

Program EVALPLOT
(Version 2021-1)

by

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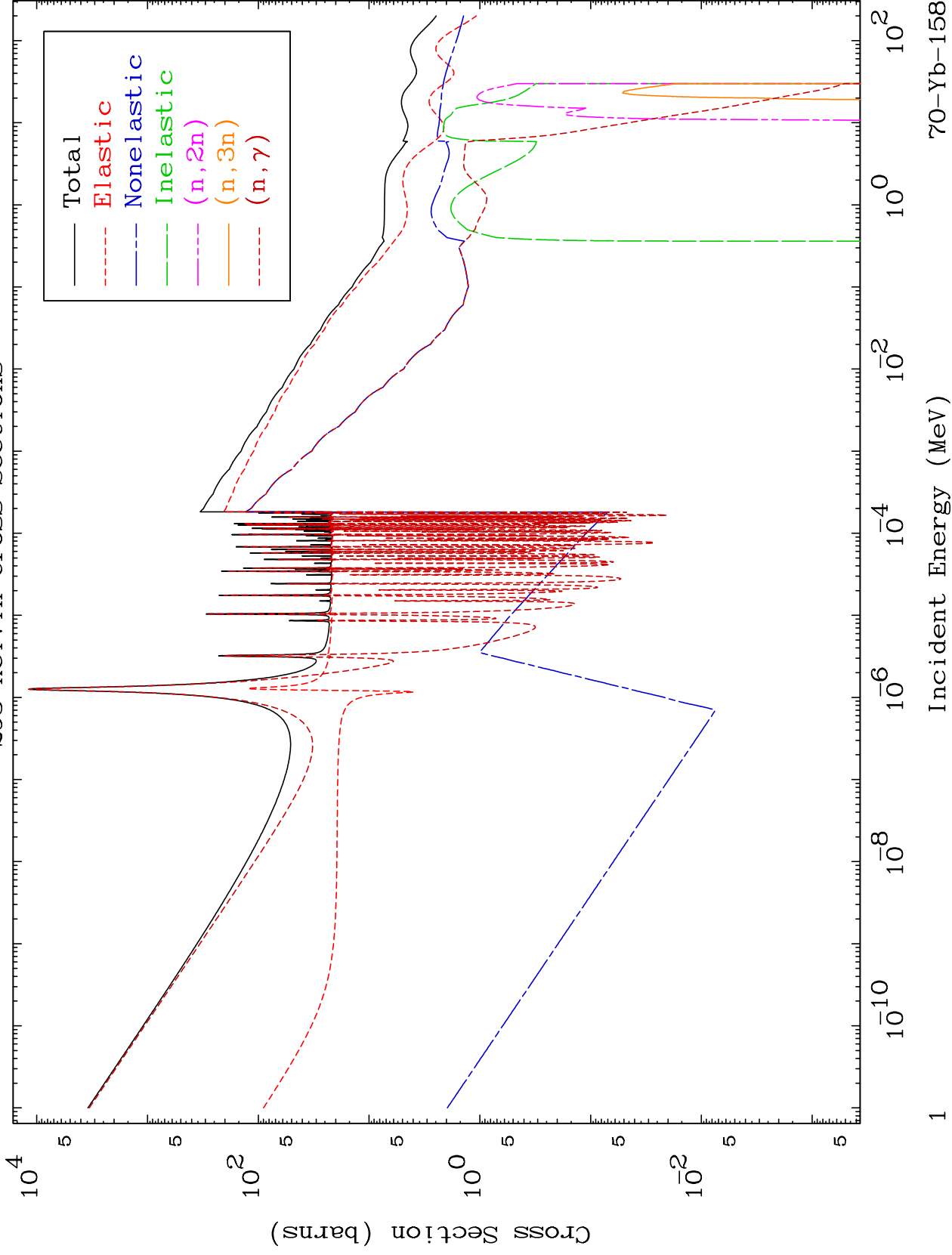
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Press Mouse Button to Start

MAT 6995

Neutron Major
293 Kelvin Cross Sections

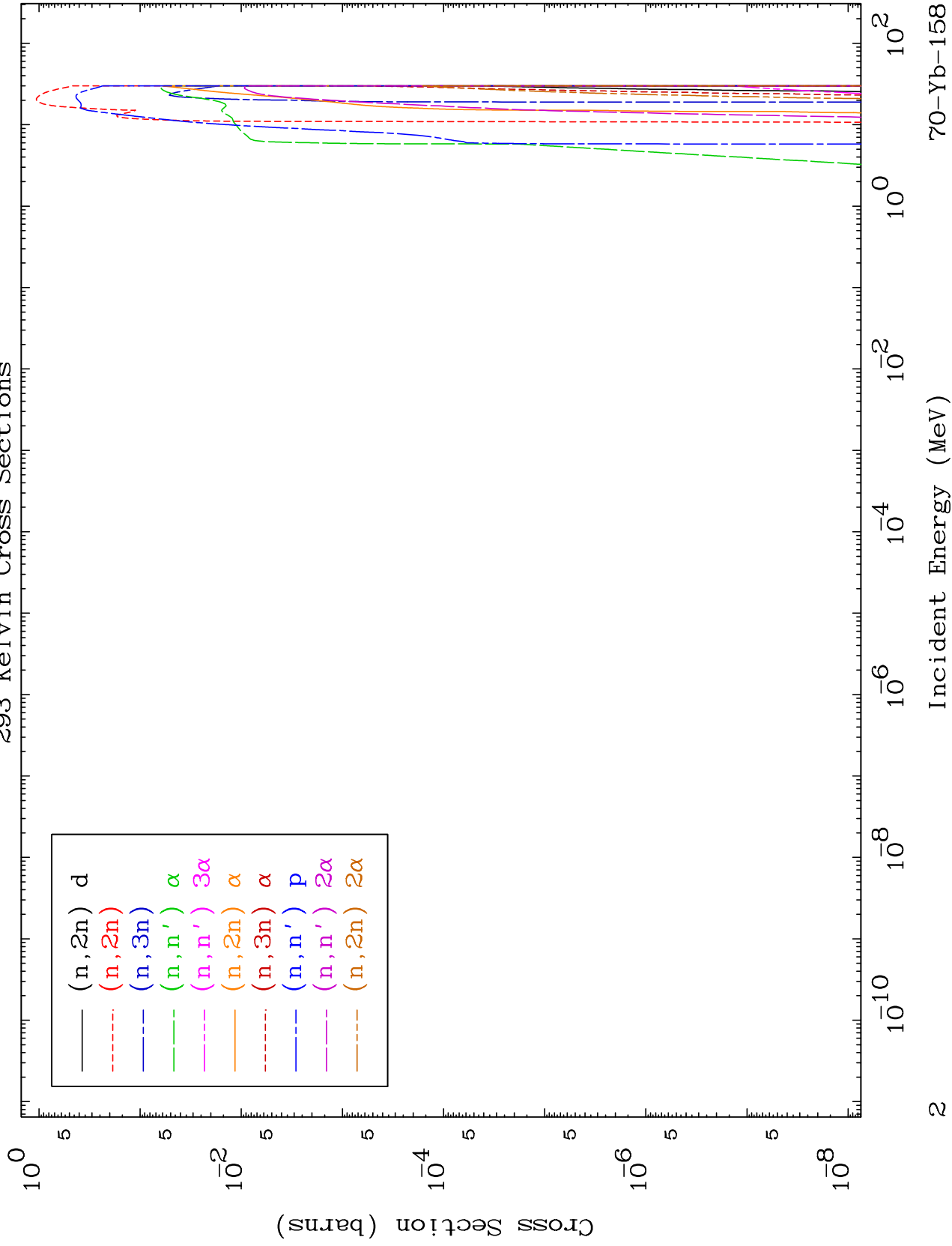
70-Yb-158

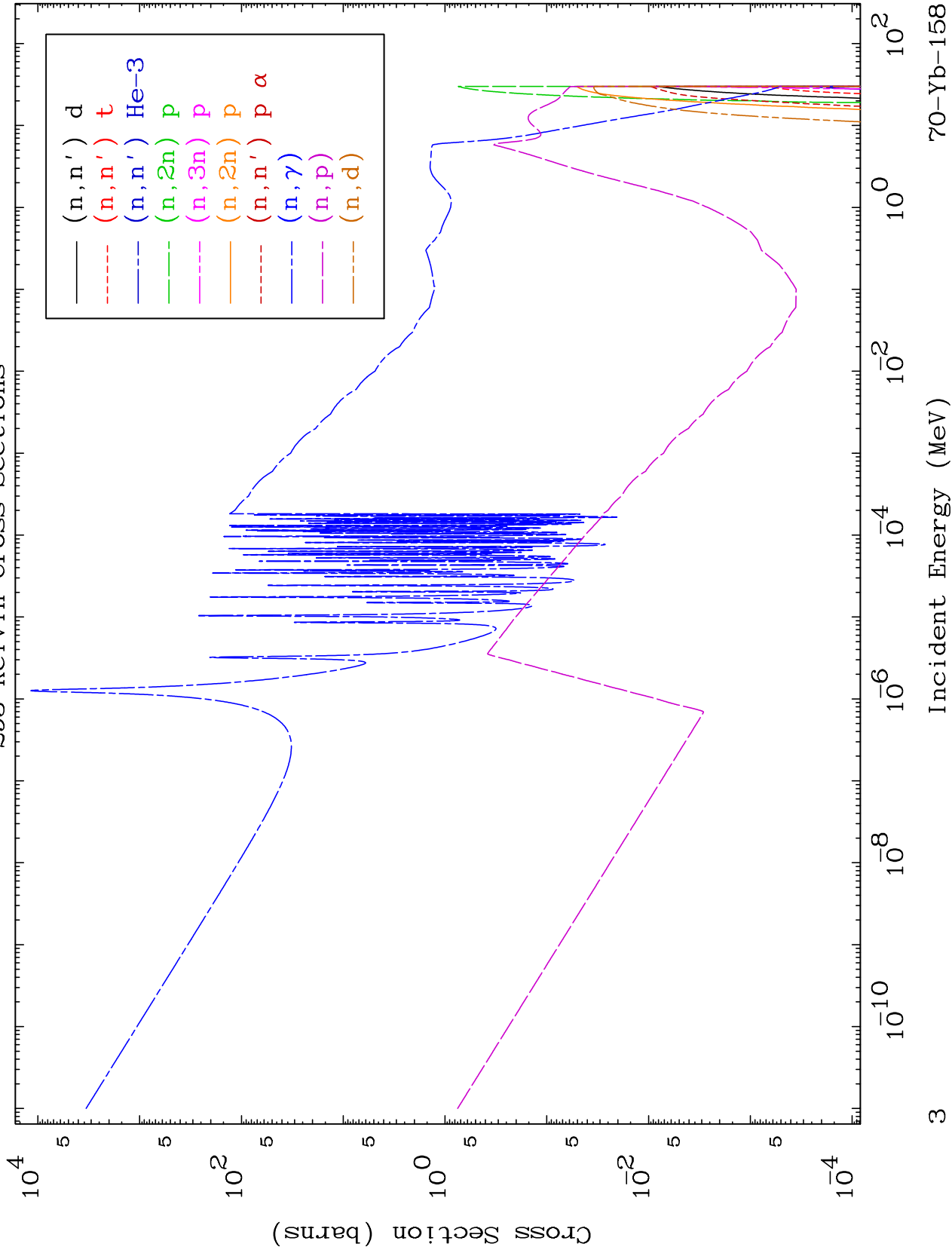


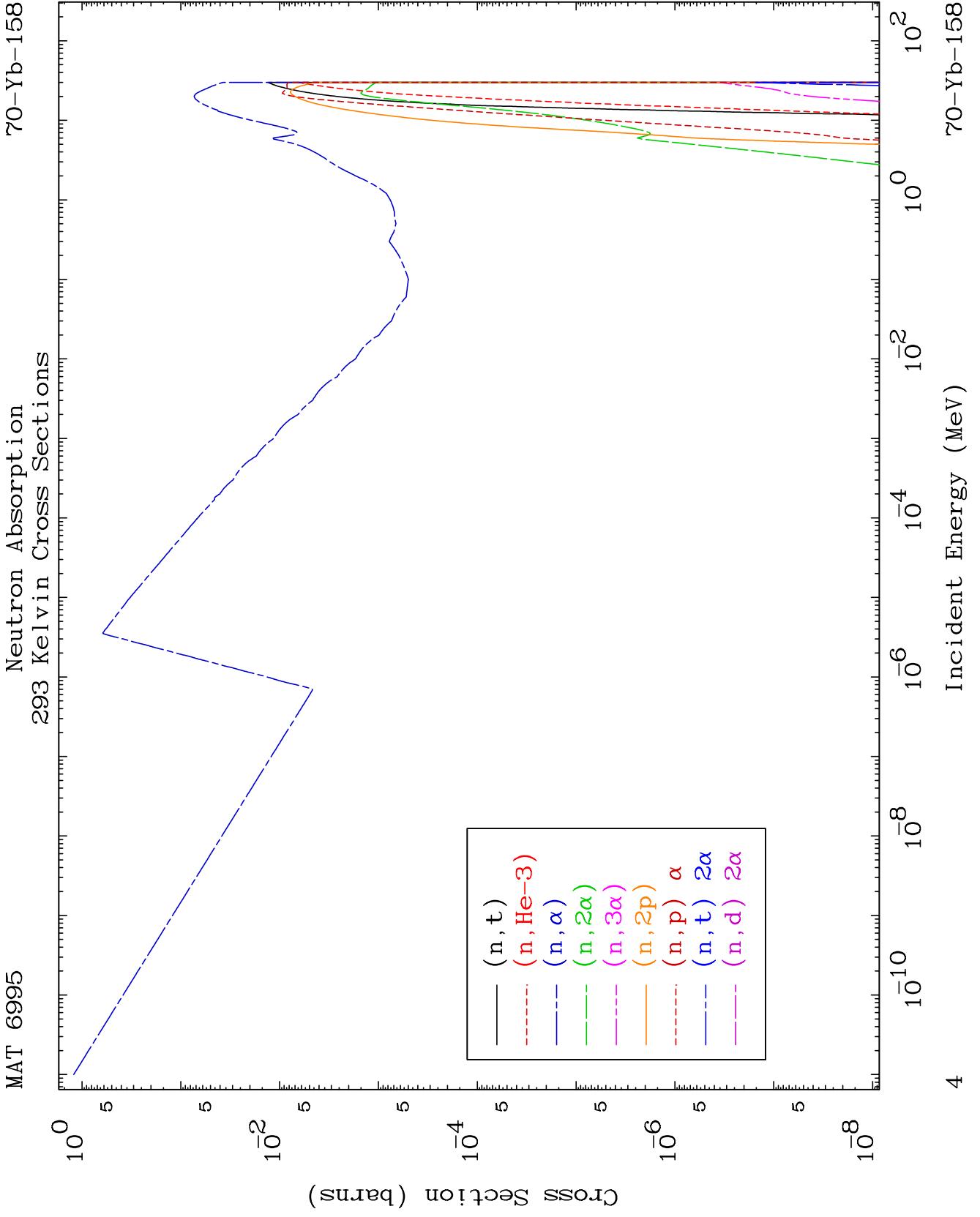
MAT 6995

Neutron Absorption
293 Kelvin Cross Sections

70-Yb-158



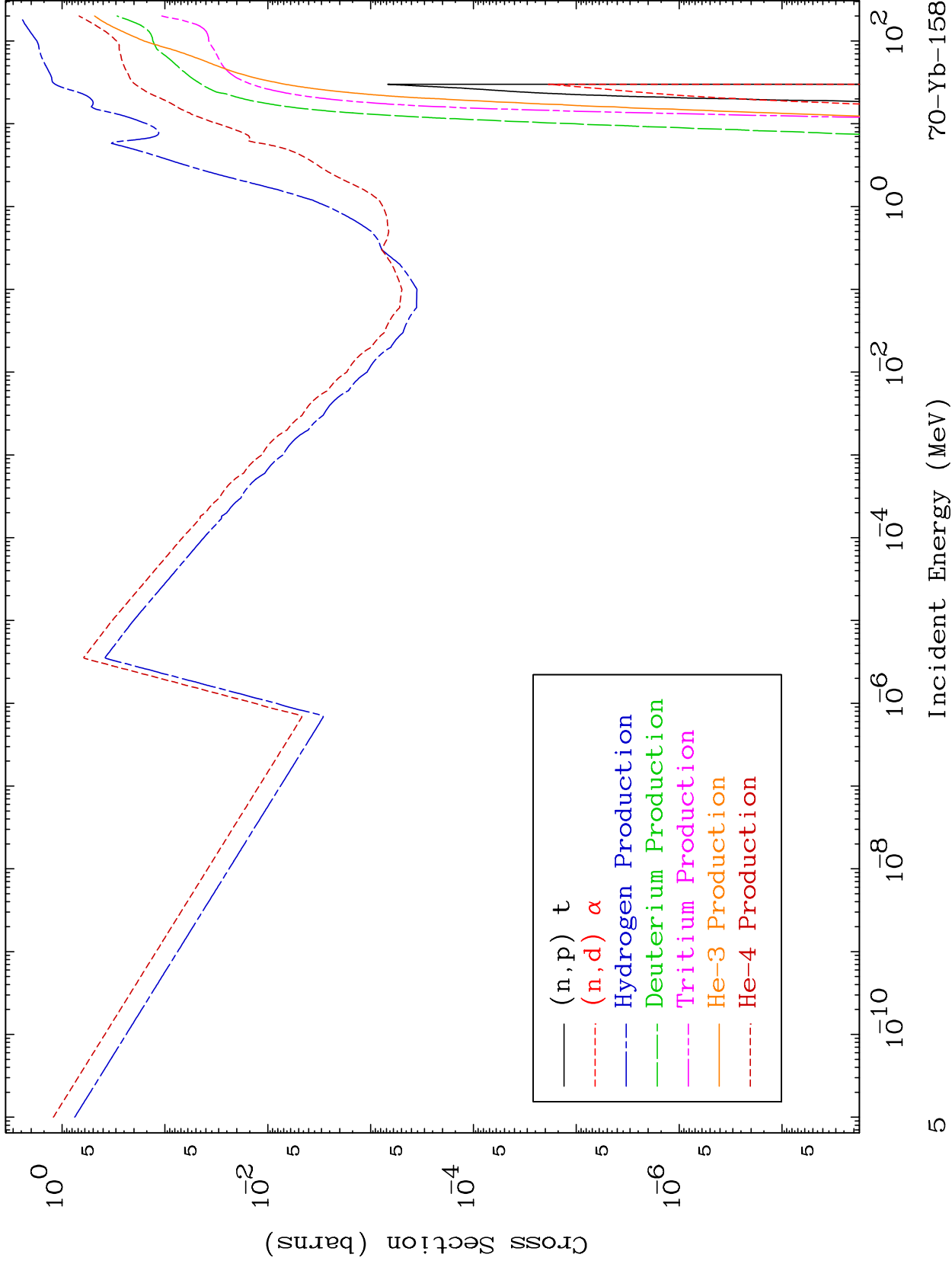




MAT 6995

Neutron Absorption
293 Kelvin Cross Sections

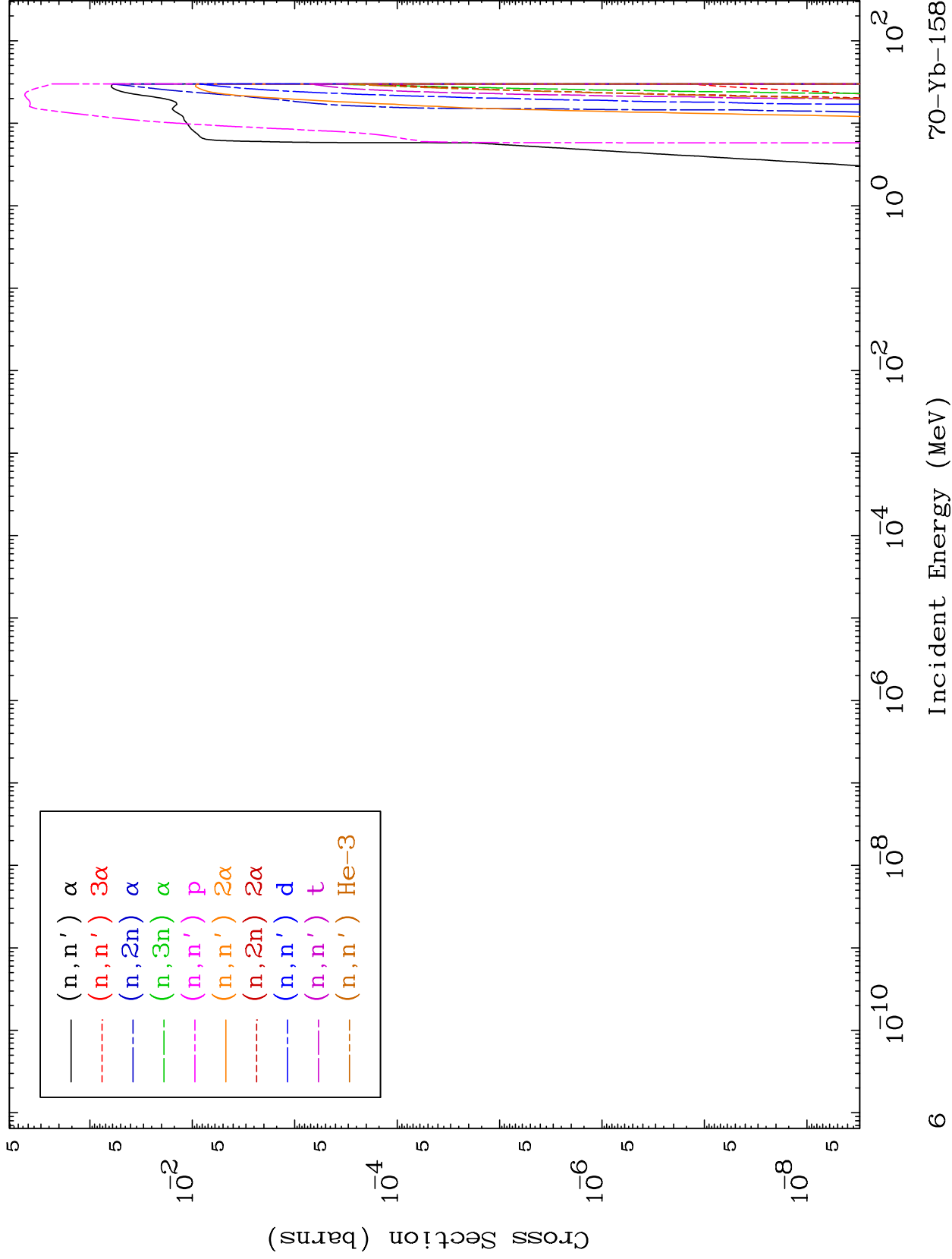
70-Yb-158



MAT 6995

Charged Particle
293 Kelvin Cross Sections

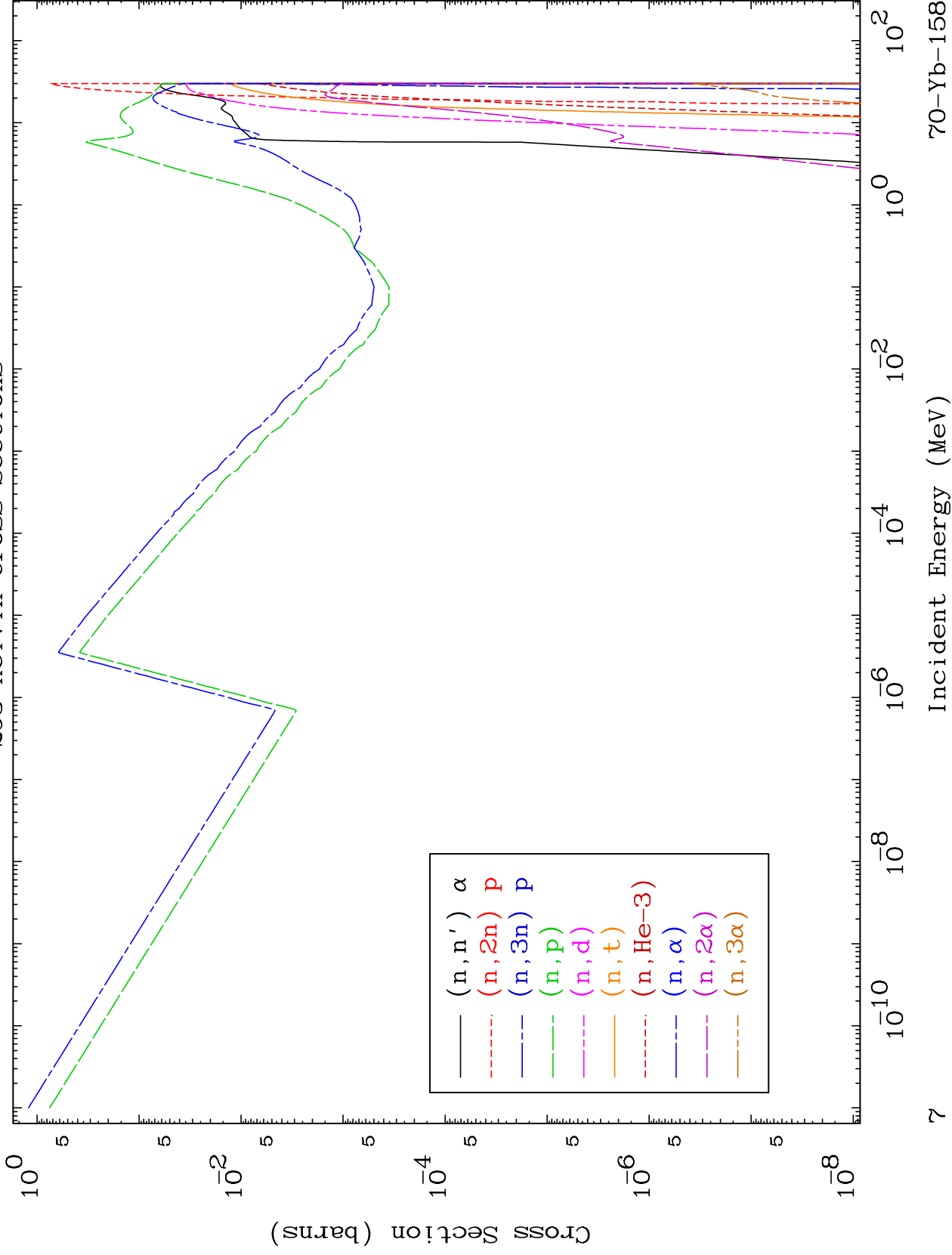
70-Yb-158



MAT 6995

Charged Particle
293 Kelvin Cross Sections

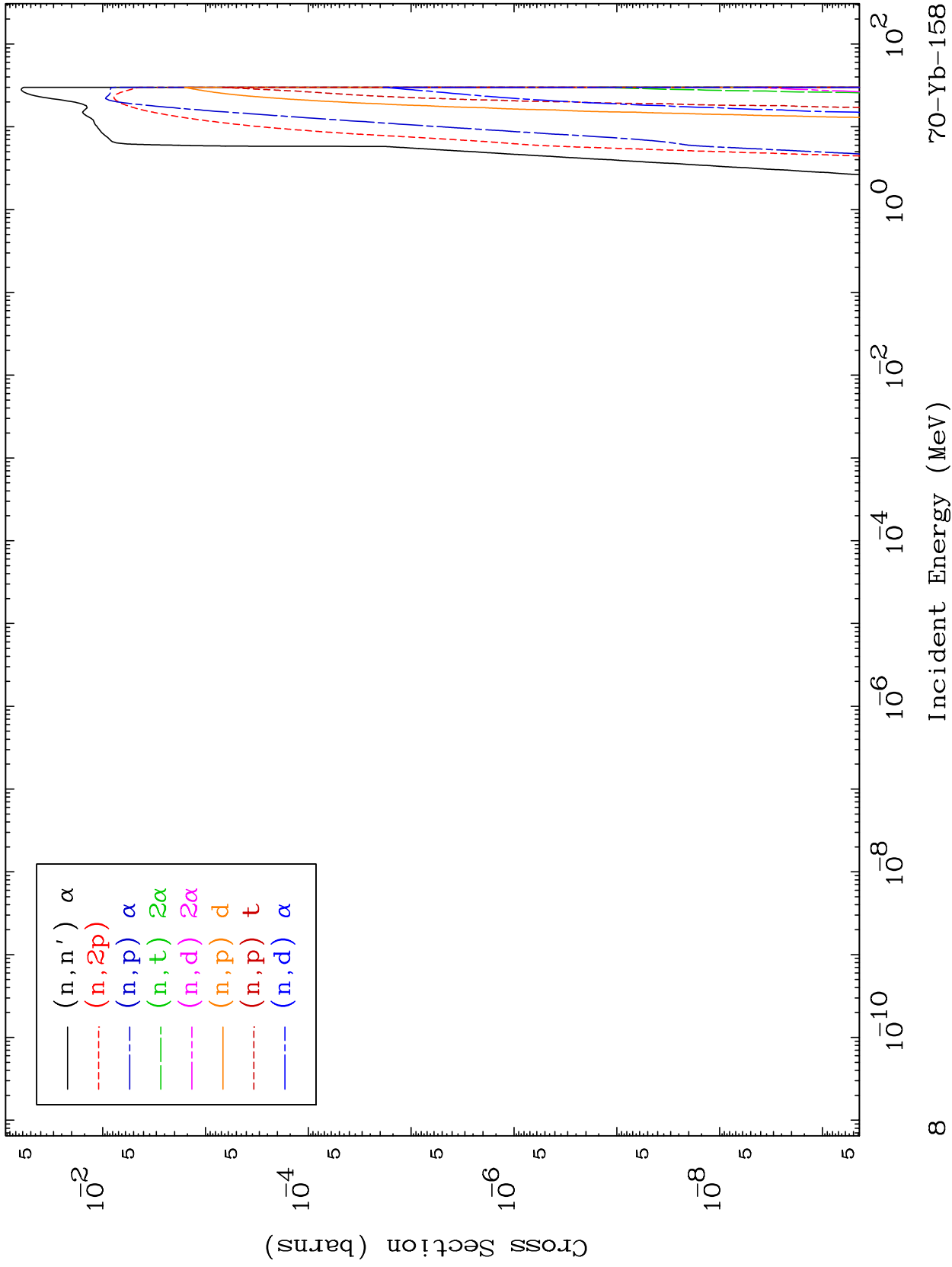
70-Yb-158



MAT 6995

Charged Particle
293 Kelvin Cross Sections

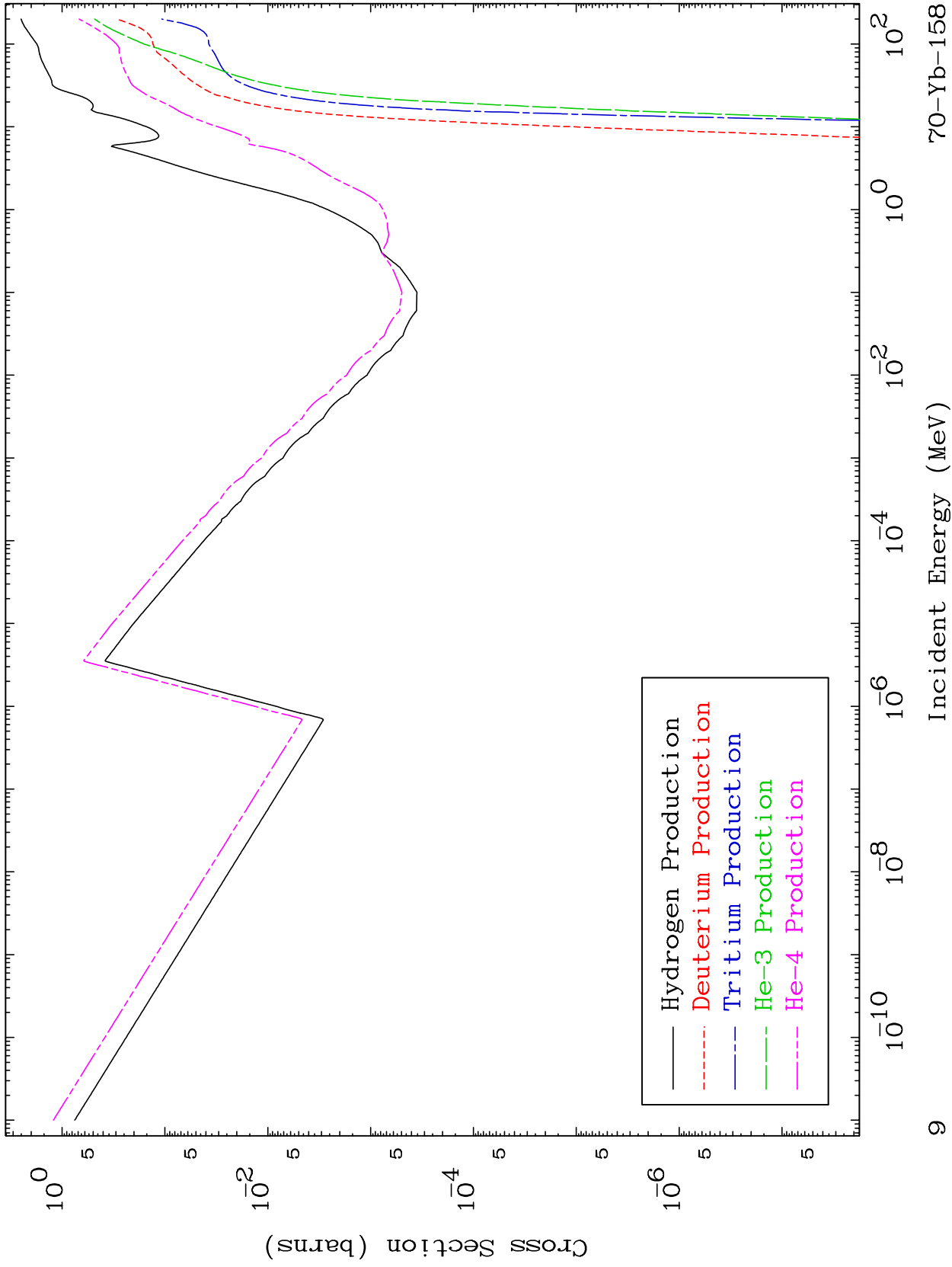
70-Yb-158



MAT 6995

Particle Production
293 Kelvin Cross Sections

70-Yb-158

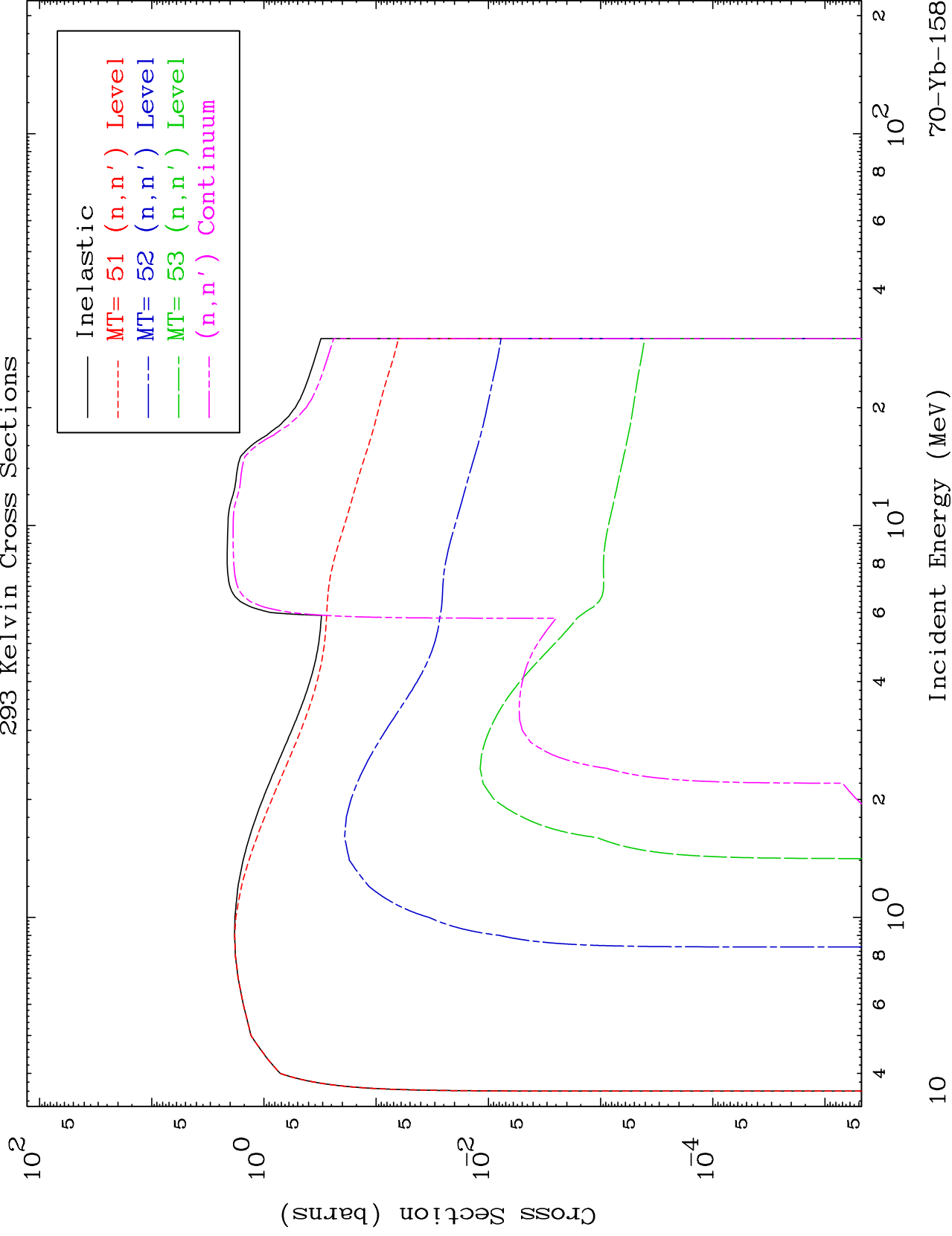


MAT 6995

(n,n') Levels

293 Kelvin Cross Sections

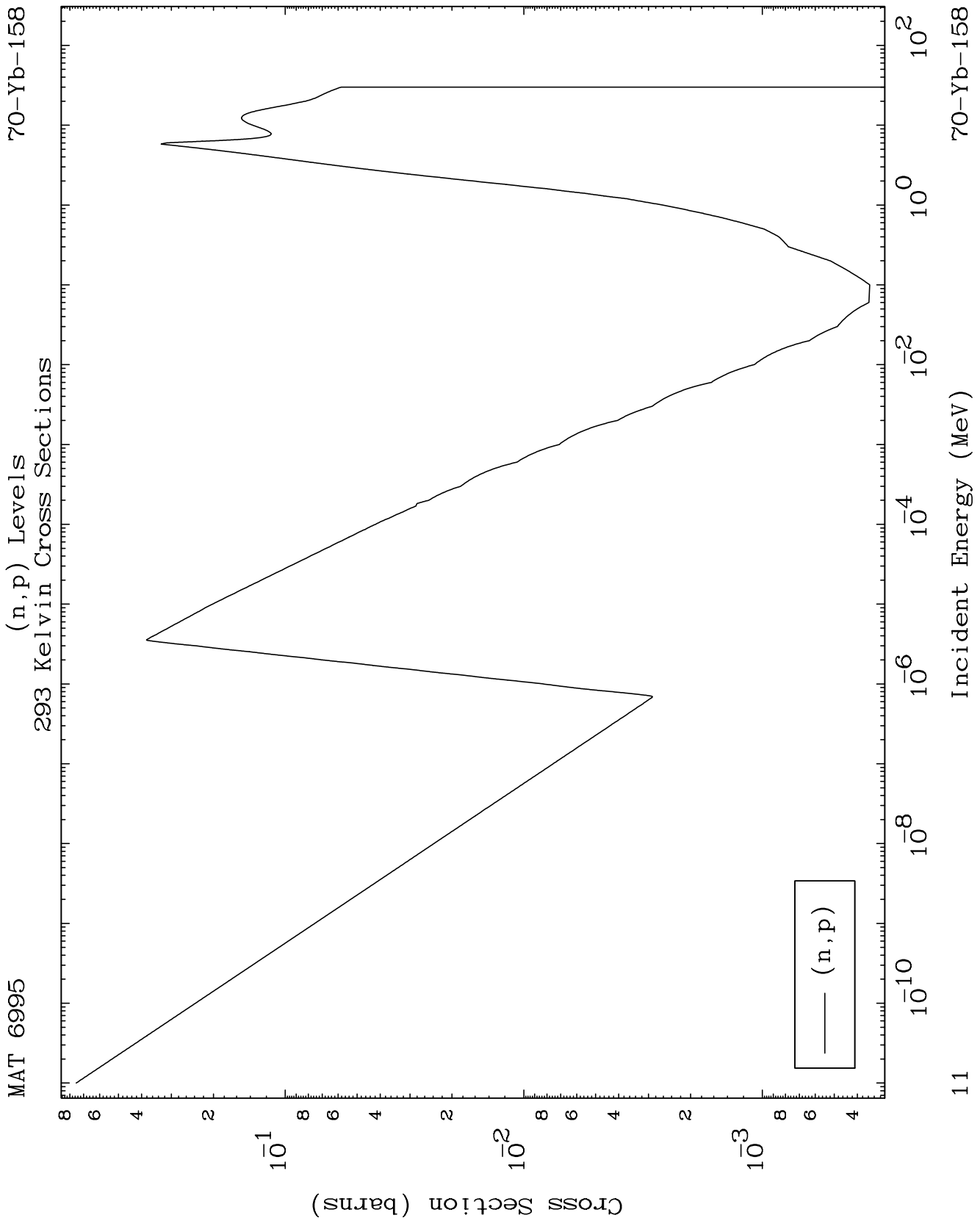
70-Yb-158



70-Yb-158

Incident Energy (MeV)

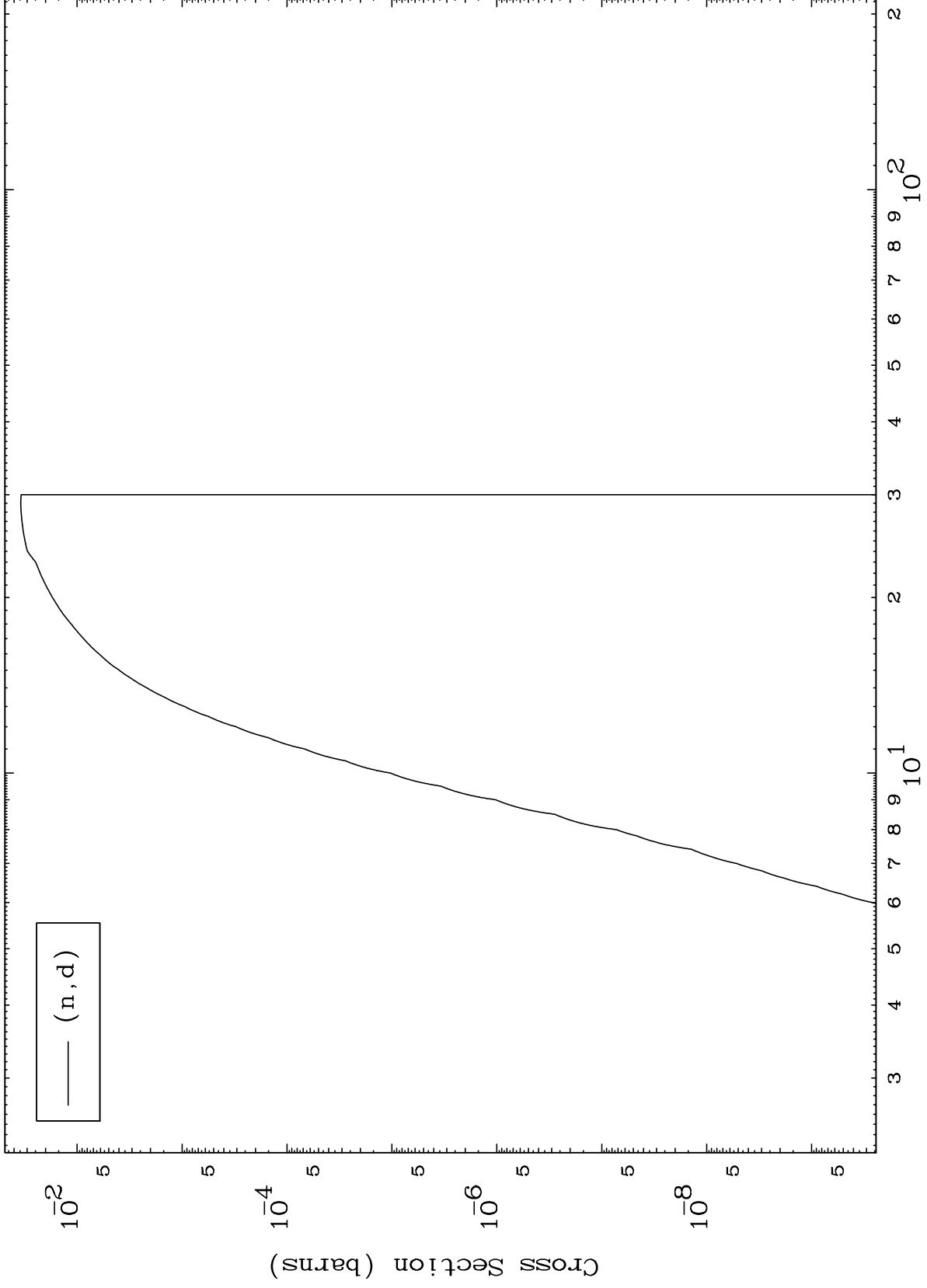
10



MAT 6995

(n,d) Levels
293 Kelvin Cross Sections

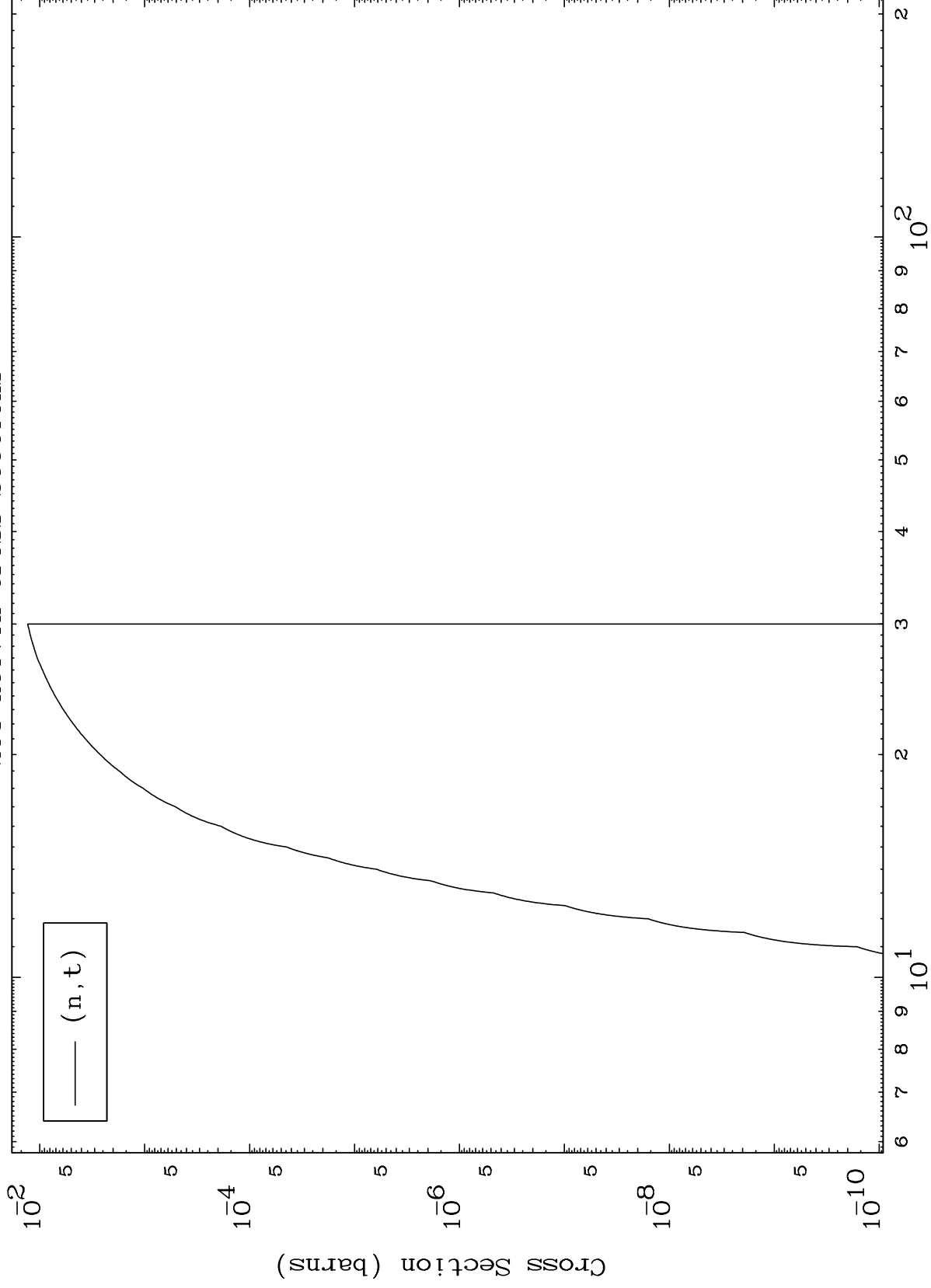
70-Yb-158



MAT 6995

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-158



13

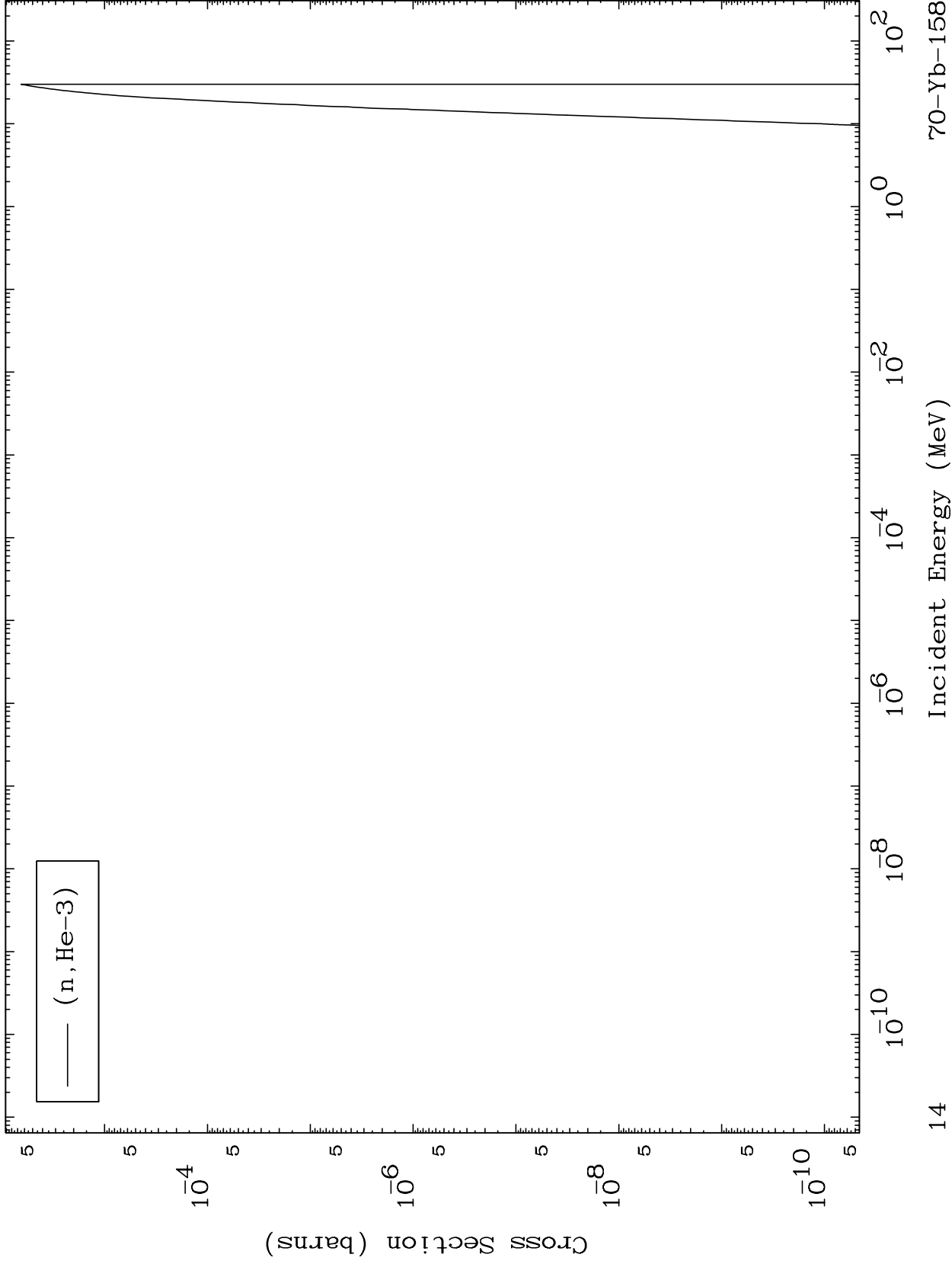
Incident Energy (MeV)

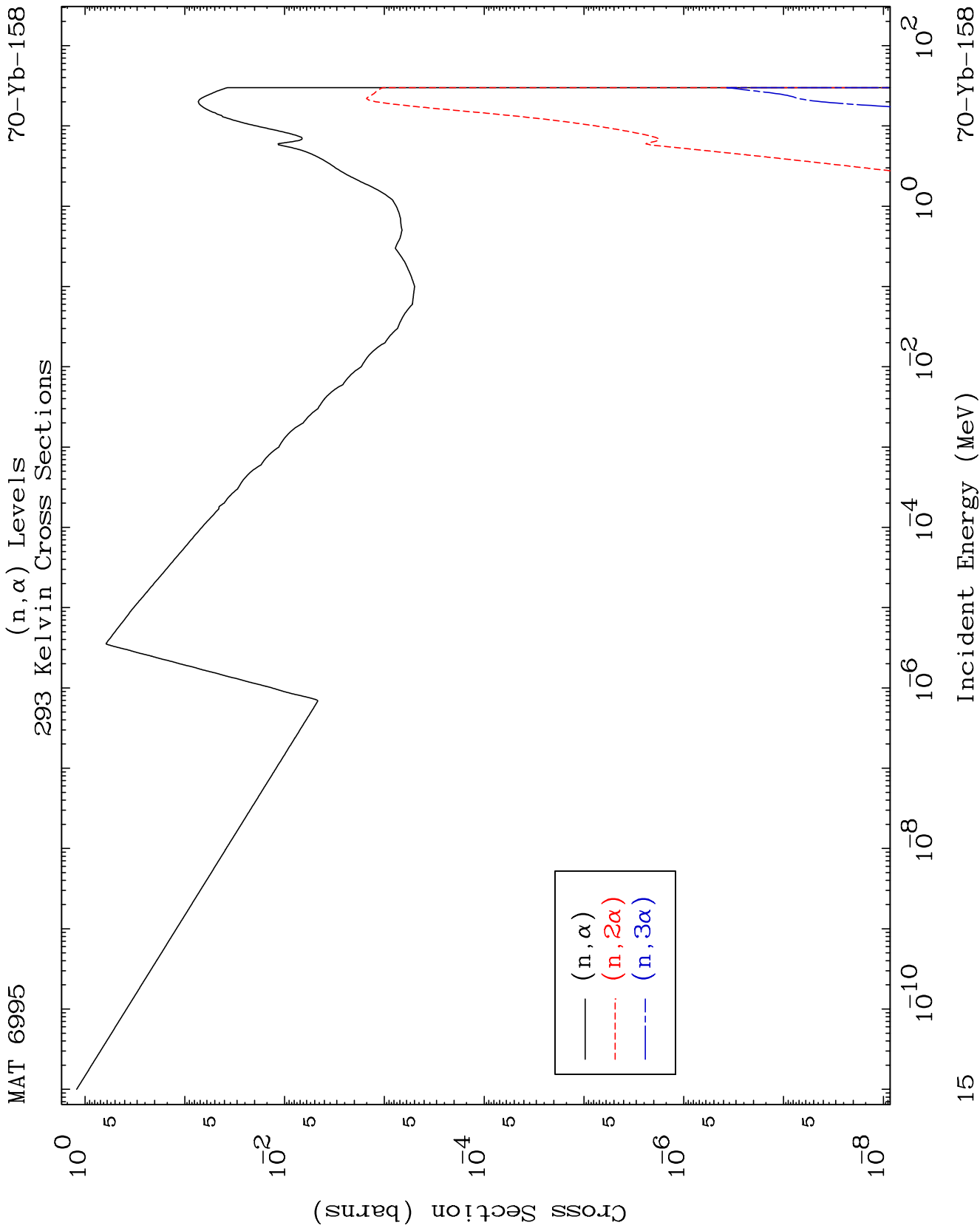
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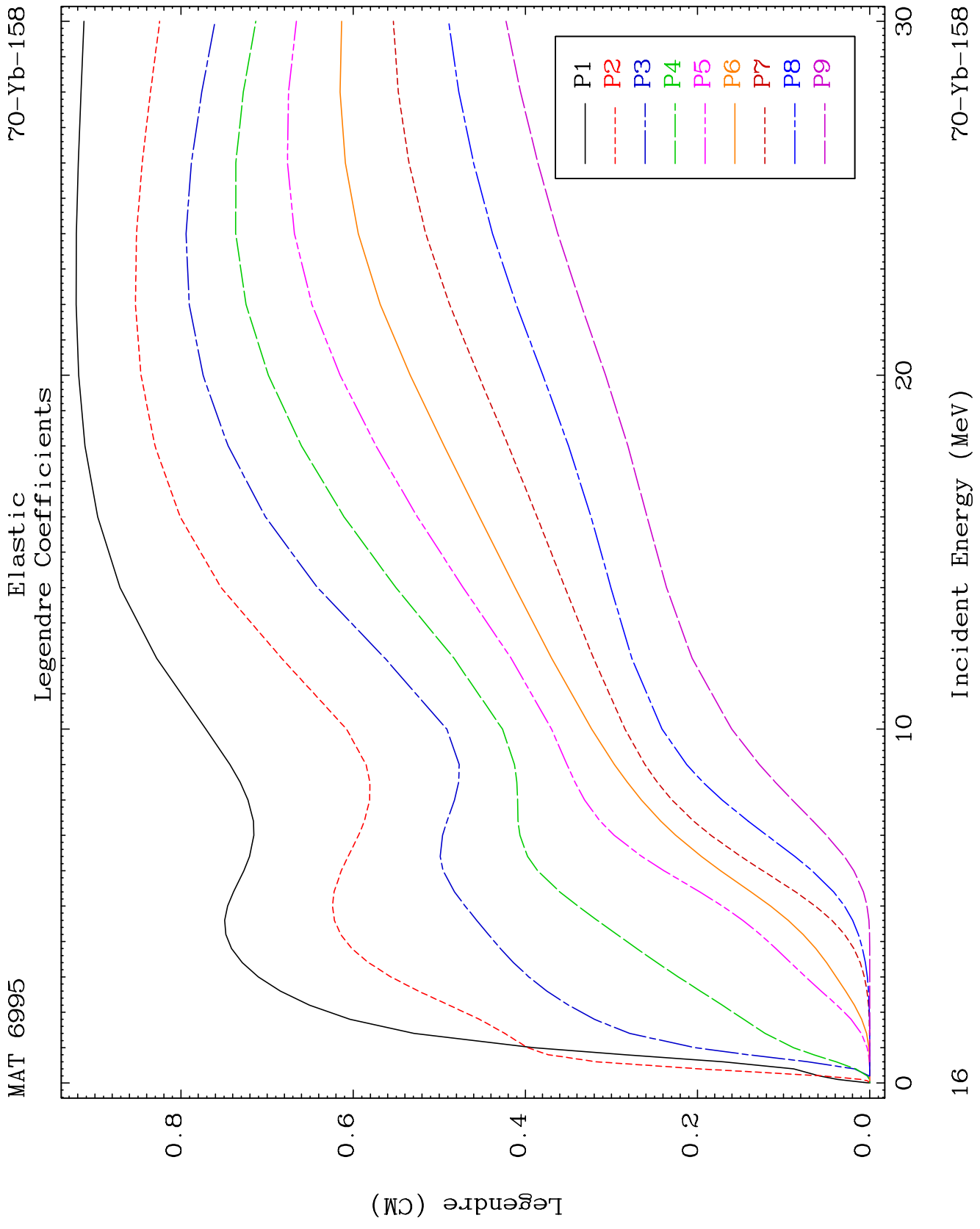
MAT 6995

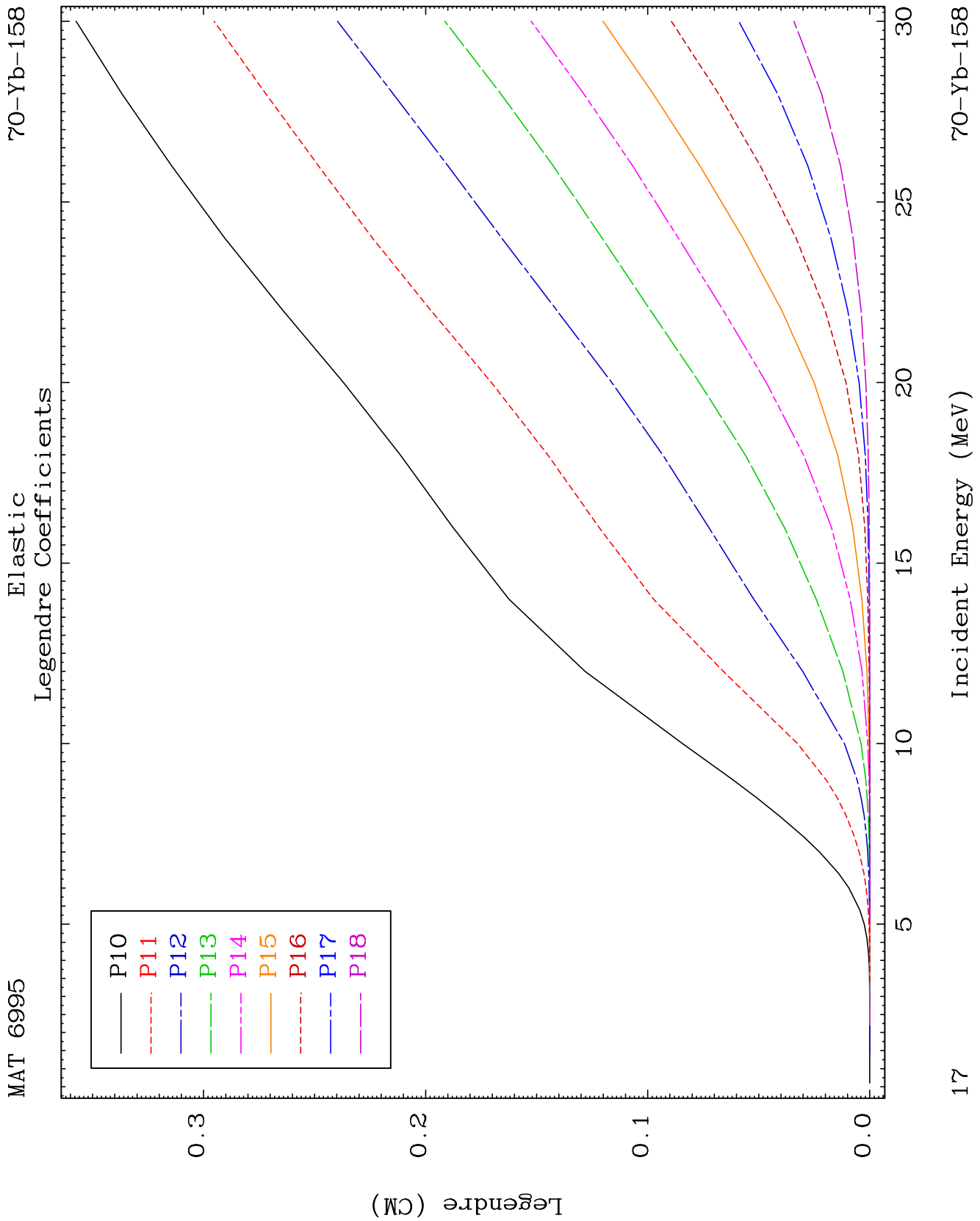
(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-158





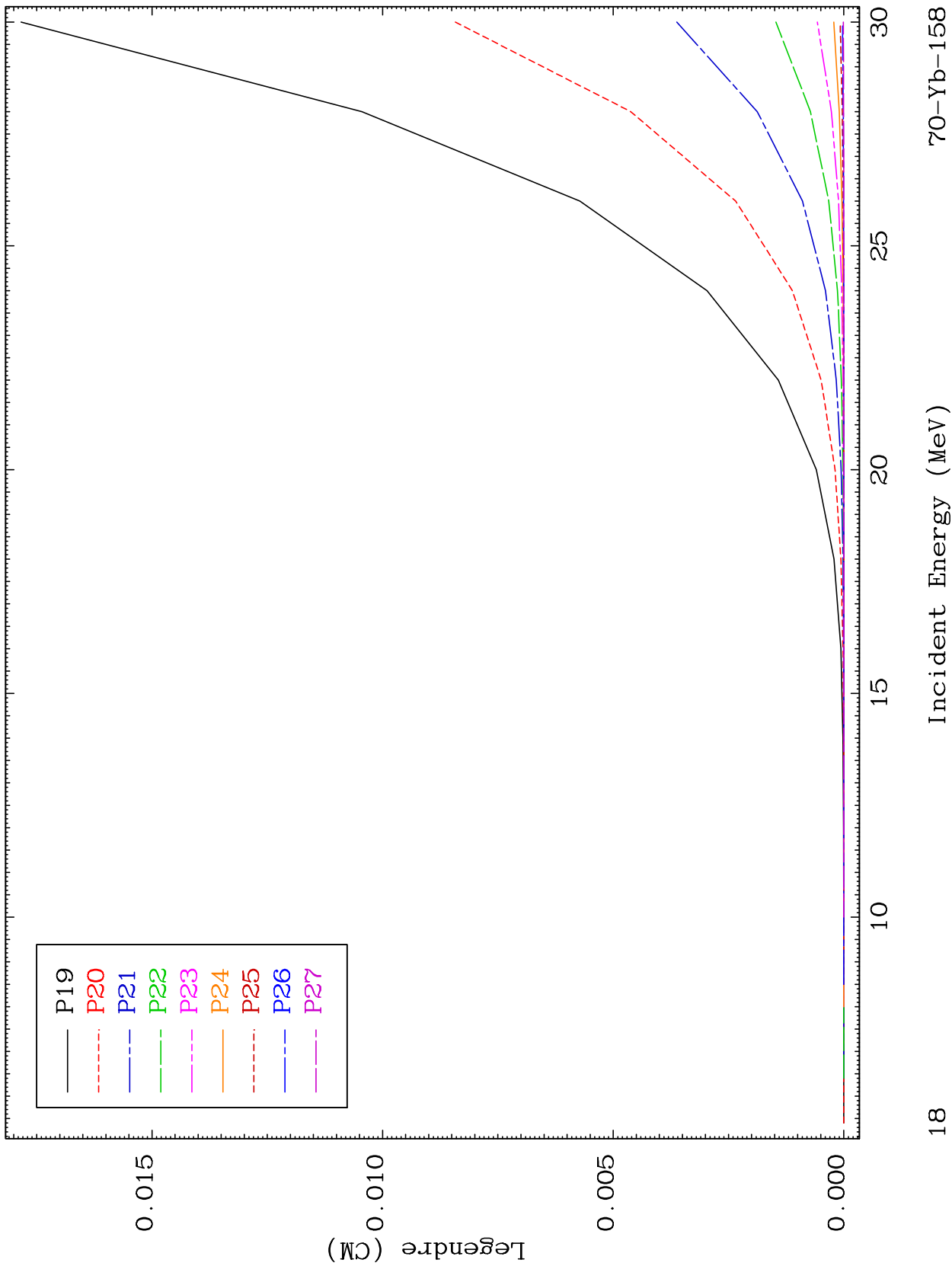




MAT 6995

Elastic Legendre Coefficients

70-Yb-158



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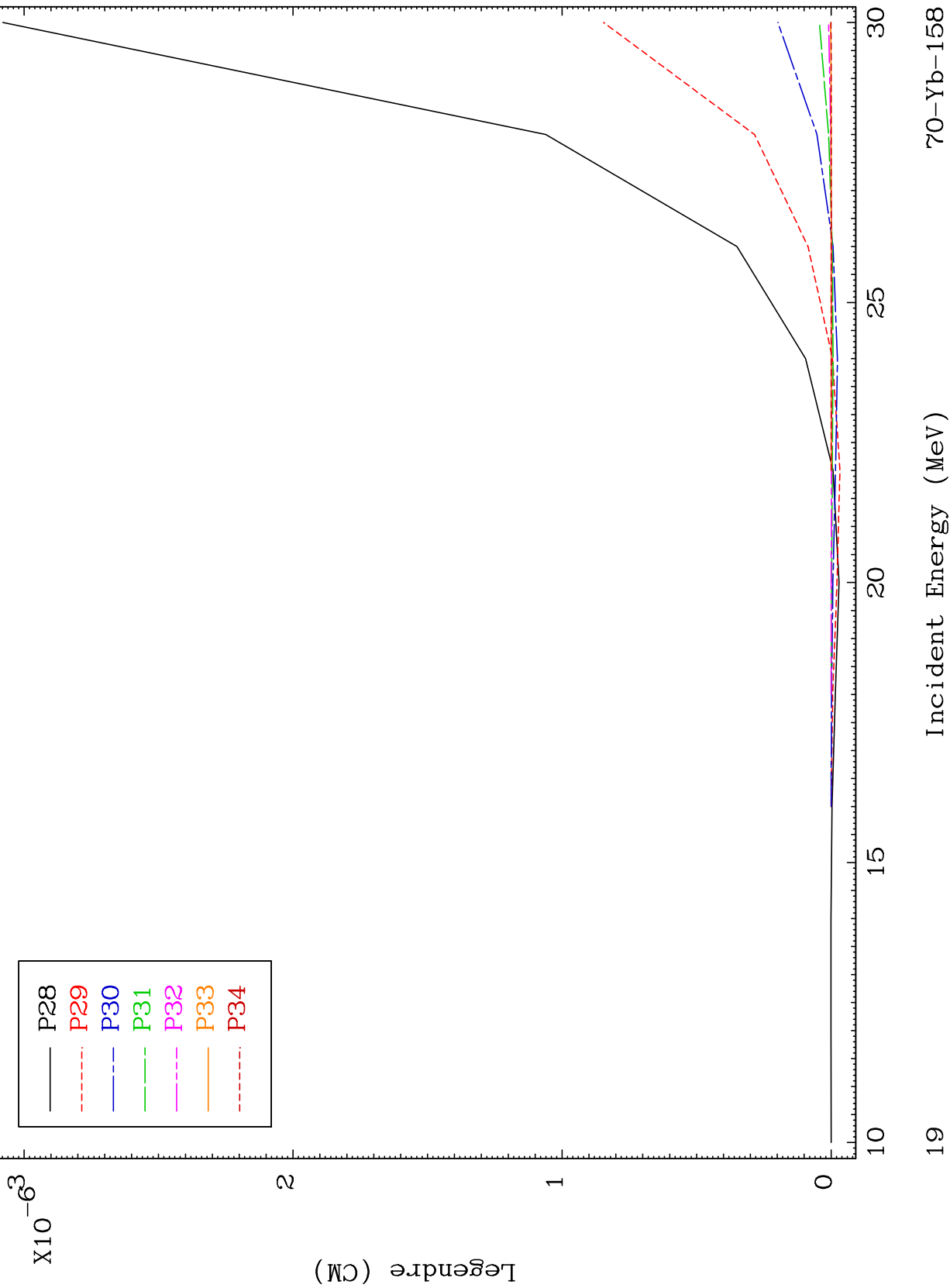
Incident Energy (MeV)

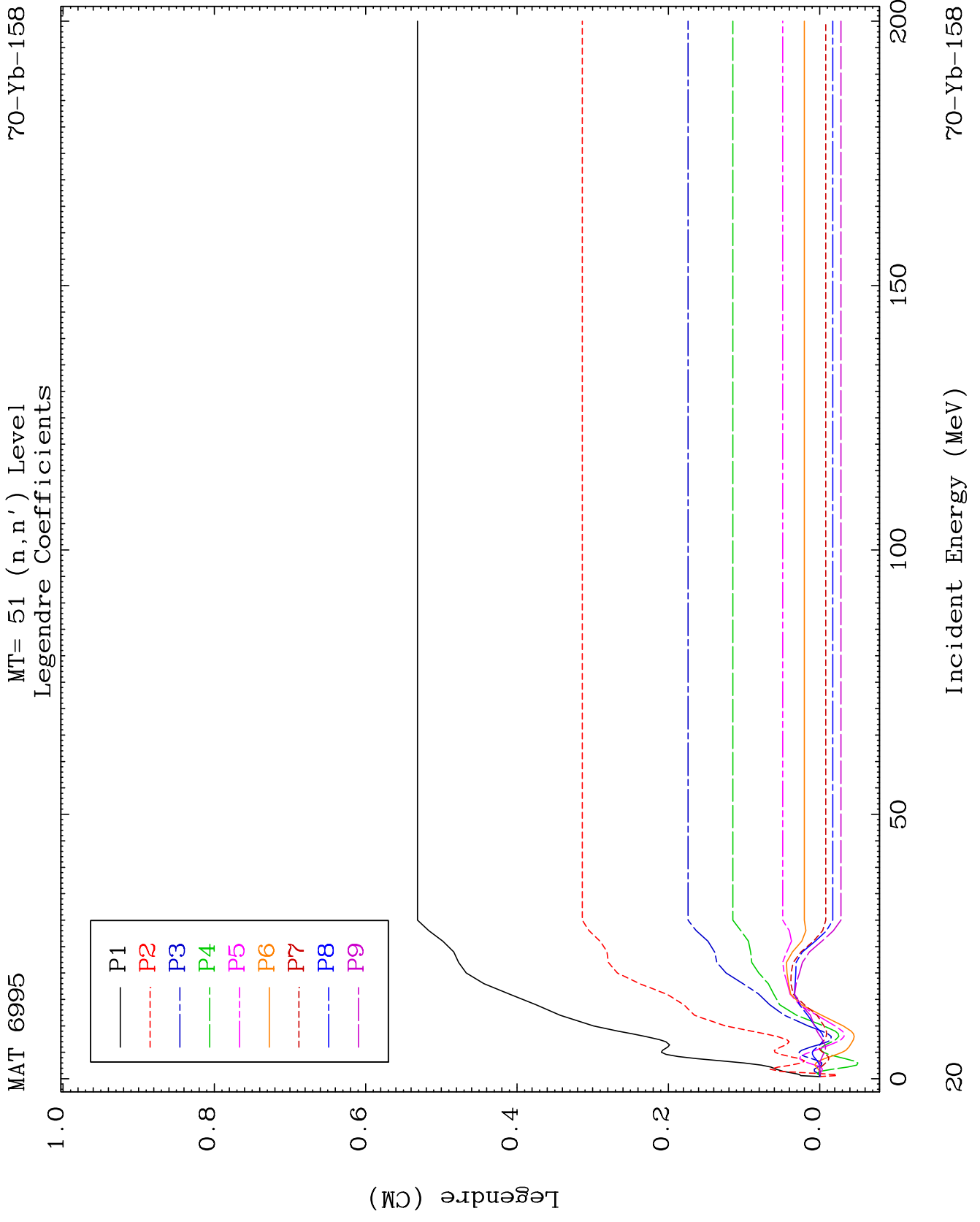
70-Yb-158

MAT 6995

Elastic Legendre Coefficients

70-Yb-158

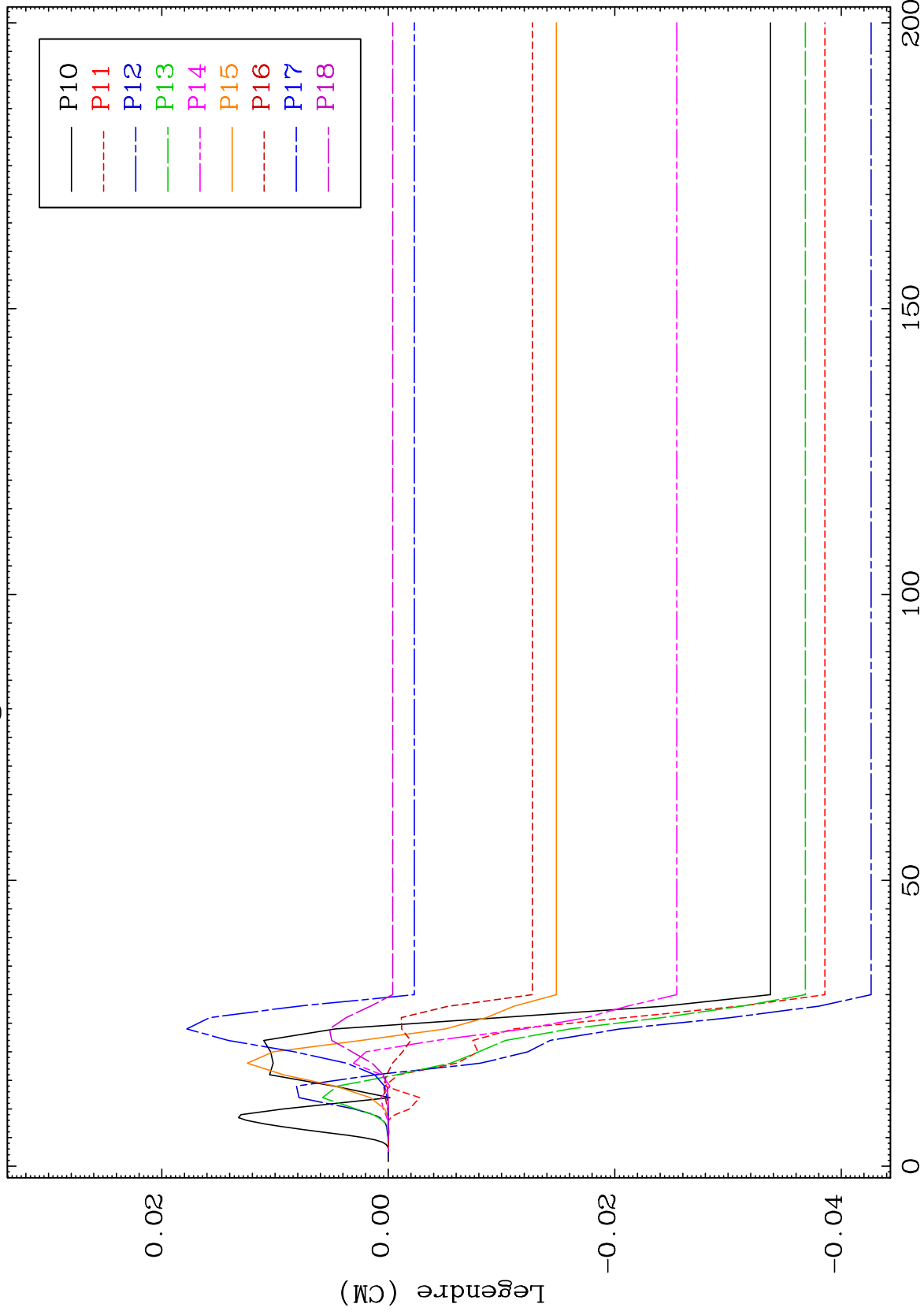




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MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-158



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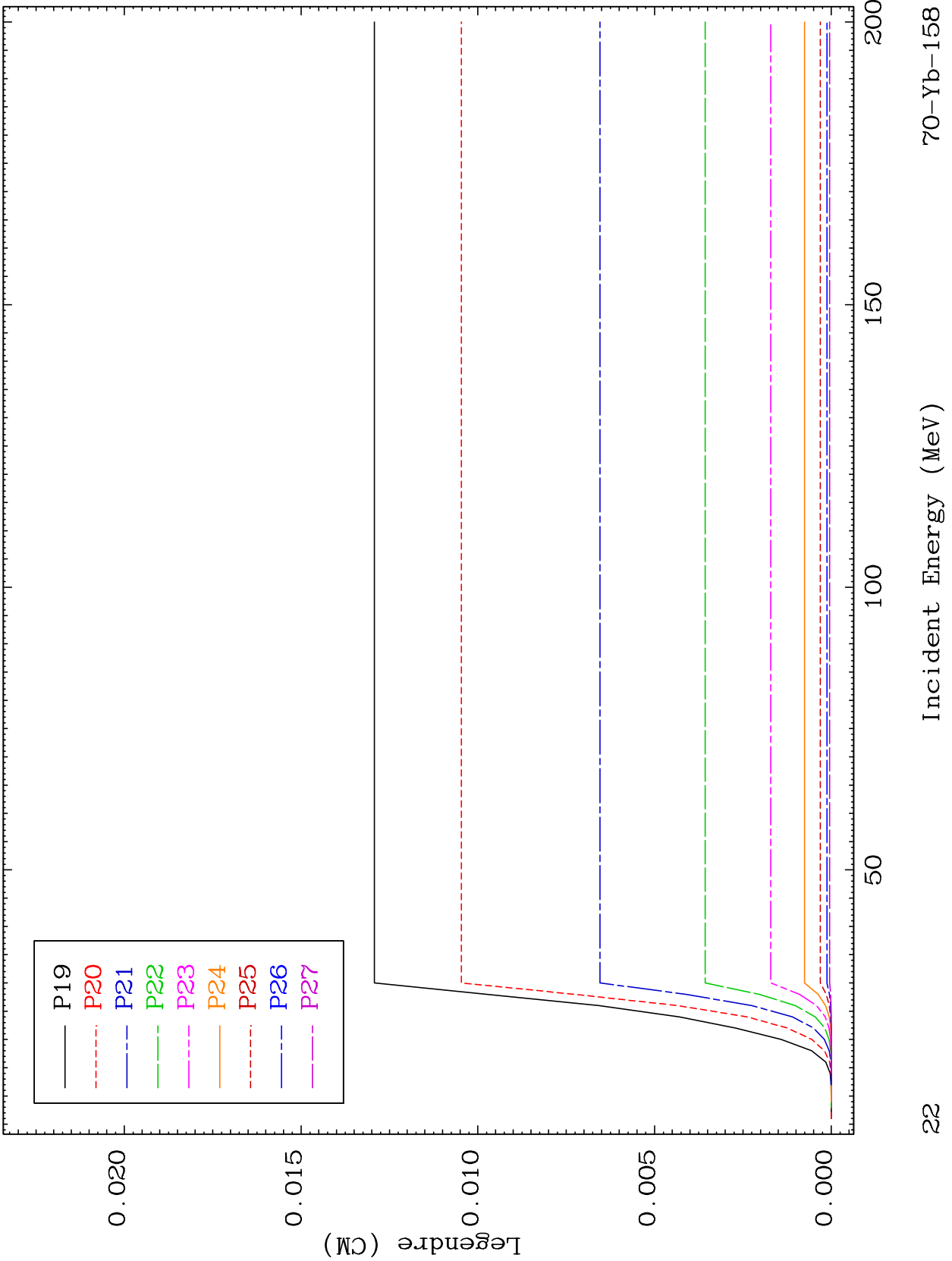
Incident Energy (MeV)

70-Yb-158

MAT 6995

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

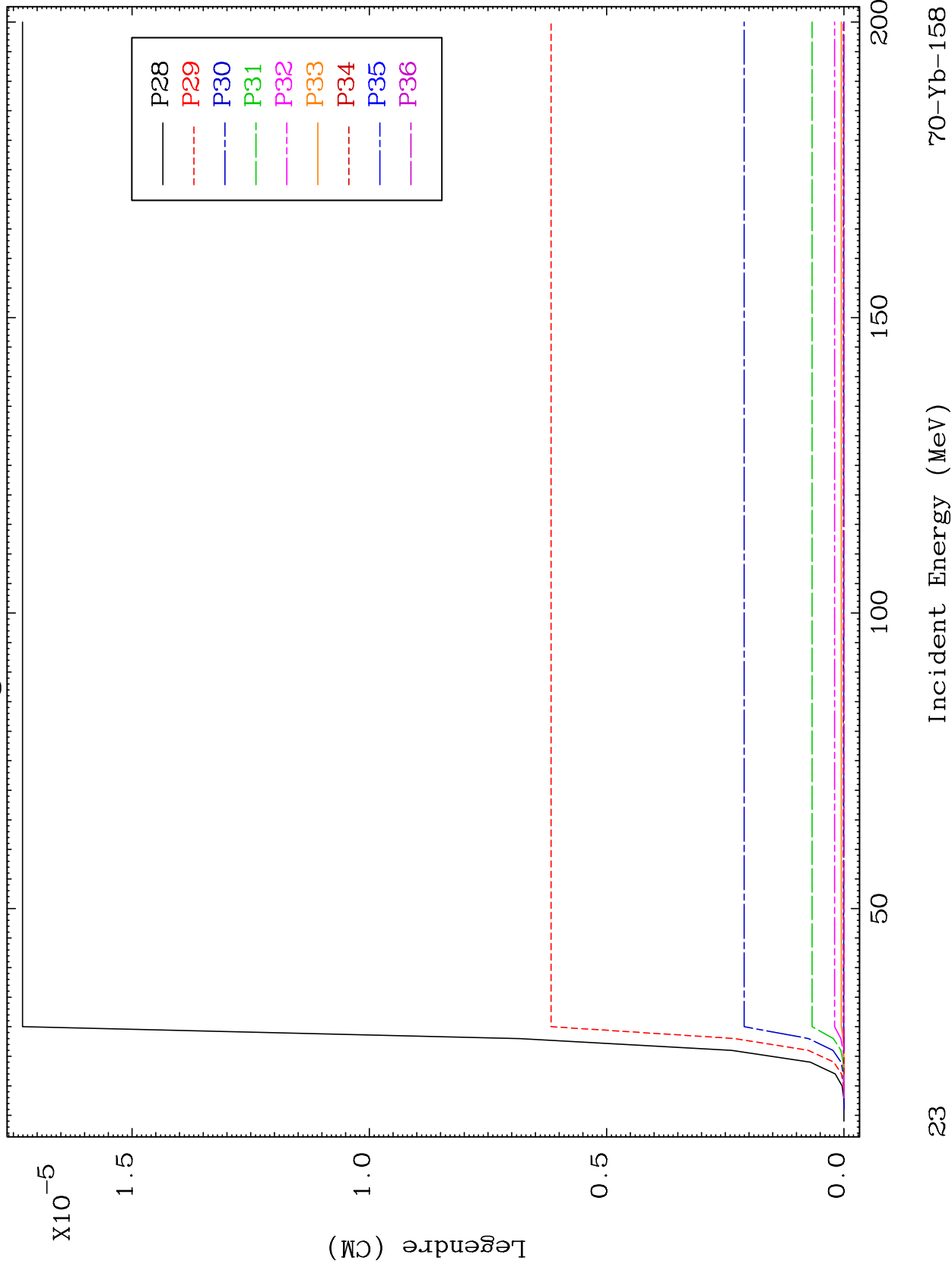
70-Yb-158



MAT 6995

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

70-Yb-158



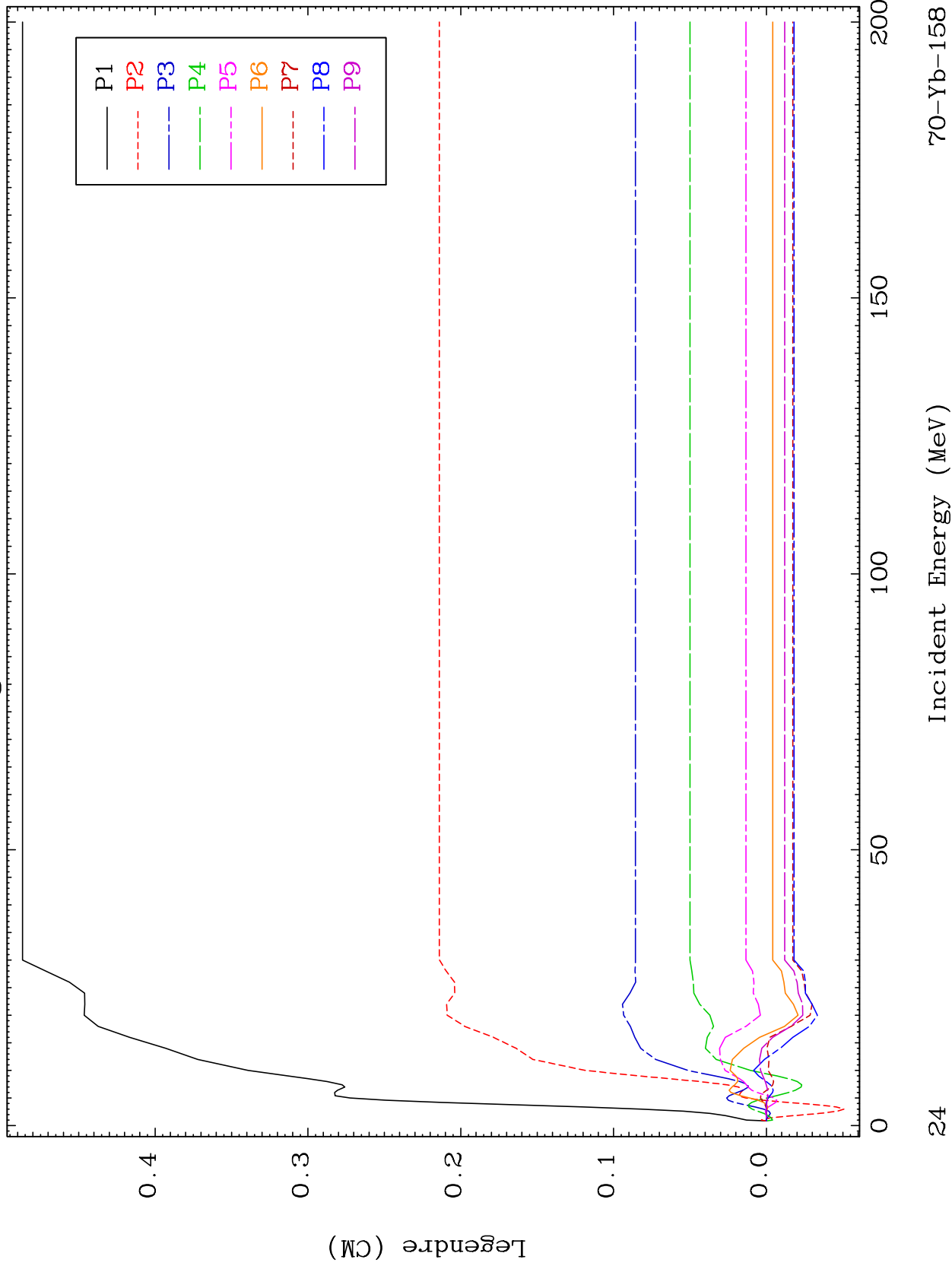
23

70-Yb-158

MAT 6995

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

70-Yb-158



24

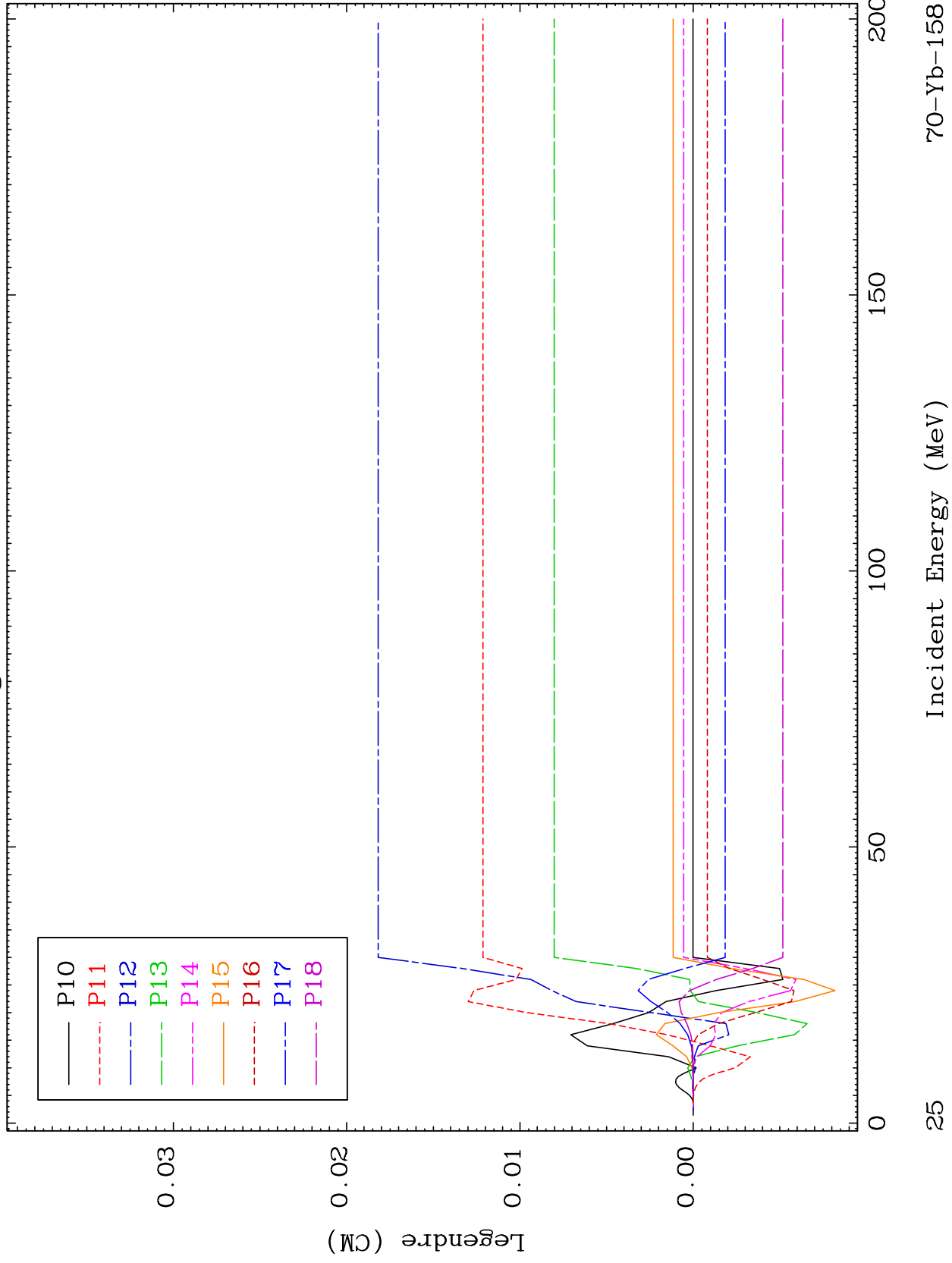
Incident Energy (MeV)

70-Yb-158

MAT 6995

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

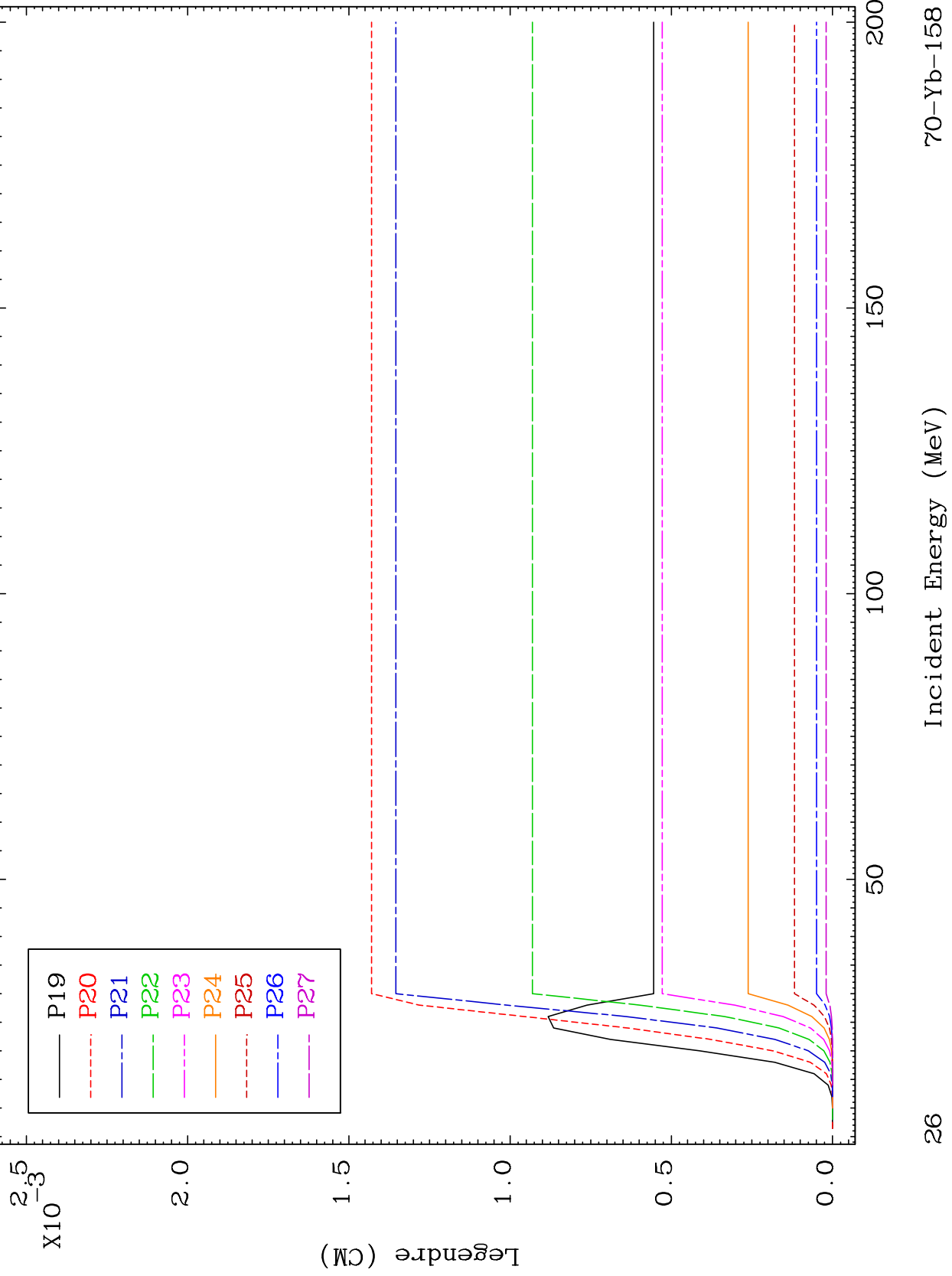
70-Yb-158



MAT 6995

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

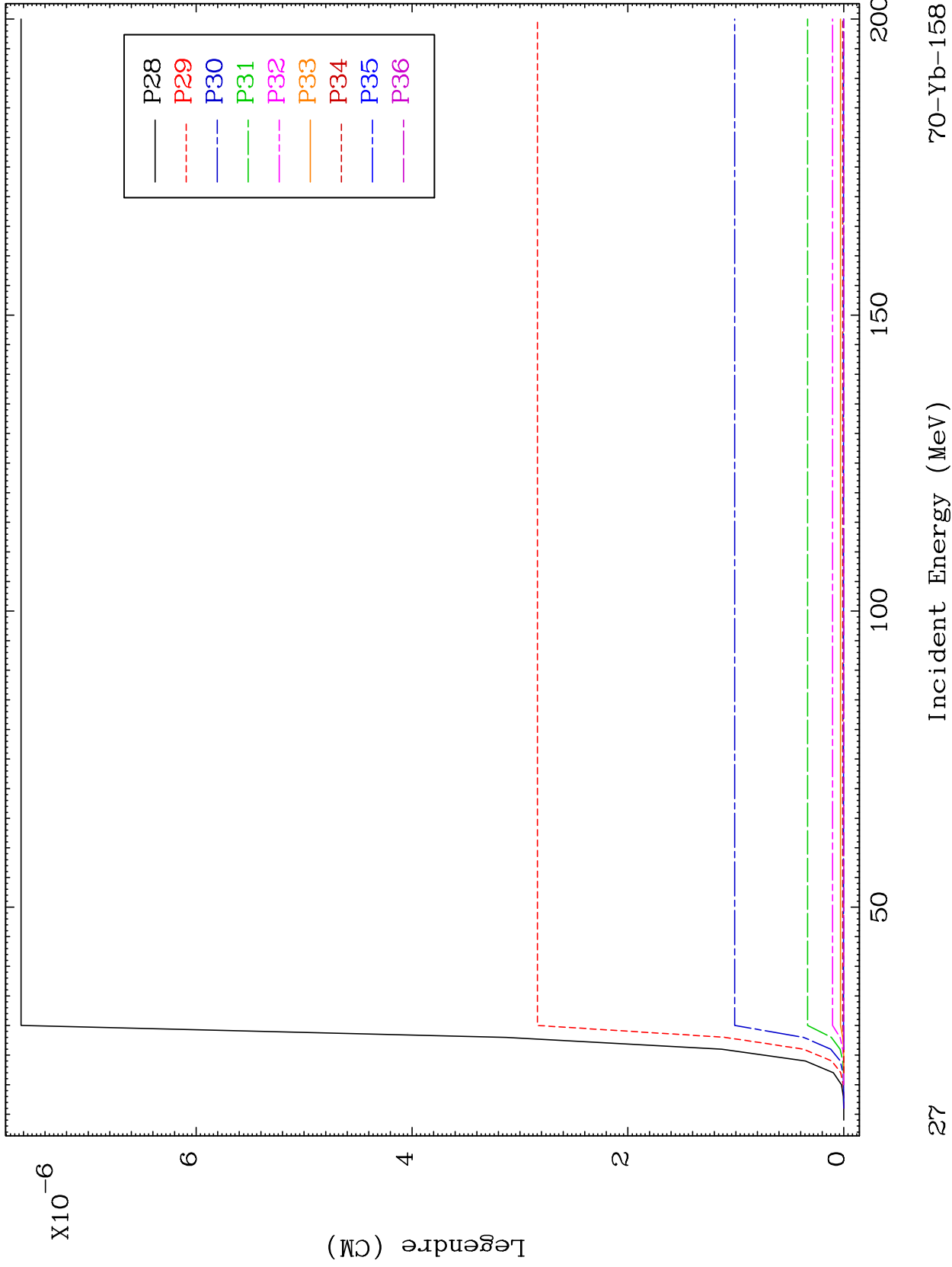
70-Yb-158



MAT 6995

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

70-Yb-158



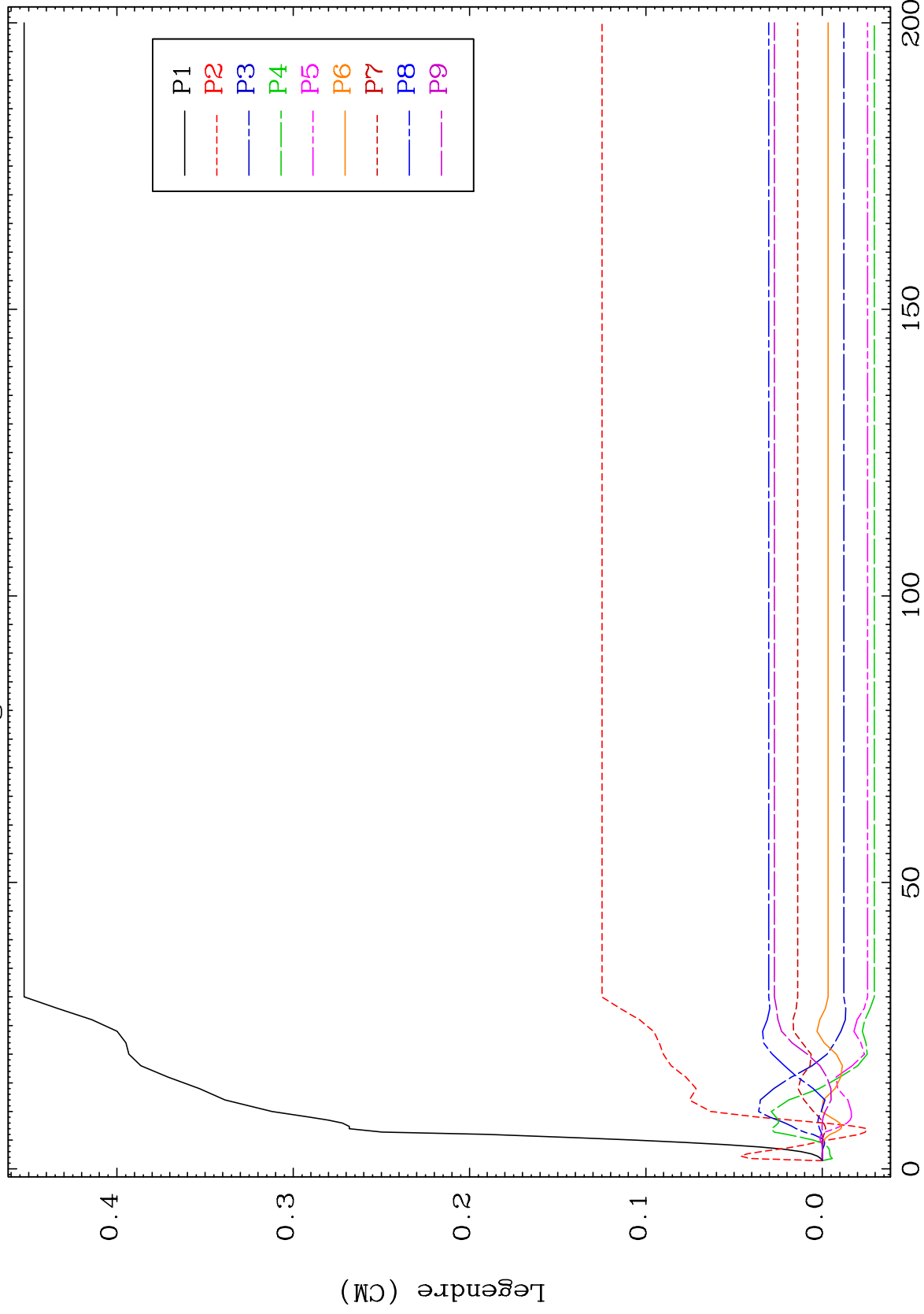
27

70-Yb-158

MAT 6995

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

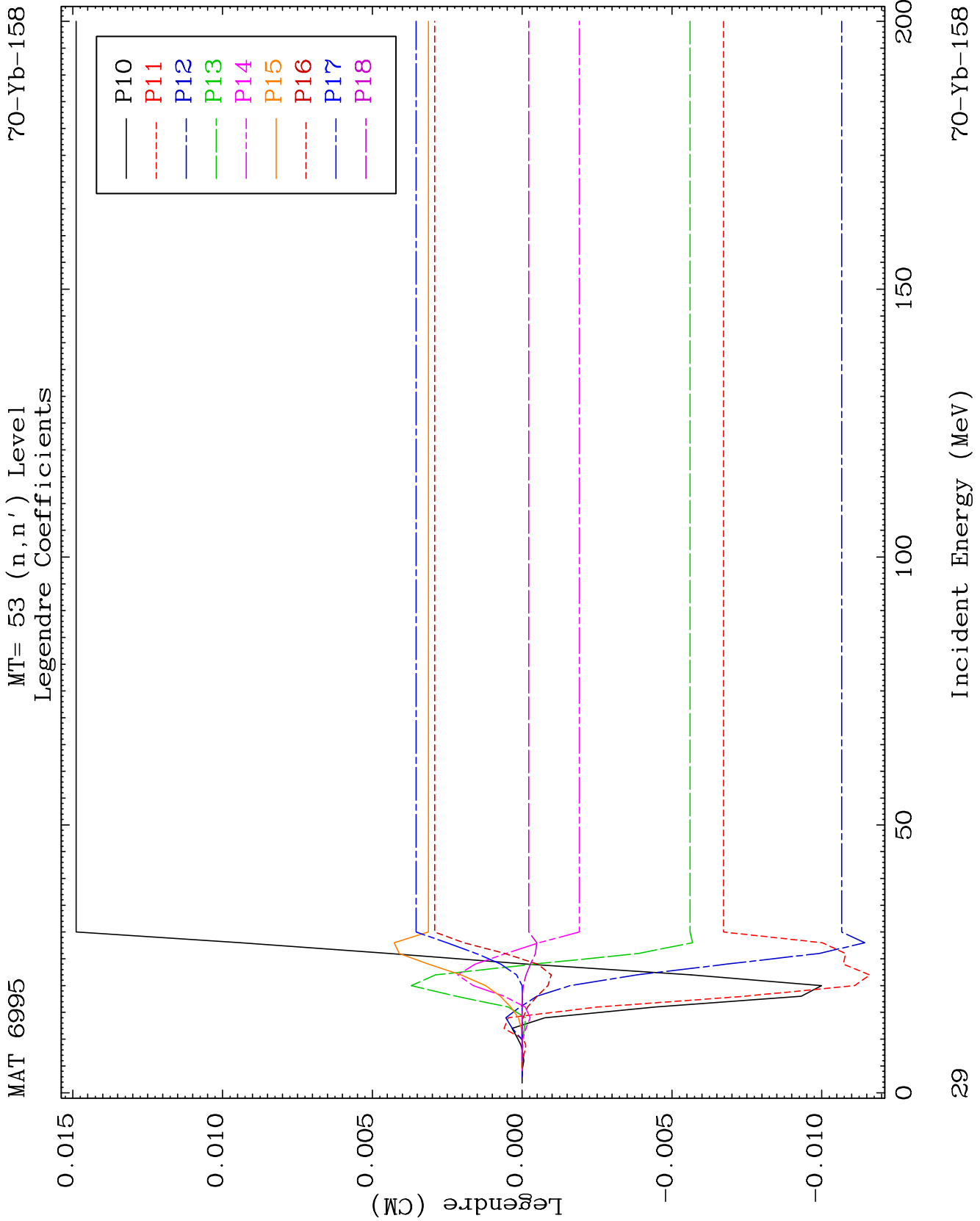
70-Yb-158



28

Incident Energy (MeV)

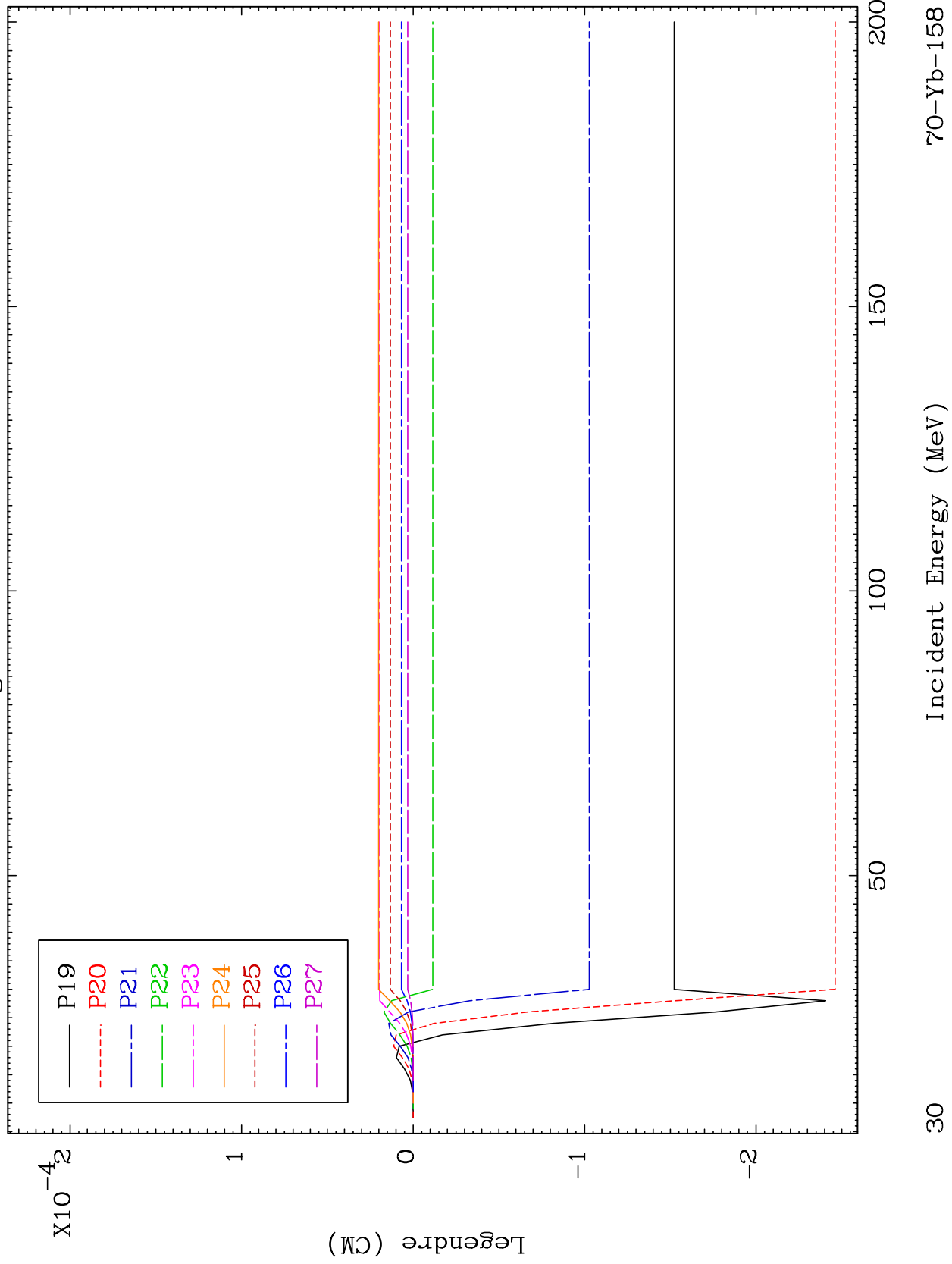
70-Yb-158



MAT 6995

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

70-Yb-158



30

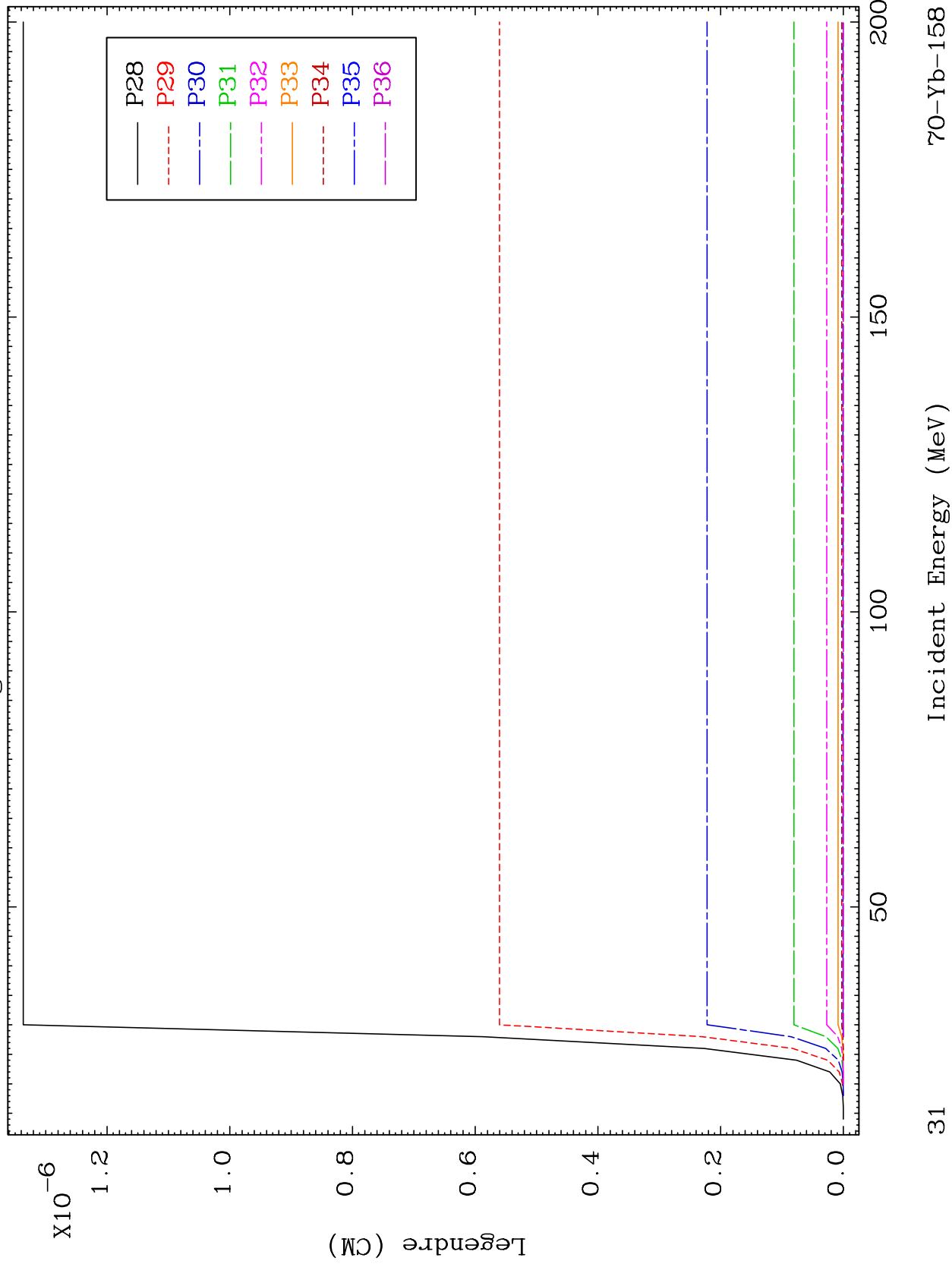
Incident Energy (MeV)

70-Yb-158

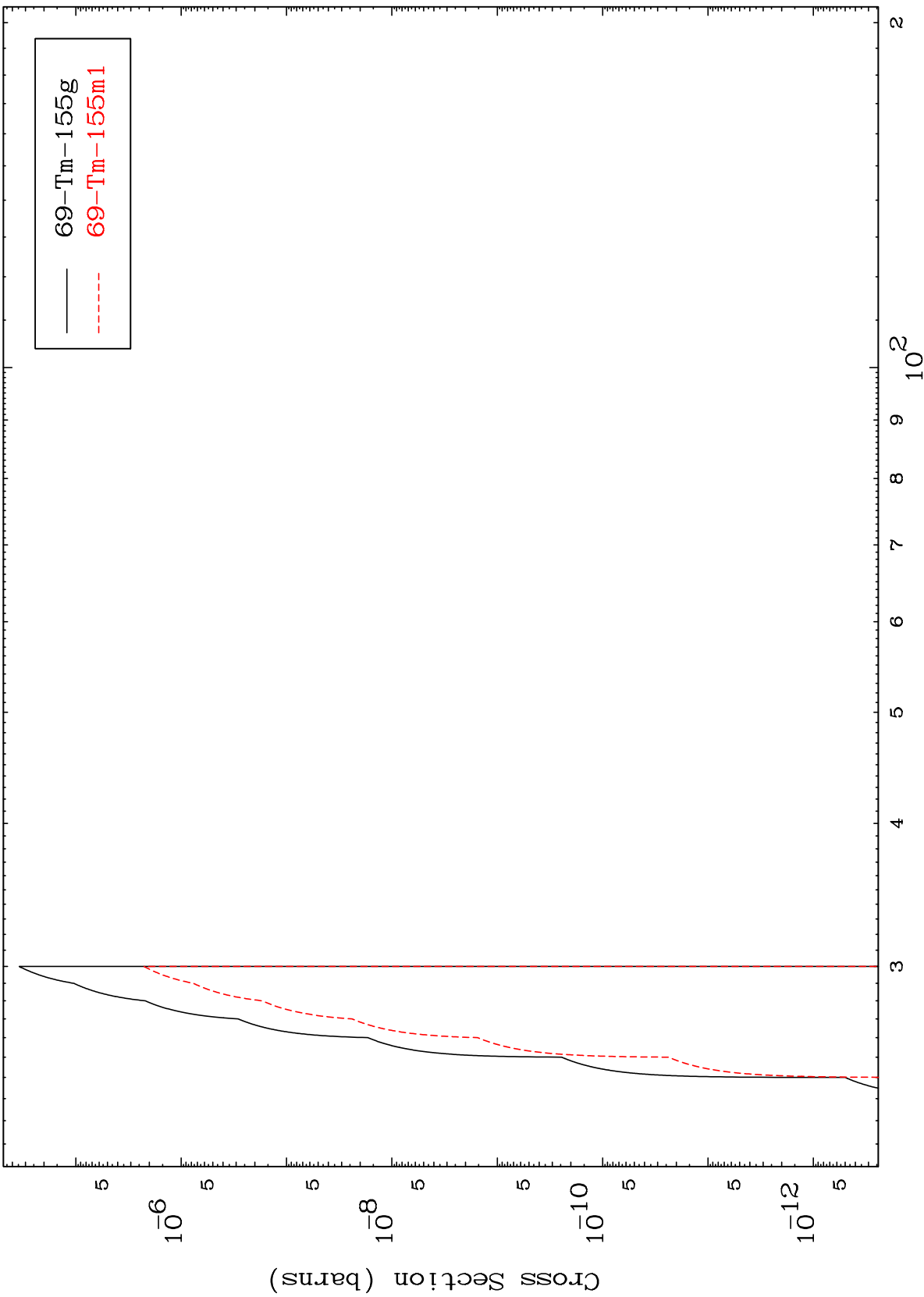
MAT 6995

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

70-Yb-158



Radionuclide Production Cross Section

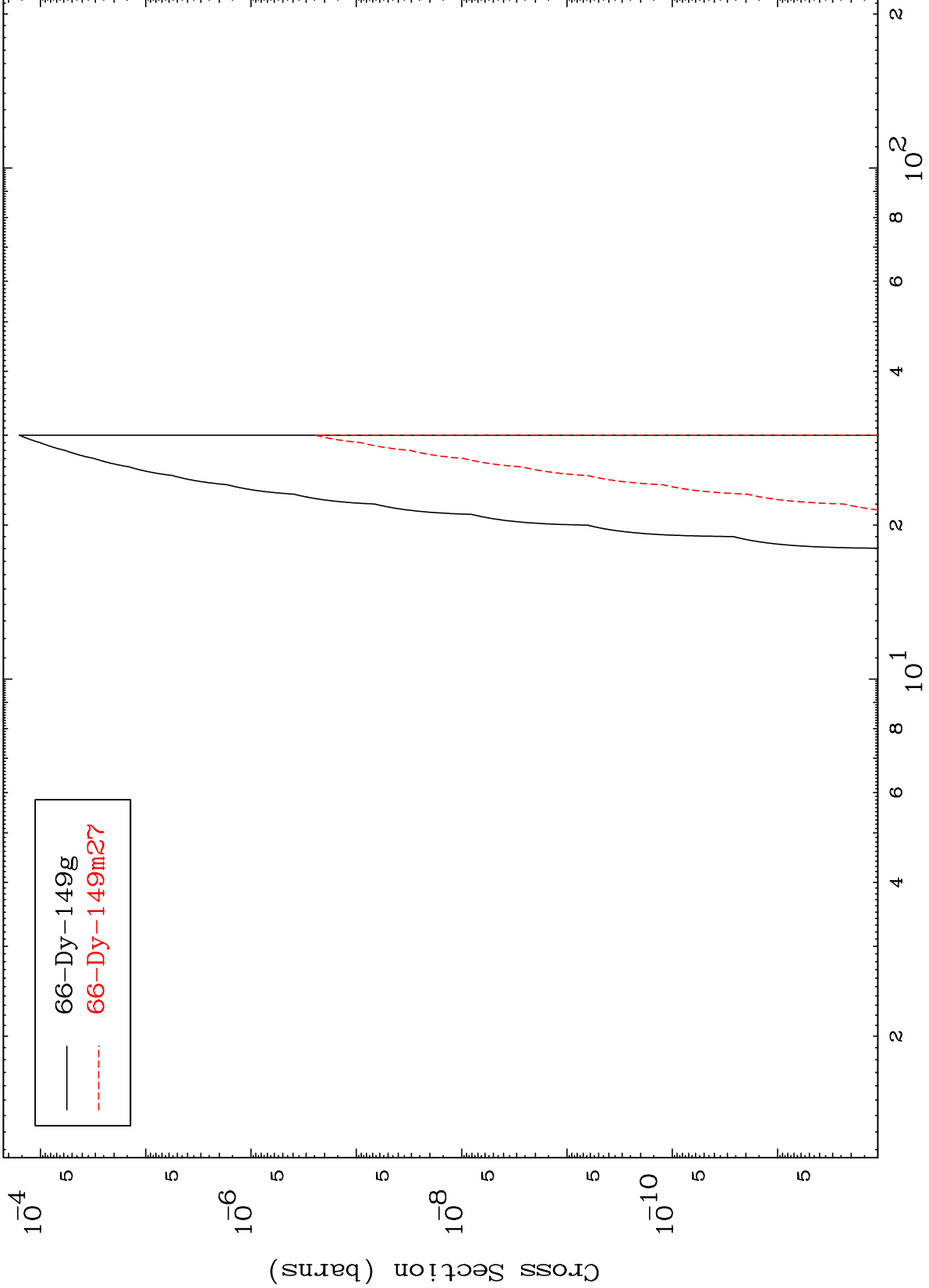


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(n,2n) 2 α

70-Yb-158

Radionuclide Production Cross Section



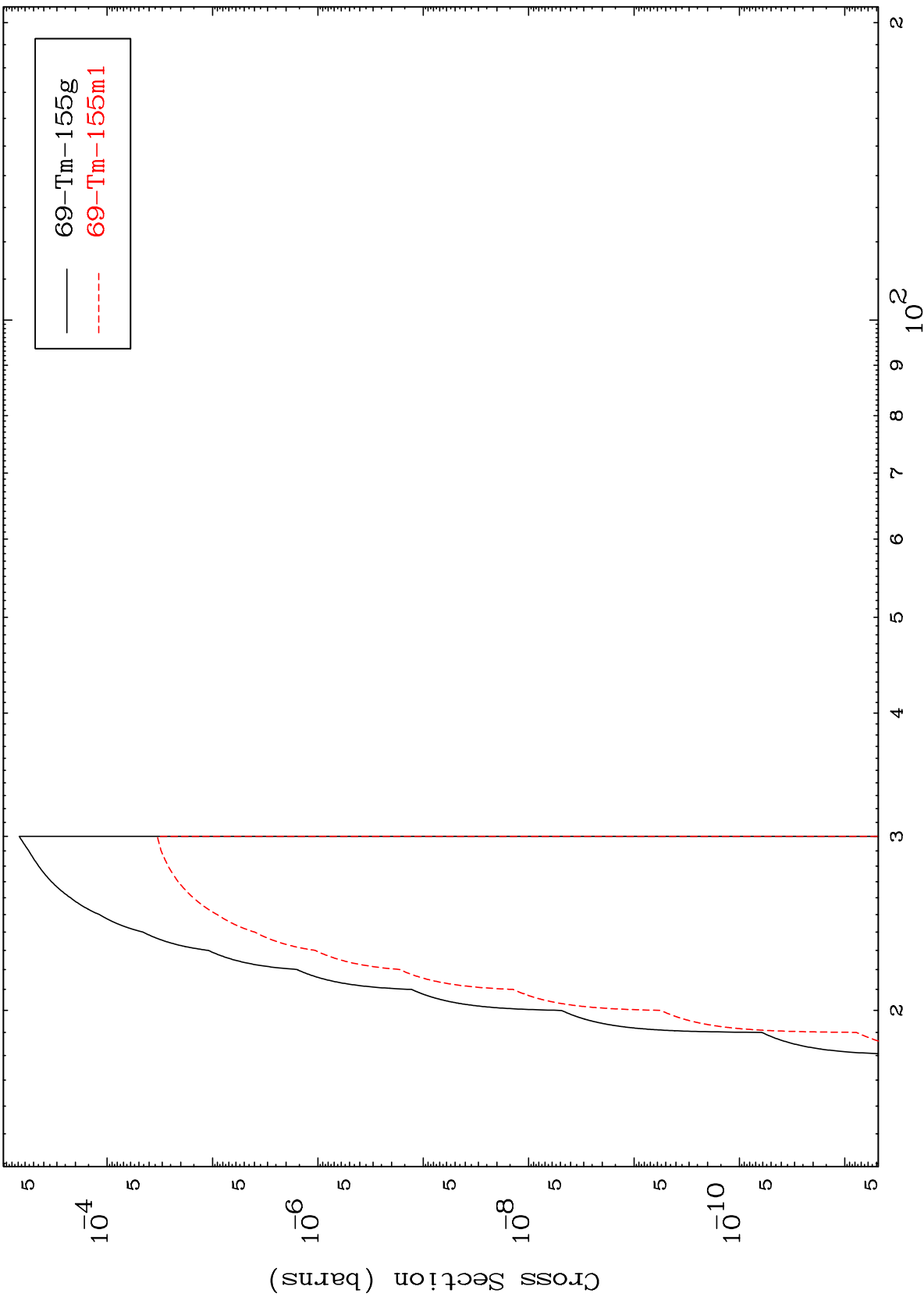
— 66-Dy-149g
- - - 66-Dy-149m27

MAT 6995

(n,n') t

70-Yb-158

Radionuclide Production Cross Section



34

Incident Energy (MeV)

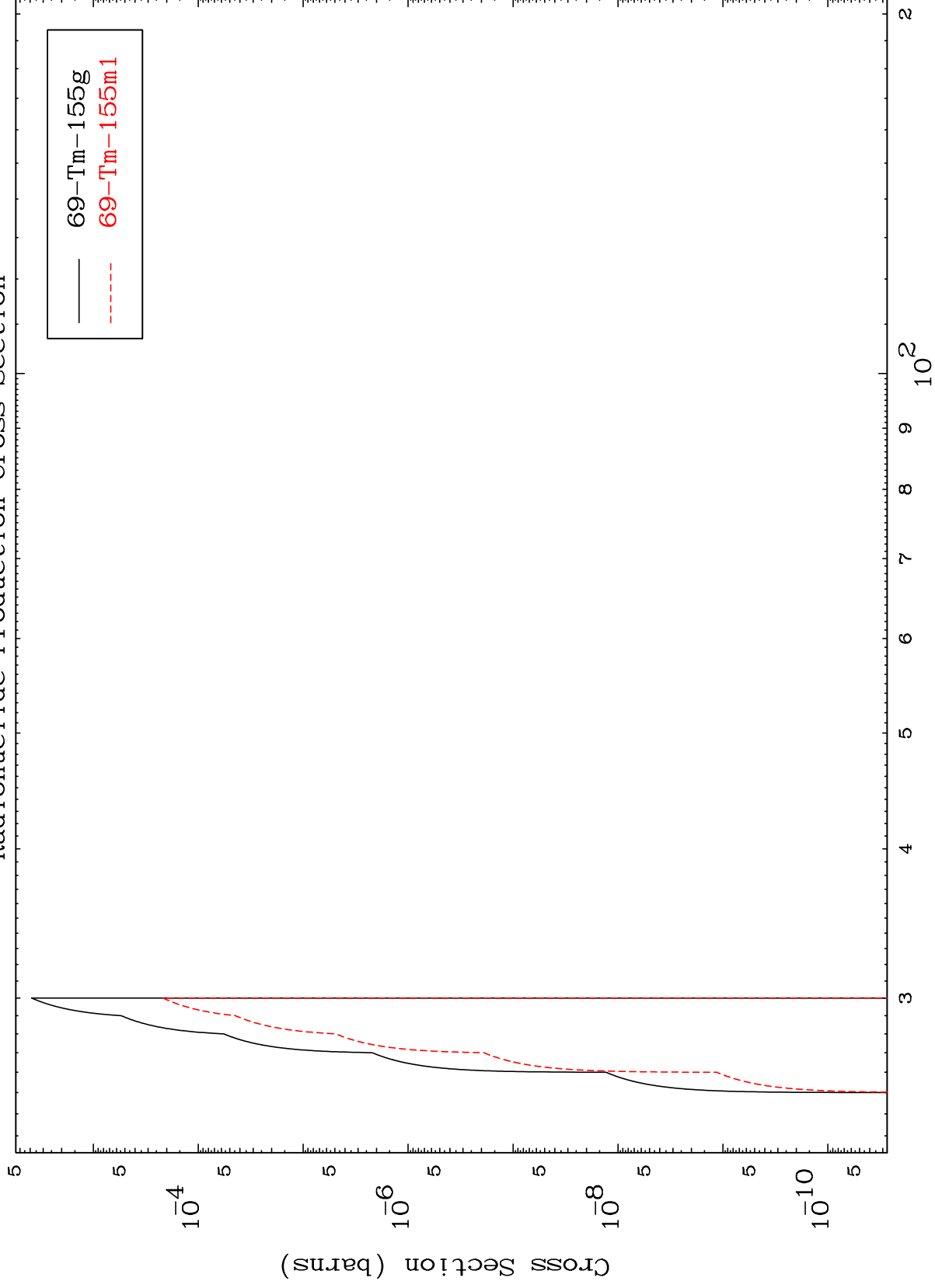
70-Yb-158

MAT 6995

(n,3n) p

70-Yb-158

Radionuclide Production Cross Section



35

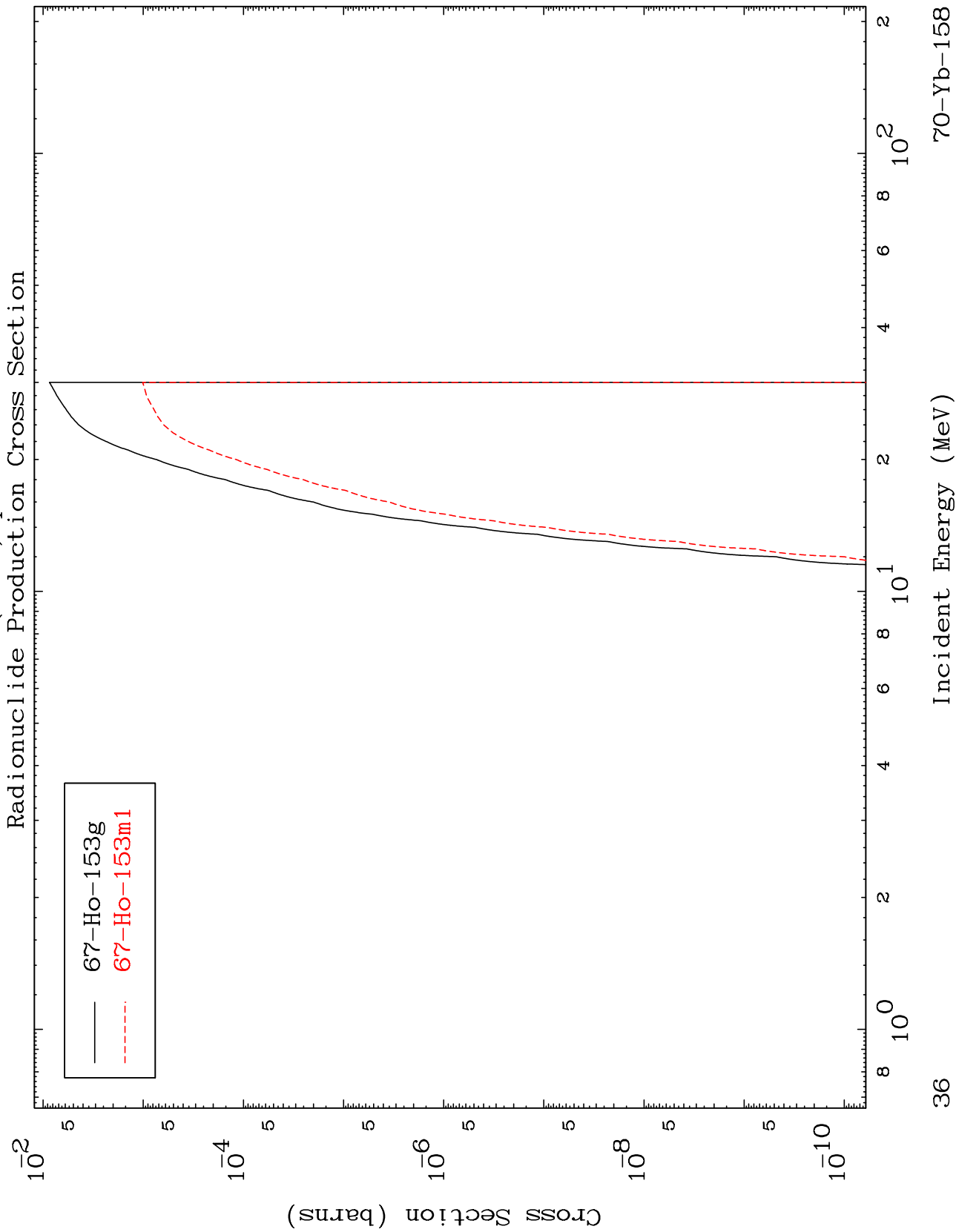
Incident Energy (MeV)

70-Yb-158

MAT 6995

(n,n') p α

70-Yb-158

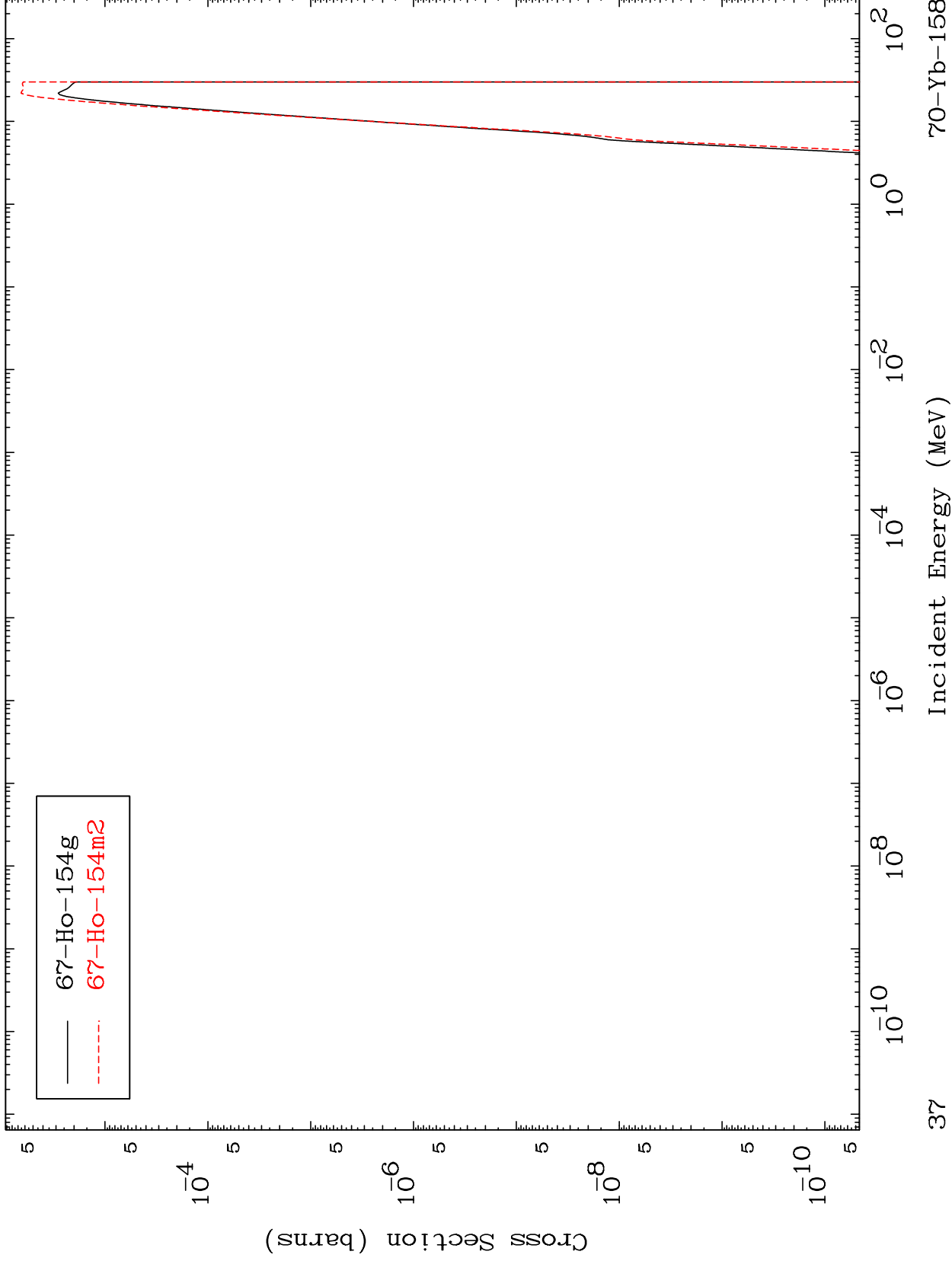


MAT 6995

(n,p) α

70-Yb-158

Radionuclide Production Cross Section

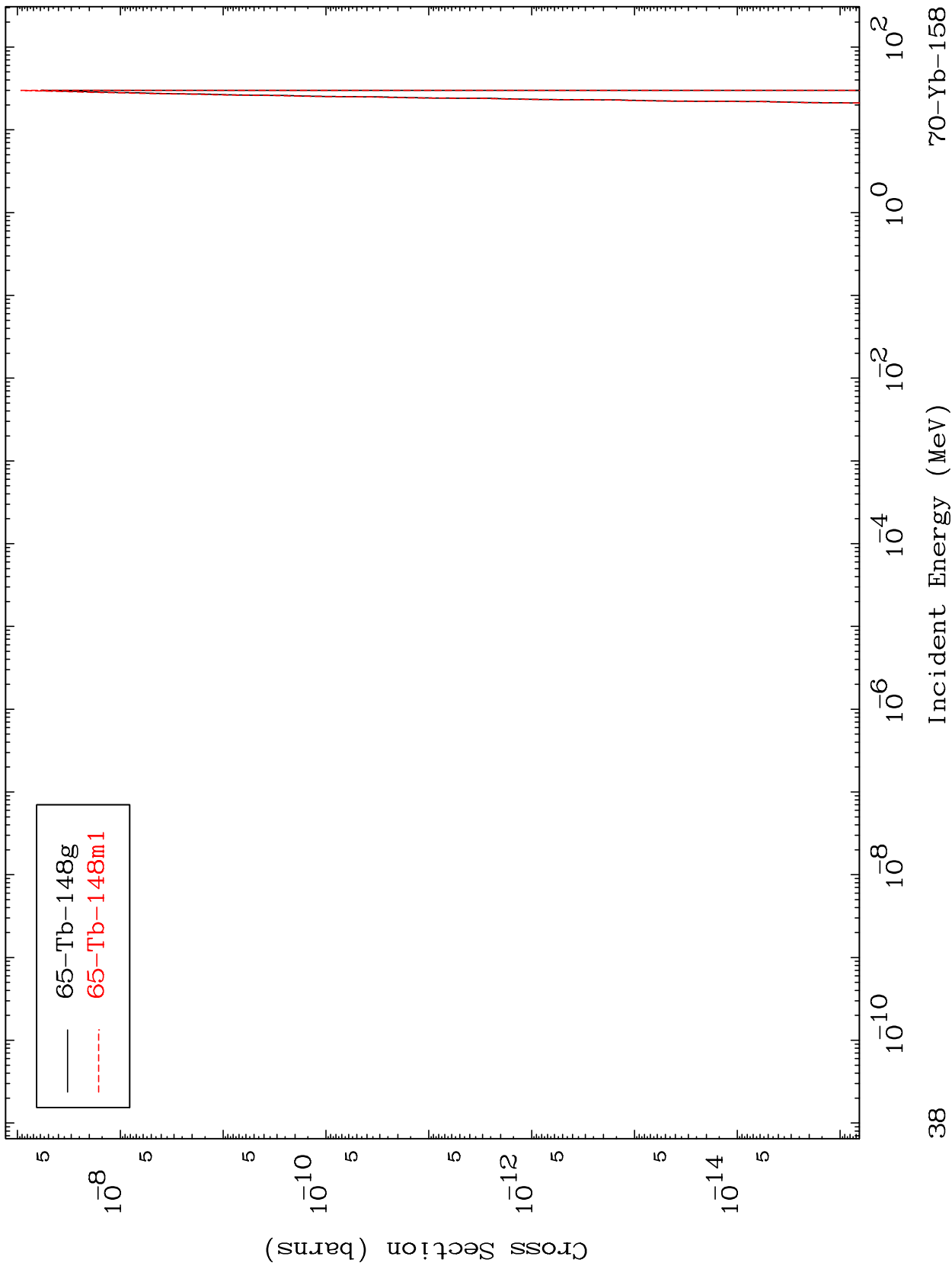


MAT 6995

(n,t) 2 α

70-Yb-158

Radionuclide Production Cross Section

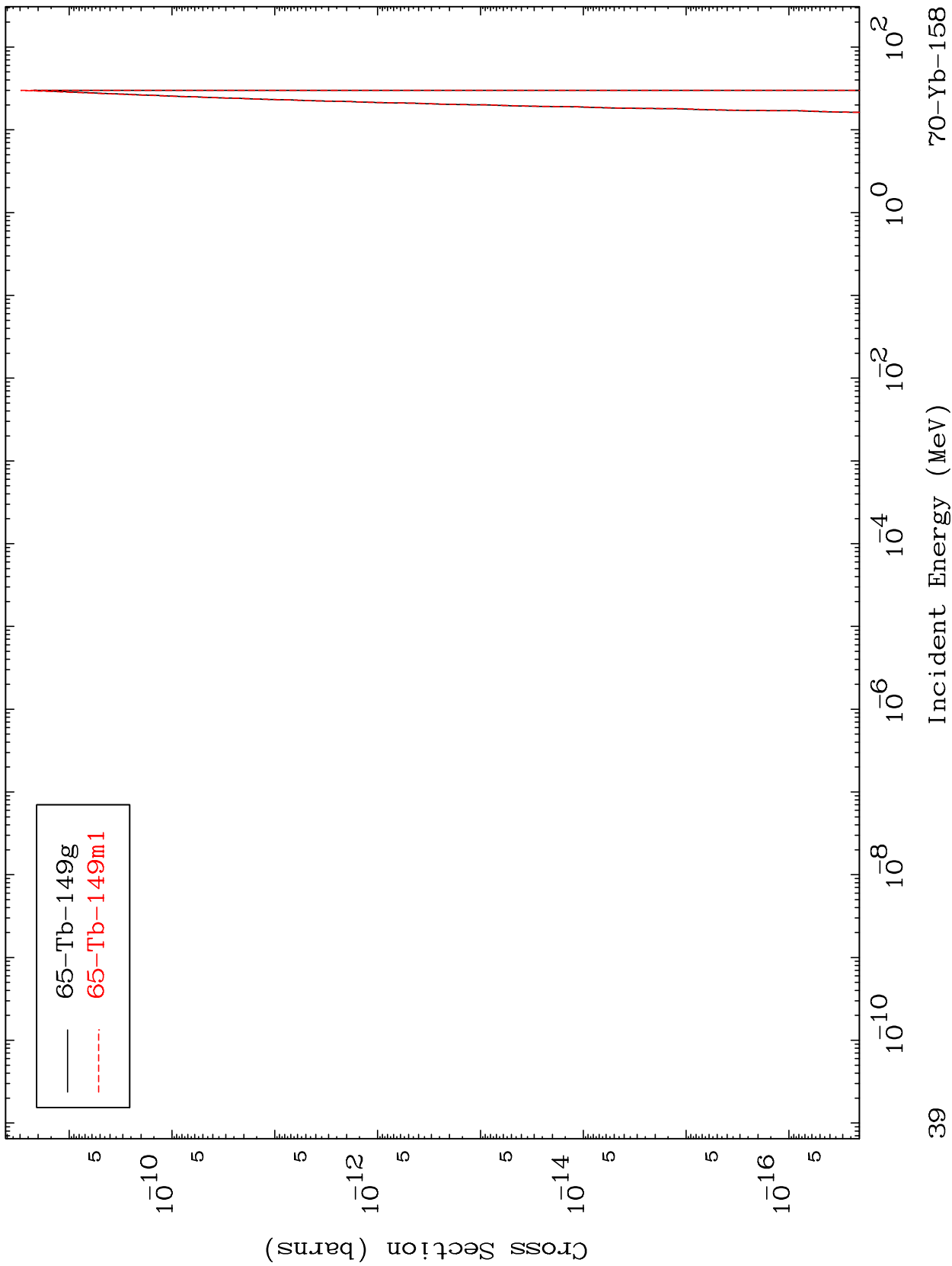


MAT 6995

(n,d) 2 α

70-Yb-158

Radionuclide Production Cross Section

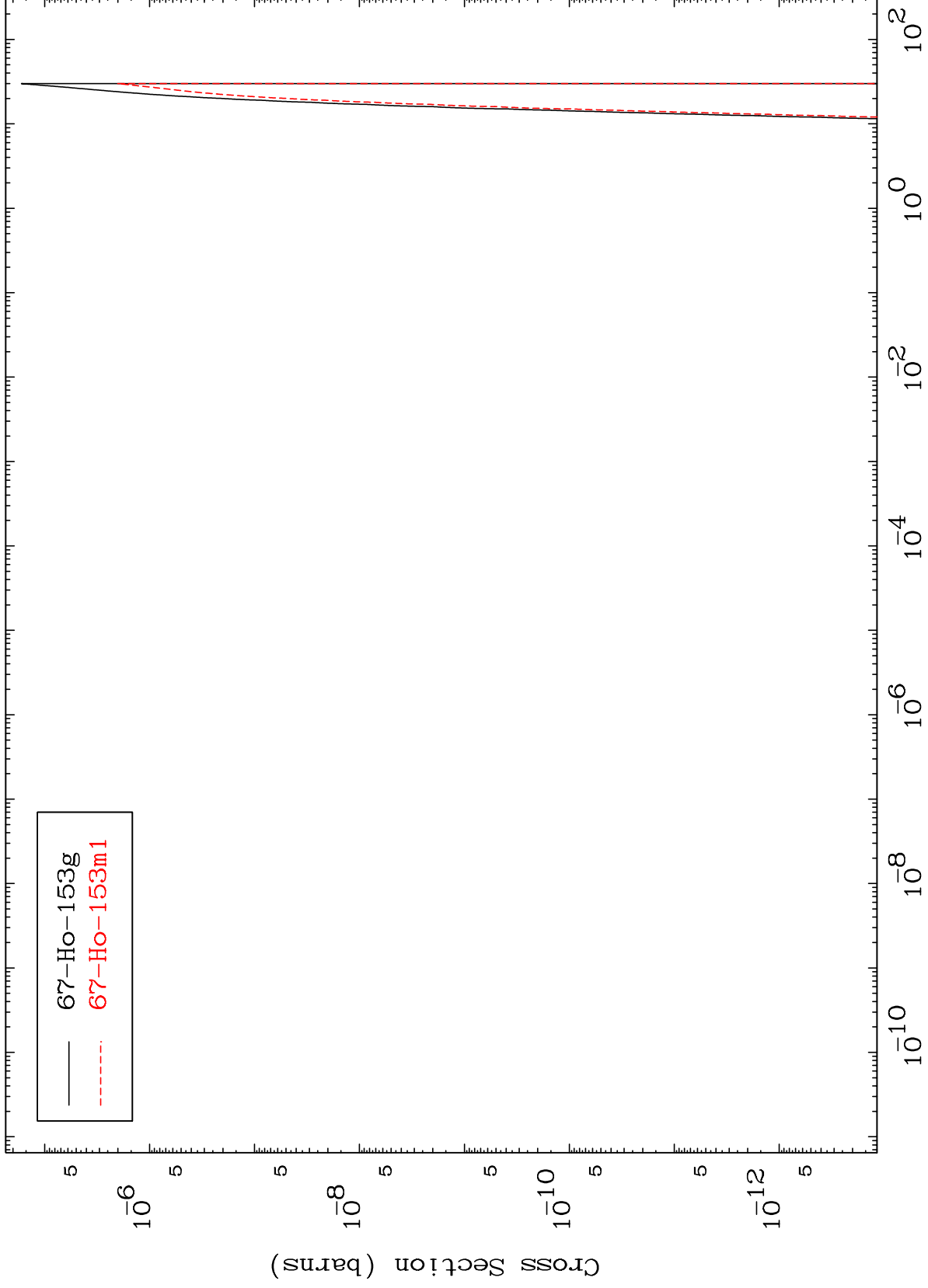


MAT 6995

(n,d) α

70-Yb-158

Radionuclide Production Cross Section



40

Incident Energy (MeV)

70-Yb-158