

Program EVALPLOT
(Version 2018-1)

by

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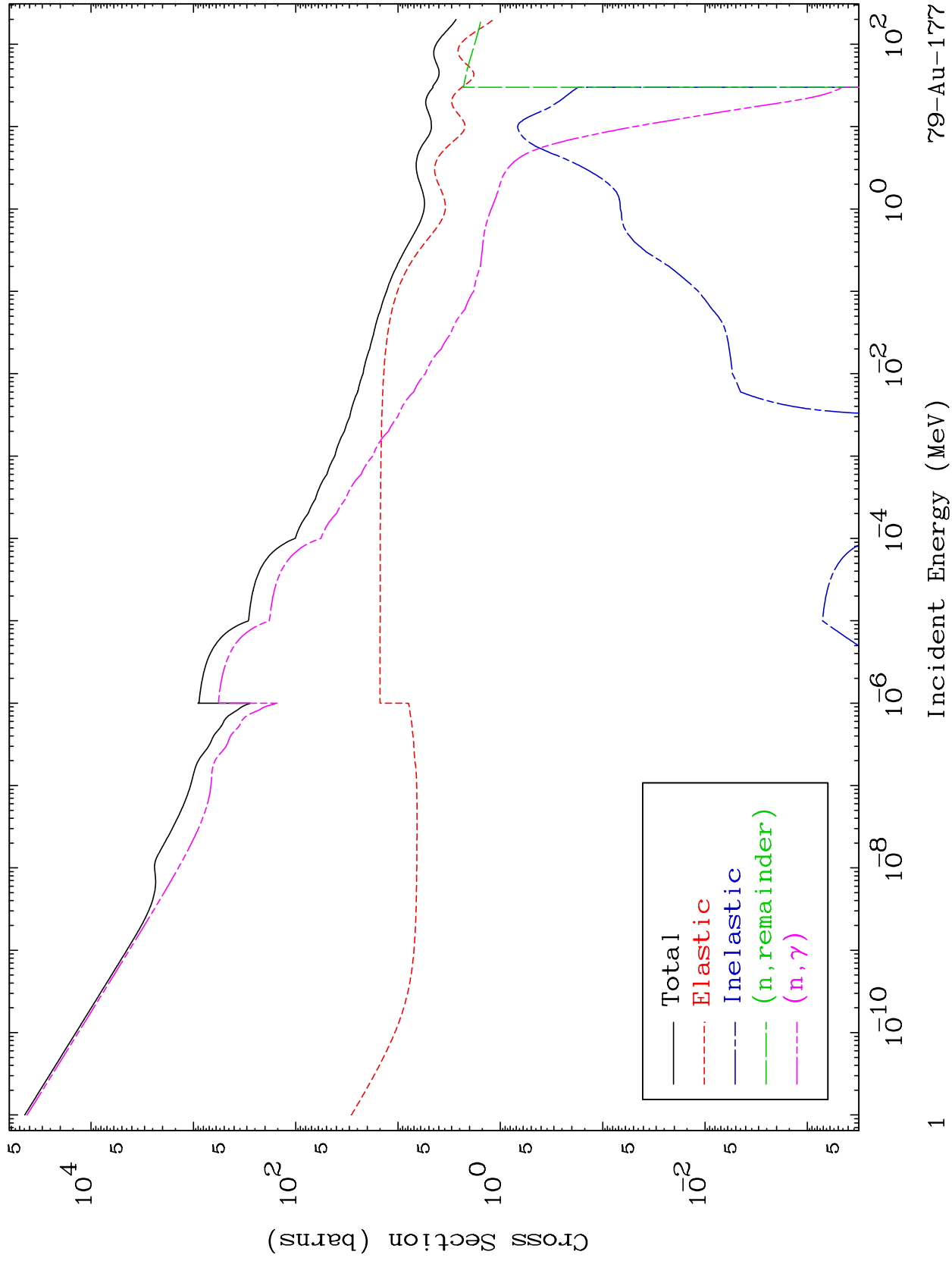
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7866

Major
293 Kelvin Cross Sections

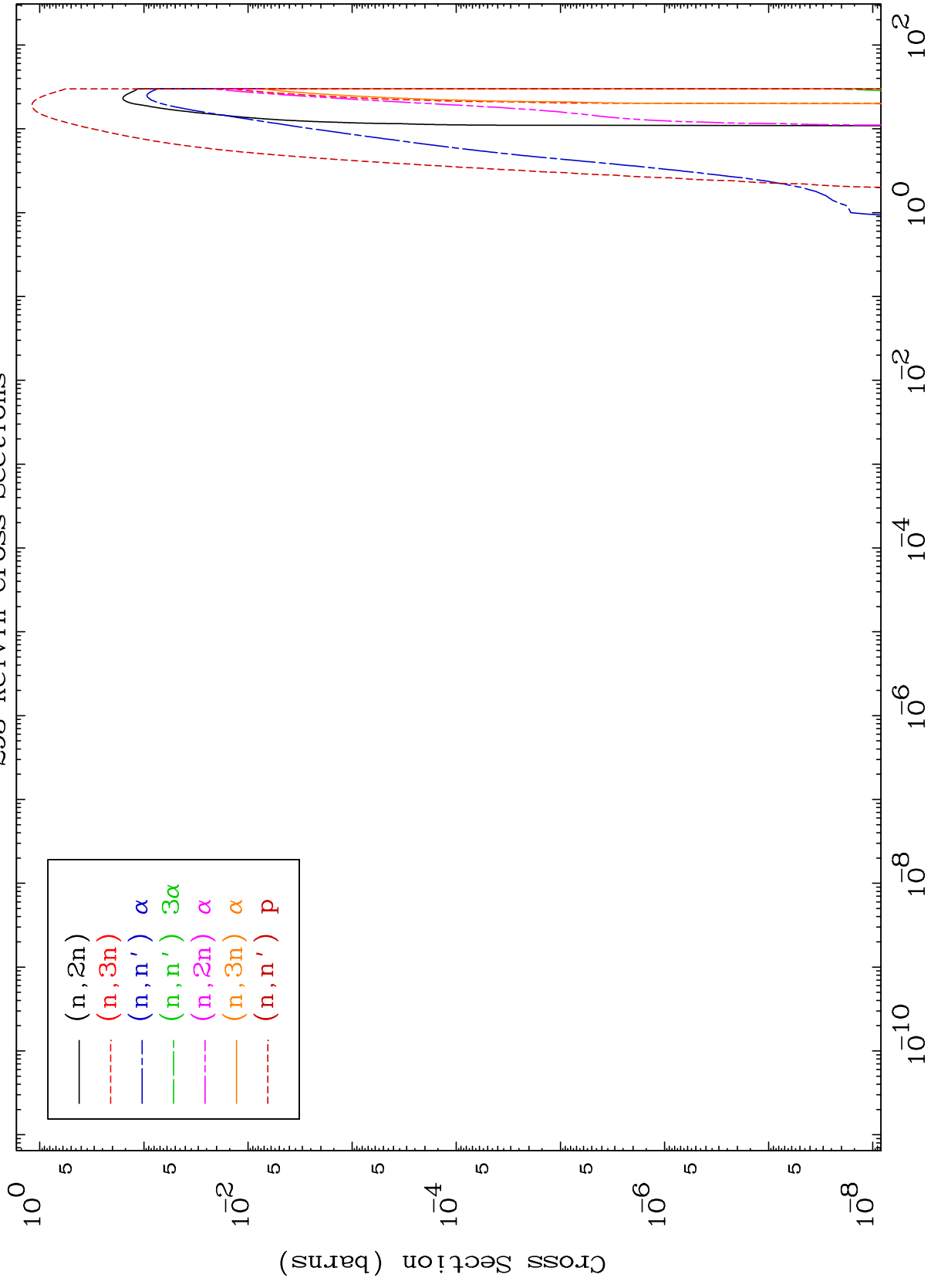
79-Au-177



MAT 7866

Neutron Production
293 Kelvin Cross Sections

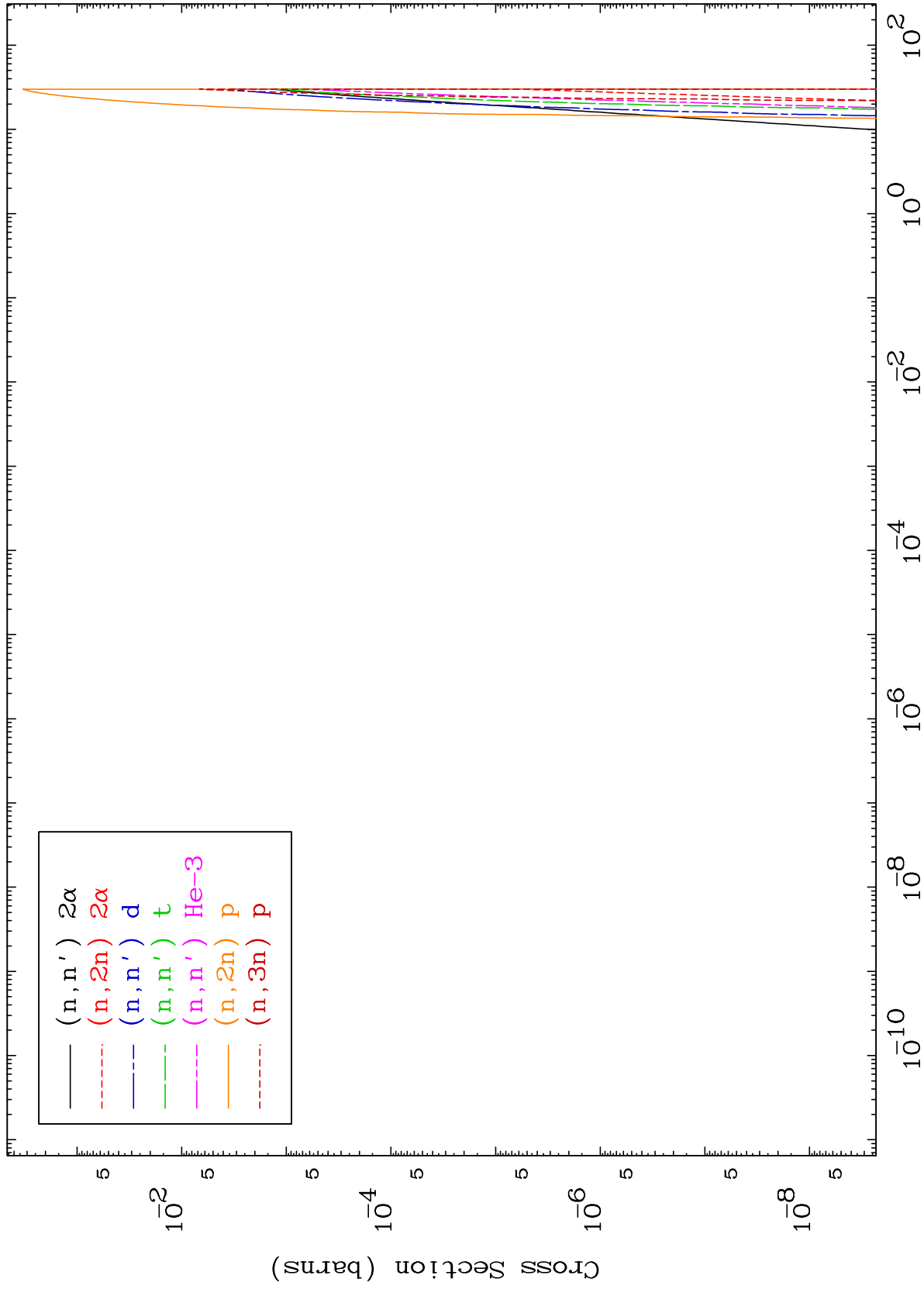
79-Au-177



MAT 7866

Neutron Production
293 Kelvin Cross Sections

79-Au-177

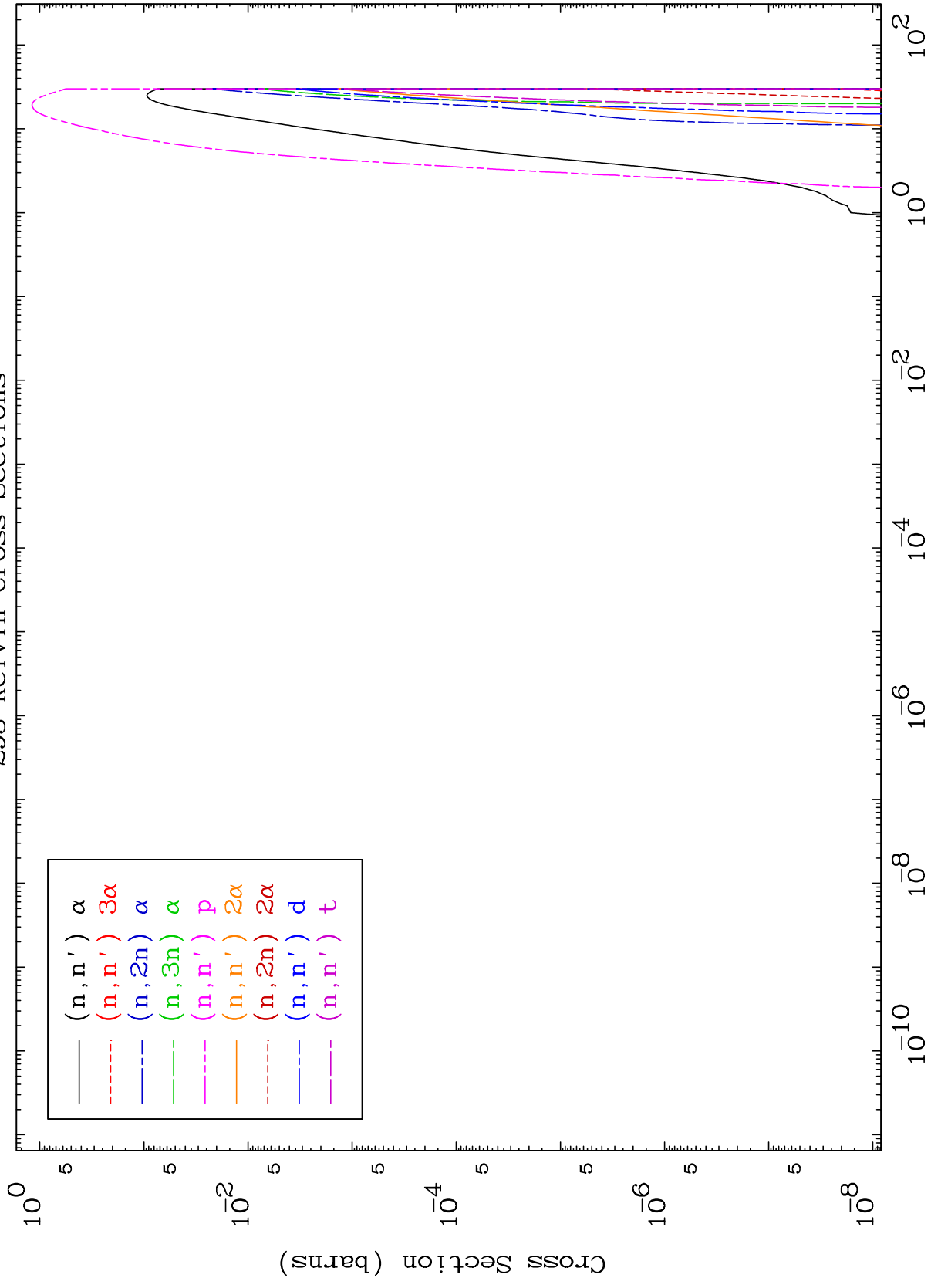


79-Au-177

MAT 7866

293 Kelvin Cross Sections

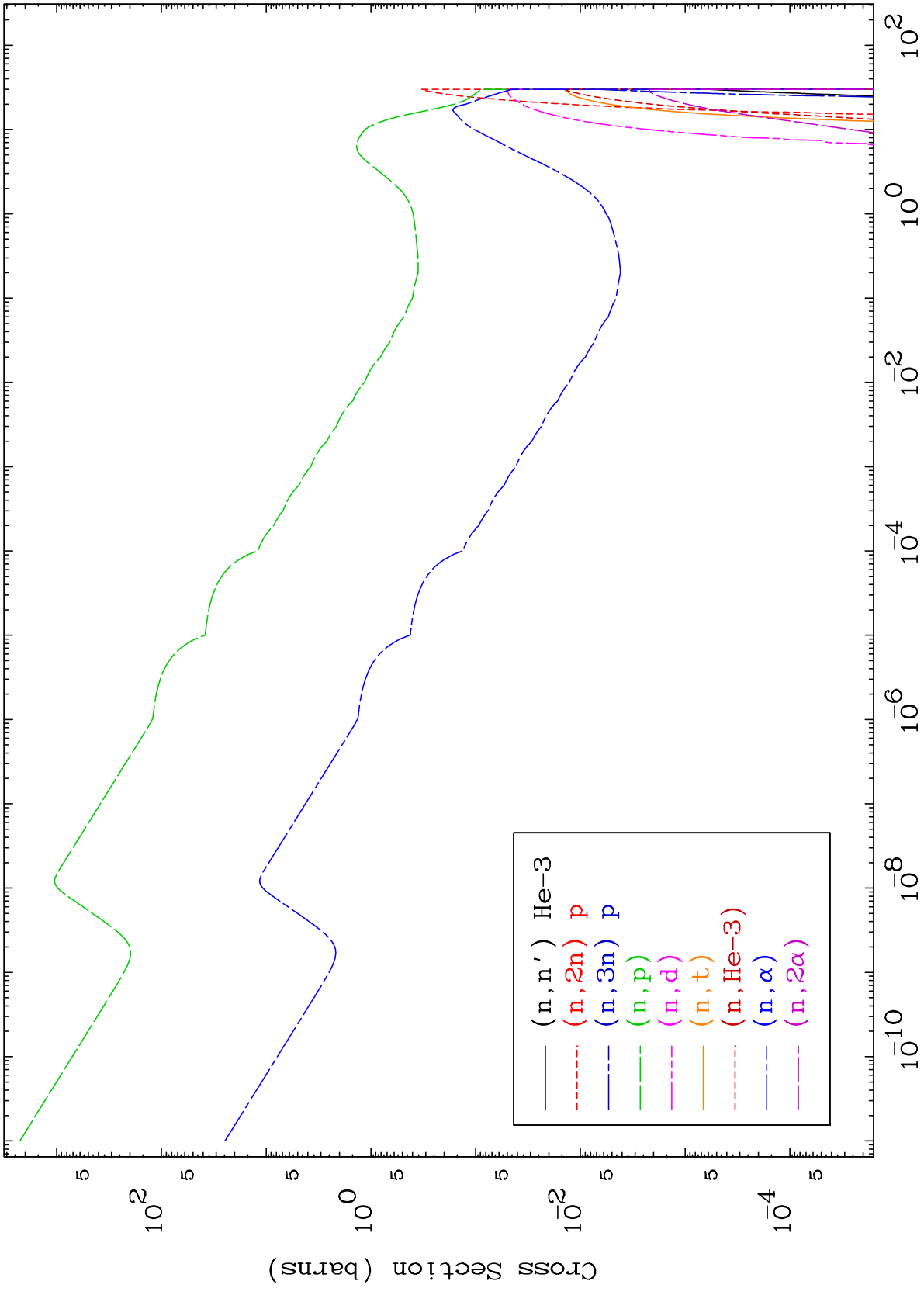
79-Au-177



MAT 7866

293 Kelvin Cross Sections

79-Au-177

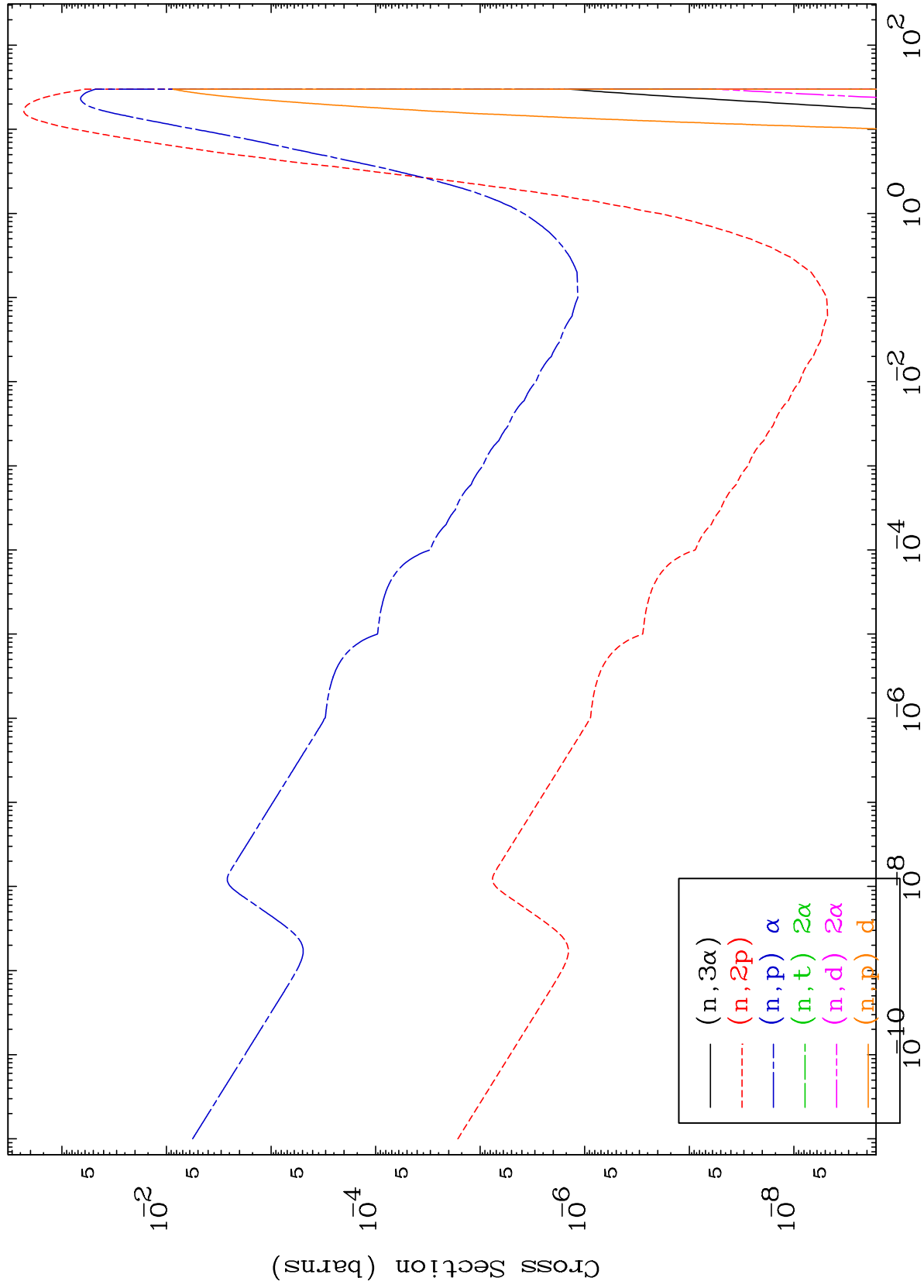


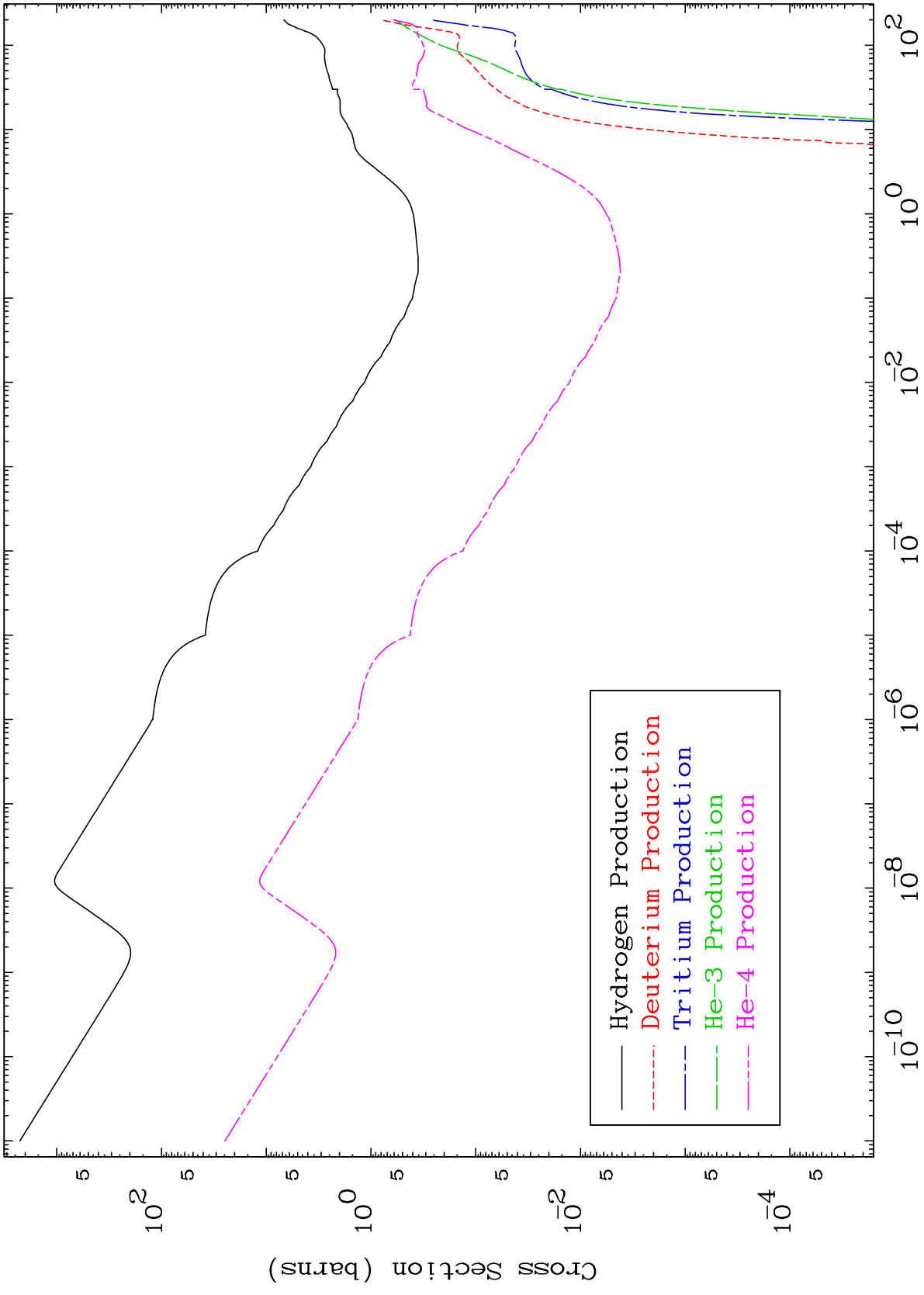
79-Au-177

MAT 7866

293 Kelvin Cross Sections

79-Au-177

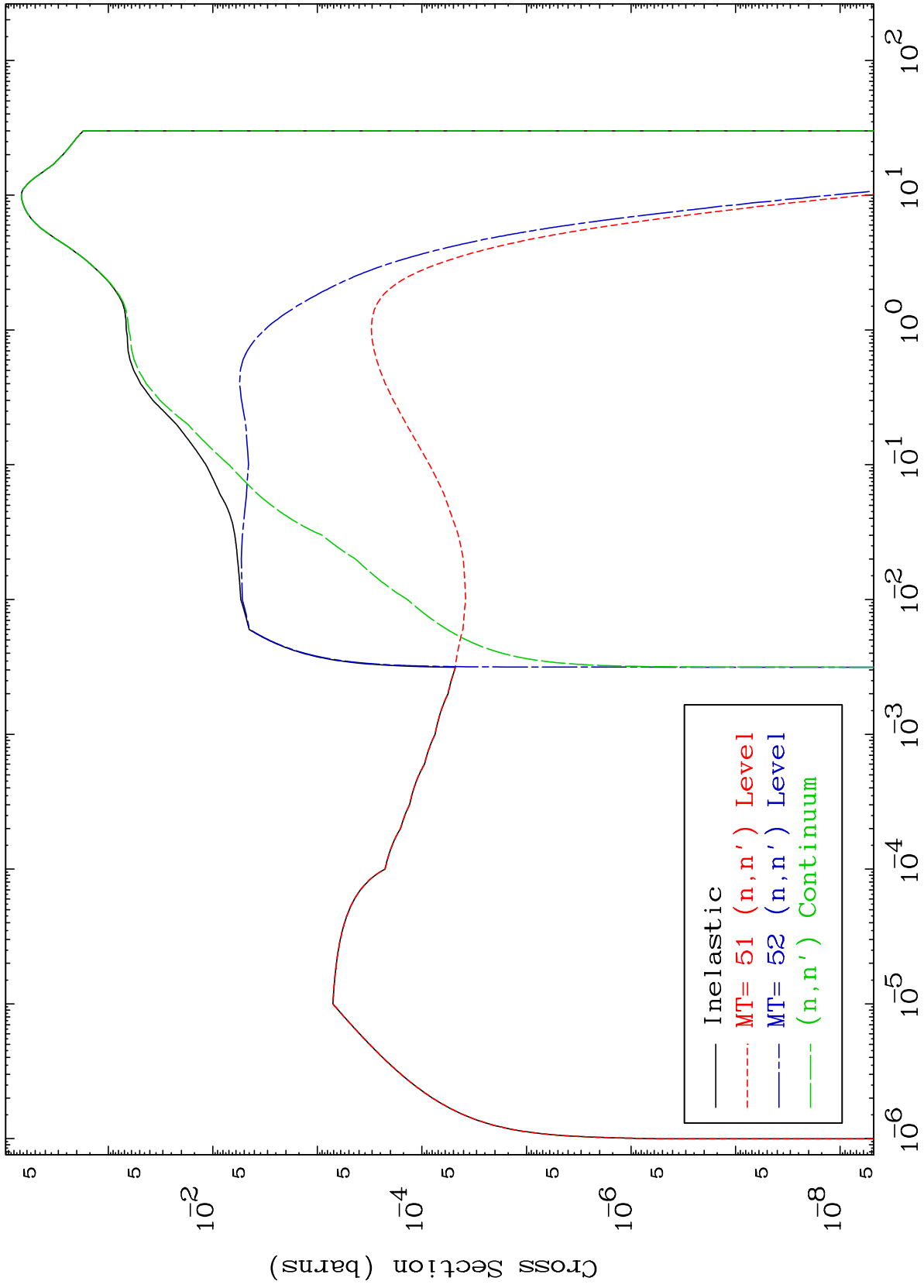




MAT 7866

(n,n') Level
293 Kelvin Cross Sections

79-Au-177



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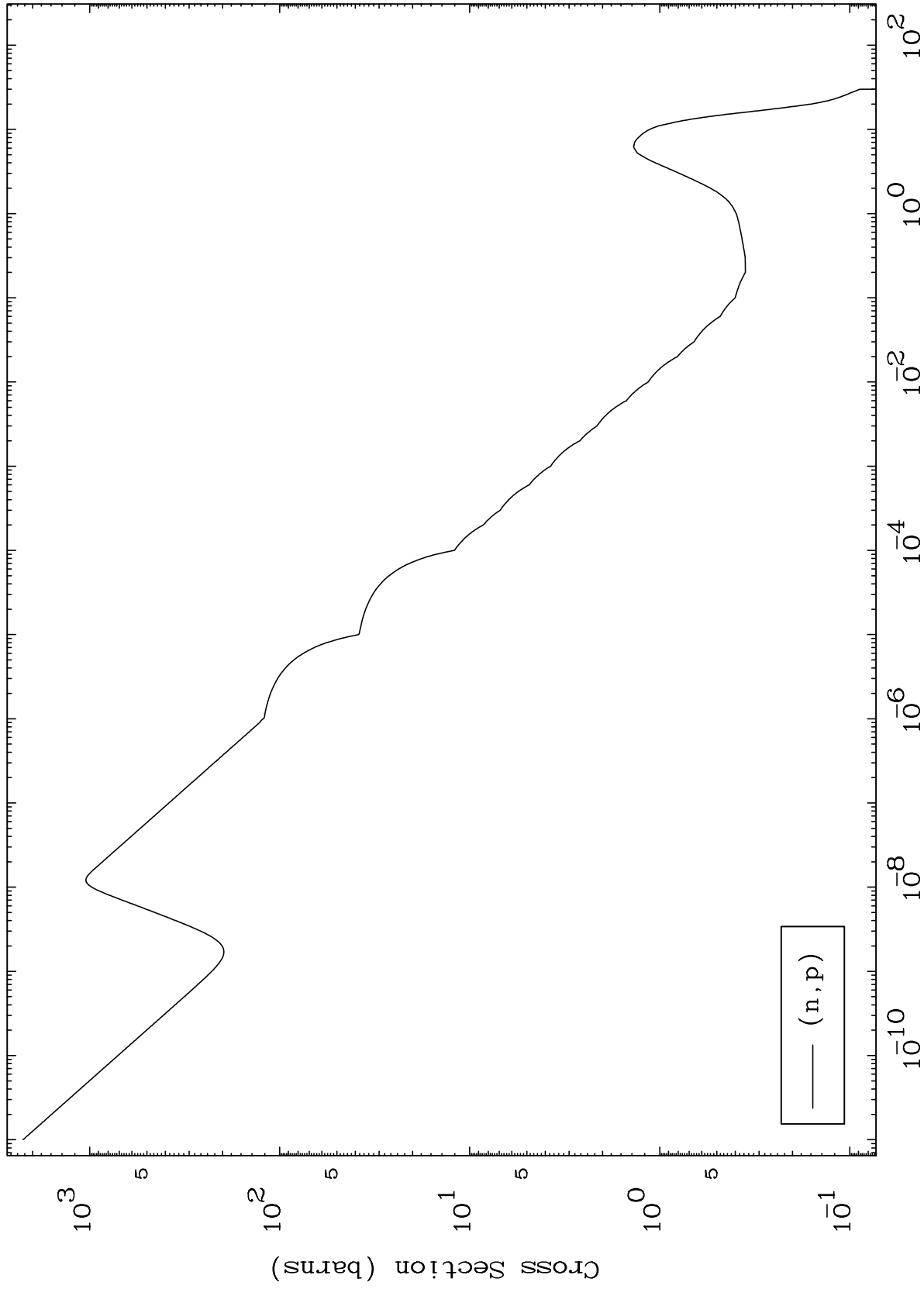
Incident Energy (MeV)

79-Au-177

MAT 7866

(n,p) Levels
293 Kelvin Cross Sections

79-Au-177



9

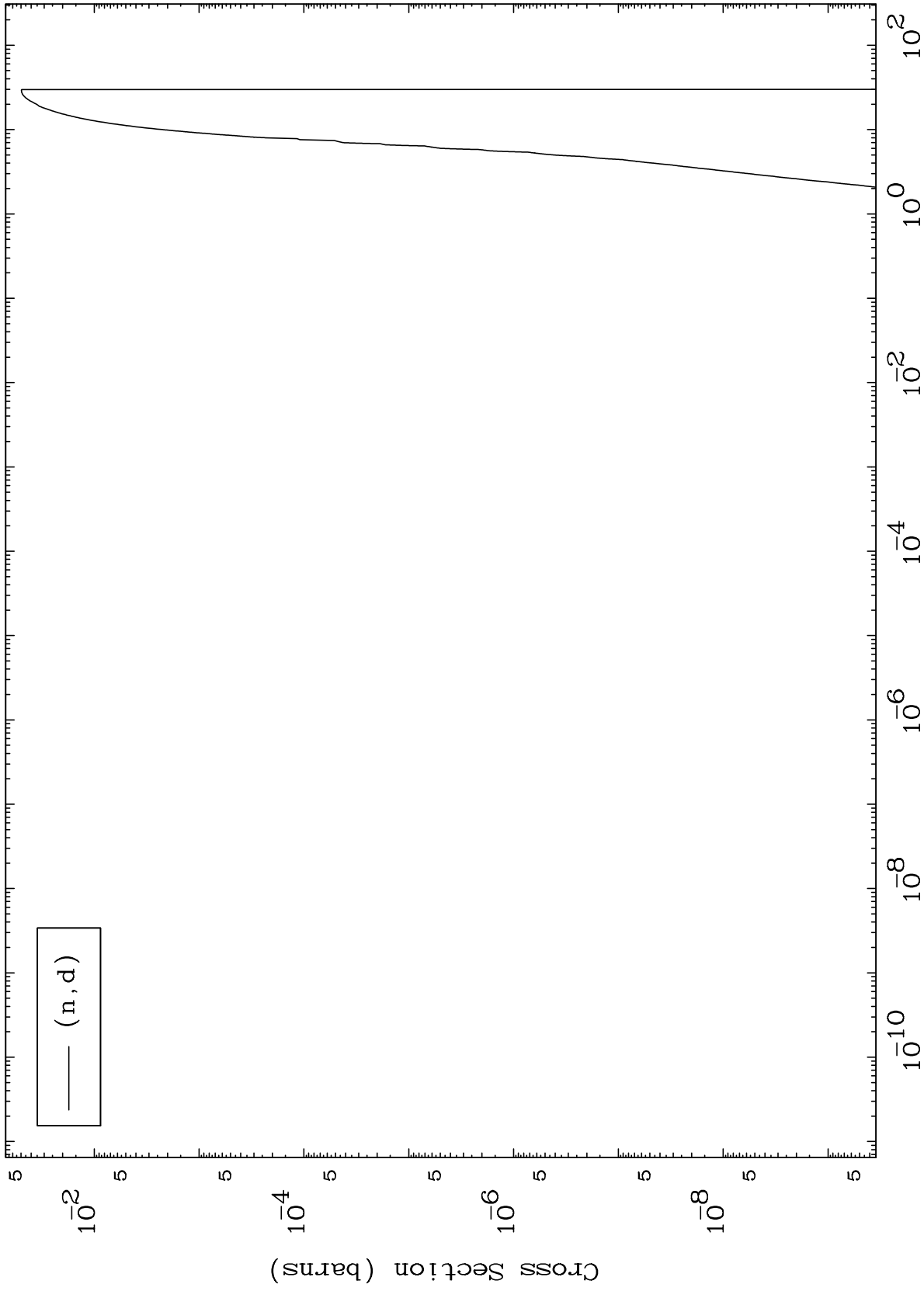
Incident Energy (MeV)

79-Au-177

MAT 7866

(n,d) Levels
293 Kelvin Cross Sections

79-Au-177



10

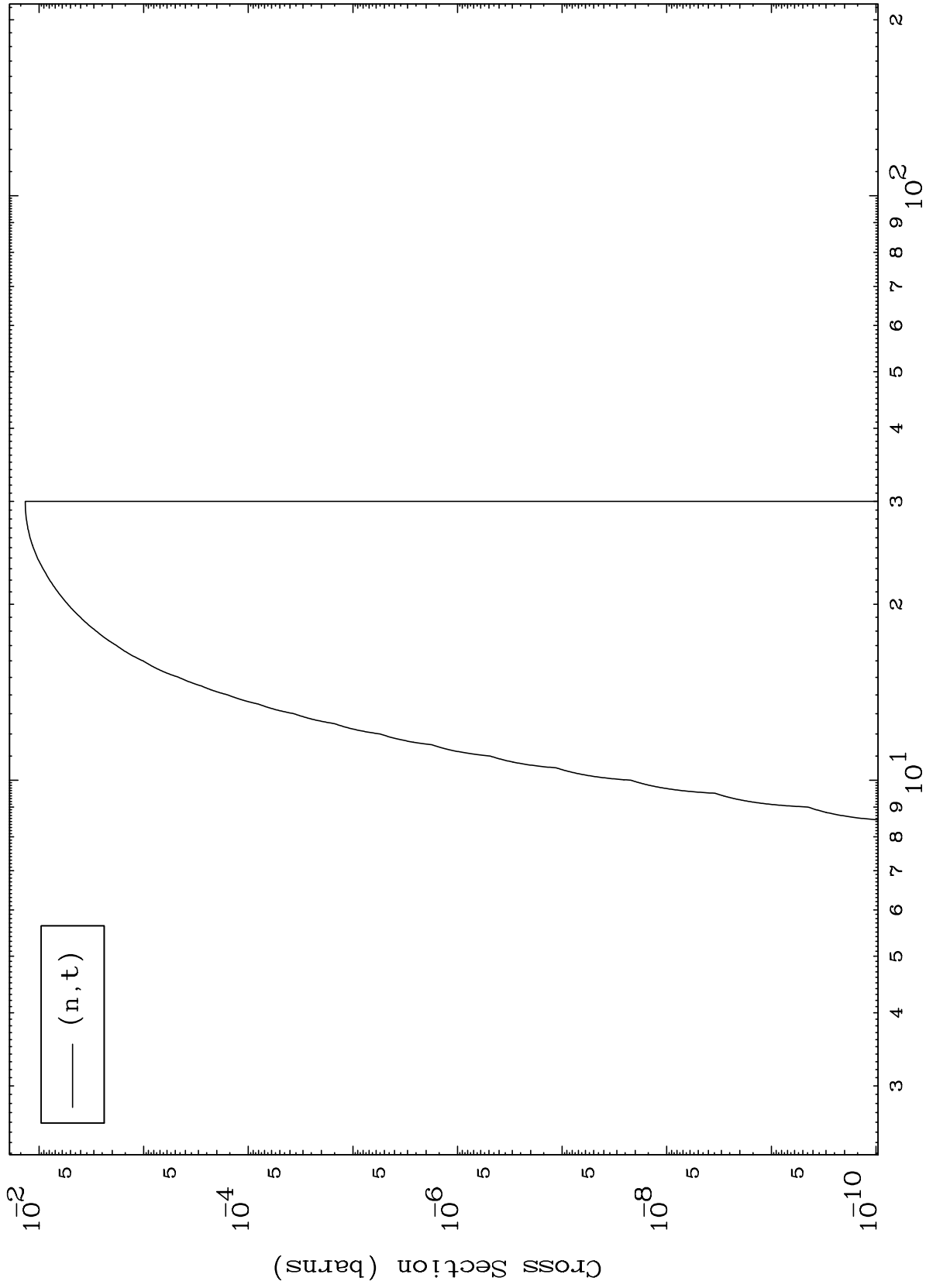
Incident Energy (MeV)

79-Au-177

MAT 7866

(n,t) Levels
293 Kelvin Cross Sections

79-Au-177



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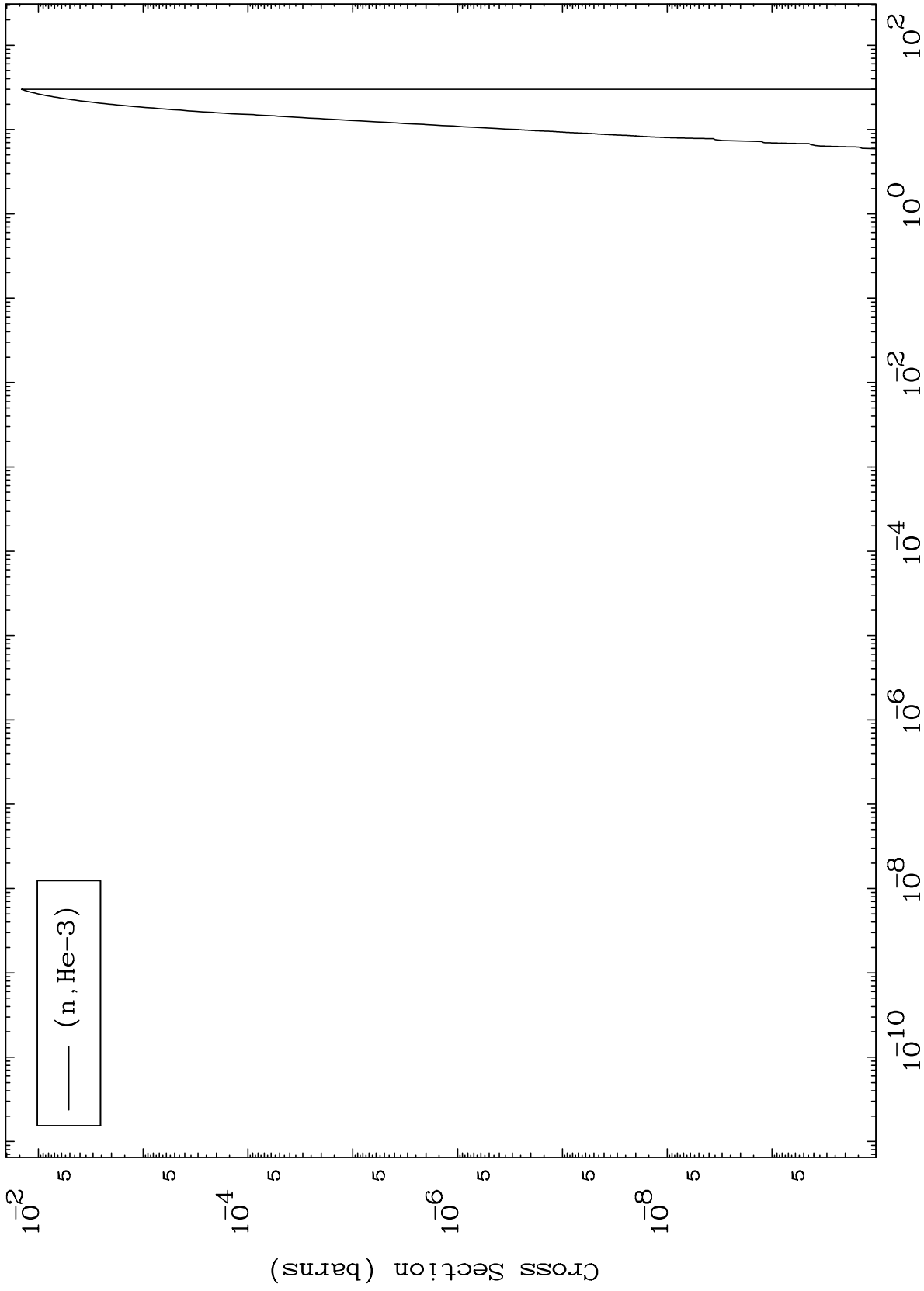
Incident Energy (MeV)

79-Au-177

MAT 7866

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-177



12

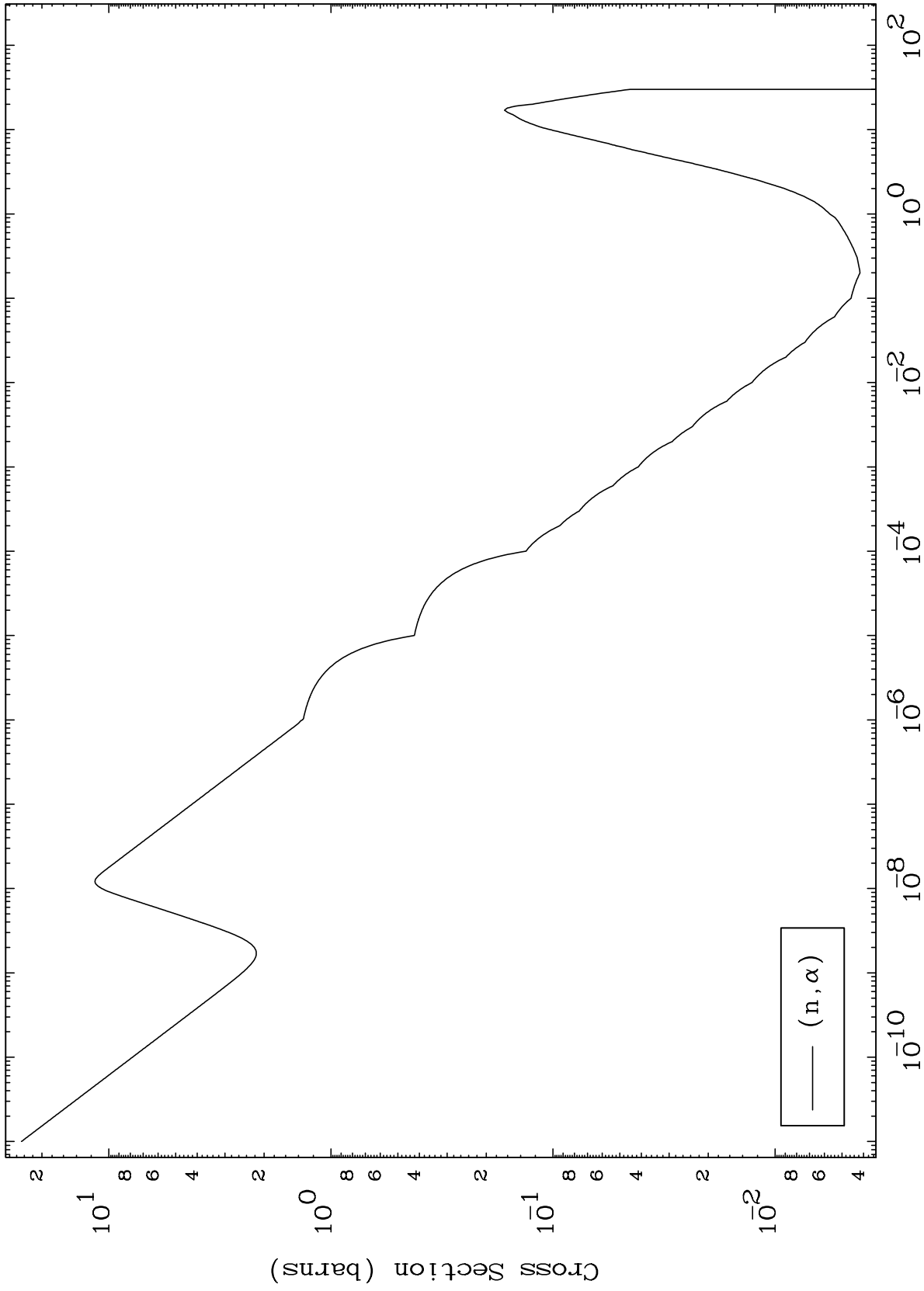
Incident Energy (MeV)

79-Au-177

MAT 7866

(n,α) Levels
293 Kelvin Cross Sections

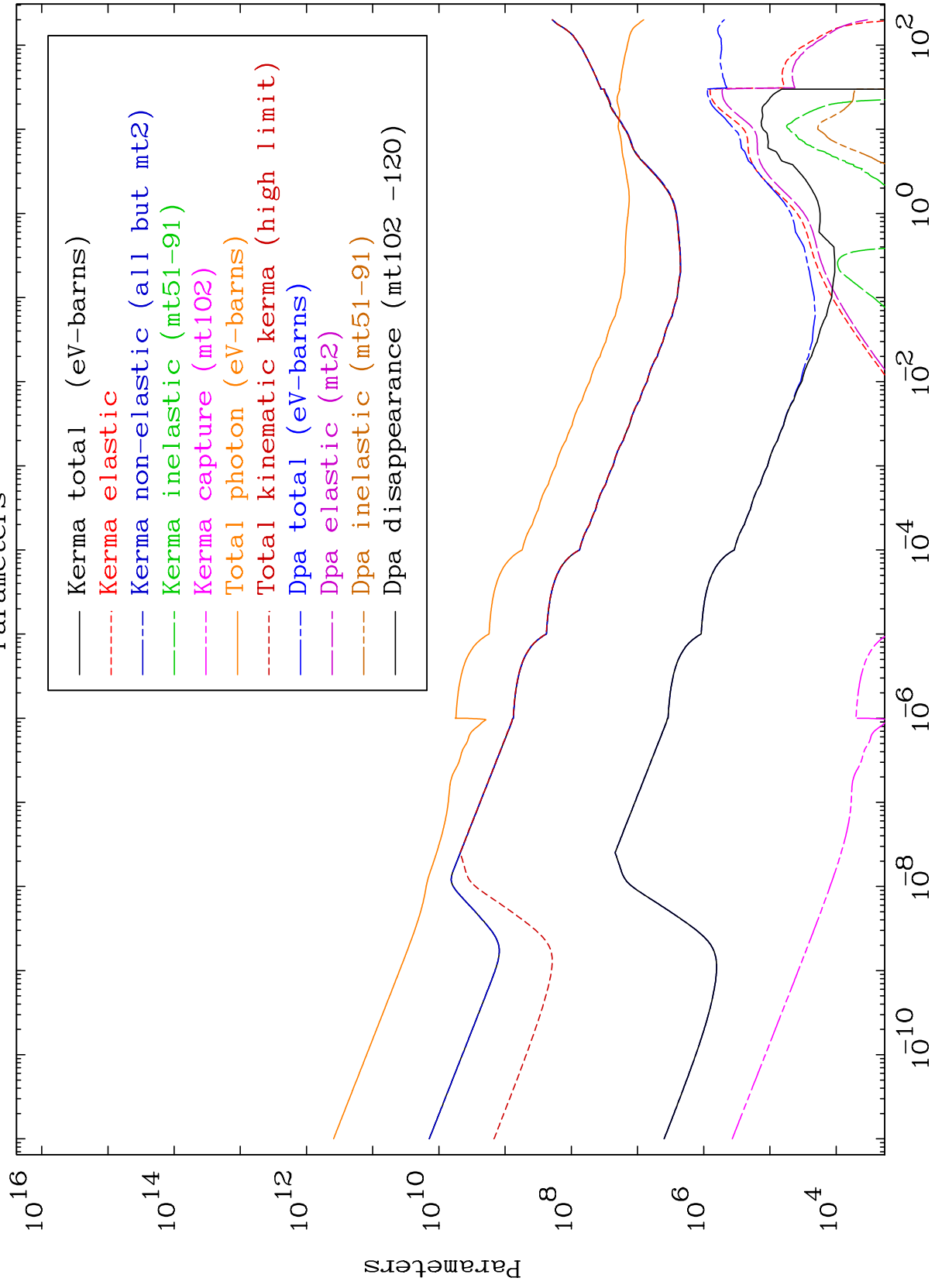
79-Au-177



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Incident Energy (MeV)

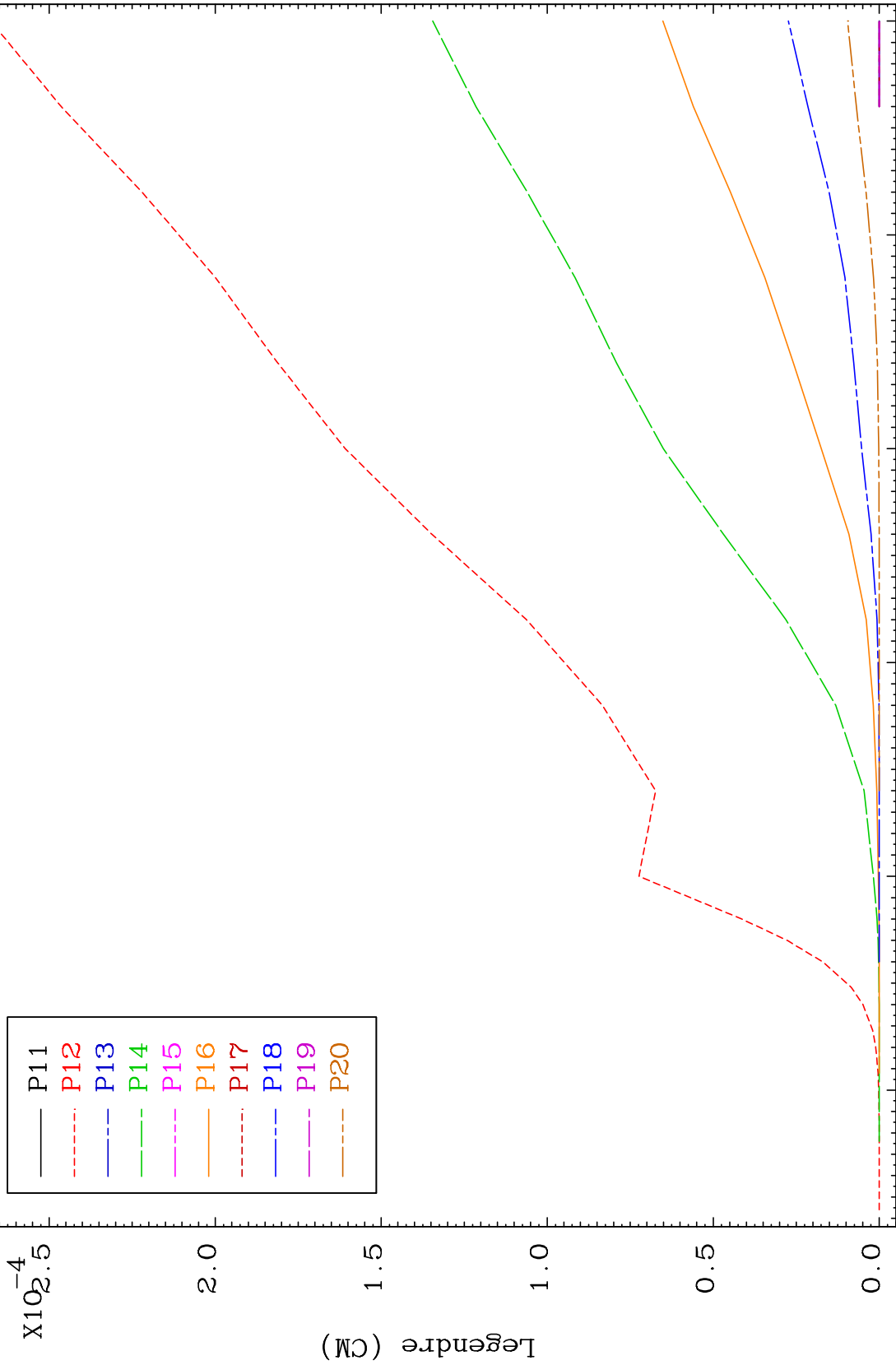
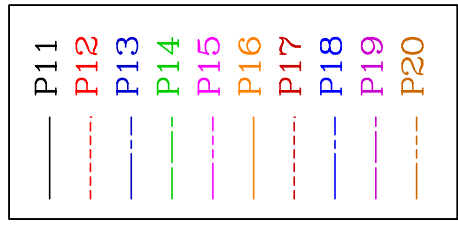
79-Au-177



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Elastic Legendre Coefficients

⁷⁹Au-177



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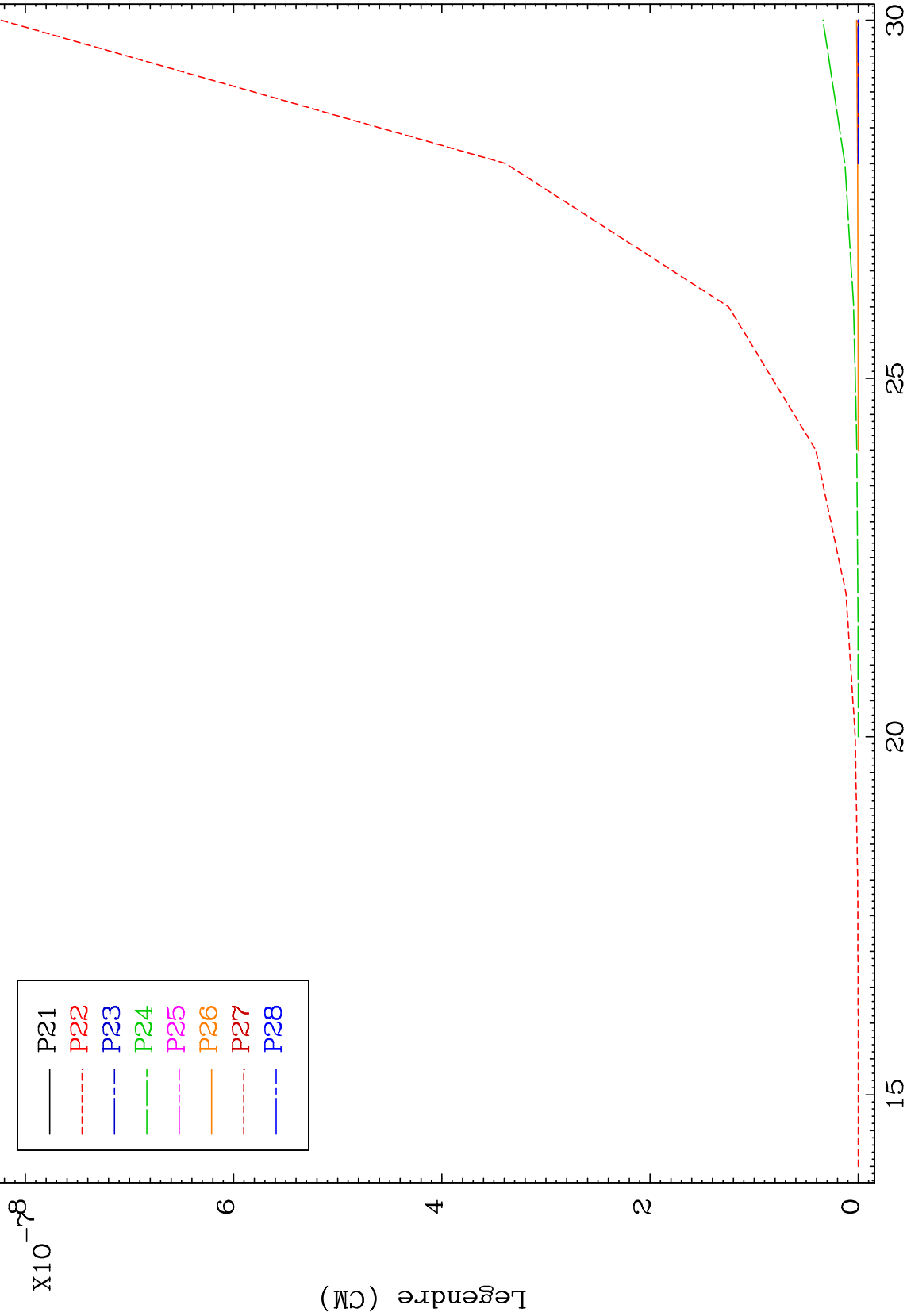
Incident Energy (MeV)

⁷⁹Au-177

MAT 7866

Elastic Legendre Coefficients

79-Au-177



17

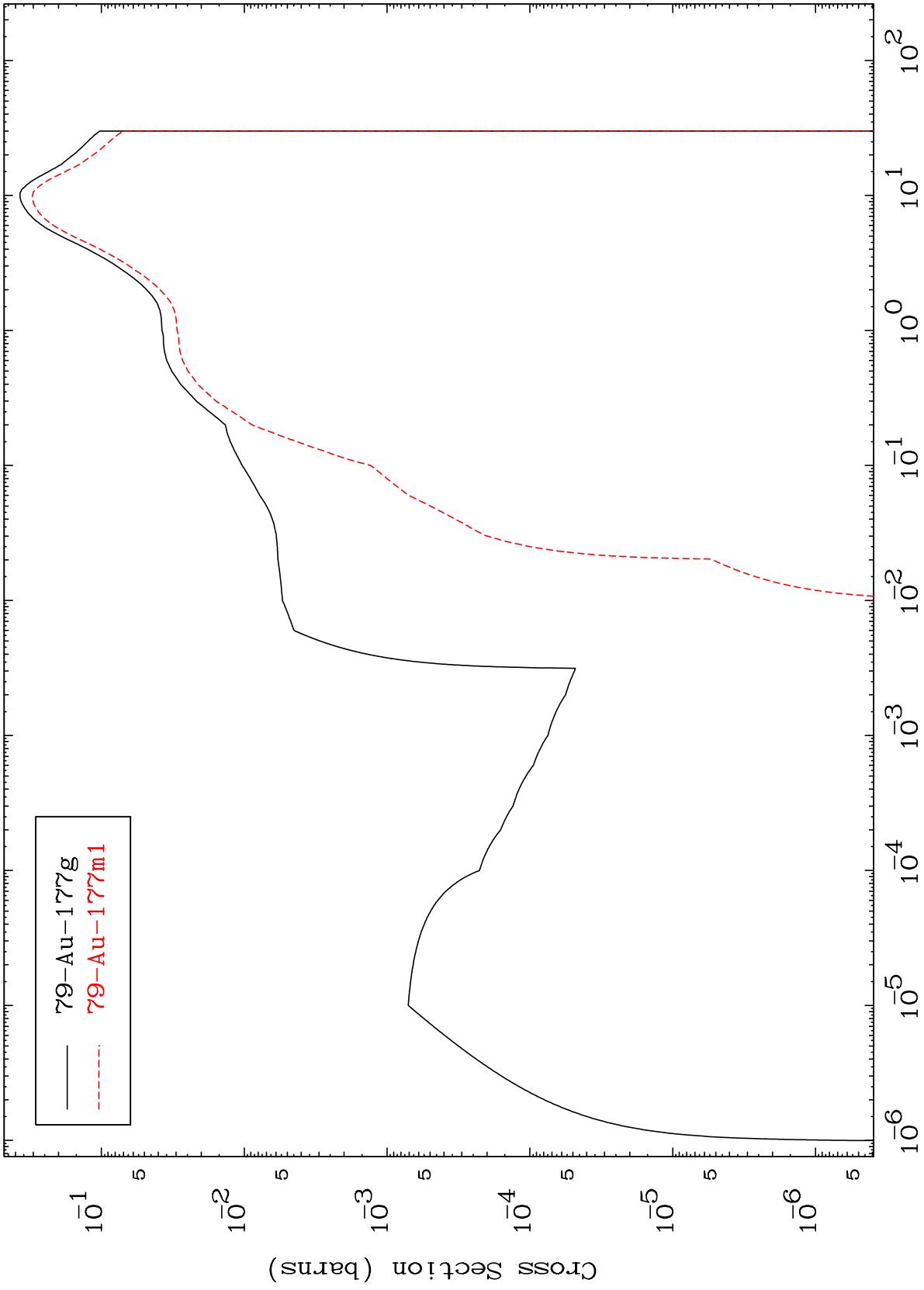
Incident Energy (MeV)

79-Au-177

MAT 7866

Inelastic Radionuclide Production Cross Section

⁷⁹Au-177



— ⁷⁹Au-177g
- - - ⁷⁹Au-177m1

⁷⁹Au-177

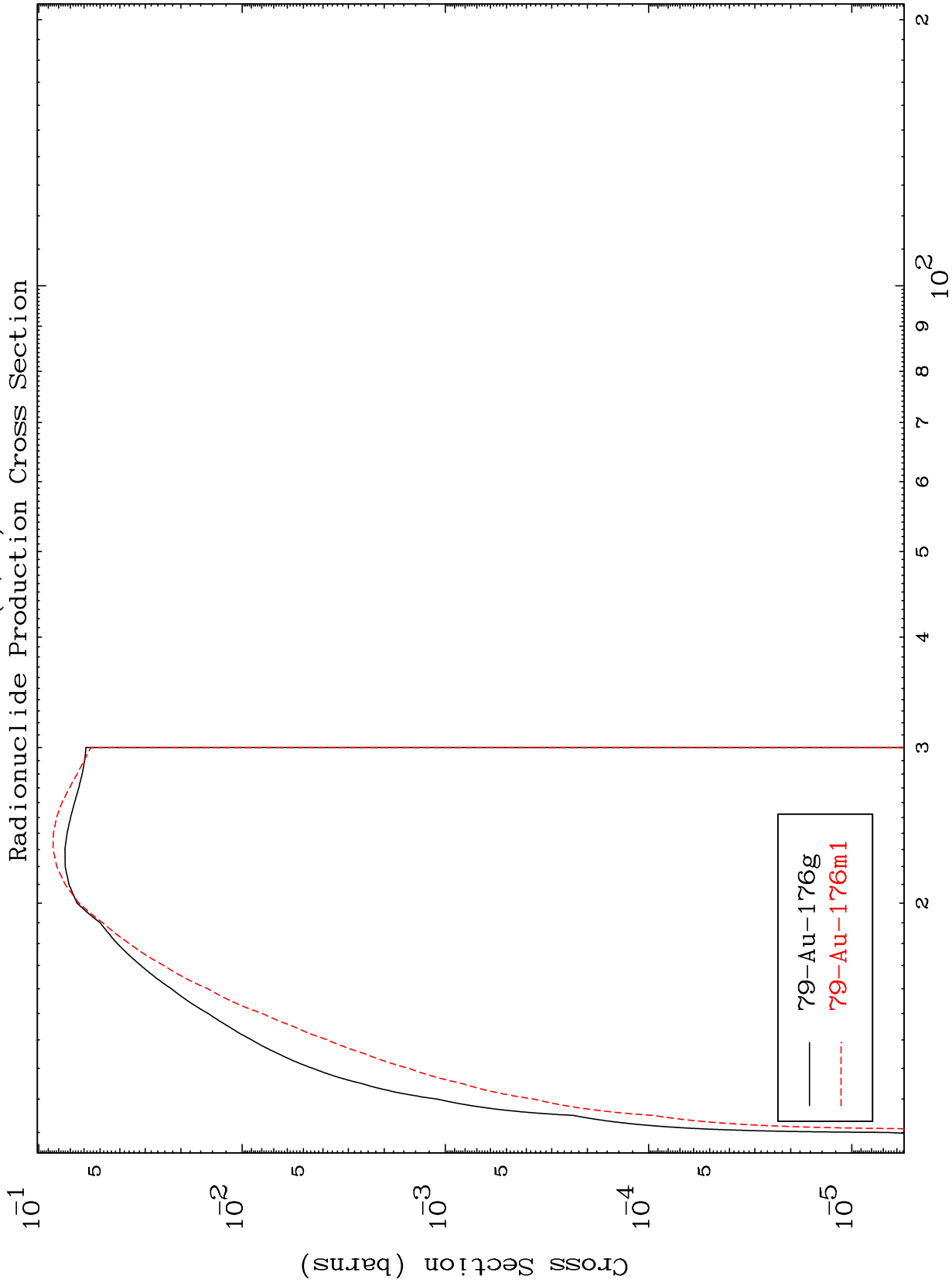
Incident Energy (MeV)

18

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⁷⁹Au-177

(n,2n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

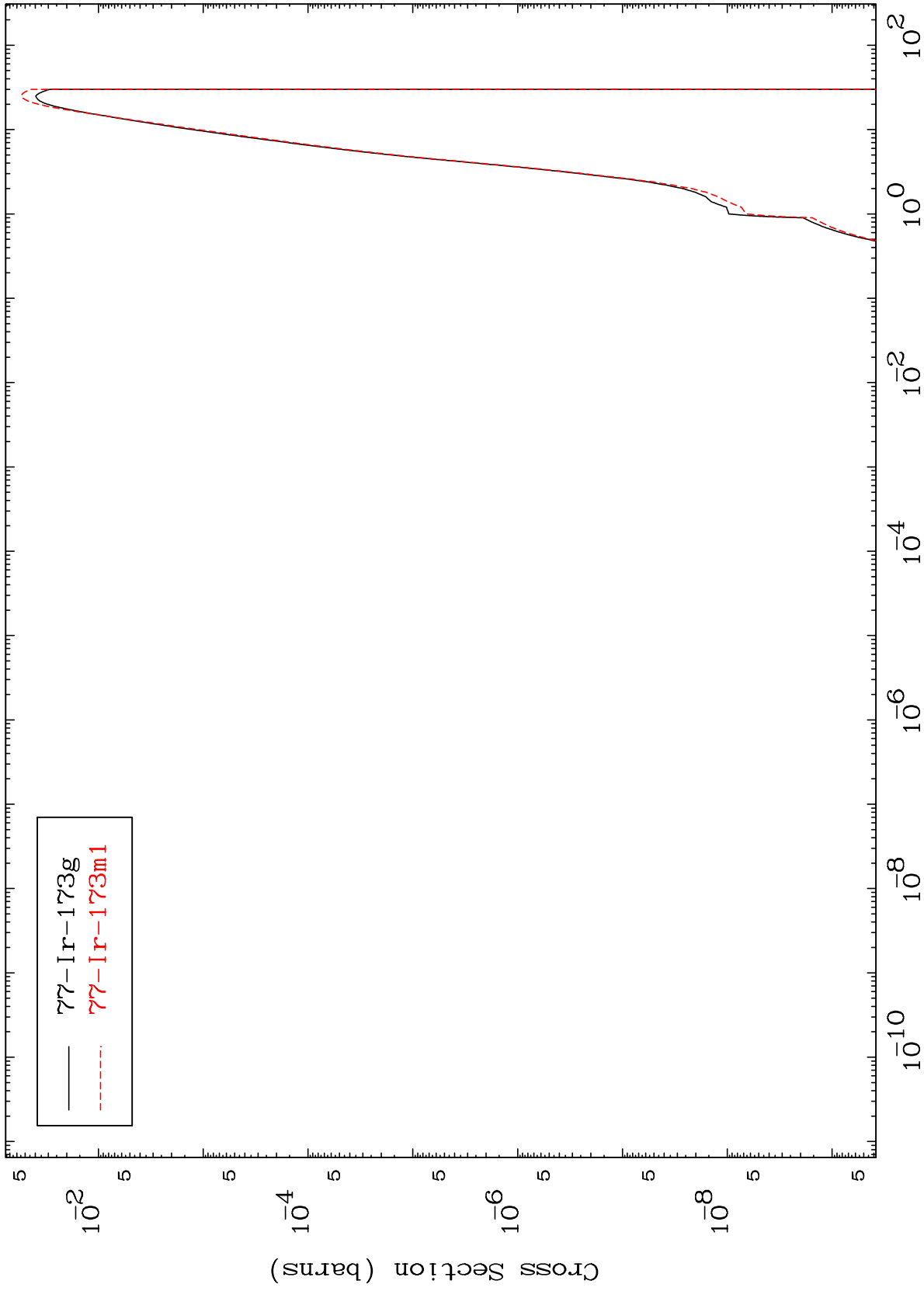
⁷⁹Au-177

MAT 7866

(n,n') α

79-Au-177

Radionuclide Production Cross Section



20

Incident Energy (MeV)

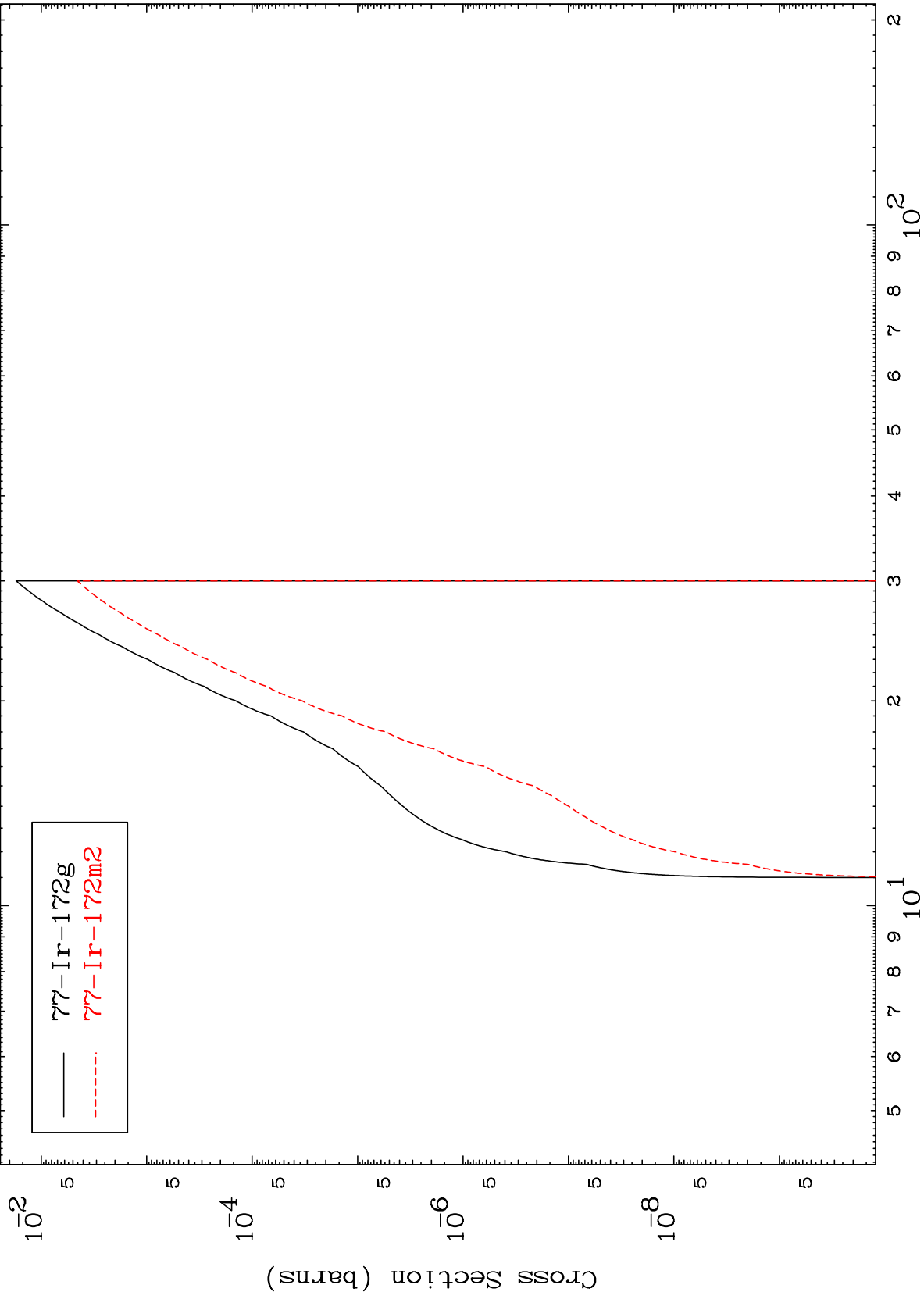
79-Au-177

MAT 7866

$(n, 2n) \alpha$

$^{79}\text{Au-177}$

Radionuclide Production Cross Section



21

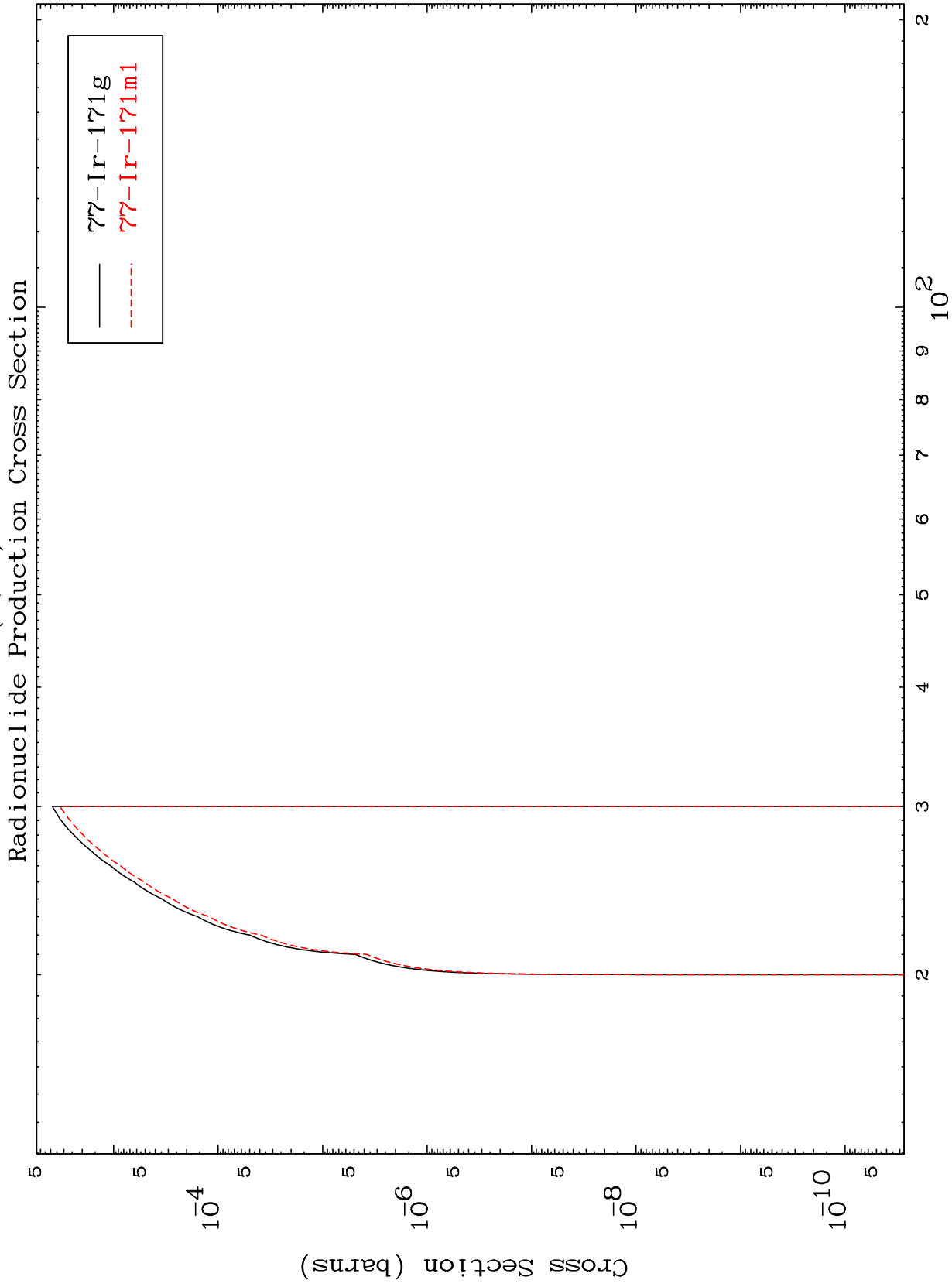
Incident Energy (MeV)

$^{79}\text{Au-177}$

MAT 7866

(n,3n) α

⁷⁹Au-177



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⁷⁹Au-177

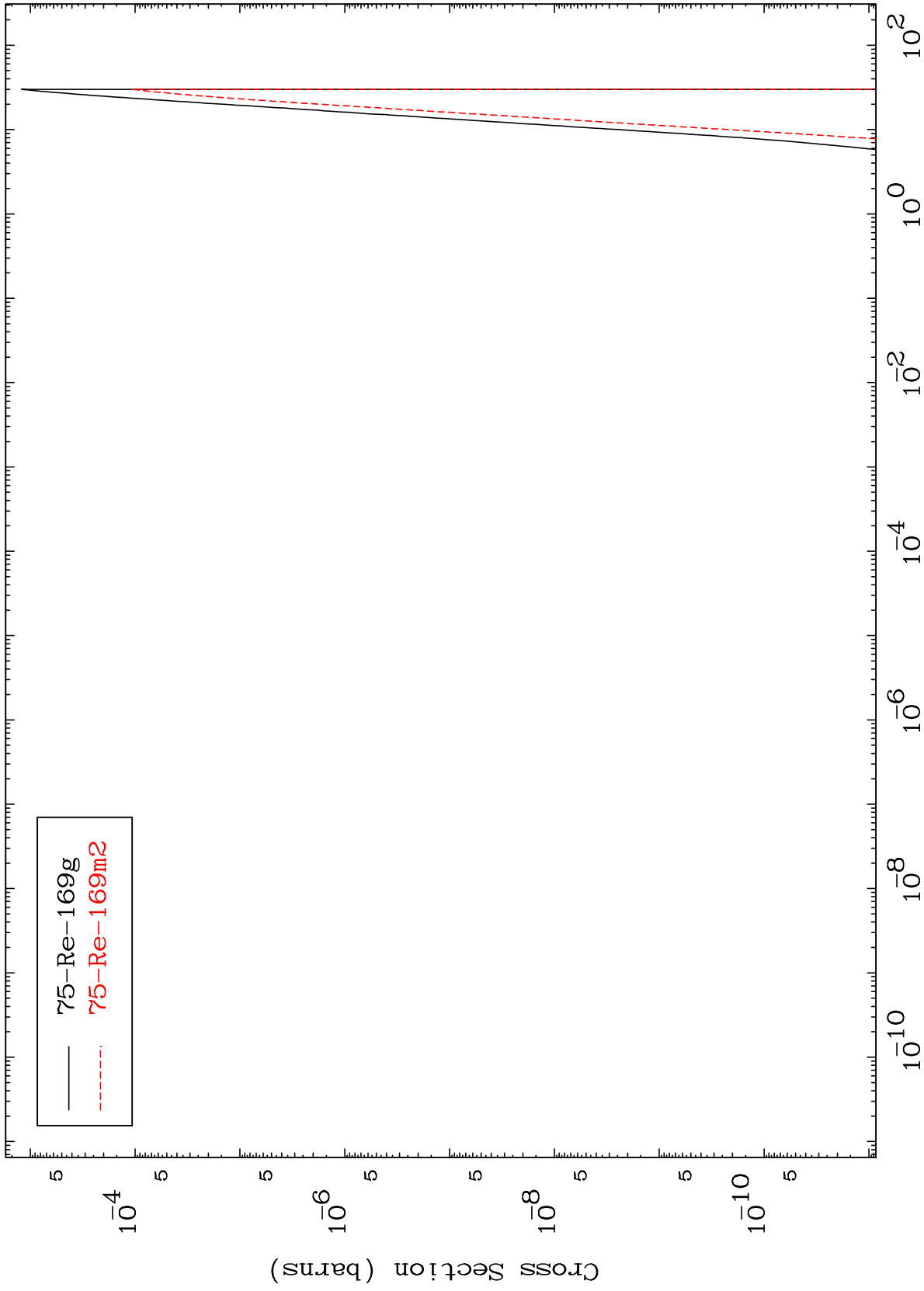
⁷⁹Au-177

MAT 7866

(n,n') 2 α

79-Au-177

Radionuclide Production Cross Section



23

Incident Energy (MeV)

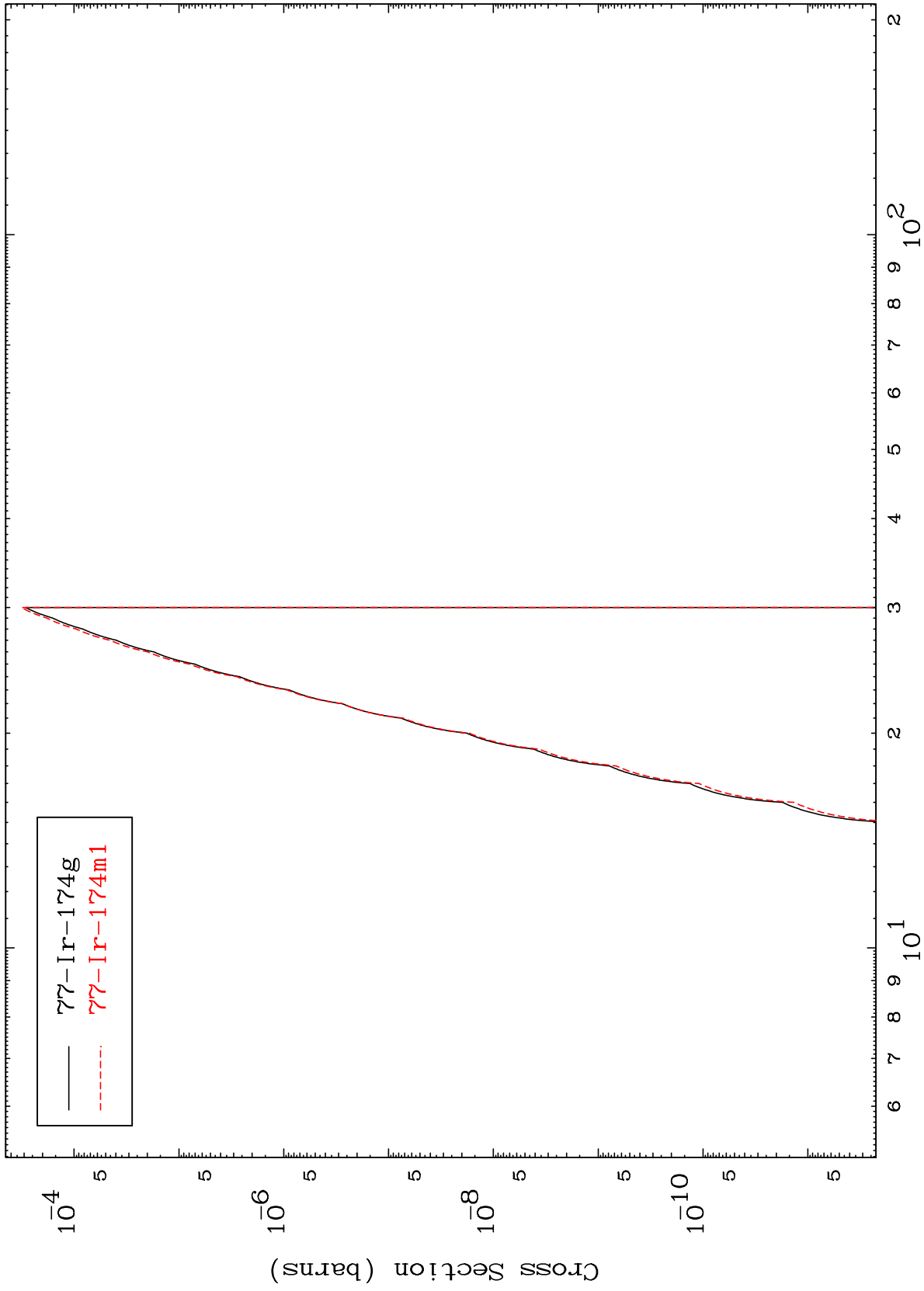
79-Au-177

MAT 7866

(n, n') He-3

79-Au-177

Radionuclide Production Cross Section



24

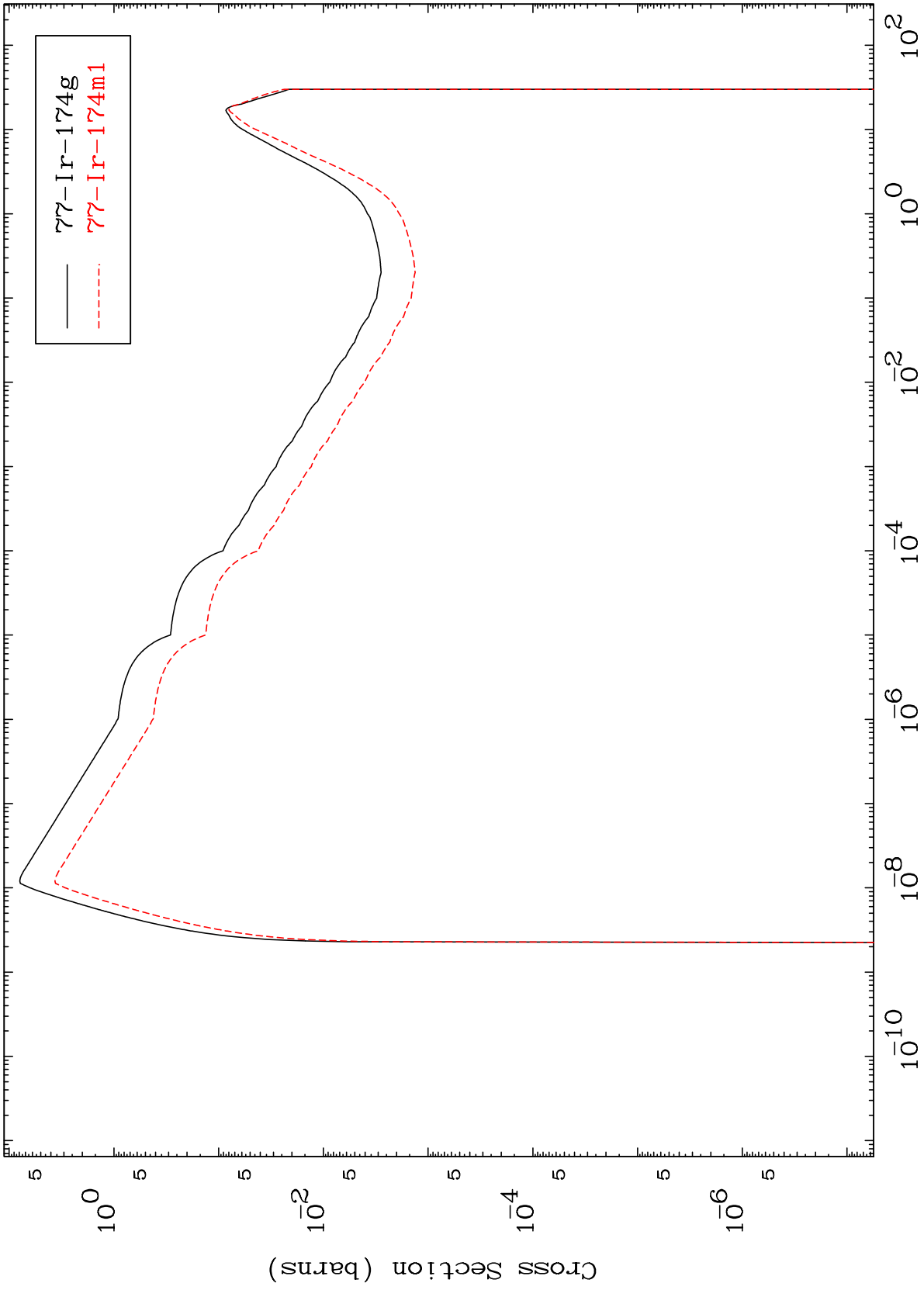
Incident Energy (MeV)

79-Au-177

MAT 7866

⁷⁹Au-177

(n,α)
Radionuclide Production Cross Section



25

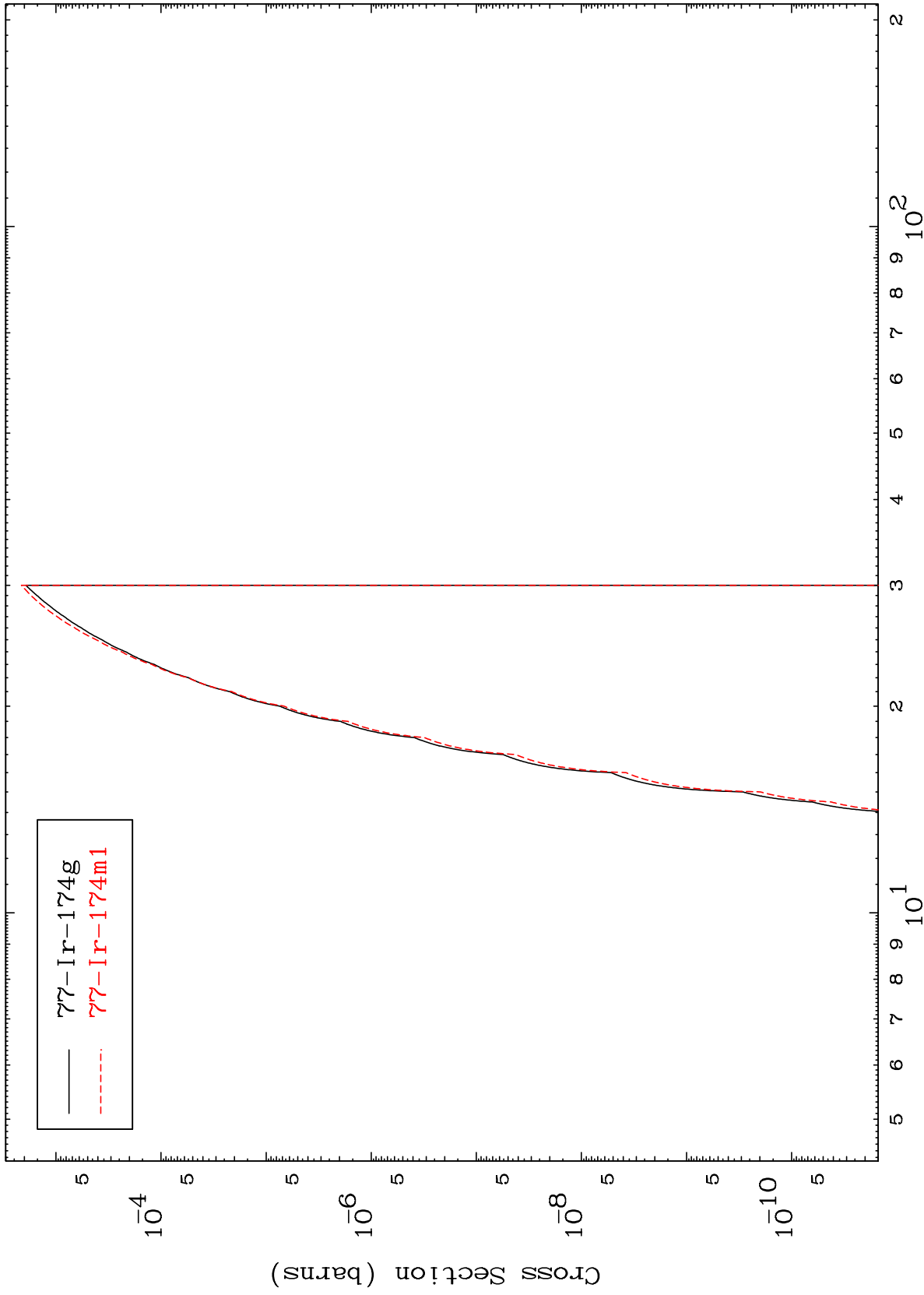
⁷⁹Au-177

MAT 7866

(n,p) t

⁷⁹Au-177

Radionuclide Production Cross Section



26

Incident Energy (MeV)

⁷⁹Au-177