

Program EVALPLOT
(Version 2018-1)

by

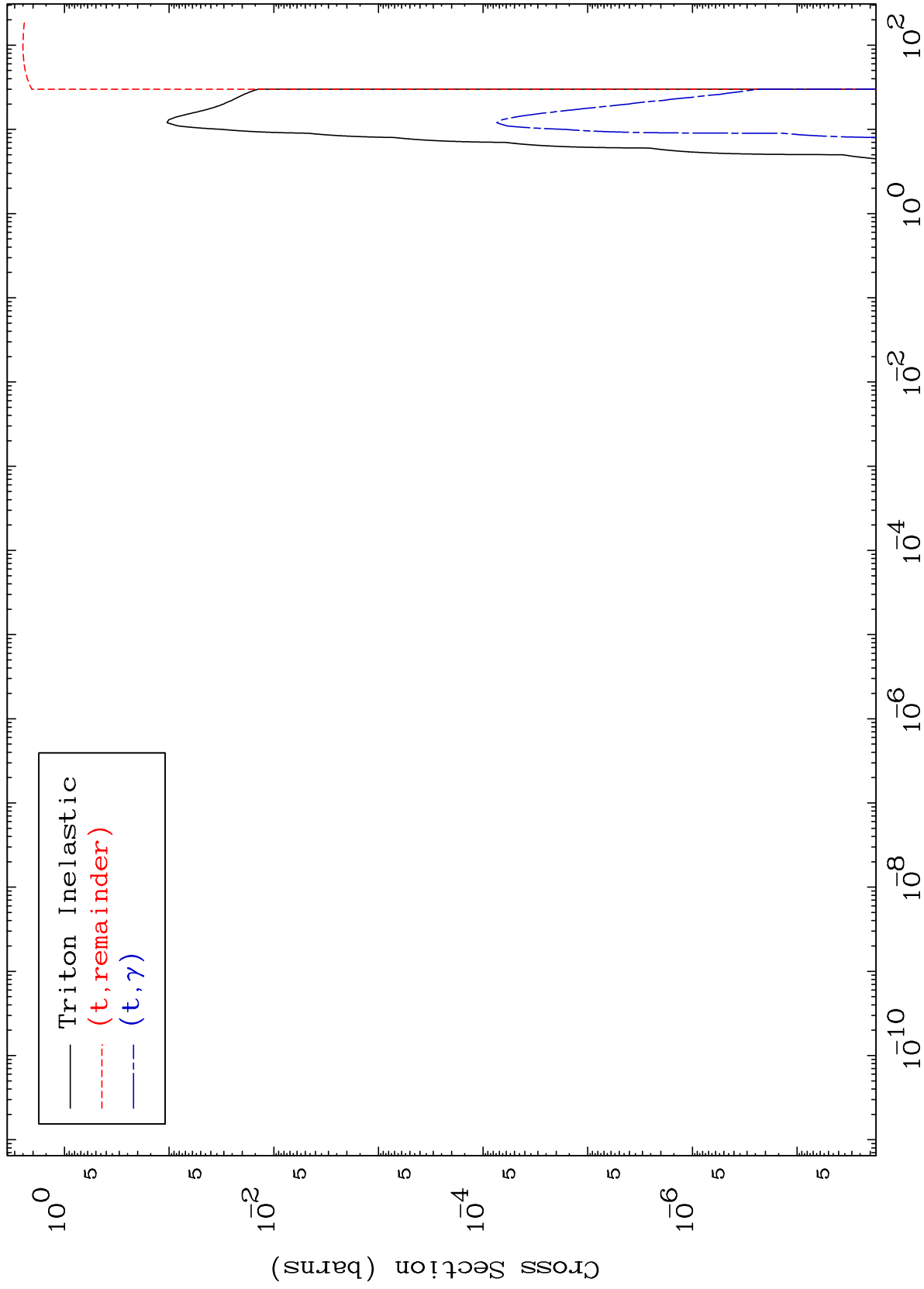
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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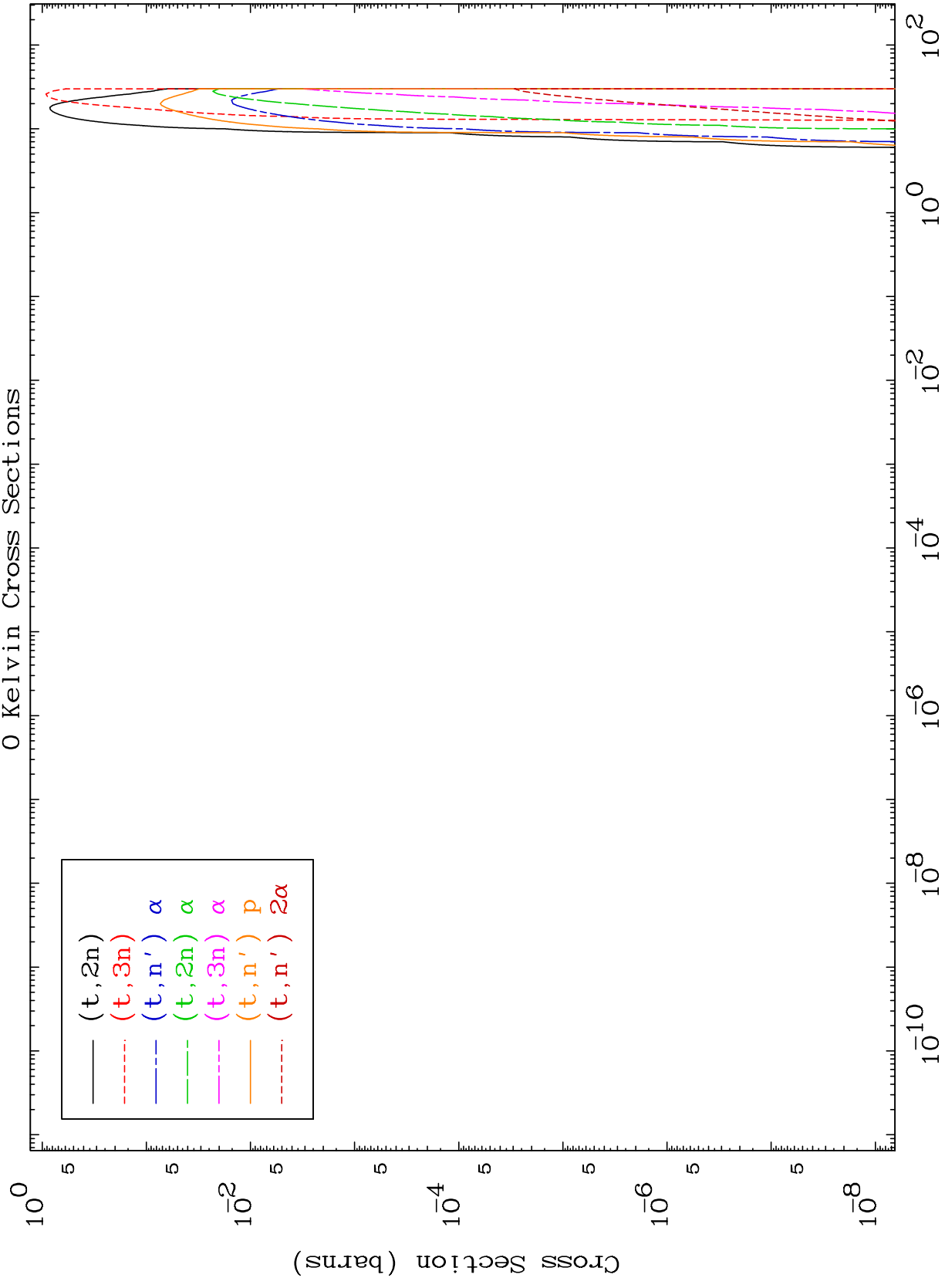
Press Mouse Button to Start



MAT 7892

Triton Neutron Production
0 Kelvin Cross Sections

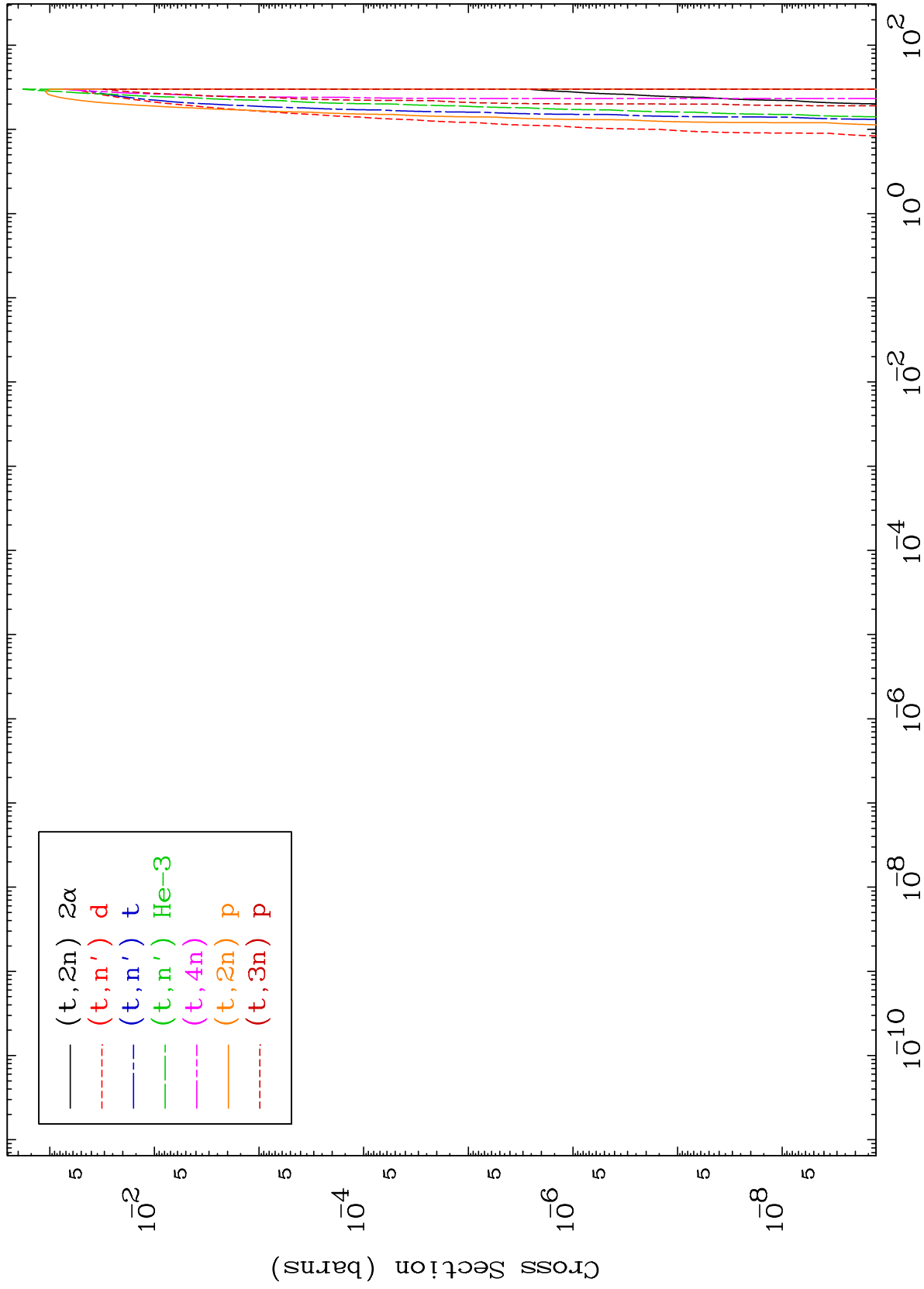
79-Au-186



2

Incident Energy (MeV)

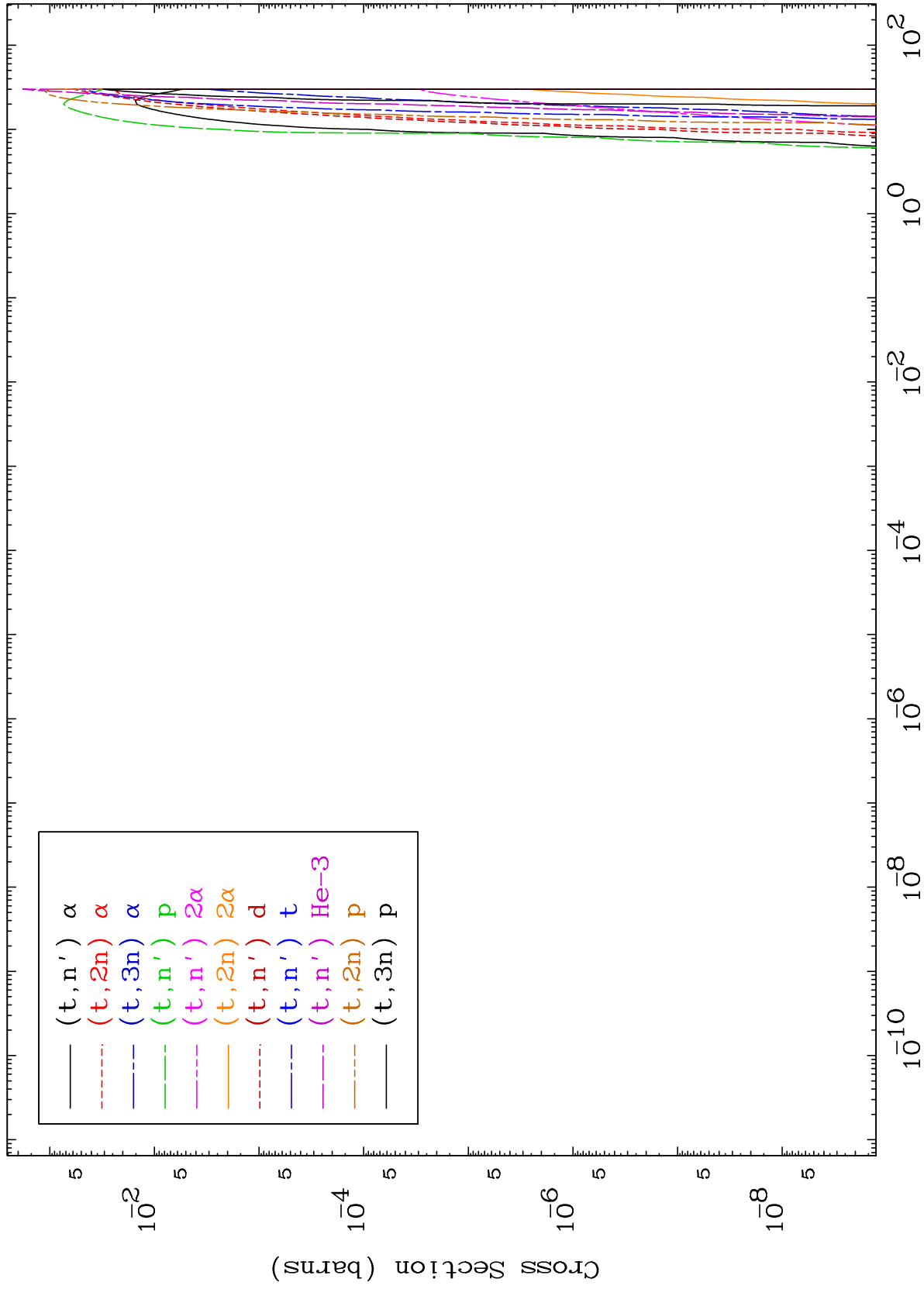
79-Au-186



MAT 7892

Triton Charged Particle
0 Kelvin Cross Sections

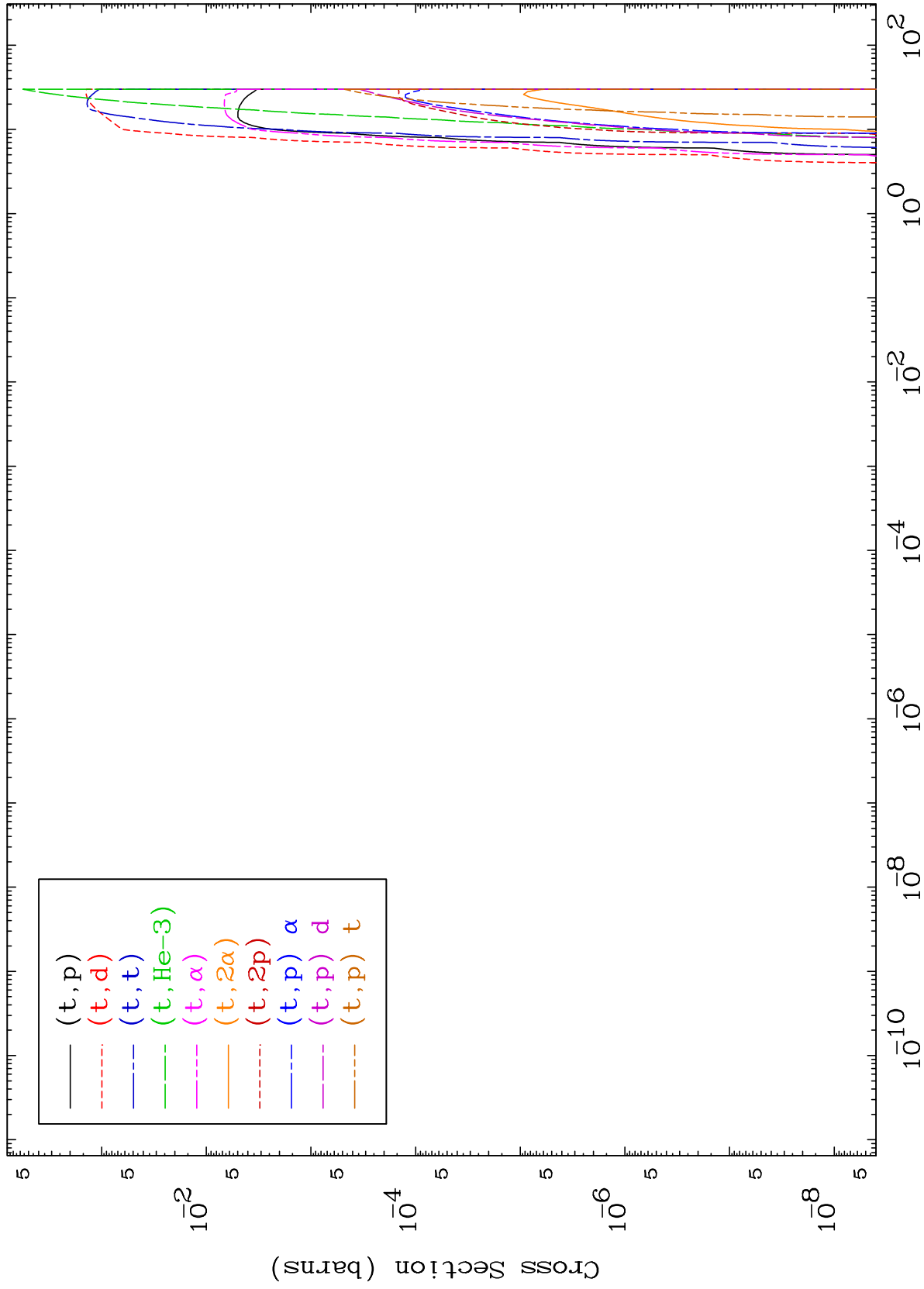
79-Au-186



MAT 7892

Triton Charged Particle
0 Kelvin Cross Sections

79-Au-186



5

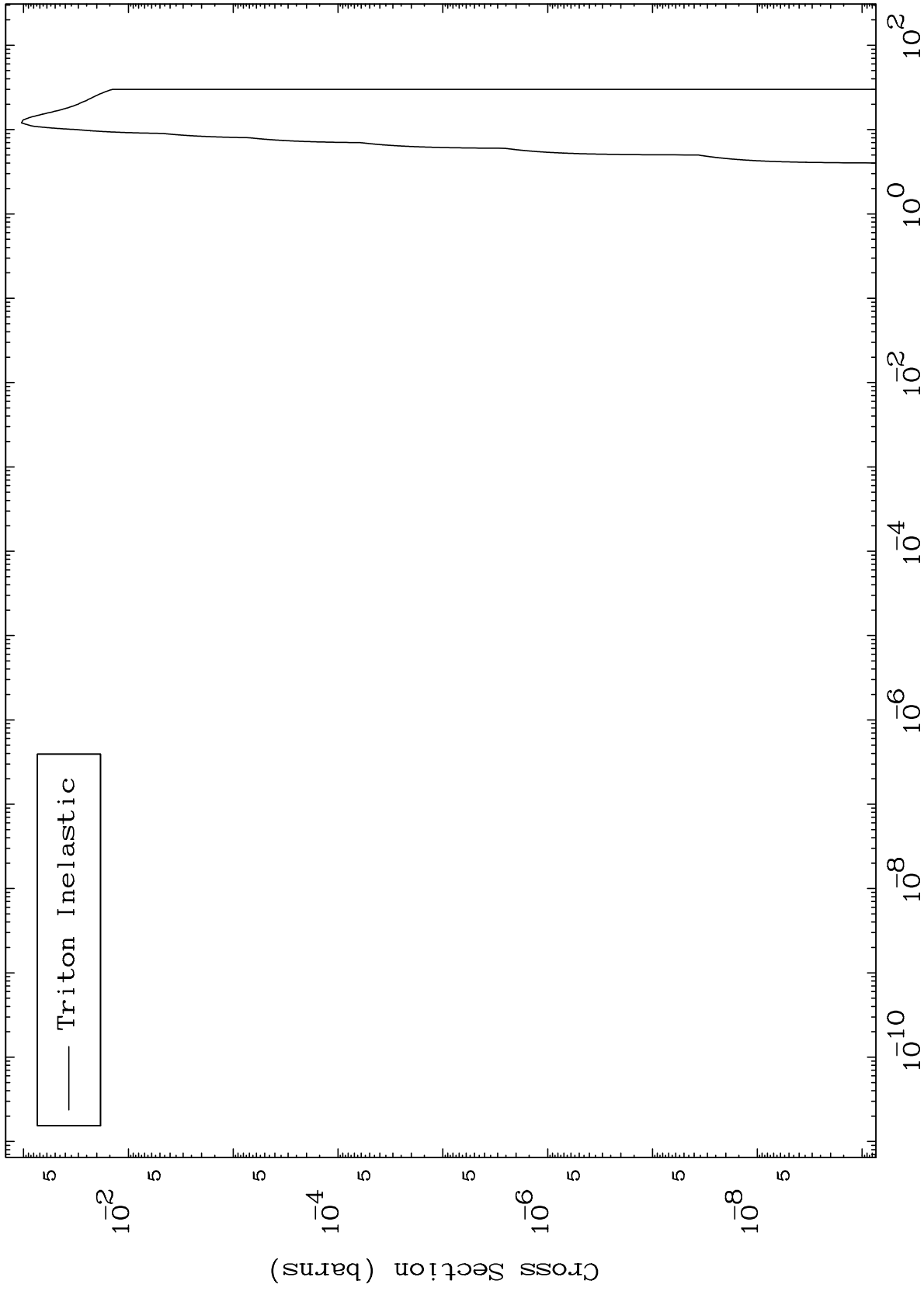
Incident Energy (MeV)

79-Au-186

MAT 7892

(t,n') Level
0 Kelvin Cross Sections

79-Au-186



6

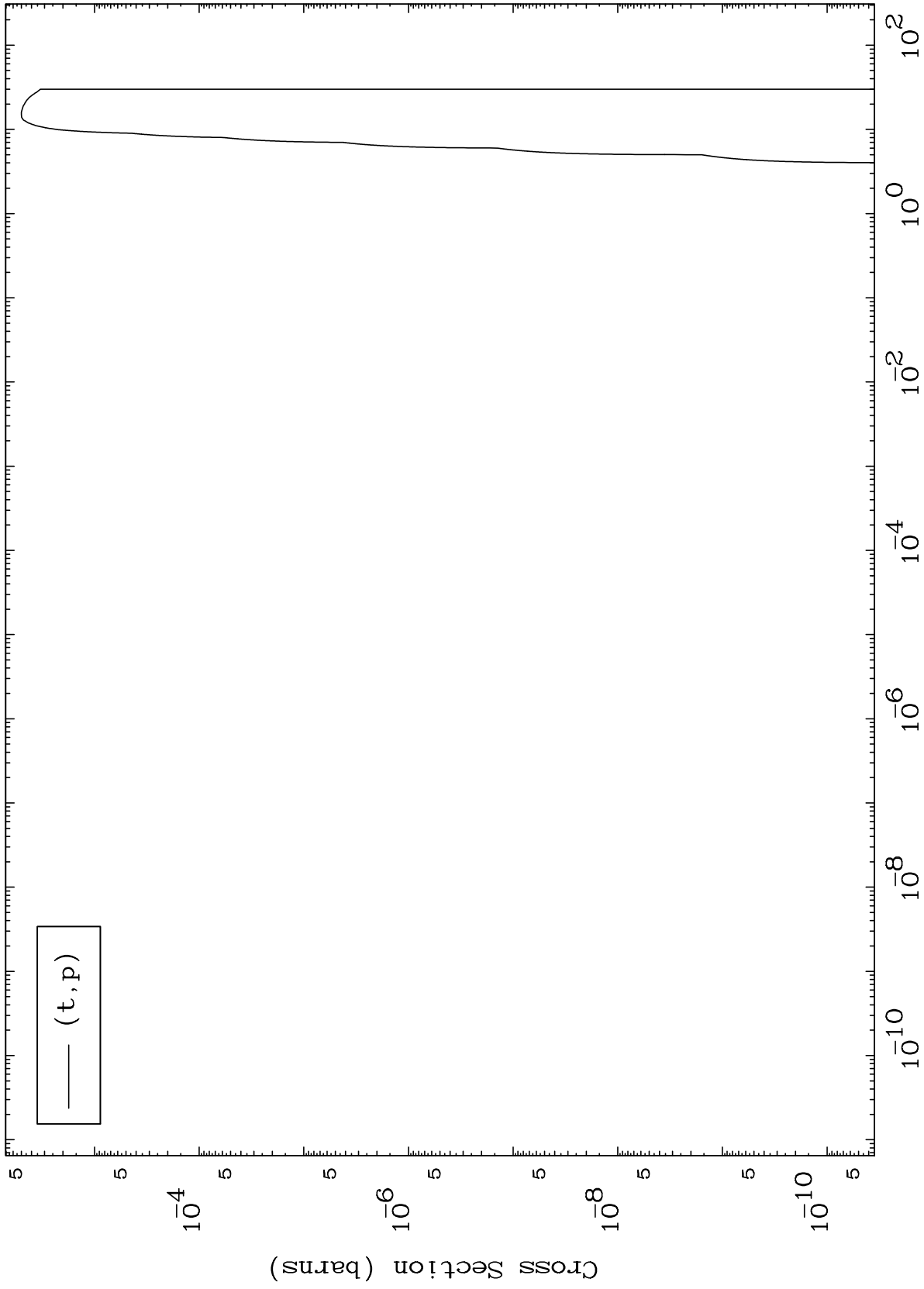
Incident Energy (MeV)

79-Au-186

MAT 7892

(t,p) Levels
0 Kelvin Cross Sections

79-Au-186



7

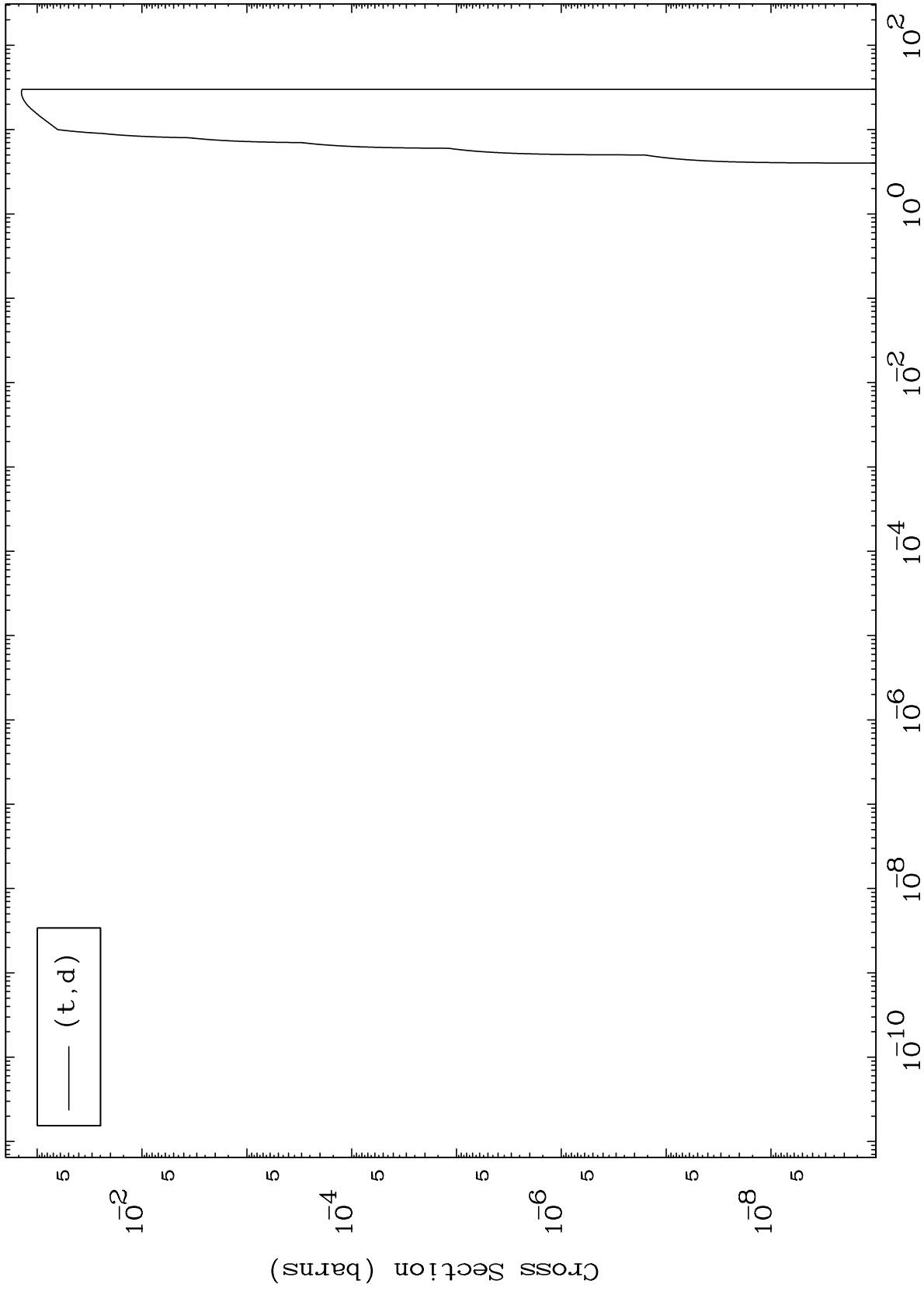
Incident Energy (MeV)

79-Au-186

MAT 7892

(t,d) Levels
0 Kelvin Cross Sections

79-Au-186



8

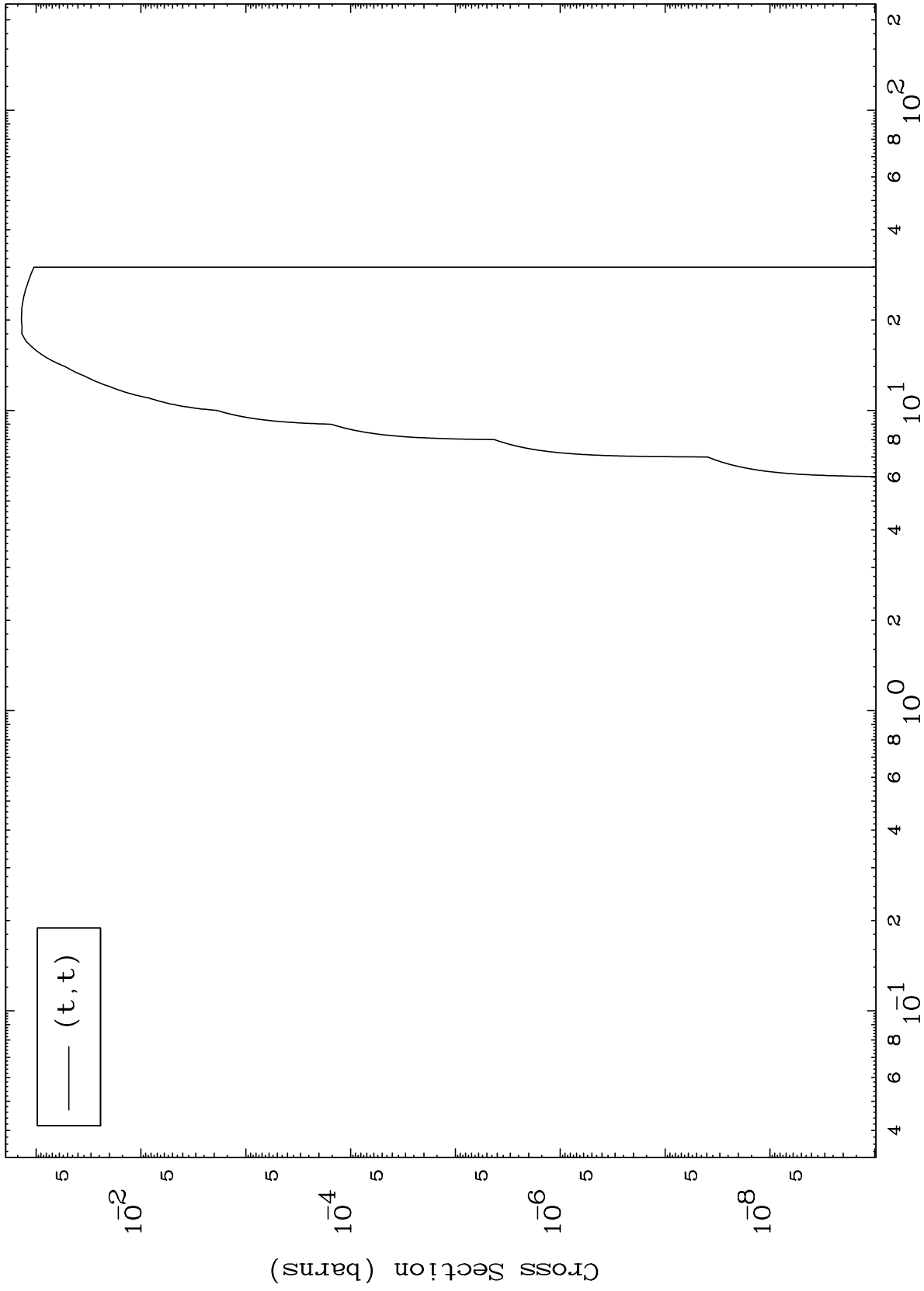
Incident Energy (MeV)

79-Au-186

MAT 7892

(t,t) Levels
0 Kelvin Cross Sections

79-Au-186



9

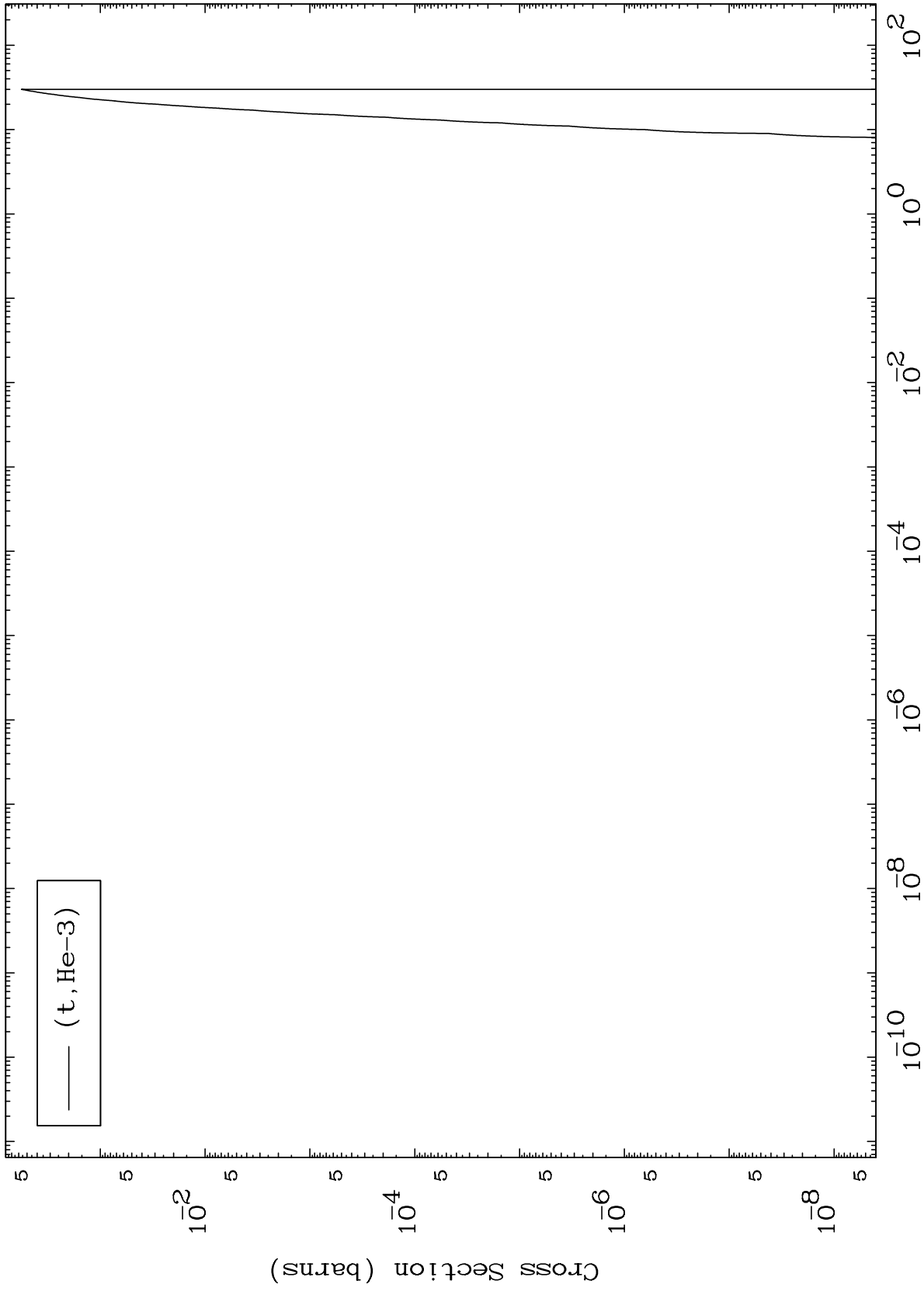
Incident Energy (MeV)

79-Au-186

MAT 7892

(t,He3) Levels
0 Kelvin Cross Sections

79-Au-186



(t, He-3)

10

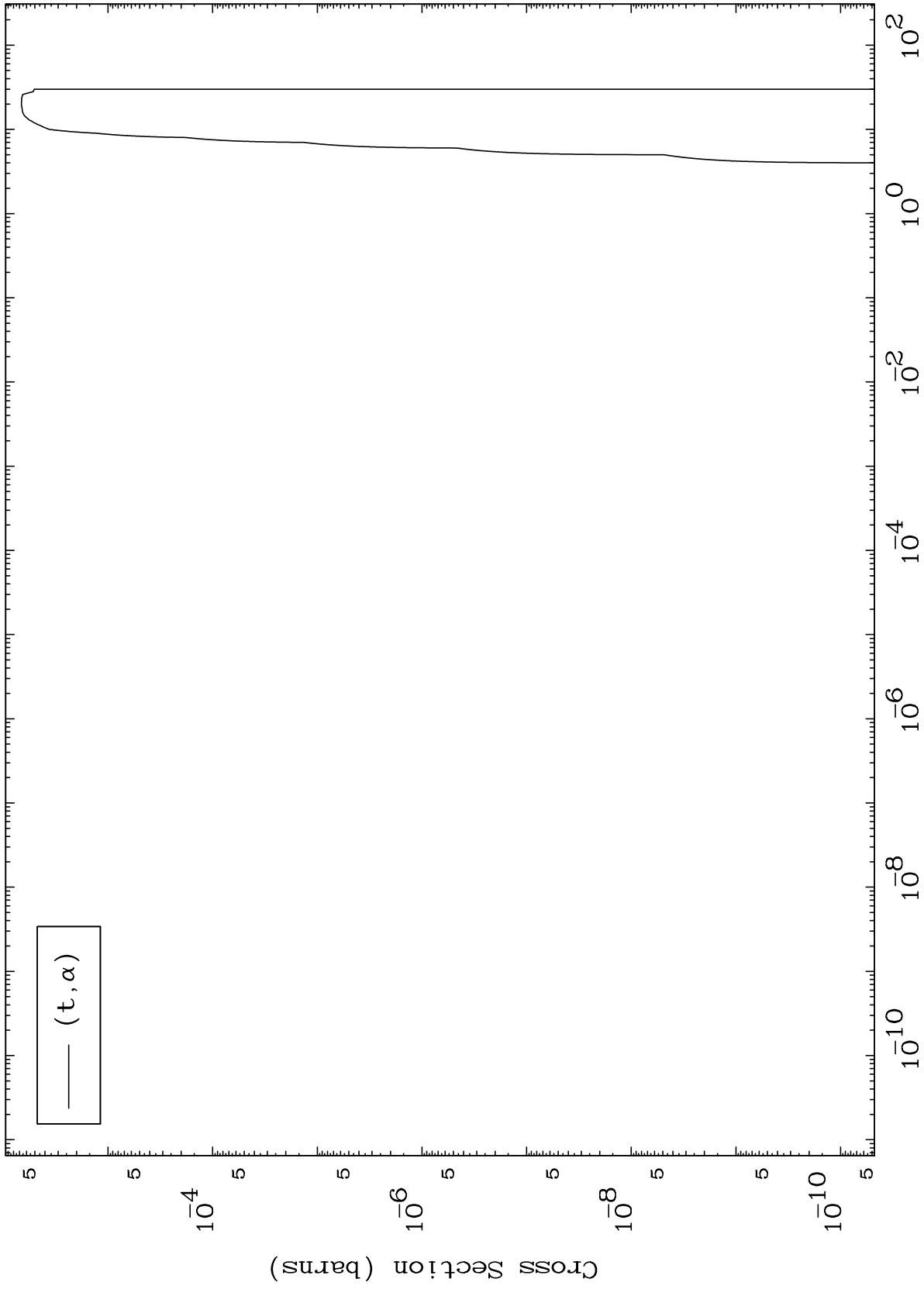
Incident Energy (MeV)

79-Au-186

MAT 7892

(t,α) Levels
0 Kelvin Cross Sections

79-Au-186



11

Incident Energy (MeV)

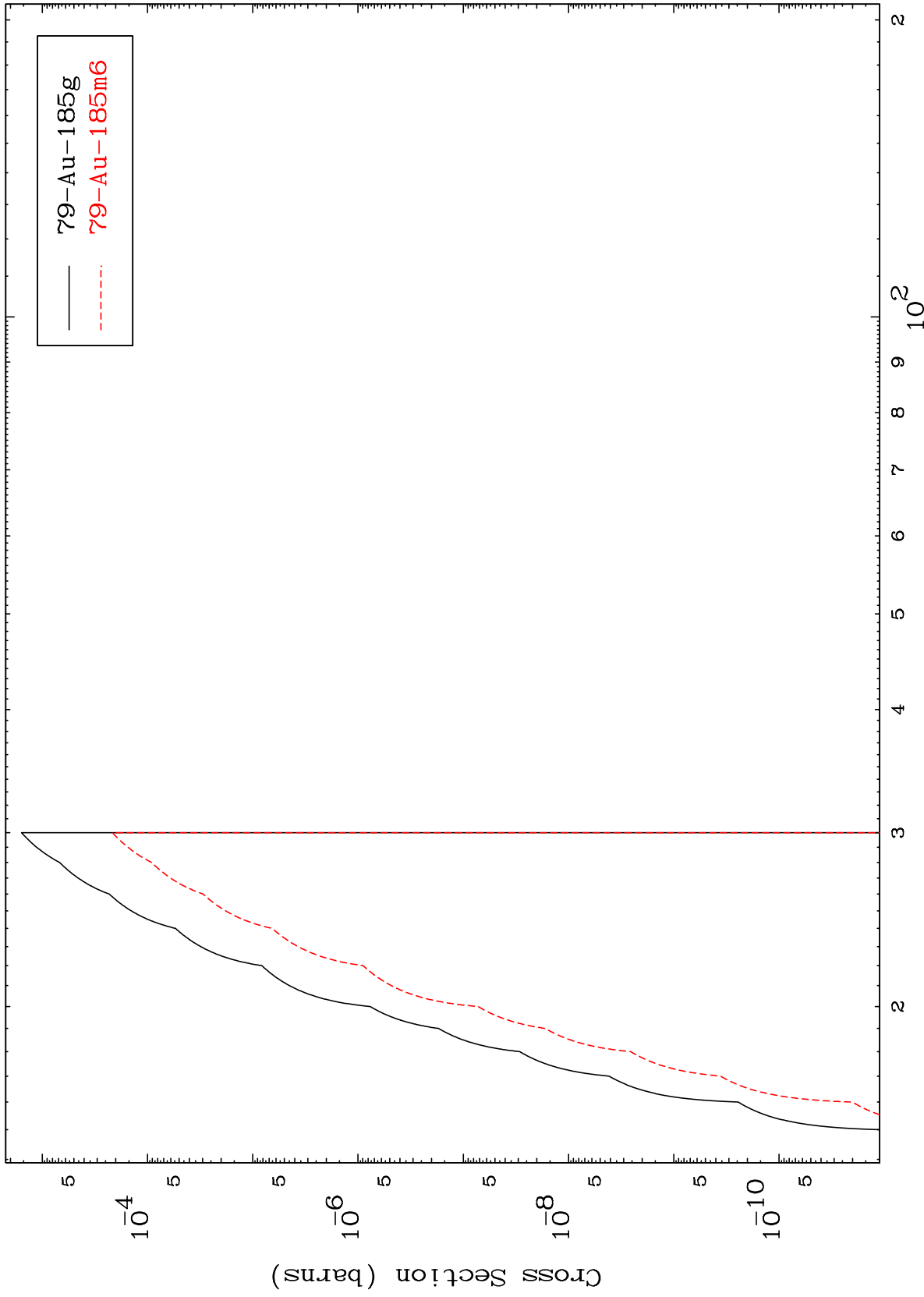
79-Au-186

MAT 7892

(t,2n) d

⁷⁹Au-186

Radionuclide Production Cross Section



12

Incident Energy (MeV)

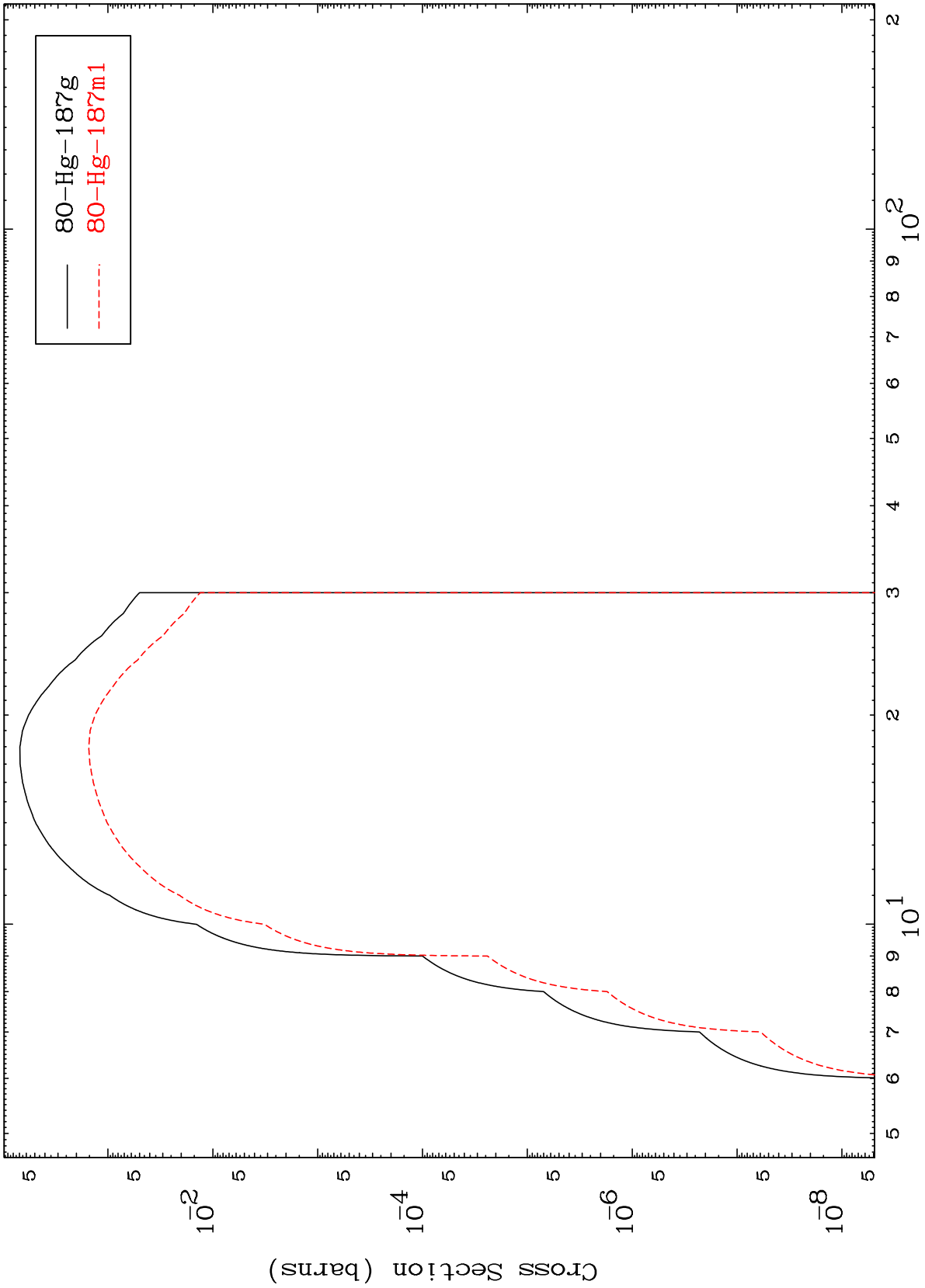
⁷⁹Au-186

MAT 7892

(t,2n)

79-Au-186

Radionuclide Production Cross Section



13

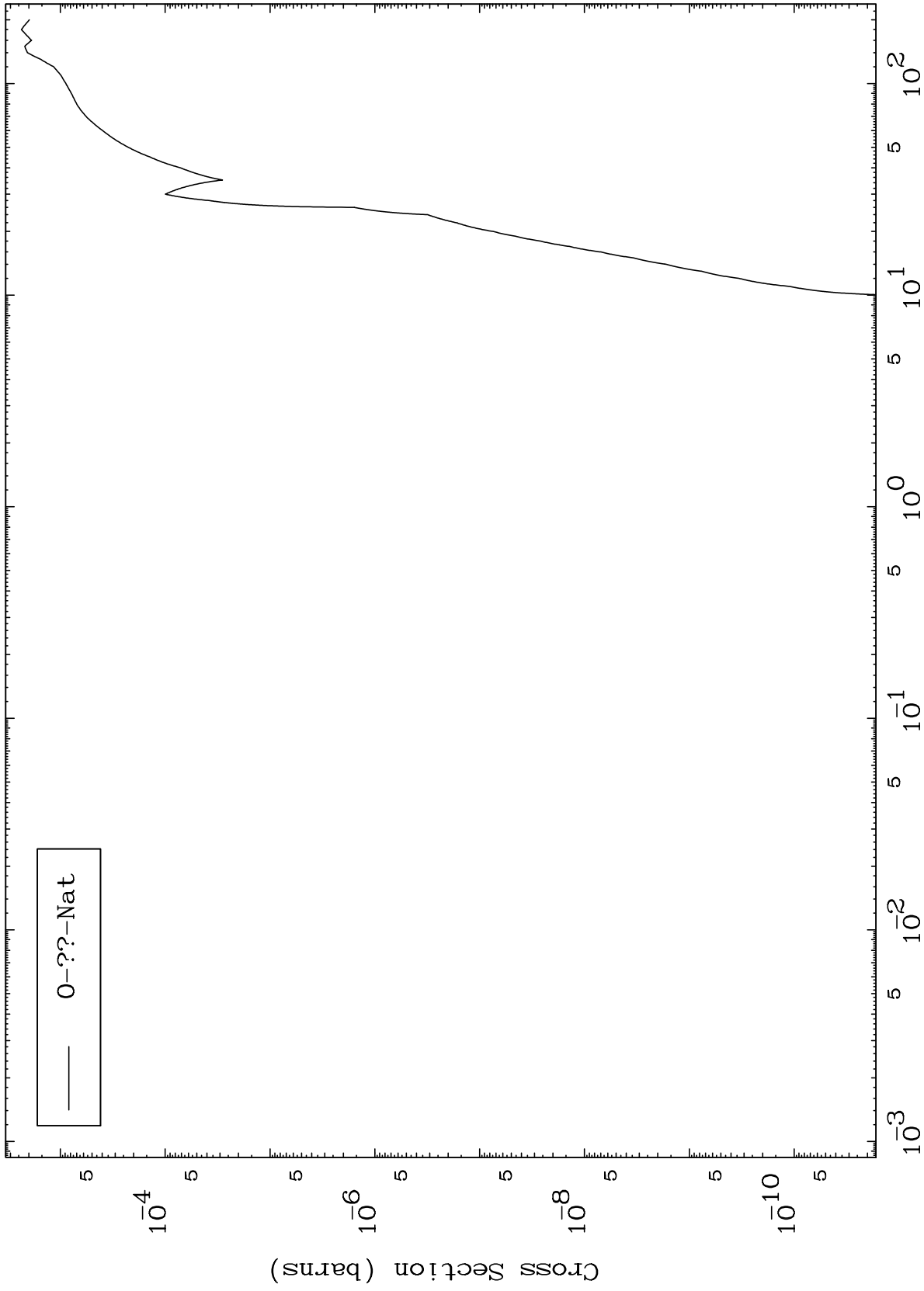
Incident Energy (MeV)

79-Au-186

MAT 7892

Triton Fission
Radionuclide Production Cross Section

79-Au-186



14

Incident Energy (MeV)

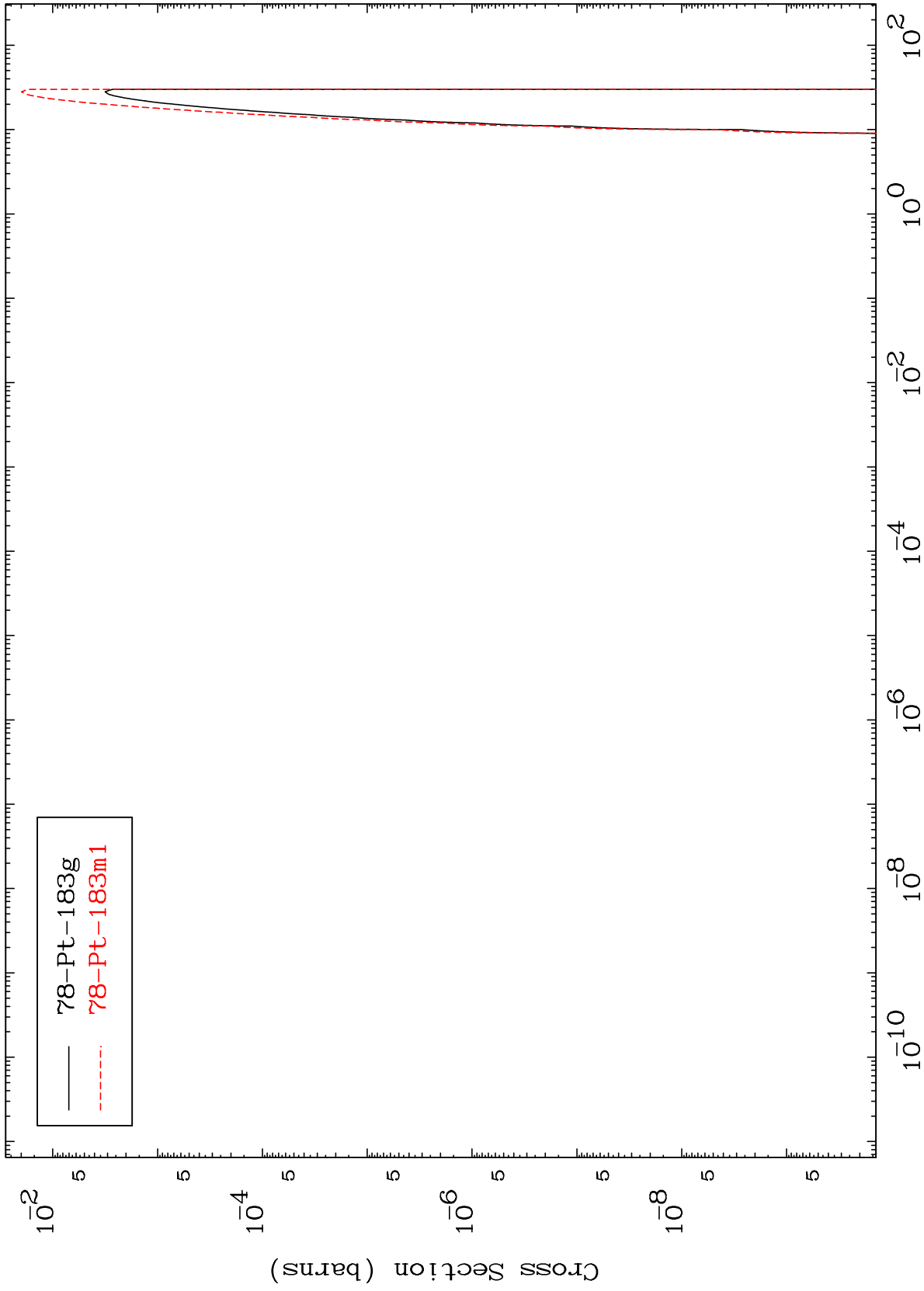
79-Au-186

MAT 7892

$(t, 2n) \alpha$

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

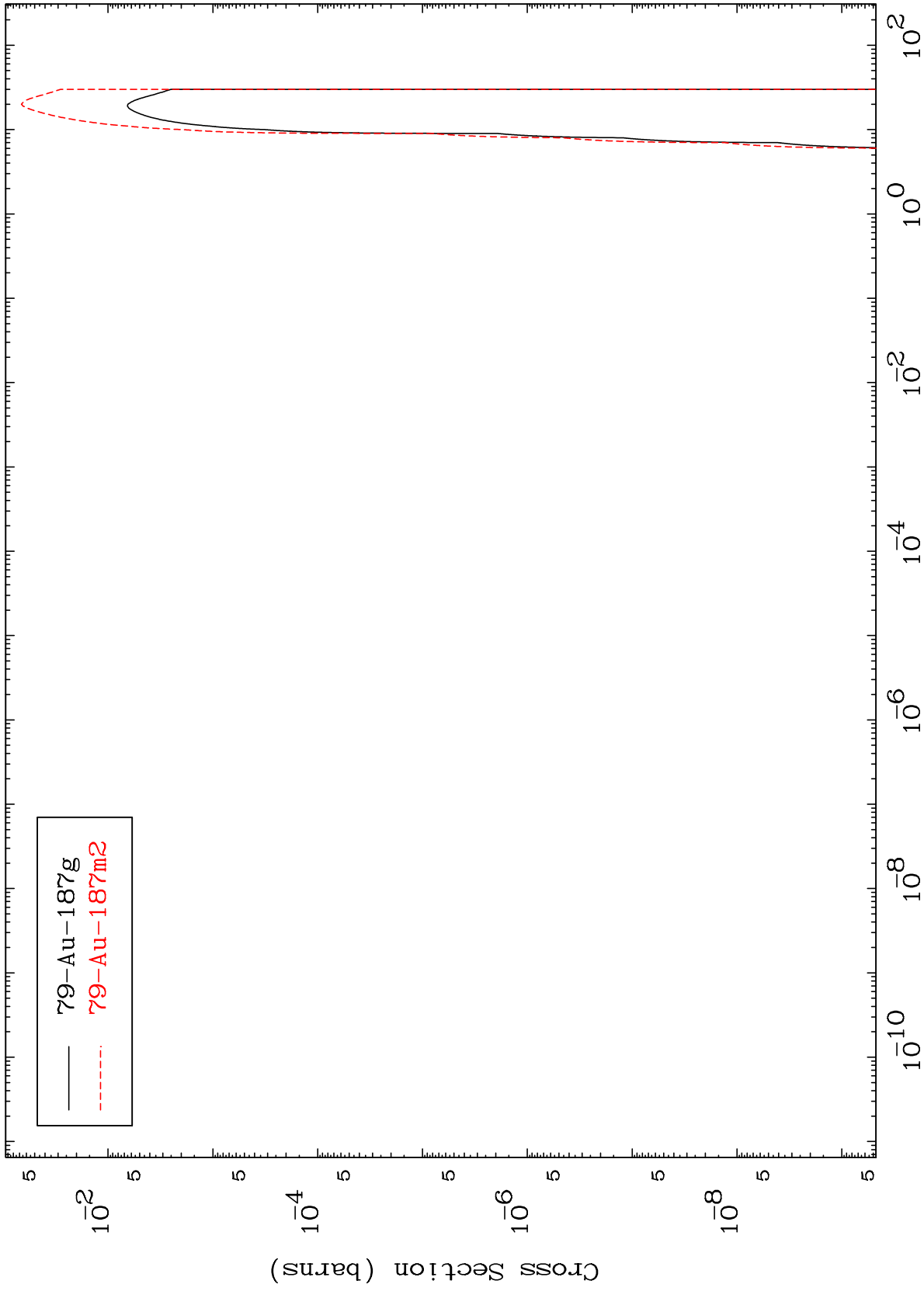
$^{79}\text{Au-186}$

MAT 7892

(t,n') p

⁷⁹Au-186

Radionuclide Production Cross Section



16

Incident Energy (MeV)

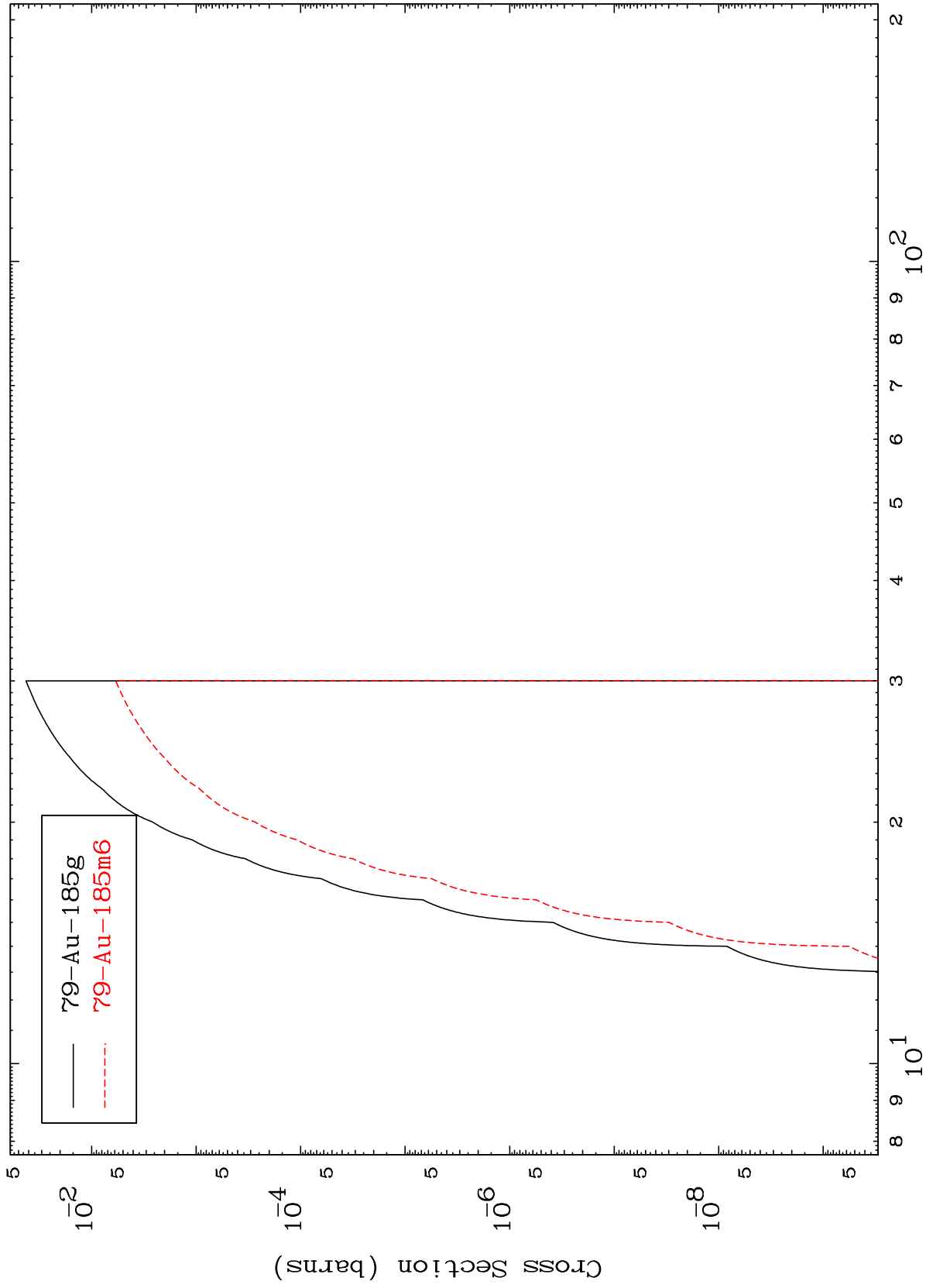
⁷⁹Au-186

MAT 7892

(t,n') t

⁷⁹Au-186

Radionuclide Production Cross Section



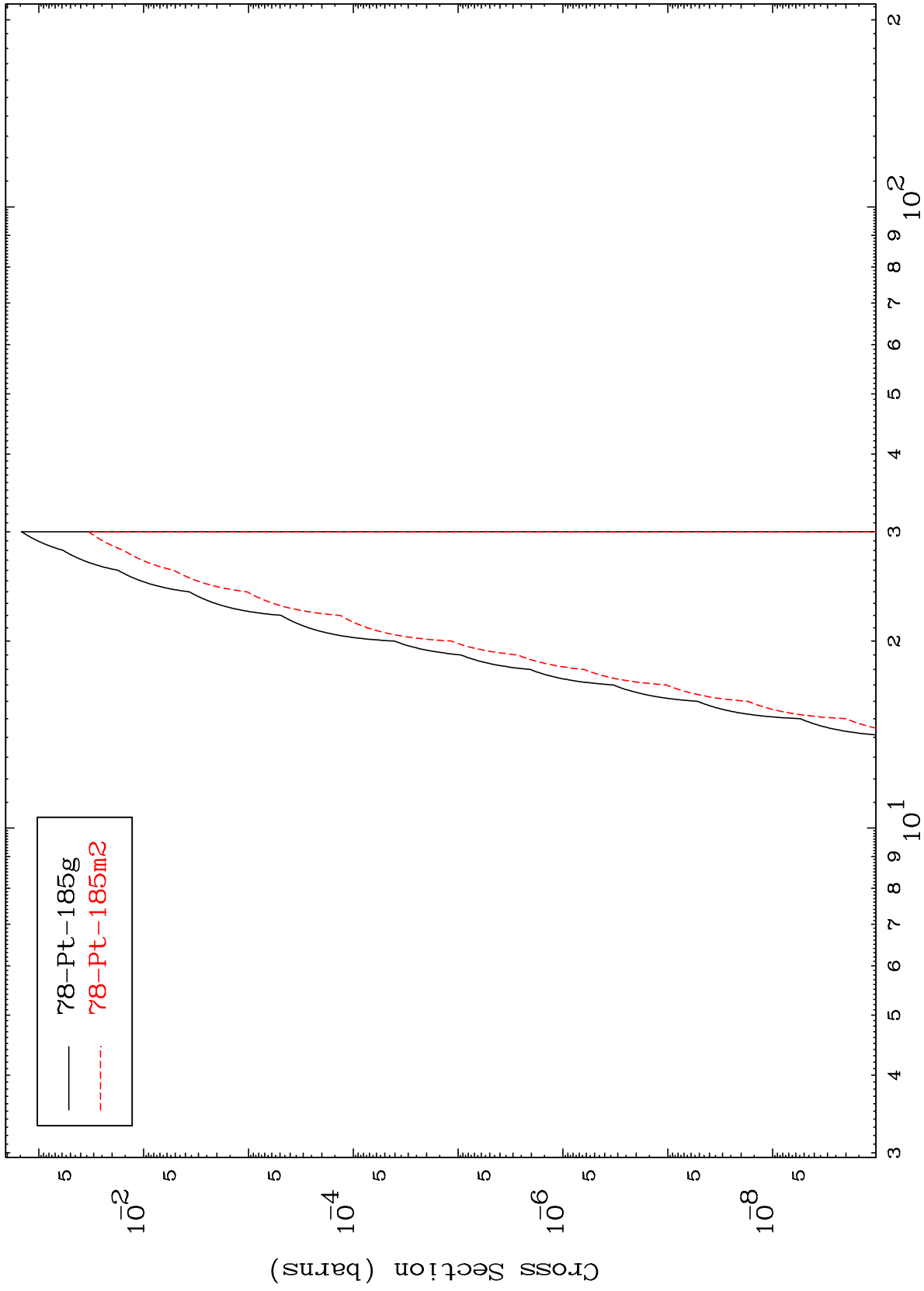
17

MAT 7892

(t, n') He-3

79-Au-186

Radionuclide Production Cross Section



18

Incident Energy (MeV)

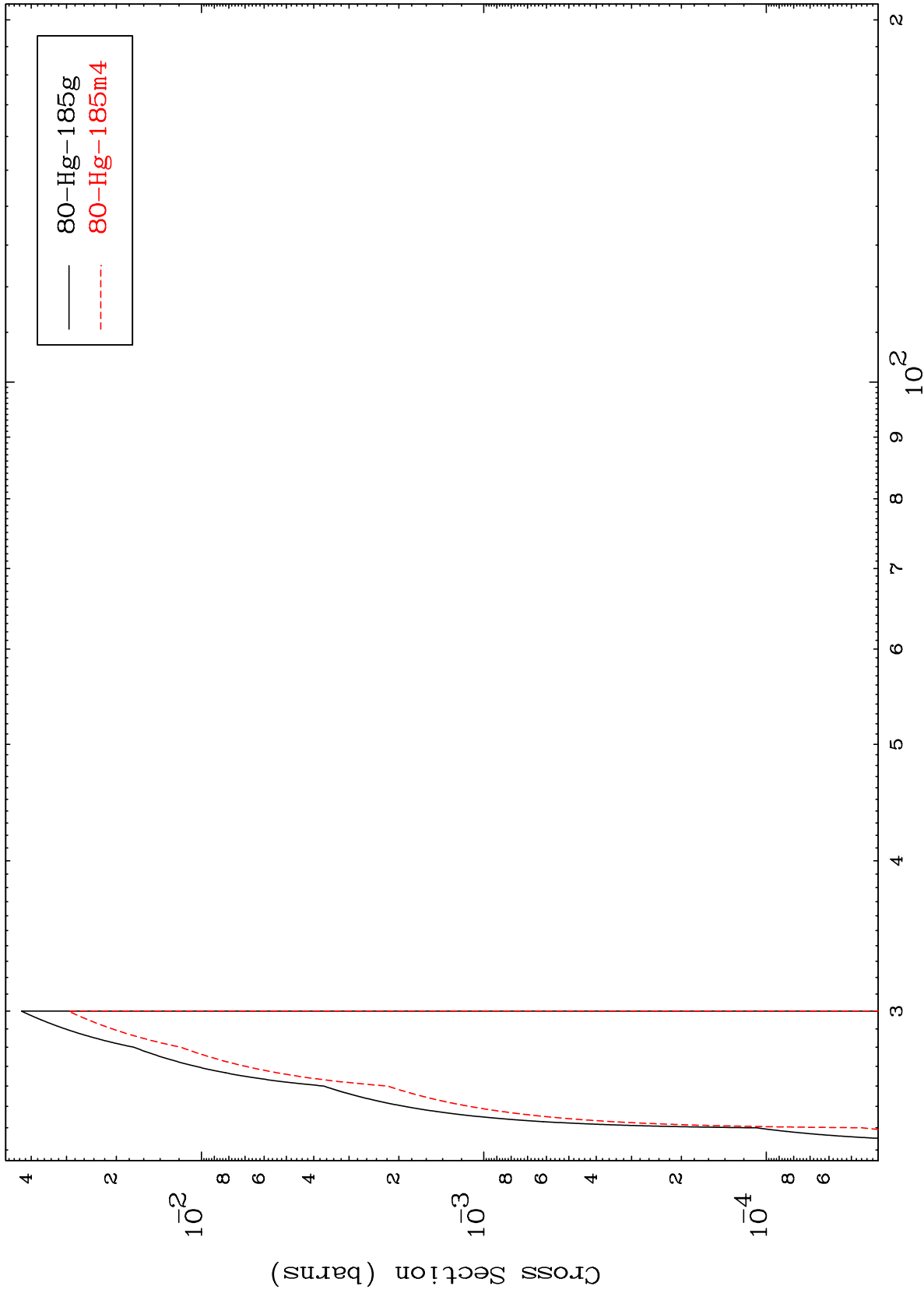
79-Au-186

MAT 7892

(t,4n)

79-Au-186

Radionuclide Production Cross Section



19

Incident Energy (MeV)

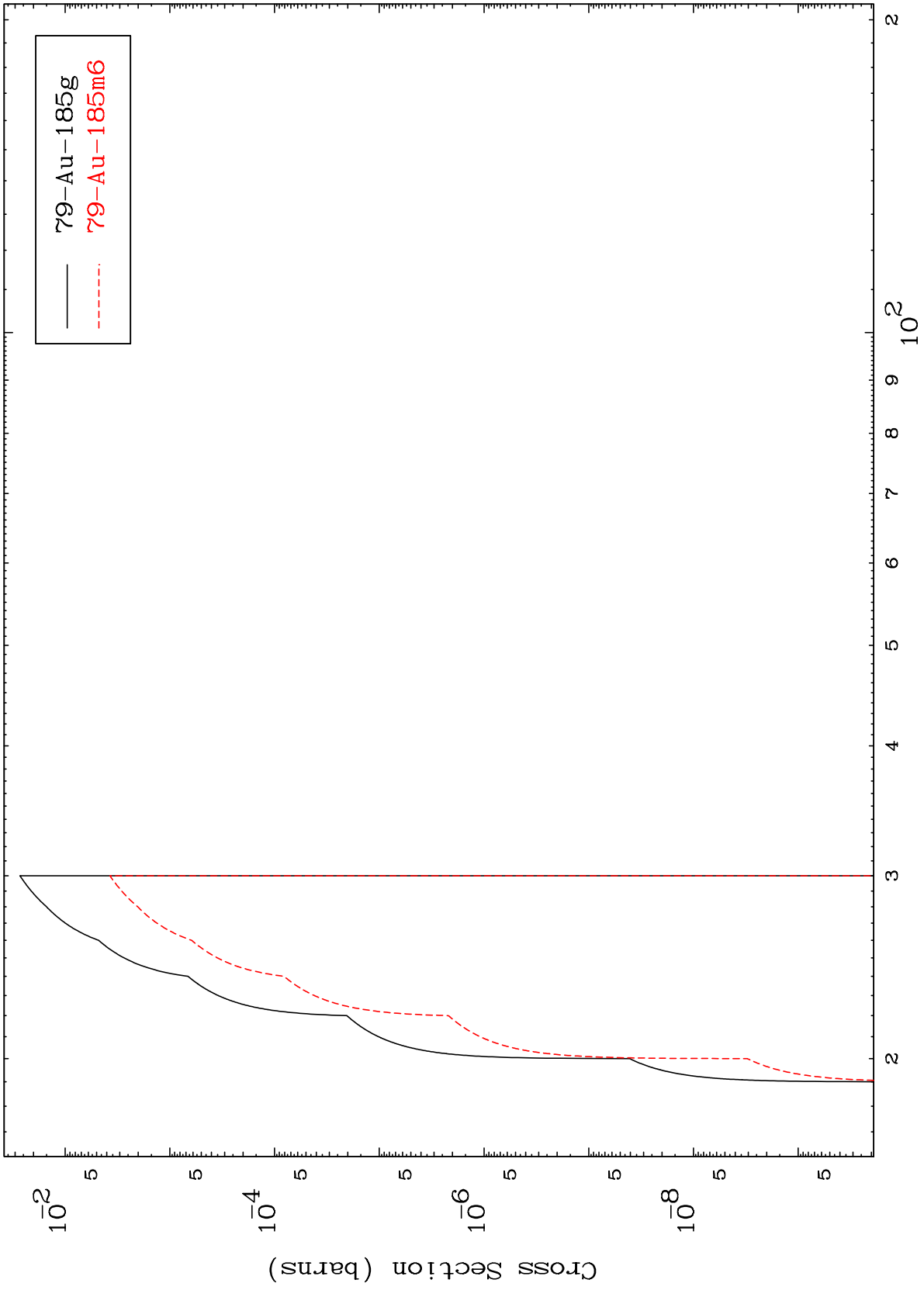
79-Au-186

MAT 7892

(t,3n) p

⁷⁹Au-186

Radionuclide Production Cross Section



20

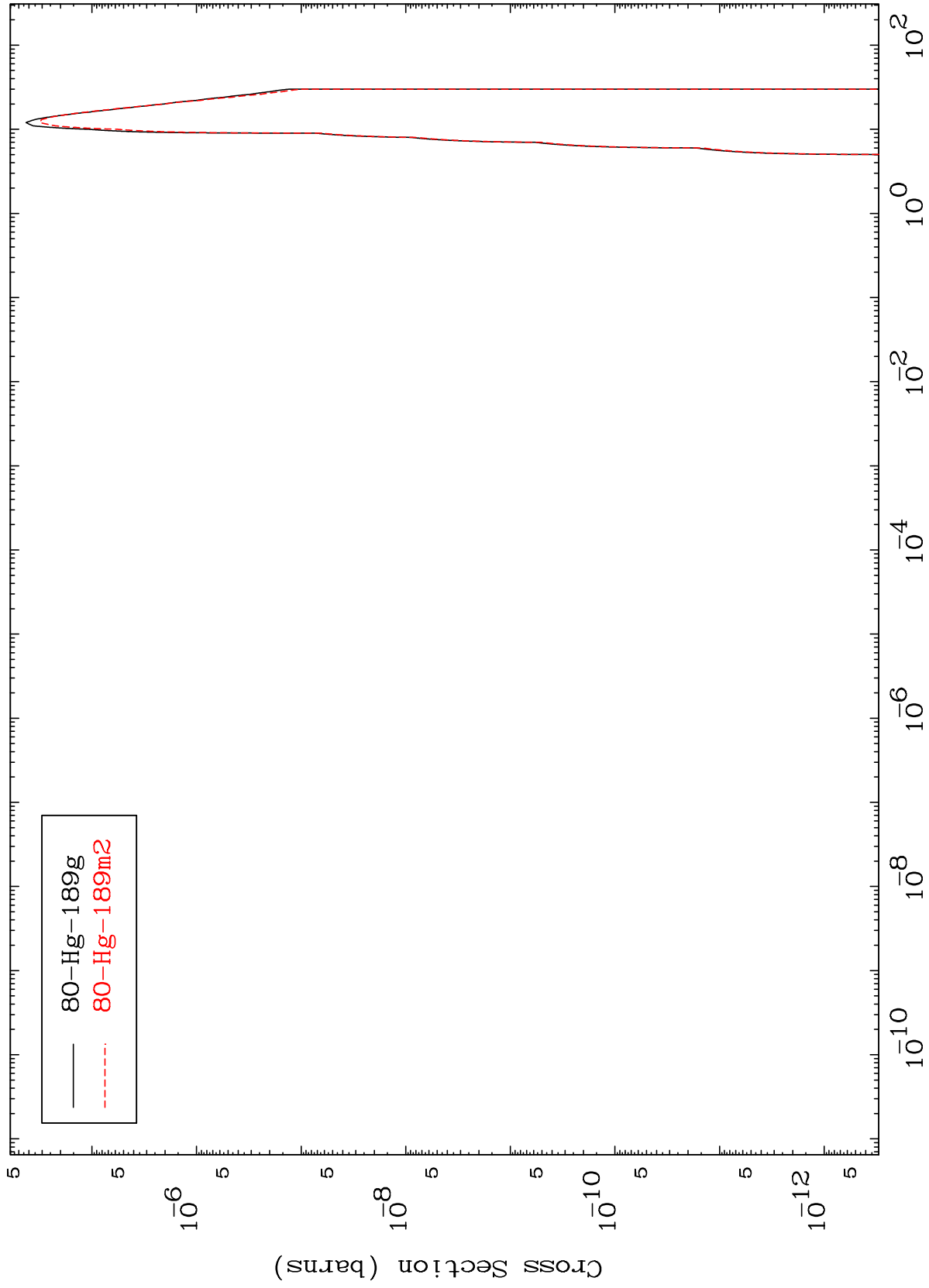
Incident Energy (MeV)

⁷⁹Au-186

MAT 7892

(t,γ)
Radionuclide Production Cross Section

79-Au-186



21

Incident Energy (MeV)

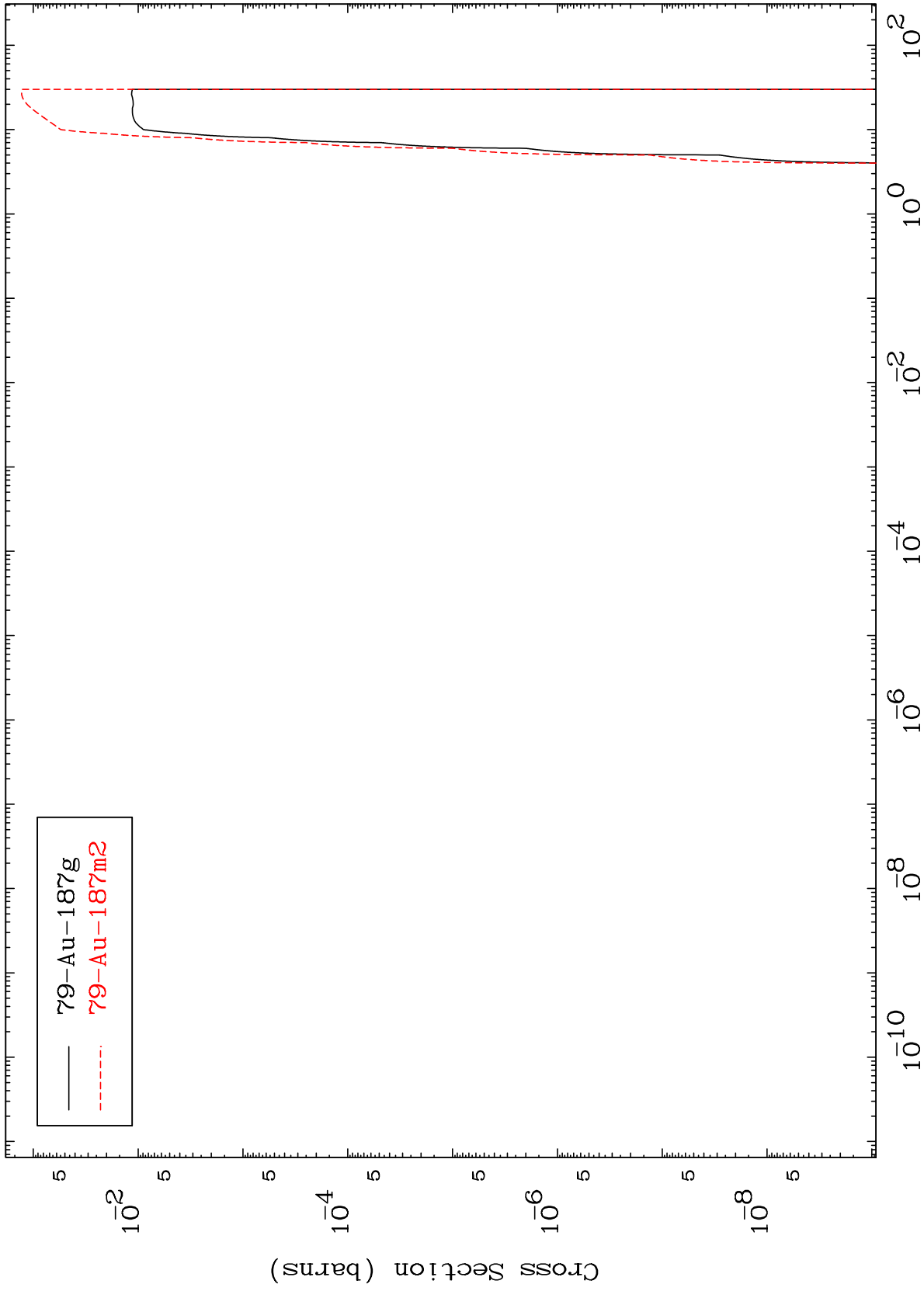
79-Au-186

MAT 7892

(t,d)

⁷⁹Au-186

Radionuclide Production Cross Section

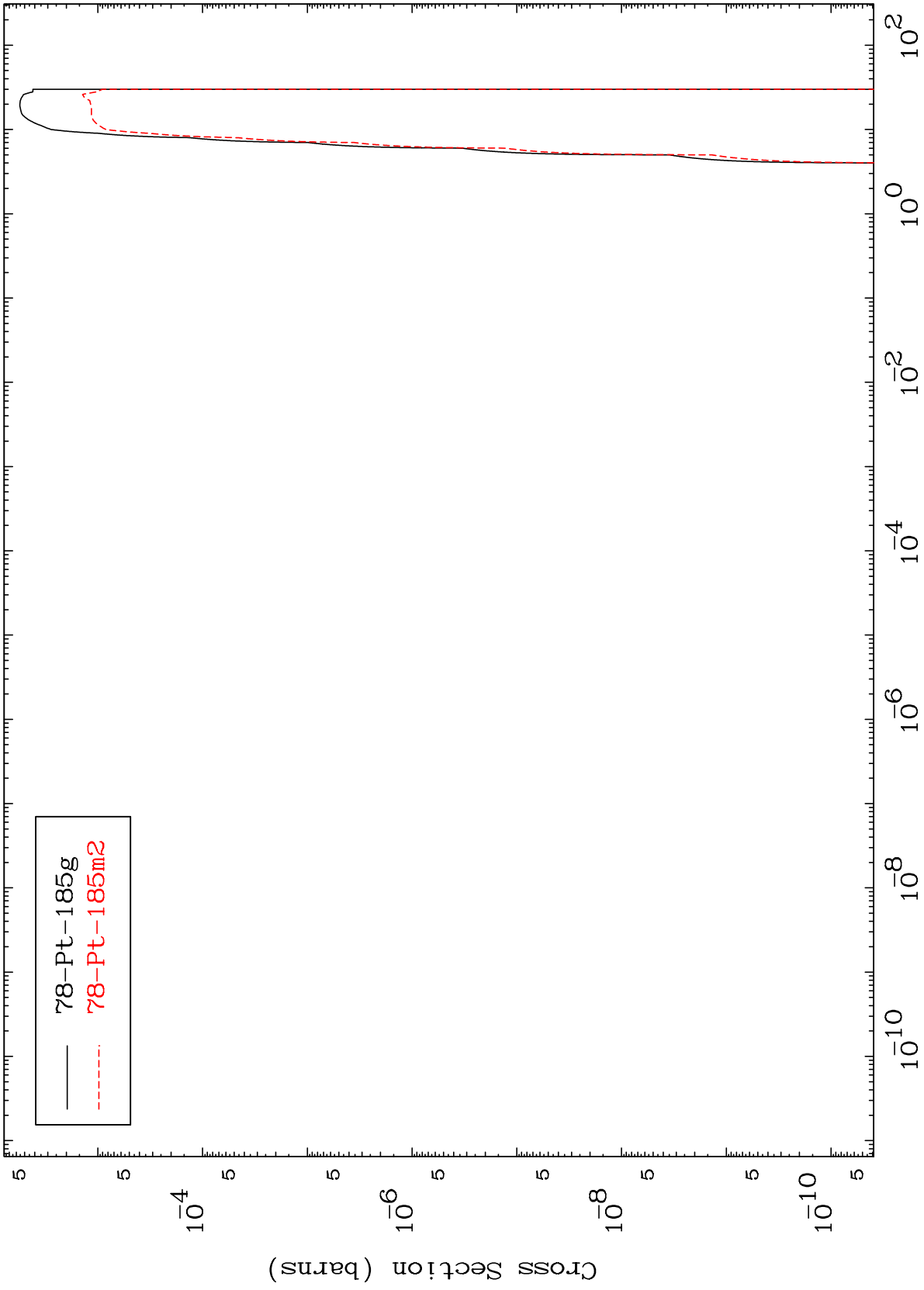


MAT 7892

(t, α)

⁷⁹Au-186

Radionuclide Production Cross Section

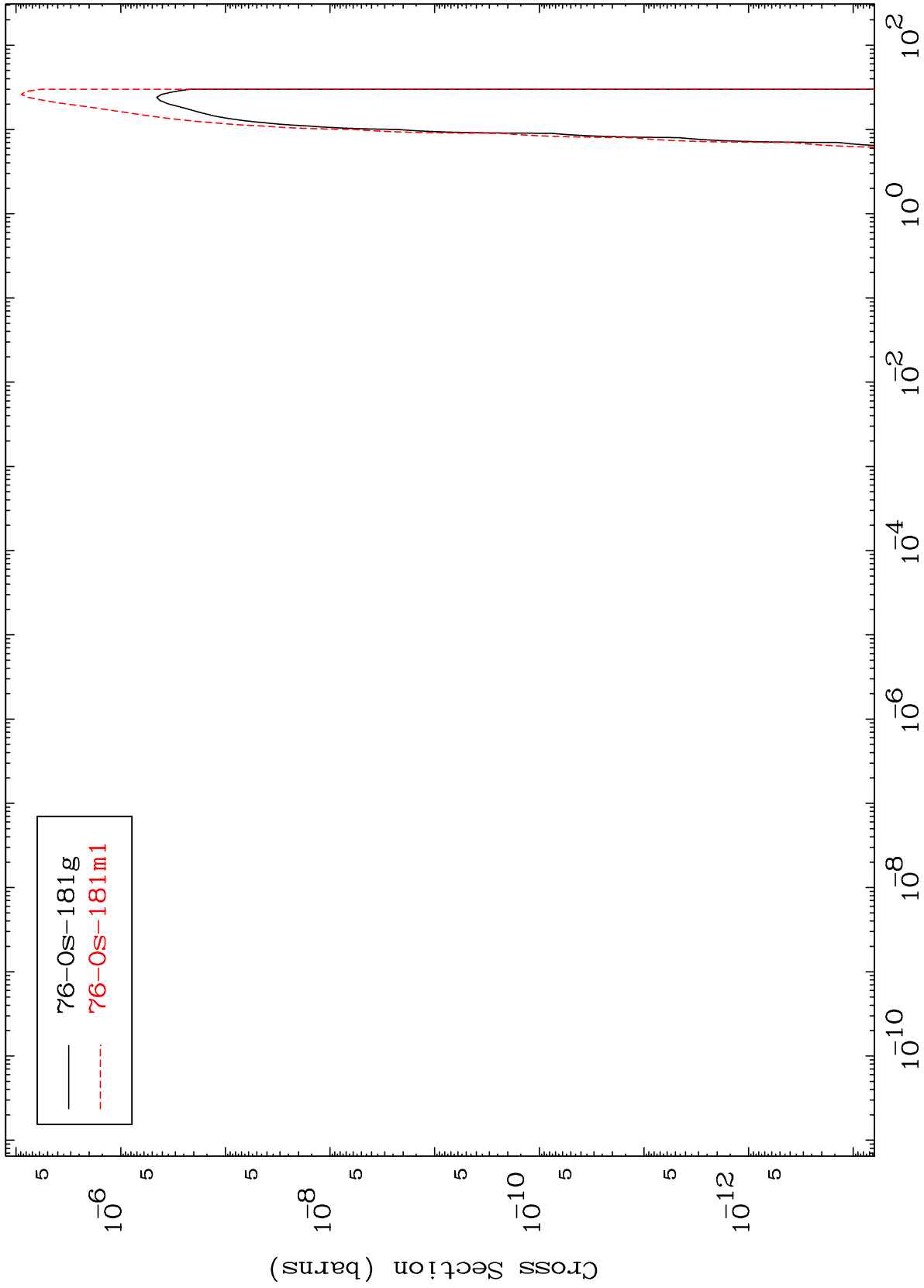


MAT 7892

(t, 2α)

79-Au-186

Radionuclide Production Cross Section



24

Incident Energy (MeV)

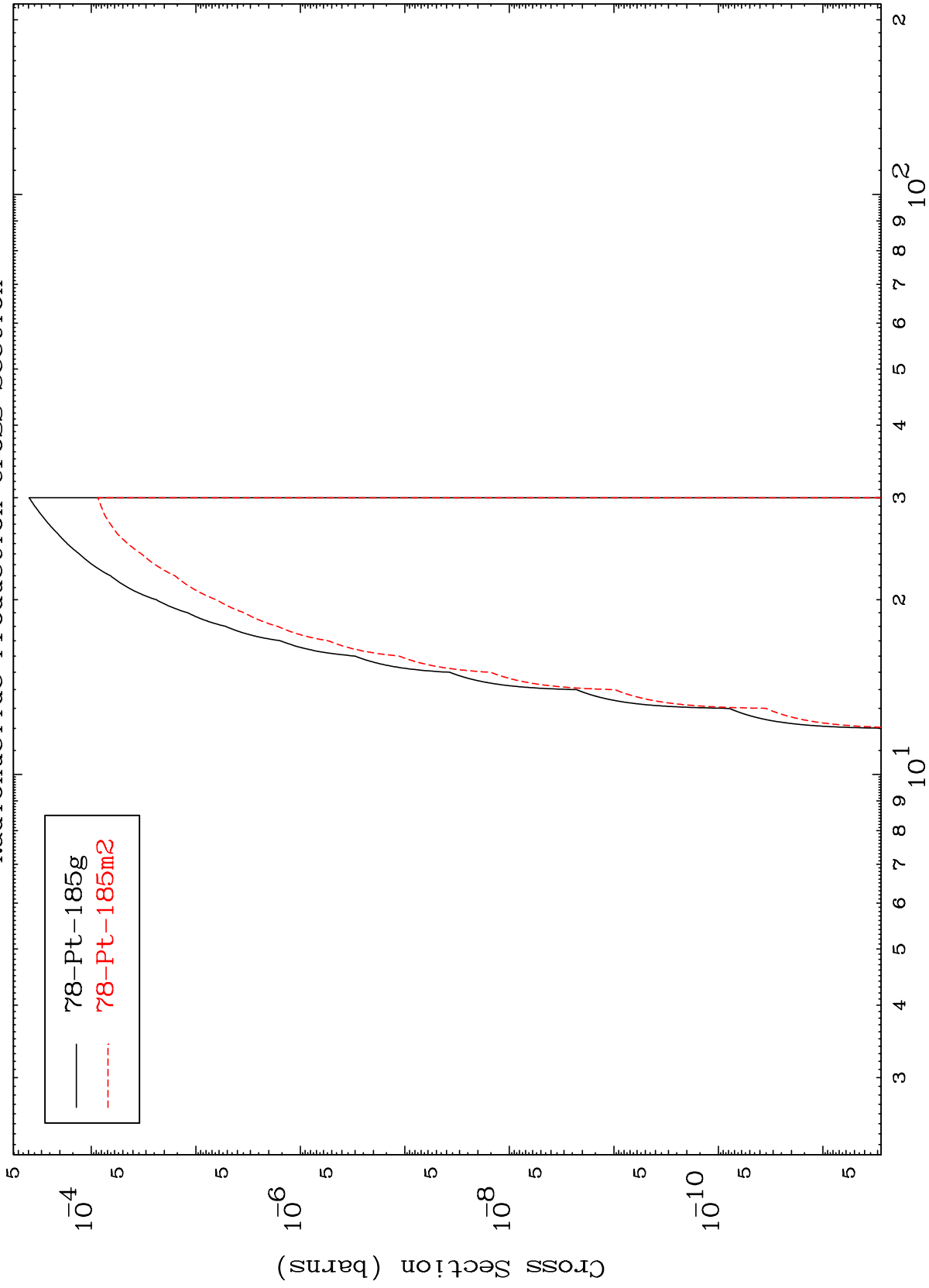
79-Au-186

MAT 7892

(t,p) t

79-Au-186

Radionuclide Production Cross Section



25

79-Au-186

79-Au-186