

Program EVALPLOT
(Version 2021-1)

by

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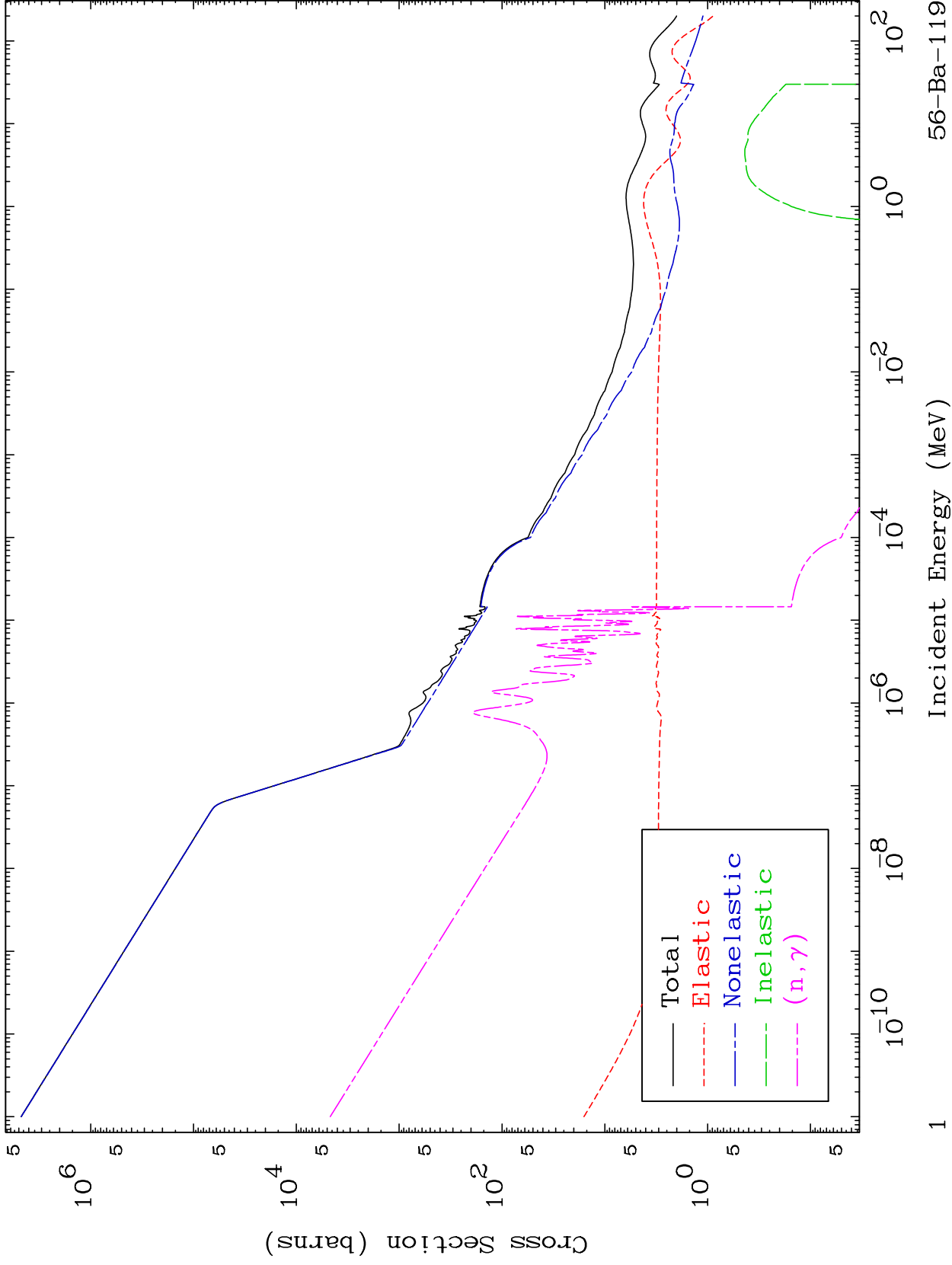
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Press Mouse Button to Start

MAT 5592

Neutron Major
293 Kelvin Cross Sections

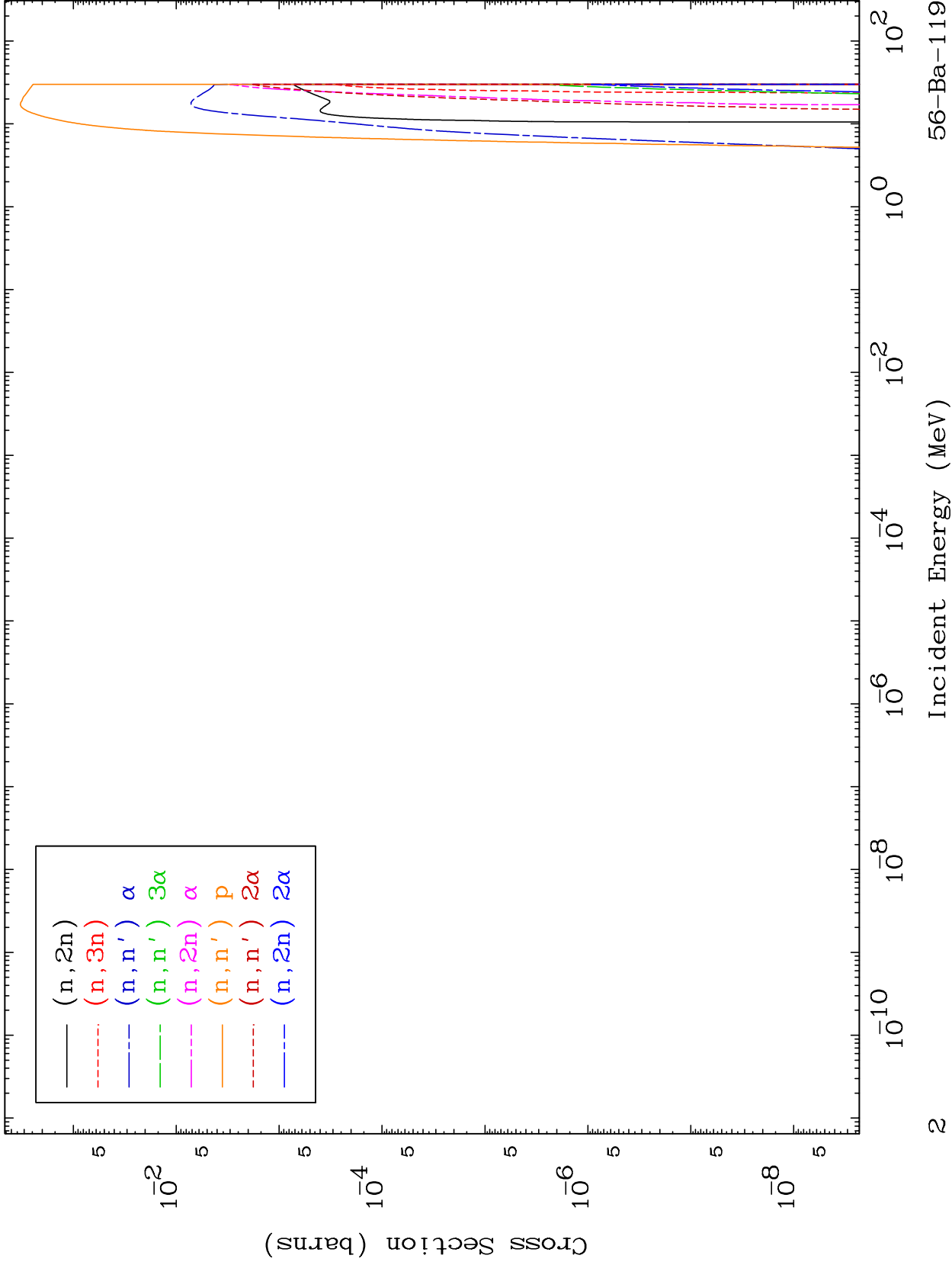
56-Ba-119



MAT 5592

Neutron Absorption
293 Kelvin Cross Sections

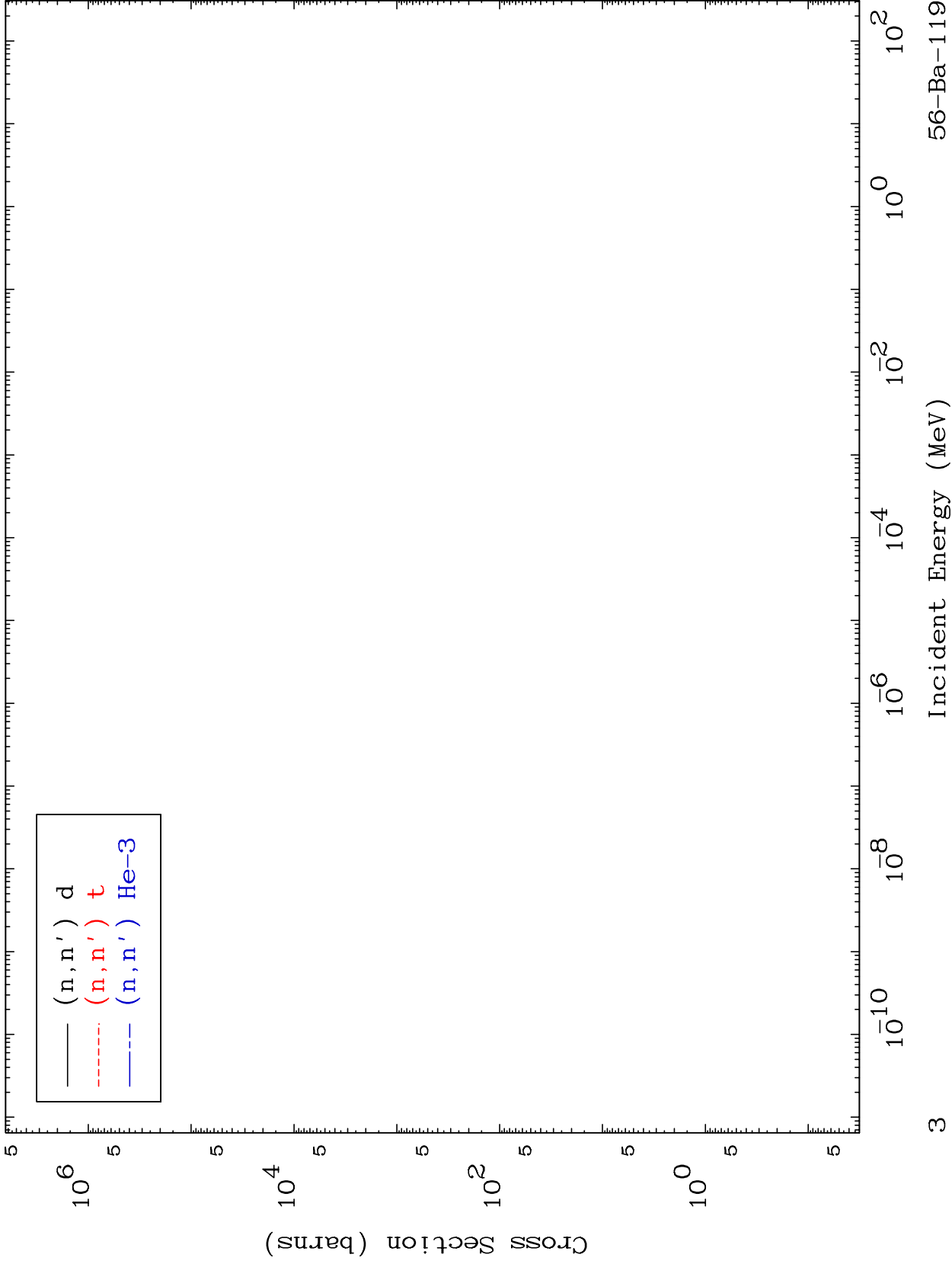
56-Ba-119



MAT 5592

Neutron Absorption
293 Kelvin Cross Sections

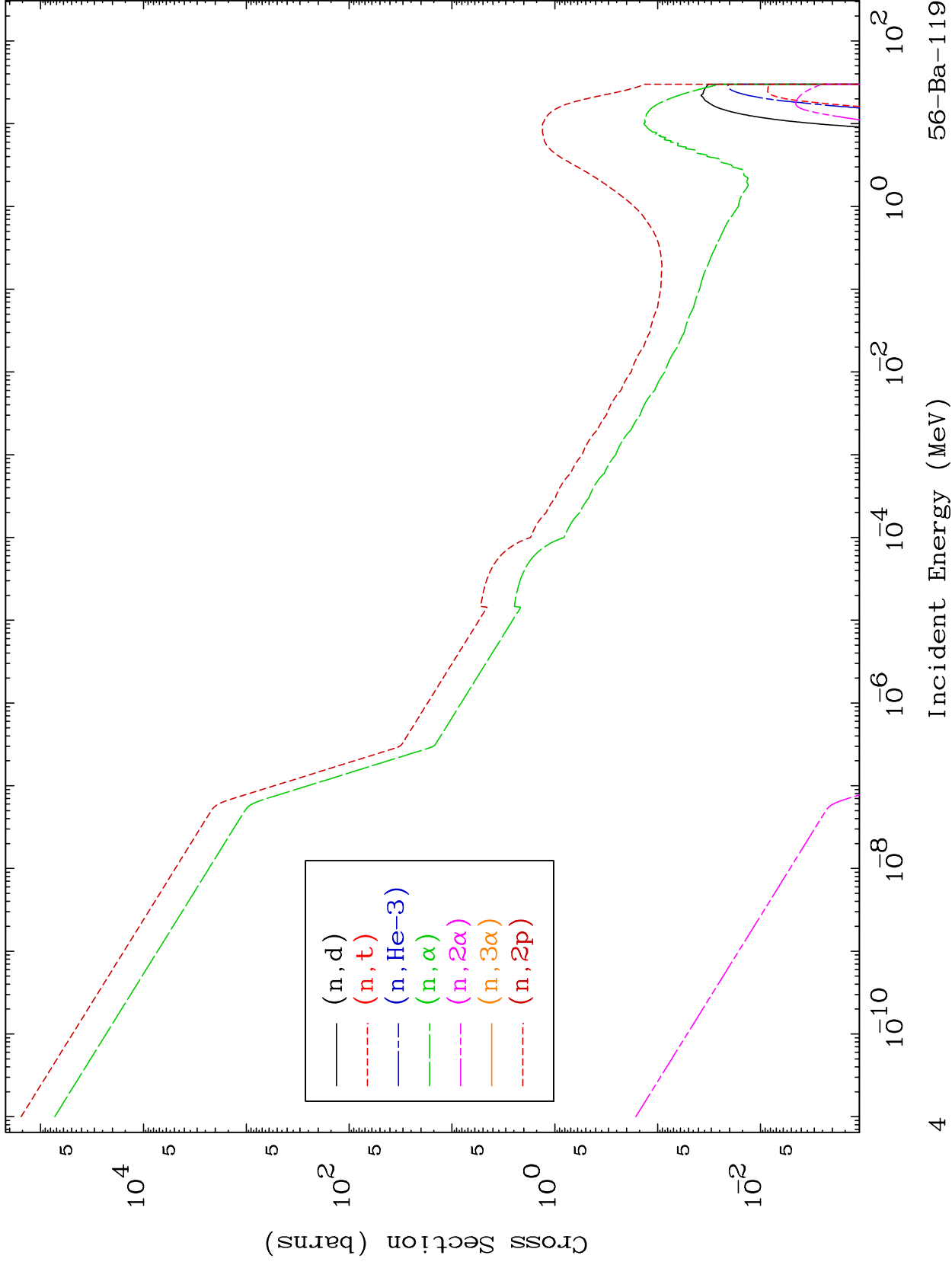
56-Ba-119



MAT 5592

Neutron Absorption
293 Kelvin Cross Sections

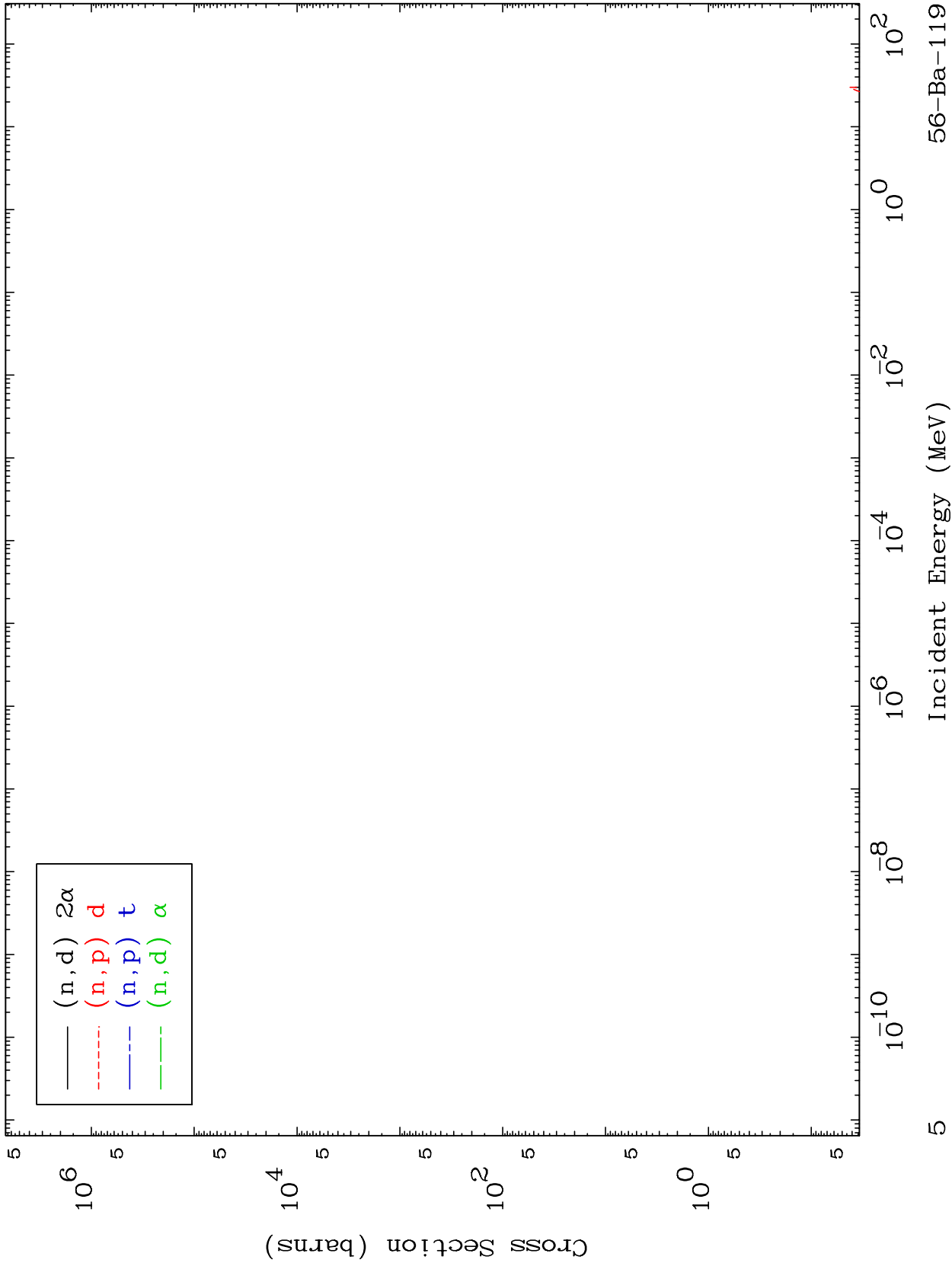
56-Ba-119



MAT 5592

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-119



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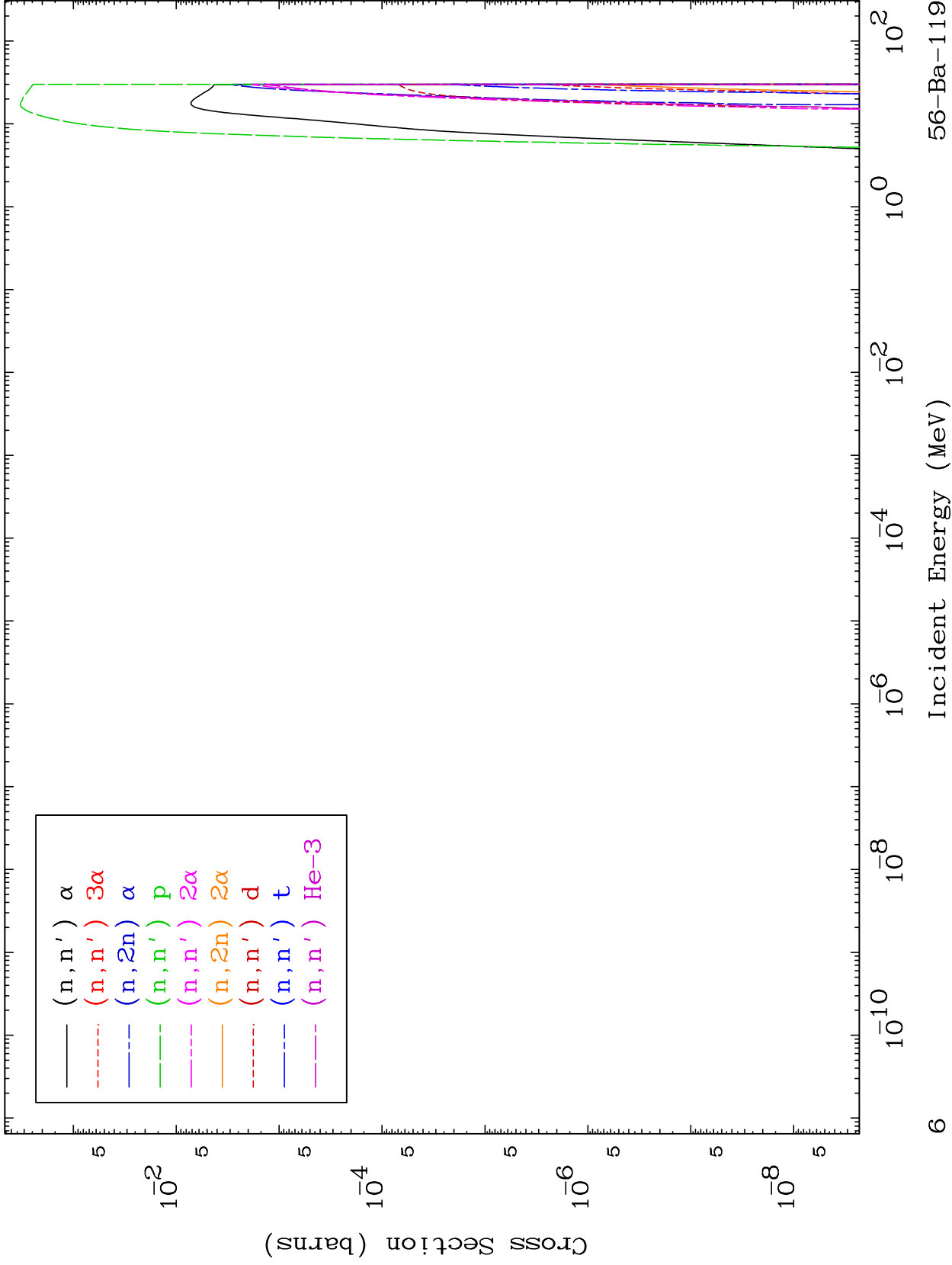
Incident Energy (MeV)

56-Ba-119

MAT 5592

Charged Particle
293 Kelvin Cross Sections

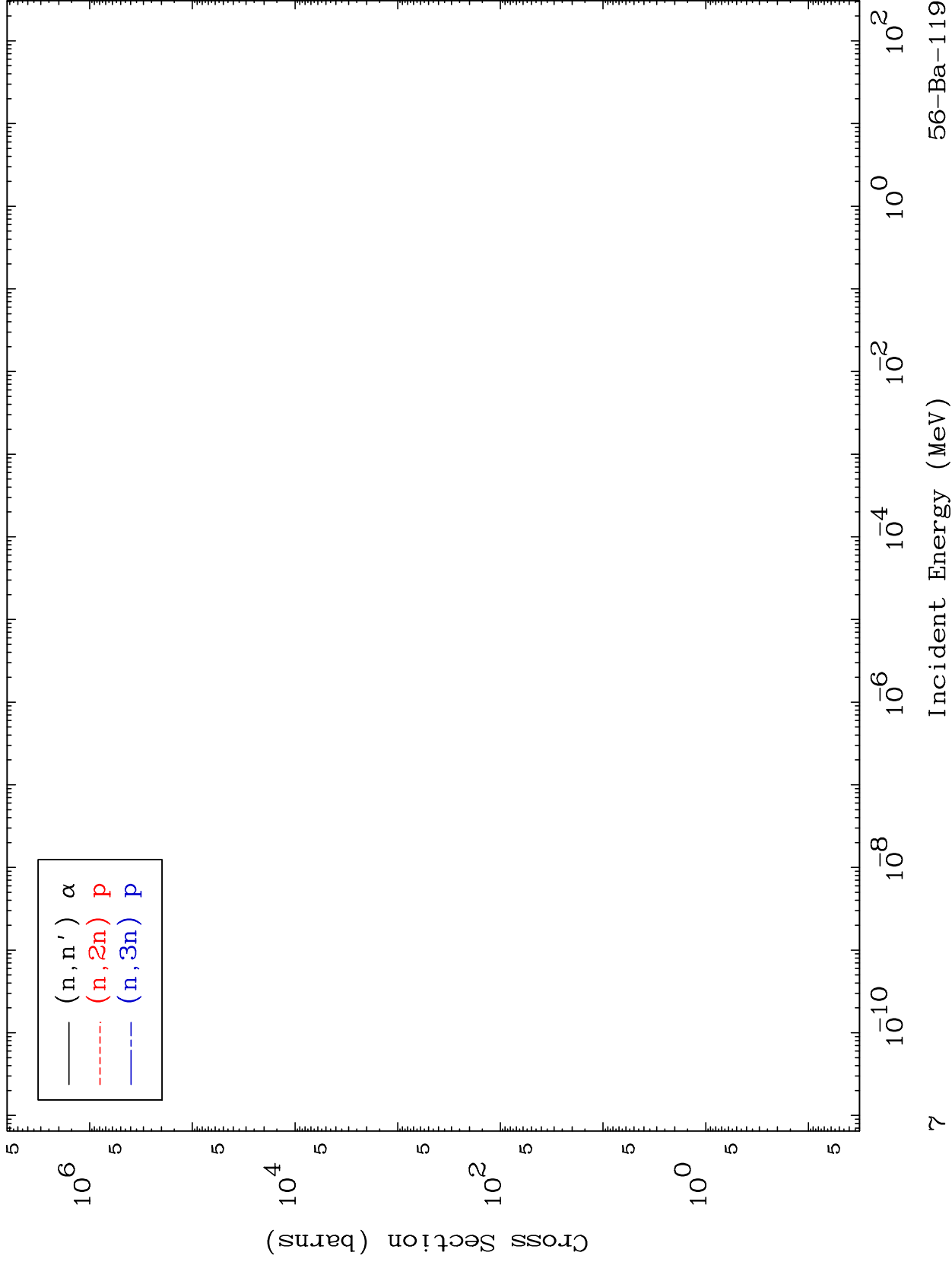
56-Ba-119



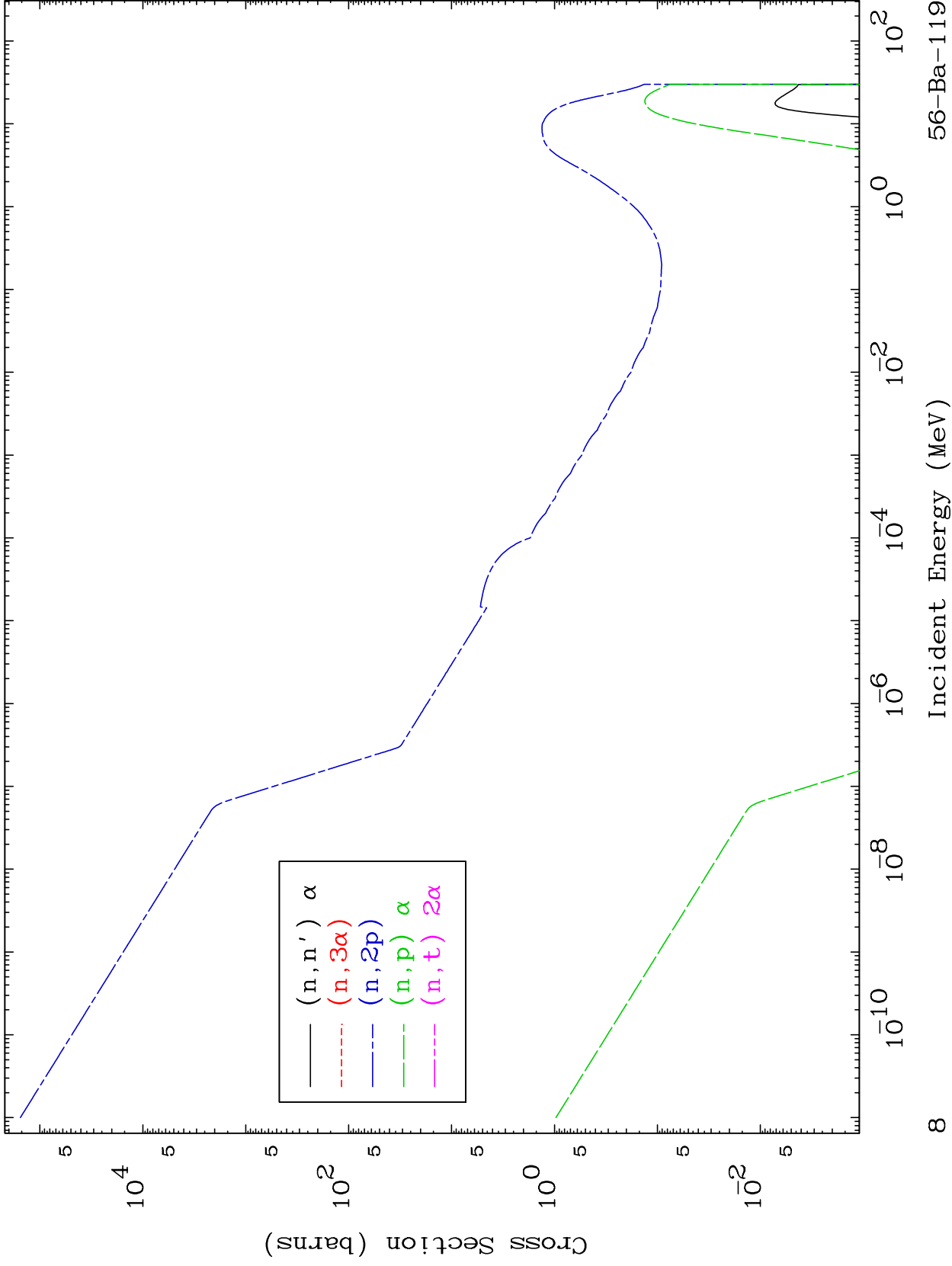
MAT 5592

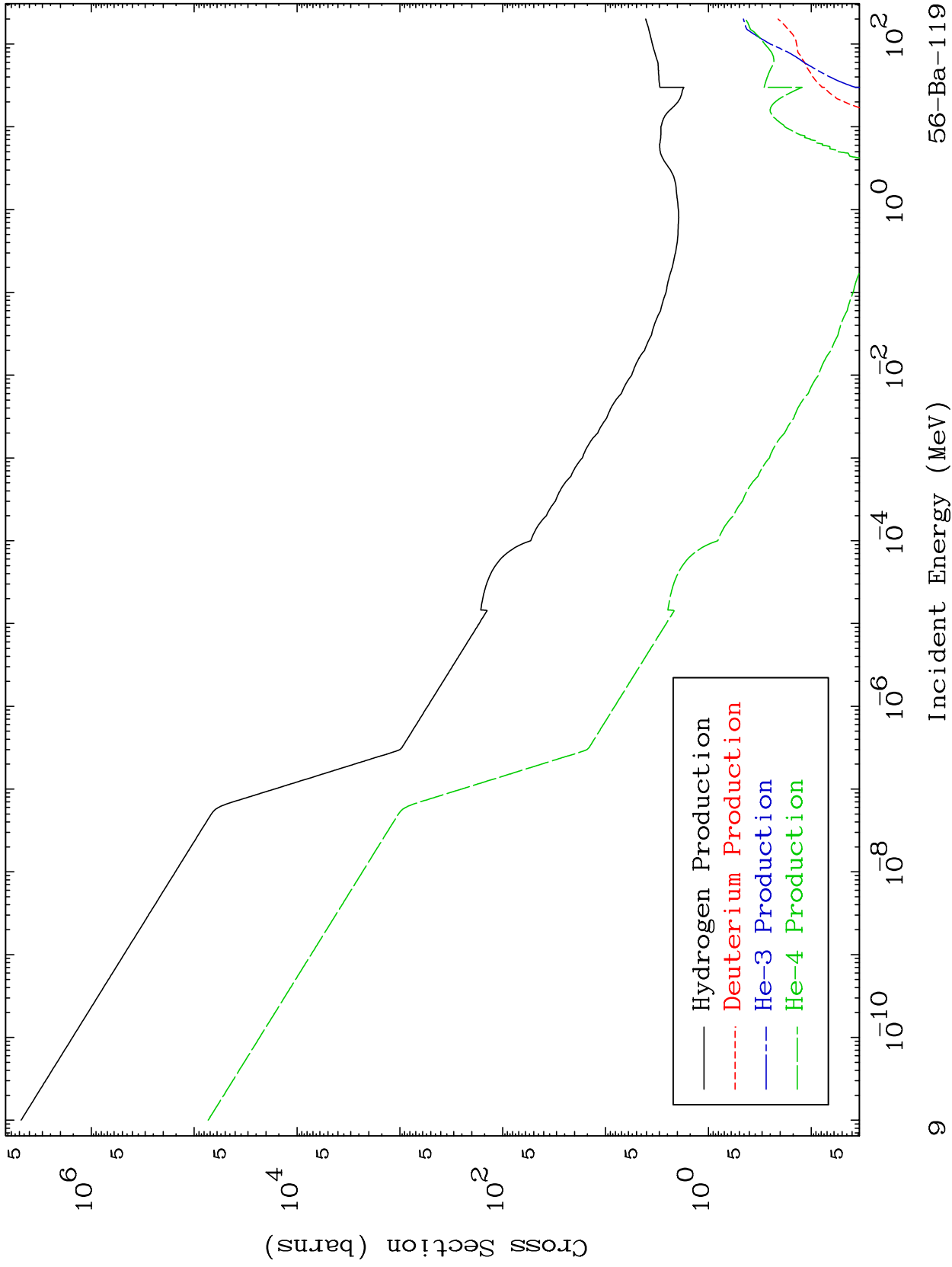
Charged Particle
293 Kelvin Cross Sections

56-Ba-119



56-Ba-119



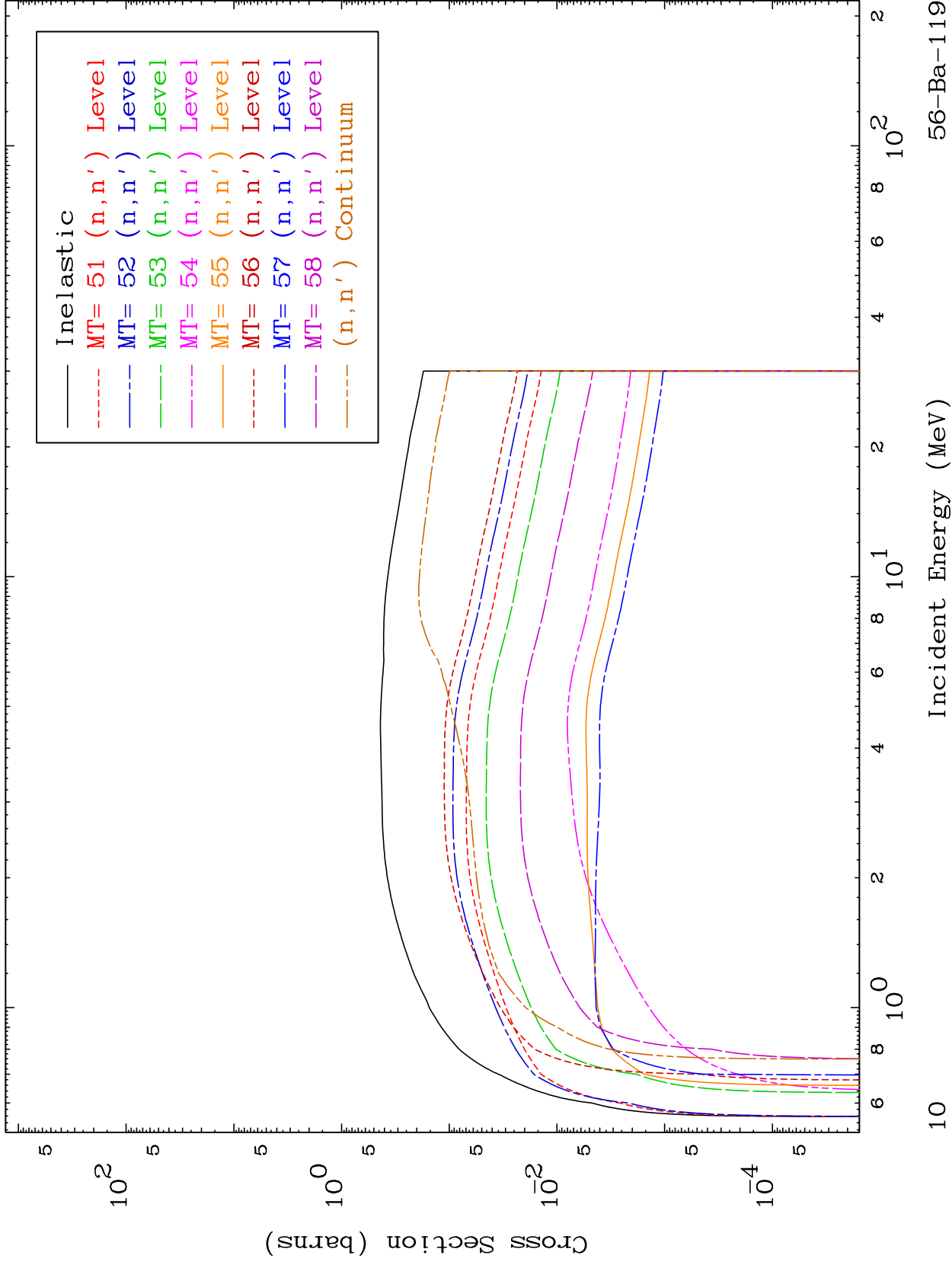


MAT 5592

(n,n') Levels

56-Ba-119

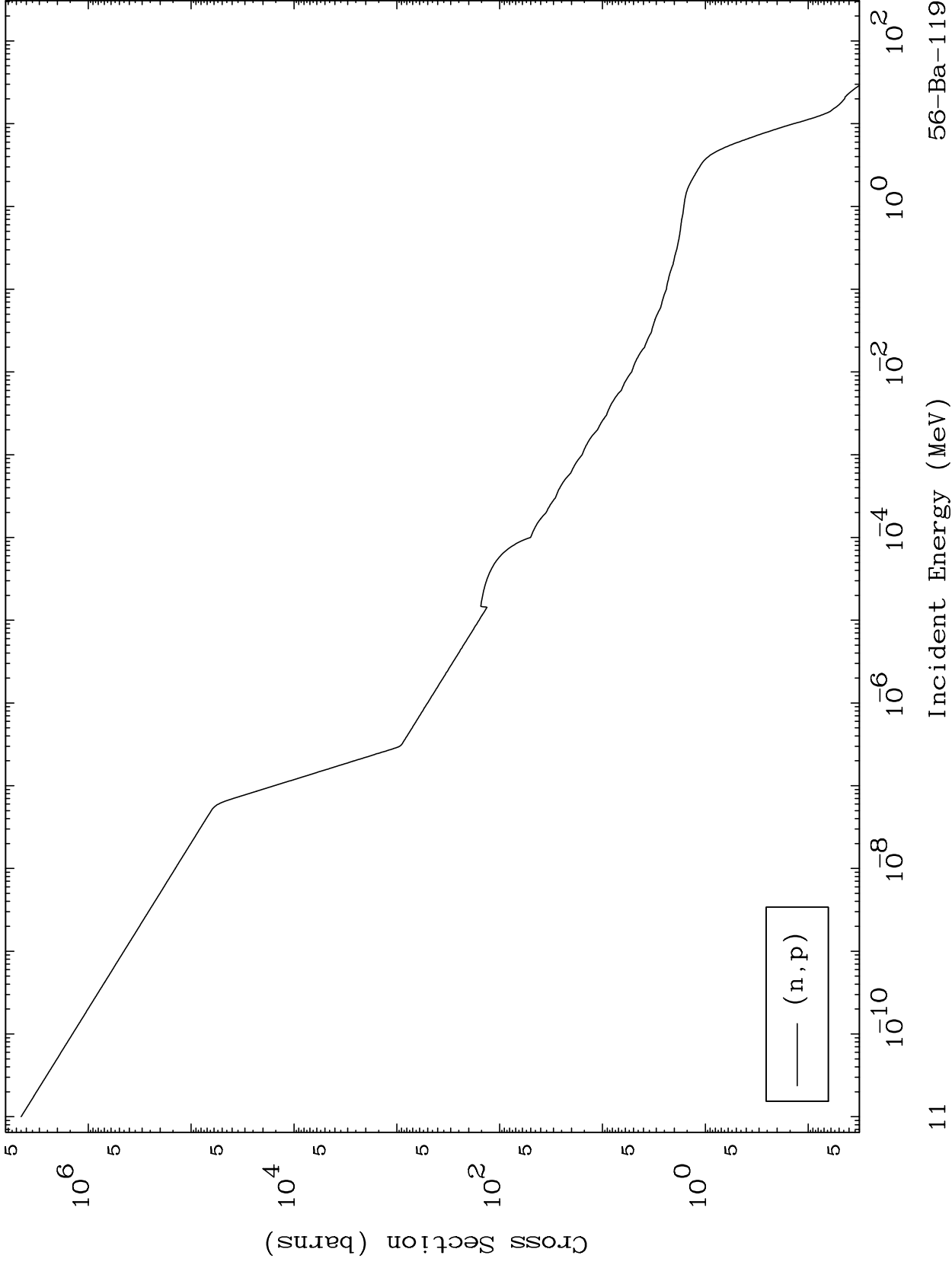
293 Kelvin Cross Sections



MAT 5592

(n,p) Levels
293 Kelvin Cross Sections

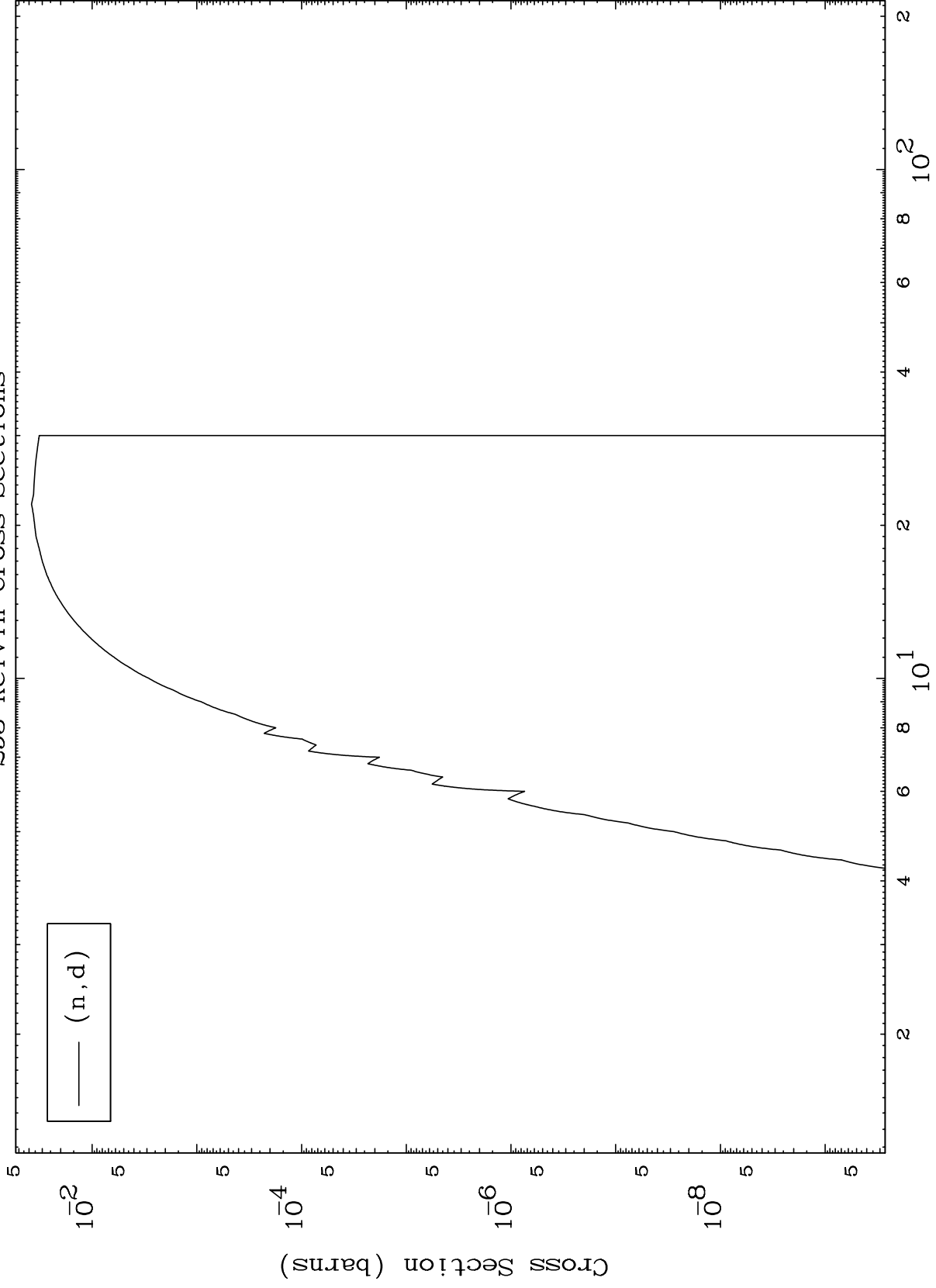
56-Ba-119



MAT 5592

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-119



12

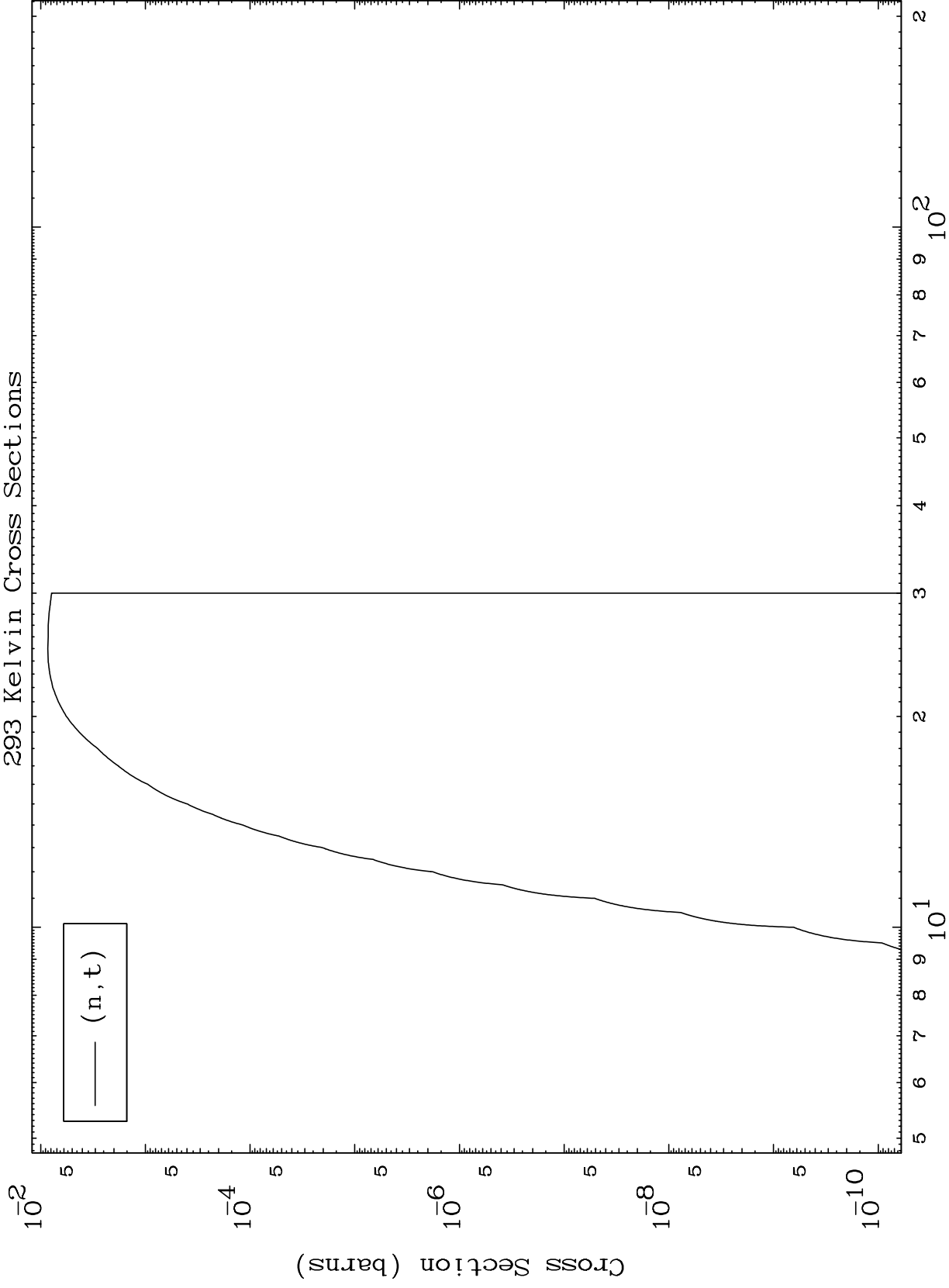
Incident Energy (MeV)

56-Ba-119

MAT 5592

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-119



13

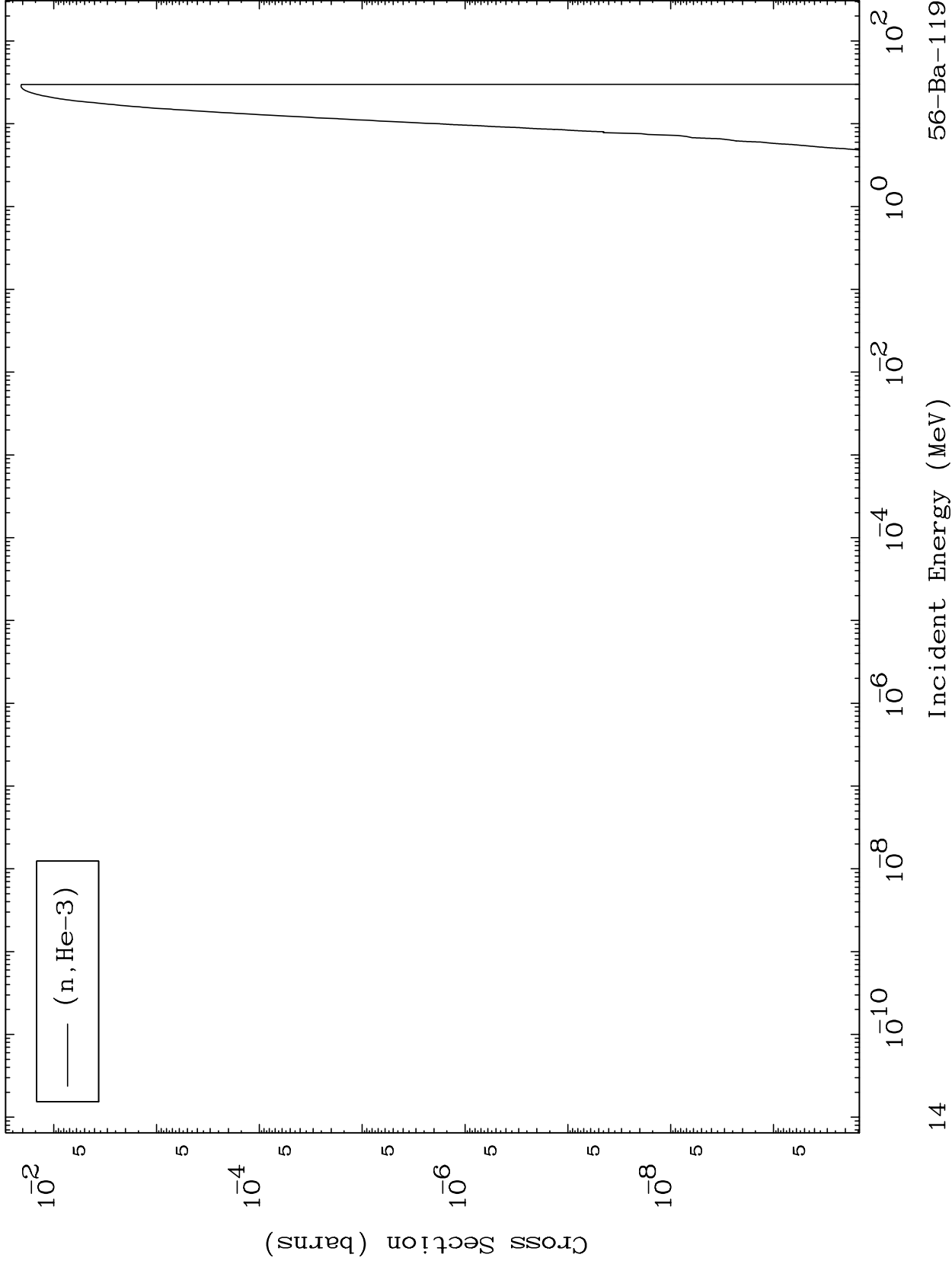
Incident Energy (MeV)

56-Ba-119

MAT 5592

(n,He3) Levels
293 Kelvin Cross Sections

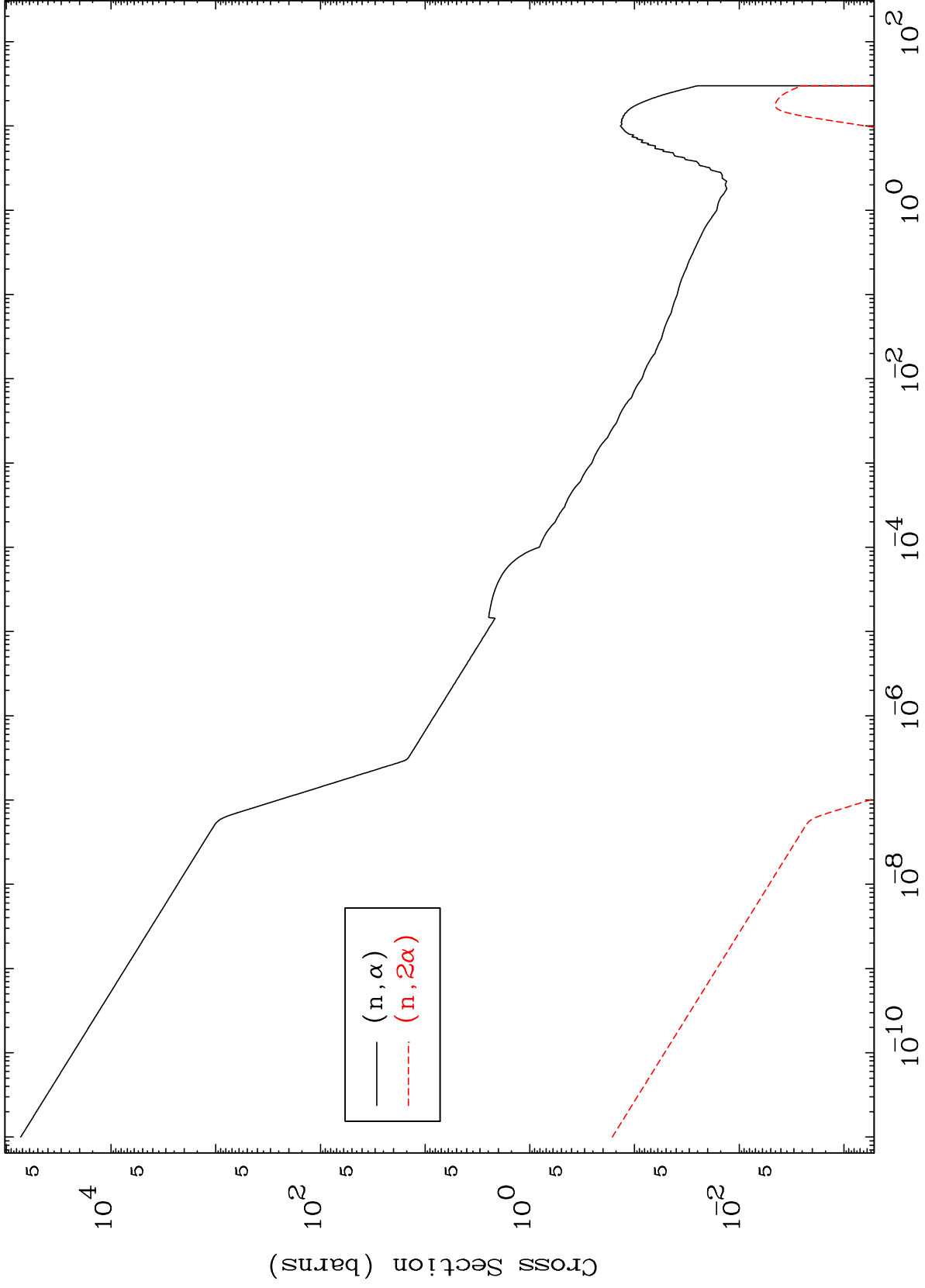
56-Ba-119



MAT 5592

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-119



15

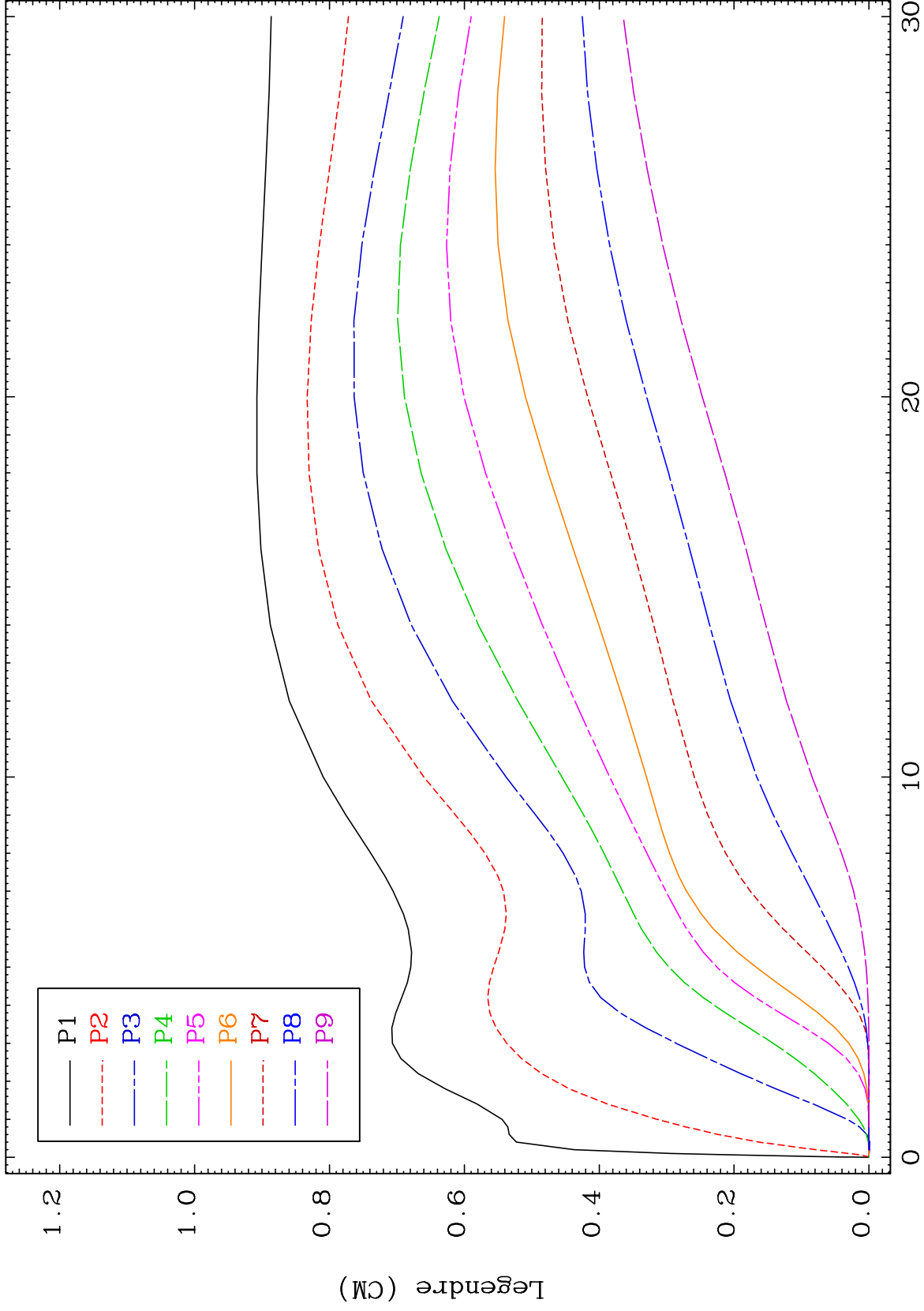
Incident Energy (MeV)

56-Ba-119

MAT 5592

Elastic Legendre Coefficients

56-Ba-119



16

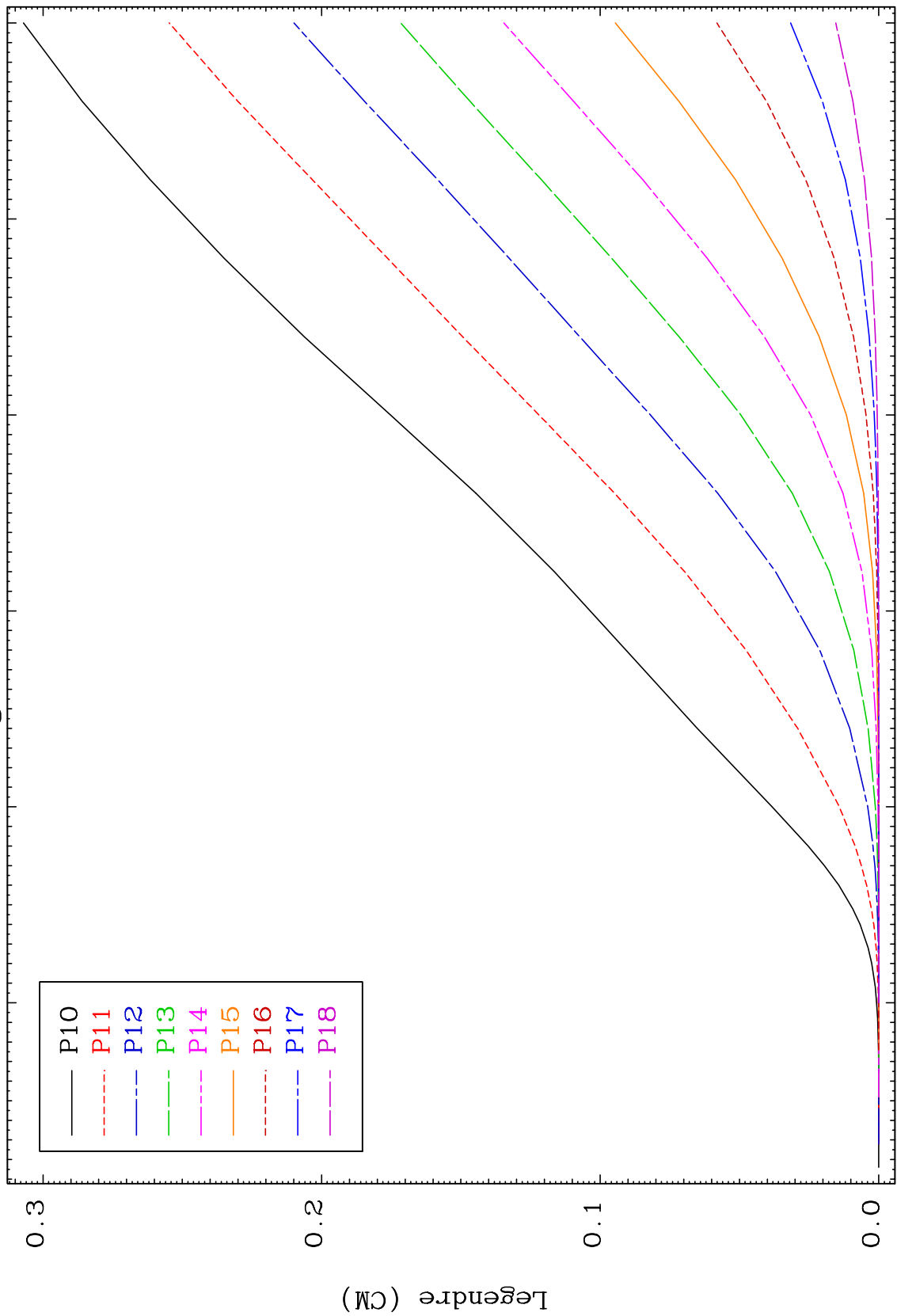
Incident Energy (MeV)

56-Ba-119

MAT 5592

Elastic Legendre Coefficients

56-Ba-119



17

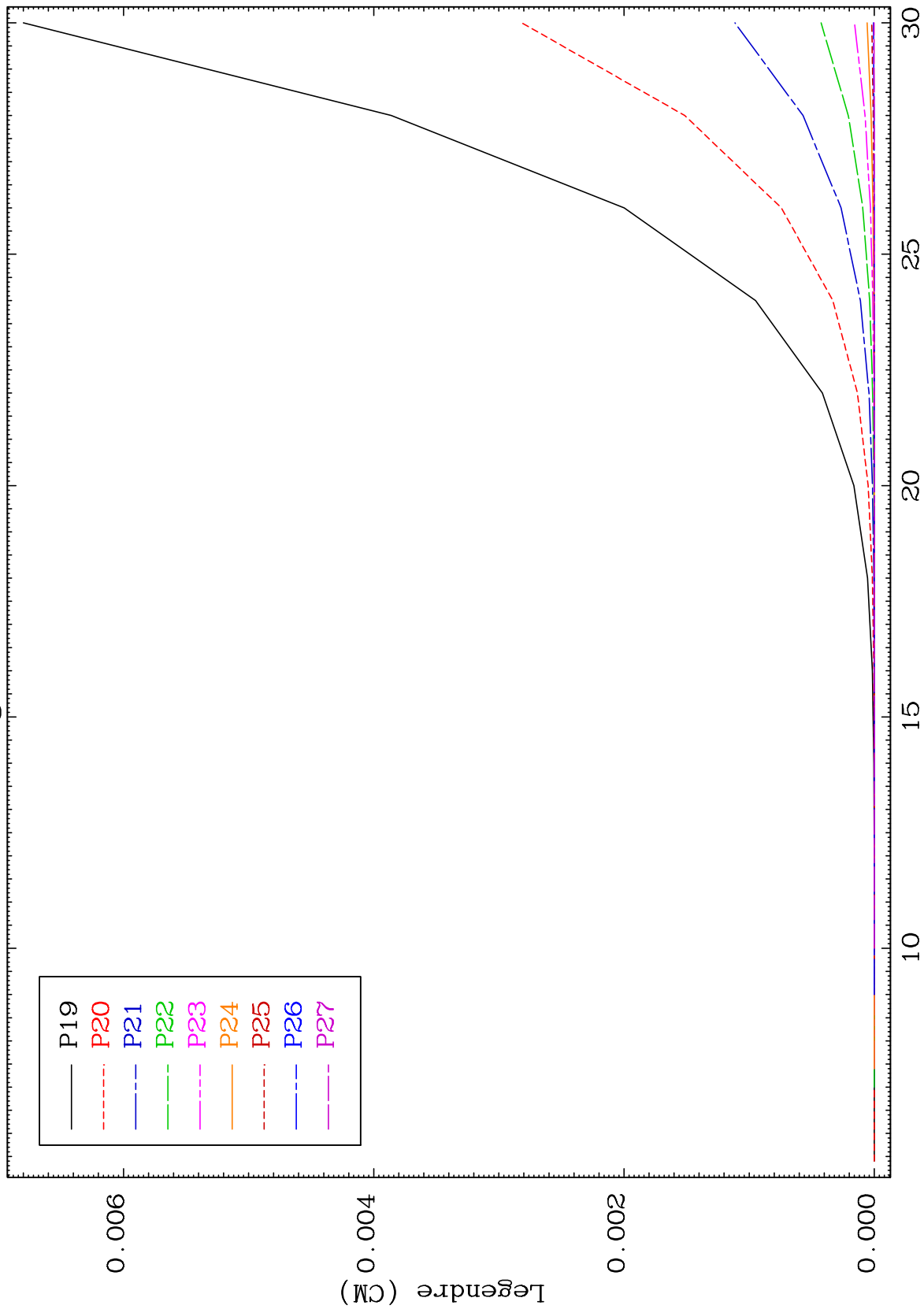
Incident Energy (MeV)

56-Ba-119

MAT 5592

Elastic Legendre Coefficients

56-Ba-119



18

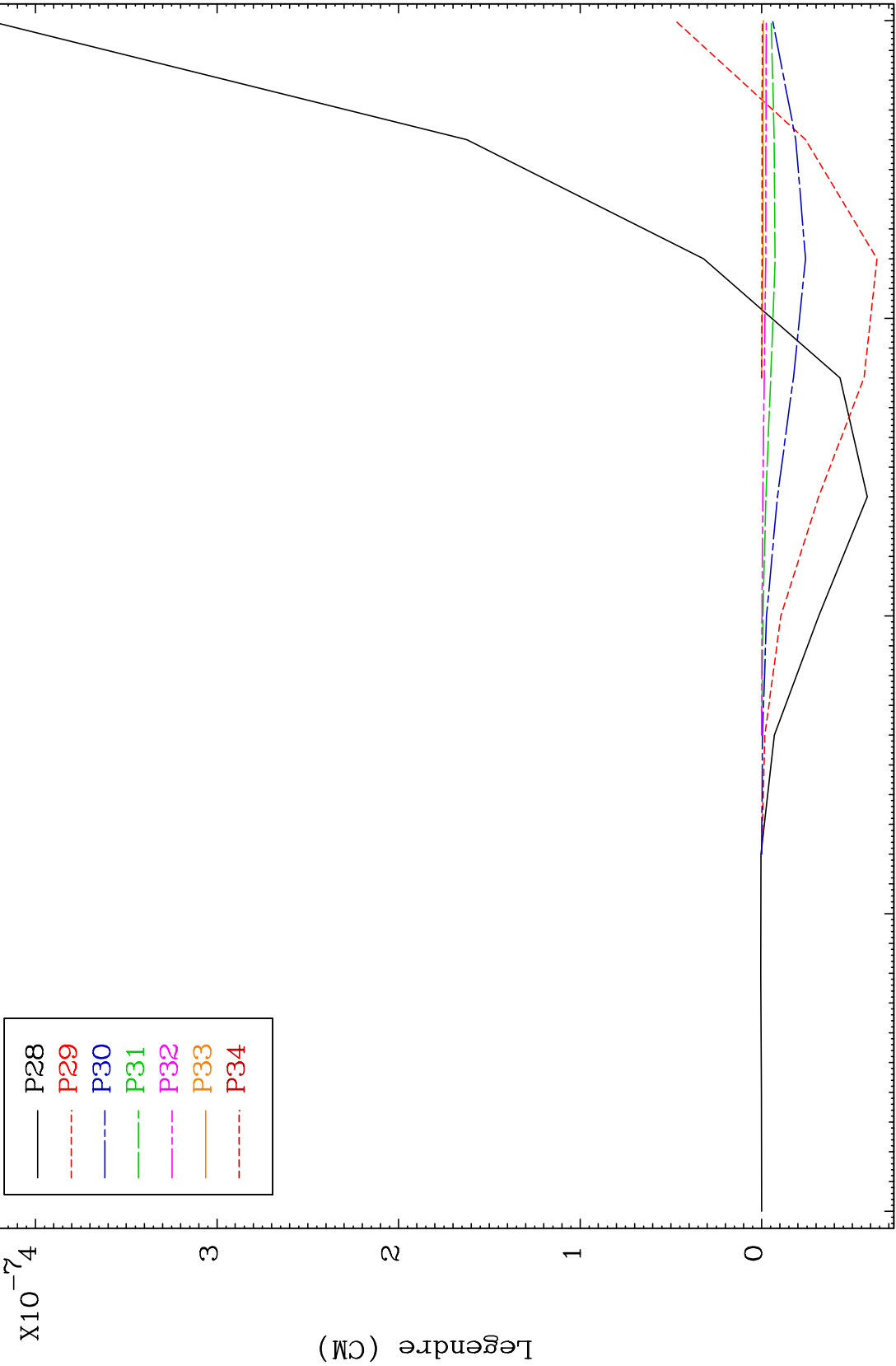
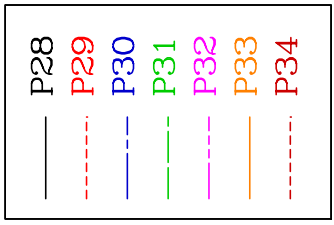
Incident Energy (MeV)

56-Ba-119

MAT 5592

Elastic Legendre Coefficients

56-Ba-119



10

15

20

25

30

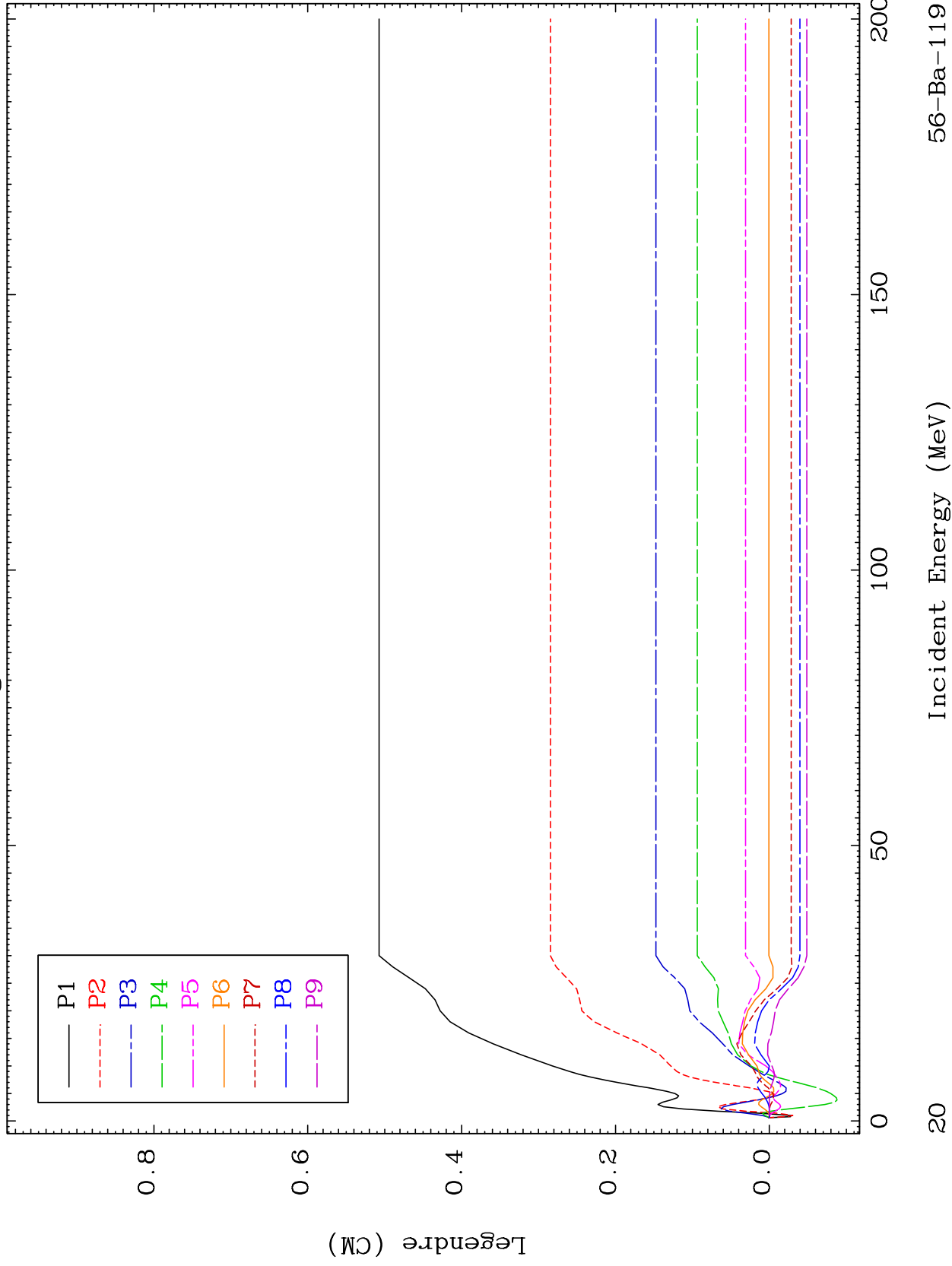
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



56-Ba-119

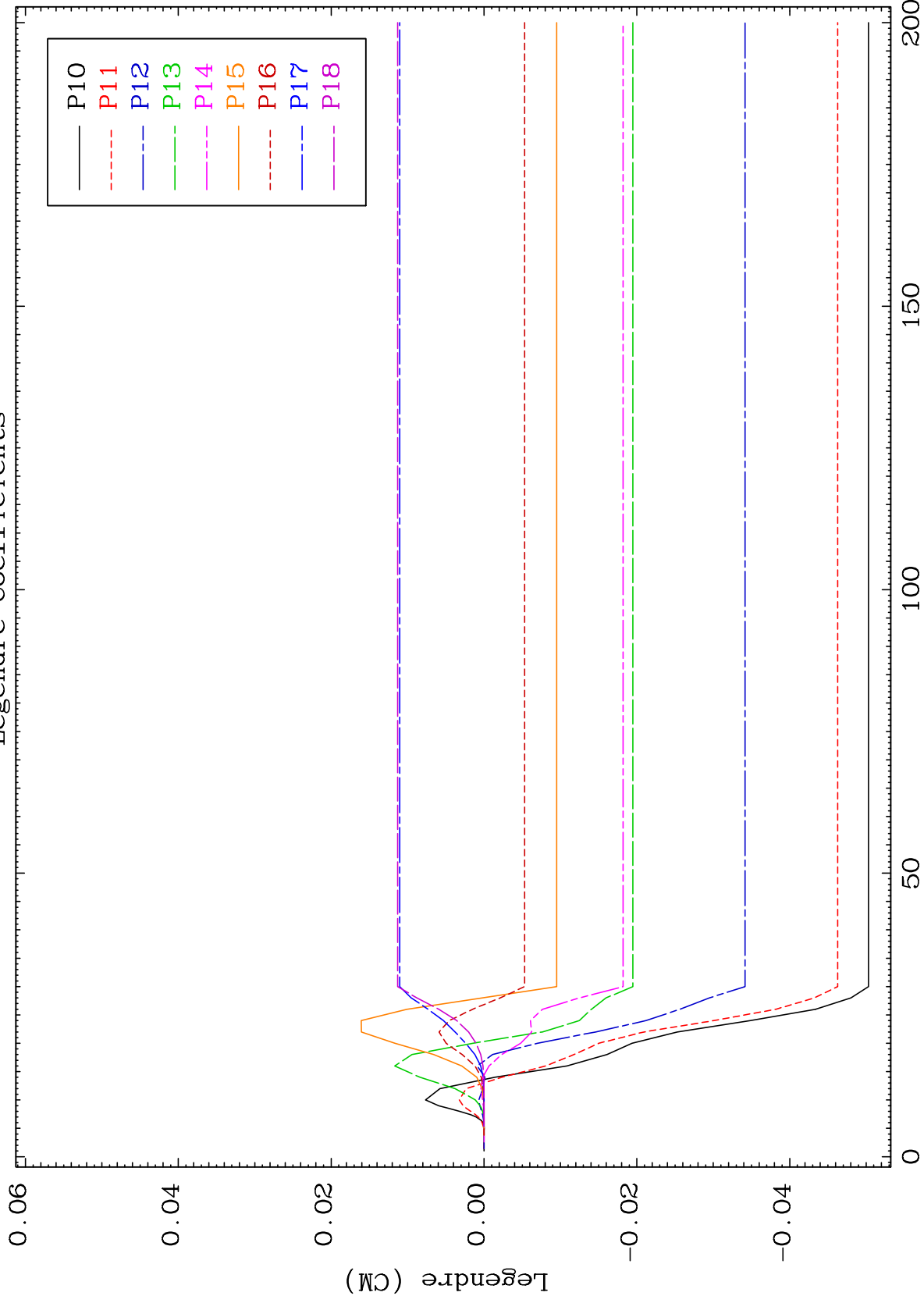
Incident Energy (MeV)

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MAT 5592

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

56-Ba-119



21

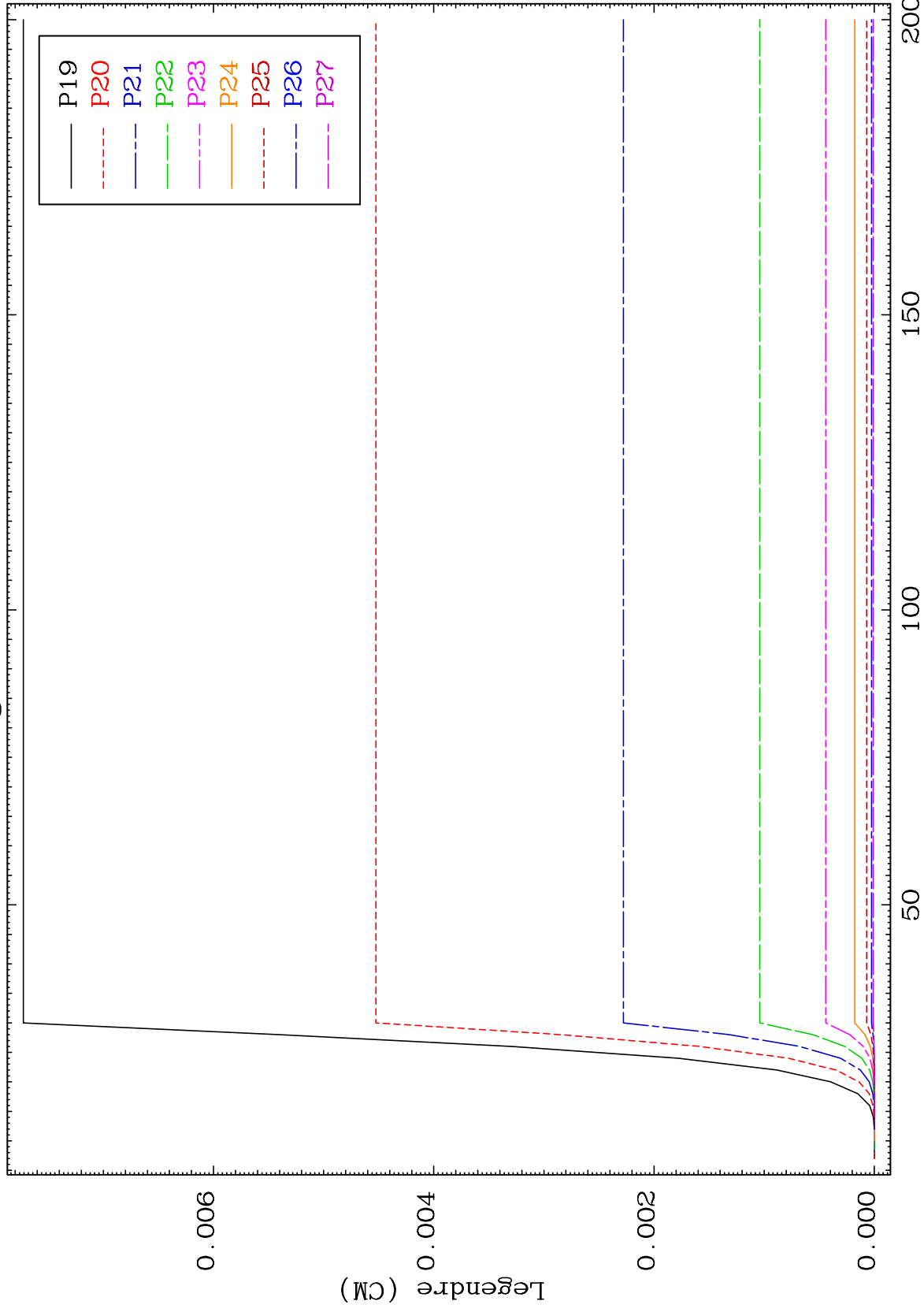
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



22

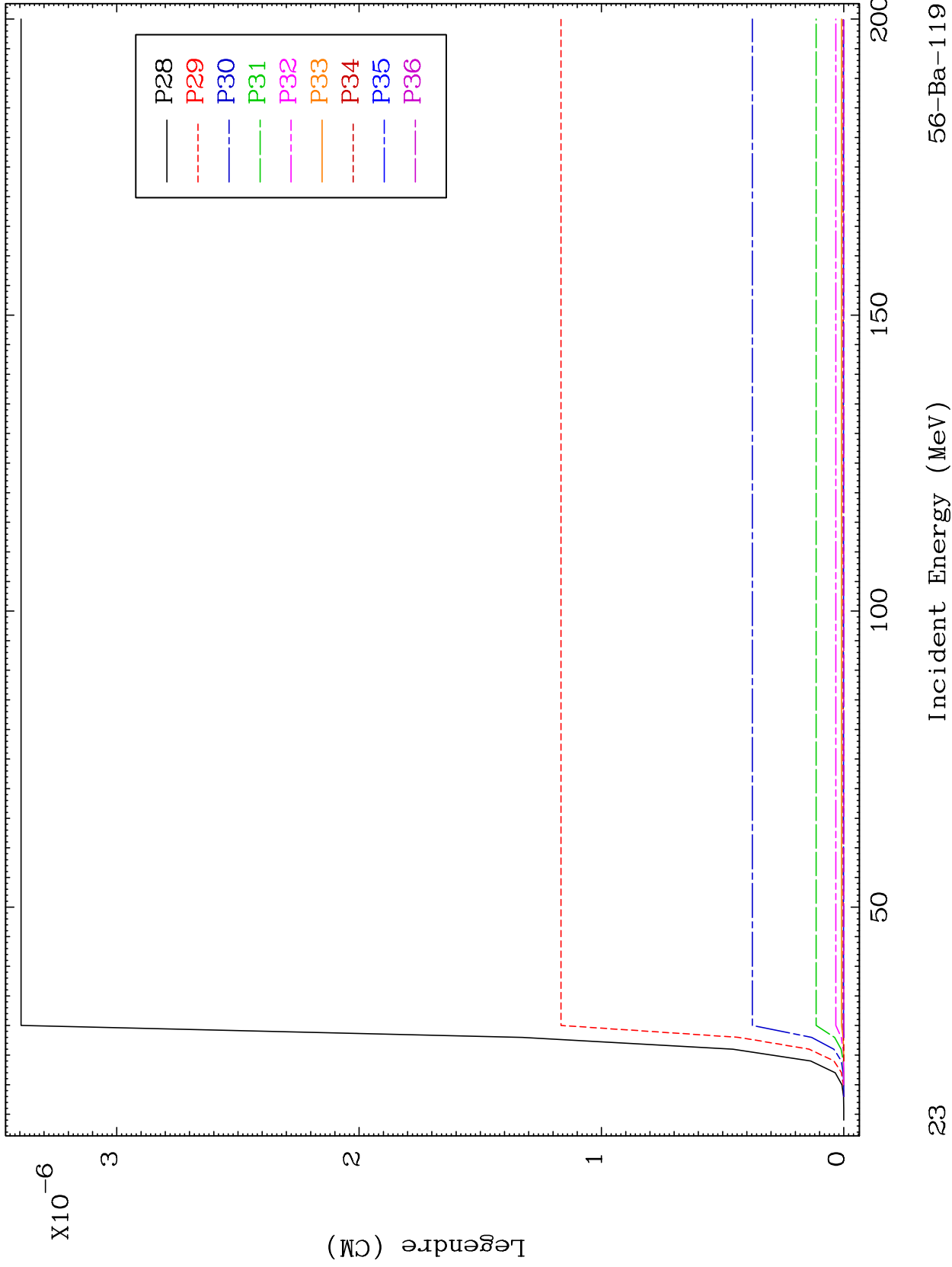
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119

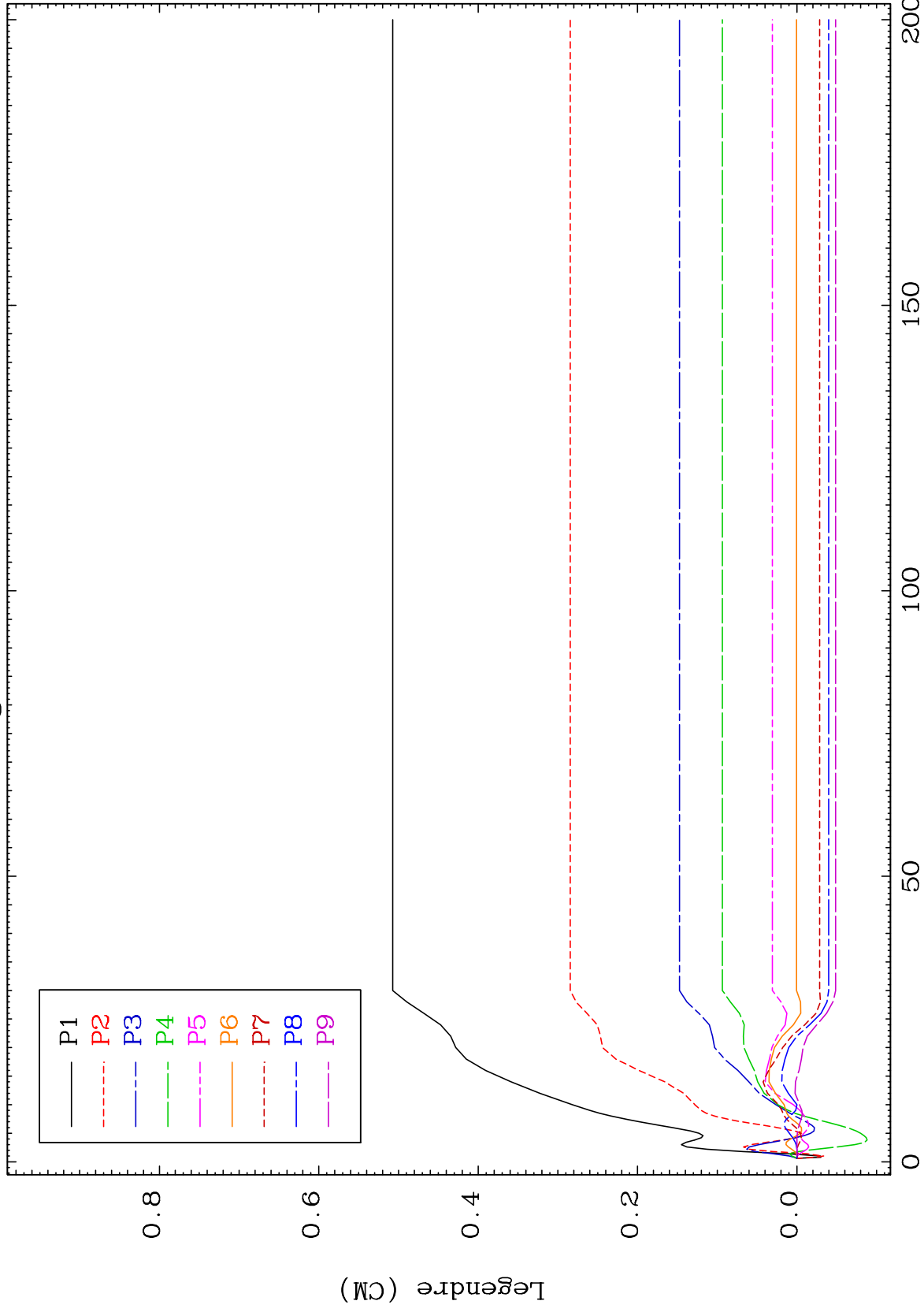


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MAT 5592

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

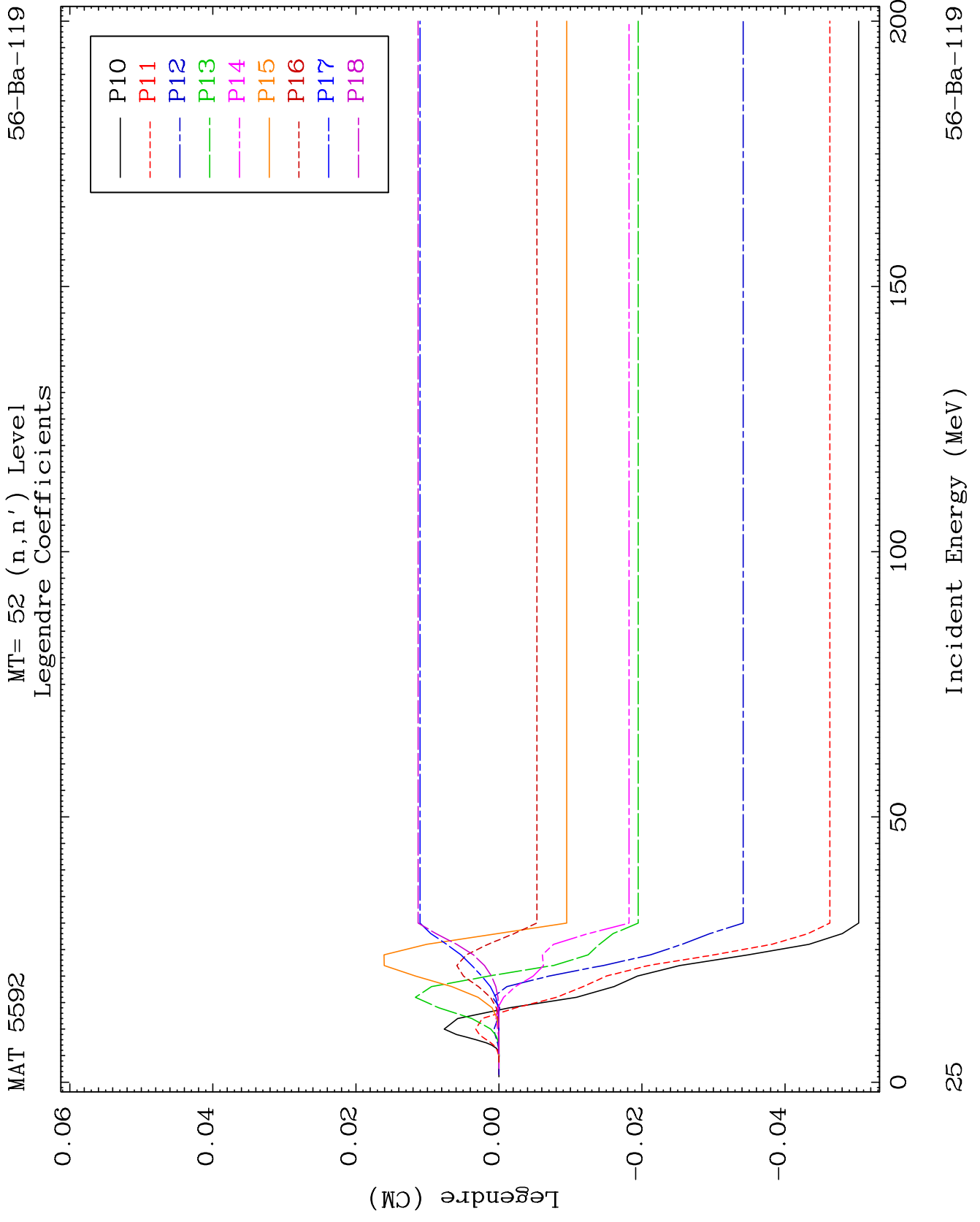
56-Ba-119



24

Incident Energy (MeV)

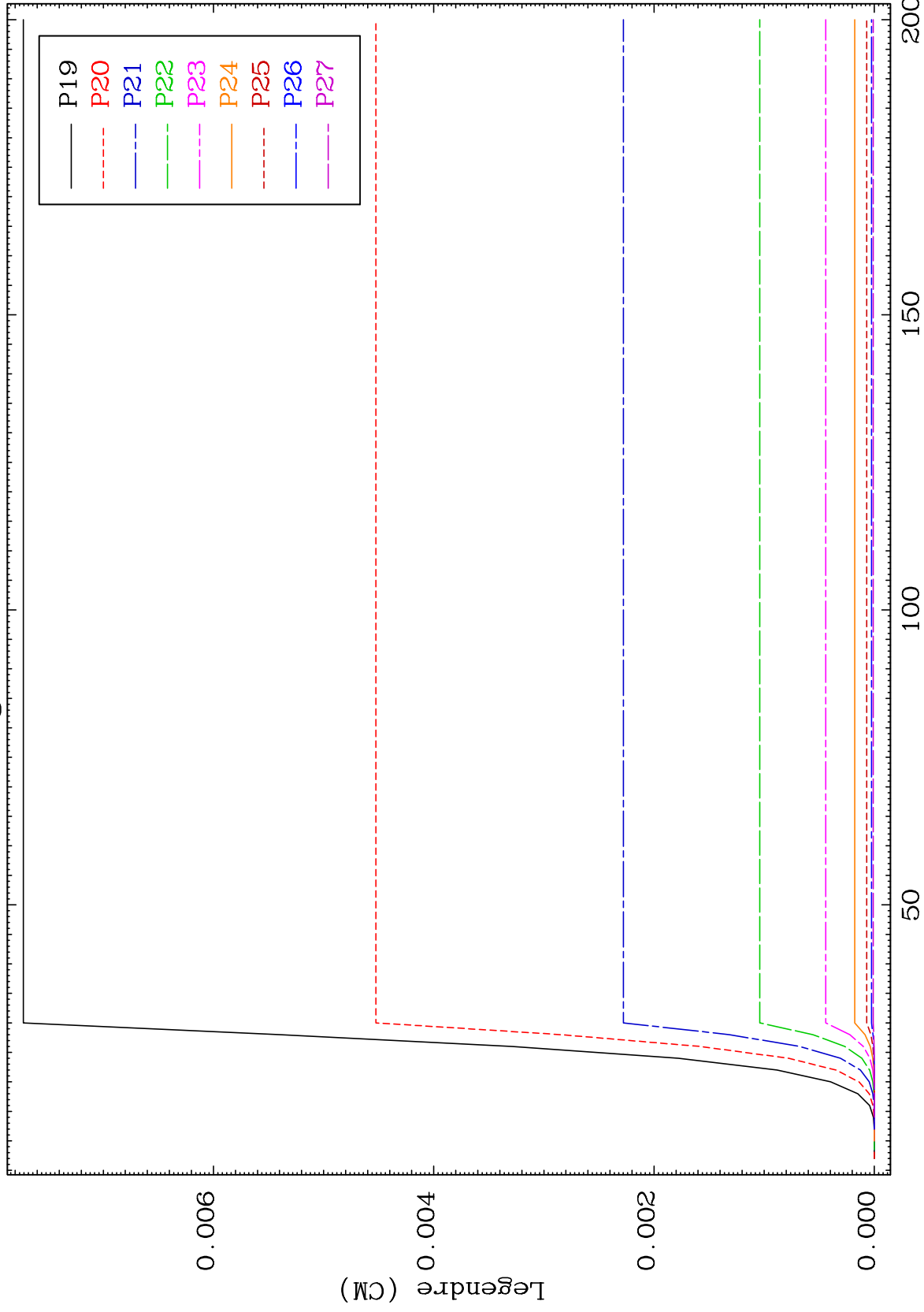
56-Ba-119



MAT 5592

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

56-Ba-119



26

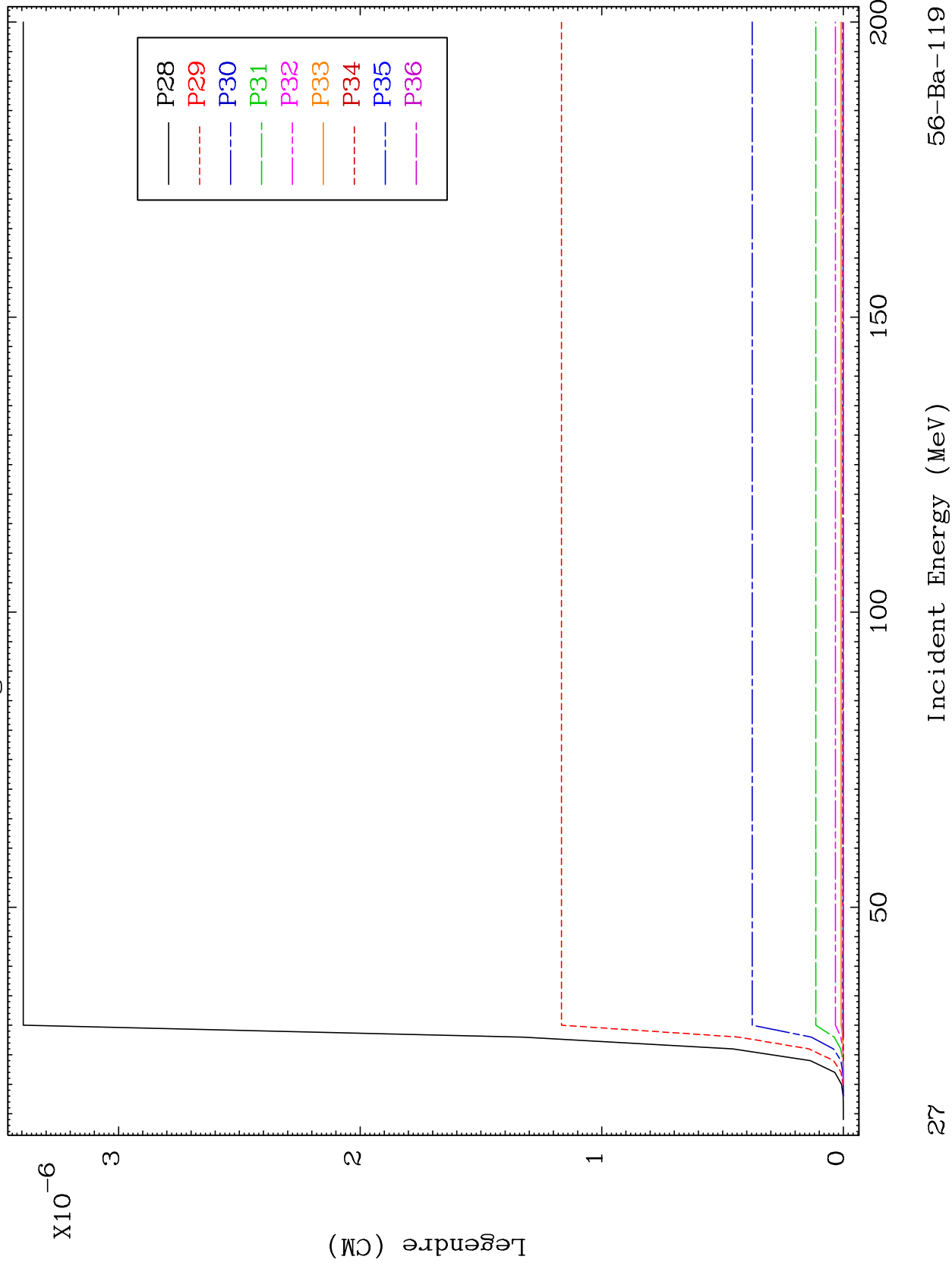
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

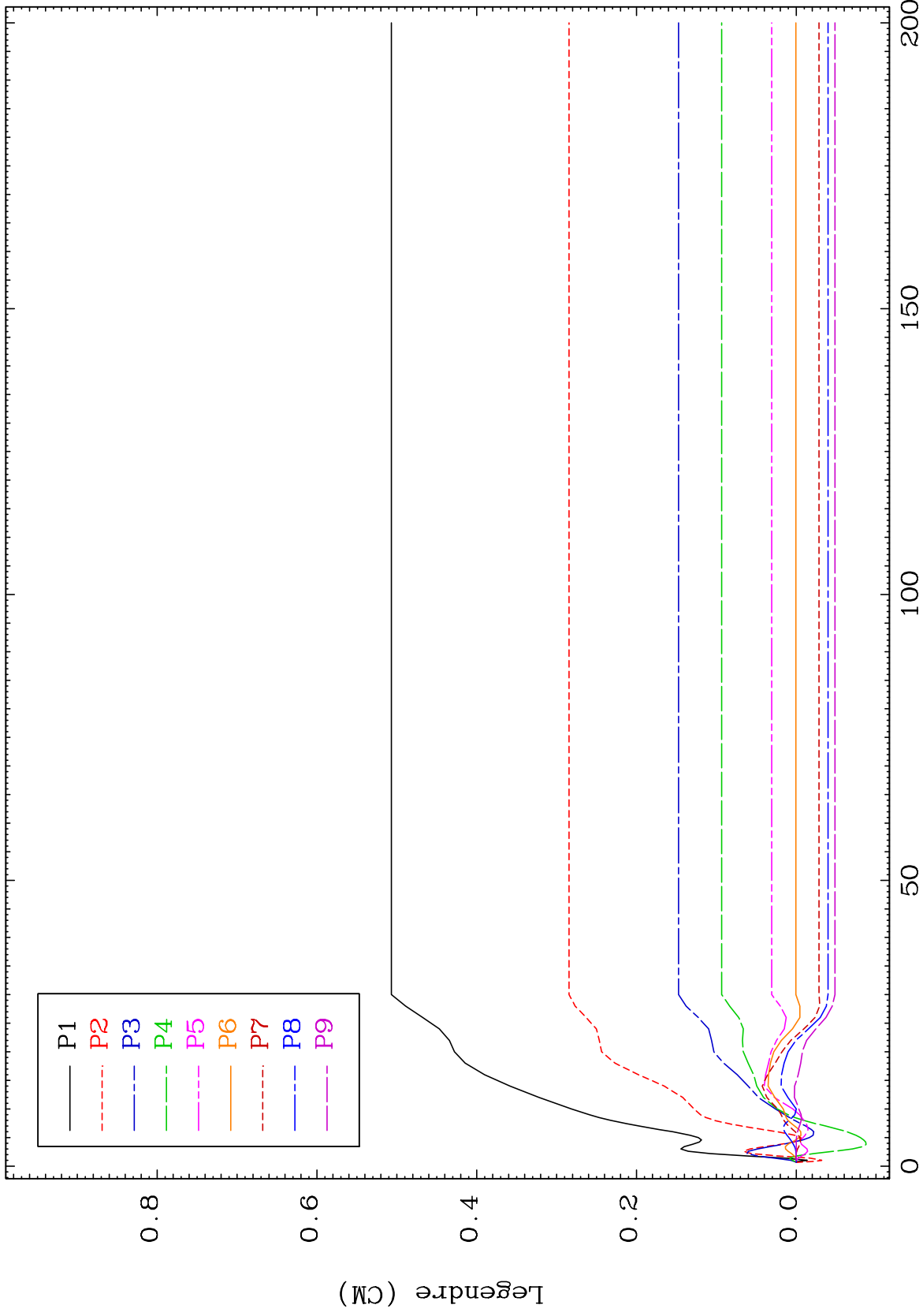
56-Ba-119



MAT 5592

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

56-Ba-119



28

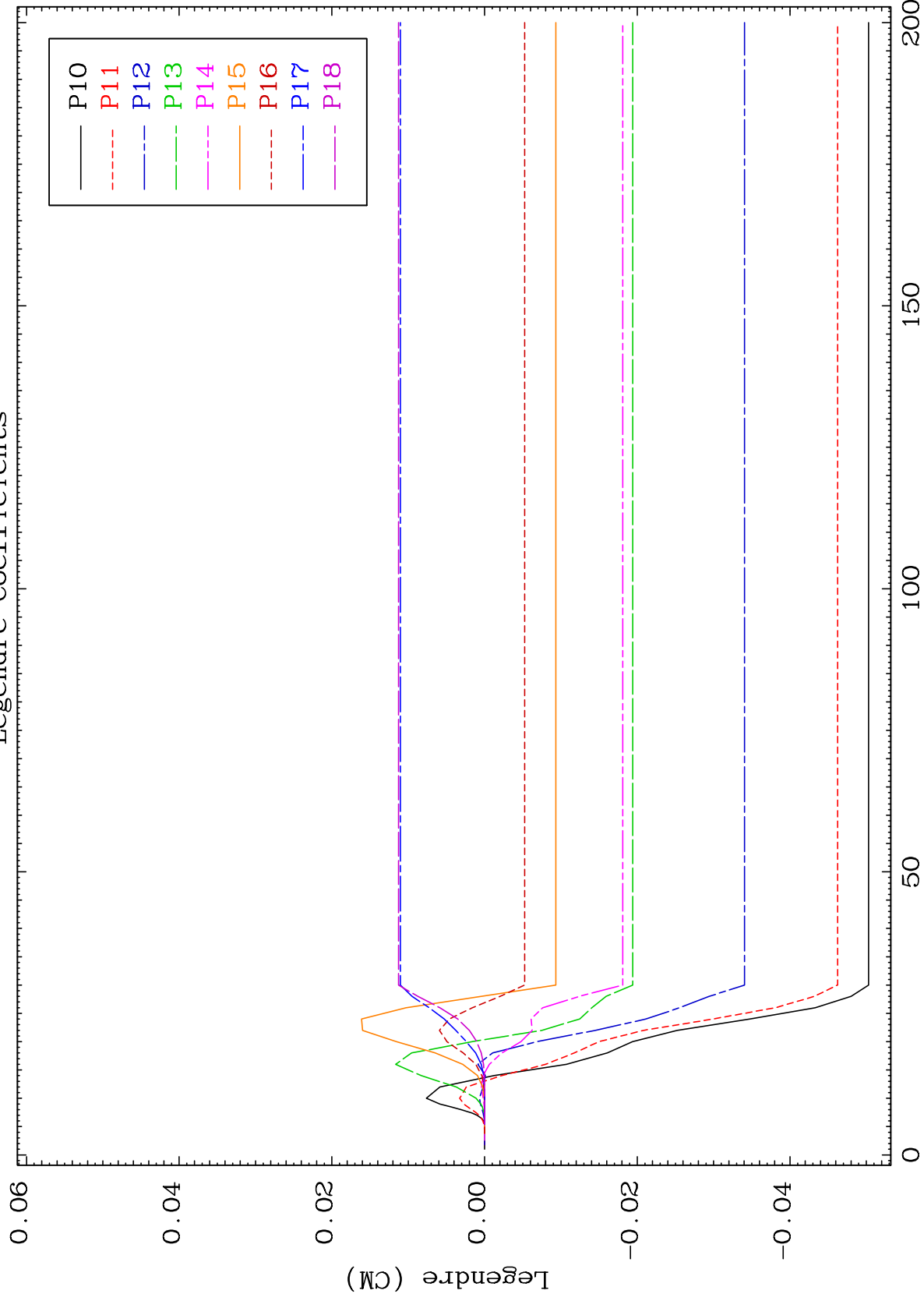
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



29

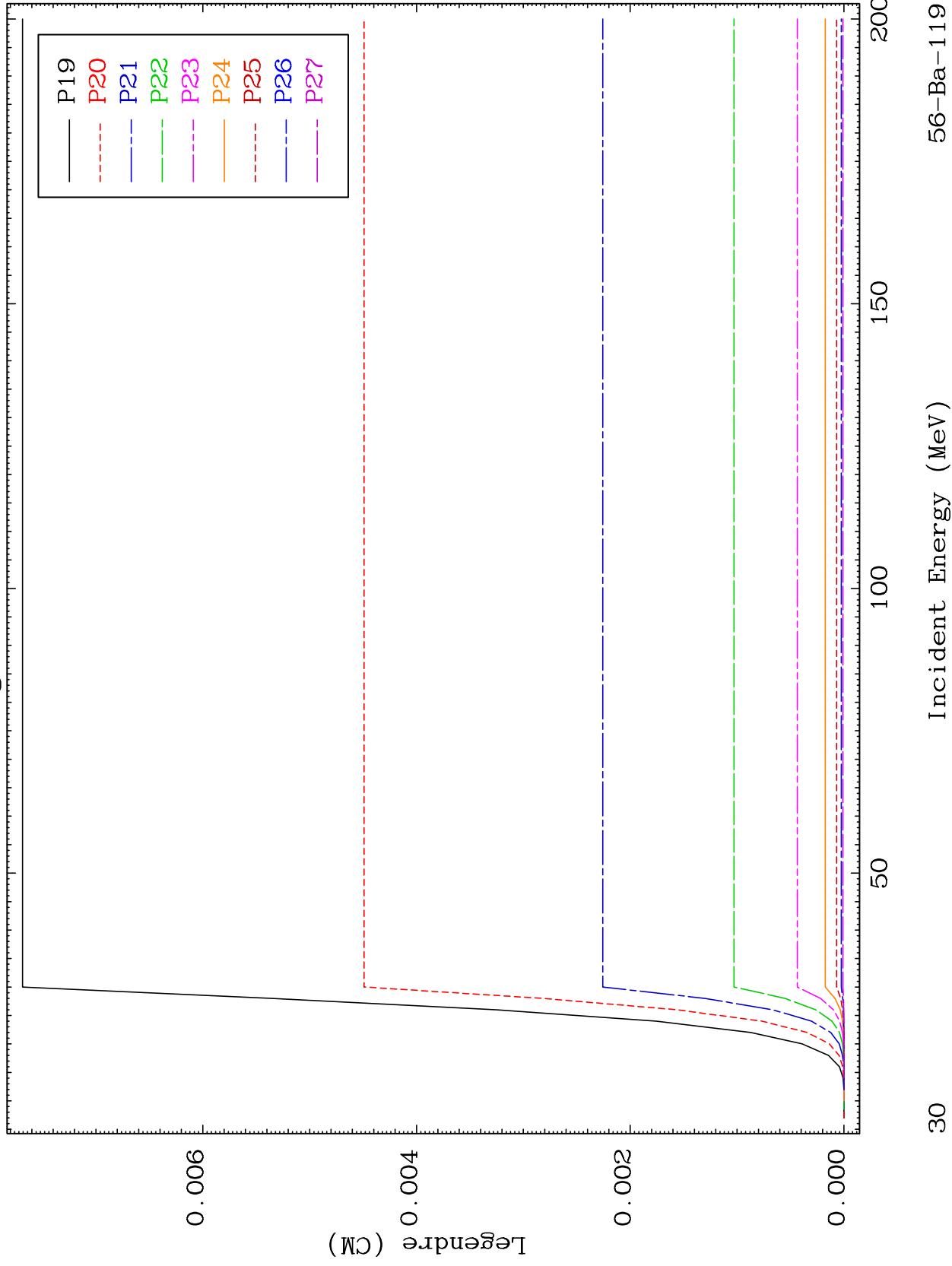
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



56-Ba-119

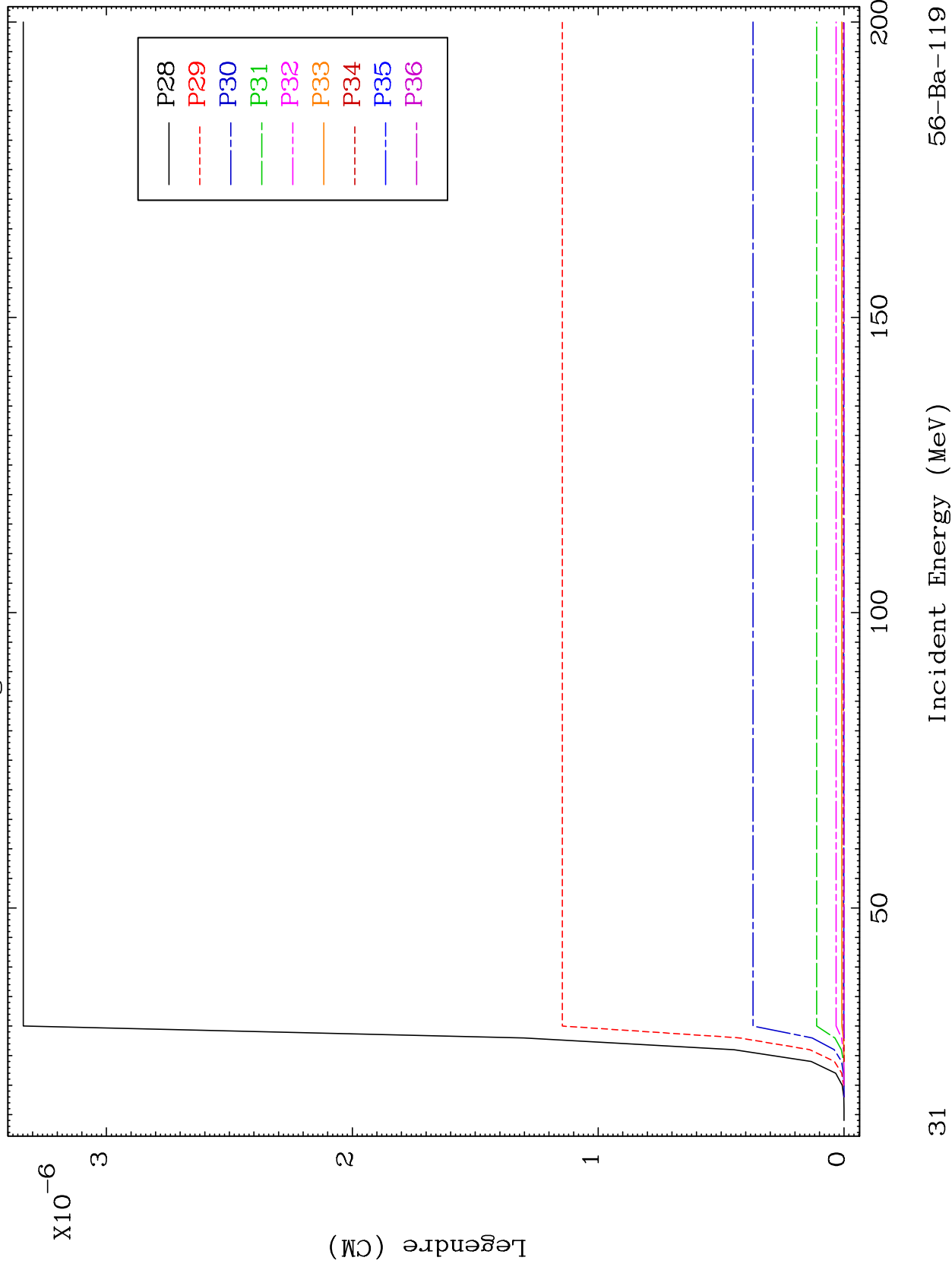
Incident Energy (MeV)

30

MAT 5592

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

56-Ba-119



31

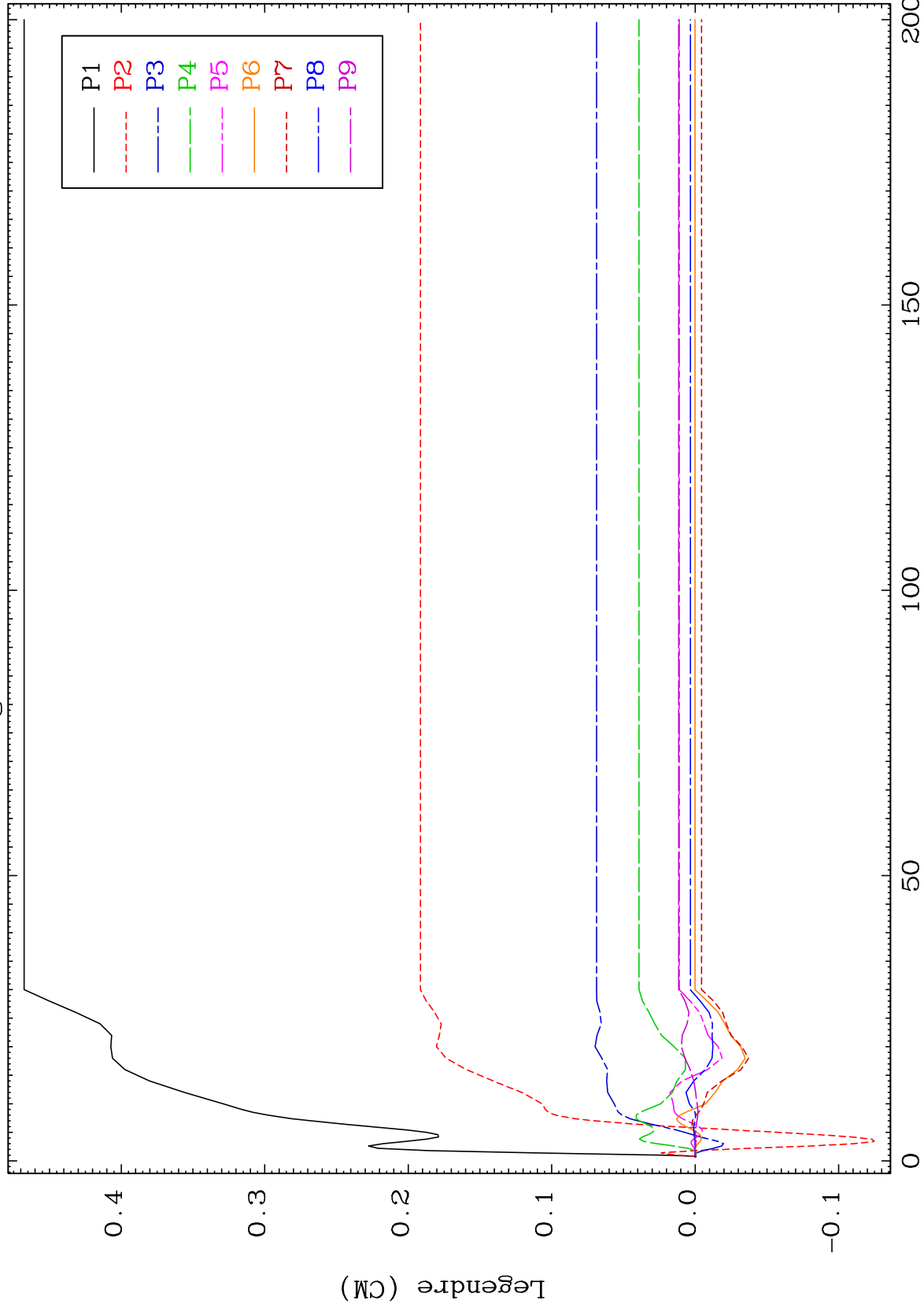
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

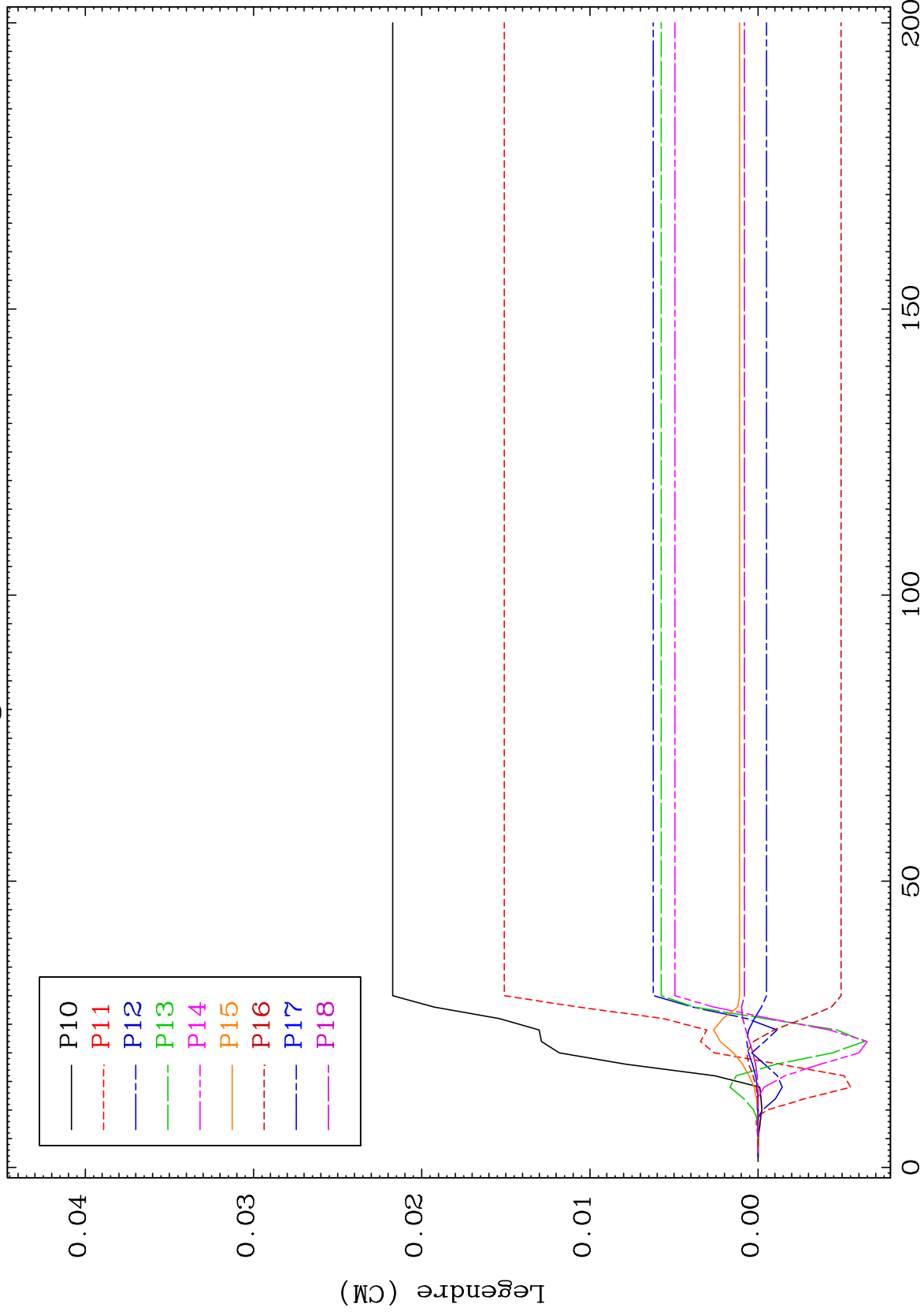
56-Ba-119



32

Incident Energy (MeV)

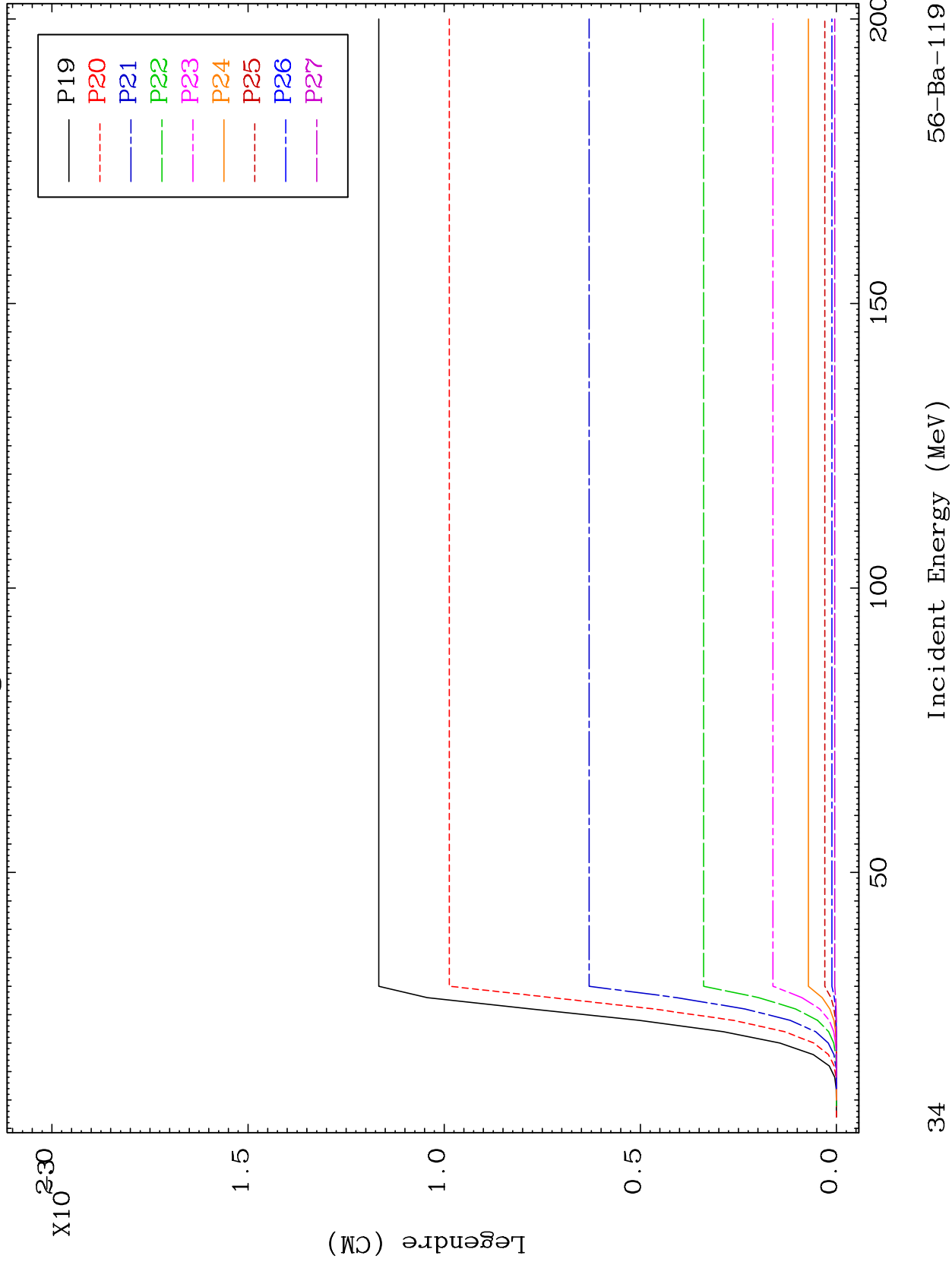
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MAT 5592

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

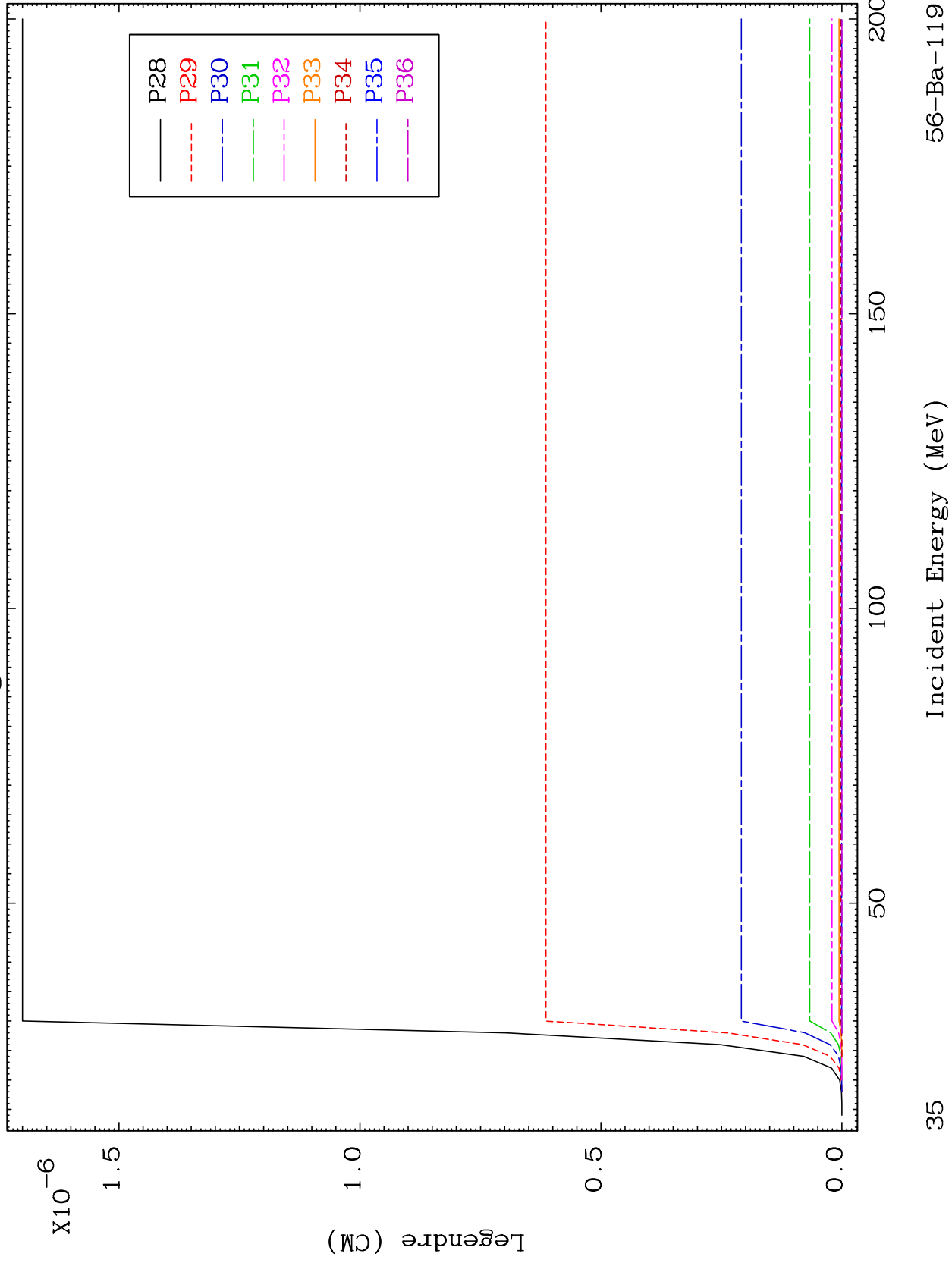
56-Ba-119



MAT 5592

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

56-Ba-119



35

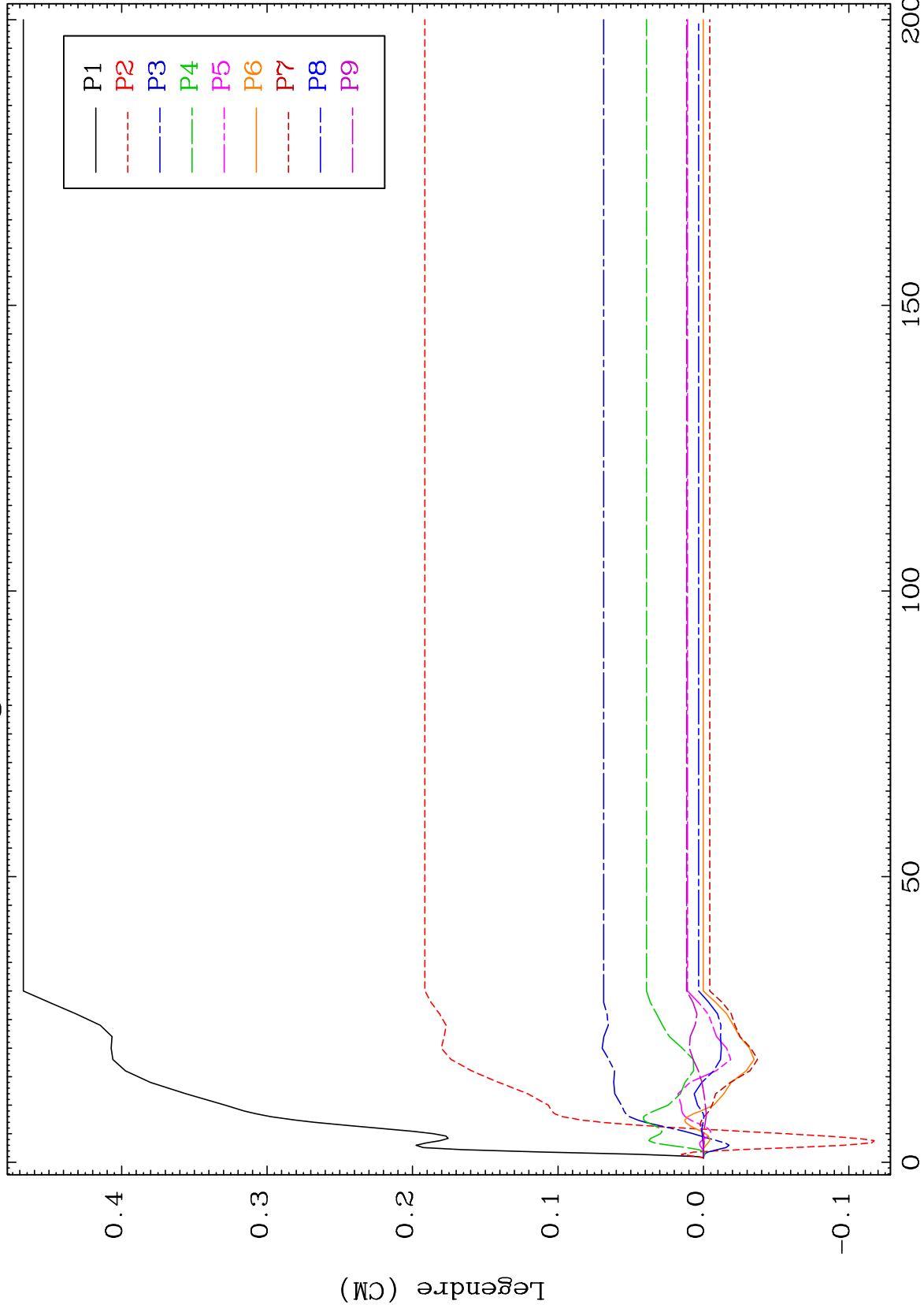
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



36

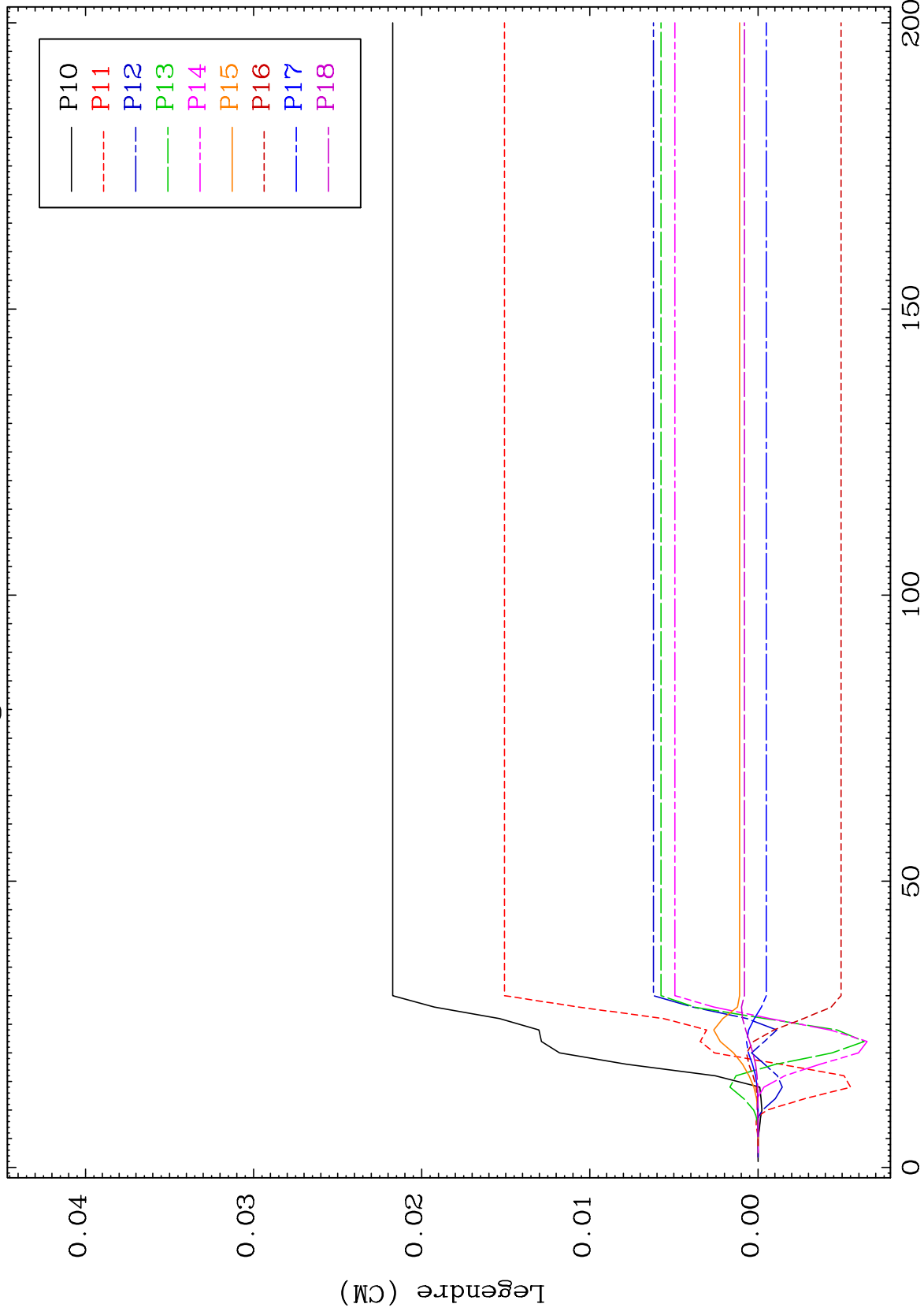
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



37

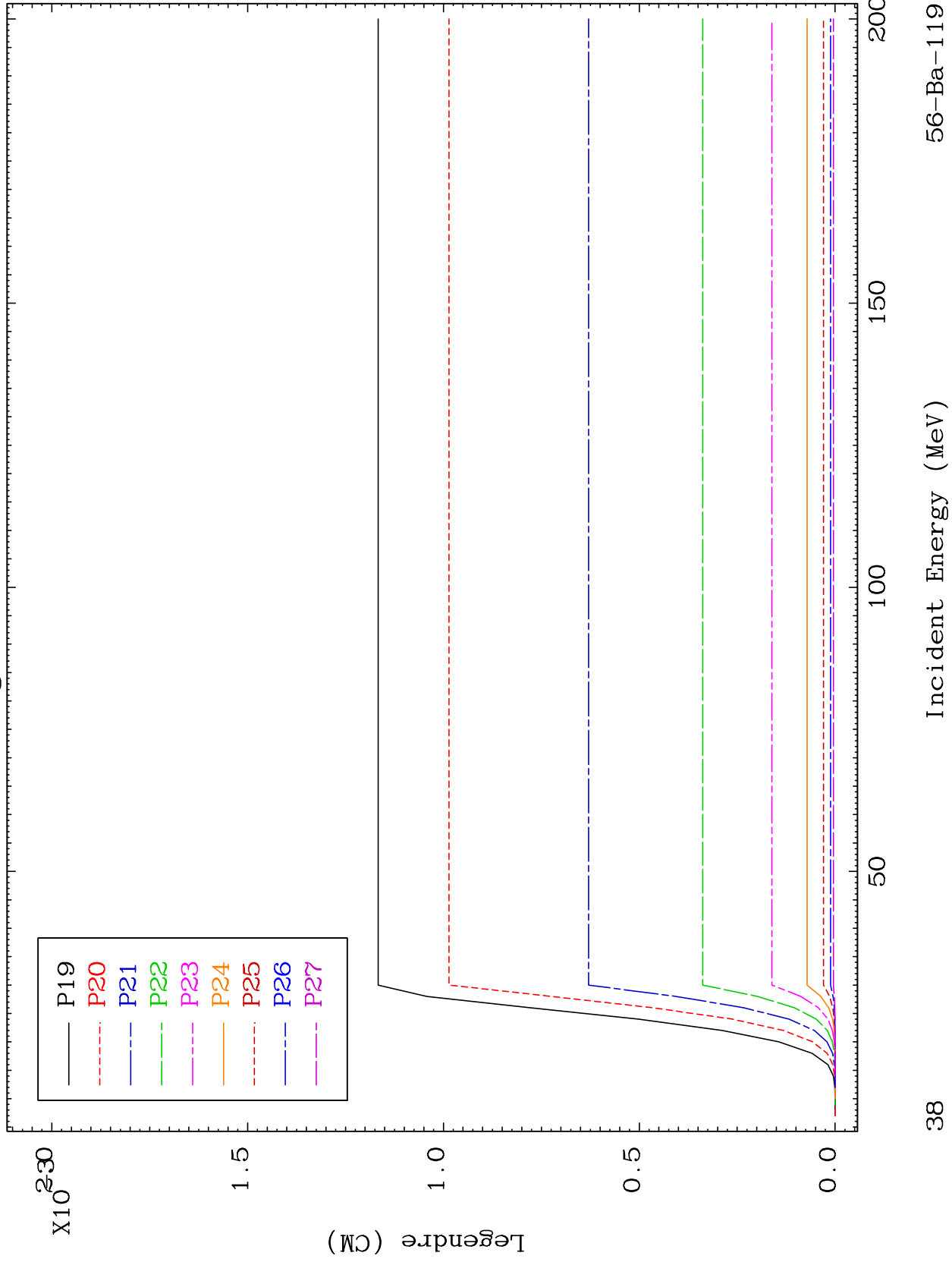
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

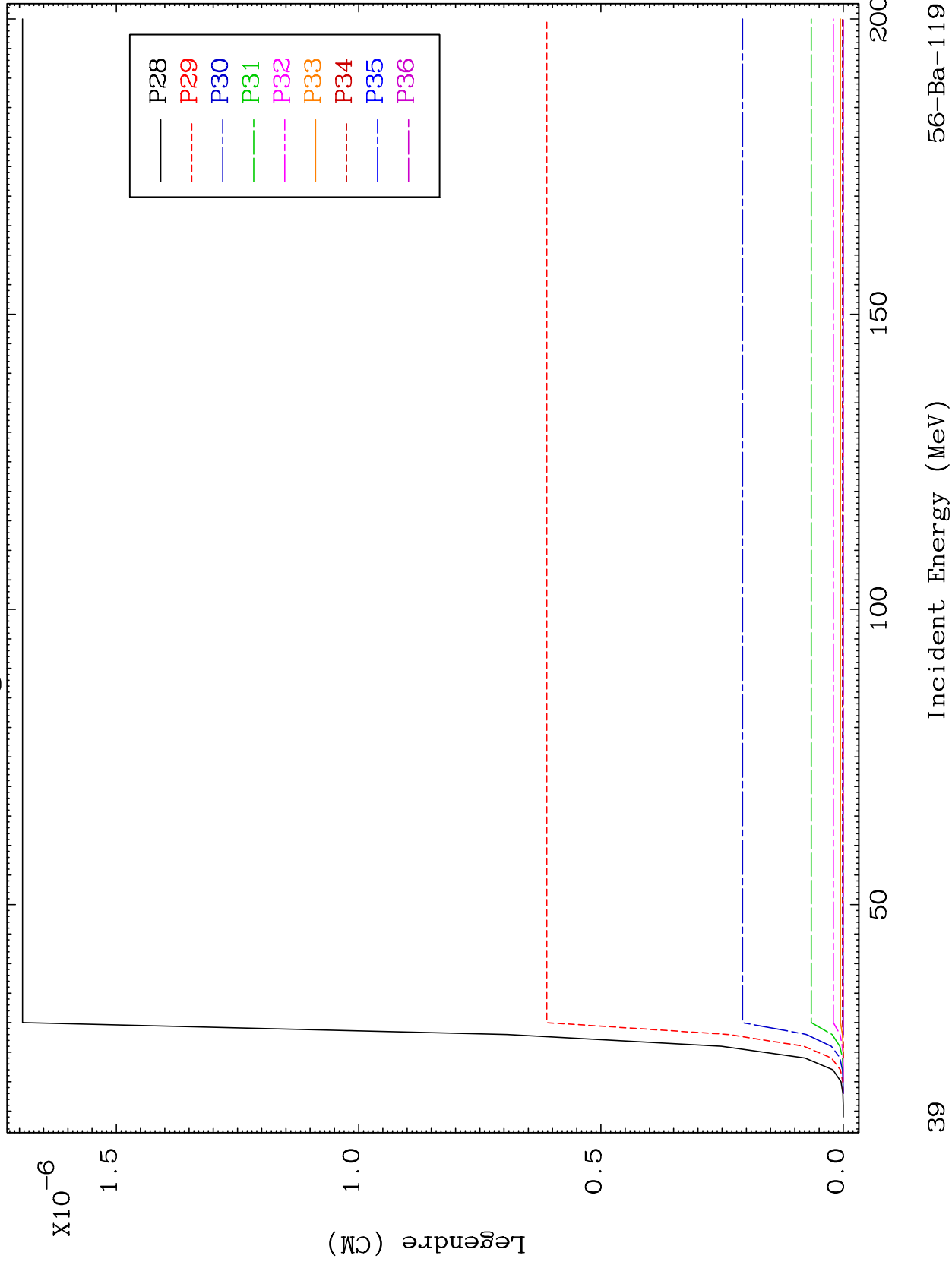
56-Ba-119



MAT 5592

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

56-Ba-119

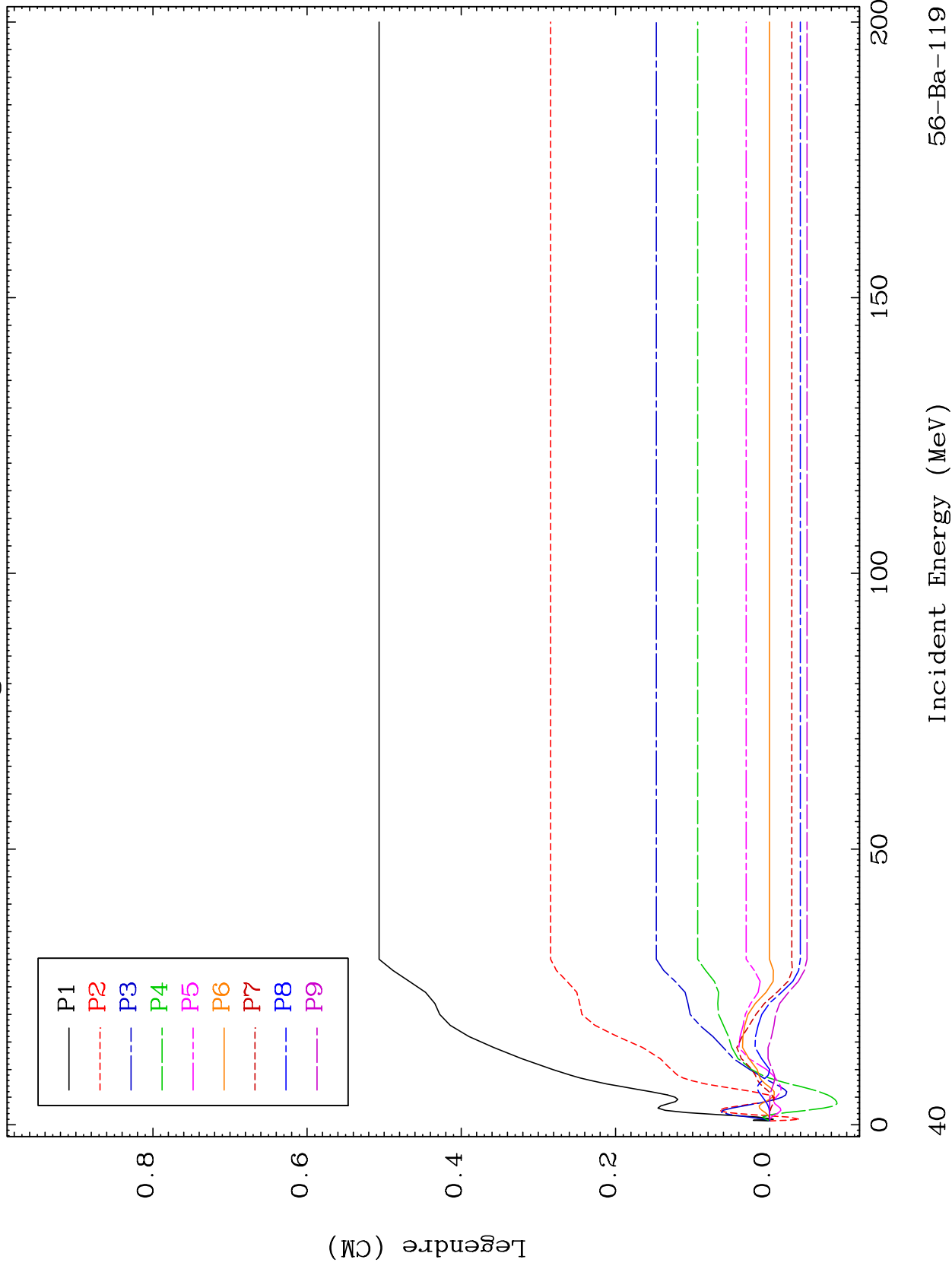


39

MAT 5592

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

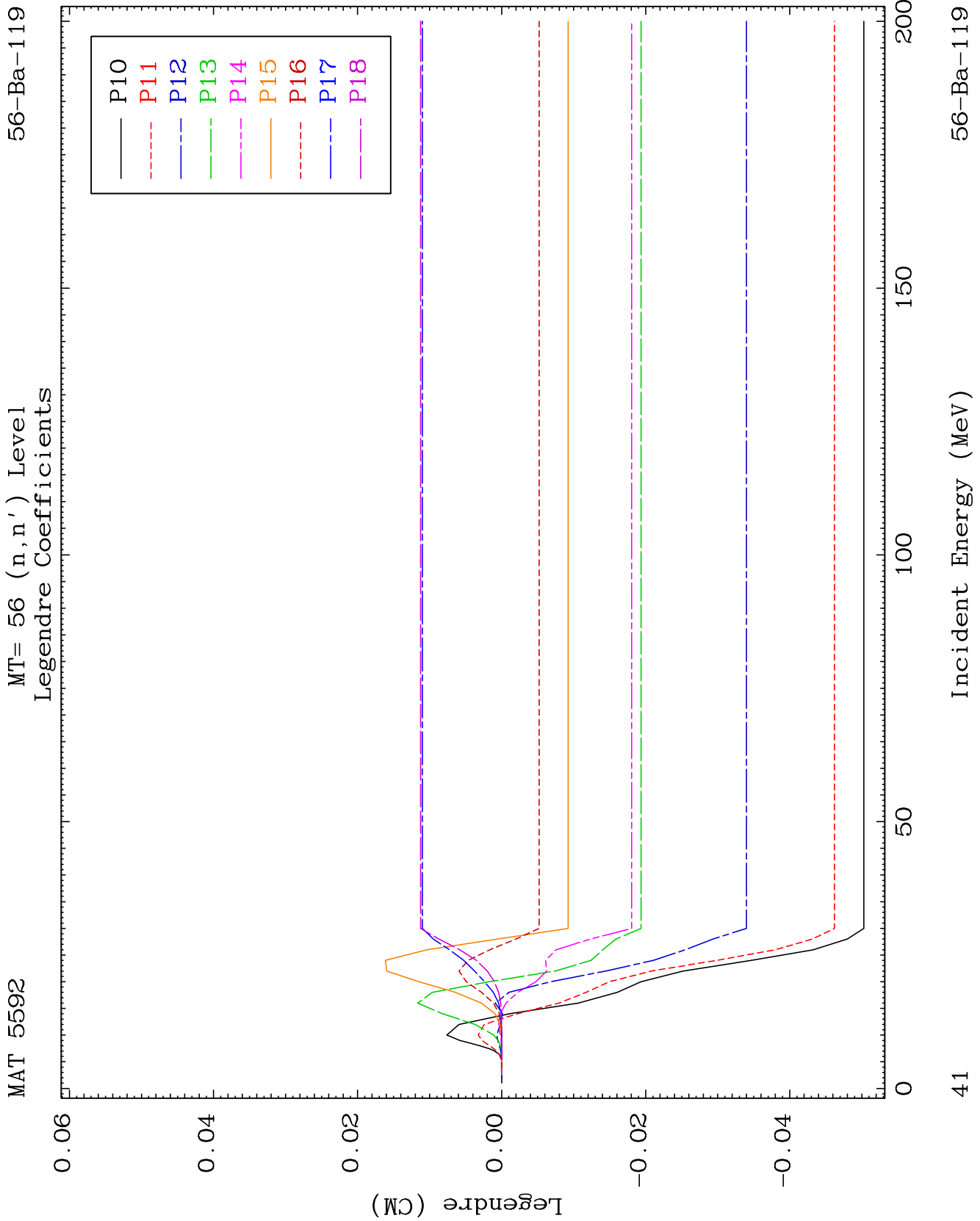
56-Ba-119



56-Ba-119

Incident Energy (MeV)

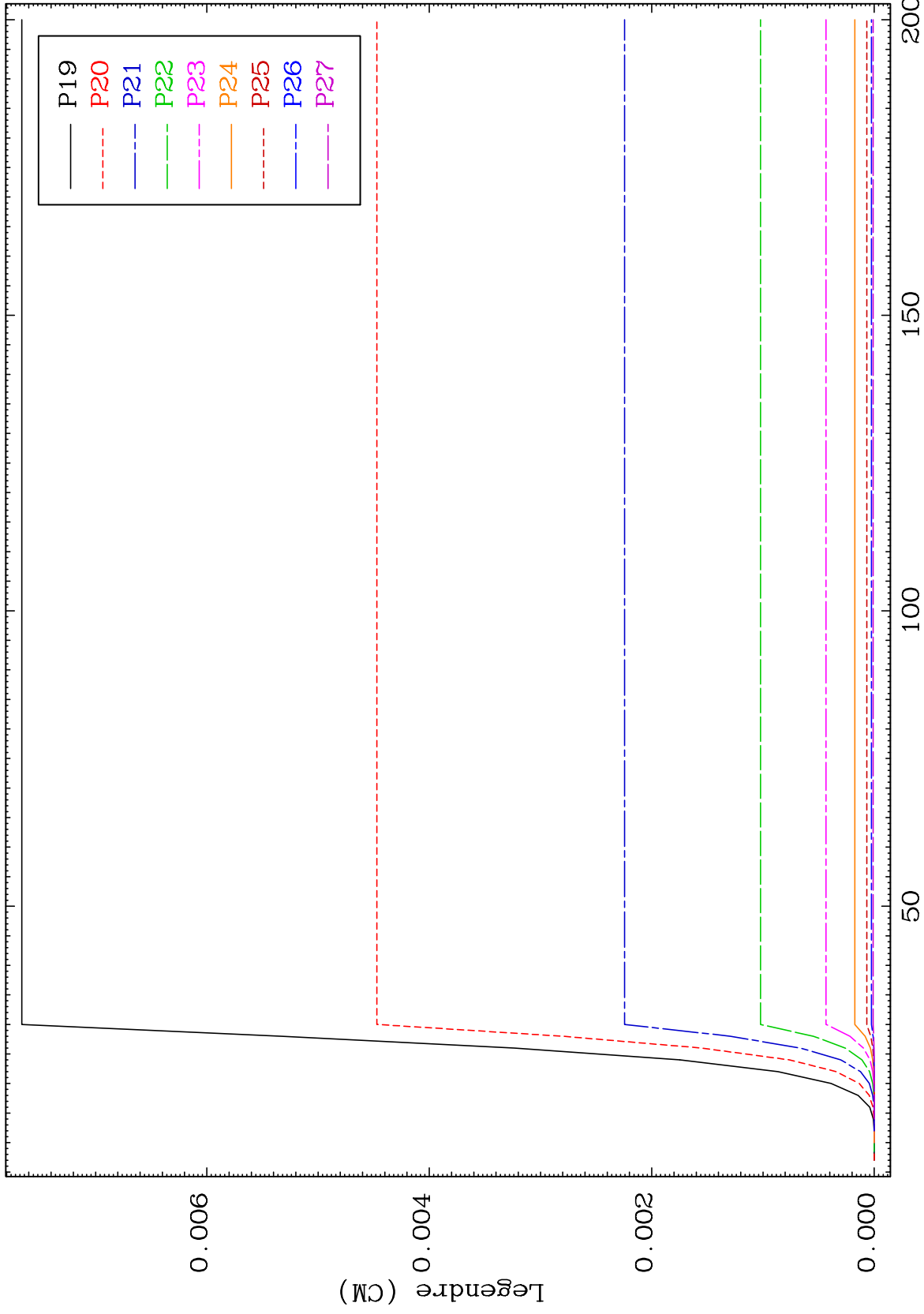
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MAT 5592

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

56-Ba-119



42

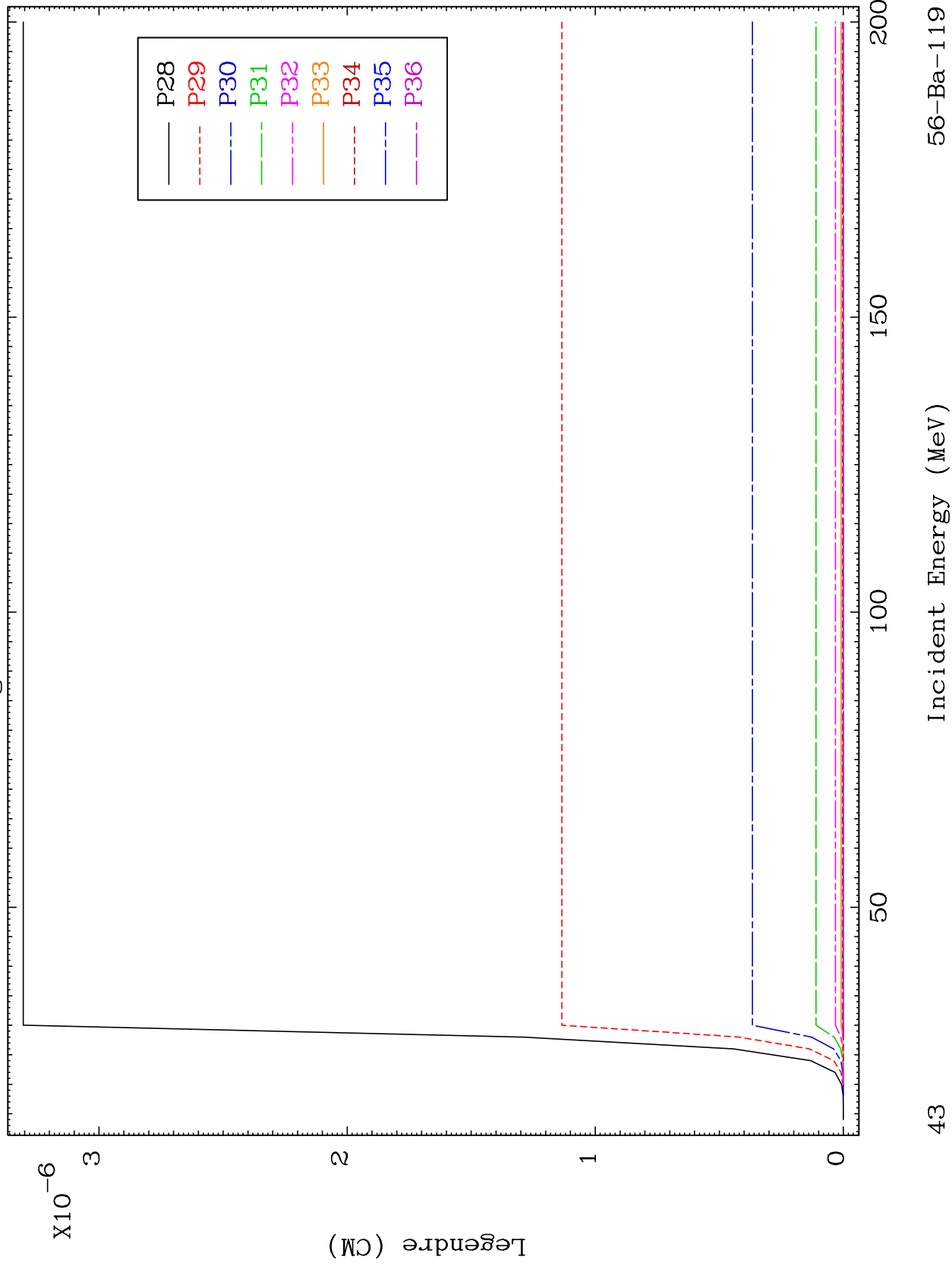
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



43

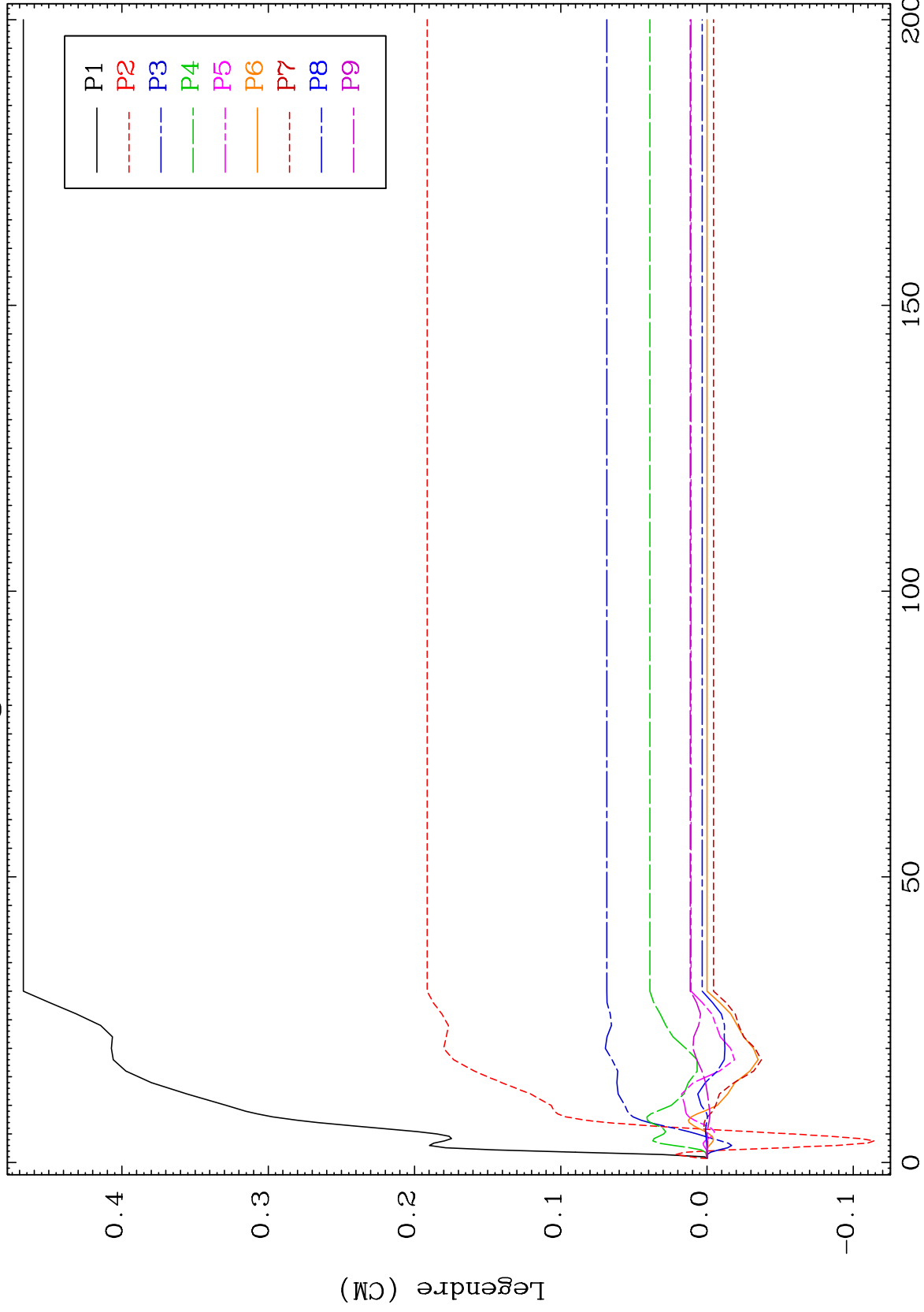
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



44

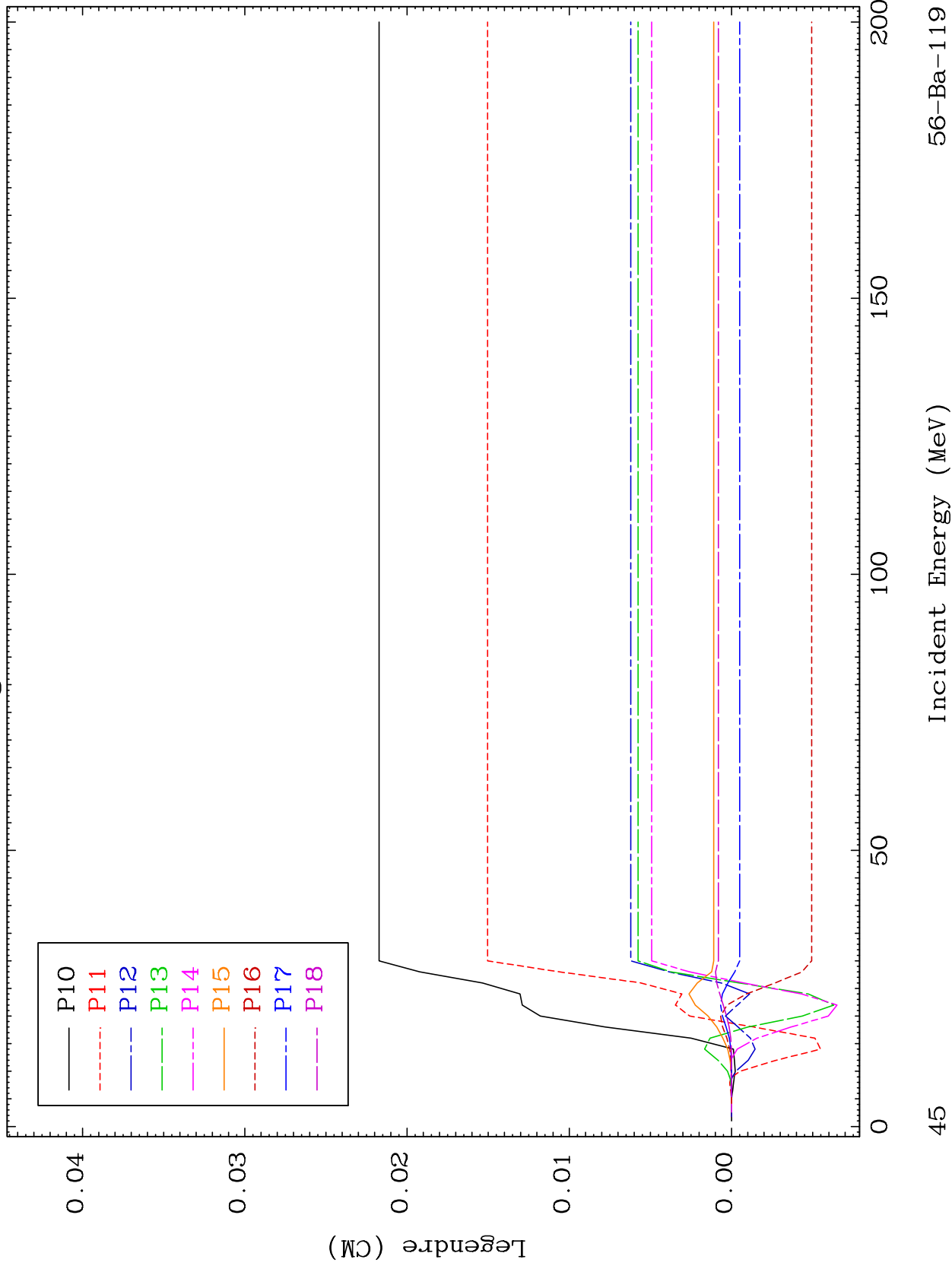
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



56-Ba-119

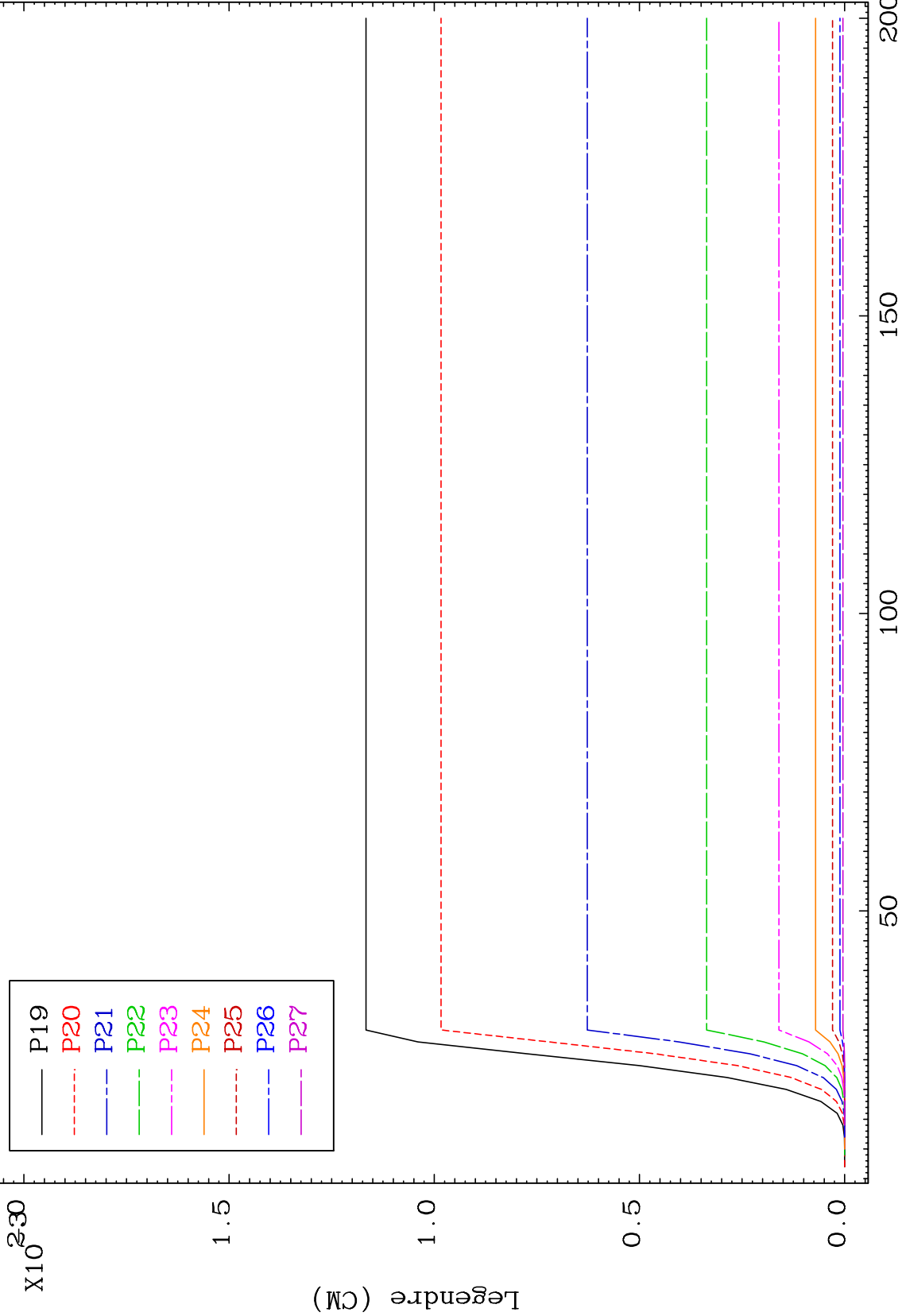
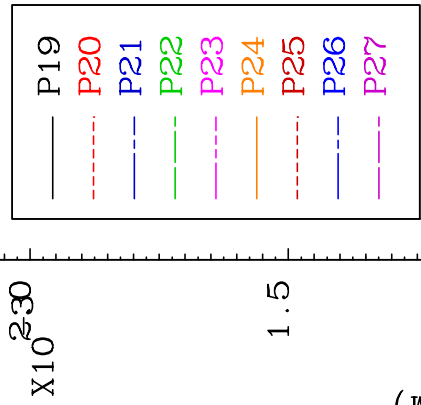
Incident Energy (MeV)

45

MAT 5592

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

56-Ba-119



46

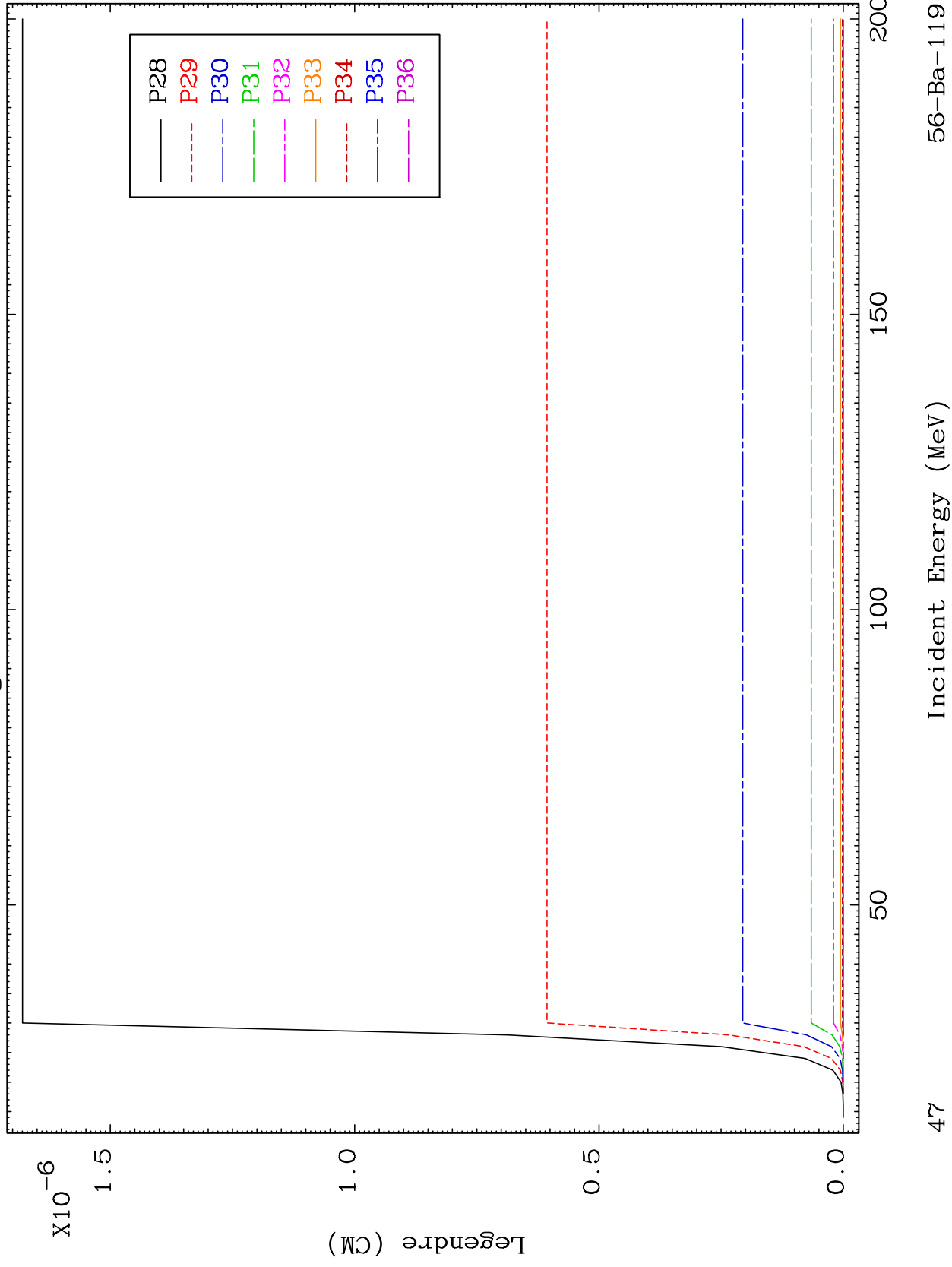
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

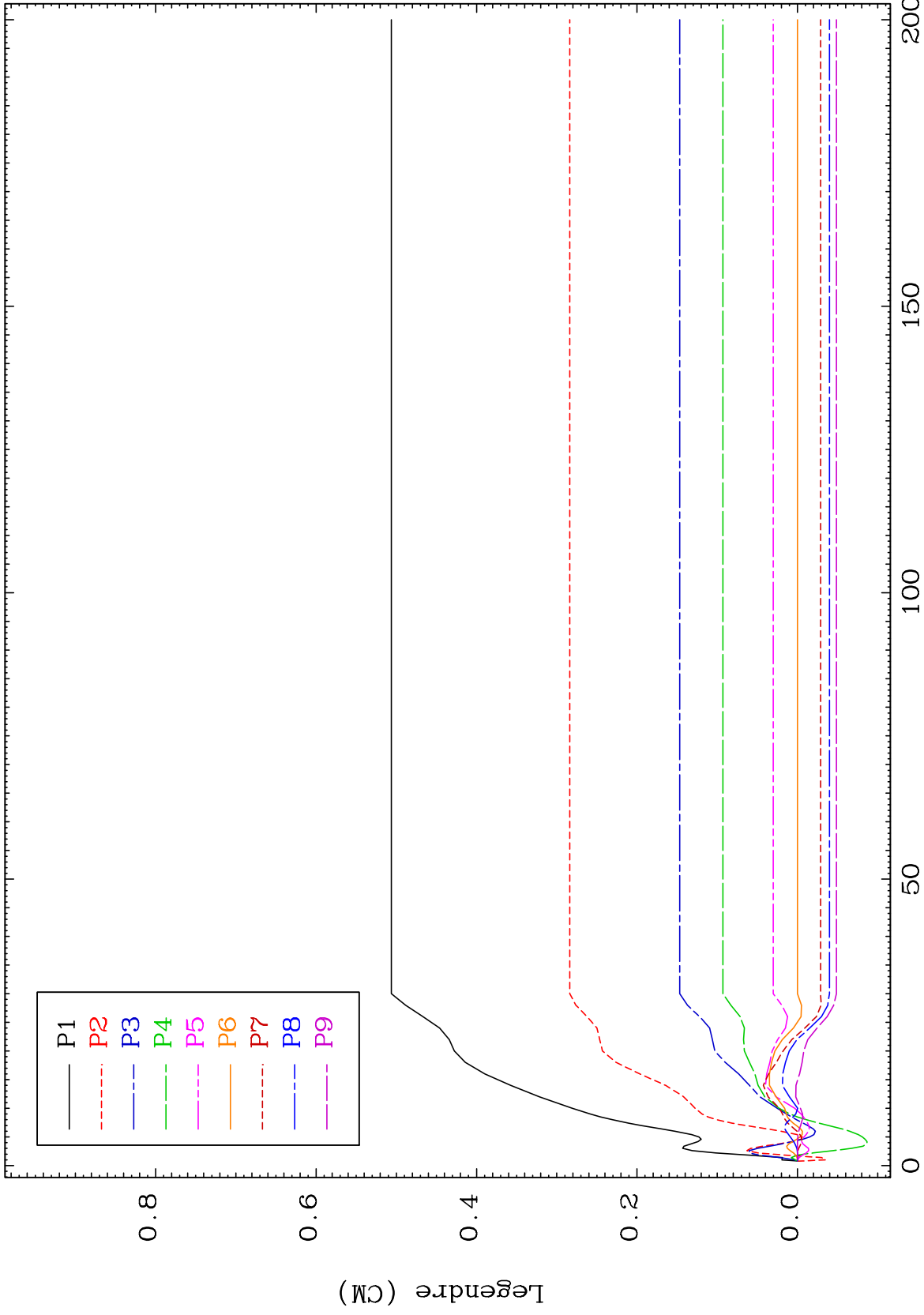
56-Ba-119



MAT 5592

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

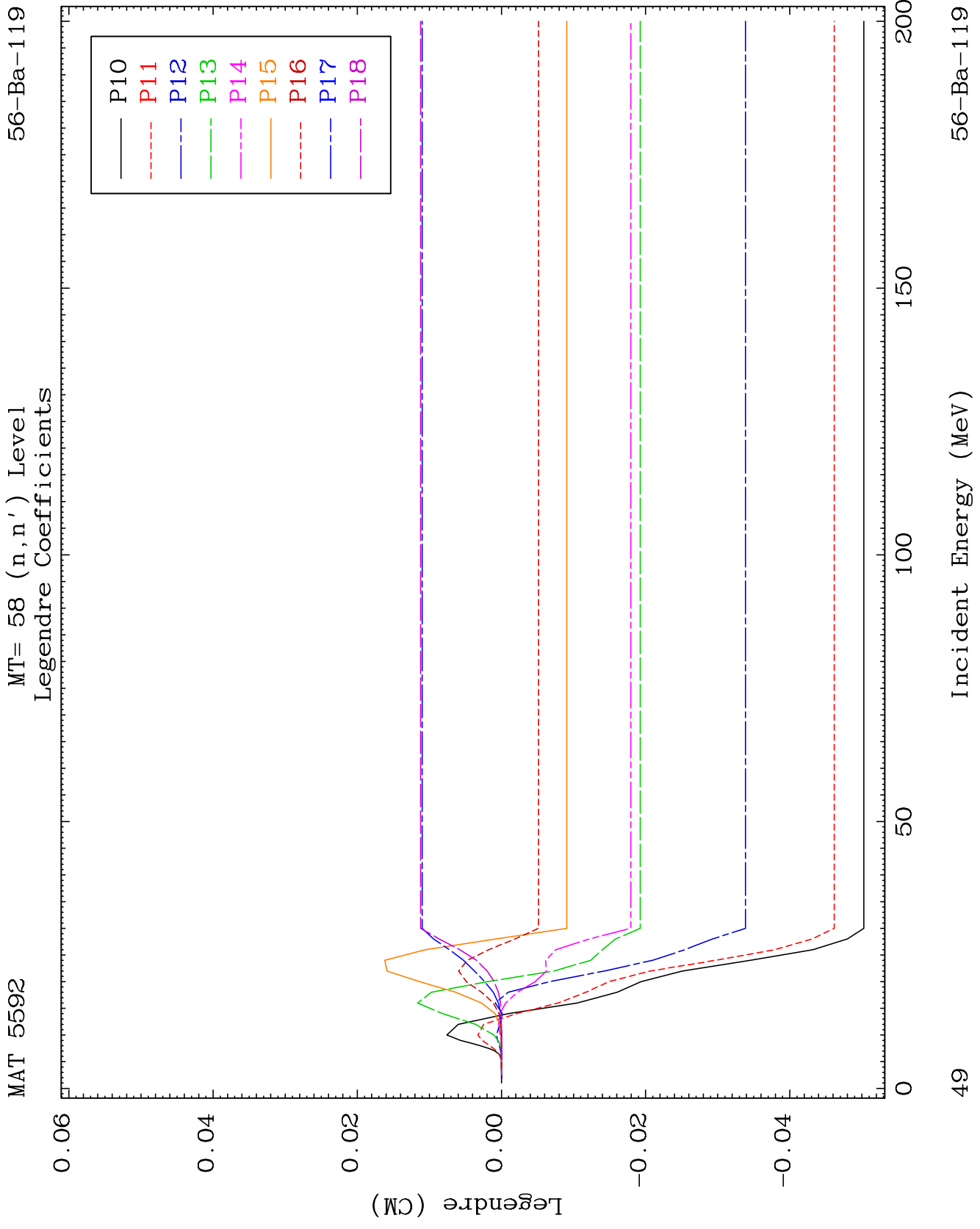
56-Ba-119



48

Incident Energy (MeV)

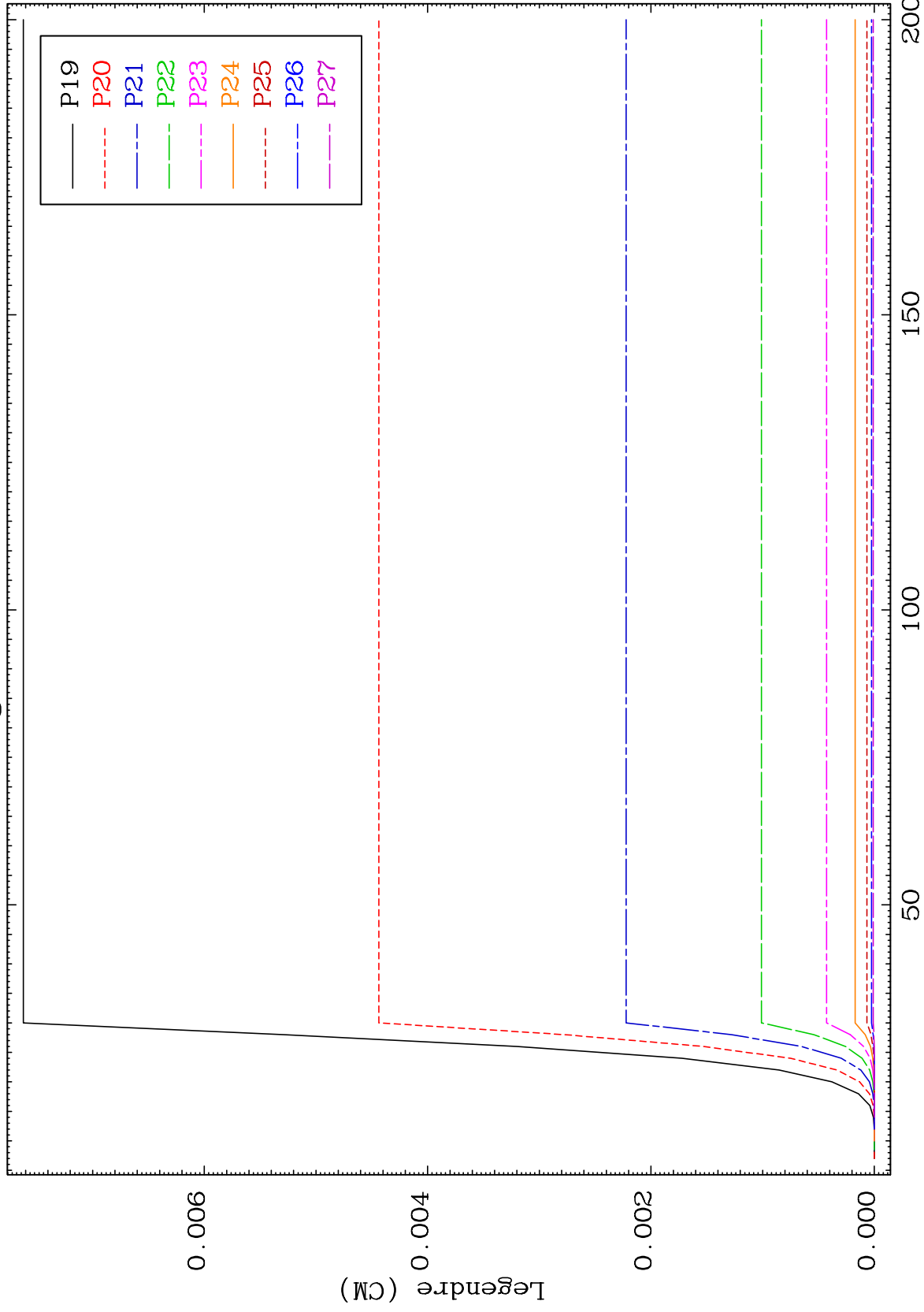
56-Ba-119



MAT 5592

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

56-Ba-119



50

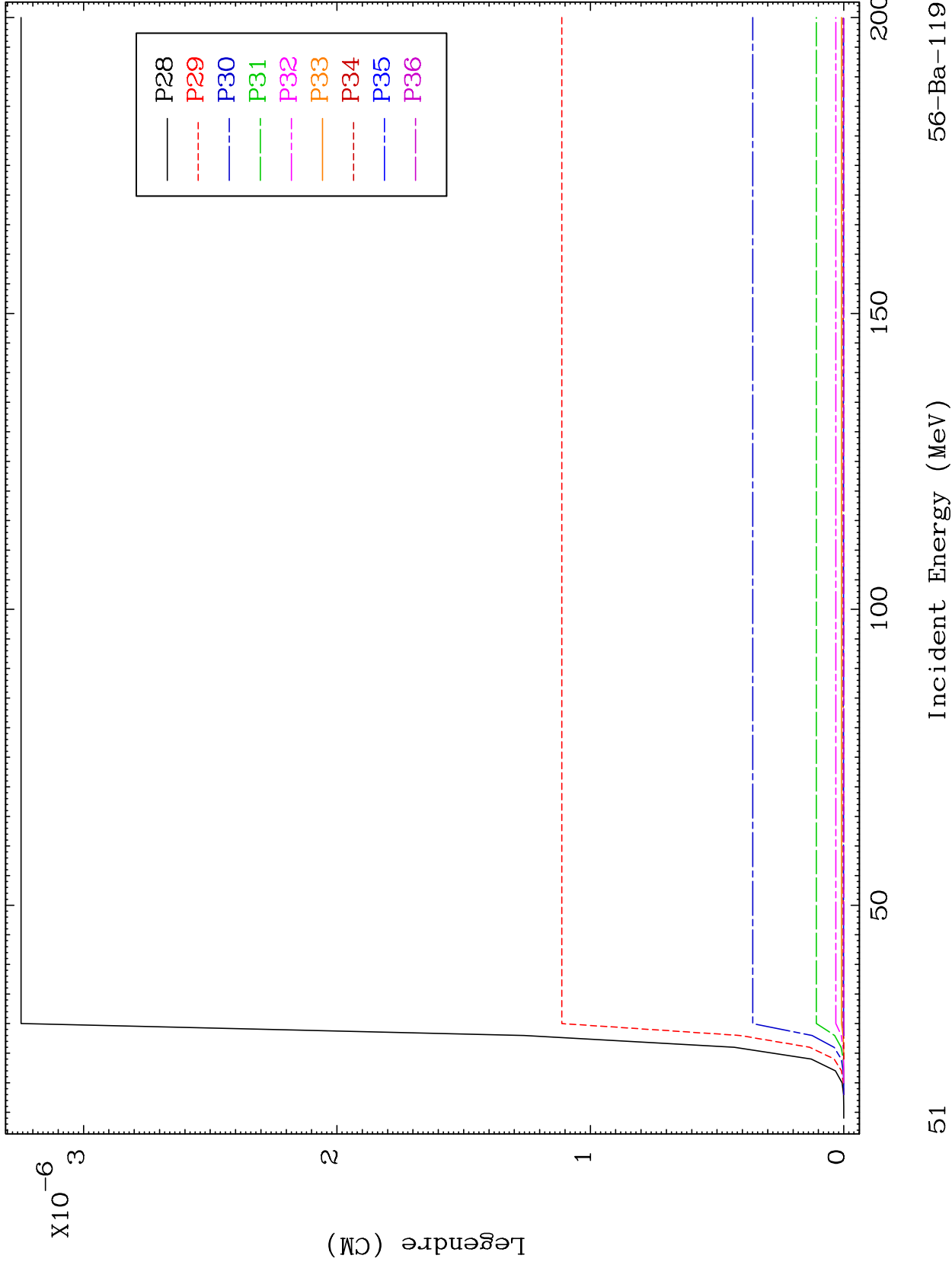
Incident Energy (MeV)

56-Ba-119

MAT 5592

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

56-Ba-119



51

Incident Energy (MeV)

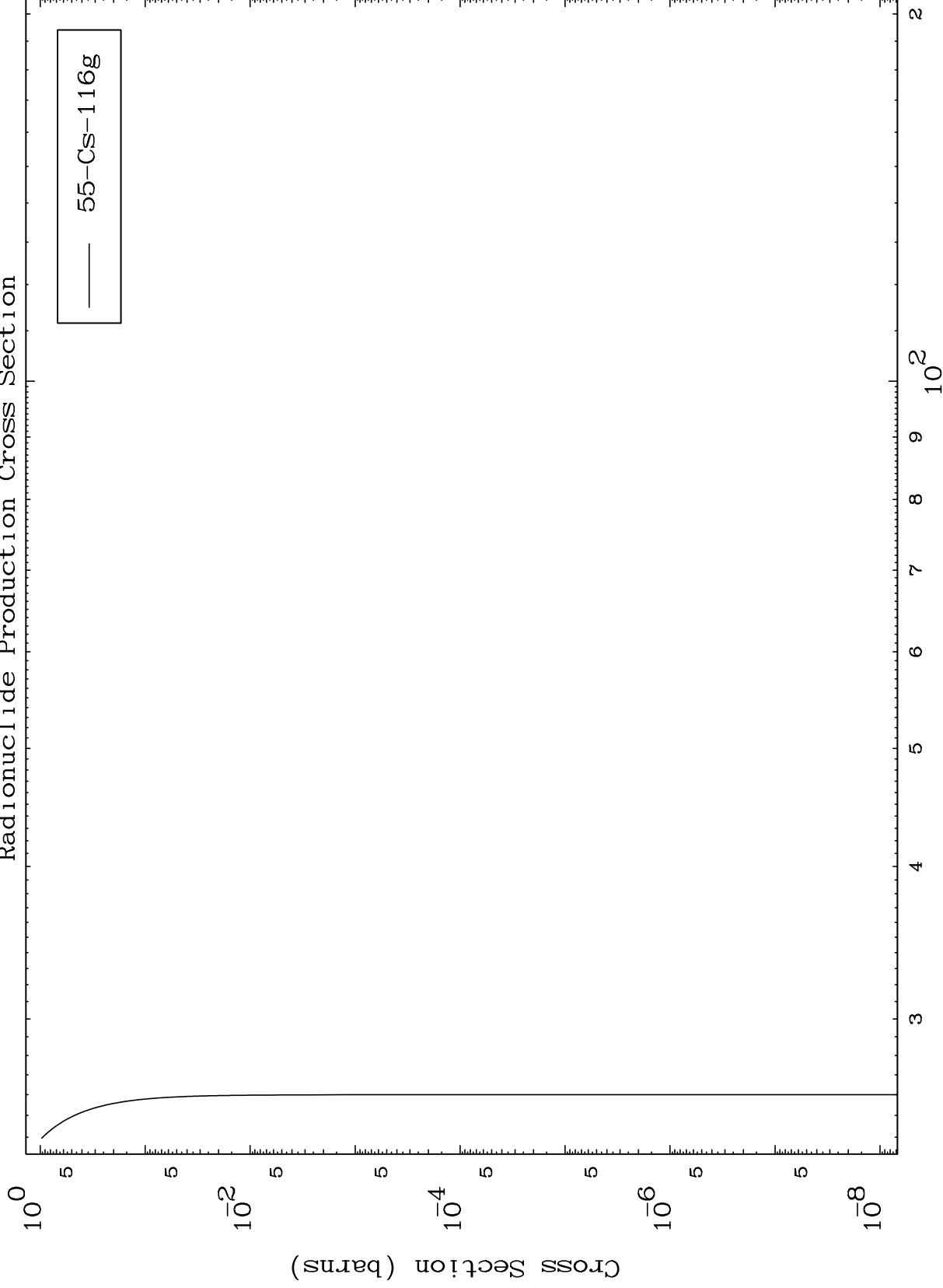
56-Ba-119

MAT 5592

(n,2n) d

56-Ba-119

Radionuclide Production Cross Section

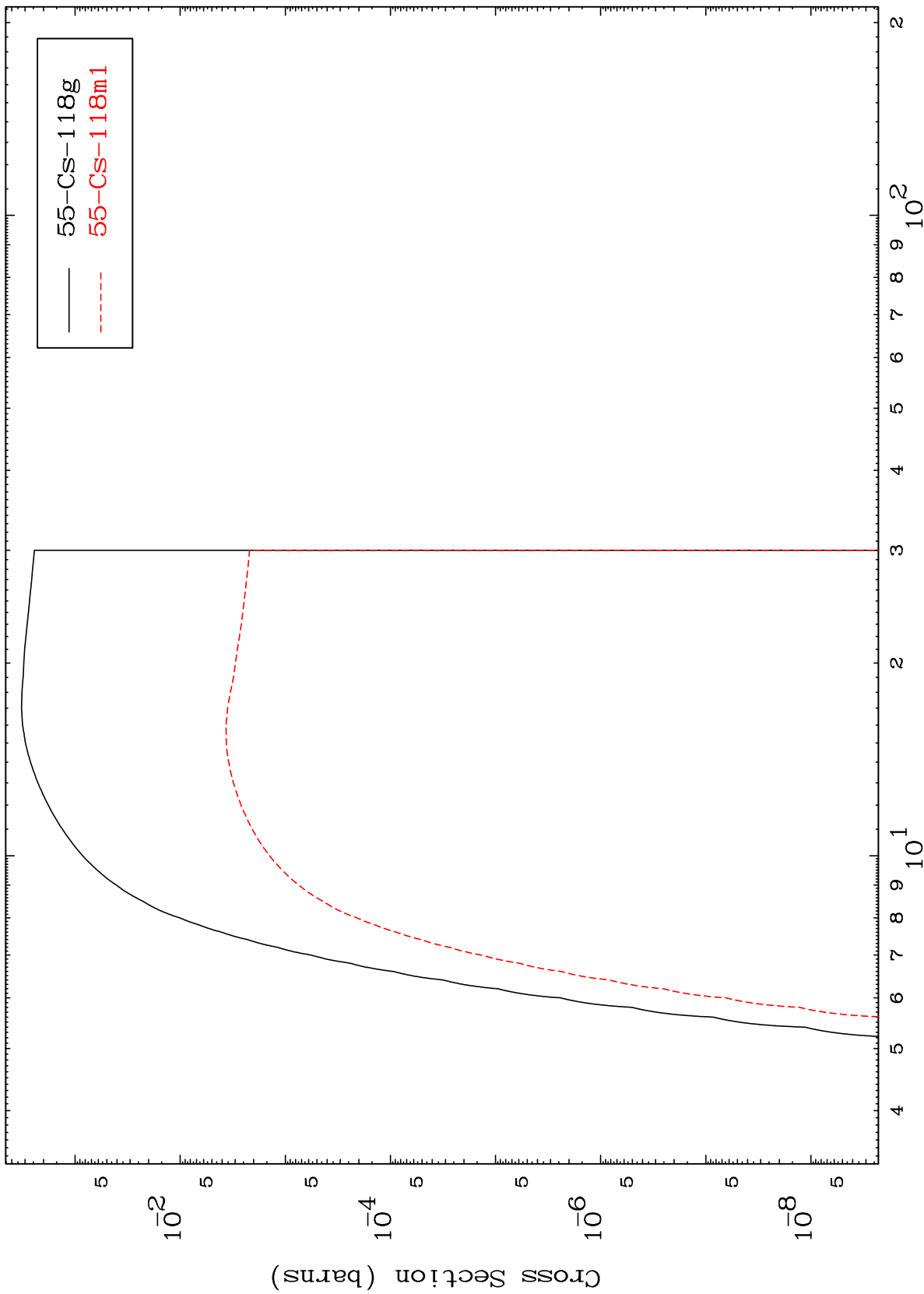


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Incident Energy (MeV)

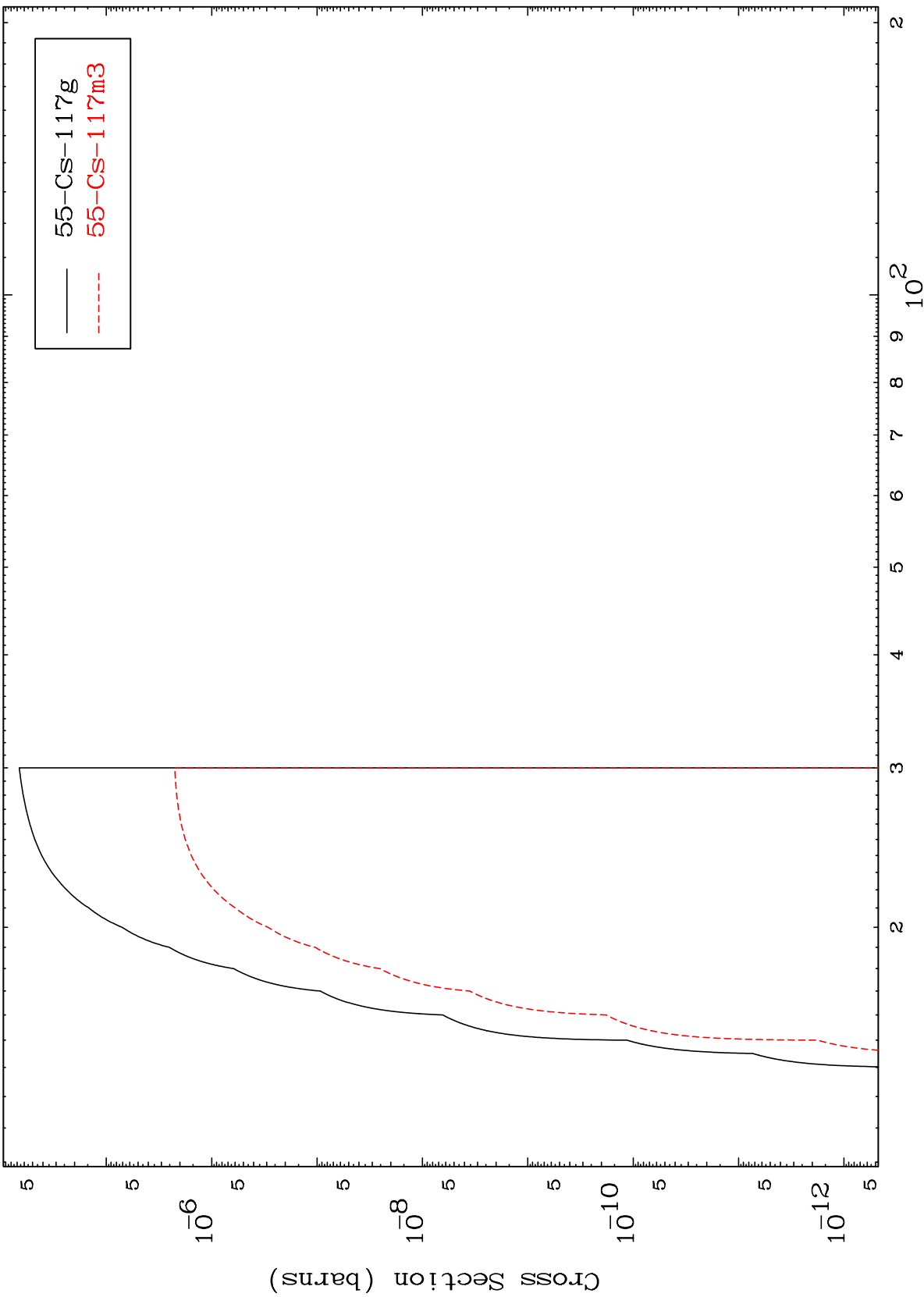
56-Ba-119

(n,n') p
Radionuclide Production Cross Section



55-Cs-118g
55-Cs-118m1

Radionuclide Production Cross Section



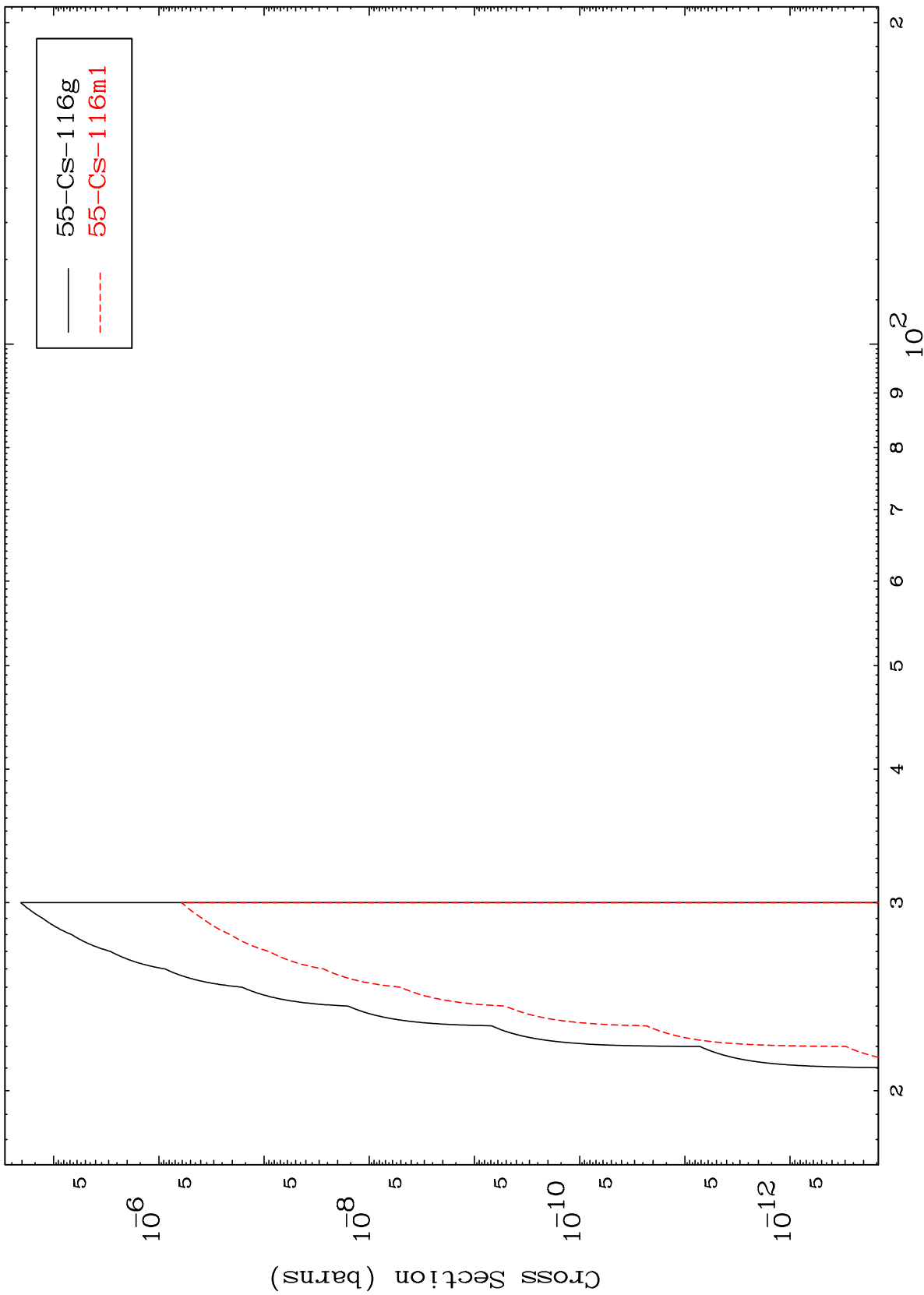
55-Cs-117g
55-Cs-117m3

MAT 5592

(n,n') t

56-Ba-119

Radionuclide Production Cross Section



55

Incident Energy (MeV)

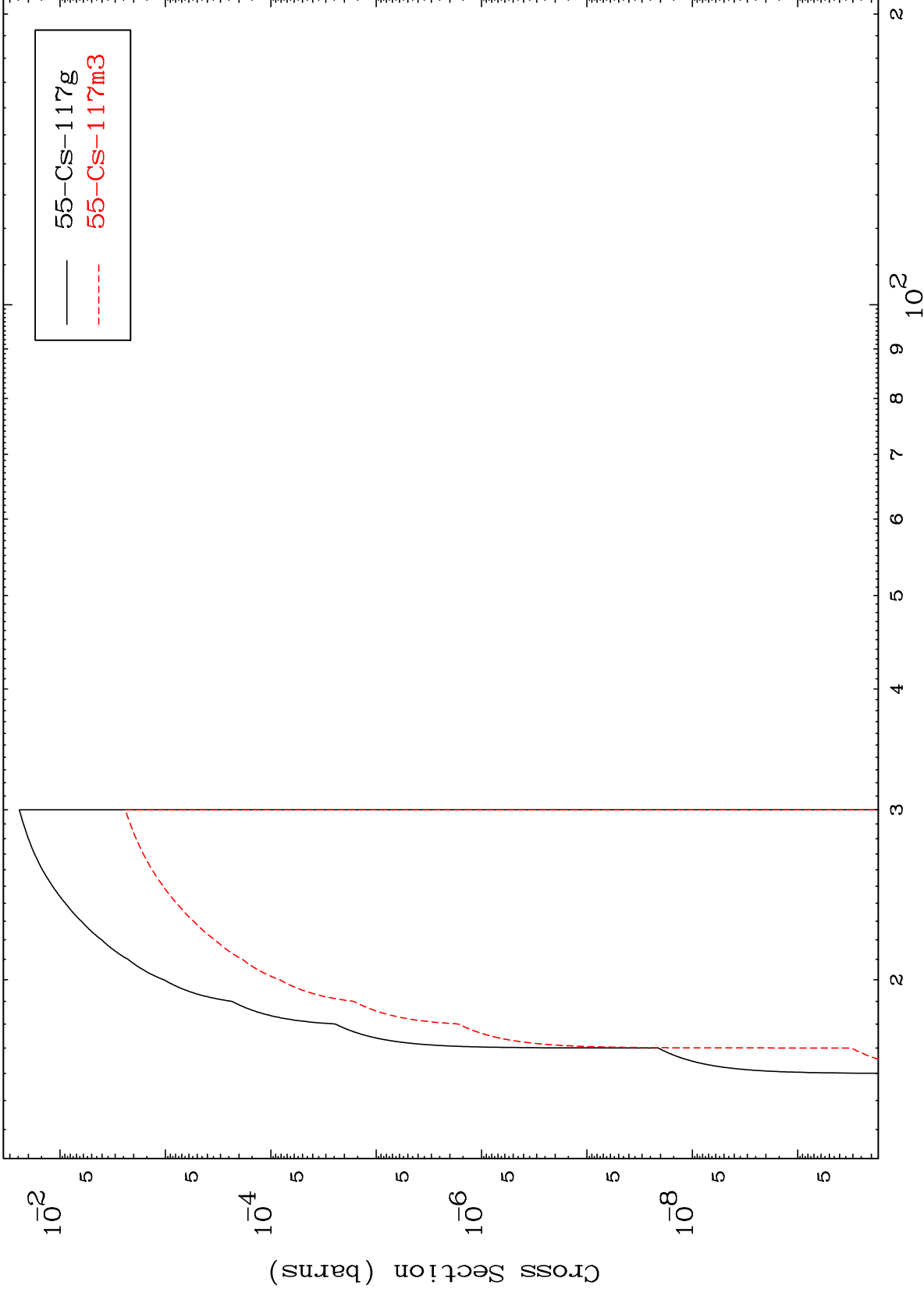
56-Ba-119

MAT 5592

(n,2n) p

56-Ba-119

Radionuclide Production Cross Section



56

Incident Energy (MeV)

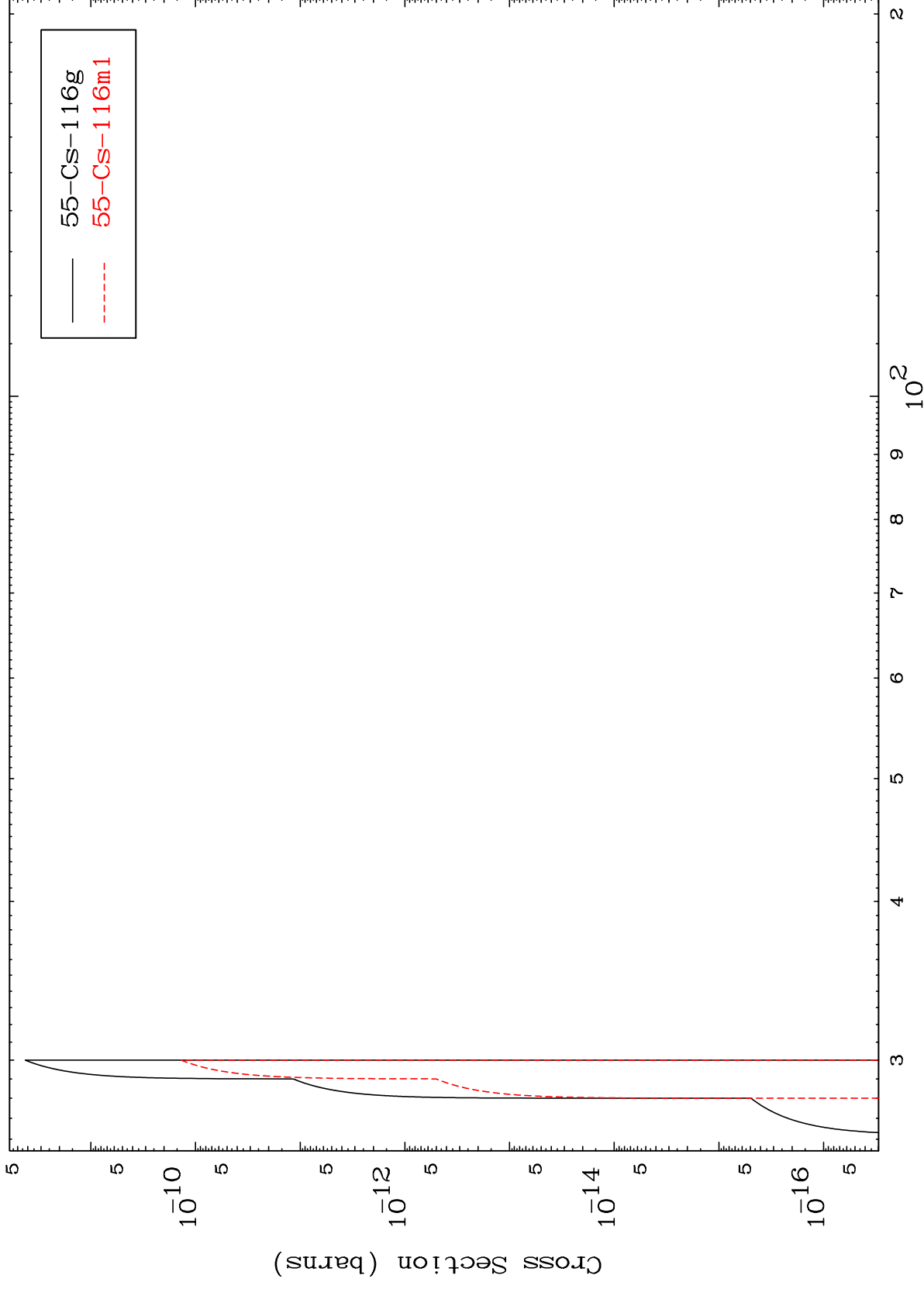
56-Ba-119

MAT 5592

(n,3n) p

56-Ba-119

Radionuclide Production Cross Section



55-Cs-116g
55-Cs-116m1

57

Incident Energy (MeV)

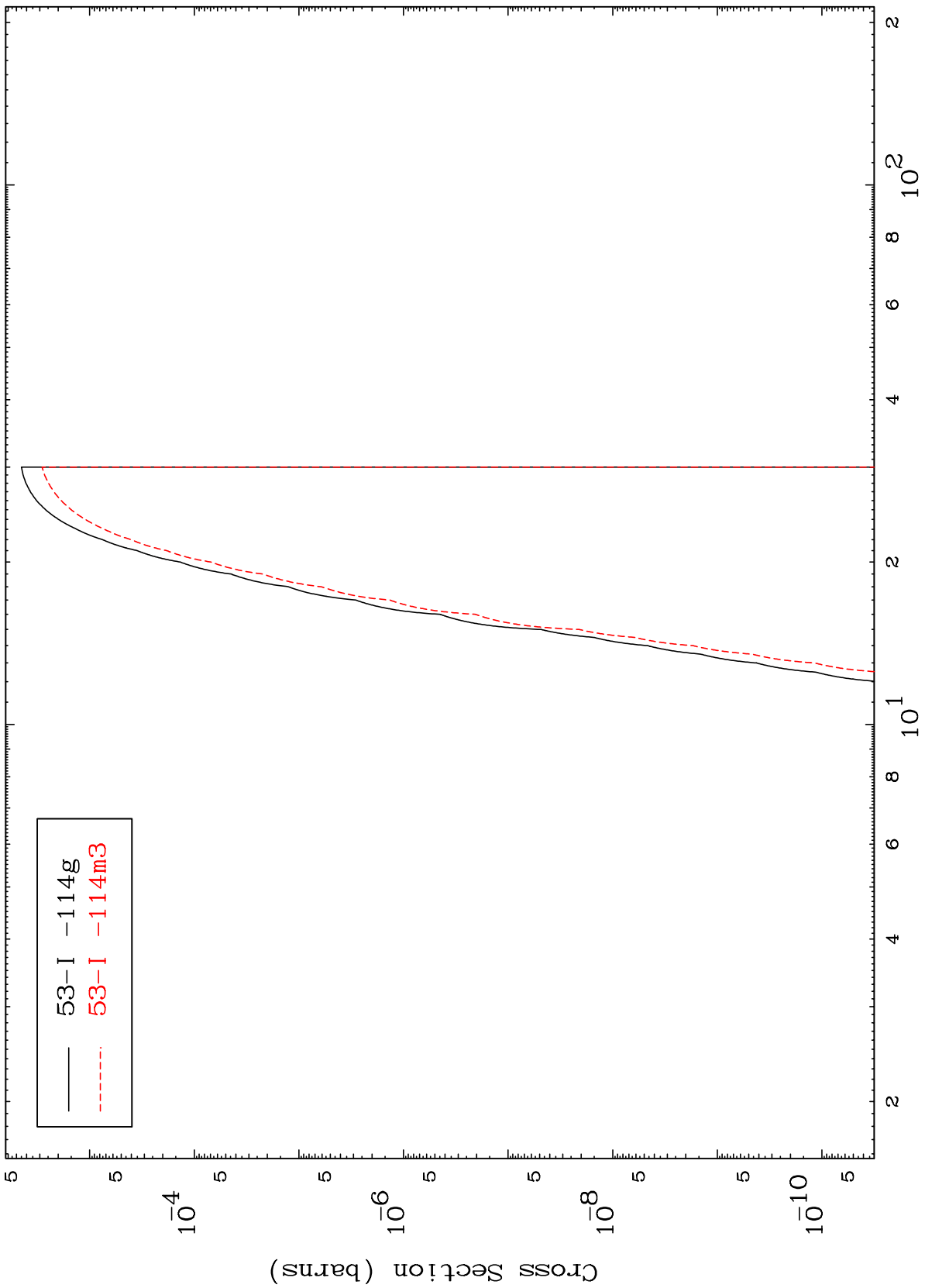
56-Ba-119

MAT 5592

(n,n') p α

56-Ba-119

Radionuclide Production Cross Section



58

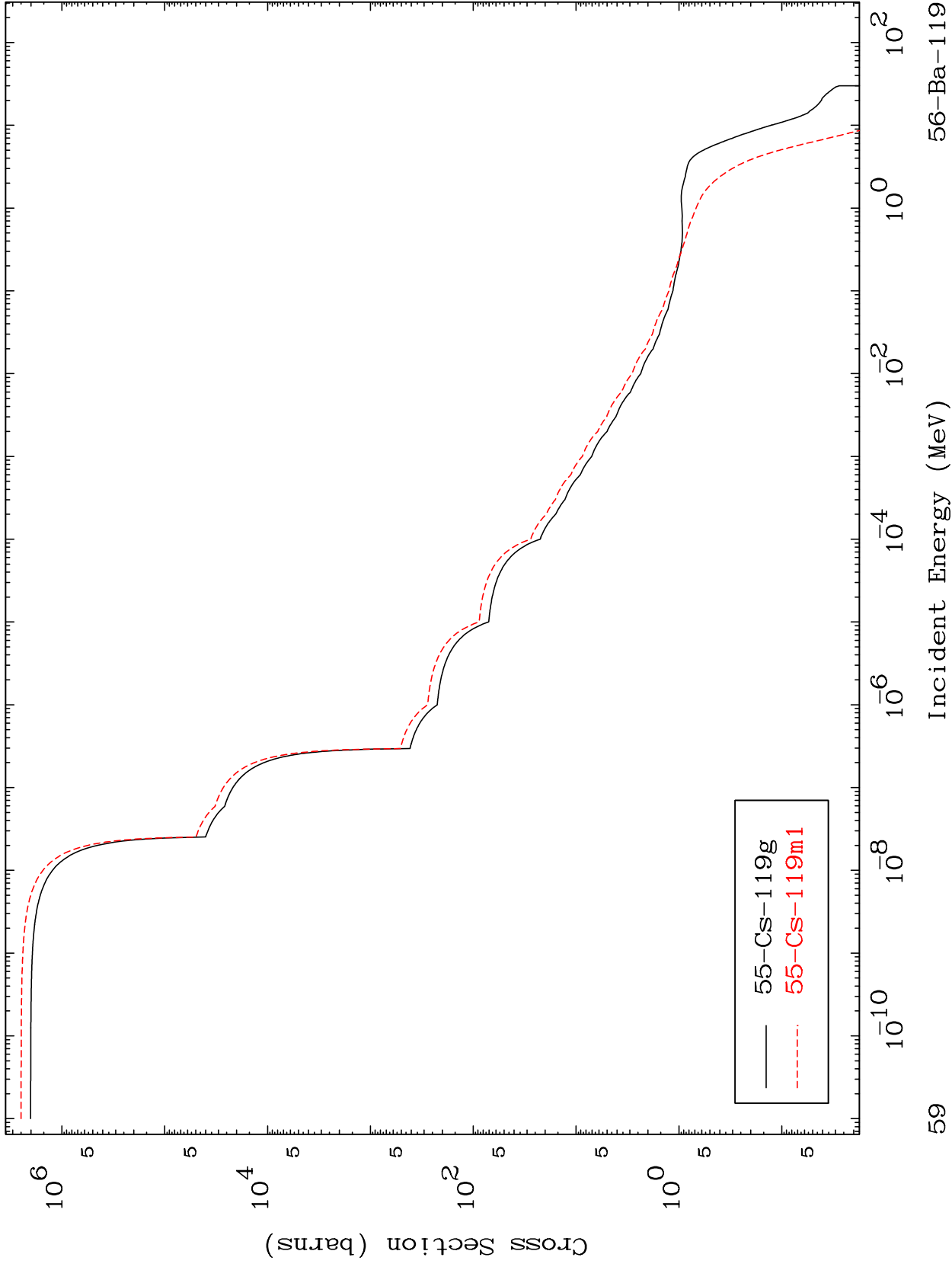
Incident Energy (MeV)

56-Ba-119

MAT 5592

56-Ba-119

(n,p)
Radionuclide Production Cross Section



59

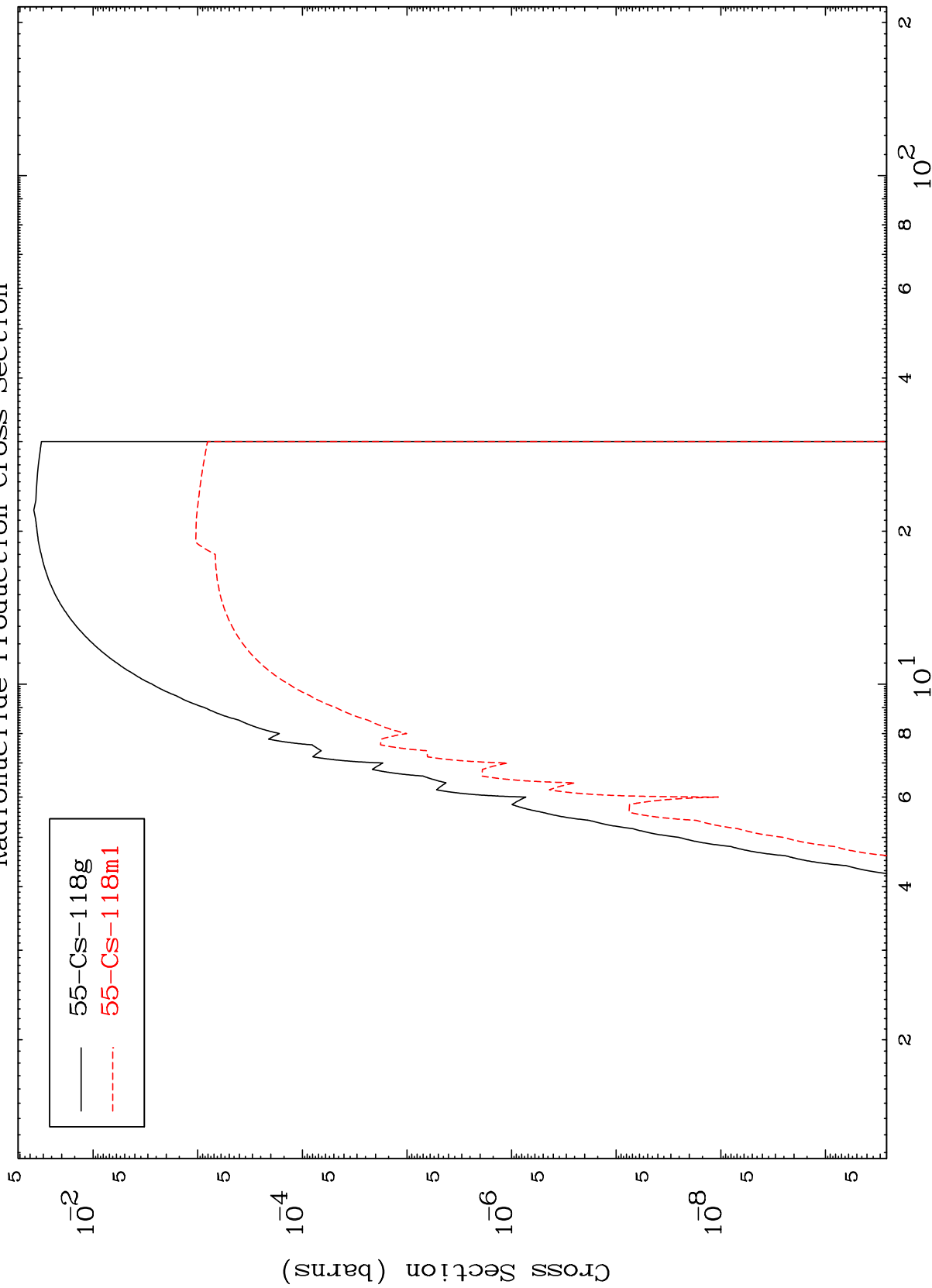
56-Ba-119

MAT 5592

(n,d)

56-Ba-119

Radionuclide Production Cross Section



60

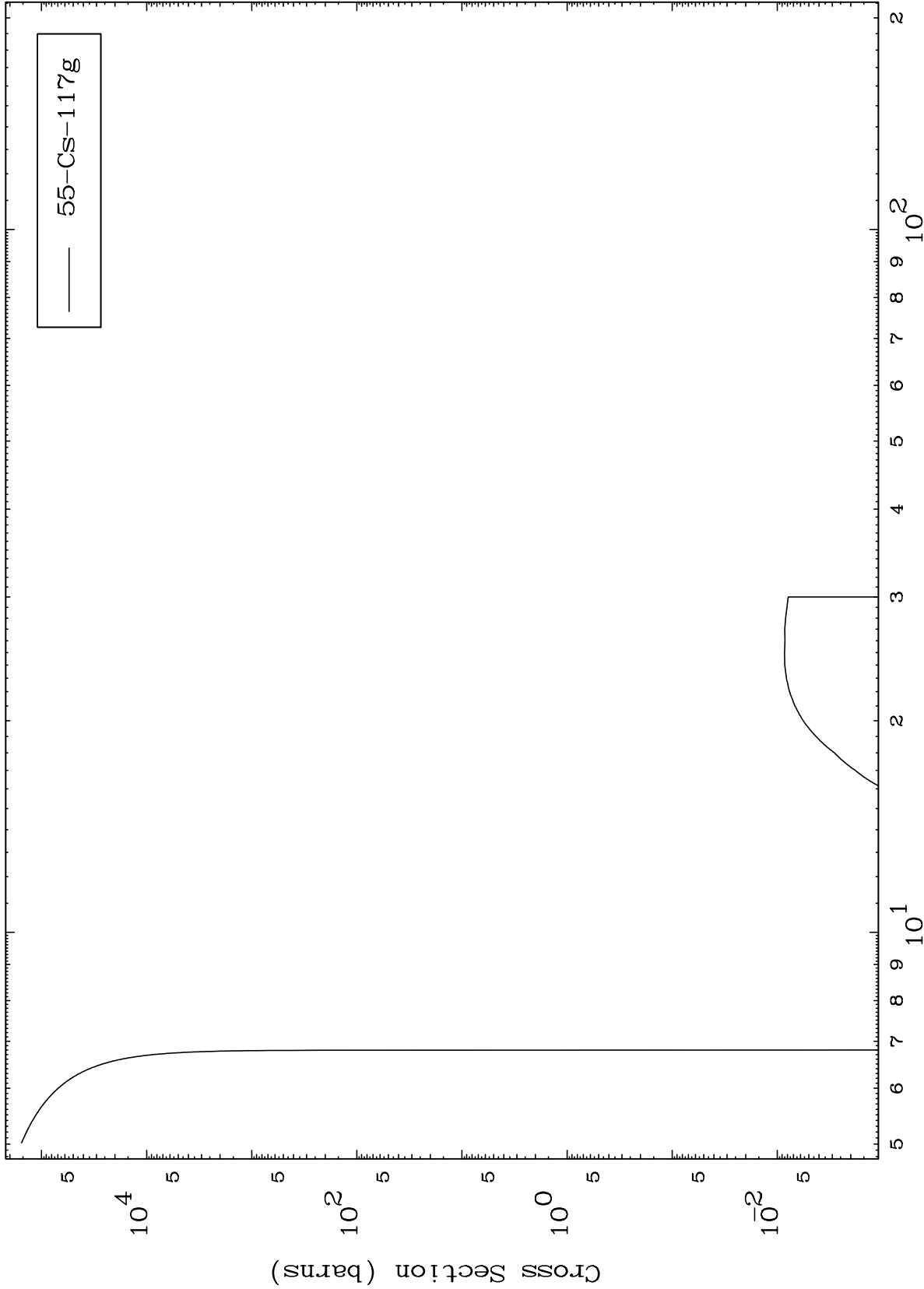
Incident Energy (MeV)

56-Ba-119

MAT 5592

56-Ba-119

(n,t)
Radionuclide Production Cross Section



61

Incident Energy (MeV)

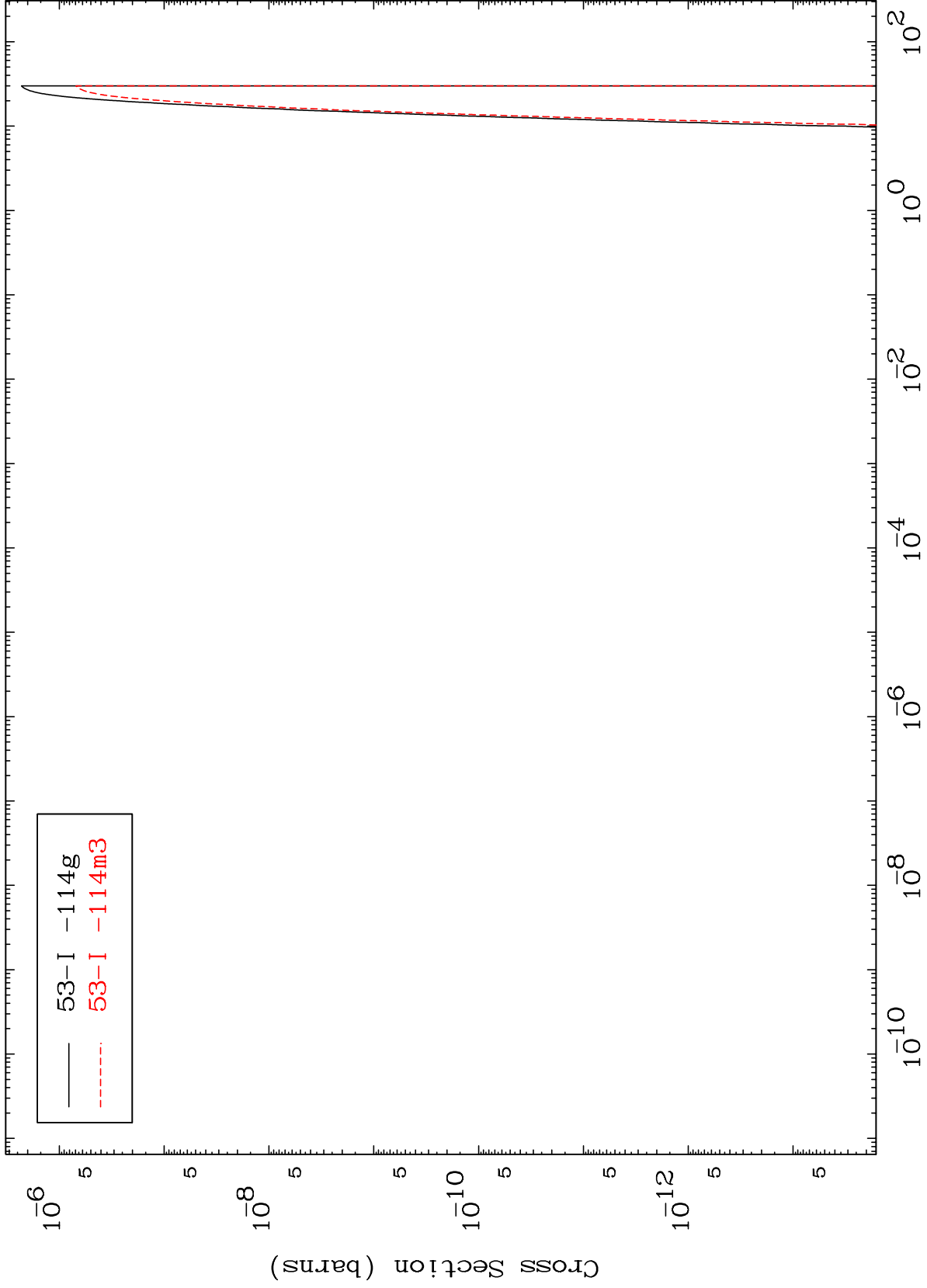
56-Ba-119

MAT 5592

(n,d) α

56-Ba-119

Radionuclide Production Cross Section



62

Incident Energy (MeV)

56-Ba-119