

Program EVALPLOT
(Version 2021-1)

by

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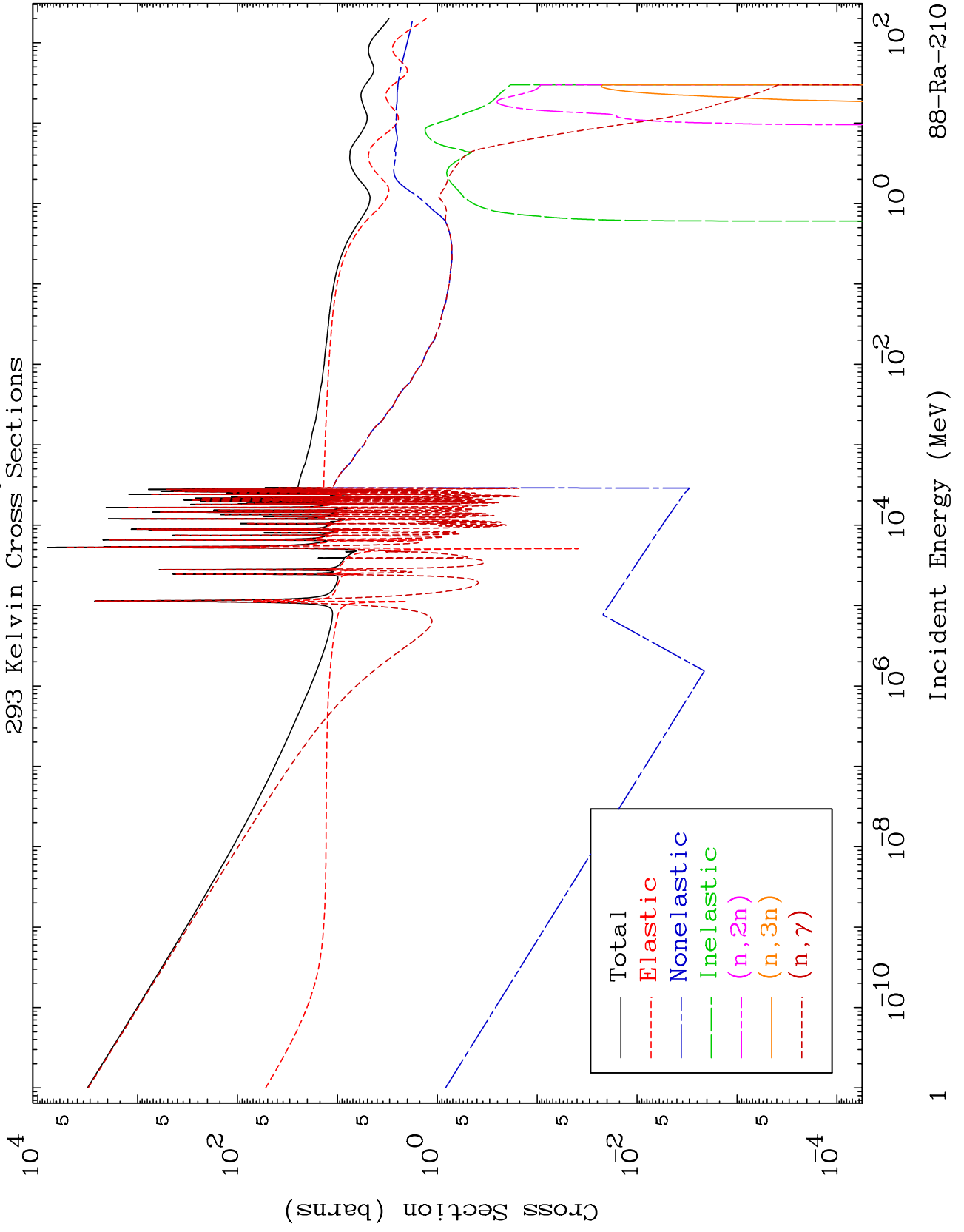
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8786

Neutron Major
293 Kelvin Cross Sections

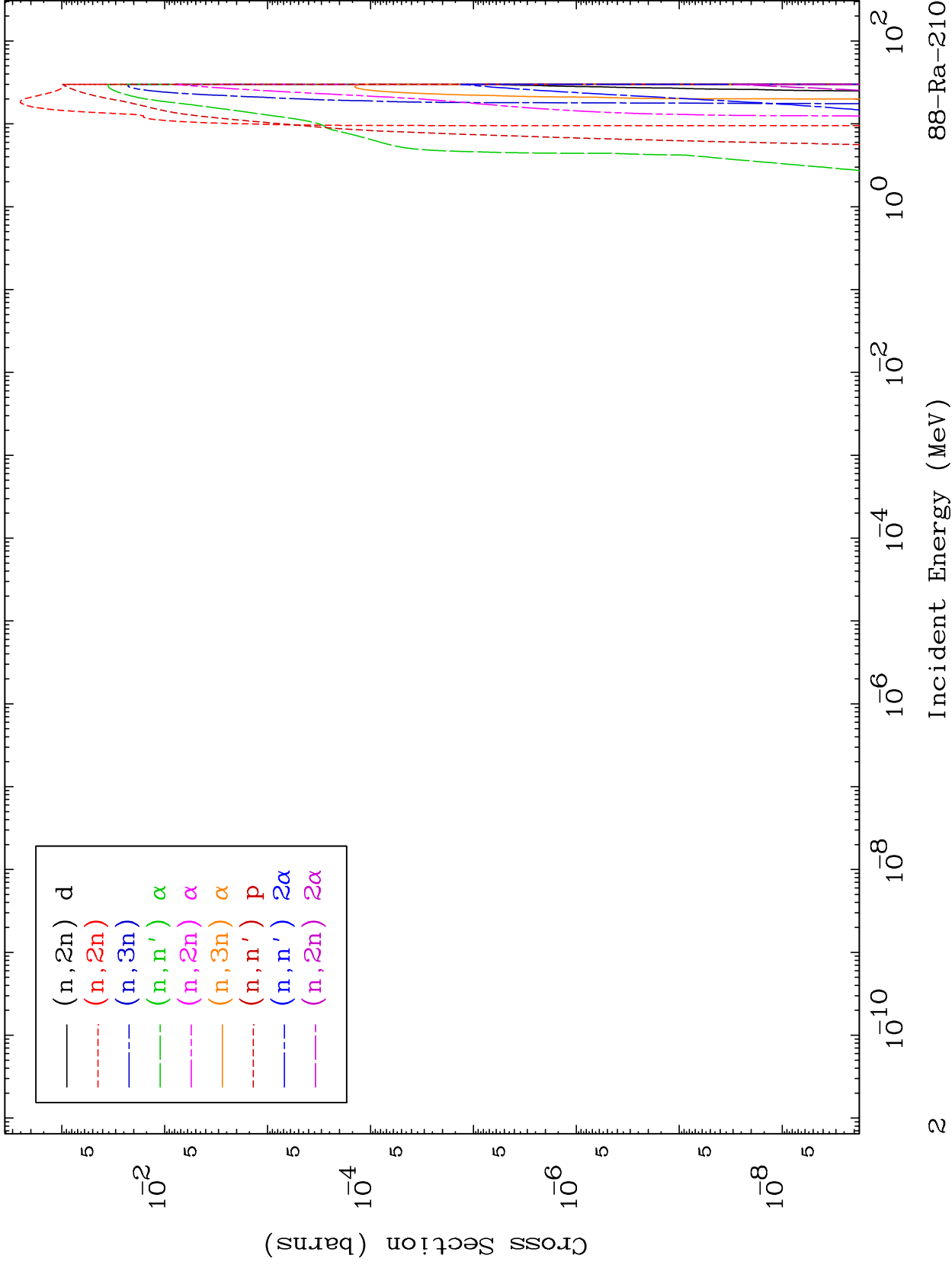
88-Ra-210



MAT 8786

Neutron Absorption
293 Kelvin Cross Sections

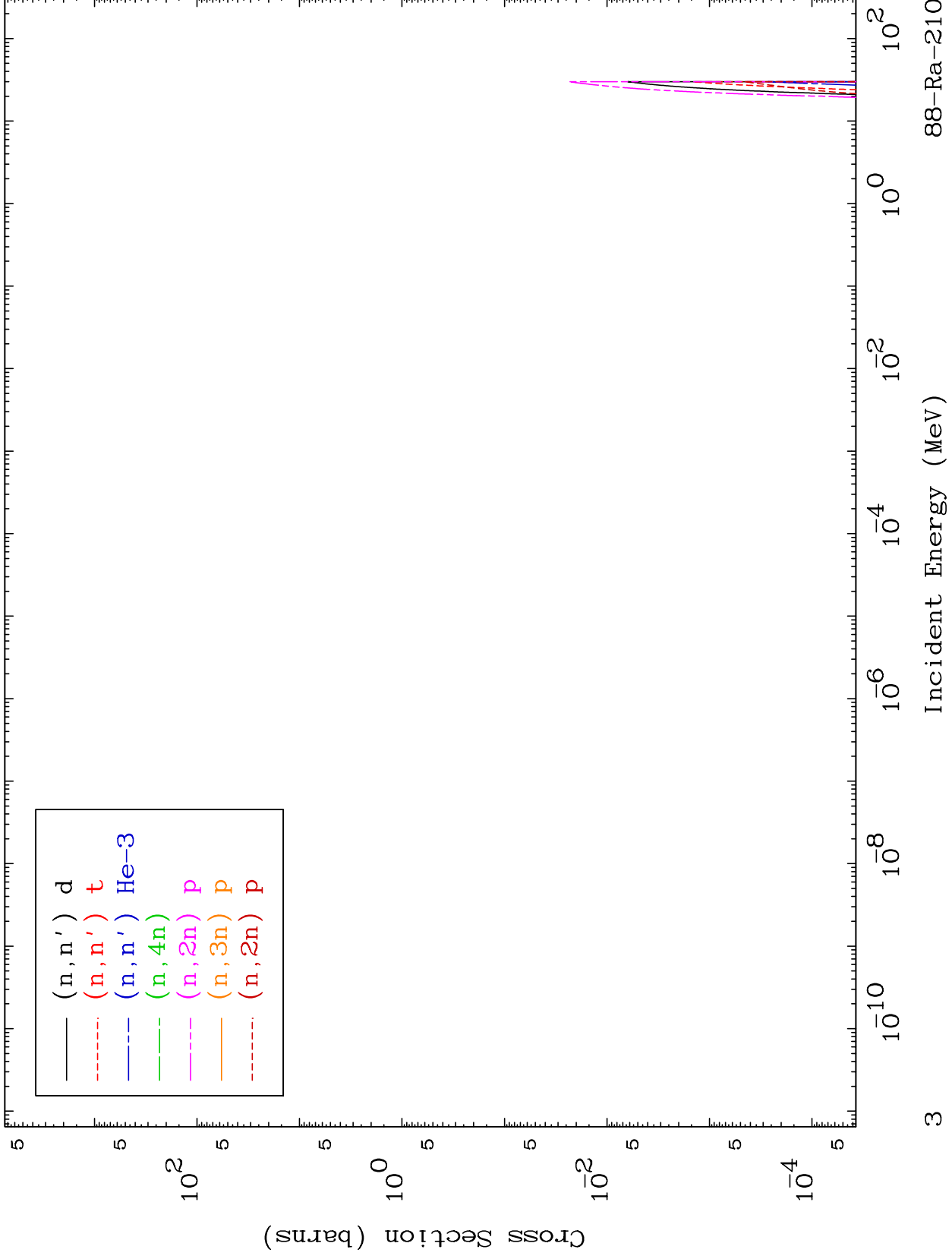
88-Ra-210

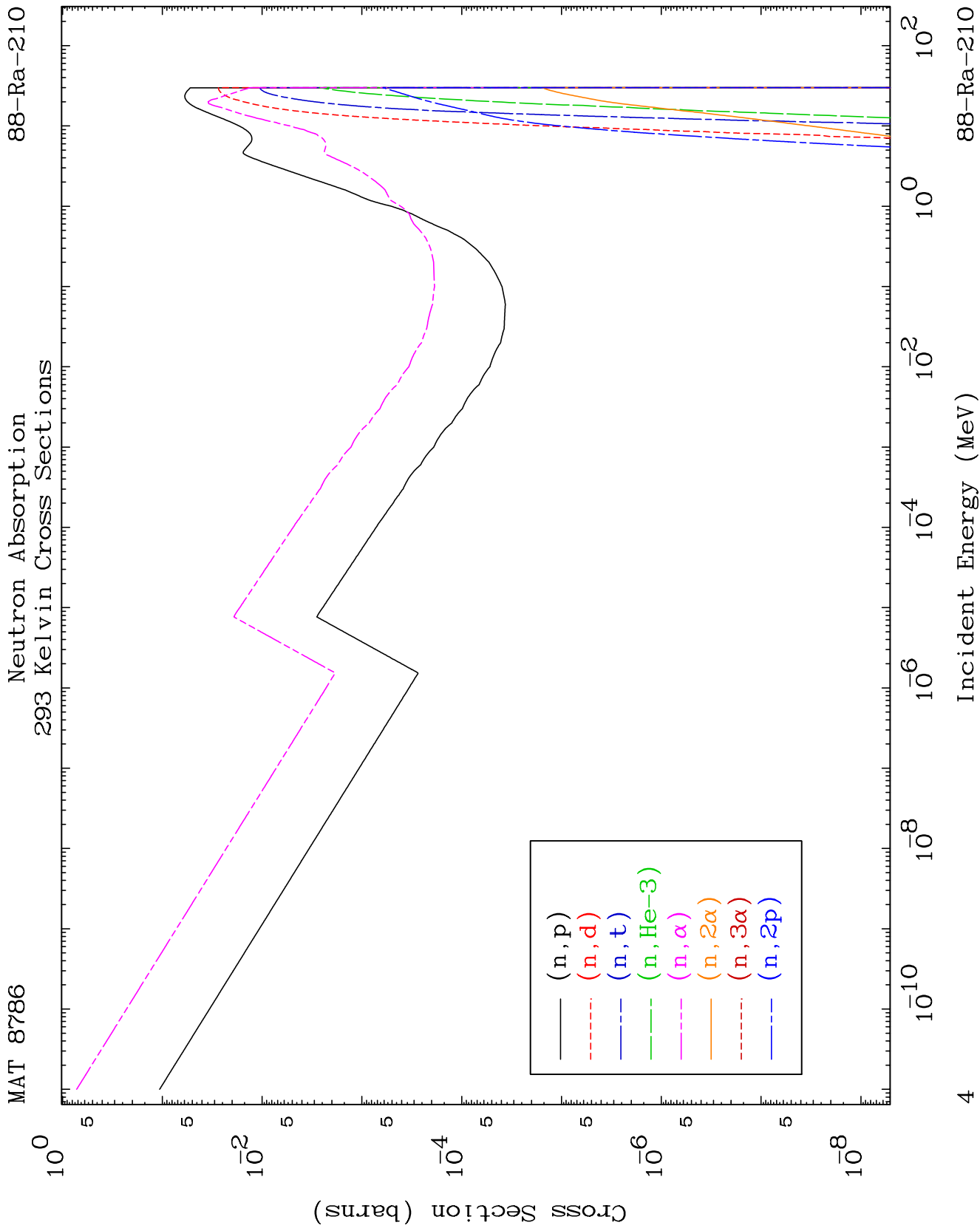


MAT 8786

Neutron Absorption
293 Kelvin Cross Sections

88-Ra-210

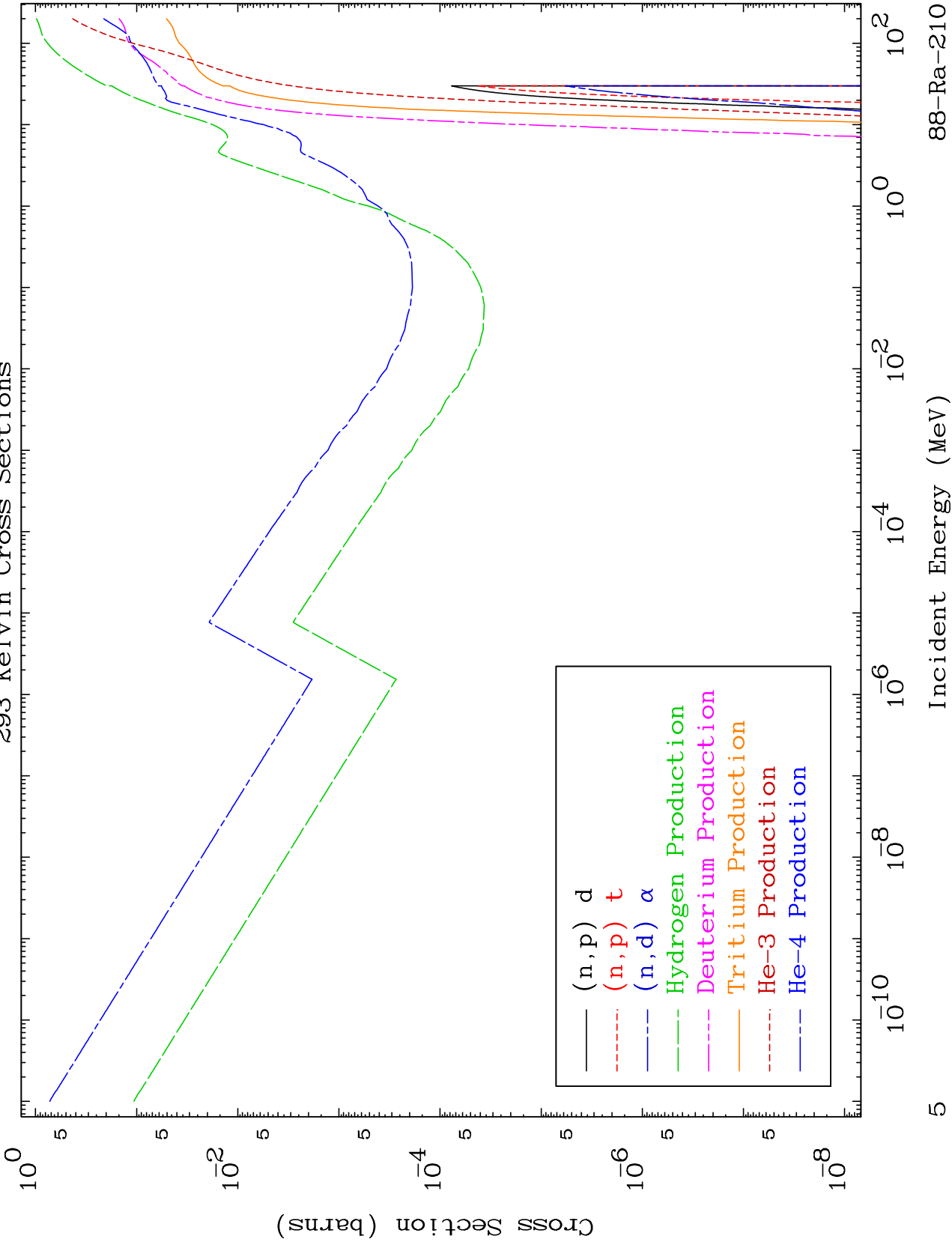




MAT 8786

Neutron Absorption
293 Kelvin Cross Sections

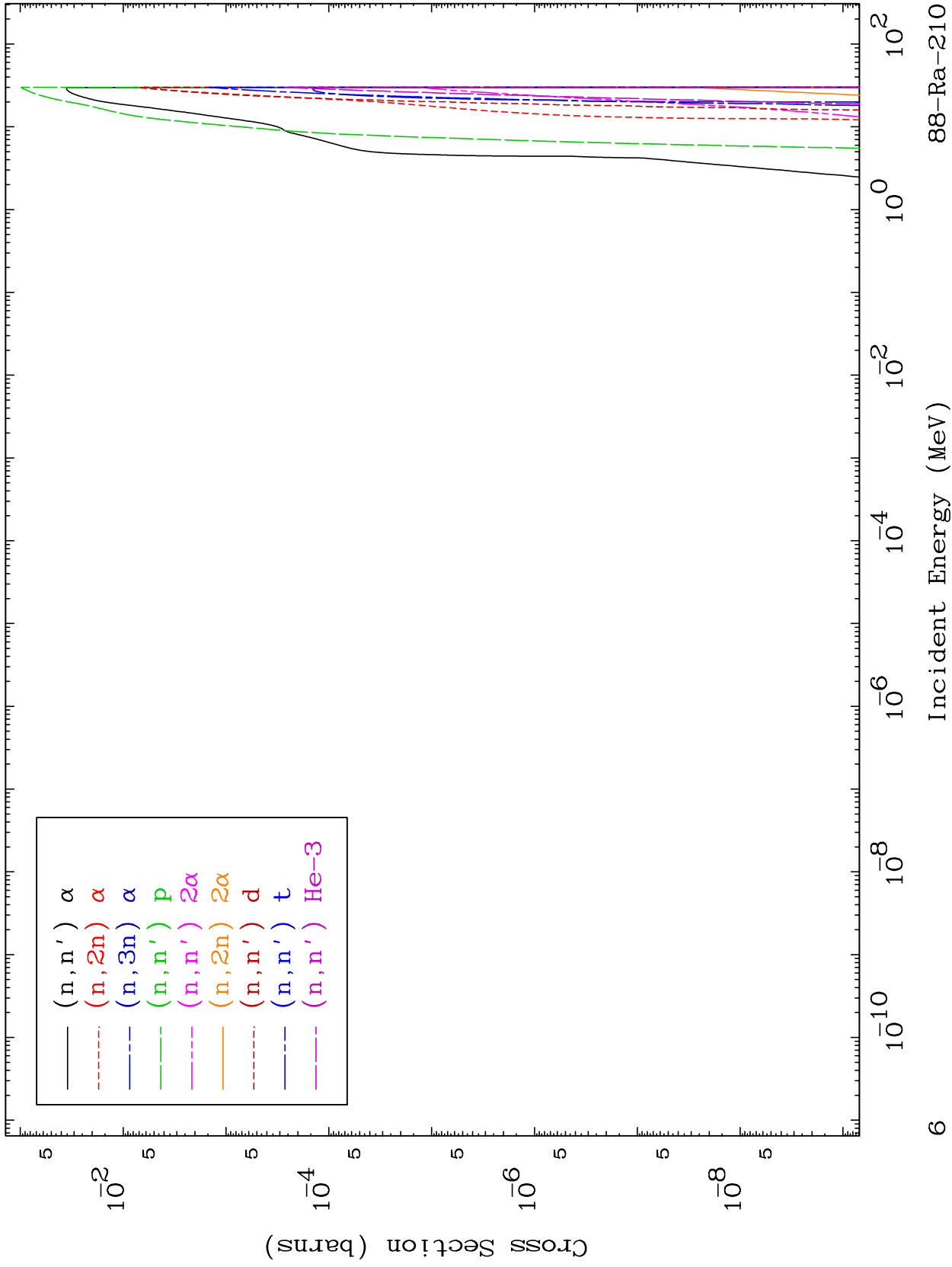
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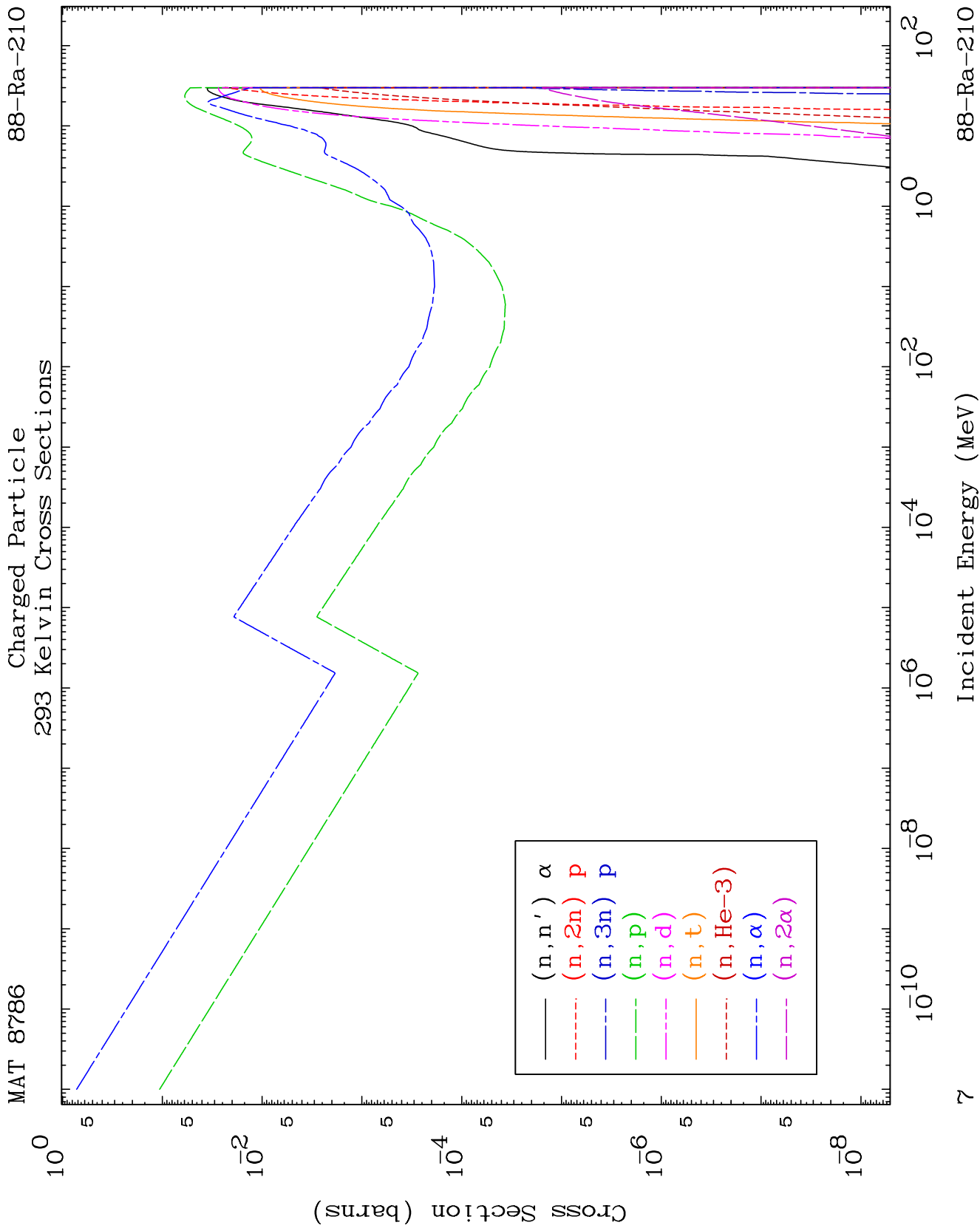


MAT 8786

Charged Particle
293 Kelvin Cross Sections

88-Ra-210

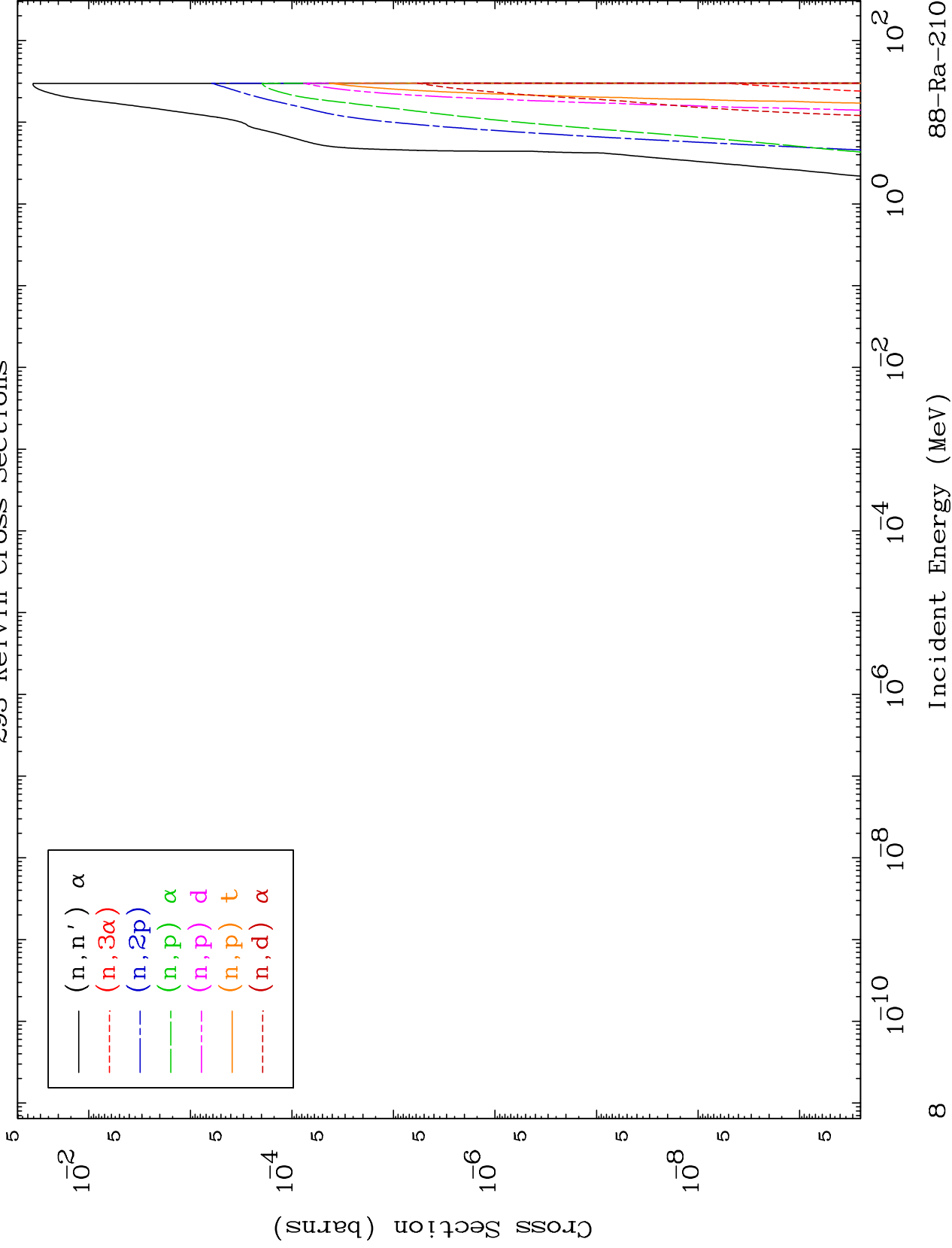




MAT 8786

Charged Particle
293 Kelvin Cross Sections

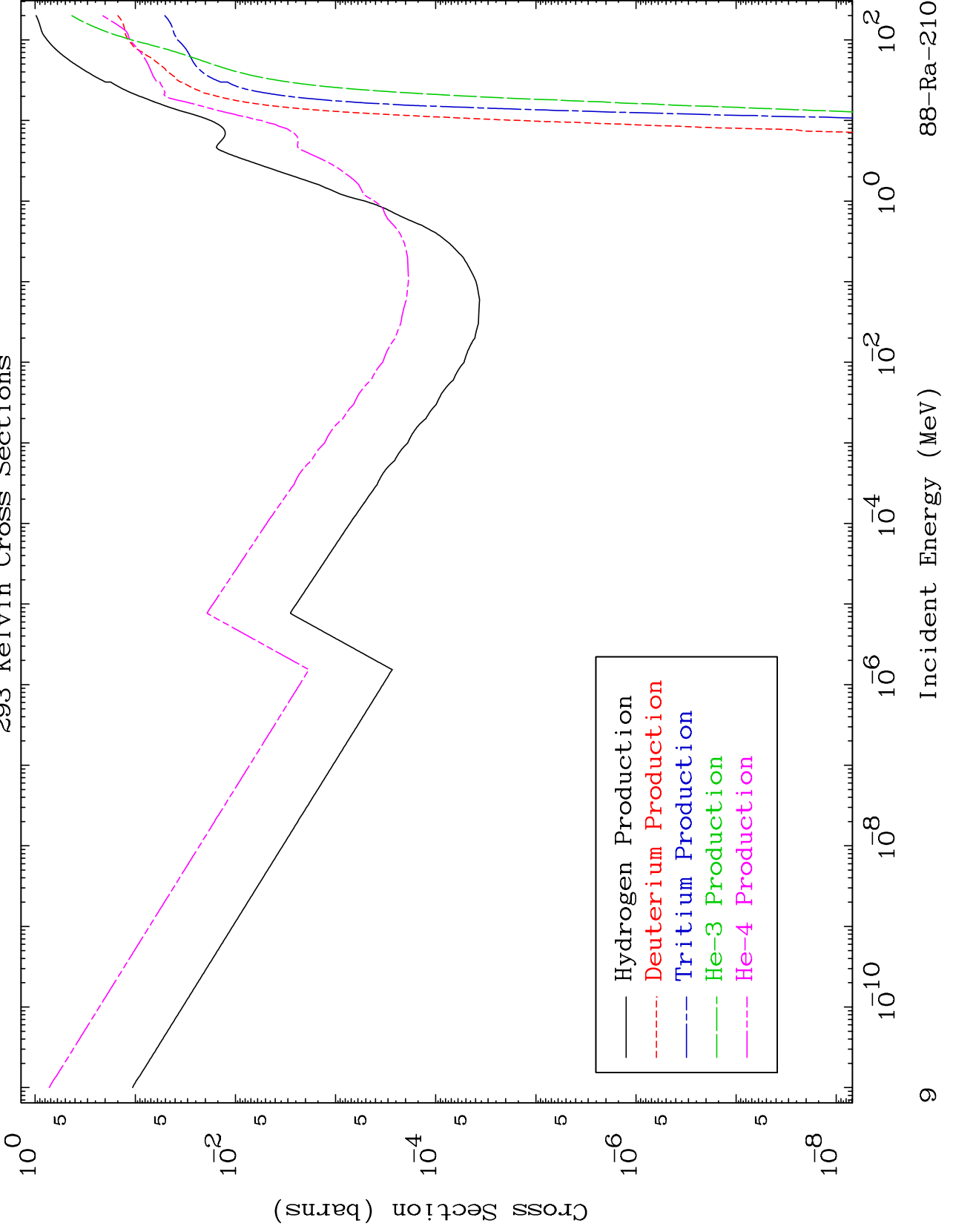
88-Ra-210



MAT 8786

Particle Production
293 Kelvin Cross Sections

88-Ra-210

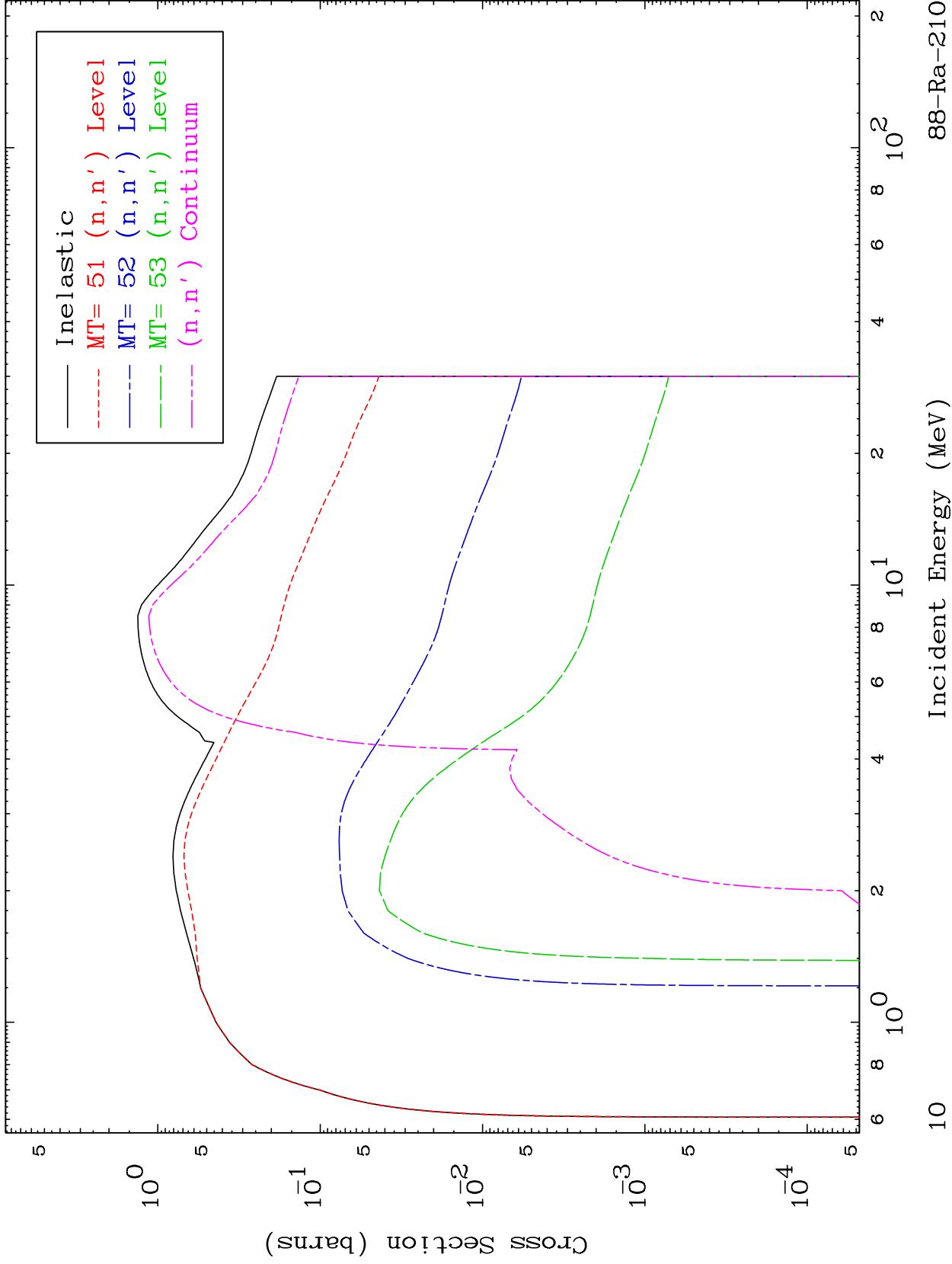


MAT 8786

(n,n') Levels

88-Ra-210

293 Kelvin Cross Sections



10

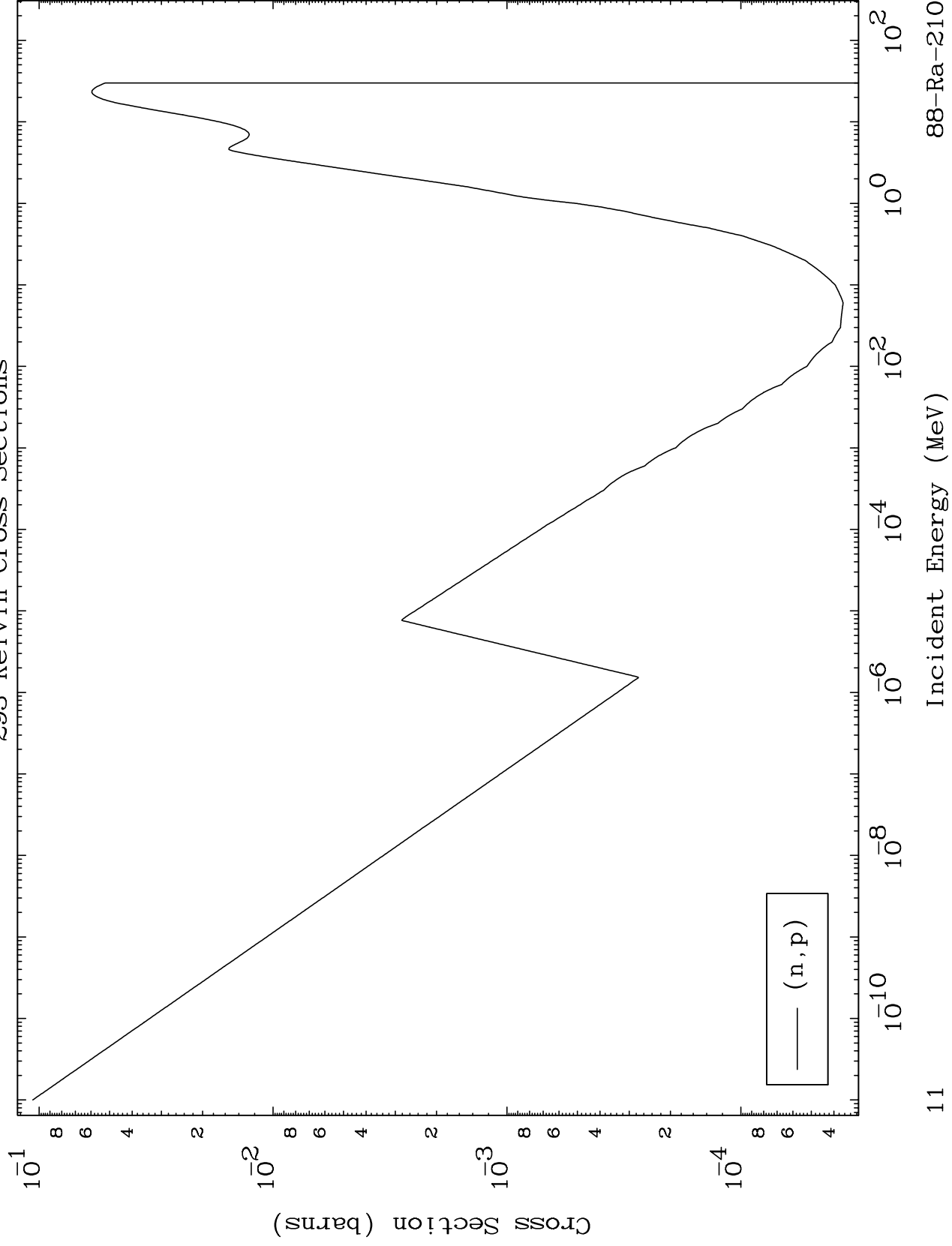
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,p) Levels
293 Kelvin Cross Sections

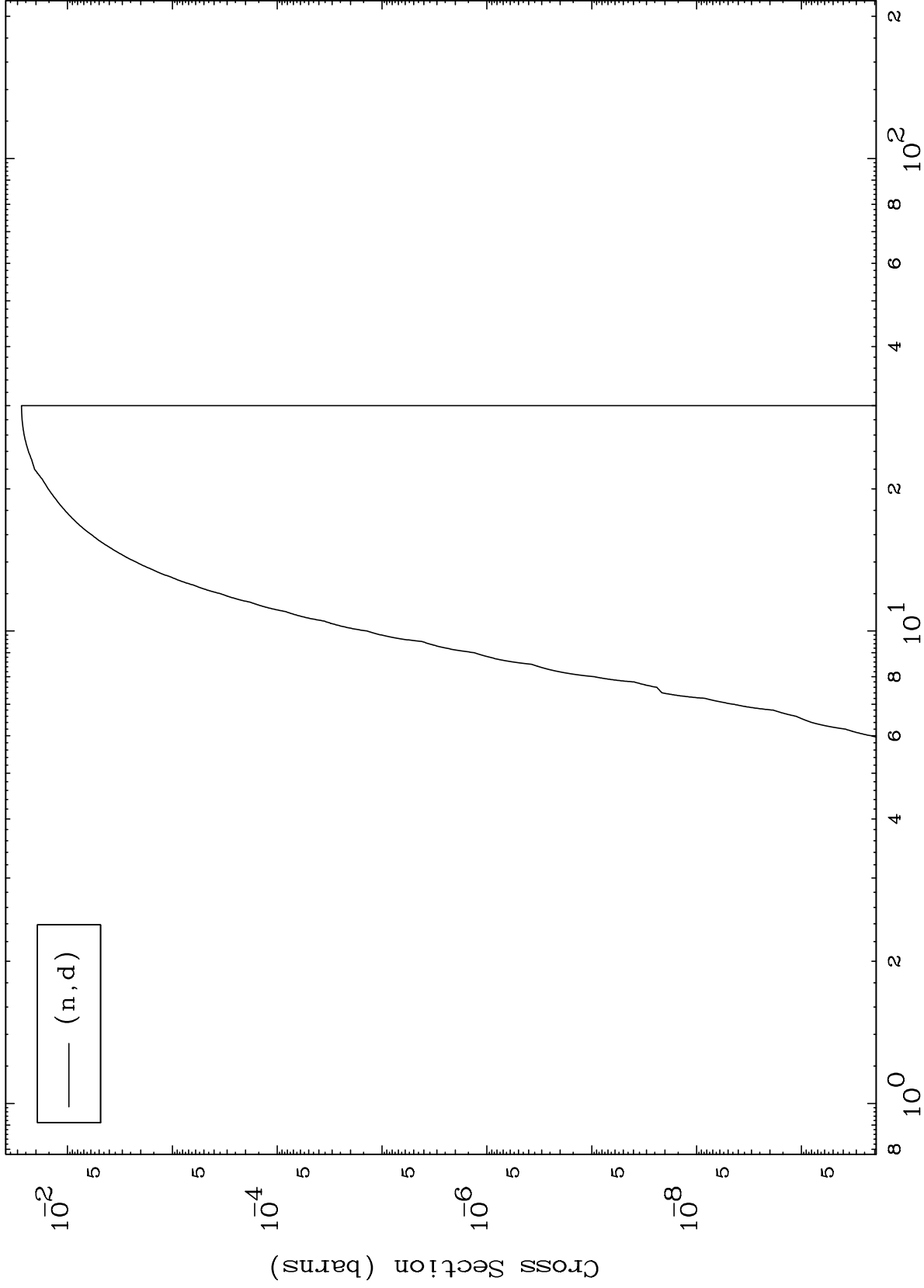
88-Ra-210



MAT 8786

(n,d) Levels
293 Kelvin Cross Sections

88-Ra-210



12

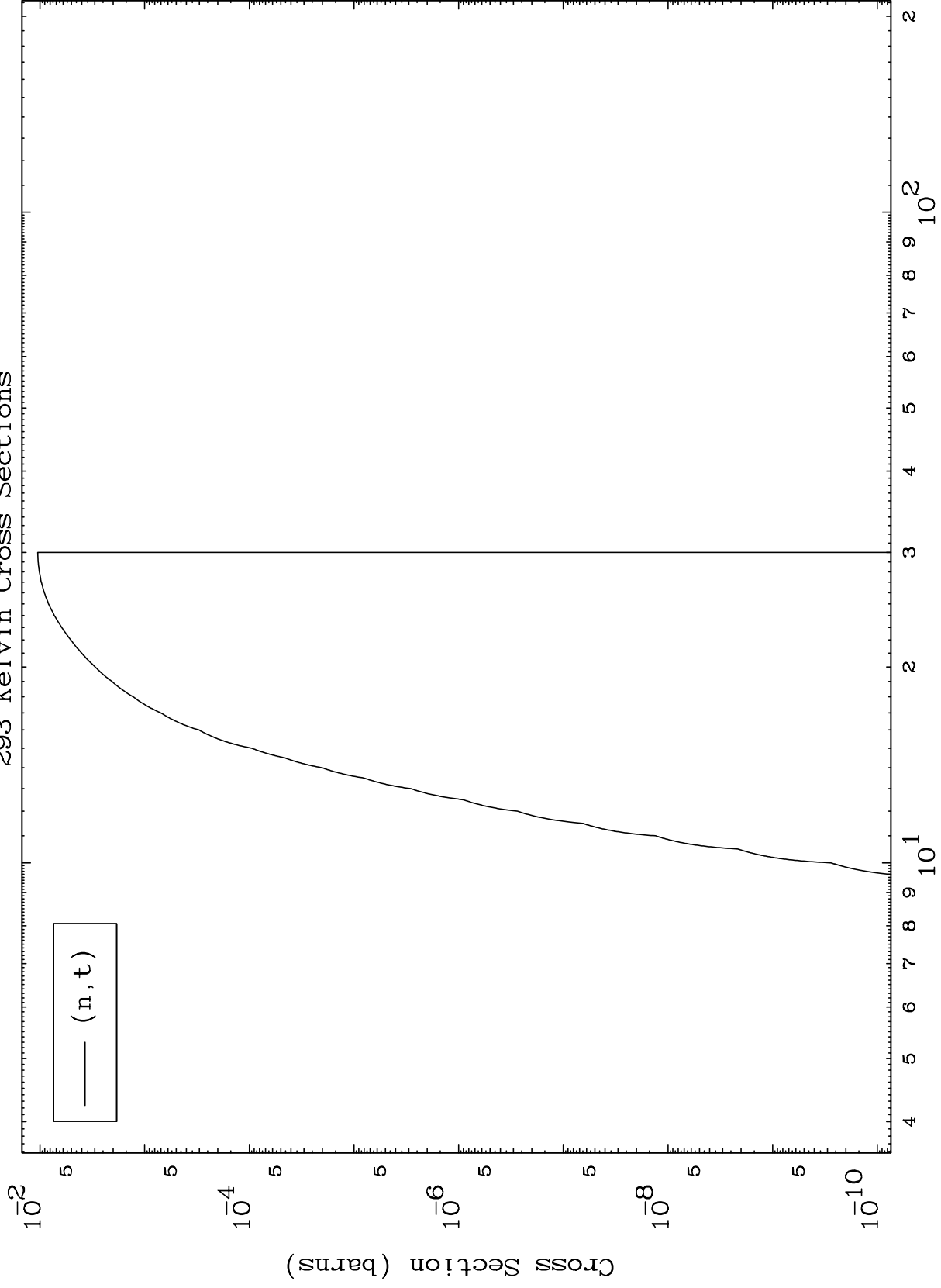
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-210



13

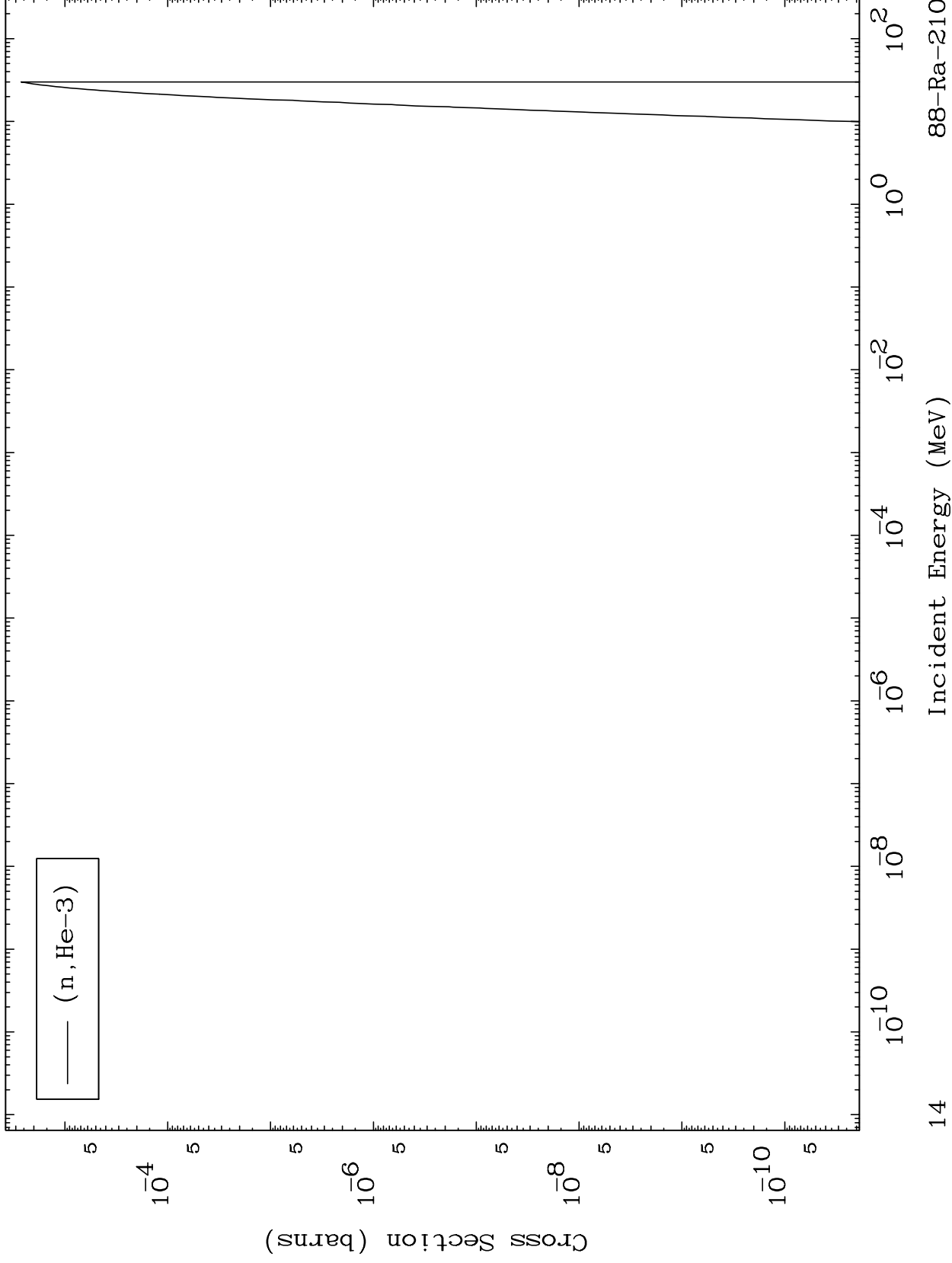
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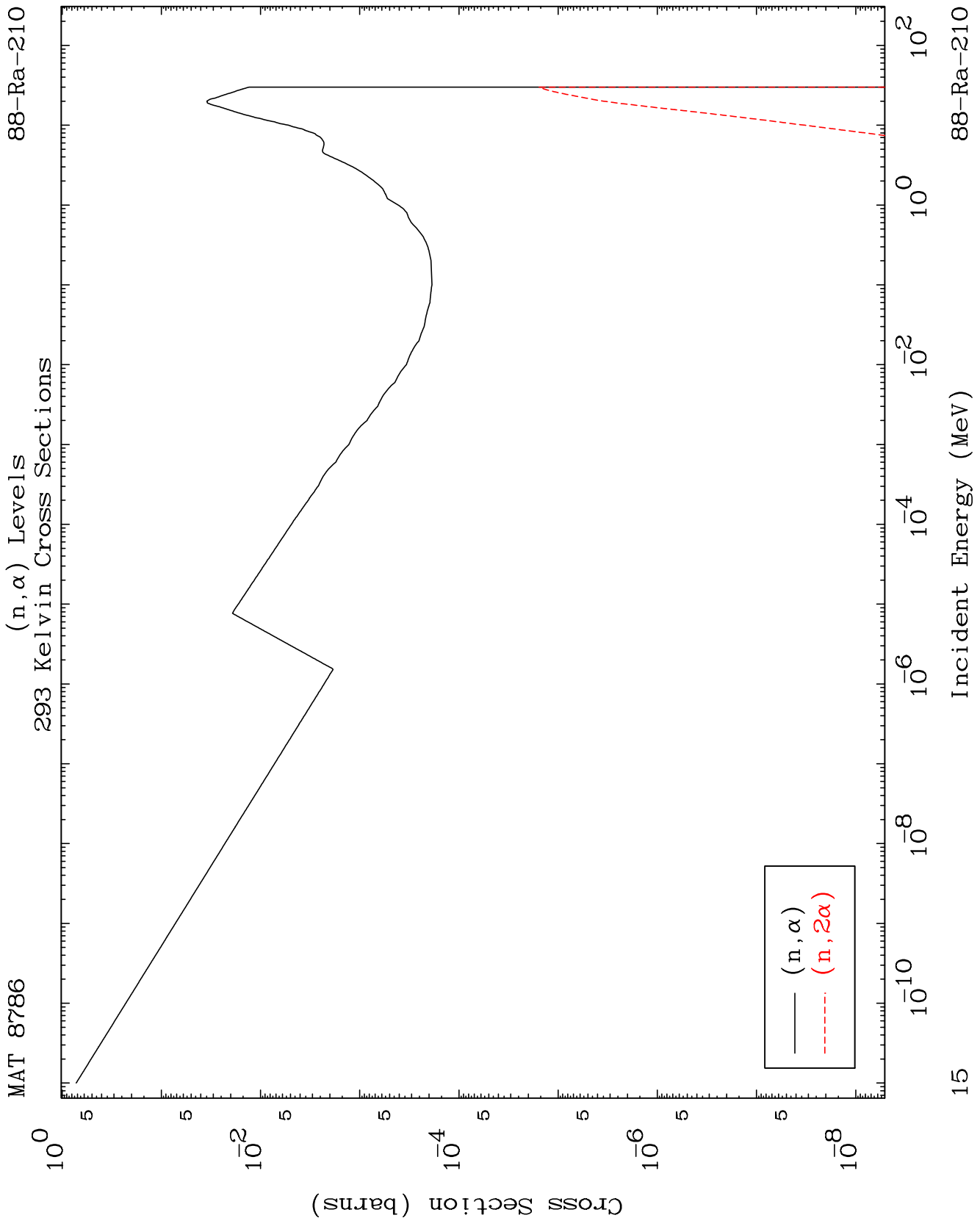
88-Ra-210

MAT 8786

(n,He3) Levels
293 Kelvin Cross Sections

88-Ra-210

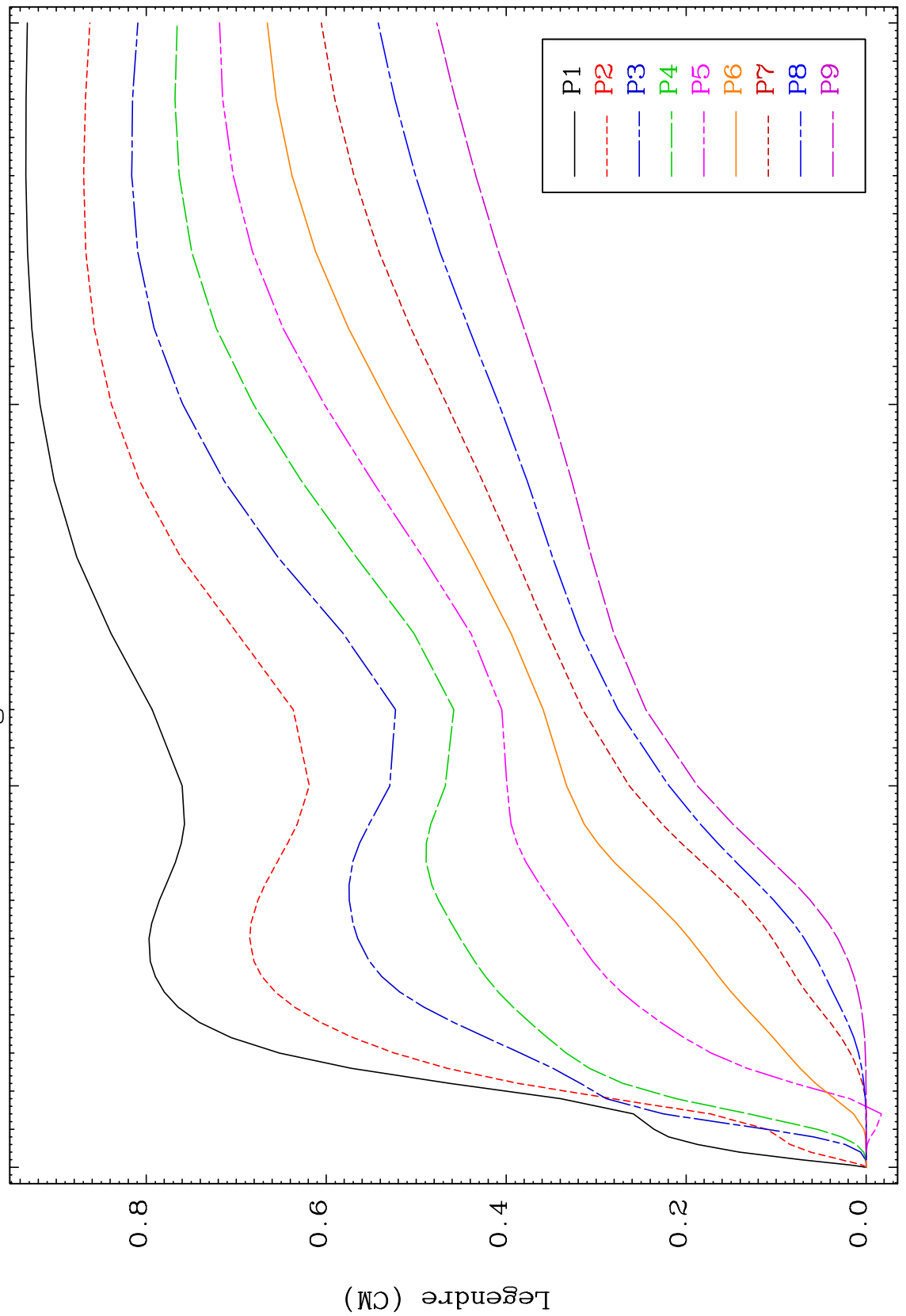




MAT 8786

88-Ra-210

Elastic Legendre Coefficients



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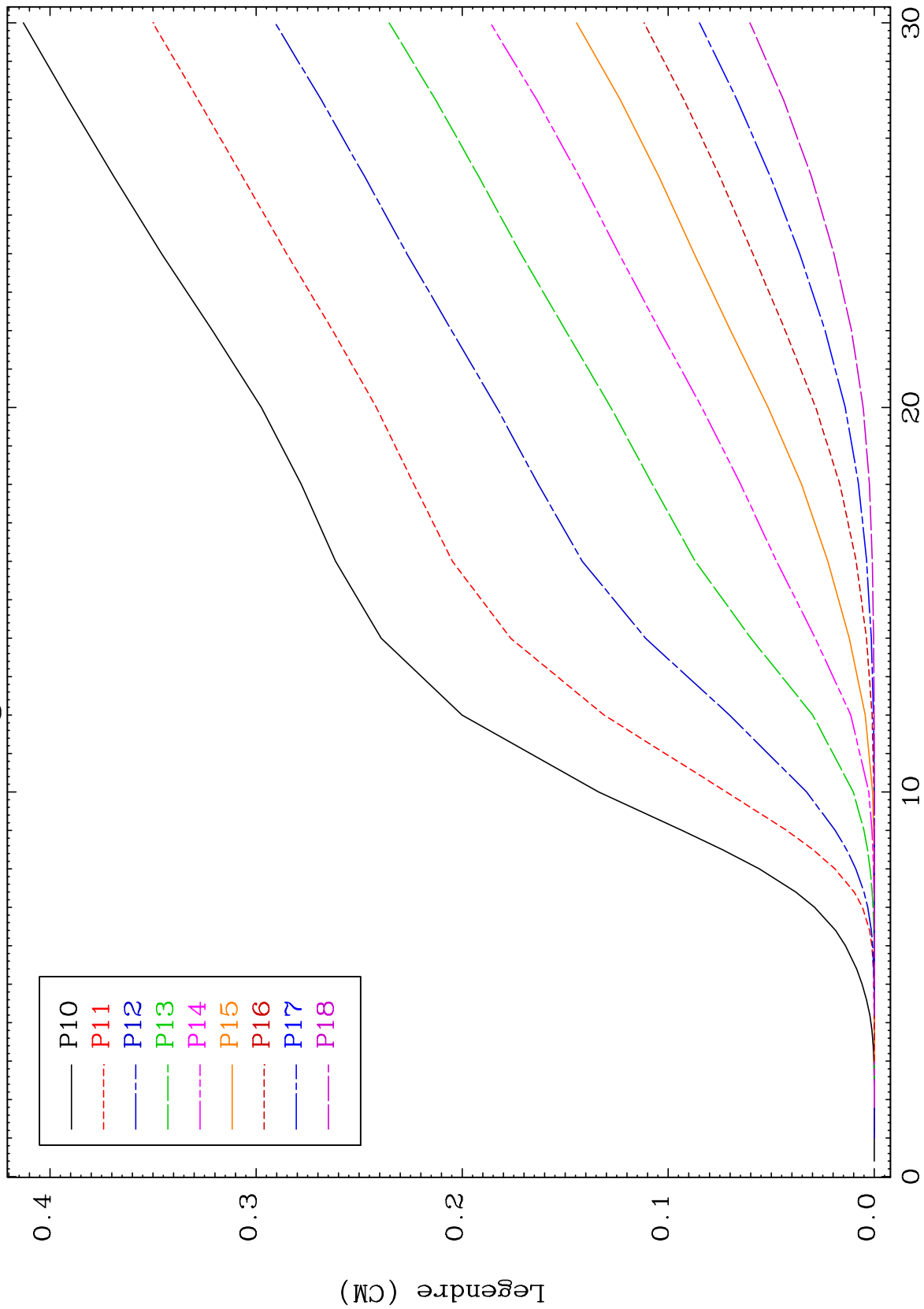
Incident Energy (MeV)

88-Ra-210

MAT 8786

Elastic Legendre Coefficients

88-Ra-210



17

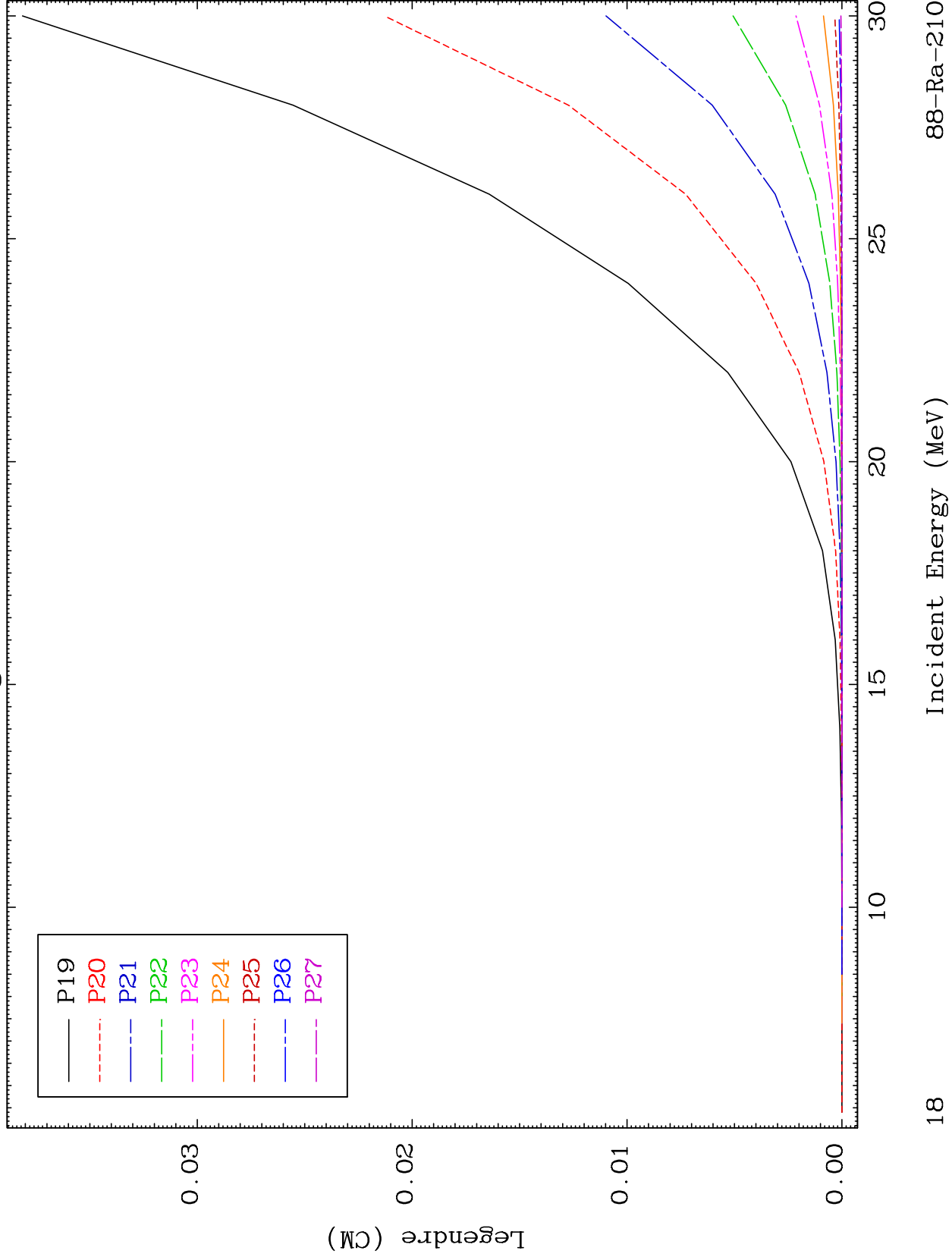
Incident Energy (MeV)

88-Ra-210

MAT 8786

Elastic Legendre Coefficients

88-Ra-210



18

Incident Energy (MeV)

88-Ra-210

30

25

20

15

10

Legendre (CM)

0.03

0.02

0.01

0.00

P19

P20

P21

P22

P23

P24

P25

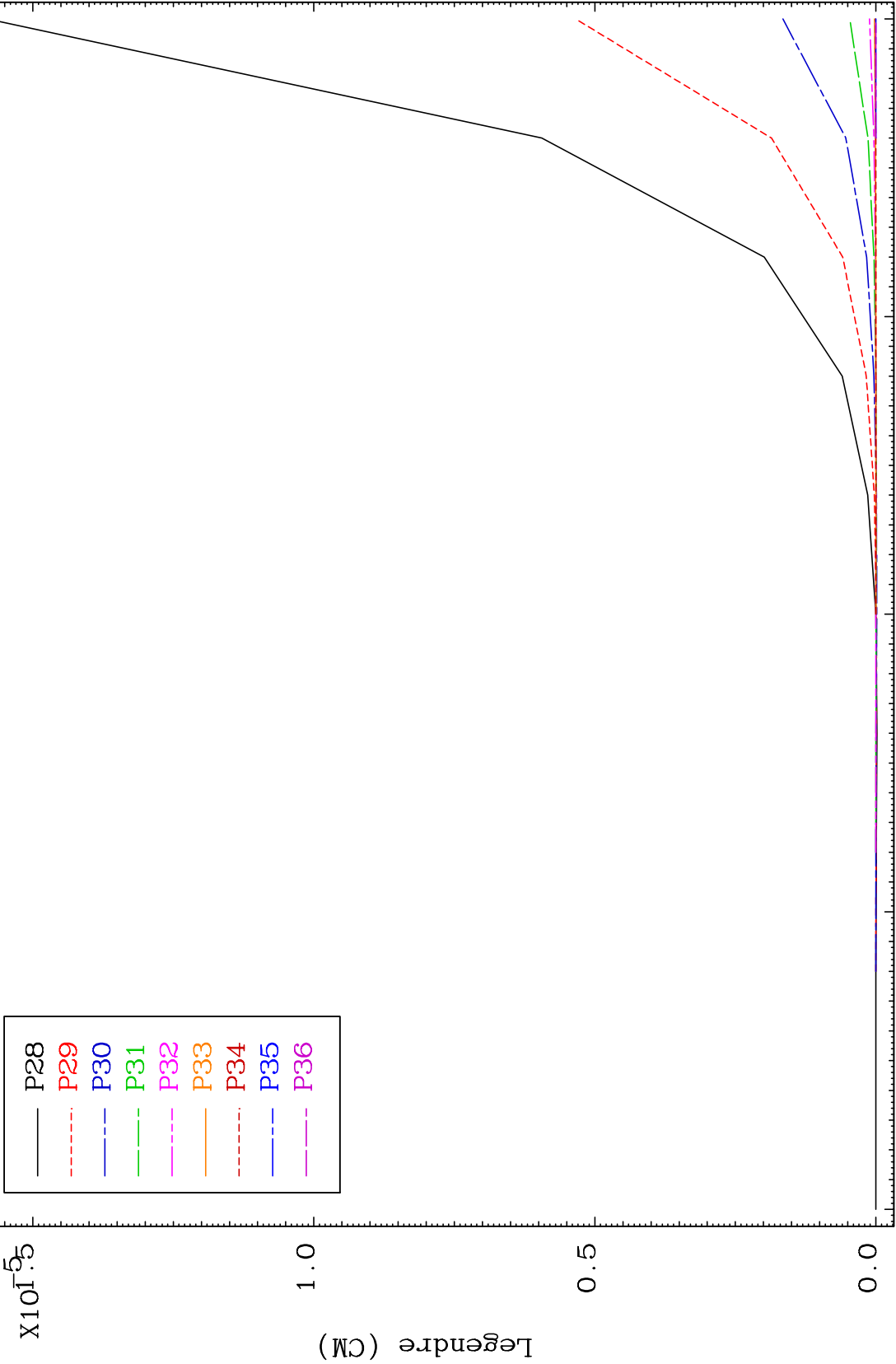
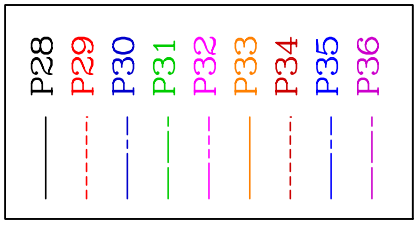
P26

P27

MAT 8786

Elastic Legendre Coefficients

88-Ra-210



19

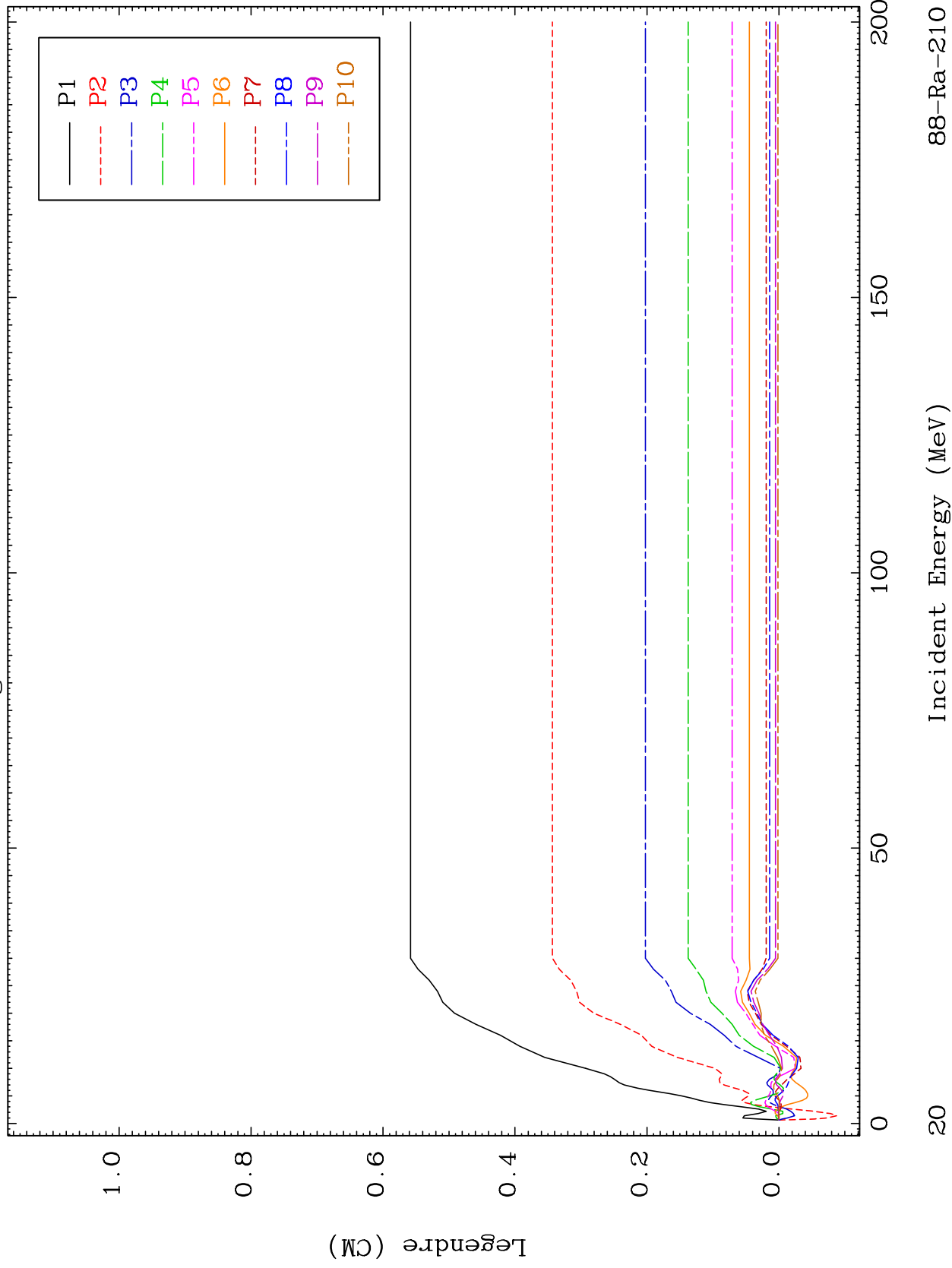
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

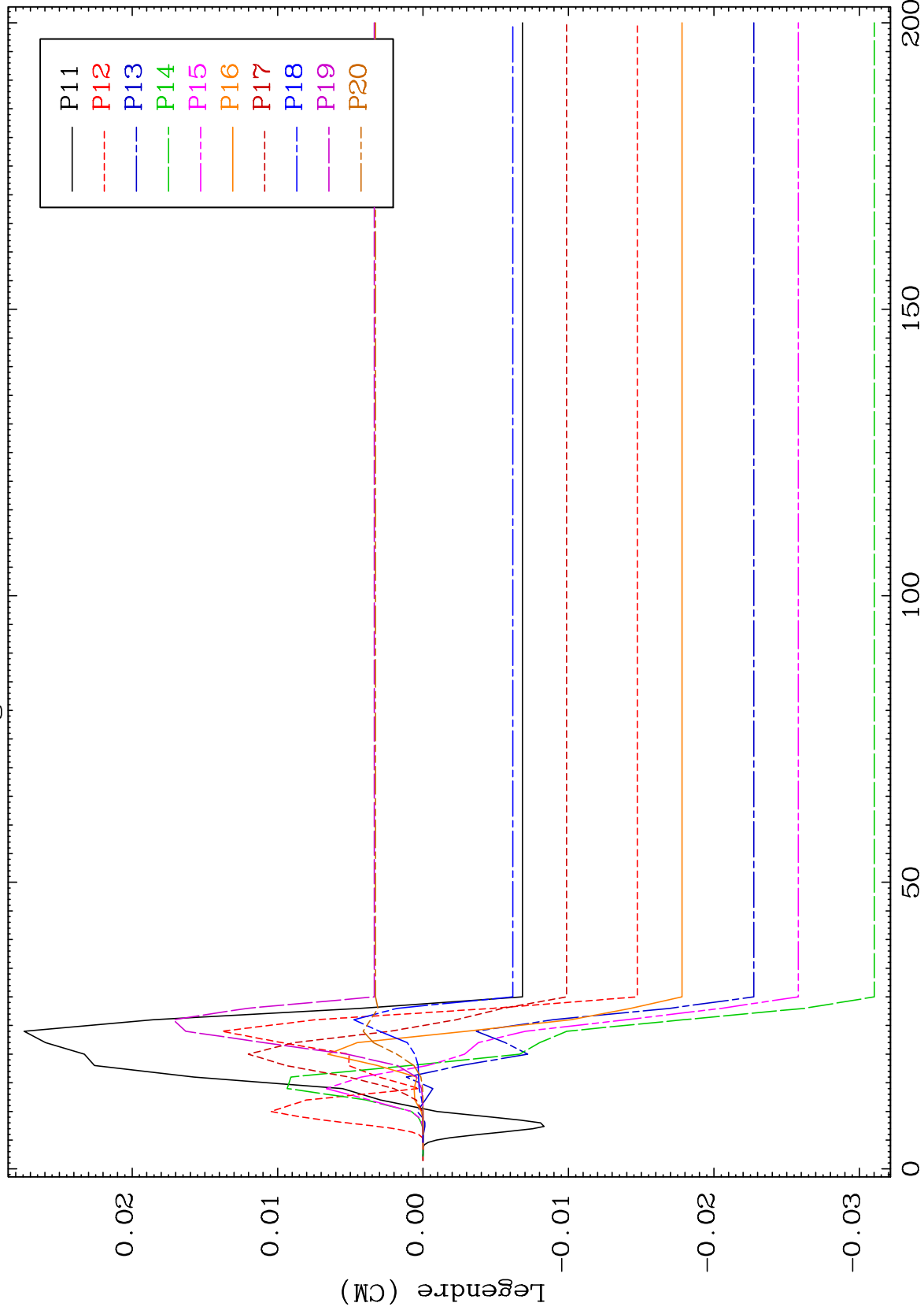
Incident Energy (MeV)

0

MAT 8786

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

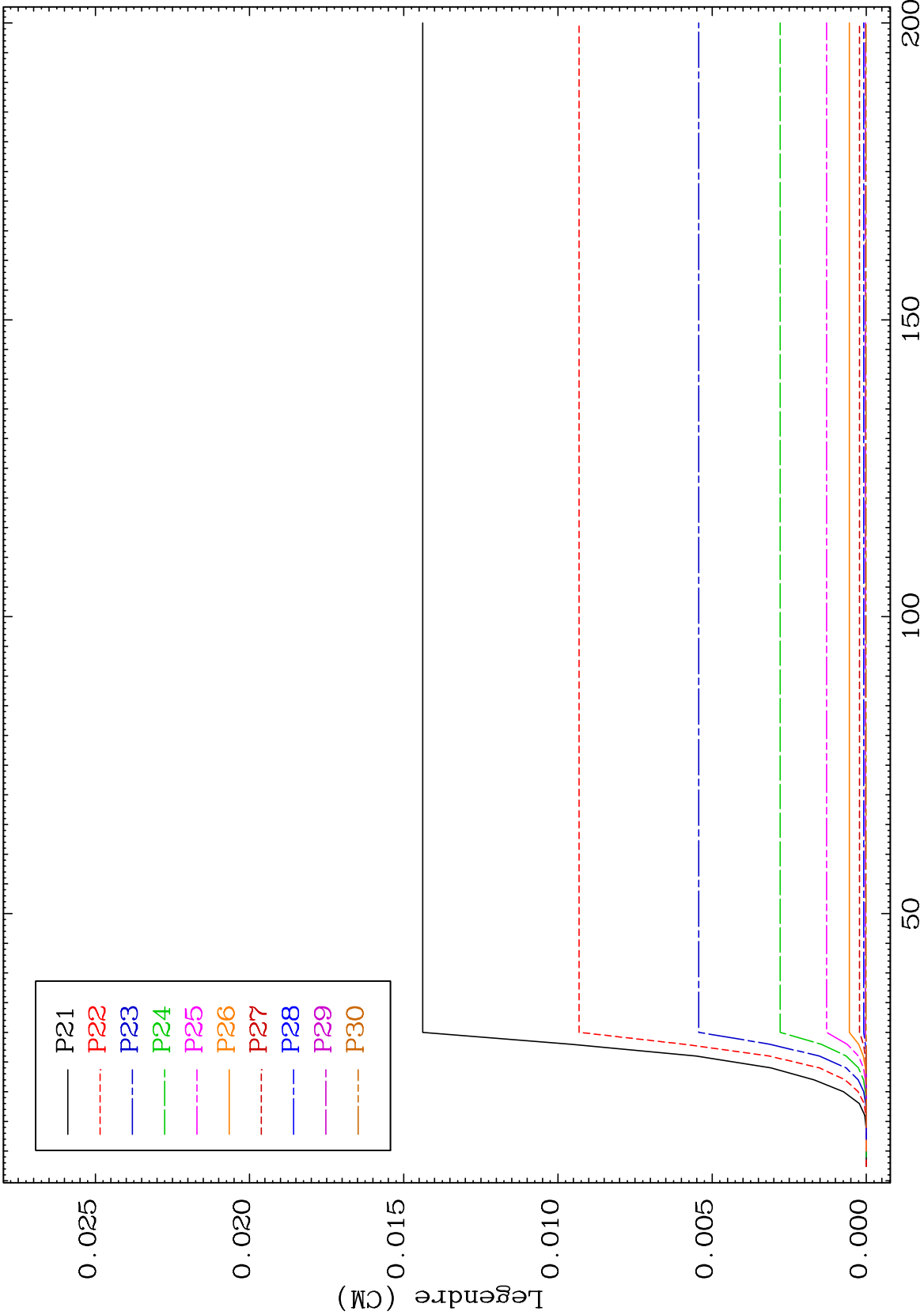
88-Ra-210



21

Incident Energy (MeV)

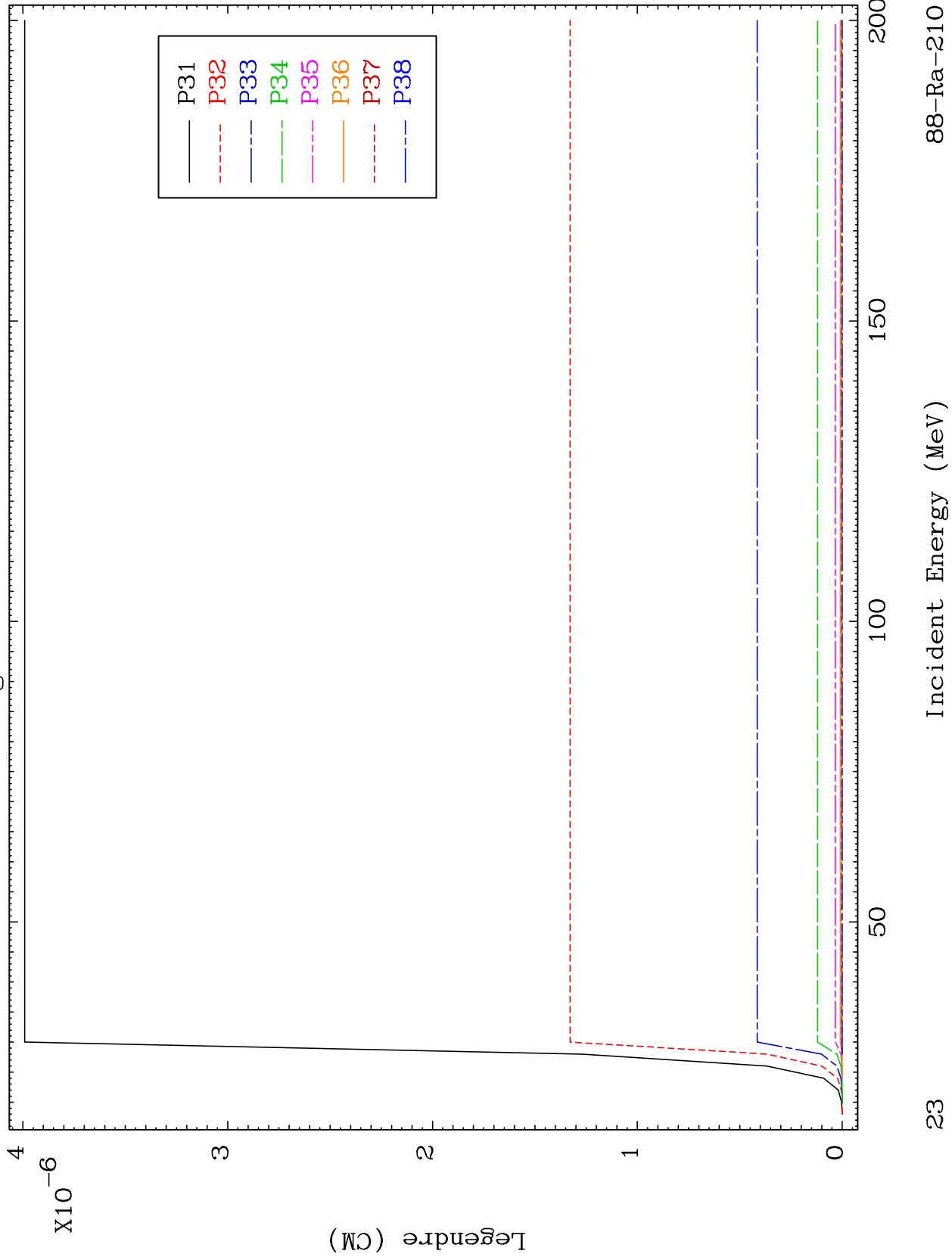
88-Ra-210



MAT 8786

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

88-Ra-210

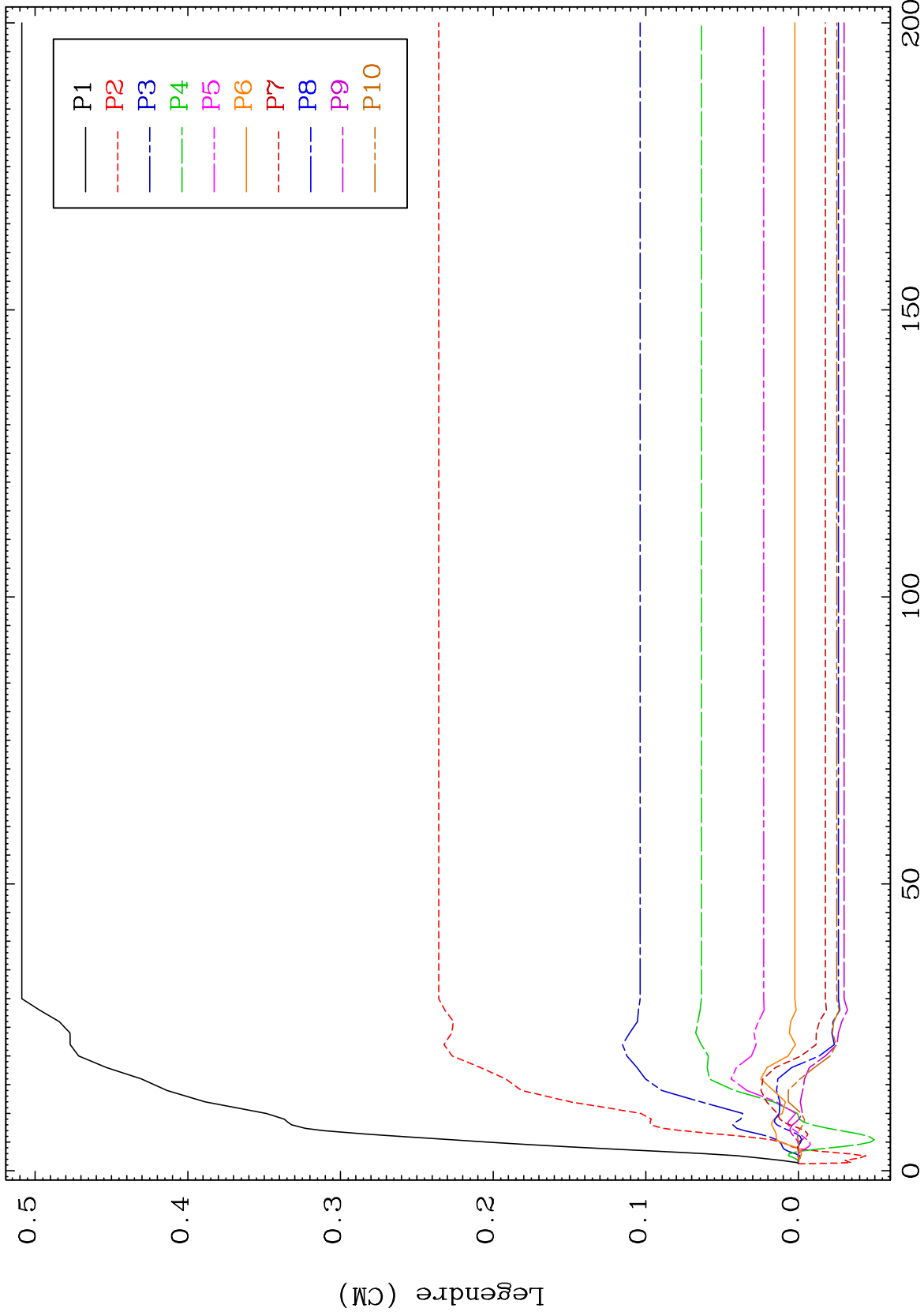


23

MAT 8786

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

88-Ra-210



24

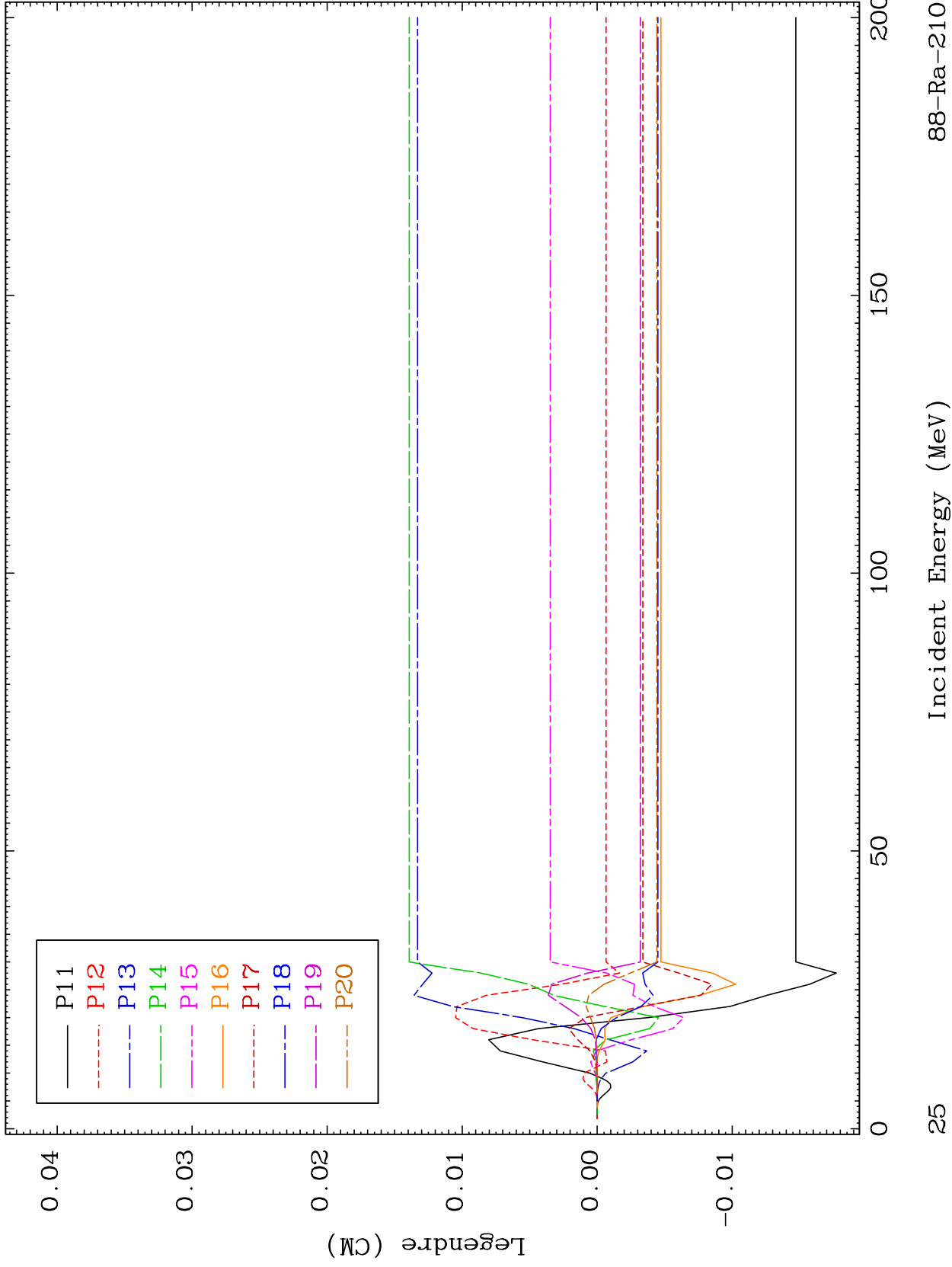
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

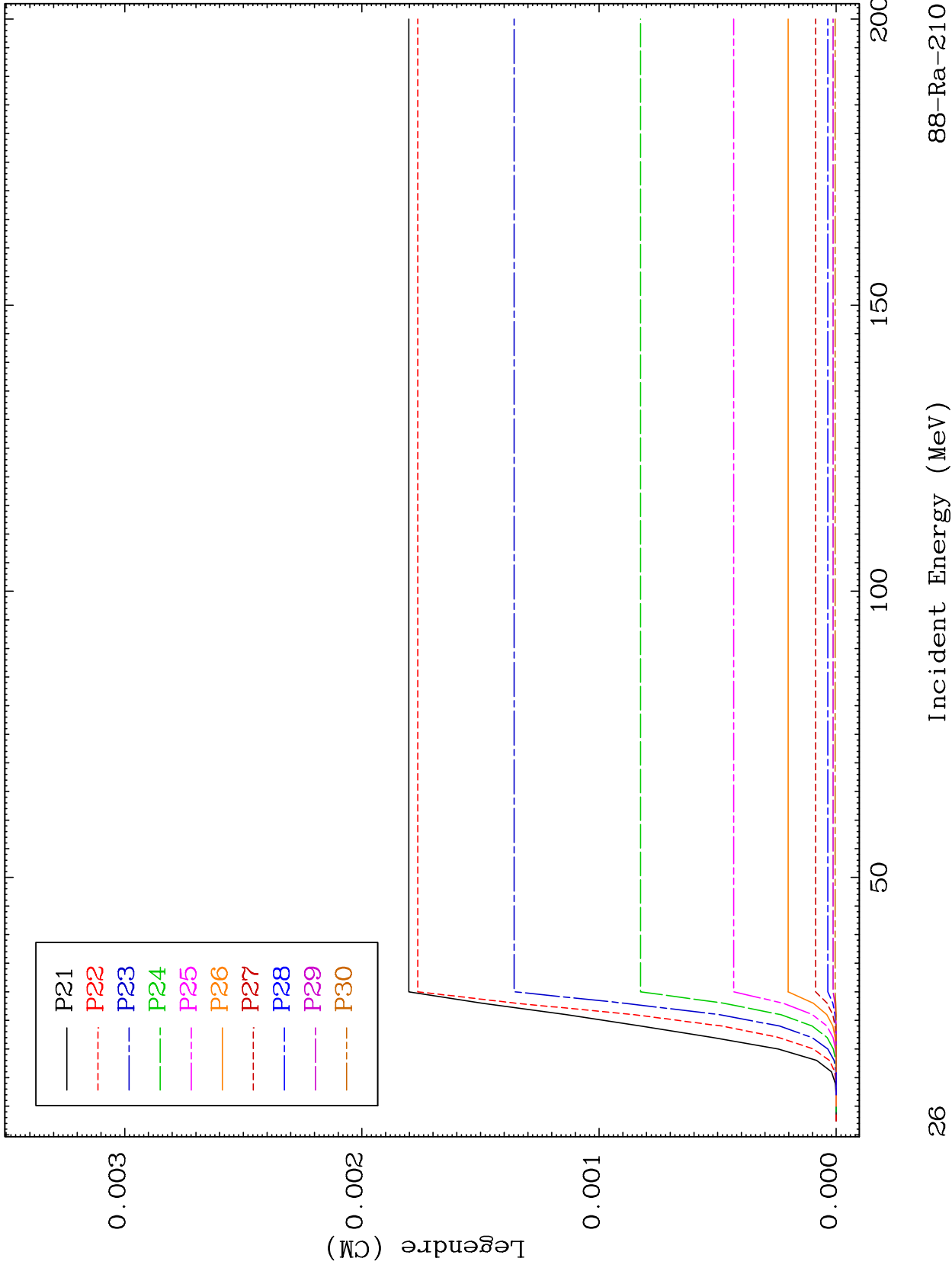
Incident Energy (MeV)

25

MAT 8786

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

88-Ra-210



26

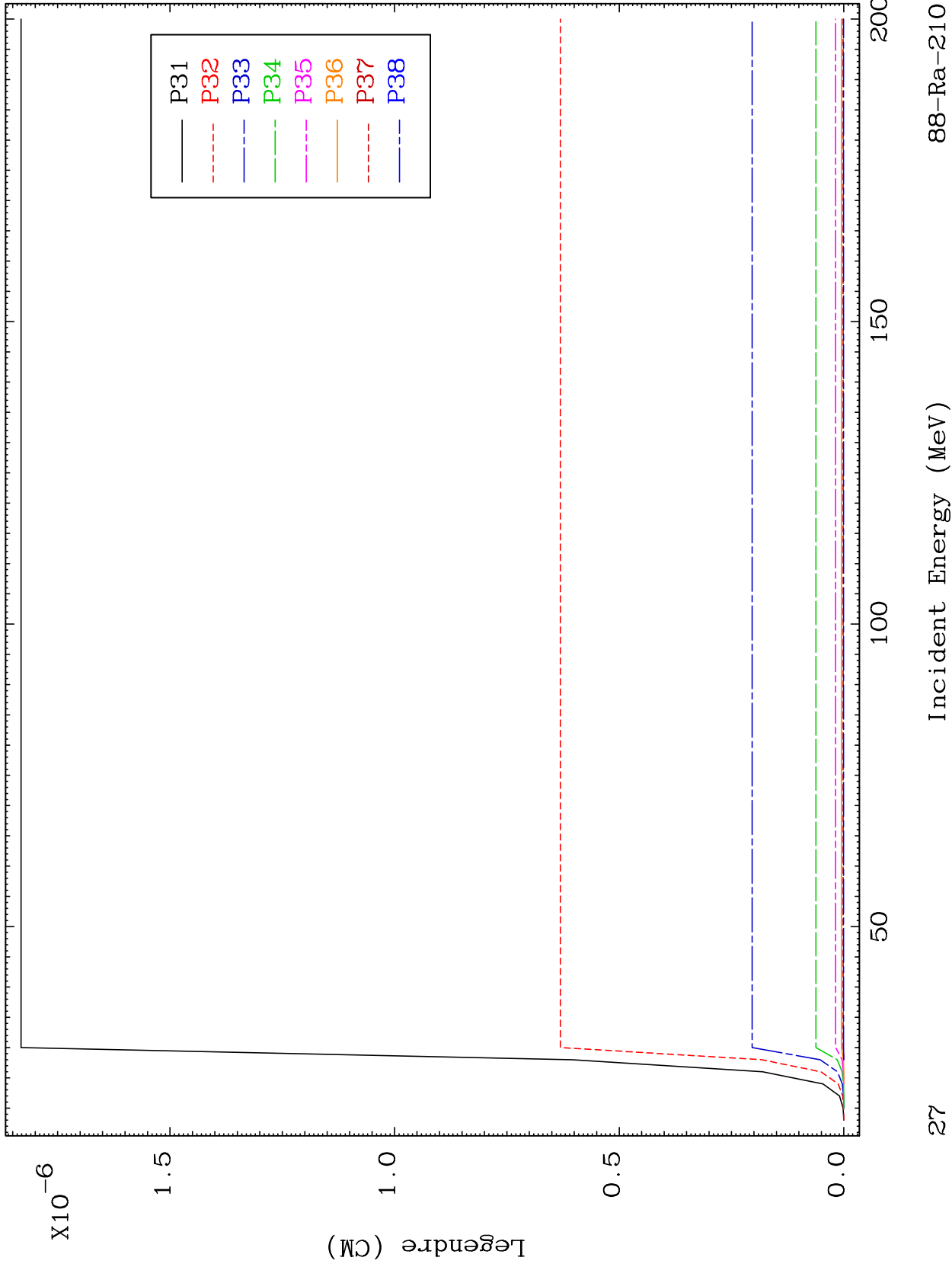
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



27

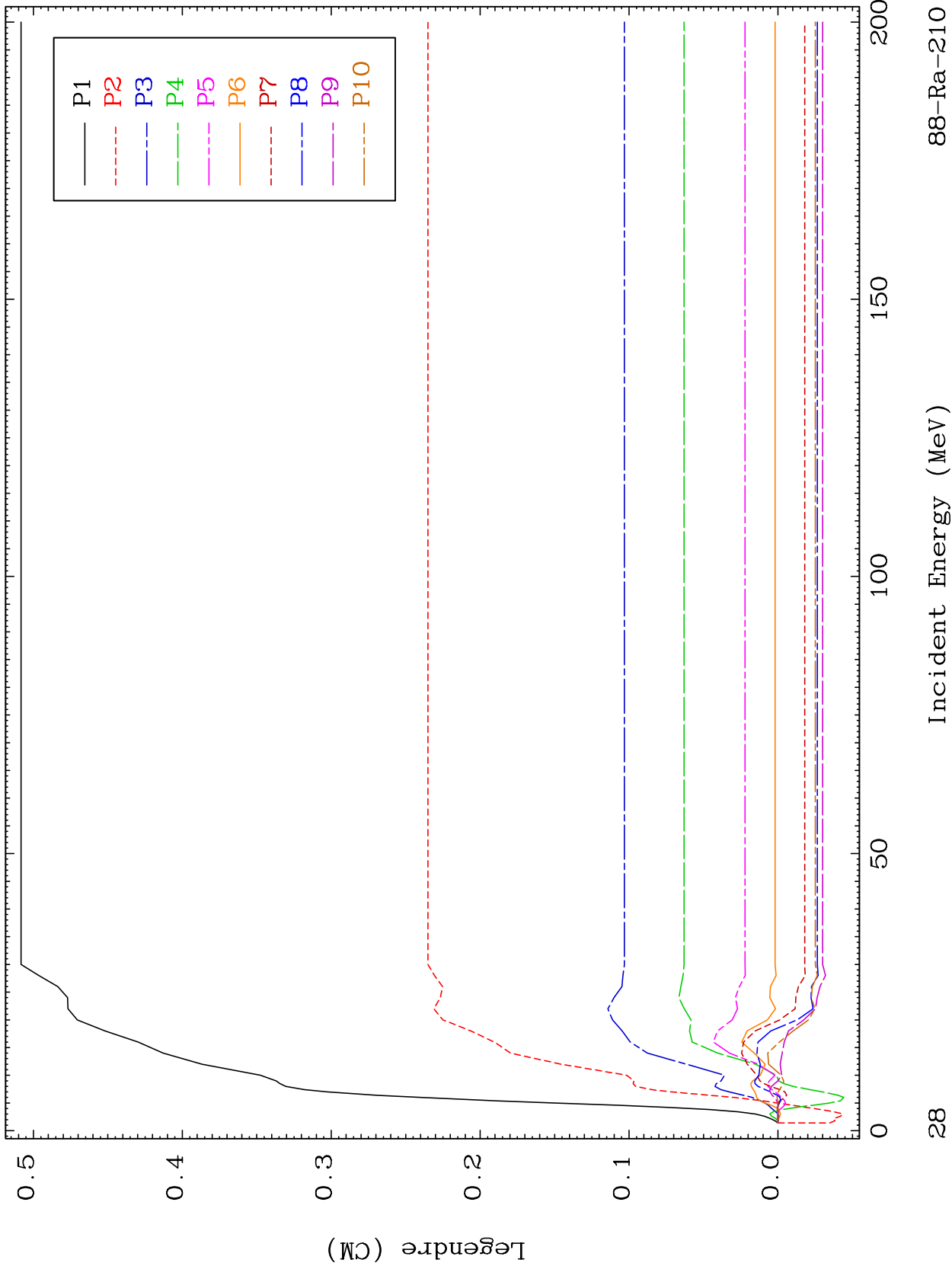
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

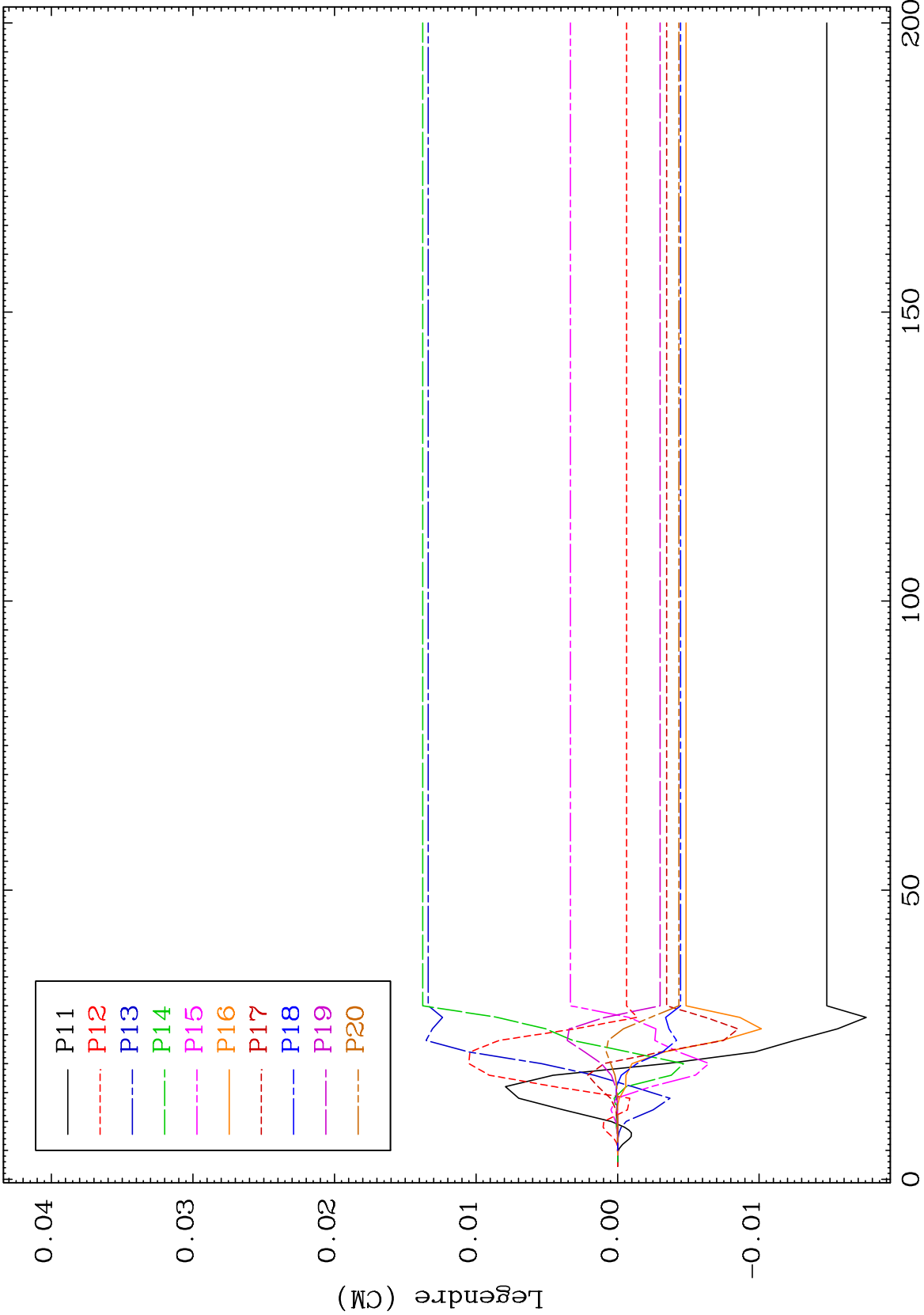
Incident Energy (MeV)

28

MAT 8786

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

88-Ra-210



29

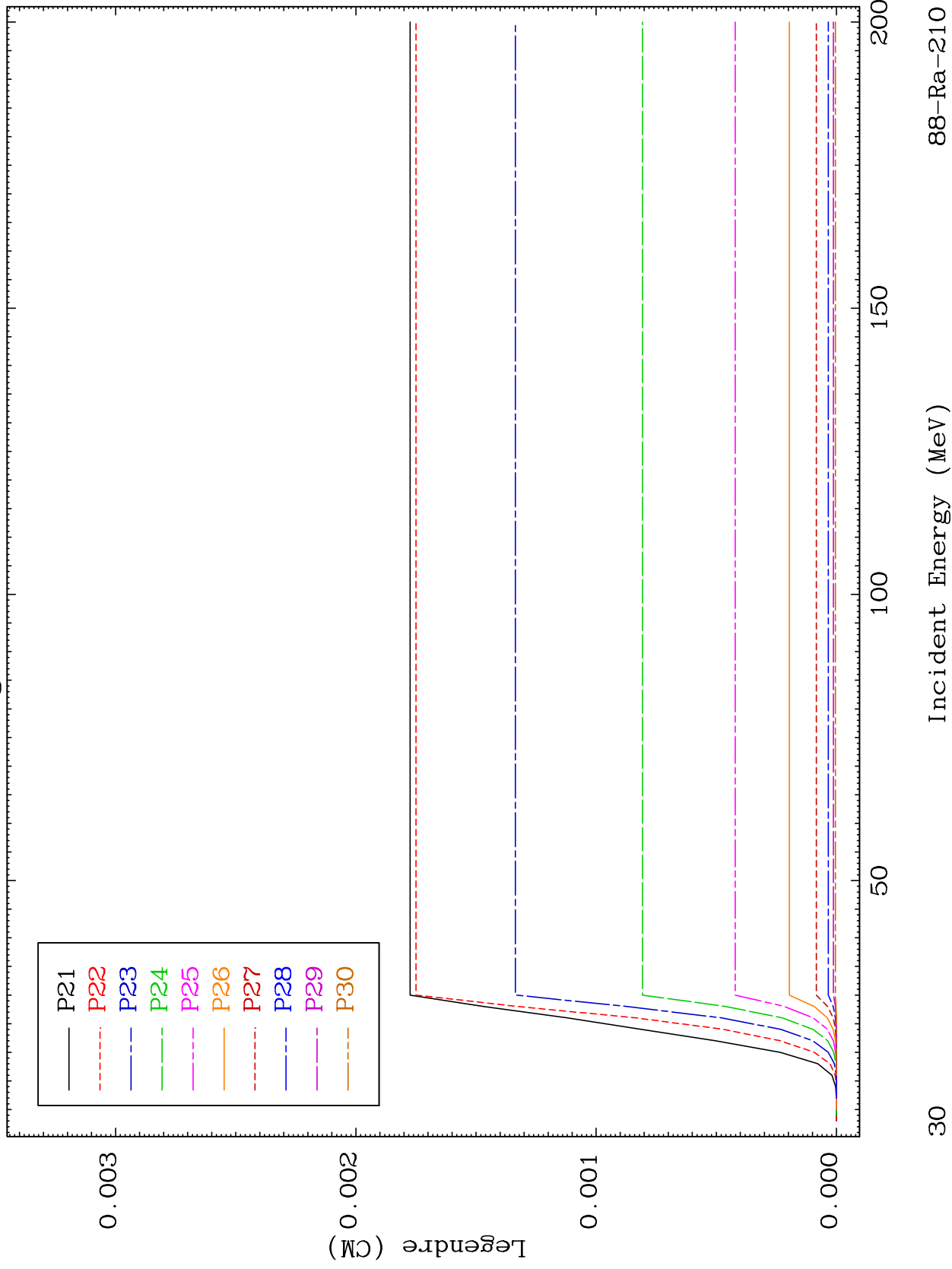
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

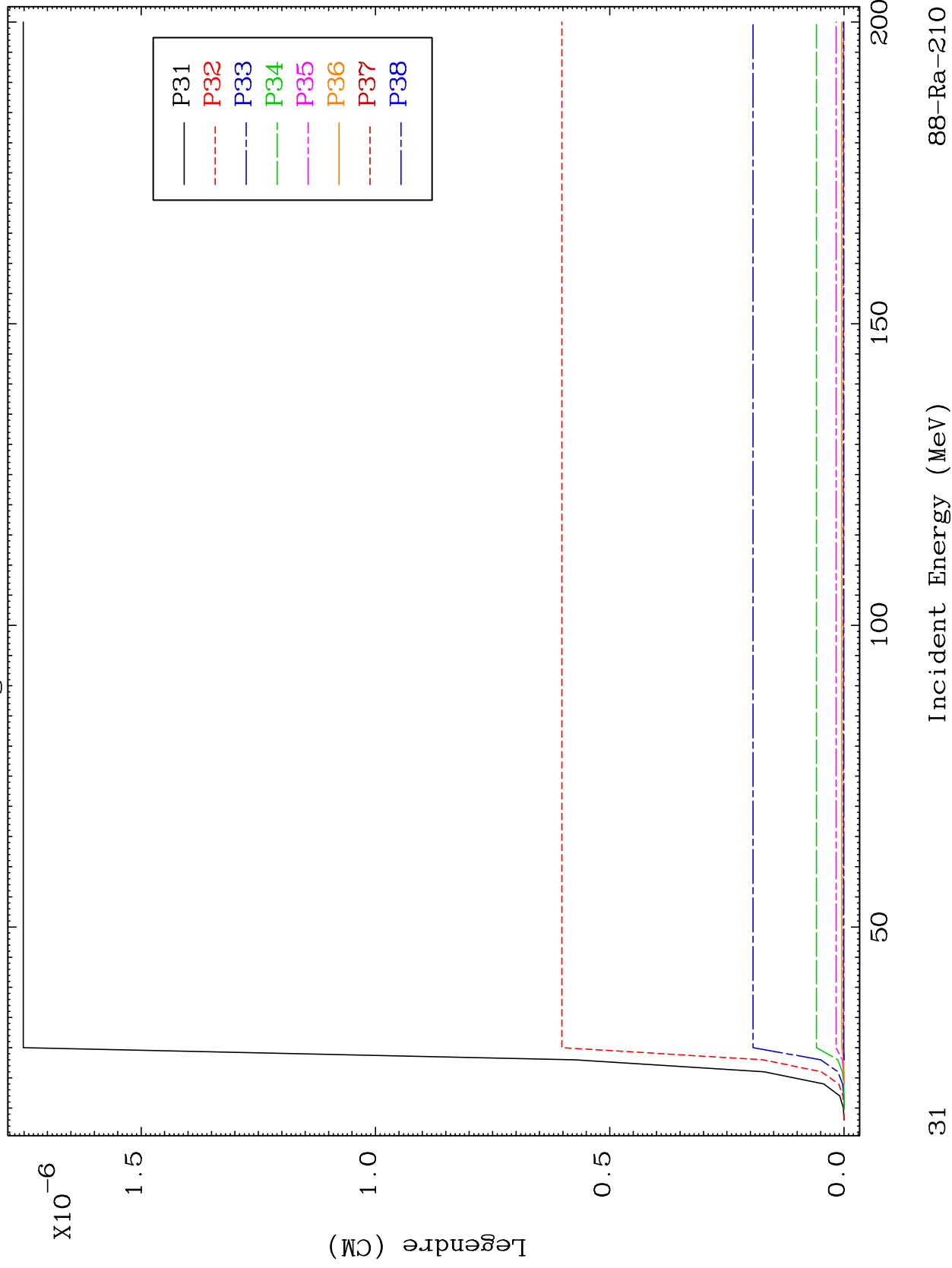
Incident Energy (MeV)

30

MAT 8786

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

88-Ra-210



31

Incident Energy (MeV)

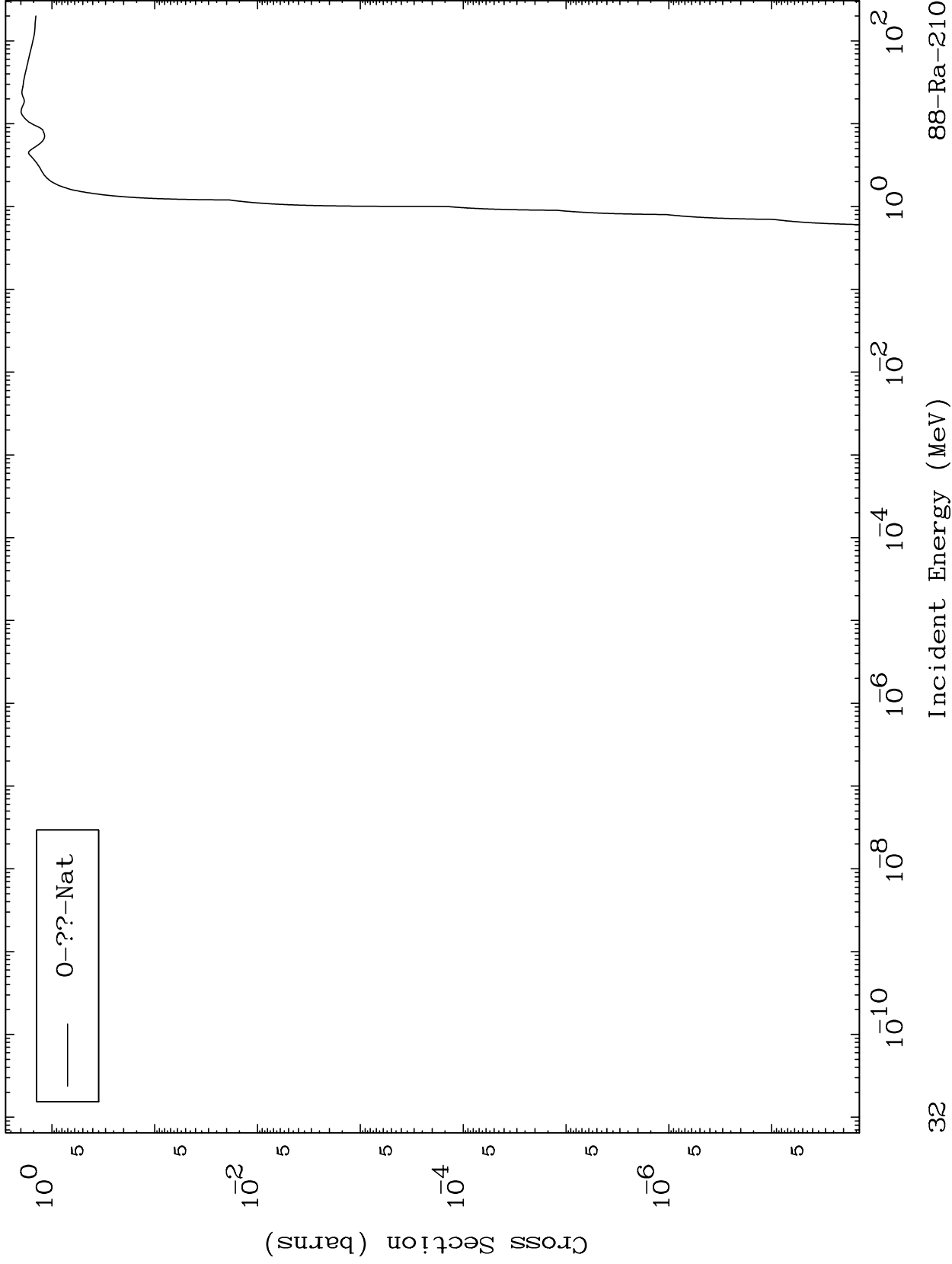
88-Ra-210

MAT 8786

Fission

88-Ra-210

Radionuclide Production Cross Section

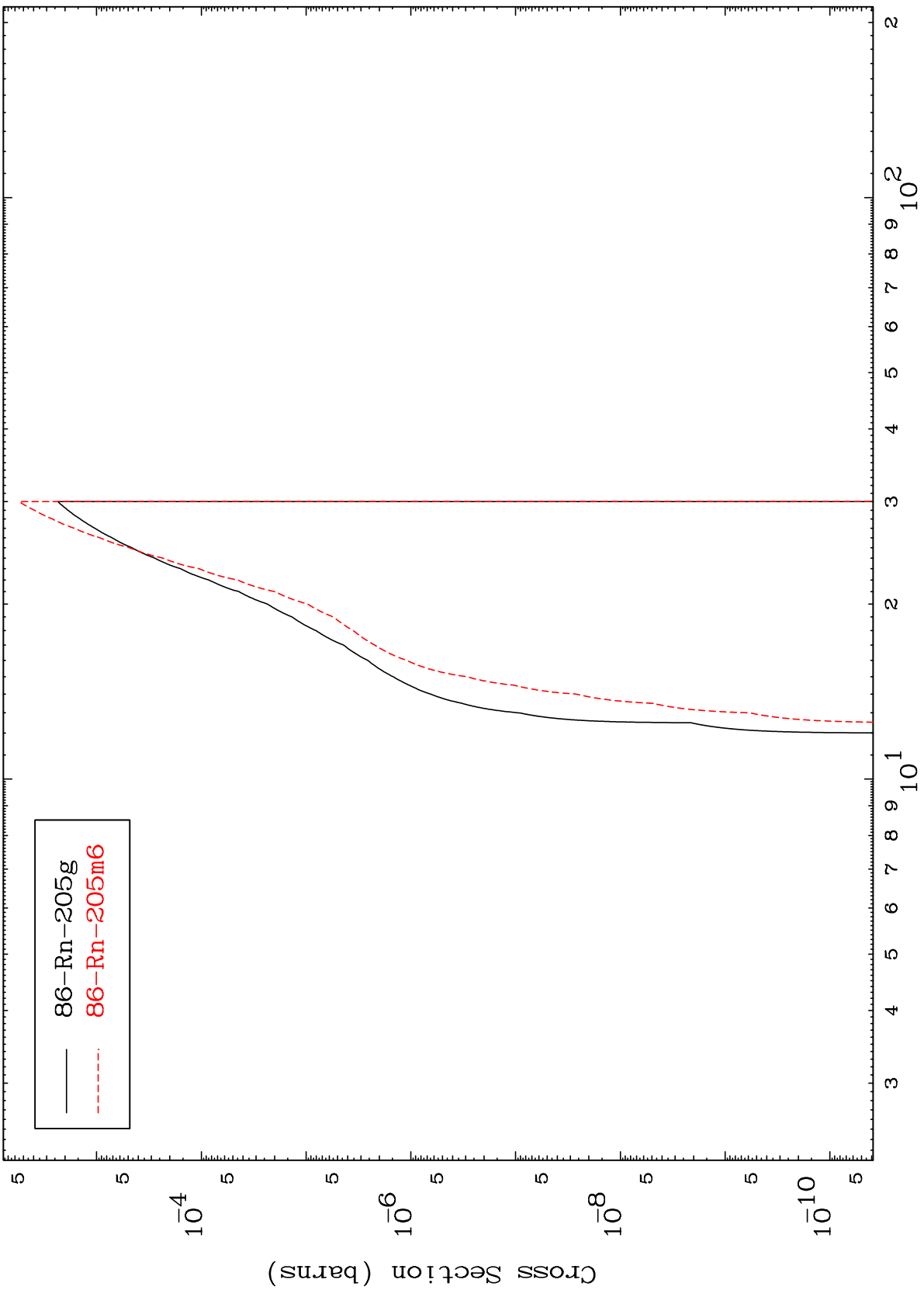


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(n,2n) α

88-Ra-210

Radionuclide Production Cross Section



33

Incident Energy (MeV)

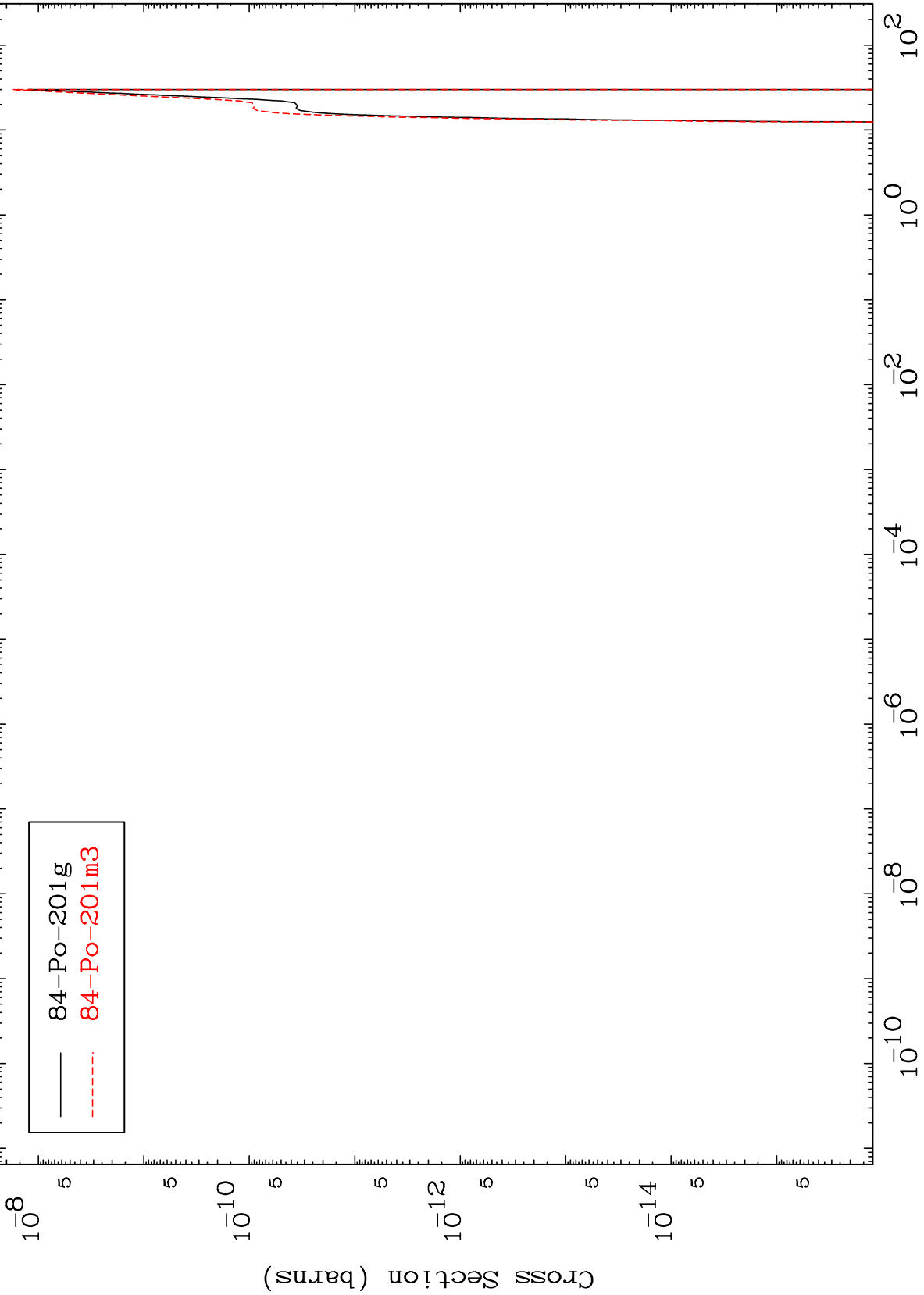
88-Ra-210

MAT 8786

$(n,2n) 2\alpha$

88-Ra-210

Radionuclide Production Cross Section

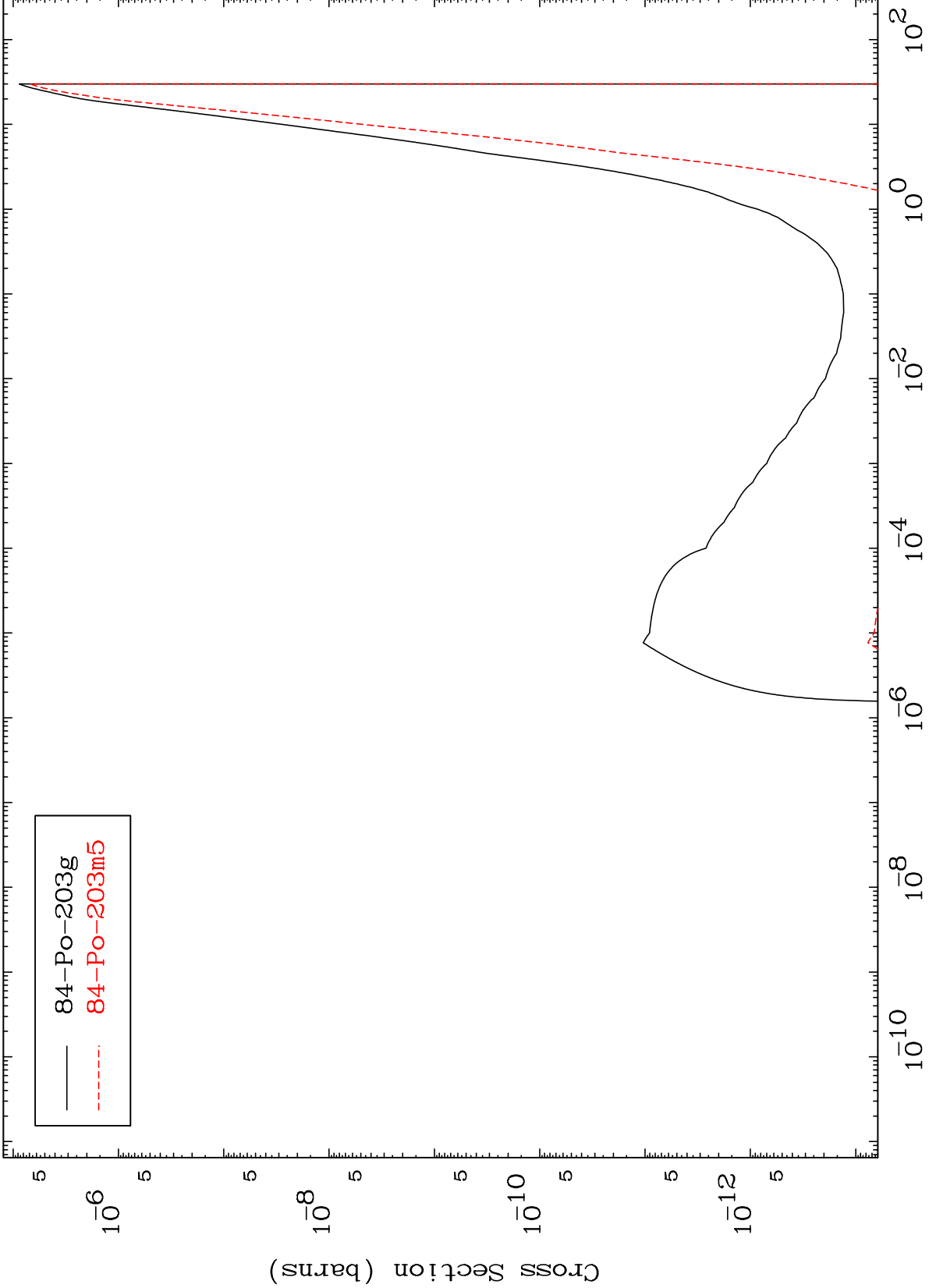
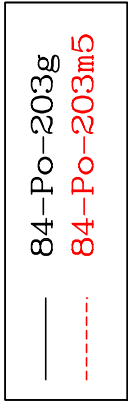


MAT 8786

(n,2 α)

88-Ra-210

Radionuclide Production Cross Section

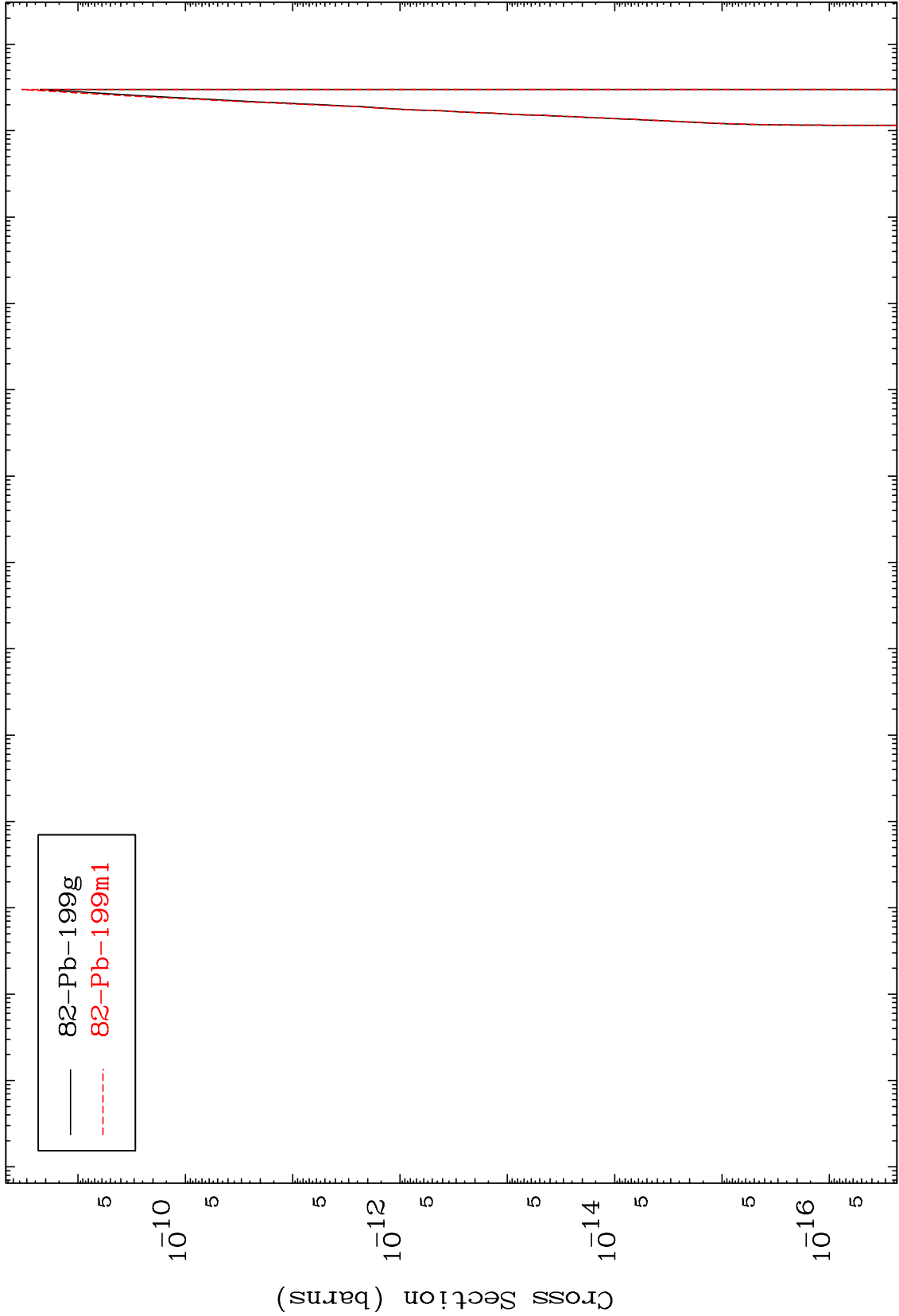
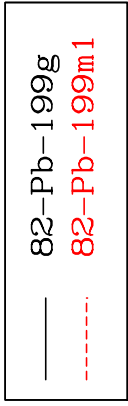


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(n, 3α)

88-Ra-210

Radionuclide Production Cross Section



88-Ra-210

Incident Energy (MeV)

88-Ra-210