

Program EVALPLOT
(Version 2021-1)

by

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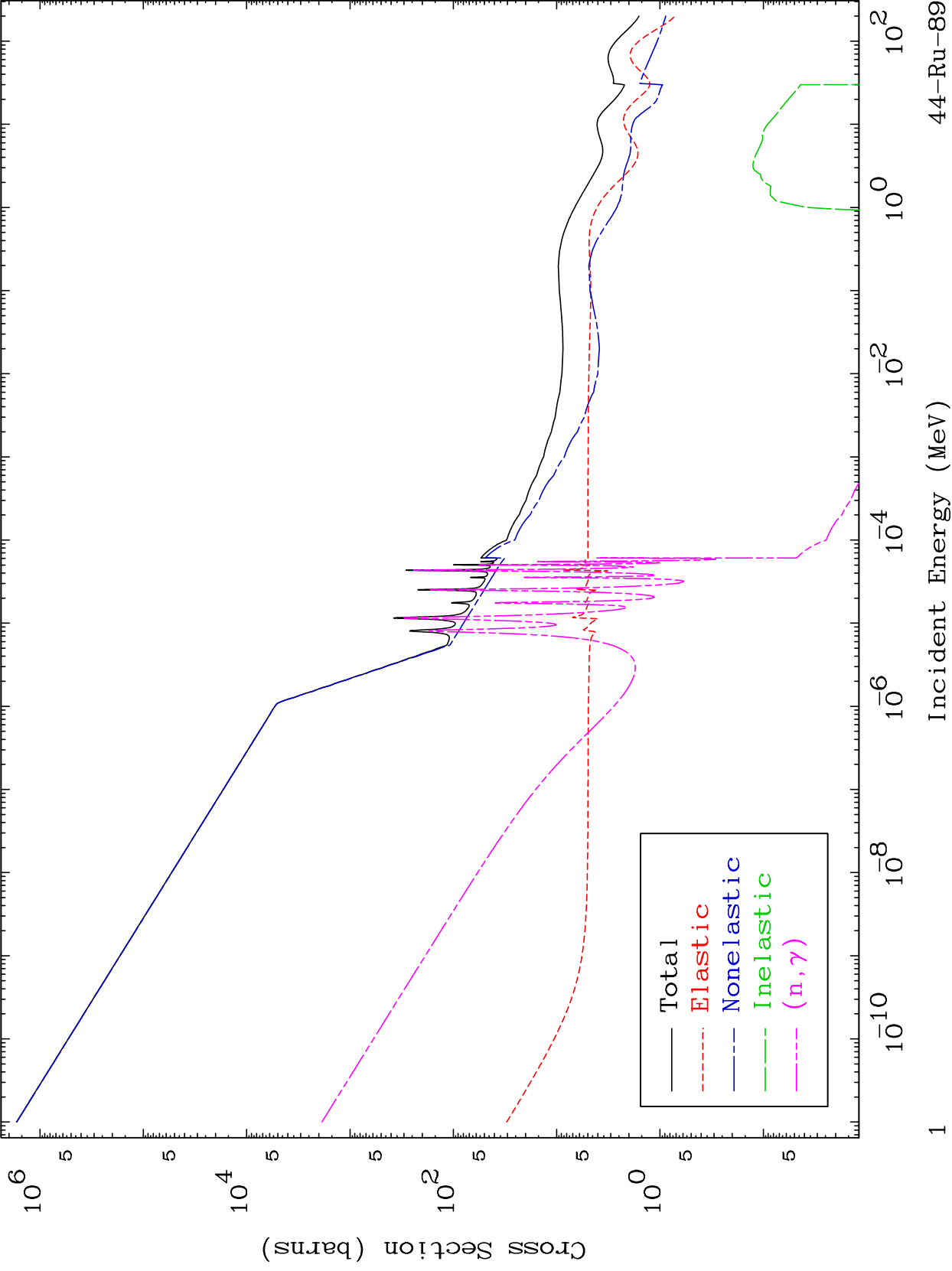
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Press Mouse Button to Start

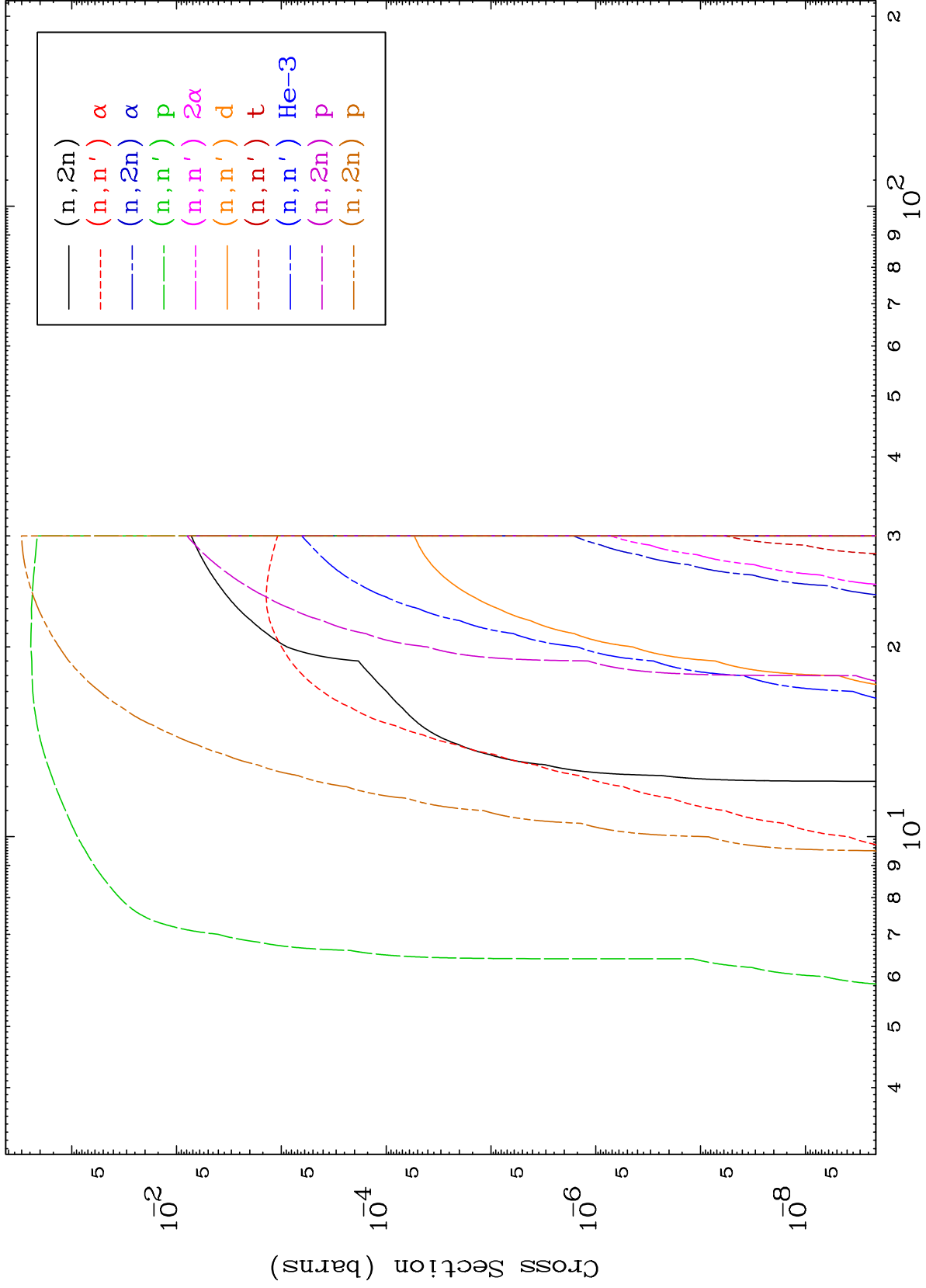
MAT 4404

Neutron Major
293 Kelvin Cross Sections

44-Ru-89



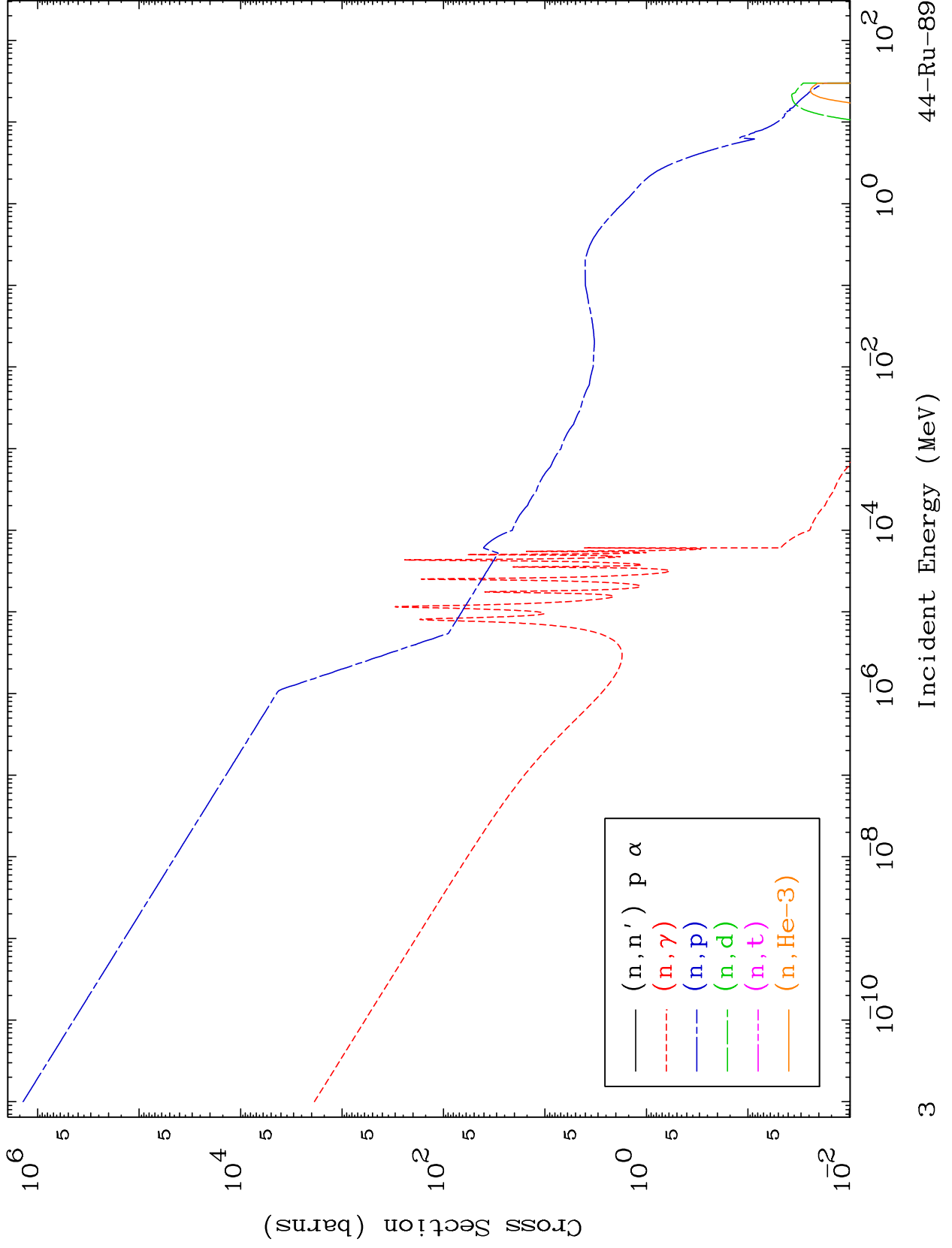
Neutron Absorption
293 Kelvin Cross Sections



MAT 4404

Neutron Absorption
293 Kelvin Cross Sections

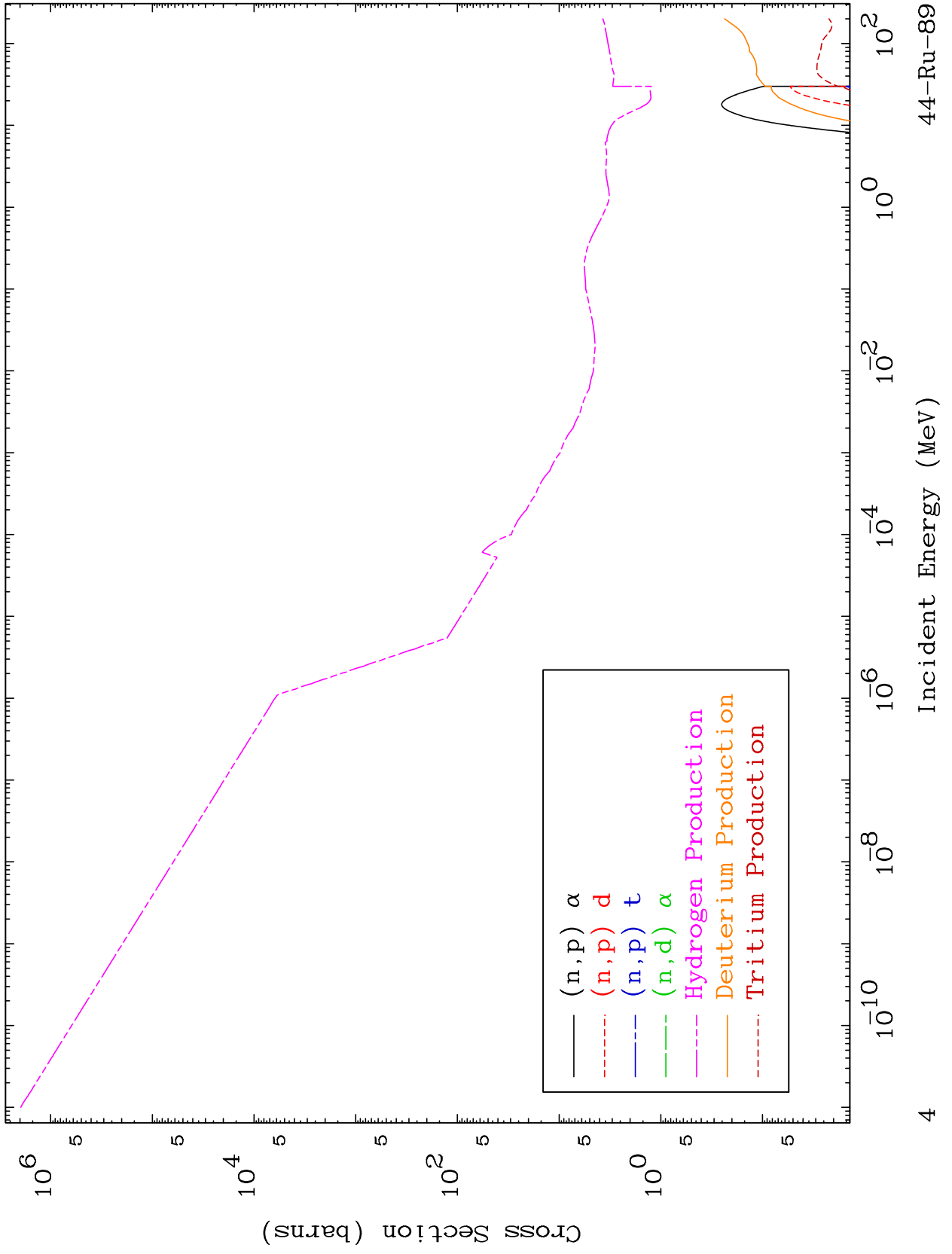
44-Ru-89



MAT 4404

Neutron Absorption
293 Kelvin Cross Sections

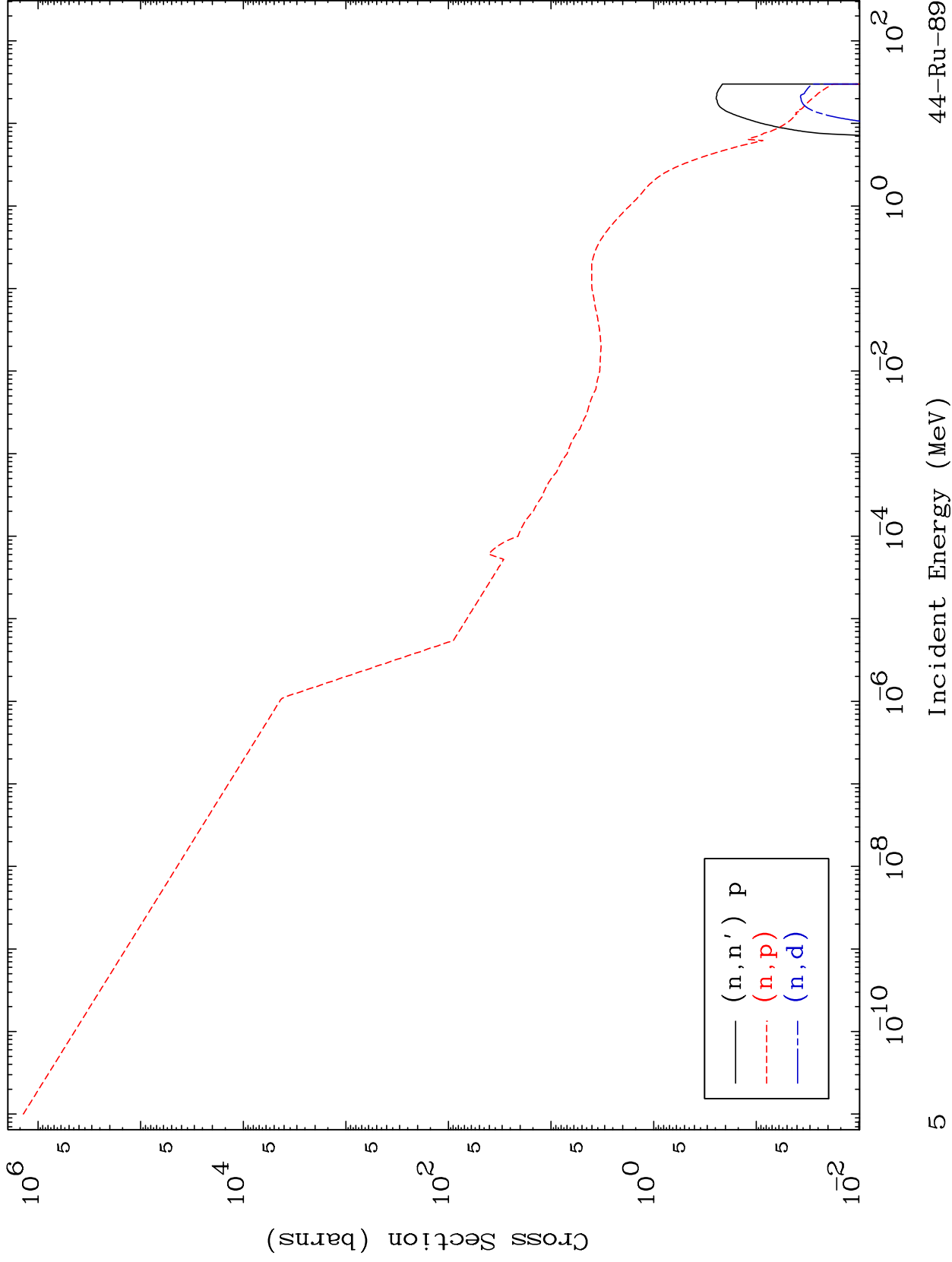
44-Ru-89



MAT 4404

Charged Particle
293 Kelvin Cross Sections

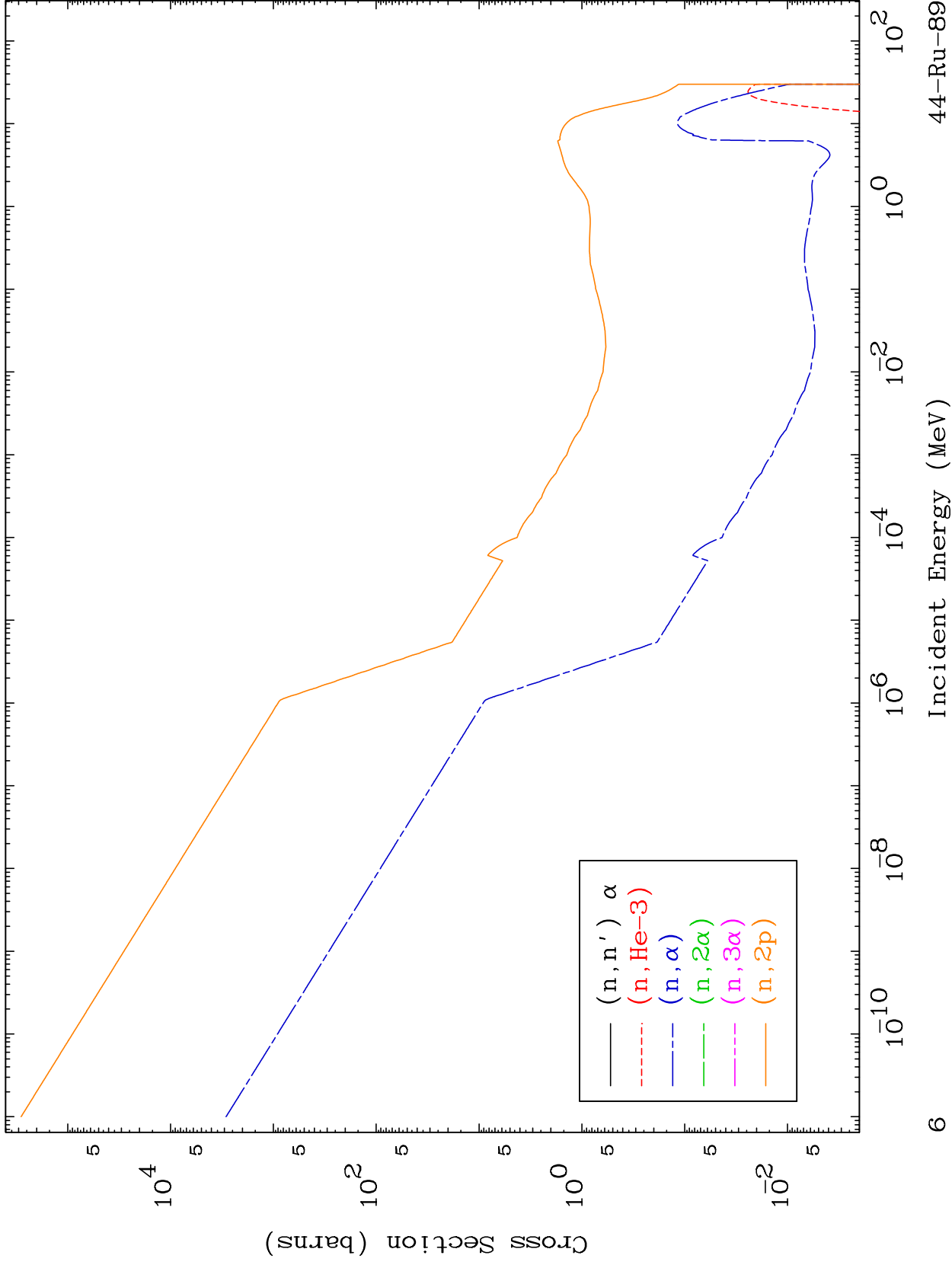
44-Ru-89



MAT 4404

Charged Particle
293 Kelvin Cross Sections

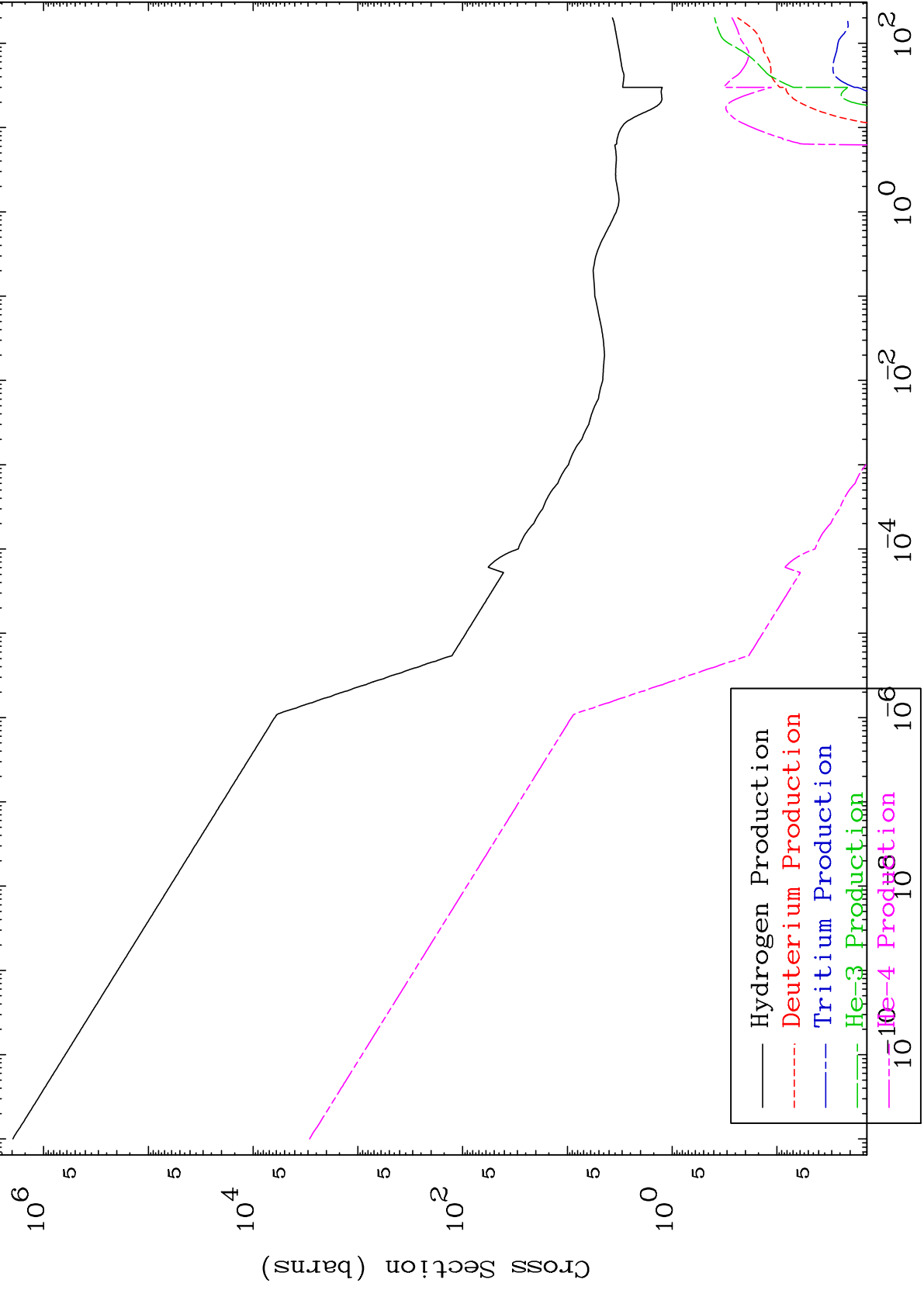
44-Ru-89



MAT 4404

Particle Production
293 Kelvin Cross Sections

44-Ru-89



44-Ru-89

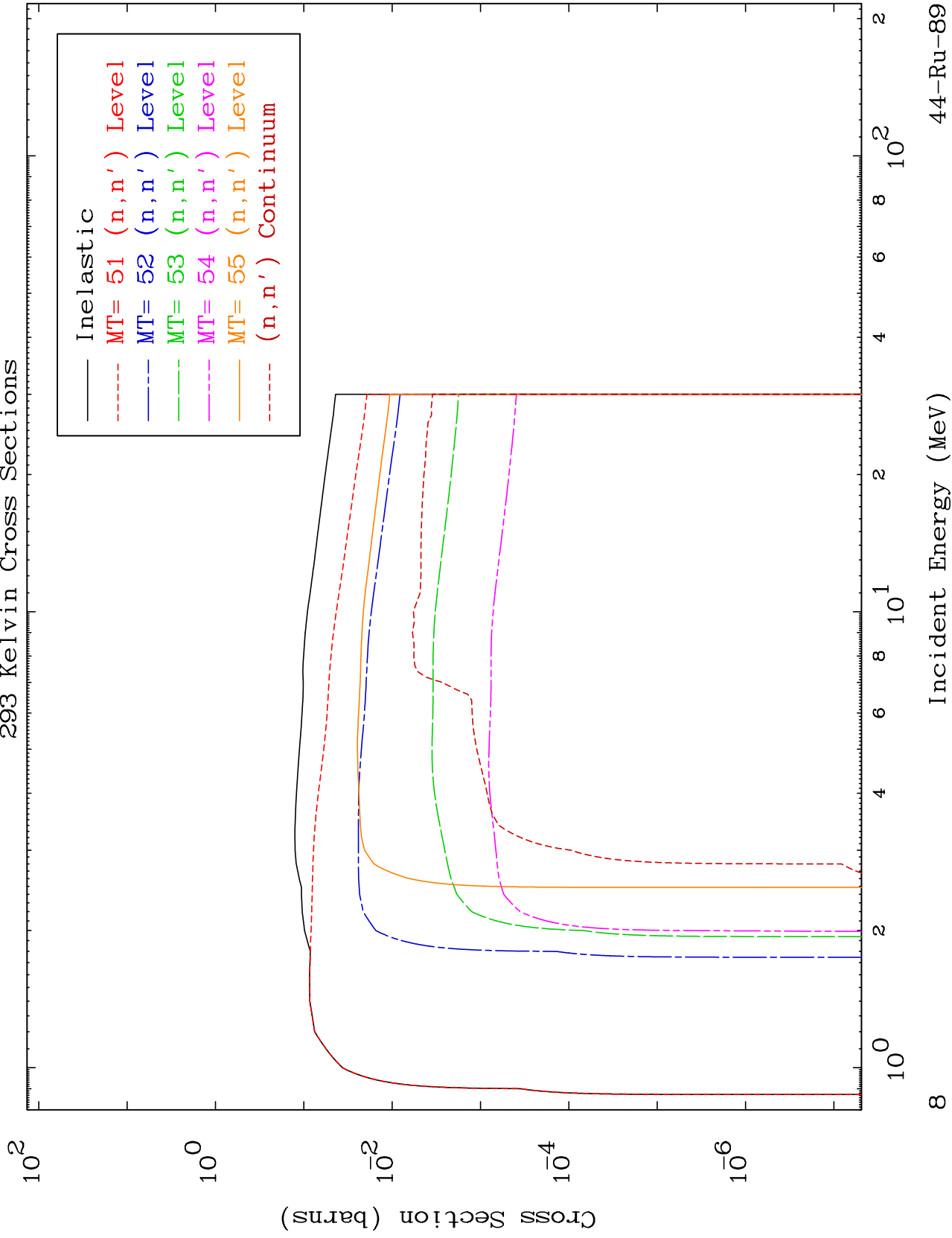
Incident Energy (MeV)

MAT 4404

(n,n') Levels

44-Ru-89

293 Kelvin Cross Sections



44-Ru-89

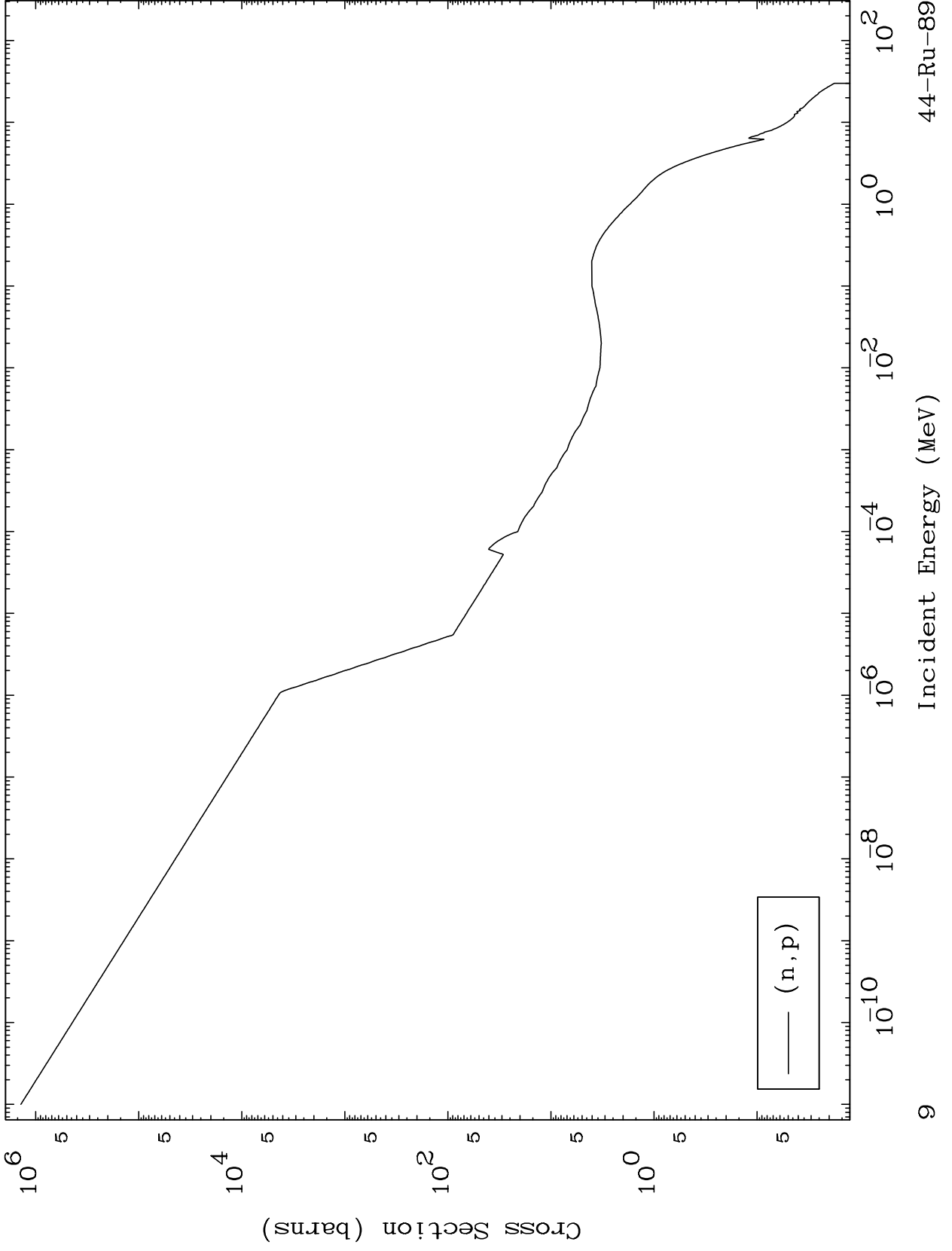
Incident Energy (MeV)

8

MAT 4404

(n,p) Levels
293 Kelvin Cross Sections

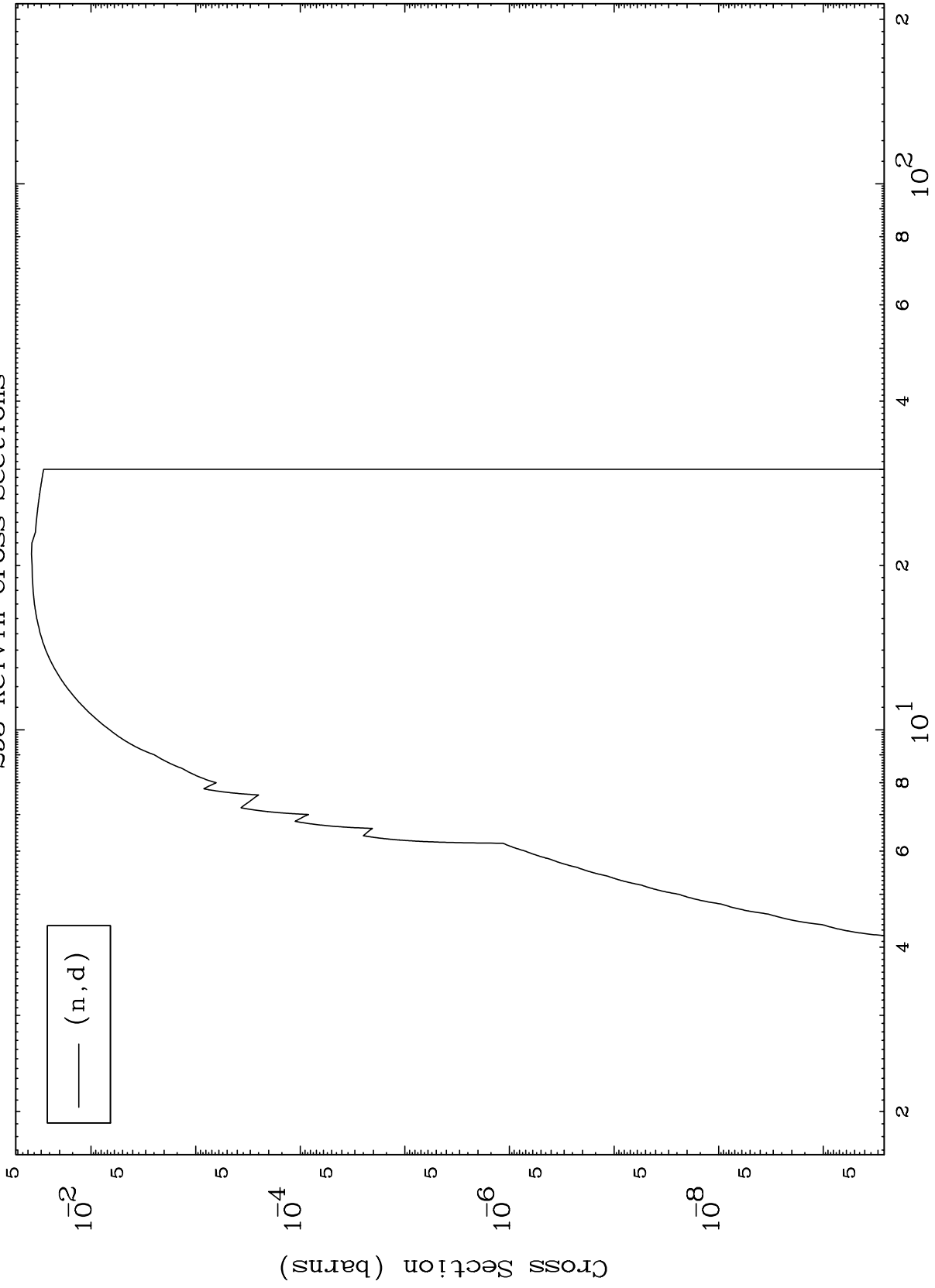
44-Ru-89



MAT 4404

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-89



10

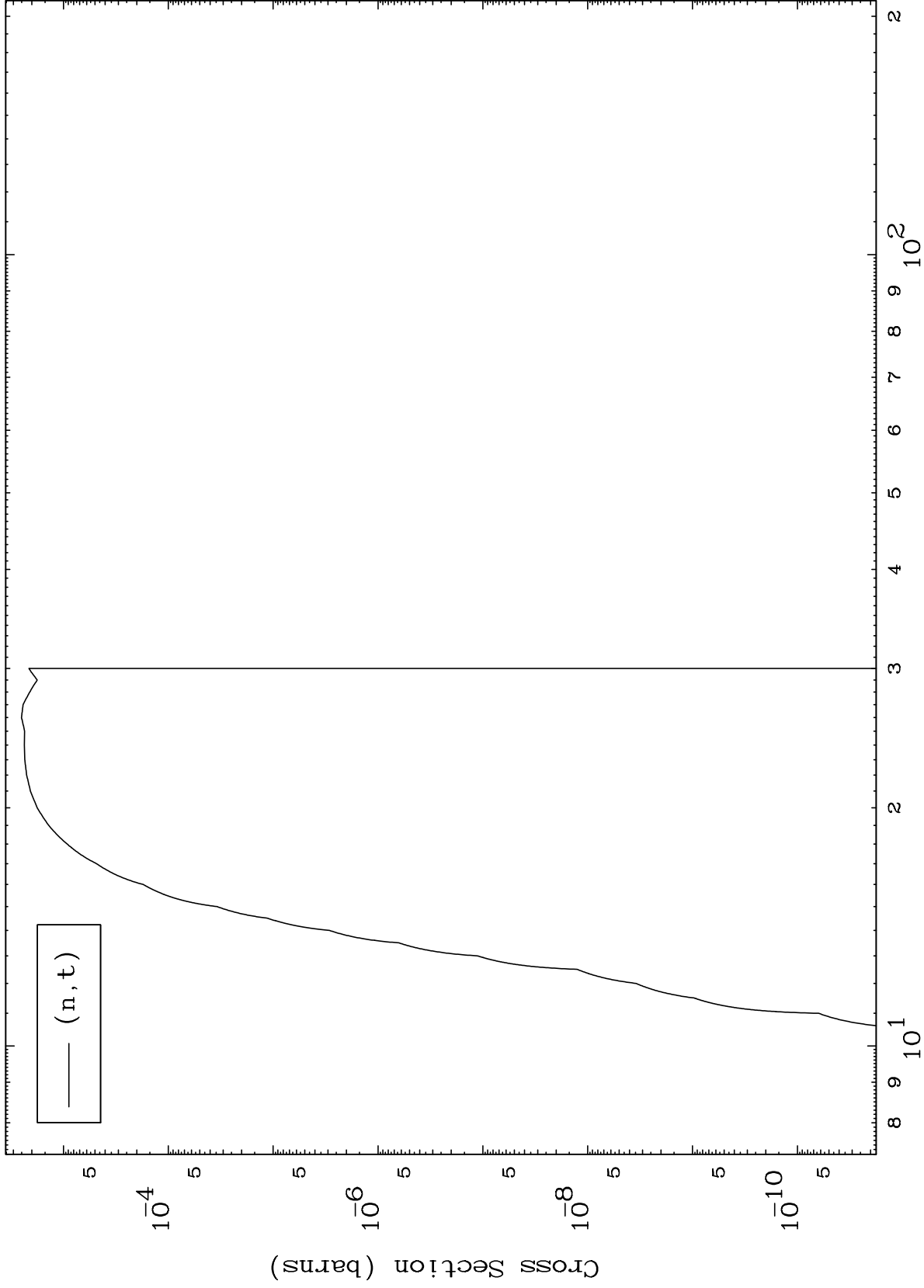
Incident Energy (MeV)

44-Ru-89

MAT 4404

(n,t) Levels
293 Kelvin Cross Sections

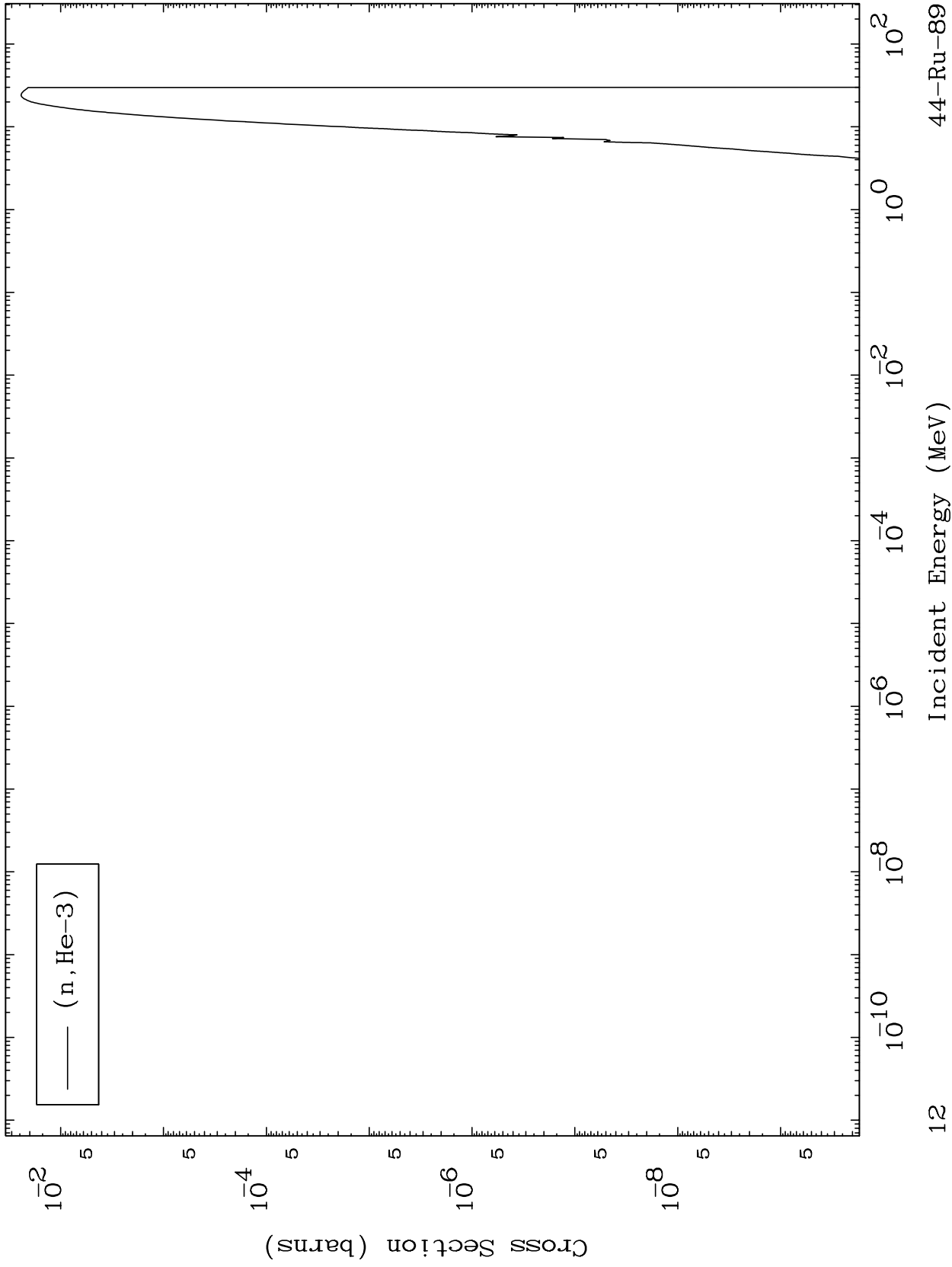
44-Ru-89



MAT 4404

(n,He3) Levels
293 Kelvin Cross Sections

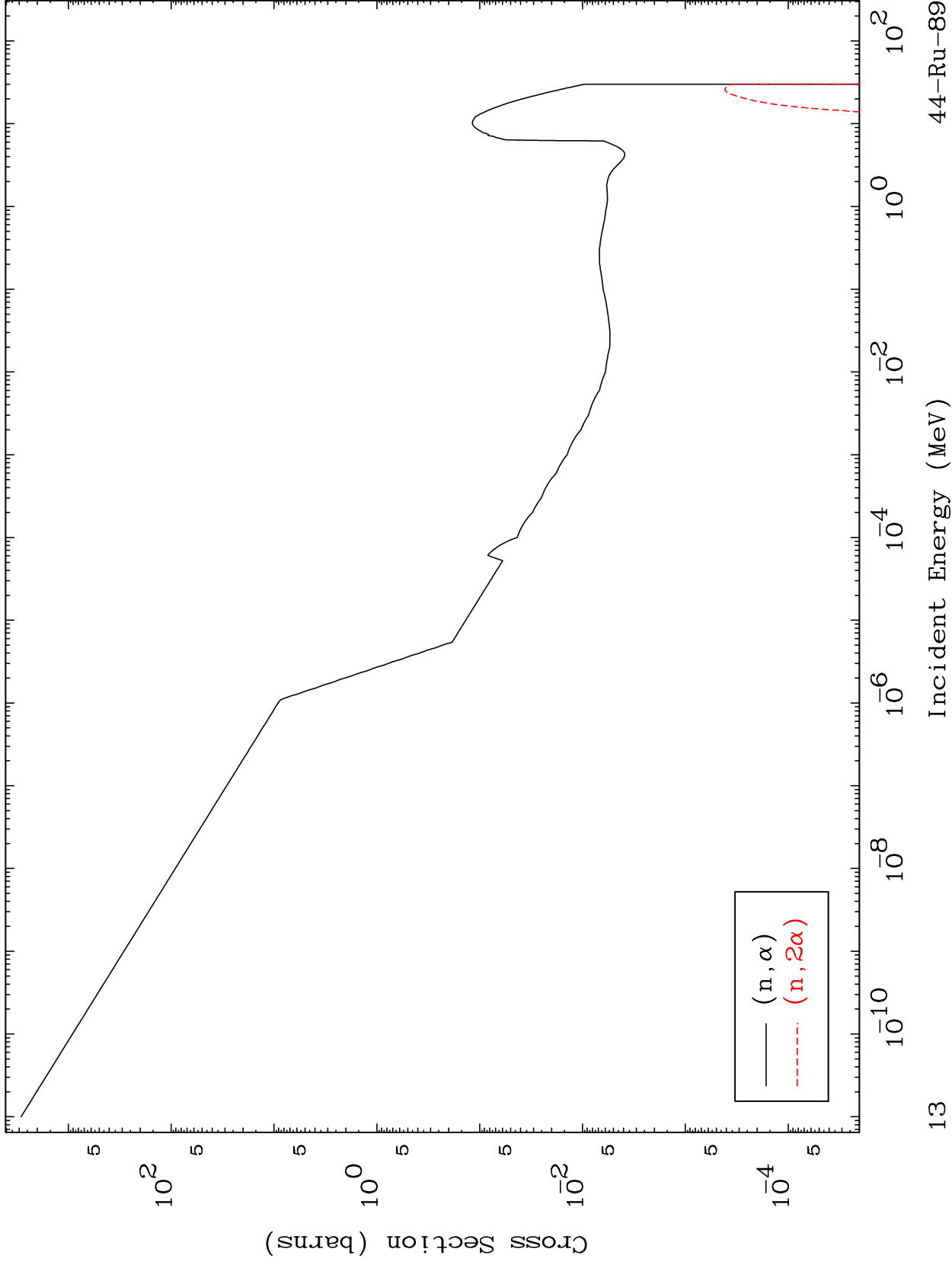
44-Ru-89



MAT 4404

(n, α) Levels
293 Kelvin Cross Sections

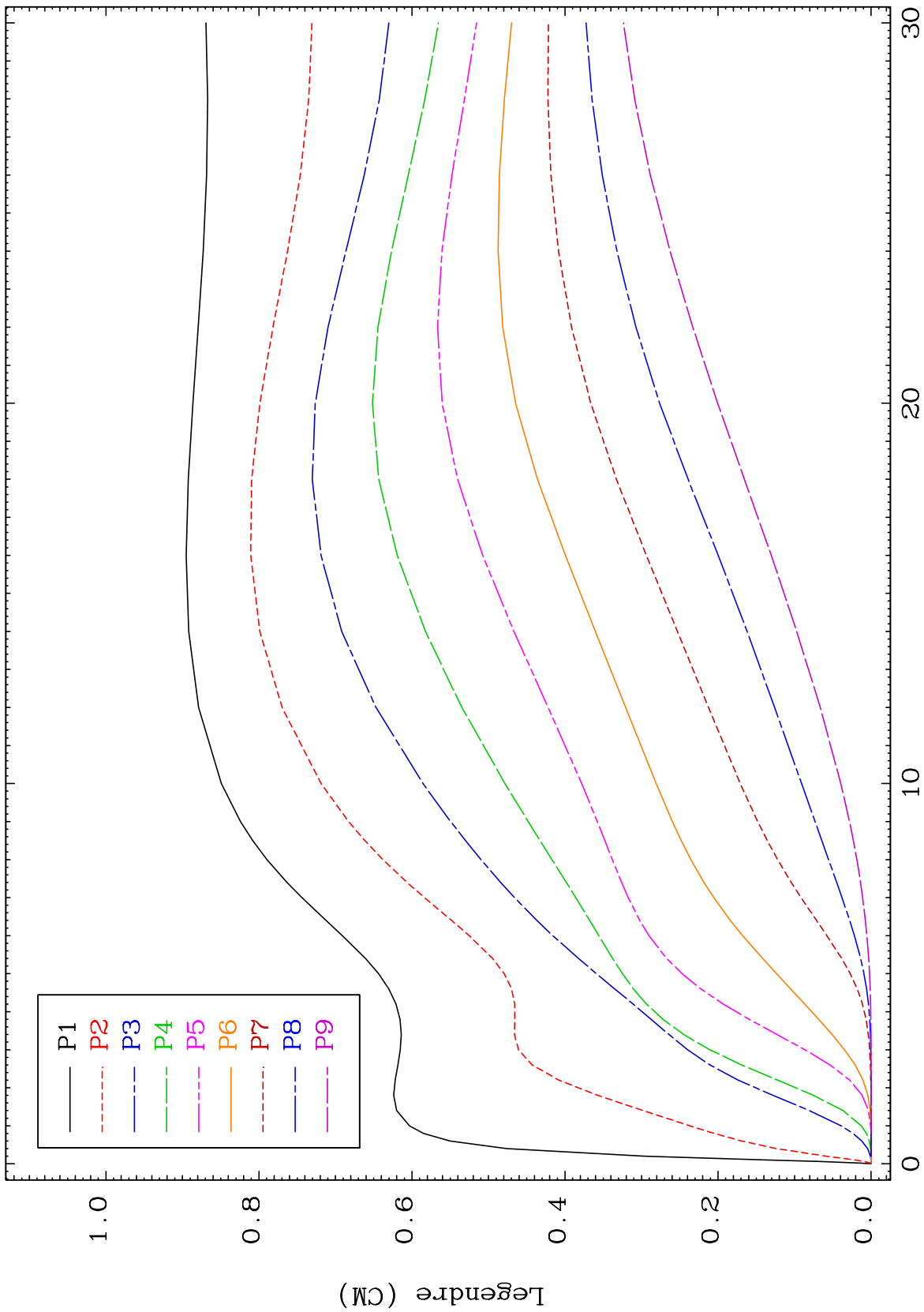
44-Ru-89



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Elastic Legendre Coefficients

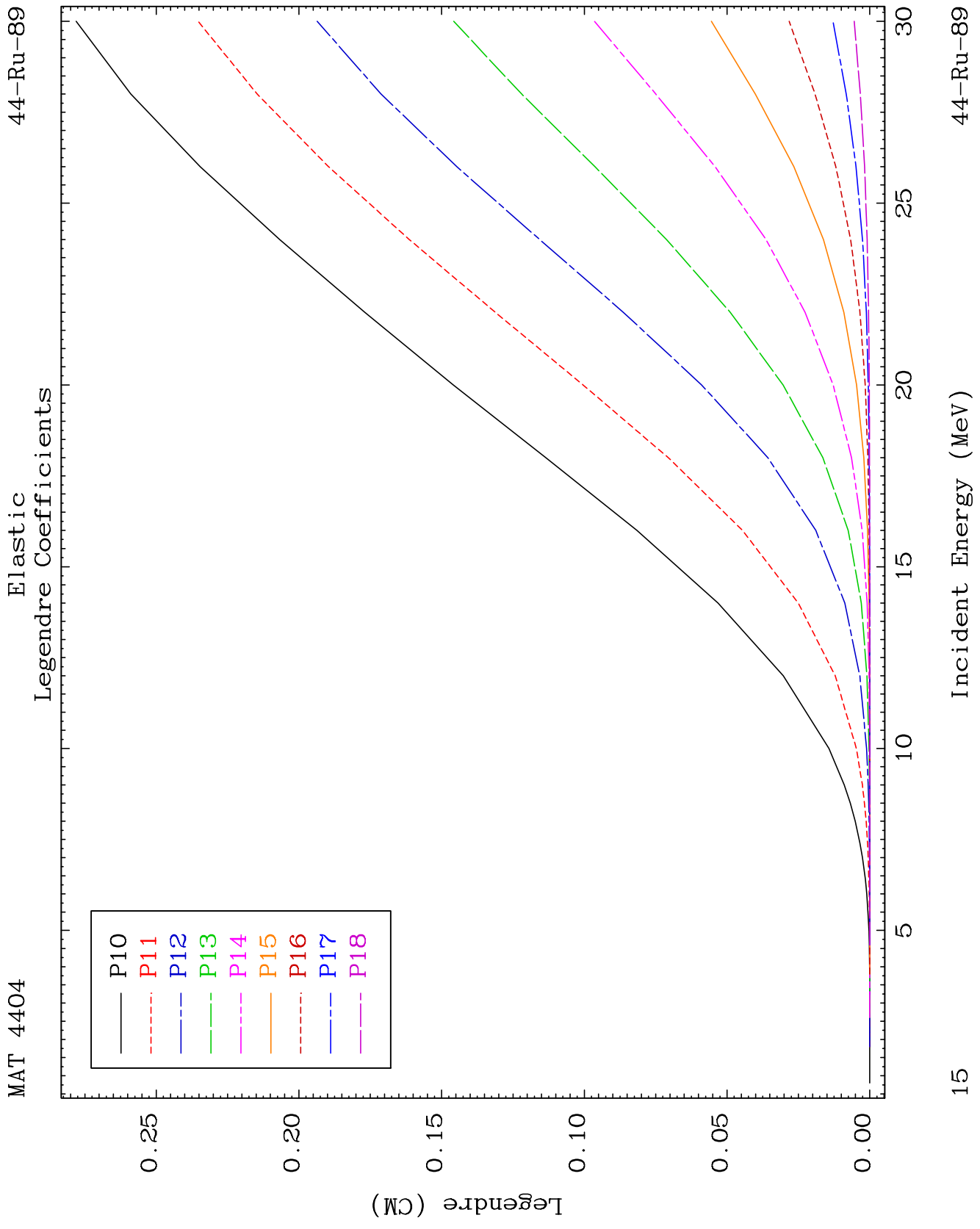
44-Ru-89



14

Incident Energy (MeV)

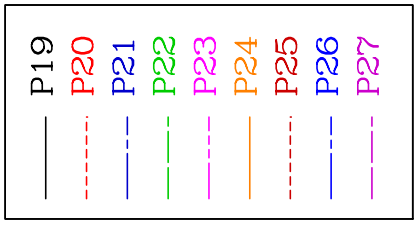
44-Ru-89



MAT 4404

Elastic Legendre Coefficients

44-Ru-89



$\times 10^{-3}$
2.0

1.5

1.0

0.5

0.0

Legendre (CM)

10

15

20

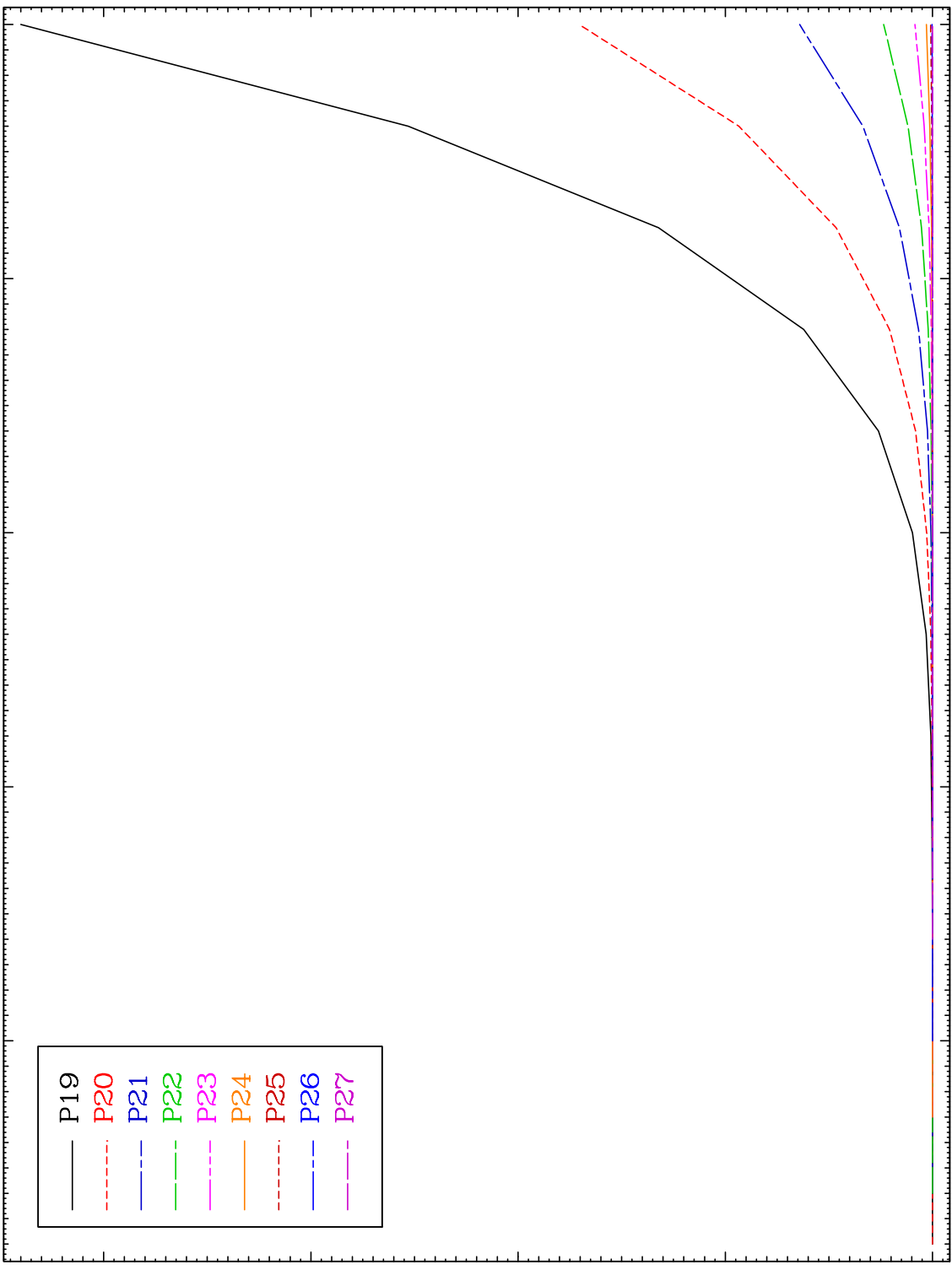
25

30

16

Incident Energy (MeV)

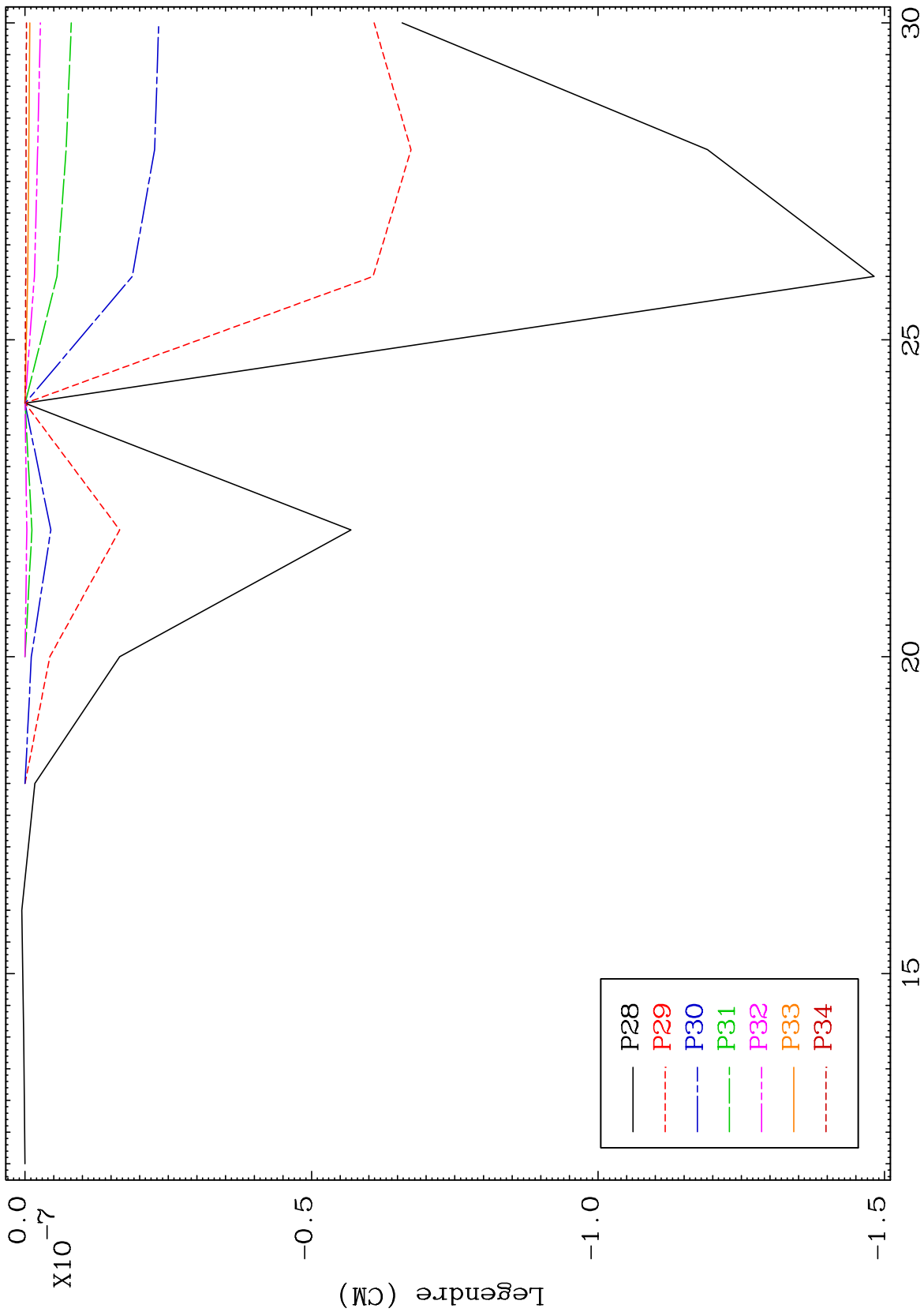
44-Ru-89



MAT 4404

44-Ru-89

Elastic Legendre Coefficients



17

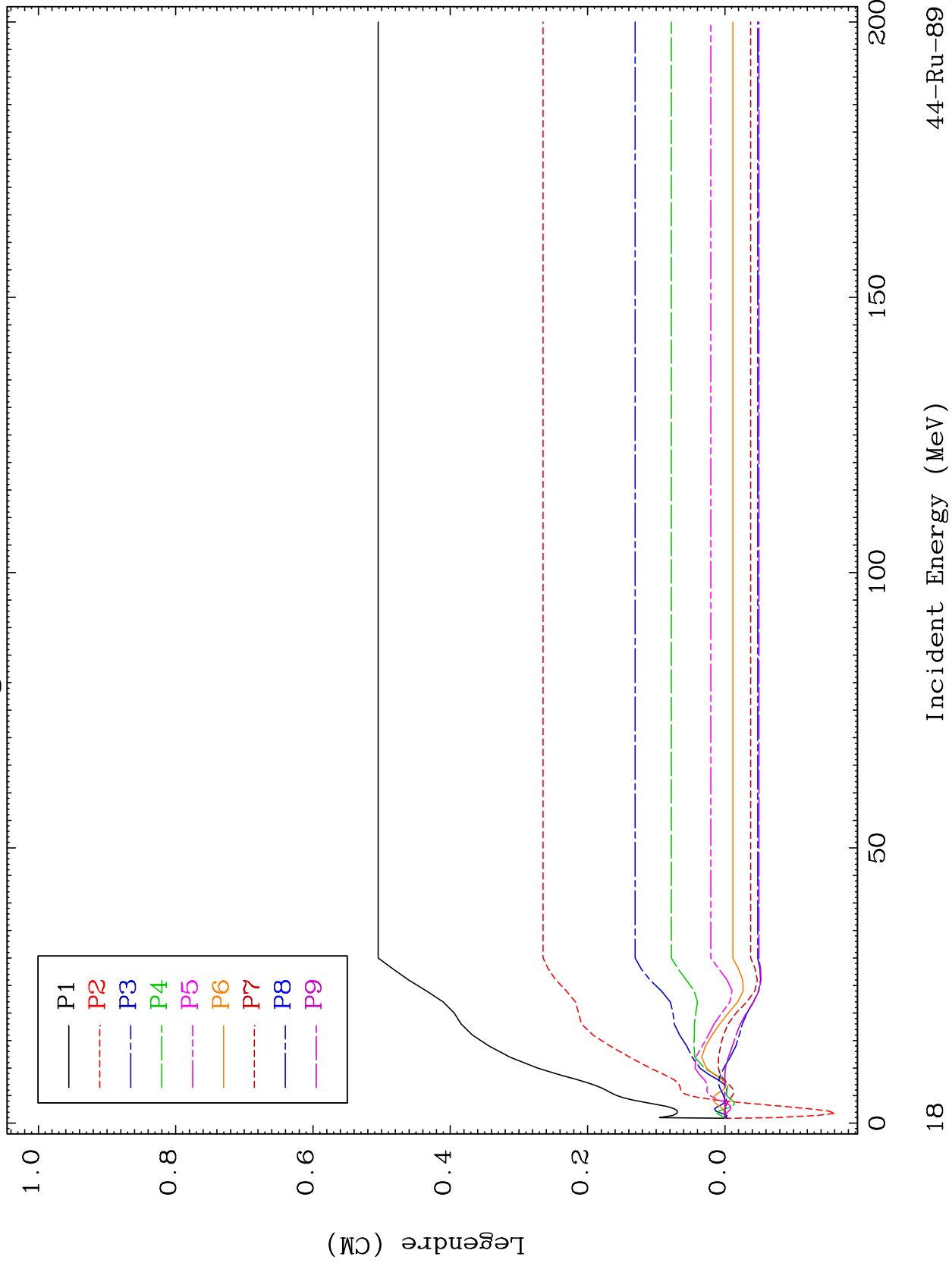
Incident Energy (MeV)

44-Ru-89

MAT 4404

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

44-Ru-89



44-Ru-89

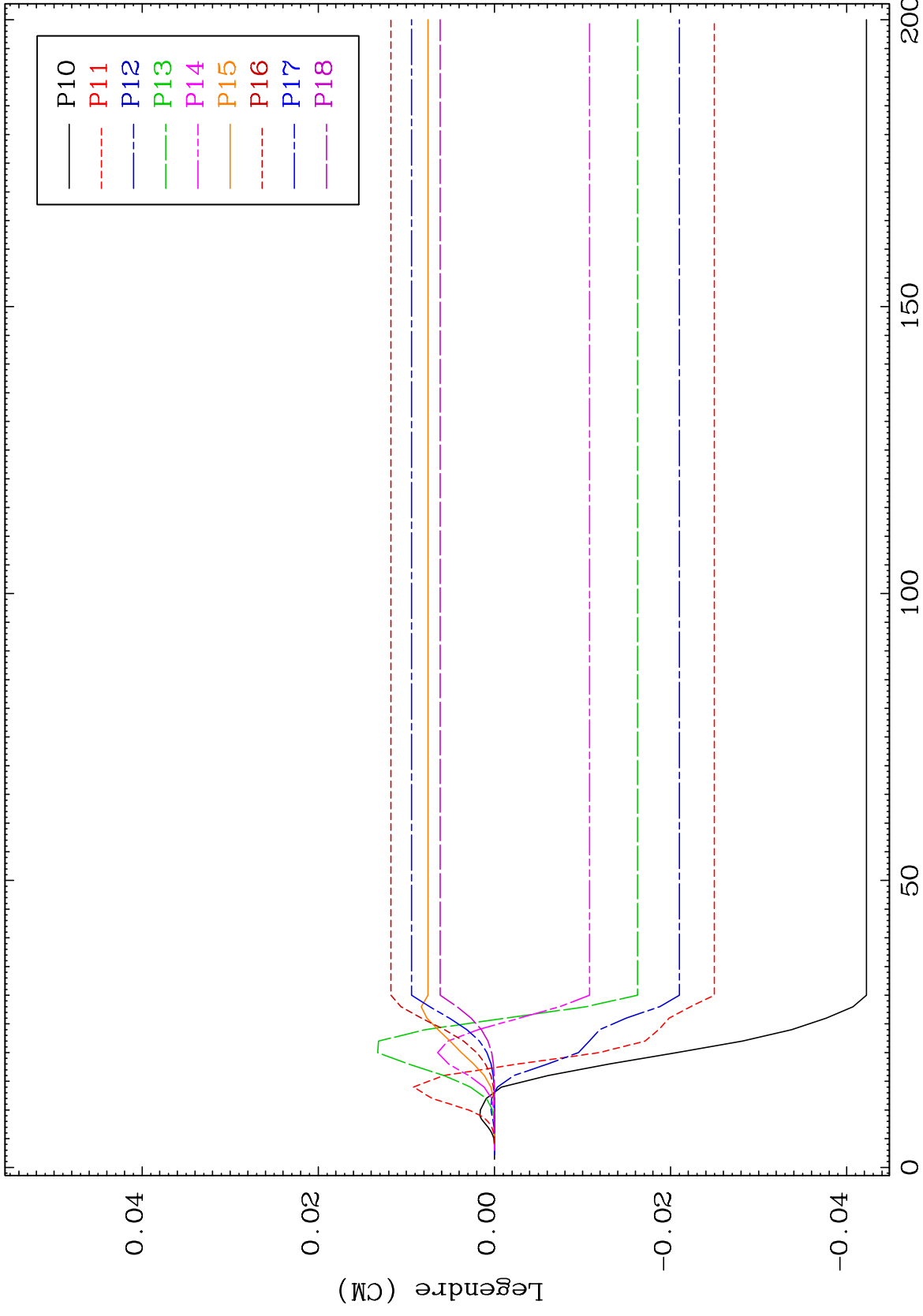
Incident Energy (MeV)

18

MAT 4404

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

44-Ru-89



19

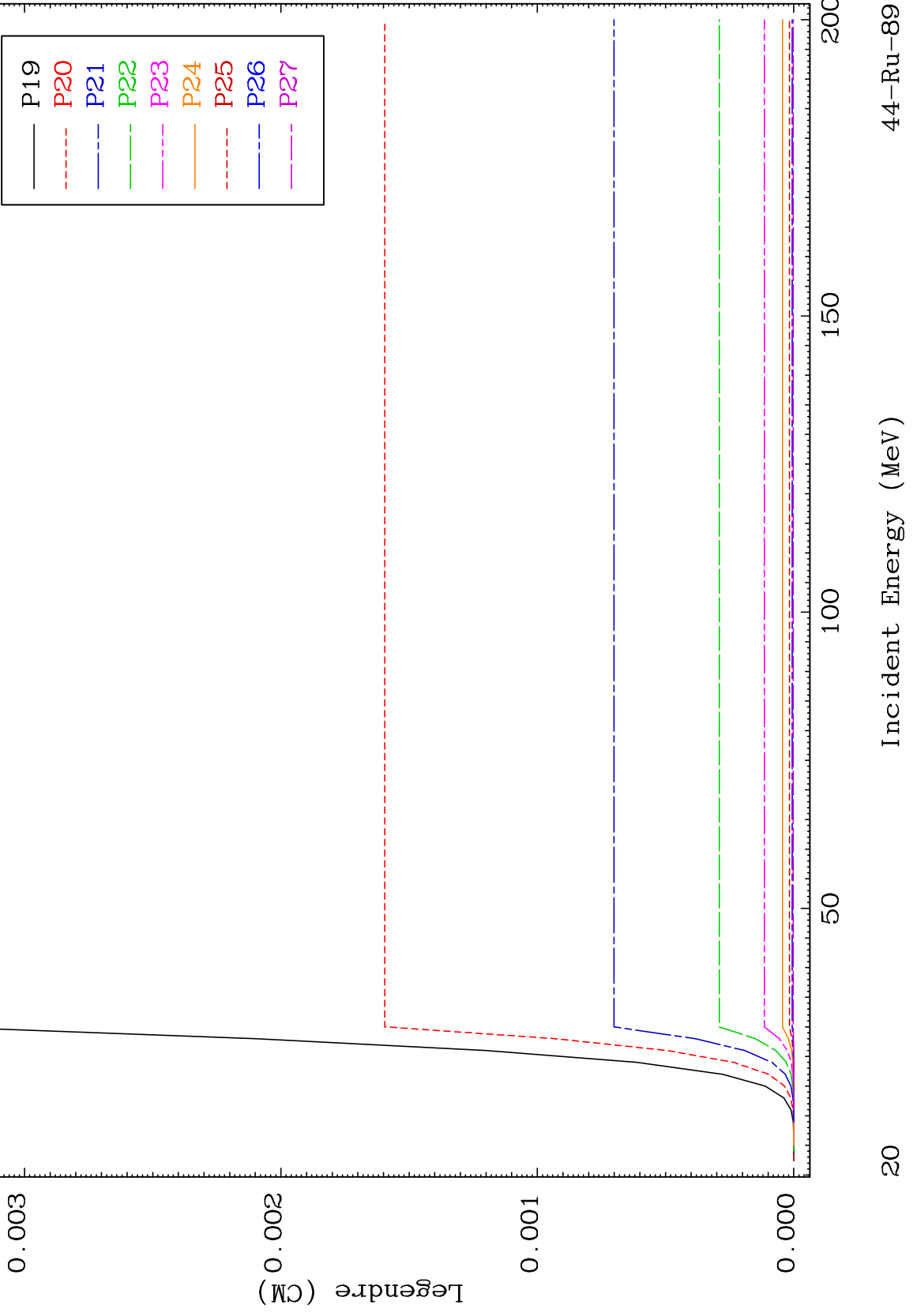
Incident Energy (MeV)

44-Ru-89

MAT 4404

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

44-Ru-89



20

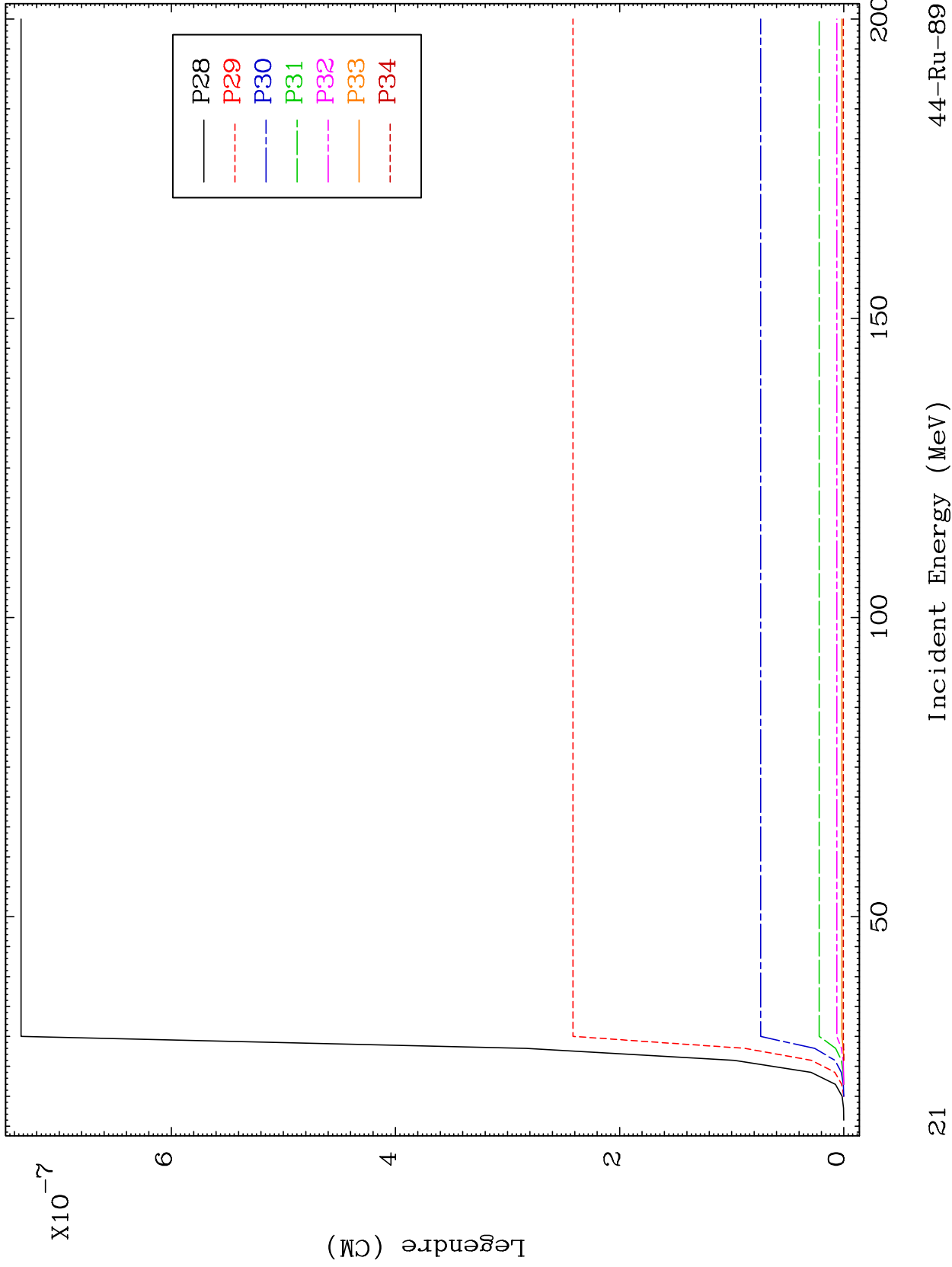
Incident Energy (MeV)

44-Ru-89

MAT 4404

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

44-Ru-89



21

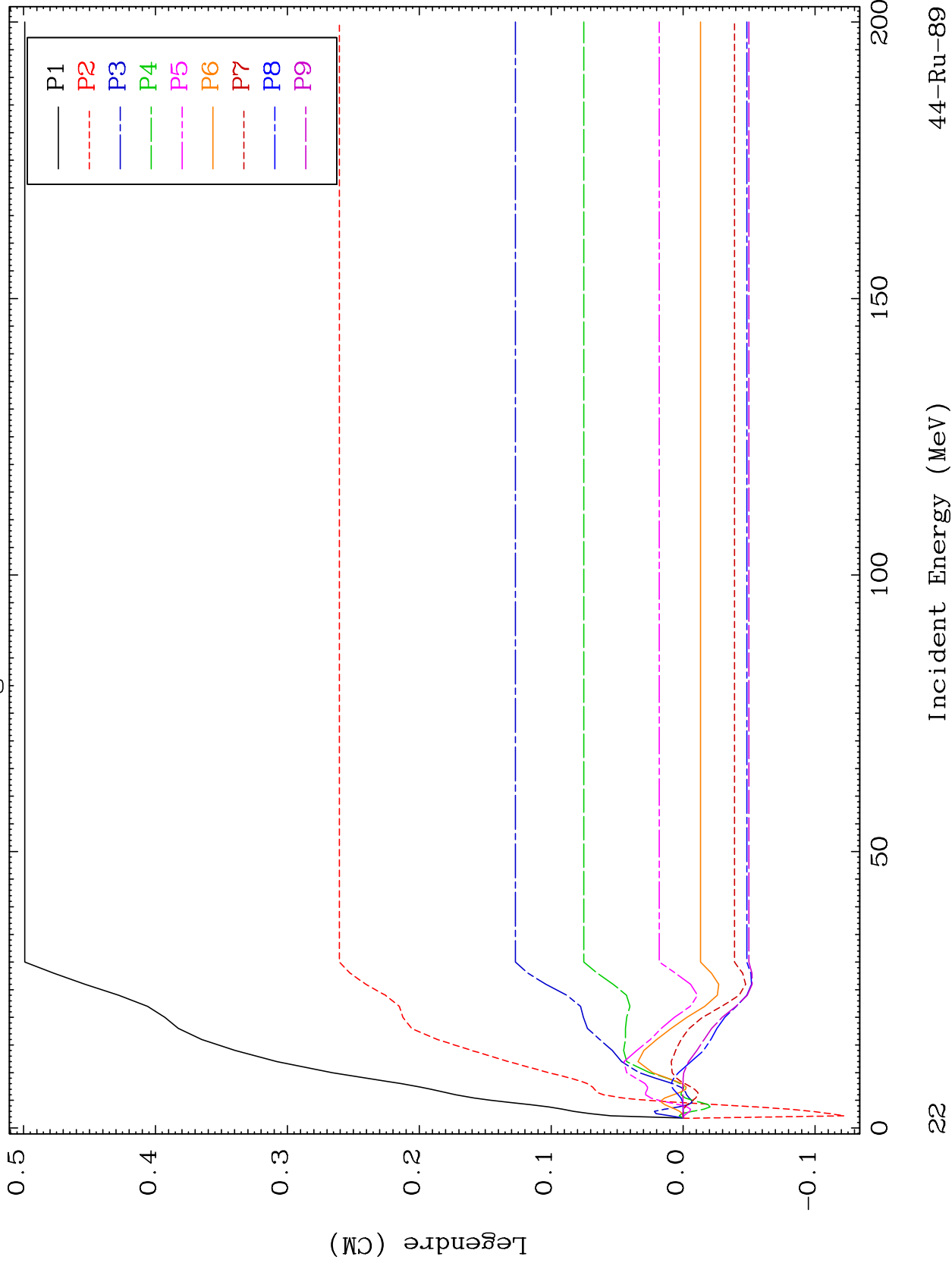
Incident Energy (MeV)

44-Ru-89

MAT 4404

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

44-Ru-89



44-Ru-89

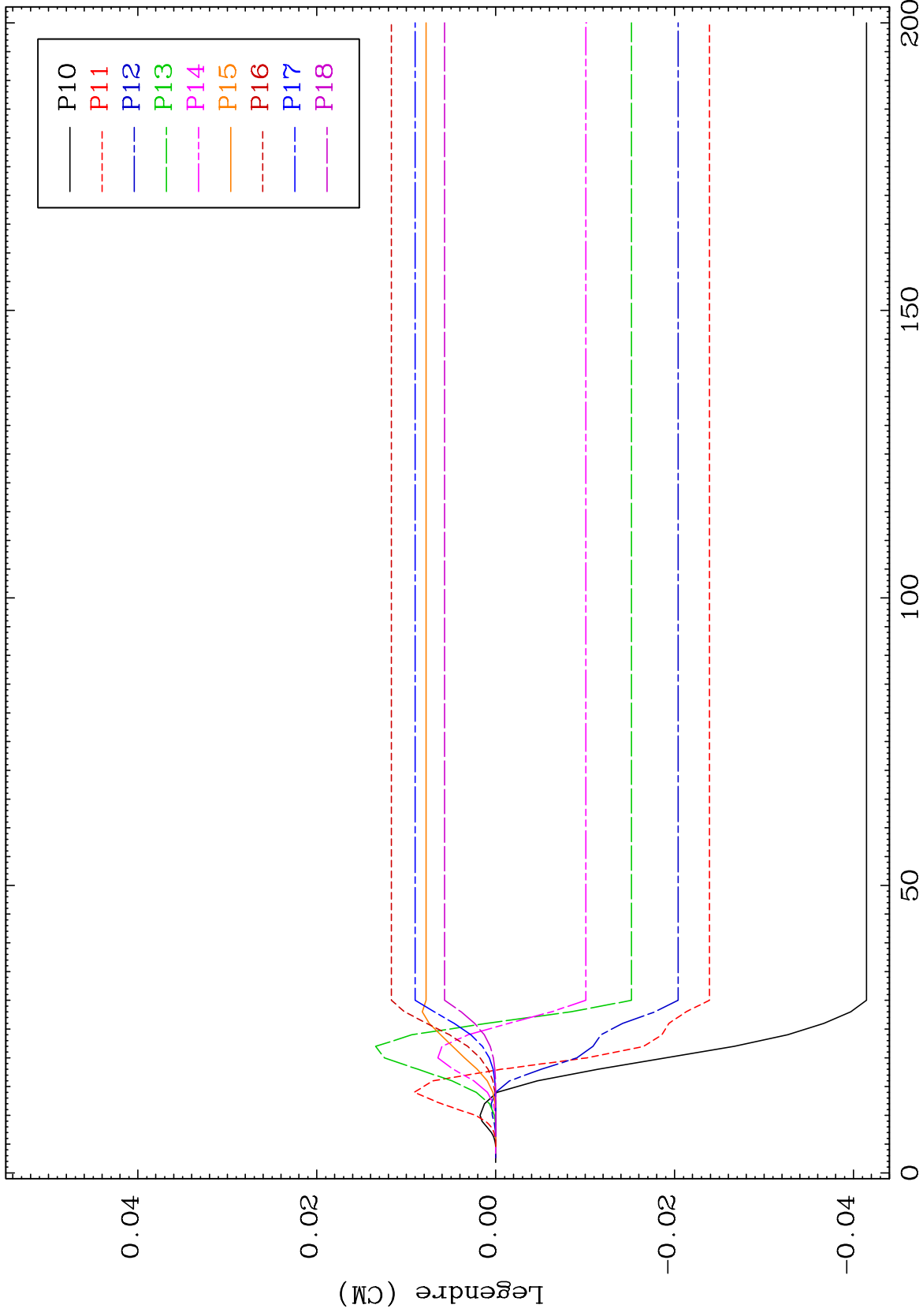
Incident Energy (MeV)

22

MAT 4404

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

44-Ru-89



23

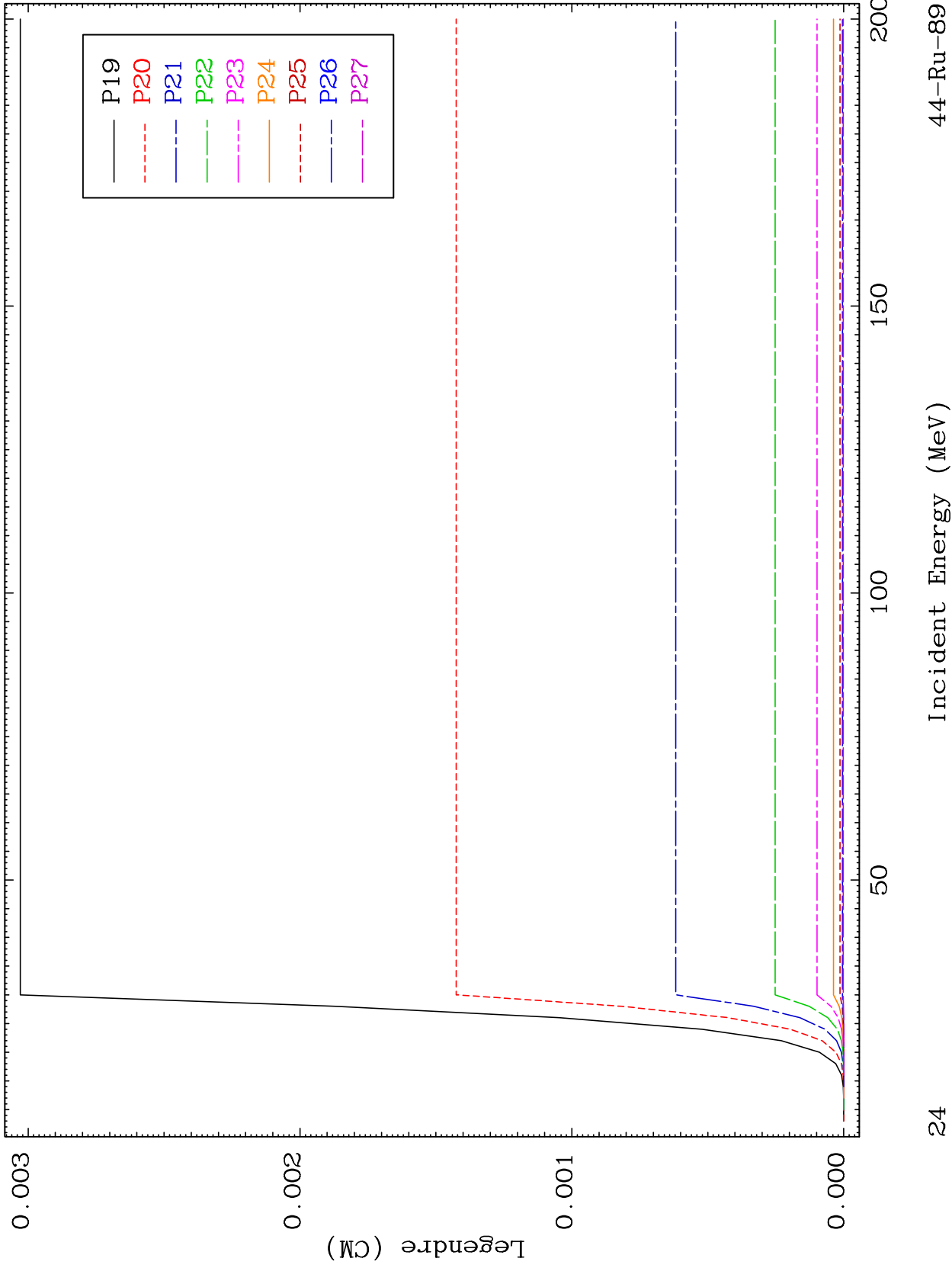
Incident Energy (MeV)

44-Ru-89

MAT 4404

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

44-Ru-89



24

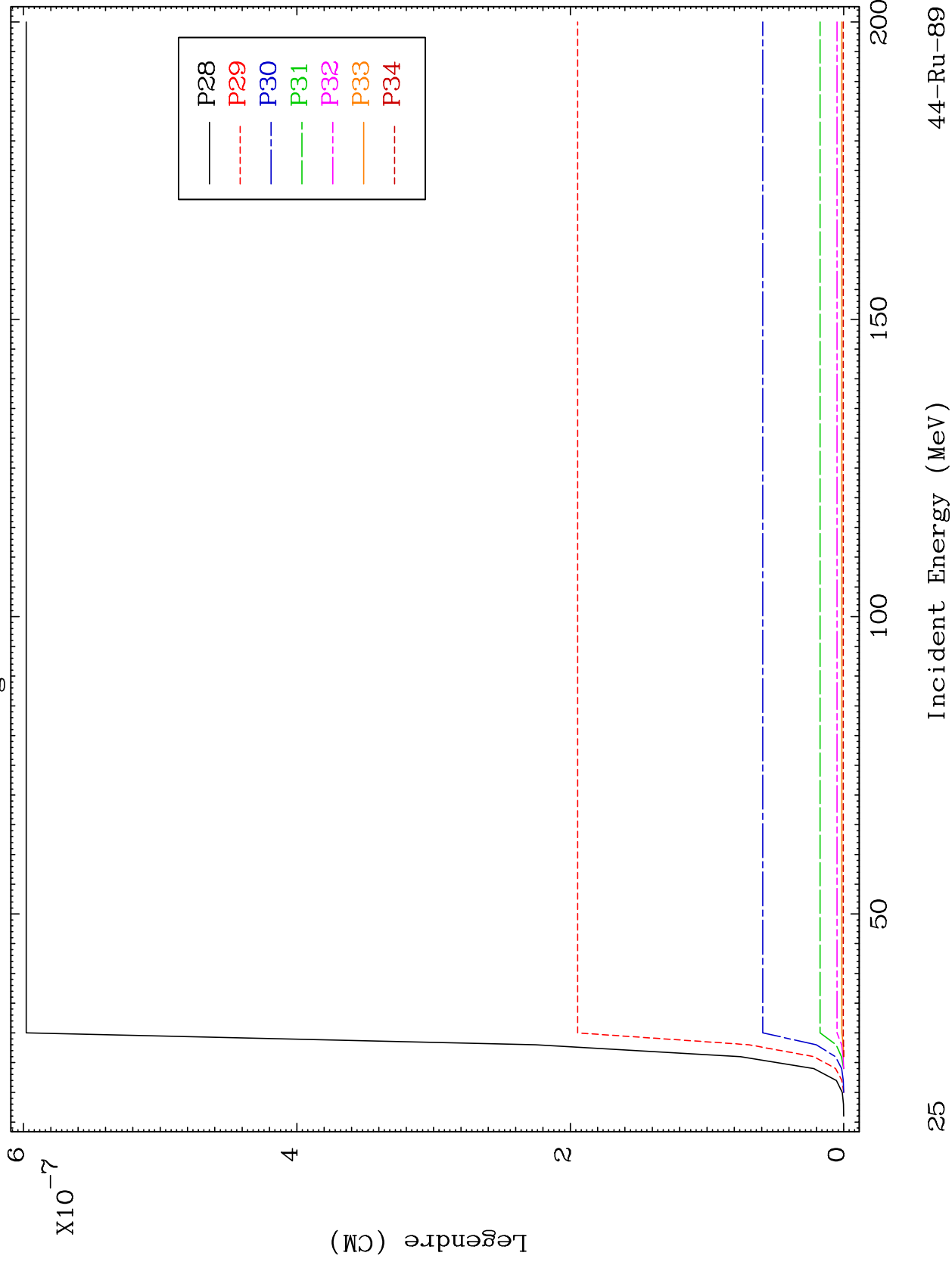
Incident Energy (MeV)

44-Ru-89

MAT 4404

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

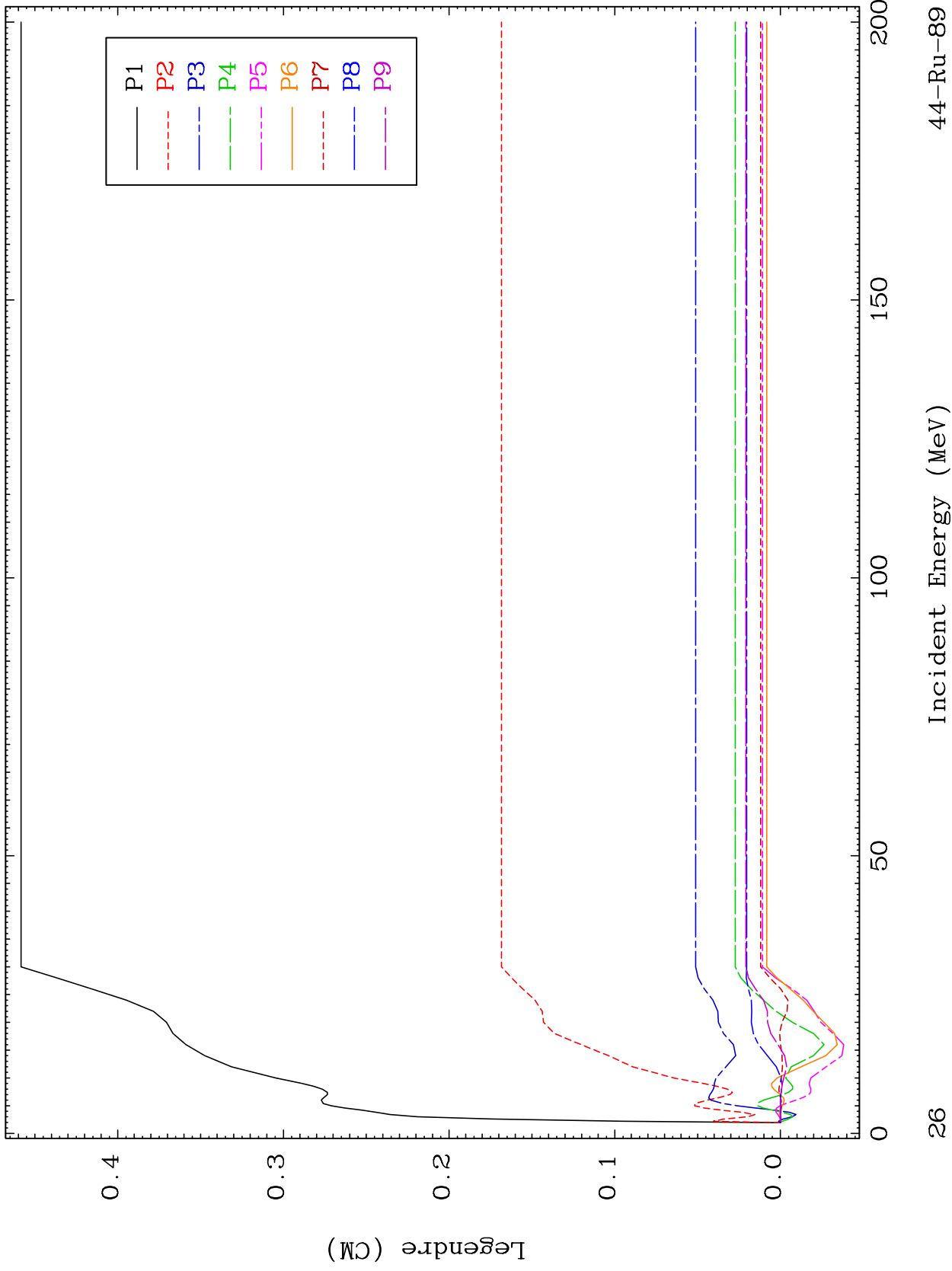
44-Ru-89



MAT 4404

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

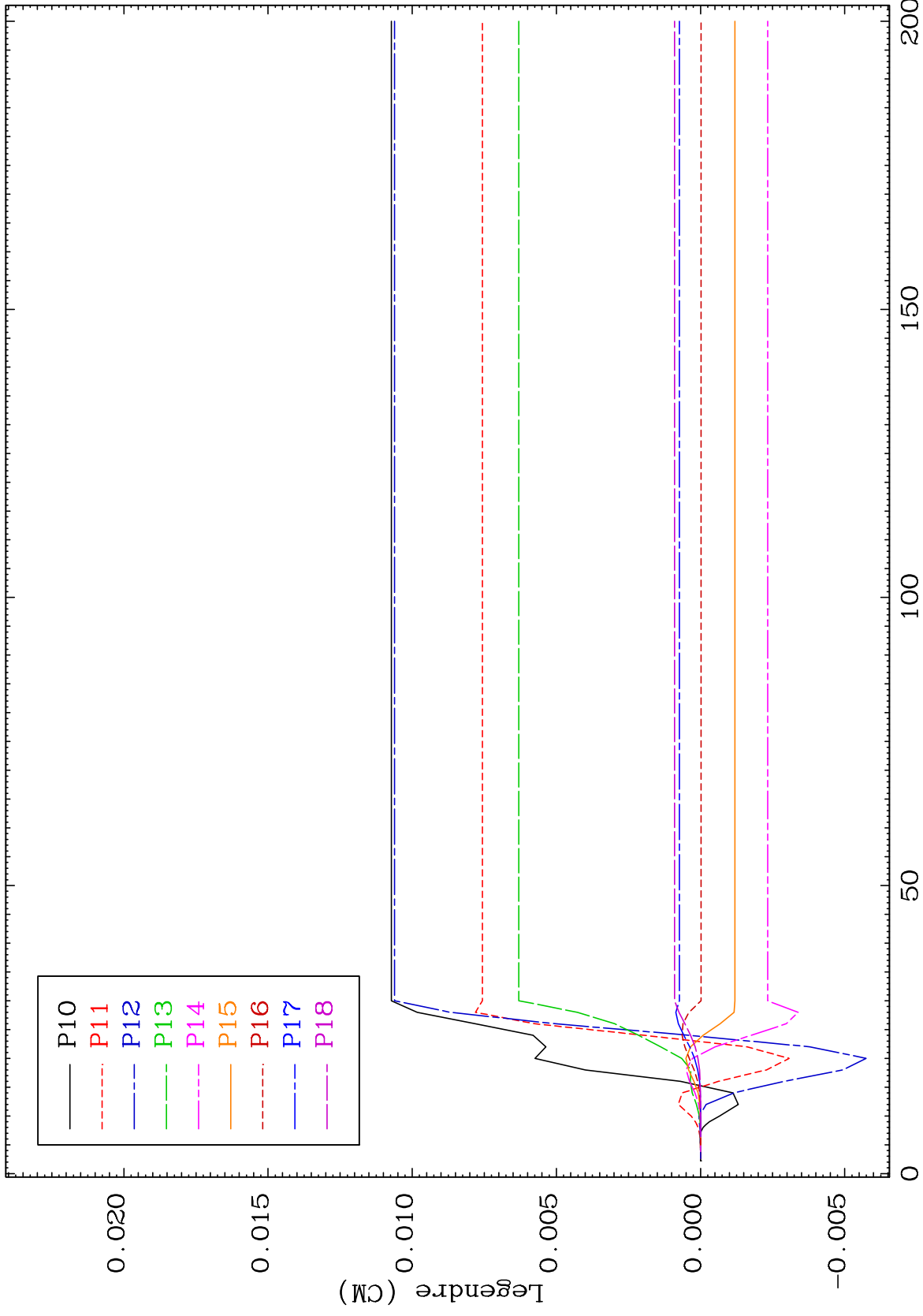
44-Ru-89



26

Incident Energy (MeV)

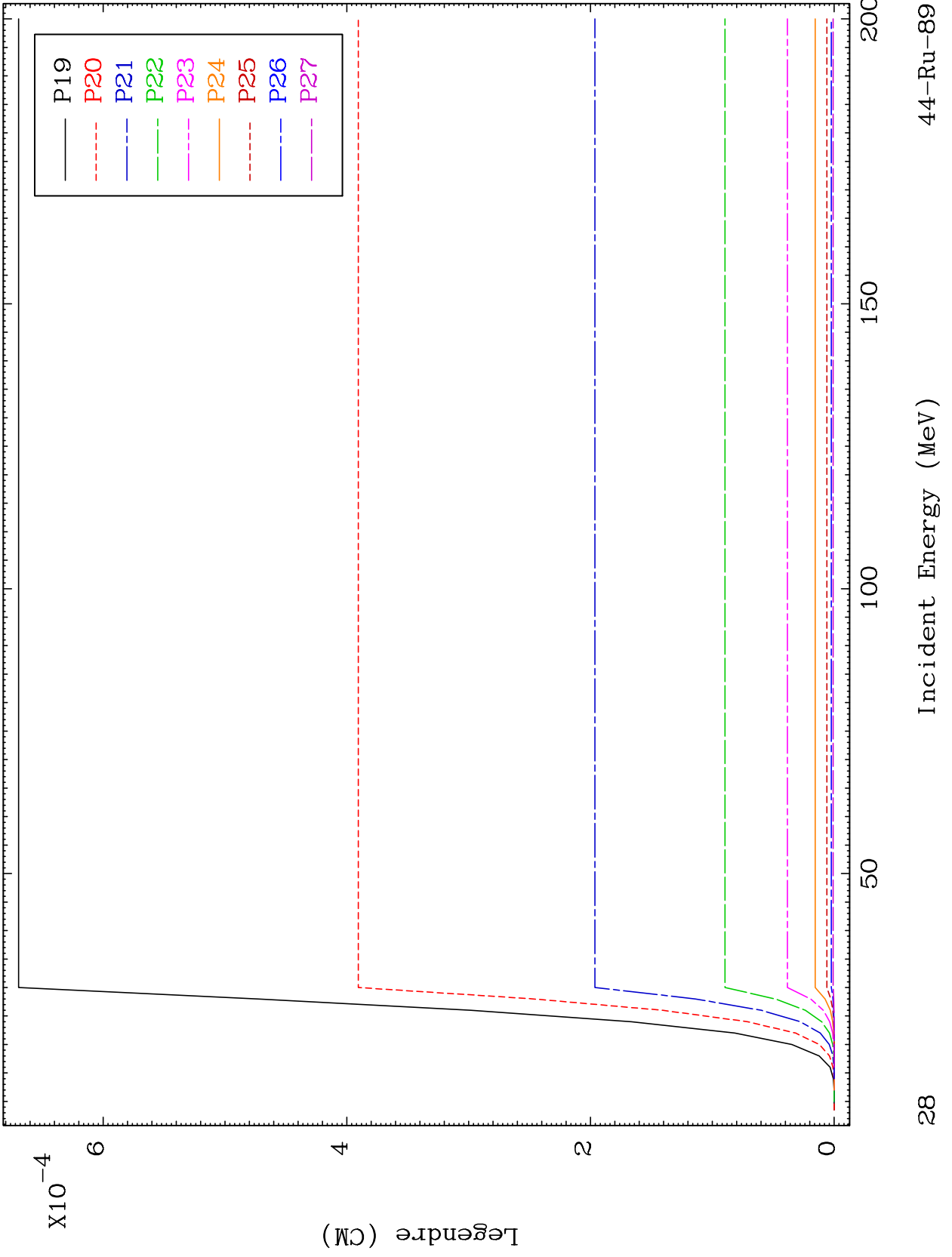
44-Ru-89



MAT 4404

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

44-Ru-89

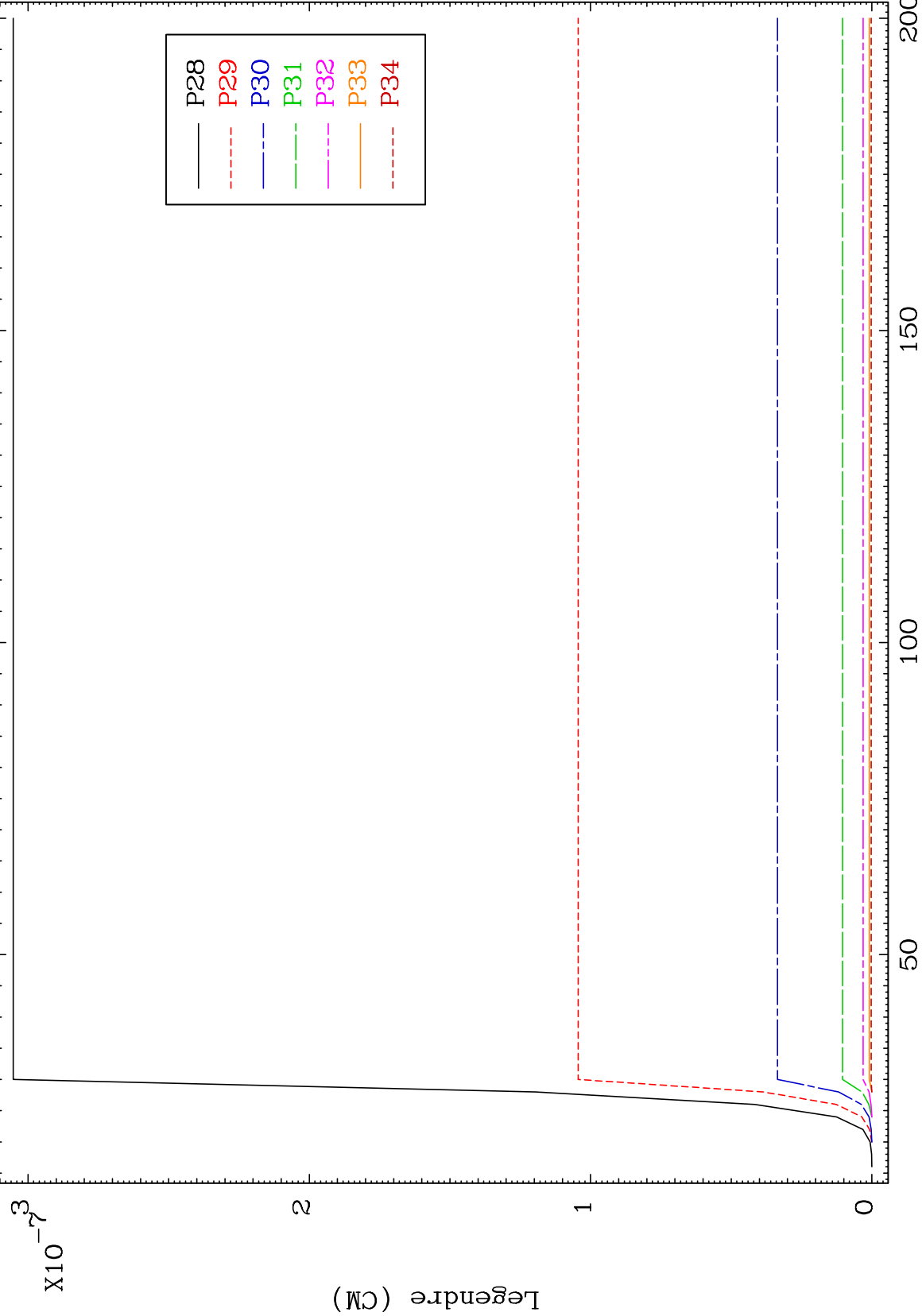


28

MAT 4404

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

44-Ru-89



29

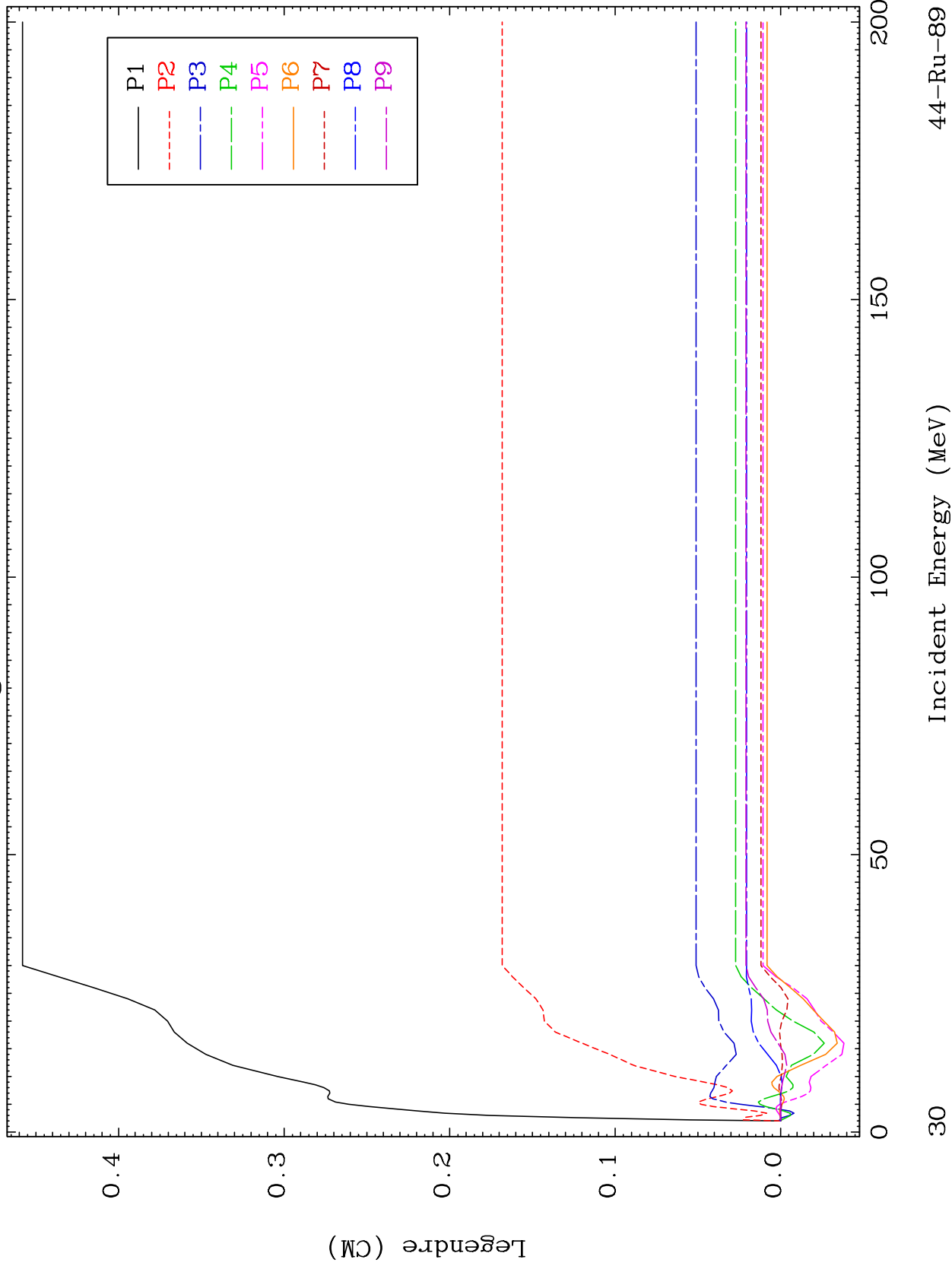
Incident Energy (MeV)

44-Ru-89

MAT 4404

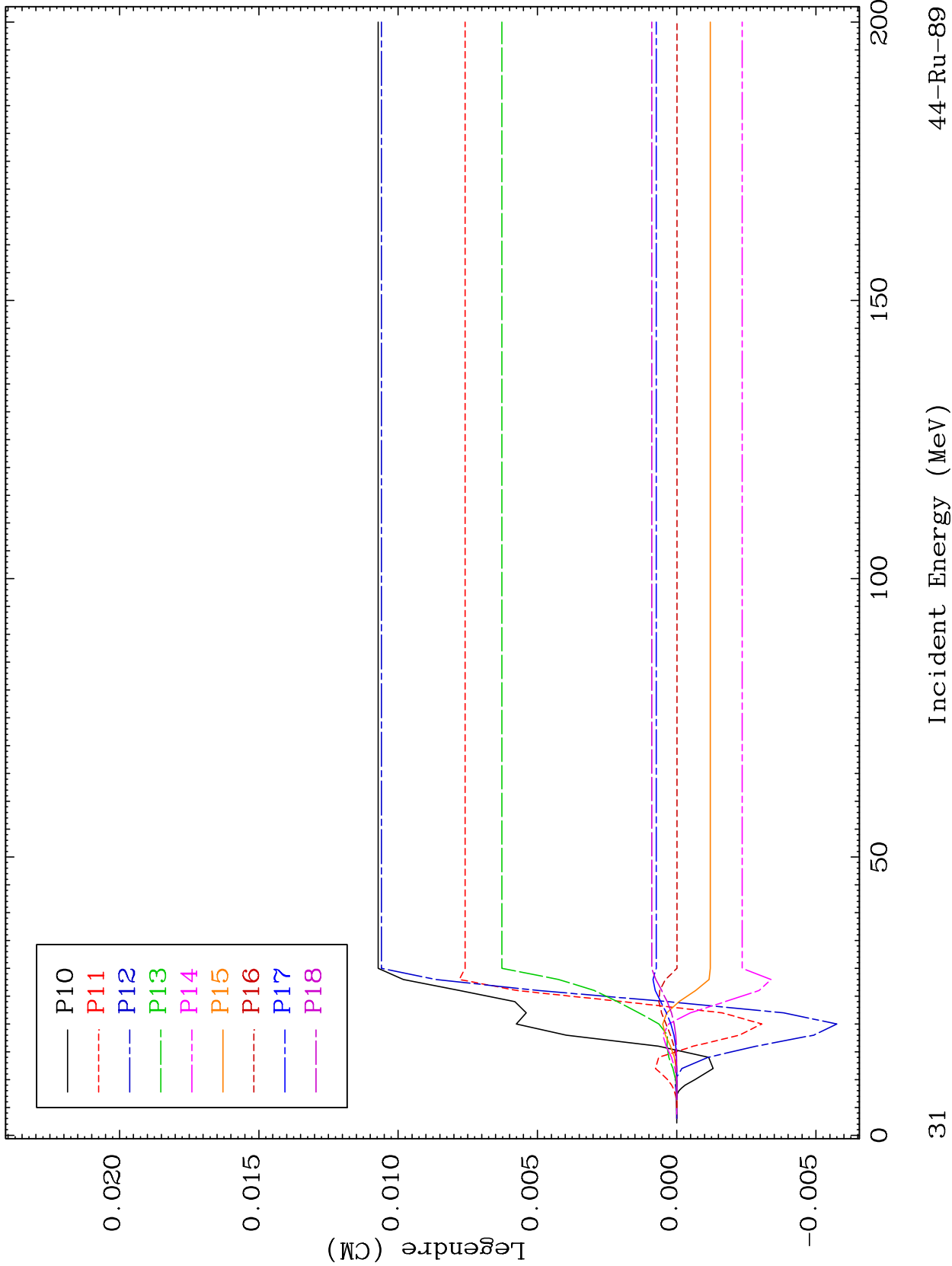
MT= 54 (n,n') Level
Legendre Coefficients

44-Ru-89



44-Ru-89

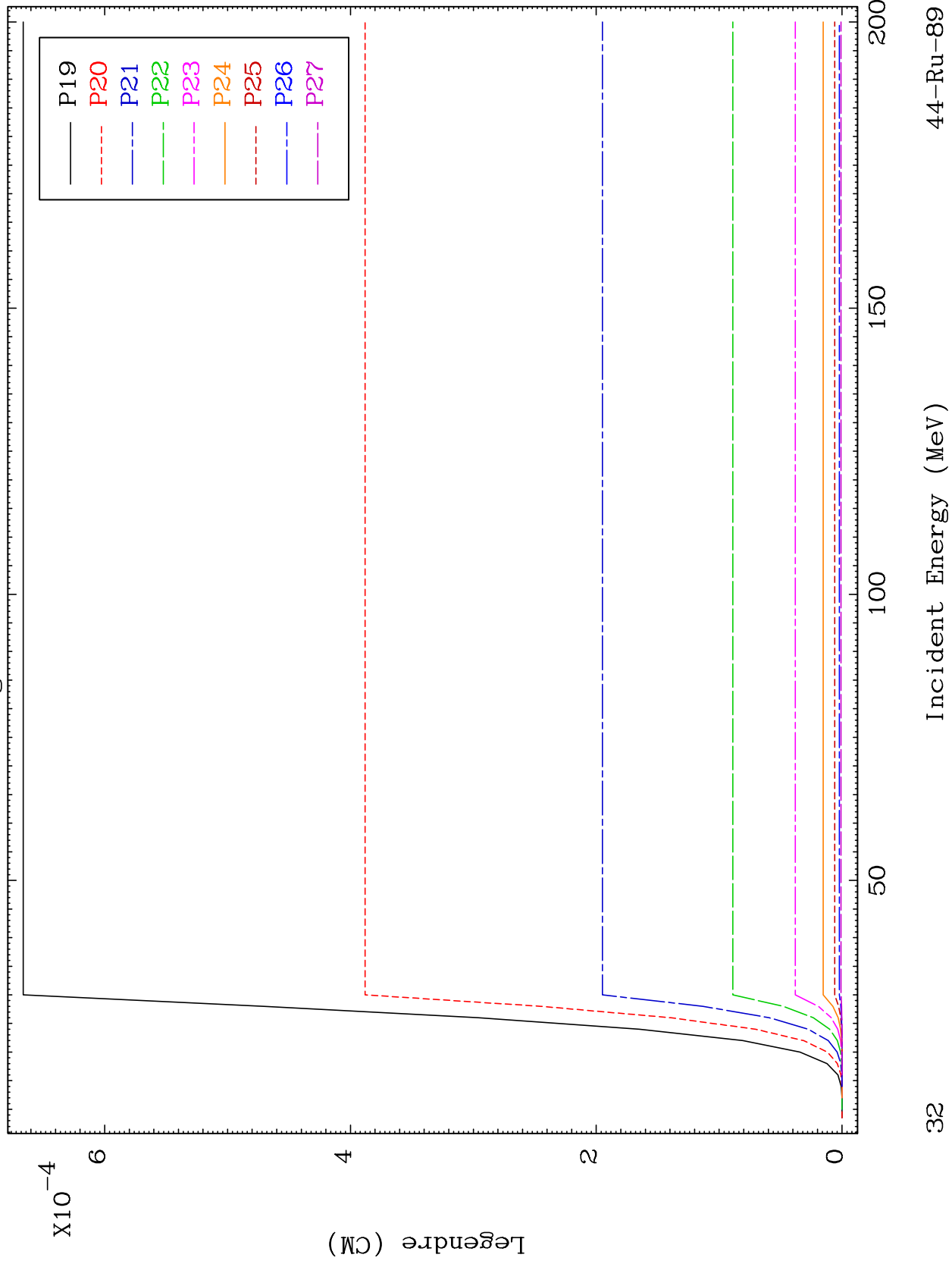
Incident Energy (MeV)



MAT 4404

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

44-Ru-89



32

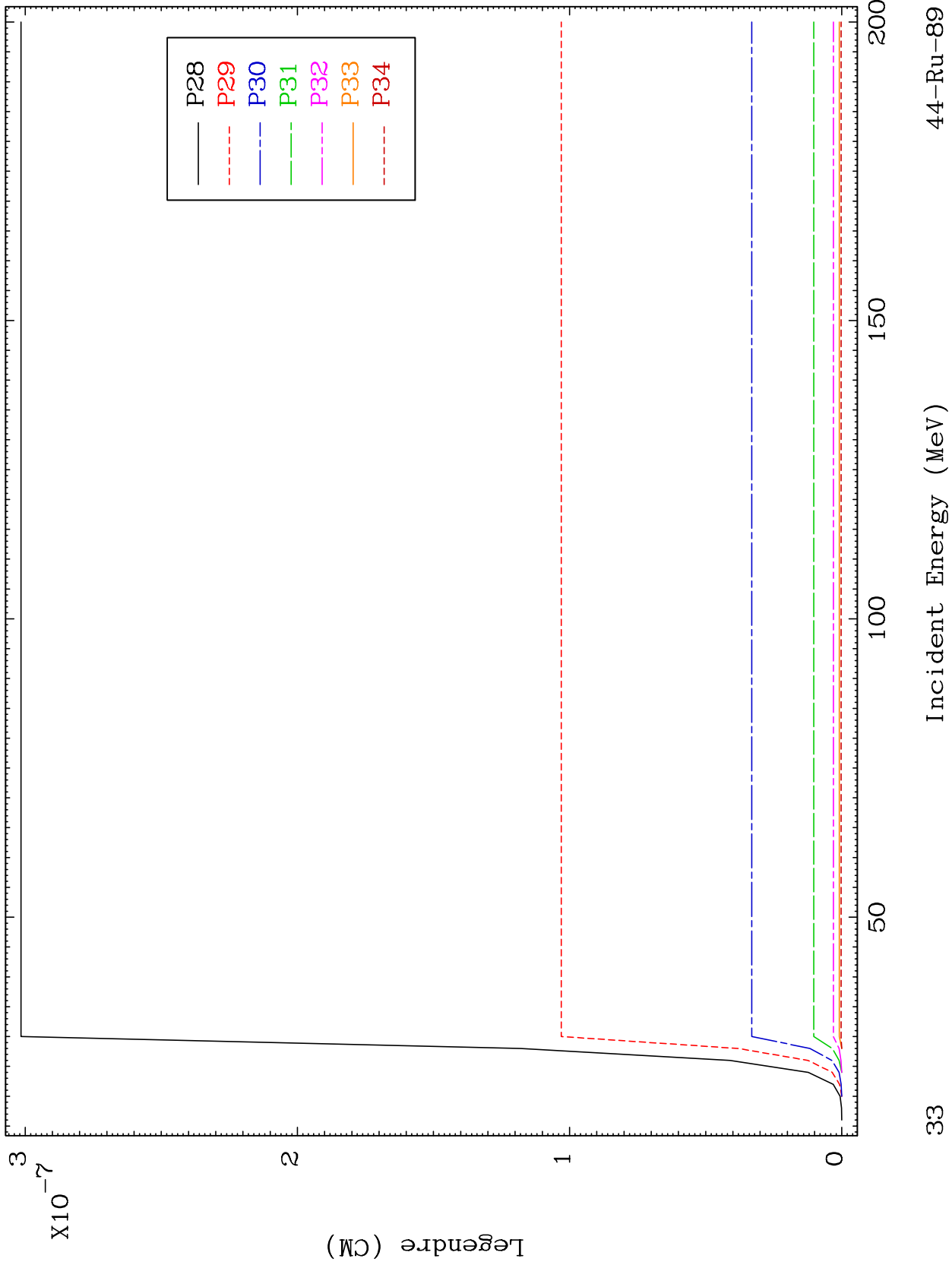
Incident Energy (MeV)

44-Ru-89

MAT 4404

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

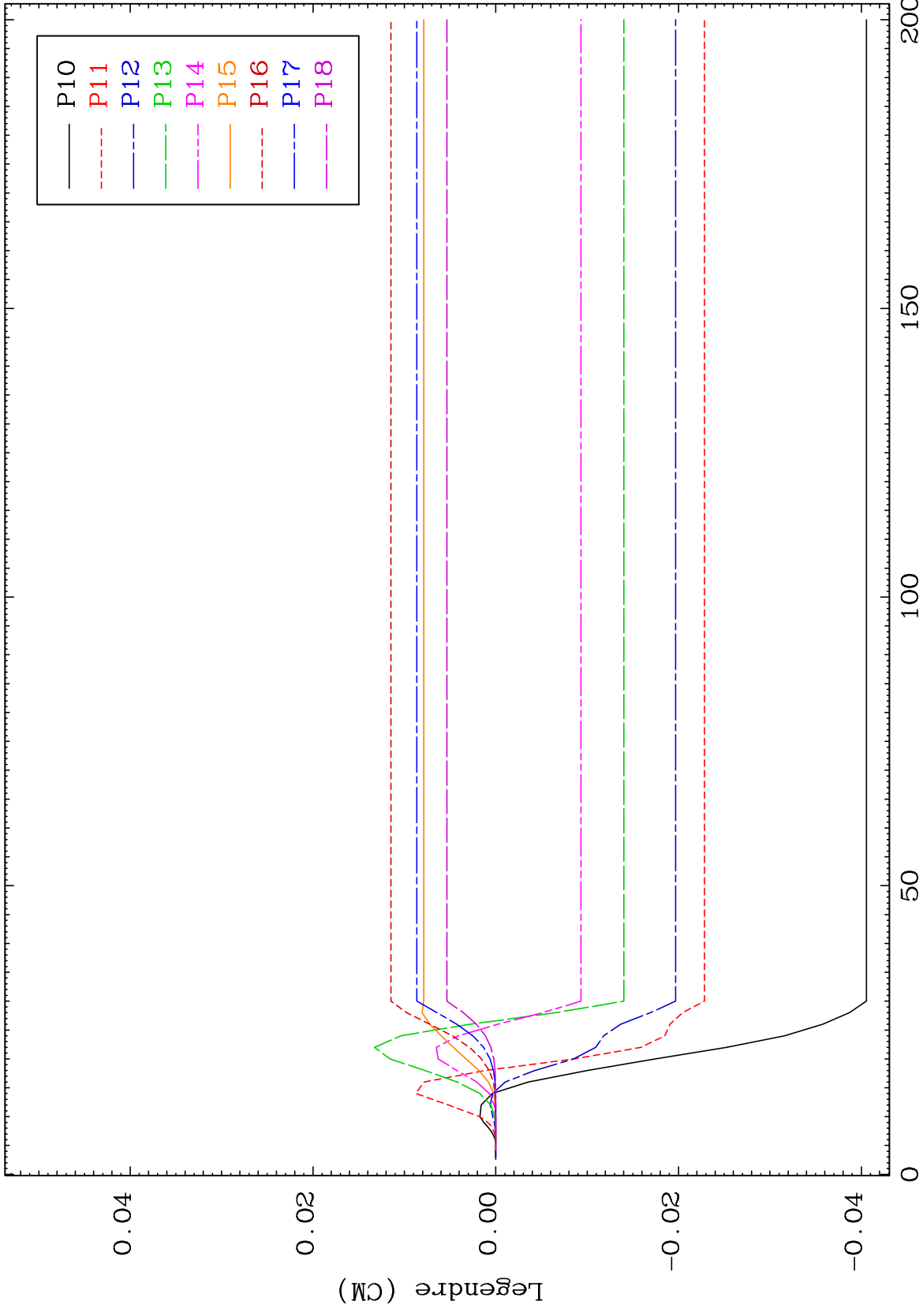
44-Ru-89



MAT 4404

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

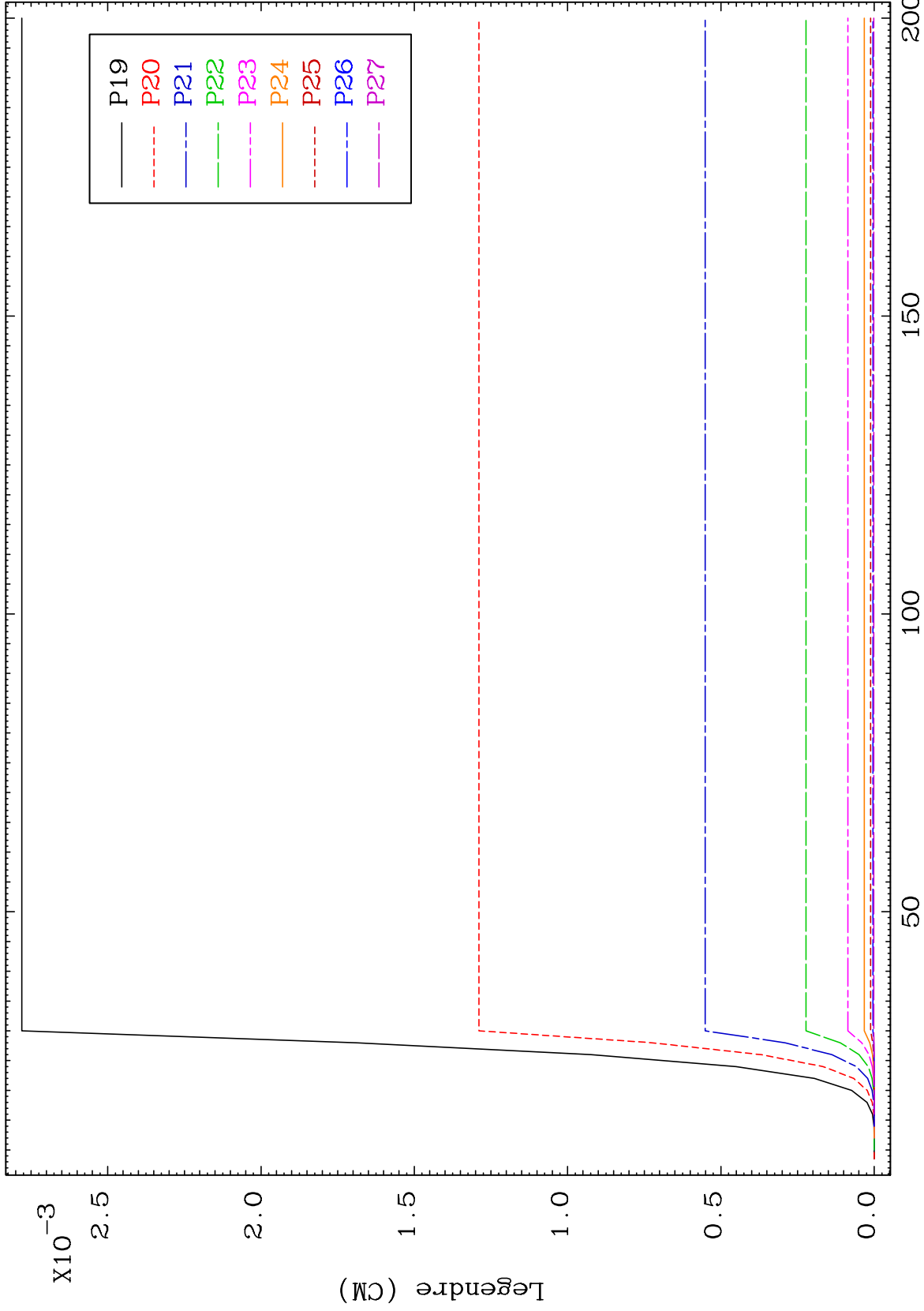
44-Ru-89



35

Incident Energy (MeV)

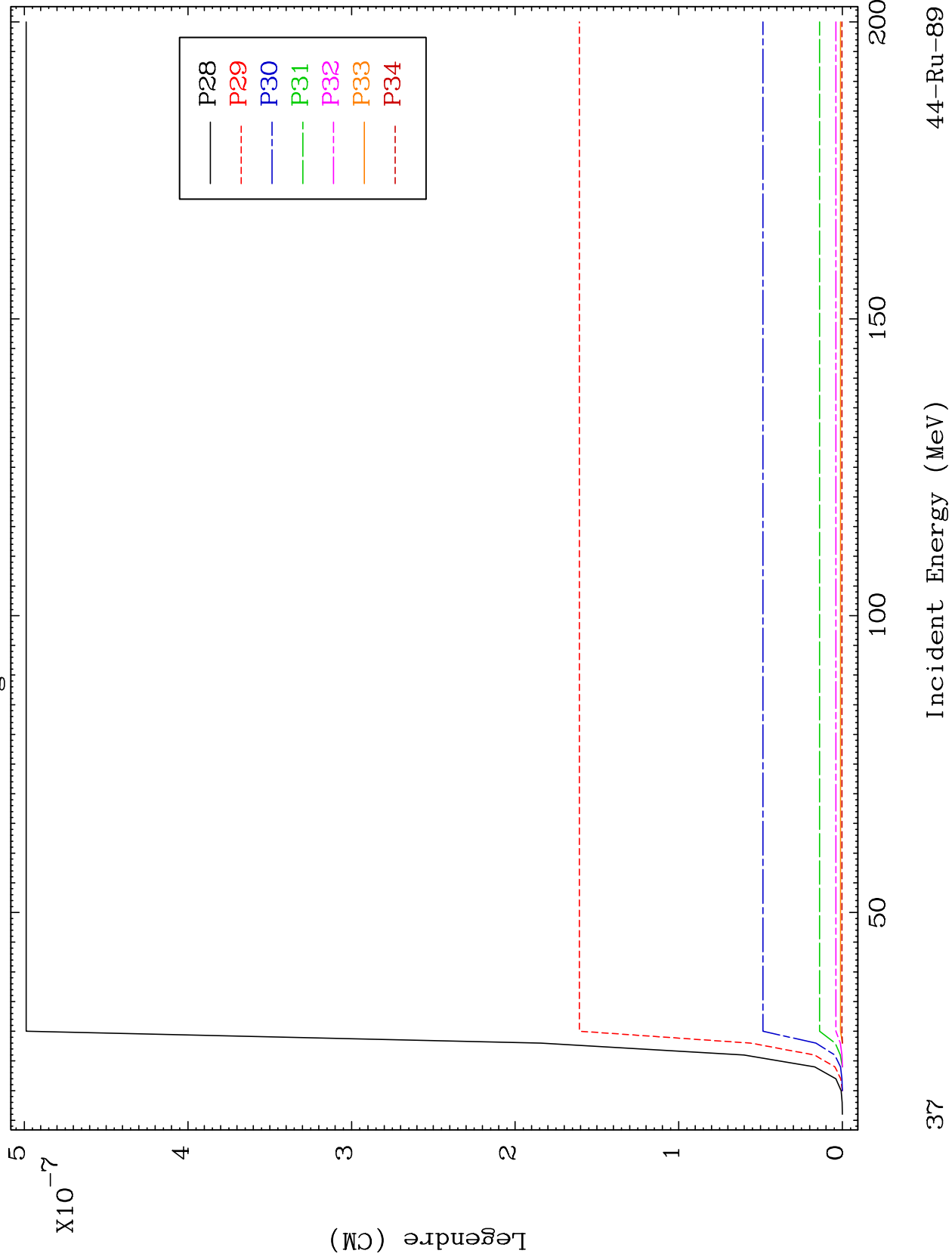
44-Ru-89



MAT 4404

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

44-Ru-89

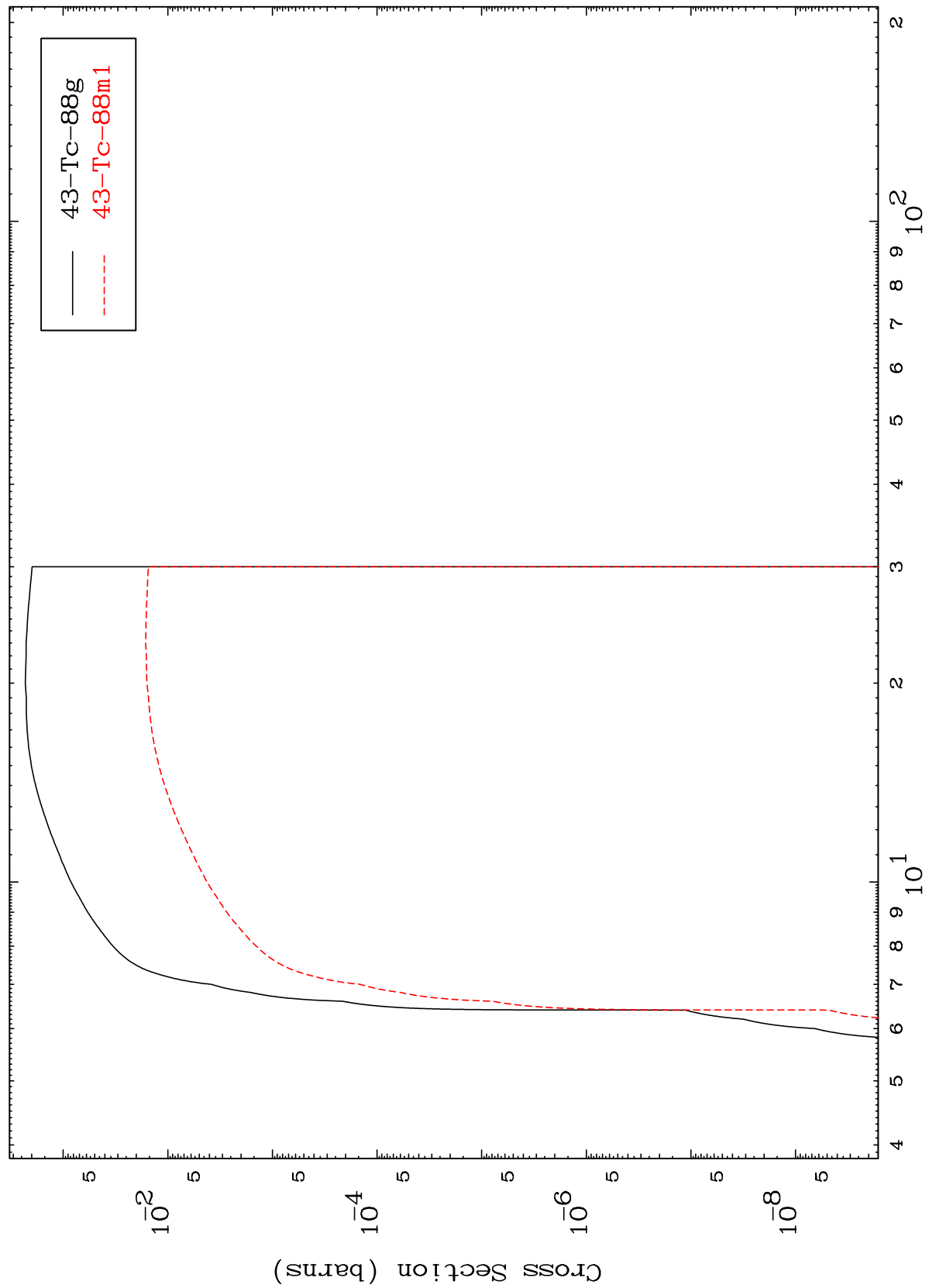


MAT 4404

(n,n') p

44-Ru-89

Radionuclide Production Cross Section



38

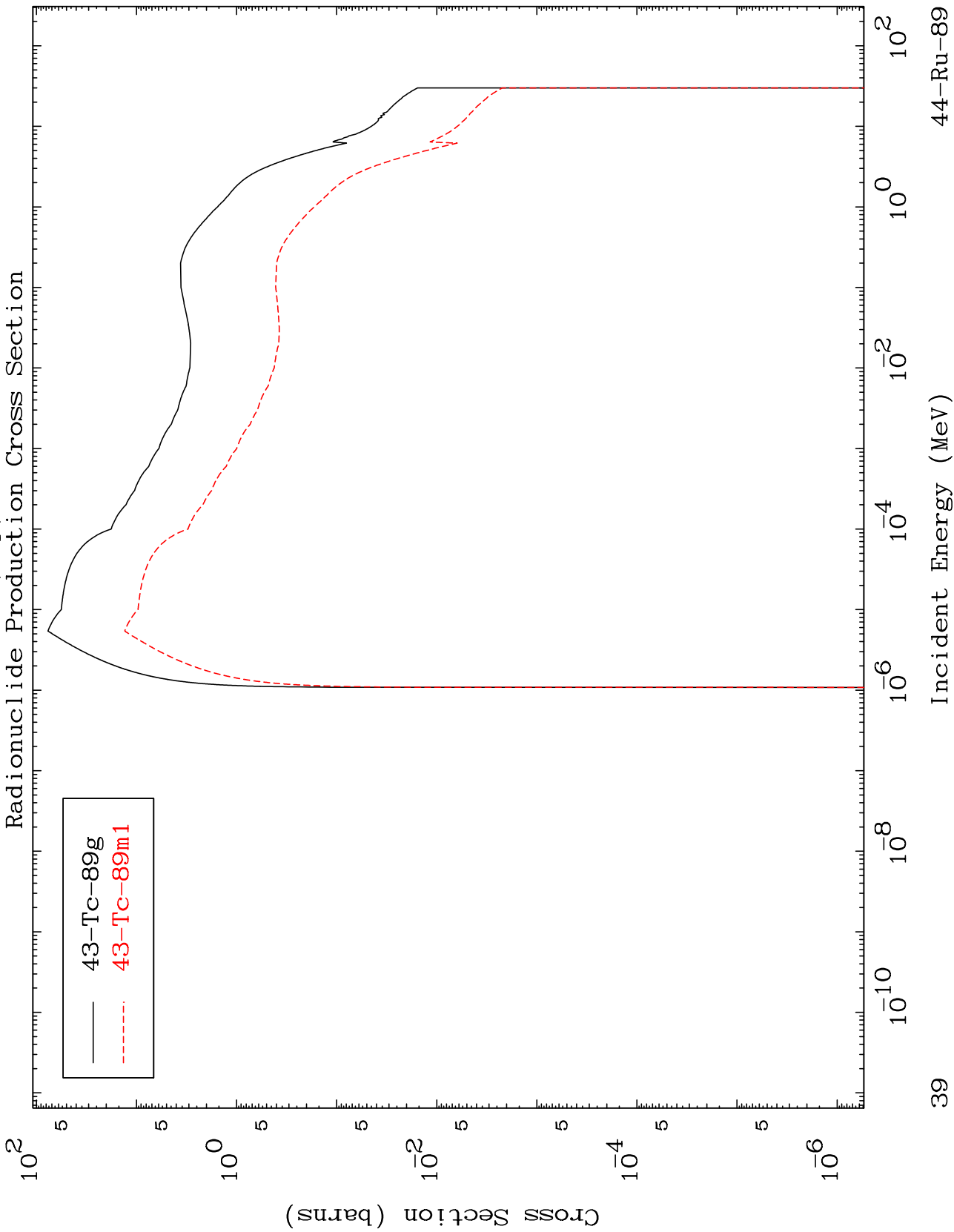
Incident Energy (MeV)

44-Ru-89

MAT 4404

44-Ru-89

(n,p)
Radionuclide Production Cross Section



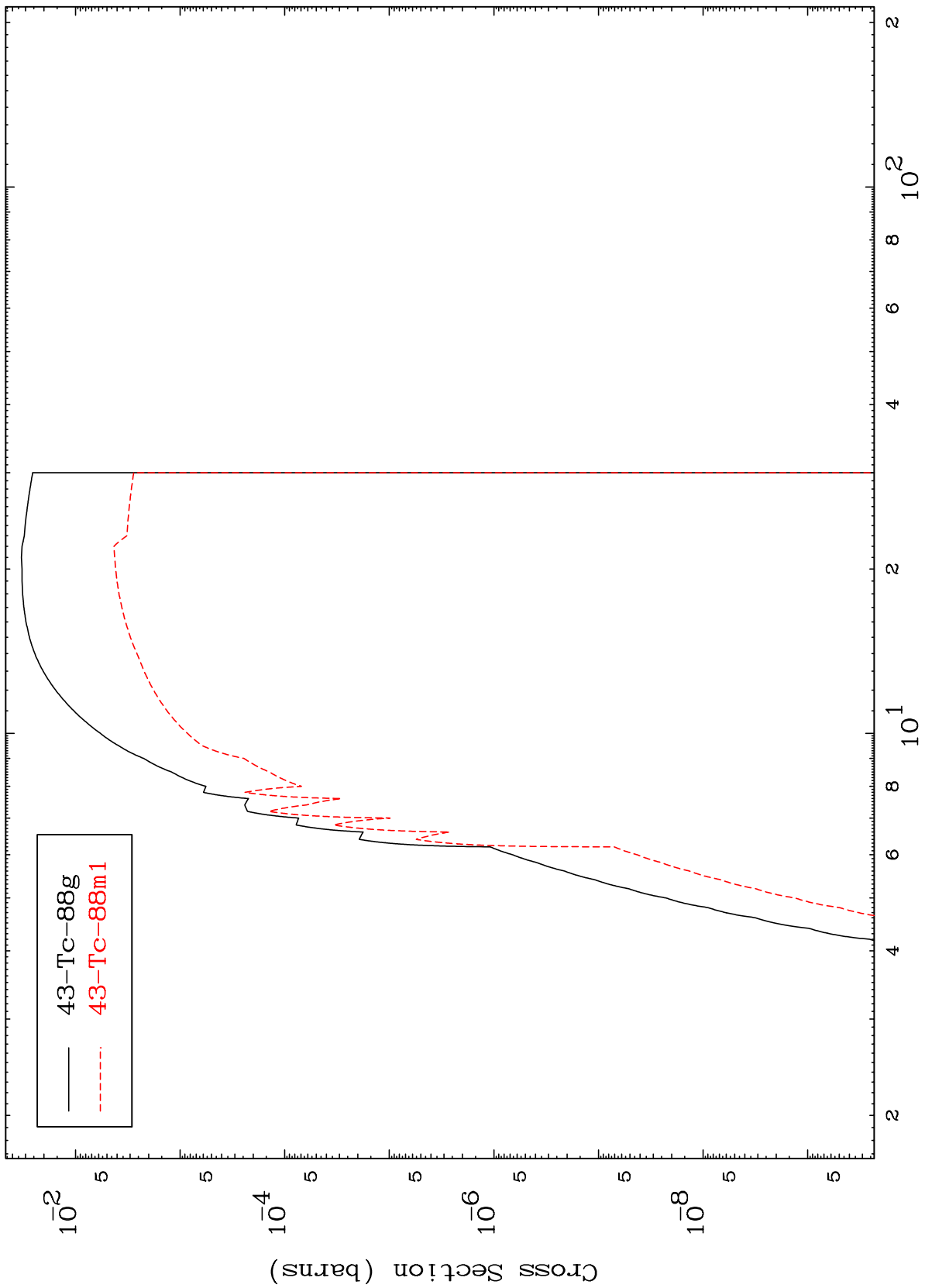
39

44-Ru-89

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44-Ru-89

(n,d)
Radionuclide Production Cross Section



44-Ru-89

Incident Energy (MeV)

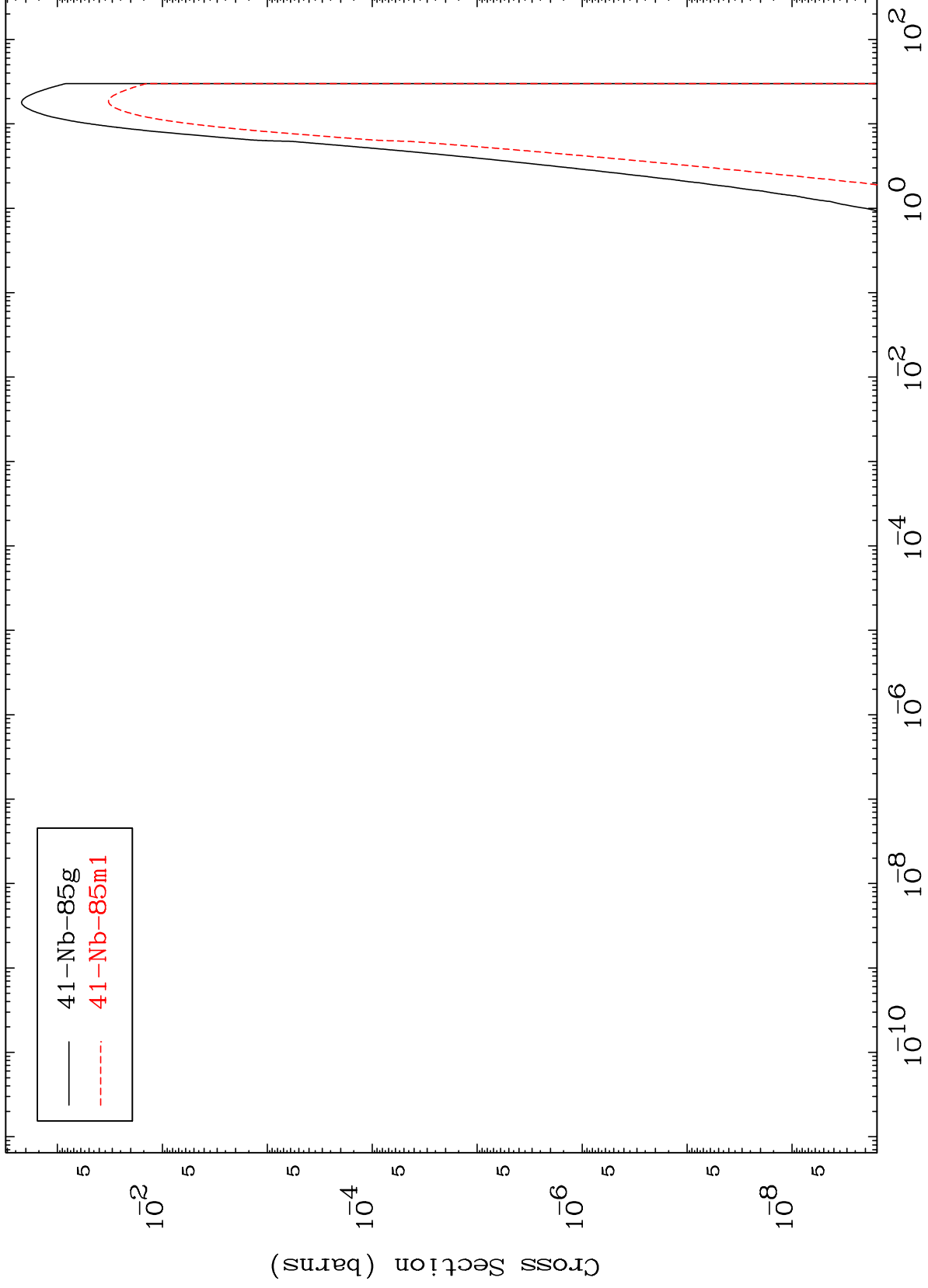
40

MAT 4404

(n,p) α

44-Ru-89

Radionuclide Production Cross Section



— 41-Nb-85g
- - - 41-Nb-85m1

41

Incident Energy (MeV)

44-Ru-89