

Program EVALPLOT  
(Version 2021-1)

by

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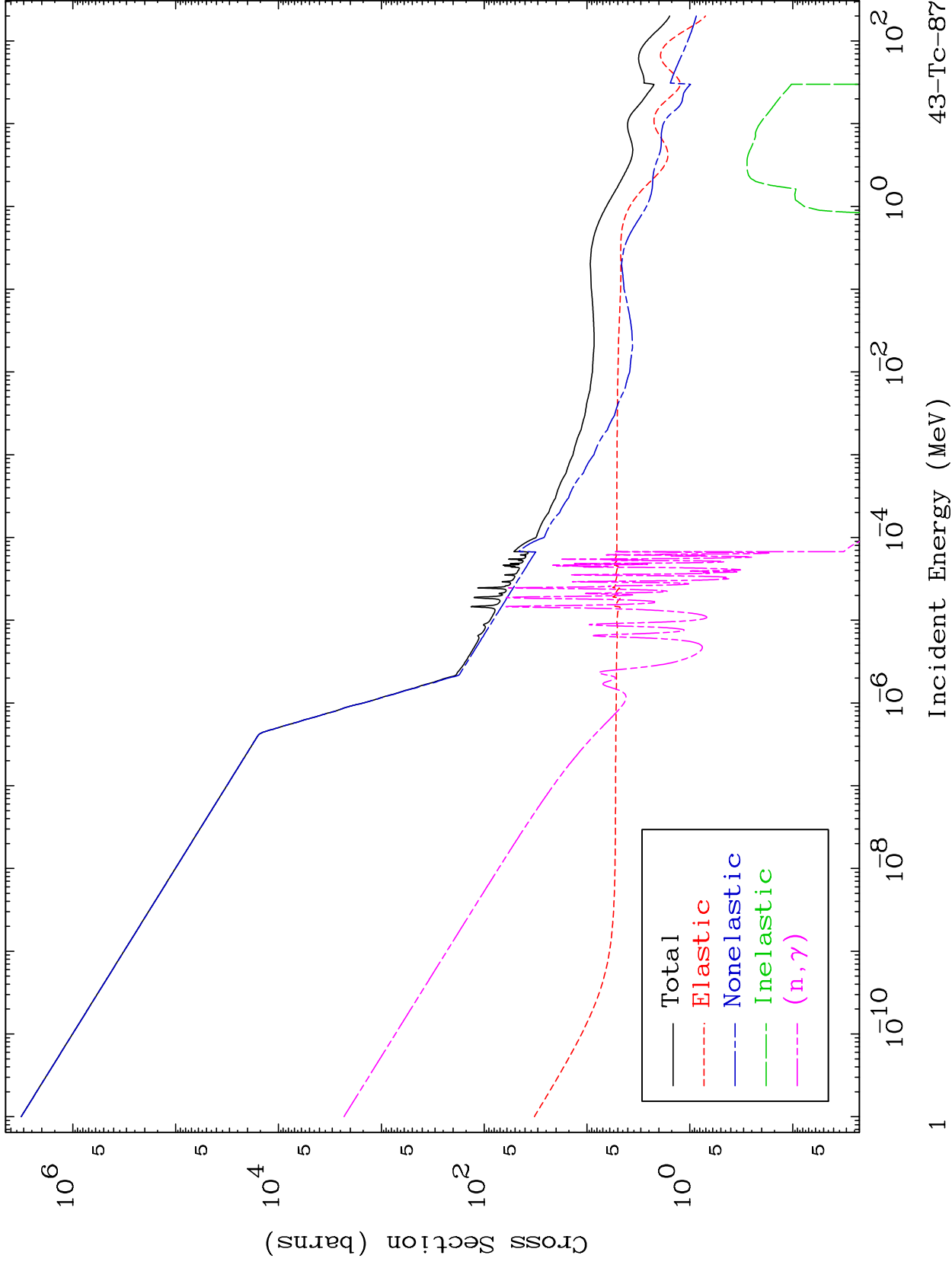
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4289

Neutron Major  
293 Kelvin Cross Sections

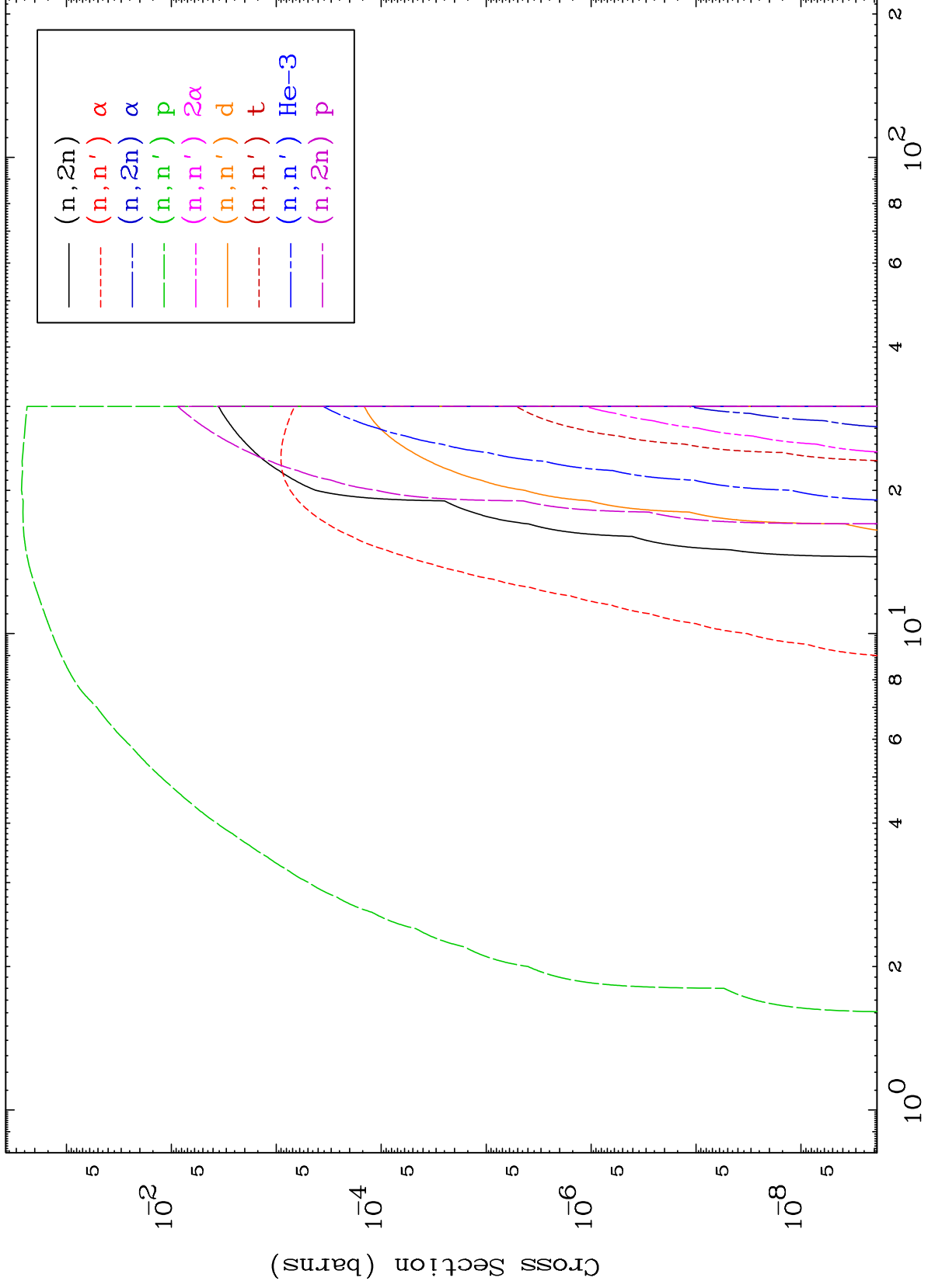
43-Tc-87



MAT 4289

Neutron Absorption  
293 Kelvin Cross Sections

43-Tc-87



43-Tc-87

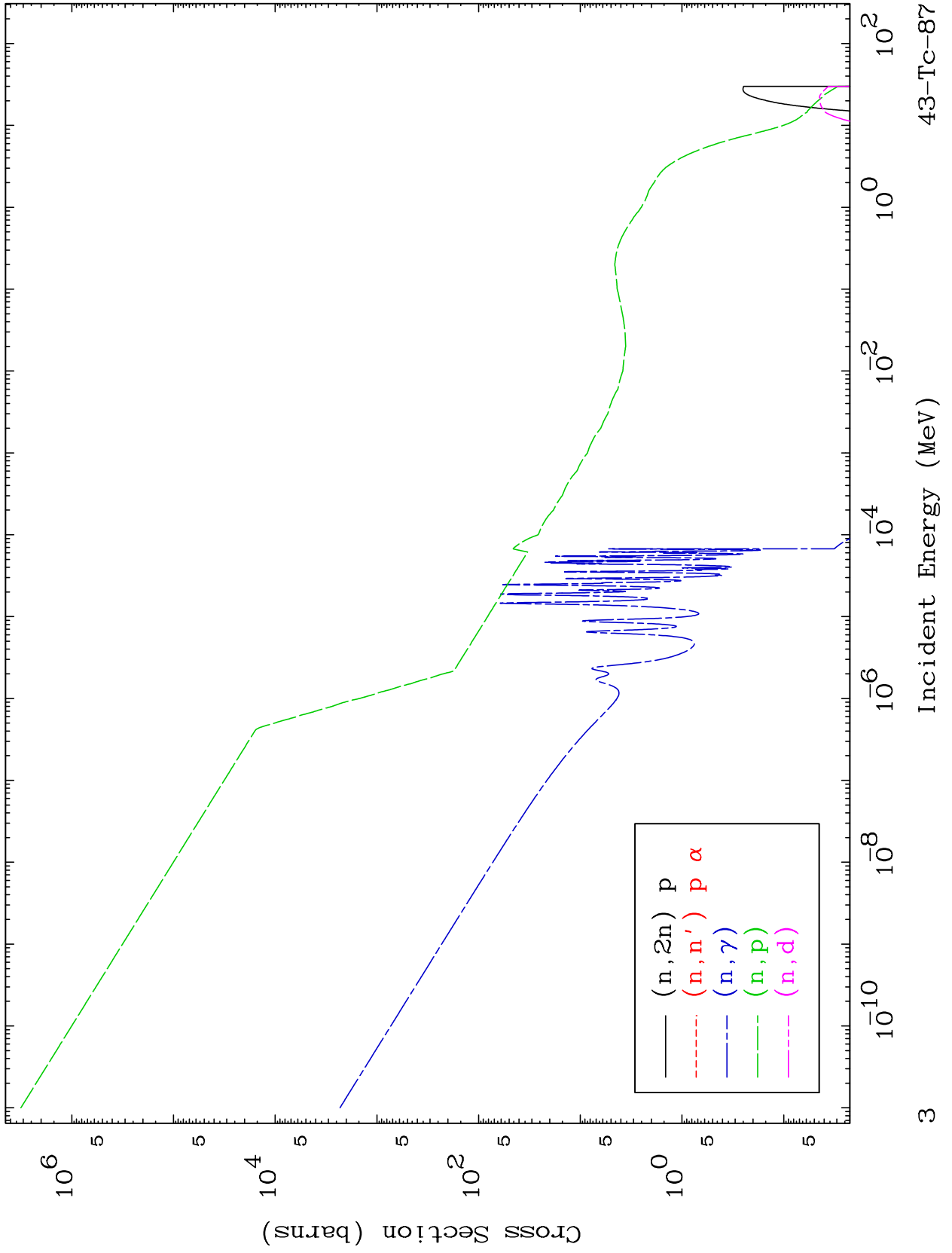
Incident Energy (MeV)

2

MAT 4289

Neutron Absorption  
293 Kelvin Cross Sections

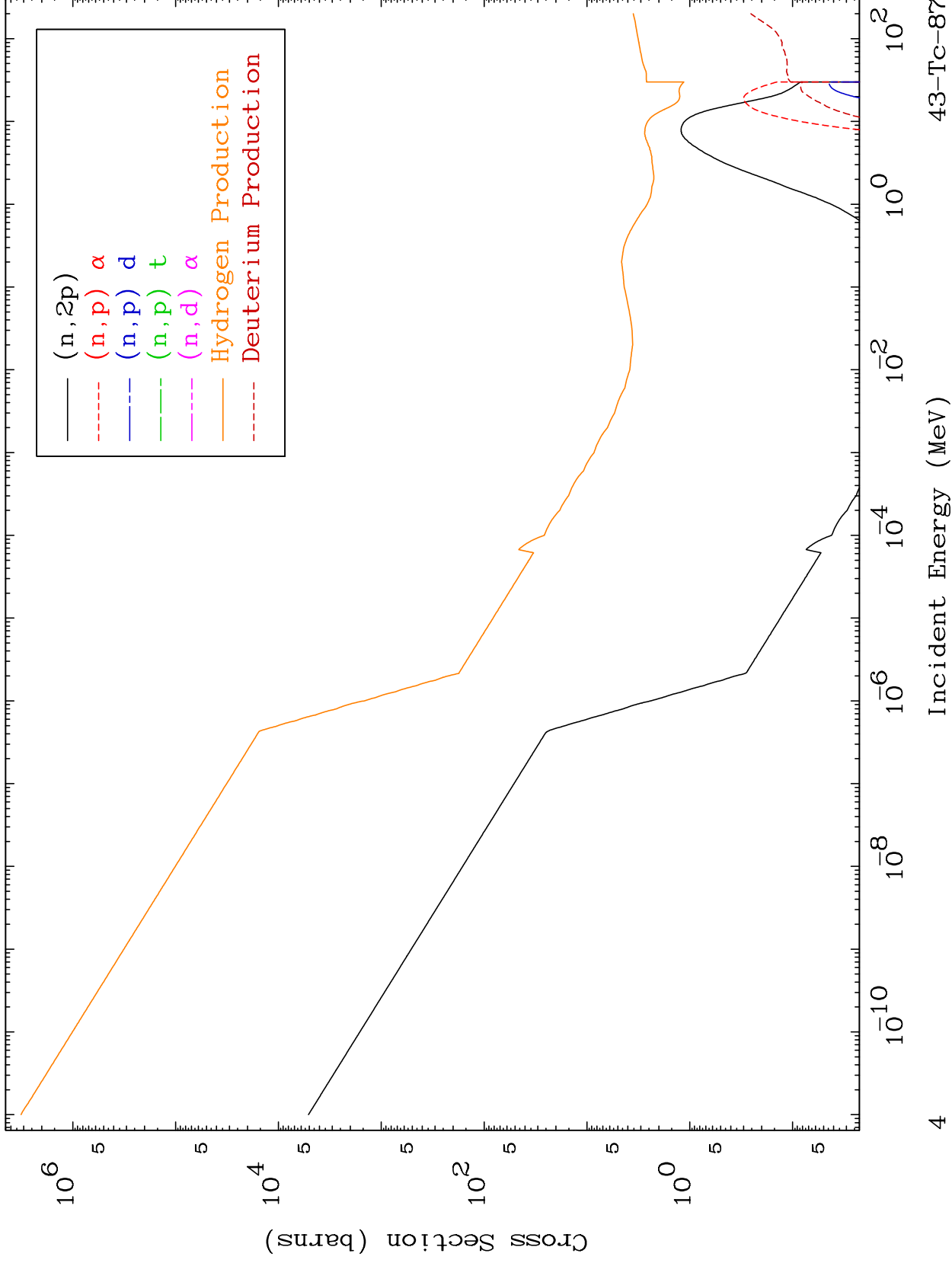
43-Tc-87



MAT 4289

Neutron Absorption  
293 Kelvin Cross Sections

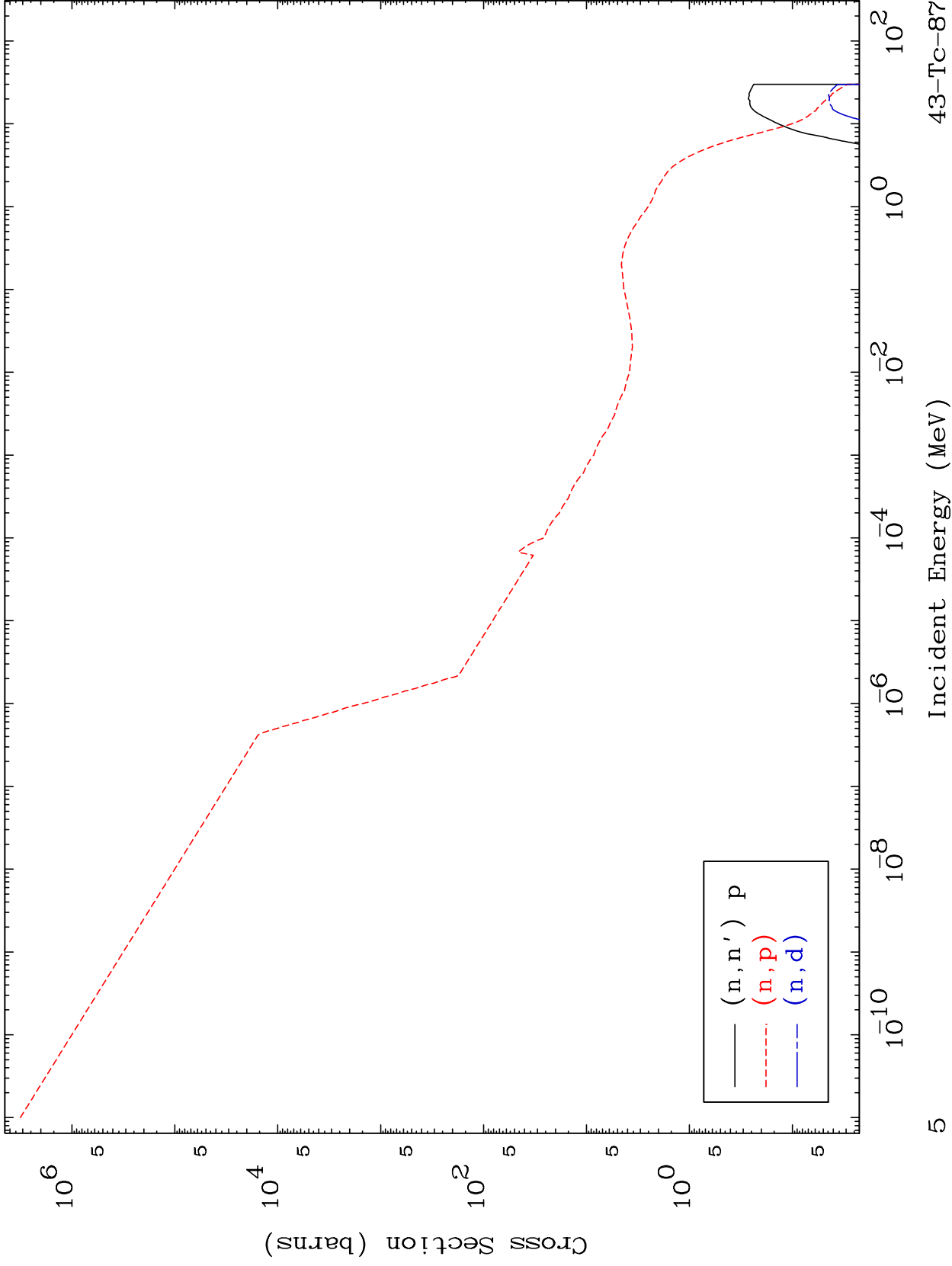
43-Tc-87



MAT 4289

Charged Particle  
293 Kelvin Cross Sections

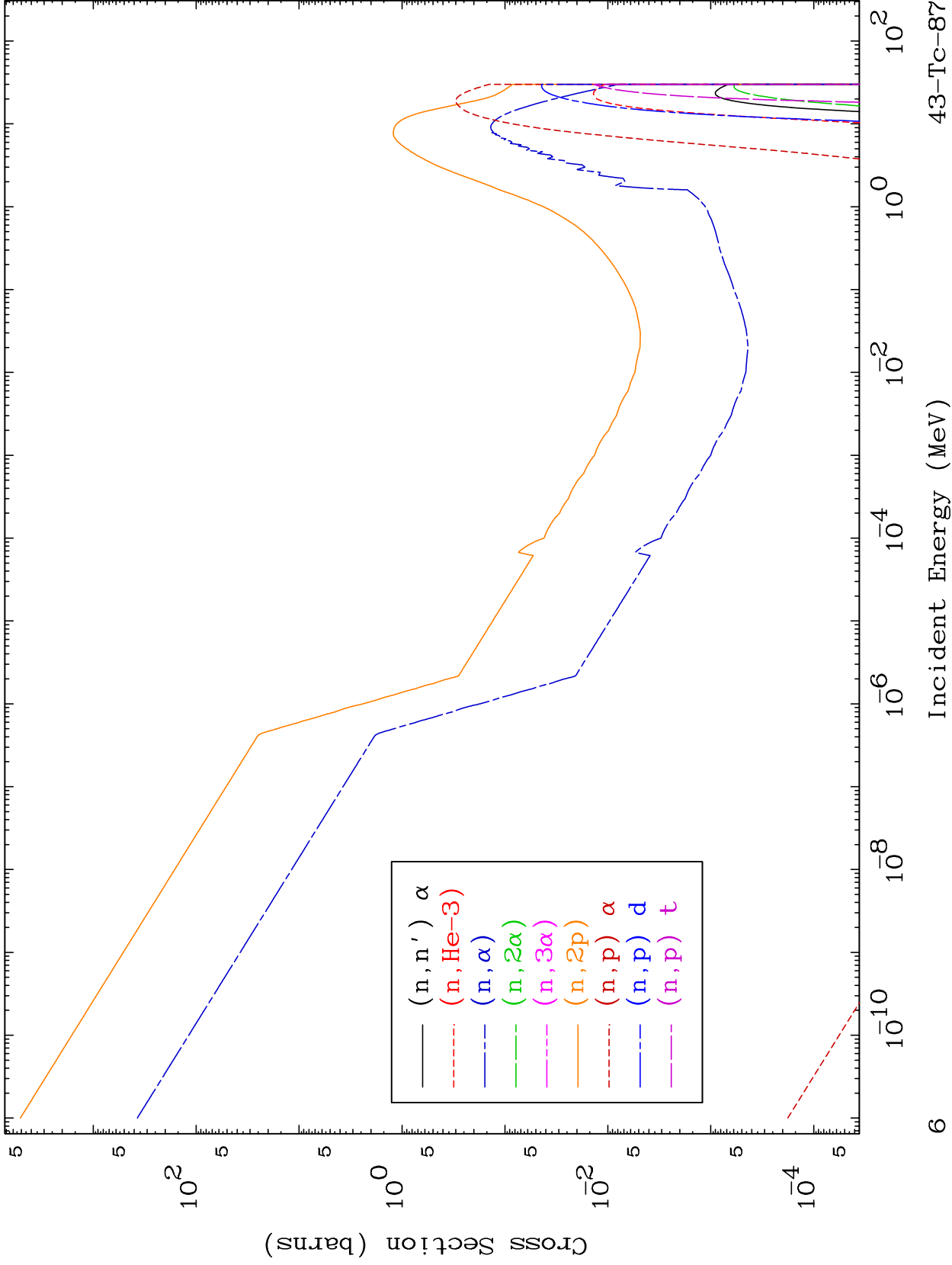
43-Tc-87



MAT 4289

Charged Particle  
293 Kelvin Cross Sections

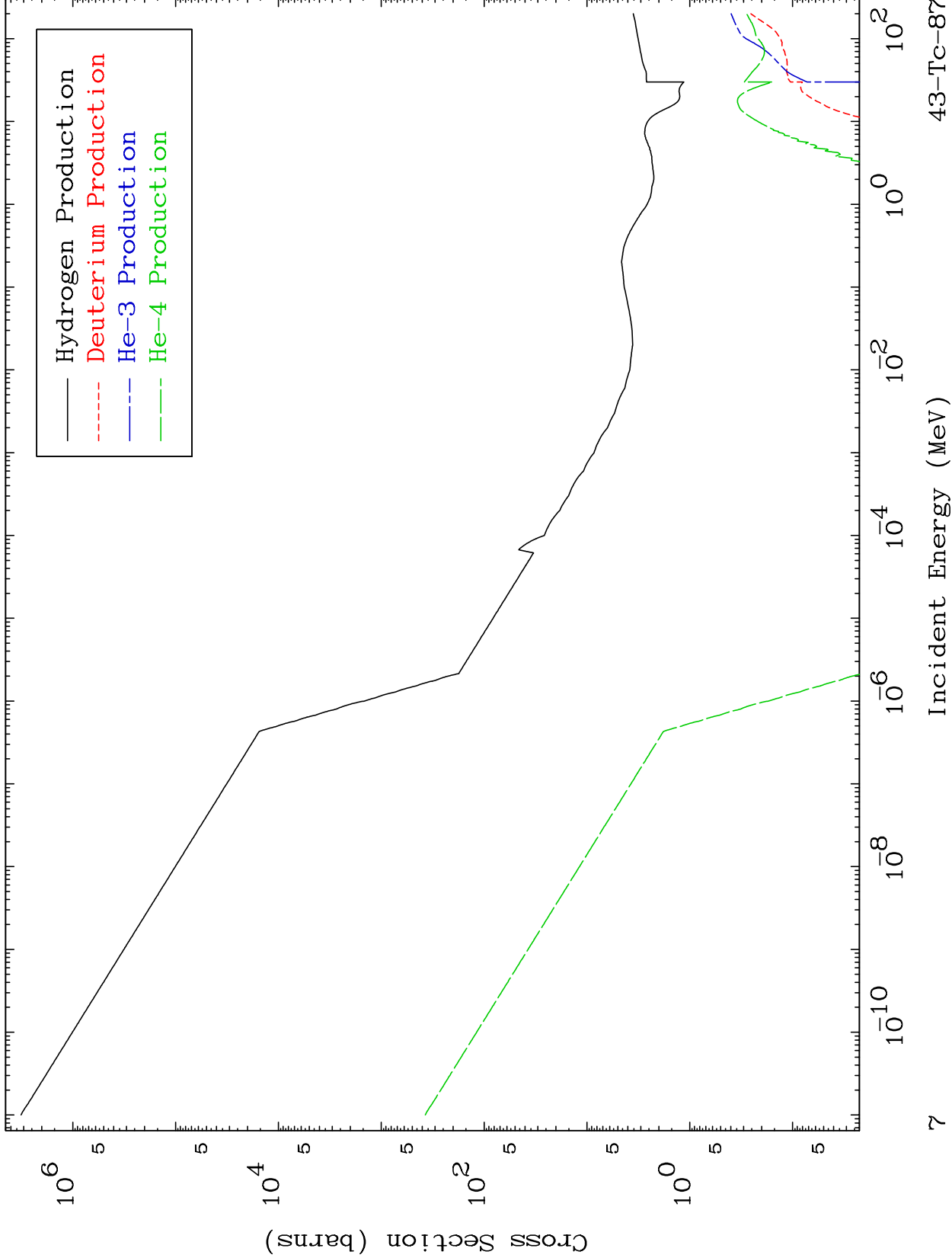
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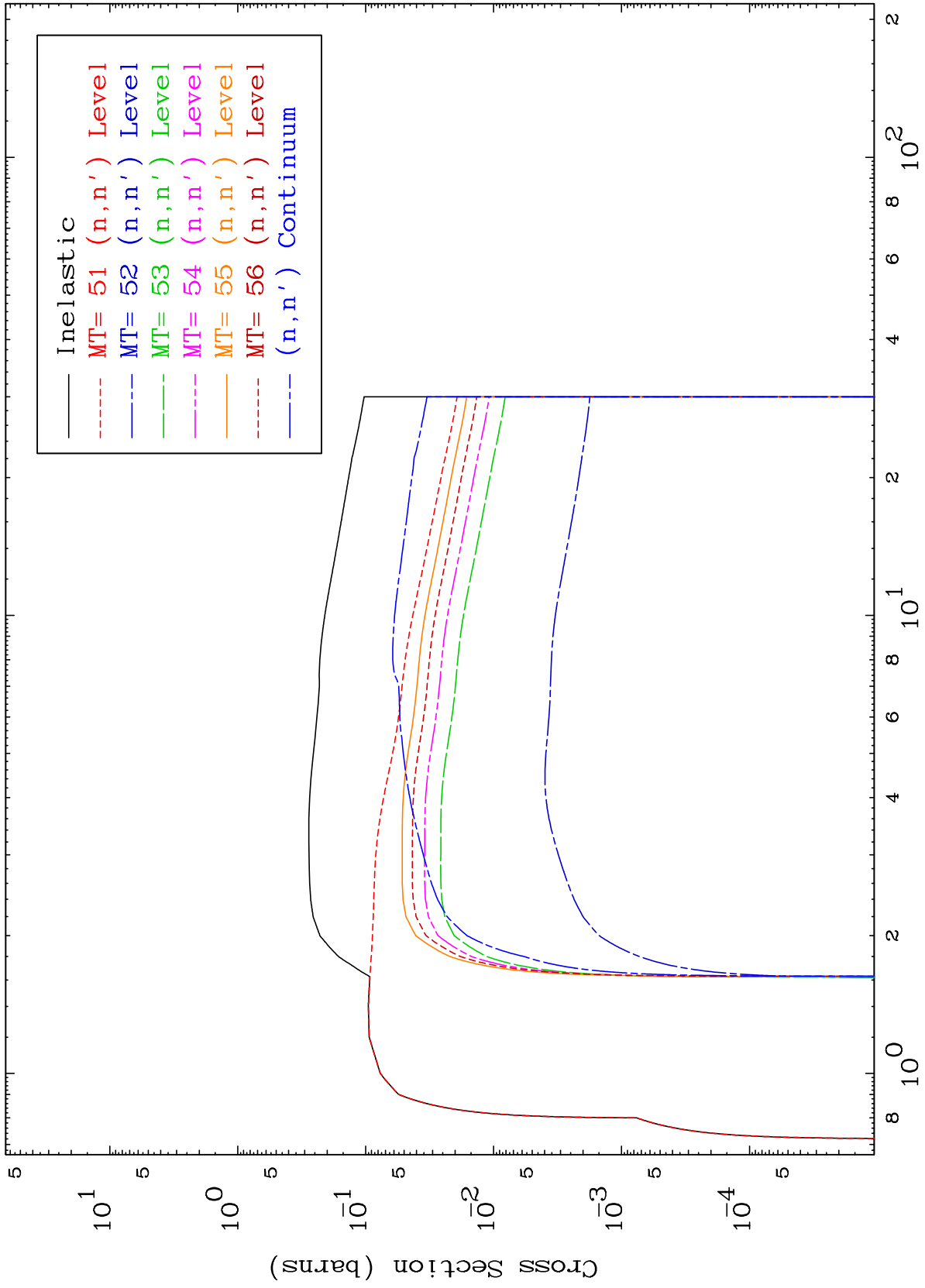
MAT 4289

Particle Production  
293 Kelvin Cross Sections

43-Tc-87



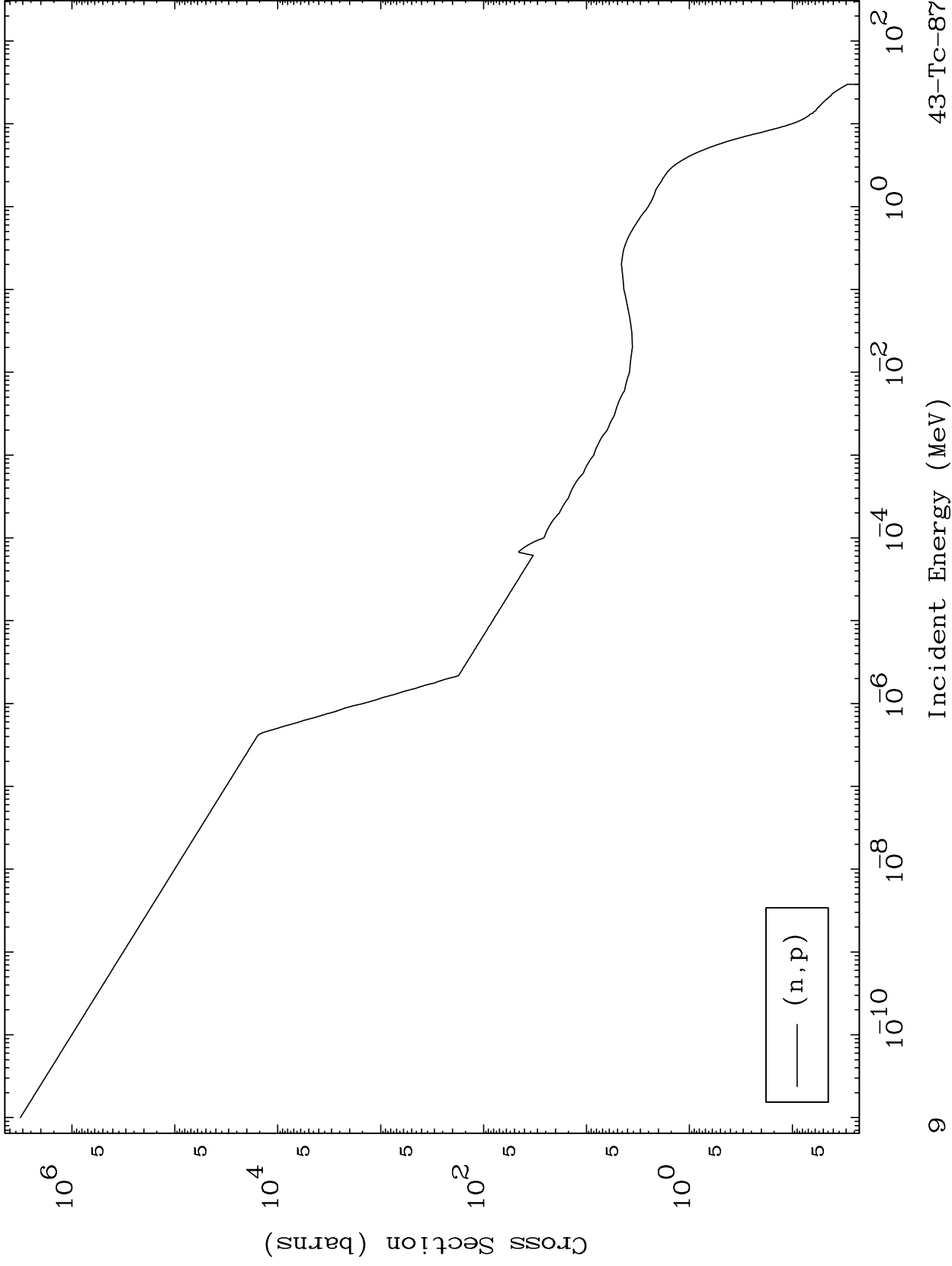




MAT 4289

(n,p) Levels  
293 Kelvin Cross Sections

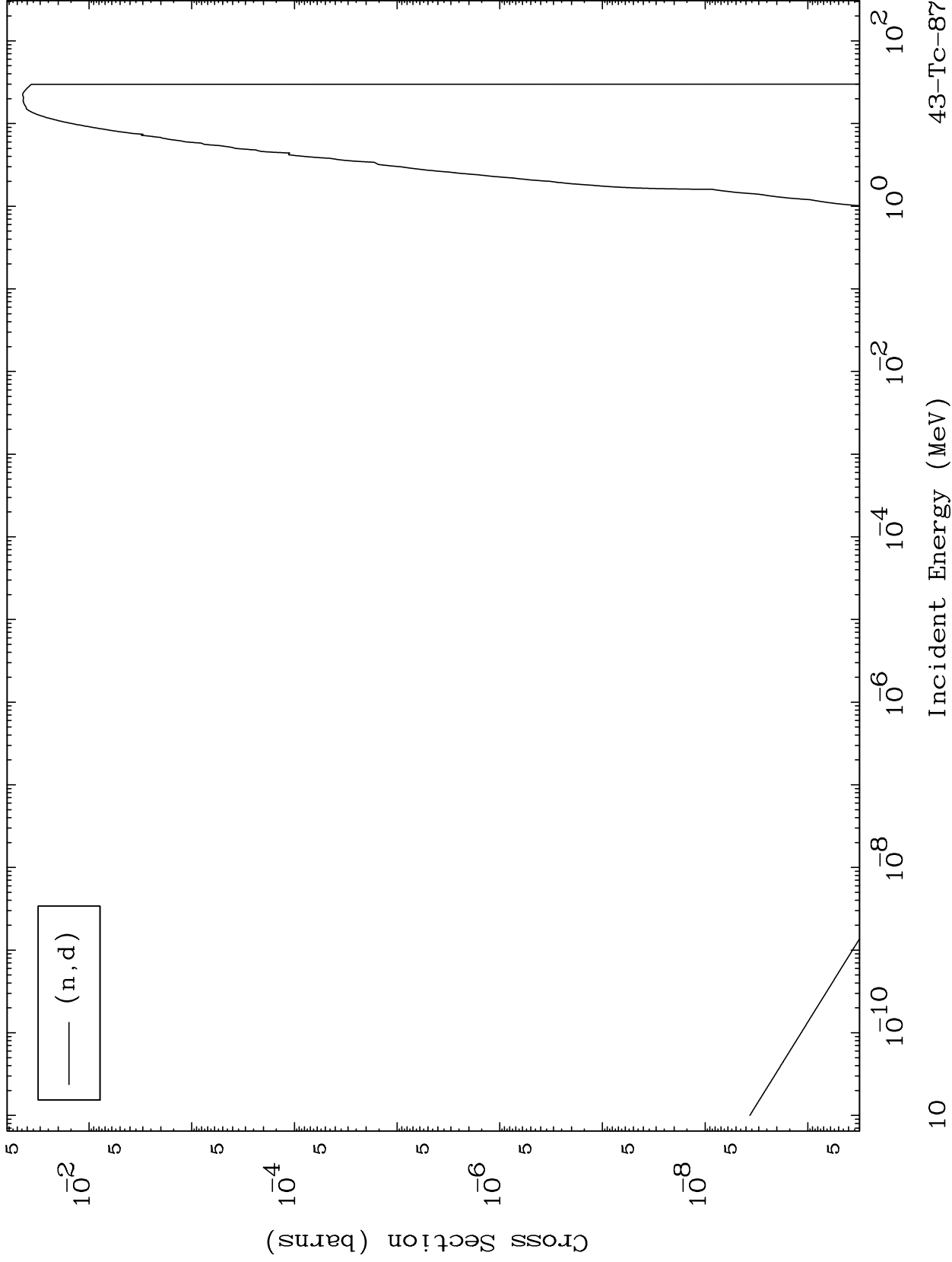
43-Tc-87



MAT 4289

(n,d) Levels  
293 Kelvin Cross Sections

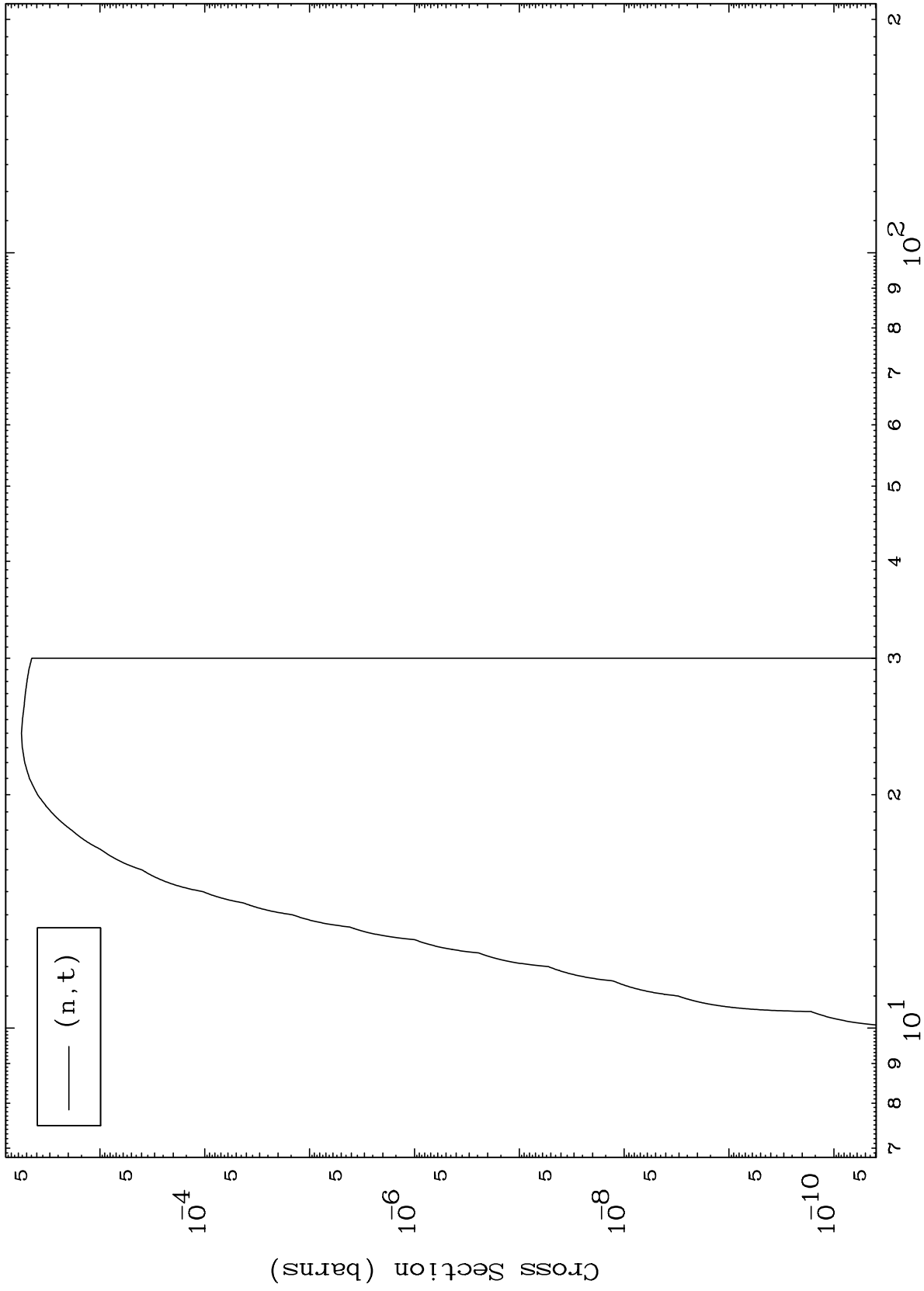
43-Tc-87



MAT 4289

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-87



11

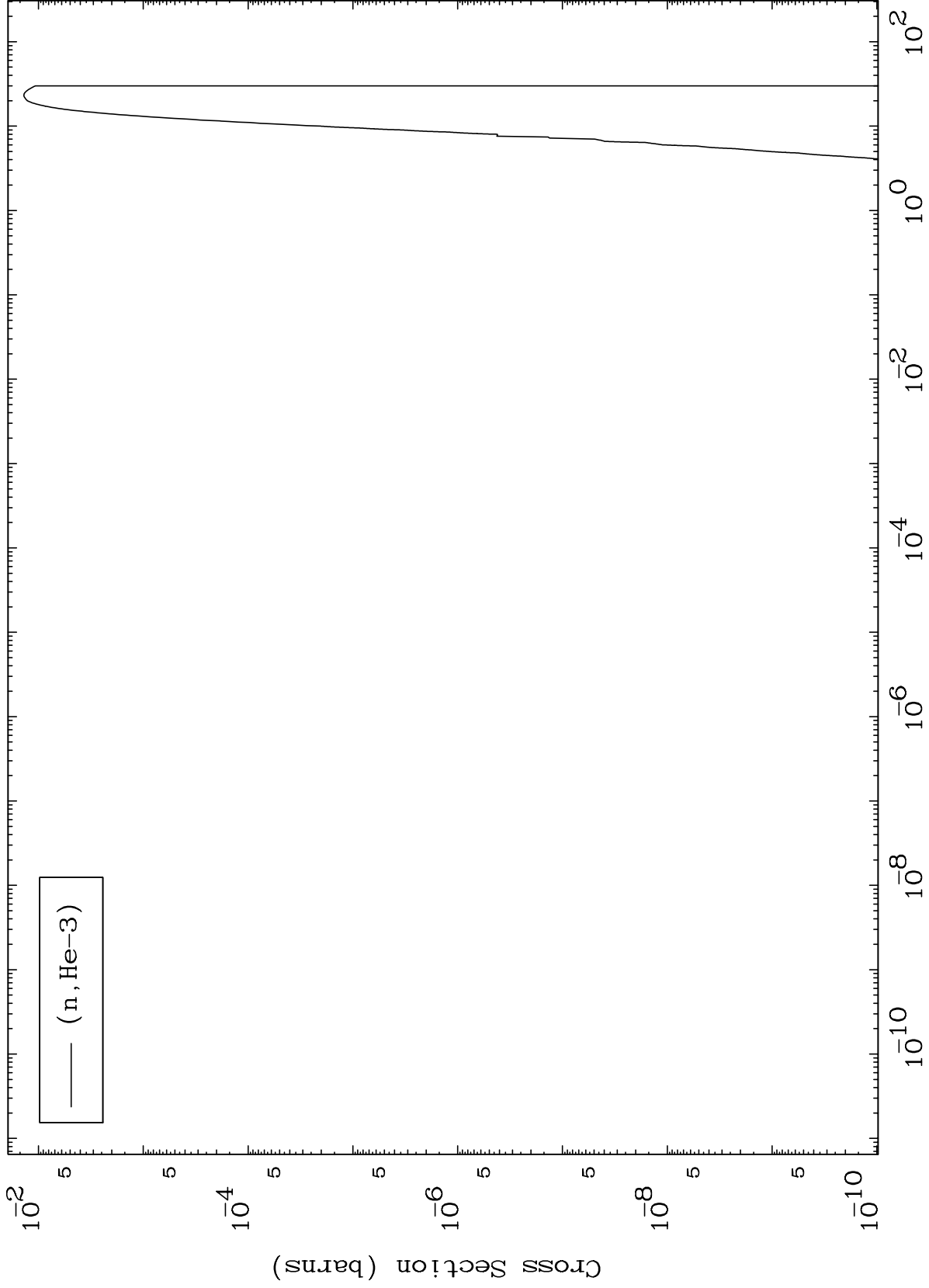
Incident Energy (MeV)

43-Tc-87

MAT 4289

(n,He3) Levels  
293 Kelvin Cross Sections

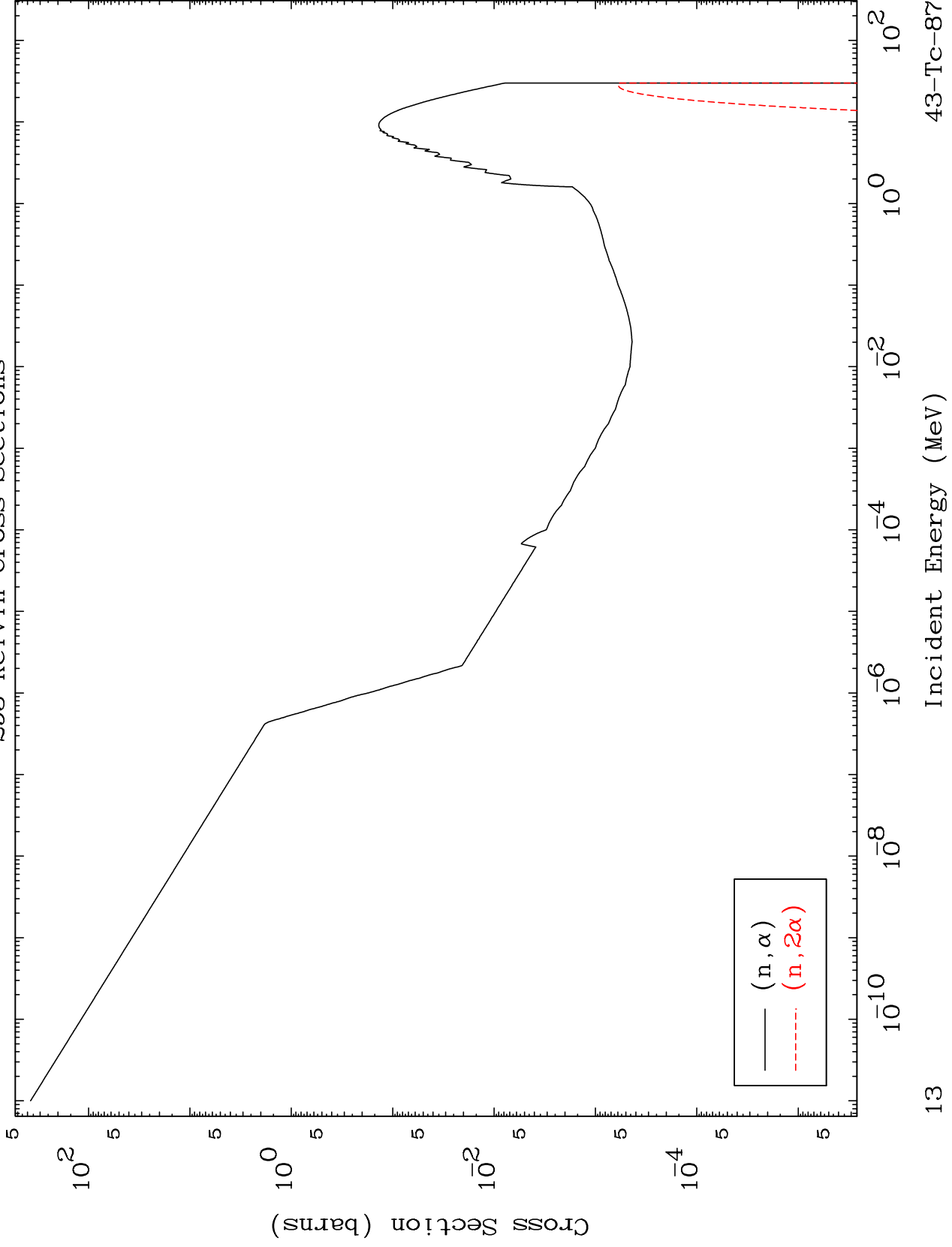
43-Tc-87



MAT 4289

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

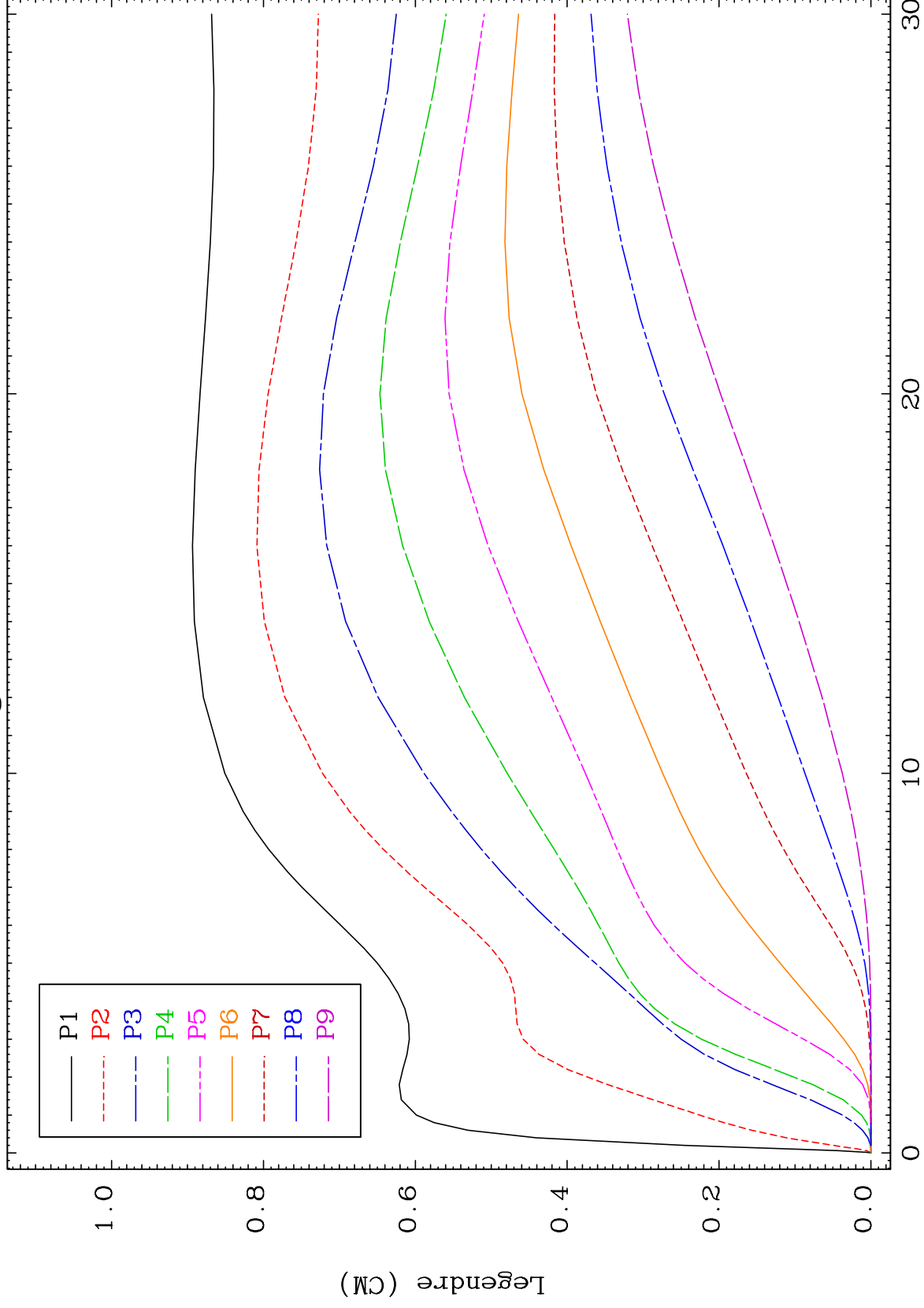
43-Tc-87



MAT 4289

Elastic Legendre Coefficients

43-Tc-87



14

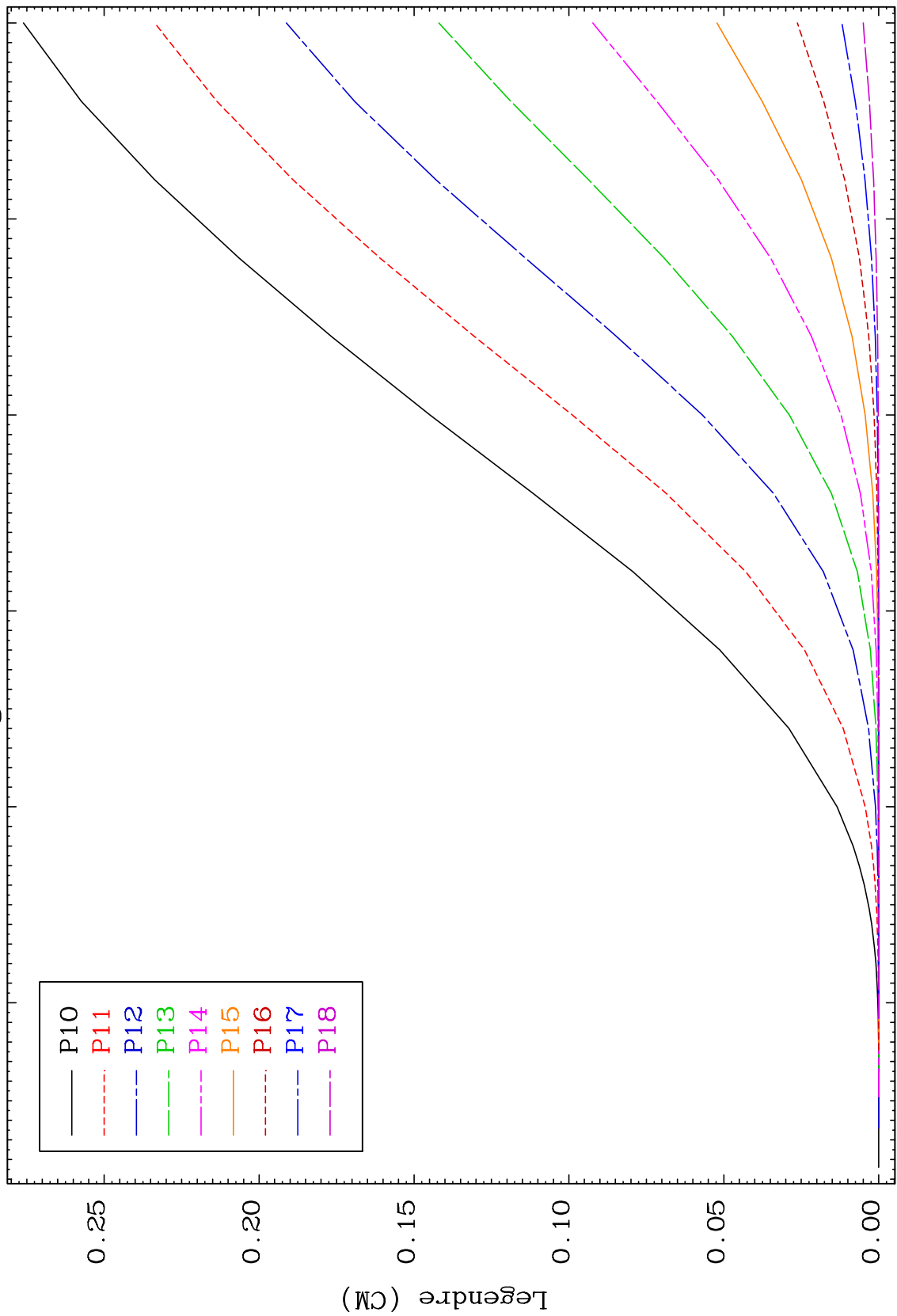
Incident Energy (MeV)

43-Tc-87

MAT 4289

Elastic Legendre Coefficients

43-Tc-87



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Incident Energy (MeV)

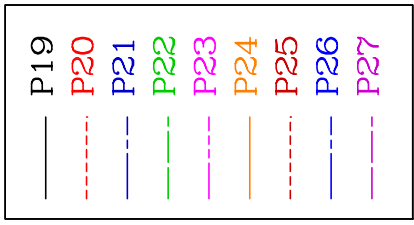
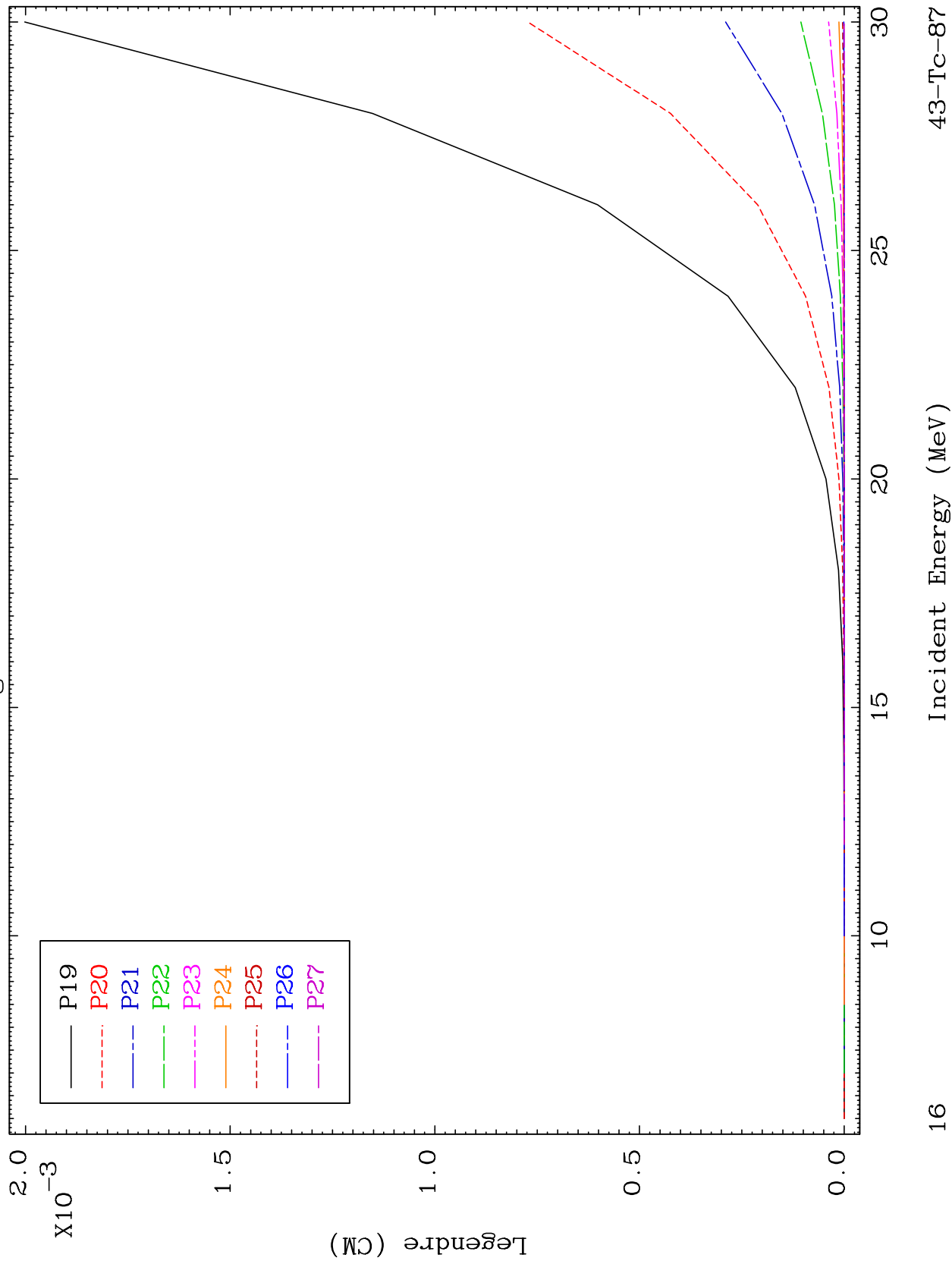
43-Tc-87



MAT 4289

Elastic  
Legendre Coefficients

43-Tc-87



16

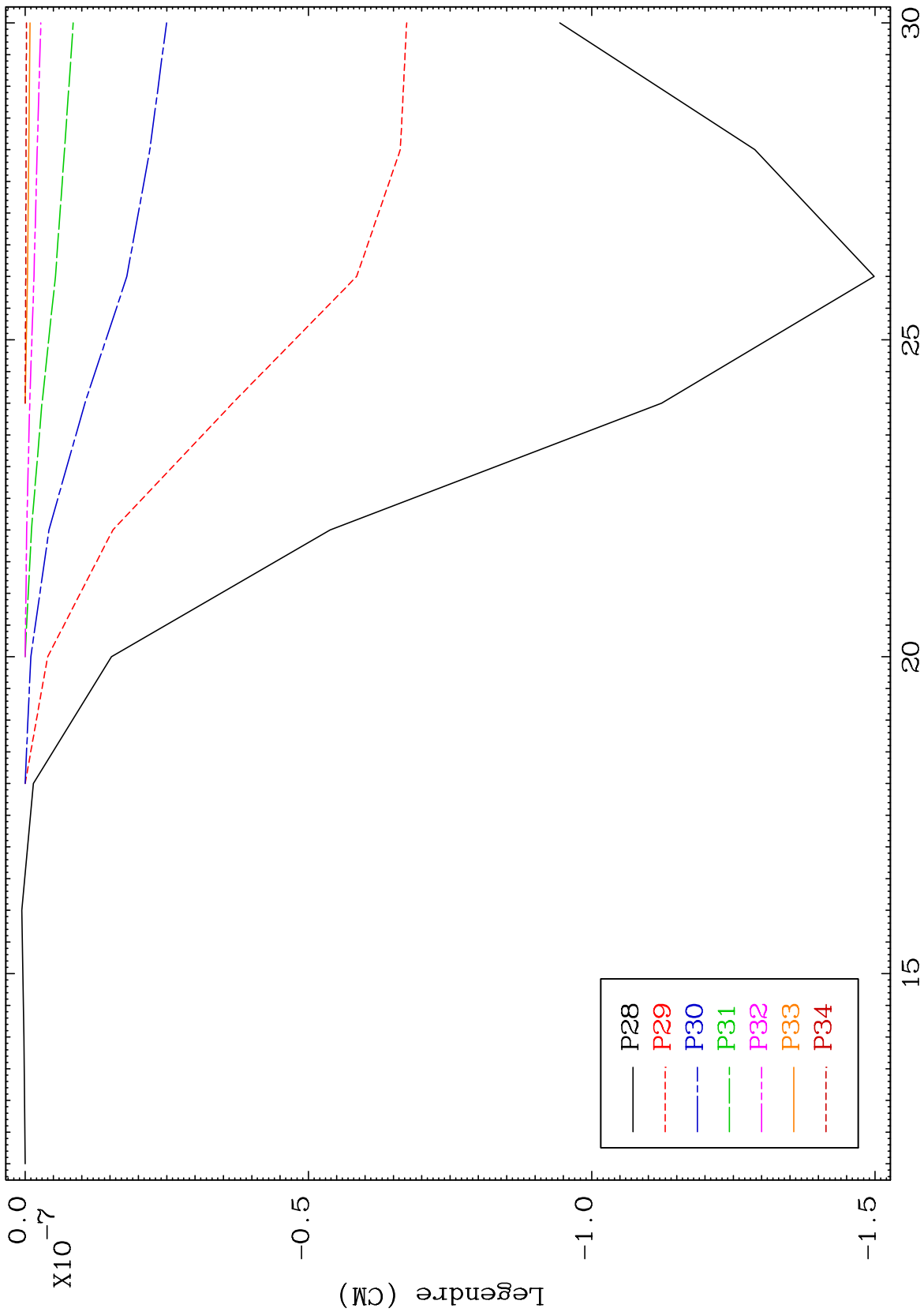
Incident Energy (MeV)

43-Tc-87

MAT 4289

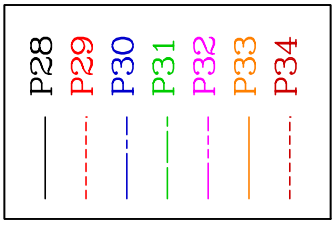
43-Tc-87

Elastic Legendre Coefficients



$\times 10^{-7}$

Legendre (CM)



17

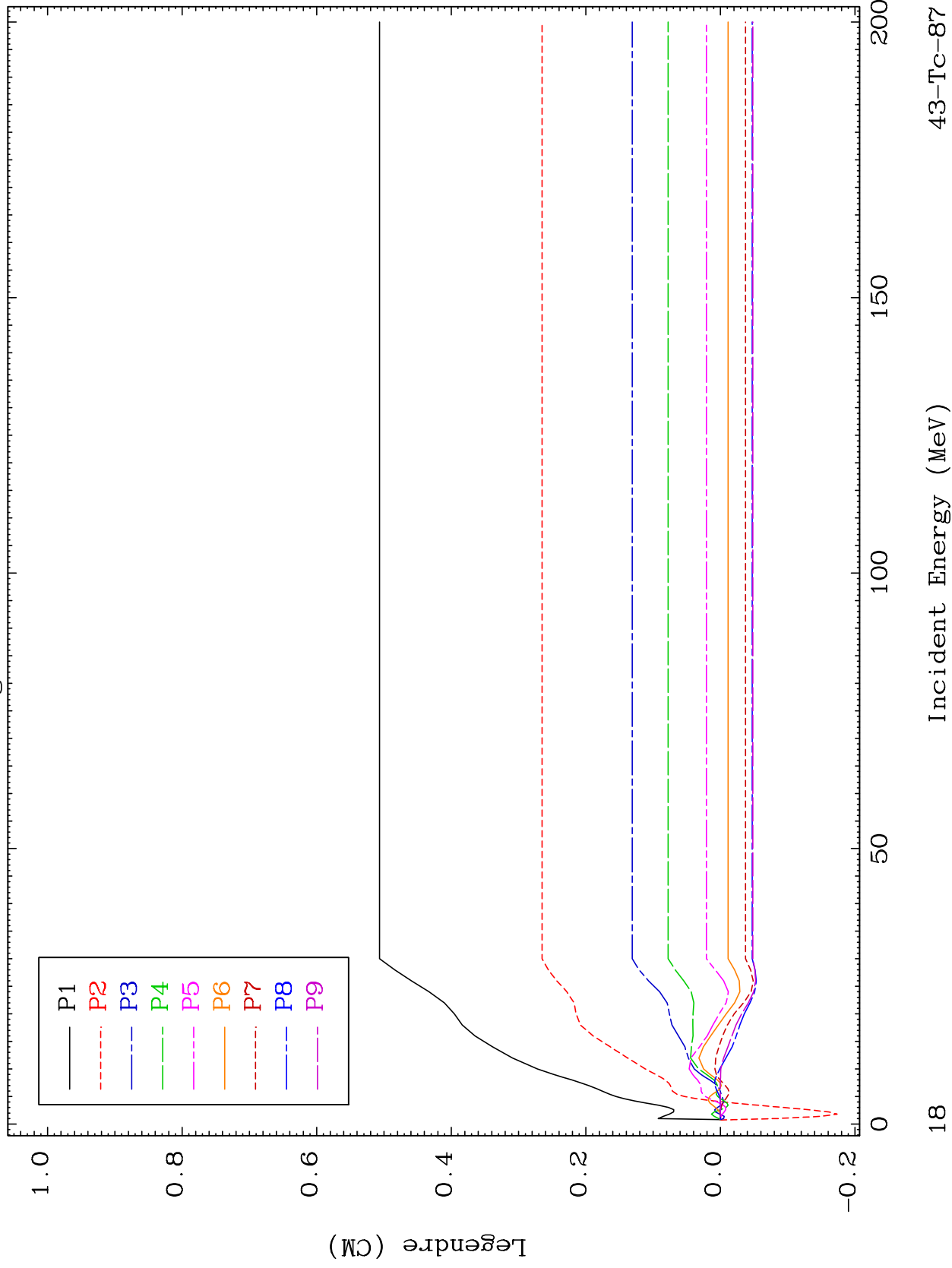
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



18

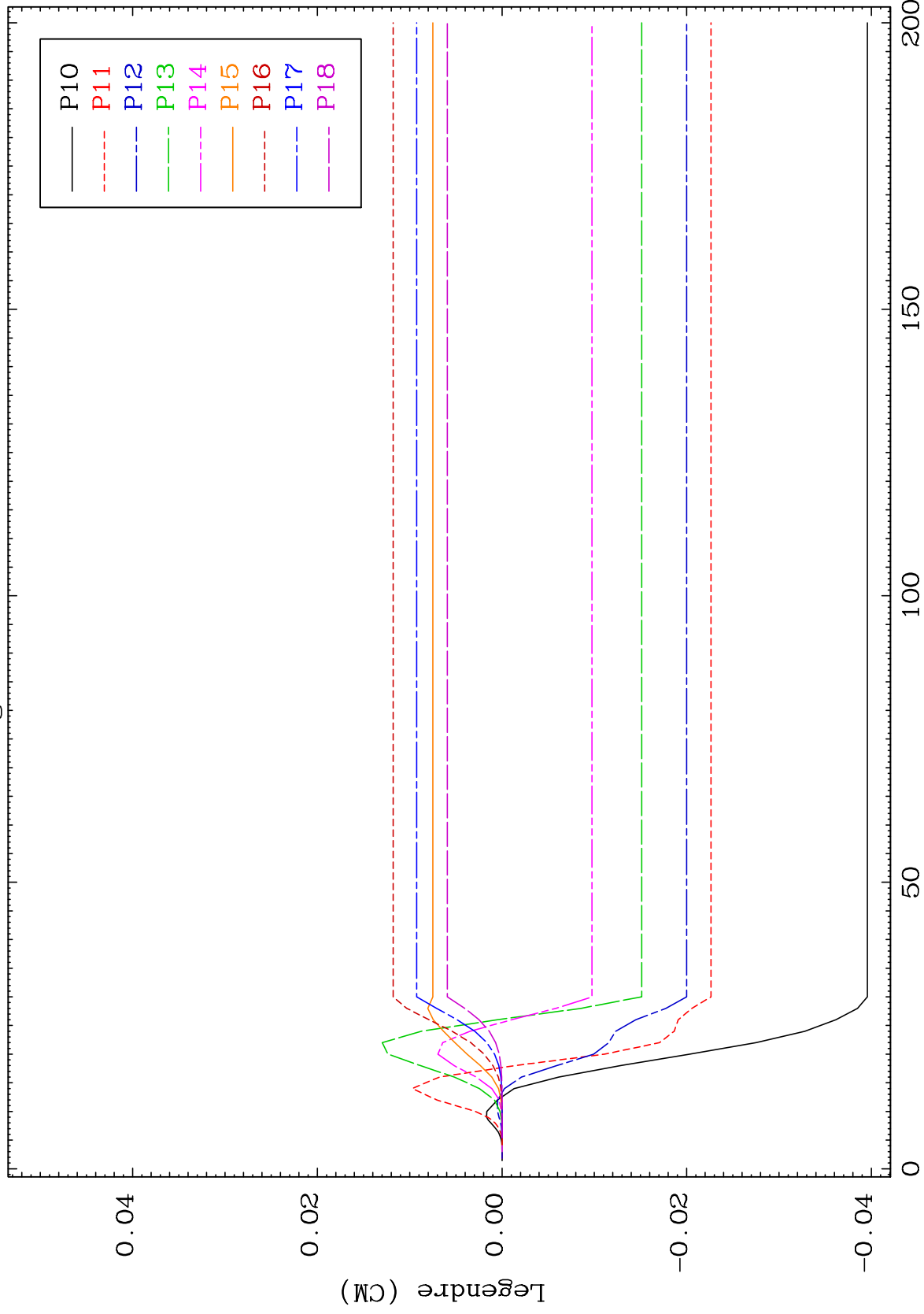
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



19

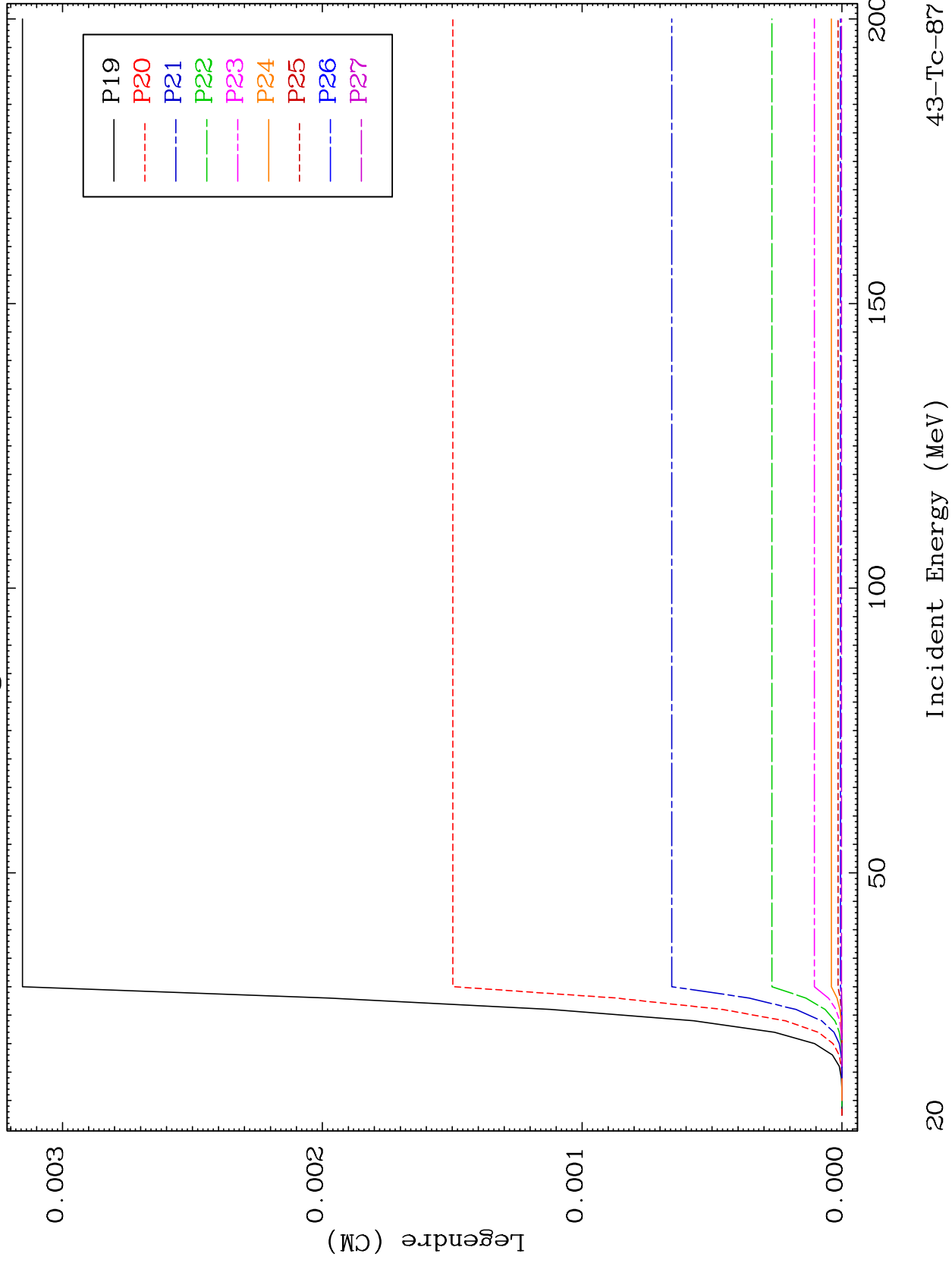
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



20

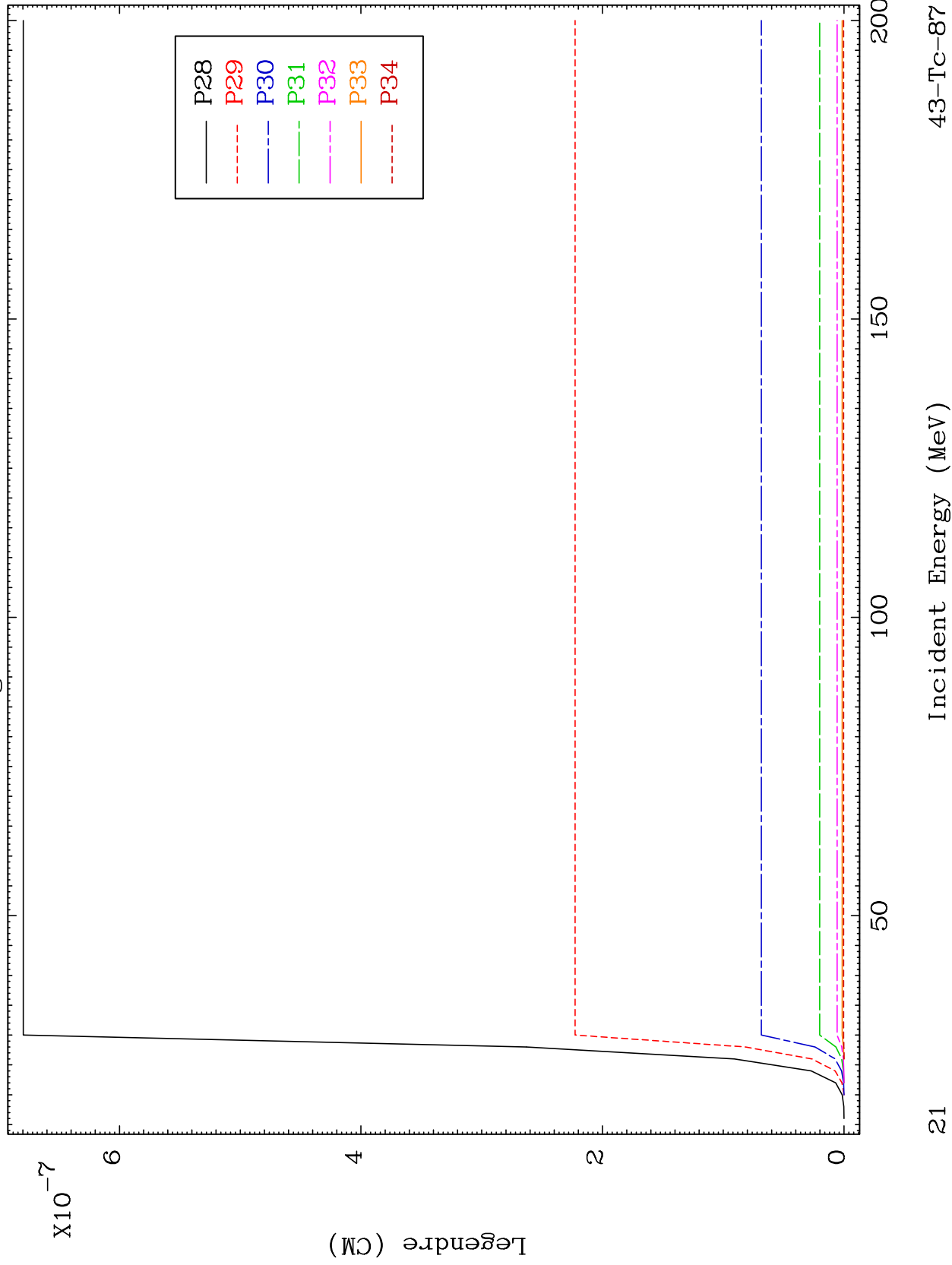
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



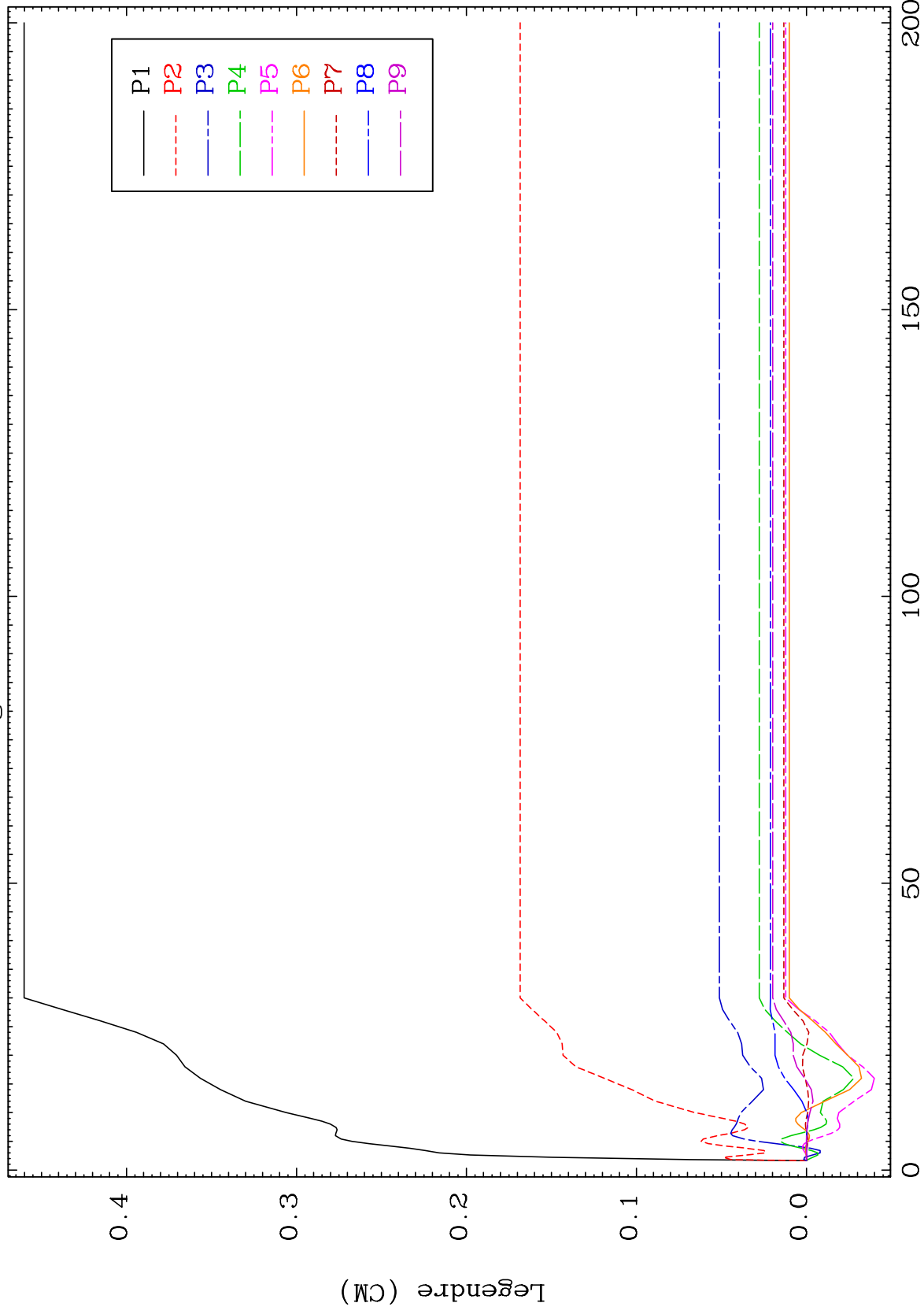
21

43-Tc-87

MAT 4289

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

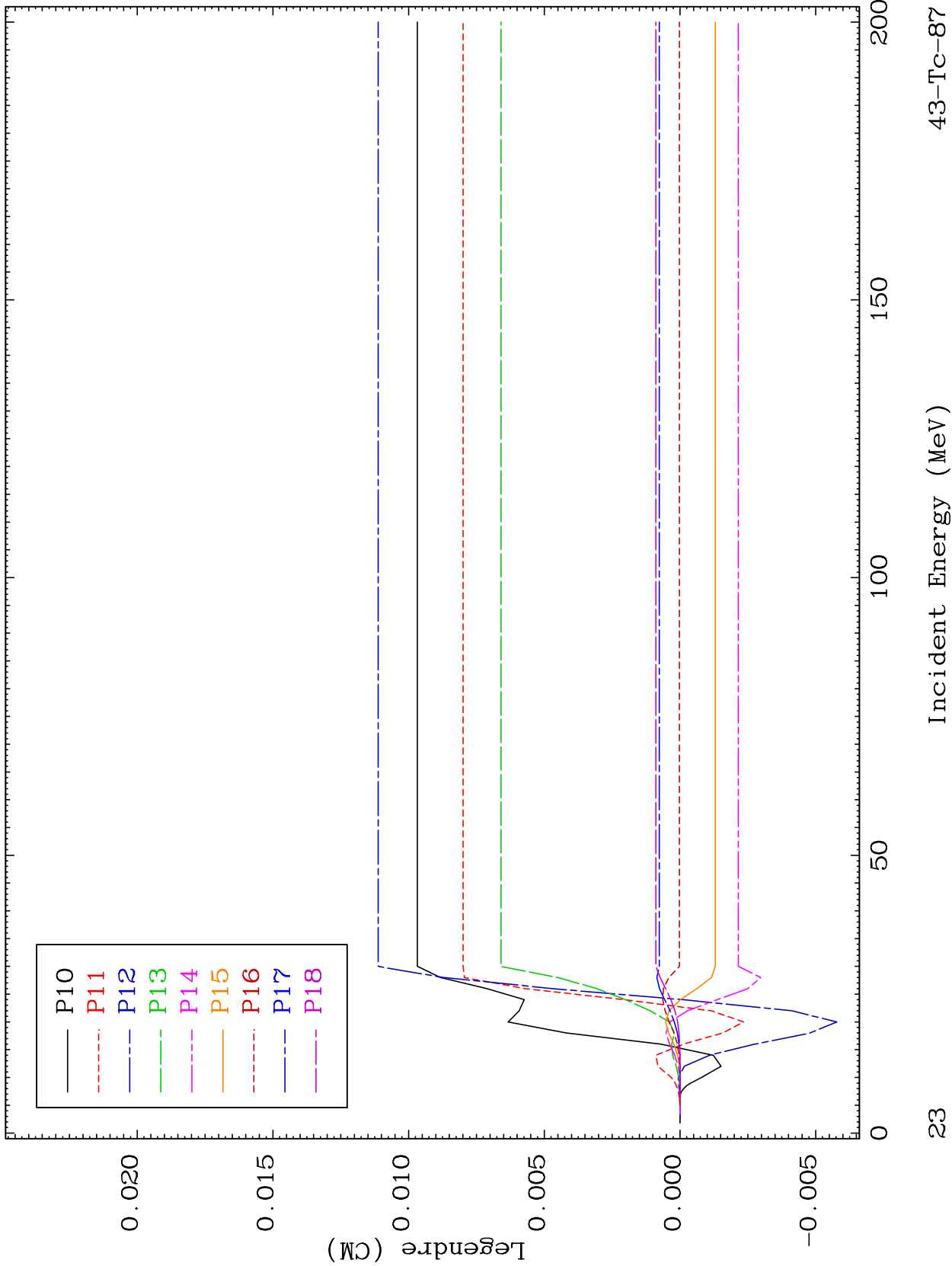
43-Tc-87



22

Incident Energy (MeV)

43-Tc-87

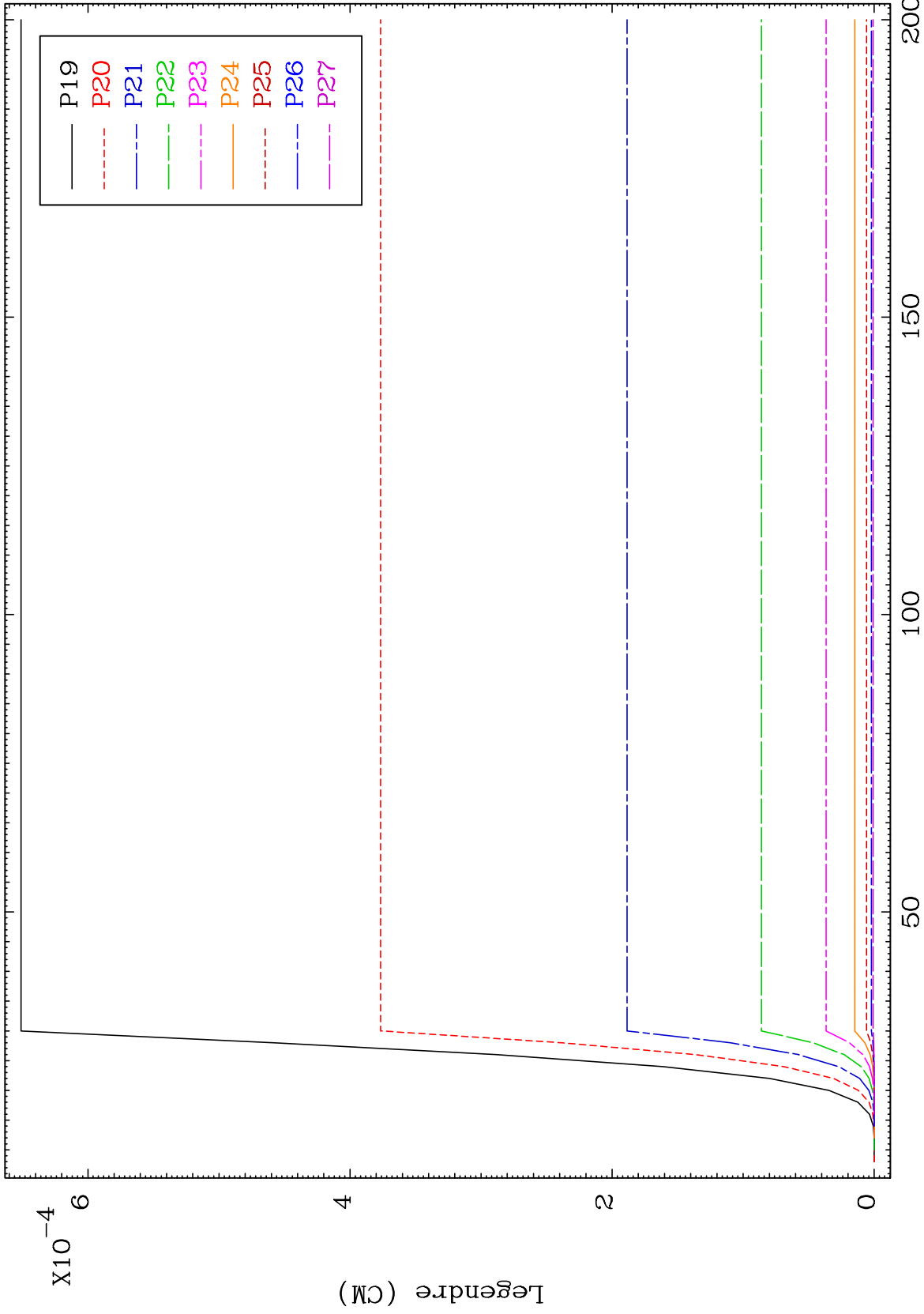




MAT 4289

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

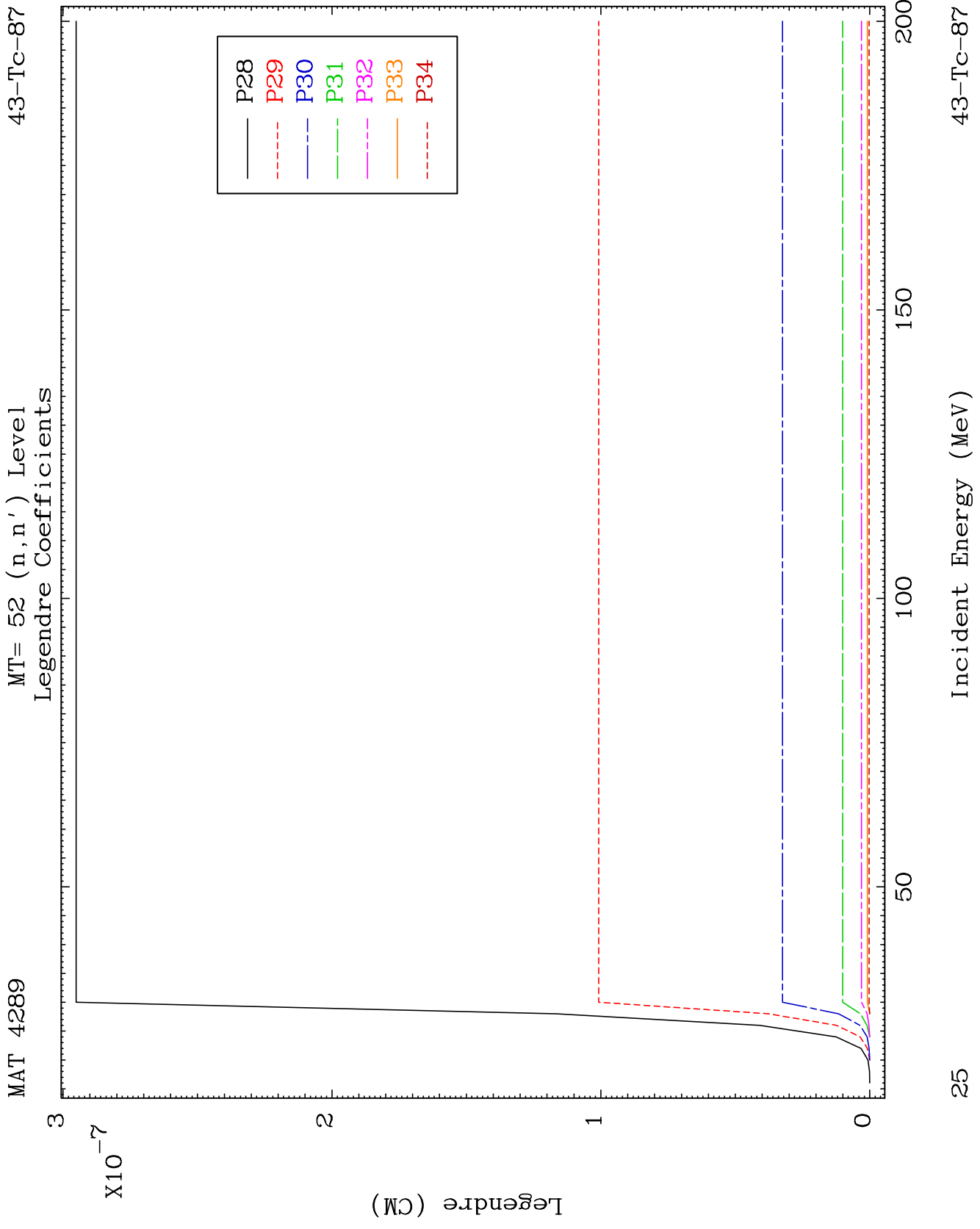
43-Tc-87



24

Incident Energy (MeV)

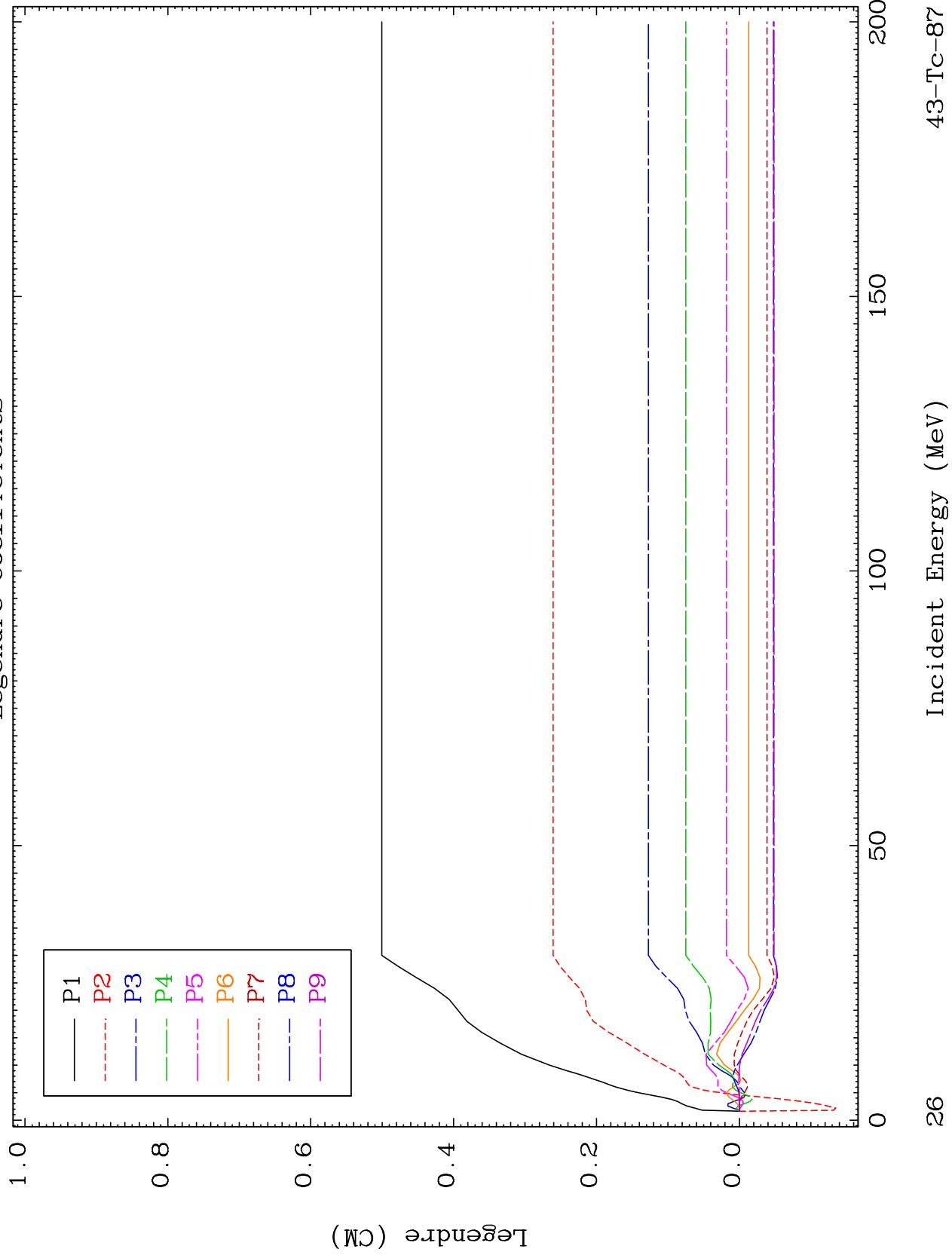
43-Tc-87



MAT 4289

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

43-Tc-87



43-Tc-87

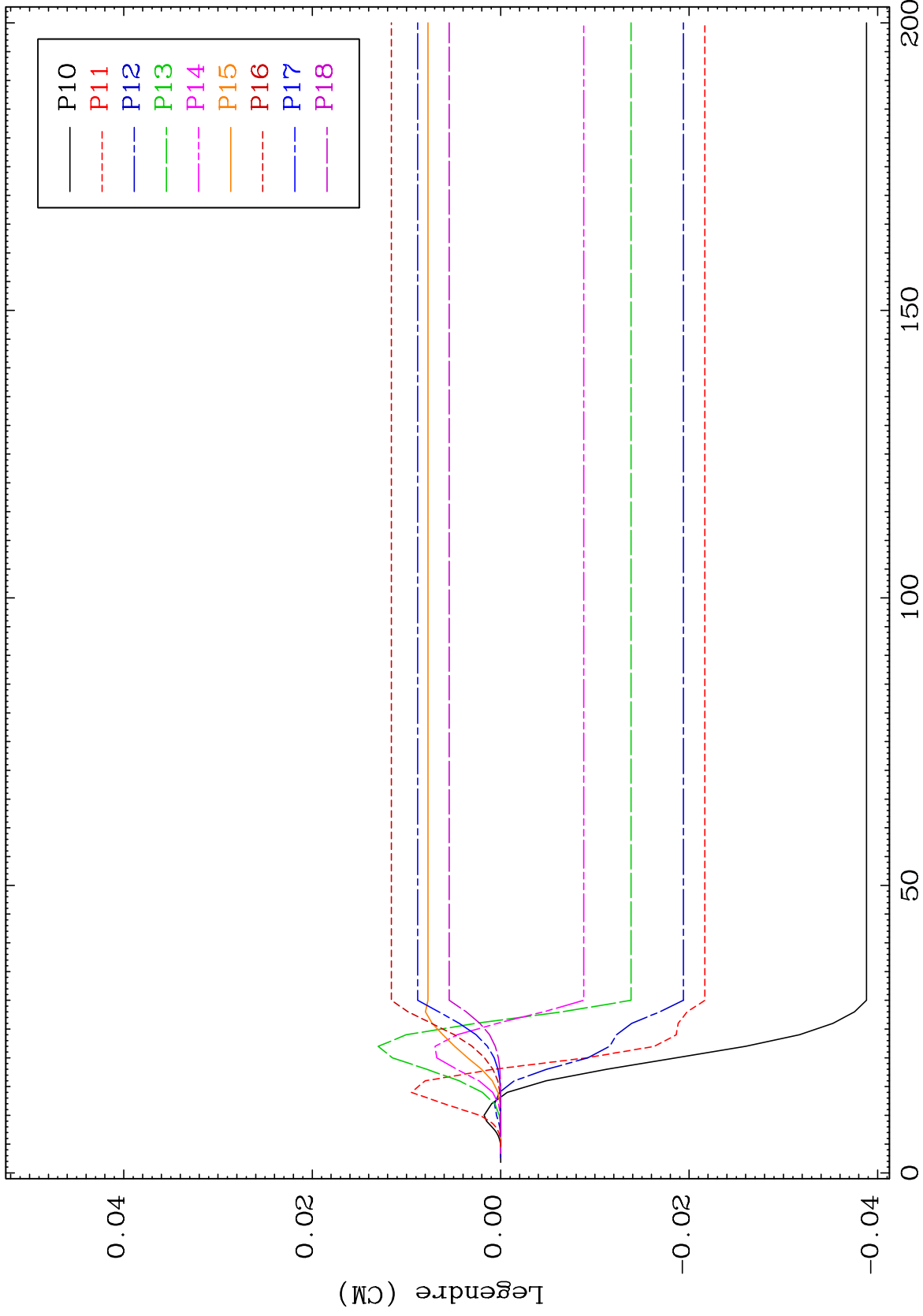
Incident Energy (MeV)

26

MAT 4289

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

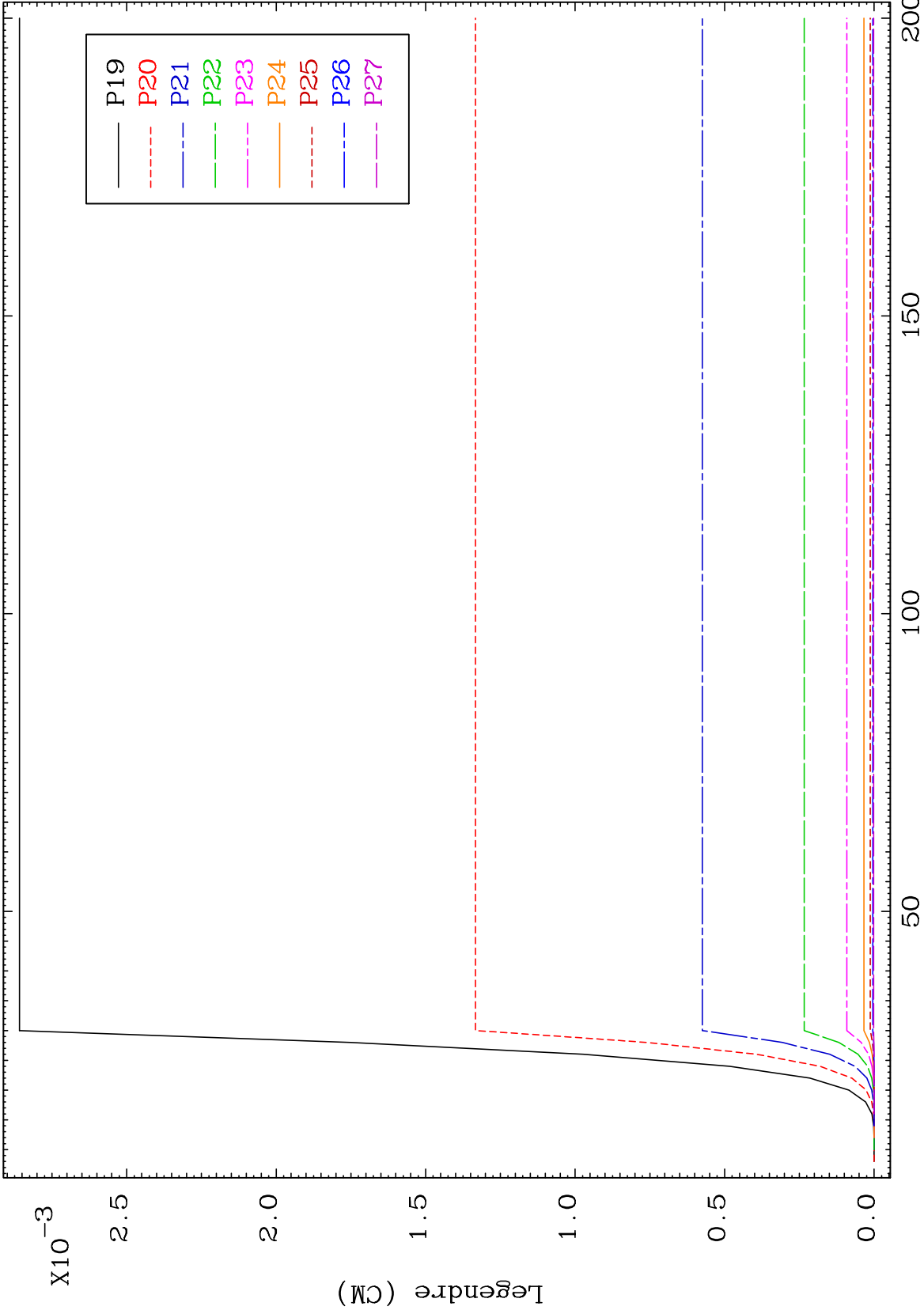
43-Tc-87



27

Incident Energy (MeV)

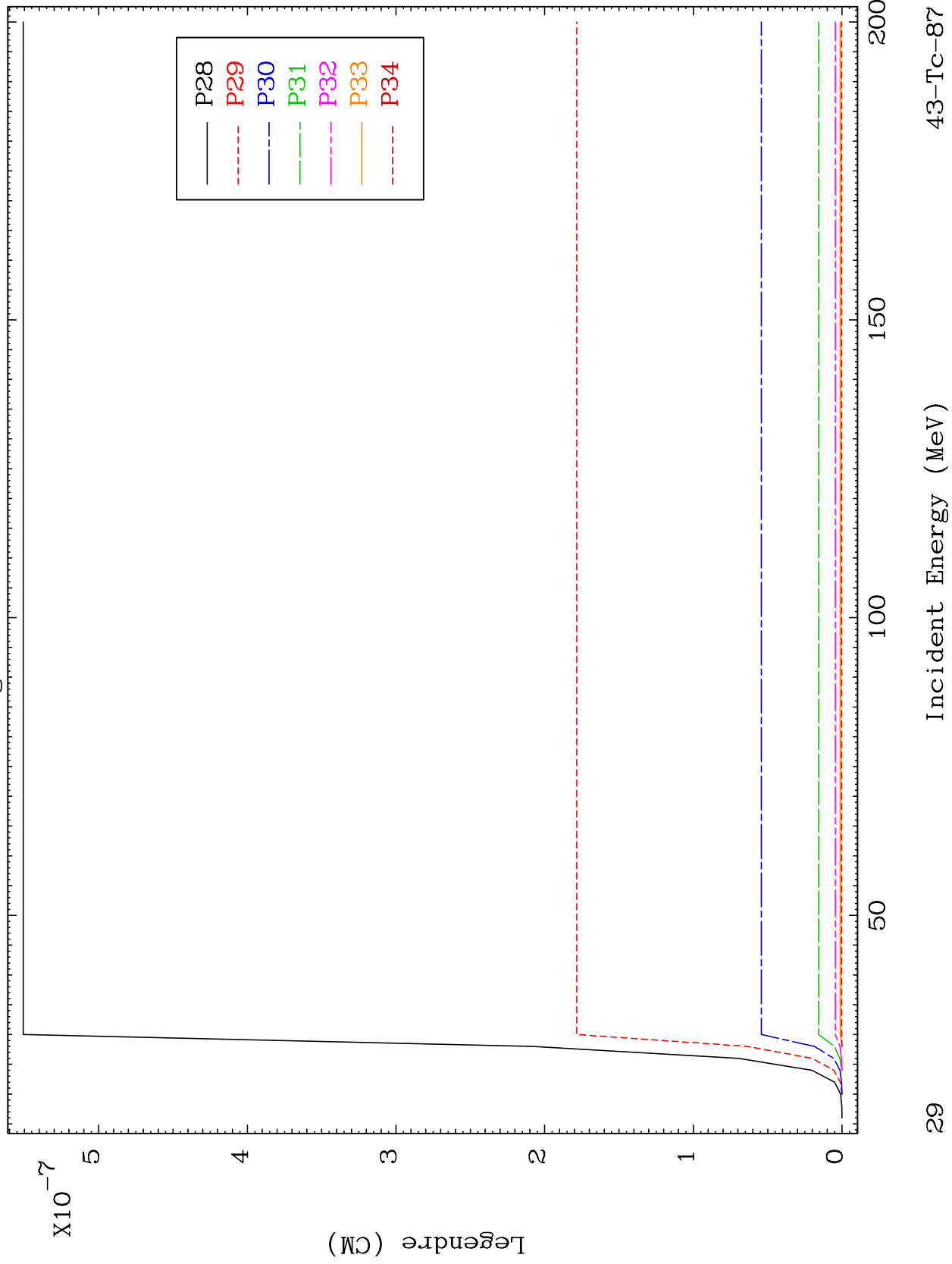
43-Tc-87



MAT 4289

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

43-Tc-87



29

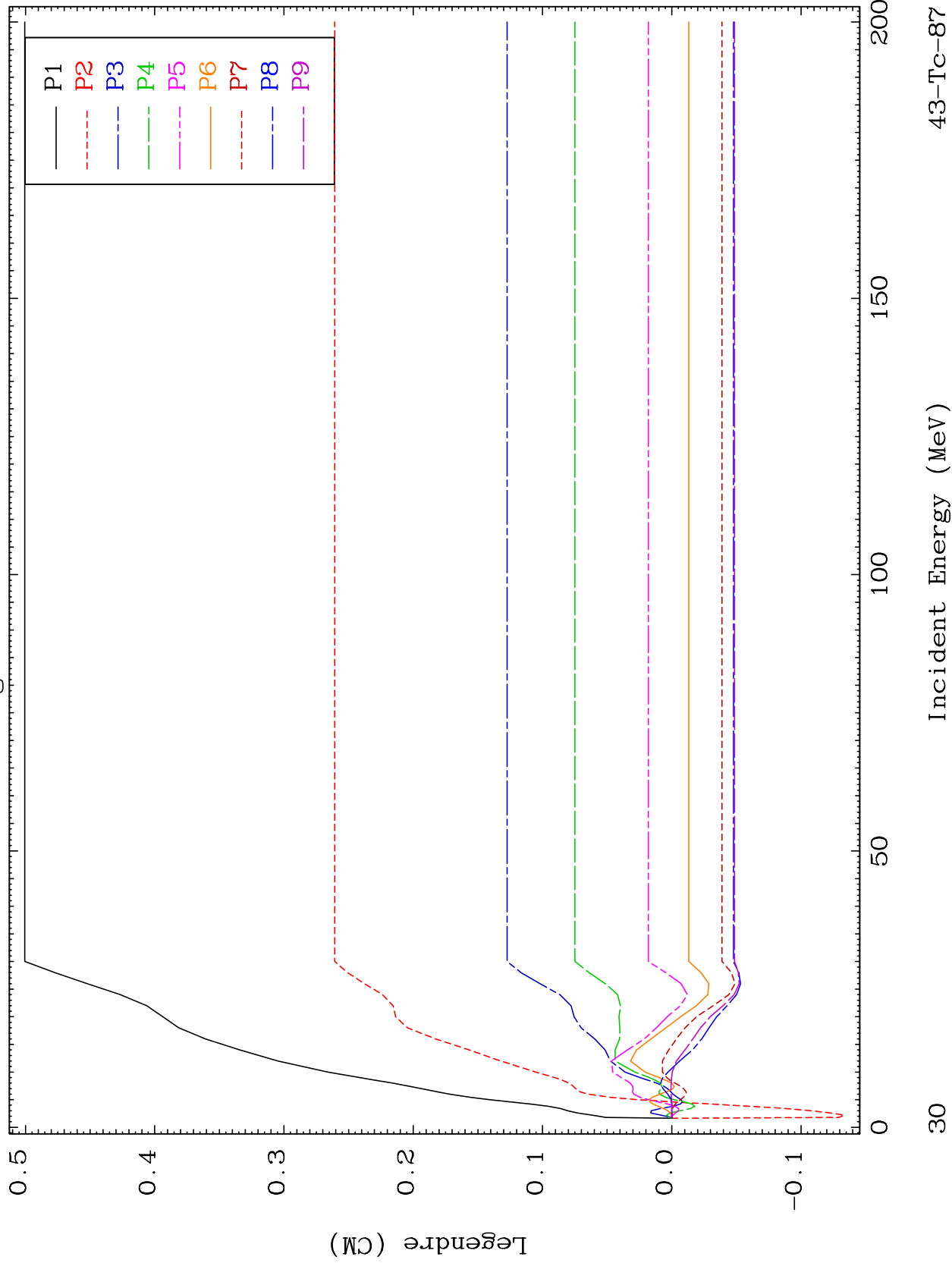
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



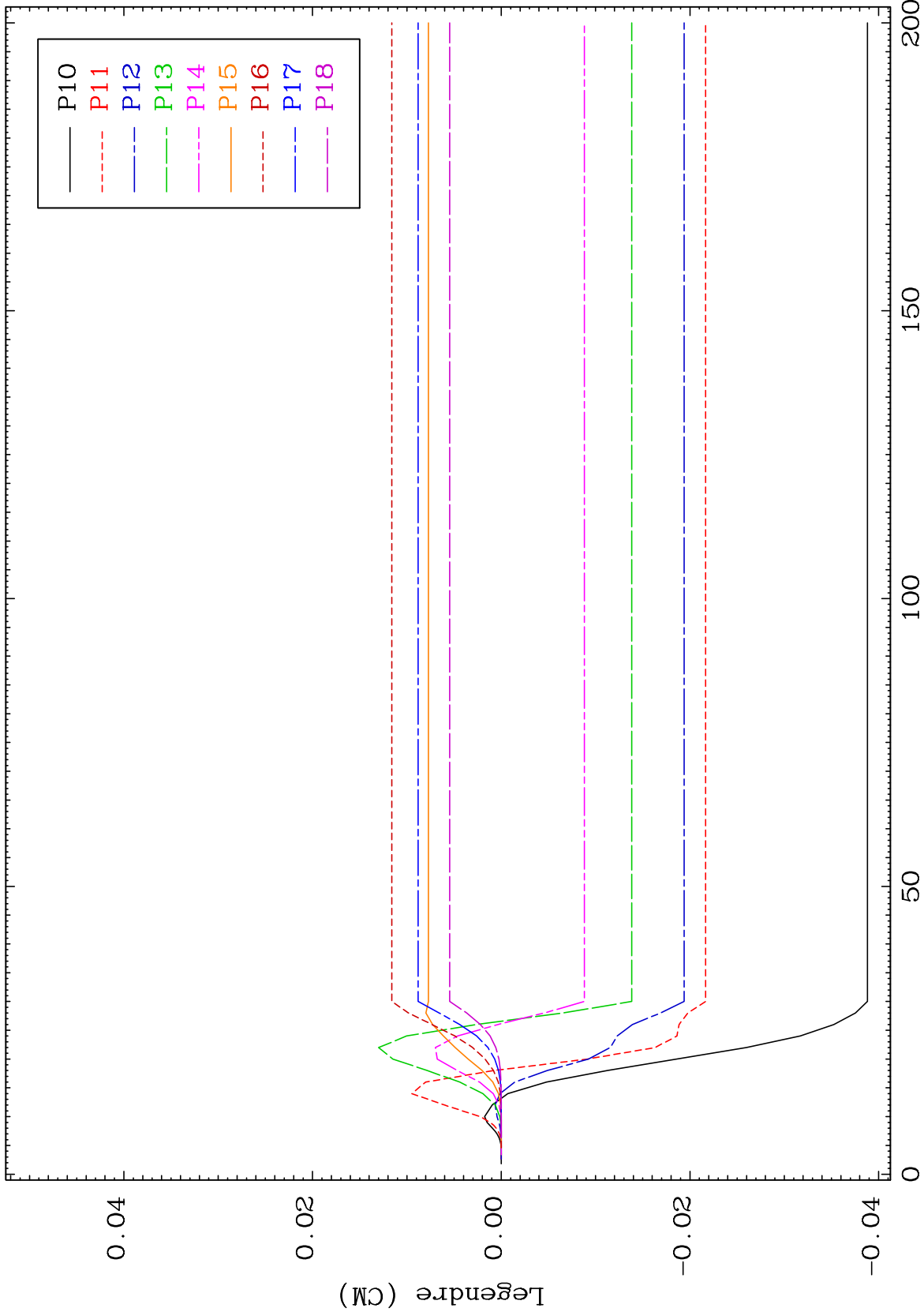
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Incident Energy (MeV)

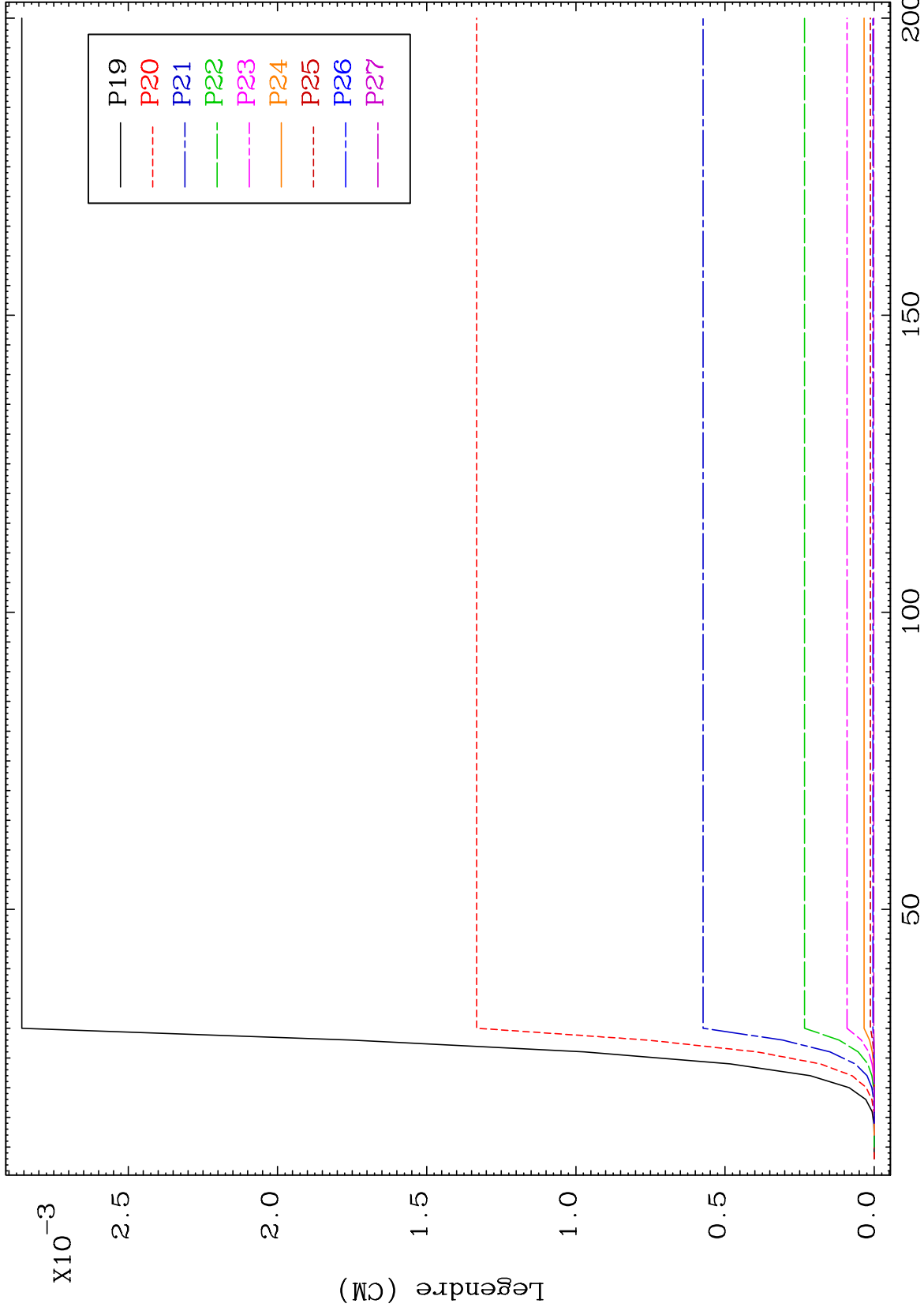
MAT 4289

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

43-Tc-87



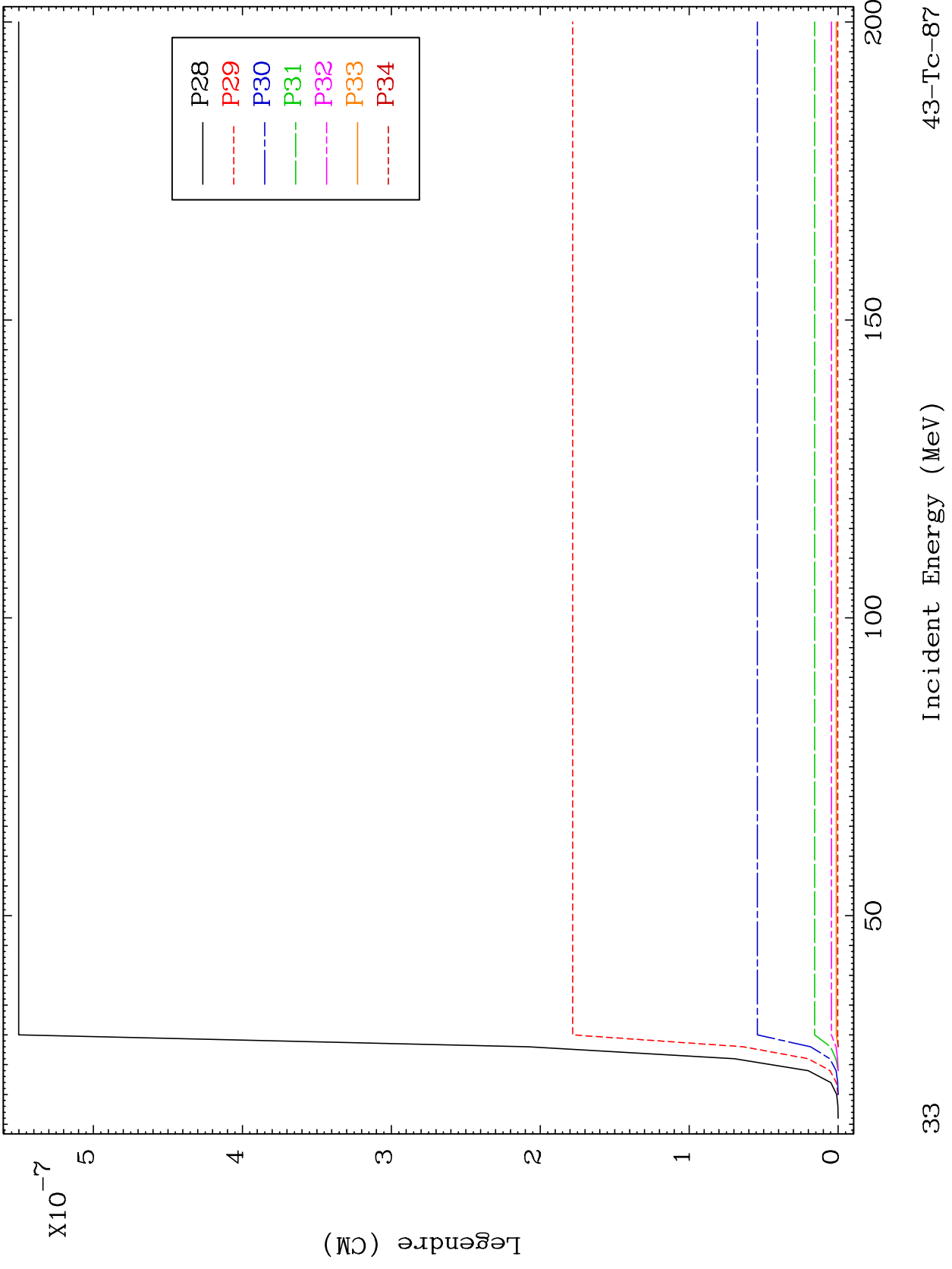




MAT 4289

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

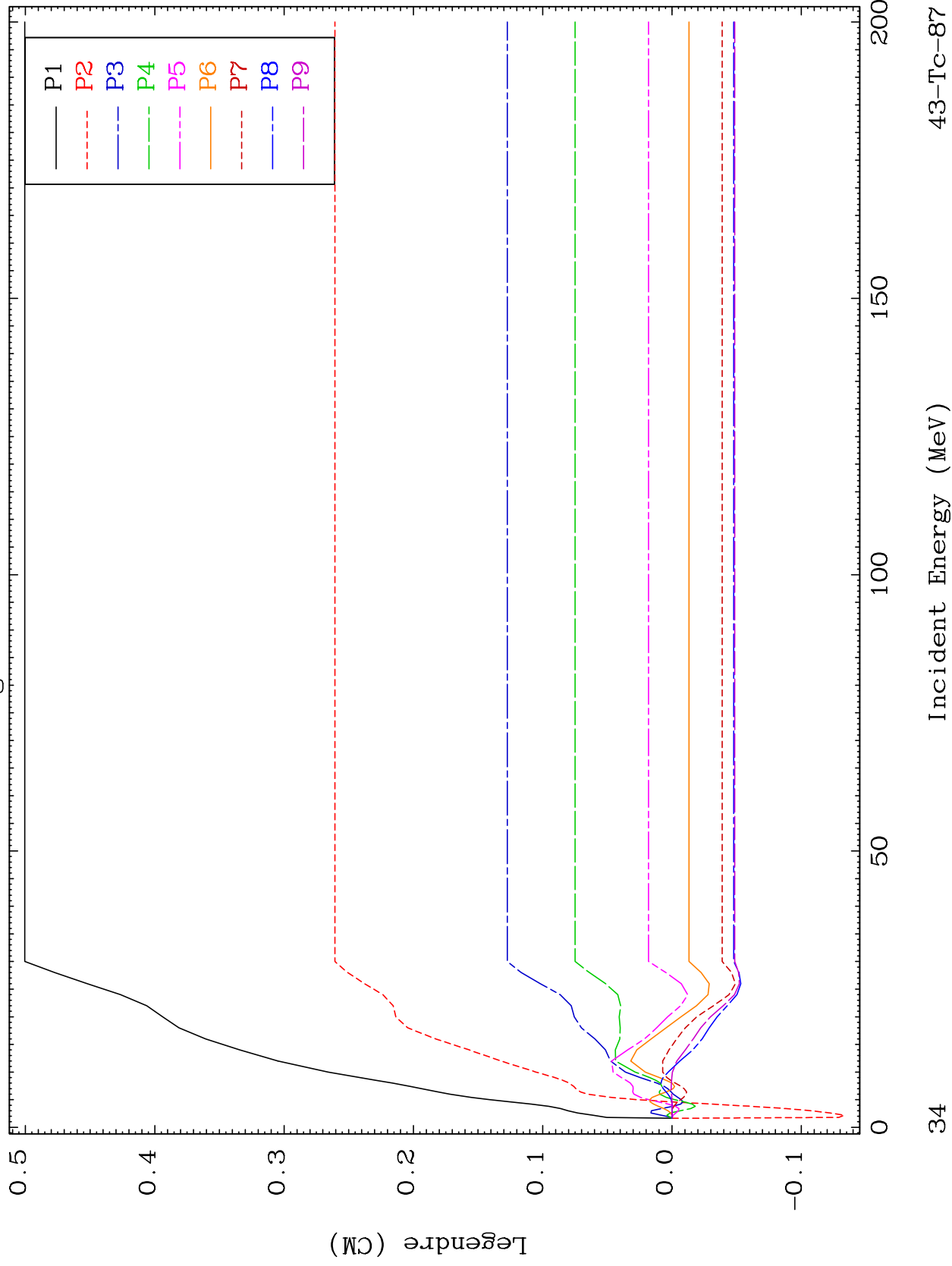
43-Tc-87



MAT 4289

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

43-Tc-87



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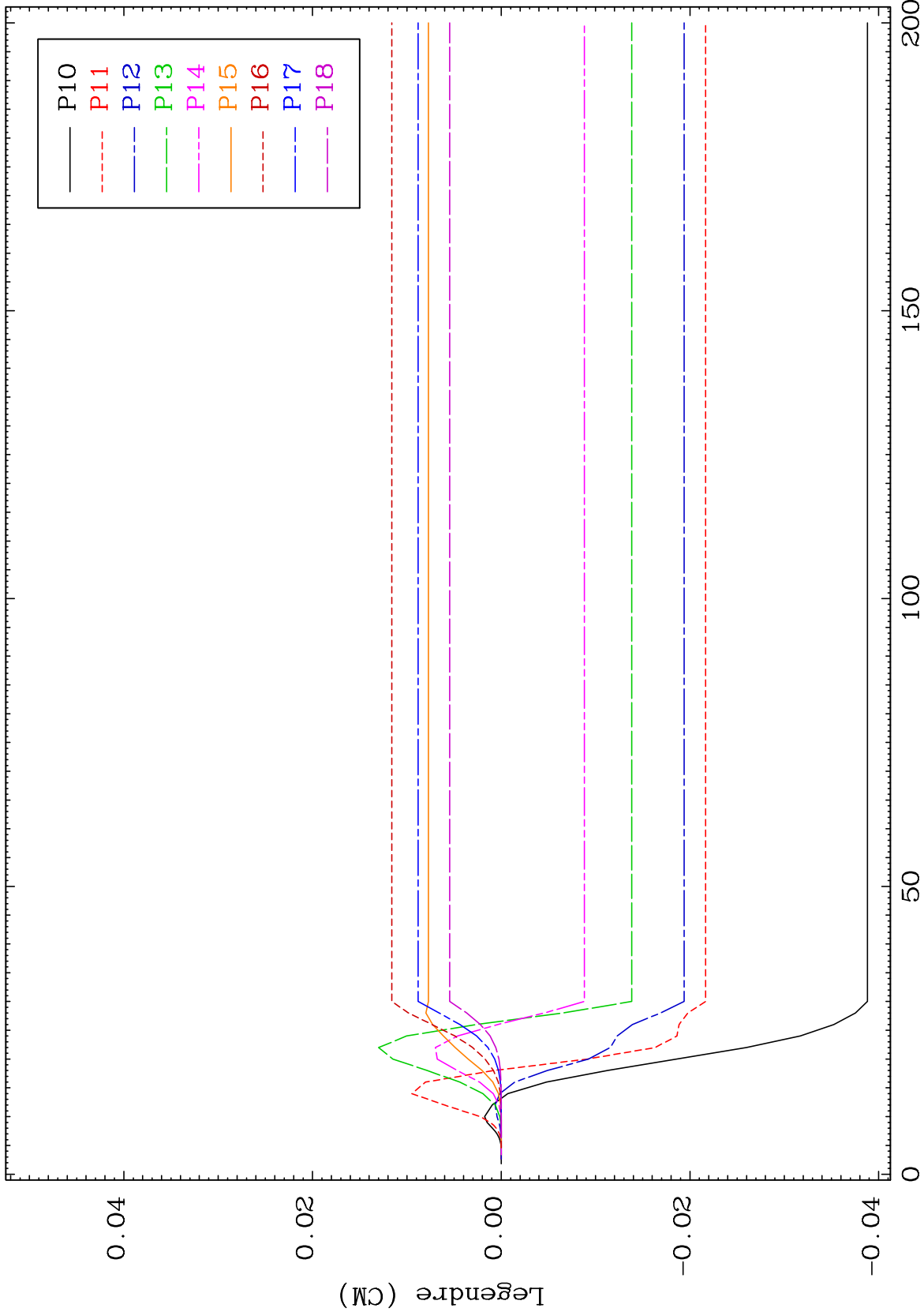
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

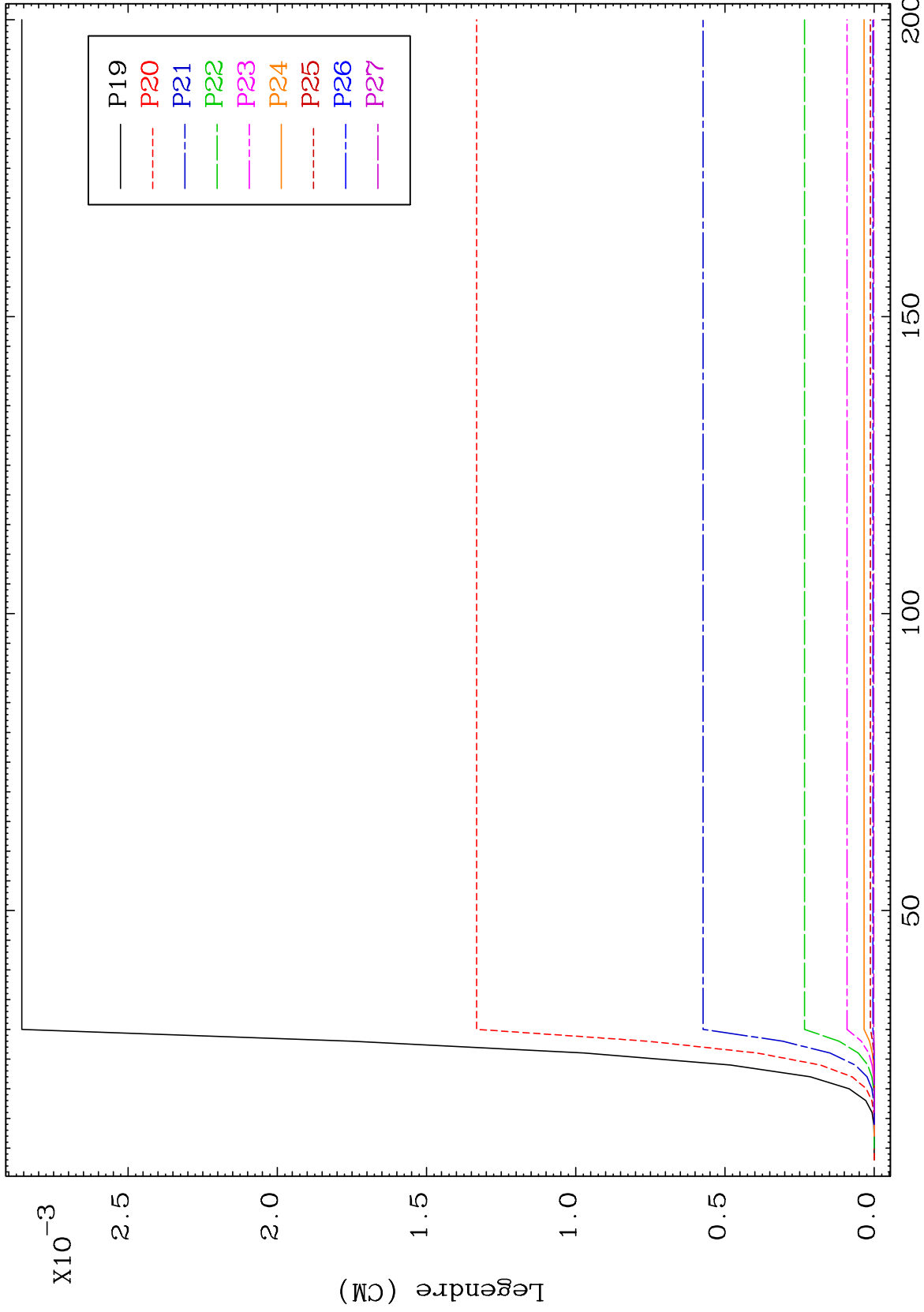
43-Tc-87



35

Incident Energy (MeV)

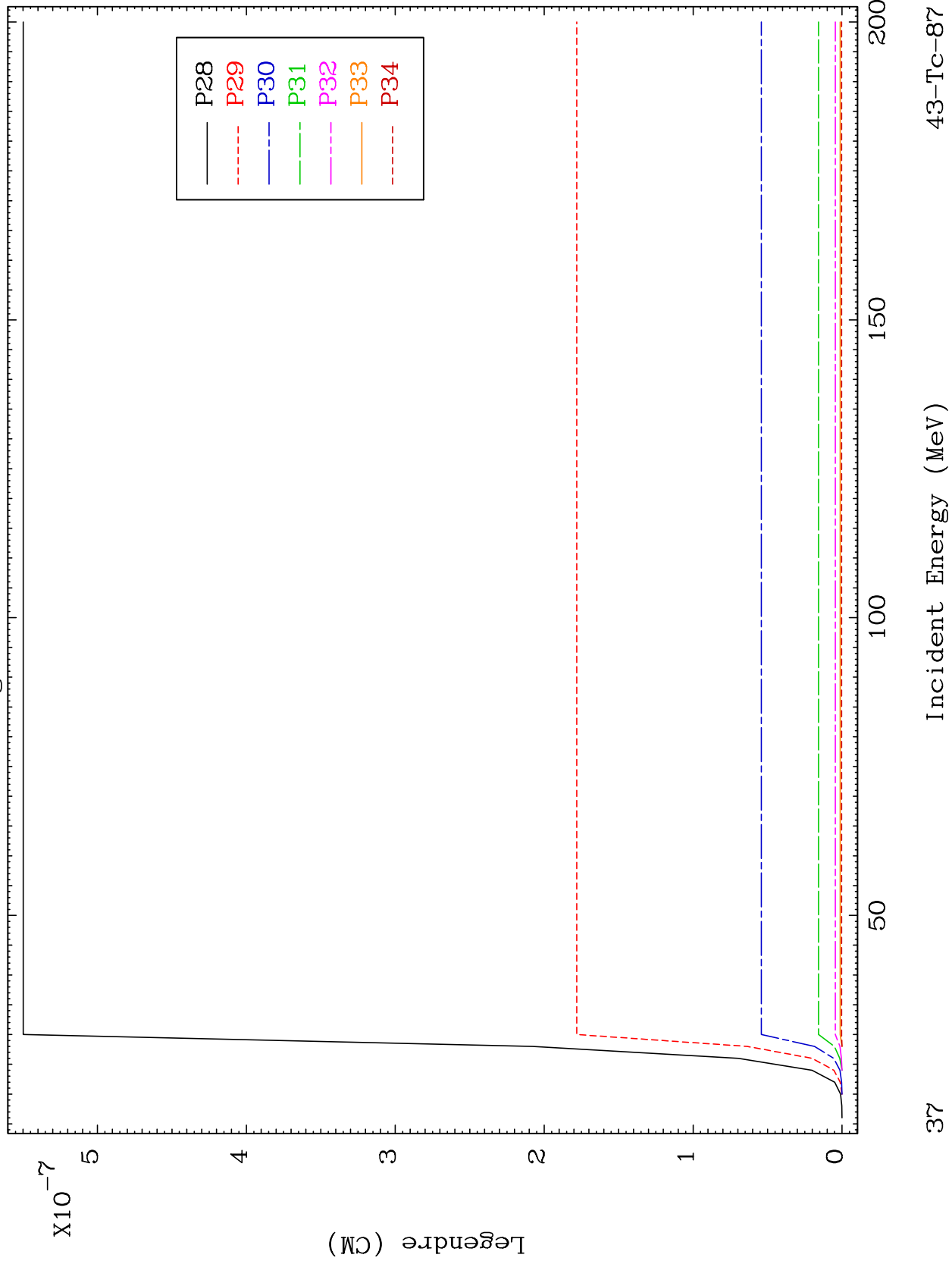
43-Tc-87



MAT 4289

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

43-Tc-87



37

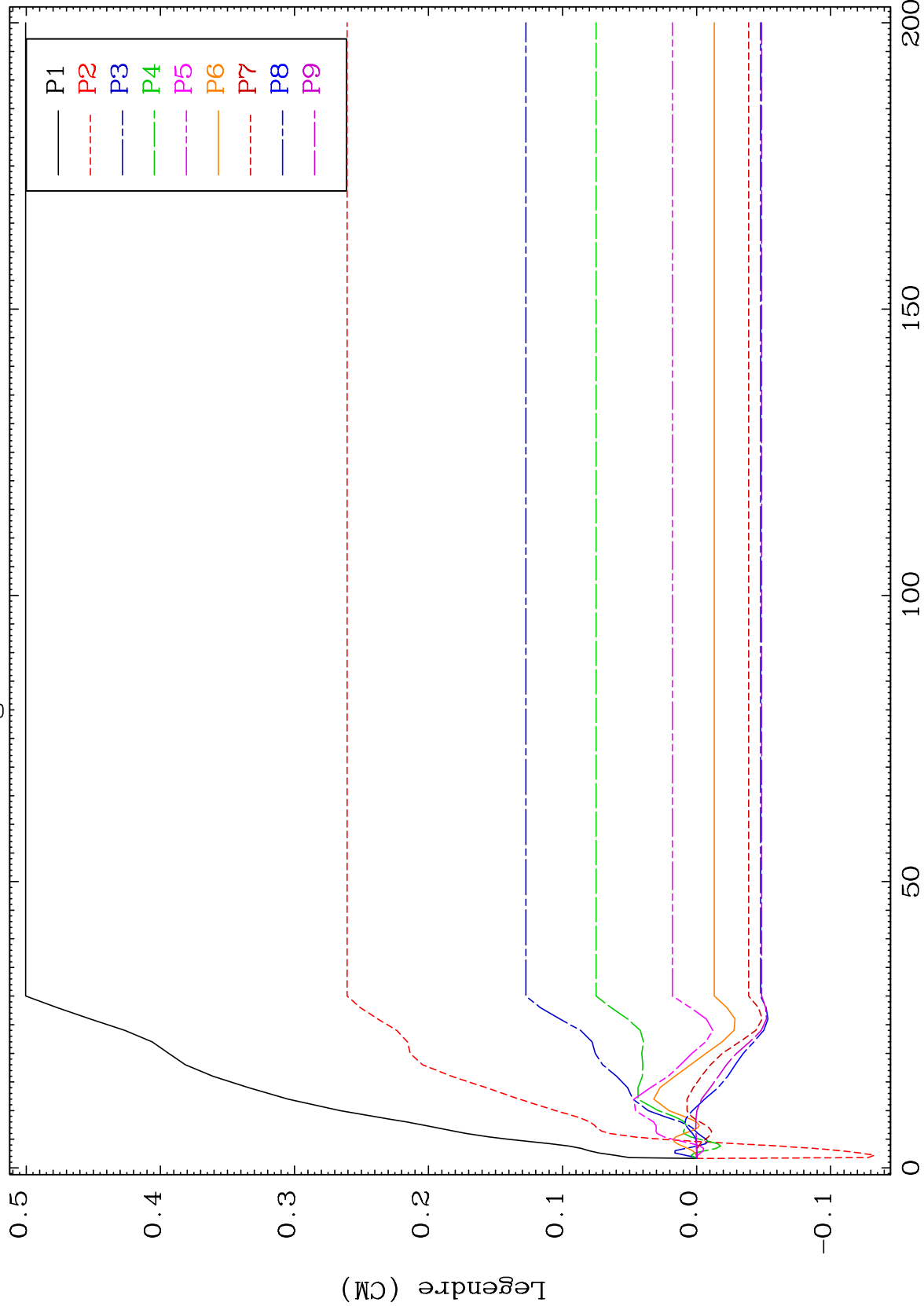
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



38

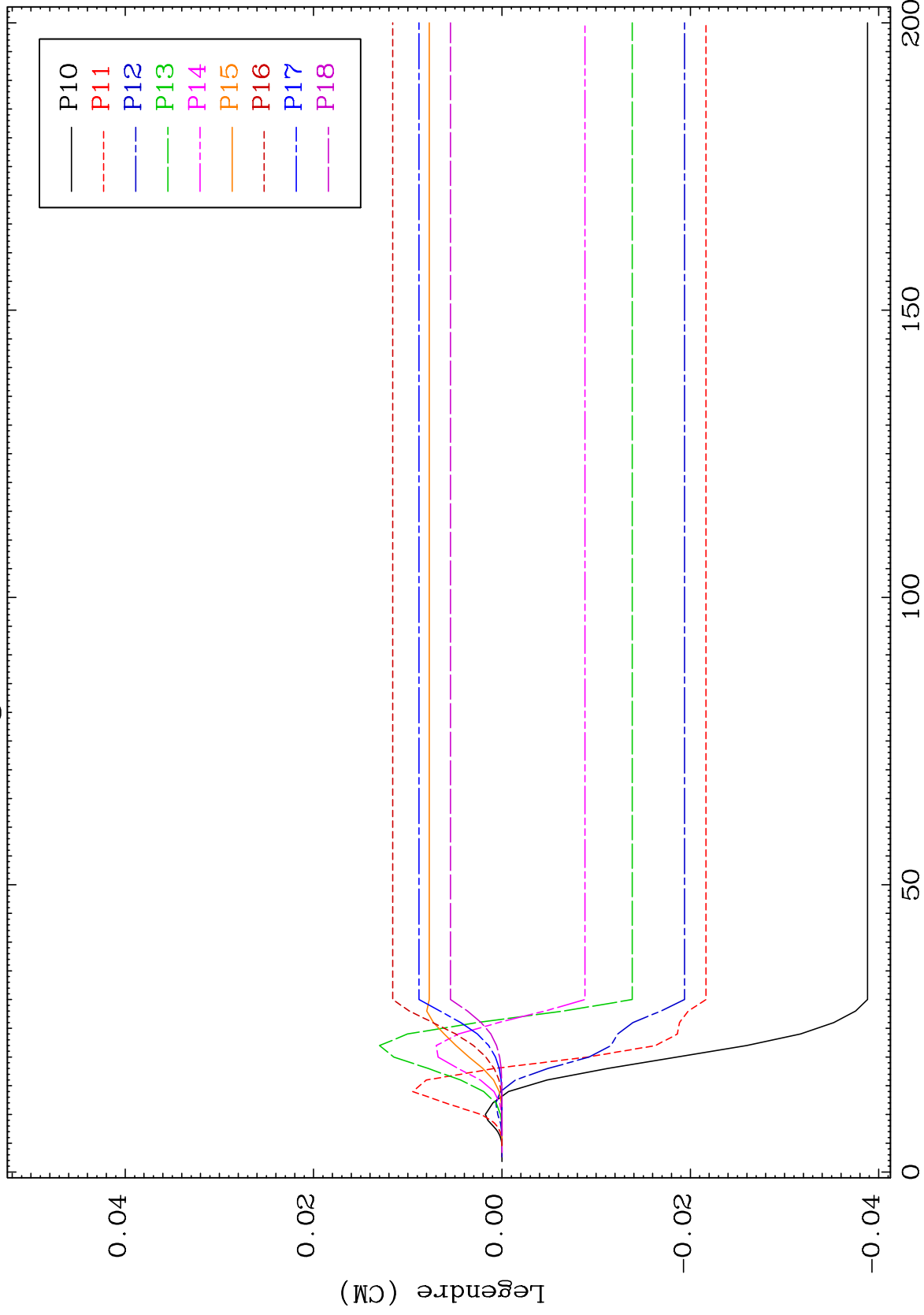
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87



39

Incident Energy (MeV)

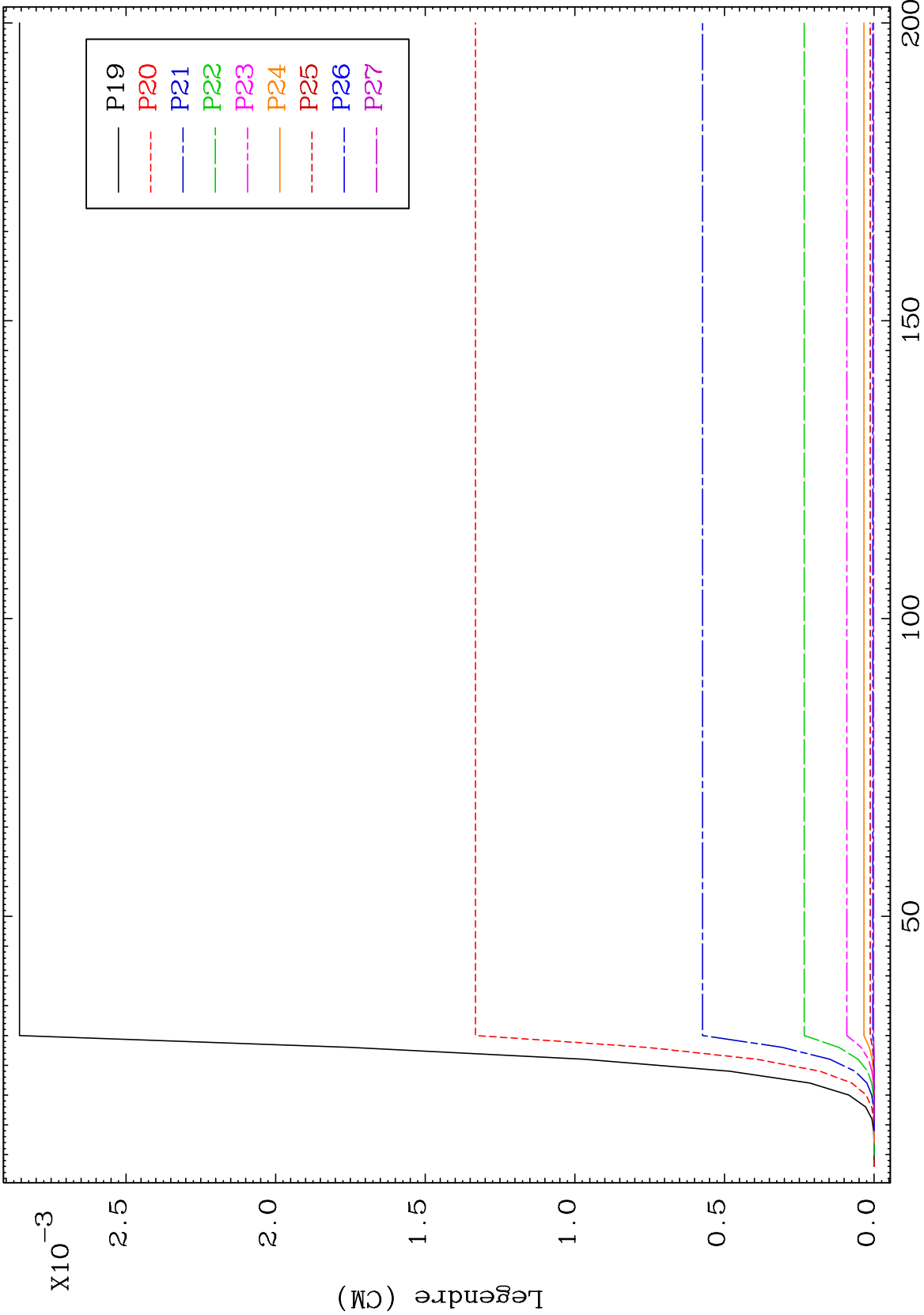
43-Tc-87



MAT 4289

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

43-Tc-87



40

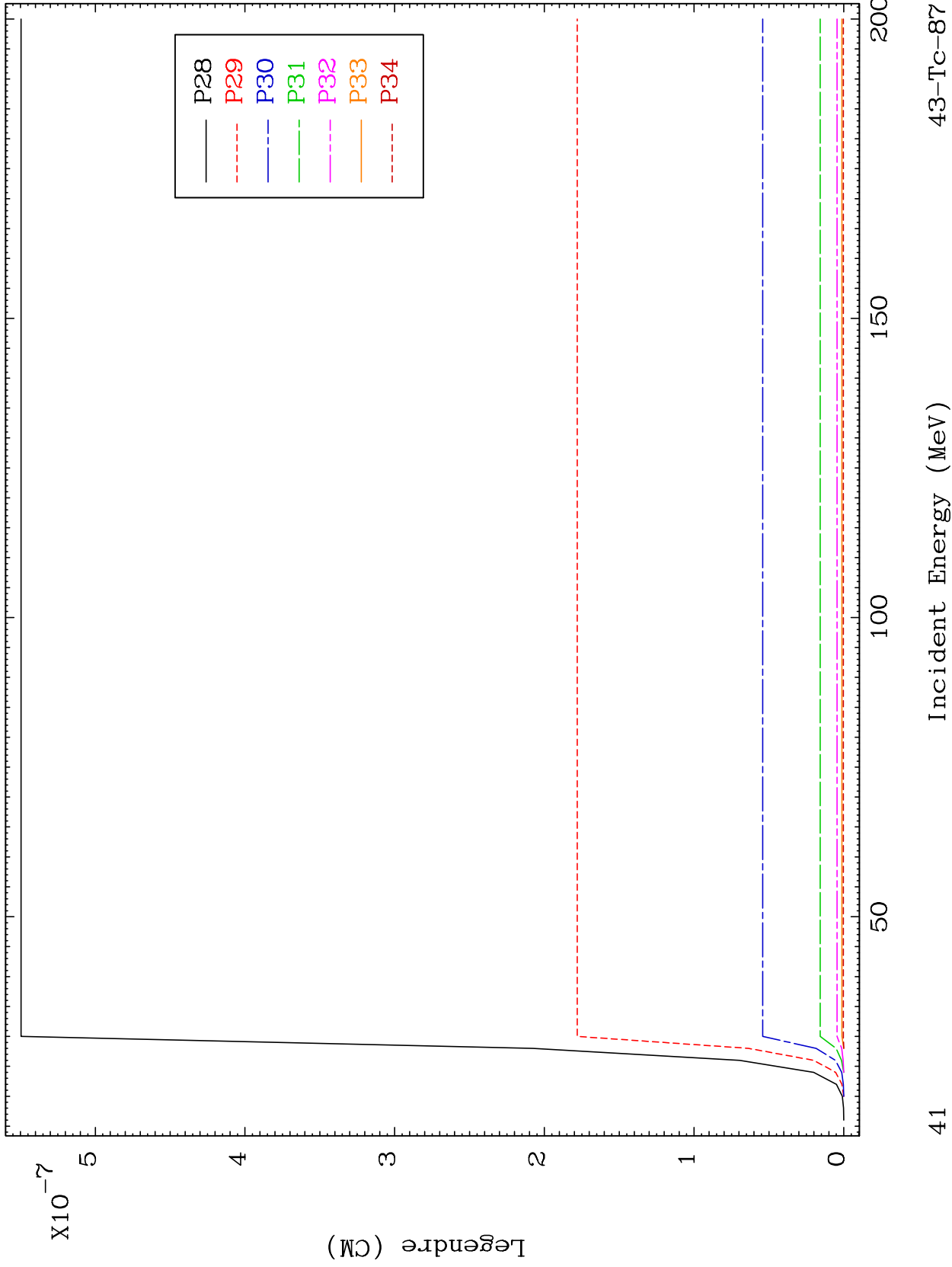
Incident Energy (MeV)

43-Tc-87

MAT 4289

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

43-Tc-87

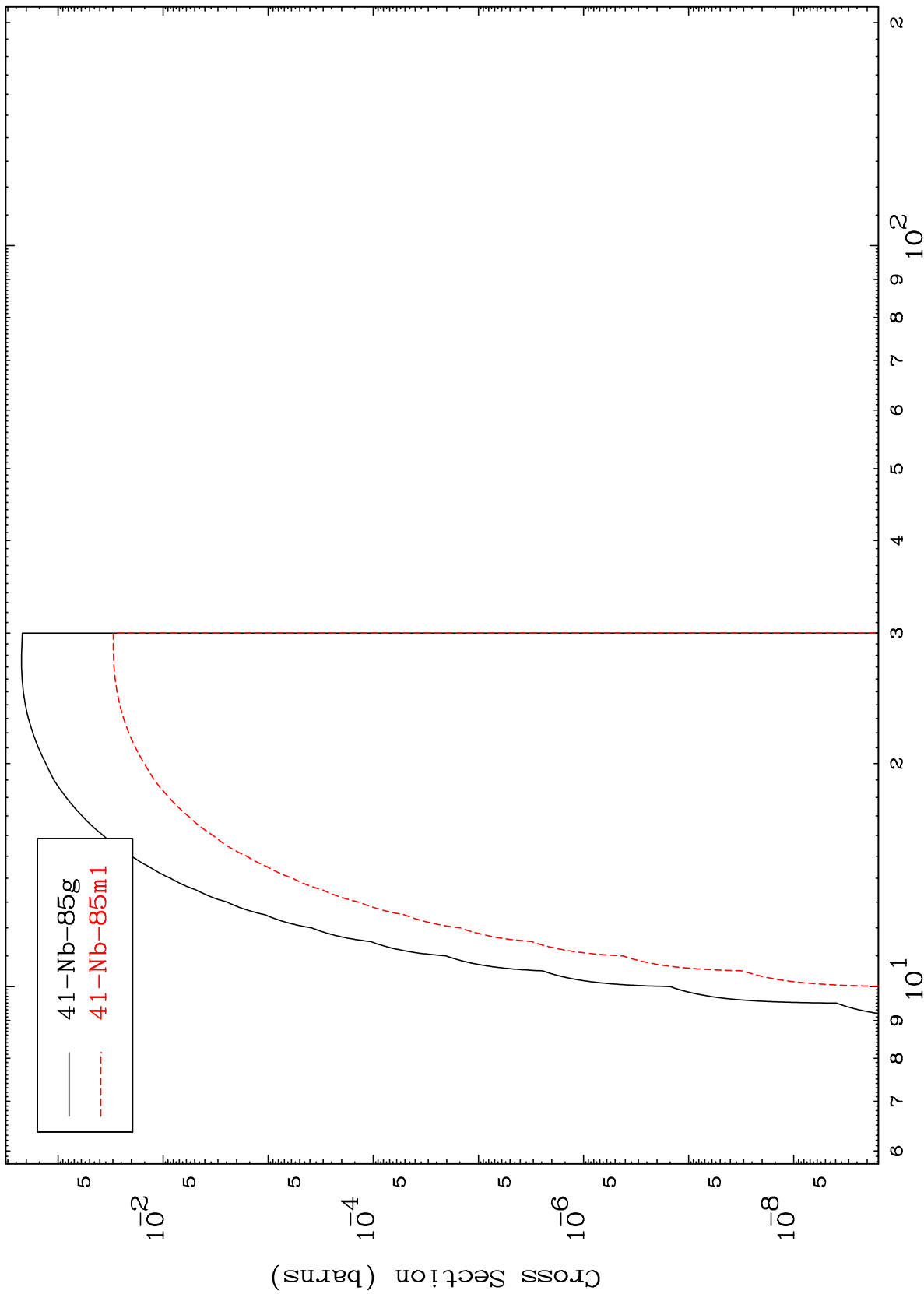


MAT 4289

(n,2n) p

43-Tc-87

Radionuclide Production Cross Section



41-Nb-85g  
41-Nb-85m1

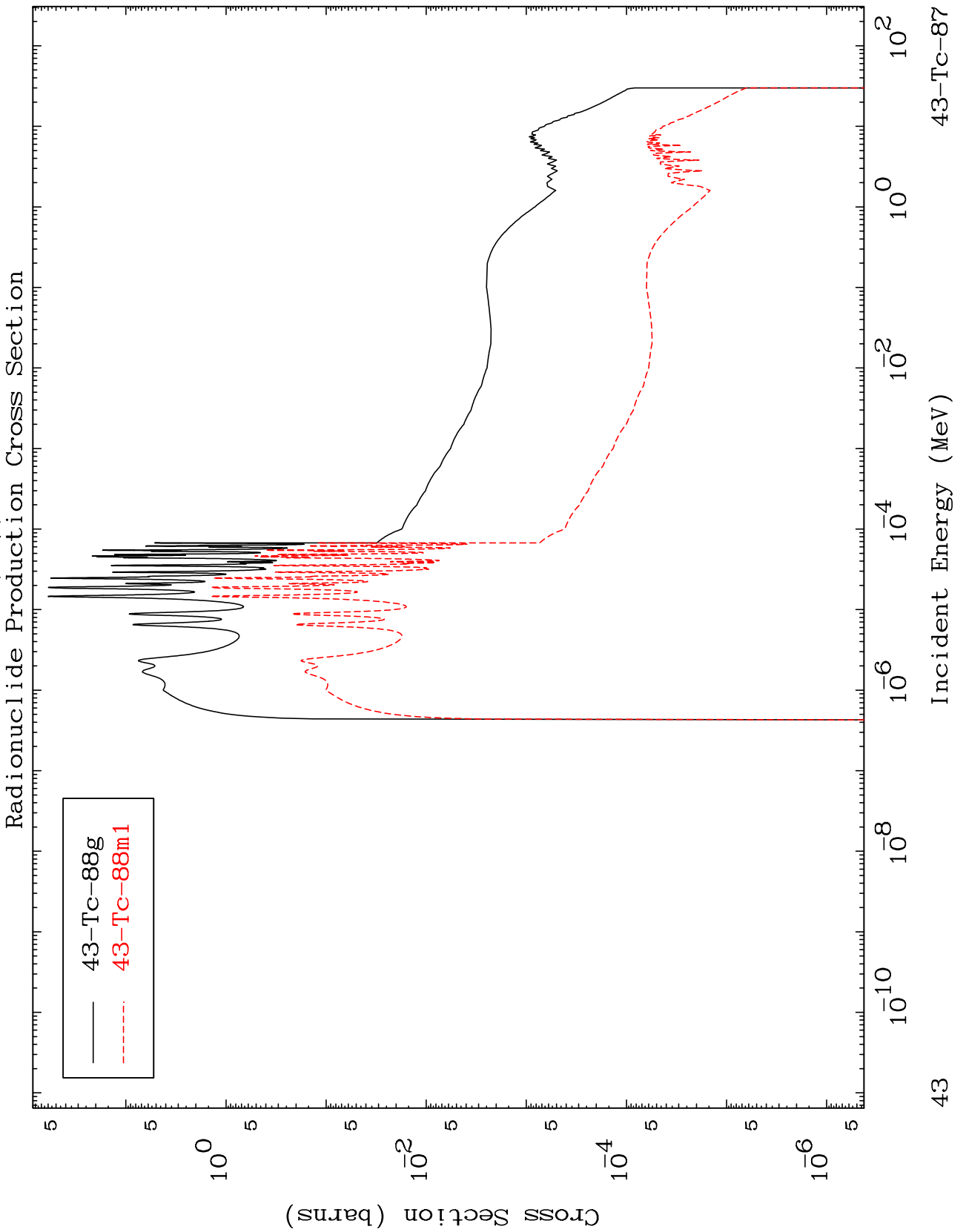
Incident Energy (MeV)

43-Tc-87

42

MAT 4289

43-Tc-87



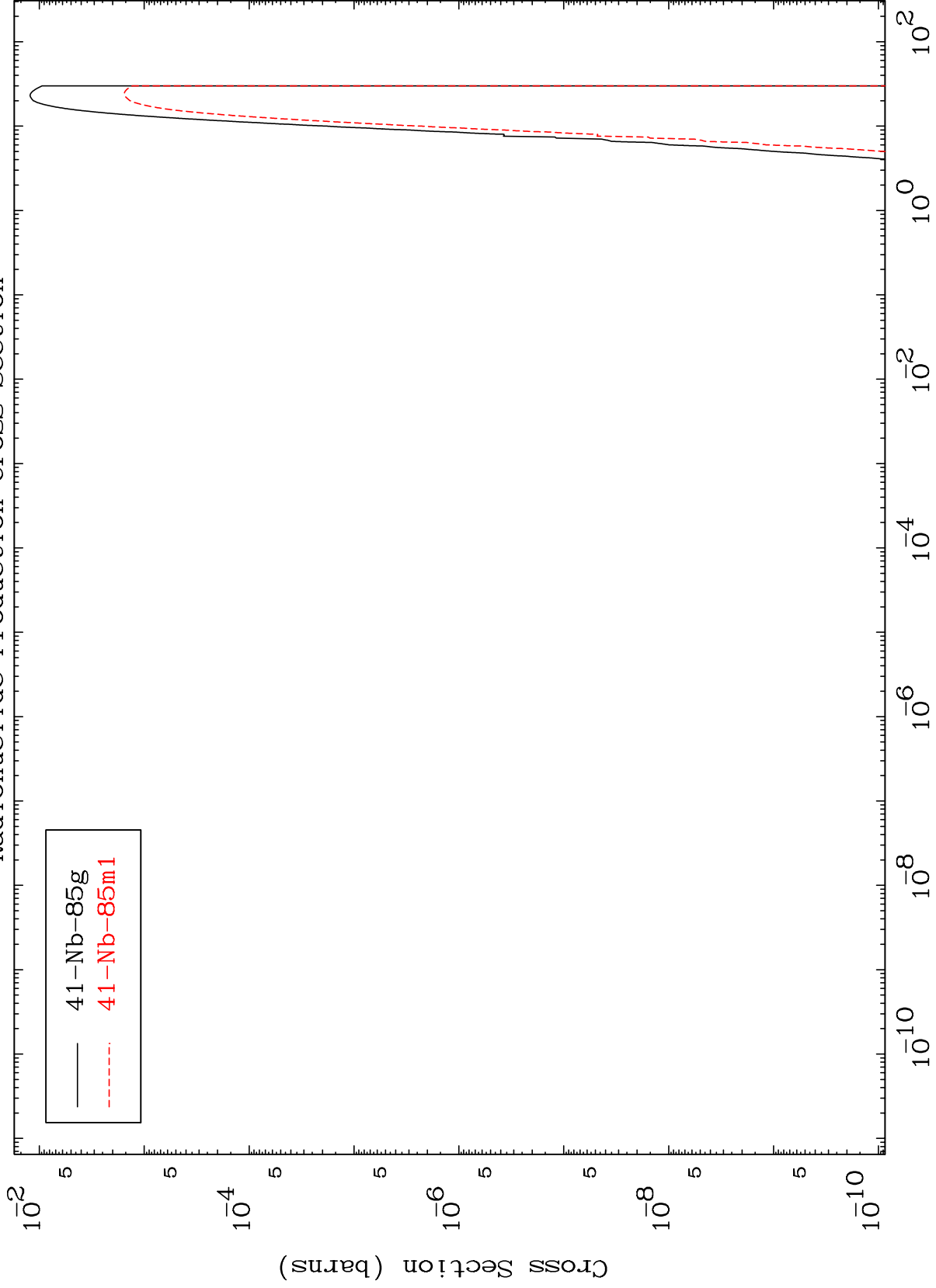
—	43-Tc-88g
- - -	43-Tc-88m1

MAT 4289

(n,He-3)

43-Tc-87

Radionuclide Production Cross Section



44

Incident Energy (MeV)

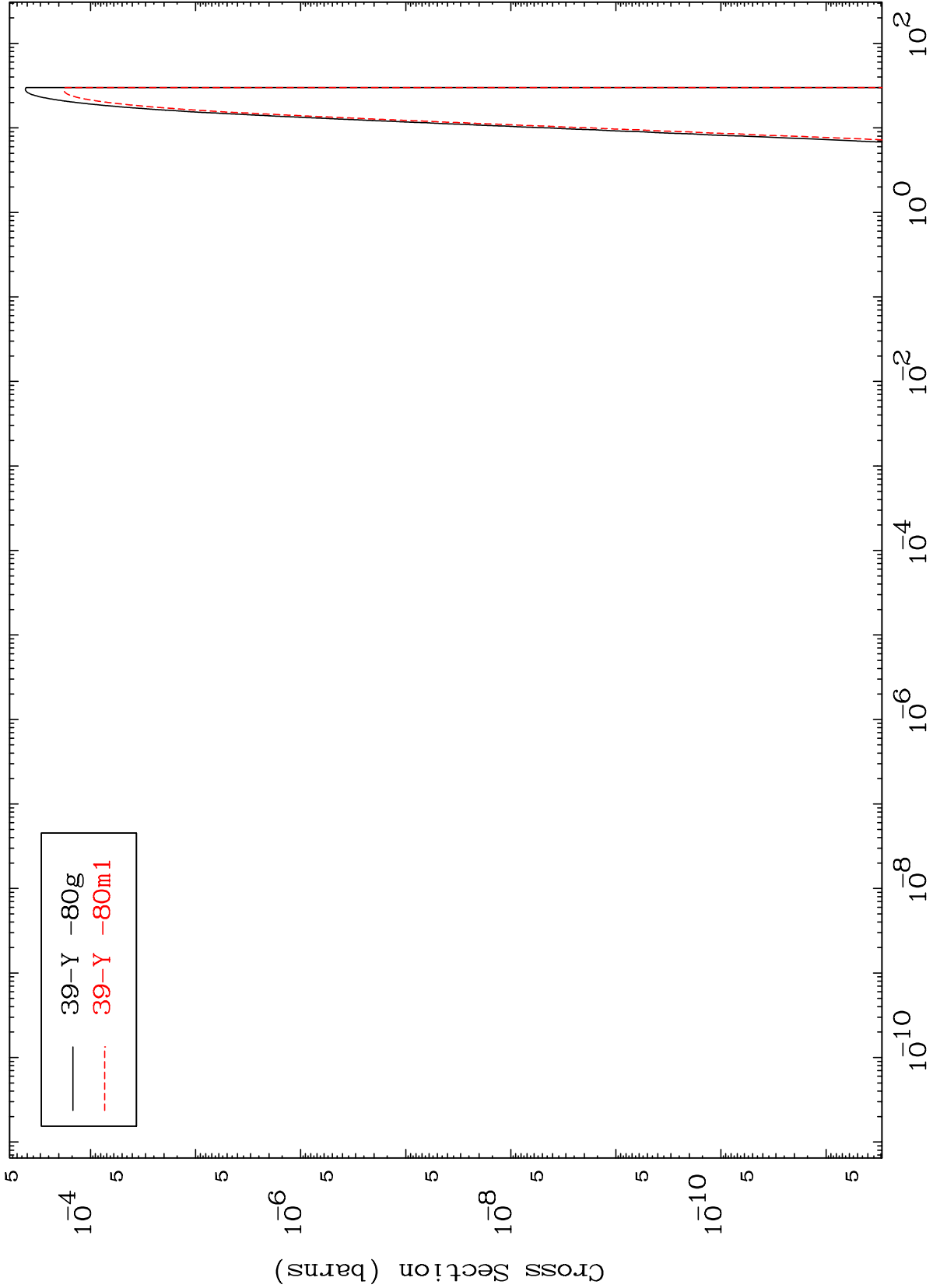
43-Tc-87

MAT 4289

(n,2α)

43-Tc-87

Radionuclide Production Cross Section



45

Incident Energy (MeV)

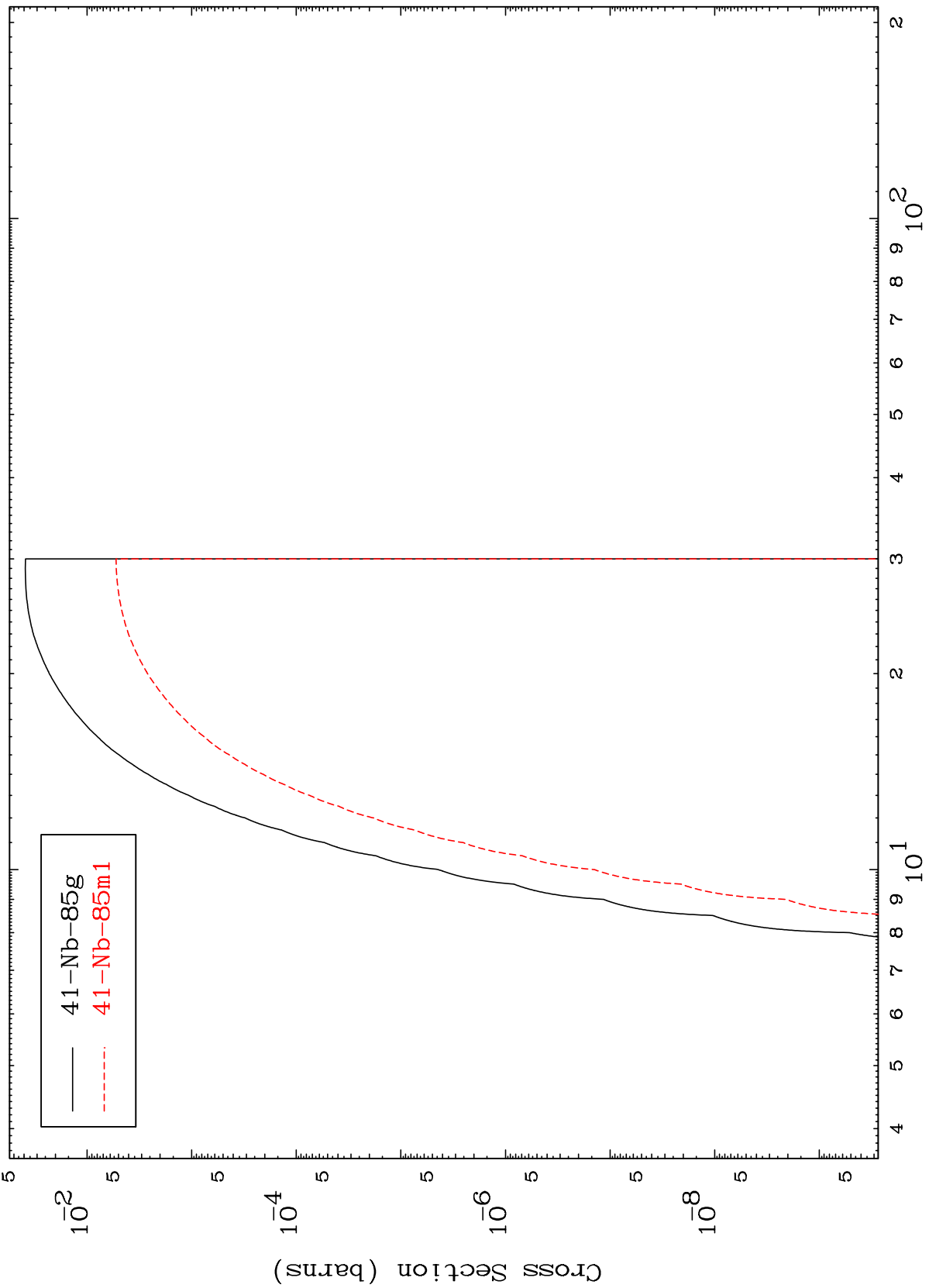
43-Tc-87

MAT 4289

(n,p) d

43-Tc-87

Radionuclide Production Cross Section



41-Nb-85g  
41-Nb-85m1

46

Incident Energy (MeV)

43-Tc-87