

Program EVALPLOT
(Version 2018-1)

by

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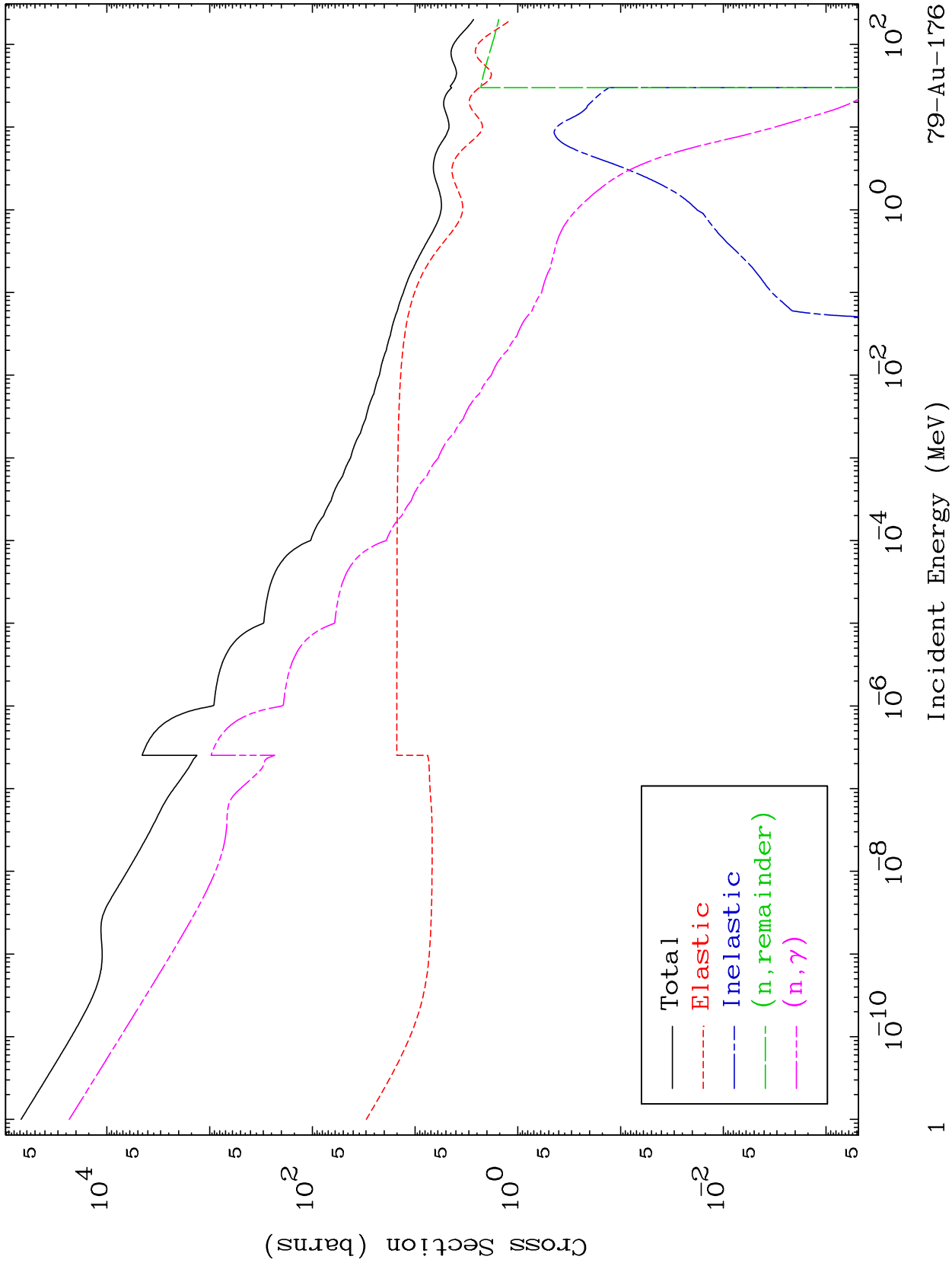
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7863

Major
293 Kelvin Cross Sections

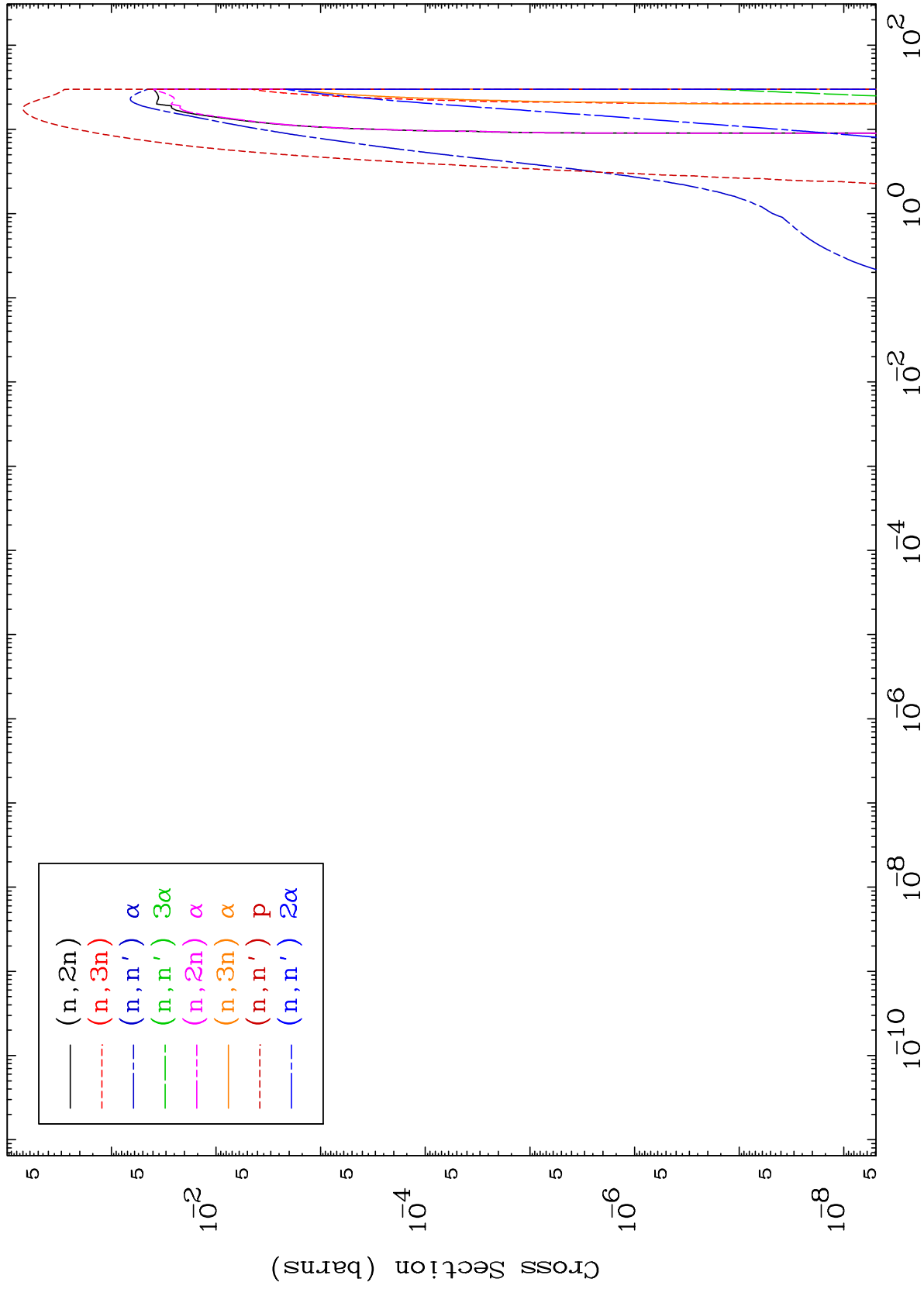
79-Au-176



MAT 7863

Neutron Production
293 Kelvin Cross Sections

79-Au-176



2

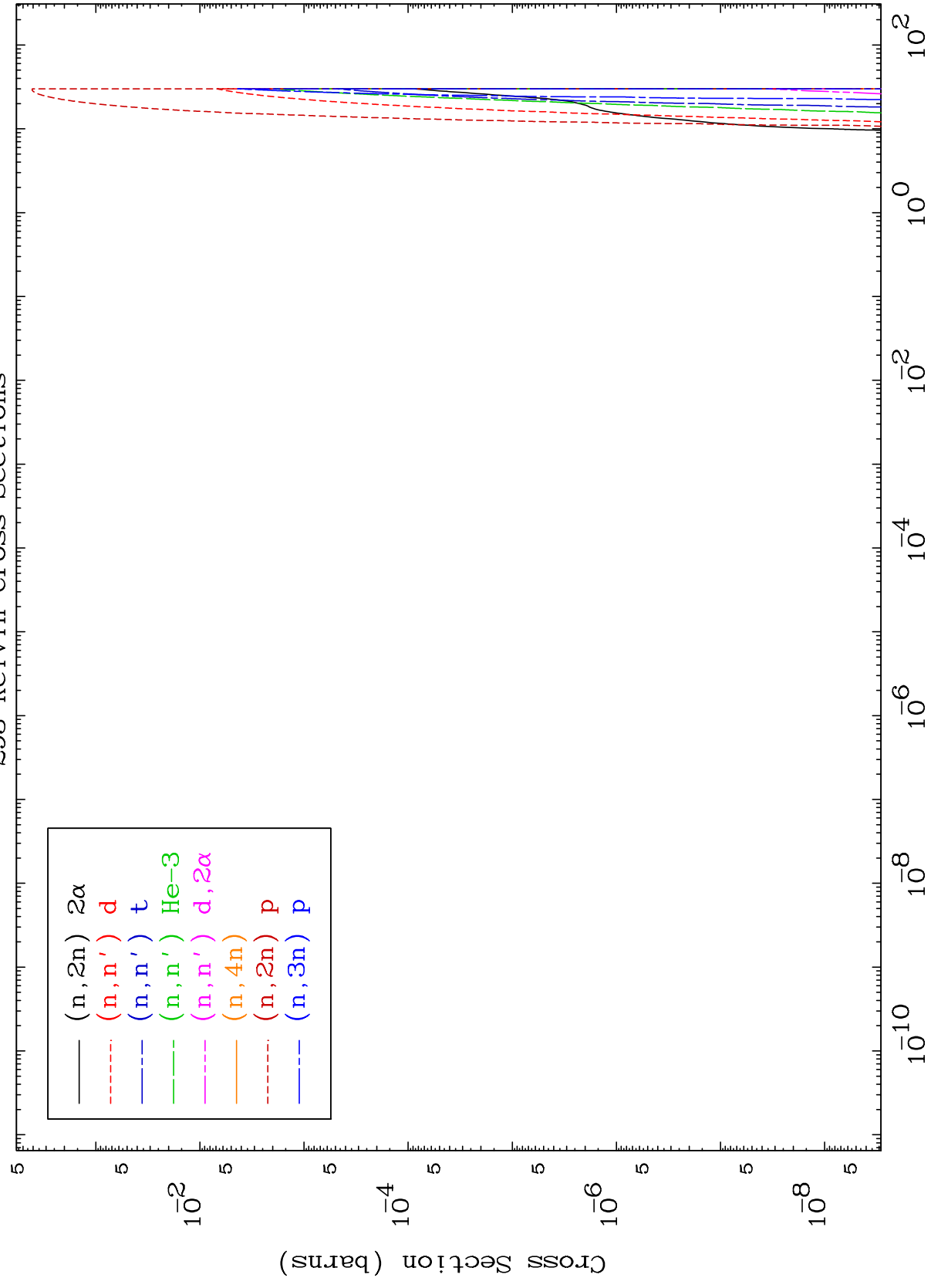
Incident Energy (MeV)

79-Au-176

MAT 7863

Neutron Production
293 Kelvin Cross Sections

79-Au-176

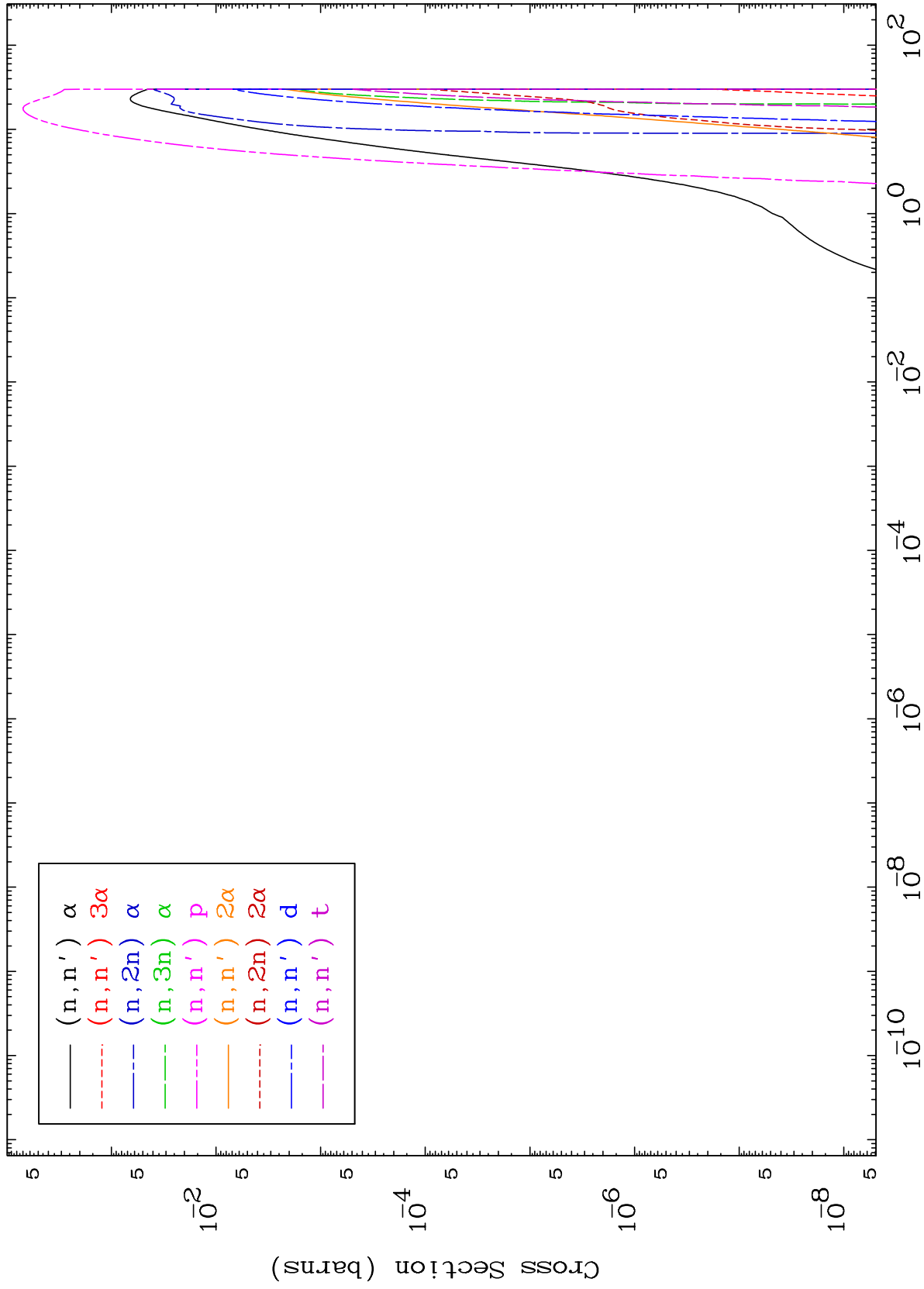


79-Au-176

MAT 7863

Charged Particle
293 Kelvin Cross Sections

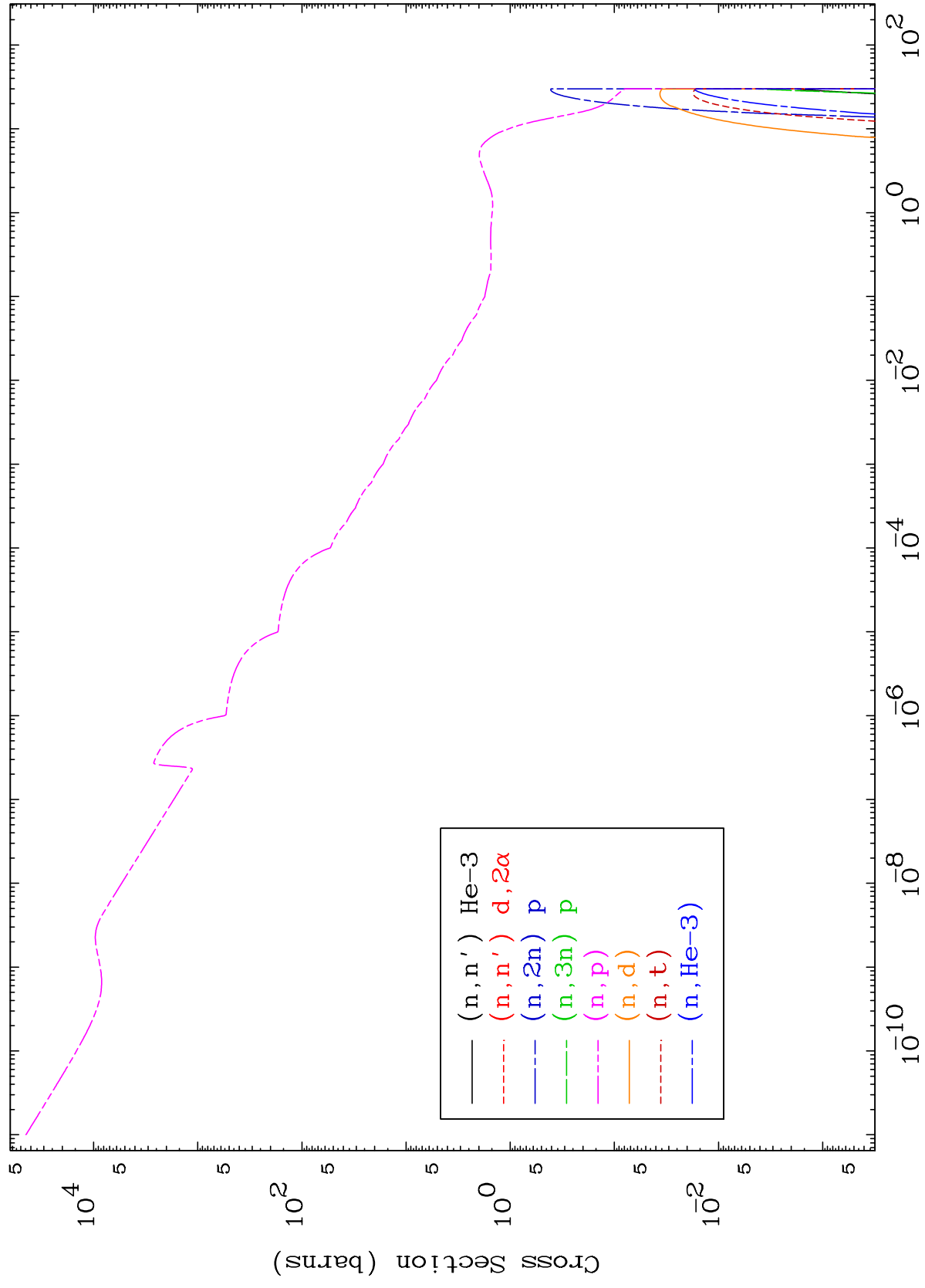
79-Au-176

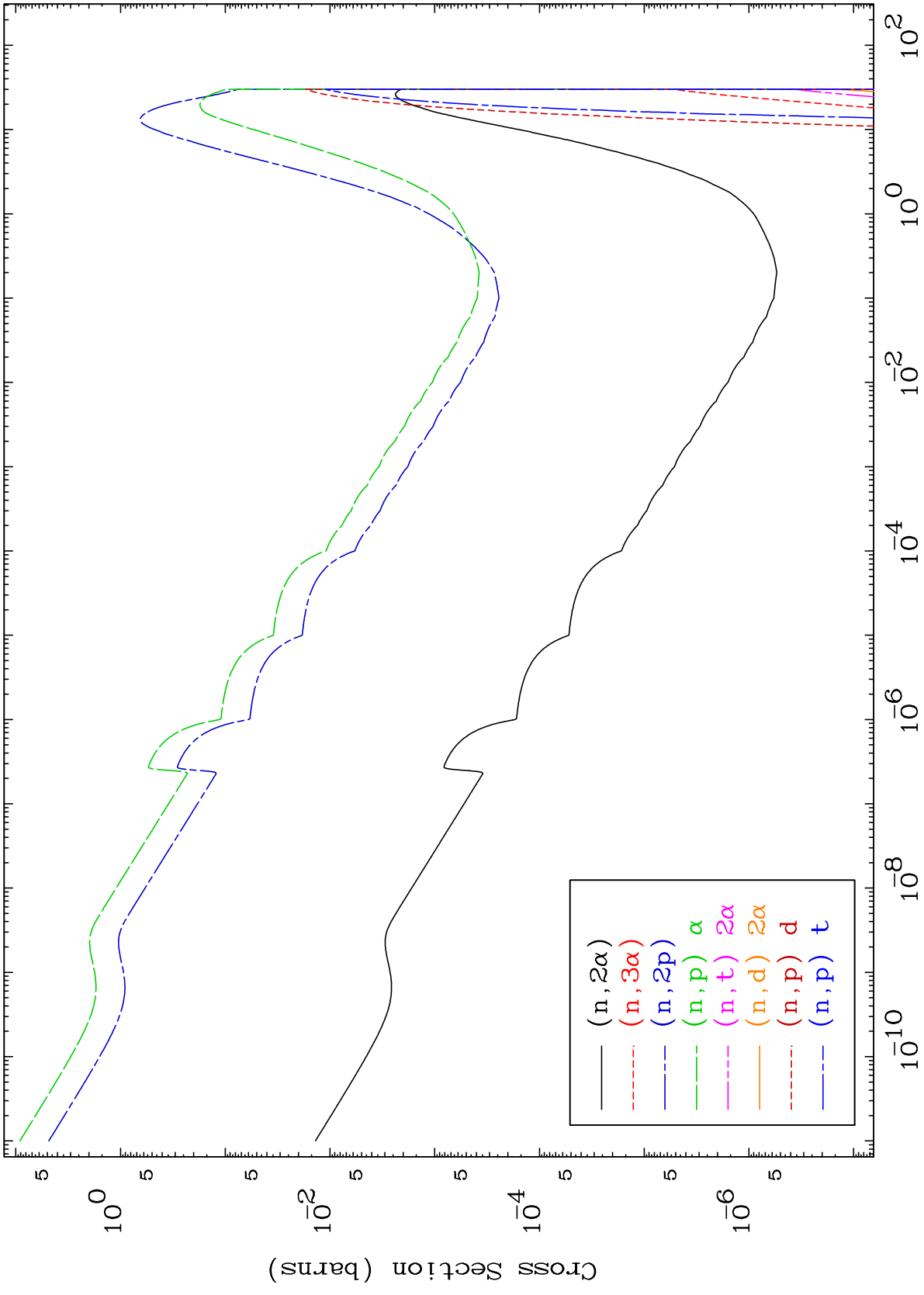


MAT 7863

Charged Particle
293 Kelvin Cross Sections

79-Au-176

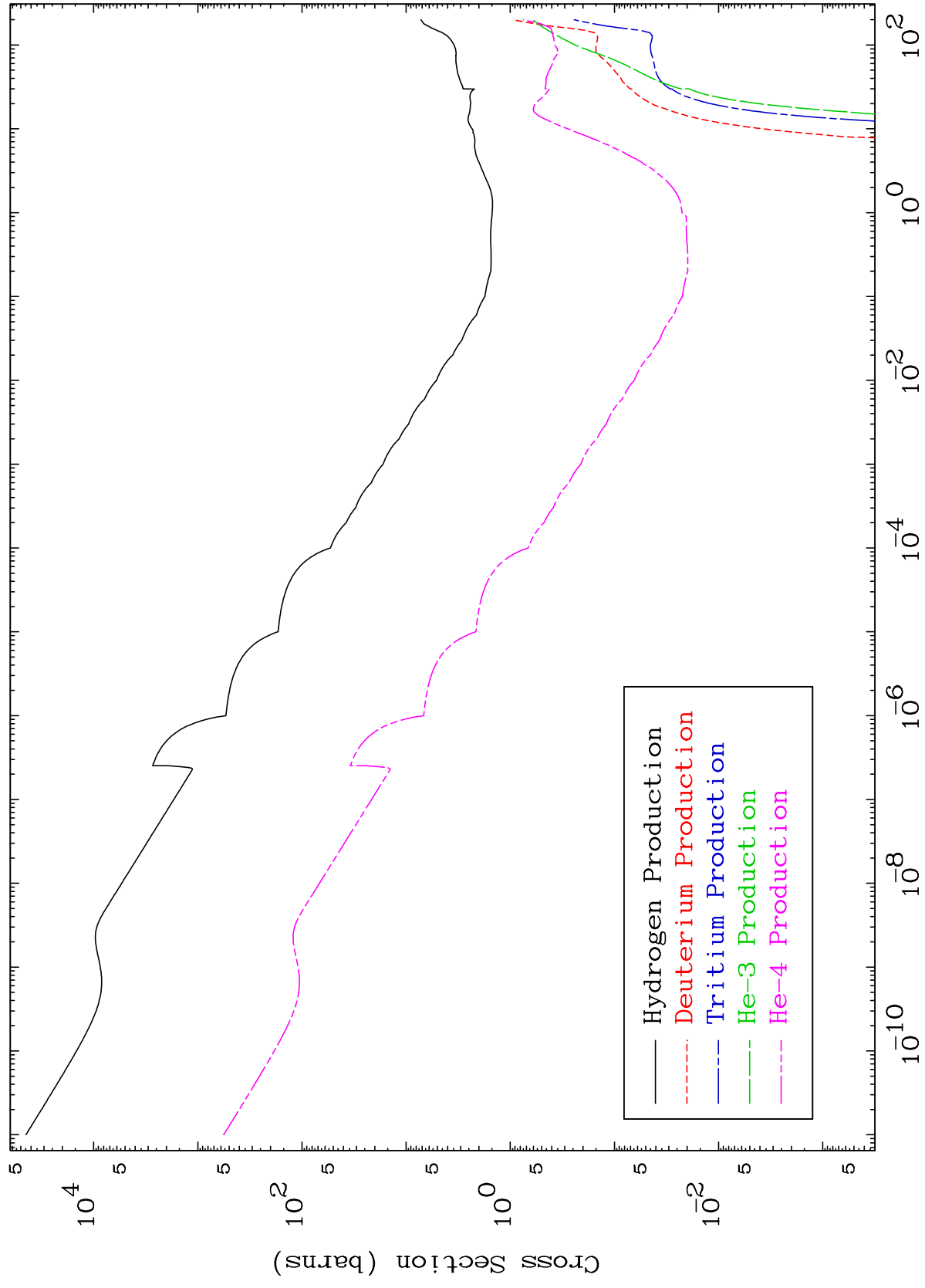




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Particle Production
293 Kelvin Cross Sections

79-Au-176



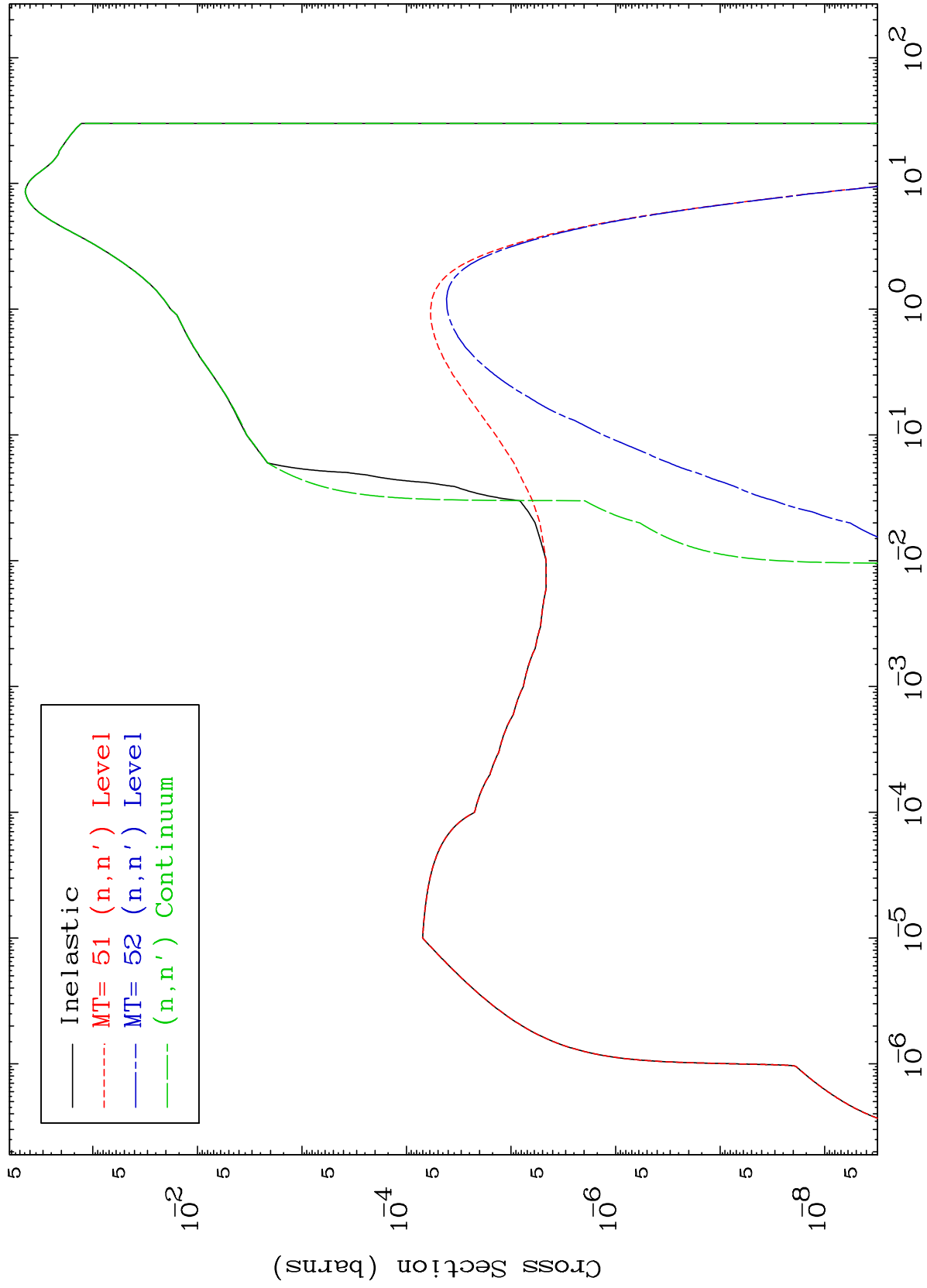
7

79-Au-176

MAT 7863

(n,n') Level
293 Kelvin Cross Sections

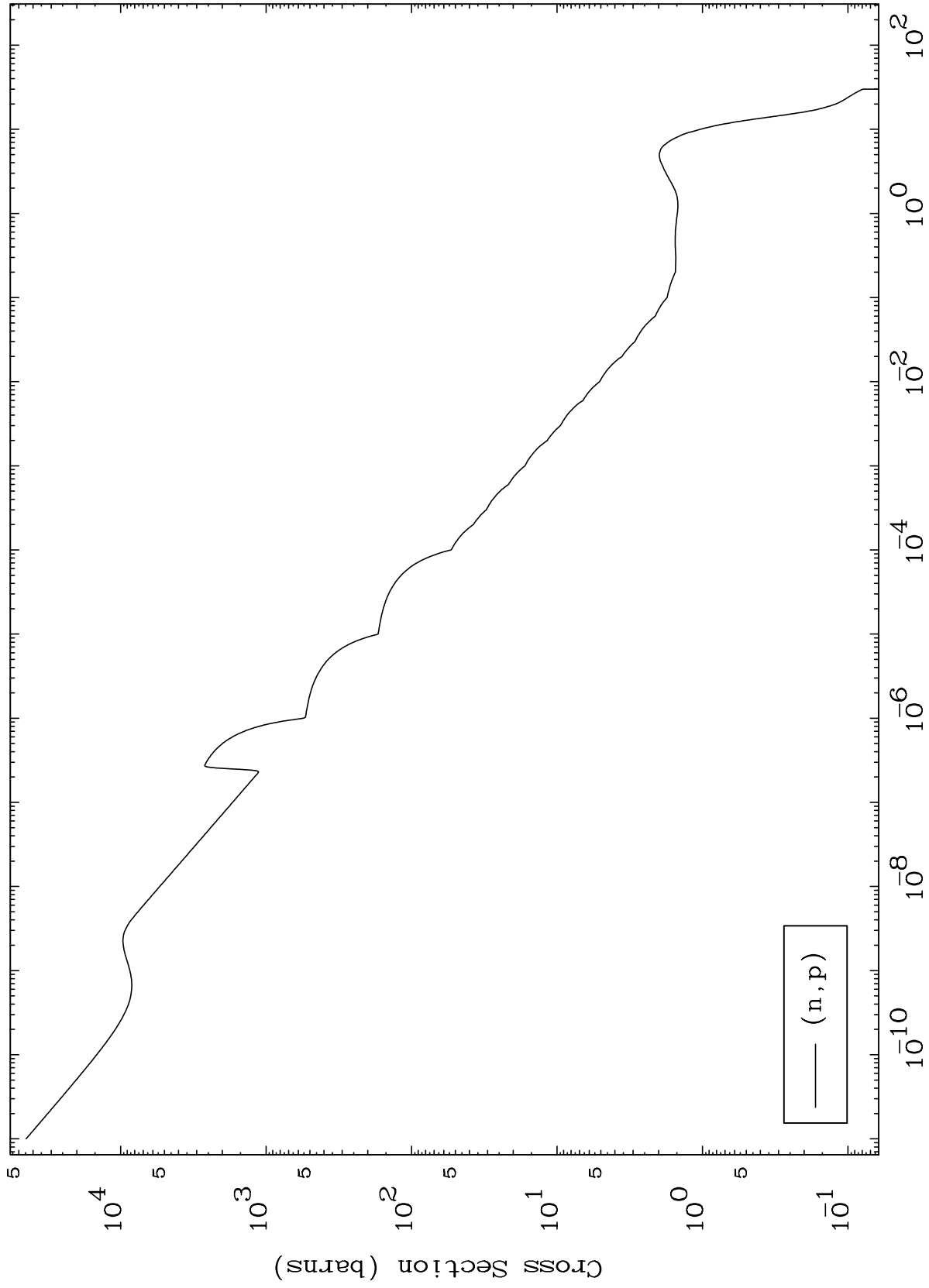
79-Au-176



MAT 7863

(n,p) Levels
293 Kelvin Cross Sections

79-Au-176



9

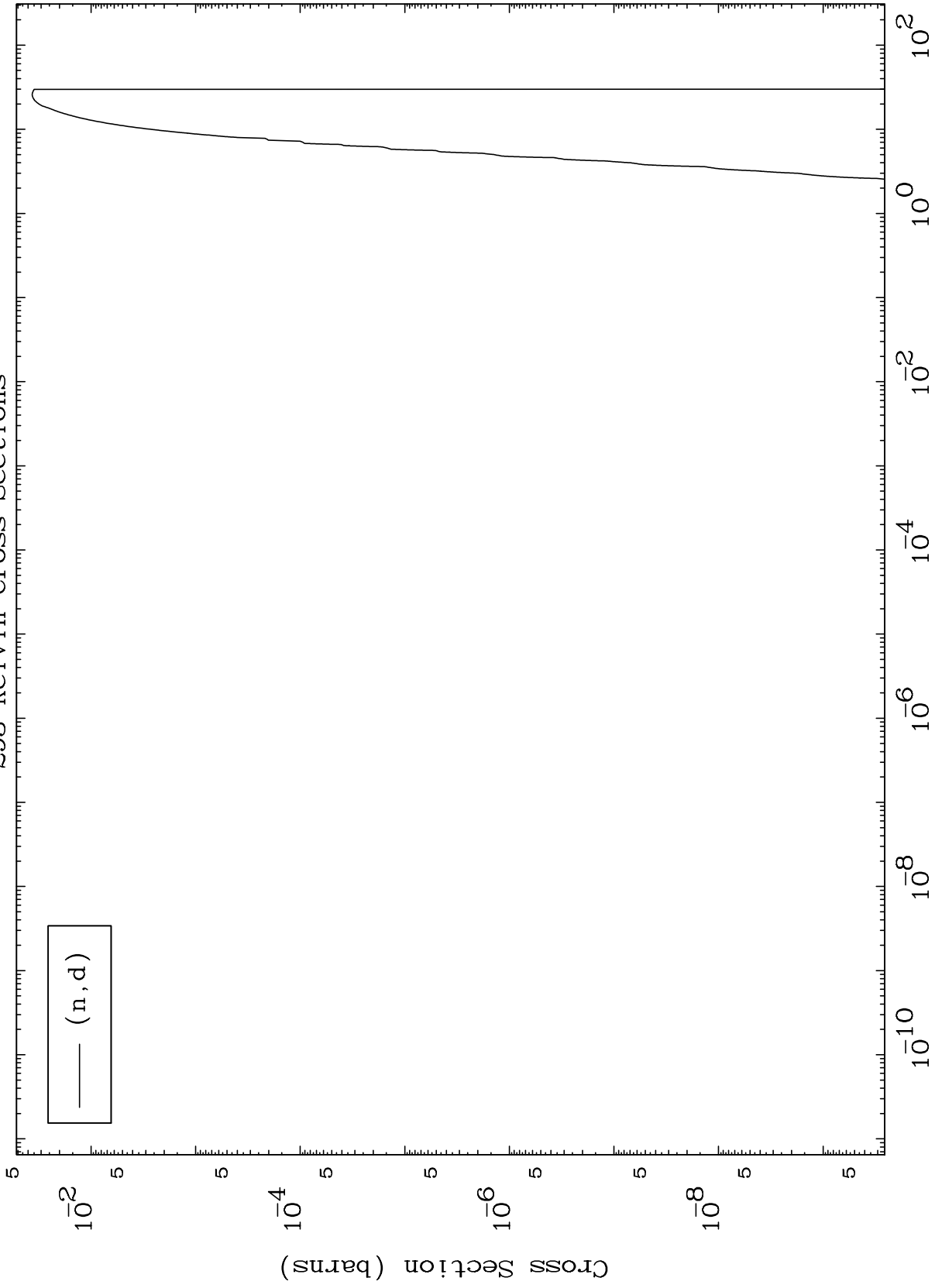
Incident Energy (MeV)

79-Au-176

MAT 7863

(n,d) Levels
293 Kelvin Cross Sections

79-Au-176



10

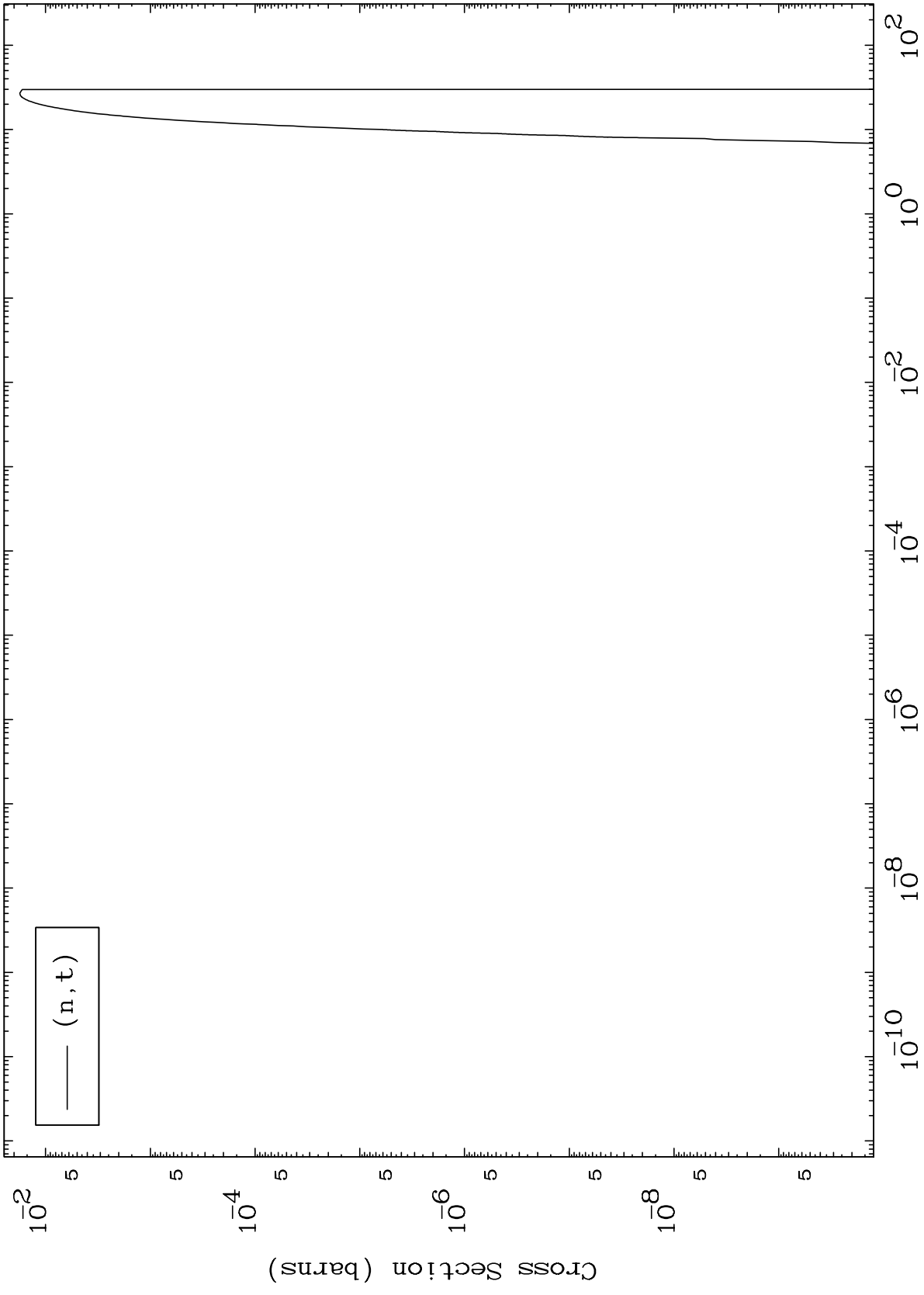
Incident Energy (MeV)

79-Au-176

MAT 7863

(n,t) Levels
293 Kelvin Cross Sections

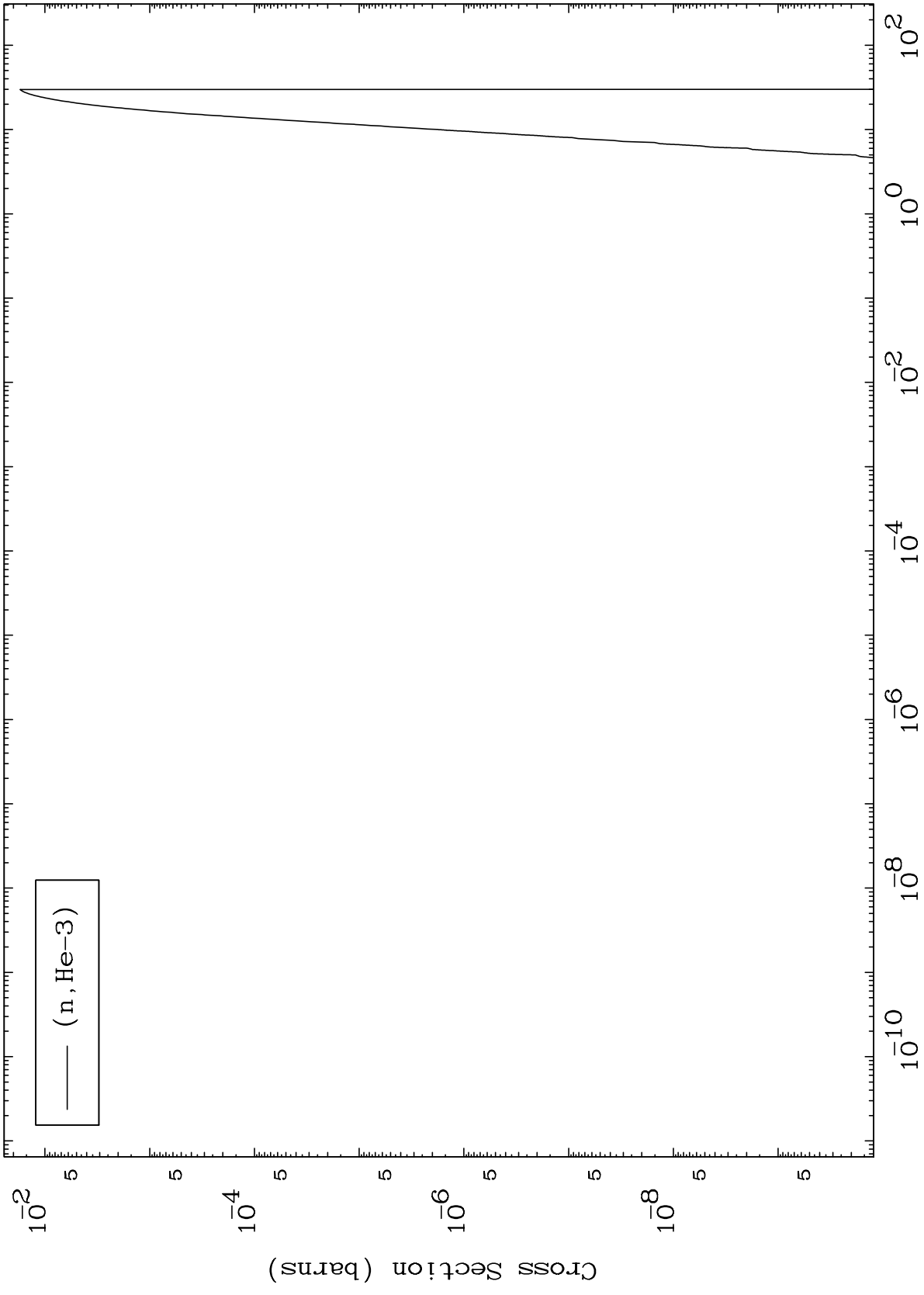
79-Au-176



MAT 7863

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-176



12

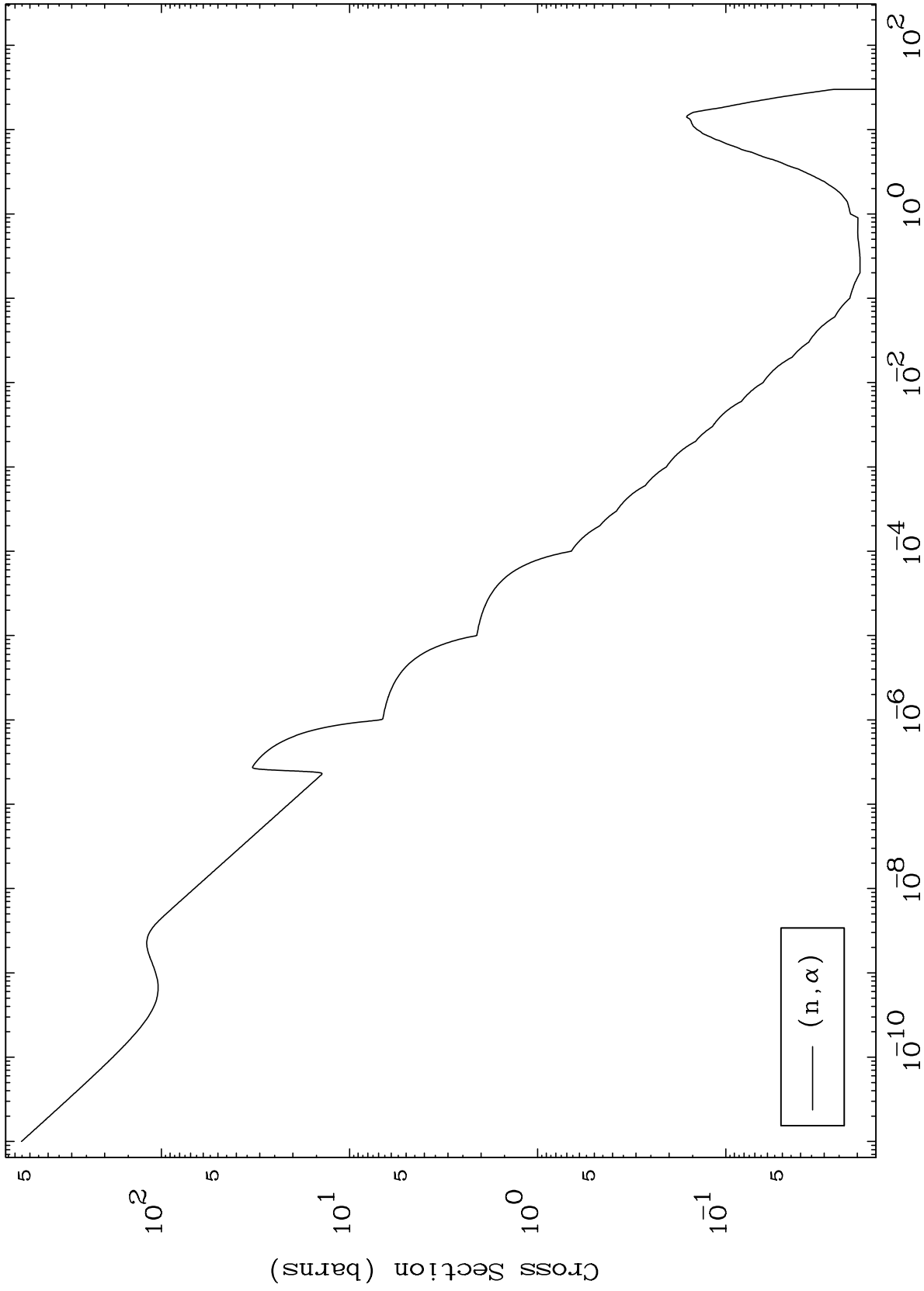
Incident Energy (MeV)

79-Au-176

MAT 7863

(n,α) Levels
293 Kelvin Cross Sections

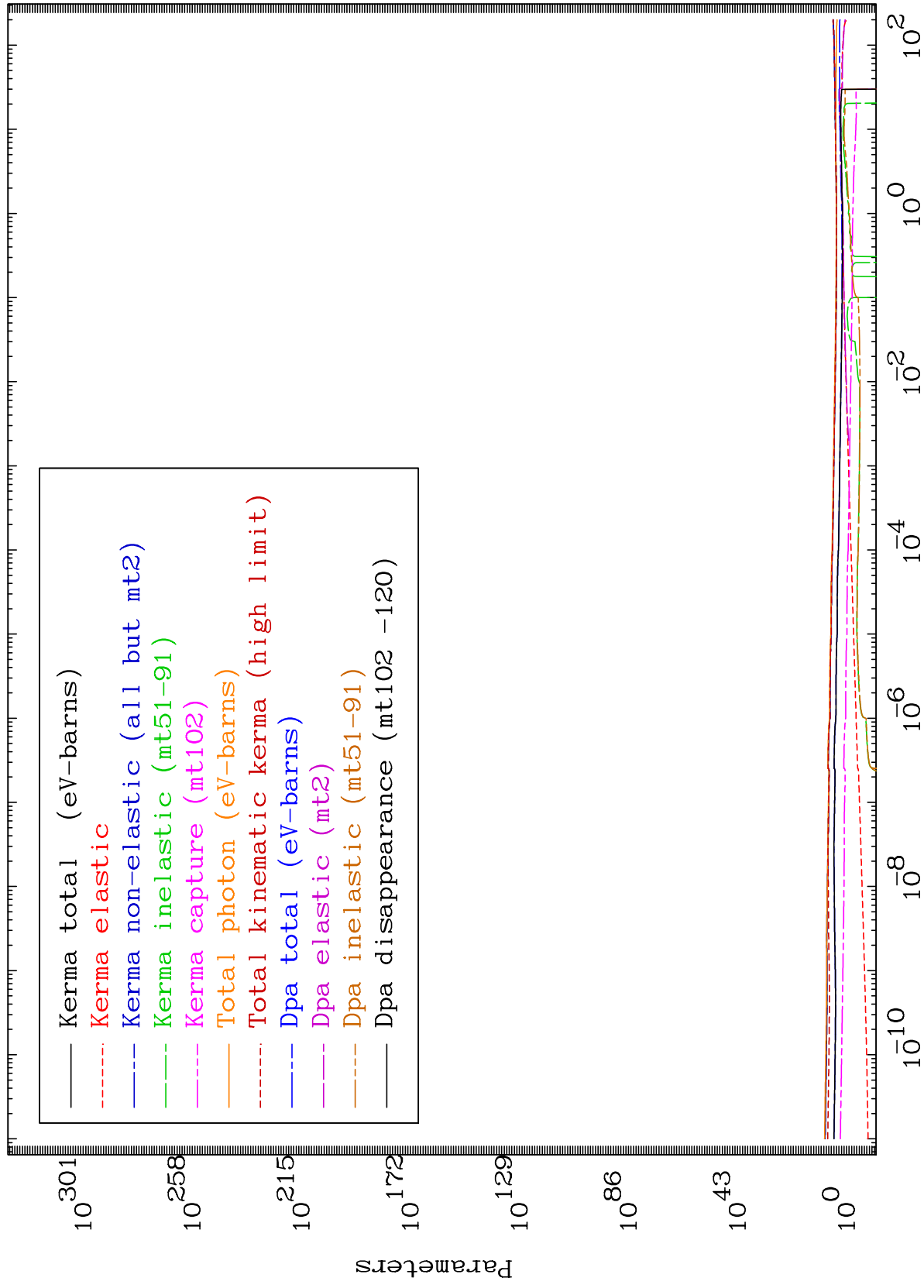
79-Au-176



13

Incident Energy (MeV)

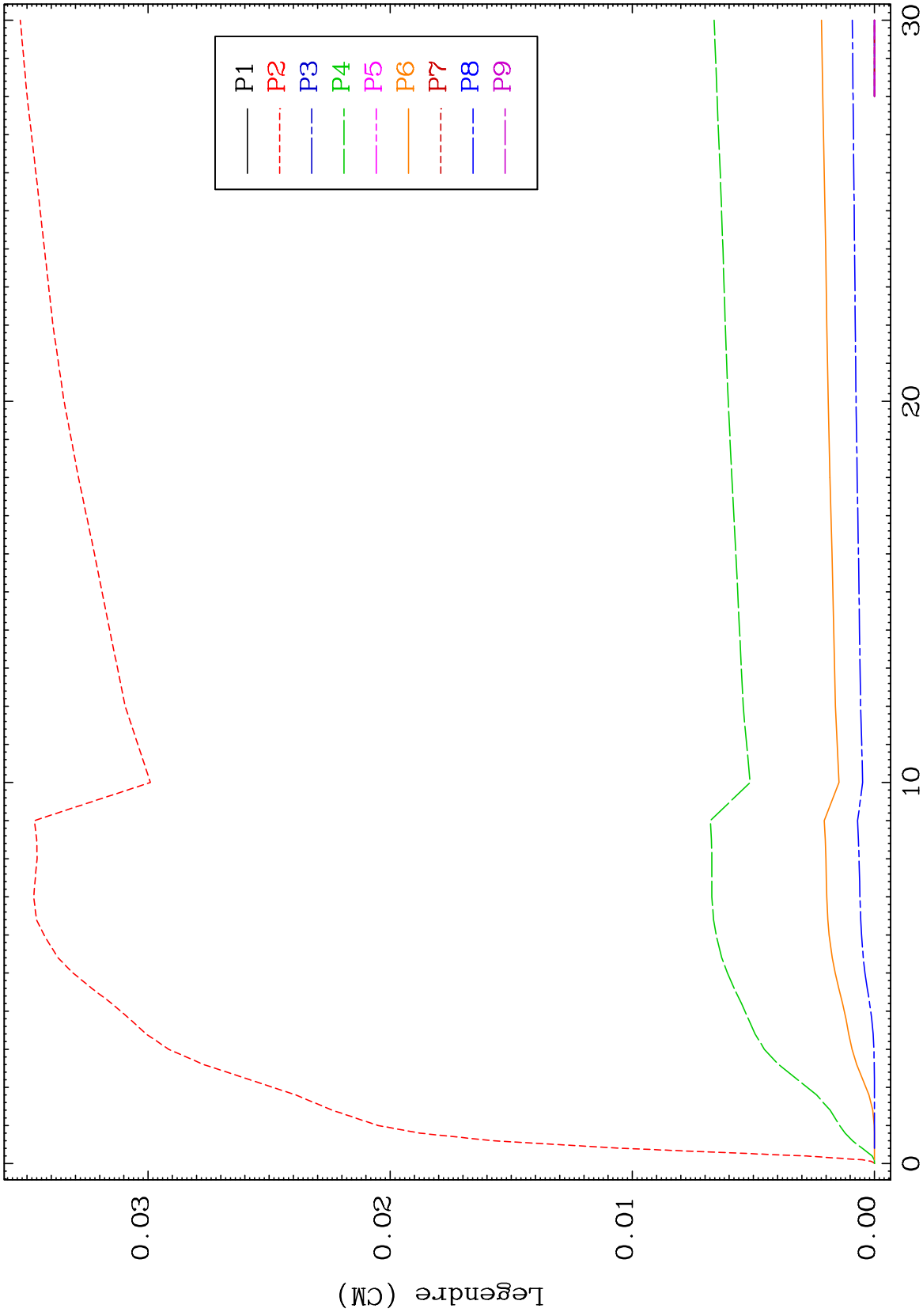
79-Au-176



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Elastic Legendre Coefficients

⁷⁹Au-176



15

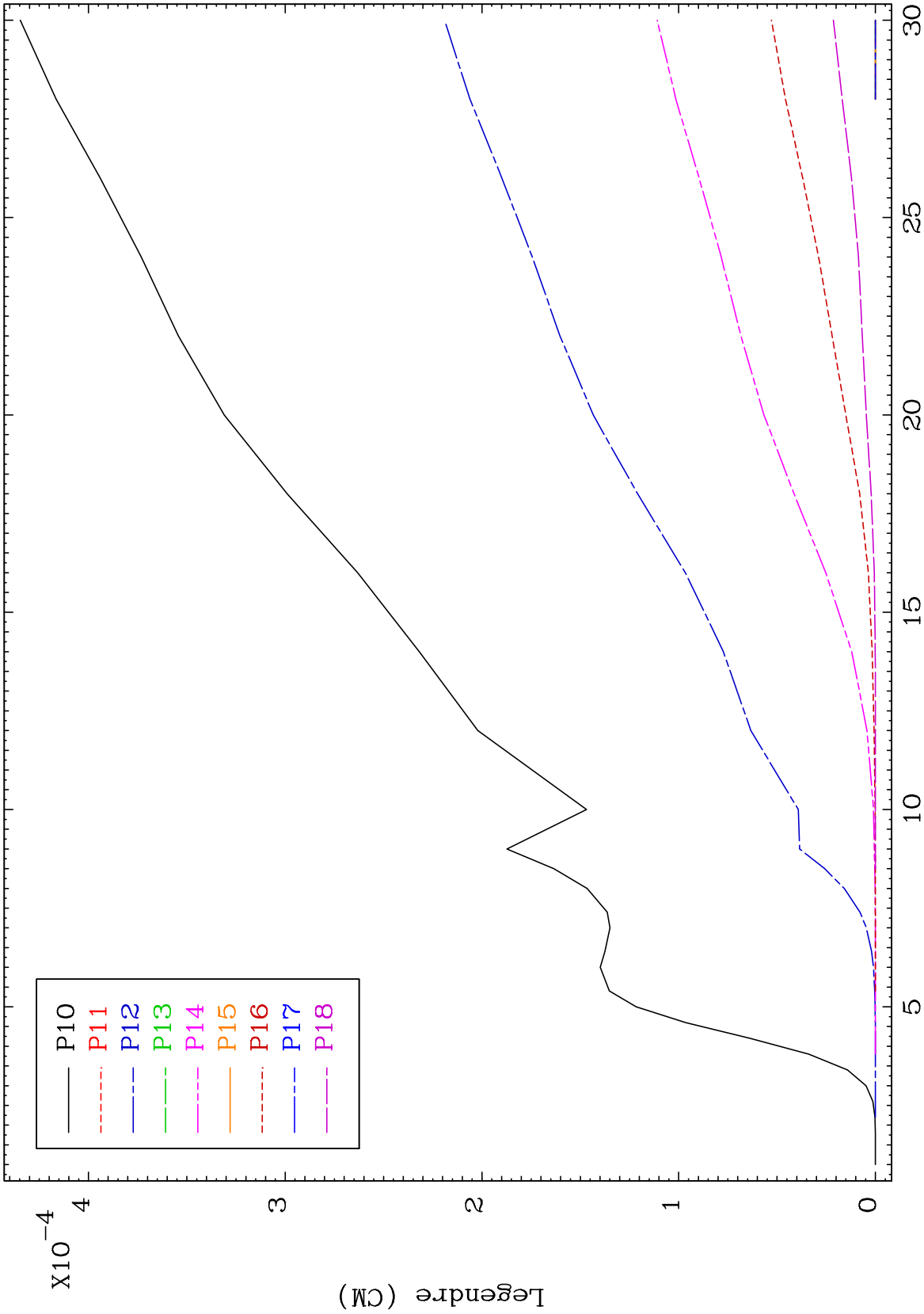
Incident Energy (MeV)

⁷⁹Au-176

MAT 7863

Elastic Legendre Coefficients

⁷⁹Au-176



16

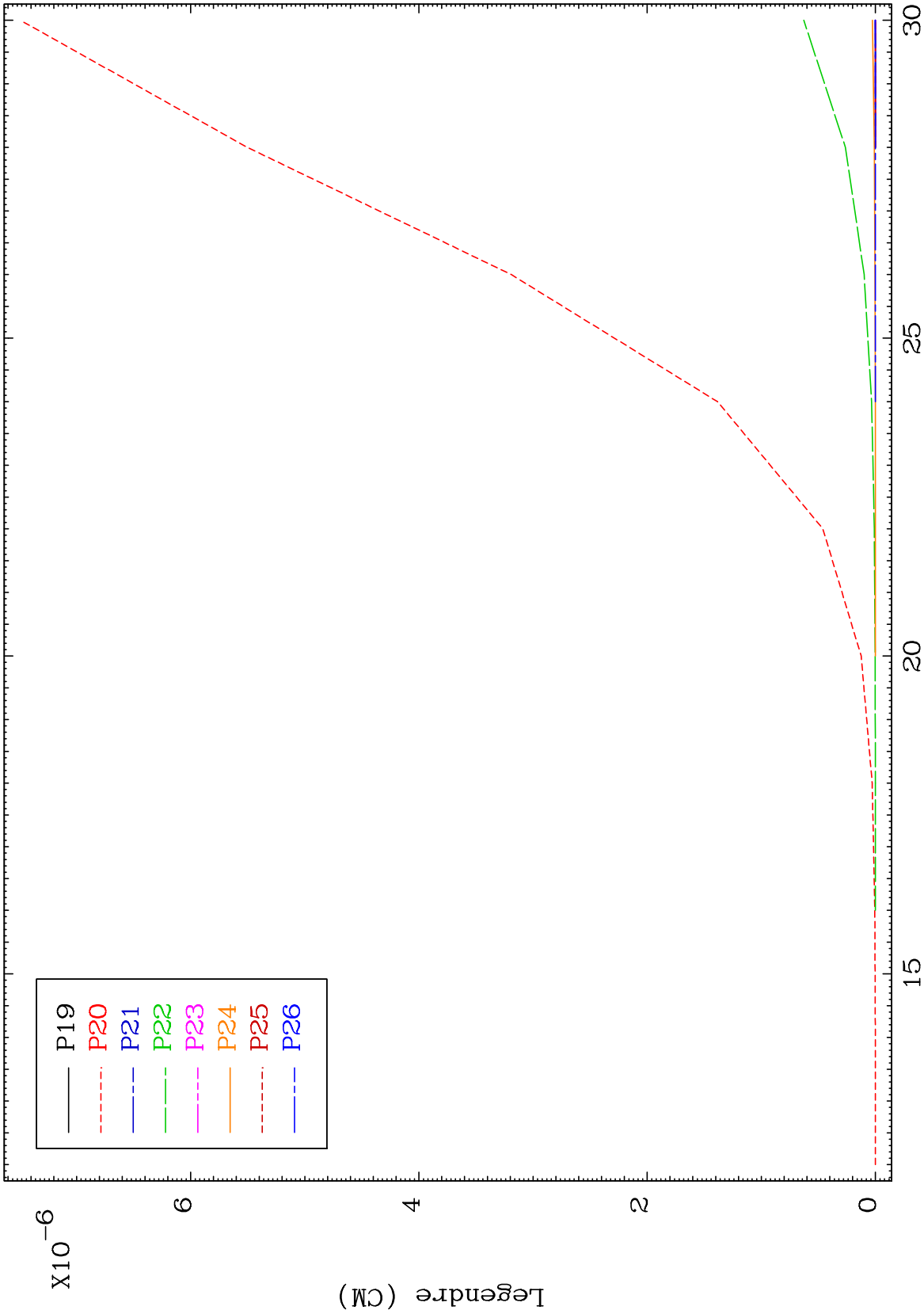
Incident Energy (MeV)

⁷⁹Au-176

MAT 7863

Elastic Legendre Coefficients

79-Au-176



17

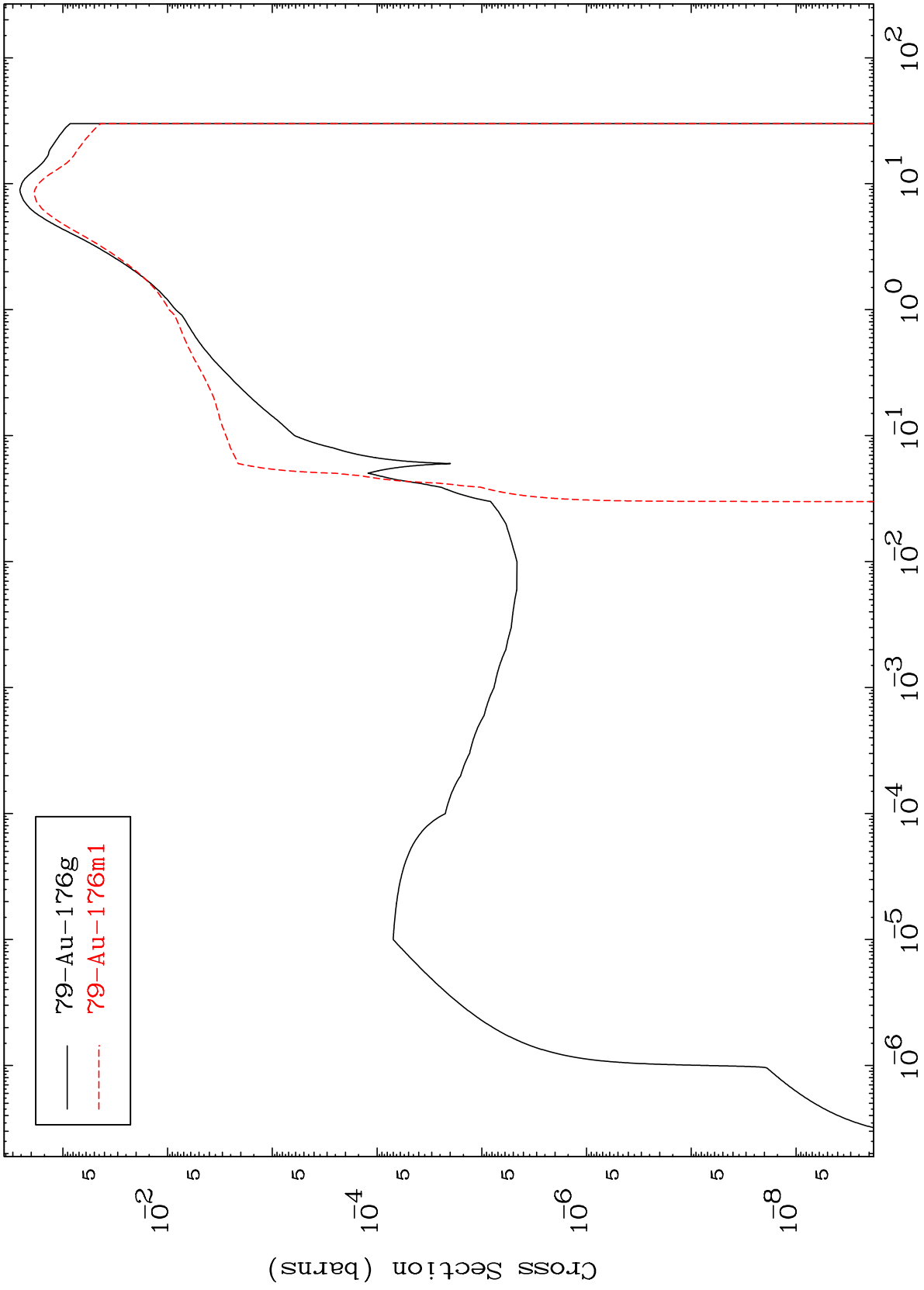
Incident Energy (MeV)

79-Au-176

MAT 7863

Inelastic Radionuclide Production Cross Section

⁷⁹Au-176



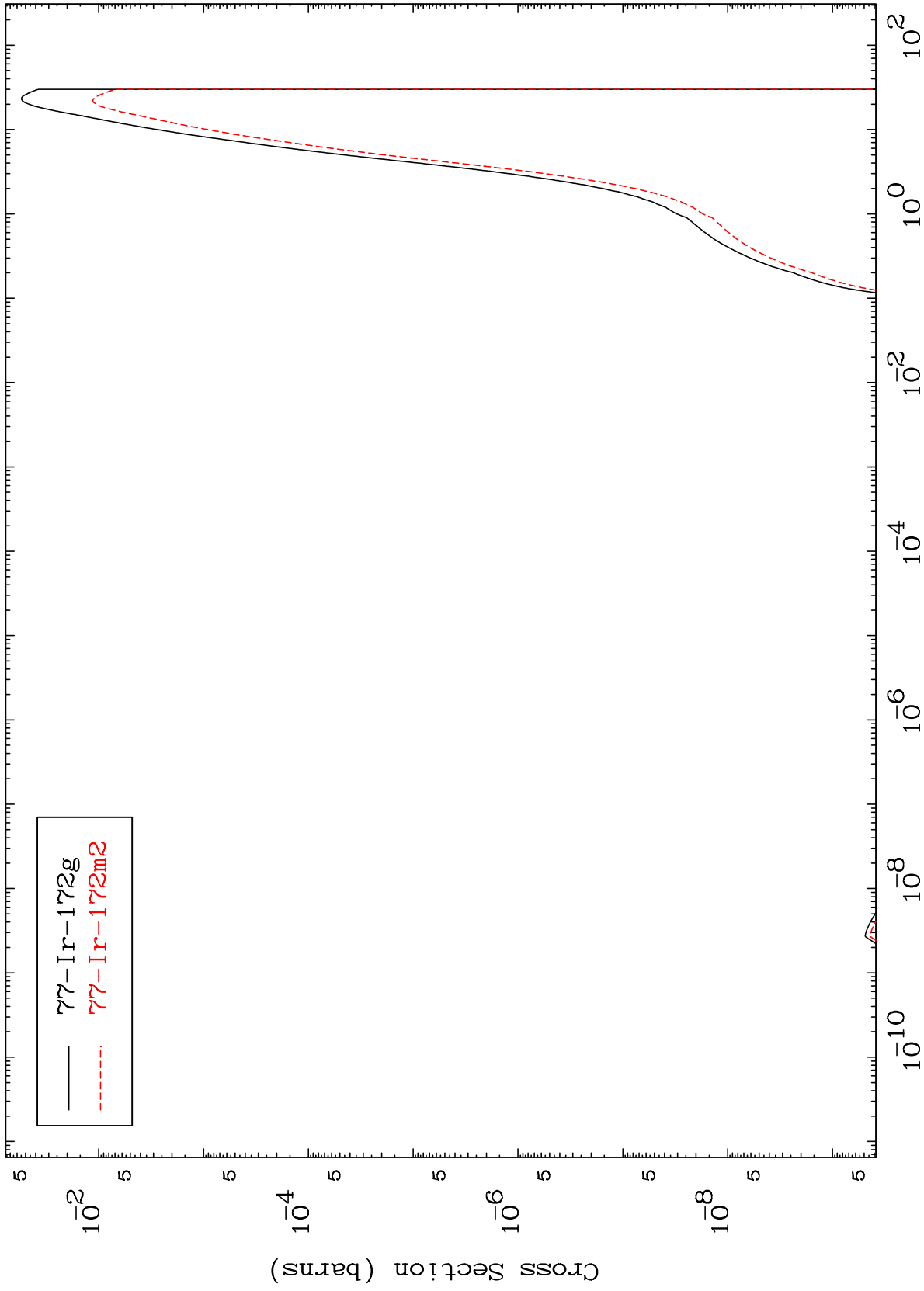
— ⁷⁹Au-176g
- - - ⁷⁹Au-176m1

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(n,n') α

79-Au-176

Radionuclide Production Cross Section



19

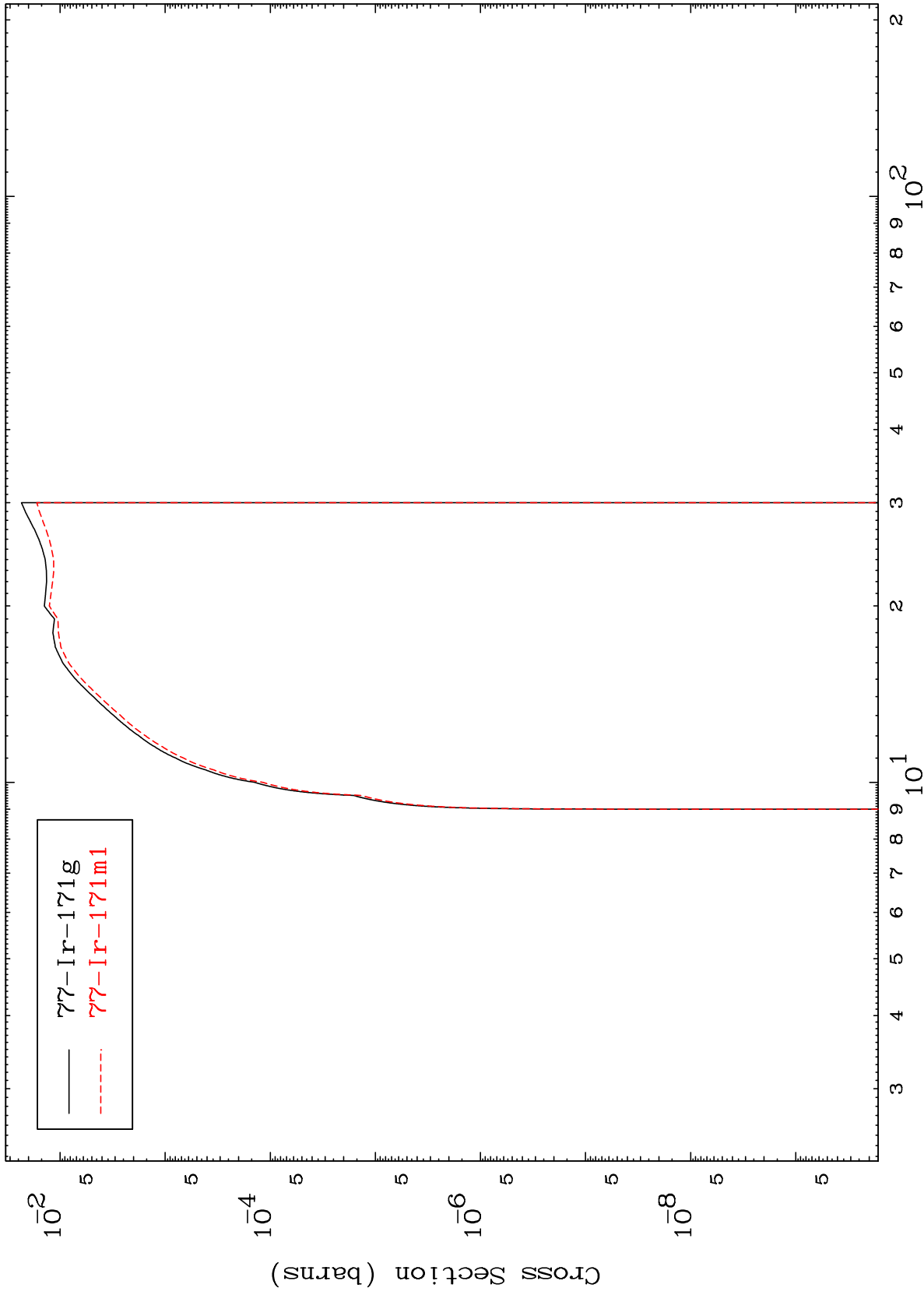
Incident Energy (MeV)

79-Au-176

MAT 7863

⁷⁹Au-176

(n,2n) α
Radionuclide Production Cross Section



20

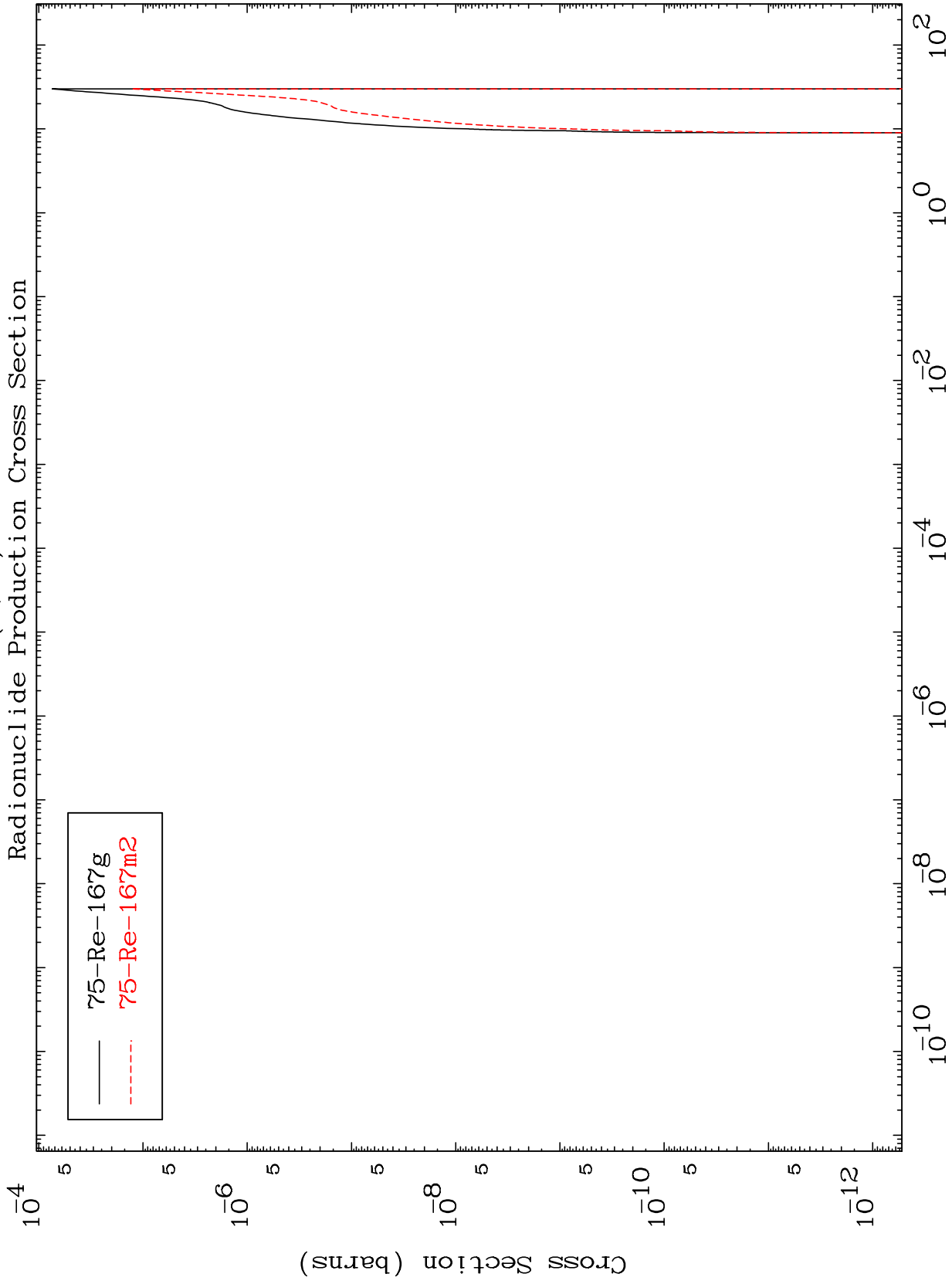
⁷⁹Au-176

MAT 7863

(n,2n) 2 α

79-Au-176

Radionuclide Production Cross Section

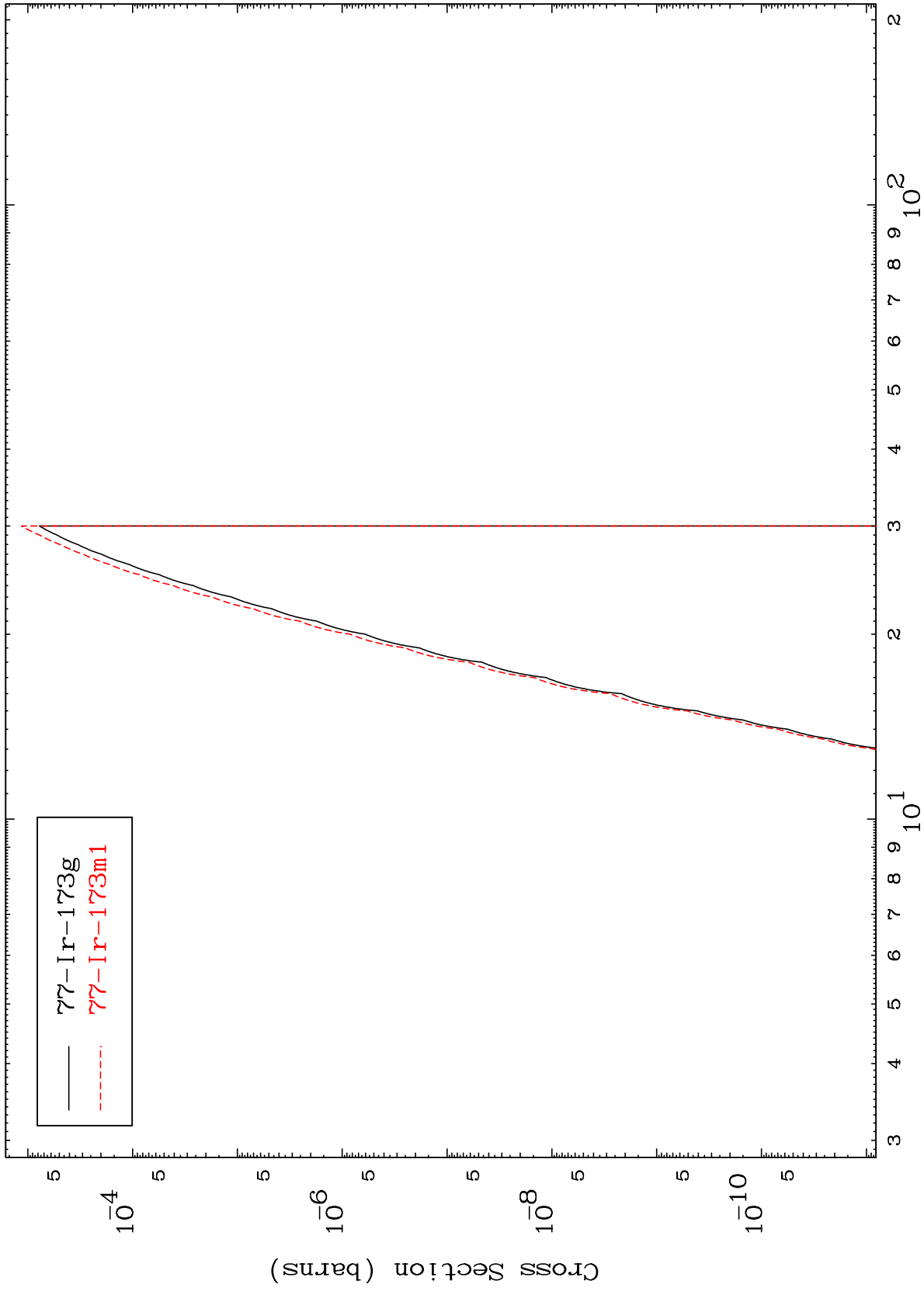


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(n, n') He-3

79-Au-176

Radionuclide Production Cross Section



22

Incident Energy (MeV)

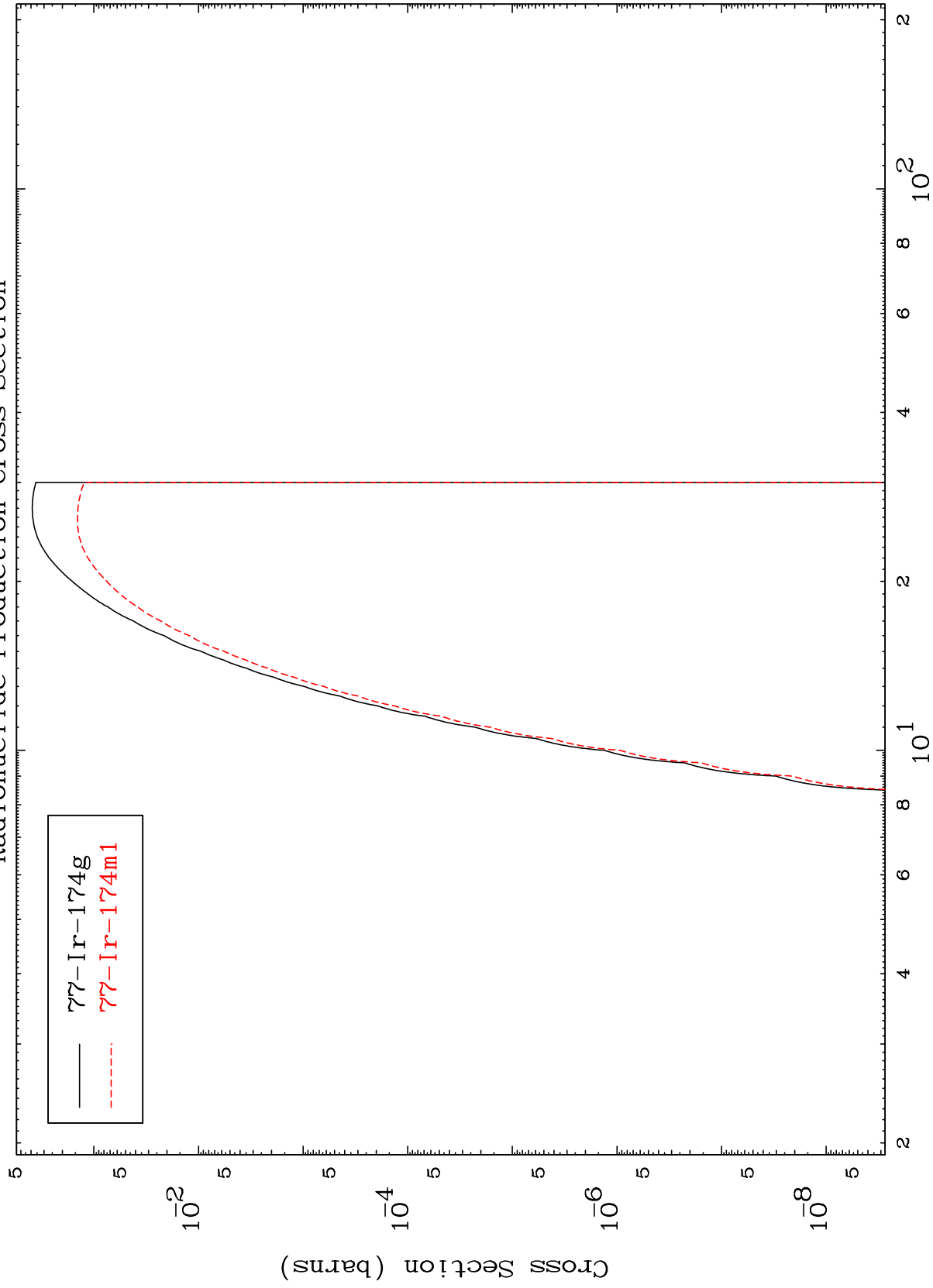
79-Au-176

MAT 7863

(n,2n) p

⁷⁹Au-176

Radionuclide Production Cross Section



23

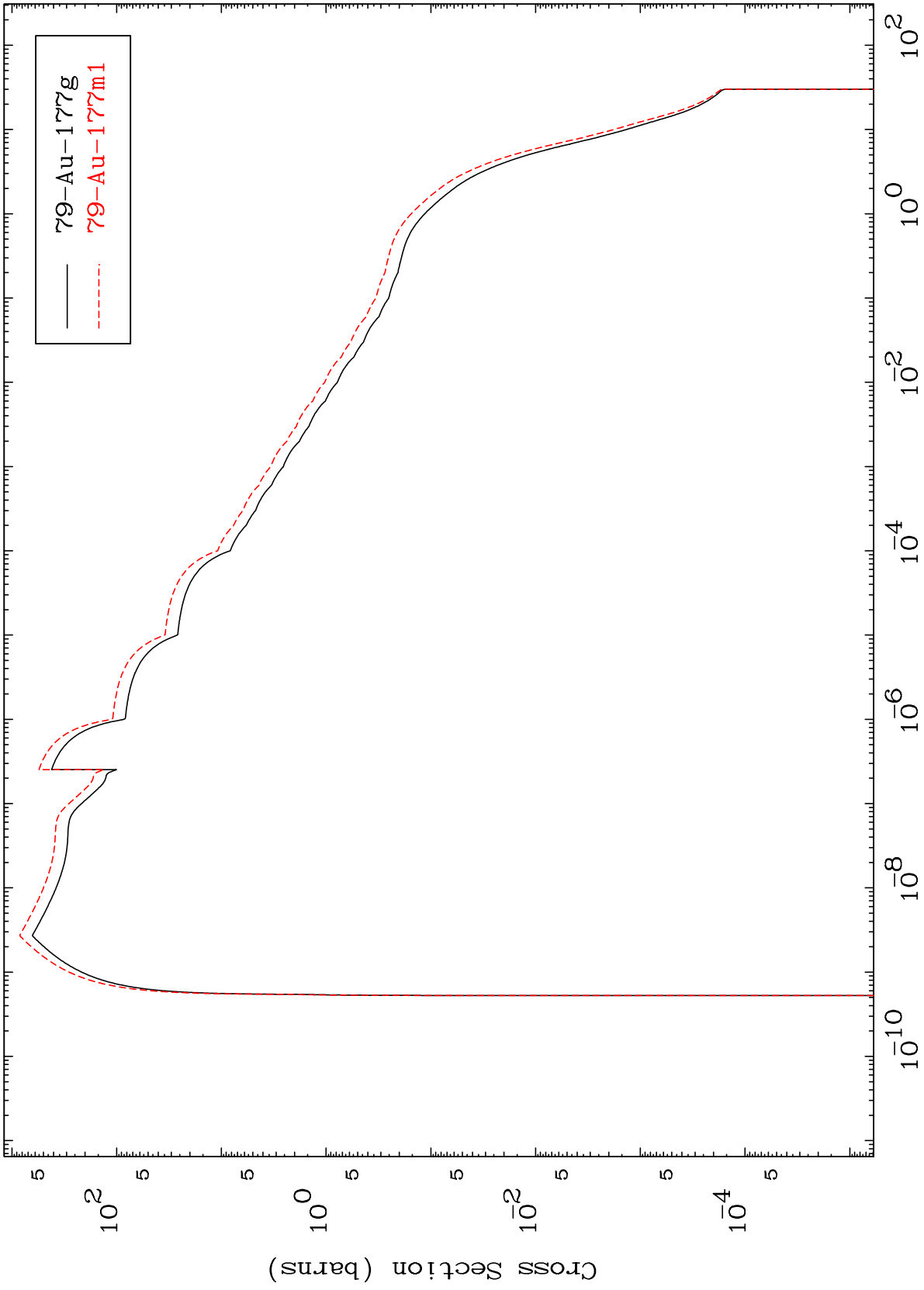
Incident Energy (MeV)

⁷⁹Au-176

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⁷⁹Au-176

(n,γ)
Radionuclide Production Cross Section



24

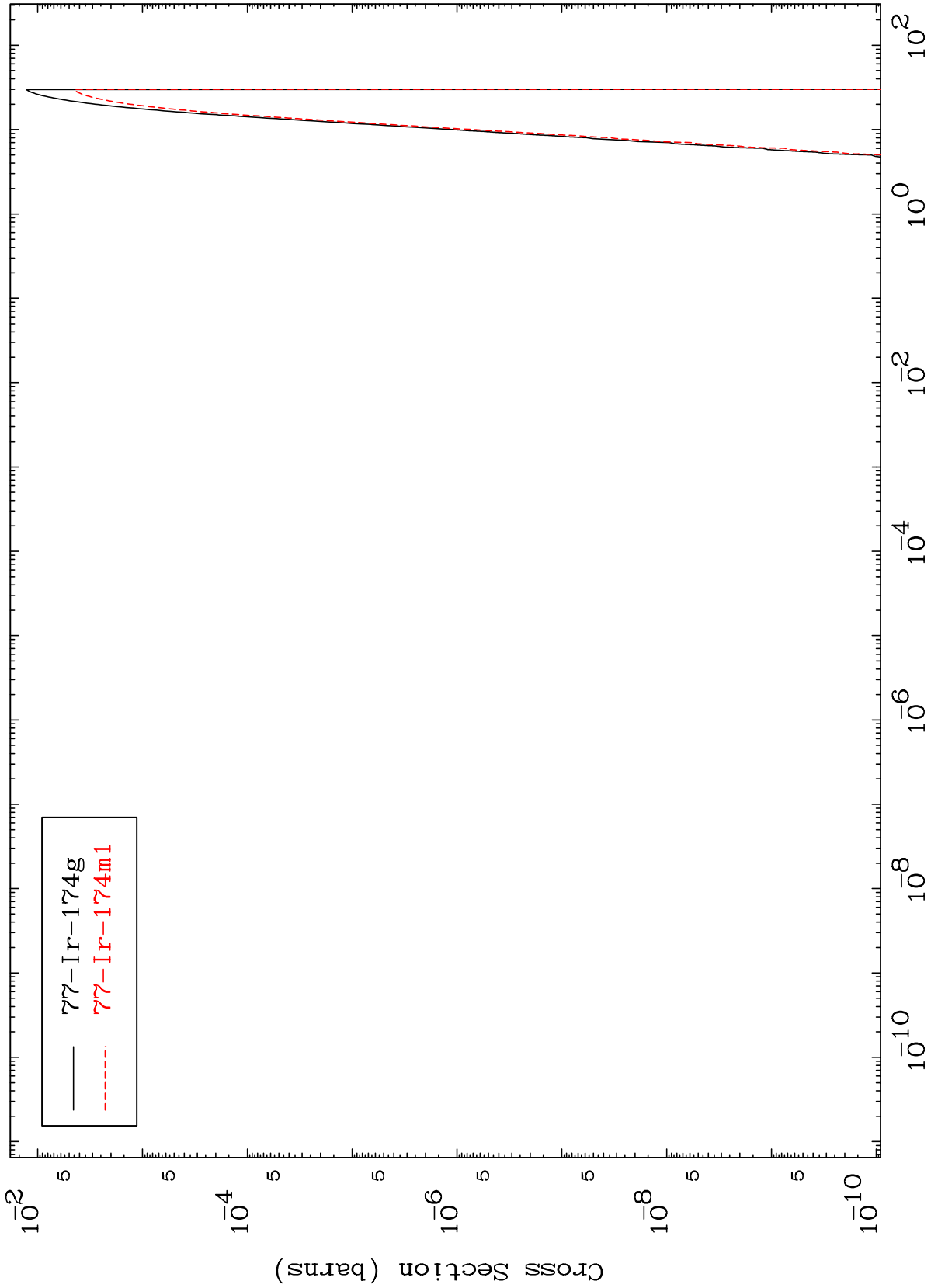
⁷⁹Au-176

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(n, He-3)

⁷⁹Au-176

Radionuclide Production Cross Section



25

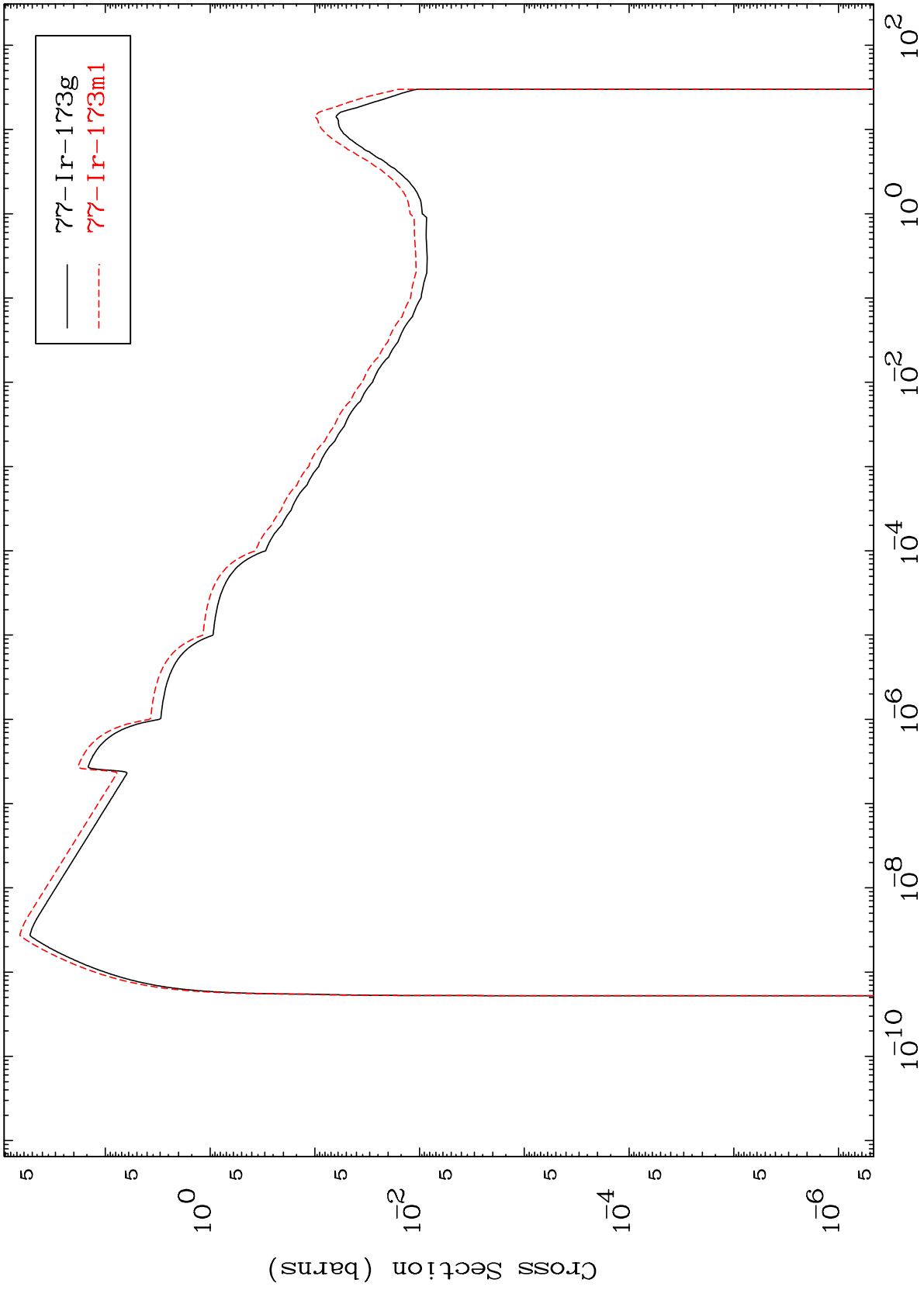
Incident Energy (MeV)

⁷⁹Au-176

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79-Au-176

(n, α)
Radionuclide Production Cross Section



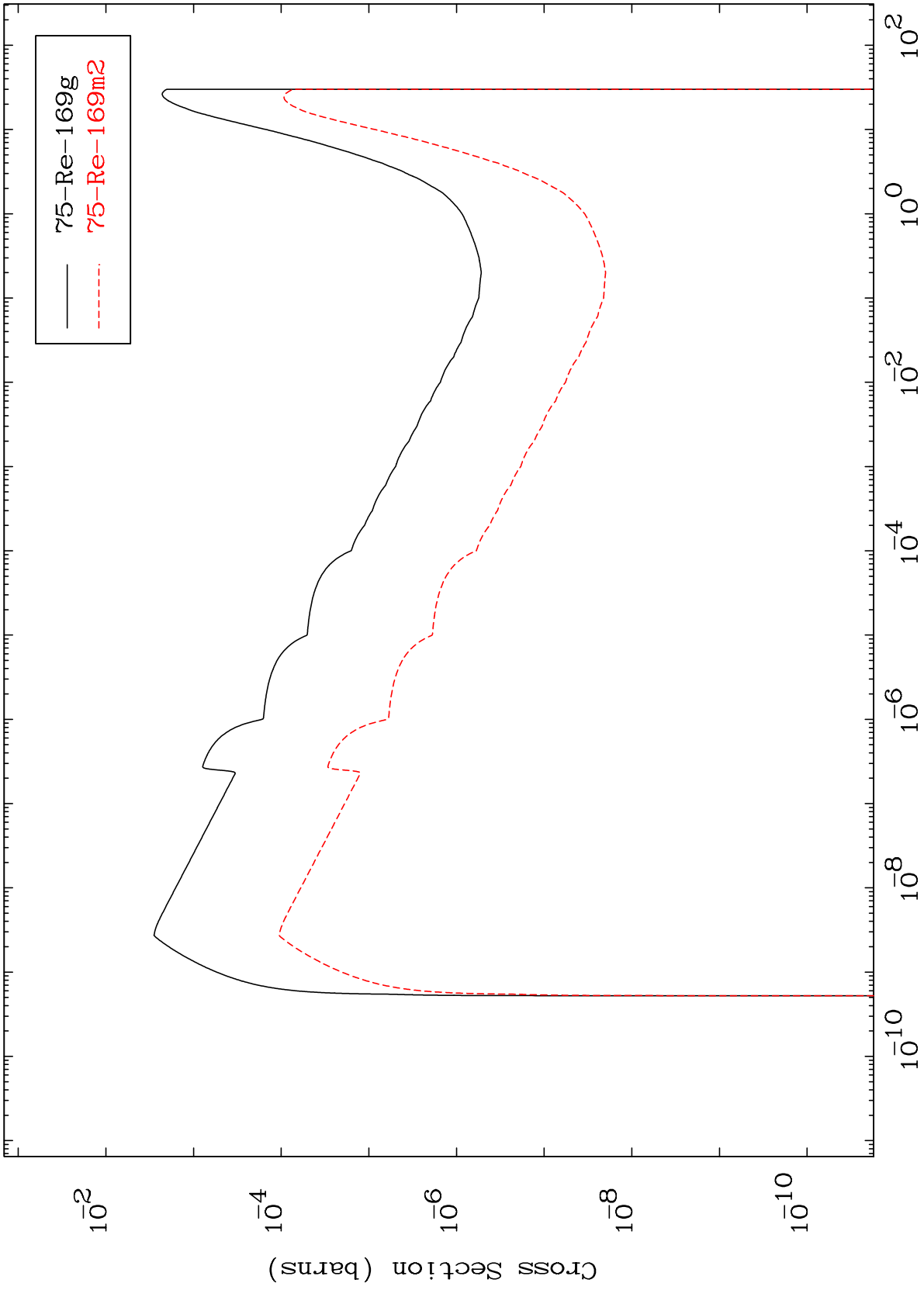
26

79-Au-176

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79-Au-176

(n,2α)
Radionuclide Production Cross Section



27

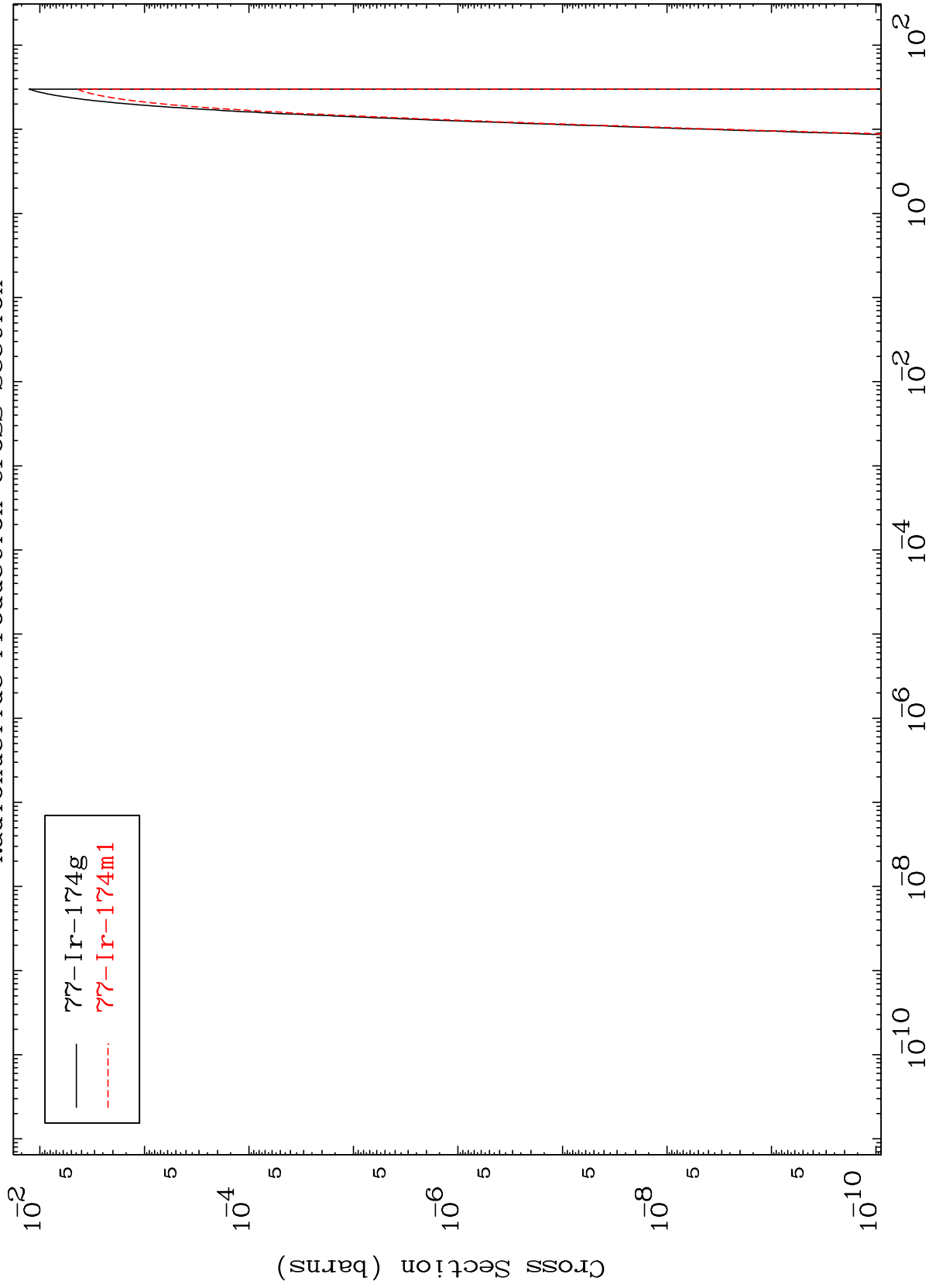
79-Au-176

MAT 7863

(n,p) d

⁷⁹Au-176

Radionuclide Production Cross Section



28

Incident Energy (MeV)

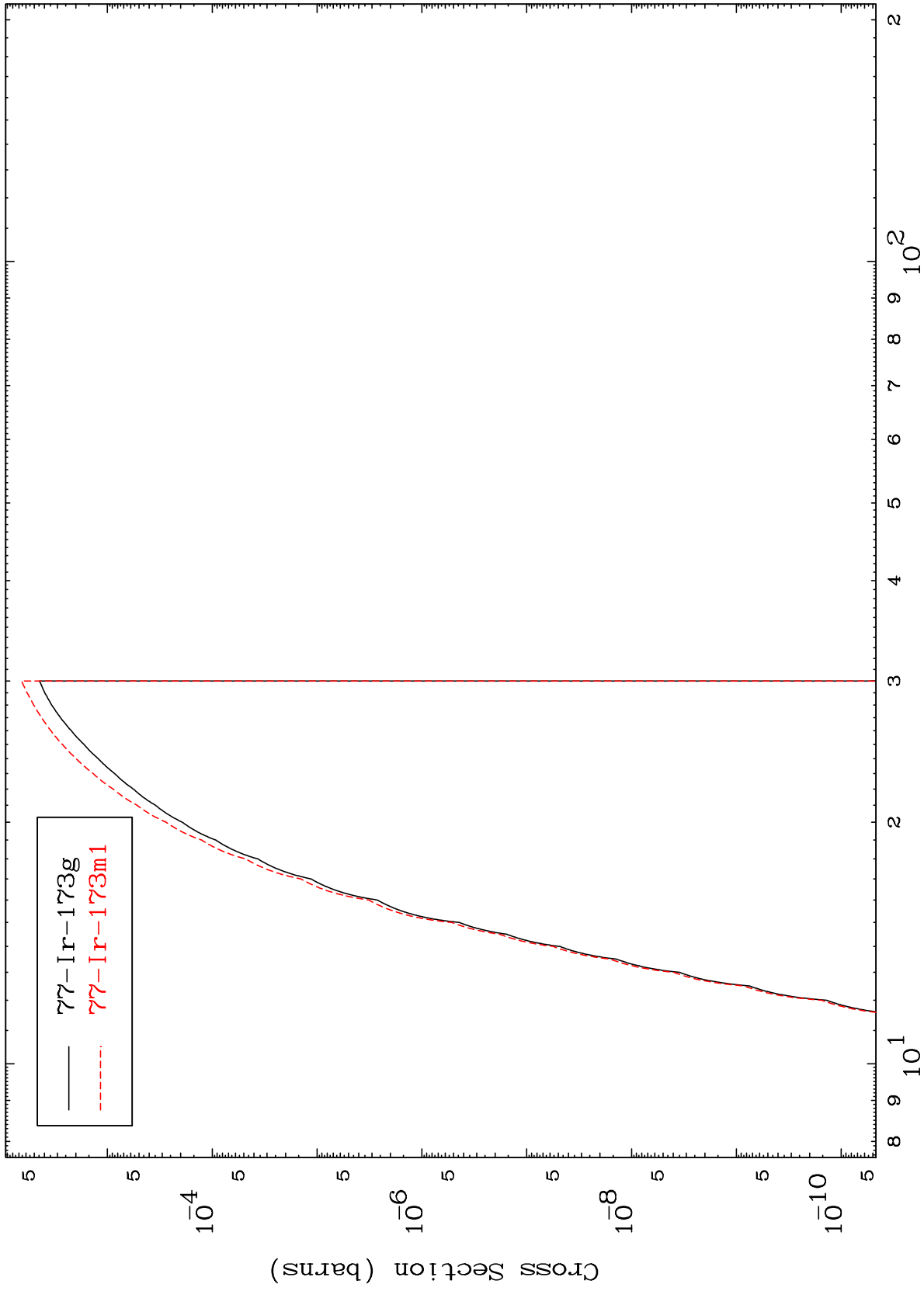
⁷⁹Au-176

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(n,p) t

⁷⁹Au-176

Radionuclide Production Cross Section



29

Incident Energy (MeV)

⁷⁹Au-176