

Program EVALPLOT
(Version 2017-1)

by

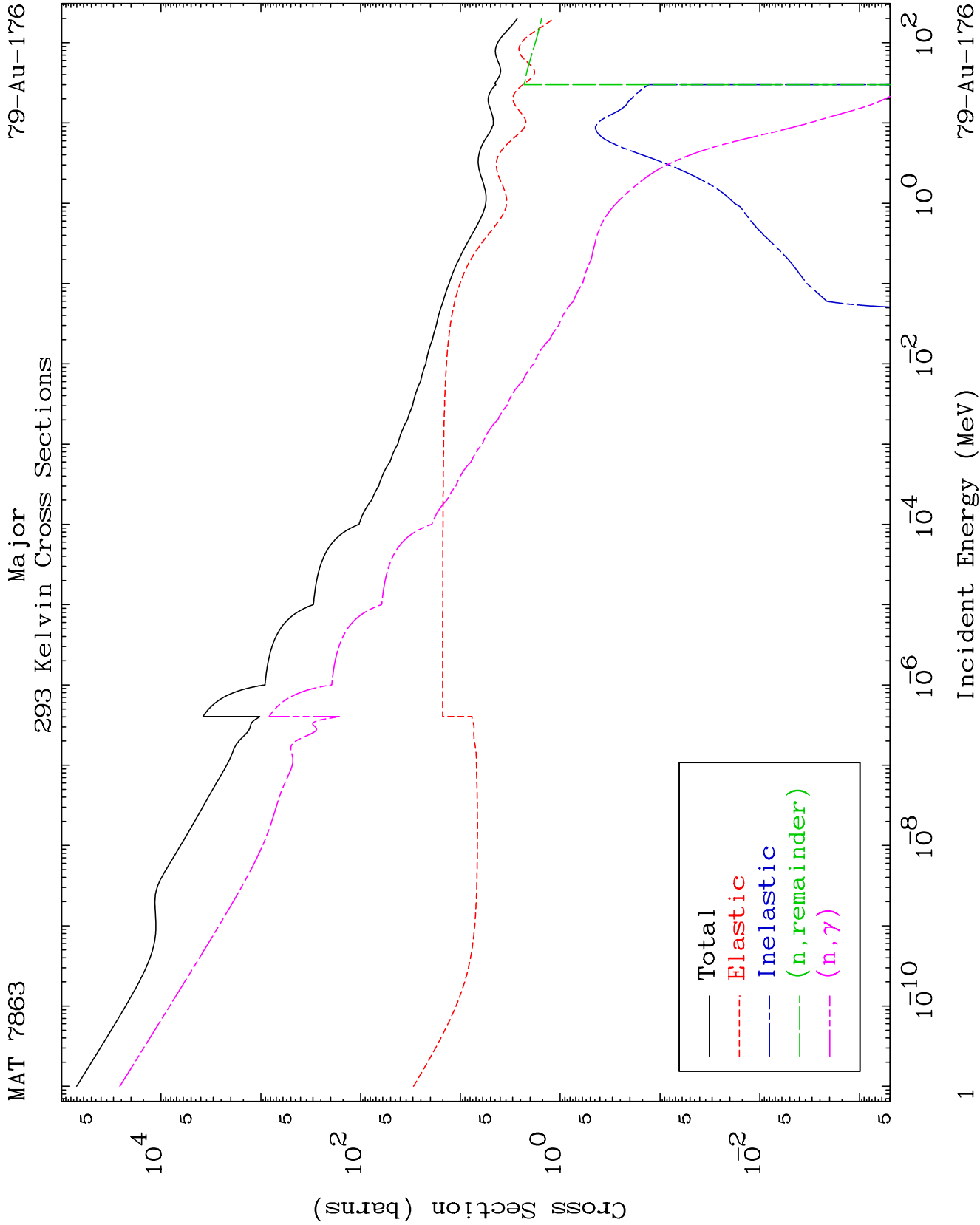
Dermott E. Cullen
(Present Contact Information)

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

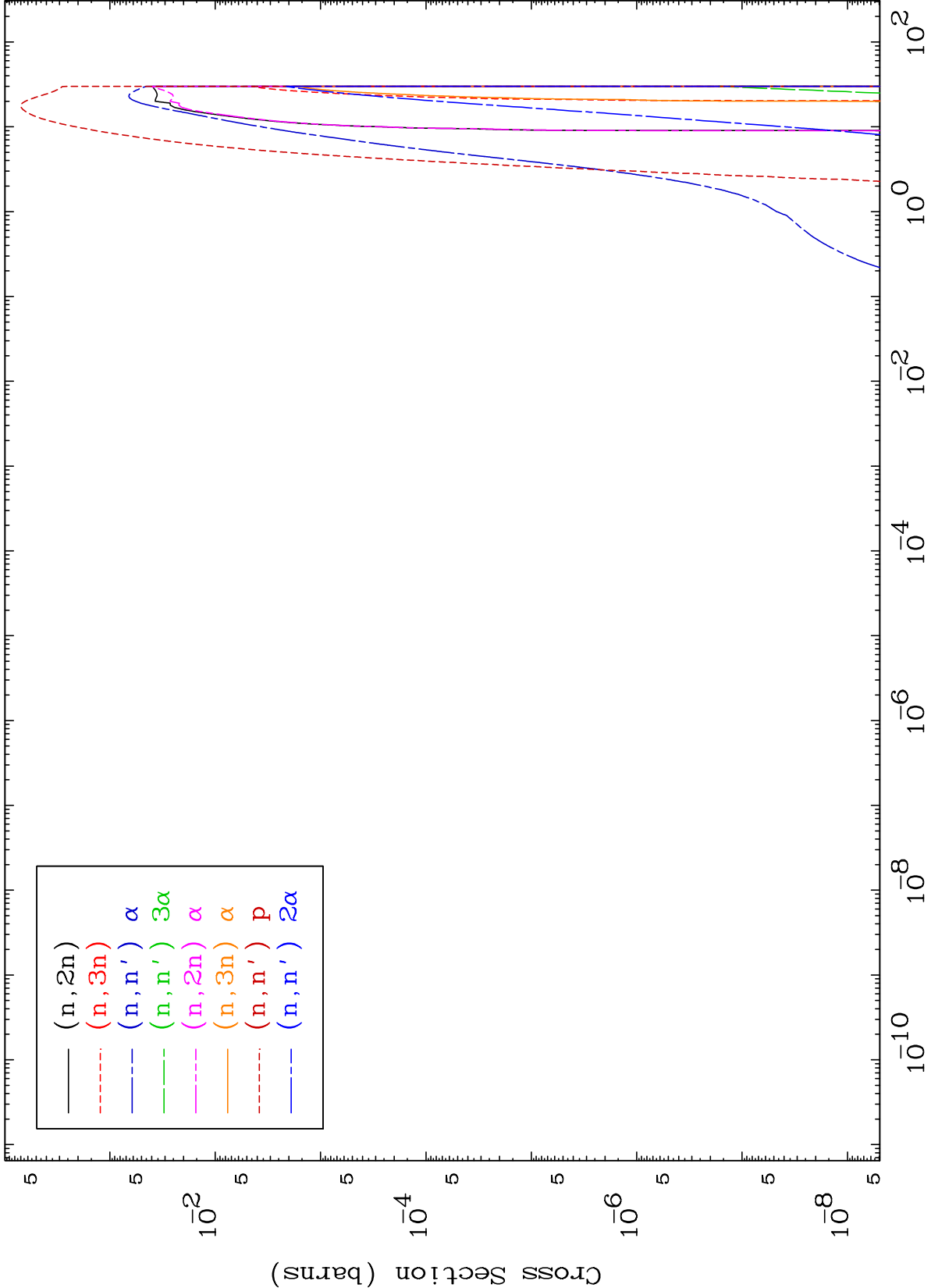
Press Mouse Button to Start

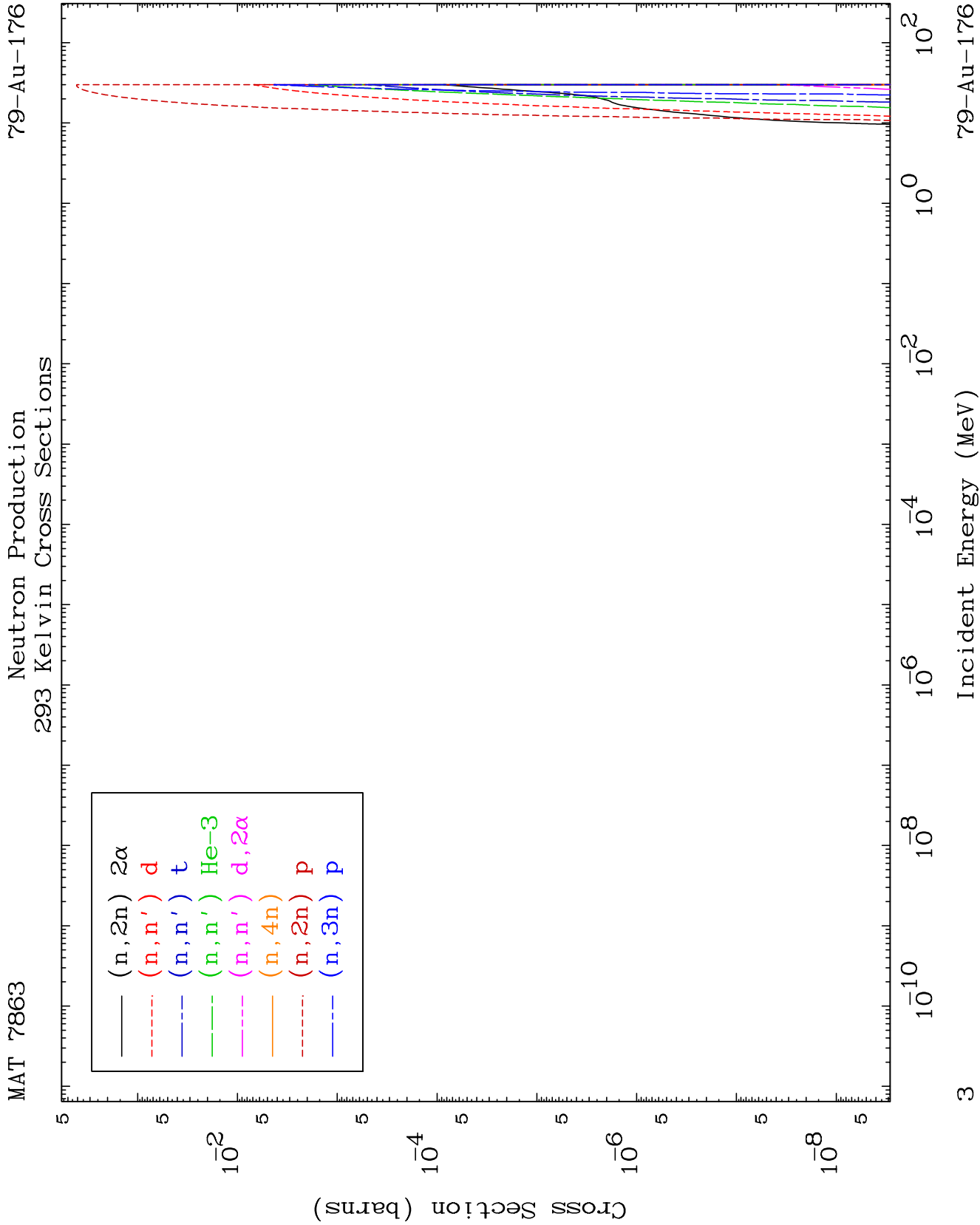


MAT 7863

Neutron Production
293 Kelvin Cross Sections

79-Au-176

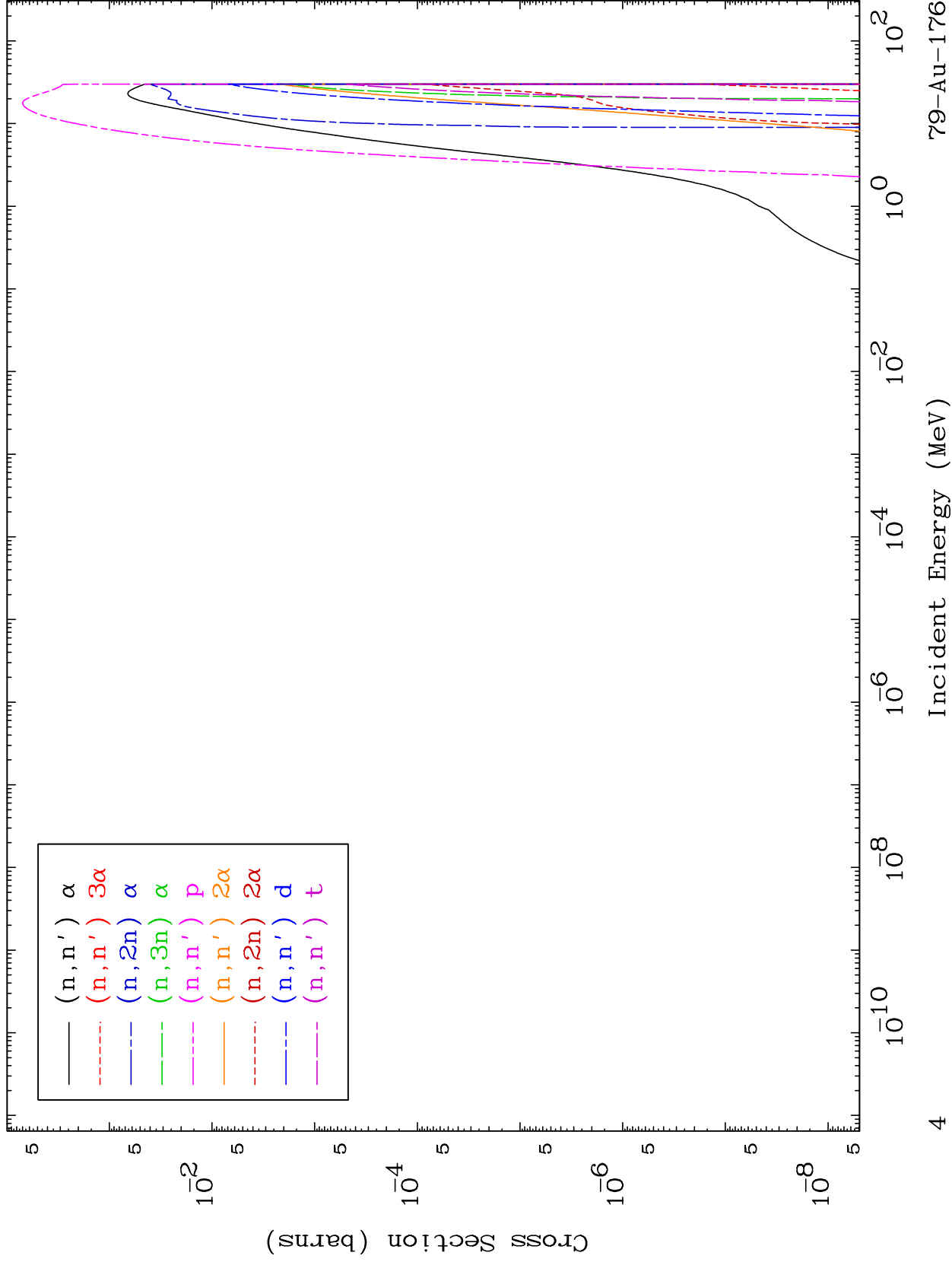


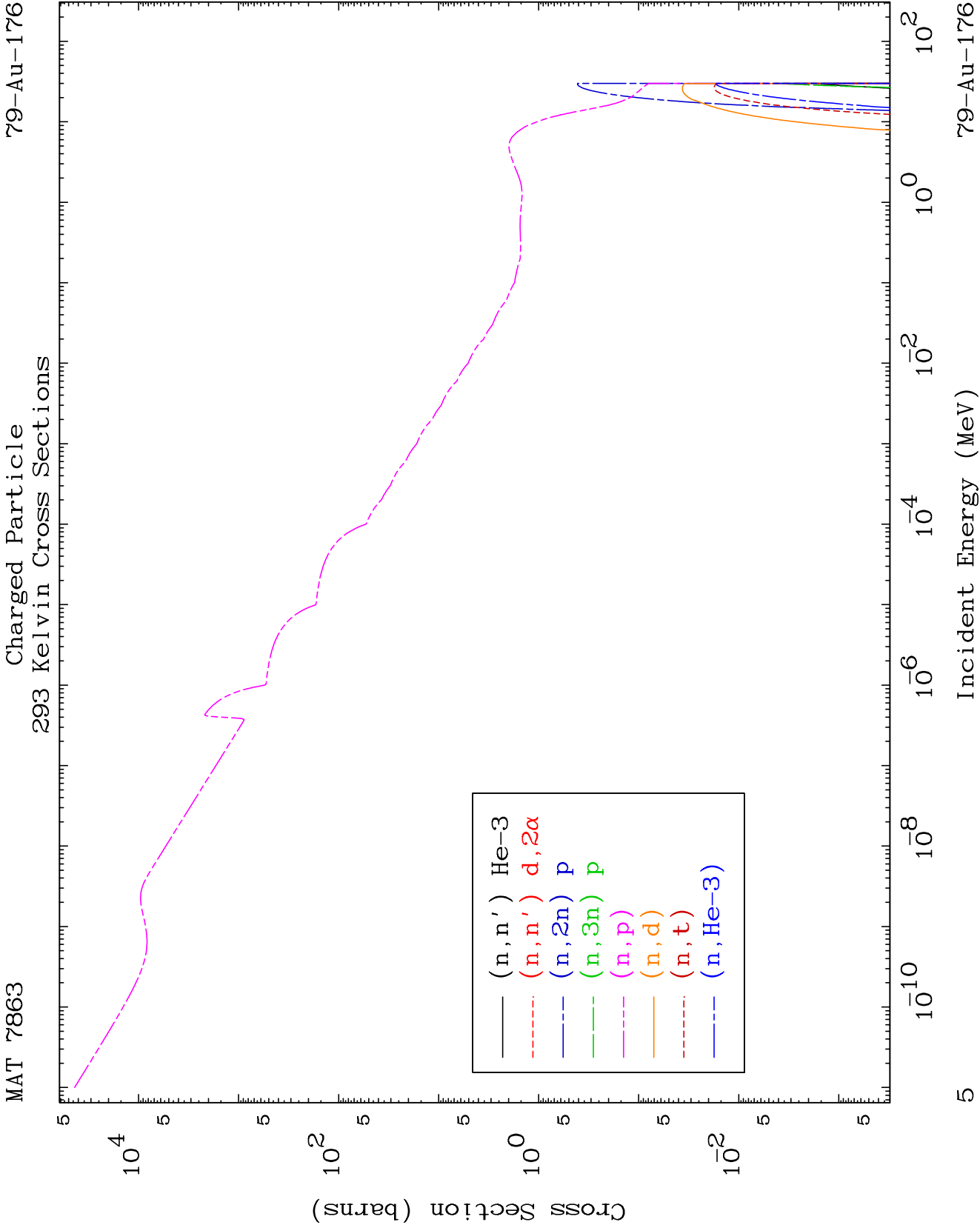


MAT 7863

Charged Particle
293 Kelvin Cross Sections

79-Au-176

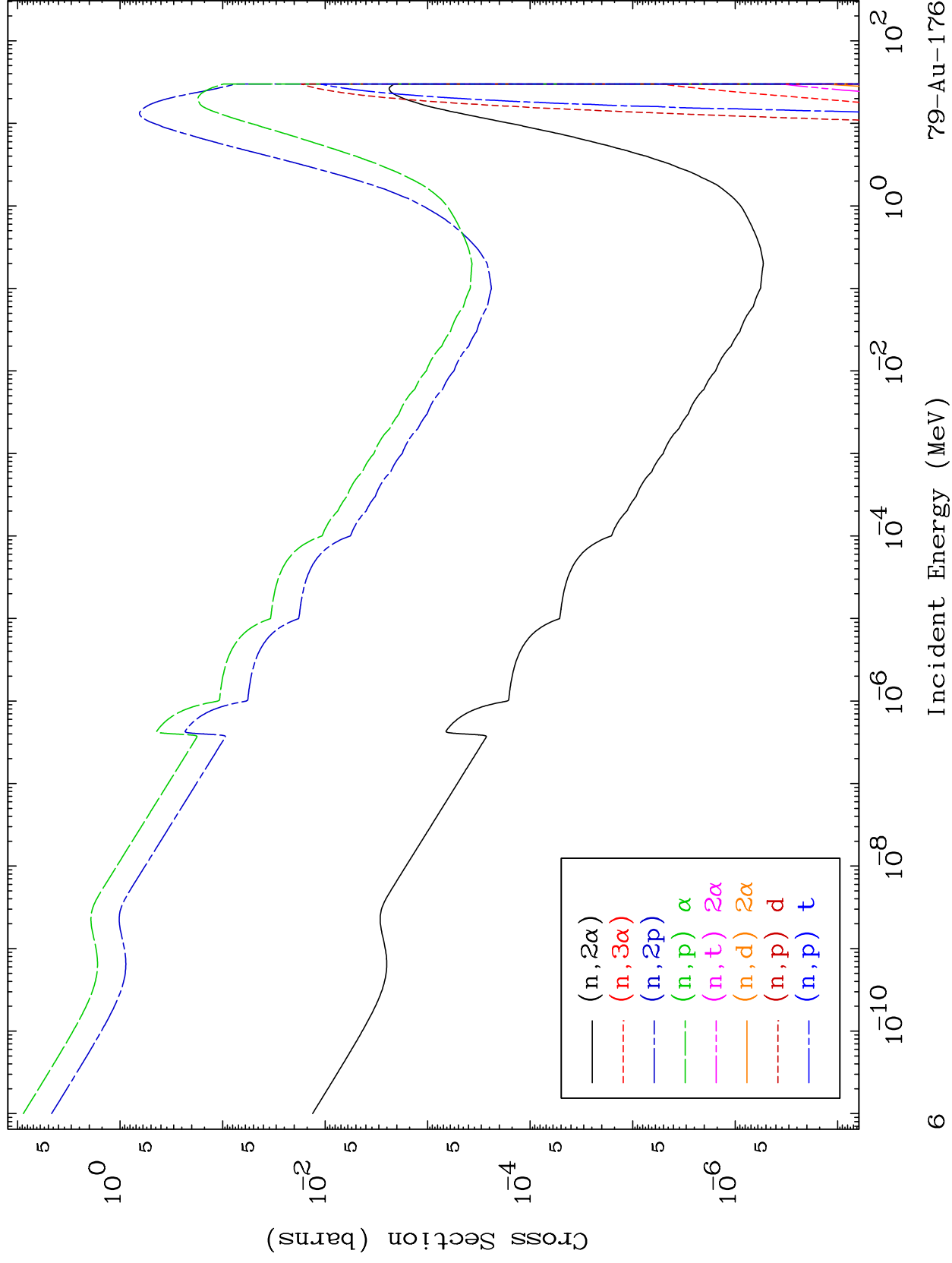


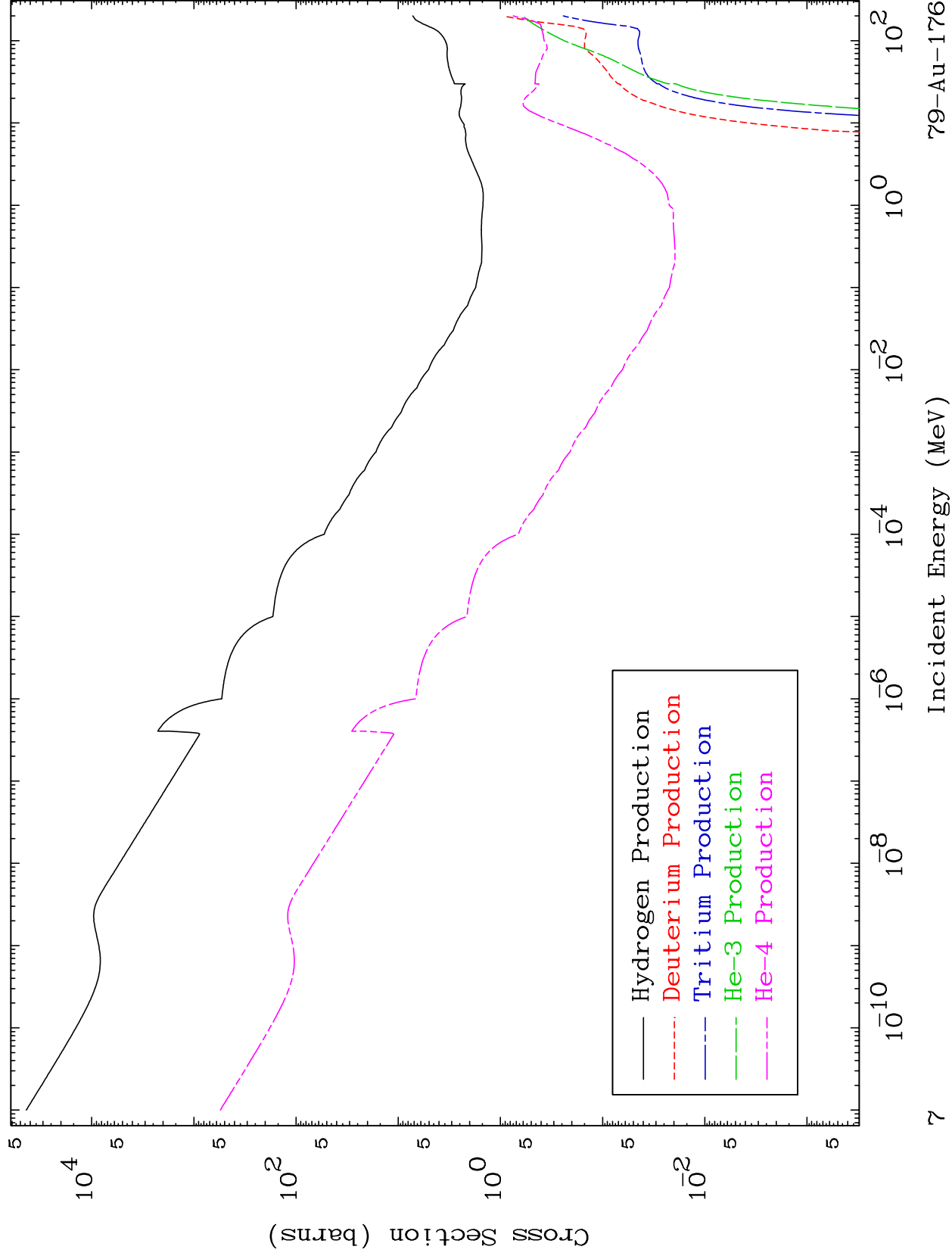


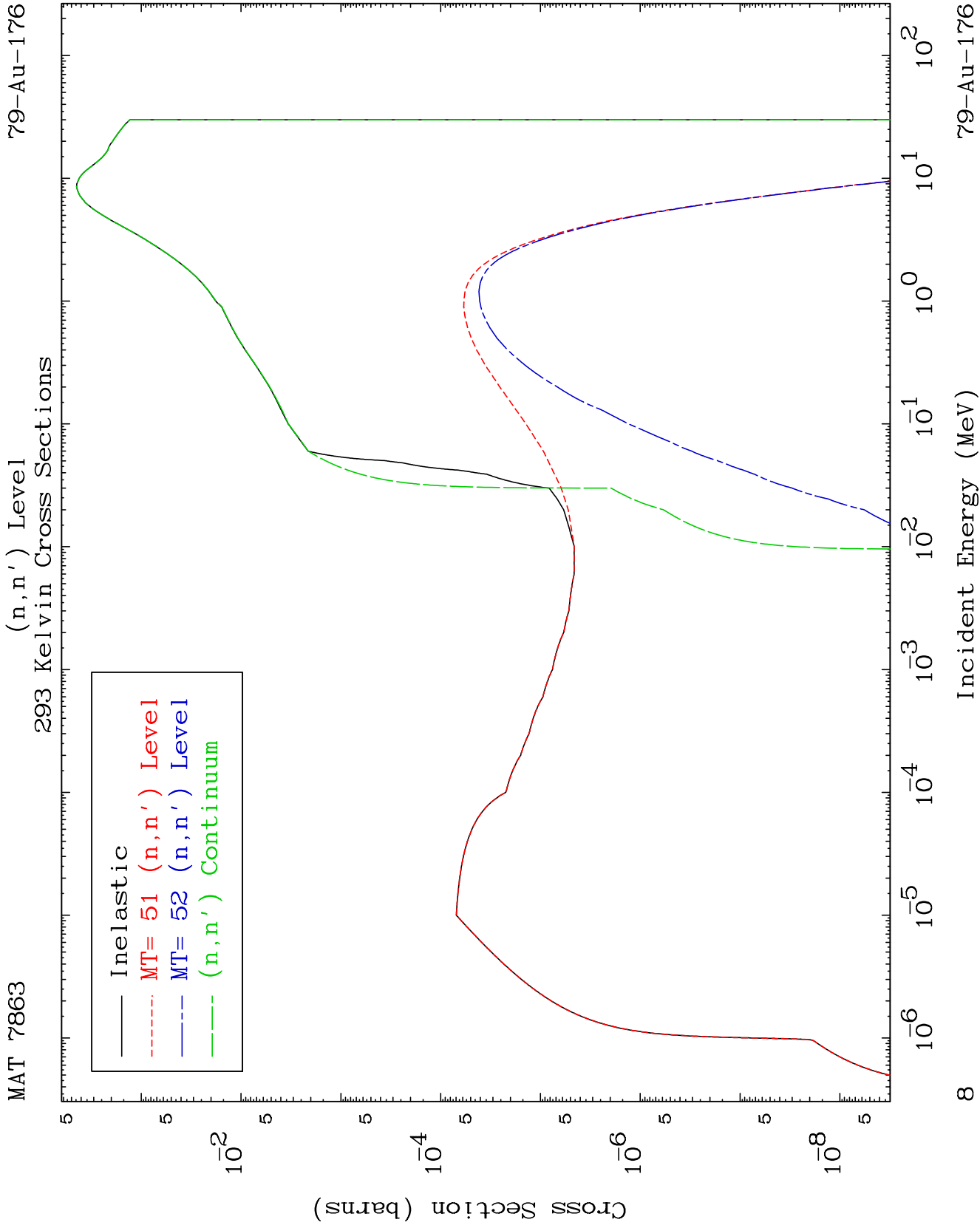
MAT 7863

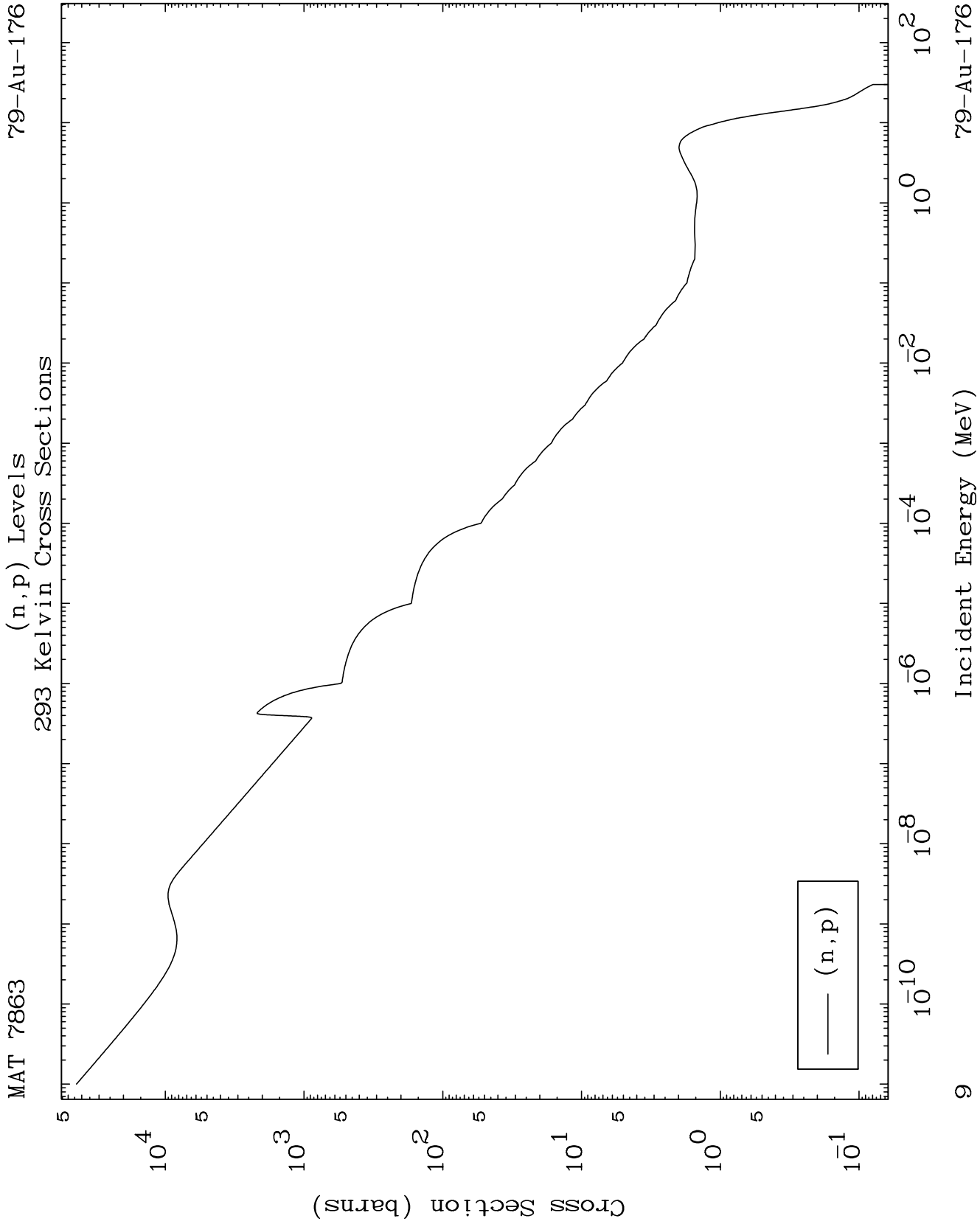
Charged Particle
293 Kelvin Cross Sections

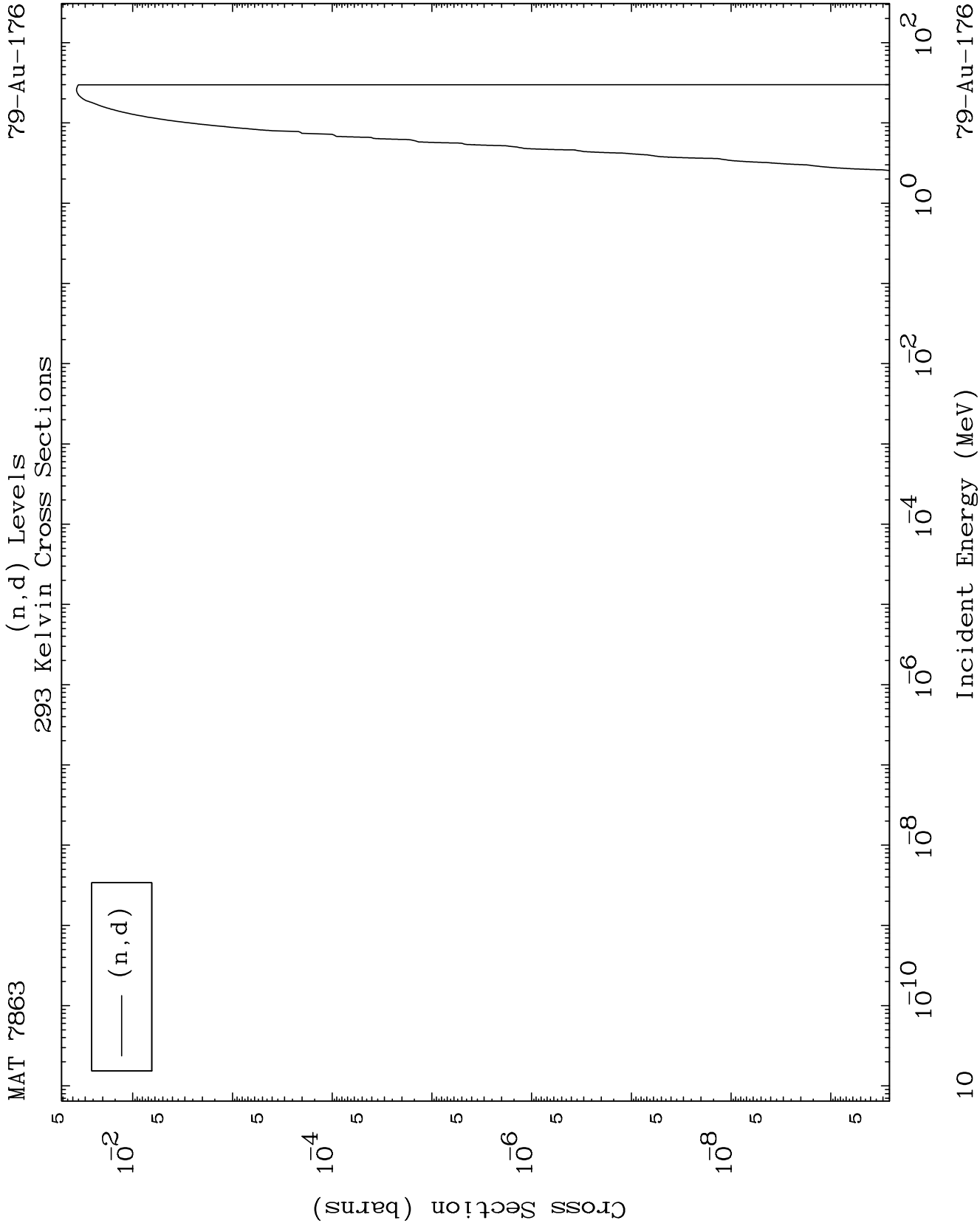
79-Au-176

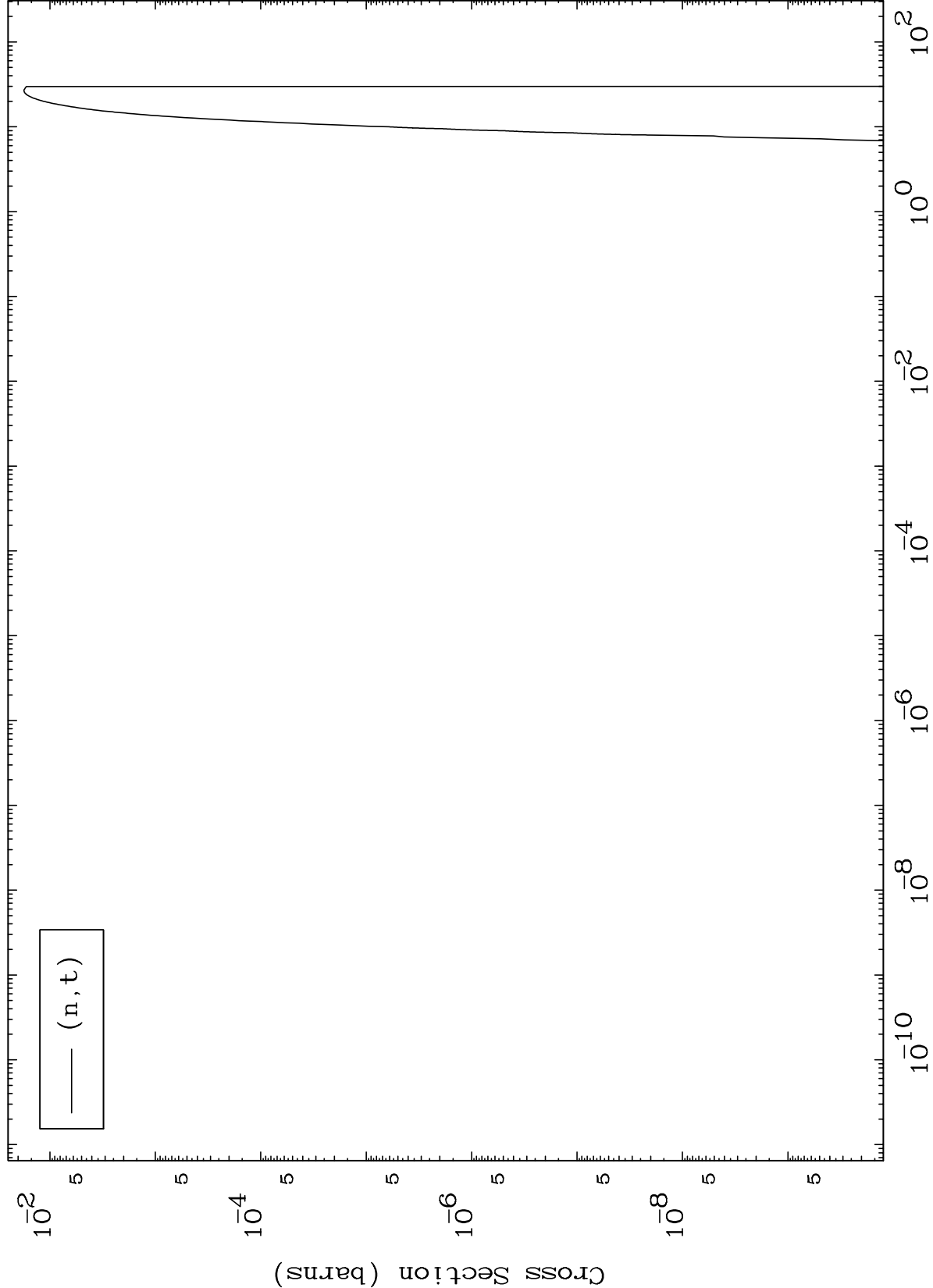








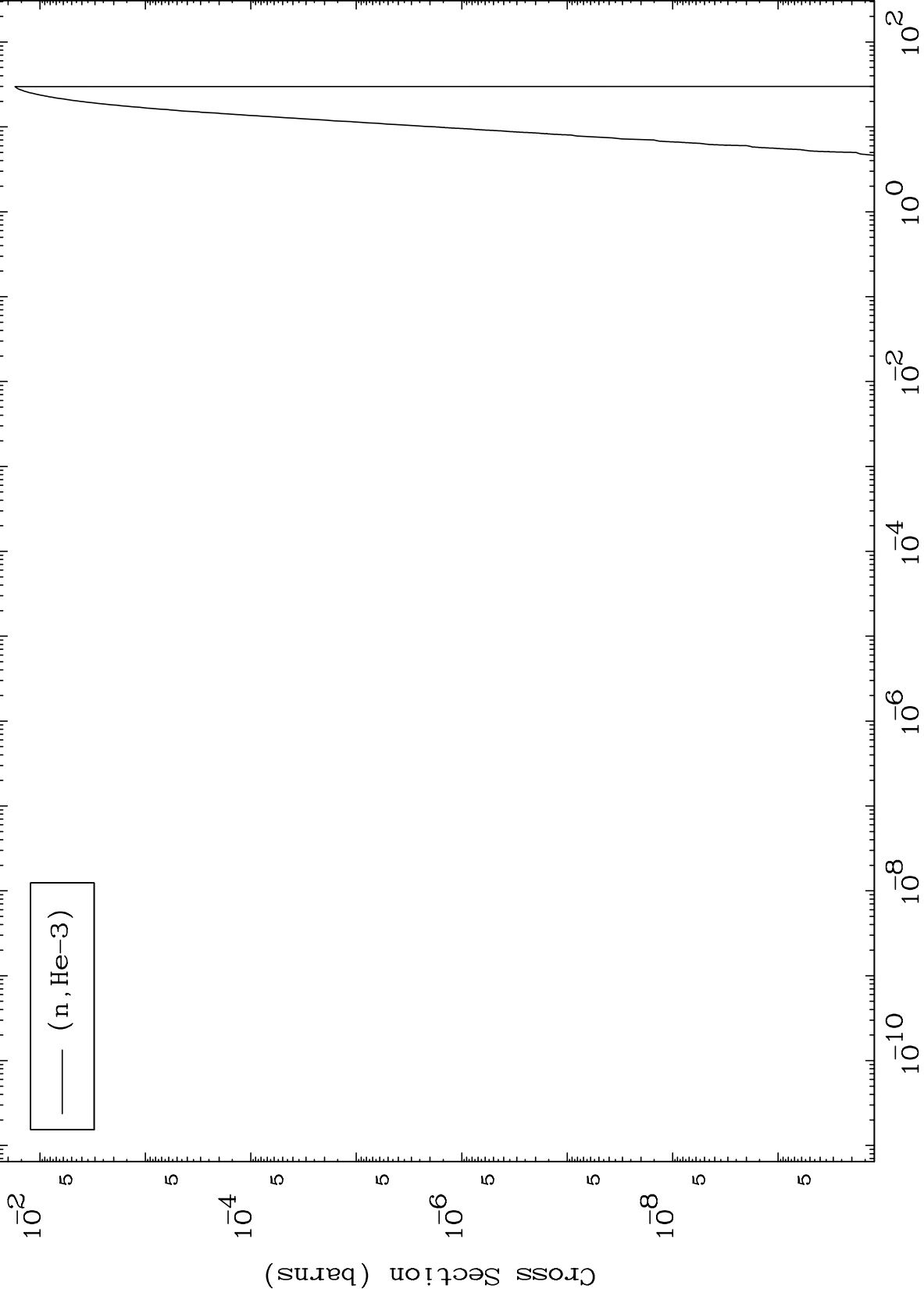




MAT 7863

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-176



12

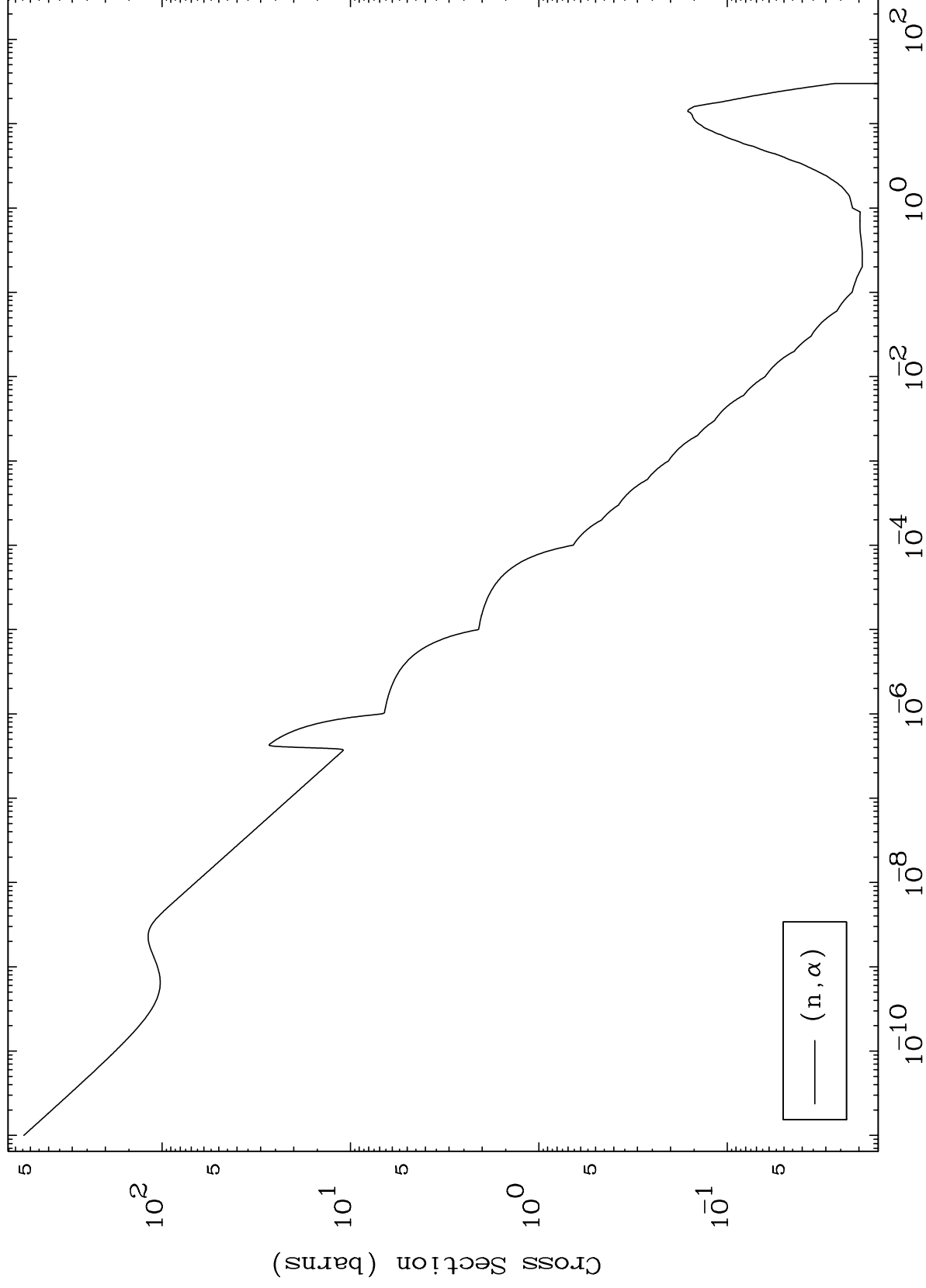
Incident Energy (MeV)

79-Au-176

MAT 7863

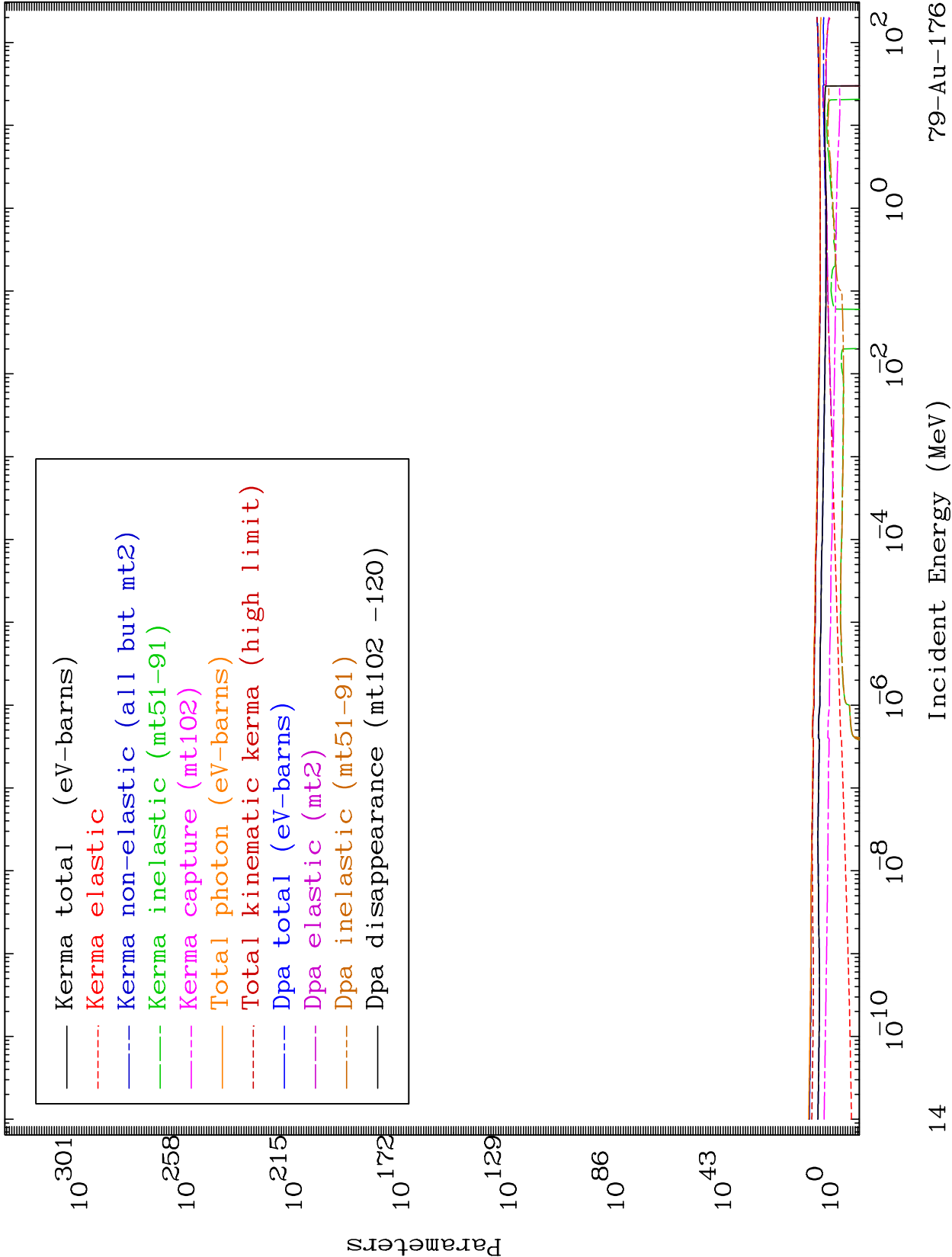
79-Au-176

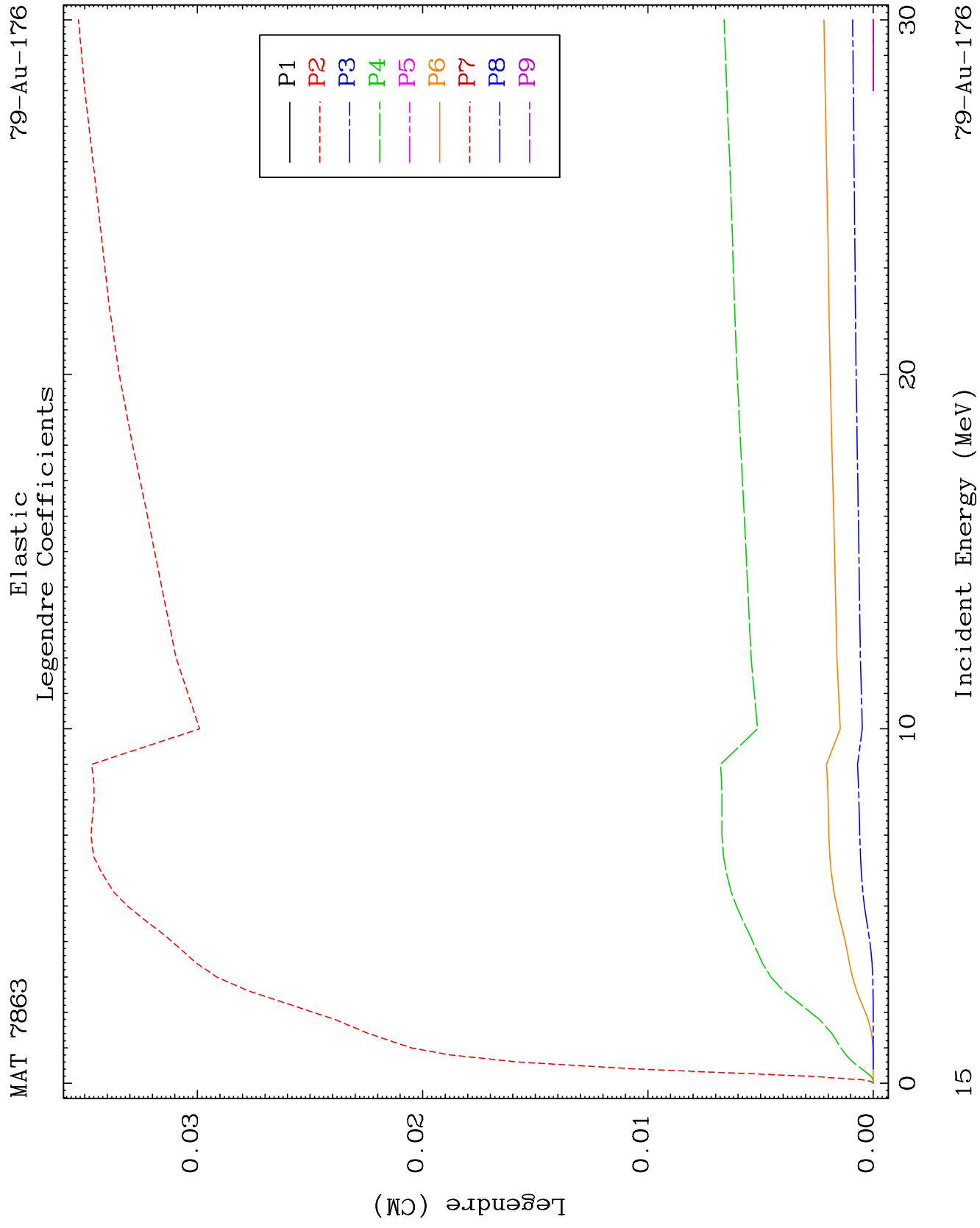
(n, α) Levels
293 Kelvin Cross Sections

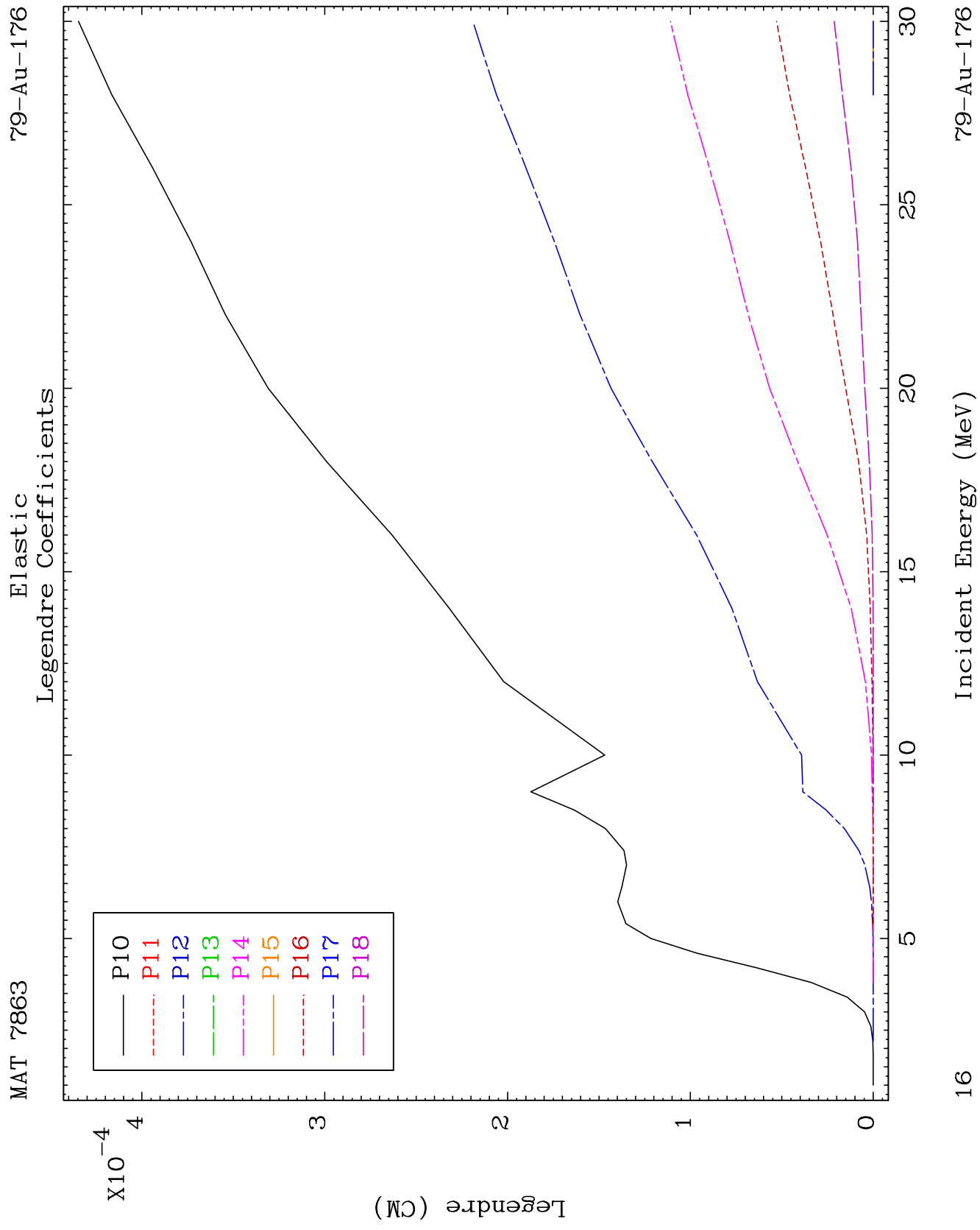


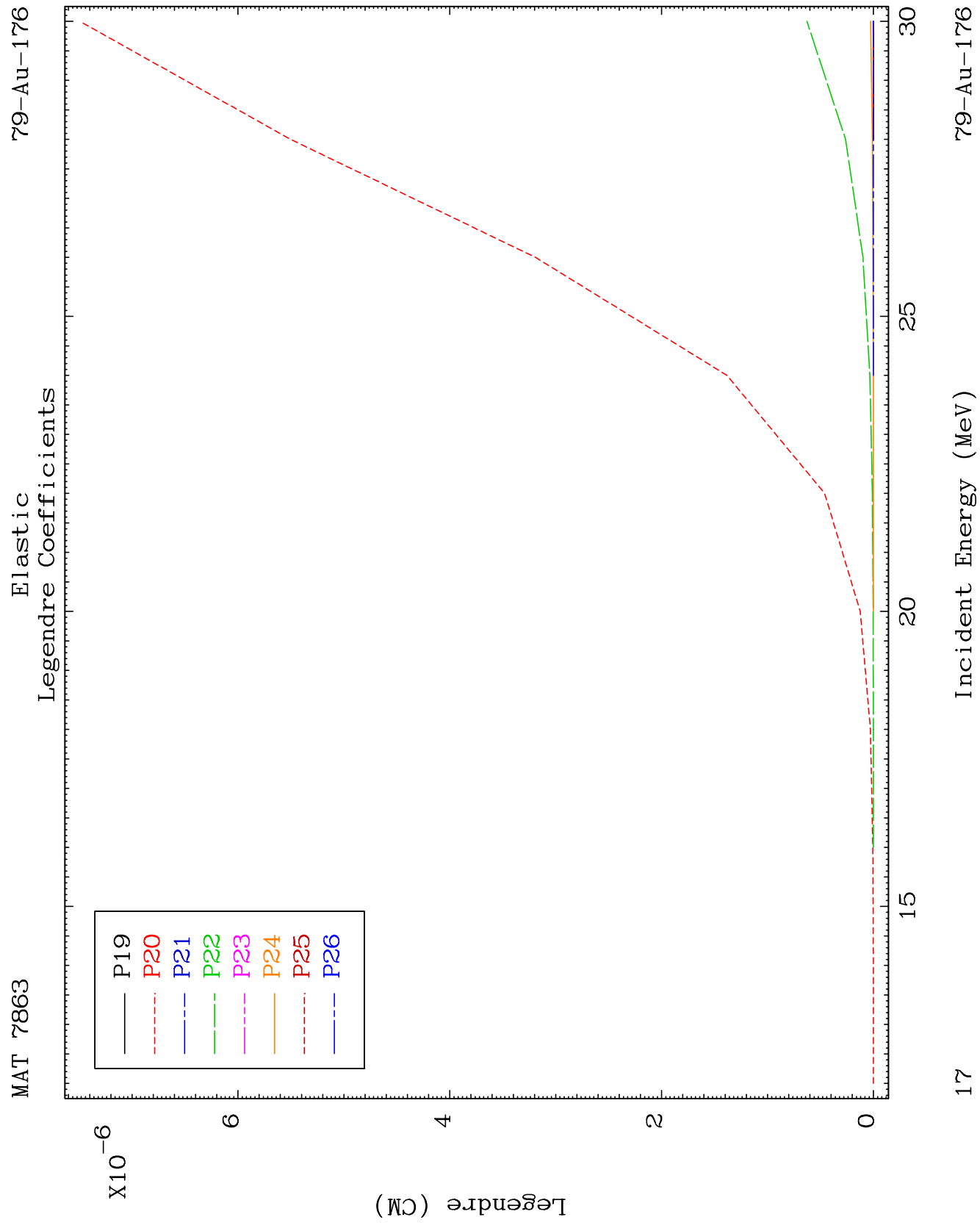
13

79-Au-176

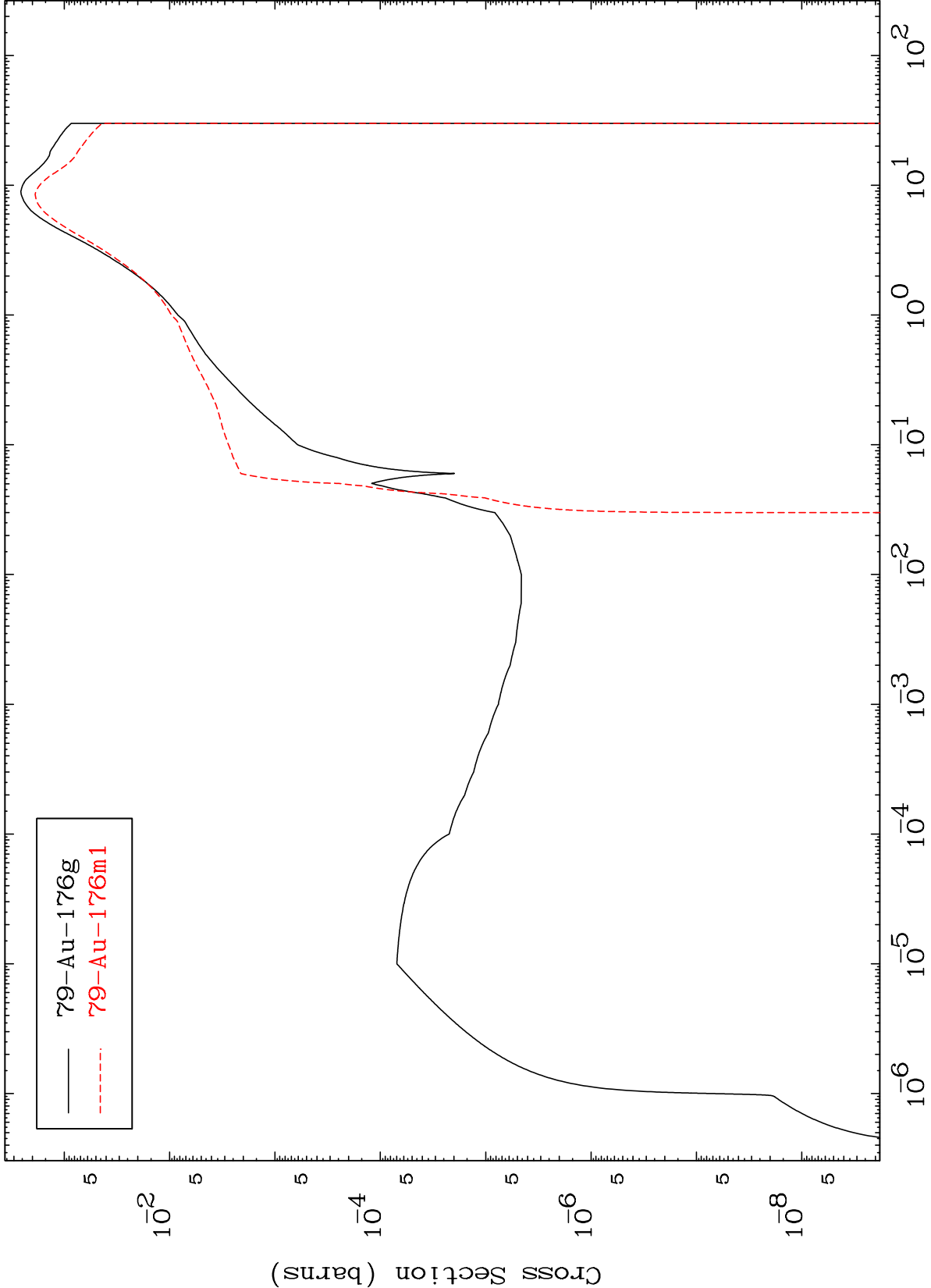








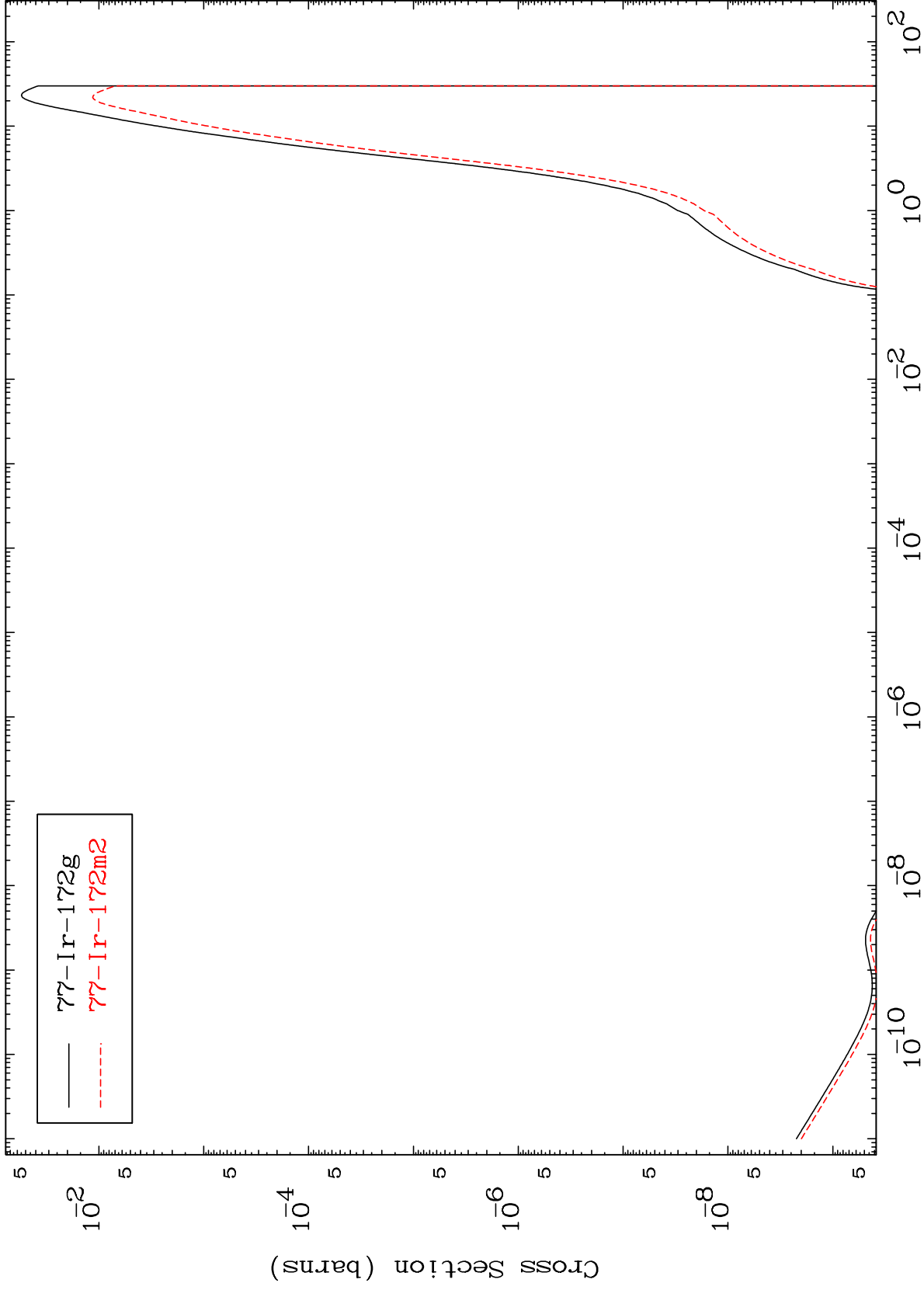
Inelastic
Radionuclide Production Cross Section



MAT 7863

79-Au-176

Radionuclide Production Cross Section
(n,n') α



19

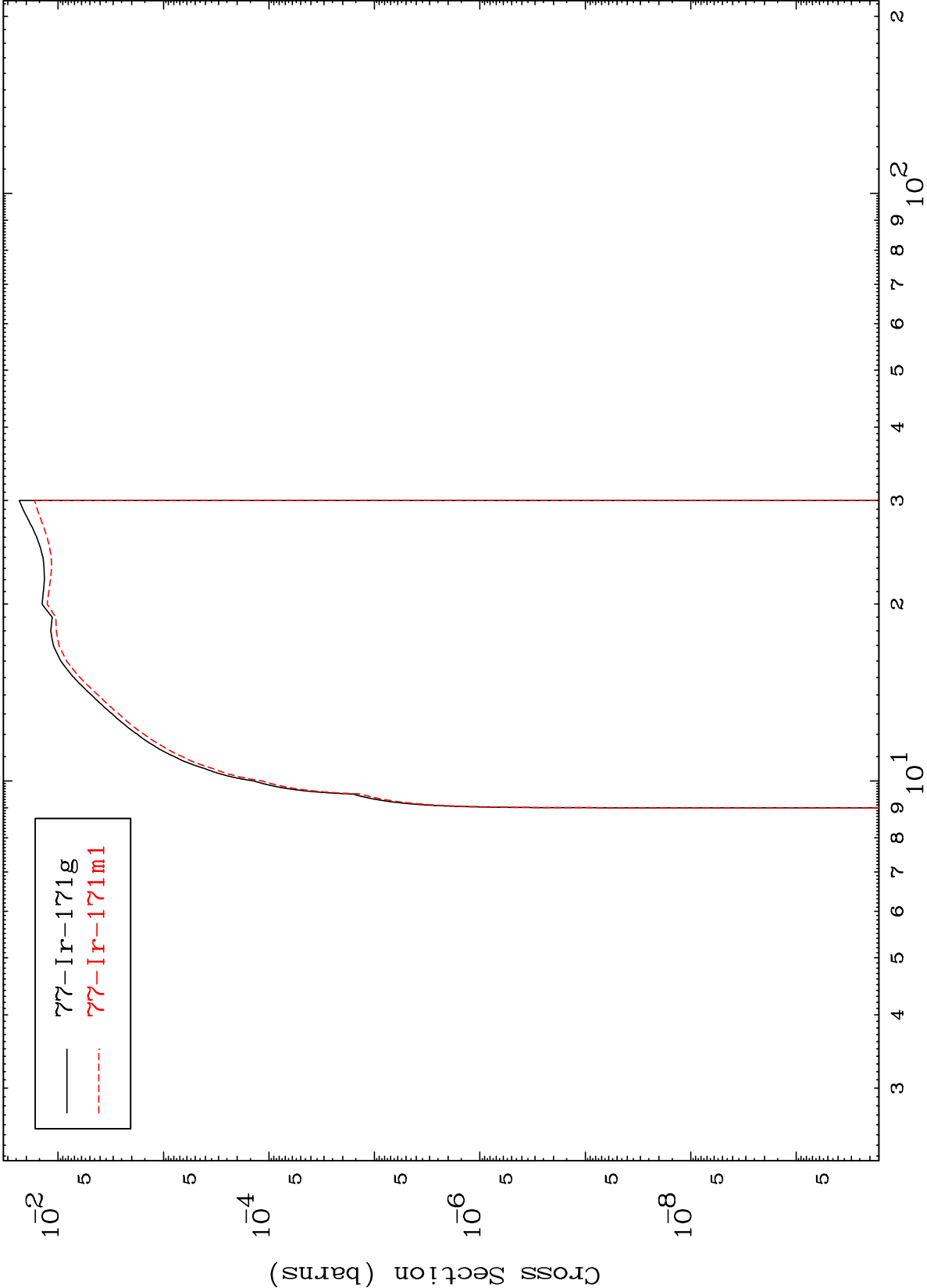
79-Au-176

MAT 7863

(n,2n) α

⁷⁹Au-176

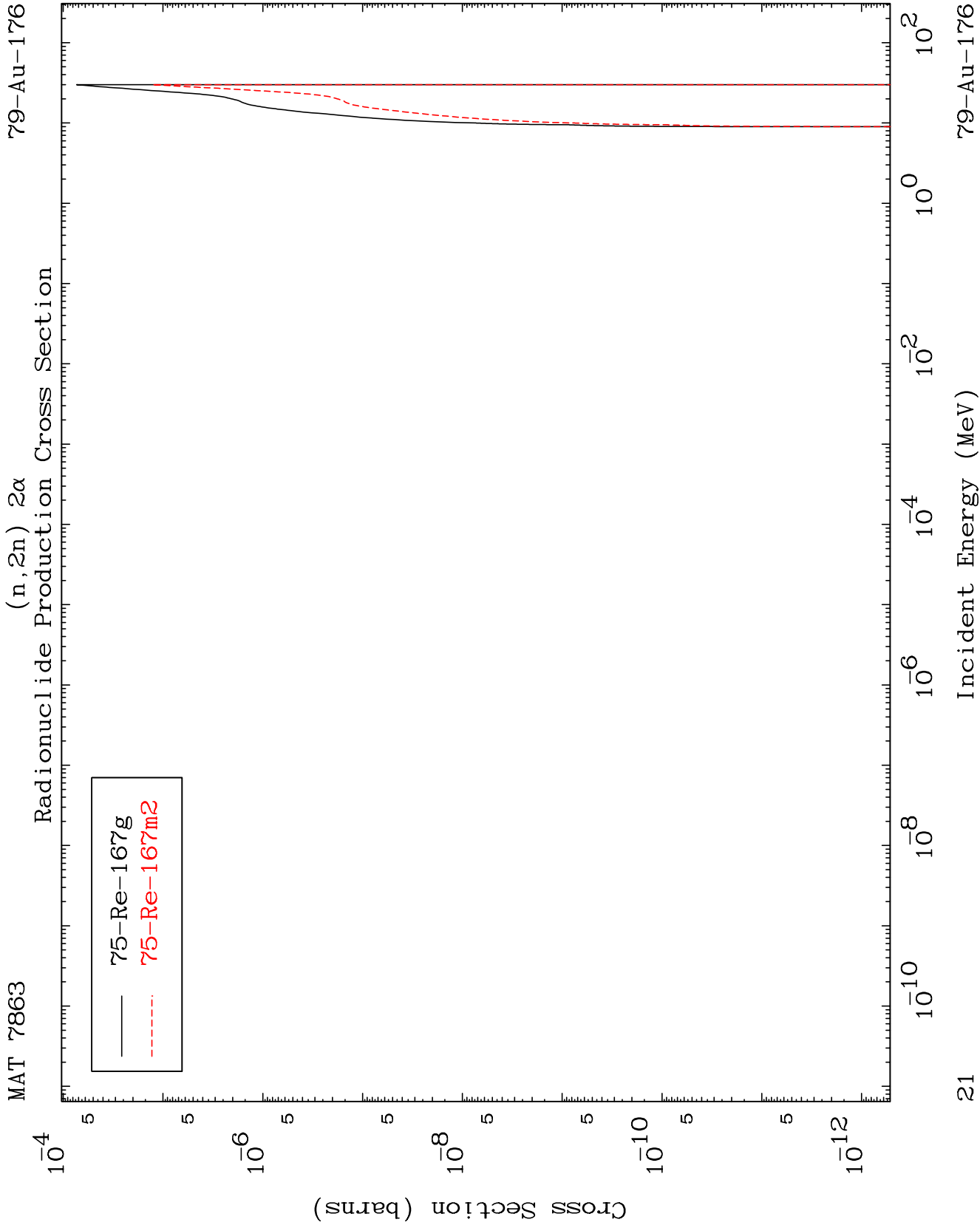
Radionuclide Production Cross Section



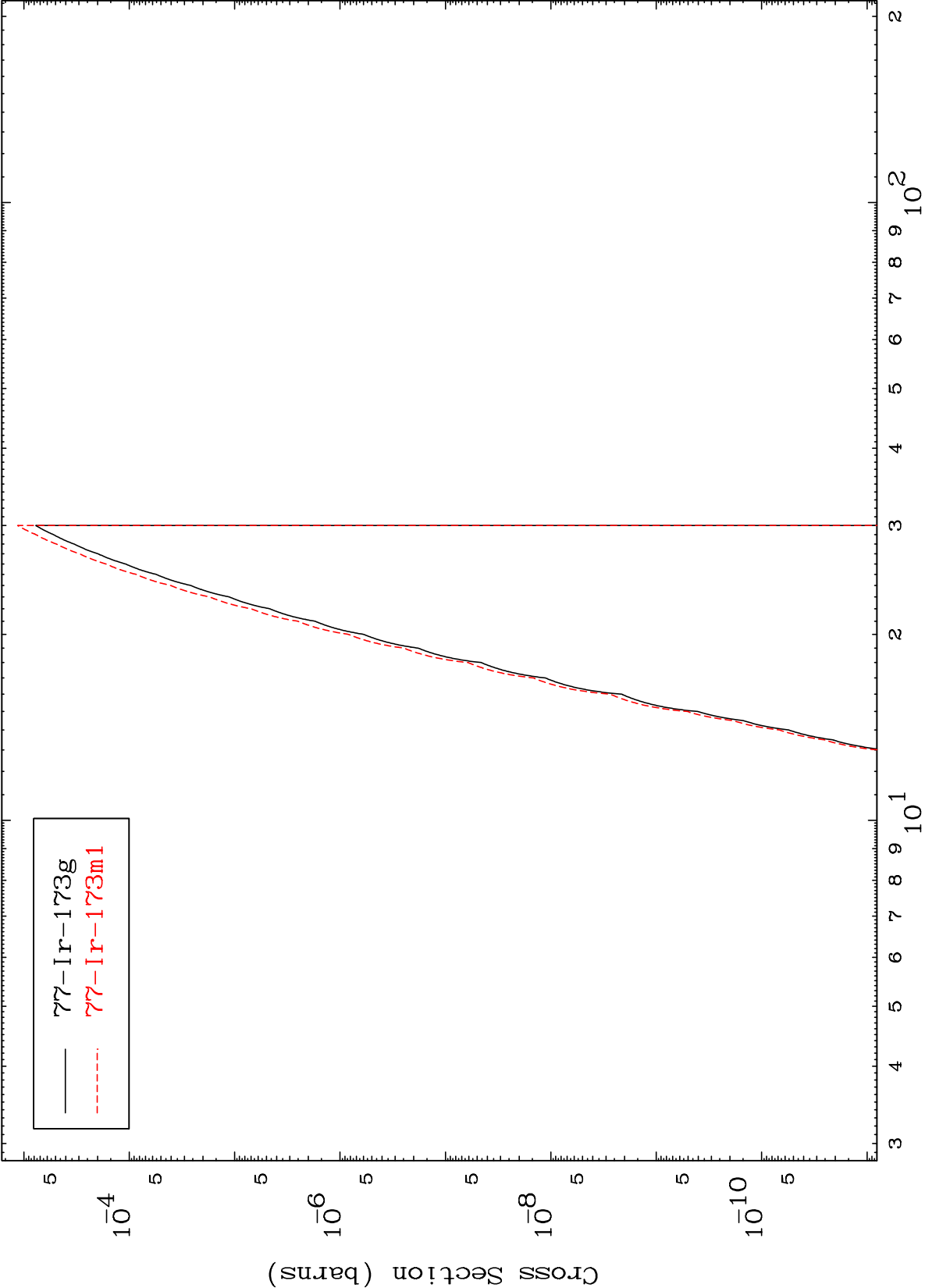
20

Incident Energy (MeV)

⁷⁹Au-176



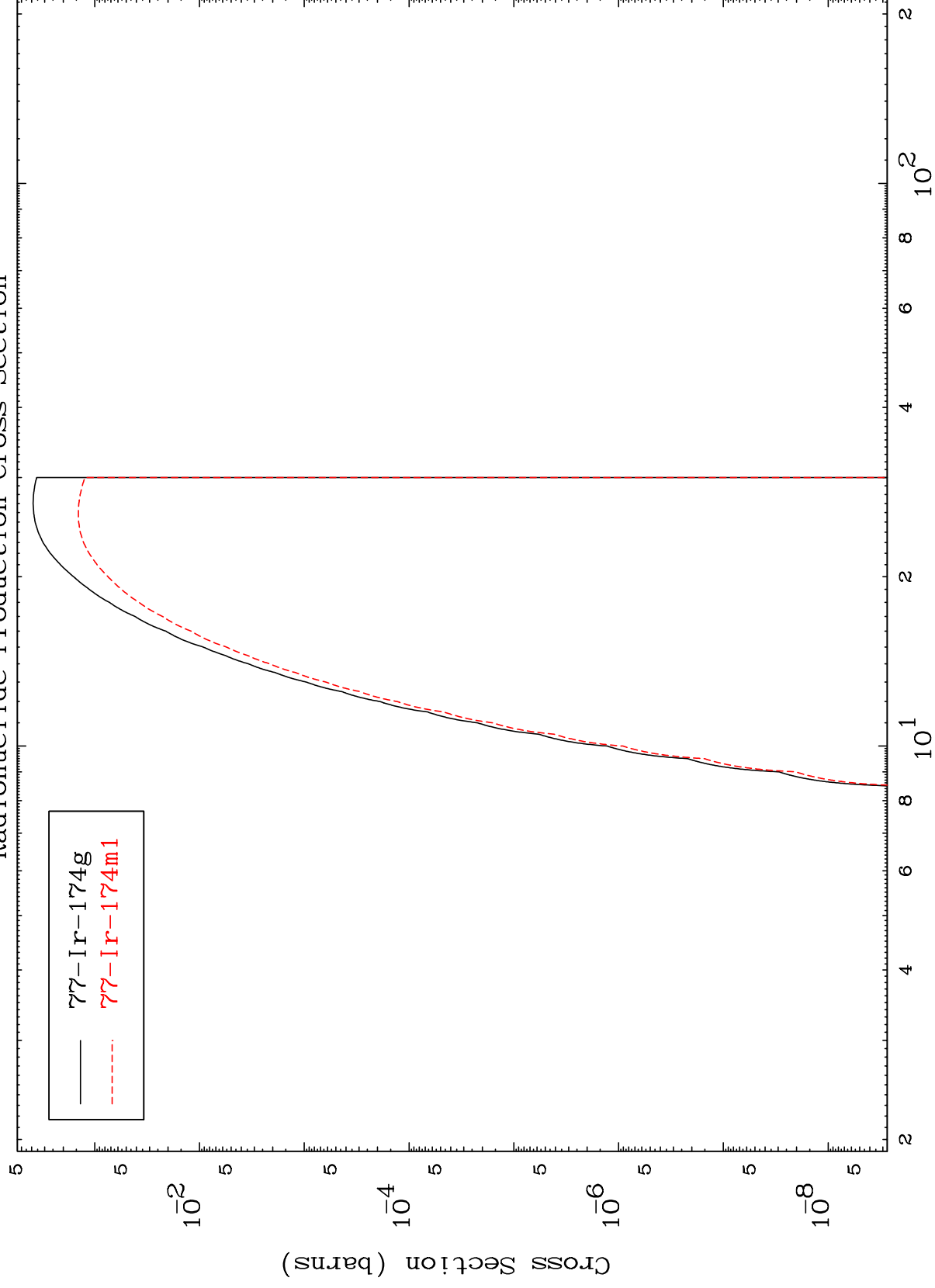
Radionuclide Production Cross Section



MAT 7863

⁷⁹Au-176

(n,2n) p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

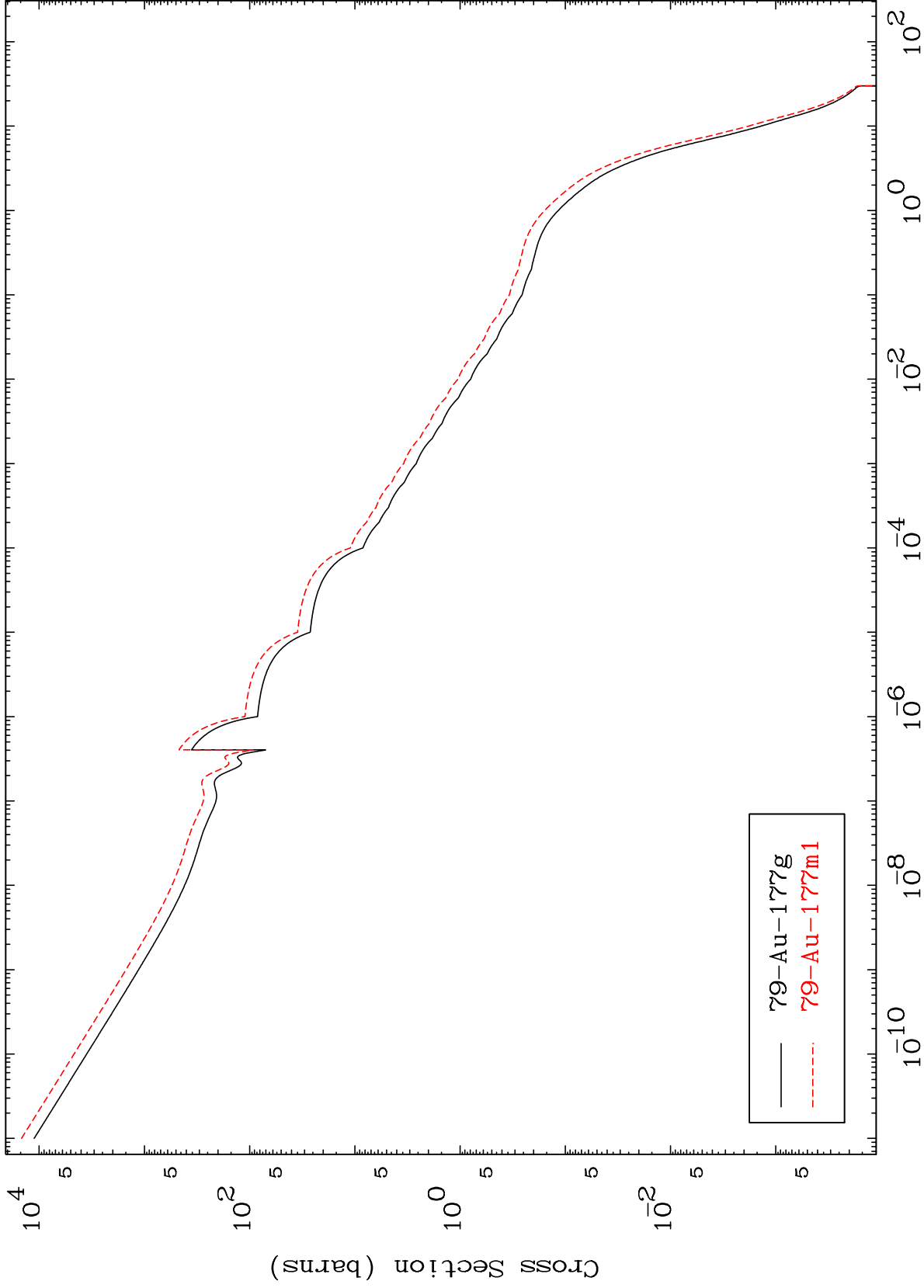
⁷⁹Au-176

MAT 7863

⁷⁹Au-176

Radionuclide Production Cross Section

(n,γ)



⁷⁹Au-176

Incident Energy (MeV)

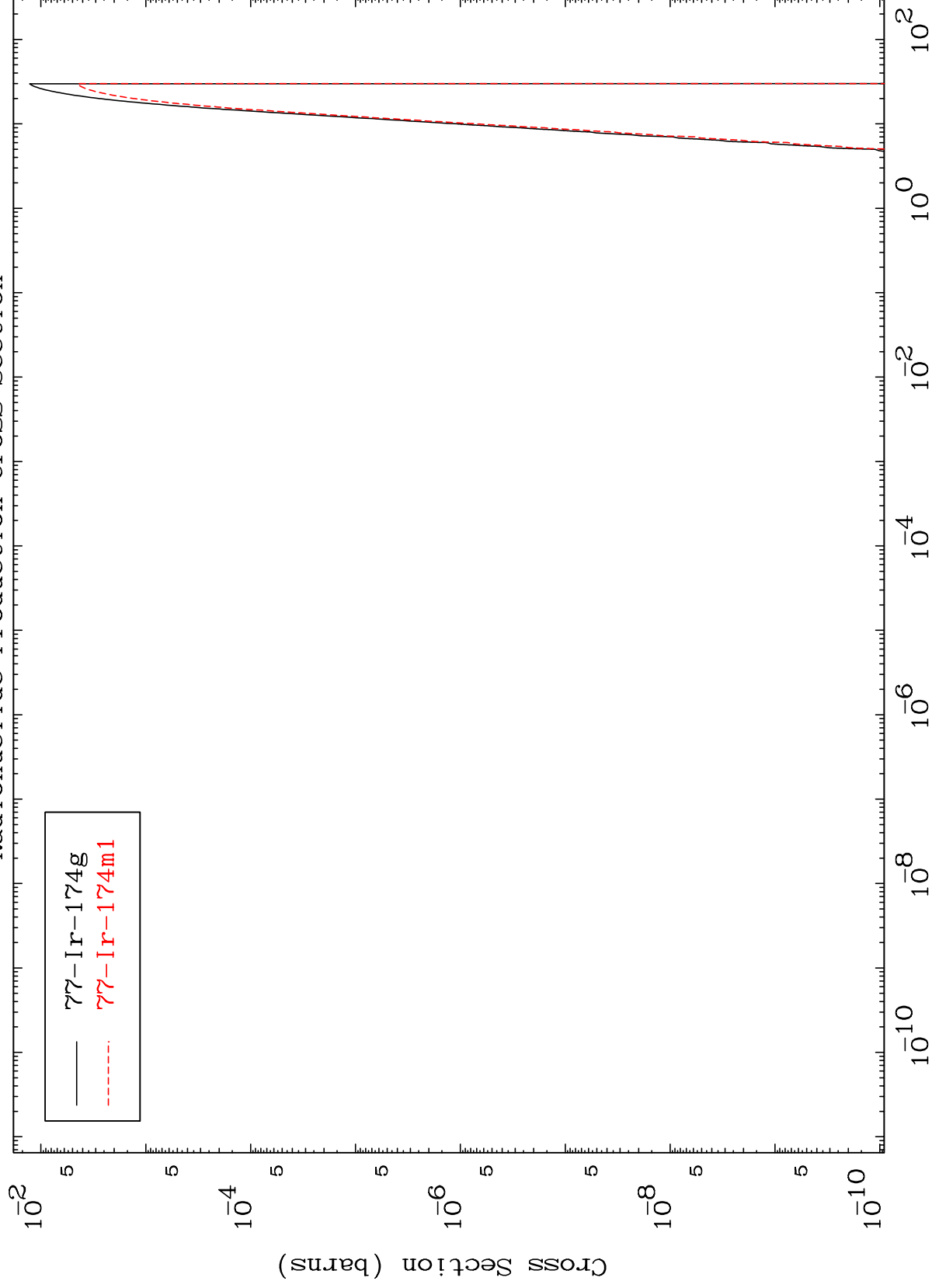
24

MAT 7863

(n,He-3)

79-Au-176

Radionuclide Production Cross Section



25

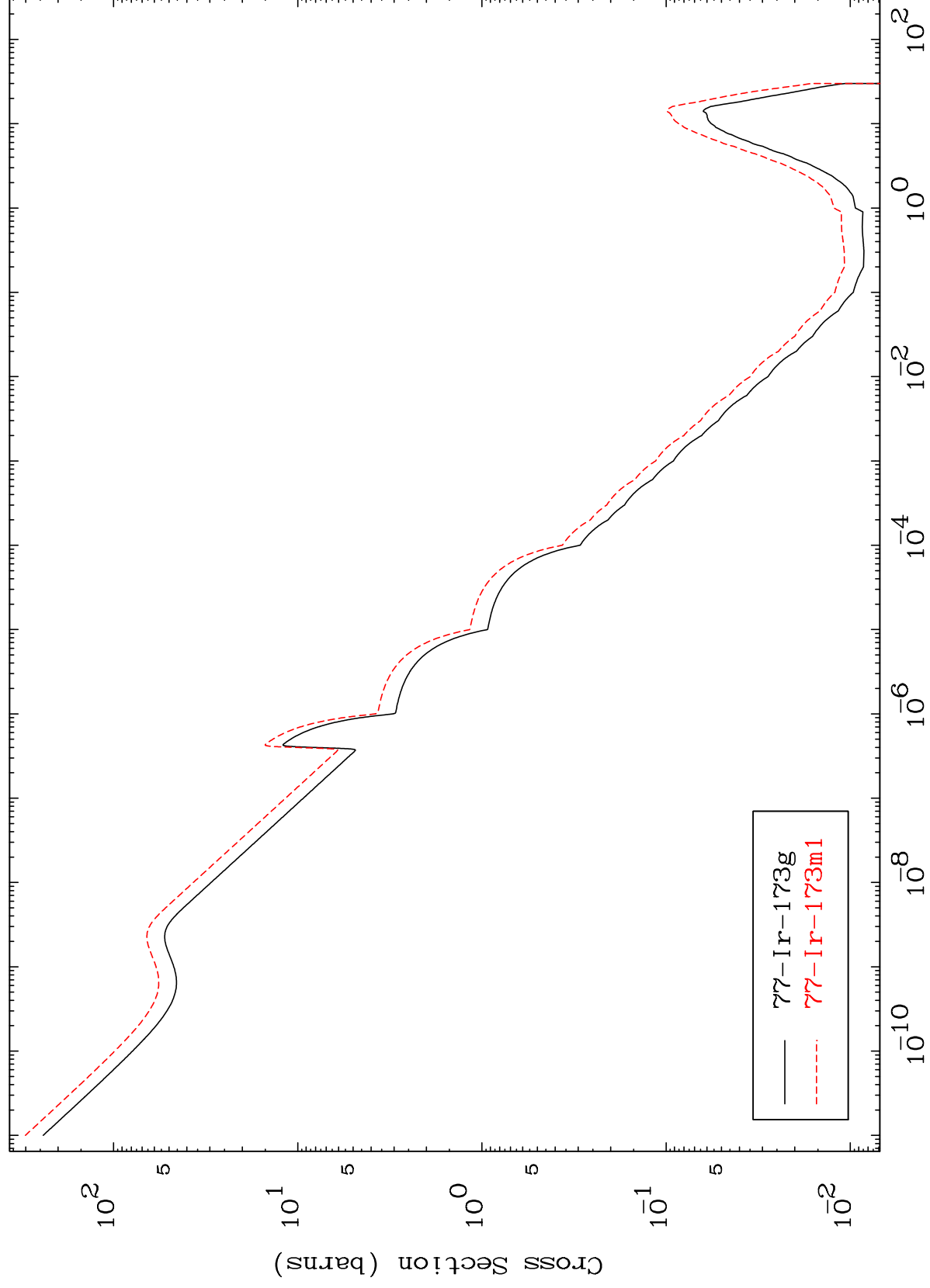
Incident Energy (MeV)

79-Au-176

MAT 7863

⁷⁹Au-176

Radionuclide Production Cross Section
(n,α)



26

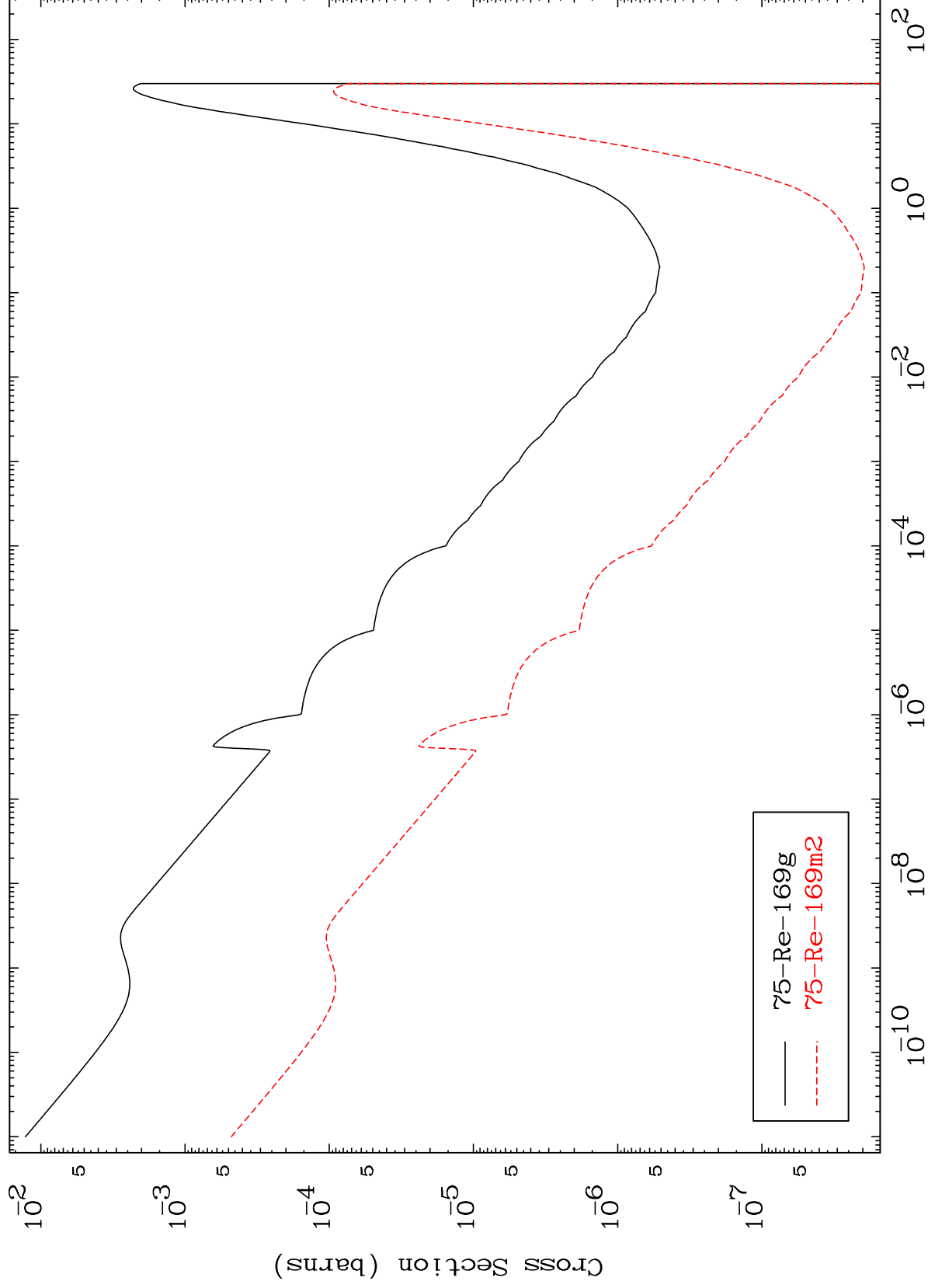
⁷⁹Au-176

MAT 7863

(n,2 α)

79-Au-176

Radionuclide Production Cross Section



27

Incident Energy (MeV)

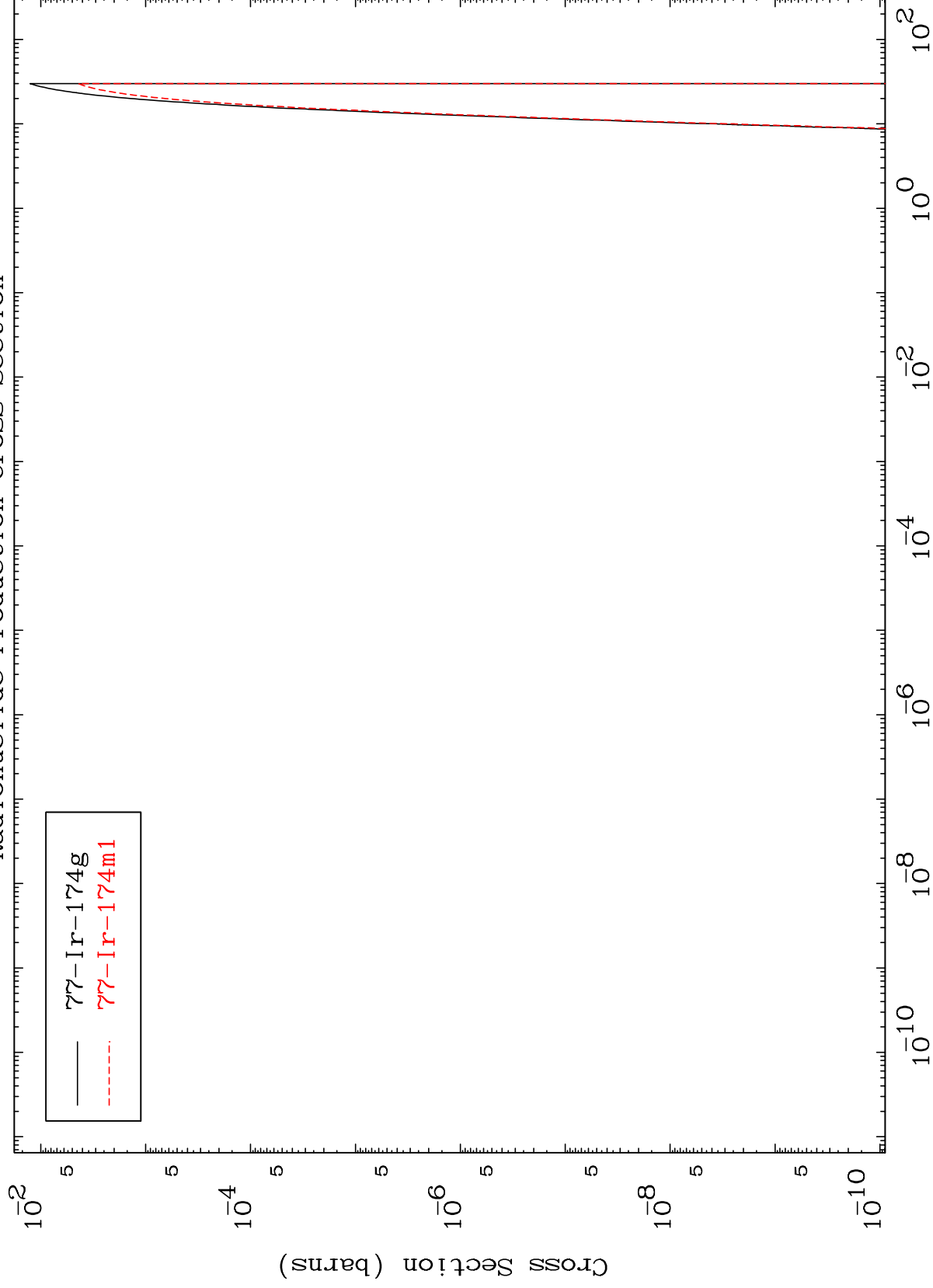
79-Au-176

MAT 7863

(n,p) d

⁷⁹Au-176

Radionuclide Production Cross Section



28

Incident Energy (MeV)

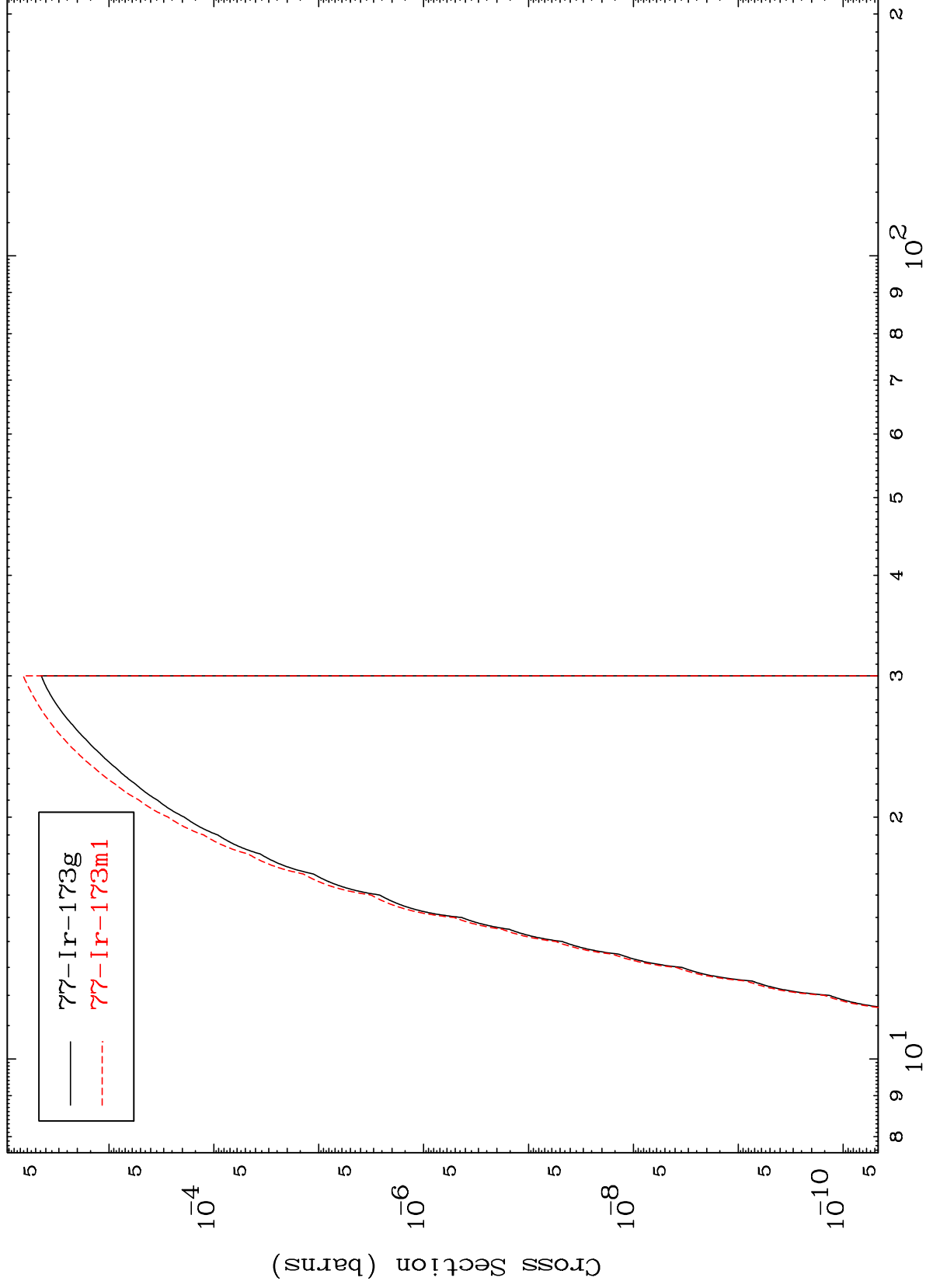
⁷⁹Au-176

MAT 7863

79-Au-176

(n,p) t

Radionuclide Production Cross Section



29

Incident Energy (MeV)

79-Au-176