

Program EVALPLOT
(Version 2021-1)

by

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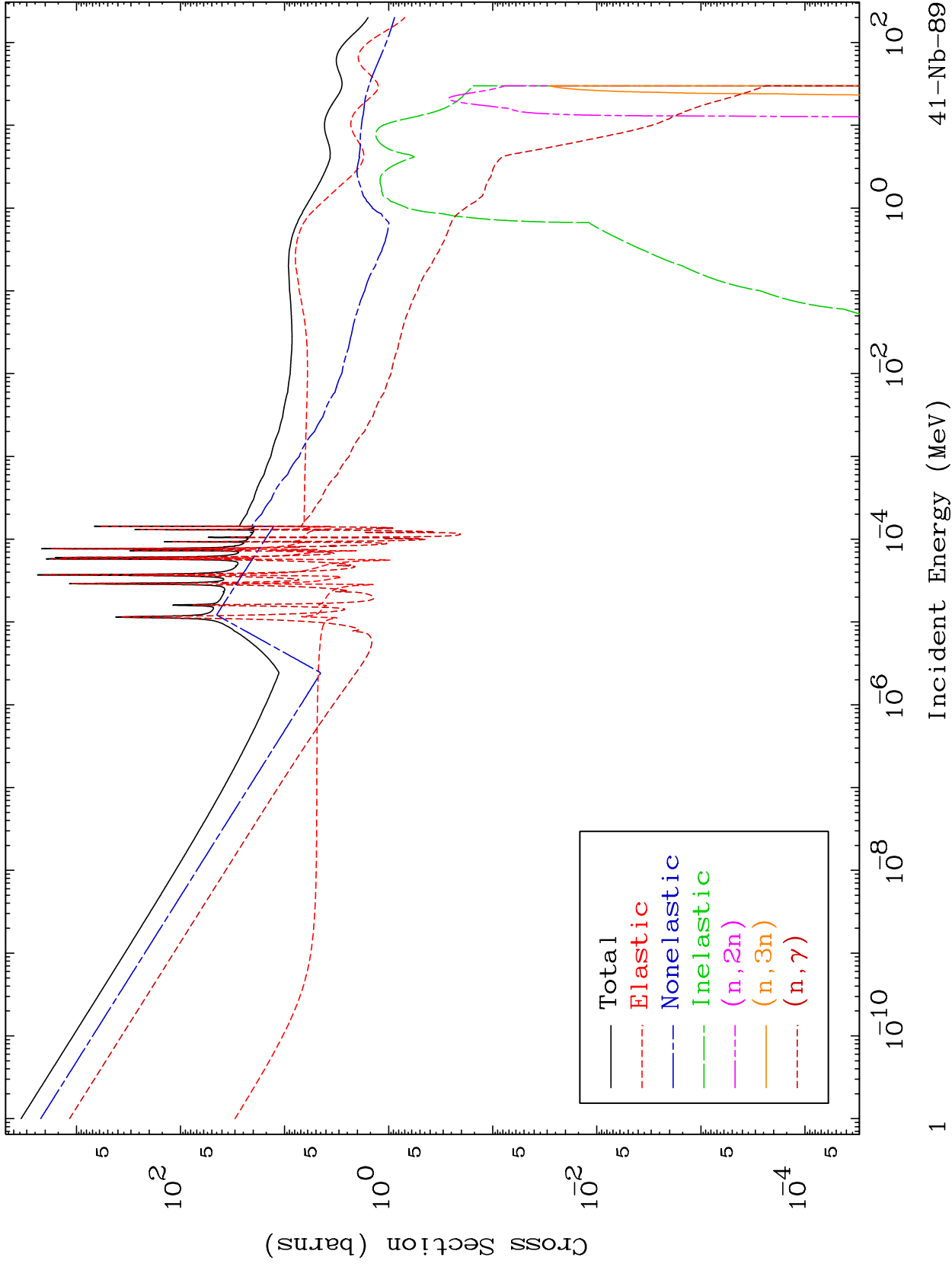
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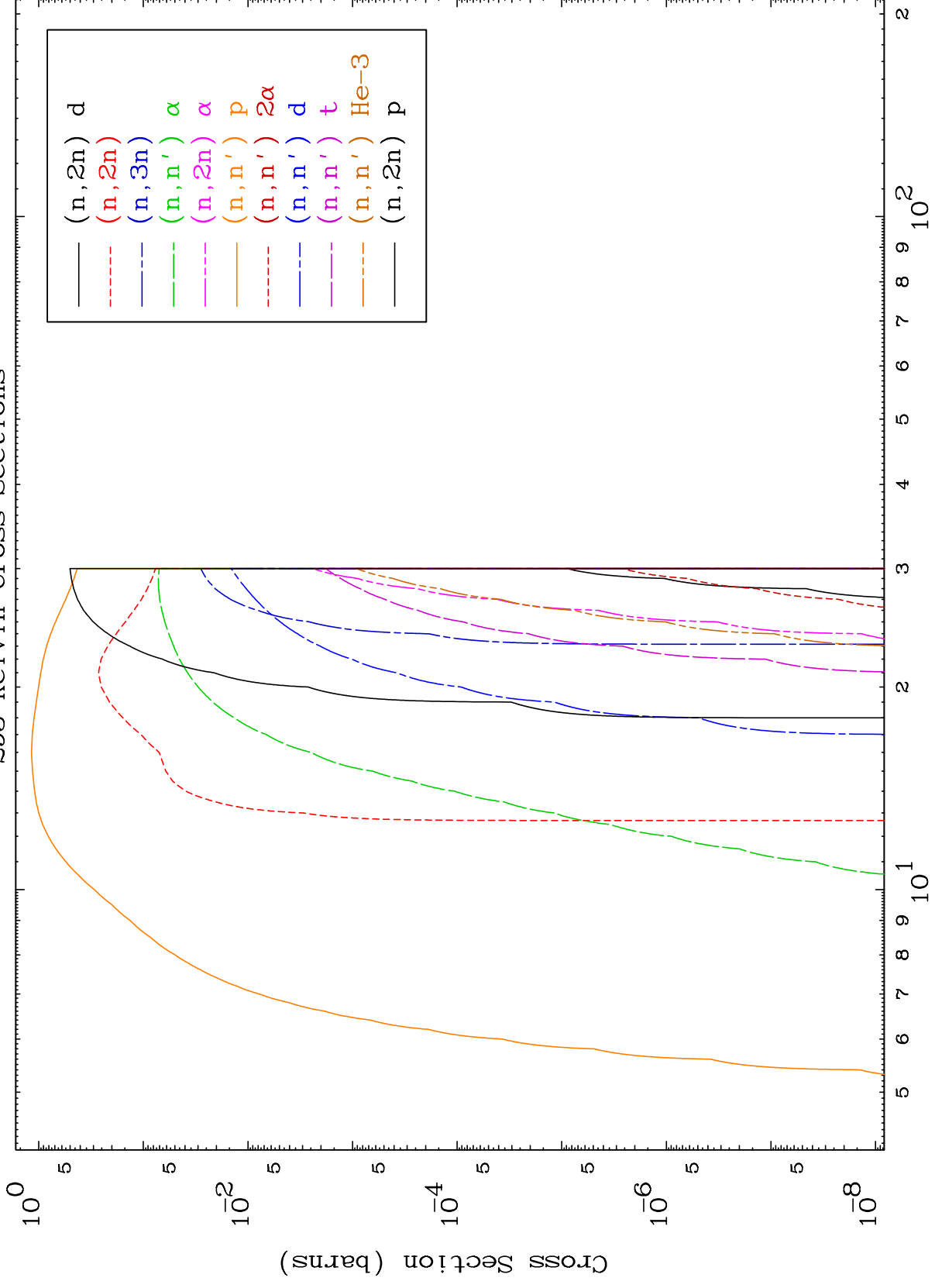
Press Mouse Button to Start

MAT 4113

Neutron Major
293 Kelvin Cross Sections

41-Nb-89

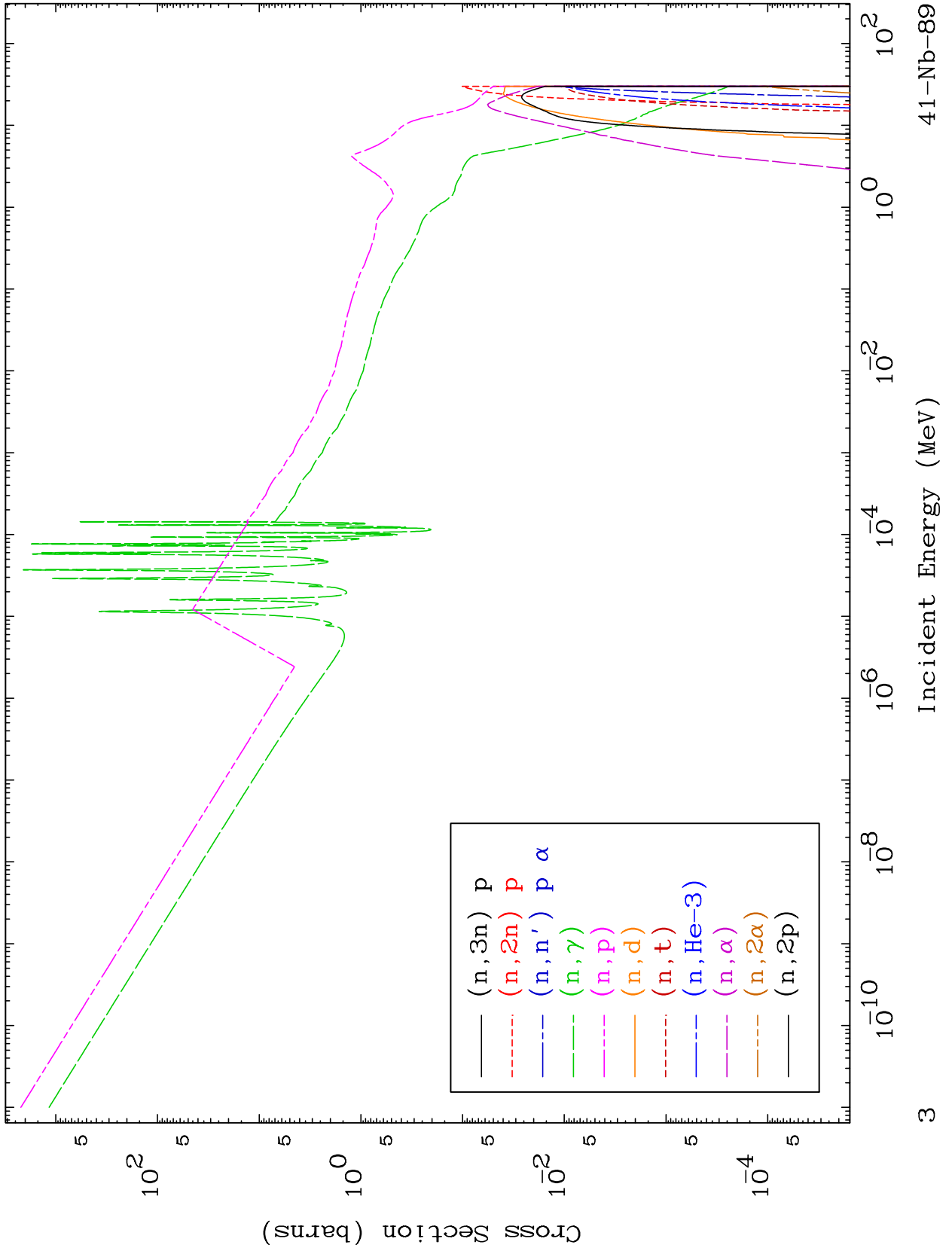




MAT 4113

Neutron Absorption
293 Kelvin Cross Sections

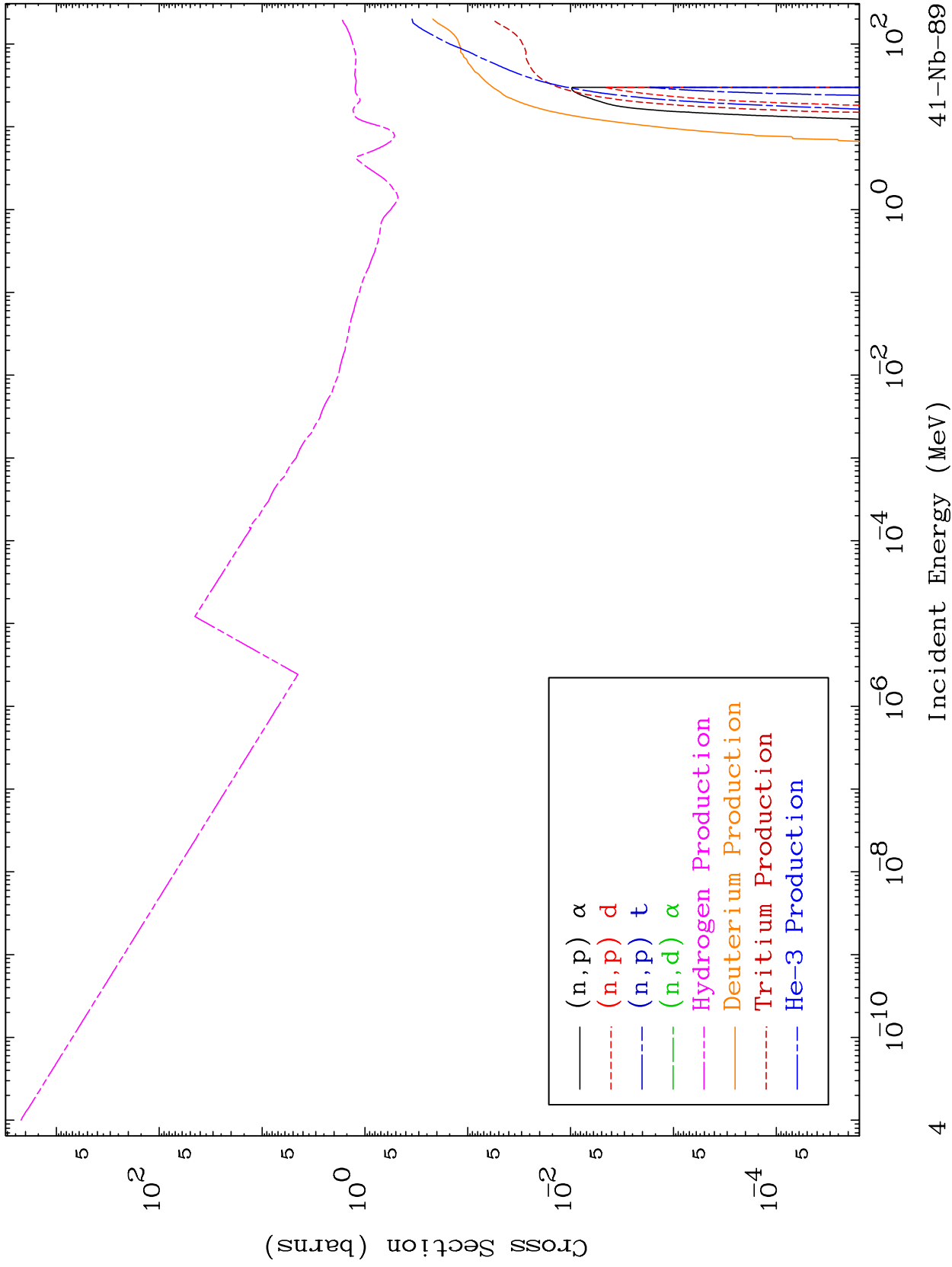
41-Nb-89



MAT 4113

Neutron Absorption
293 Kelvin Cross Sections

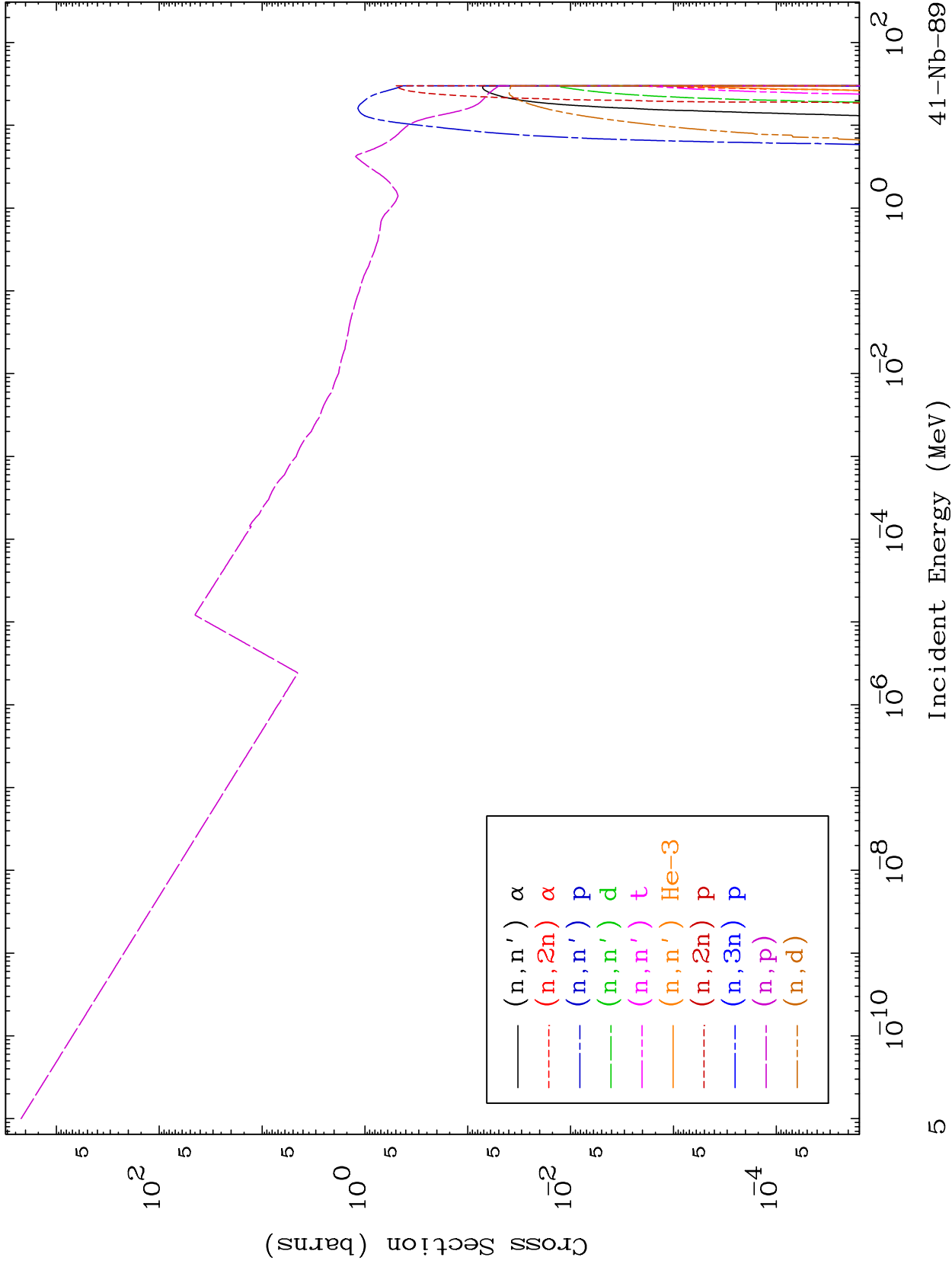
41-Nb-89



MAT 4113

Charged Particle
293 Kelvin Cross Sections

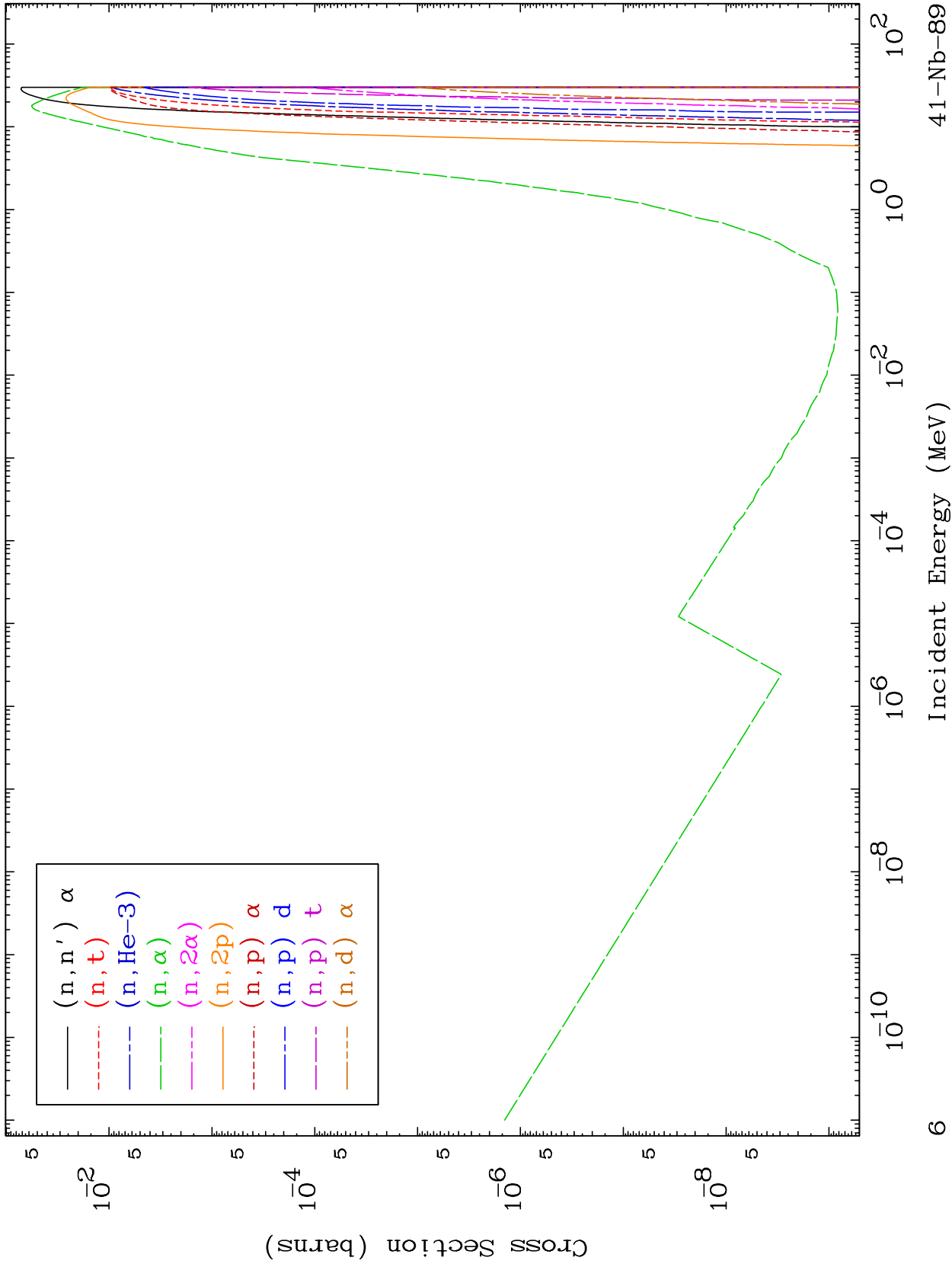
41-Nb-89



MAT 4113

Charged Particle
293 Kelvin Cross Sections

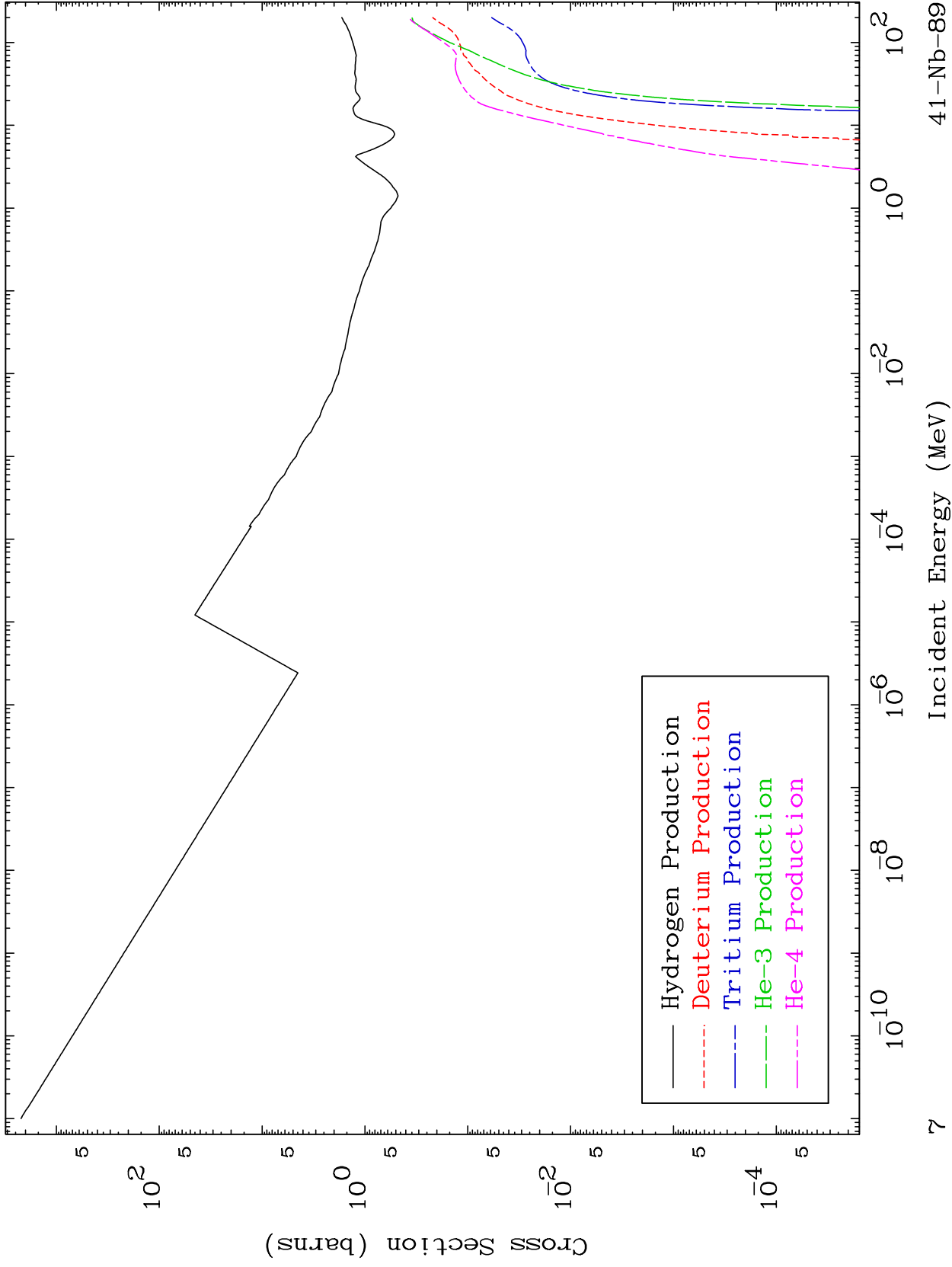
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MAT 4113

Particle Production
293 Kelvin Cross Sections

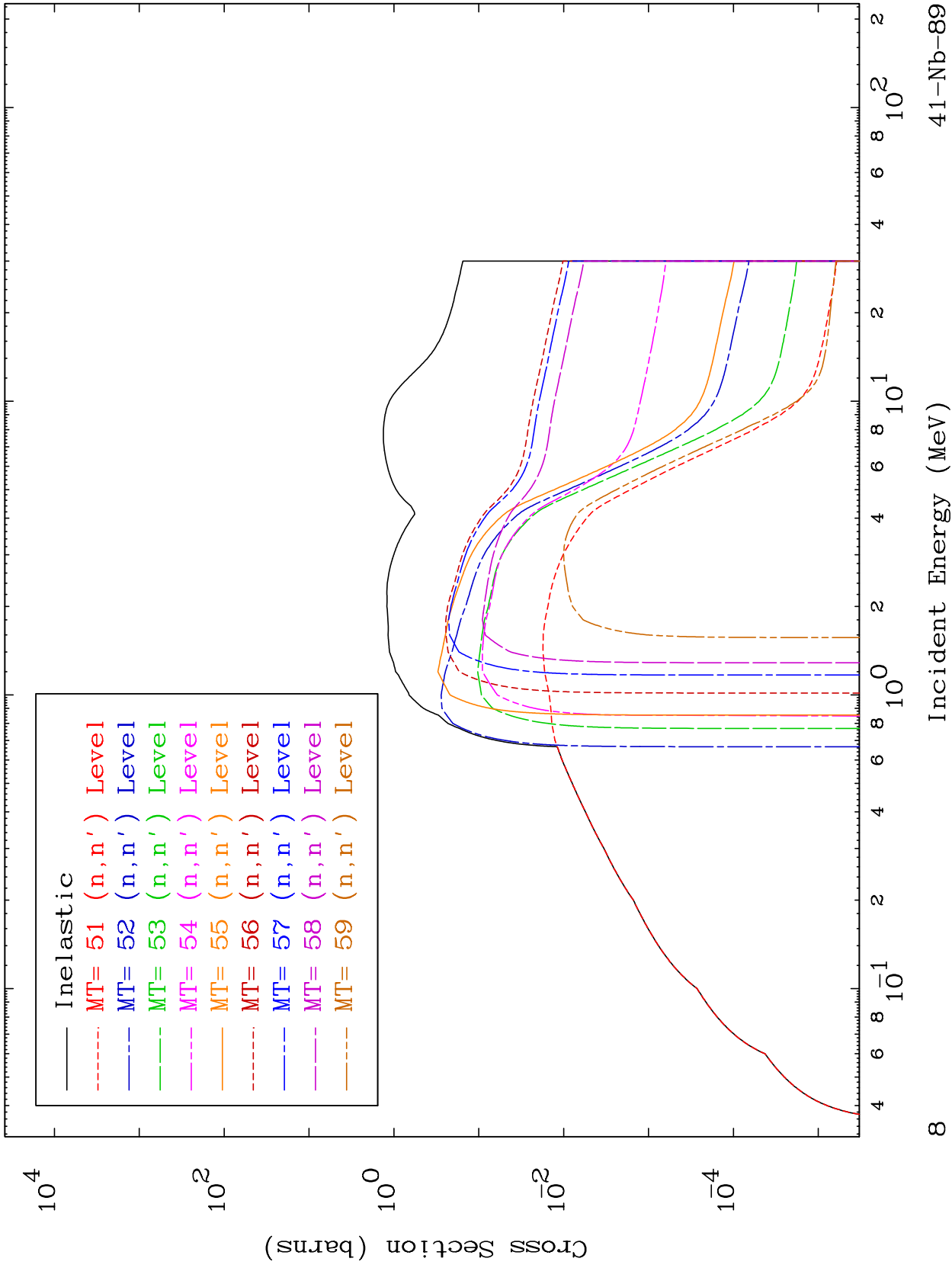
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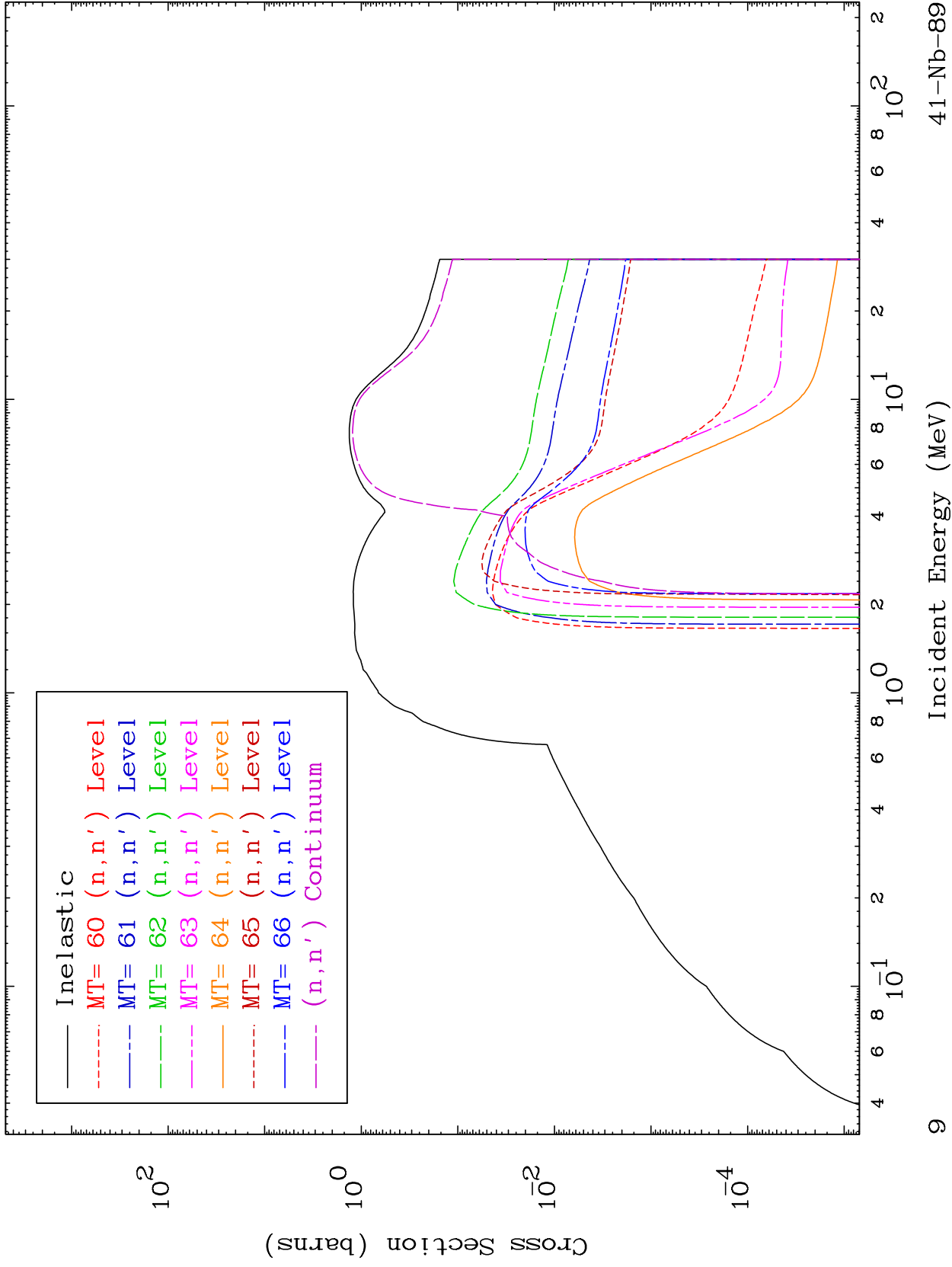


MAT 4113

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-89

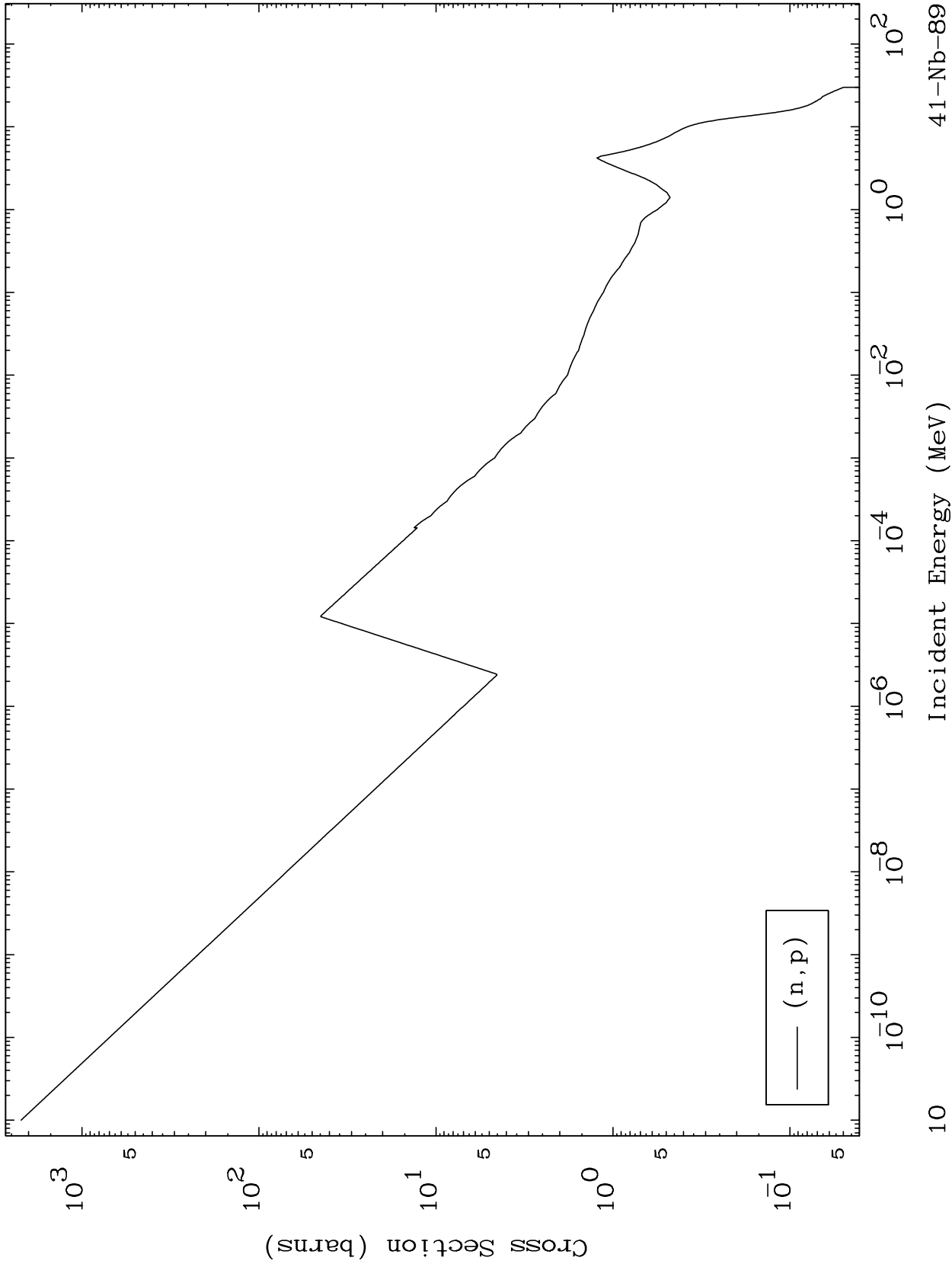




MAT 4113

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-89



10

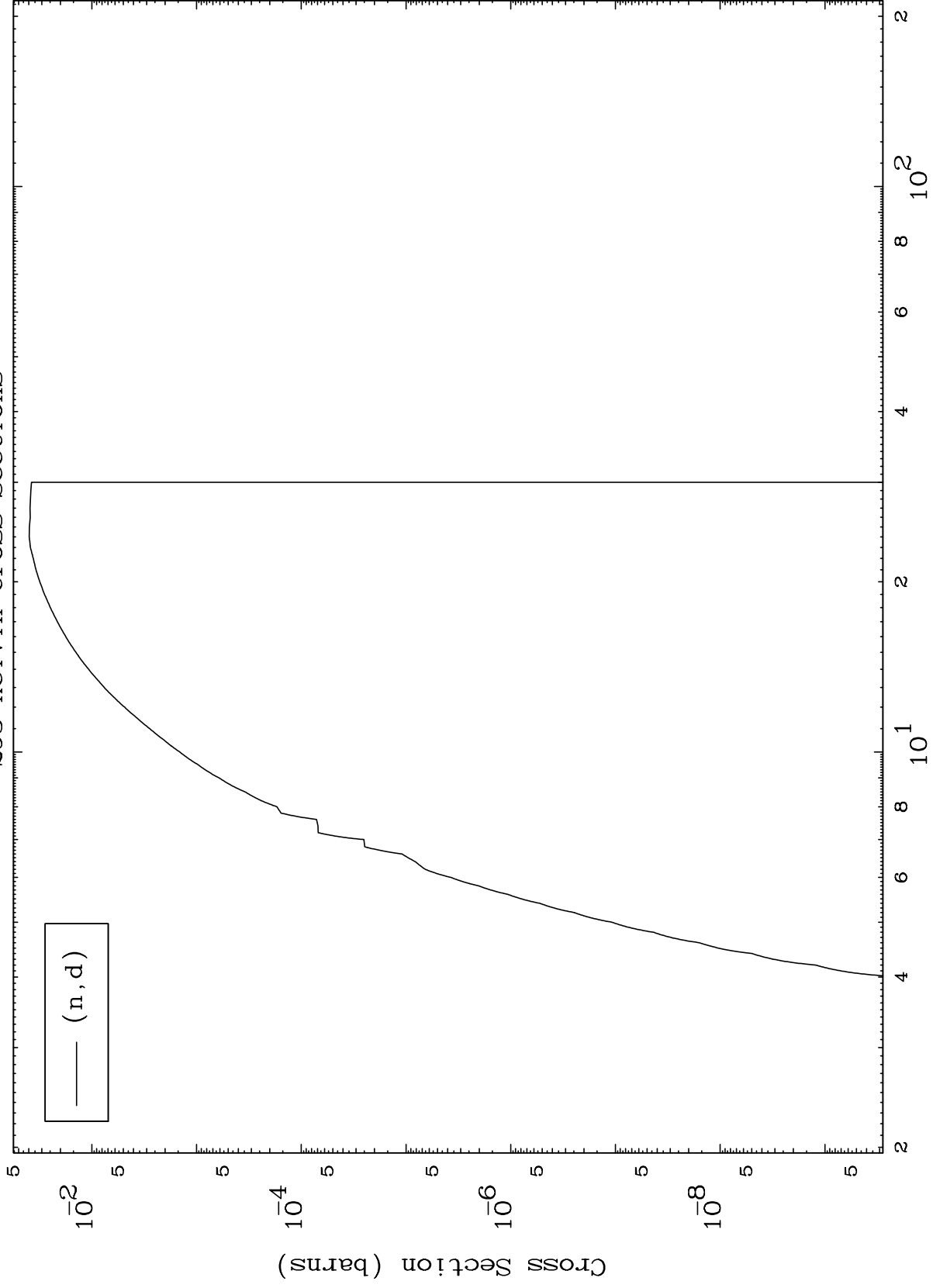
Incident Energy (MeV)

41-Nb-89

MAT 4113

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-89



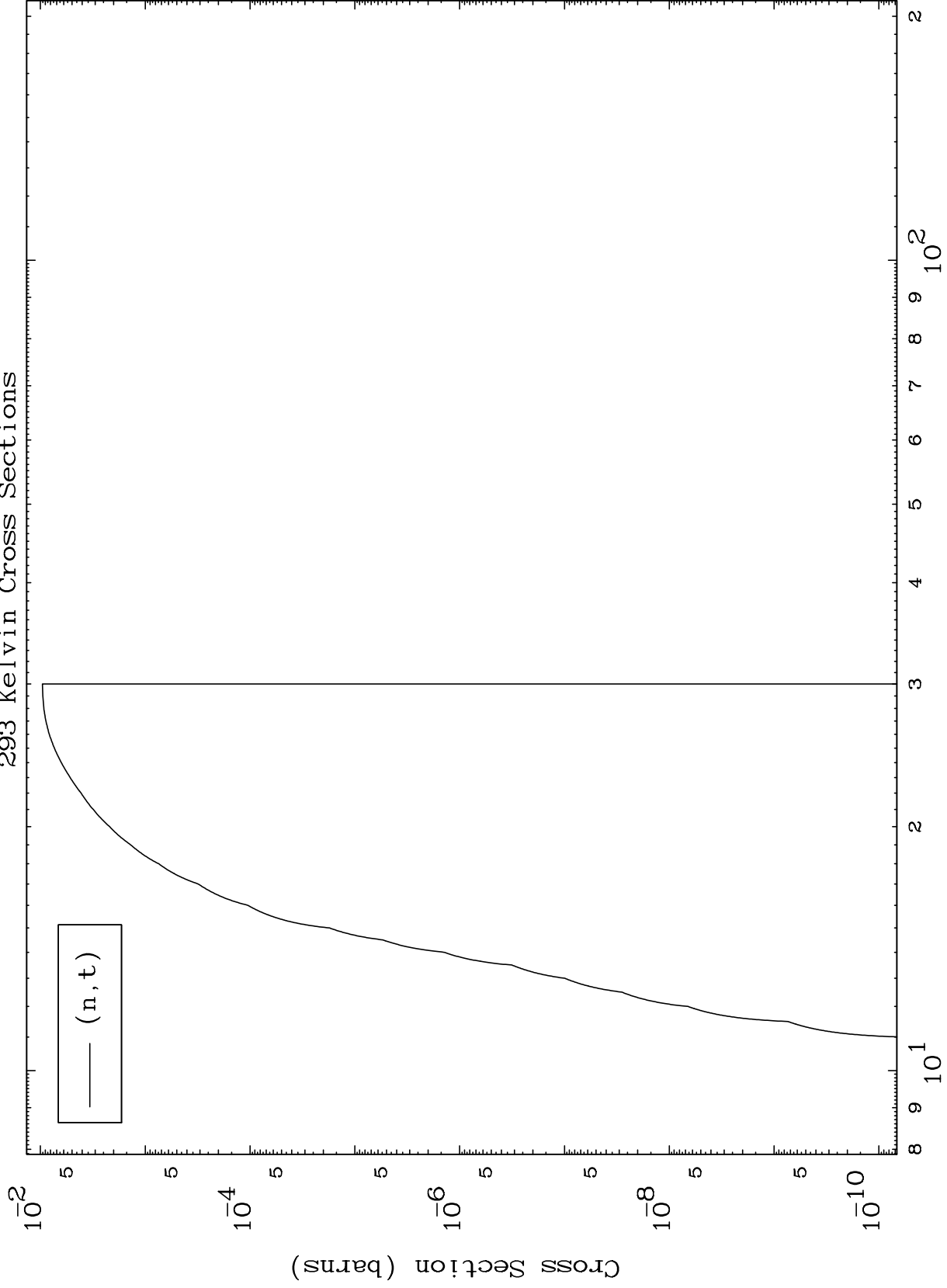
11

41-Nb-89

MAT 4113

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-89



12

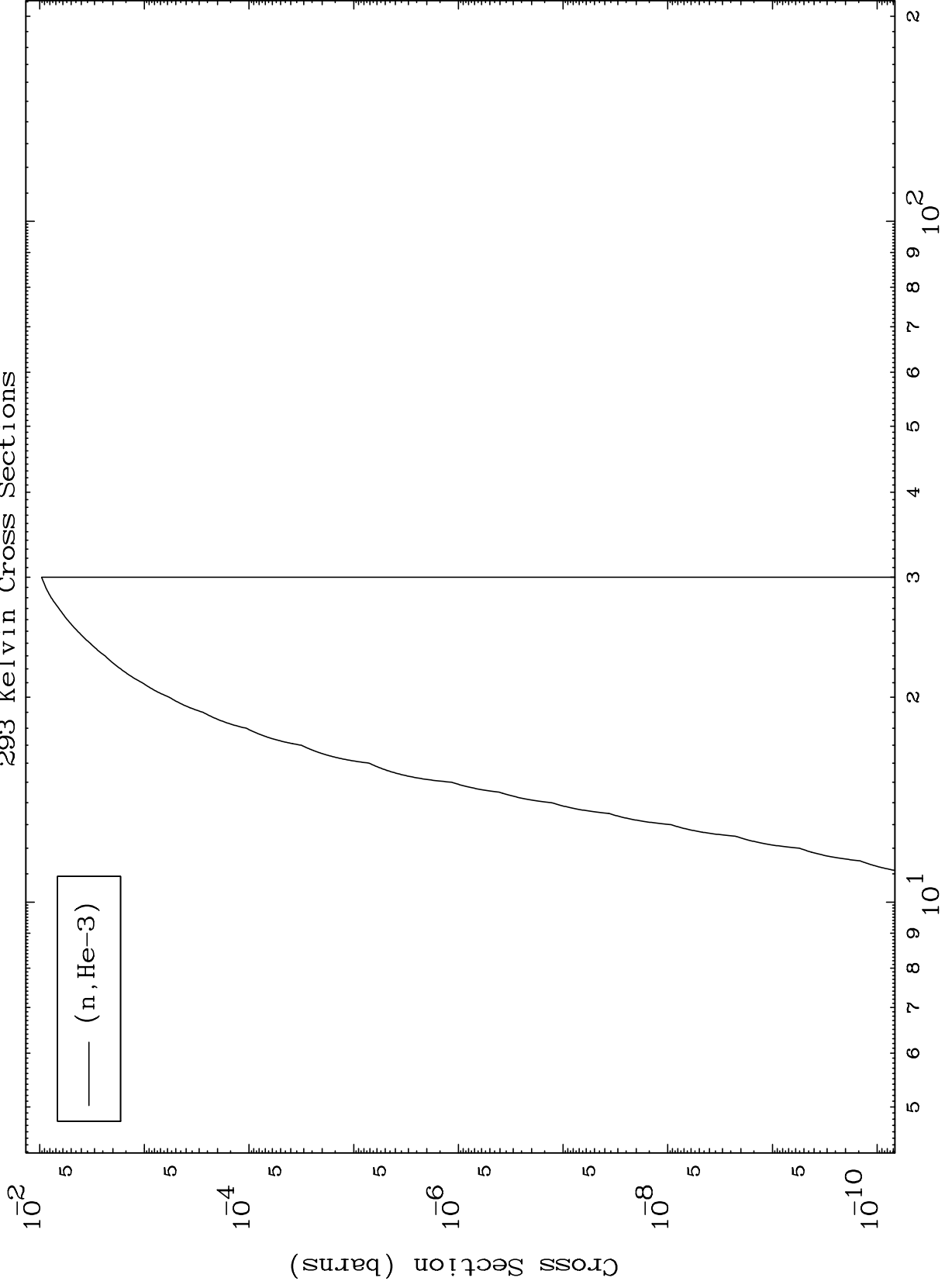
Incident Energy (MeV)

41-Nb-89

MAT 4113

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-89



13

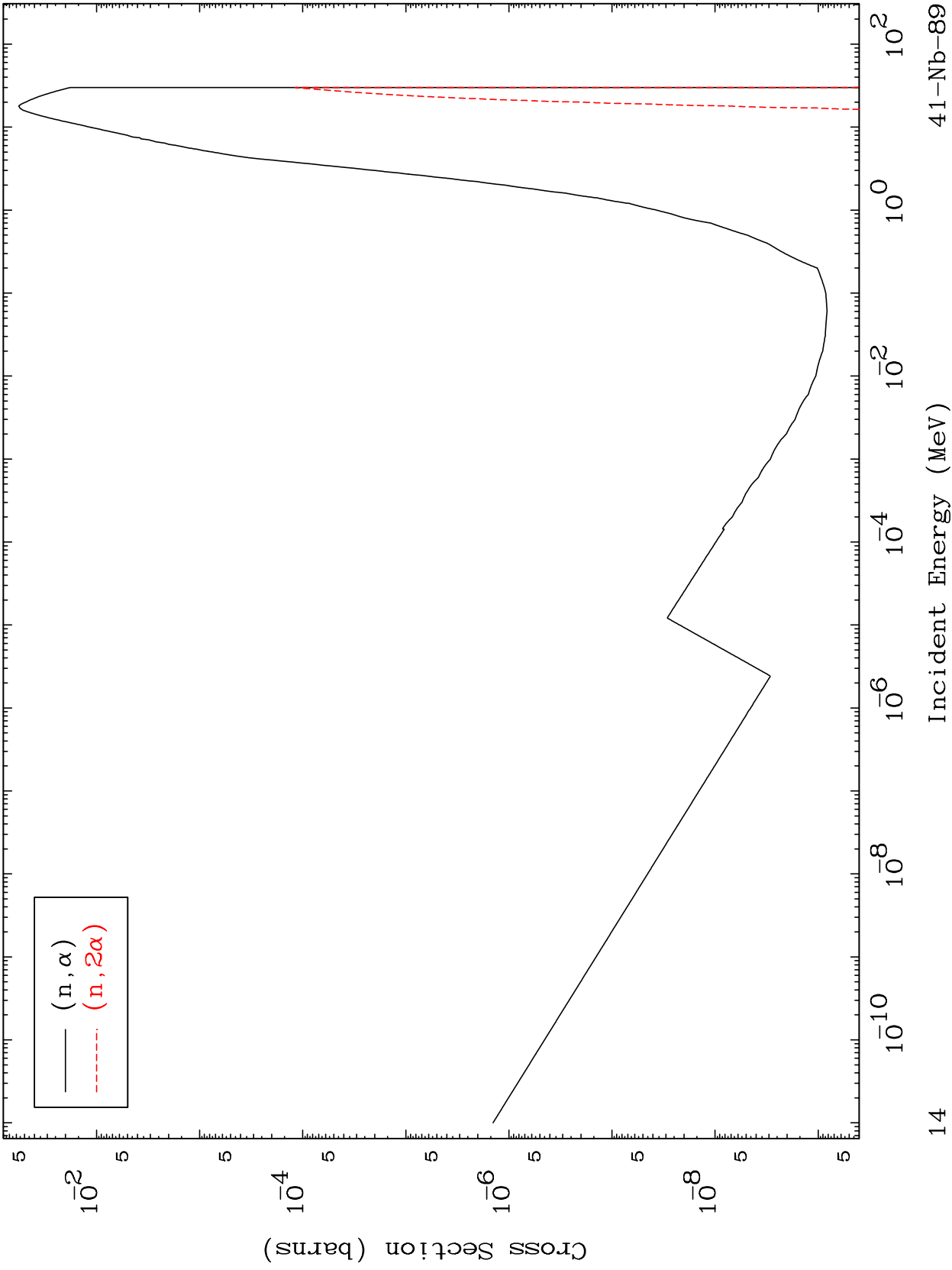
Incident Energy (MeV)

41-Nb-89

MAT 4113

(n, α) Levels
293 Kelvin Cross Sections

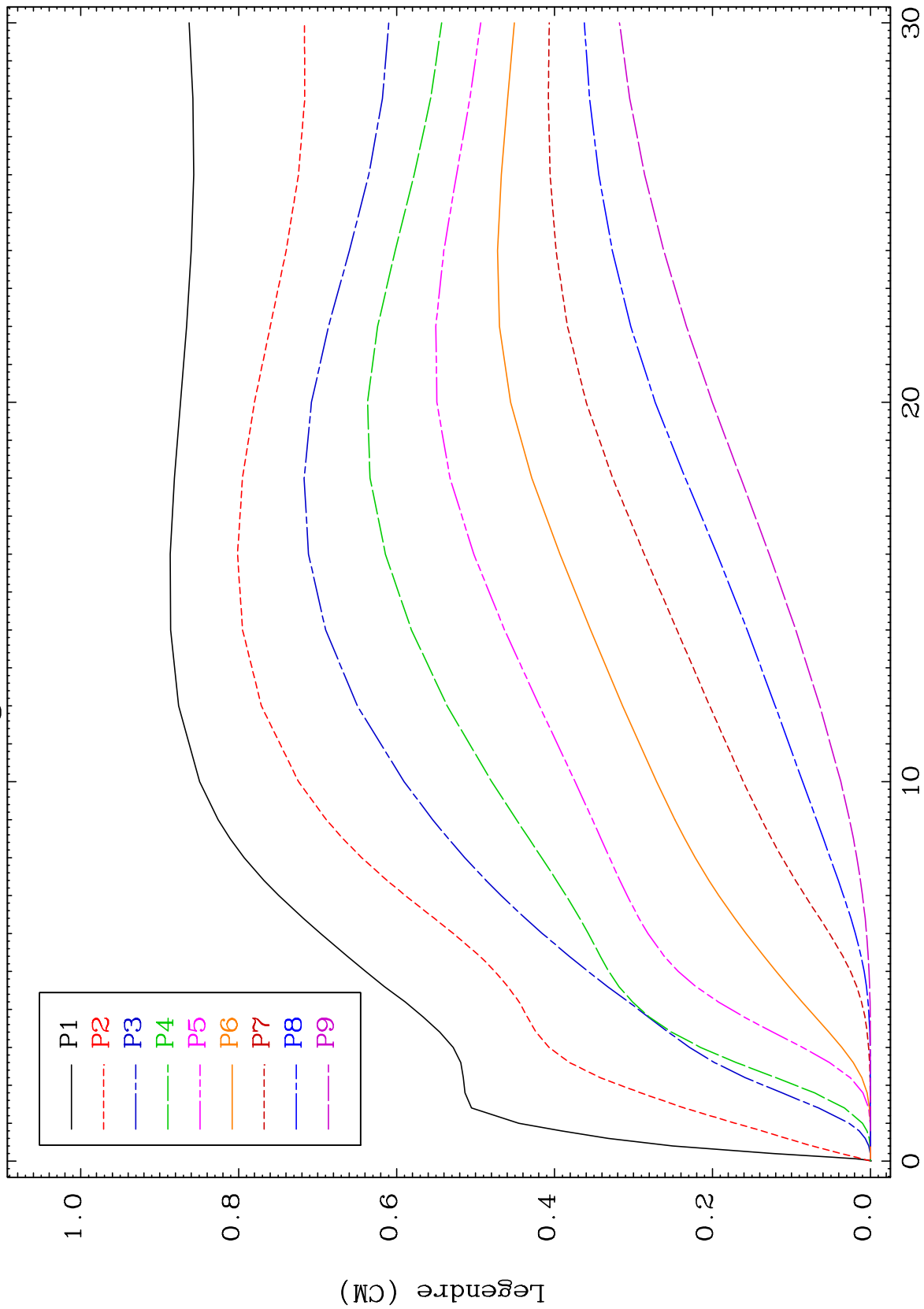
41-Nb-89



MAT 4113

Elastic Legendre Coefficients

41-Nb-89



15

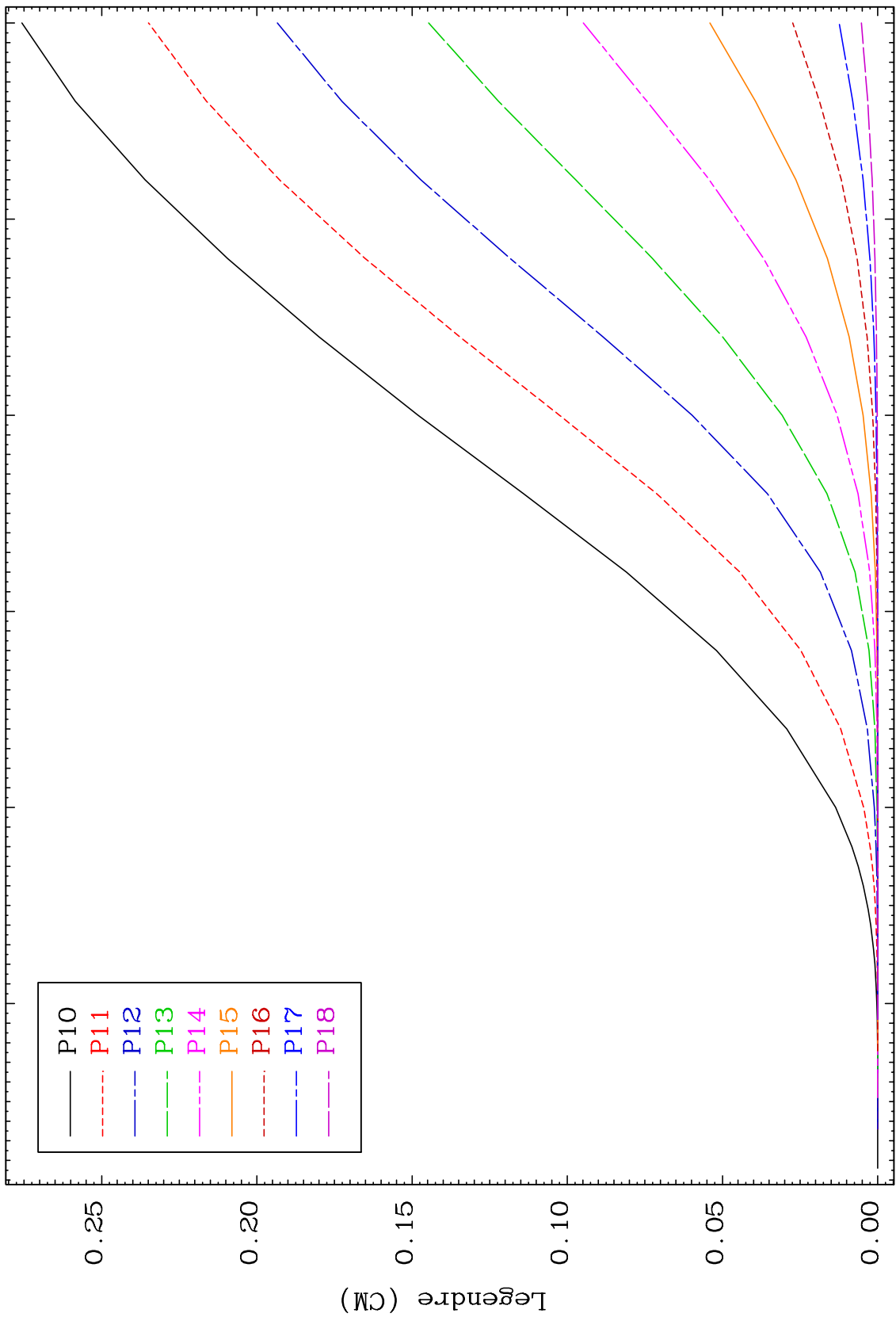
Incident Energy (MeV)

41-Nb-89

MAT 4113

Elastic Legendre Coefficients

41-Nb-89



16

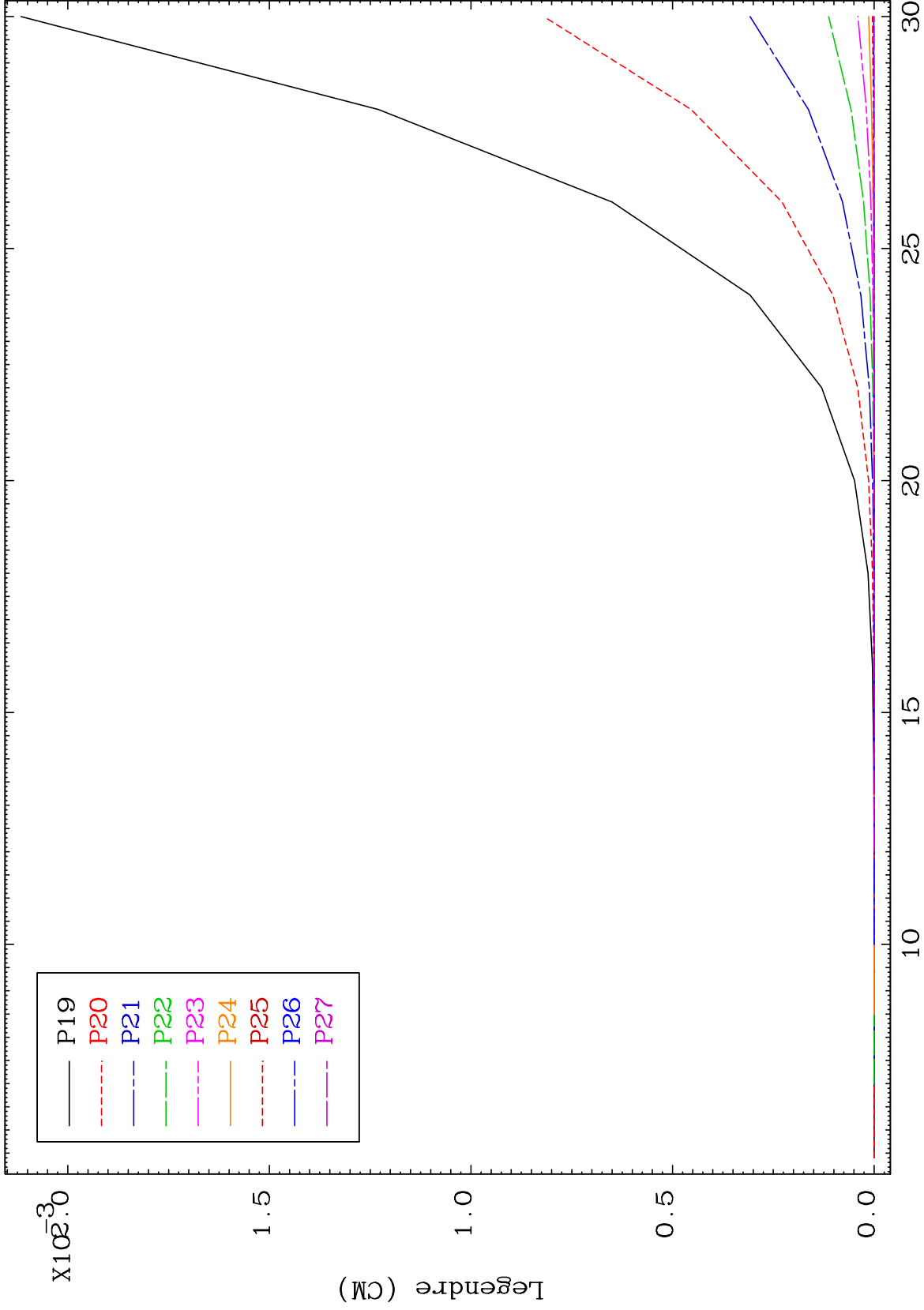
Incident Energy (MeV)

41-Nb-89

MAT 4113

Elastic Legendre Coefficients

41-Nb-89



17

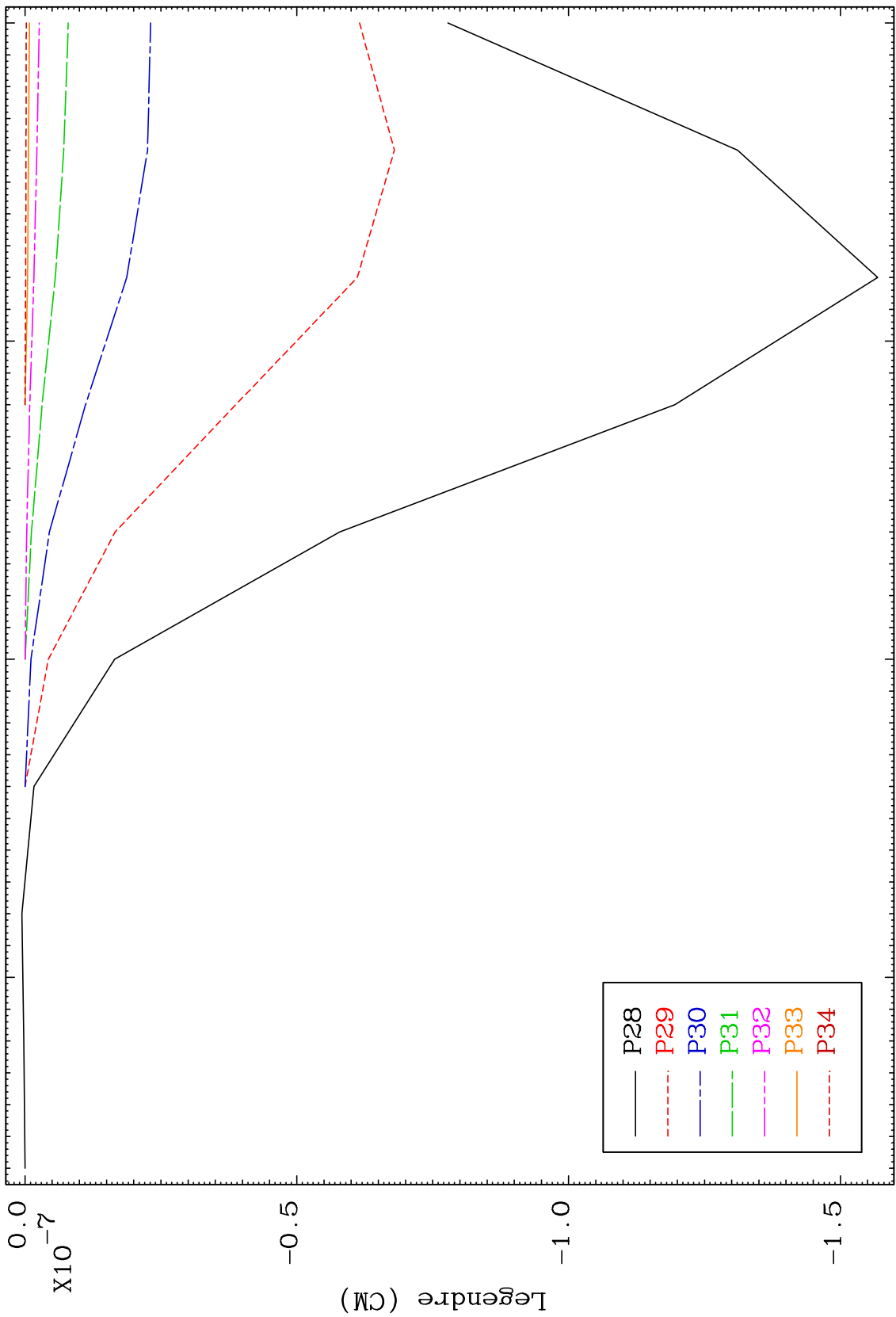
Incident Energy (MeV)

41-Nb-89

MAT 4113

41-Nb-89

Elastic Legendre Coefficients



18

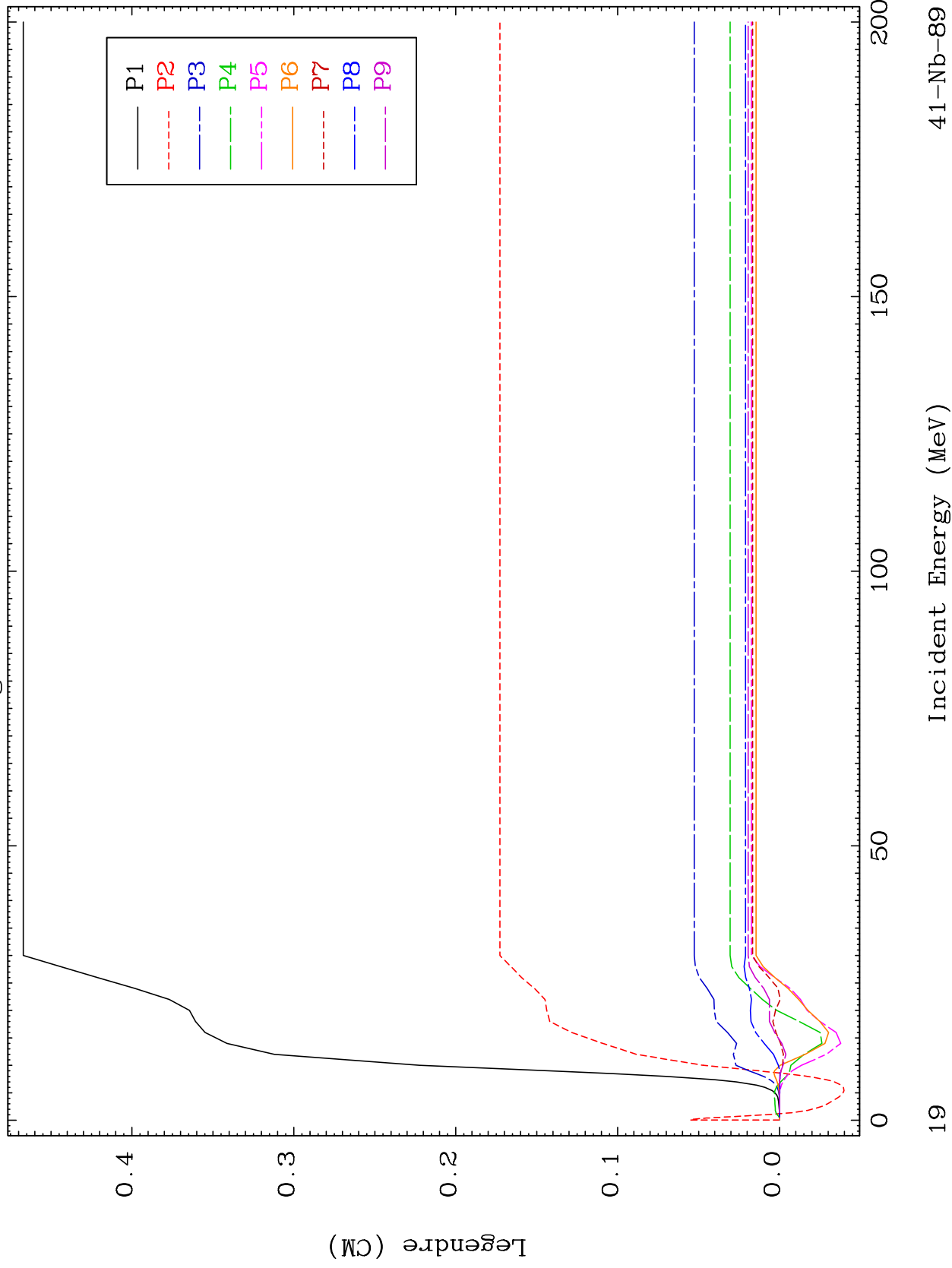
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



41-Nb-89

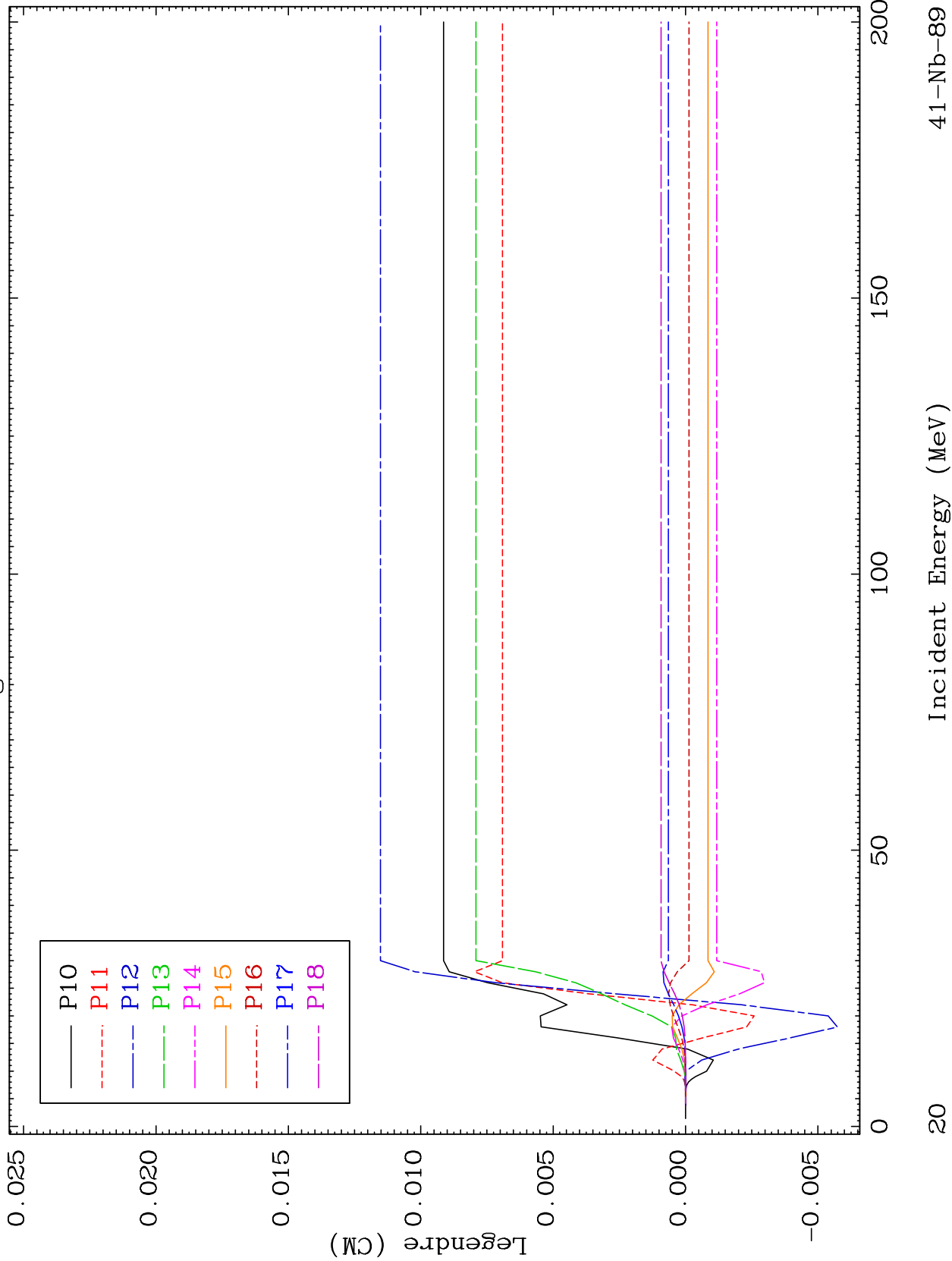
Incident Energy (MeV)

19

MAT 4113

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

41-Nb-89



41-Nb-89

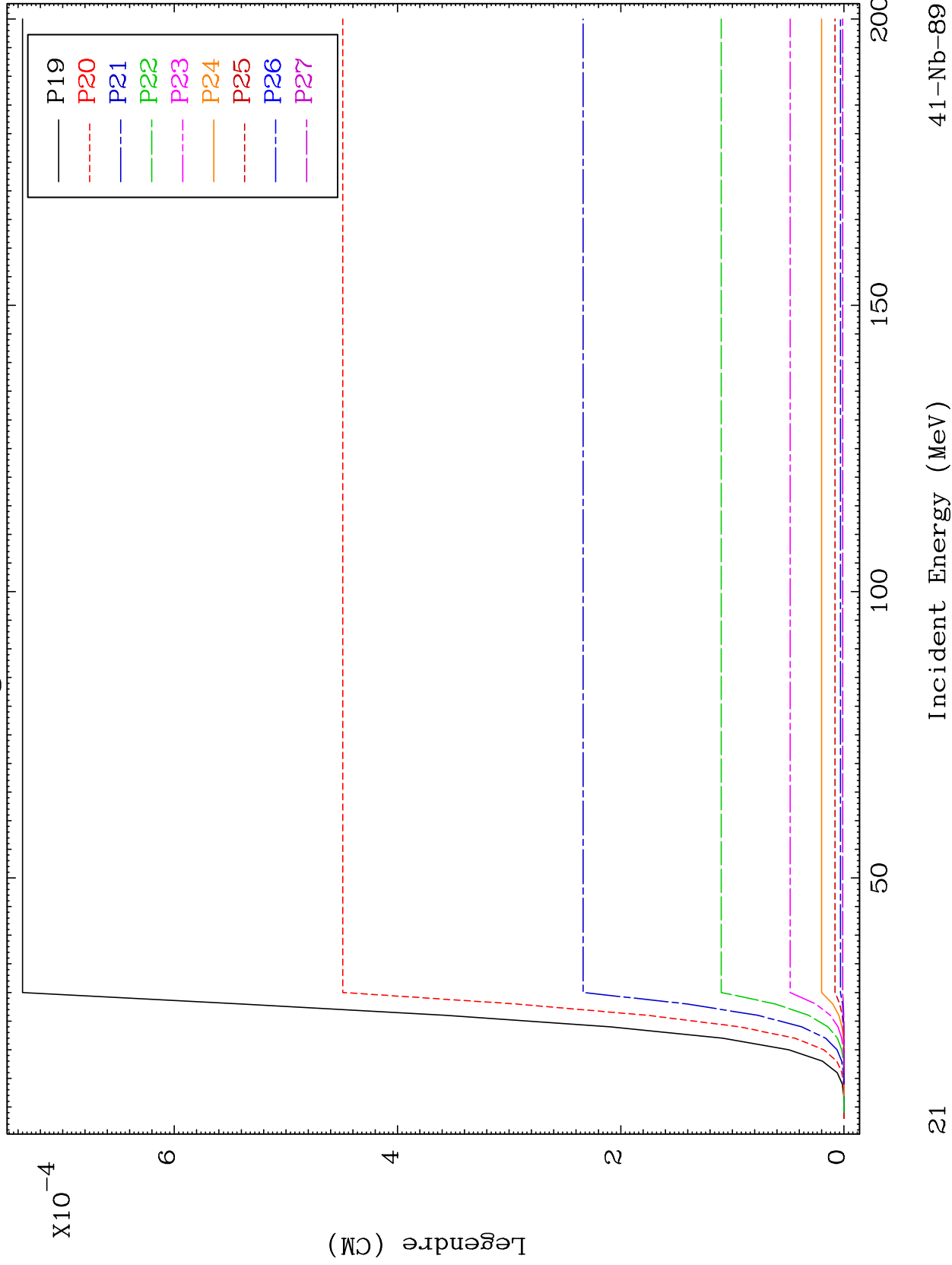
Incident Energy (MeV)

20

MAT 4113

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

41-Nb-89



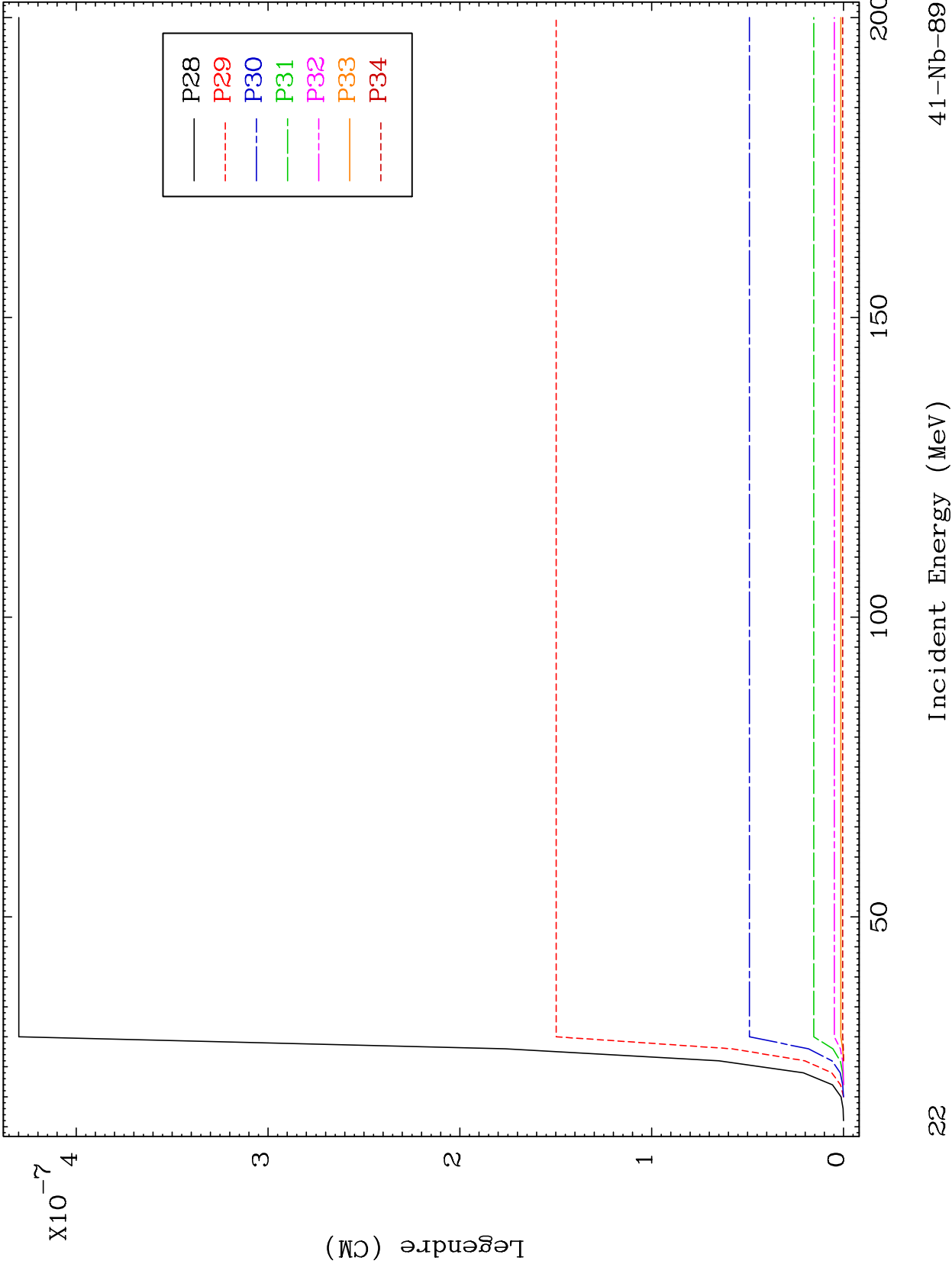
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41-Nb-89

MAT 4113

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

41-Nb-89



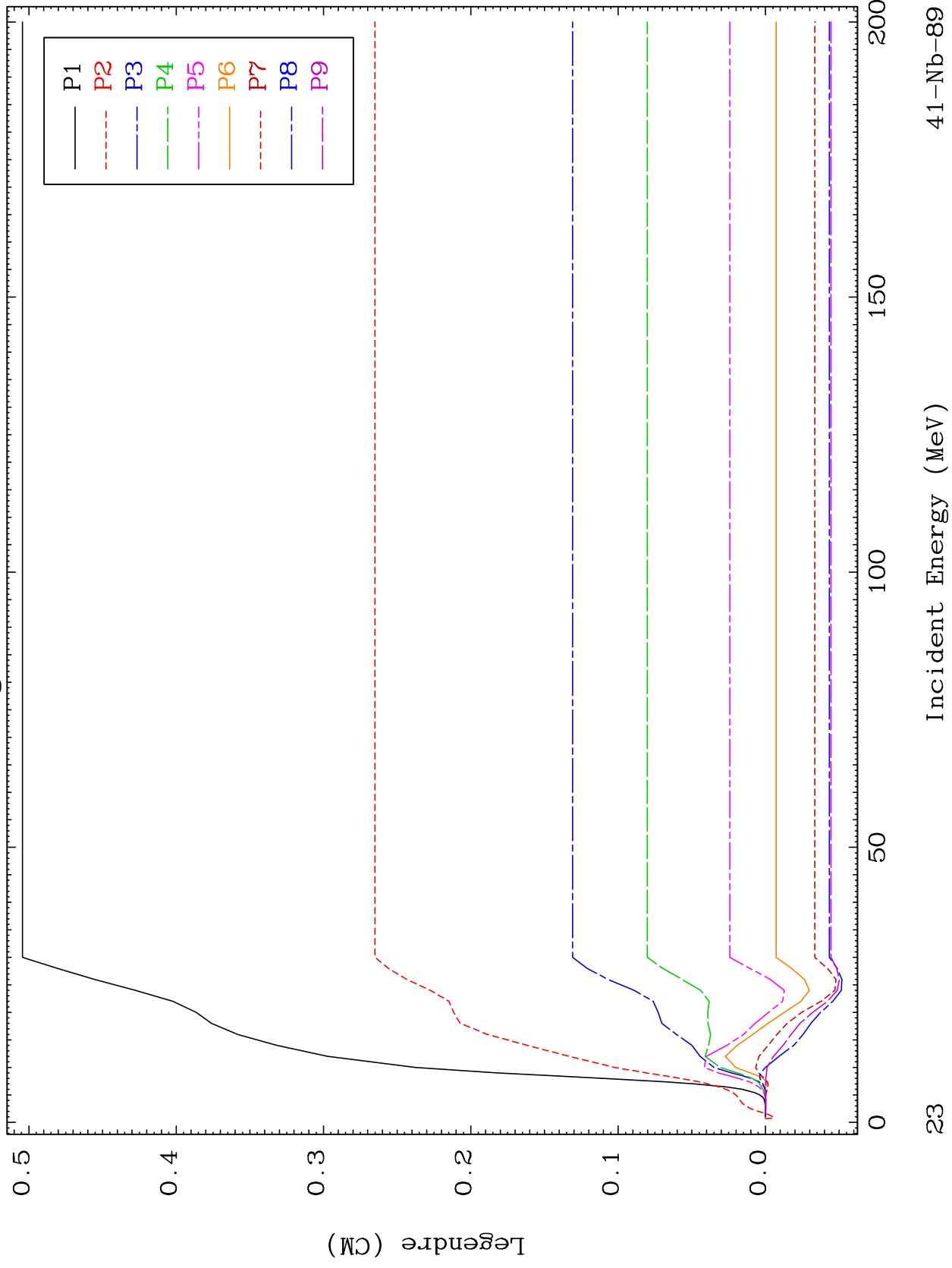
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41-Nb-89

MAT 4113

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

41-Nb-89



41-Nb-89

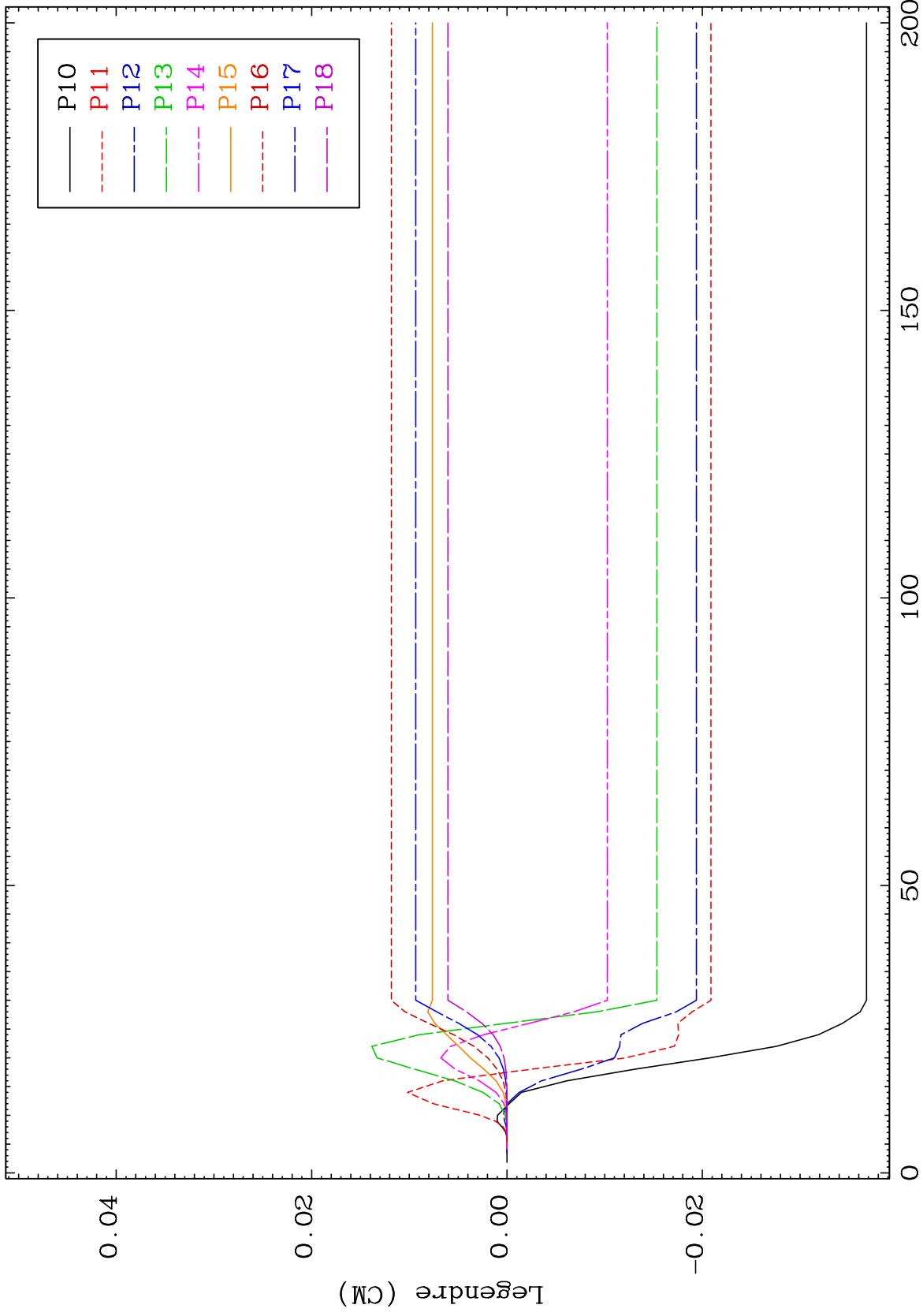
Incident Energy (MeV)

23

MAT 4113

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

41-Nb-89



24

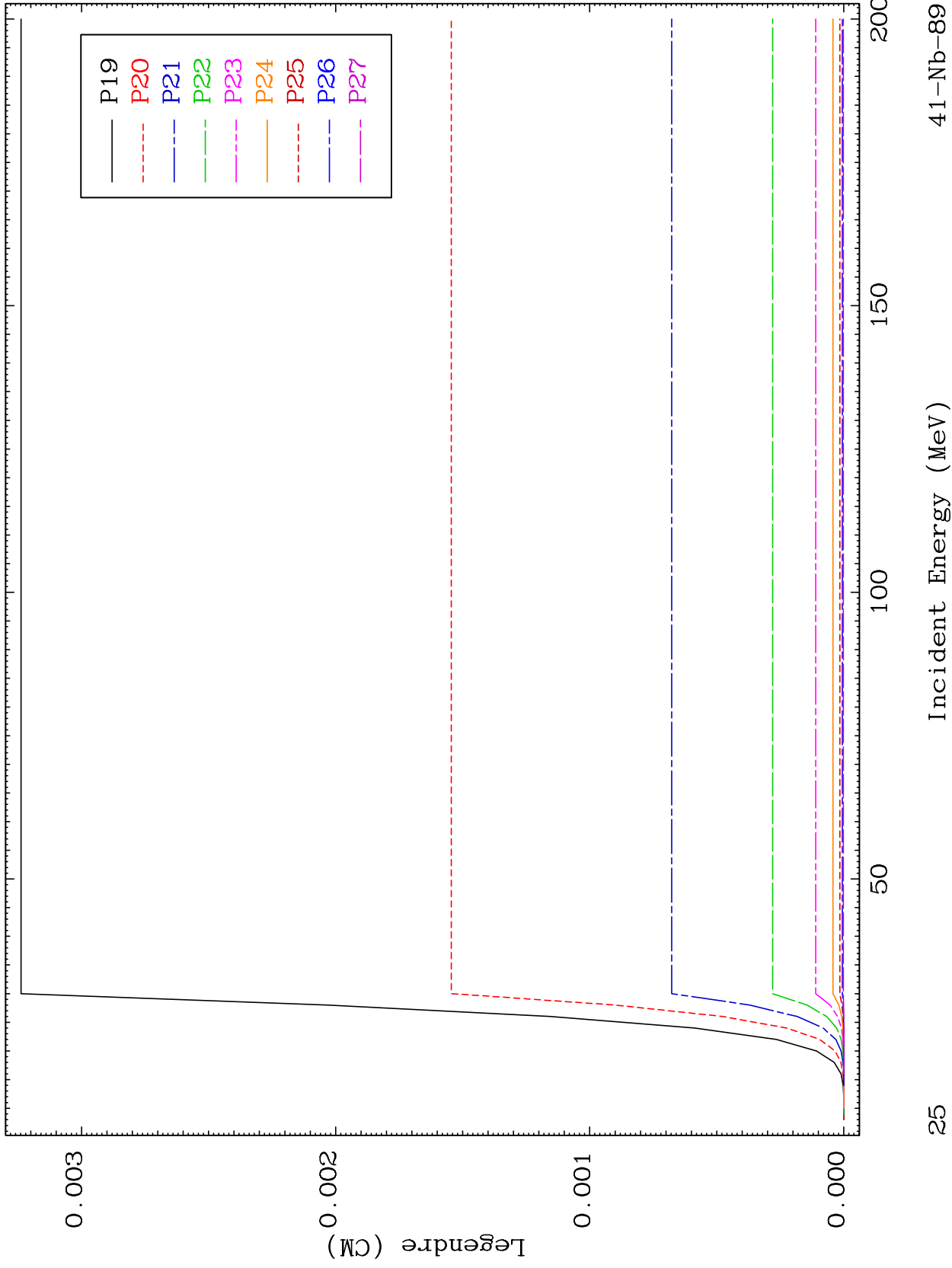
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



25

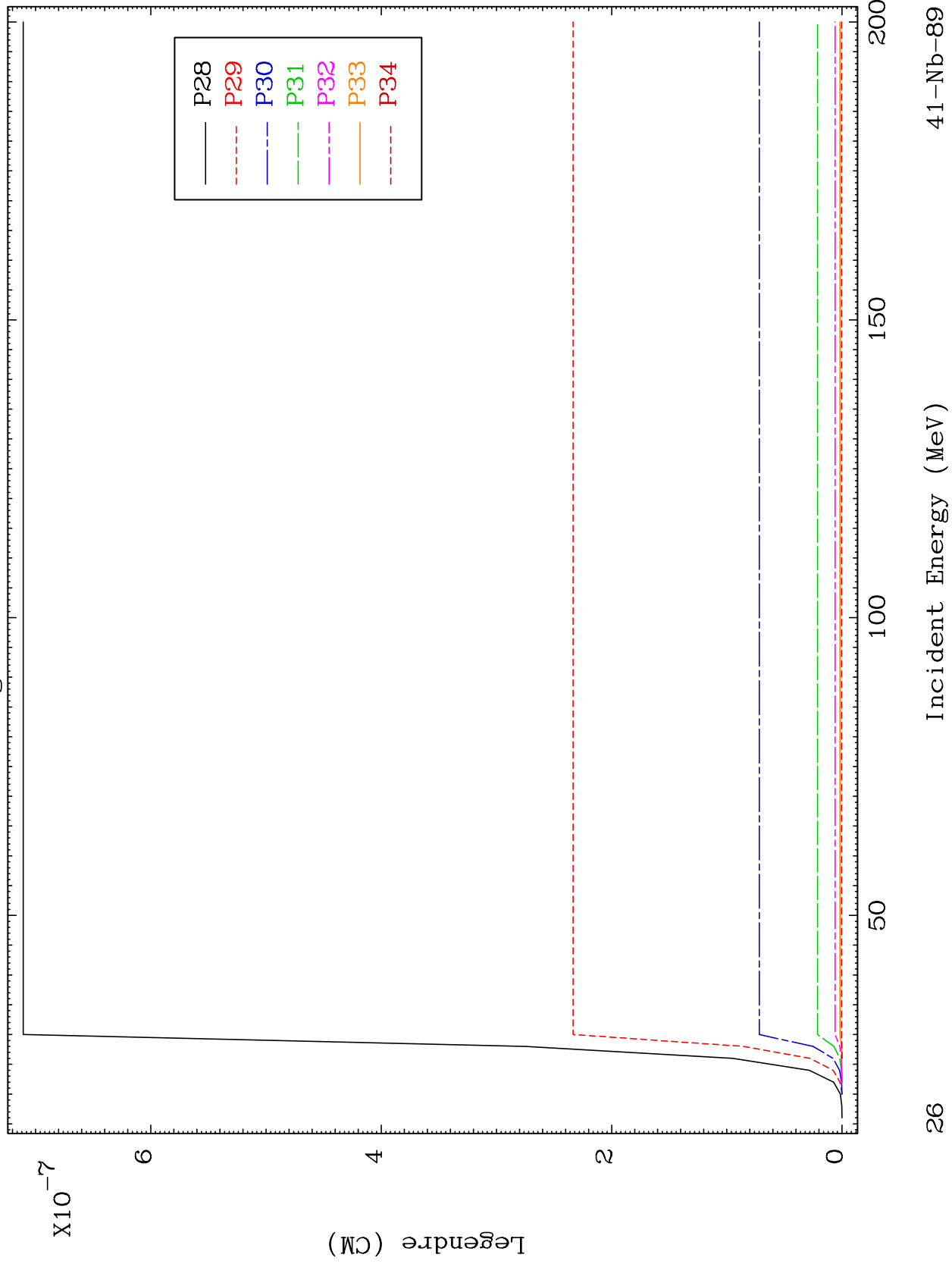
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



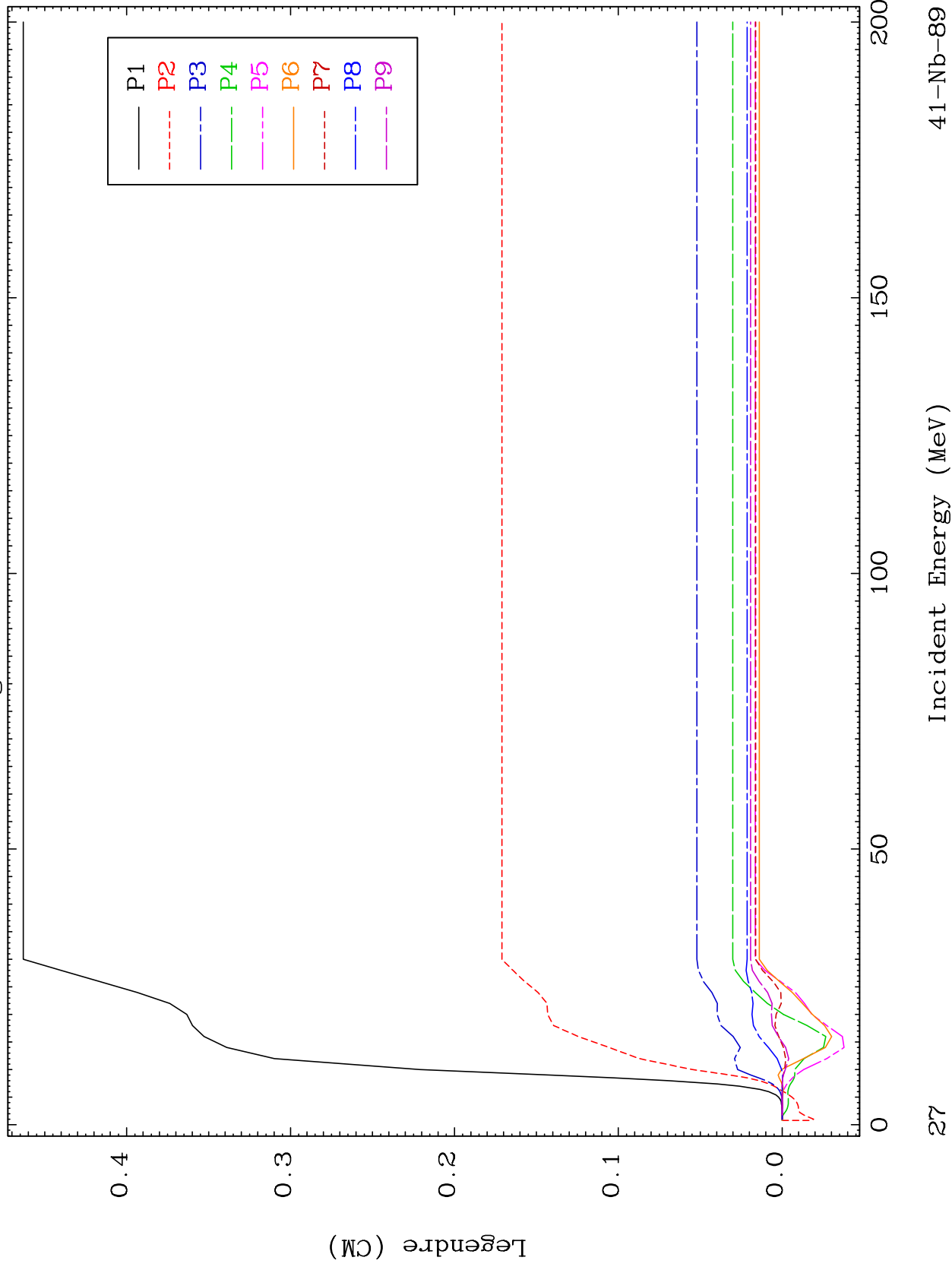
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41-Nb-89

MAT 4113

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

41-Nb-89



27

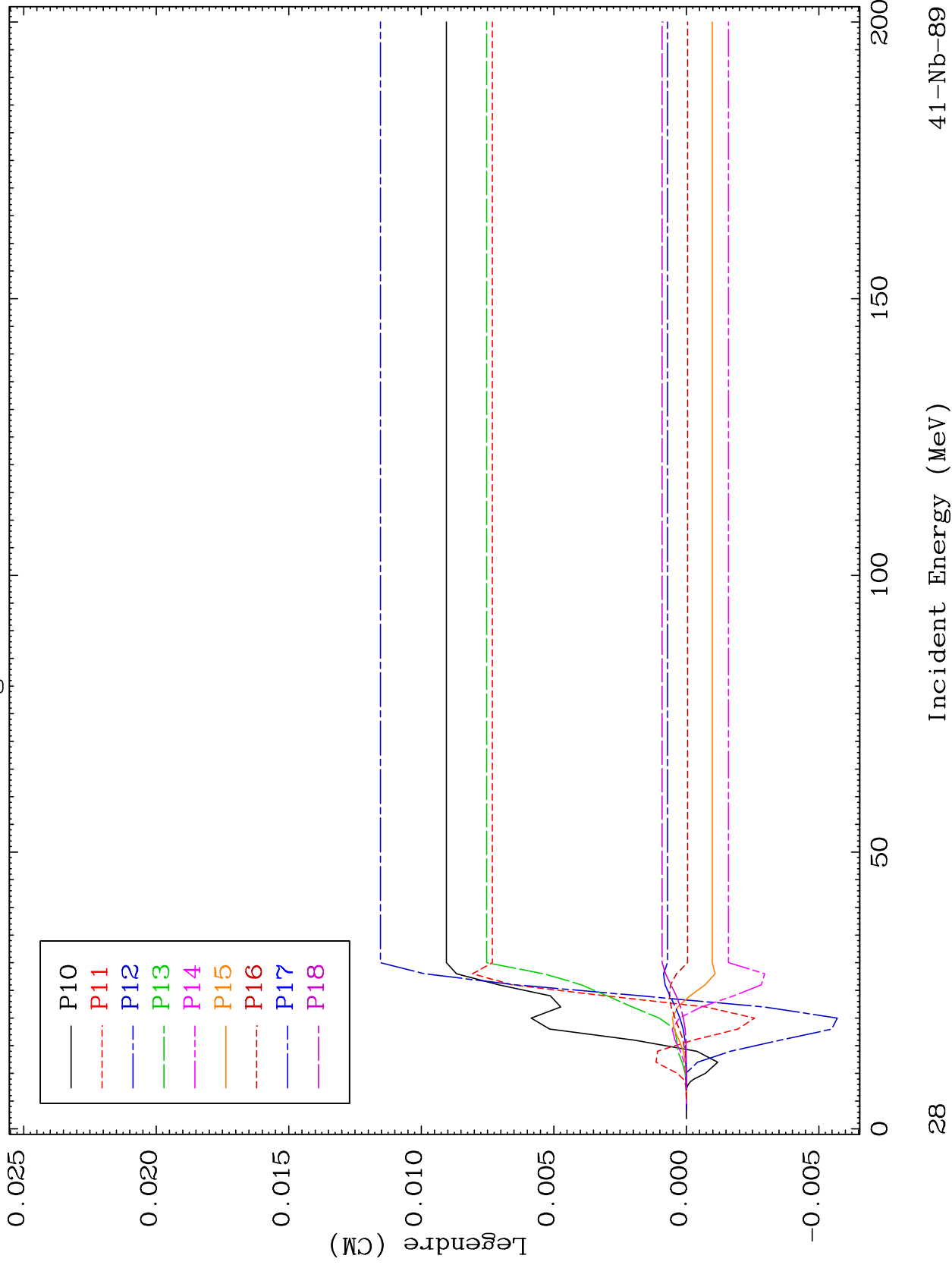
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



28

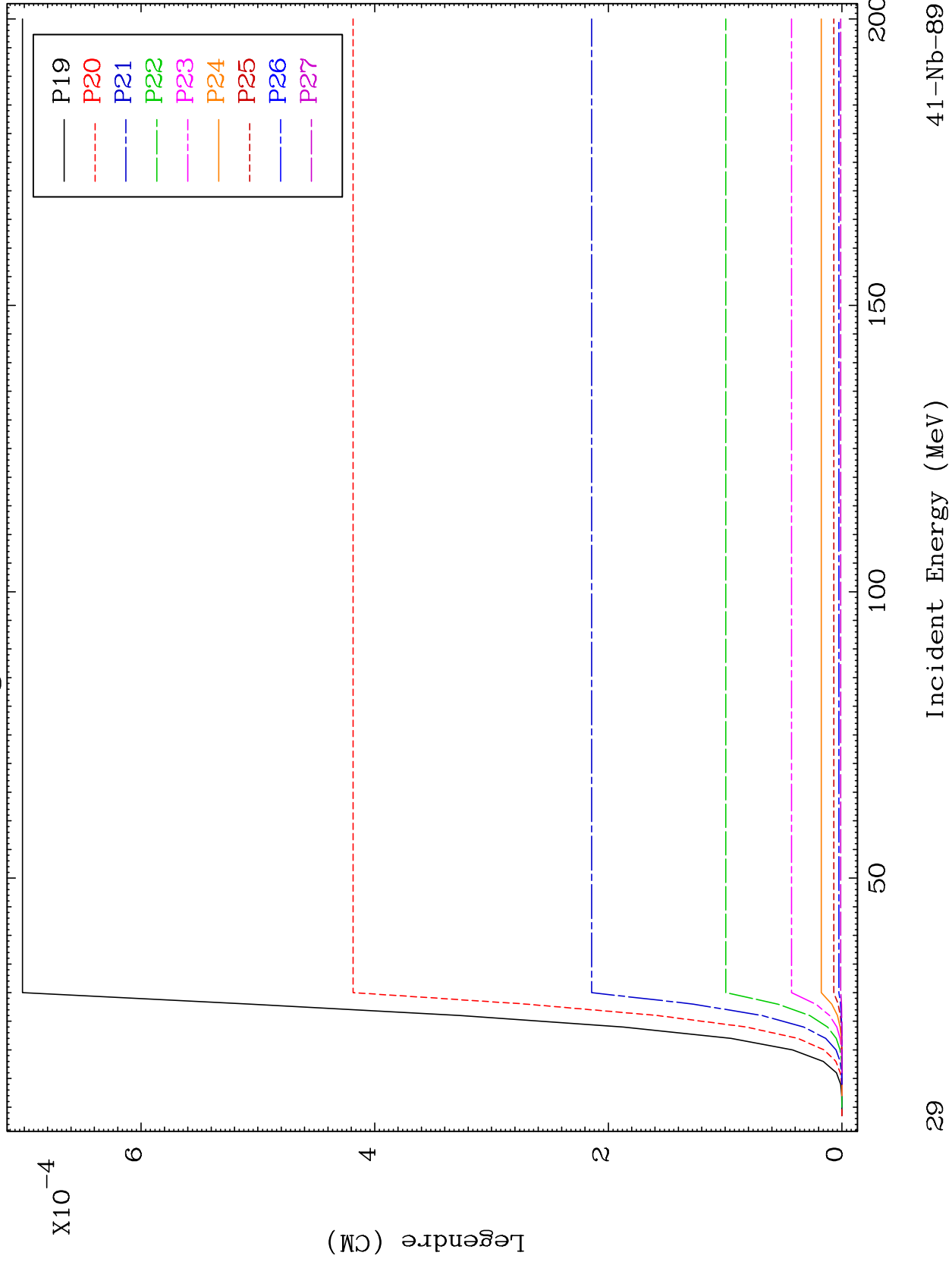
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



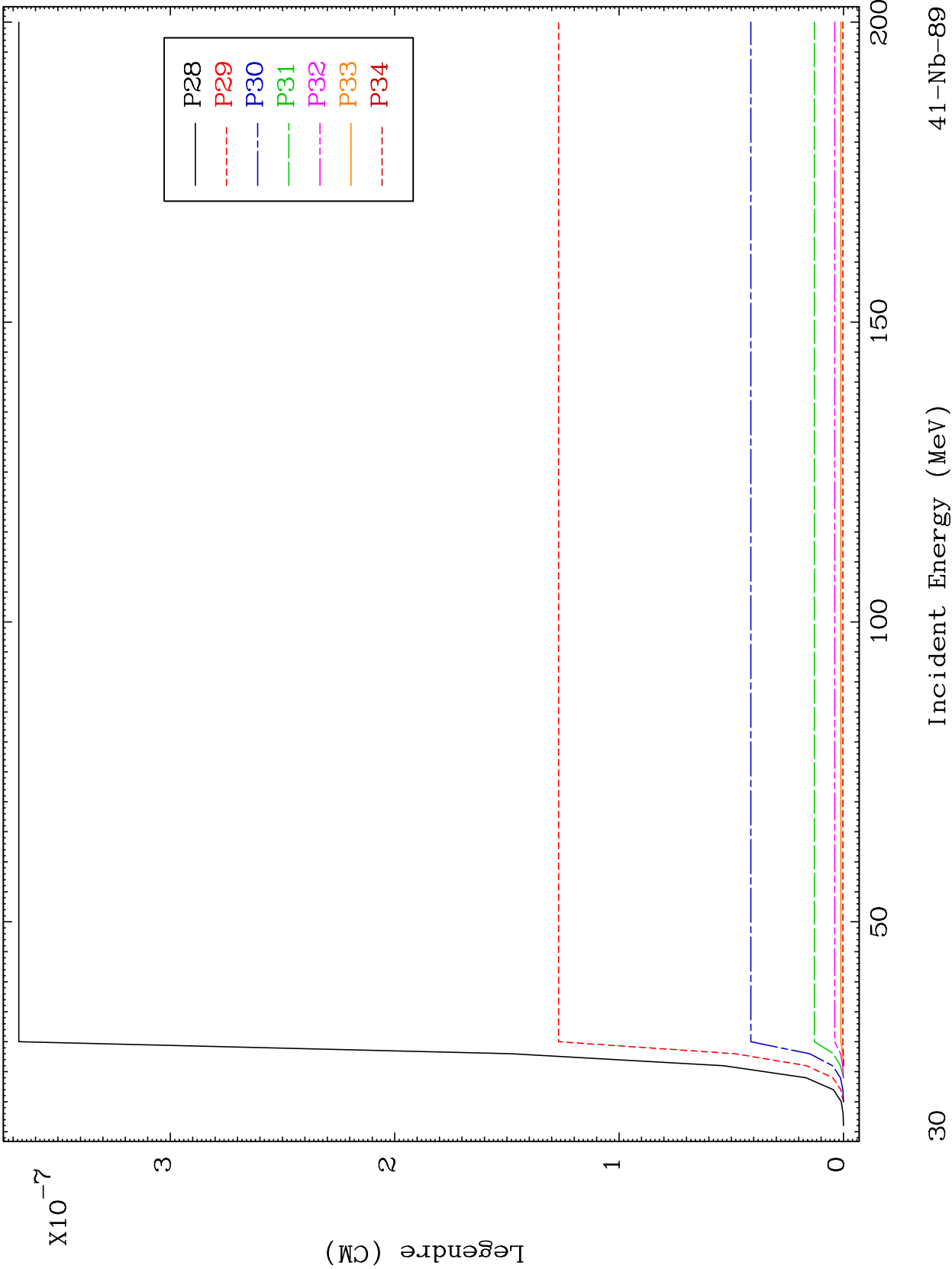
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41-Nb-89

MAT 4113

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

41-Nb-89



30

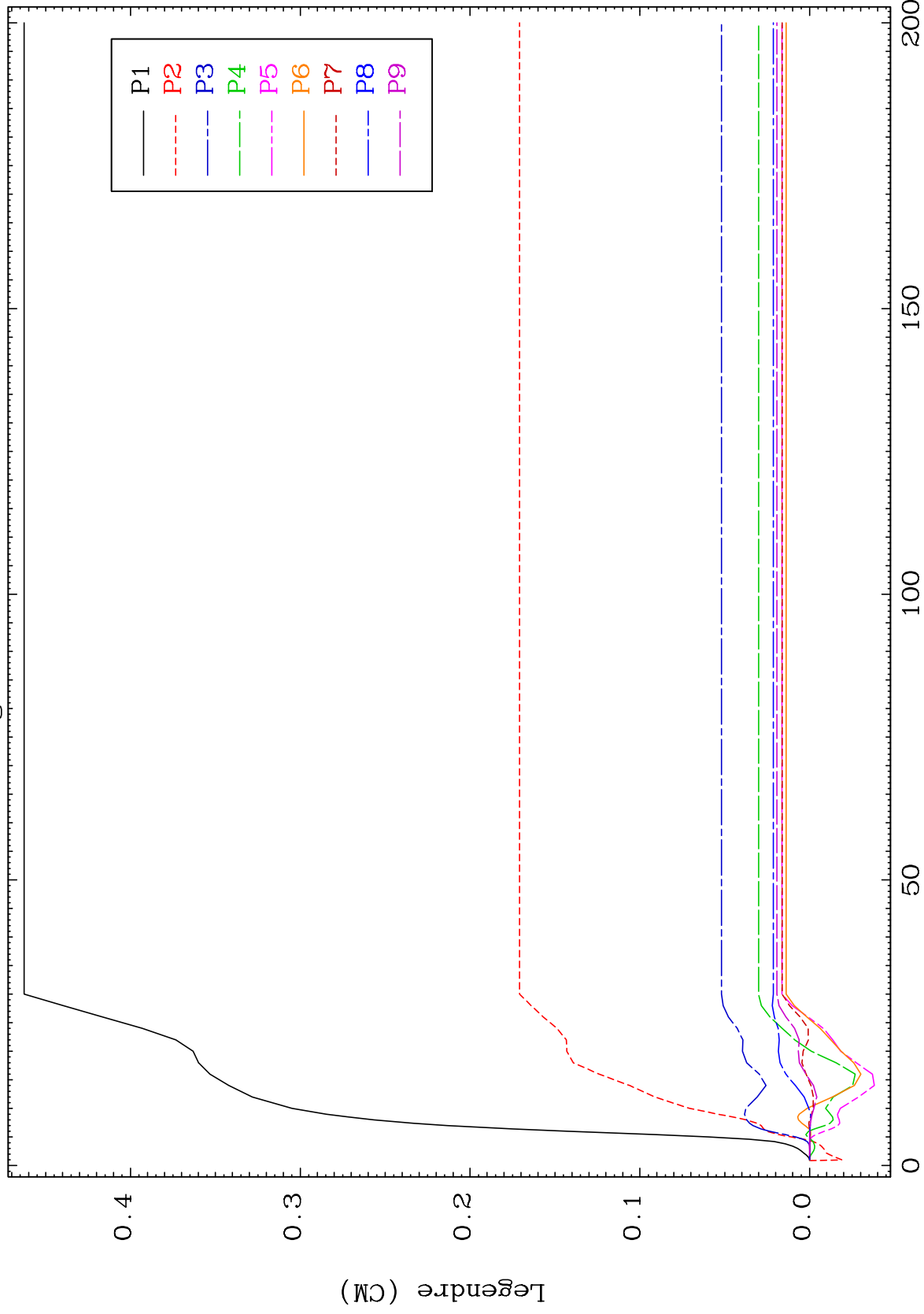
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



31

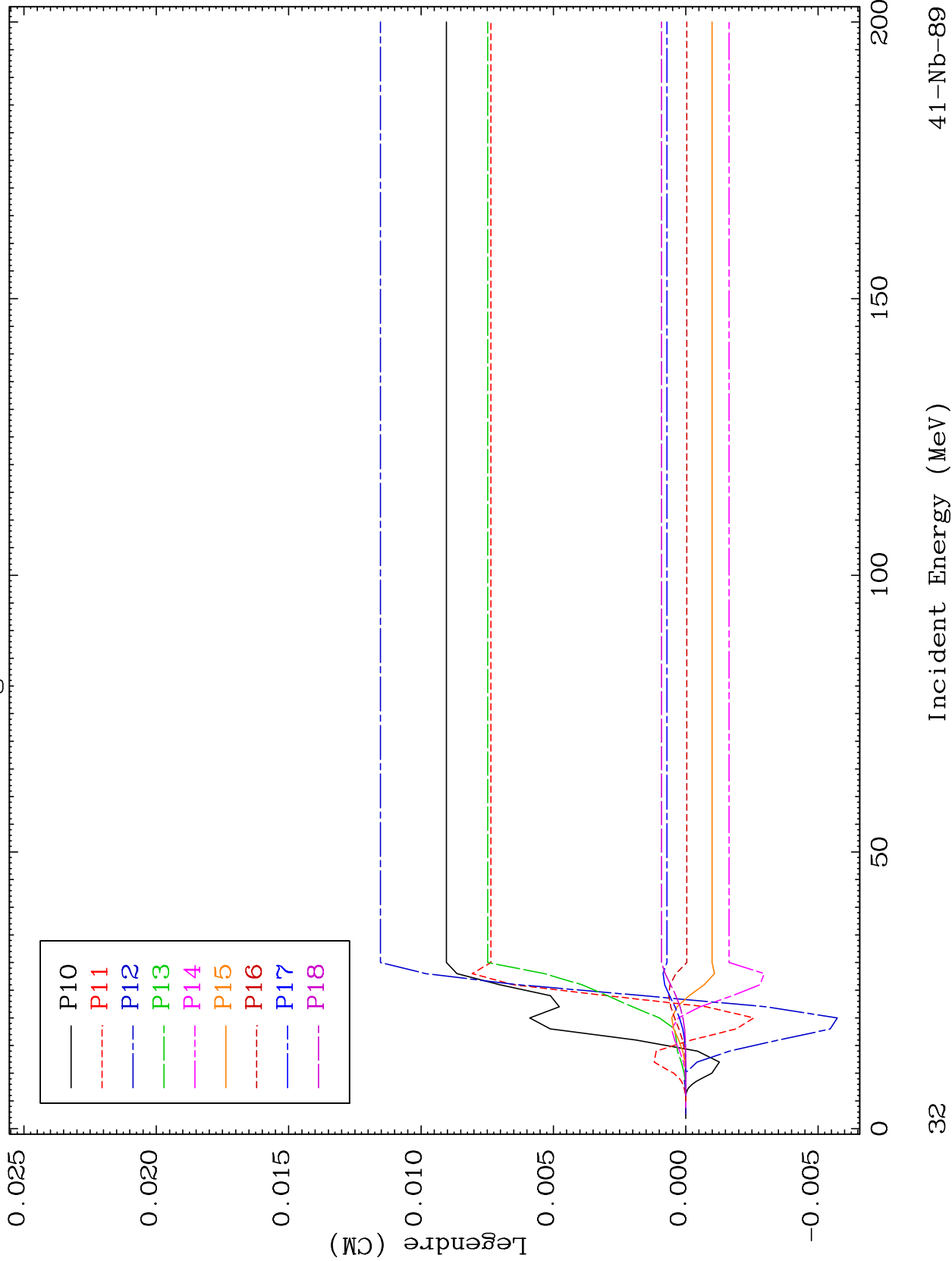
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



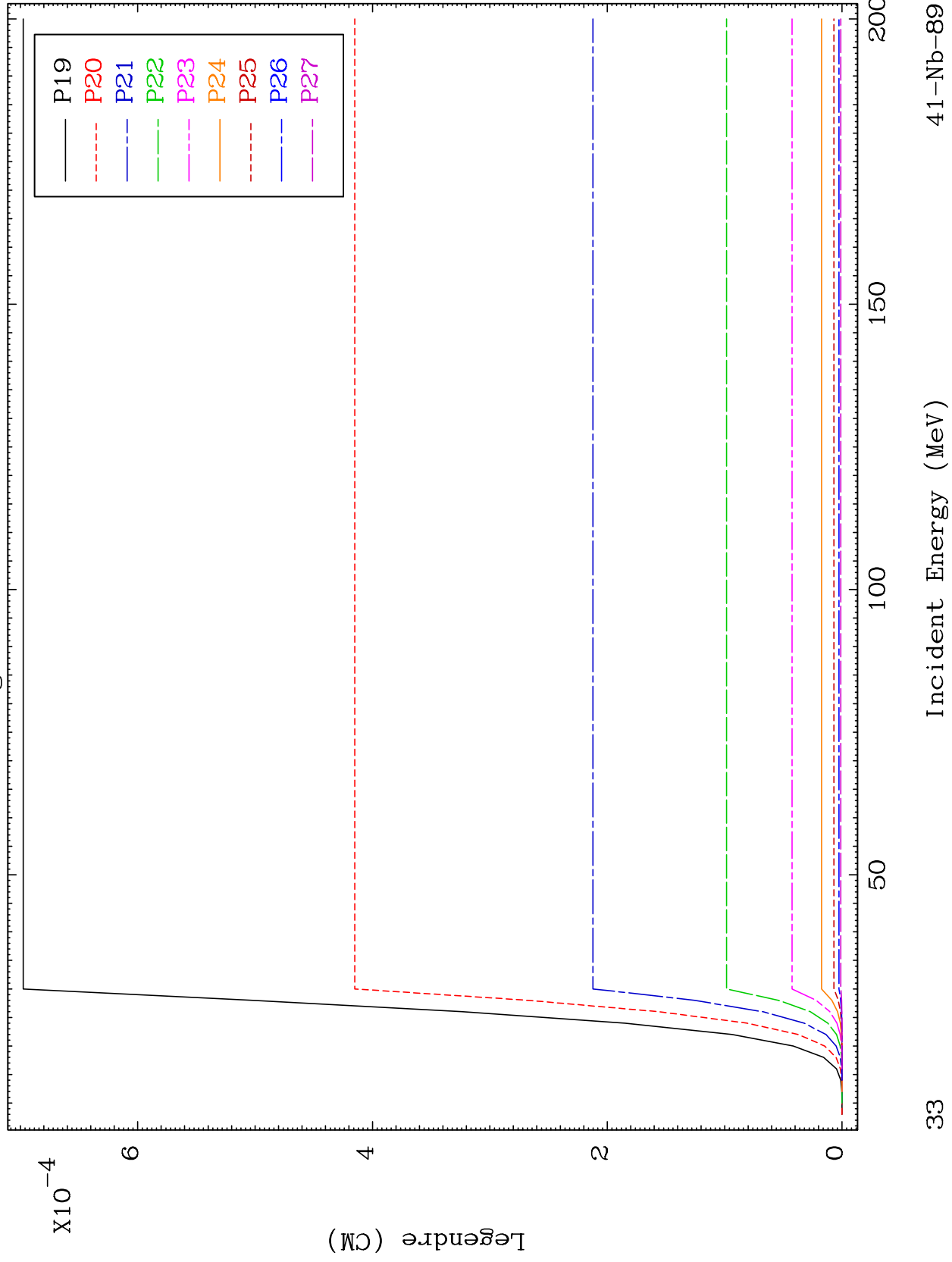
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41-Nb-89

MAT 4113

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

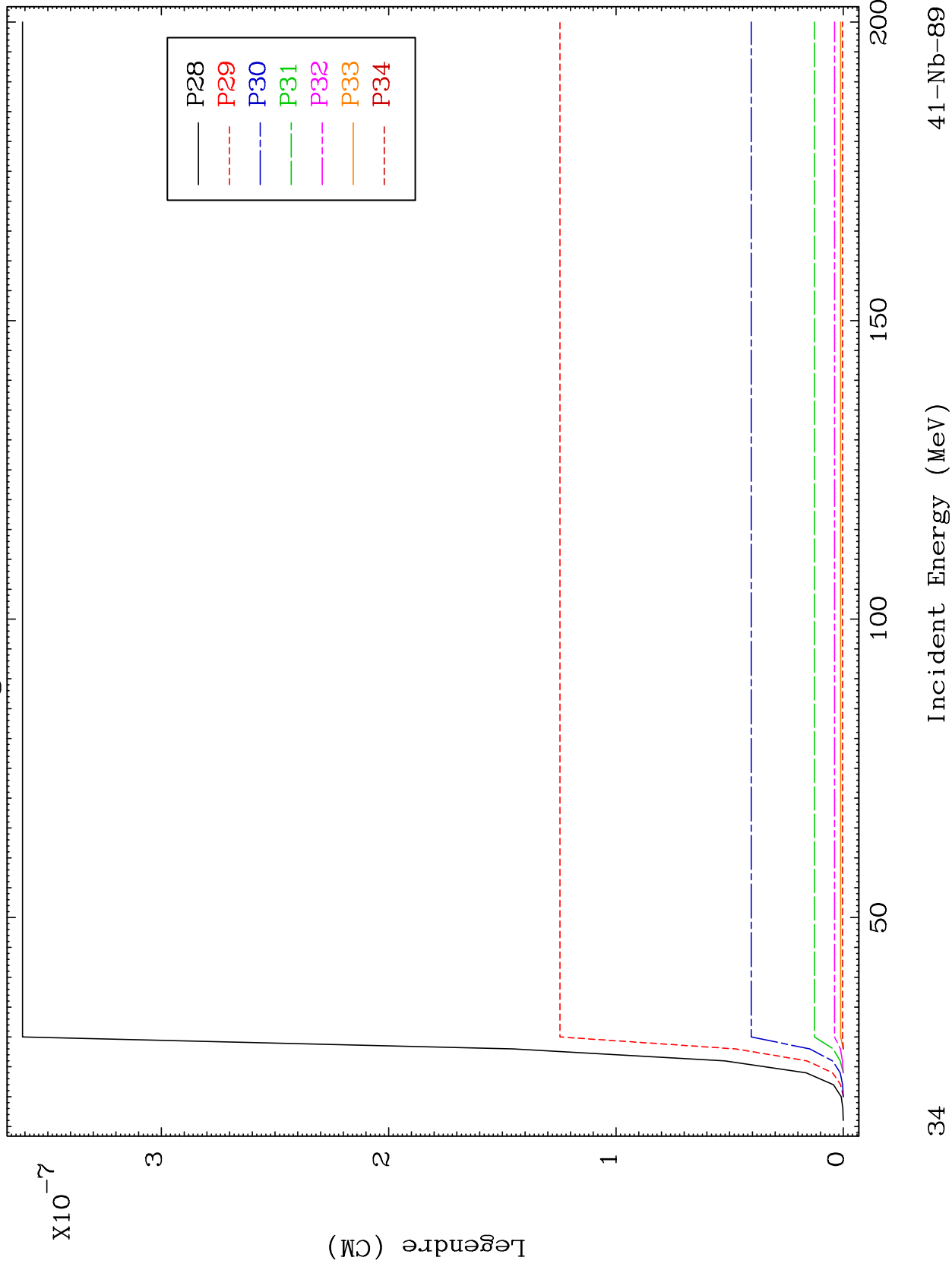
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MAT 4113

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

41-Nb-89



34

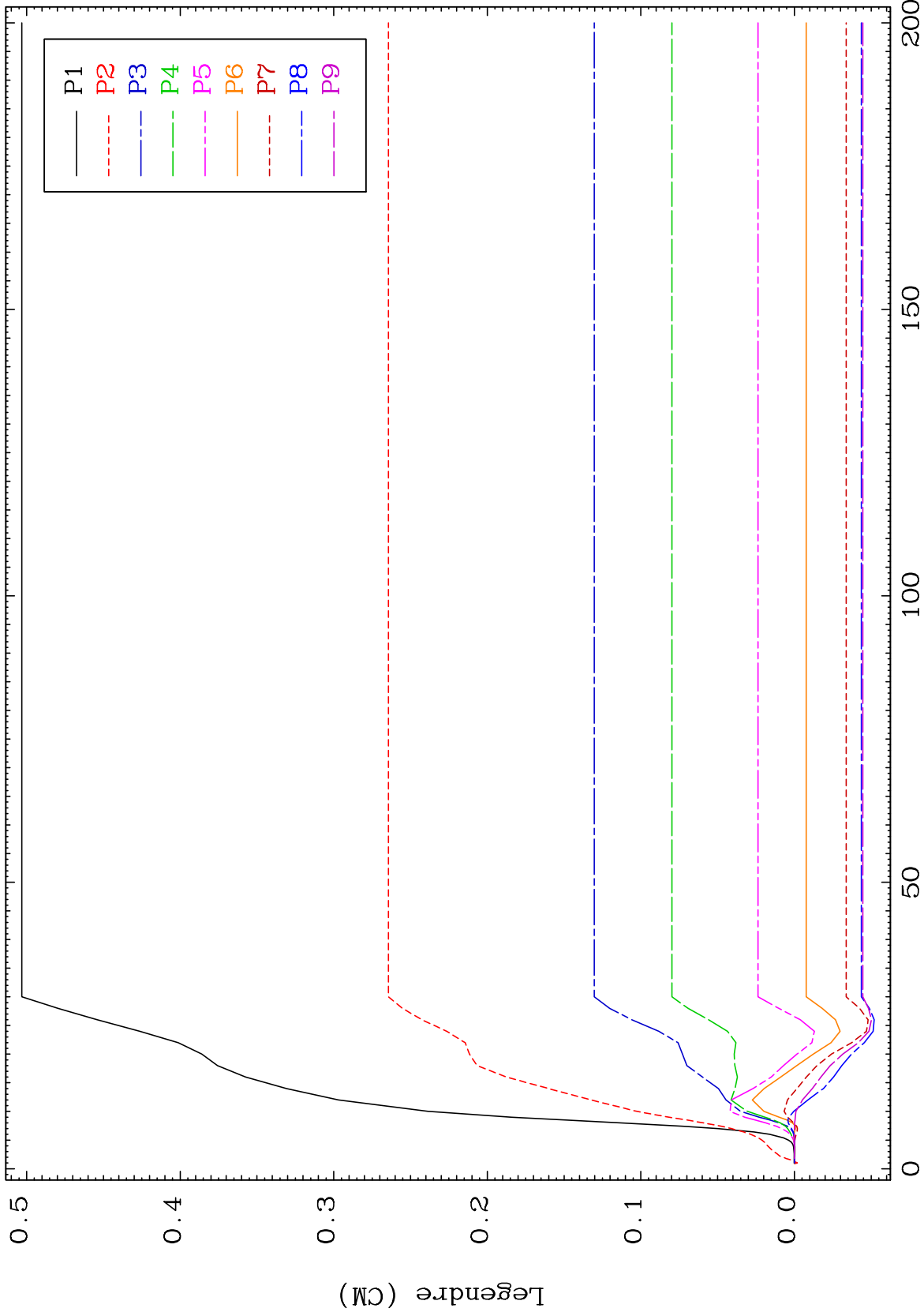
41-Nb-89

MAT 4113

MT= 55 (n,n') Level

41-Nb-89

Legendre Coefficients



35

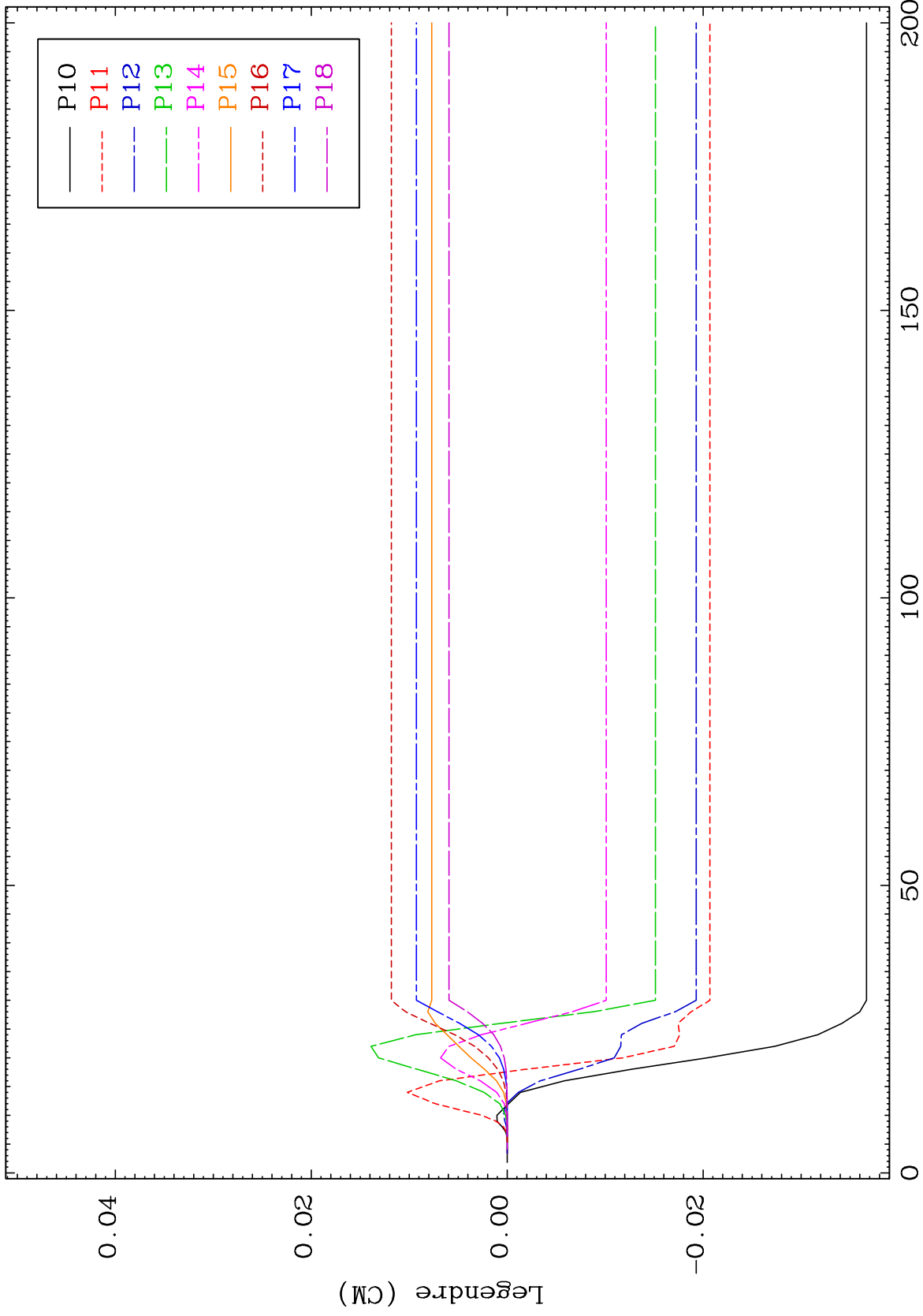
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



36

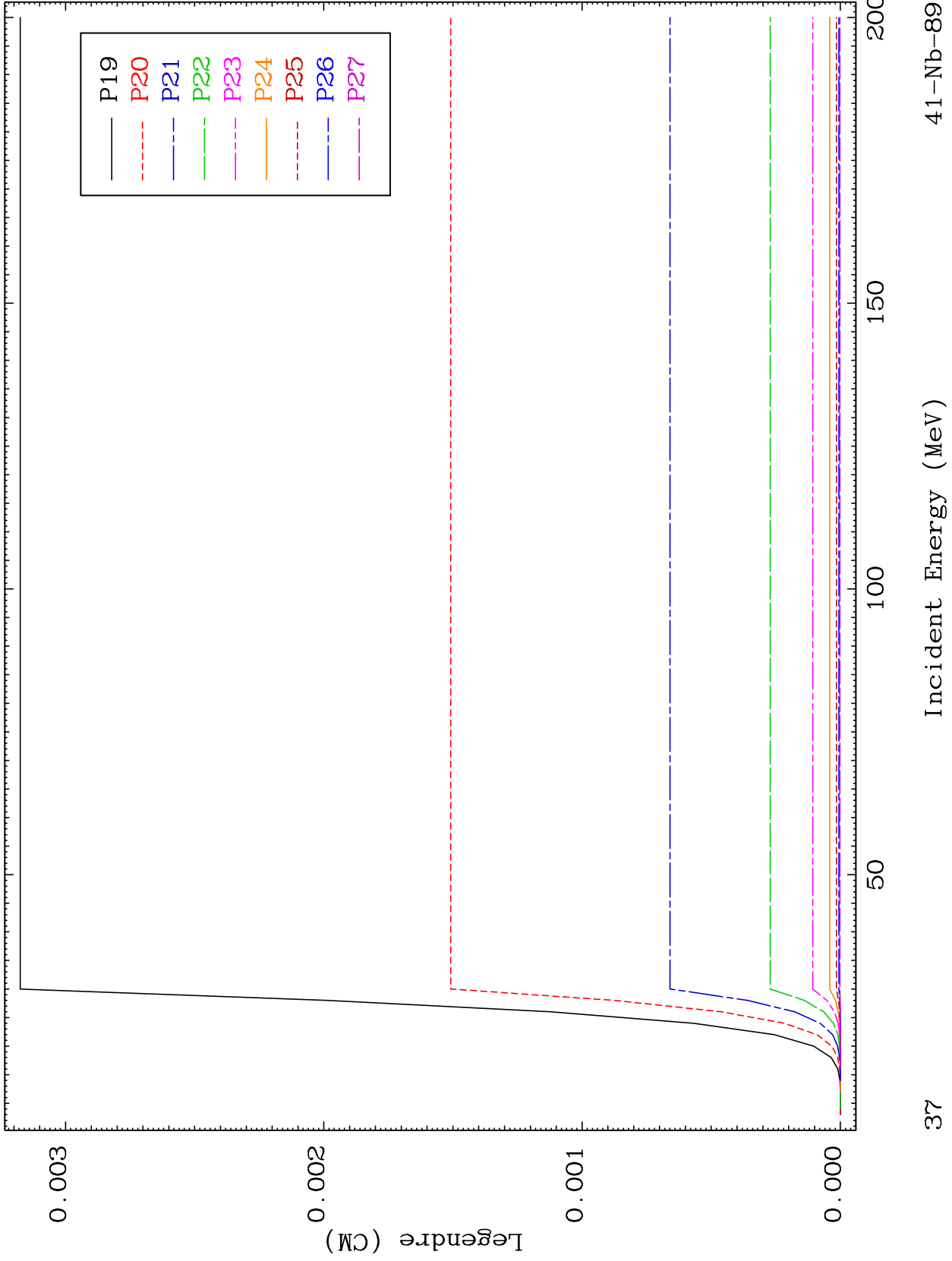
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



37

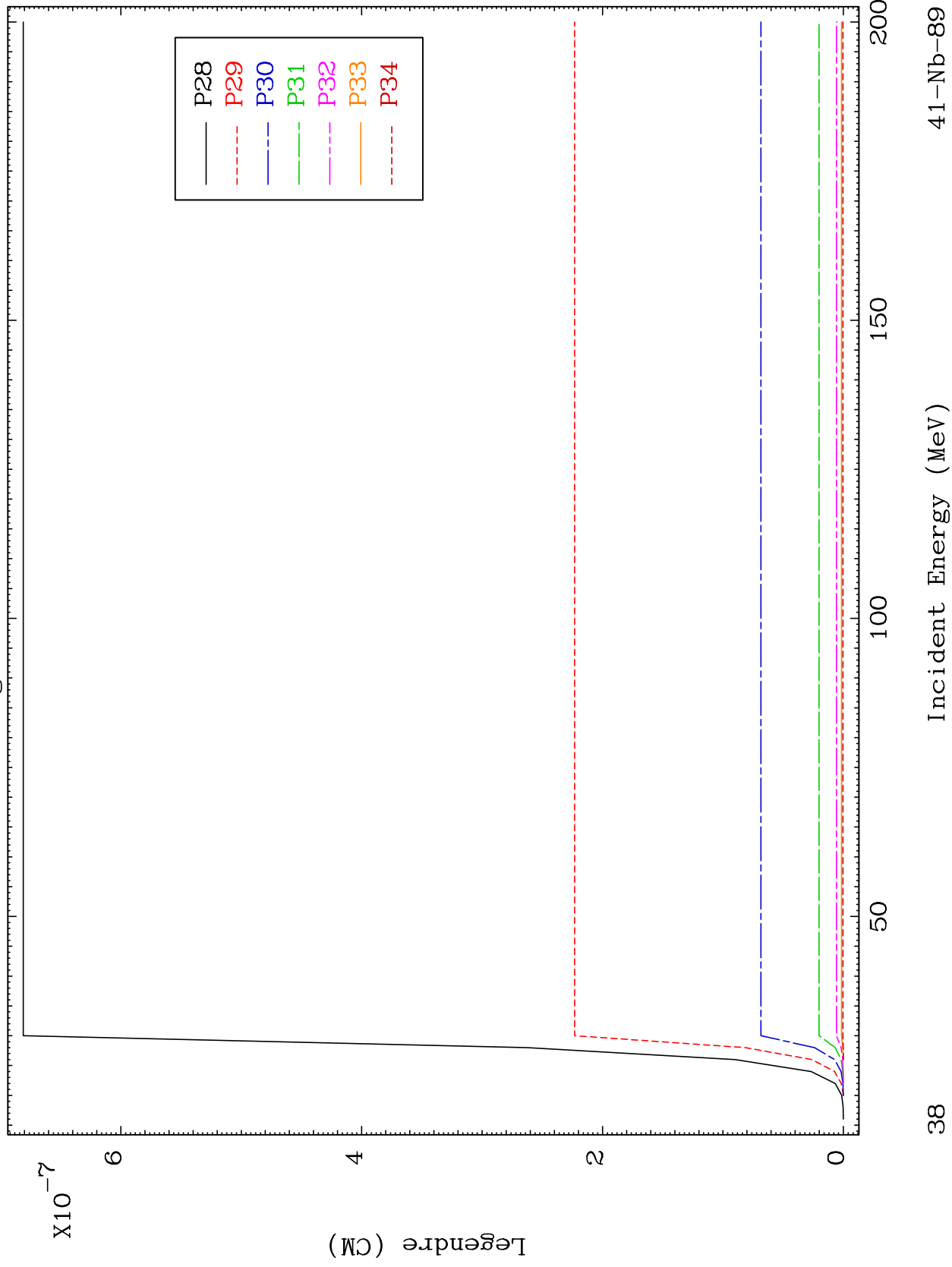
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

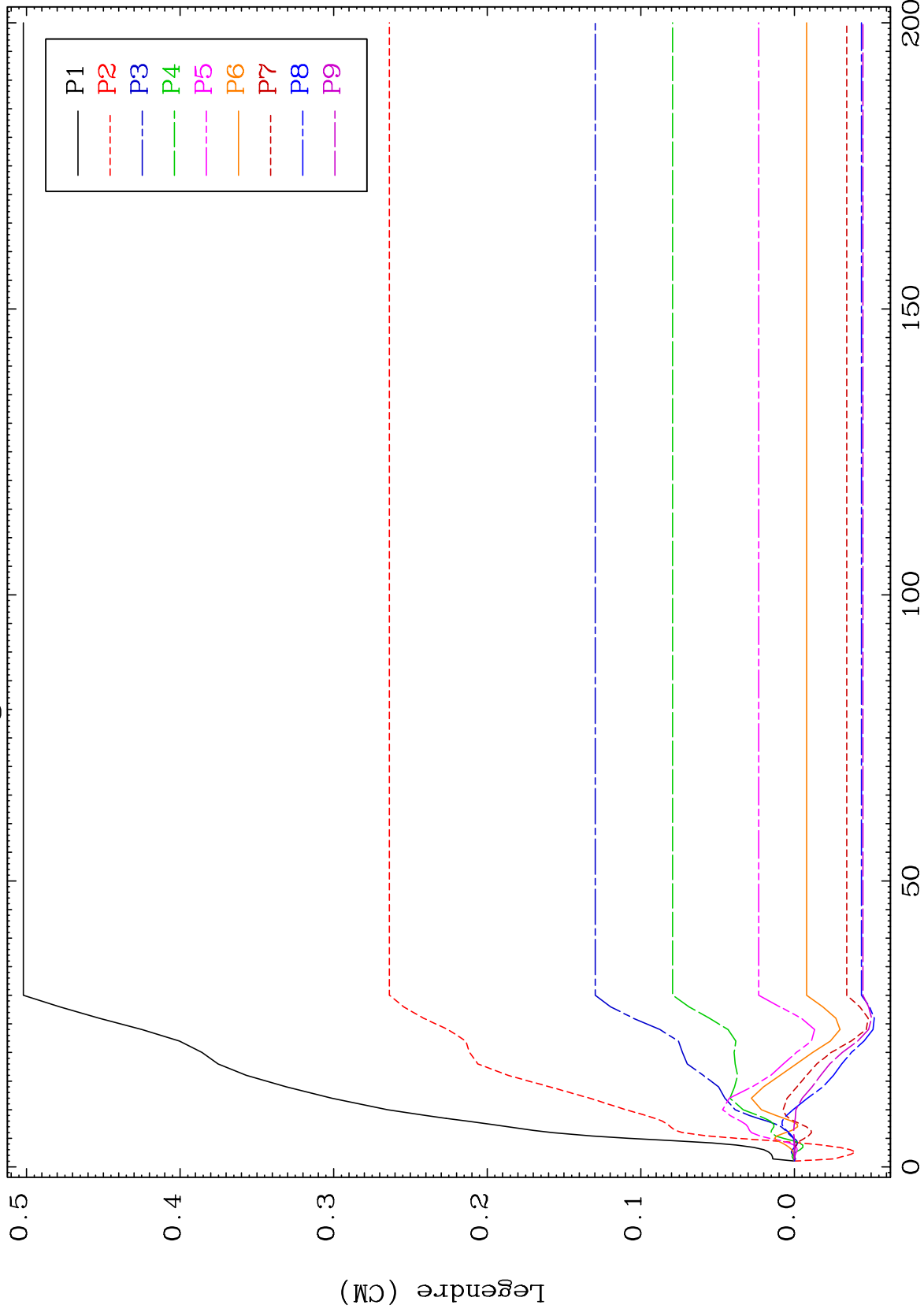
41-Nb-89



MAT 4113

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

41-Nb-89



39

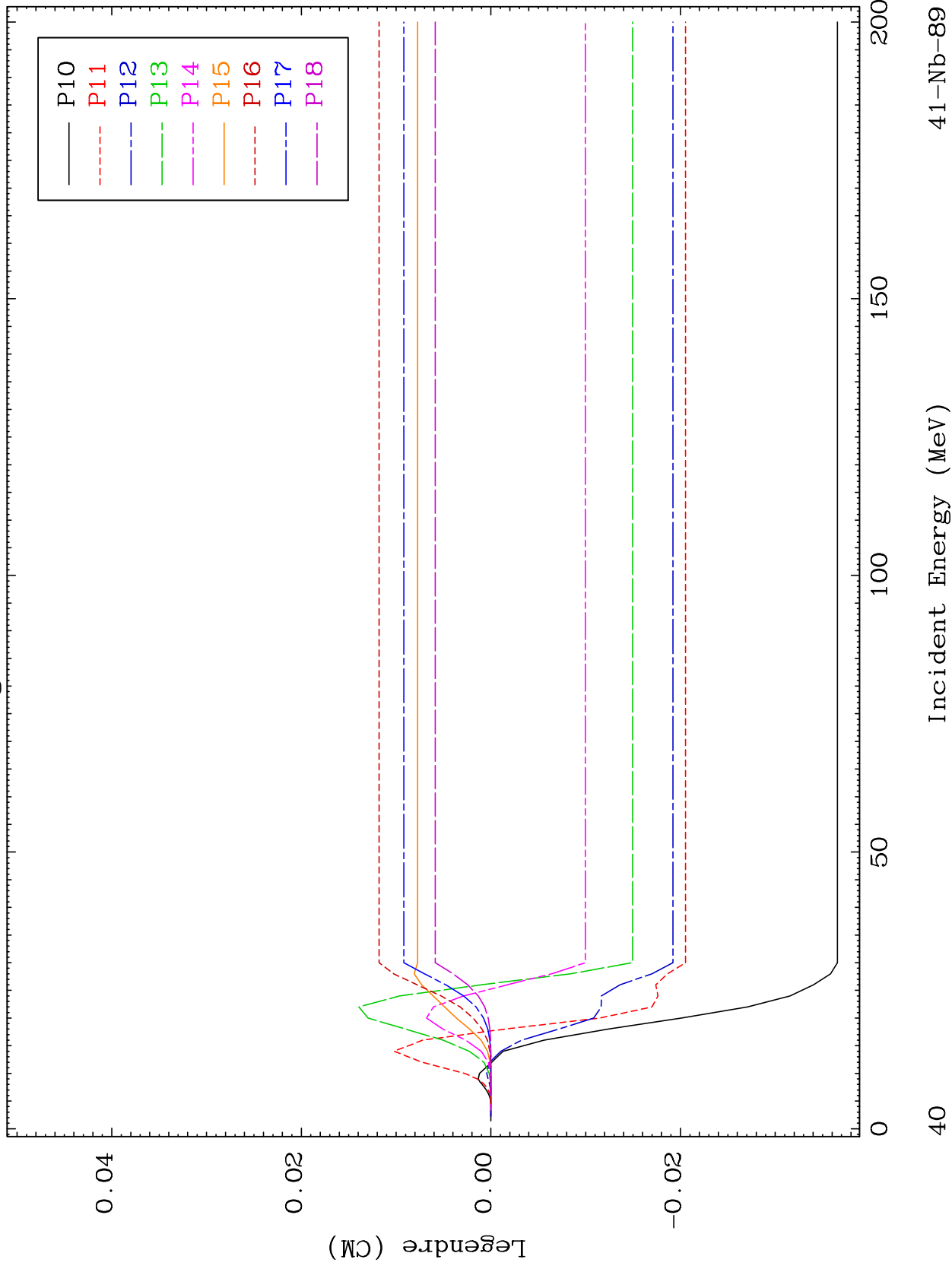
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



41-Nb-89

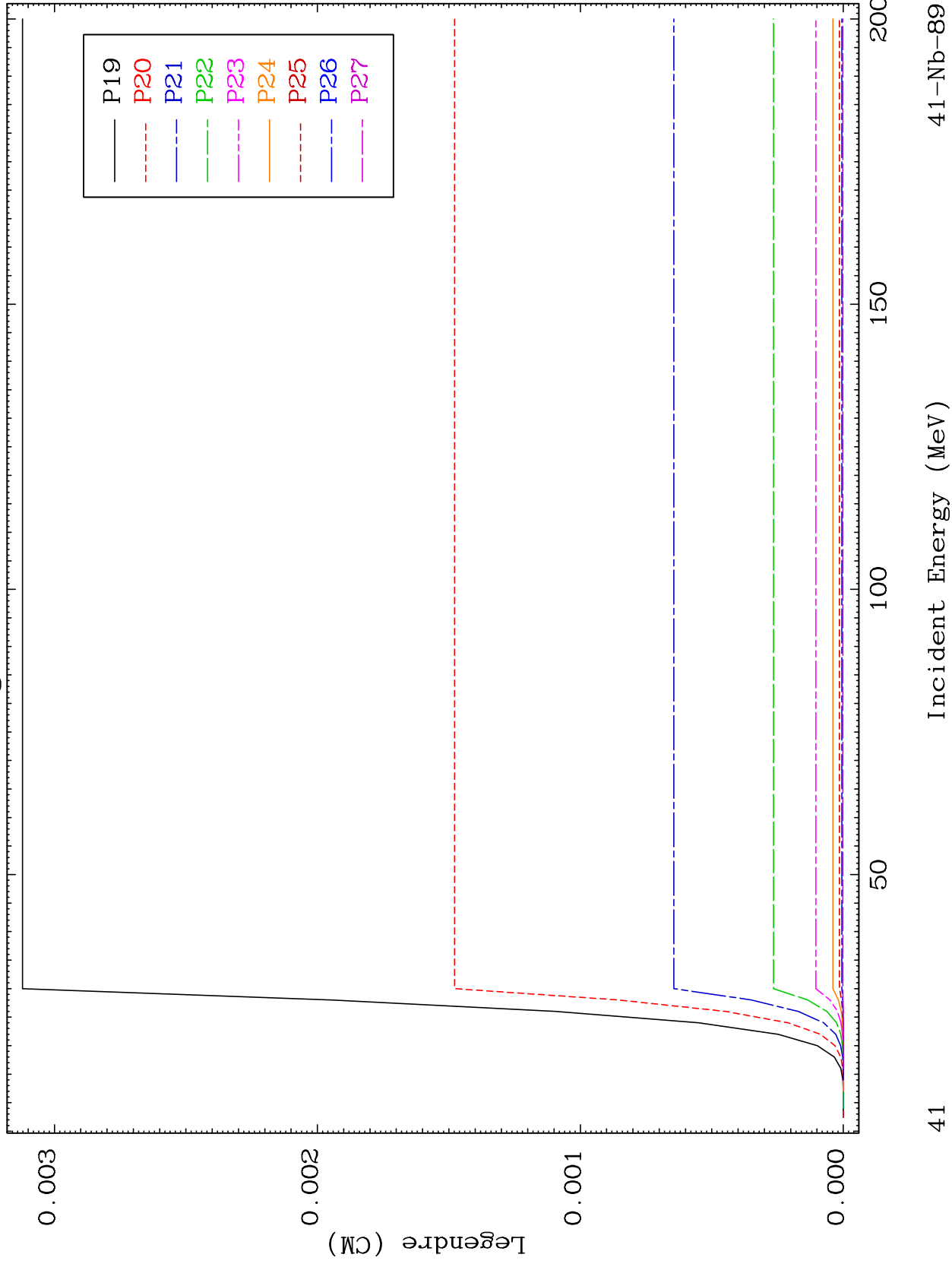
Incident Energy (MeV)

40

MAT 4113

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

41-Nb-89



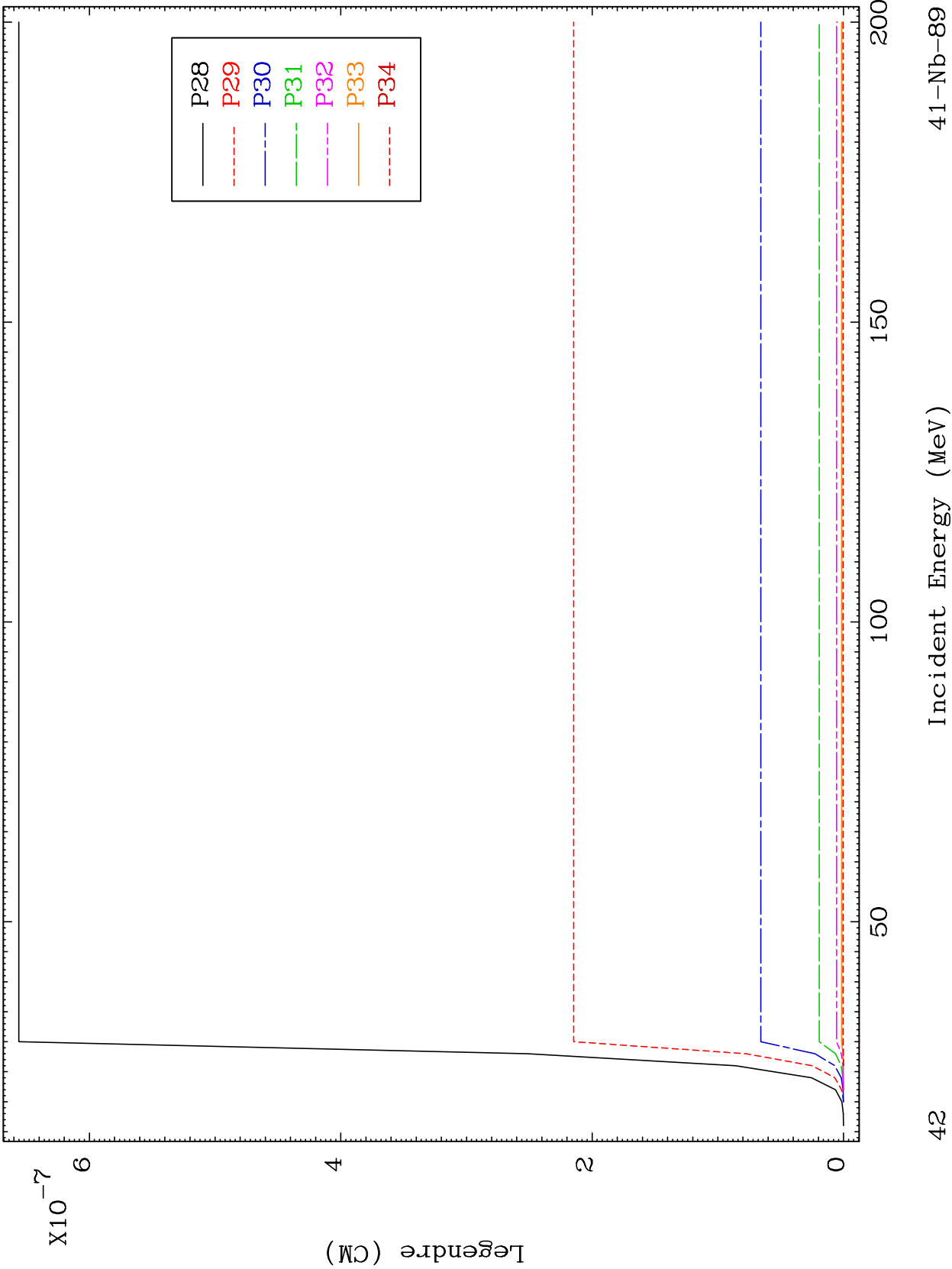
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MAT 4113

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

41-Nb-89



42

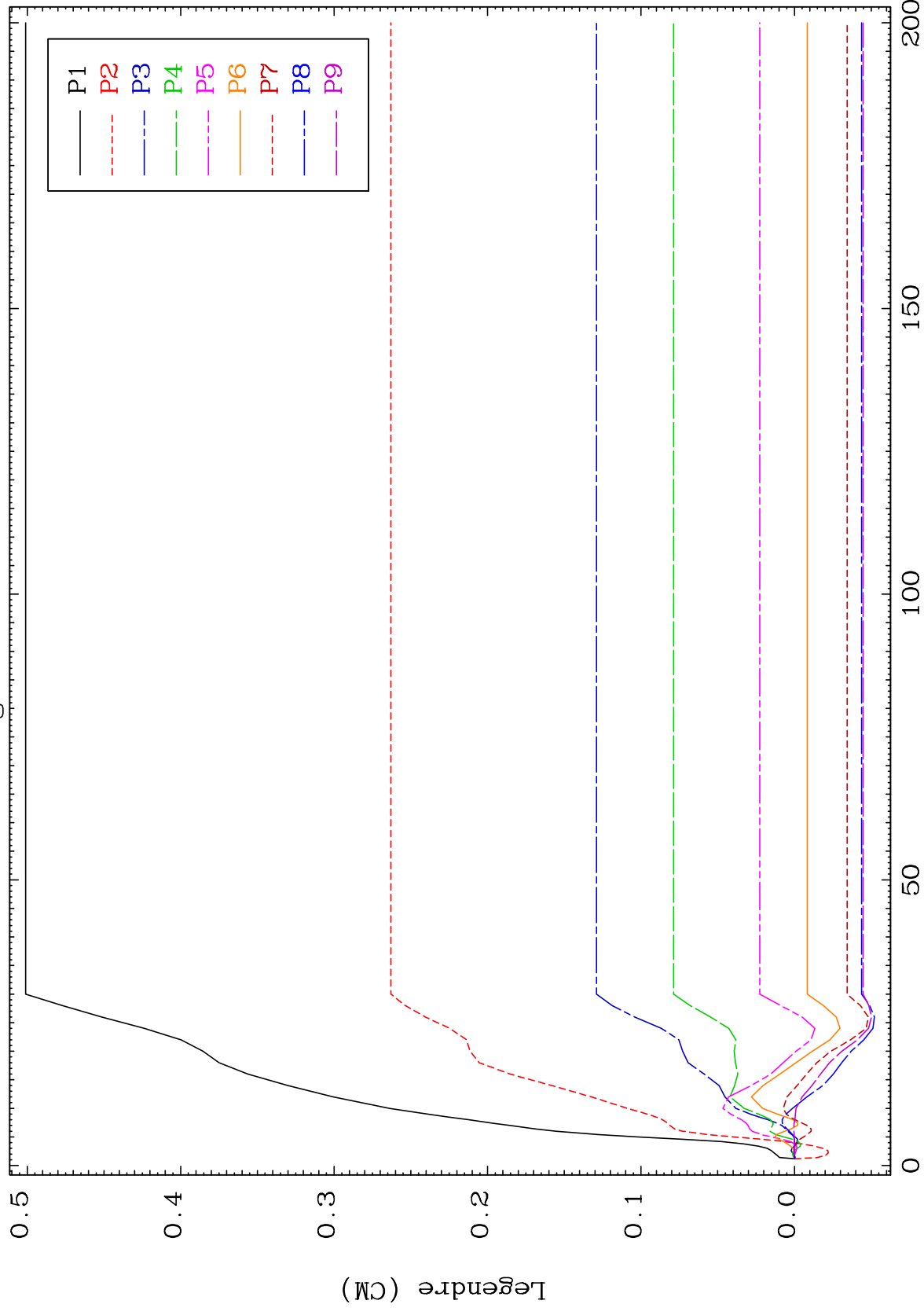
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



43

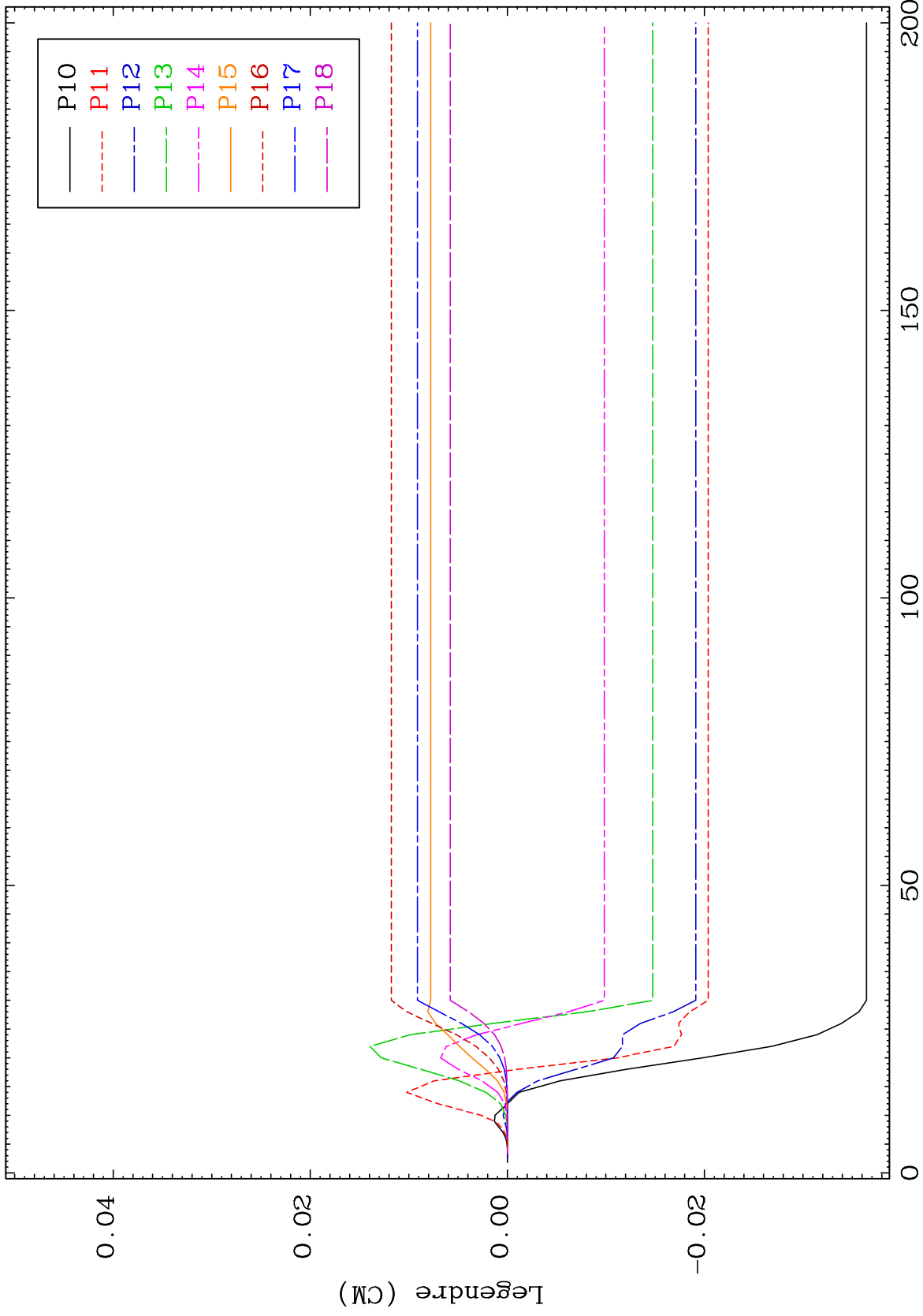
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



44

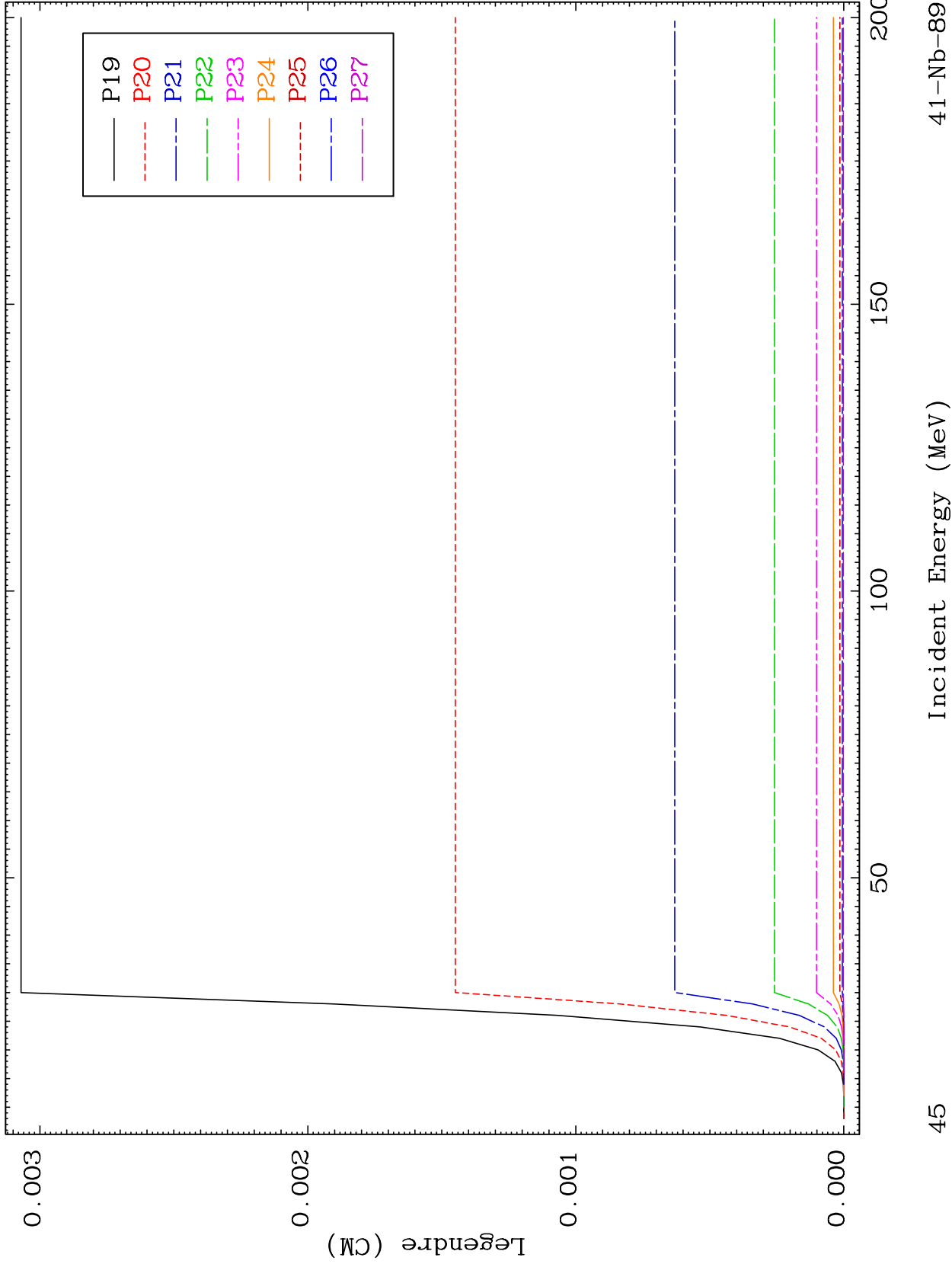
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



45

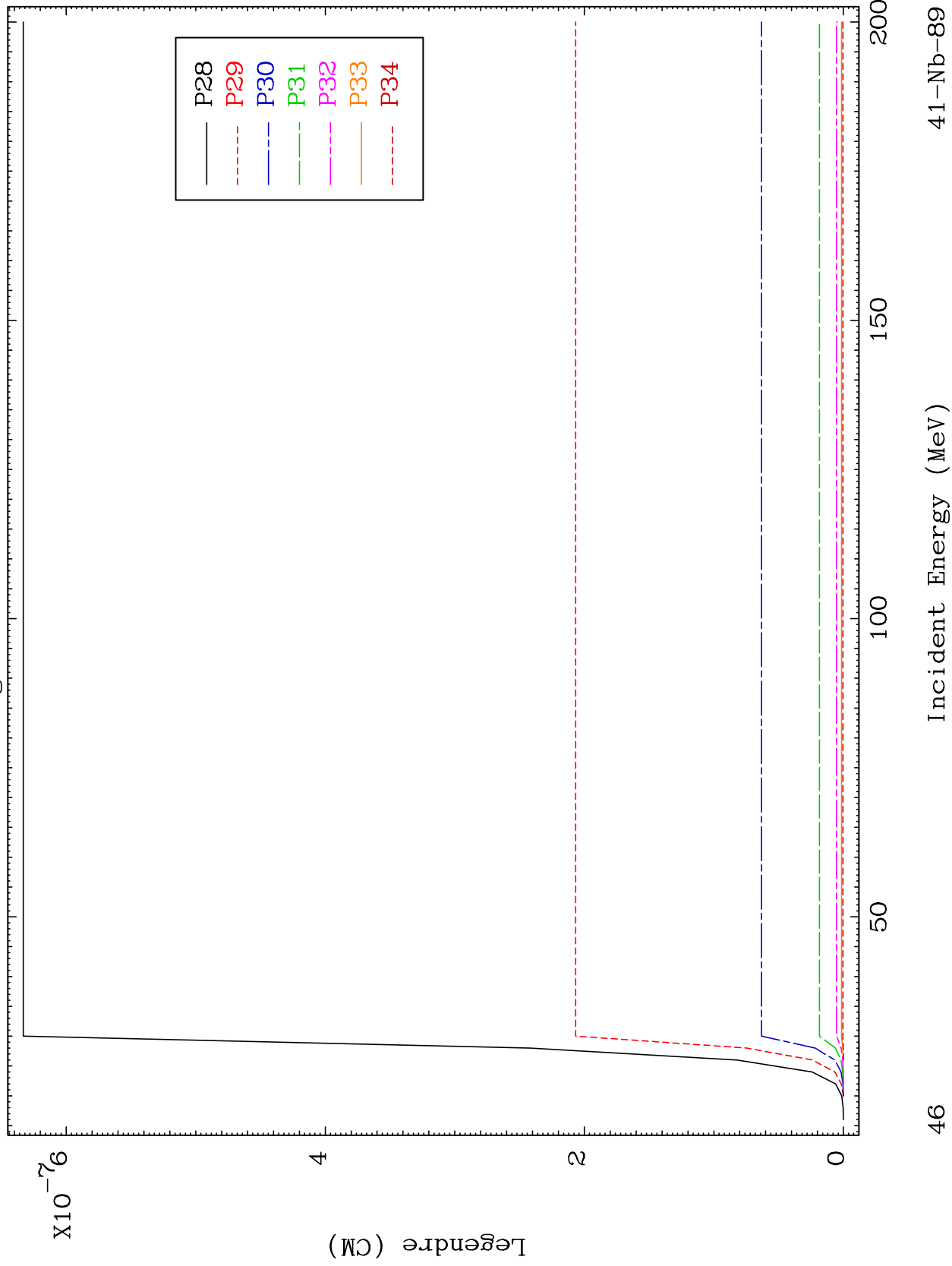
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

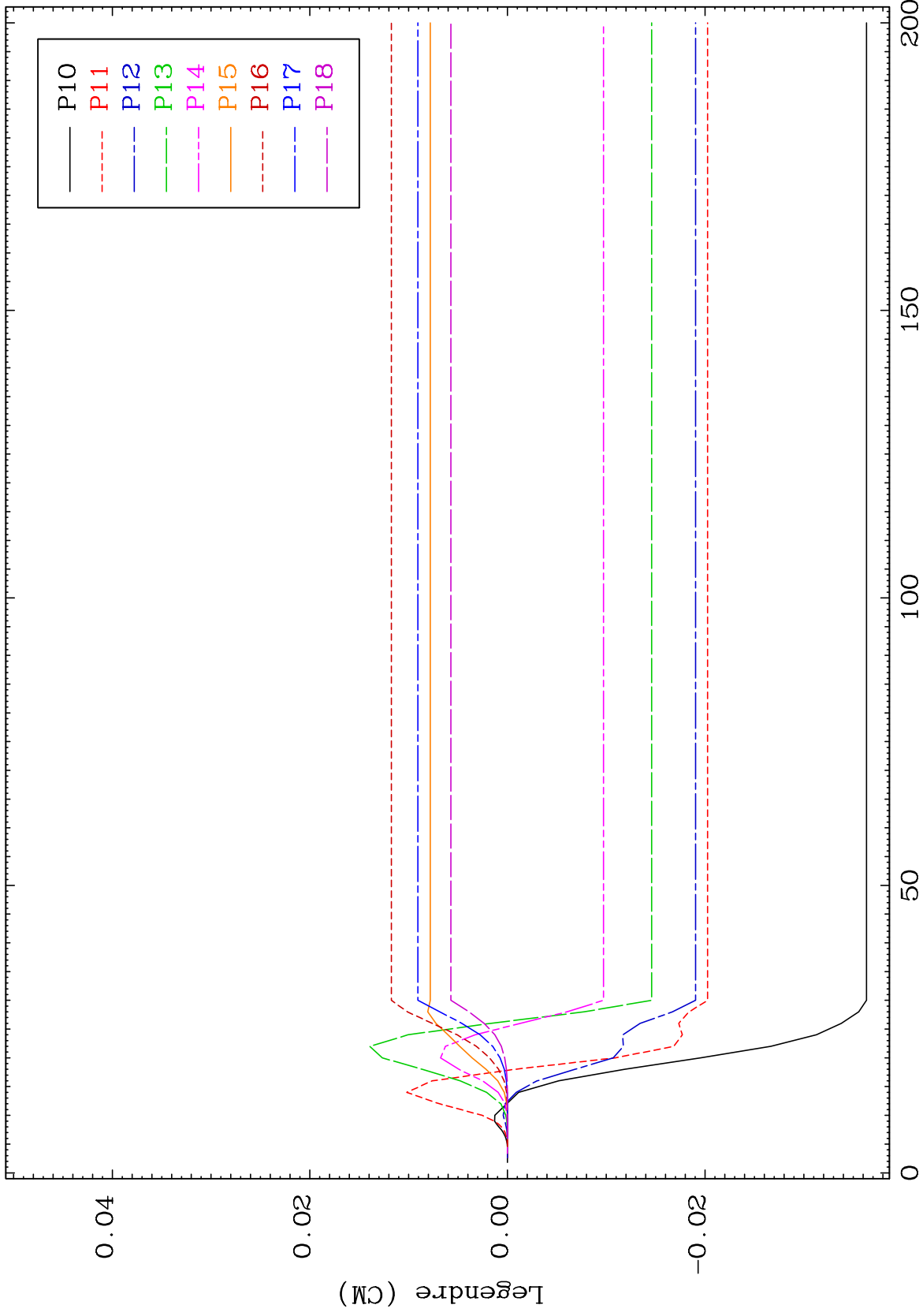
41-Nb-89



MAT 4113

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

41-Nb-89



48

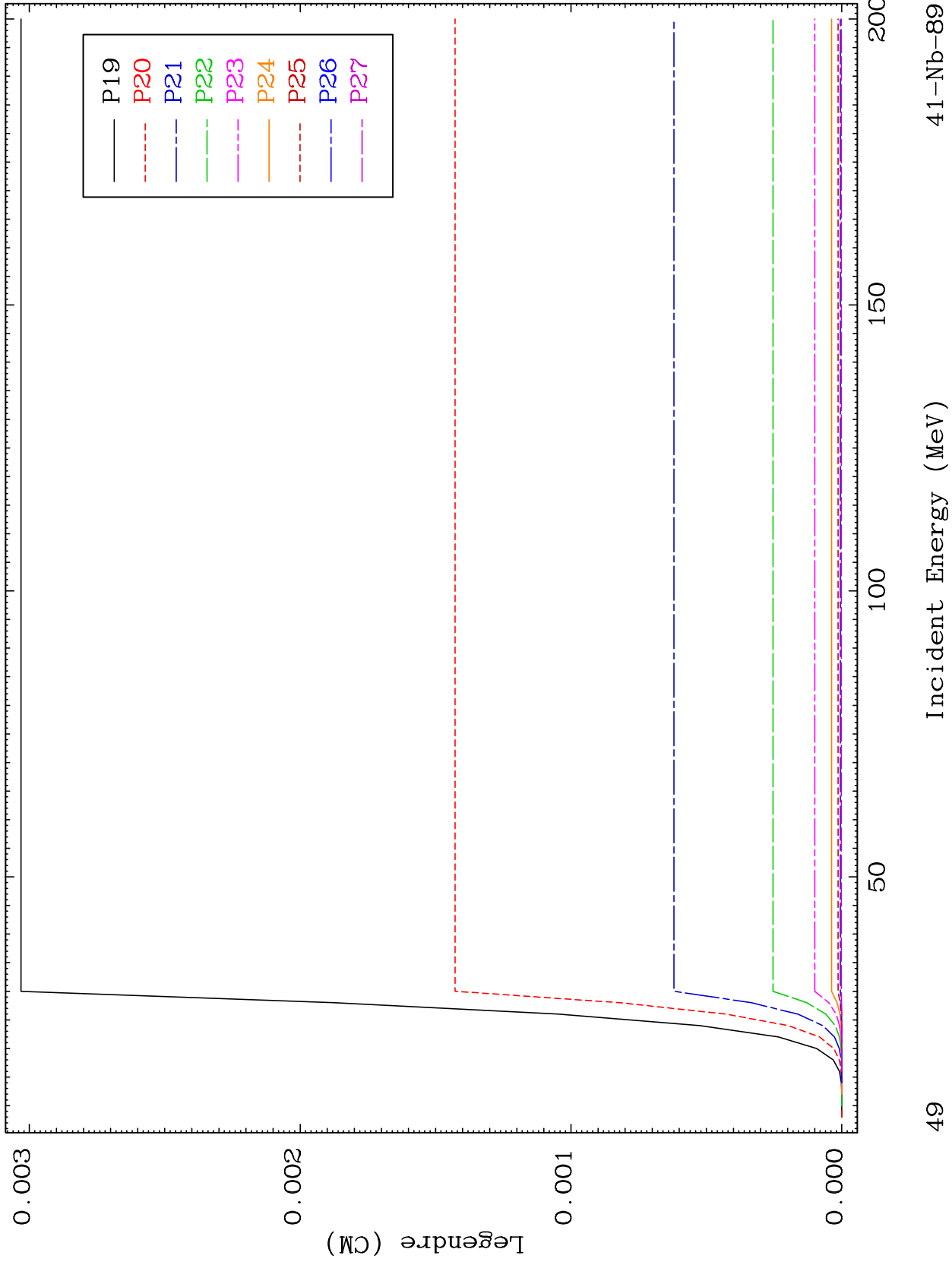
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89

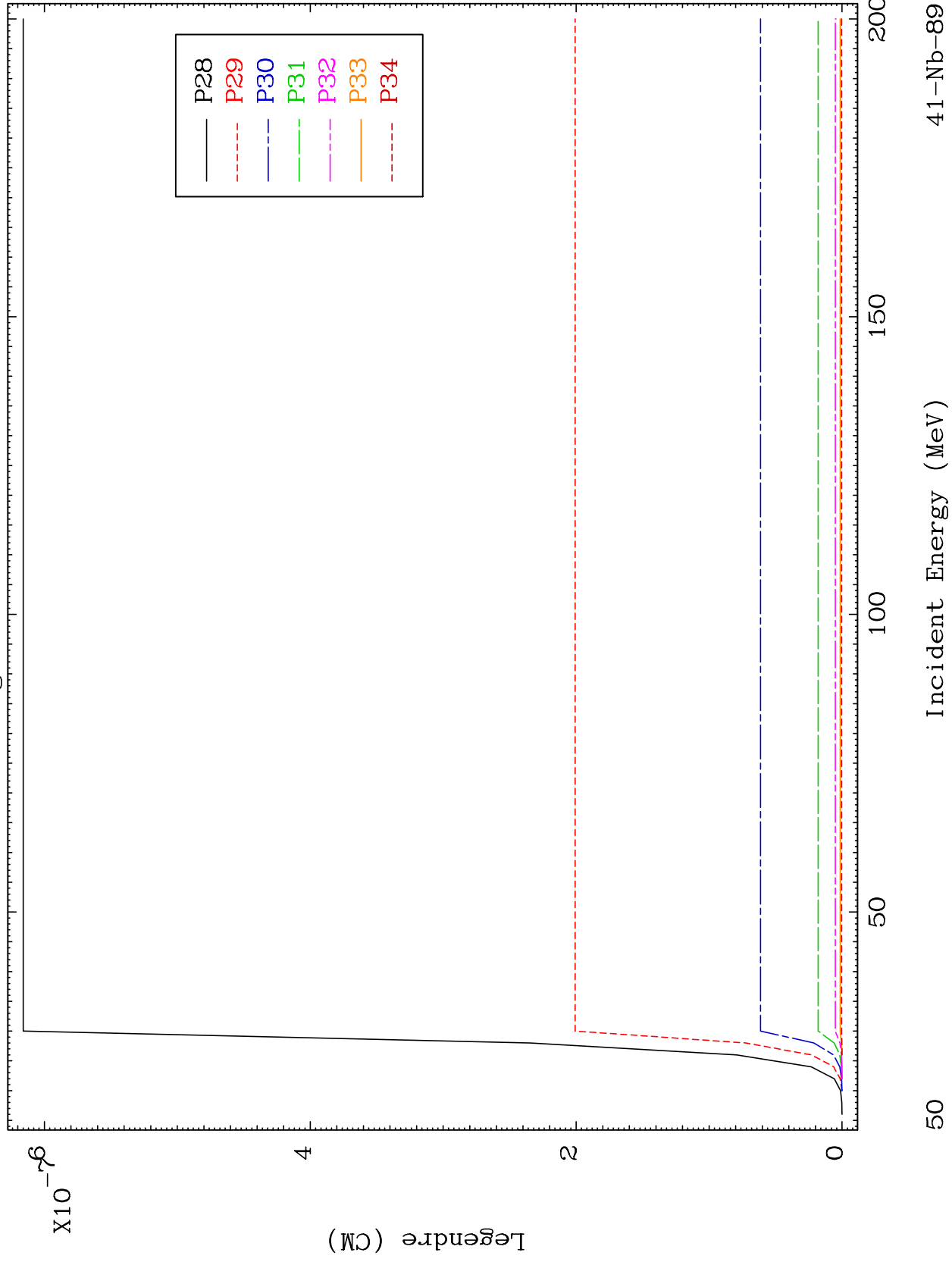


49

MAT 4113

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

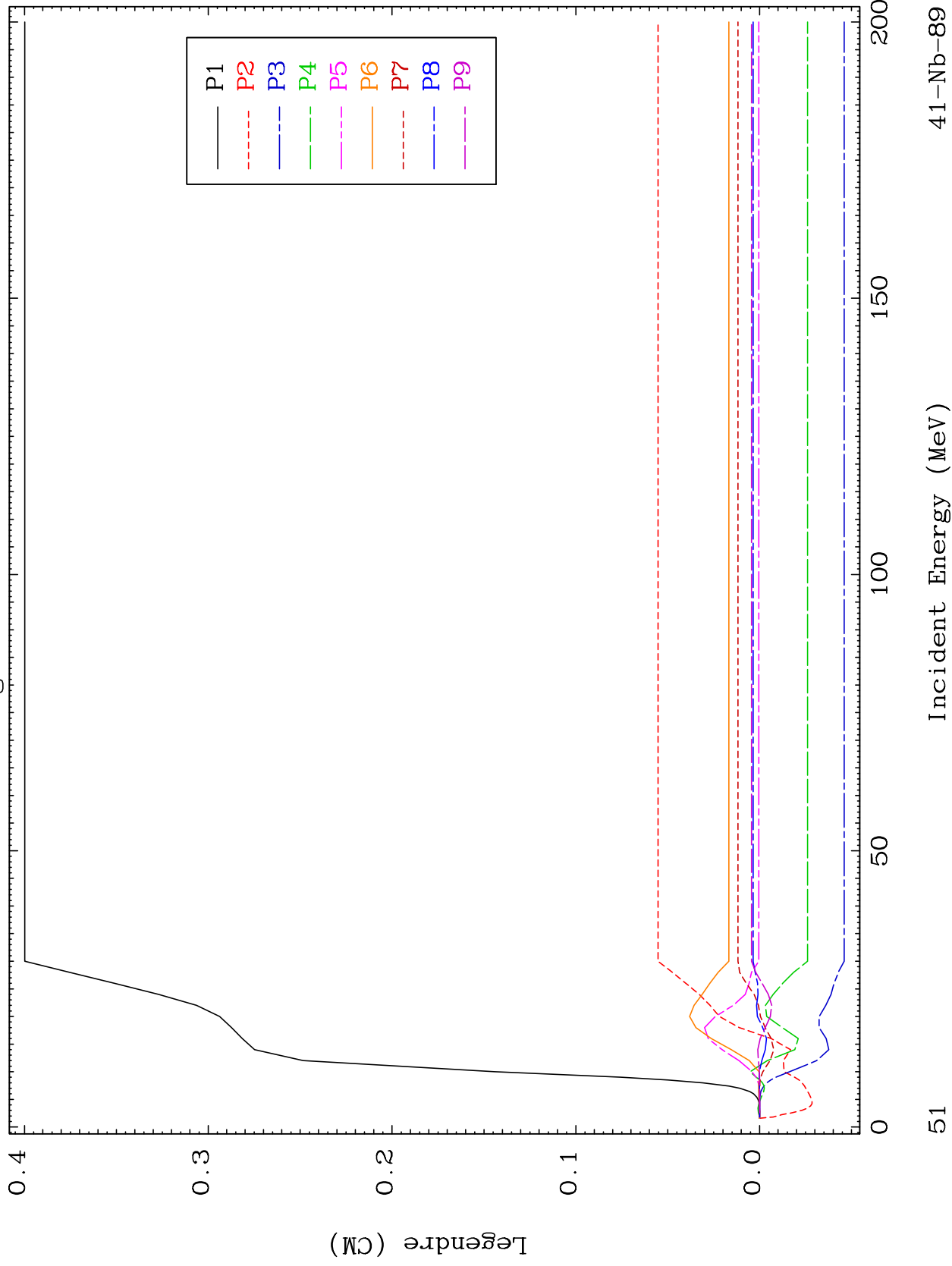
41-Nb-89



41-Nb-89

Incident Energy (MeV)

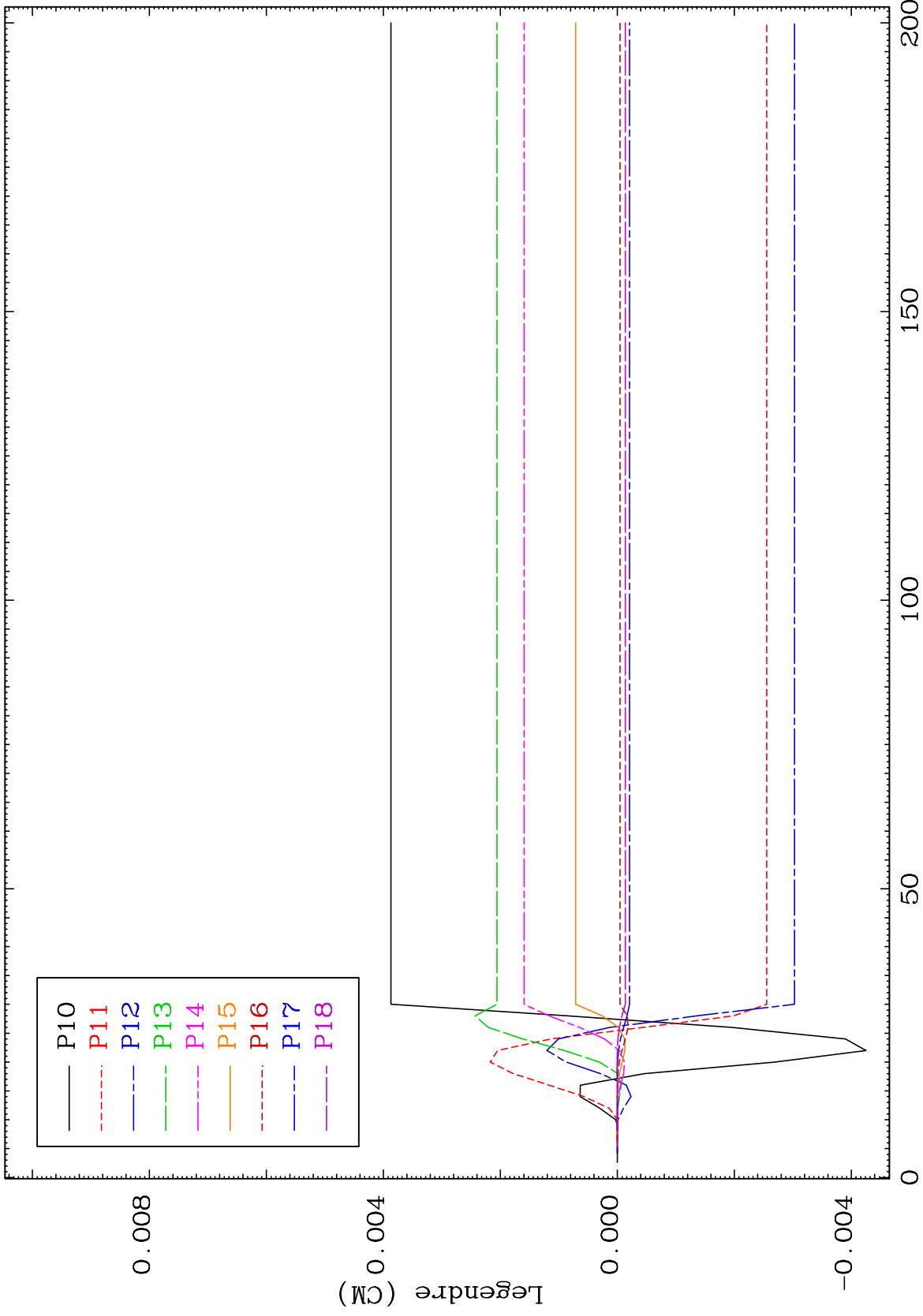
50



MAT 4113

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

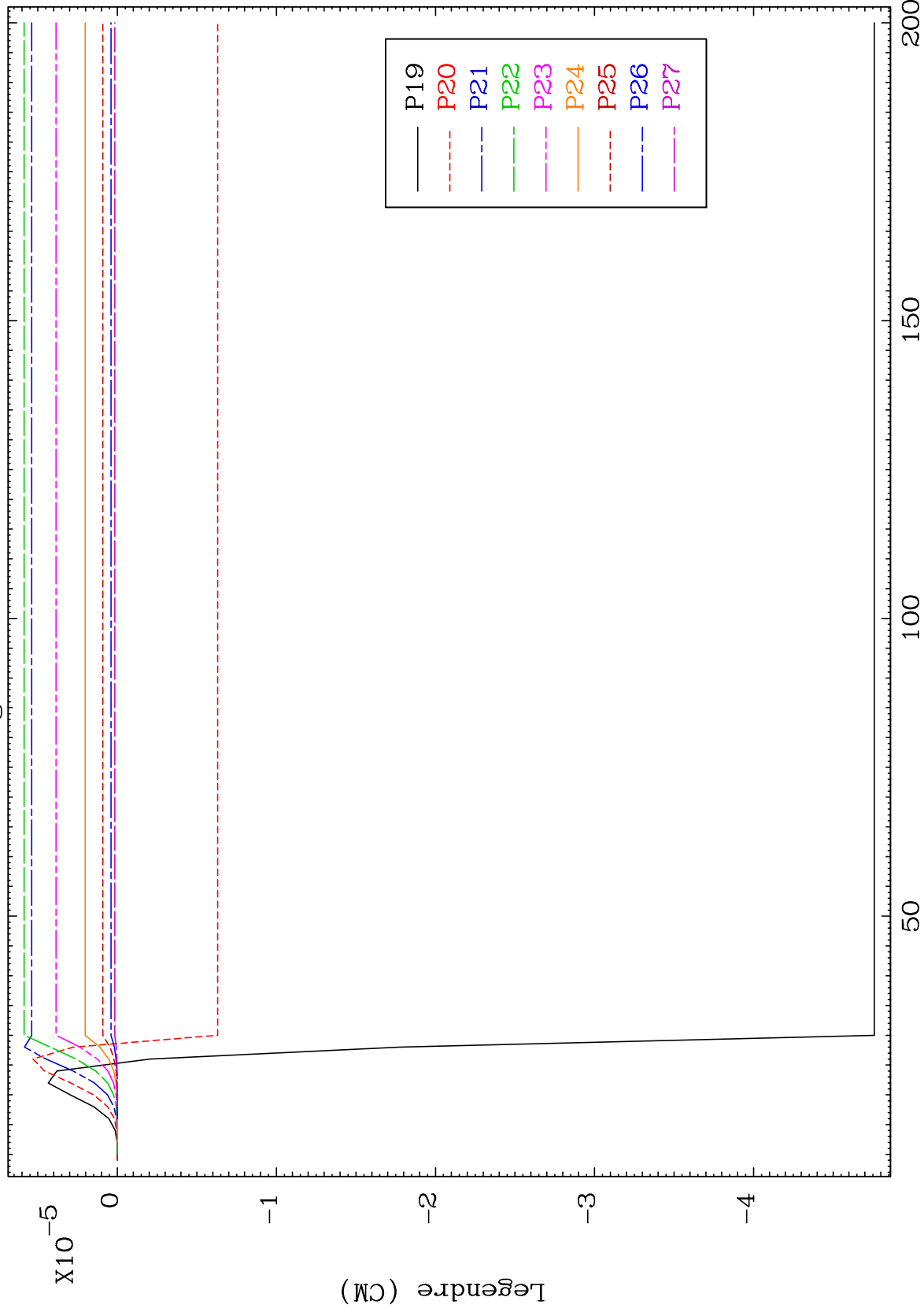
41-Nb-89



52

Incident Energy (MeV)

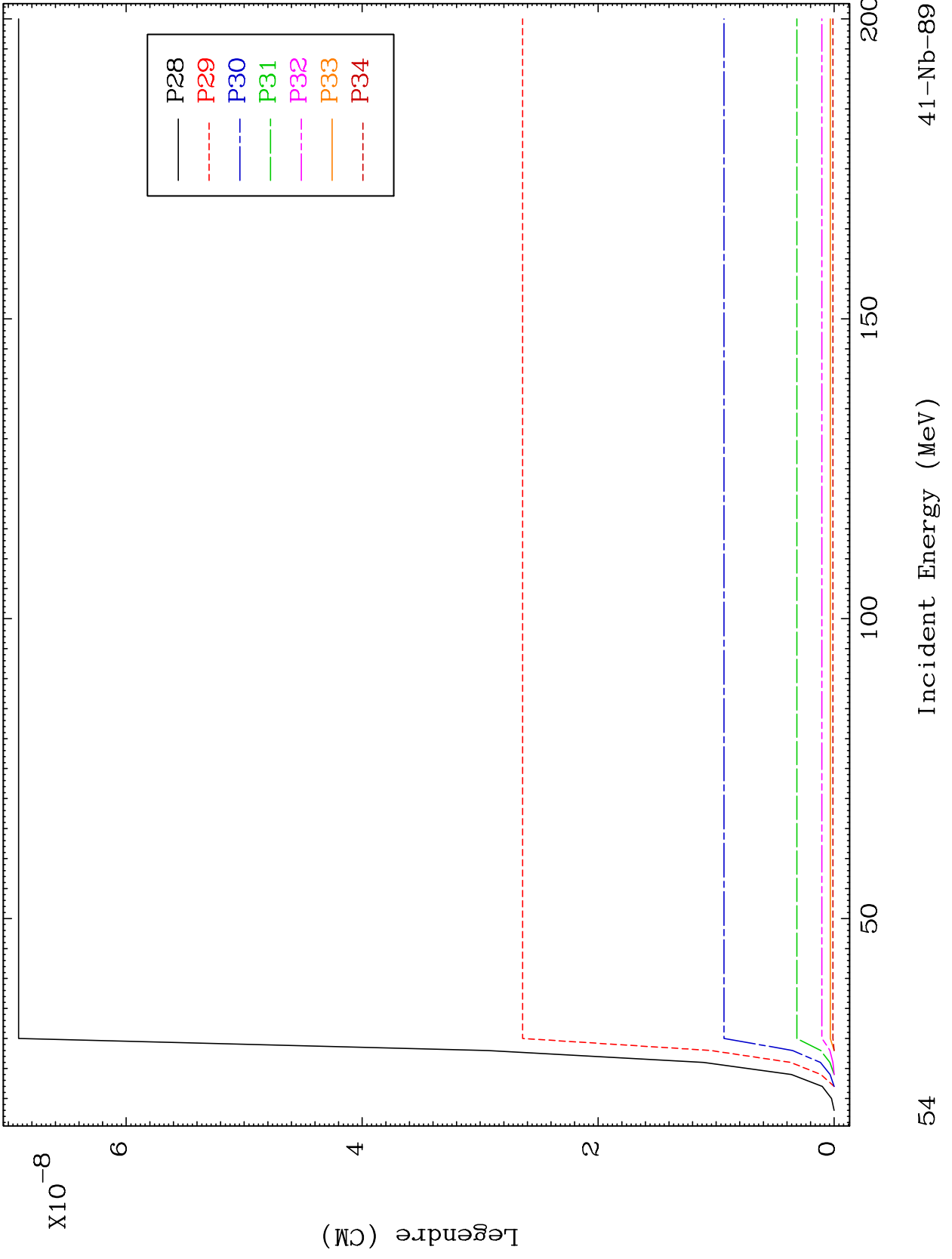
41-Nb-89



MAT 4113

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

41-Nb-89



54

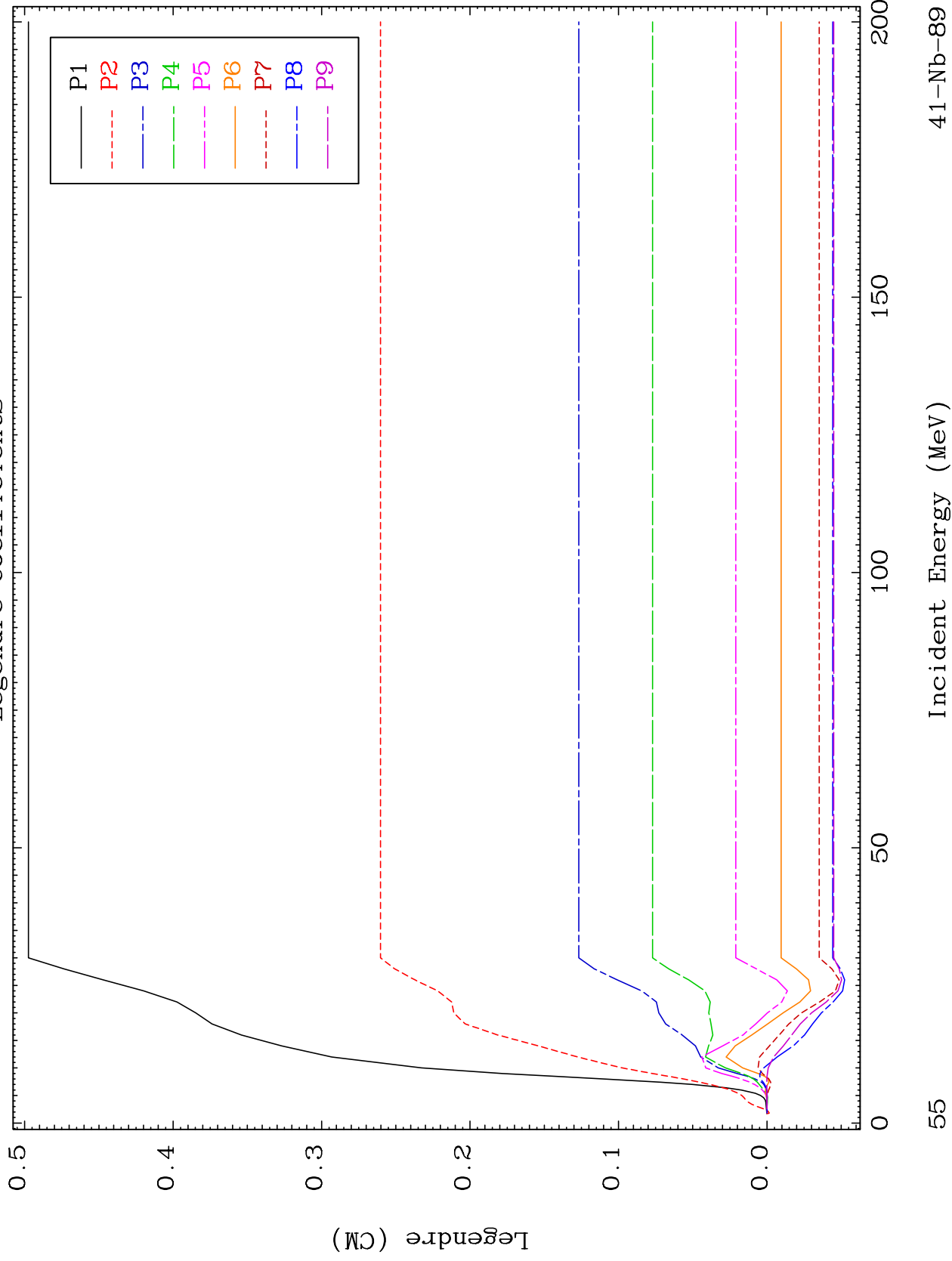
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



41-Nb-89

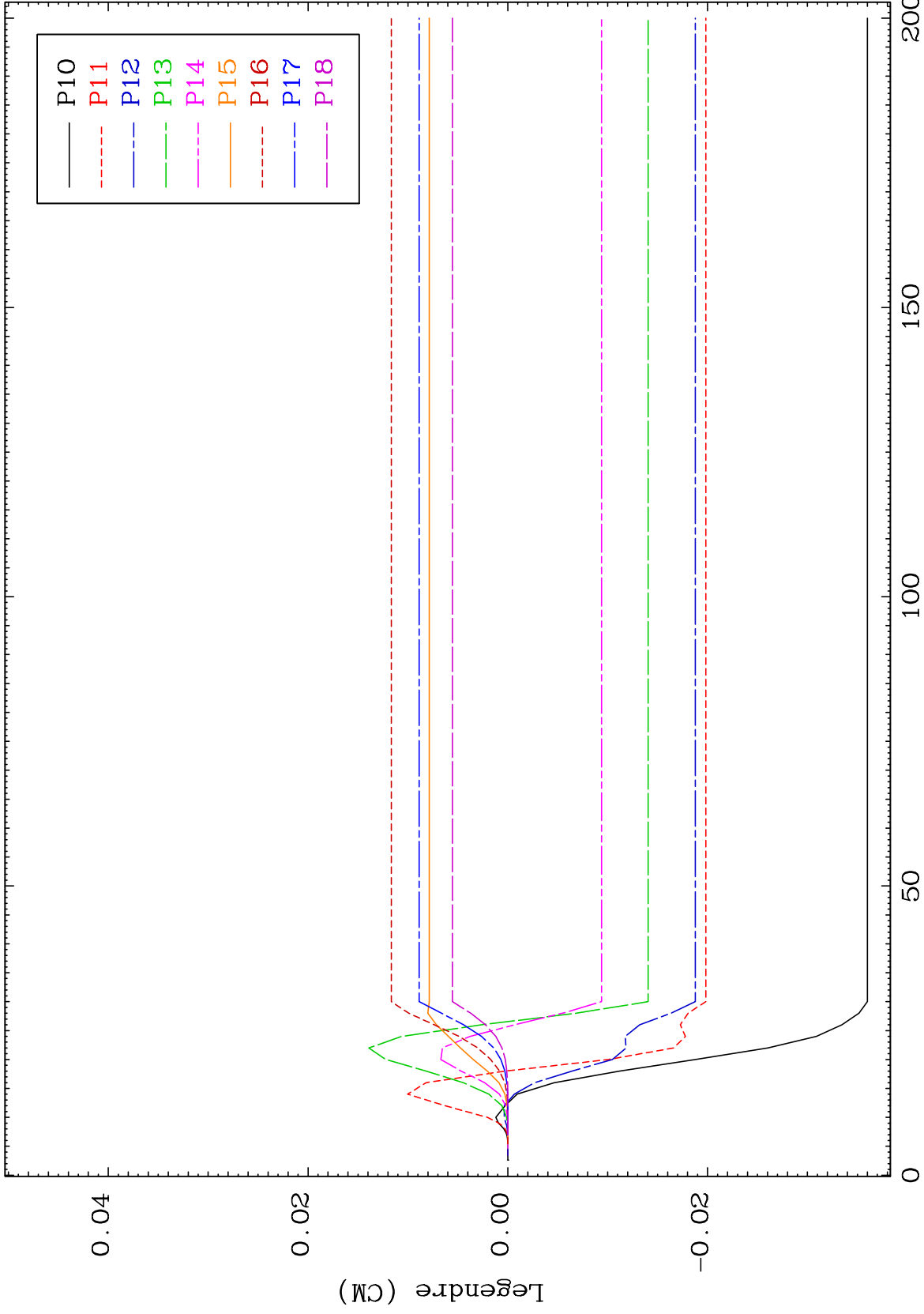
Incident Energy (MeV)

55

MAT 4113

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

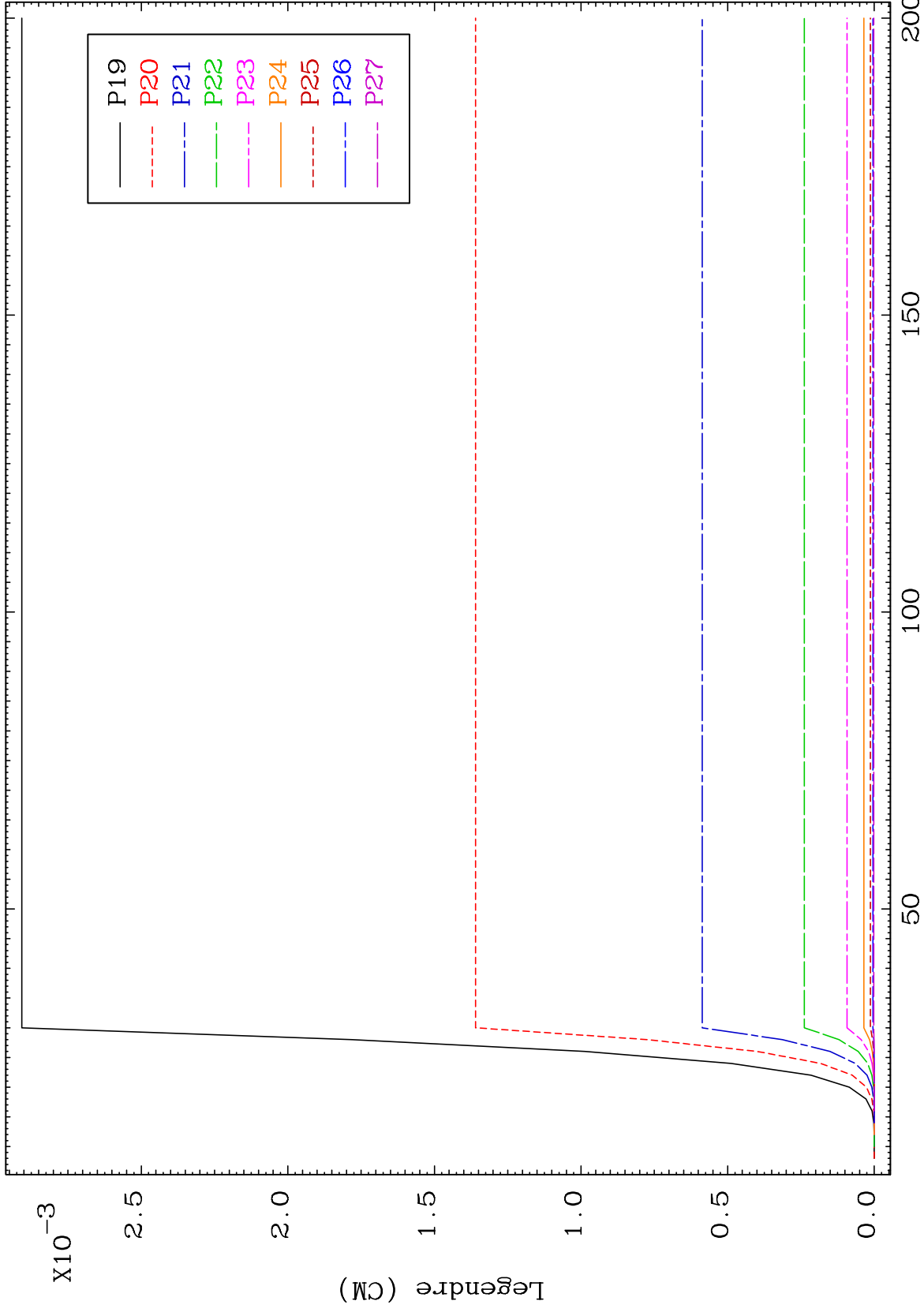
41-Nb-89



56

Incident Energy (MeV)

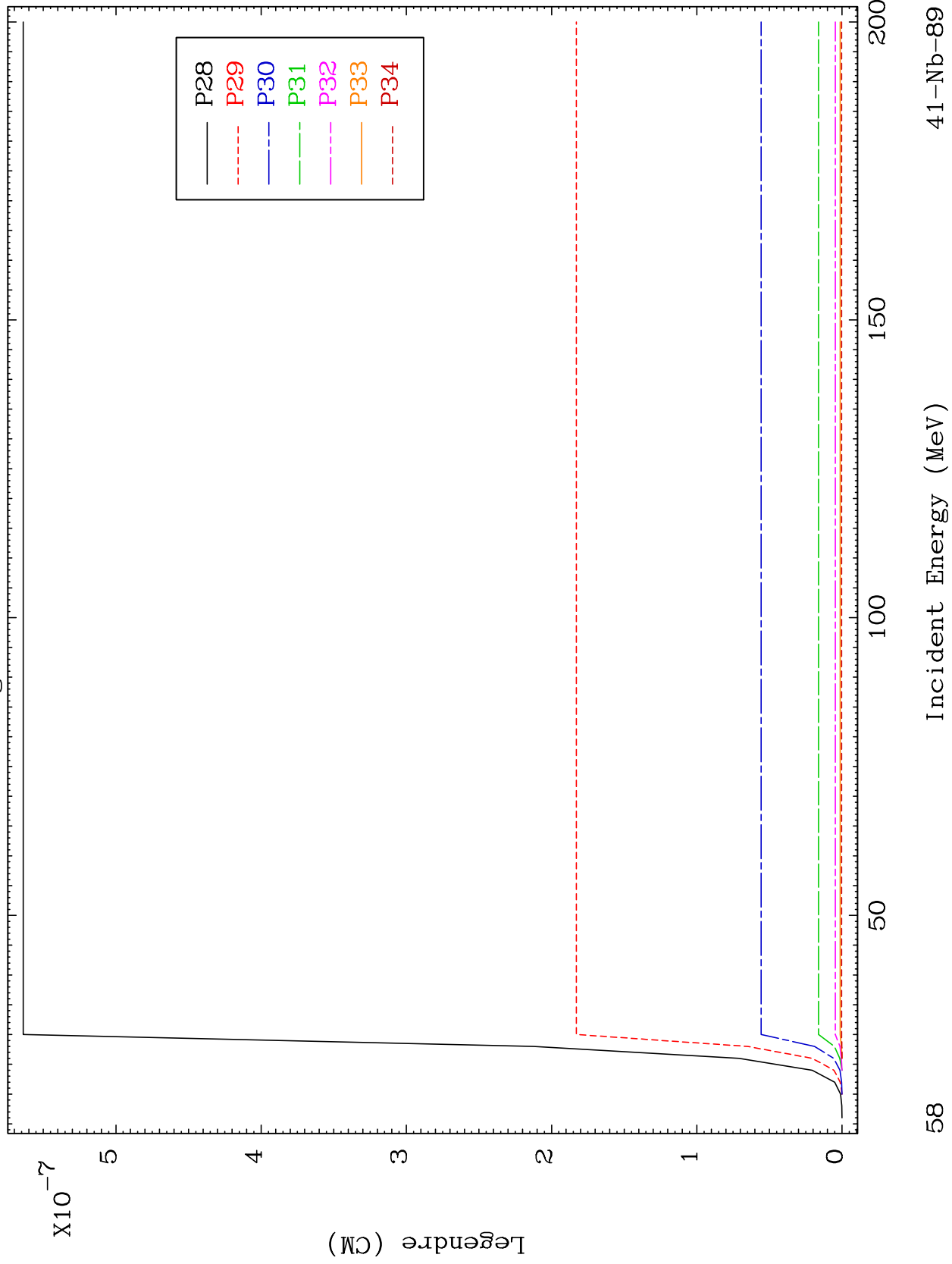
41-Nb-89



MAT 4113

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

41-Nb-89



58

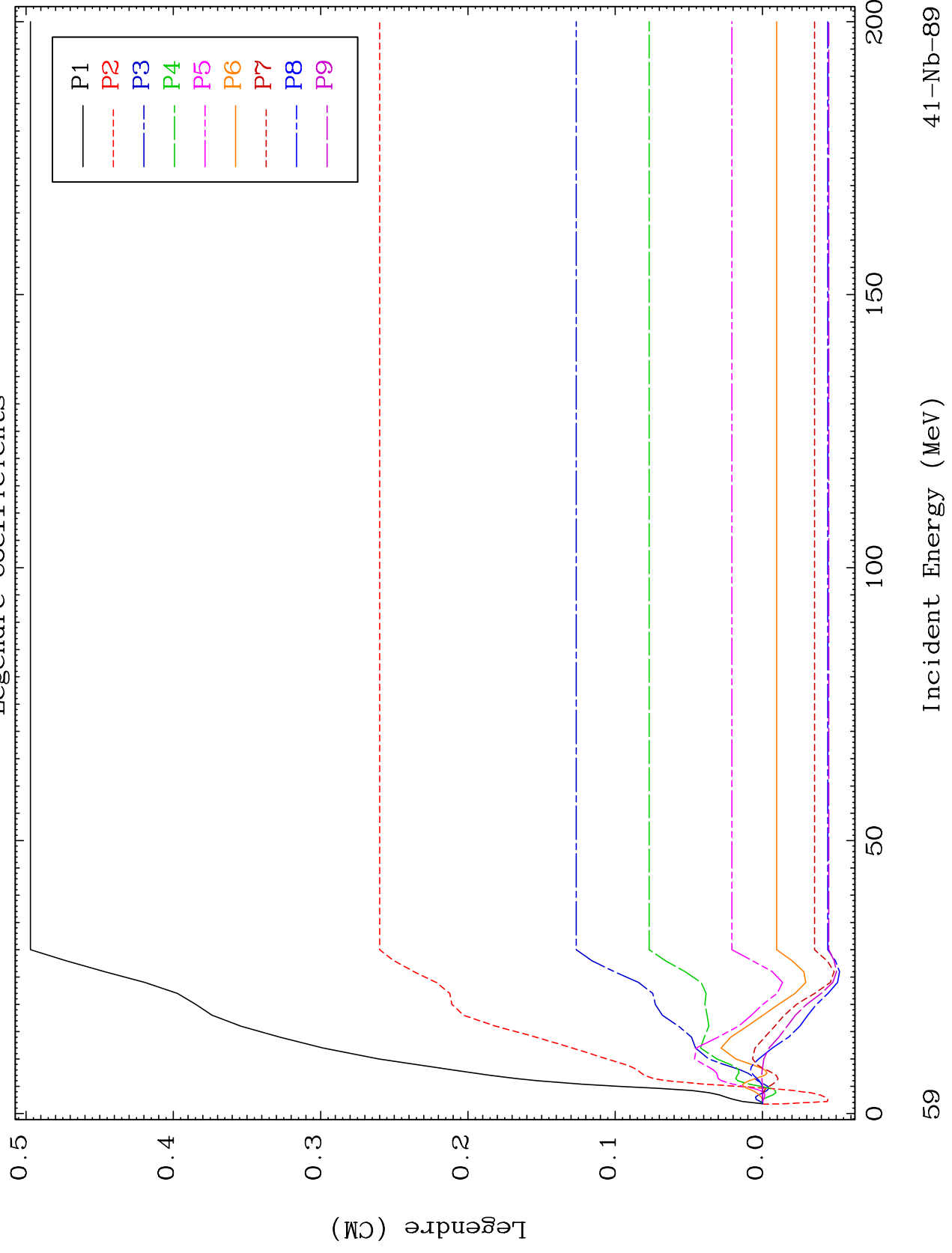
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89

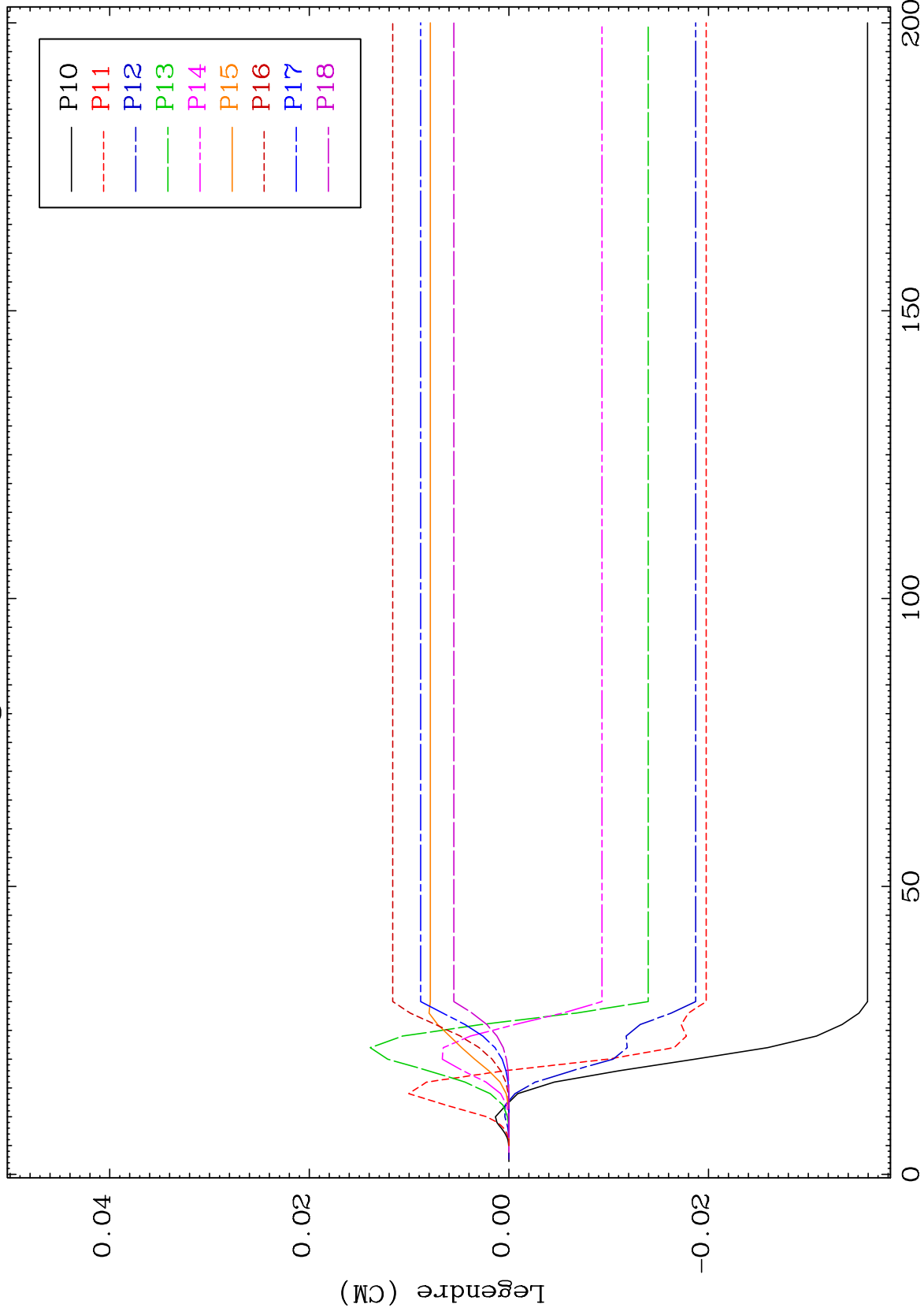


59

MAT 4113

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

41-Nb-89



60

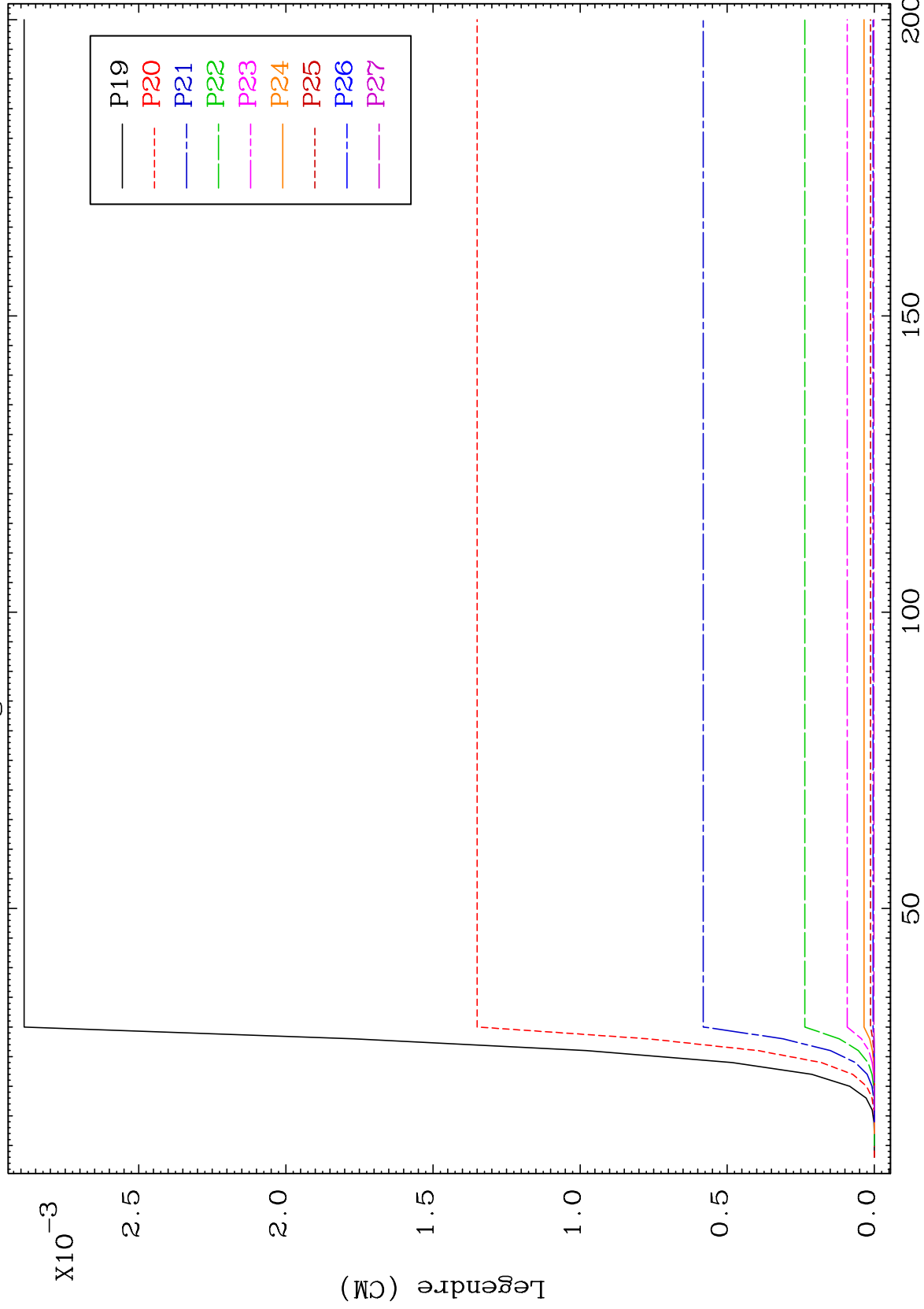
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



61

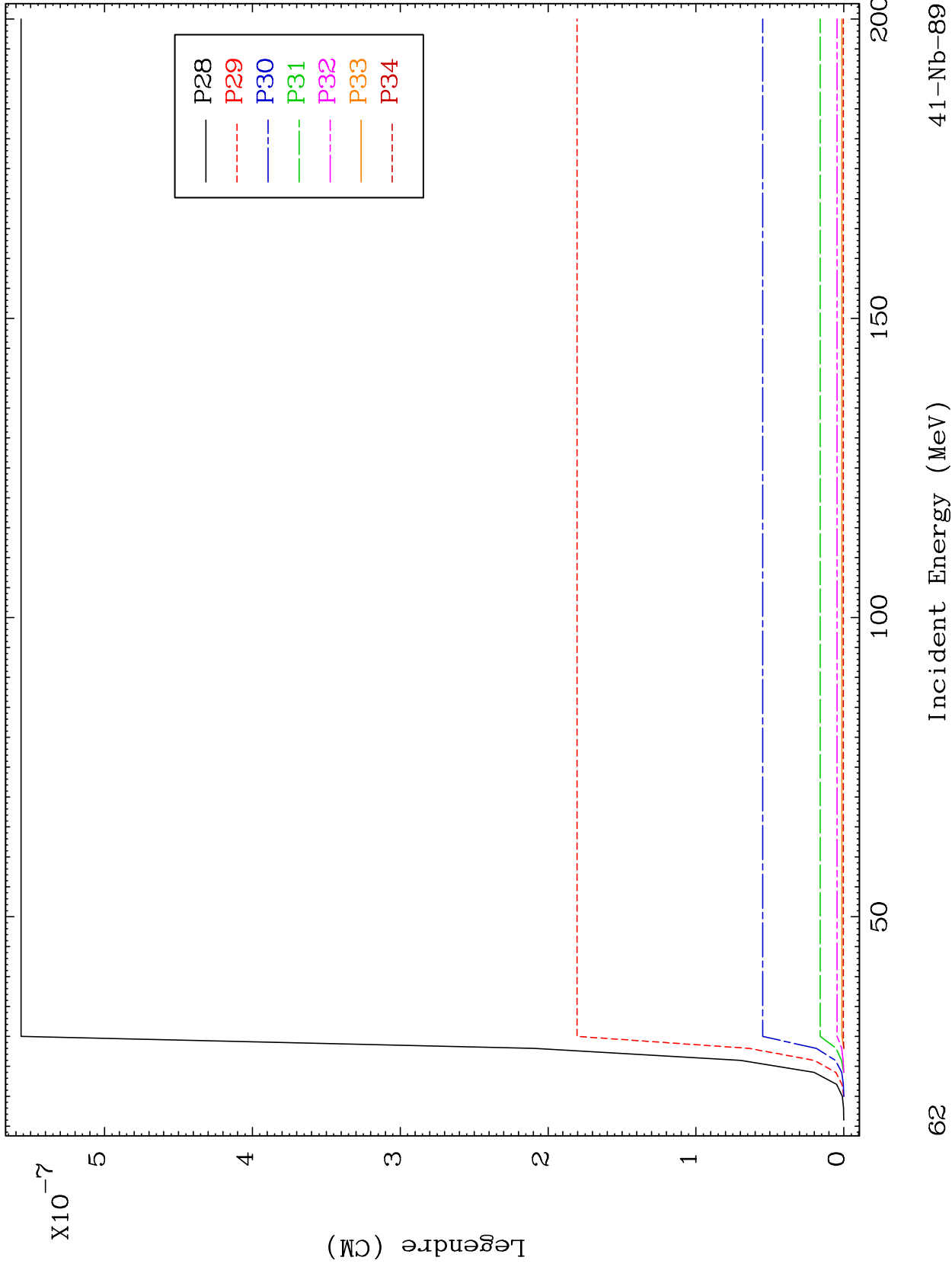
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

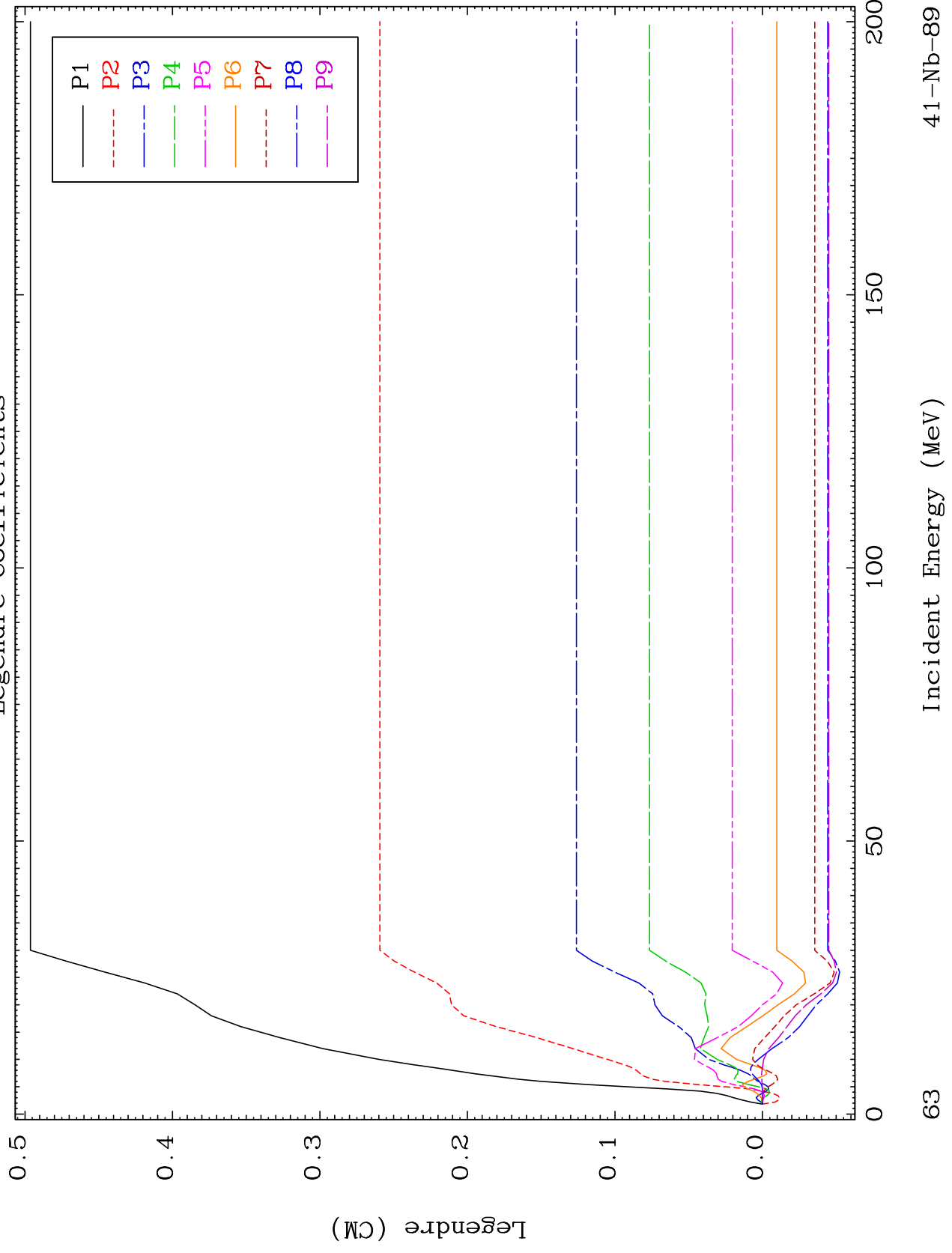
41-Nb-89



MAT 4113

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

41-Nb-89



63

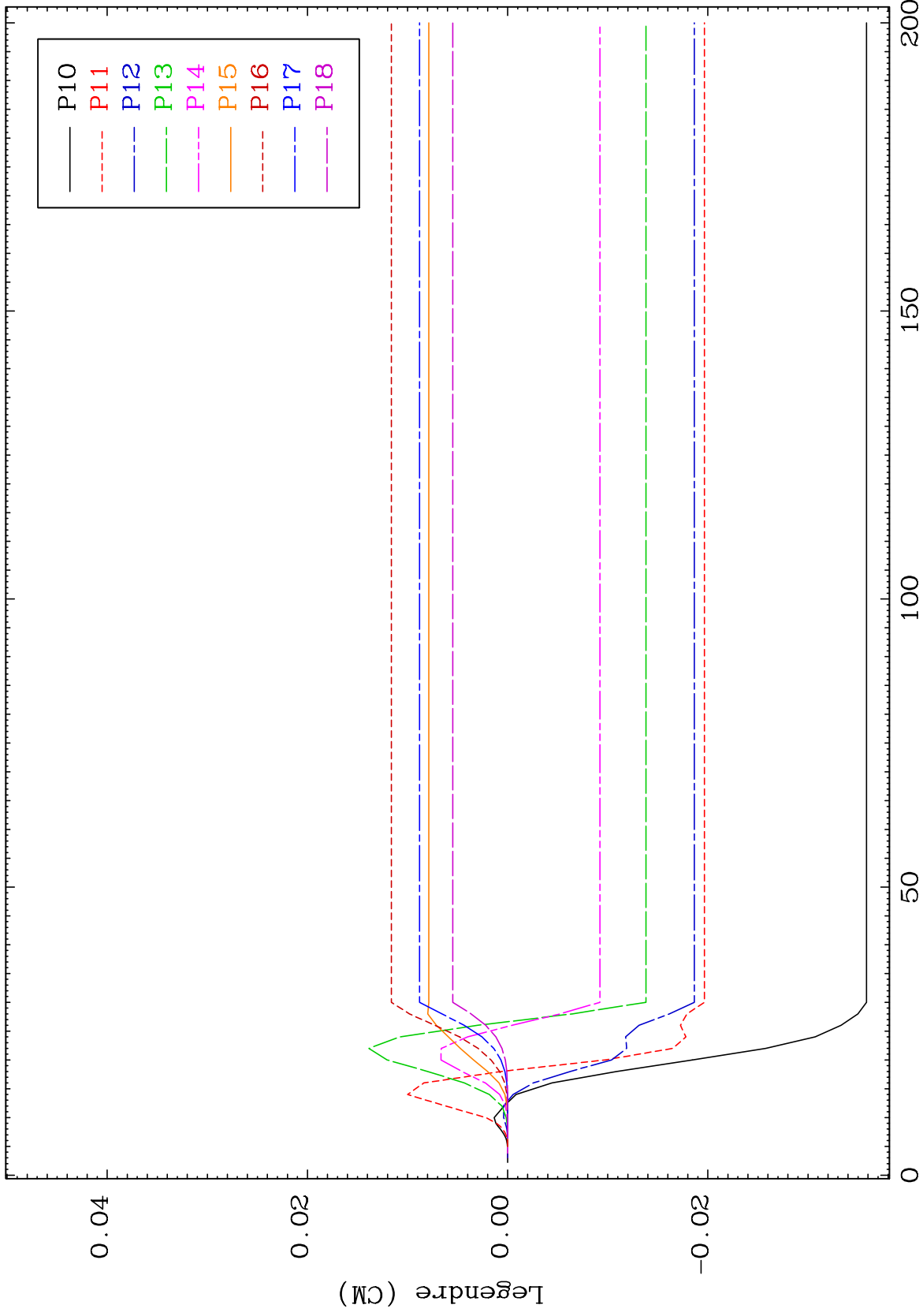
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



64

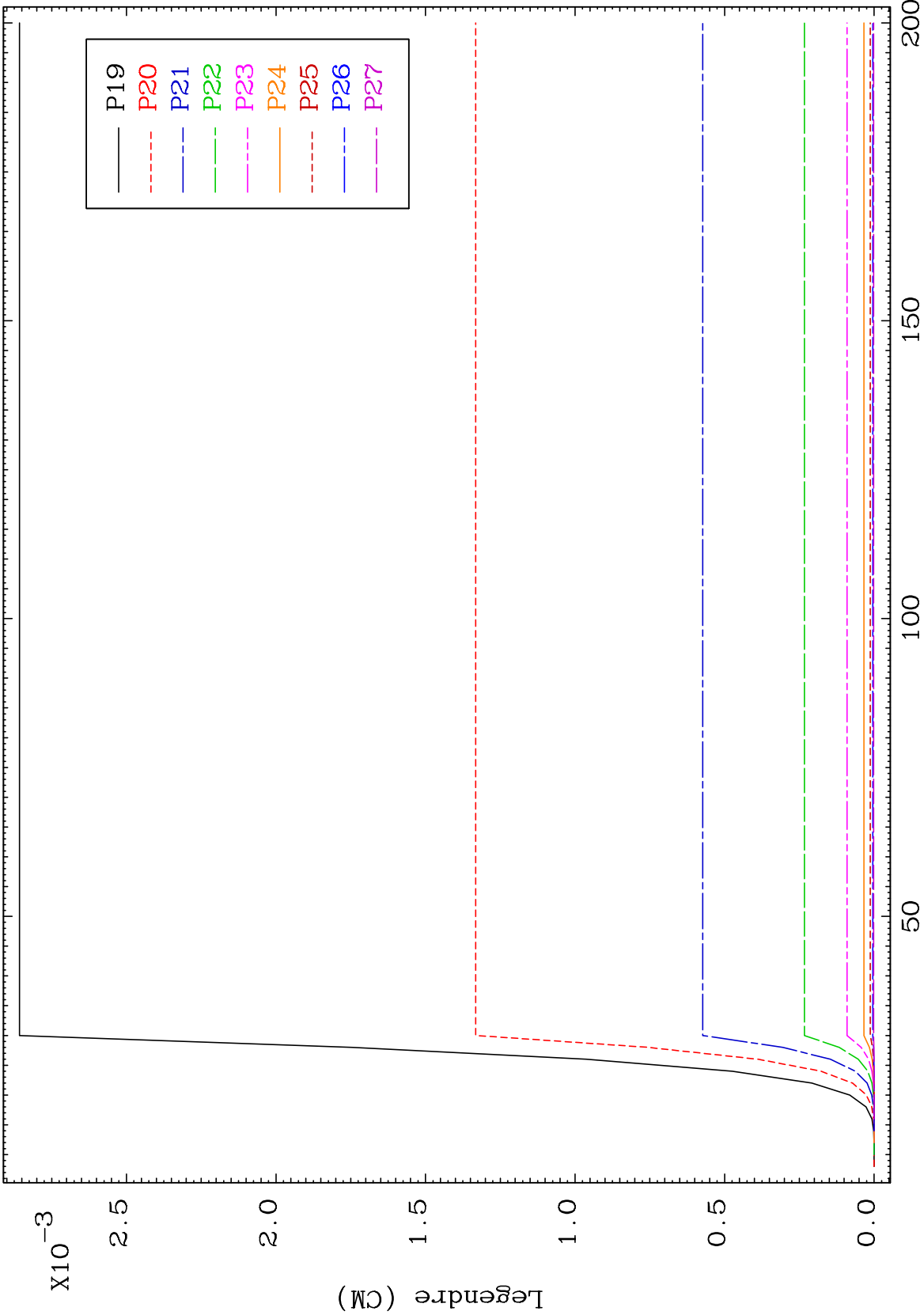
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



65

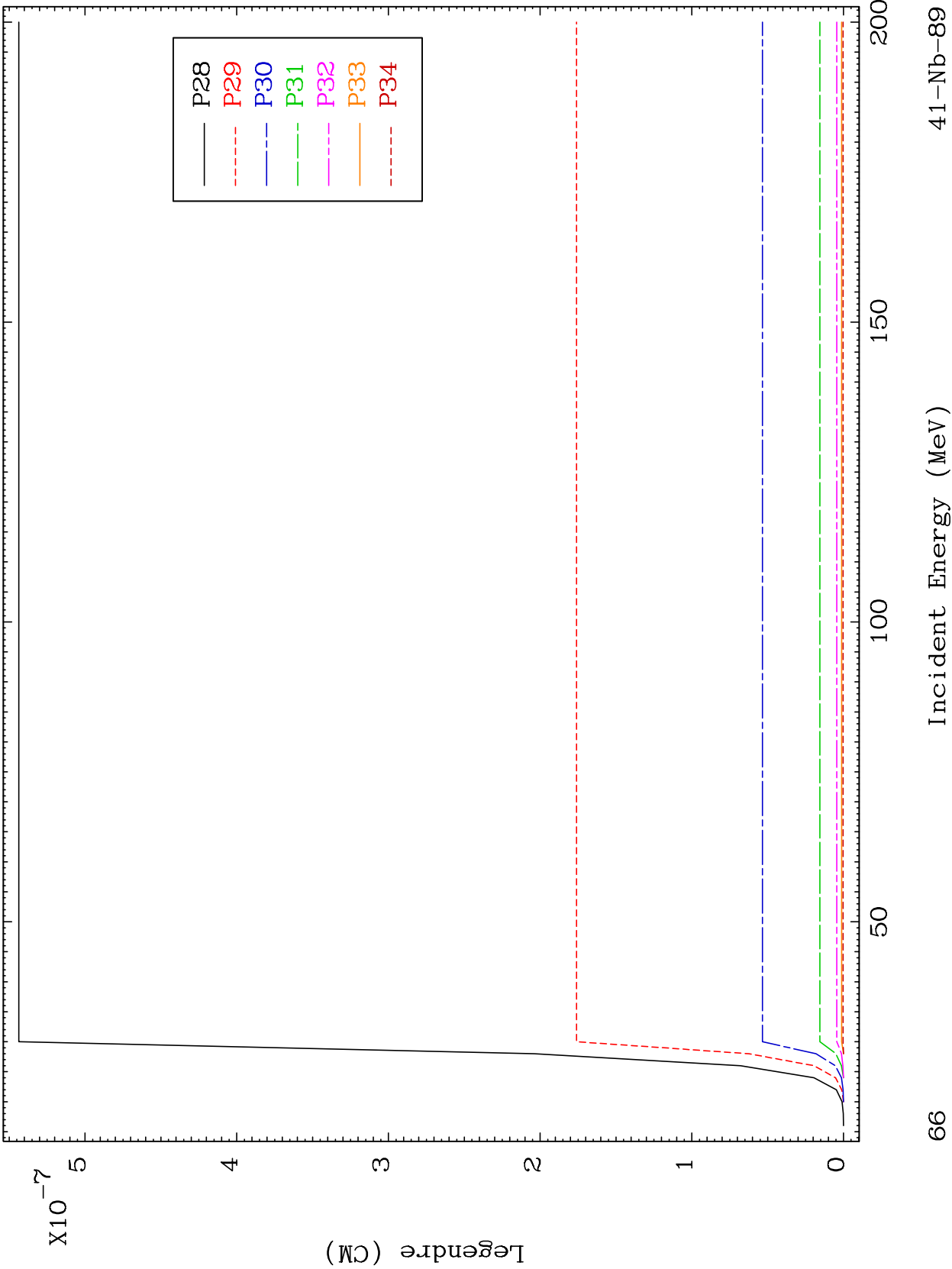
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



66

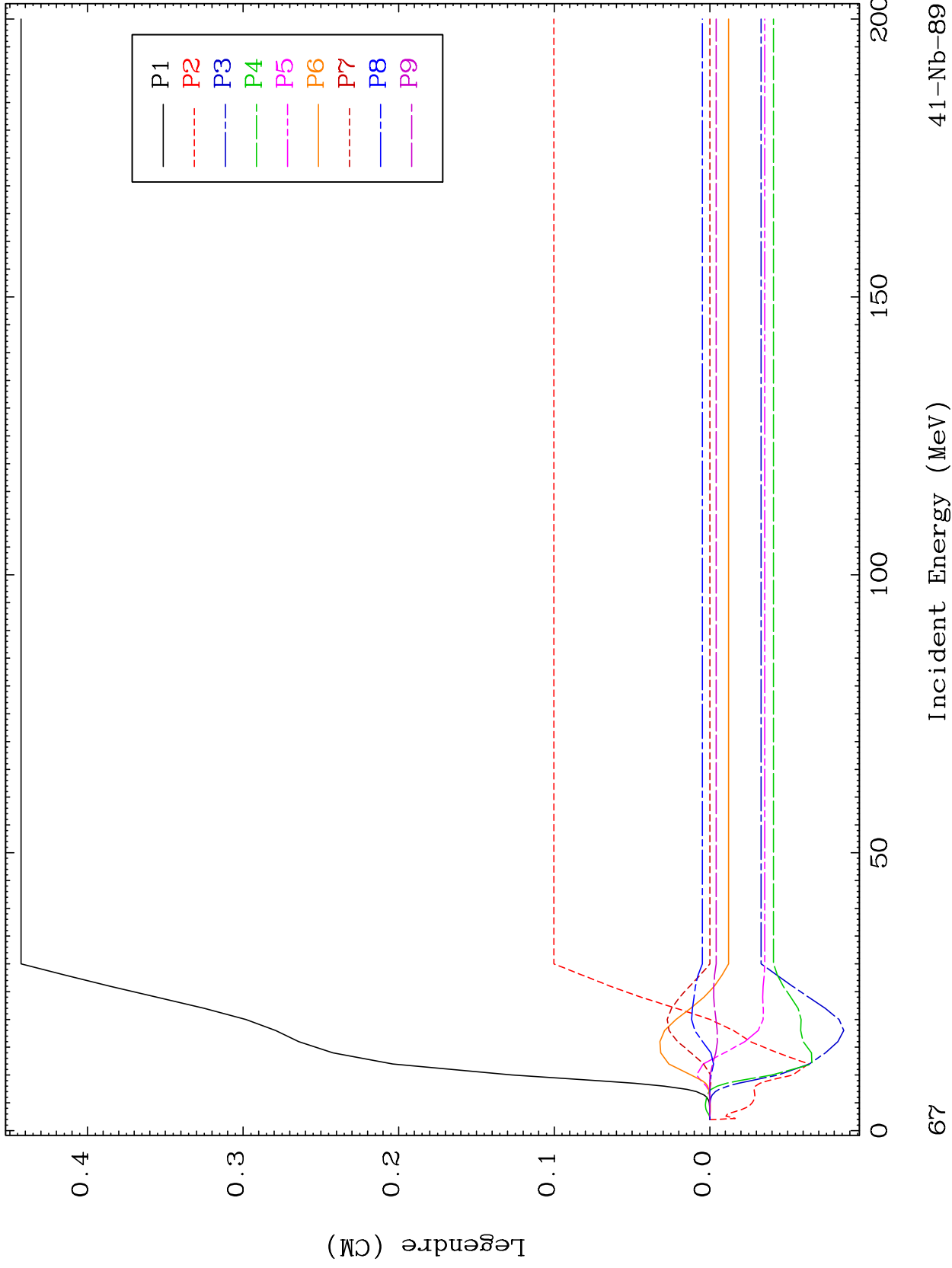
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



41-Nb-89

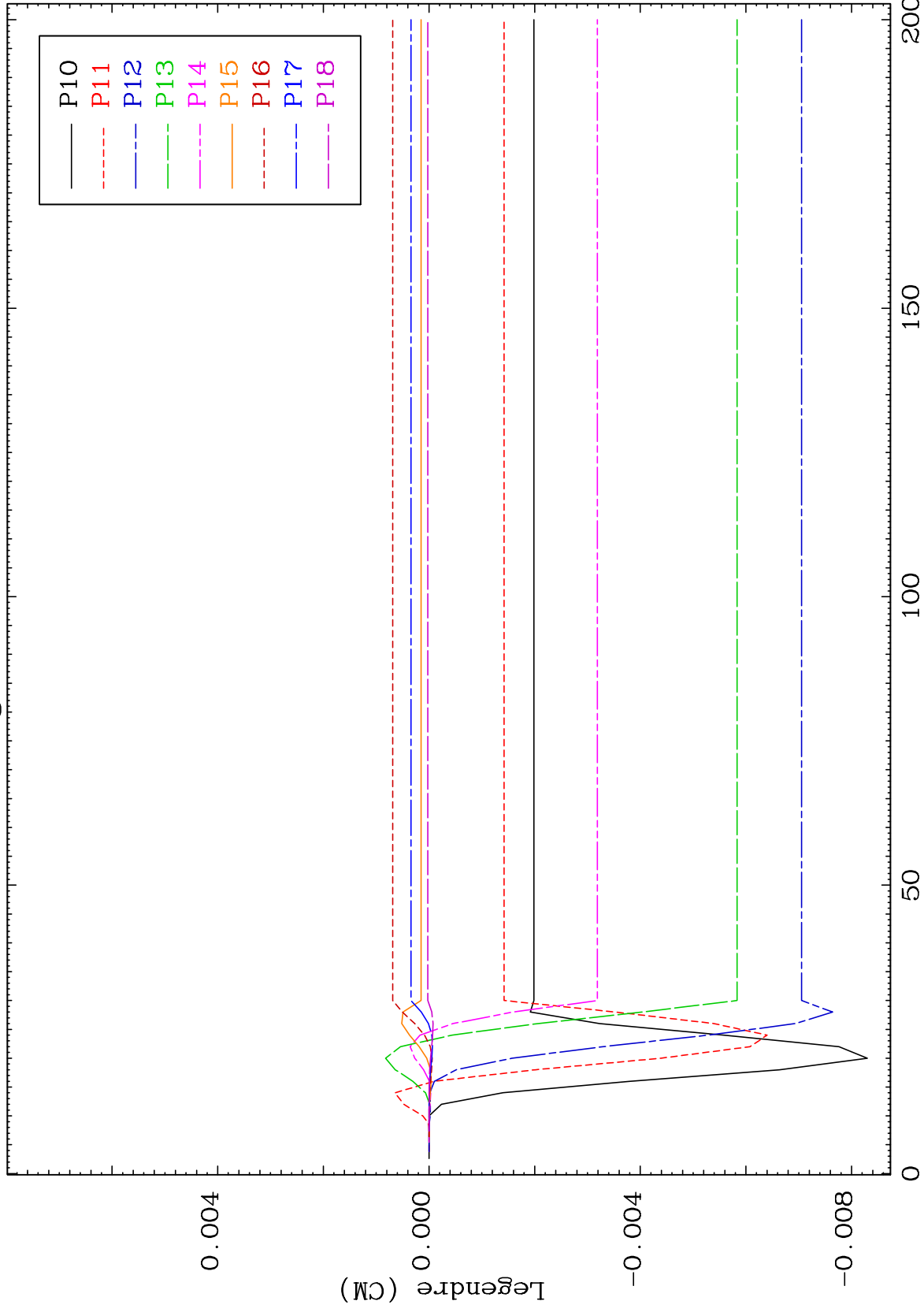
Incident Energy (MeV)

67

MAT 4113

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

41-Nb-89



68

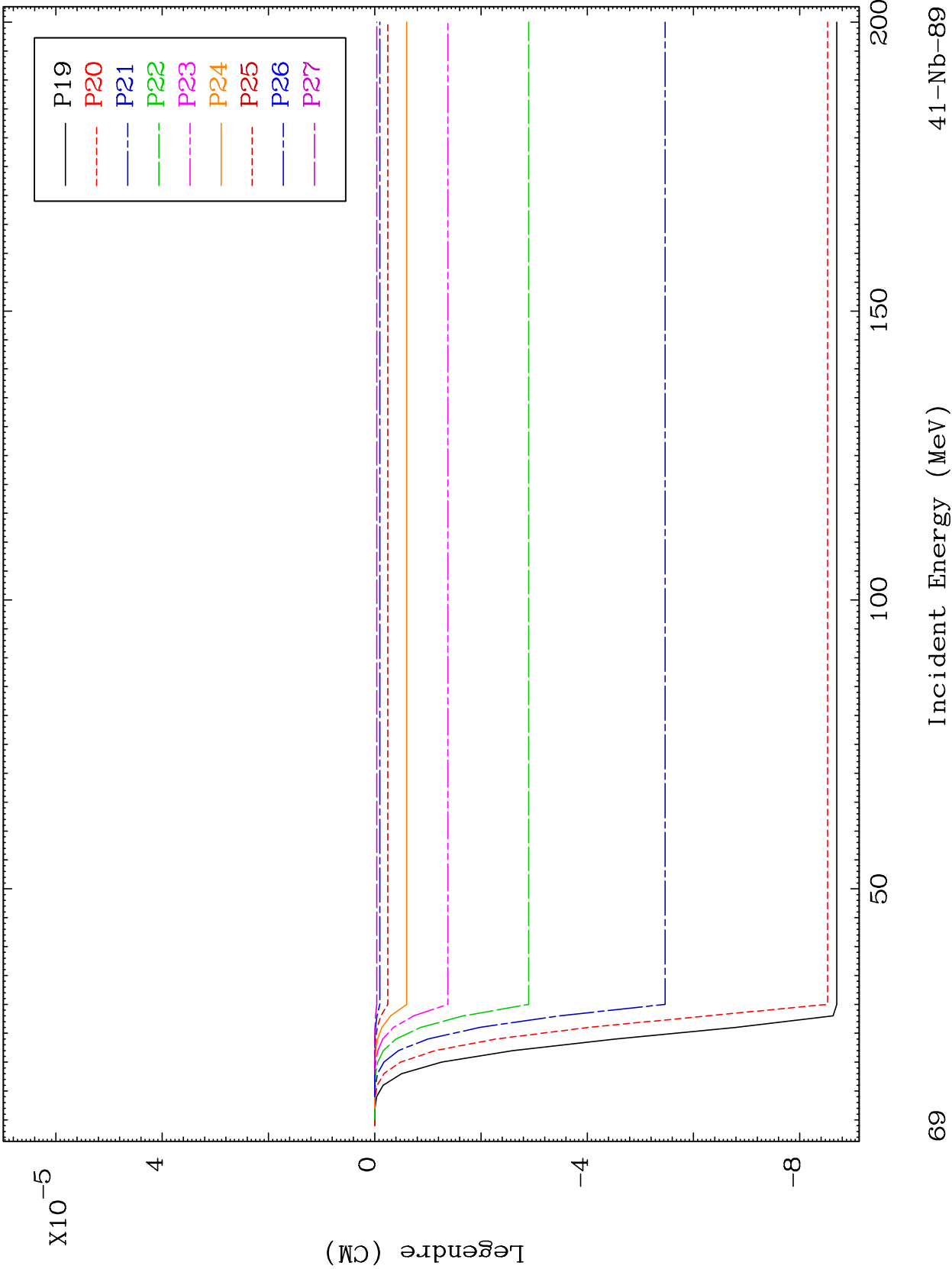
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

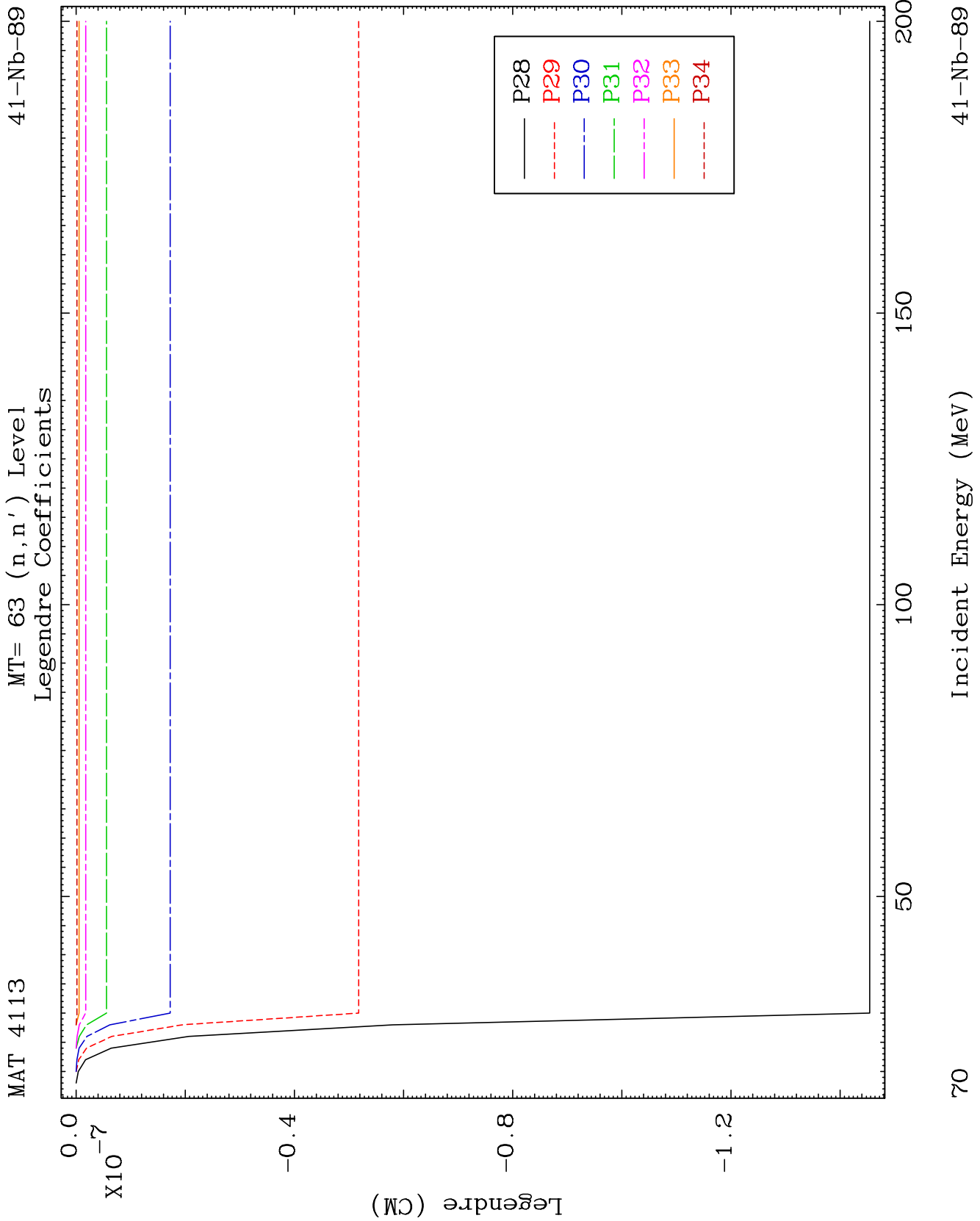
41-Nb-89



69

Incident Energy (MeV)

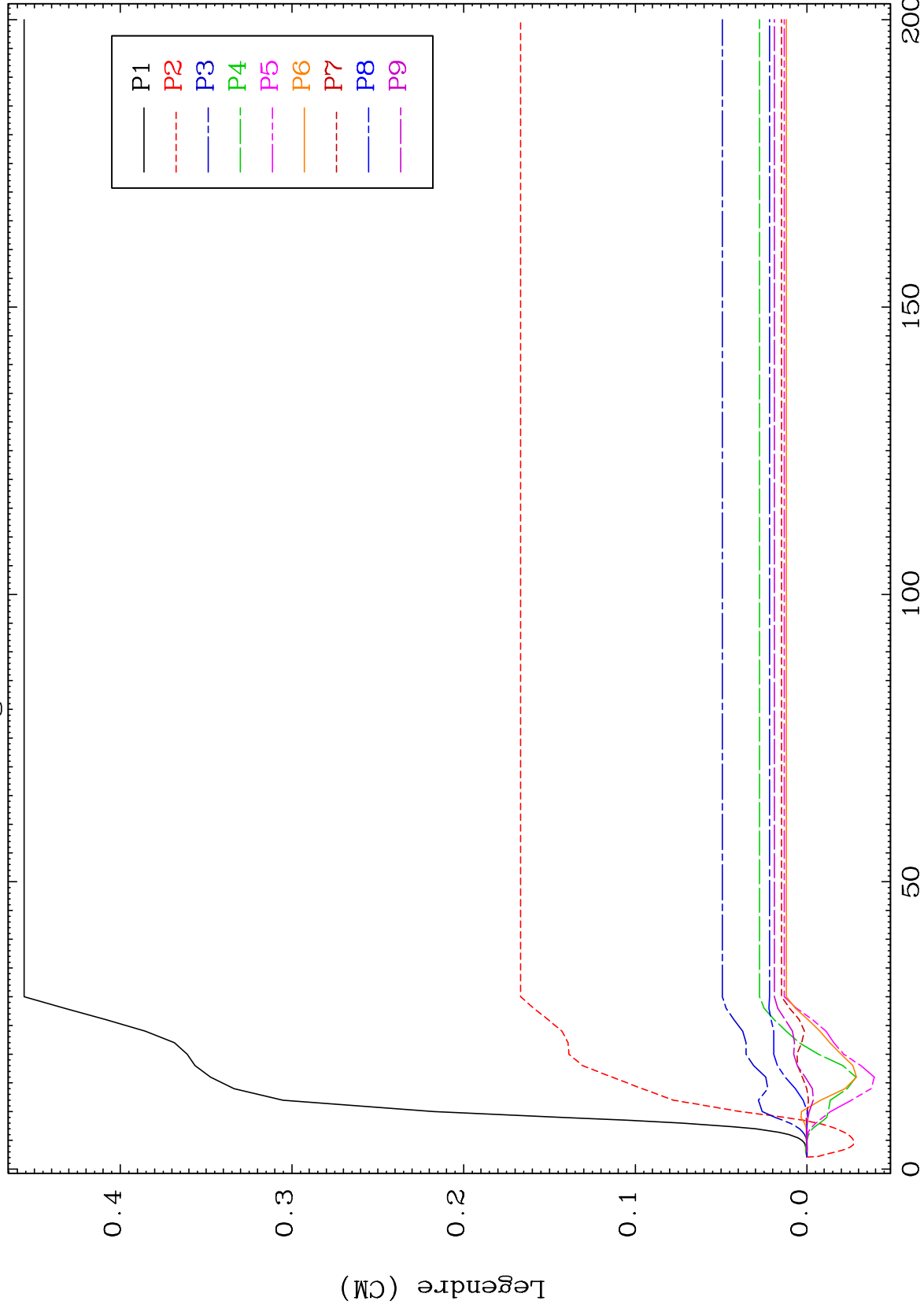
41-Nb-89



MAT 4113

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

41-Nb-89



71

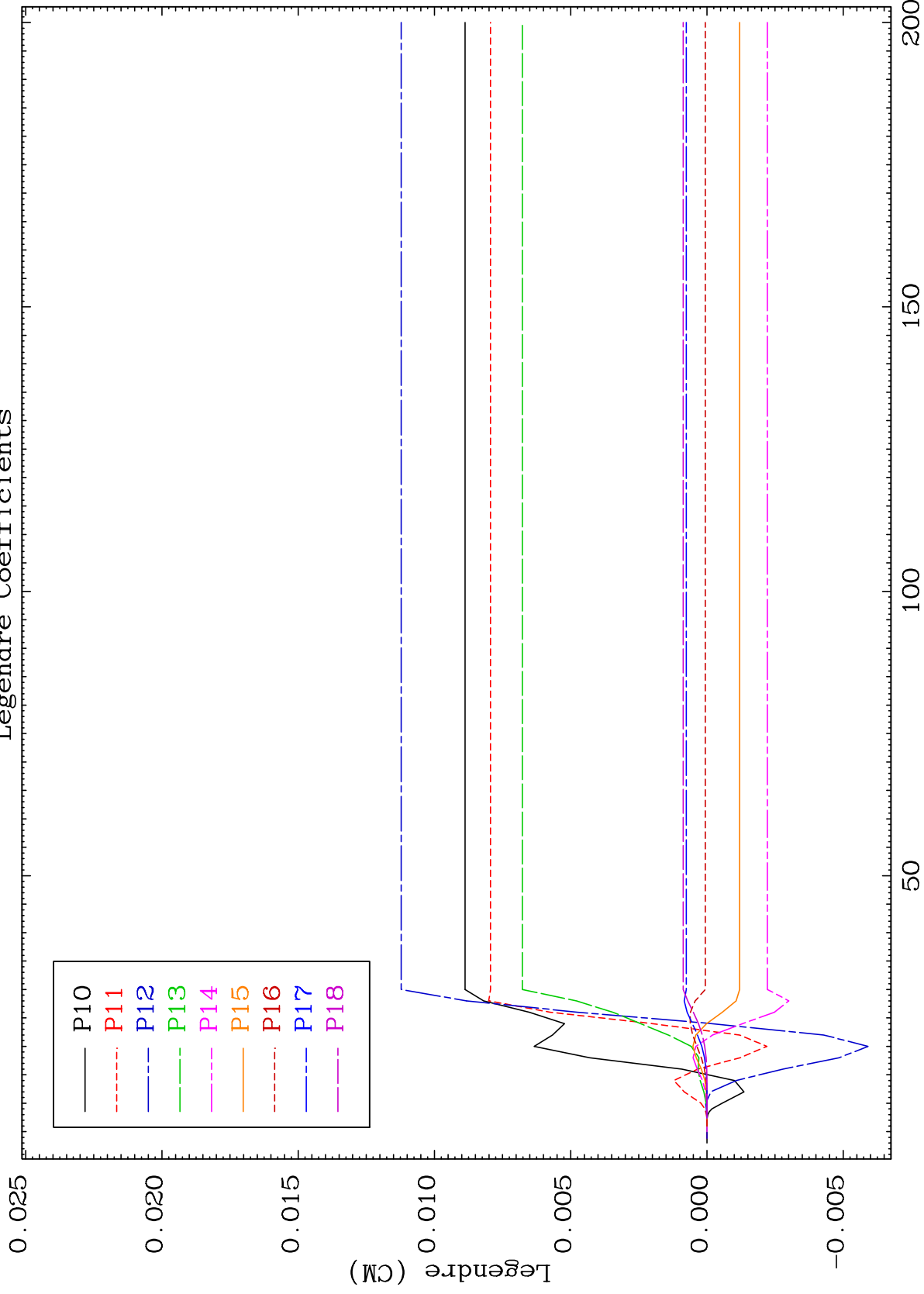
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

41-Nb-89



72

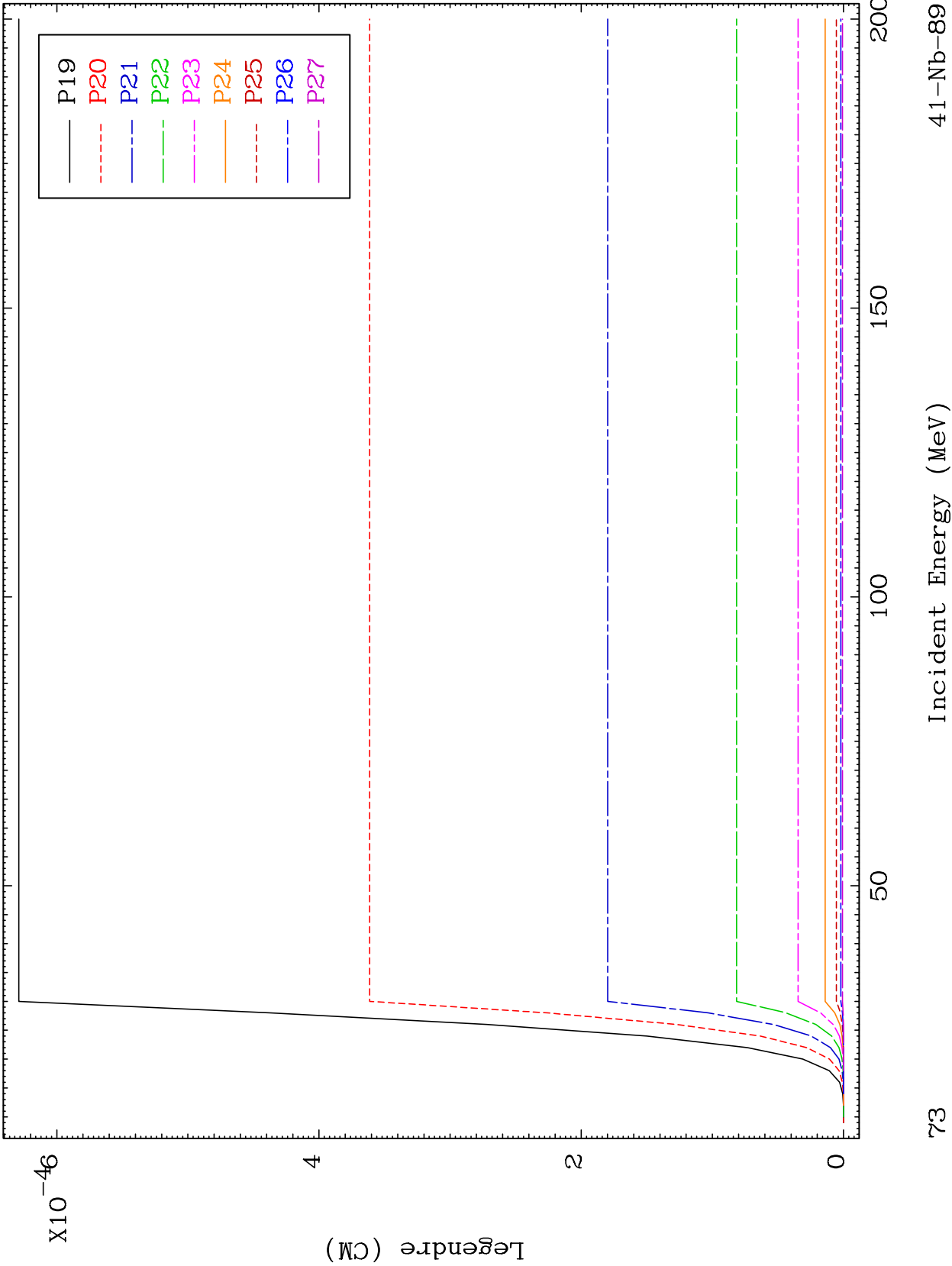
Incident Energy (MeV)

41-Nb-89

MAT 4113

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

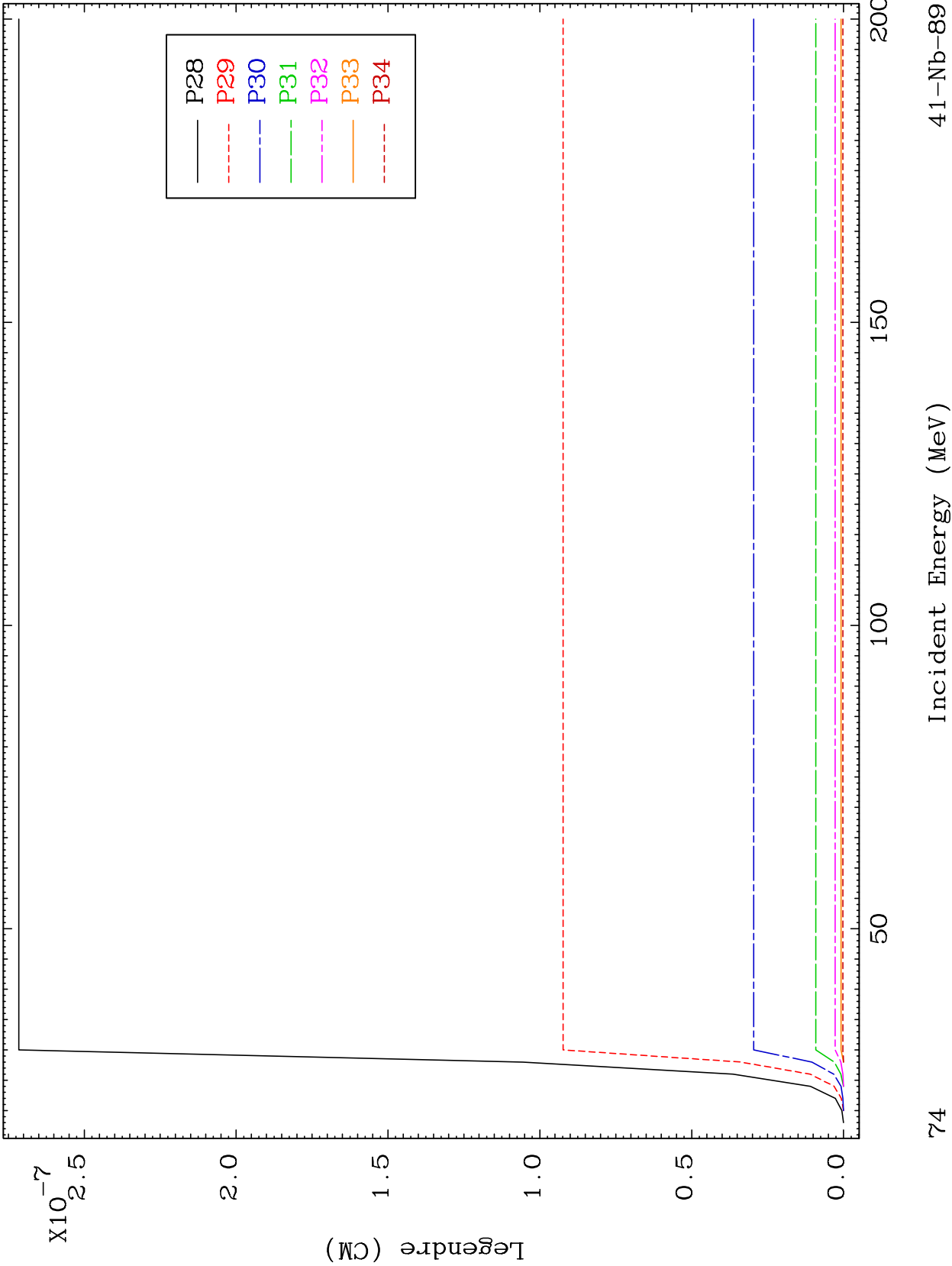
41-Nb-89



MAT 4113

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

41-Nb-89



74

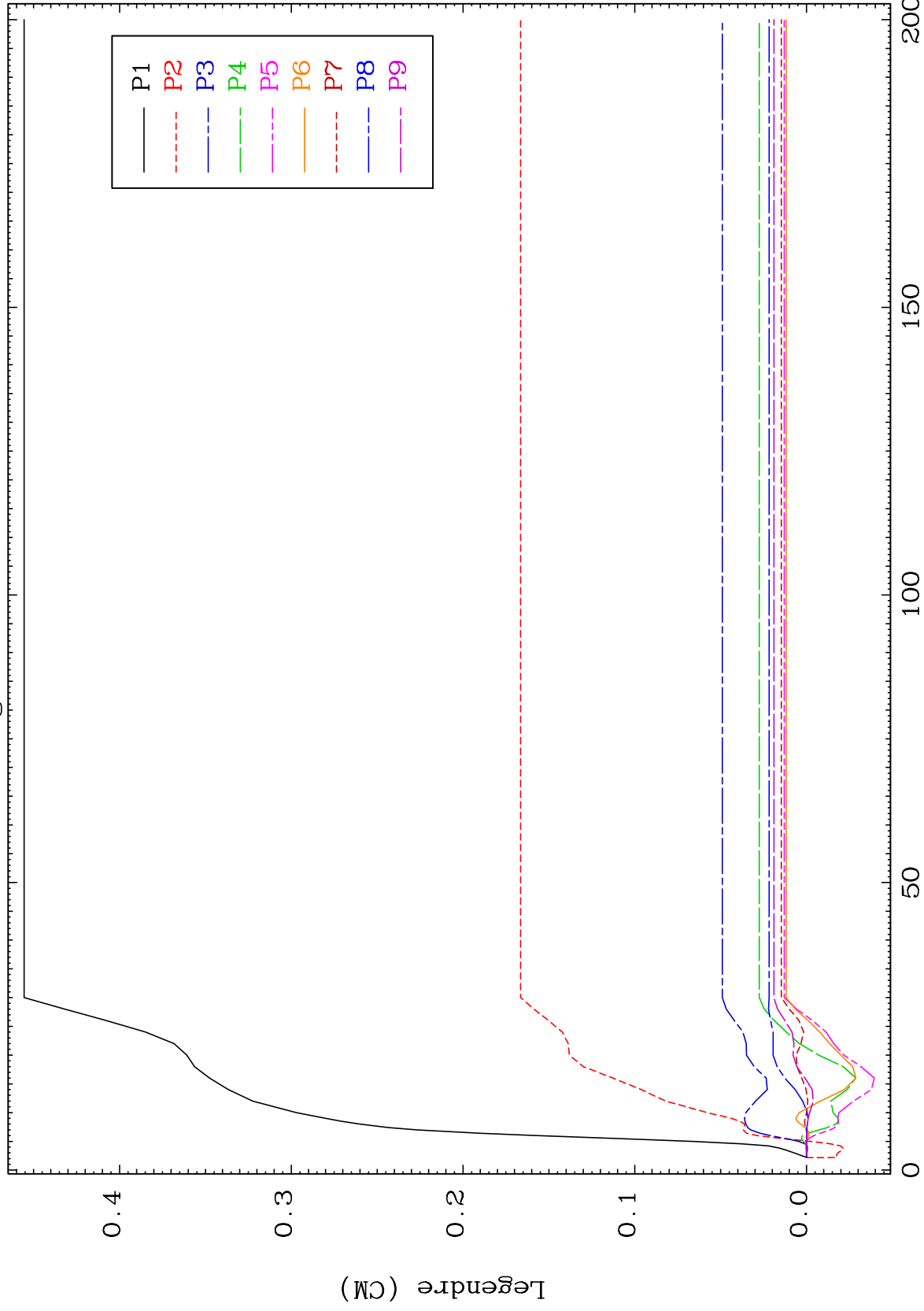
Incident Energy (MeV)

41-Nb-89

MAT 4113

MT= 65 (n,n') Level
Legendre Coefficients

41-Nb-89



75

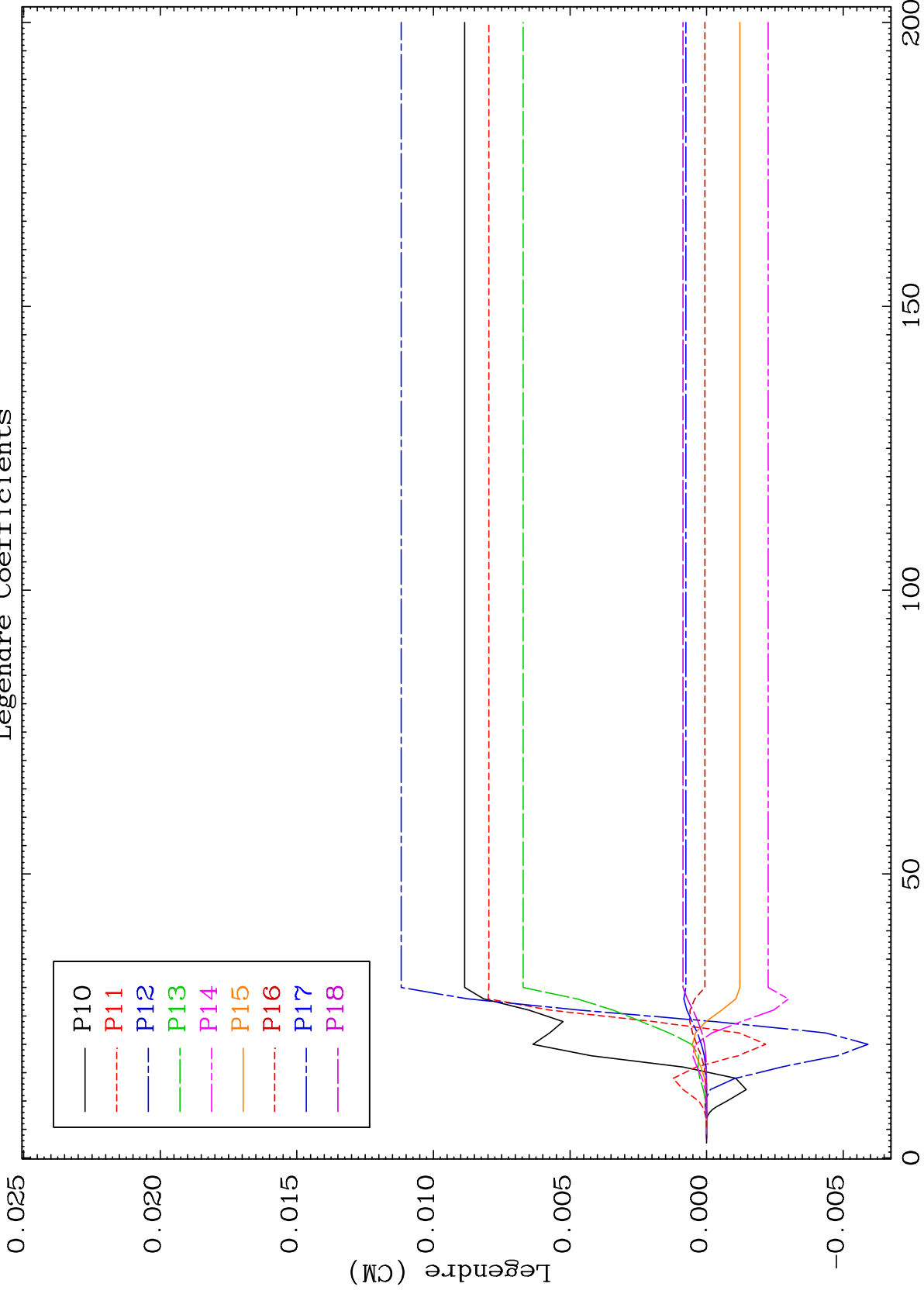
Incident Energy (MeV)

41-Nb-89

MAT 4113

MT= 65 (n,n') Level
Legendre Coefficients

41-Nb-89



76

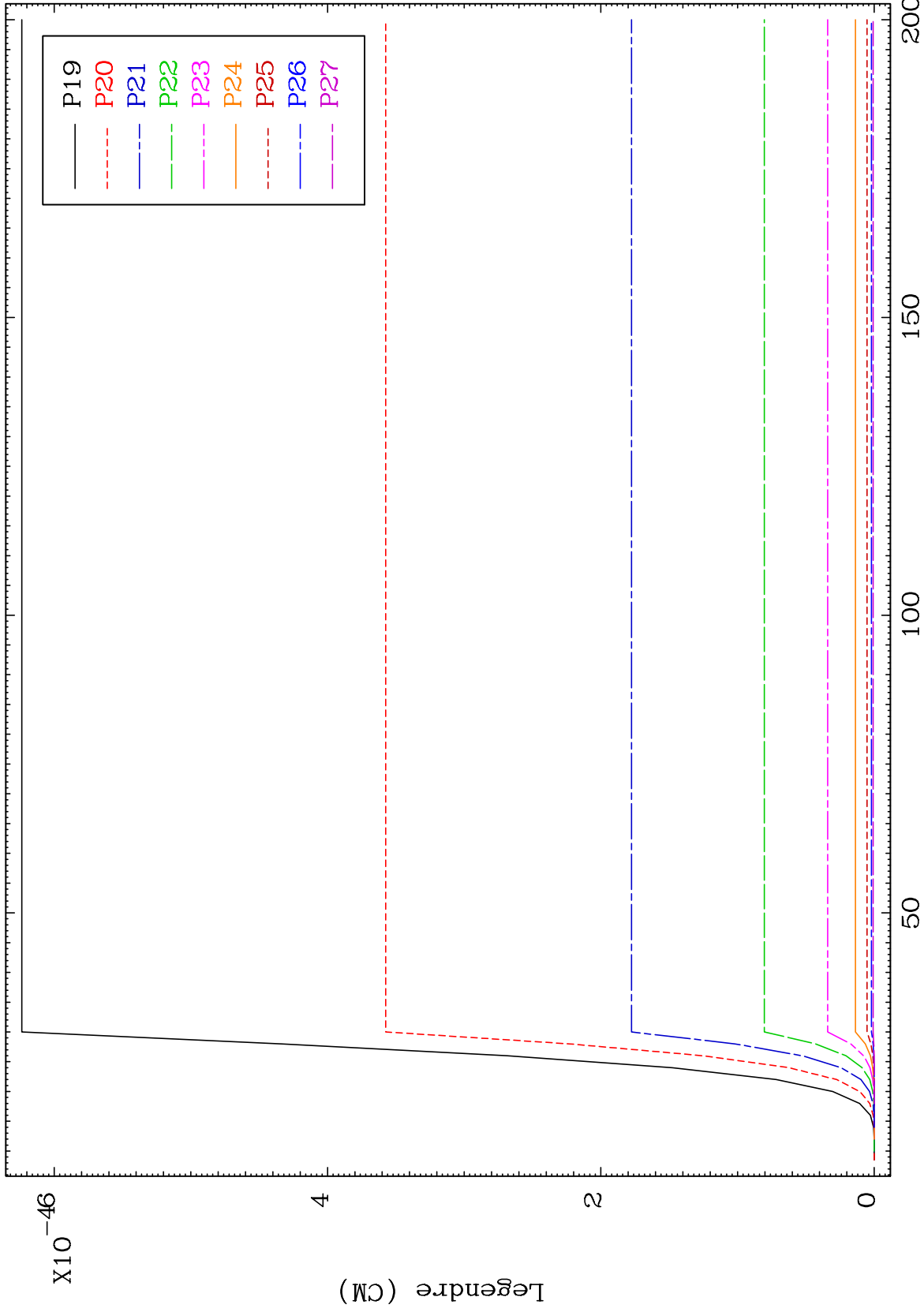
Incident Energy (MeV)

41-Nb-89

MAT 4113

MT= 65 (n,n') Level
Legendre Coefficients

41-Nb-89



77

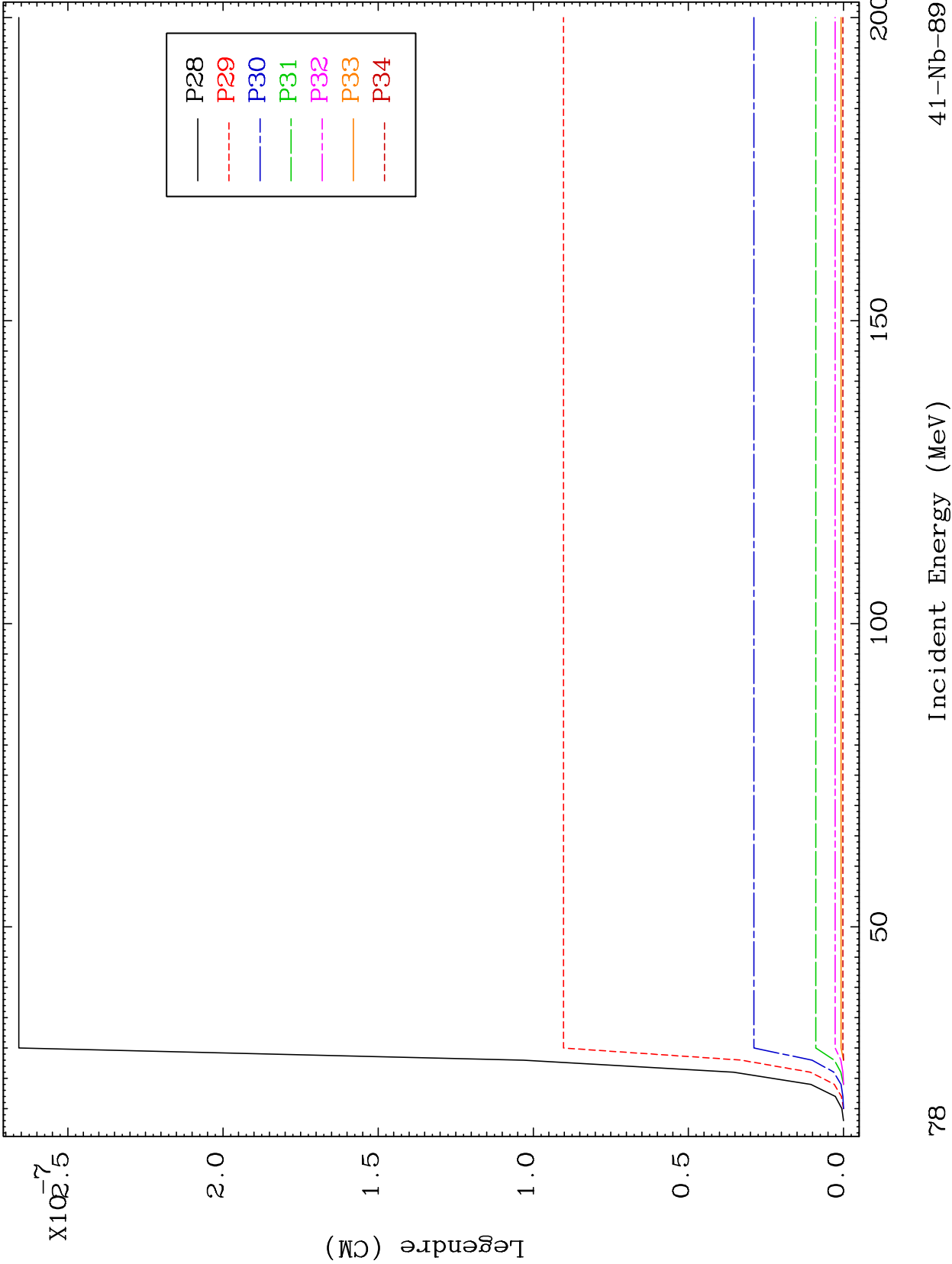
Incident Energy (MeV)

41-Nb-89

MAT 4113

MT= 65 (n,n') Level
Legendre Coefficients

41-Nb-89



78

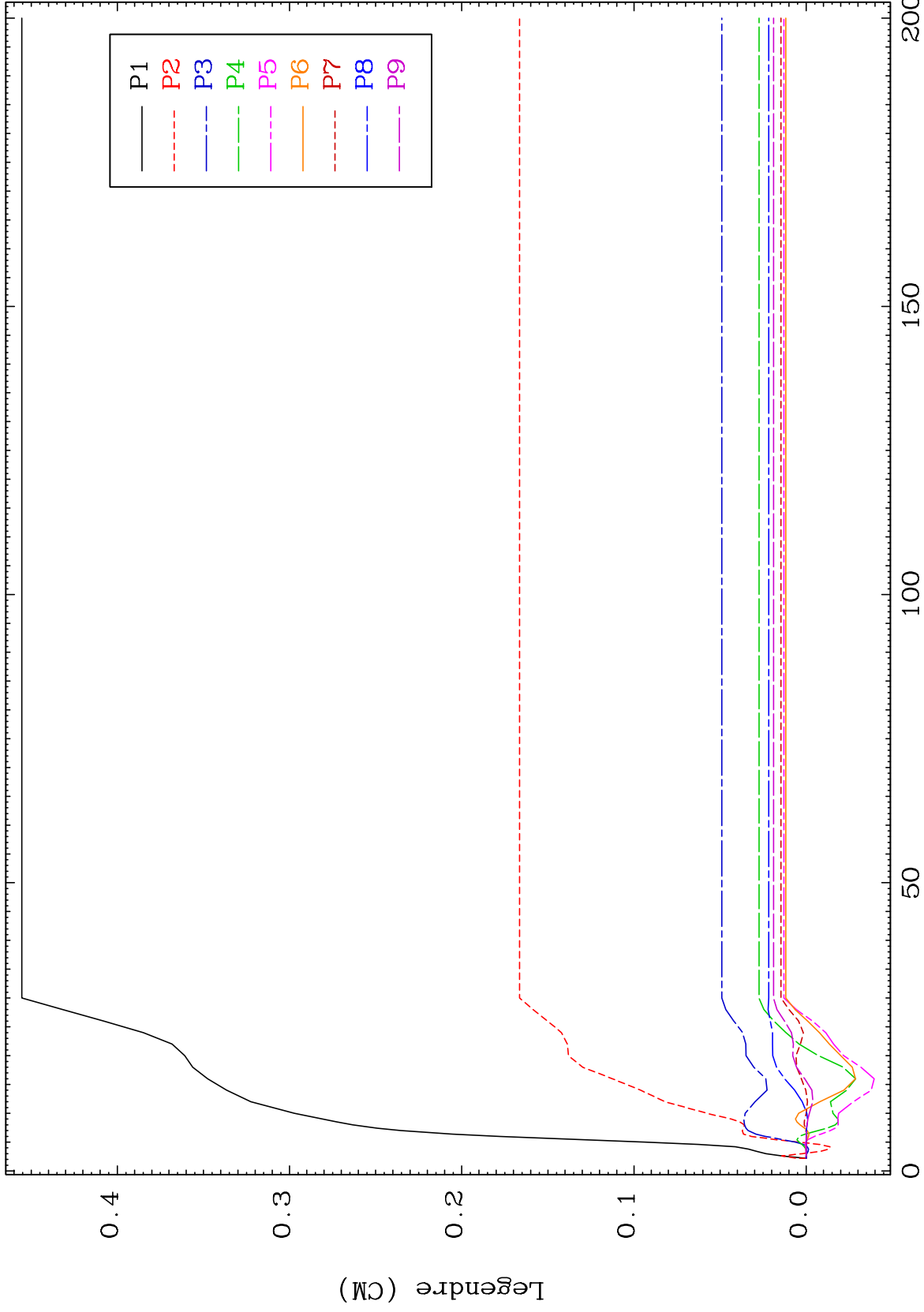
Incident Energy (MeV)

41-Nb-89

MAT 4113

MT= 66 (n,n') Level
Legendre Coefficients

41-Nb-89



79

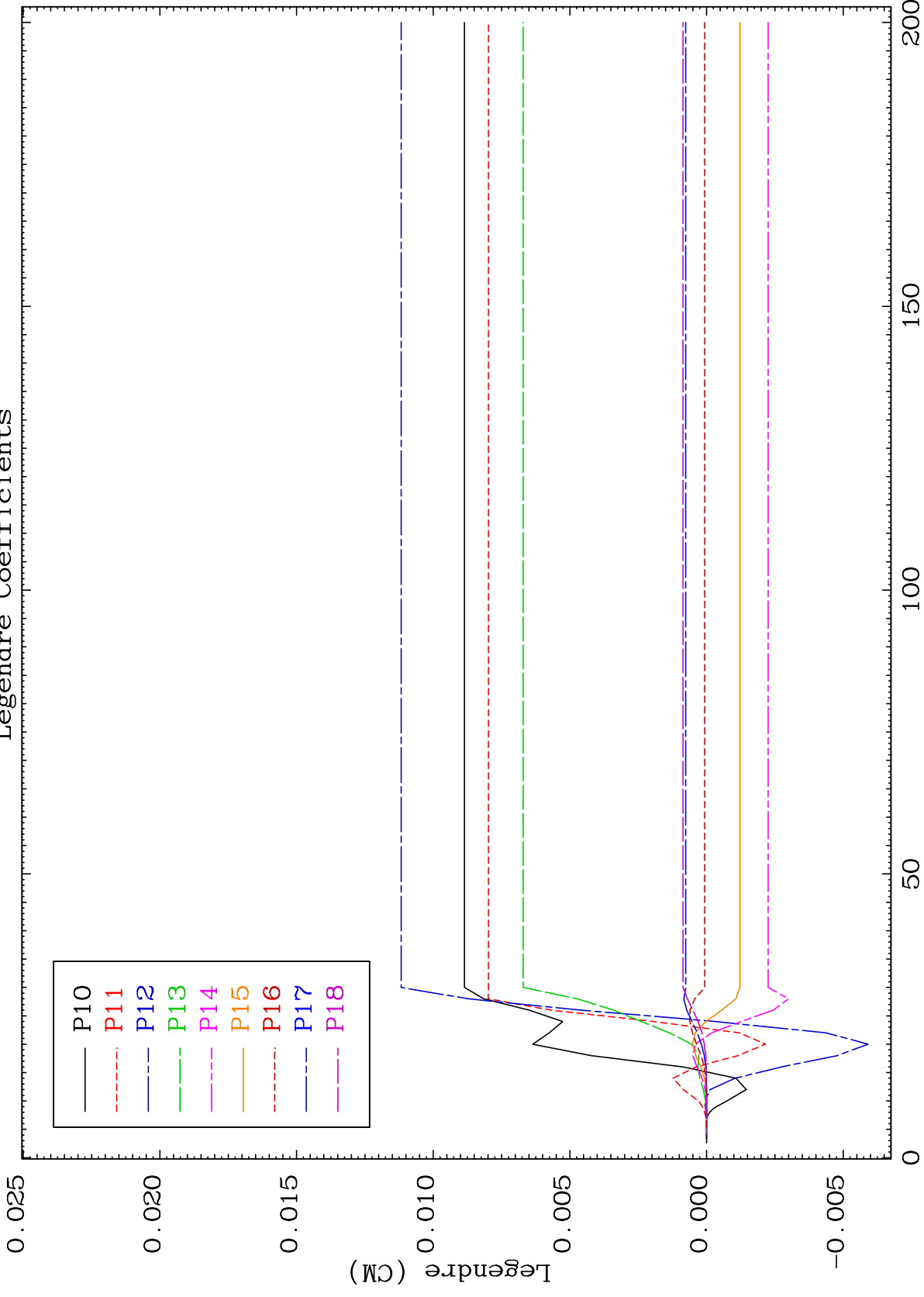
Incident Energy (MeV)

41-Nb-89

MAT 4113

MT= 66 (n,n') Level
Legendre Coefficients

41-Nb-89



80

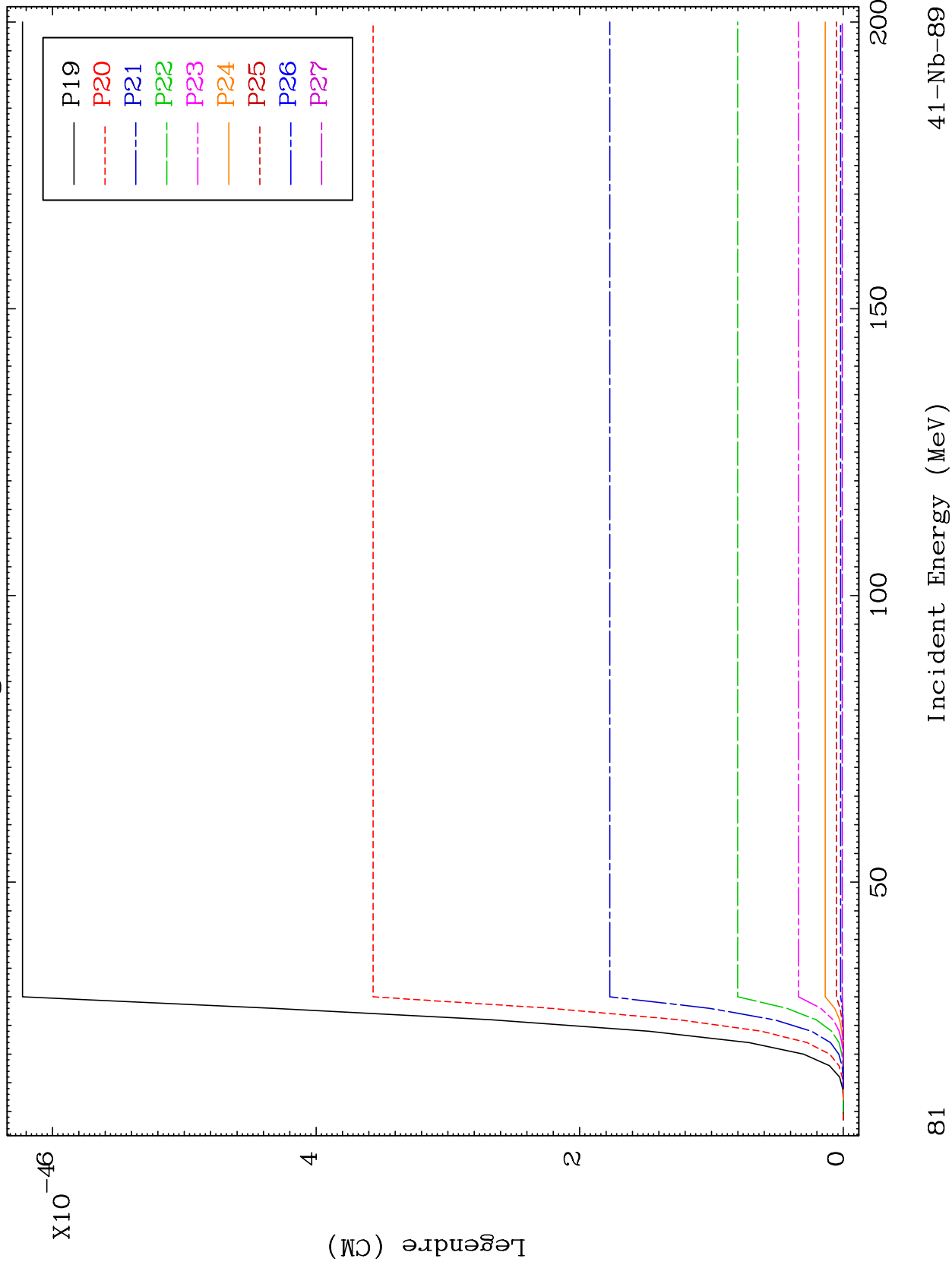
Incident Energy (MeV)

41-Nb-89

MAT 4113

MT= 66 (n,n') Level
Legendre Coefficients

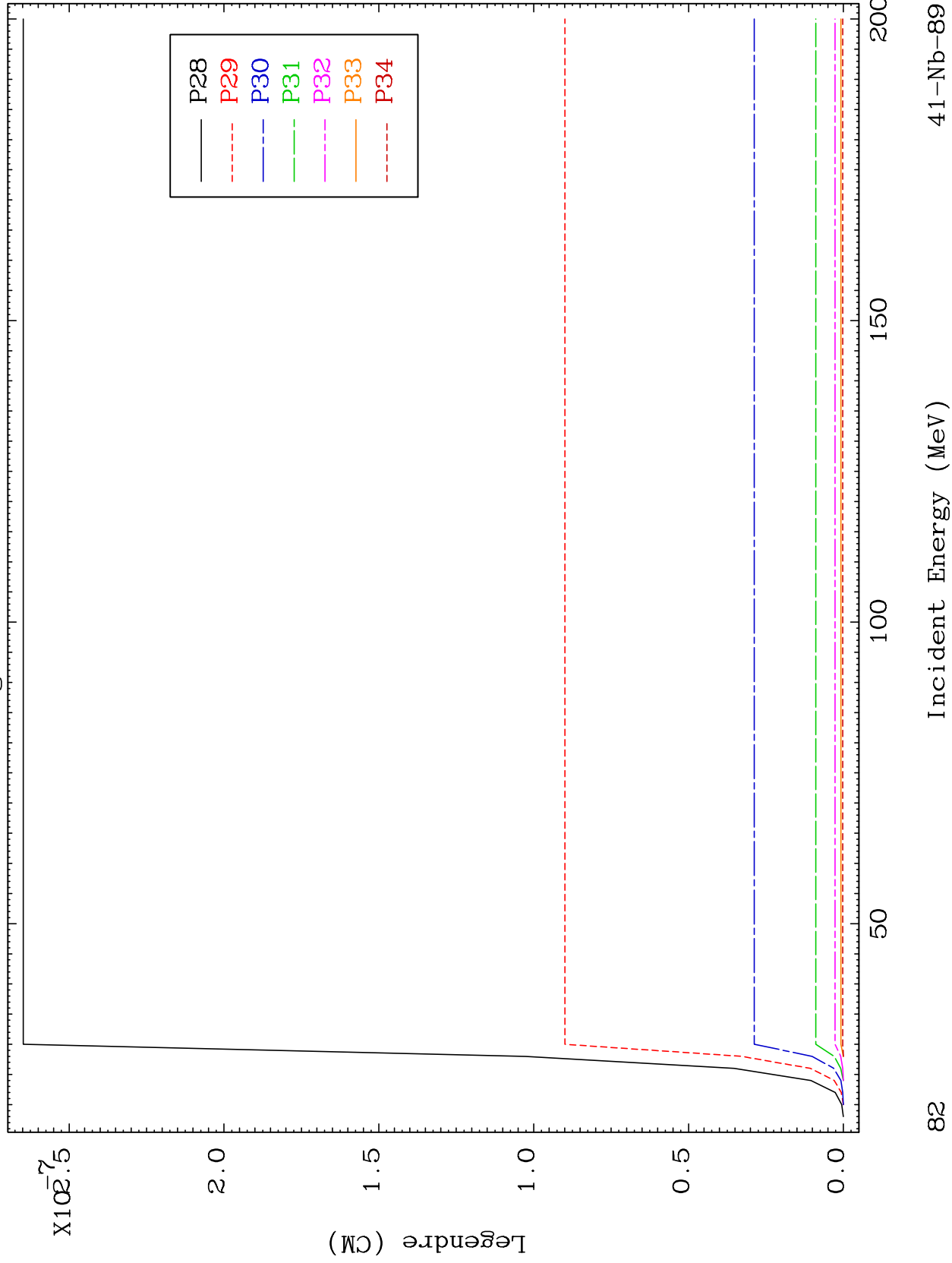
41-Nb-89



MAT 4113

MT= 66 (n,n') Level
Legendre Coefficients

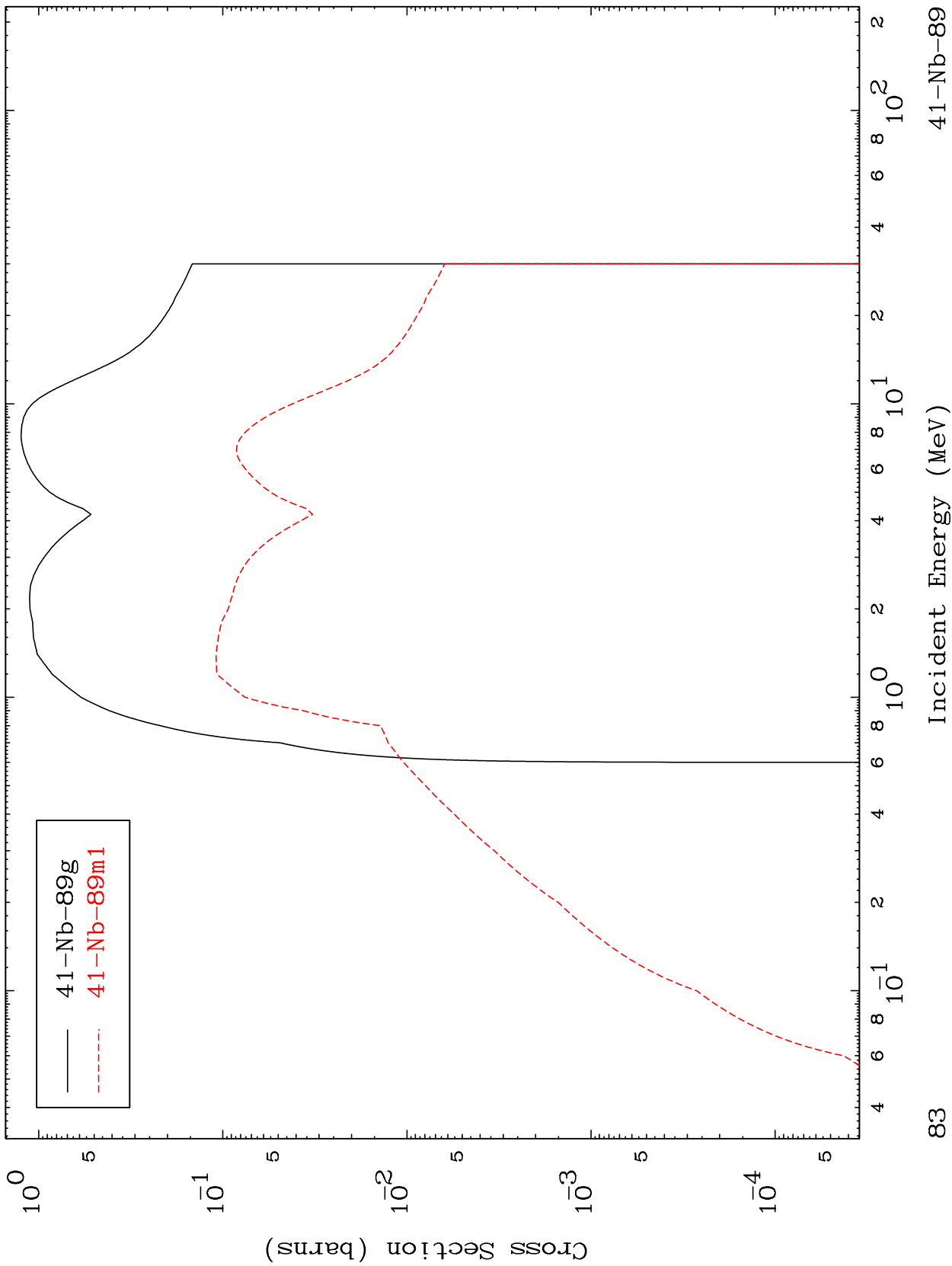
41-Nb-89



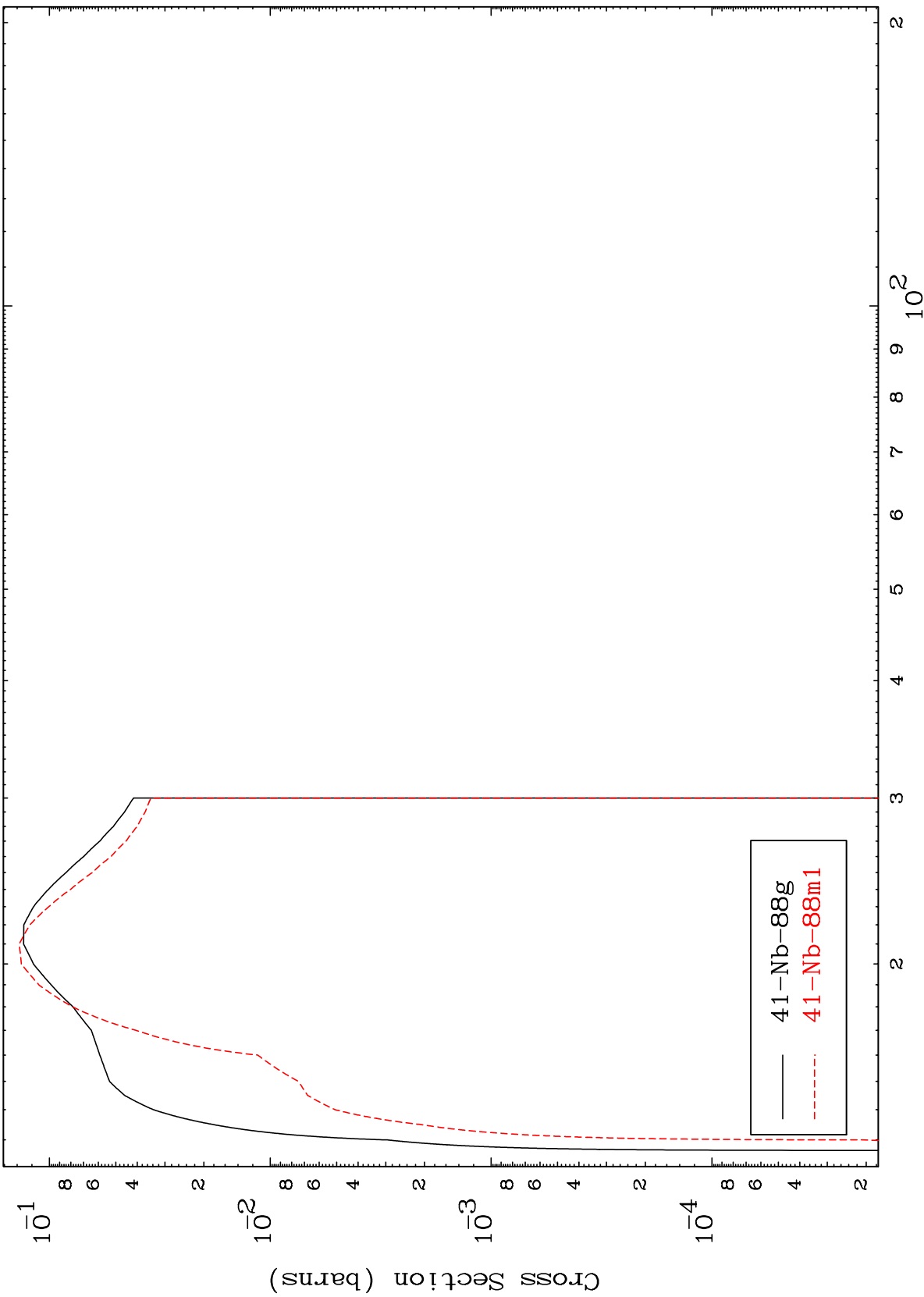
82

41-Nb-89

Radionuclide Production Cross Section



(n,2n)
Radionuclide Production Cross Section

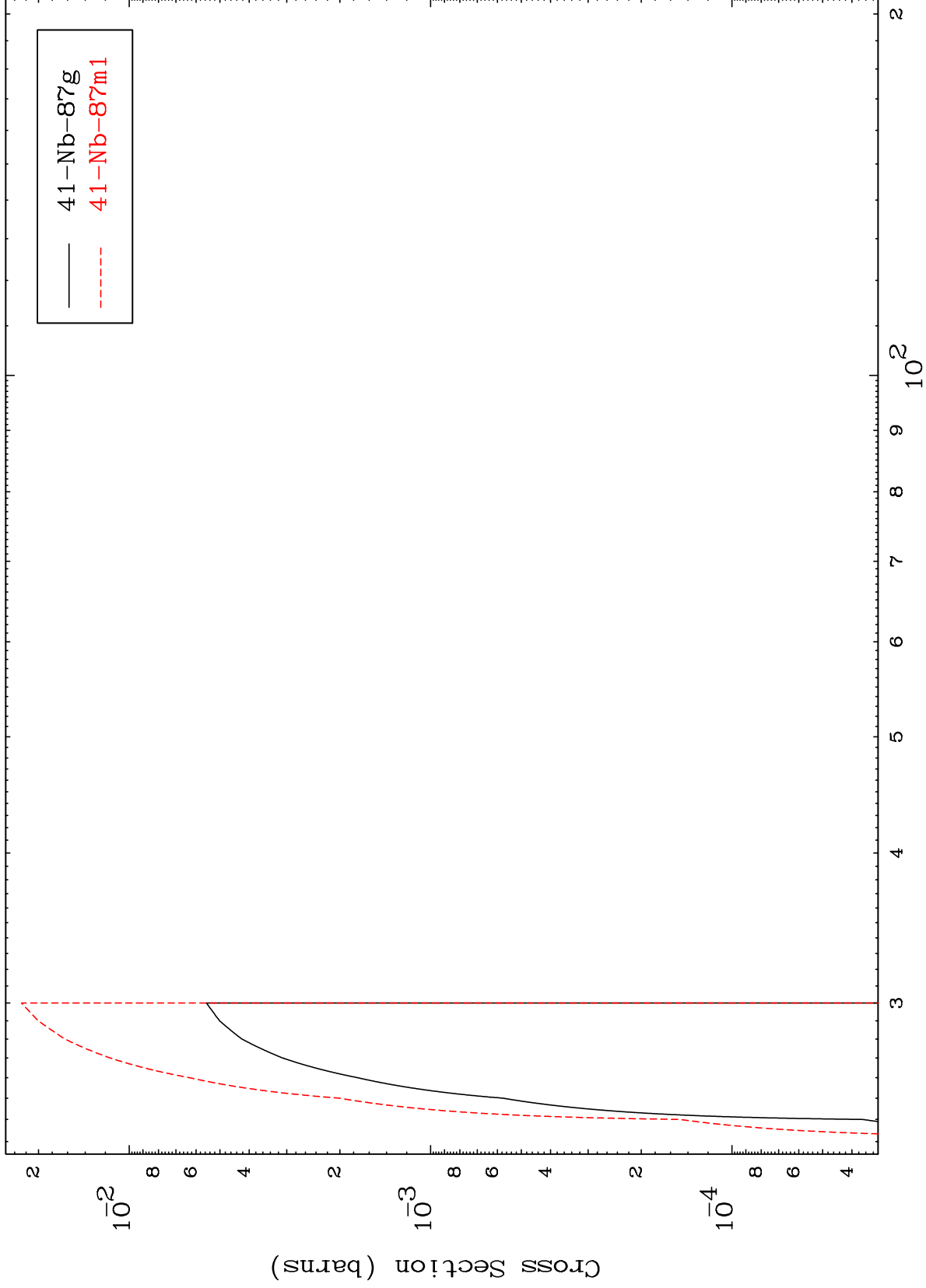


MAT 4113

(n,3n)

41-Nb-89

Radionuclide Production Cross Section



85

Incident Energy (MeV)

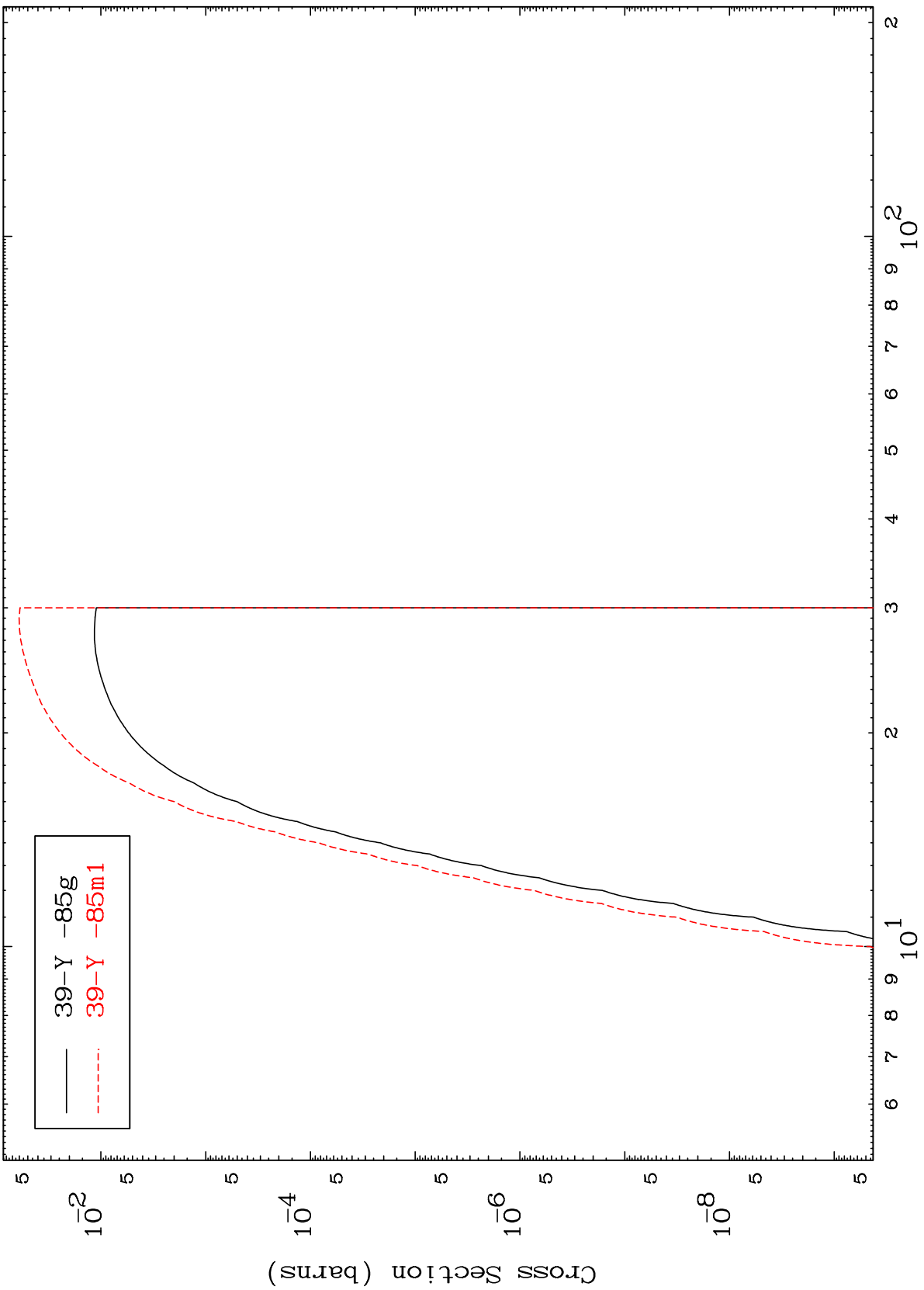
41-Nb-89

MAT 4113

(n,n') α

41-Nb-89

Radionuclide Production Cross Section

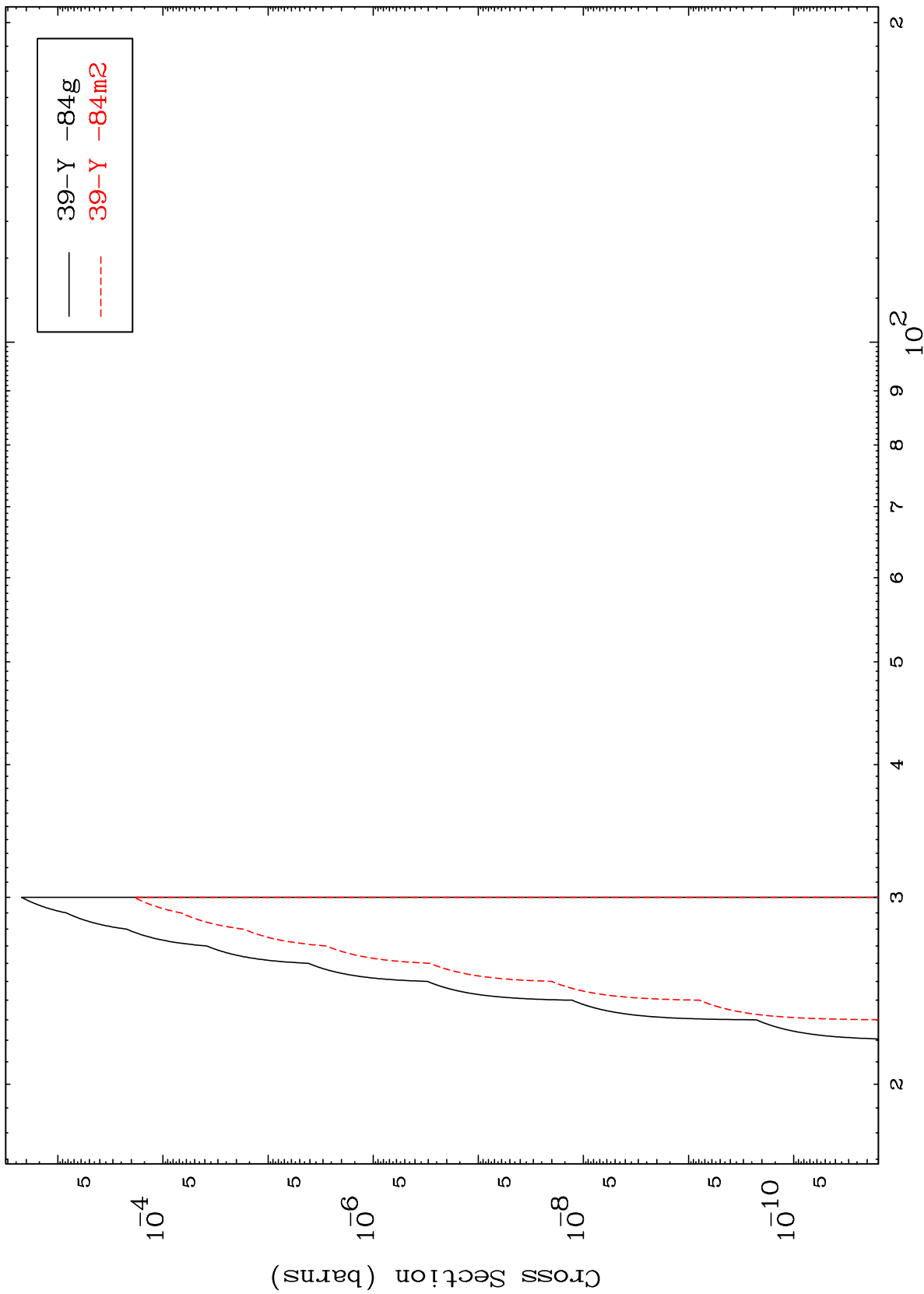


86

Incident Energy (MeV)

41-Nb-89

Radionuclide Production Cross Section

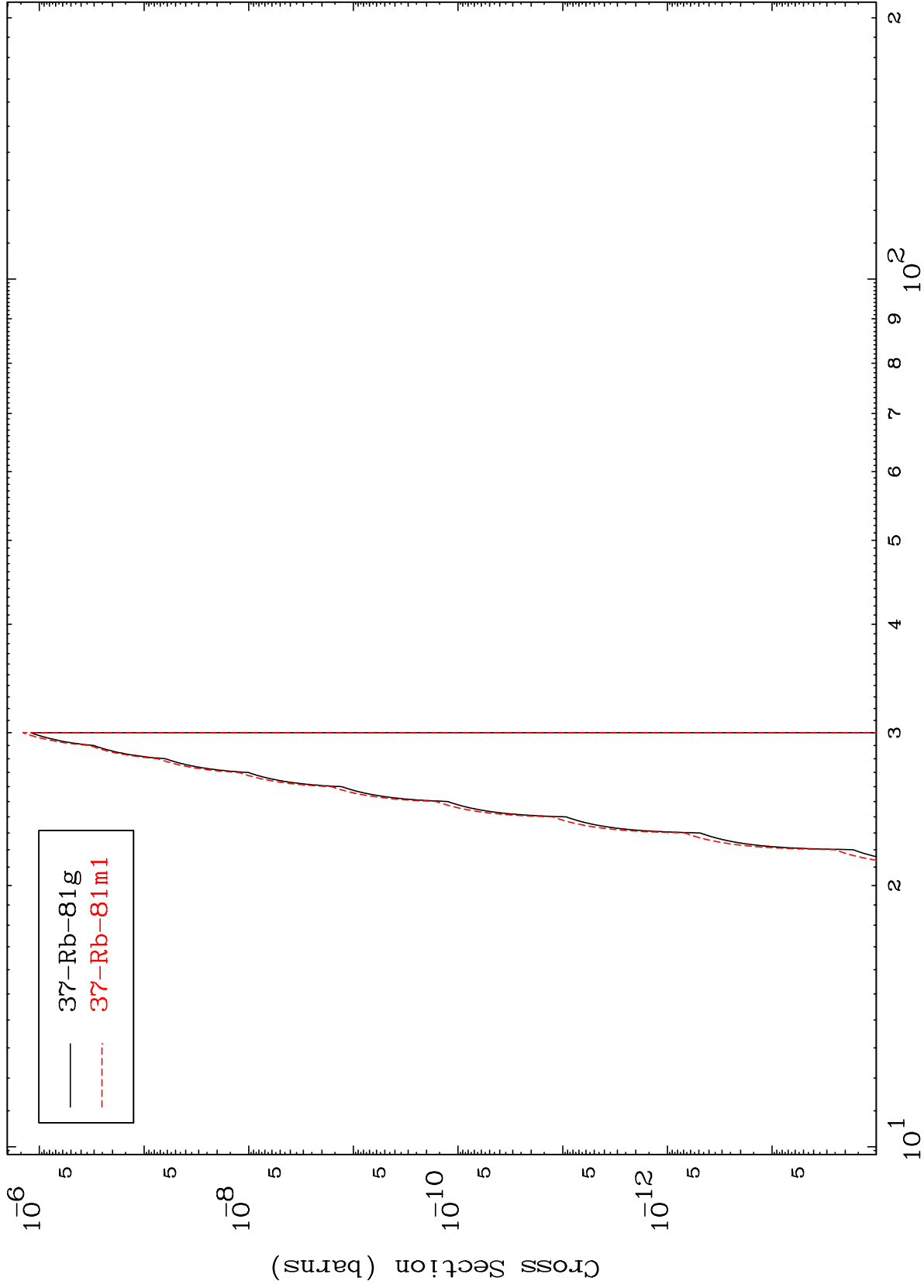


MAT 4113

(n,n') 2α

41-Nb-89

Radionuclide Production Cross Section



88

Incident Energy (MeV)

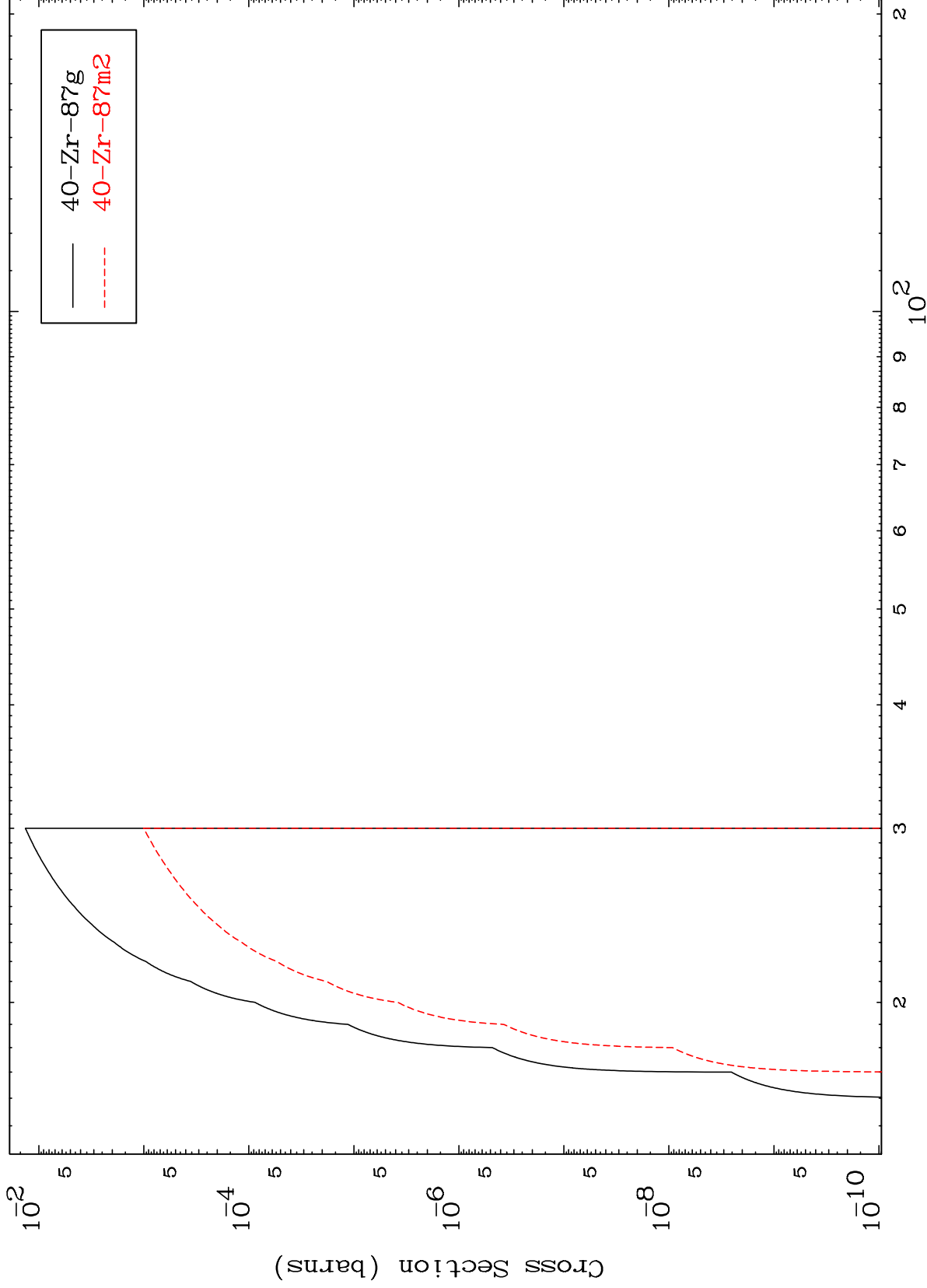
41-Nb-89

MAT 4113

(n,n') d

41-Nb-89

Radionuclide Production Cross Section



89

Incident Energy (MeV)

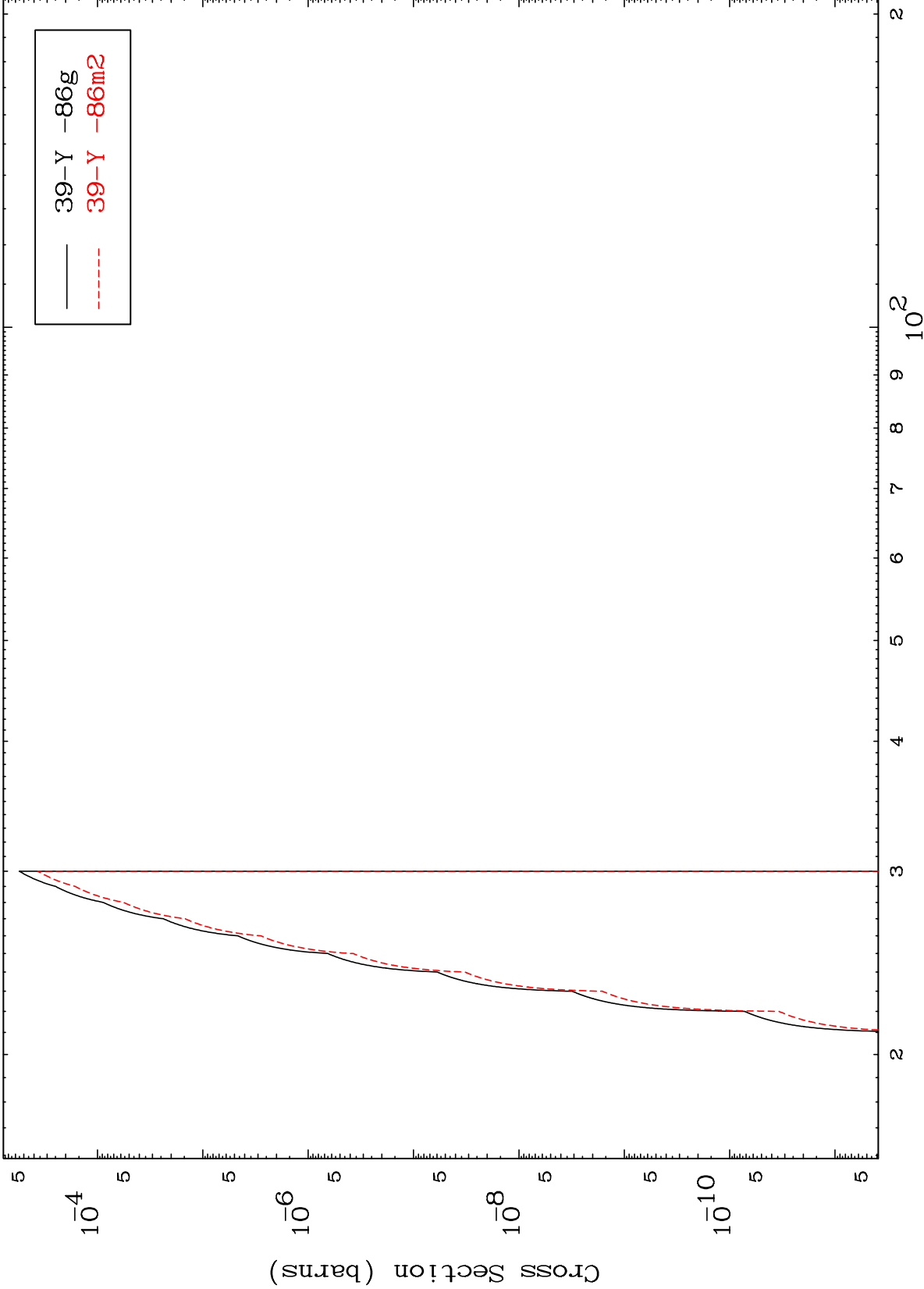
41-Nb-89

MAT 4113

(n,n') He-3

41-Nb-89

Radionuclide Production Cross Section



90

Incident Energy (MeV)

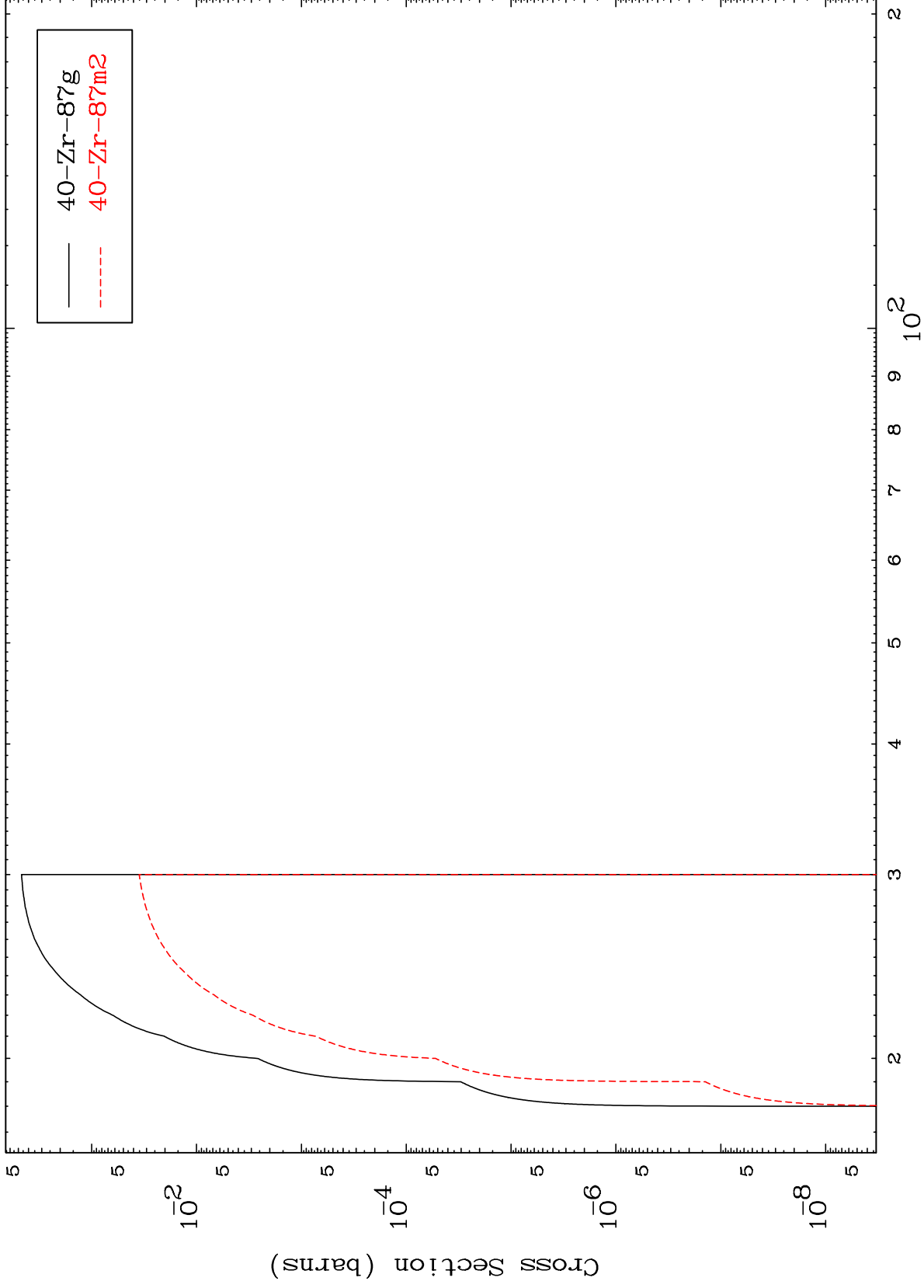
41-Nb-89

MAT 4113

(n,2n) p

41-Nb-89

Radionuclide Production Cross Section



91

Incident Energy (MeV)

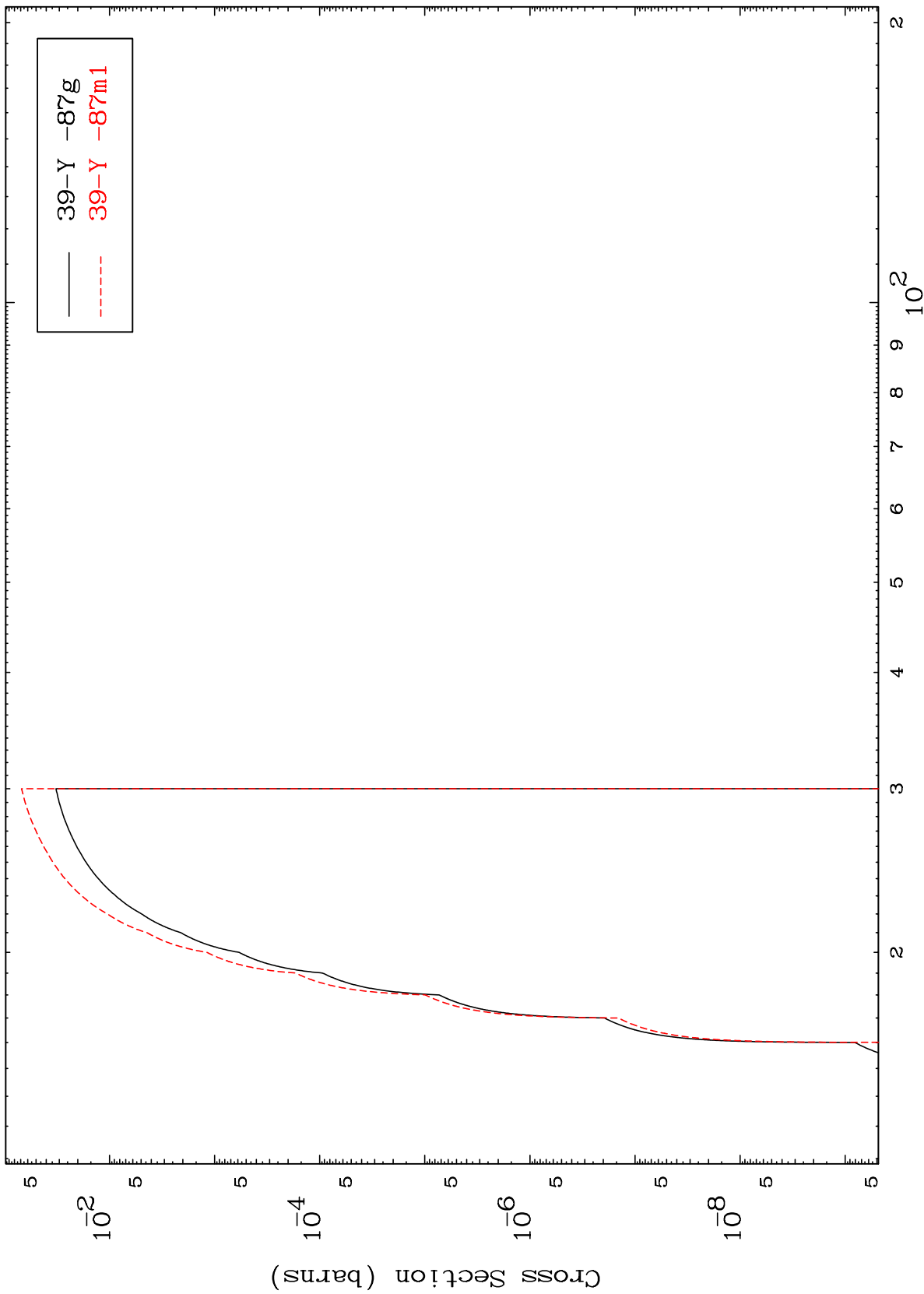
41-Nb-89

MAT 4113

(n,2n) p

41-Nb-89

Radionuclide Production Cross Section



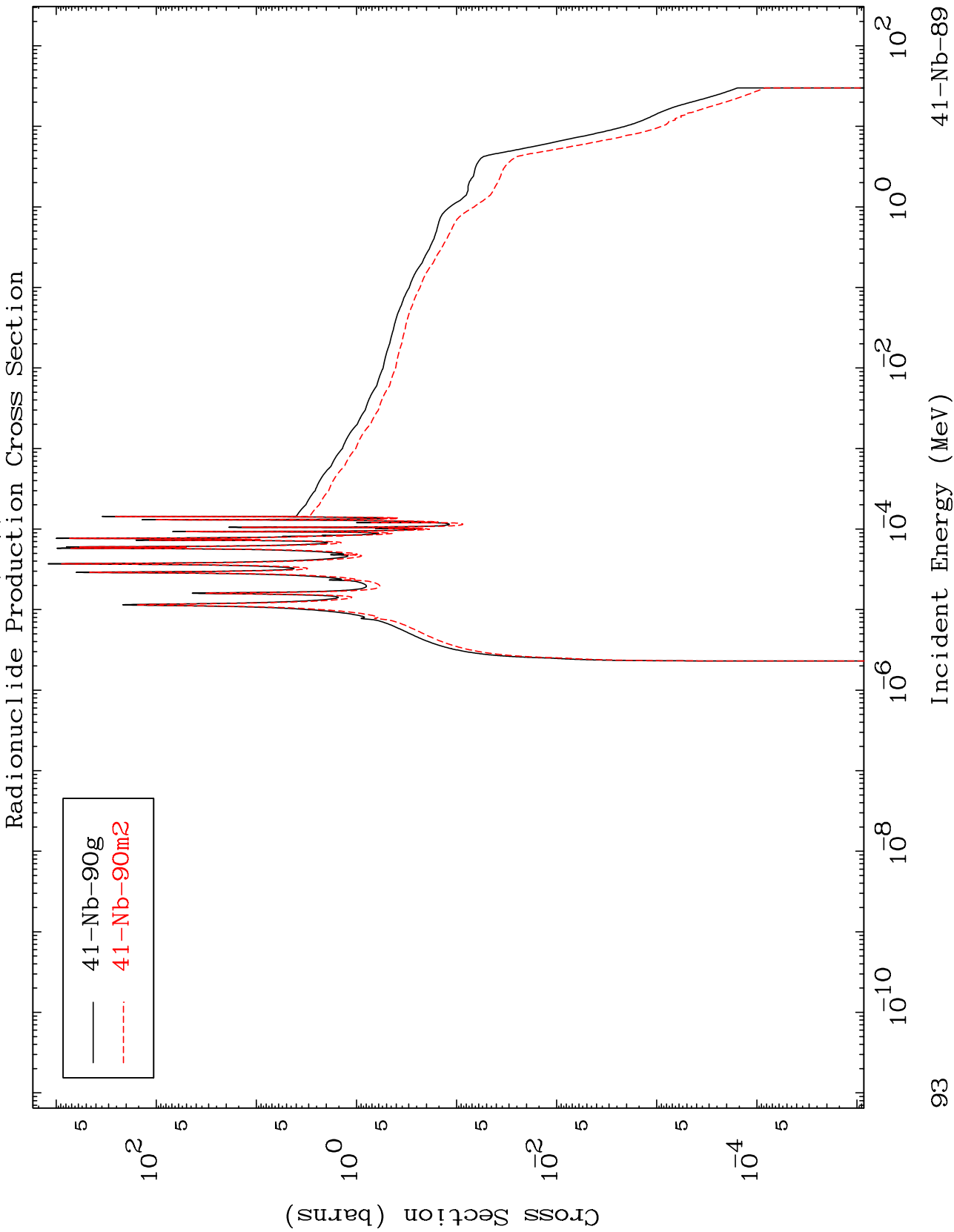
92

Incident Energy (MeV)

41-Nb-89

MAT 4113

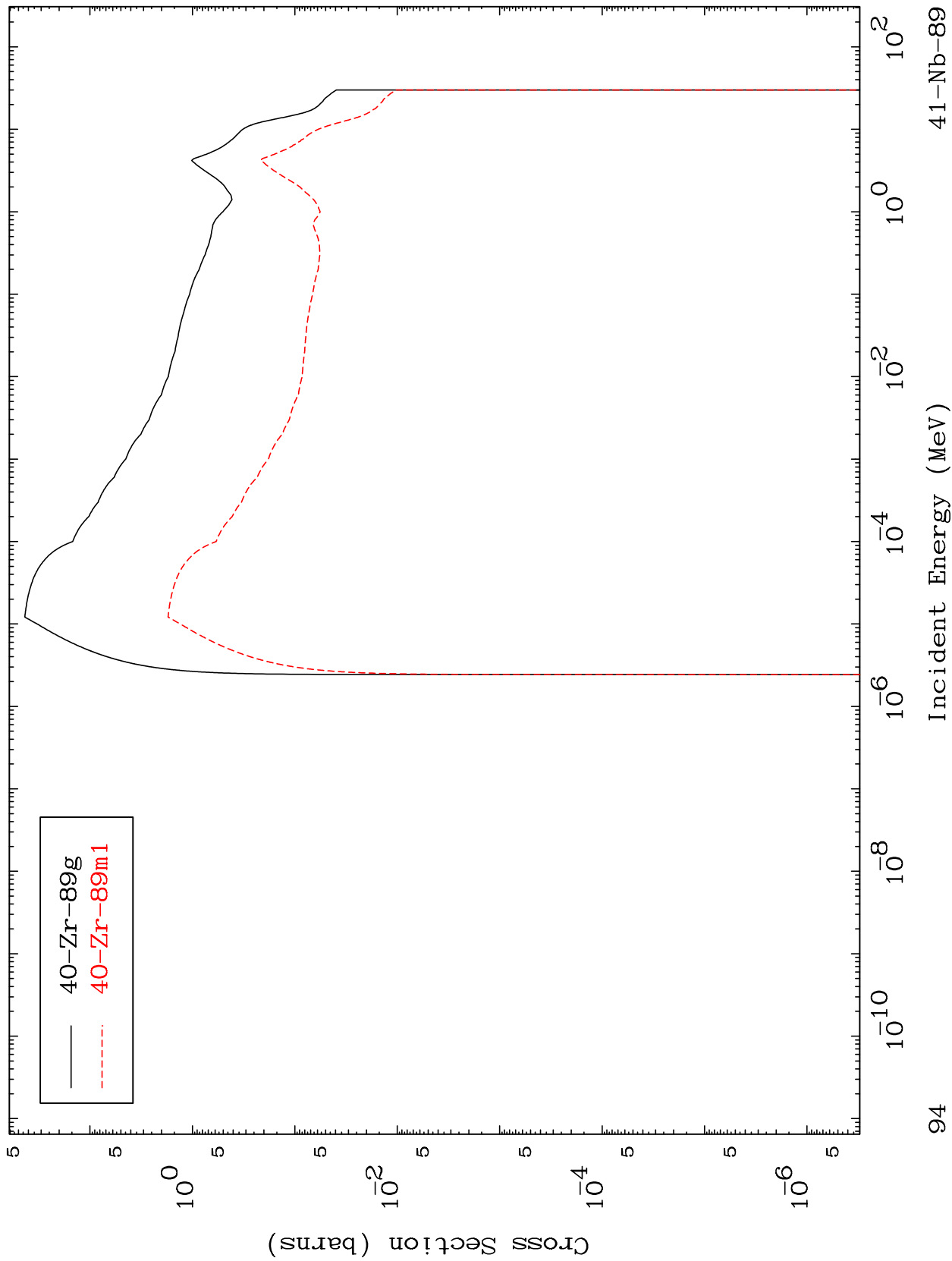
41-Nb-89



MAT 4113

41-Nb-89

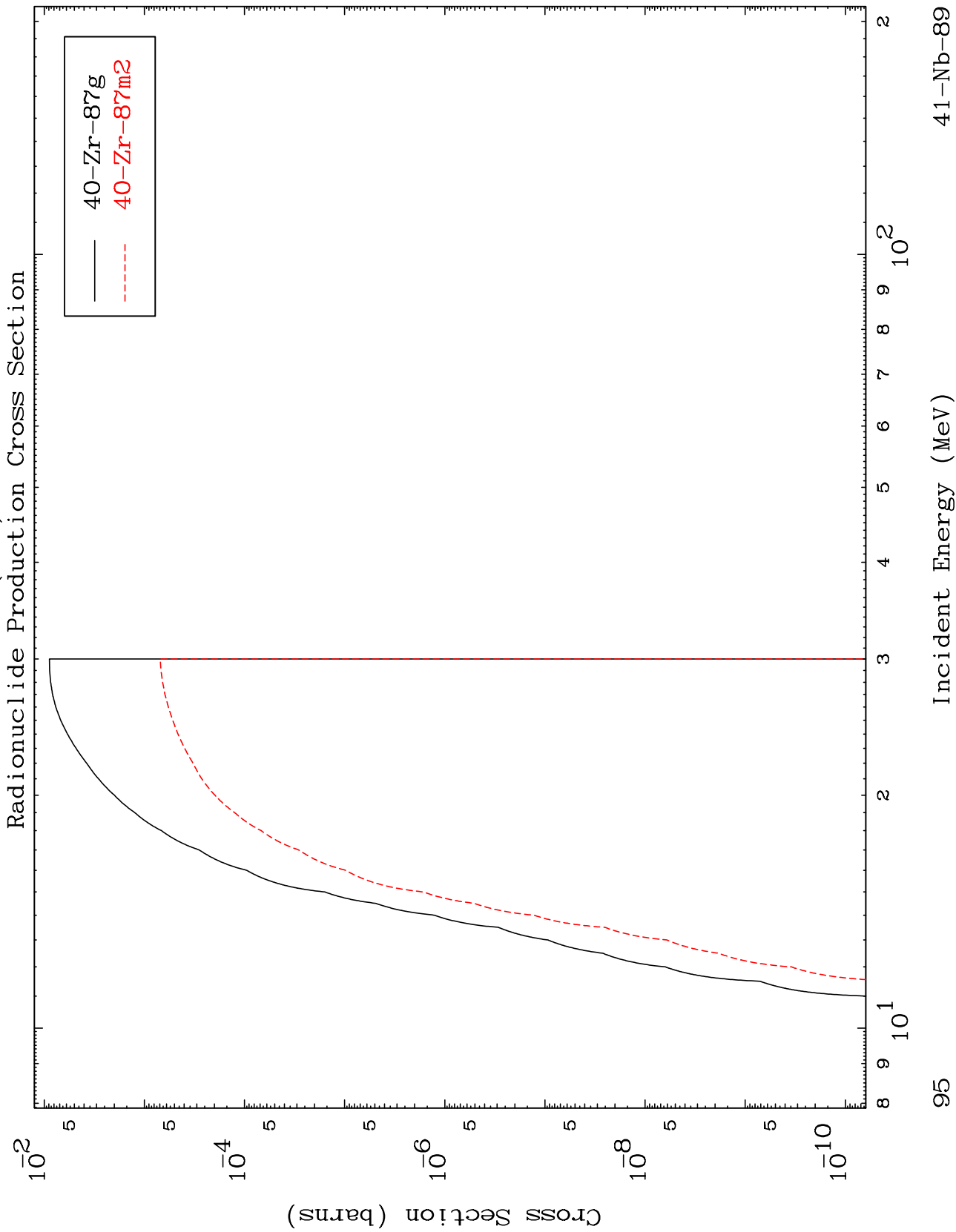
(n,p)
Radionuclide Production Cross Section



MAT 4113

(n, t)

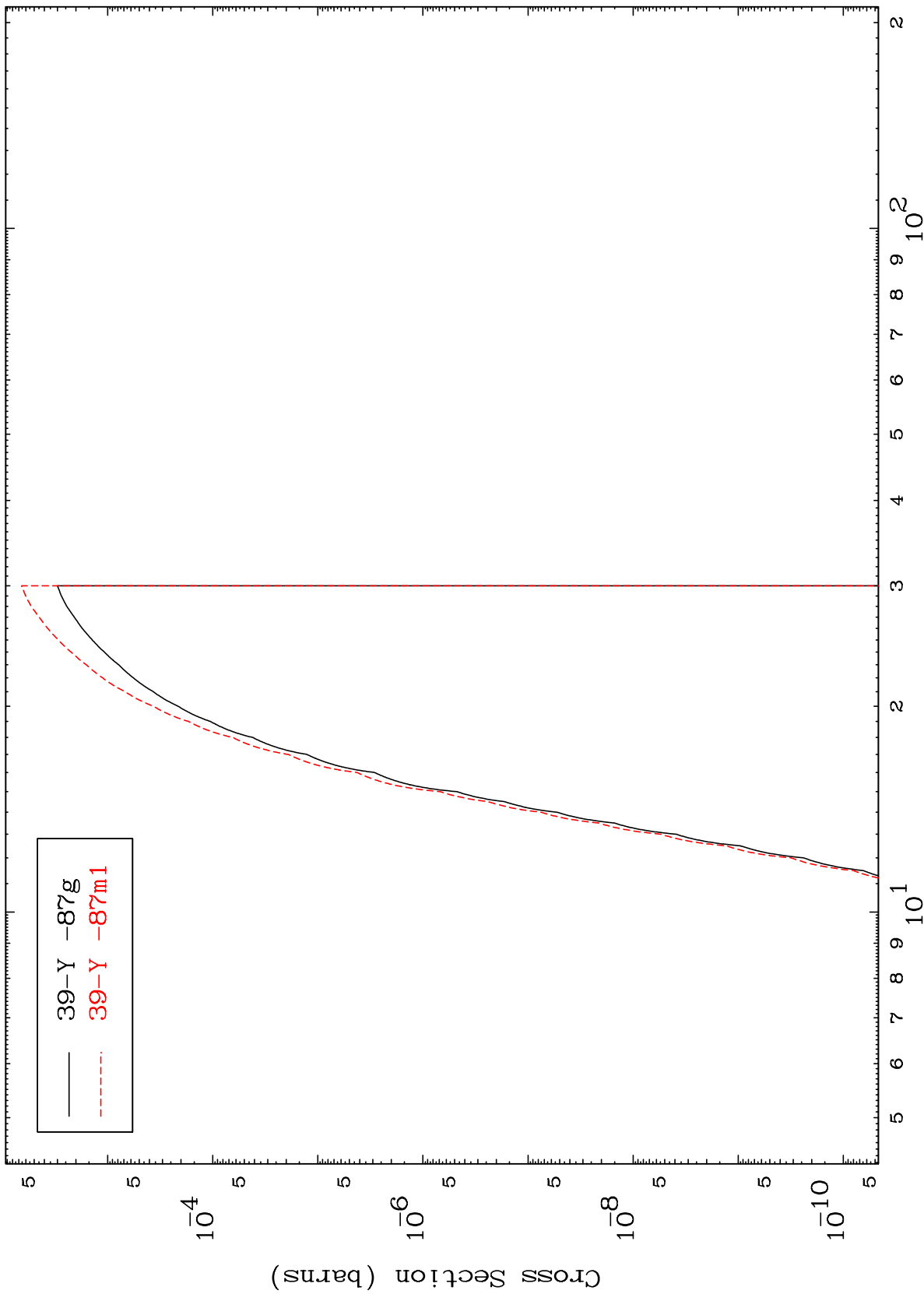
41-Nb-89



95

41-Nb-89

(n,He-3)
Radionuclide Production Cross Section

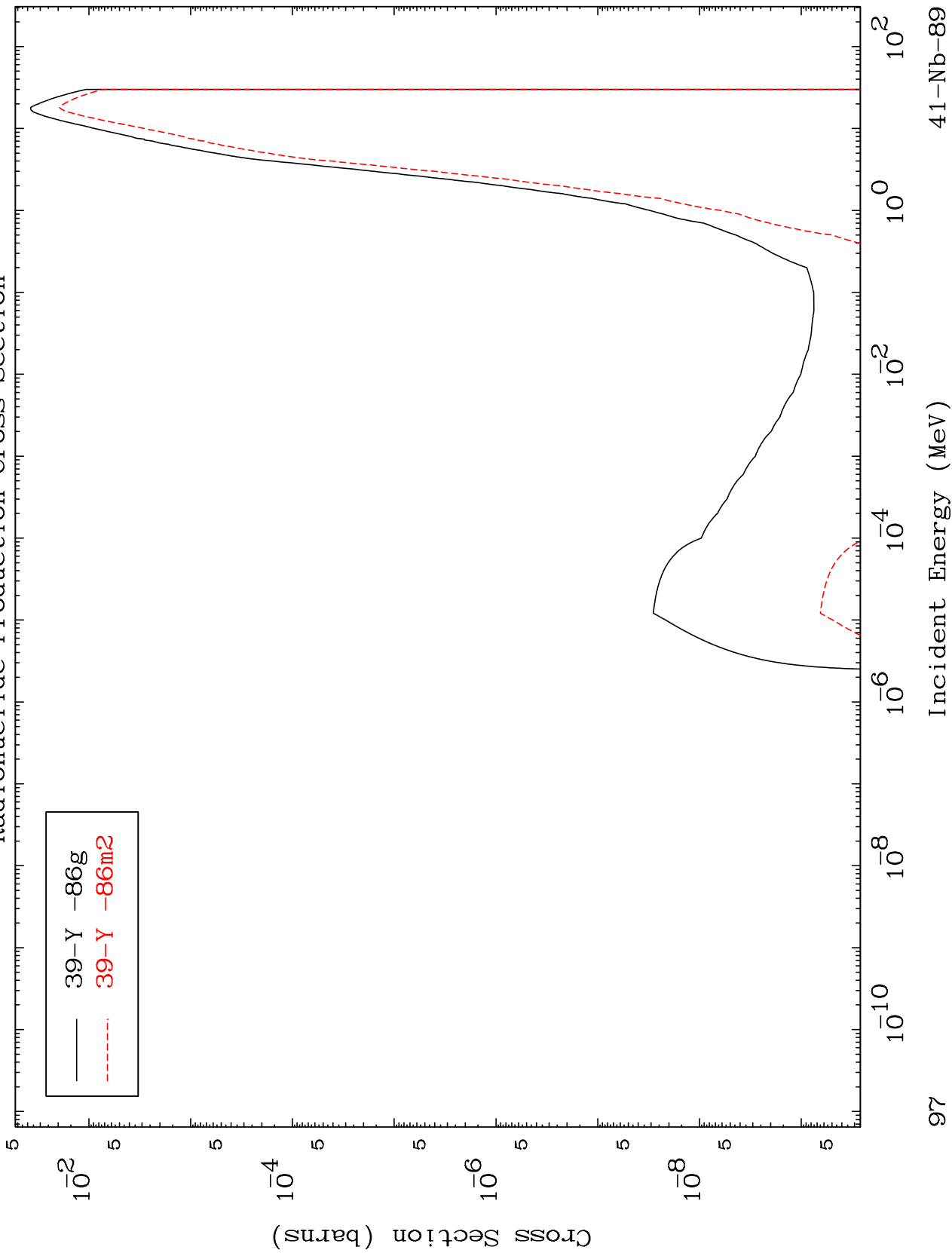


MAT 4113

(n, α)

41-Nb-89

Radionuclide Production Cross Section

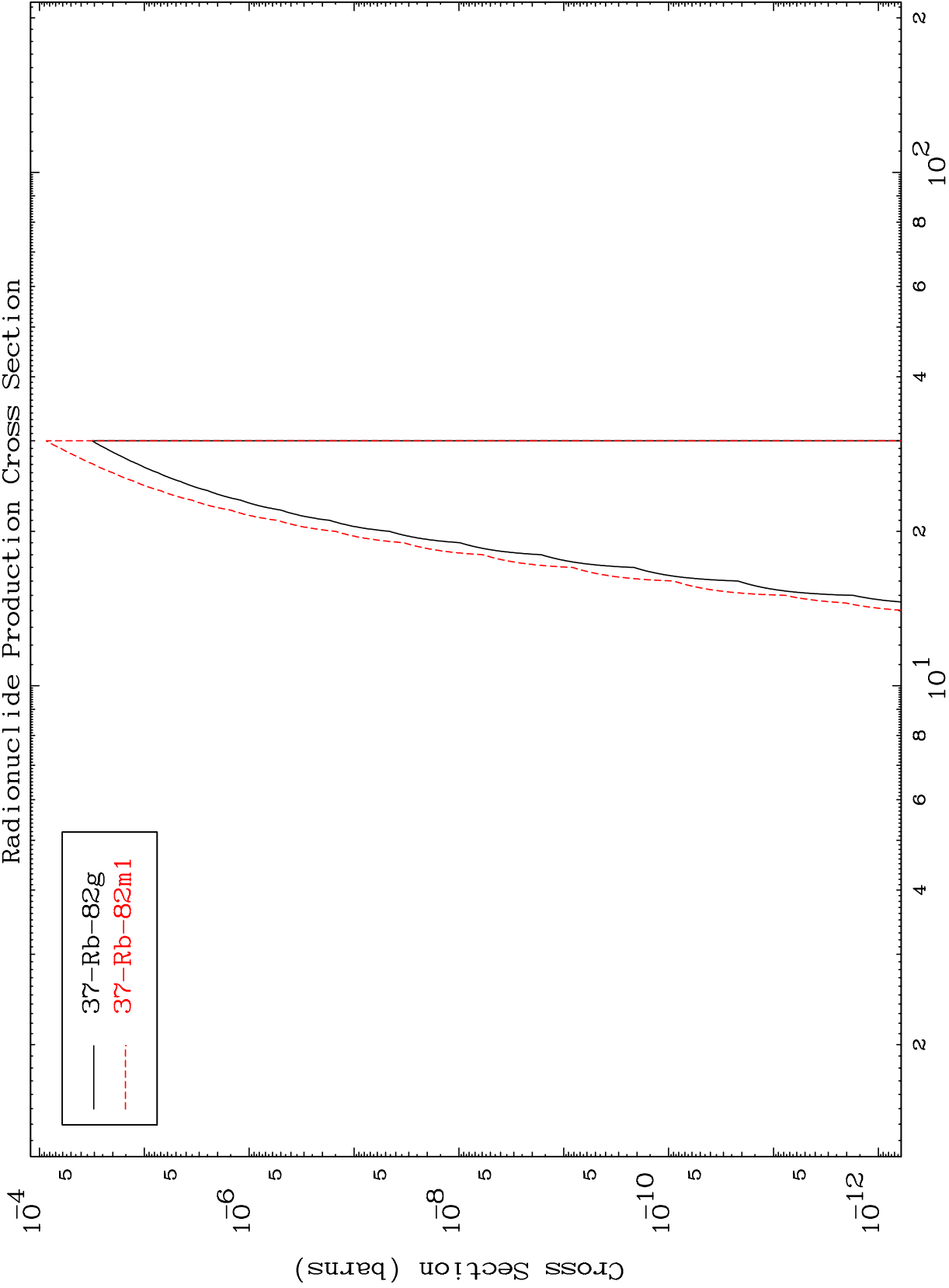


MAT 4113

(n,2α)

41-Nb-89

Radionuclide Production Cross Section



98

Incident Energy (MeV)

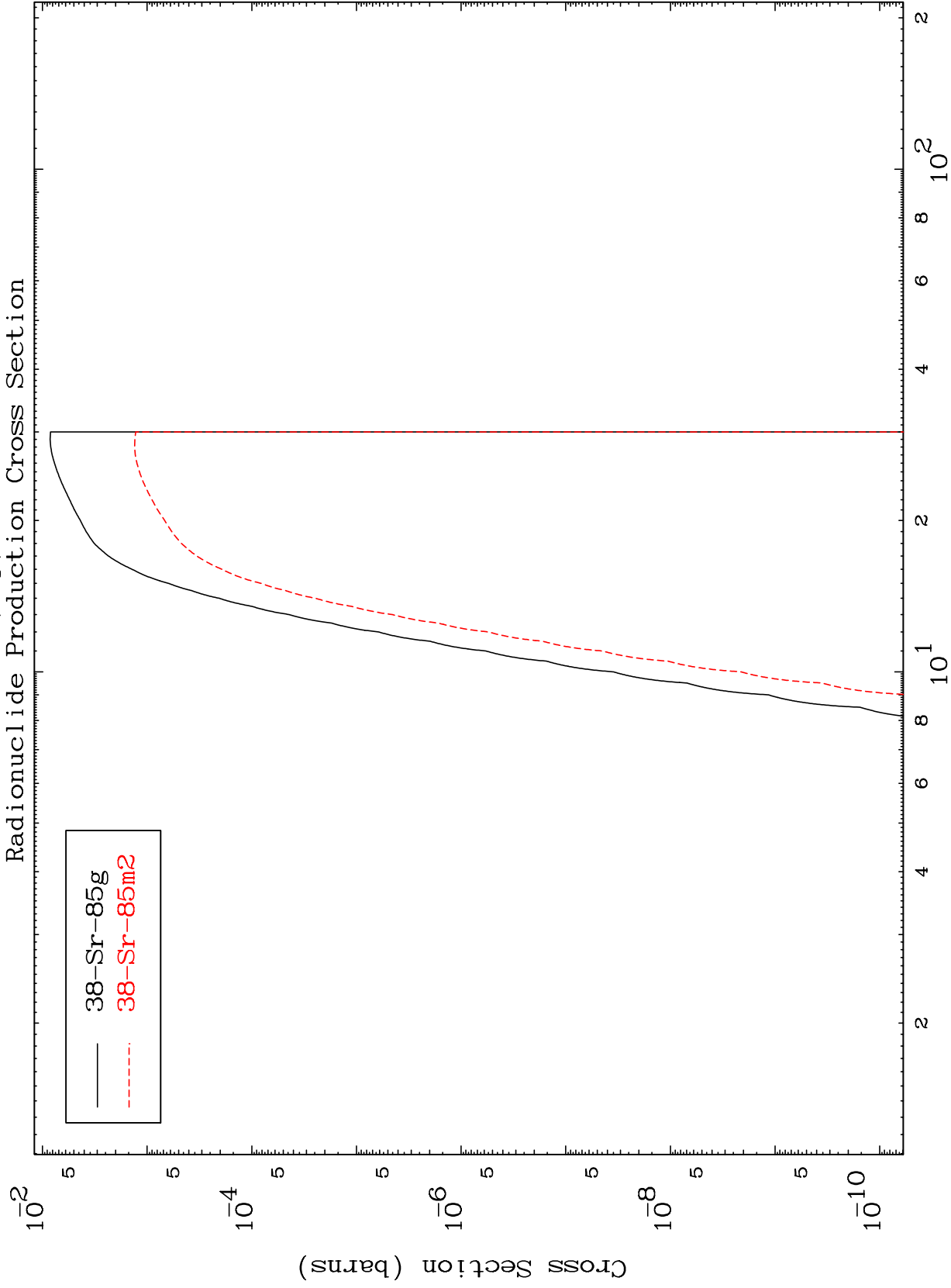
41-Nb-89

MAT 4113

(n,p) α

41-Nb-89

Radionuclide Production Cross Section



99

Incident Energy (MeV)

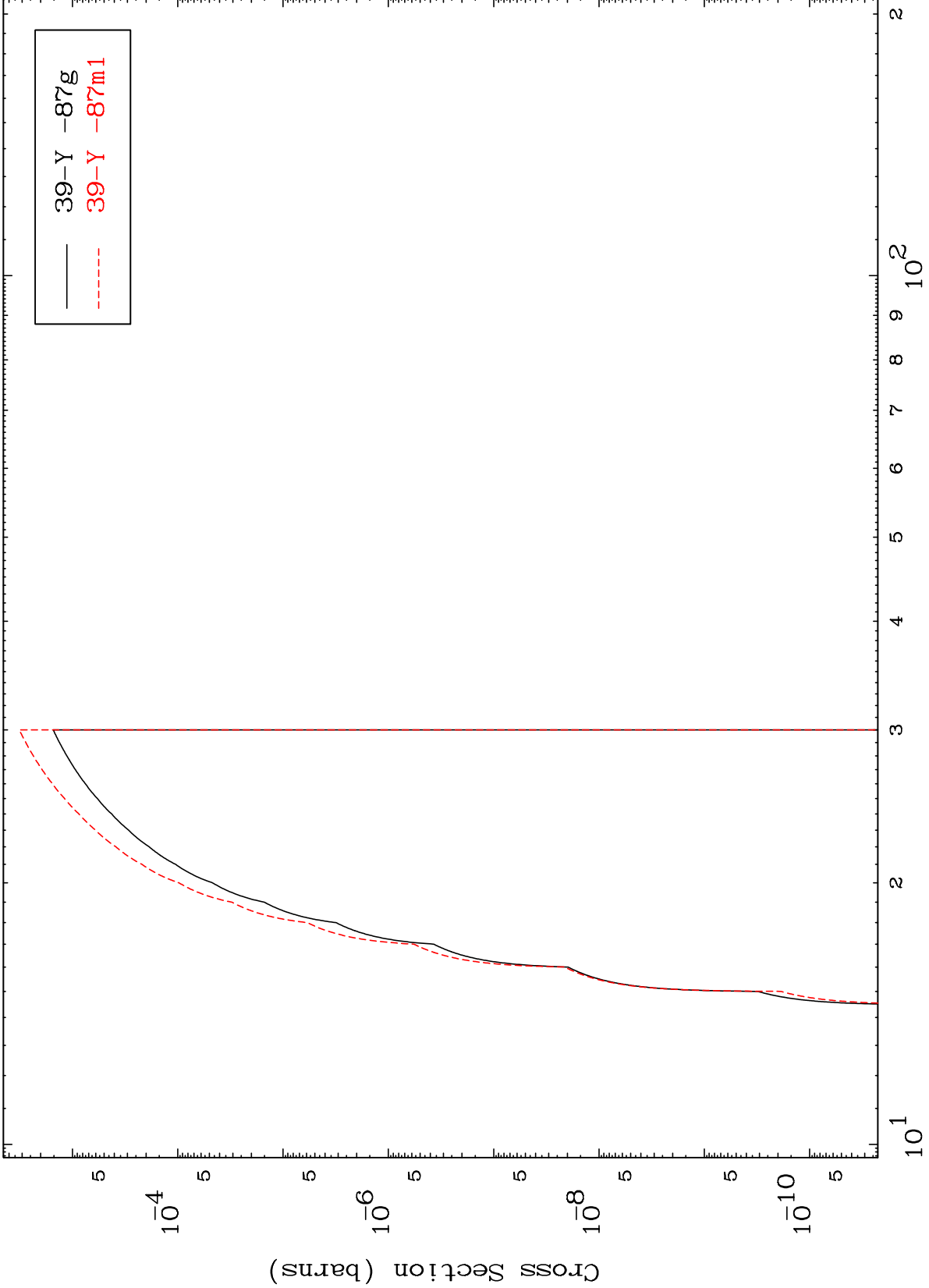
41-Nb-89

MAT 4113

(n,p) d

41-Nb-89

Radionuclide Production Cross Section



39-Y -87g
39-Y -87m1

10¹

Incident Energy (MeV)

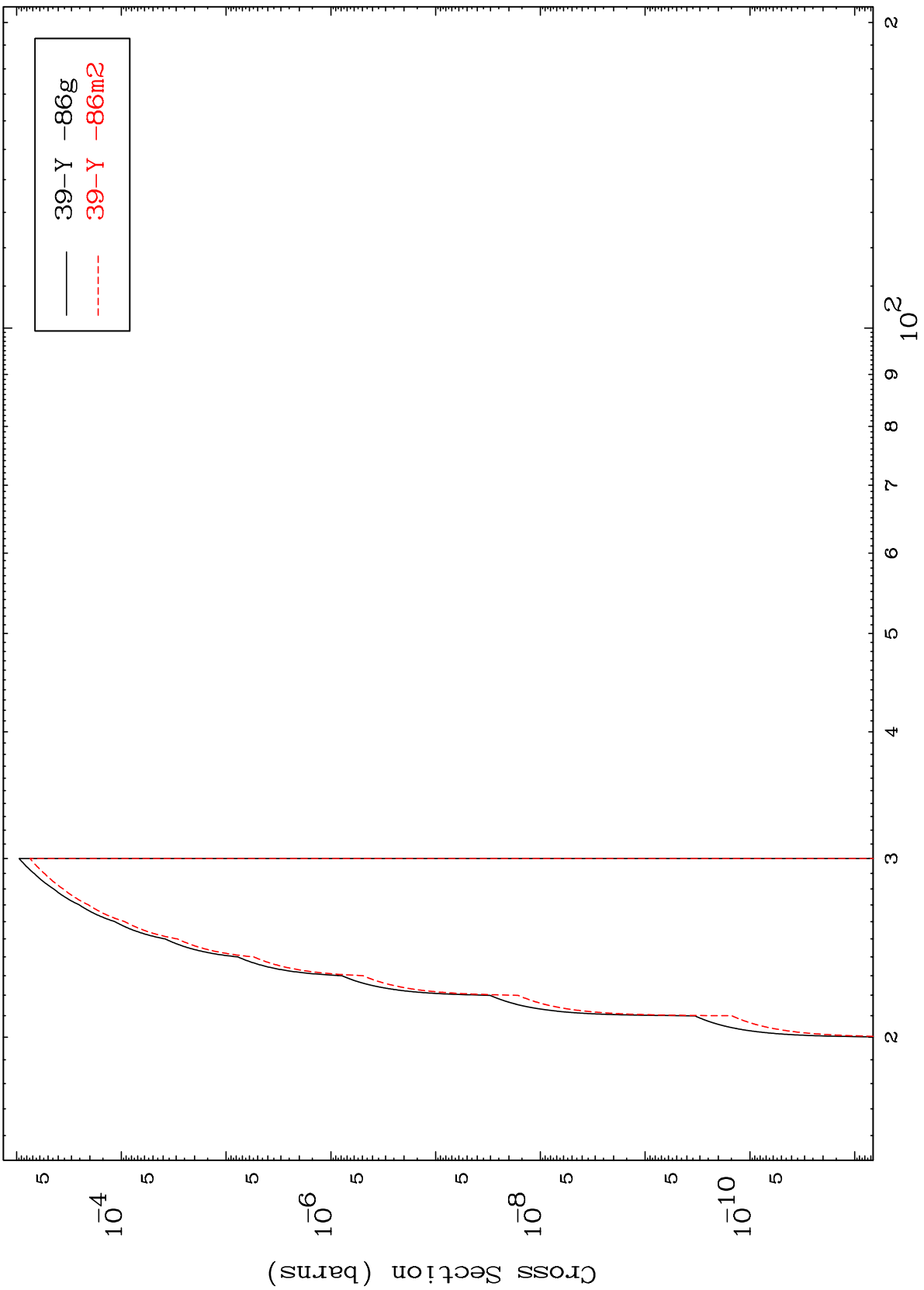
41-Nb-89

MAT 4113

(n,p) t

41-Nb-89

Radionuclide Production Cross Section



101

Incident Energy (MeV)

41-Nb-89