

Program EVALPLOT
(Version 2018-1)

by

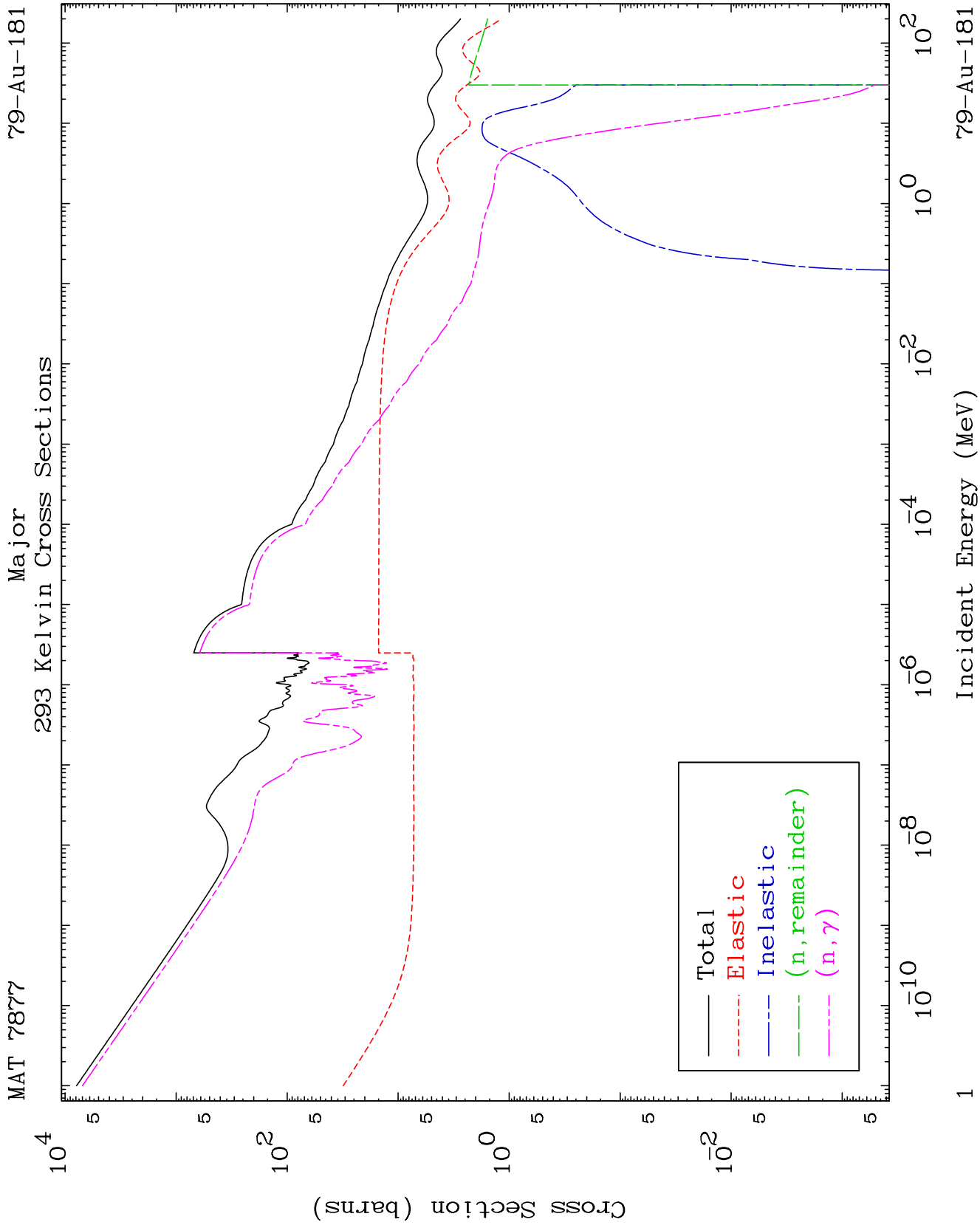
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

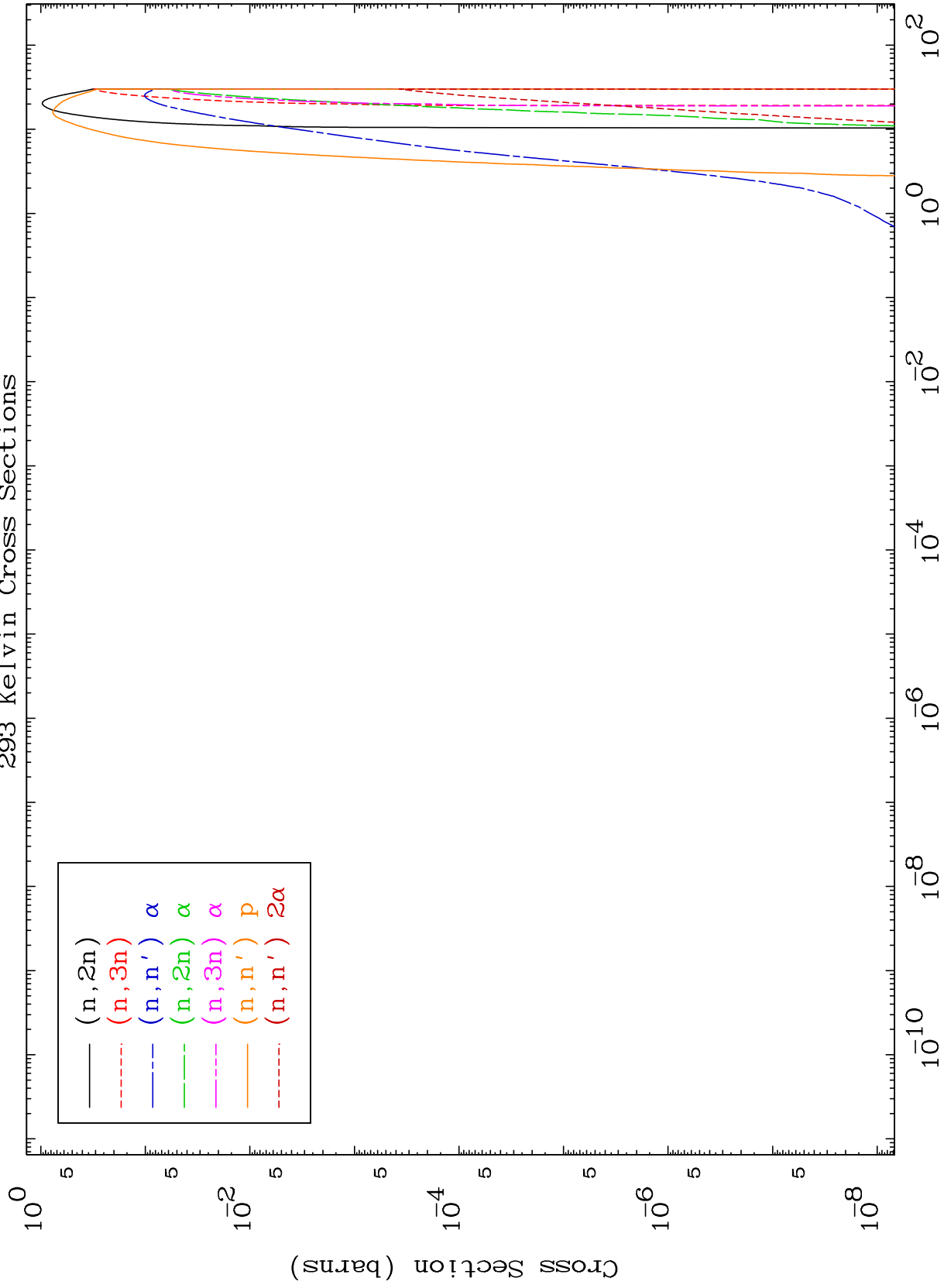
Press Mouse Button to Start



MAT 7877

Neutron Production
293 Kelvin Cross Sections

79-Au-181



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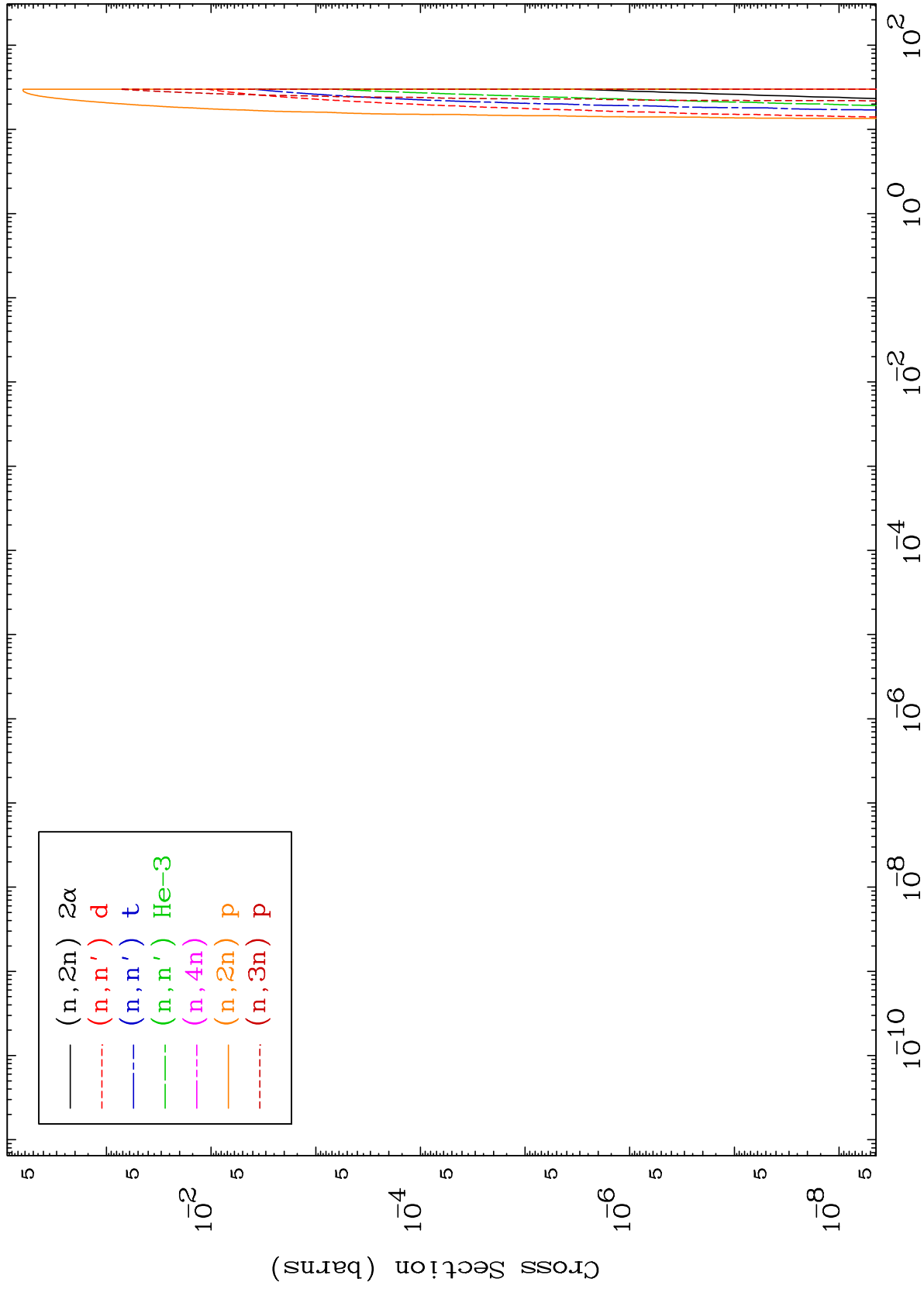
Incident Energy (MeV)

79-Au-181

MAT 7877

Neutron Production
293 Kelvin Cross Sections

79-Au-181

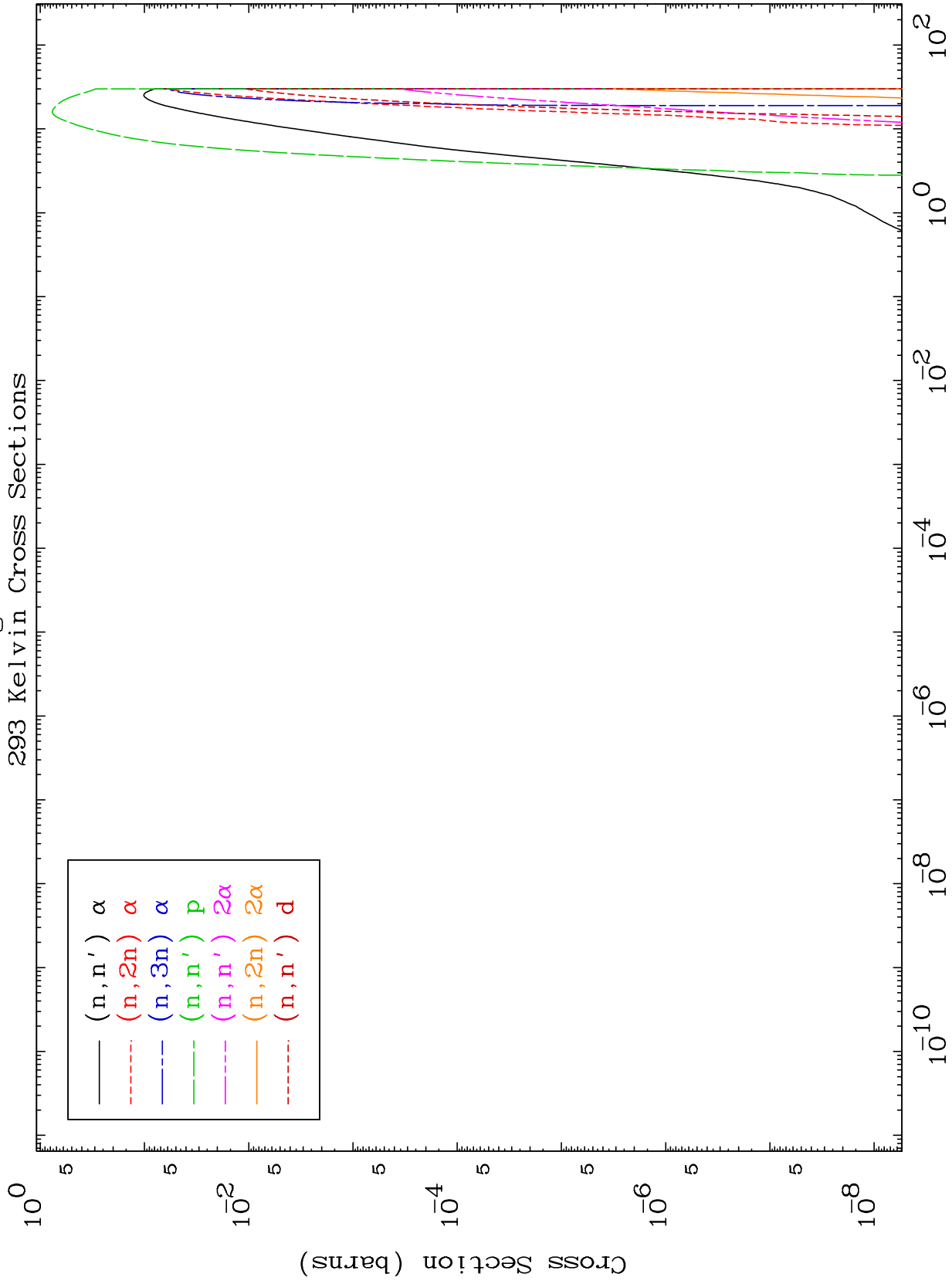


79-Au-181

MAT 7877

293 Kelvin Cross Sections

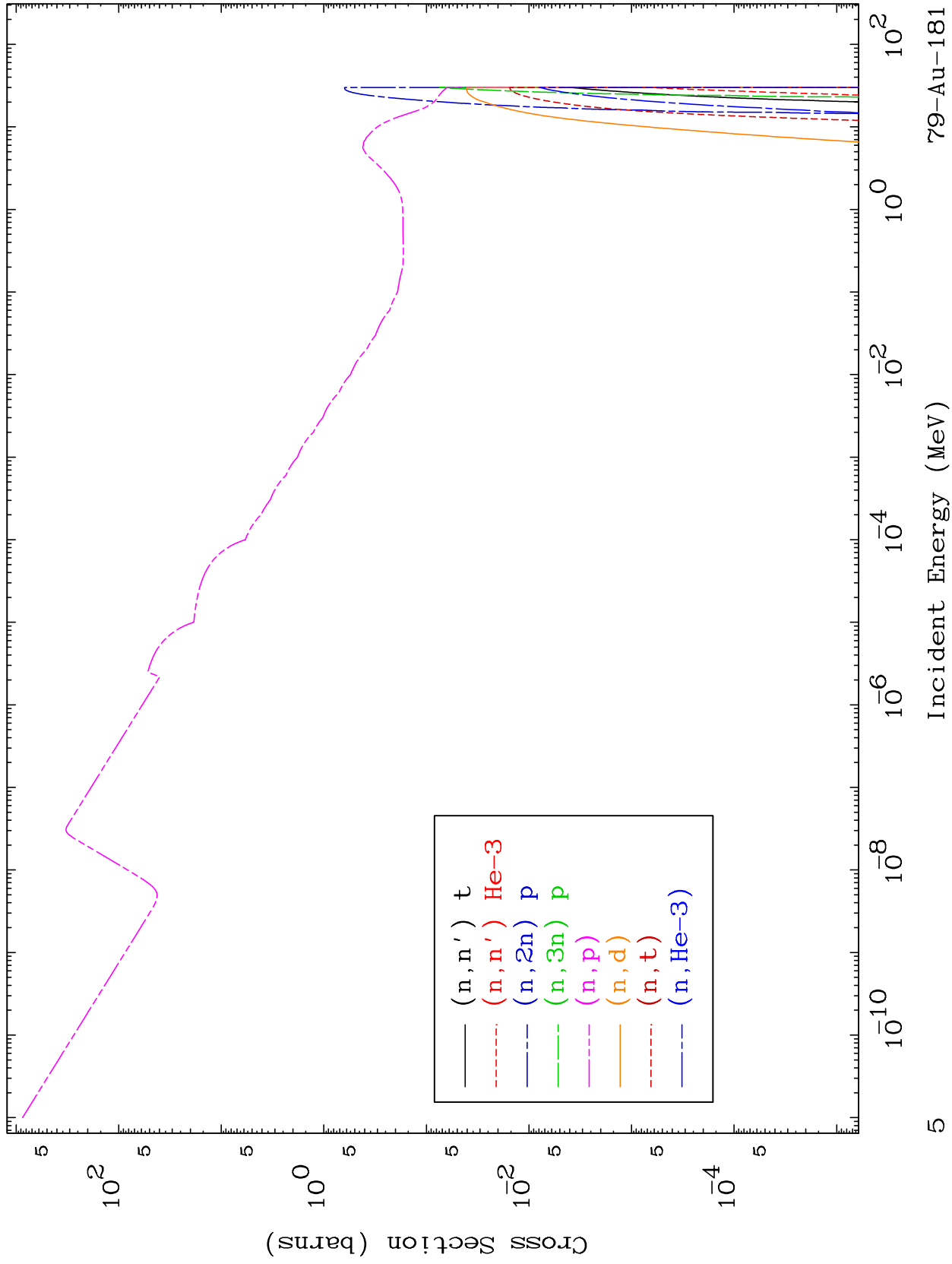
79-Au-181



MAT 7877

293 Kelvin Cross Sections

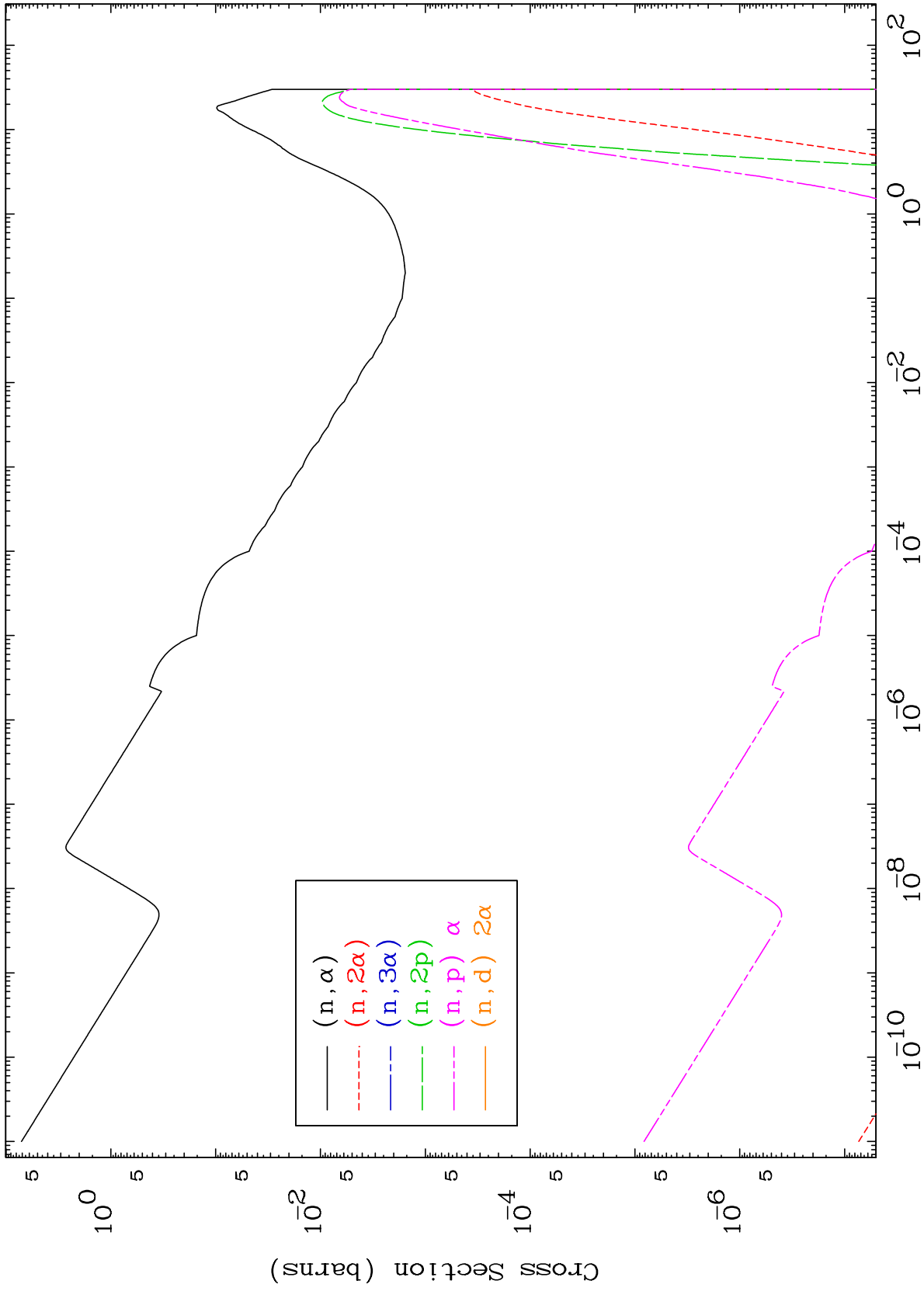
79-Au-181



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Charged Particle
293 Kelvin Cross Sections

79-Au-181

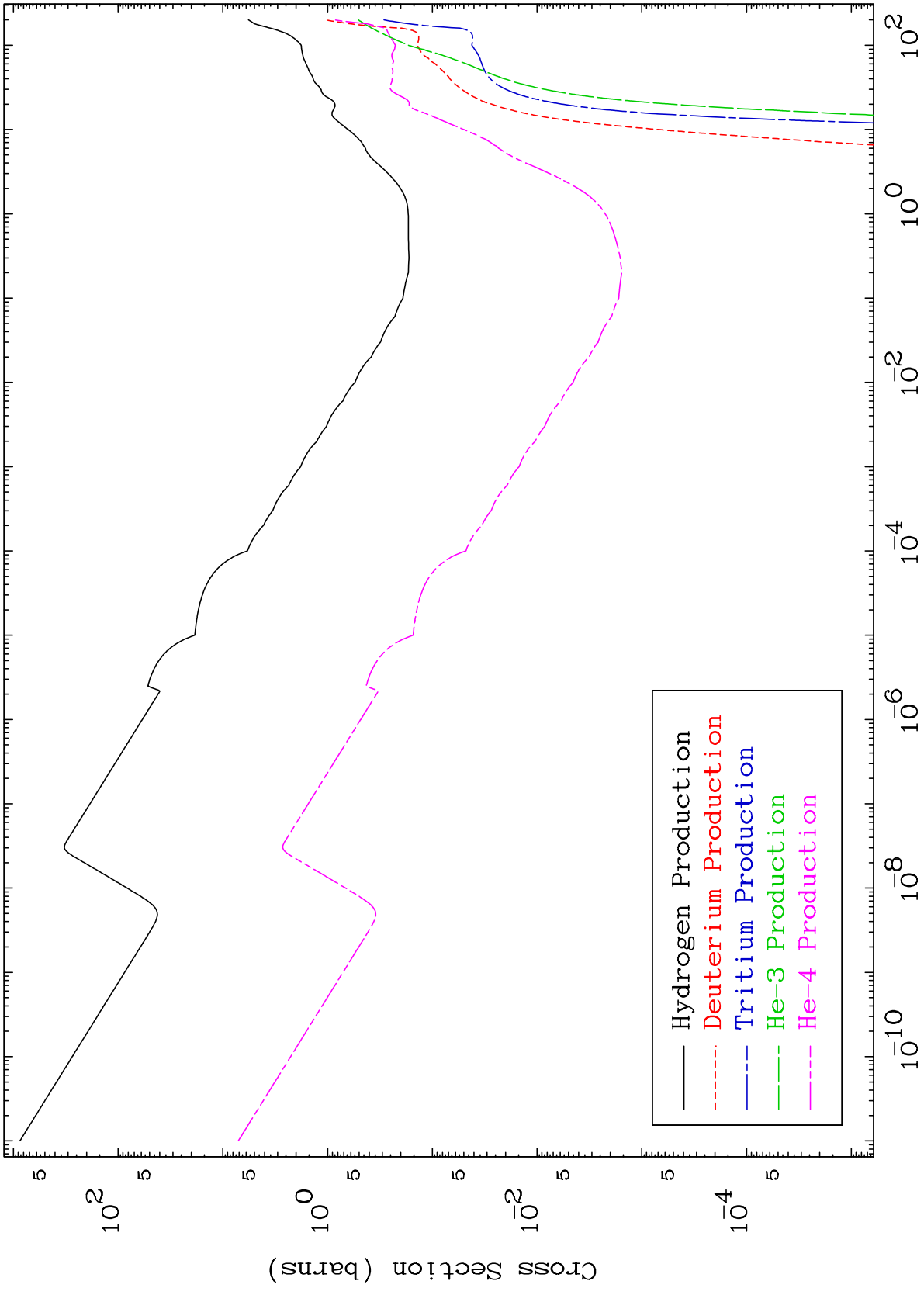


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Particle Production
293 Kelvin Cross Sections

79-Au-181



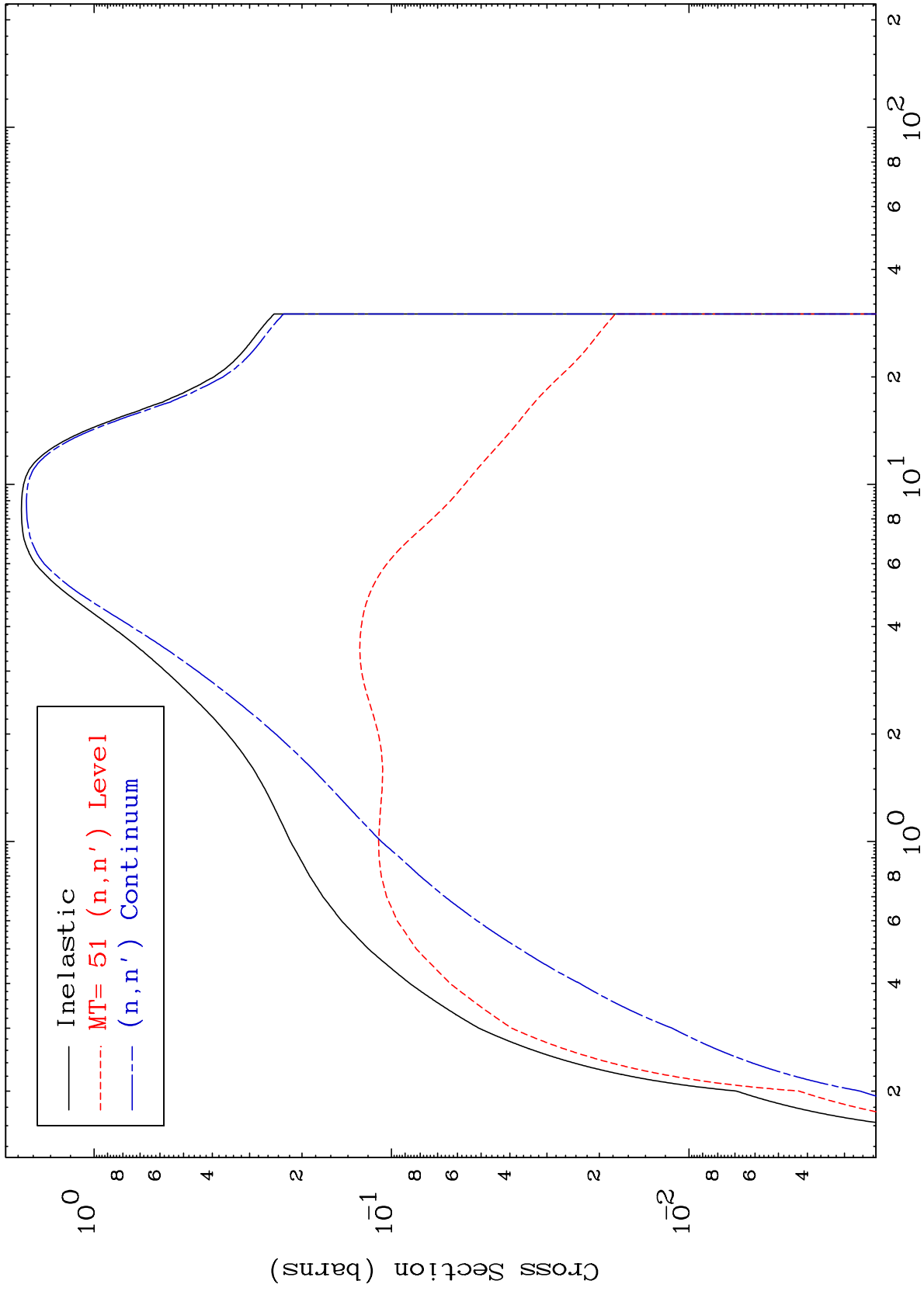
79-Au-181

Incident Energy (MeV)

MAT 7877

293 Kelvin Cross Sections

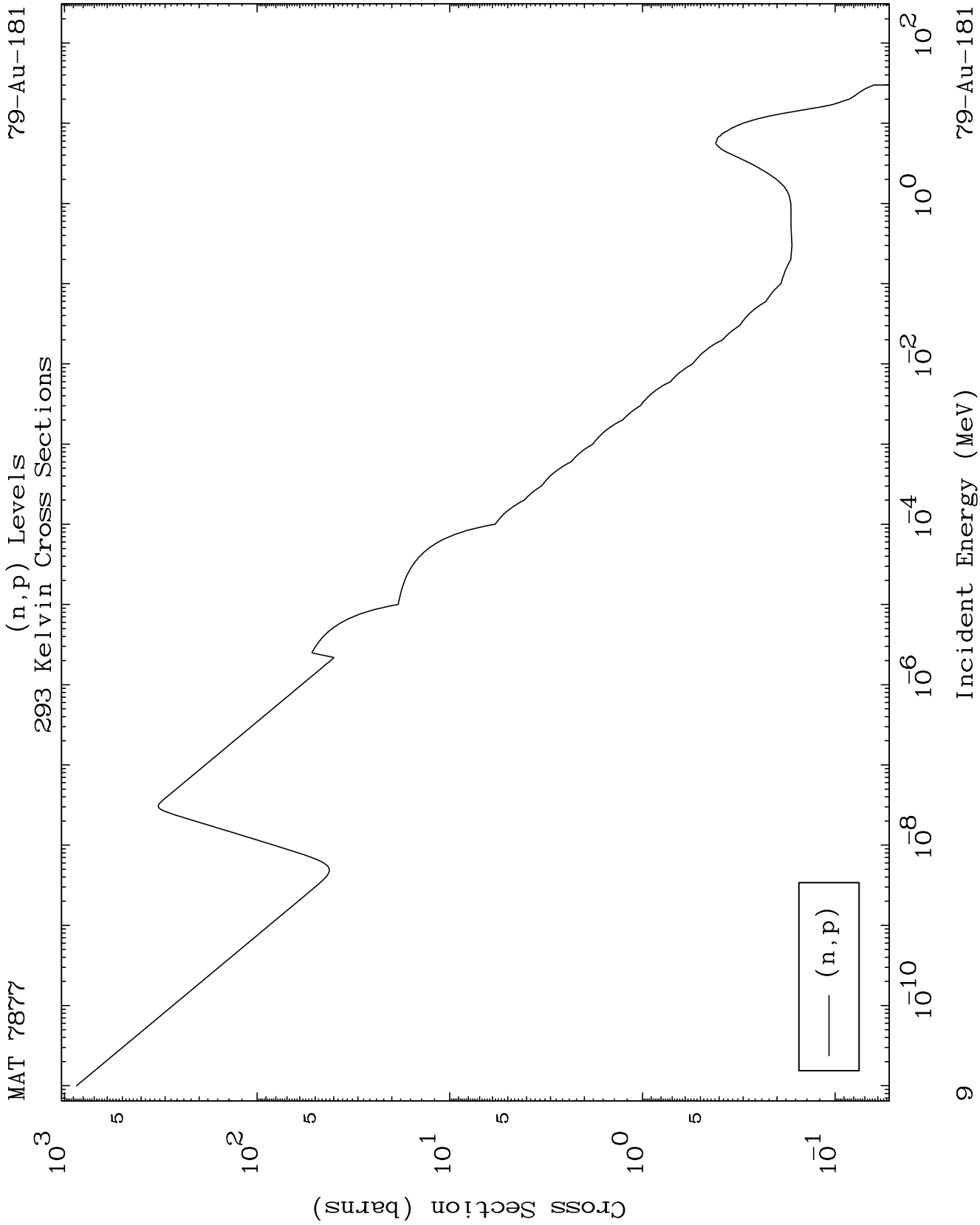
79-Au-181



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Incident Energy (MeV)

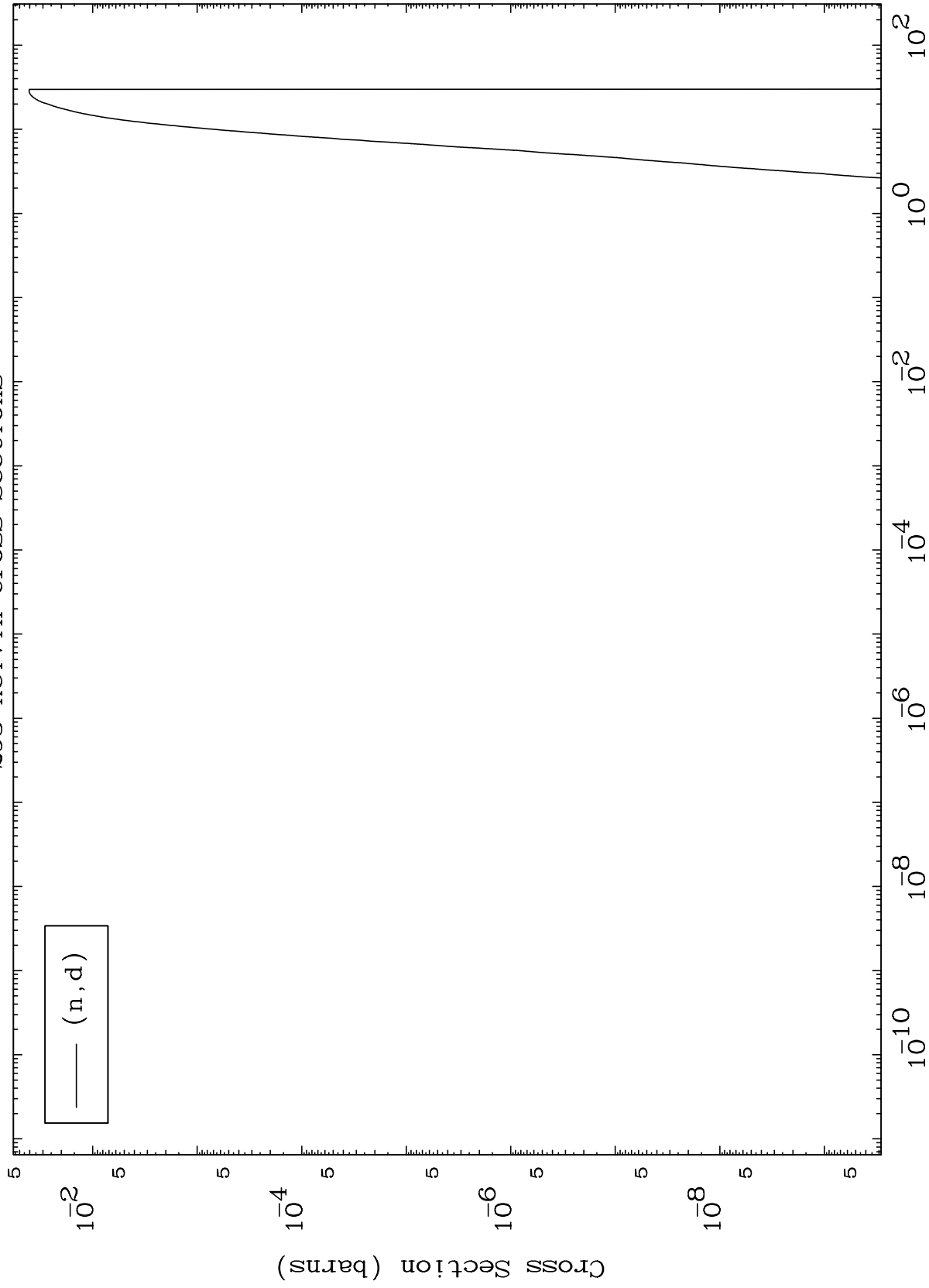
79-Au-181



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(n,d) Levels
293 Kelvin Cross Sections

79-Au-181



(n,d)

10

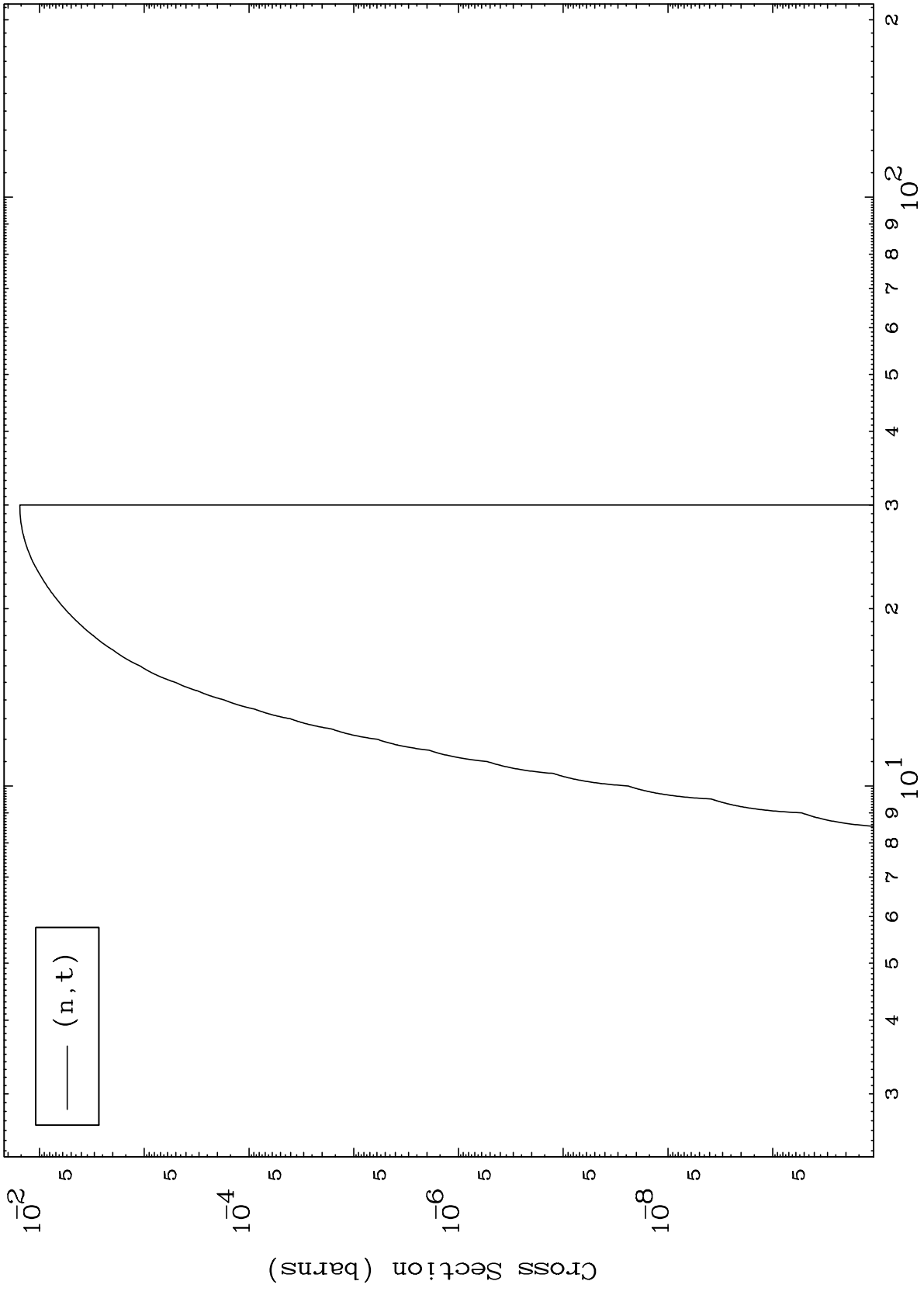
Incident Energy (MeV)

79-Au-181

MAT 7877

(n,t) Levels
293 Kelvin Cross Sections

79-Au-181



11

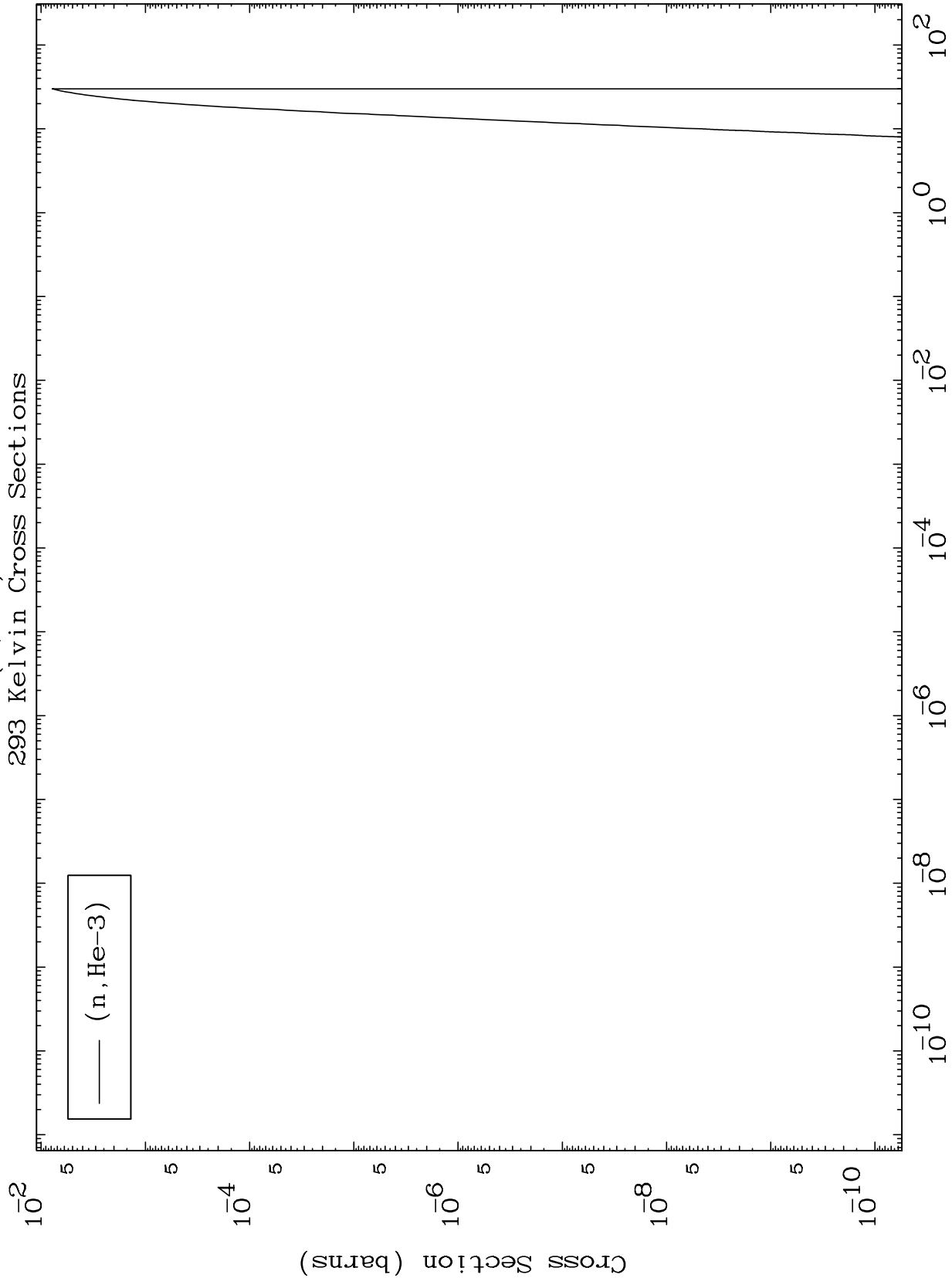
Incident Energy (MeV)

79-Au-181

MAT 7877

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-181



12

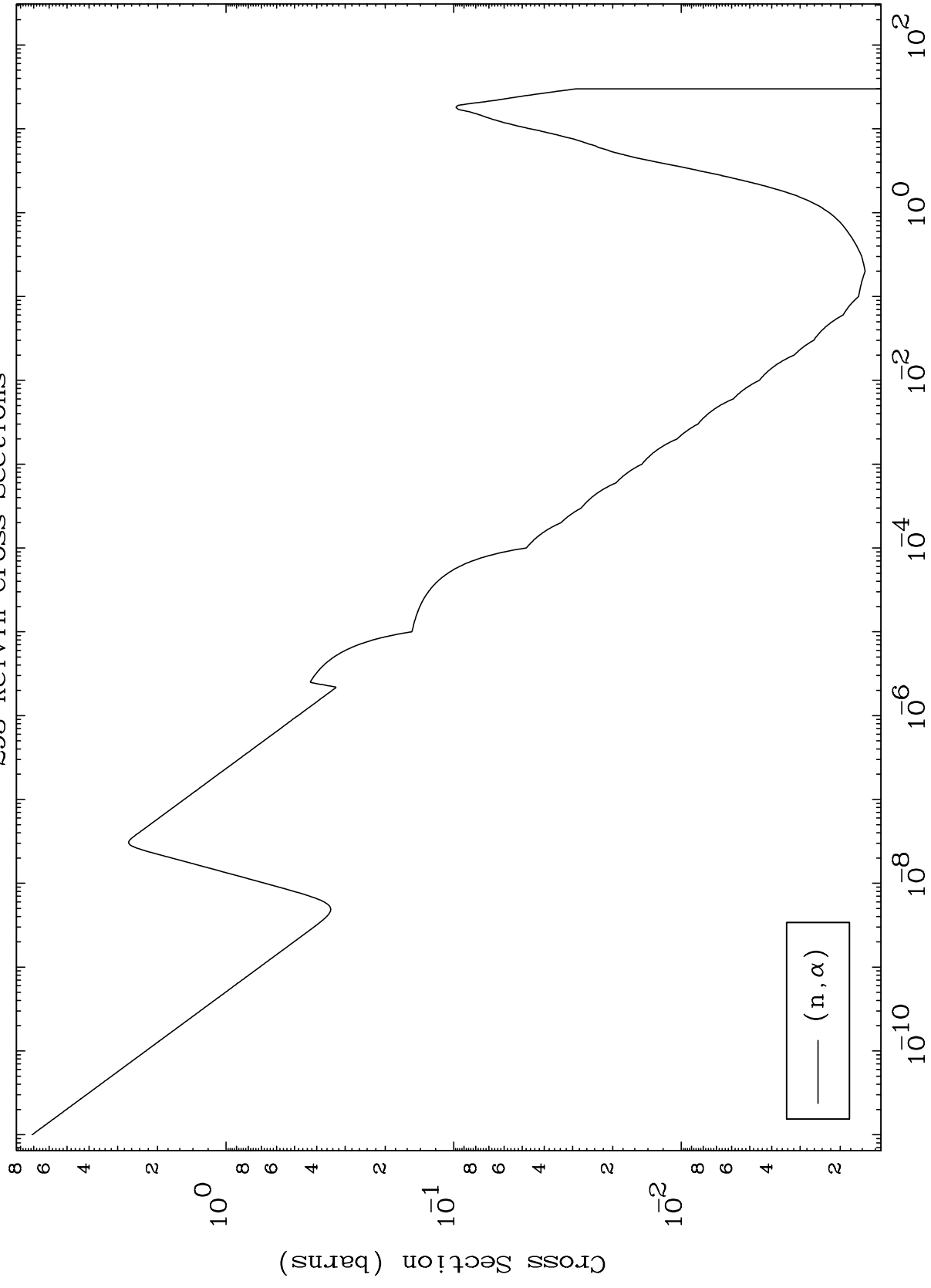
Incident Energy (MeV)

79-Au-181

MAT 7877

(n,α) Levels
293 Kelvin Cross Sections

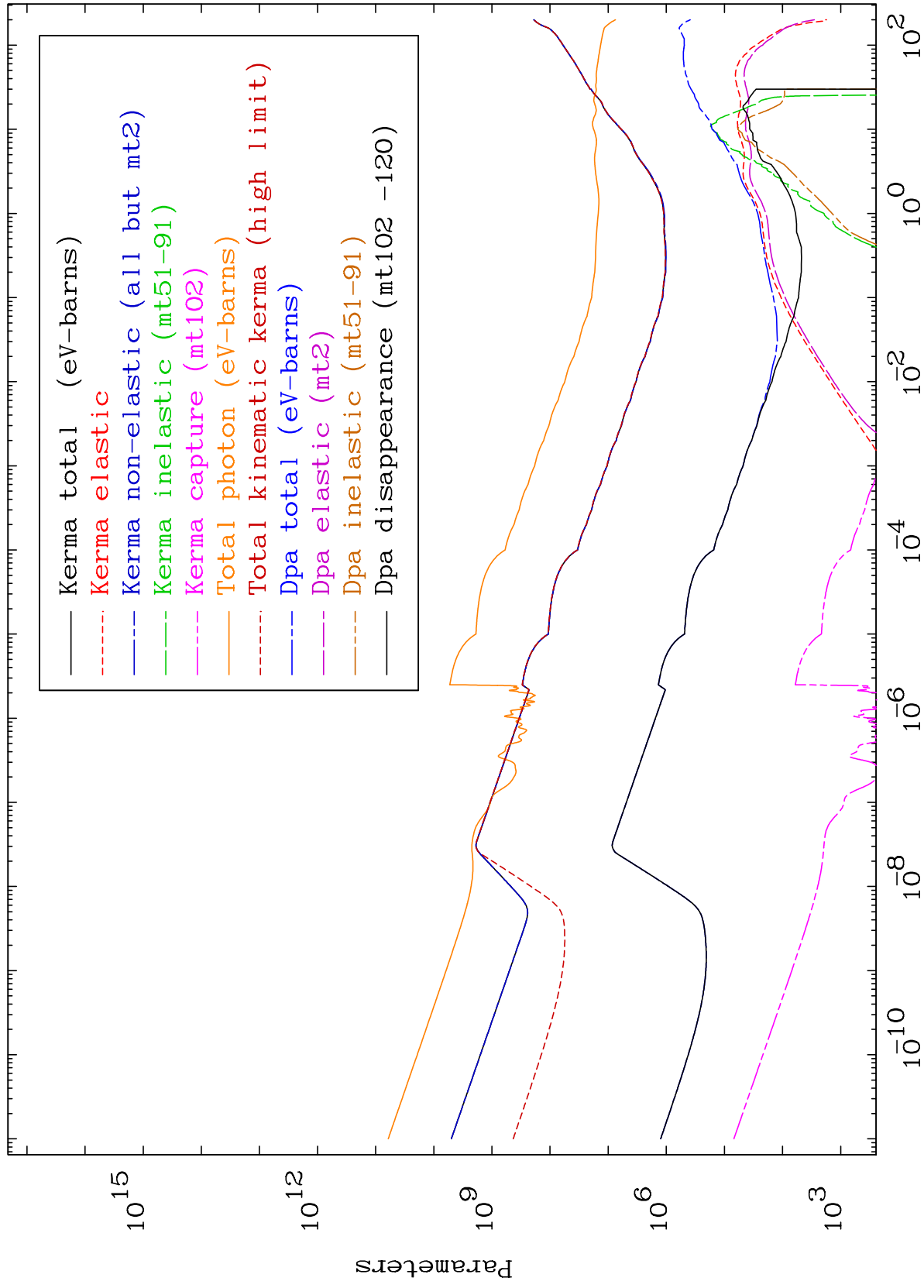
79-Au-181

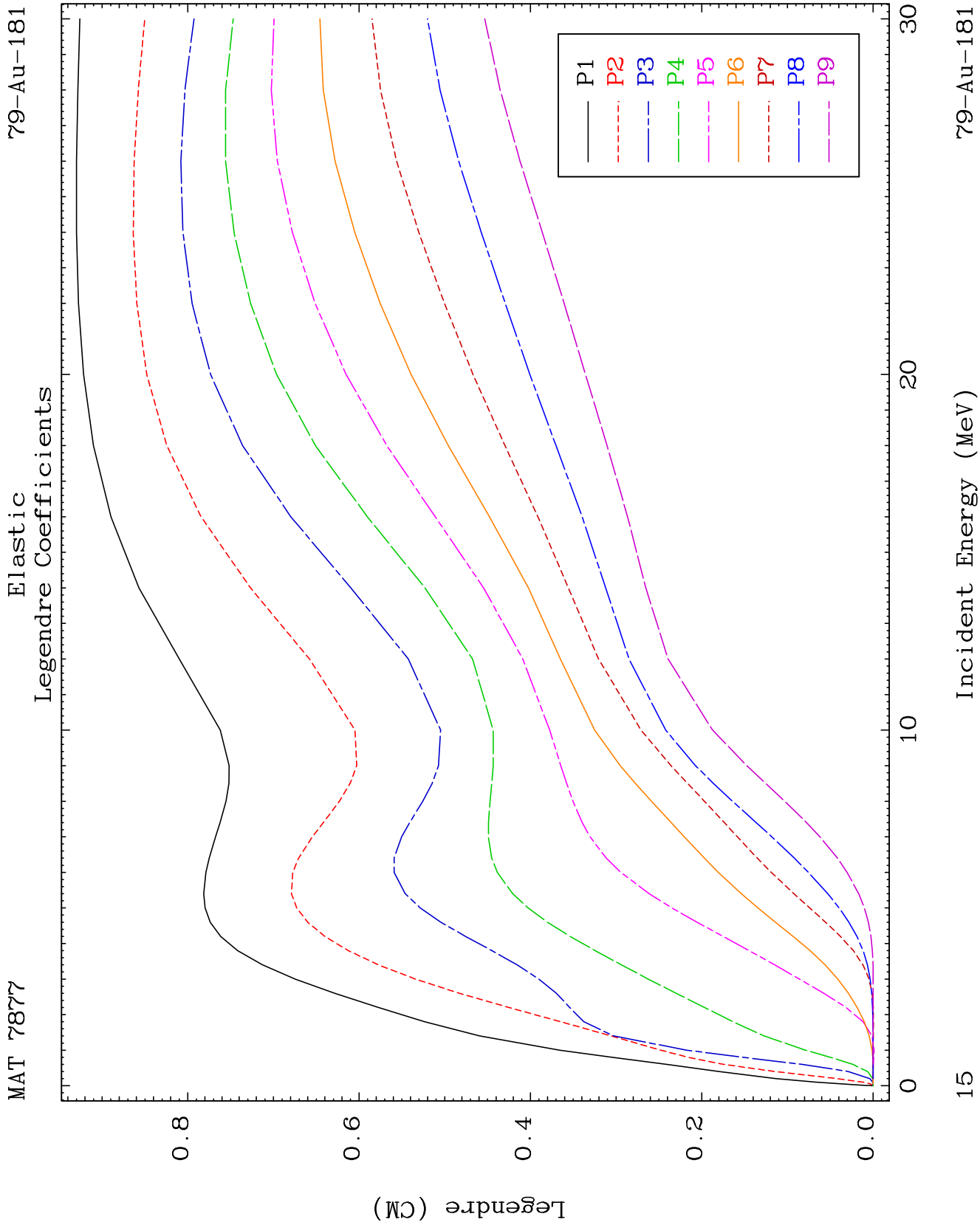


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Incident Energy (MeV)

79-Au-181

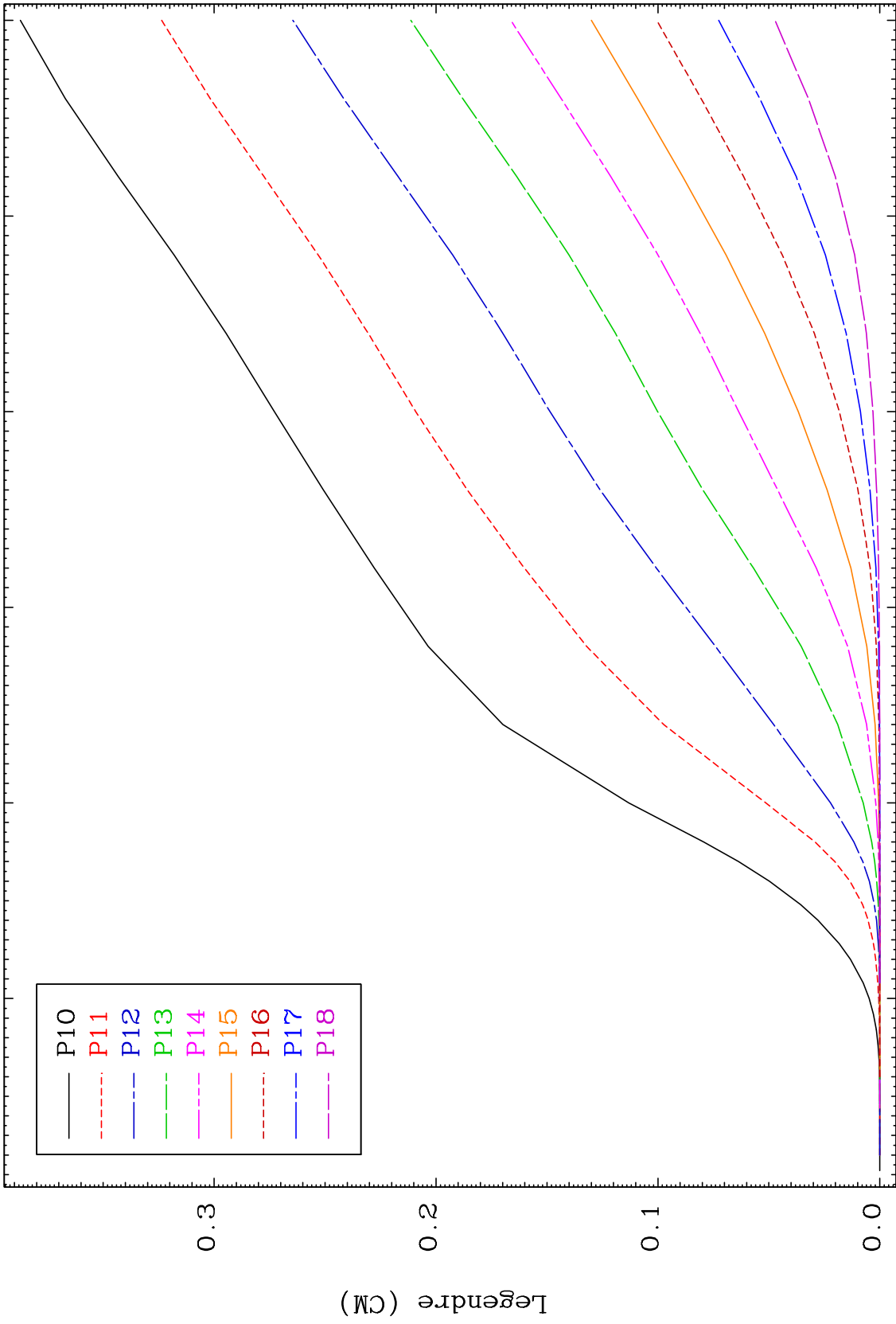




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Elastic Legendre Coefficients

⁷⁹Au-¹⁸¹



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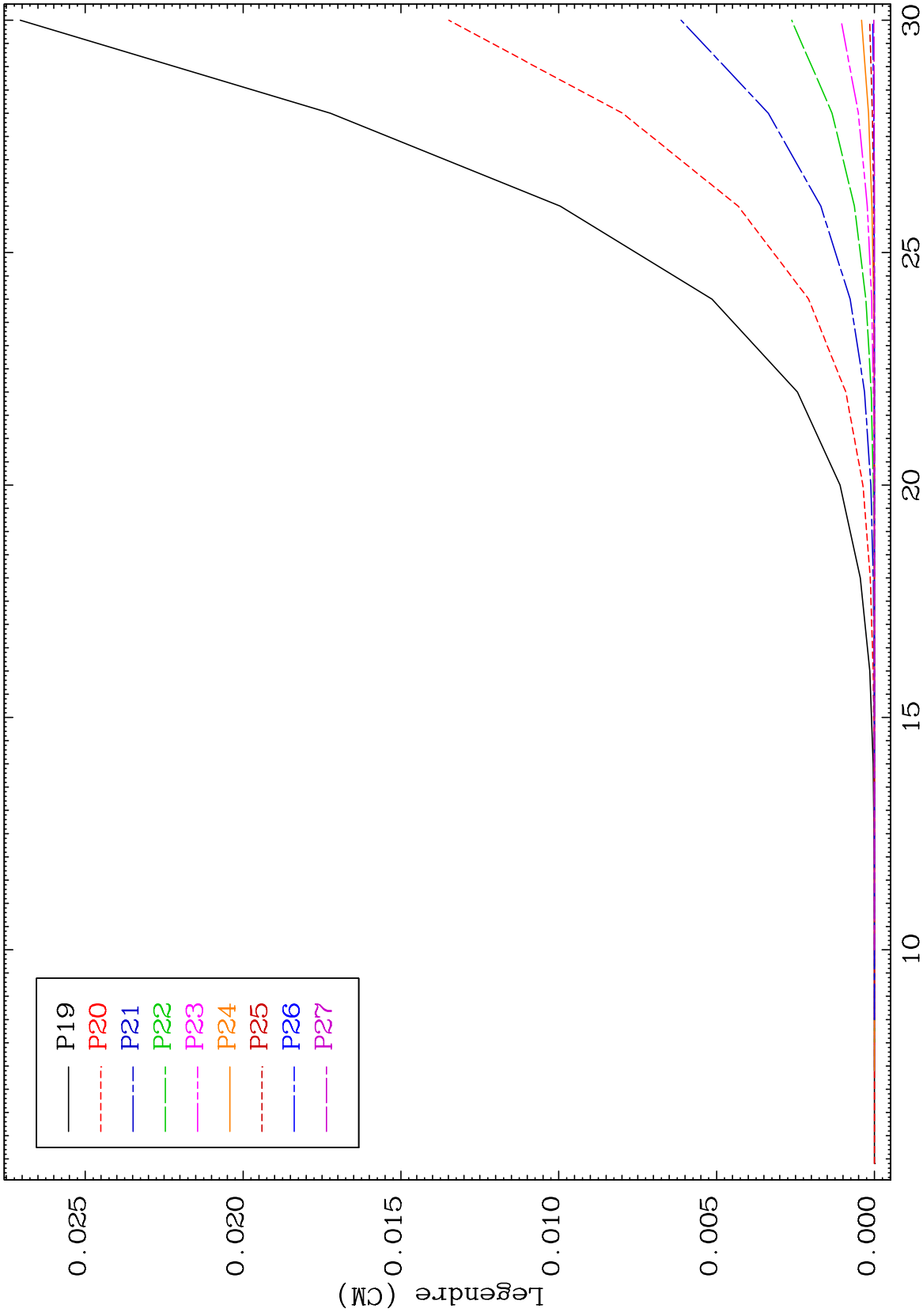
Incident Energy (MeV)

⁷⁹Au-¹⁸¹

MAT 7877

Elastic Legendre Coefficients

79-Au-181



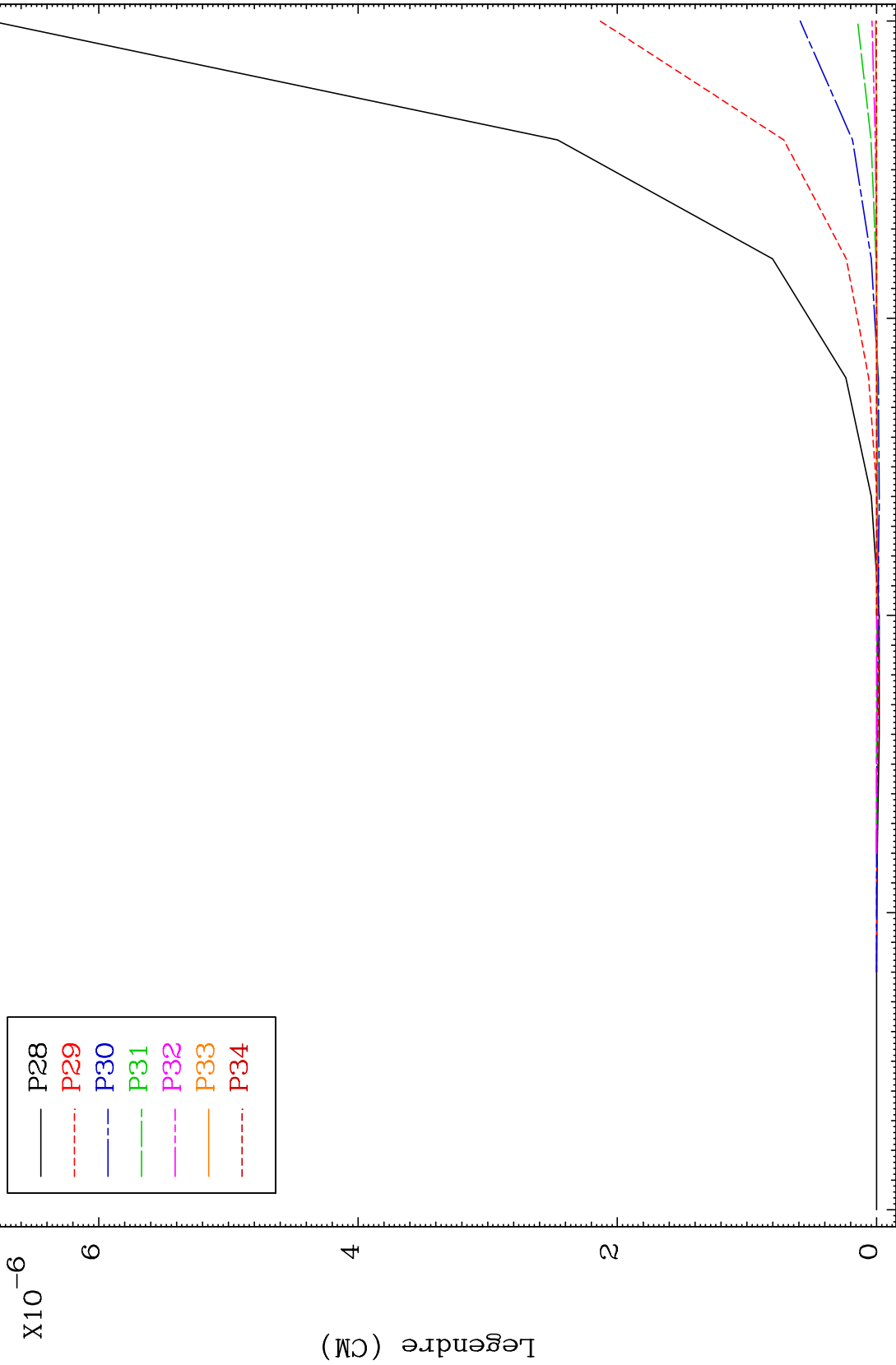
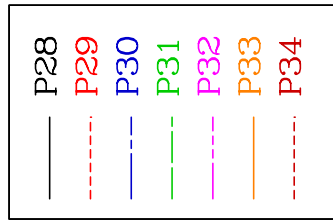
17

79-Au-181

MAT 7877

Elastic Legendre Coefficients

79-Au-181



10

15

20

25

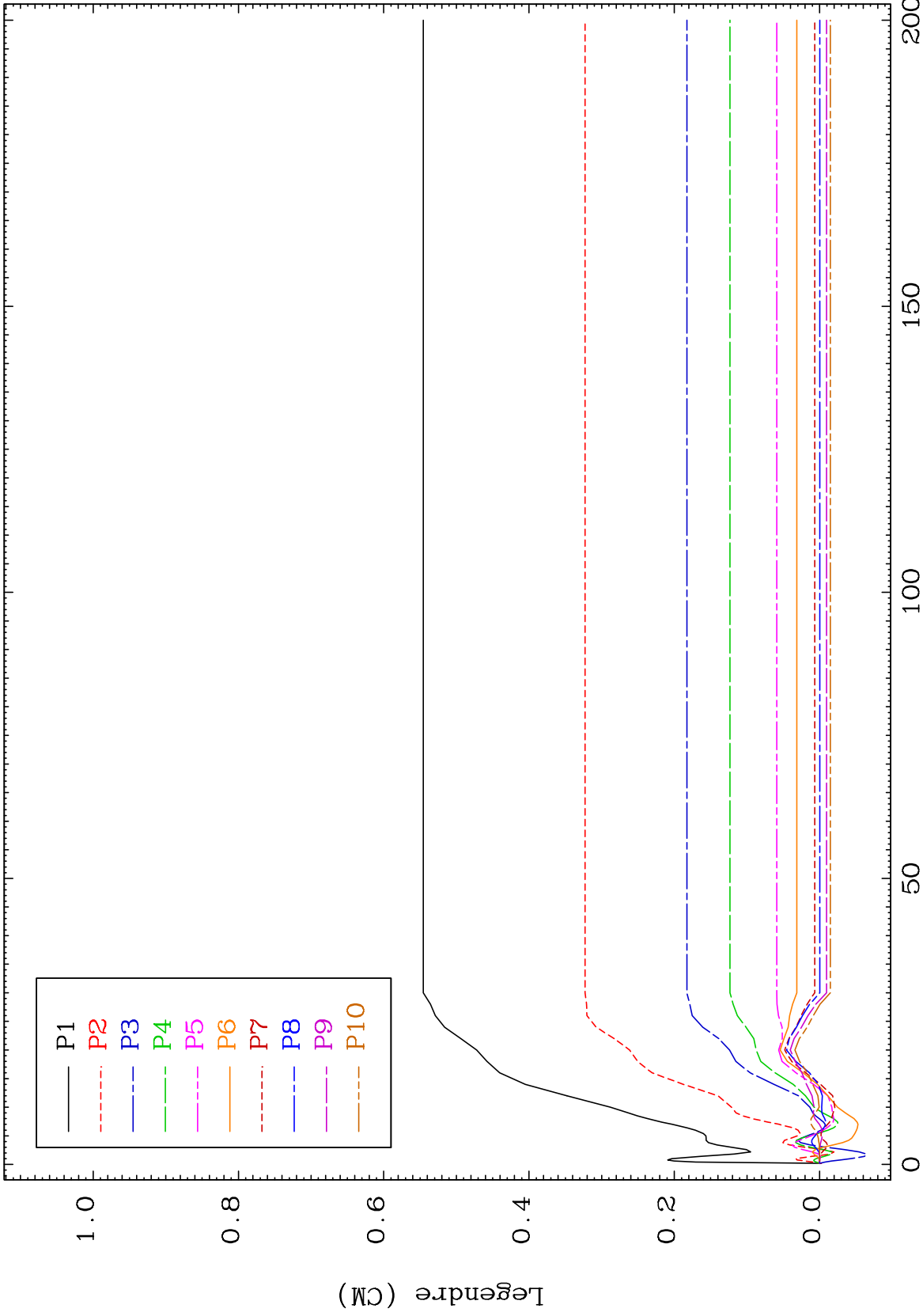
30

79-Au-181

MAT 7877

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

79-Au-181



19

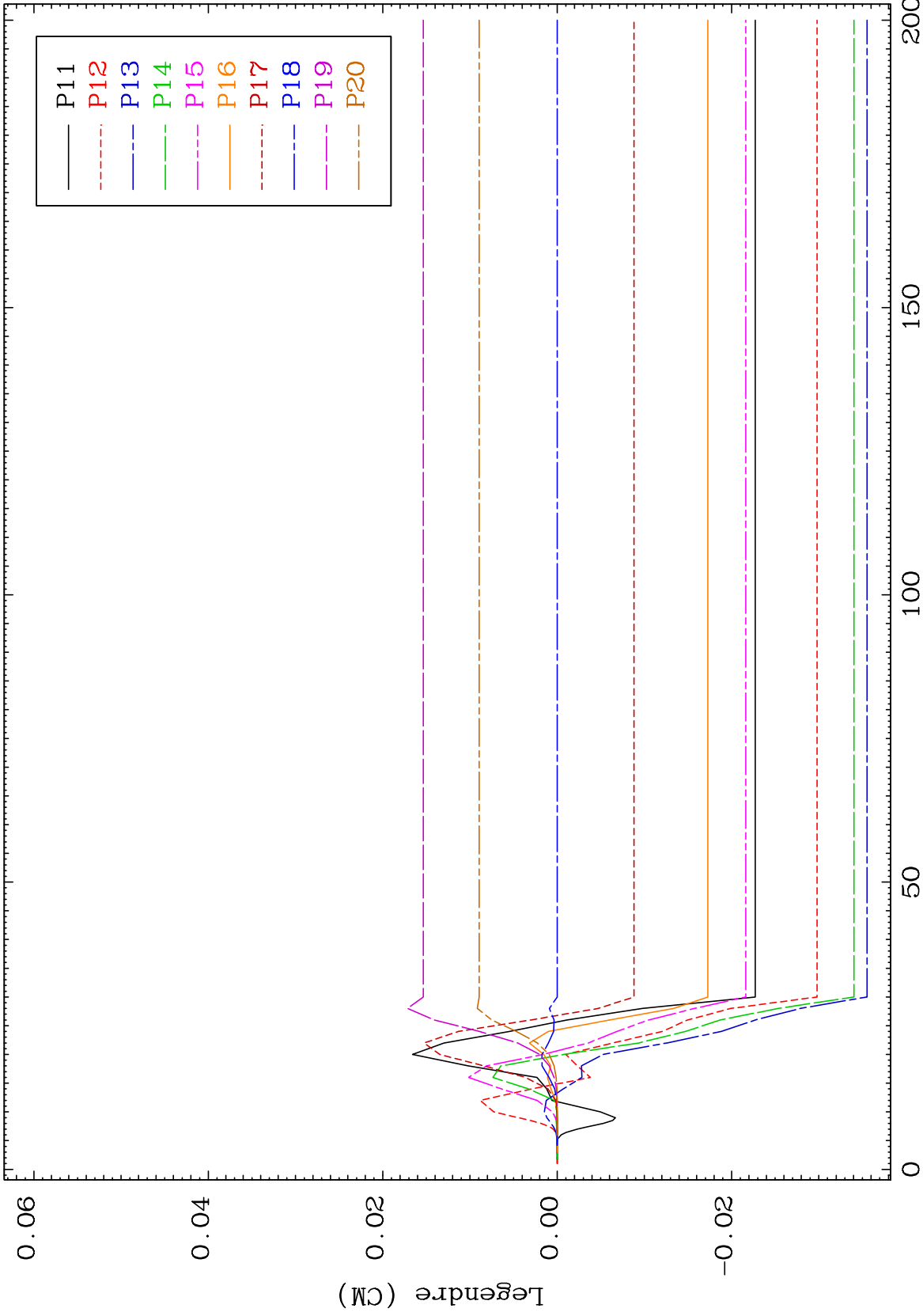
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



20

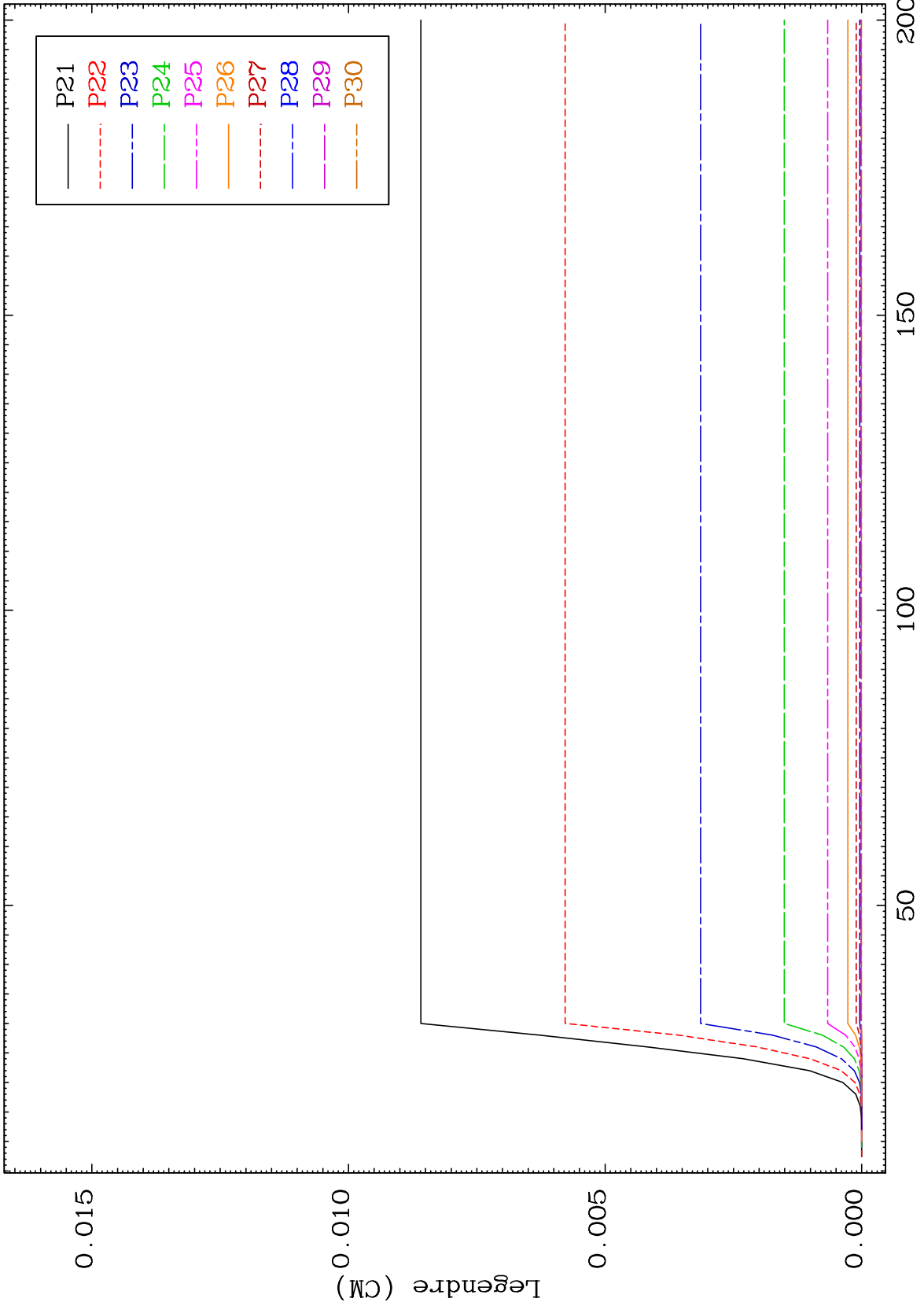
Incident Energy (MeV)

79-Au-181

MAT 7877

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

79-Au-181



21

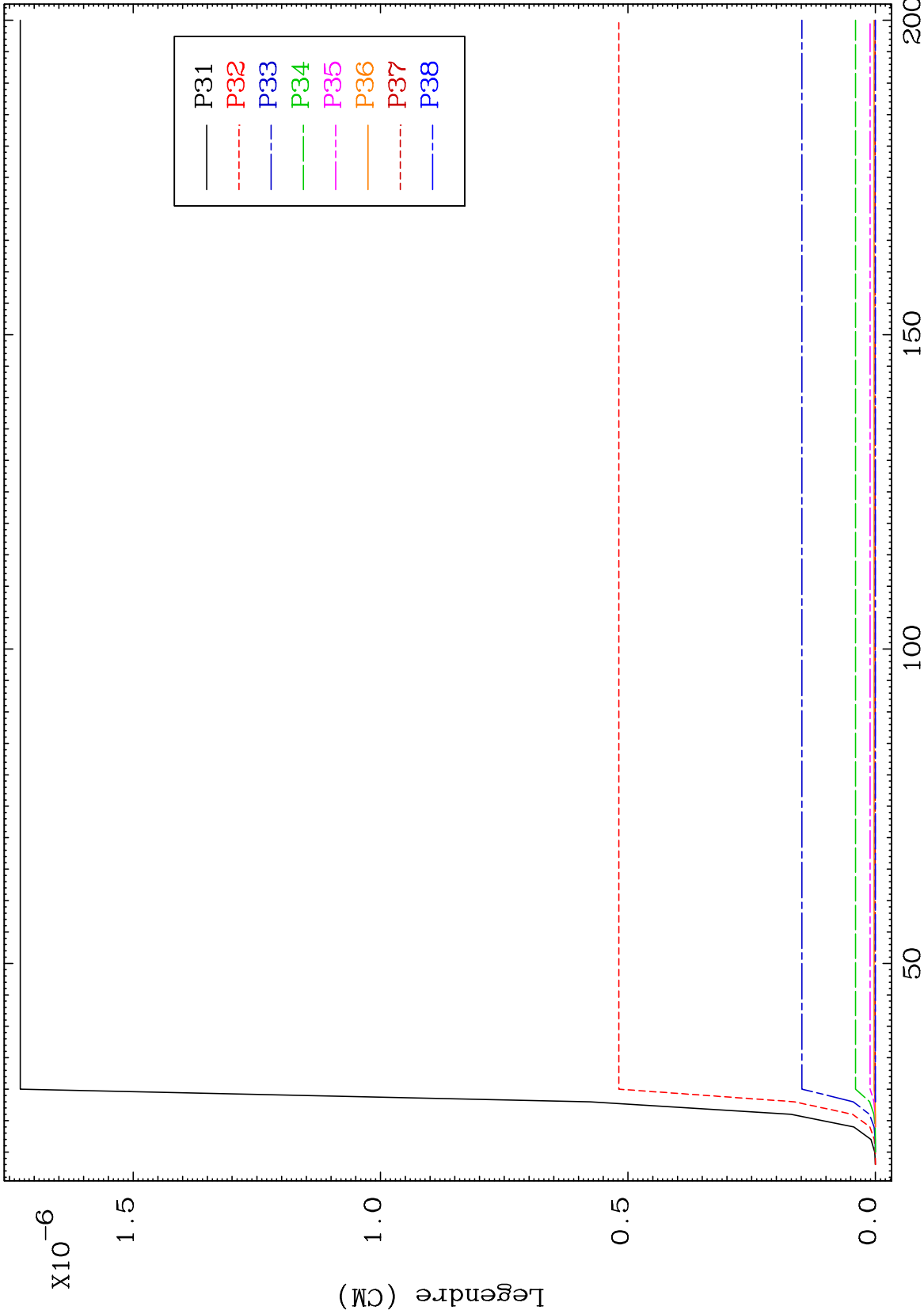
Incident Energy (MeV)

79-Au-181

MAT 7877

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

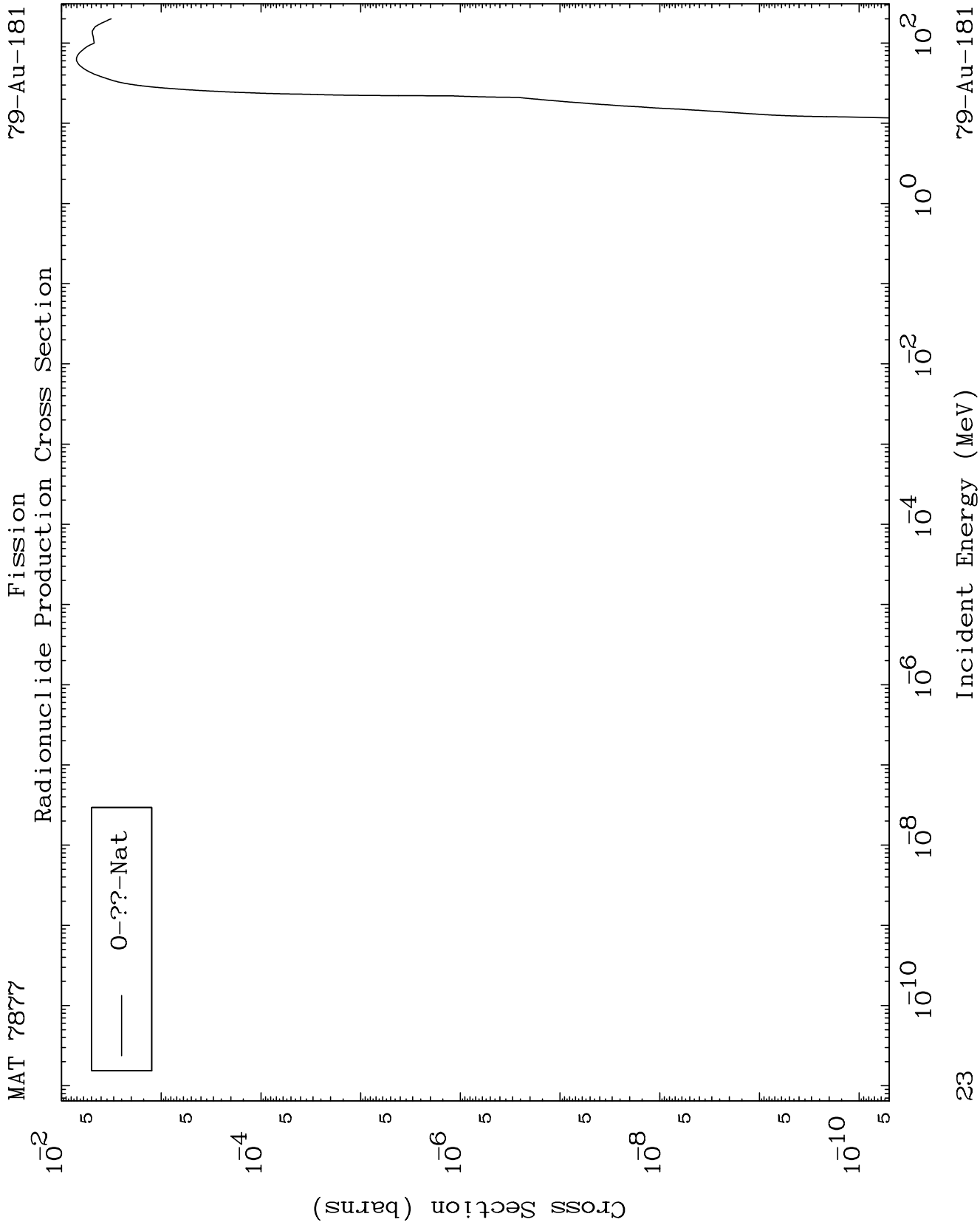
79-Au-181



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Incident Energy (MeV)

79-Au-181

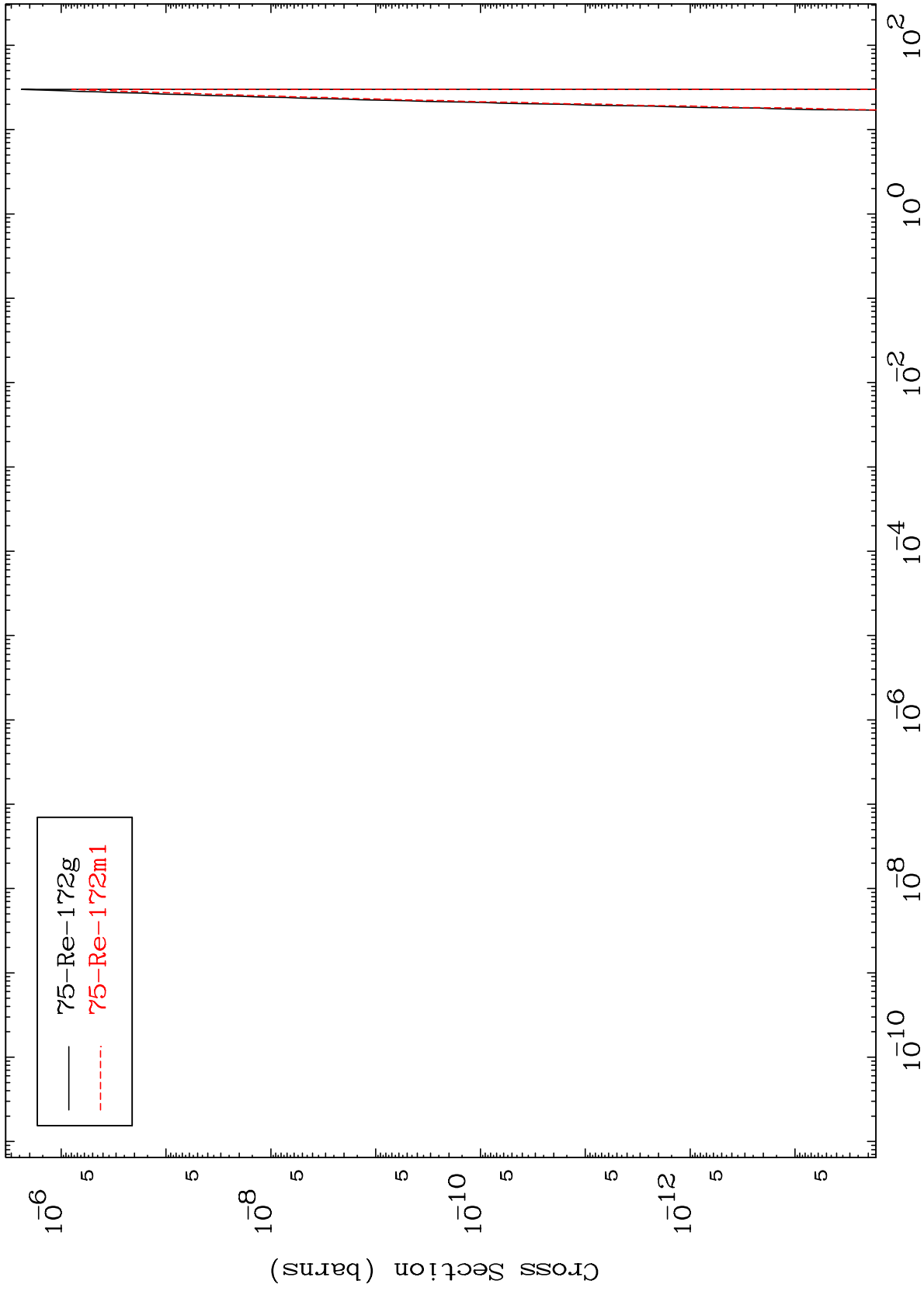


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(n,2n) 2 α

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Radionuclide Production Cross Section



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Incident Energy (MeV)

79-Au-181