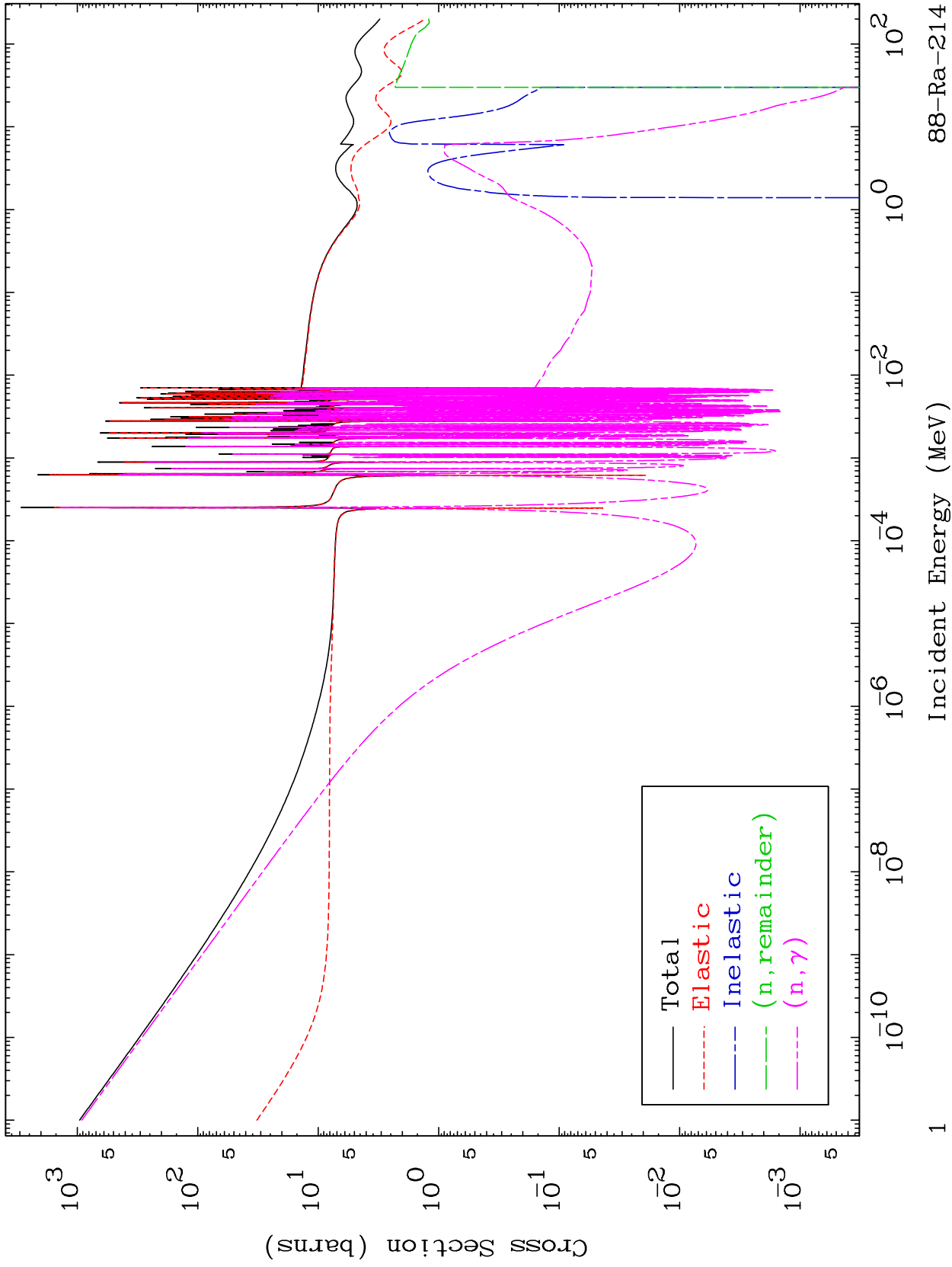
Press Mouse Button to Start

MAT 8798

Major

293 Kelvin Cross Sections

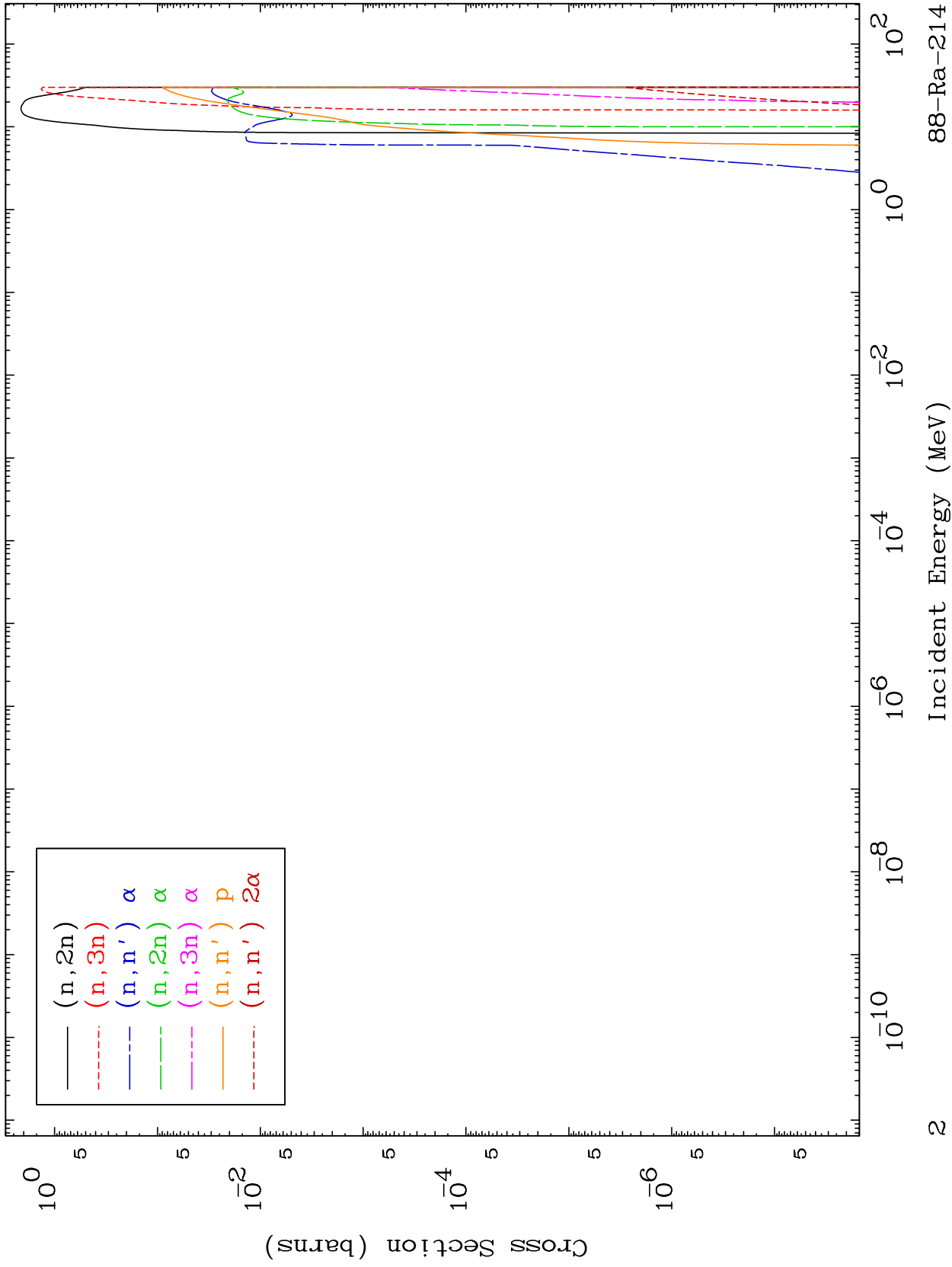
88-Ra-214



MAT 8798

Neutron Production
293 Kelvin Cross Sections

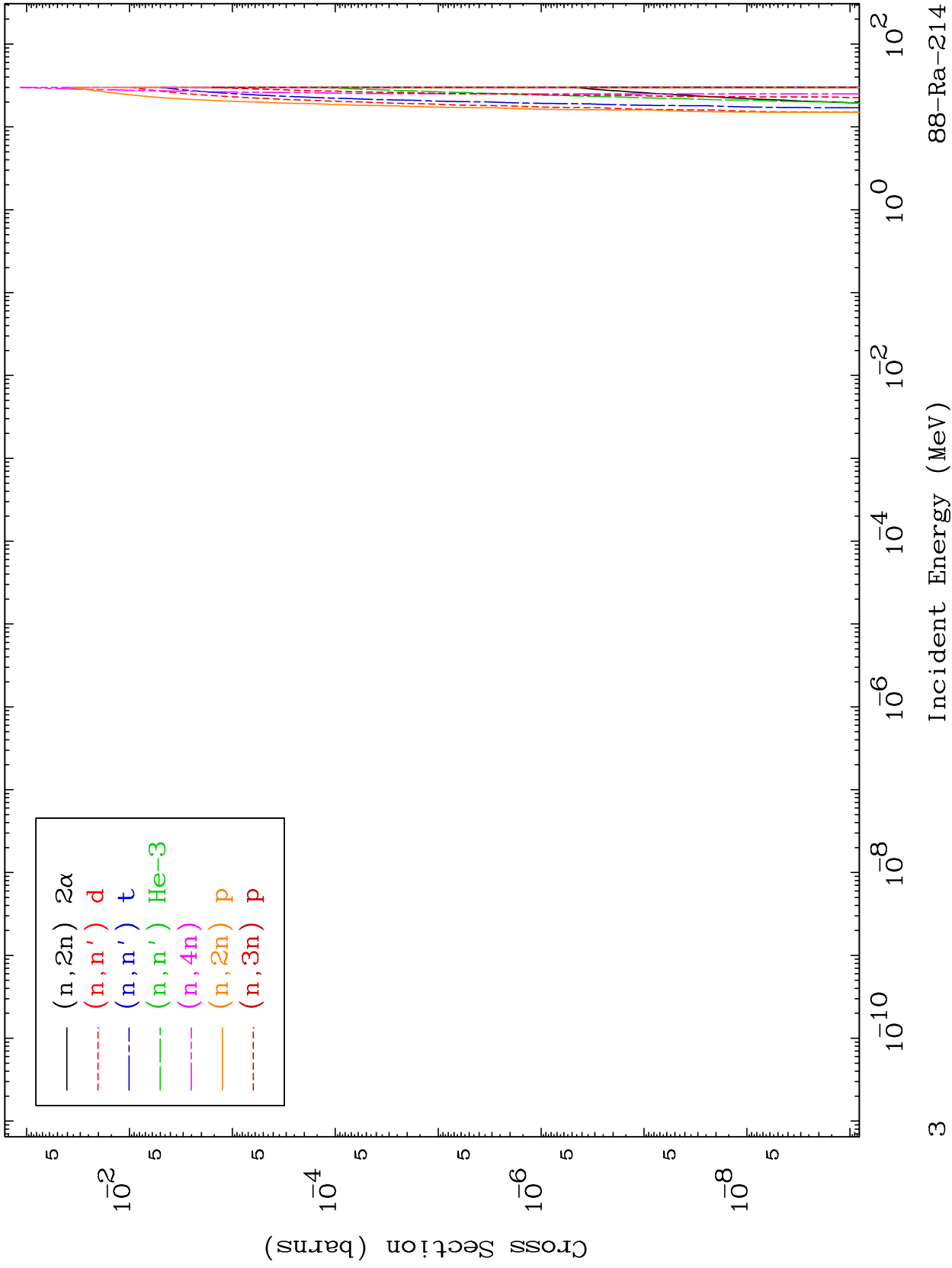
88-Ra-214



MAT 8798

Neutron Production
293 Kelvin Cross Sections

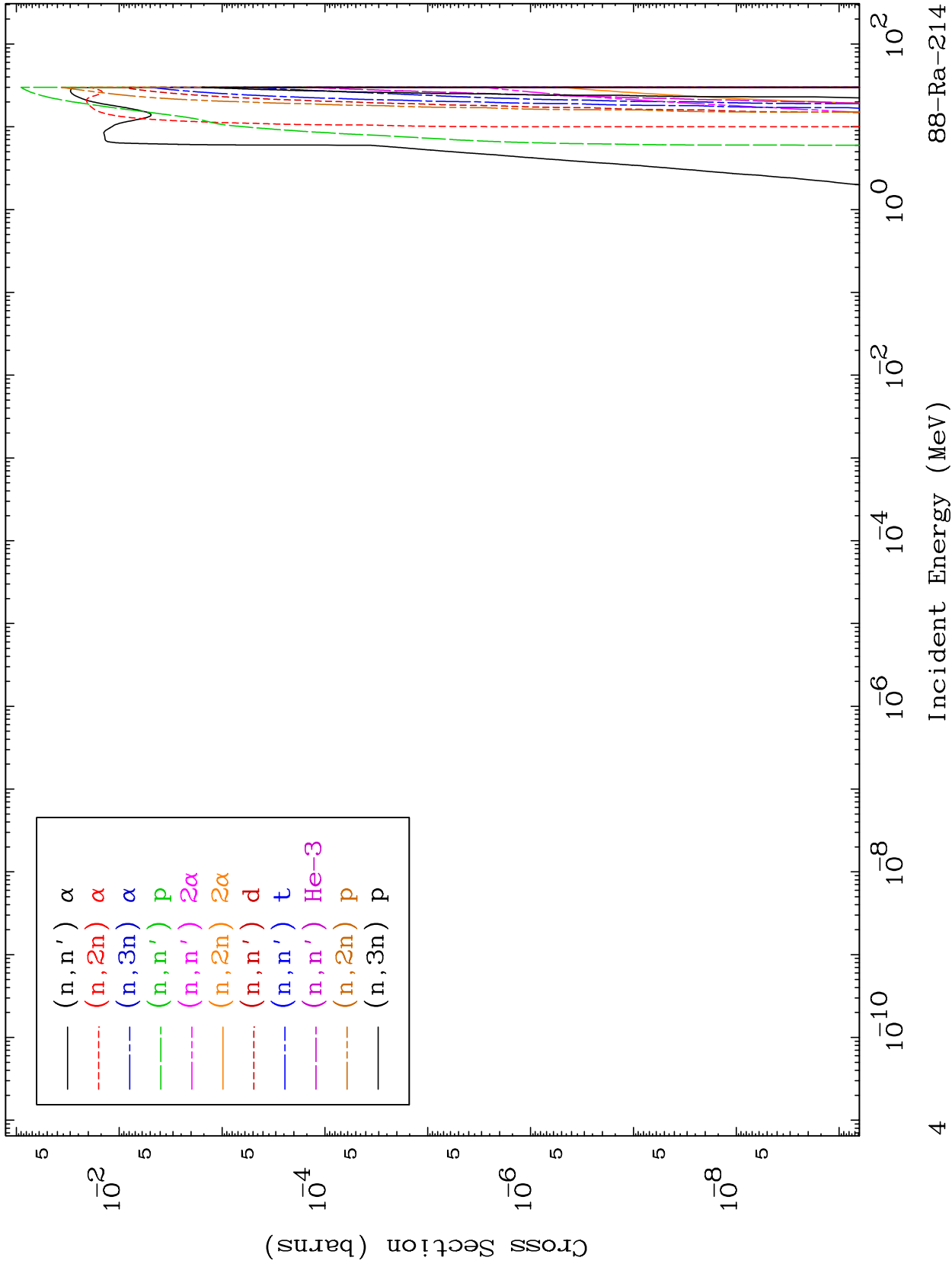
88-Ra-214



MAT 8798

Charged Particle
293 Kelvin Cross Sections

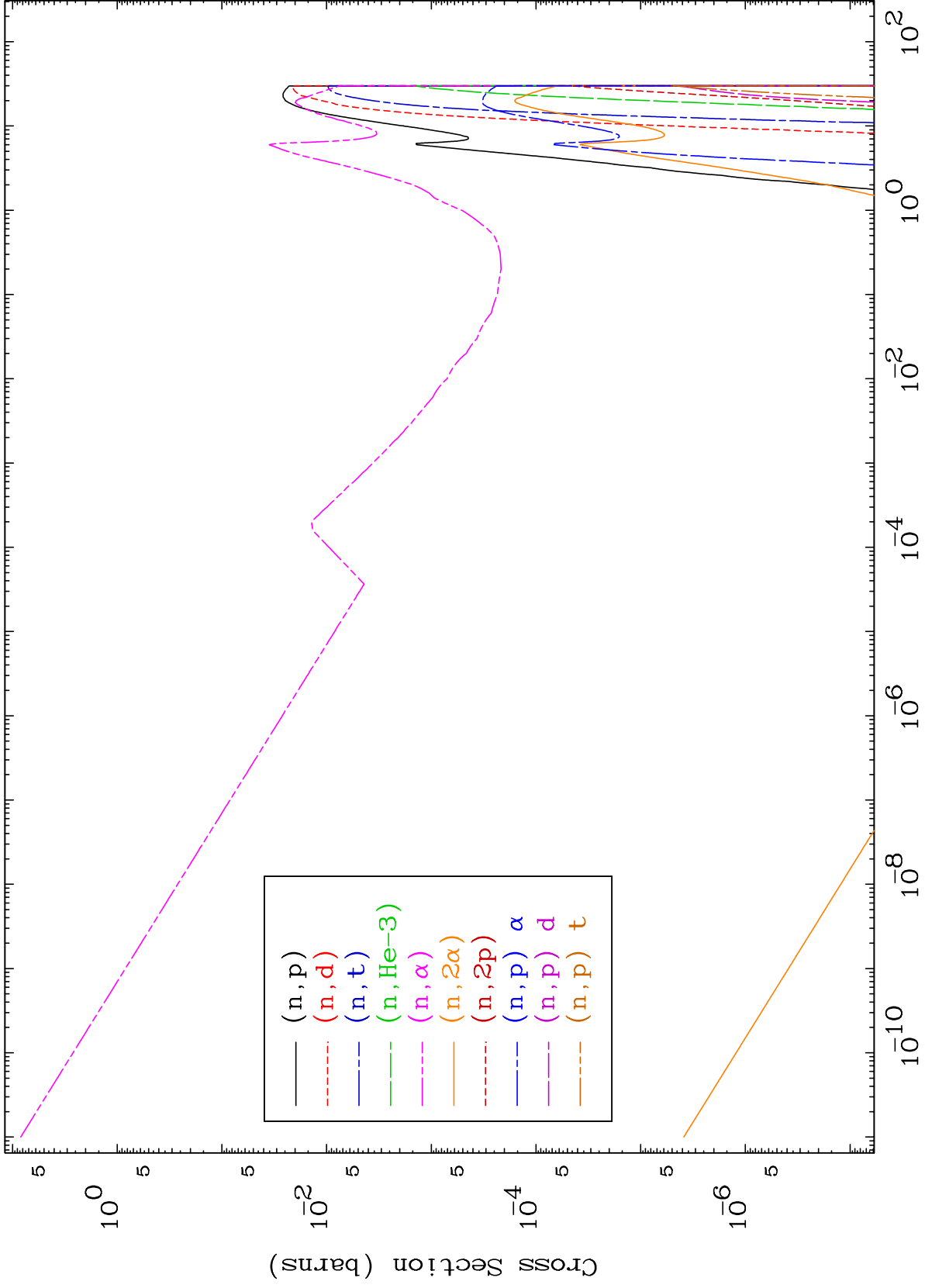
88-Ra-214



MAT 8798

Charged Particle
293 Kelvin Cross Sections

88-Ra-214



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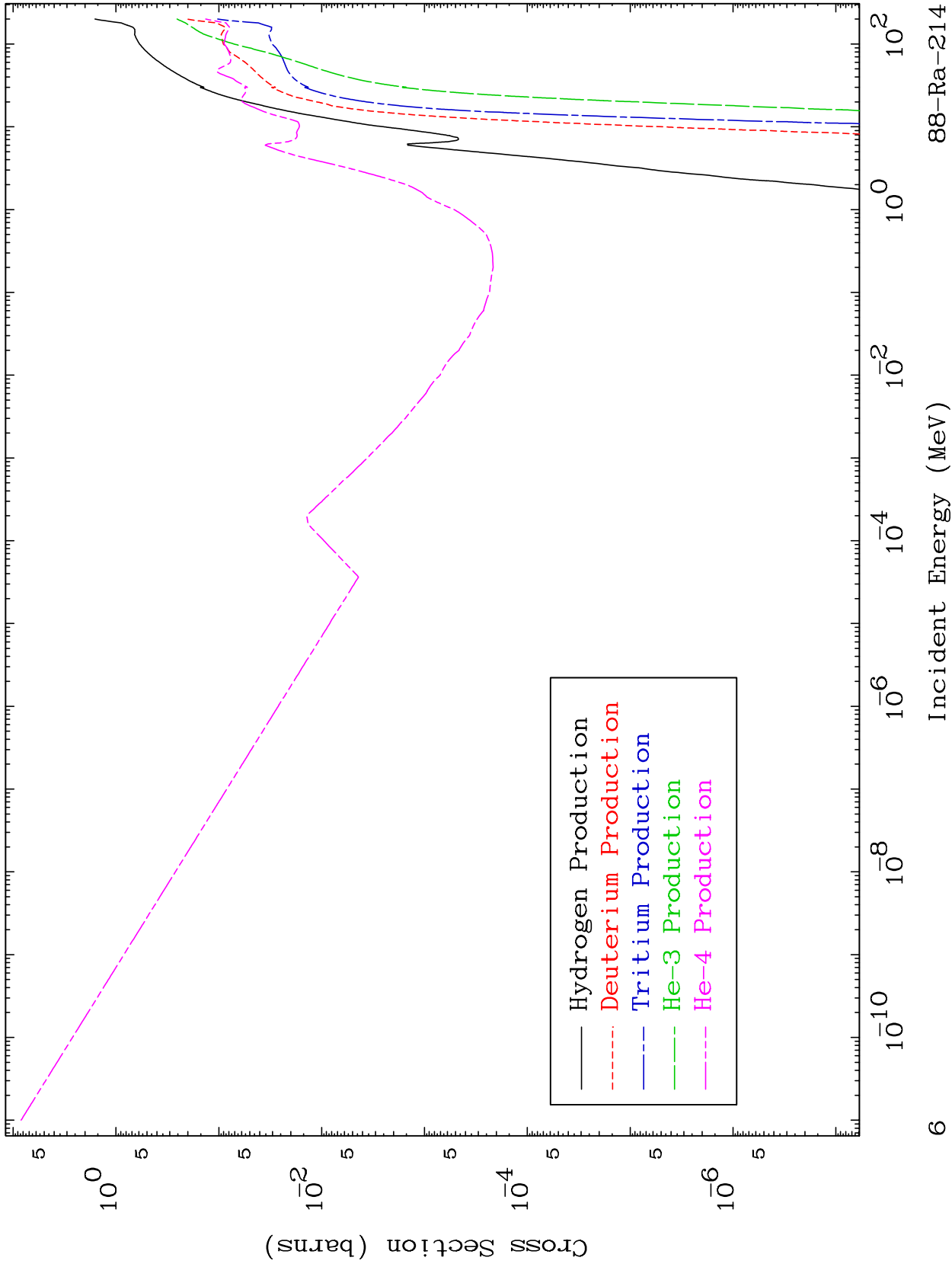
Incident Energy (MeV)

88-Ra-214

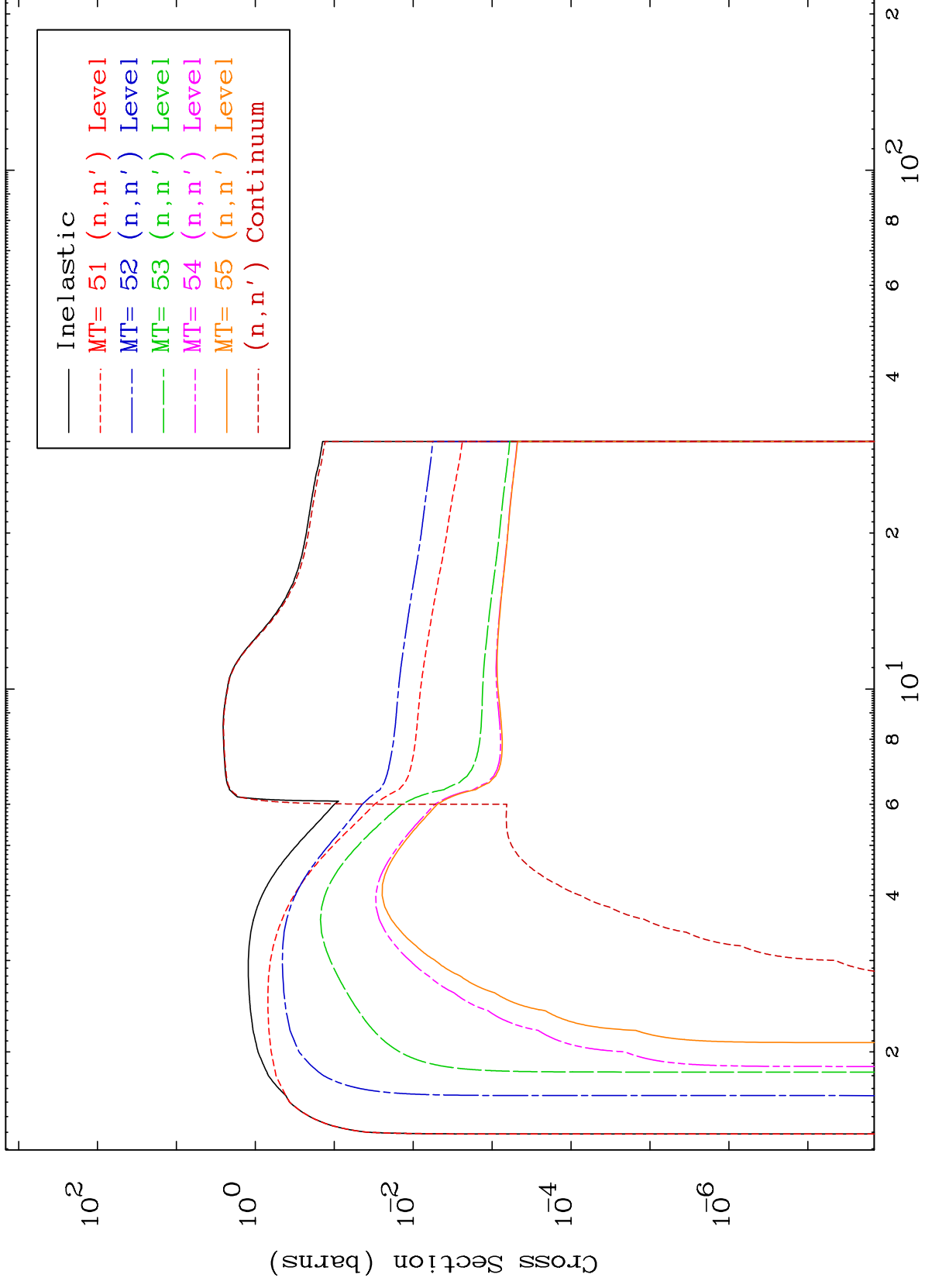
MAT 8798

Particle Production
293 Kelvin Cross Sections

88-Ra-214



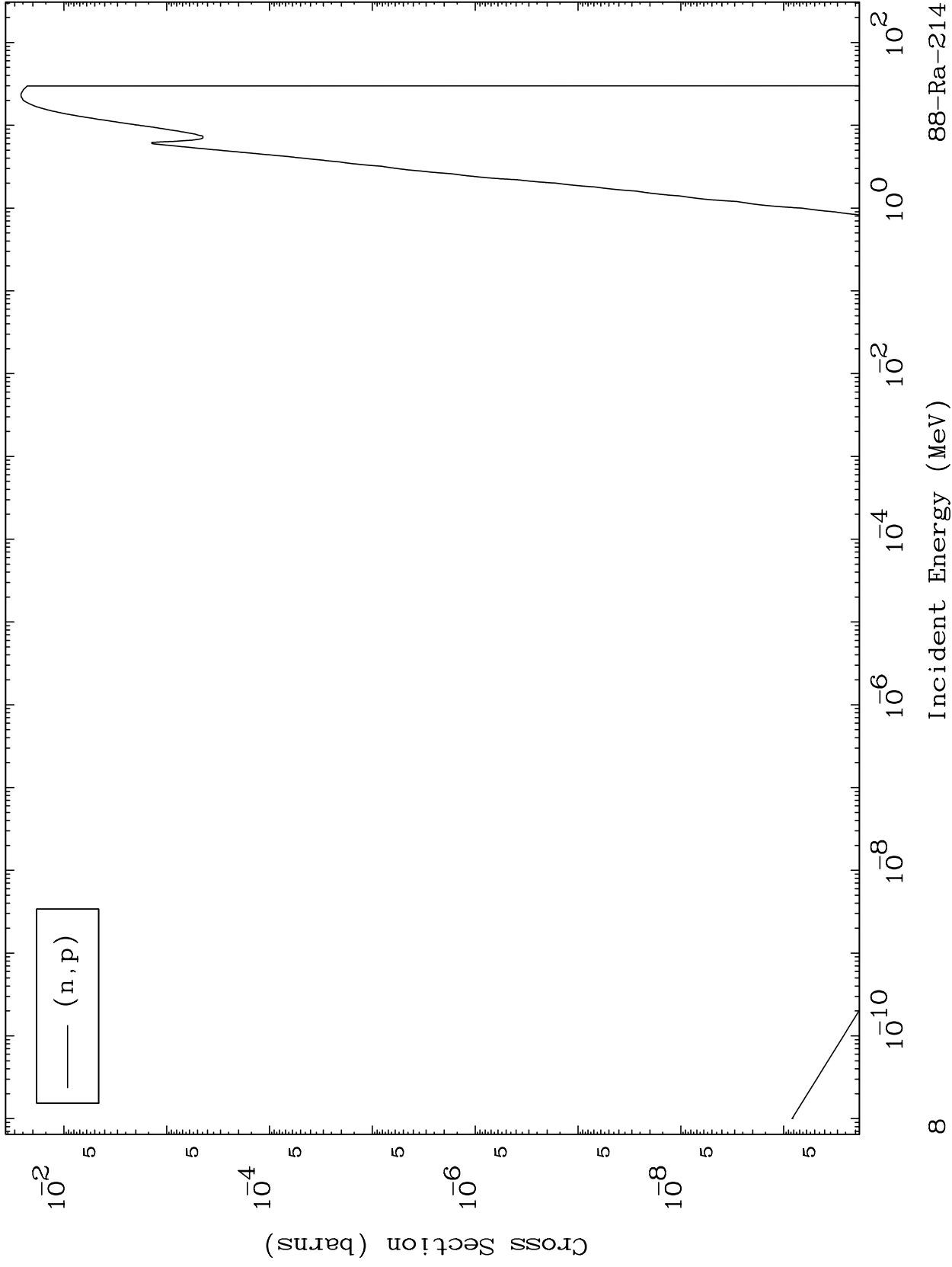
293 Kelvin Cross Sections



MAT 8798

(n,p) Levels
293 Kelvin Cross Sections

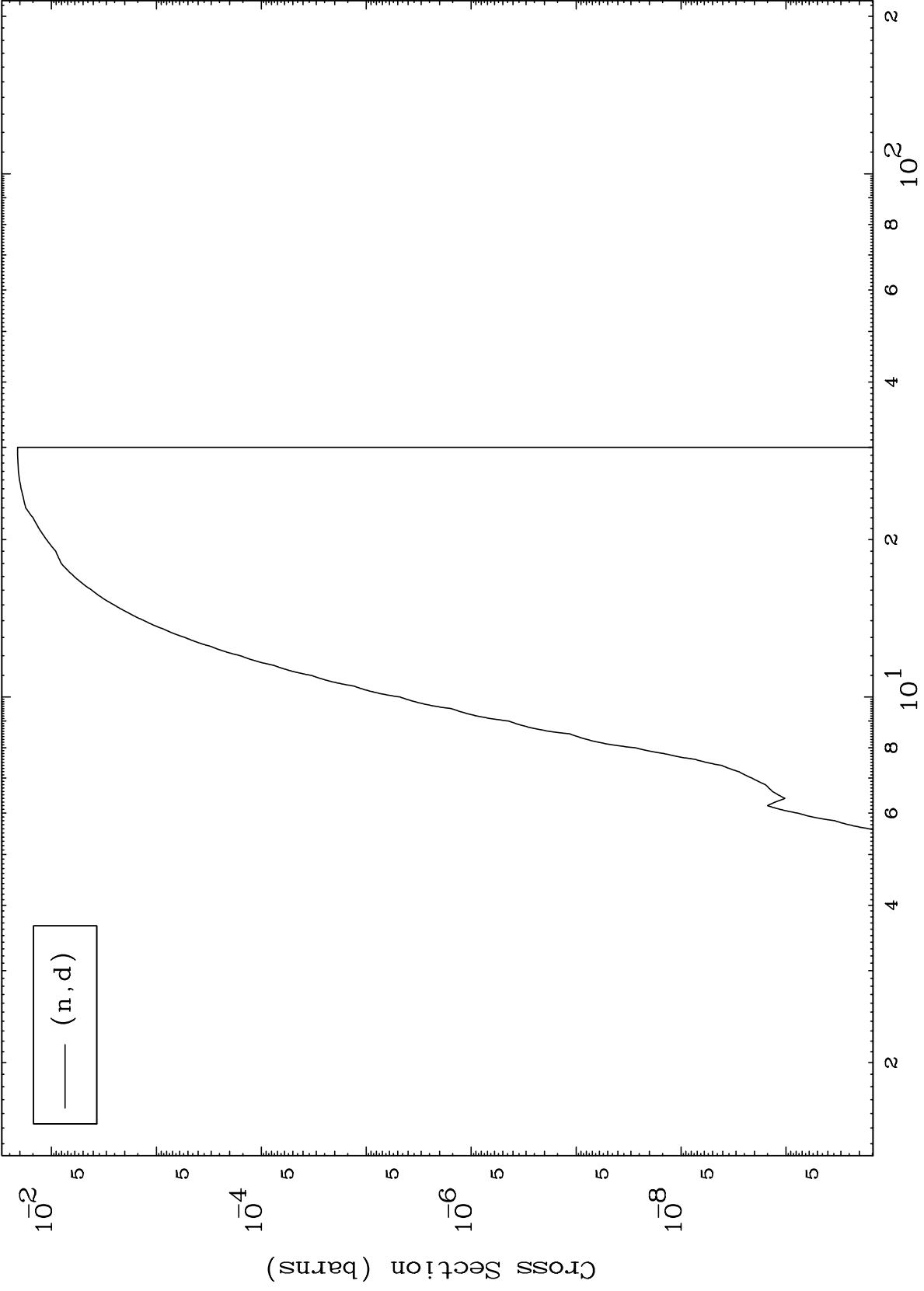
88-Ra-214



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(n,d) Levels
293 Kelvin Cross Sections

88-Ra-214



9

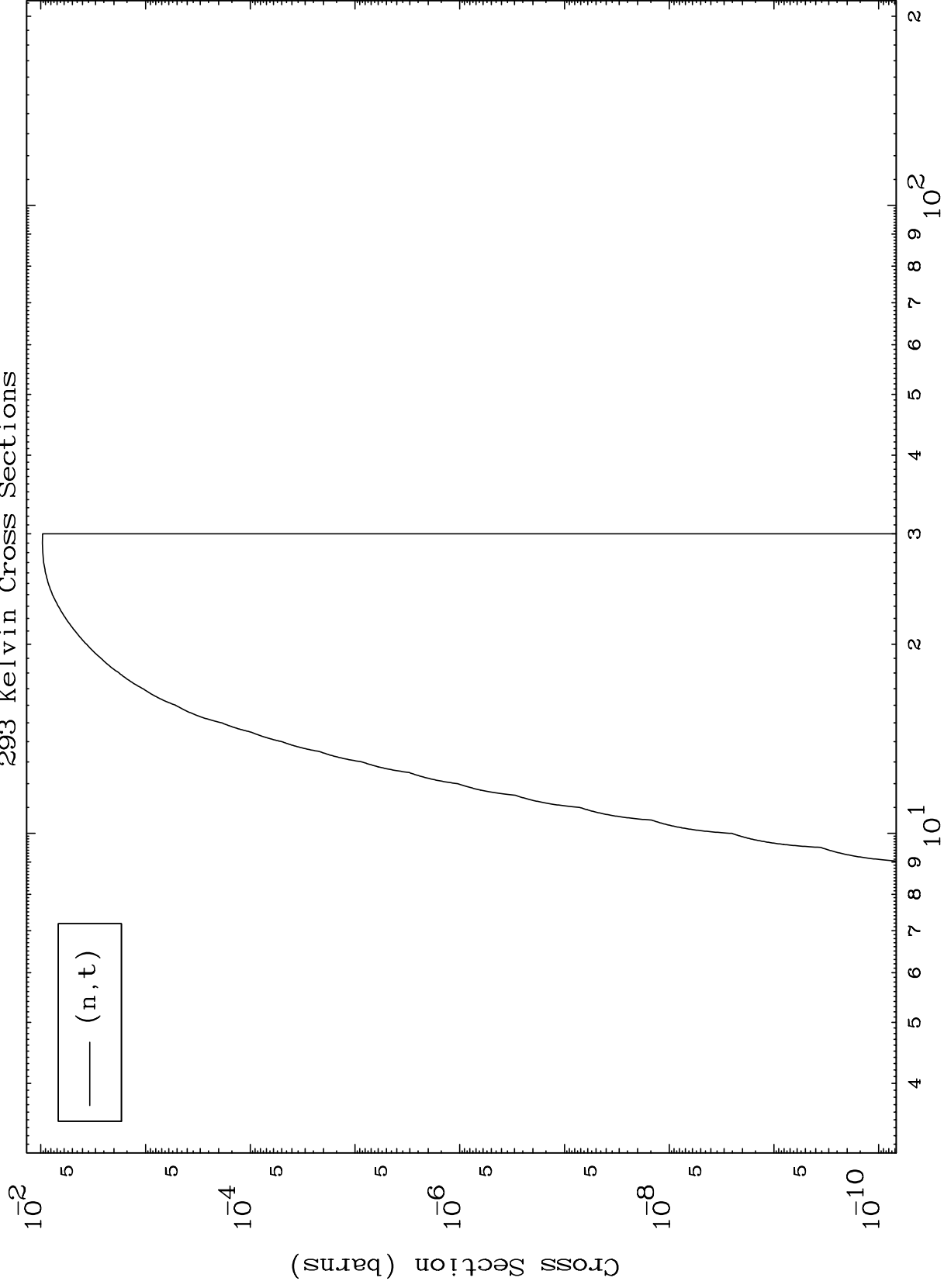
Incident Energy (MeV)

88-Ra-214

MAT 8798

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-214



10

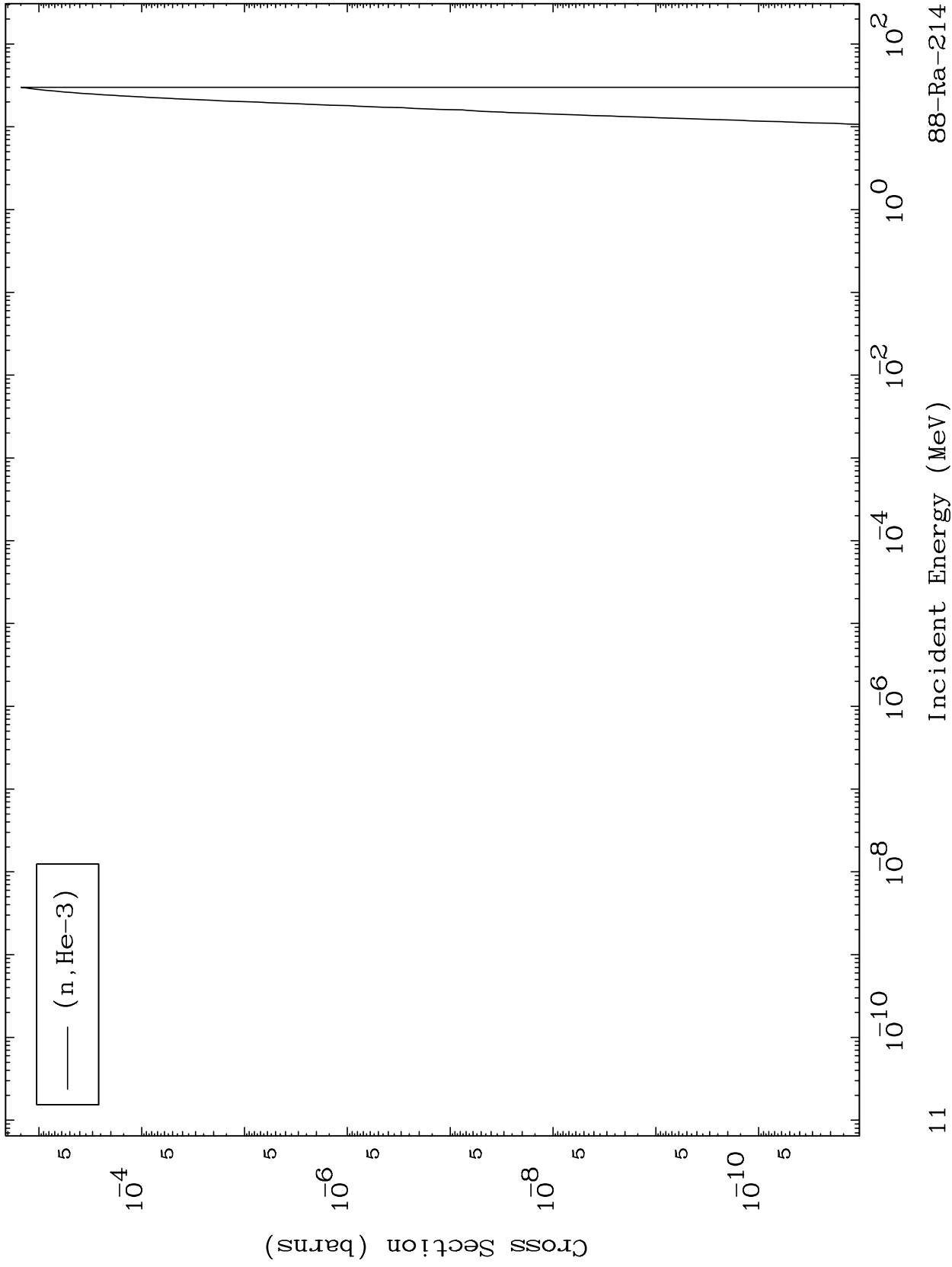
Incident Energy (MeV)

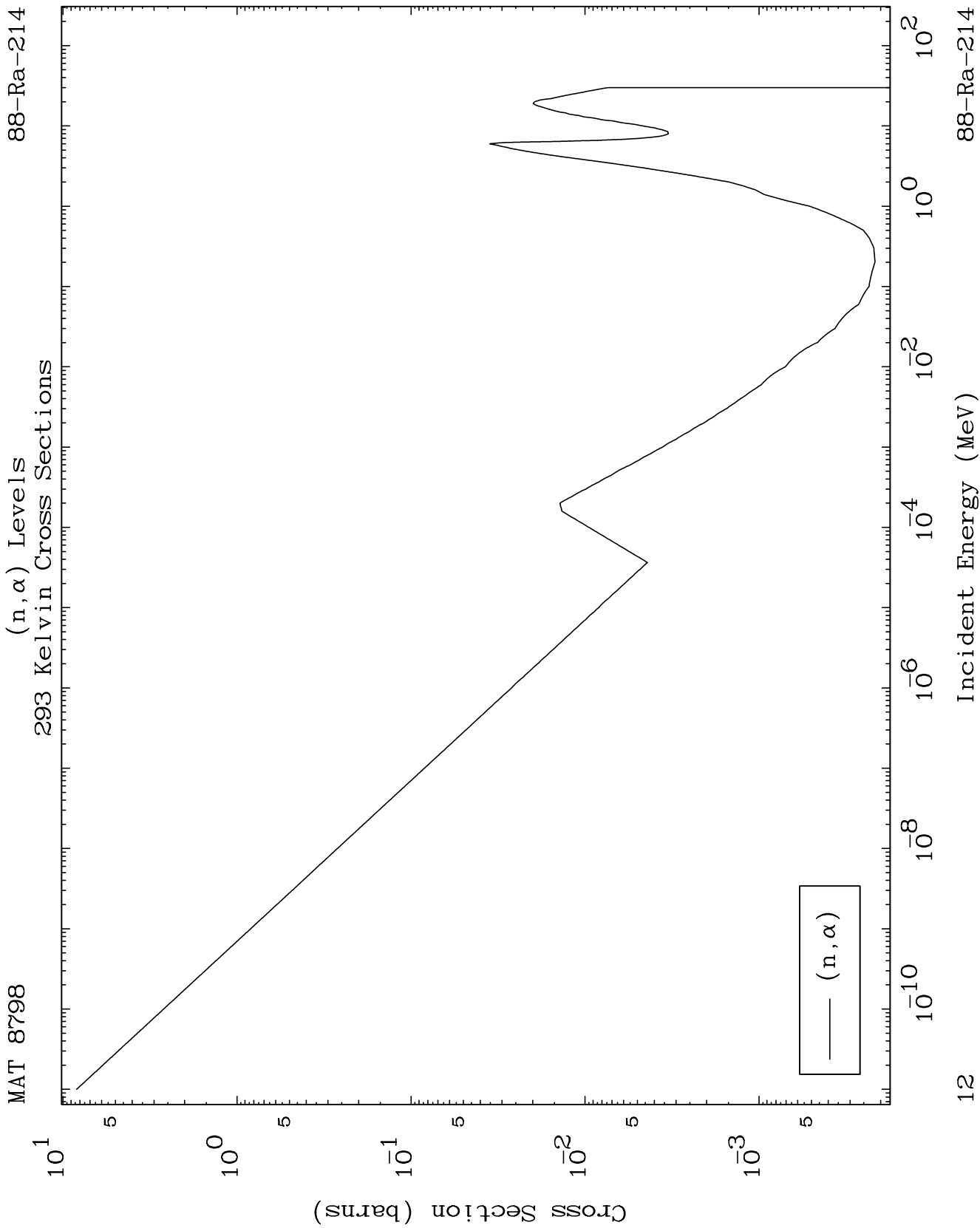
88-Ra-214

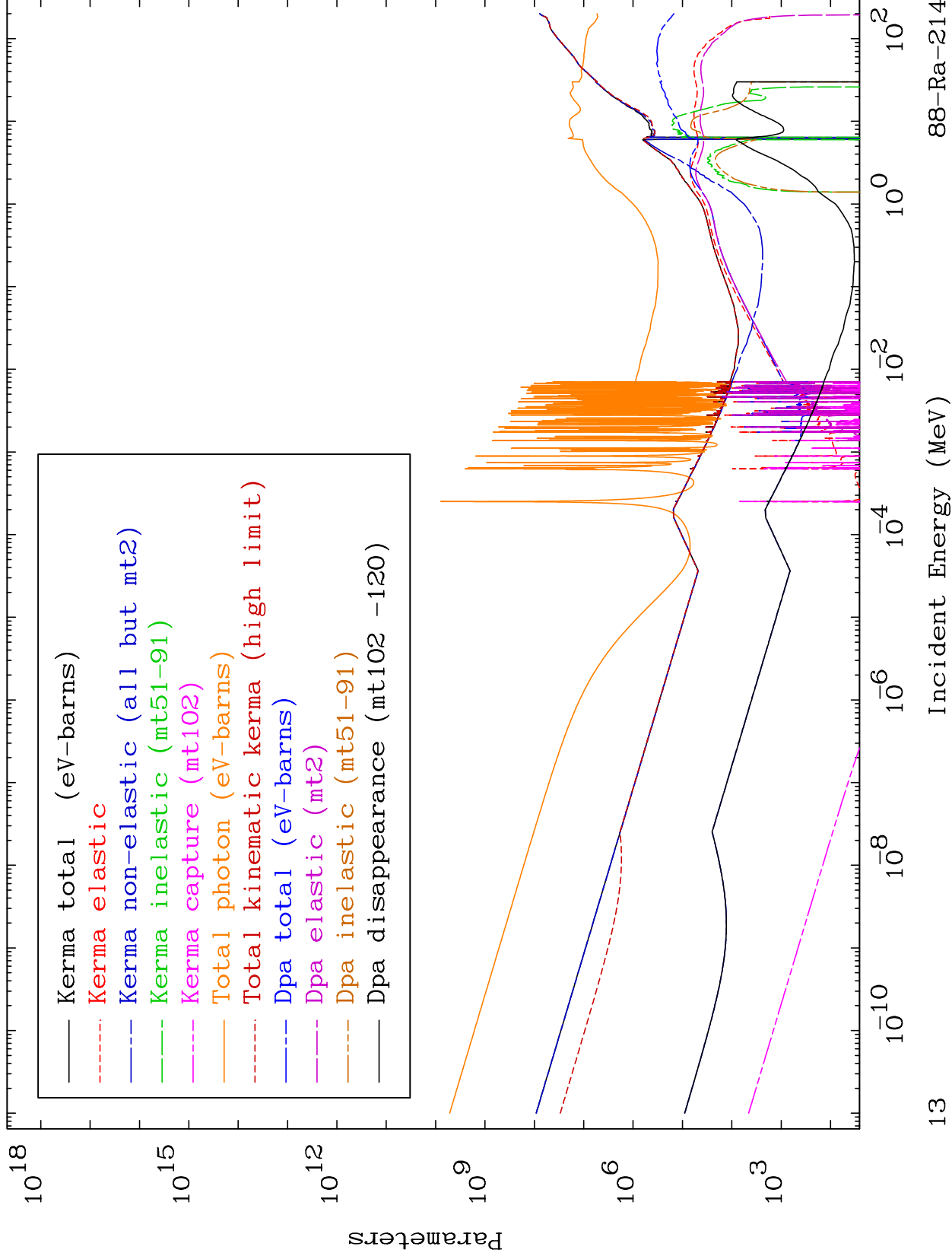
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(n,He3) Levels
293 Kelvin Cross Sections

88-Ra-214



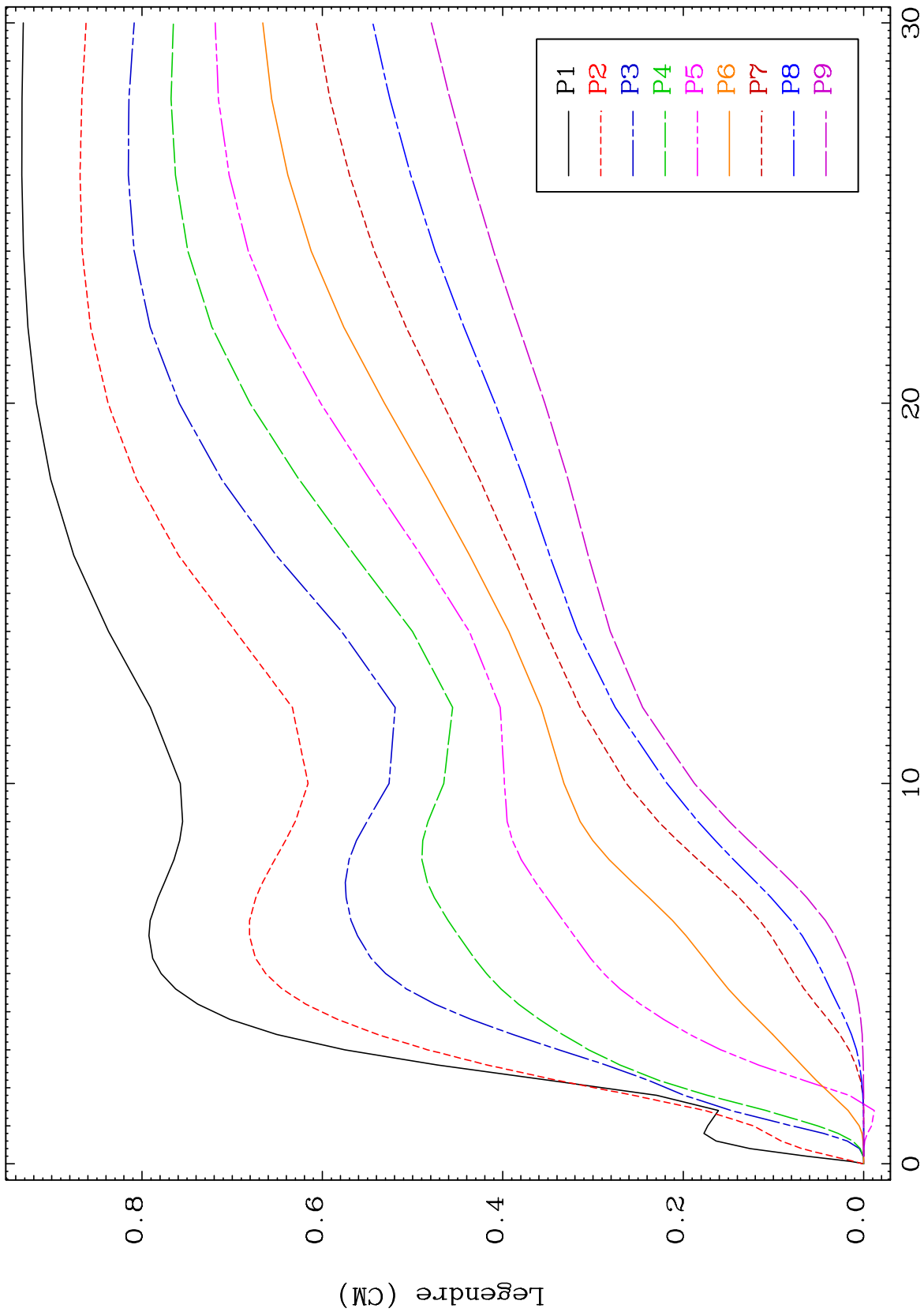




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88-Ra-214

Elastic Legendre Coefficients



88-Ra-214

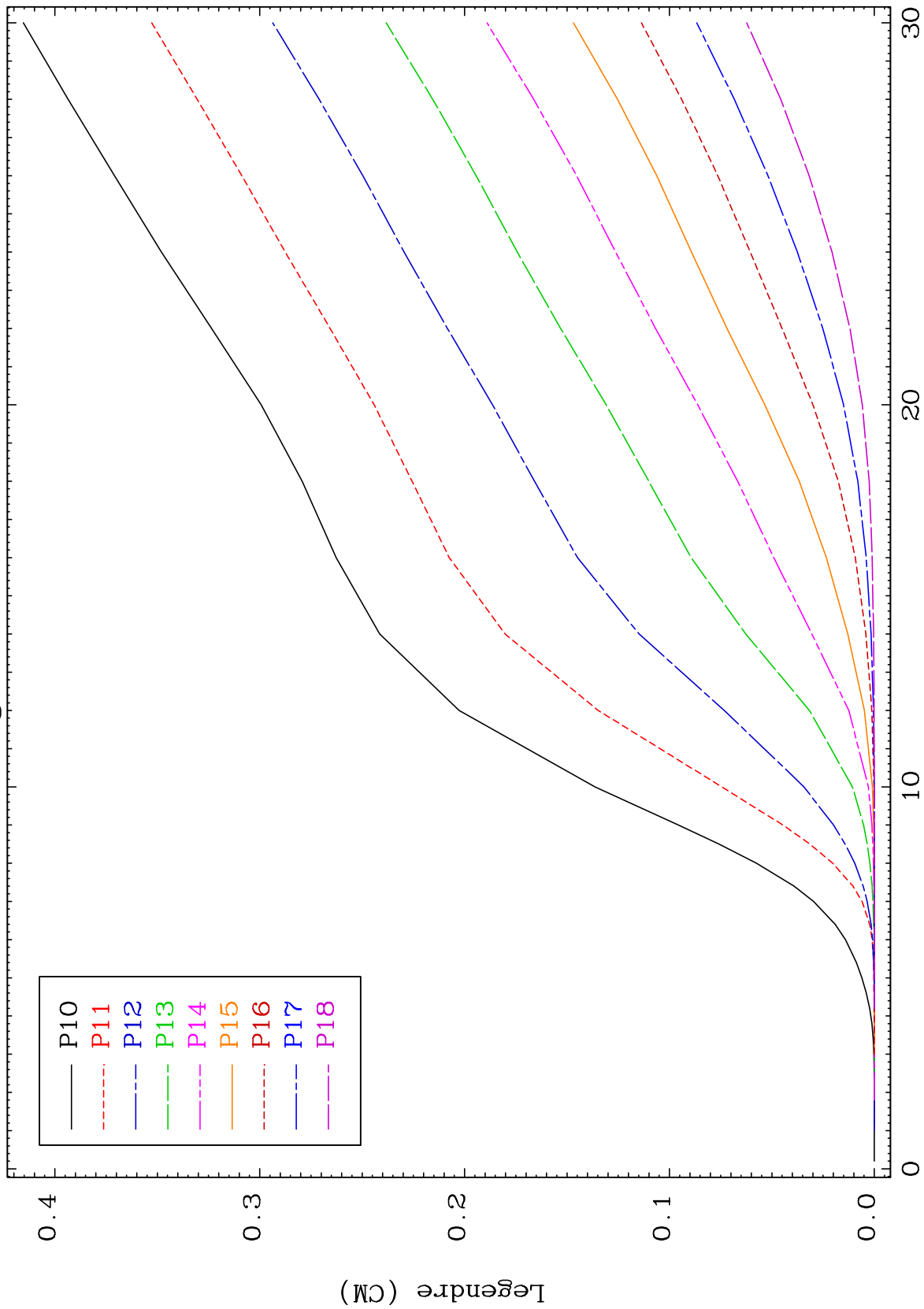
Incident Energy (MeV)

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MAT 8798

Elastic Legendre Coefficients

88-Ra-214



15

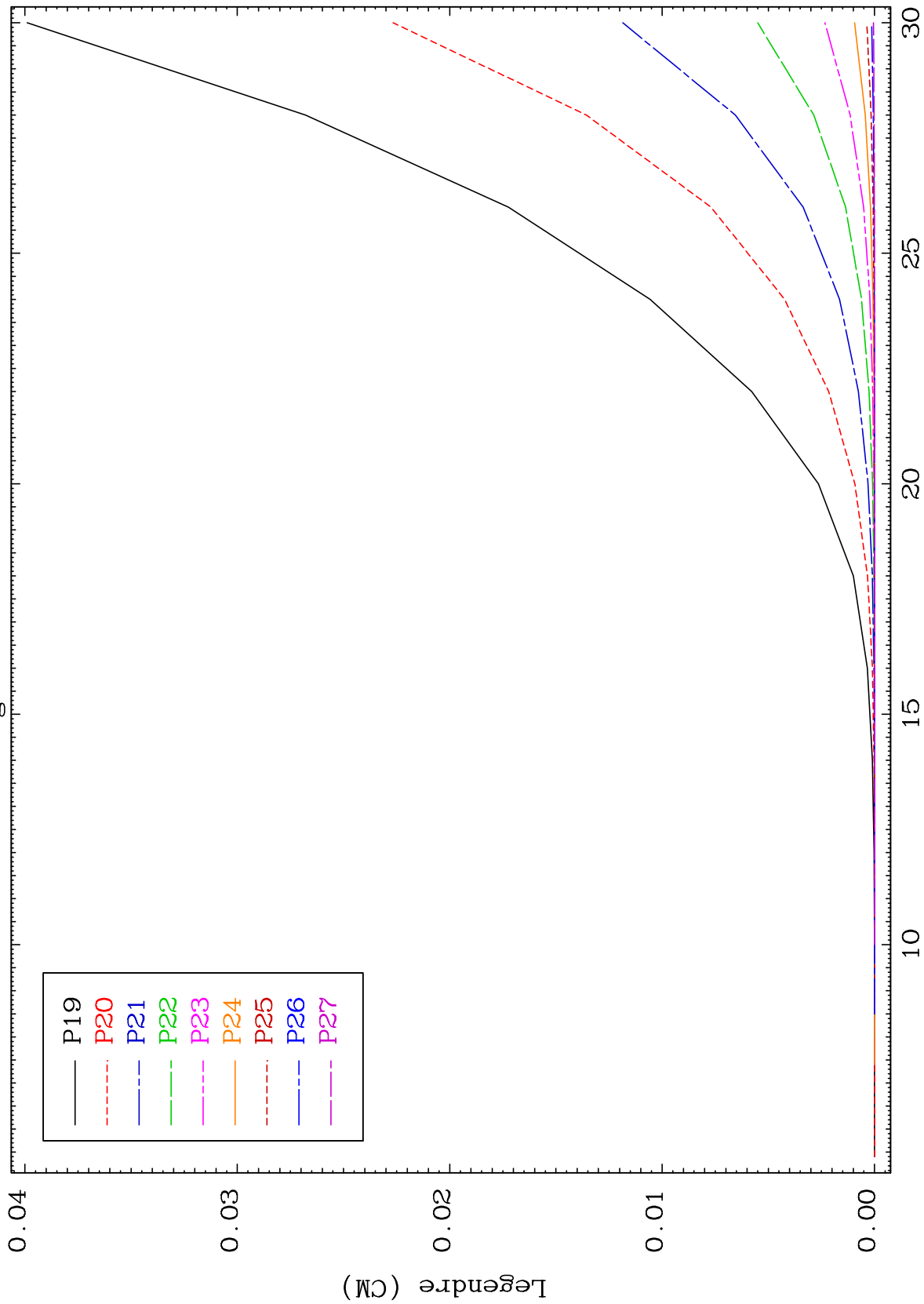
Incident Energy (MeV)

88-Ra-214

MAT 8798

Elastic Legendre Coefficients

88-Ra-214



16

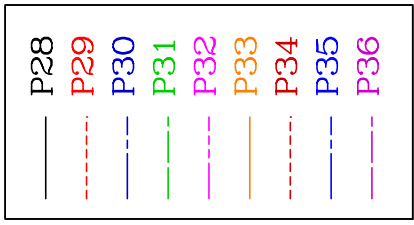
Incident Energy (MeV)

88-Ra-214

MAT 8798

Elastic Legendre Coefficients

88-Ra-214



$\times 10^{-5}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

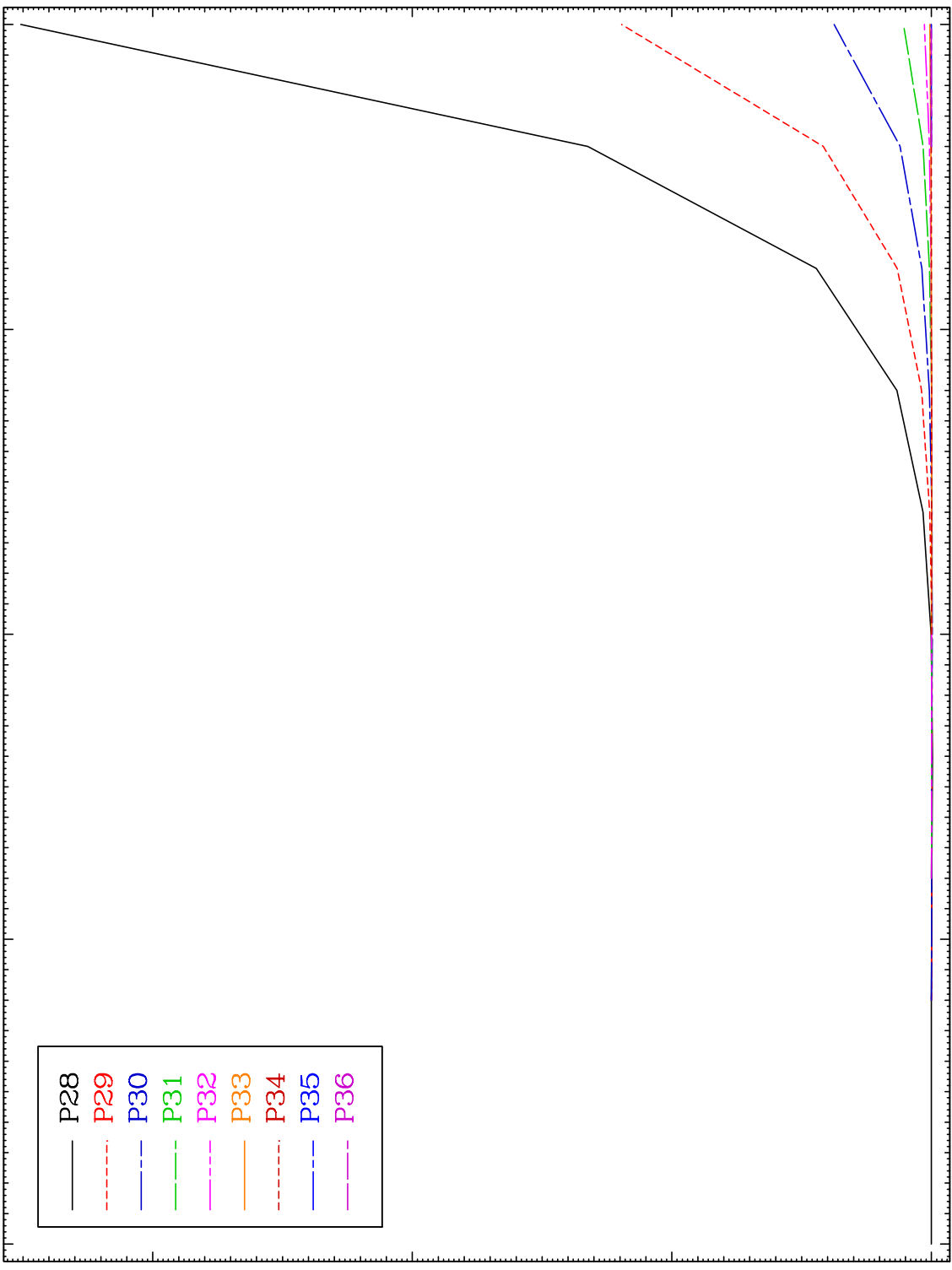
25

30

17

Incident Energy (MeV)

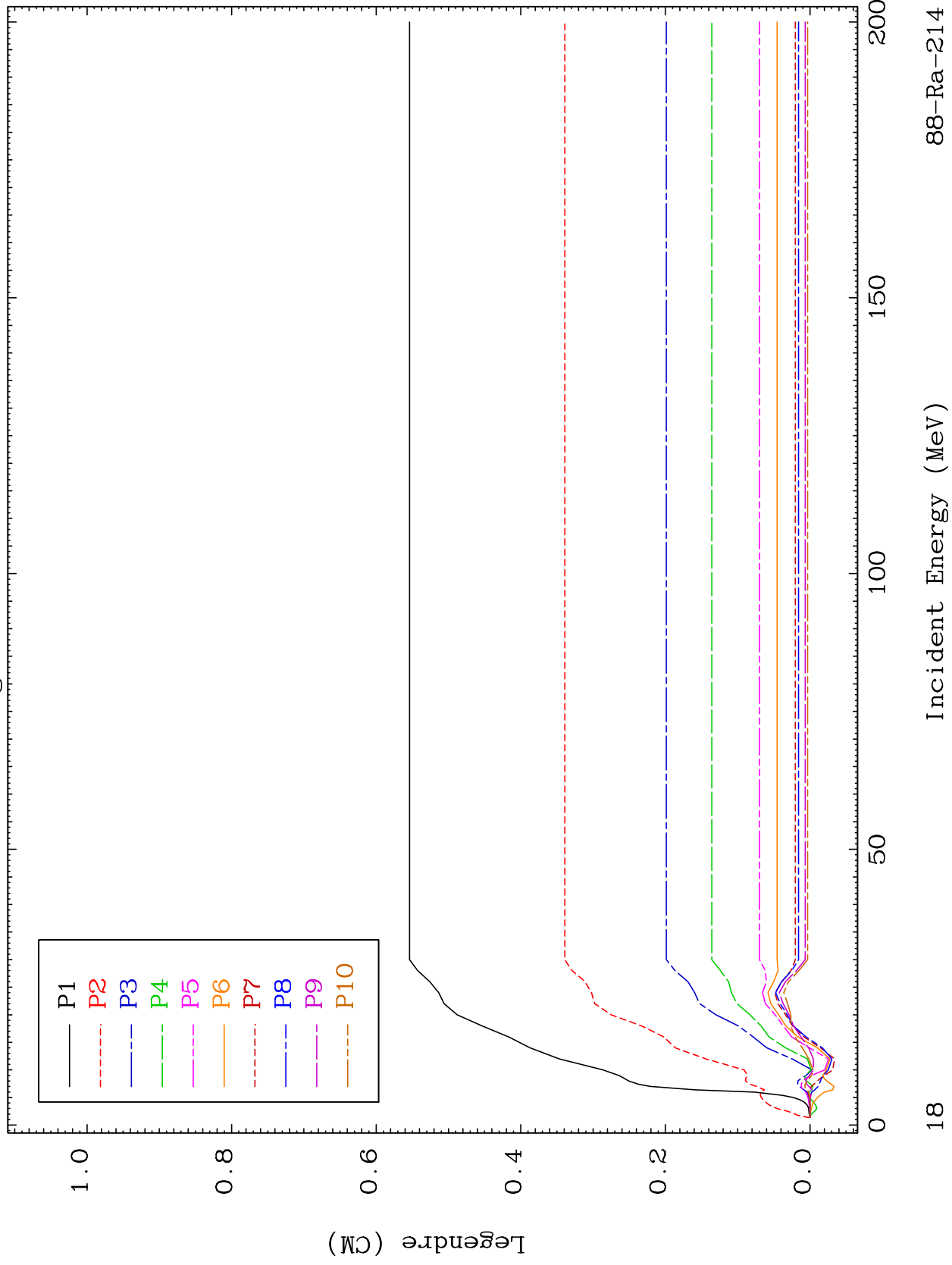
88-Ra-214



MAT 8798

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

88-Ra-214



18

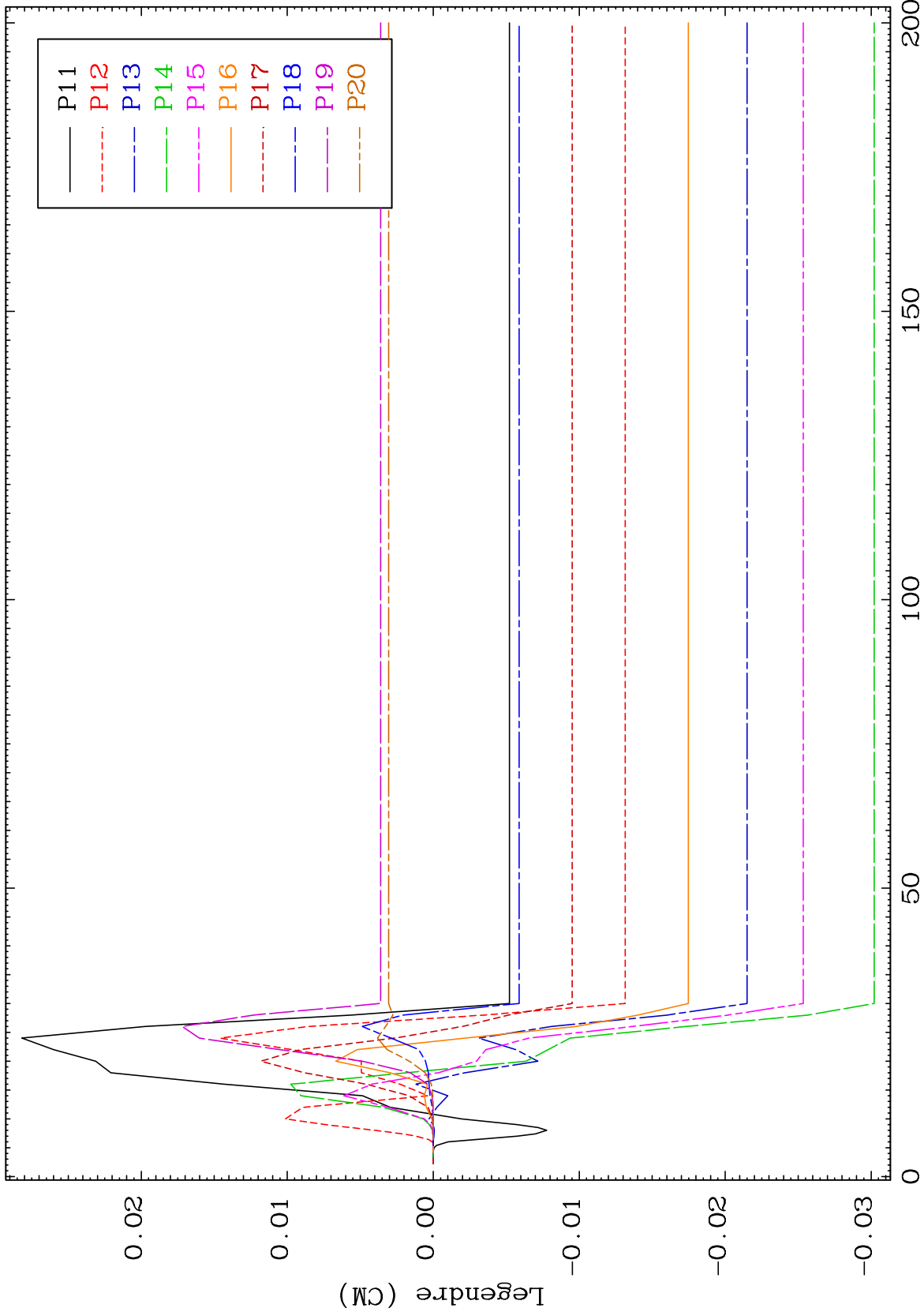
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214



19

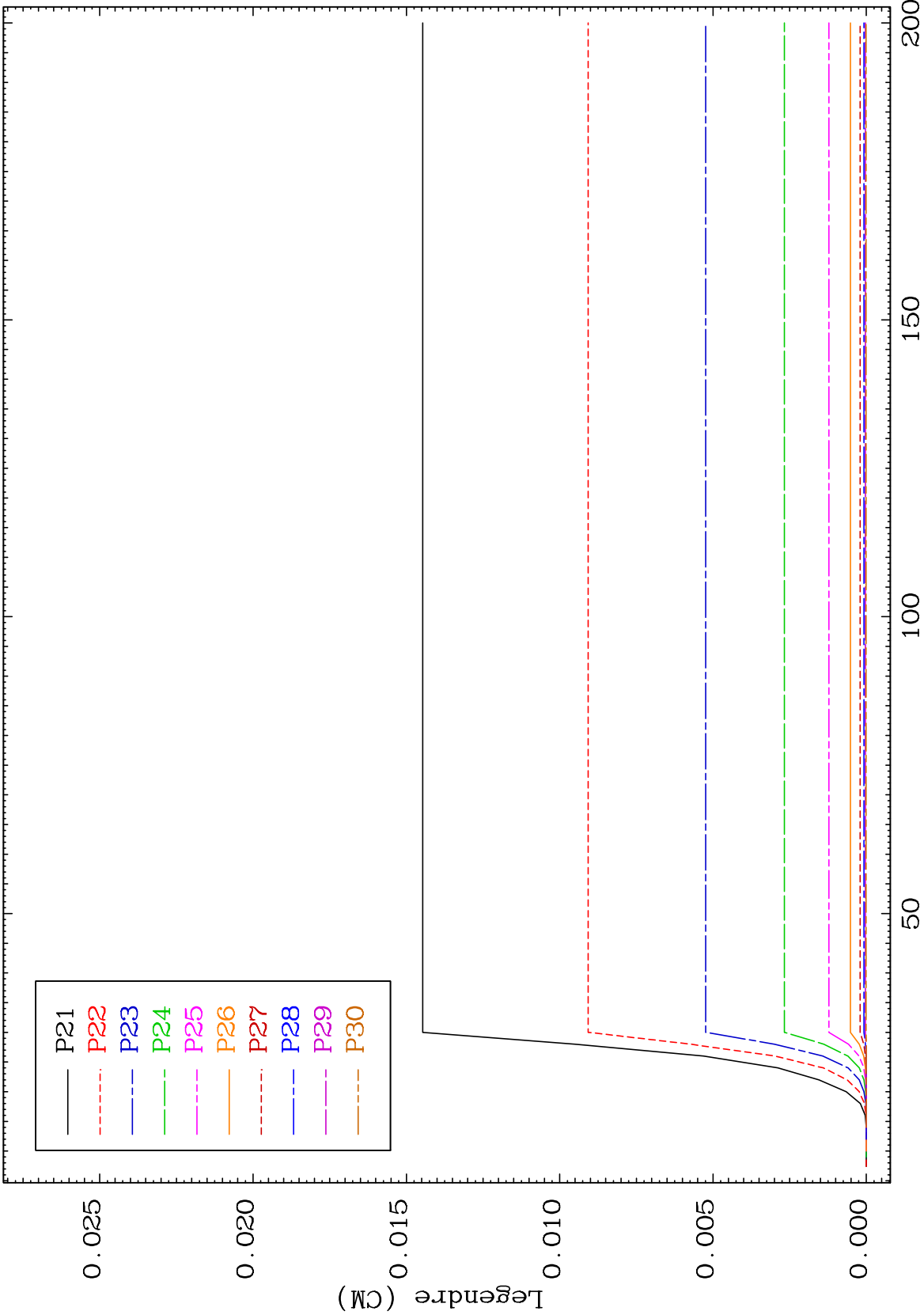
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214



20

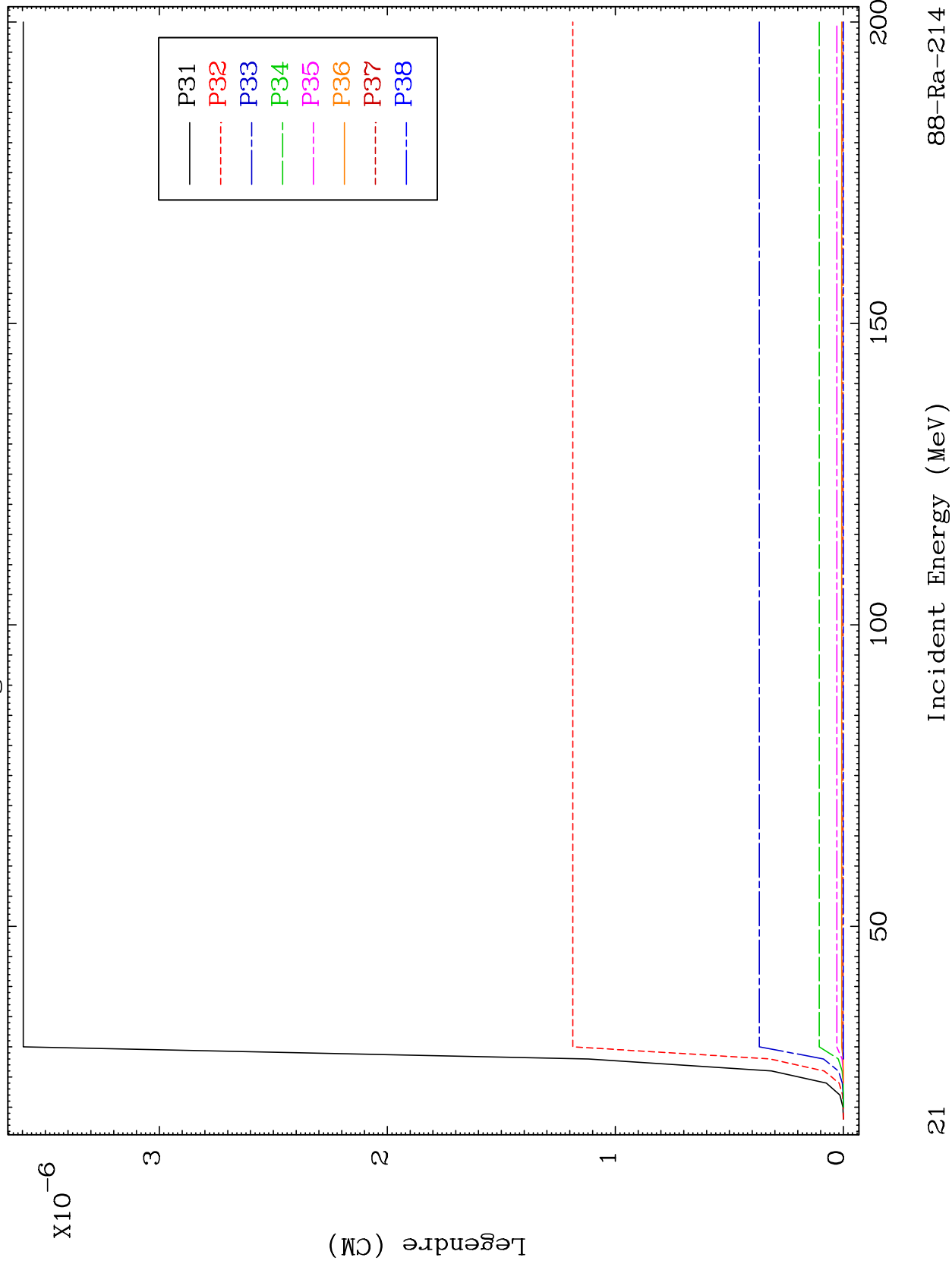
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214



21

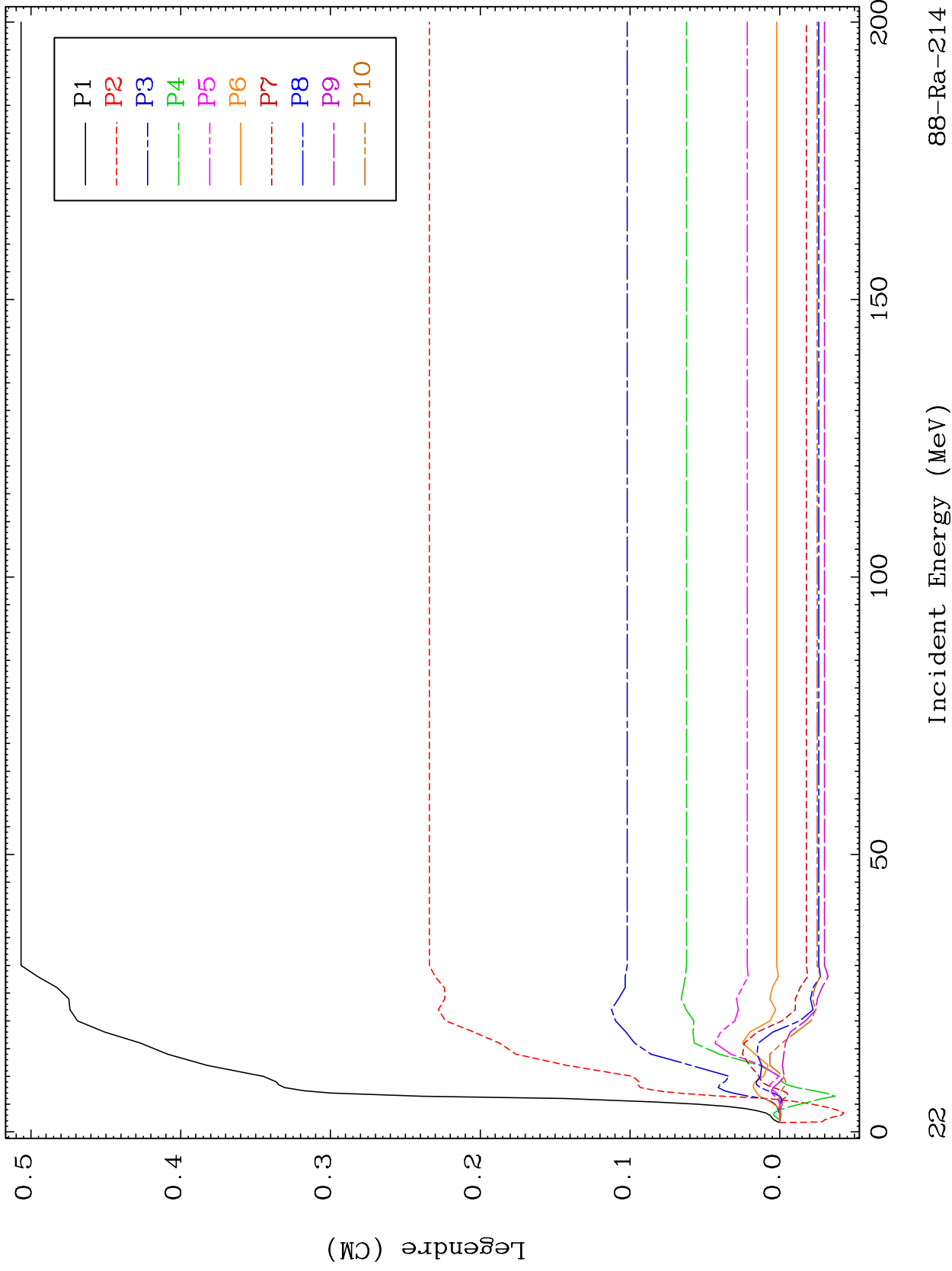
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214



88-Ra-214

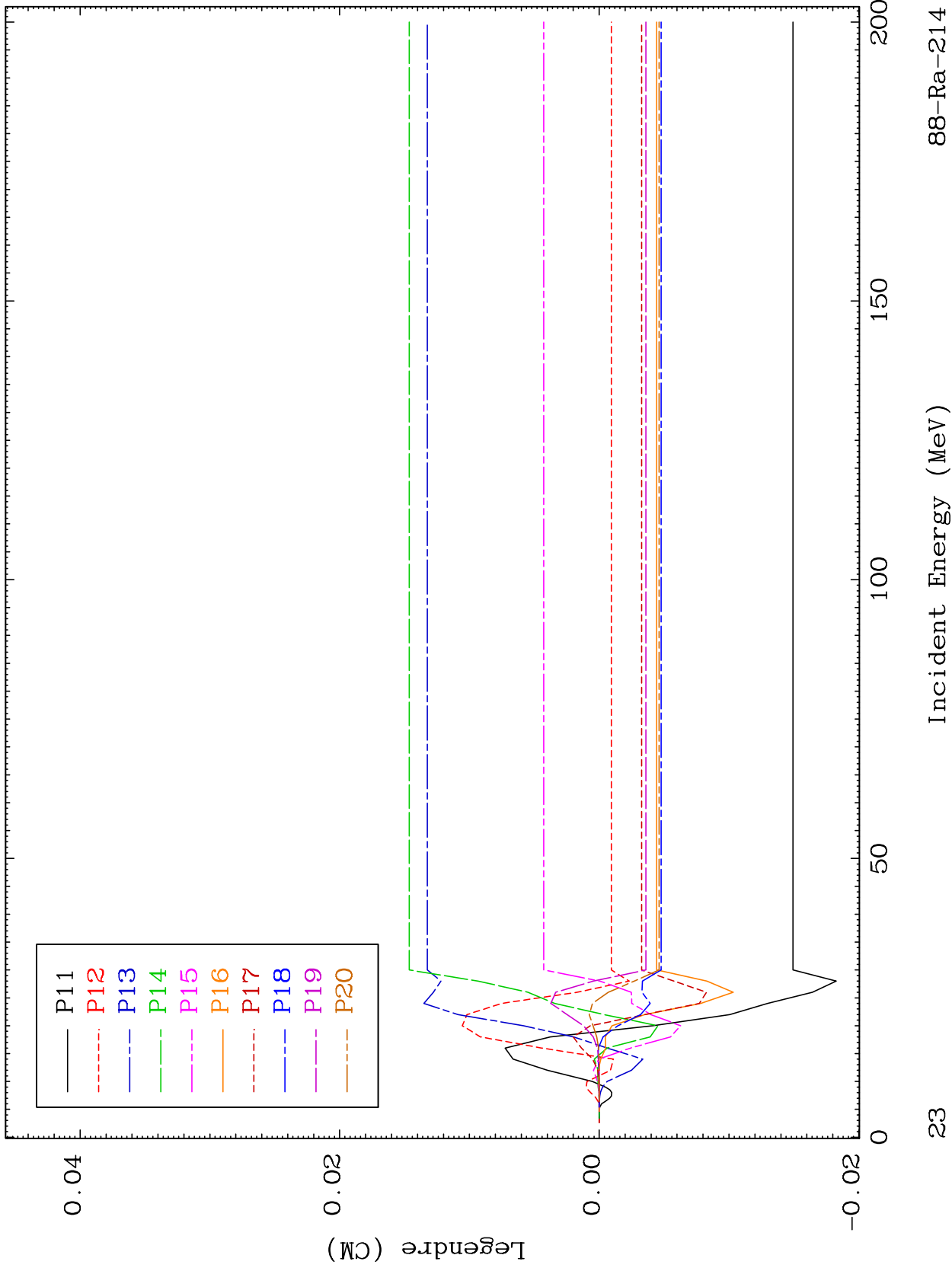
Incident Energy (MeV)

22

MAT 8798

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

88-Ra-214



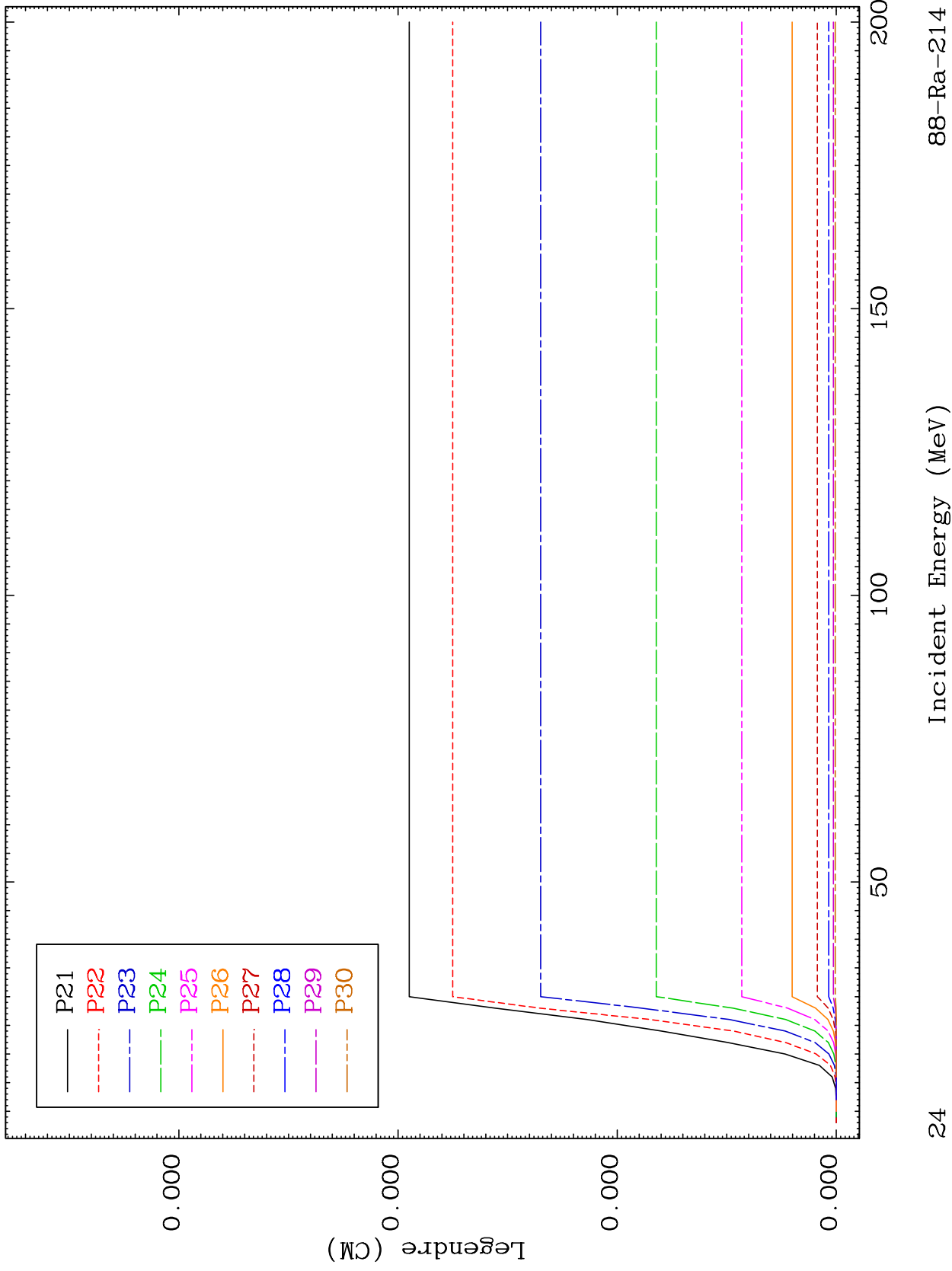
23

88-Ra-214

MAT 8798

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

88-Ra-214

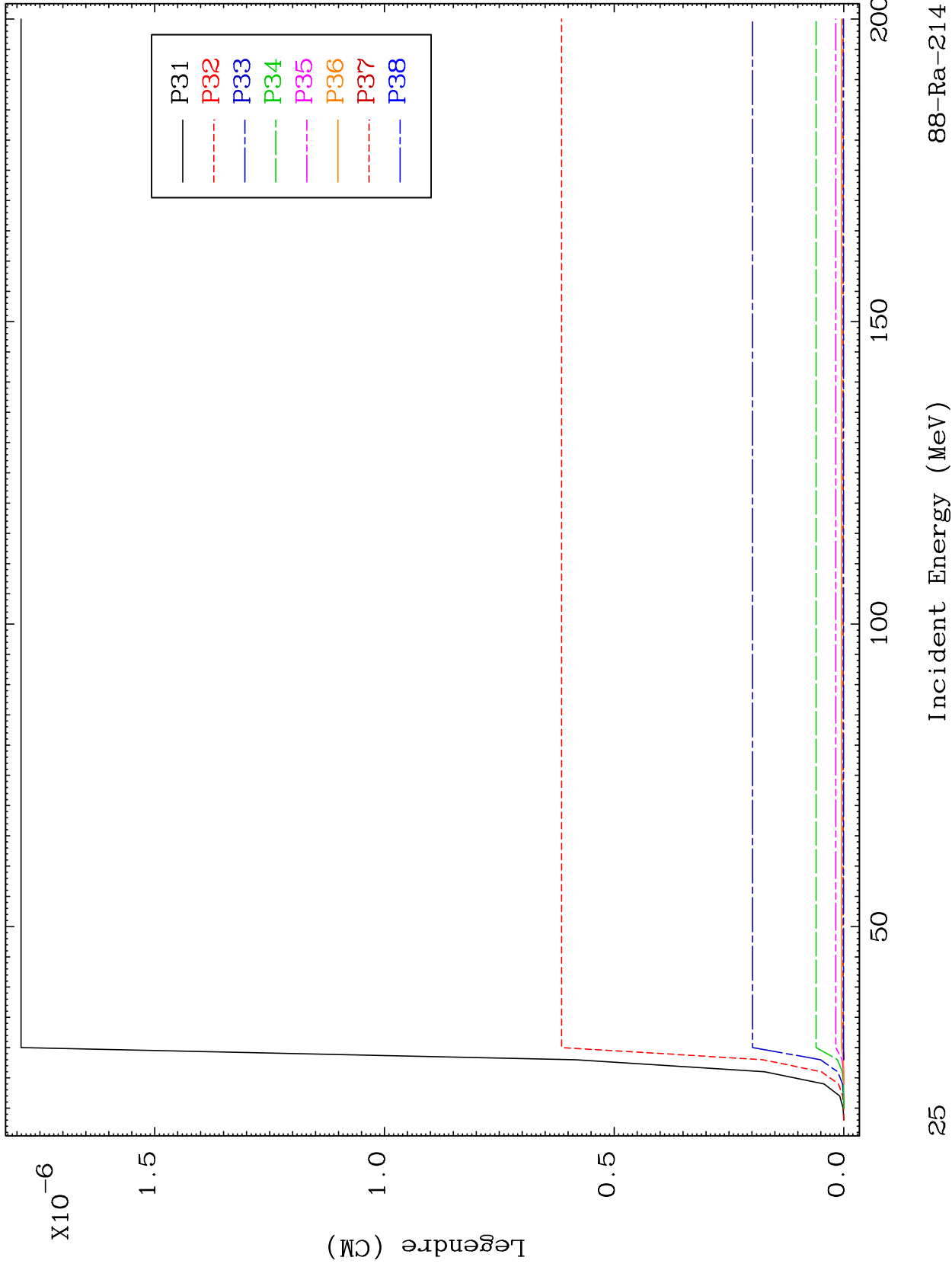


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MAT 8798

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

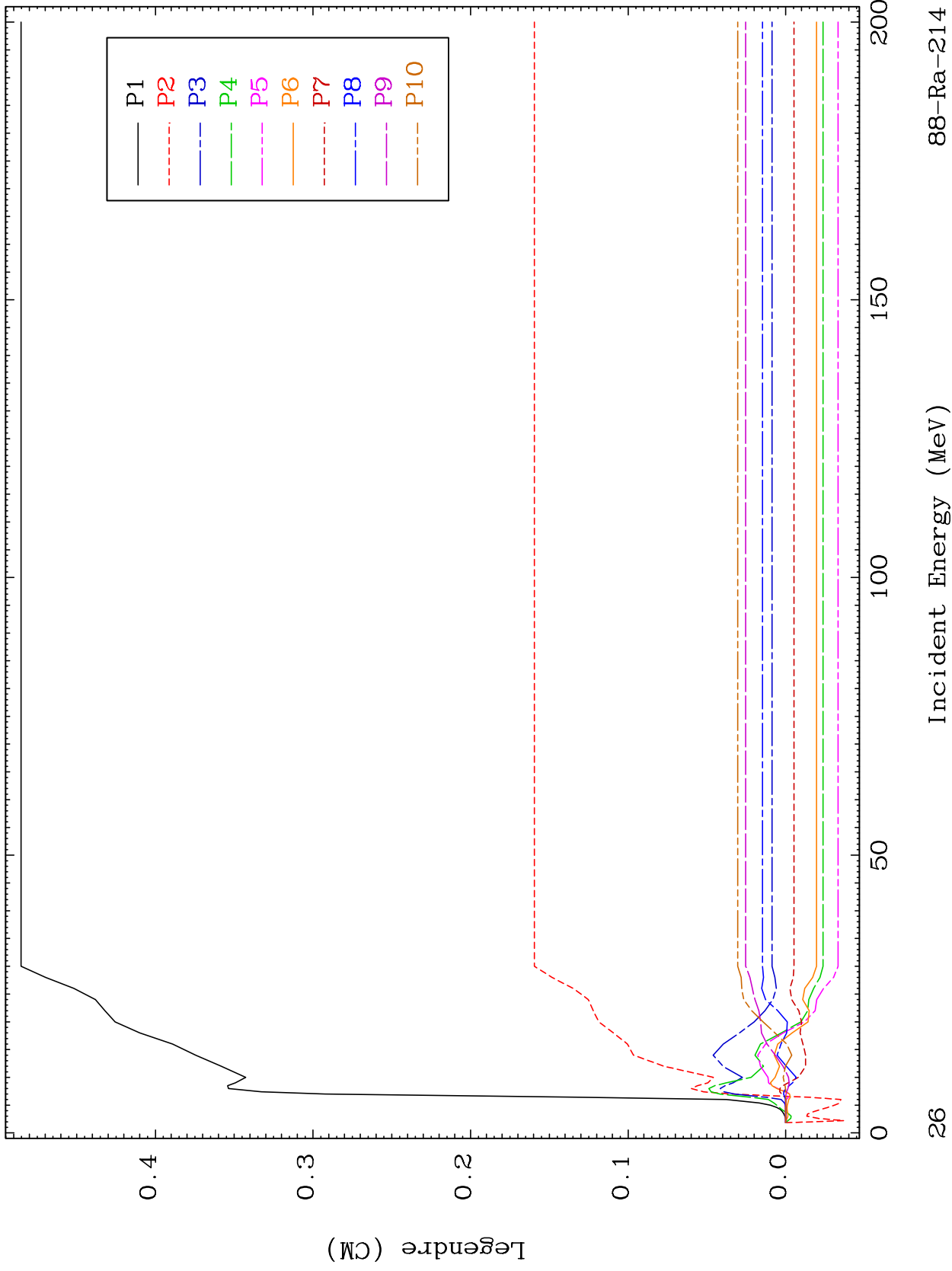
88-Ra-214



MAT 8798

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

88-Ra-214



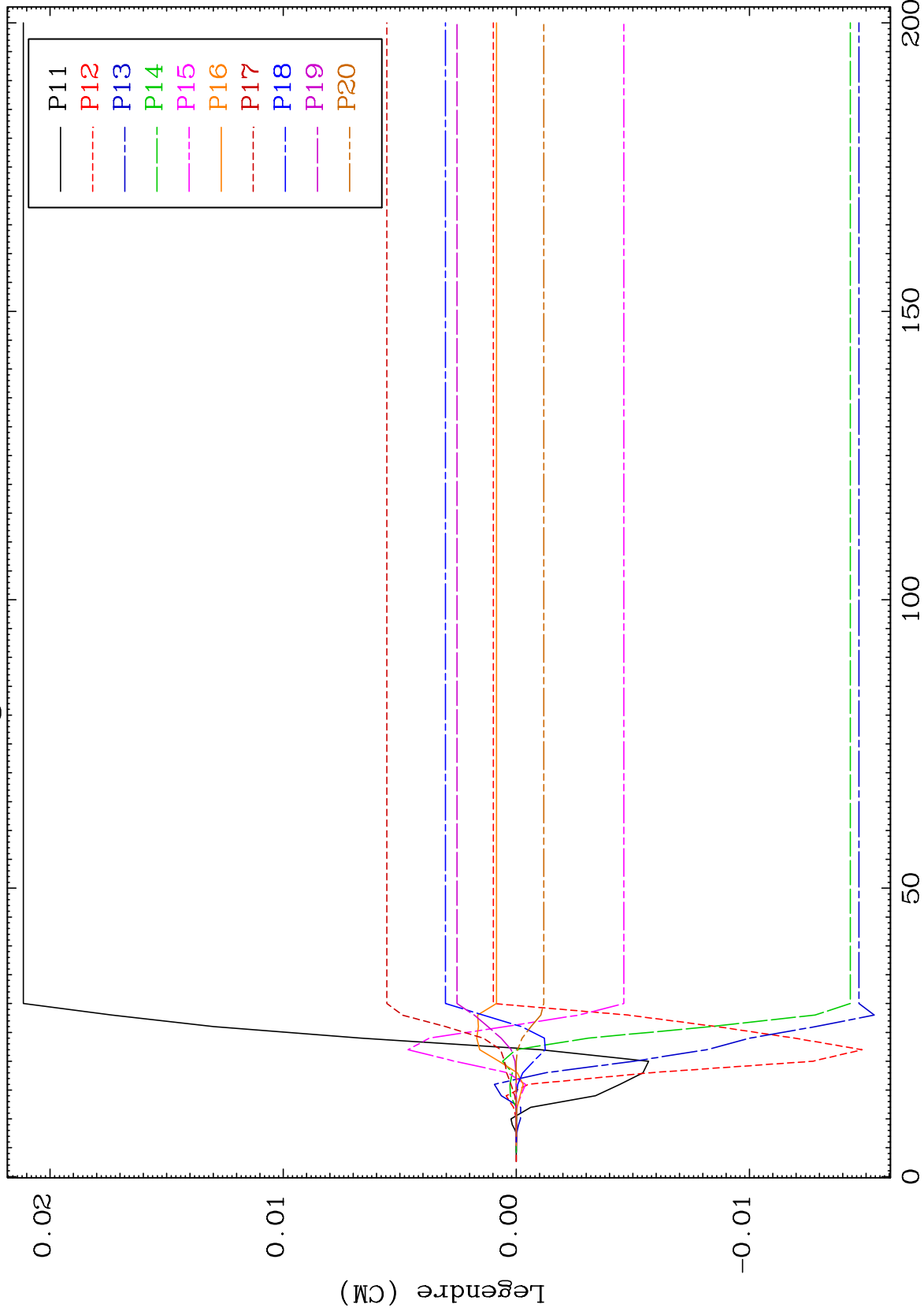
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MAT 8798

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

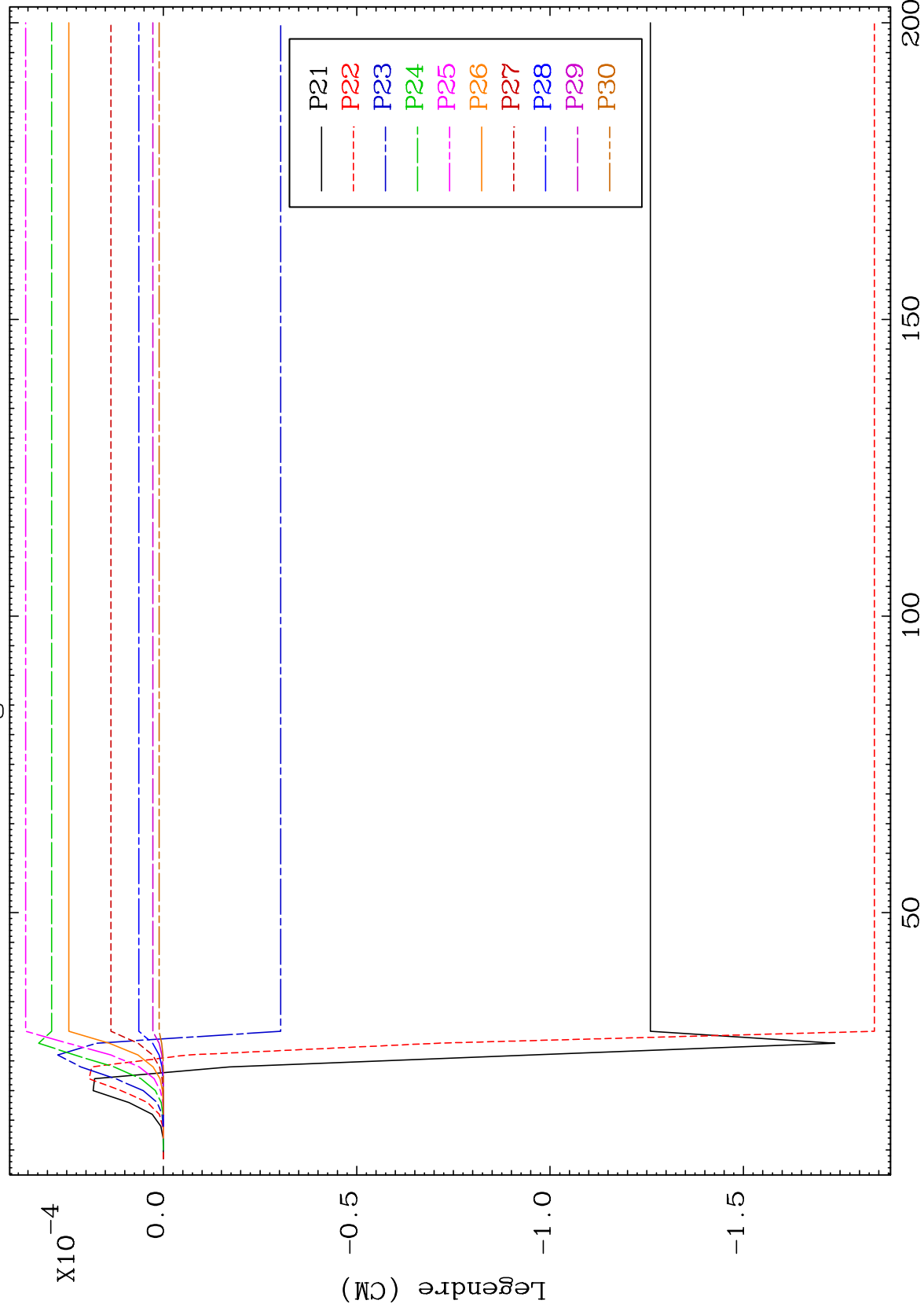
88-Ra-214



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Incident Energy (MeV)

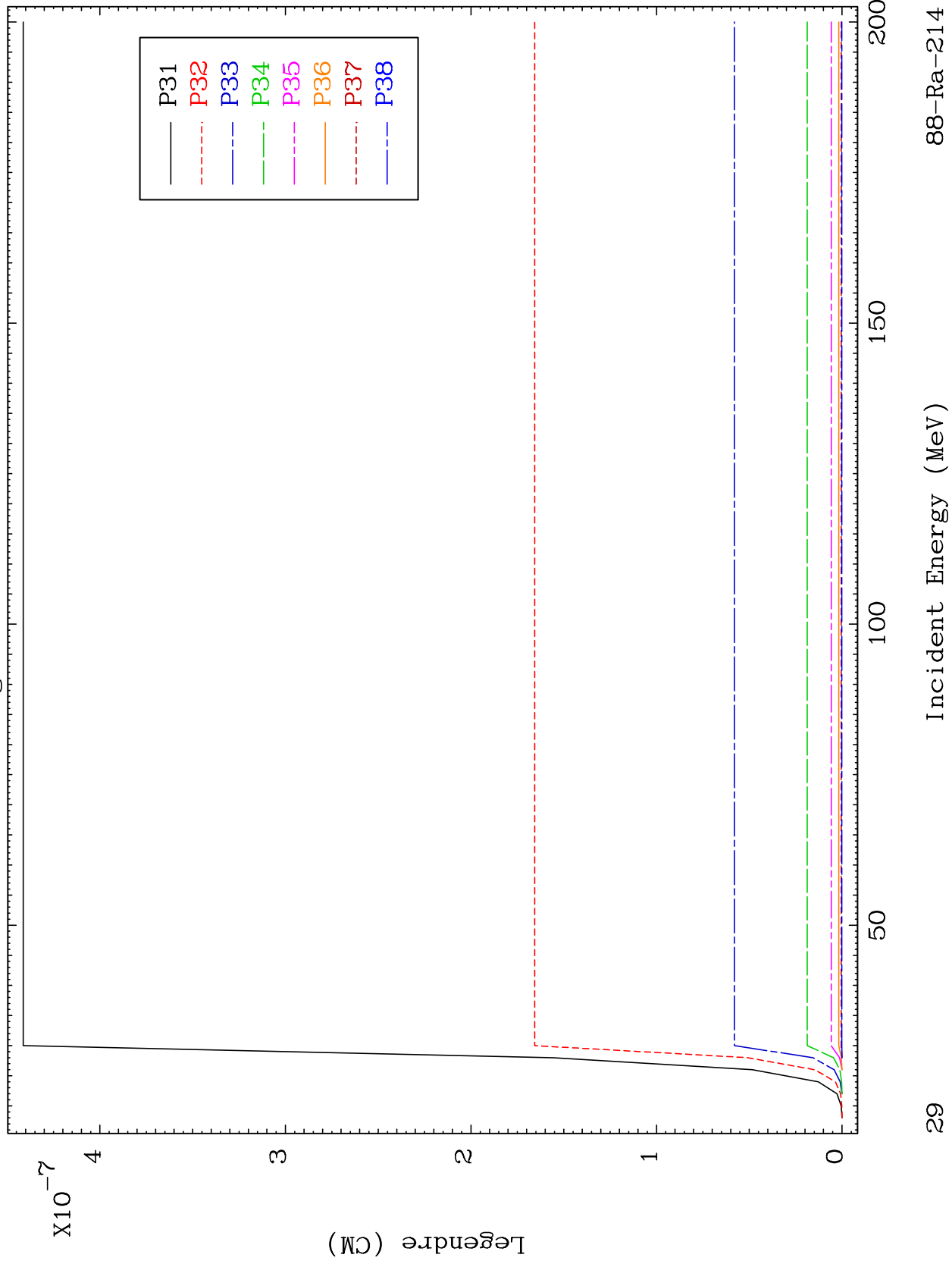
88-Ra-214



MAT 8798

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

88-Ra-214



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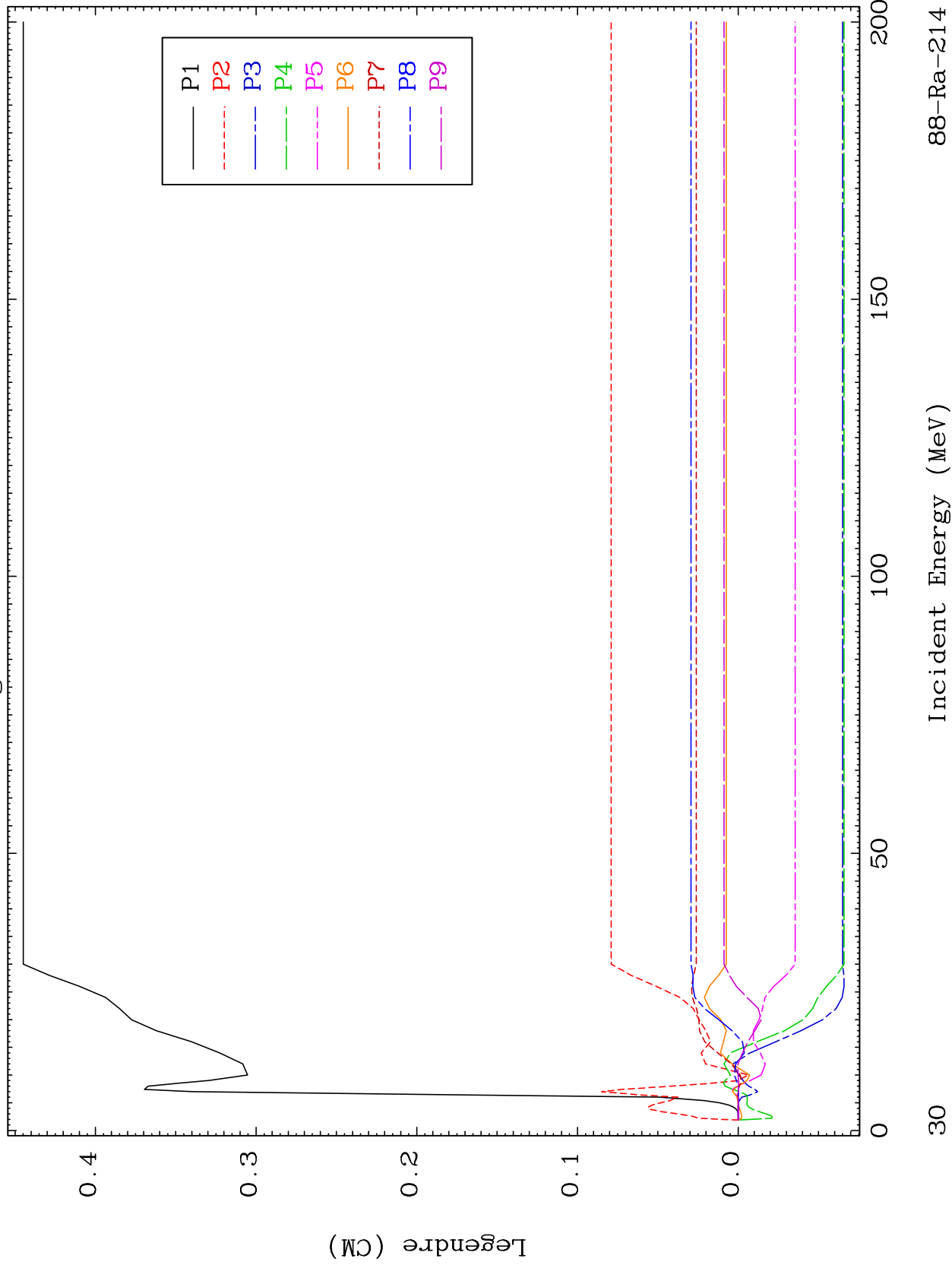
Incident Energy (MeV)

88-Ra-214

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

88-Ra-214



88-Ra-214

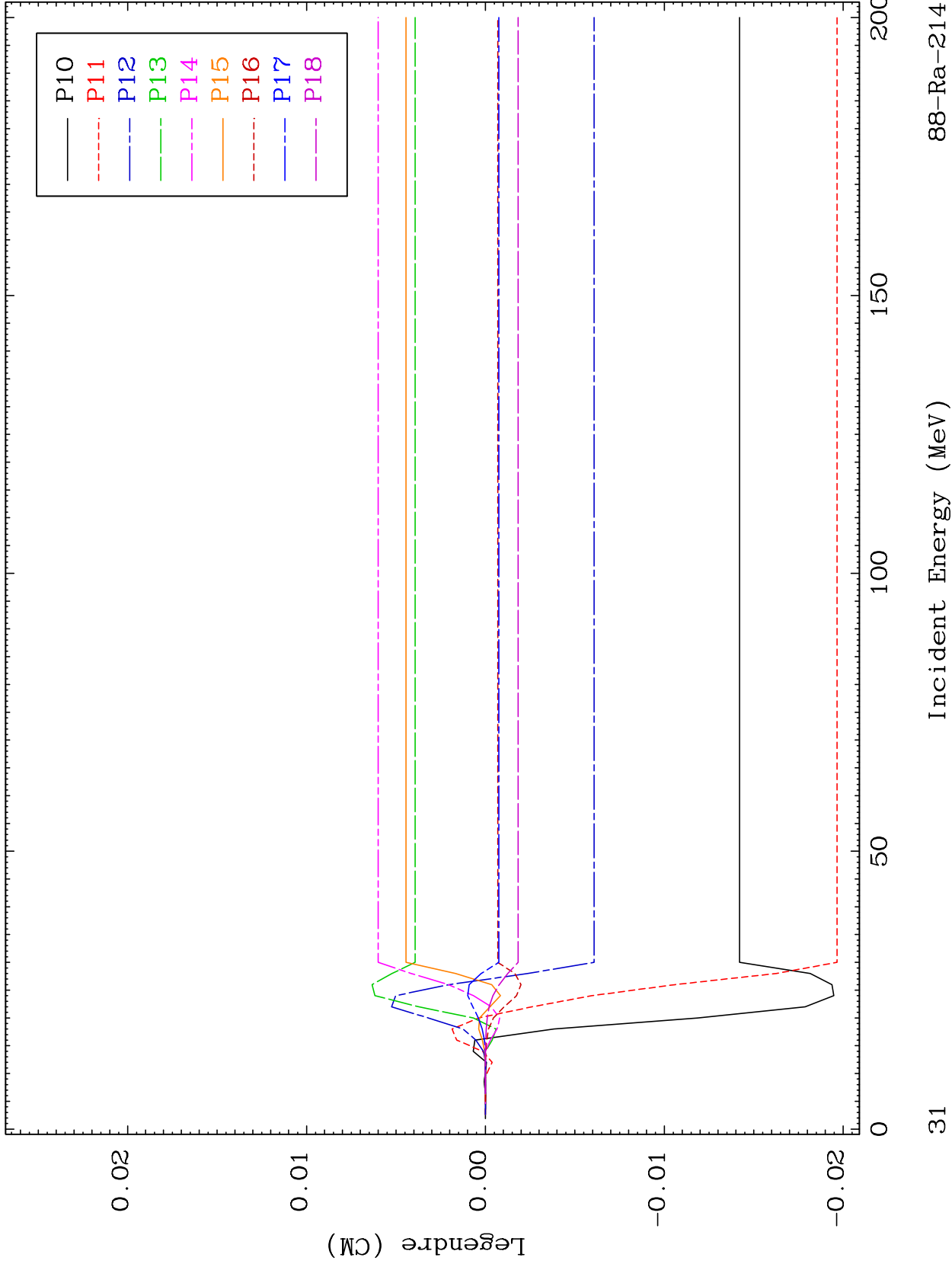
Incident Energy (MeV)

30

MAT 8798

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

88-Ra-214



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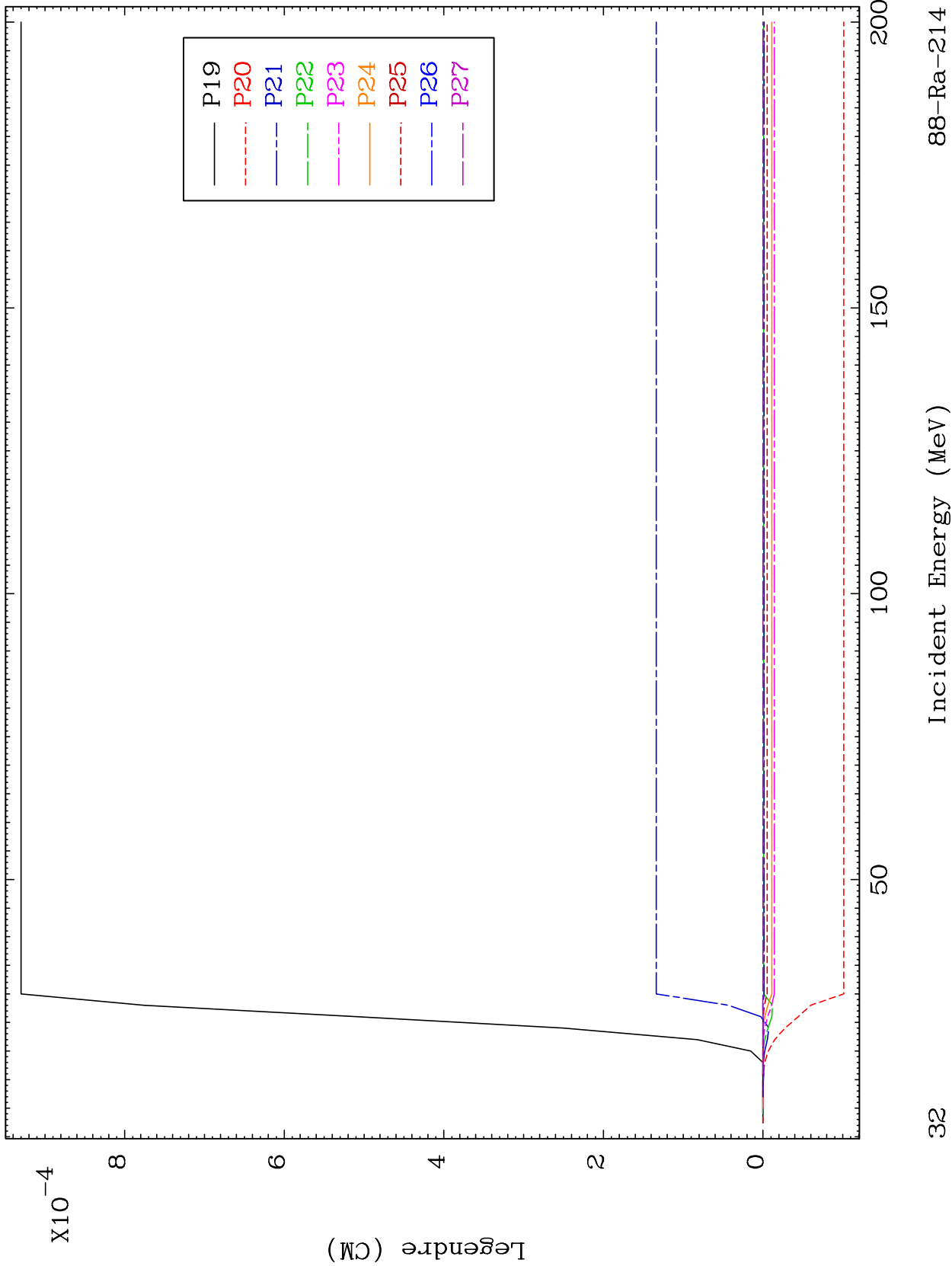
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214



32

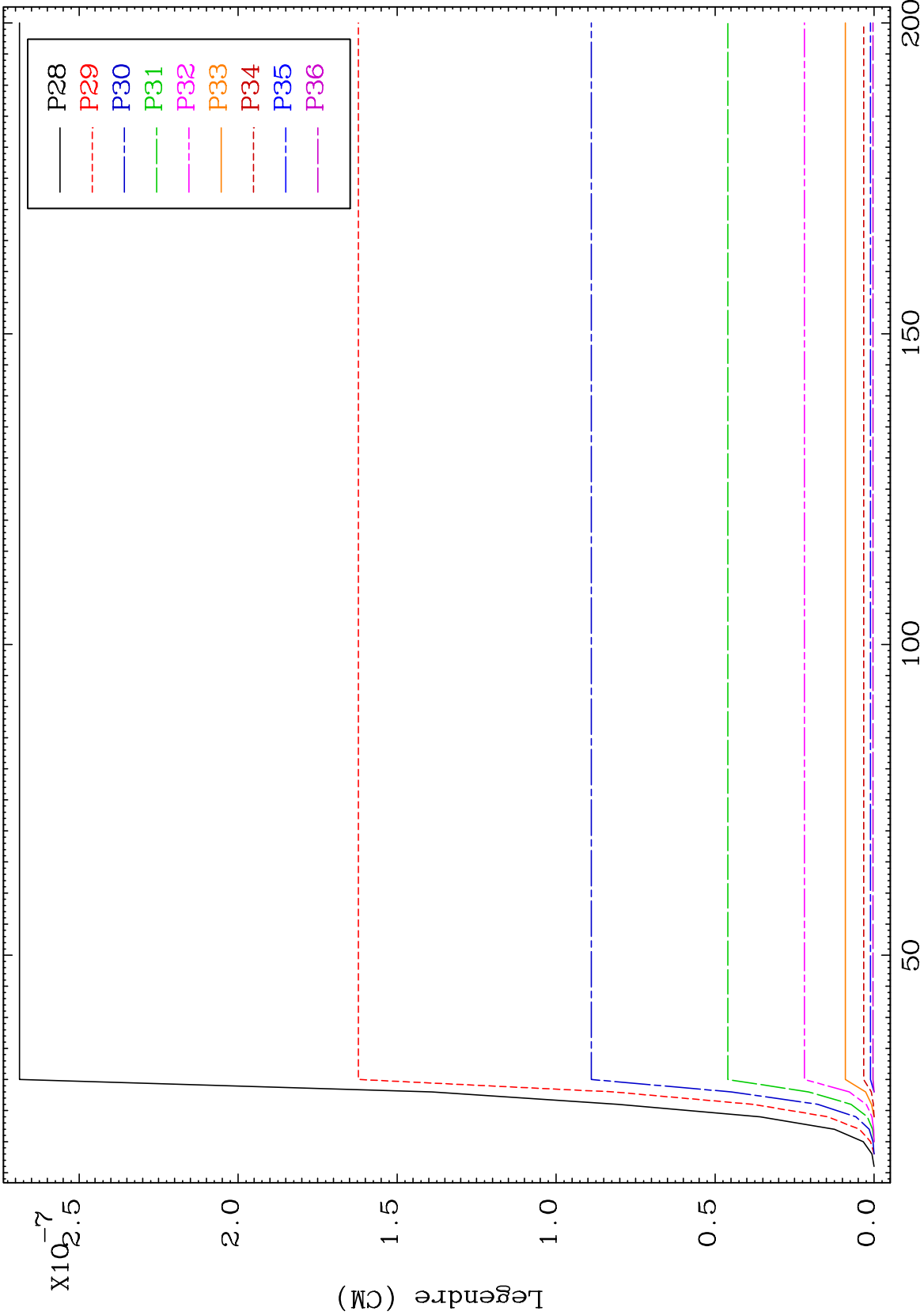
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214



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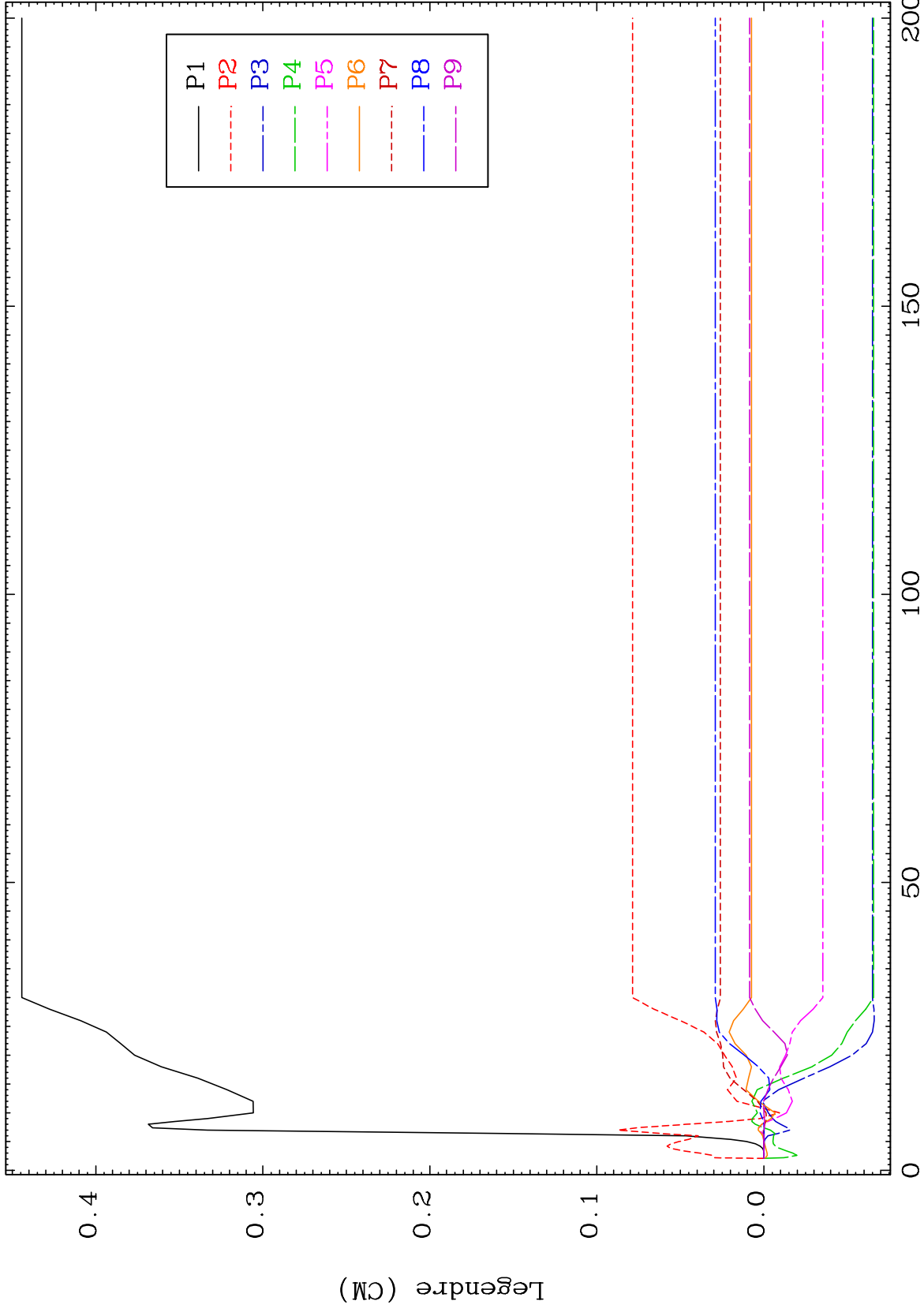
Incident Energy (MeV)

88-Ra-214

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

88-Ra-214



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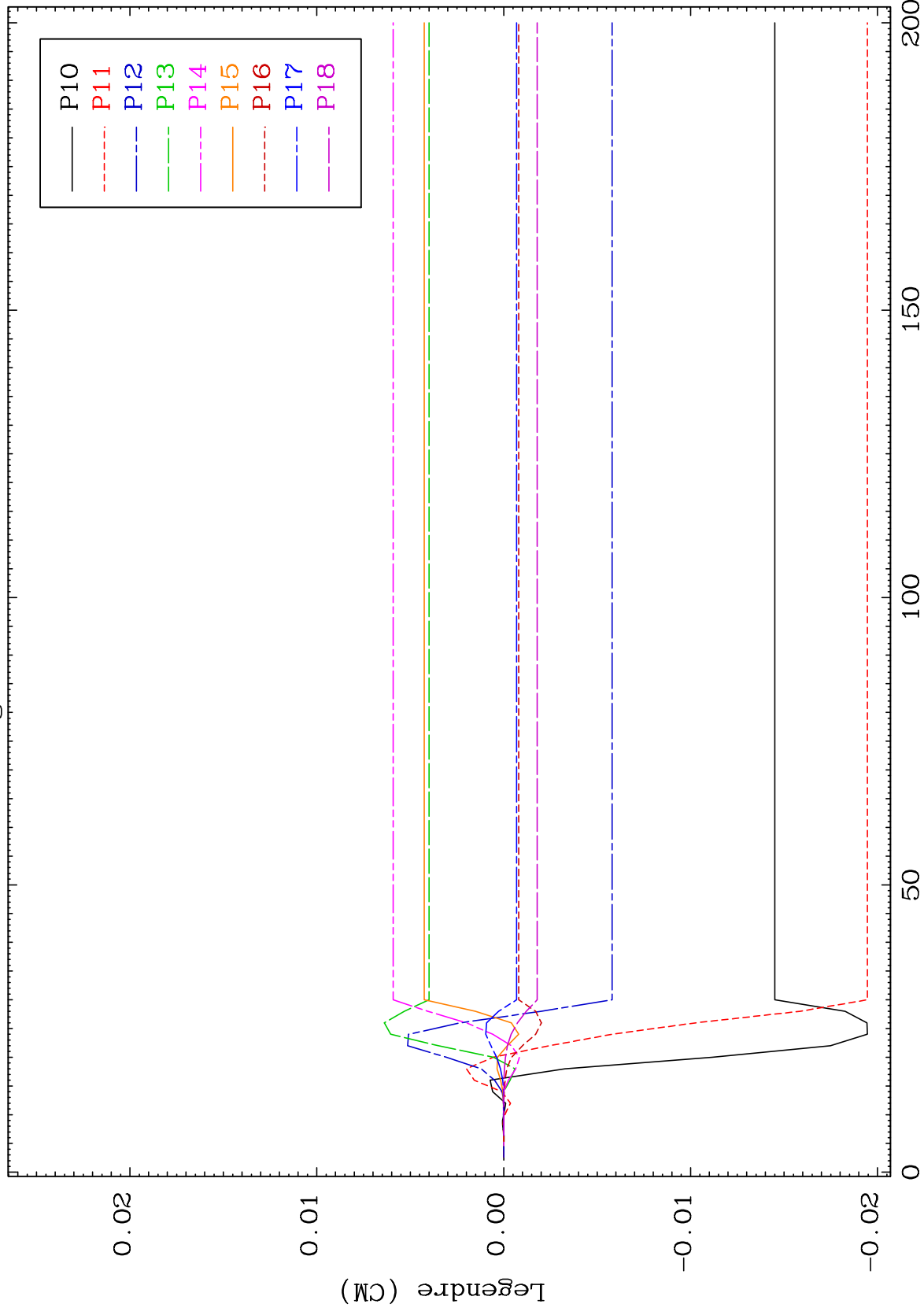
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214



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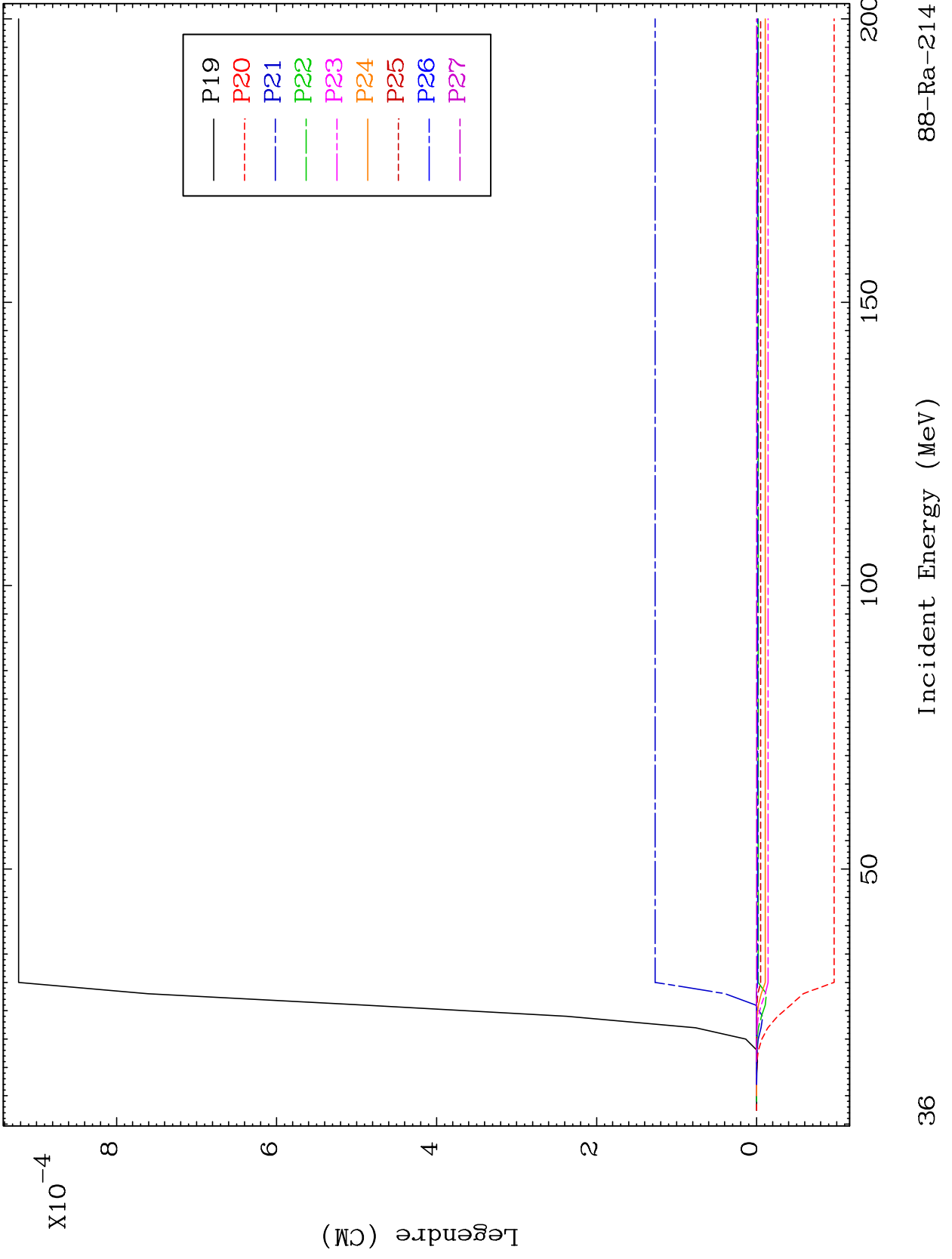
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214



36

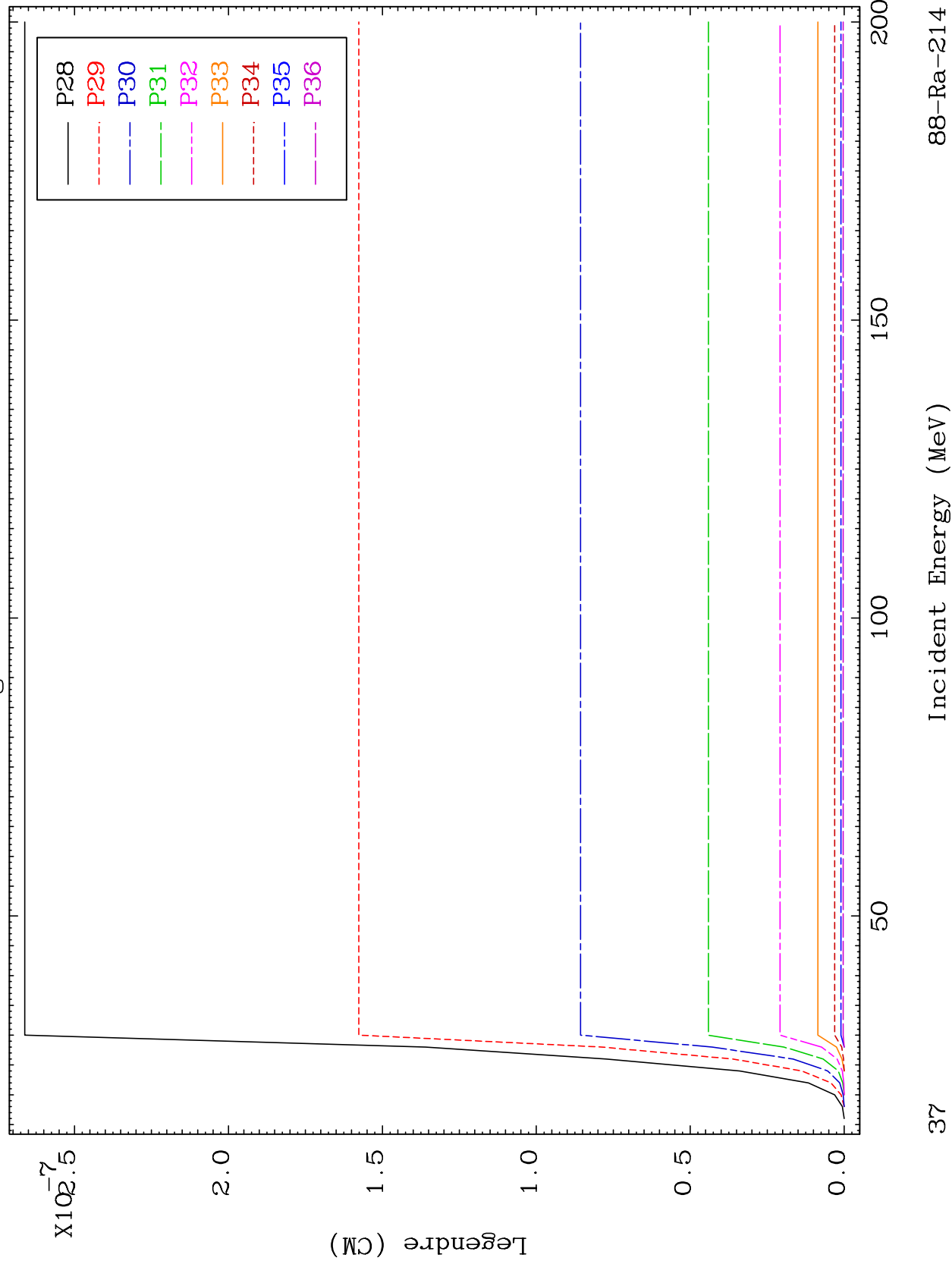
Incident Energy (MeV)

88-Ra-214

MAT 8798

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

88-Ra-214

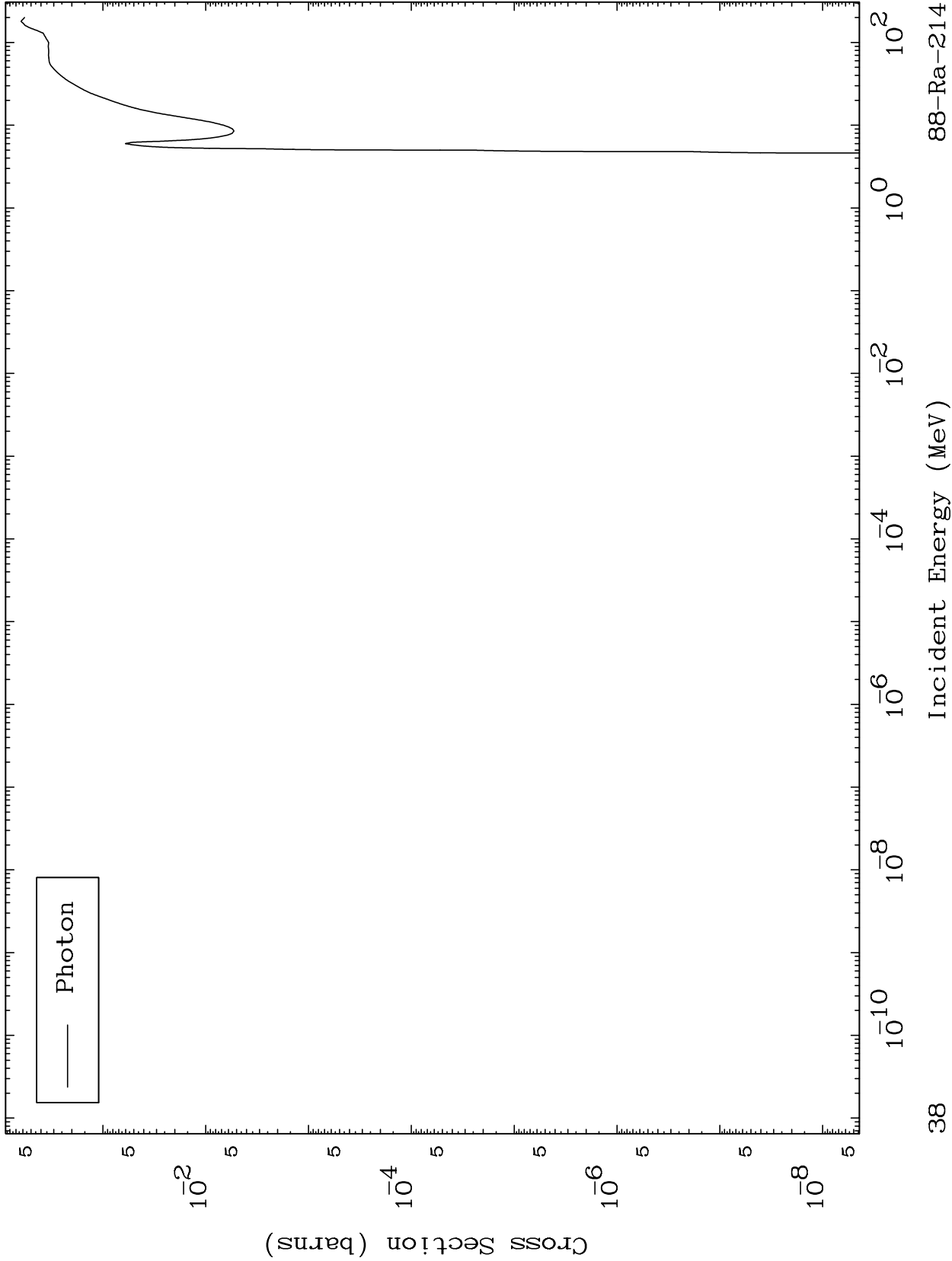


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Fission
Radionuclide Production Cross Section

88-Ra-214



88-Ra-214

MAT 8798

88-Ra-214

(n,2α)
Radionuclide Production Cross Section

