

Program EVALPLOT
(Version 2021-1)

by

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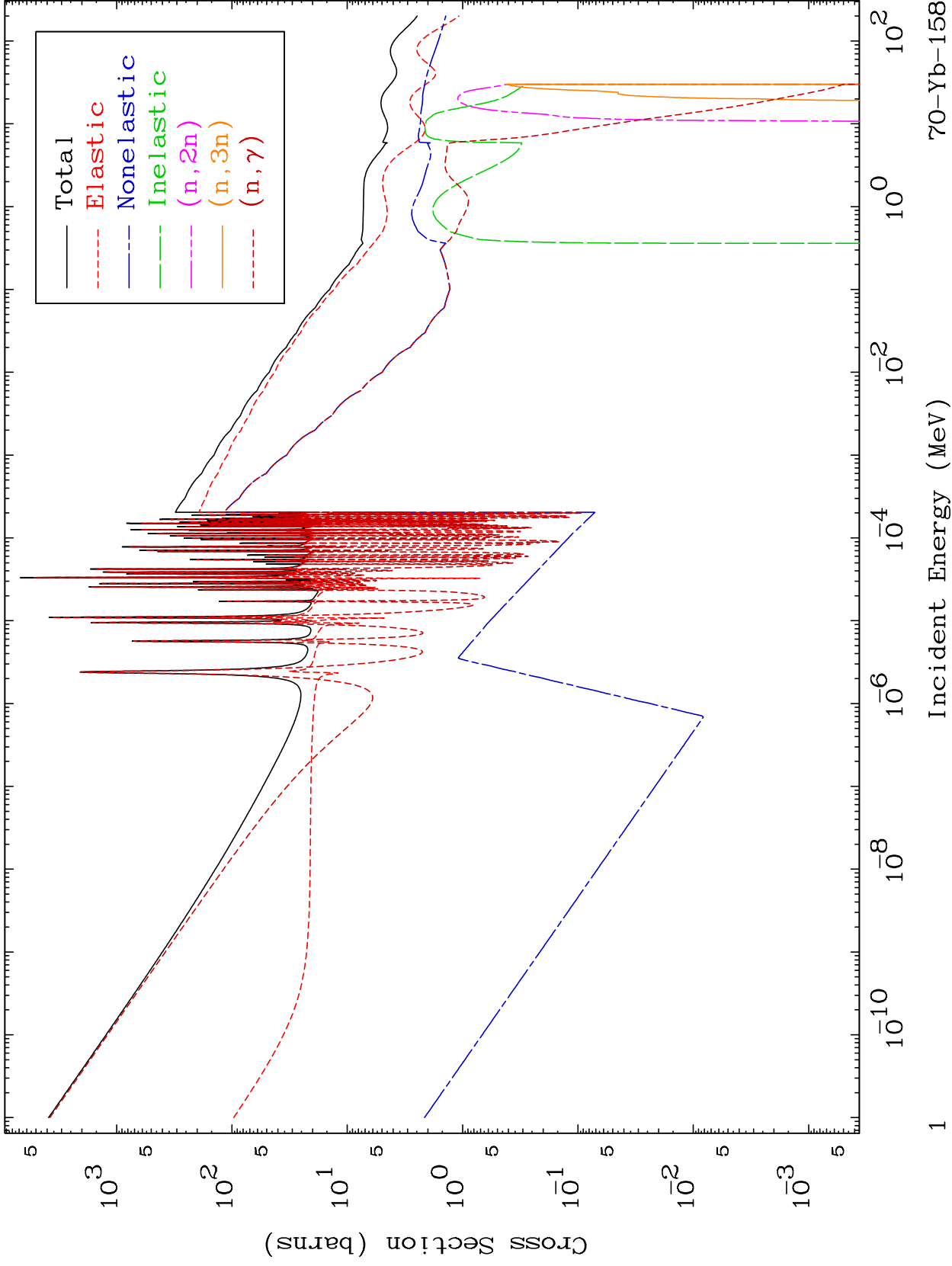
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Press Mouse Button to Start

MAT 6995

Neutron Major
293 Kelvin Cross Sections

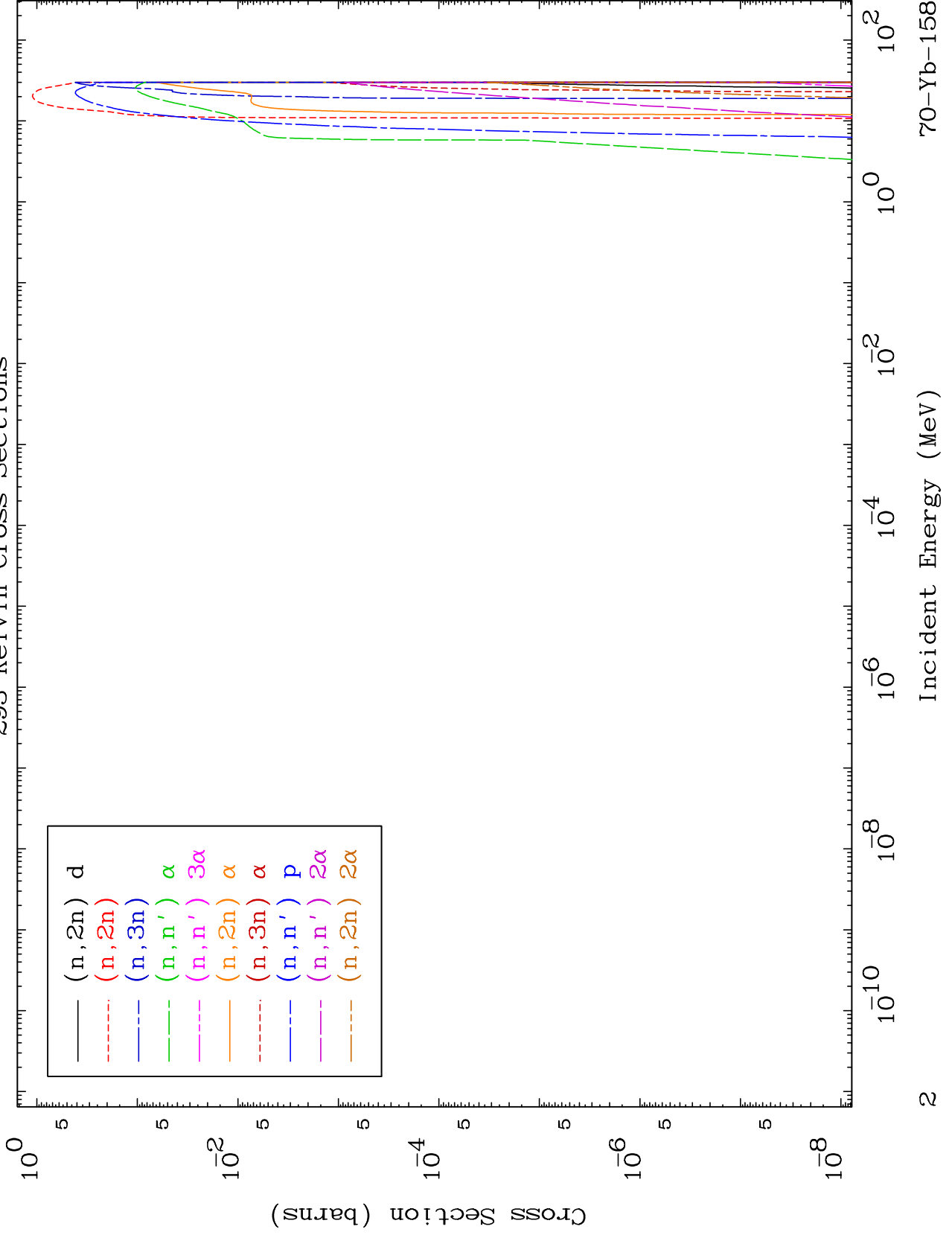
70-Yb-158



MAT 6995

Neutron Absorption
293 Kelvin Cross Sections

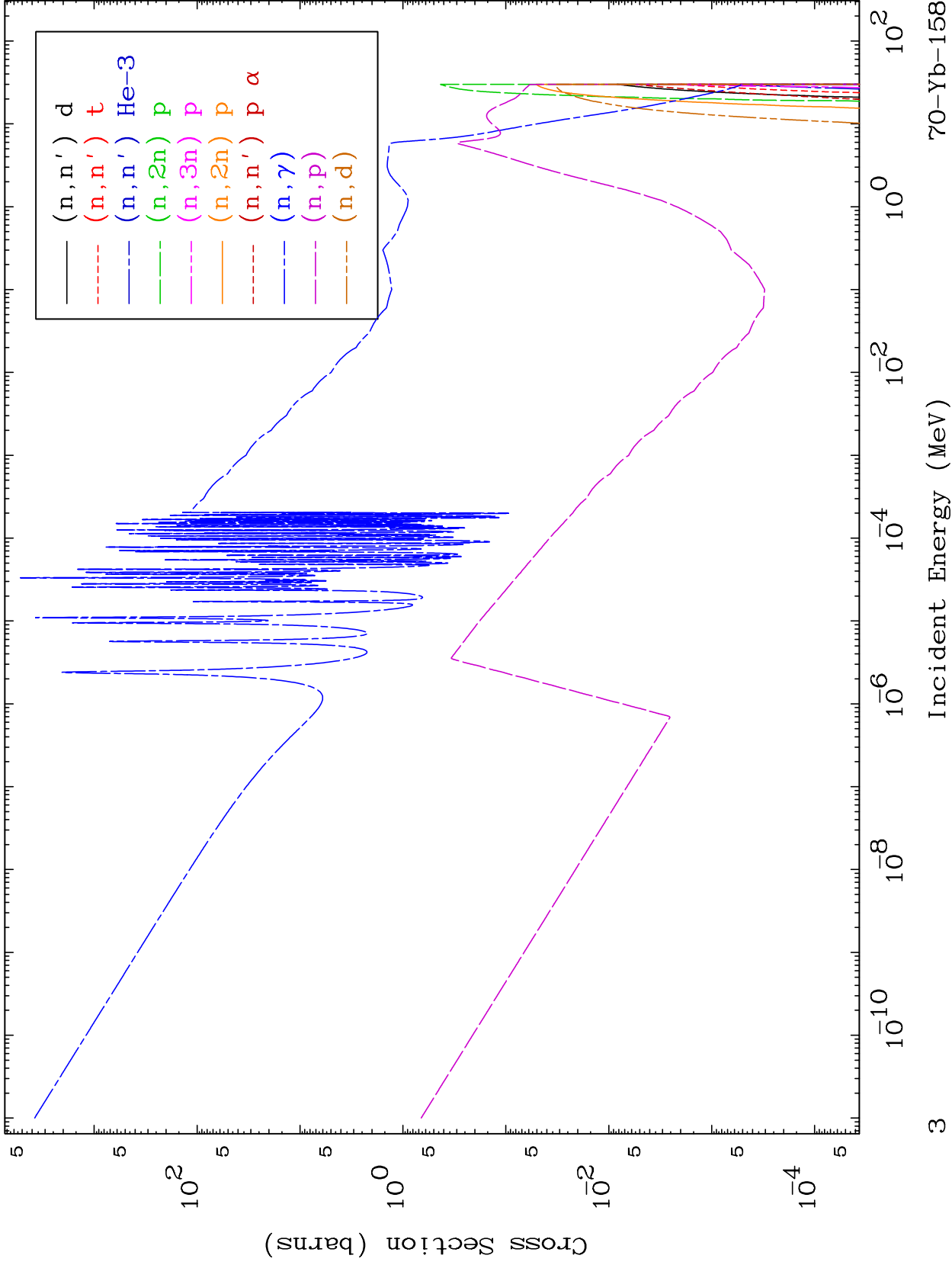
70-Yb-158



MAT 6995

Neutron Absorption
293 Kelvin Cross Sections

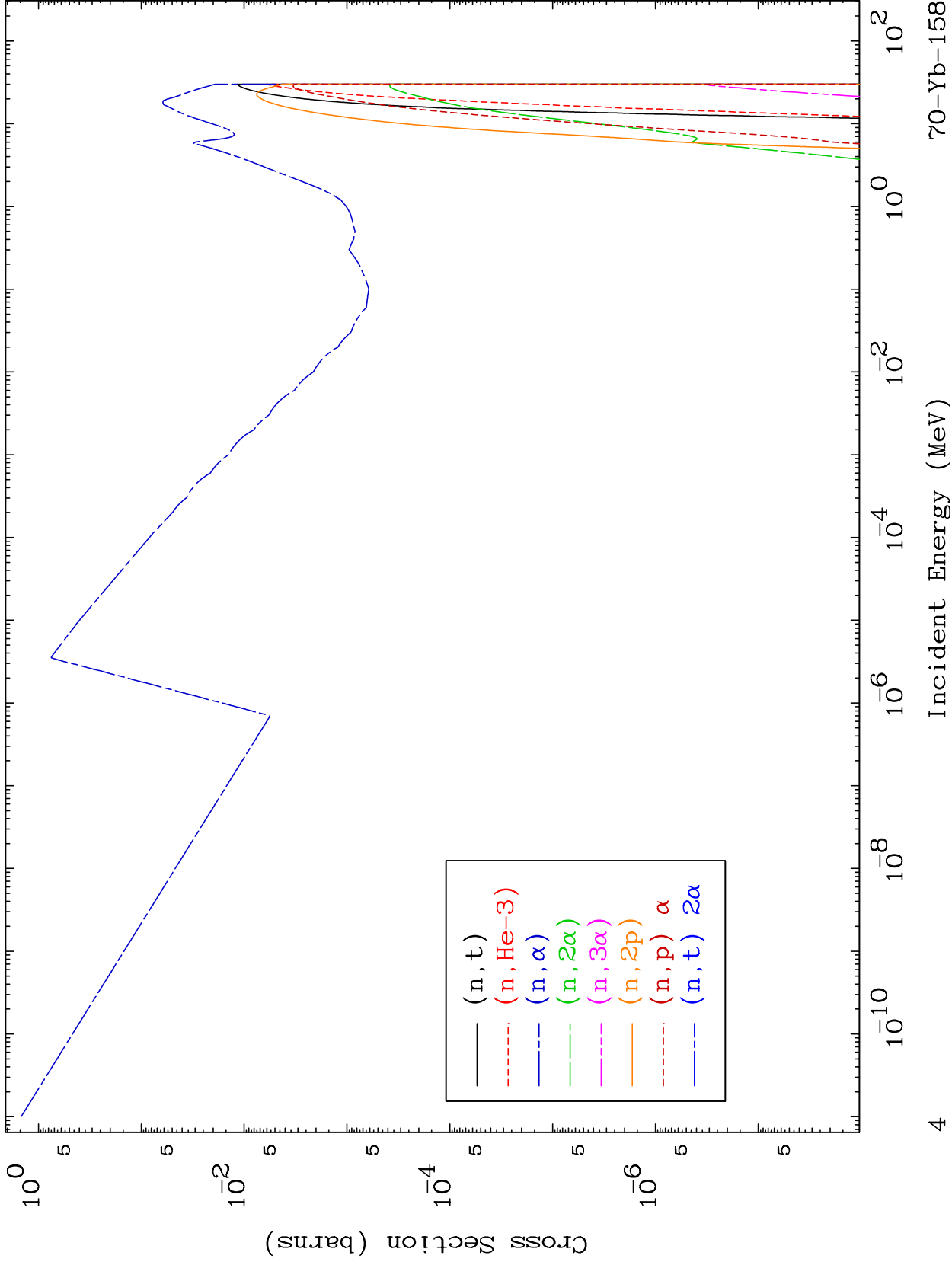
70-Yb-158



MAT 6995

Neutron Absorption
293 Kelvin Cross Sections

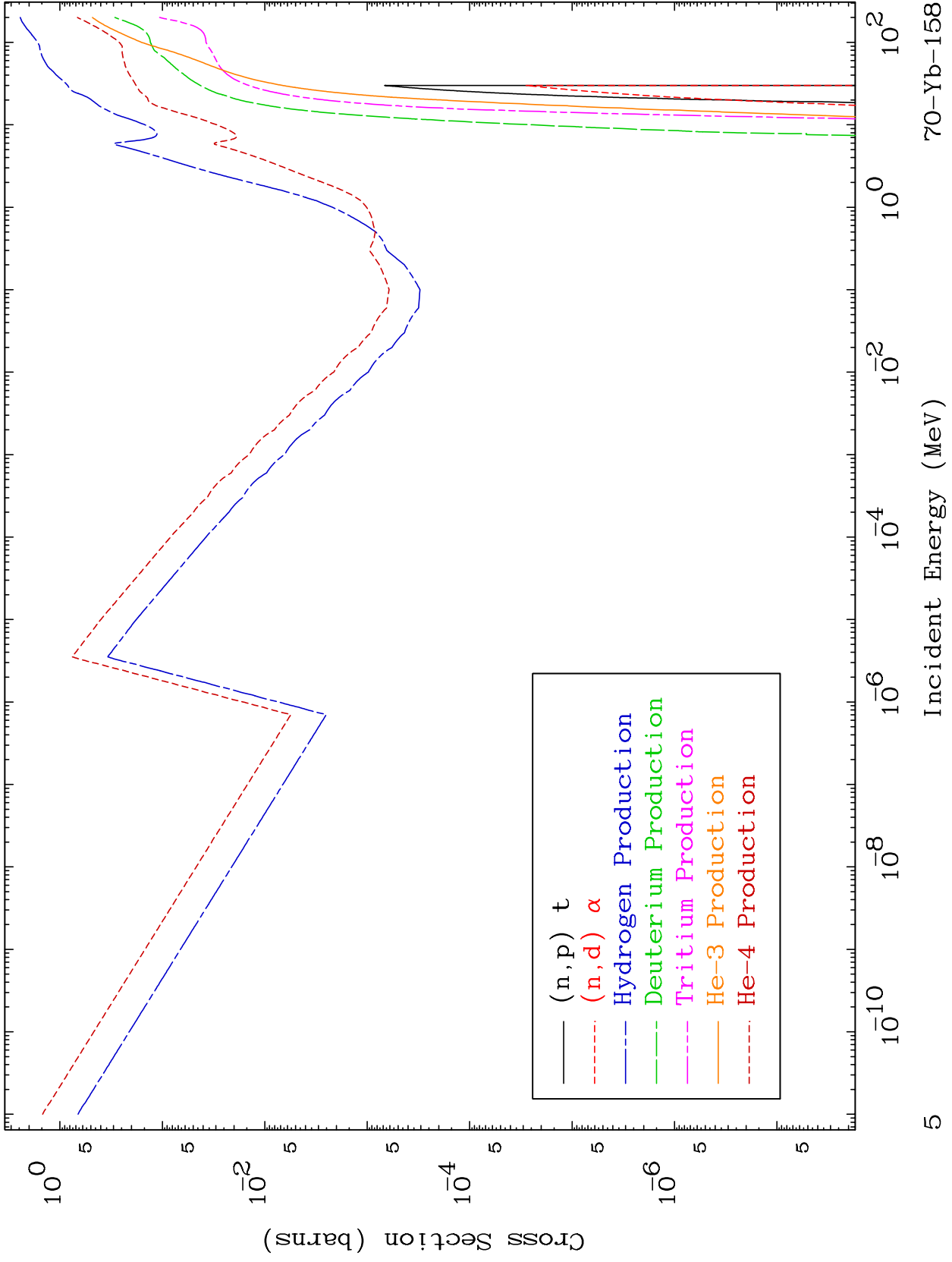
70-Yb-158



MAT 6995

Neutron Absorption
293 Kelvin Cross Sections

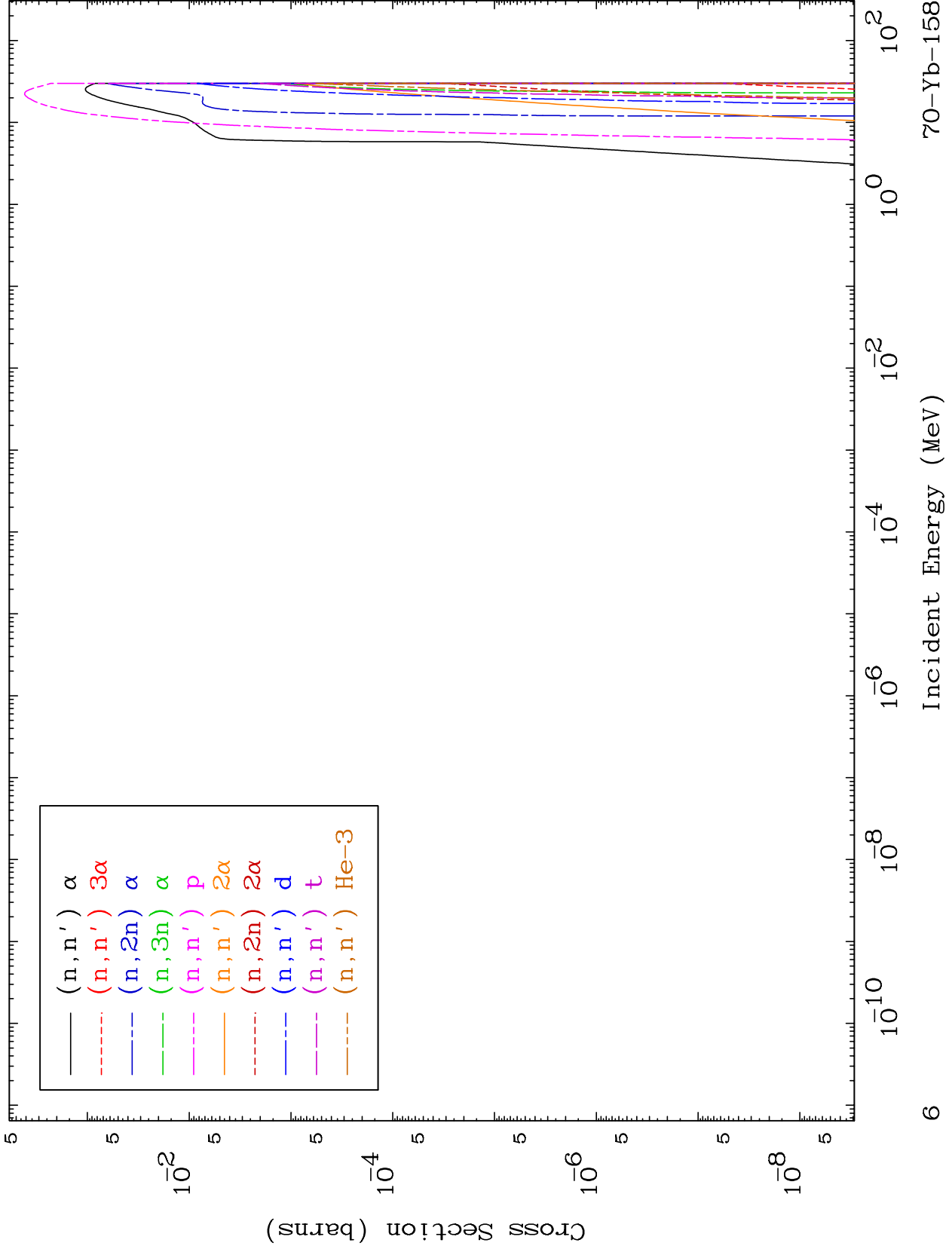
70-Yb-158



MAT 6995

Charged Particle
293 Kelvin Cross Sections

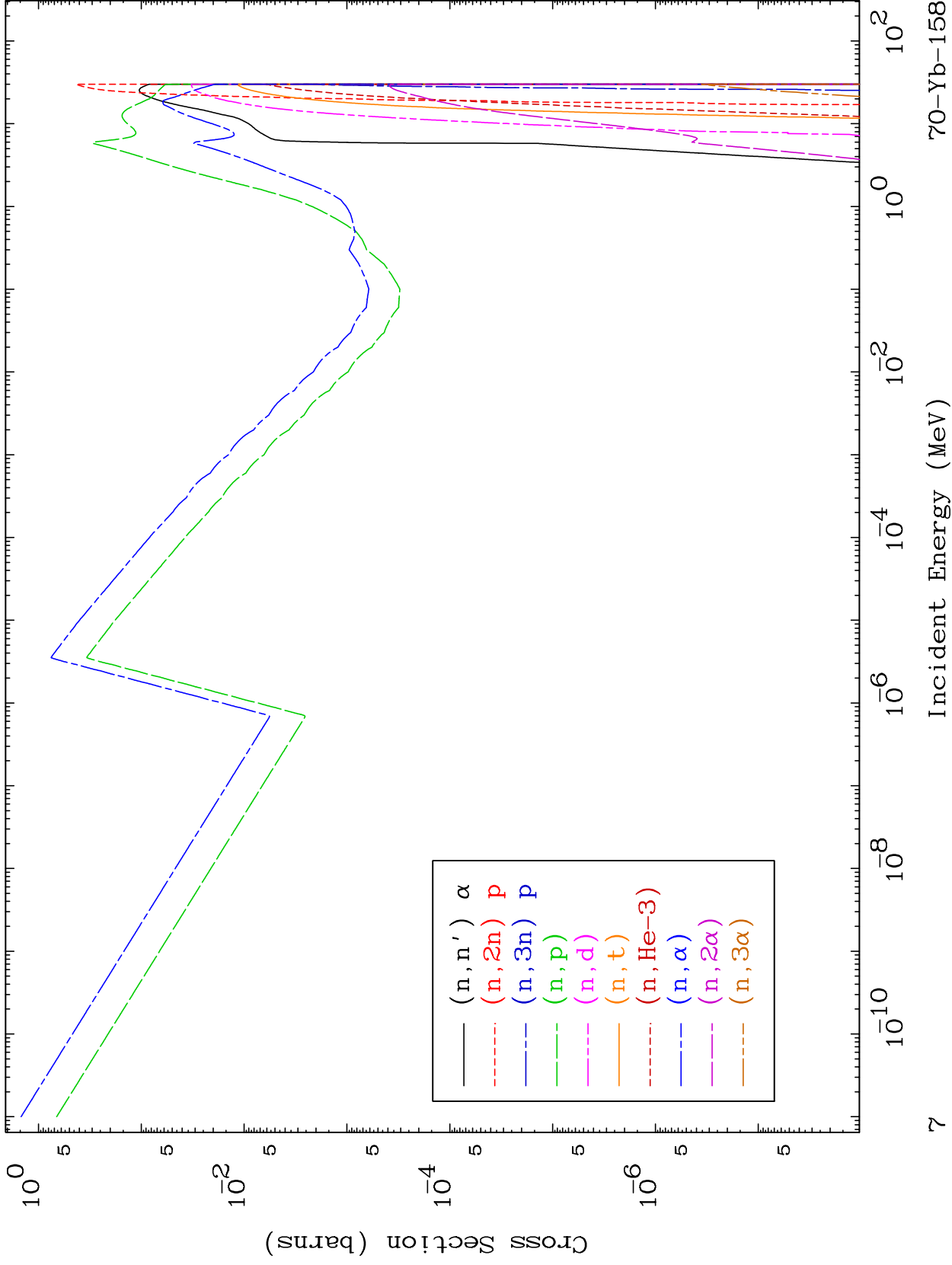
70-Yb-158



MAT 6995

Charged Particle
293 Kelvin Cross Sections

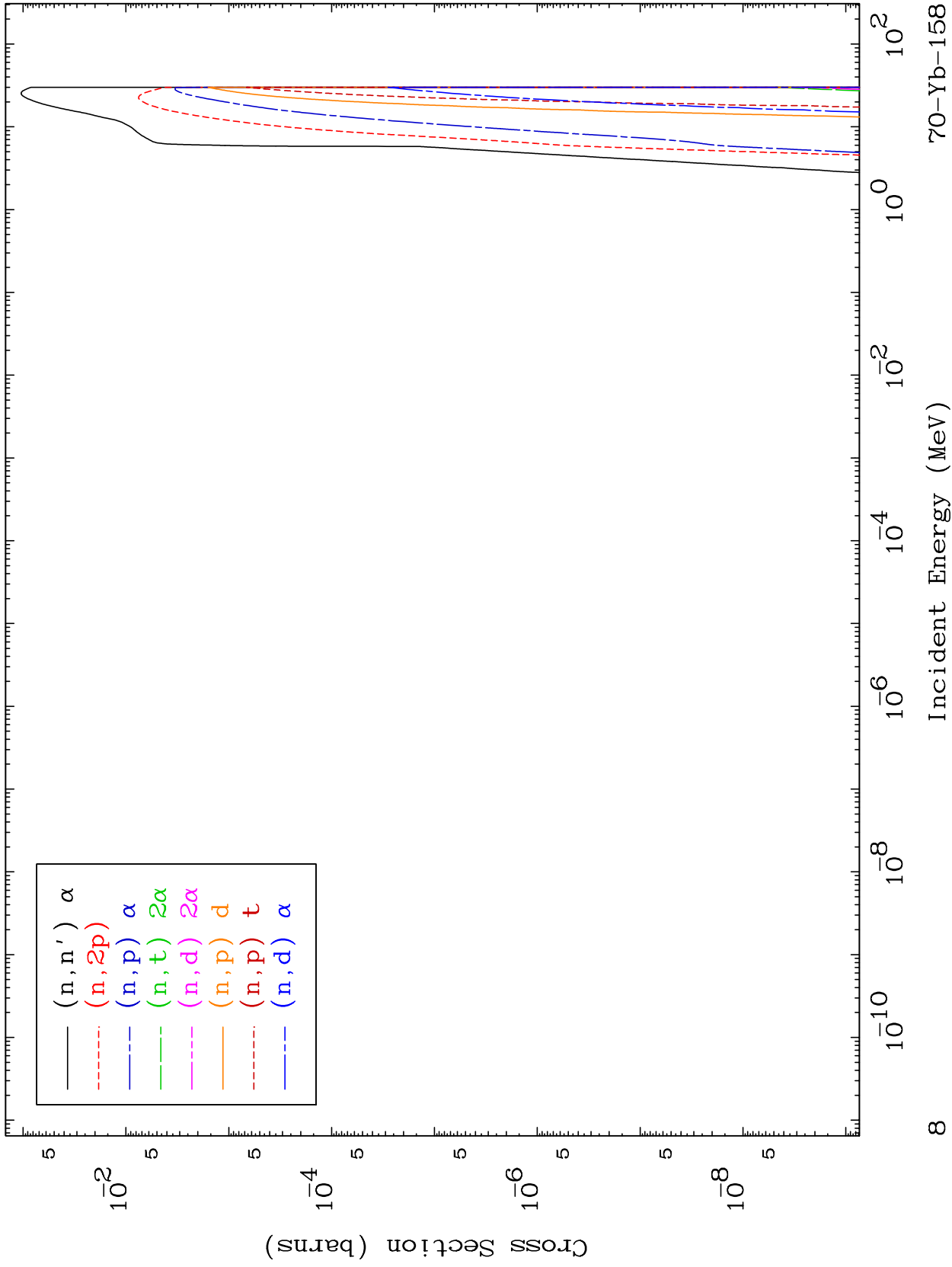
70-Yb-158



MAT 6995

Charged Particle
293 Kelvin Cross Sections

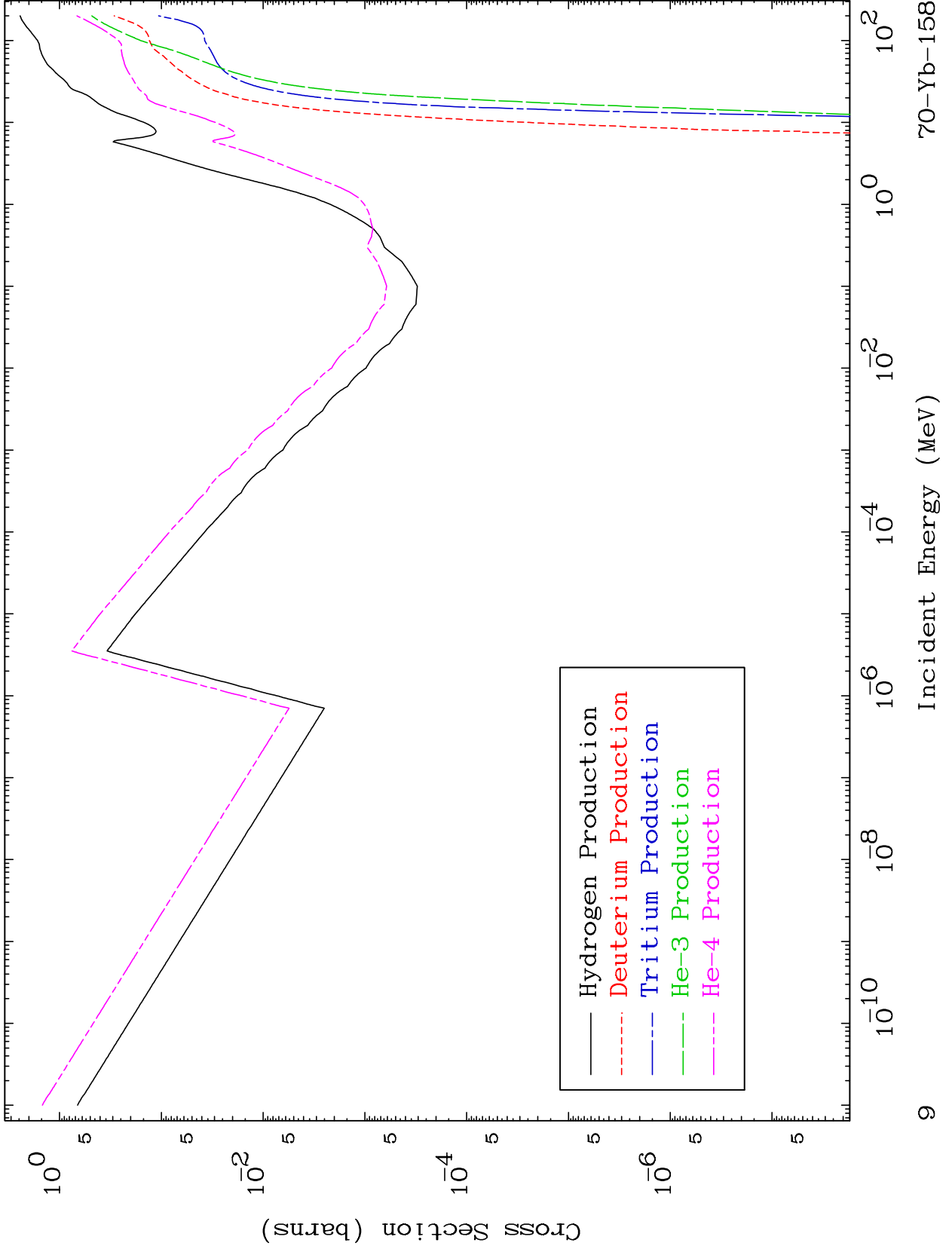
70-Yb-158



MAT 6995

Particle Production
293 Kelvin Cross Sections

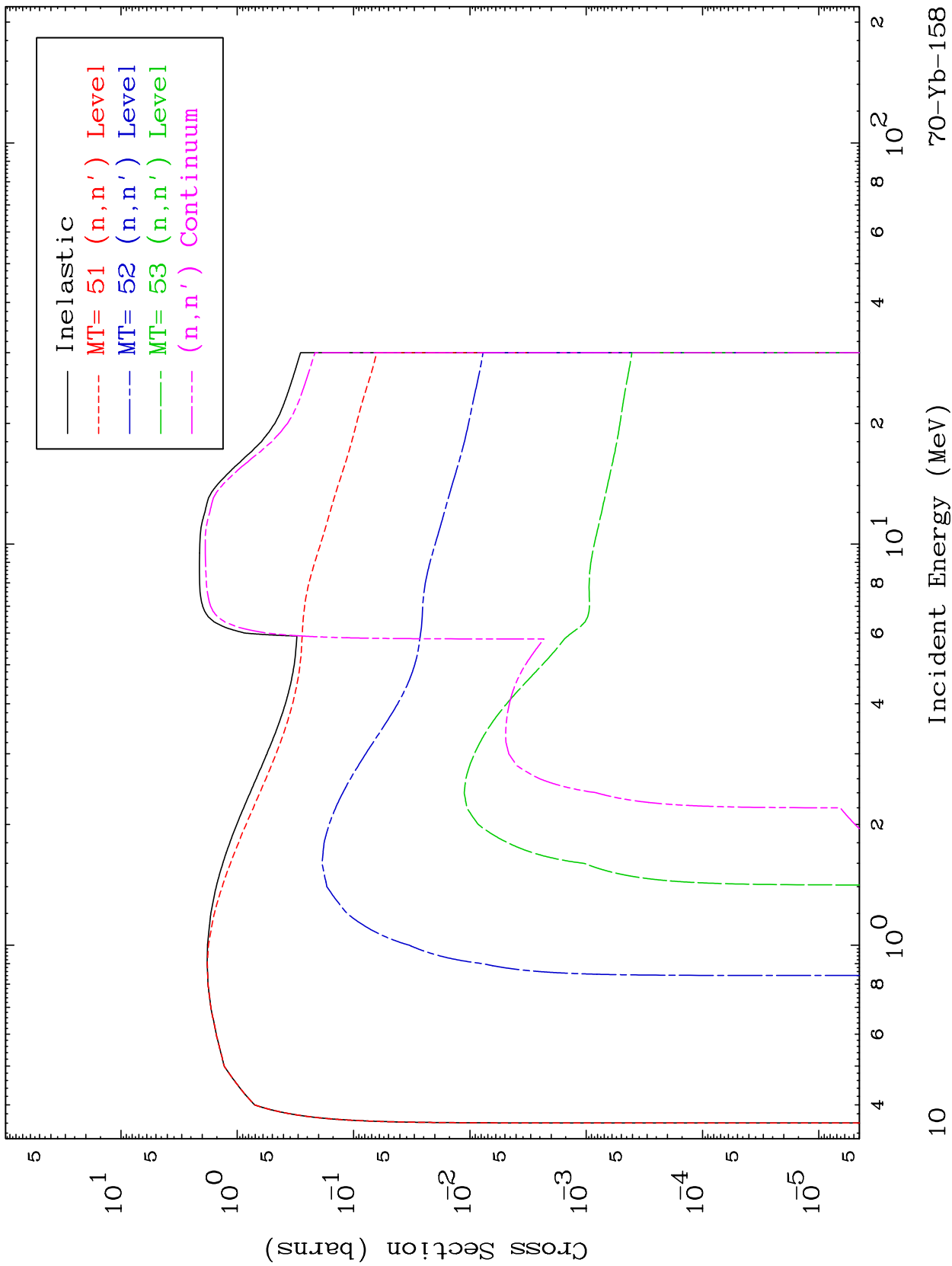
70-Yb-158



MAT 6995

(n,n') Levels
293 Kelvin Cross Sections

70-Yb-158



10

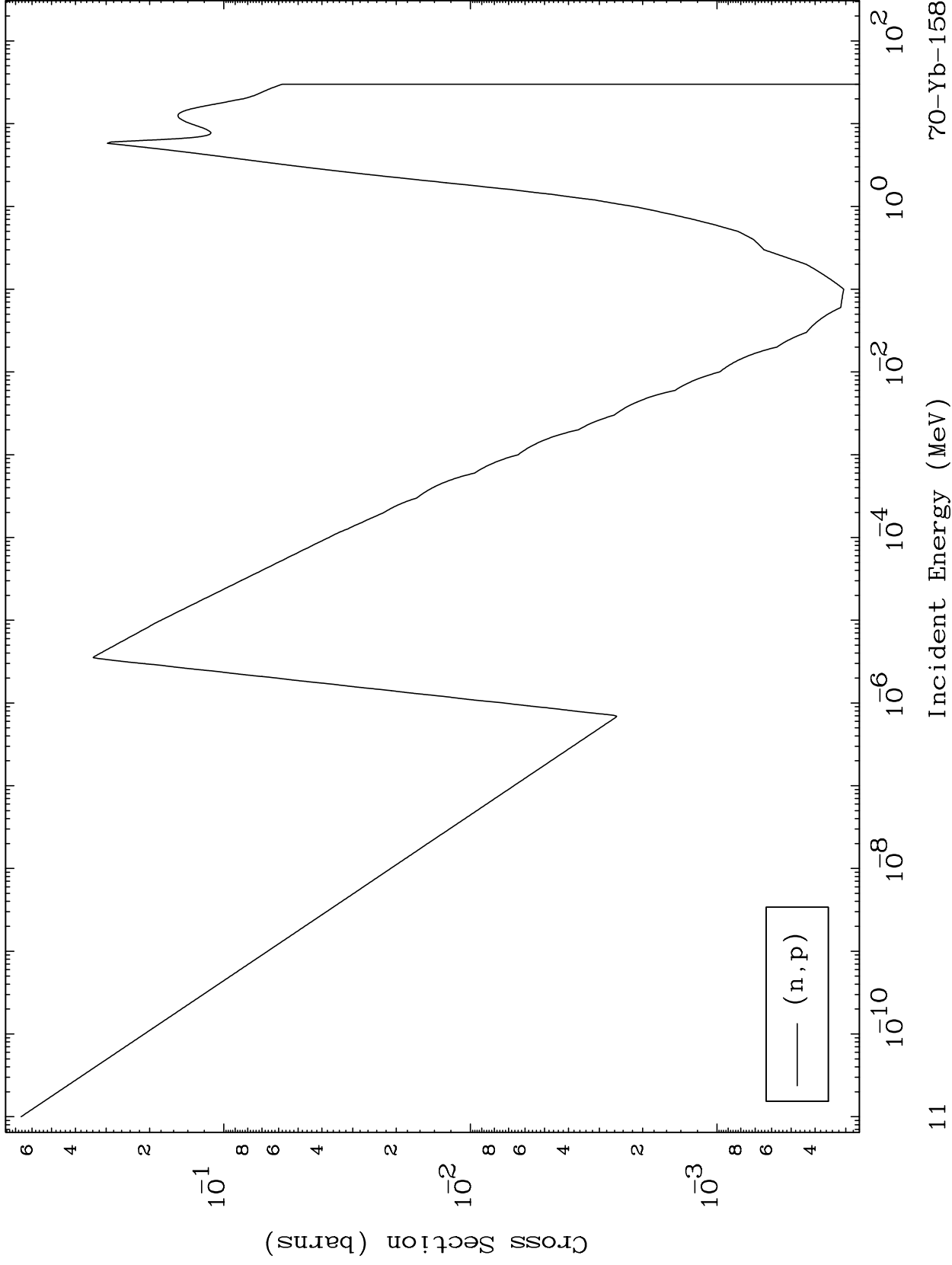
Incident Energy (MeV)

70-Yb-158

MAT 6995

(n,p) Levels
293 Kelvin Cross Sections

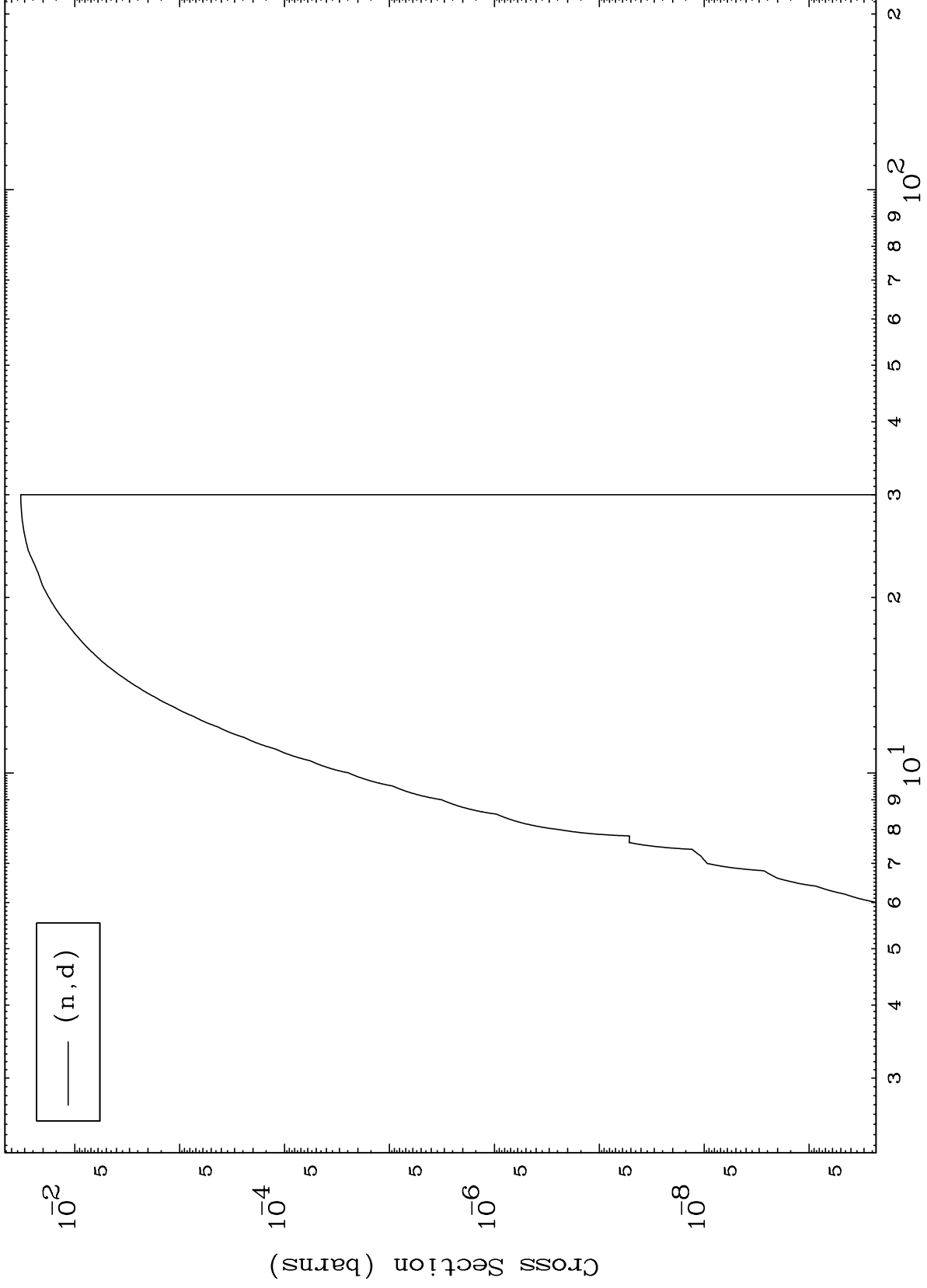
70-Yb-158



MAT 6995

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-158



12

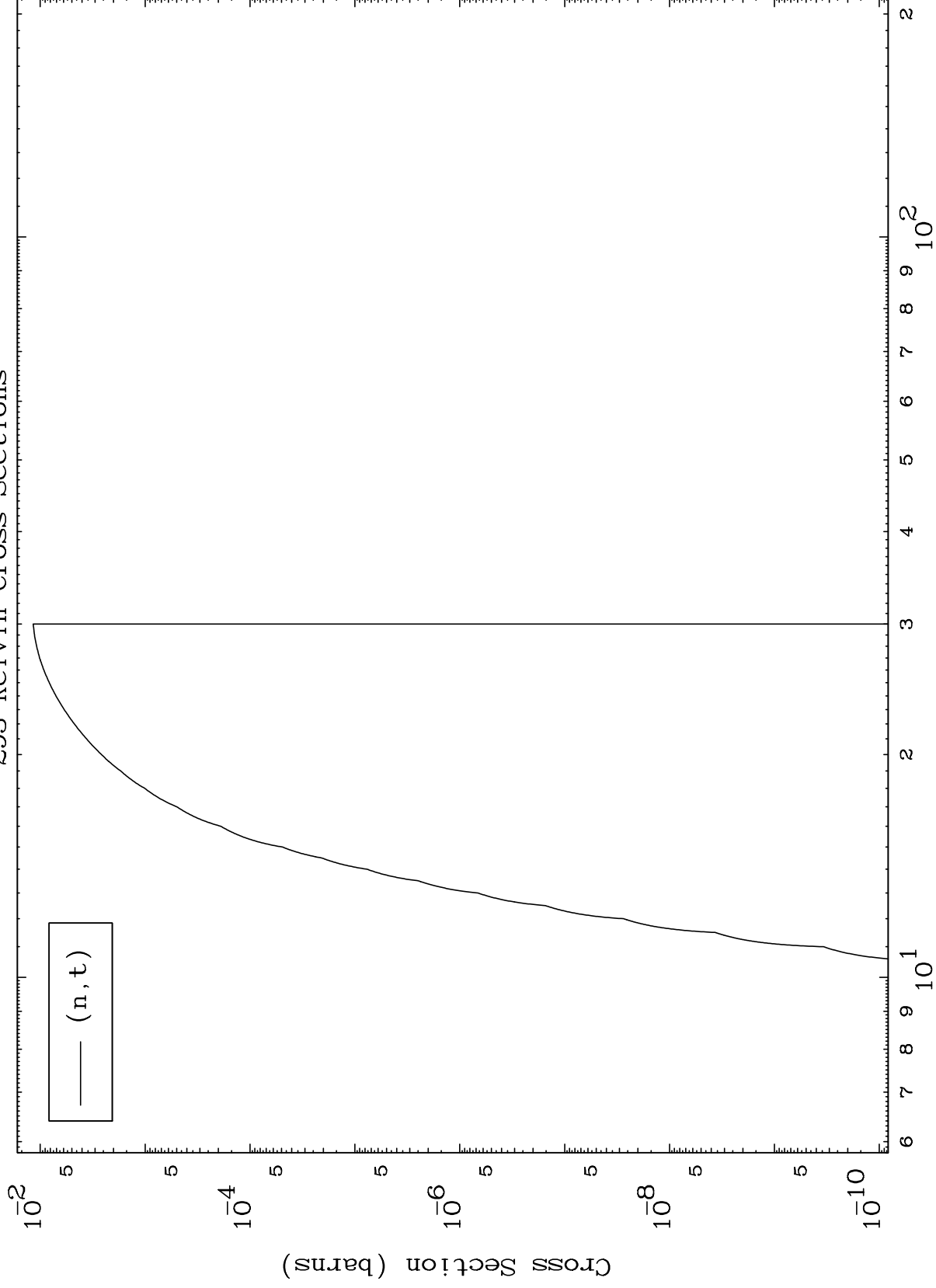
Incident Energy (MeV)

70-Yb-158

MAT 6995

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-158



13

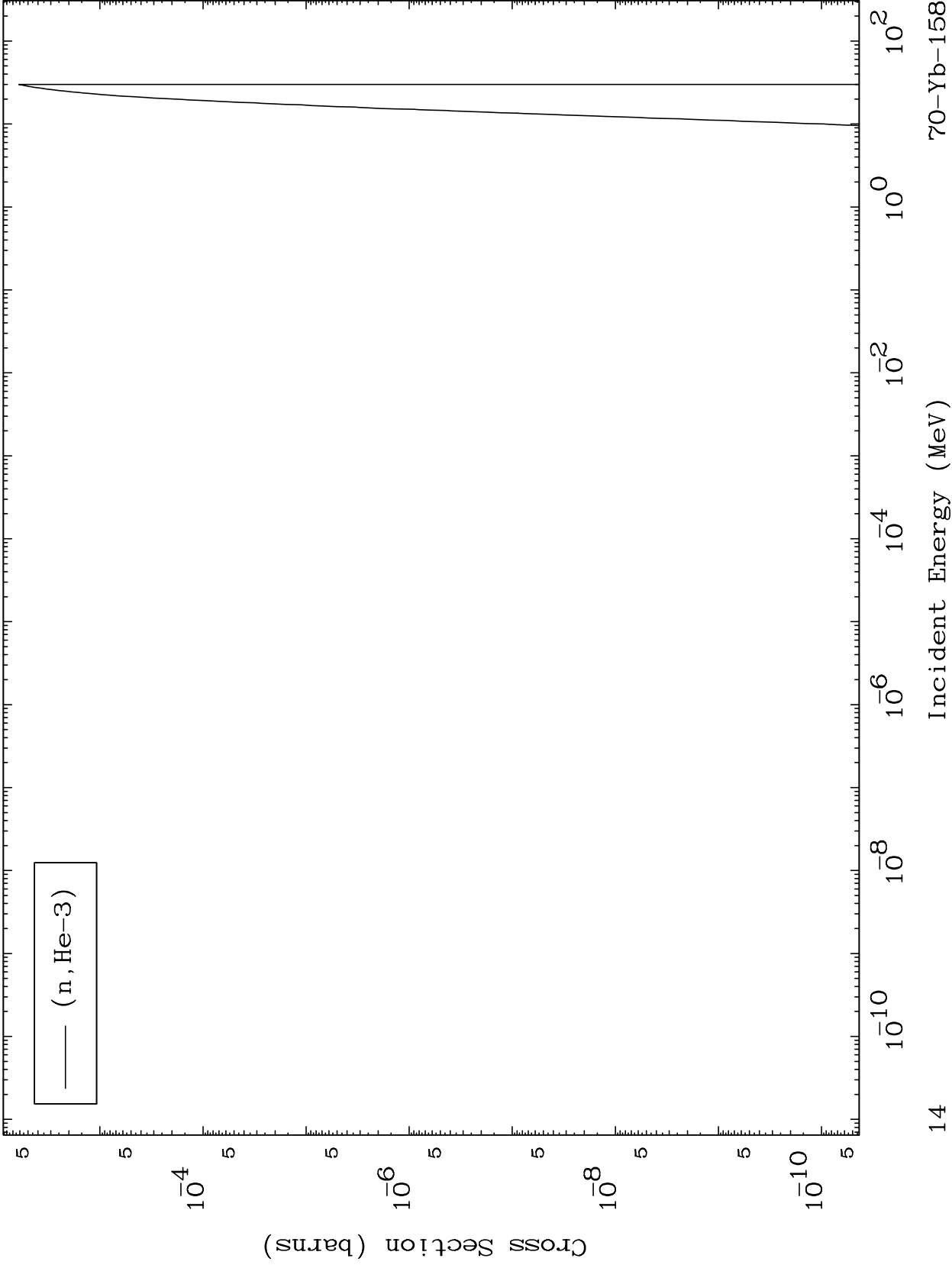
Incident Energy (MeV)

70-Yb-158

MAT 6995

(n,He3) Levels
293 Kelvin Cross Sections

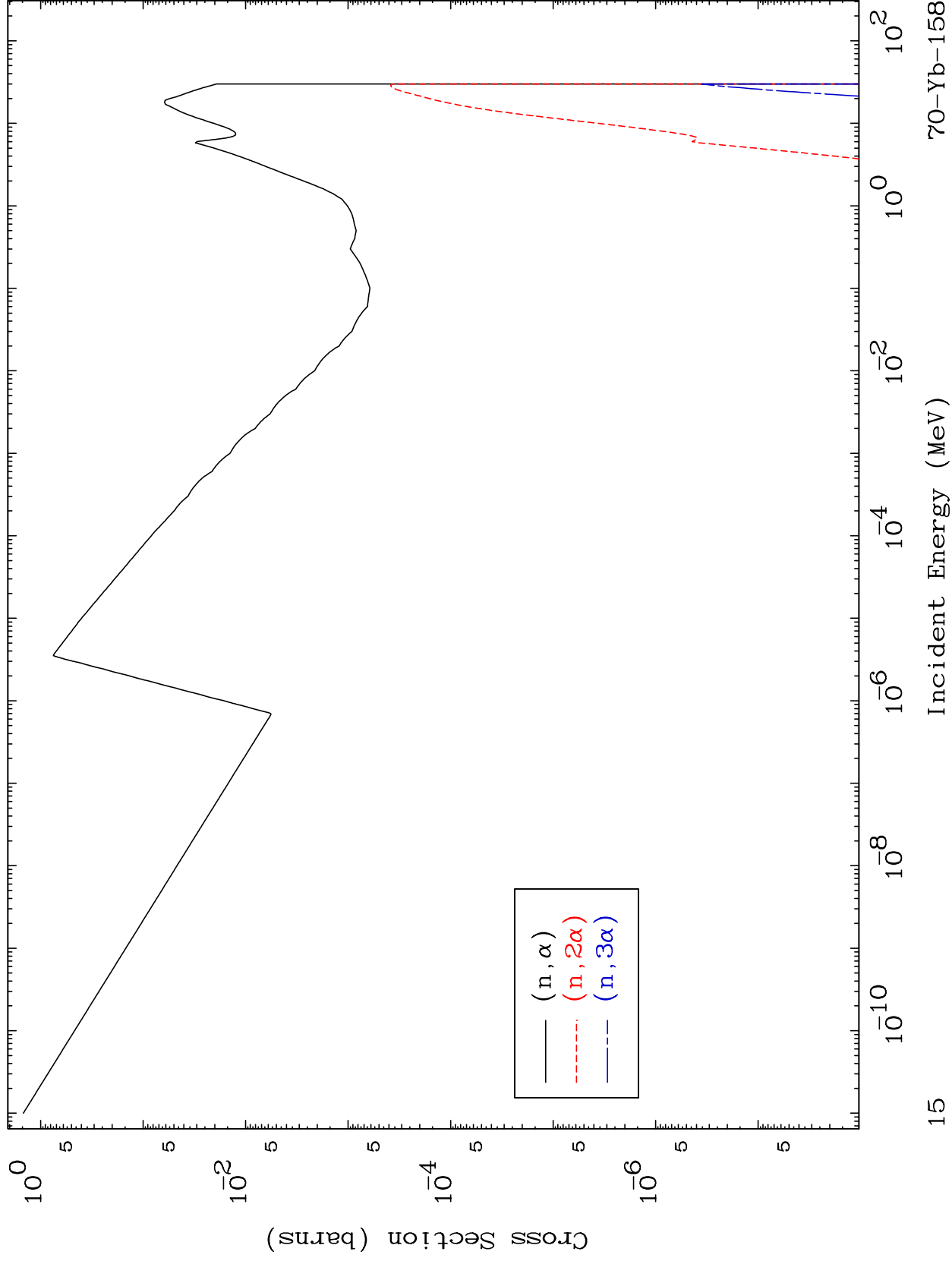
70-Yb-158

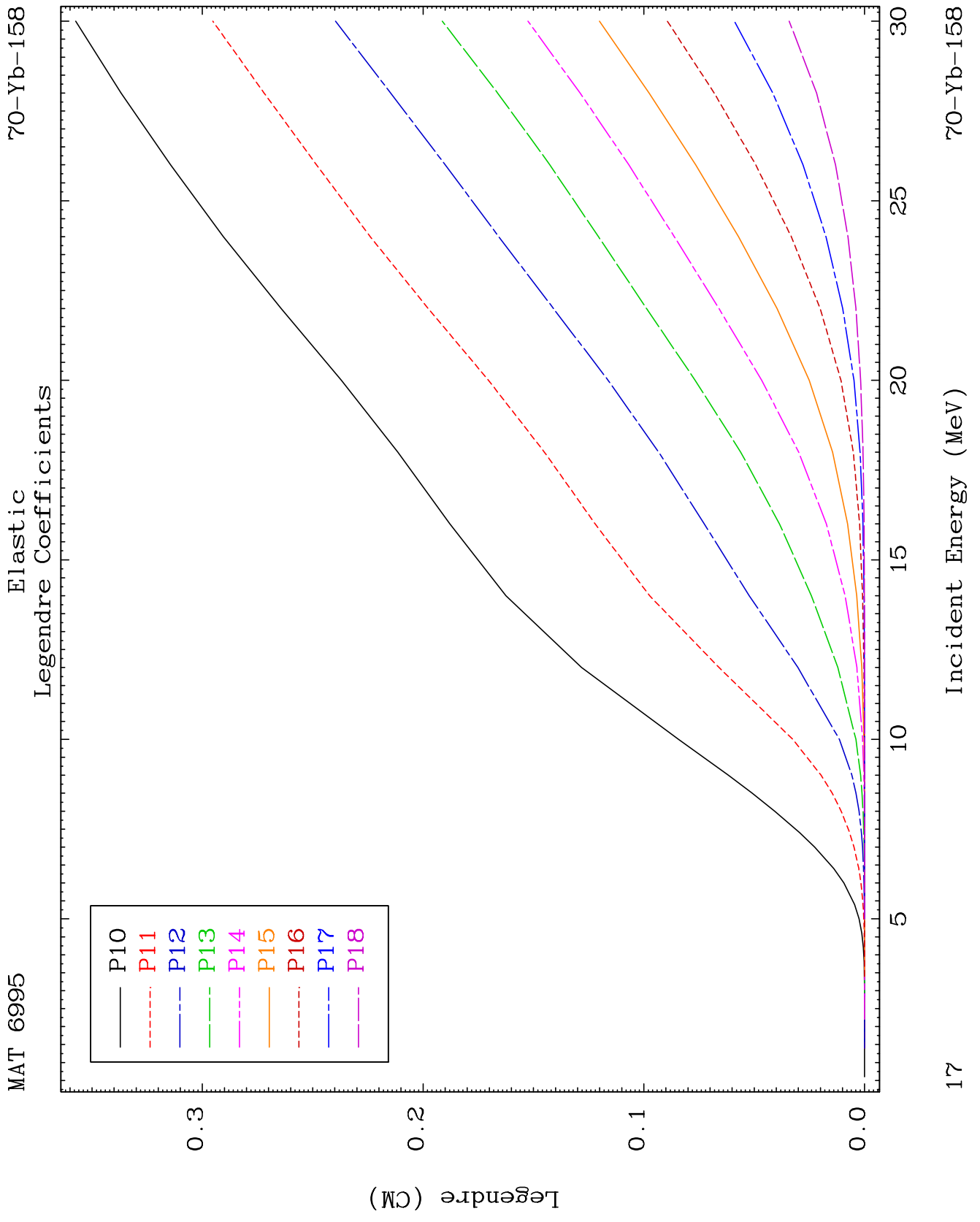


MAT 6995

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-158

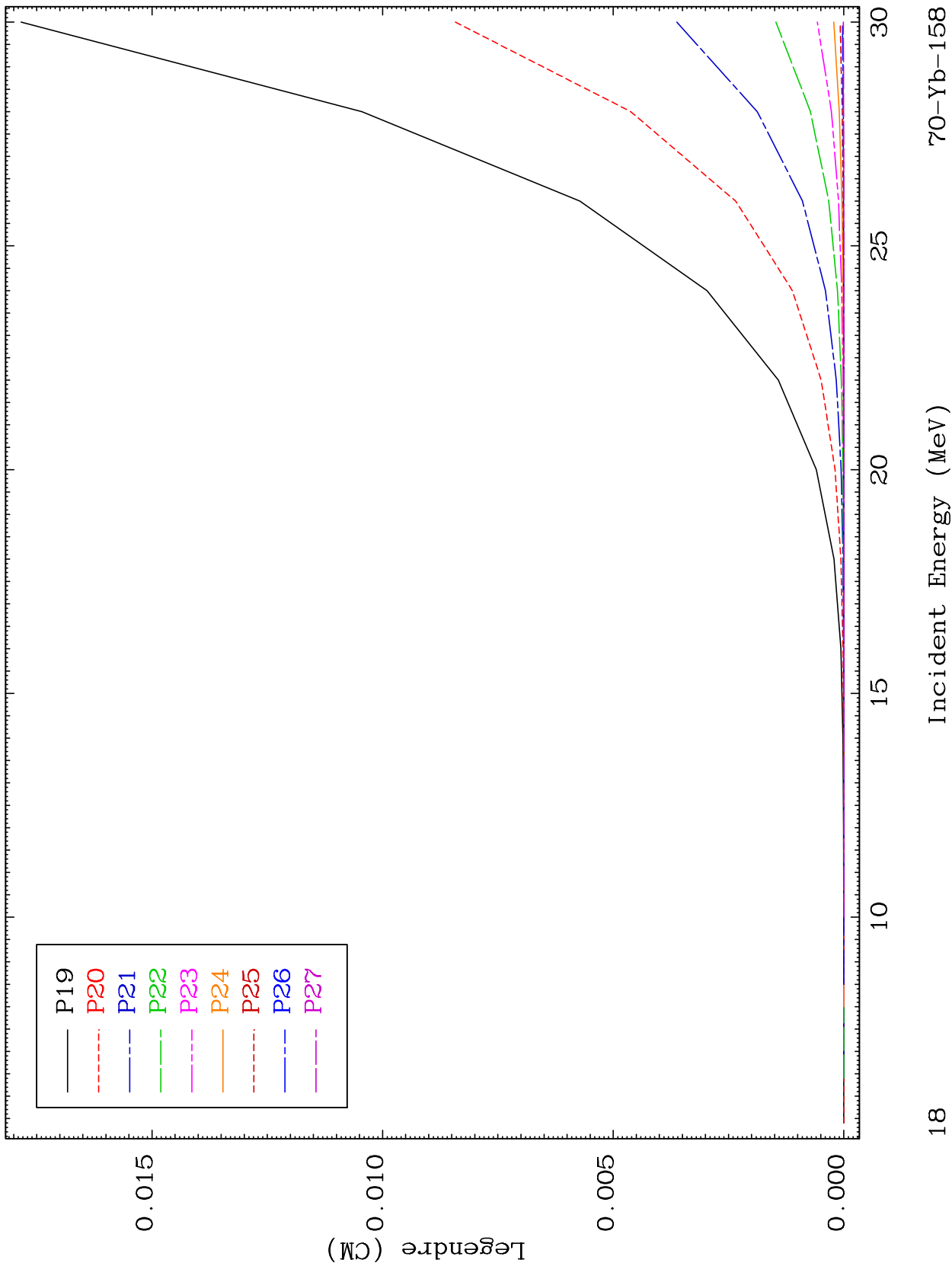




MAT 6995

Elastic
Legendre Coefficients

70-Yb-158



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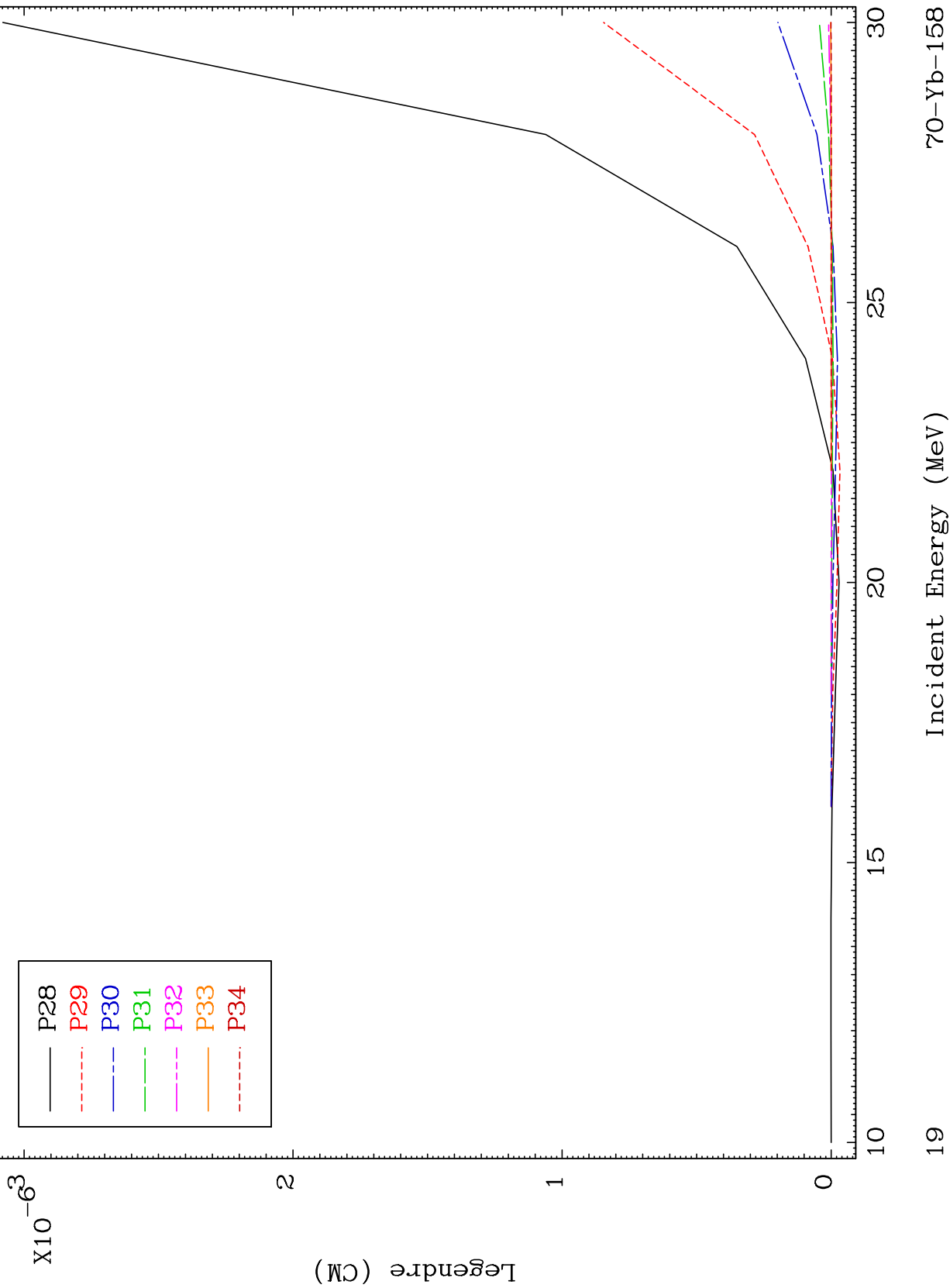
Incident Energy (MeV)

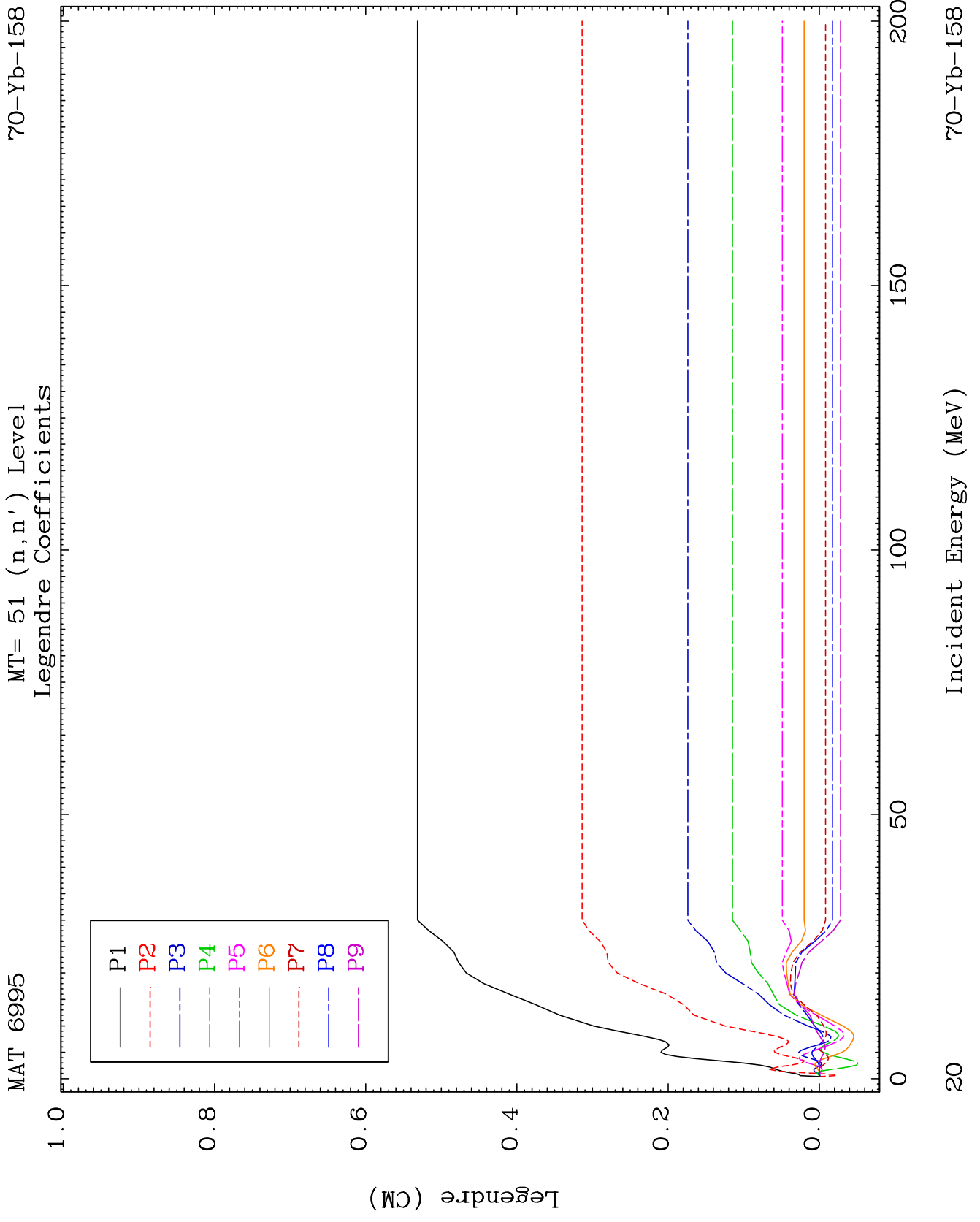
70-Yb-158

MAT 6995

Elastic
Legendre Coefficients

70-Yb-158

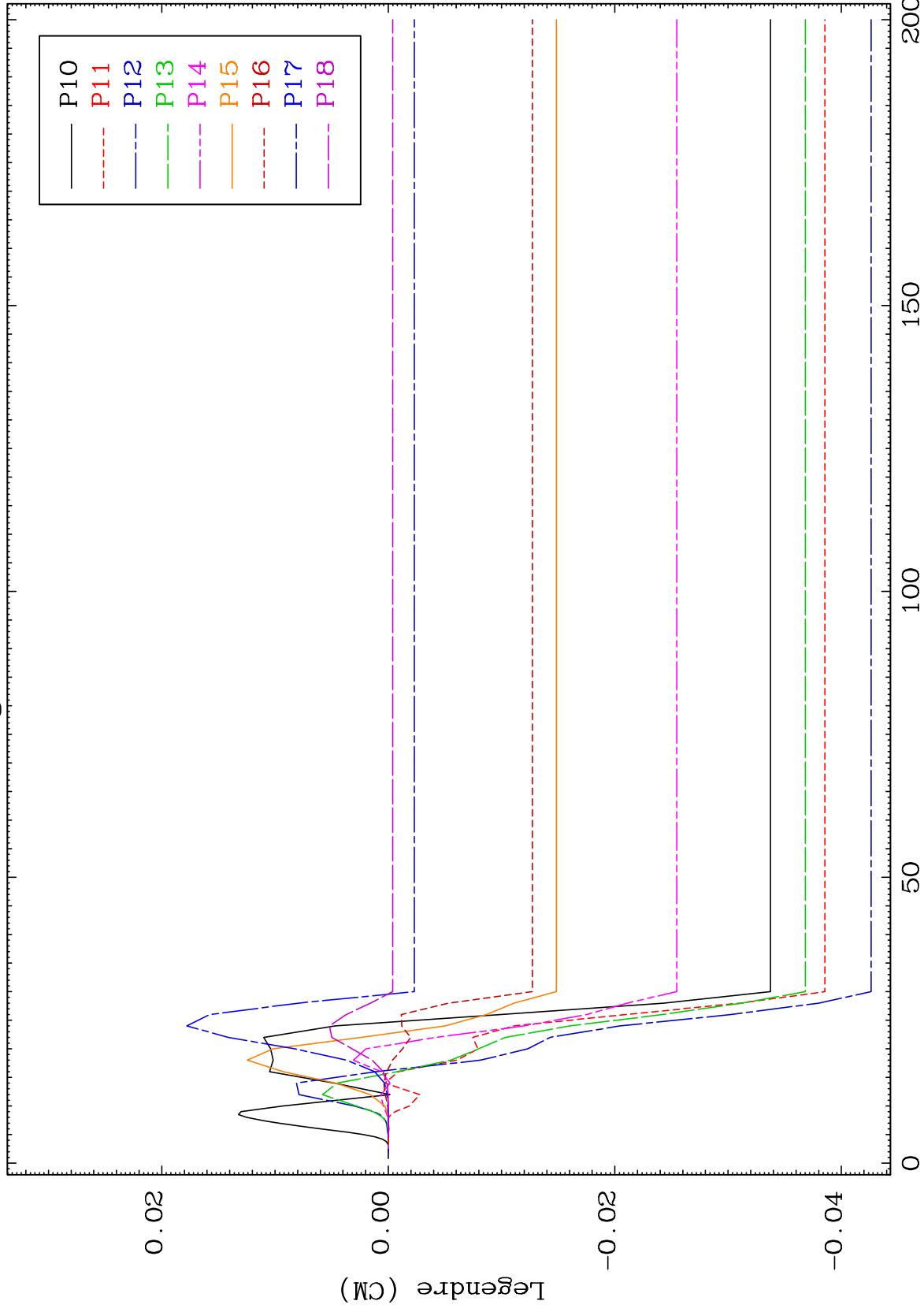




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MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-158



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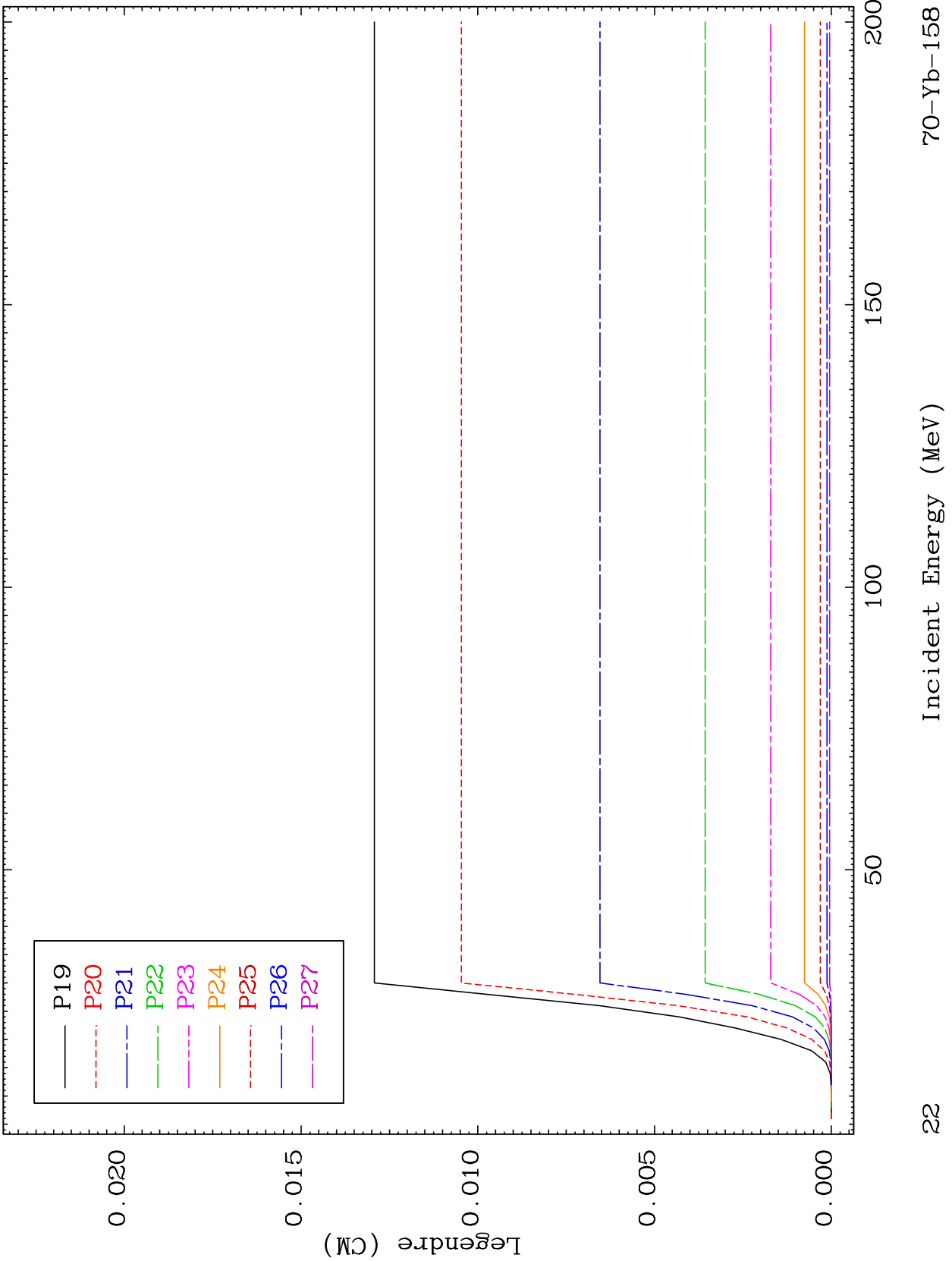
Incident Energy (MeV)

70-Yb-158

MAT 6995

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

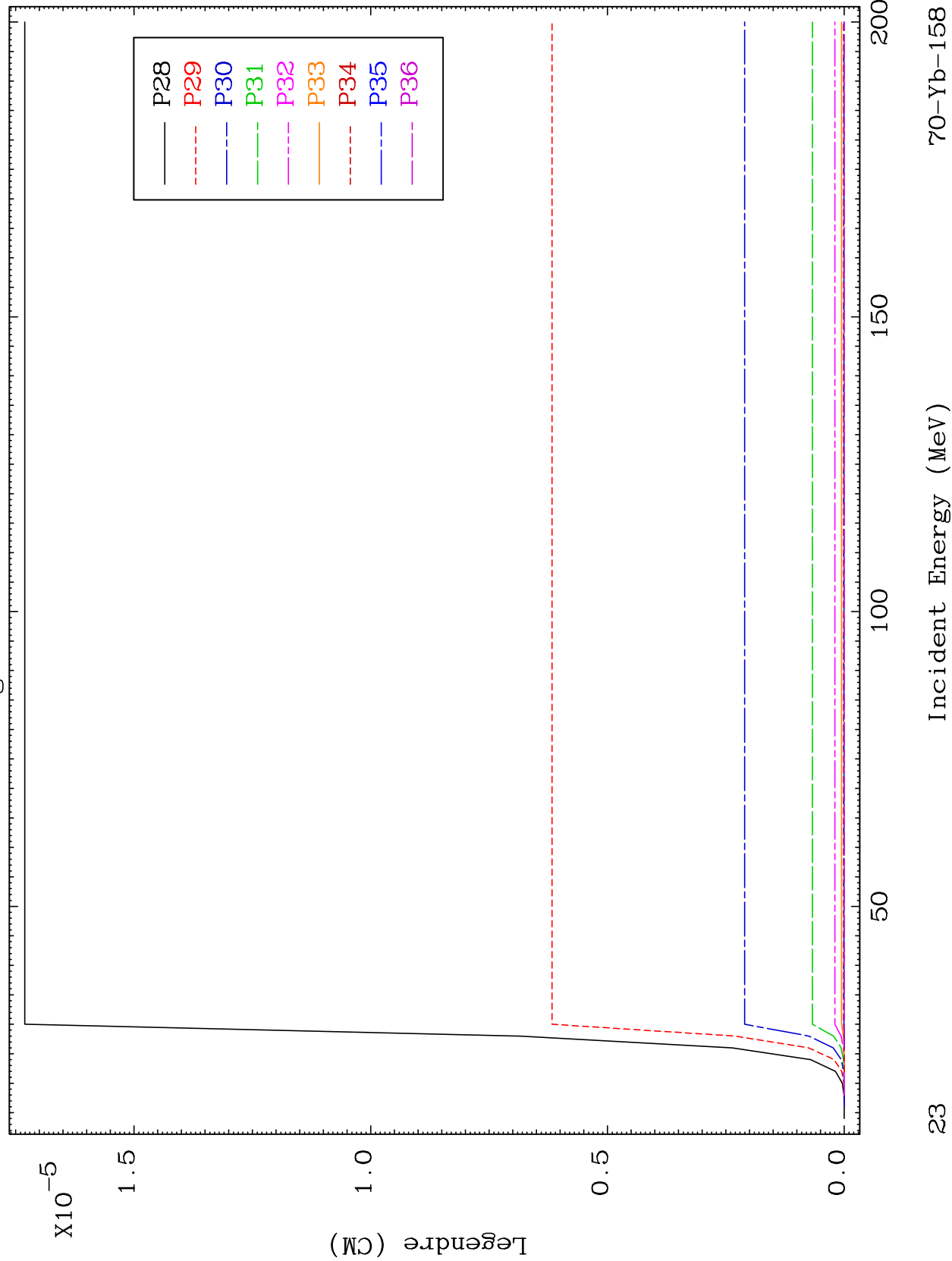
70-Yb-158



MAT 6995

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

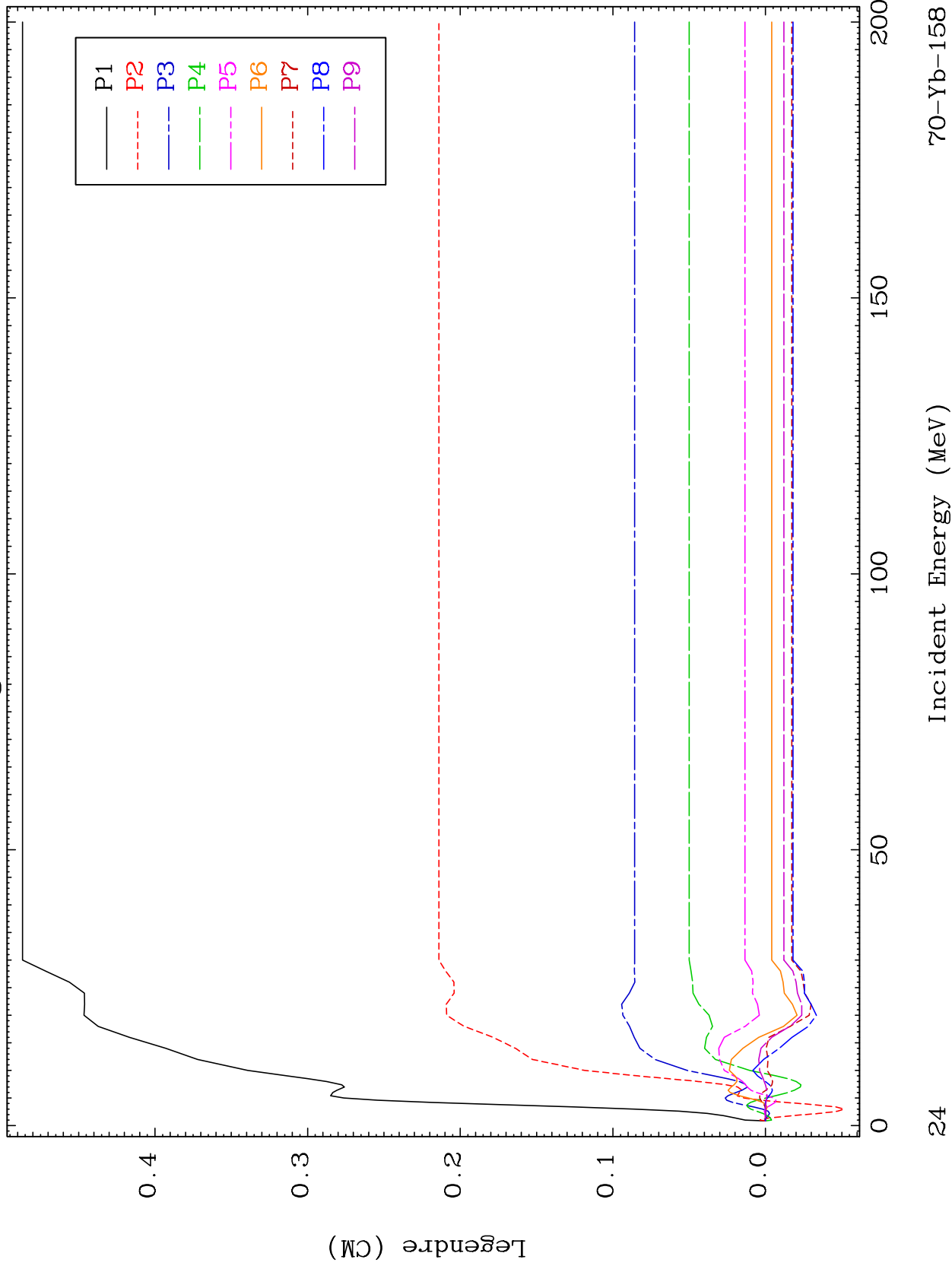
70-Yb-158



MAT 6995

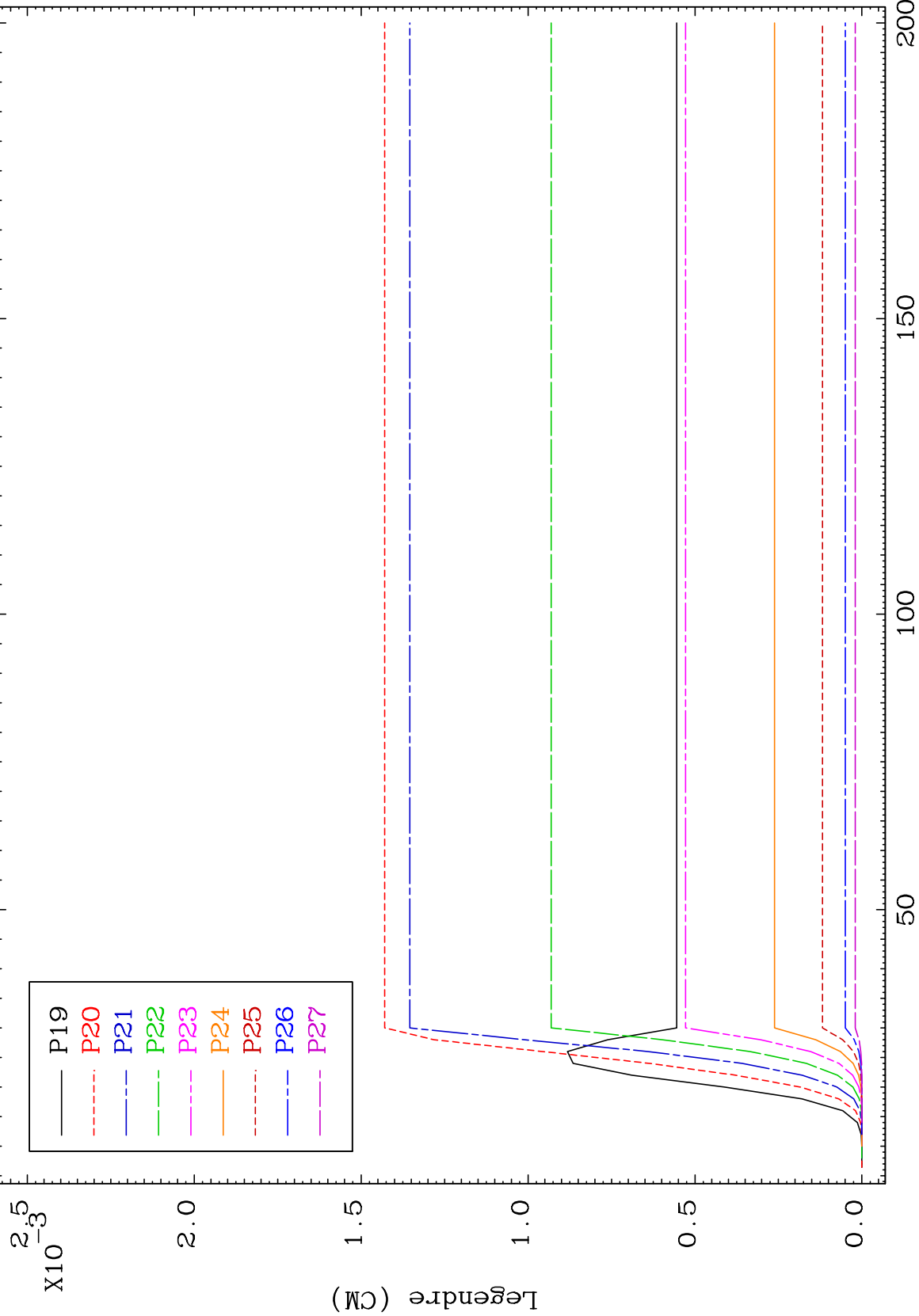
MT= 52 (n,n') Level
Legendre Coefficients

70-Yb-158



24

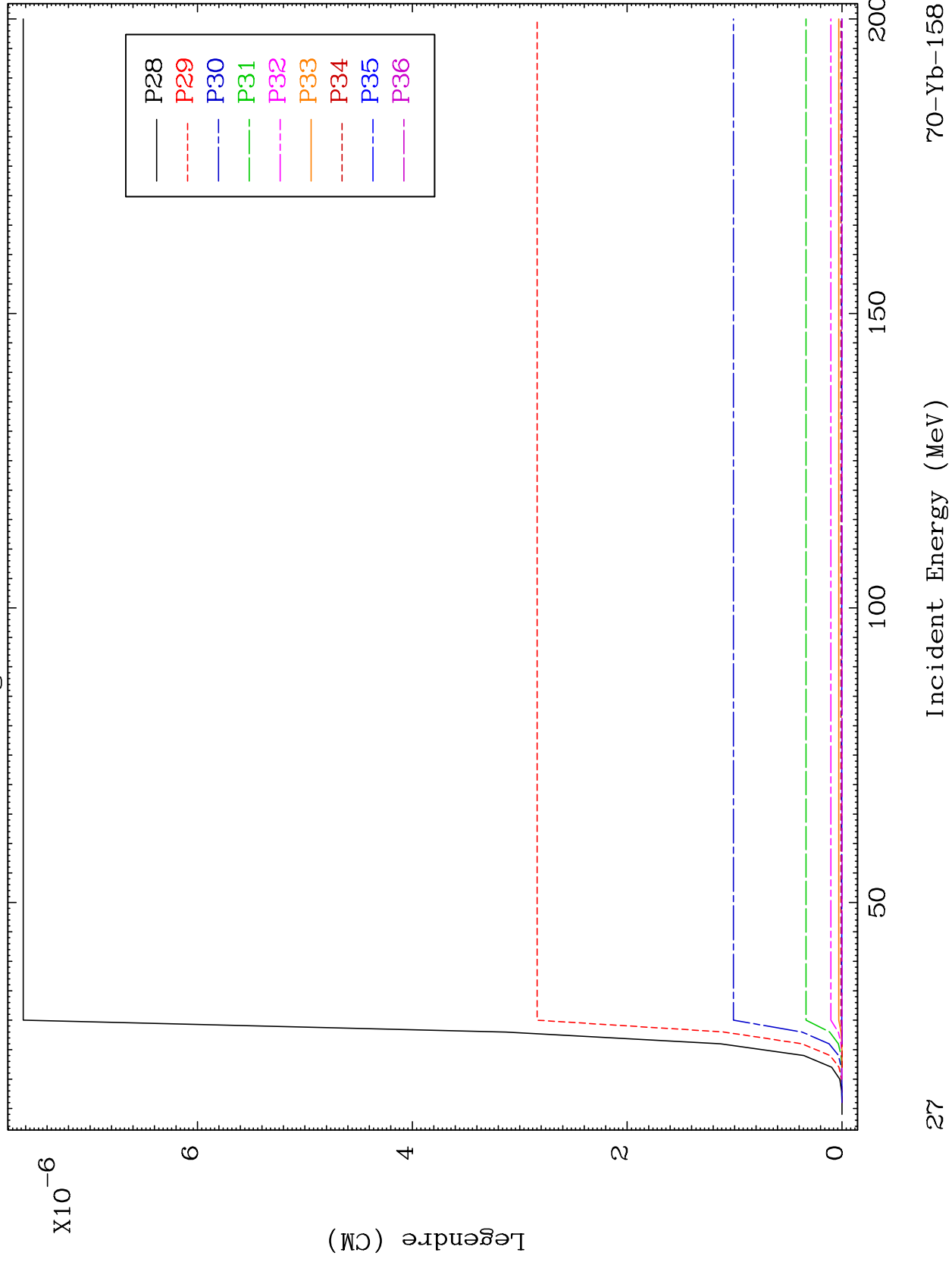
70-Yb-158



MAT 6995

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

70-Yb-158



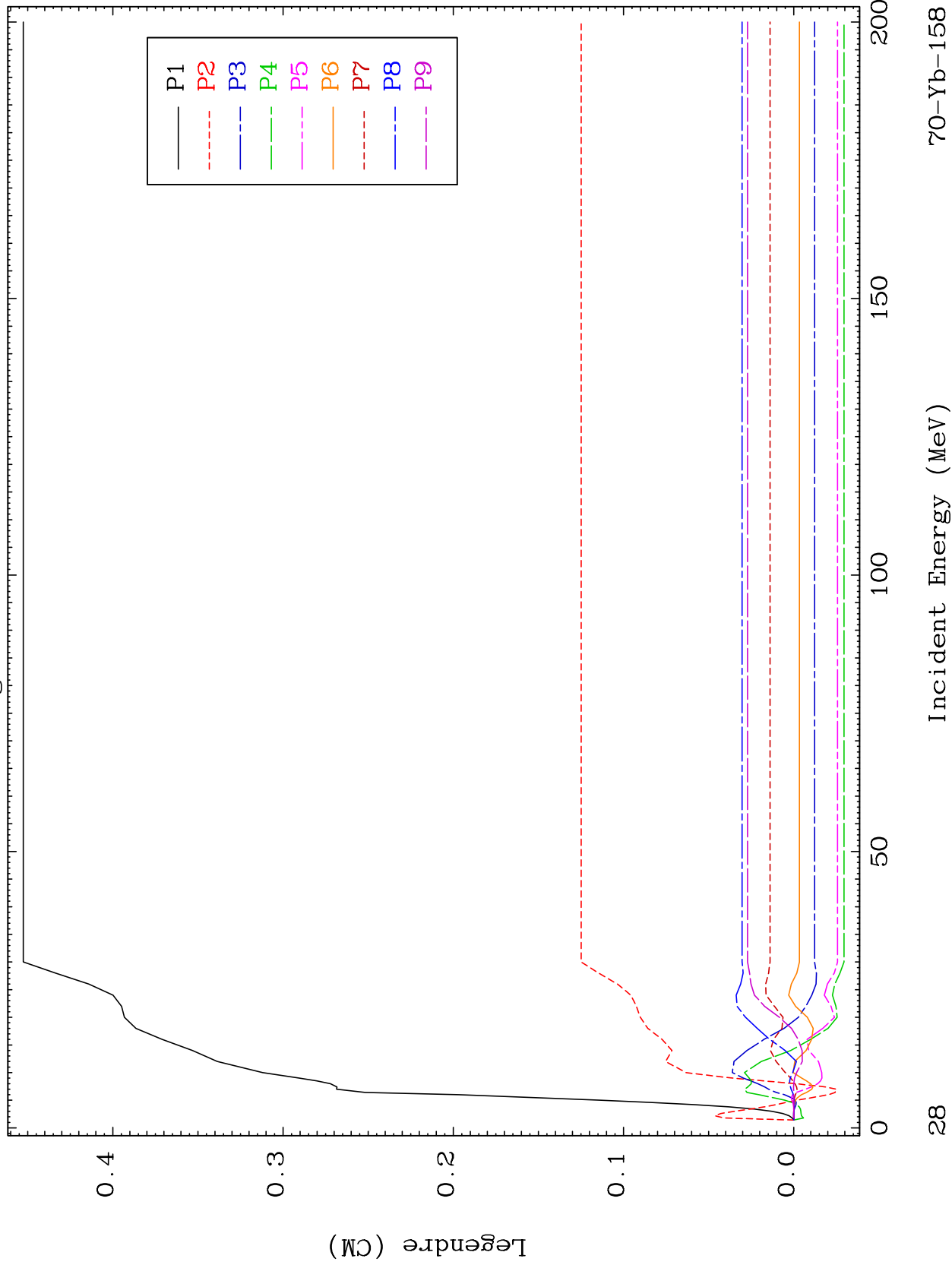
27

70-Yb-158

MAT 6995

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

70-Yb-158



70-Yb-158

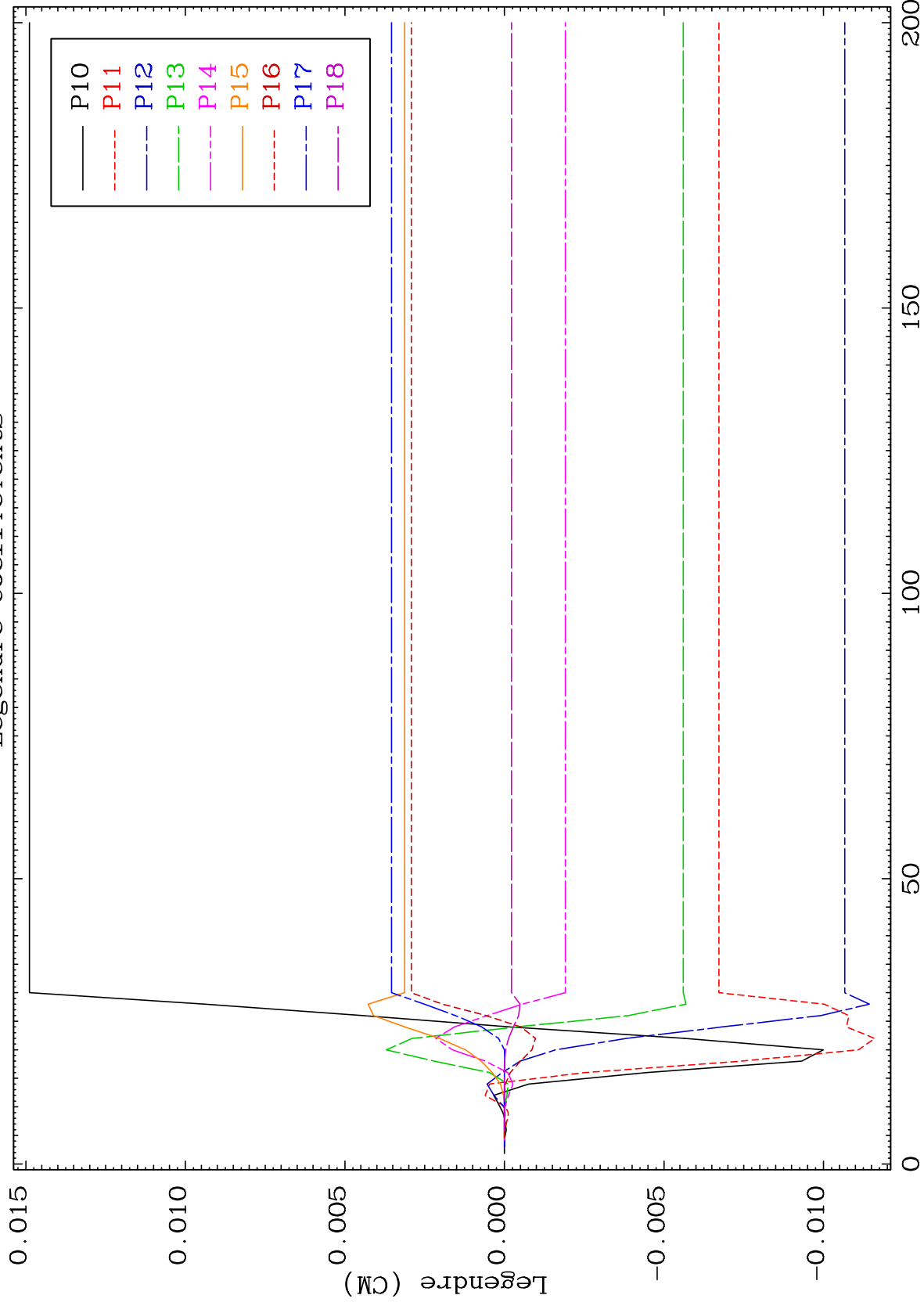
Incident Energy (MeV)

28

MAT 6995

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

70-Yb-158



29

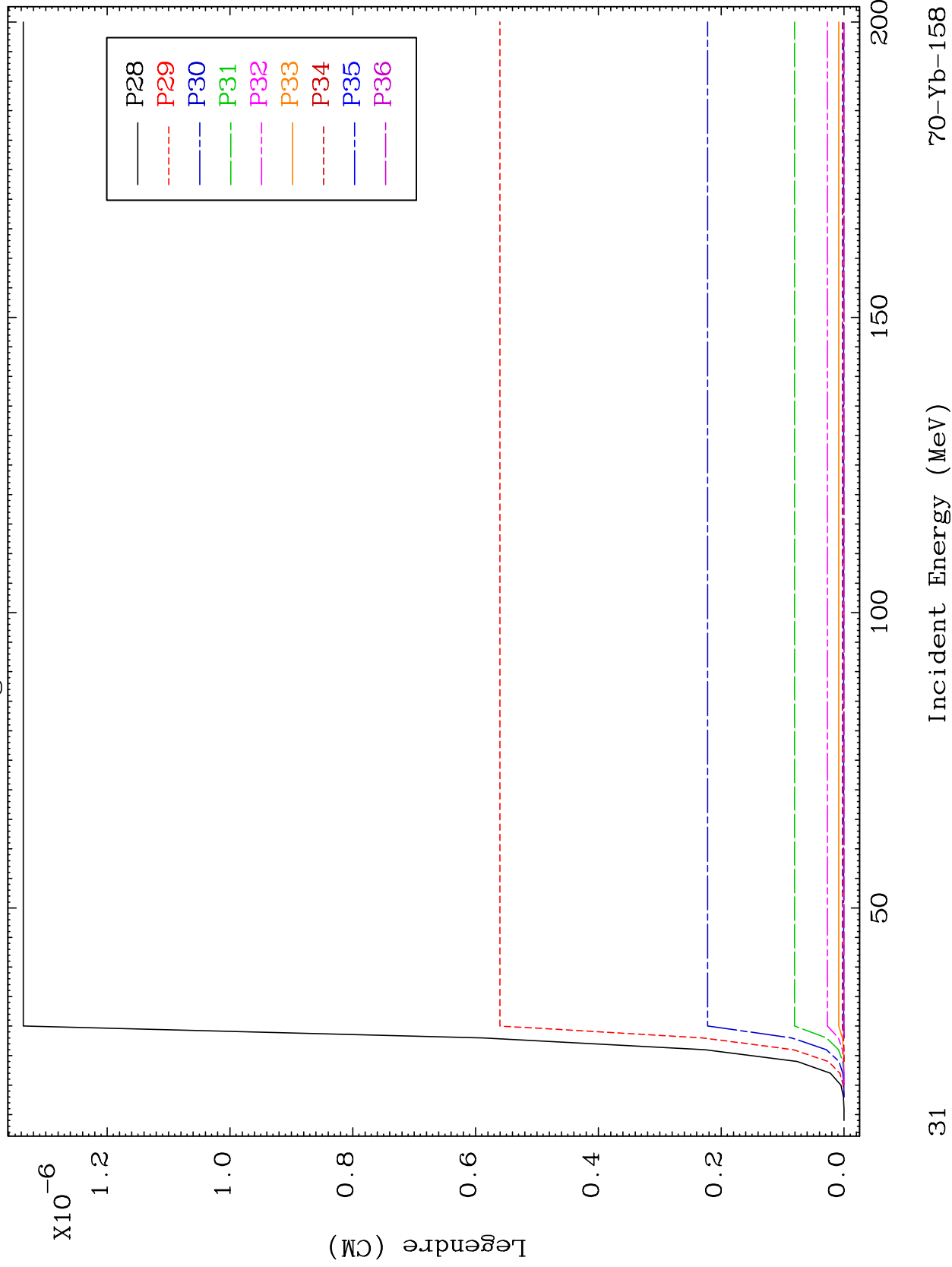
Incident Energy (MeV)

70-Yb-158

MAT 6995

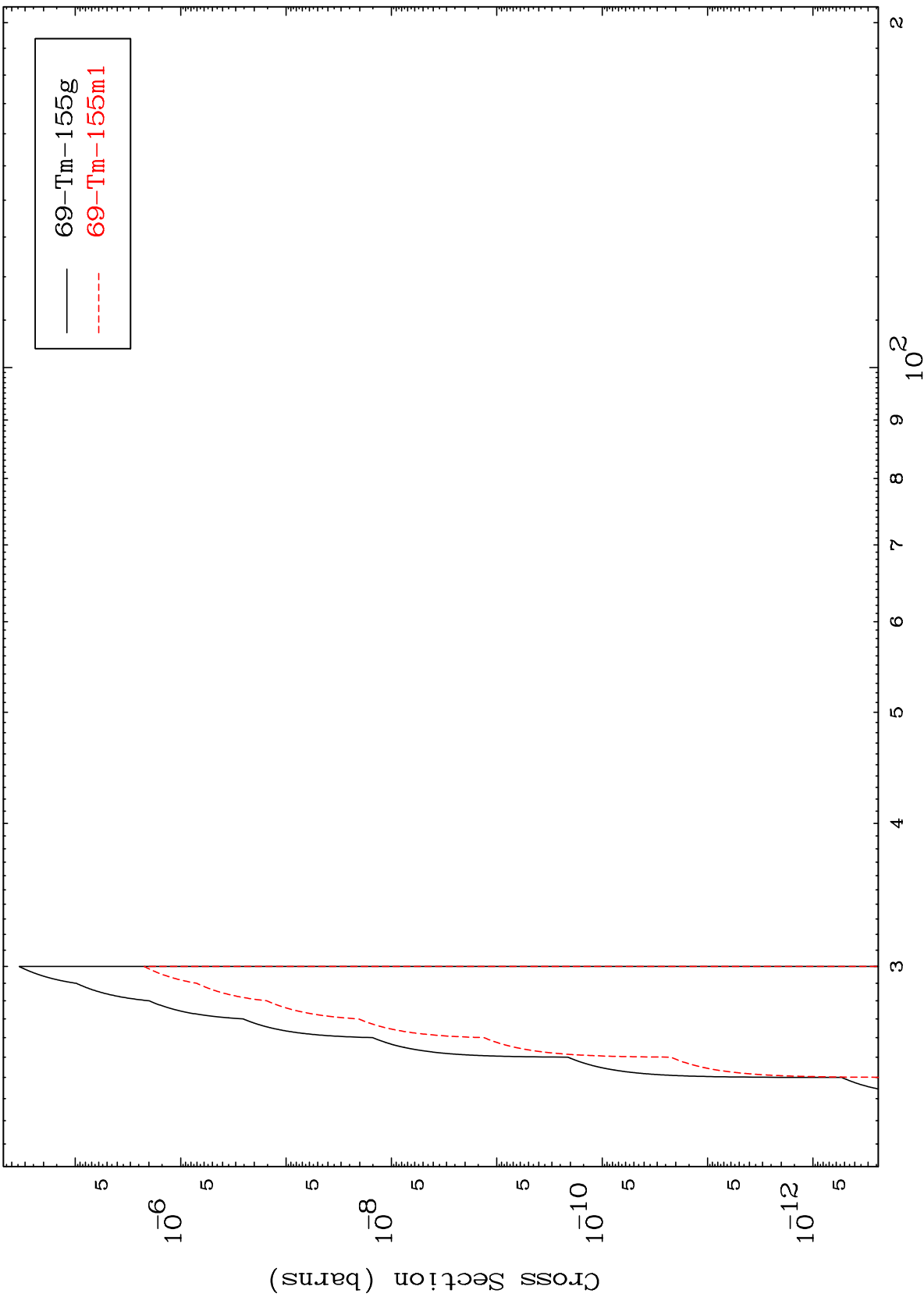
MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-158



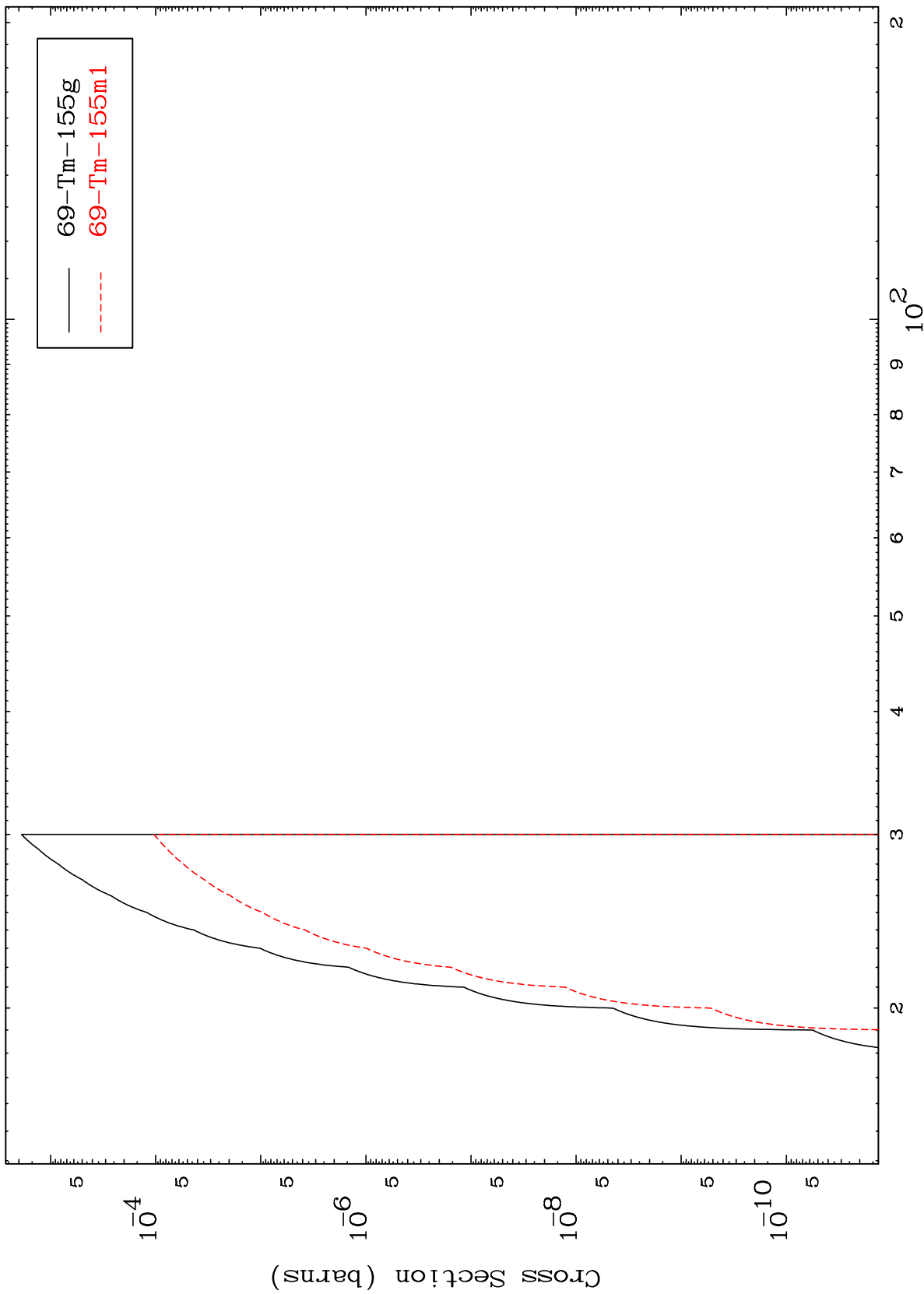
31

Radionuclide Production Cross Section



69-Tm-155g
69-Tm-155m1

Radionuclide Production Cross Section

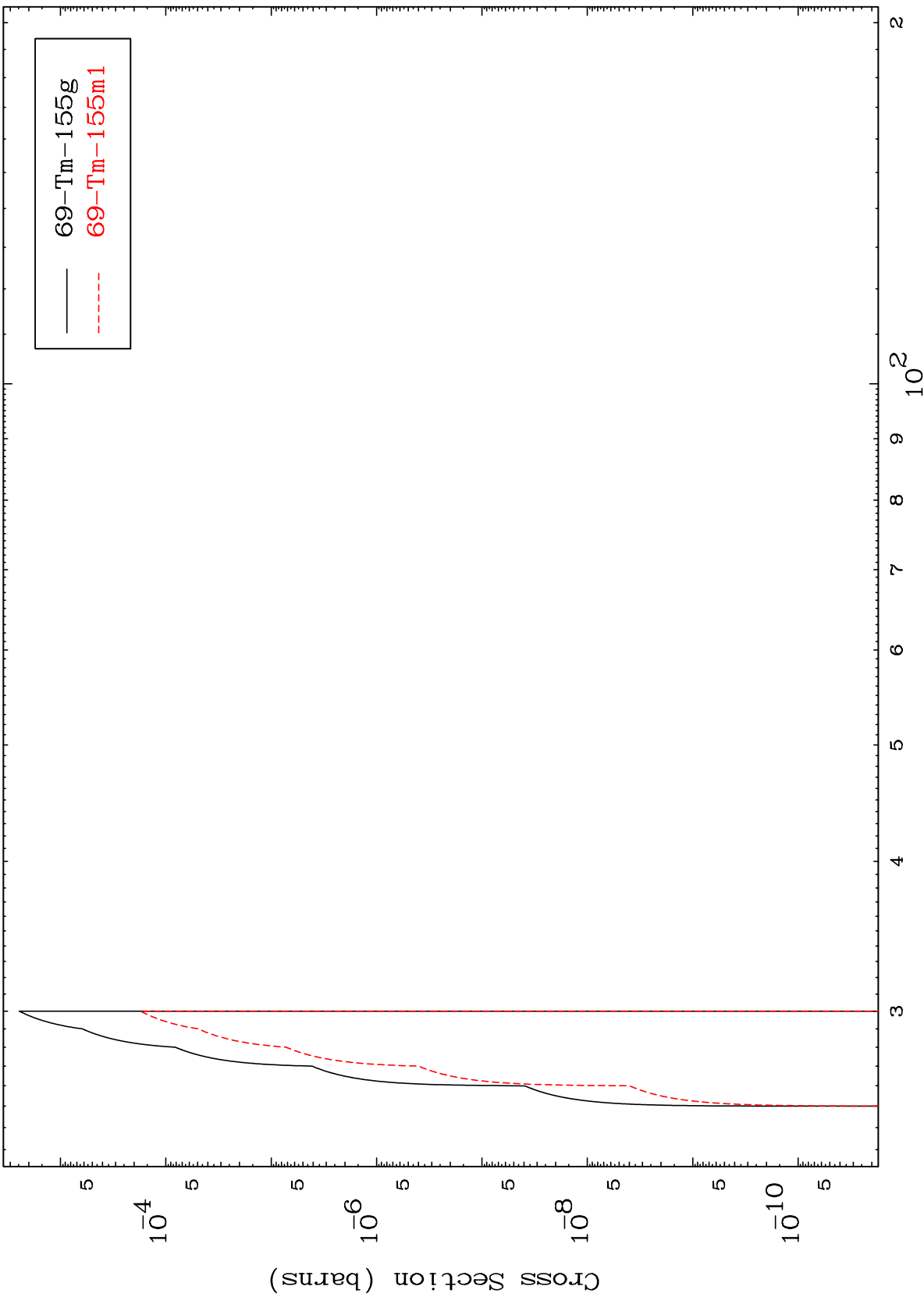


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(n,3n) p

70-Yb-158

Radionuclide Production Cross Section



69-Tm-155g
69-Tm-155m1

34

Incident Energy (MeV)

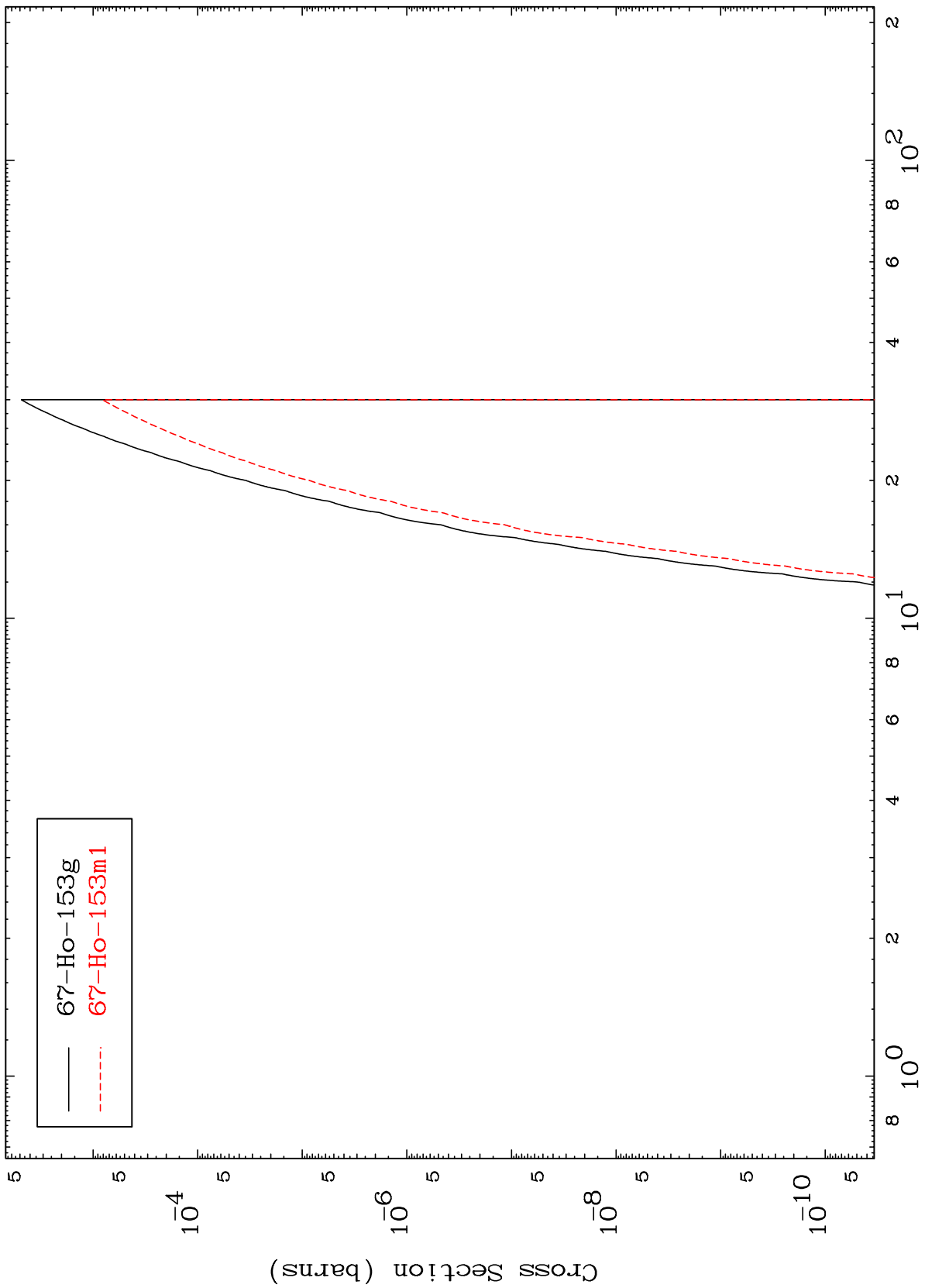
70-Yb-158

MAT 6995

(n,n') p α

70-Yb-158

Radionuclide Production Cross Section



35

Incident Energy (MeV)

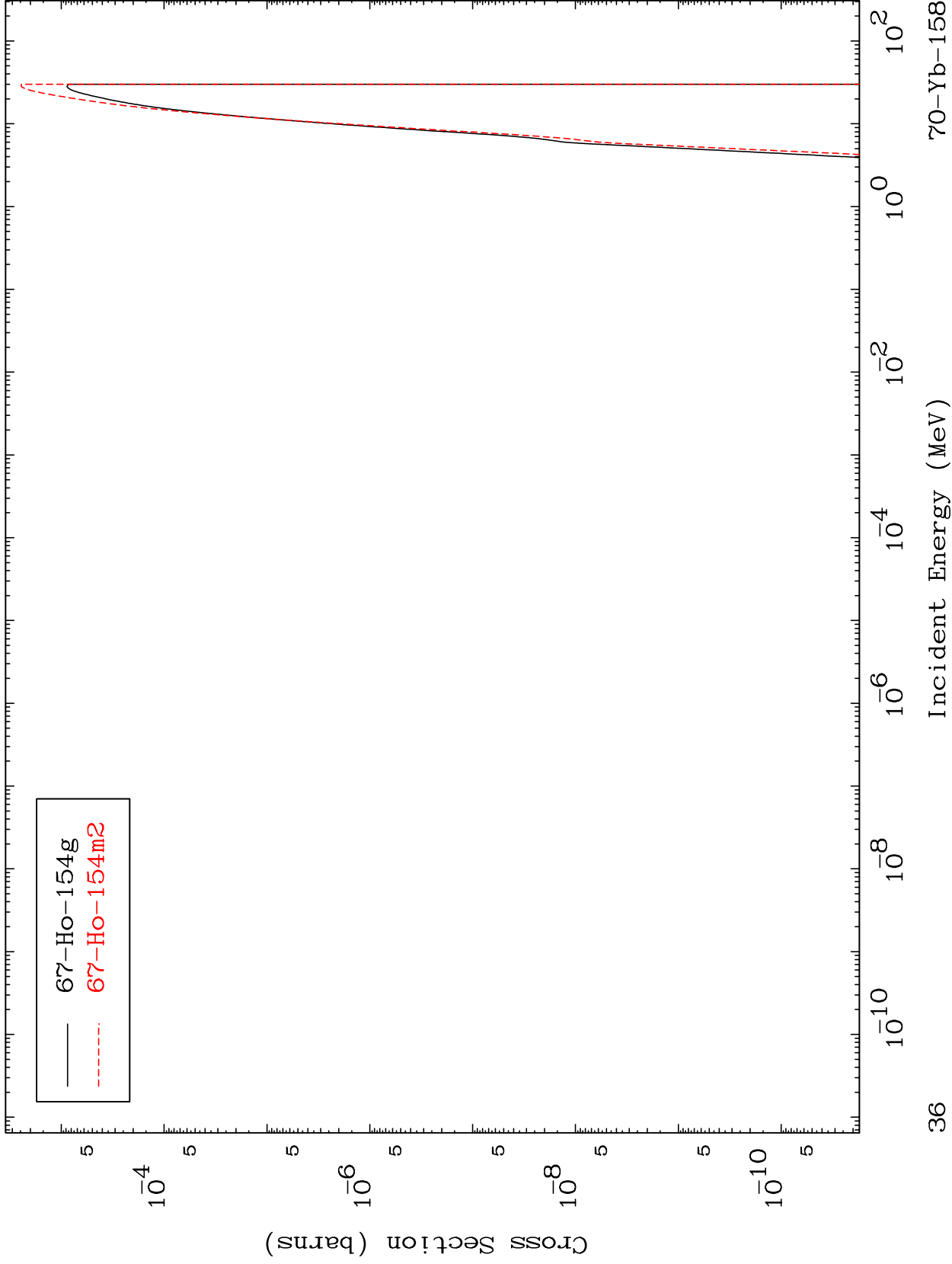
70-Yb-158

MAT 6995

(n,p) α

70-Yb-158

Radionuclide Production Cross Section

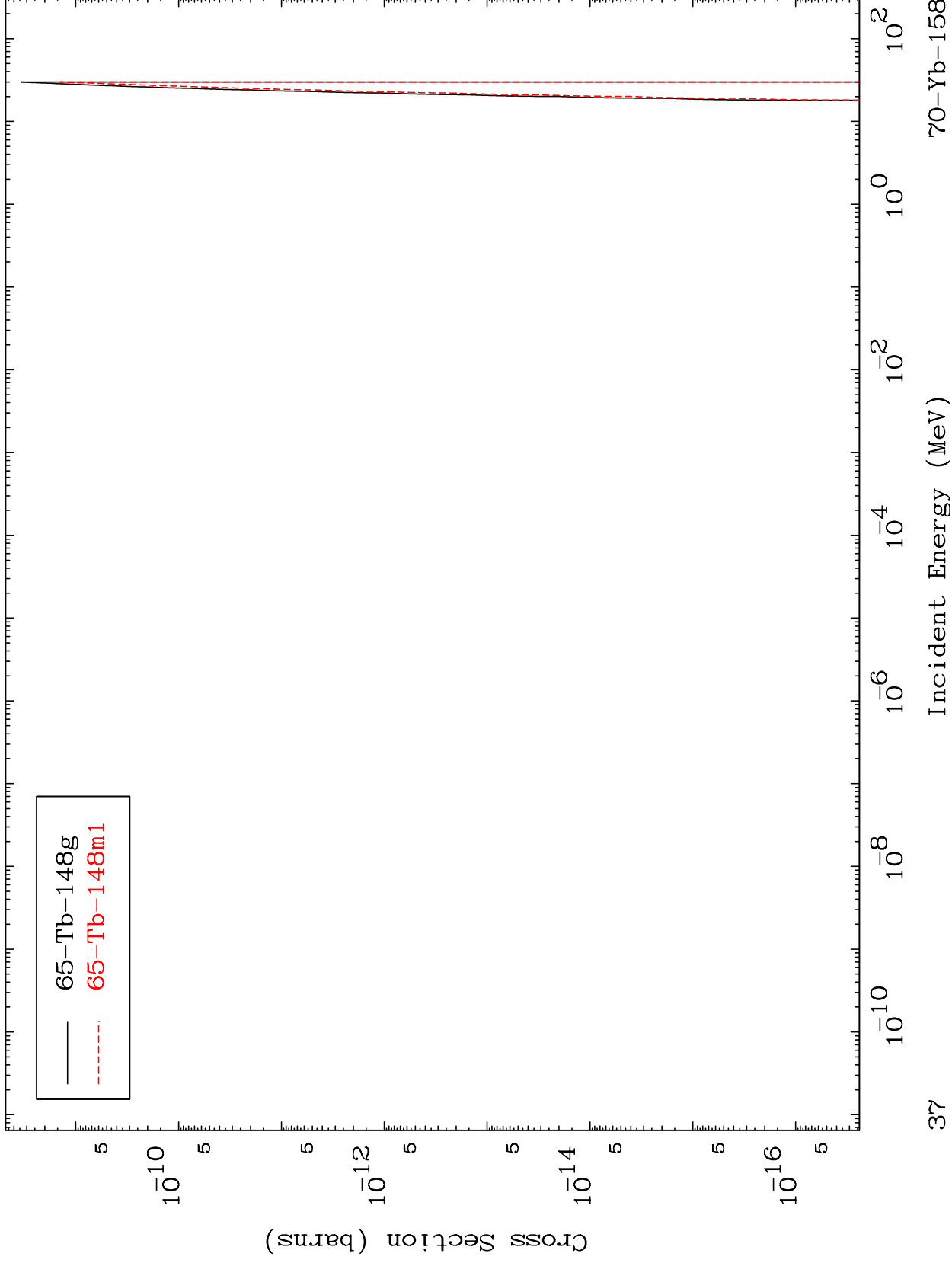


MAT 6995

(n,t) 2 α

70-Yb-158

Radionuclide Production Cross Section

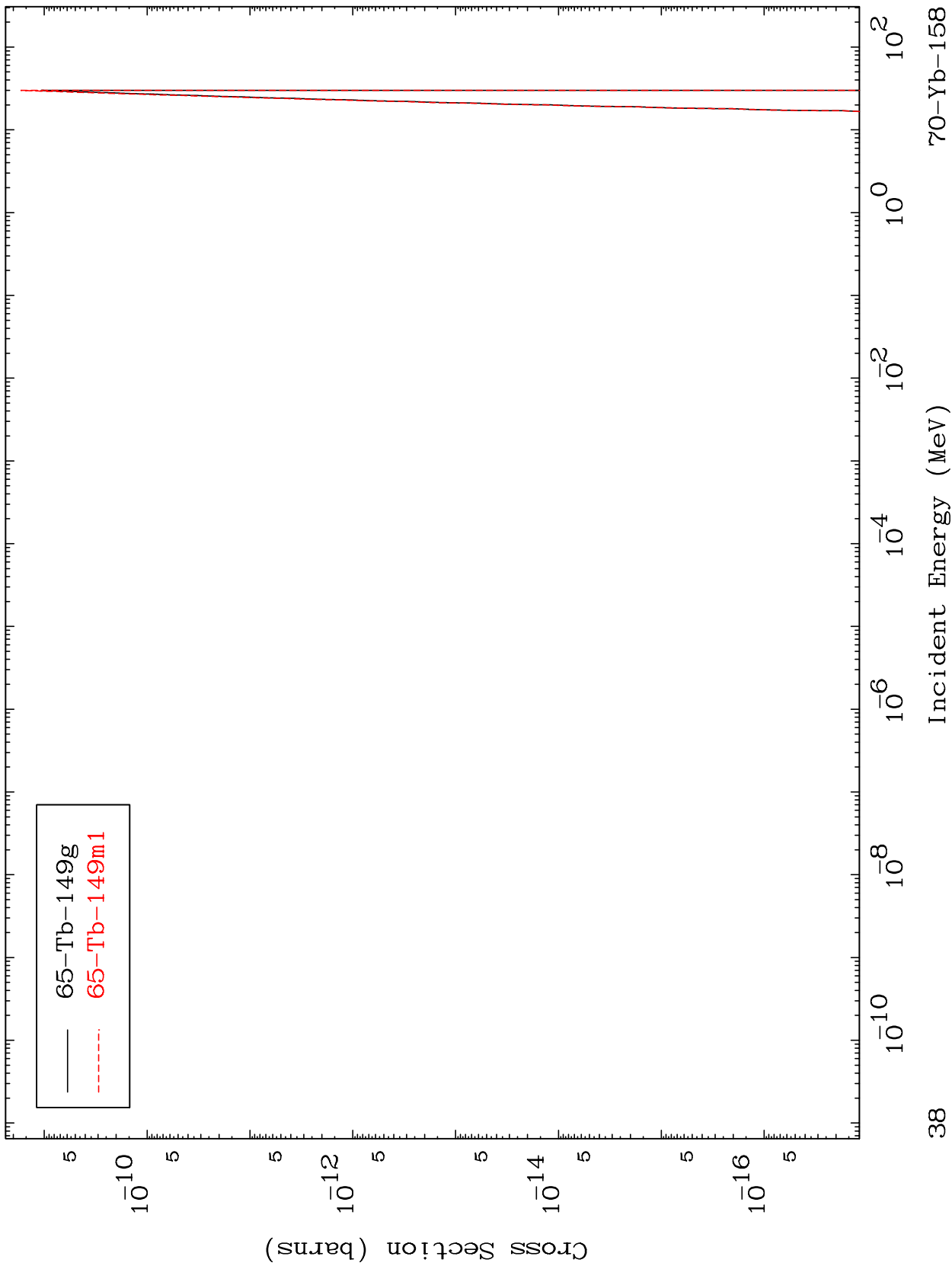


MAT 6995

(n,d) 2 α

70-Yb-158

Radionuclide Production Cross Section

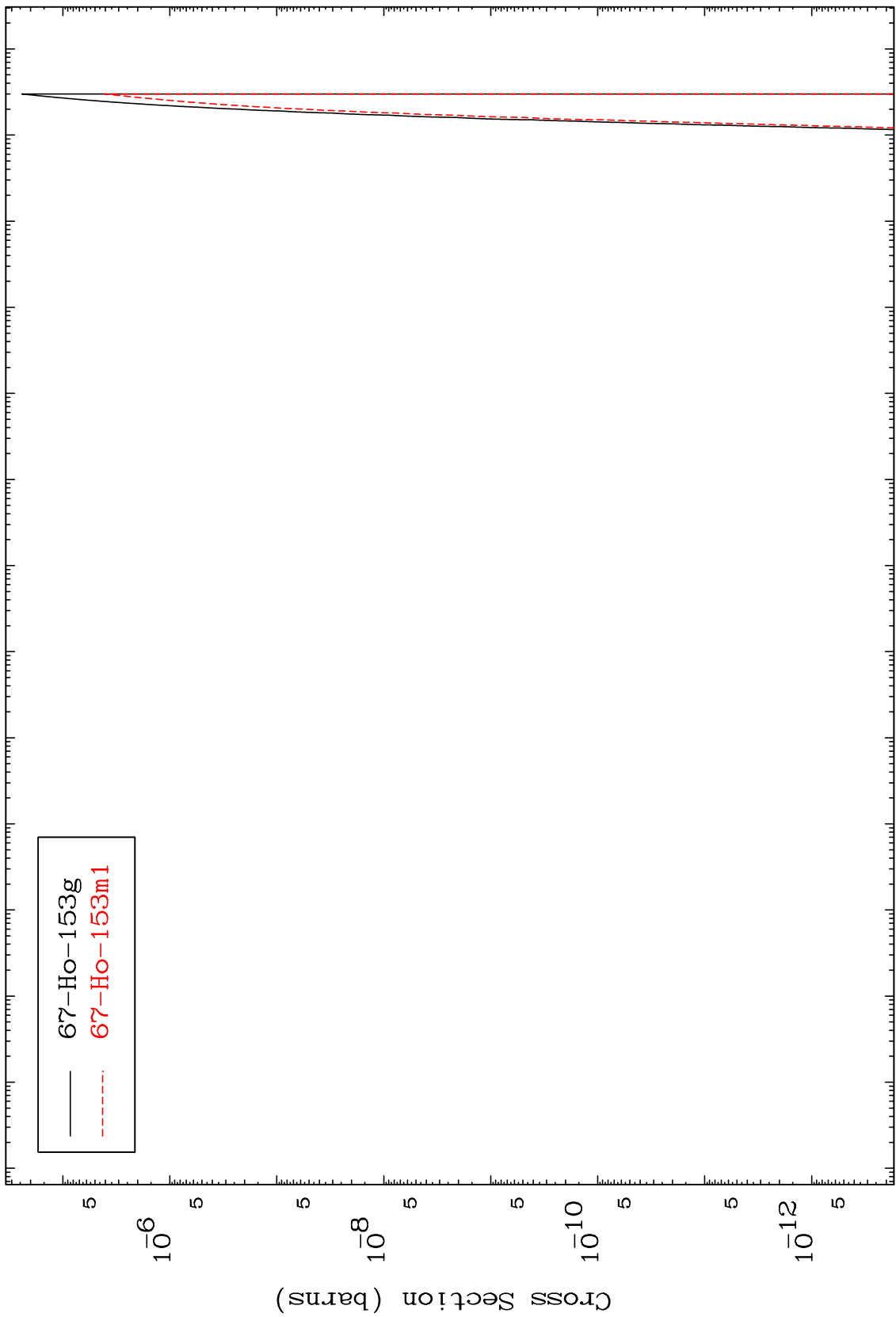
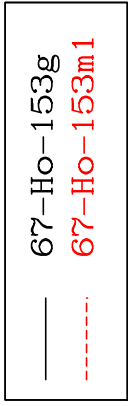


MAT 6995

(n,d) α

70-Yb-158

Radionuclide Production Cross Section



10⁻¹⁰ 10⁻⁸ 10⁻⁶ 10⁻⁴ 10⁻² 10⁰ 10²

Incident Energy (MeV)

70-Yb-158