

Program EVALPLOT
(Version 2015-2)

by

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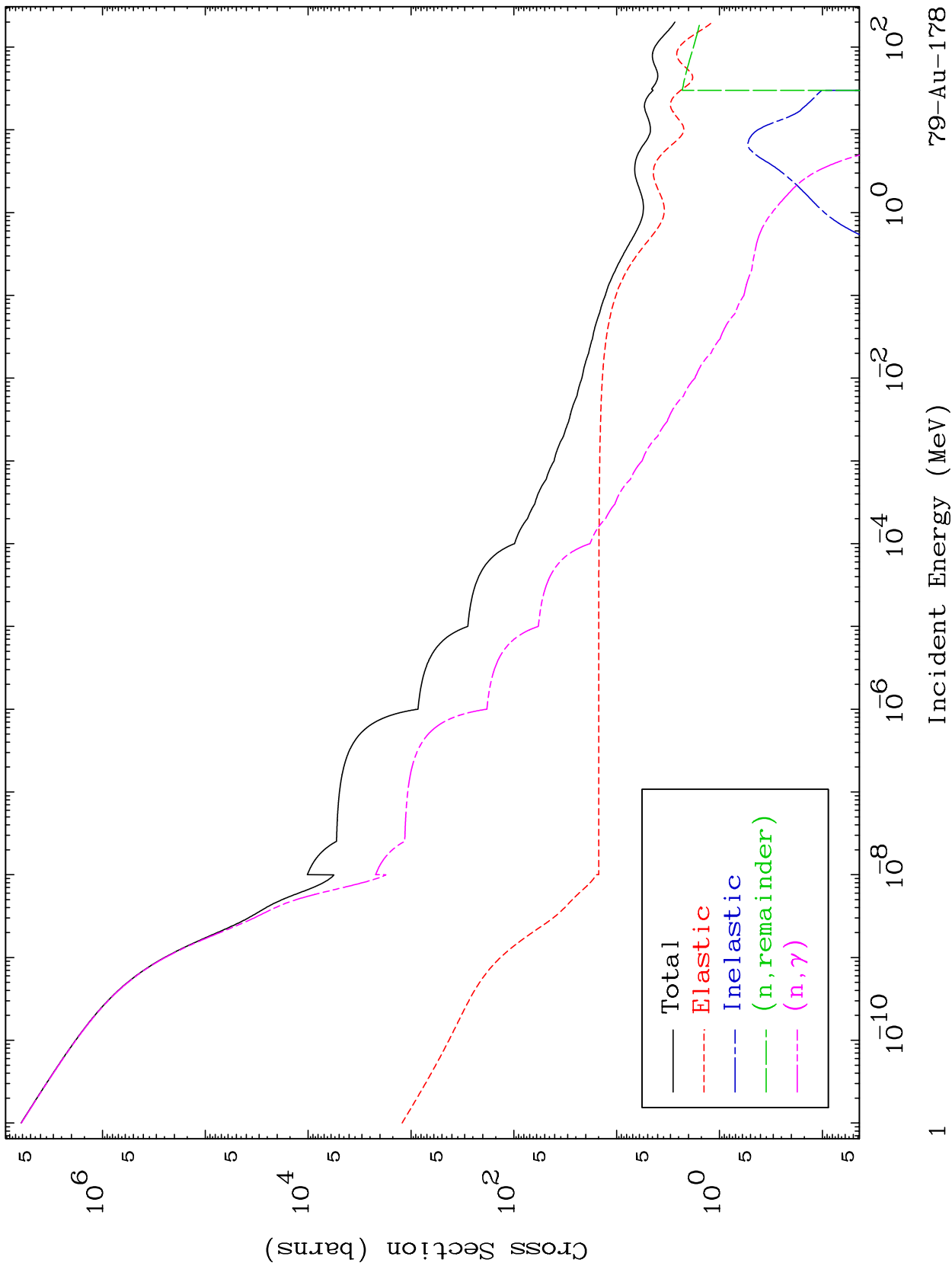
Press Mouse Button to Start

MAT 7868

Major

293 Kelvin Cross Sections

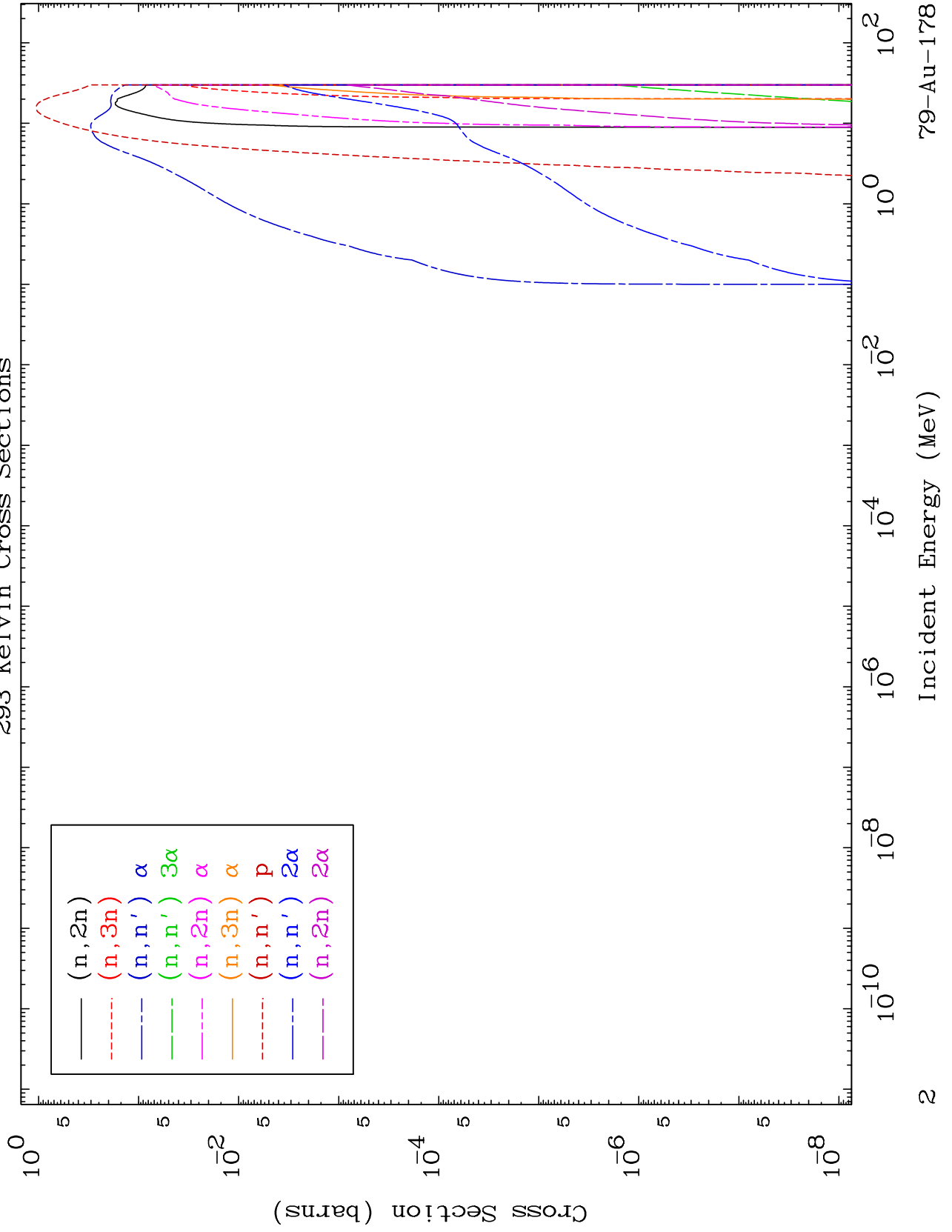
79-Au-178



MAT 7868

Neutron Production
293 Kelvin Cross Sections

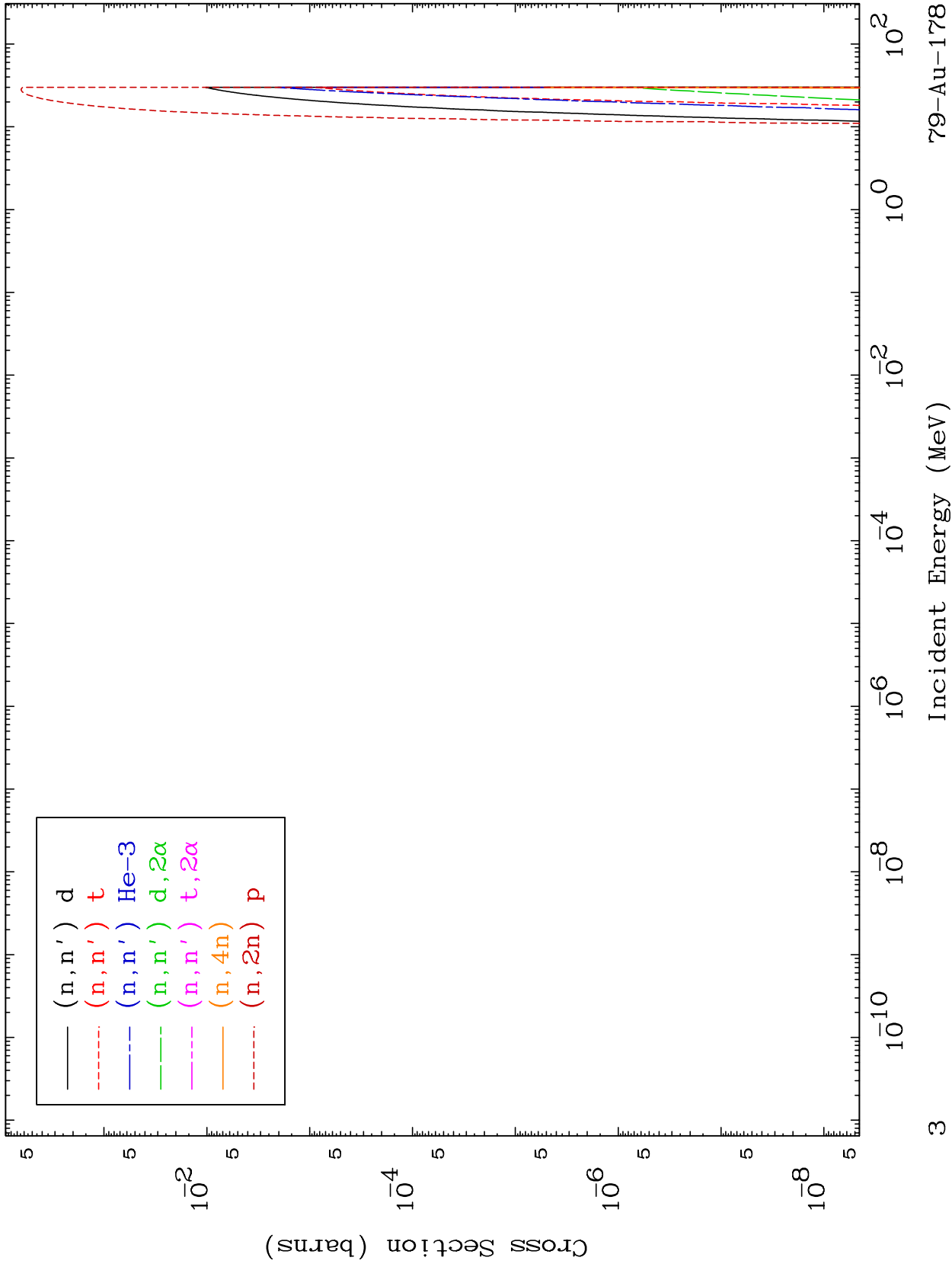
79-Au-178



MAT 7868

Neutron Production
293 Kelvin Cross Sections

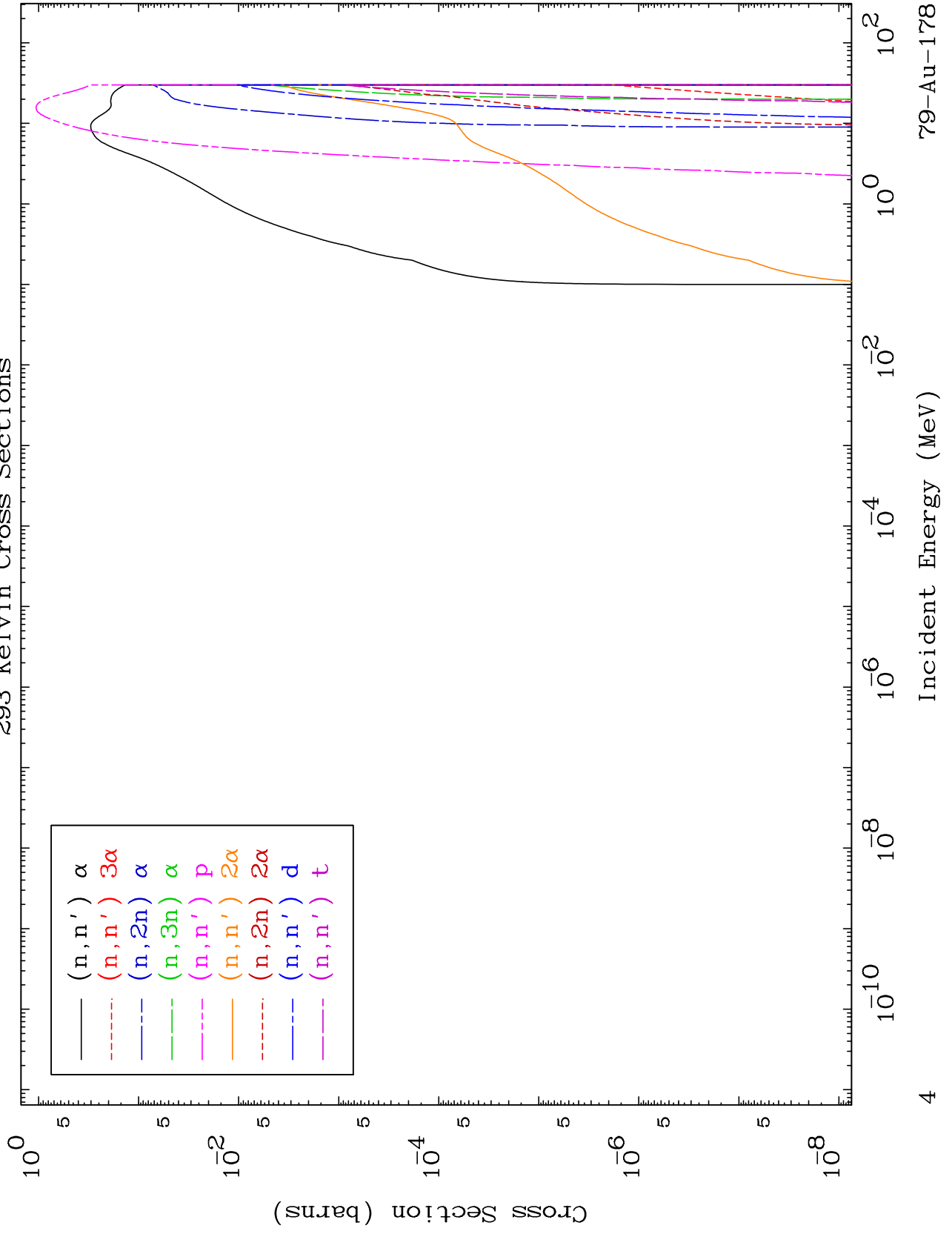
79-Au-178



MAT 7868

Charged Particle
293 Kelvin Cross Sections

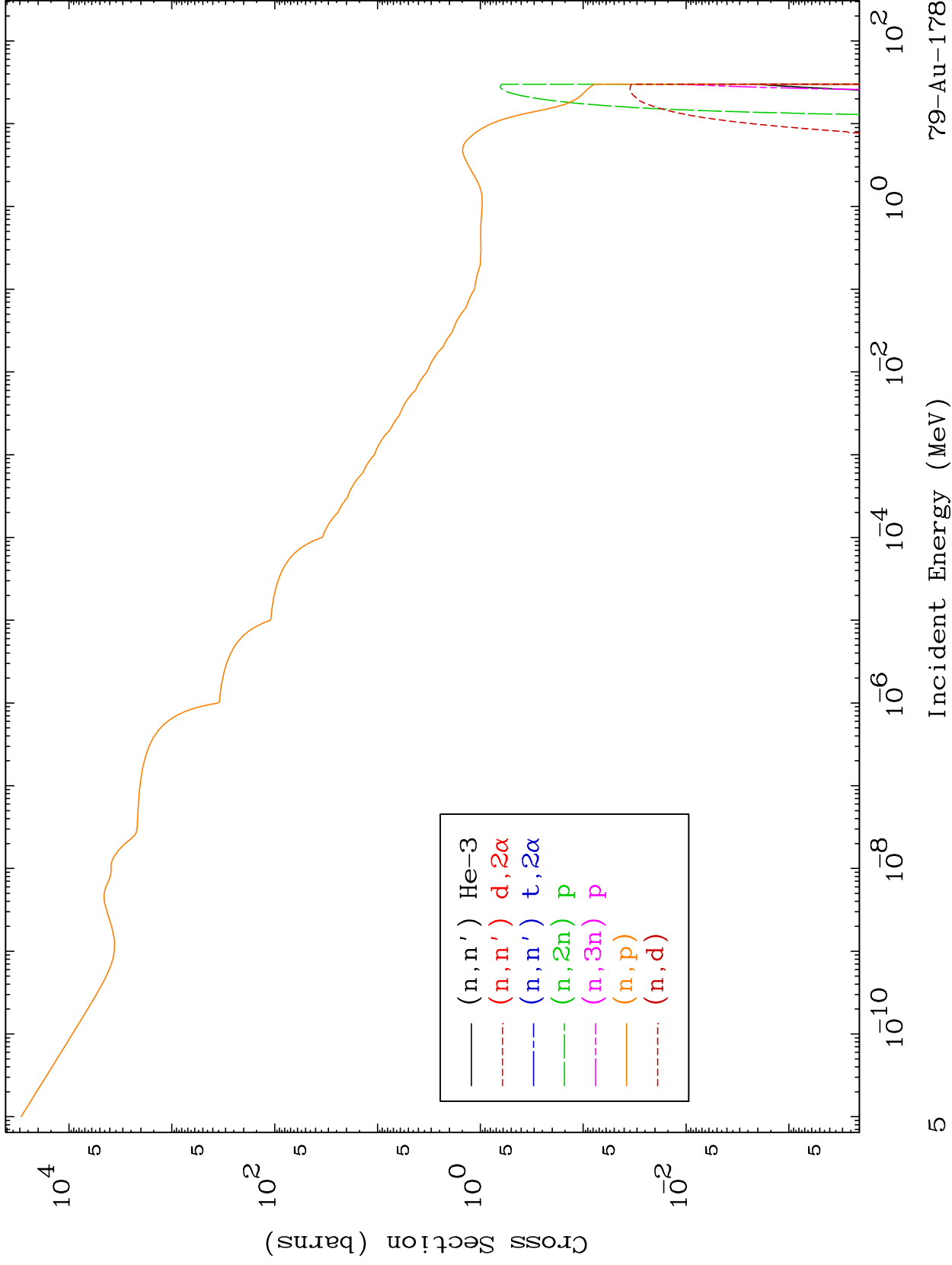
79-Au-178

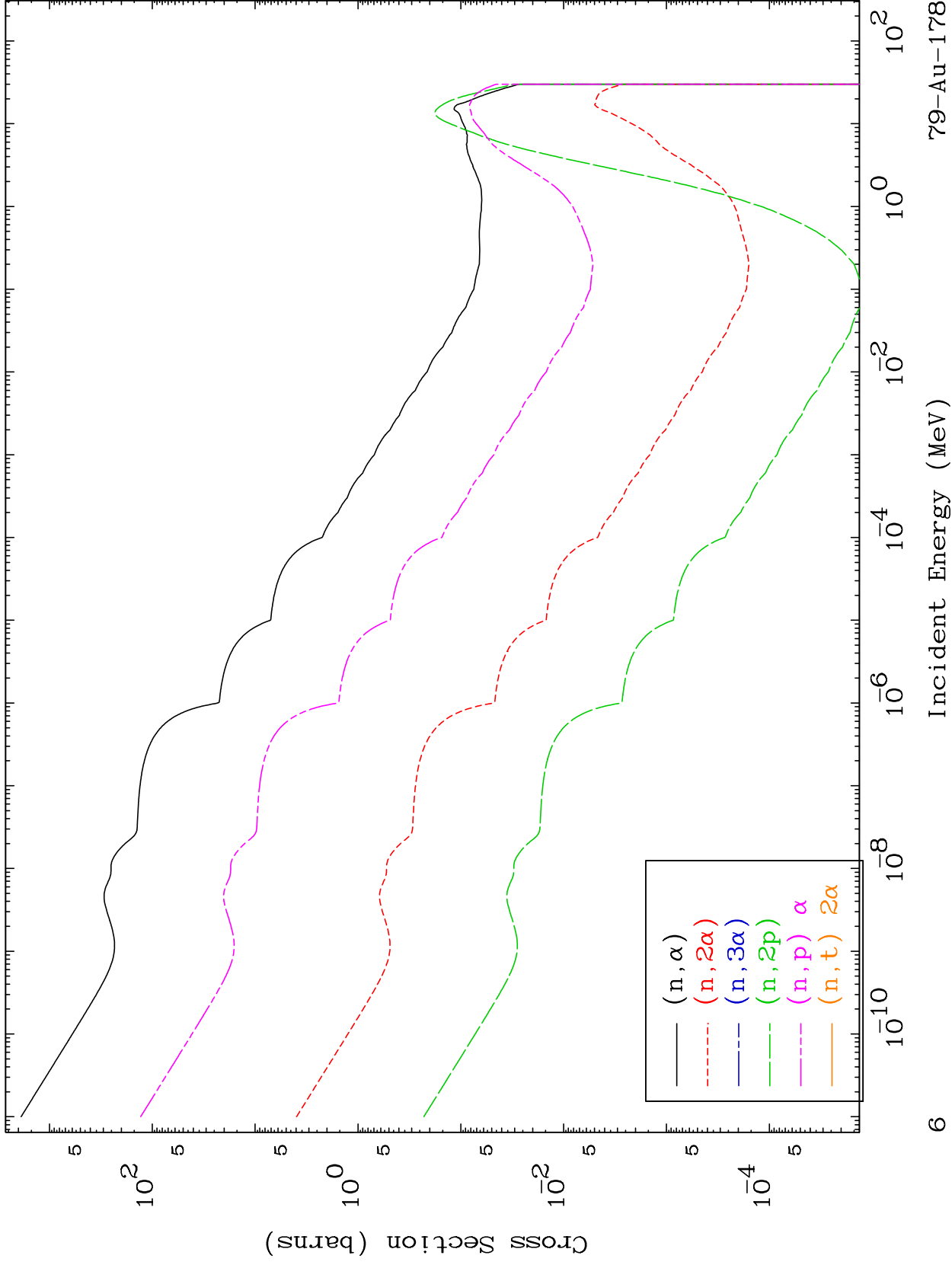


MAT 7868

Charged Particle
293 Kelvin Cross Sections

79-Au-178

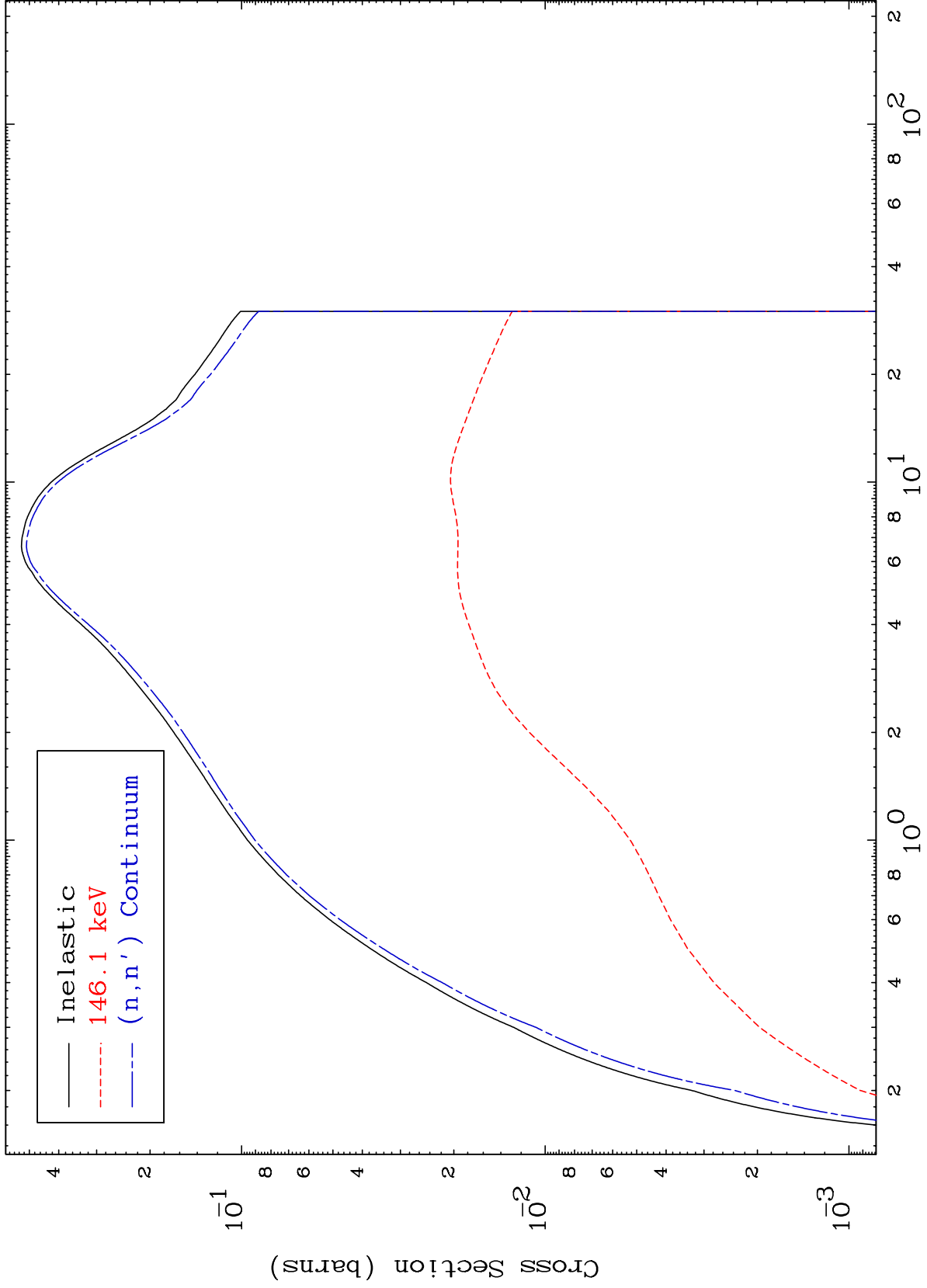




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293 Kelvin Cross Sections
(n,n') Level

79-Au-178



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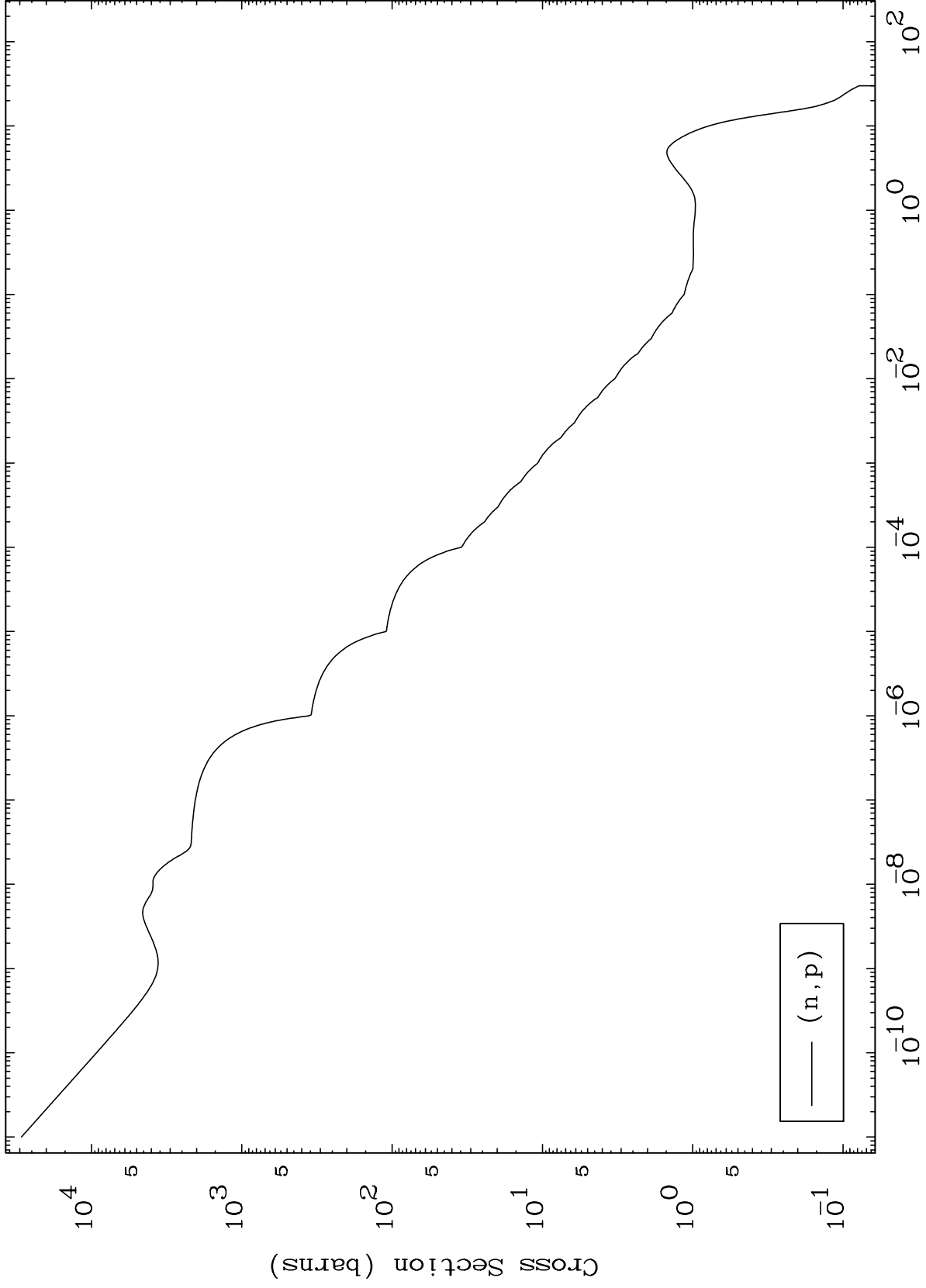
Incident Energy (MeV)

79-Au-178

MAT 7868

(n,p) Levels
293 Kelvin Cross Sections

79-Au-178



8

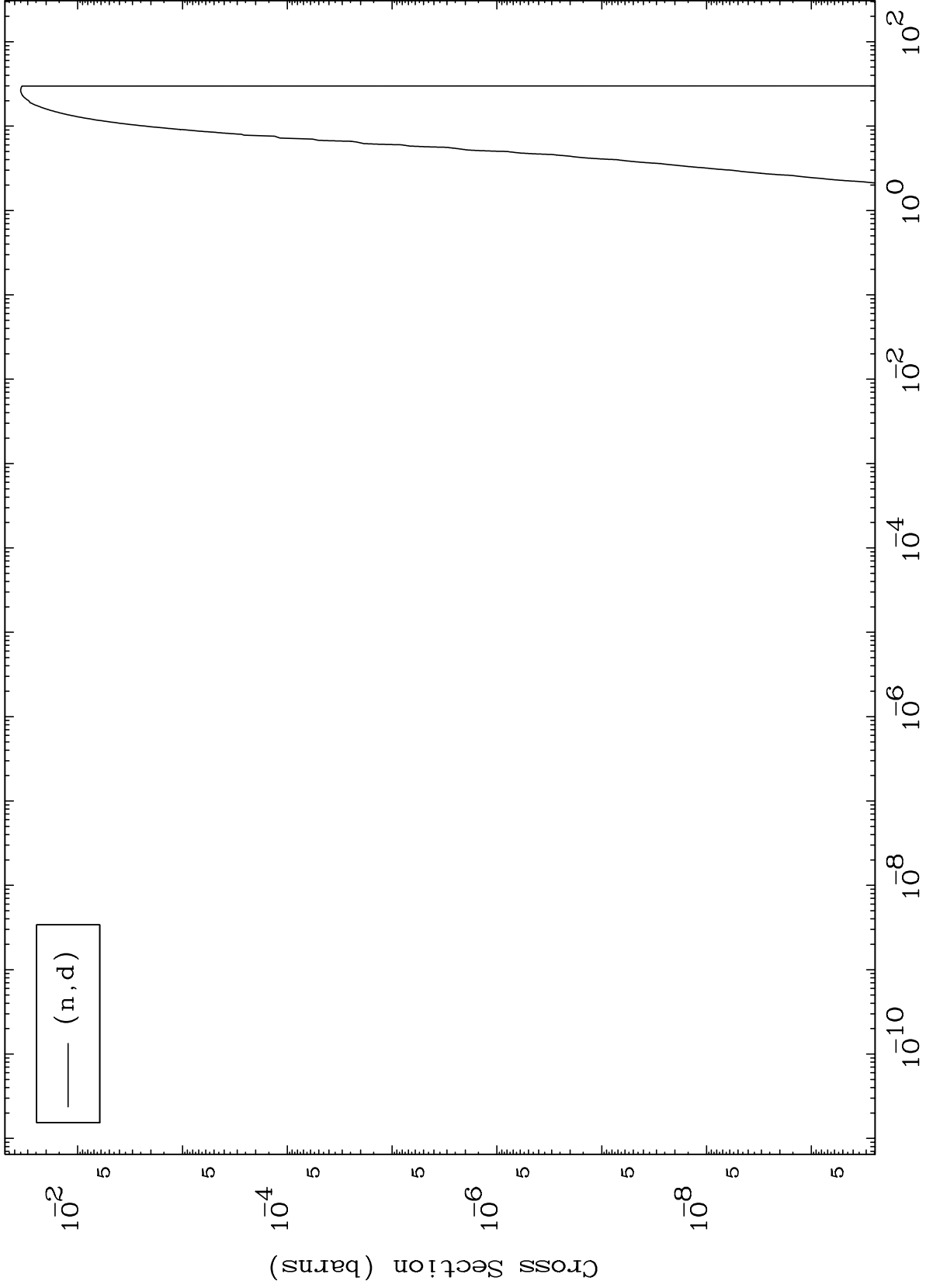
Incident Energy (MeV)

79-Au-178

MAT 7868

(n,d) Levels
293 Kelvin Cross Sections

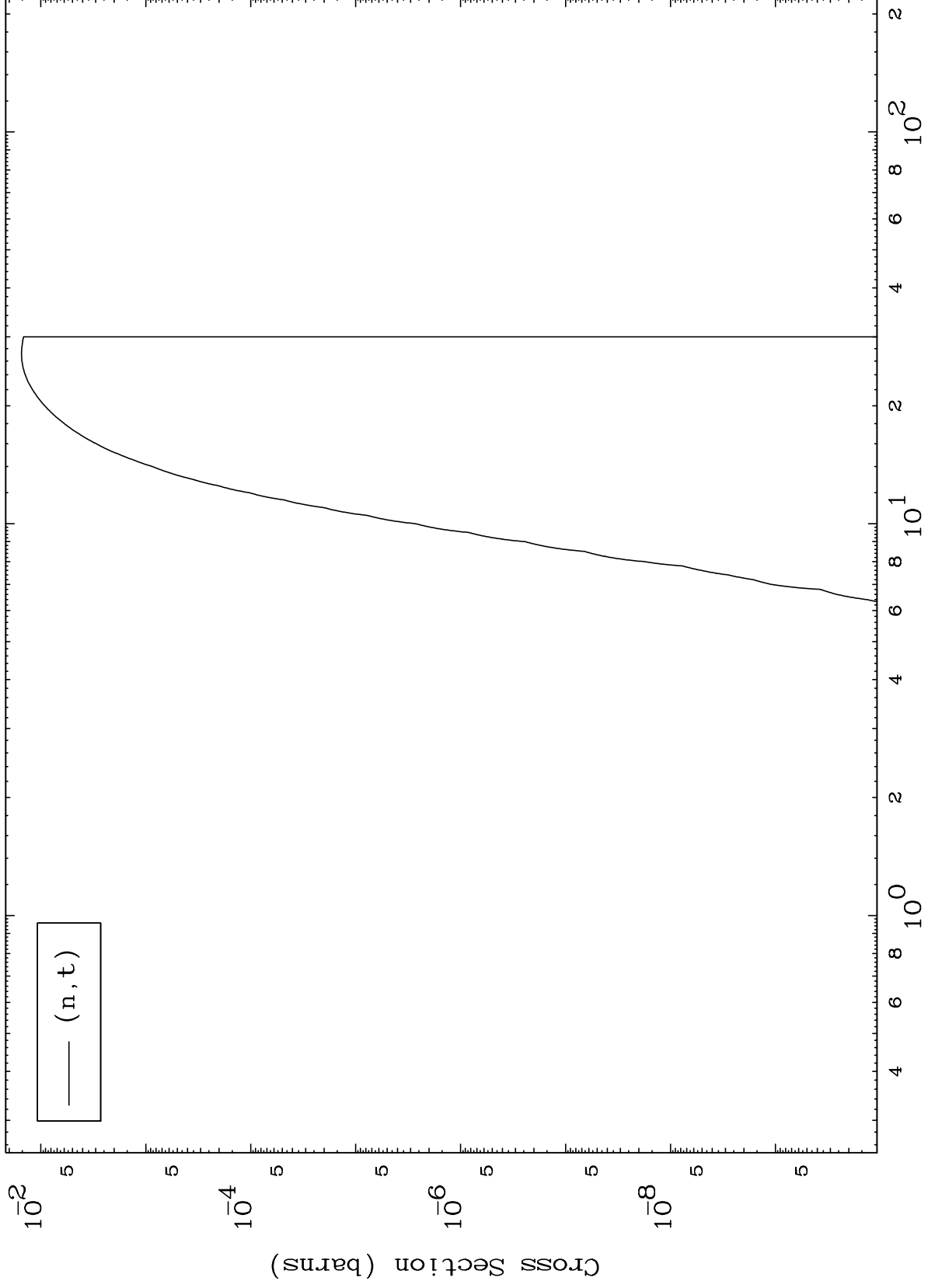
79-Au-178



MAT 7868

(n,t) Levels
293 Kelvin Cross Sections

79-Au-178



10

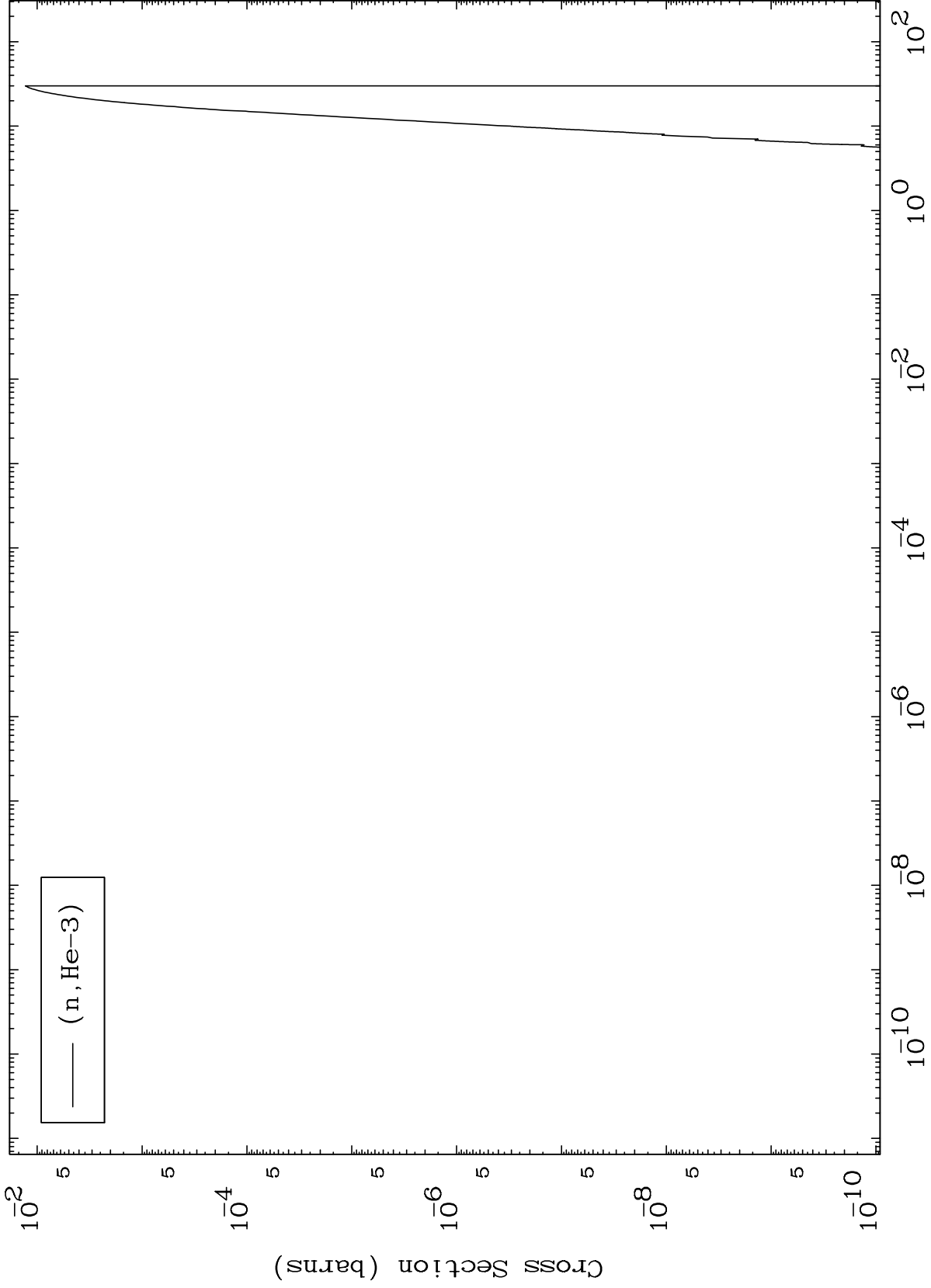
Incident Energy (MeV)

79-Au-178

MAT 7868

(n,He3) Levels
293 Kelvin Cross Sections

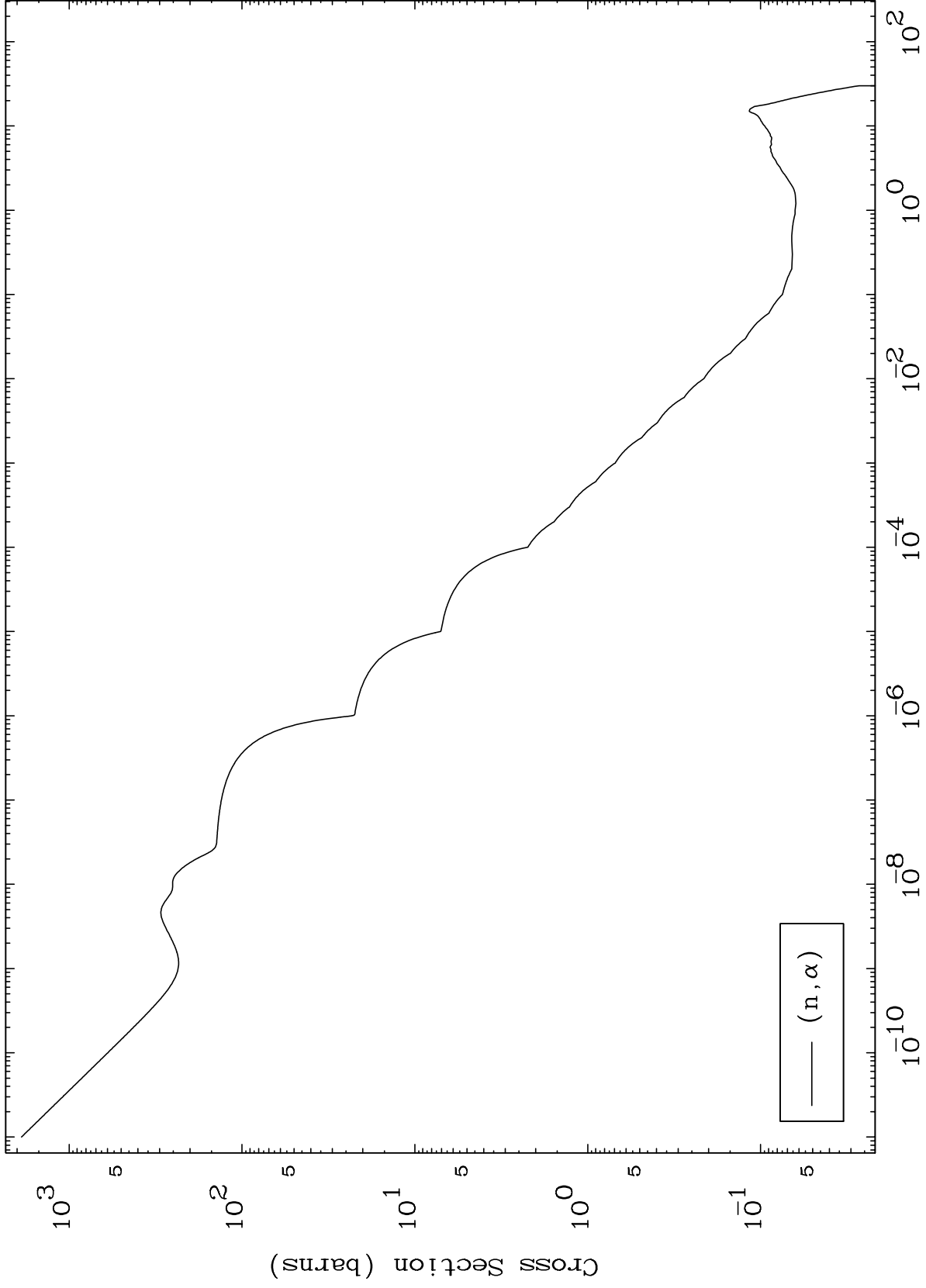
79-Au-178



MAT 7868

(n,α) Levels
293 Kelvin Cross Sections

79-Au-178



12

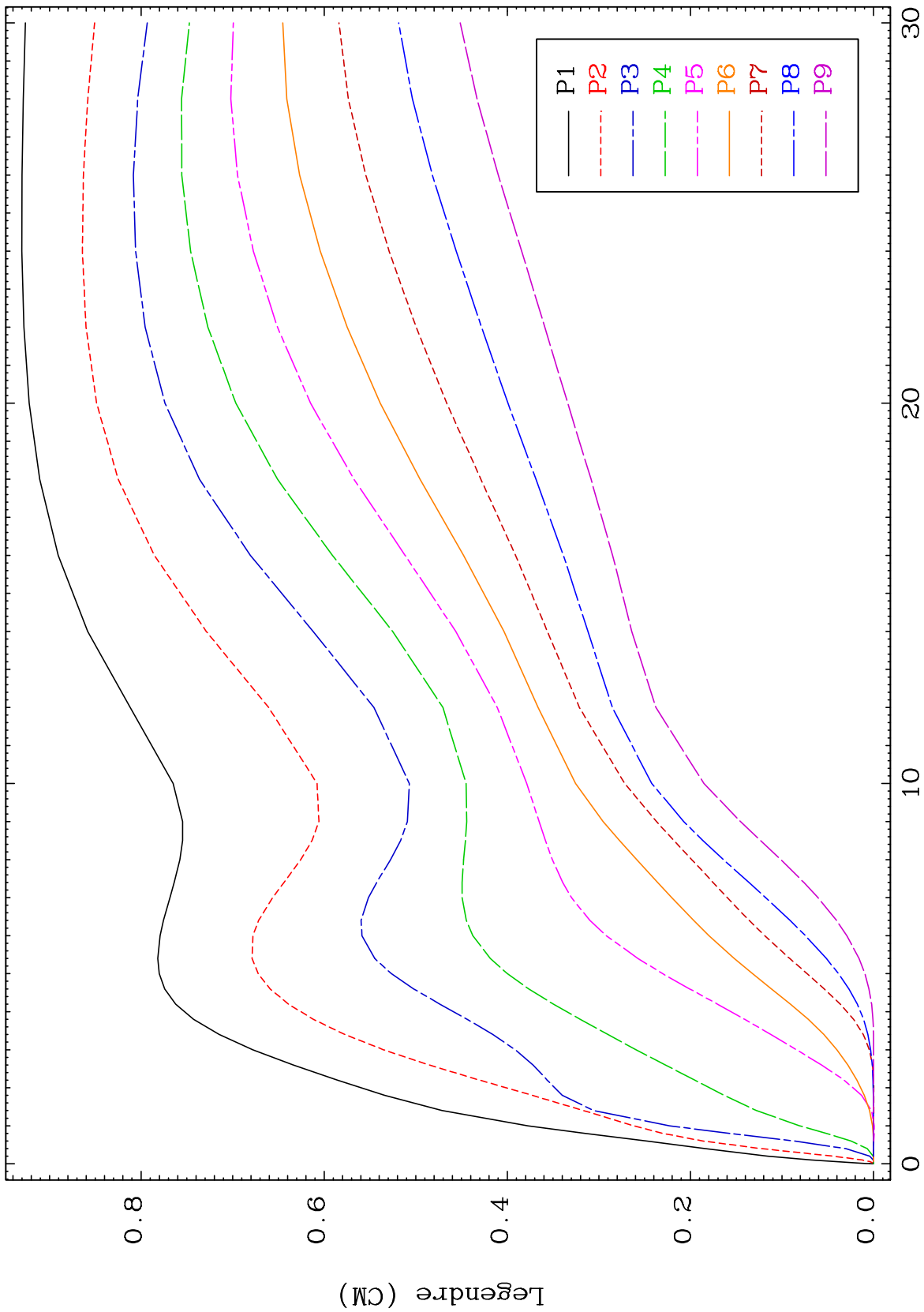
Incident Energy (MeV)

79-Au-178

MAT 7868

79-Au-178

Elastic Legendre Coefficients



79-Au-178

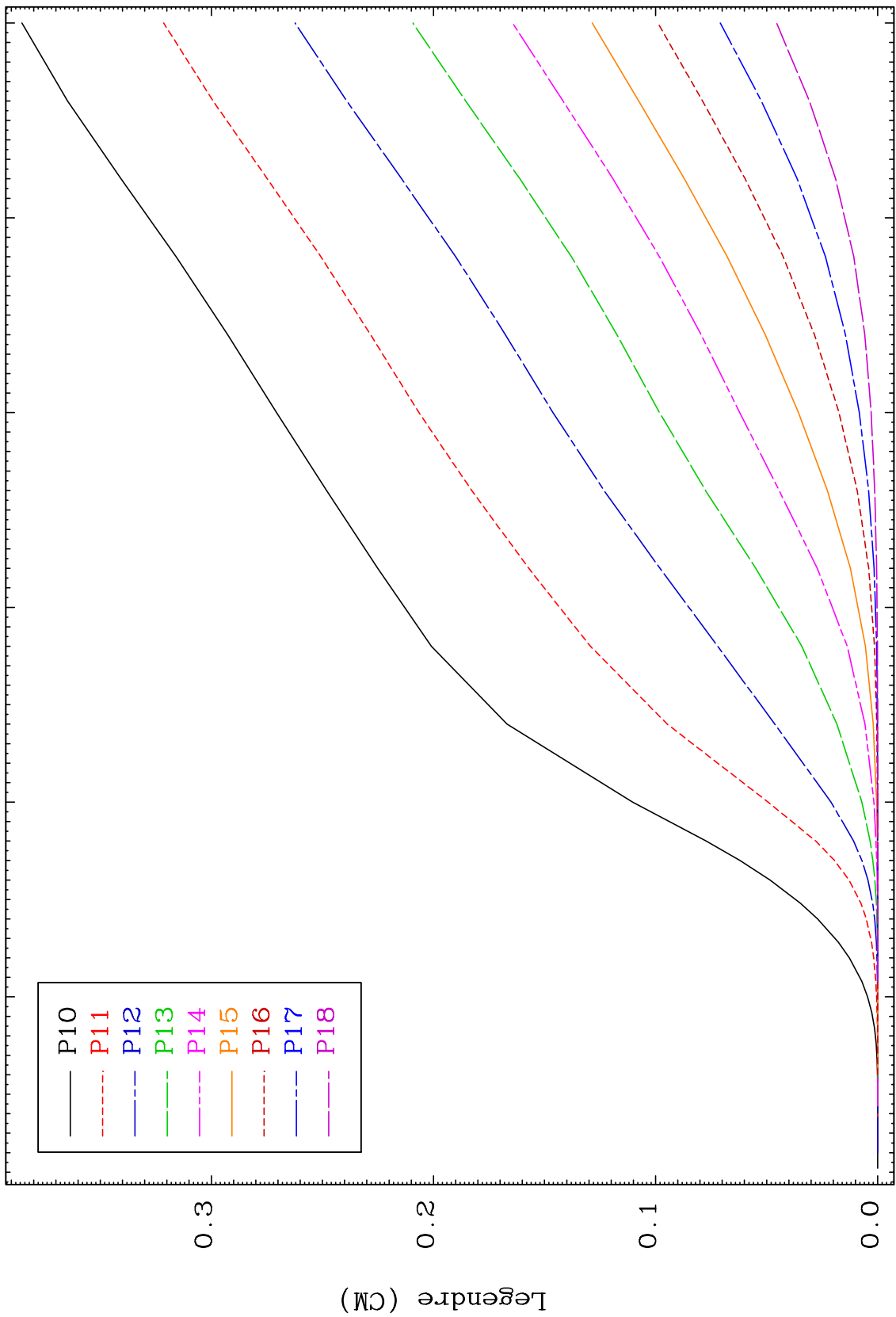
Incident Energy (MeV)

13

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Elastic Legendre Coefficients

79-Au-178



14

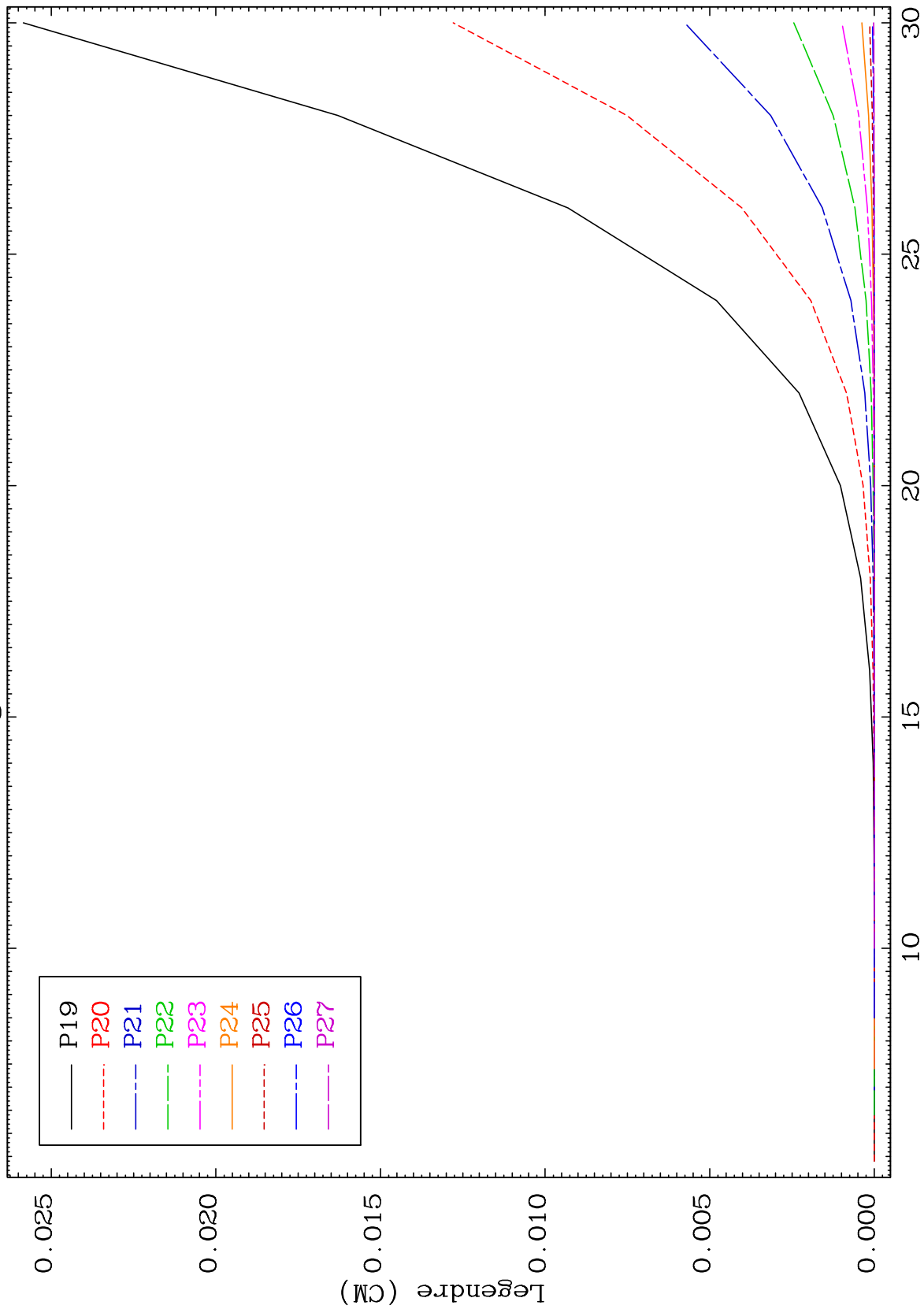
Incident Energy (MeV)

79-Au-178

MAT 7868

Elastic Legendre Coefficients

79-Au-178



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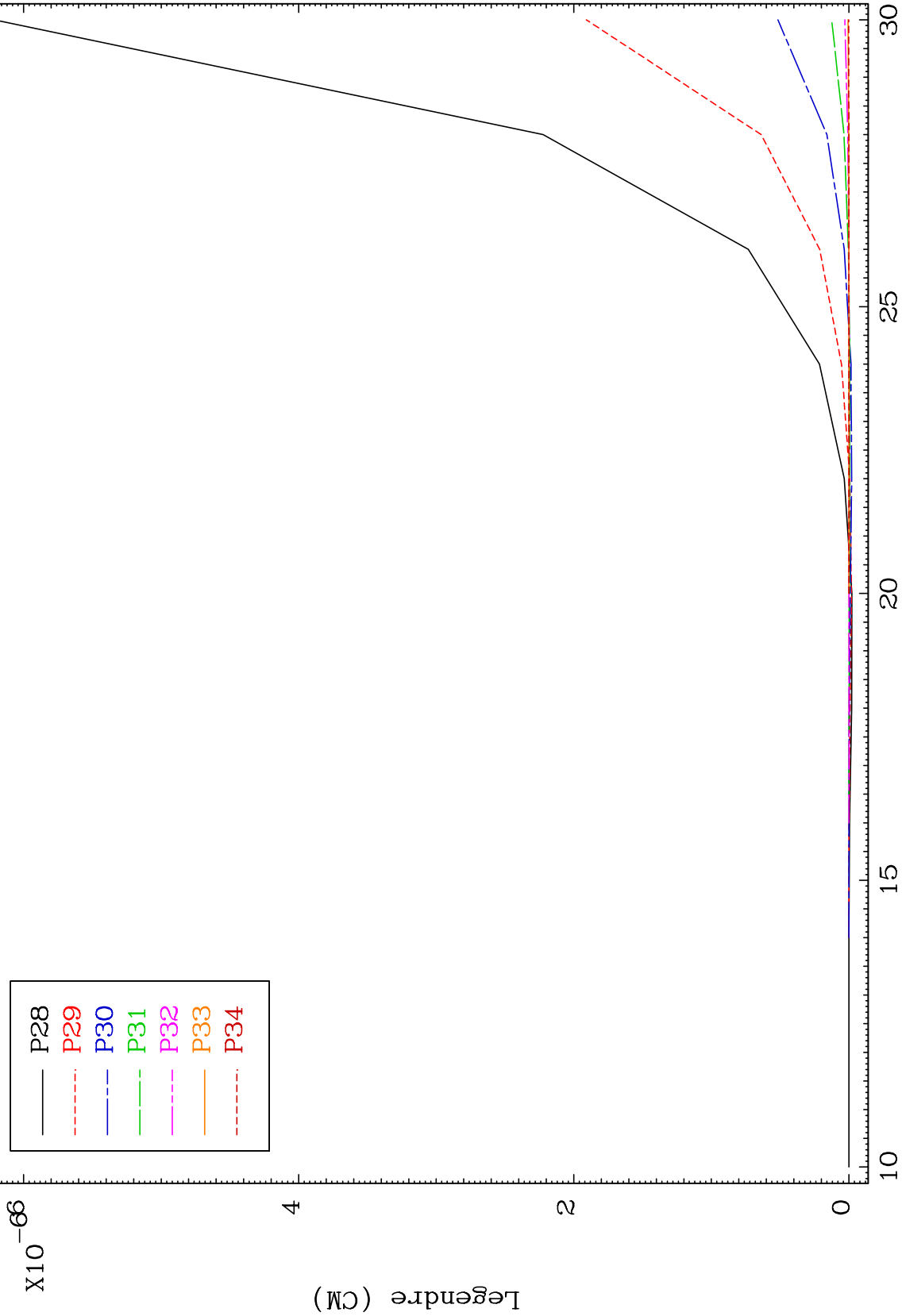
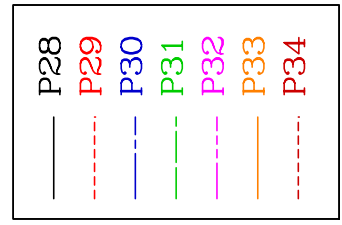
Incident Energy (MeV)

79-Au-178

MAT 7868

Elastic
Legendre Coefficients

79-Au-178



16

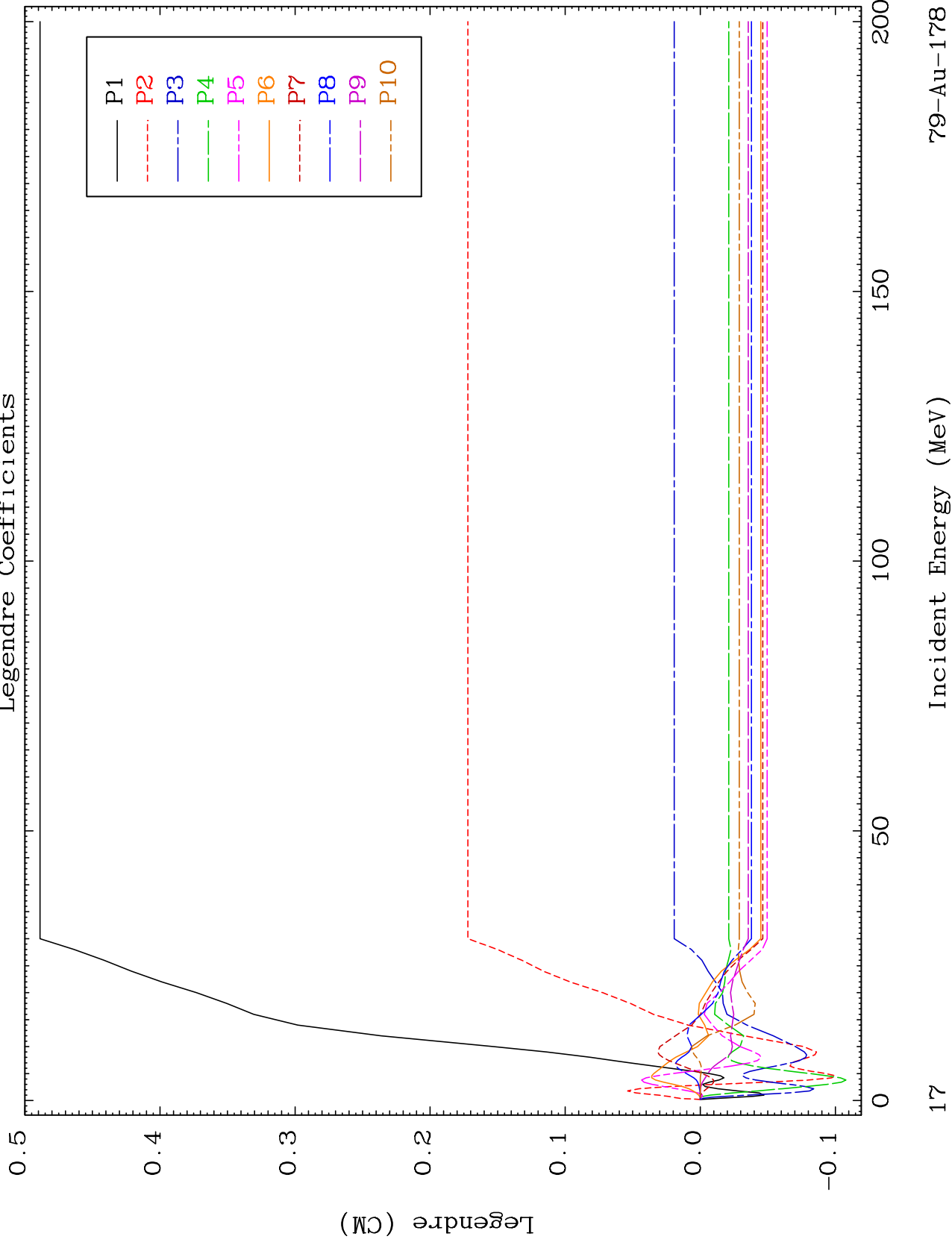
Incident Energy (MeV)

79-Au-178

MAT 7868

146.1 keV (n,n') Level
Legendre Coefficients

79-Au-178



79-Au-178

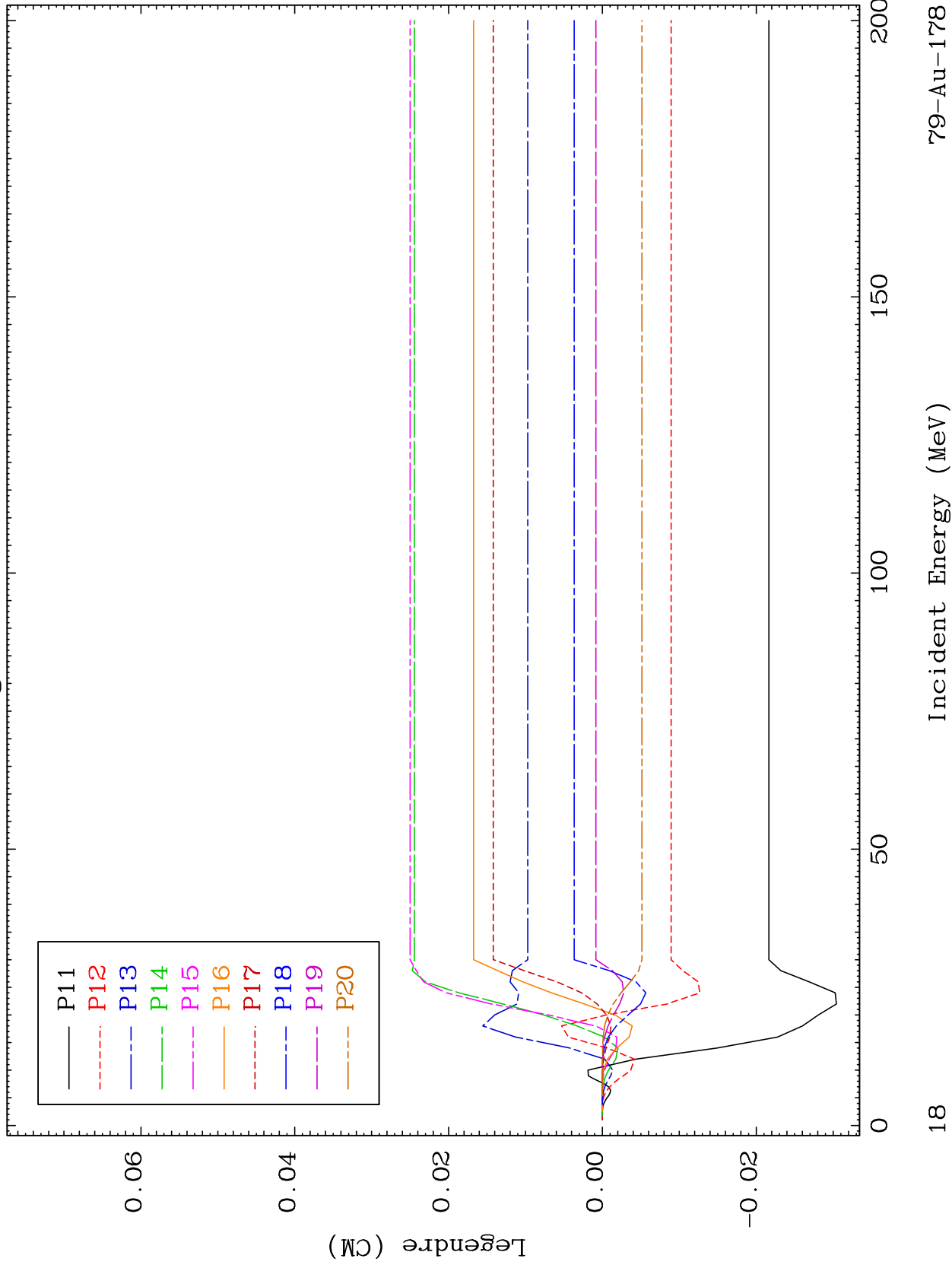
Incident Energy (MeV)

17

MAT 7868

146.1 keV (n,n') Level
Legendre Coefficients

79-Au-178



79-Au-178

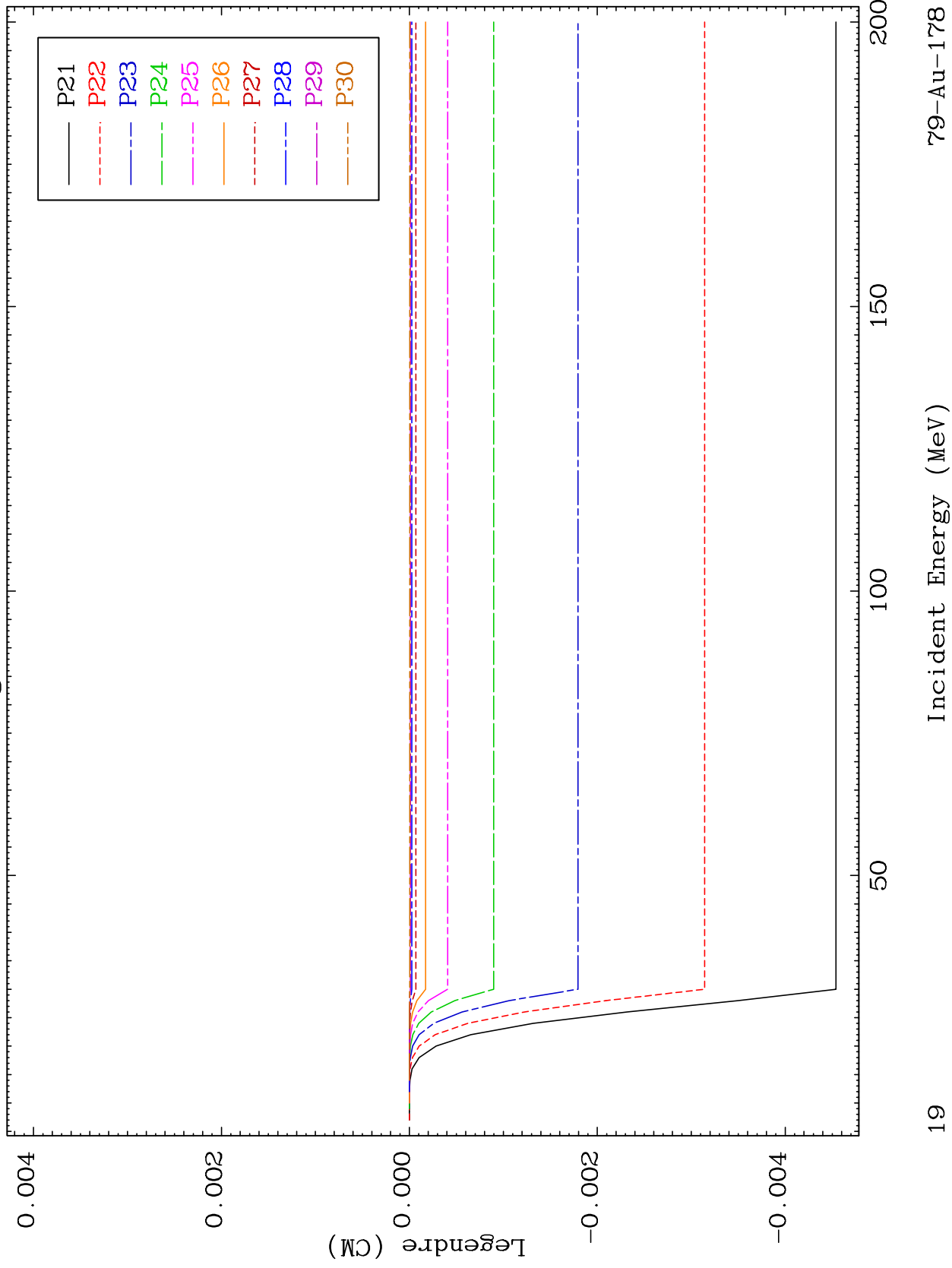
Incident Energy (MeV)

18

MAT 7868

146.1 keV (n,n') Level
Legendre Coefficients

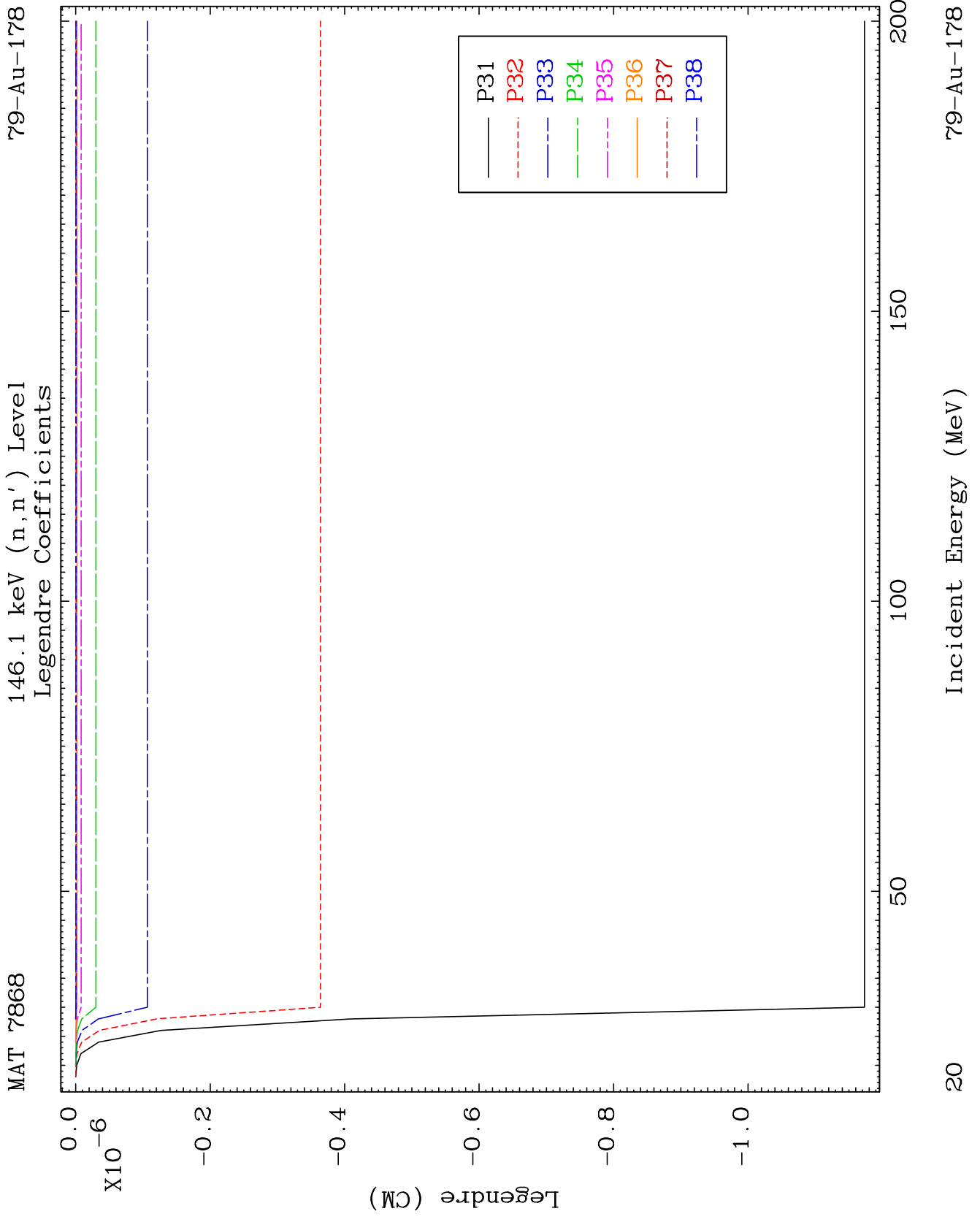
79-Au-178



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Incident Energy (MeV)

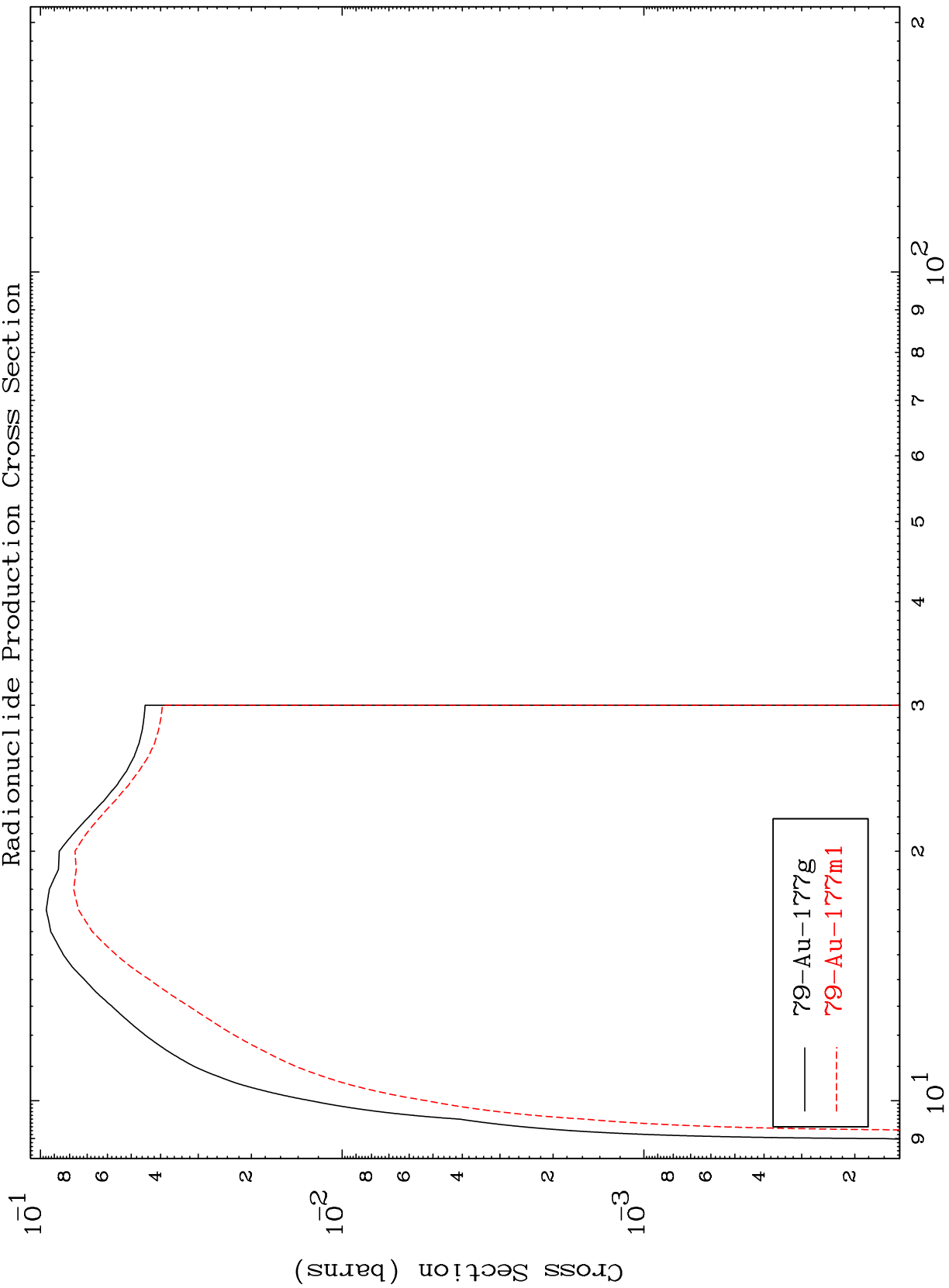
79-Au-178



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79-Au-178

(n,2n)
Radionuclide Production Cross Section



79-Au-178

Incident Energy (MeV)

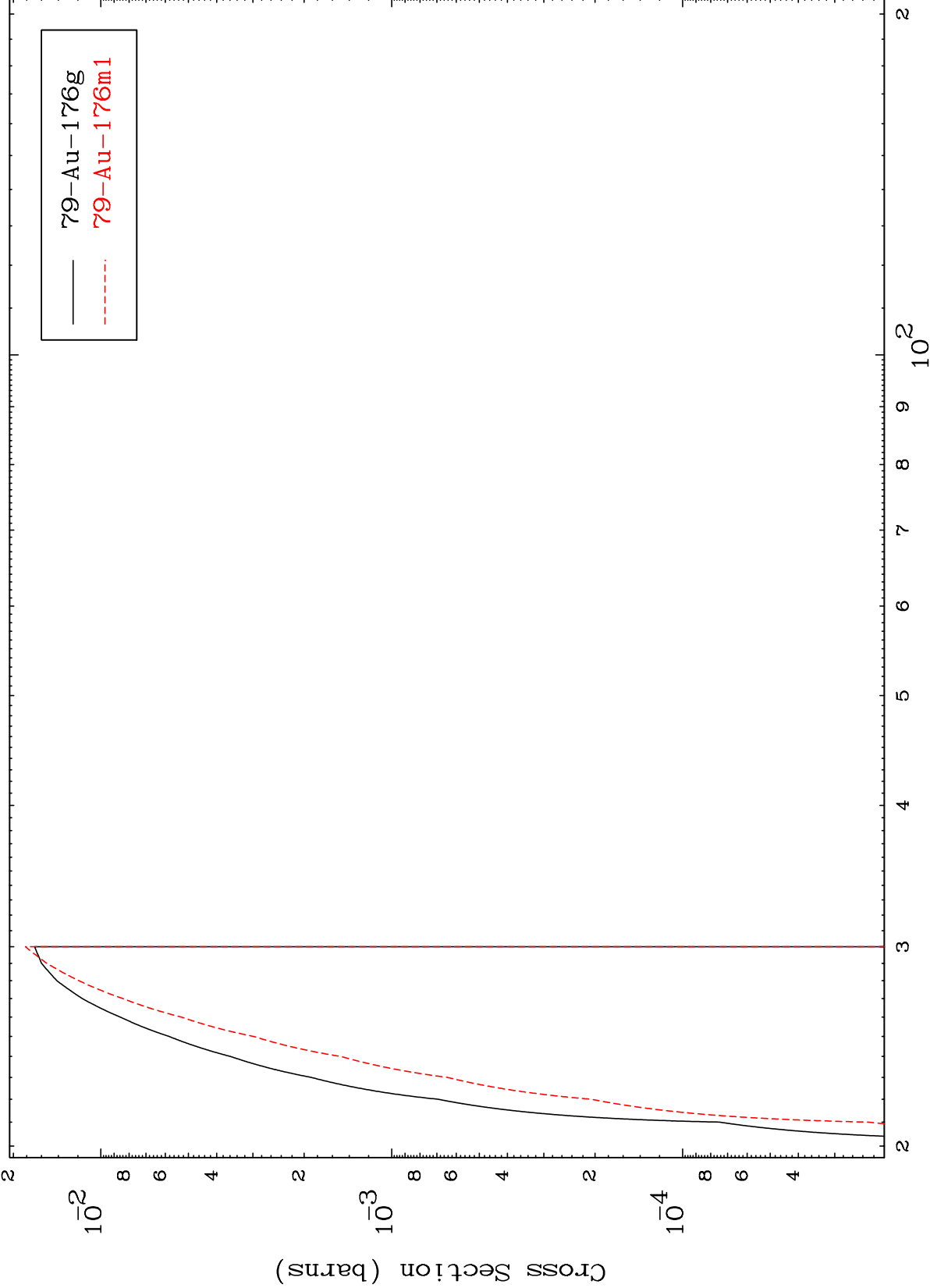
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(n,3n)

⁷⁹Au-178

Radionuclide Production Cross Section



— ⁷⁹Au-176g
- - - ⁷⁹Au-176m1

22

Incident Energy (MeV)

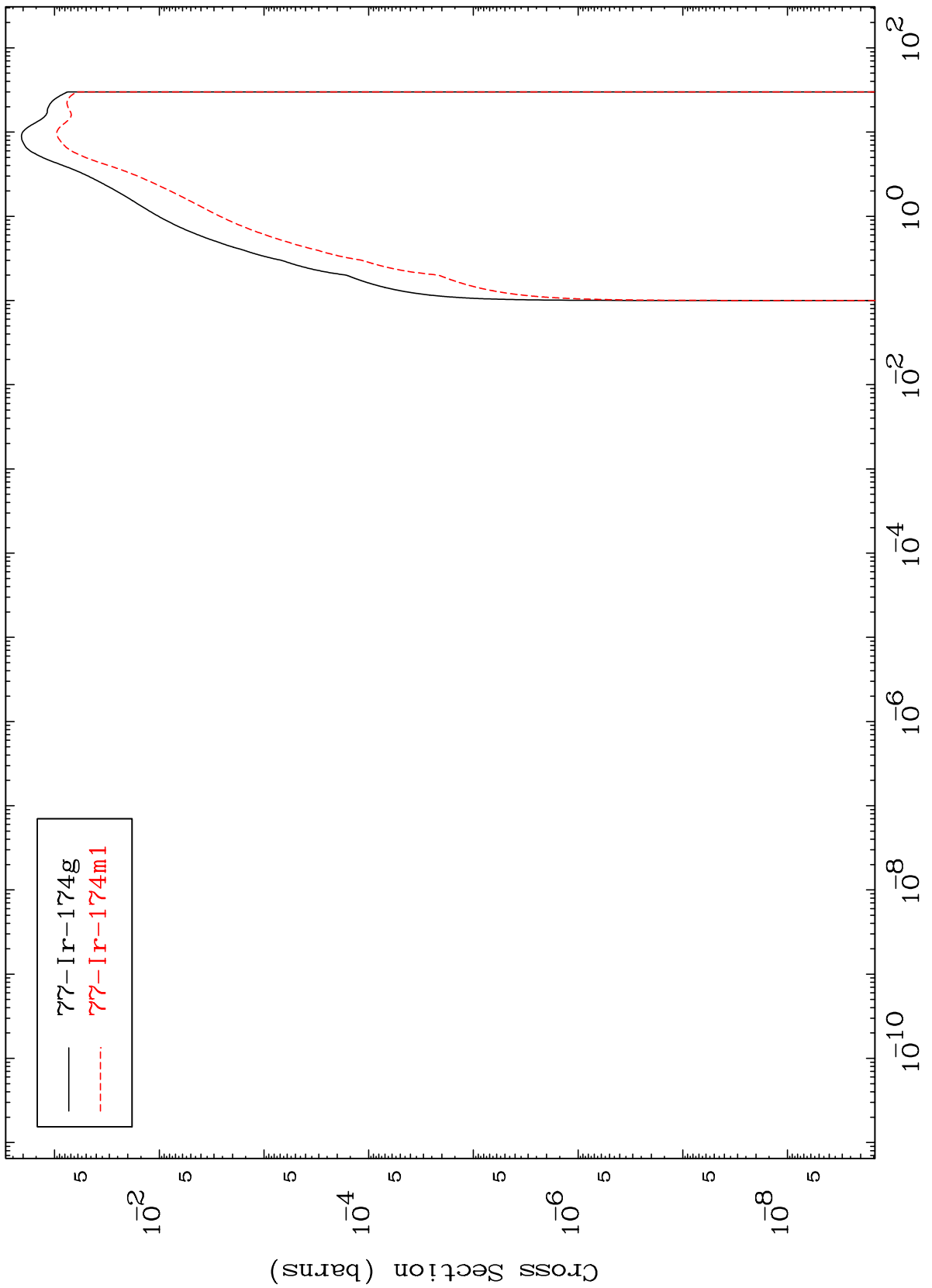
⁷⁹Au-178

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$(n, n') \alpha$

$^{79}\text{Au-178}$

Radionuclide Production Cross Section

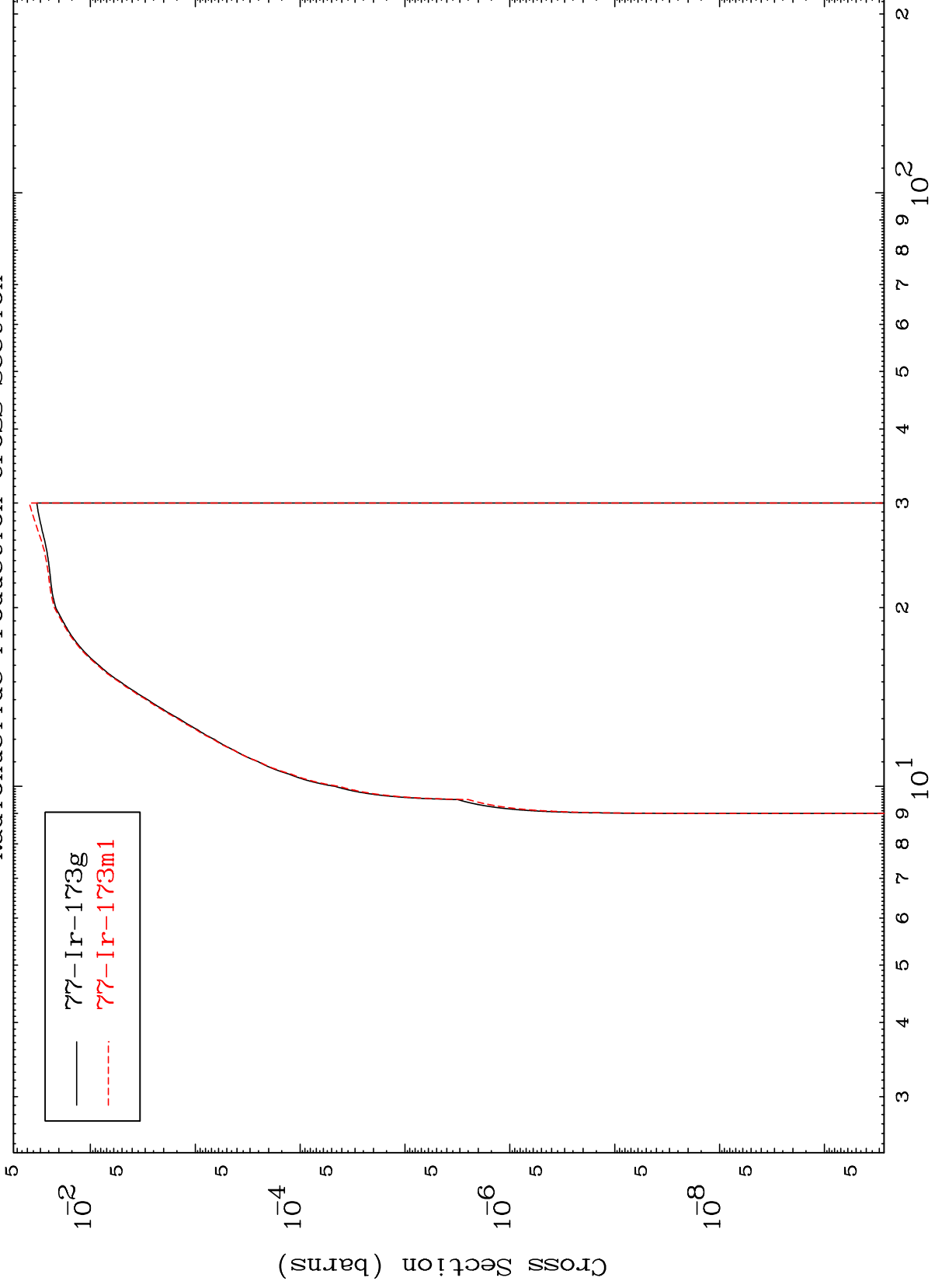


MAT 7868

$(n,2n) \alpha$

$^{79}\text{Au-178}$

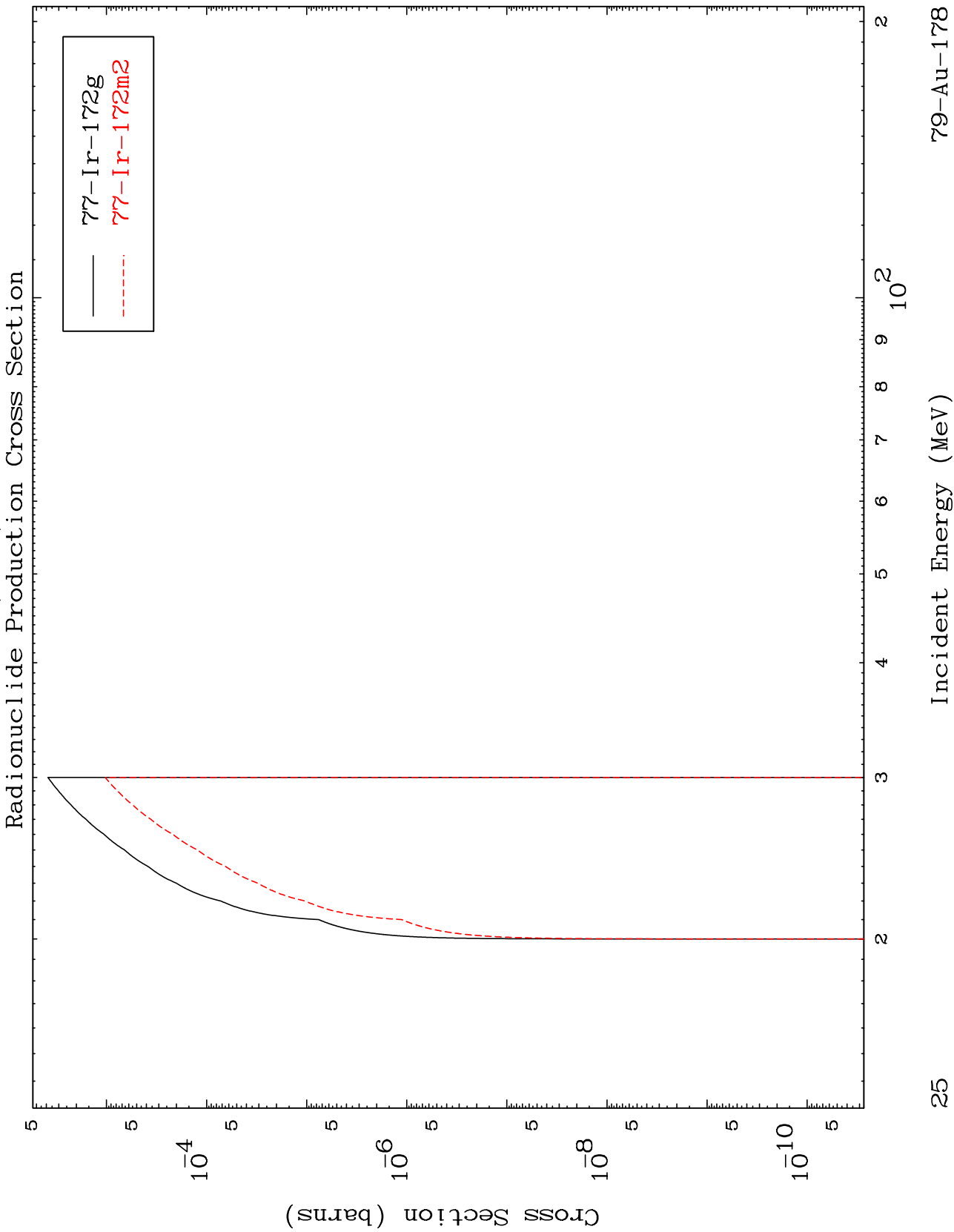
Radionuclide Production Cross Section



24

Incident Energy (MeV)

$^{79}\text{Au-178}$



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$^{75}\text{Re-169g}$ 2α

$^{79}\text{Au-178}$

Radionuclide Production Cross Section

