

Program EVALPLOT  
(Version 2018-1)

by

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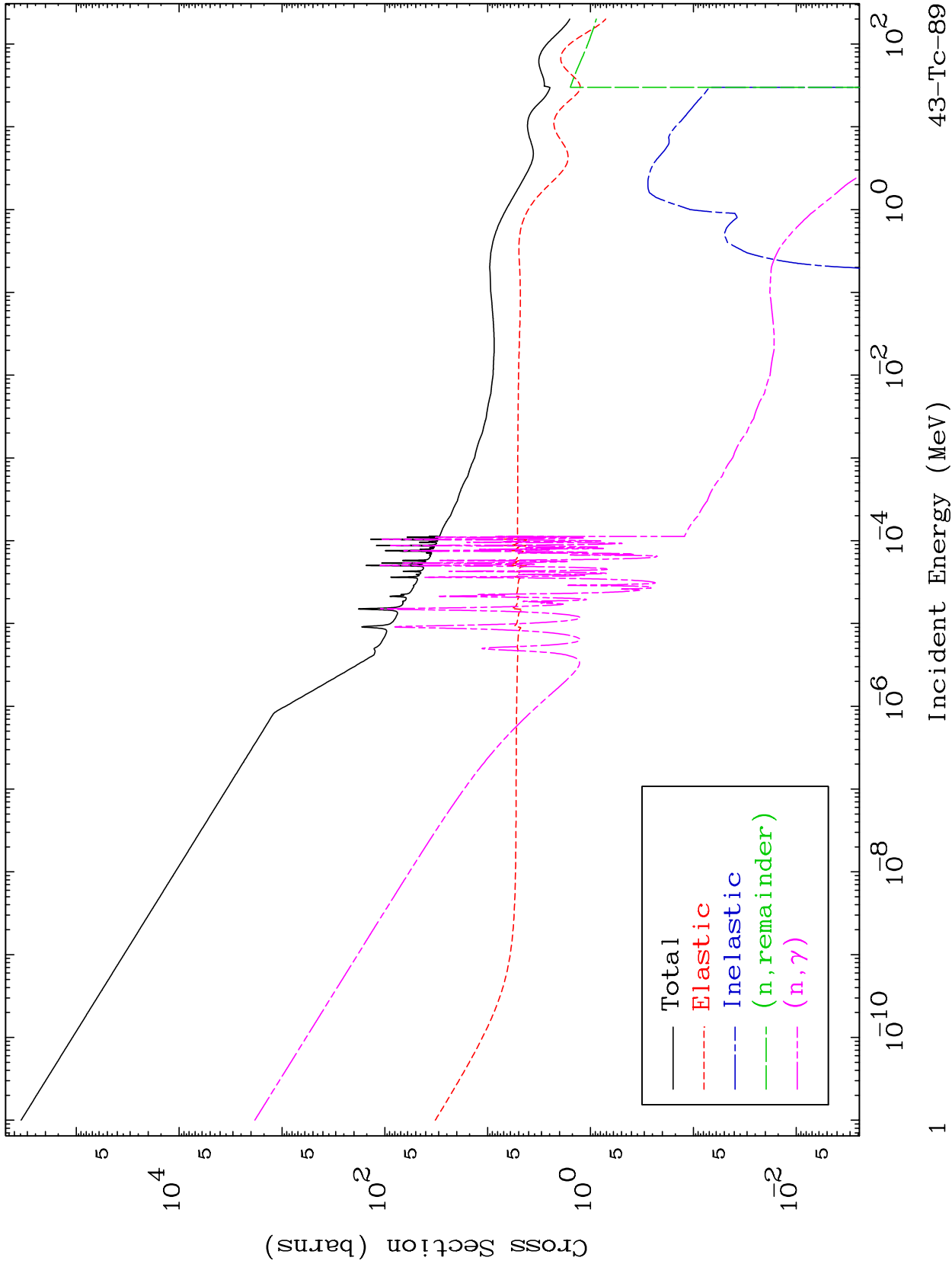
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Press Mouse Button to Start

MAT 4295

Major  
293 Kelvin Cross Sections

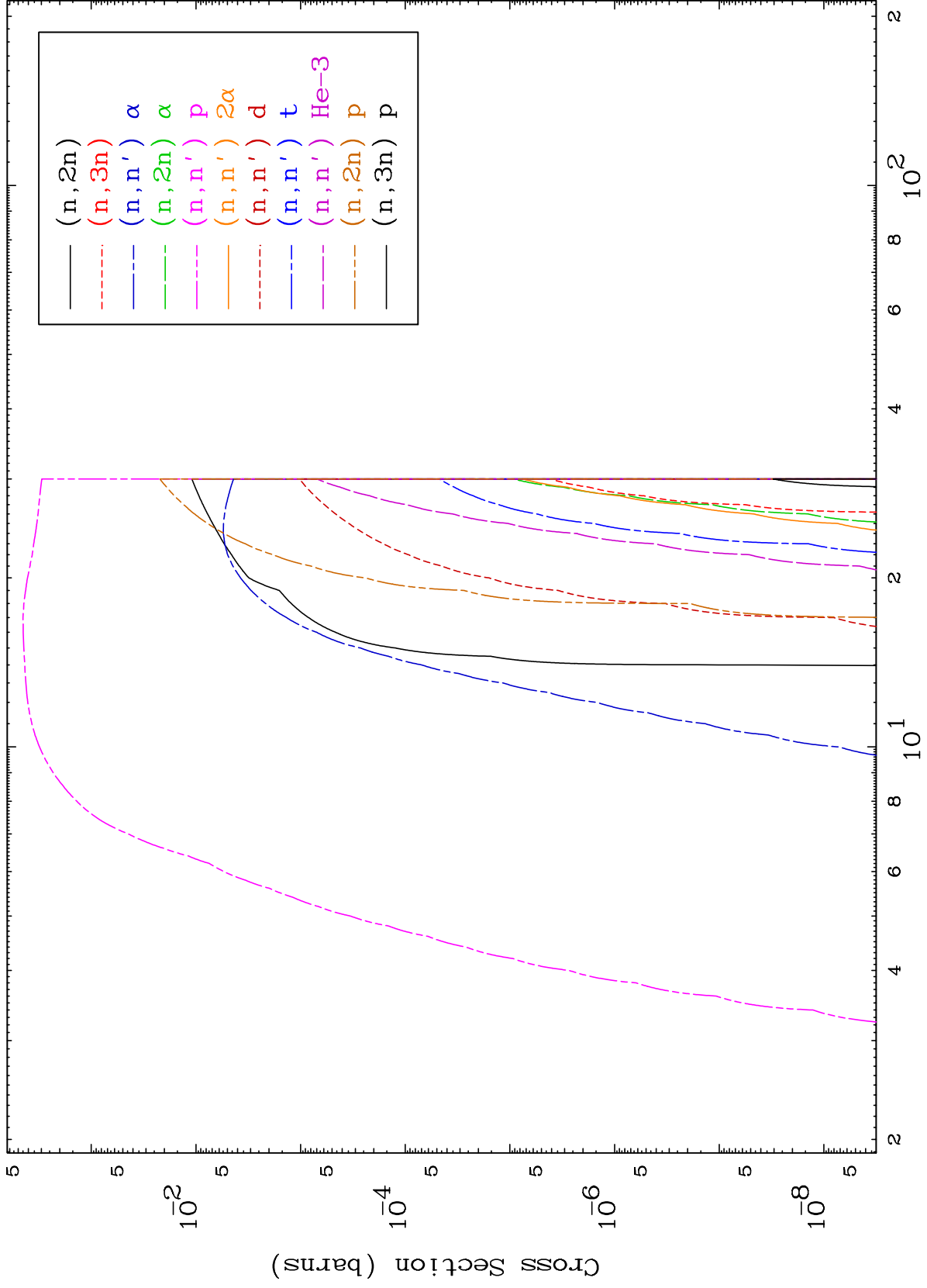
43-Tc-89



MAT 4295

Neutron Production  
293 Kelvin Cross Sections

43-Tc-89



43-Tc-89

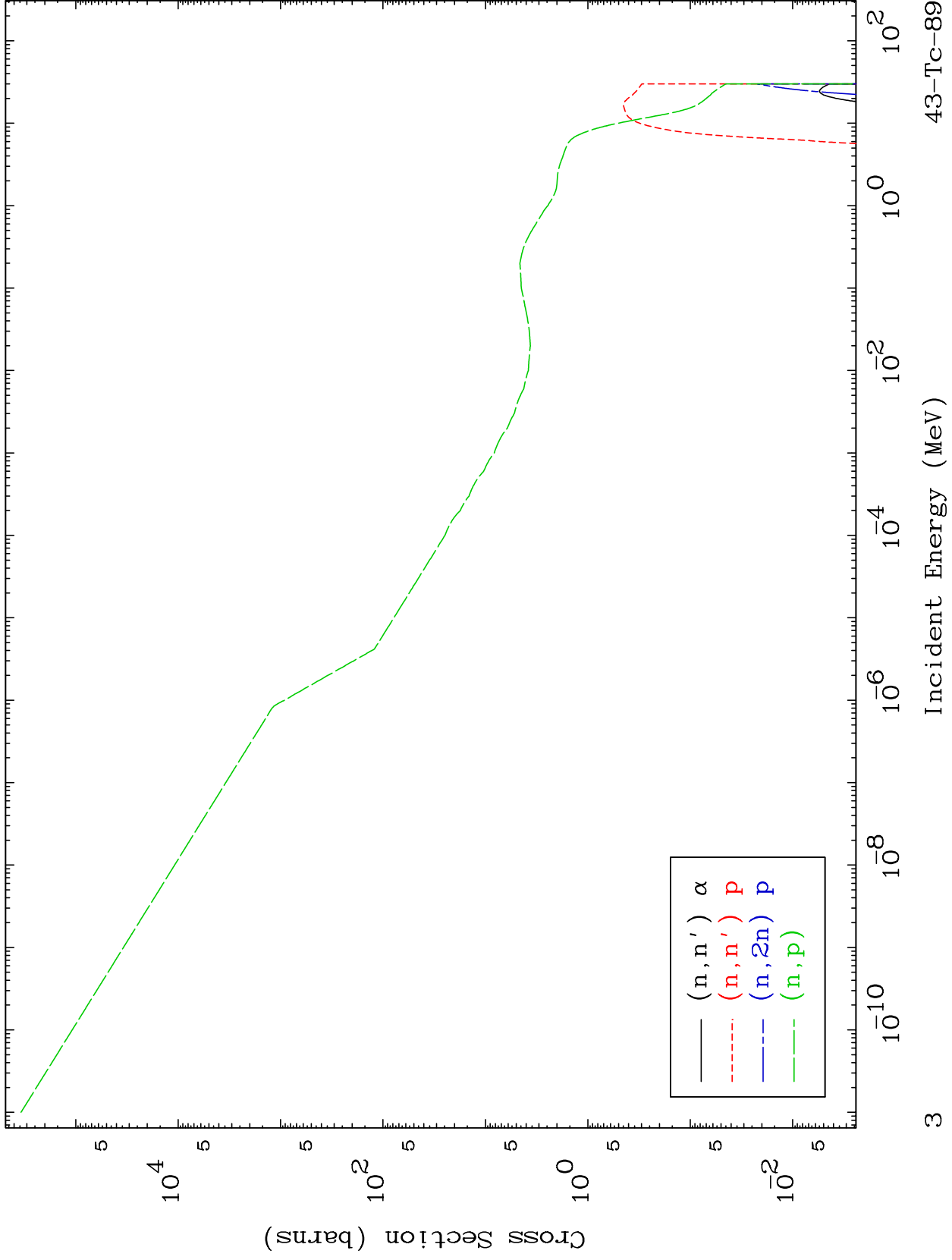
Incident Energy (MeV)

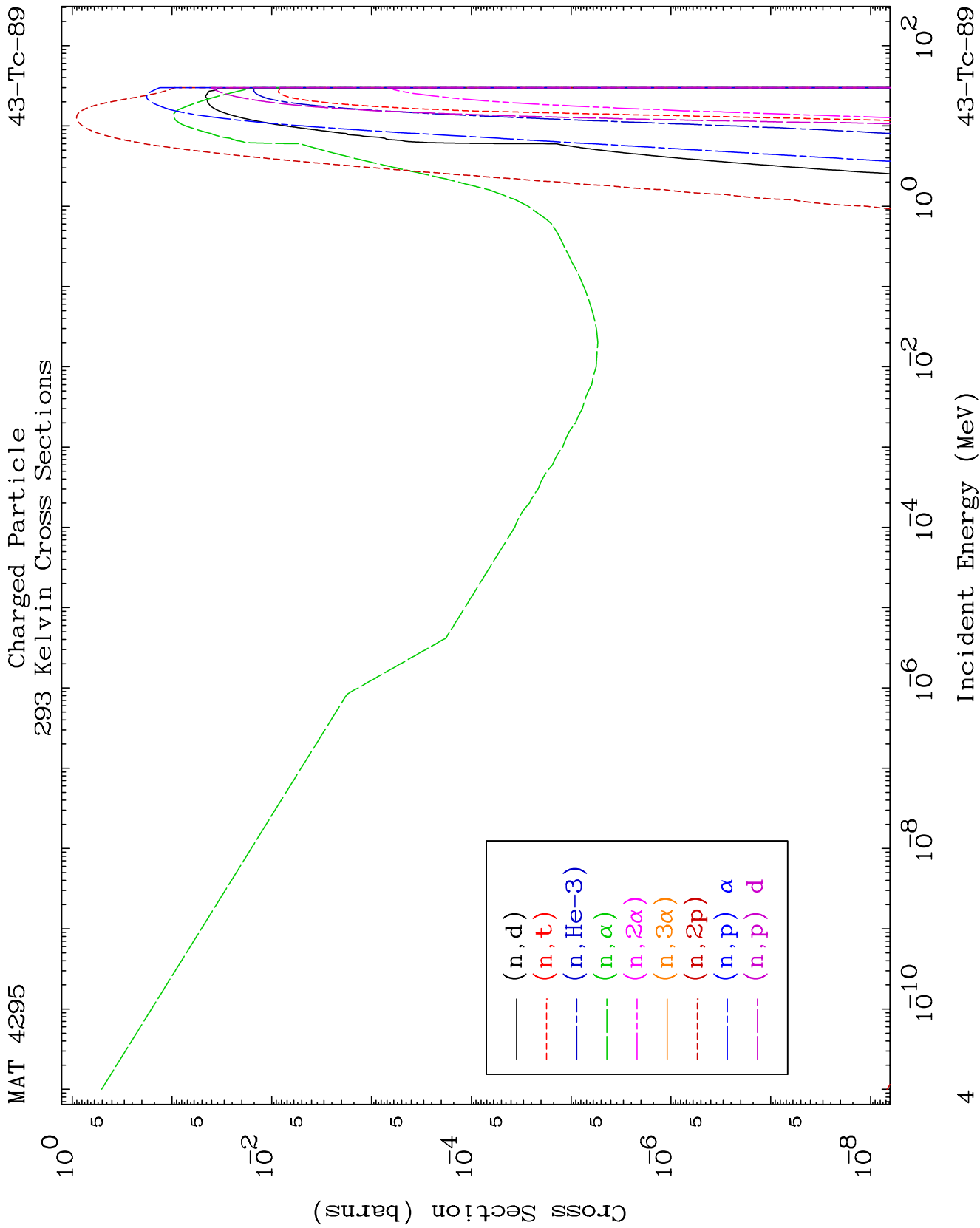
2

MAT 4295

Charged Particle  
293 Kelvin Cross Sections

43-Tc-89

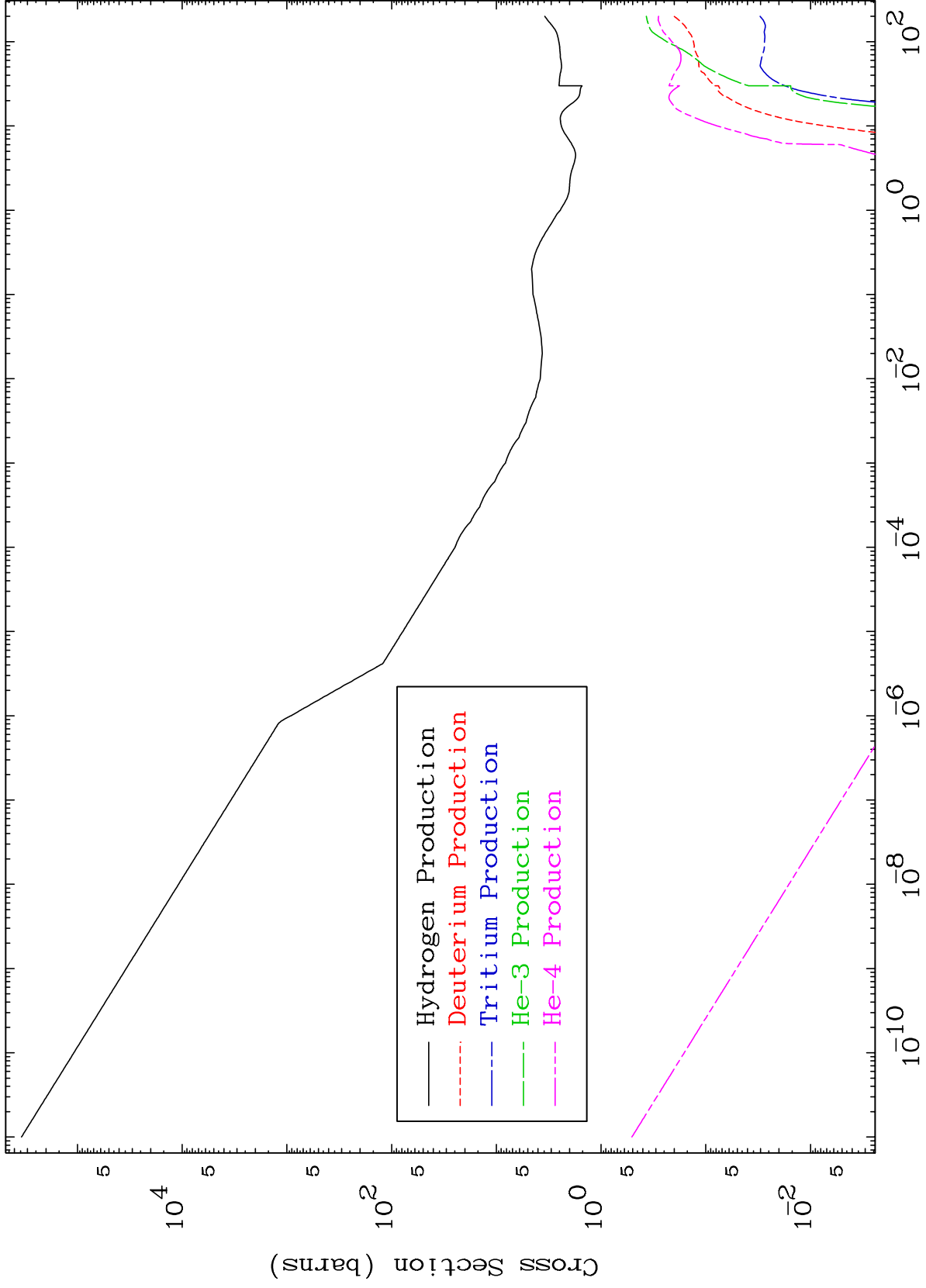




MAT 4295

Particle Production  
293 Kelvin Cross Sections

43-Tc-89



5

Incident Energy (MeV)

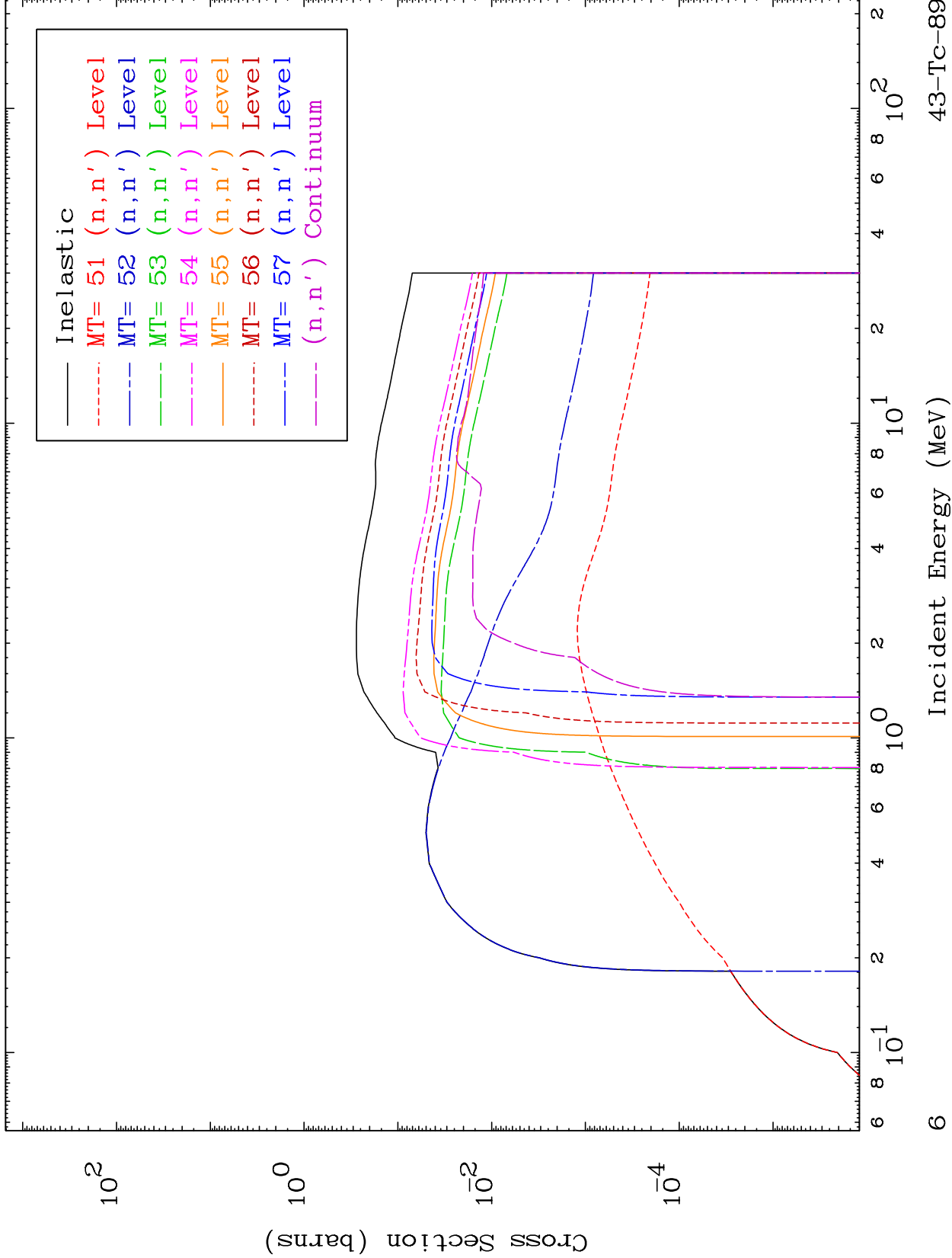
43-Tc-89

MAT 4295

(n,n') Level

43-Tc-89

293 Kelvin Cross Sections



6

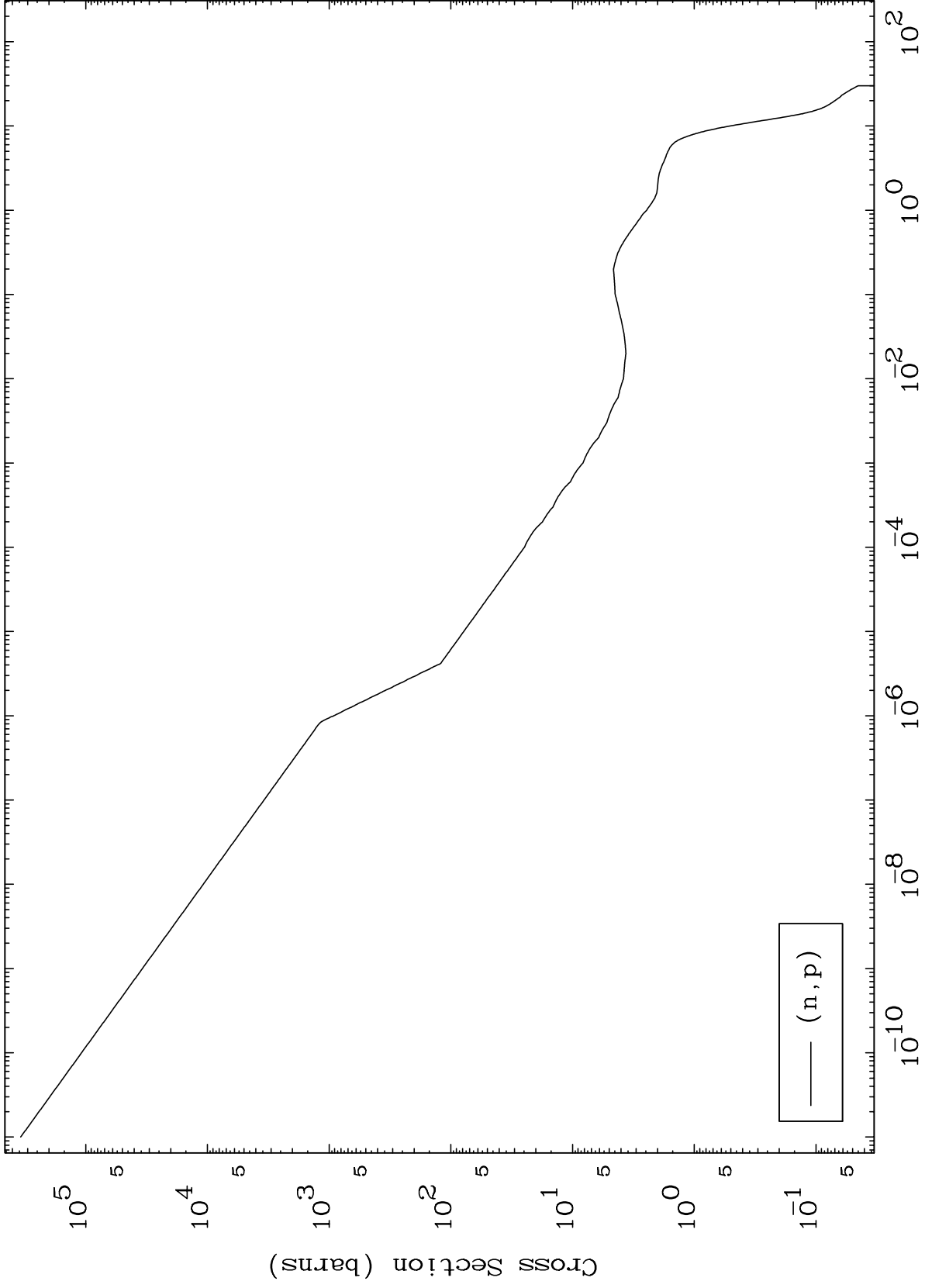
Incident Energy (MeV)

43-Tc-89

MAT 4295

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-89



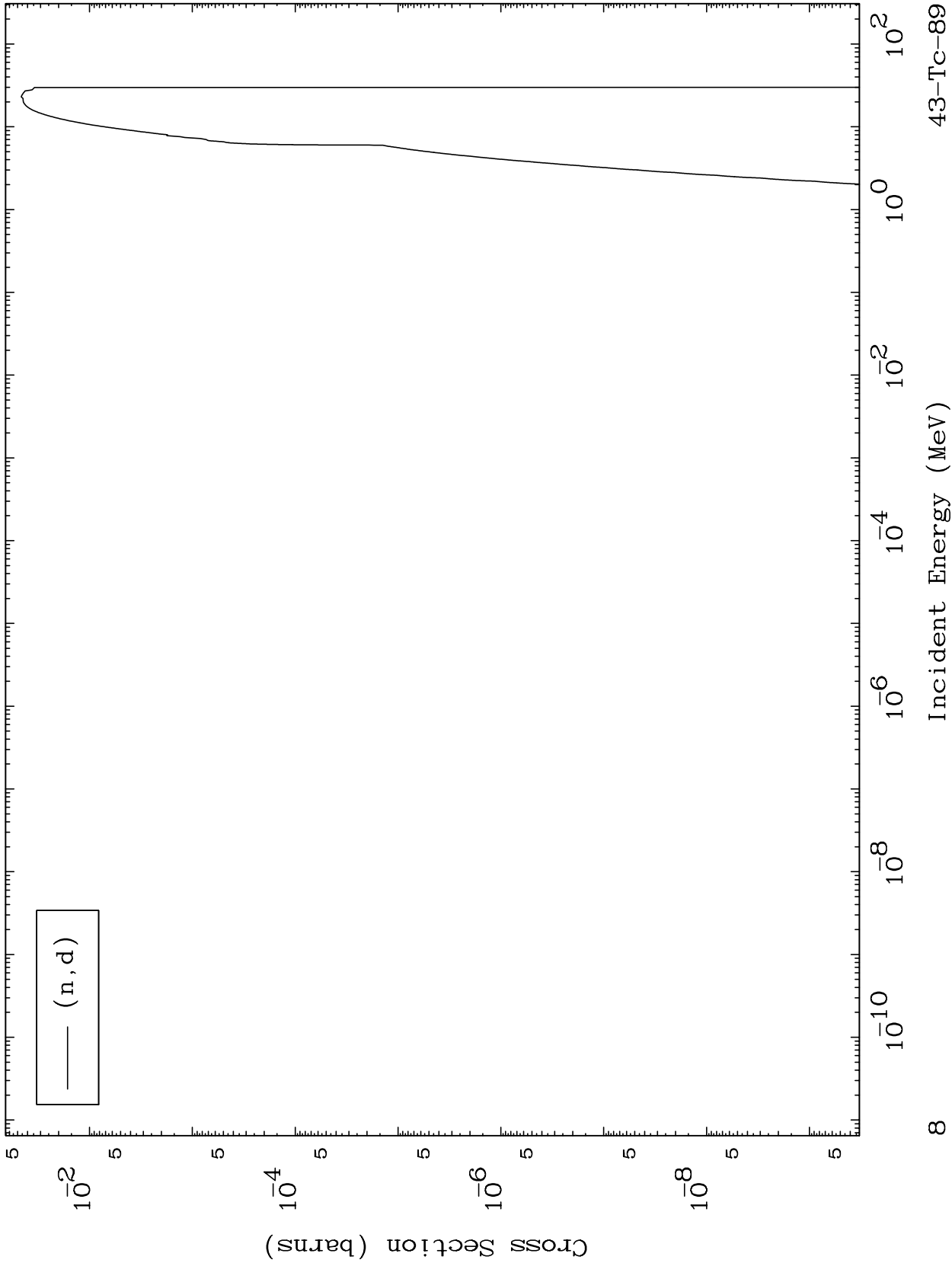
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MAT 4295

(n,d) Levels  
293 Kelvin Cross Sections

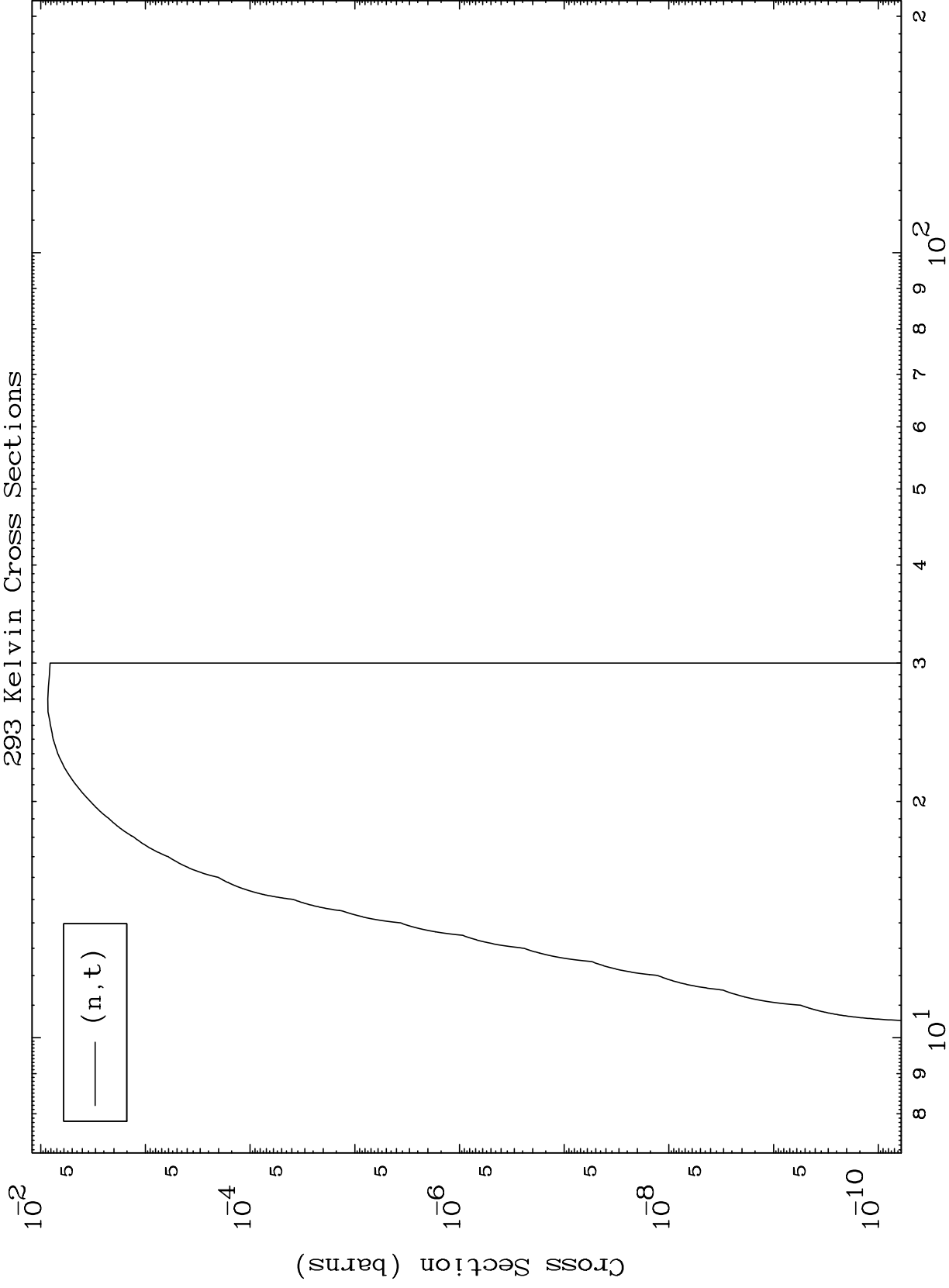
43-Tc-89



MAT 4295

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-89



9

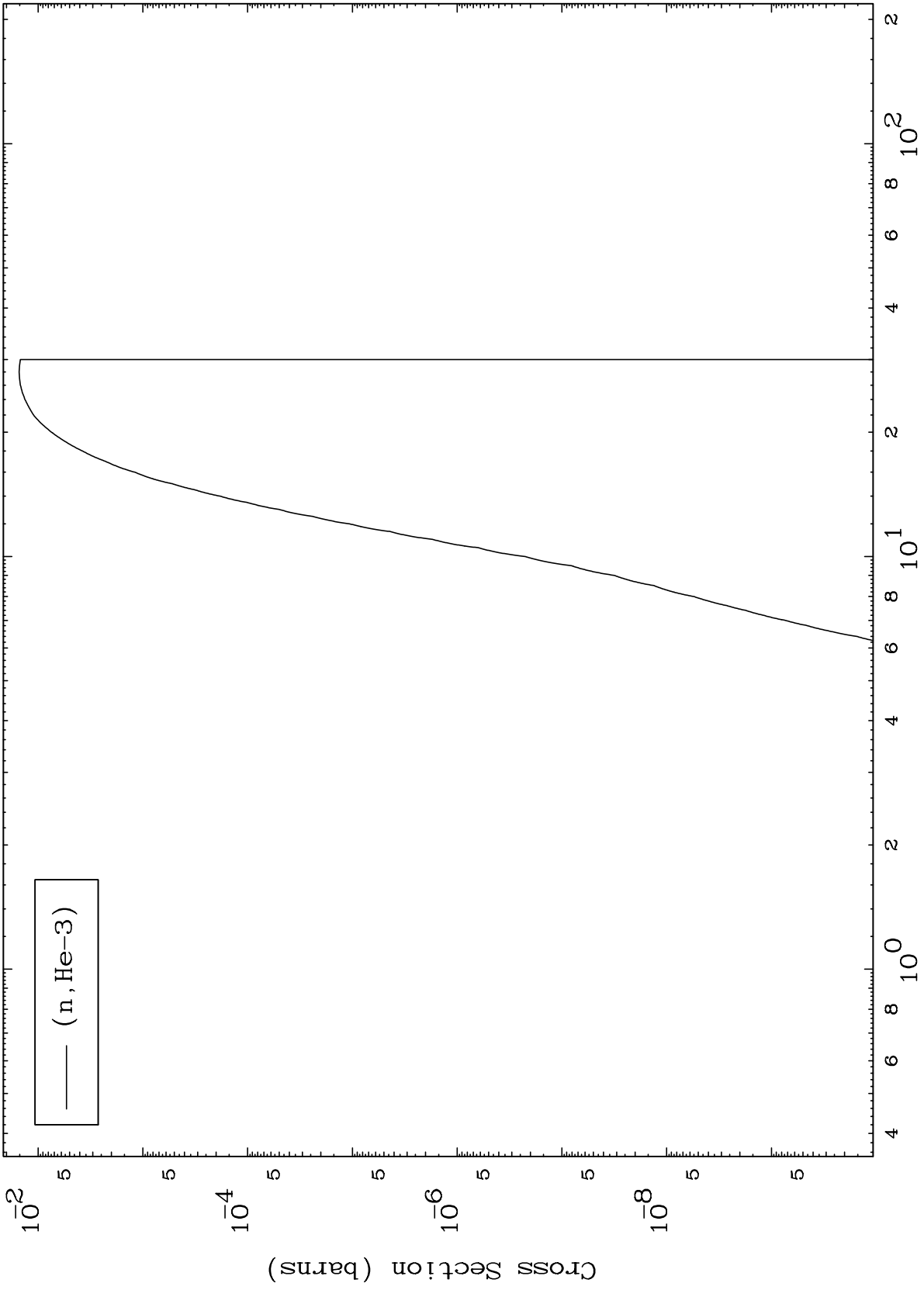
Incident Energy (MeV)

43-Tc-89

MAT 4295

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-89



10

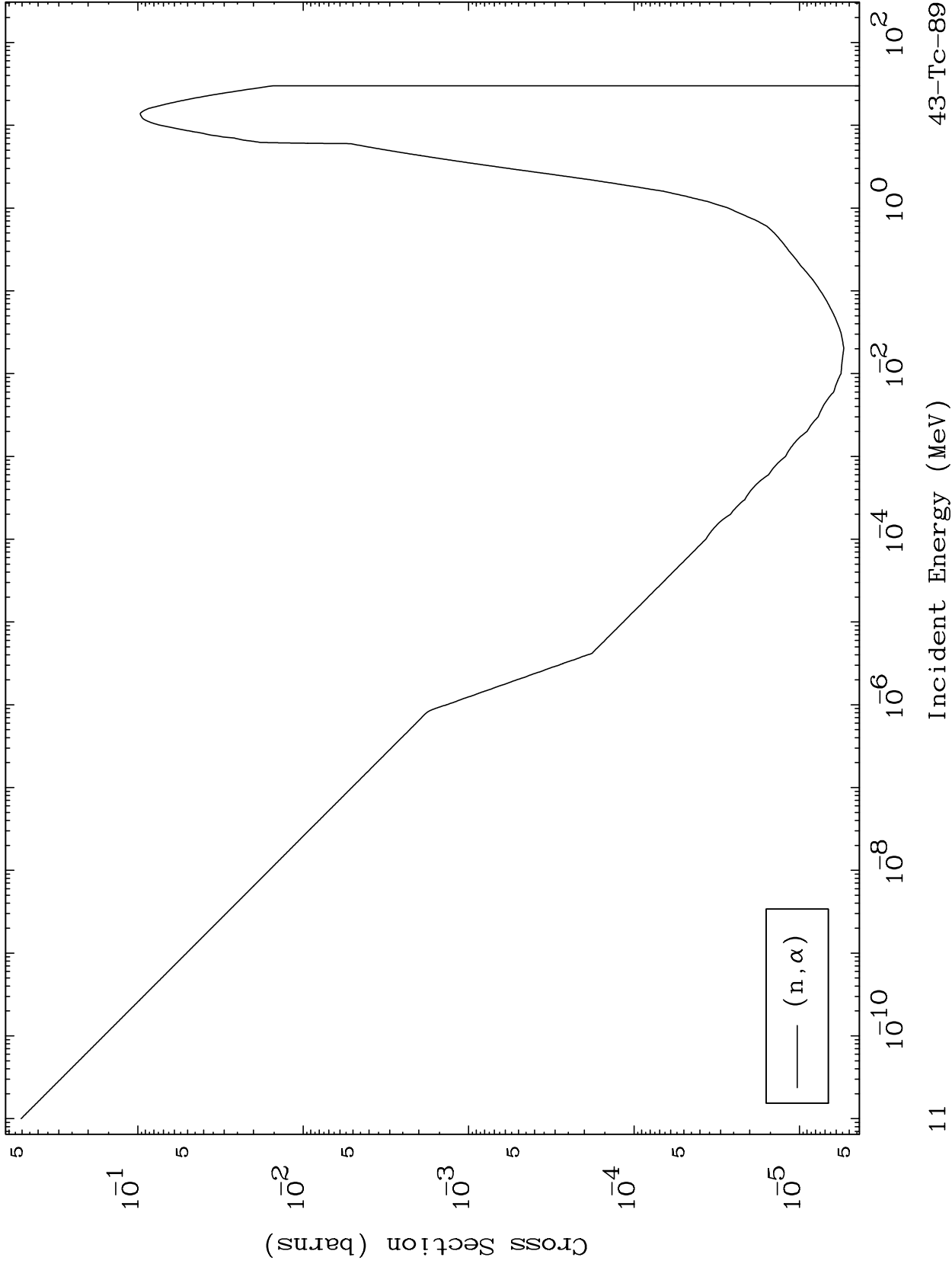
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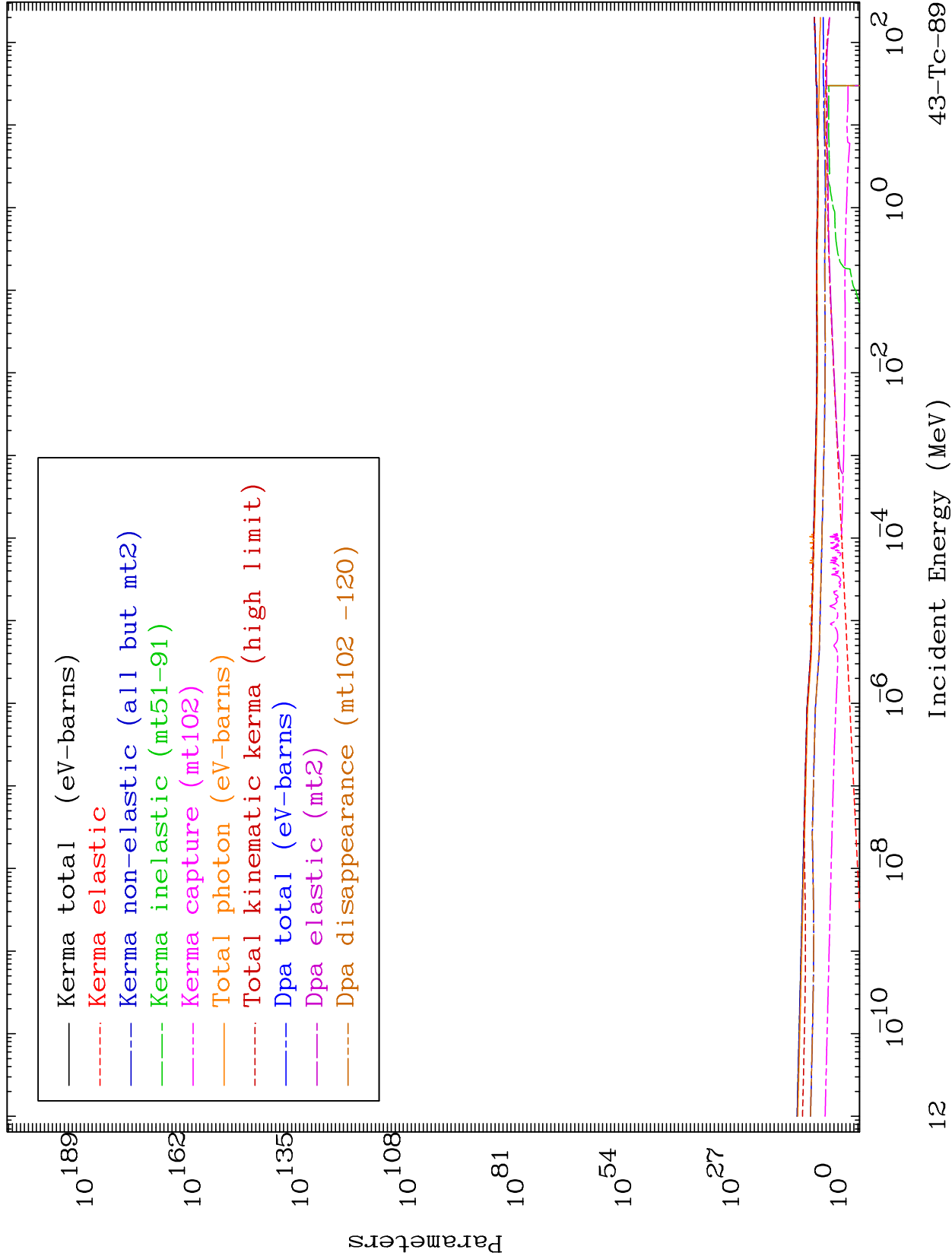
43-Tc-89

MAT 4295

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

43-Tc-89

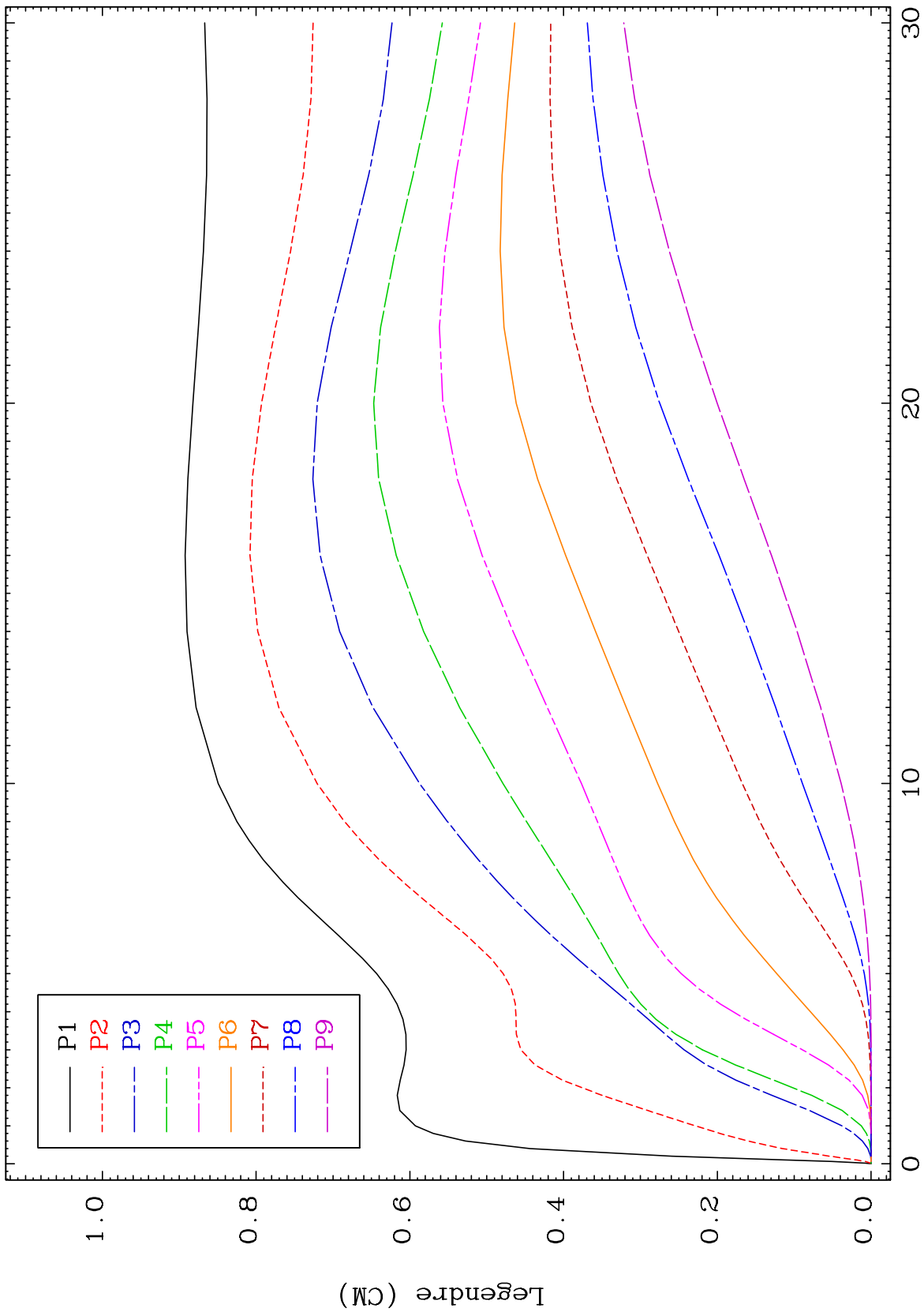




MAT 4295

Elastic Legendre Coefficients

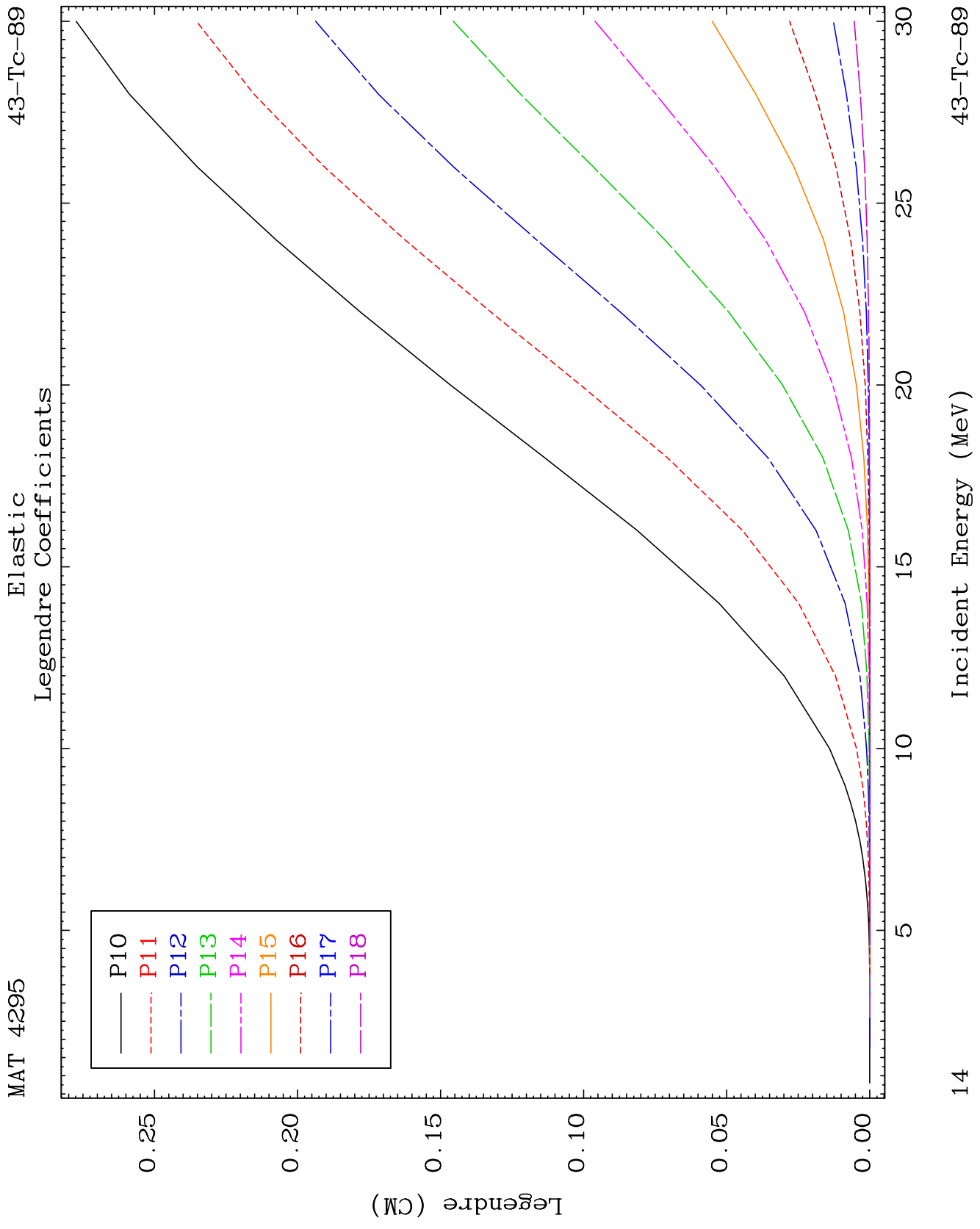
43-Tc-89



13

Incident Energy (MeV)

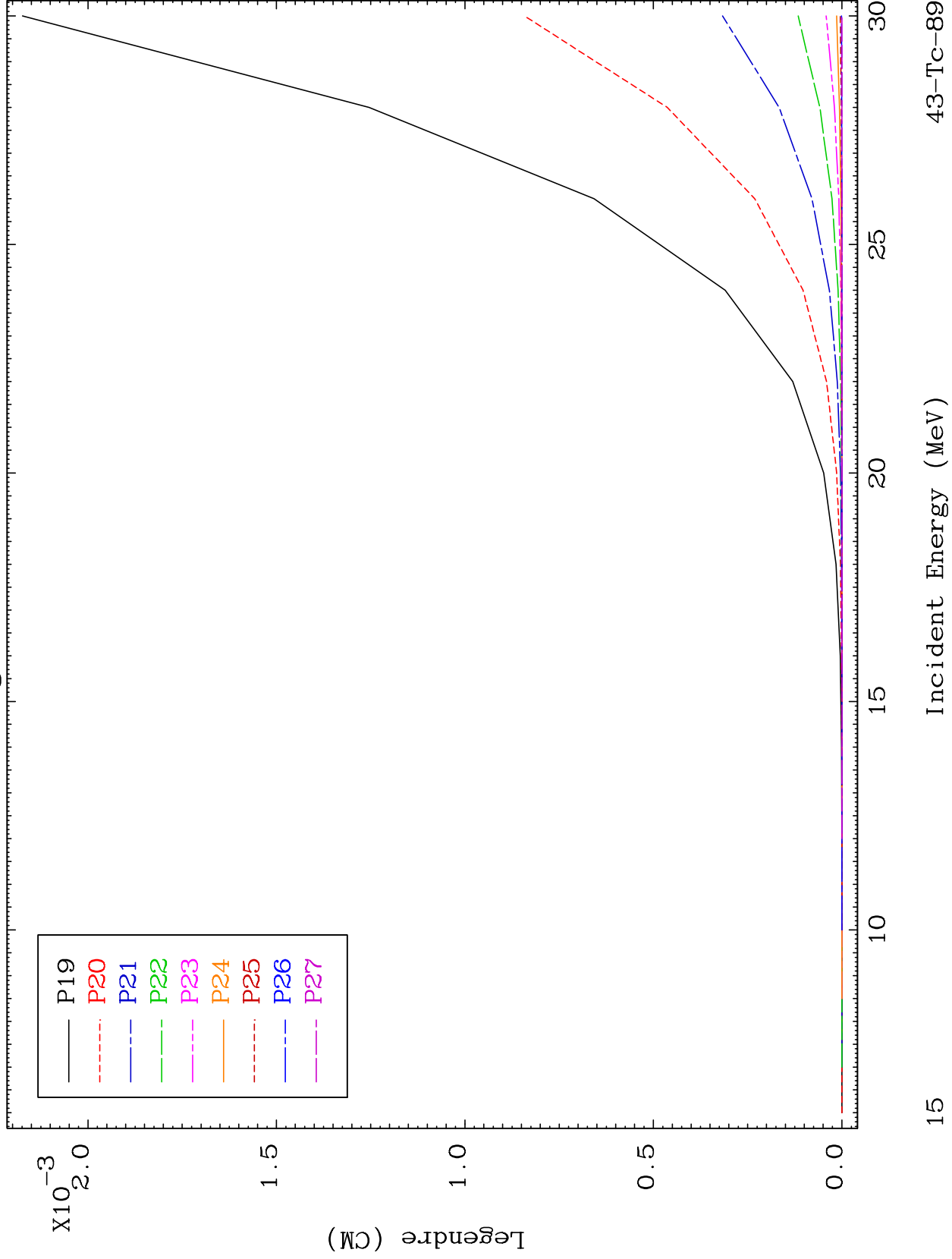
43-Tc-89



MAT 4295

### Elastic Legendre Coefficients

43-Tc-89

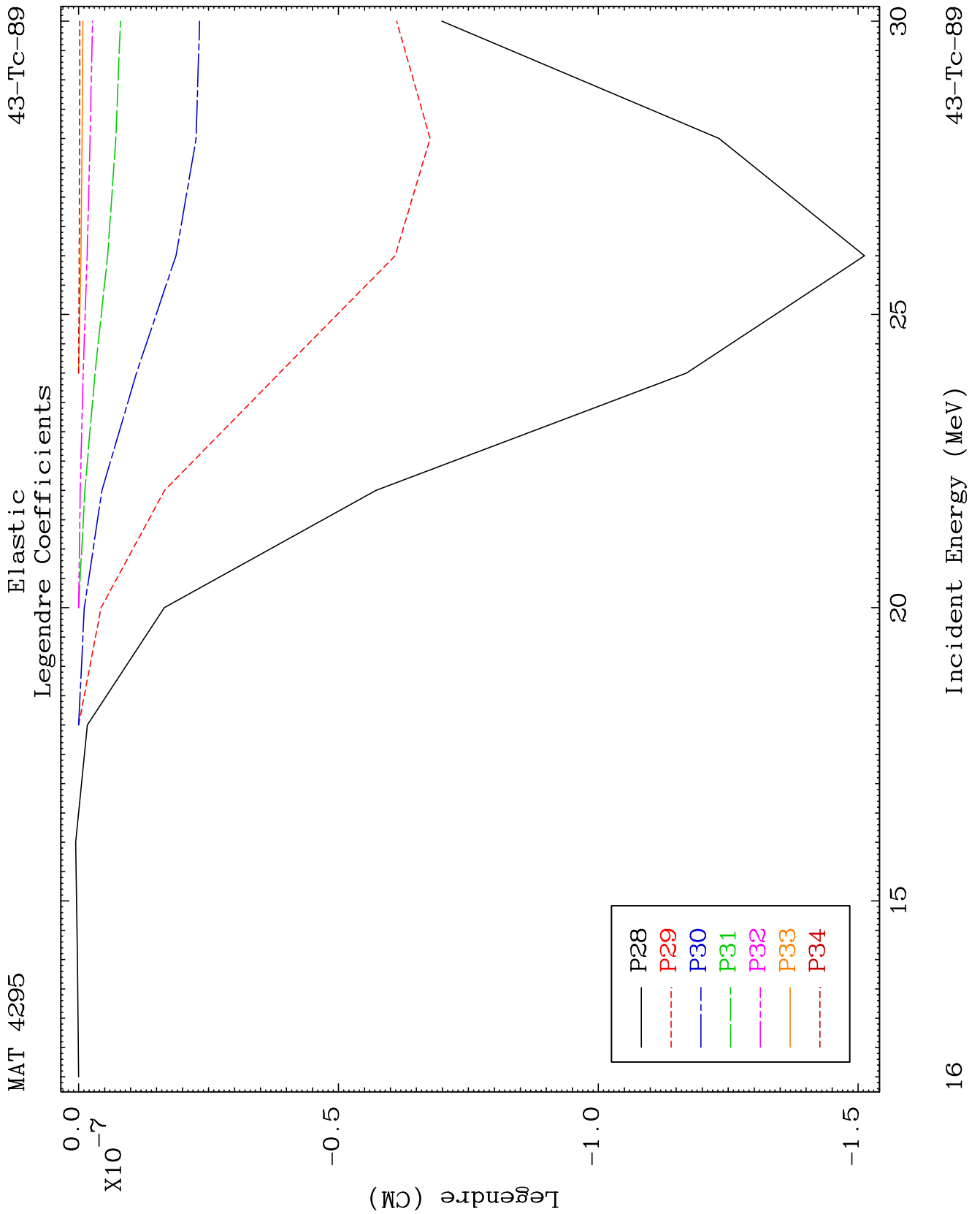


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Incident Energy (MeV)

43-Tc-89

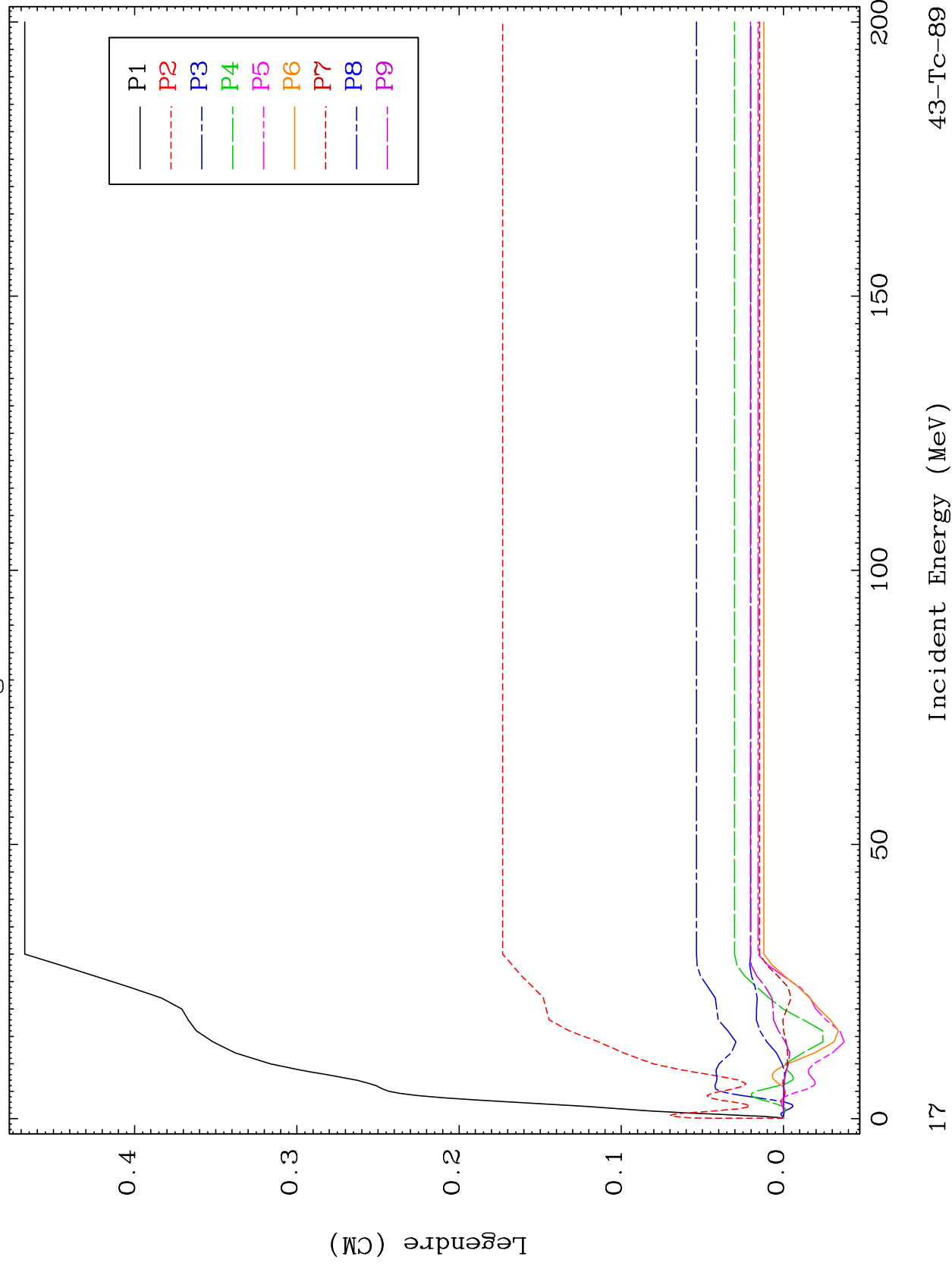




MAT 4295

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

43-Tc-89



43-Tc-89

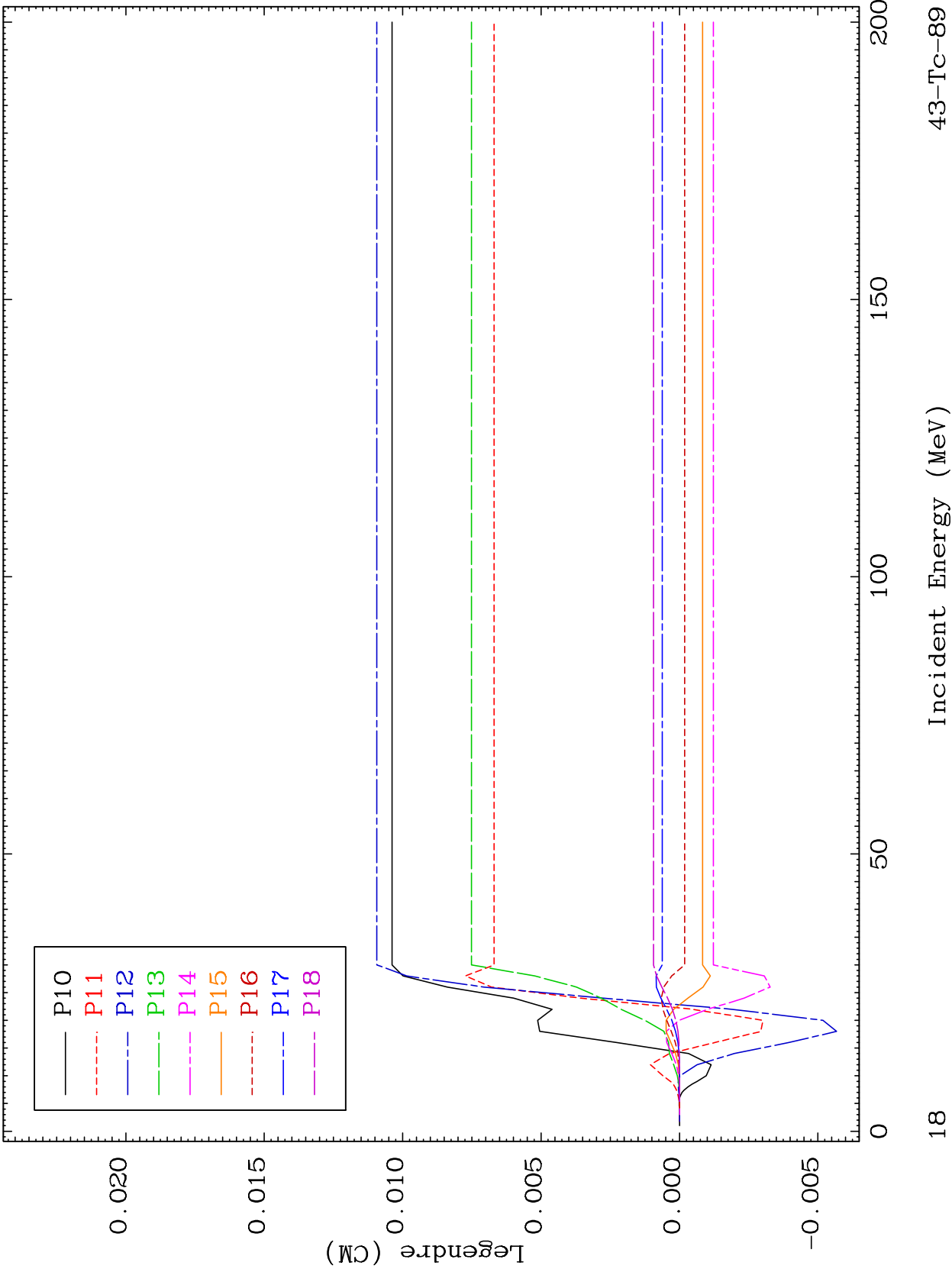
Incident Energy (MeV)

17

MAT 4295

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

43-Tc-89



18

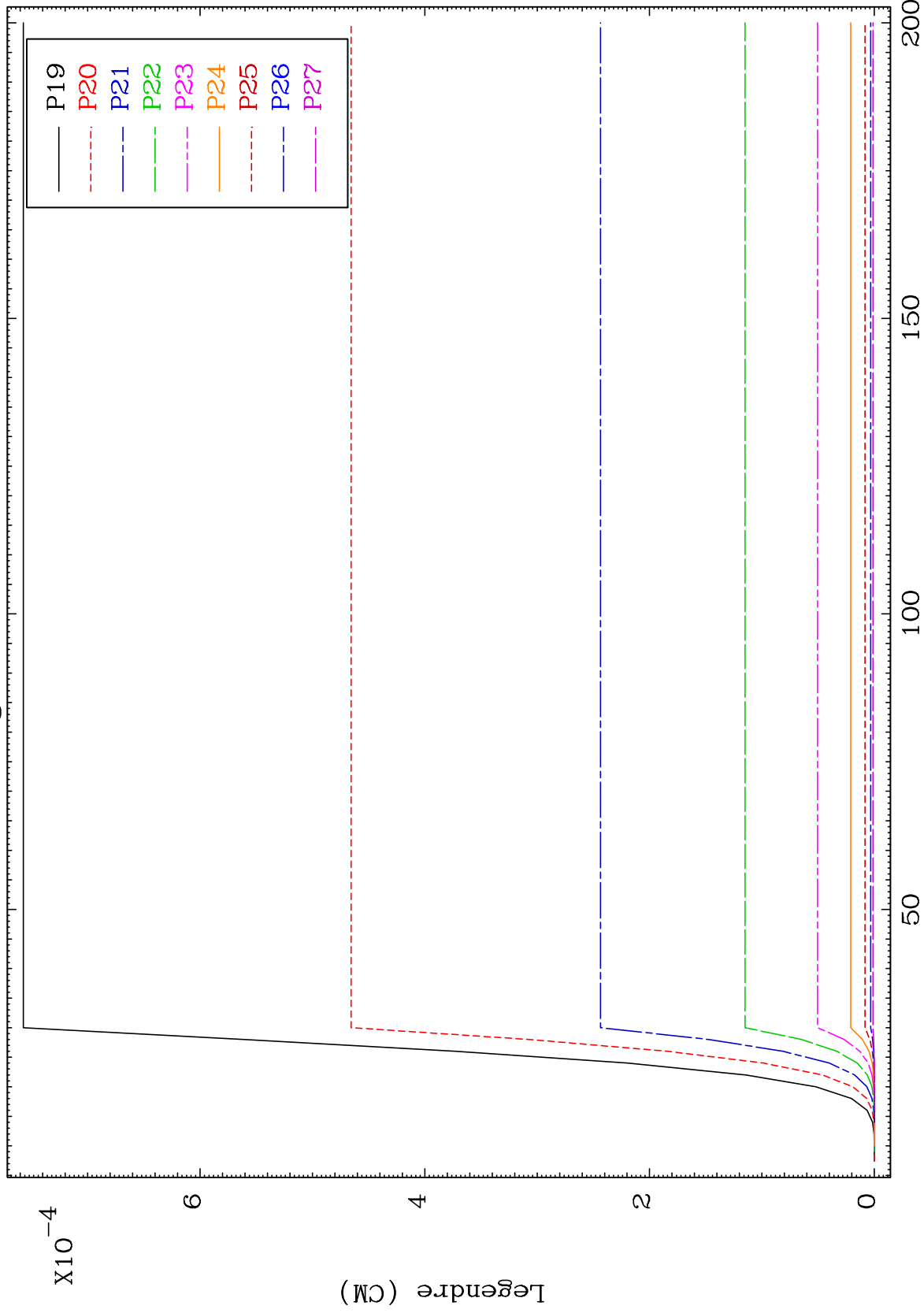
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



19

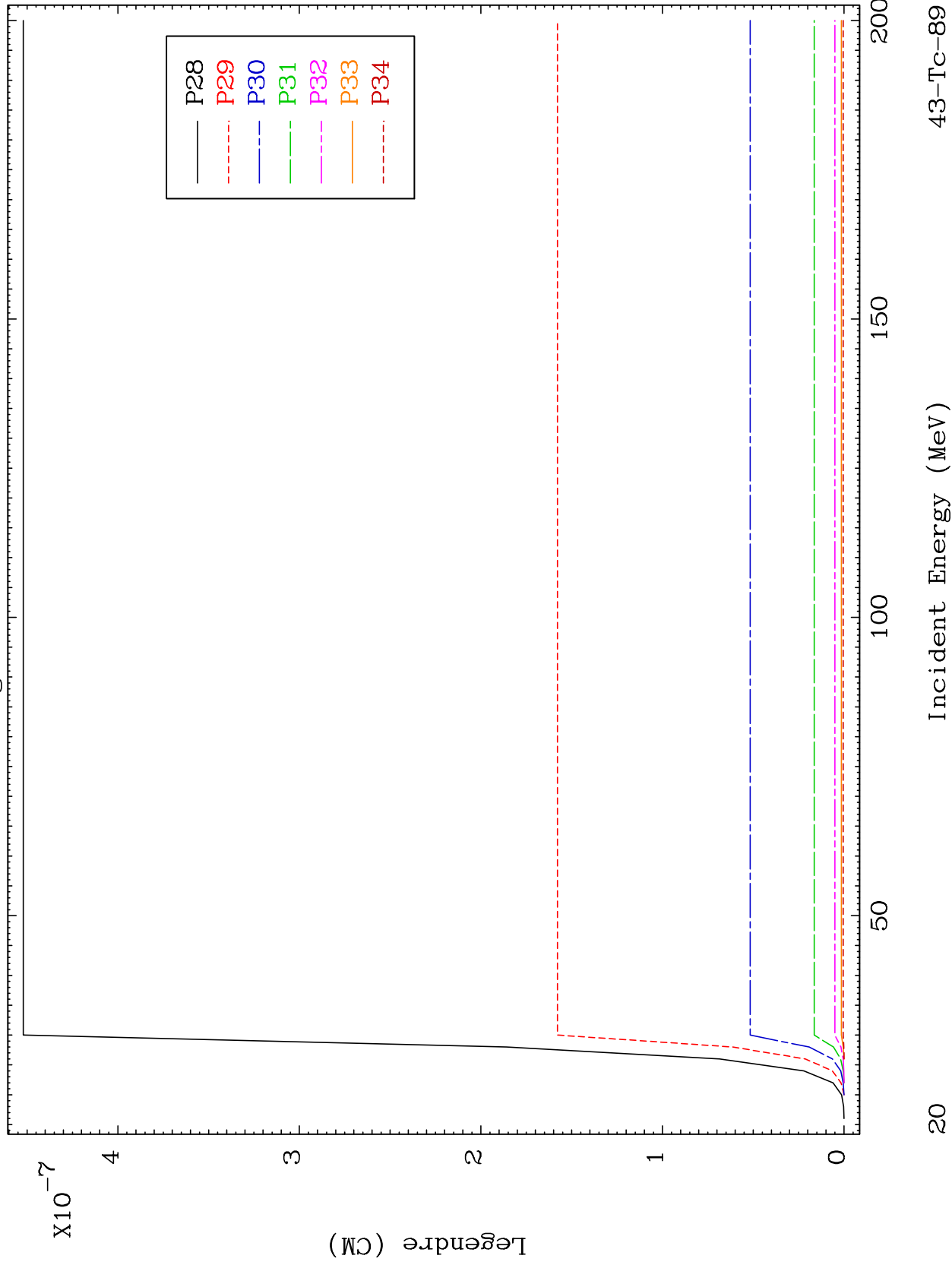
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

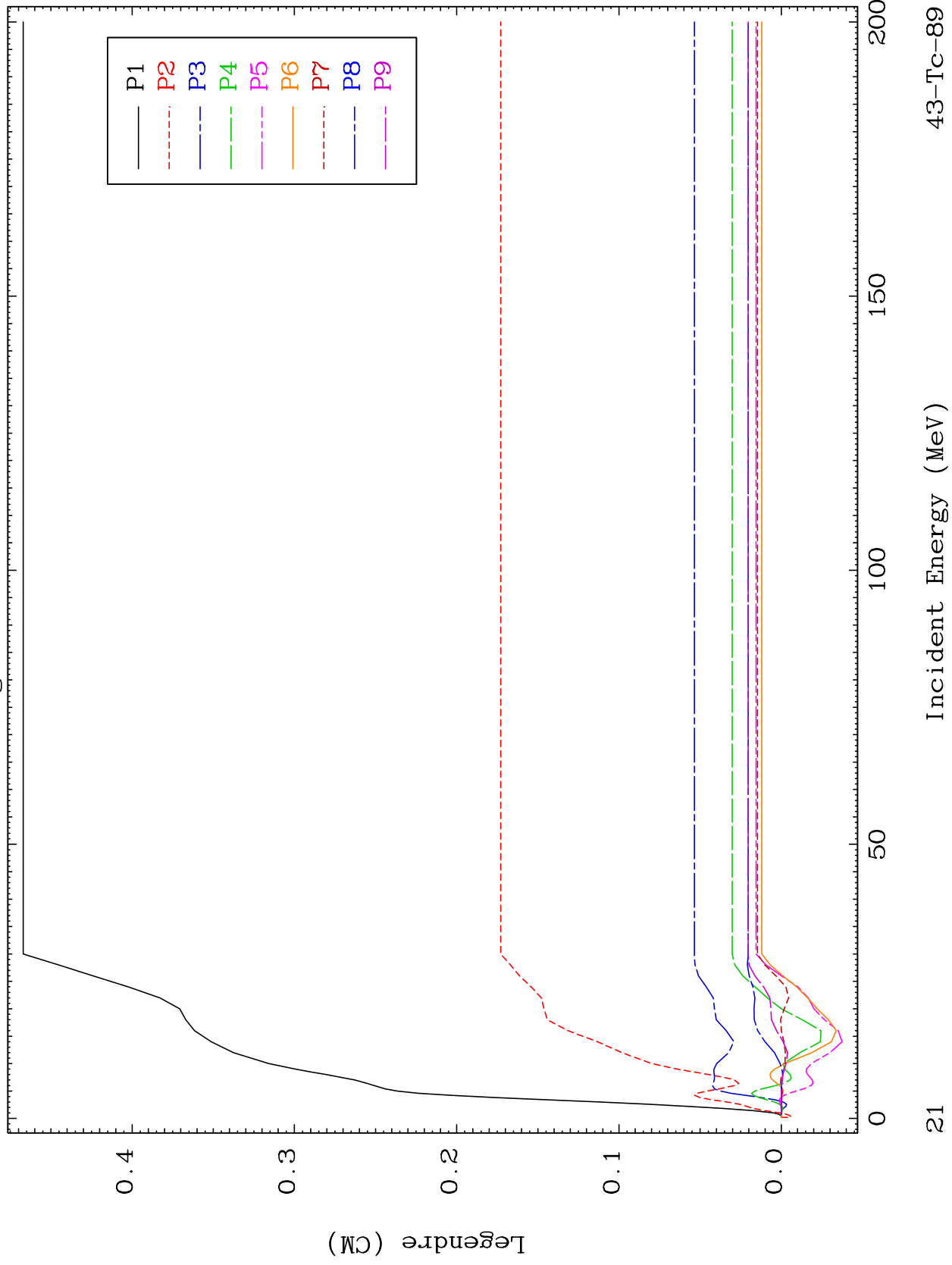
43-Tc-89



MAT 4295

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

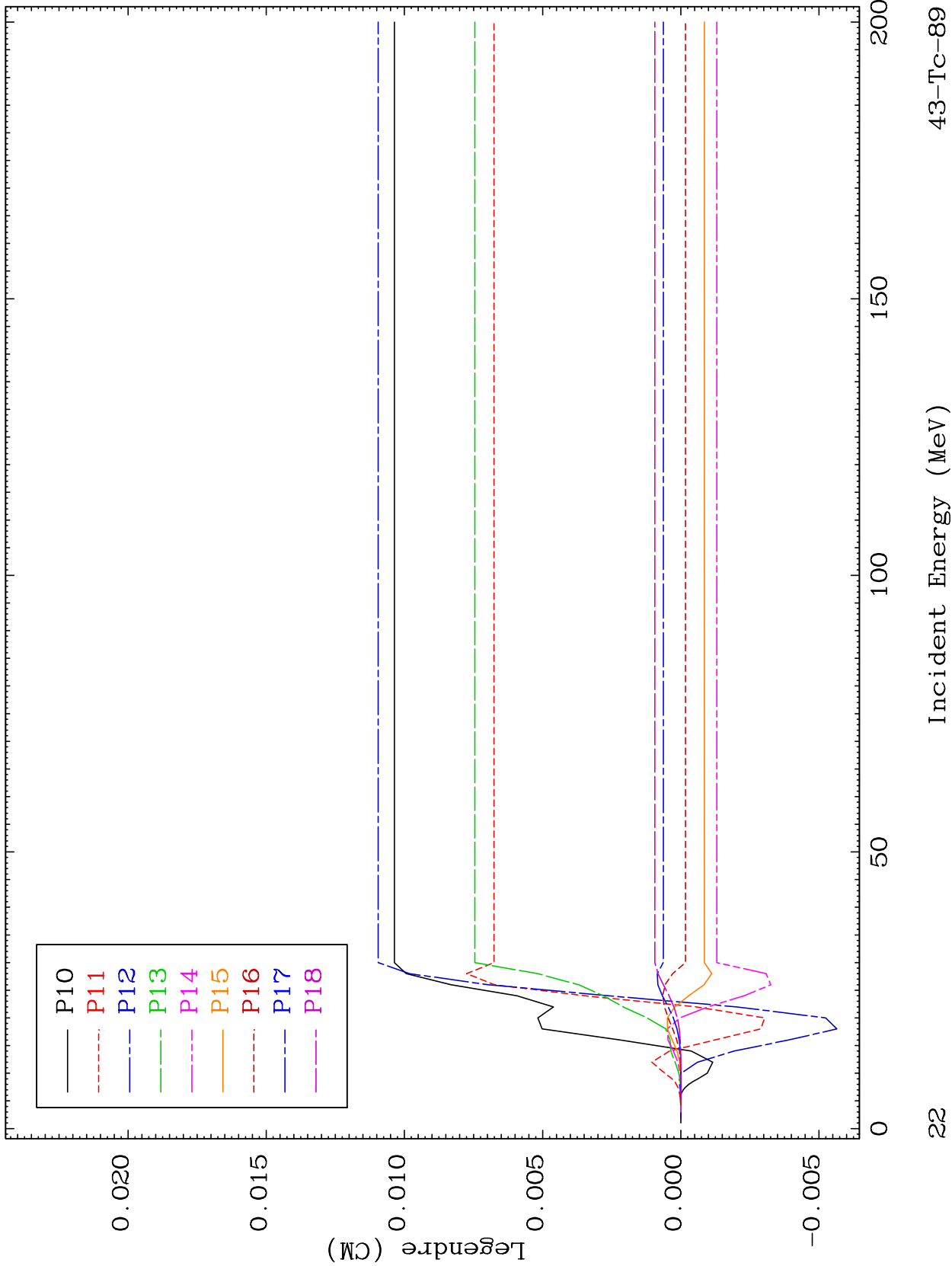
43-Tc-89



MAT 4295

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

43-Tc-89



22

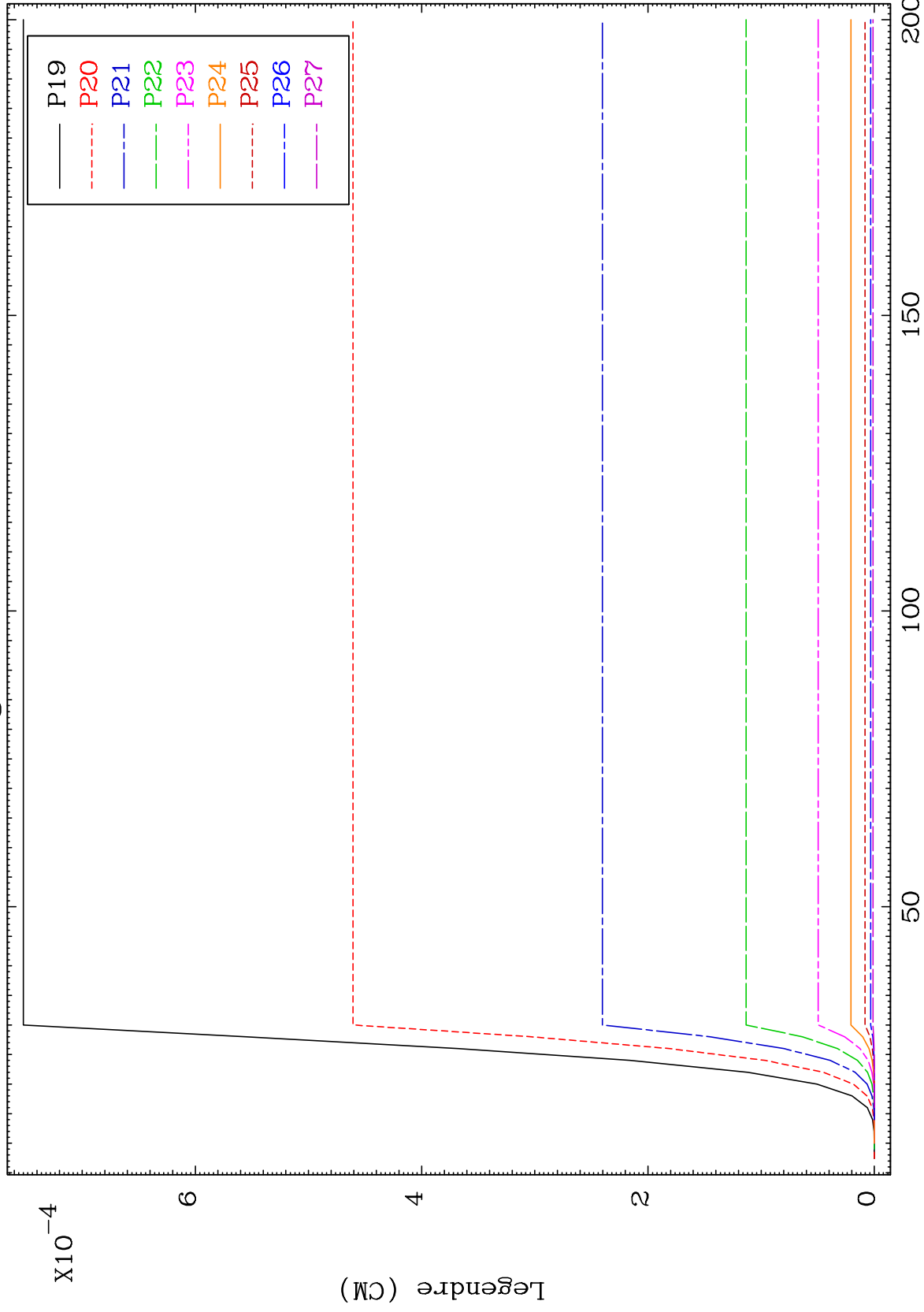
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



23

Incident Energy (MeV)

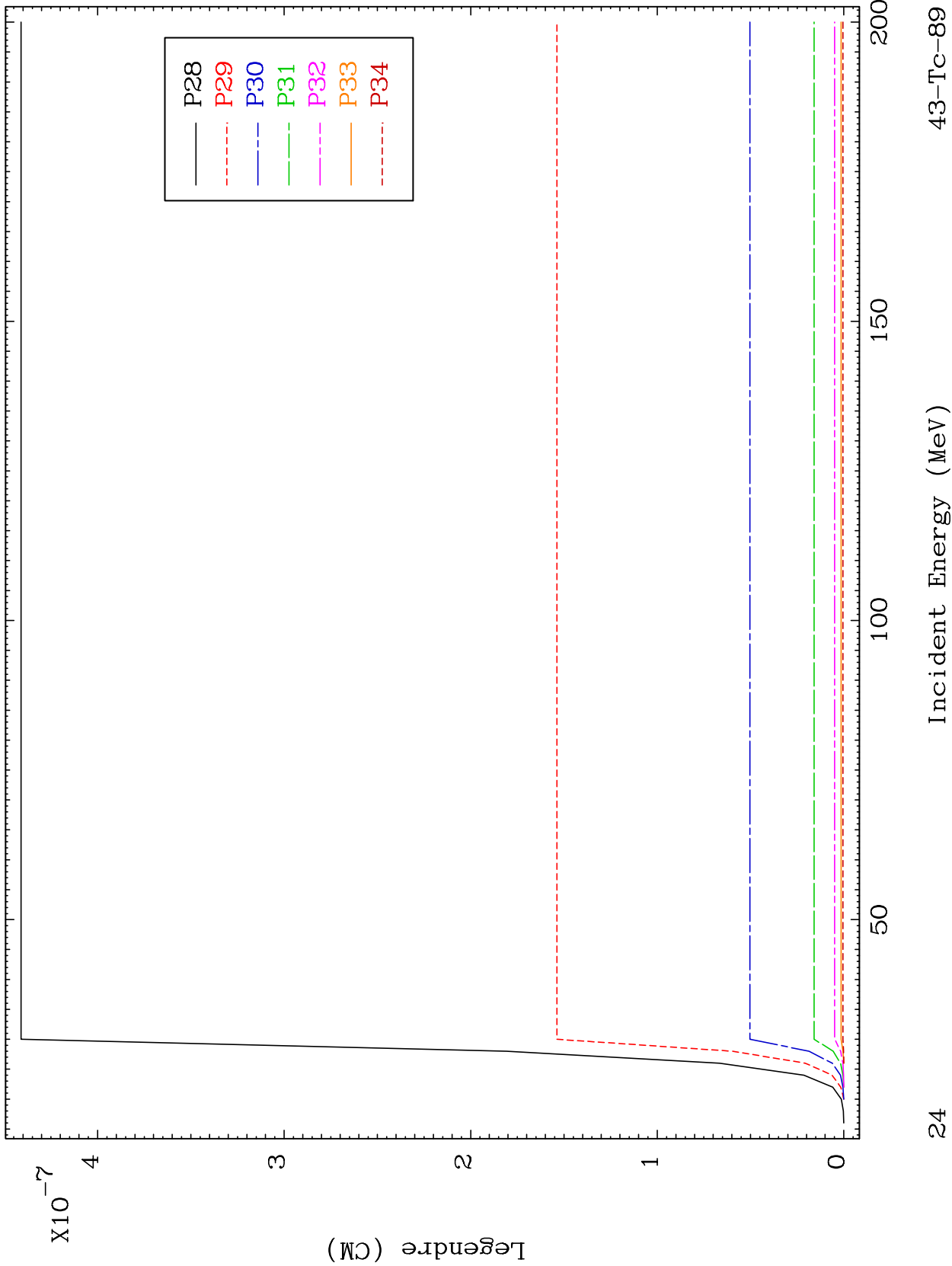
43-Tc-89



MAT 4295

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

43-Tc-89



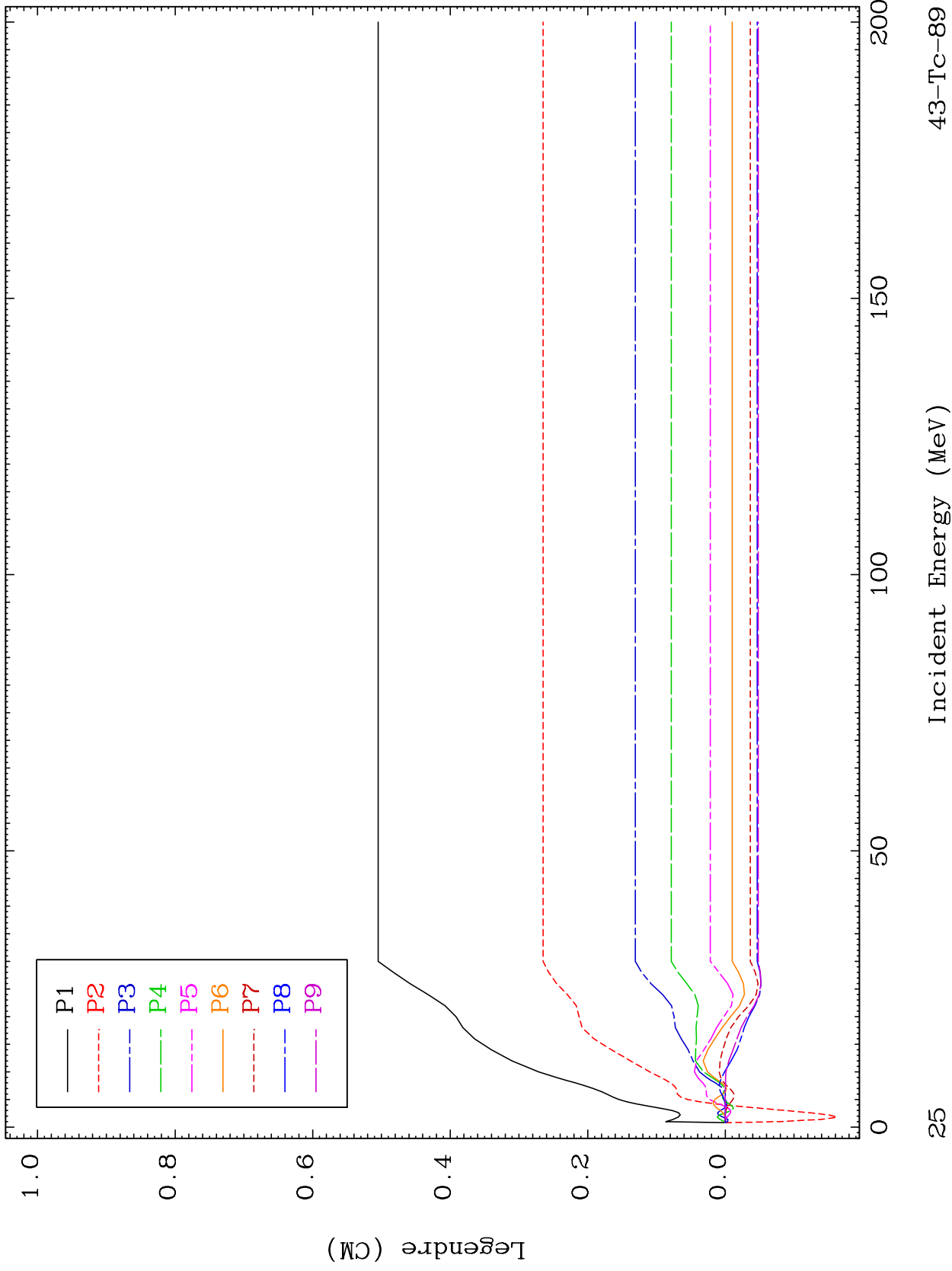
24

43-Tc-89

MAT 4295

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

43-Tc-89



43-Tc-89

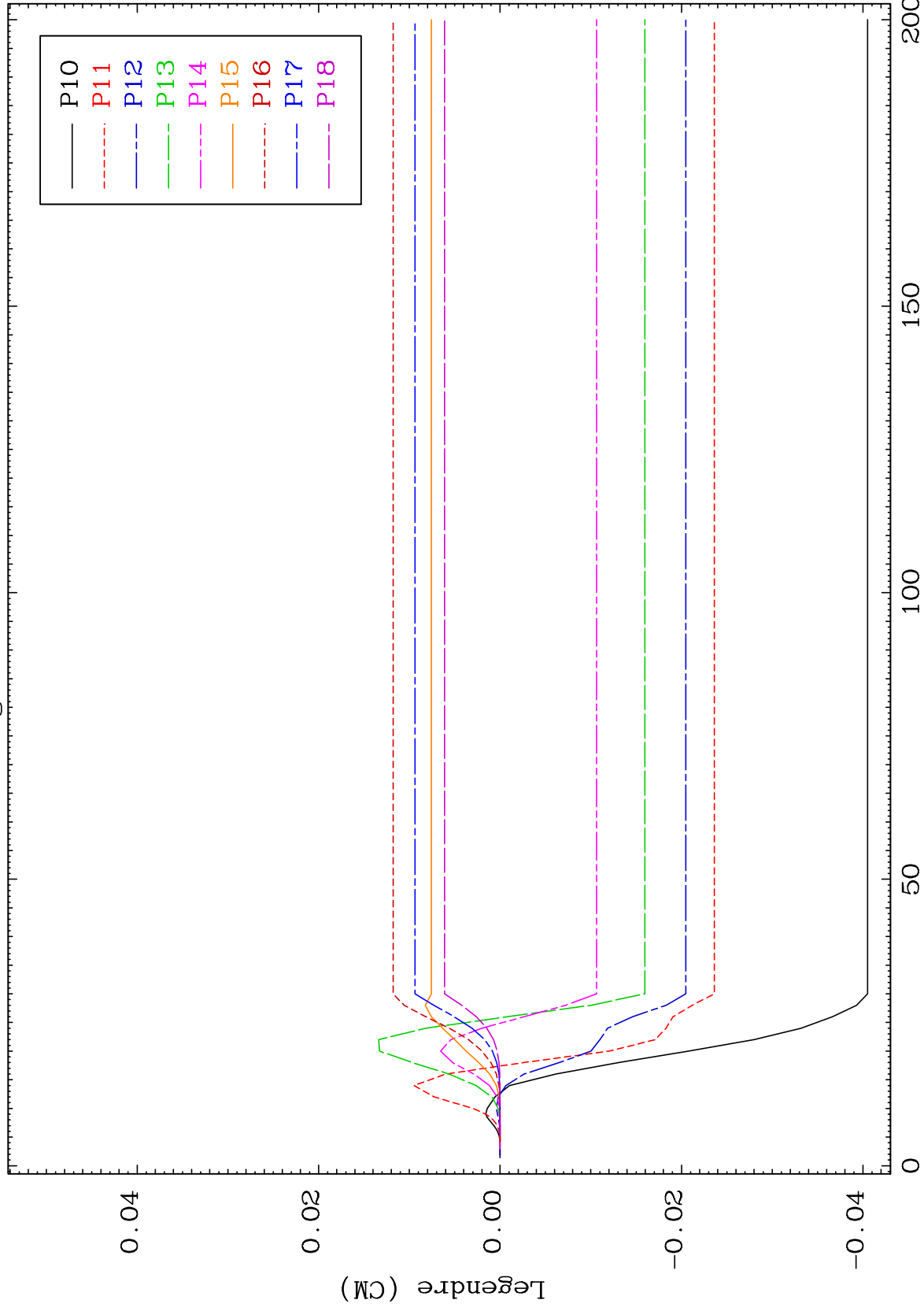
Incident Energy (MeV)

25

MAT 4295

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

43-Tc-89



26

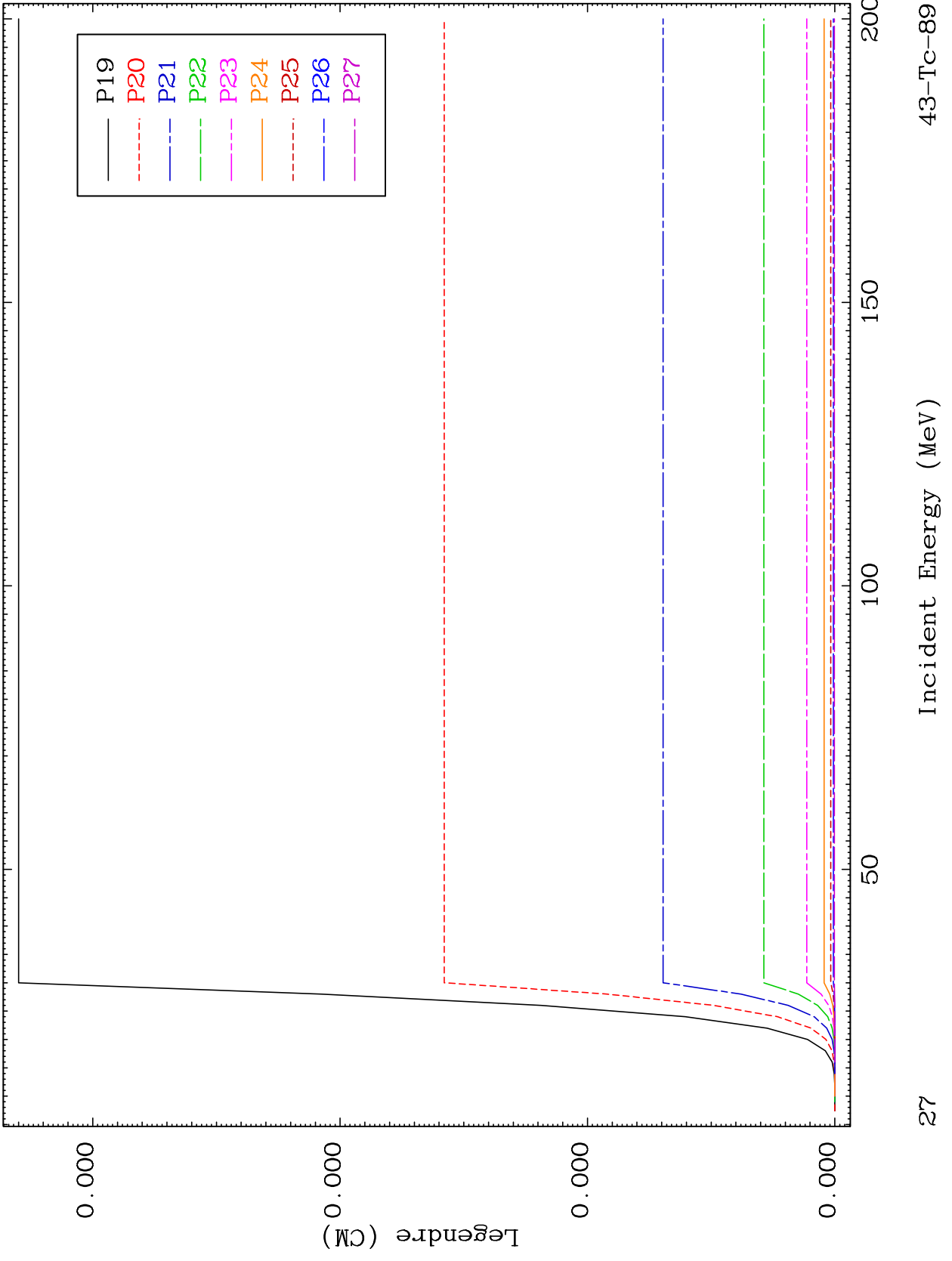
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

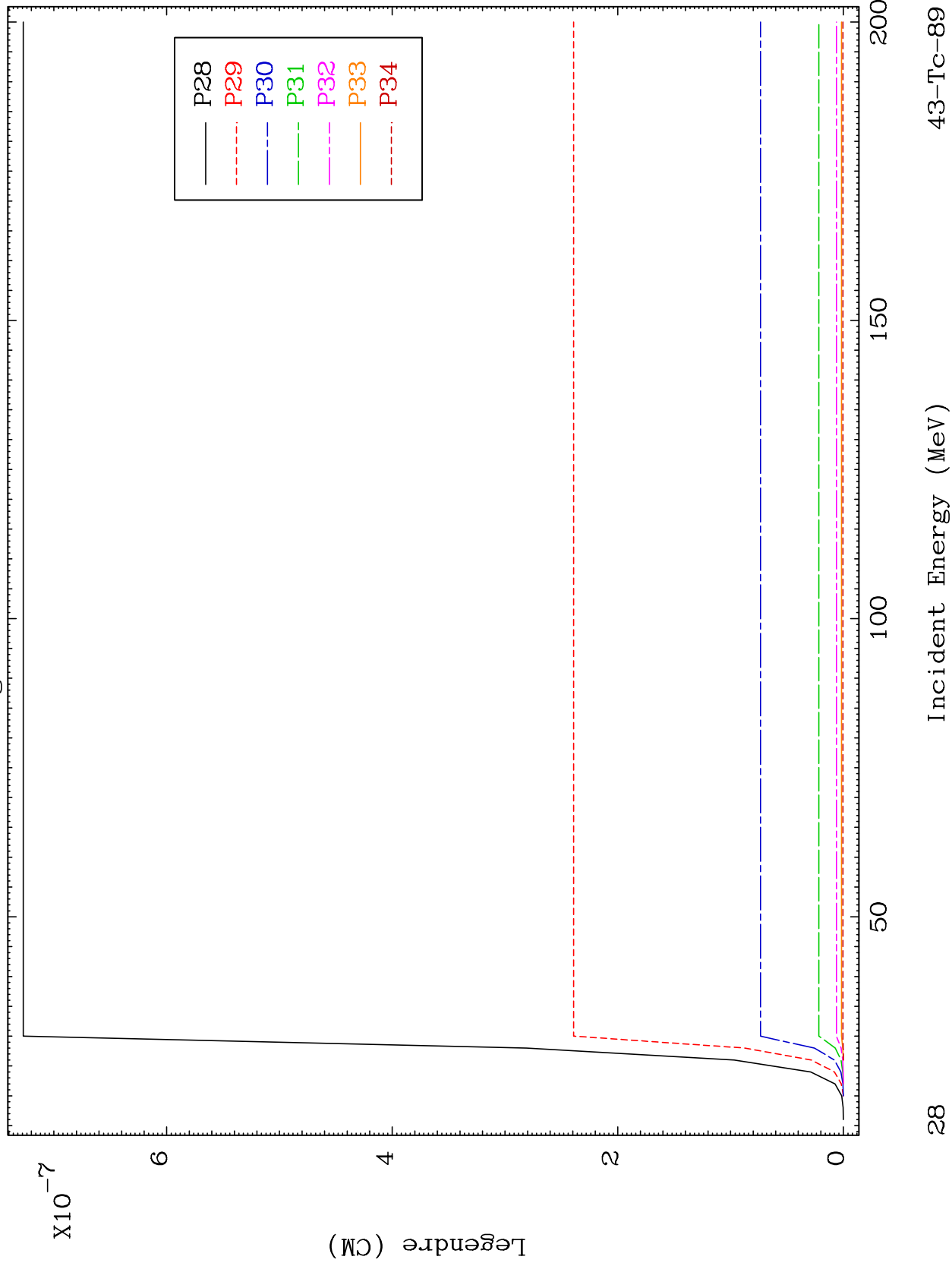
43-Tc-89



MAT 4295

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

43-Tc-89



28

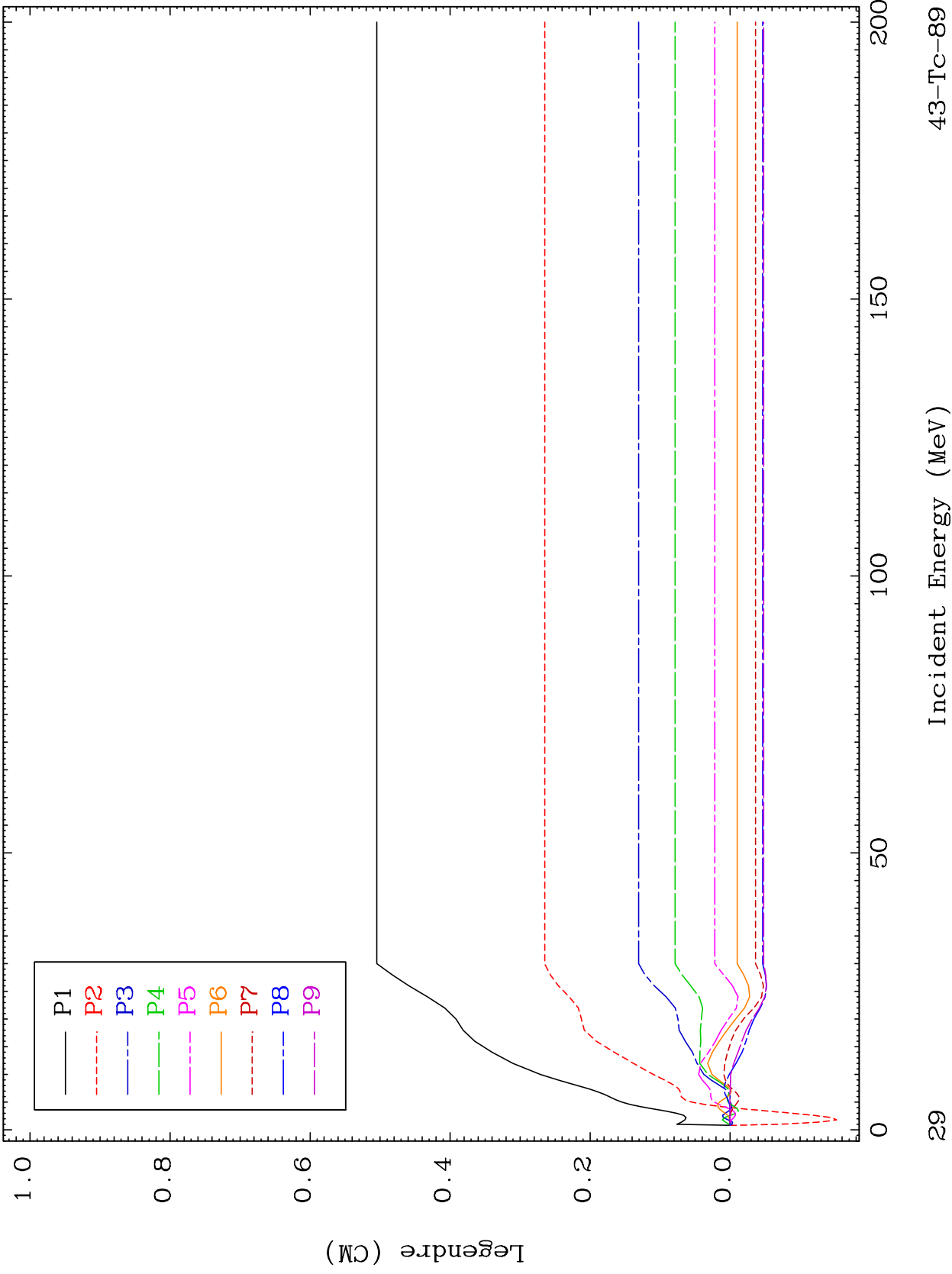
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



29

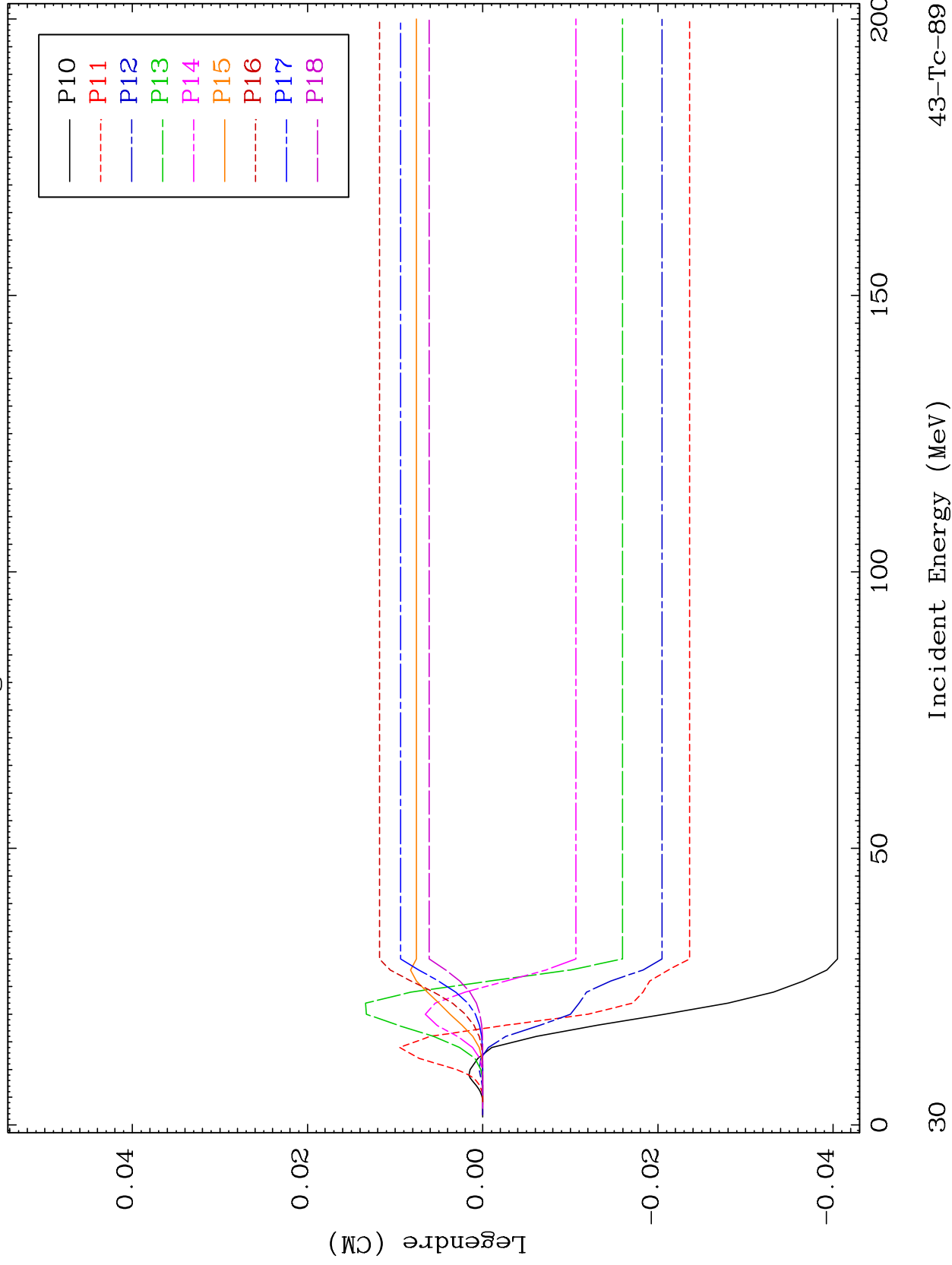
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



43-Tc-89

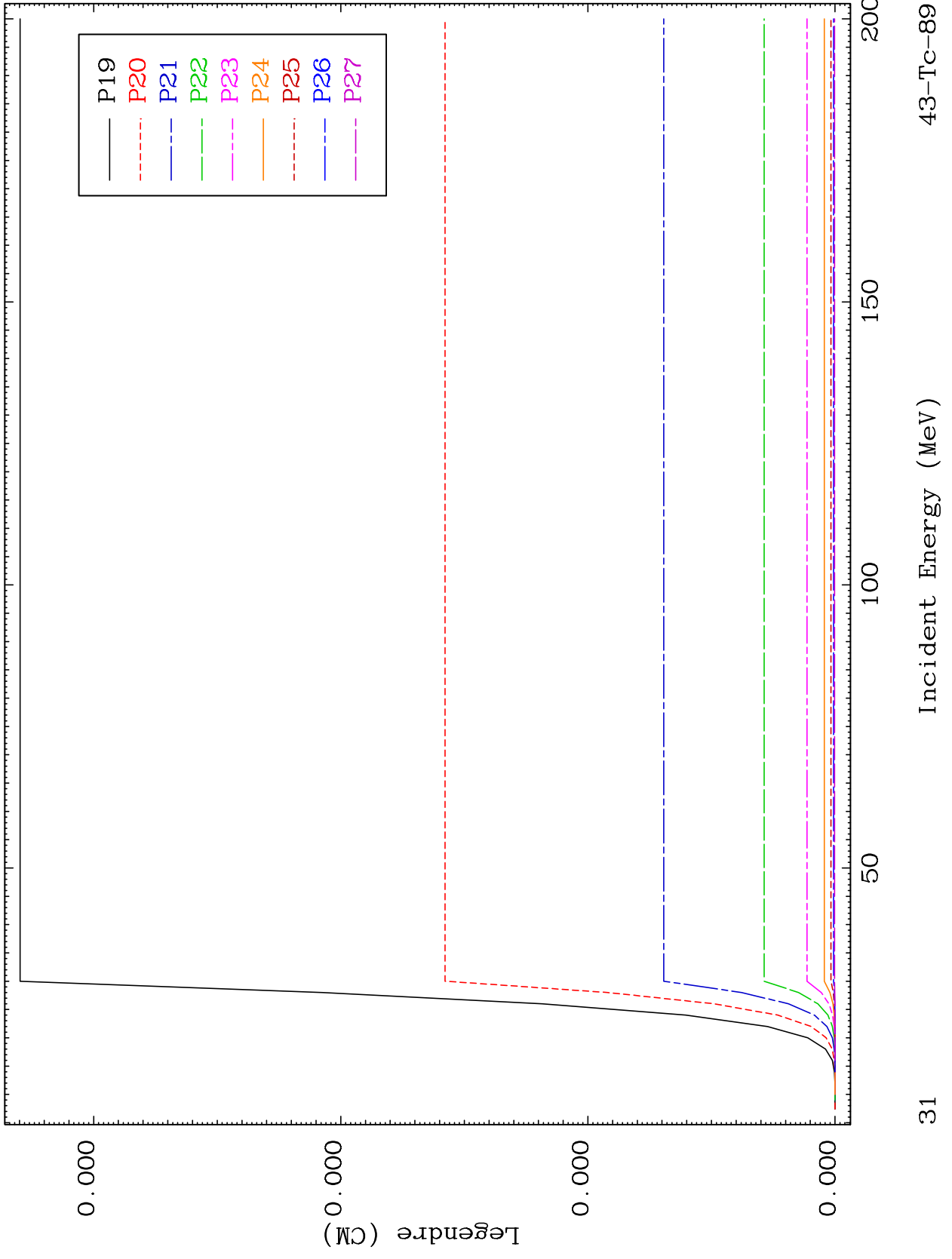
Incident Energy (MeV)

30

MAT 4295

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

43-Tc-89



31

Incident Energy (MeV)

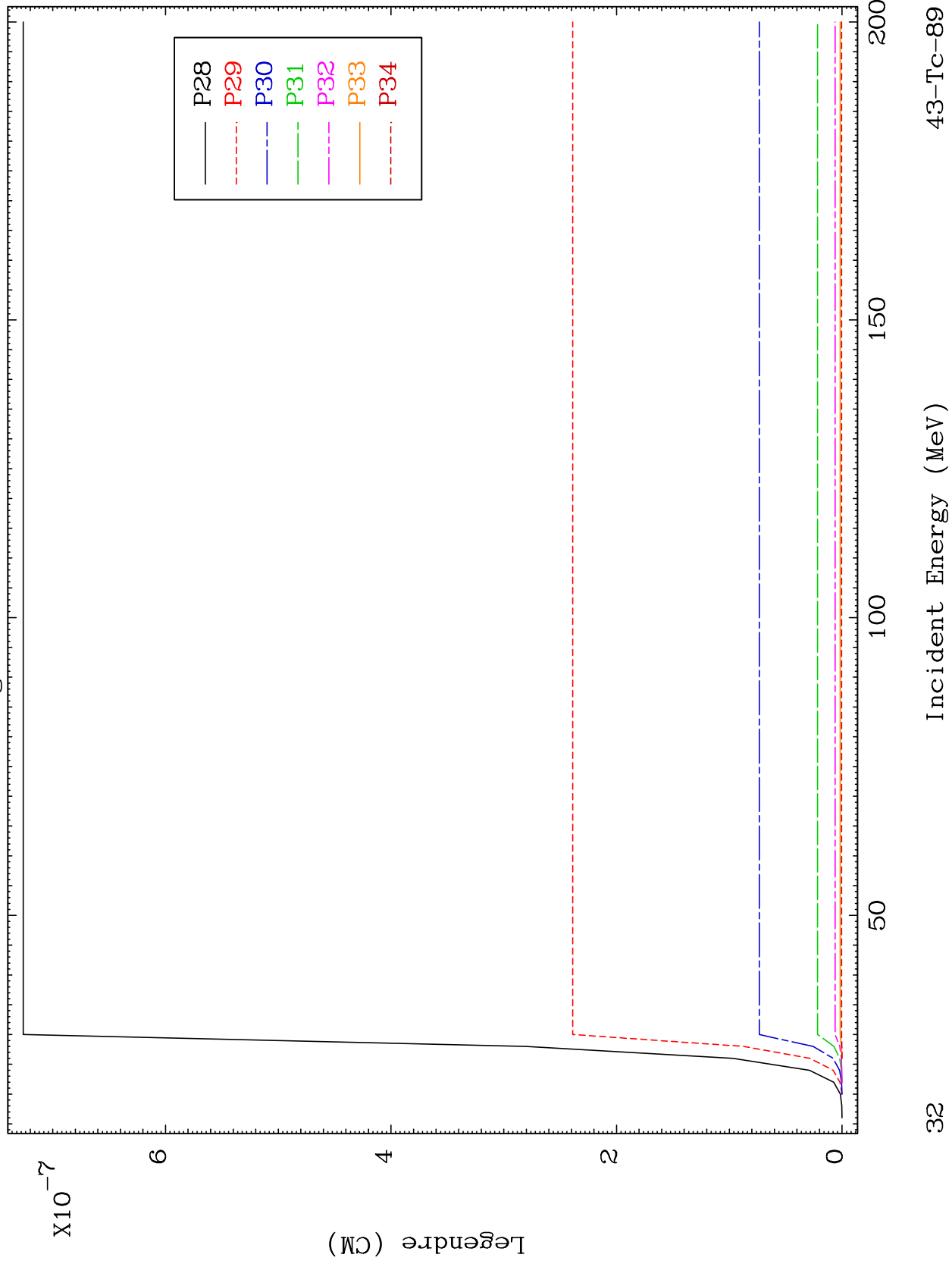
43-Tc-89



MAT 4295

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

43-Tc-89



32

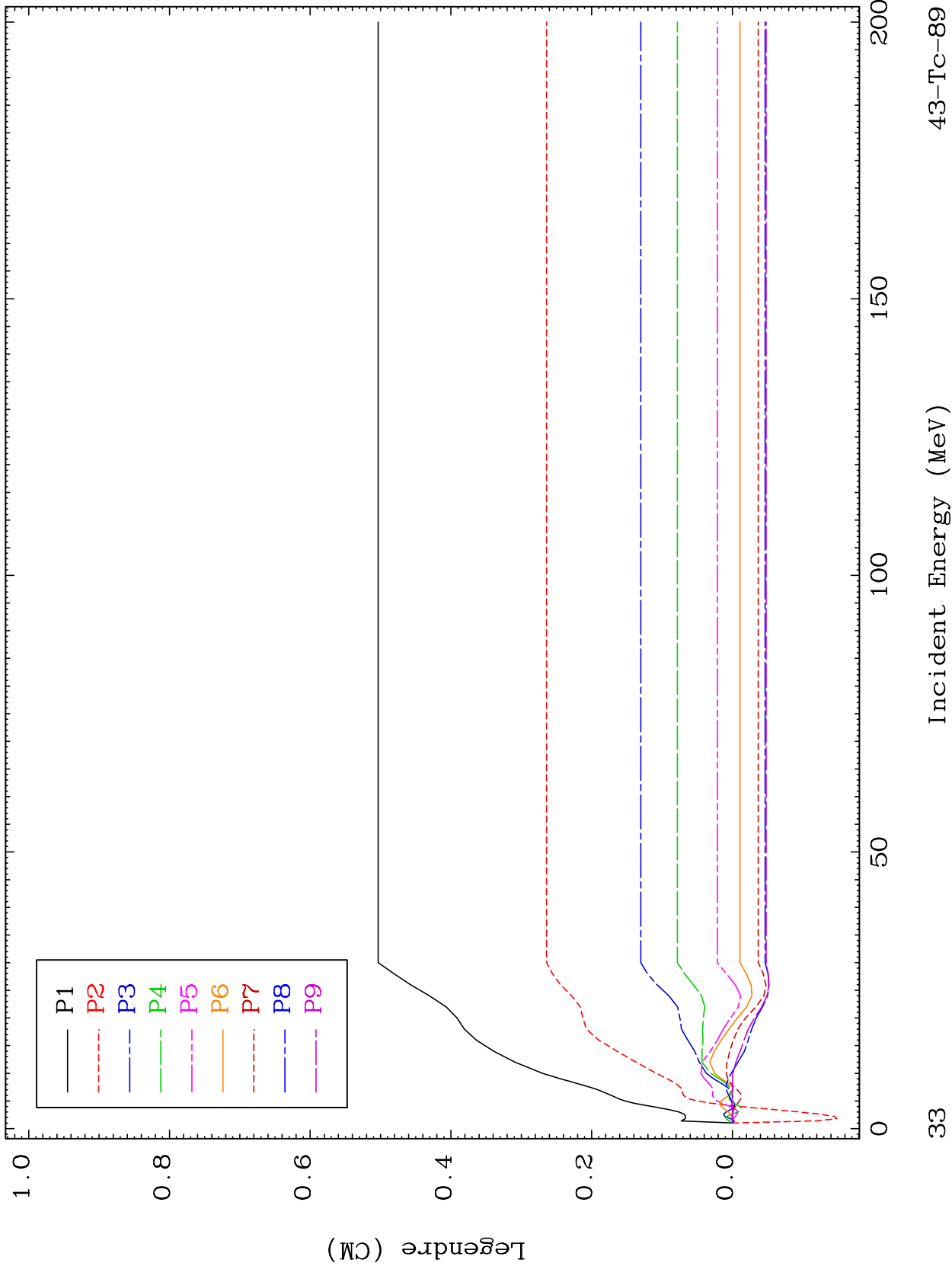
Incident Energy (MeV)

43-Tc-89

MAT 4295

43-Tc-89

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



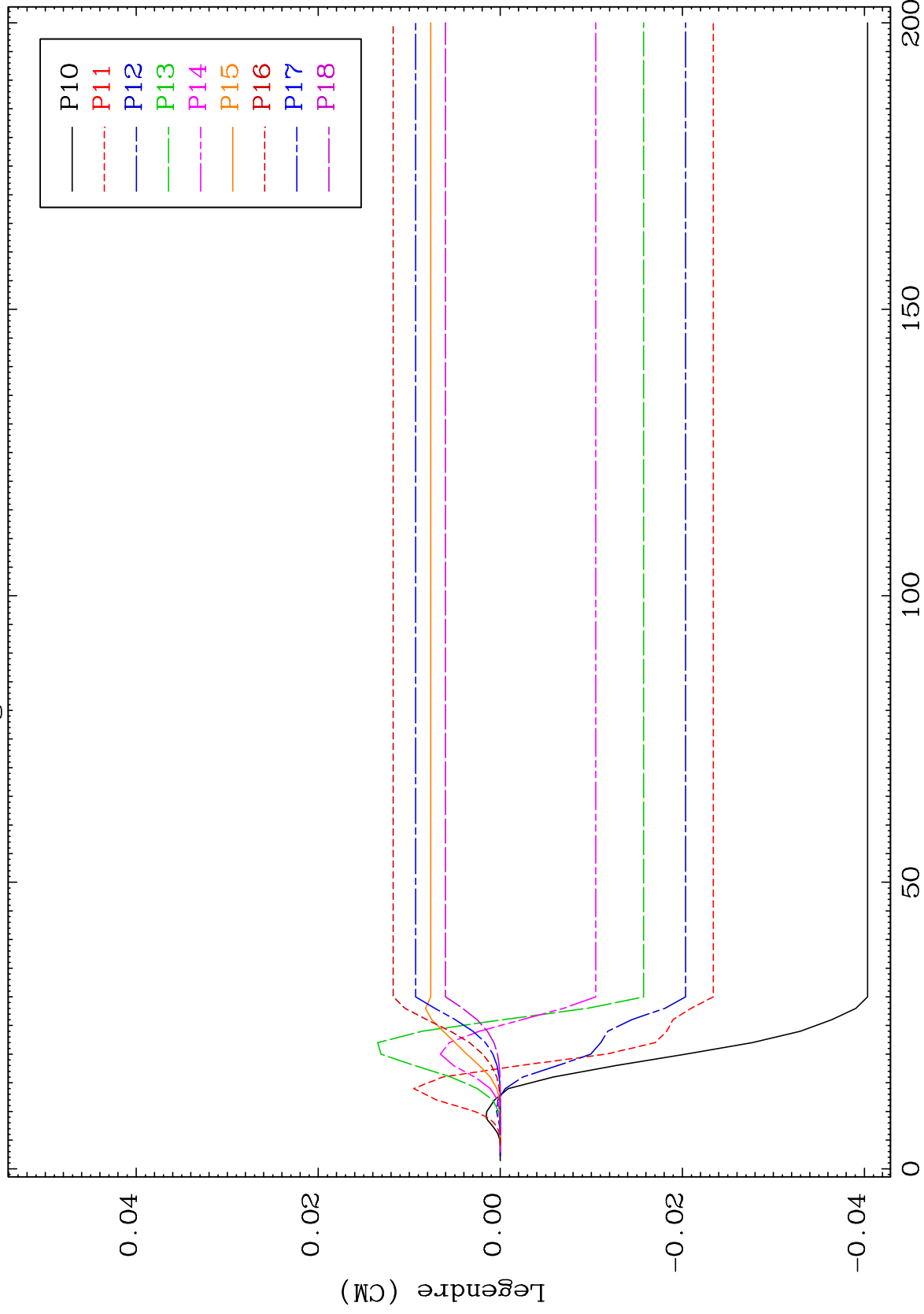
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43-Tc-89

MAT 4295

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

43-Tc-89



34

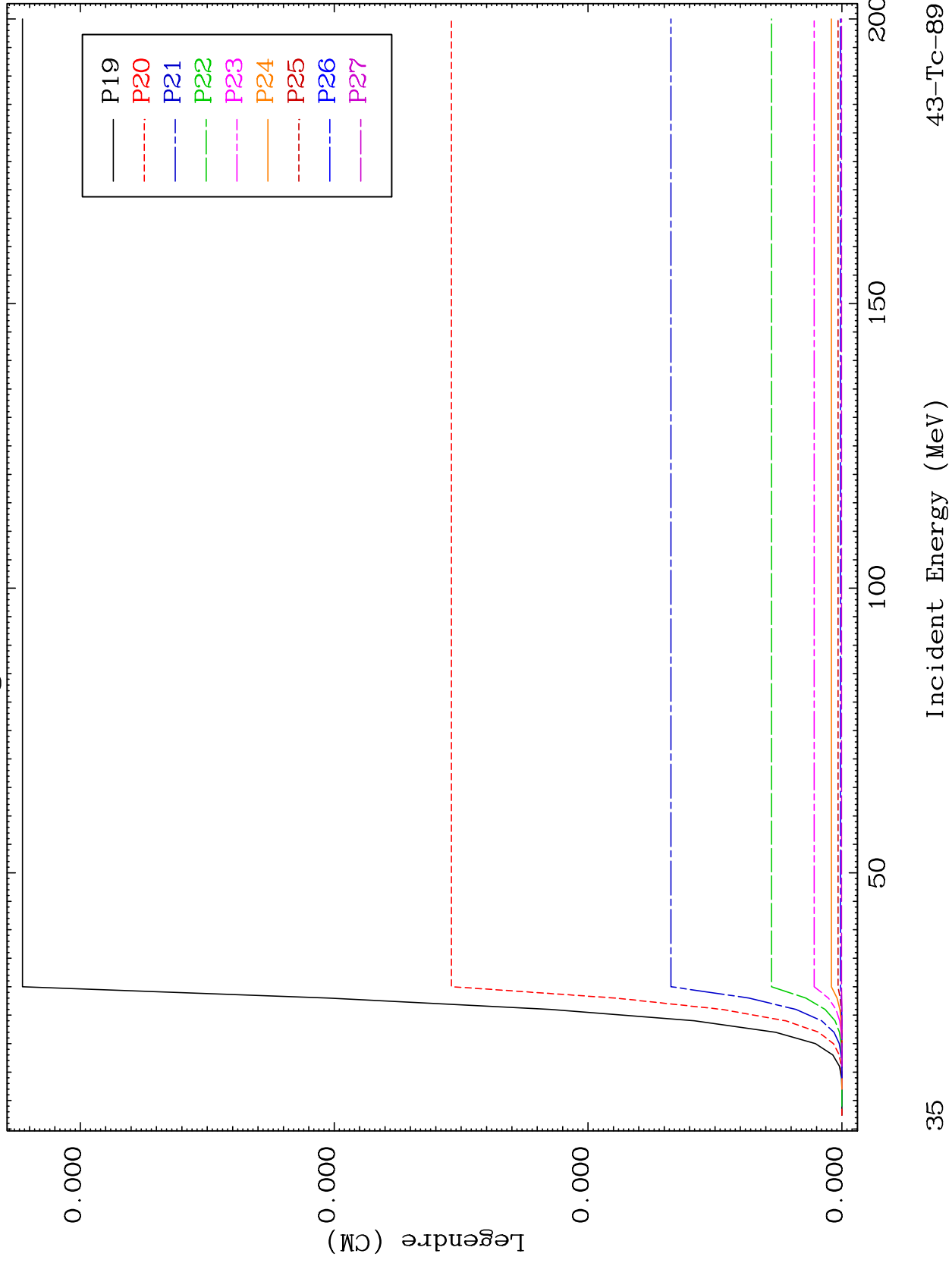
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



35

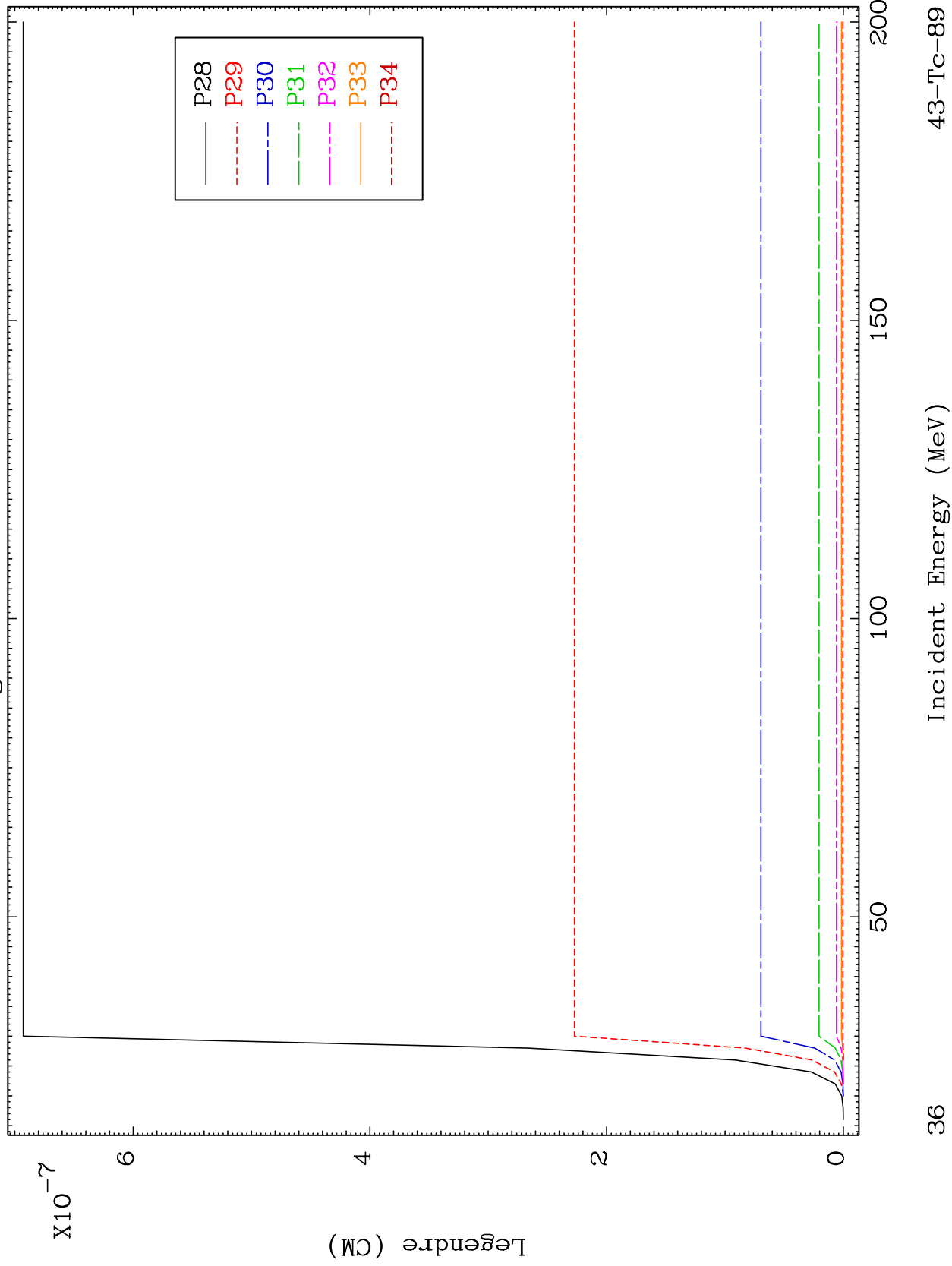
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

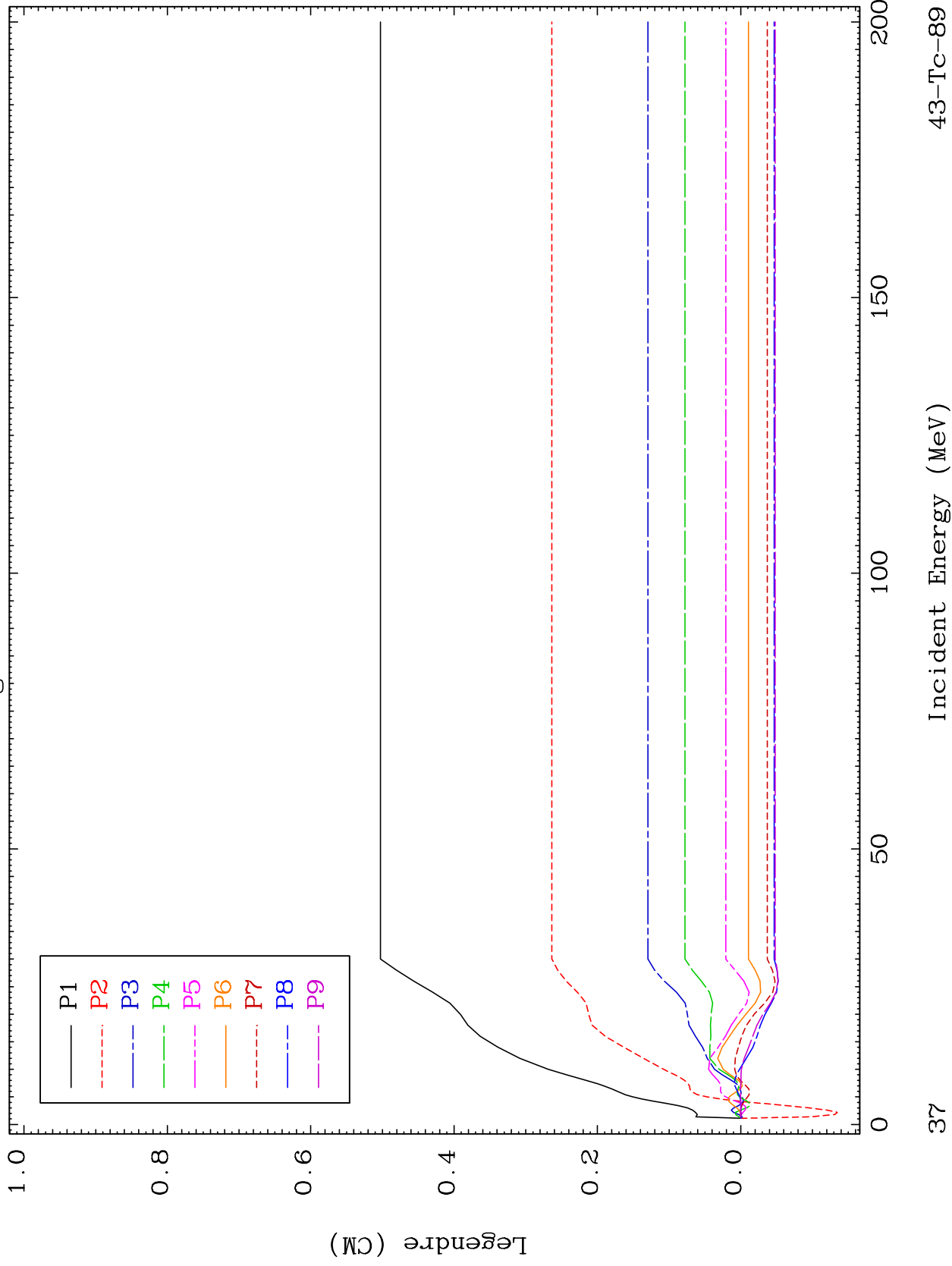
43-Tc-89



MAT 4295

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

43-Tc-89



37

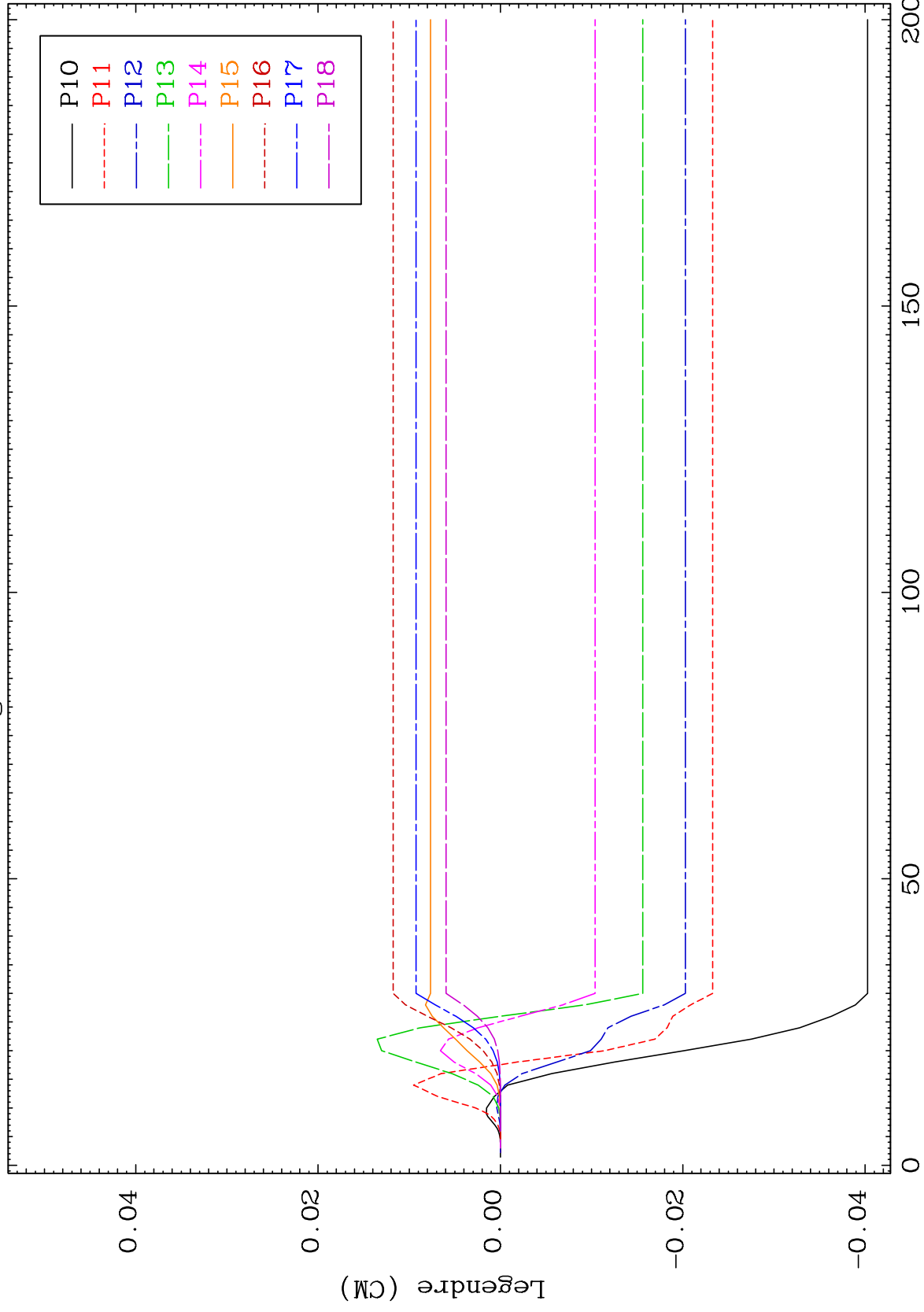
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



38

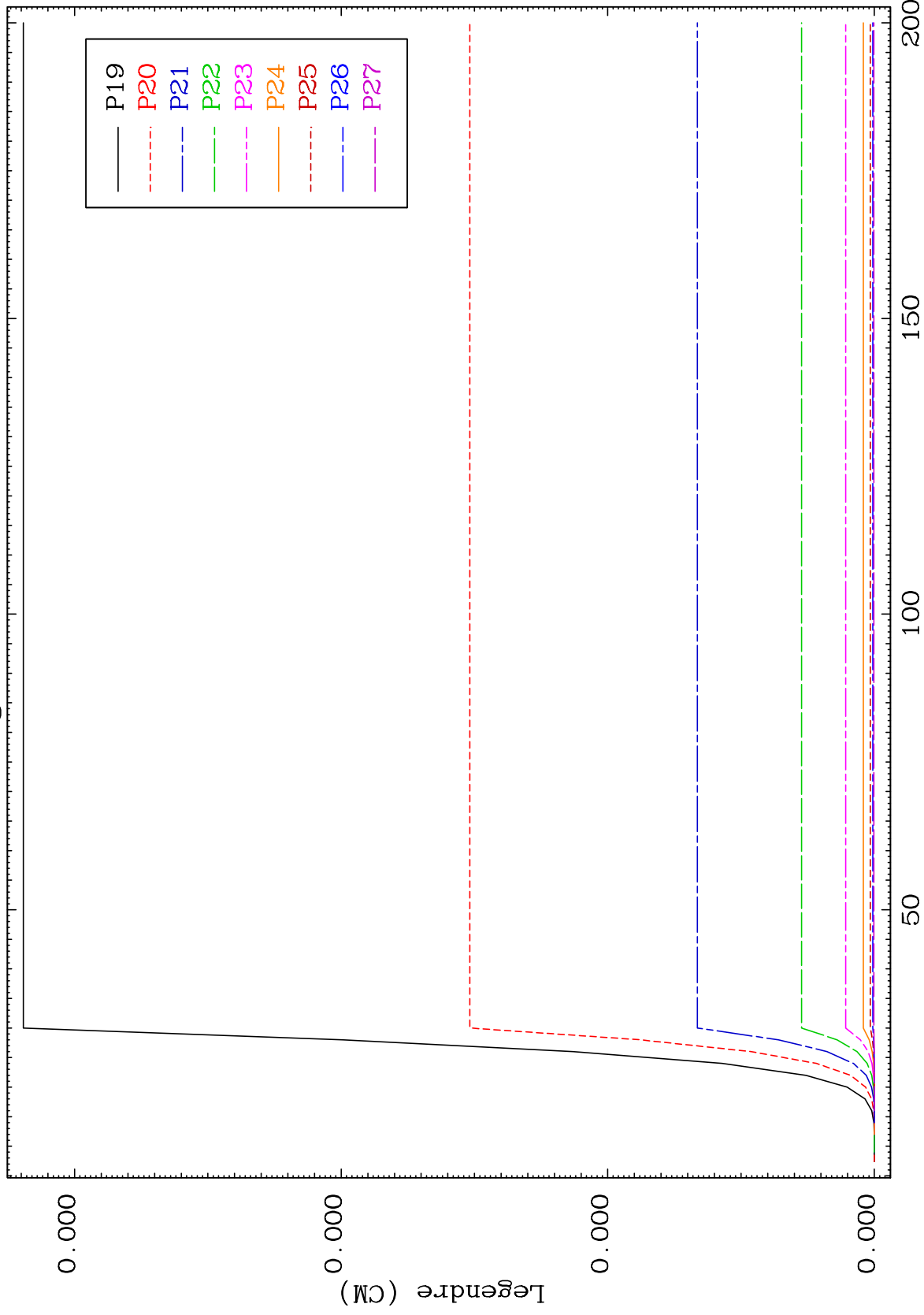
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



39

Incident Energy (MeV)

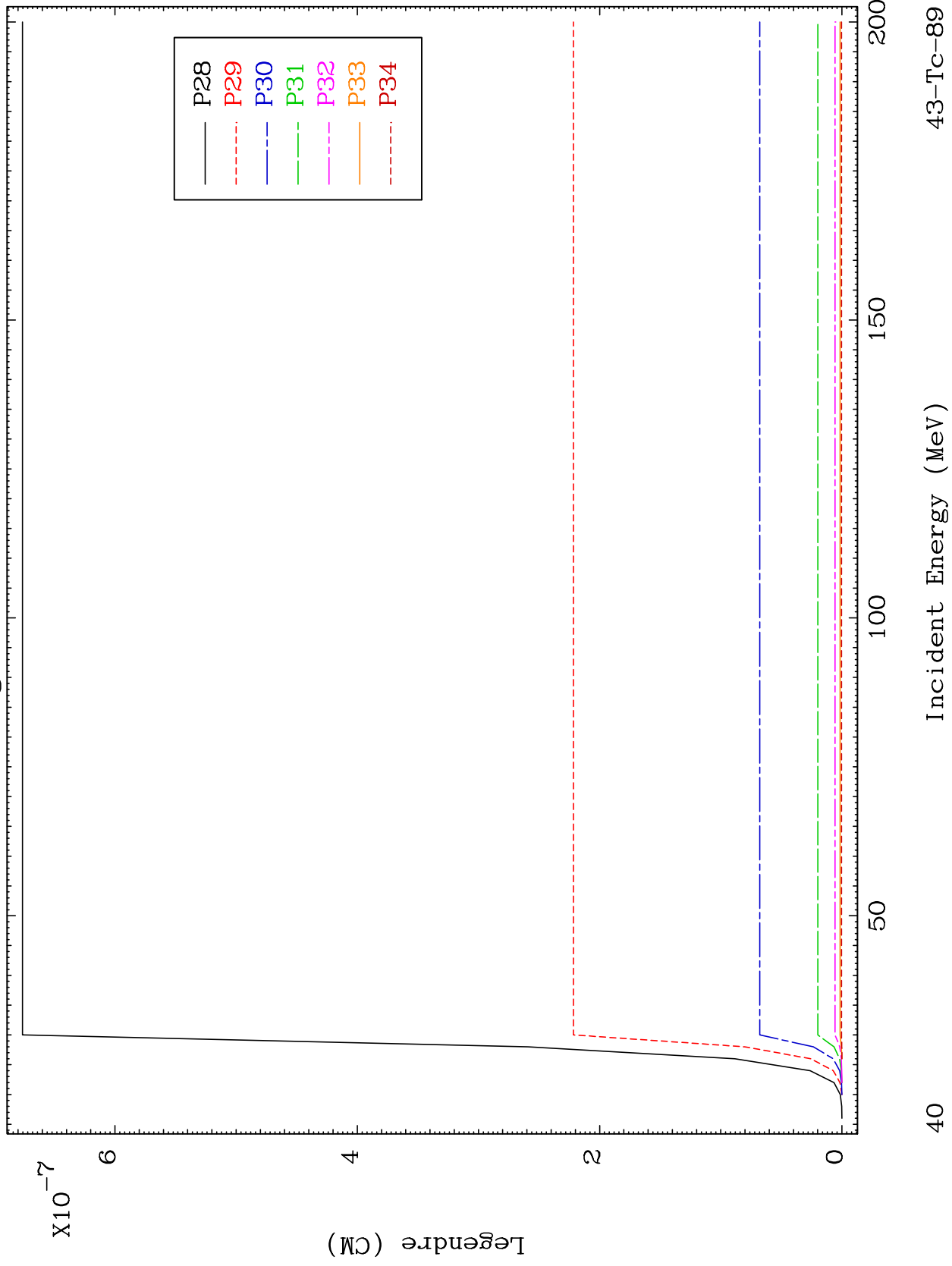
43-Tc-89



MAT 4295

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

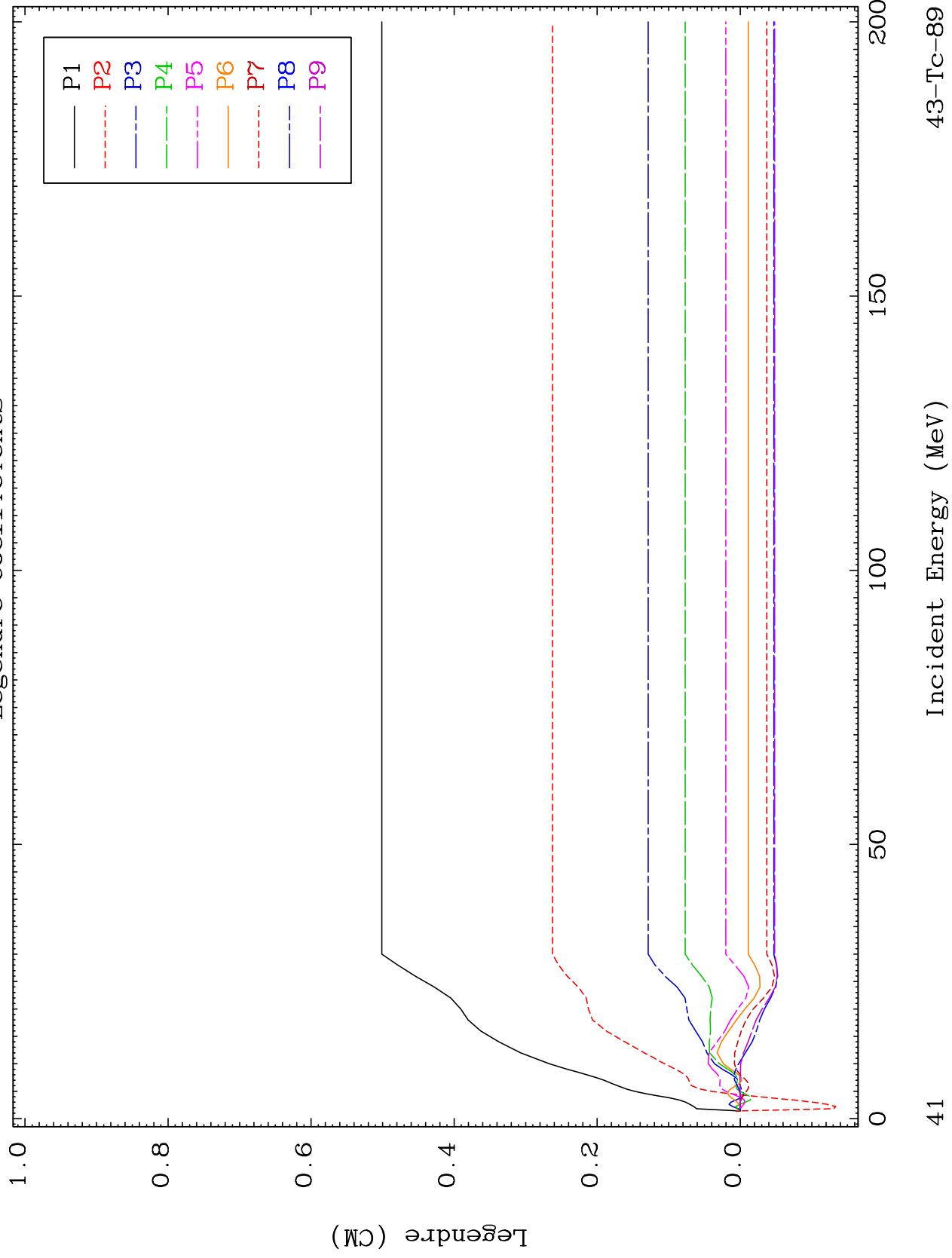
43-Tc-89



MAT 4295

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

43-Tc-89



41

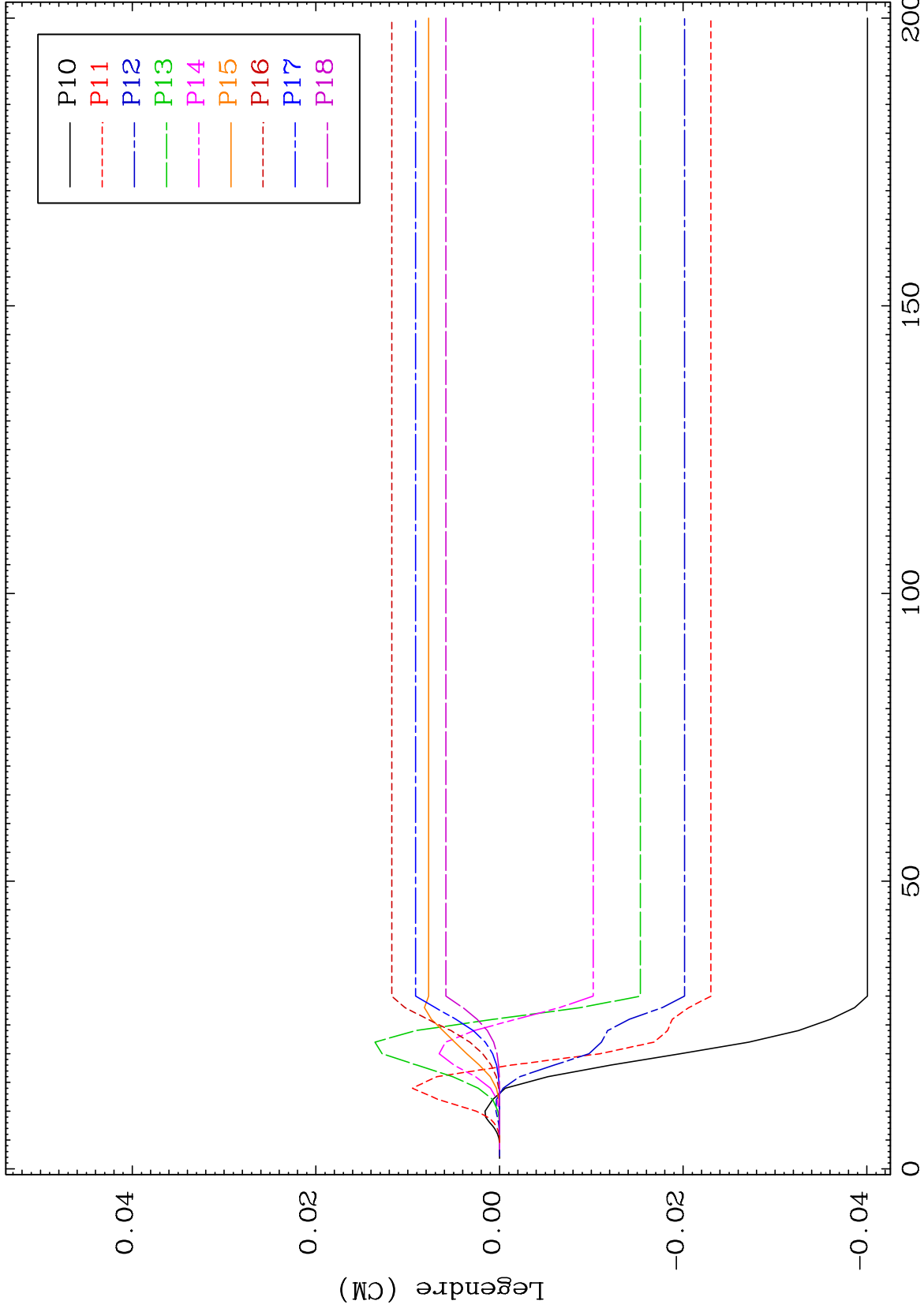
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



42

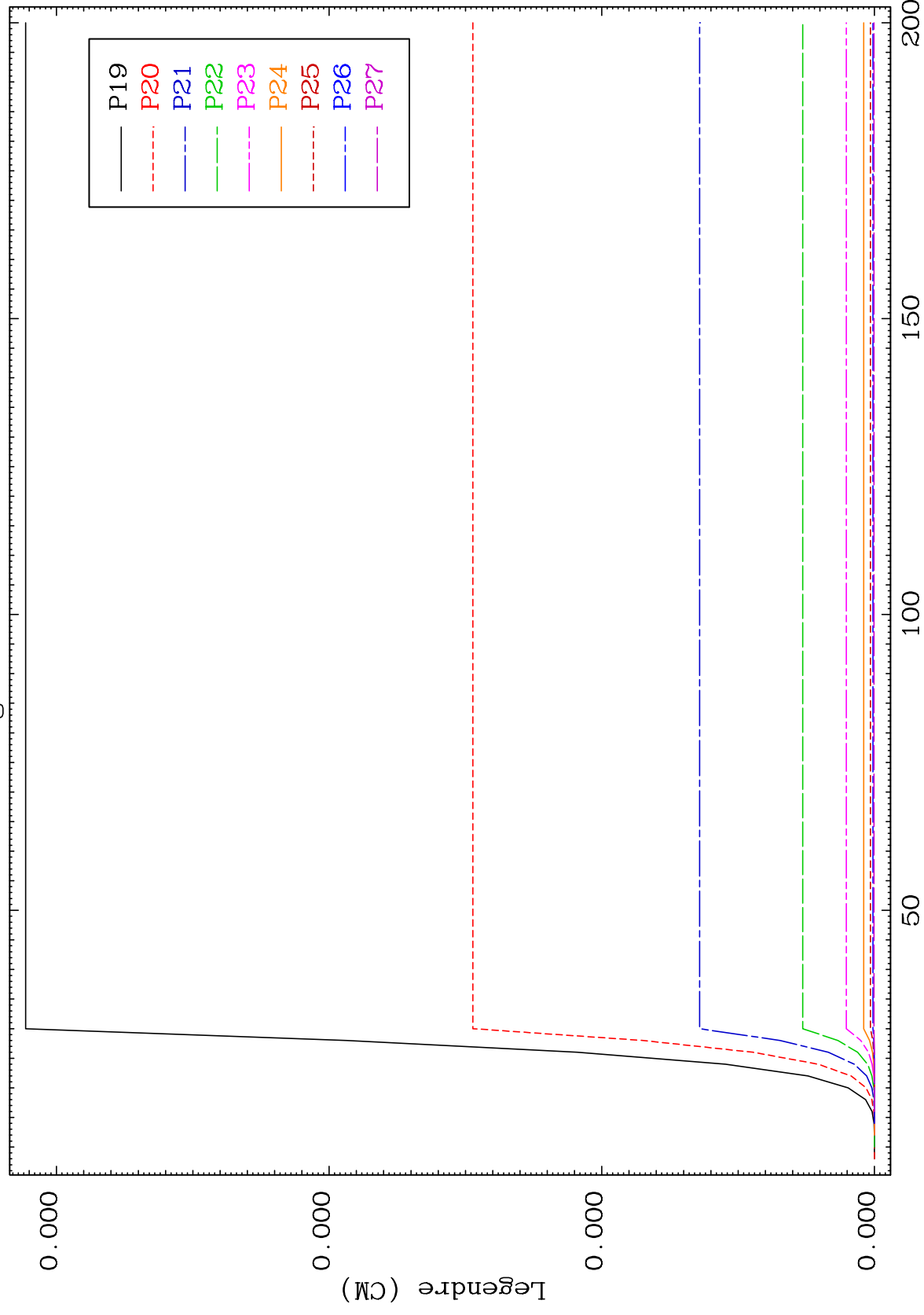
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

43-Tc-89



43

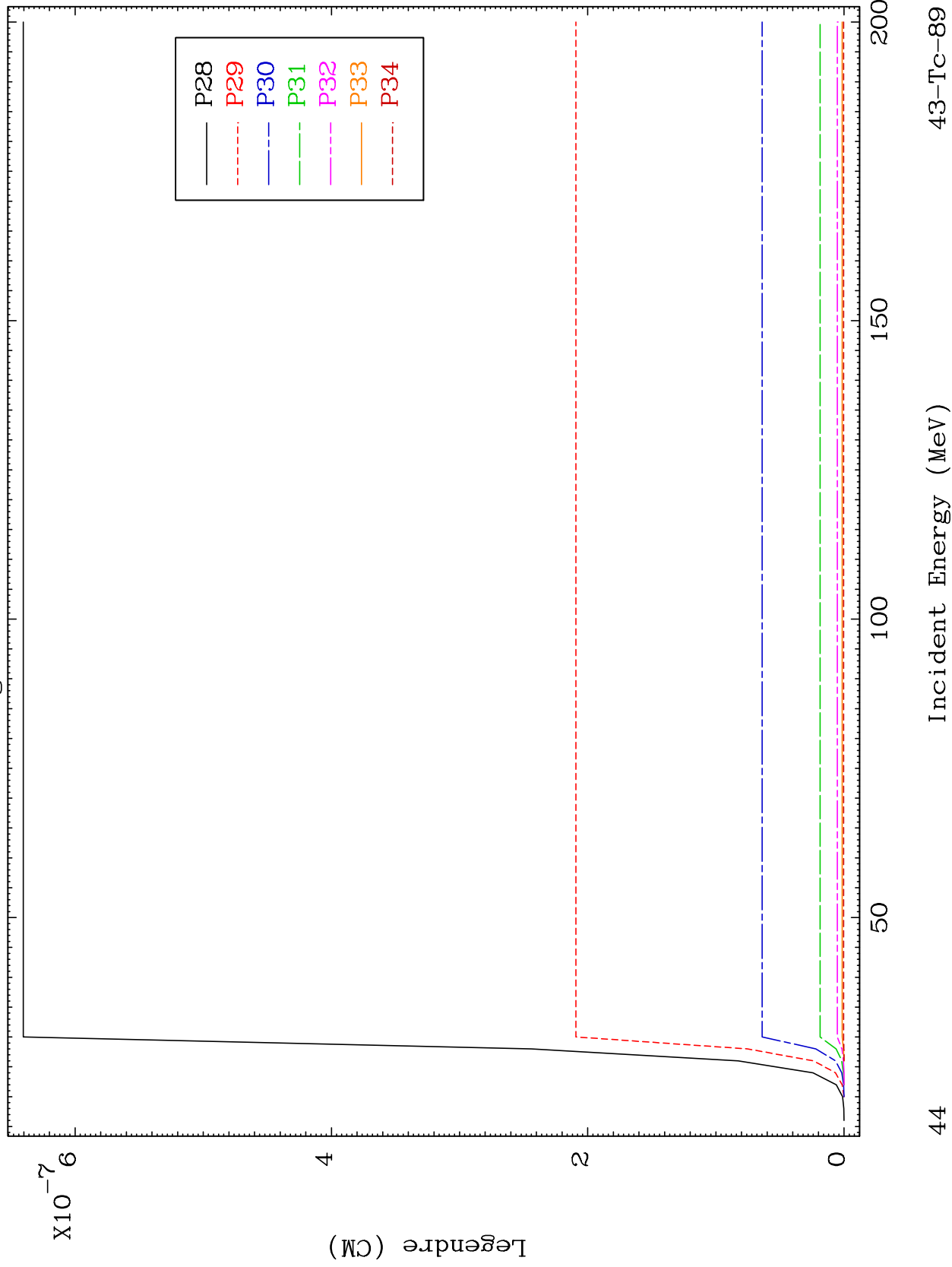
Incident Energy (MeV)

43-Tc-89

MAT 4295

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

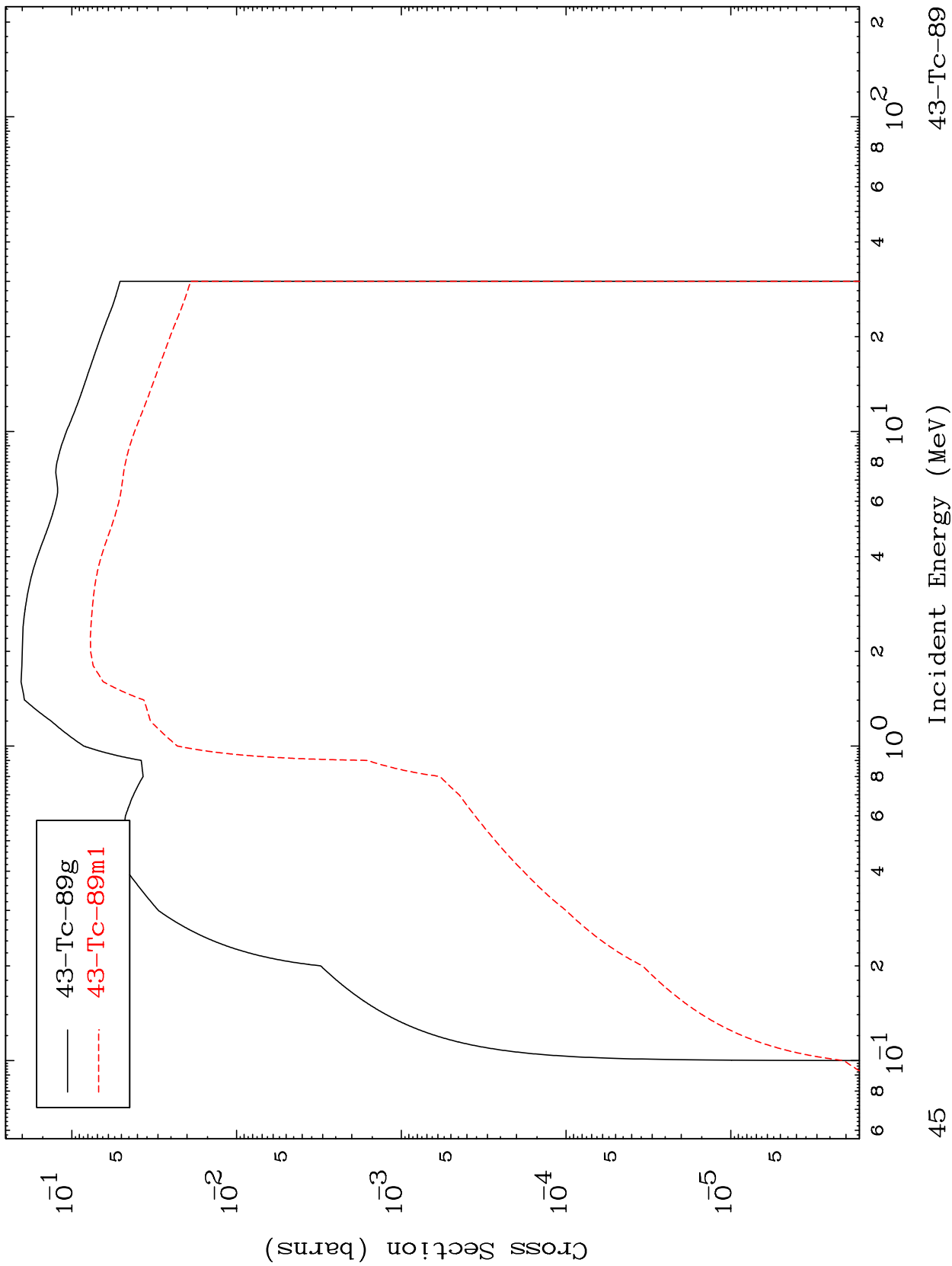
43-Tc-89



MAT 4295

43-Tc-89

Radionuclide Production Cross Section



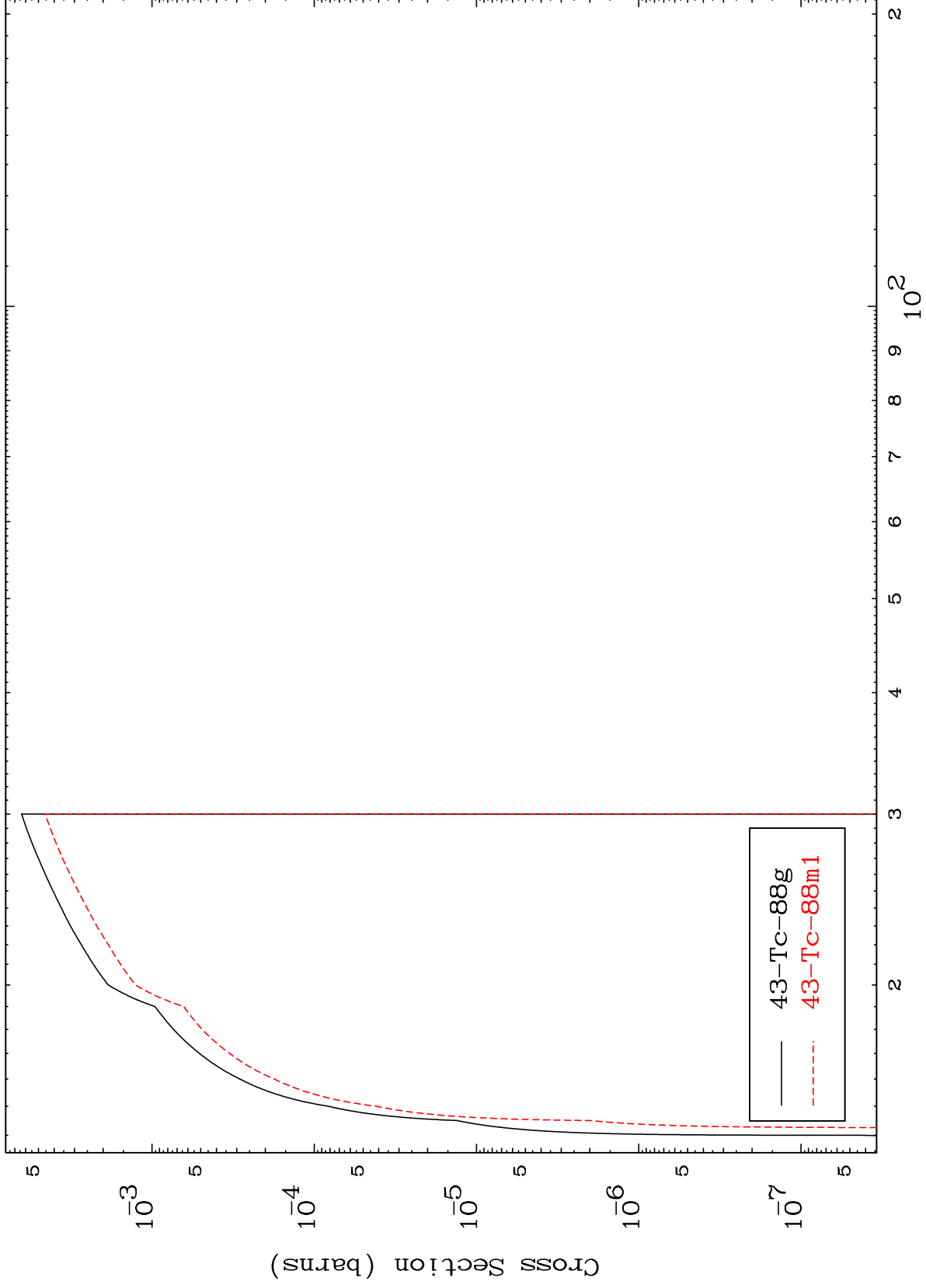
45

43-Tc-89

MAT 4295

43-Tc-89

(n,2n)  
Radionuclide Production Cross Section



46

Incident Energy (MeV)

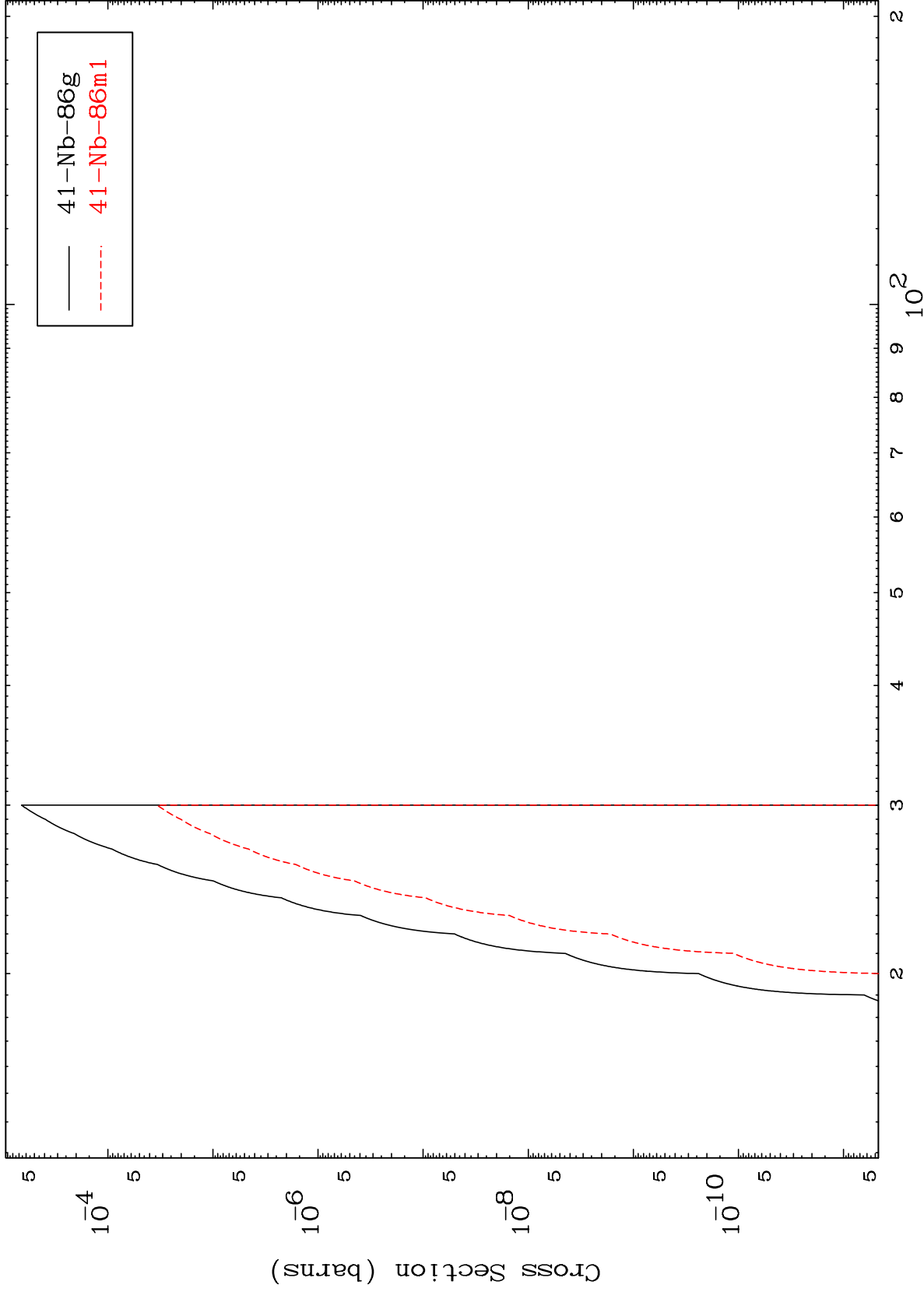
43-Tc-89

MAT 4295

(n,n') He-3

43-Tc-89

Radionuclide Production Cross Section



47

Incident Energy (MeV)

43-Tc-89

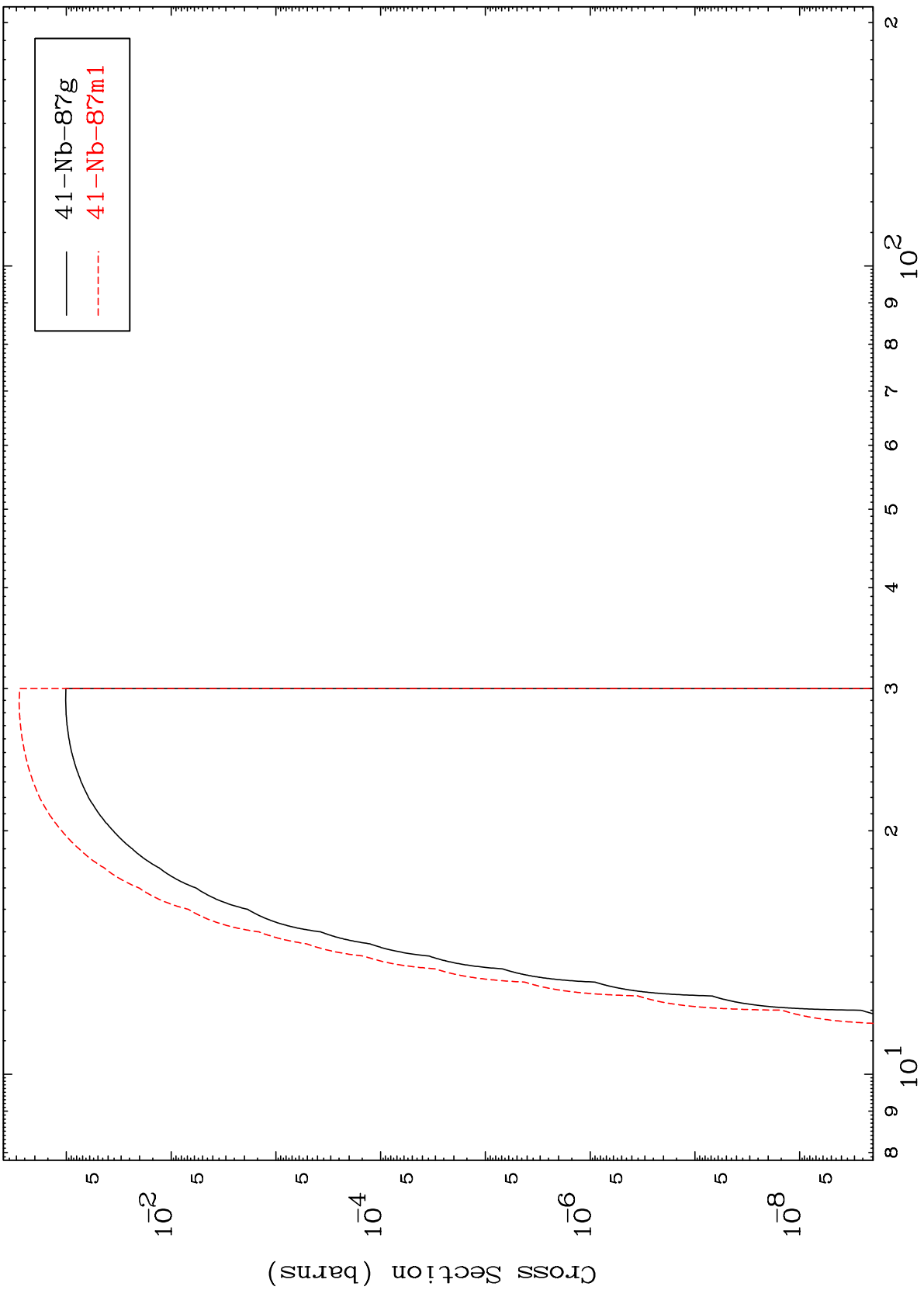


MAT 4295

(n,2n) p

43-Tc-89

Radionuclide Production Cross Section



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

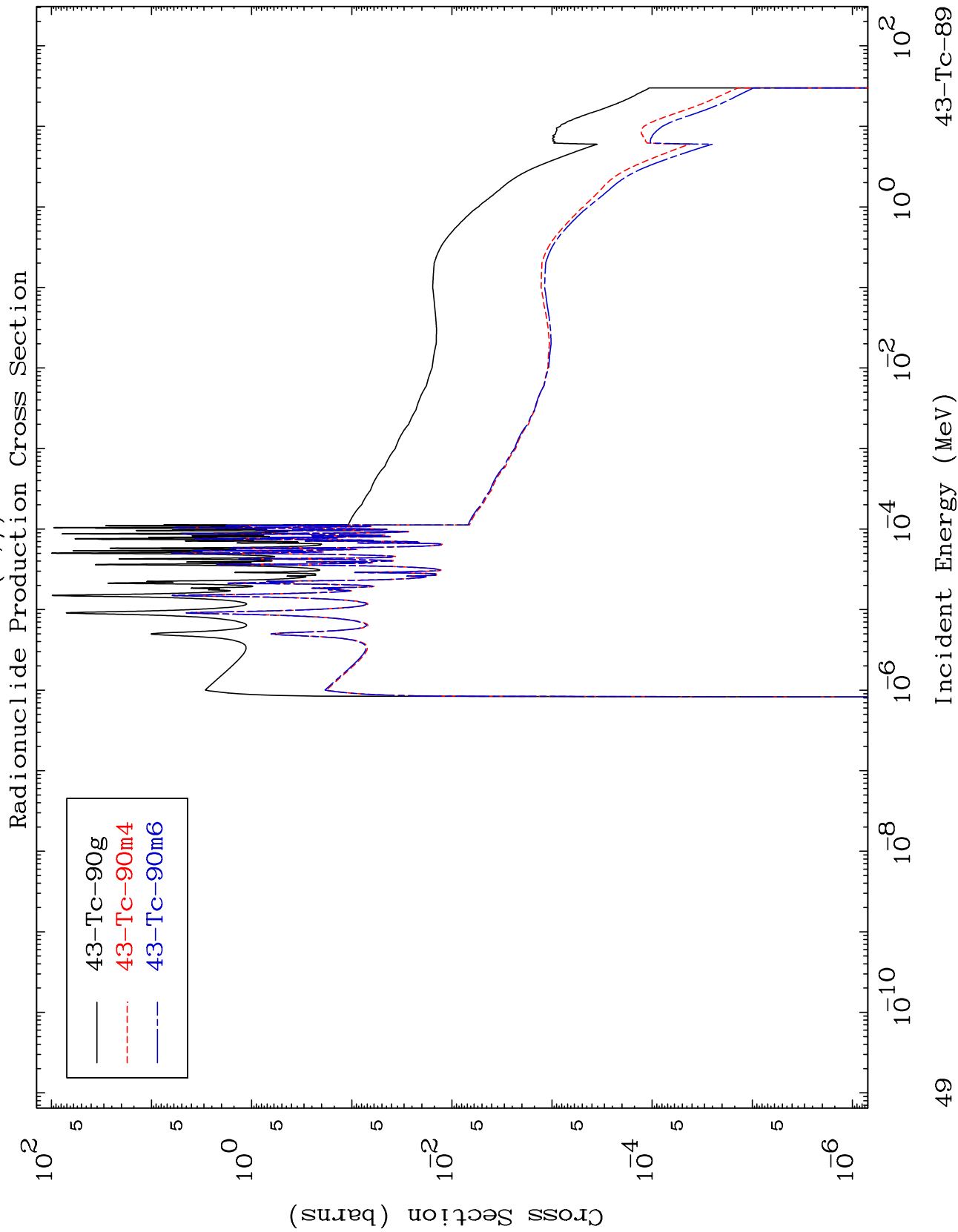
48

Incident Energy (MeV)

43-Tc-89

MAT 4295

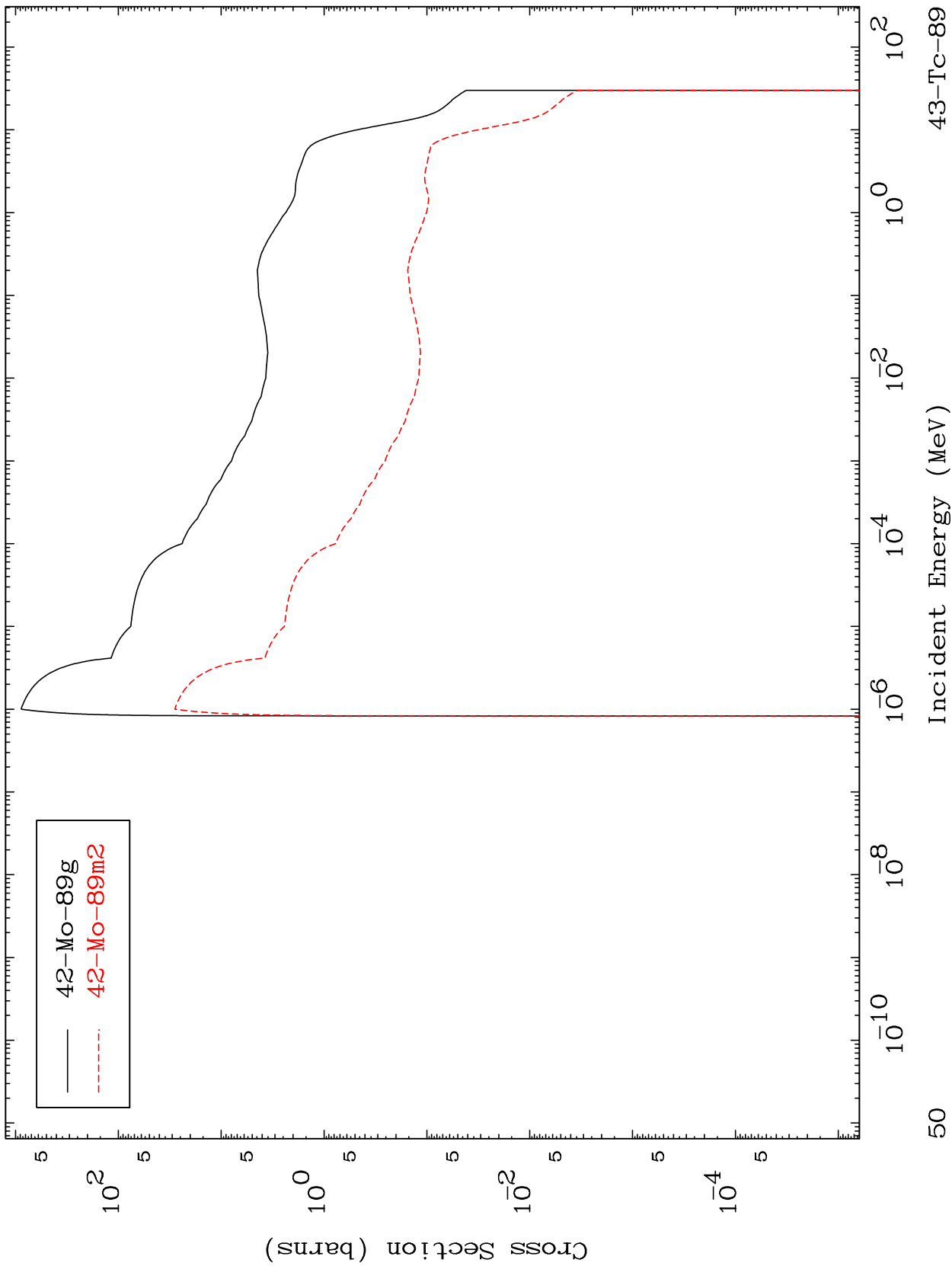
43-Tc-89



MAT 4295

43-Tc-89

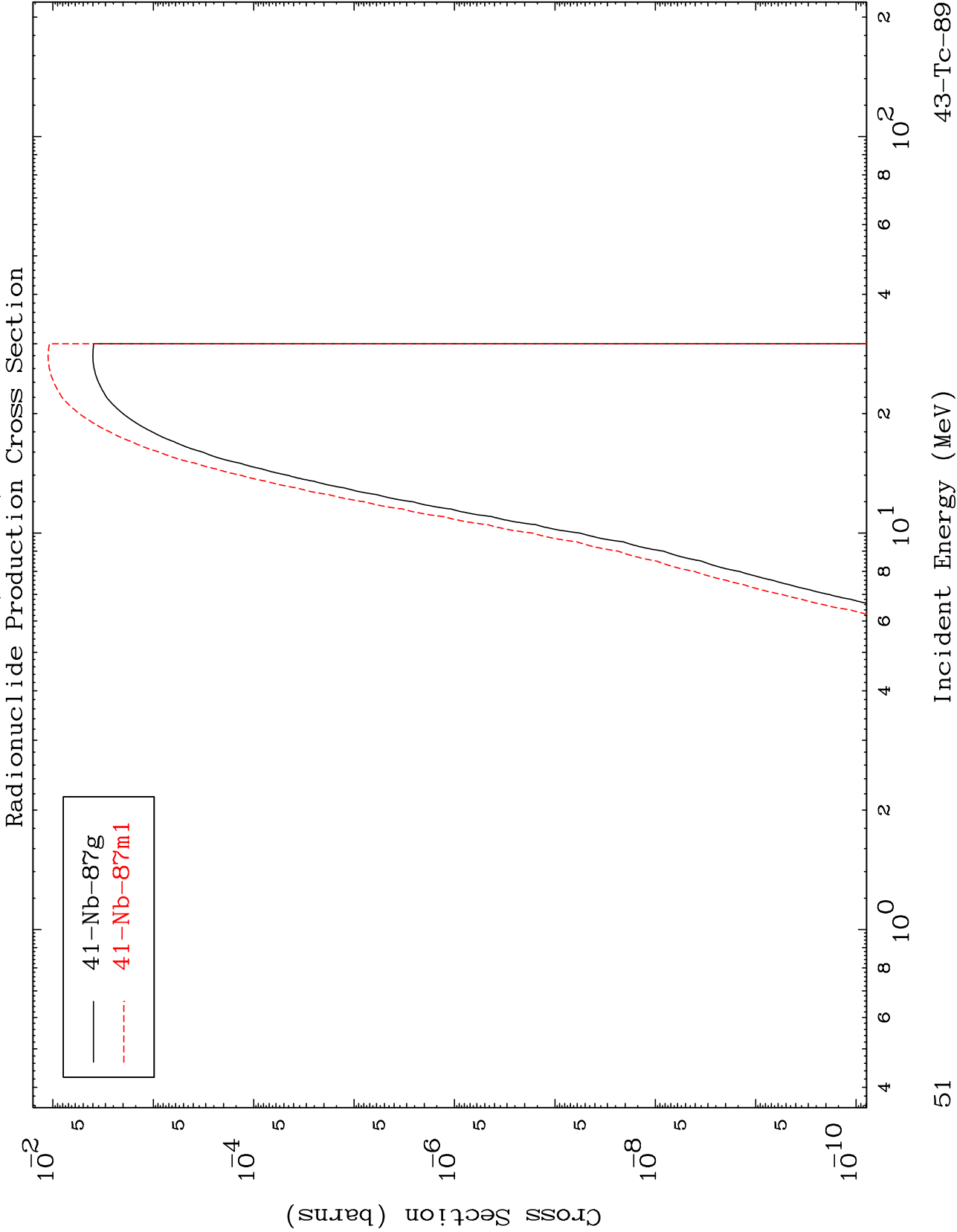
(n,p)  
Radionuclide Production Cross Section



MAT 4295

(n,He-3)

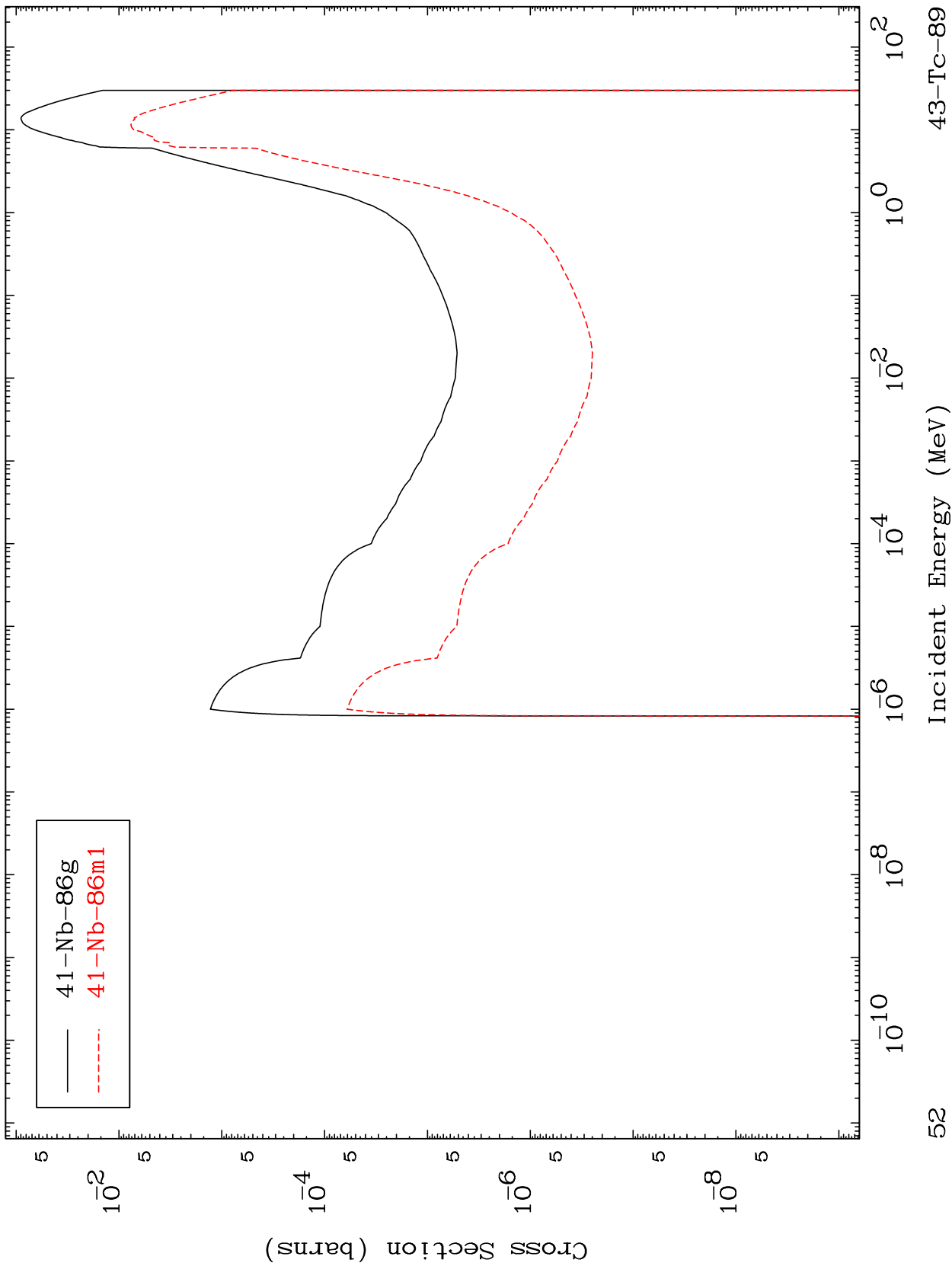
43-Tc-89



MAT 4295

43-Tc-89

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

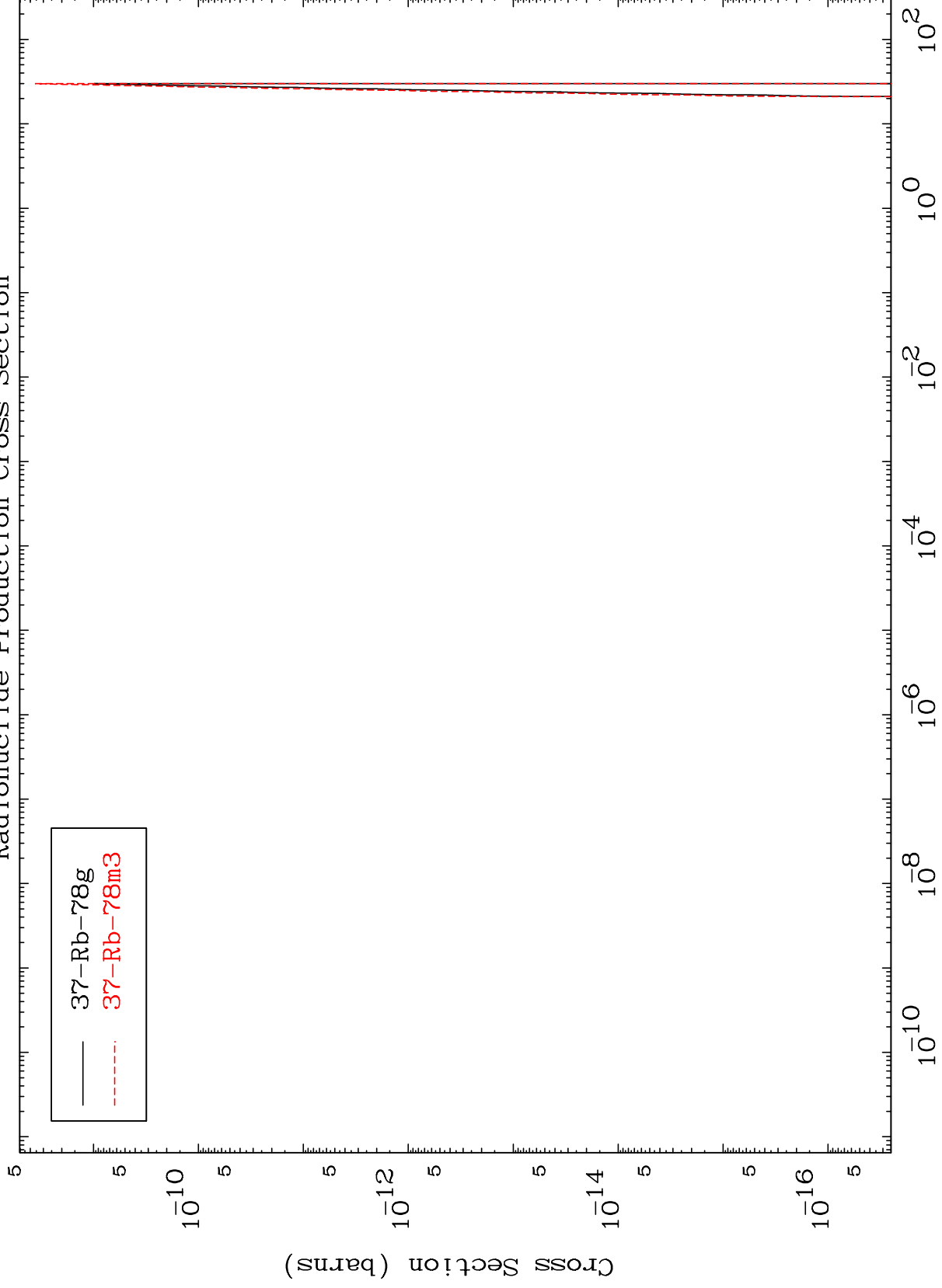


MAT 4295

(n, 3α)

43-Tc-89

Radionuclide Production Cross Section



53

Incident Energy (MeV)

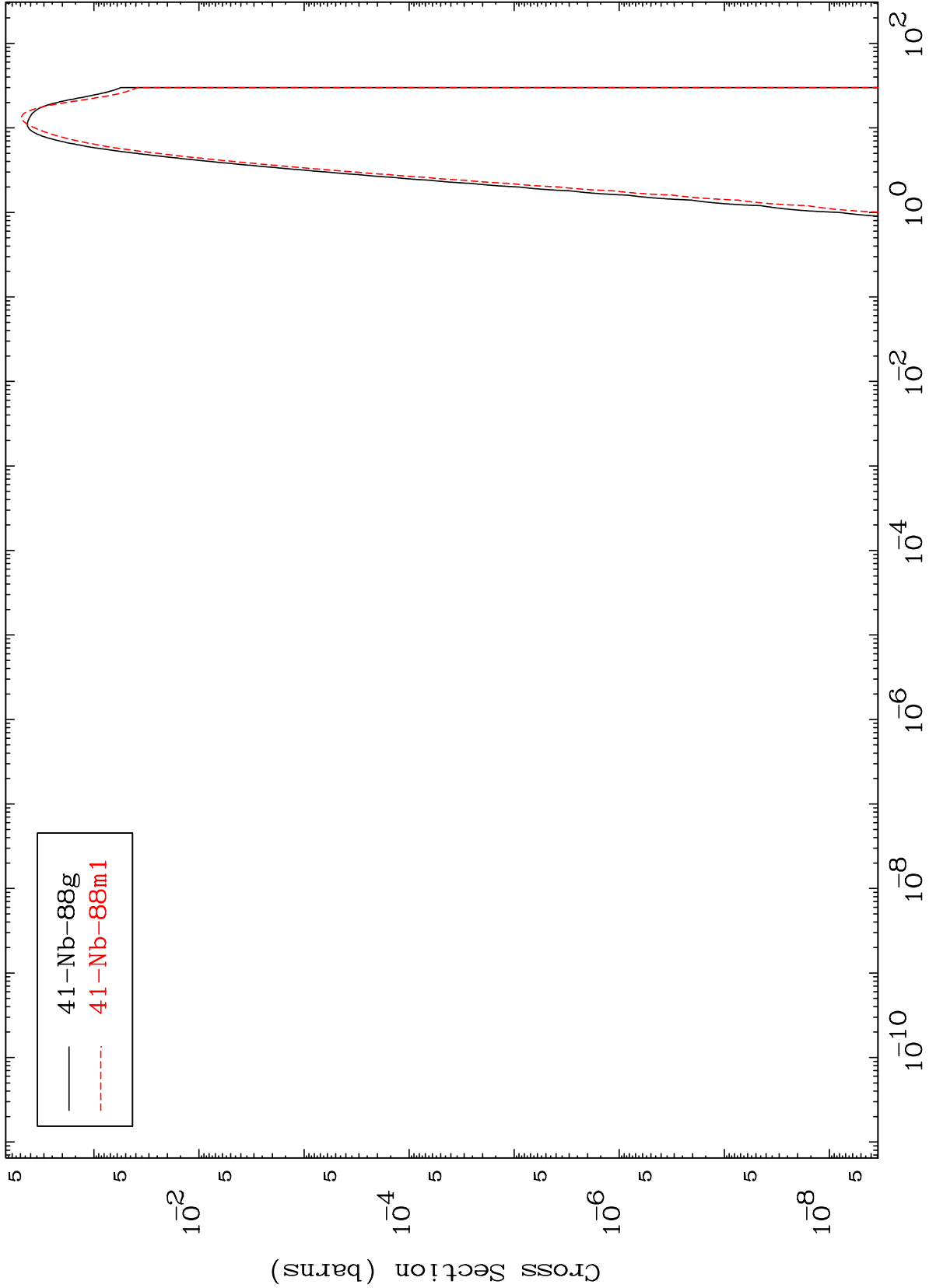
43-Tc-89

MAT 4295

(n,2p)

43-Tc-89

Radionuclide Production Cross Section



54

Incident Energy (MeV)

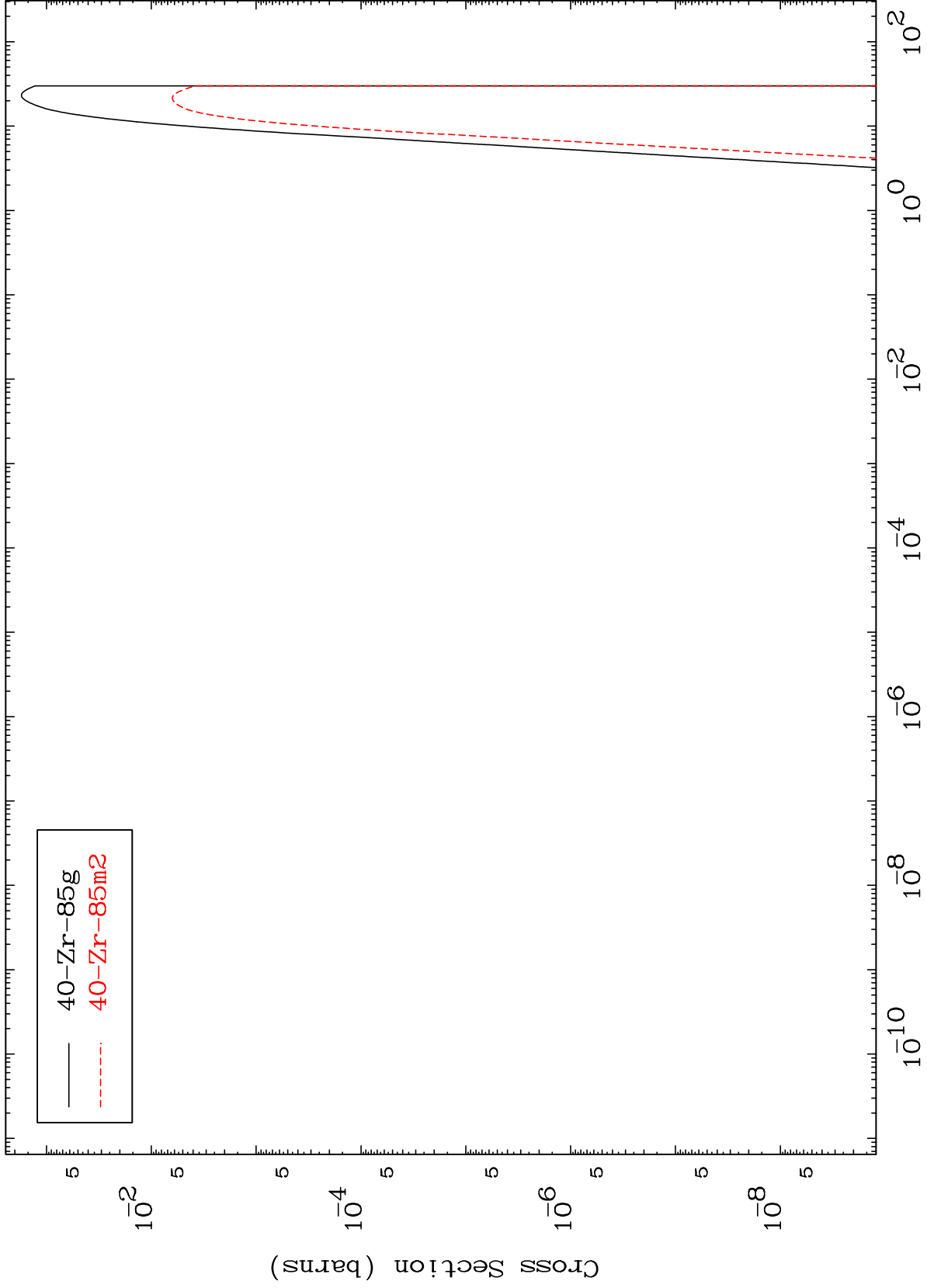
43-Tc-89

MAT 4295

(n,p)  $\alpha$

43-Tc-89

Radionuclide Production Cross Section



55

Incident Energy (MeV)

43-Tc-89

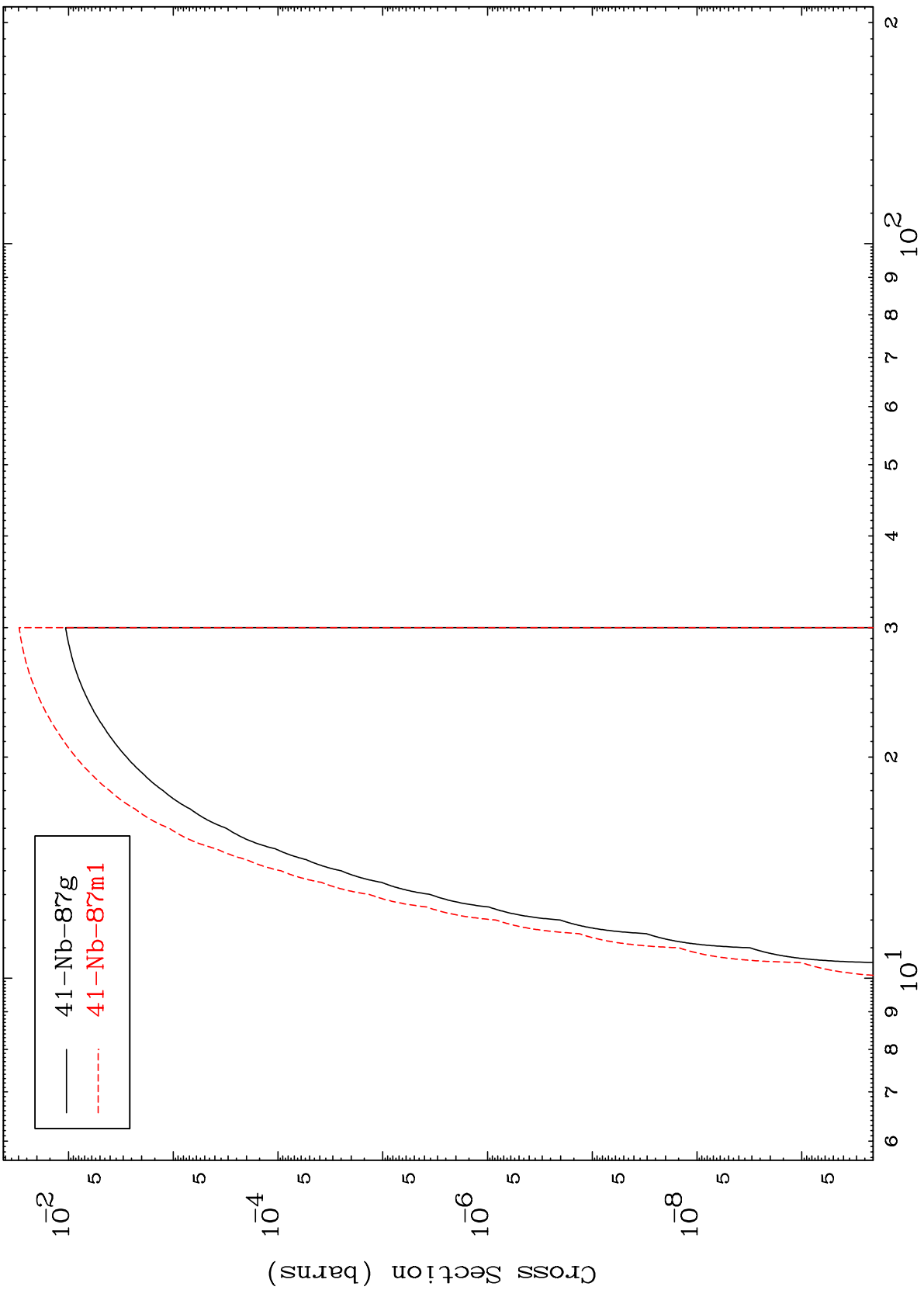


MAT 4295

(n,p) d

43-Tc-89

Radionuclide Production Cross Section



— 41-Nb-87g  
- - - 41-Nb-87m1

56

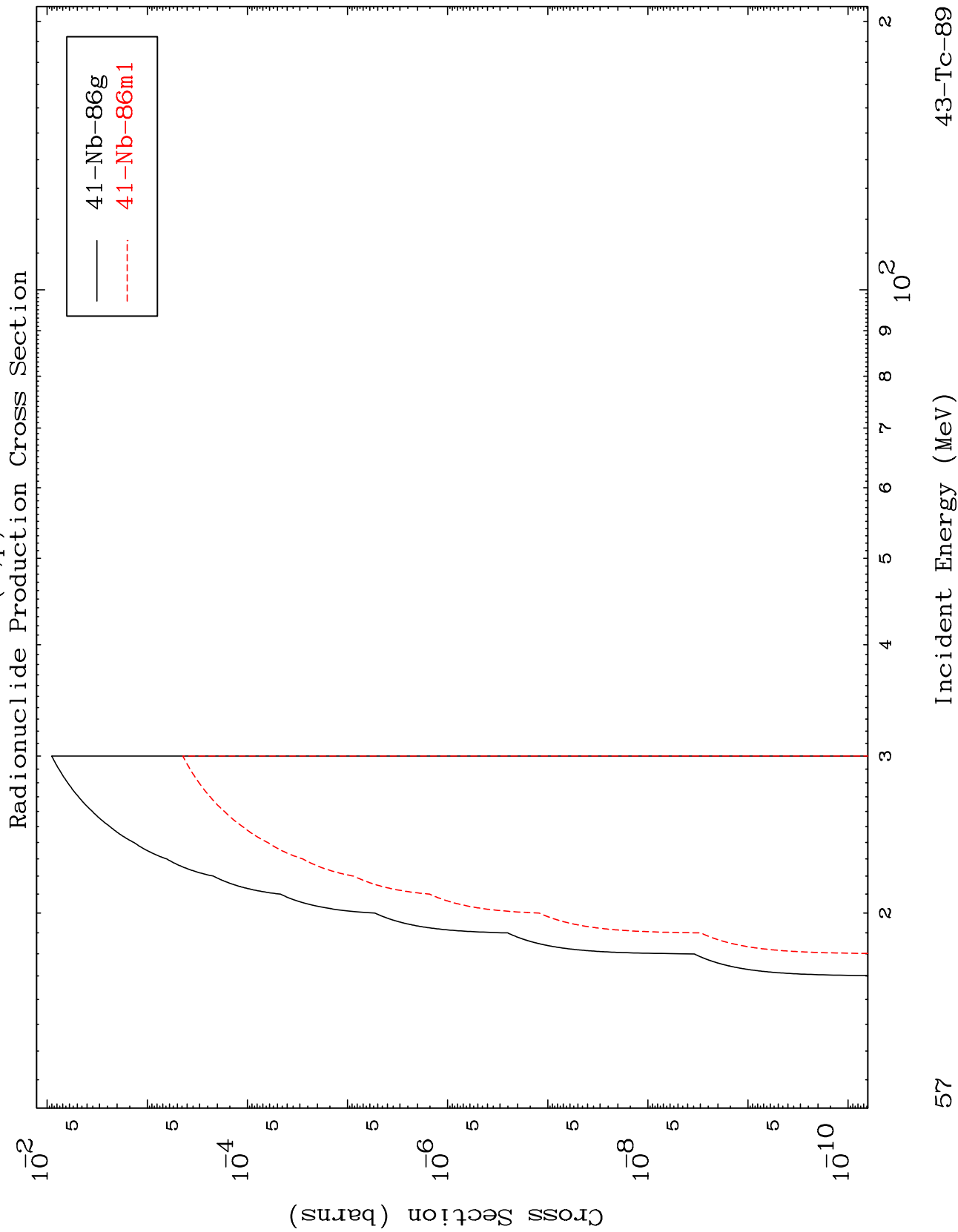
Incident Energy (MeV)

43-Tc-89

MAT 4295

(n,p) t

43-Tc-89



57

43-Tc-89