

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

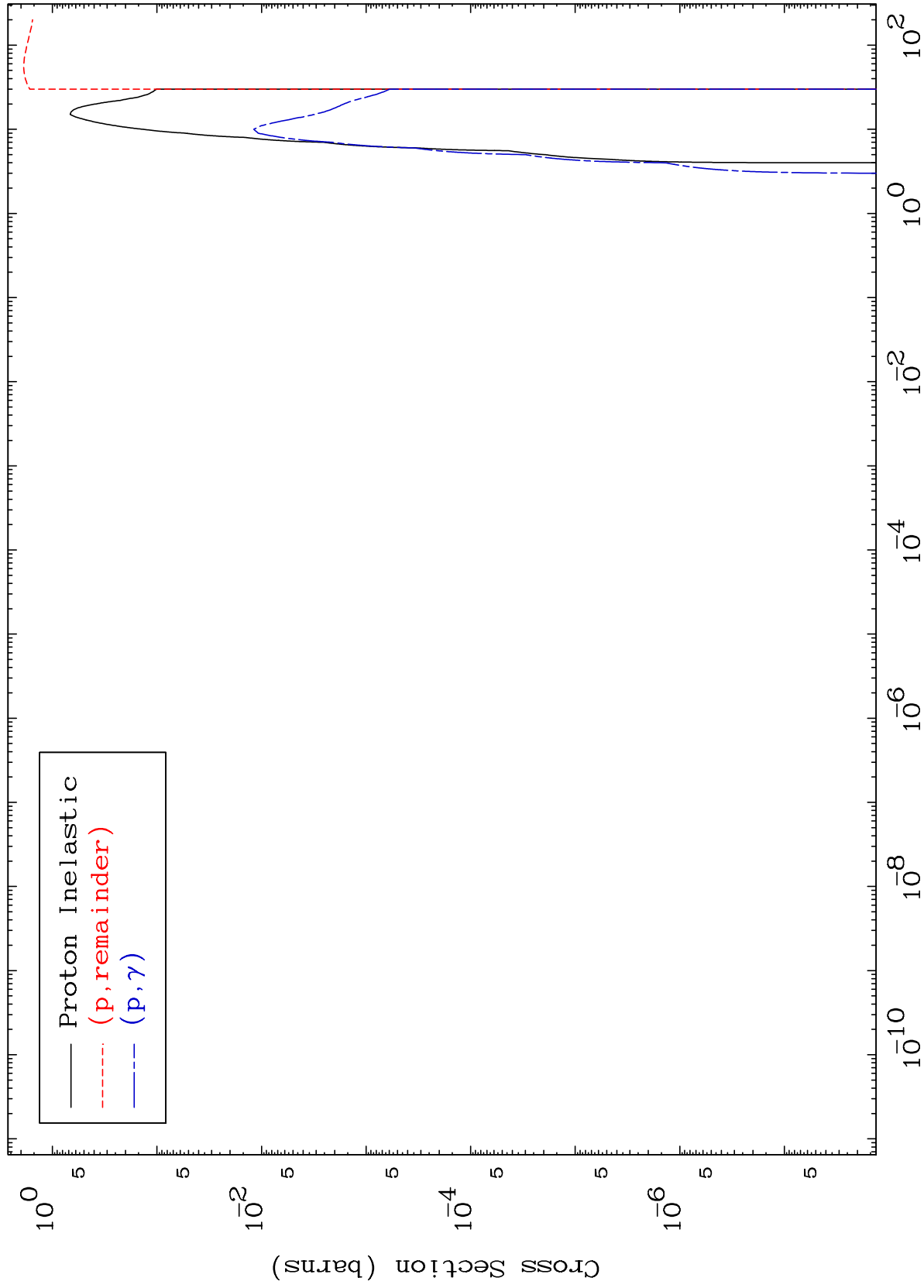
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7892

Proton Major
0 Kelvin Cross Sections

79-Au-186



1

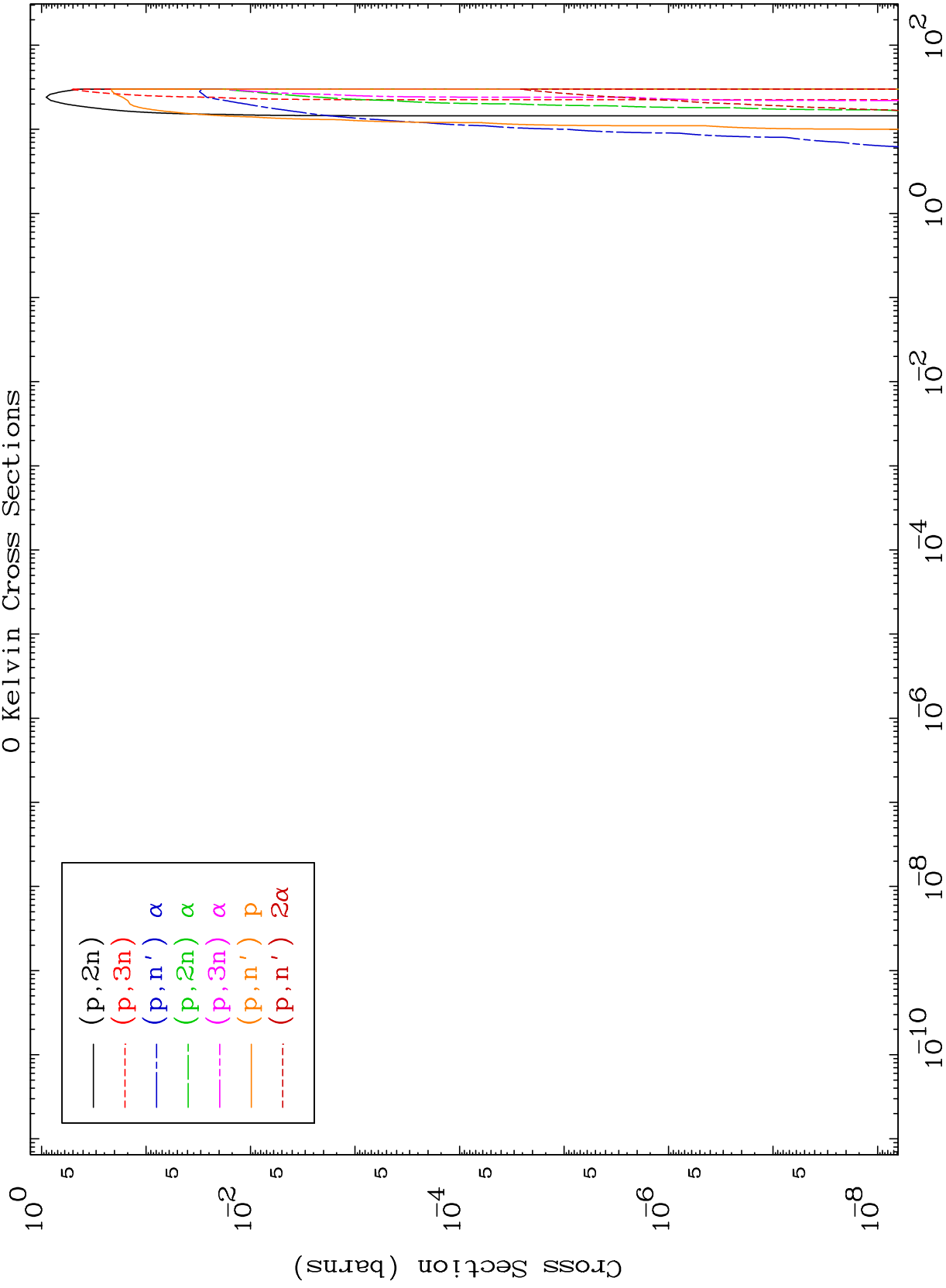
Incident Energy (MeV)

79-Au-186

MAT 7892

Proton Neutron Production
0 Kelvin Cross Sections

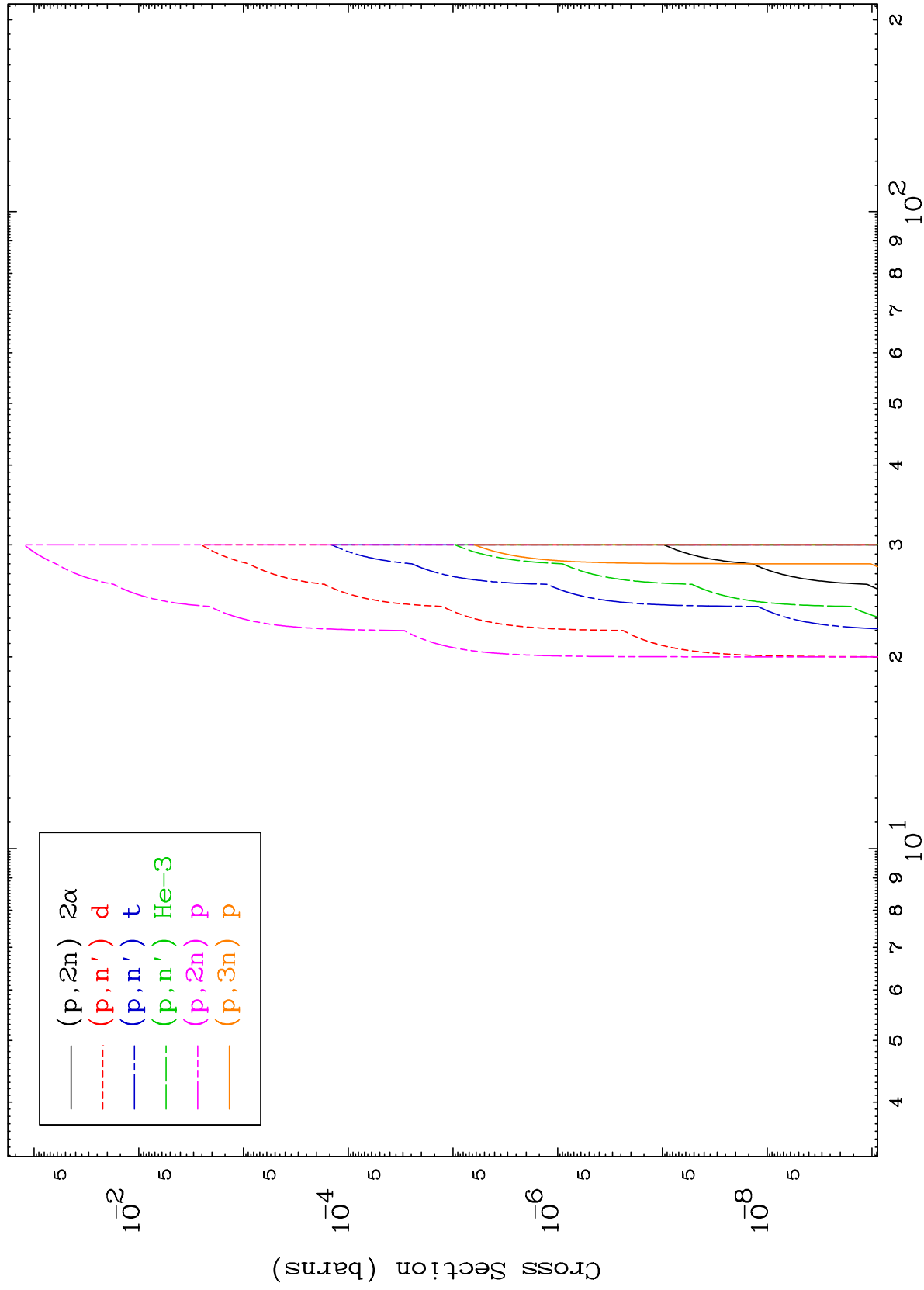
79-Au-186

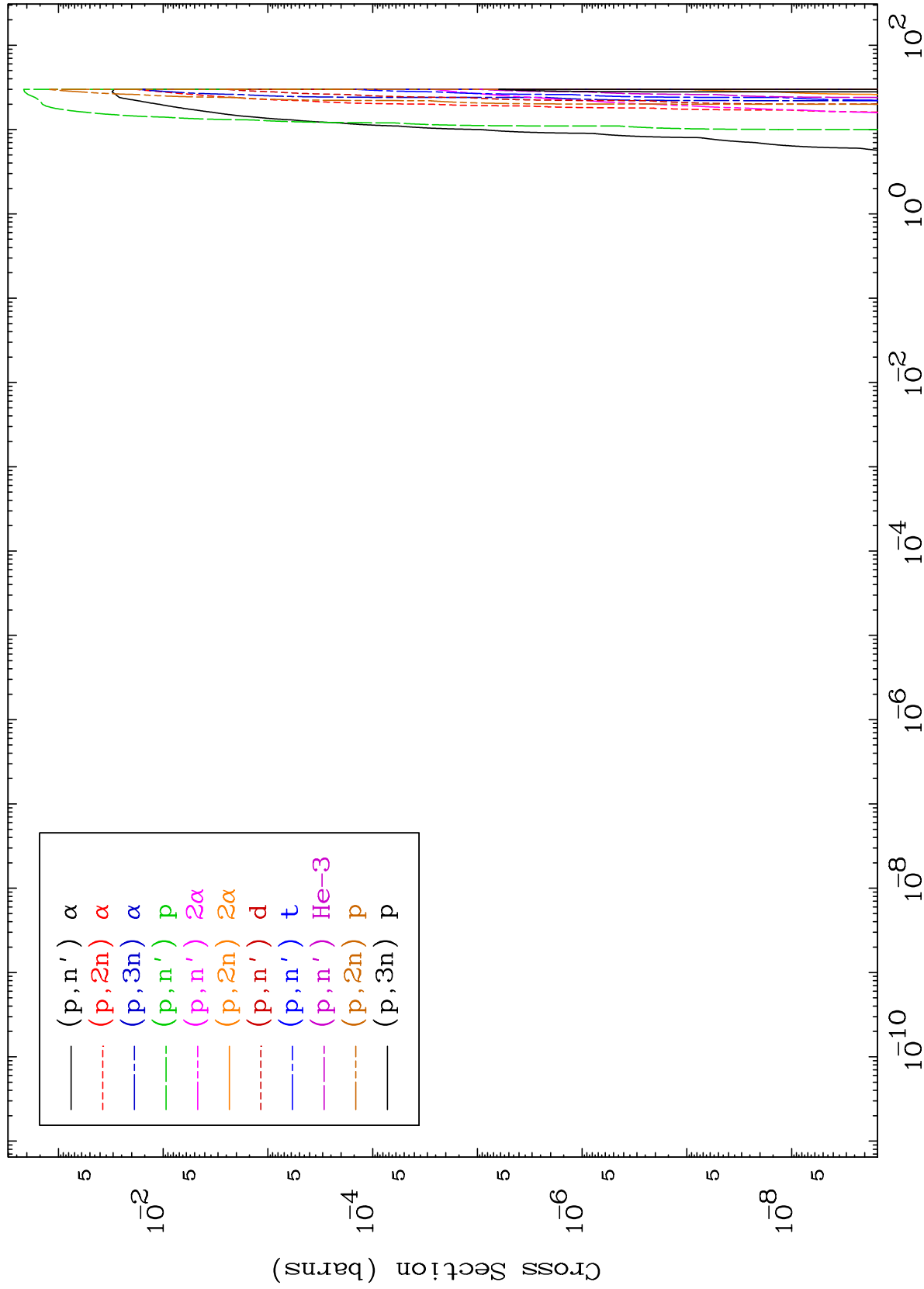


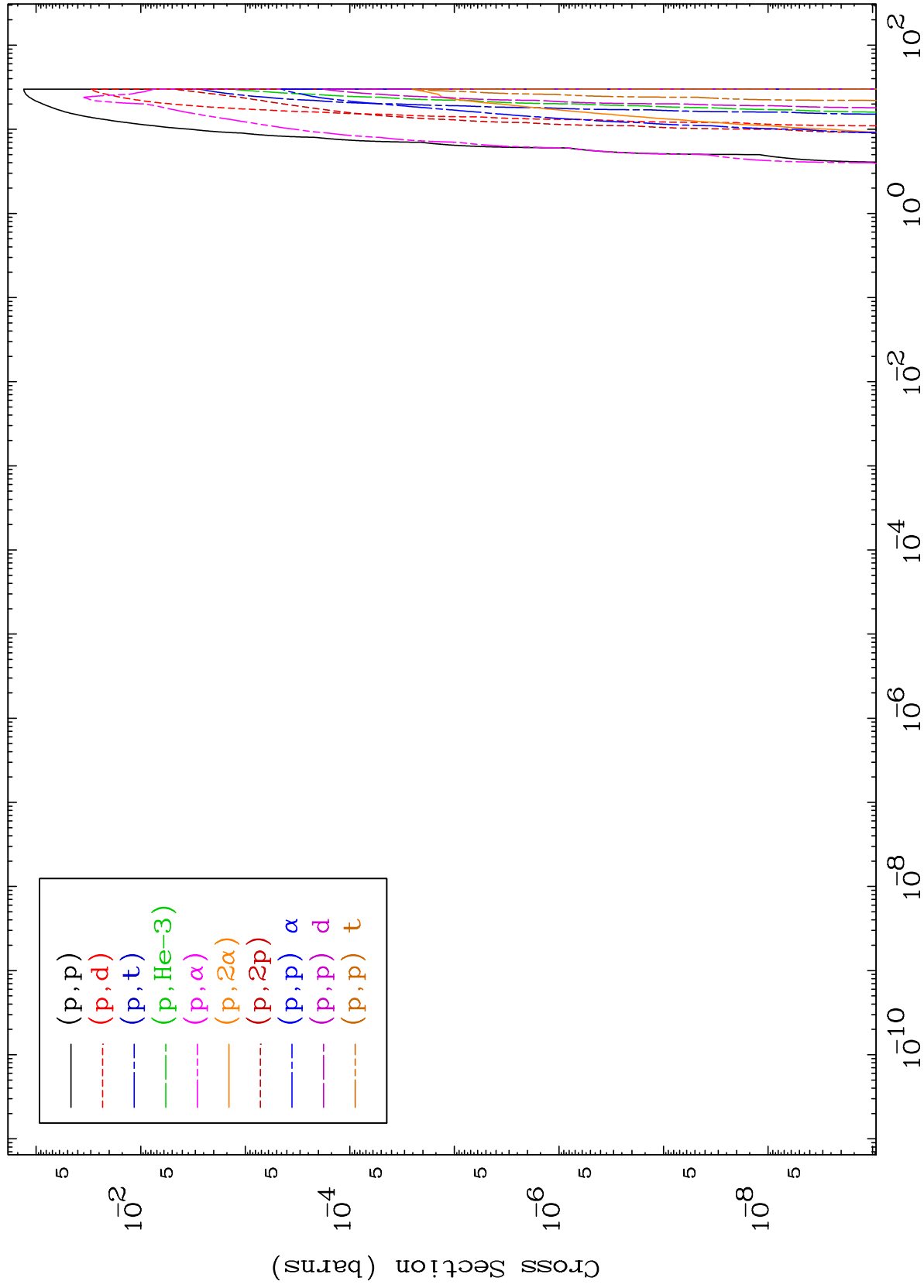
2

Incident Energy (MeV)

79-Au-186



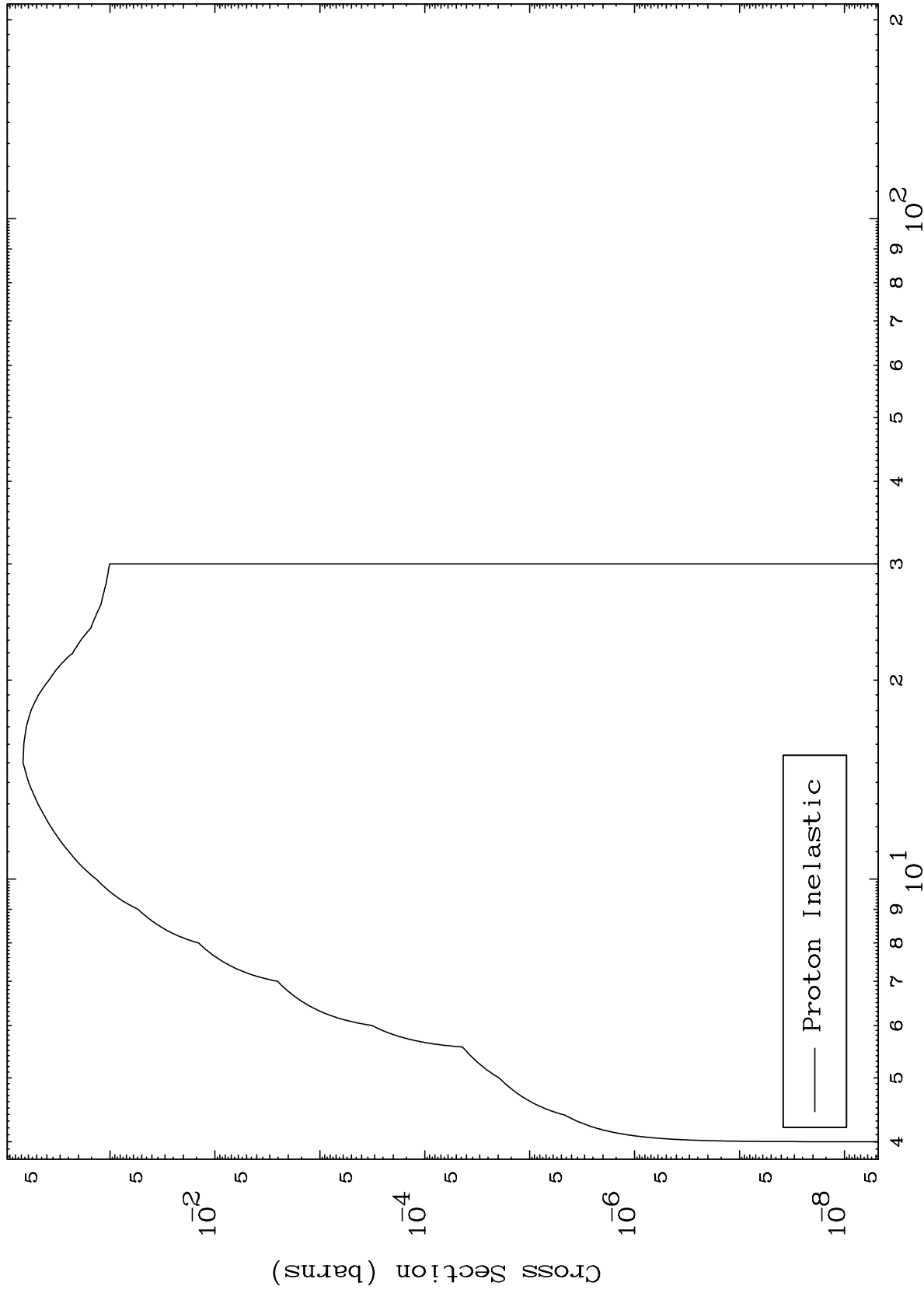




MAT 7892

79-Au-186

(p,n') Level
0 Kelvin Cross Sections



6

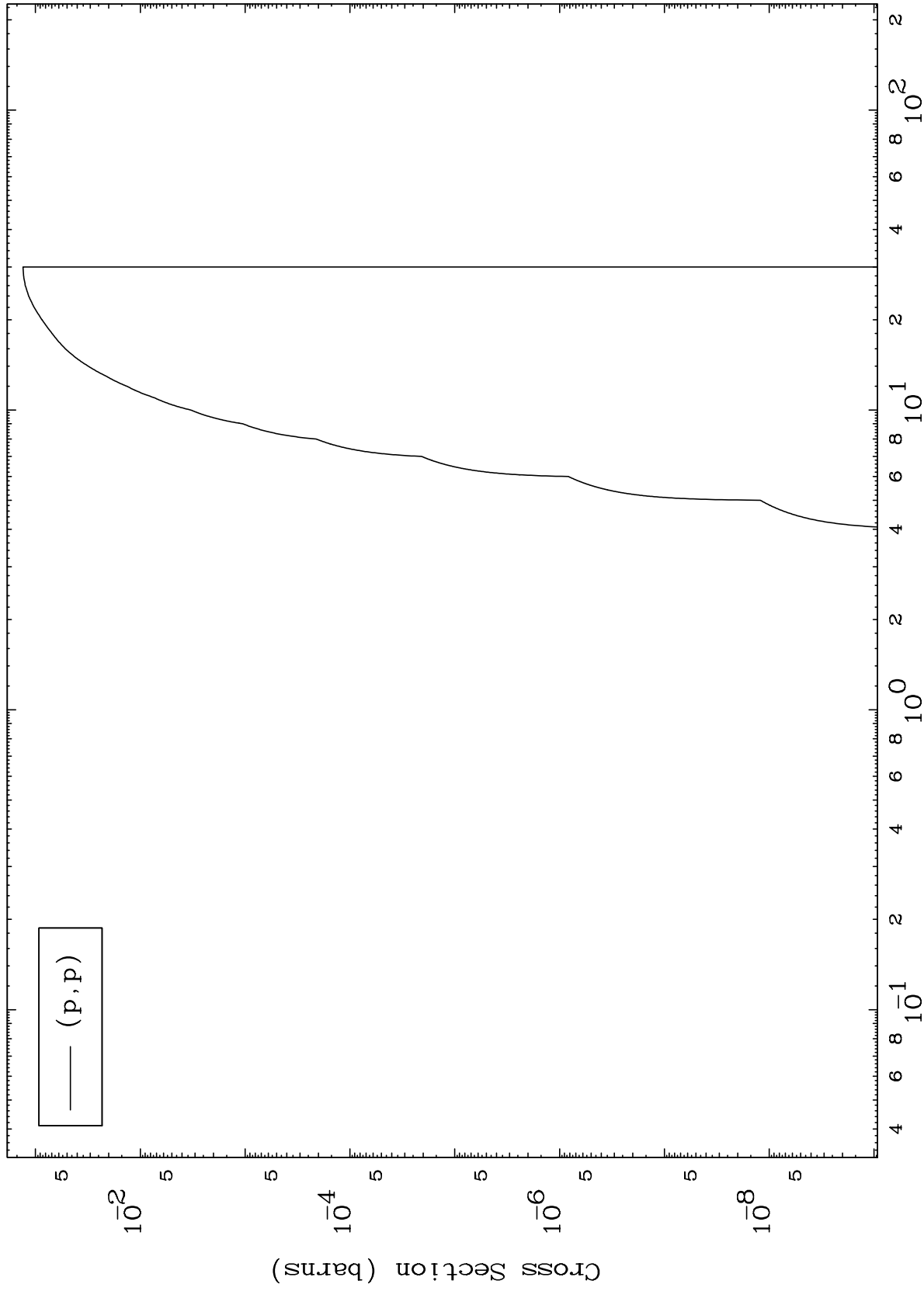
Incident Energy (MeV)

79-Au-186

MAT 7892

79-Au-186

(p,p) Levels
0 Kelvin Cross Sections



7

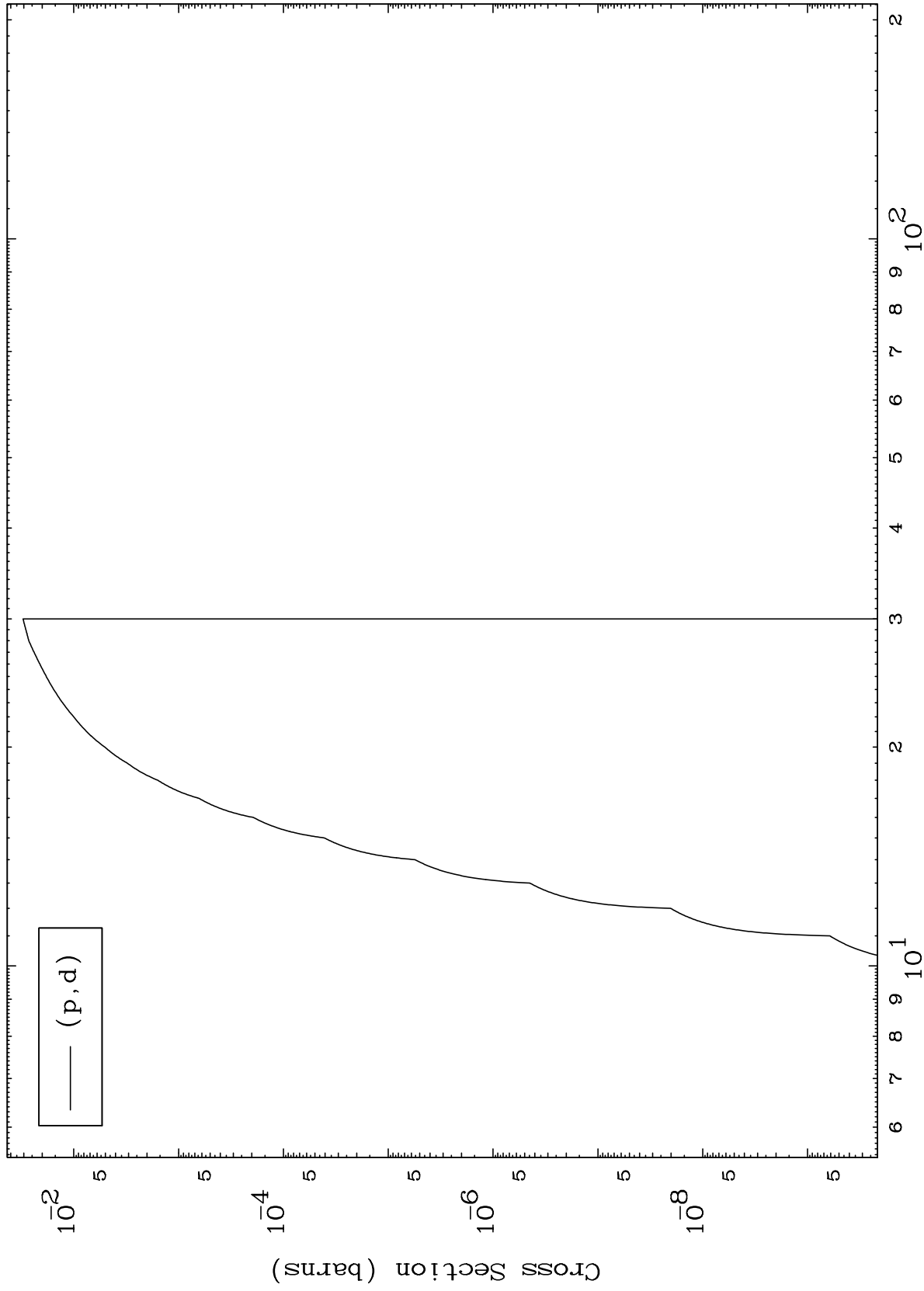
Incident Energy (MeV)

79-Au-186

MAT 7892

79-Au-186

(p,d) Levels
0 Kelvin Cross Sections



8

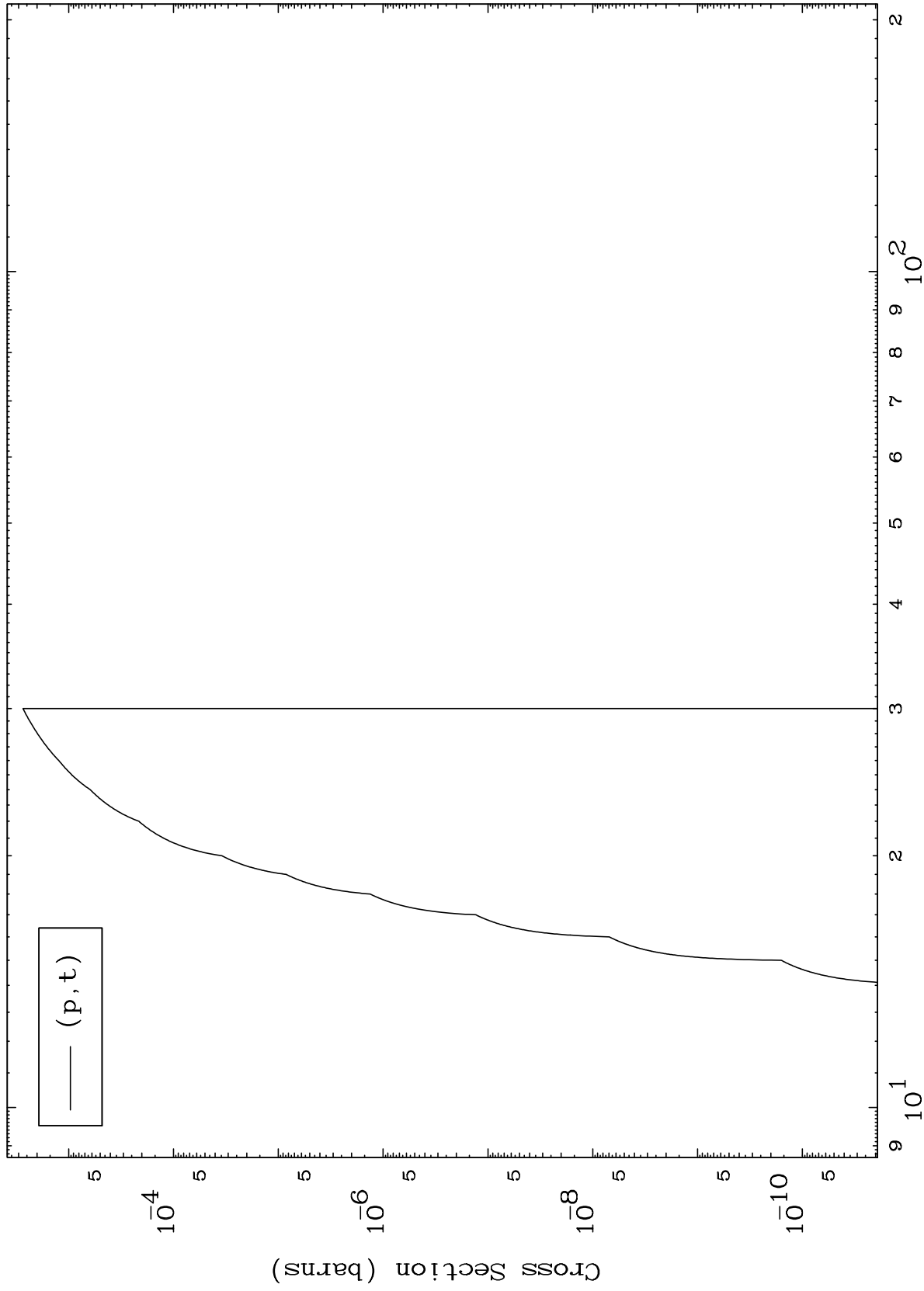
Incident Energy (MeV)

79-Au-186

MAT 7892

79-Au-186

(p,t) Levels
0 Kelvin Cross Sections



9

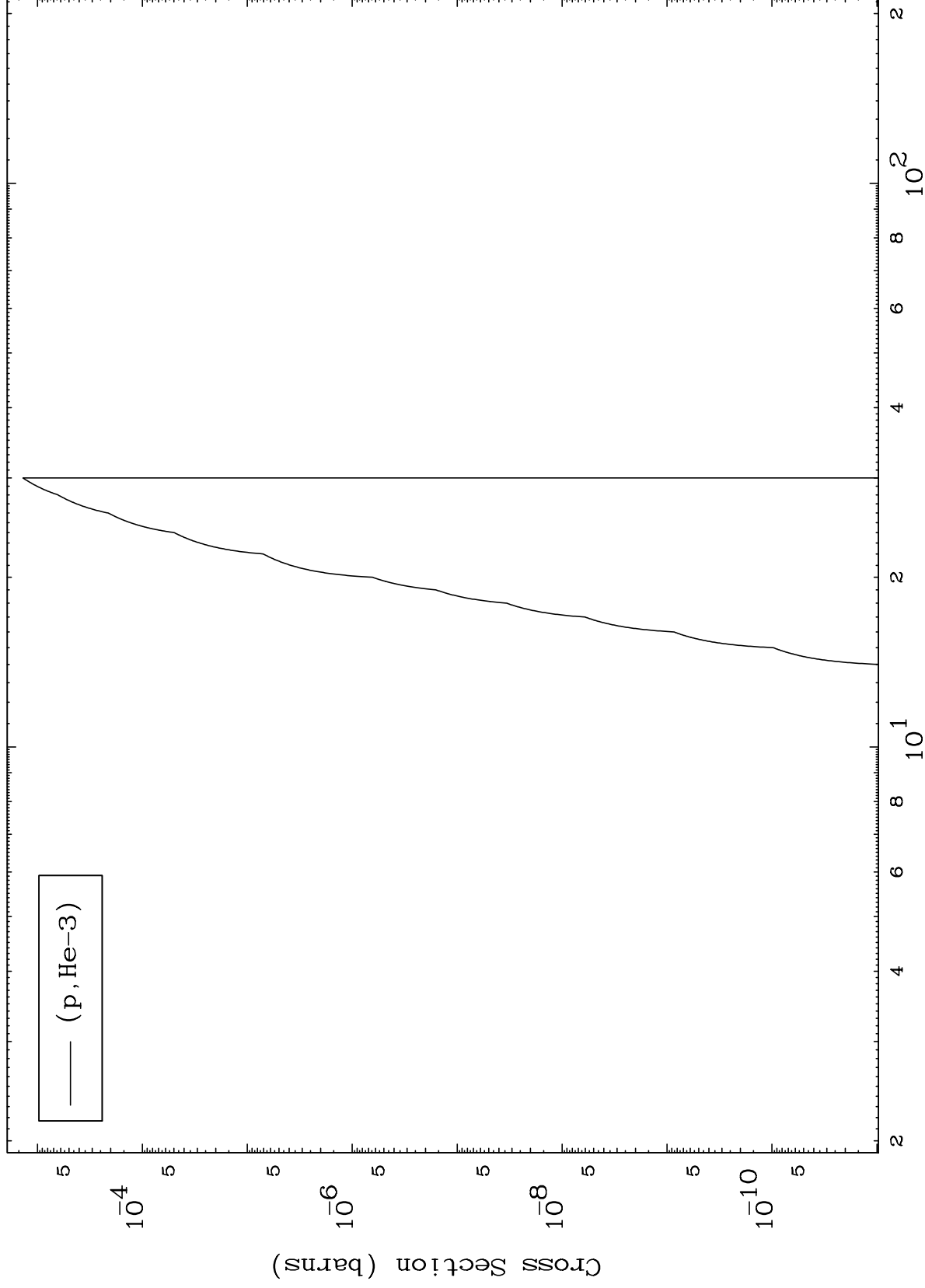
Incident Energy (MeV)

79-Au-186

MAT 7892

(p,He3) Levels
0 Kelvin Cross Sections

79-Au-186



10

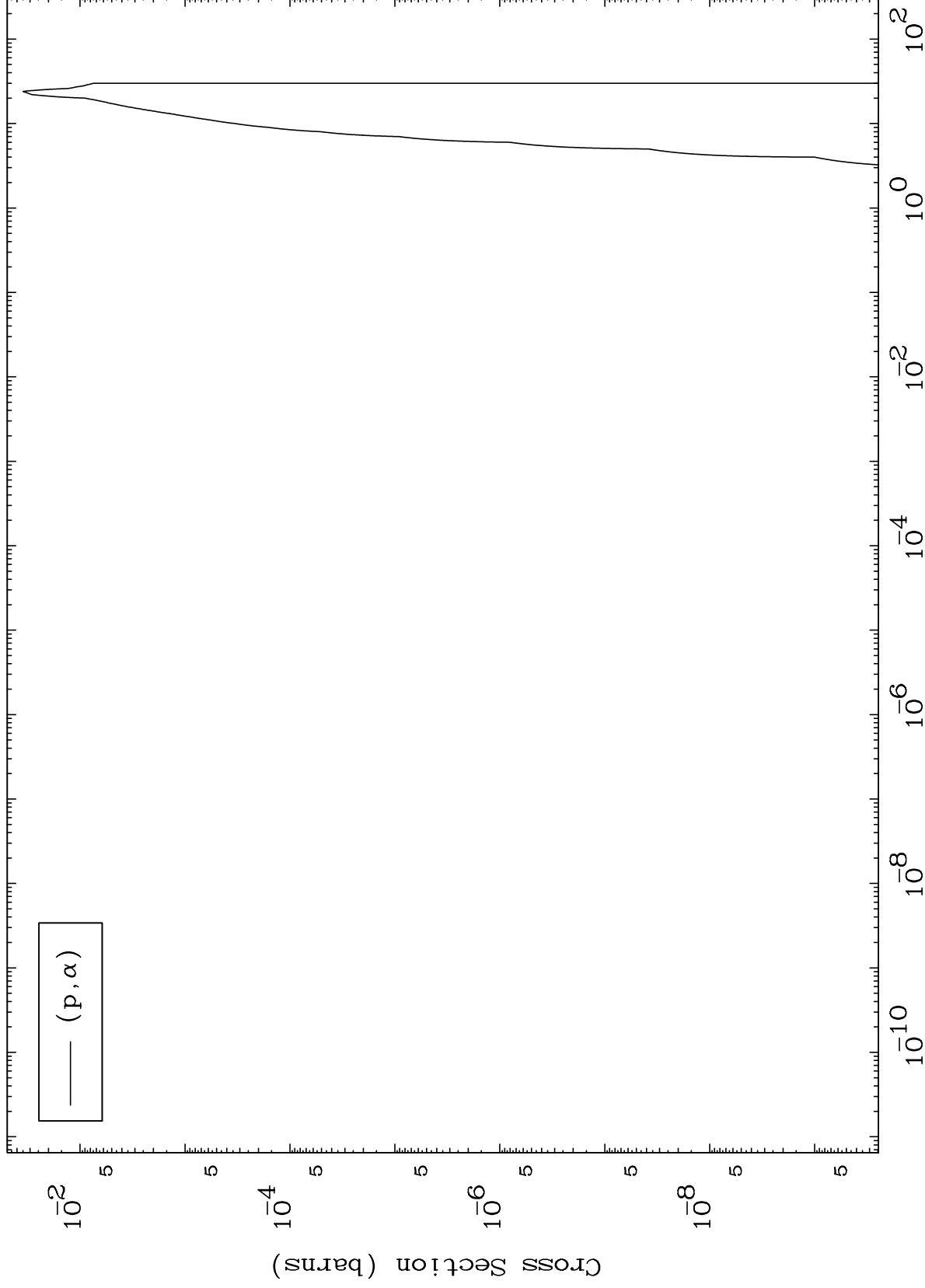
Incident Energy (MeV)

79-Au-186

MAT 7892

(p, α) Levels
0 Kelvin Cross Sections

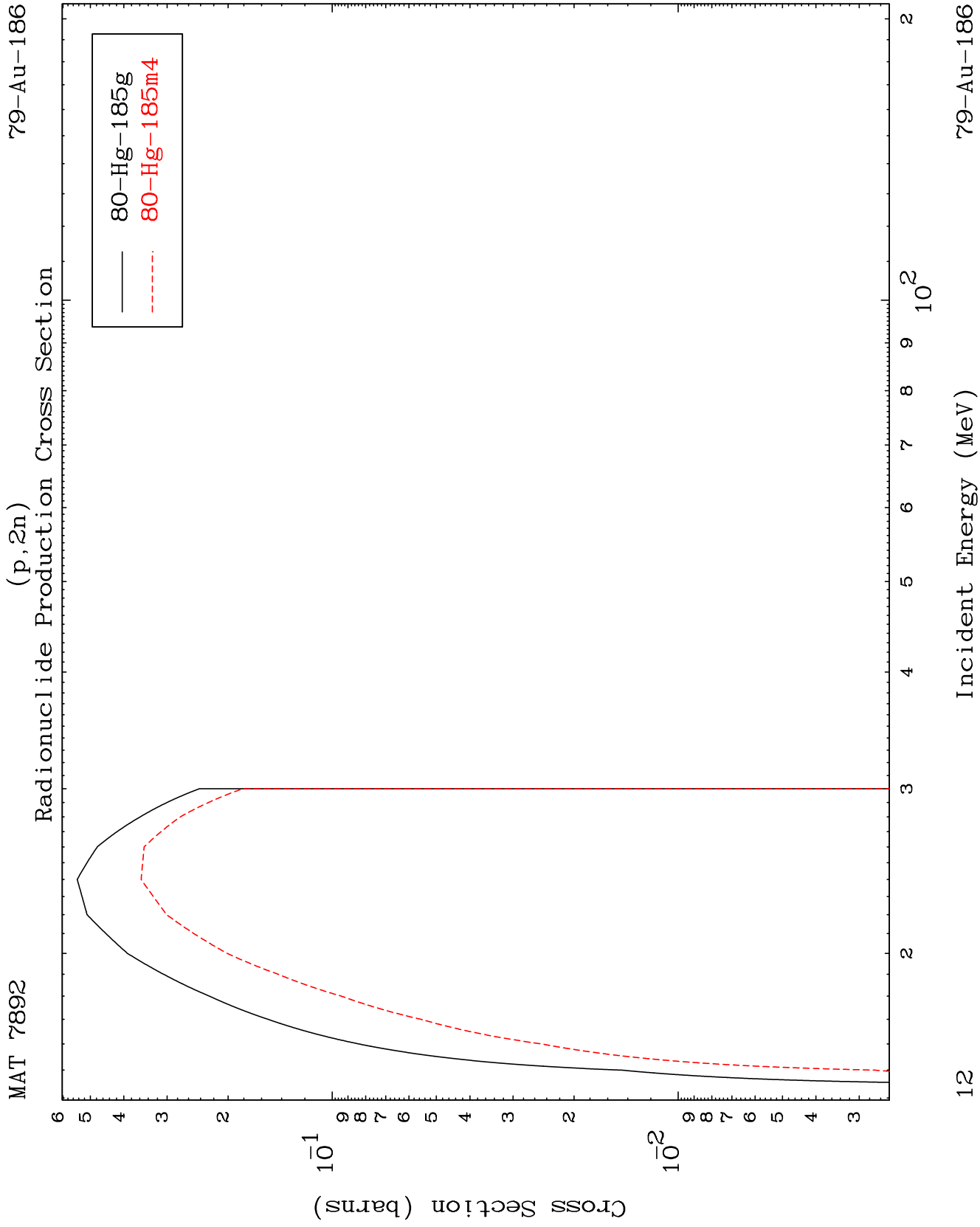
79-Au-186



11

Incident Energy (MeV)

79-Au-186

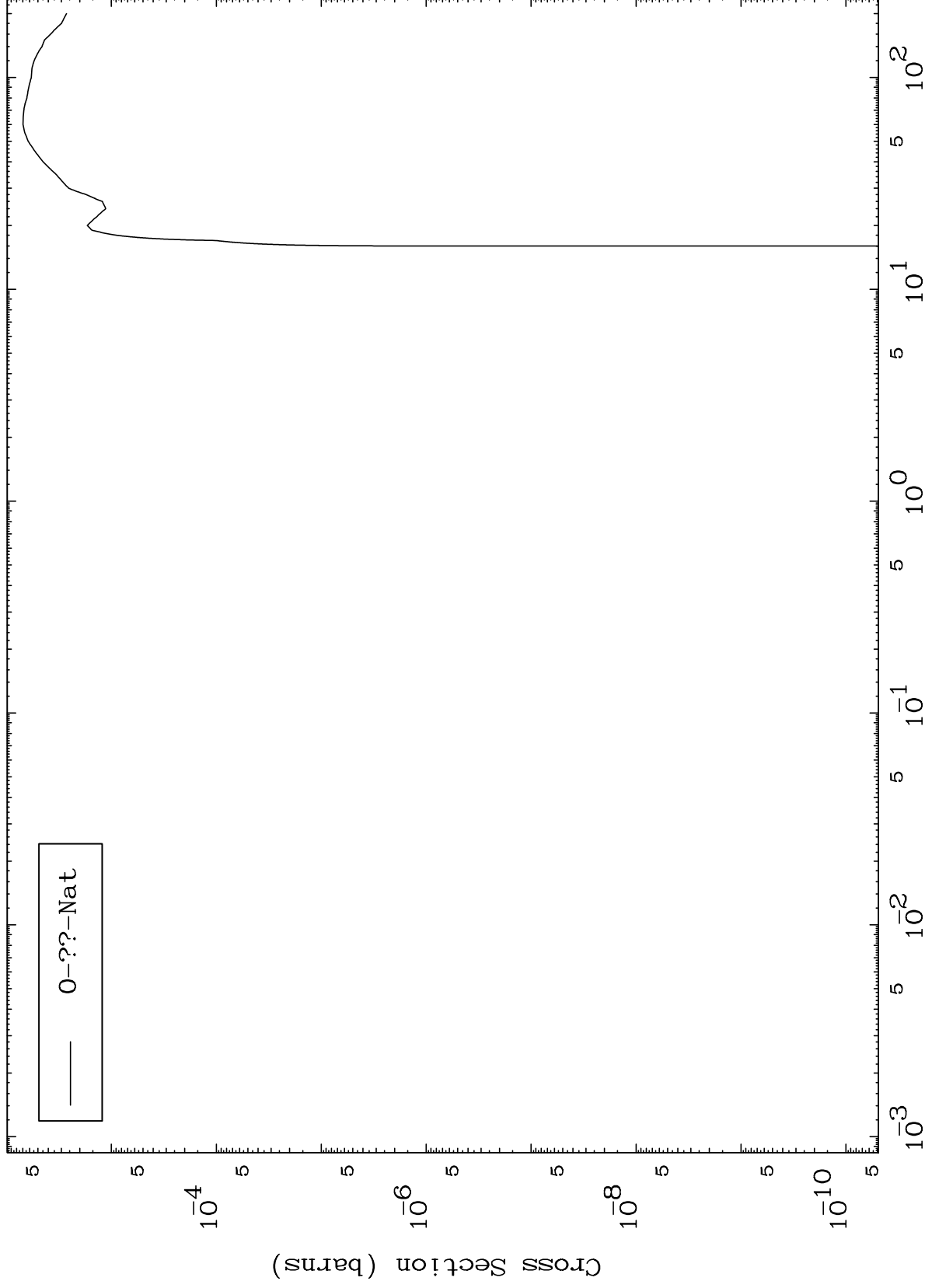


MAT 7892

Proton Fission

⁷⁹Au-186

Radionuclide Production Cross Section



Incident Energy (MeV)

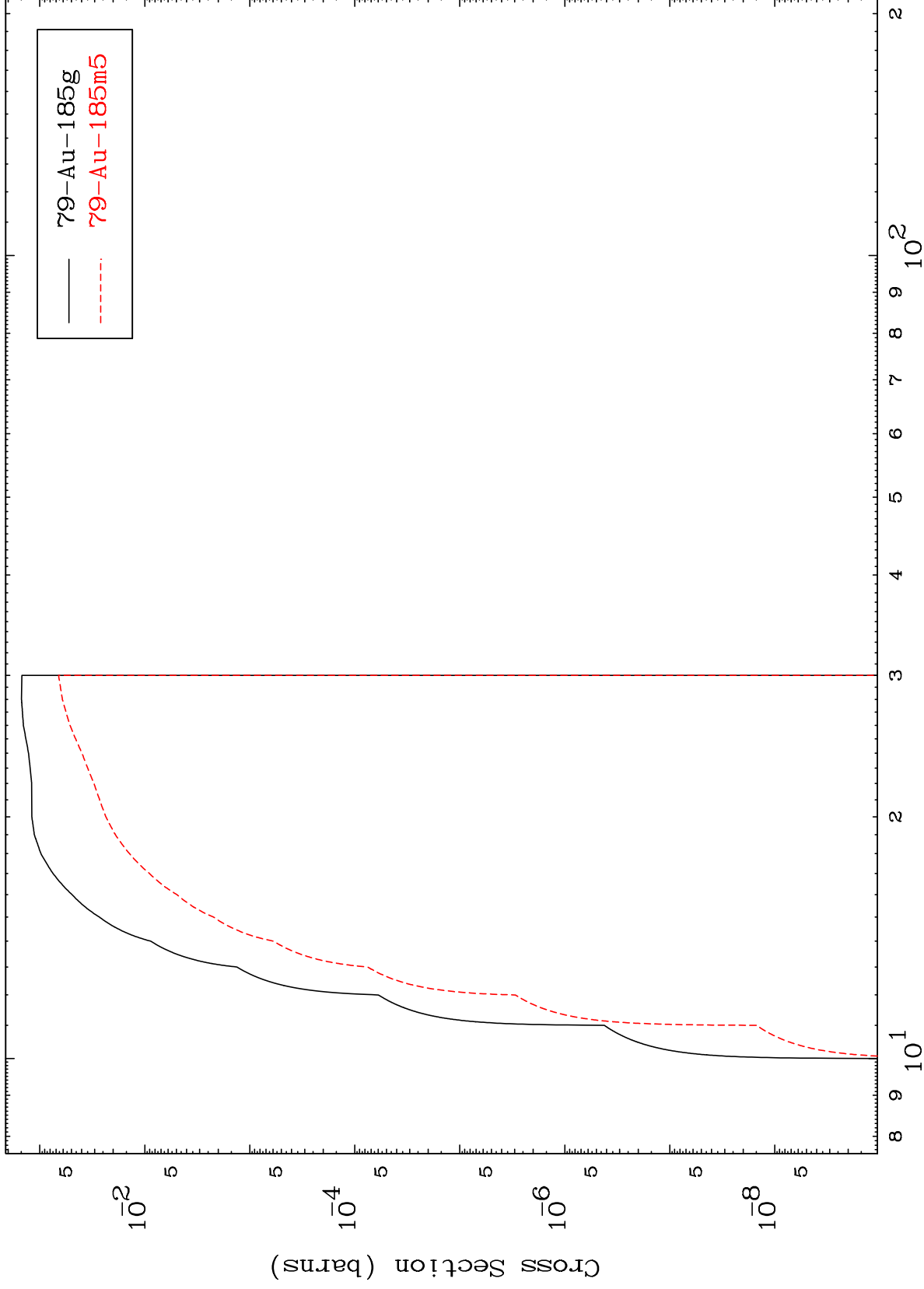
⁷⁹Au-186

MAT 7892

(p,n') p

⁷⁹Au-186

Radionuclide Production Cross Section



14

Incident Energy (MeV)

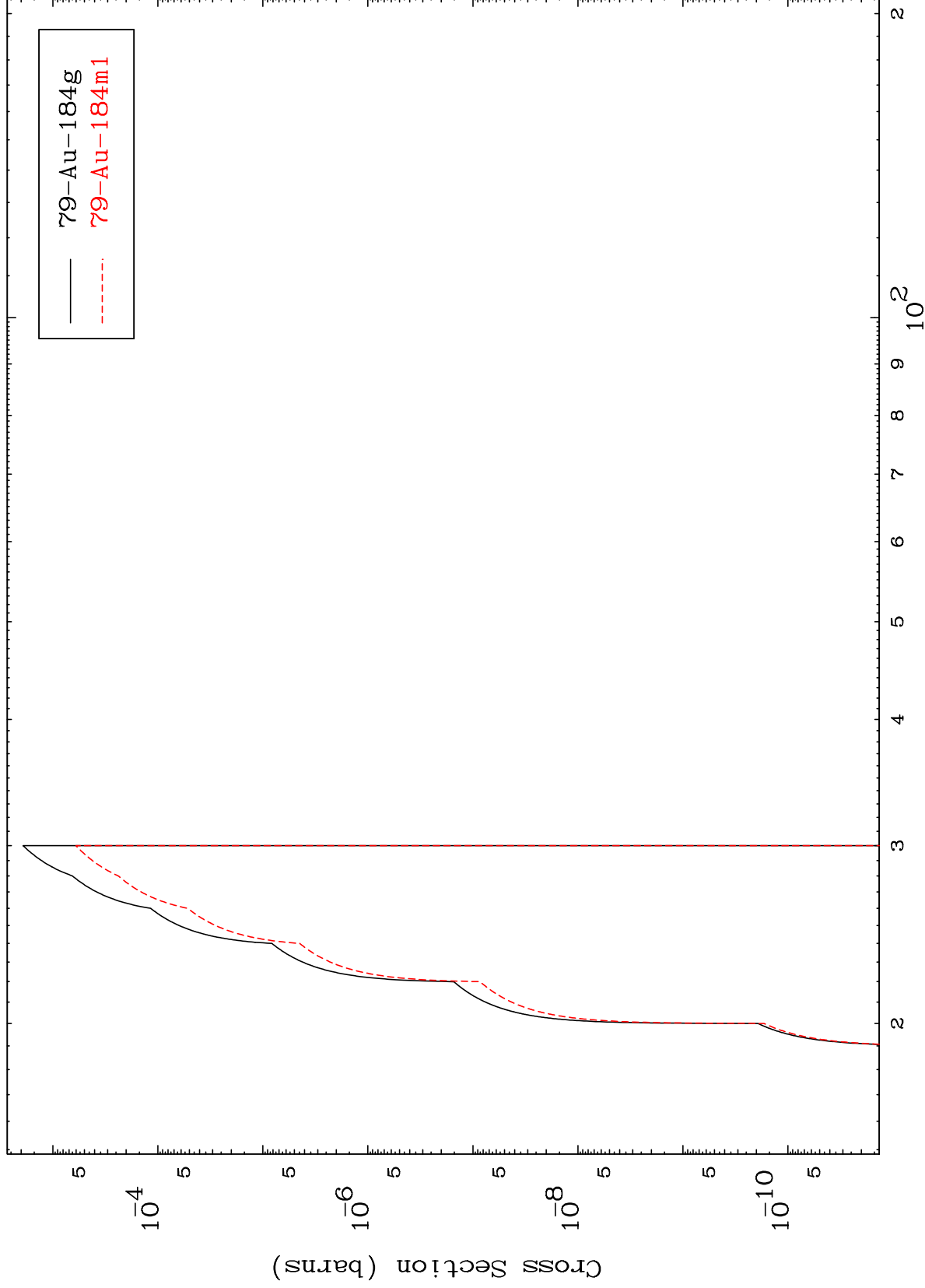
⁷⁹Au-186

MAT 7892

(p,n') d

⁷⁹Au-186

Radionuclide Production Cross Section



15

Incident Energy (MeV)

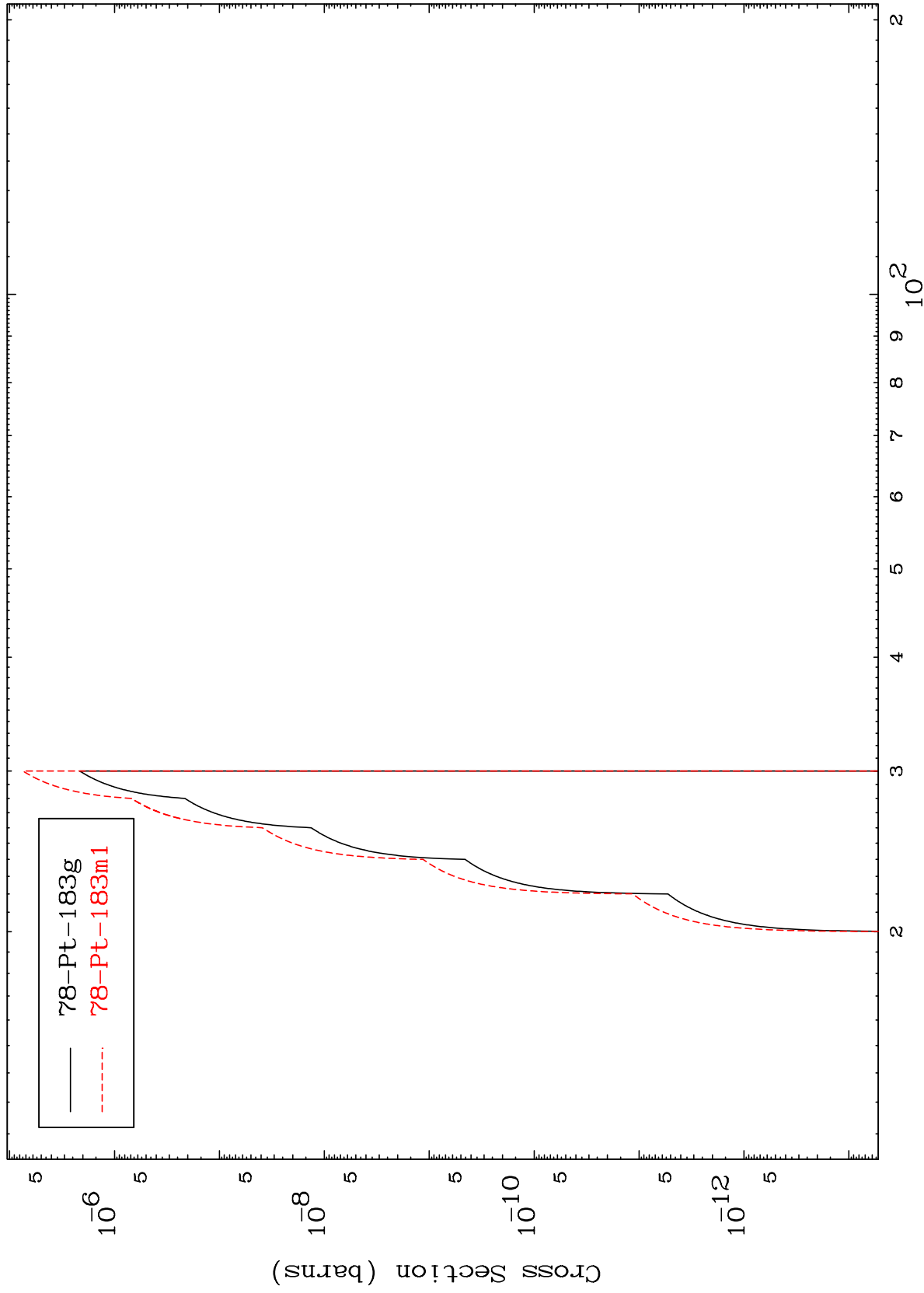
⁷⁹Au-186

MAT 7892

(p,n') He-3

79-Au-186

Radionuclide Production Cross Section



16

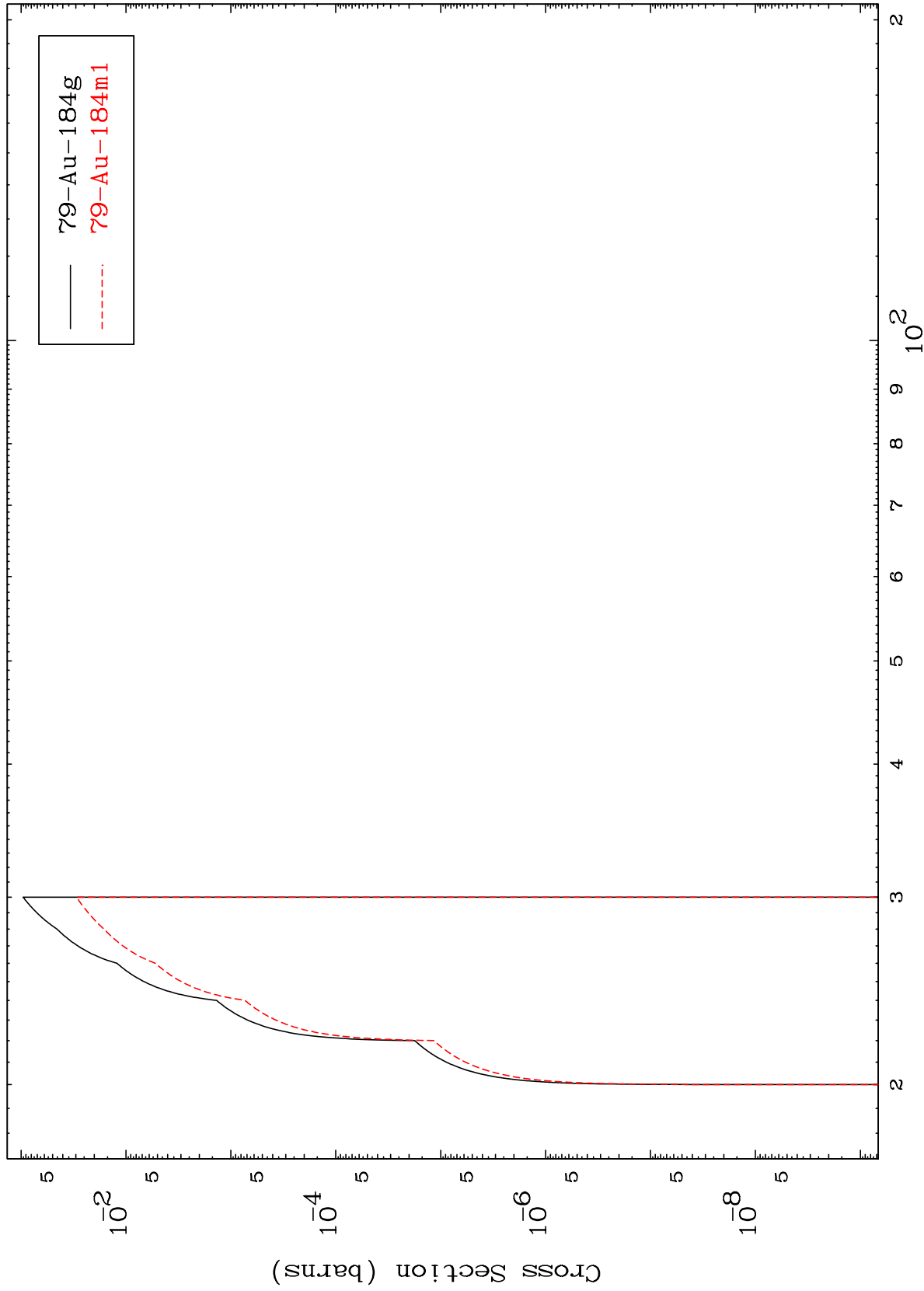
Incident Energy (MeV)

79-Au-186

MAT 7892

⁷⁹Au-186

(p,2n) p
Radionuclide Production Cross Section



17

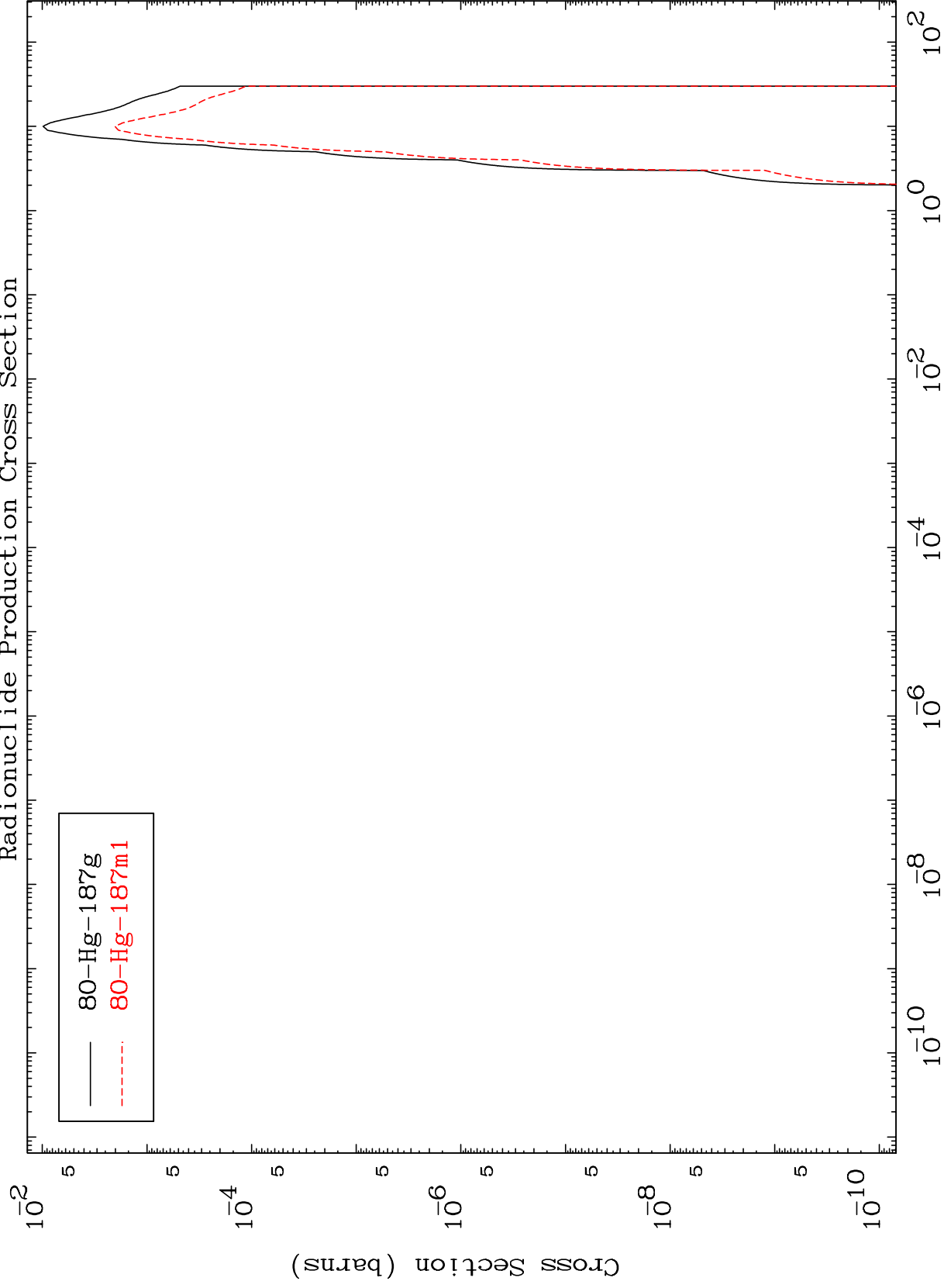
Incident Energy (MeV)

⁷⁹Au-186

MAT 7892

Radionuclide Production Cross Section
(p, γ)

$^{79}\text{Au-186}$



18

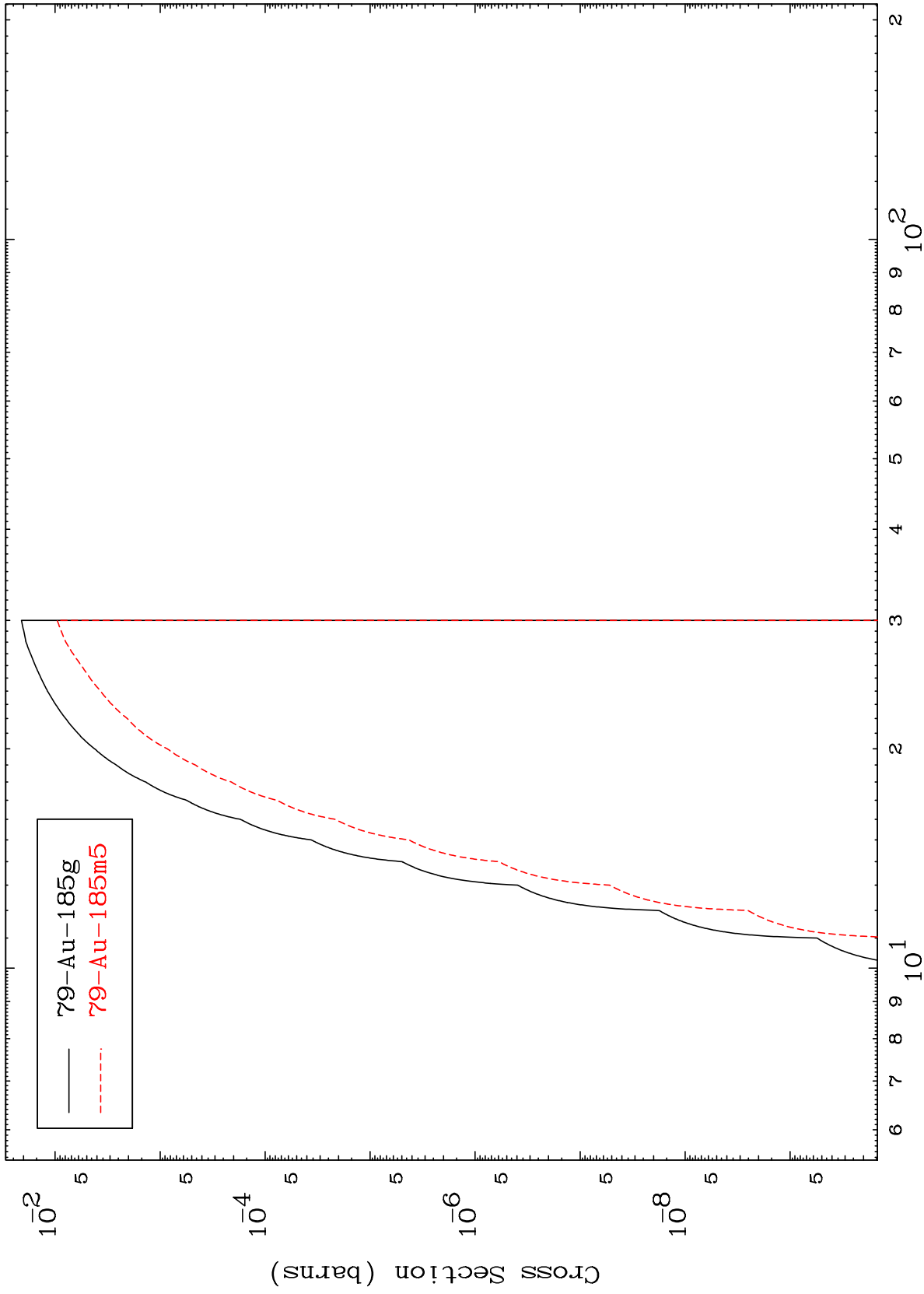
Incident Energy (MeV)

$^{79}\text{Au-186}$

MAT 7892

⁷⁹Au-186

(p,d)
Radionuclide Production Cross Section



19

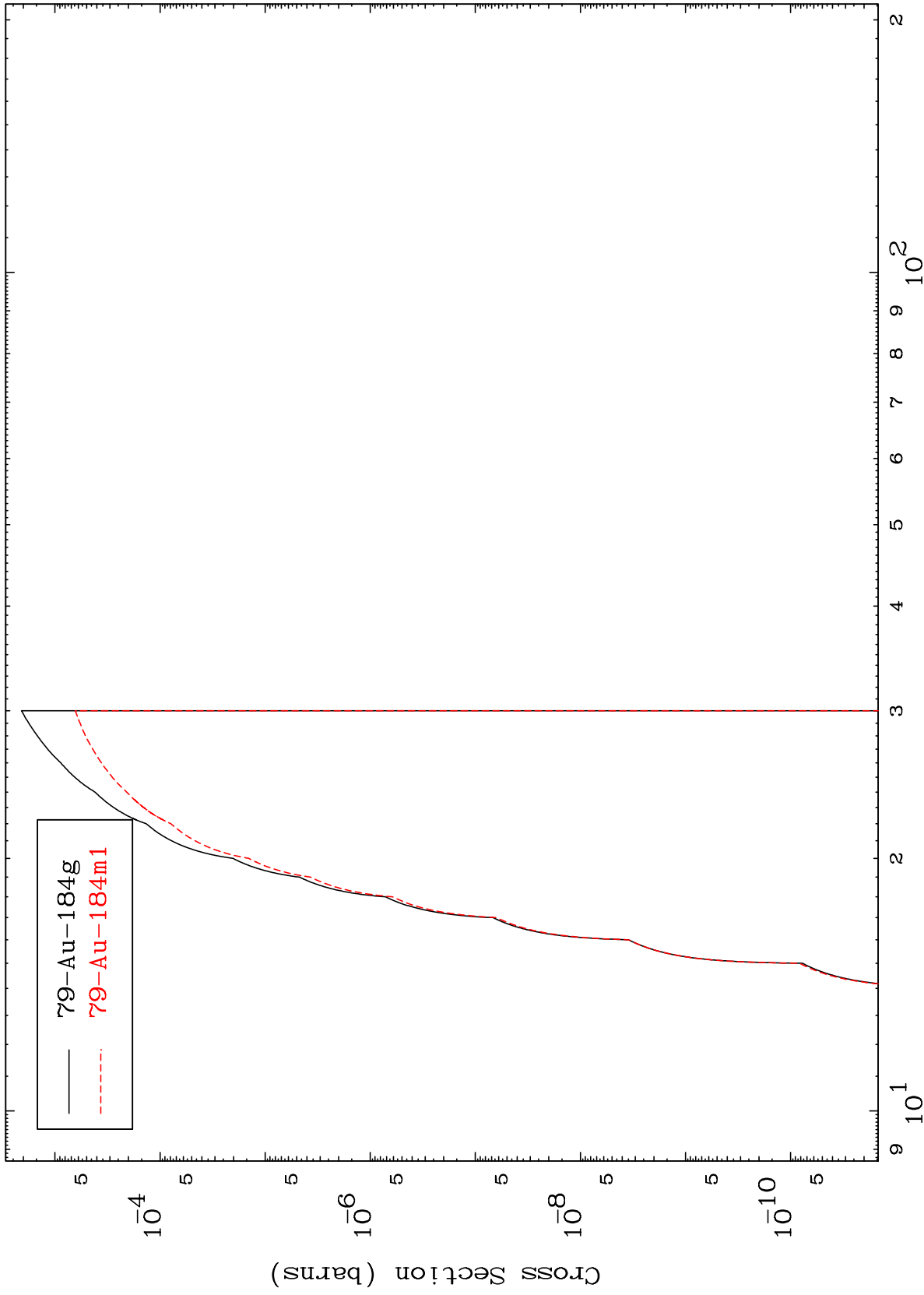
Incident Energy (MeV)

⁷⁹Au-186

MAT 7892

79-Au-186

(p,t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

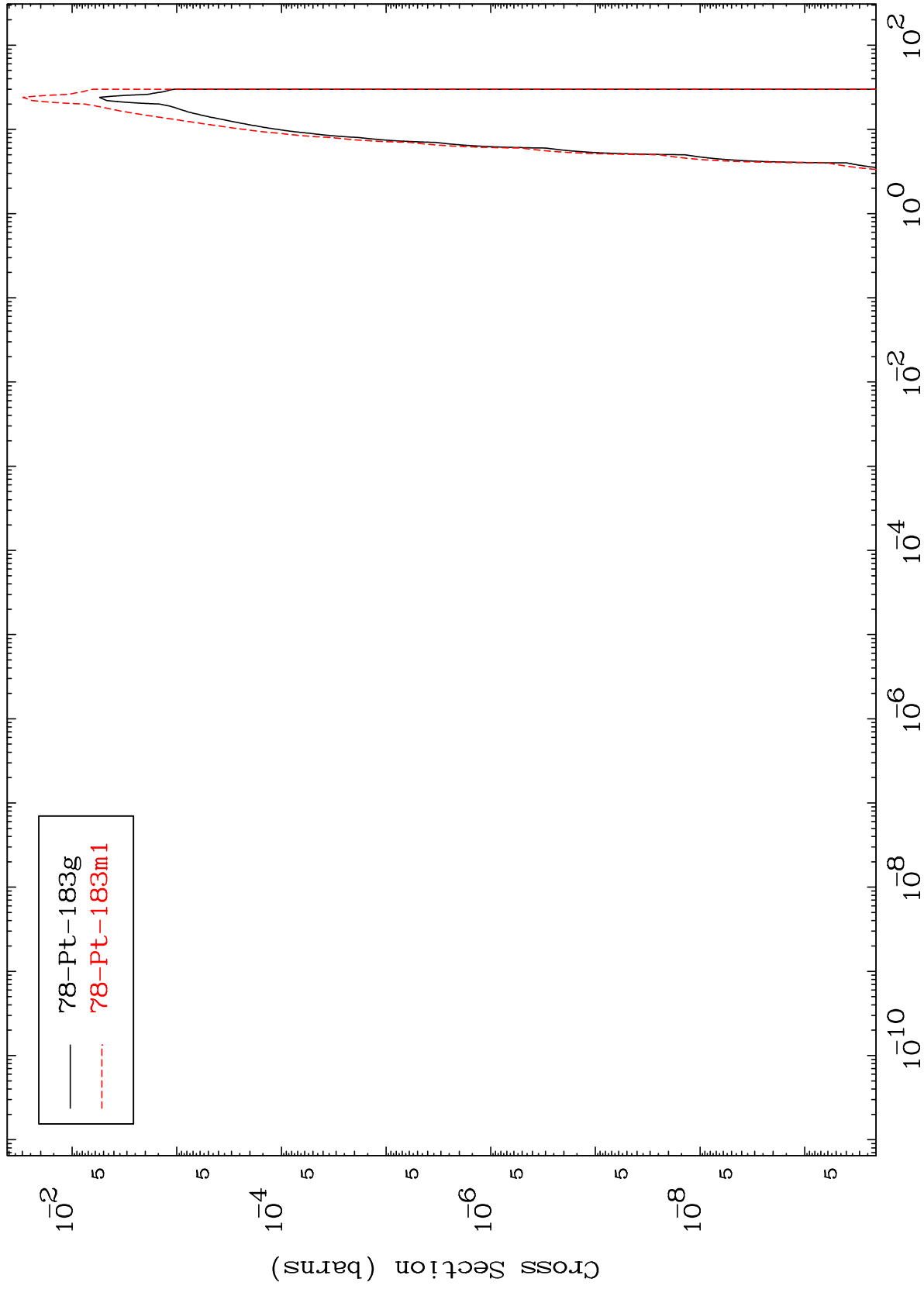
79-Au-186

MAT 7892

(p, α)

$^{79}\text{Au-186}$

Radionuclide Production Cross Section



21

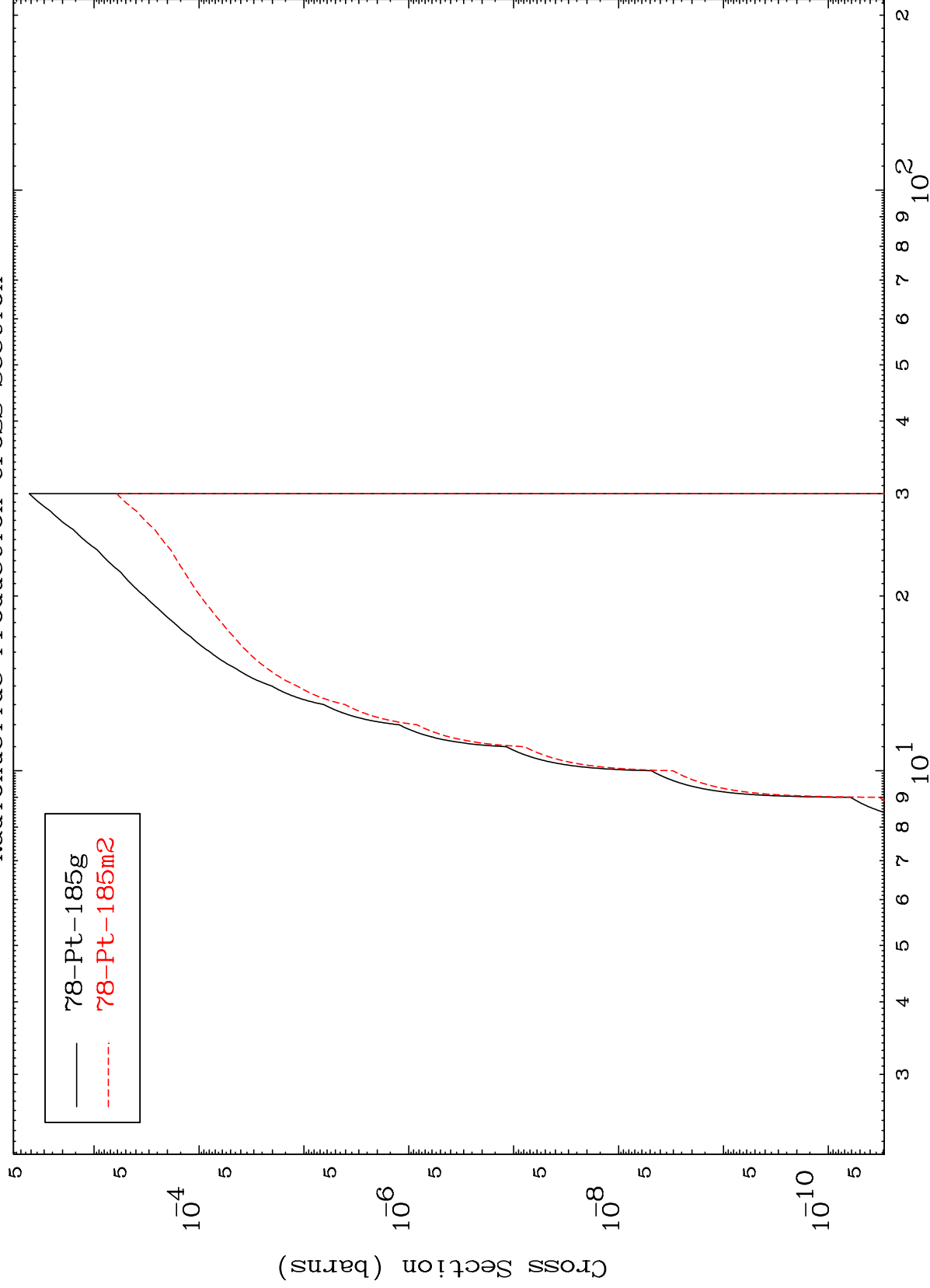
Incident Energy (MeV)

$^{79}\text{Au-186}$

MAT 7892

Radionuclide Production Cross Section
(p,2p)

⁷⁹Au-186



22

Incident Energy (MeV)

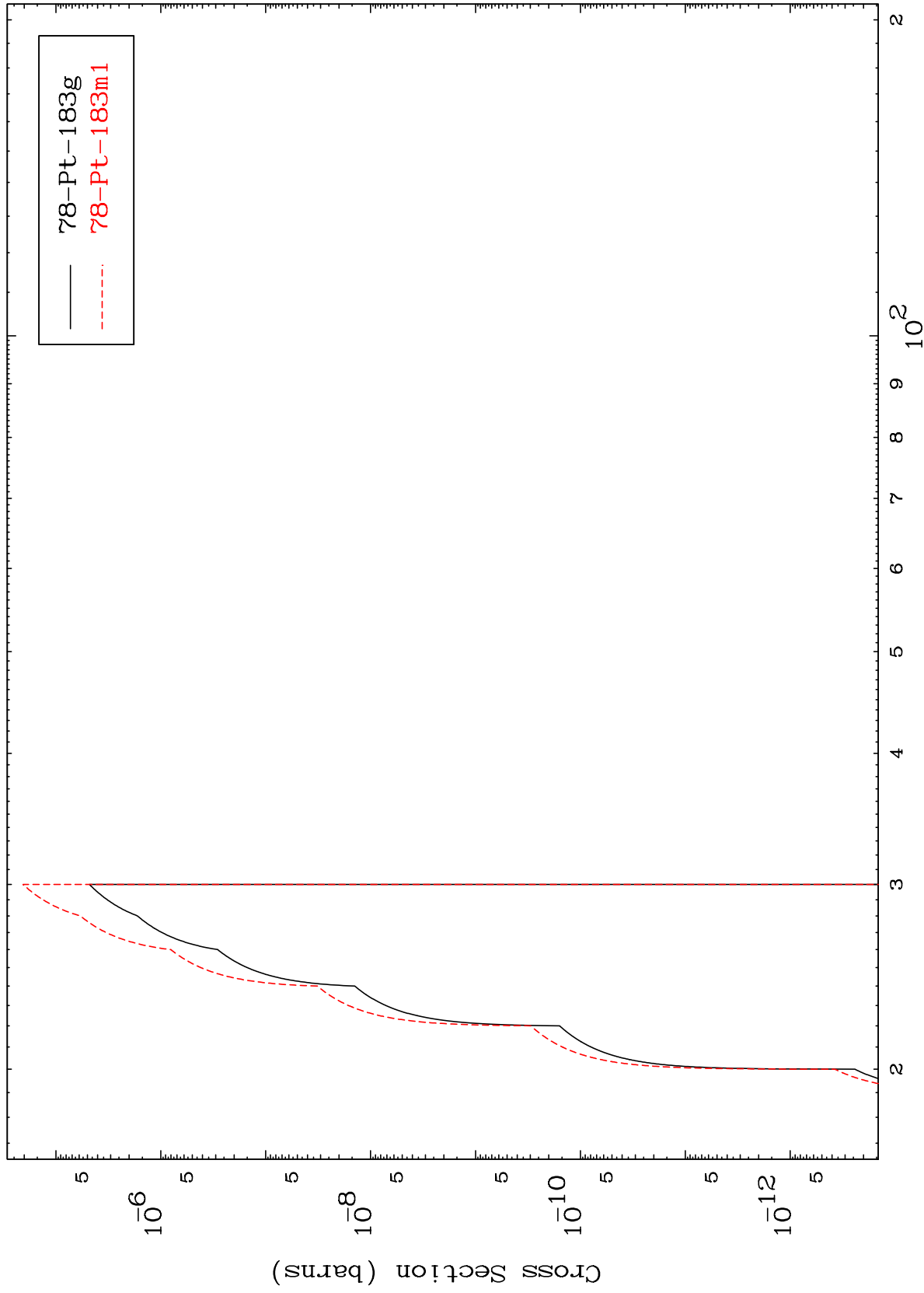
⁷⁹Au-186

MAT 7892

(p,p) t

⁷⁹Au-¹⁸⁶

Radionuclide Production Cross Section



23

Incident Energy (MeV)

⁷⁹Au-¹⁸⁶