

Program EVALPLOT
(Version 2021-1)

by

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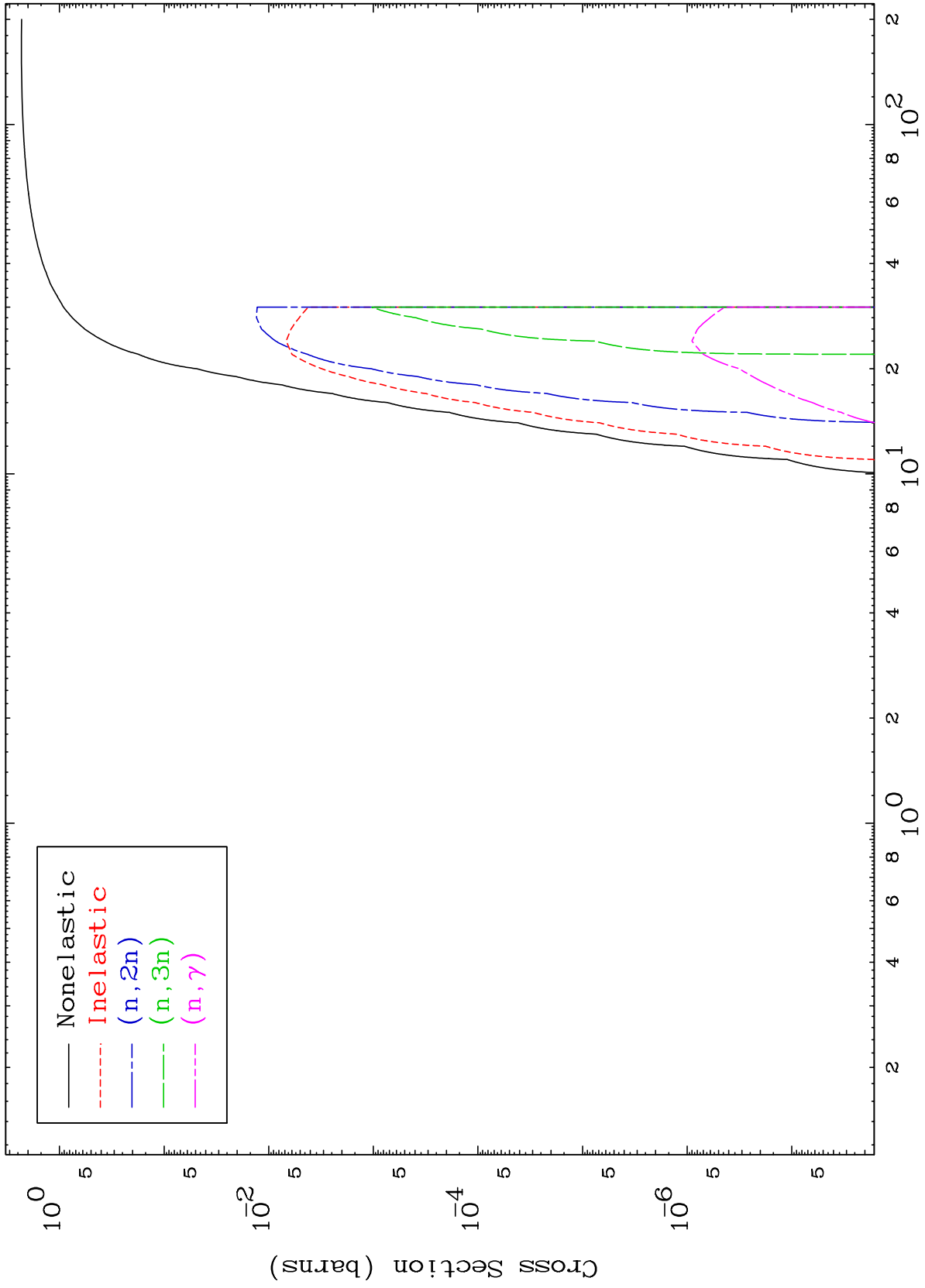
Press Mouse Button to Start

MAT 7890

He-3 Major

79-Au-185m

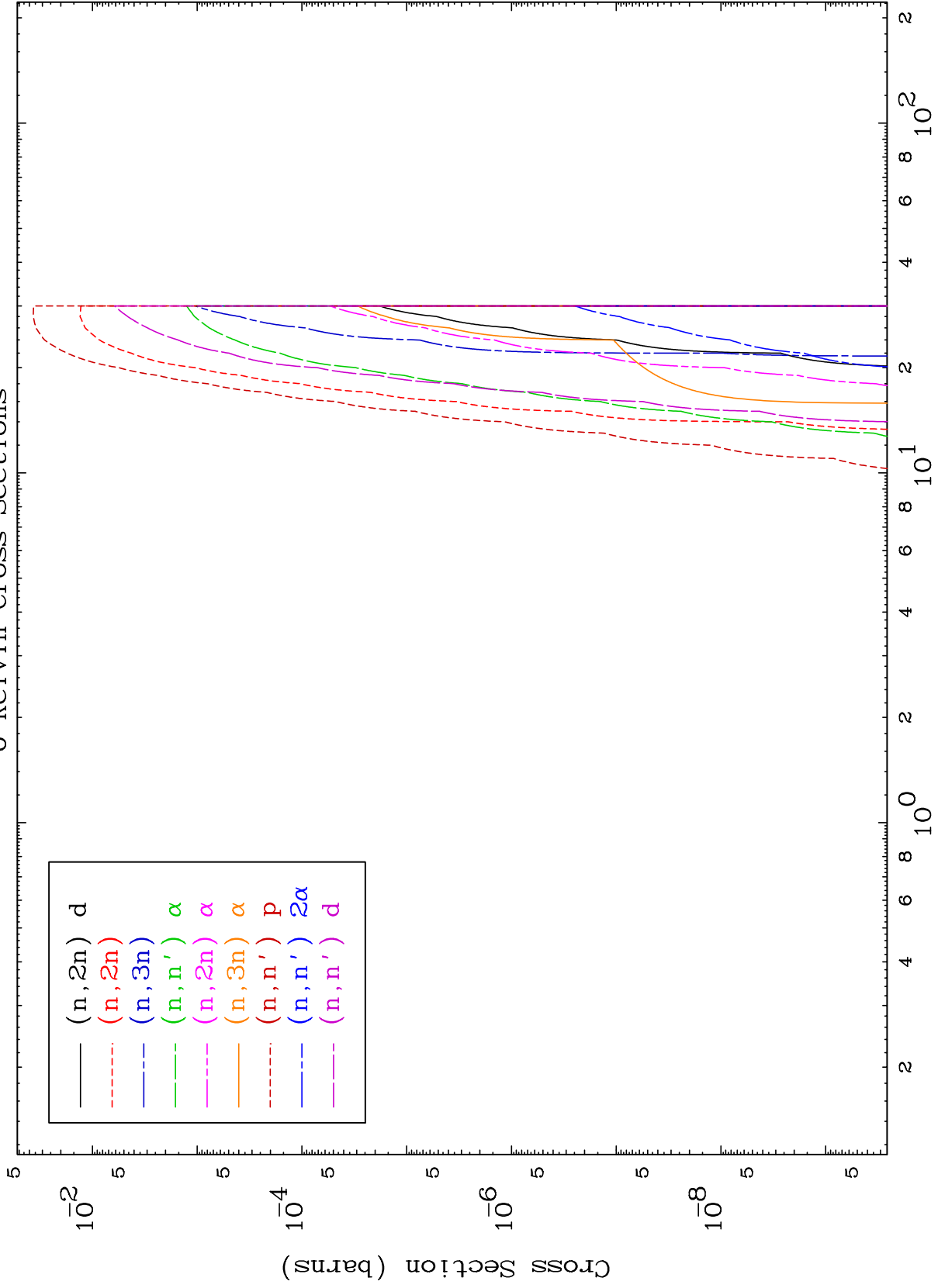
0 Kelvin Cross Sections



MAT 7890

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-185m



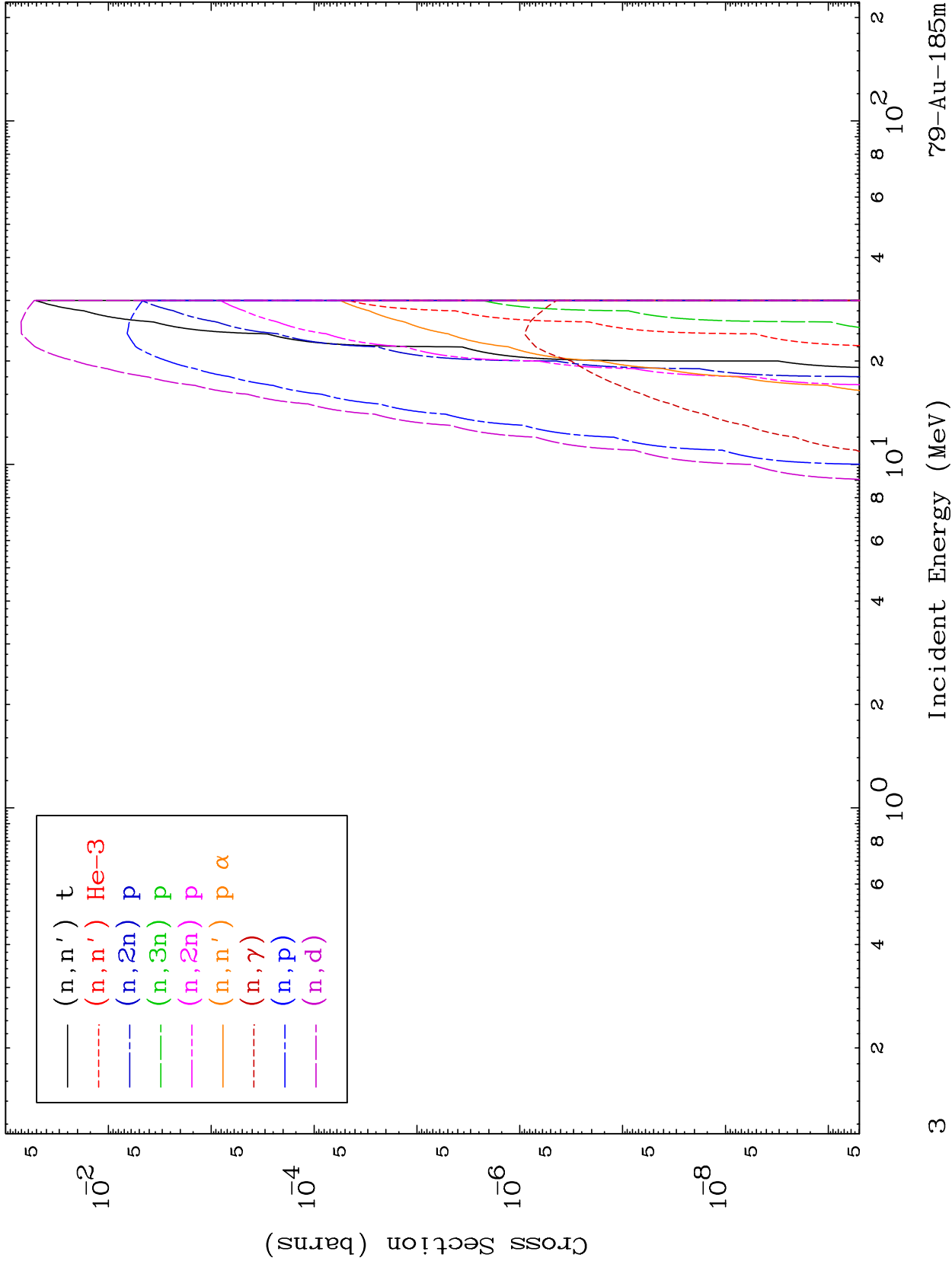
79-Au-185m

Incident Energy (MeV)

MAT 7890

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-185m



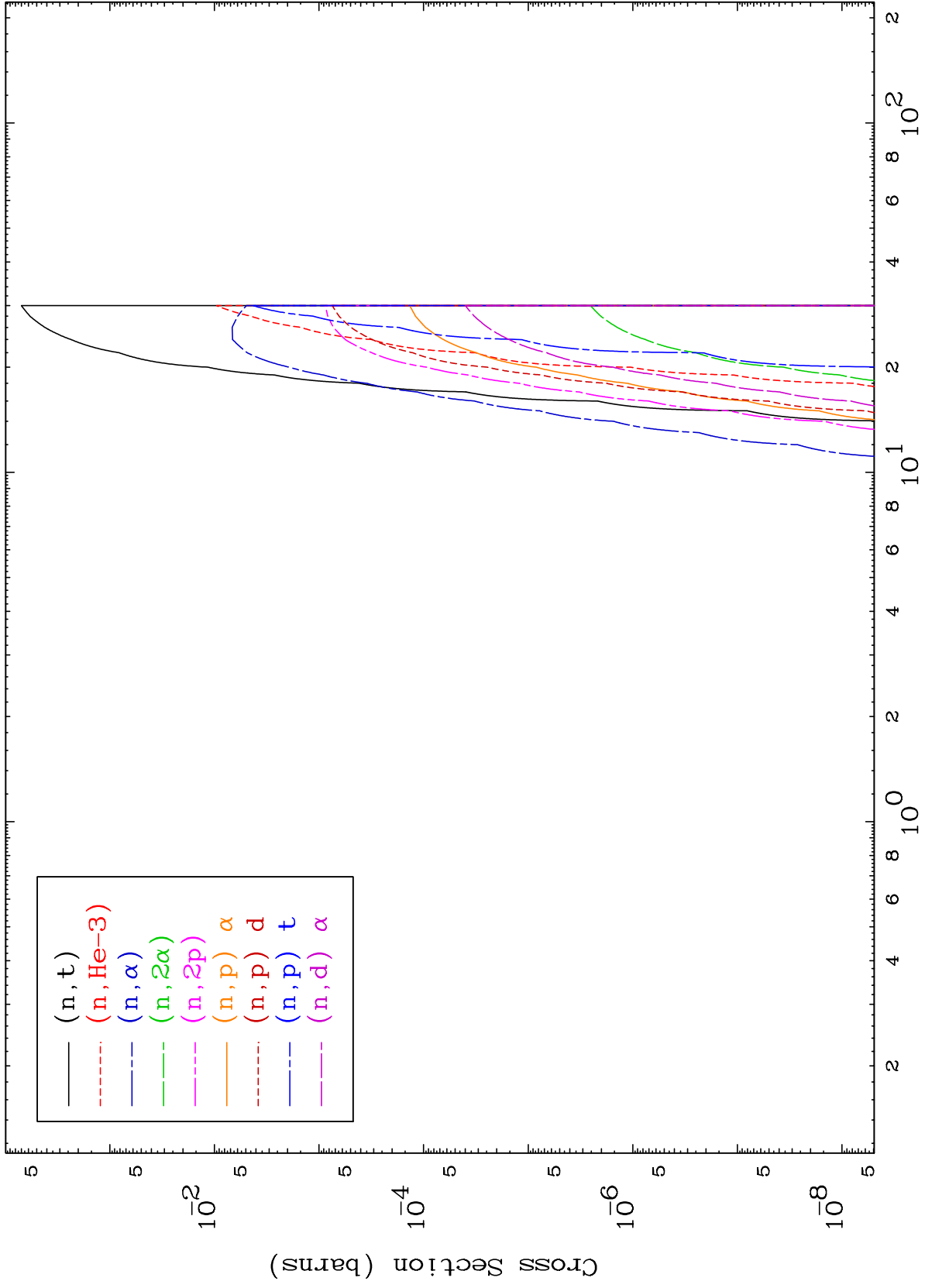
79-Au-185m

Incident Energy (MeV)

MAT 7890

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-185m



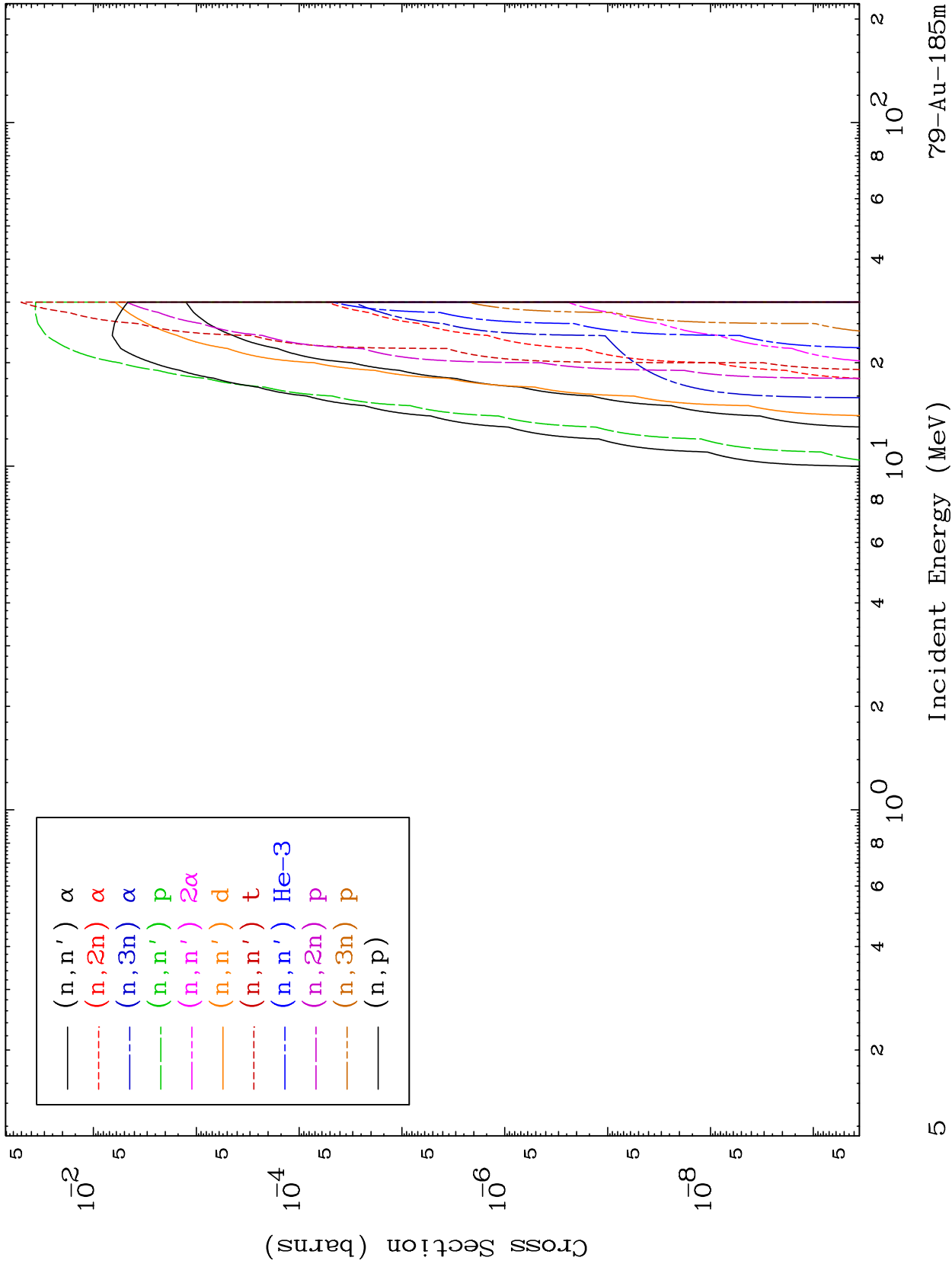
79-Au-185m

Incident Energy (MeV)

MAT 7890

He-3 Charged Particle
0 Kelvin Cross Sections

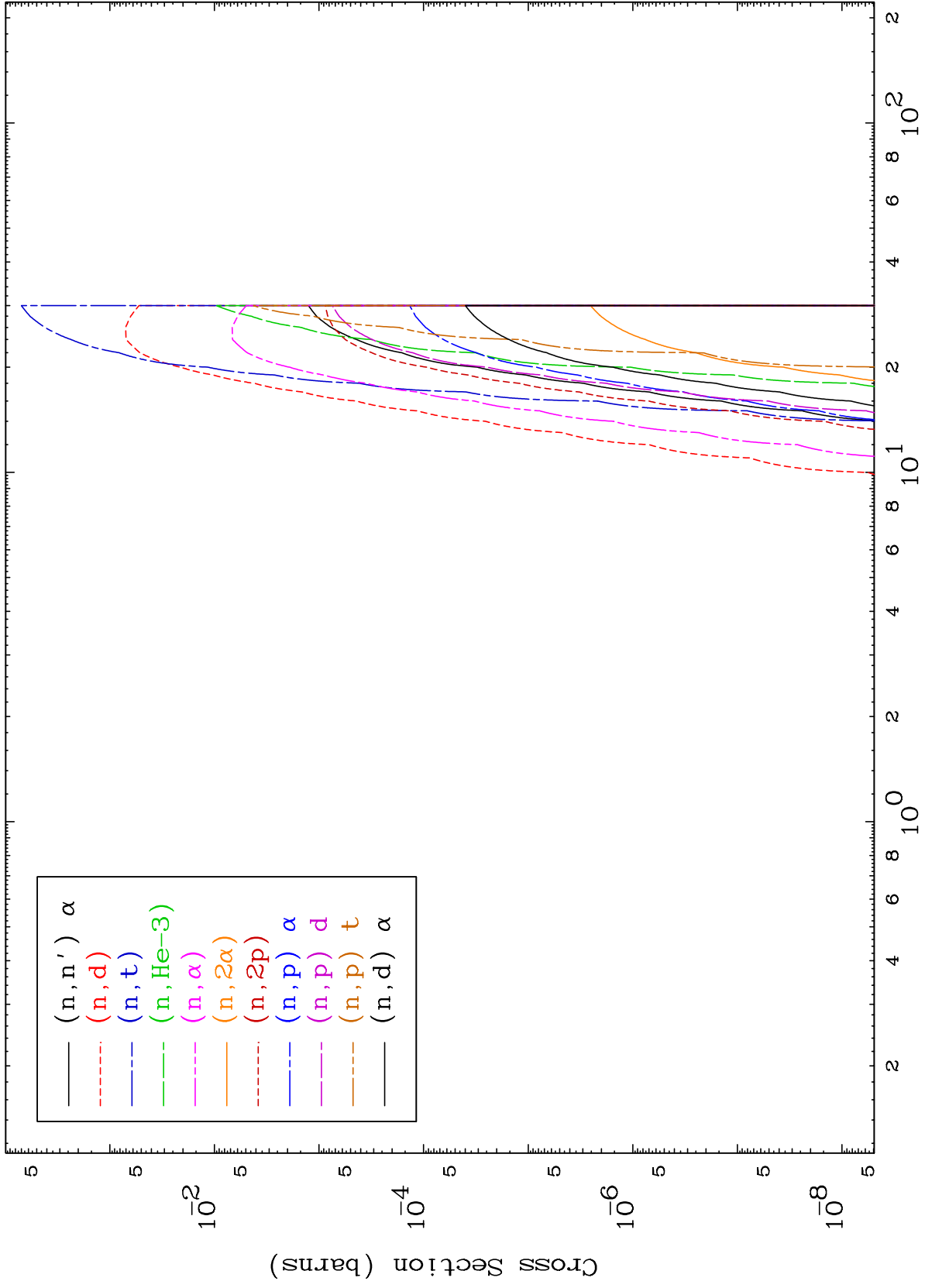
79-Au-185m



MAT 7890

He-3 Charged Particle
0 Kelvin Cross Sections

79-Au-185m

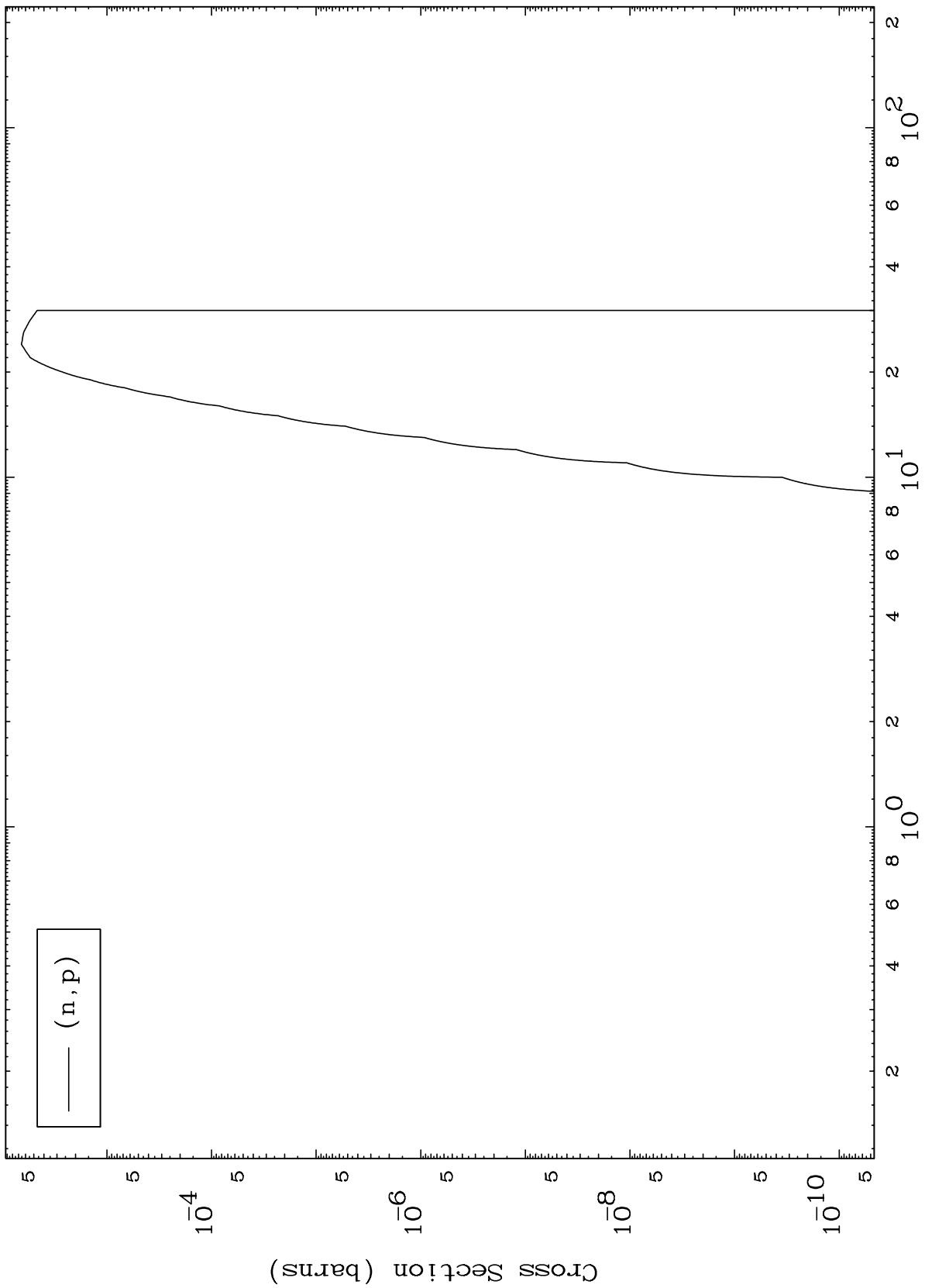


MAT 7890

(He-3,p) Levels

79-Au-185m

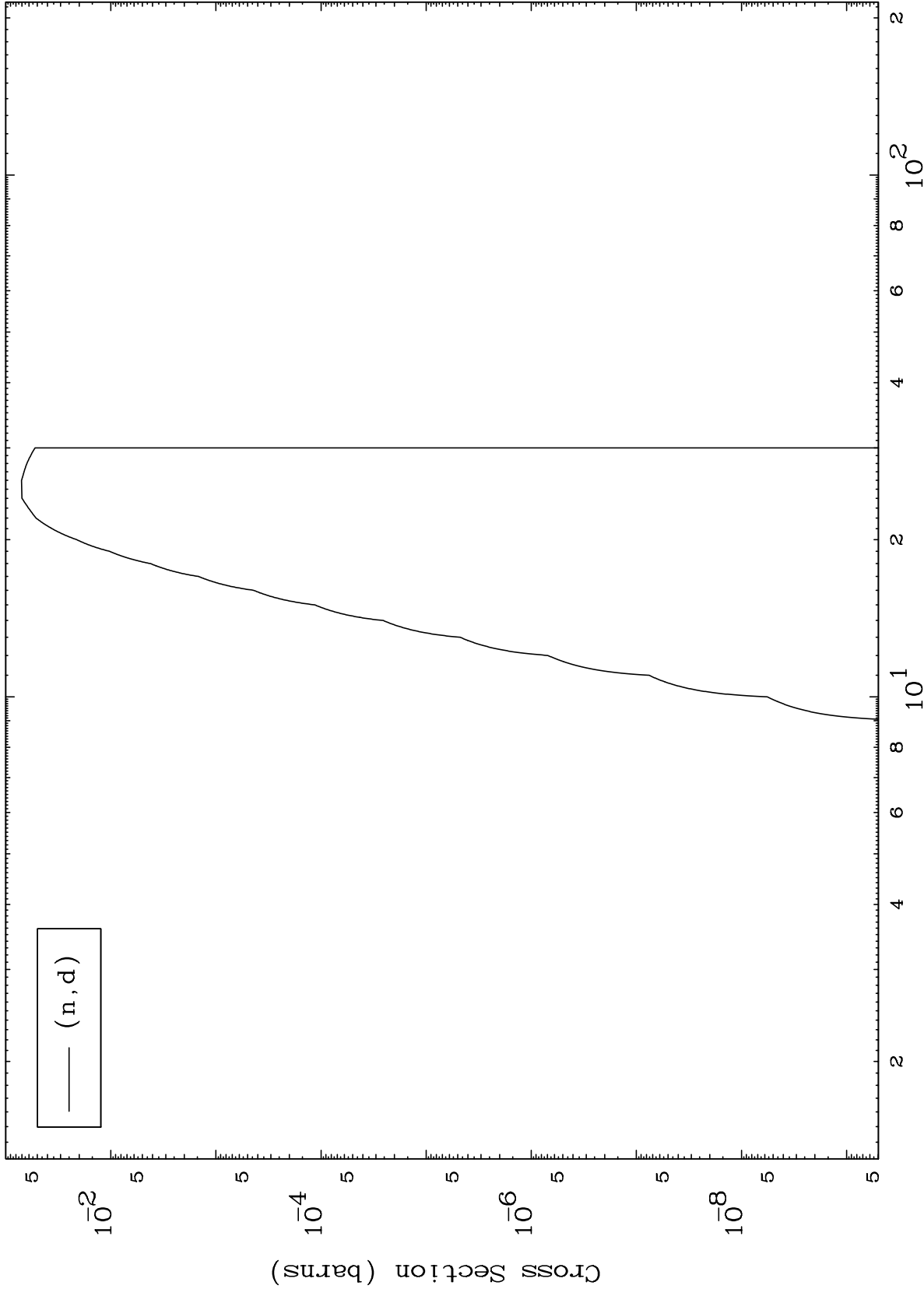
0 Kelvin Cross Sections



MAT 7890

(He-3,d) Levels
0 Kelvin Cross Sections

79-Au-185m



8

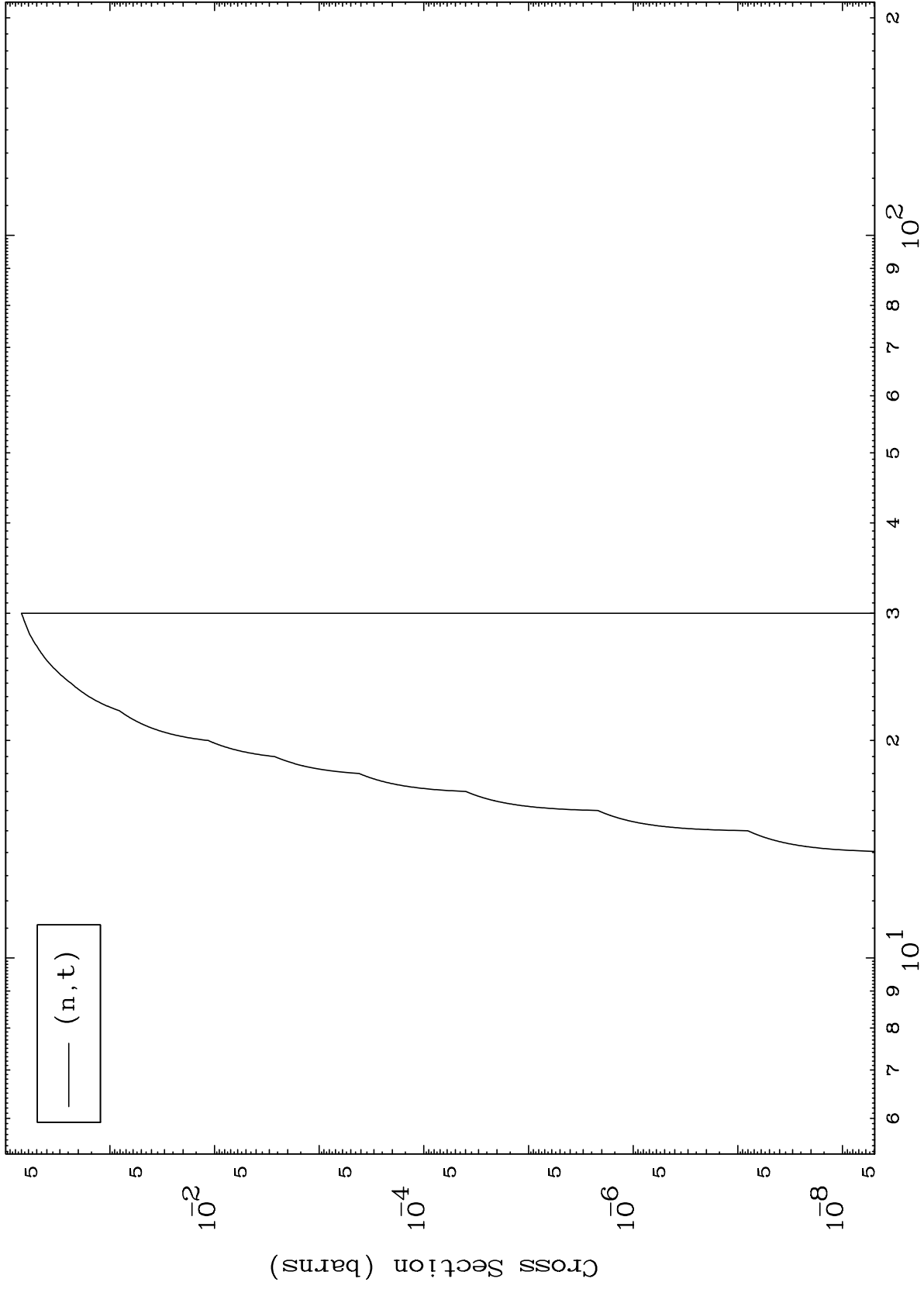
Incident Energy (MeV)

79-Au-185m

MAT 7890

(He-3, t) Levels
0 Kelvin Cross Sections

79-Au-185m

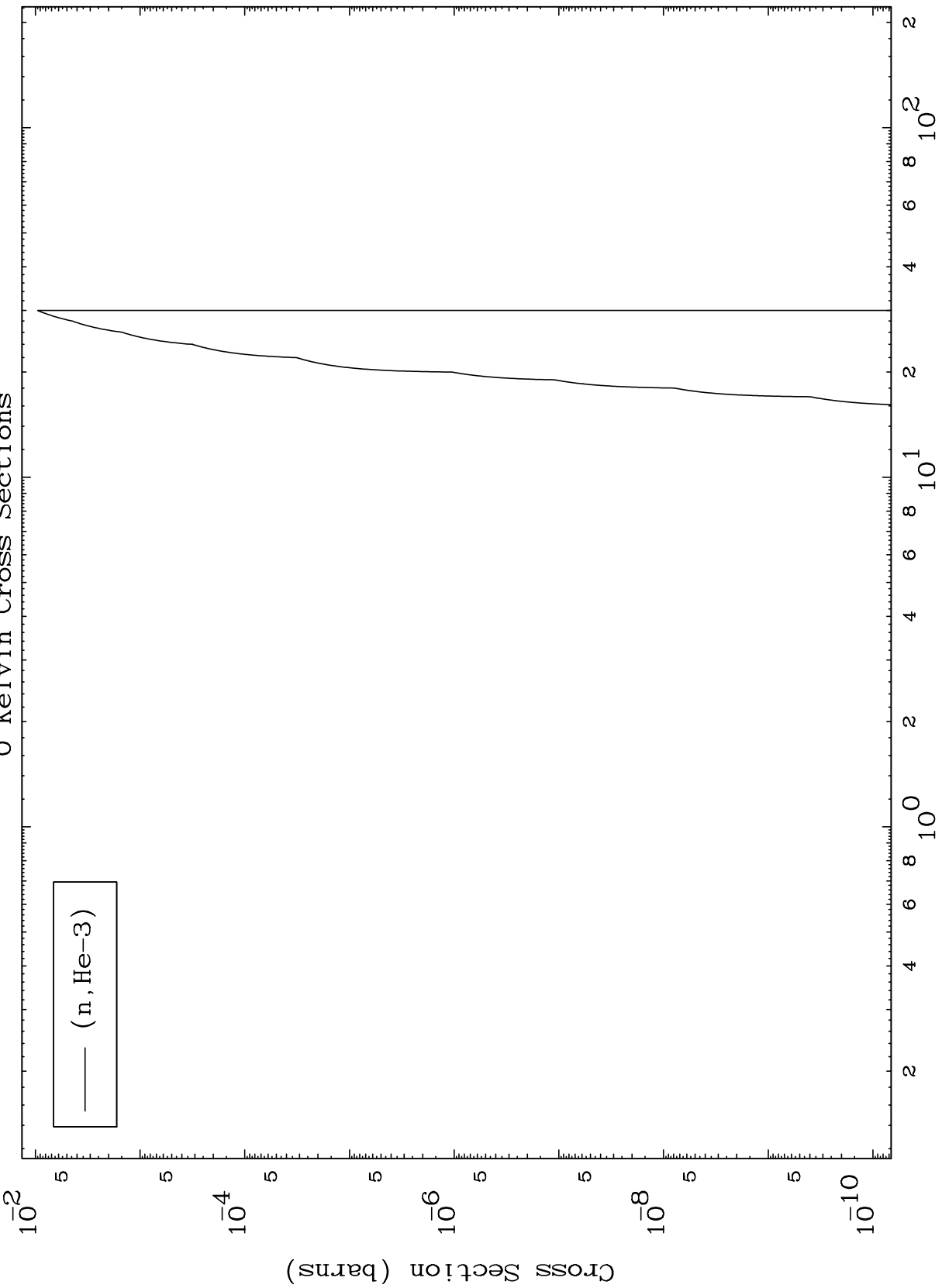


MAT 7890

(He-3, He3) Levels

79-Au-185m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

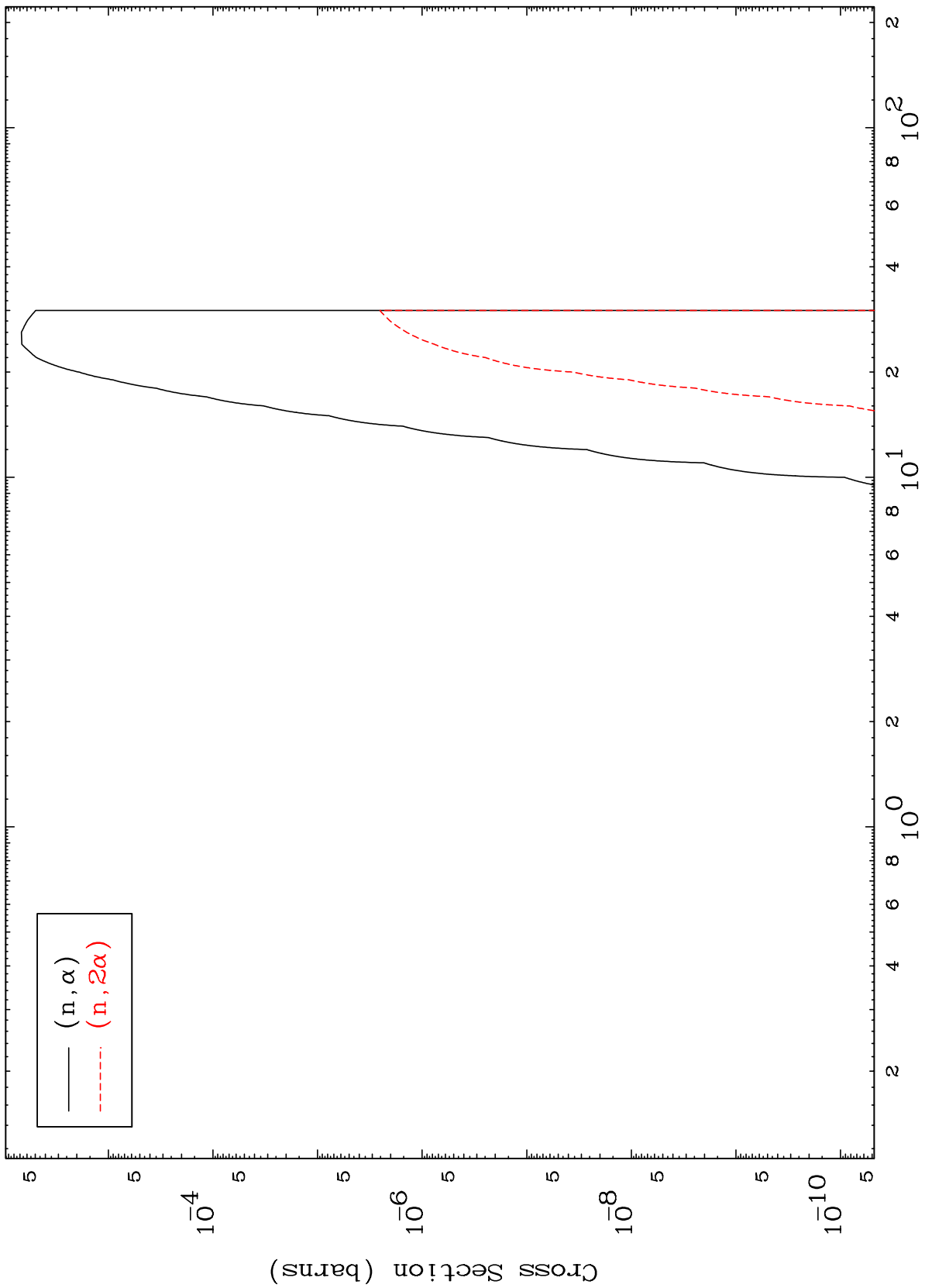
79-Au-185m

MAT 7890

(He-3, α) Levels

79-Au-185m

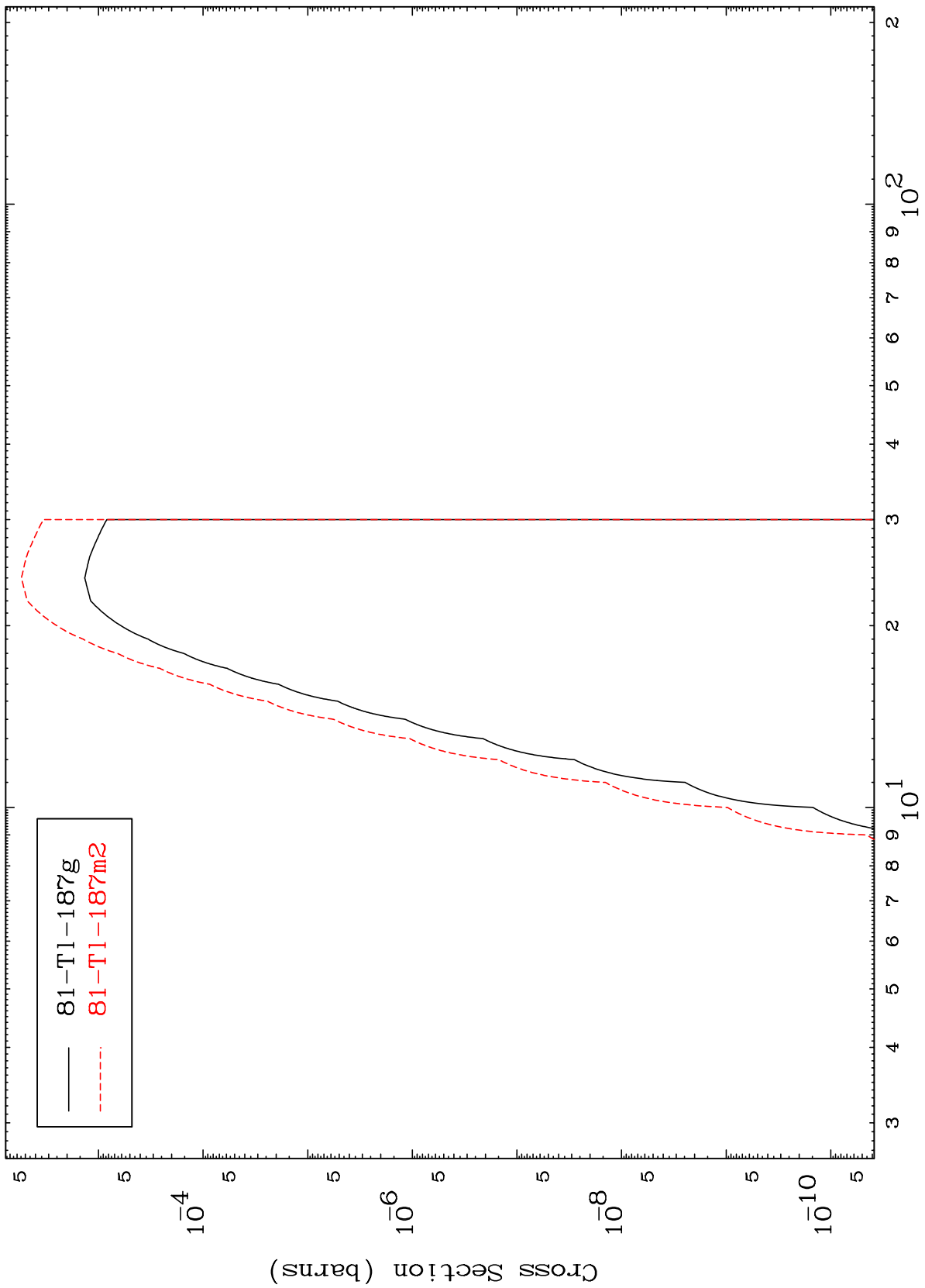
0 Kelvin Cross Sections



MAT 7890

79-Au-185m

Inelastic
Radionuclide Production Cross Section



12

79-Au-185m

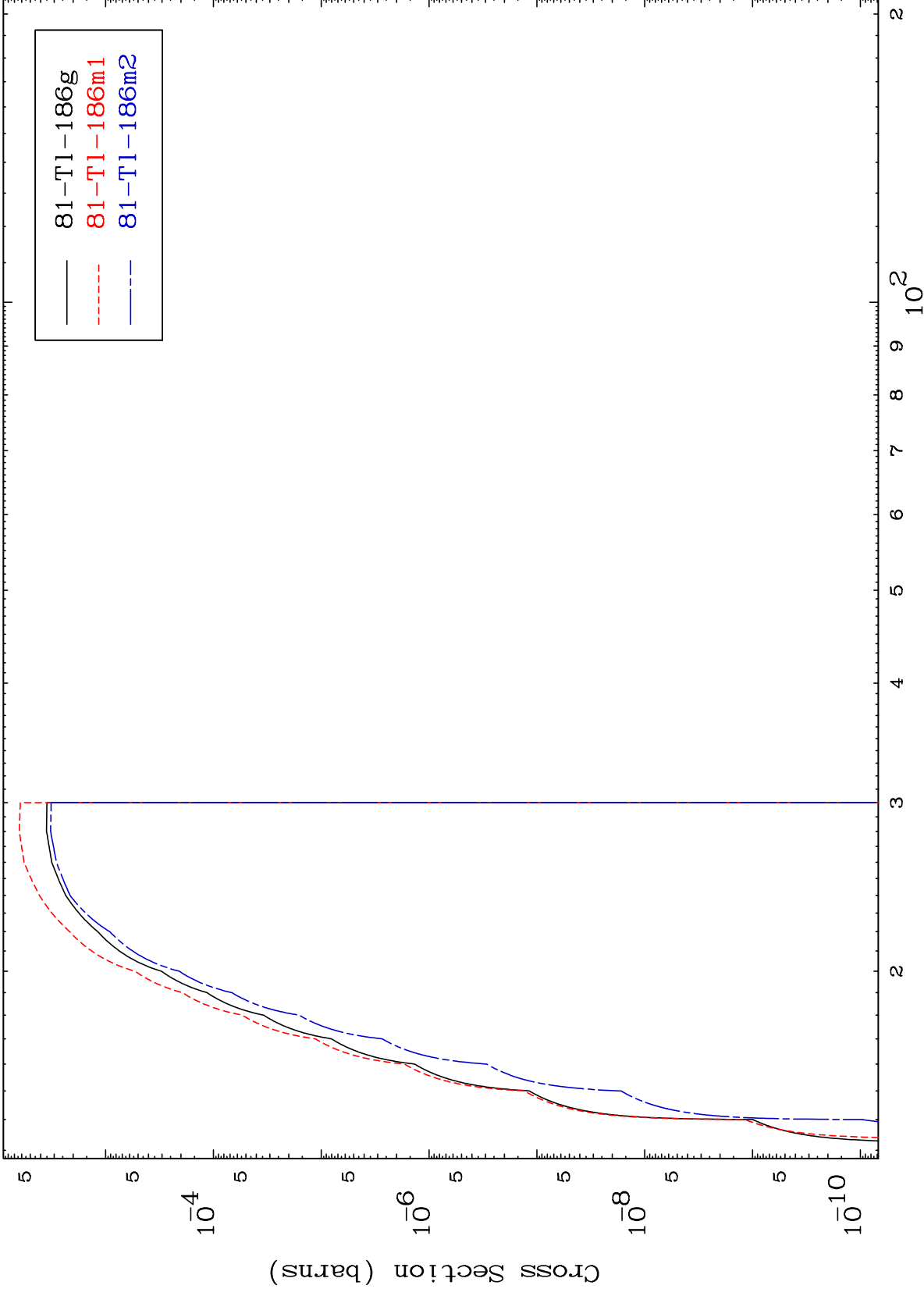
Incident Energy (MeV)

MAT 7890

(n,2n)

⁷⁹Au-185m

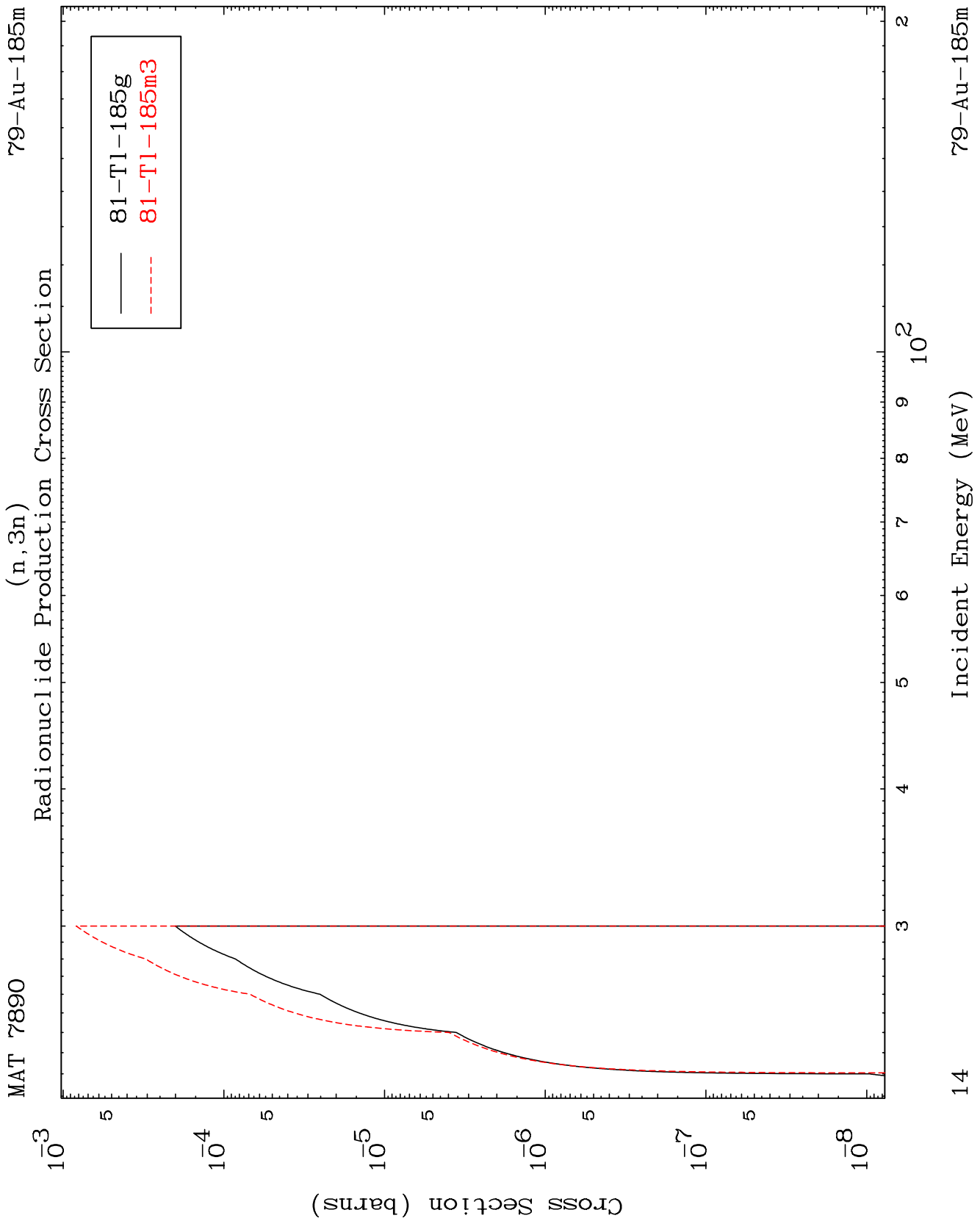
Radionuclide Production Cross Section



13

Incident Energy (MeV)

⁷⁹Au-185m

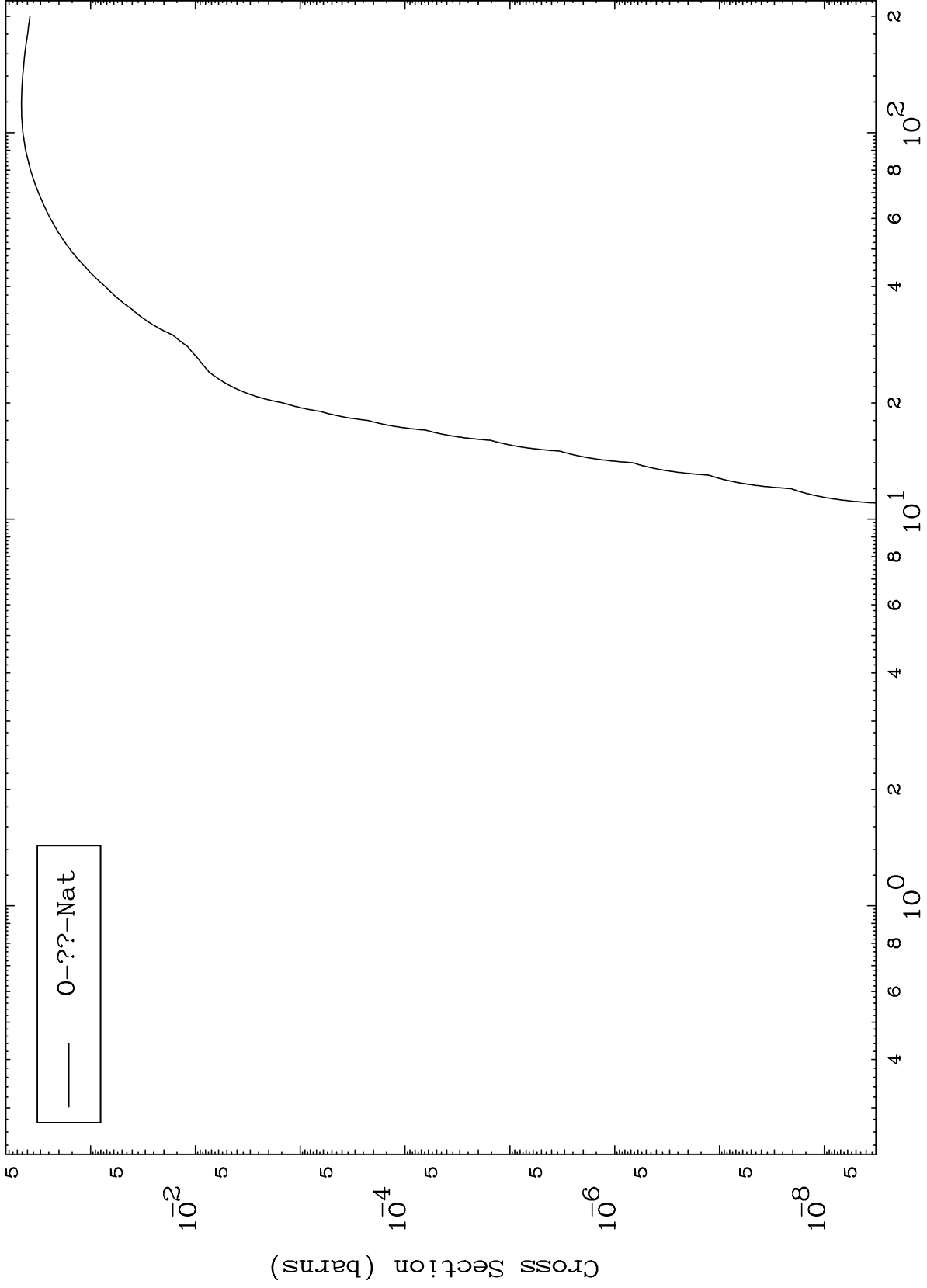


MAT 7890

Fission

⁷⁹Au-185m

Radionuclide Production Cross Section

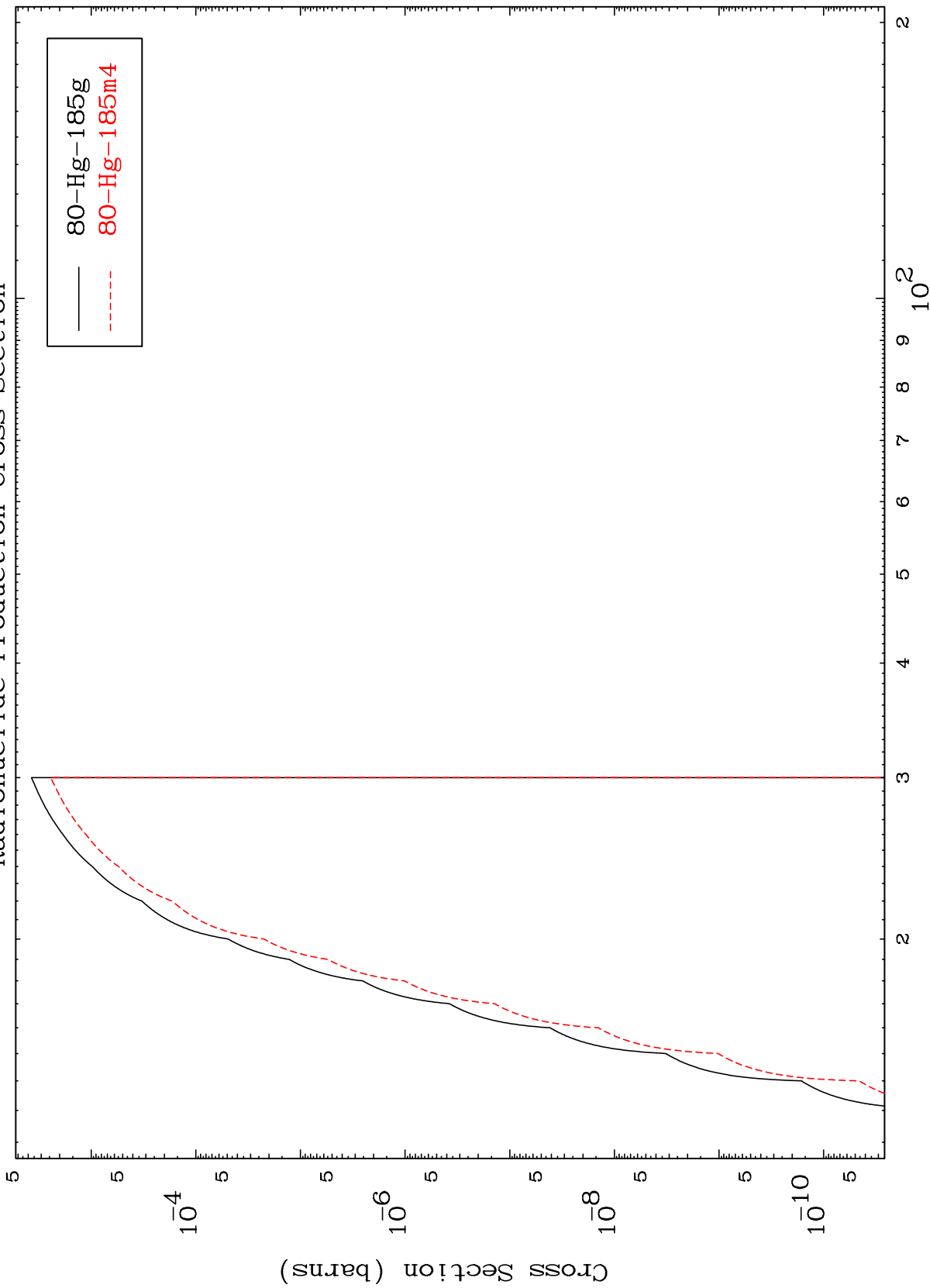


MAT 7890

(n,n') d

79-Au-185m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

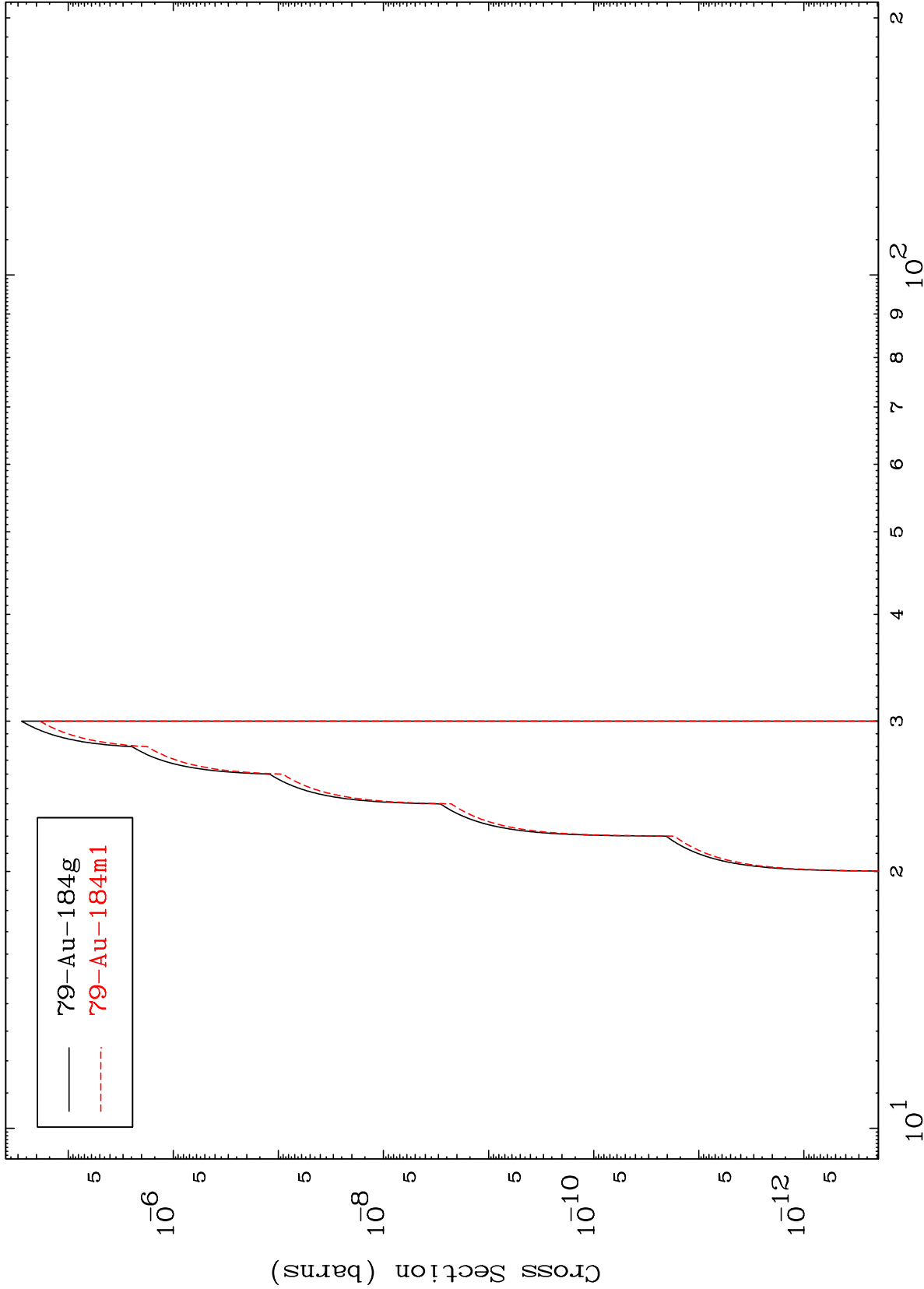
79-Au-185m

MAT 7890

(n,n') He-3

79-Au-185m

Radionuclide Production Cross Section



79-Au-184g
79-Au-184m1

Incident Energy (MeV)

79-Au-185m

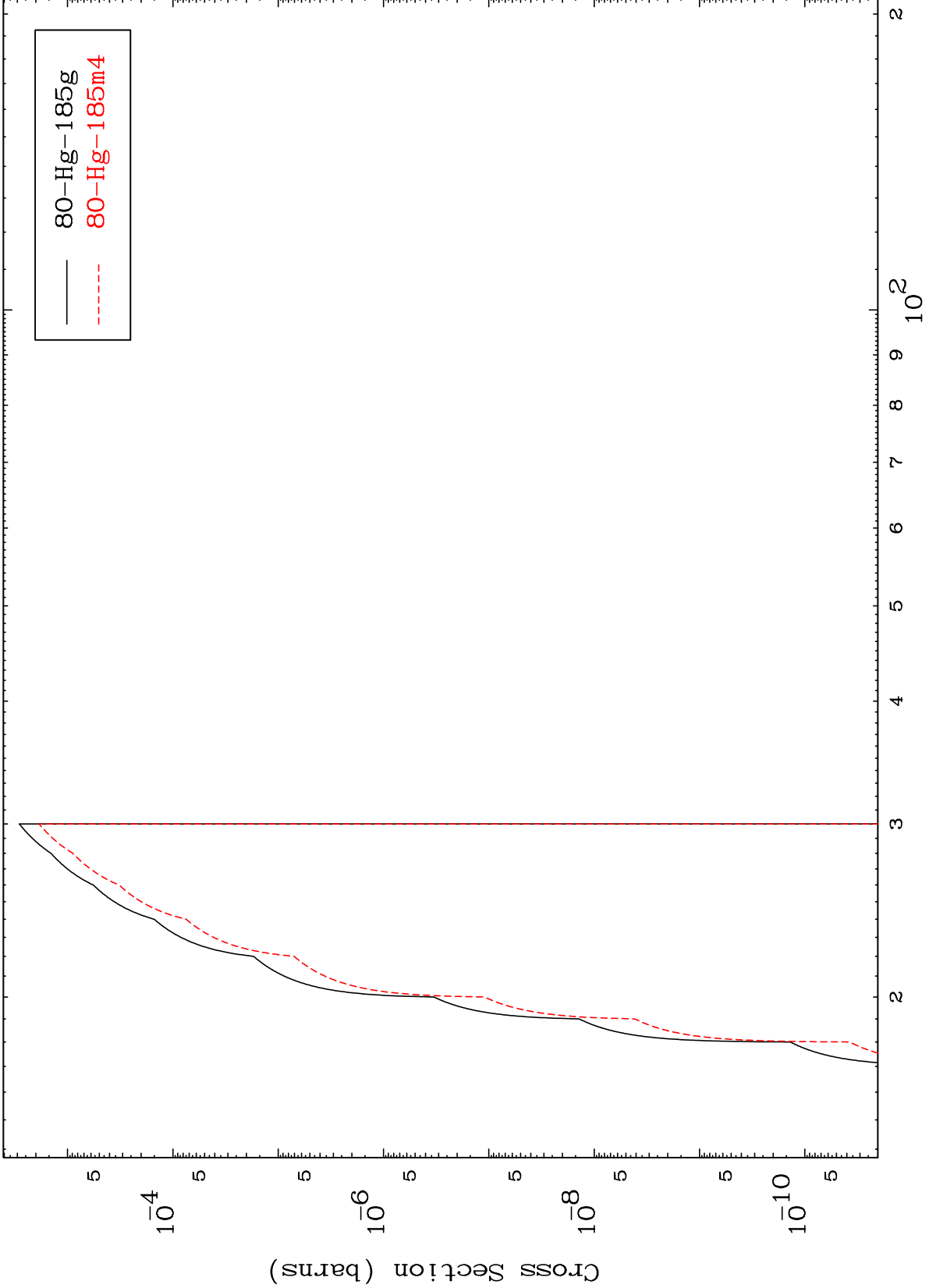
17

MAT 7890

(n,2n) p

⁷⁹Au-185m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

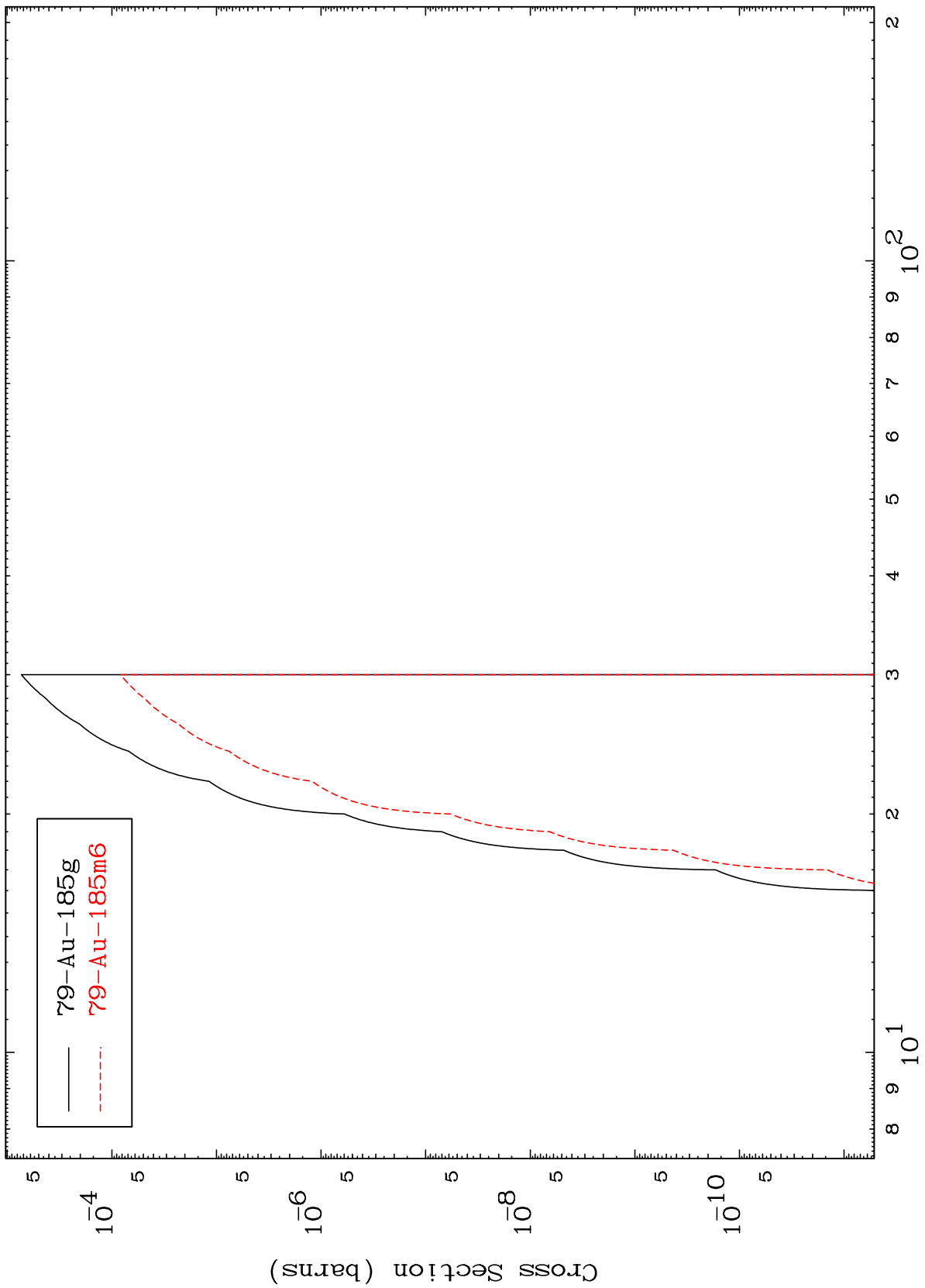
⁷⁹Au-185m

MAT 7890

(n,2n) p

⁷⁹Au-185m

Radionuclide Production Cross Section



19

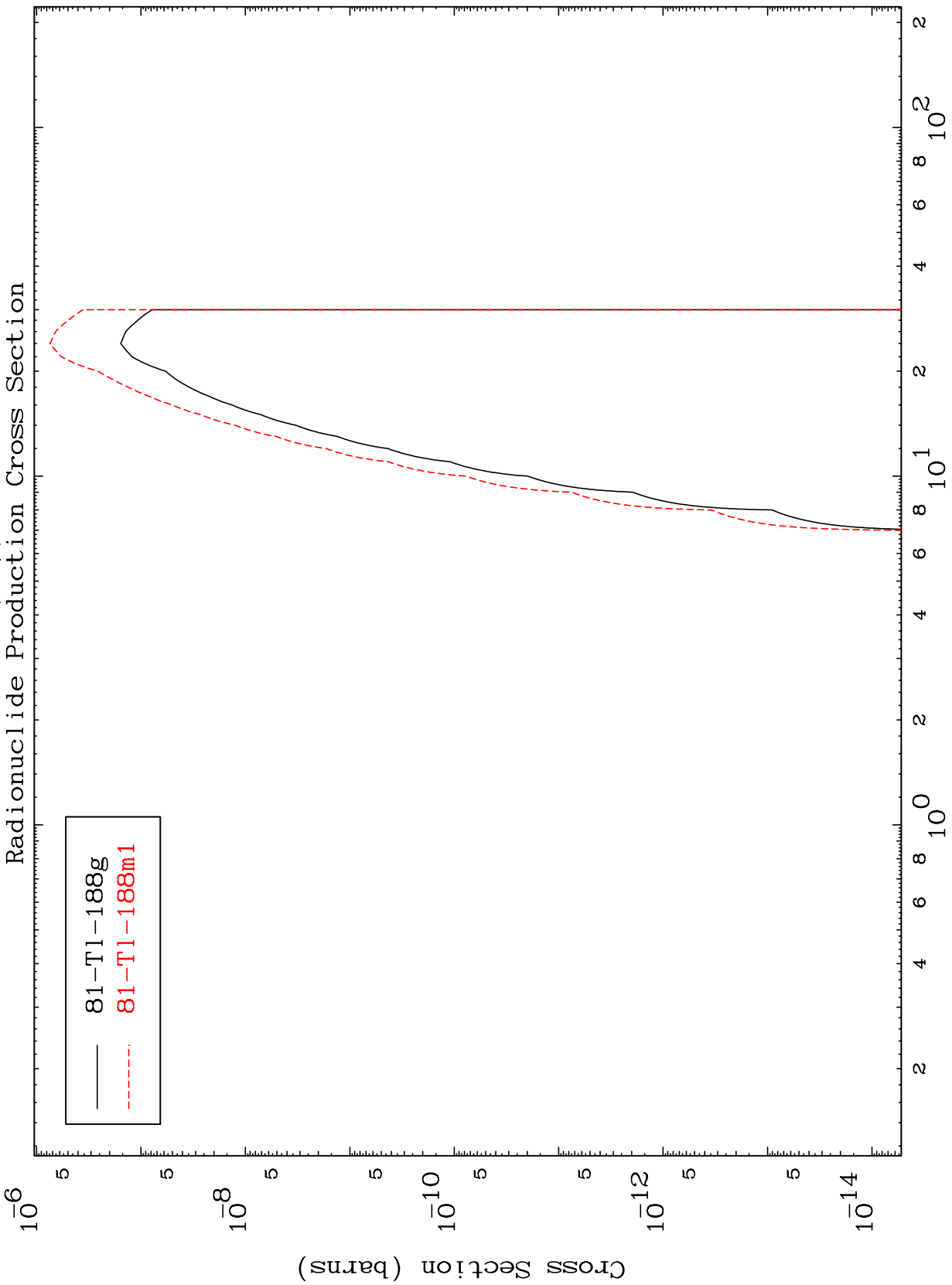
Incident Energy (MeV)

⁷⁹Au-185m

MAT 7890

79-Au-185m

Radionuclide Production Cross Section
(n, γ)



81-Tl-188g
81-Tl-188m1

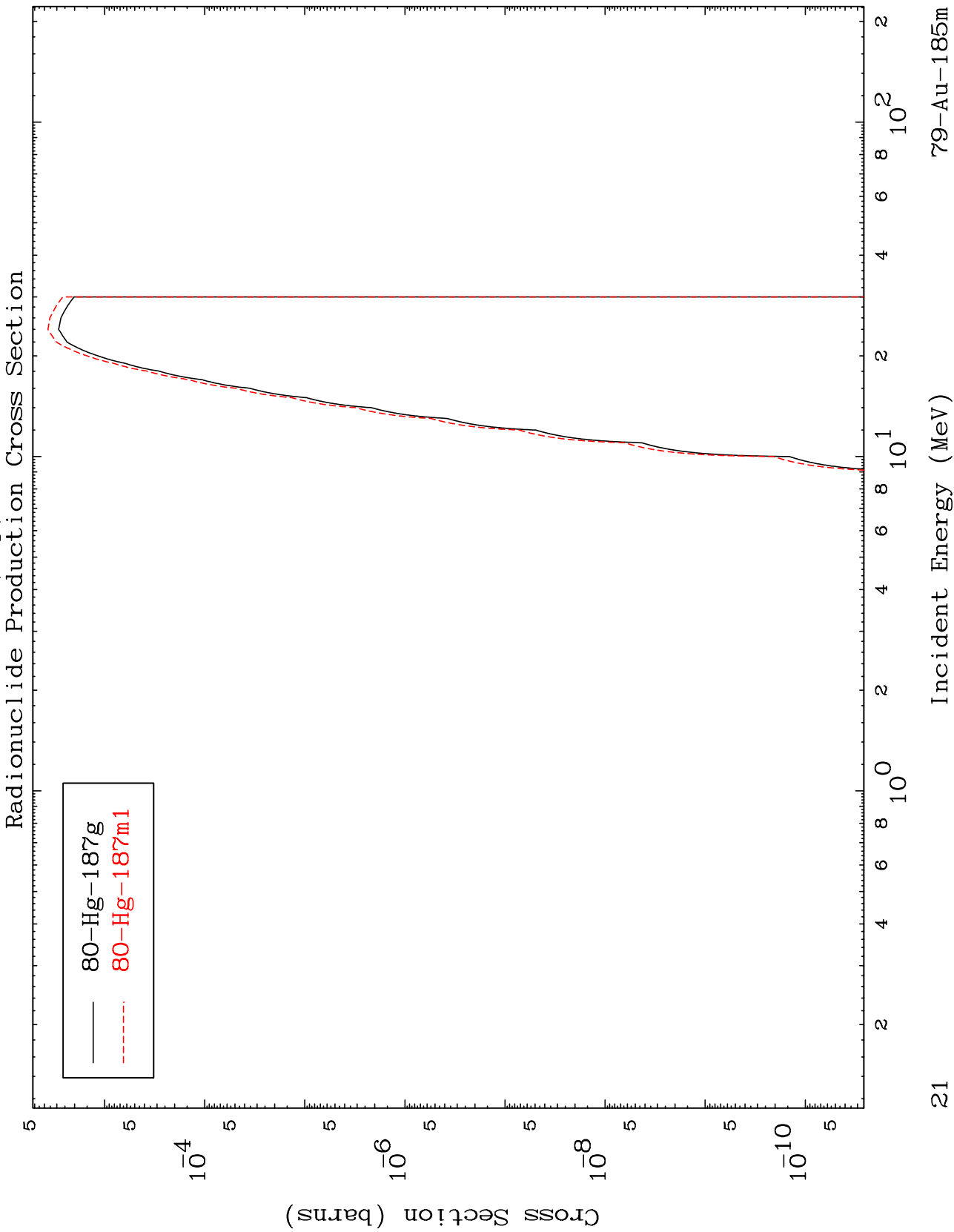
79-Au-185m

Incident Energy (MeV)

20

MAT 7890

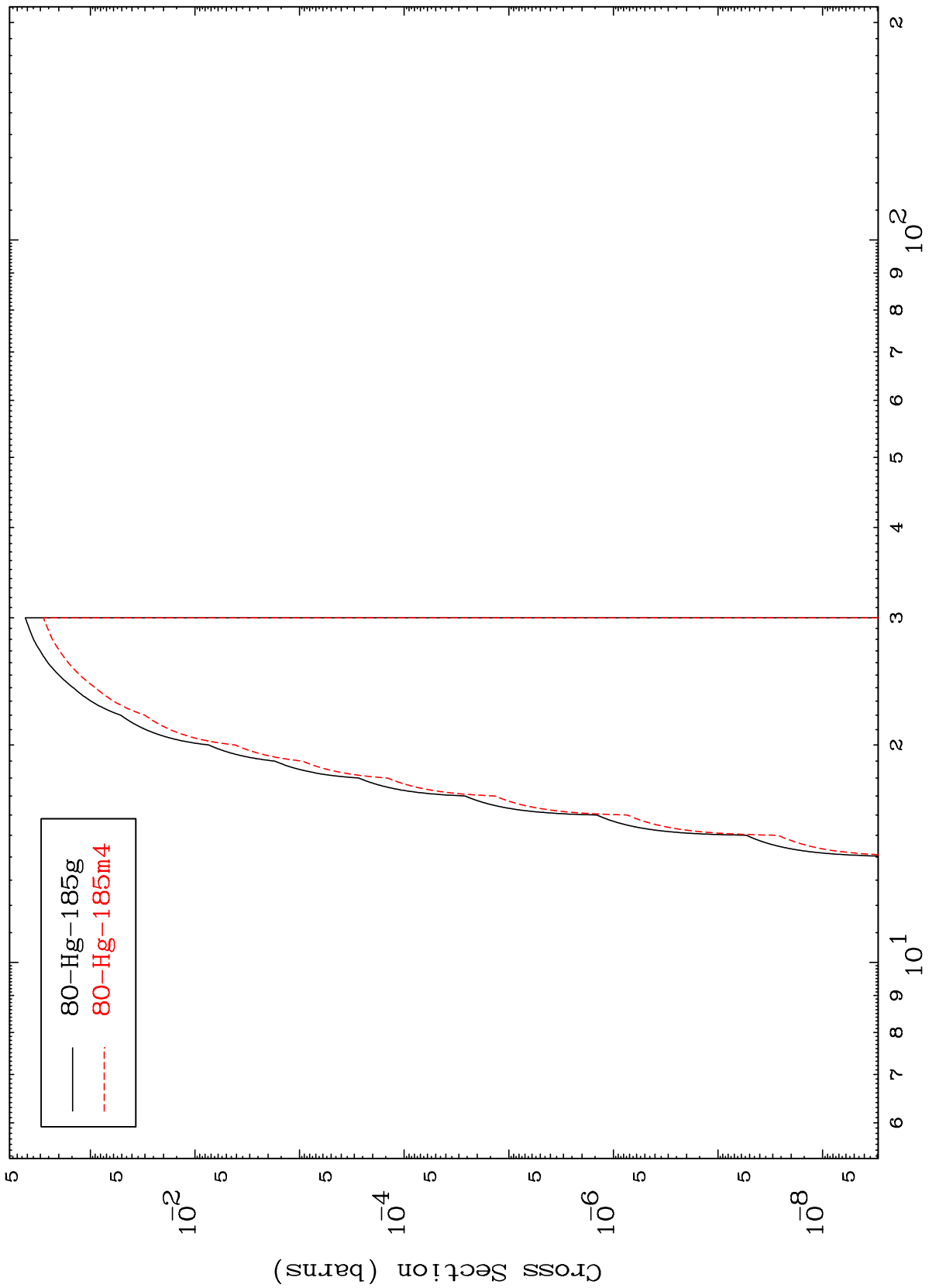
79-Au-185m



MAT 7890

79-Au-185m

(n, t)
Radionuclide Production Cross Section



22

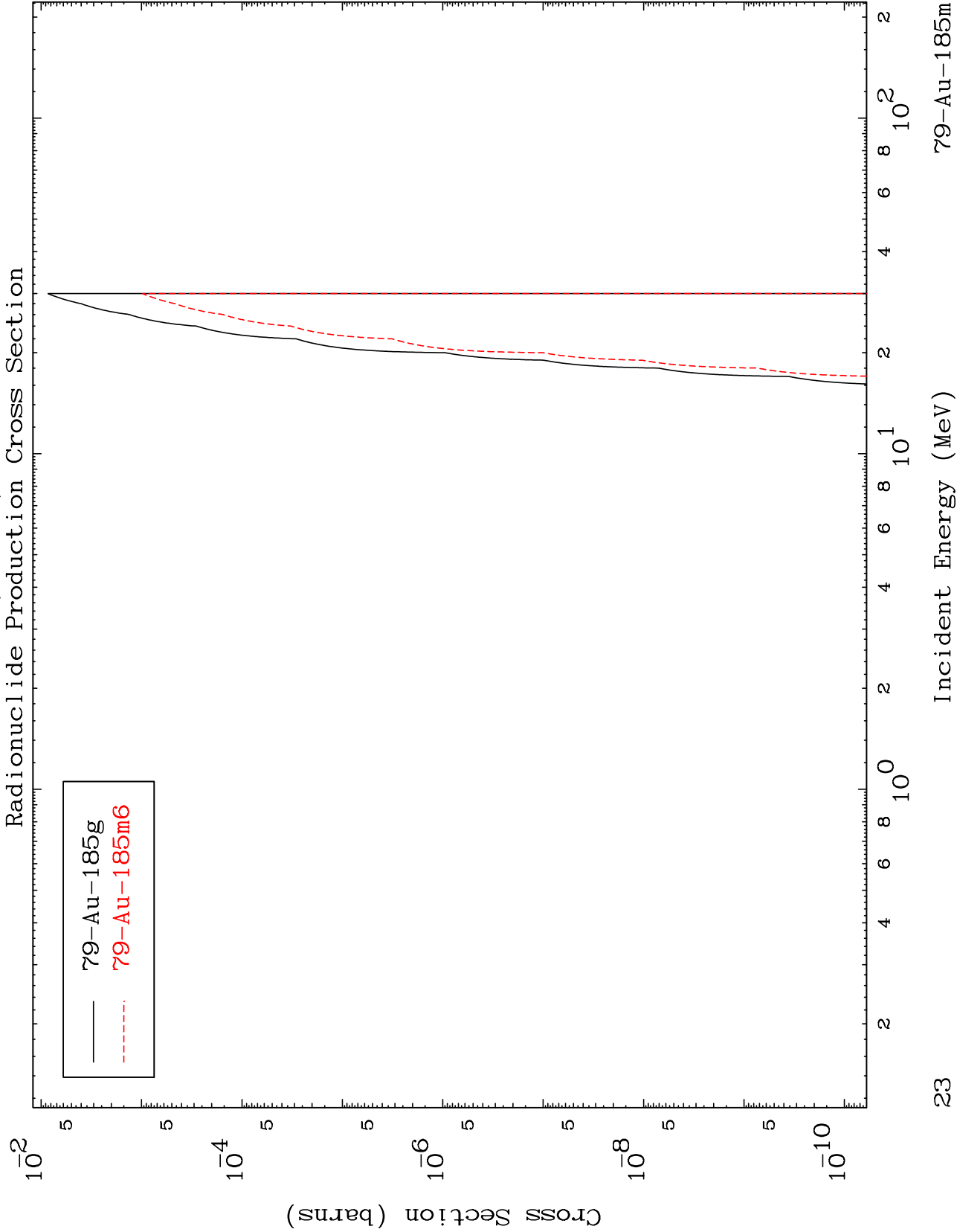
Incident Energy (MeV)

79-Au-185m

MAT 7890

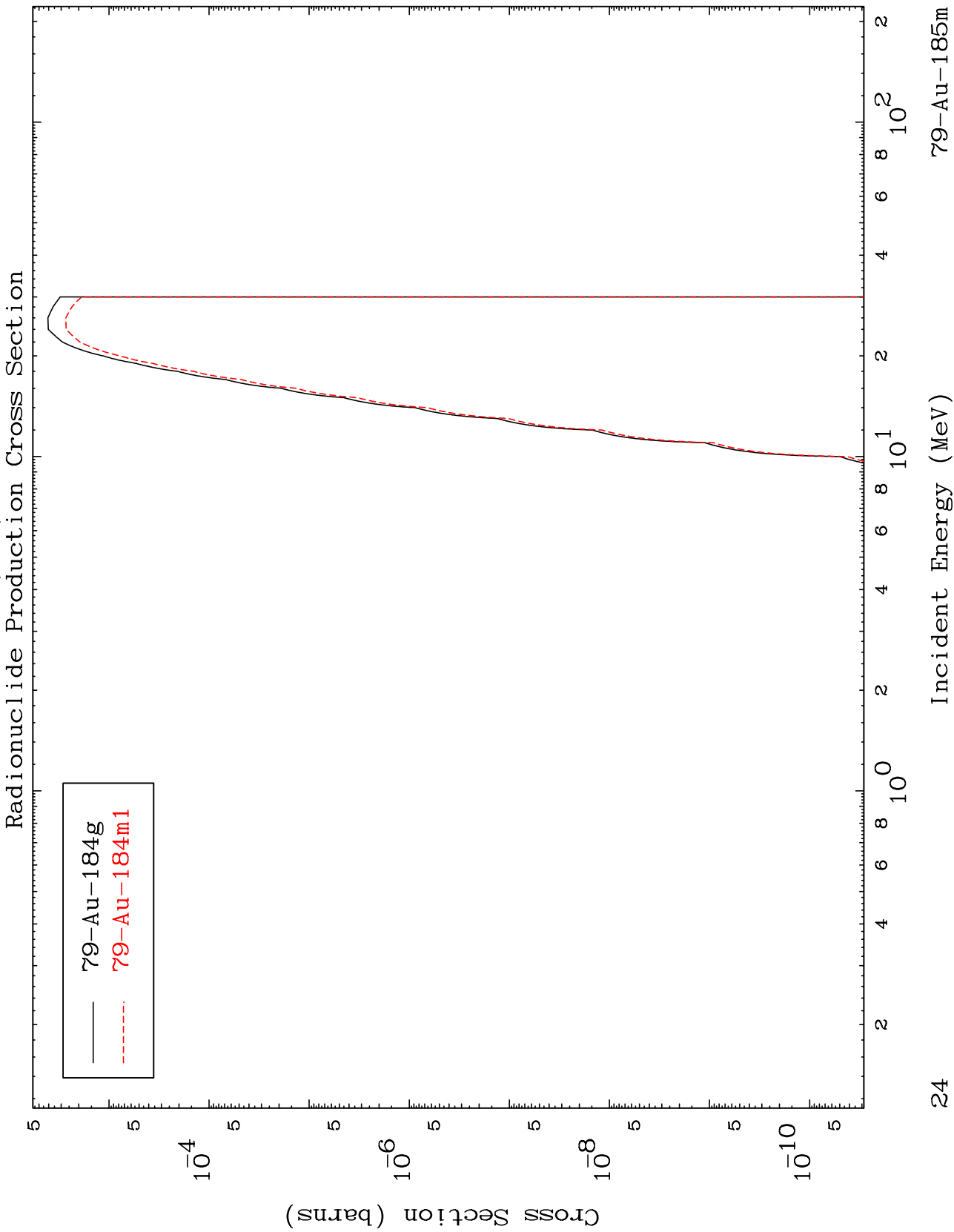
(n,He-3)

79-Au-185m



MAT 7890

⁷⁹Au-185m

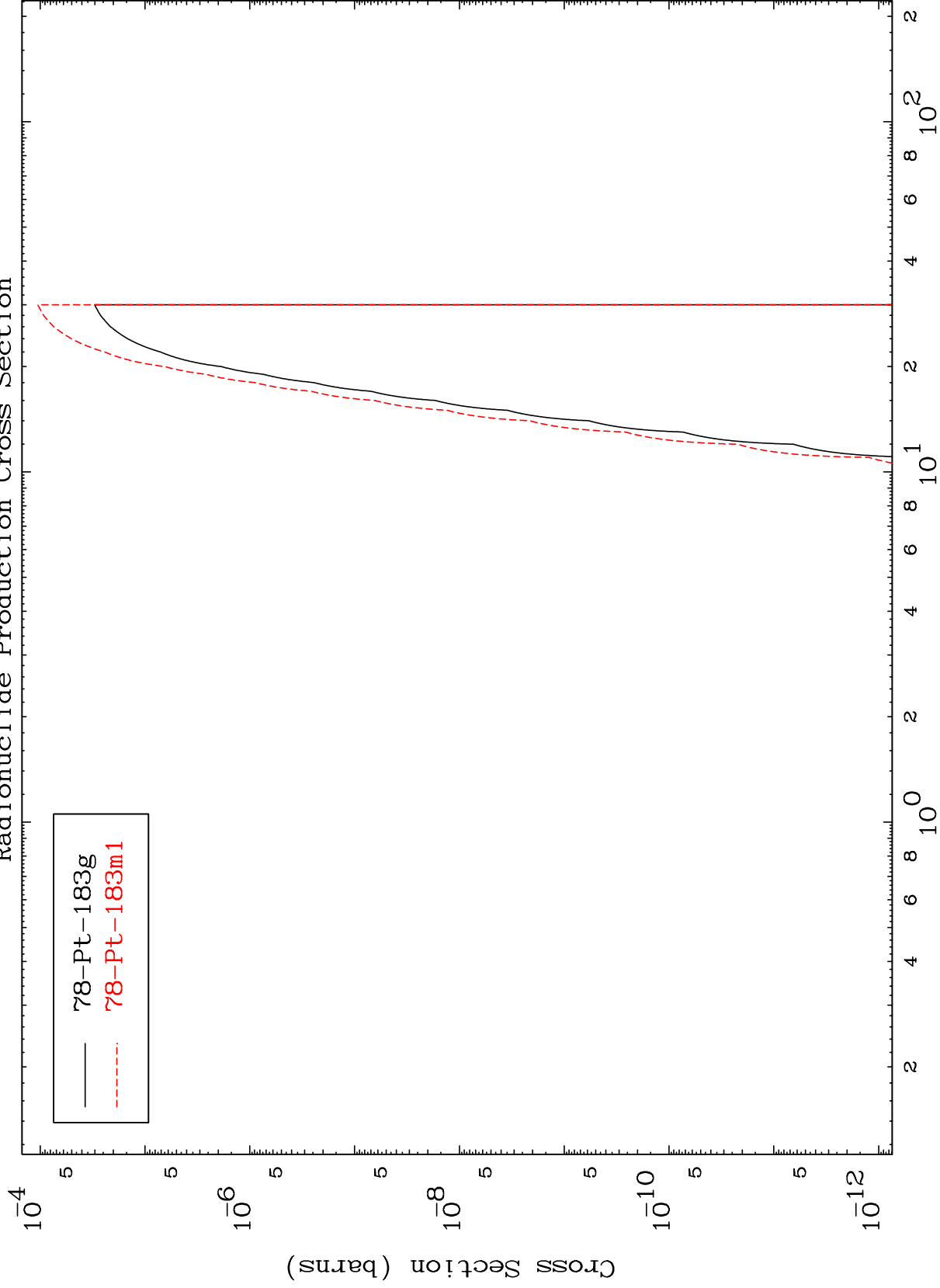


MAT 7890

(n,p) α

⁷⁹Au-185m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

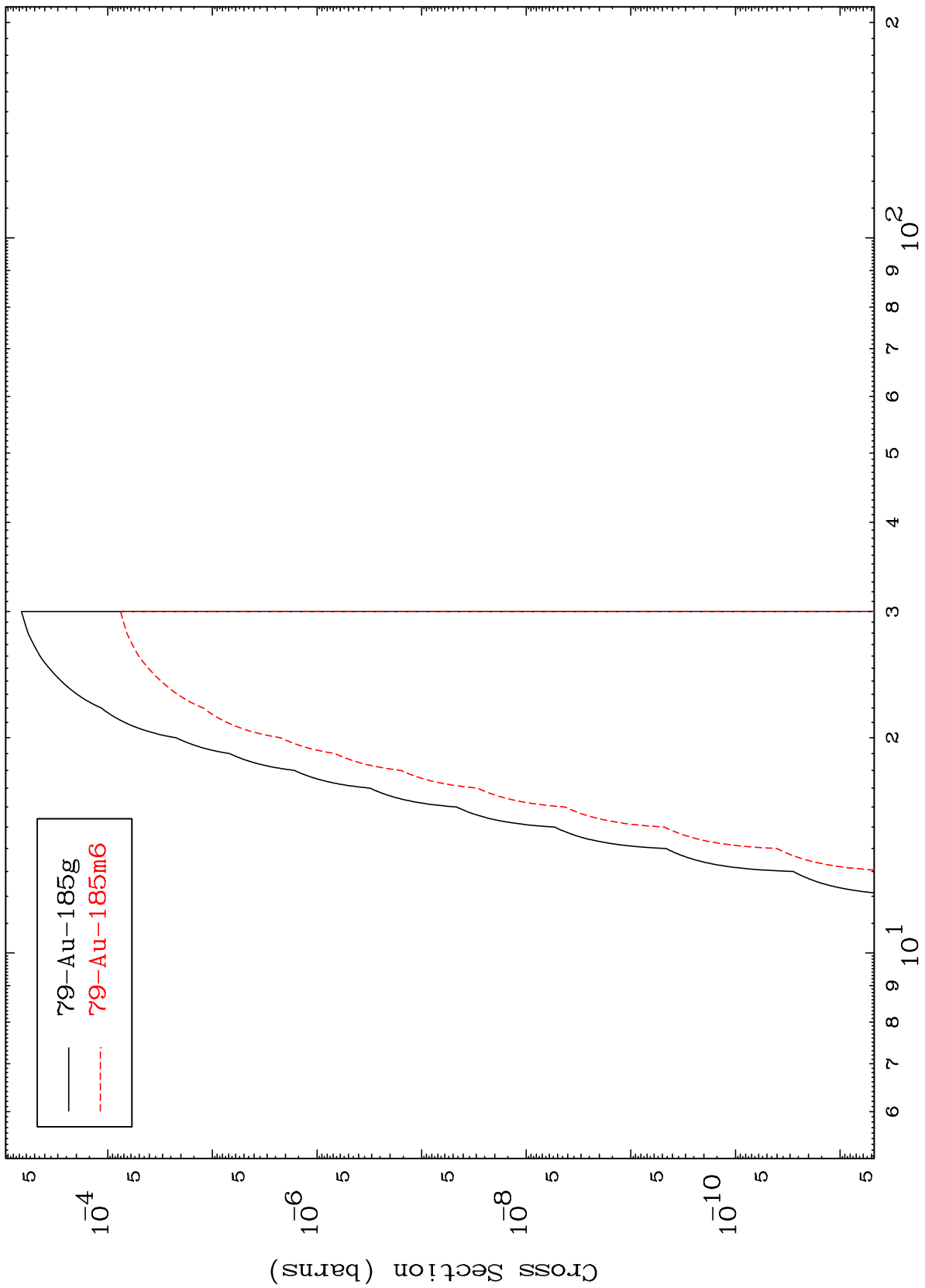
⁷⁹Au-185m

MAT 7890

(n,p) d

⁷⁹Au-185m

Radionuclide Production Cross Section



— ⁷⁹Au-185g
- - - ⁷⁹Au-185m6

26

Incident Energy (MeV)

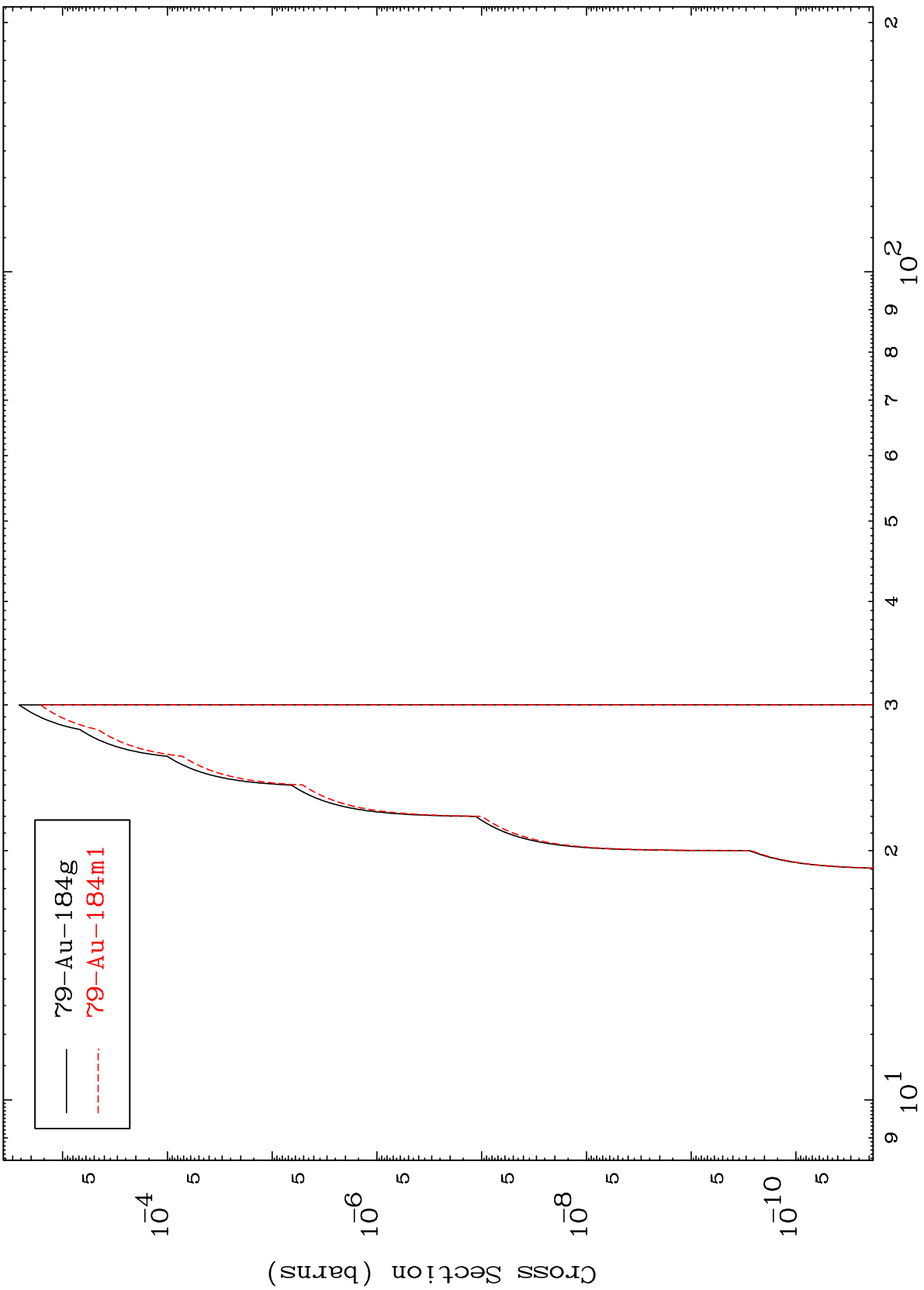
⁷⁹Au-185m

MAT 7890

(n,p) t

⁷⁹Au-185m

Radionuclide Production Cross Section



— ⁷⁹Au-184g
- - - ⁷⁹Au-184m1

27

Incident Energy (MeV)

⁷⁹Au-185m