

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

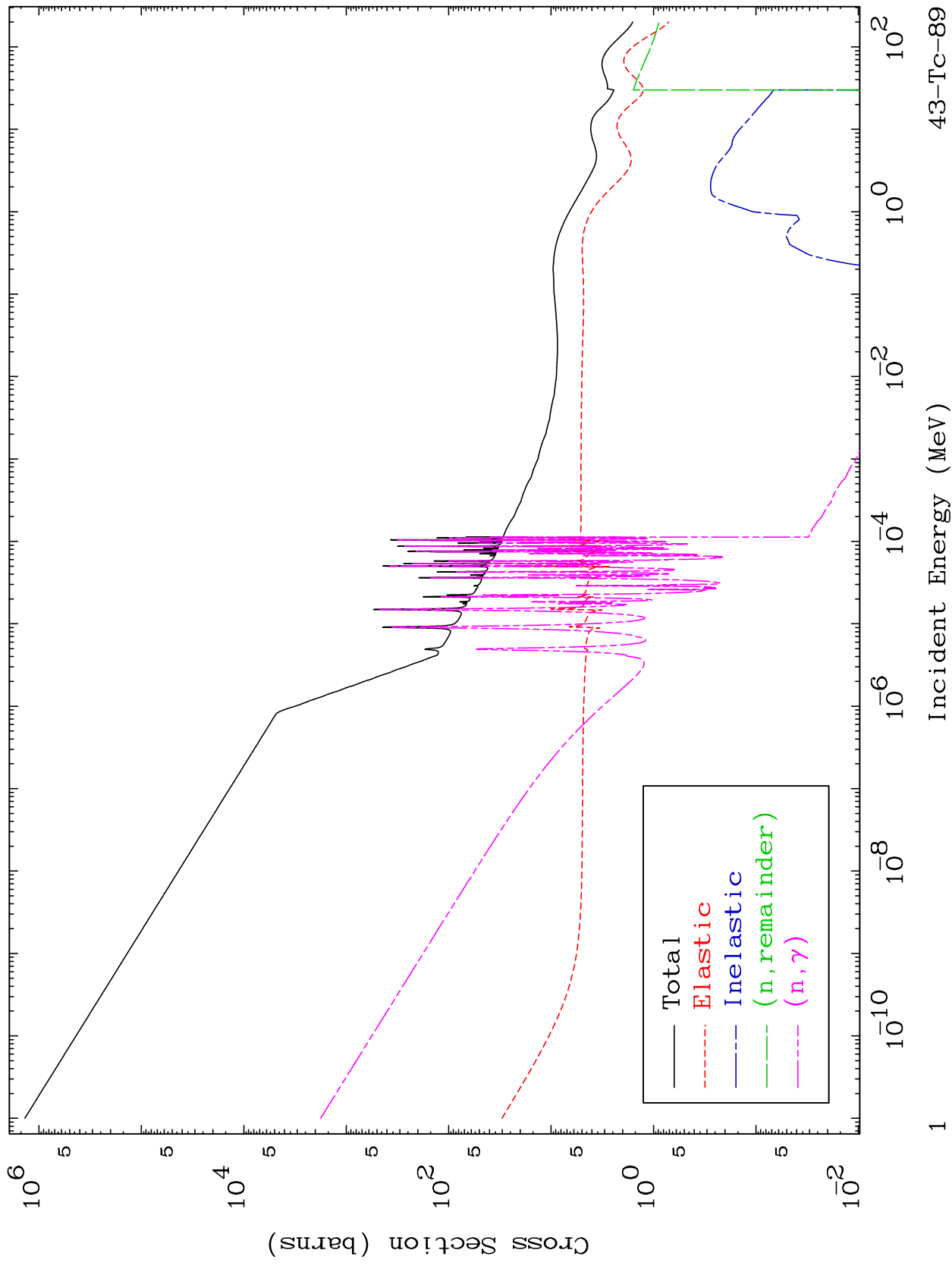
Press Mouse Button to Start

MAT 4295

Major

293 Kelvin Cross Sections

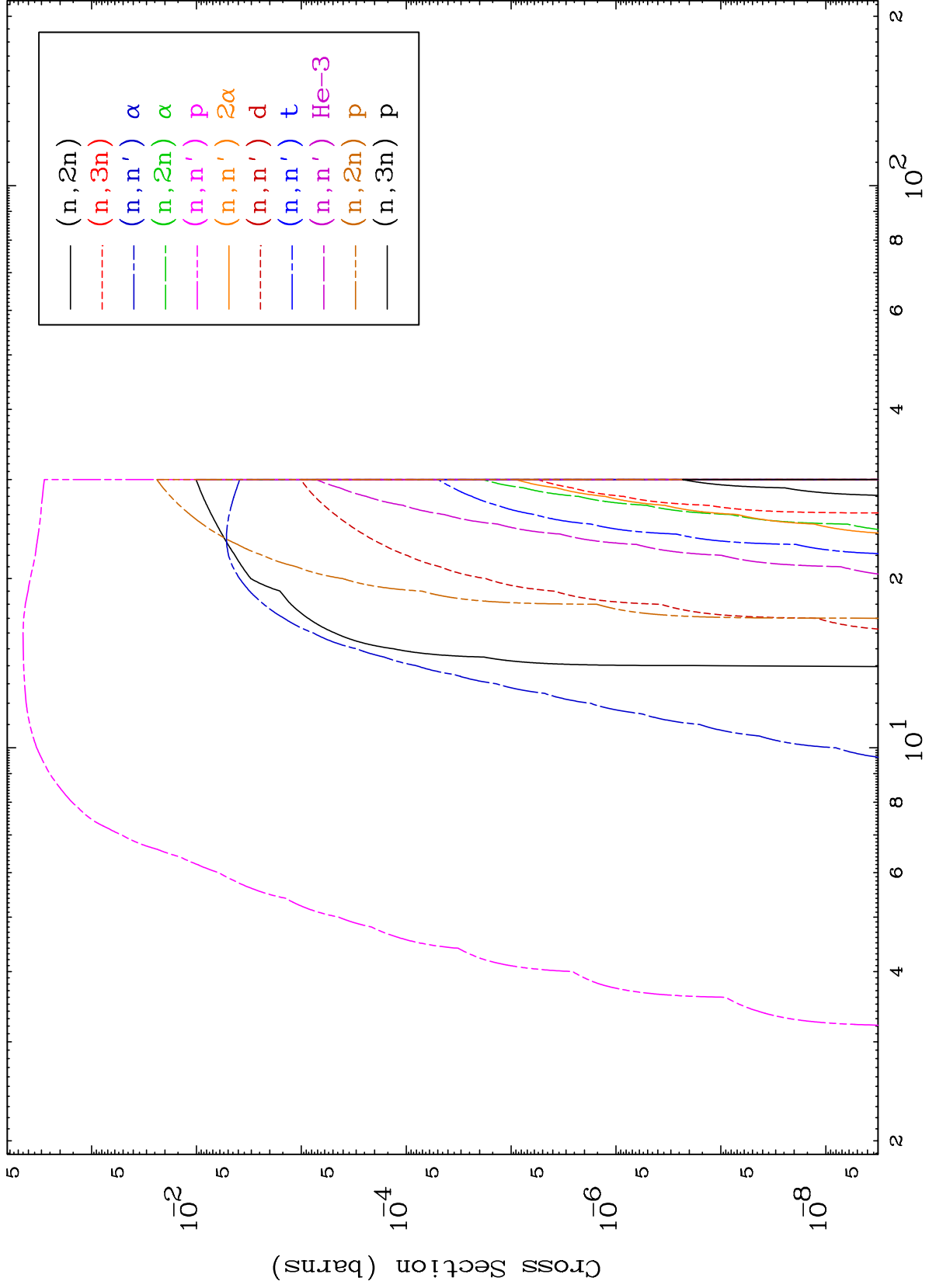
43-Tc-89



MAT 4295

Neutron Production  
293 Kelvin Cross Sections

43-Tc-89



2

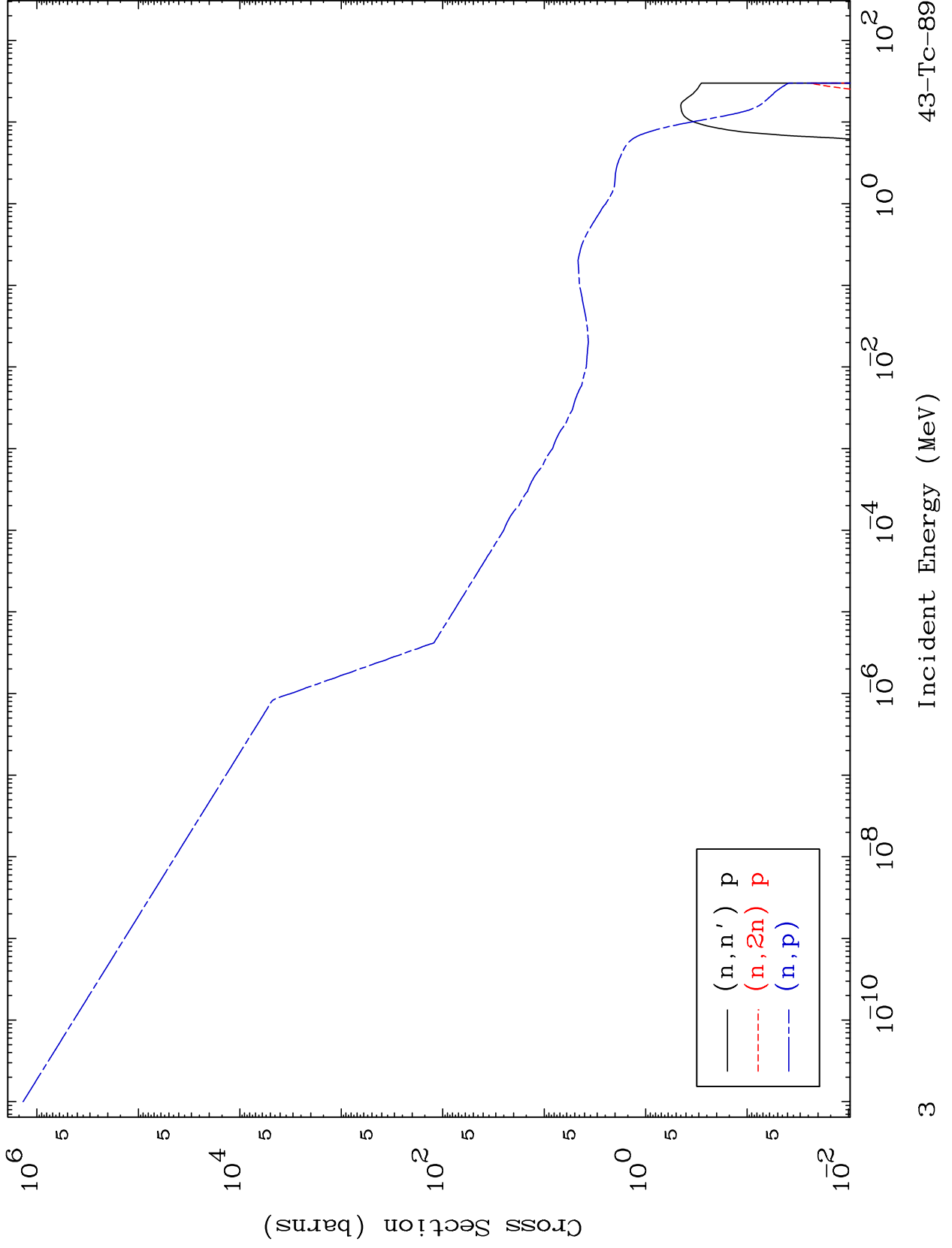
Incident Energy (MeV)

43-Tc-89

MAT 4295

Charged Particle  
293 Kelvin Cross Sections

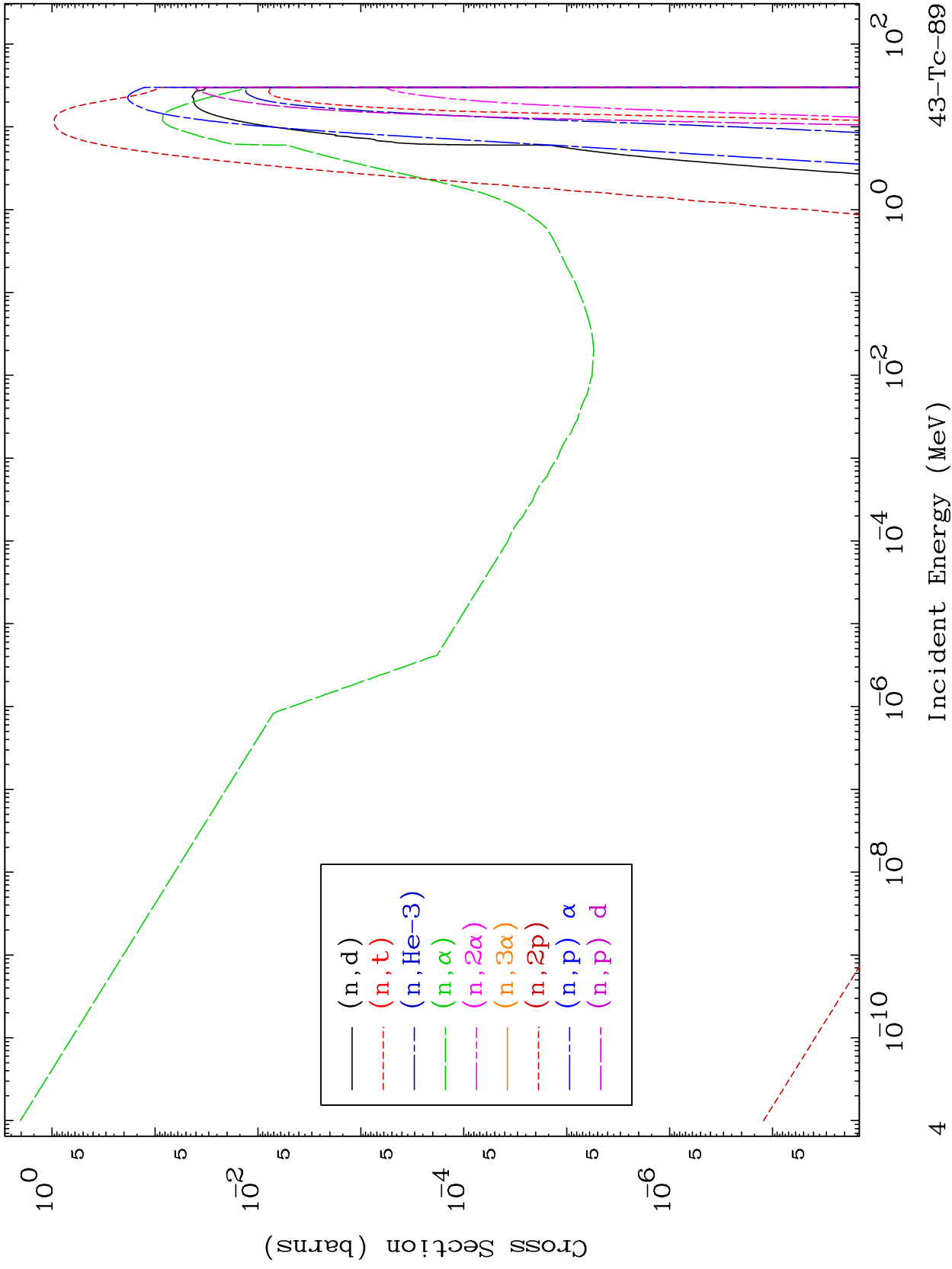
43-Tc-89



MAT 4295

Charged Particle  
293 Kelvin Cross Sections

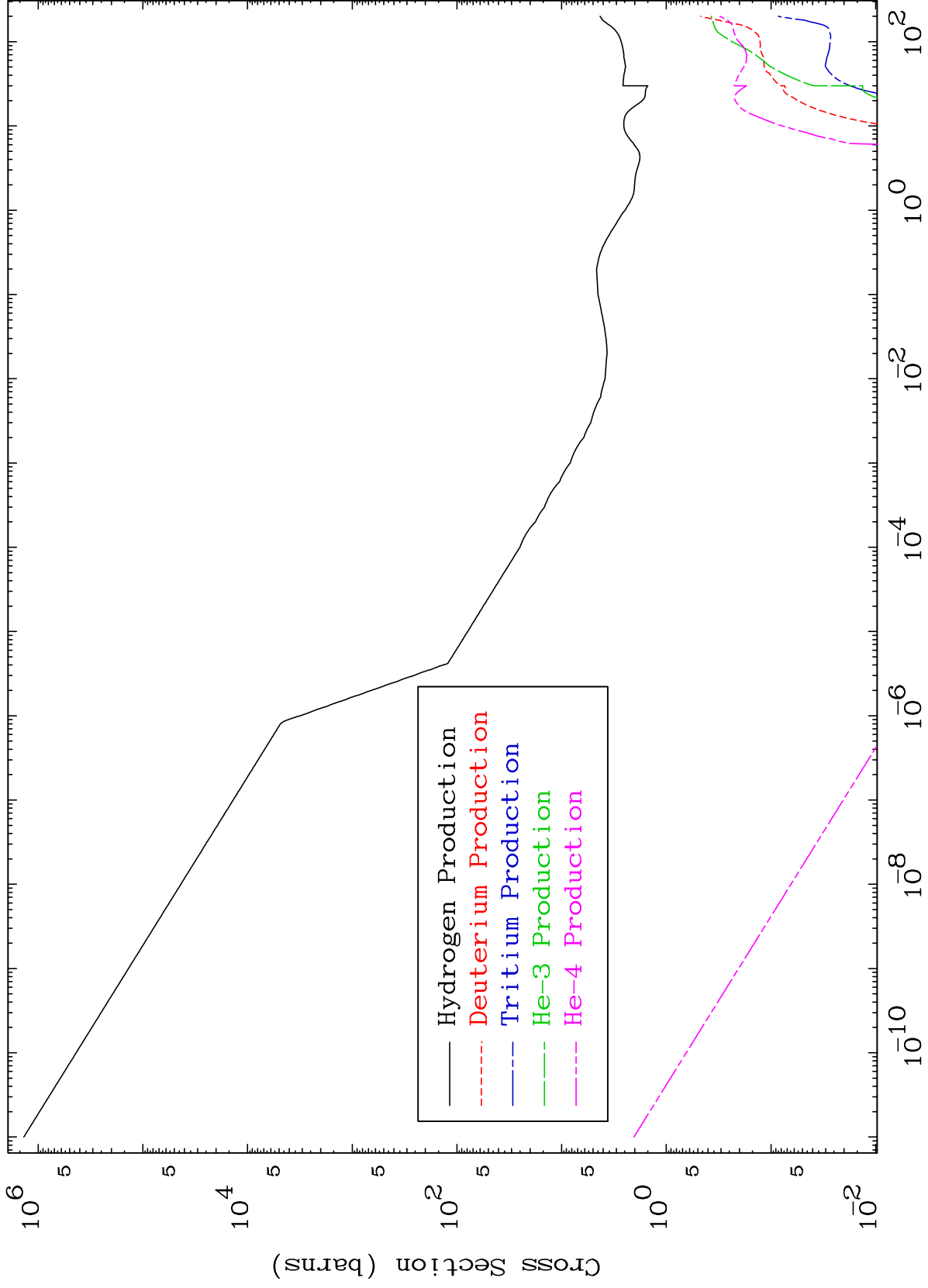
43-Tc-89



MAT 4295

Particle Production  
293 Kelvin Cross Sections

43-Tc-89



5

Incident Energy (MeV)

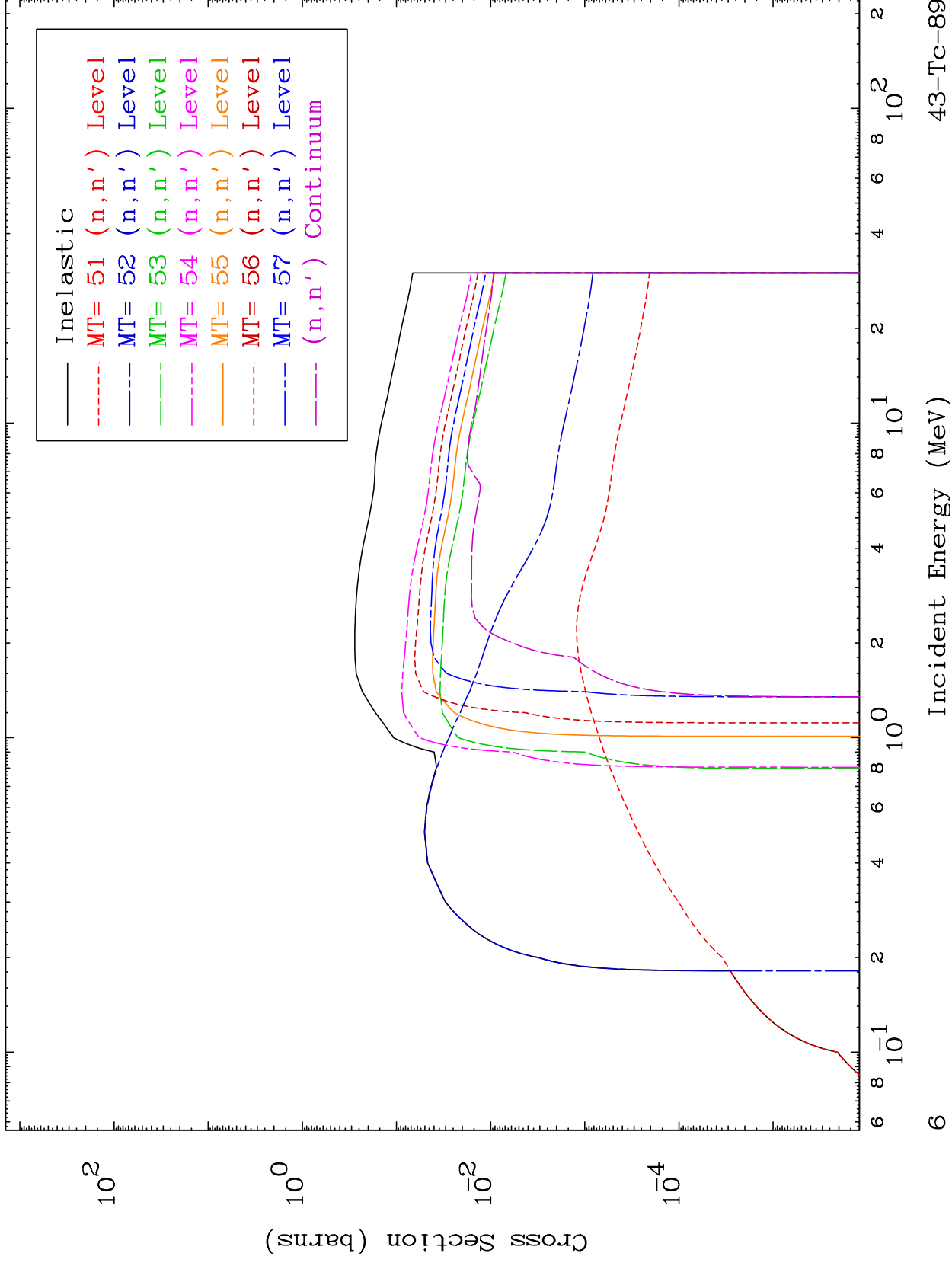
43-Tc-89

MAT 4295

(n,n') Level

43-Tc-89

293 Kelvin Cross Sections



6

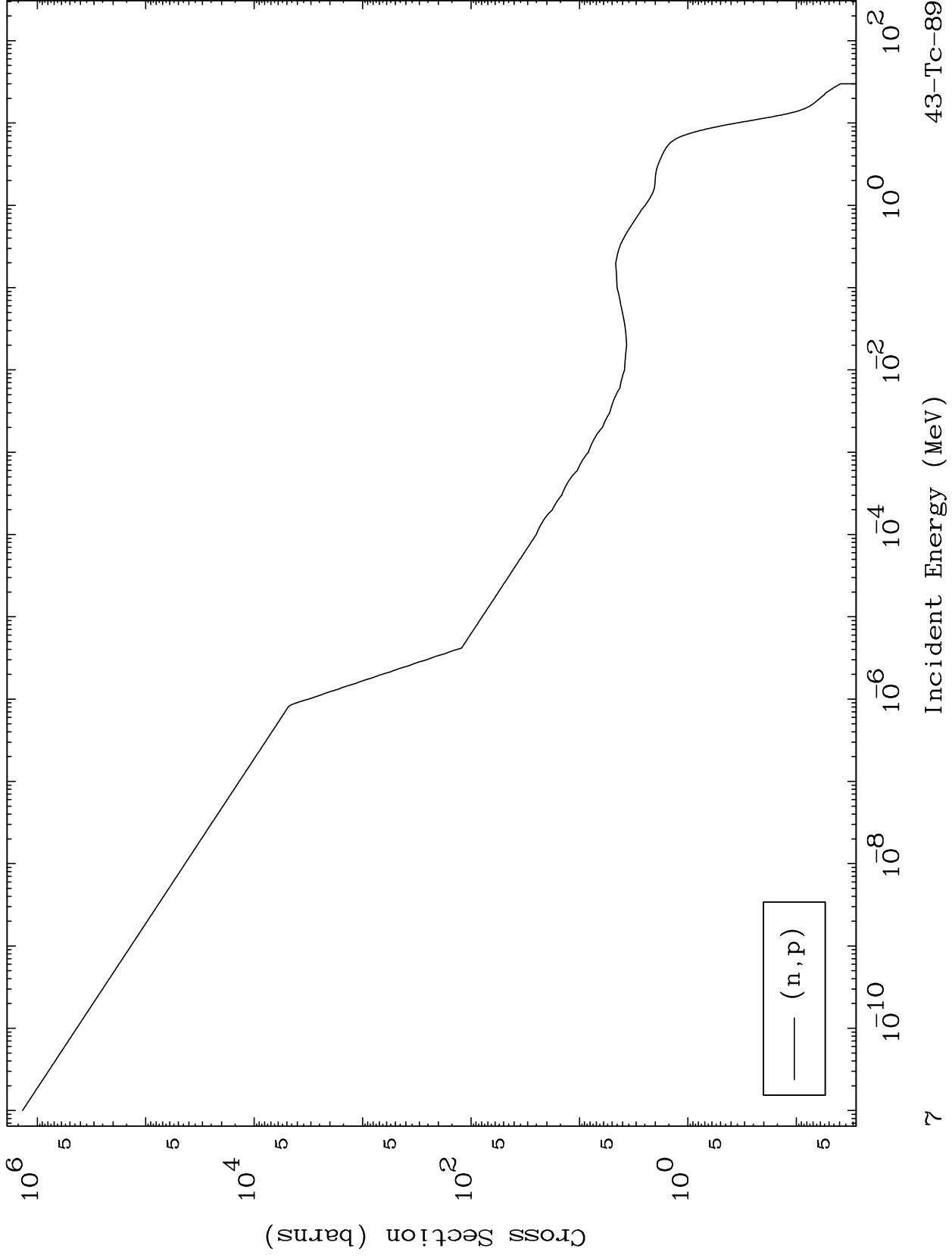
Incident Energy (MeV)

43-Tc-89

MAT 4295

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-89

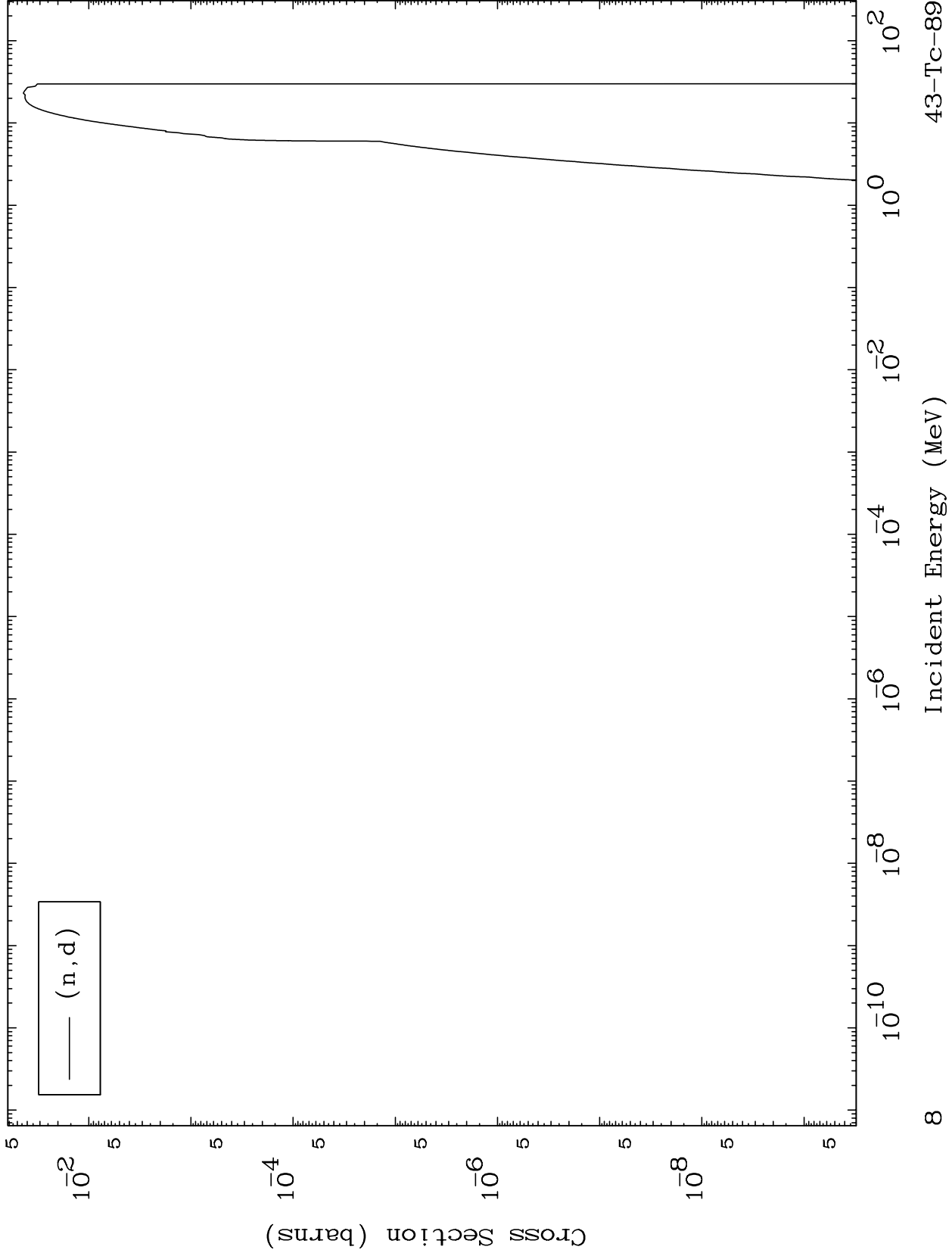




MAT 4295

(n,d) Levels  
293 Kelvin Cross Sections

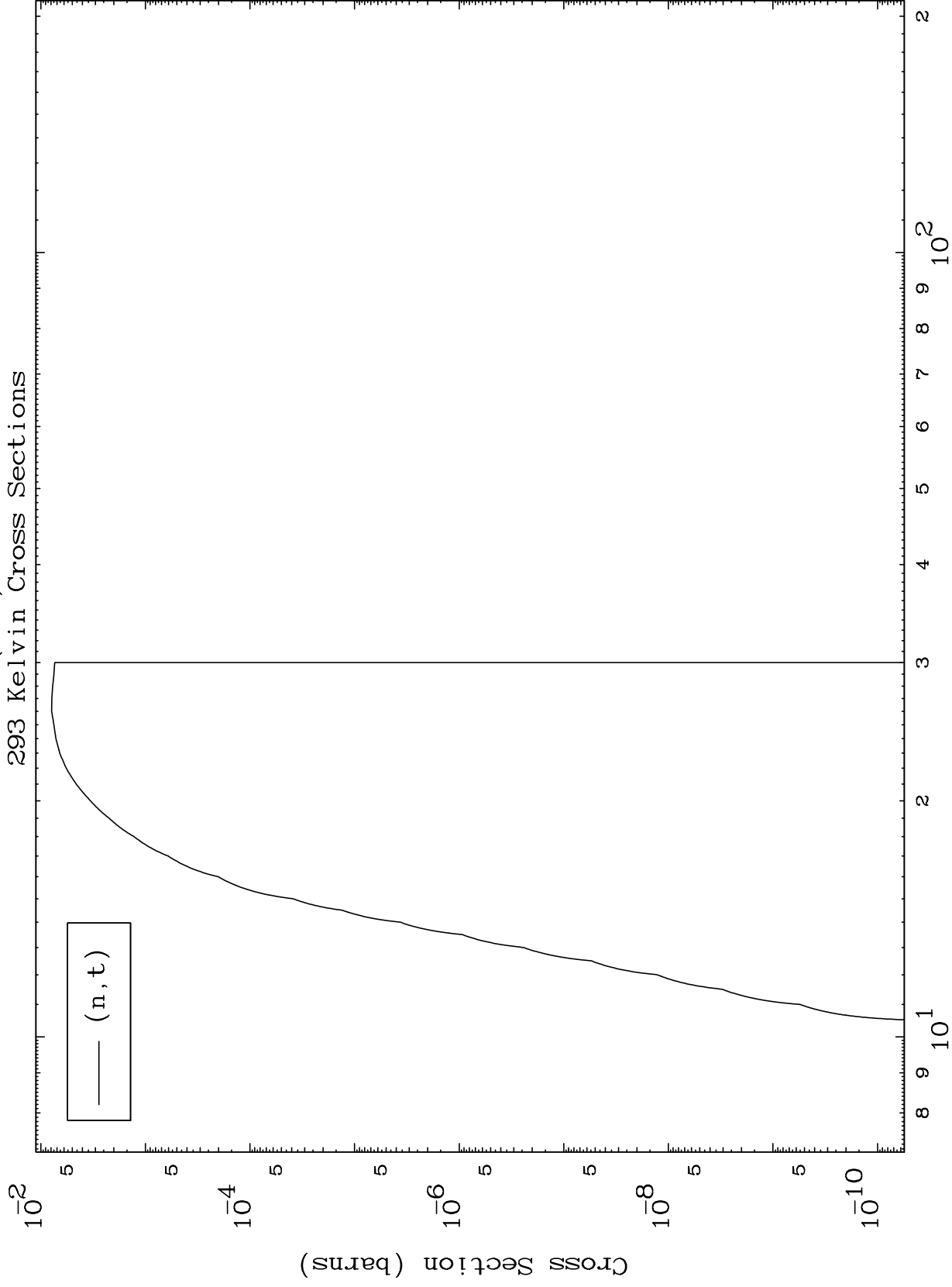
43-Tc-89



MAT 4295

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-89



9

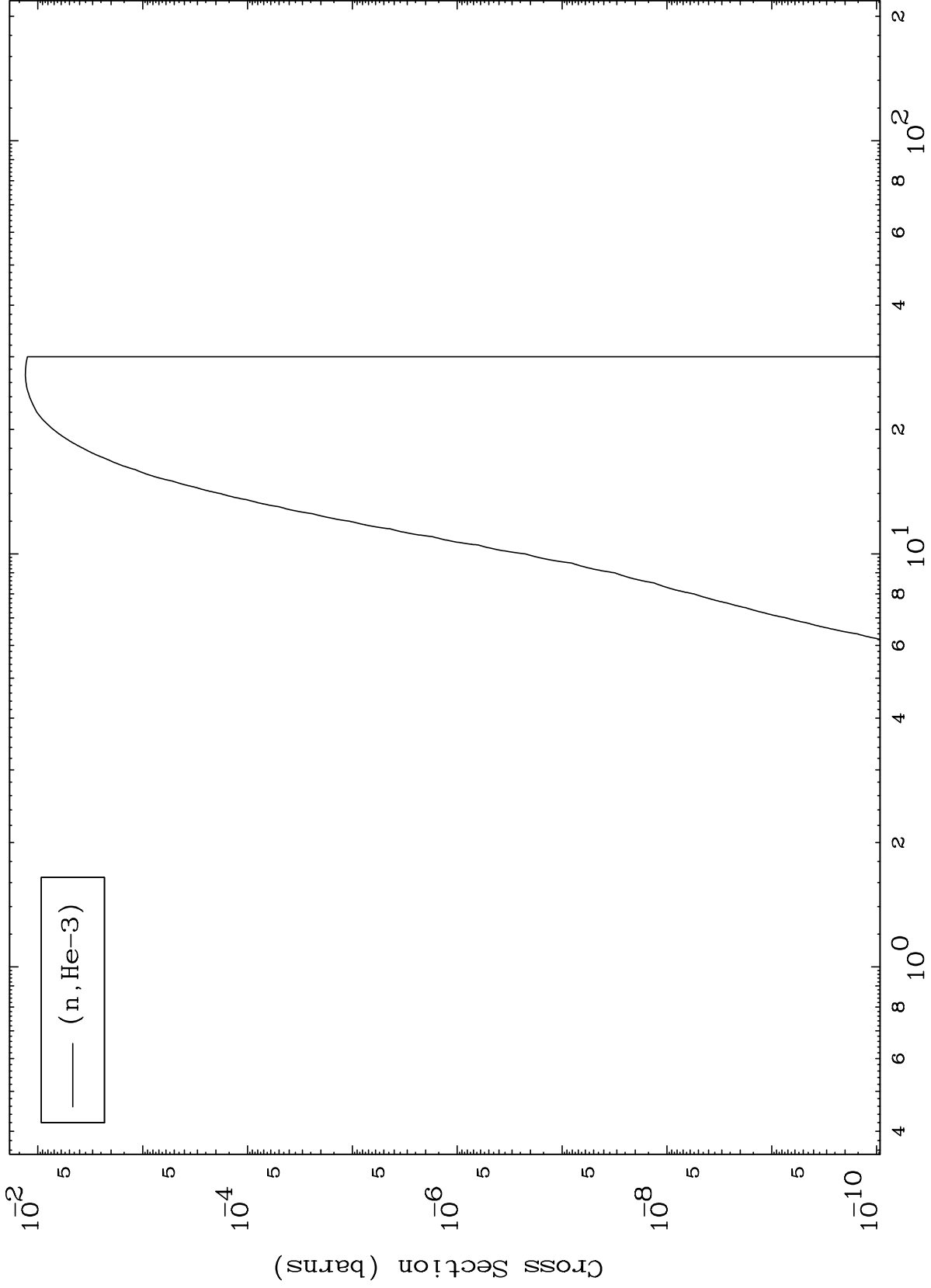
Incident Energy (MeV)

43-Tc-89

MAT 4295

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-89



10

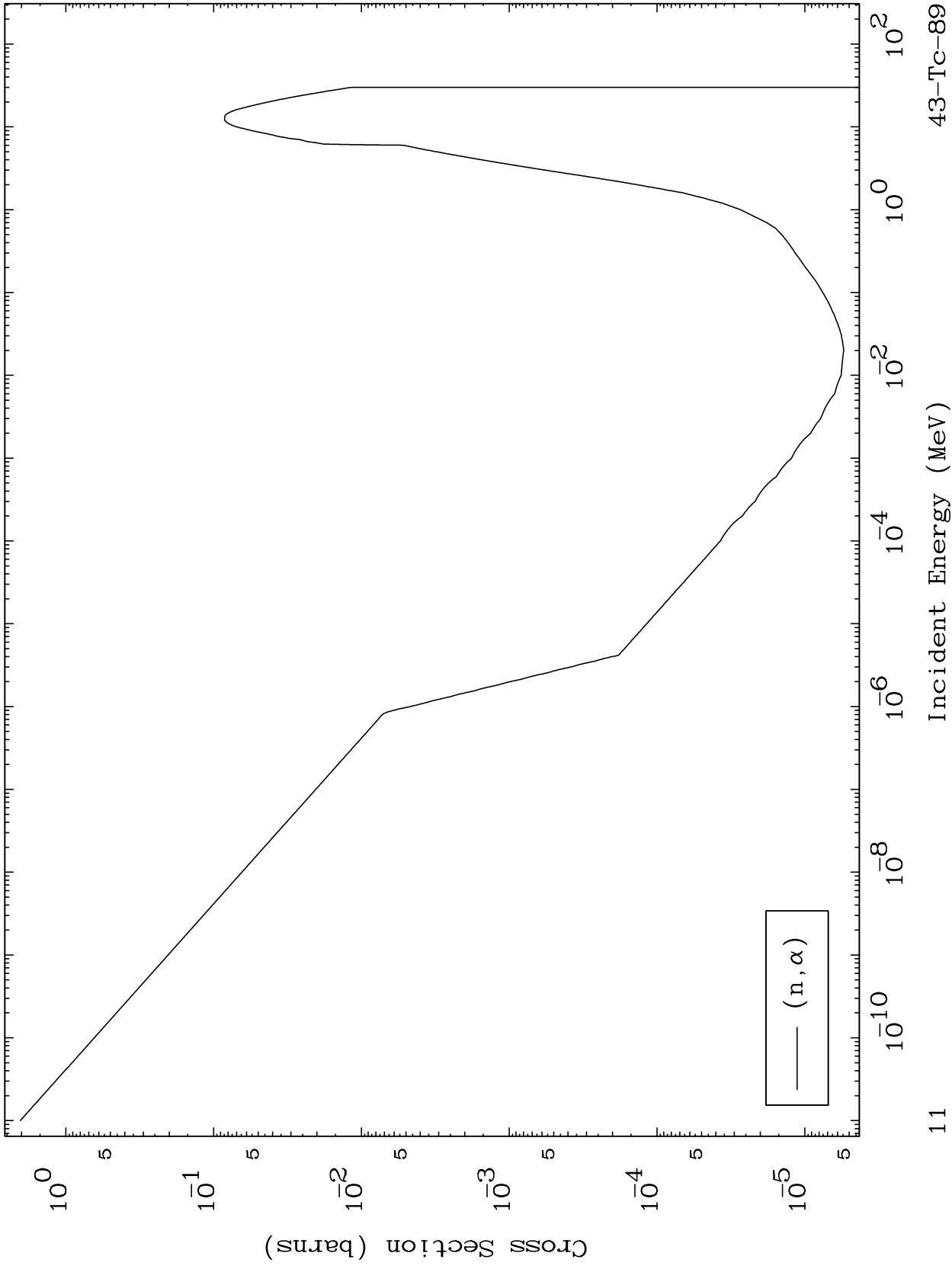
Incident Energy (MeV)

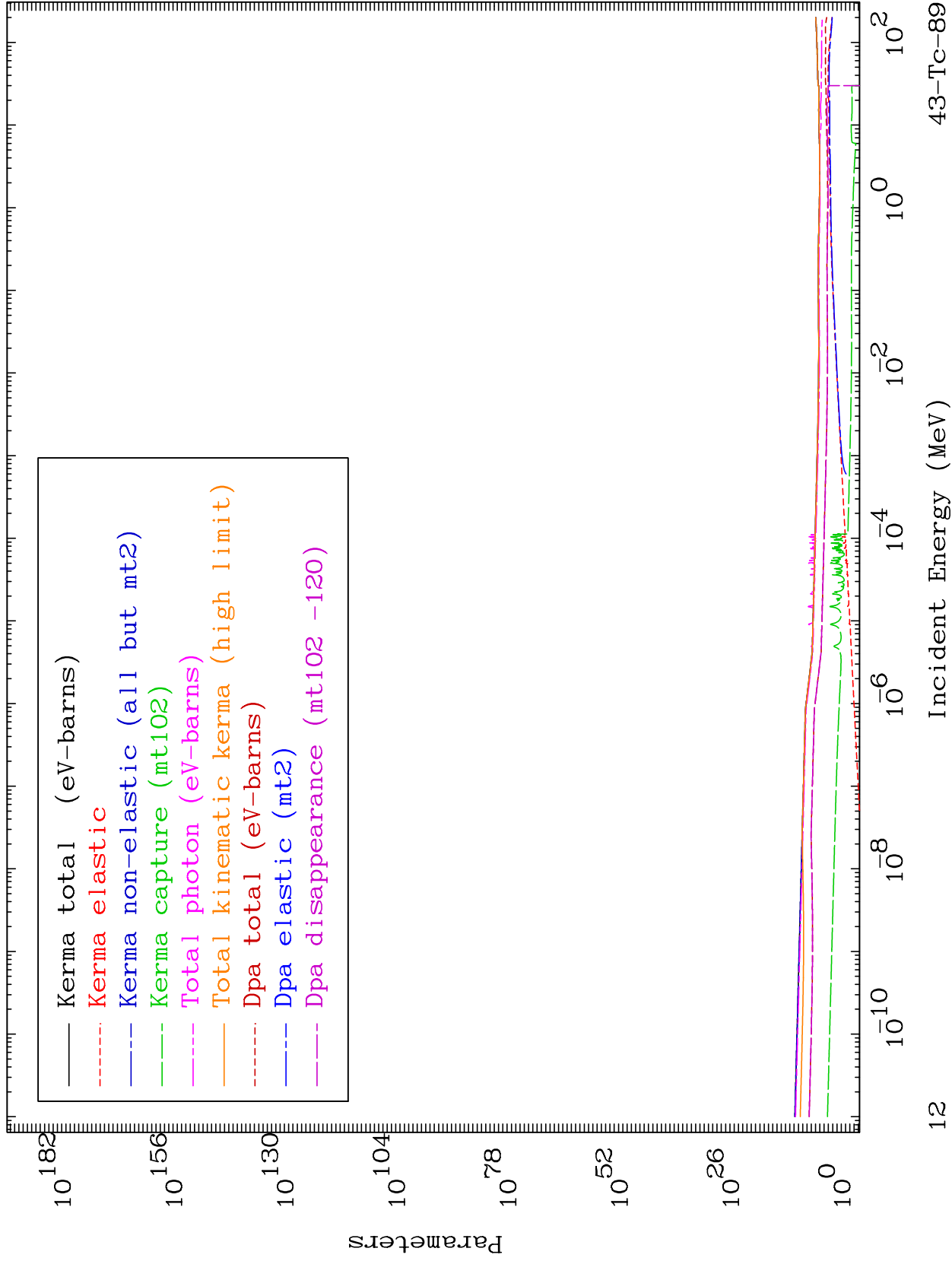
43-Tc-89

MAT 4295

(n,α) Levels  
293 Kelvin Cross Sections

43-Tc-89

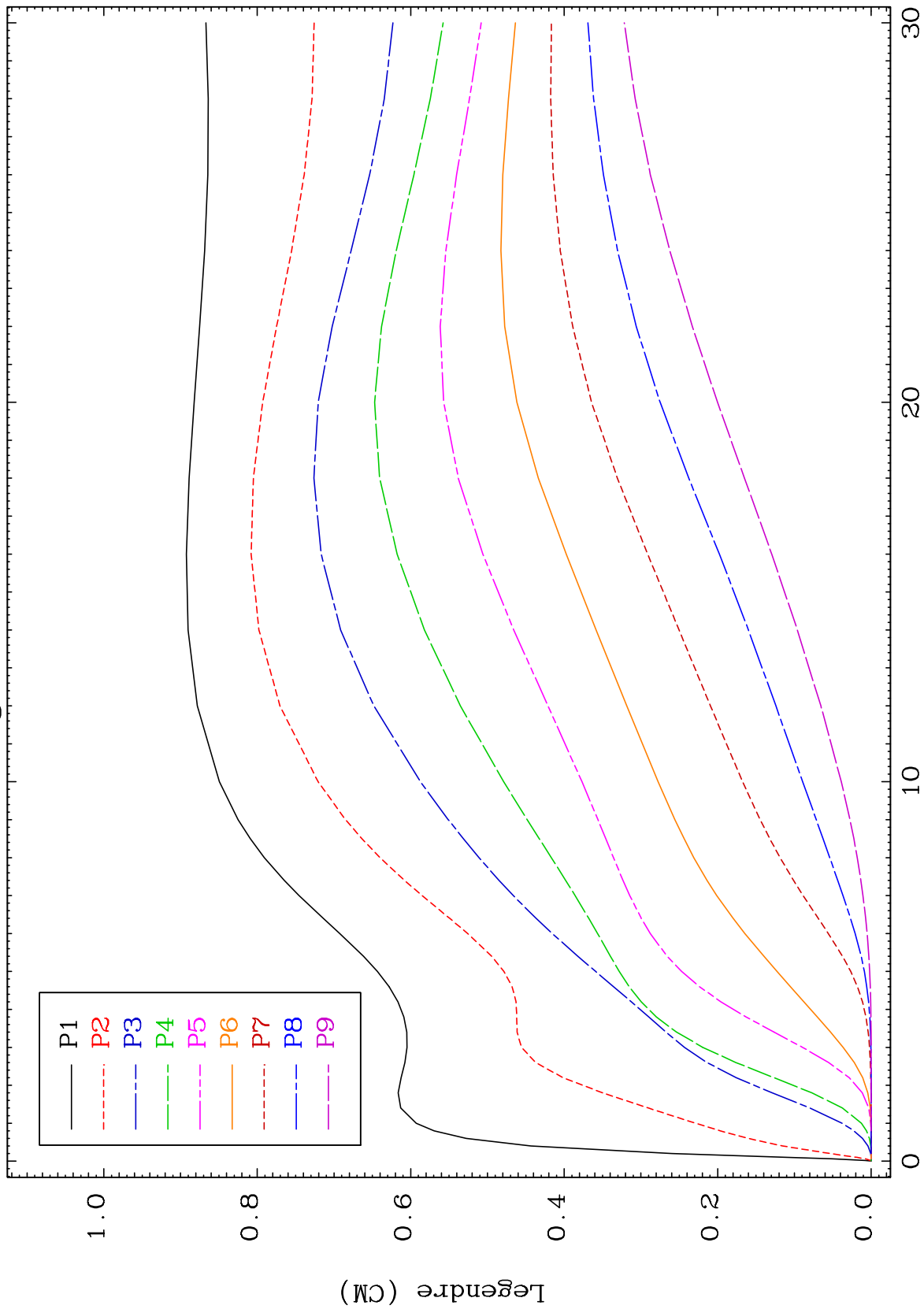




MAT 4295

Elastic Legendre Coefficients

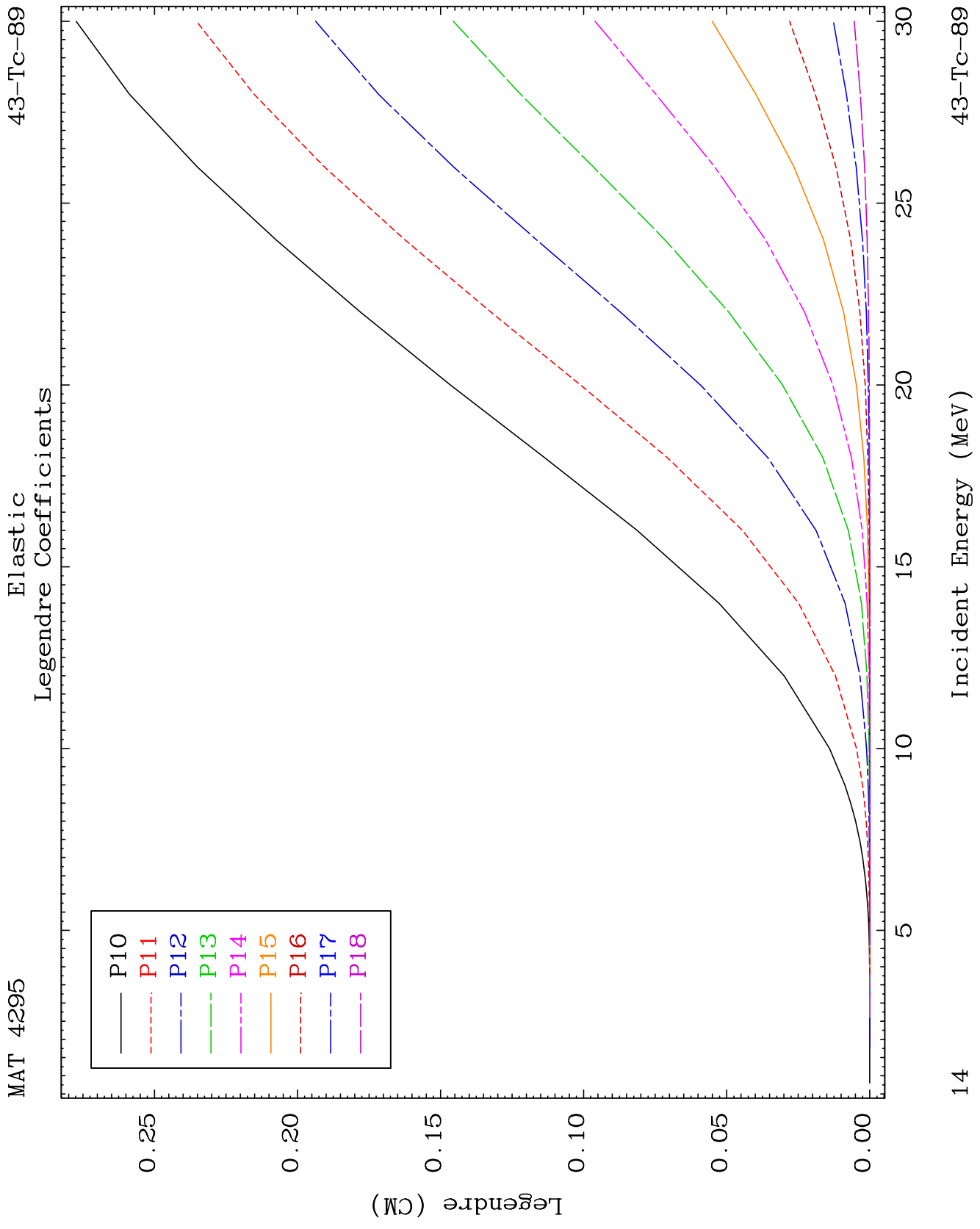
43-Tc-89



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Incident Energy (MeV)

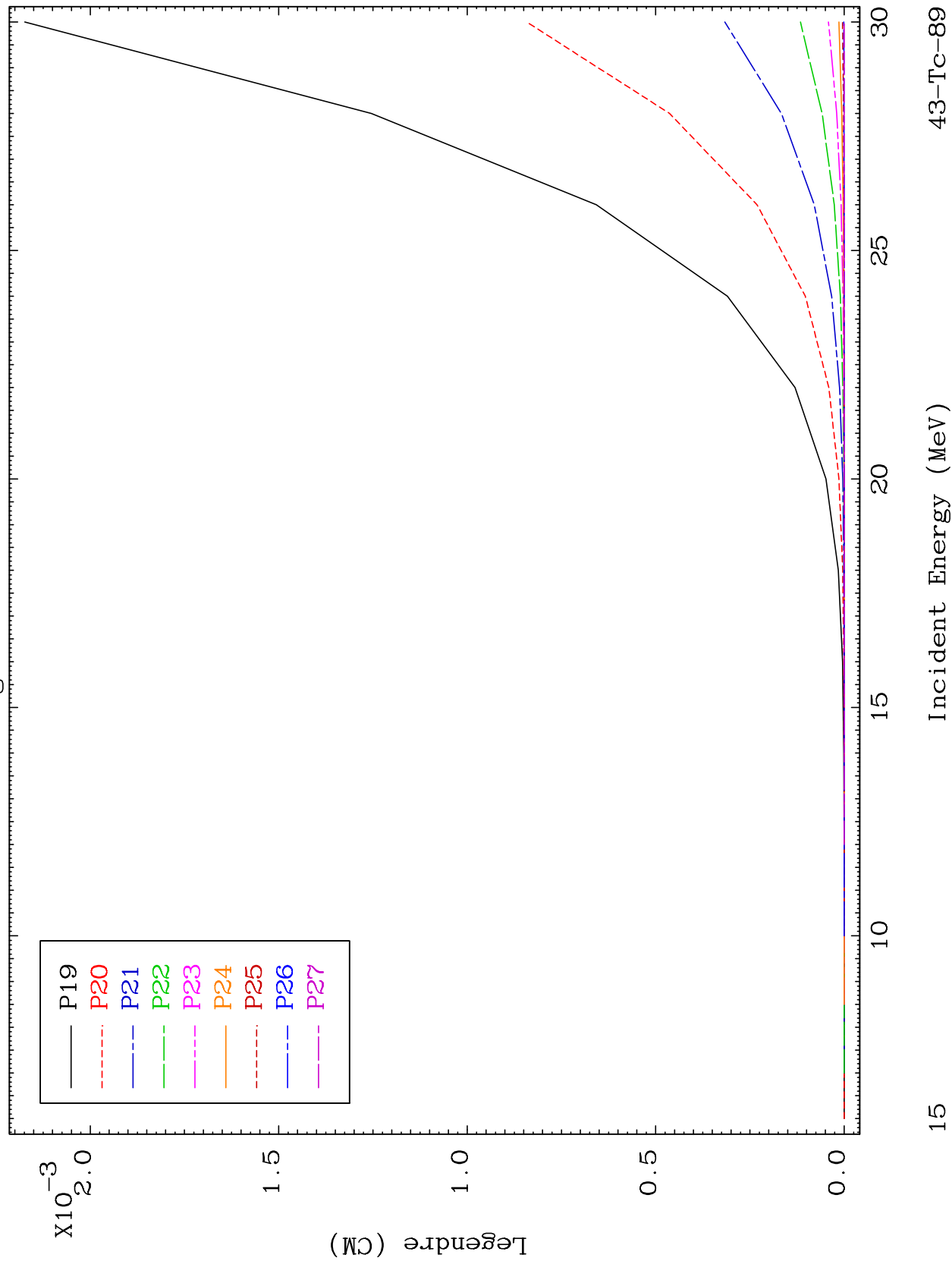
43-Tc-89



MAT 4295

### Elastic Legendre Coefficients

43-Tc-89

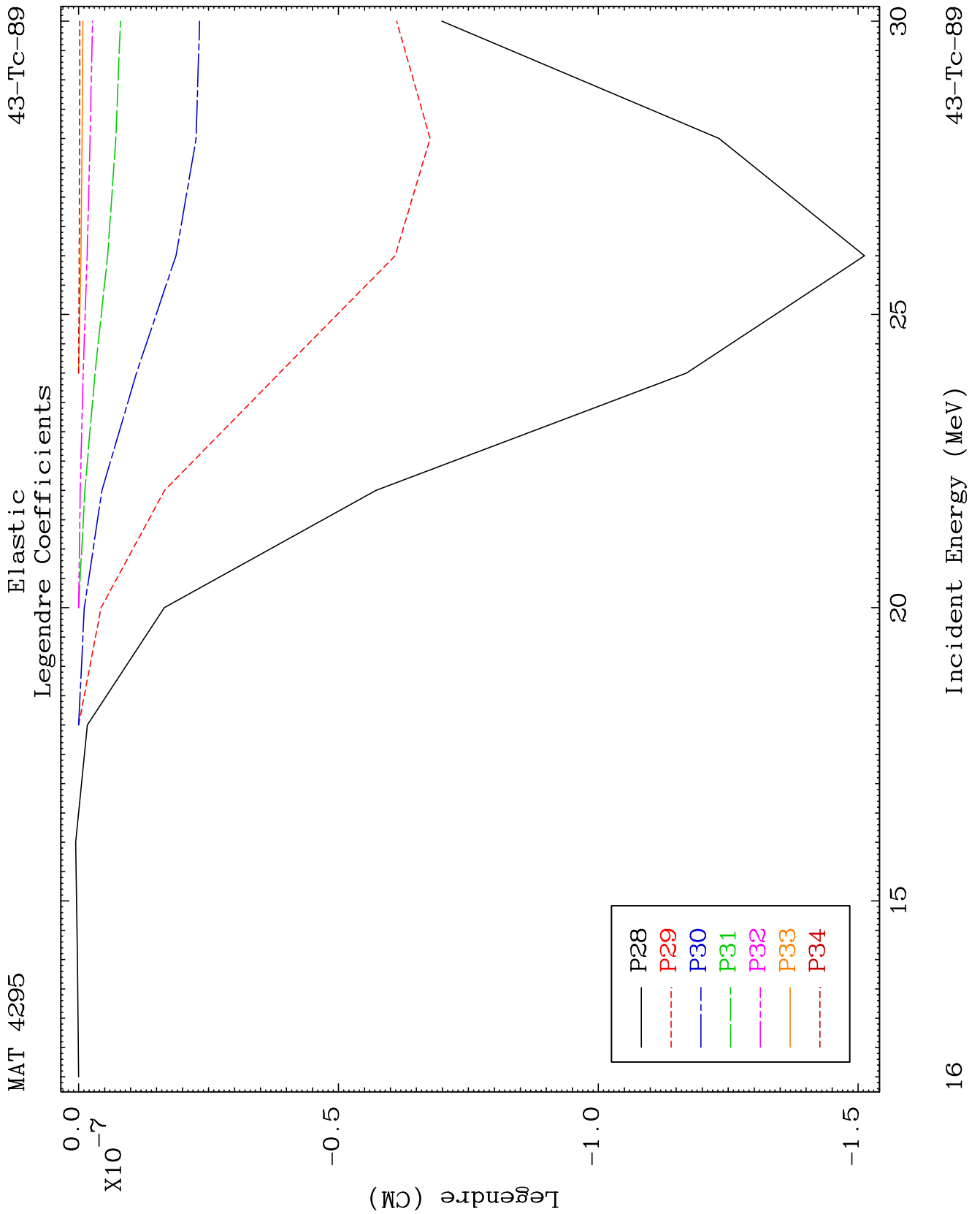


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Incident Energy (MeV)

43-Tc-89

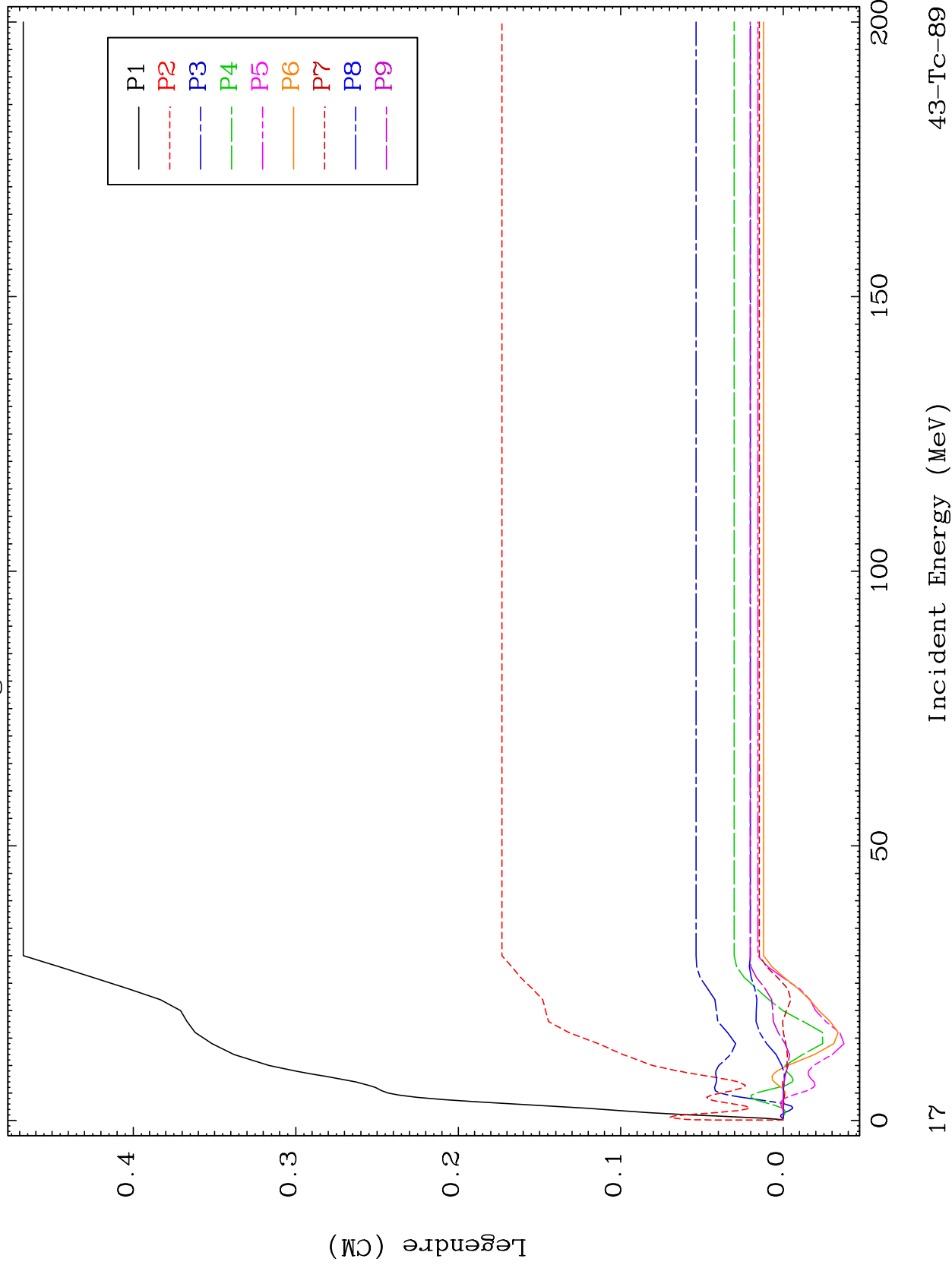




MAT 4295

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

43-Tc-89



17

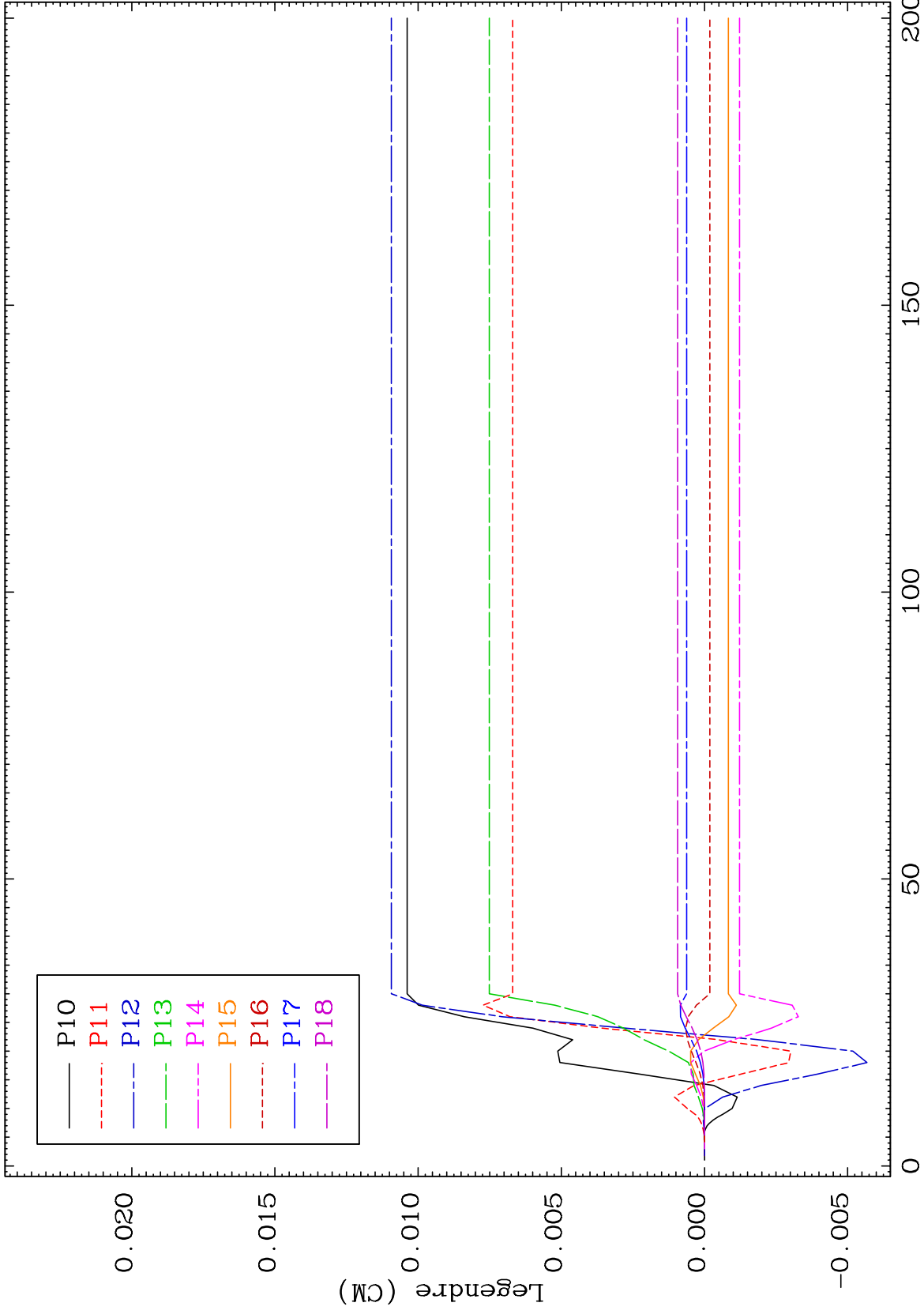
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



18

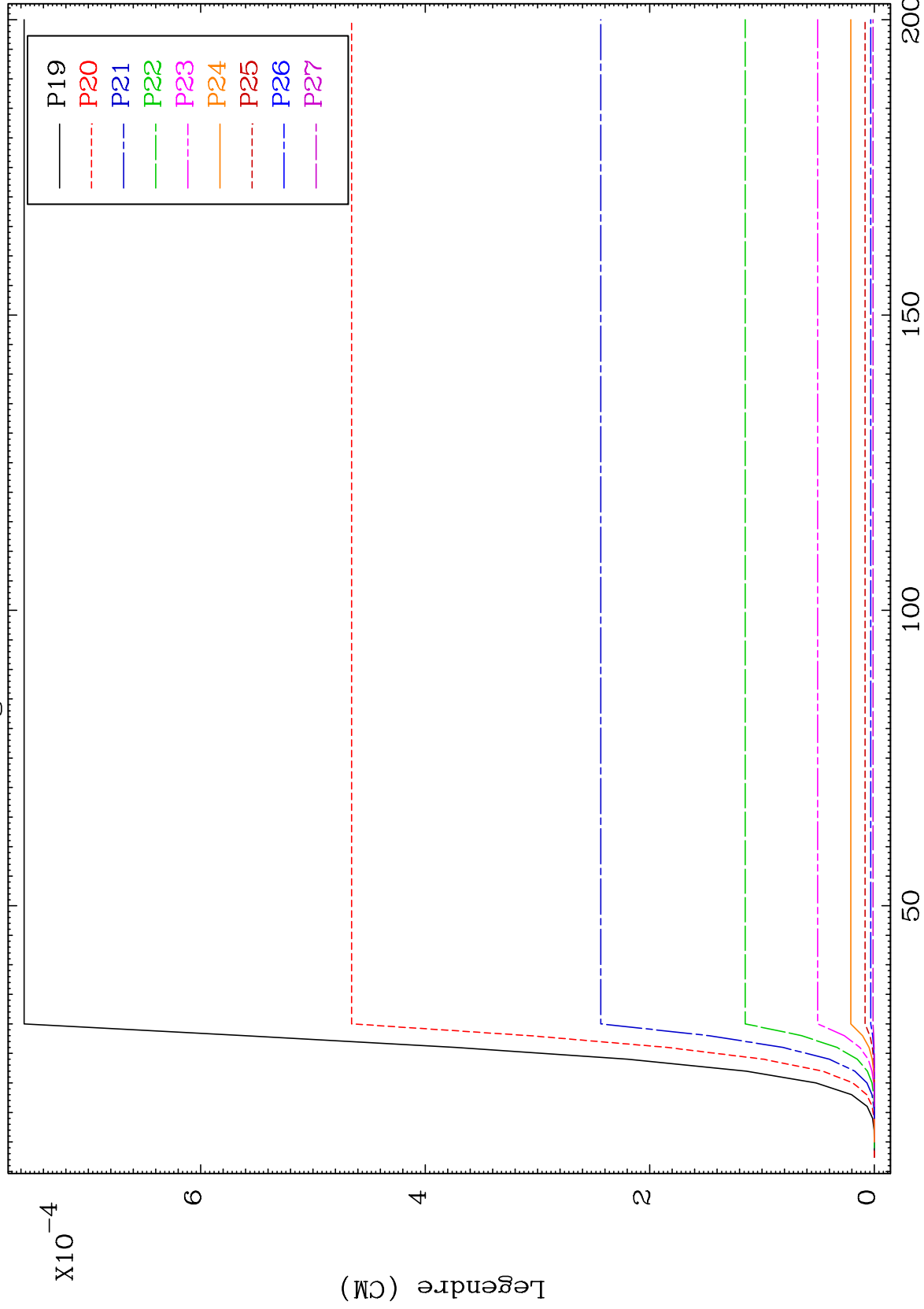
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



19

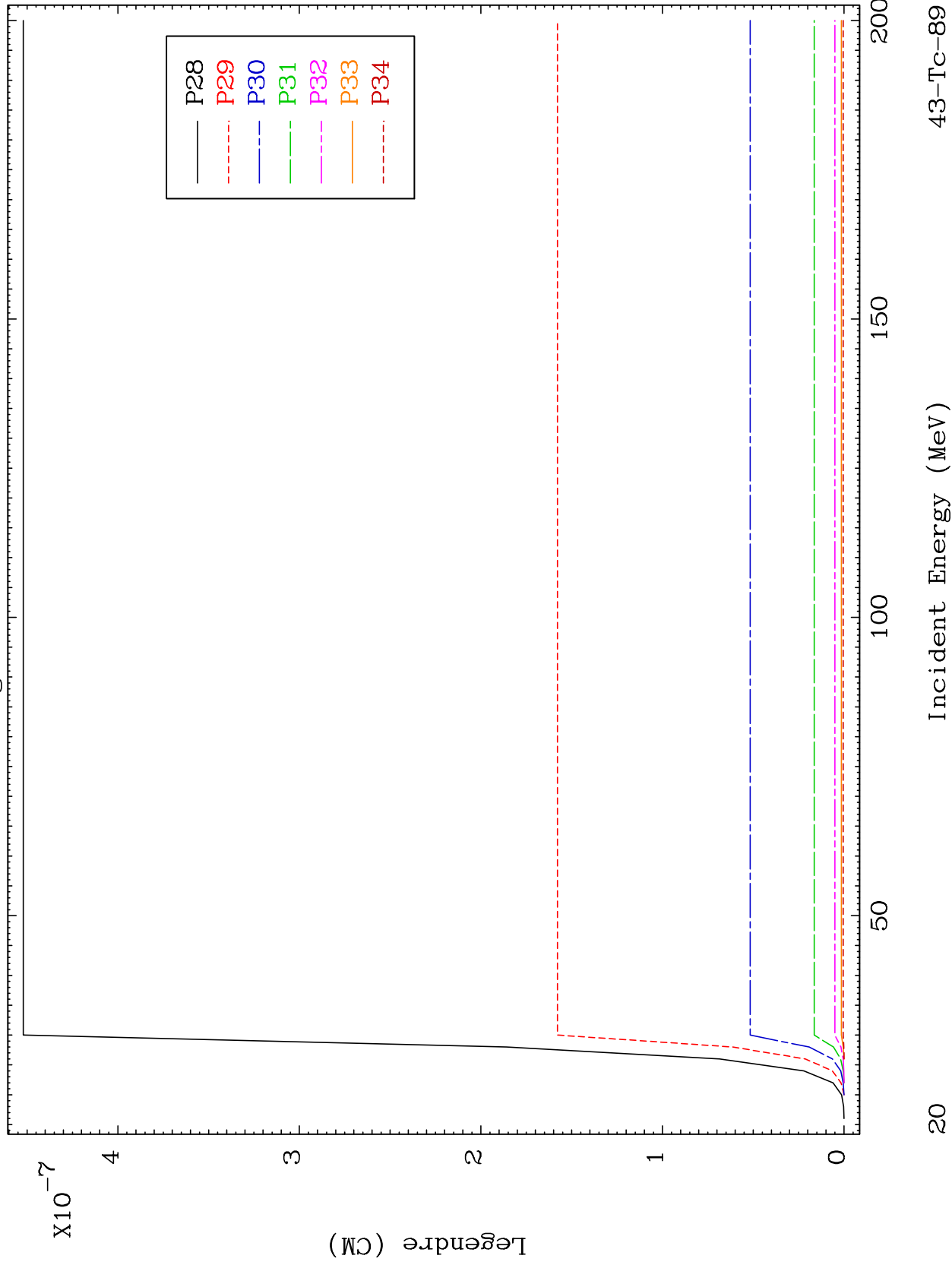
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

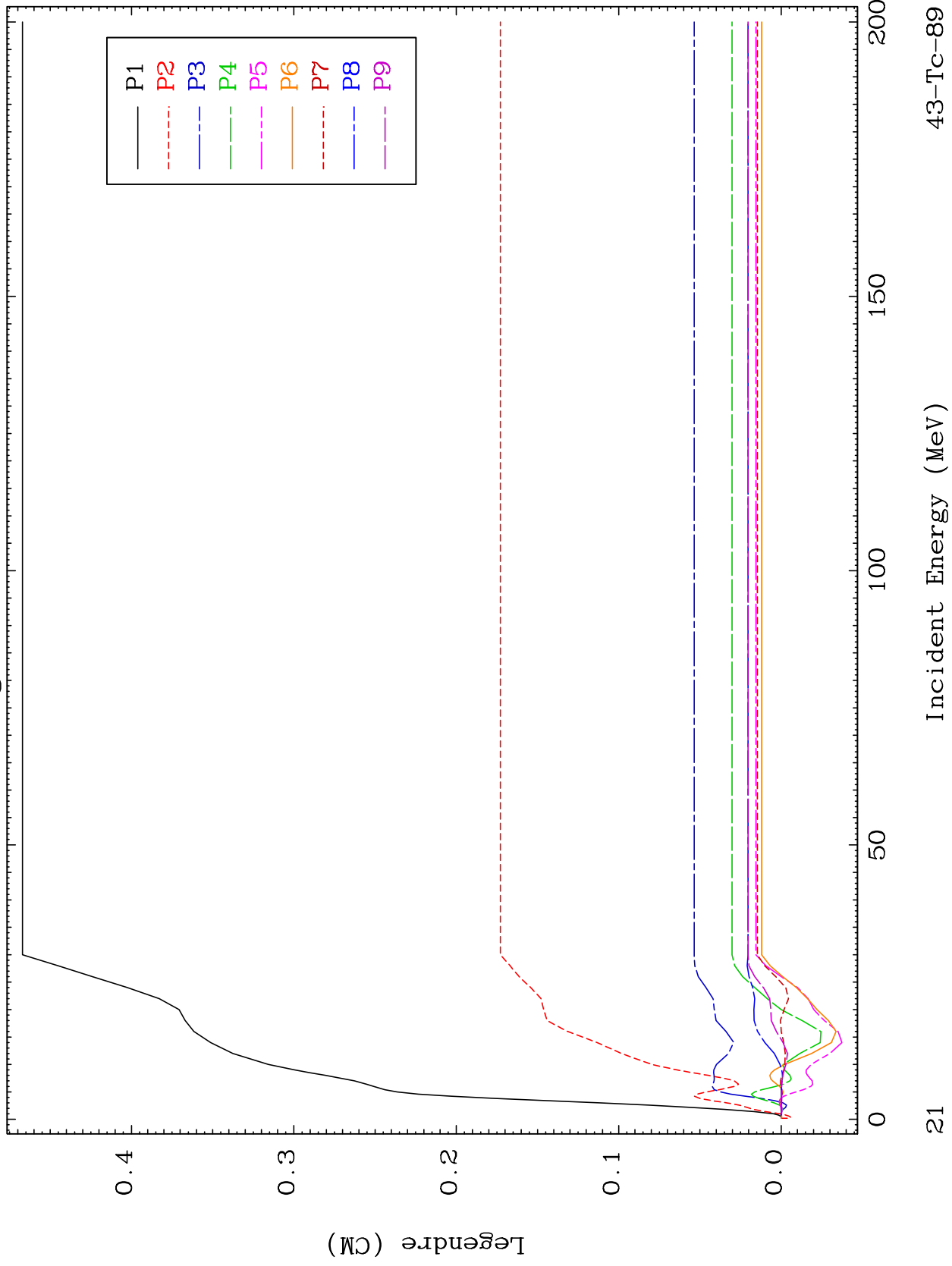
43-Tc-89



MAT 4295

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

43-Tc-89



21

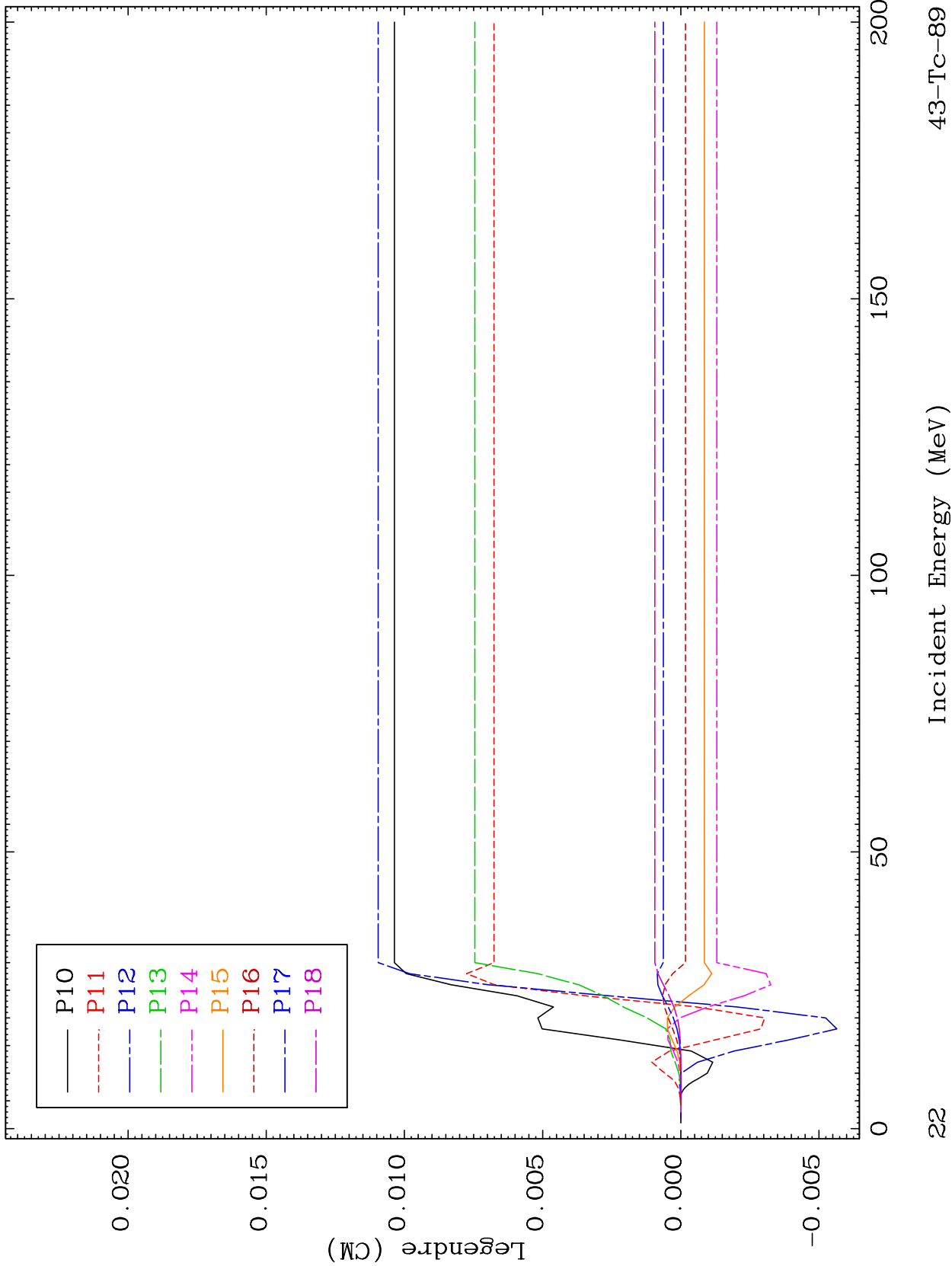
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



22

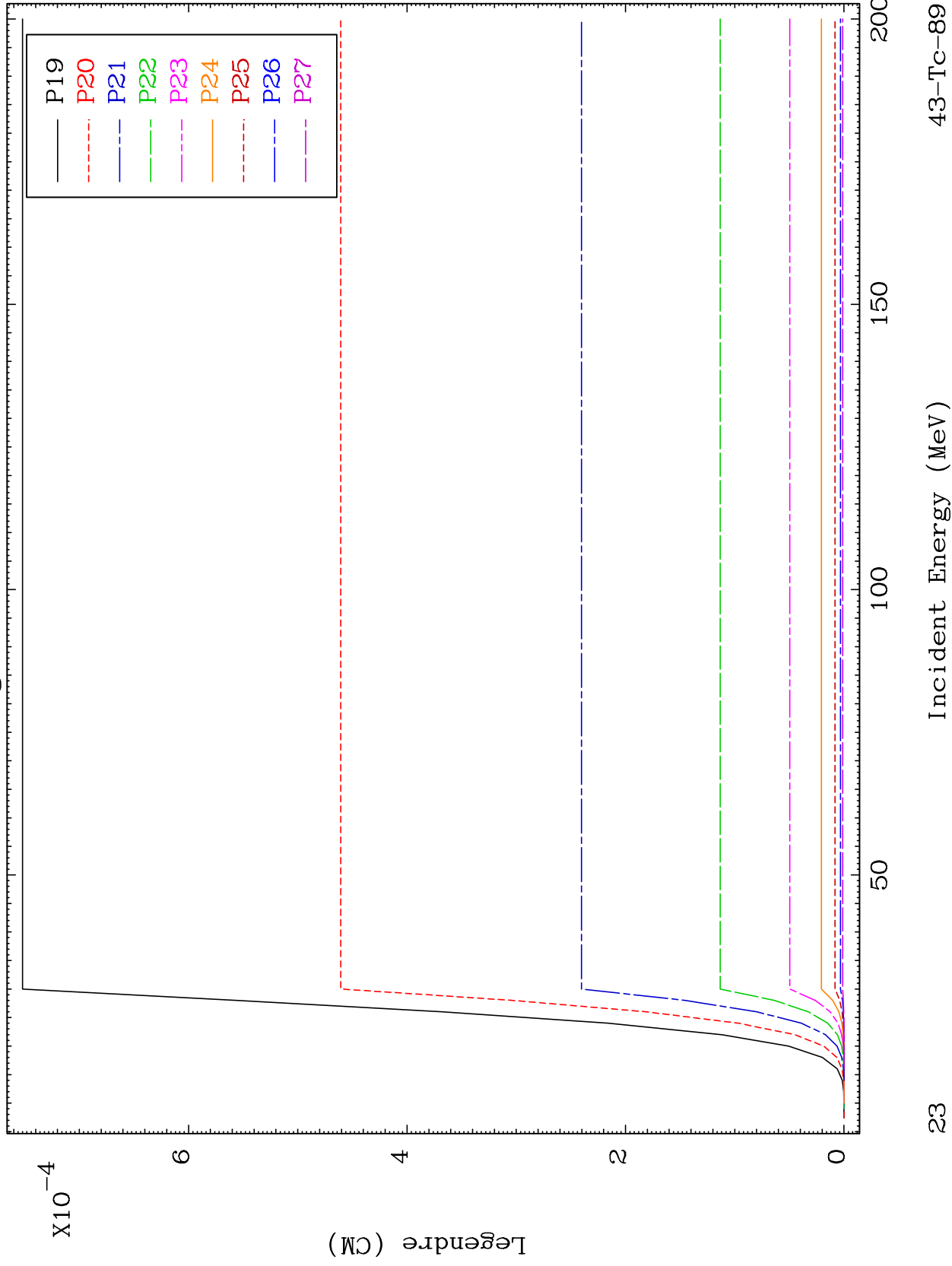
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



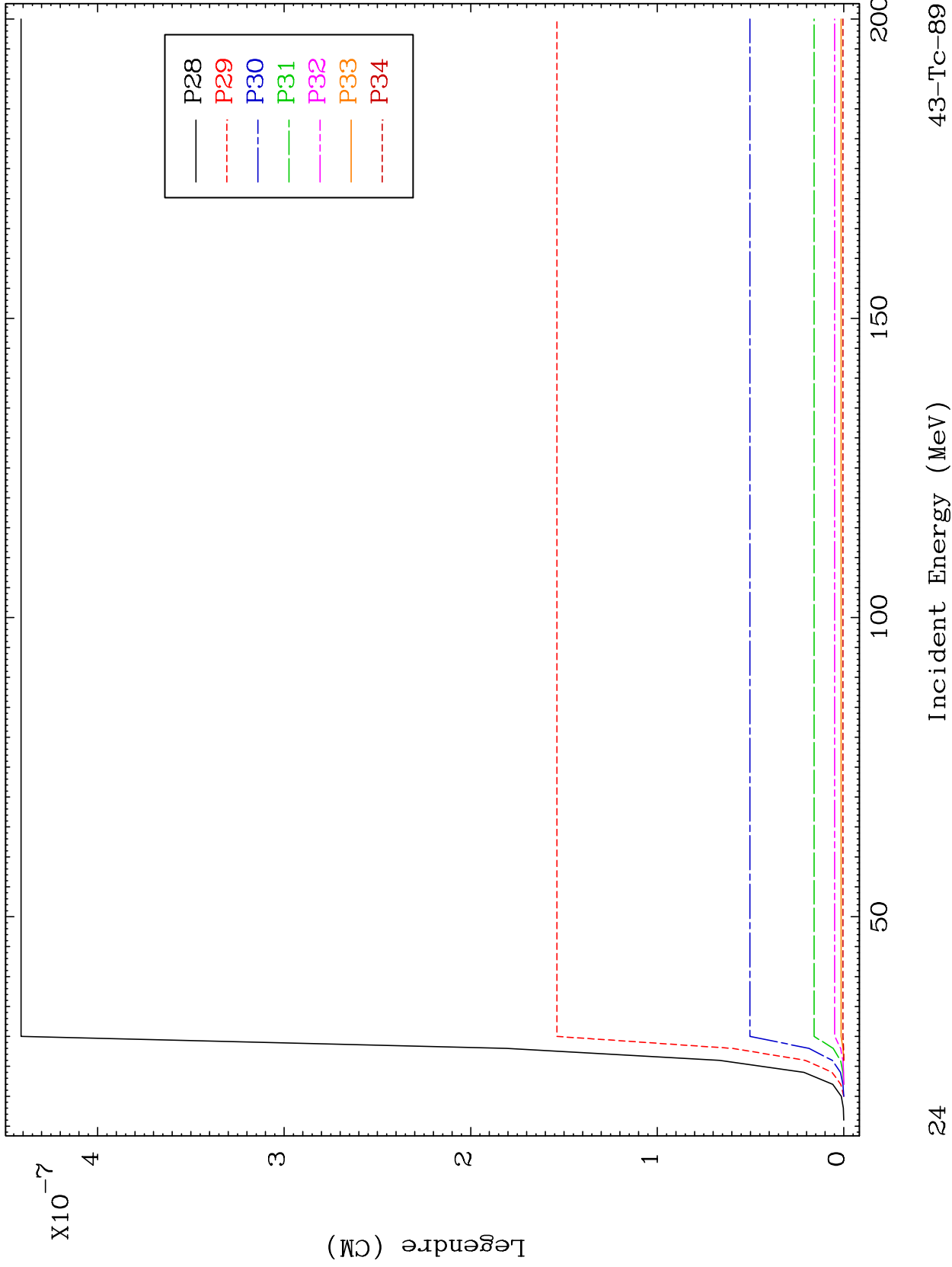
23



MAT 4295

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

43-Tc-89

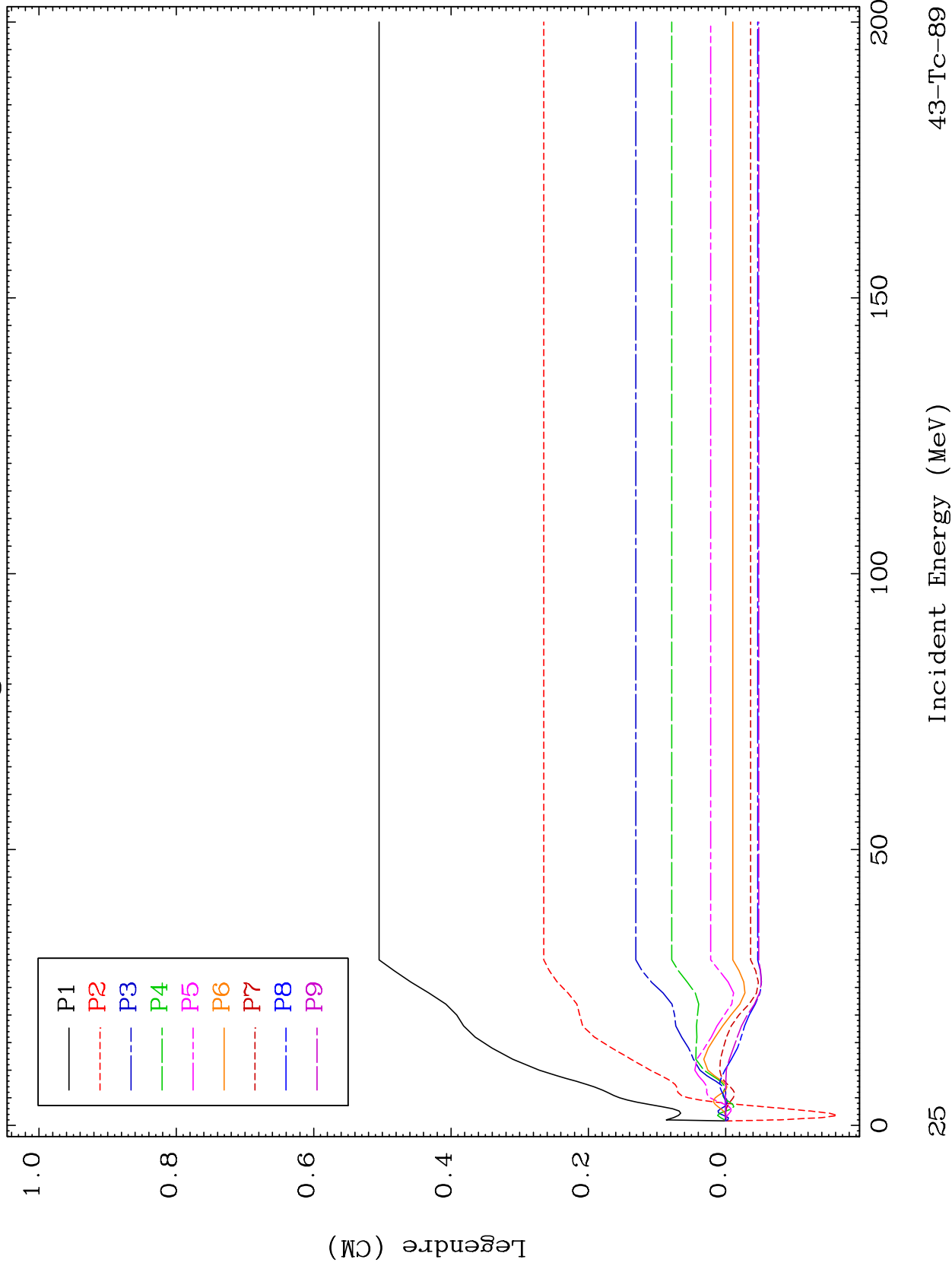


24

MAT 4295

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

43-Tc-89



43-Tc-89

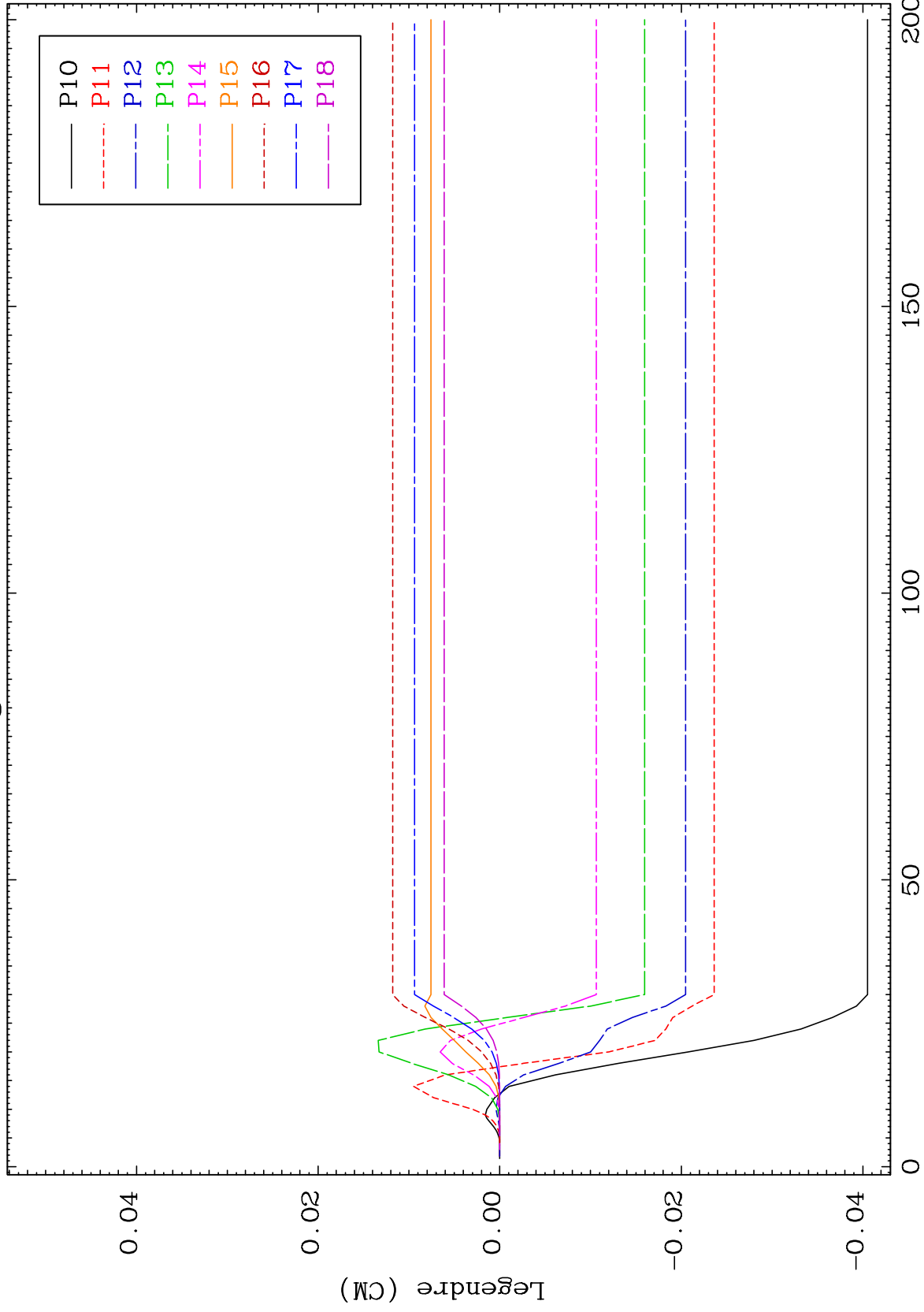
Incident Energy (MeV)

25

MAT 4295

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

43-Tc-89



26

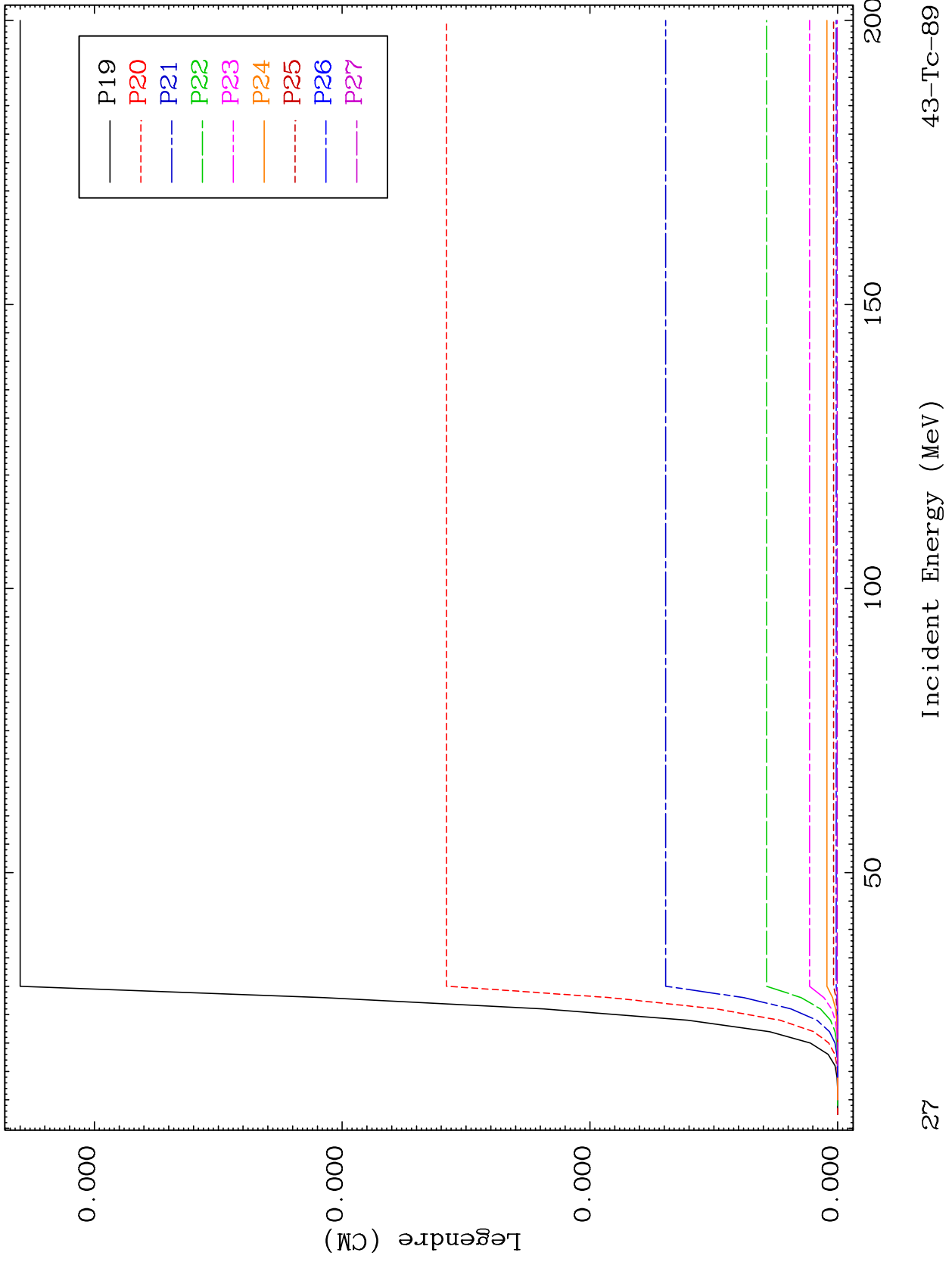
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



27

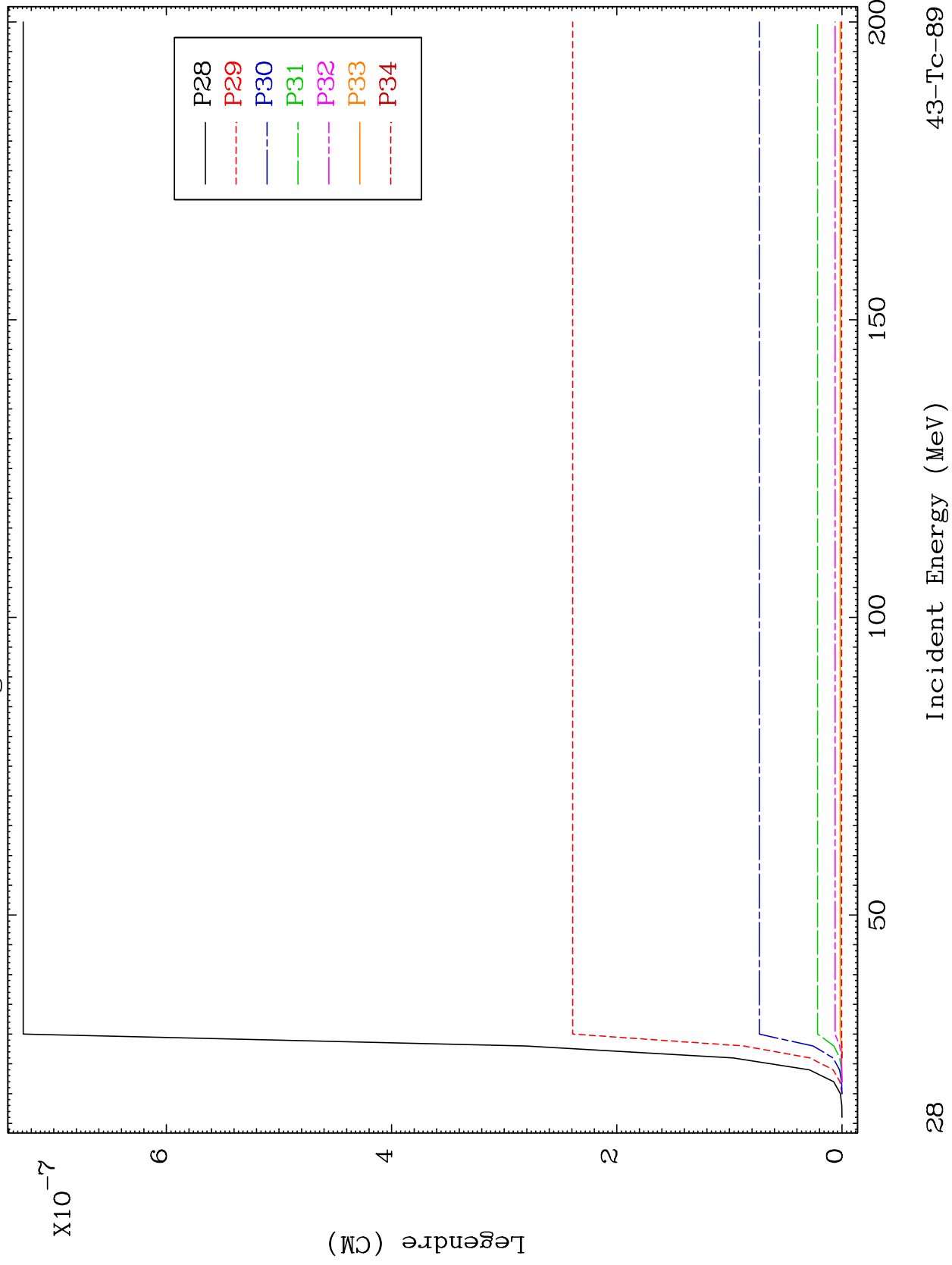
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

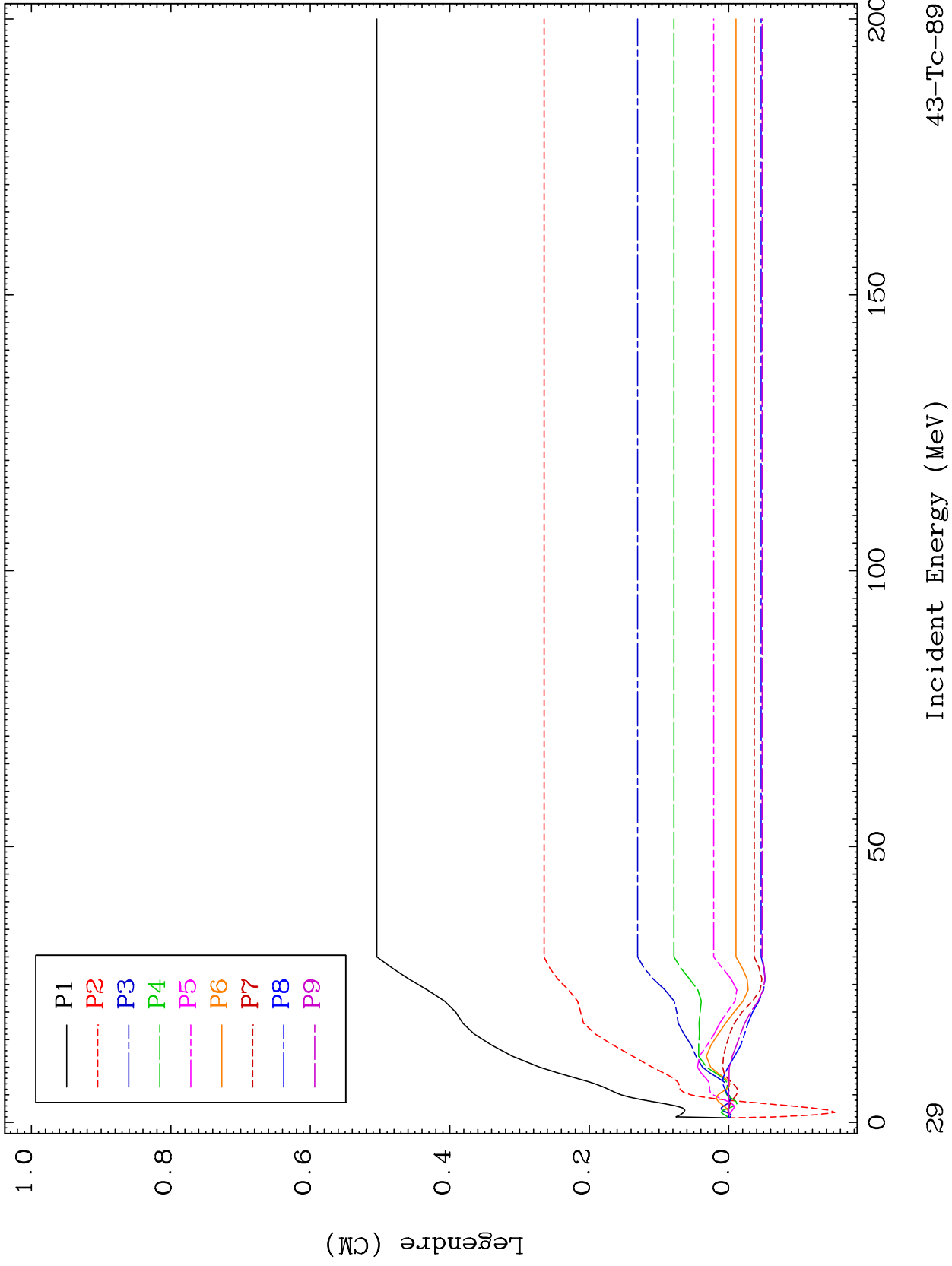
43-Tc-89



MAT 4295

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

43-Tc-89

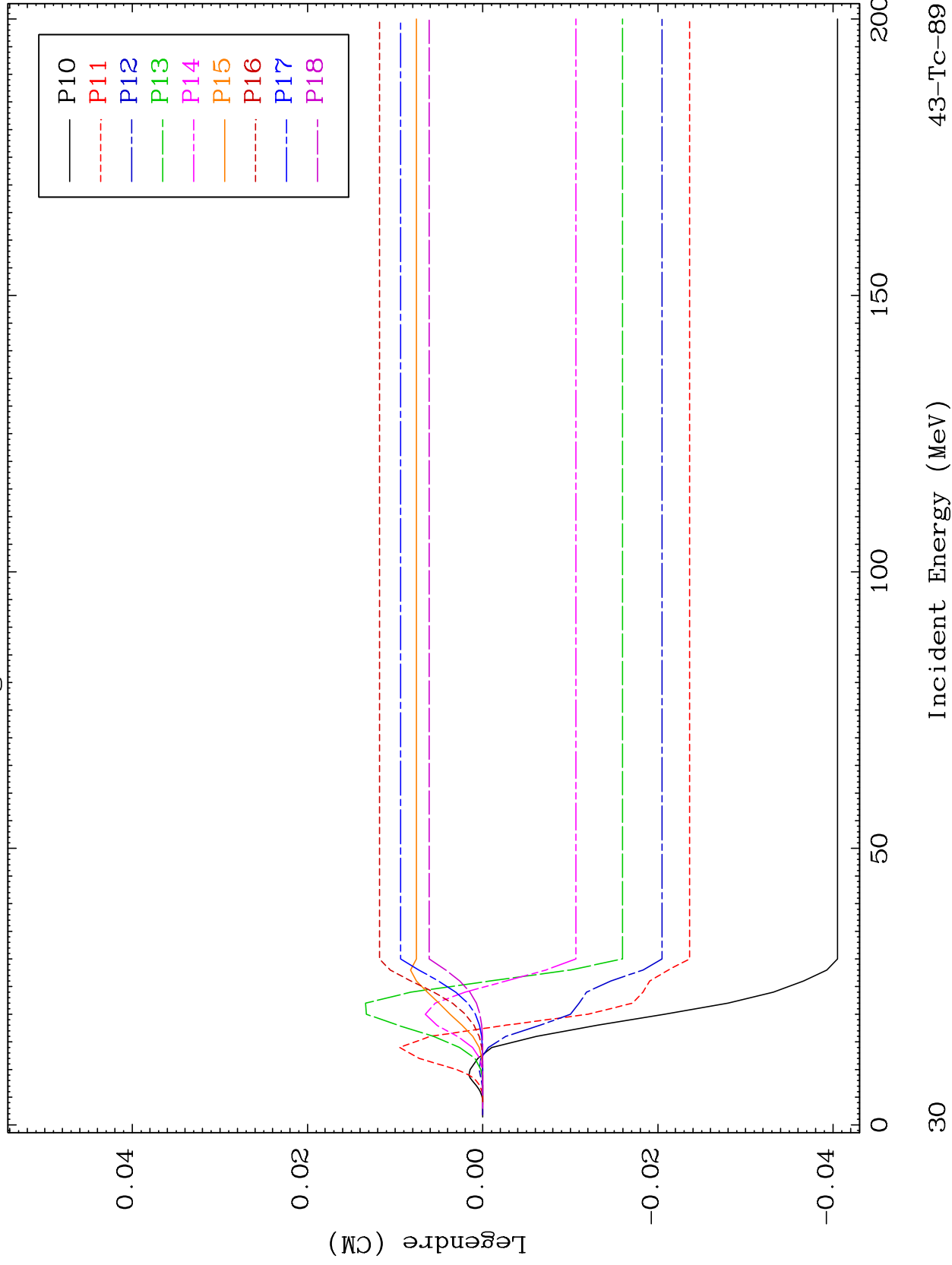


29

MAT 4295

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

43-Tc-89



43-Tc-89

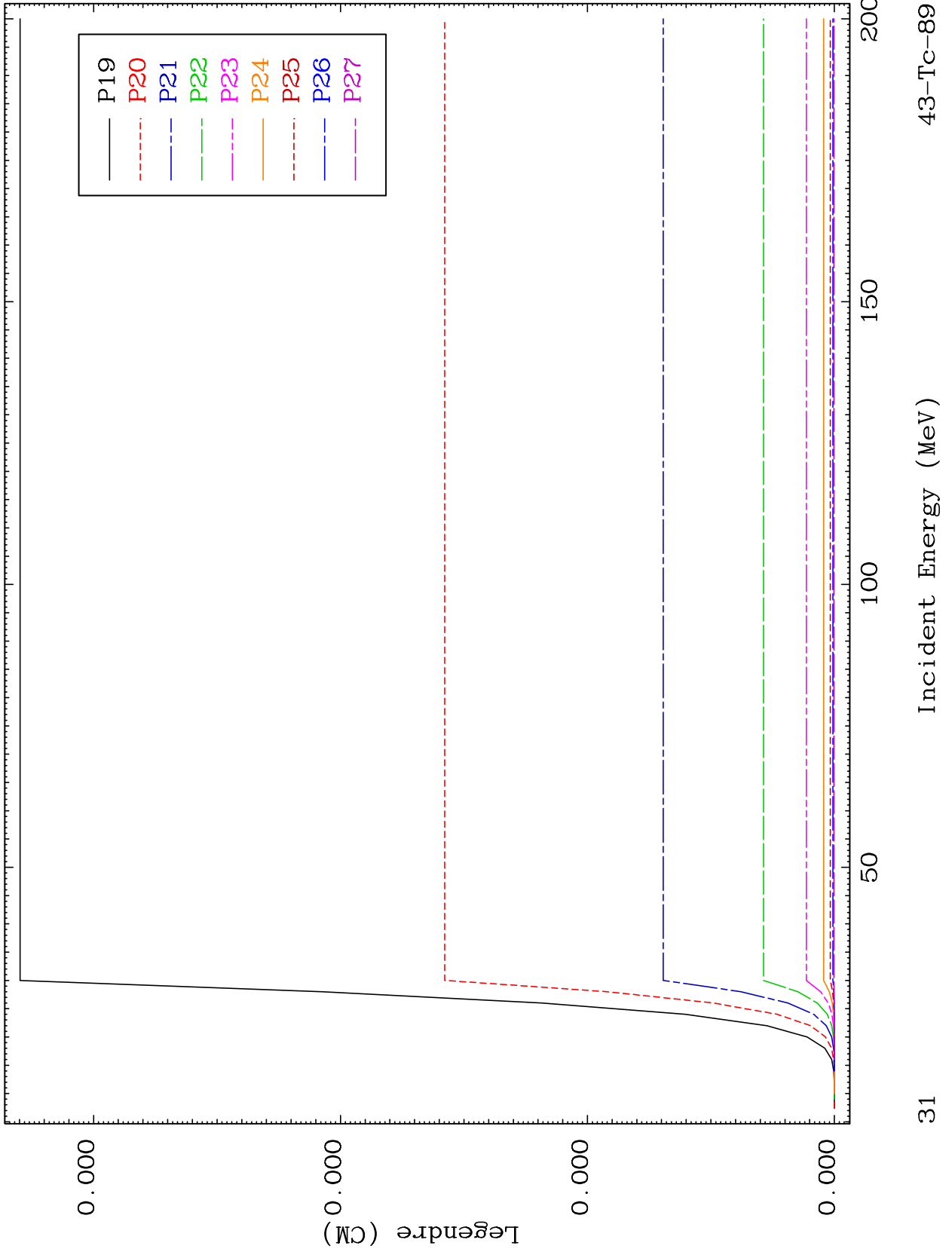
Incident Energy (MeV)

30

MAT 4295

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

43-Tc-89



31

Incident Energy (MeV)

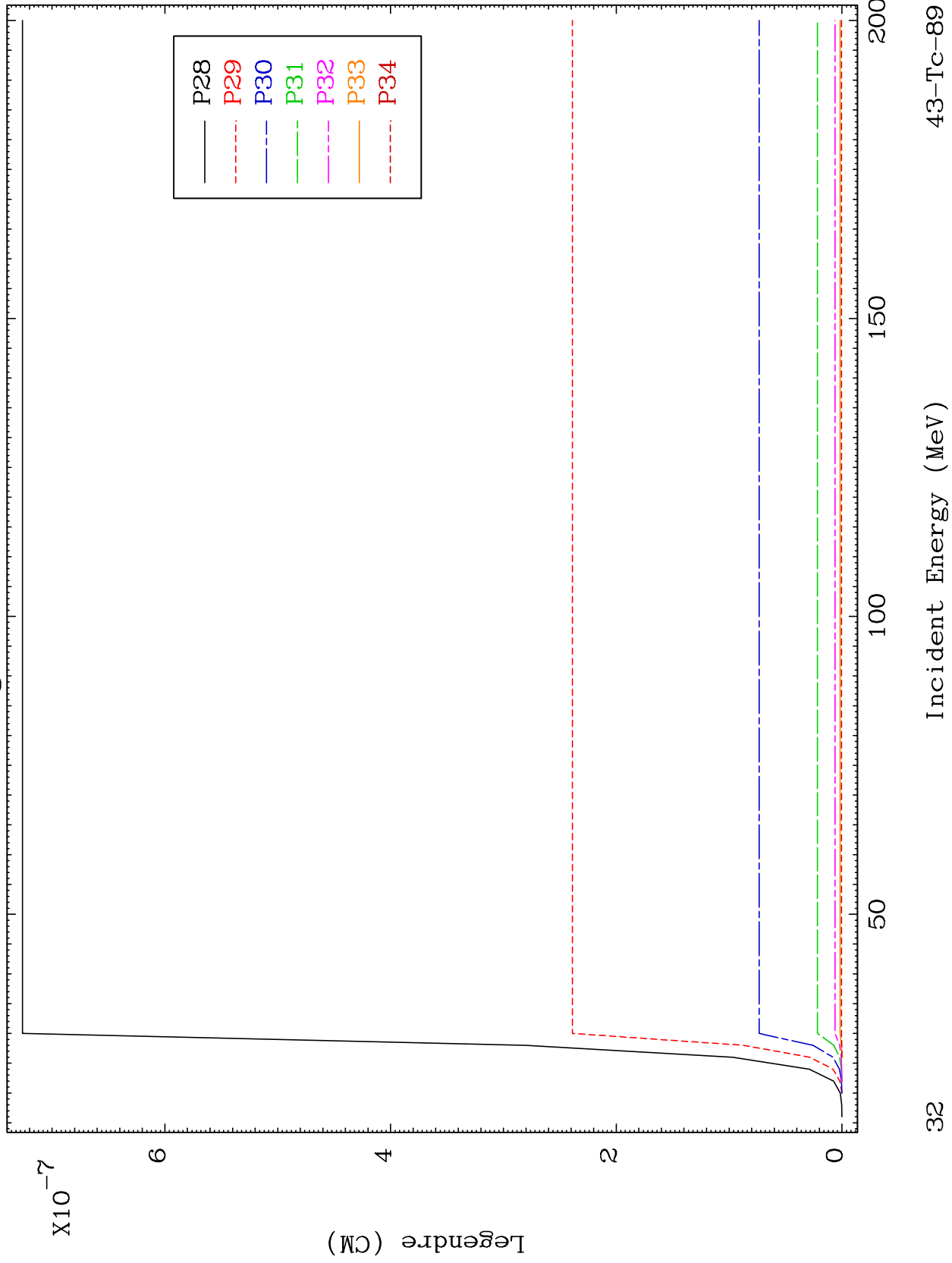
43-Tc-89

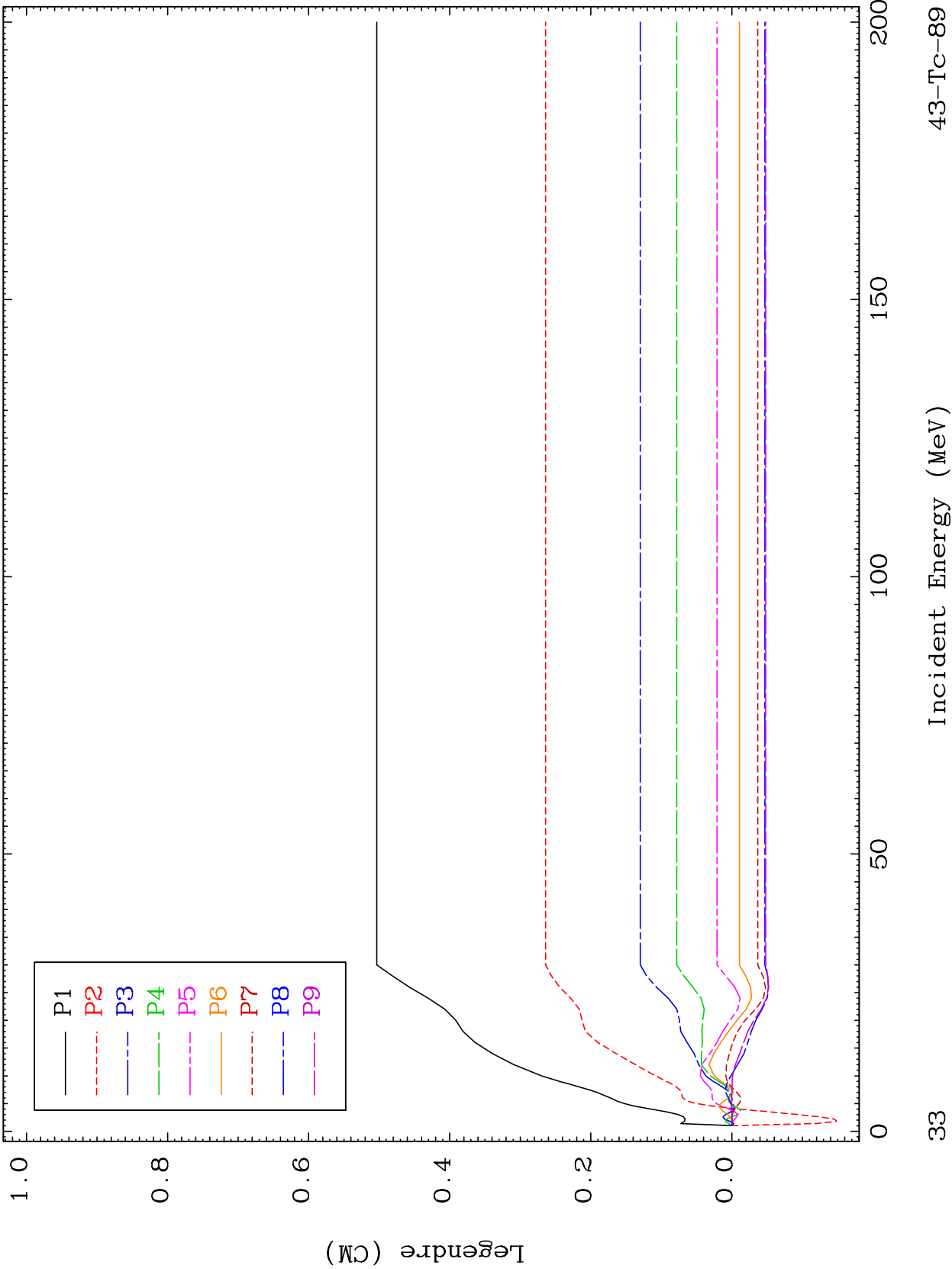


MAT 4295

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

43-Tc-89

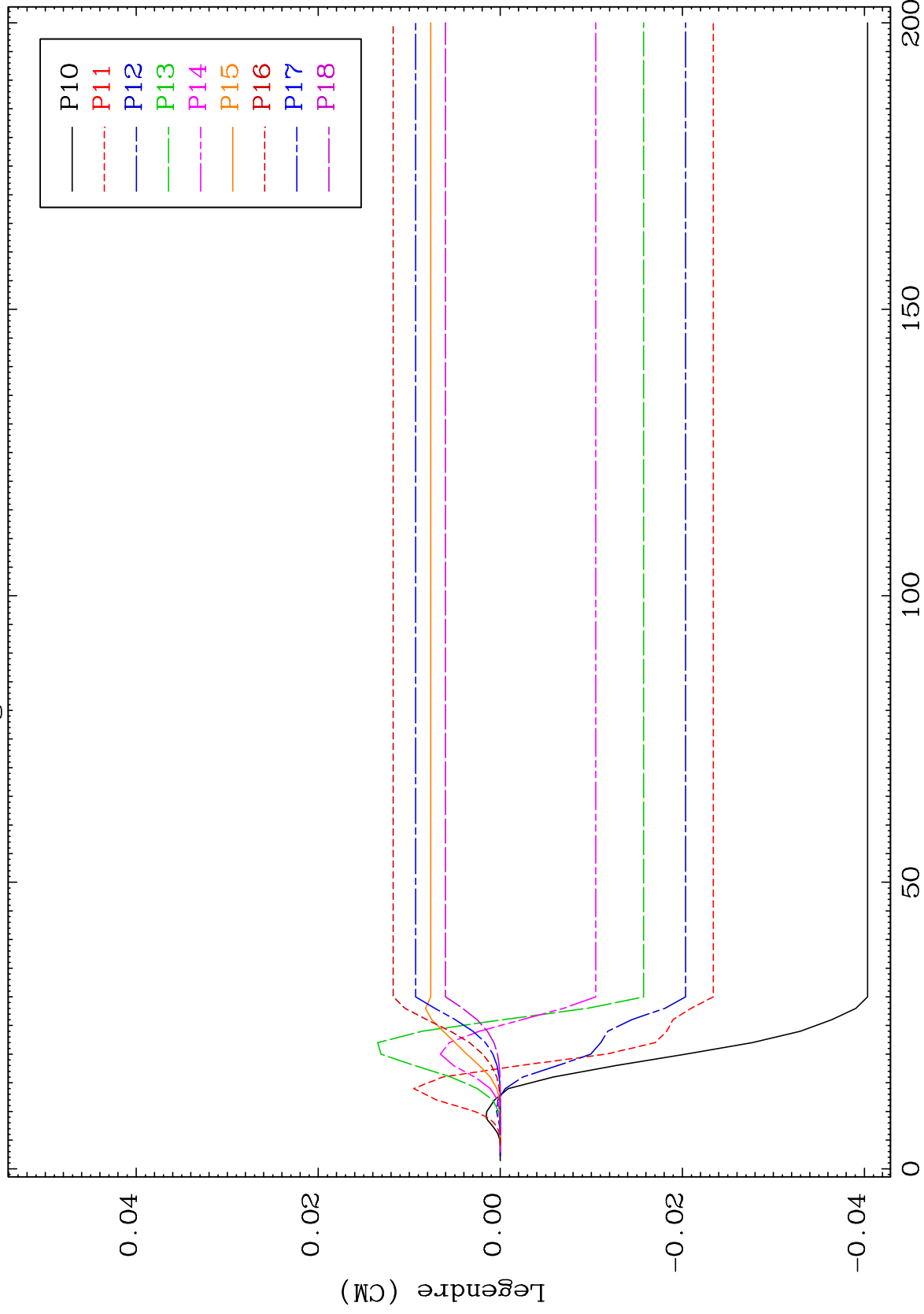




MAT 4295

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

43-Tc-89



34

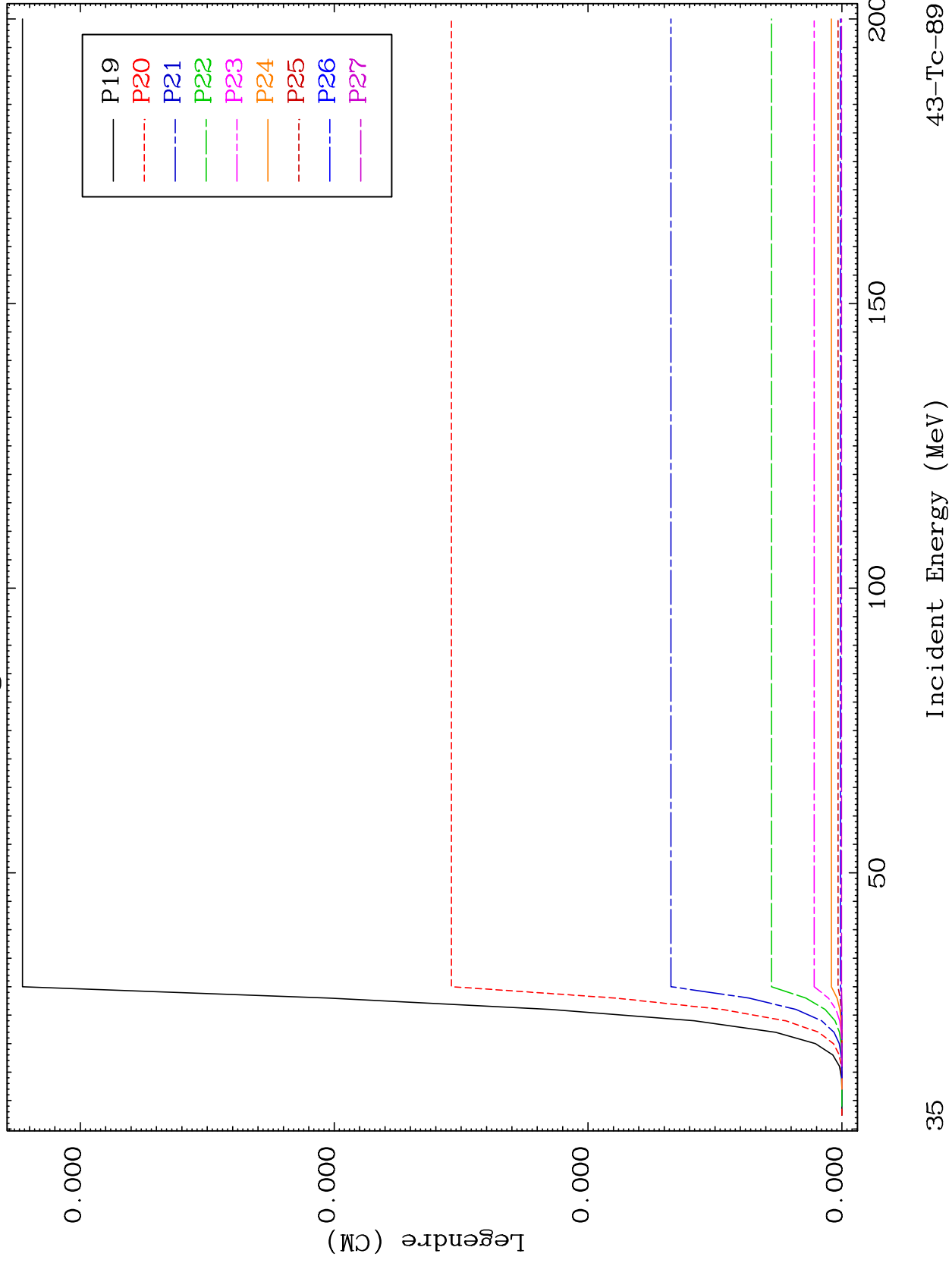
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



35

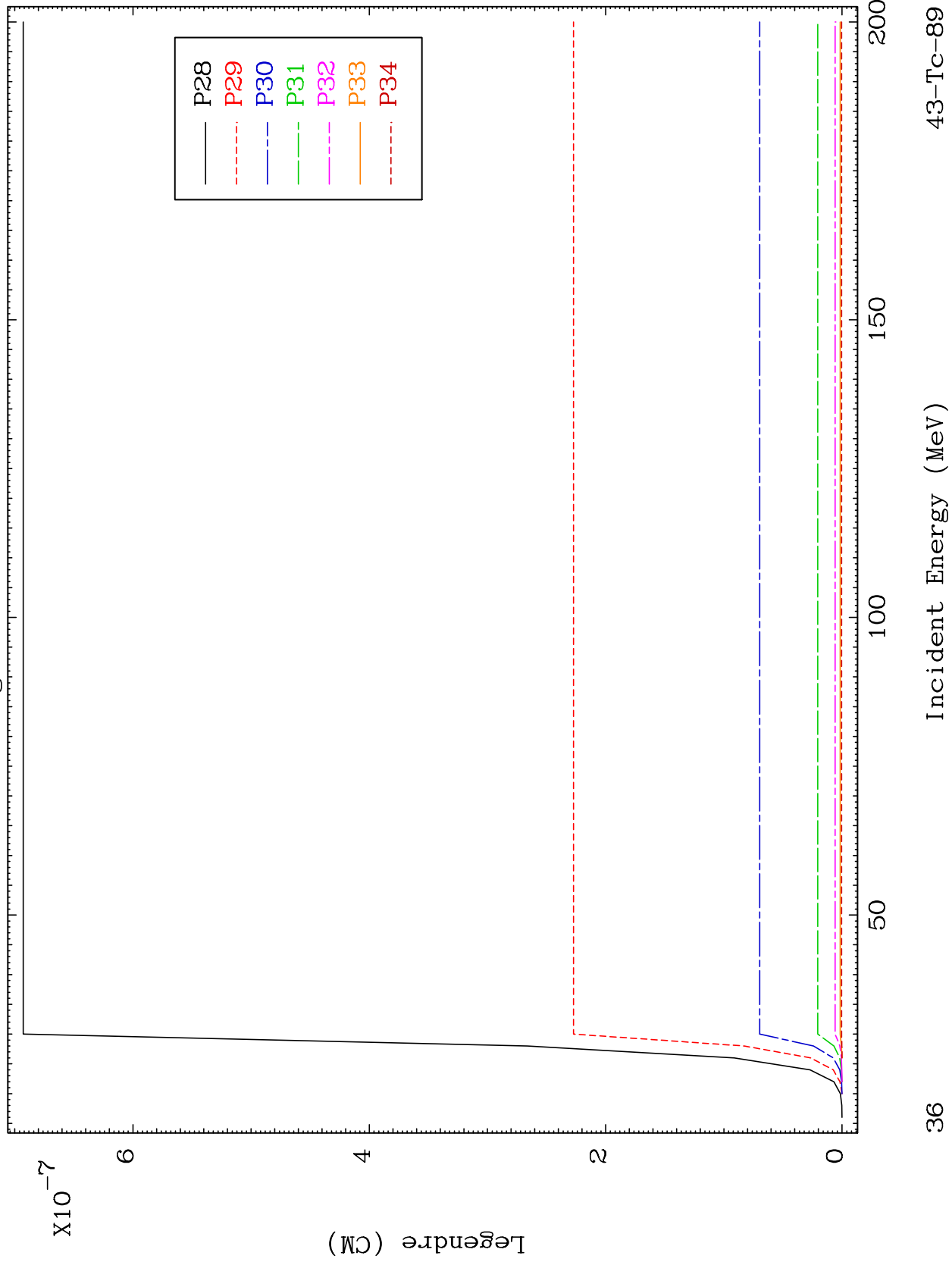
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



36

Incident Energy (MeV)

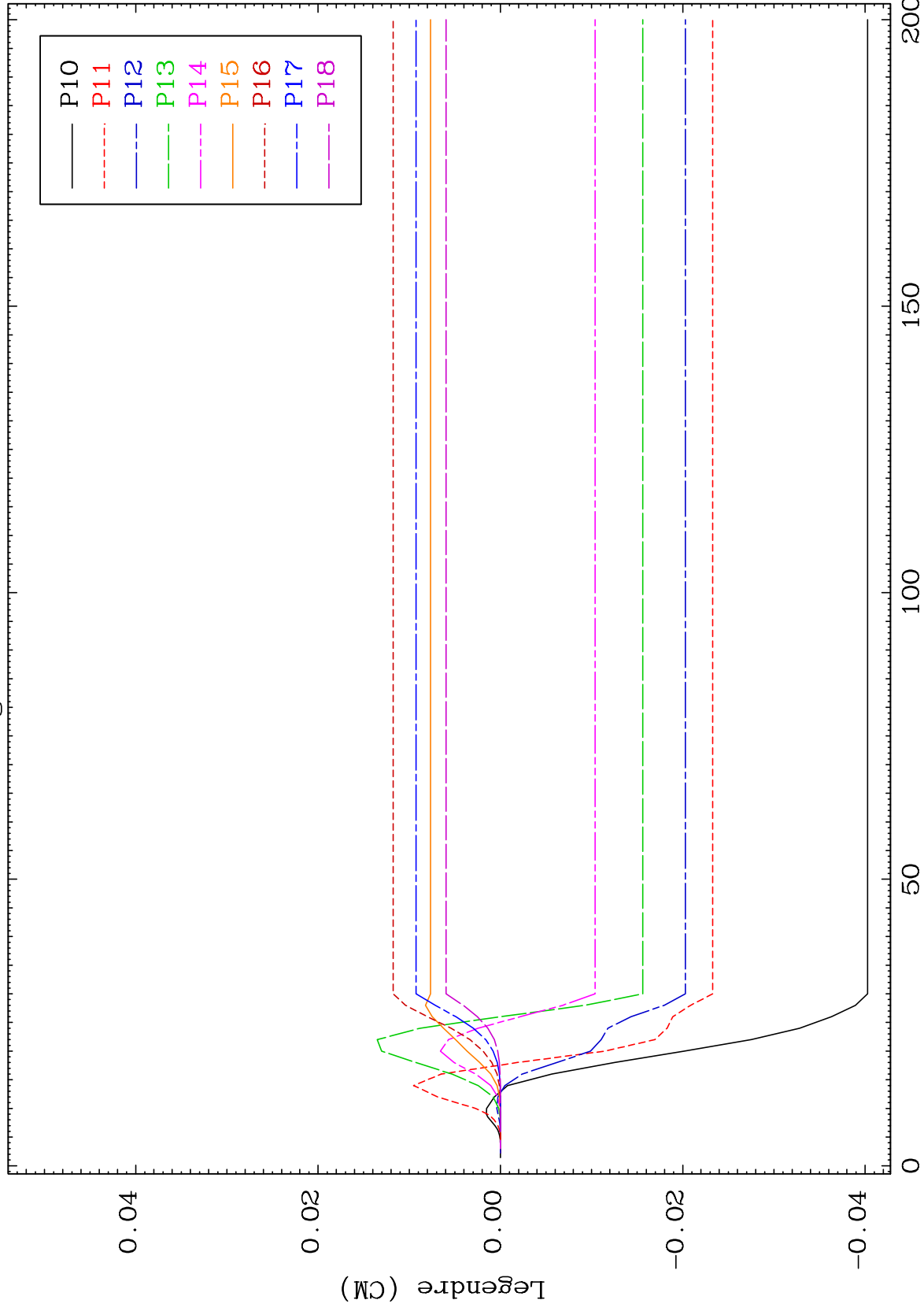
43-Tc-89



MAT 4295

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

43-Tc-89



38

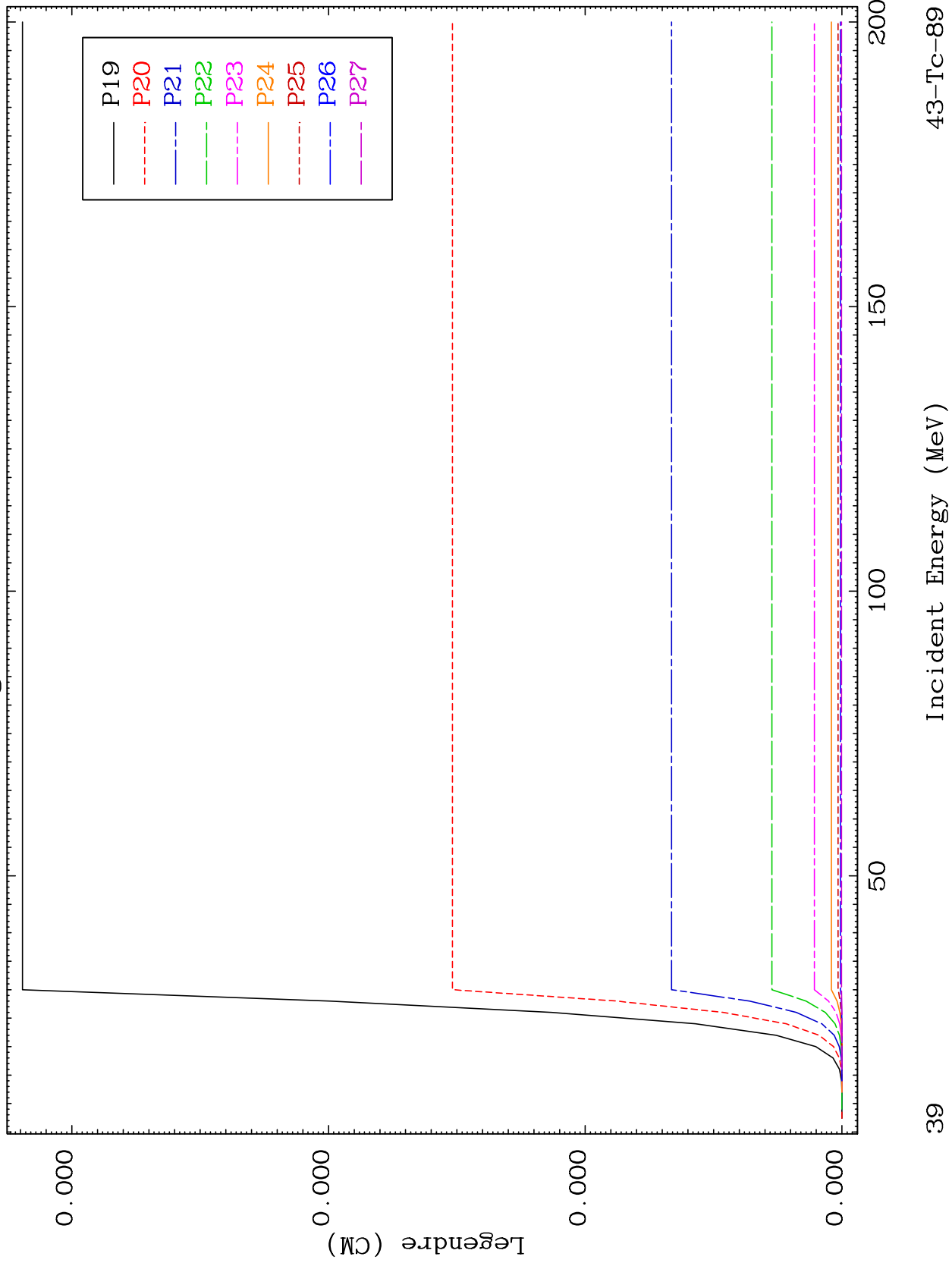
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89

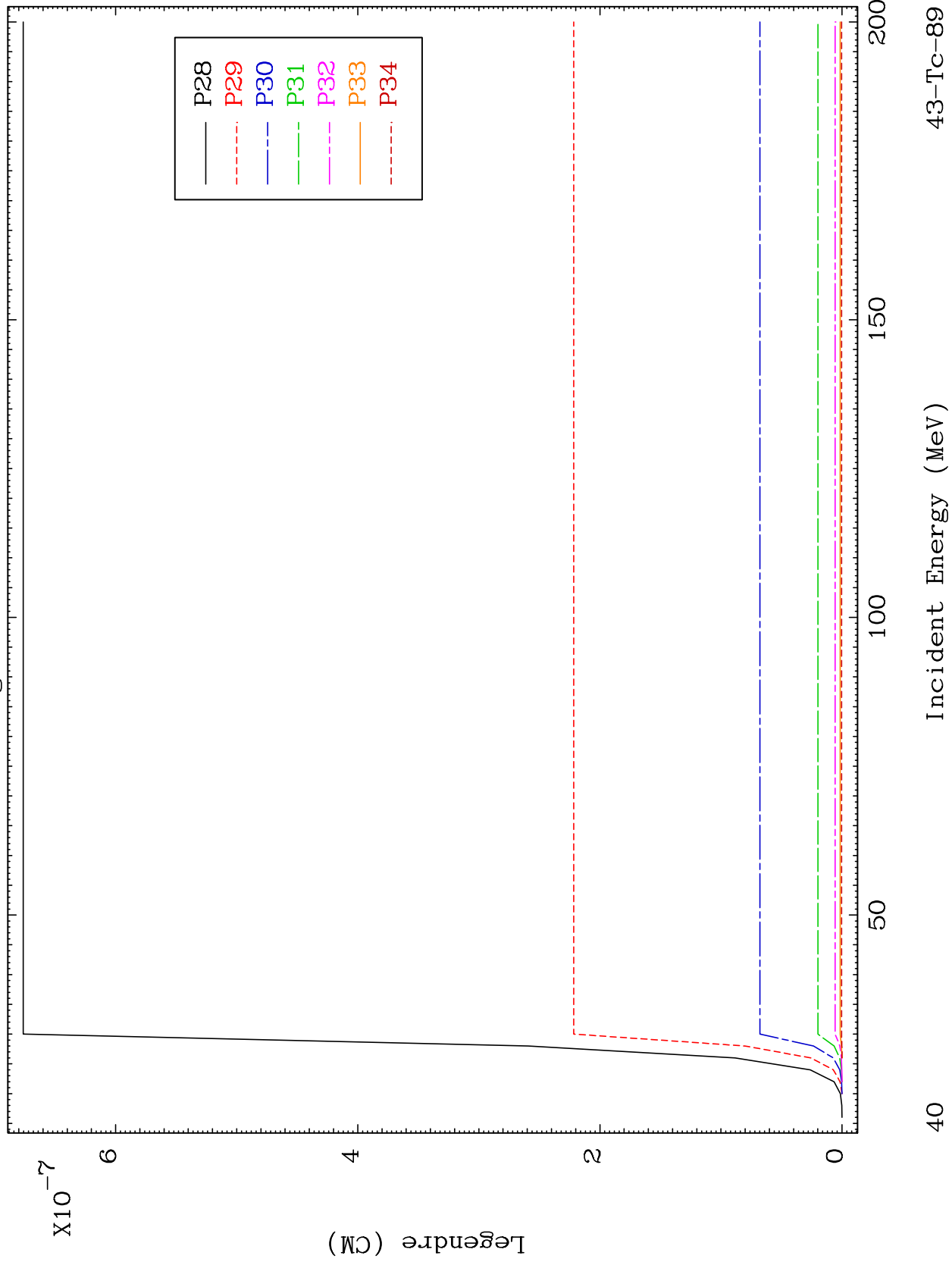


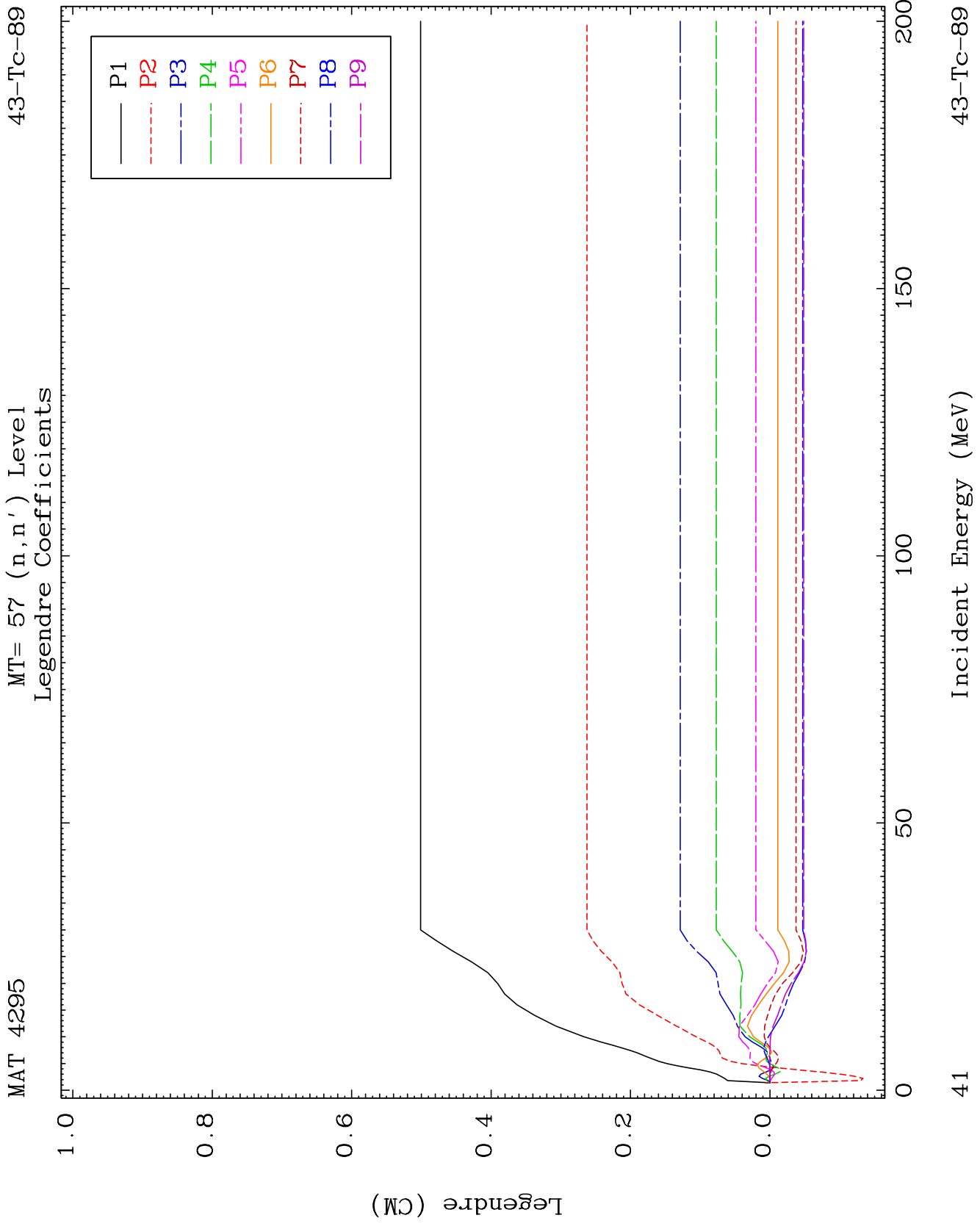


MAT 4295

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

43-Tc-89

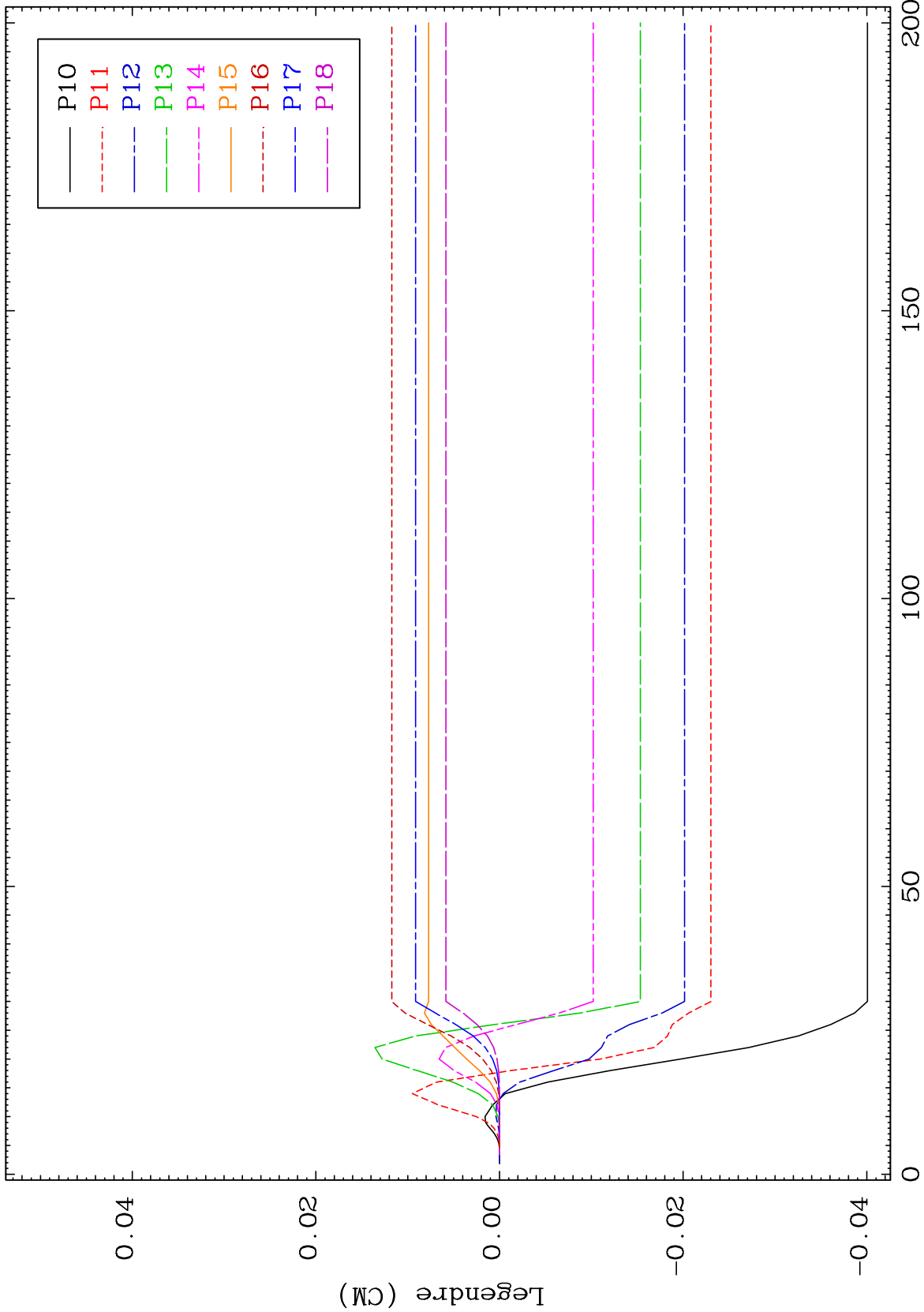




MAT 4295

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

43-Tc-89



42

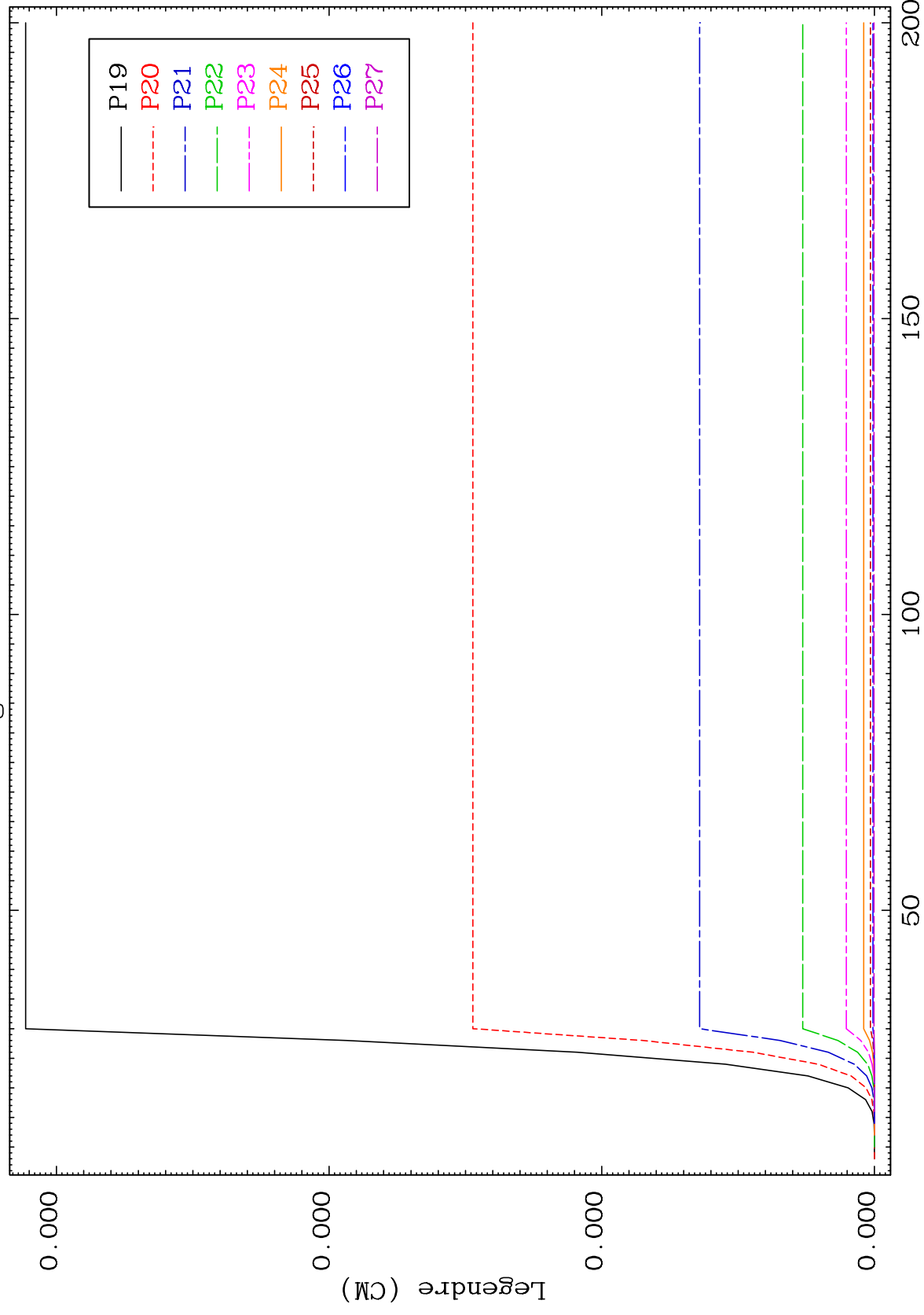
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



43

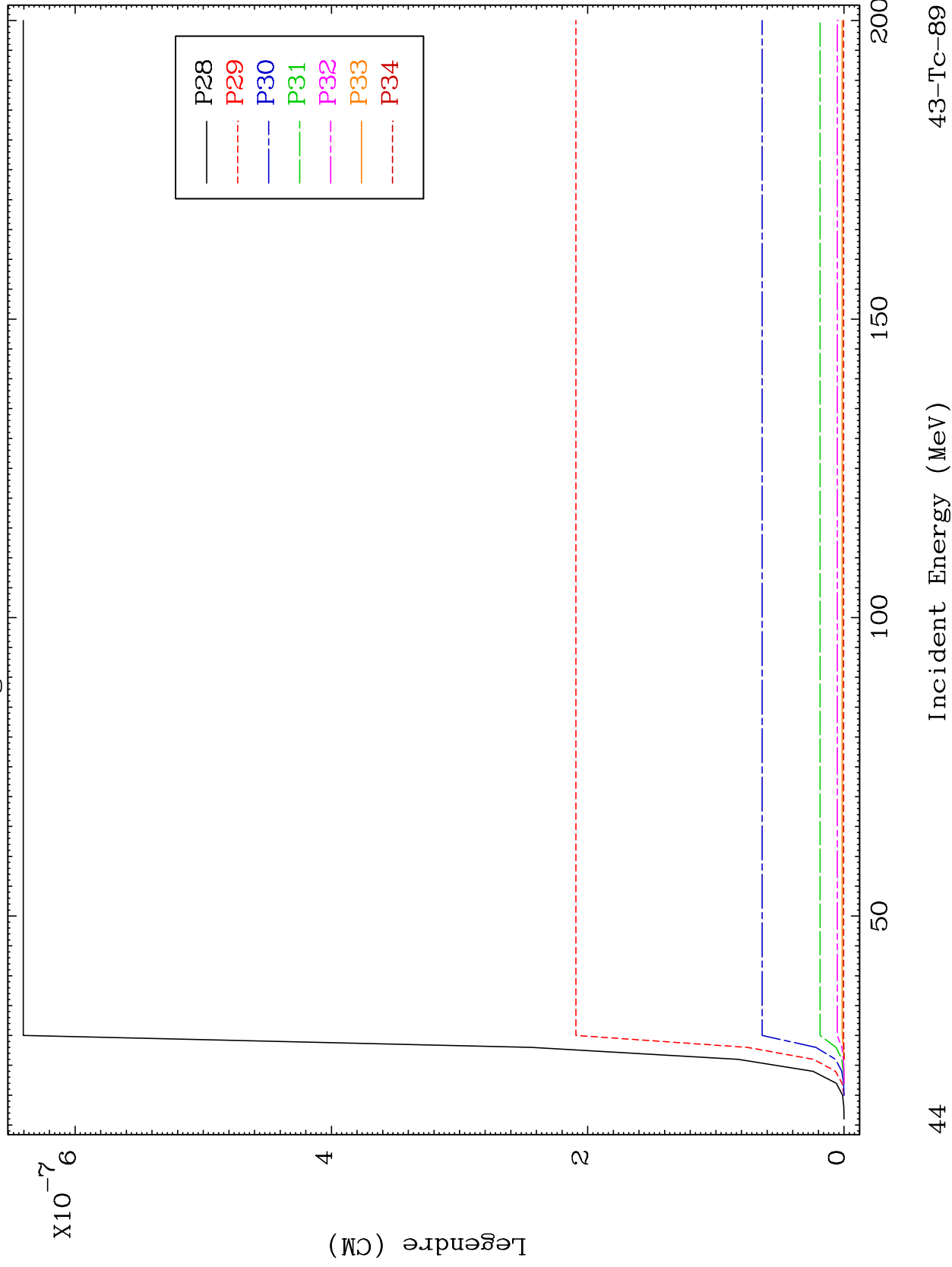
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

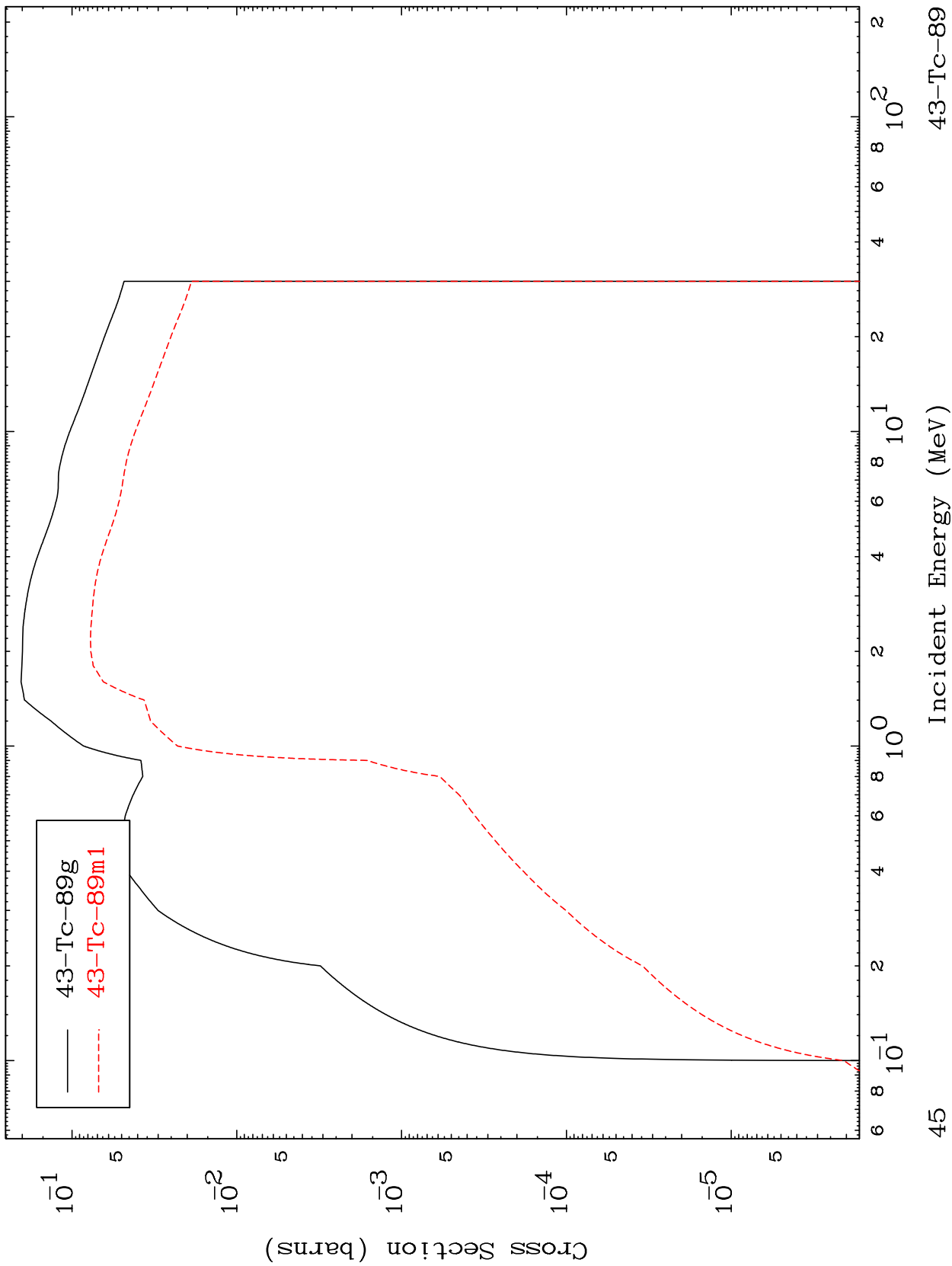
43-Tc-89



MAT 4295

43-Tc-89

Radionuclide Production Cross Section



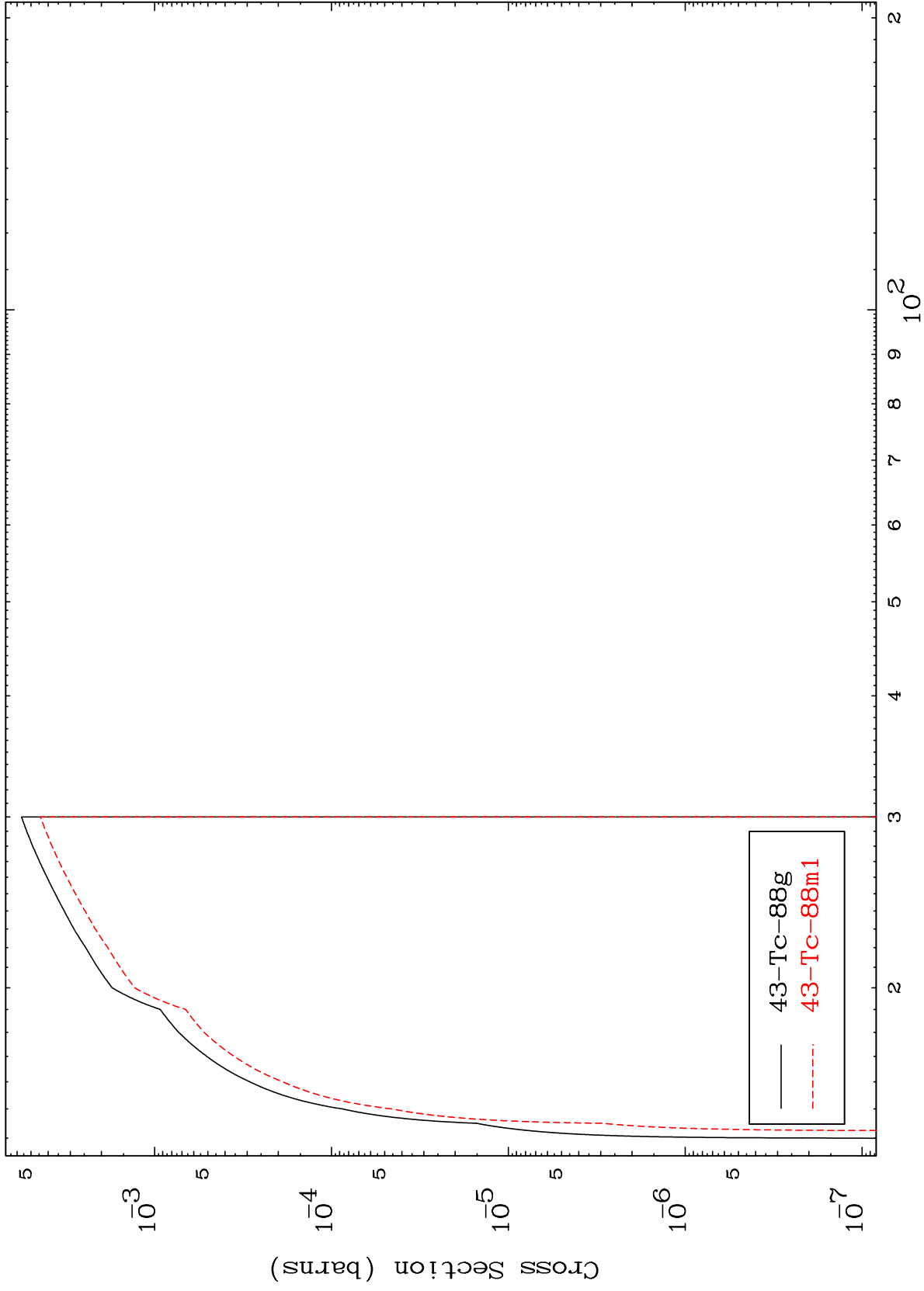
45

43-Tc-89

MAT 4295

43-Tc-89

(n,2n)  
Radionuclide Production Cross Section



46

Incident Energy (MeV)

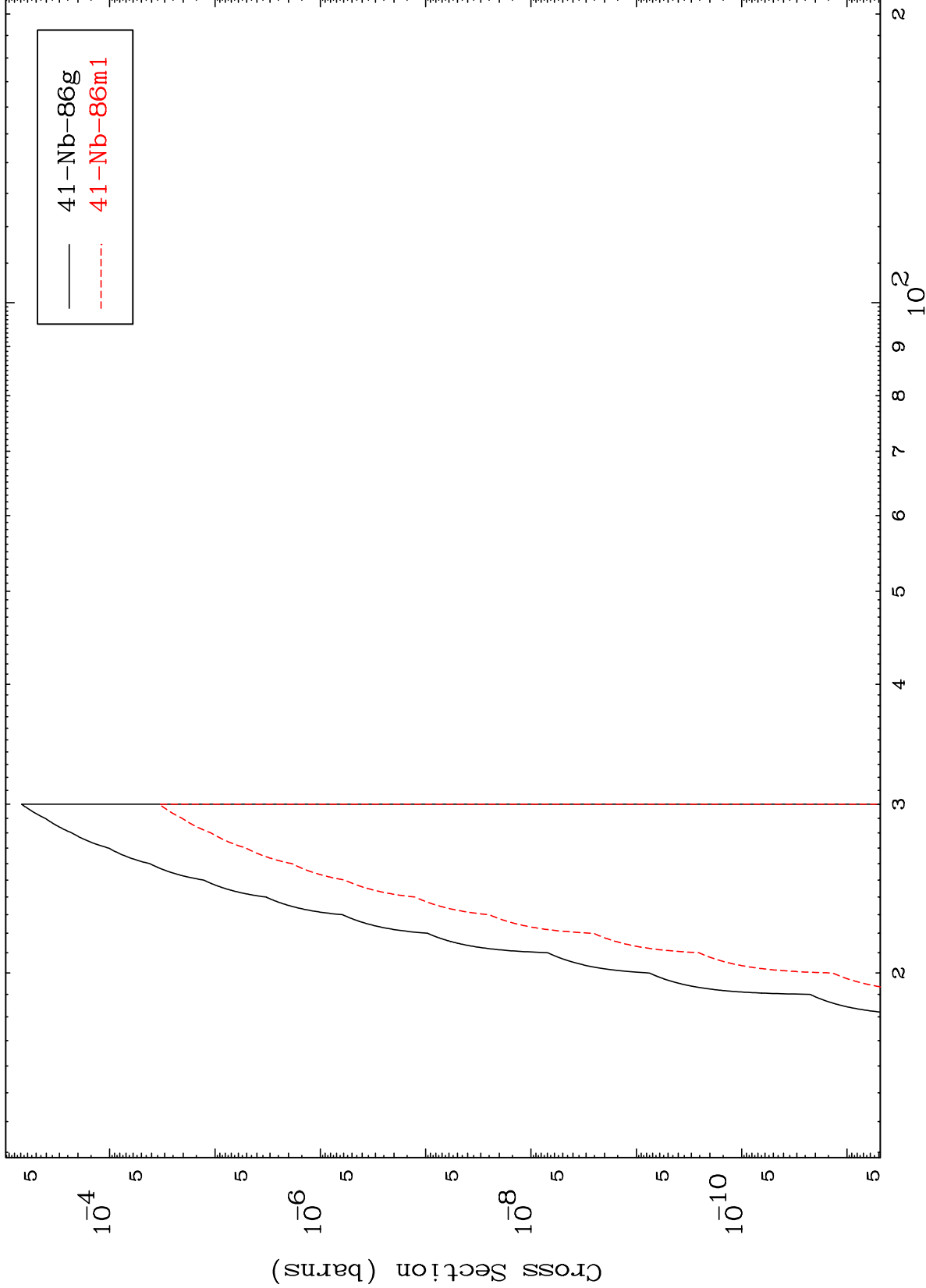
43-Tc-89

MAT 4295

(n,n') He-3

43-Tc-89

Radionuclide Production Cross Section



41-Nb-86g  
41-Nb-86m1

47

Incident Energy (MeV)

43-Tc-89

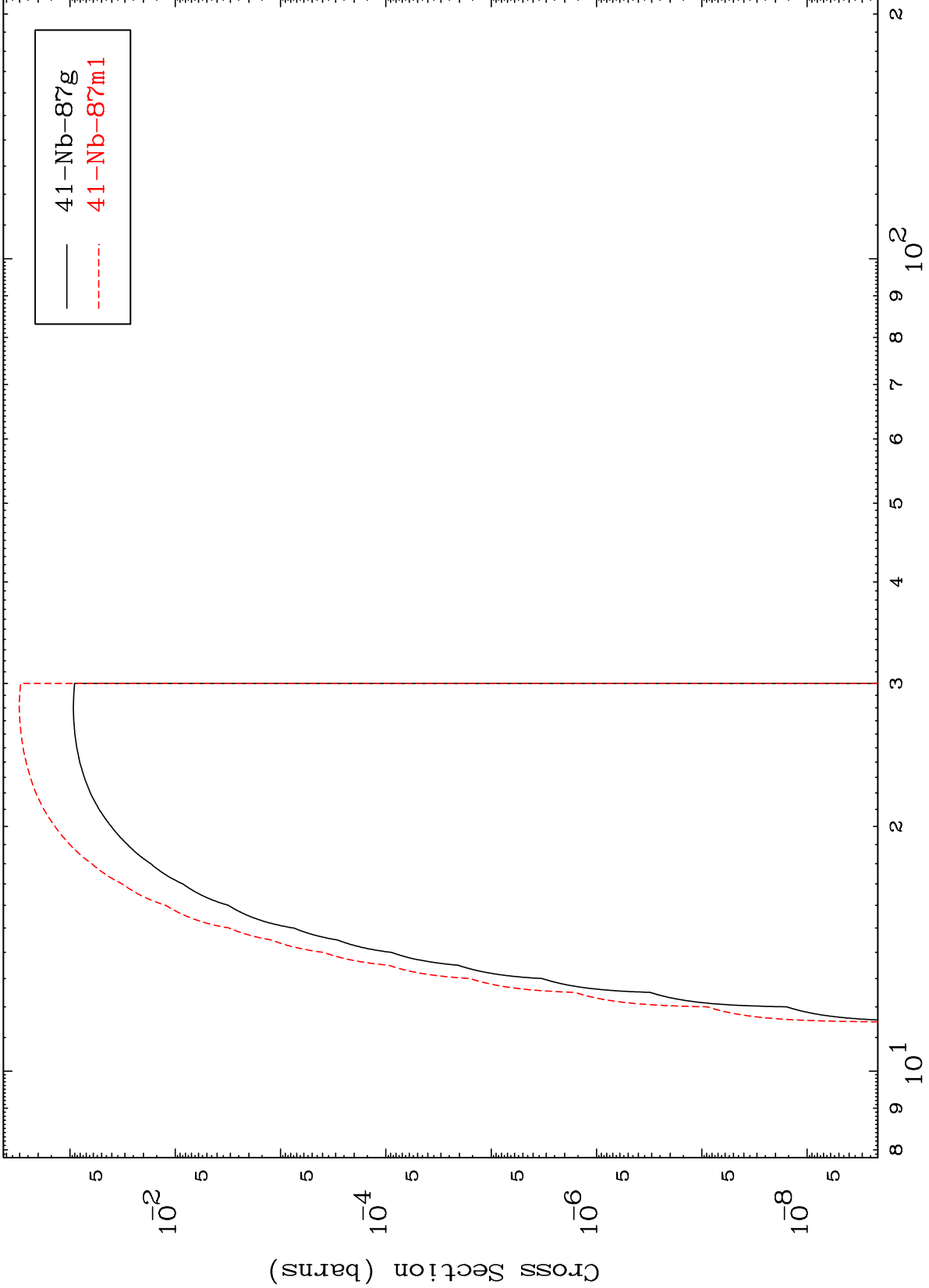


MAT 4295

(n,2n) p

43-Tc-89

Radionuclide Production Cross Section



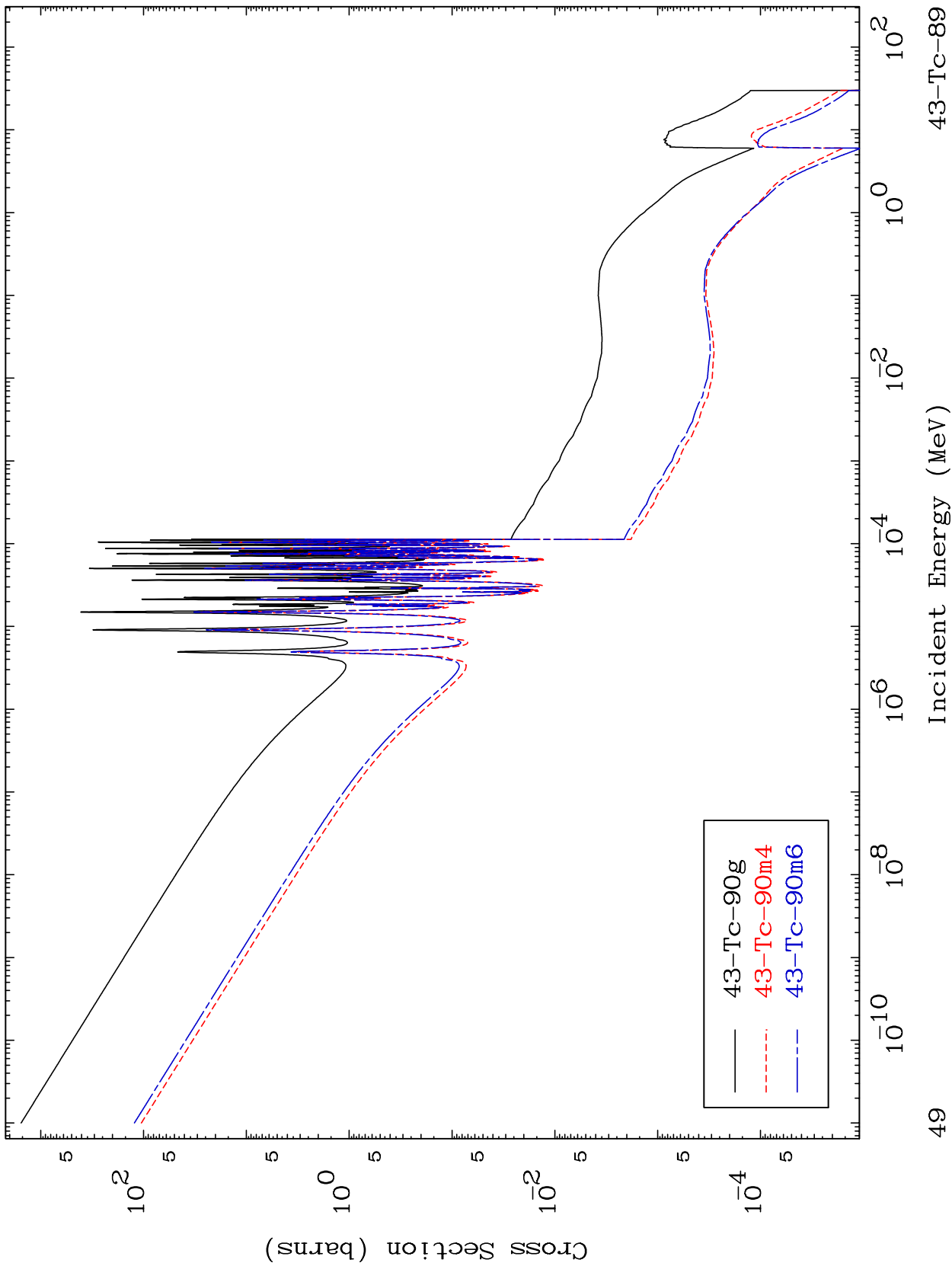
41-Nb-87g  
41-Nb-87m1

48

Incident Energy (MeV)

43-Tc-89

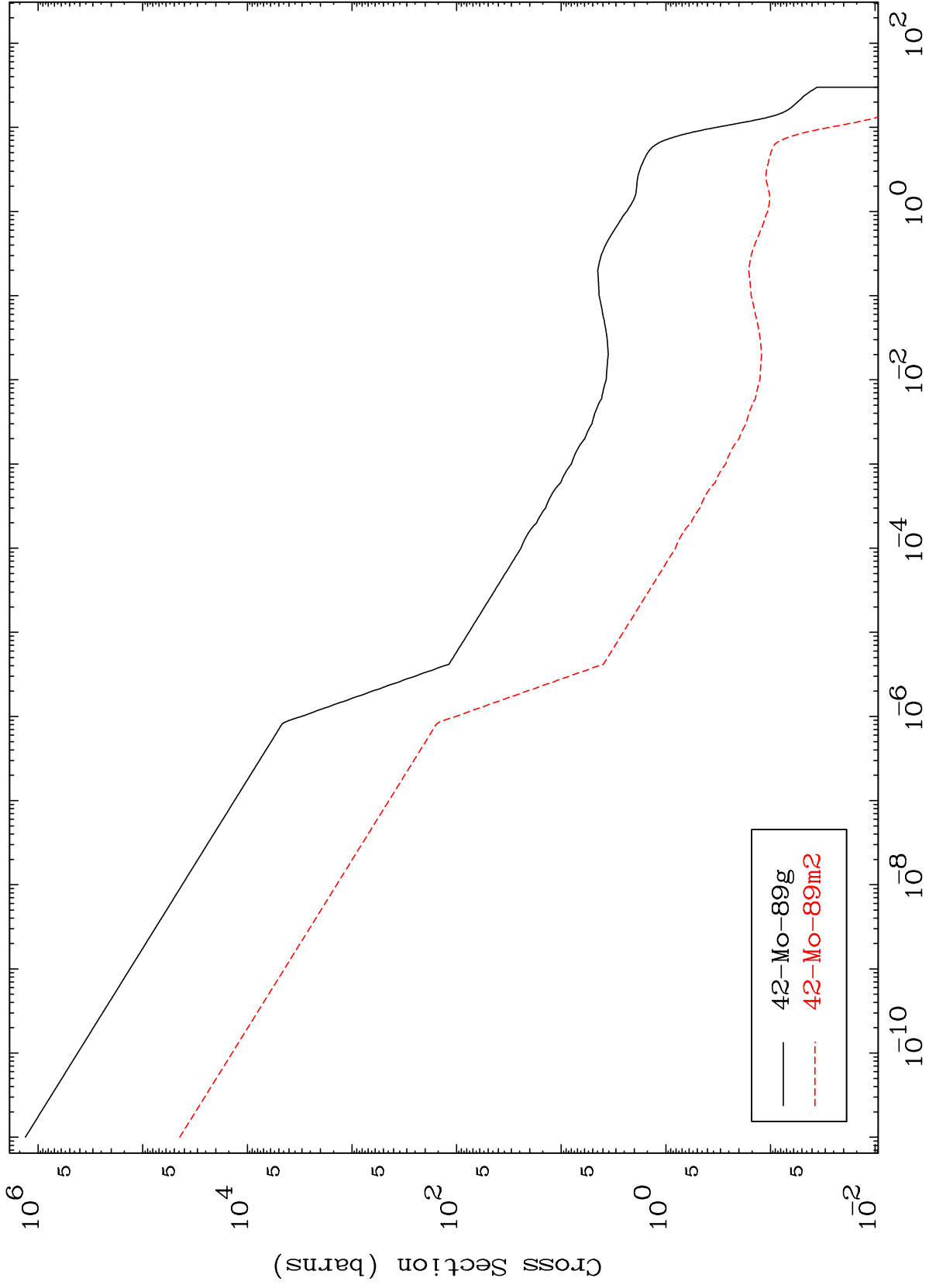
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 4295

43-Tc-89

(n,p)  
Radionuclide Production Cross Section



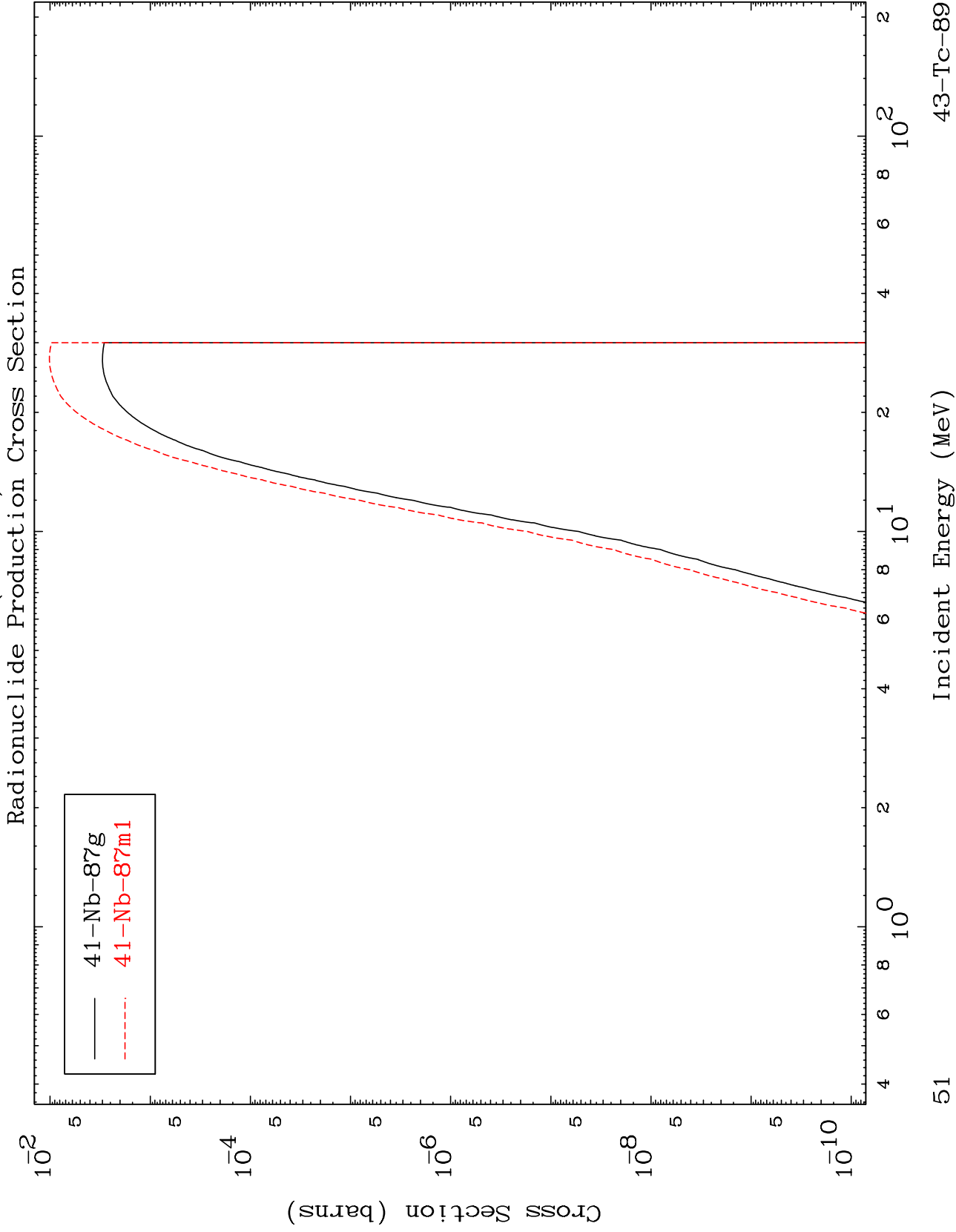
50

43-Tc-89

MAT 4295

(n,He-3)

43-Tc-89

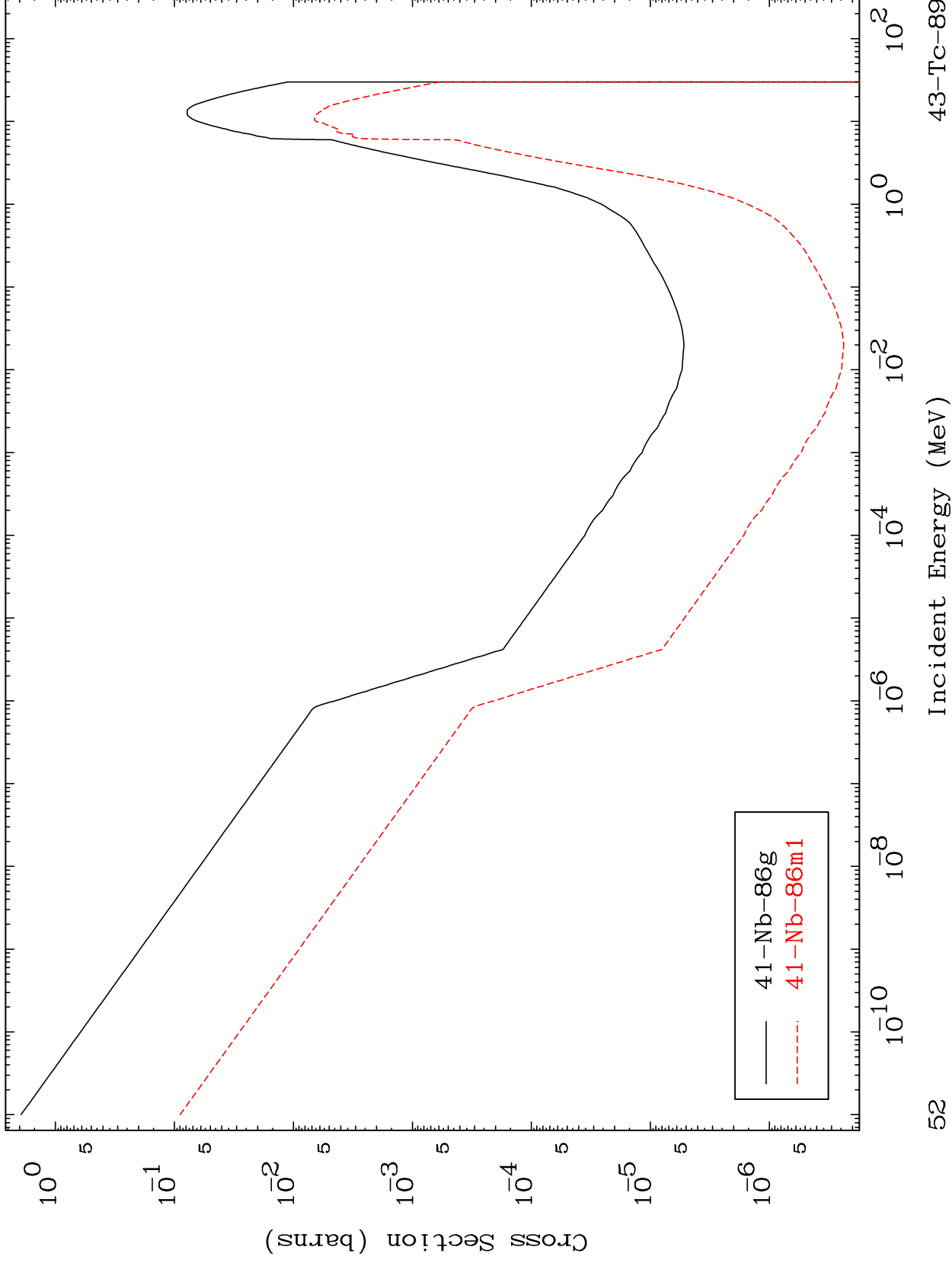


MAT 4295

(n,  $\alpha$ )

43-Tc-89

Radionuclide Production Cross Section

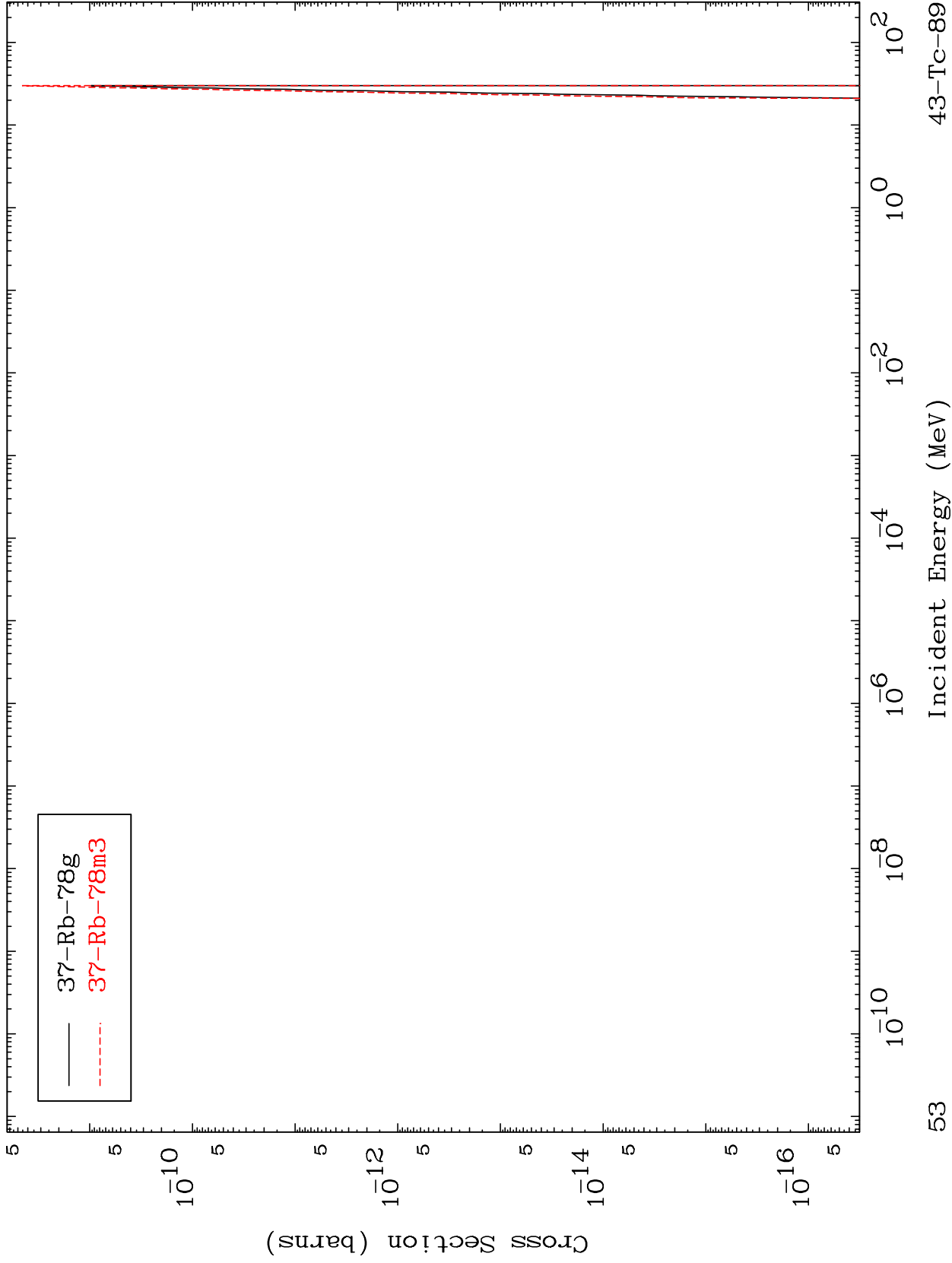


MAT 4295

(n,3 $\alpha$ )

43-Tc-89

Radionuclide Production Cross Section



53

Incident Energy (MeV)

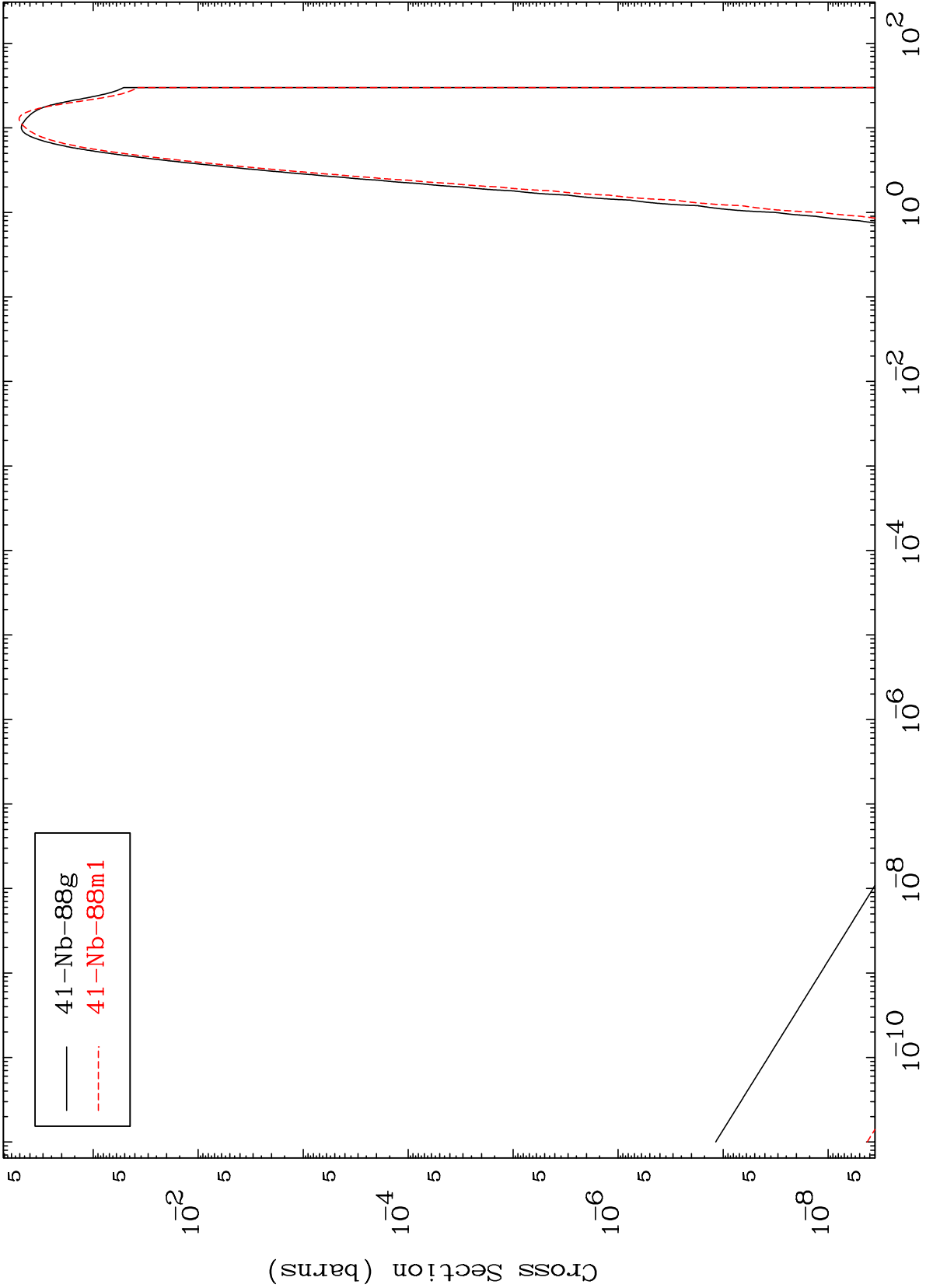
43-Tc-89

MAT 4295

(n,2p)

43-Tc-89

Radionuclide Production Cross Section



54

Incident Energy (MeV)

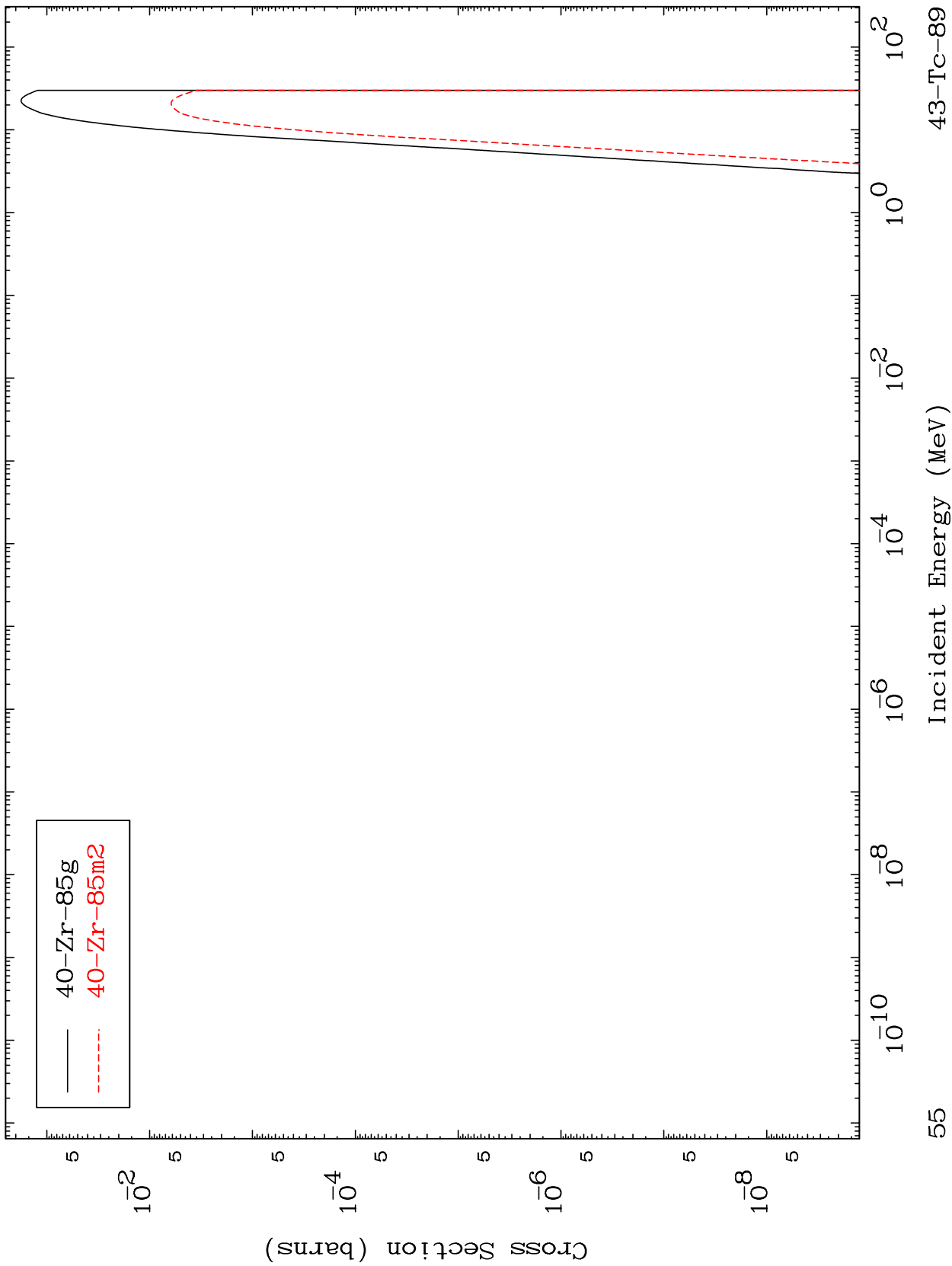
43-Tc-89

MAT 4295

(n,p)  $\alpha$

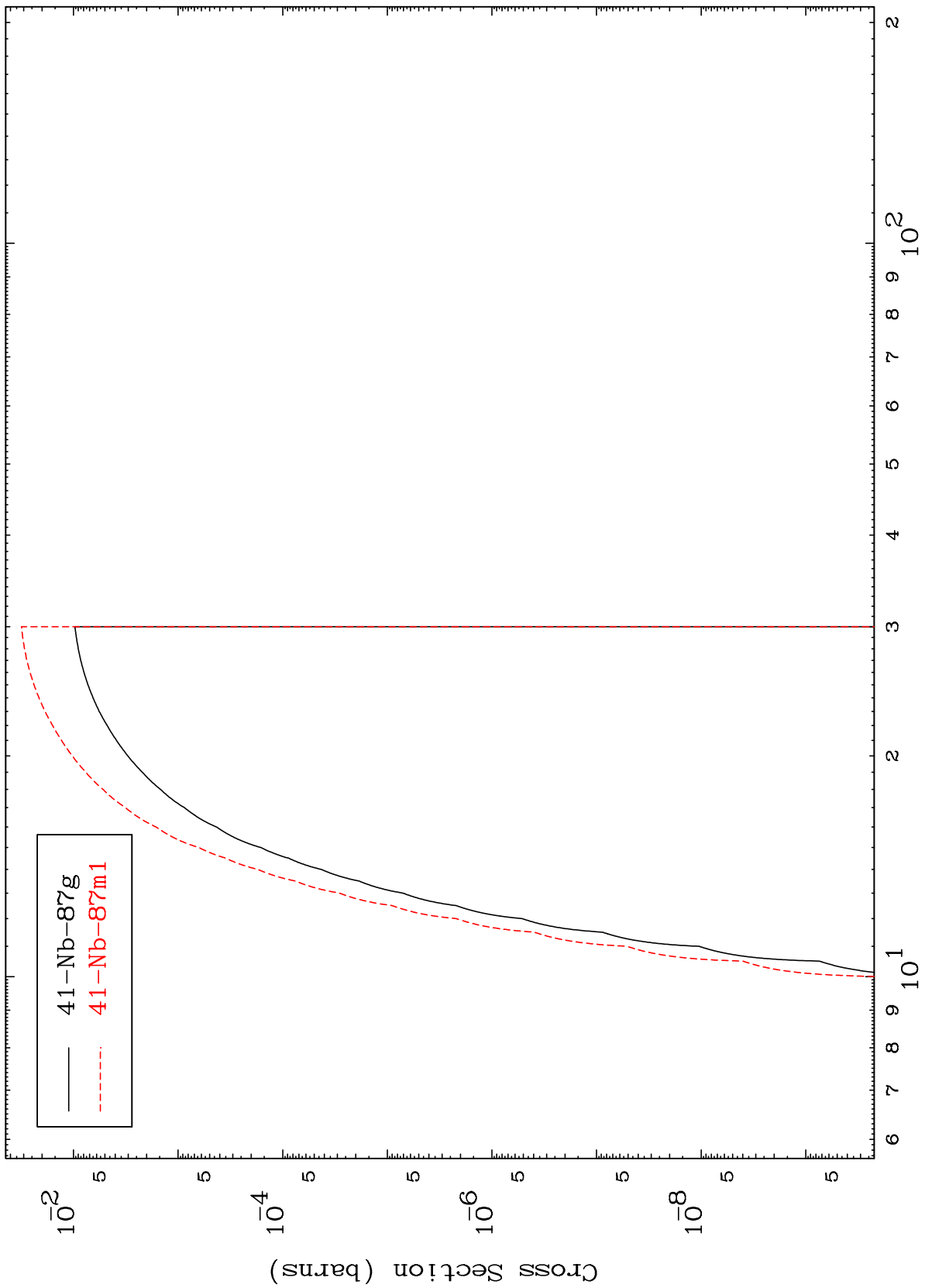
43-Tc-89

Radionuclide Production Cross Section





Radionuclide Production Cross Section

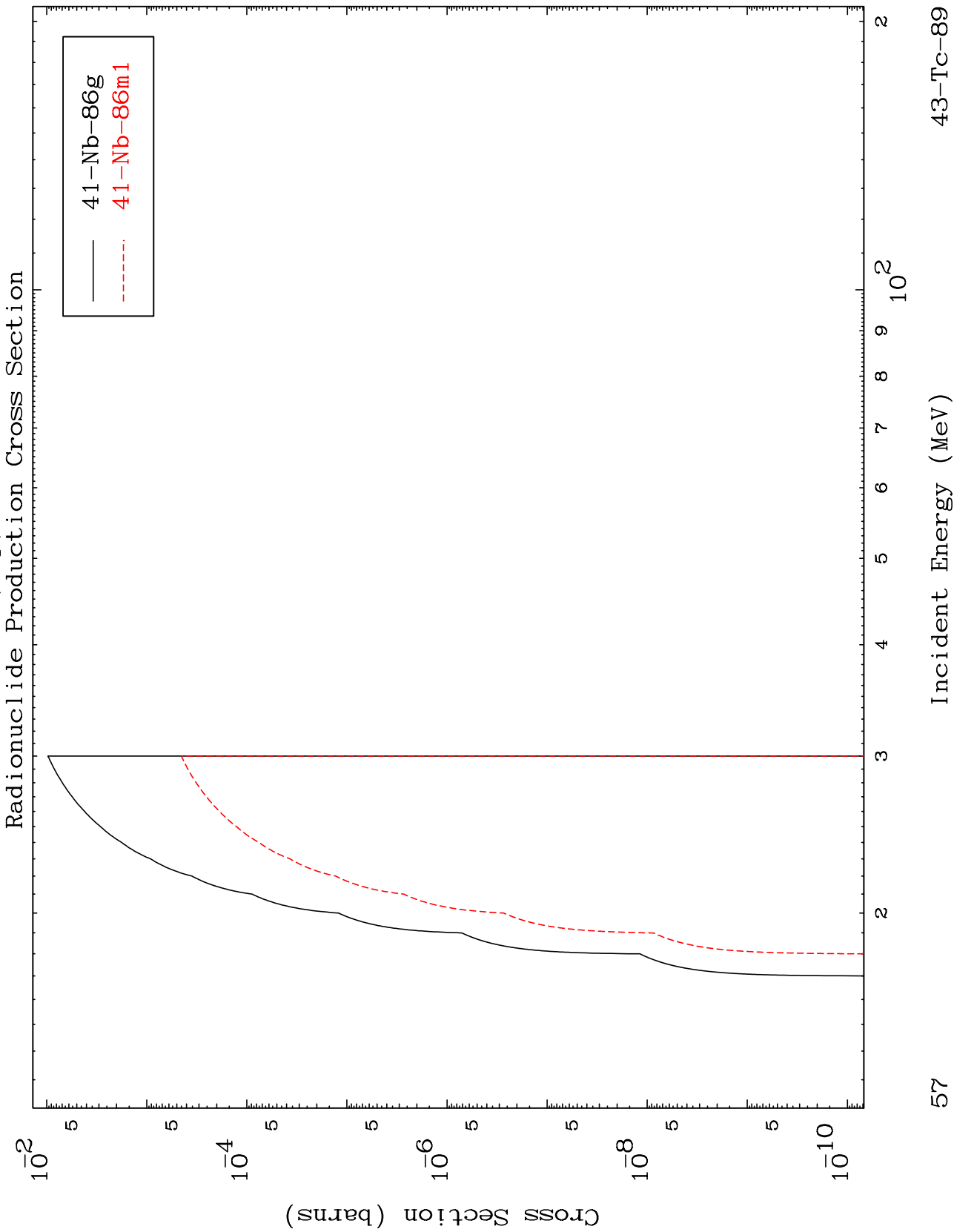


— 41-Nb-87g  
- - - 41-Nb-87m1

MAT 4295

(n,p) t

43-Tc-89



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43-Tc-89