

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

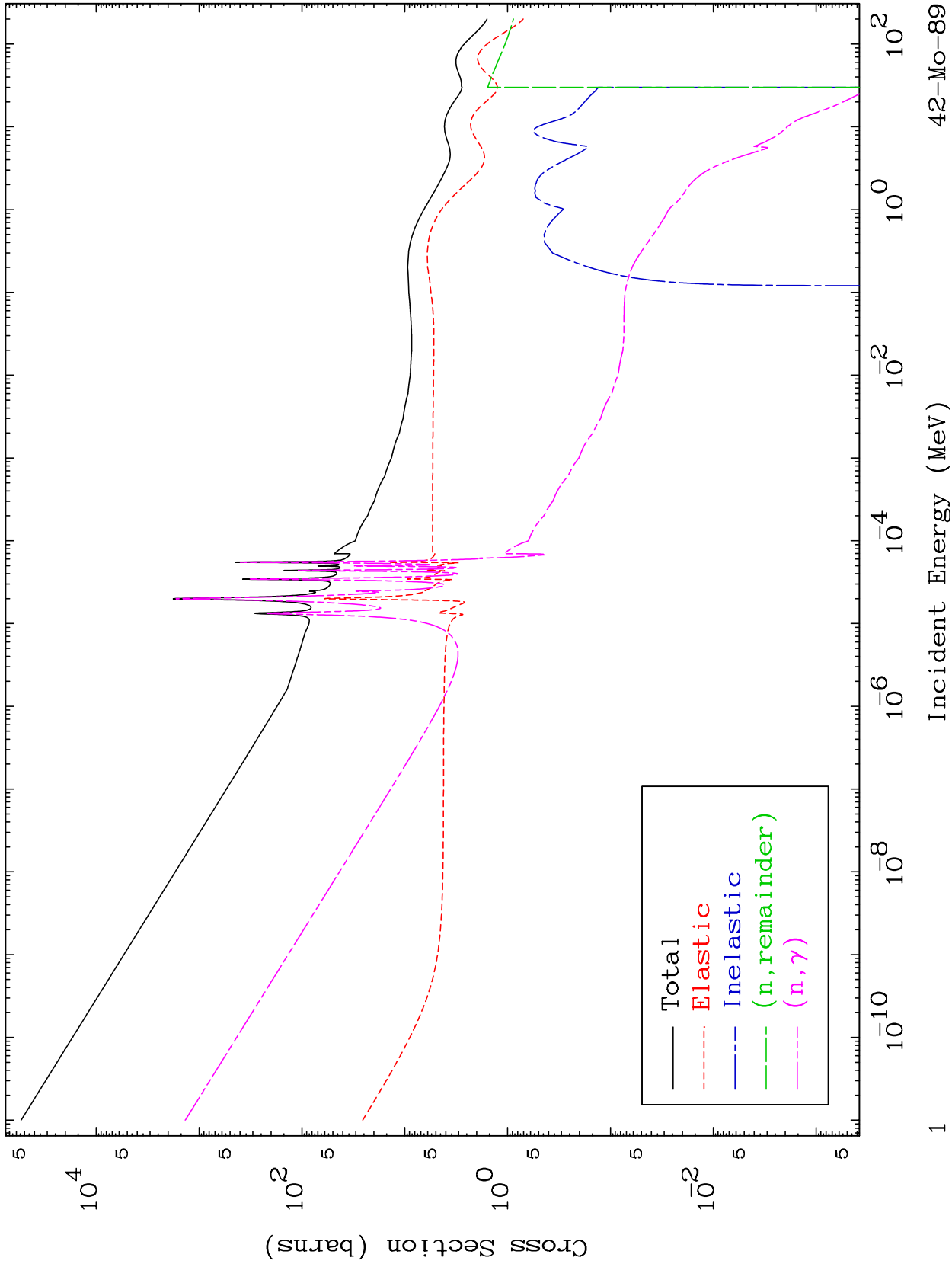
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Press Mouse Button to Start

MAT 4216

Major
293 Kelvin Cross Sections

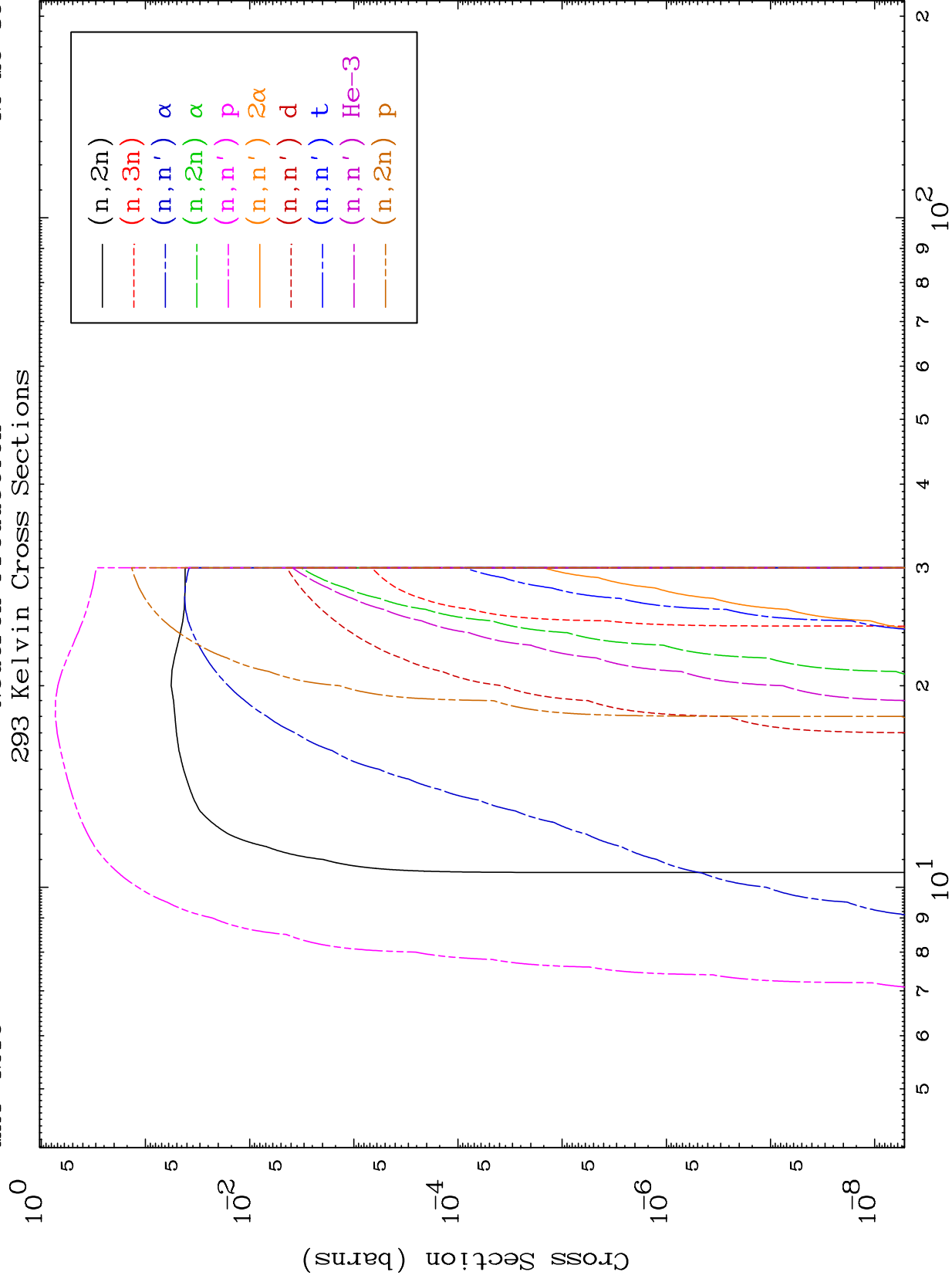
42-Mo-89



MAT 4216

Neutron Production
293 Kelvin Cross Sections

42-Mo-89



2

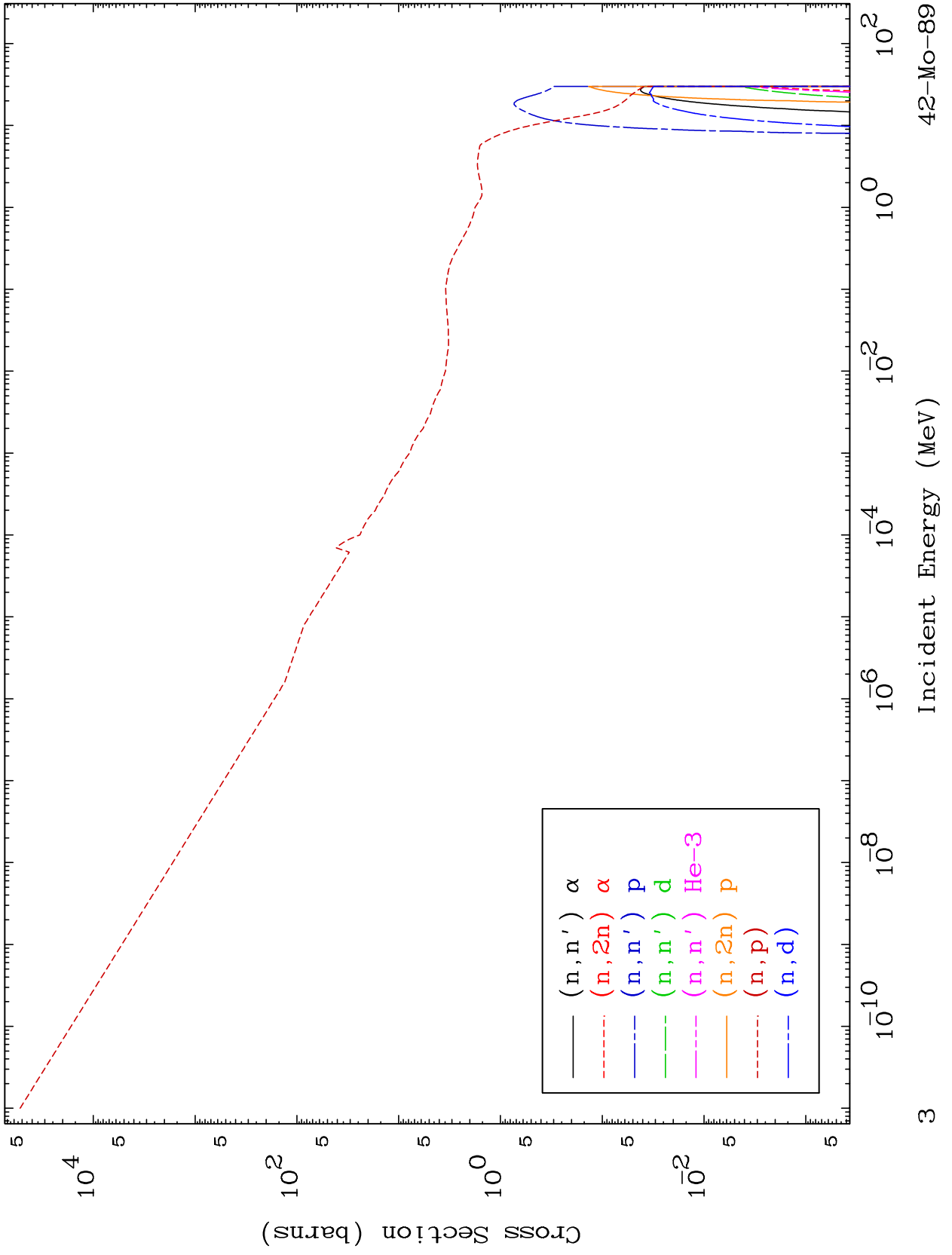
Incident Energy (MeV)

42-Mo-89

MAT 4216

Charged Particle
293 Kelvin Cross Sections

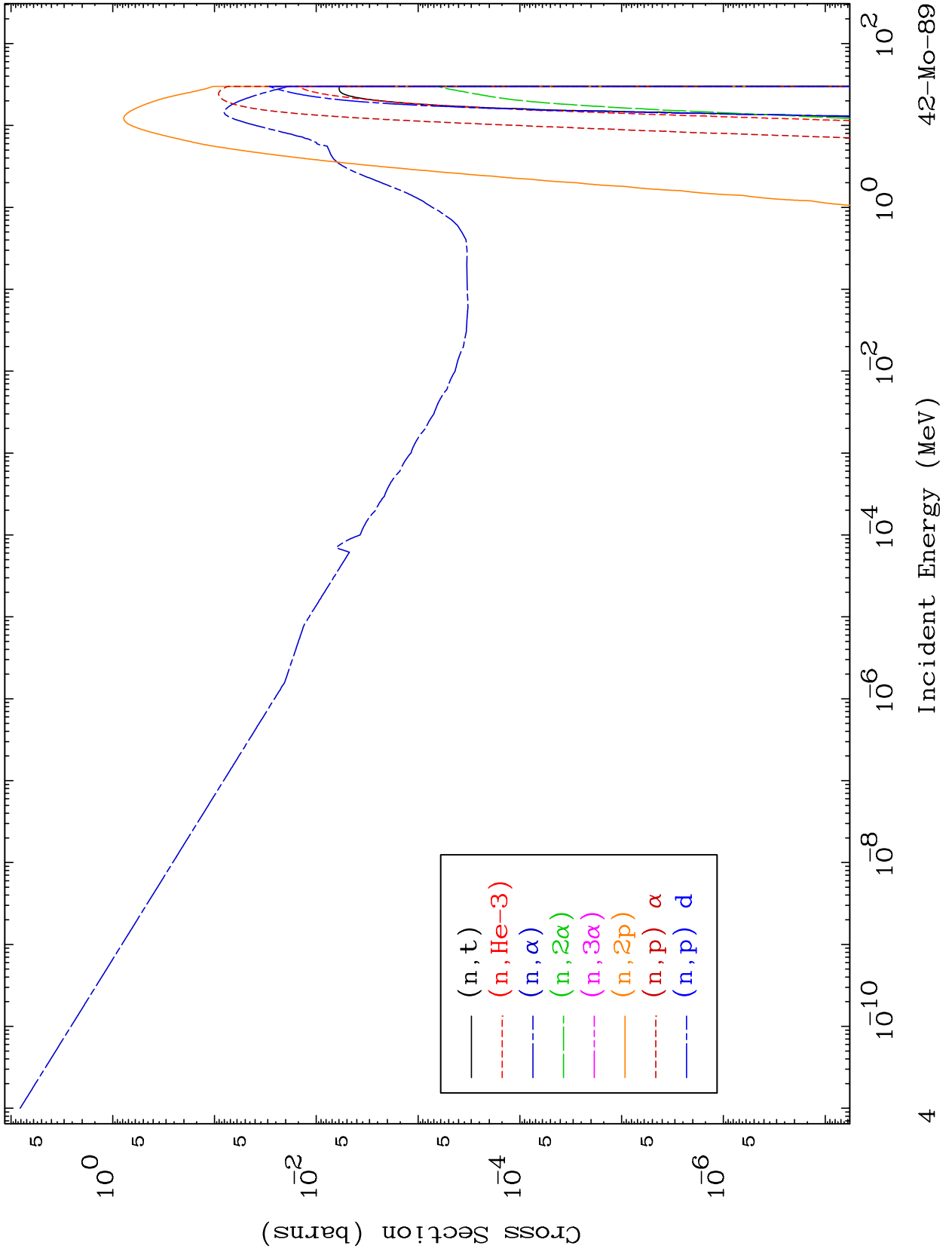
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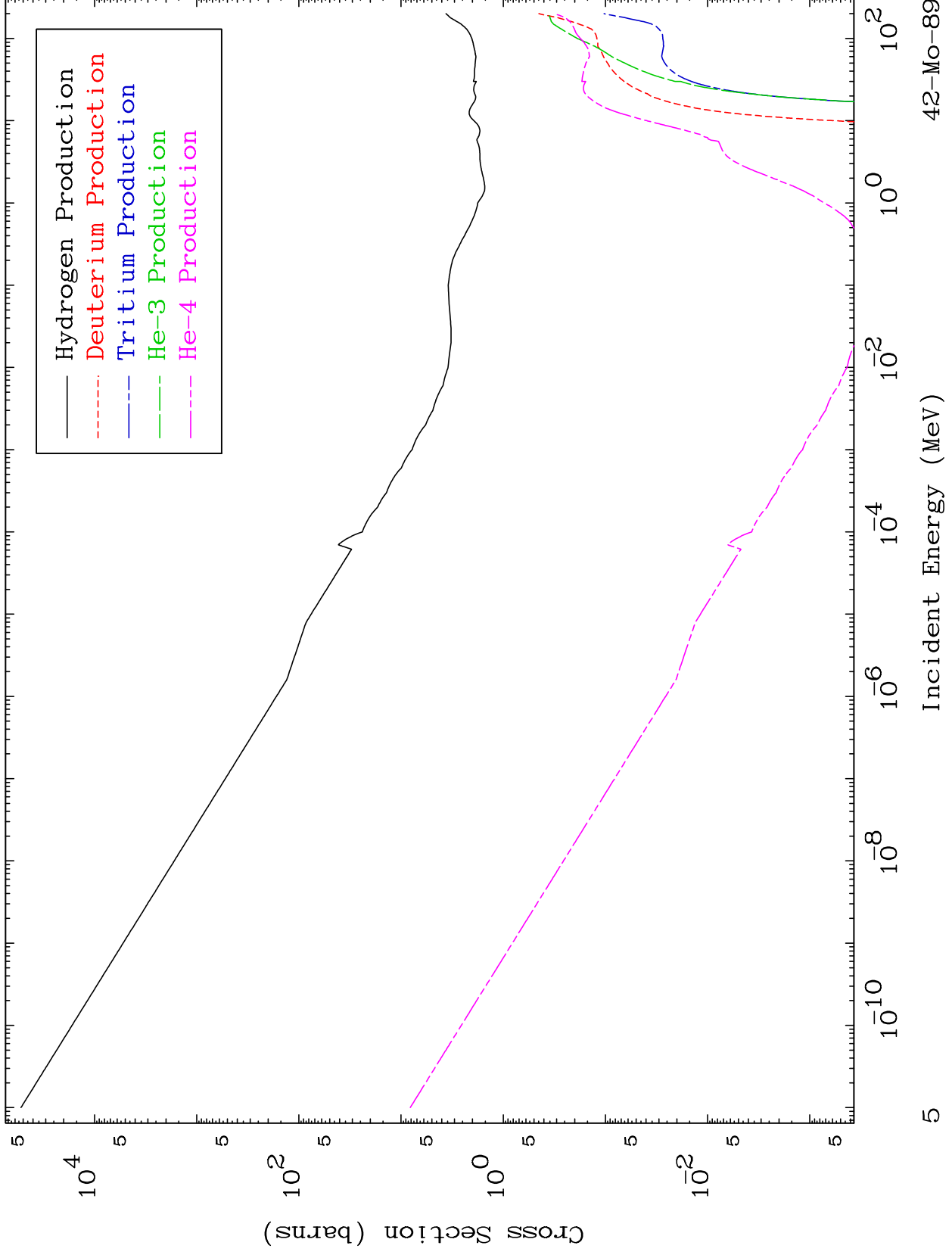


MAT 4216

Charged Particle
293 Kelvin Cross Sections

42-Mo-89



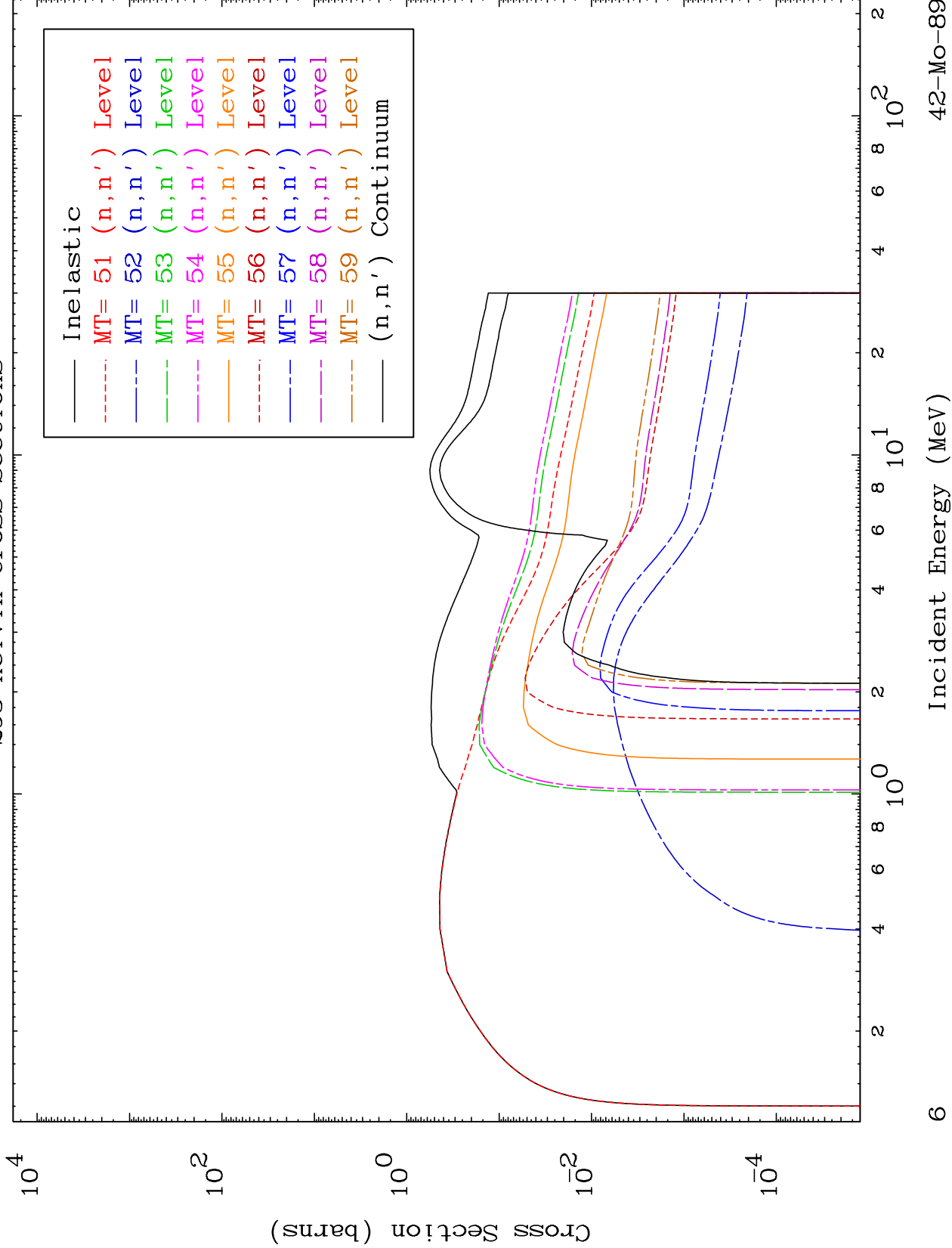


MAT 4216

(n,n') Level

42-Mo-89

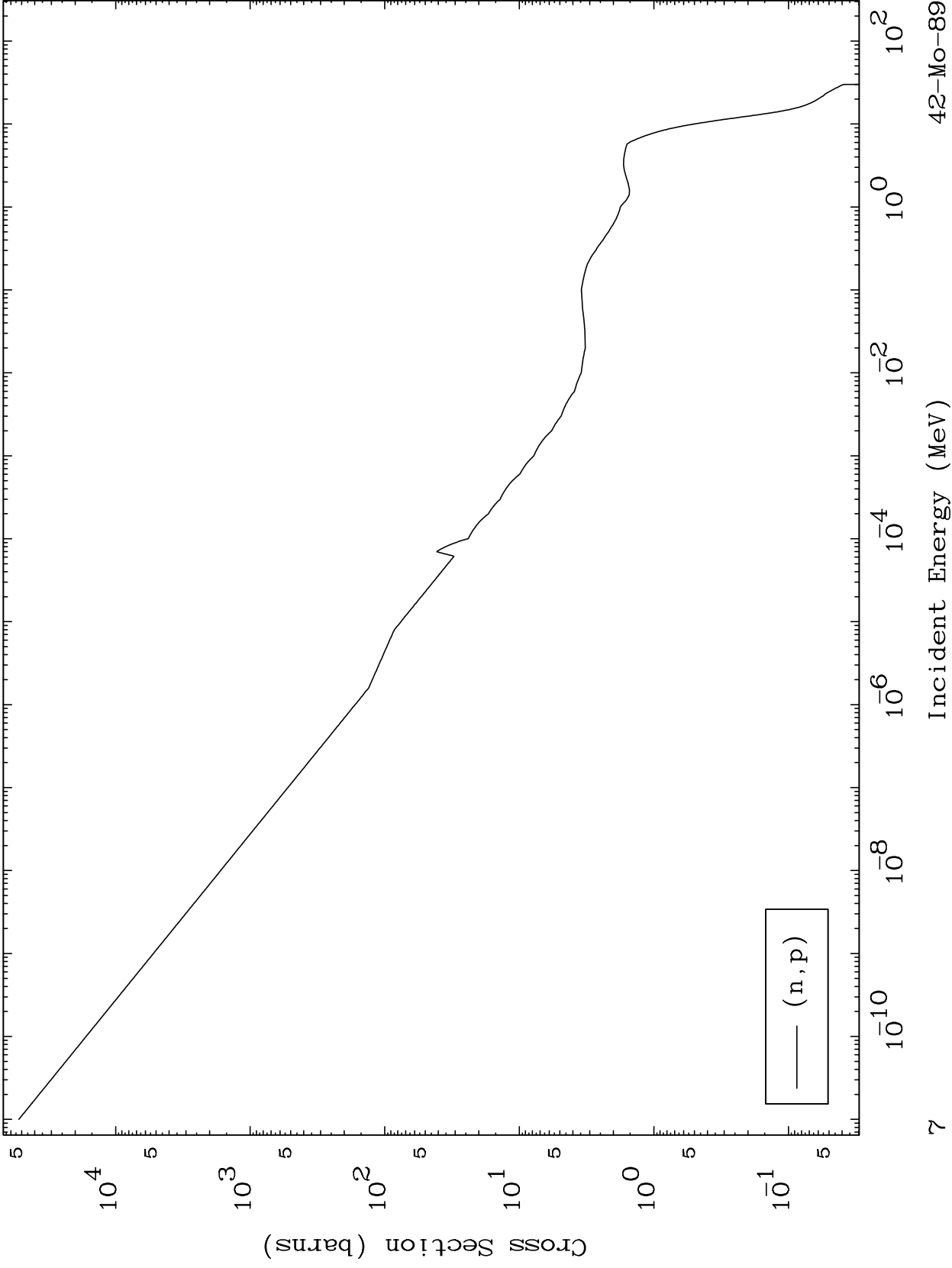
293 Kelvin Cross Sections



MAT 4216

(n,p) Levels
293 Kelvin Cross Sections

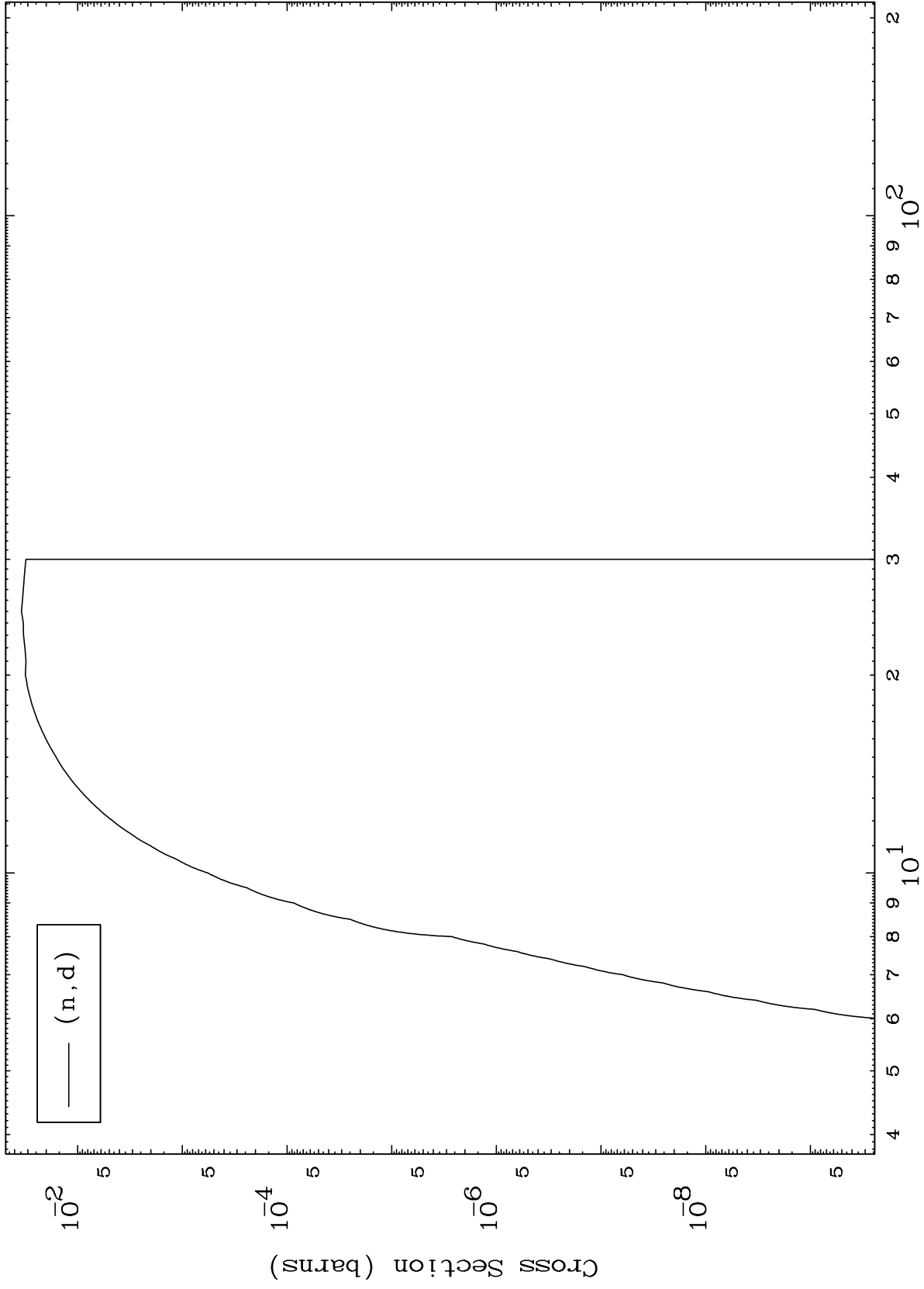
42-Mo-89



MAT 4216

(n,d) Levels
293 Kelvin Cross Sections

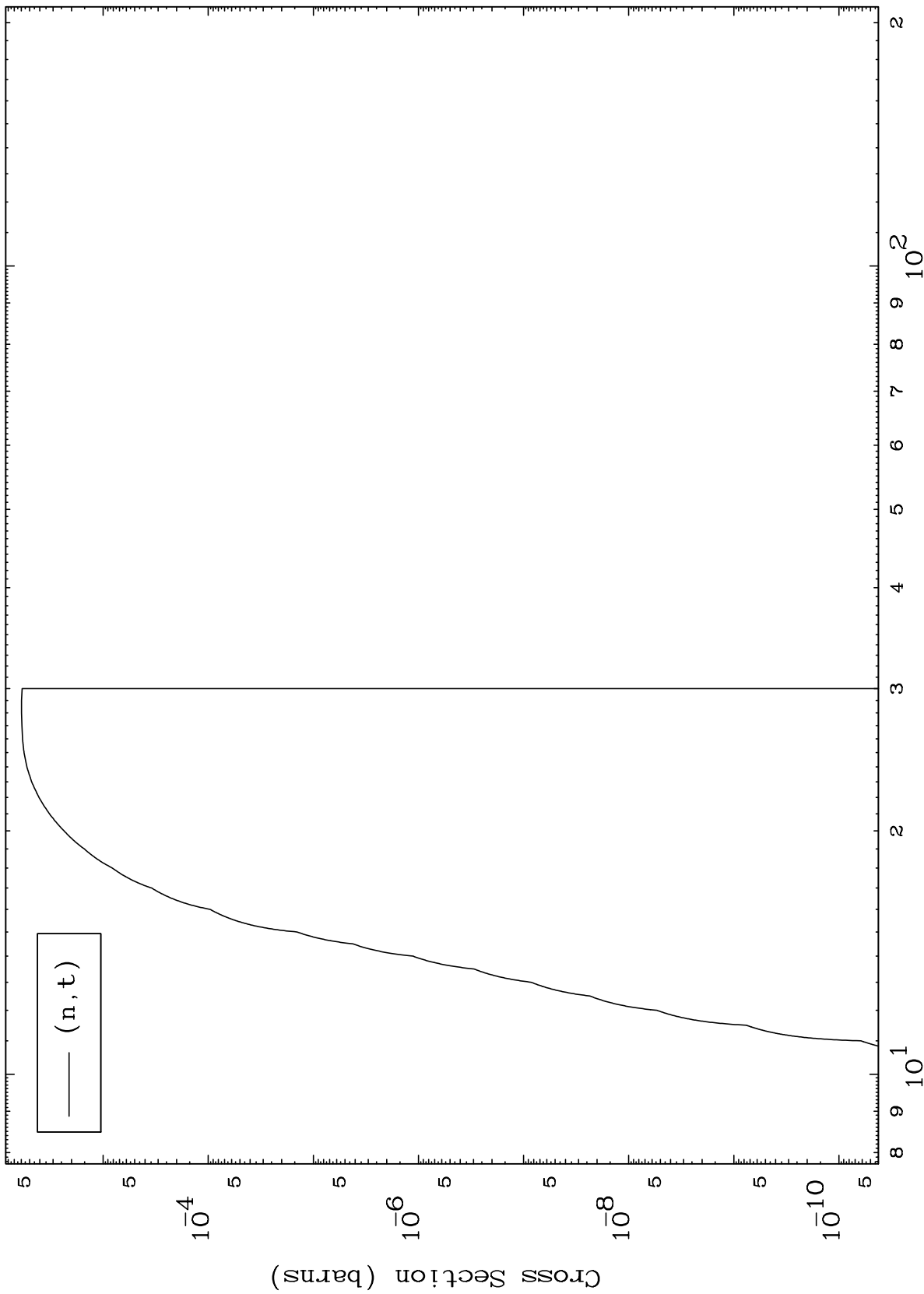
42-Mo-89



8

Incident Energy (MeV)

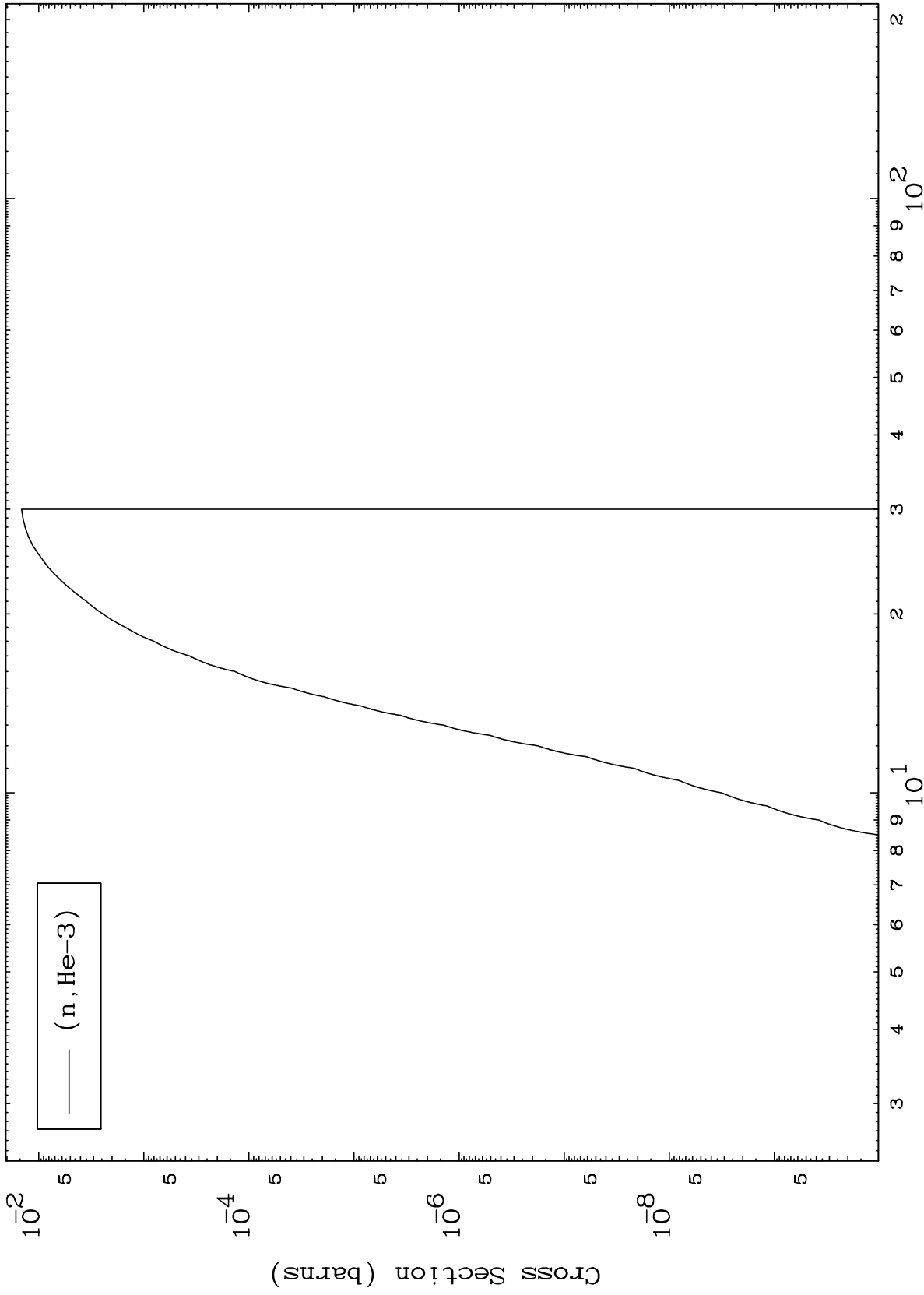
42-Mo-89



MAT 4216

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-89



10

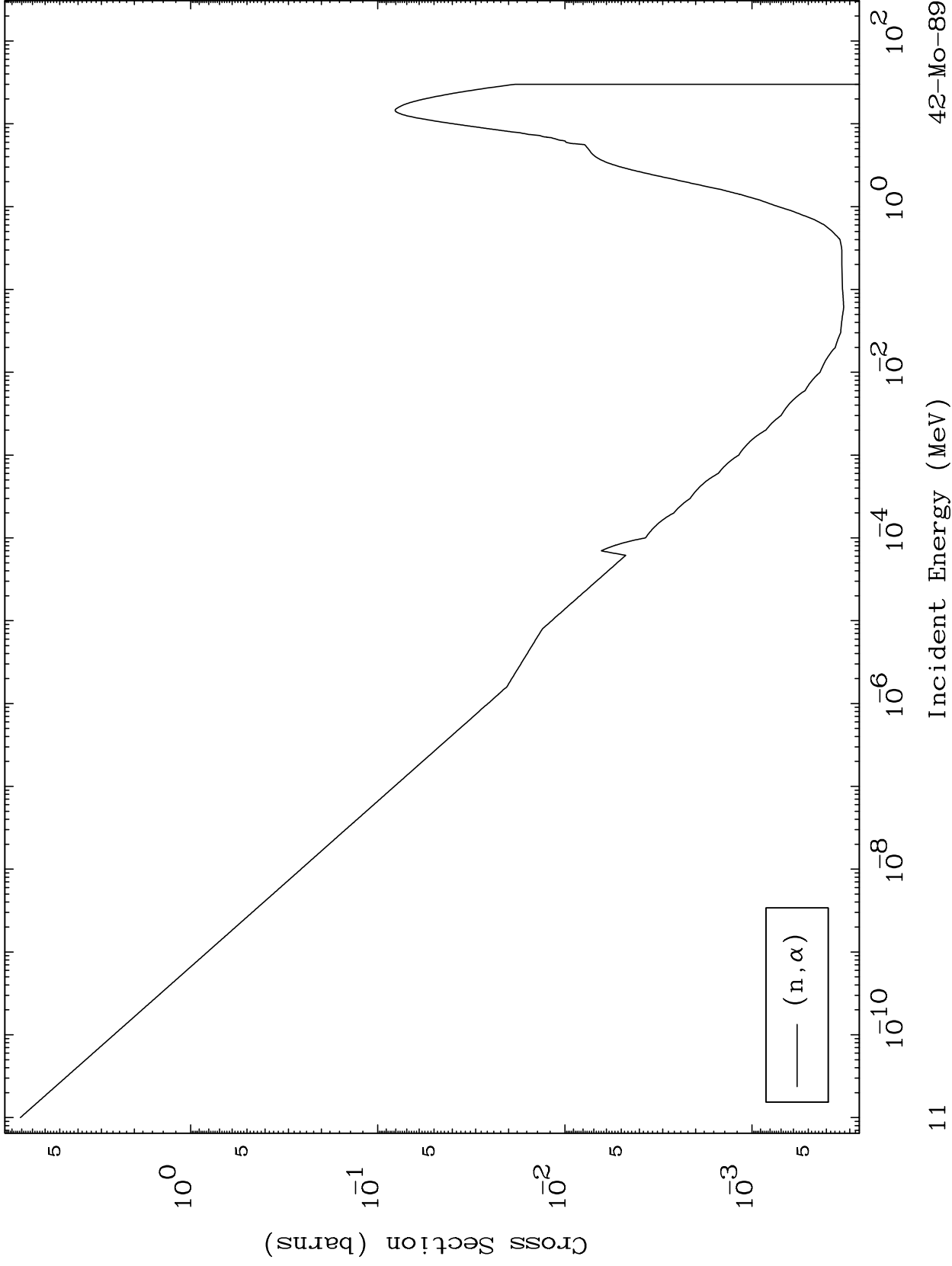
Incident Energy (MeV)

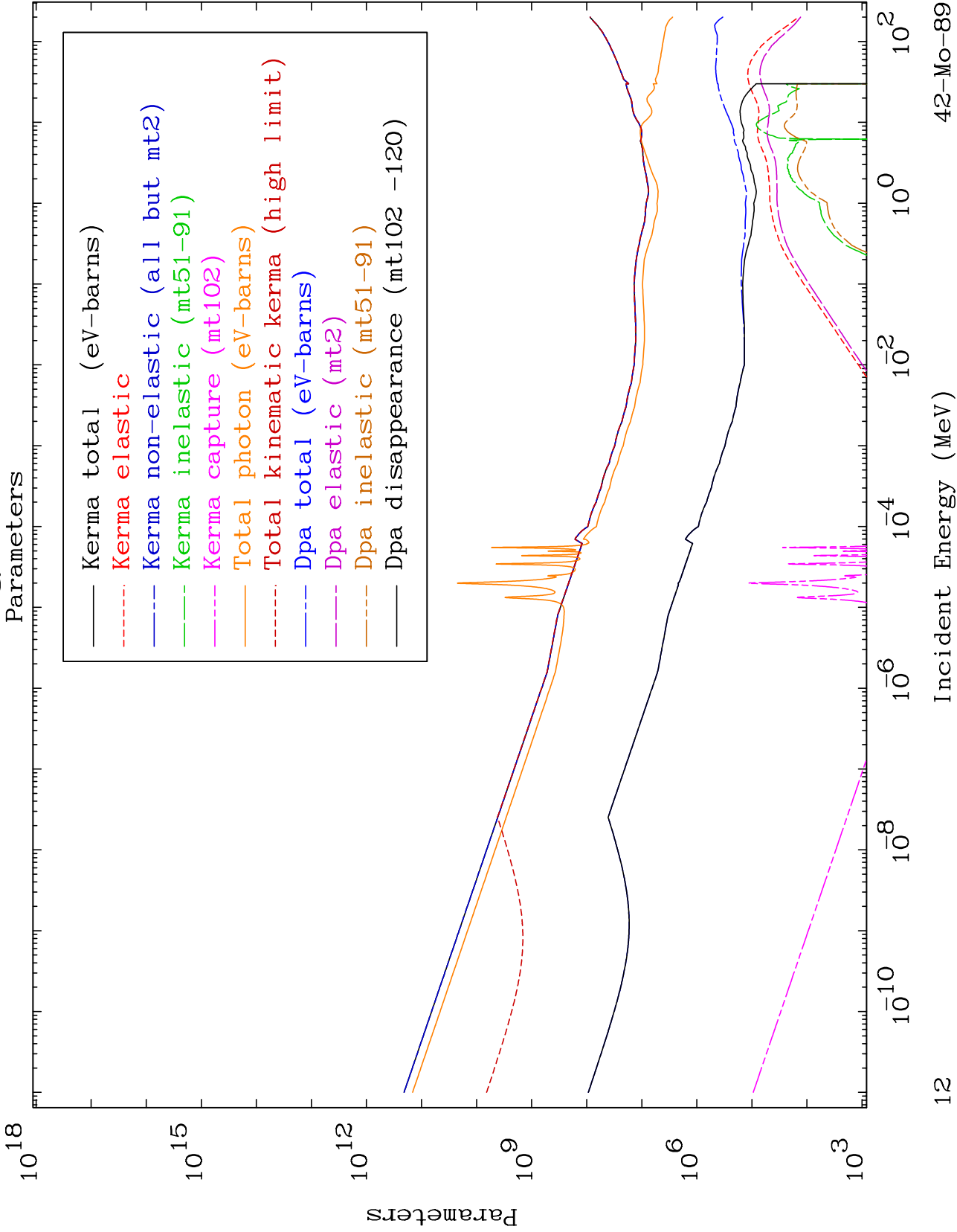
42-Mo-89

MAT 4216

(n,α) Levels
293 Kelvin Cross Sections

42-Mo-89

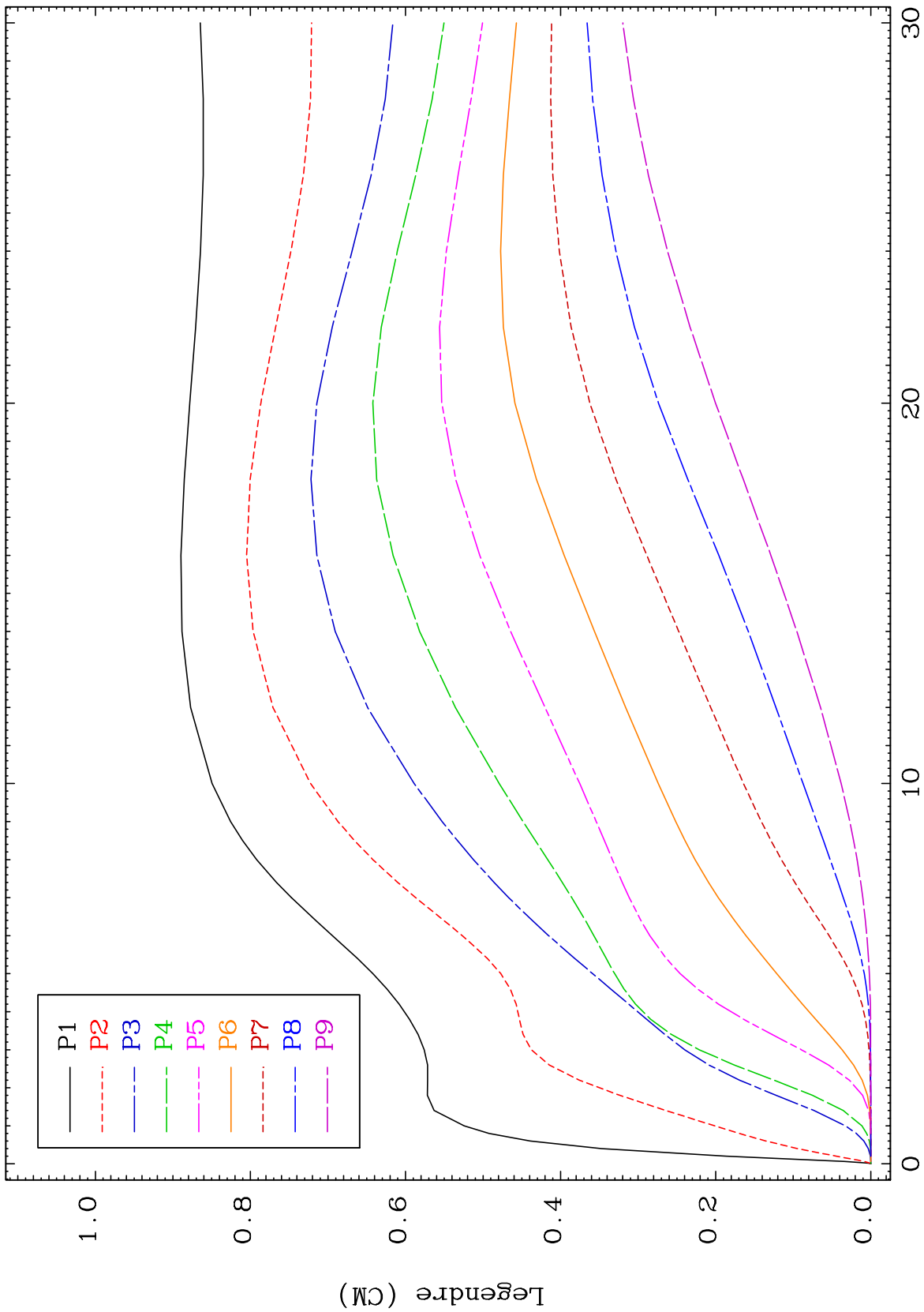




MAT 4216

Elastic Legendre Coefficients

42-Mo-89



13

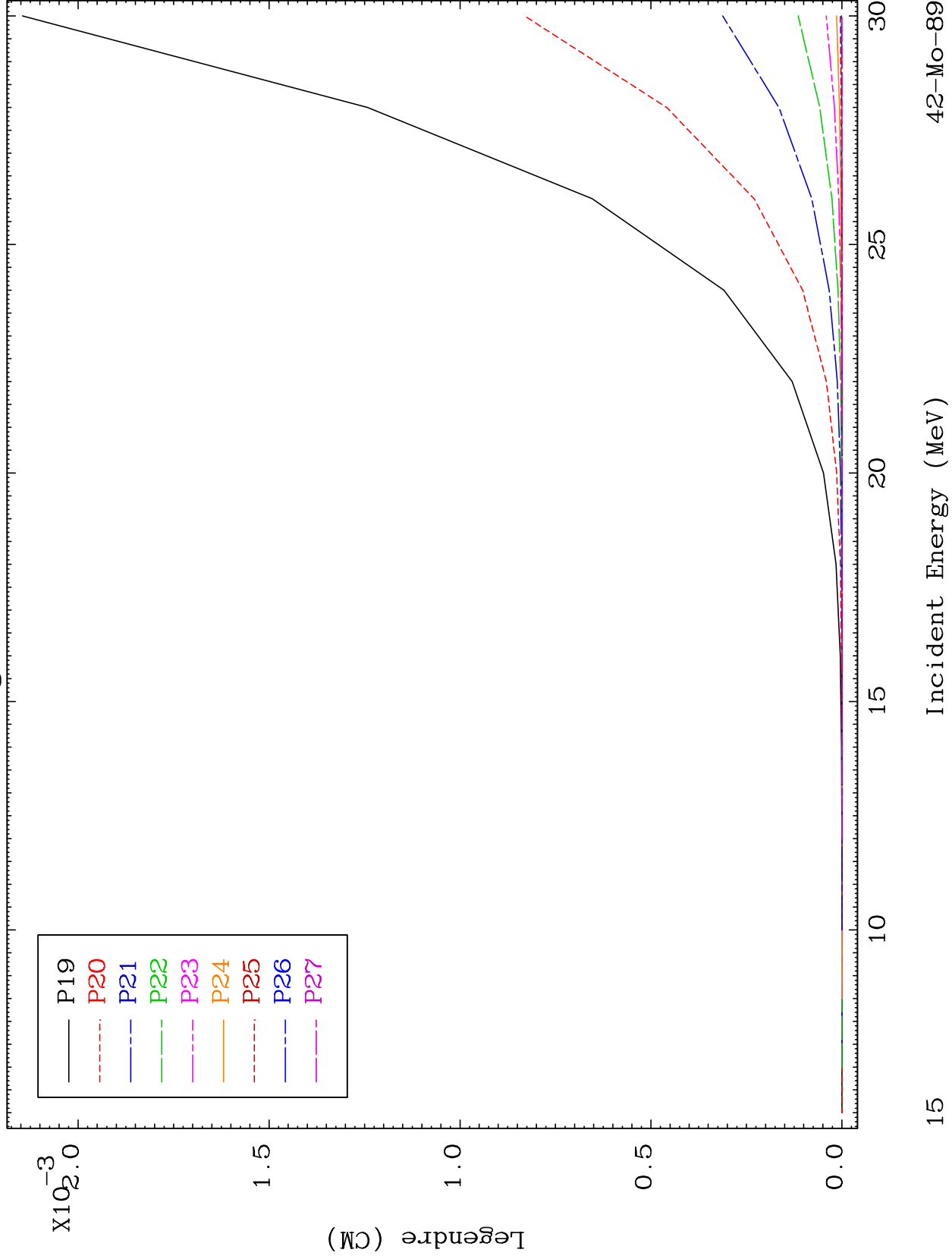
Incident Energy (MeV)

42-Mo-89

MAT 4216

Elastic Legendre Coefficients

42-Mo-89



15

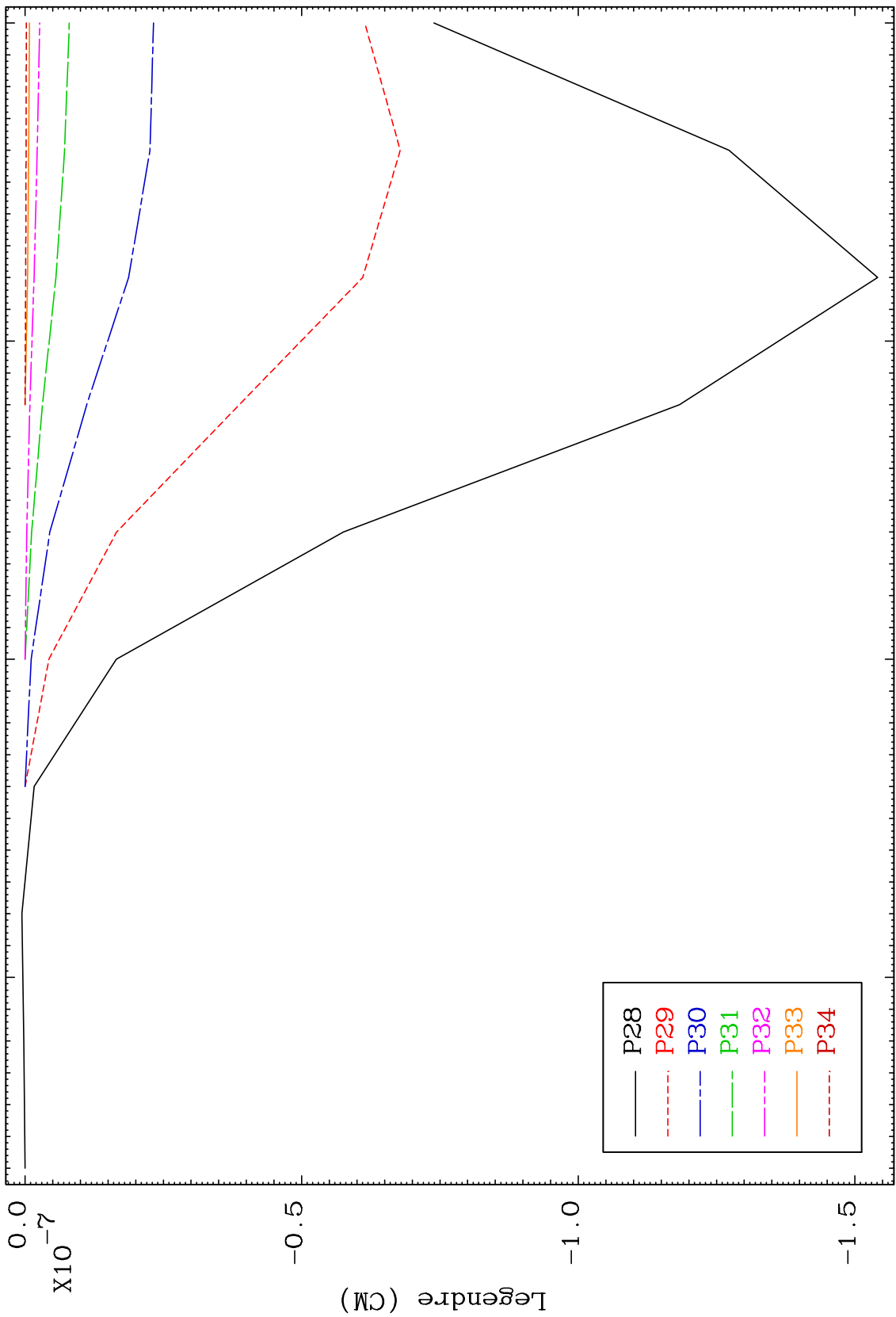
Incident Energy (MeV)

42-Mo-89

MAT 4216

42-Mo-89

Elastic Legendre Coefficients



16

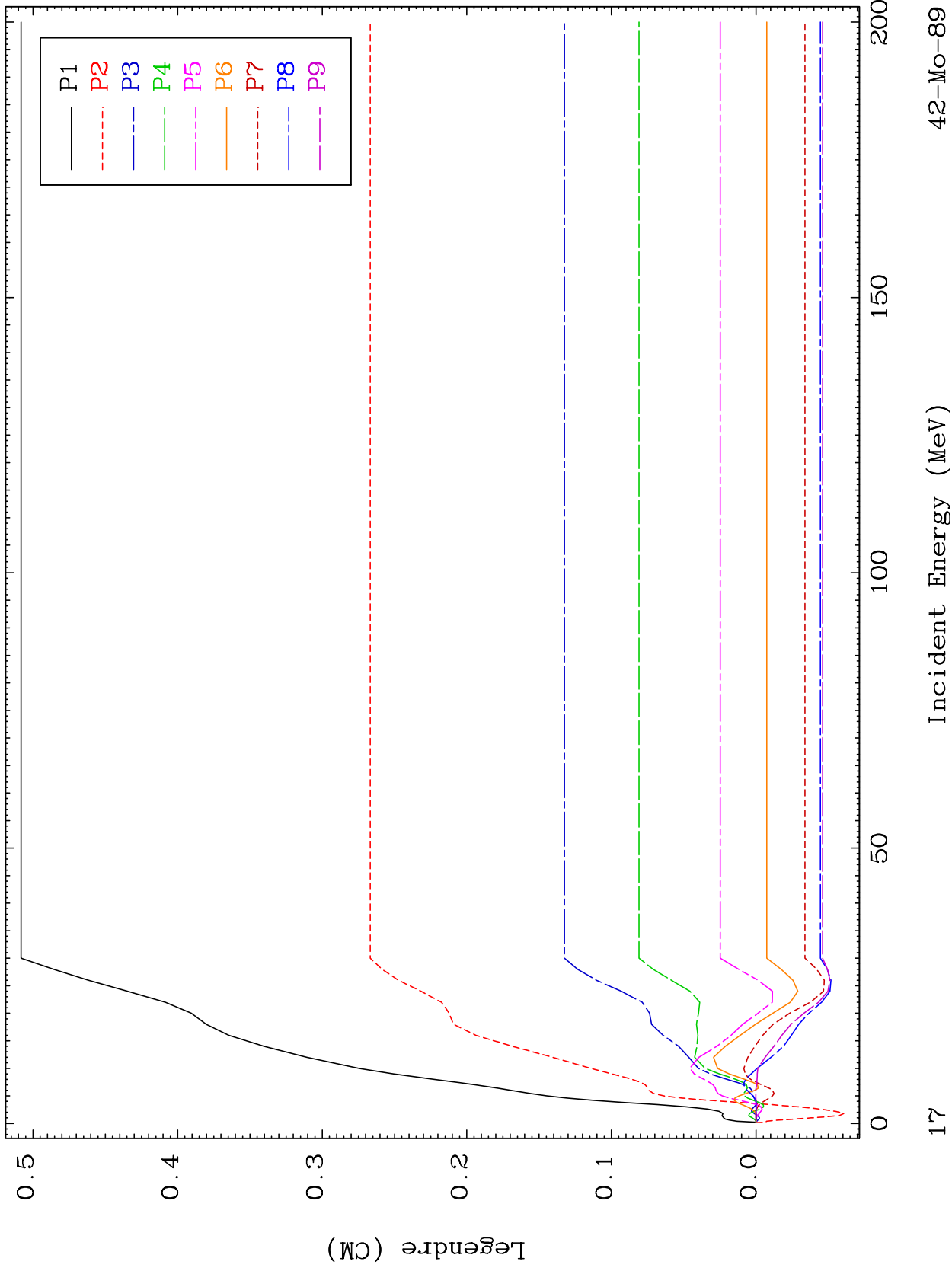
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



42-Mo-89

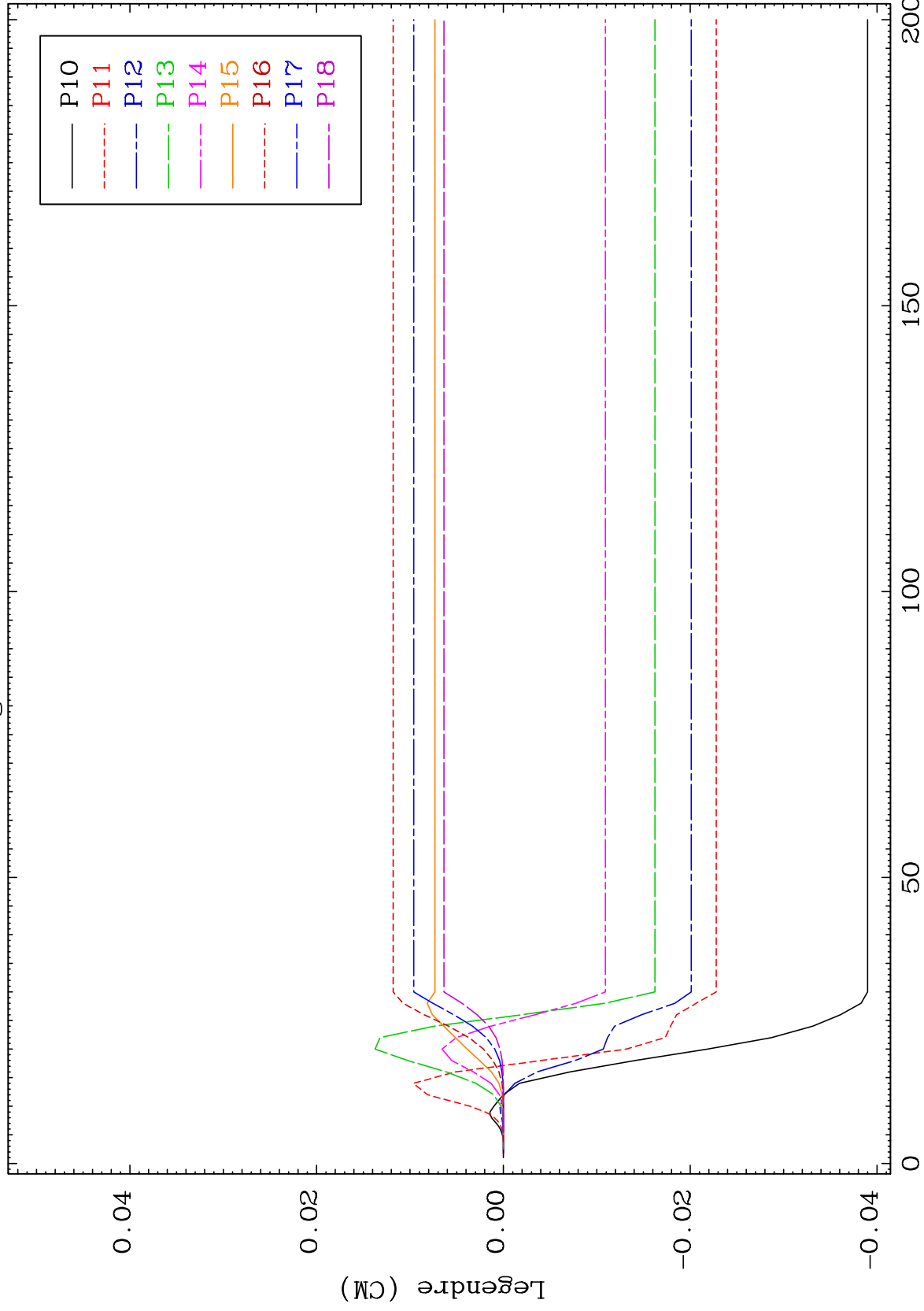
Incident Energy (MeV)

17

MAT 4216

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

42-Mo-89



18

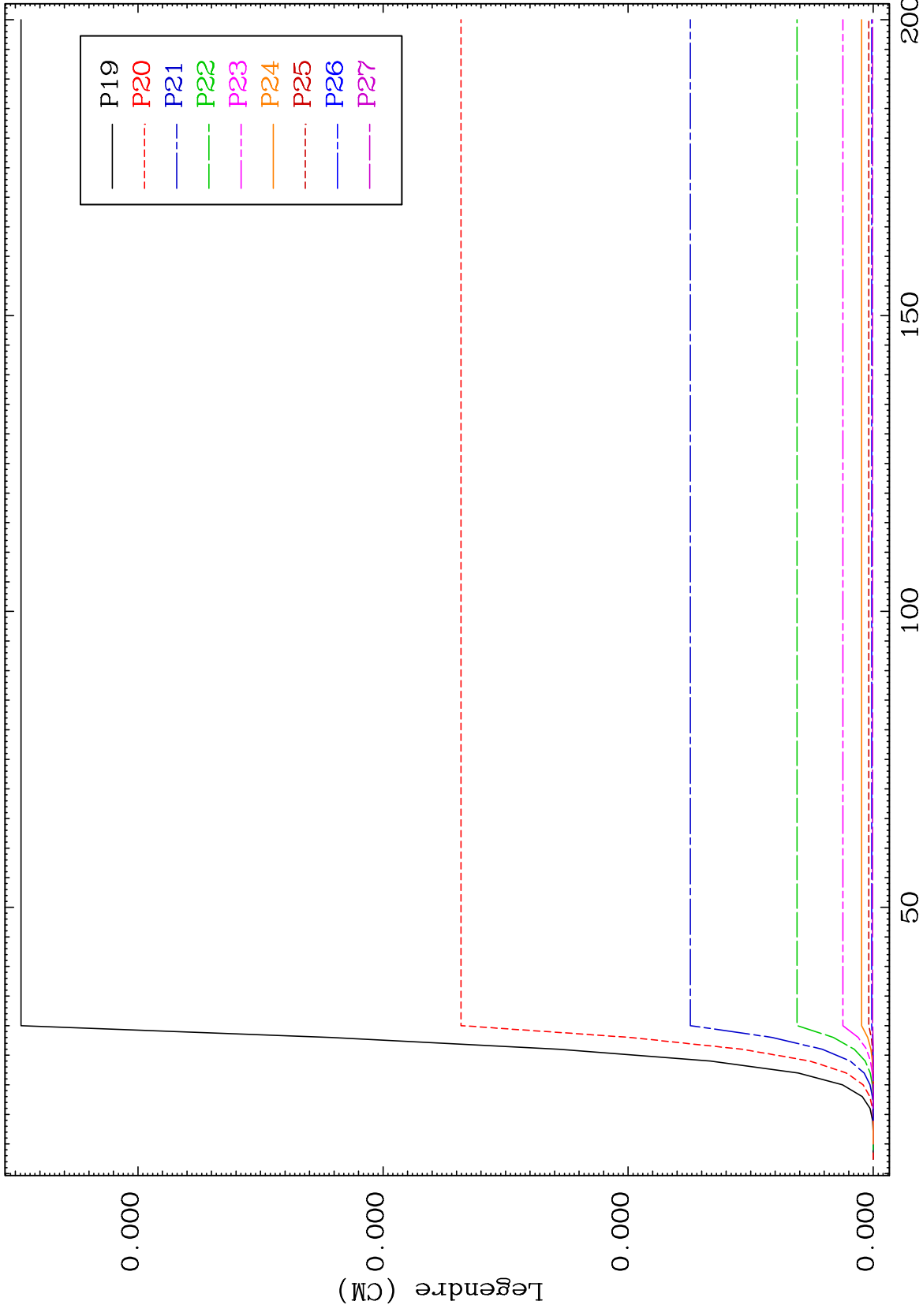
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



19

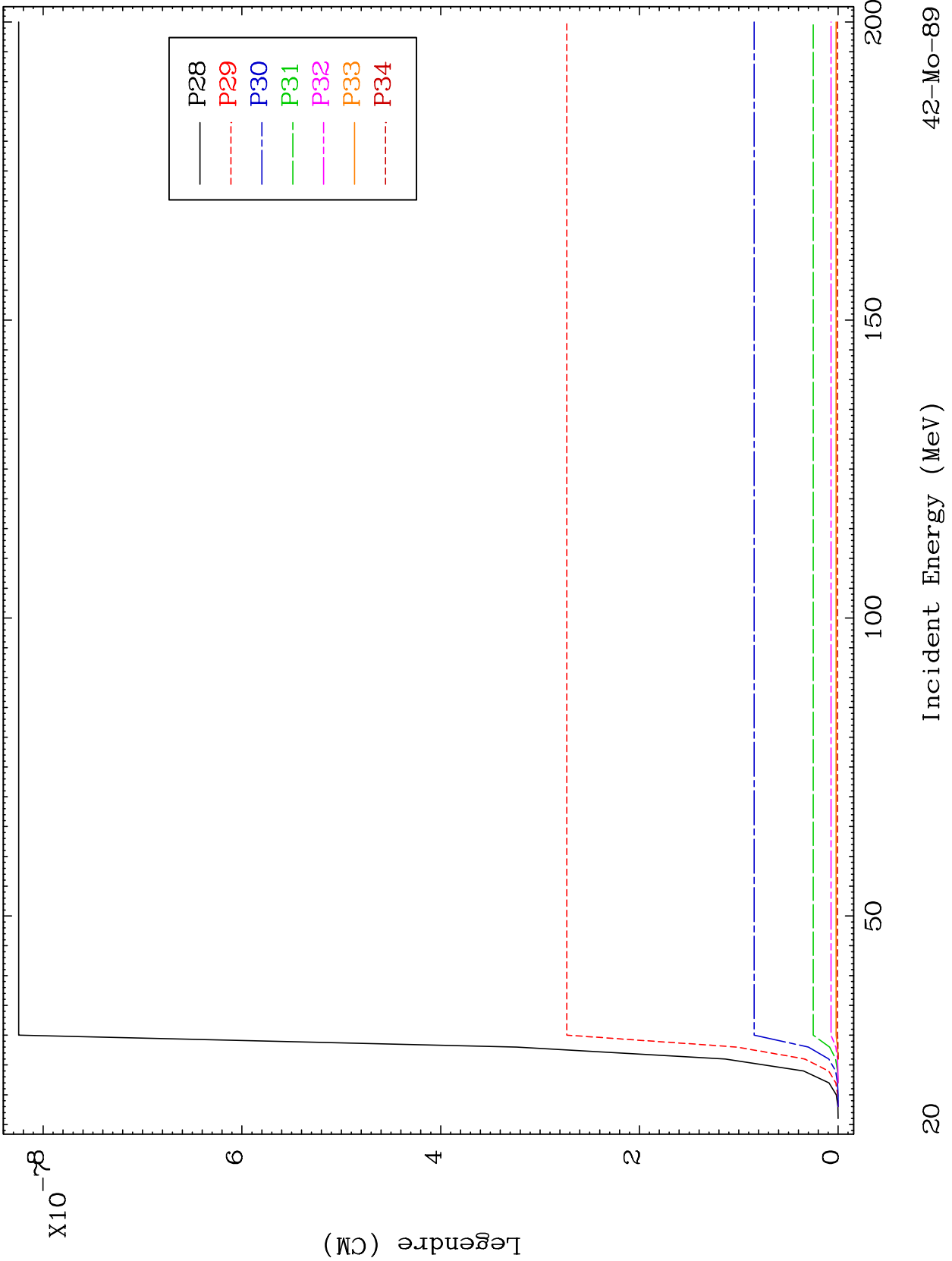
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89

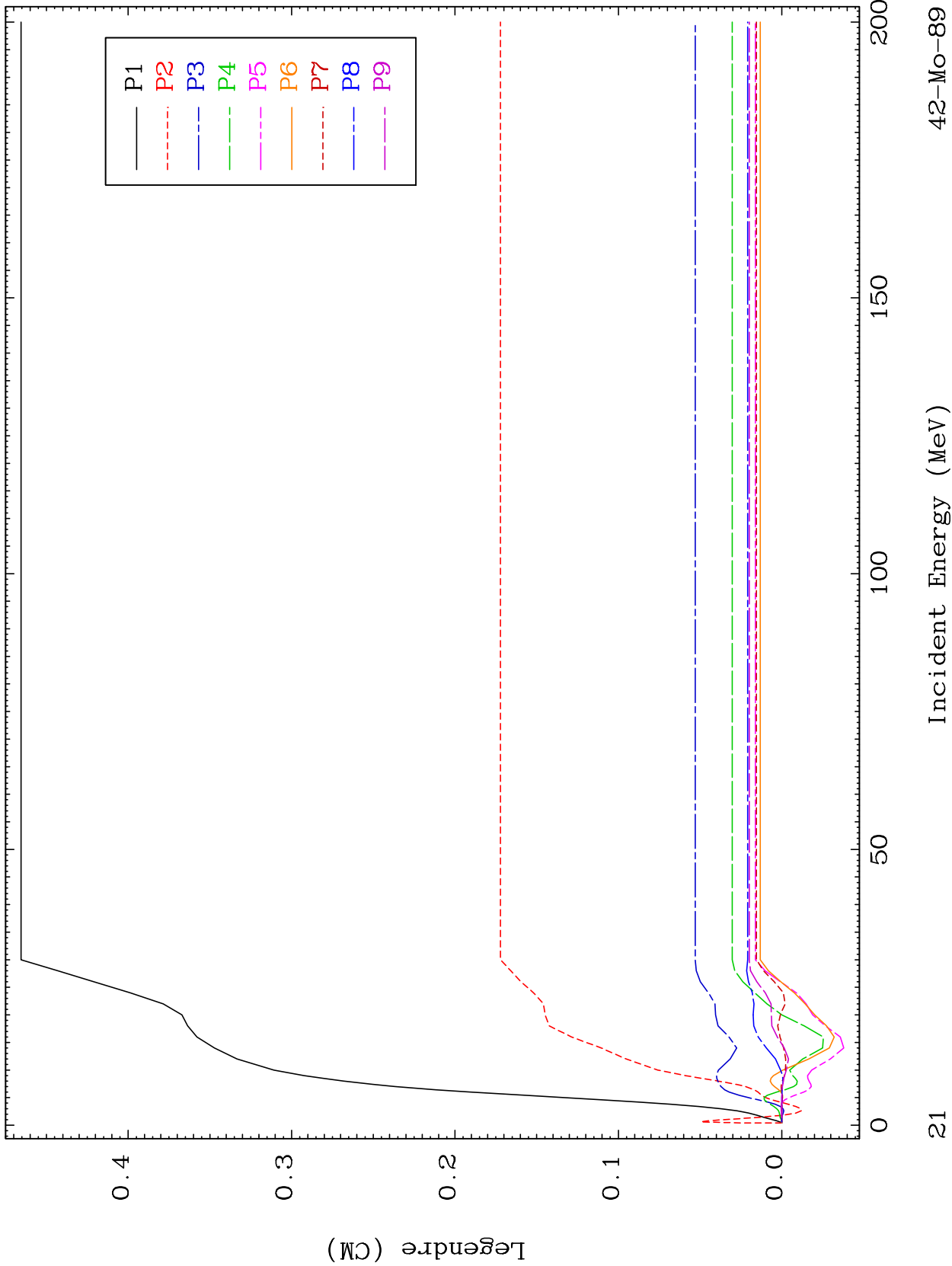


42-Mo-89

MAT 4216

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

42-Mo-89



21

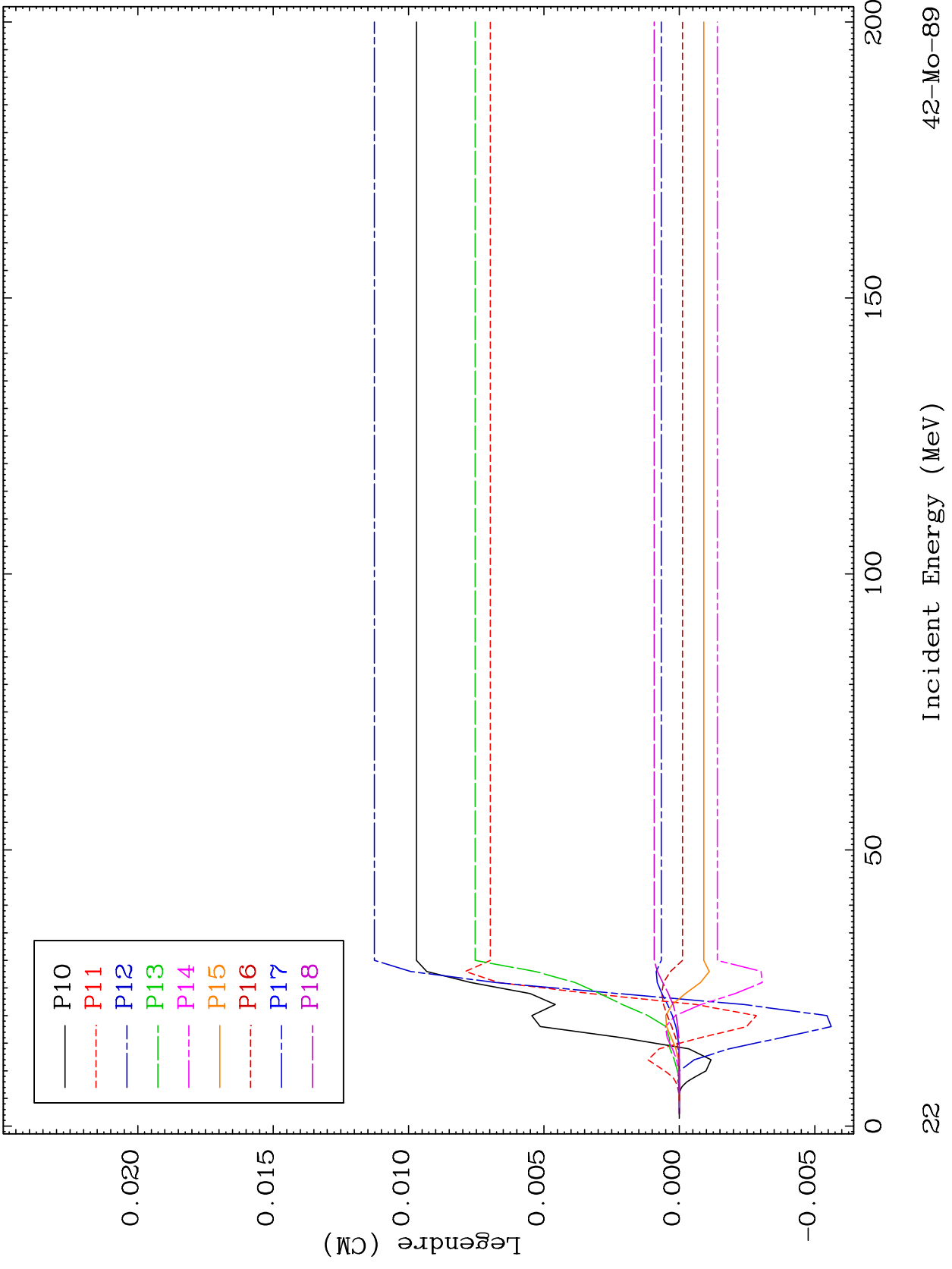
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

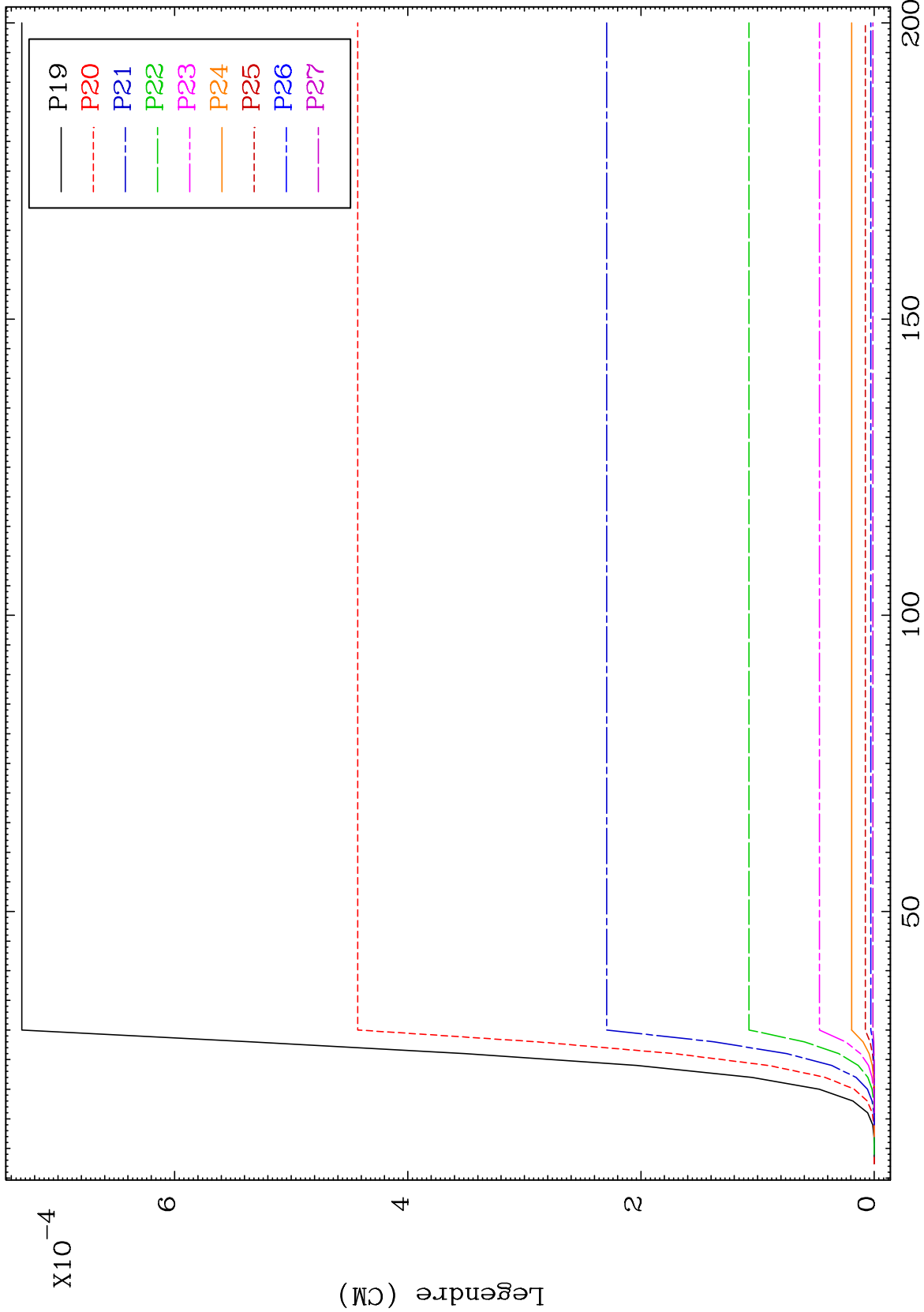
42-Mo-89



MAT 4216

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

42-Mo-89



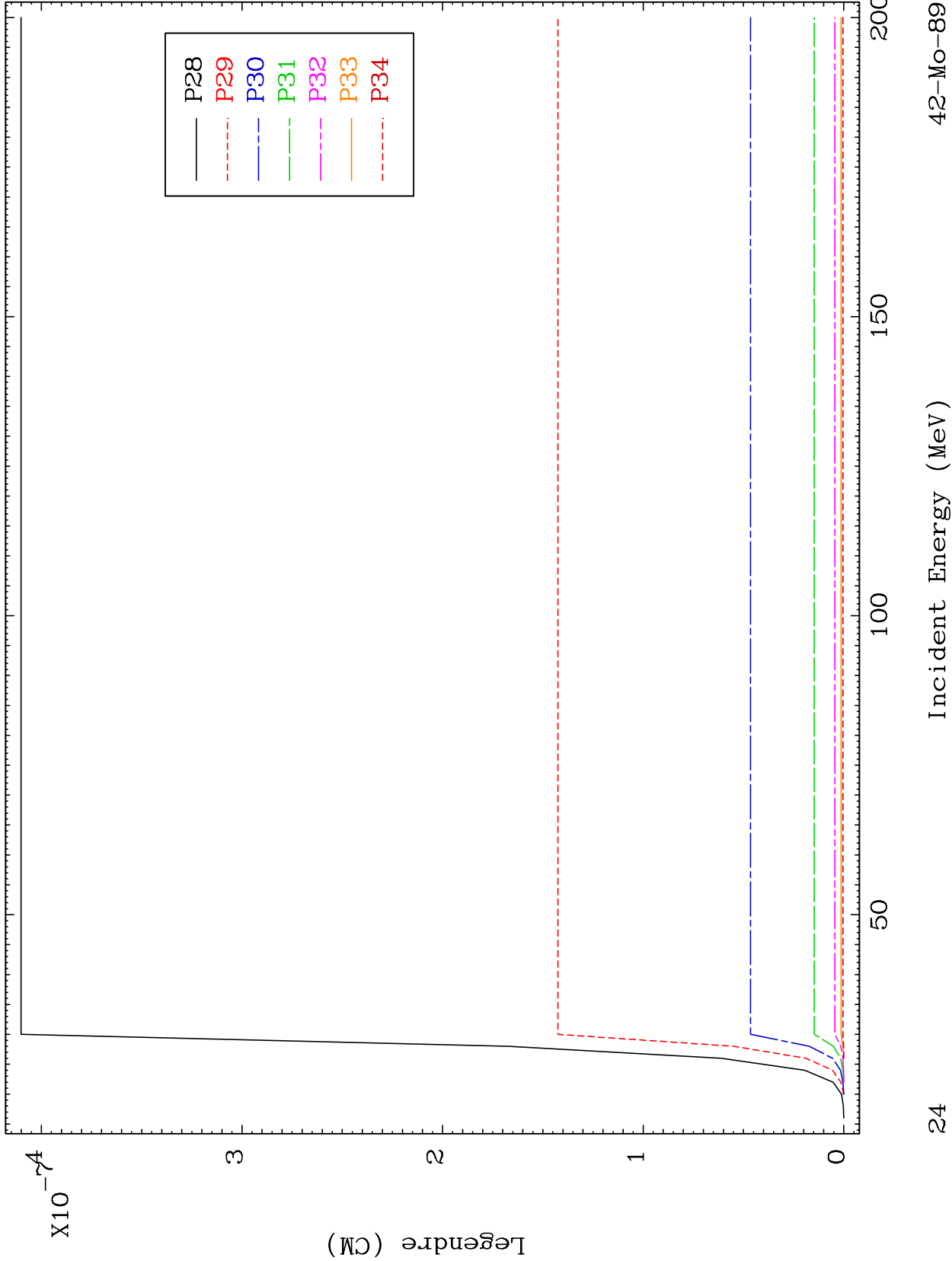
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42-Mo-89

MAT 4216

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

42-Mo-89

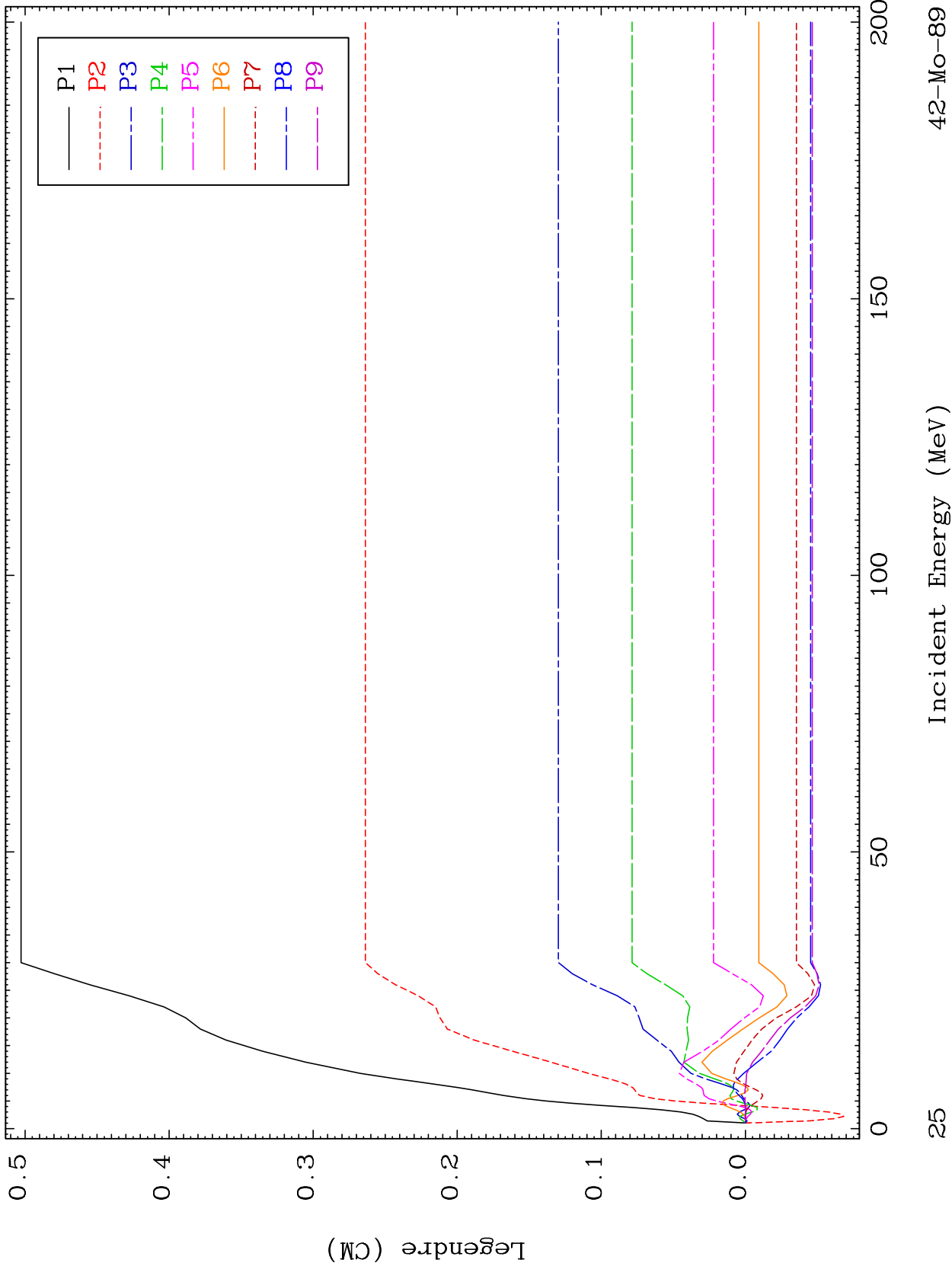


24

MAT 4216

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

42-Mo-89



42-Mo-89

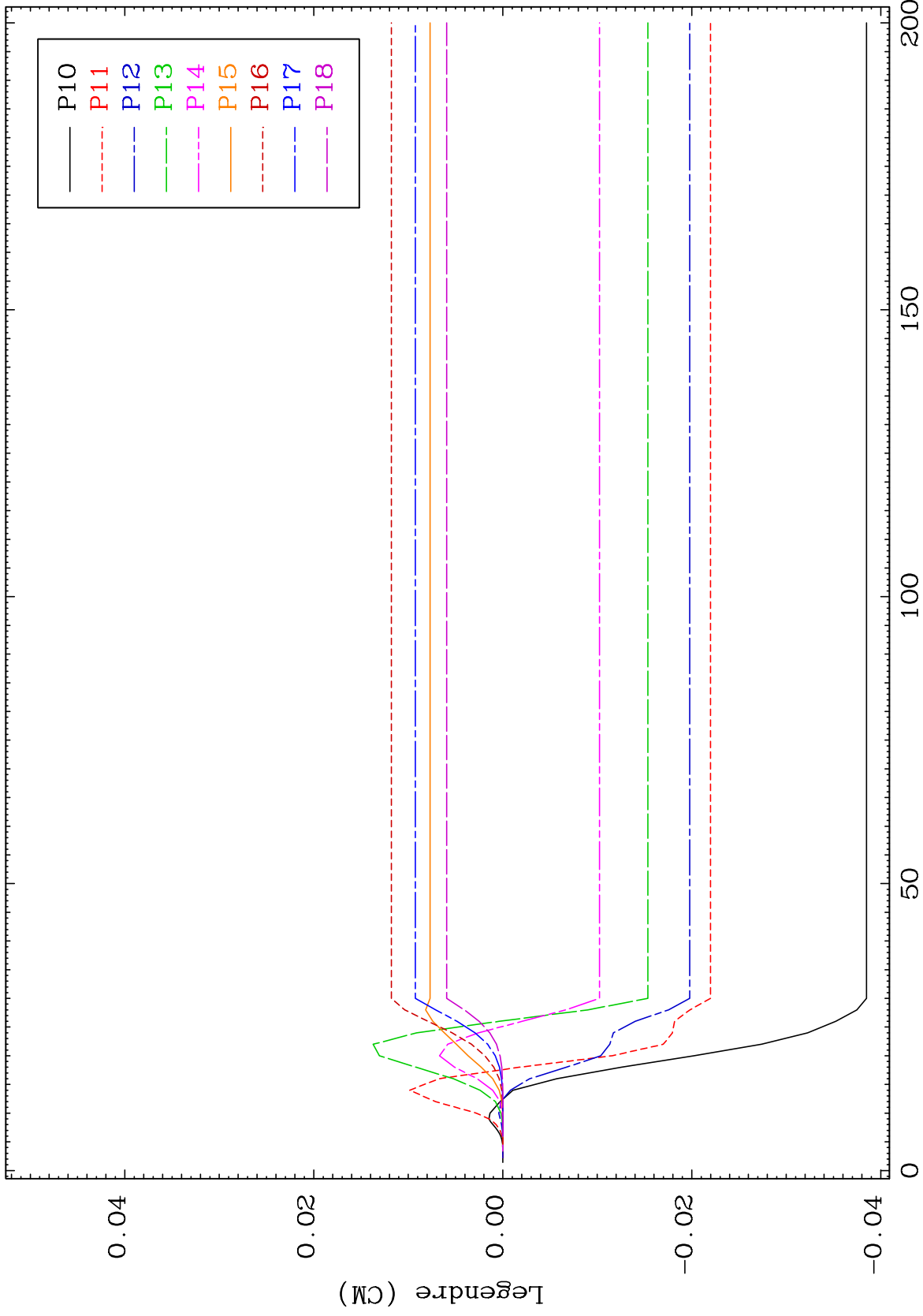
Incident Energy (MeV)

25

MAT 4216

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

42-Mo-89



26

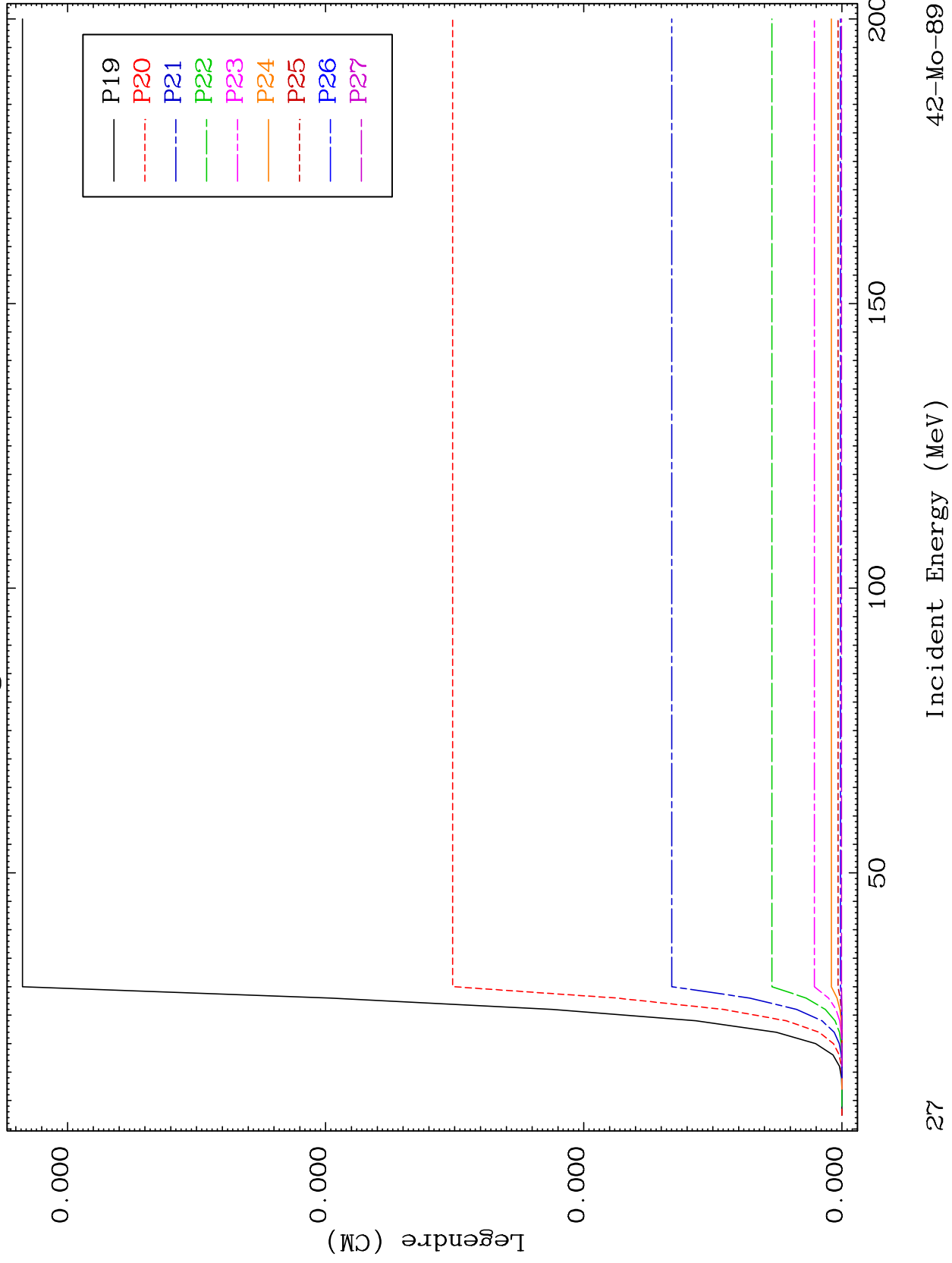
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



27

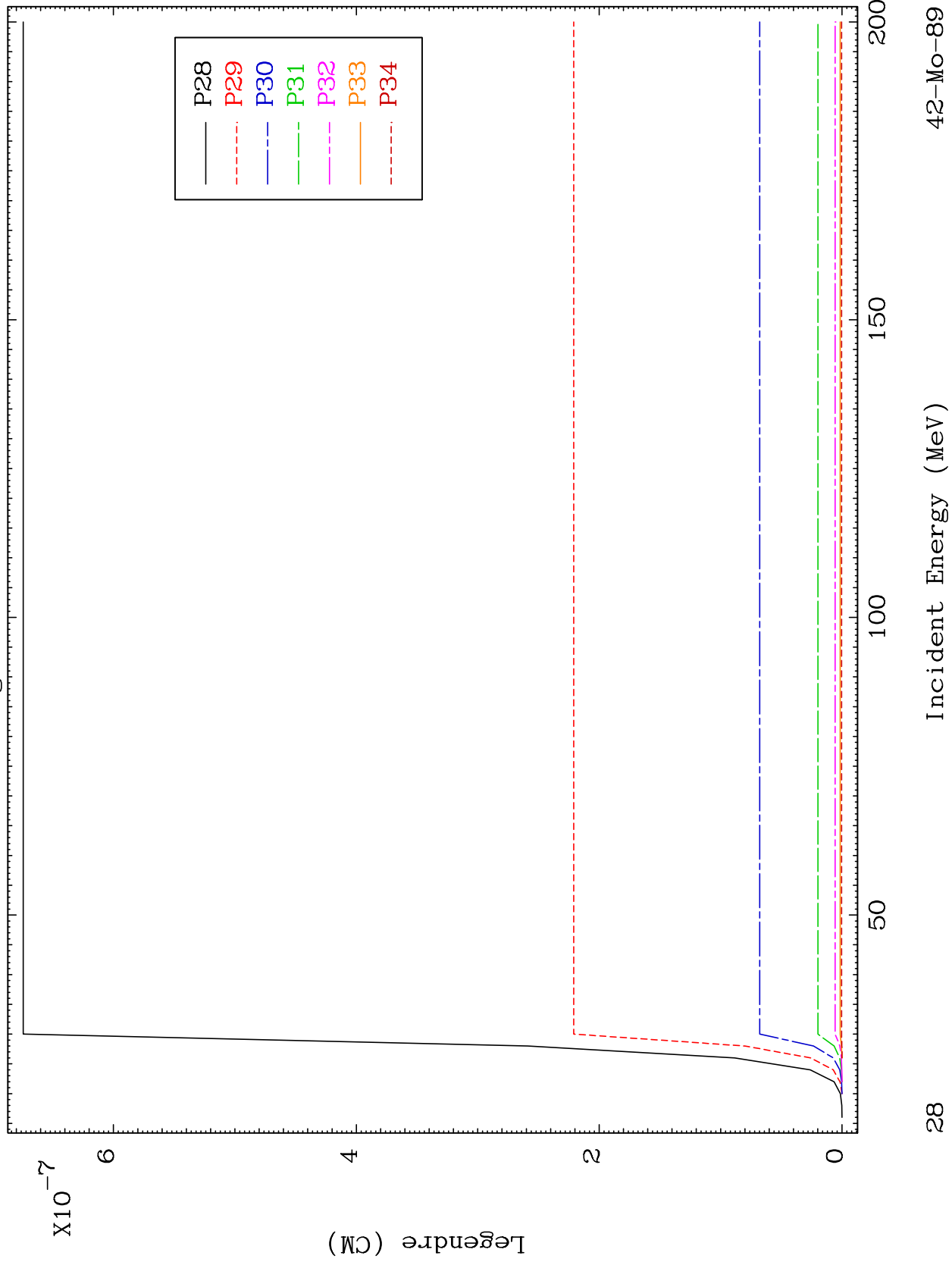
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89

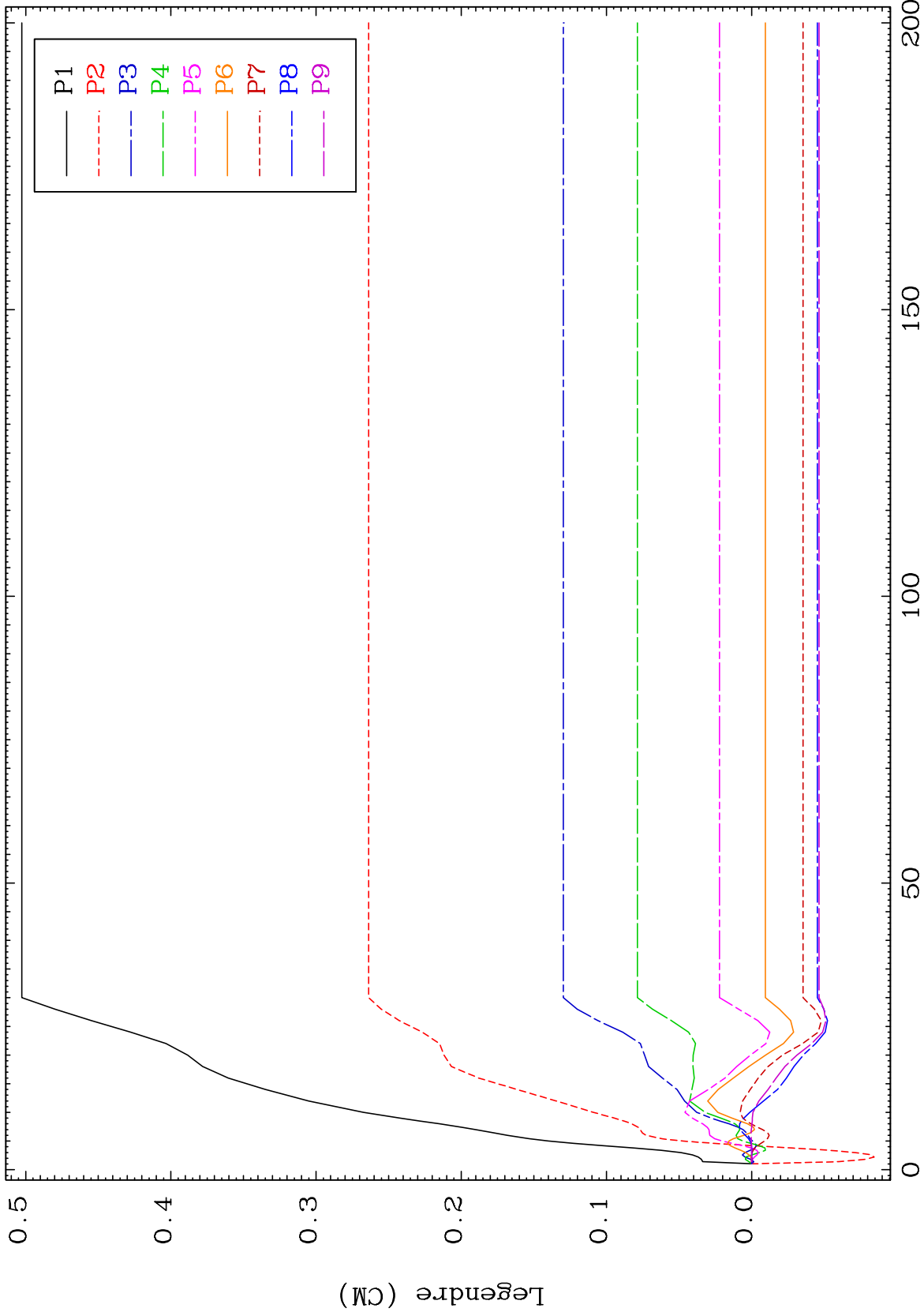


MAT 4216

MT= 54 (n,n') Level

42-Mo-89

Legendre Coefficients



29

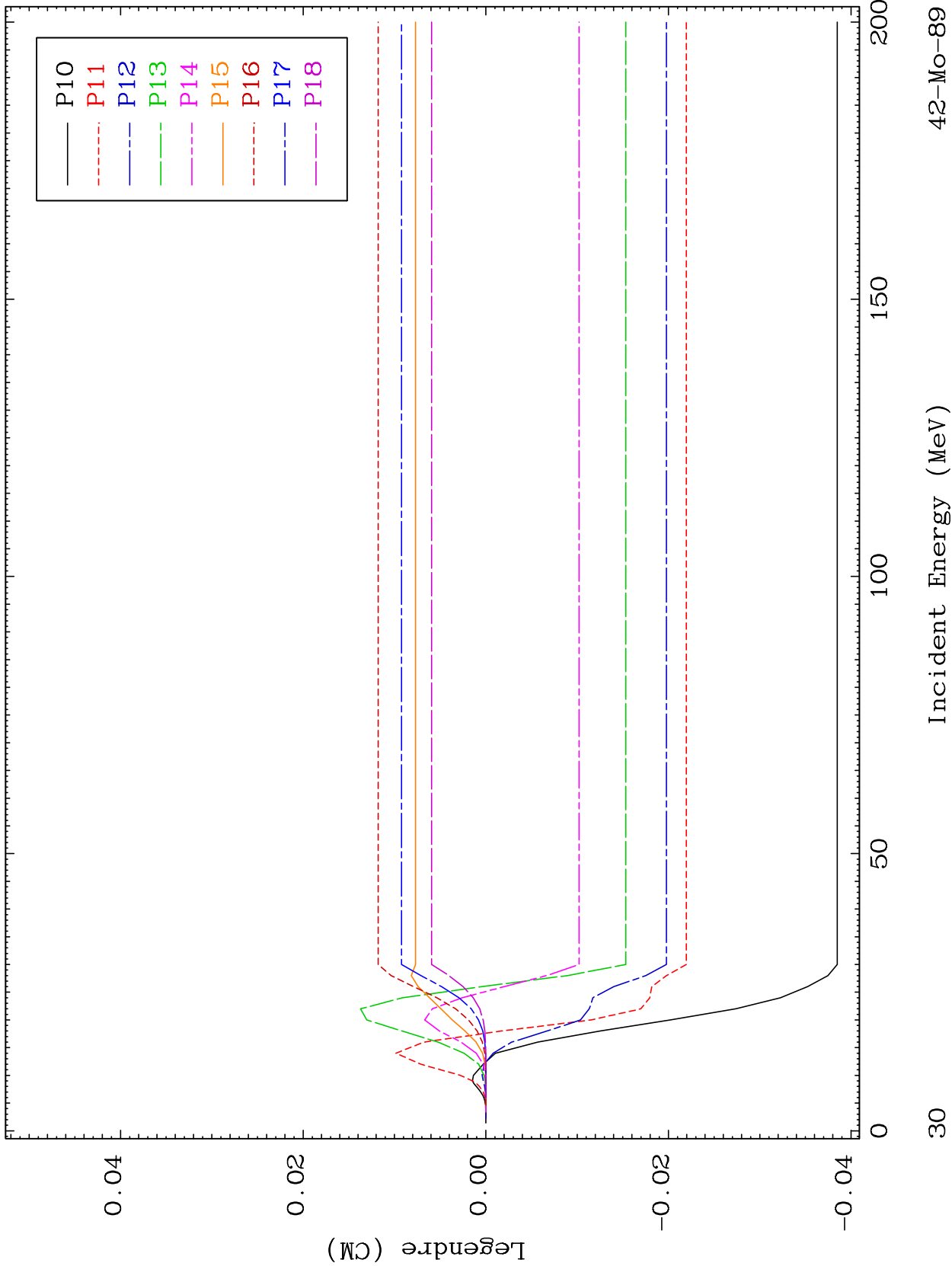
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89

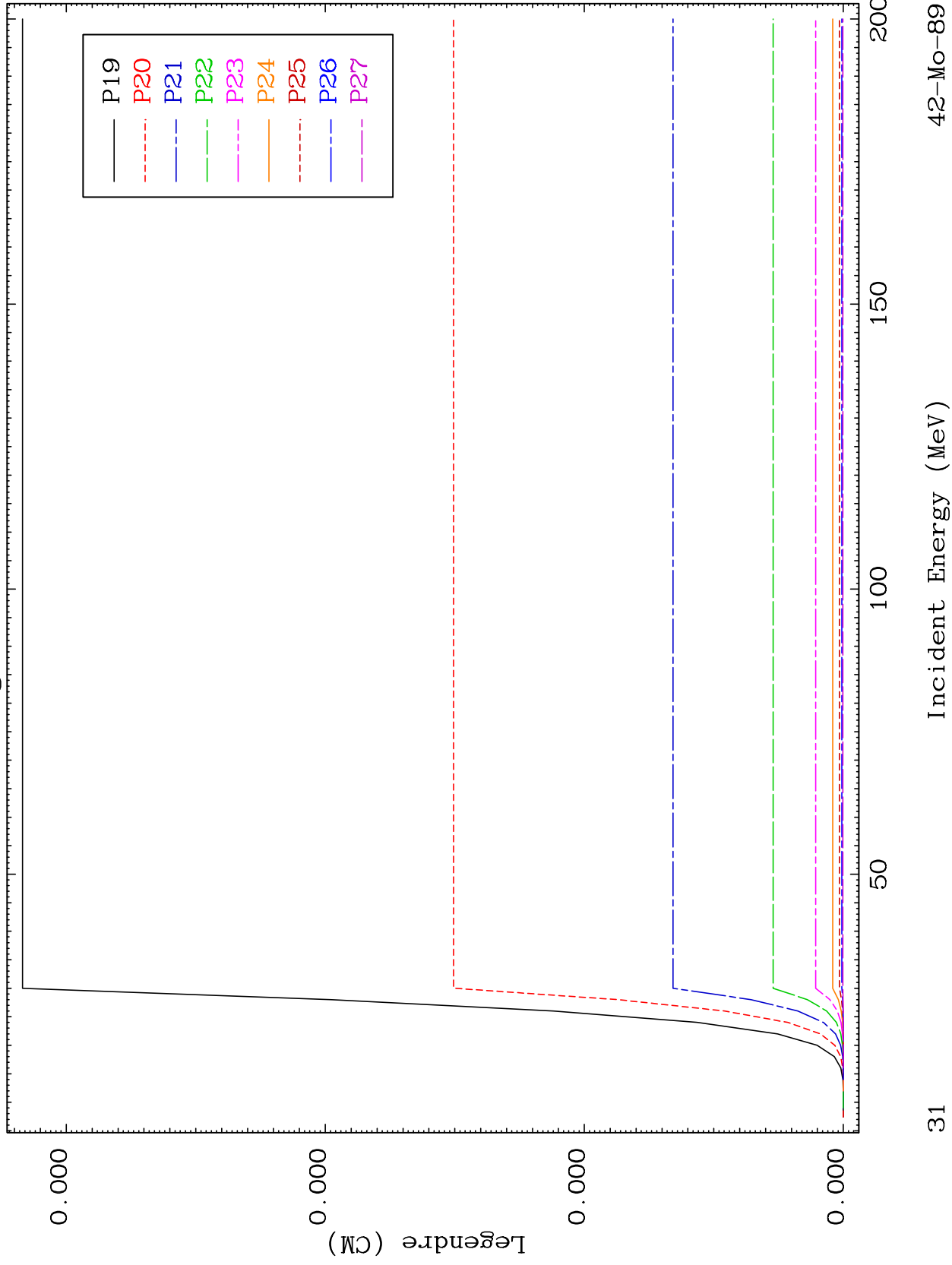


42-Mo-89

MAT 4216

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

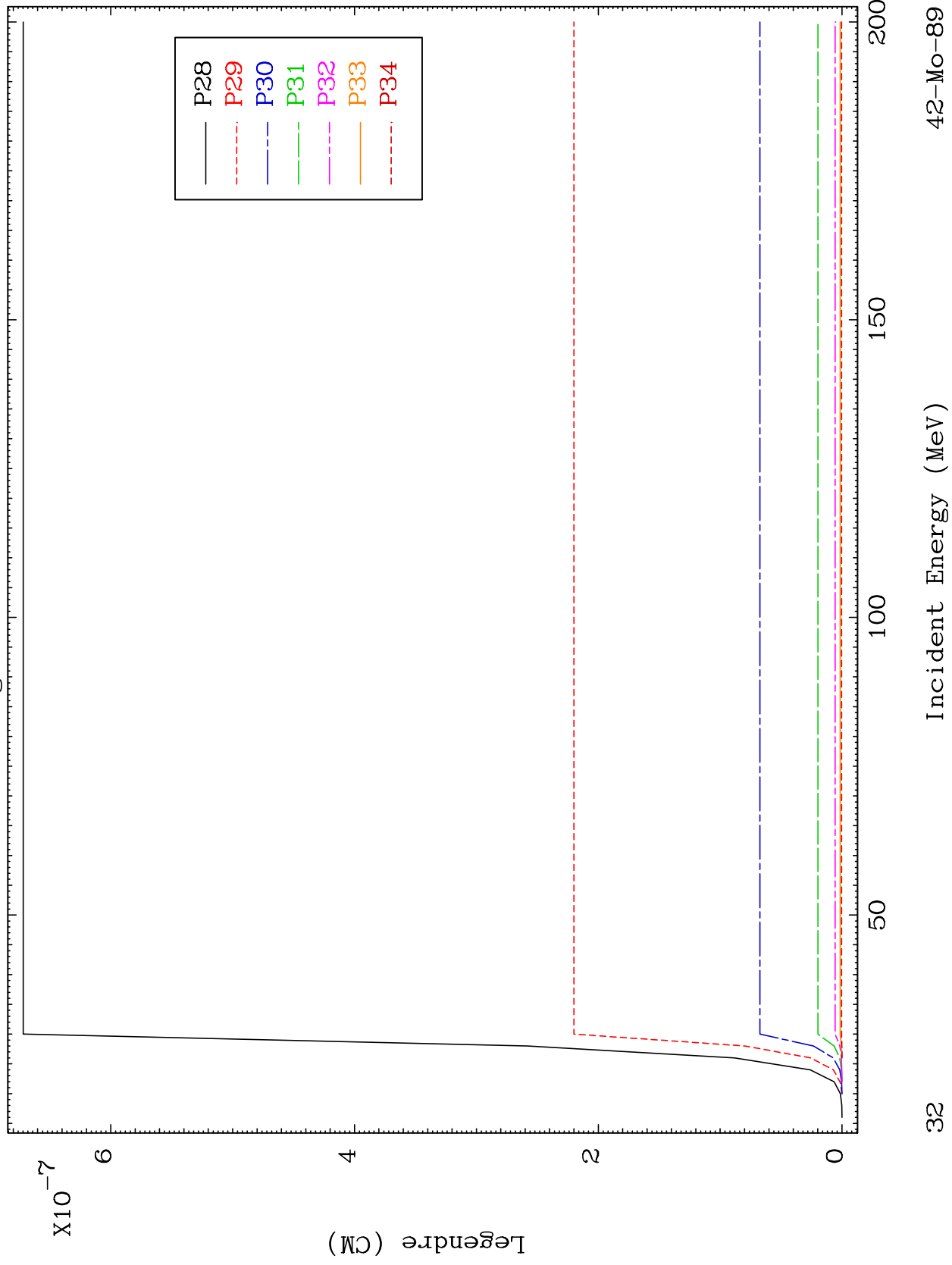
42-Mo-89



MAT 4216

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

42-Mo-89



32

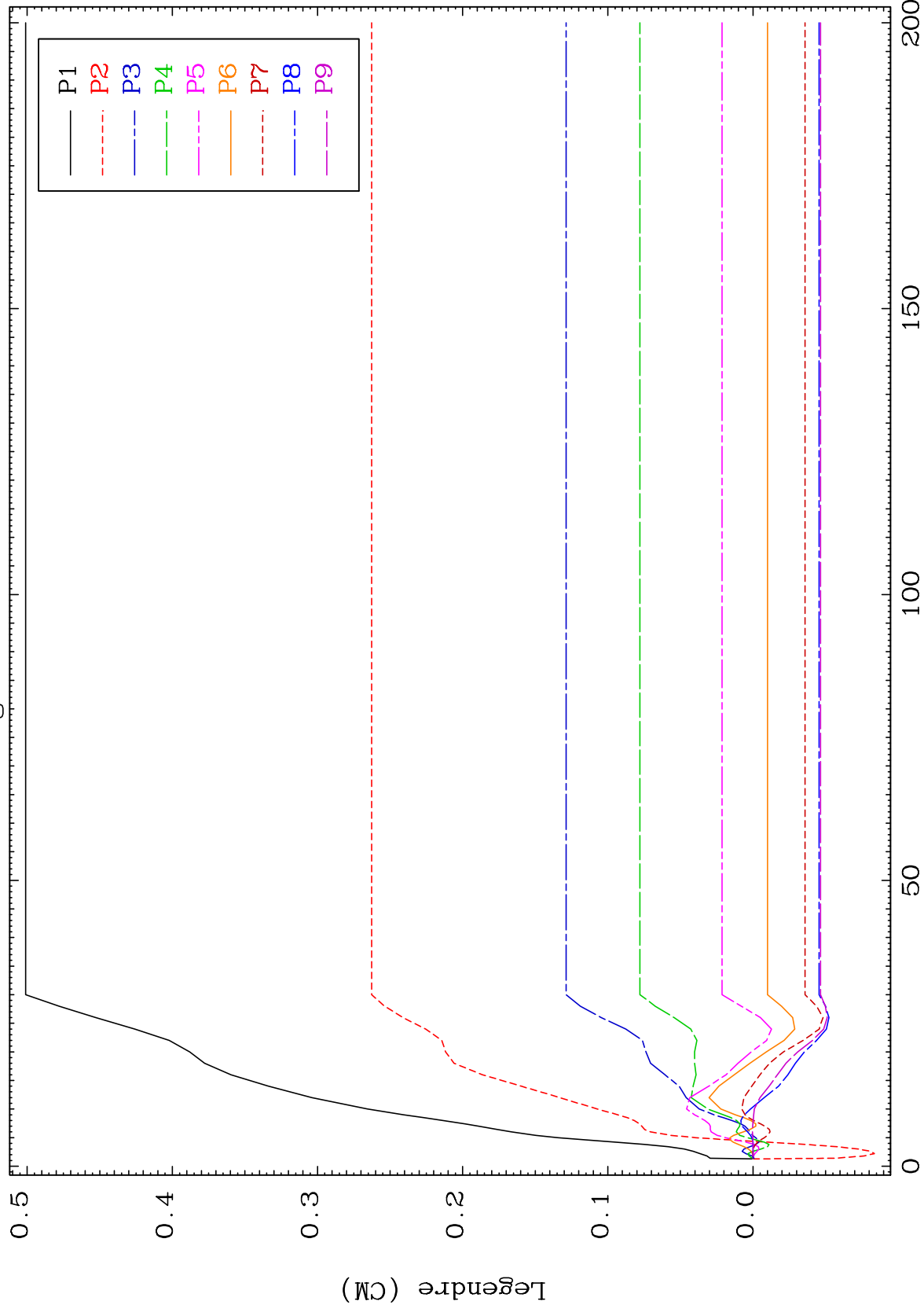
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



42-Mo-89

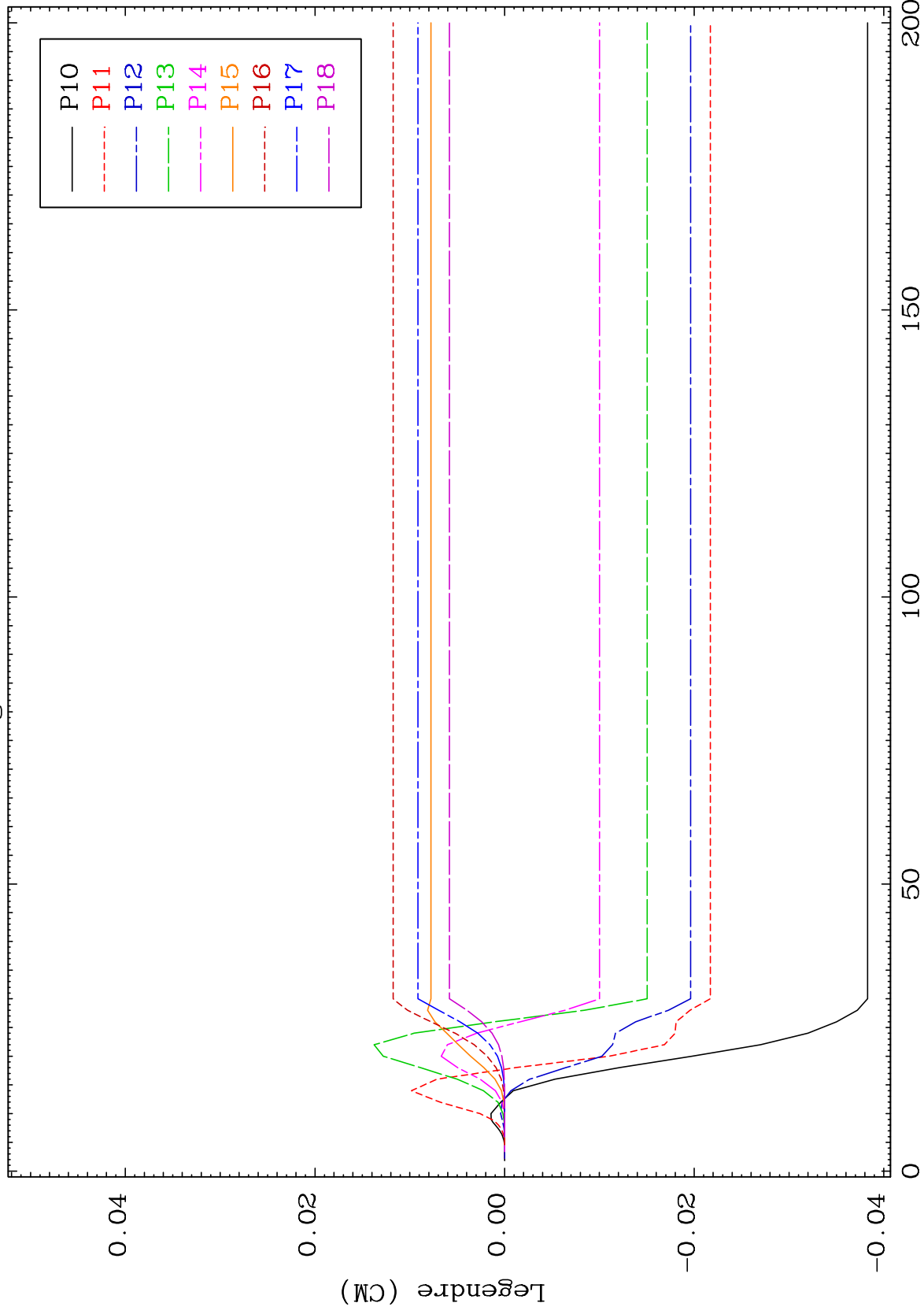
Incident Energy (MeV)

33

MAT 4216

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

42-Mo-89



34

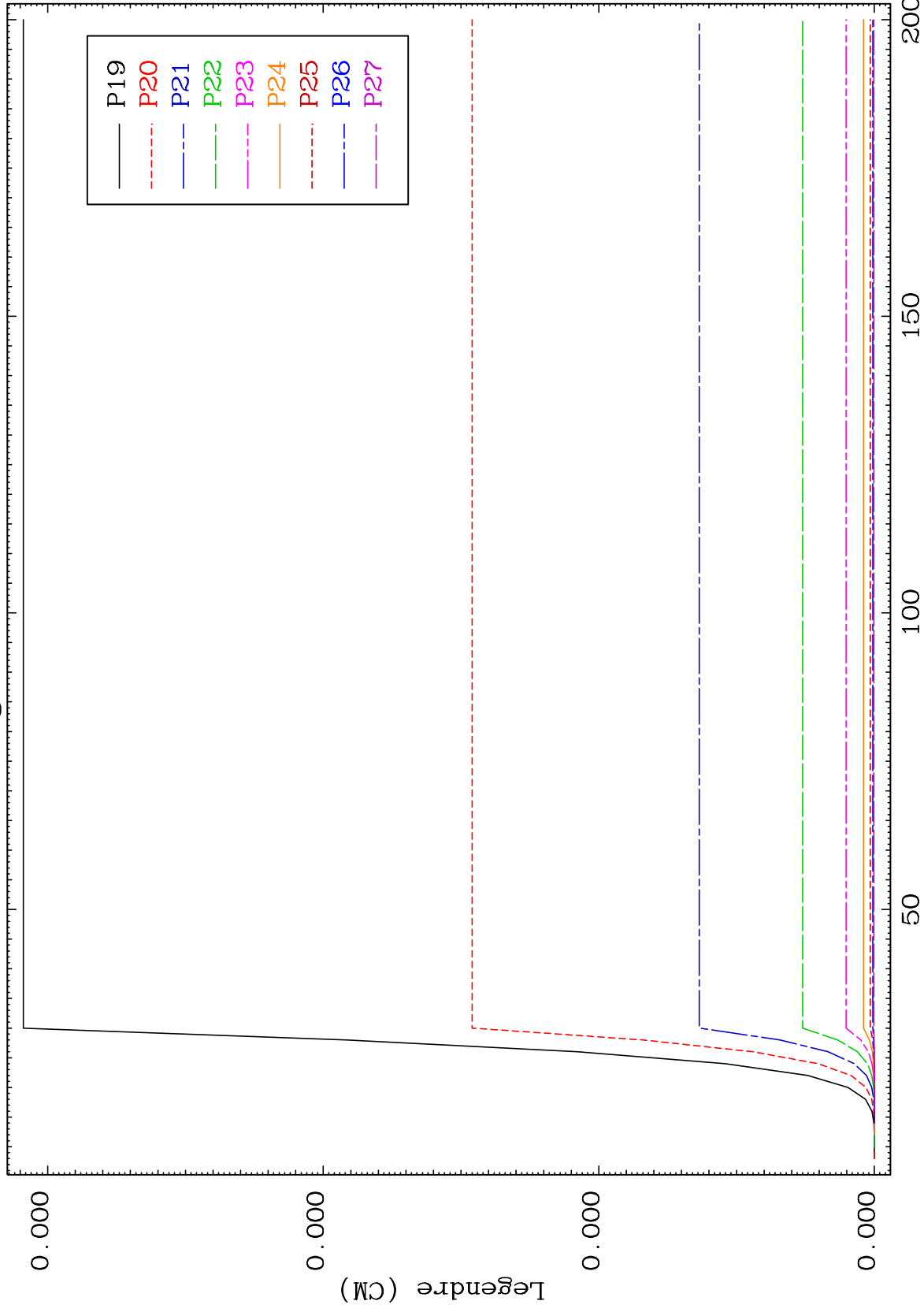
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



35

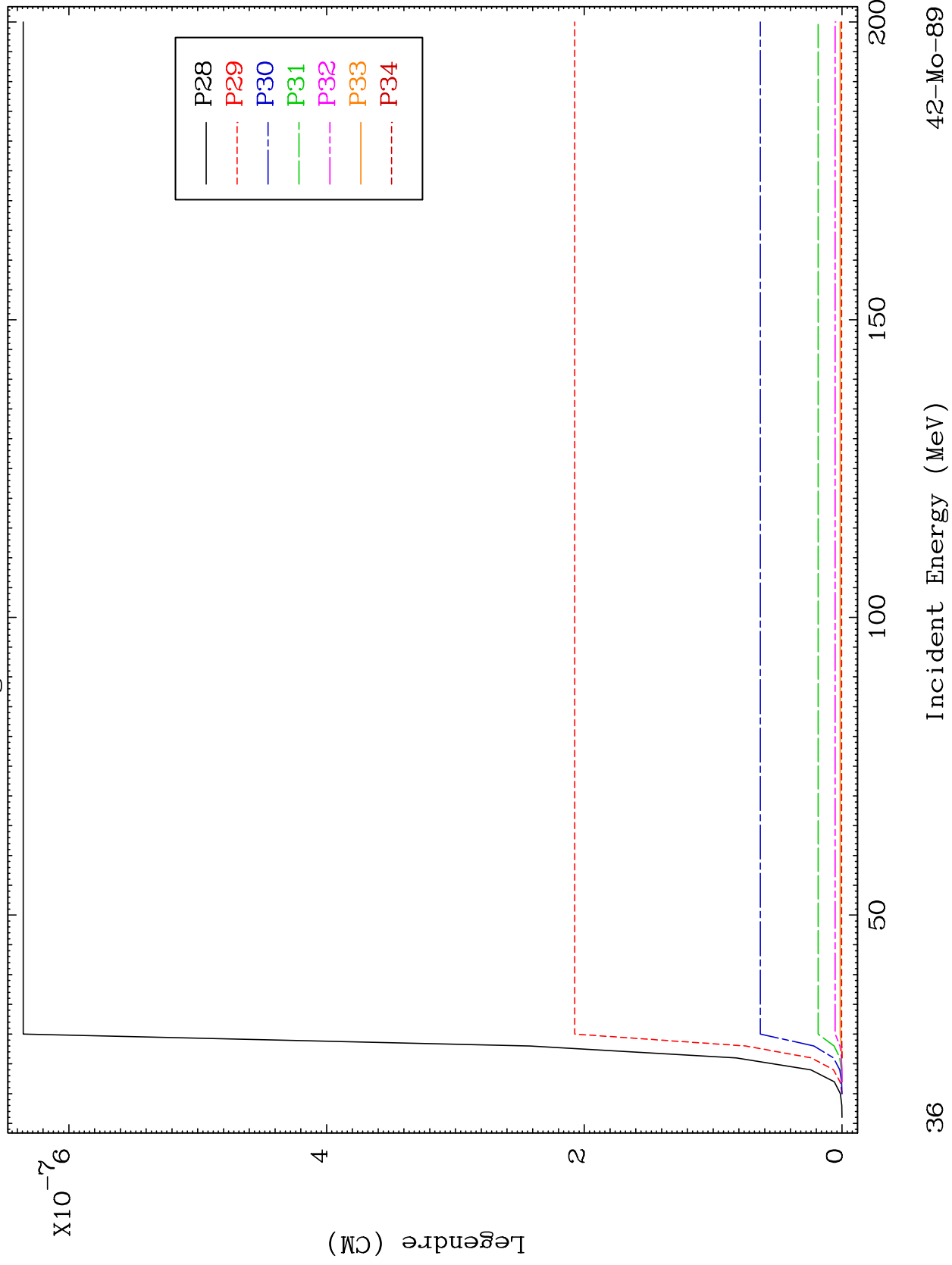
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

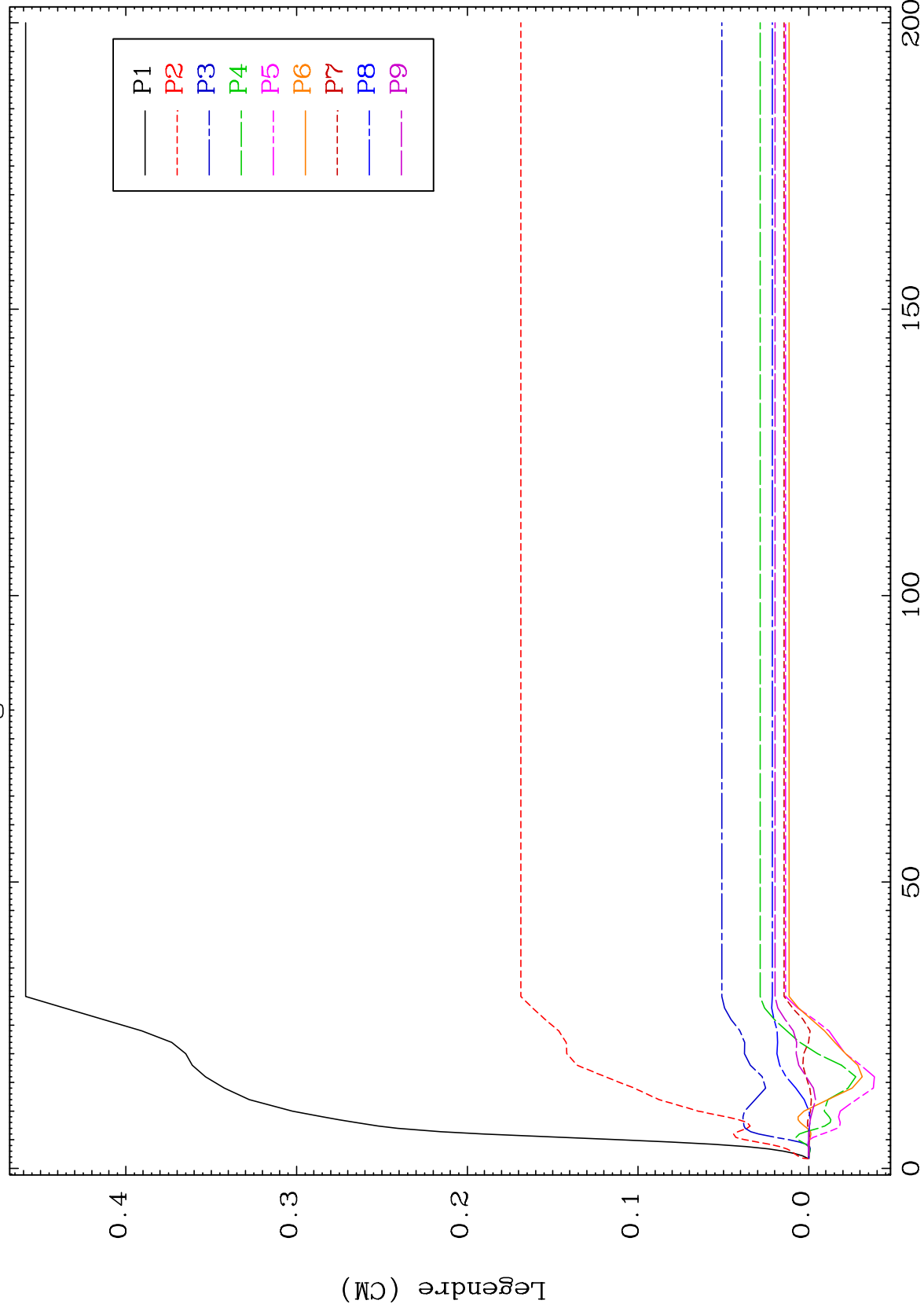
42-Mo-89



MAT 4216

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

42-Mo-89



37

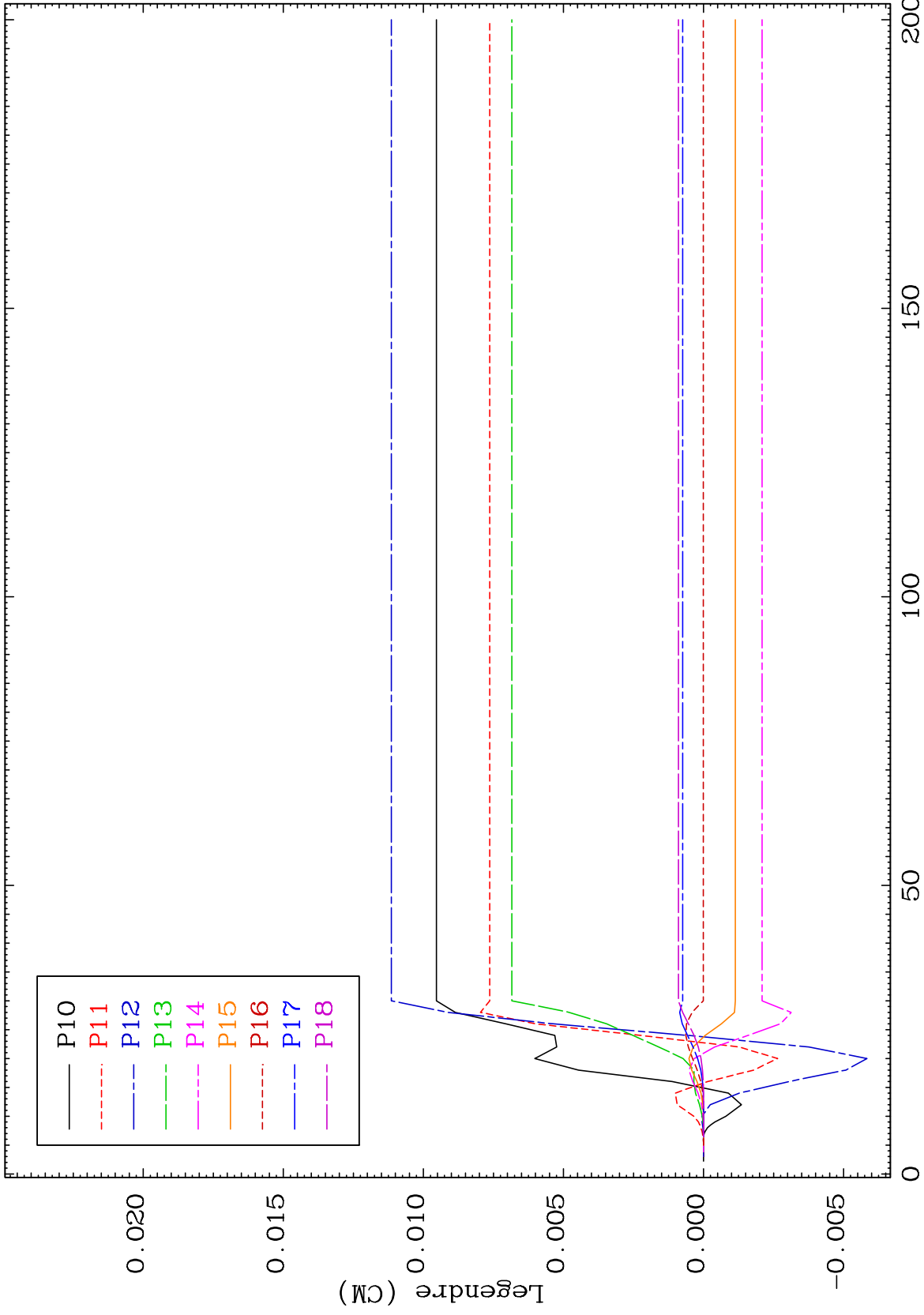
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



38

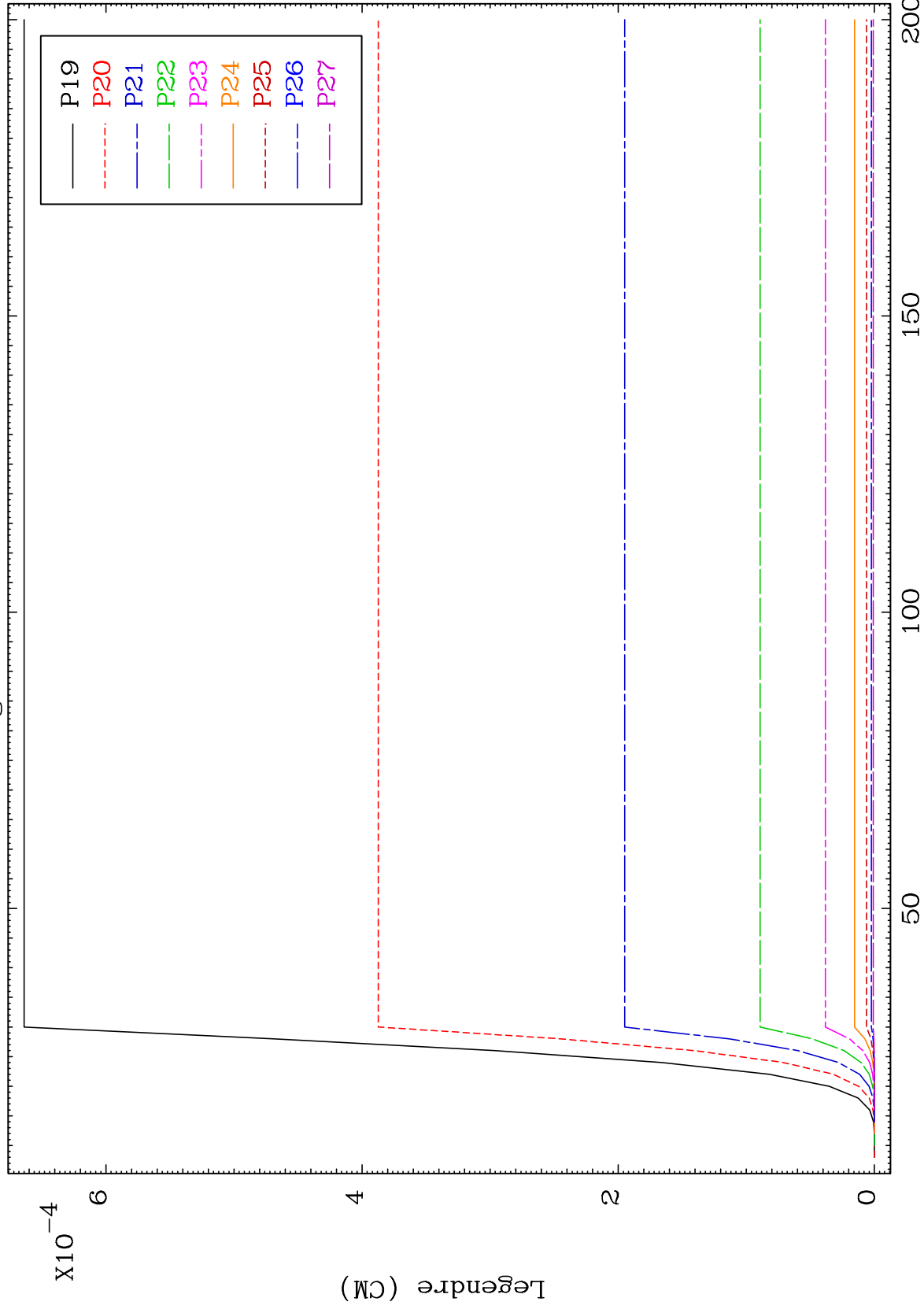
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



39

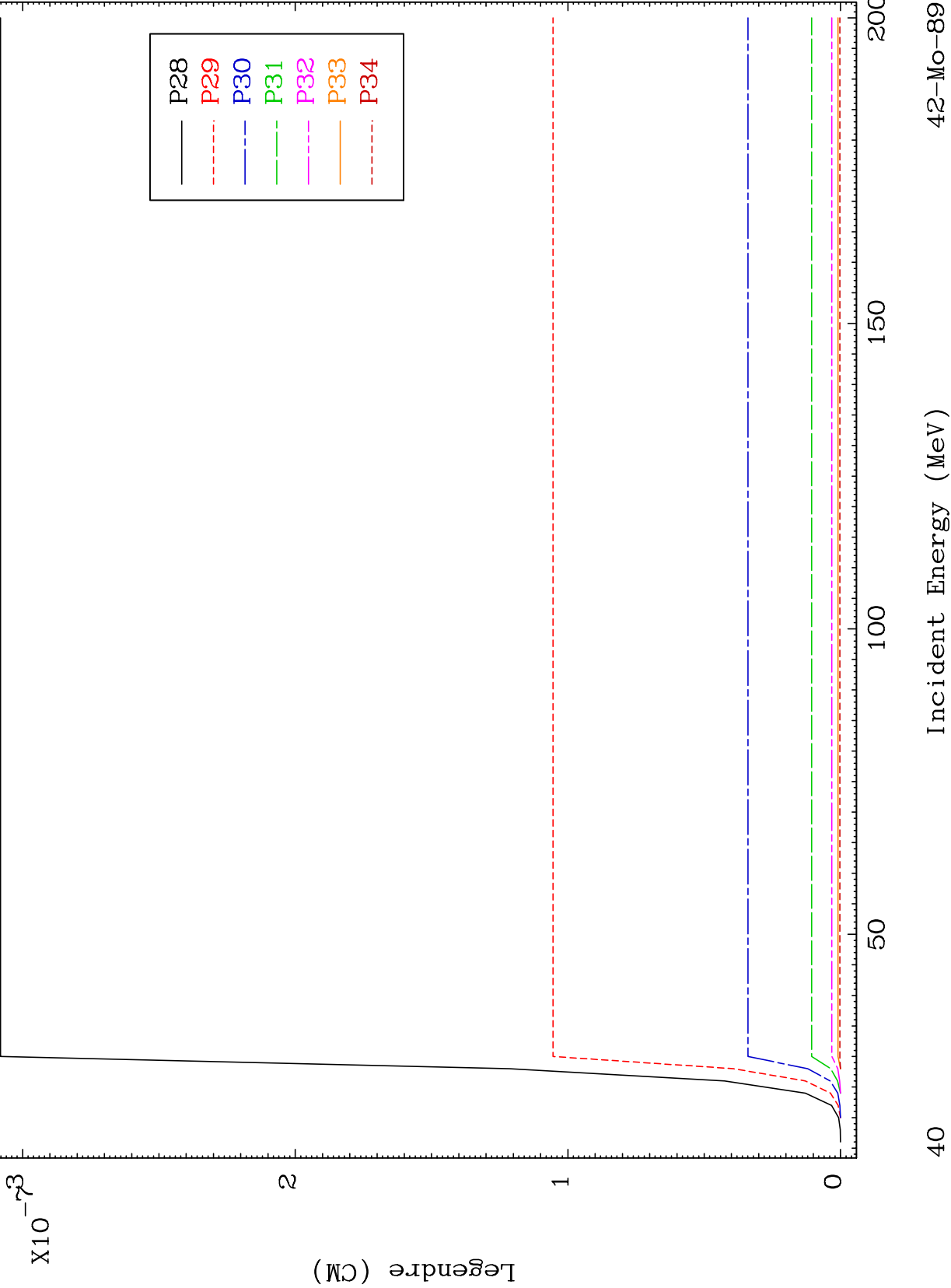
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

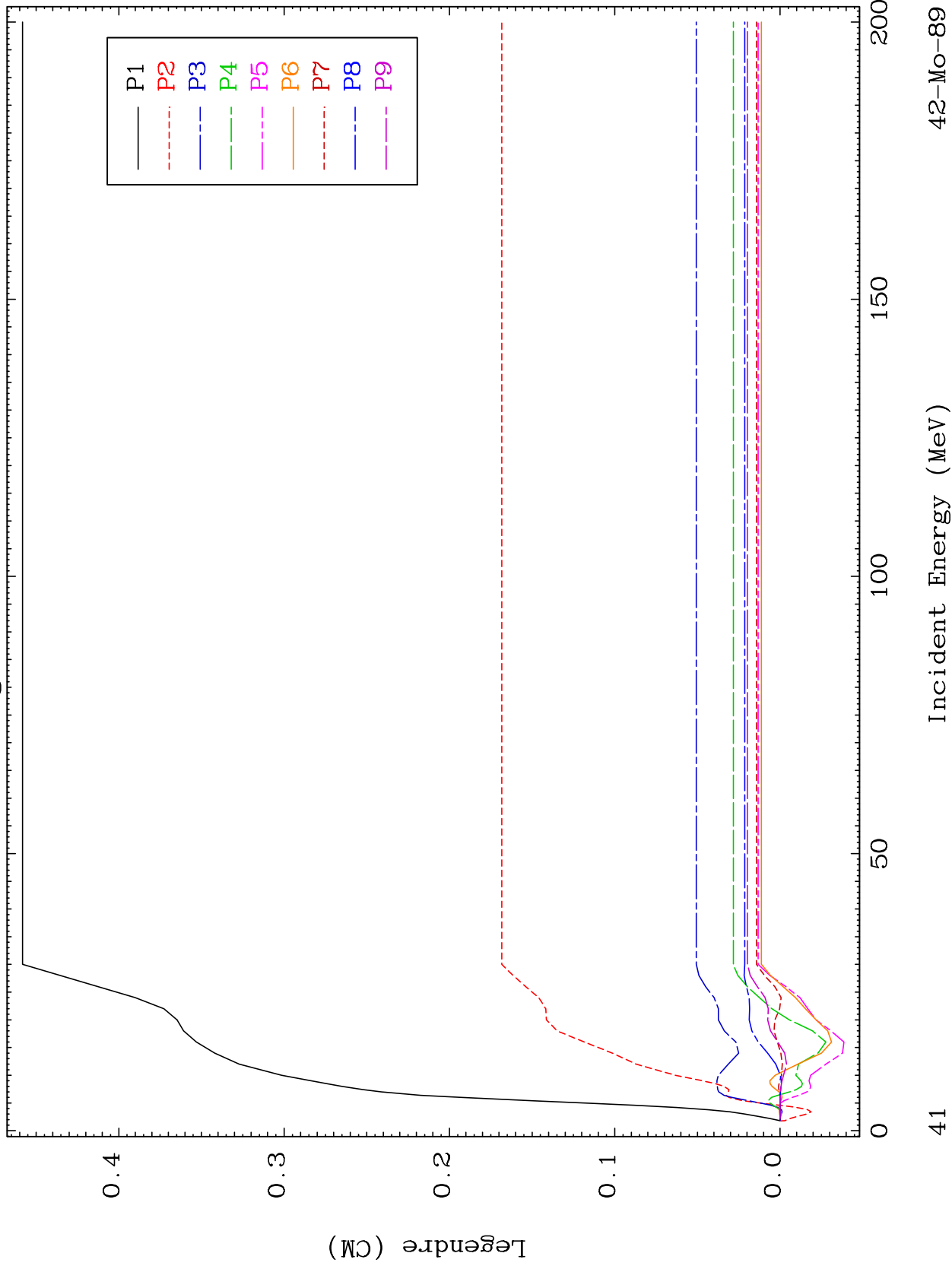
42-Mo-89



MAT 4216

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

42-Mo-89



42-Mo-89

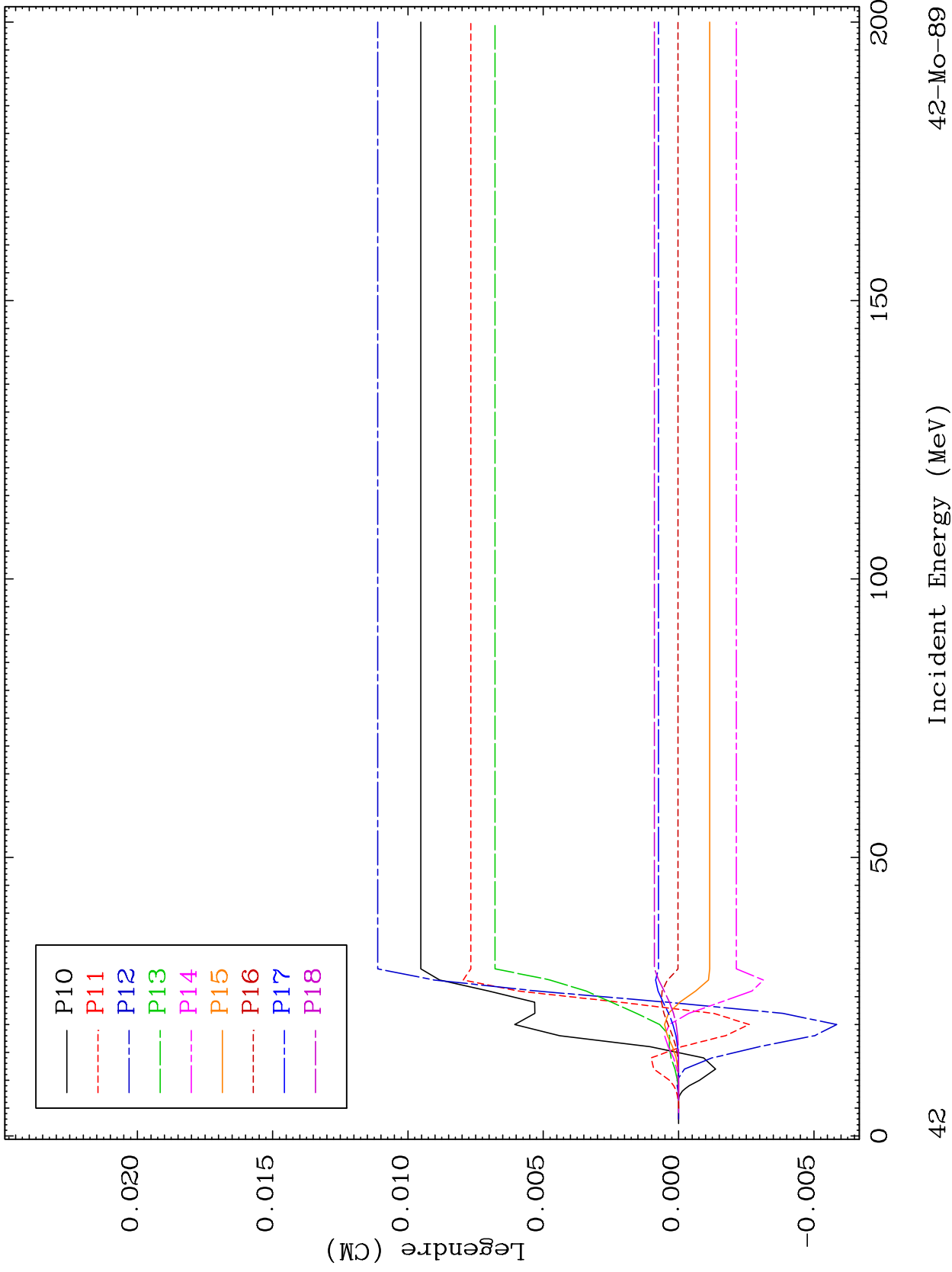
Incident Energy (MeV)

41

MAT 4216

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

42-Mo-89



42

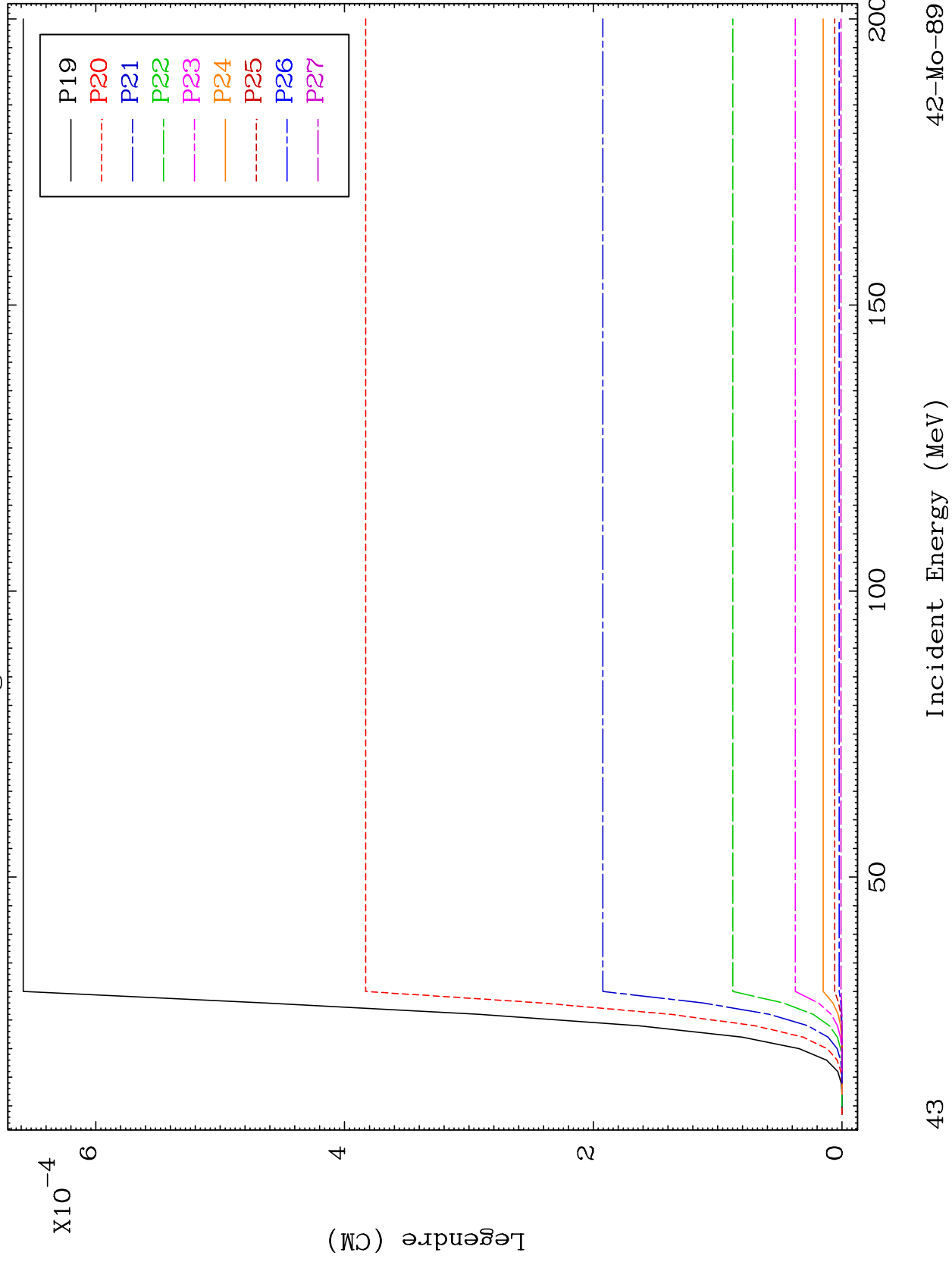
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

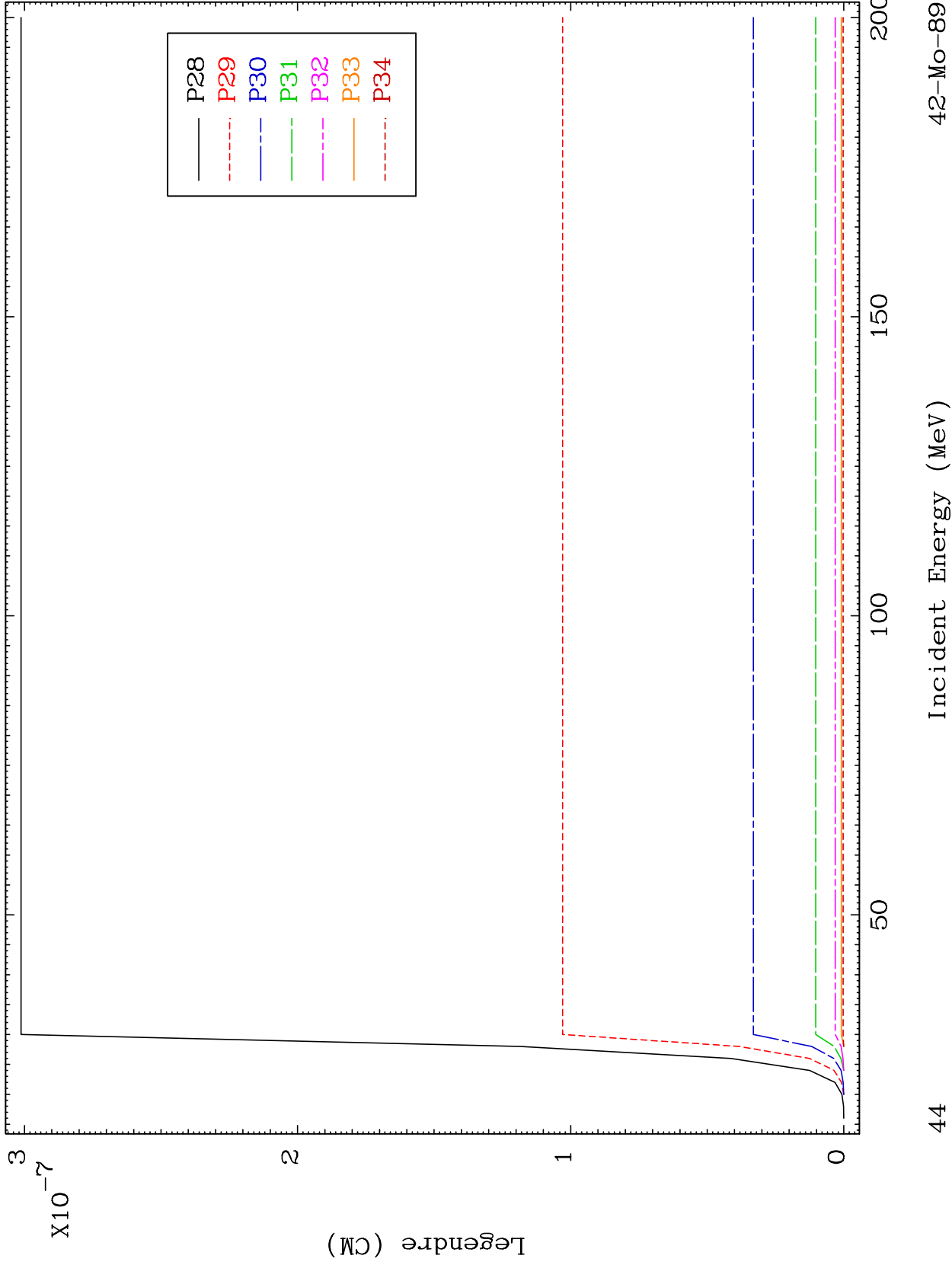
42-Mo-89



MAT 4216

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

42-Mo-89



44

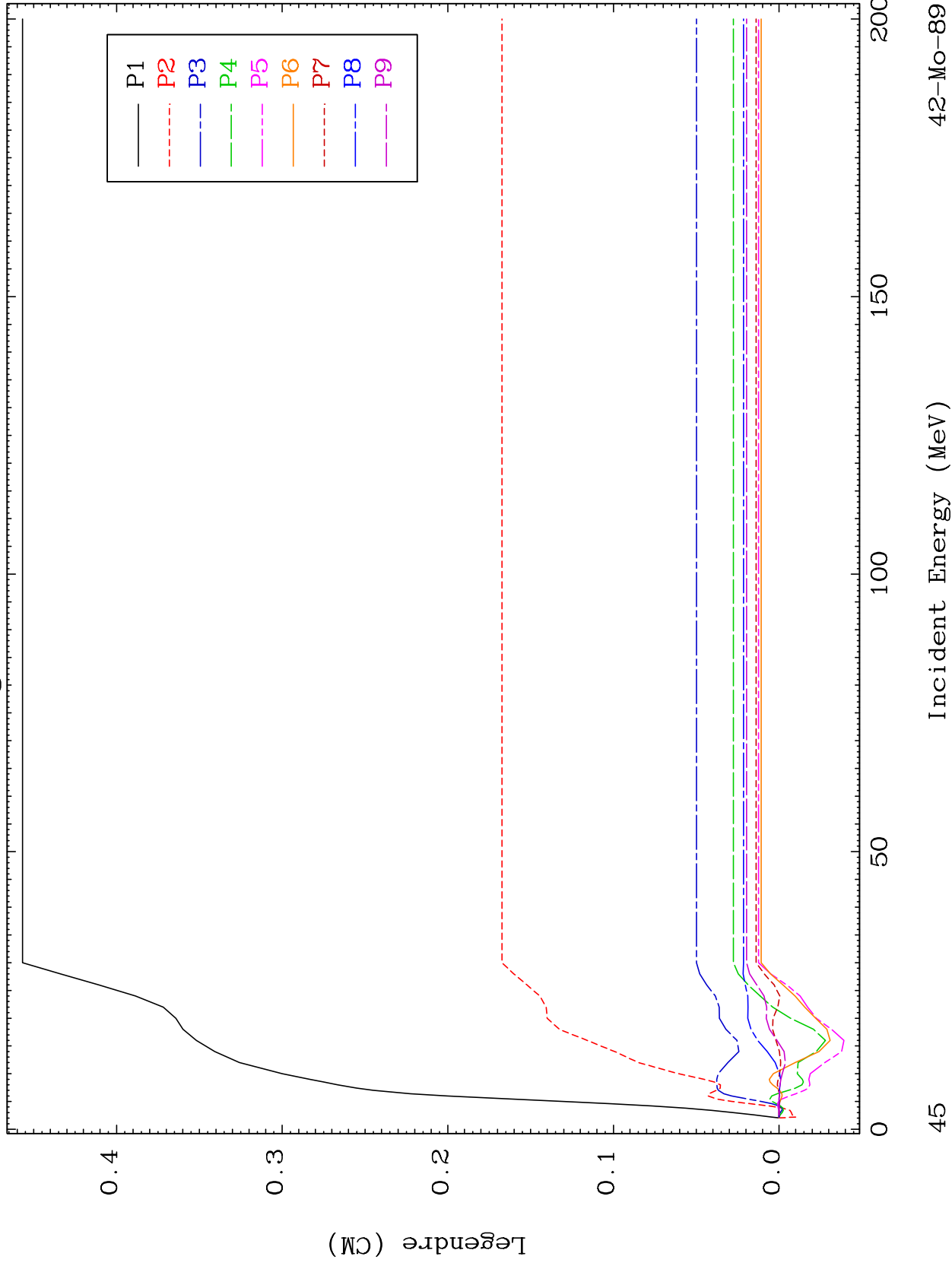
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



42-Mo-89

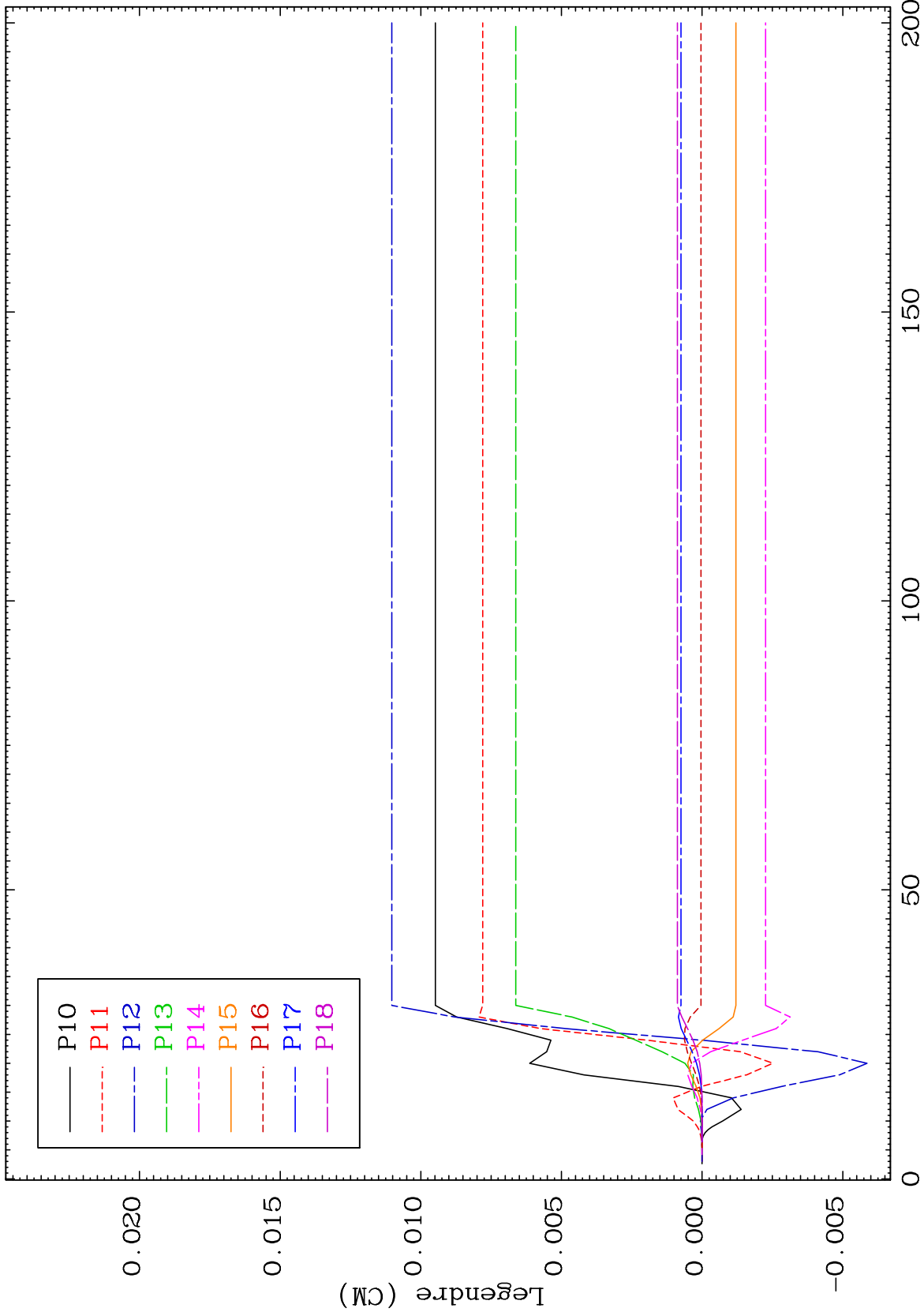
Incident Energy (MeV)

45

MAT 4216

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

42-Mo-89



46

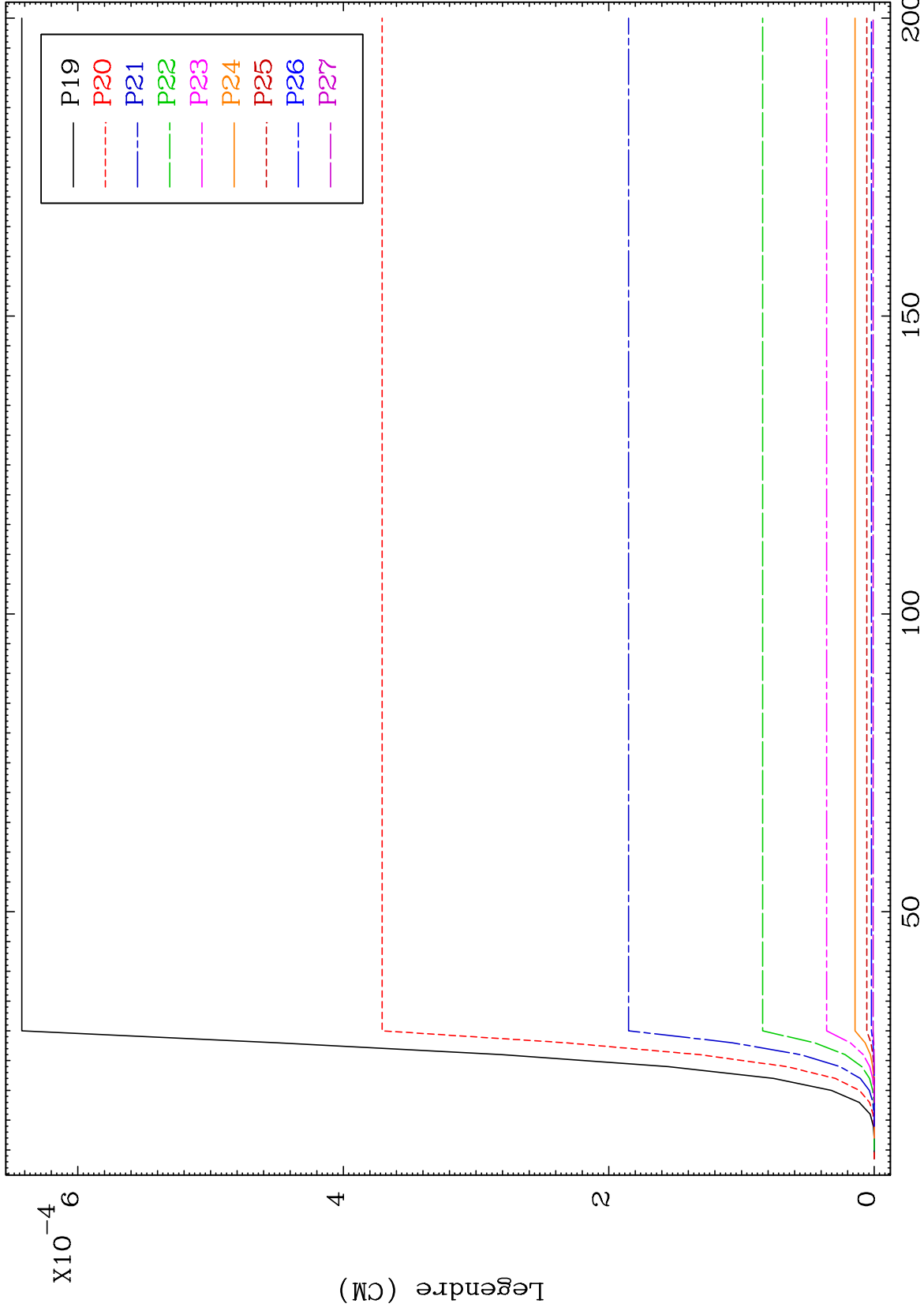
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



47

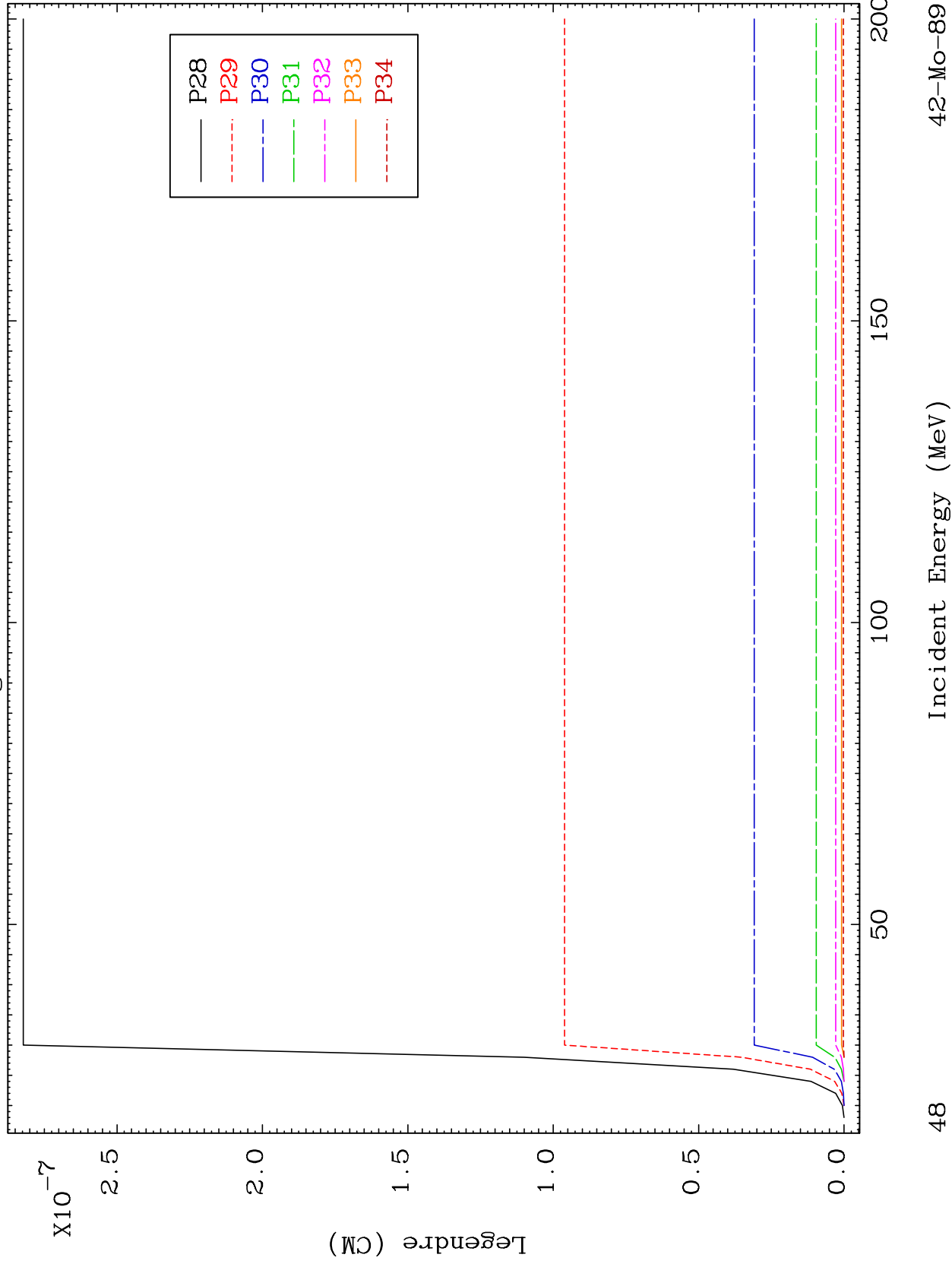
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

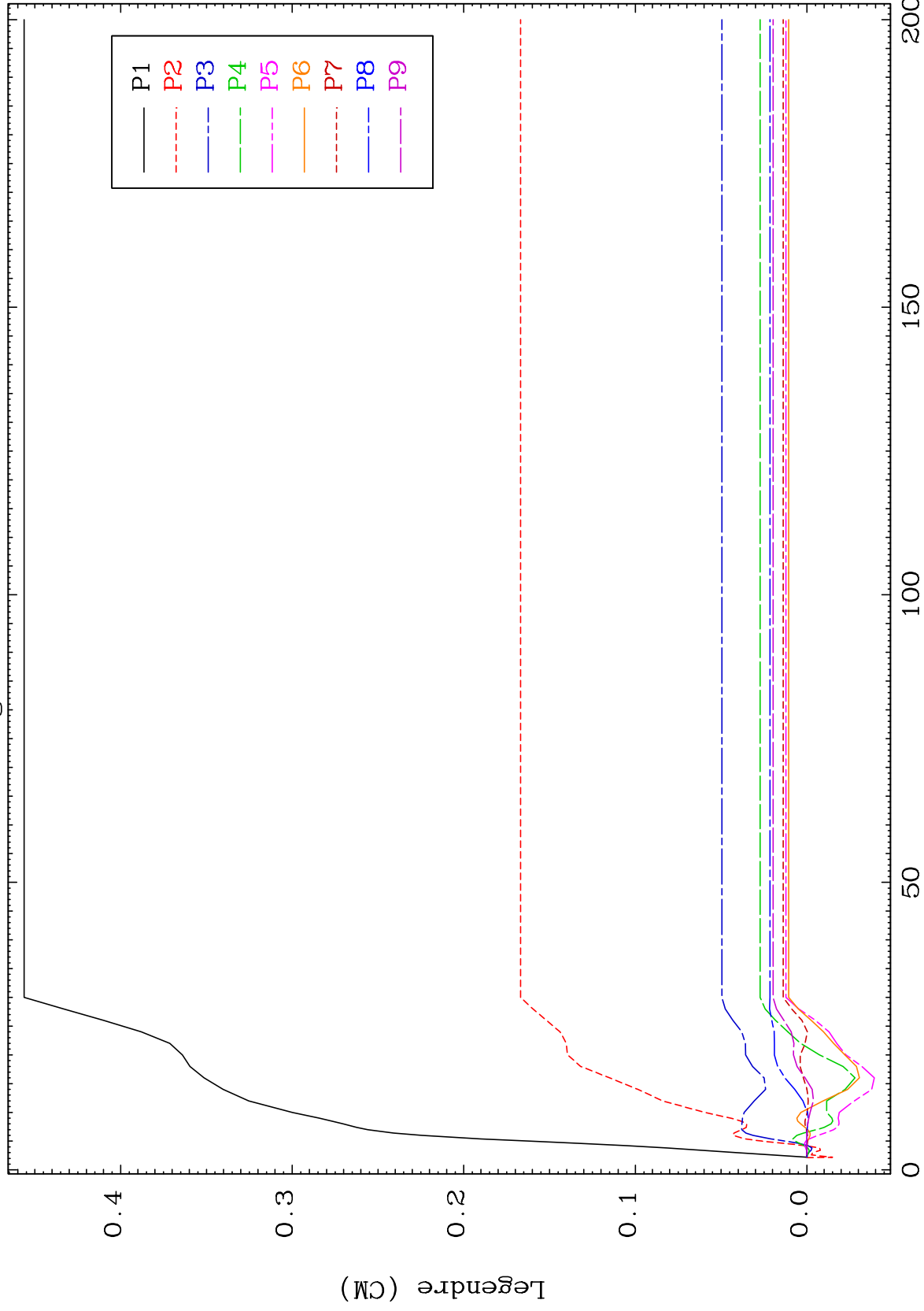
42-Mo-89



MAT 4216

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

42-Mo-89



49

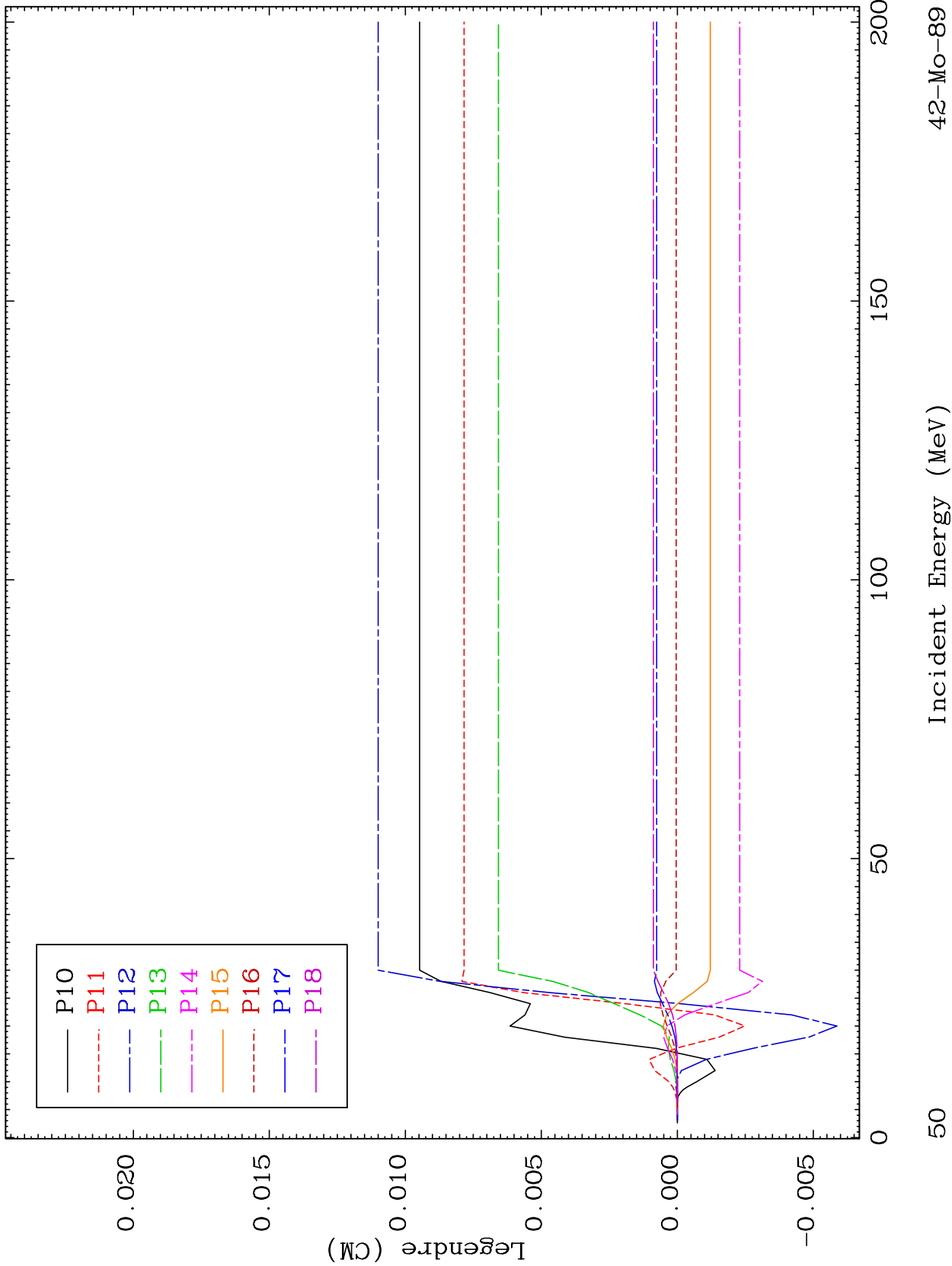
Incident Energy (MeV)

42-Mo-89

MAT 4216

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

42-Mo-89



42-Mo-89

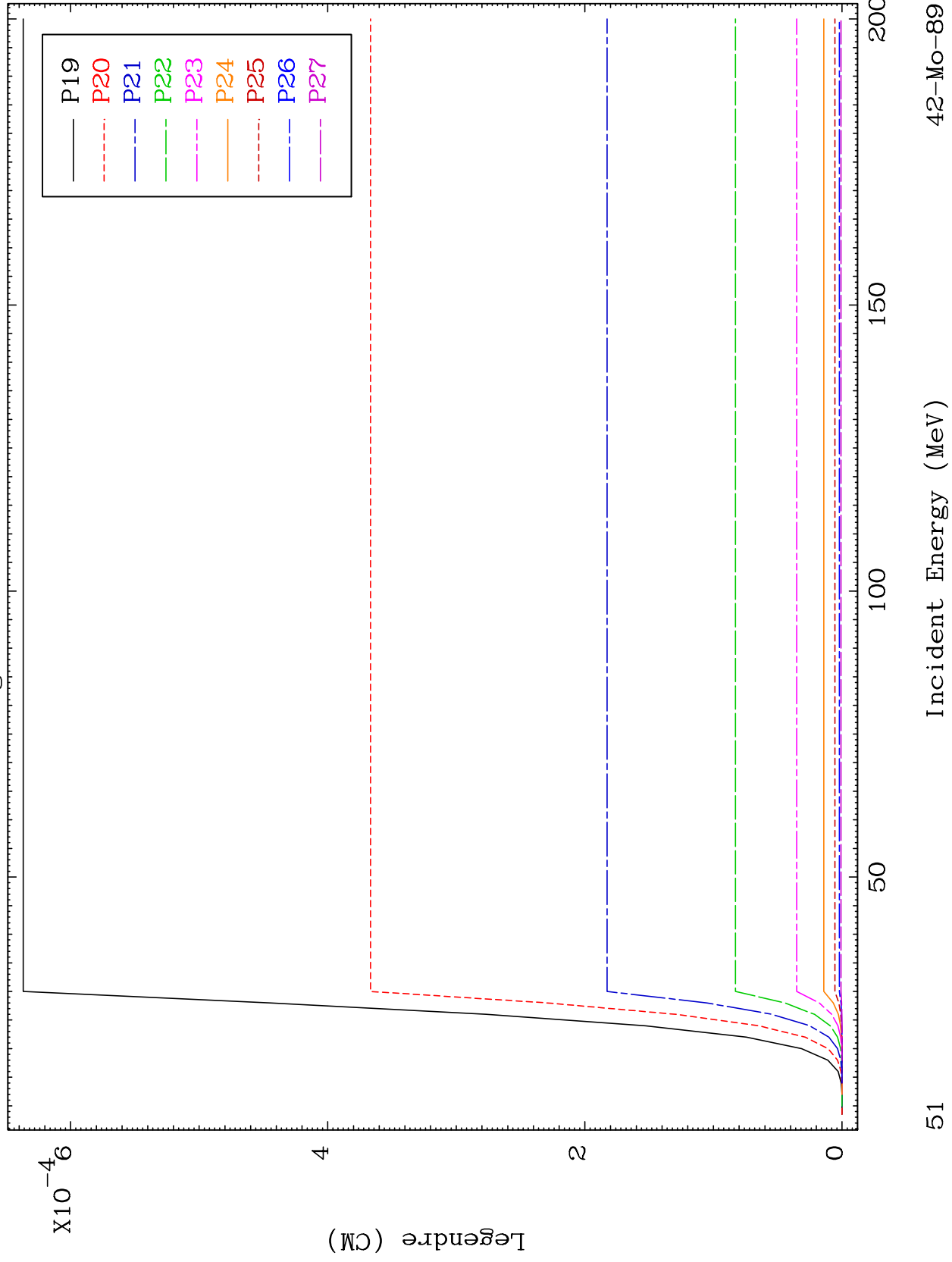
Incident Energy (MeV)

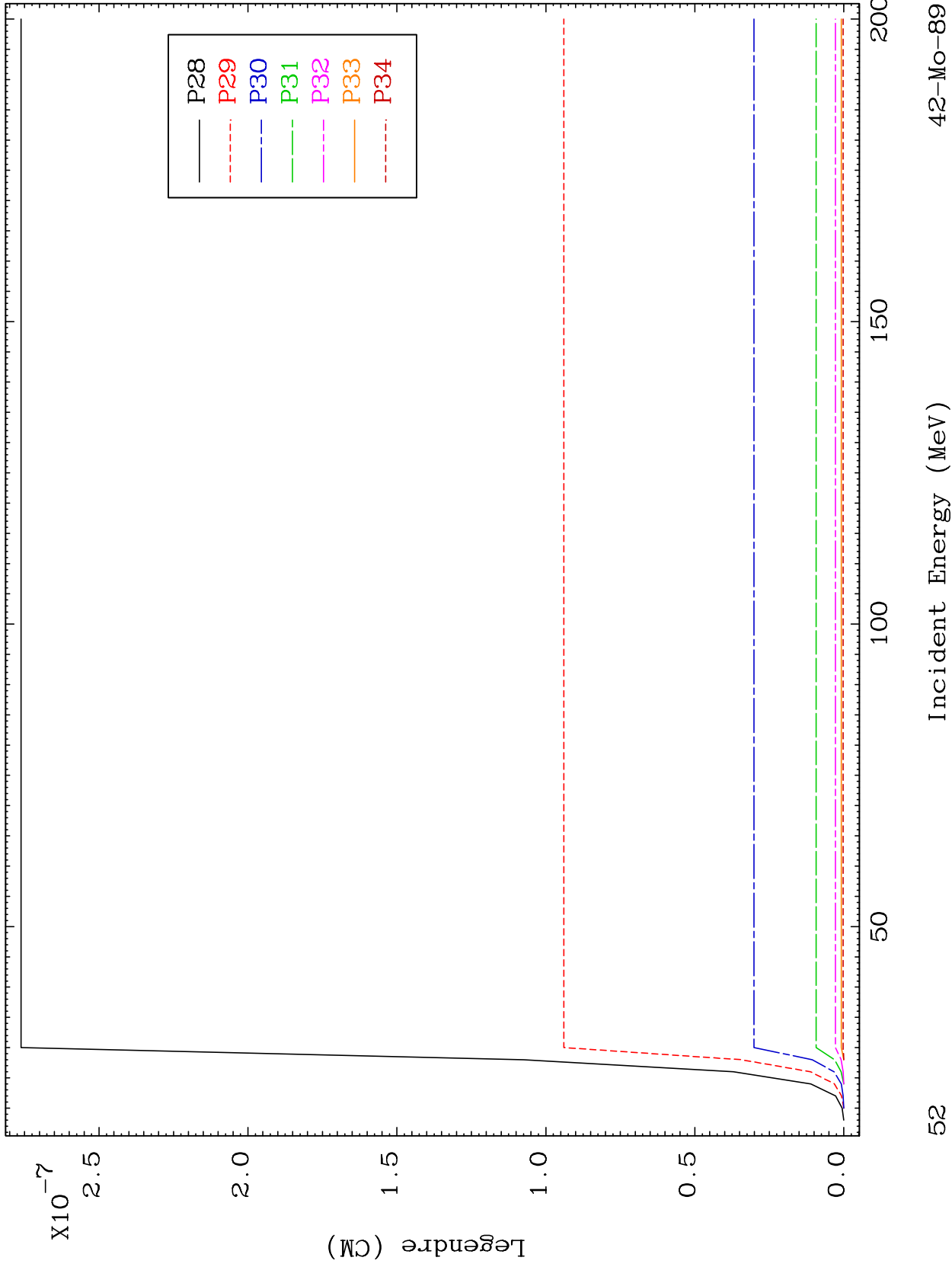
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MAT 4216

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

42-Mo-89

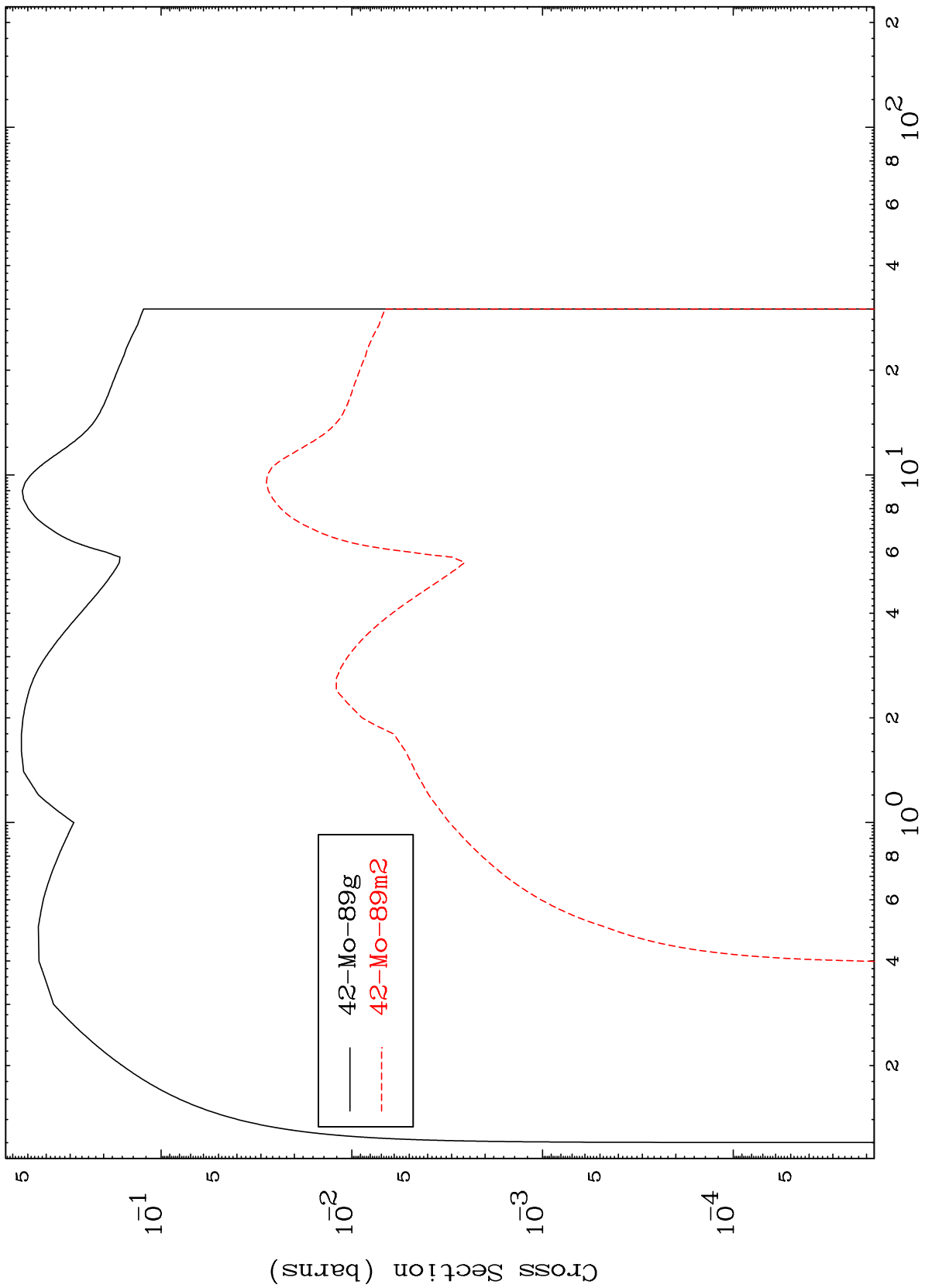




MAT 4216

42-Mo-89

Inelastic
Radionuclide Production Cross Section

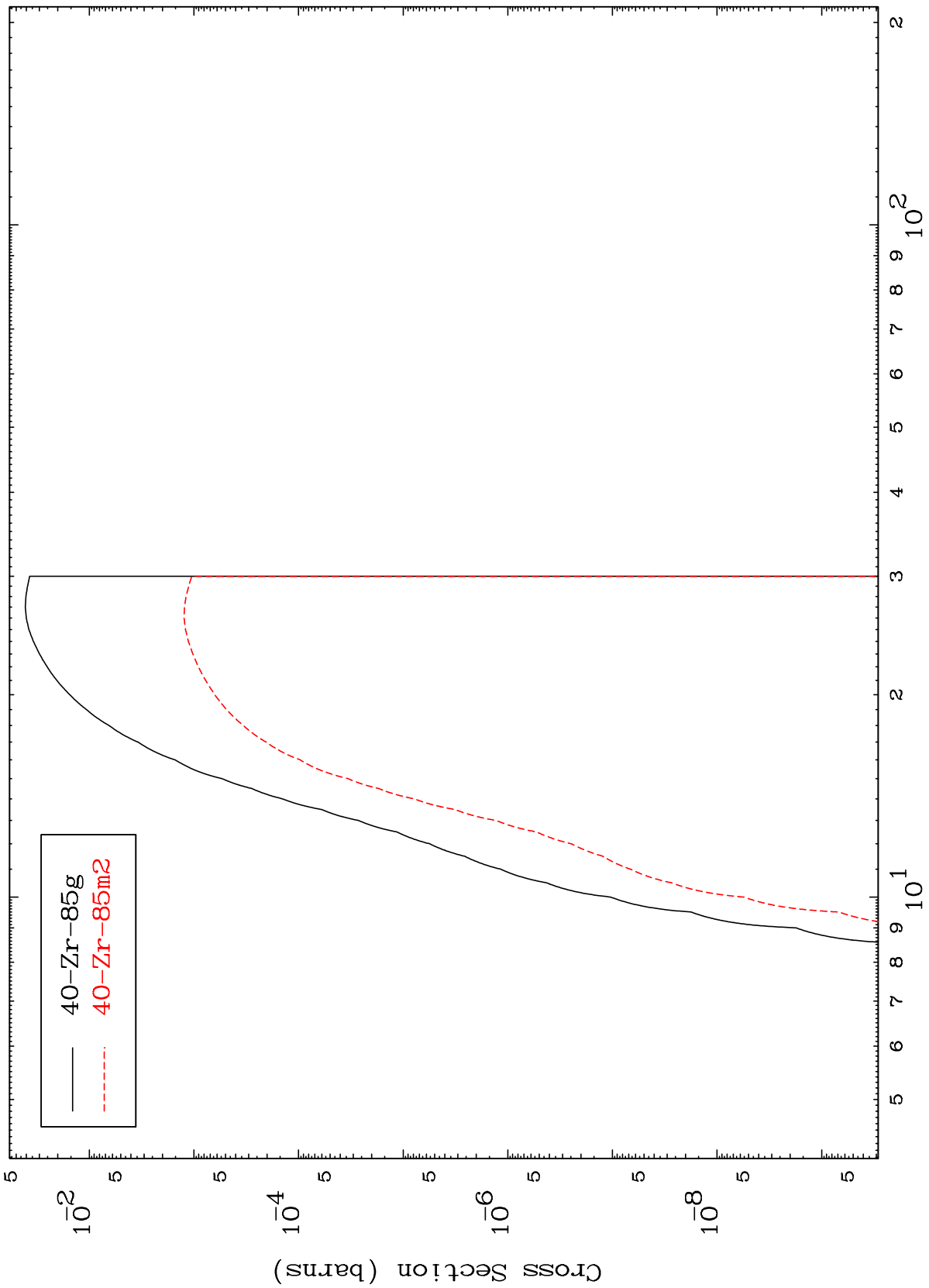


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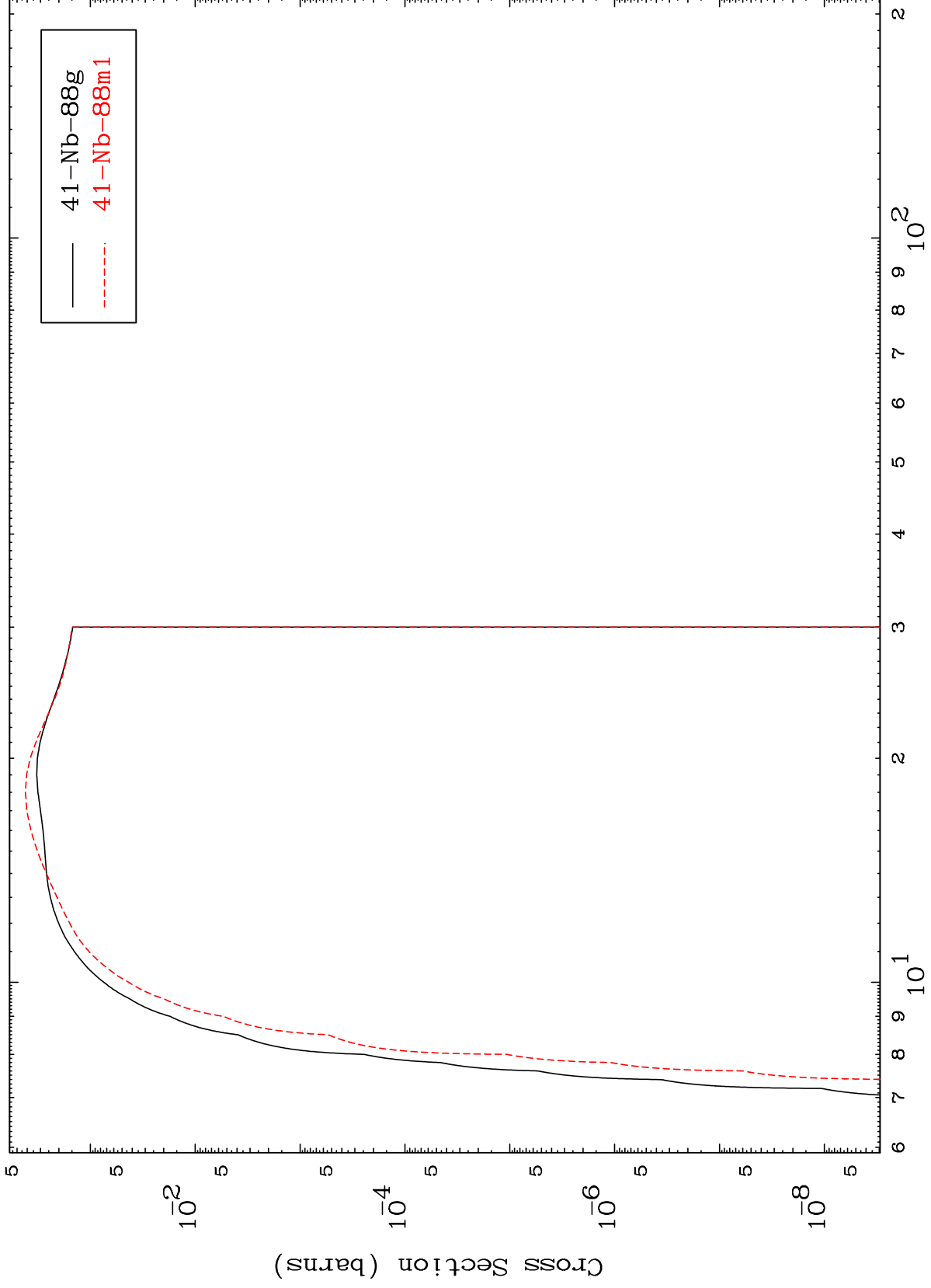
Incident Energy (MeV)

53

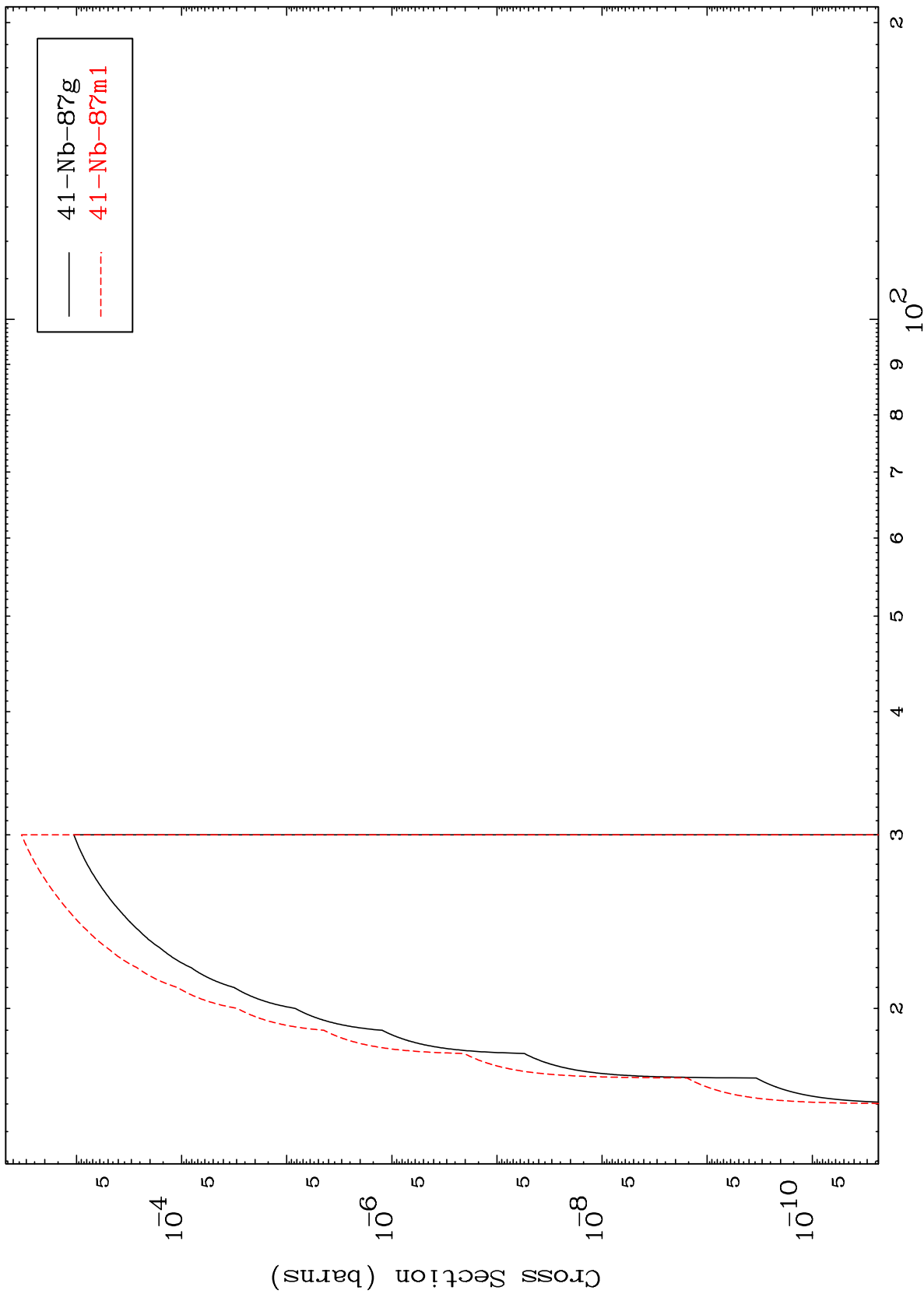
Radionuclide Production Cross Section

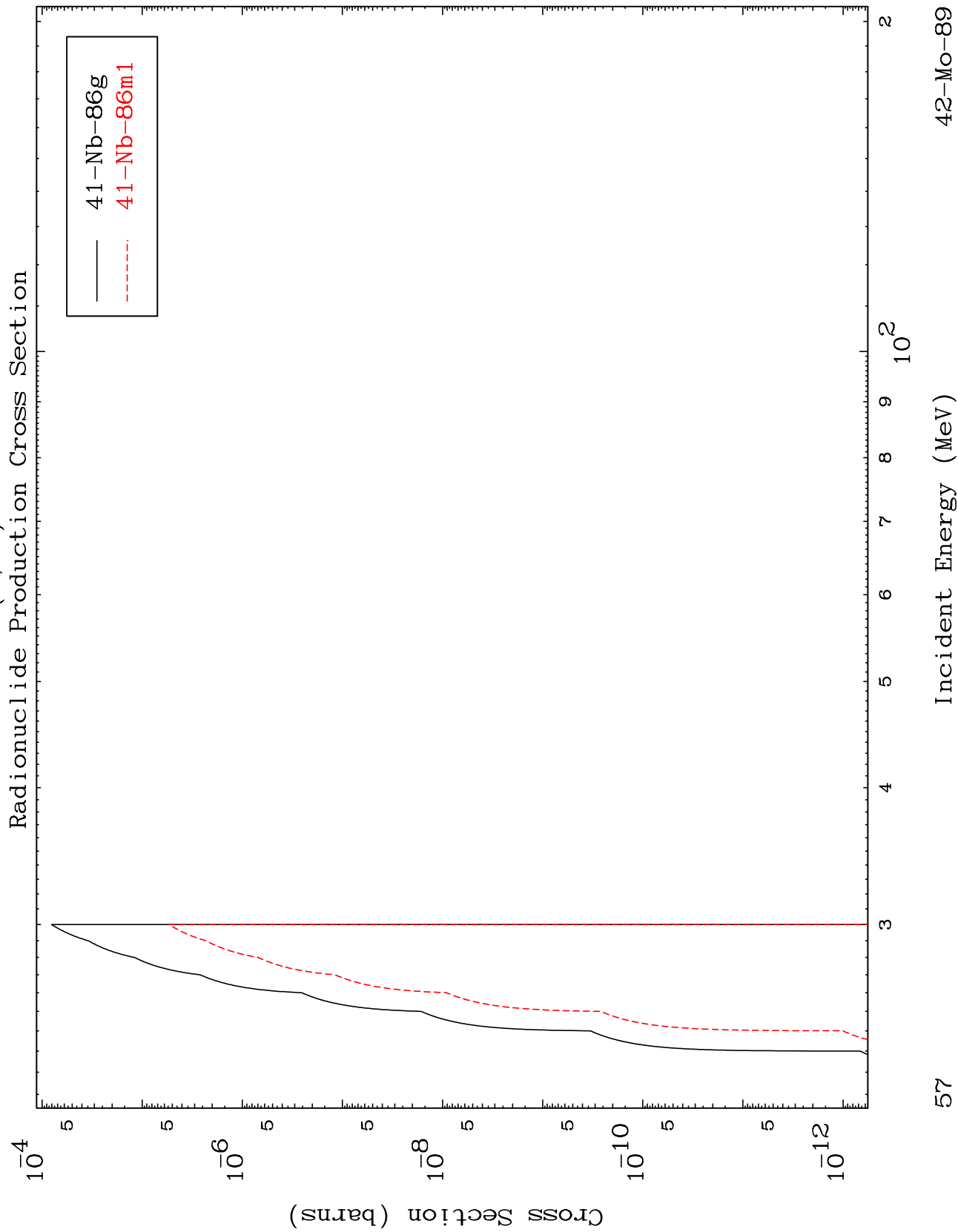


(n, n') p
Radionuclide Production Cross Section

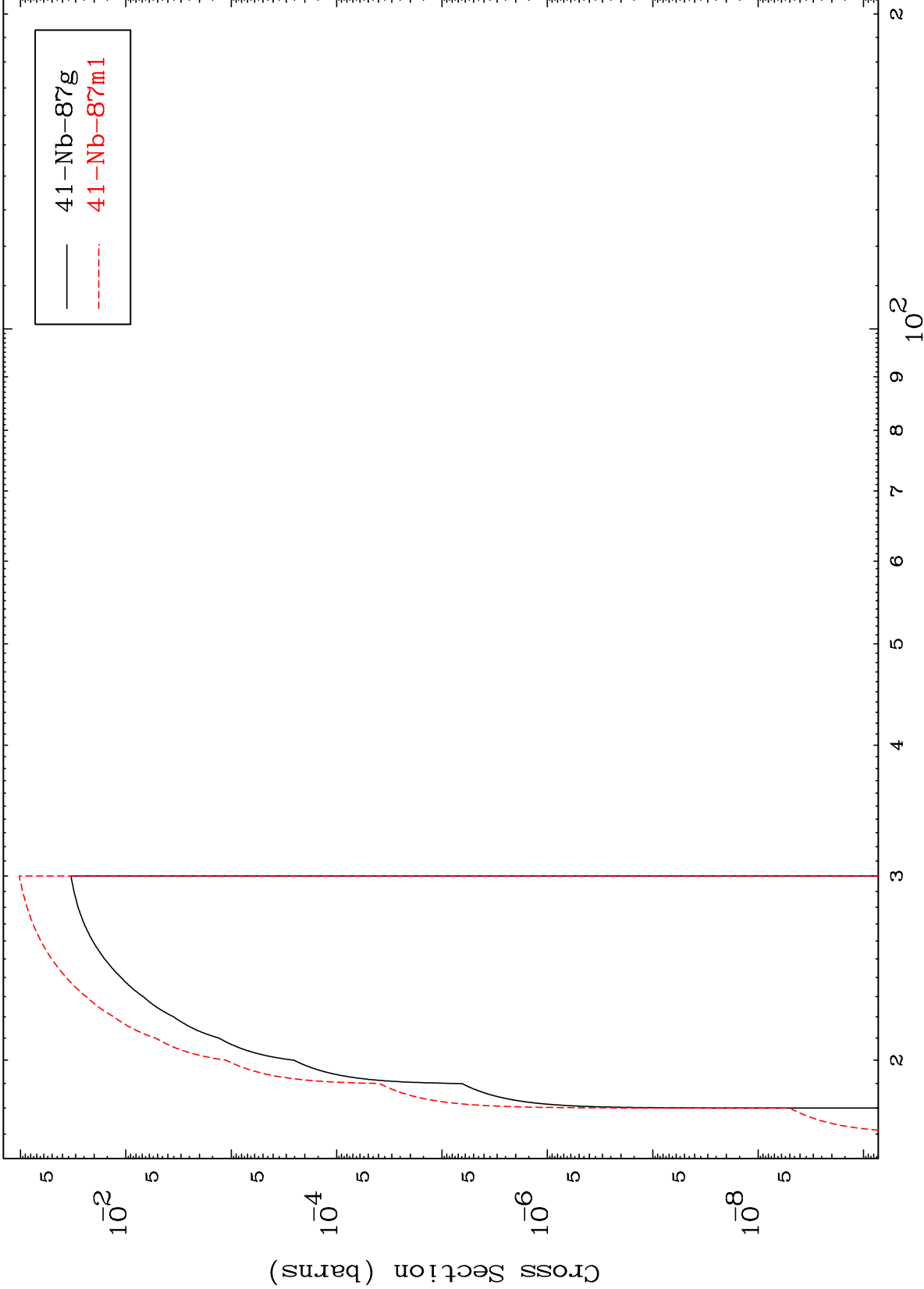


Radionuclide Production Cross Section





Radionuclide Production Cross Section

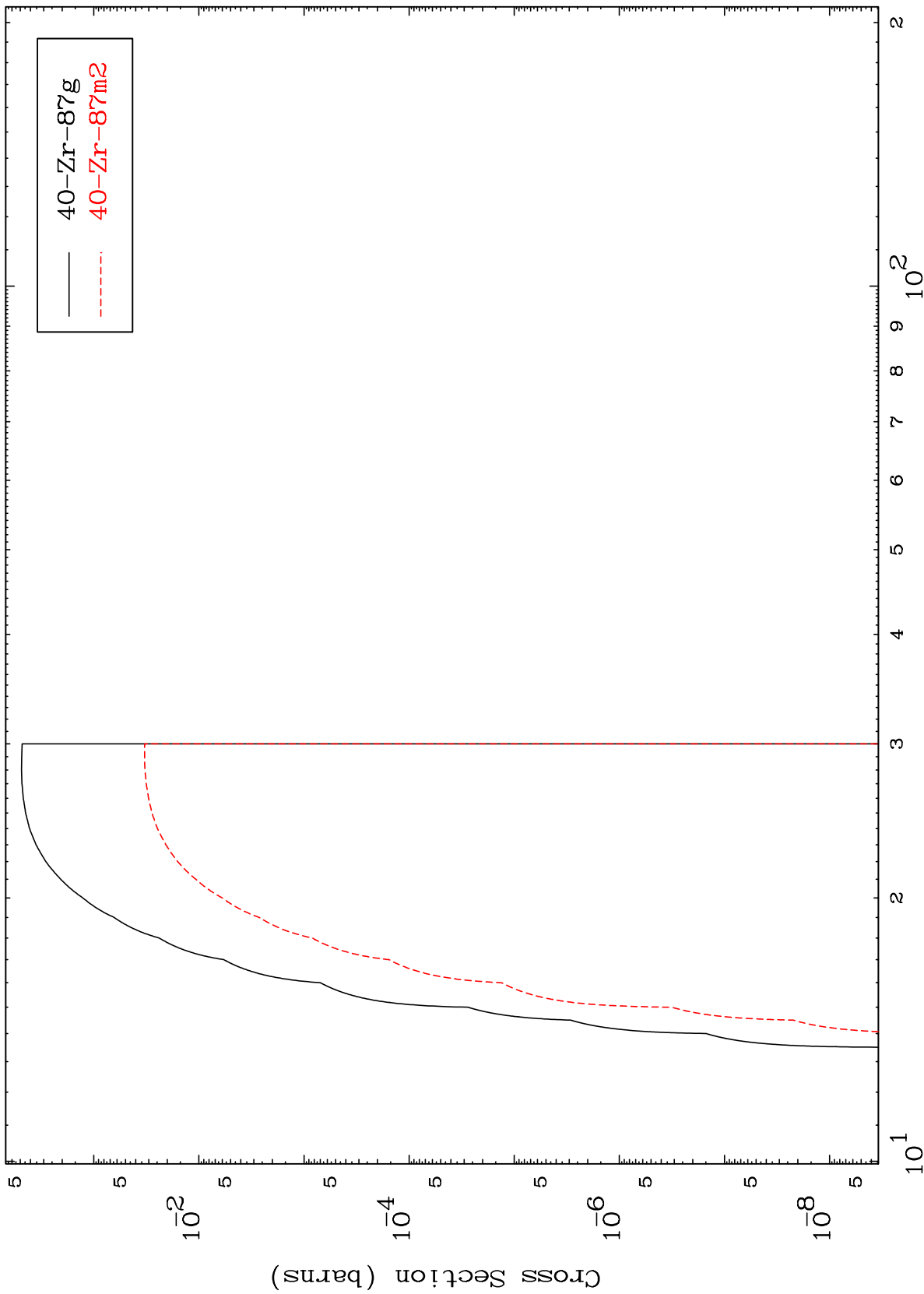


MAT 4216

(n,2n) p

42-Mo-89

Radionuclide Production Cross Section

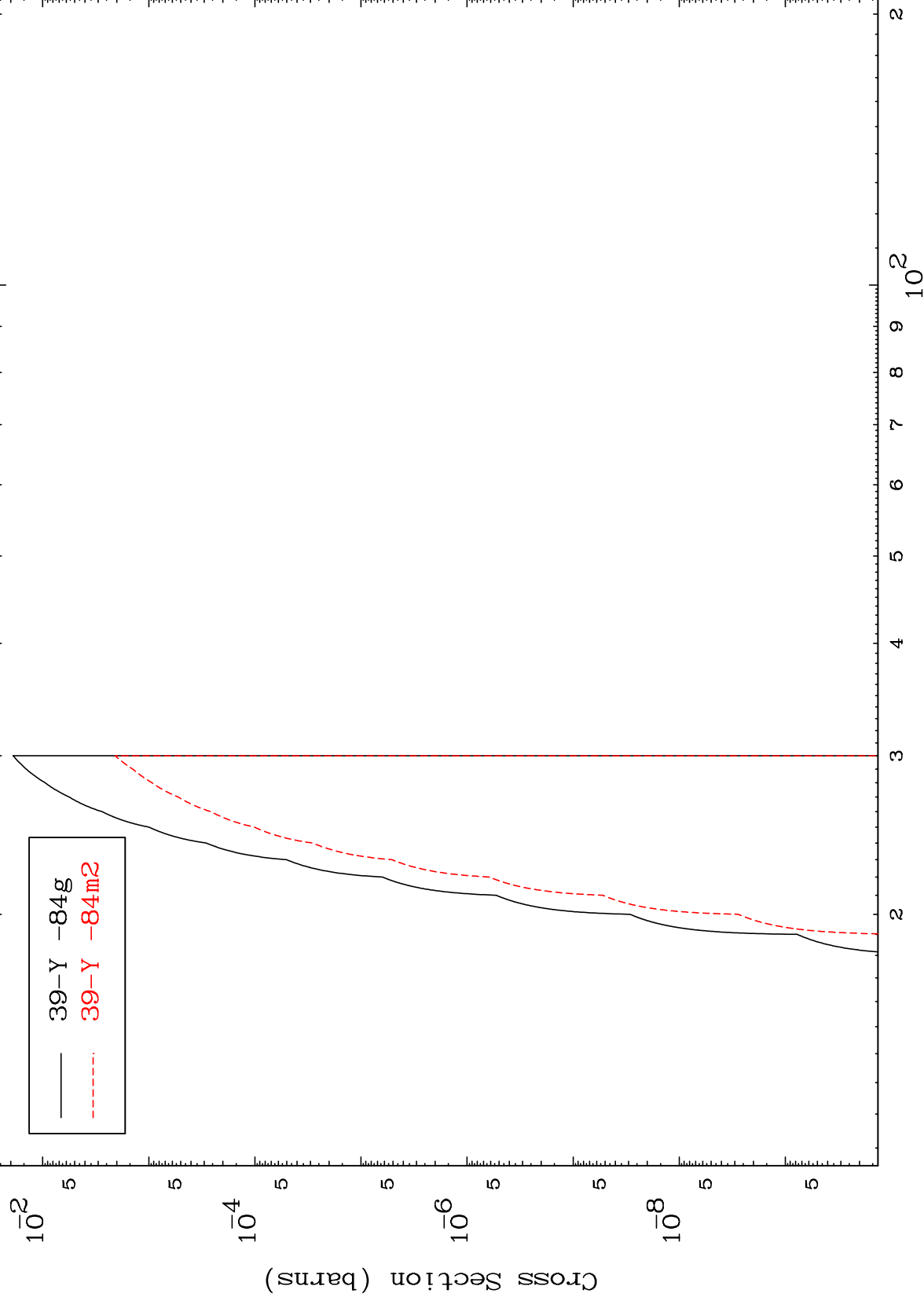


Incident Energy (MeV)

42-Mo-89

59

Radionuclide Production Cross Section

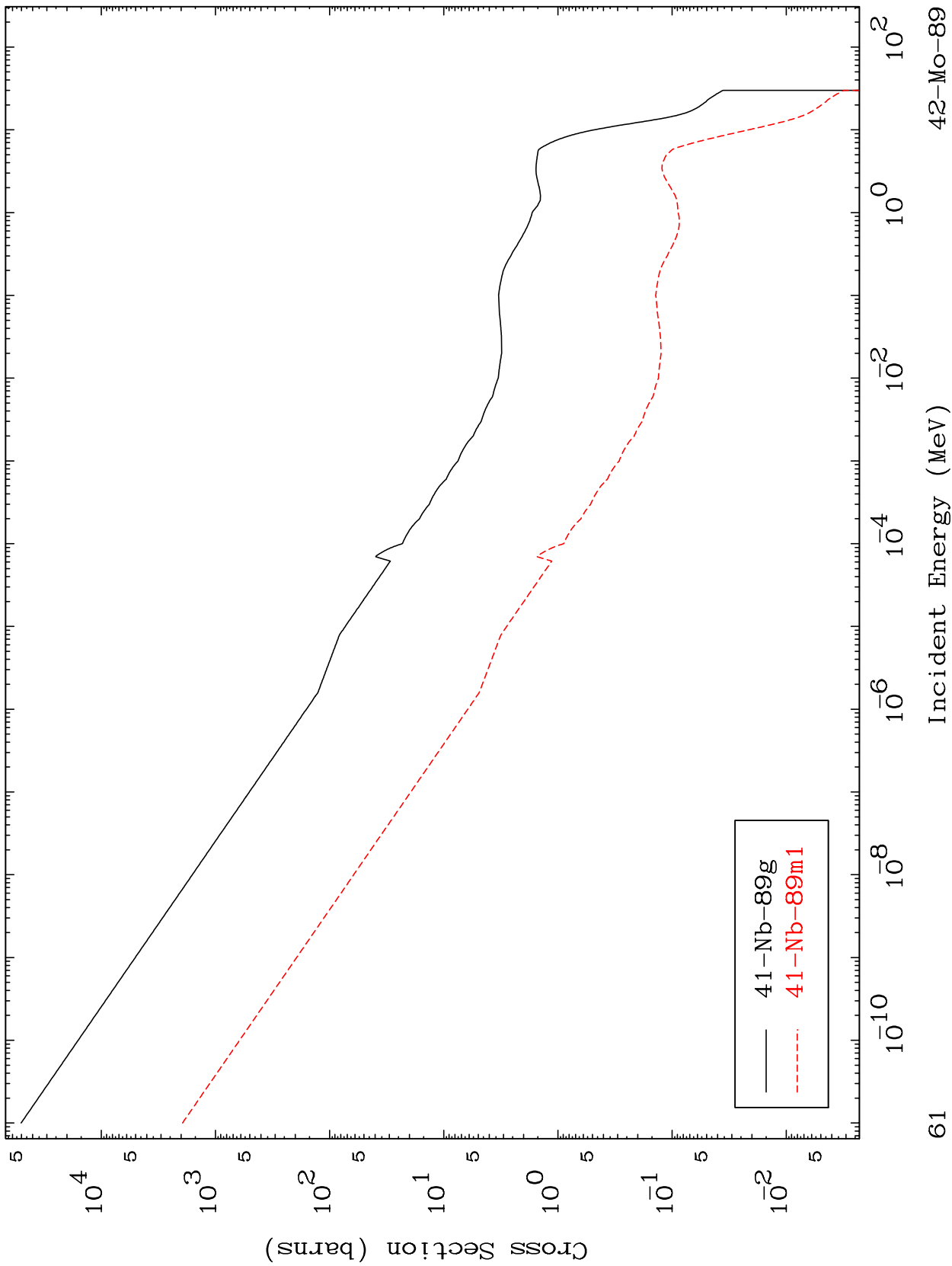


— 39-Y -84g
- - - 39-Y -84m2

MAT 4216

42-Mo-89

(n,p)
Radionuclide Production Cross Section



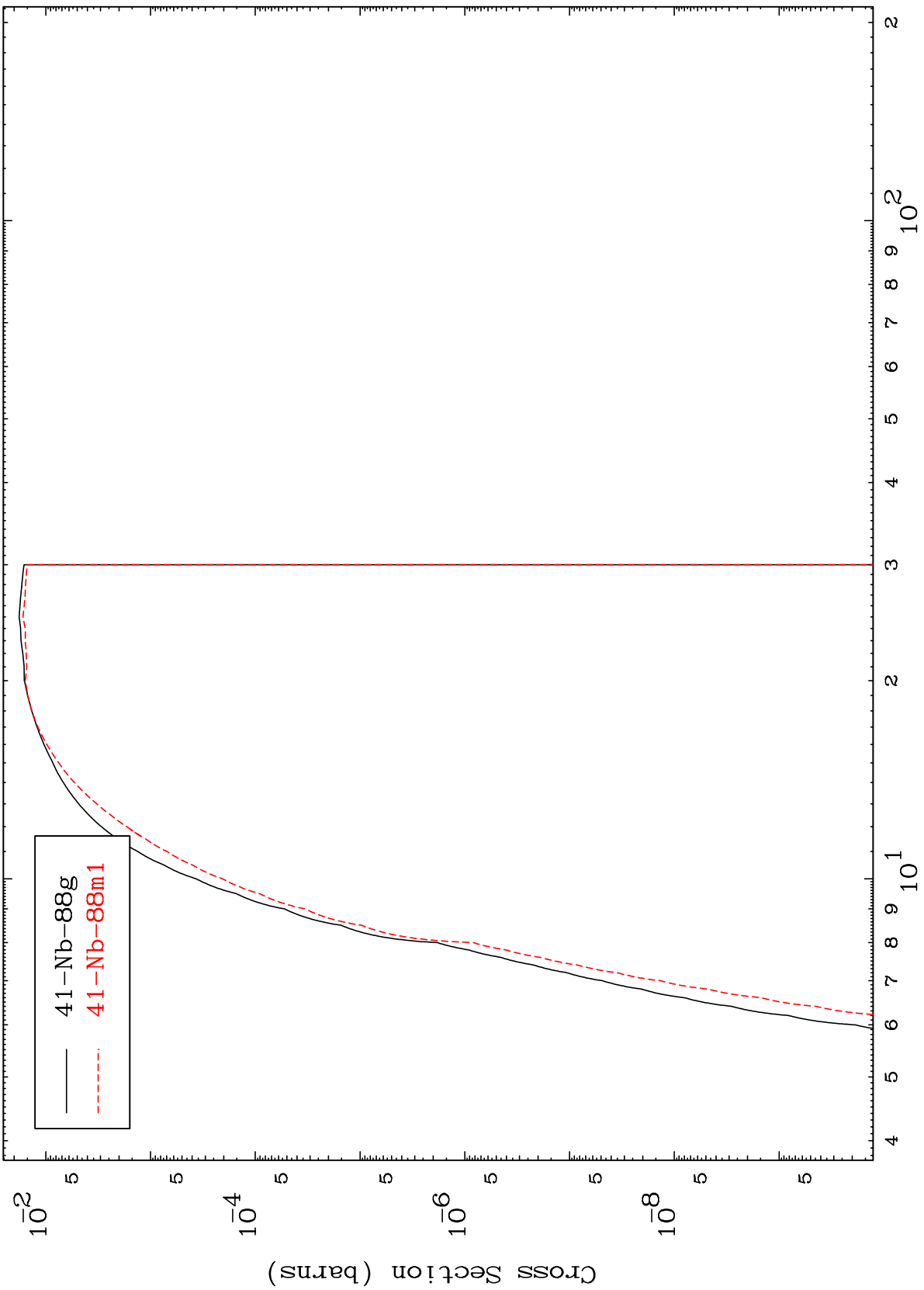
61

42-Mo-89

MAT 4216

42-Mo-89

(n,d)
Radionuclide Production Cross Section



62

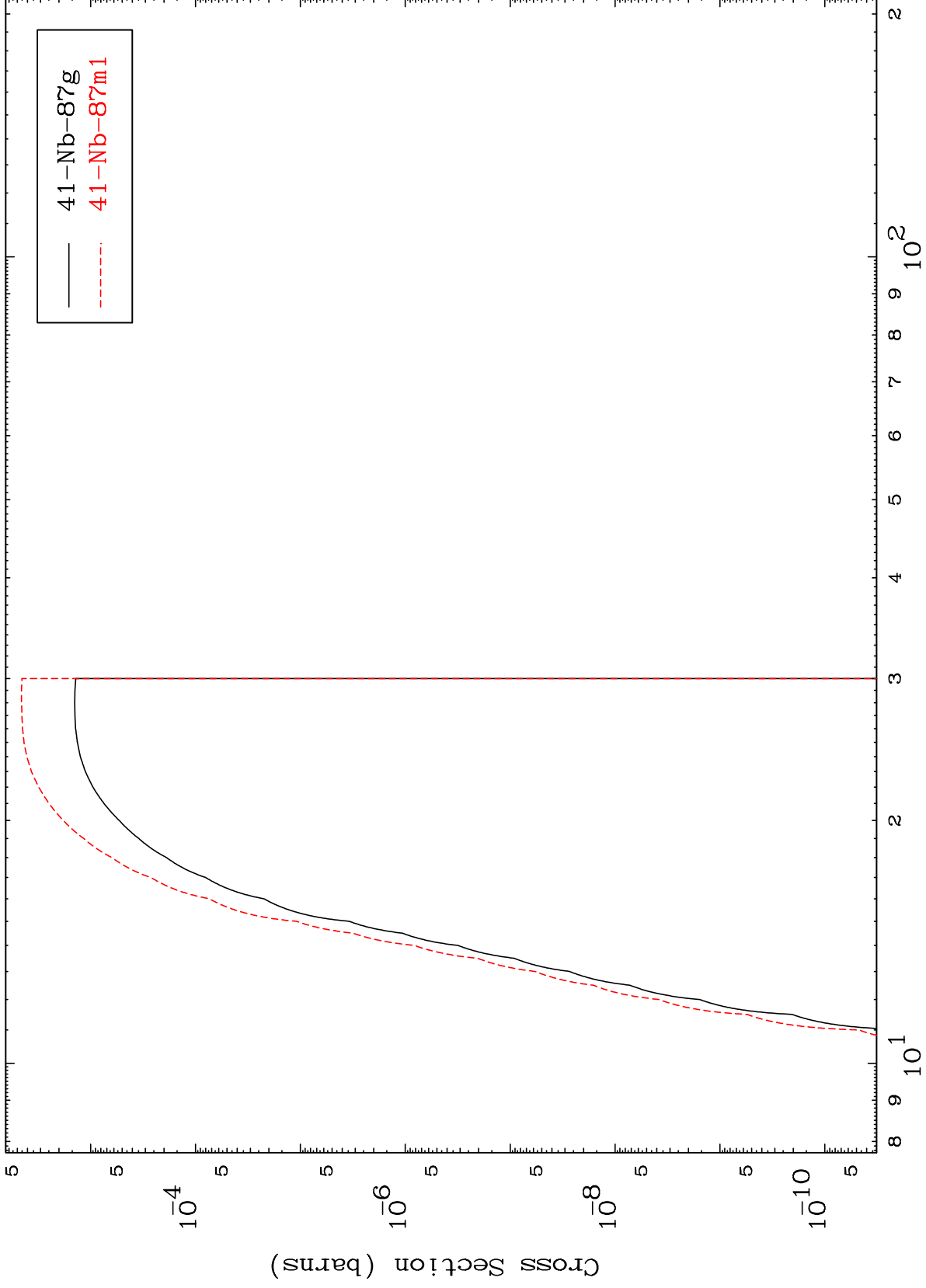
Incident Energy (MeV)

42-Mo-89

MAT 4216

42-Mo-89

(n, t)
Radionuclide Production Cross Section



63

Incident Energy (MeV)

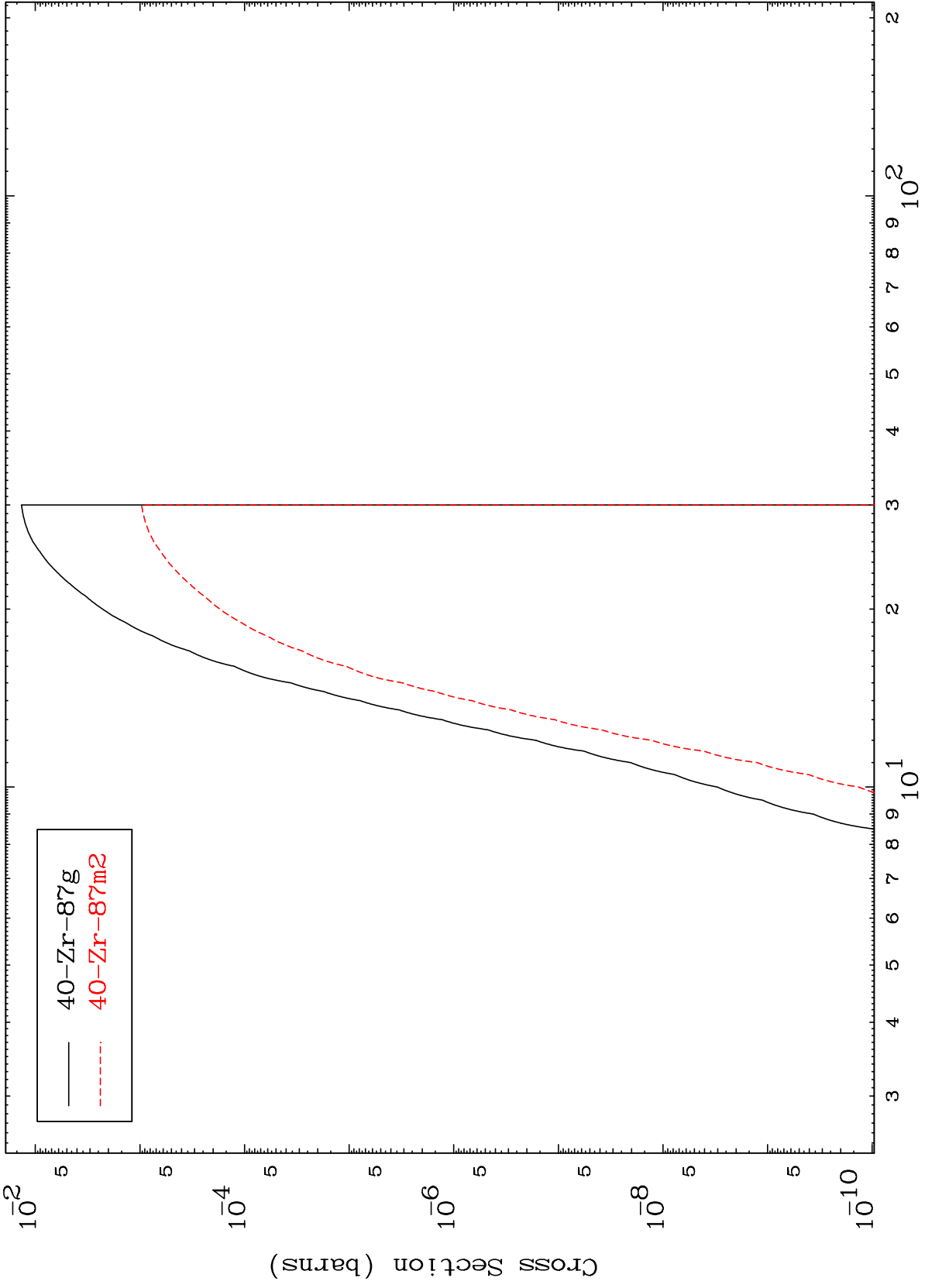
42-Mo-89

MAT 4216

(n,He-3)

42-Mo-89

Radionuclide Production Cross Section



64

Incident Energy (MeV)

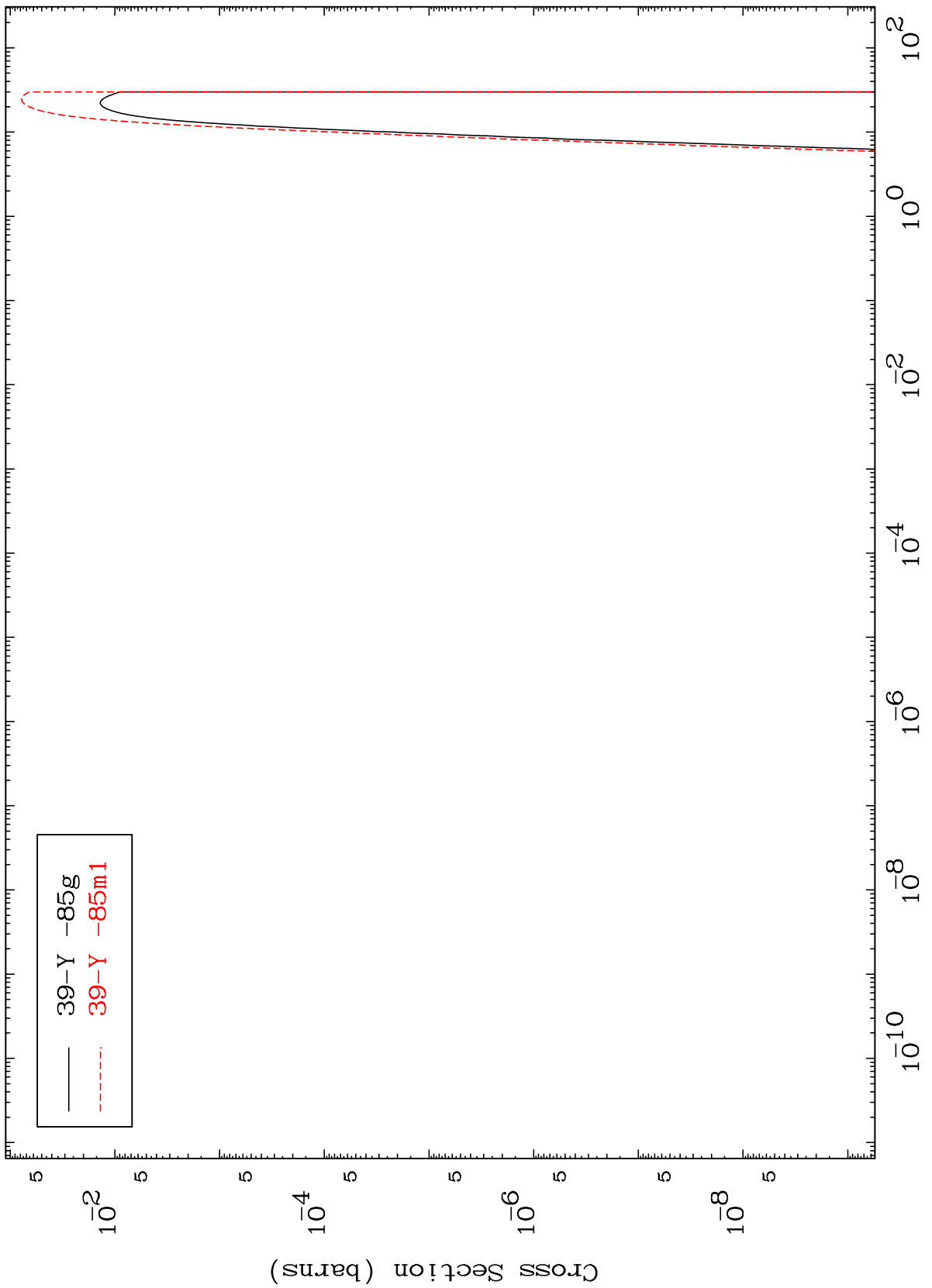
42-Mo-89

MAT 4216

(n,p) α

42-Mo-89

Radionuclide Production Cross Section

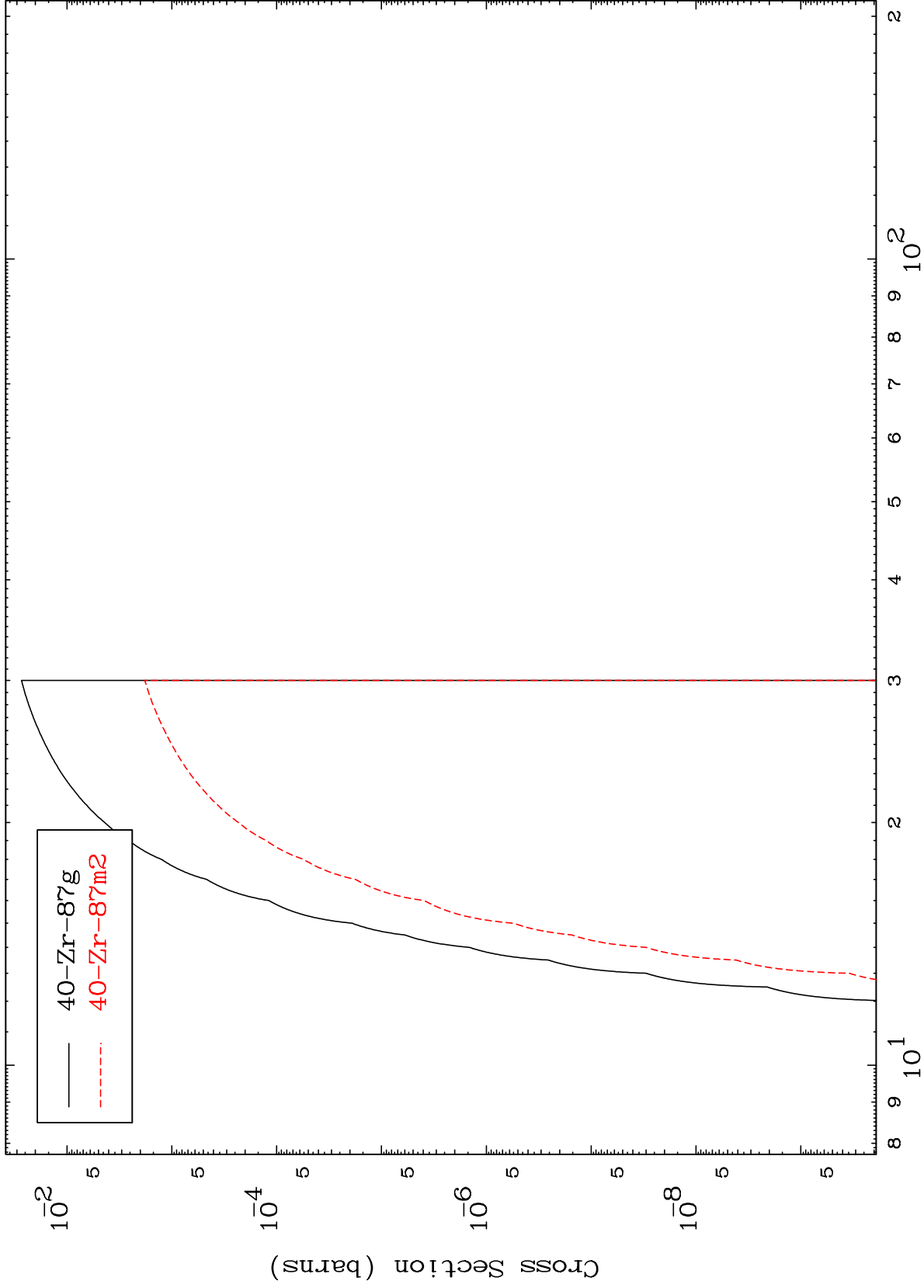


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Incident Energy (MeV)

42-Mo-89

Radionuclide Production Cross Section

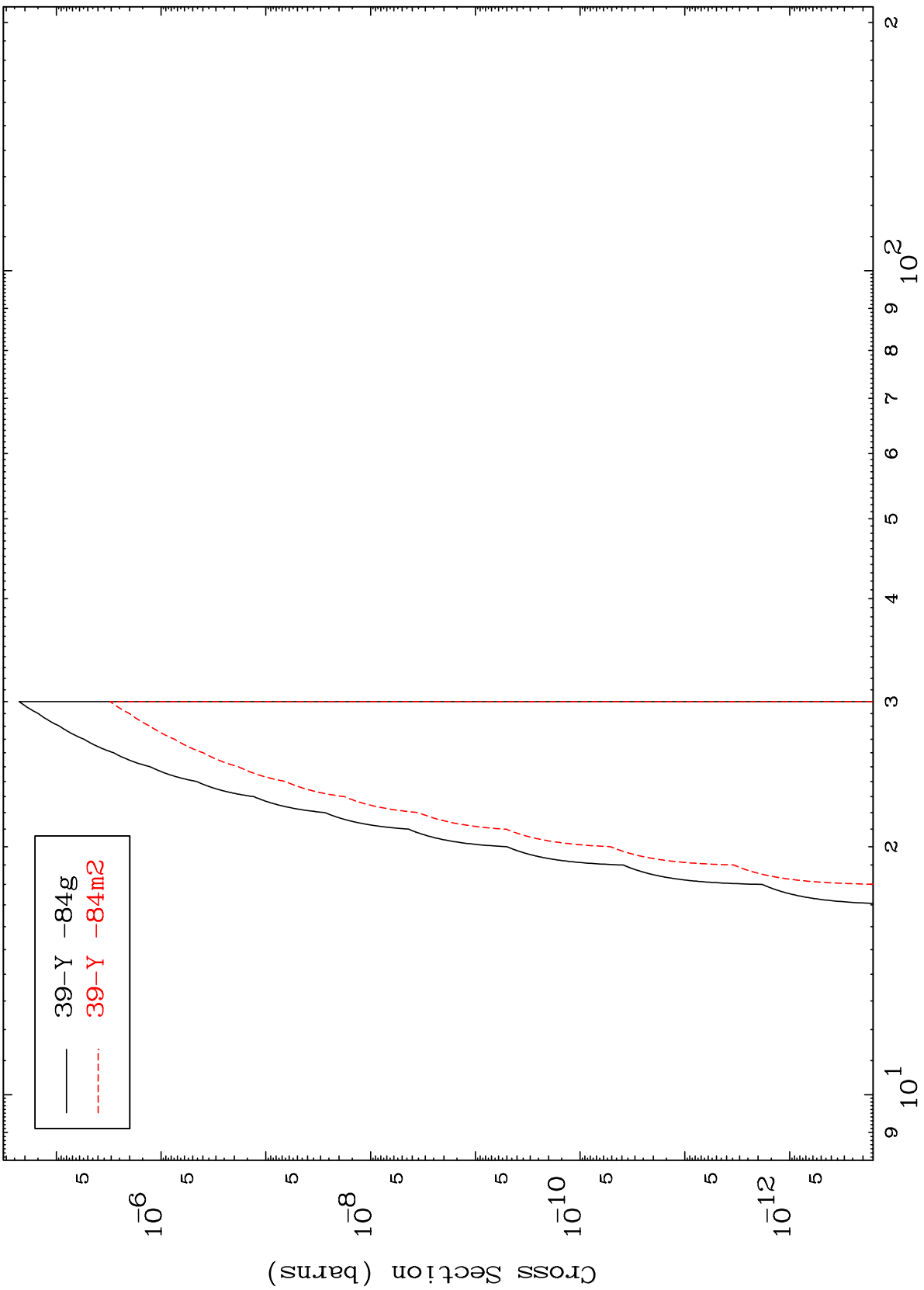


MAT 4216

(n,d) α

42-Mo-89

Radionuclide Production Cross Section



— 39-Y -84g
- - - 39-Y -84m2

67

Incident Energy (MeV)

42-Mo-89