

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

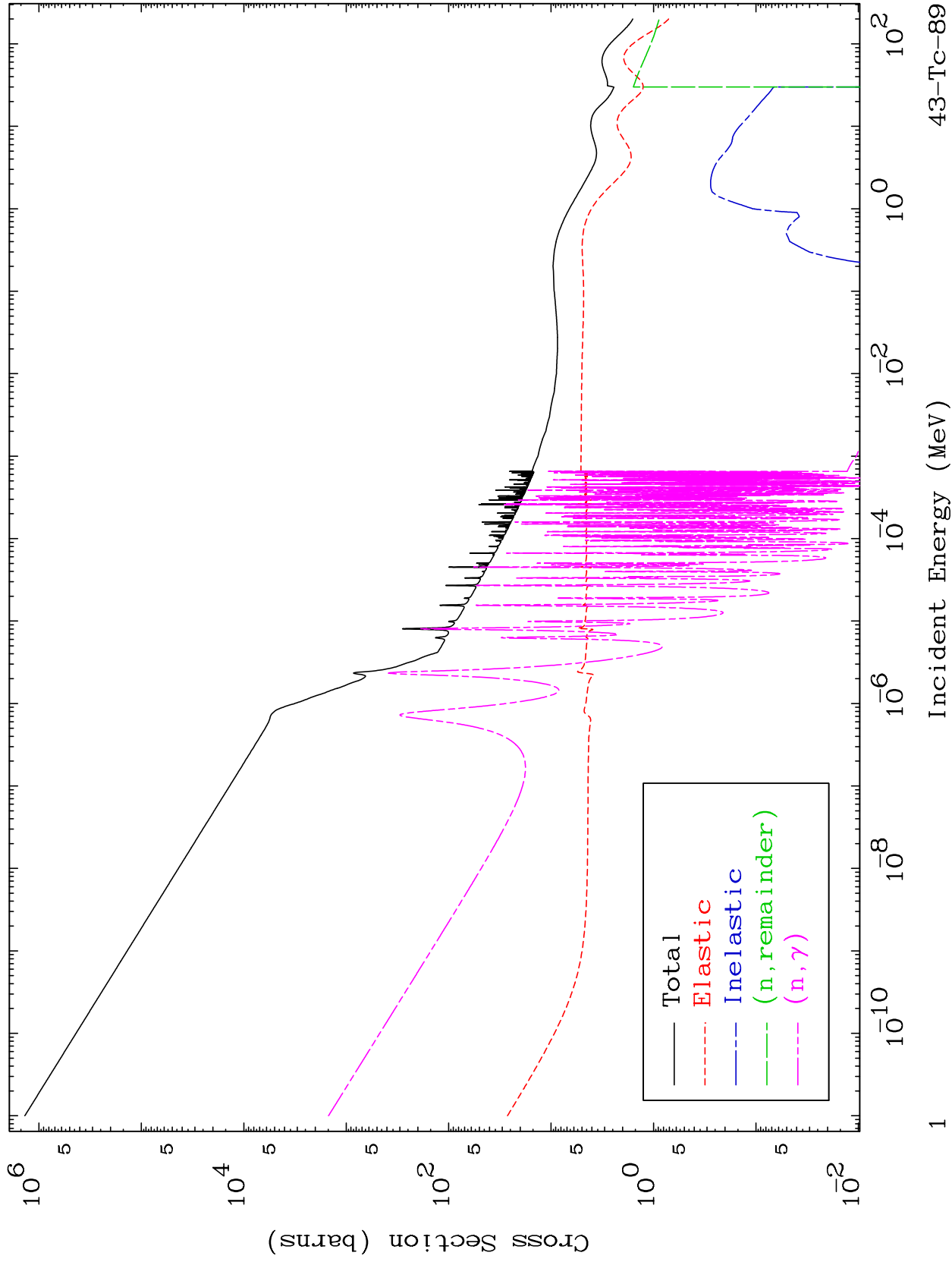
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4295

Major  
293 Kelvin Cross Sections

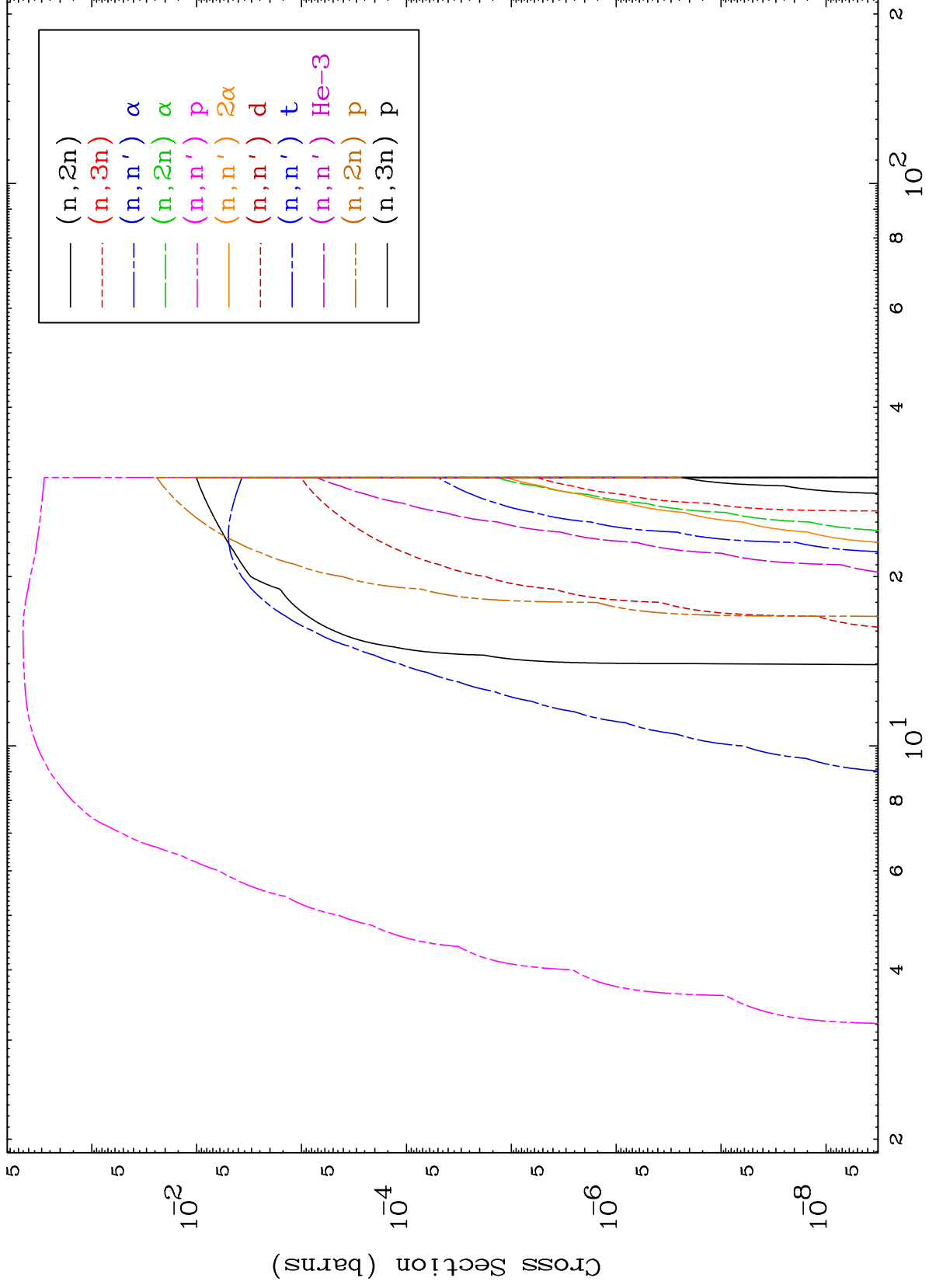
43-Tc-89



MAT 4295

Neutron Production  
293 Kelvin Cross Sections

43-Tc-89



43-Tc-89

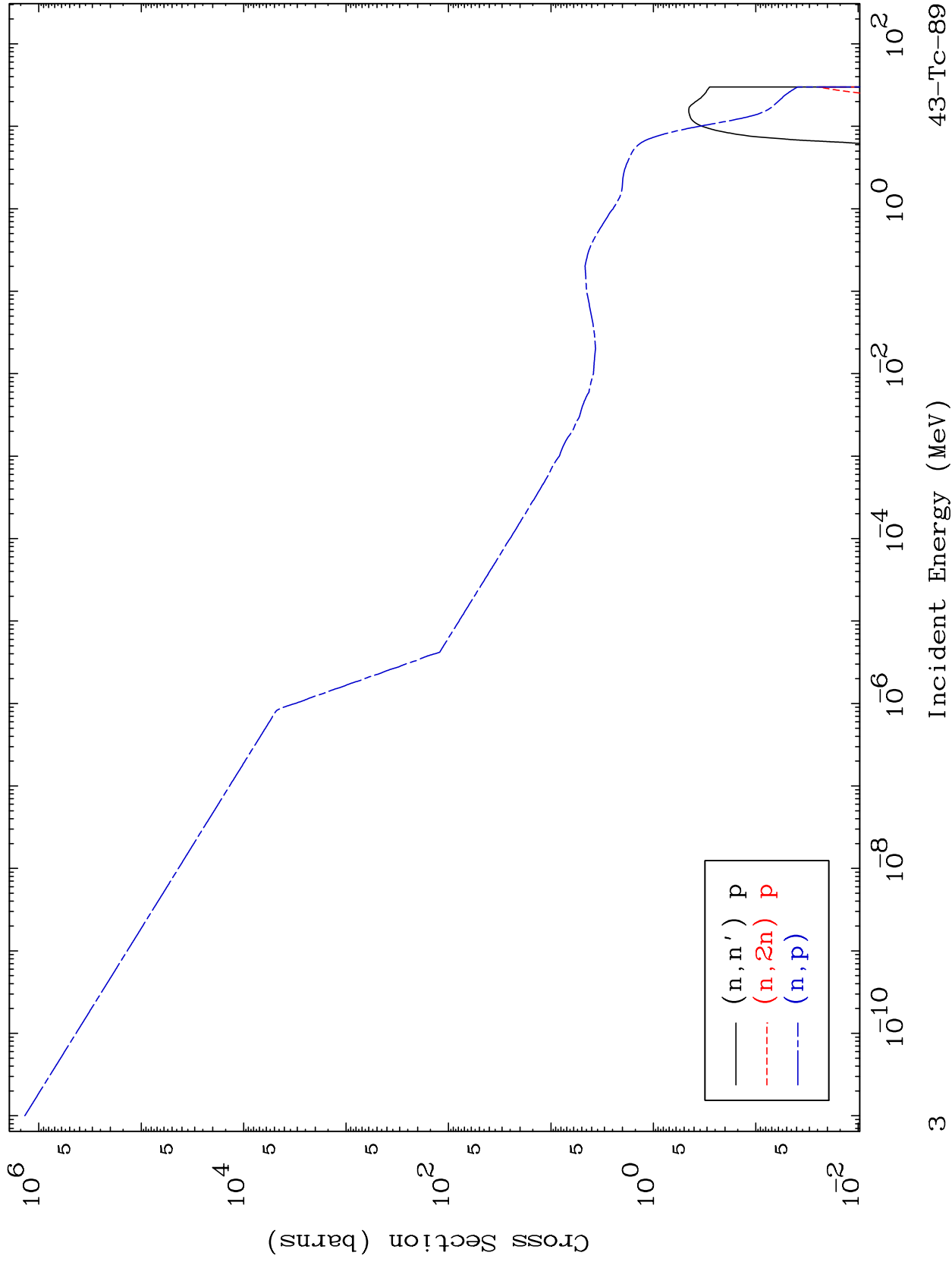
Incident Energy (MeV)

2

MAT 4295

Charged Particle  
293 Kelvin Cross Sections

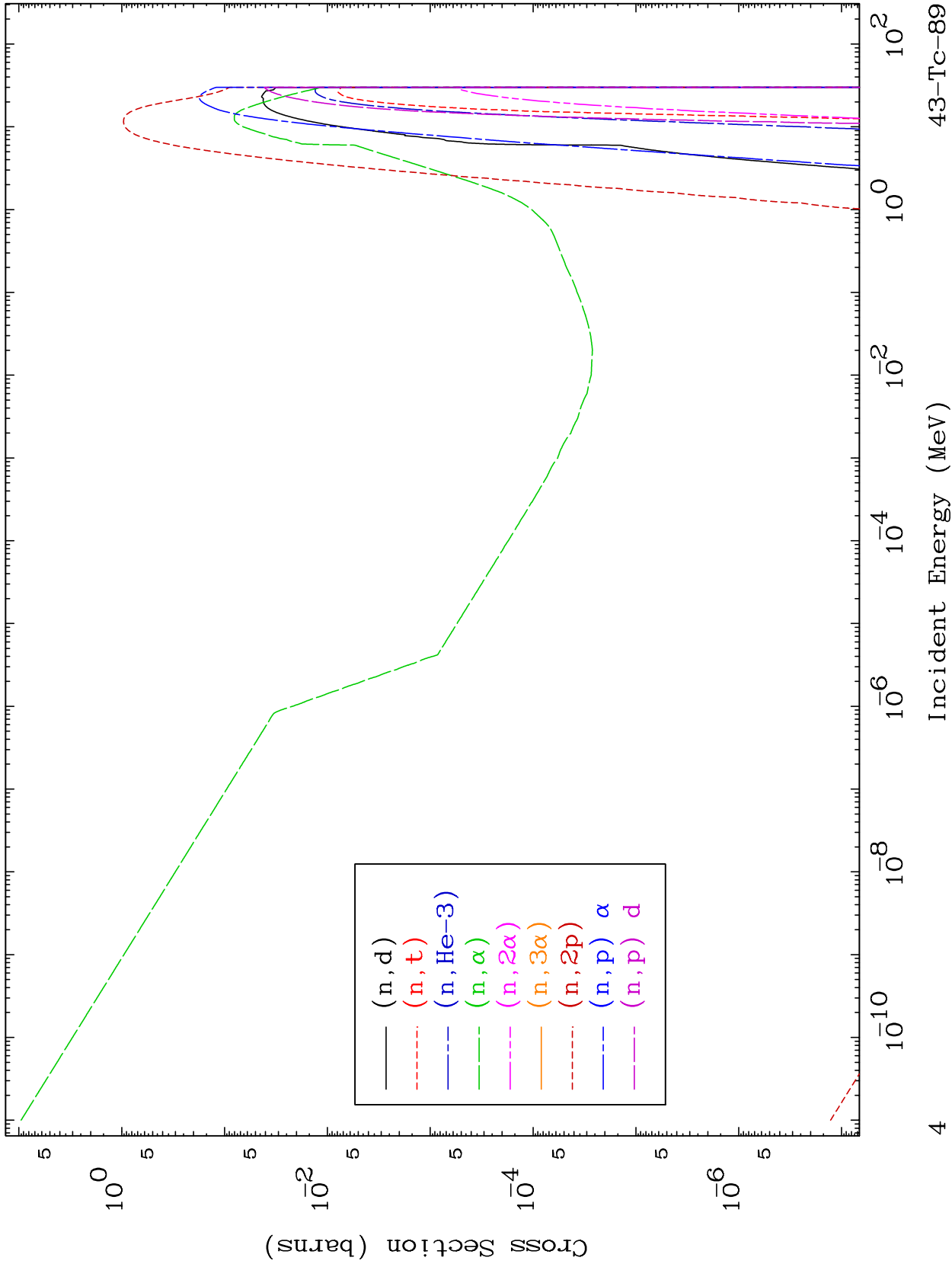
43-Tc-89



MAT 4295

Charged Particle  
293 Kelvin Cross Sections

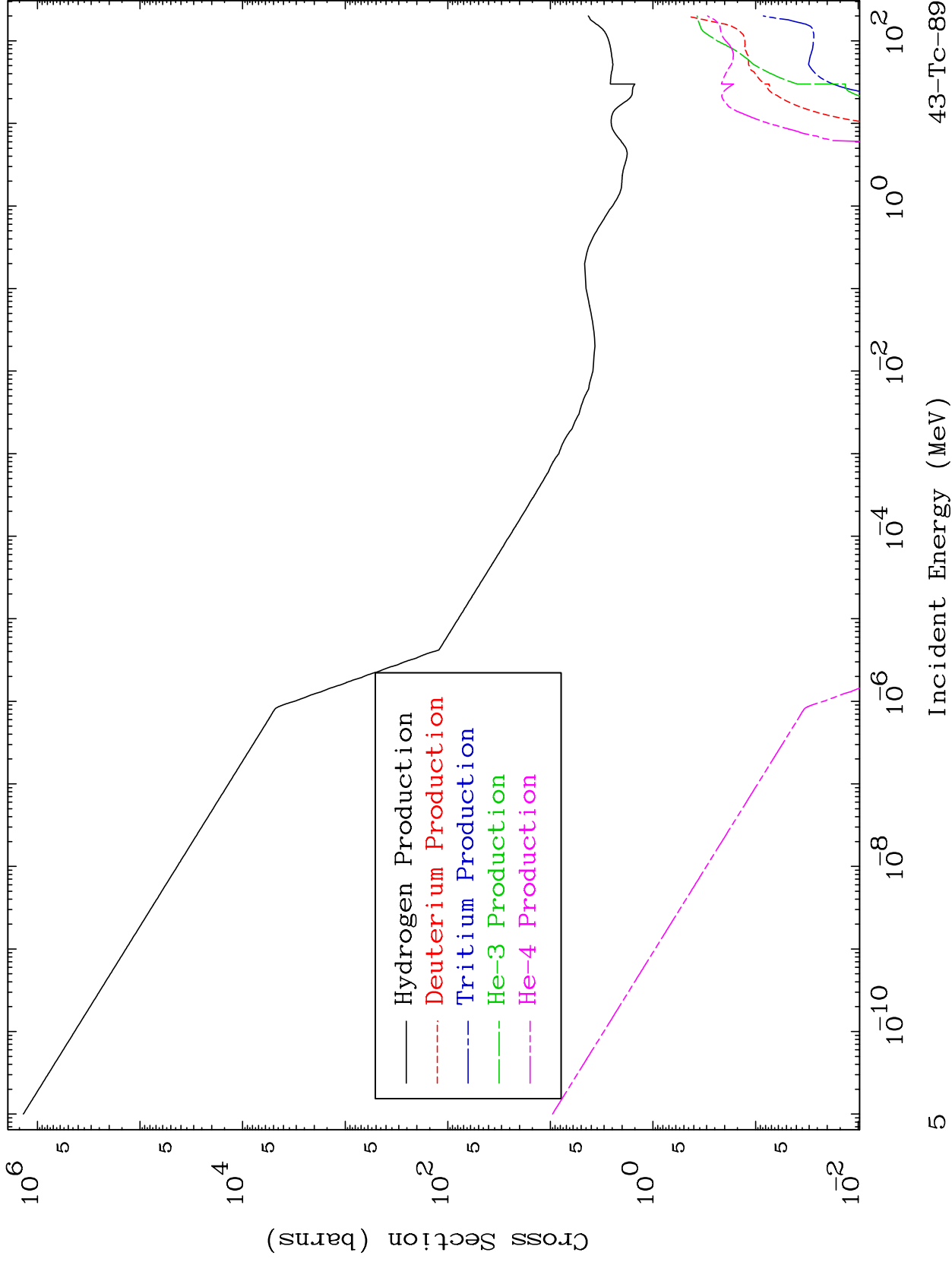
43-Tc-89



MAT 4295

Particle Production  
293 Kelvin Cross Sections

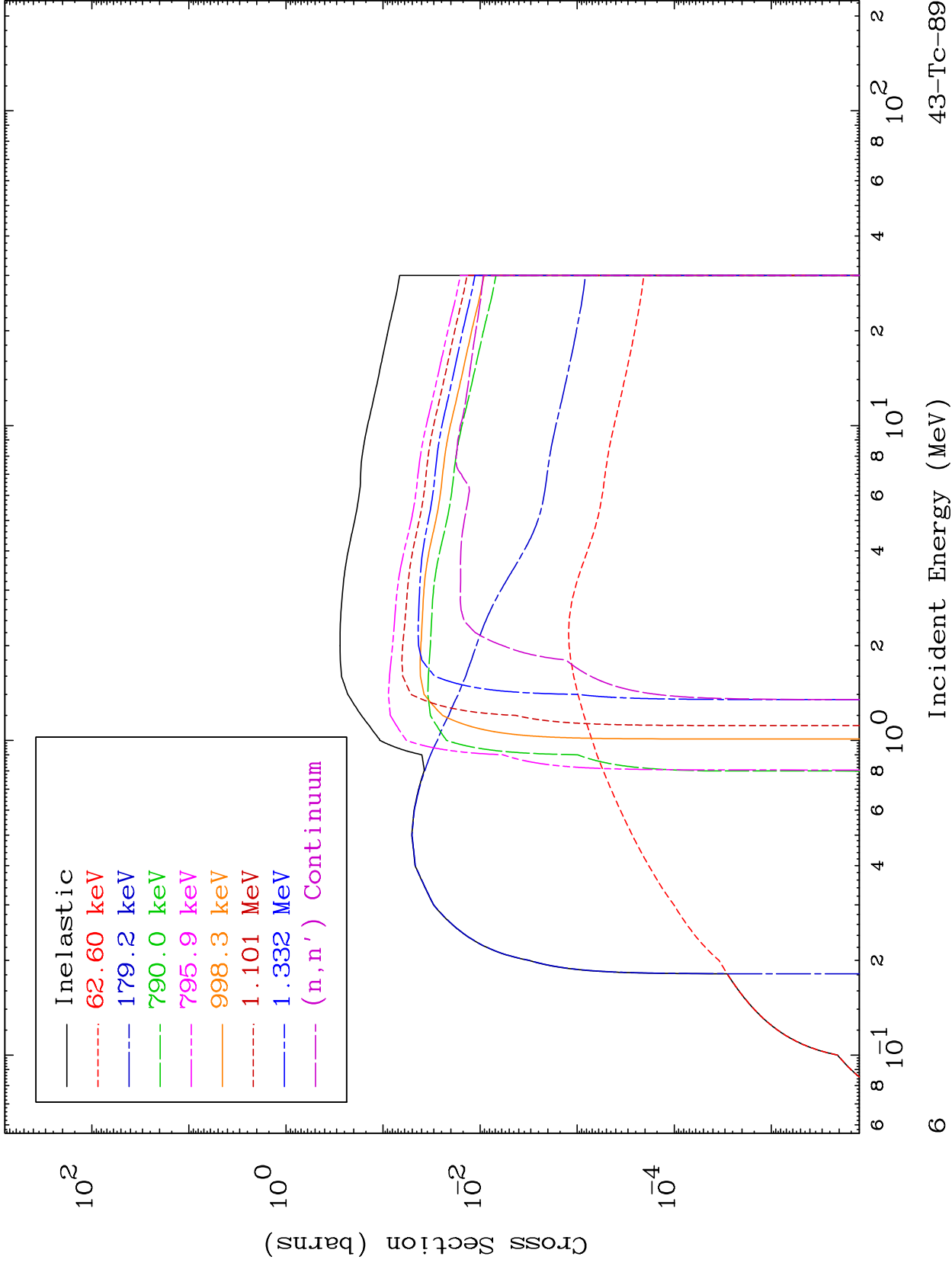
43-Tc-89



MAT 4295

(n,n') Level  
293 Kelvin Cross Sections

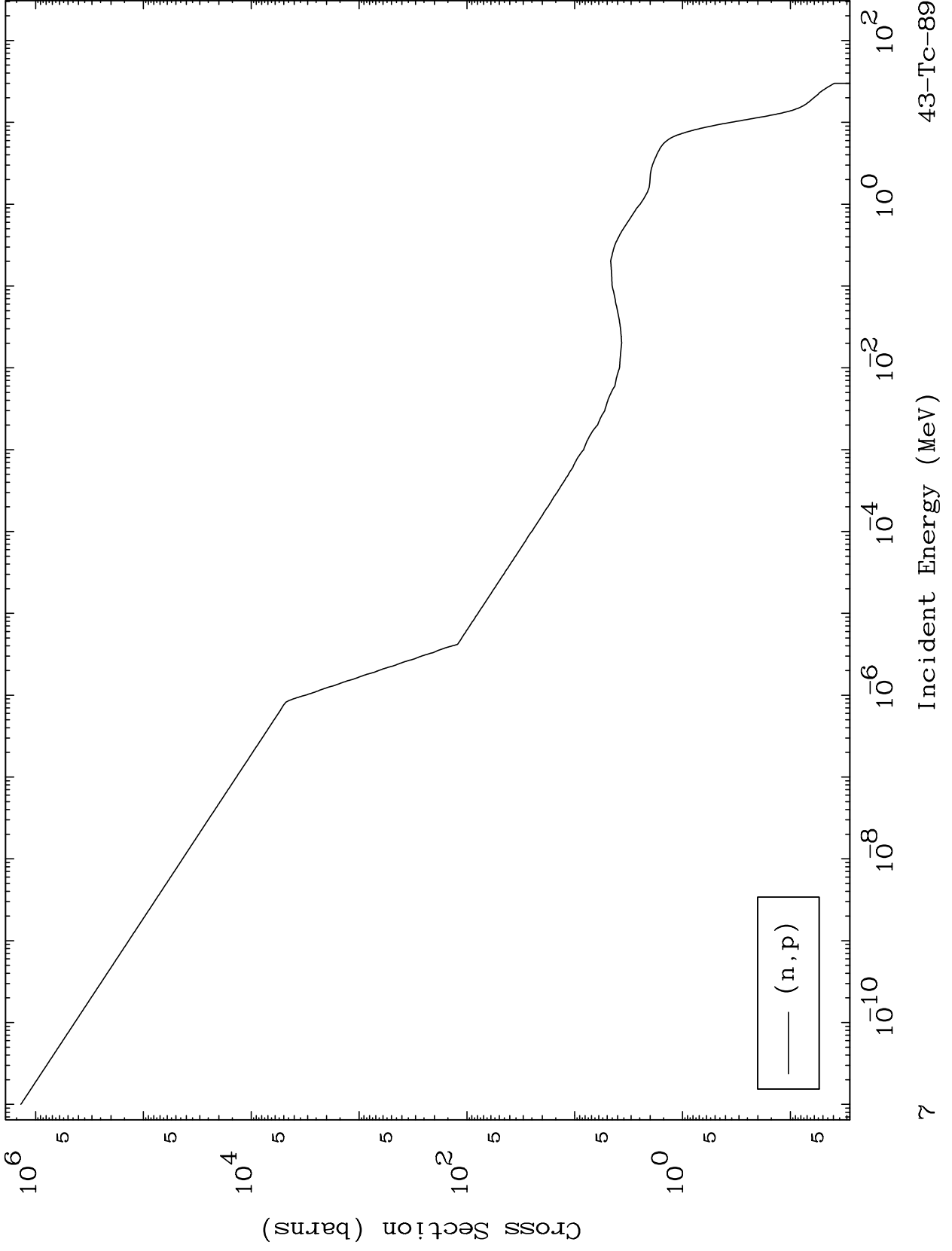
43-Tc-89



MAT 4295

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-89

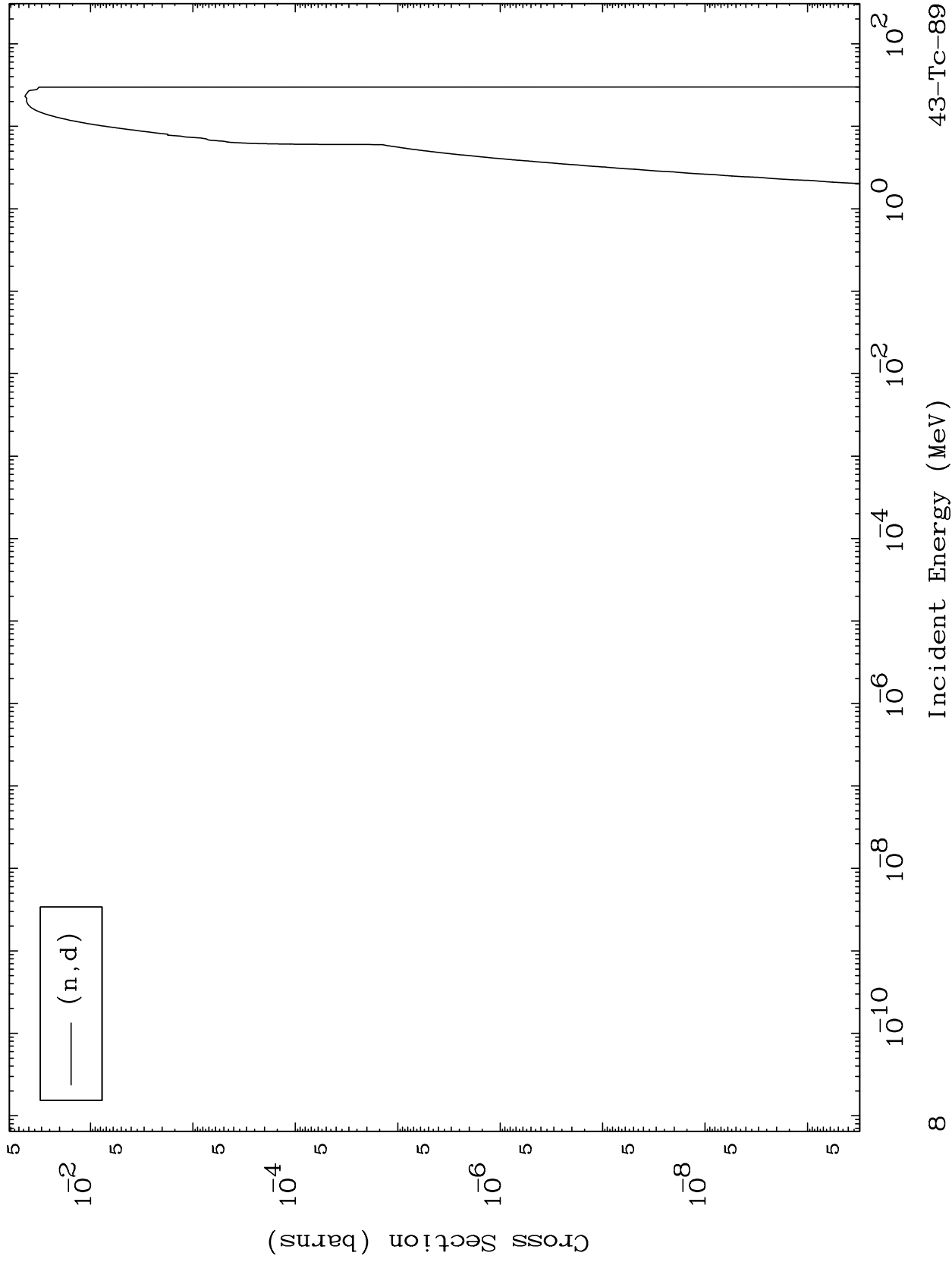




MAT 4295

(n,d) Levels  
293 Kelvin Cross Sections

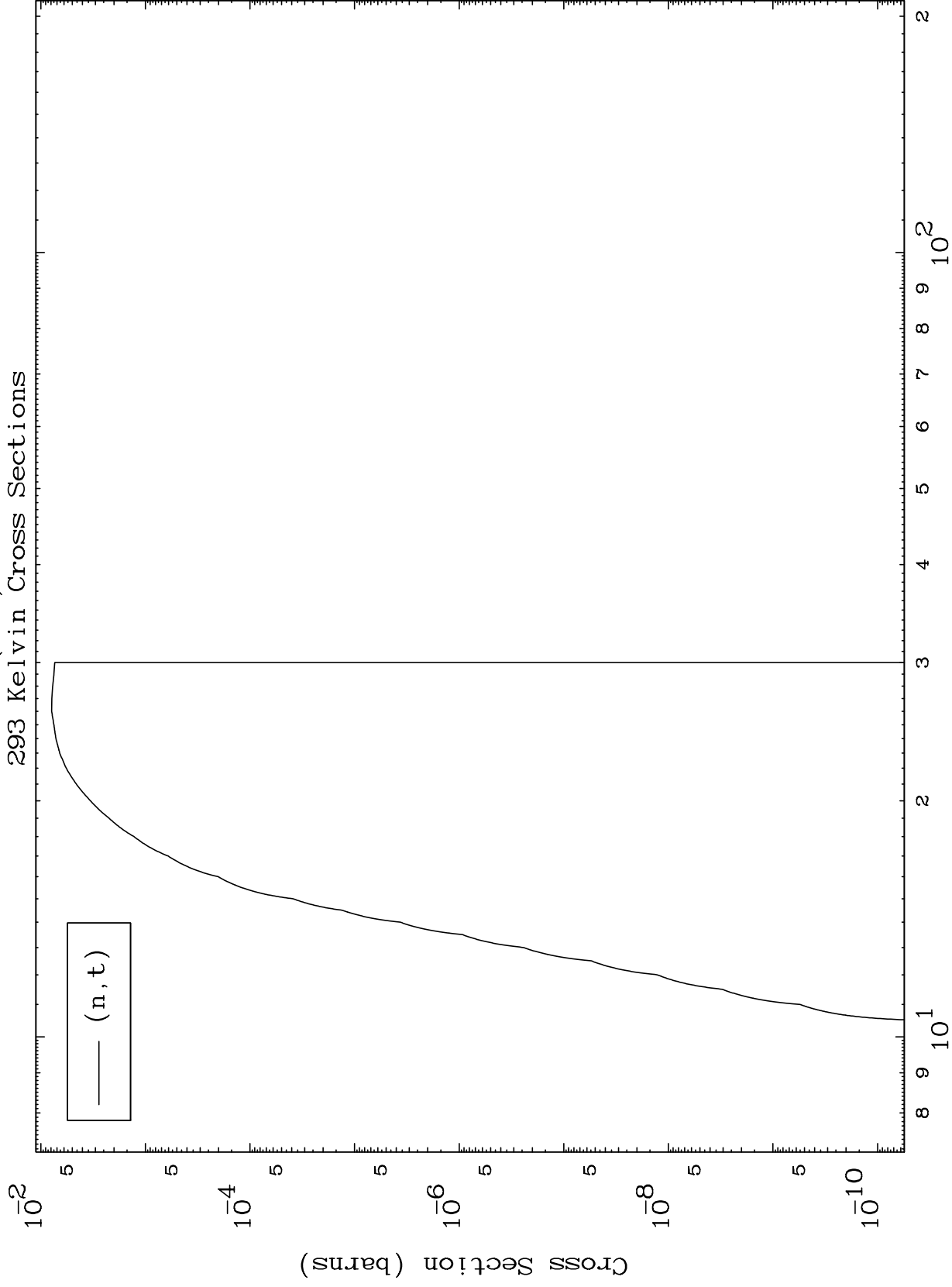
43-Tc-89



MAT 4295

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-89



9

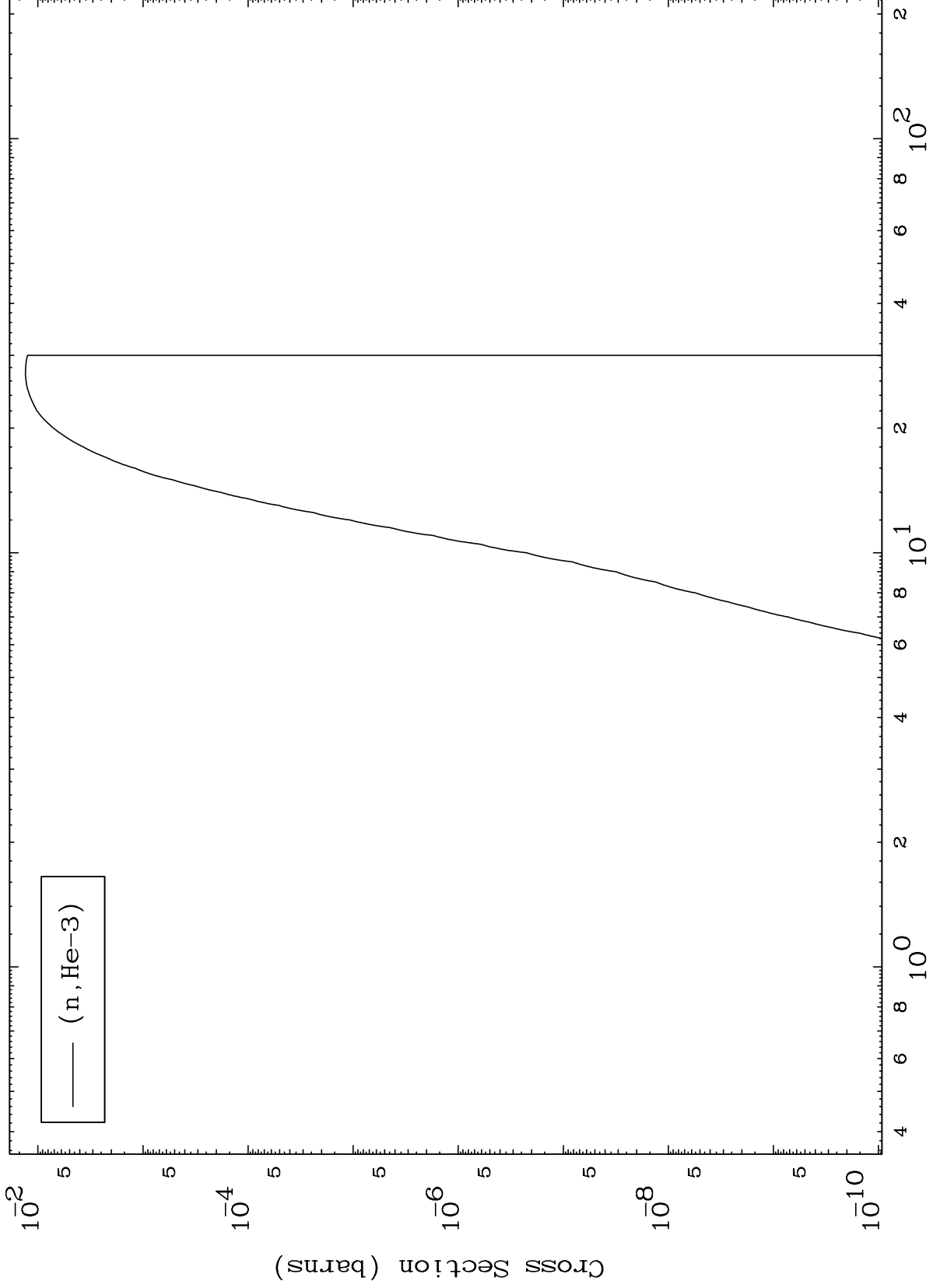
Incident Energy (MeV)

43-Tc-89

MAT 4295

(n,He3) Levels  
293 Kelvin Cross Sections

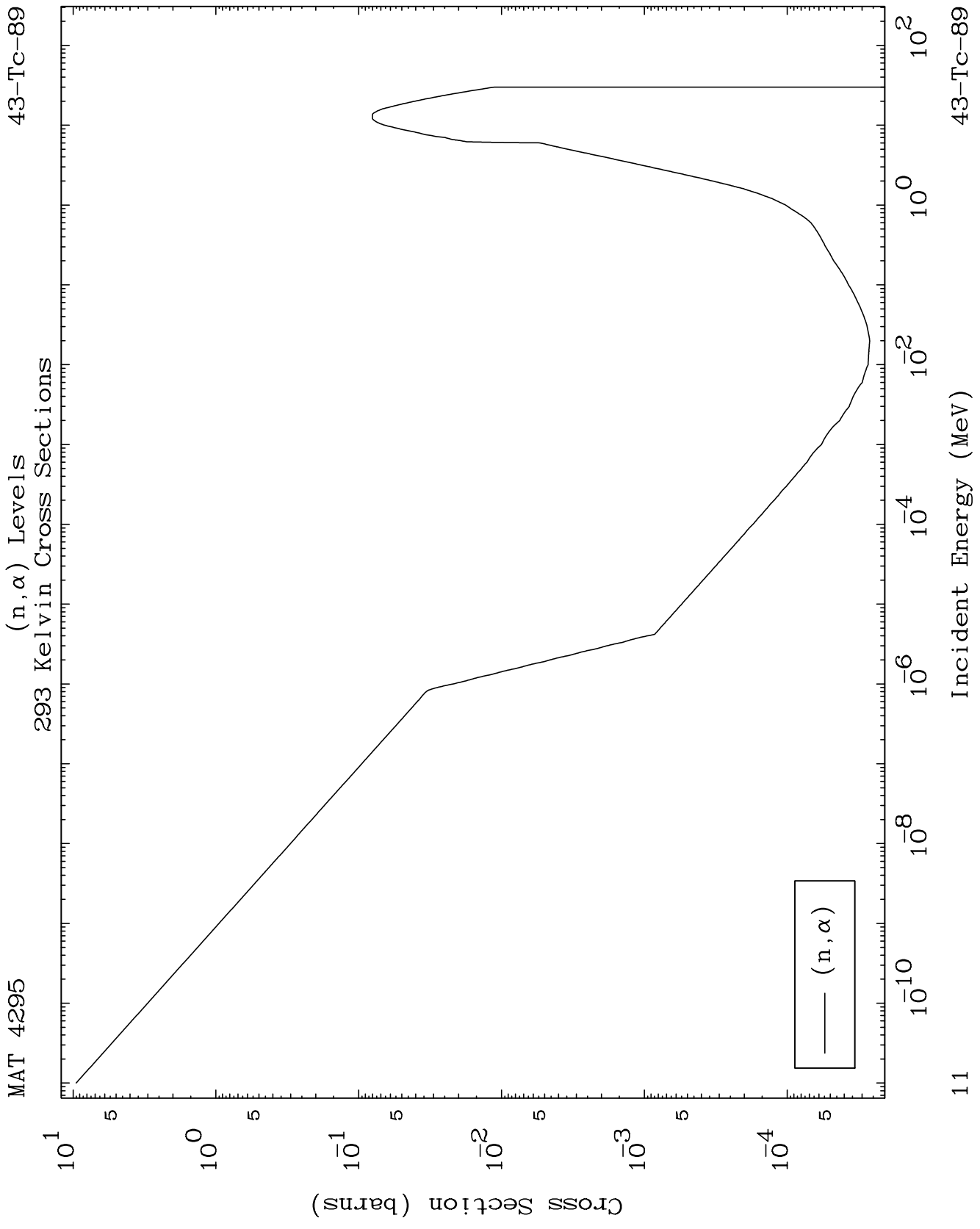
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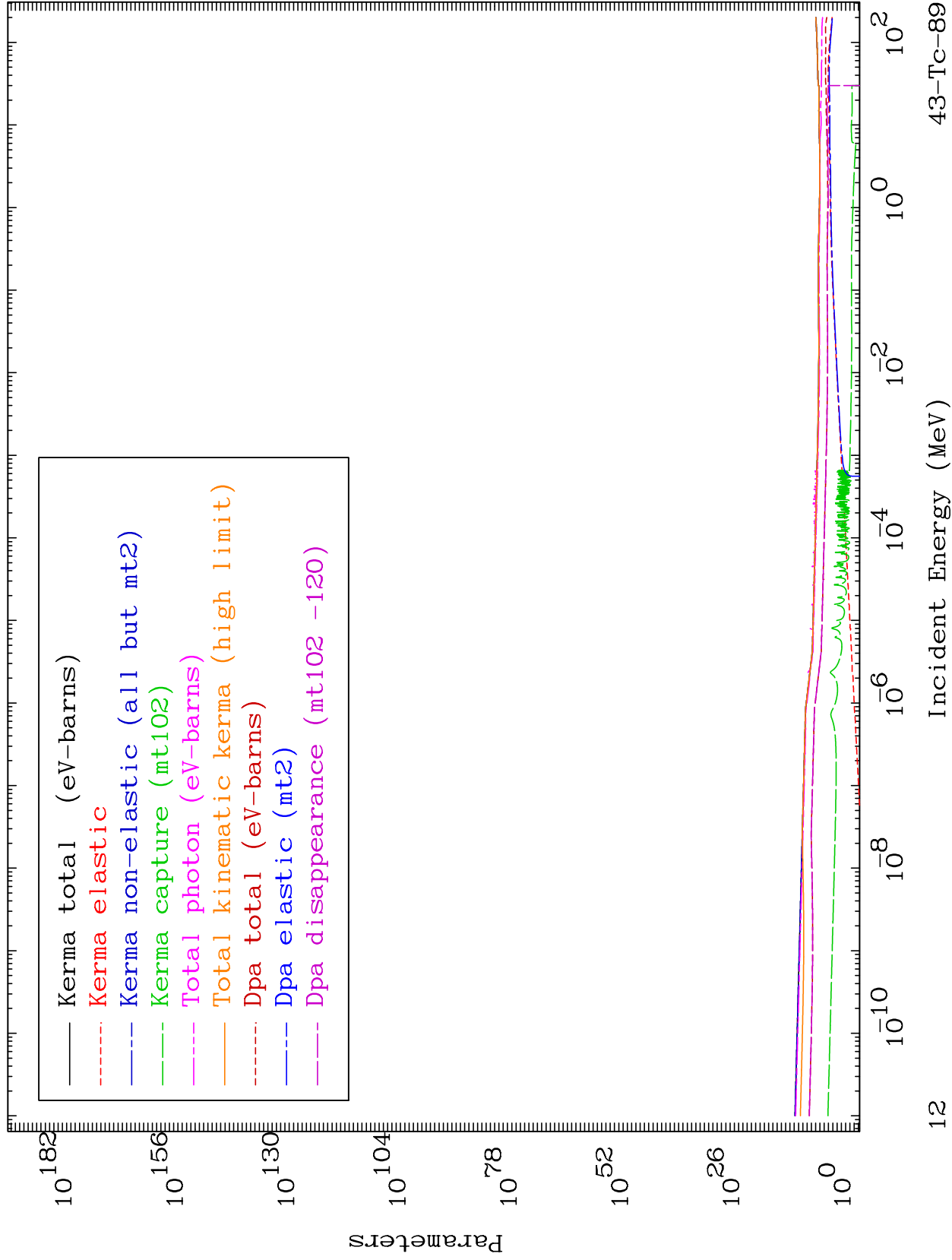


10

Incident Energy (MeV)

43-Tc-89

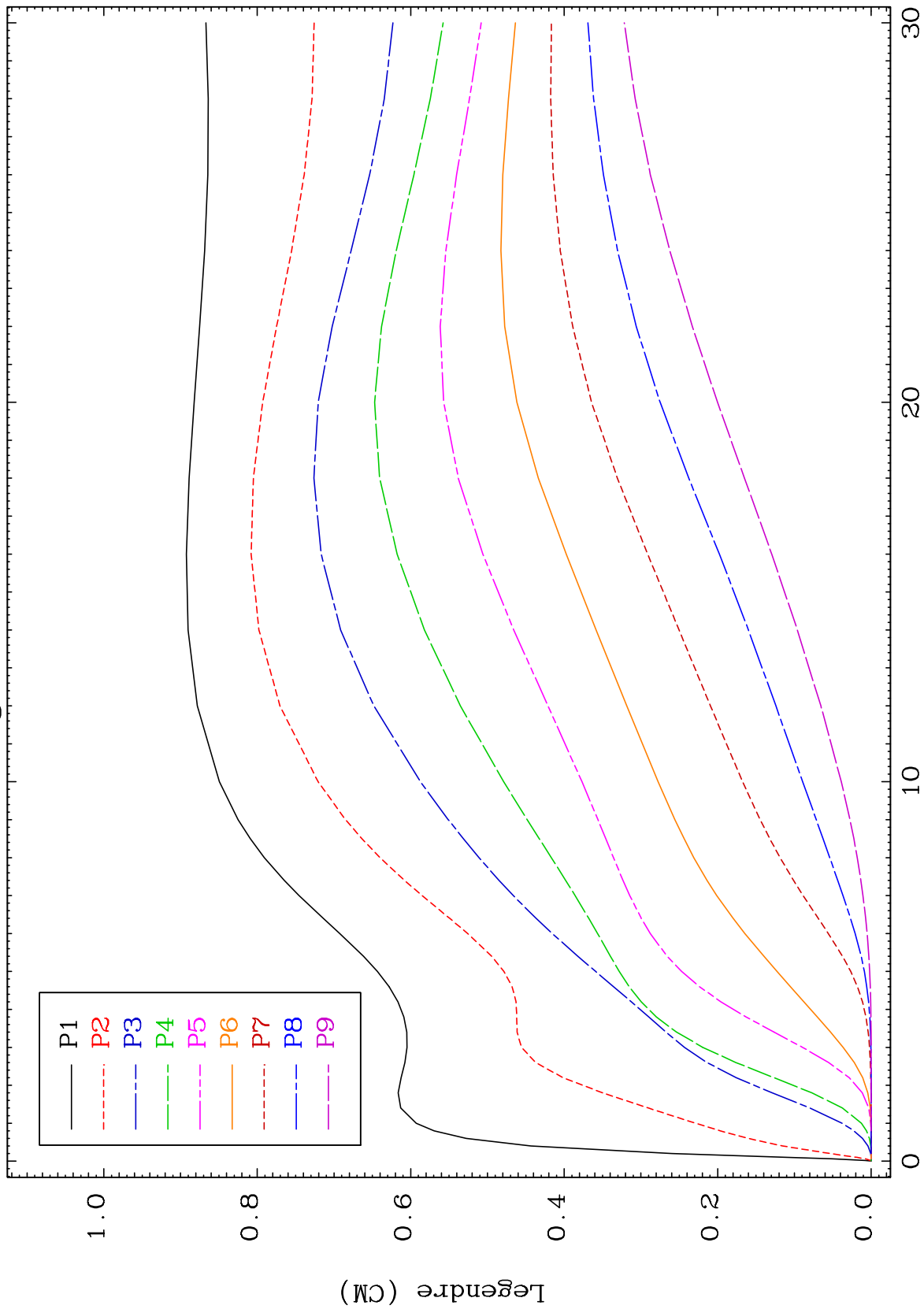




MAT 4295

Elastic Legendre Coefficients

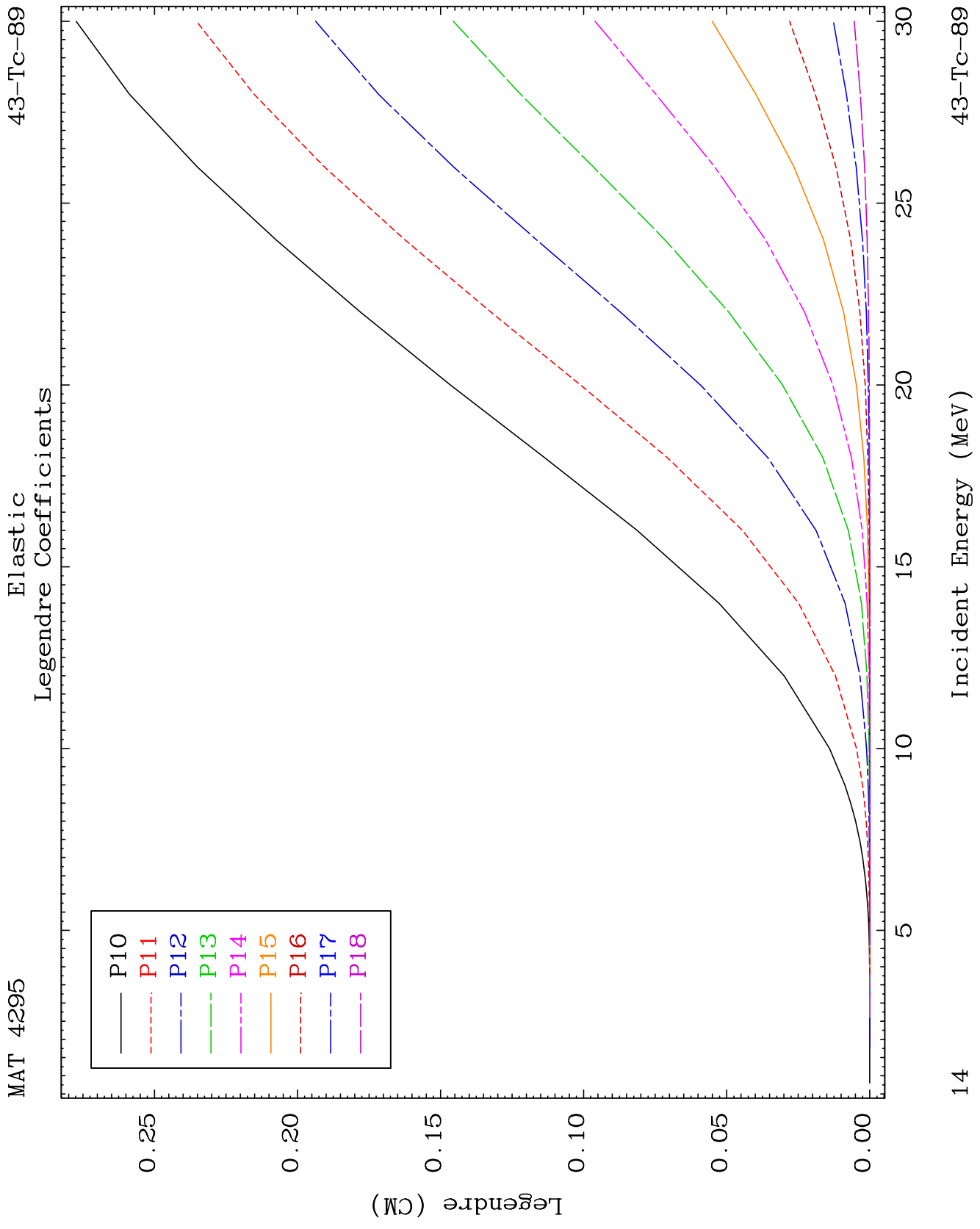
43-Tc-89



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Incident Energy (MeV)

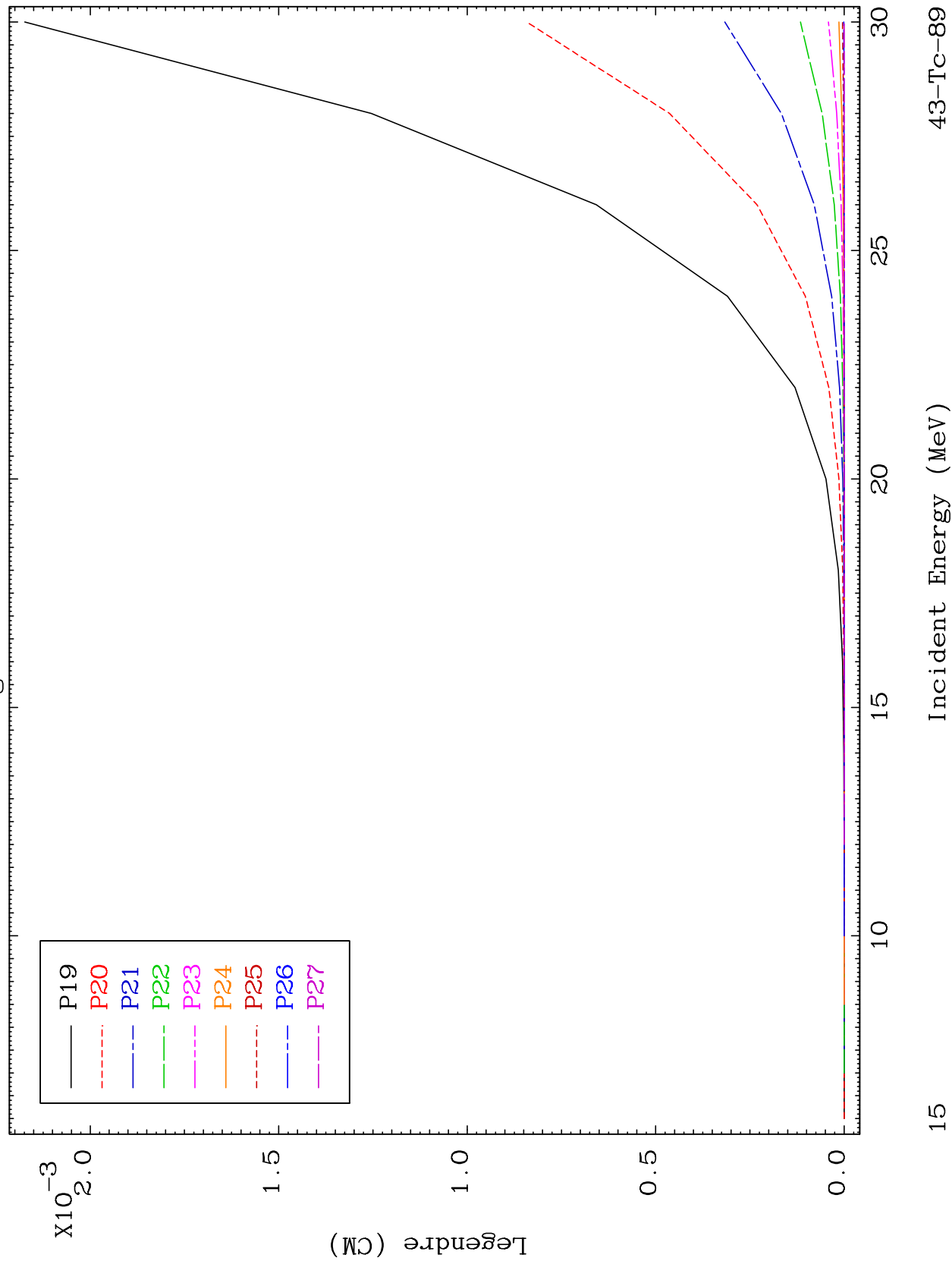
43-Tc-89



MAT 4295

Elastic Legendre Coefficients

43-Tc-89

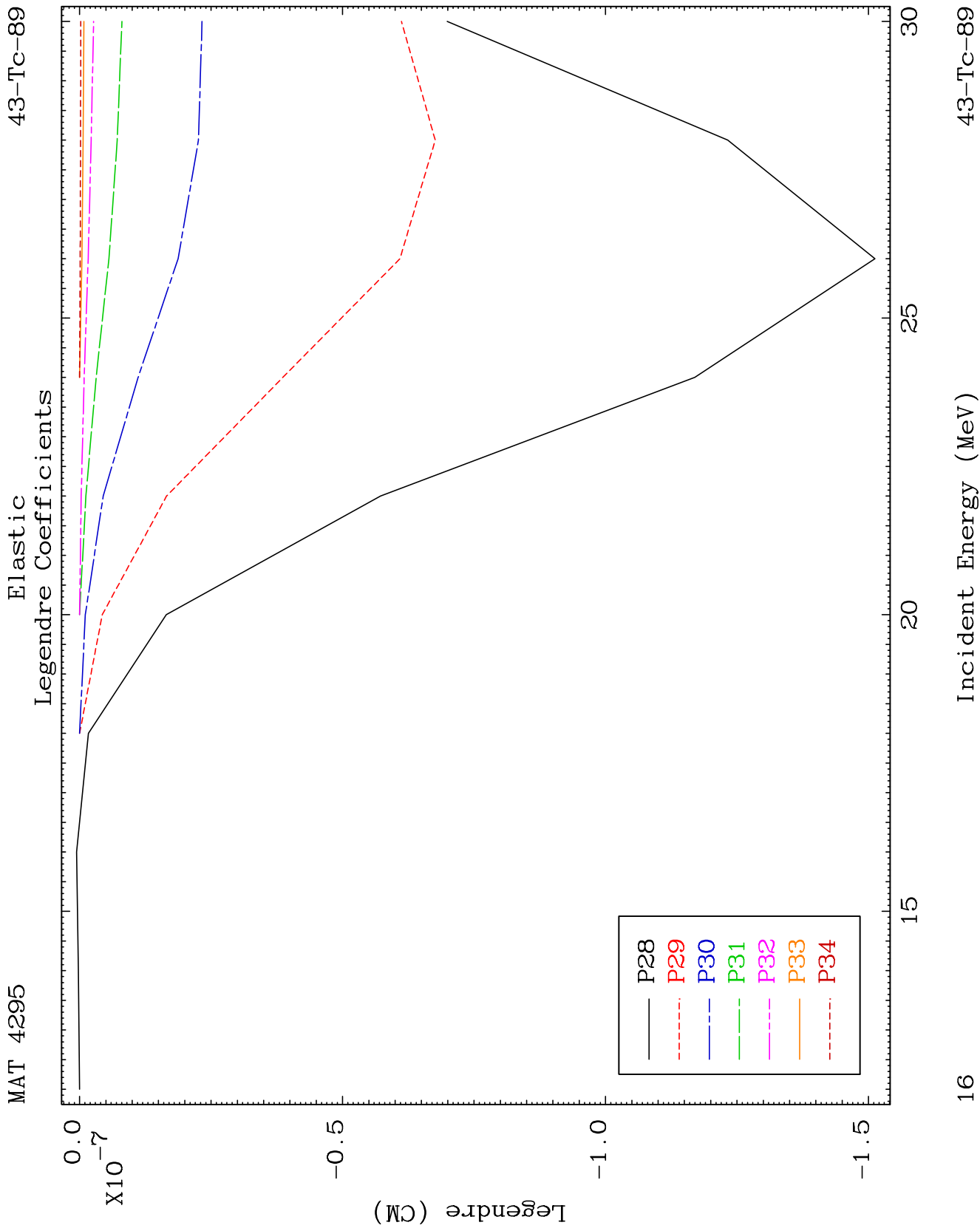


15

Incident Energy (MeV)

43-Tc-89

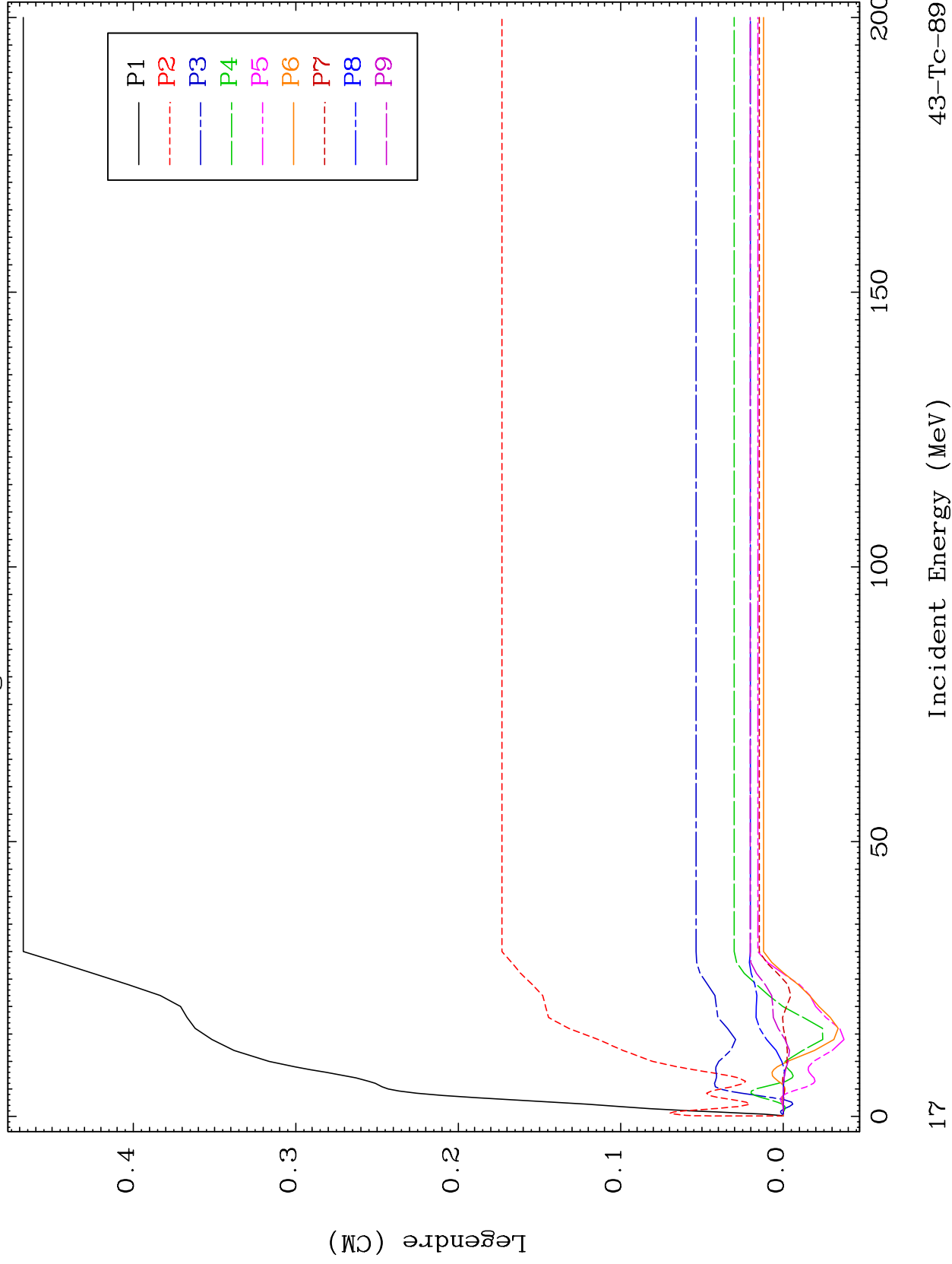




MAT 4295

62.60 keV (n,n') Level  
Legendre Coefficients

43-Tc-89



43-Tc-89

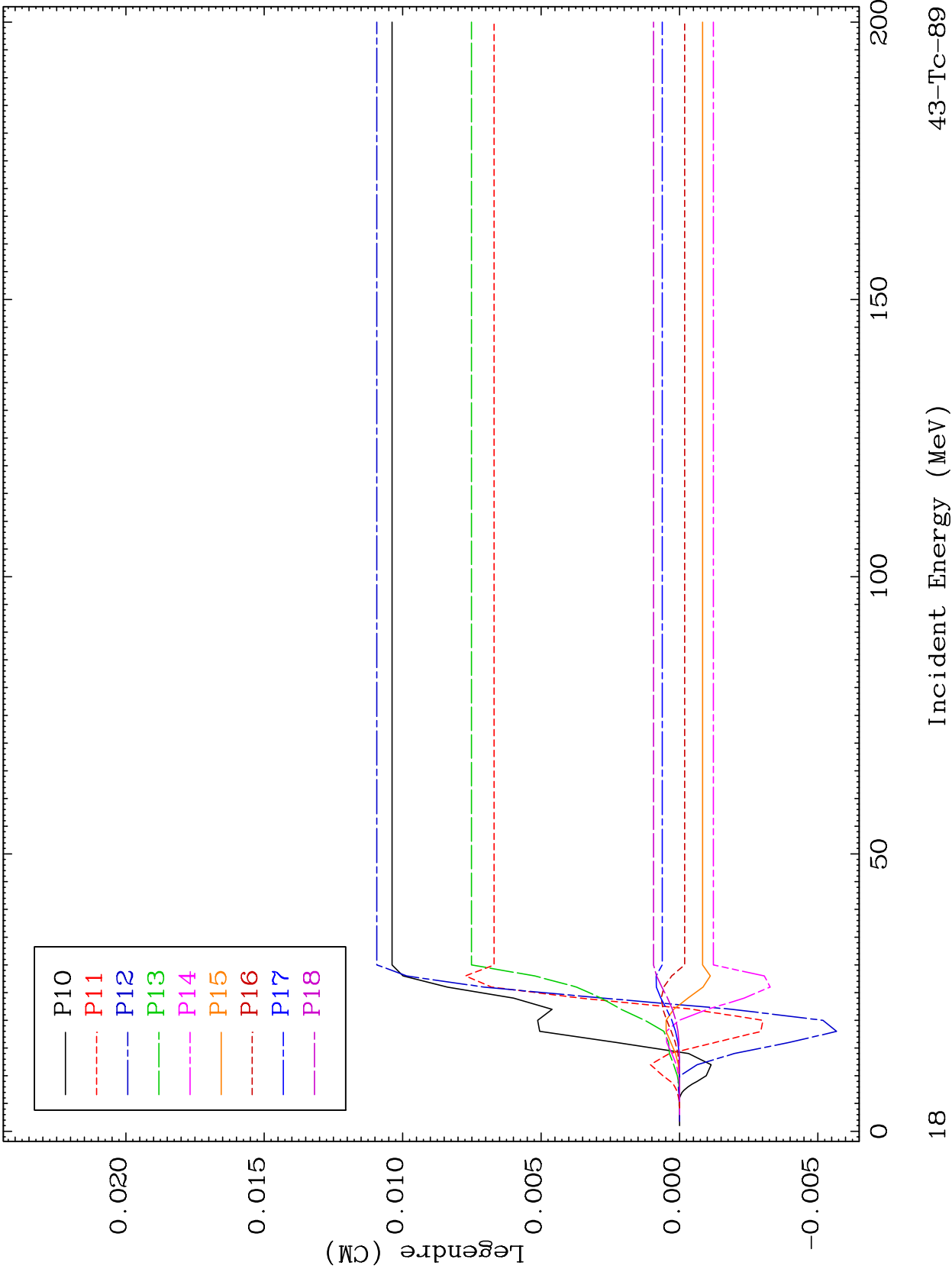
Incident Energy (MeV)

17

MAT 4295

62.60 keV (n,n') Level  
Legendre Coefficients

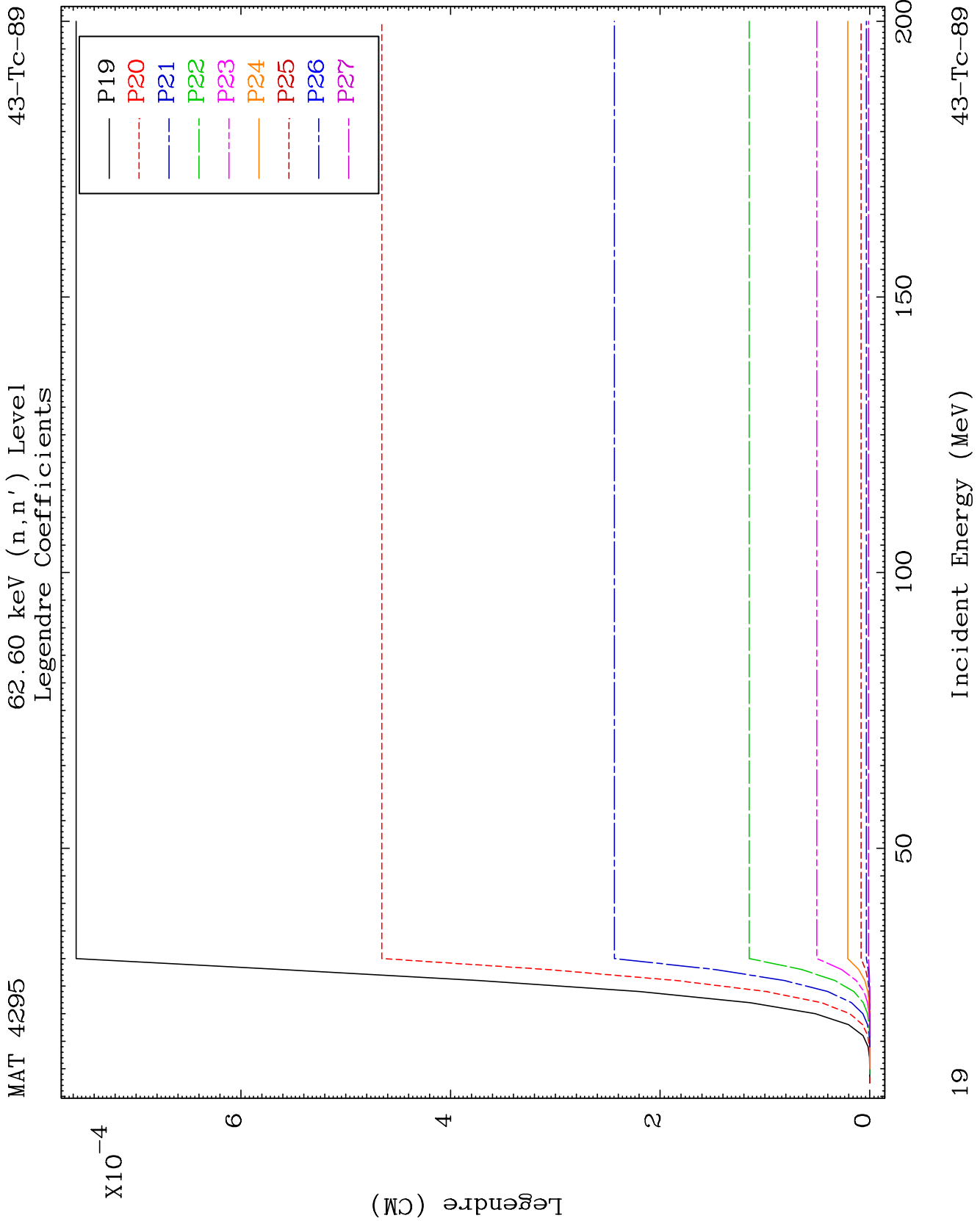
43-Tc-89



18

Incident Energy (MeV)

43-Tc-89

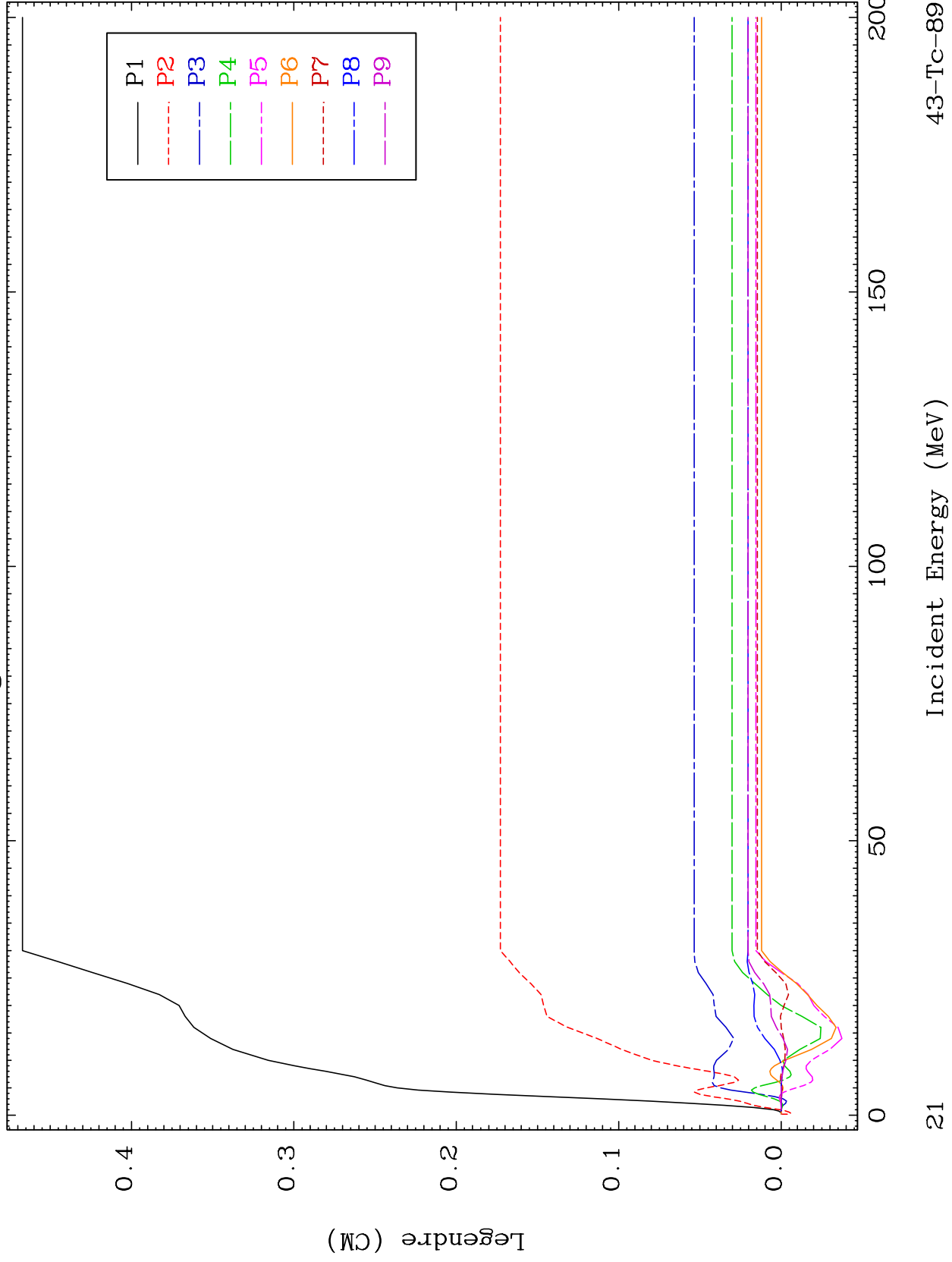


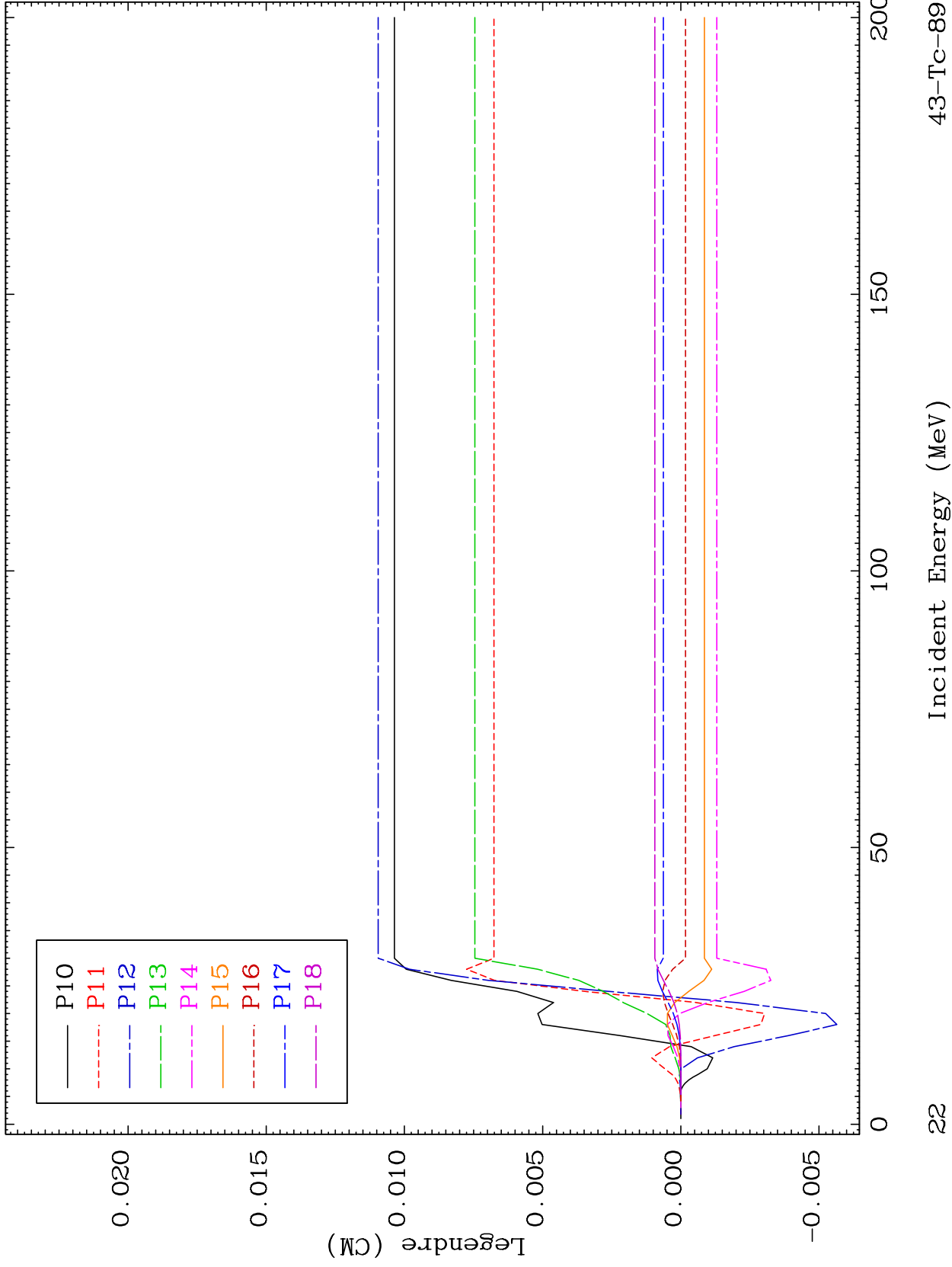


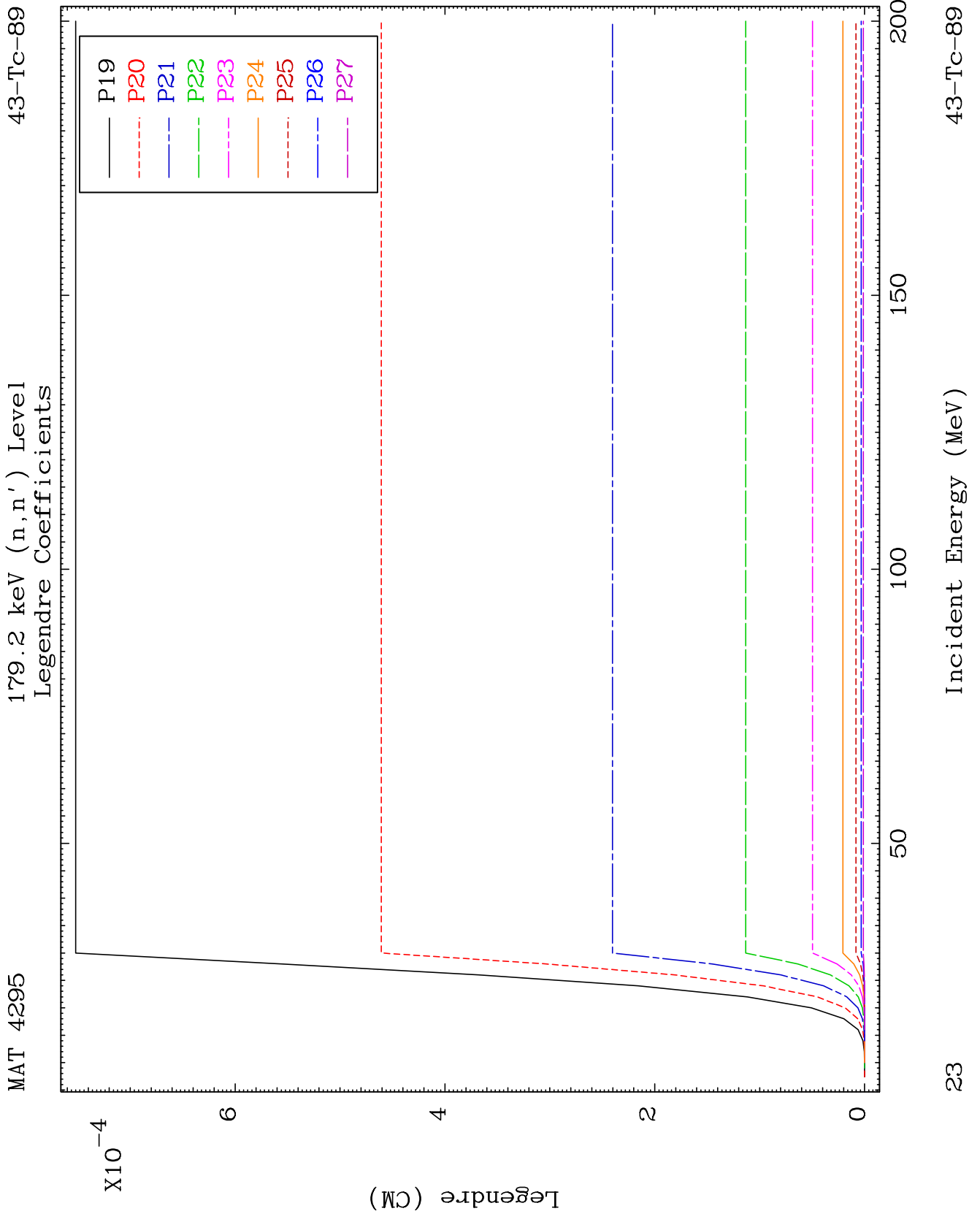
MAT 4295

179.2 keV (n,n') Level  
Legendre Coefficients

43-Tc-89





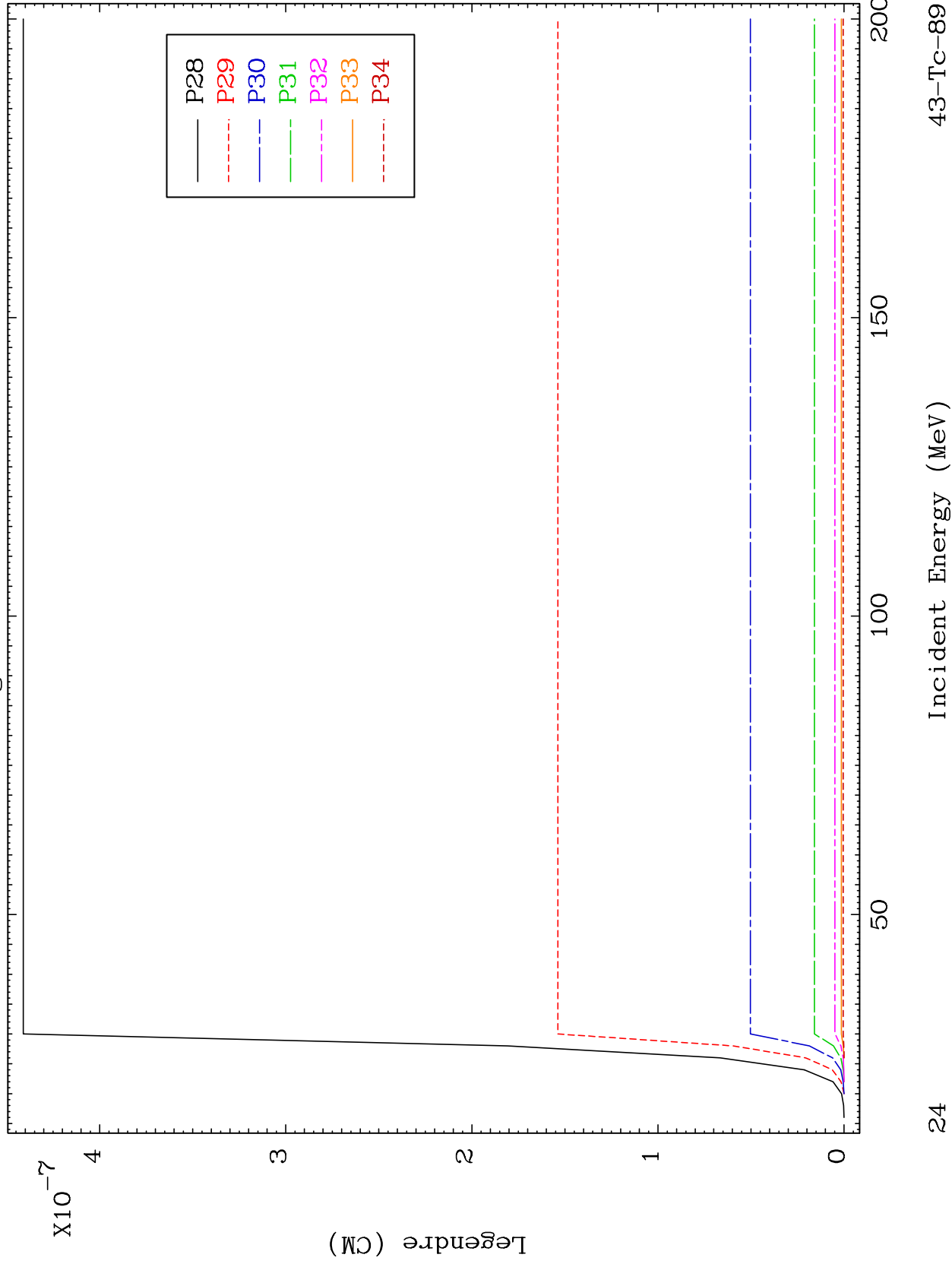




MAT 4295

179.2 keV (n,n') Level  
Legendre Coefficients

43-Tc-89

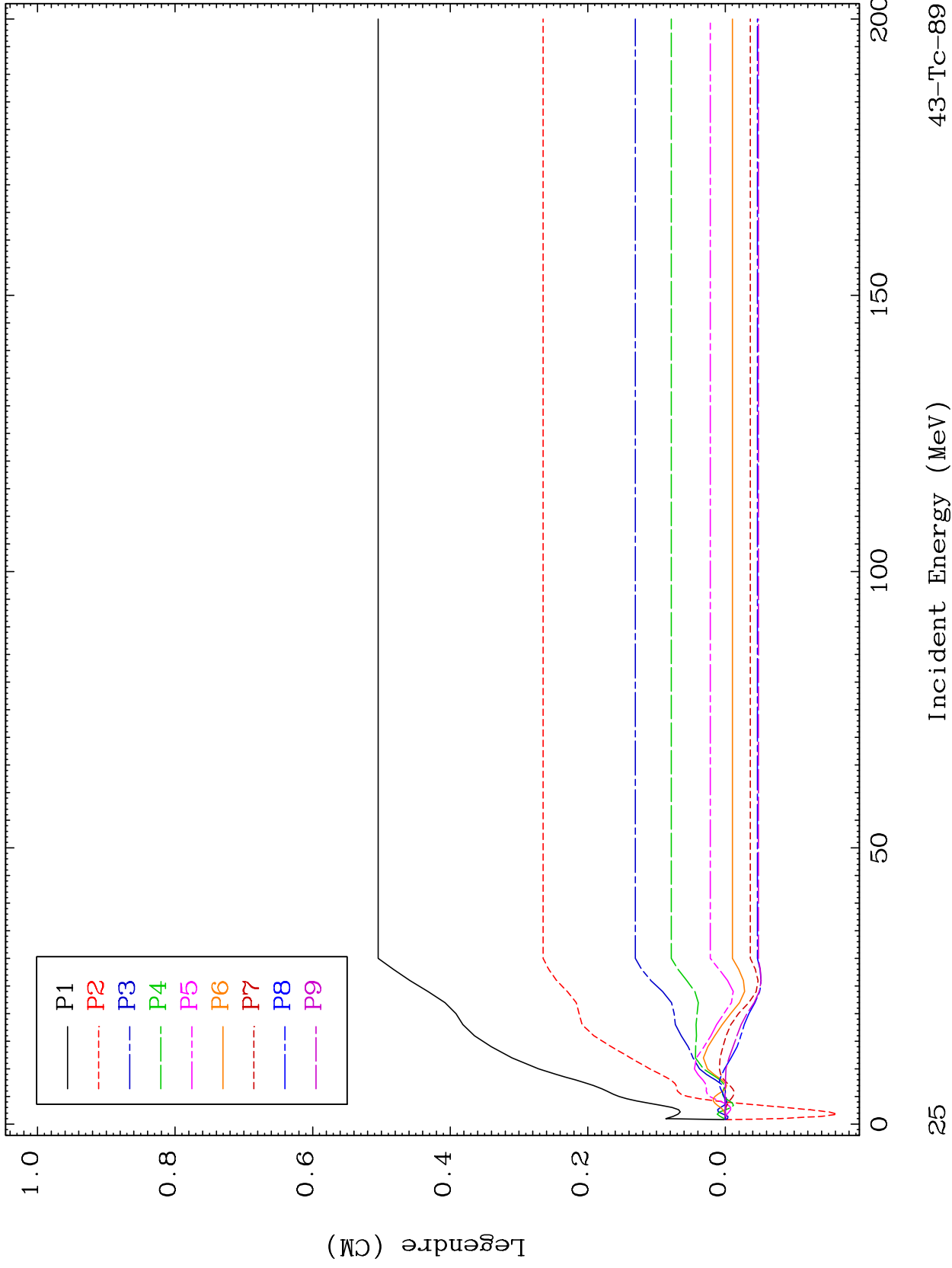


24

MAT 4295

790.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-89



43-Tc-89

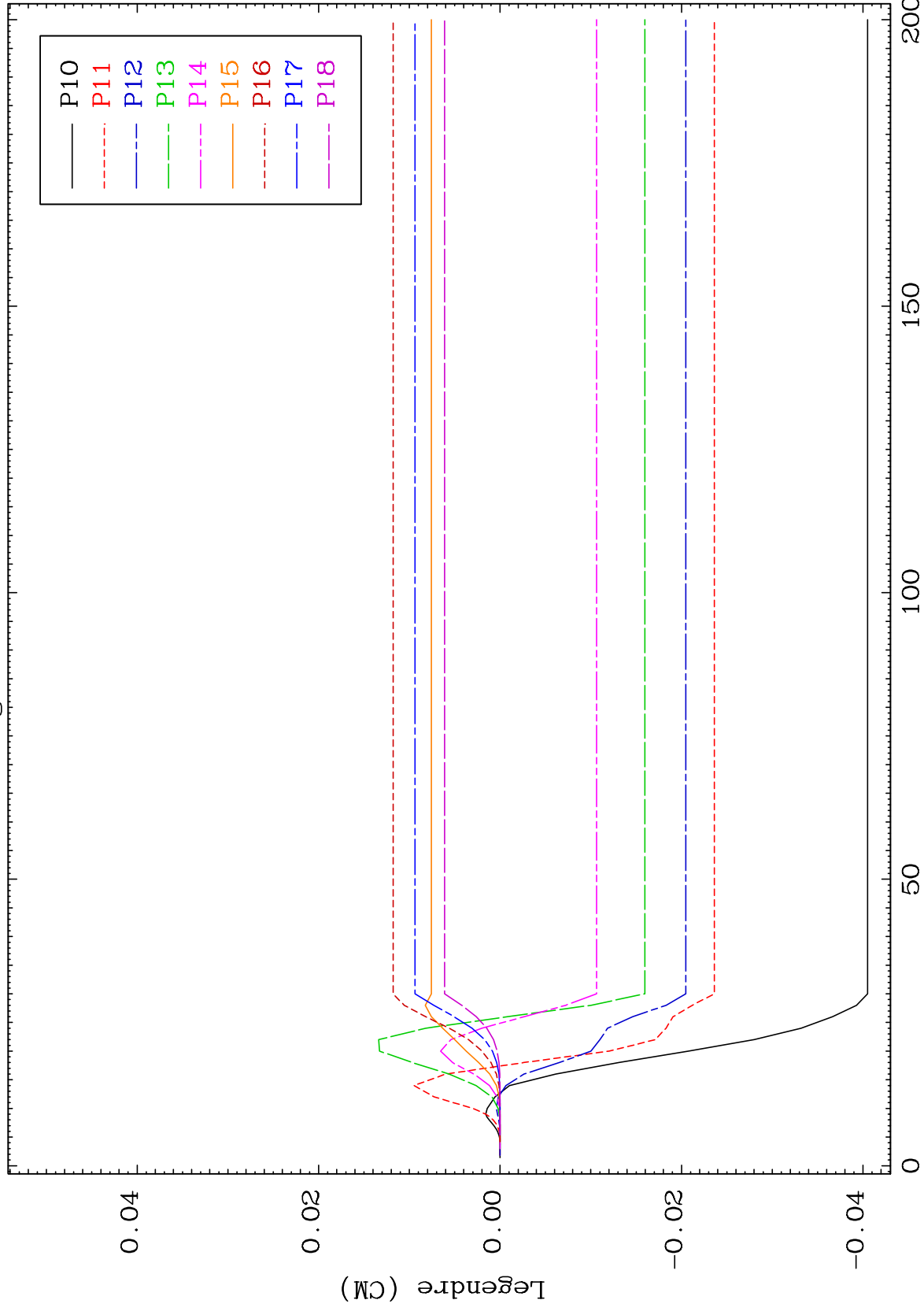
Incident Energy (MeV)

25

MAT 4295

790.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-89



26

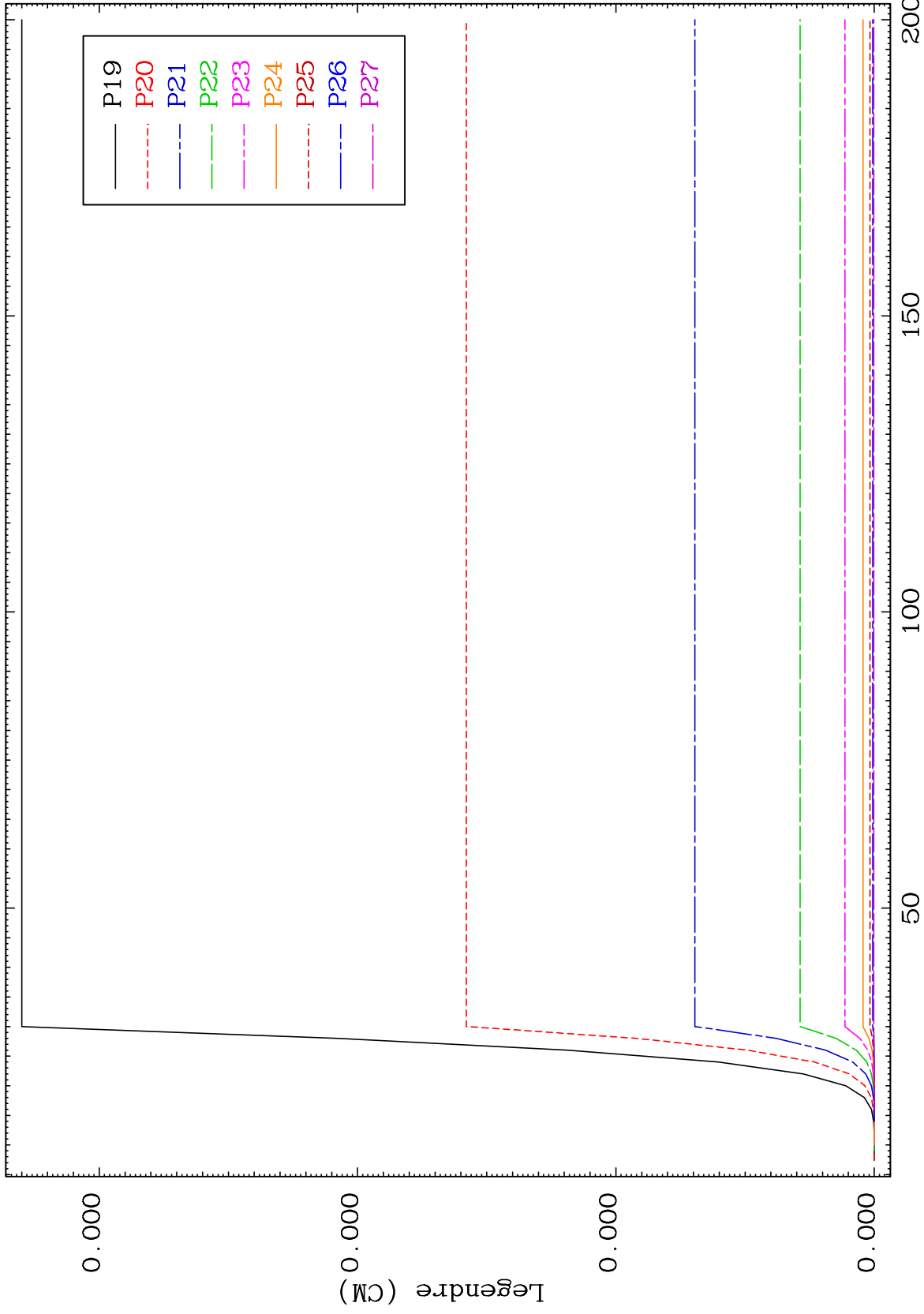
Incident Energy (MeV)

43-Tc-89

MAT 4295

790.0 keV (n,n') Level  
Legendre Coefficients

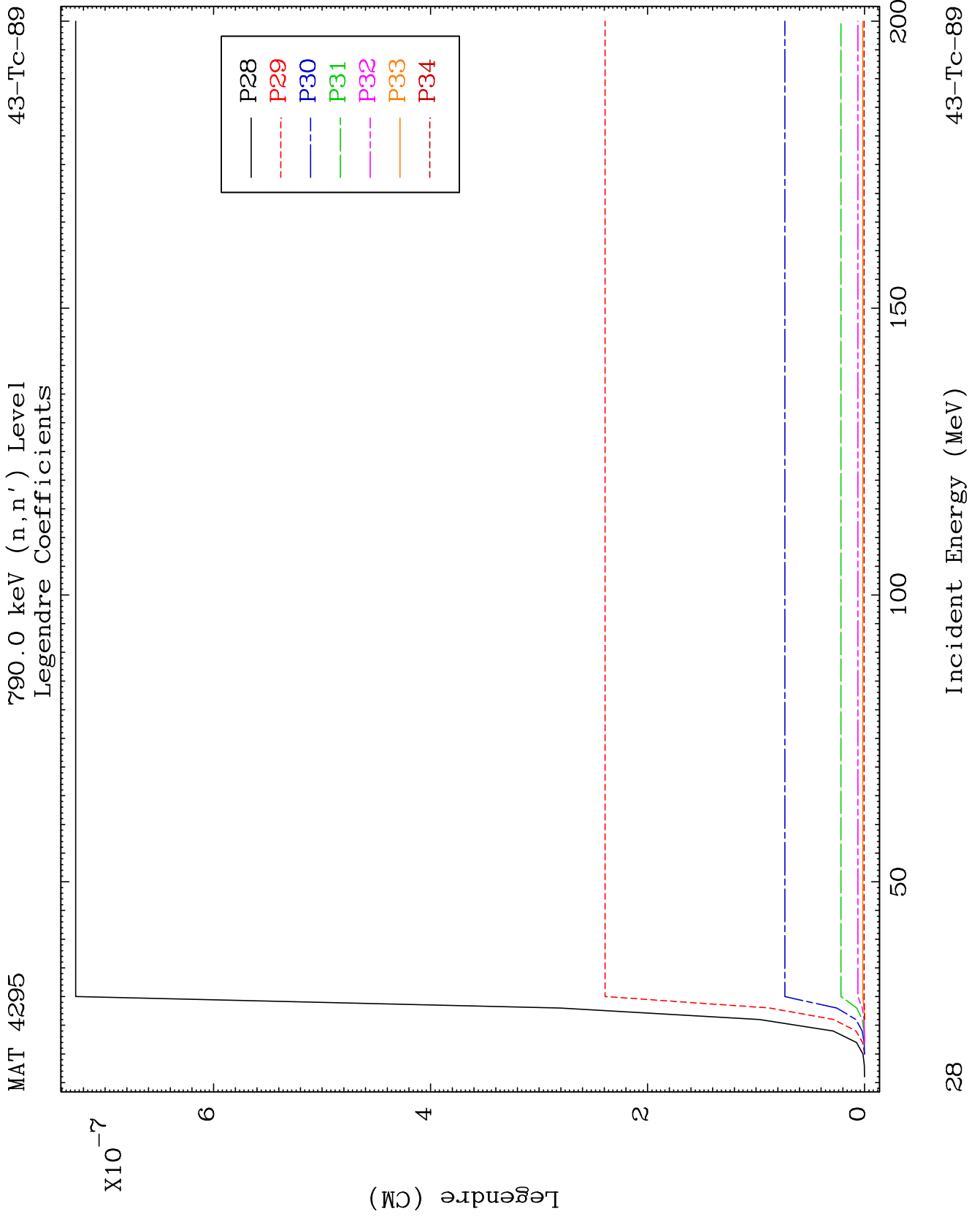
43-Tc-89



27

Incident Energy (MeV)

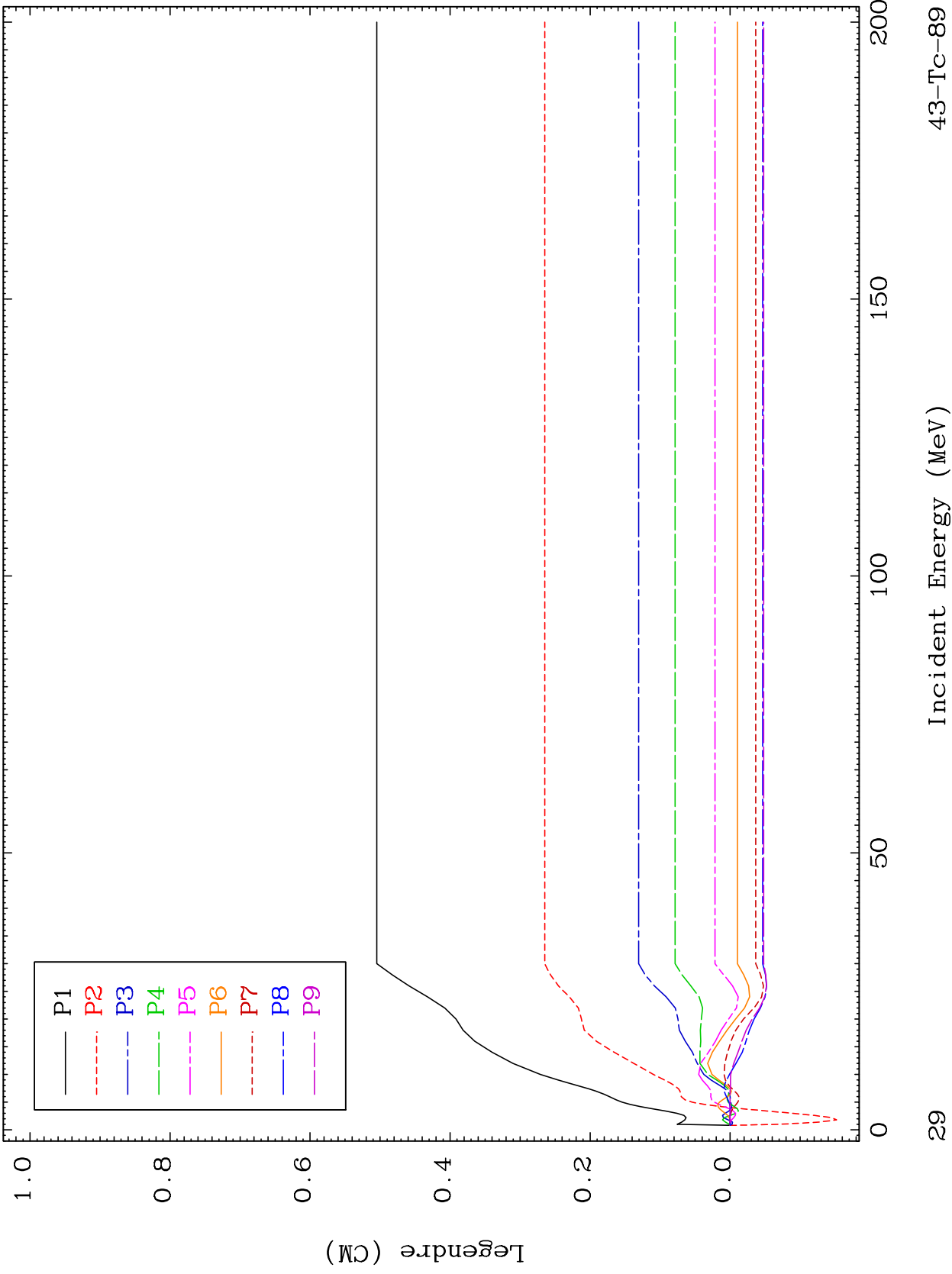
43-Tc-89



MAT 4295

795.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-89



29

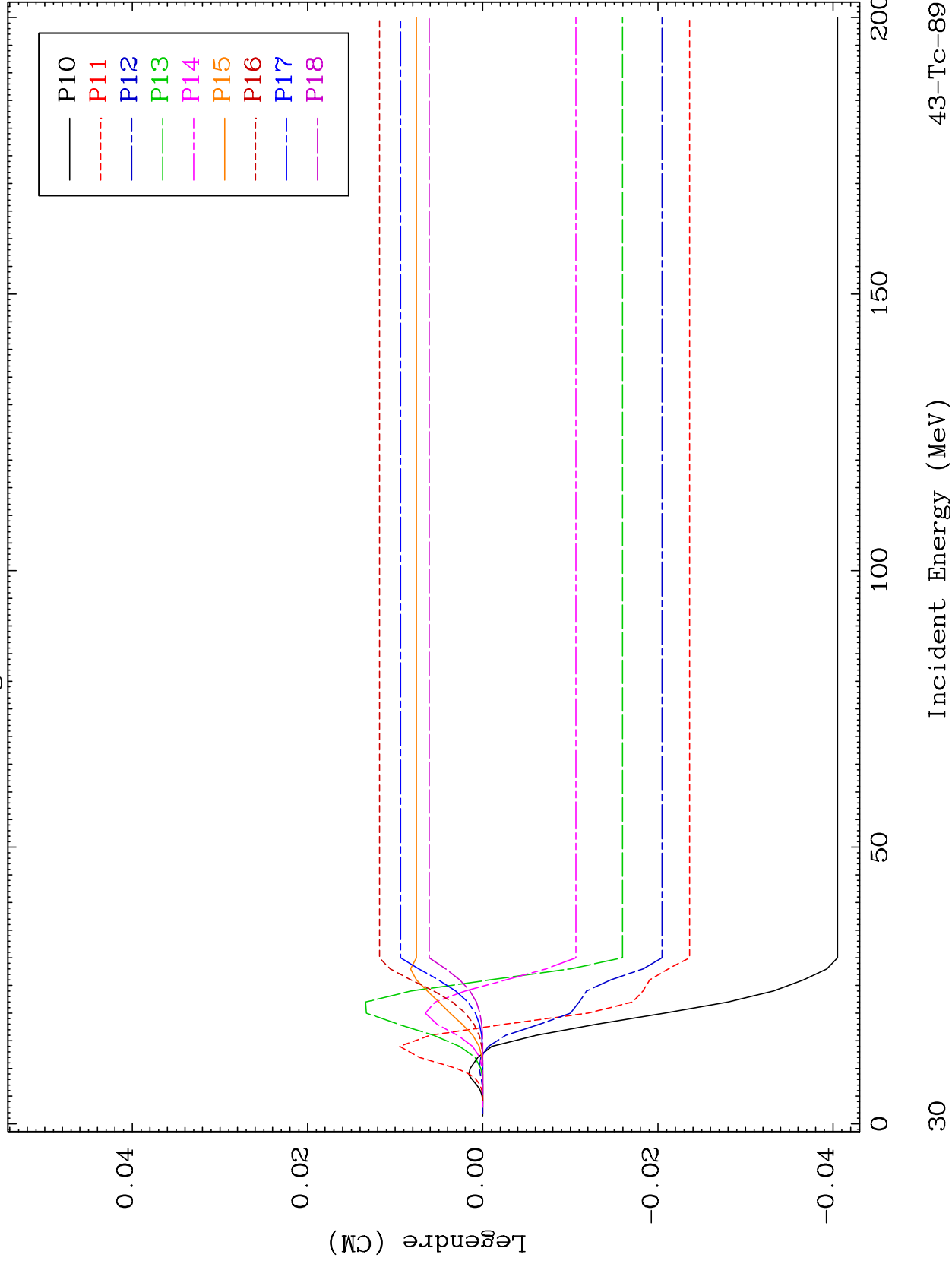
Incident Energy (MeV)

43-Tc-89

MAT 4295

795.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-89



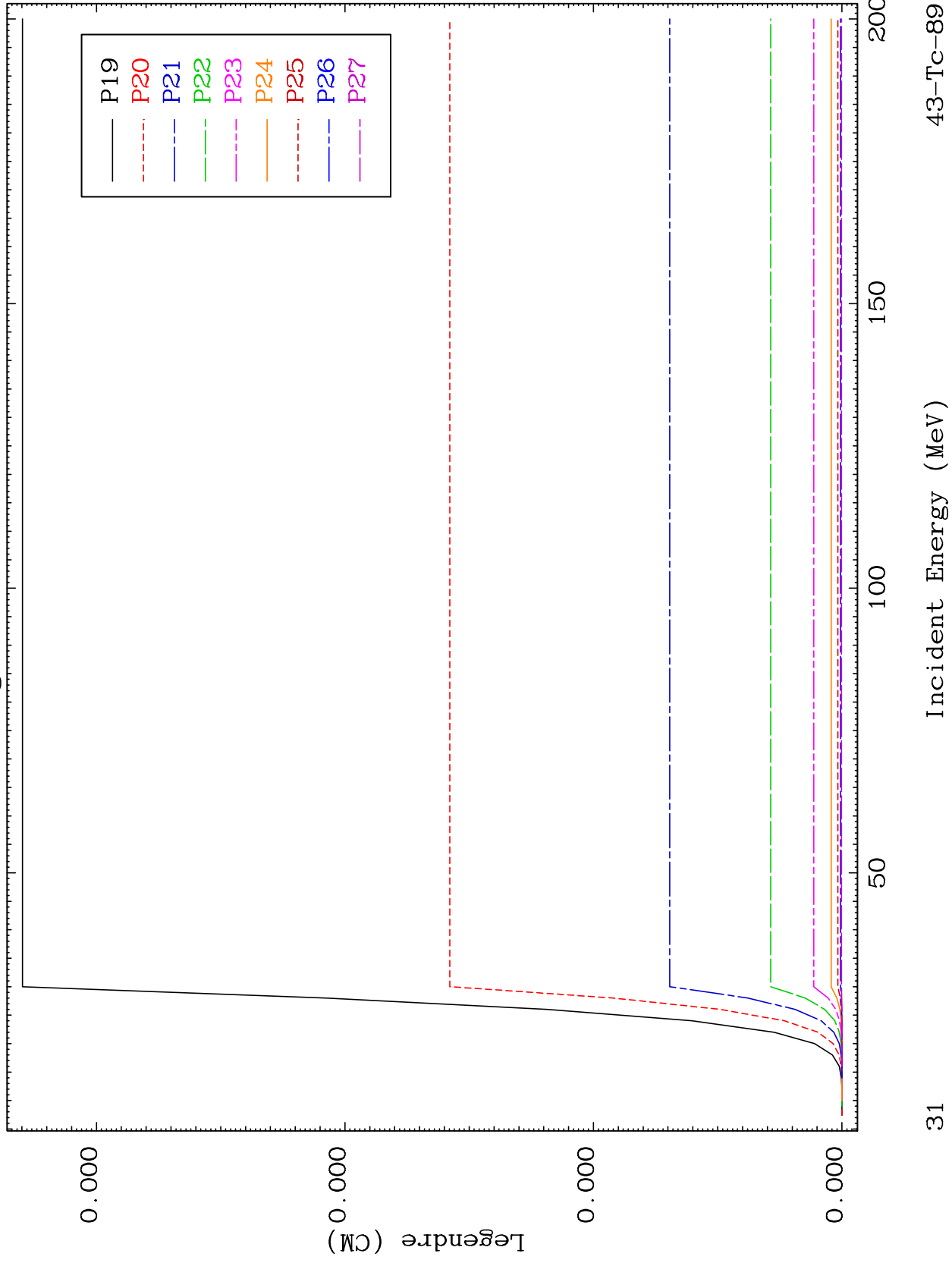
43-Tc-89

Incident Energy (MeV)

MAT 4295

795.9 keV (n,n') Level  
Legendre Coefficients

43-Tc-89



31

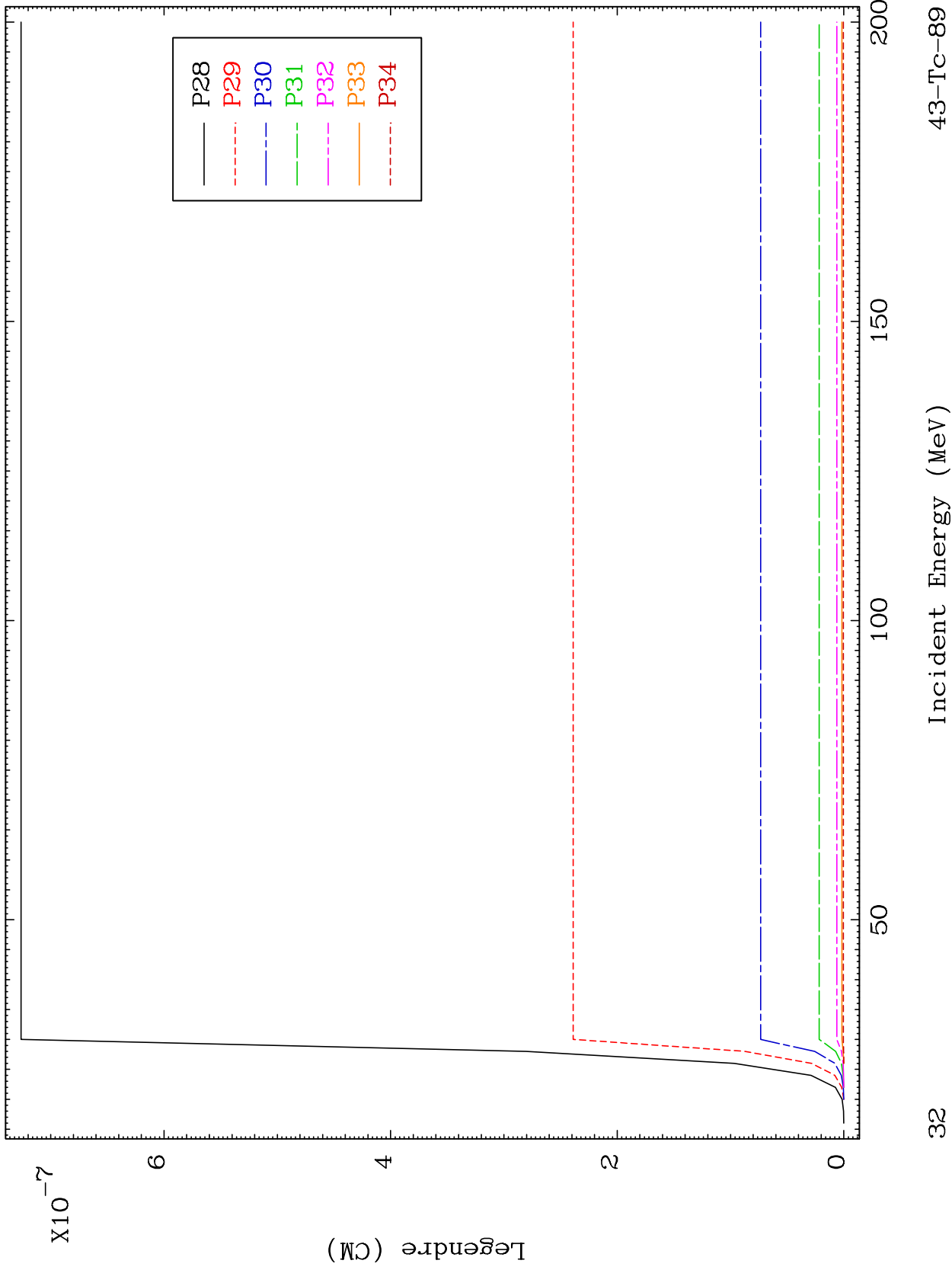
43-Tc-89



MAT 4295

795.9 keV (n,n') Level  
Legendre Coefficients

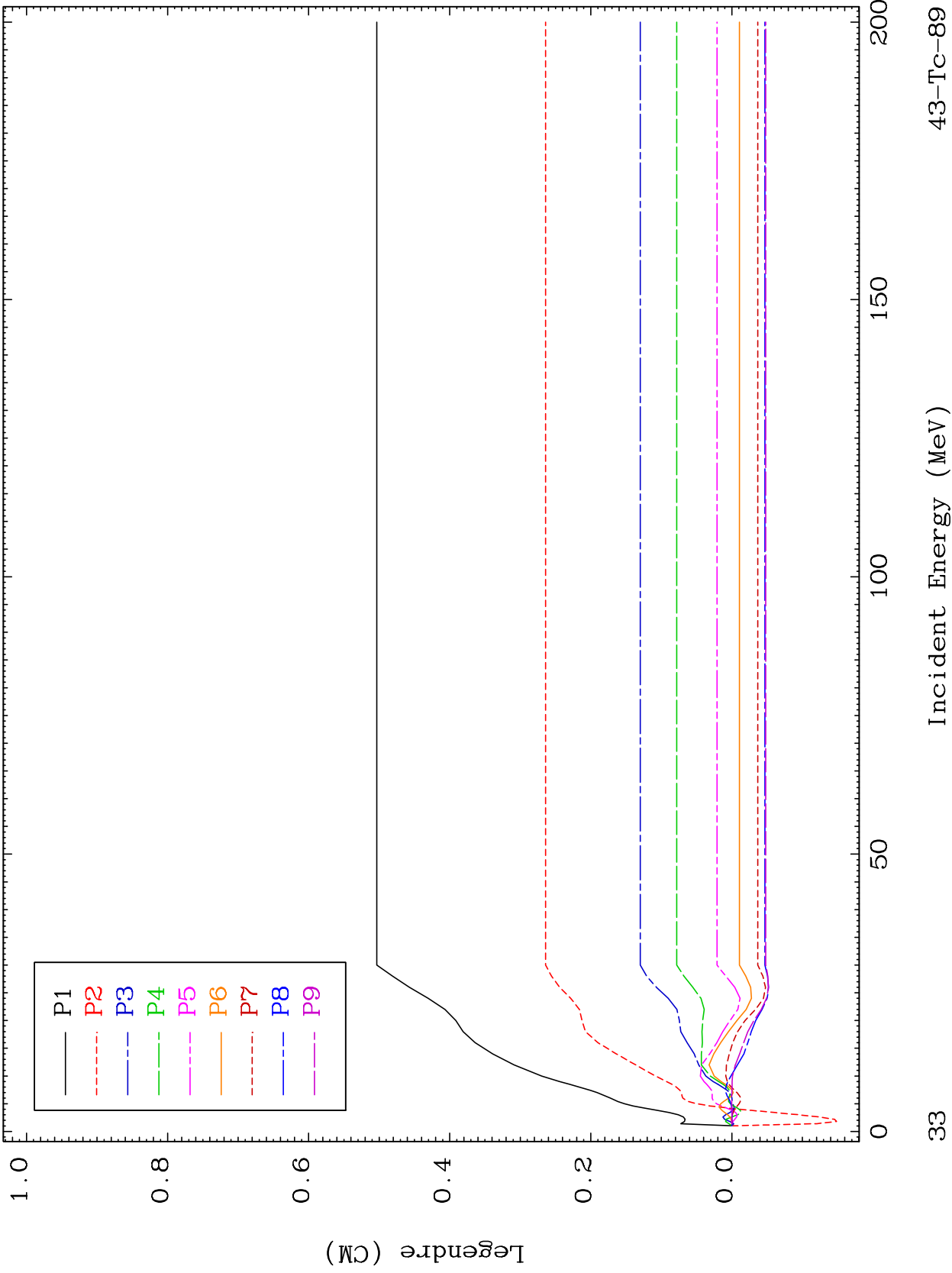
43-Tc-89



32

Incident Energy (MeV)

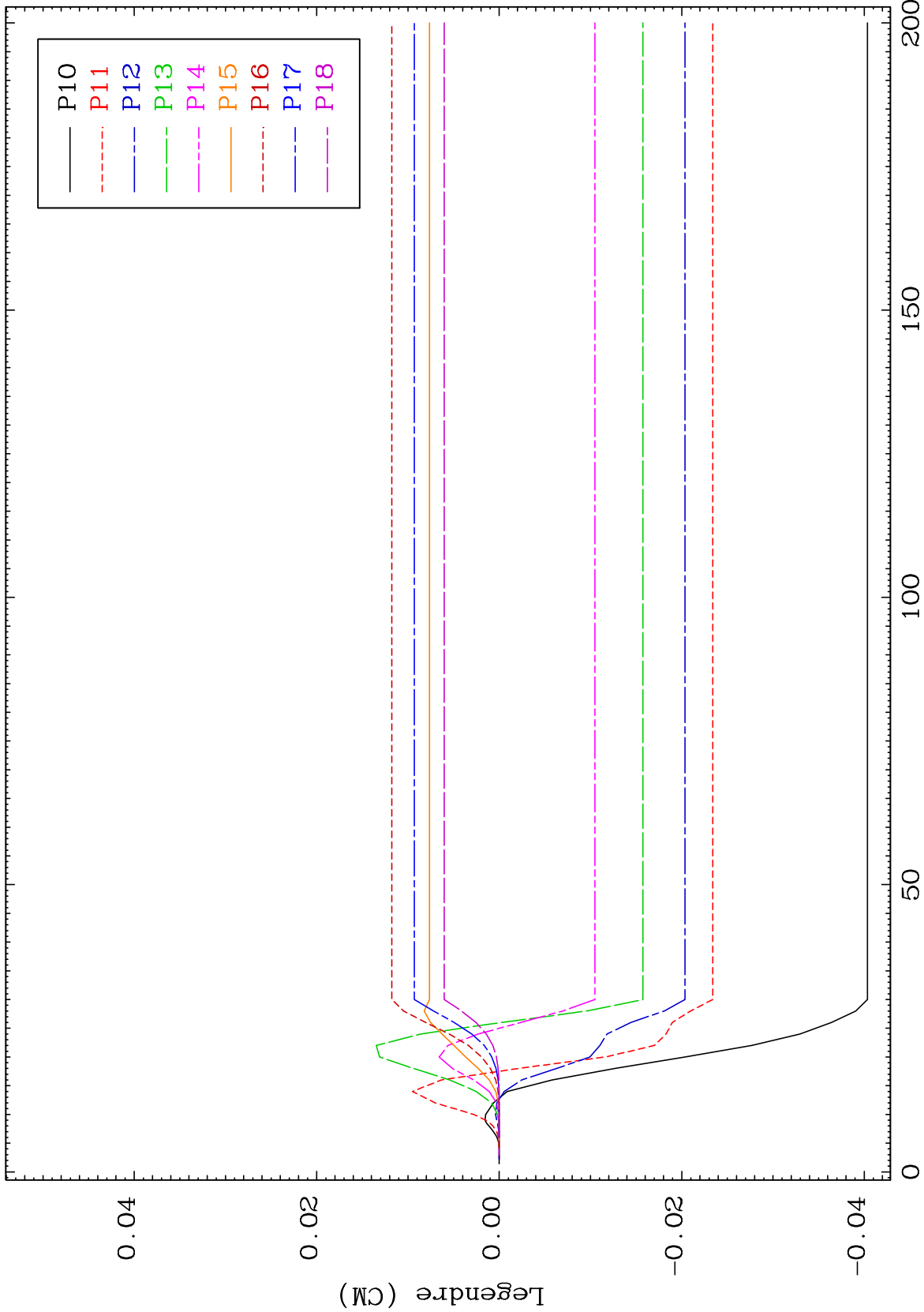
43-Tc-89



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998.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-89



34

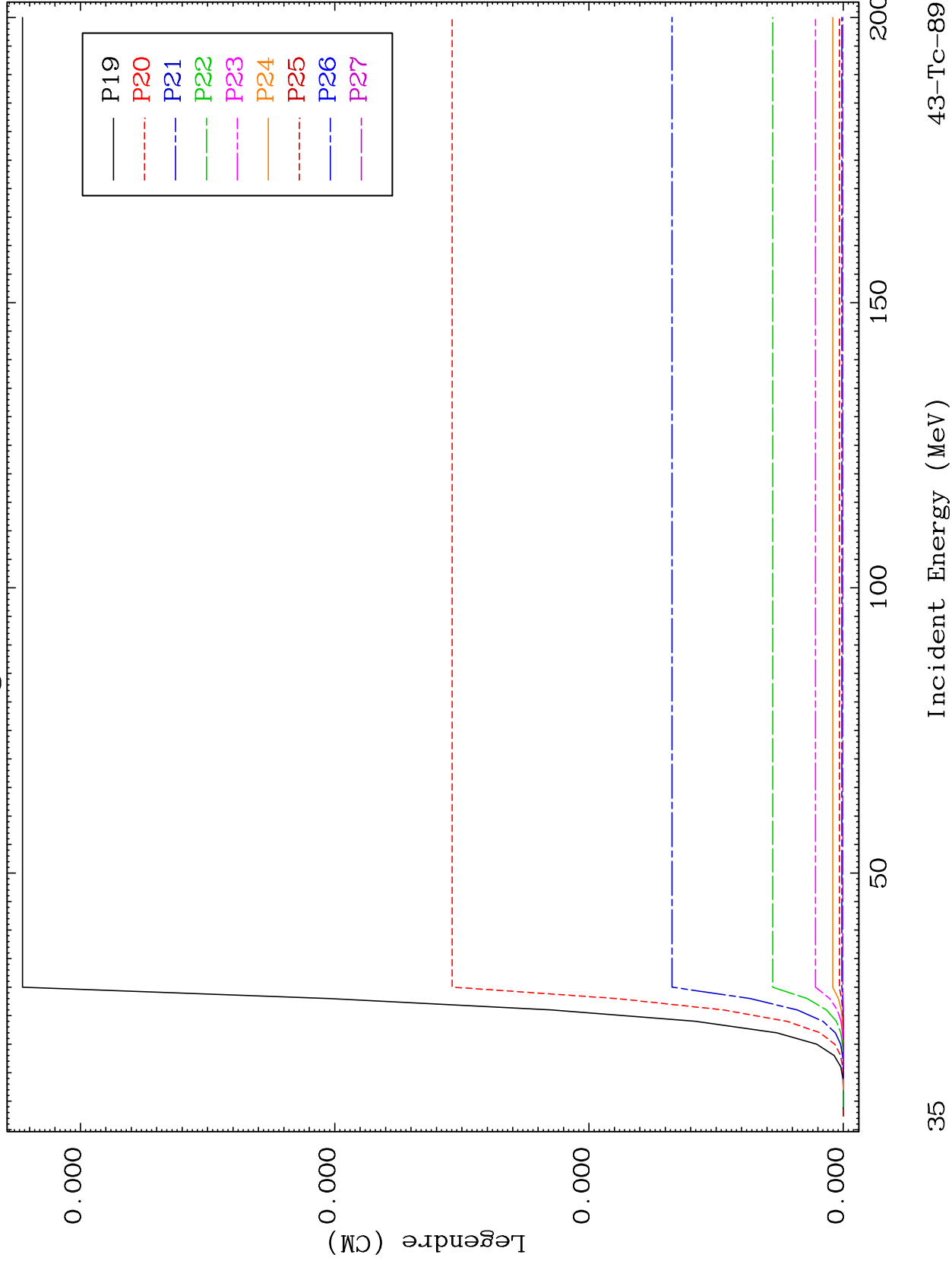
Incident Energy (MeV)

43-Tc-89

MAT 4295

998.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-89

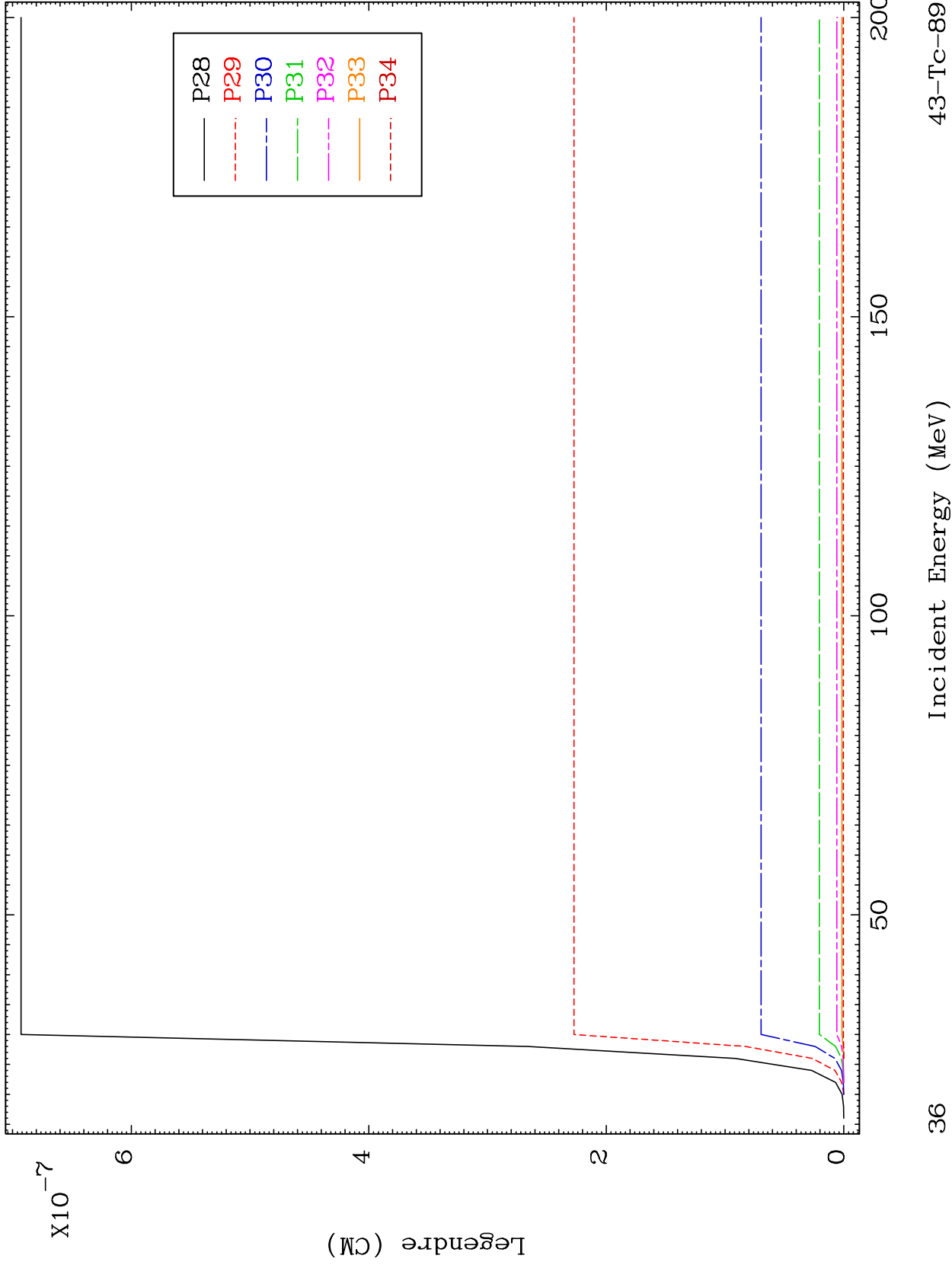


35

MAT 4295

998.3 keV (n,n') Level  
Legendre Coefficients

43-Tc-89



36

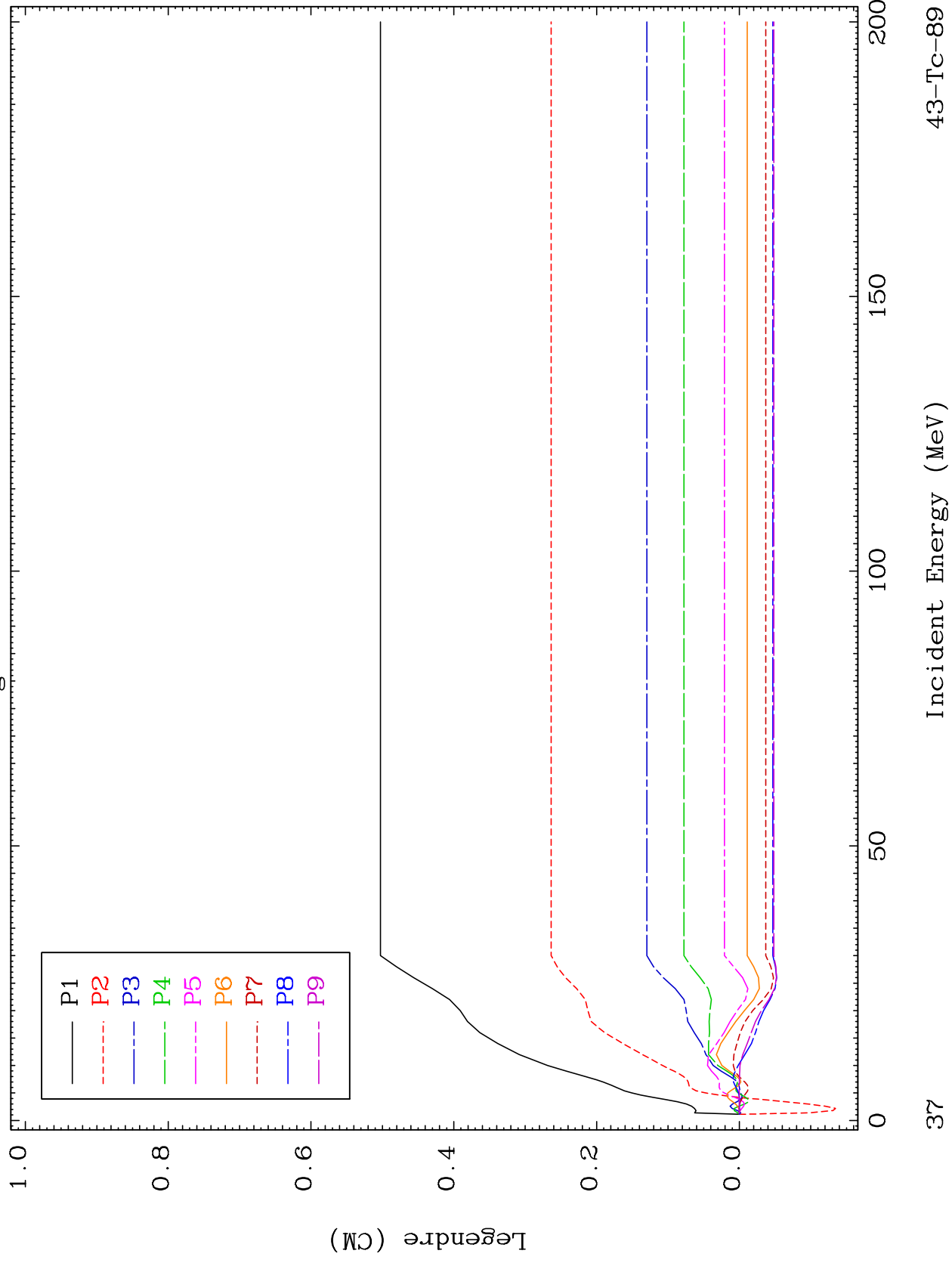
Incident Energy (MeV)

43-Tc-89

MAT 4295

1.101 MeV (n,n') Level  
Legendre Coefficients

43-Tc-89



43-Tc-89

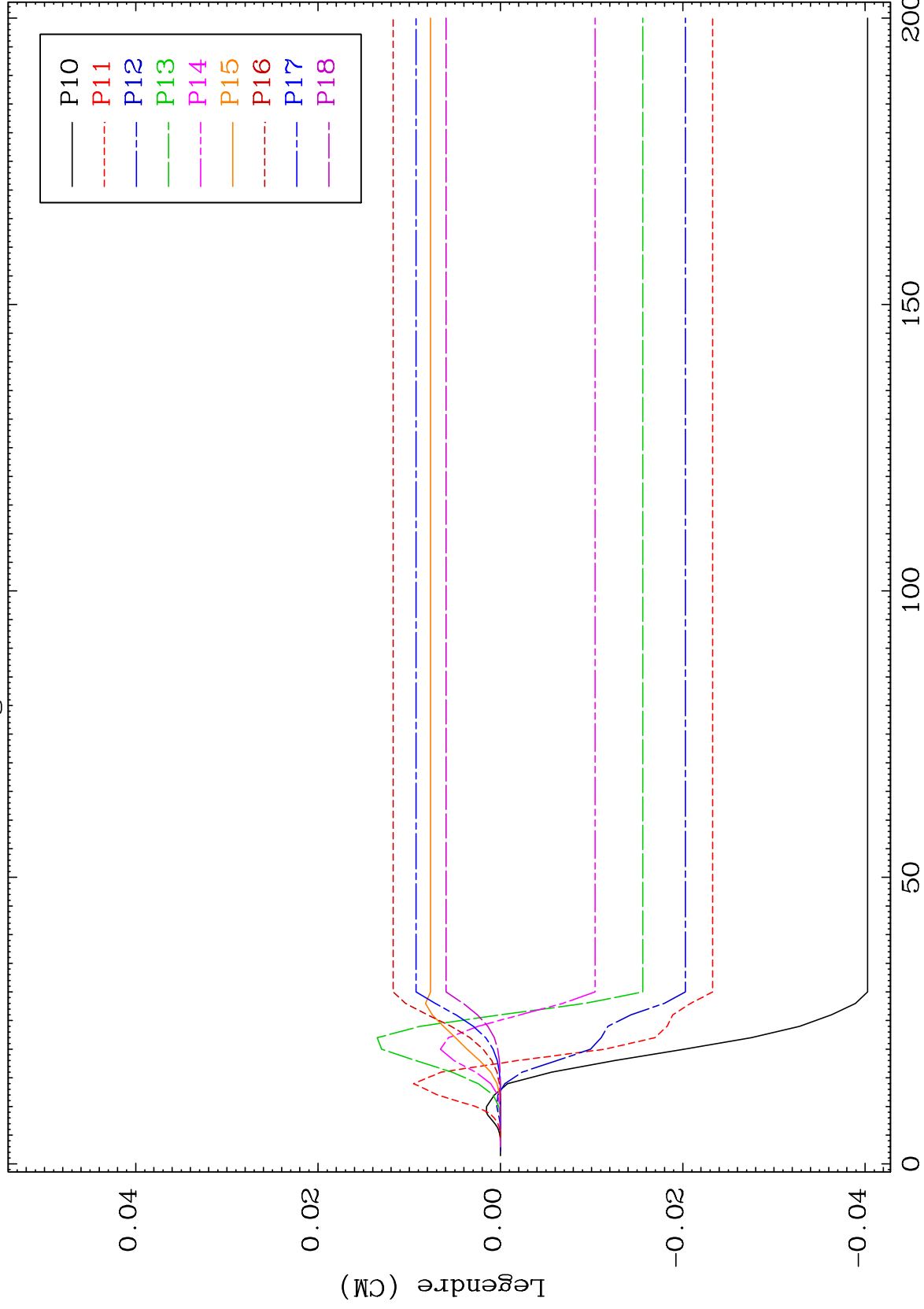
Incident Energy (MeV)

37

MAT 4295

1.101 MeV (n,n') Level  
Legendre Coefficients

43-Tc-89



38

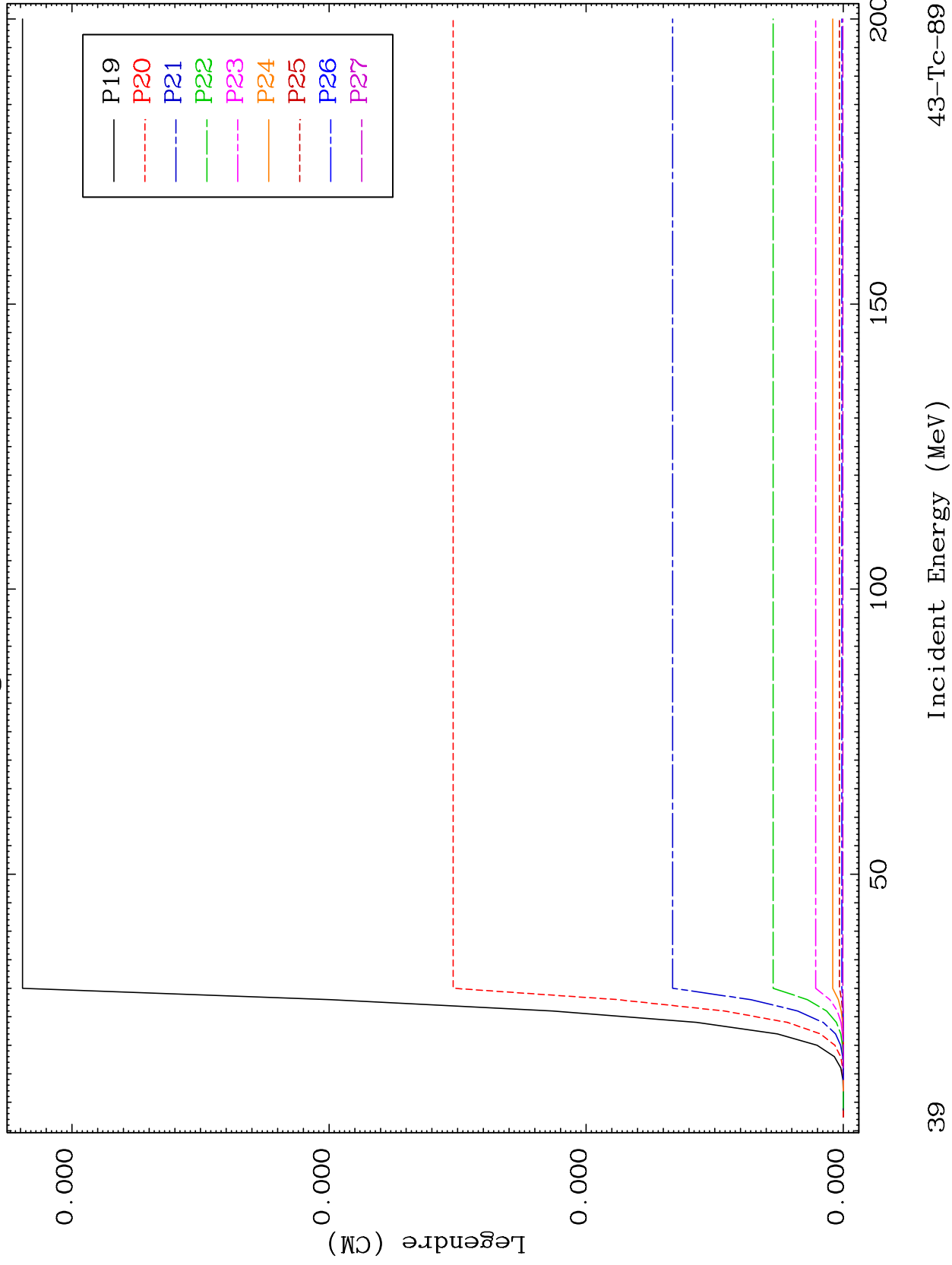
Incident Energy (MeV)

43-Tc-89

MAT 4295

1.101 MeV (n,n') Level  
Legendre Coefficients

43-Tc-89



39

Incident Energy (MeV)

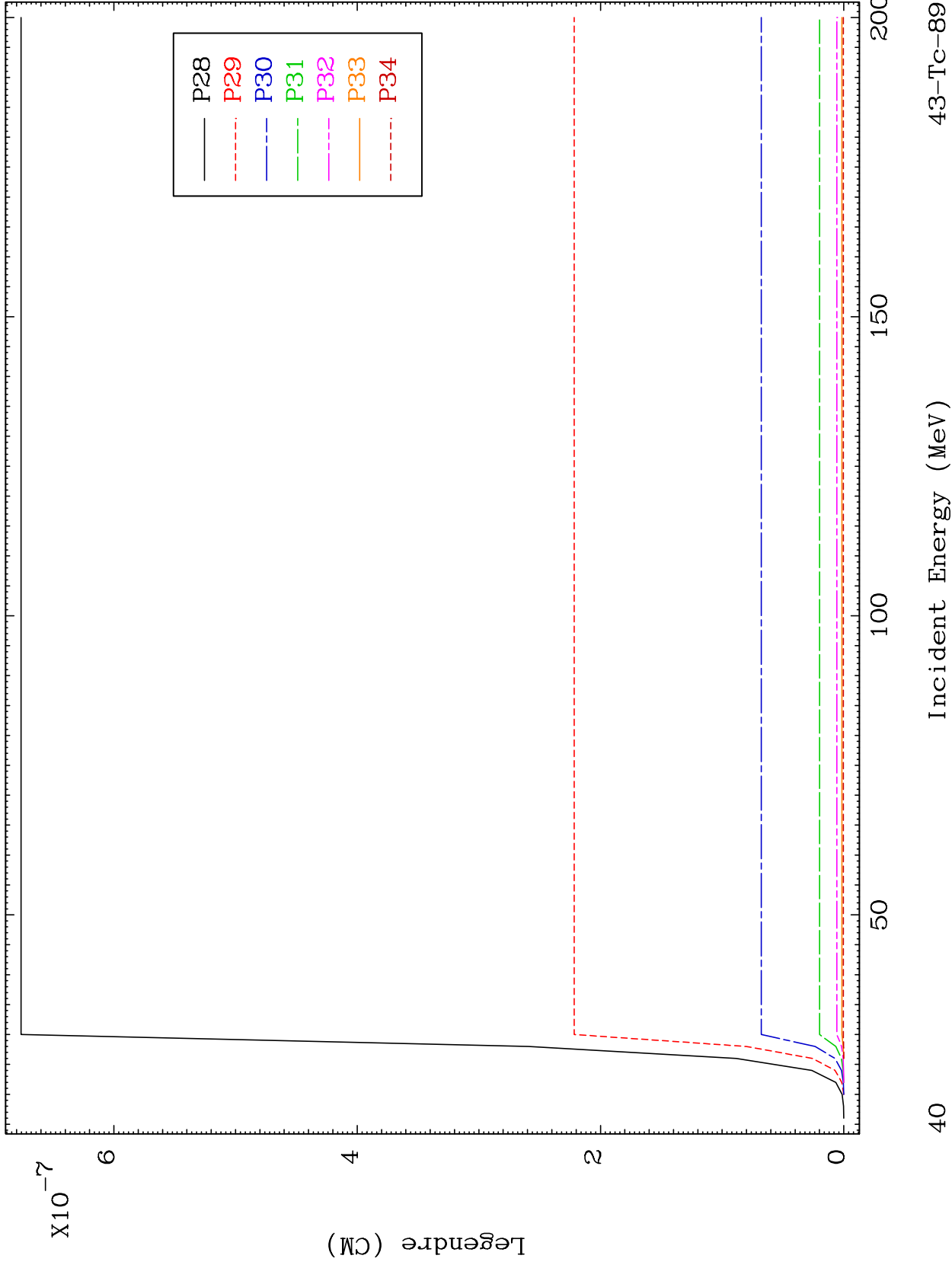
43-Tc-89



MAT 4295

1.101 MeV (n,n') Level  
Legendre Coefficients

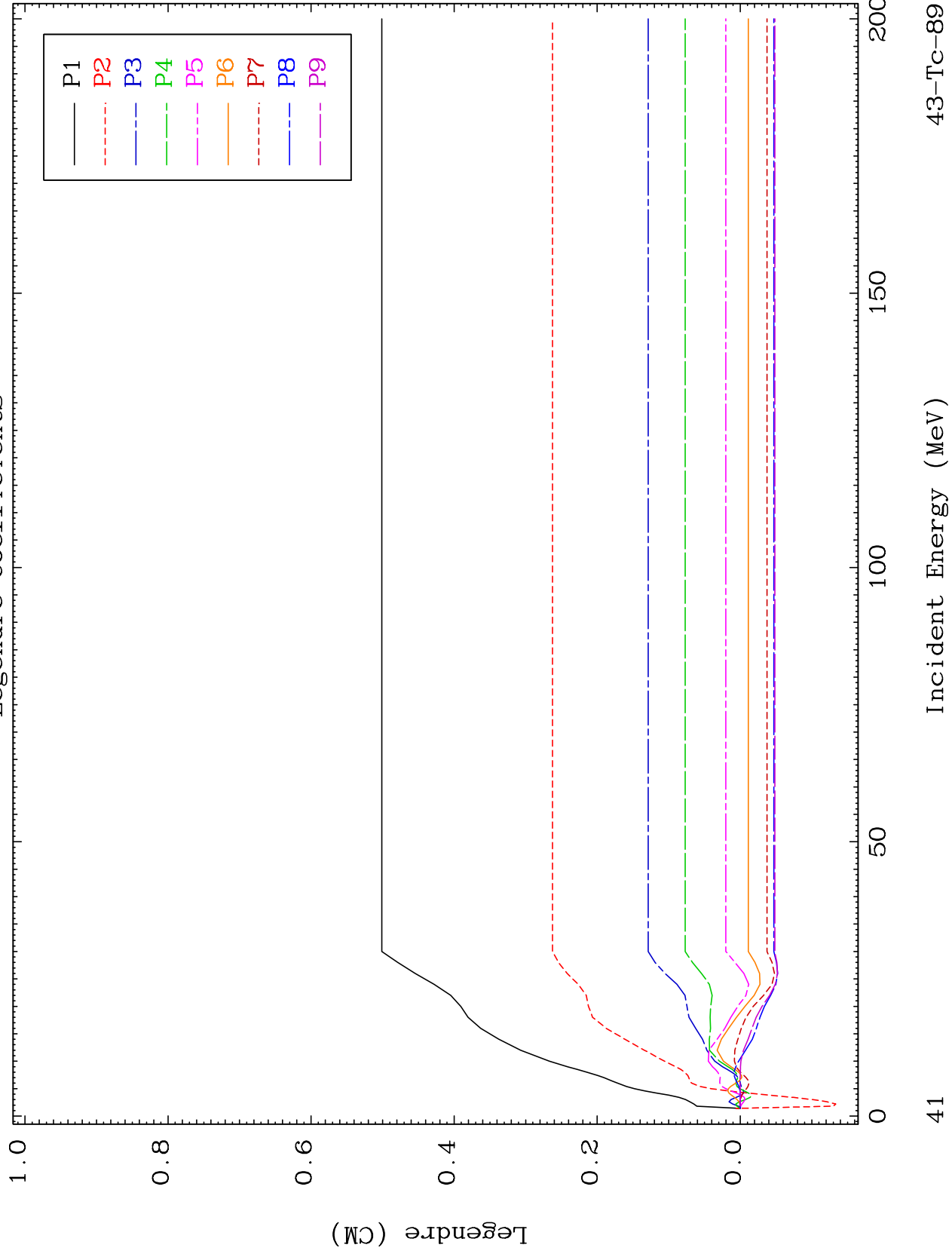
43-Tc-89



MAT 4295

1.332 MeV (n,n') Level  
Legendre Coefficients

43-Tc-89



43-Tc-89

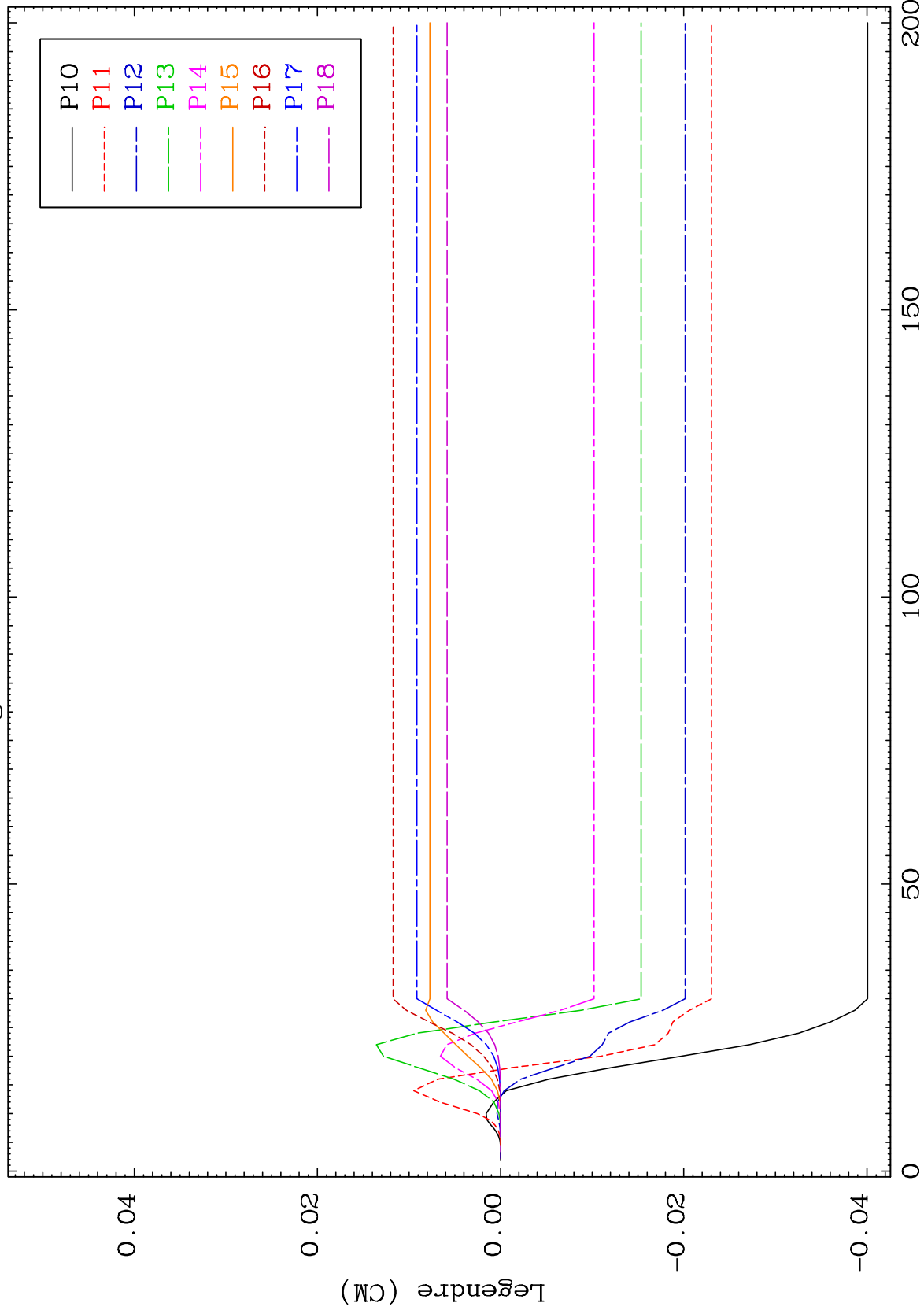
Incident Energy (MeV)

41

MAT 4295

1.332 MeV (n,n') Level  
Legendre Coefficients

43-Tc-89



42

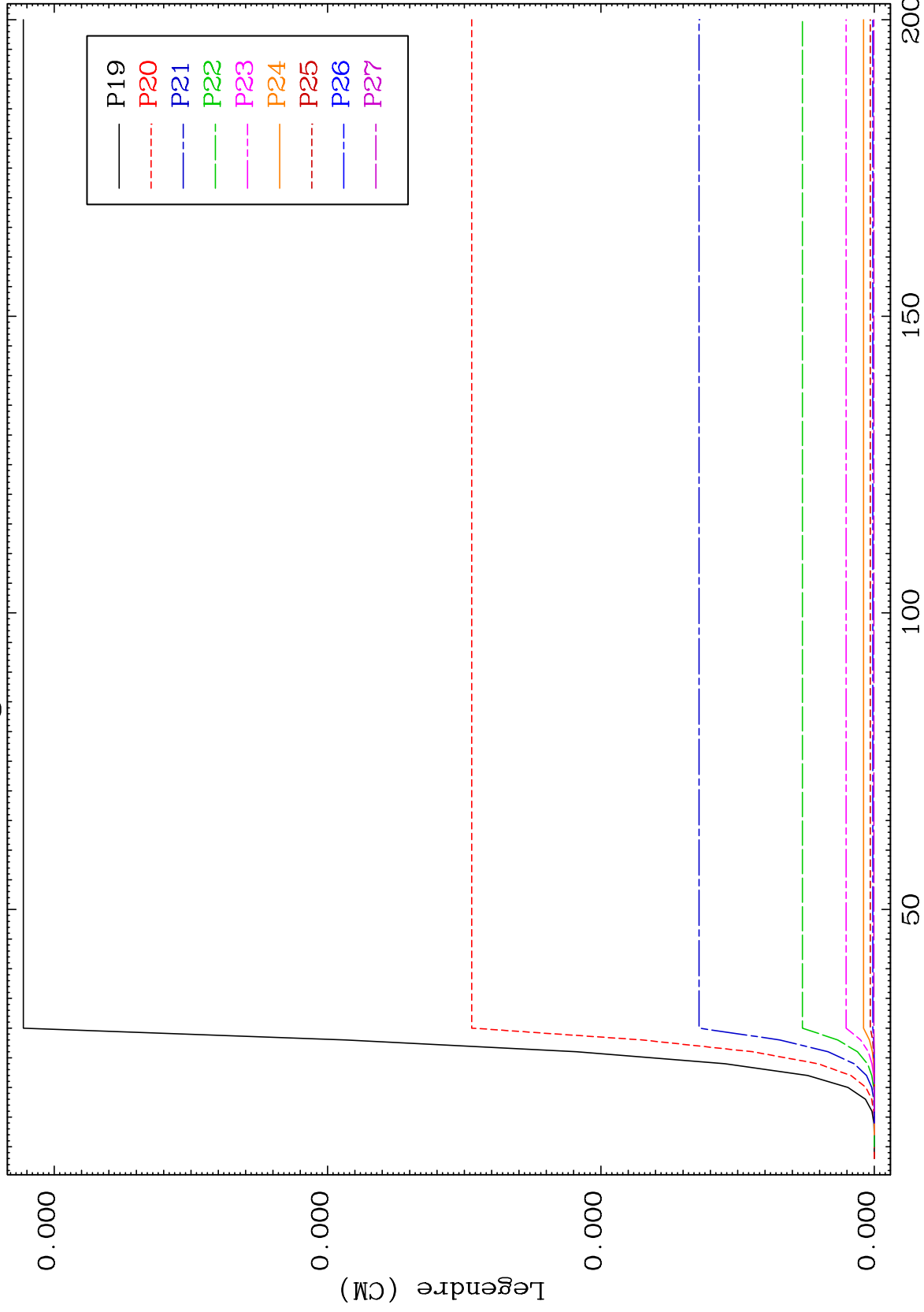
Incident Energy (MeV)

43-Tc-89

MAT 4295

1.332 MeV (n,n') Level  
Legendre Coefficients

43-Tc-89



43

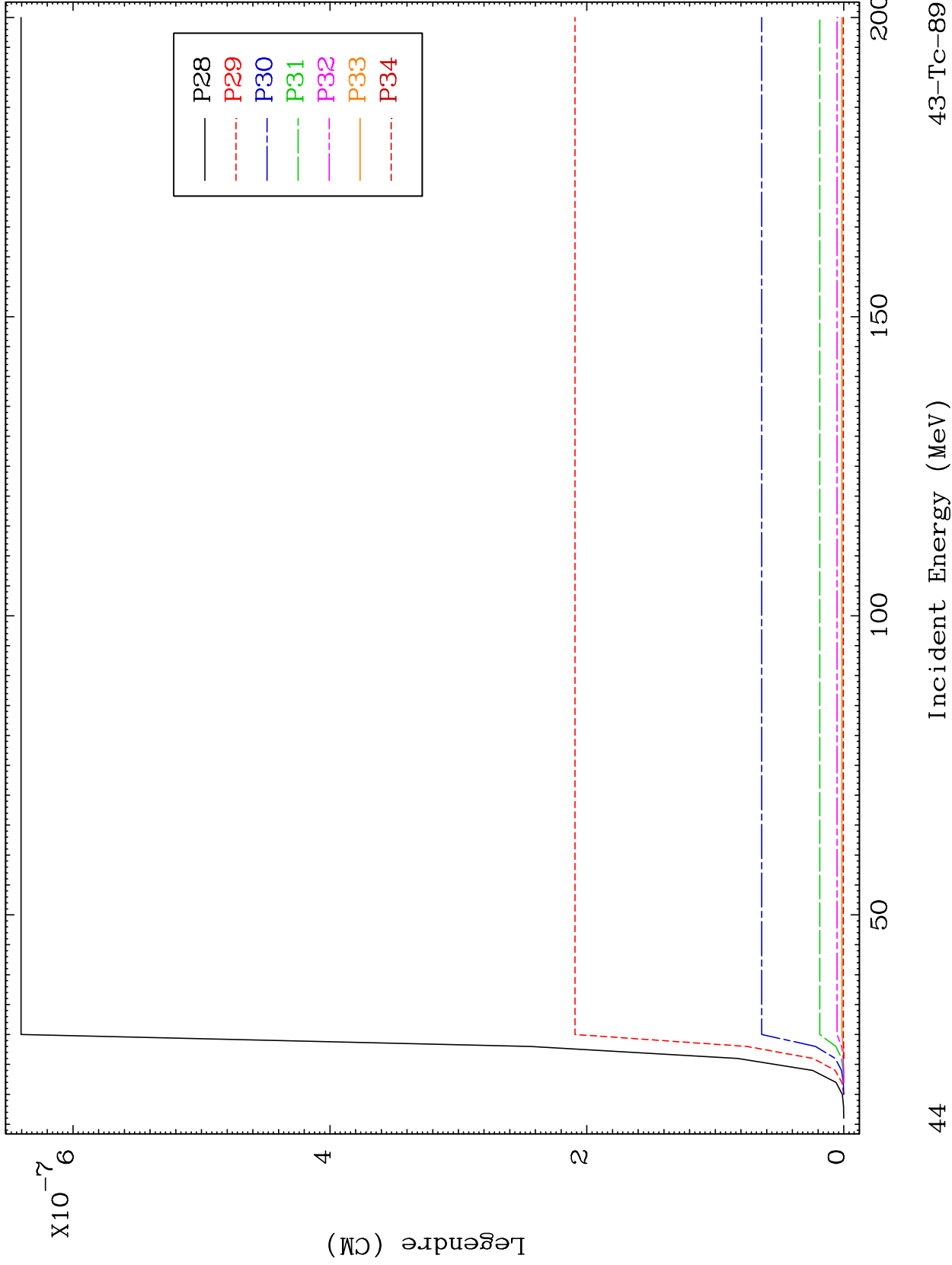
Incident Energy (MeV)

43-Tc-89

MAT 4295

1.332 MeV (n,n') Level  
Legendre Coefficients

43-Tc-89

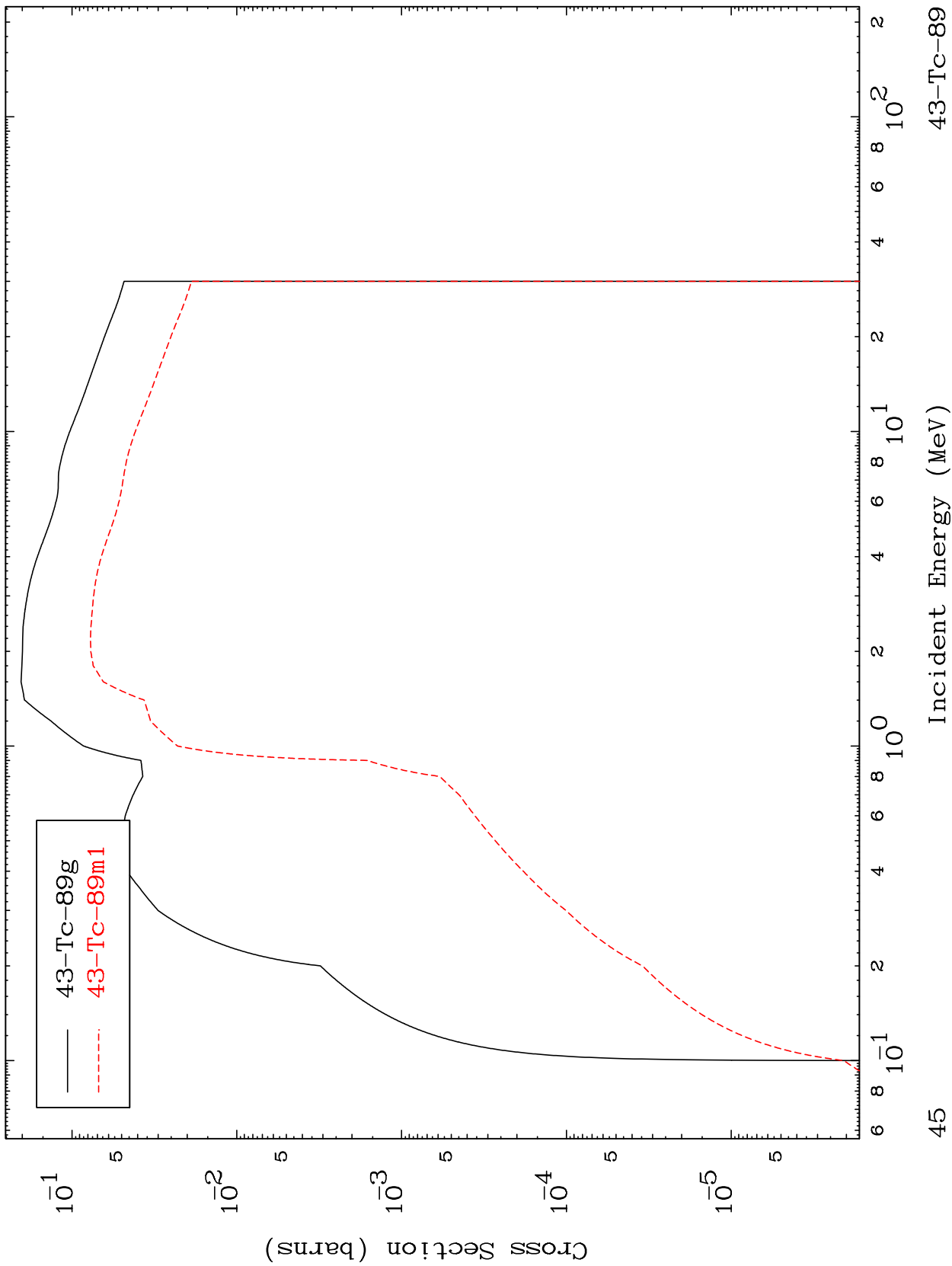


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MAT 4295

43-Tc-89

Radionuclide Production Cross Section



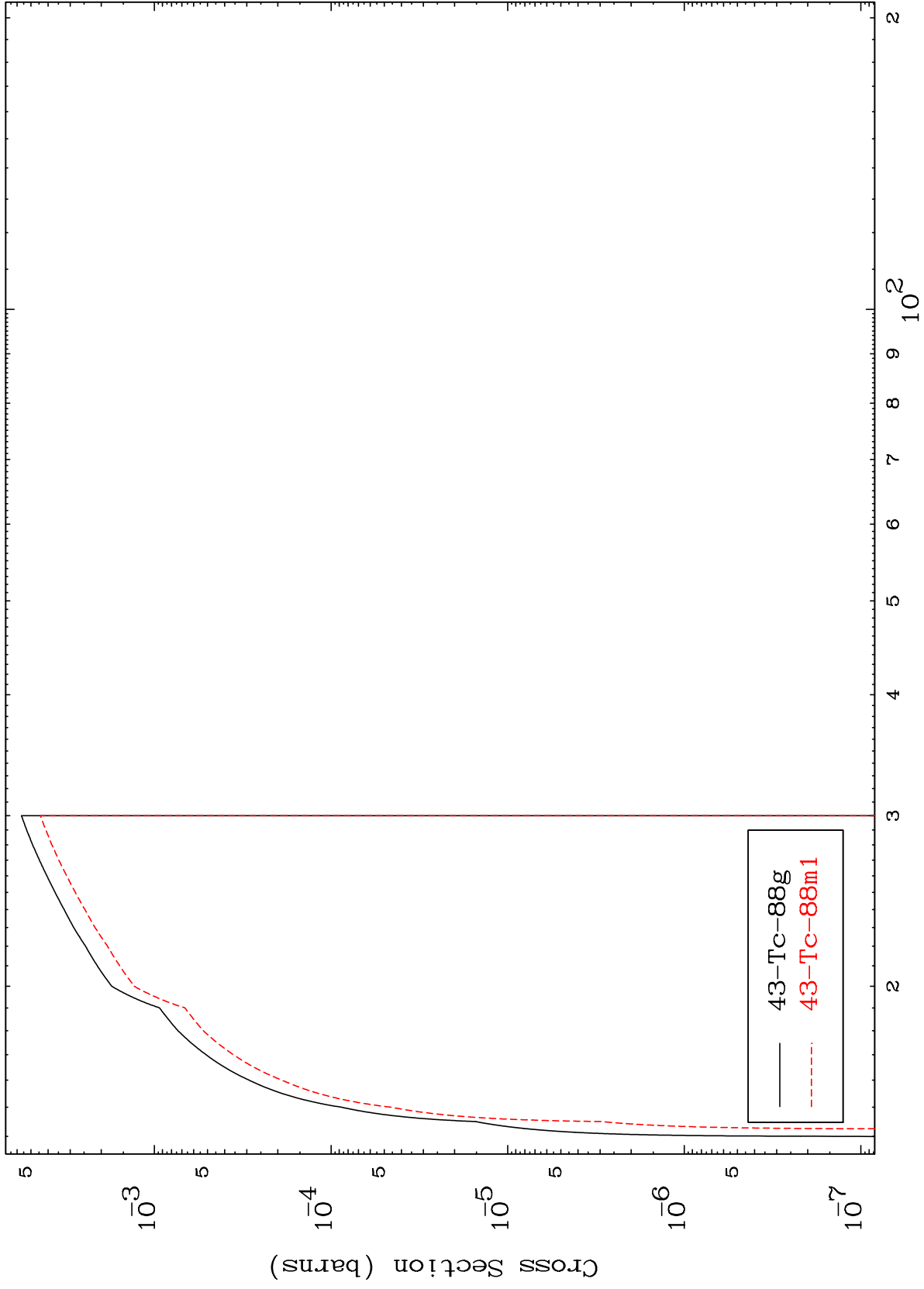
45

43-Tc-89

MAT 4295

43-Tc-89

(n,2n)  
Radionuclide Production Cross Section



43-Tc-89

Incident Energy (MeV)

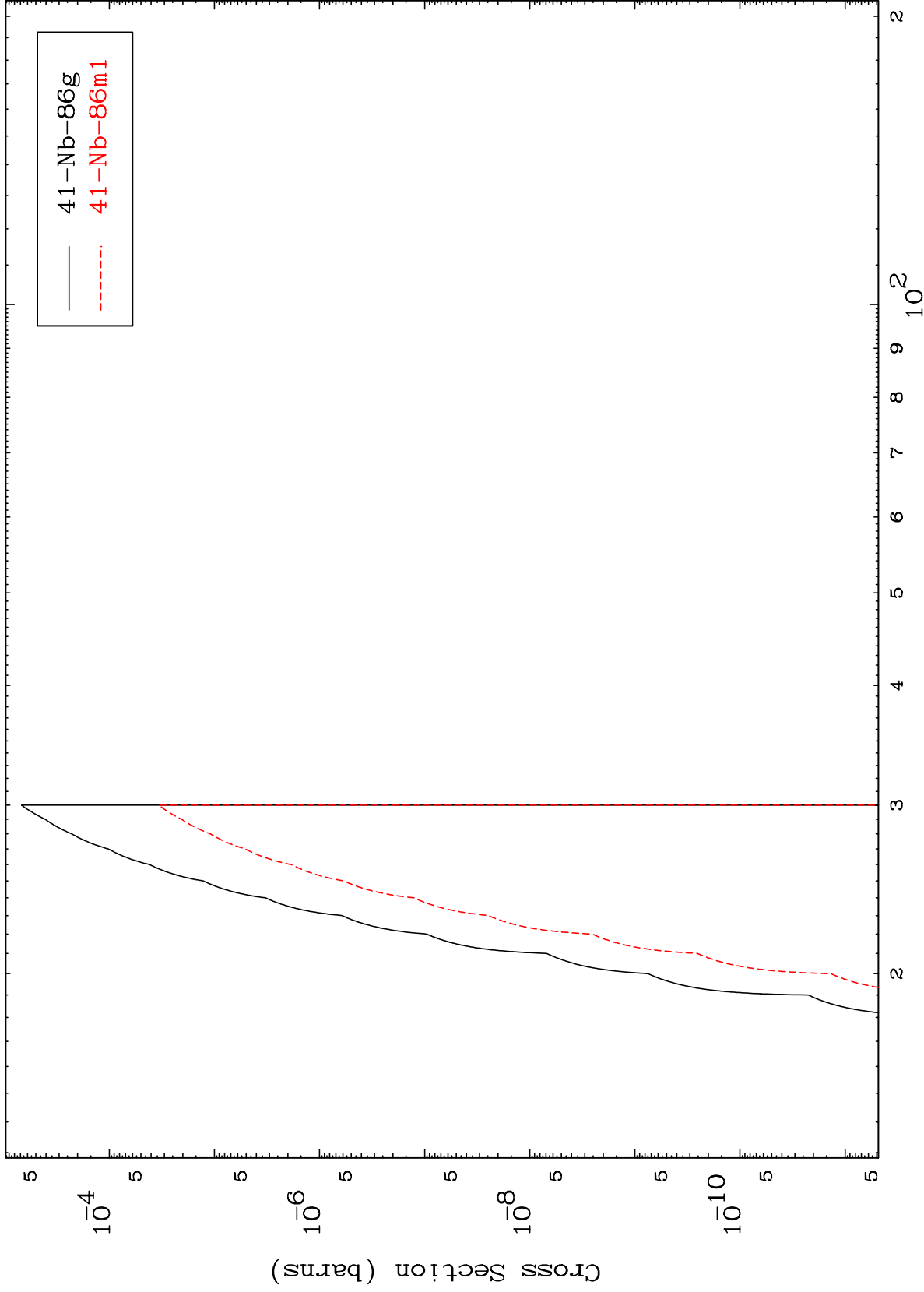
46

MAT 4295

(n,n') He-3

43-Tc-89

Radionuclide Production Cross Section



47

Incident Energy (MeV)

43-Tc-89

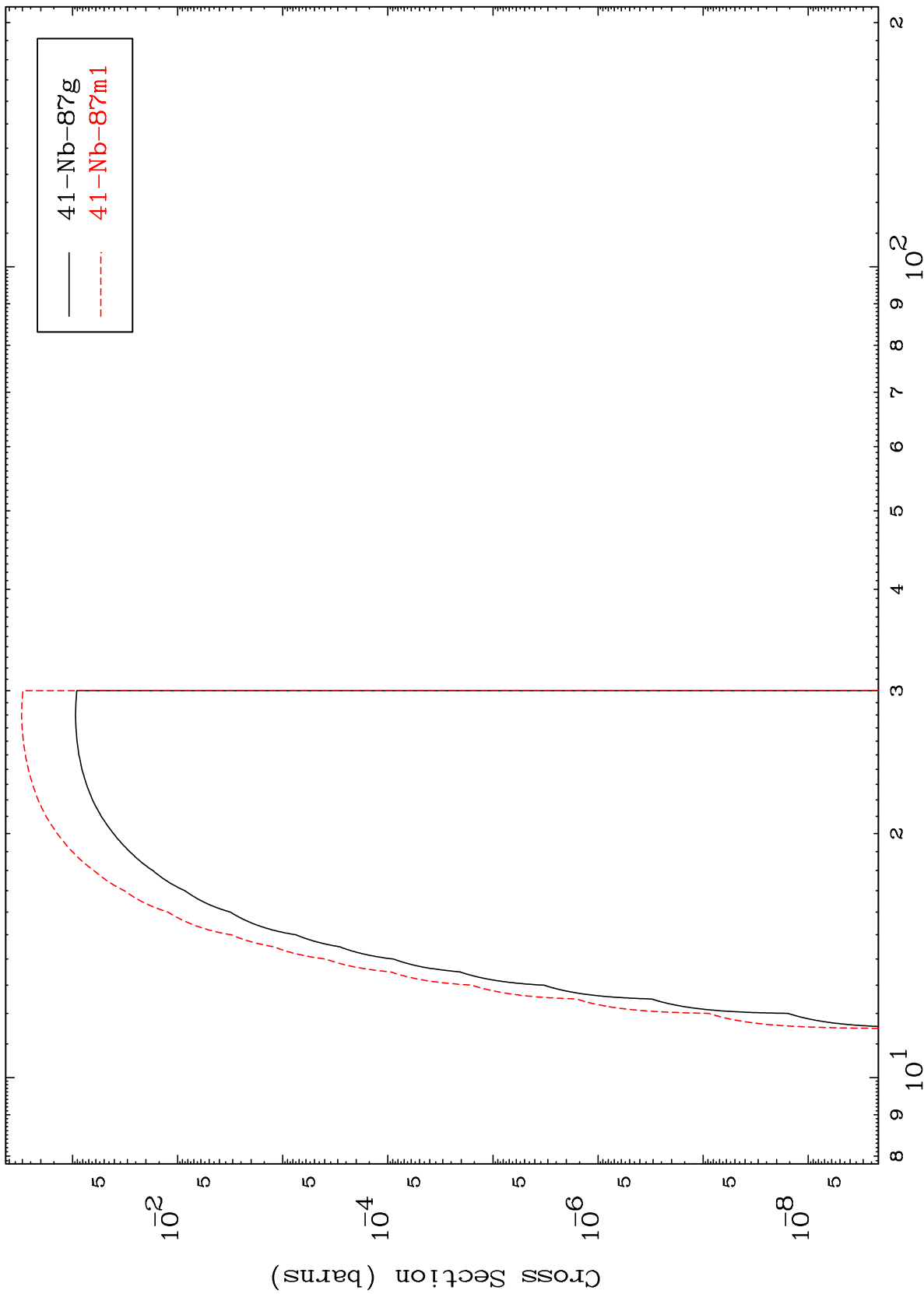


MAT 4295

(n,2n) p

43-Tc-89

Radionuclide Production Cross Section

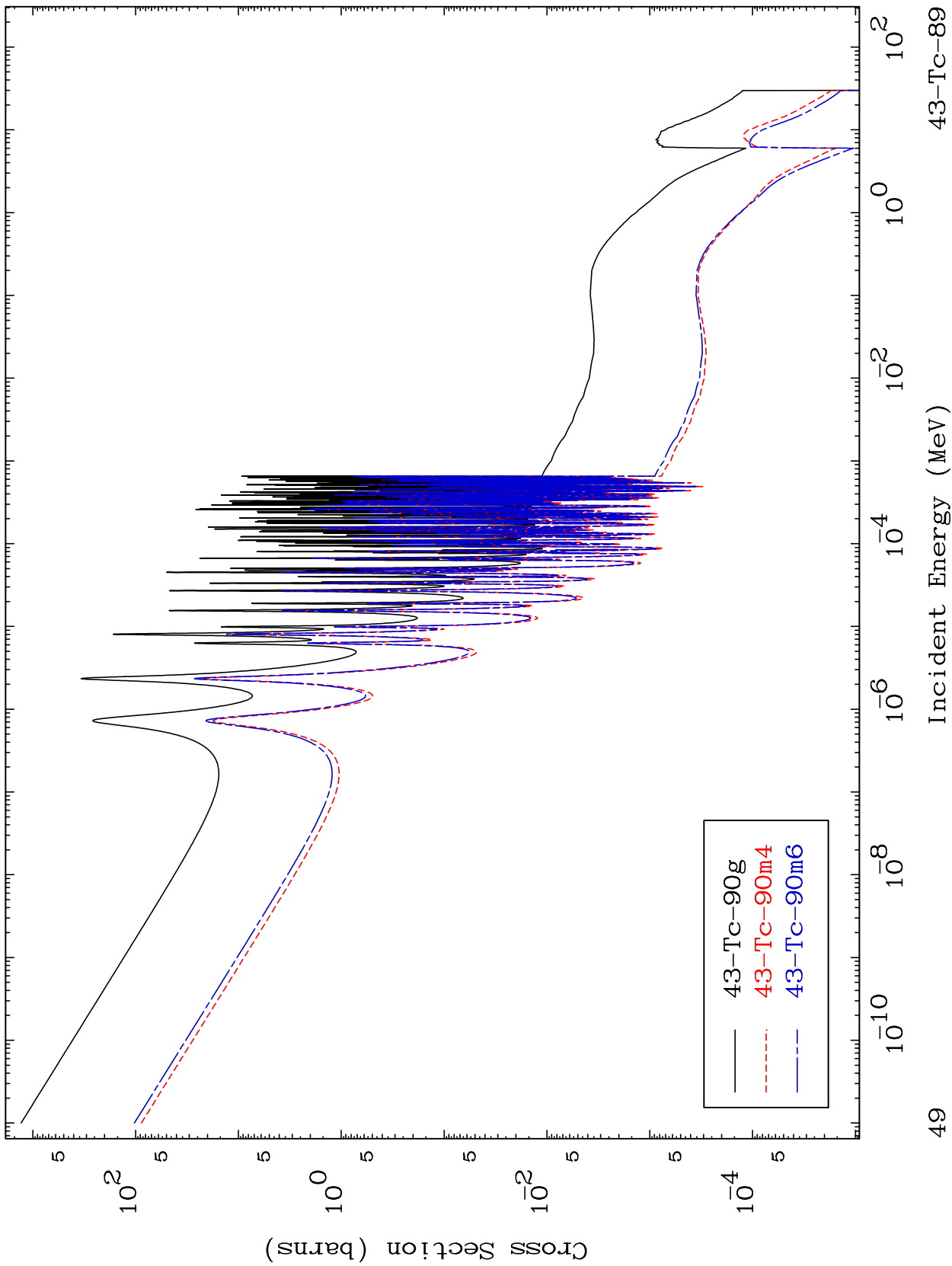


48

Incident Energy (MeV)

43-Tc-89

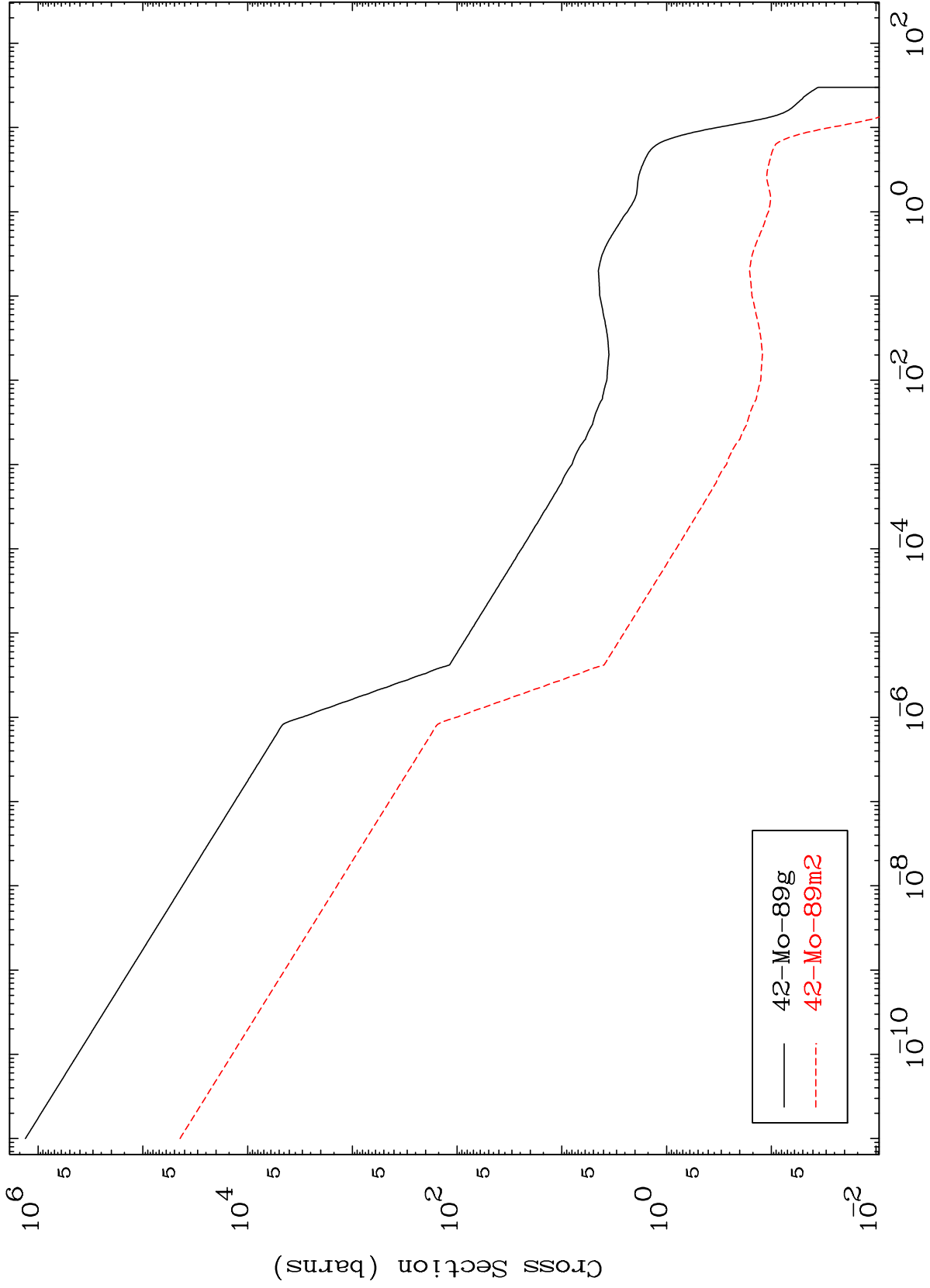
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 4295

43-Tc-89

(n,p)  
Radionuclide Production Cross Section



43-Tc-89

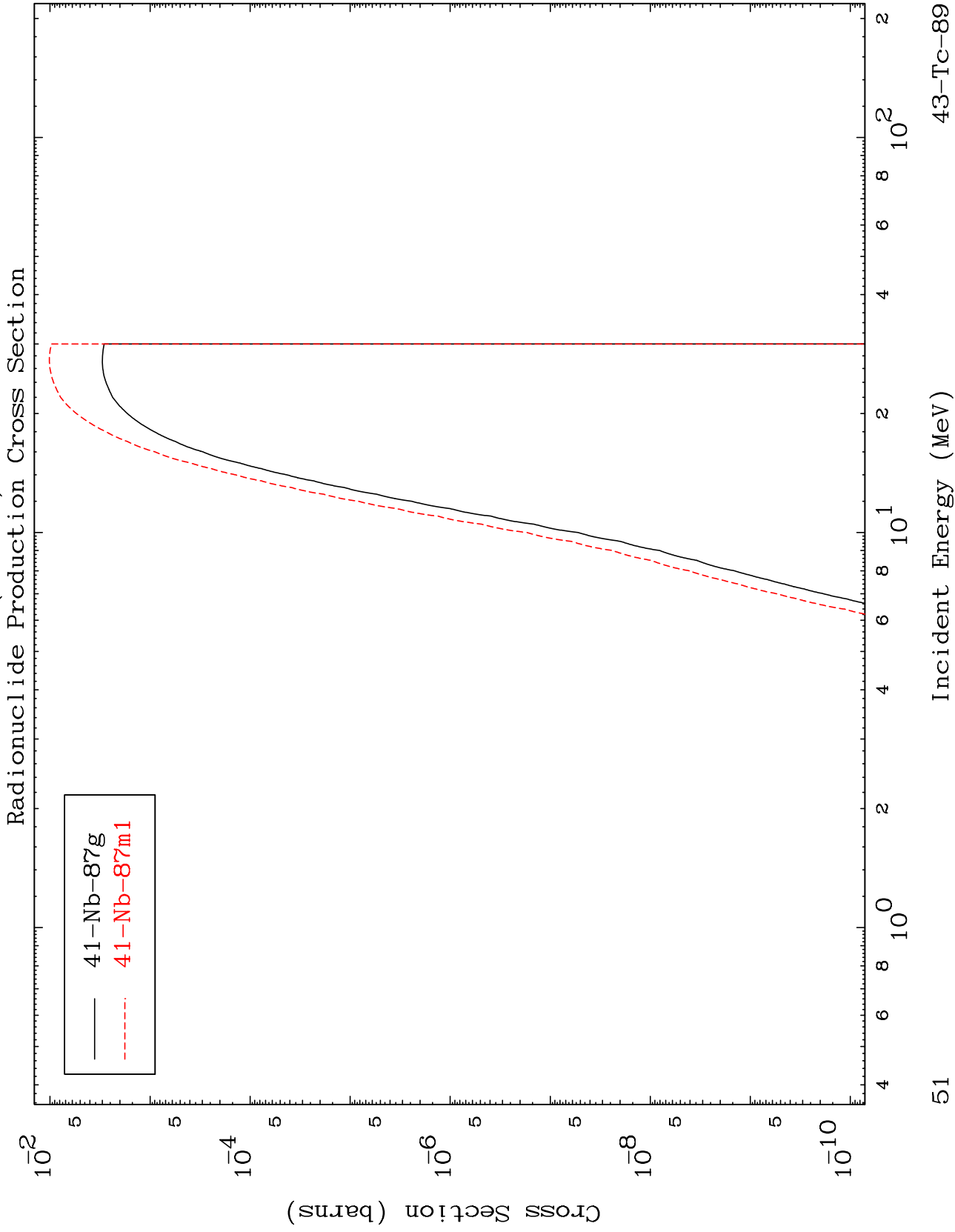
Incident Energy (MeV)

50

MAT 4295

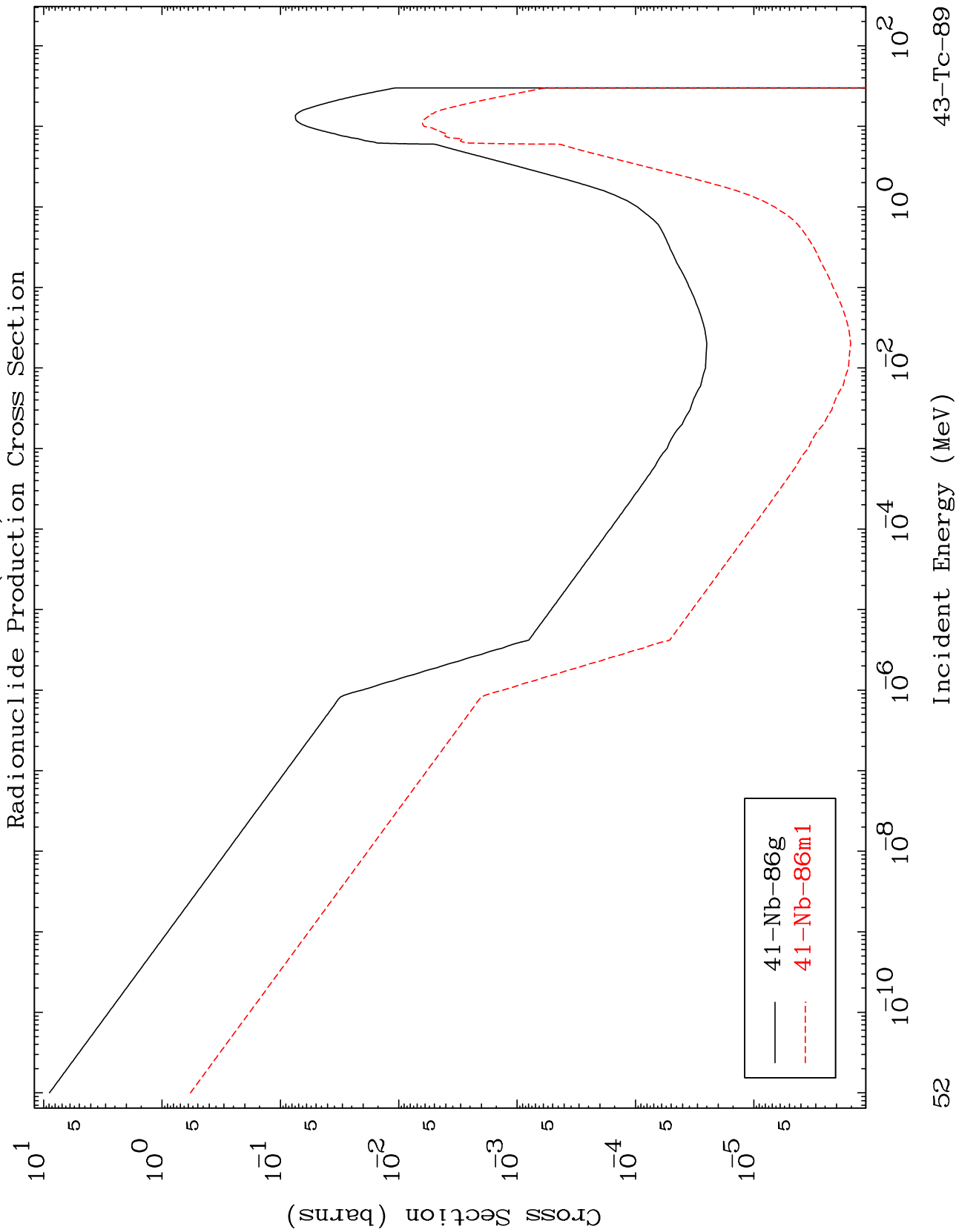
(n,He-3)

43-Tc-89



MAT 4295

43-Tc-89

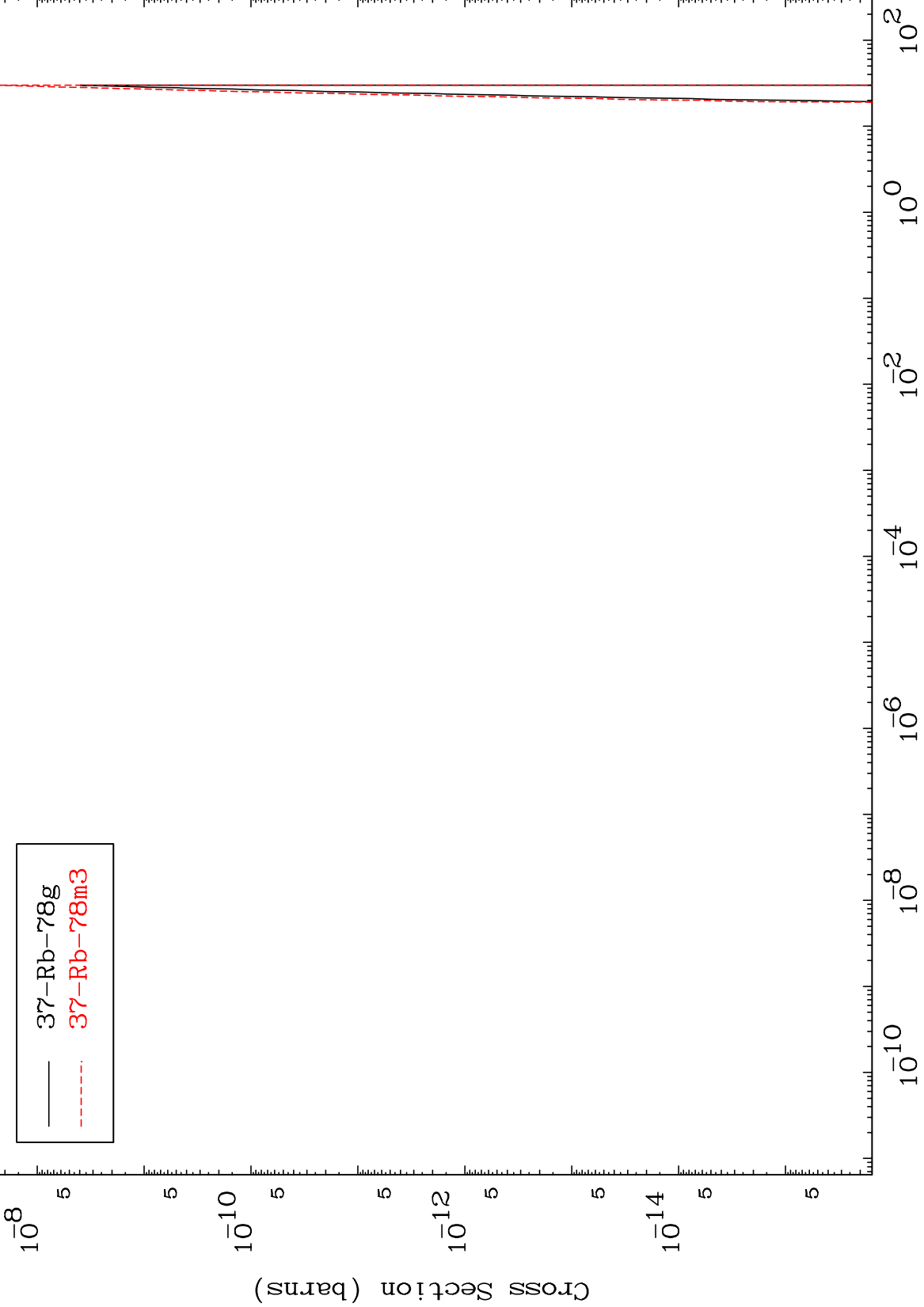


MAT 4295

(n,3 $\alpha$ )

43-Tc-89

Radionuclide Production Cross Section



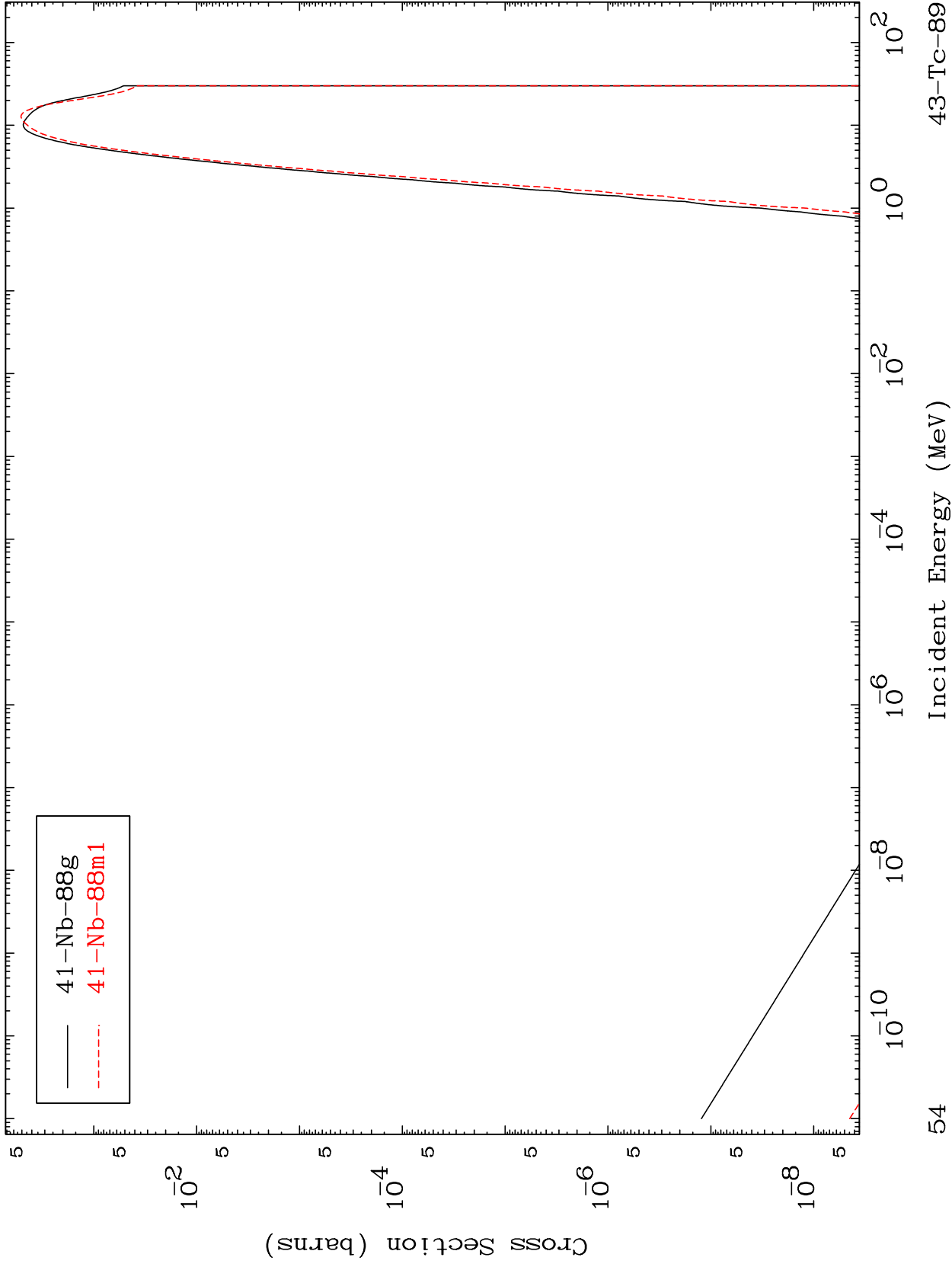
— 37-Rb-78g  
- - - 37-Rb-78m3

MAT 4295

(n,2p)

43-Tc-89

Radionuclide Production Cross Section

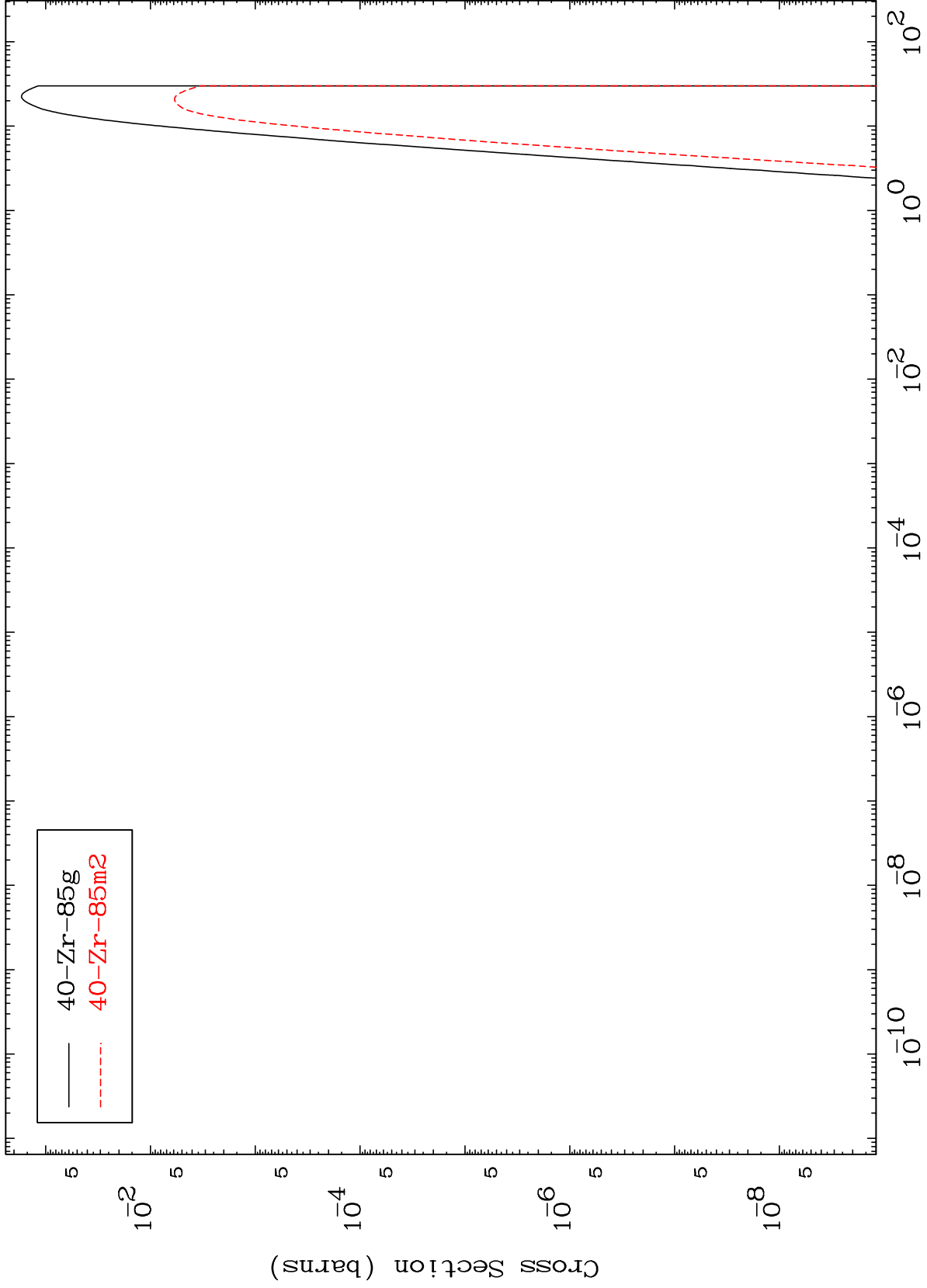


MAT 4295

(n,p)  $\alpha$

43-Tc-89

Radionuclide Production Cross Section



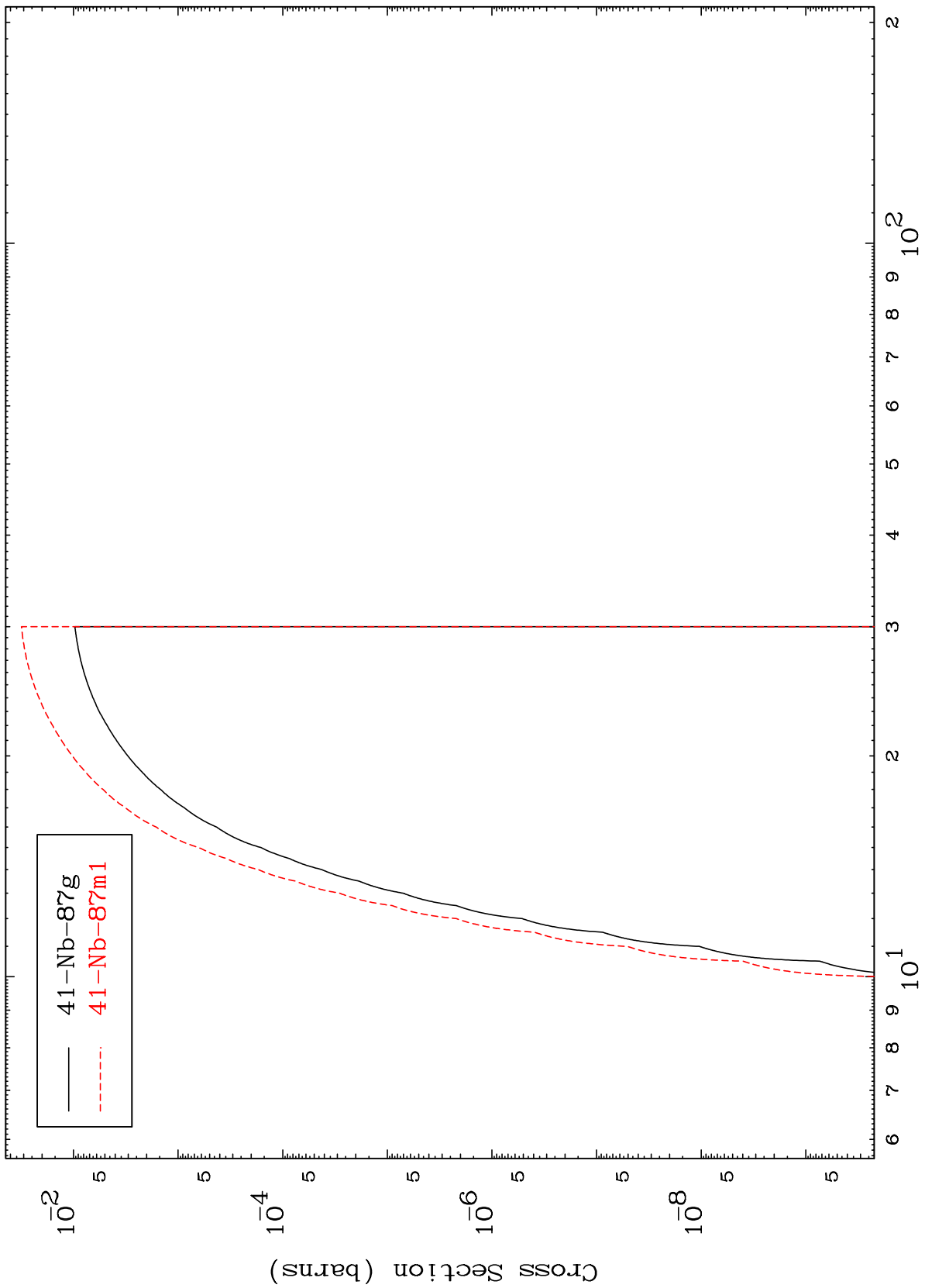
55

Incident Energy (MeV)

43-Tc-89



Radionuclide Production Cross Section

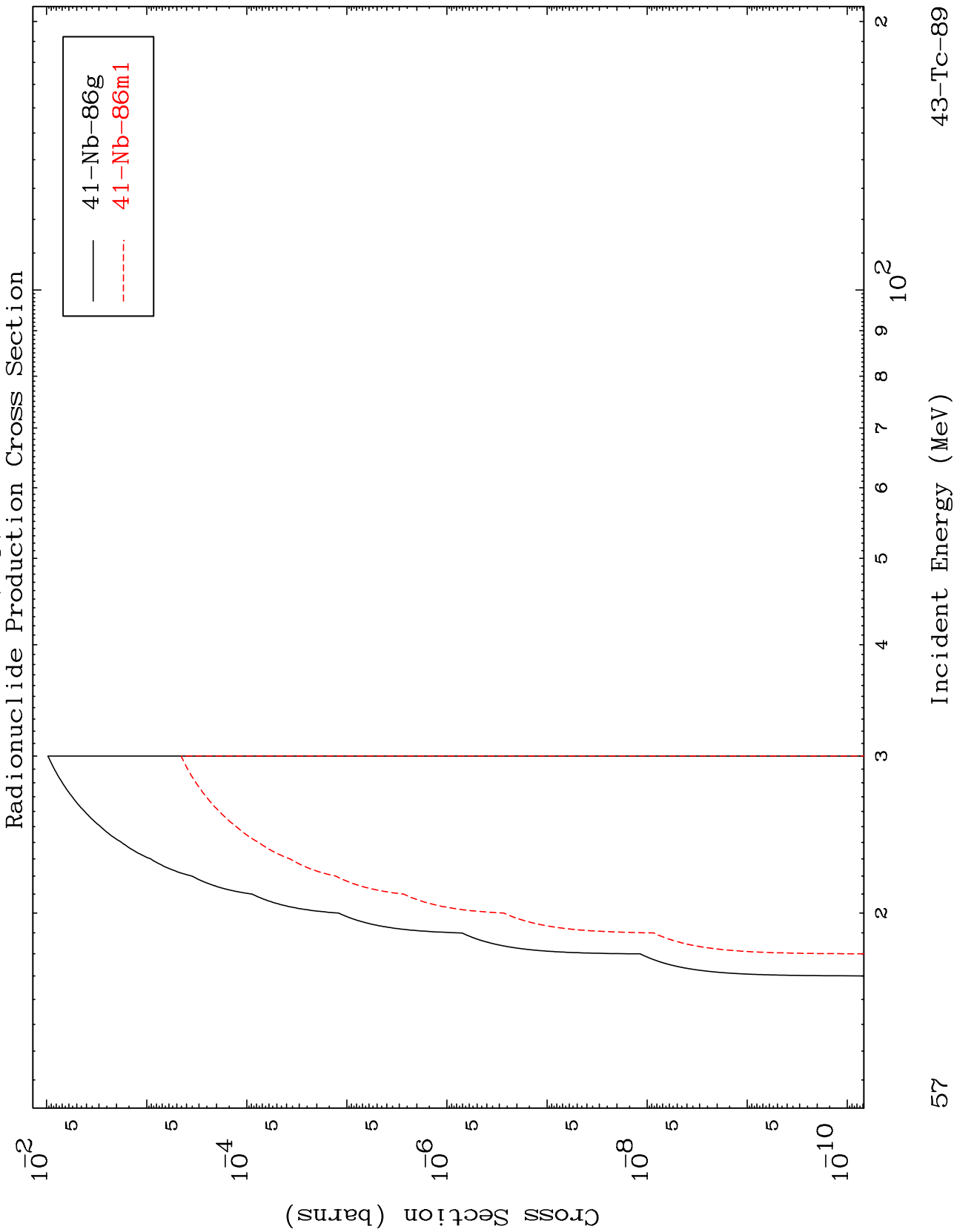


— 41-Nb-87g  
- - - 41-Nb-87m1

MAT 4295

(n,p) t

43-Tc-89



57

43-Tc-89