

Program EVALPLOT
(Version 2018-1)

by

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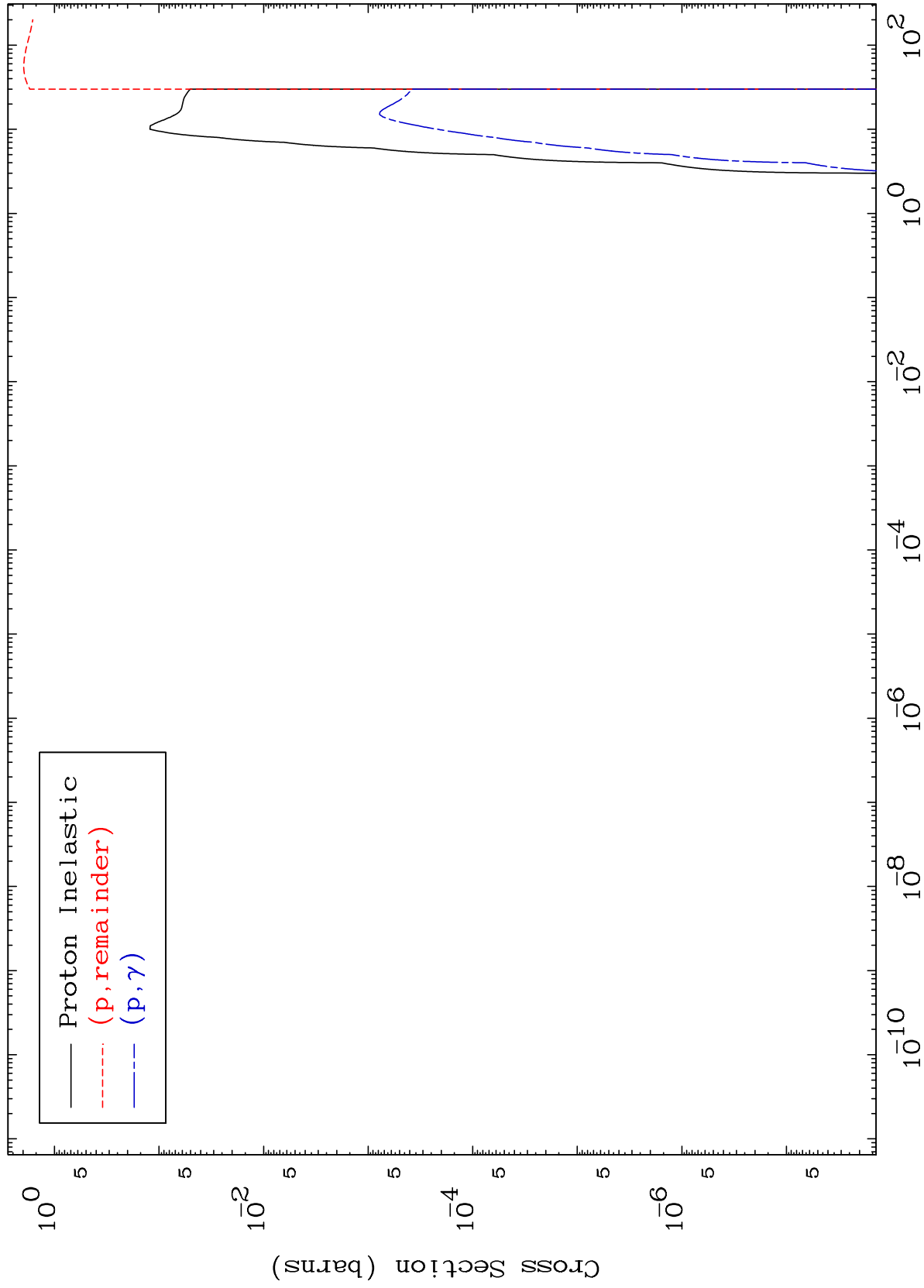
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7923

Proton Major
0 Kelvin Cross Sections

79-Au-196



1

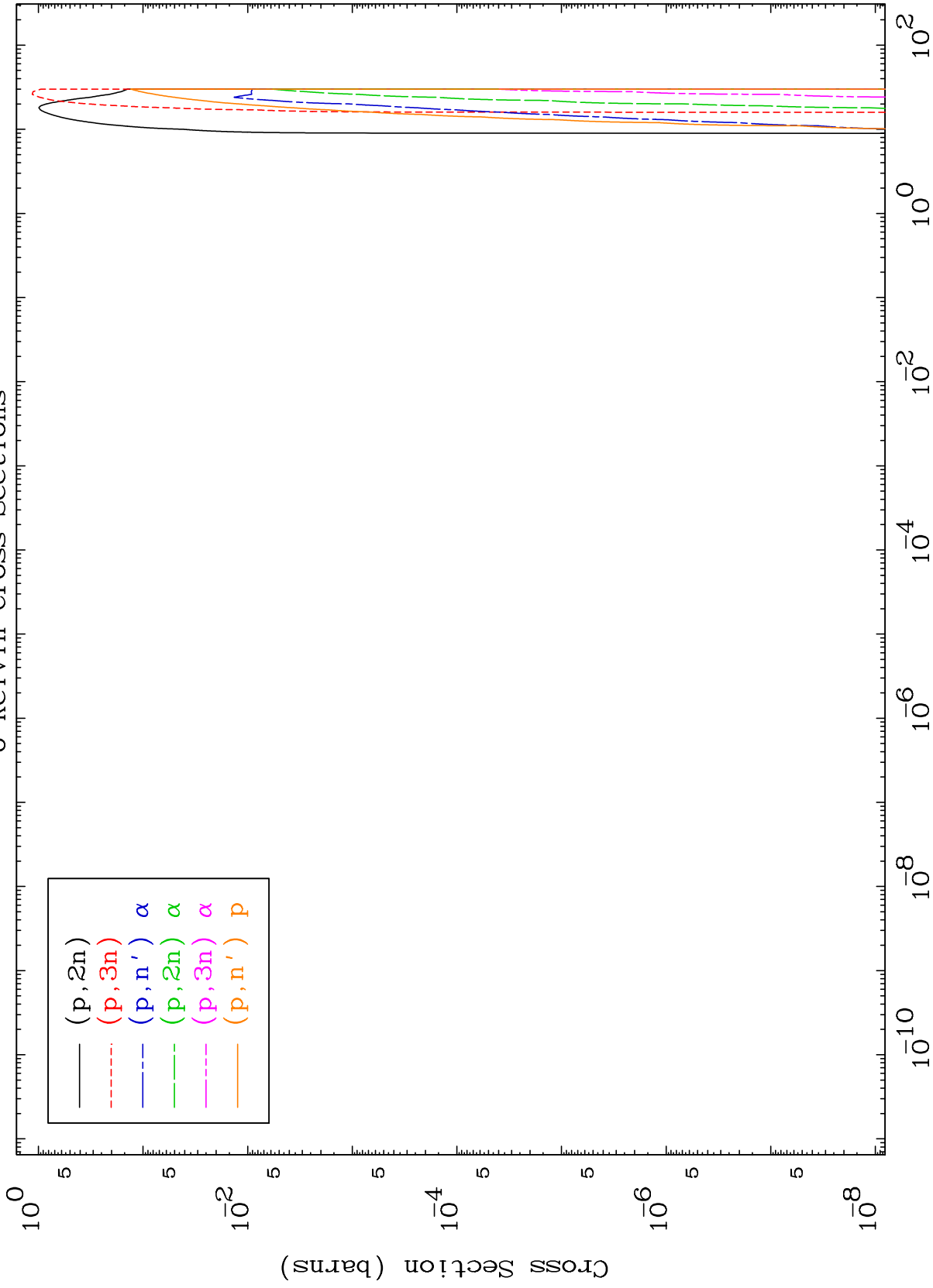
Incident Energy (MeV)

79-Au-196

MAT 7923

Proton Neutron Production
0 Kelvin Cross Sections

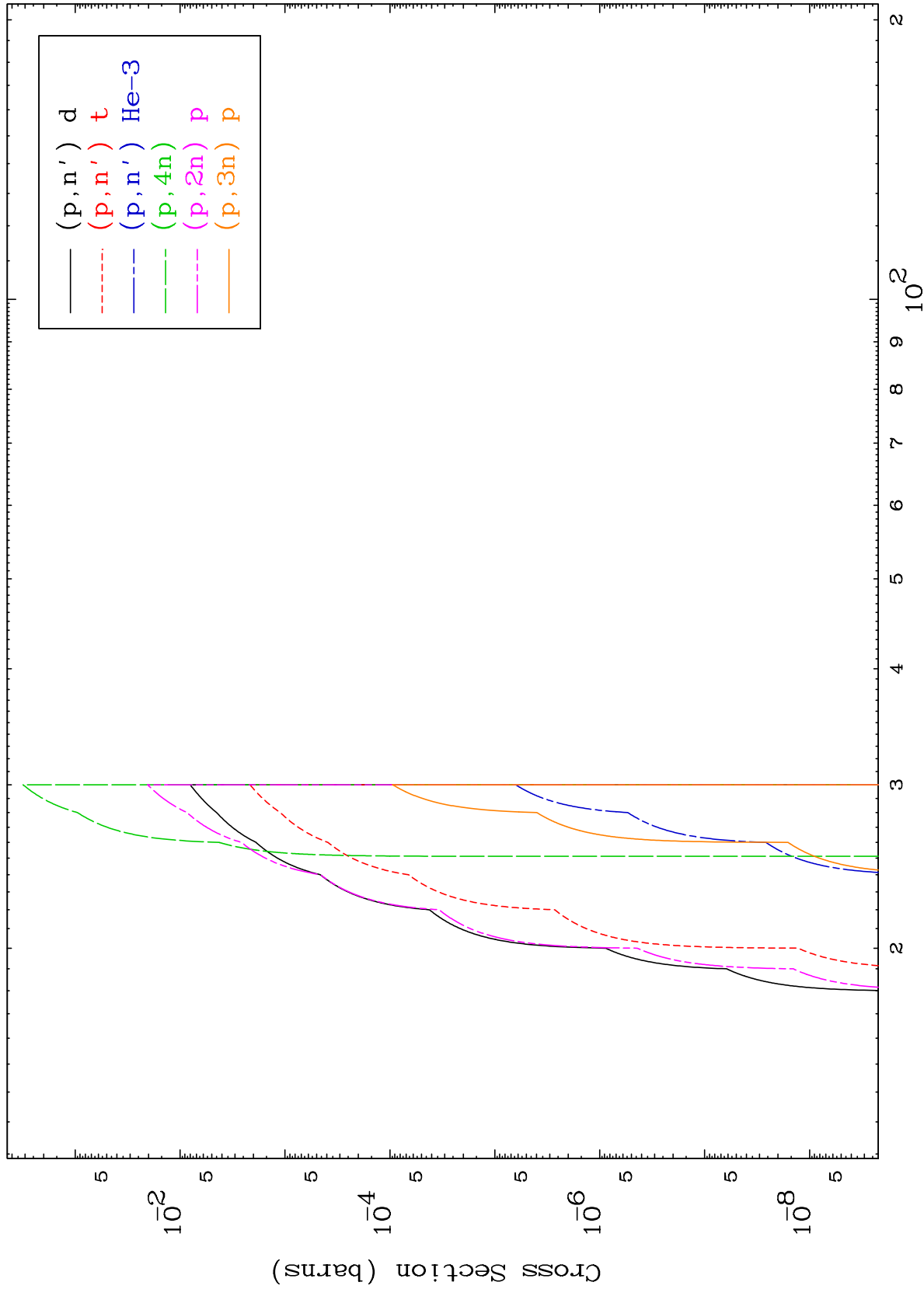
79-Au-196

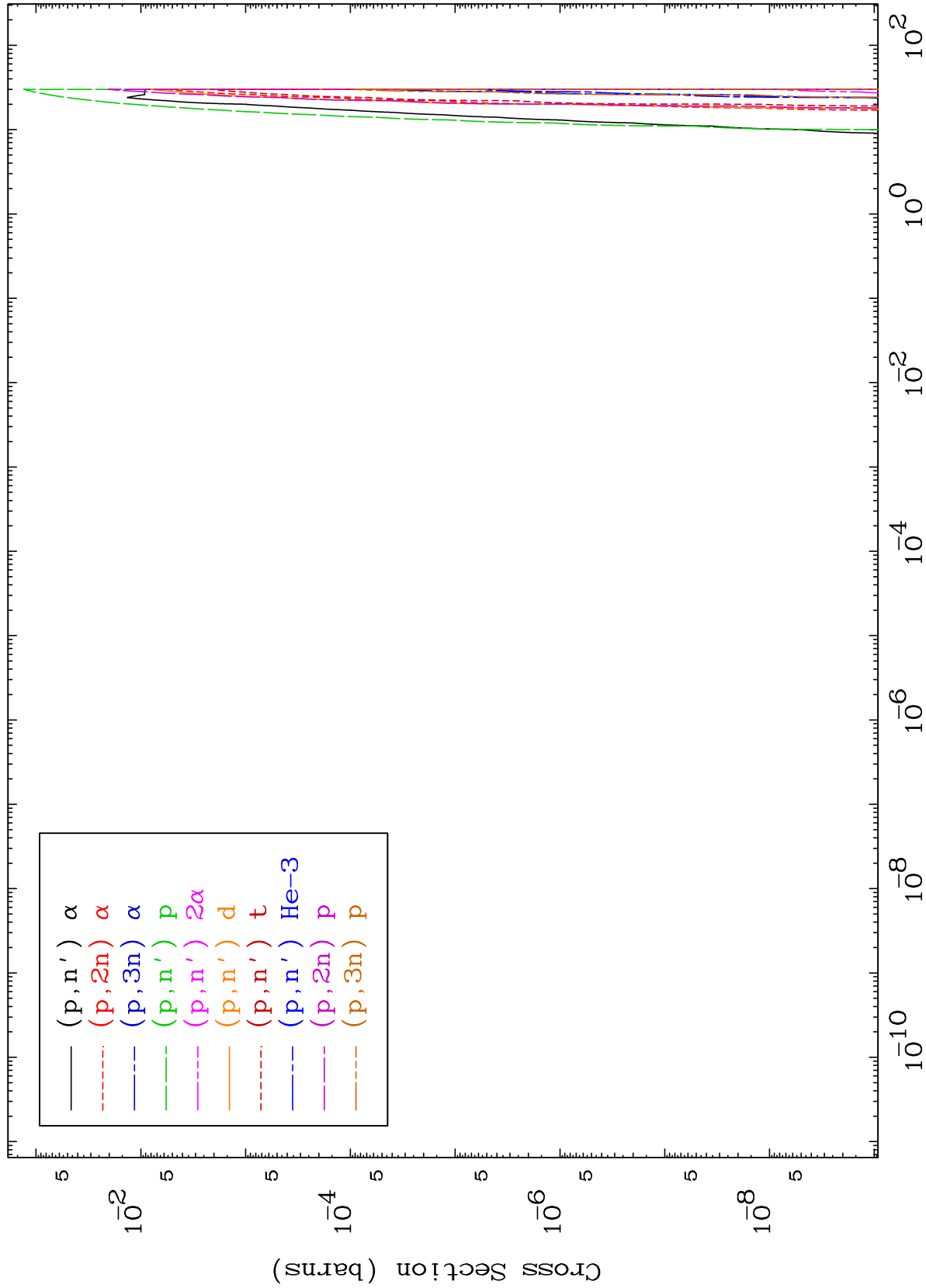


2

Incident Energy (MeV)

79-Au-196

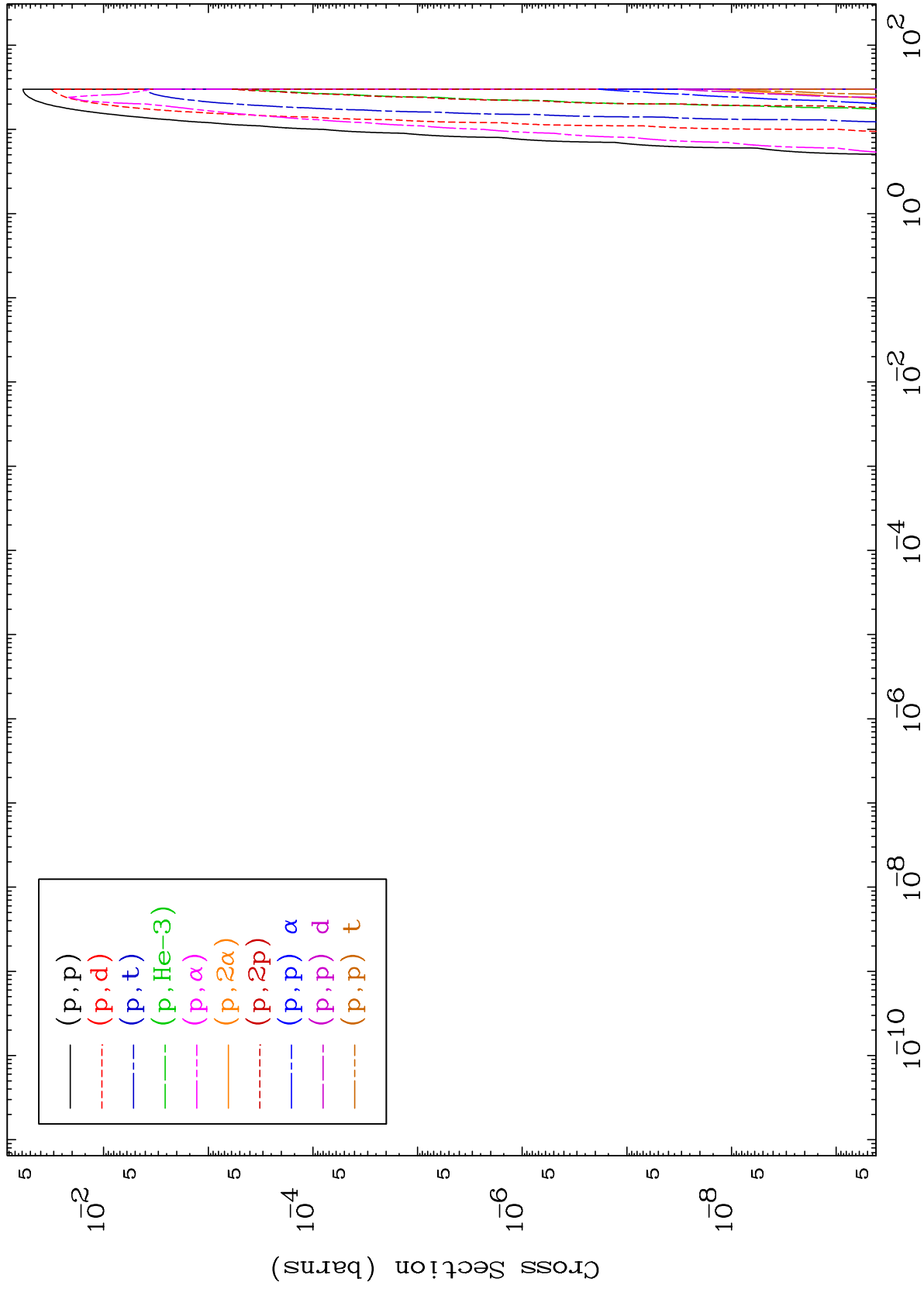




MAT 7923

Proton Charged Particle
0 Kelvin Cross Sections

79-Au-196



5

Incident Energy (MeV)

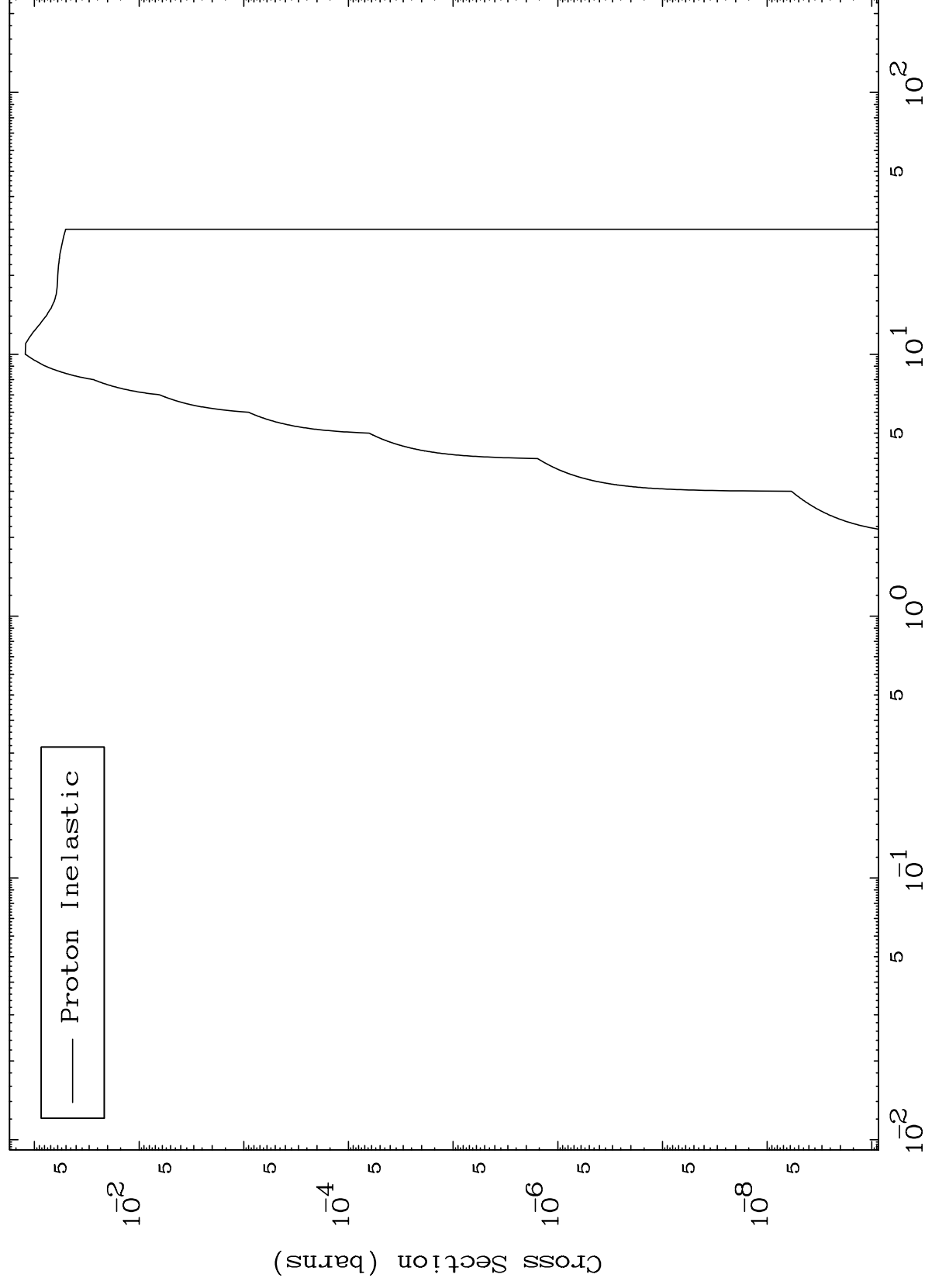
79-Au-196

MAT 7923

(p,n') Level

79-AU-196

0 Kelvin Cross Sections



6

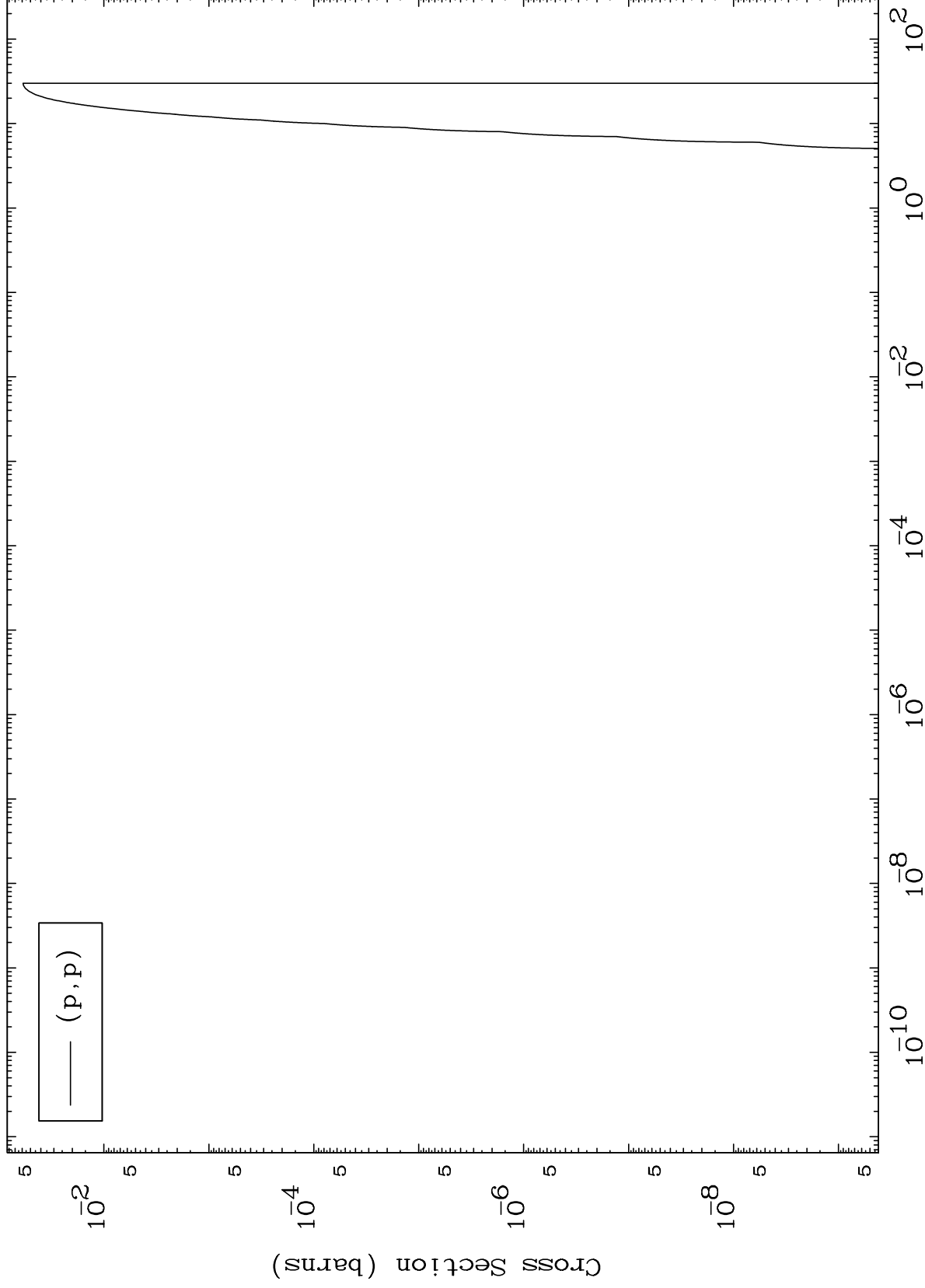
Incident Energy (MeV)

79-Au-196

MAT 7923

(p,p) Levels
0 Kelvin Cross Sections

79-Au-196



7

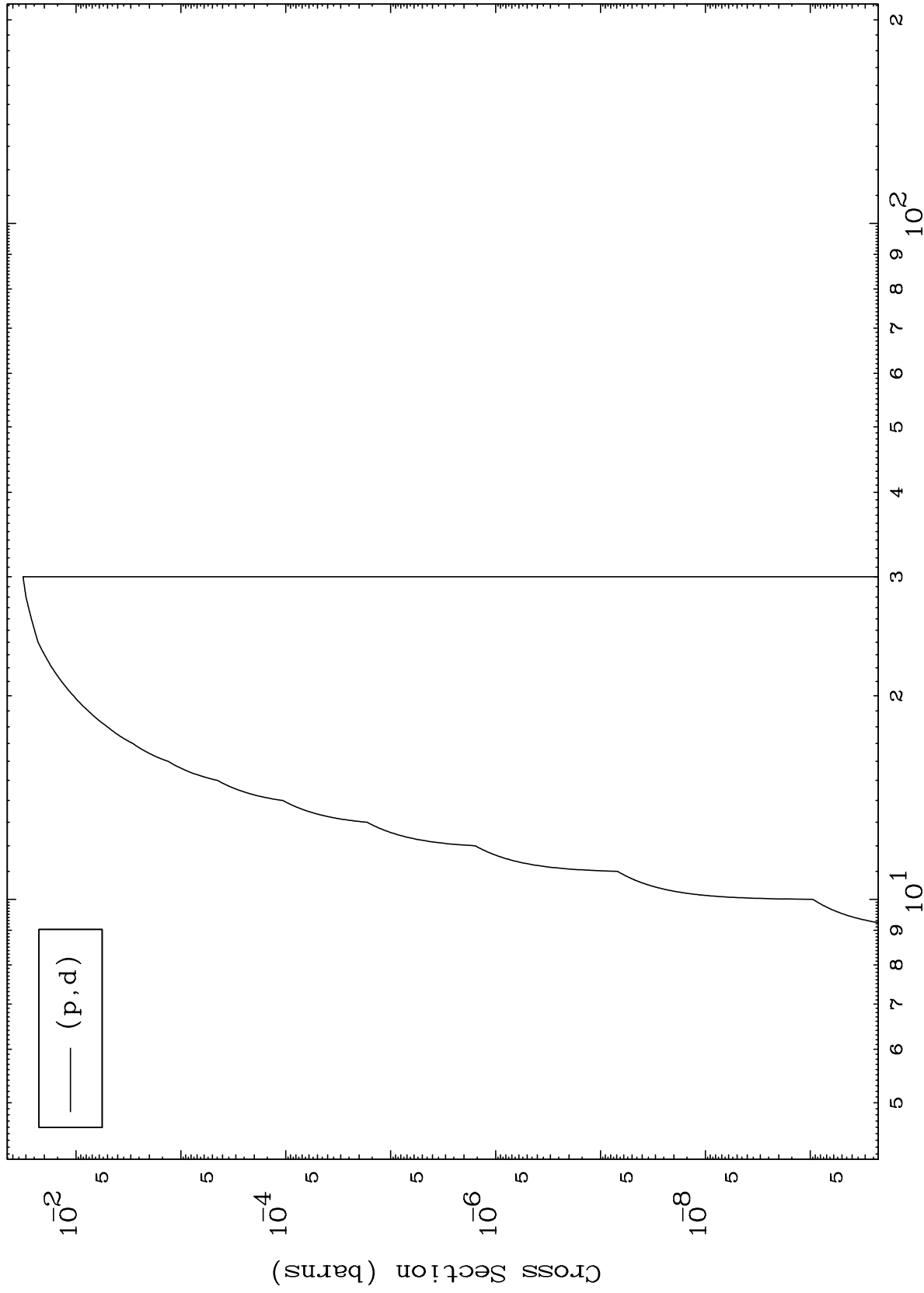
Incident Energy (MeV)

79-Au-196

MAT 7923

79-Au-196

(p,d) Levels
0 Kelvin Cross Sections



8

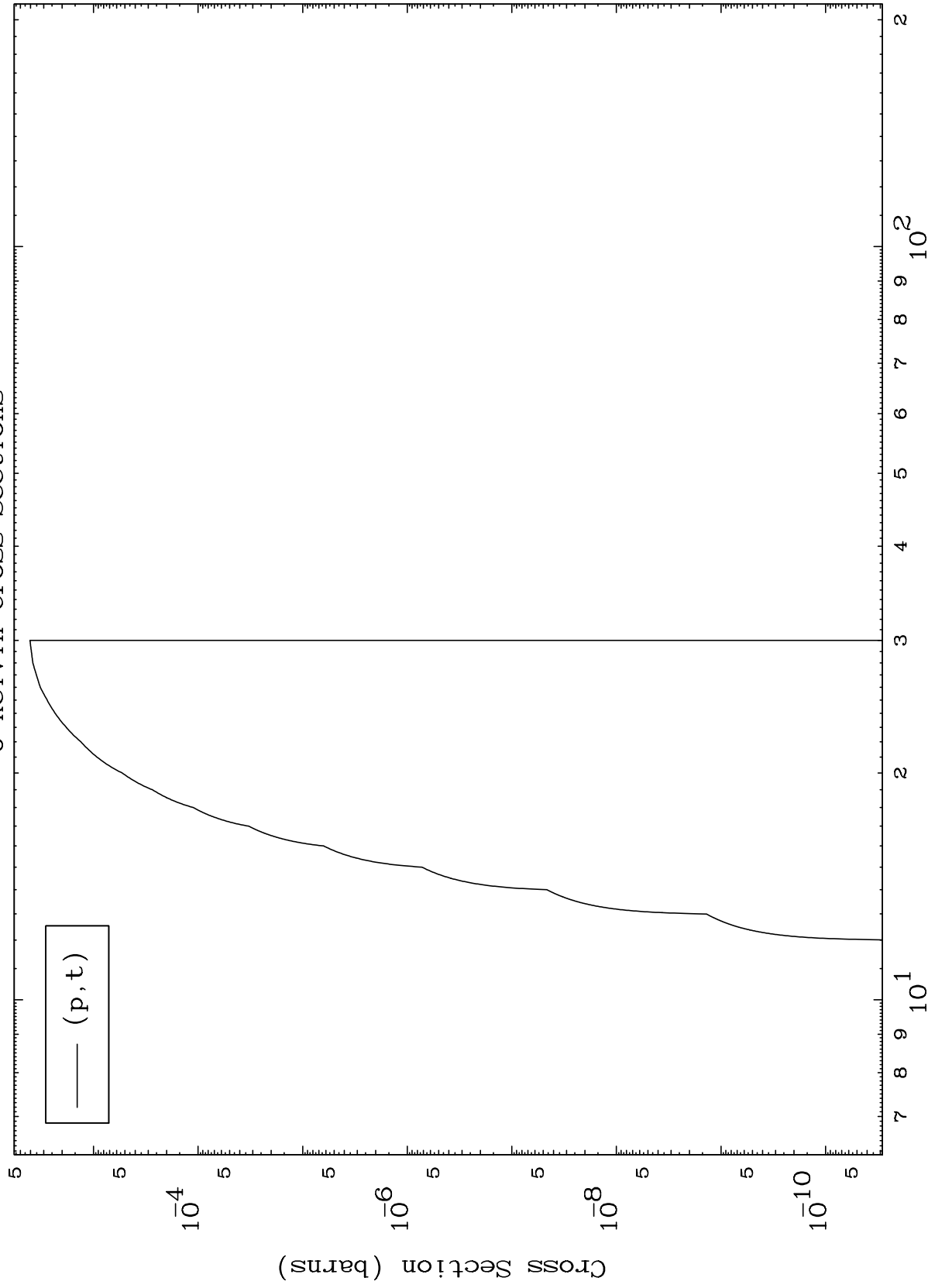
Incident Energy (MeV)

79-Au-196

MAT 7923

79-Au-196

(p,t) Levels
0 Kelvin Cross Sections



9

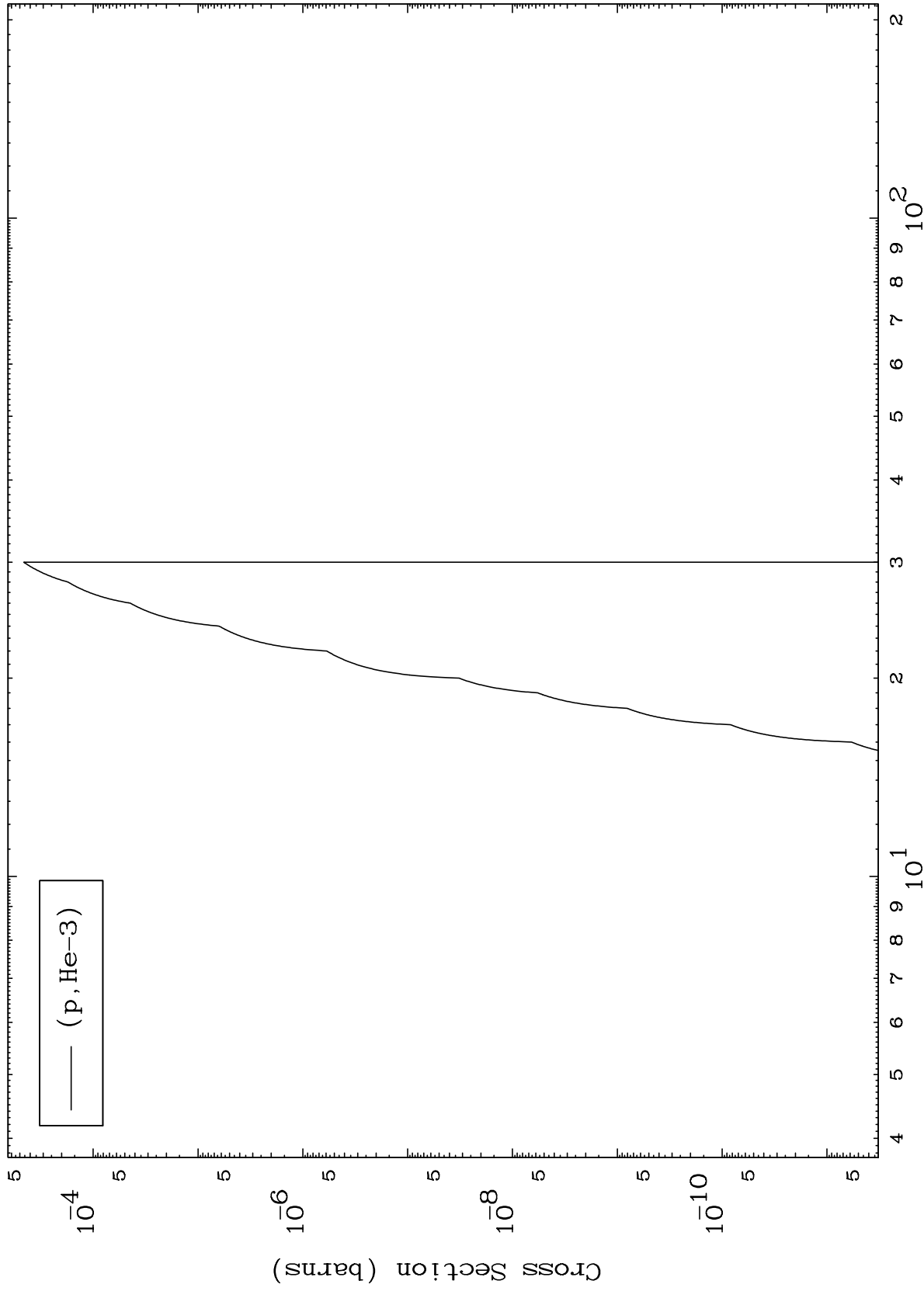
Incident Energy (MeV)

79-Au-196

MAT 7923

79-Au-196

(p,He3) Levels
0 Kelvin Cross Sections



10

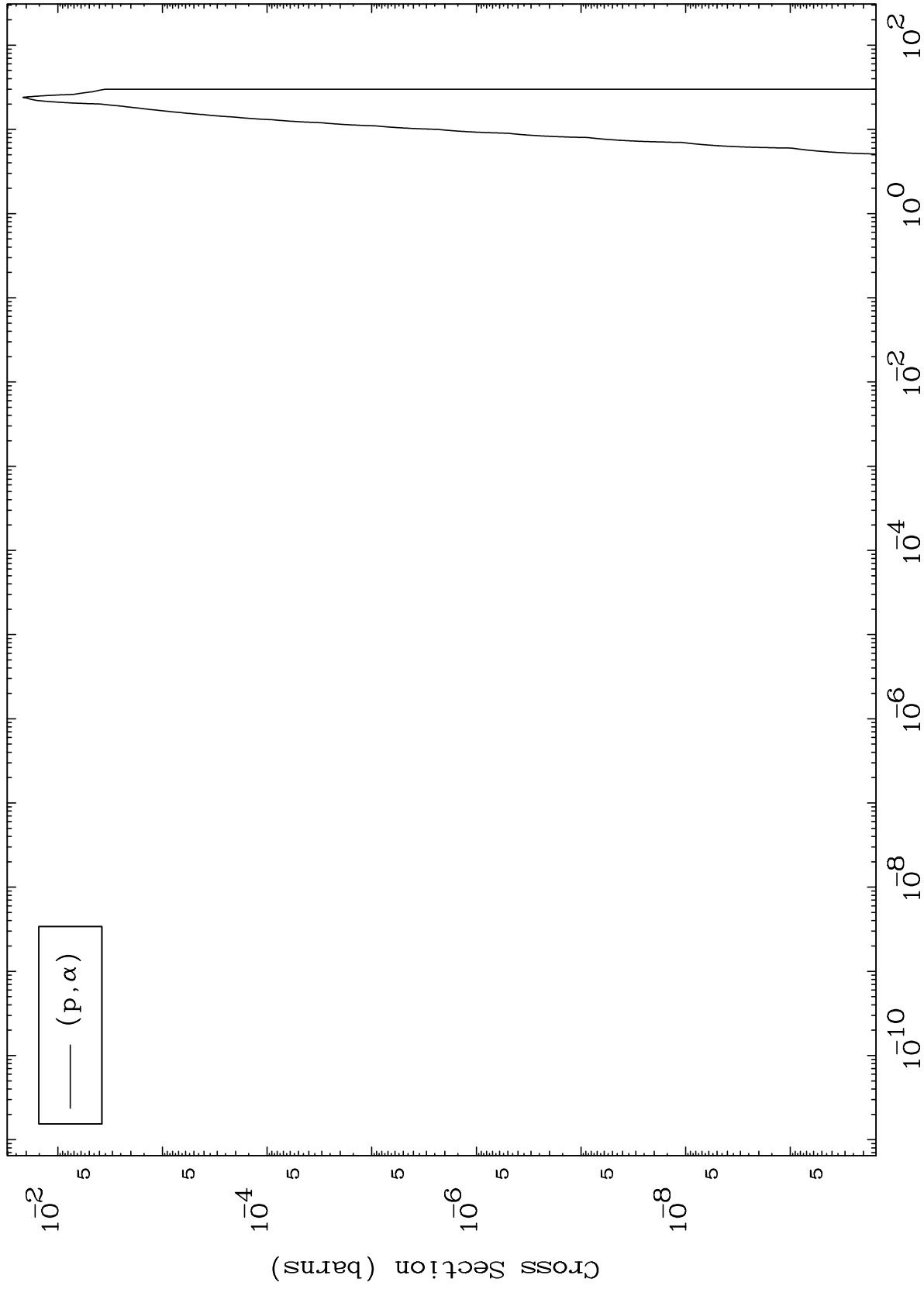
Incident Energy (MeV)

79-Au-196

MAT 7923

(p, α) Levels
0 Kelvin Cross Sections

79-Au-196



11

Incident Energy (MeV)

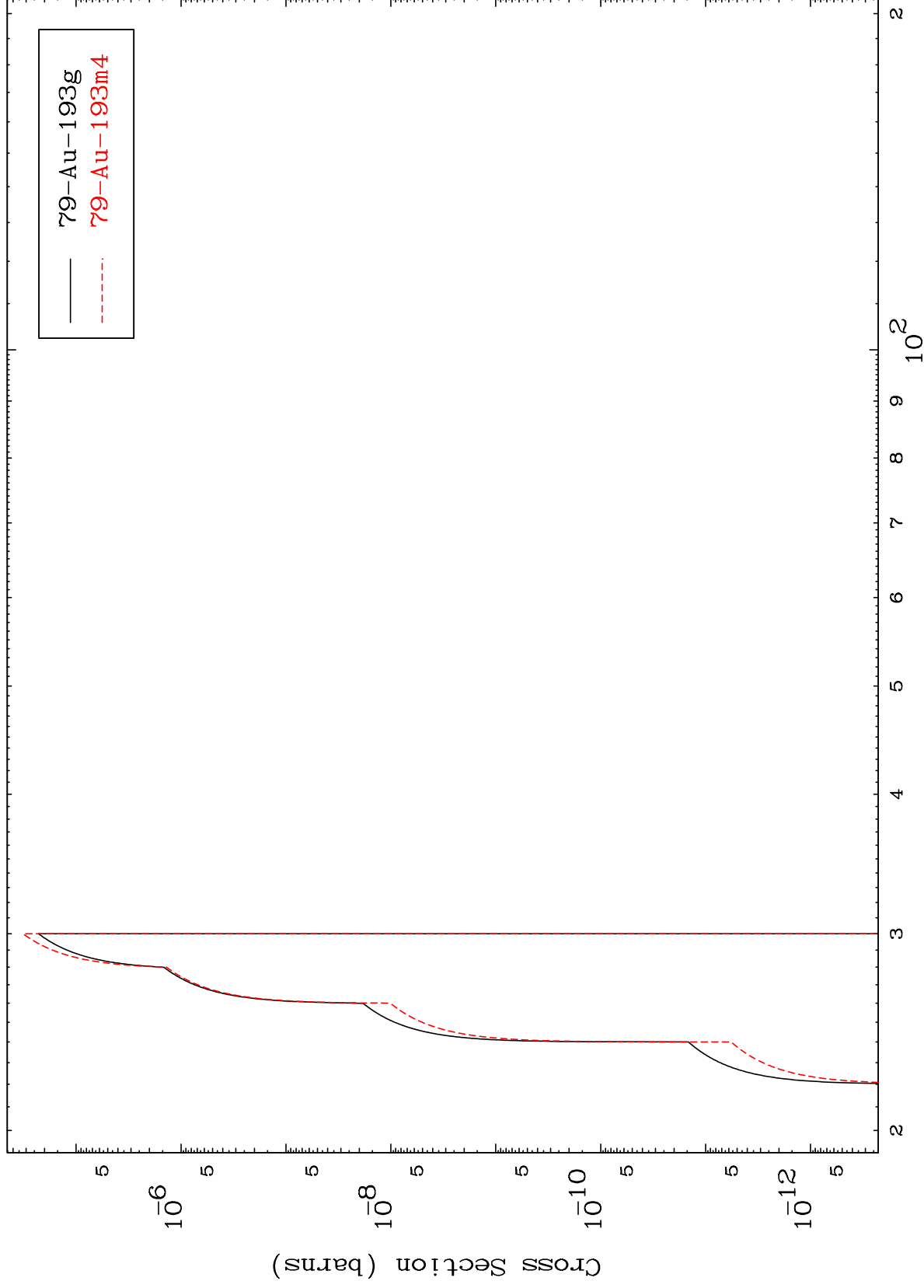
79-Au-196

MAT 7923

(p,2n) d

⁷⁹Au-¹⁹⁶

Radionuclide Production Cross Section



12

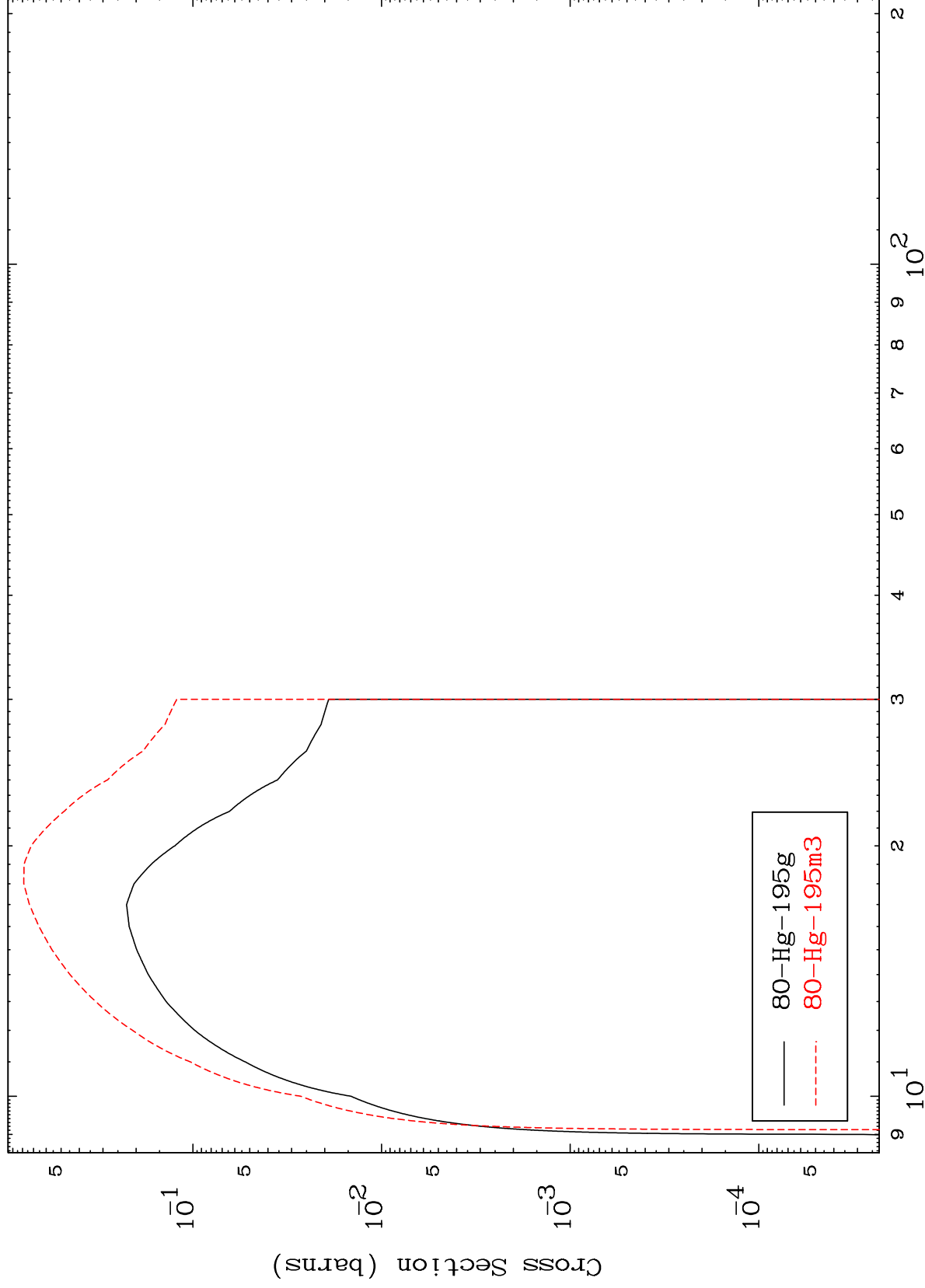
Incident Energy (MeV)

⁷⁹Au-¹⁹⁶

MAT 7923

79-Au-196

(p,2n)
Radionuclide Production Cross Section



13

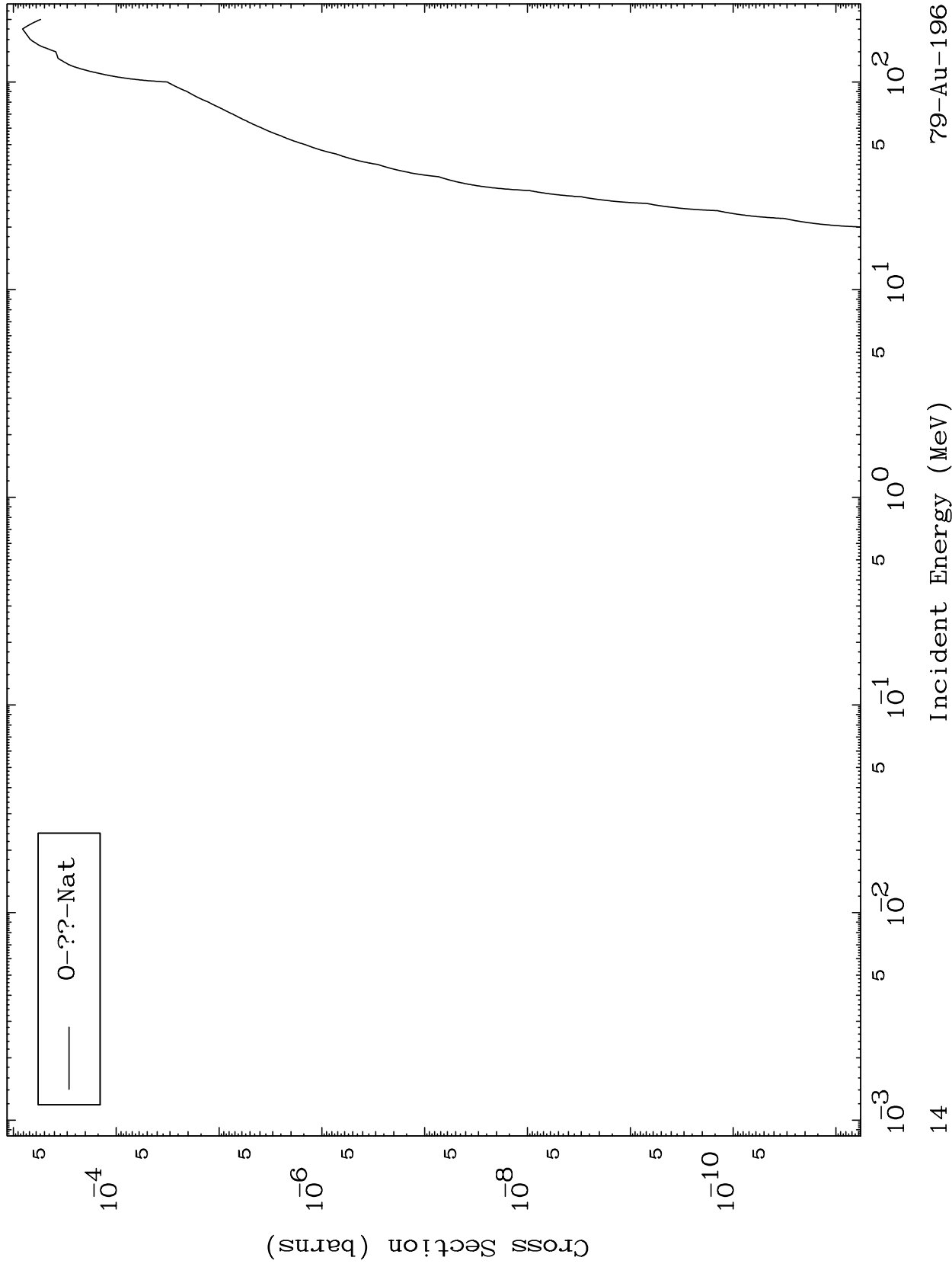
Incident Energy (MeV)

79-Au-196

MAT 7923

Proton Fission
Radionuclide Production Cross Section

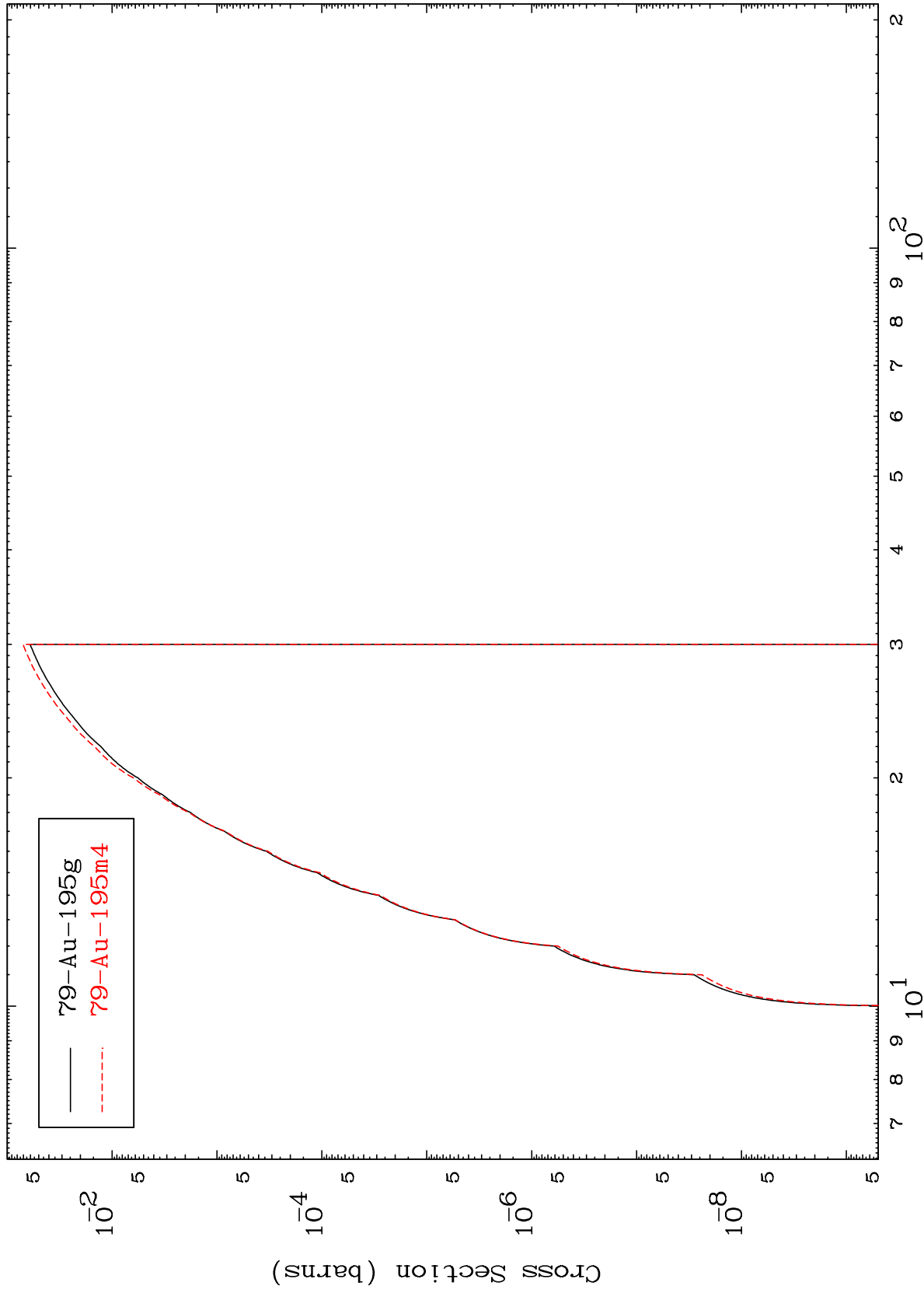
79-Au-196



MAT 7923

⁷⁹Au-196

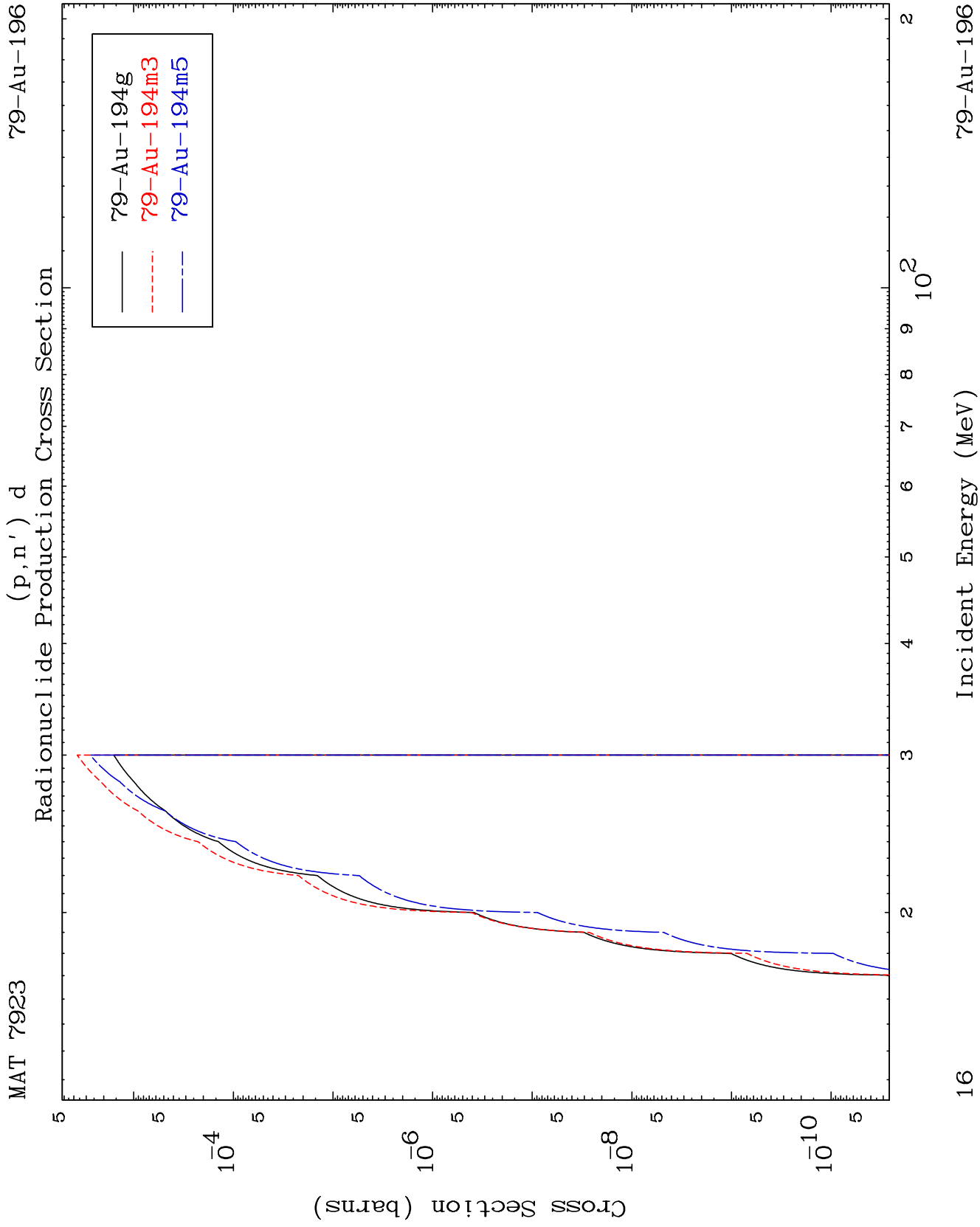
(p,n') p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁷⁹Au-196

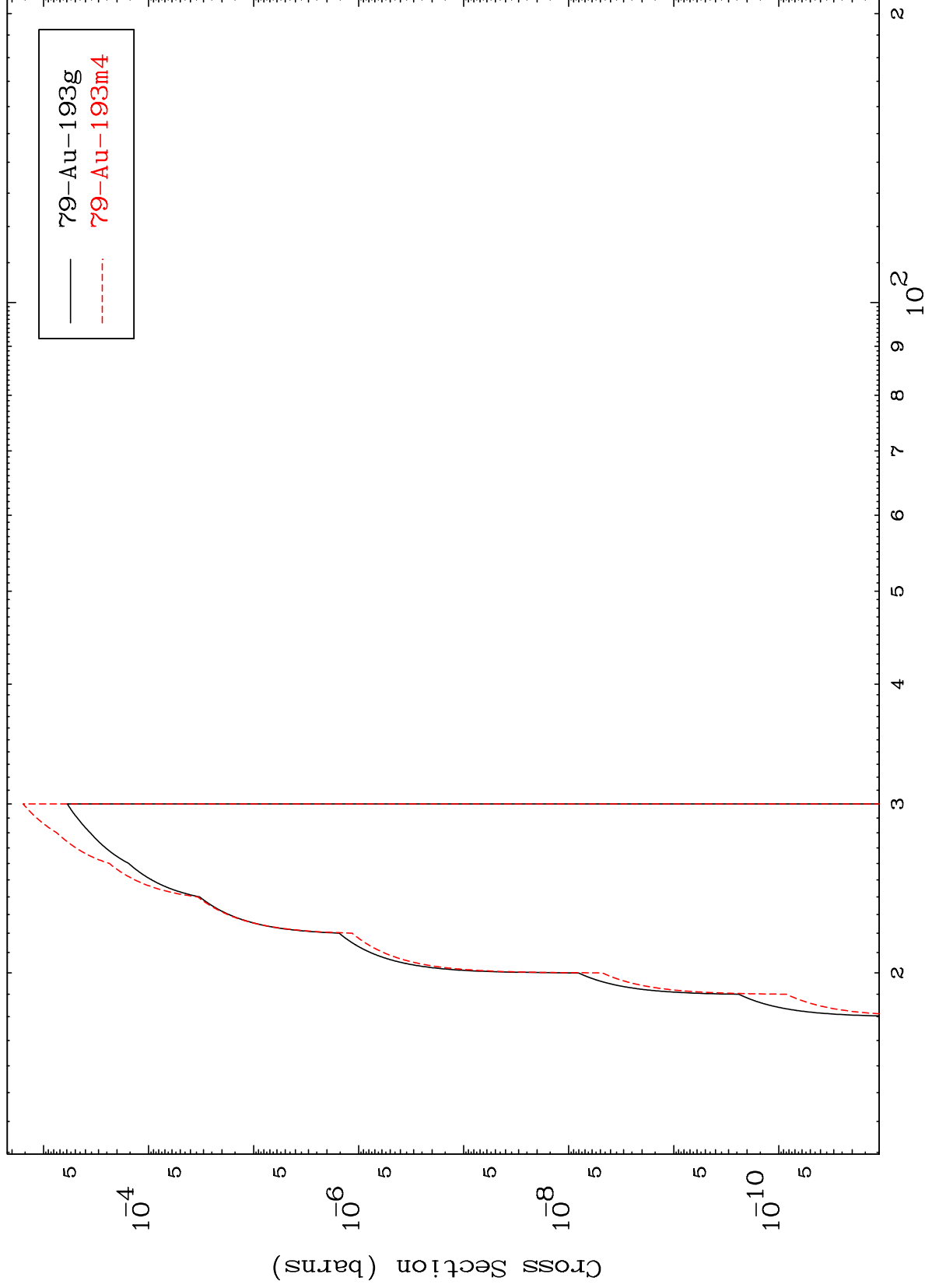


MAT 7923

(p,n') t

⁷⁹Au-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

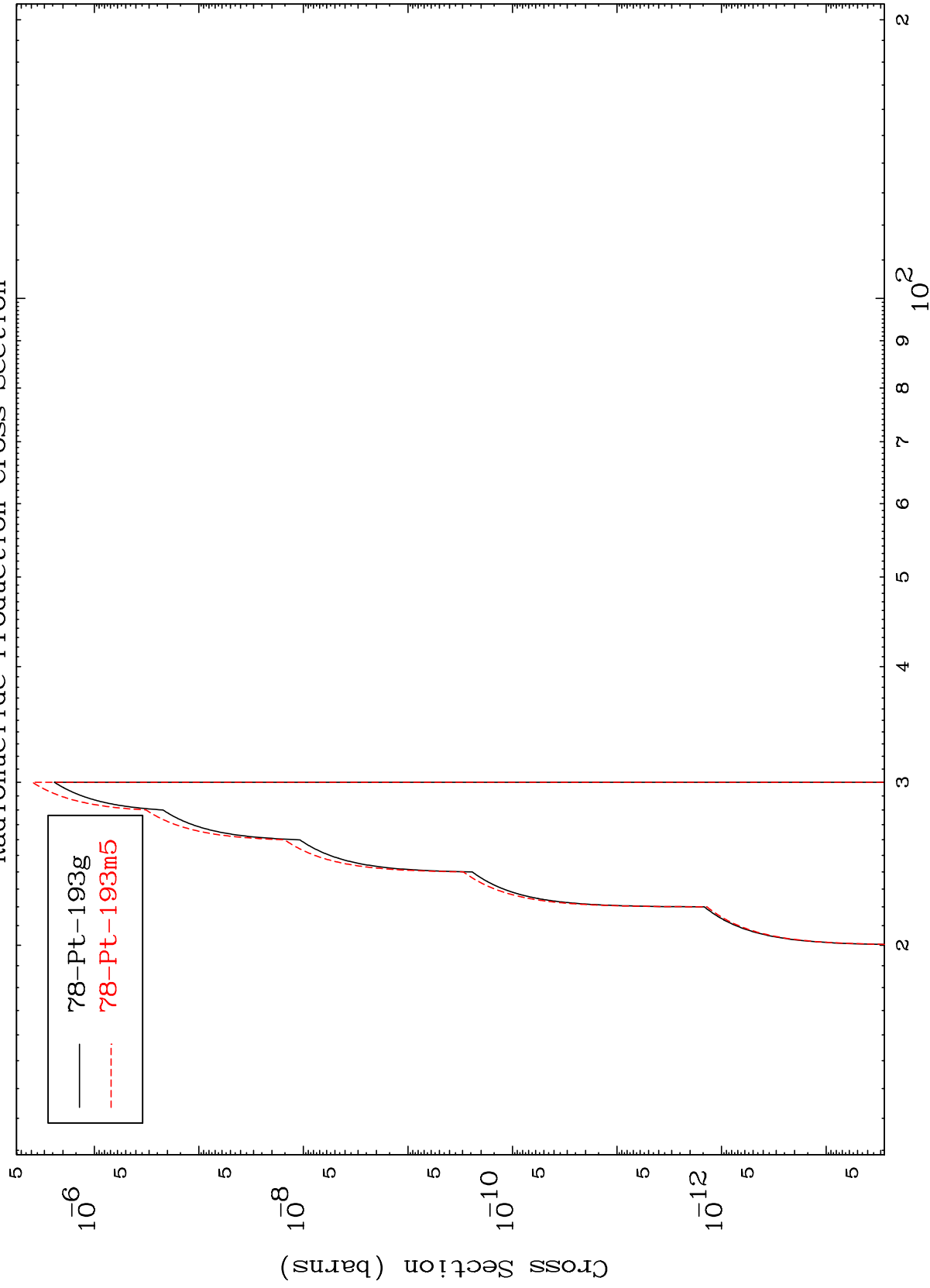
⁷⁹Au-196

MAT 7923

(p,n') He-3

79-Au-196

Radionuclide Production Cross Section



18

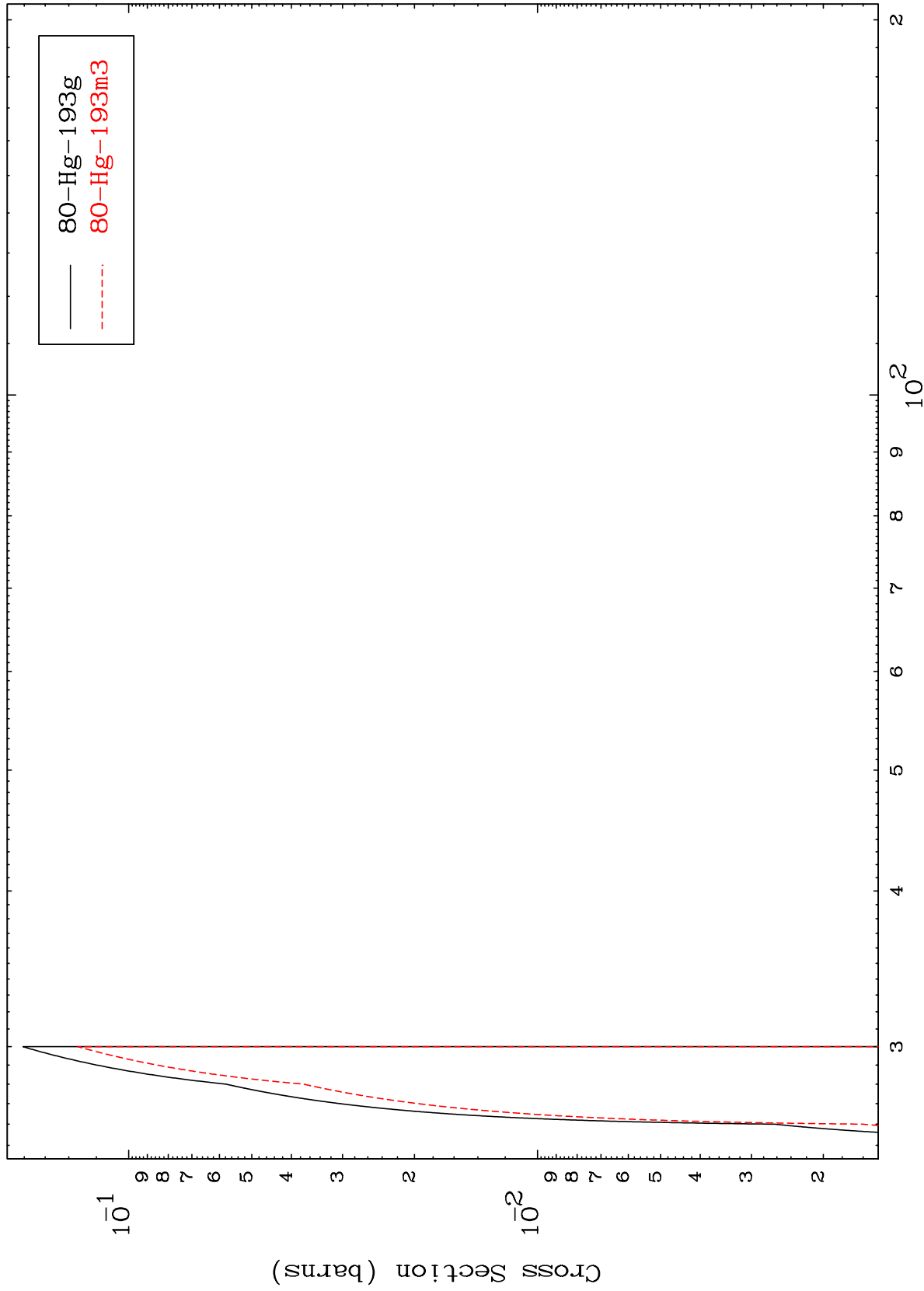
Incident Energy (MeV)

79-Au-196

MAT 7923

79-Au-196

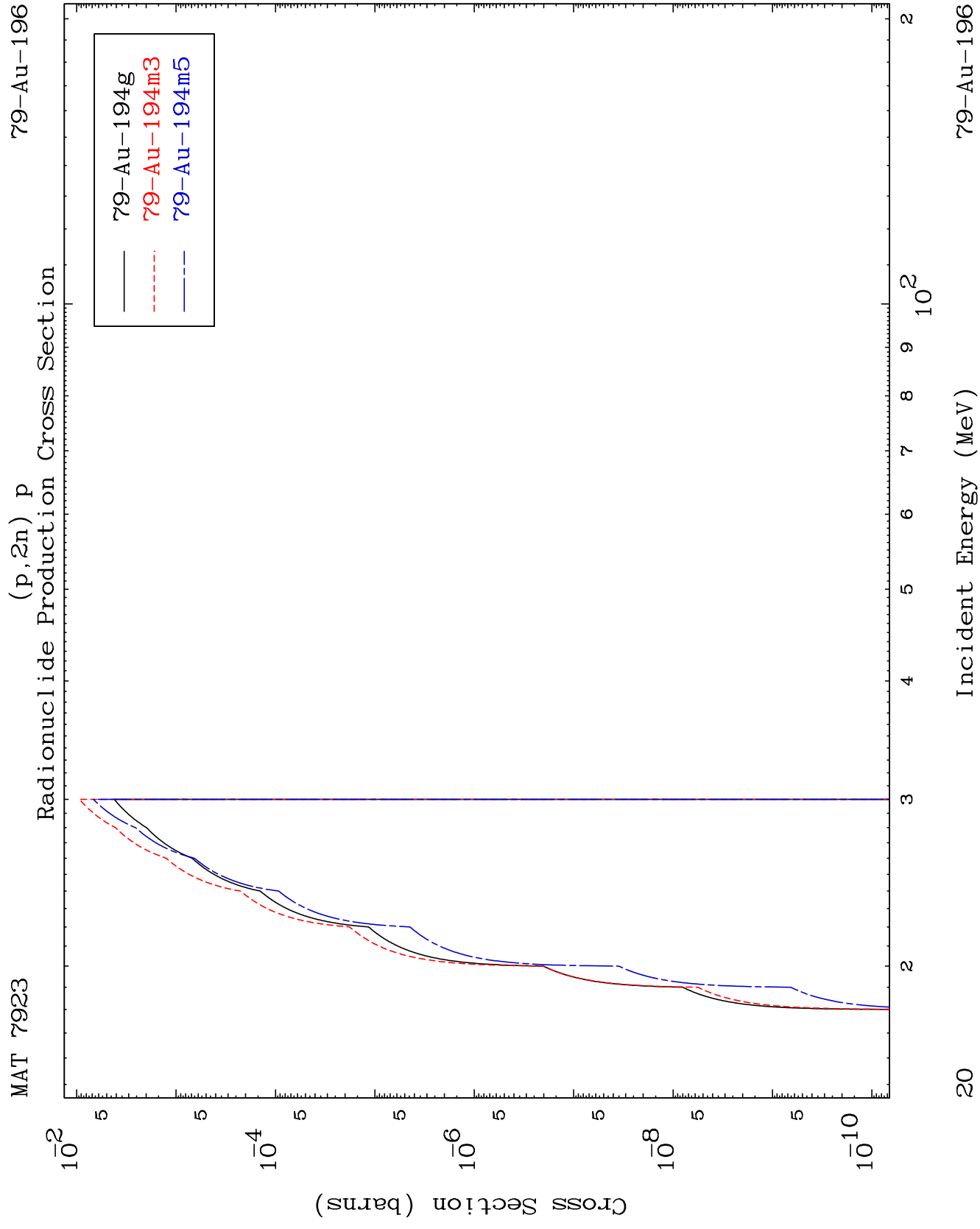
(p,4n)
Radionuclide Production Cross Section



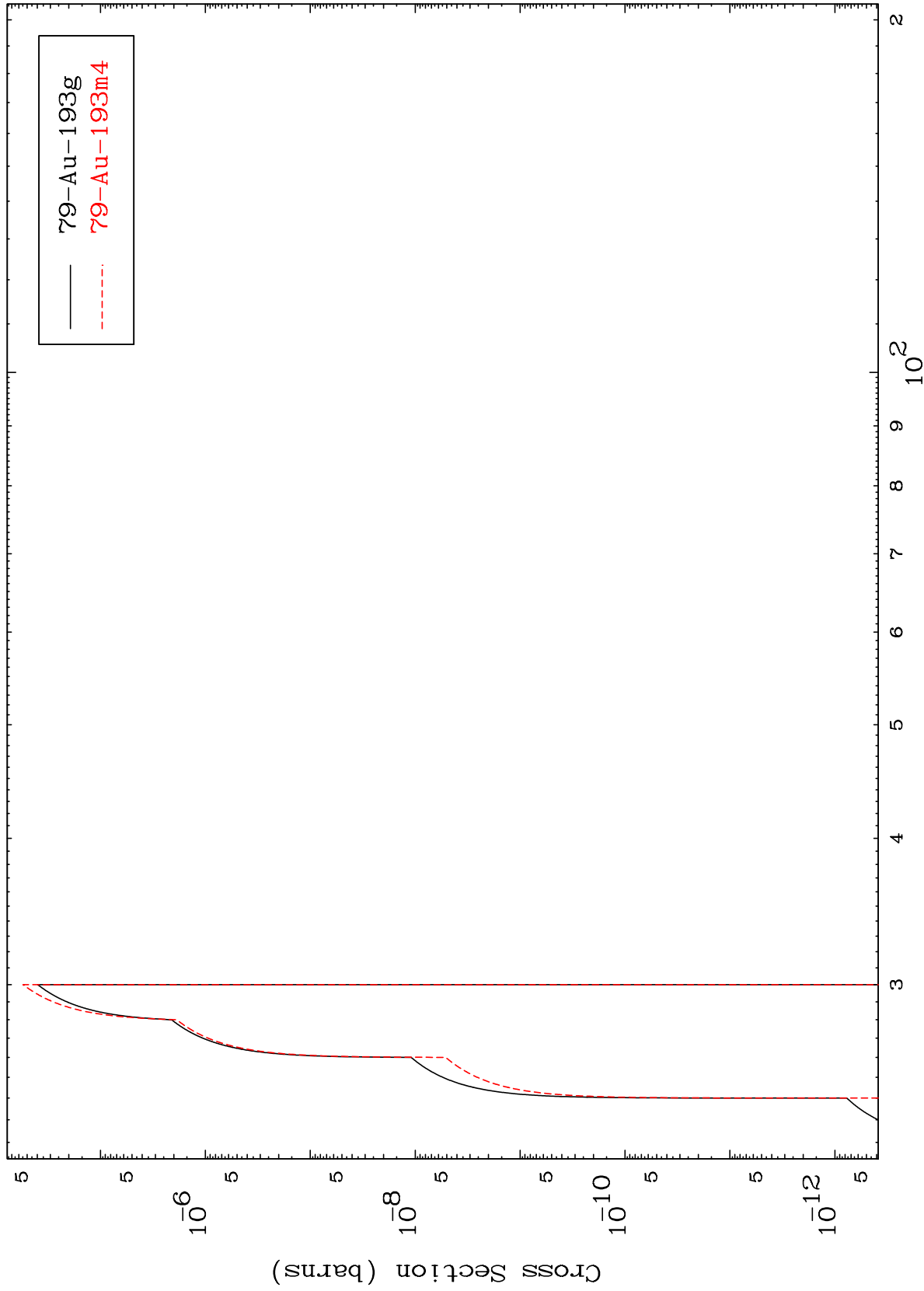
19

Incident Energy (MeV)

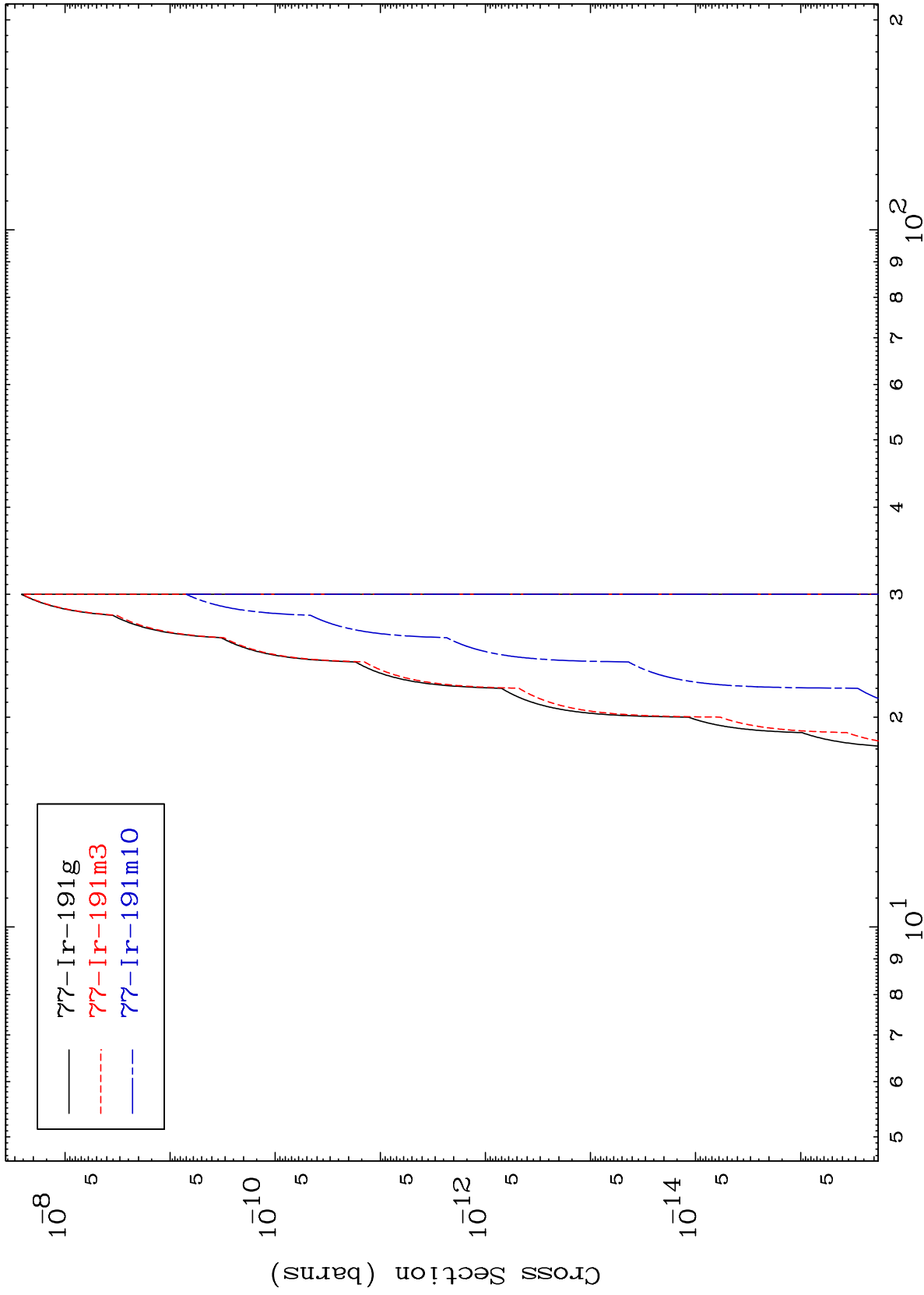
79-Au-196



(p,3n) p
Radionuclide Production Cross Section



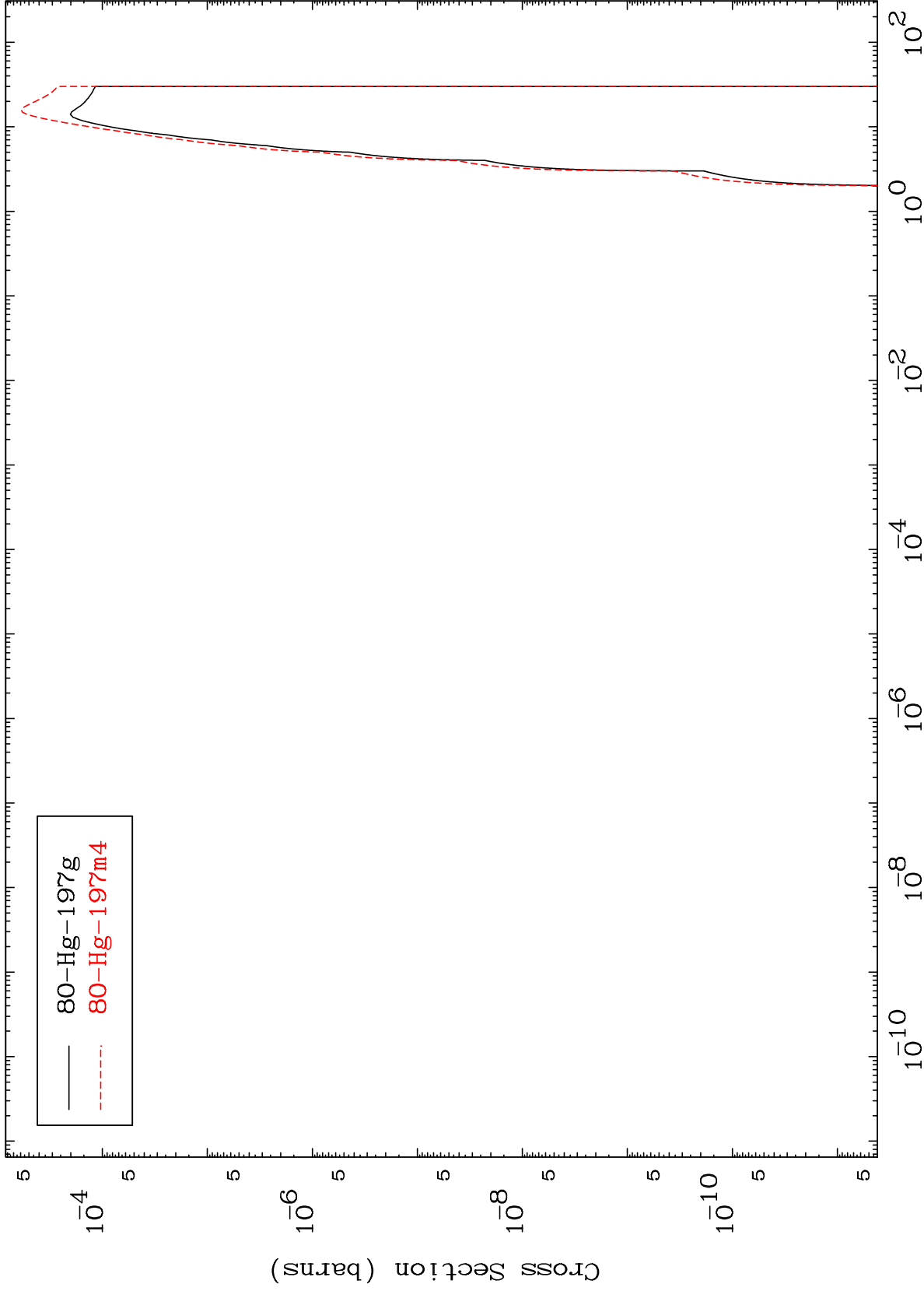
(p,n') p α
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(p, γ)

⁷⁹Au-196



23

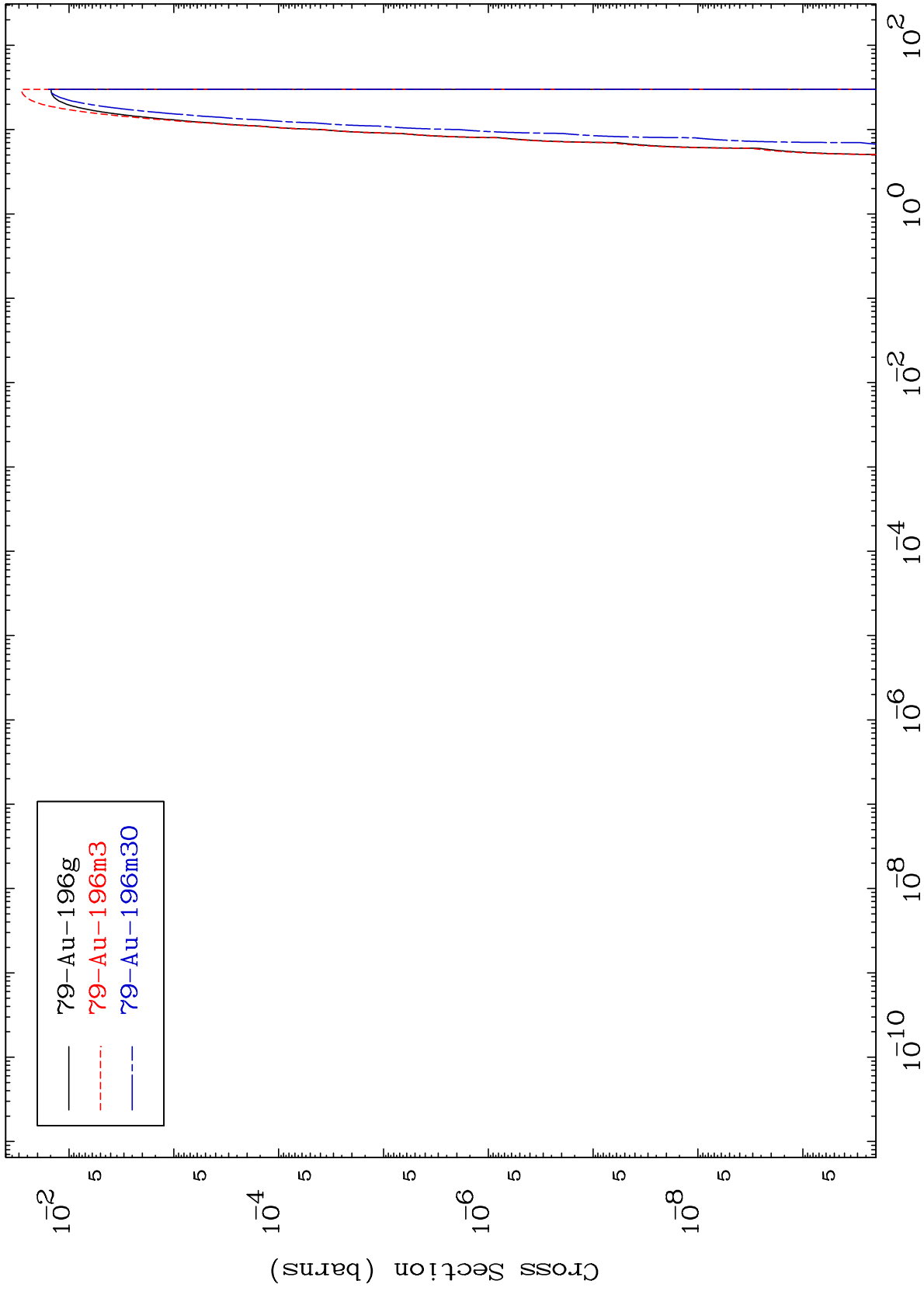
Incident Energy (MeV)

⁷⁹Au-196

MAT 7923

Radionuclide Production Cross Section
(p,p)

⁷⁹Au-196



24

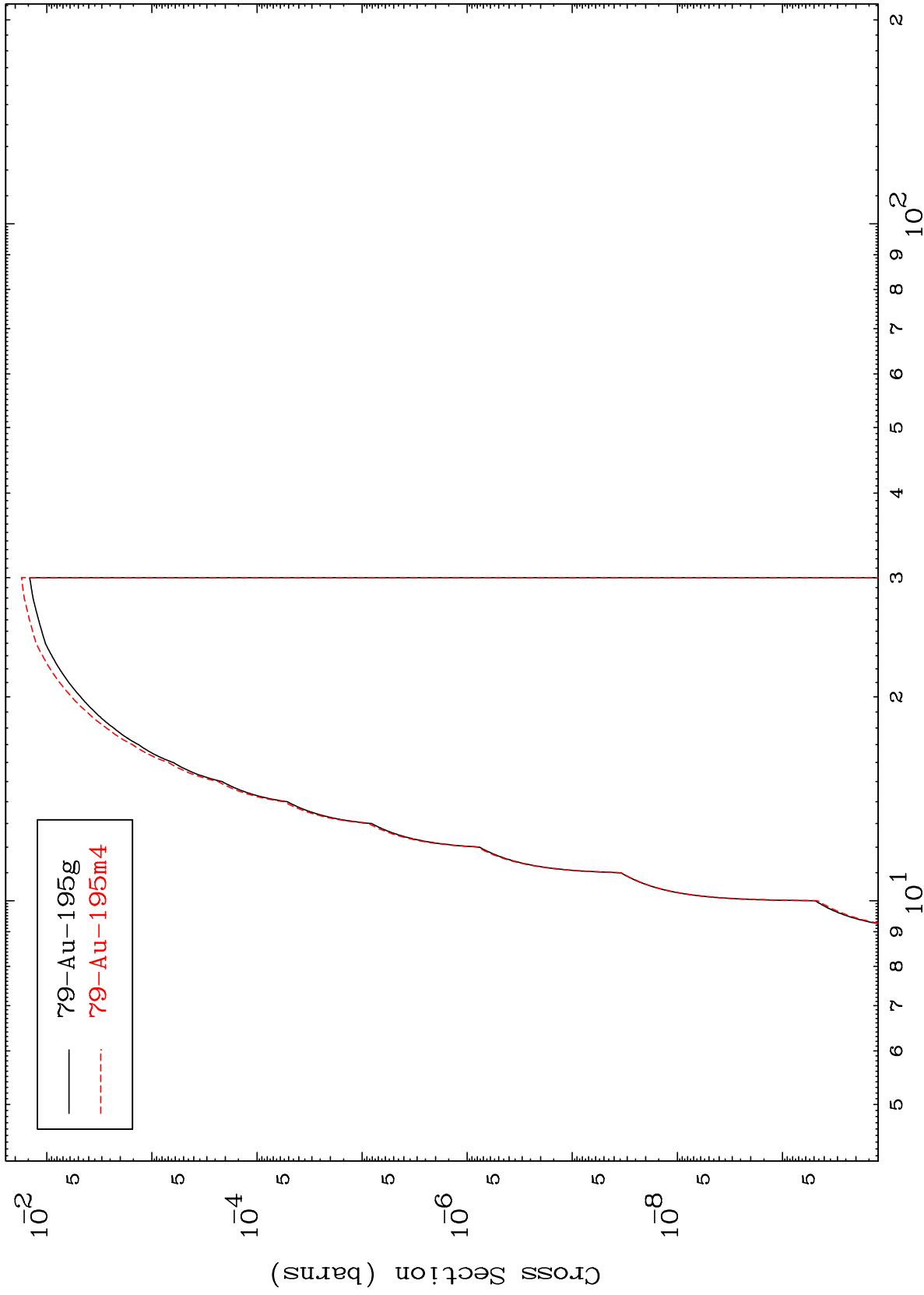
Incident Energy (MeV)

⁷⁹Au-196

MAT 7923

79-Au-196

Radionuclide Production Cross Section (p,d)



25

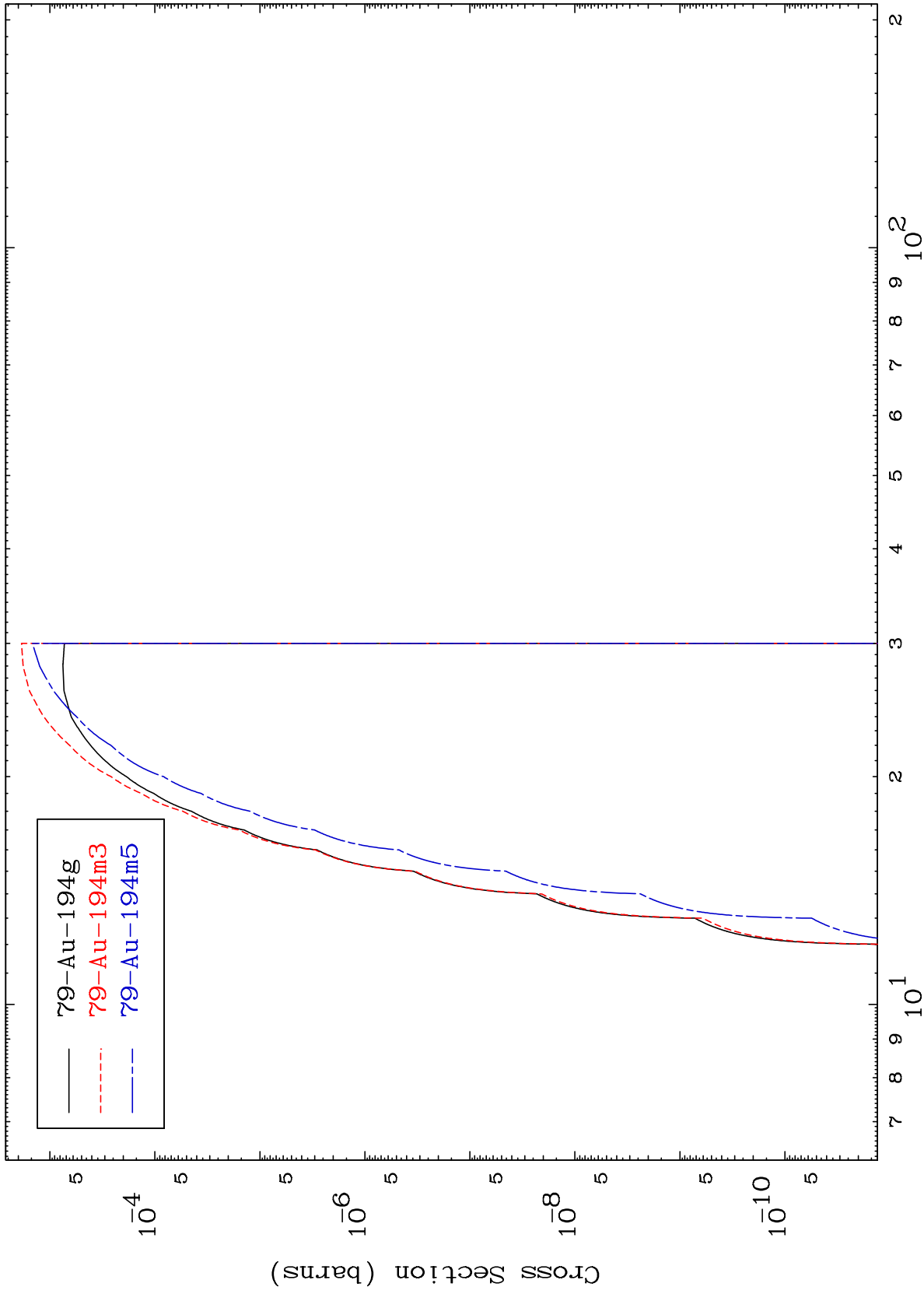
Incident Energy (MeV)

79-Au-196

MAT 7923

79-Au-196

Radionuclide Production Cross Section



26

Incident Energy (MeV)

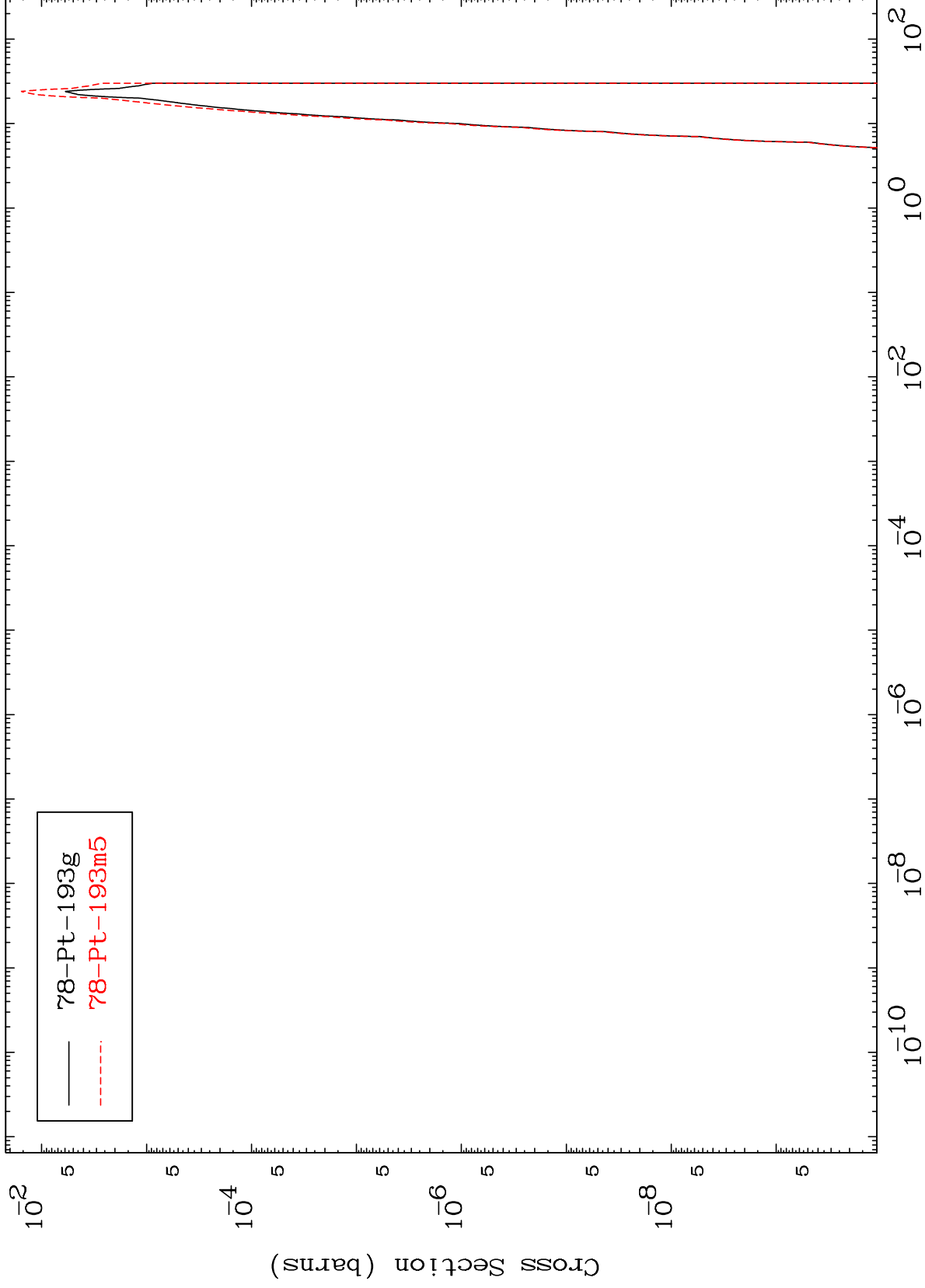
79-Au-196

MAT 7923

(p, α)

79-Au-196

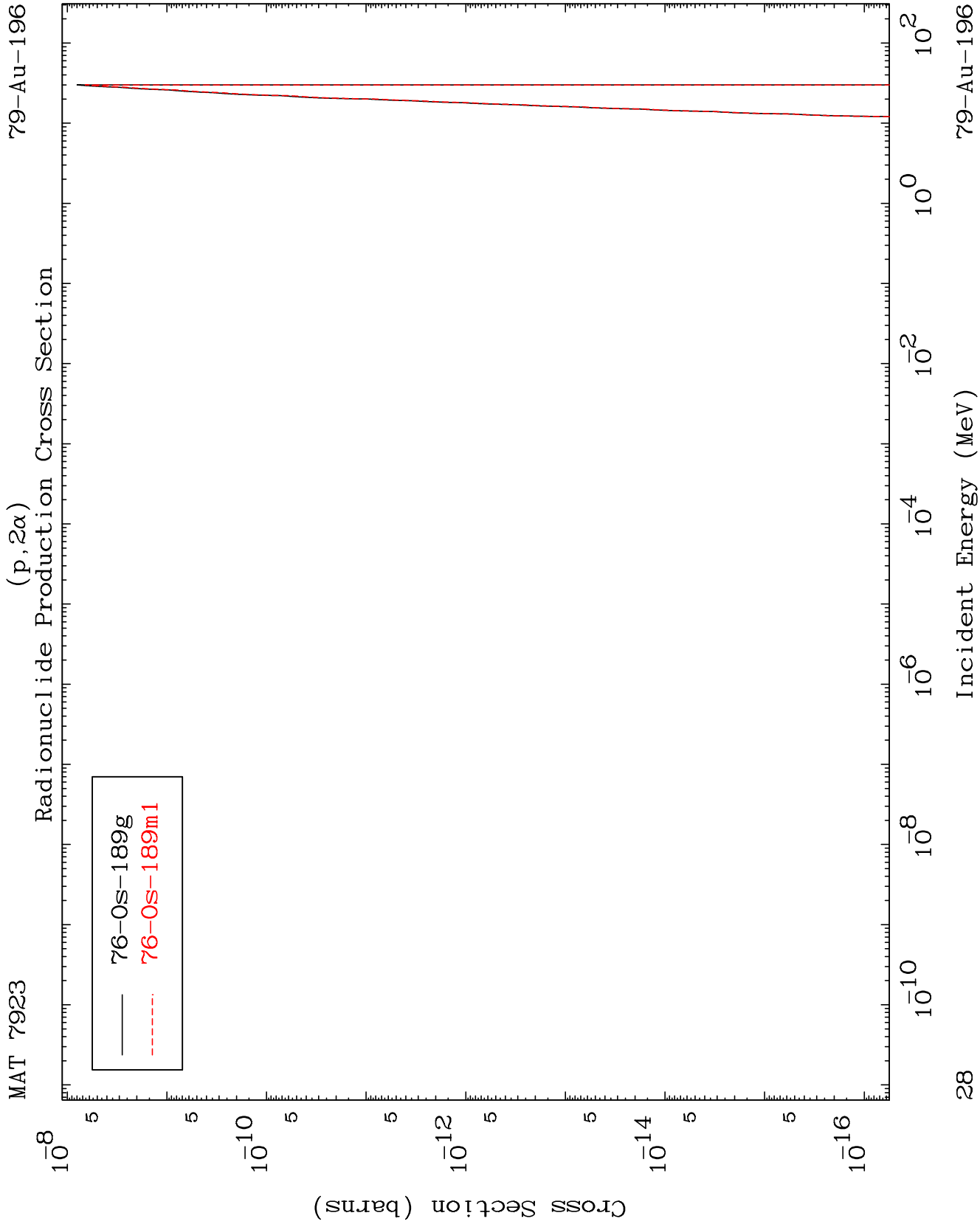
Radionuclide Production Cross Section



27

Incident Energy (MeV)

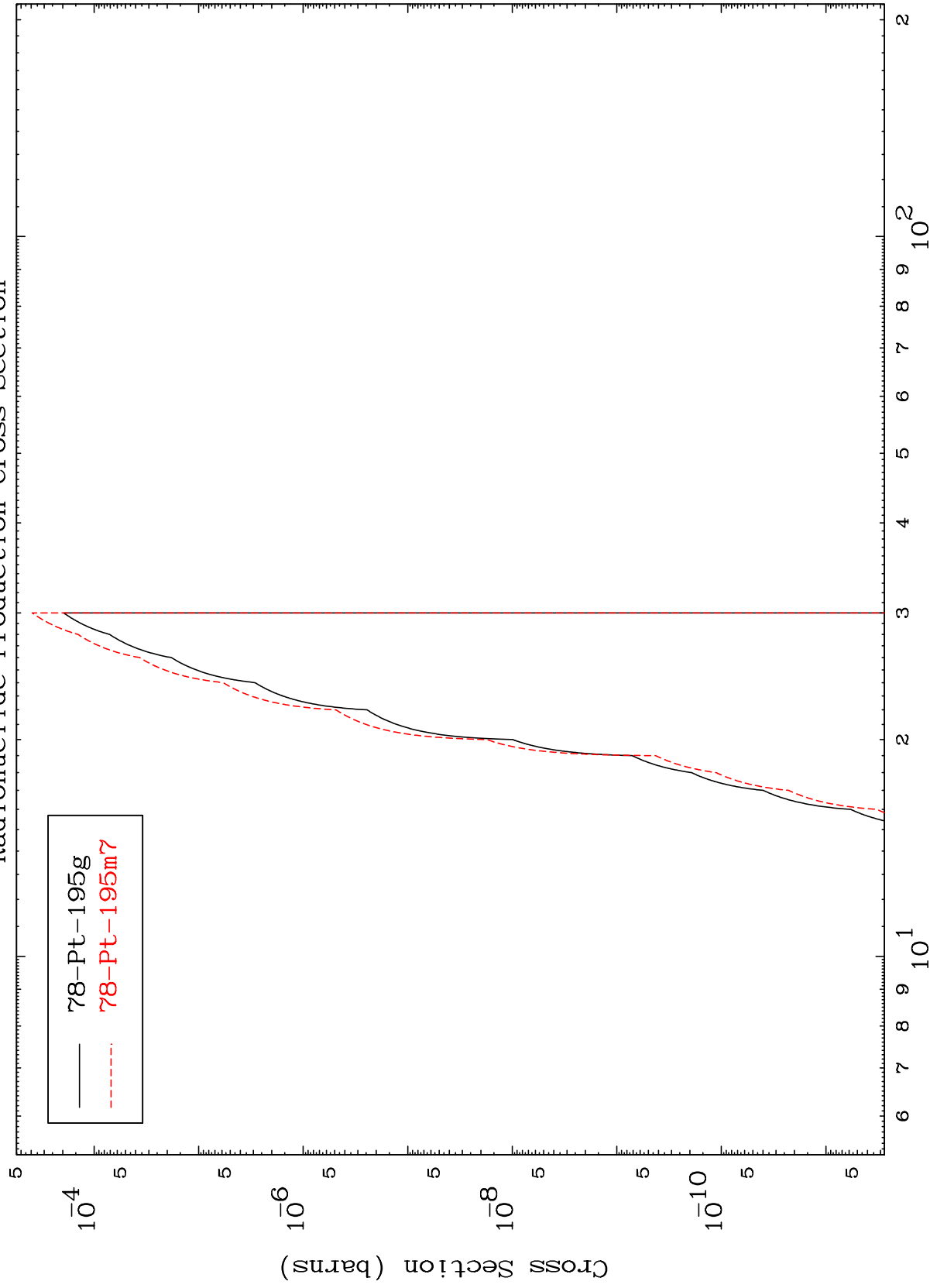
79-Au-196



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79-Au-196

Radionuclide Production Cross Section (p,2p)



29

Incident Energy (MeV)

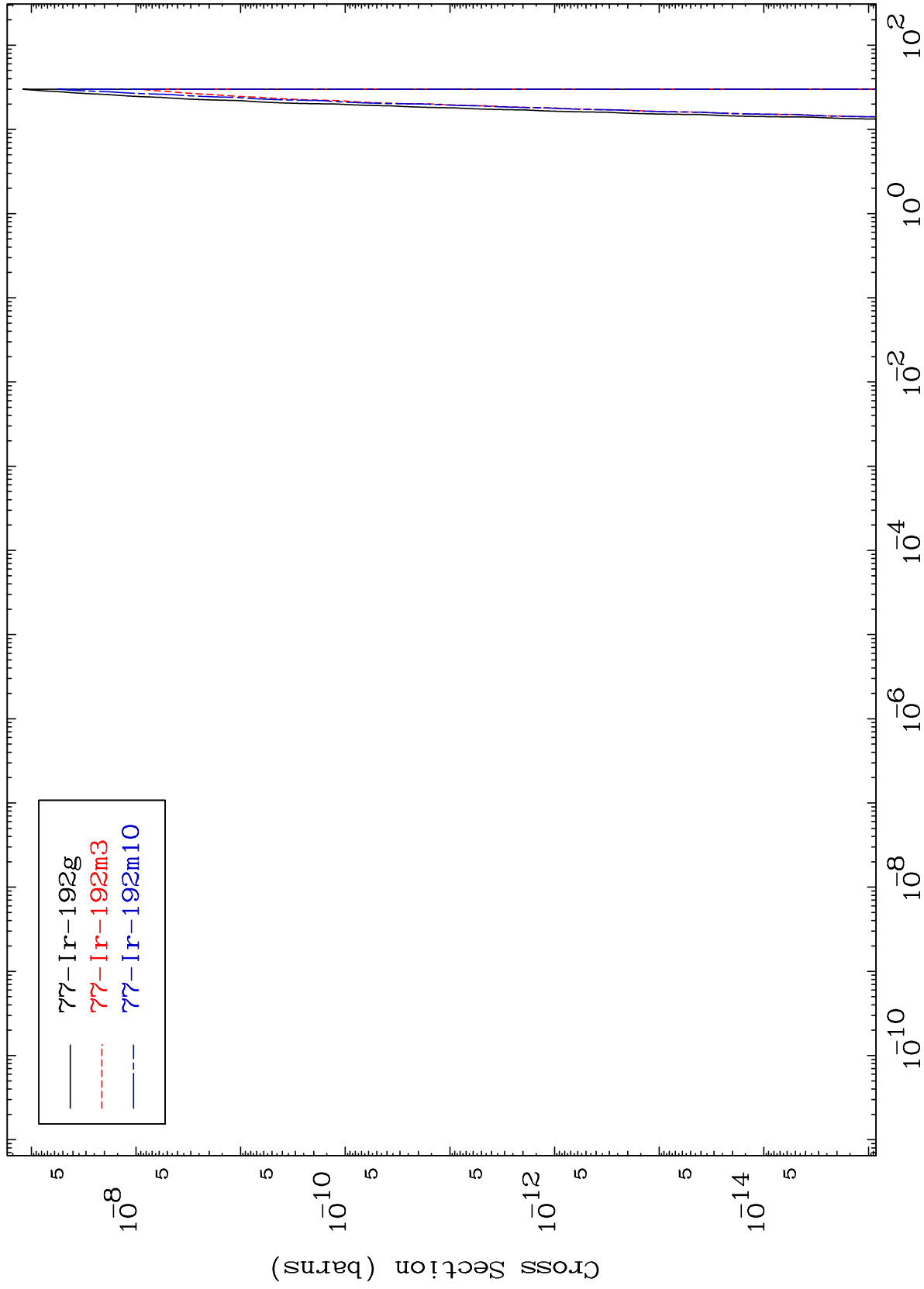
79-Au-196

MAT 7923

(p,p) α

⁷⁹Au-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

⁷⁹Au-196

Radionuclide Production Cross Section

