

Program EVALPLOT
(Version 2018-1)

by

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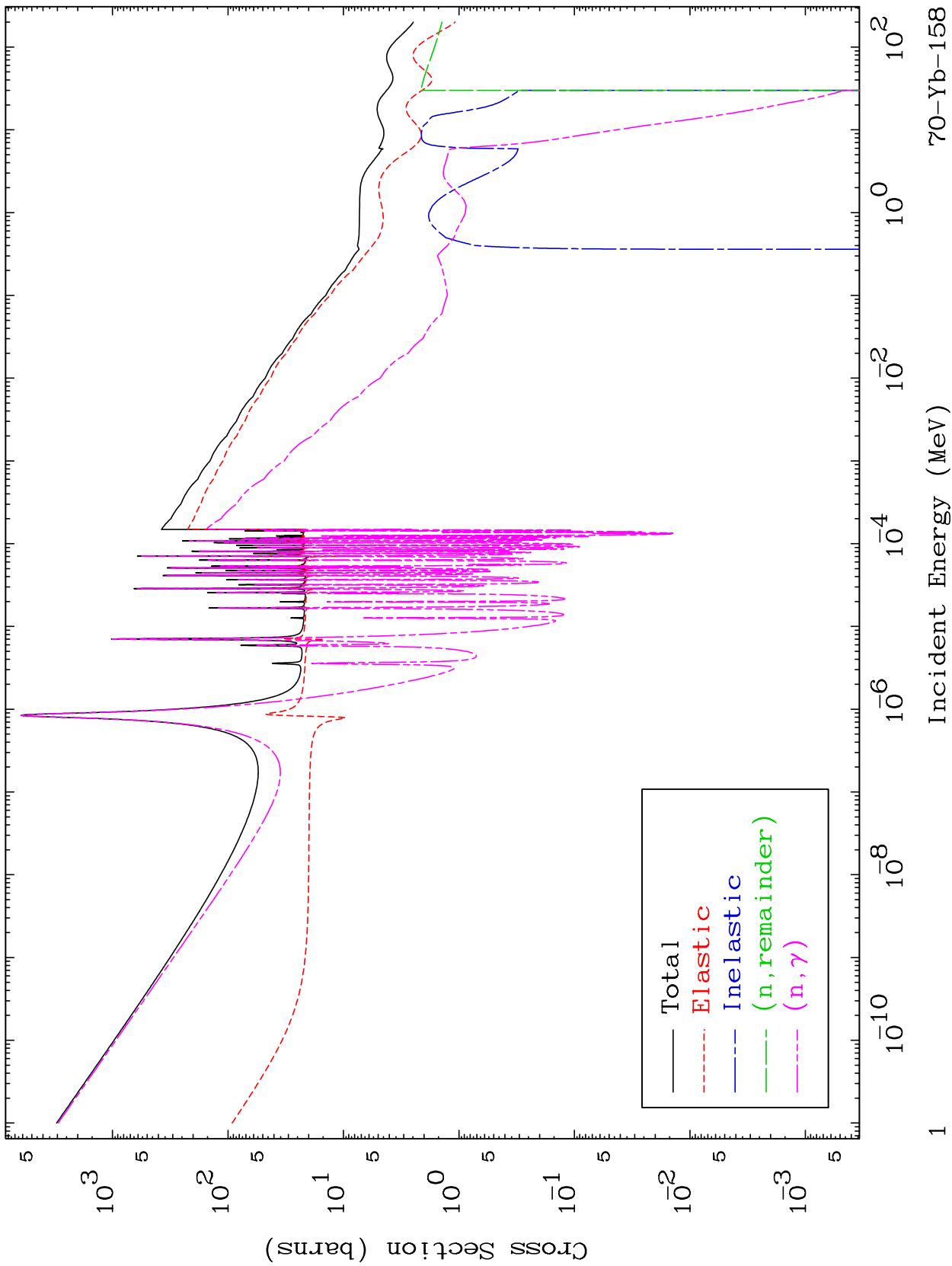
Press Mouse Button to Start

MAT 6995

Major

293 Kelvin Cross Sections

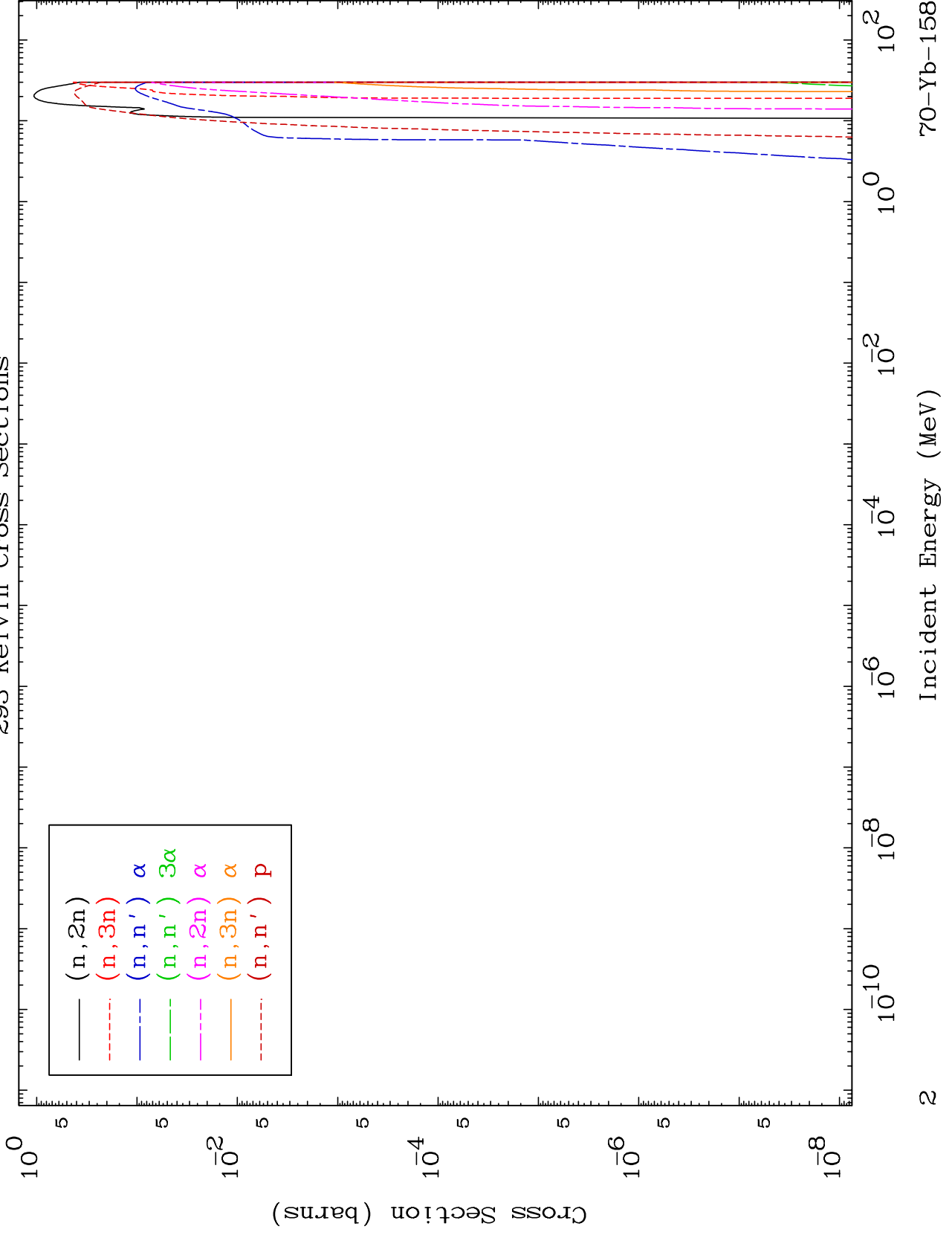
70-Yb-158



MAT 6995

Neutron Production
293 Kelvin Cross Sections

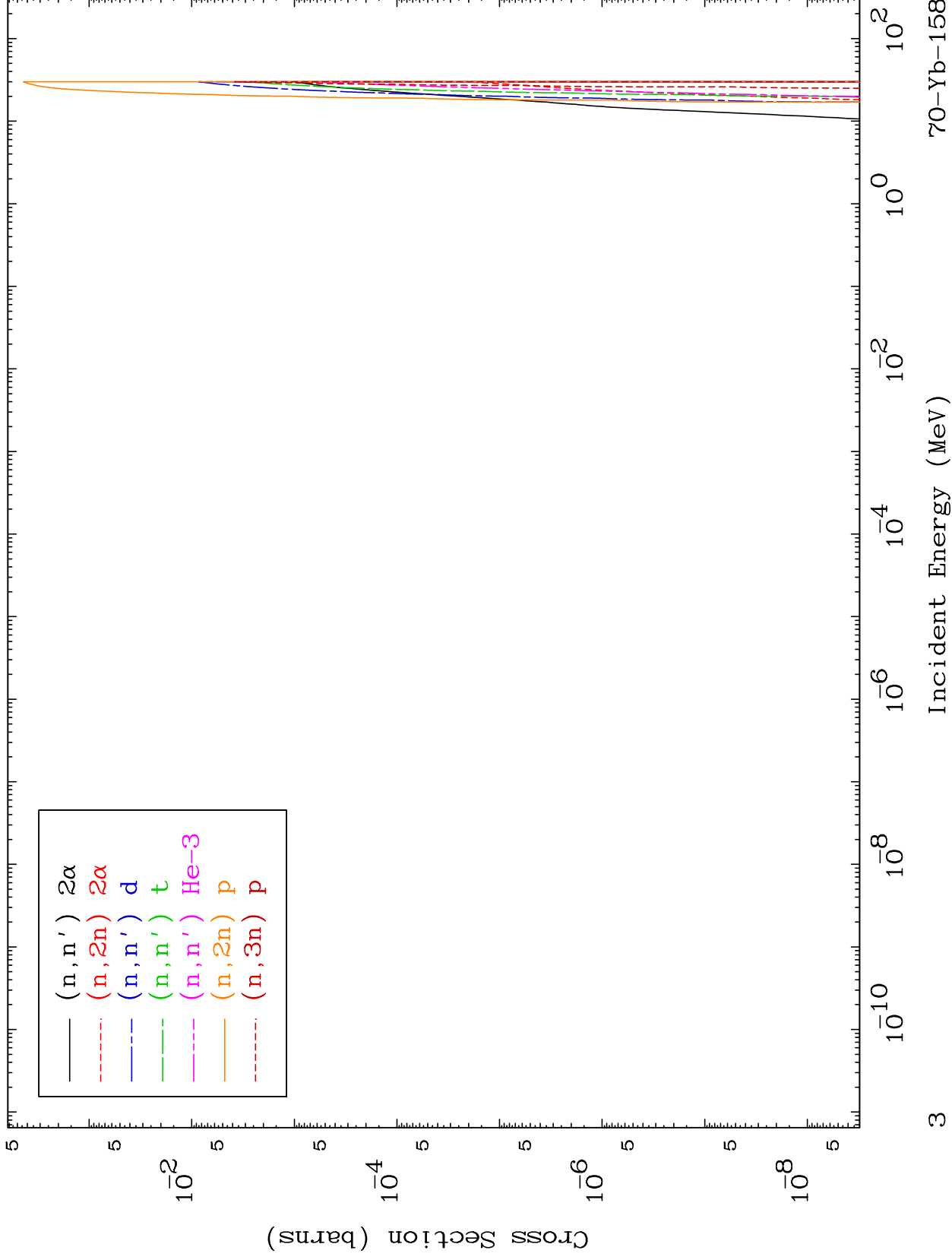
70-Yb-158



MAT 6995

Neutron Production
293 Kelvin Cross Sections

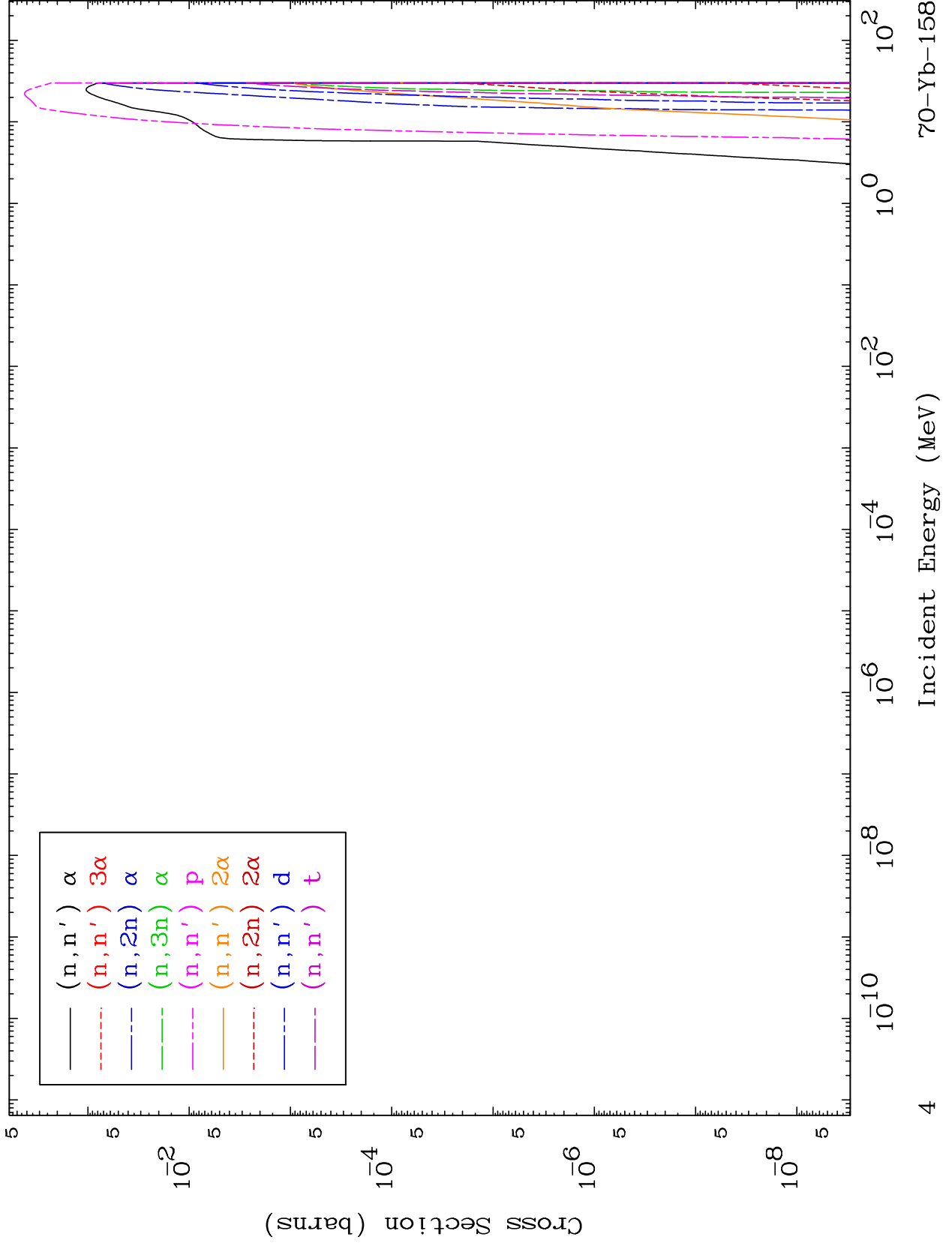
70-Yb-158



MAT 6995

Charged Particle
293 Kelvin Cross Sections

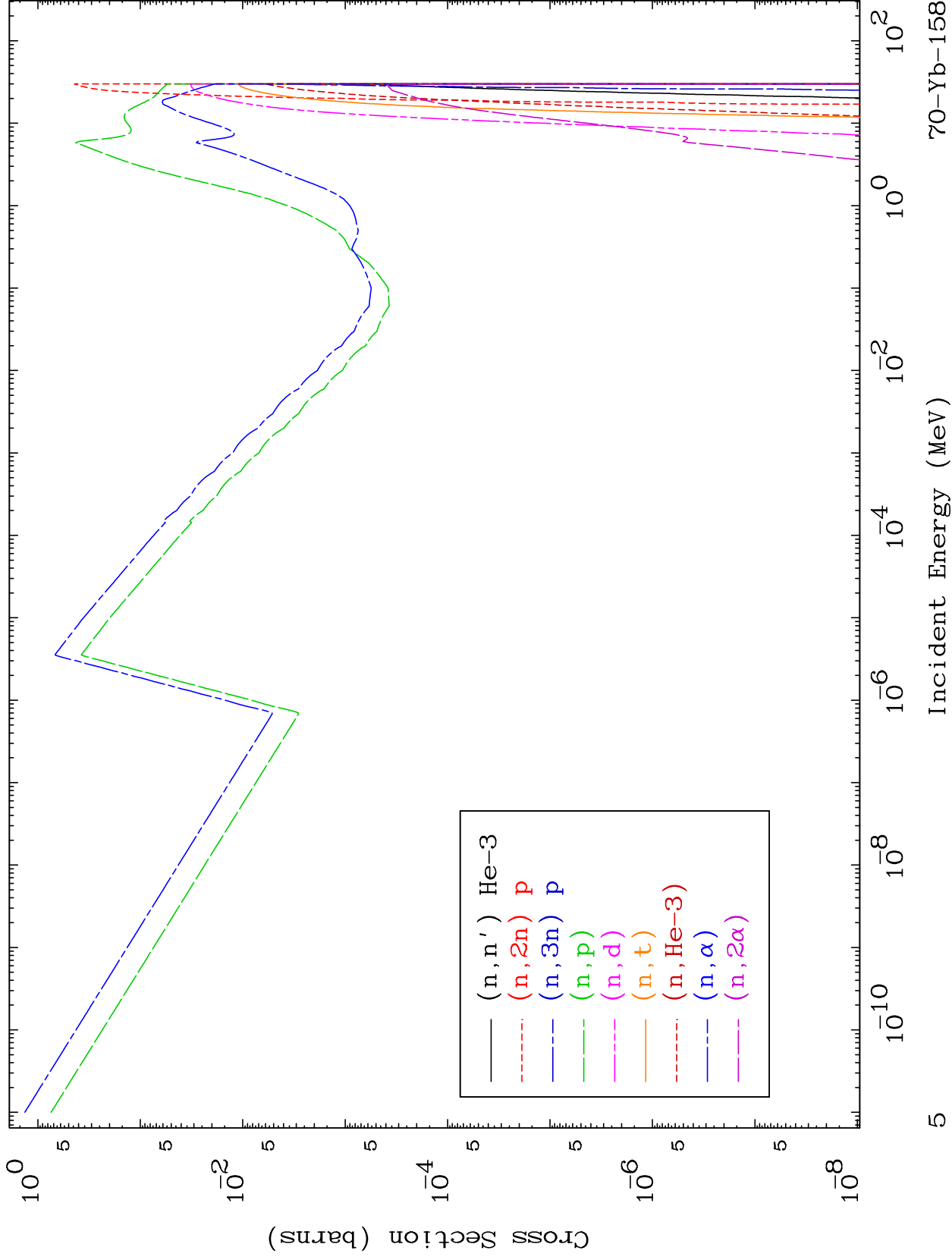
70-Yb-158

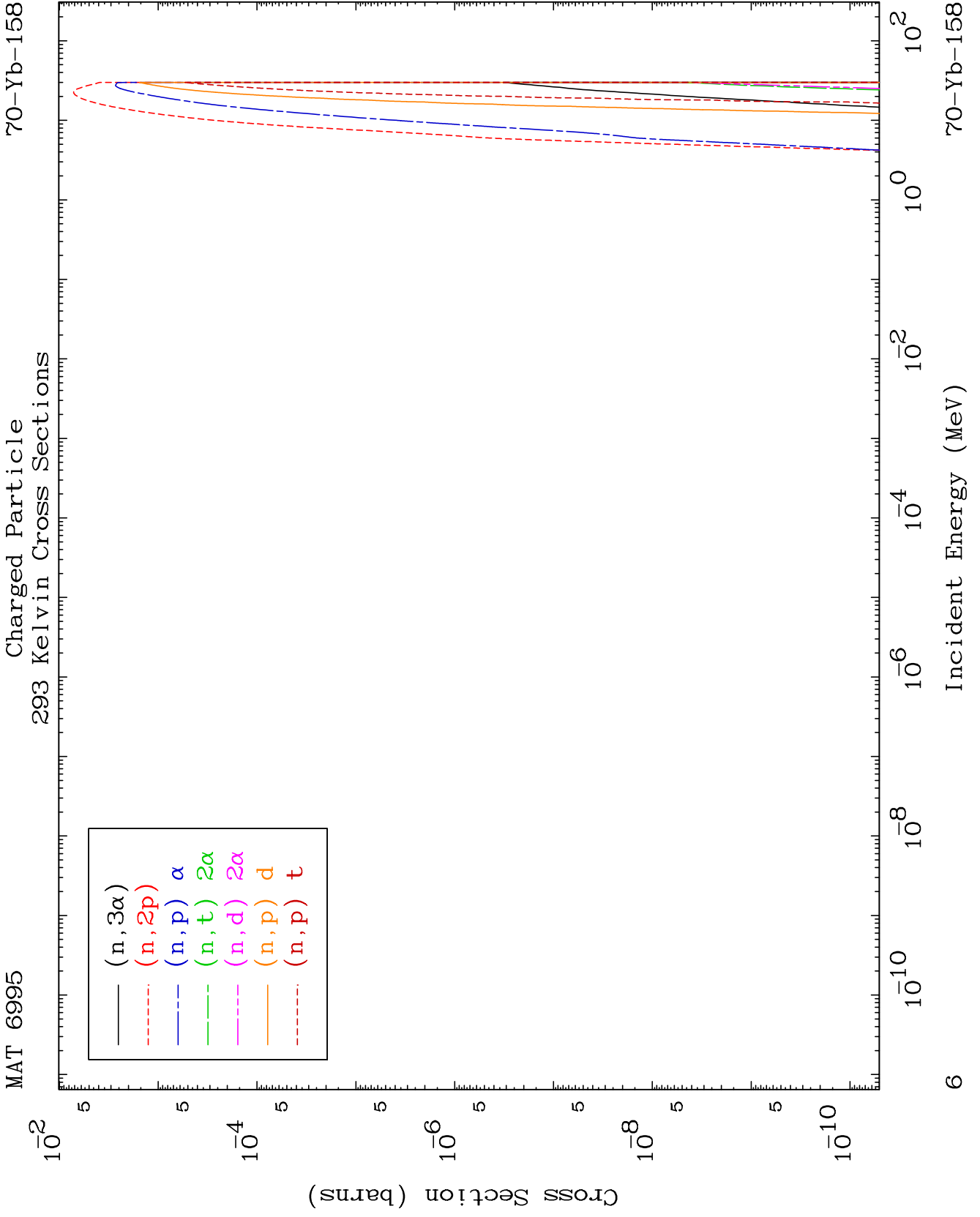


MAT 6995

Charged Particle
293 Kelvin Cross Sections

70-Yb-158

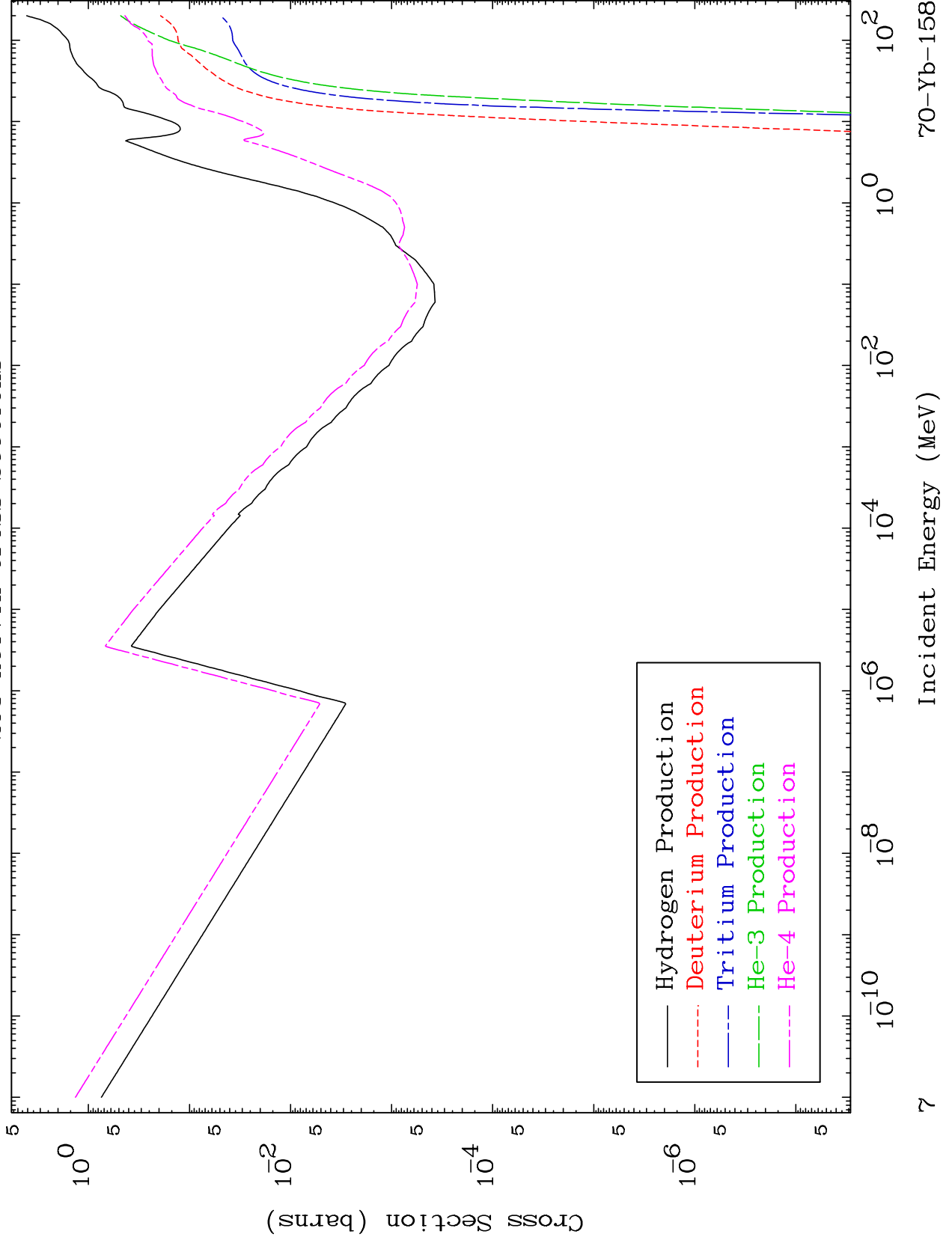




MAT 6995

Particle Production
293 Kelvin Cross Sections

70-Yb-158



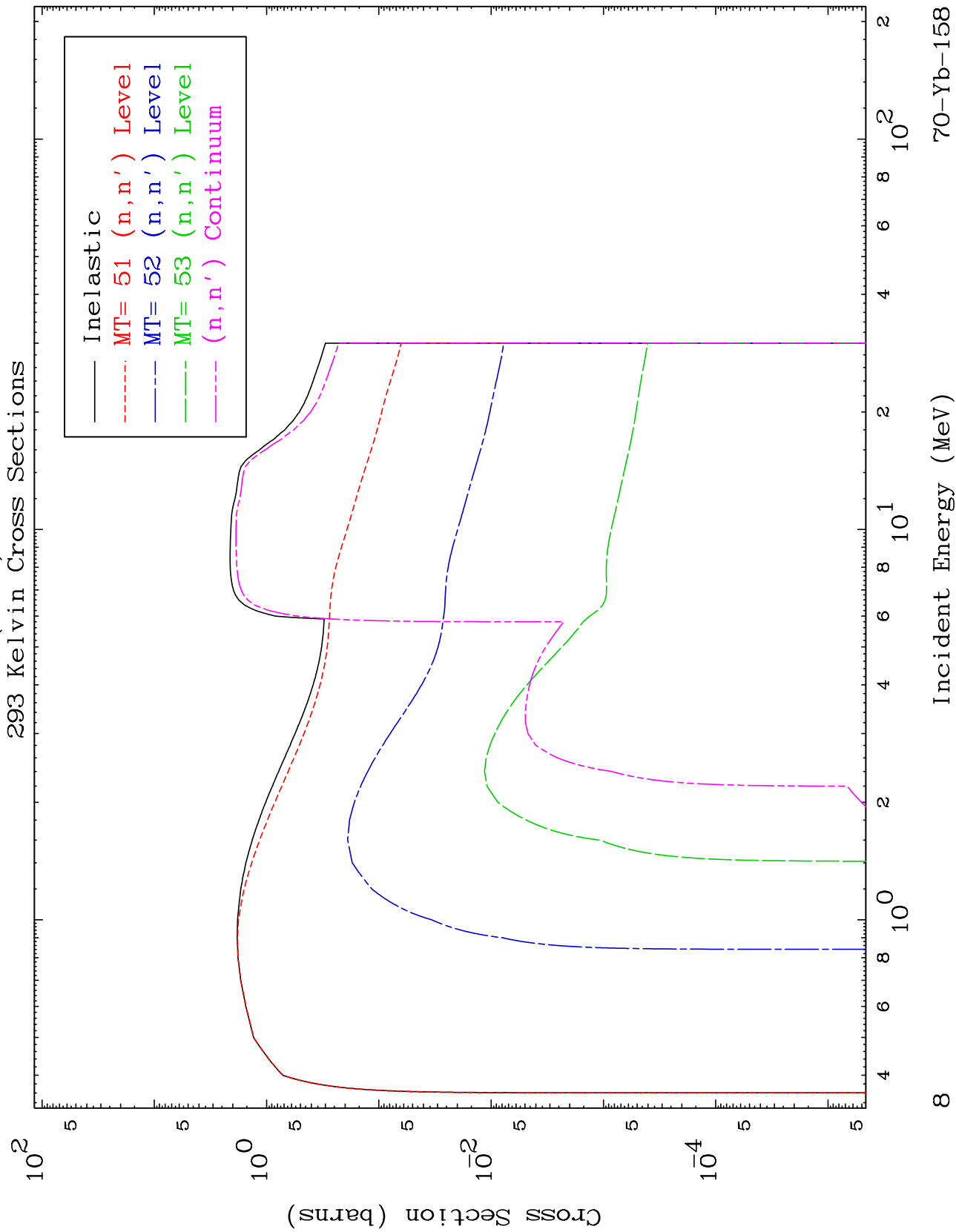
MAT 6995

(n,n') Level

70-Yb-158

293 Kelvin Cross Sections

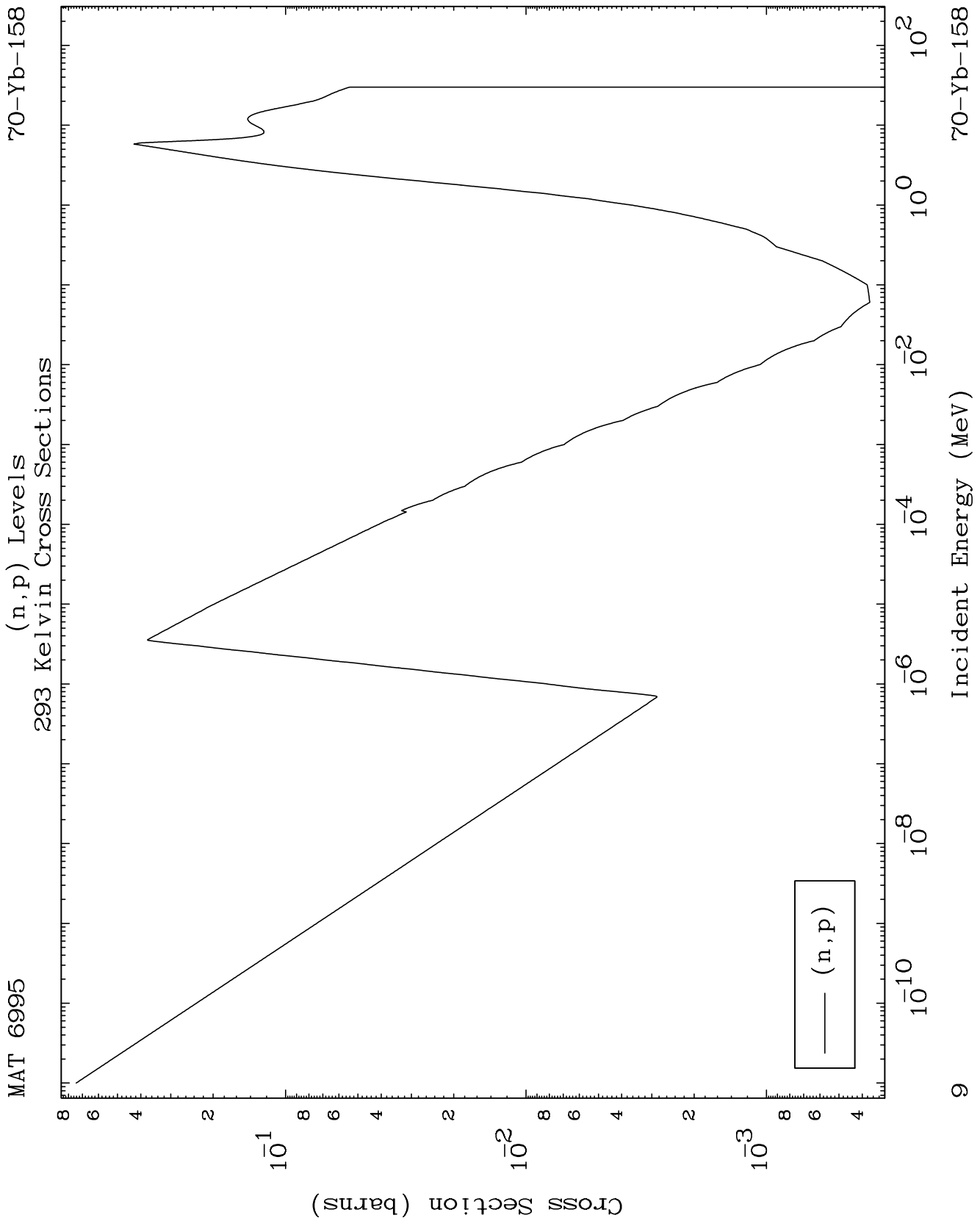
70-Yb-158



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Incident Energy (MeV)

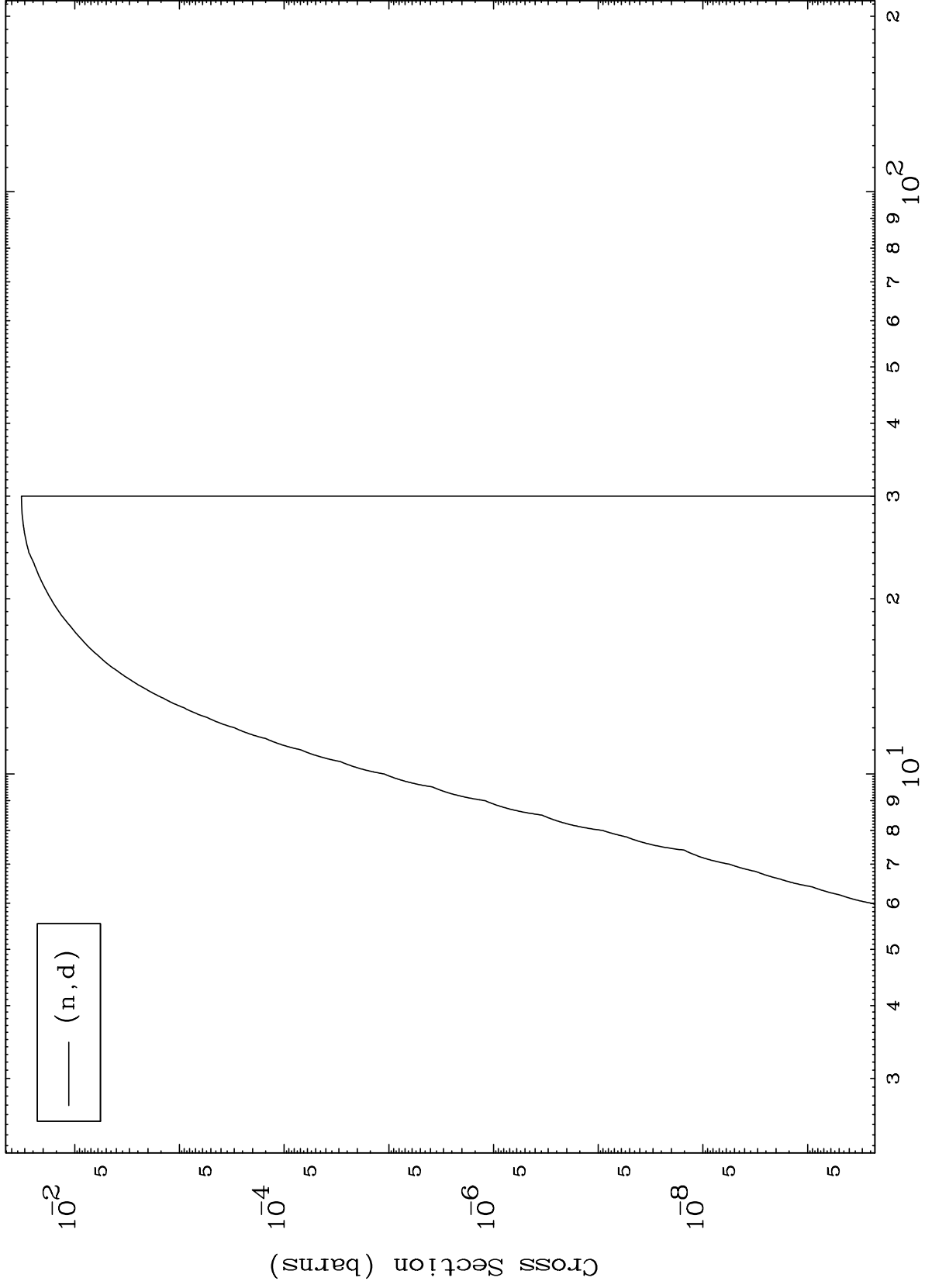
70-Yb-158



MAT 6995

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-158



10

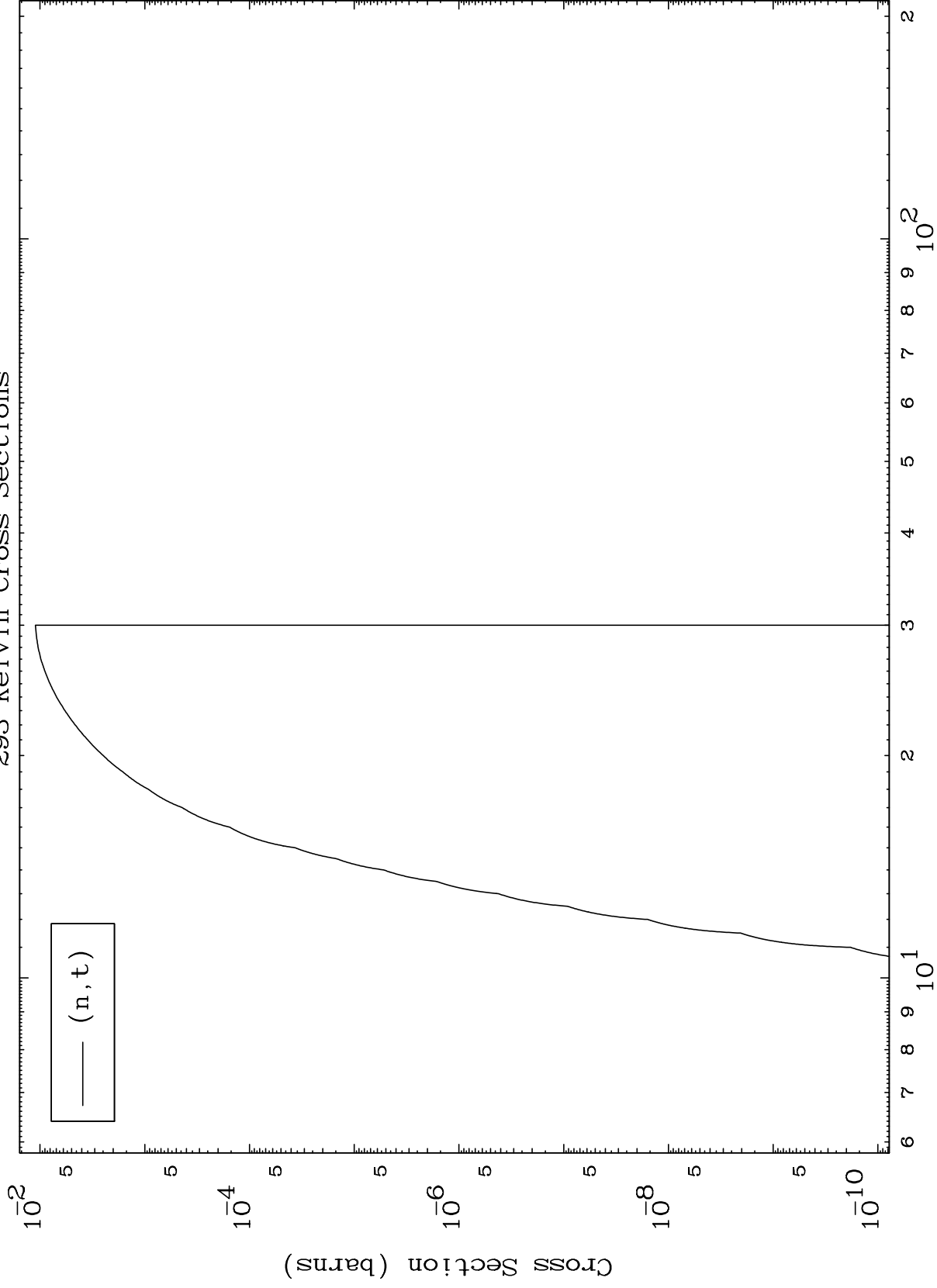
Incident Energy (MeV)

70-Yb-158

MAT 6995

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-158



11

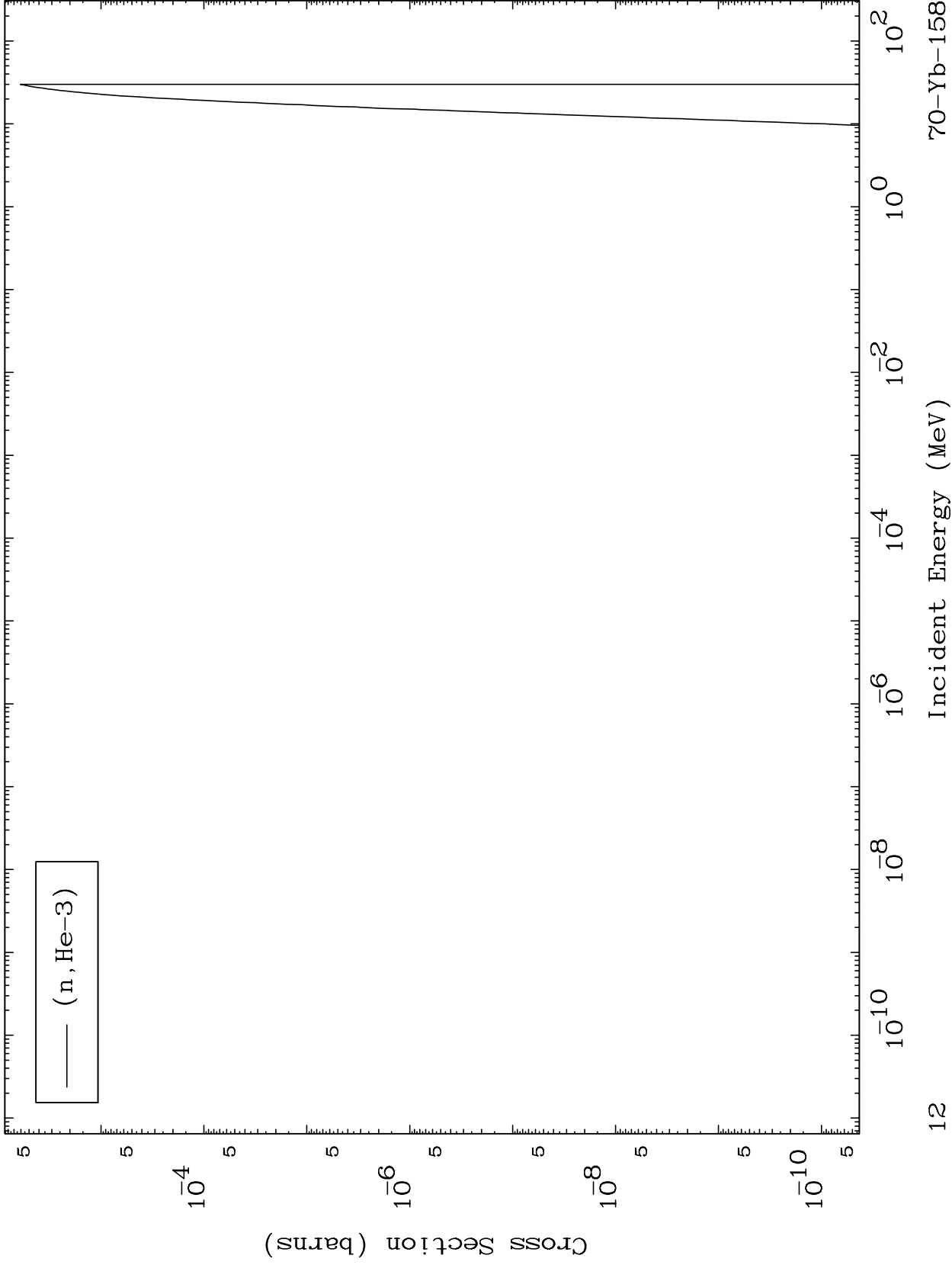
Incident Energy (MeV)

70-Yb-158

MAT 6995

(n,He3) Levels
293 Kelvin Cross Sections

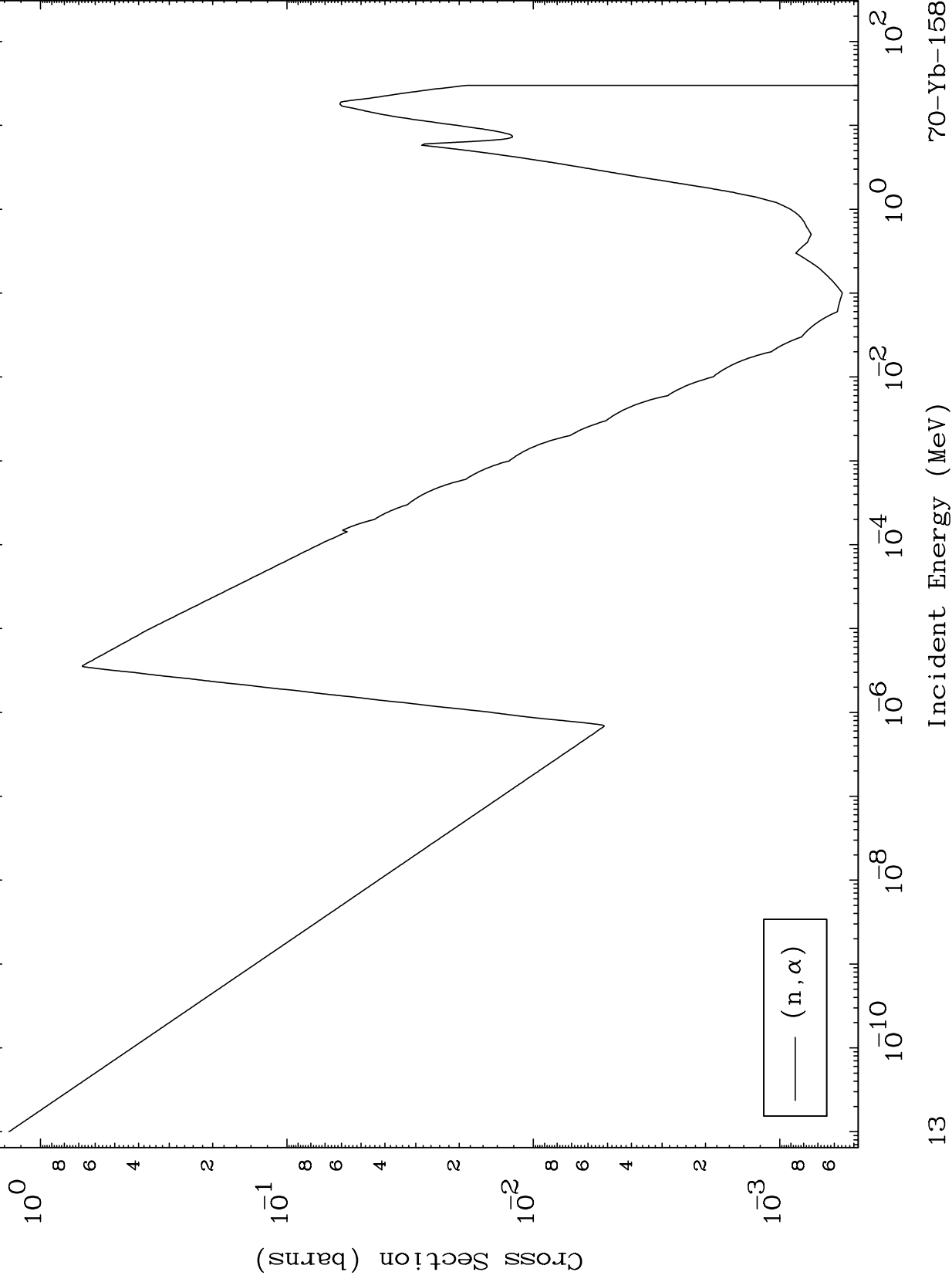
70-Yb-158

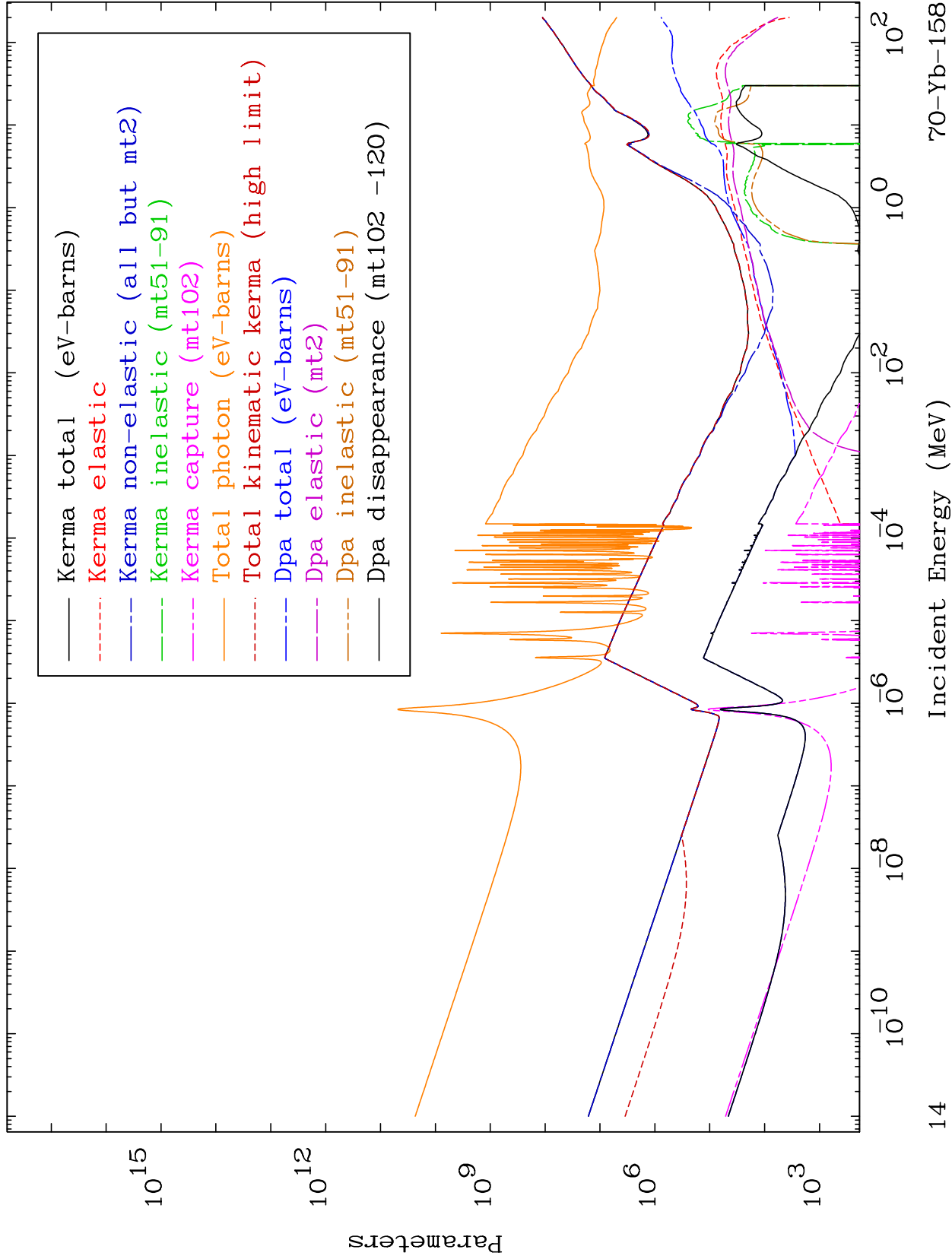


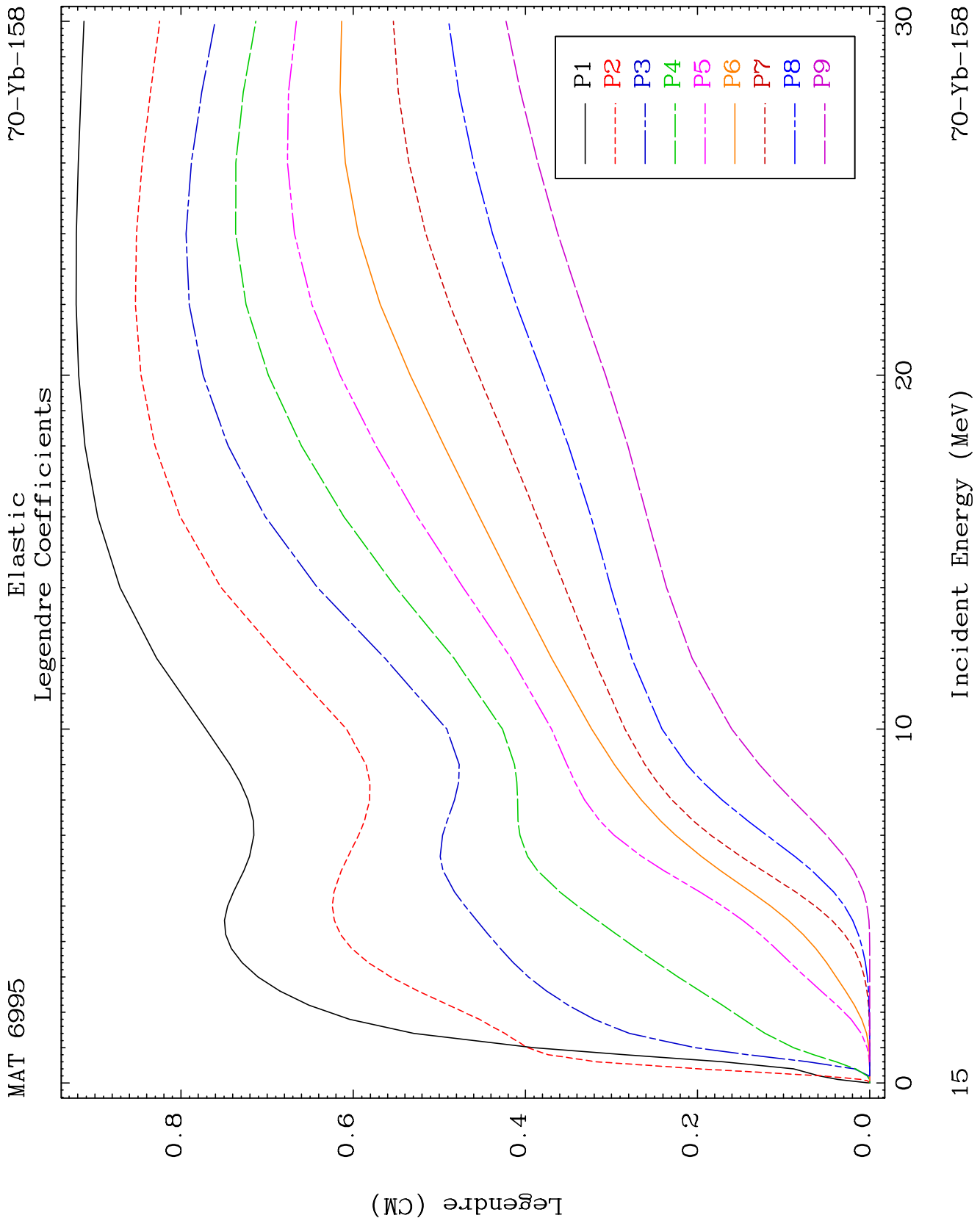
MAT 6995

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-158







70-Yb-158

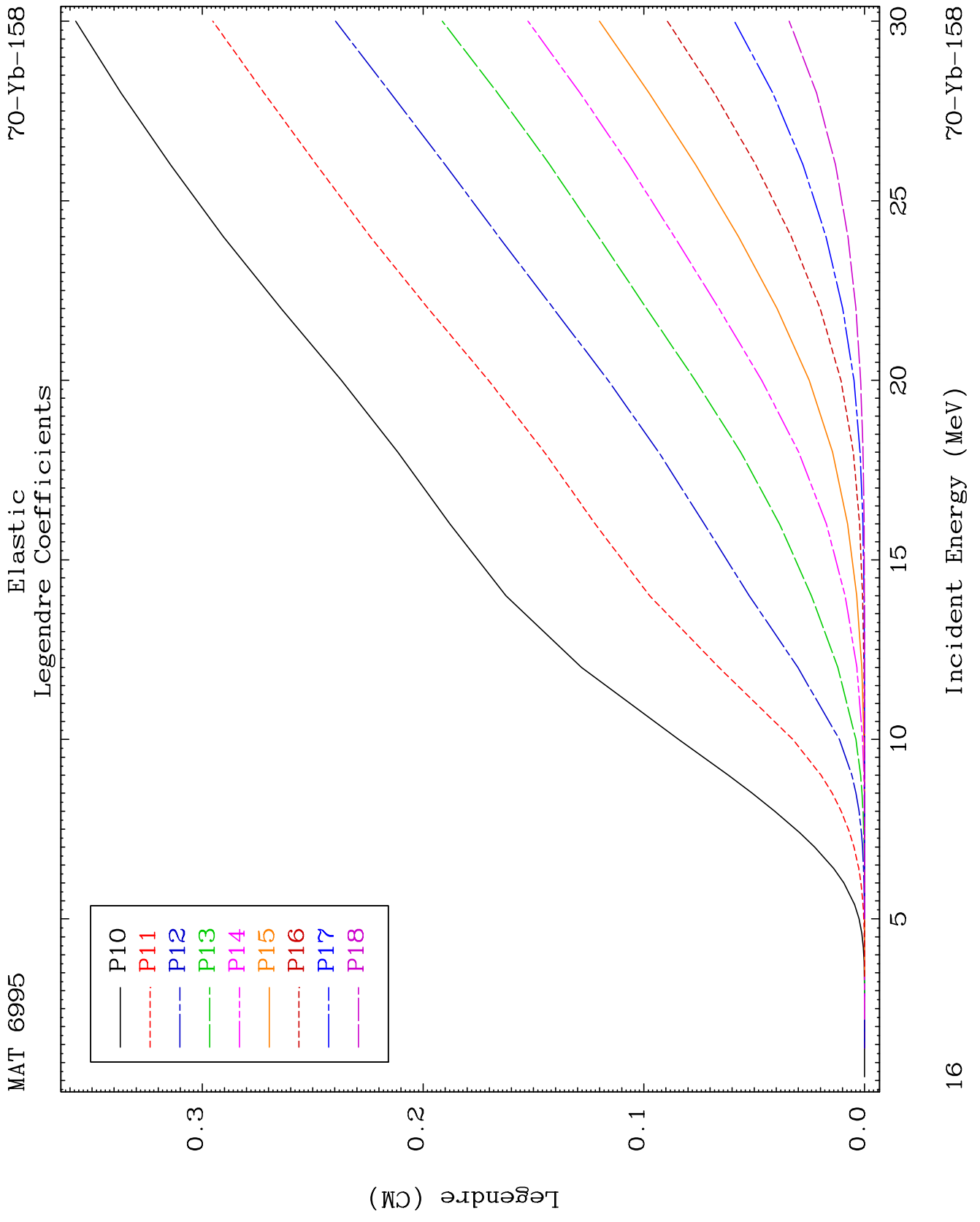
Elastic Legendre Coefficients

MAT 6995

70-Yb-158

Incident Energy (MeV)

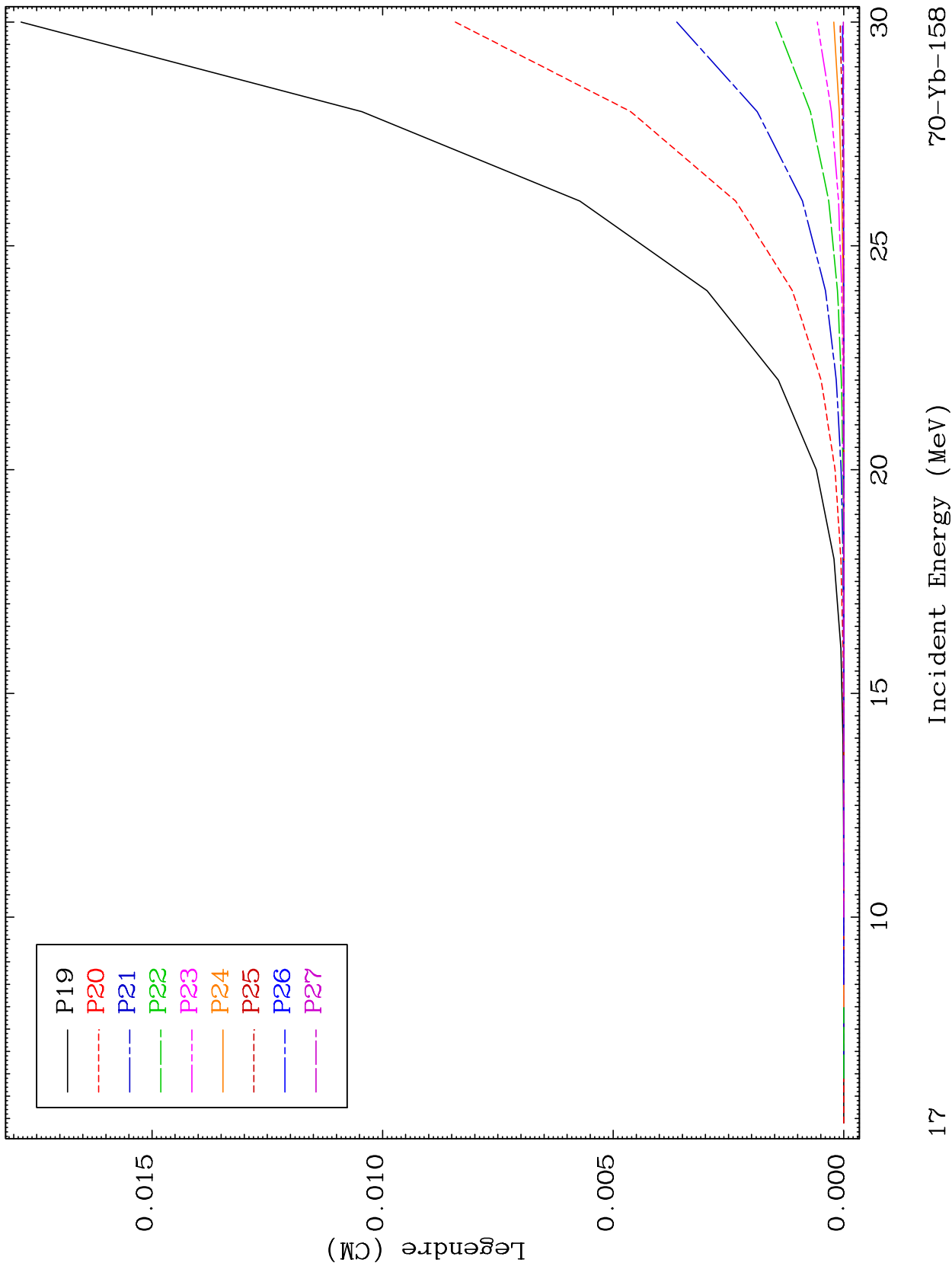
15



MAT 6995

Elastic Legendre Coefficients

70-Yb-158



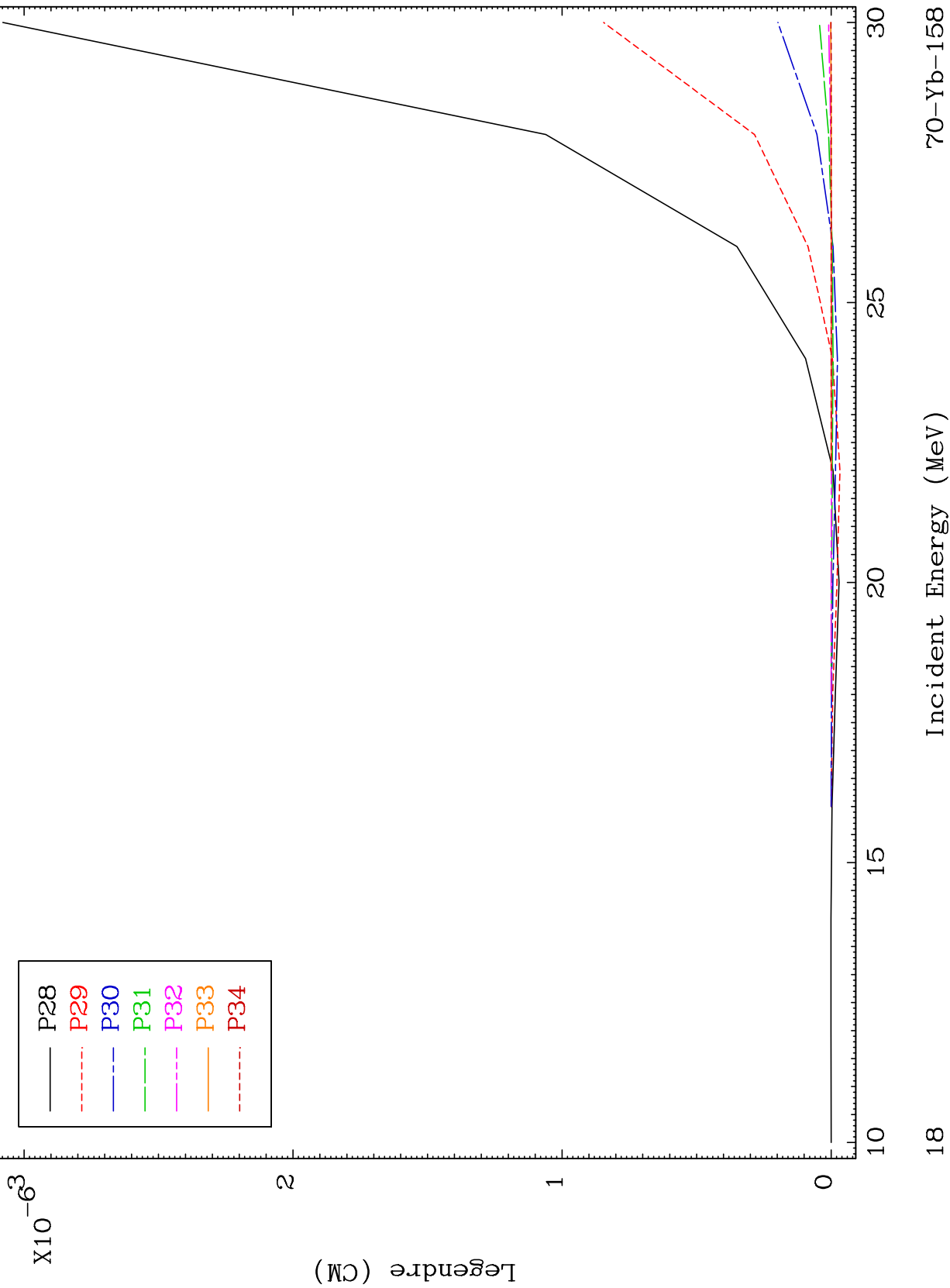
17

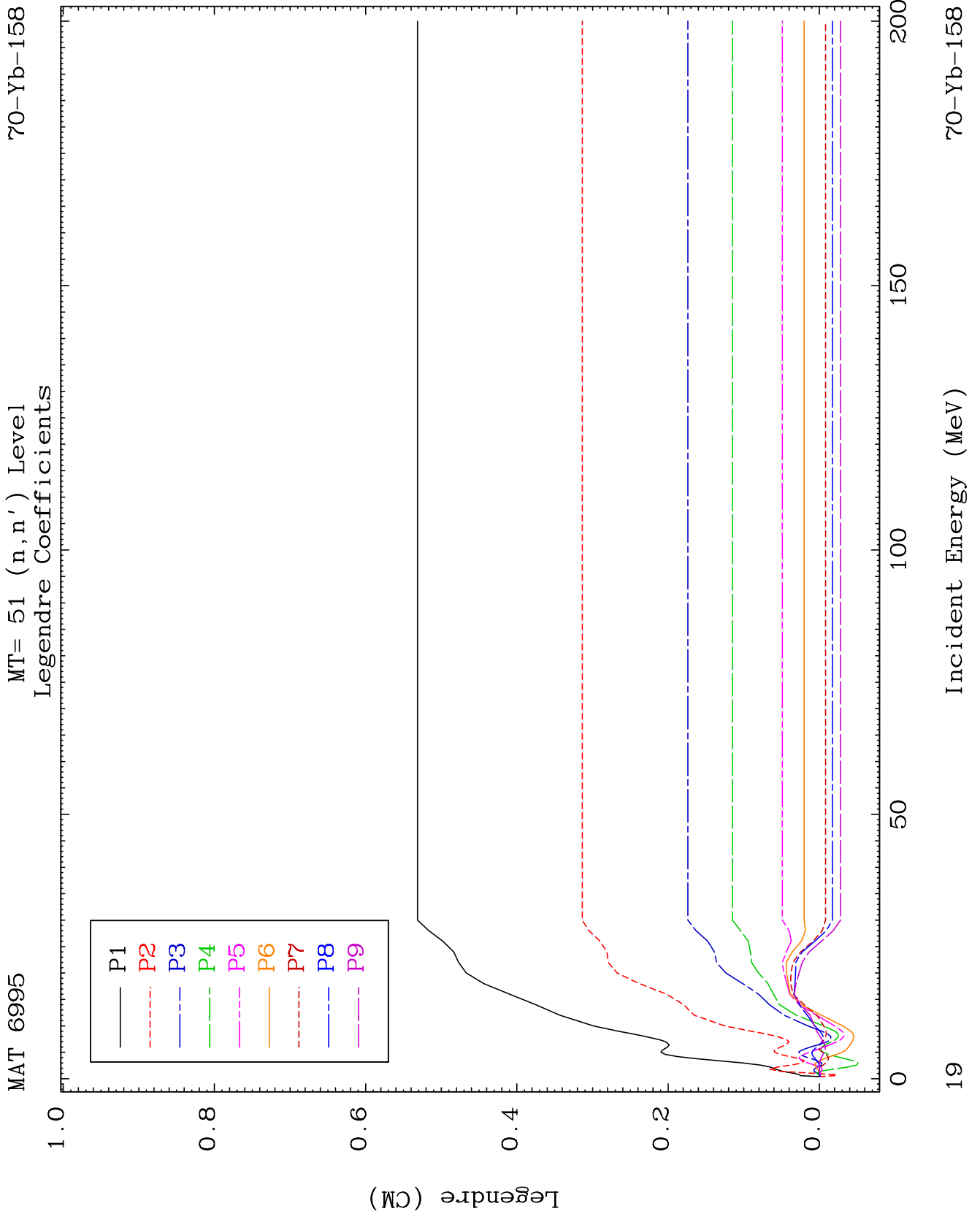
70-Yb-158

MAT 6995

Elastic Legendre Coefficients

70-Yb-158

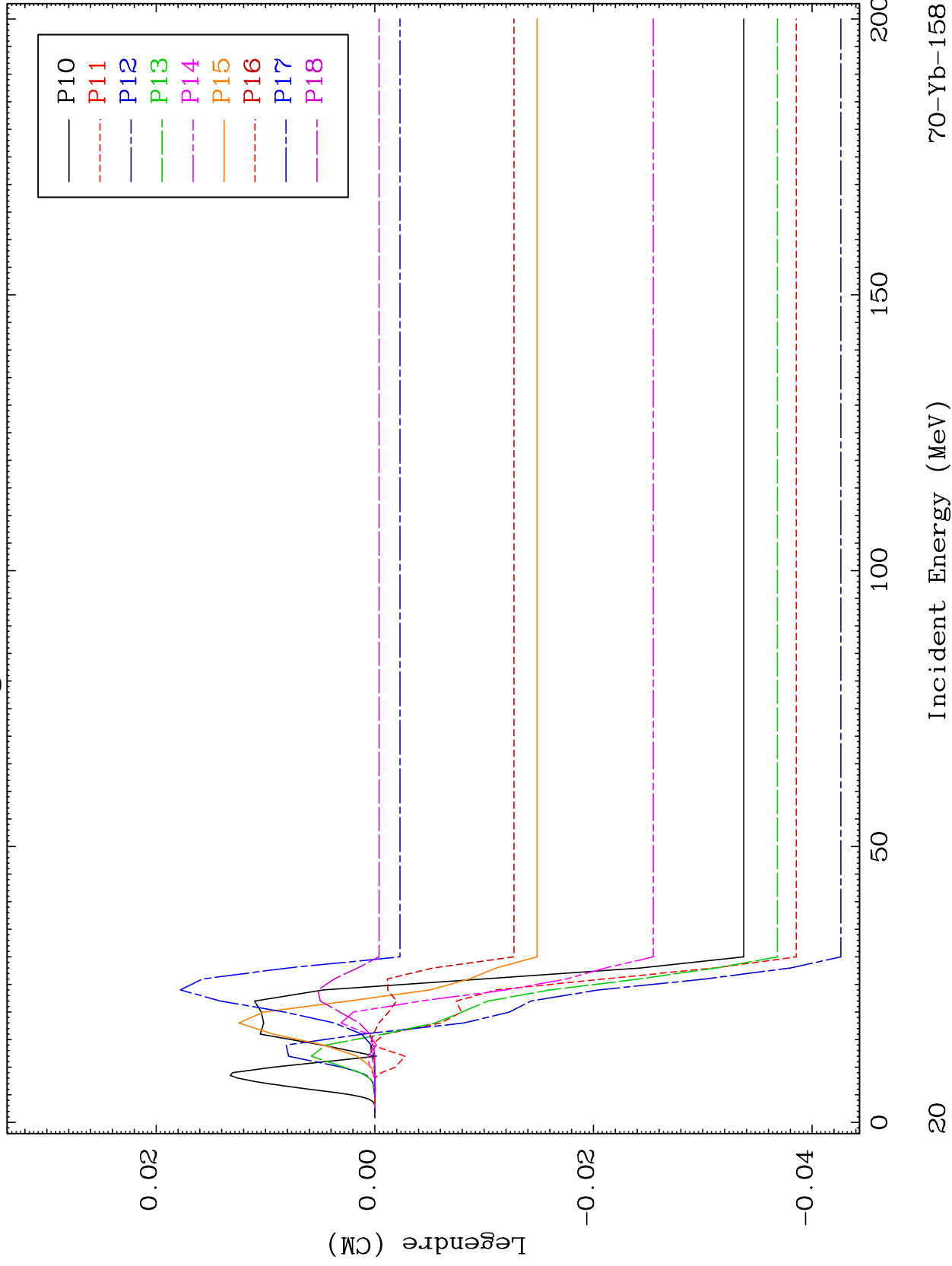




MAT 6995

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

70-Yb-158



70-Yb-158

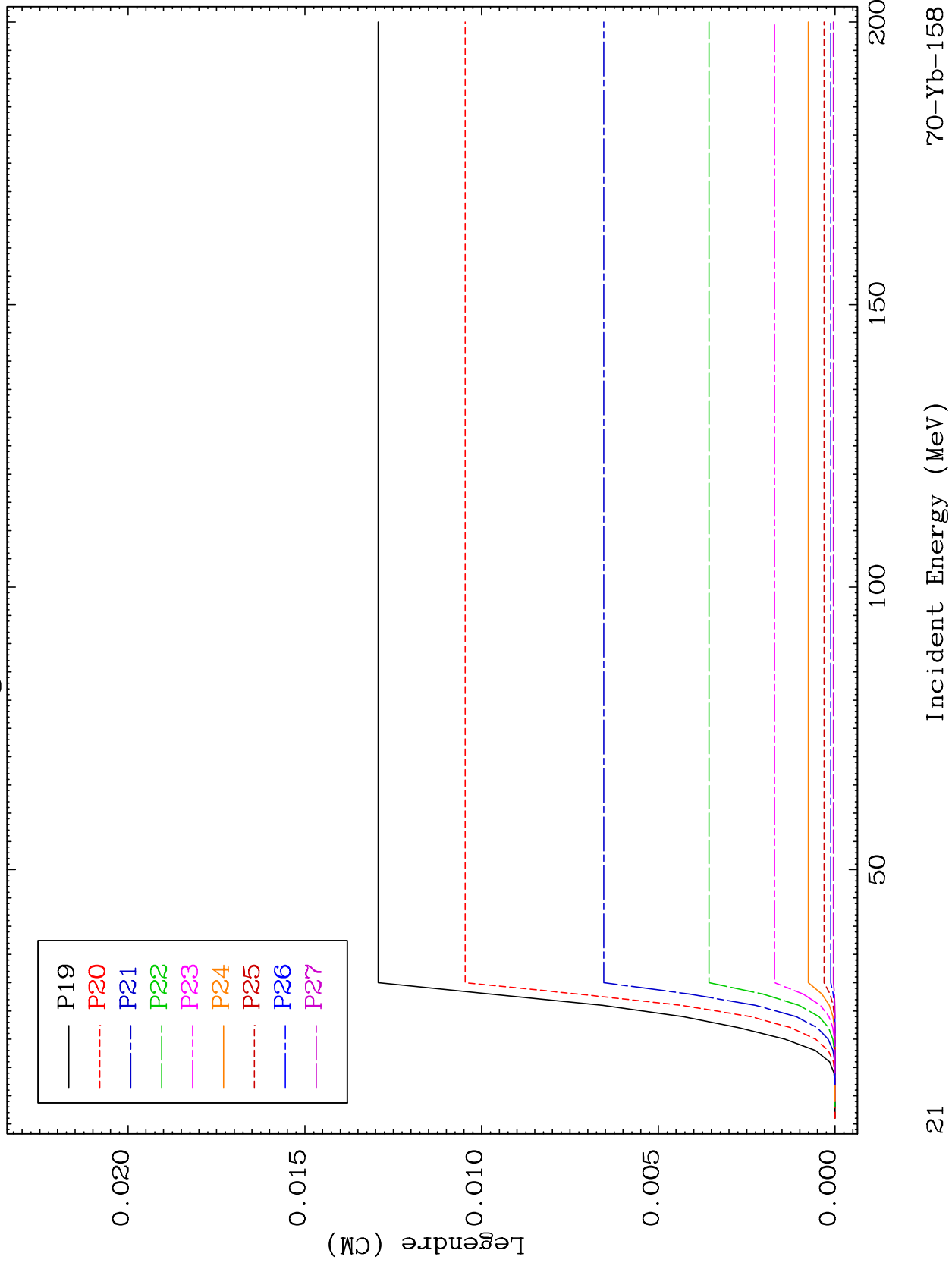
Incident Energy (MeV)

20

MAT 6995

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

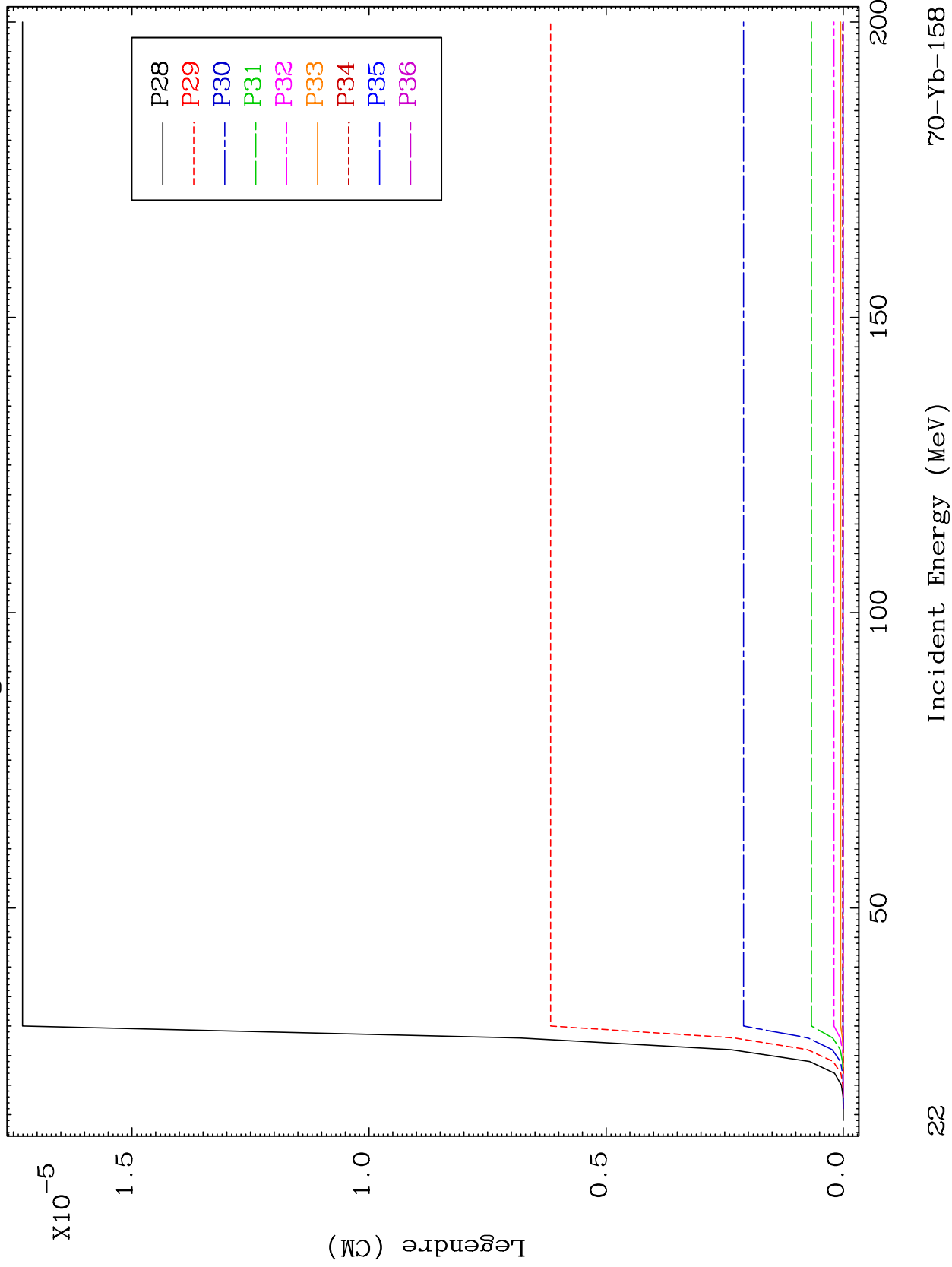
70-Yb-158



MAT 6995

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

70-Yb-158



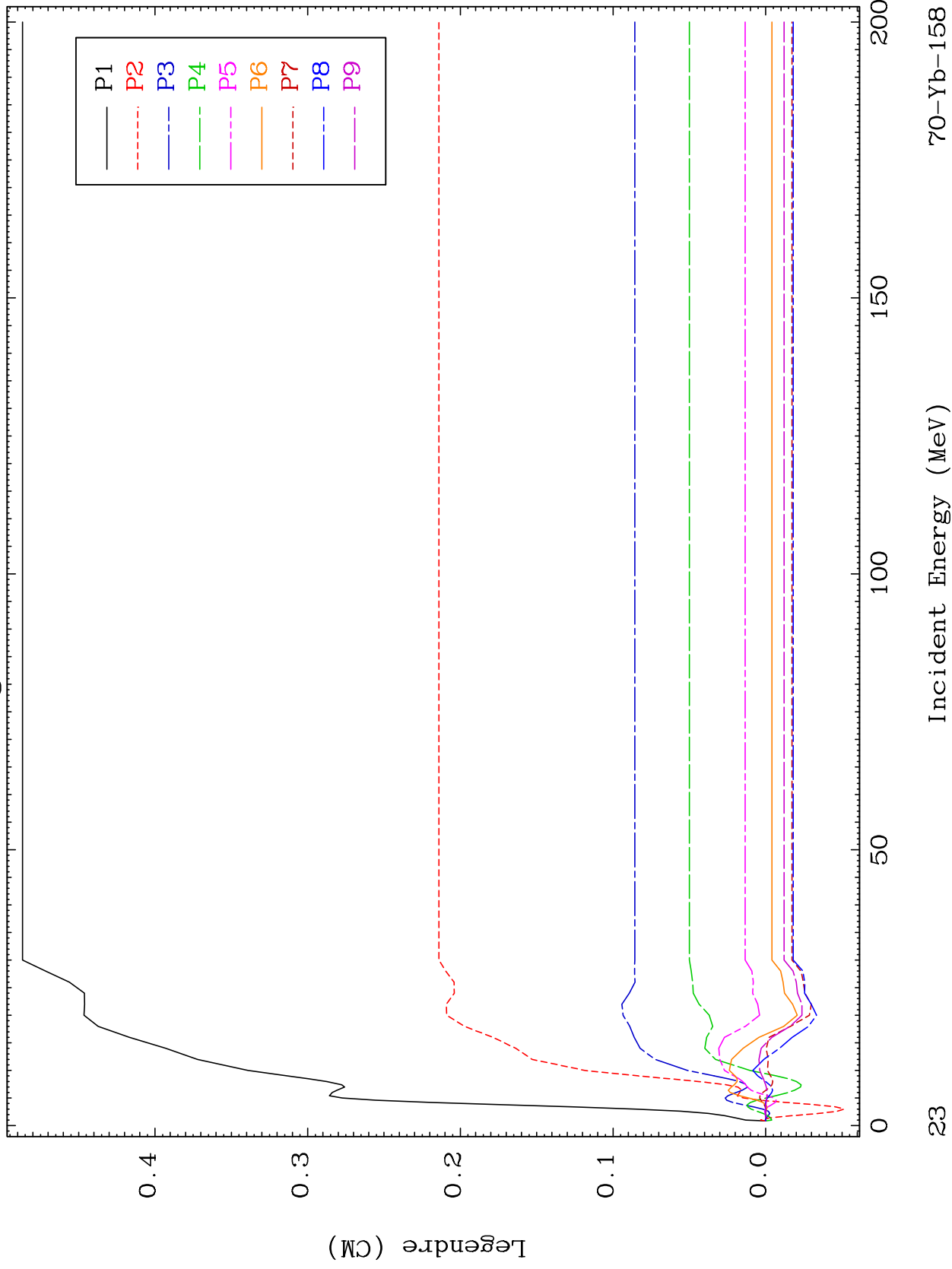
22

70-Yb-158

MAT 6995

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

70-Yb-158



23

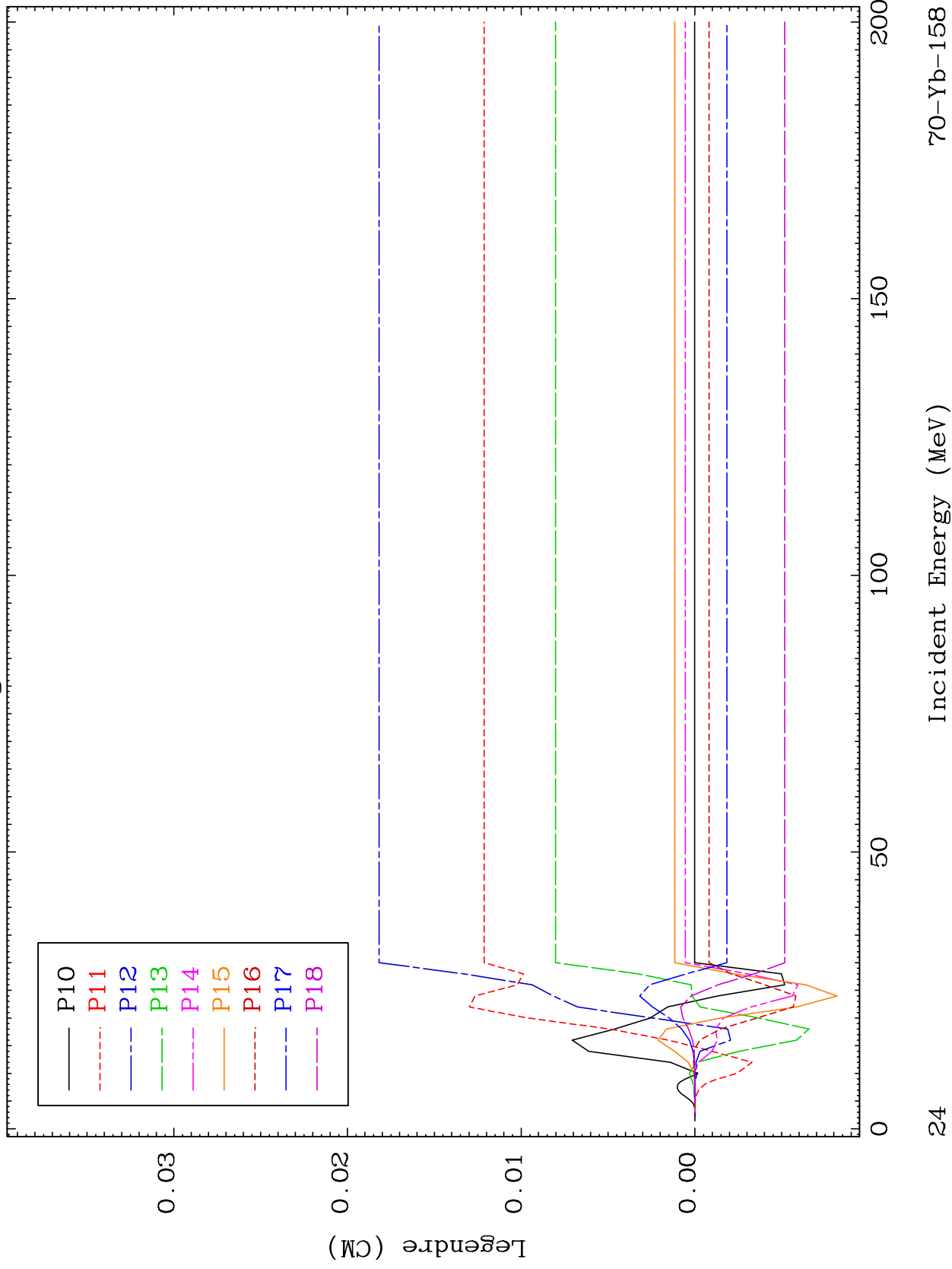
Incident Energy (MeV)

70-Yb-158

MAT 6995

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

70-Yb-158



24

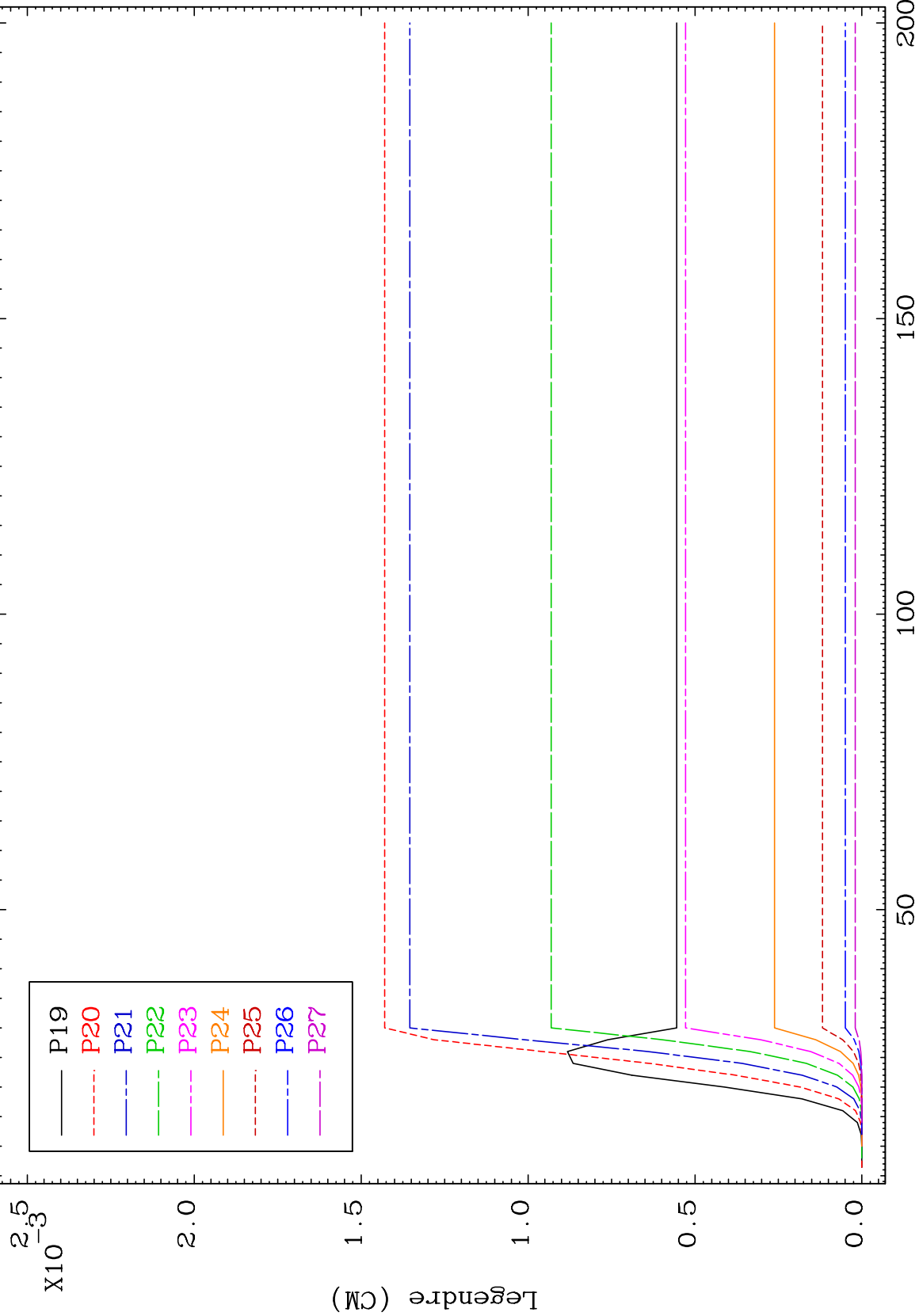
Incident Energy (MeV)

70-Yb-158

MAT 6995

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

70-Yb-158



25

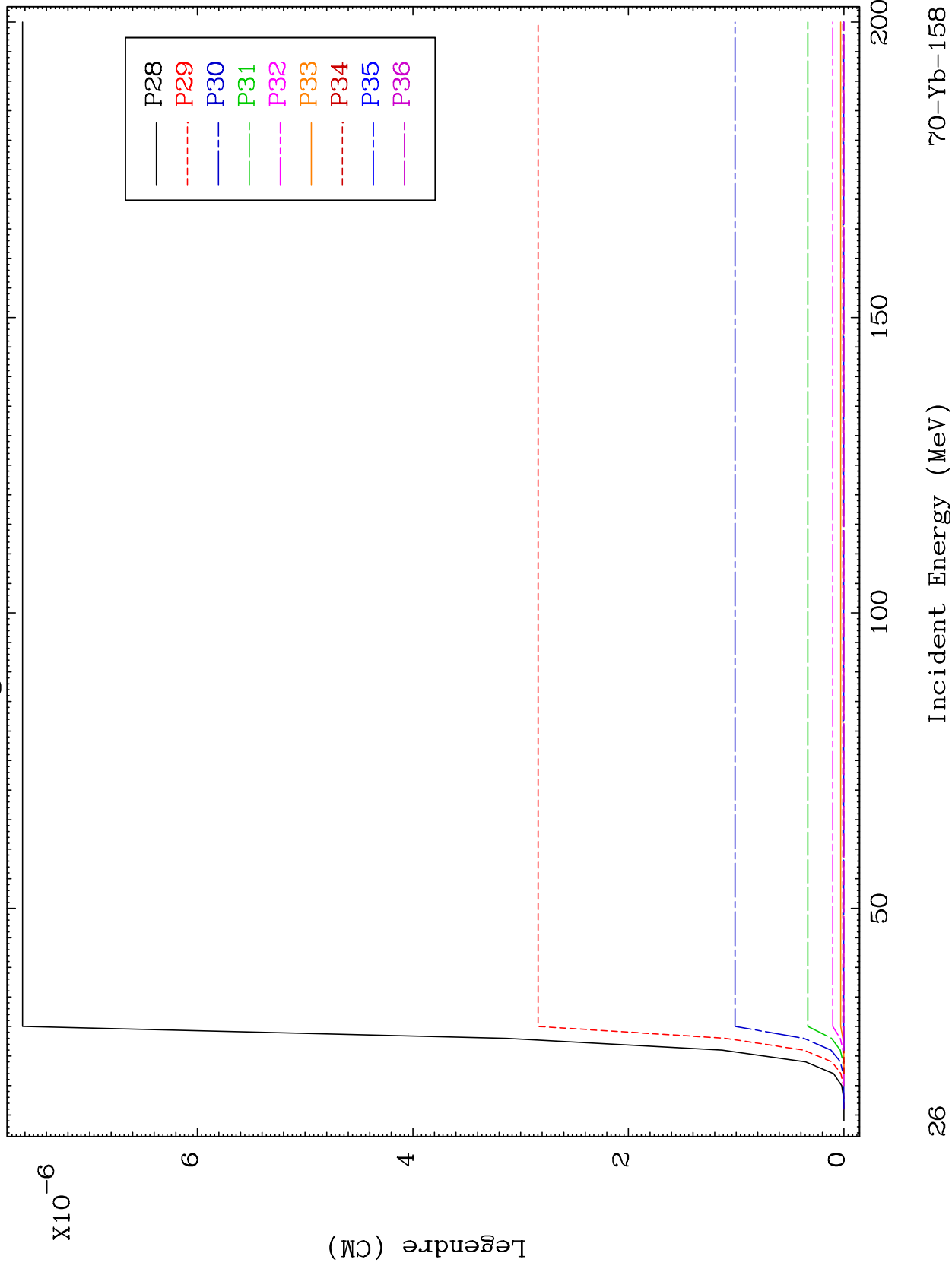
Incident Energy (MeV)

70-Yb-158

MAT 6995

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

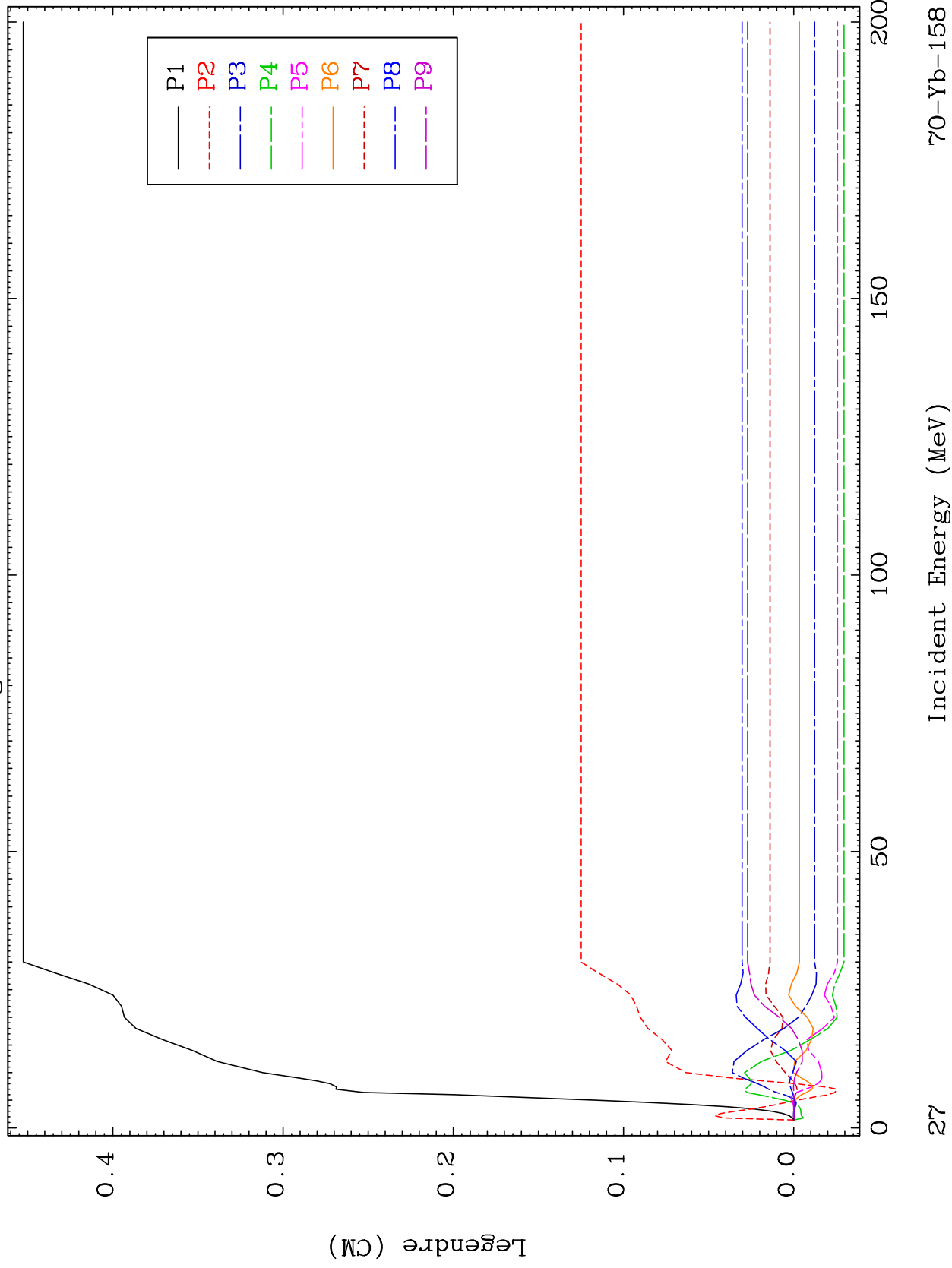
70-Yb-158

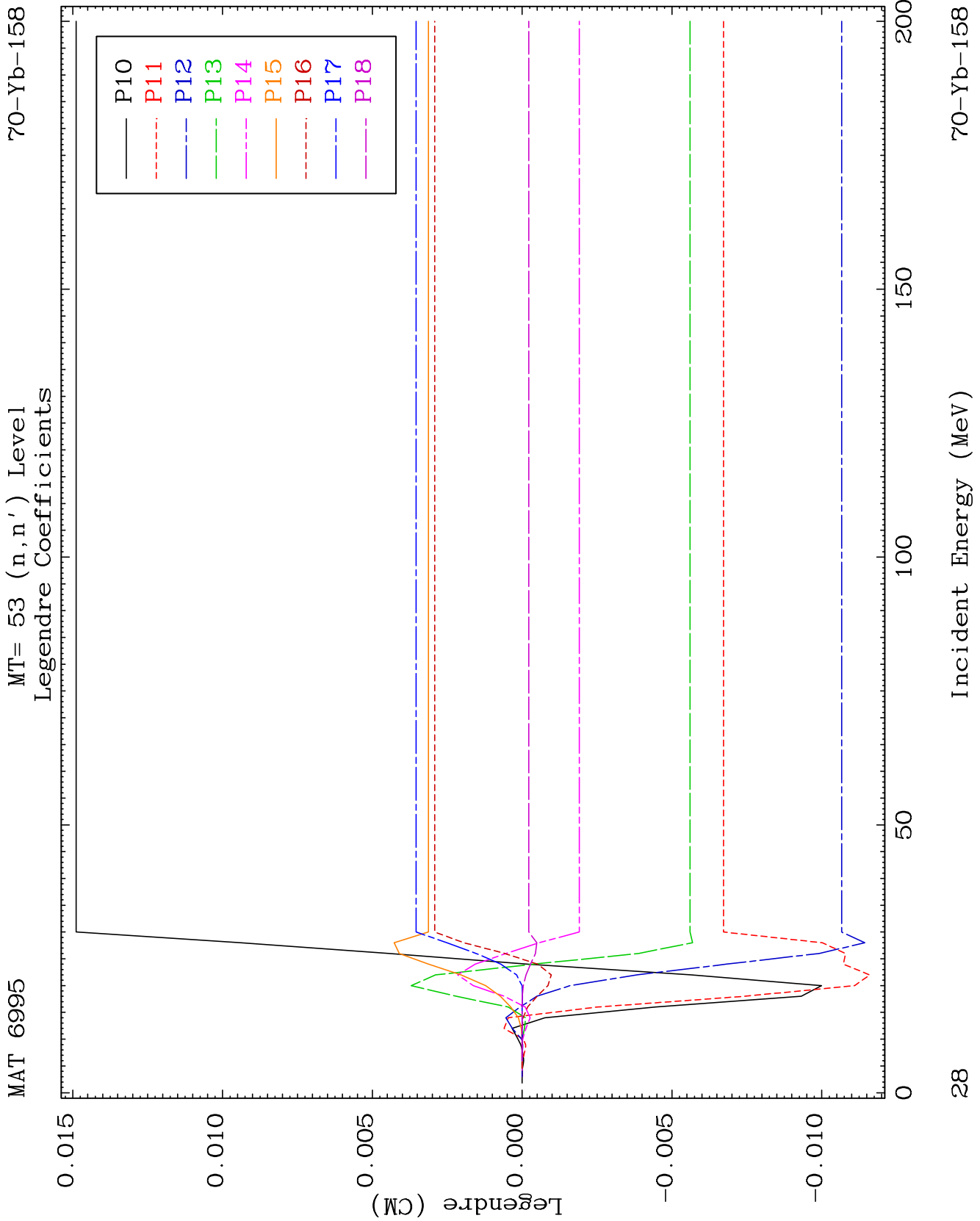


MAT 6995

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

70-Yb-158

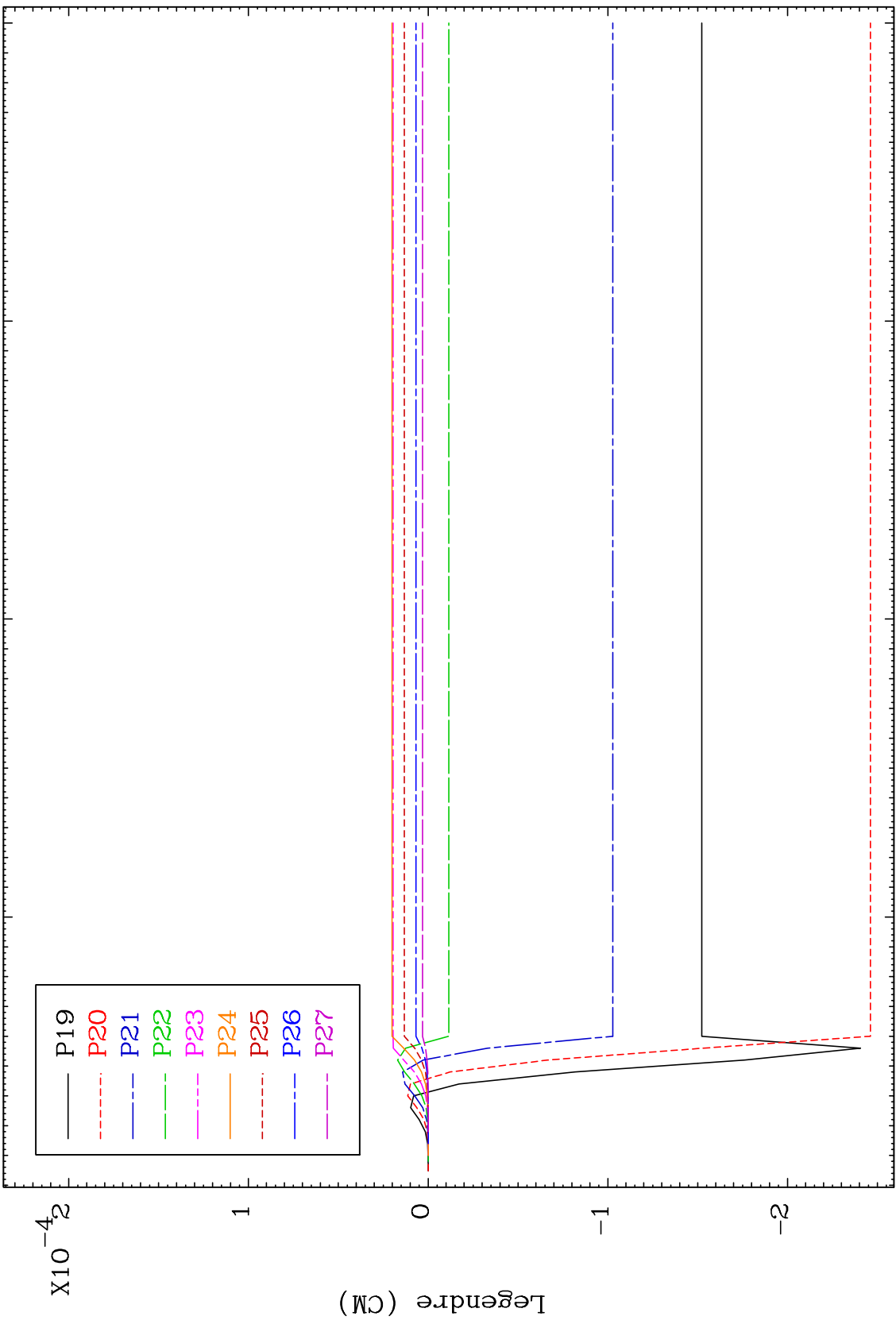
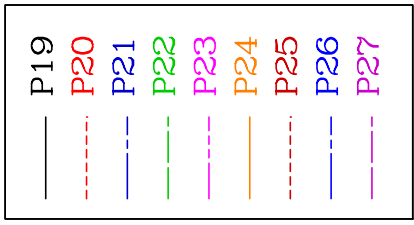




MAT 6995

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

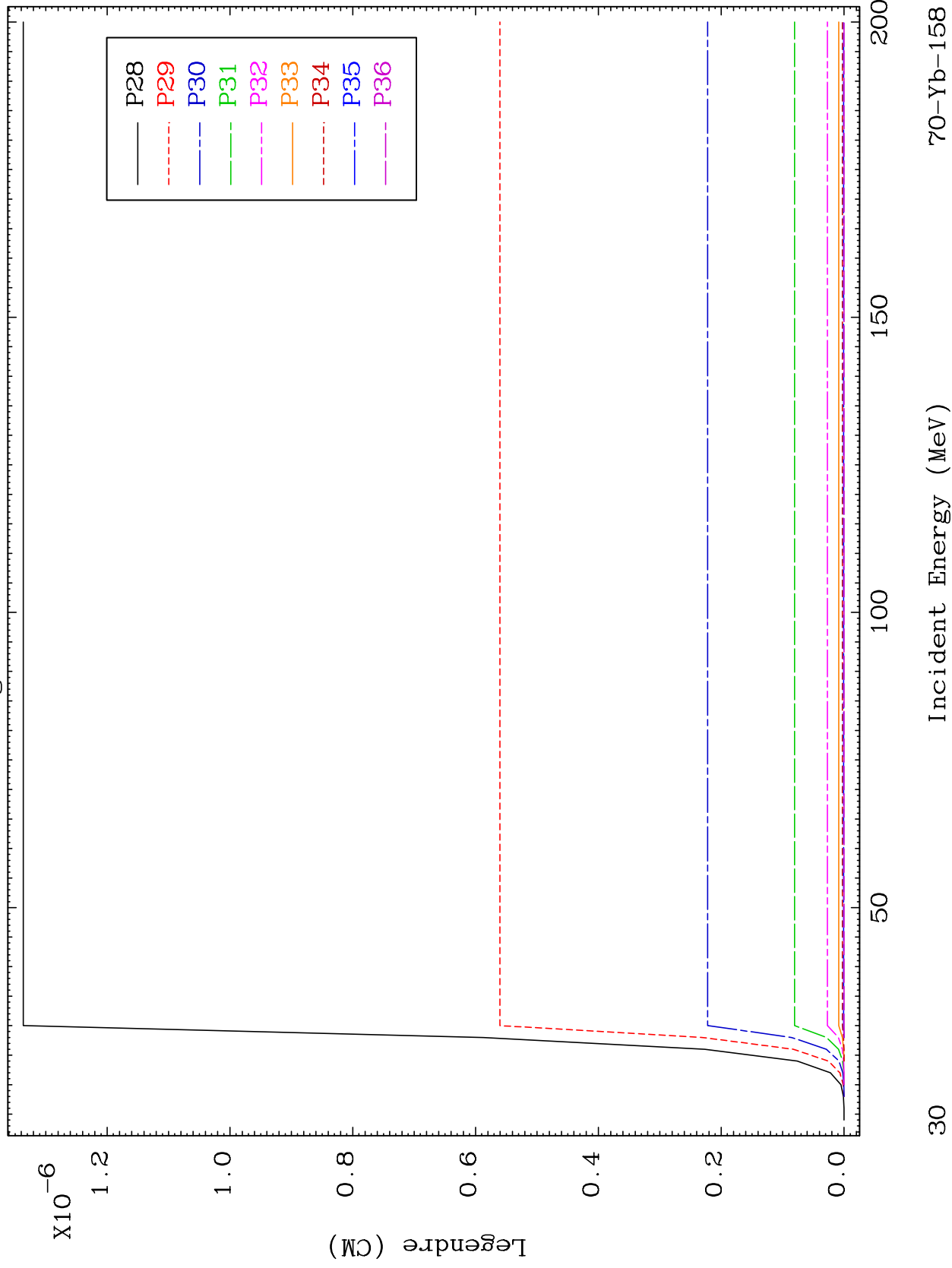
70-Yb-158



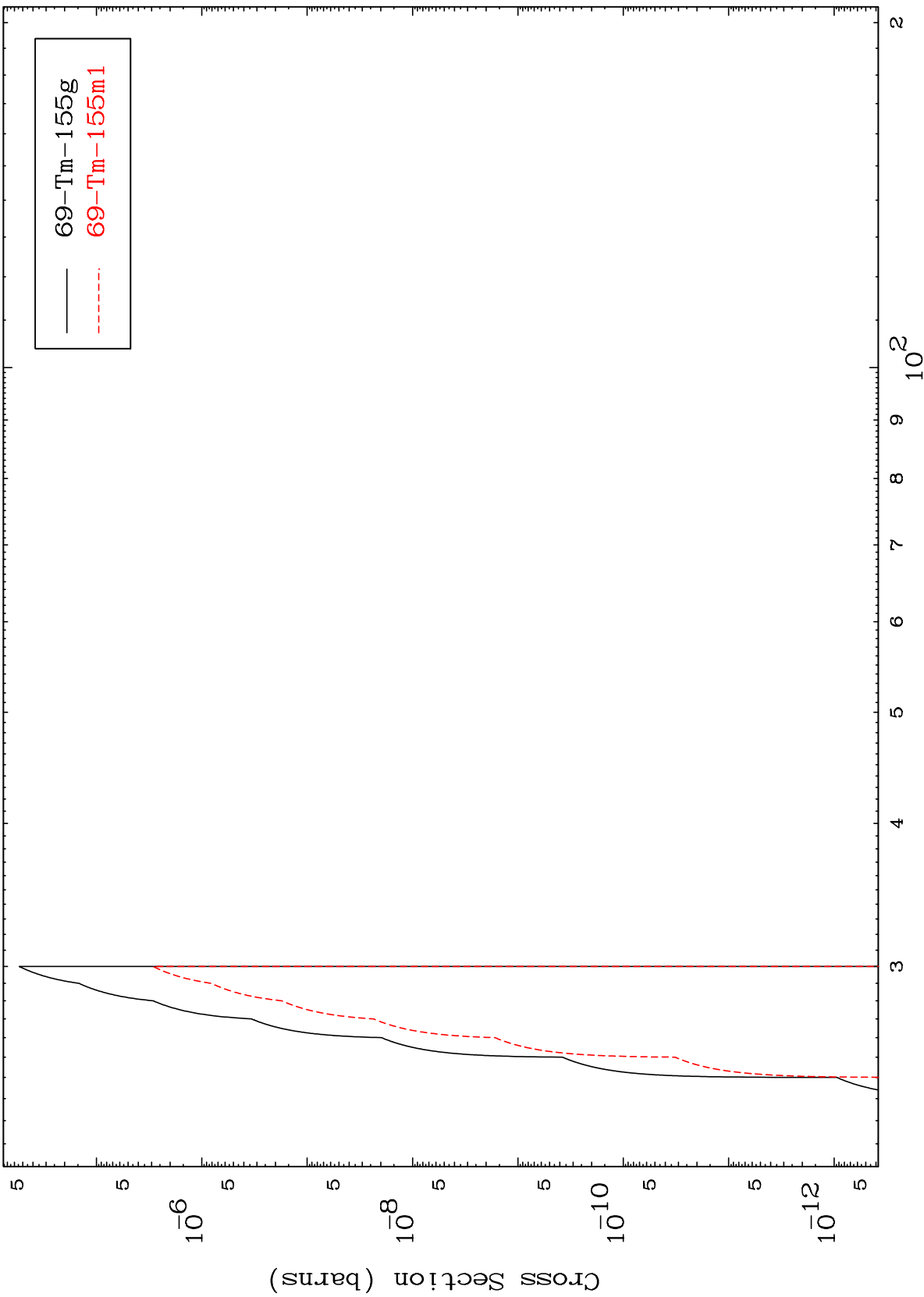
MAT 6995

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

70-Yb-158



Radionuclide Production Cross Section

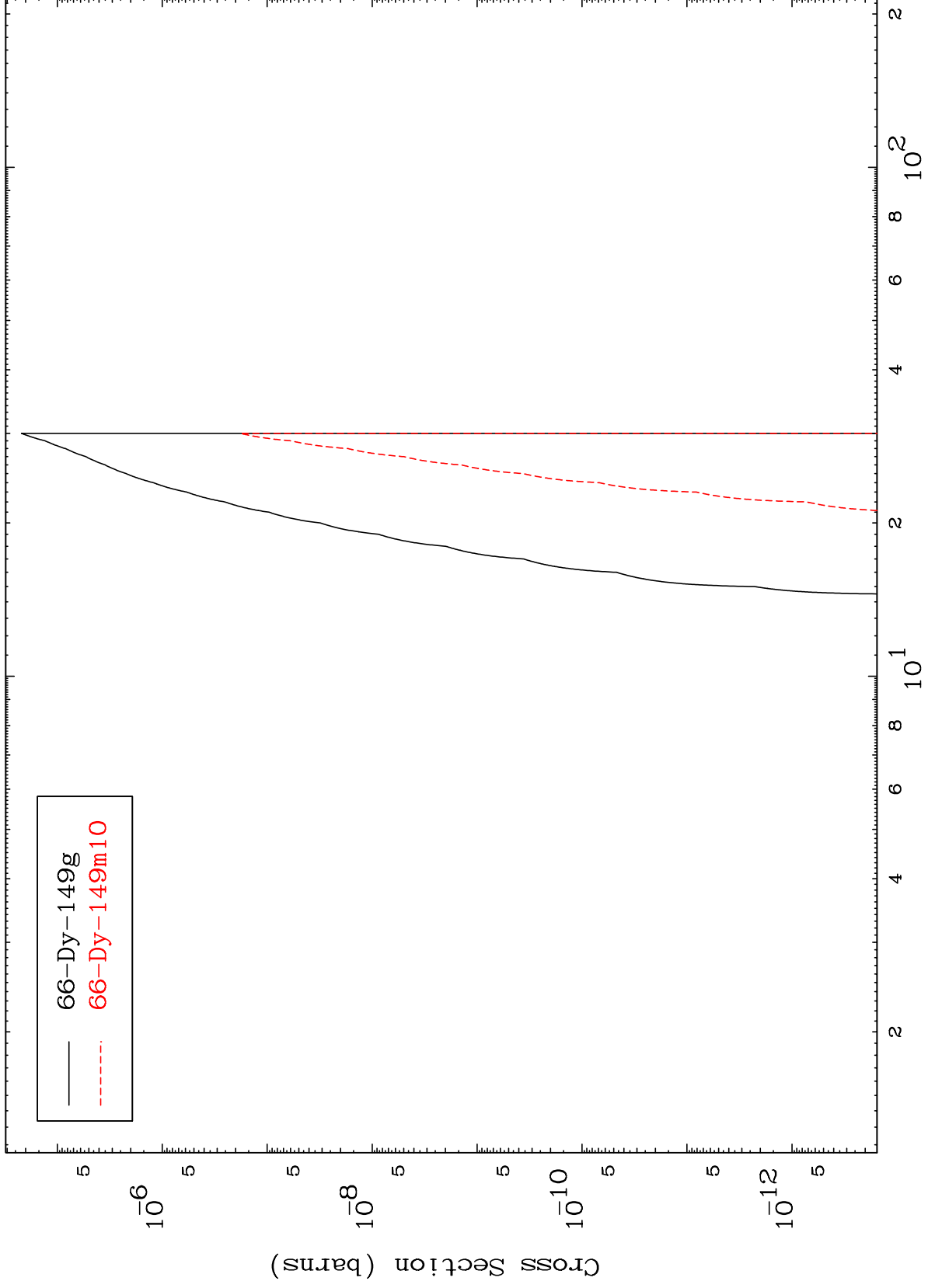


MAT 6995

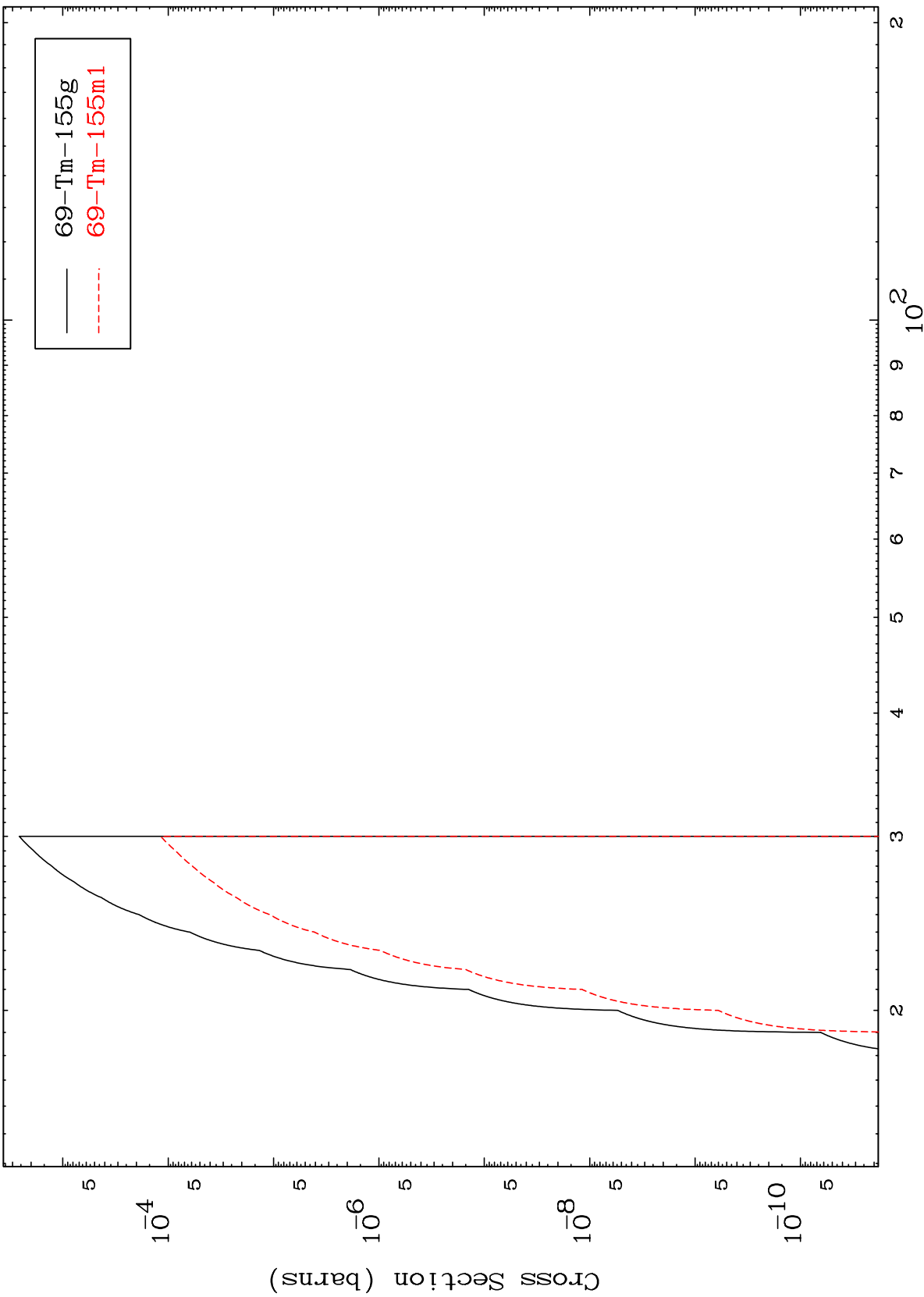
$(n,2n) 2\alpha$

$^{70}\text{Yb-158}$

Radionuclide Production Cross Section



Radionuclide Production Cross Section

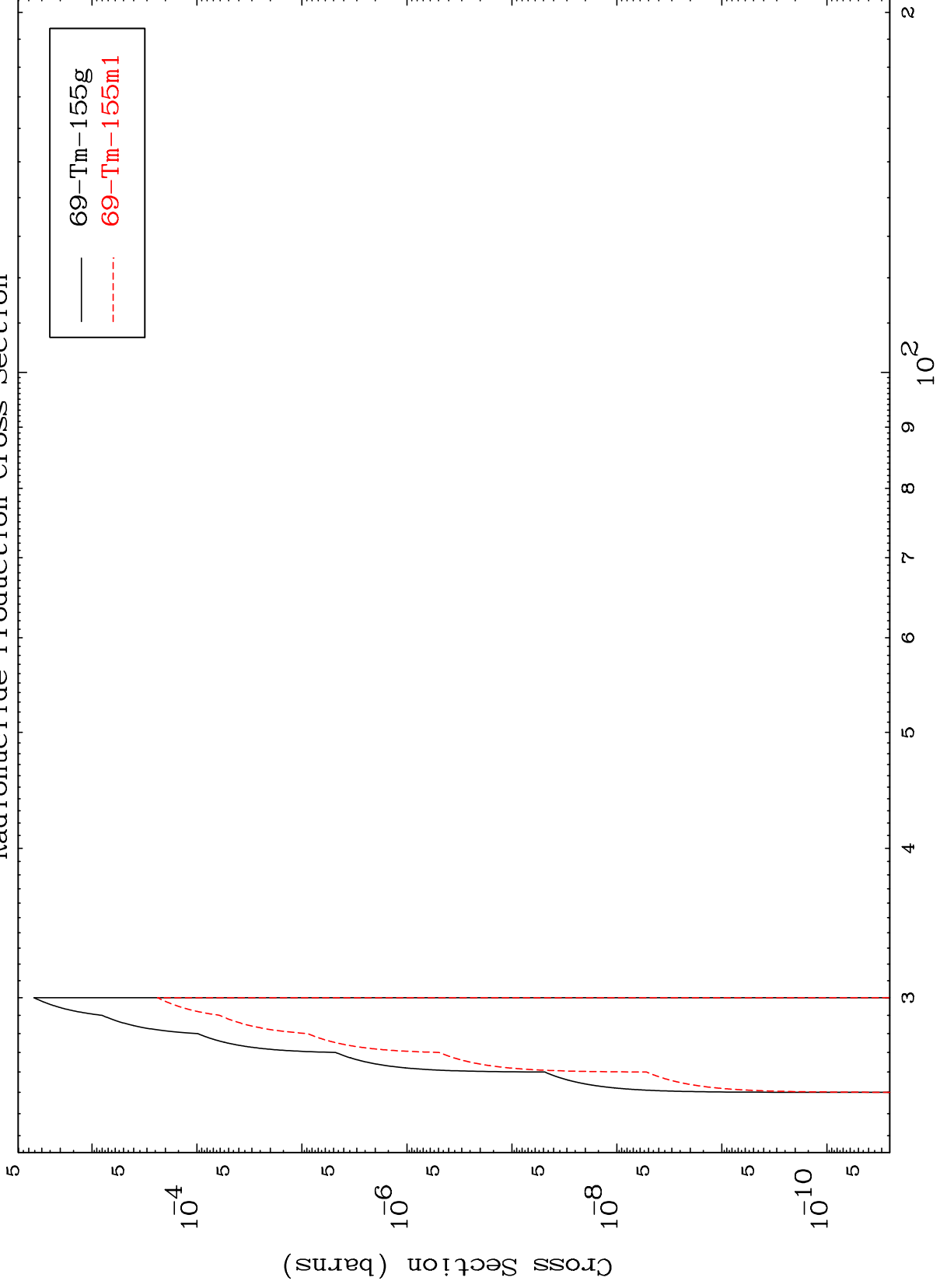


MAT 6995

(n,3n) p

70-Yb-158

Radionuclide Production Cross Section



34

Incident Energy (MeV)

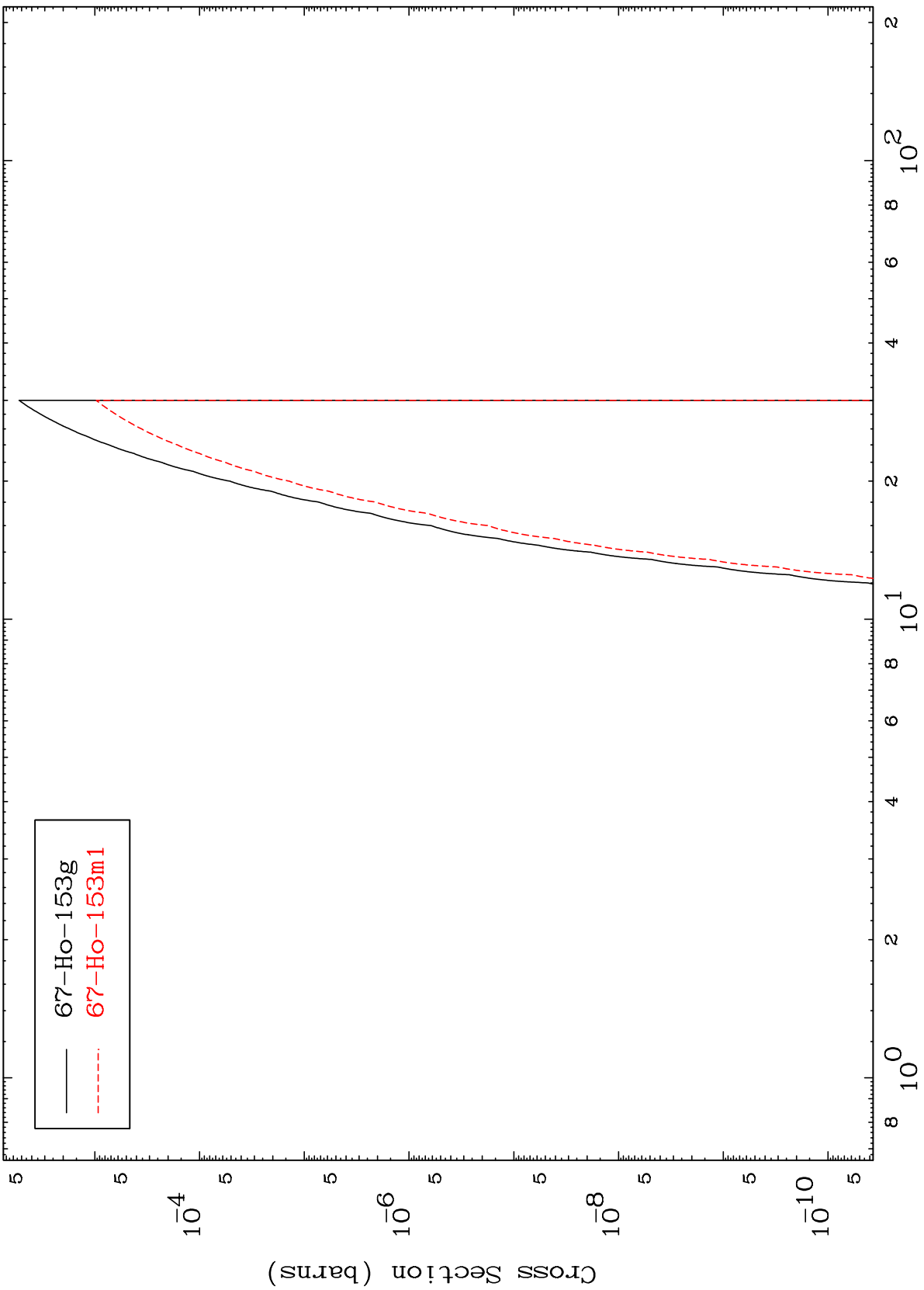
70-Yb-158

MAT 6995

(n,n') p α

70-Yb-158

Radionuclide Production Cross Section



35

Incident Energy (MeV)

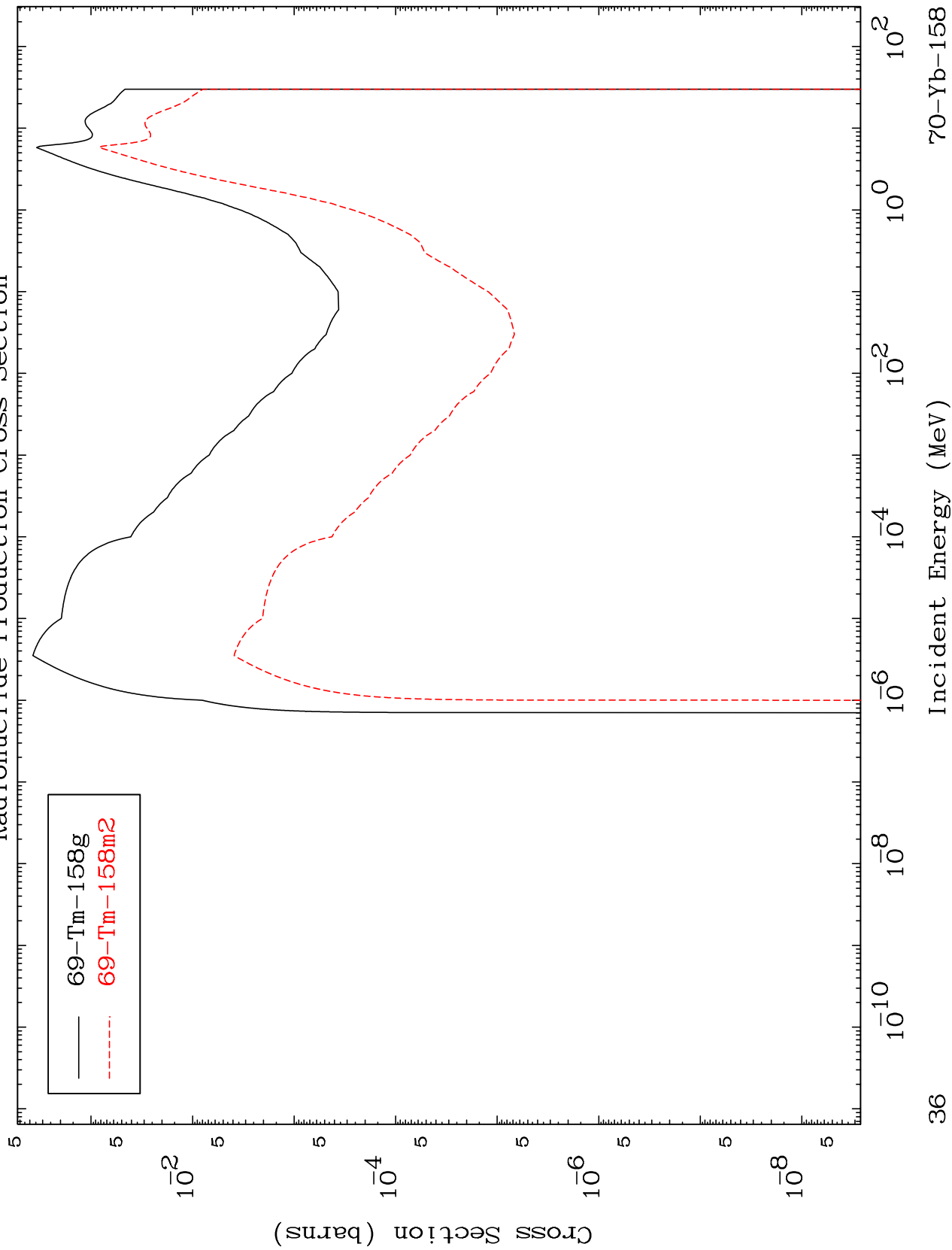
70-Yb-158

MAT 6995

(n,p)

70-Yb-158

Radionuclide Production Cross Section



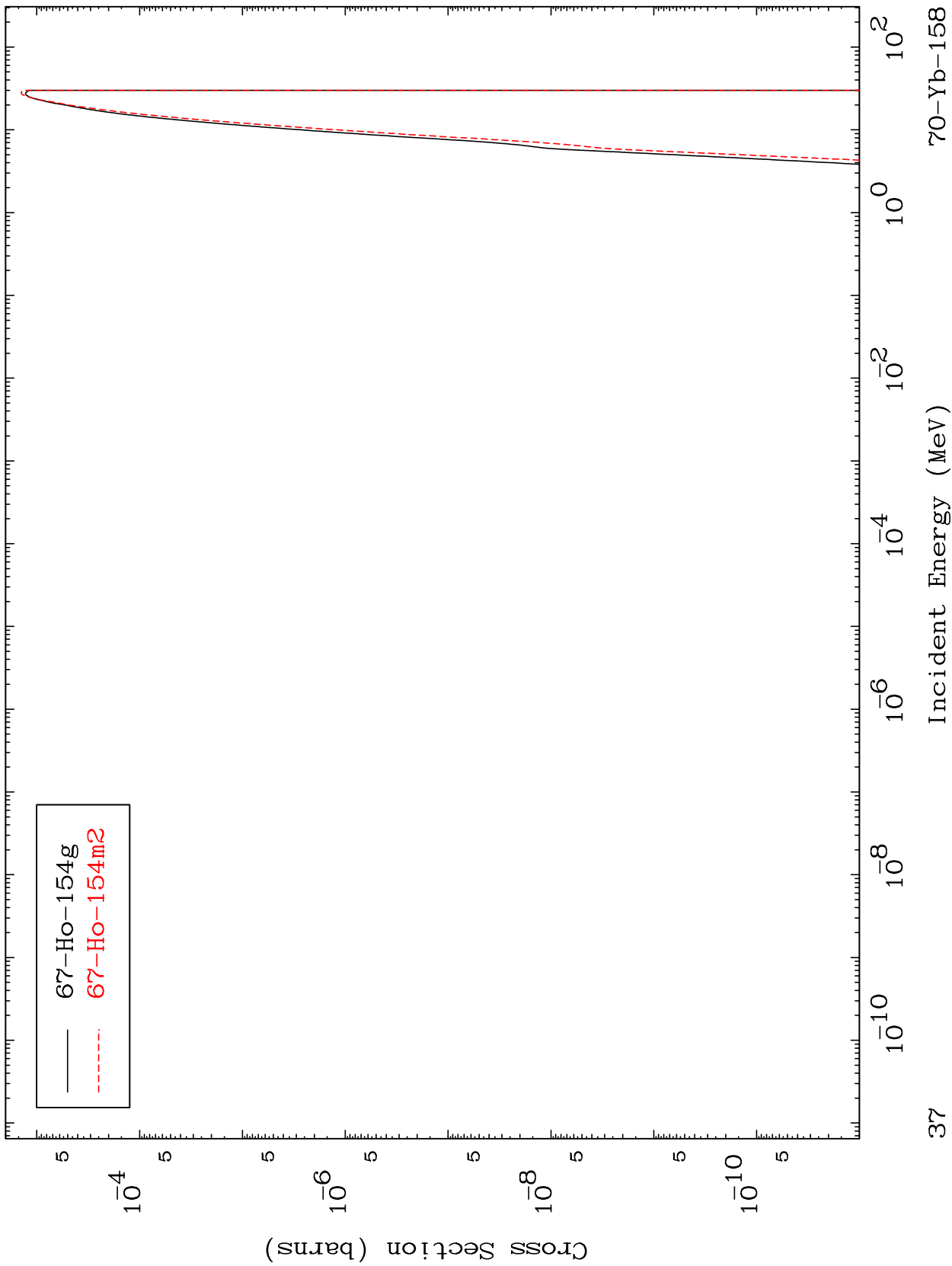
— 69-Tm-158g
- - - 69-Tm-158m2

MAT 6995

(n,p) α

70-Yb-158

Radionuclide Production Cross Section

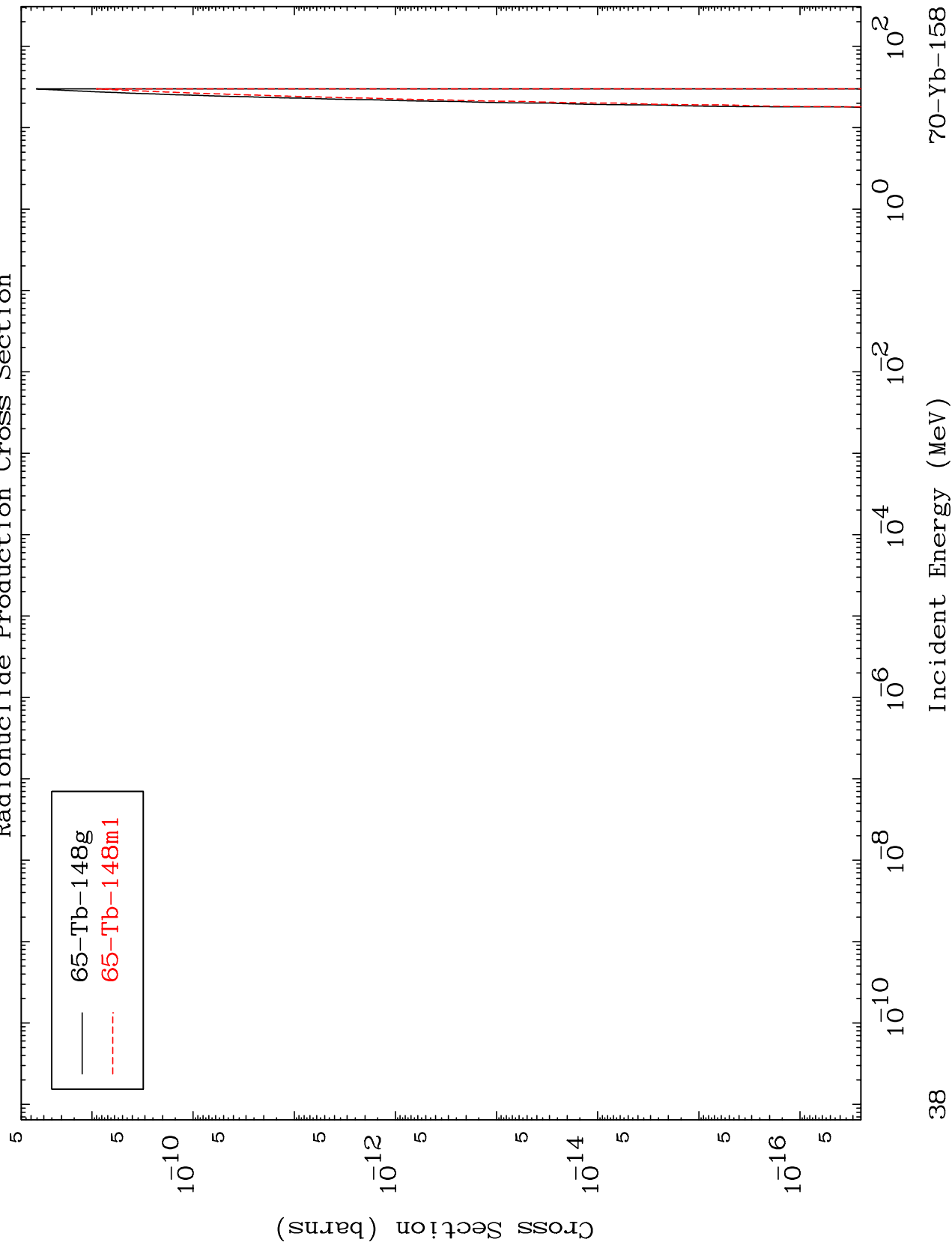


MAT 6995

(n, t) 2 α

70-Yb-158

Radionuclide Production Cross Section

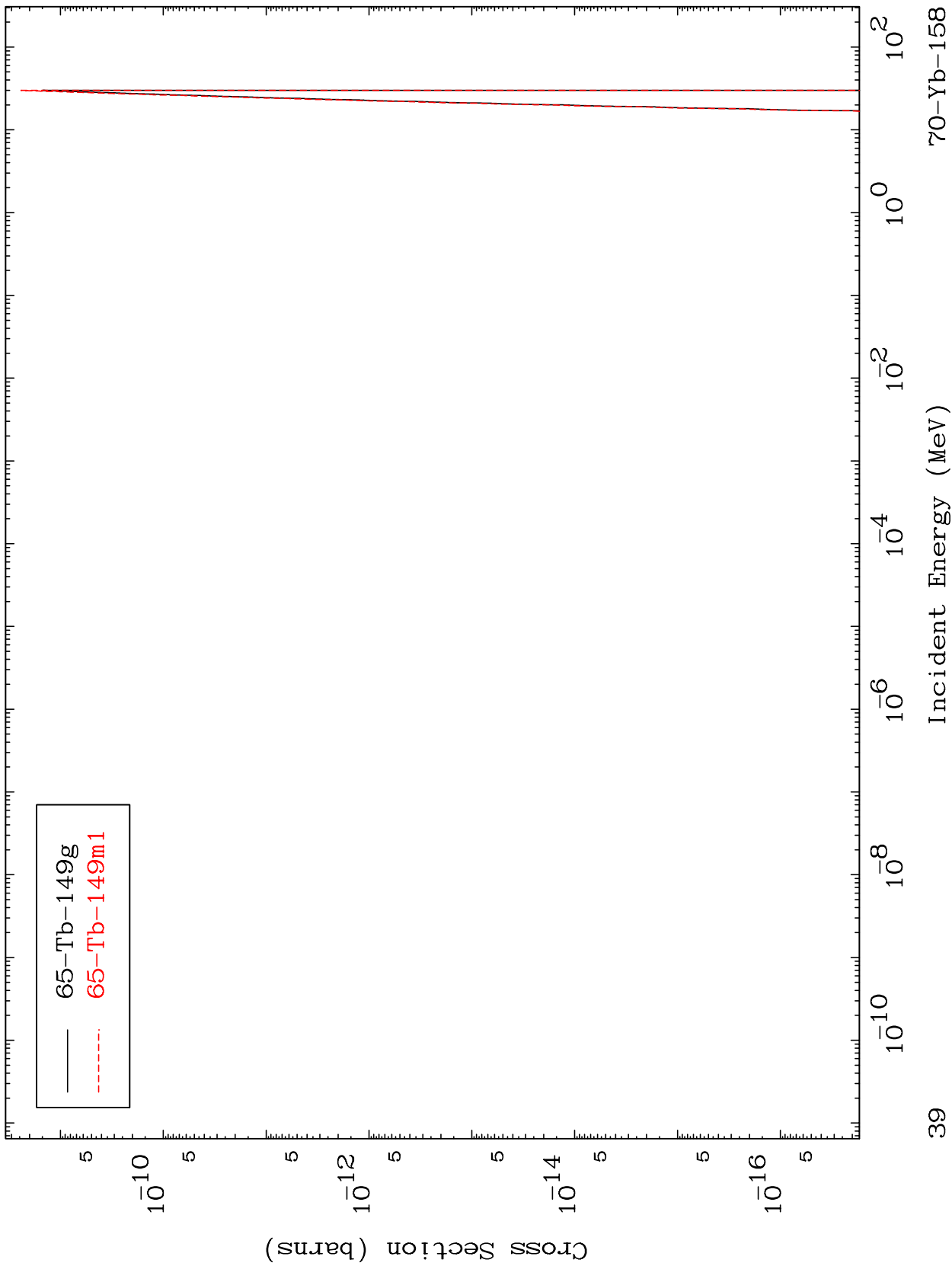


MAT 6995

(n,d) 2 α

70-Yb-158

Radionuclide Production Cross Section

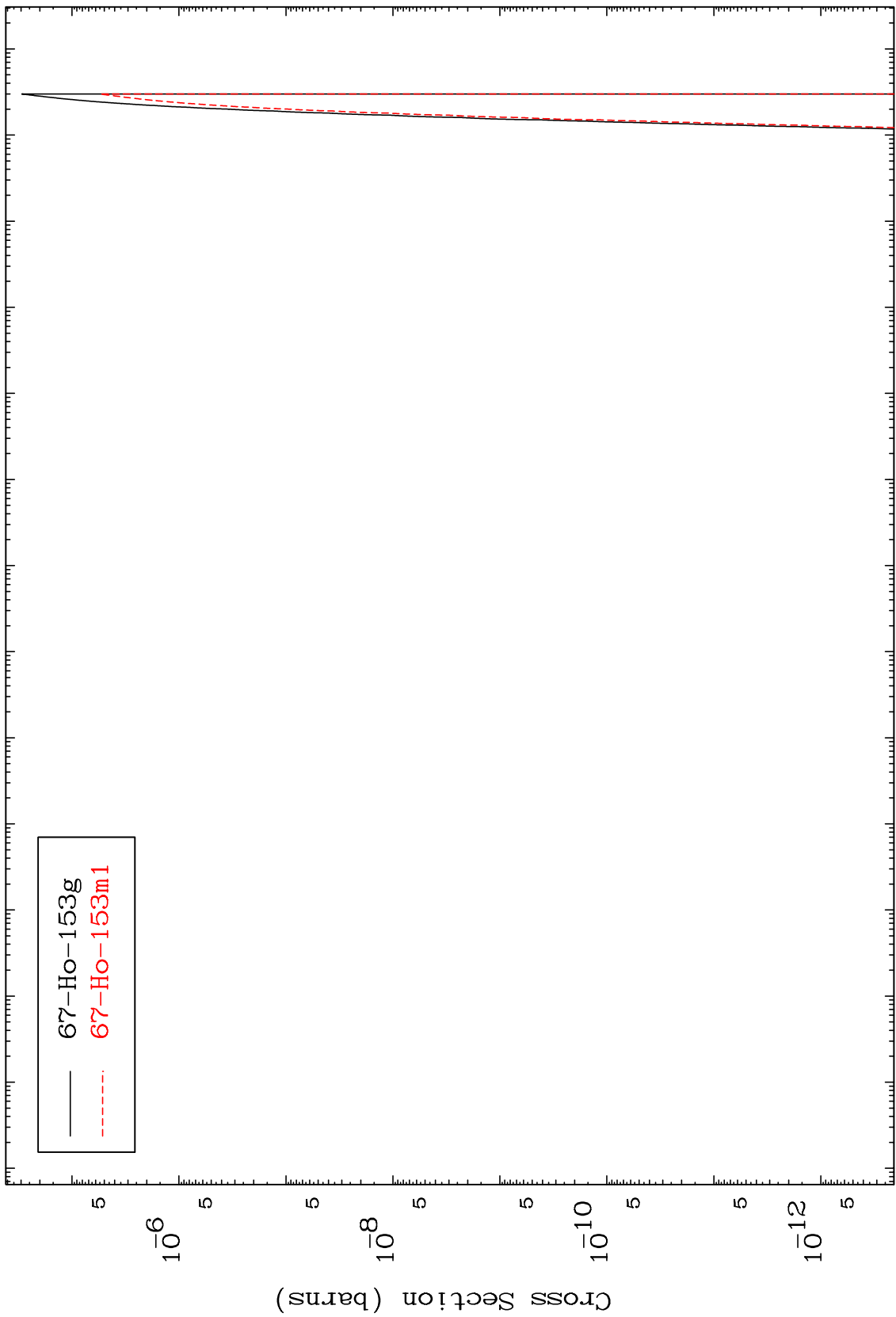
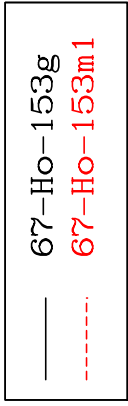


MAT 6995

(n,d) α

70-Yb-158

Radionuclide Production Cross Section



Incident Energy (MeV)

40

70-Yb-158