

Program EVALPLOT
(Version 2021-1)

by

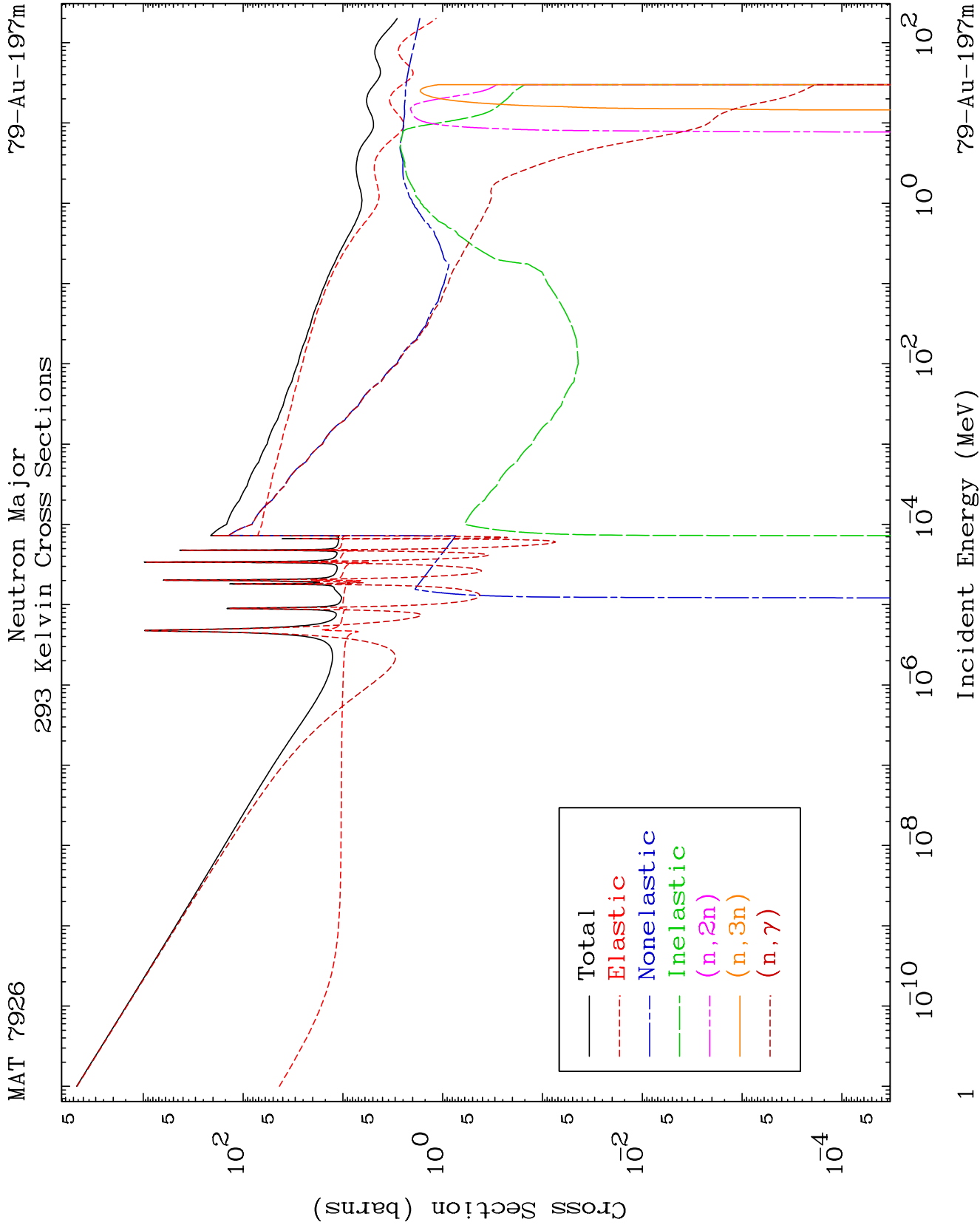
Dermott E. Cullen
(Present Contact Information)

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

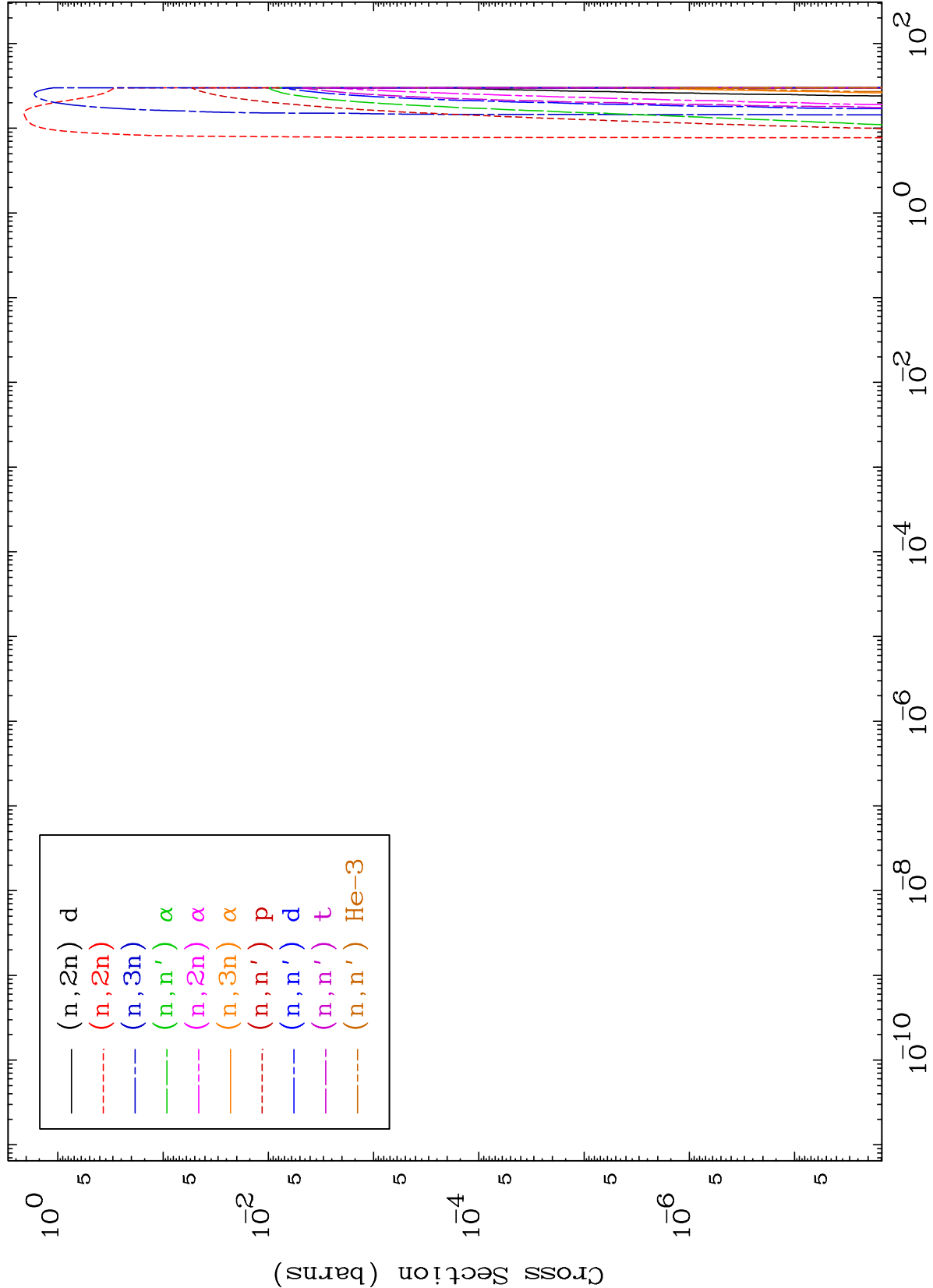
Press Mouse Button to Start

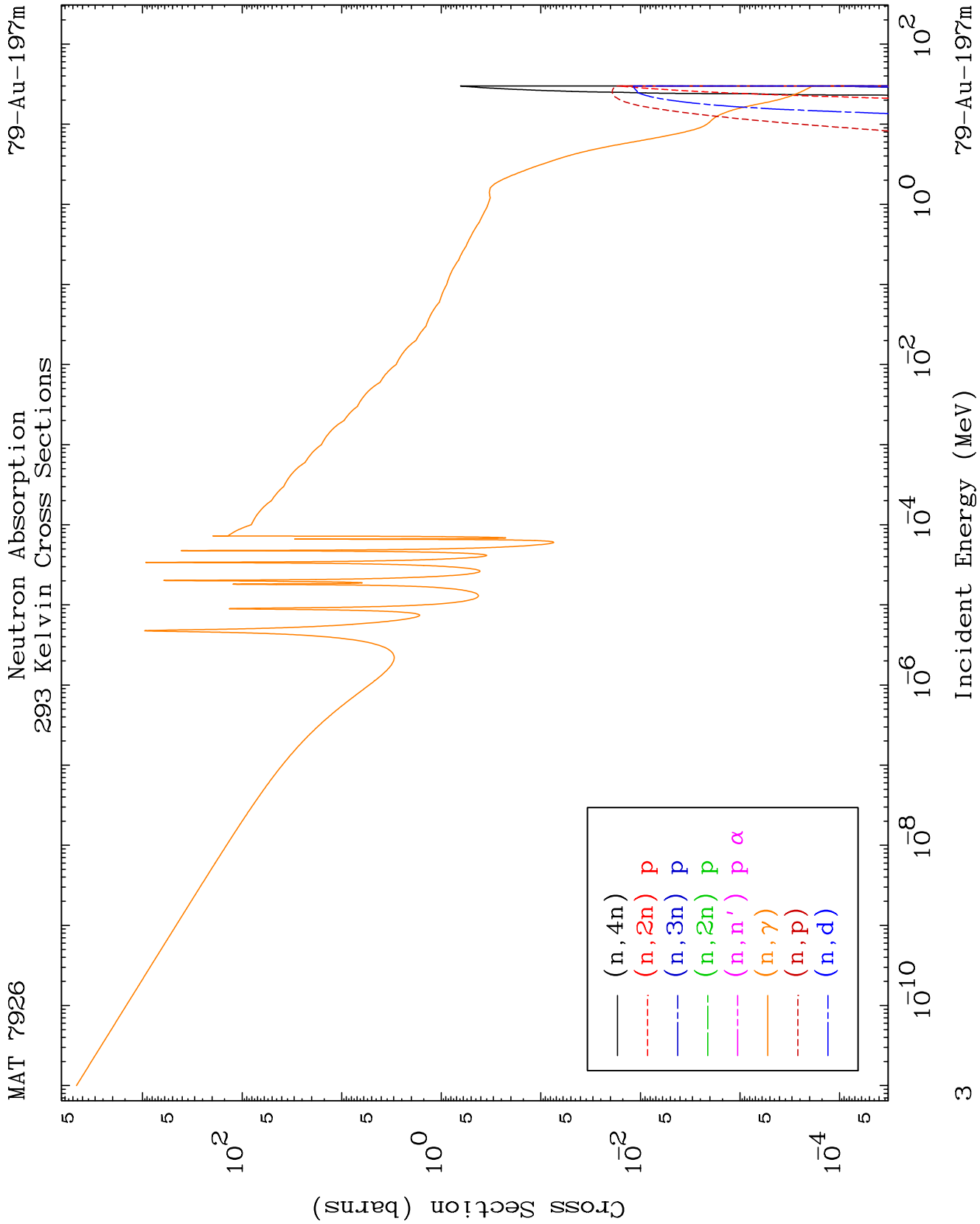


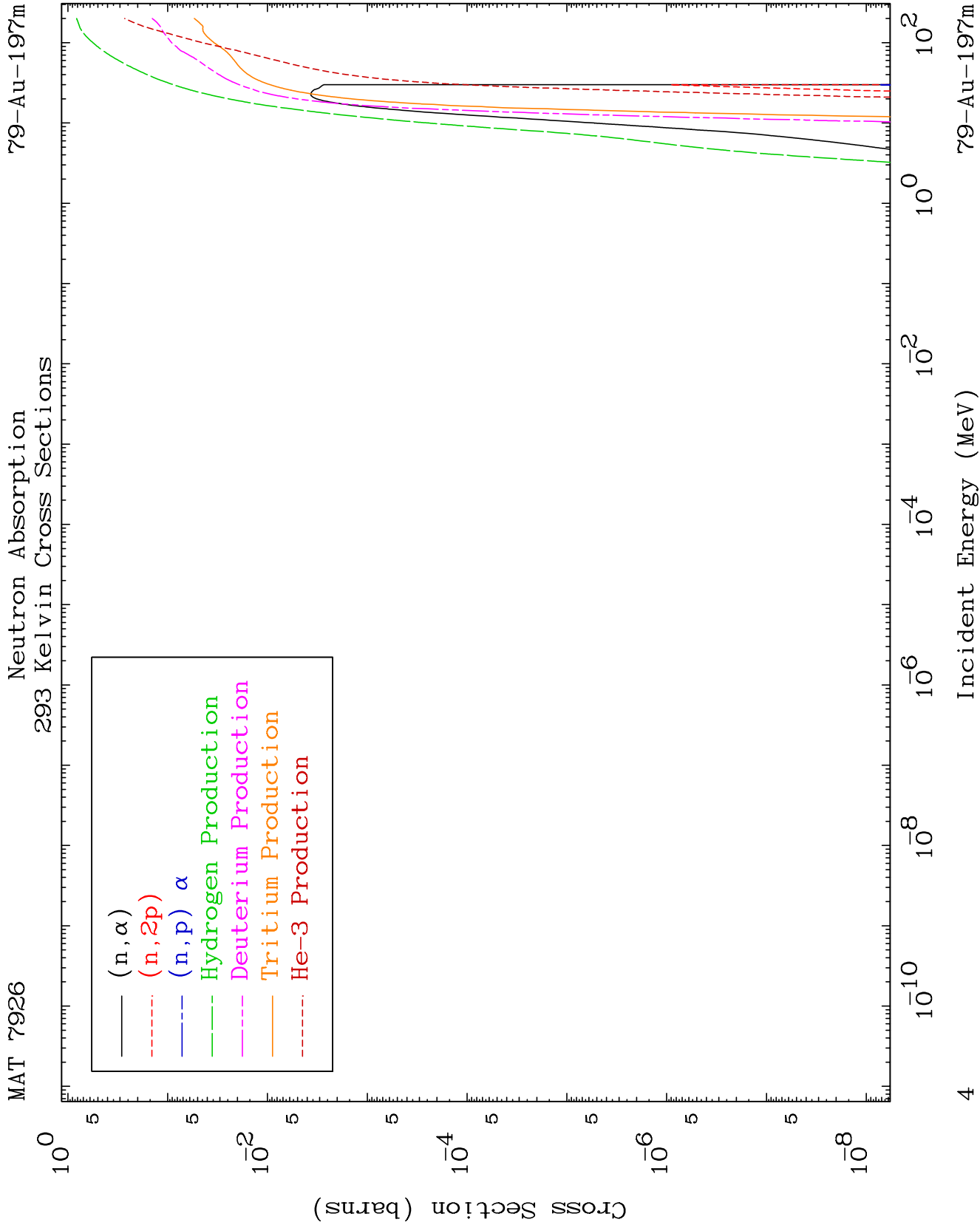
MAT 7926

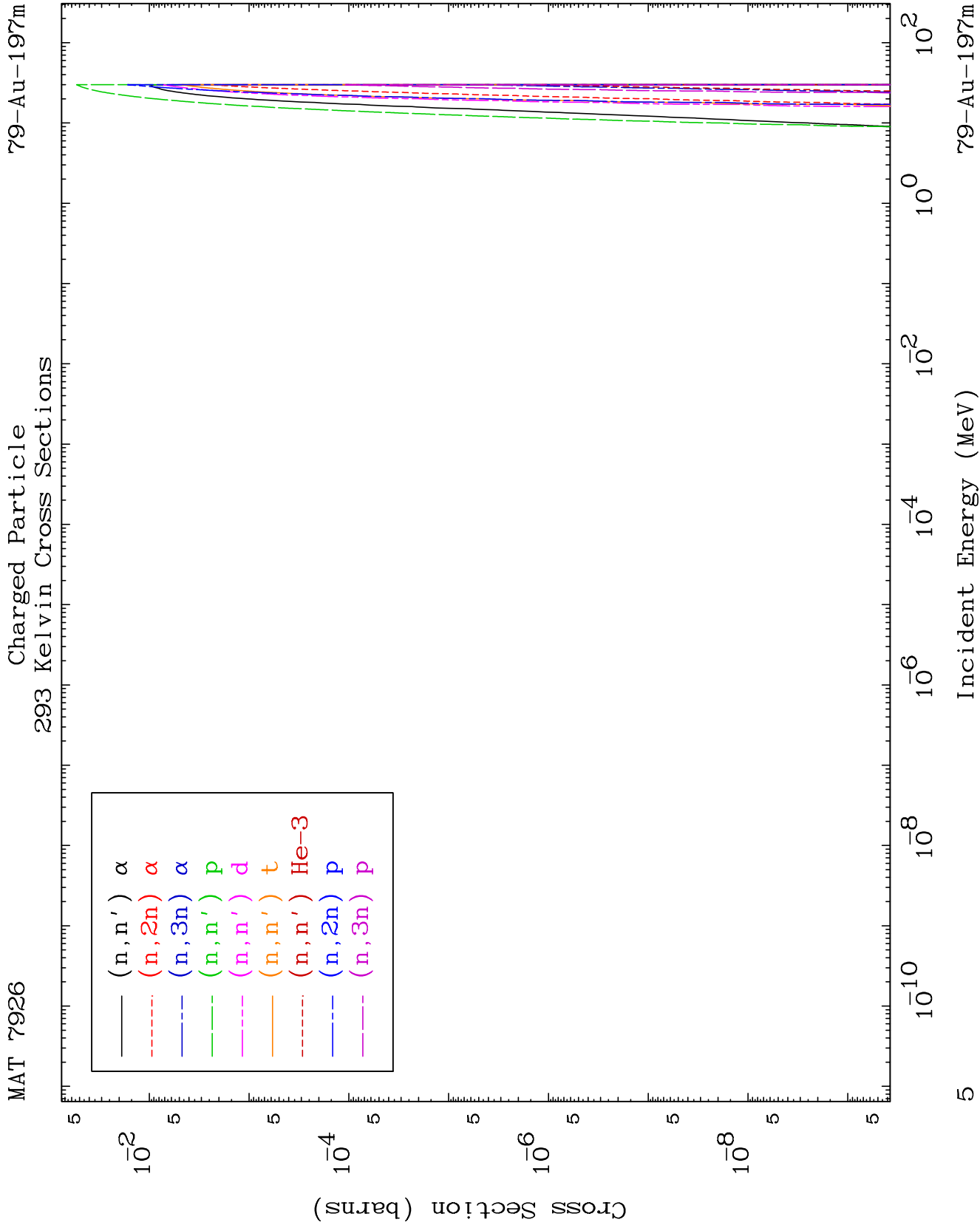
Neutron Absorption
293 Kelvin Cross Sections

79-Au-197m





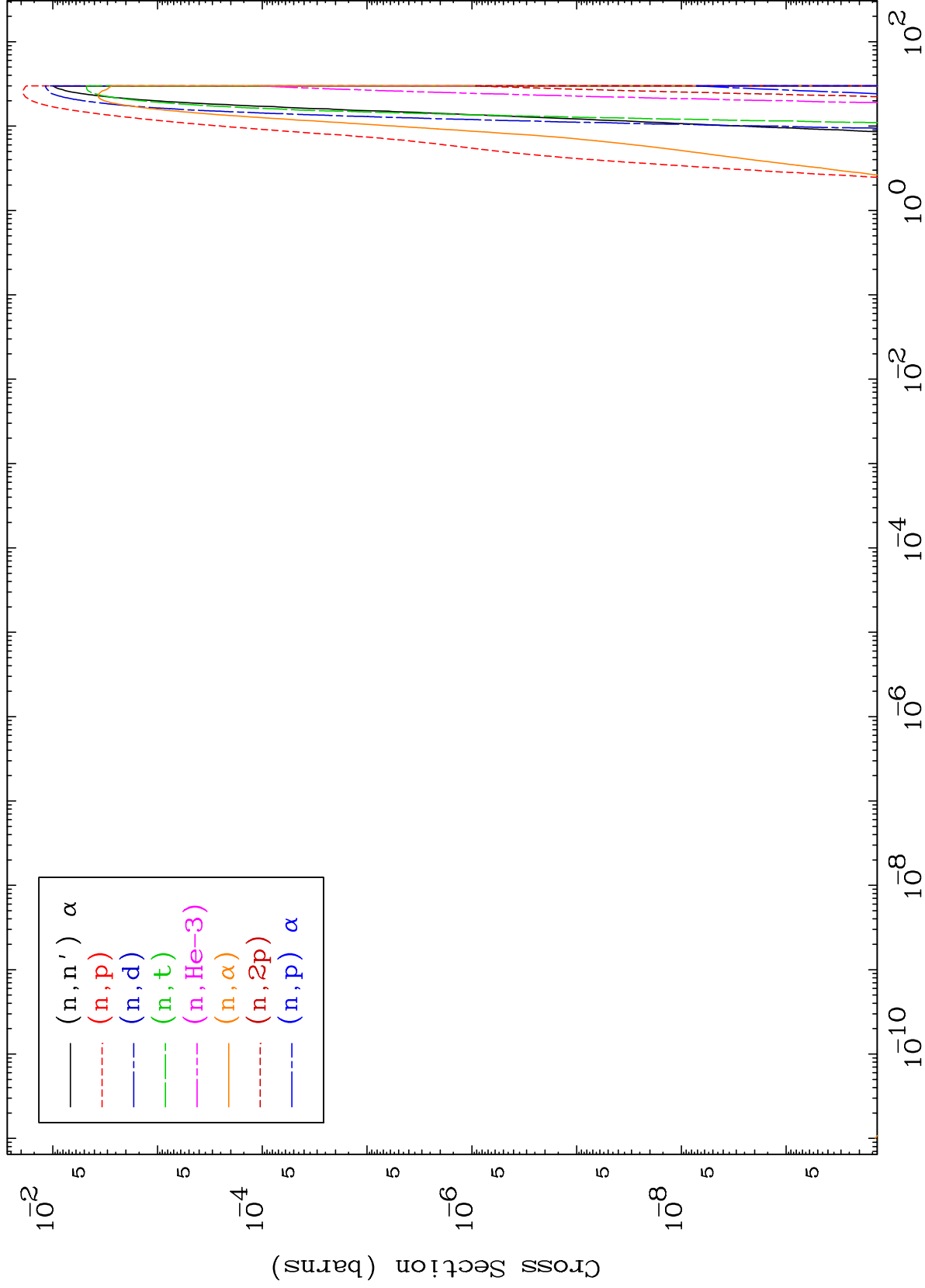


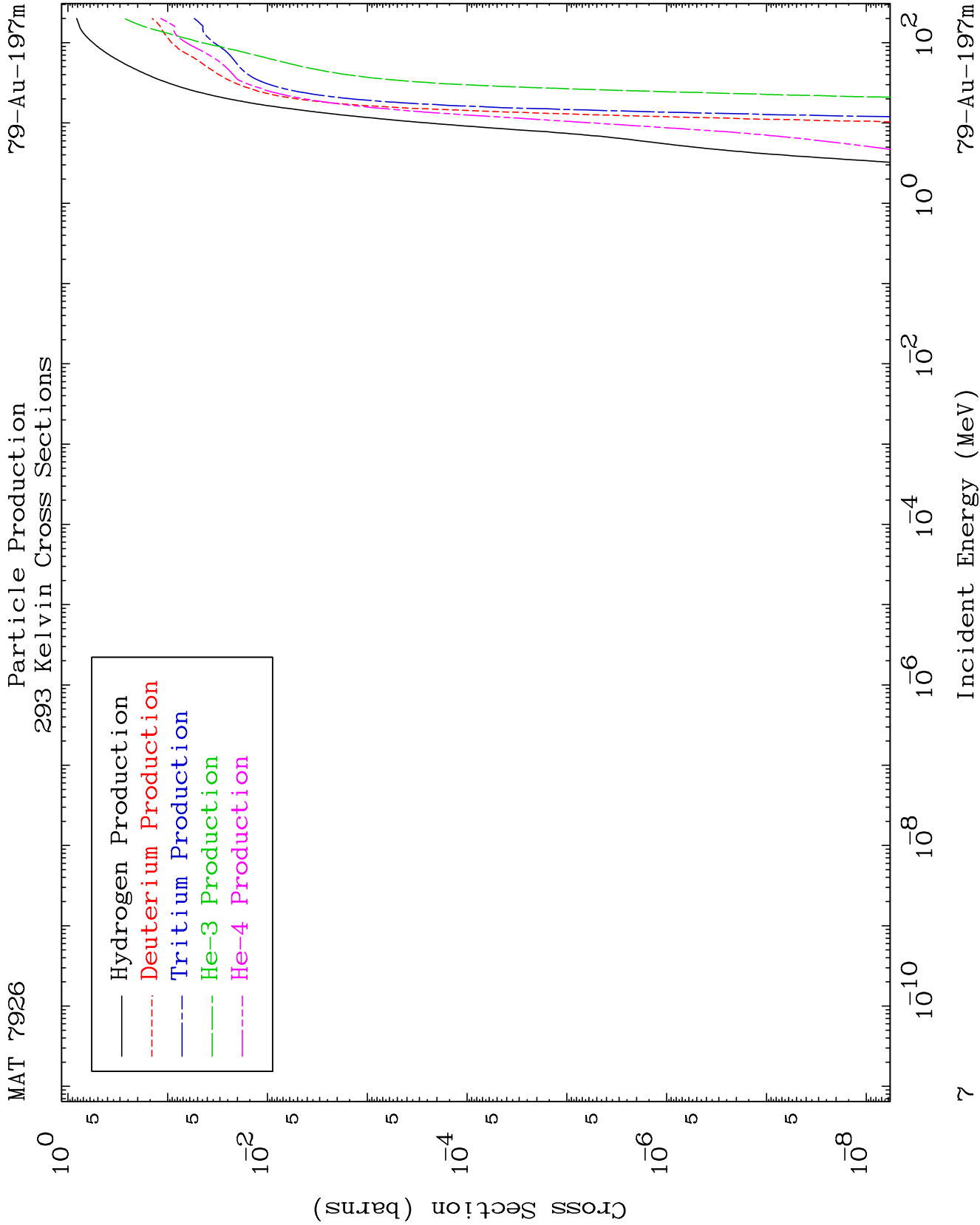


MAT 7926

Charged Particle
293 Kelvin Cross Sections

⁷⁹Au-197m

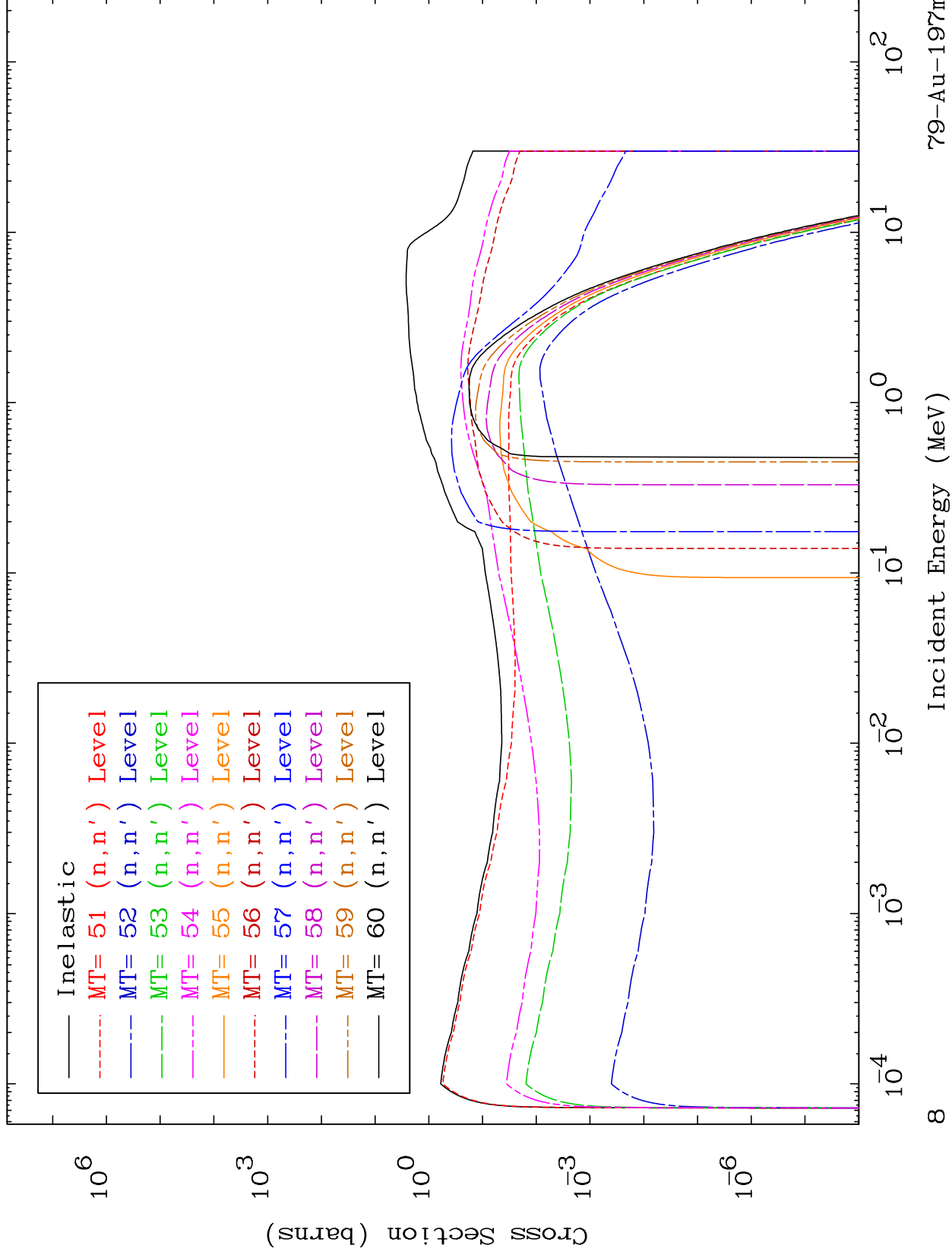


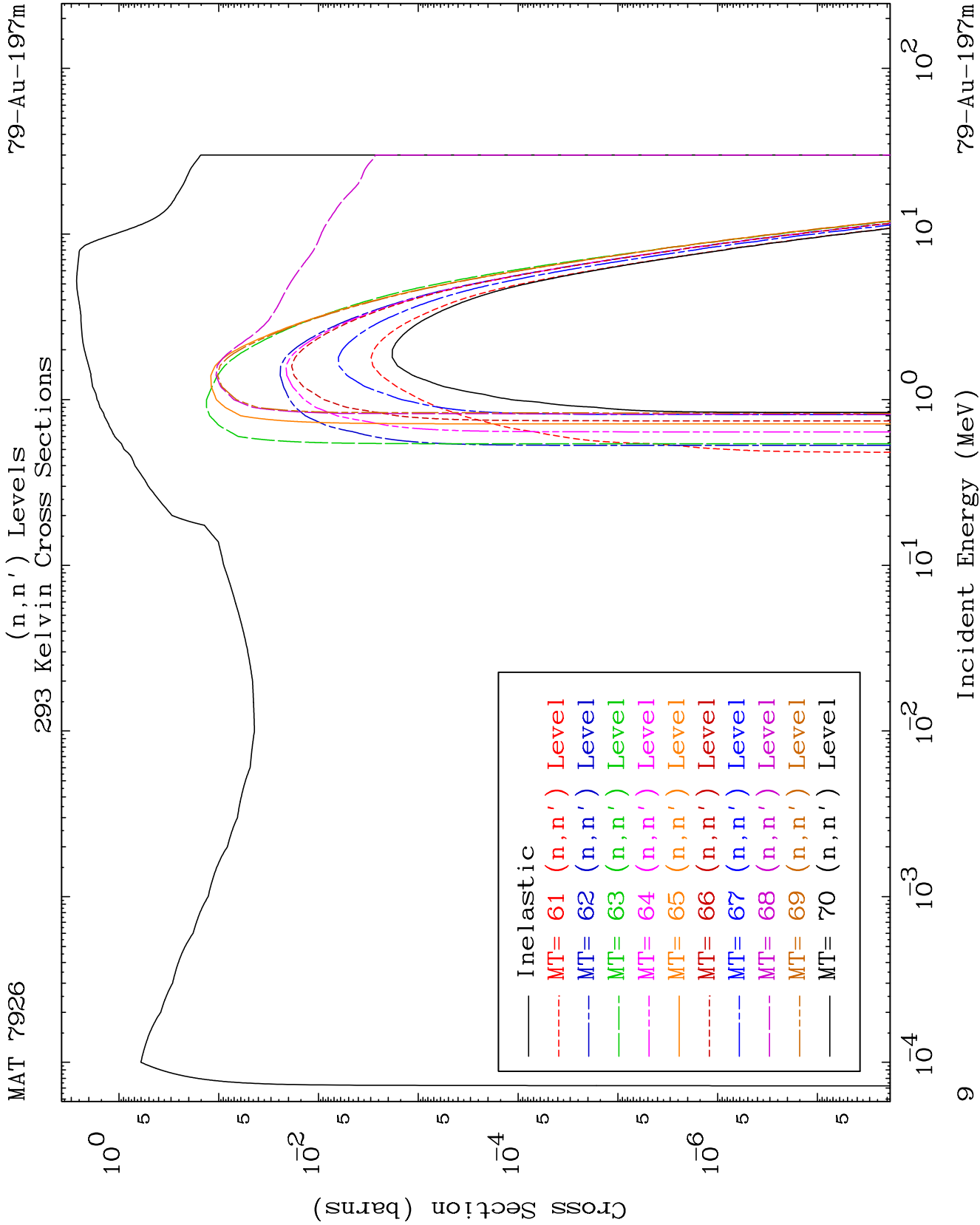


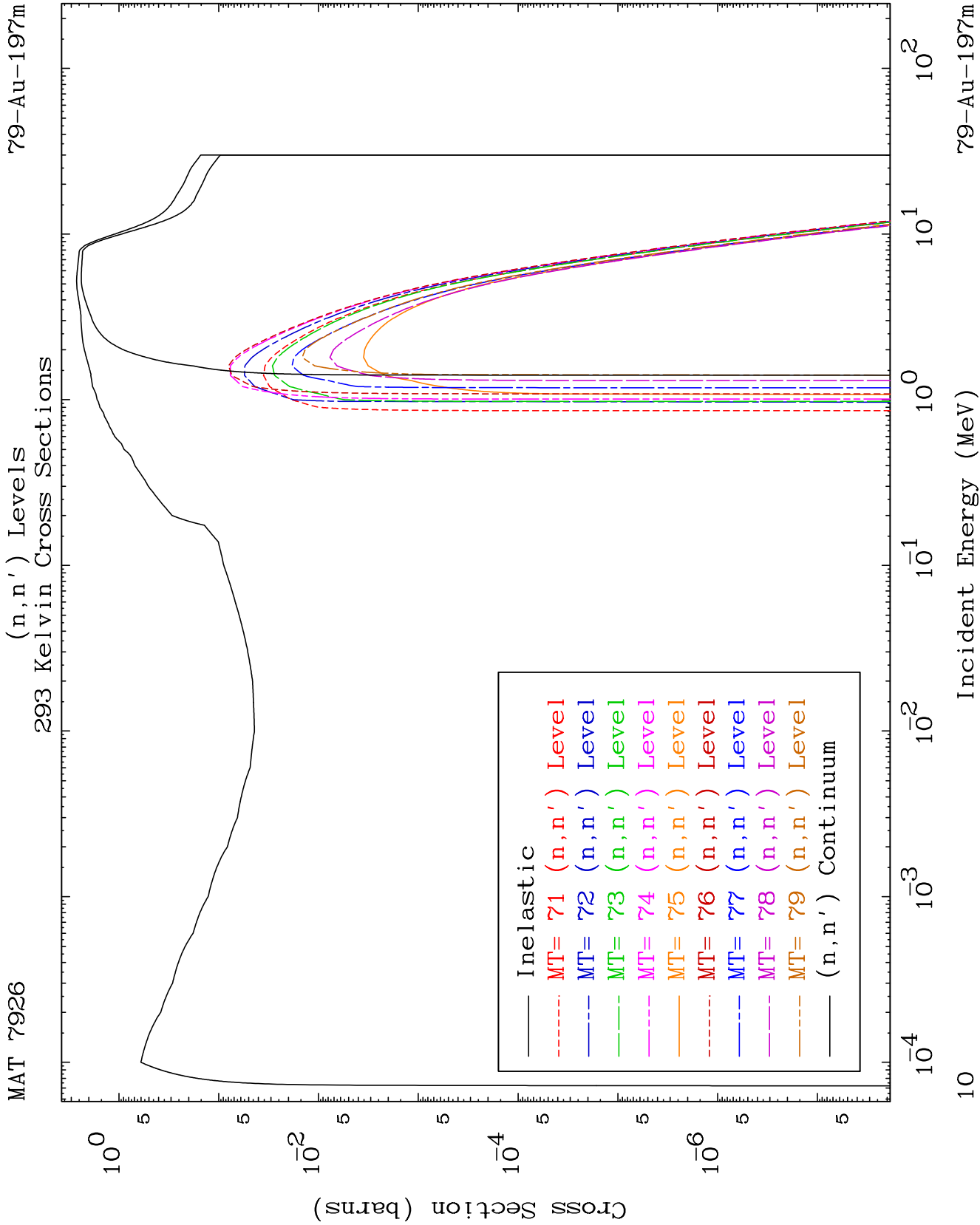
MAT 7926

(n,n') Levels
293 Kelvin Cross Sections

79-Au-197m



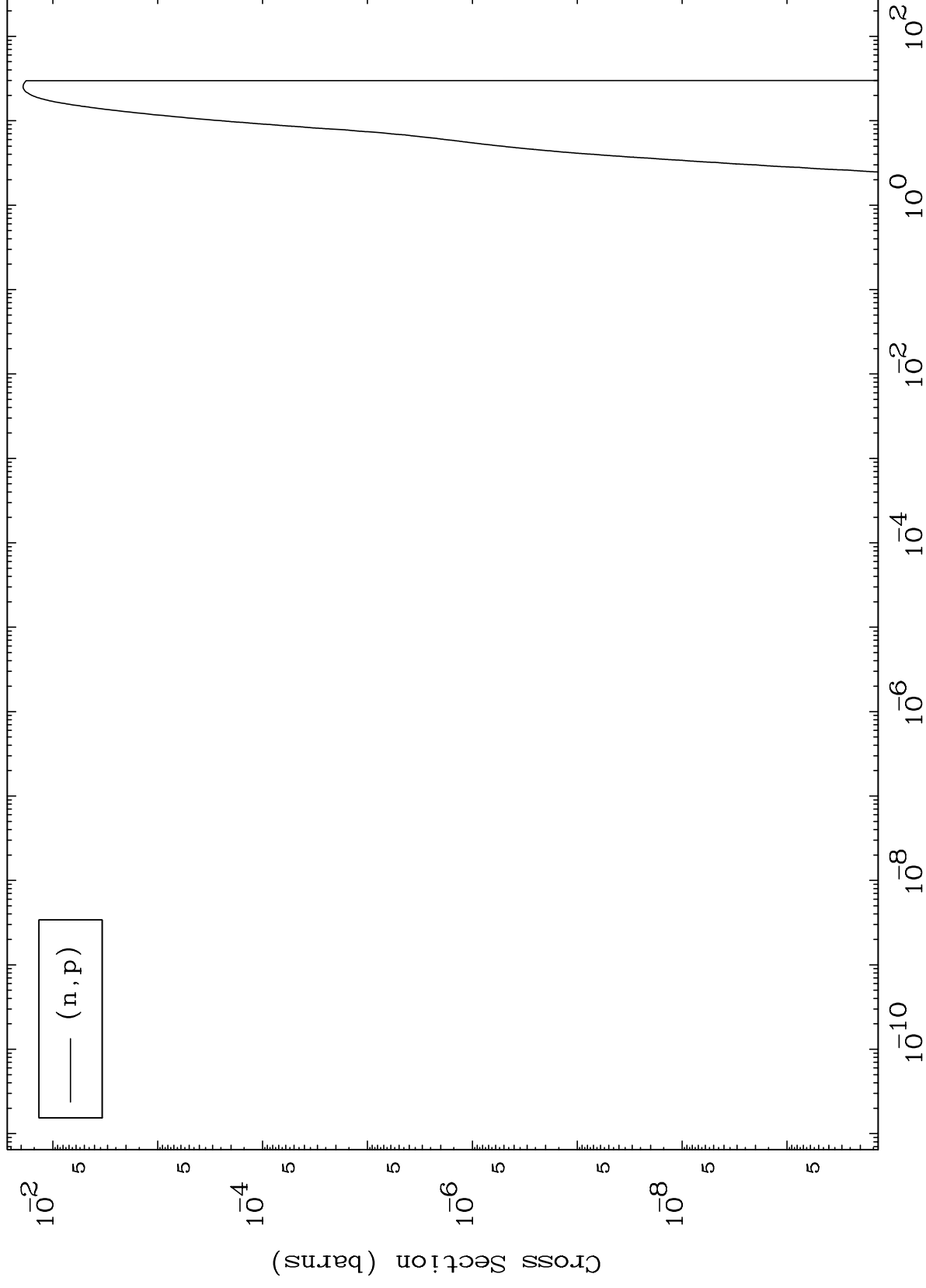




MAT 7926

(n,p) Levels
293 Kelvin Cross Sections

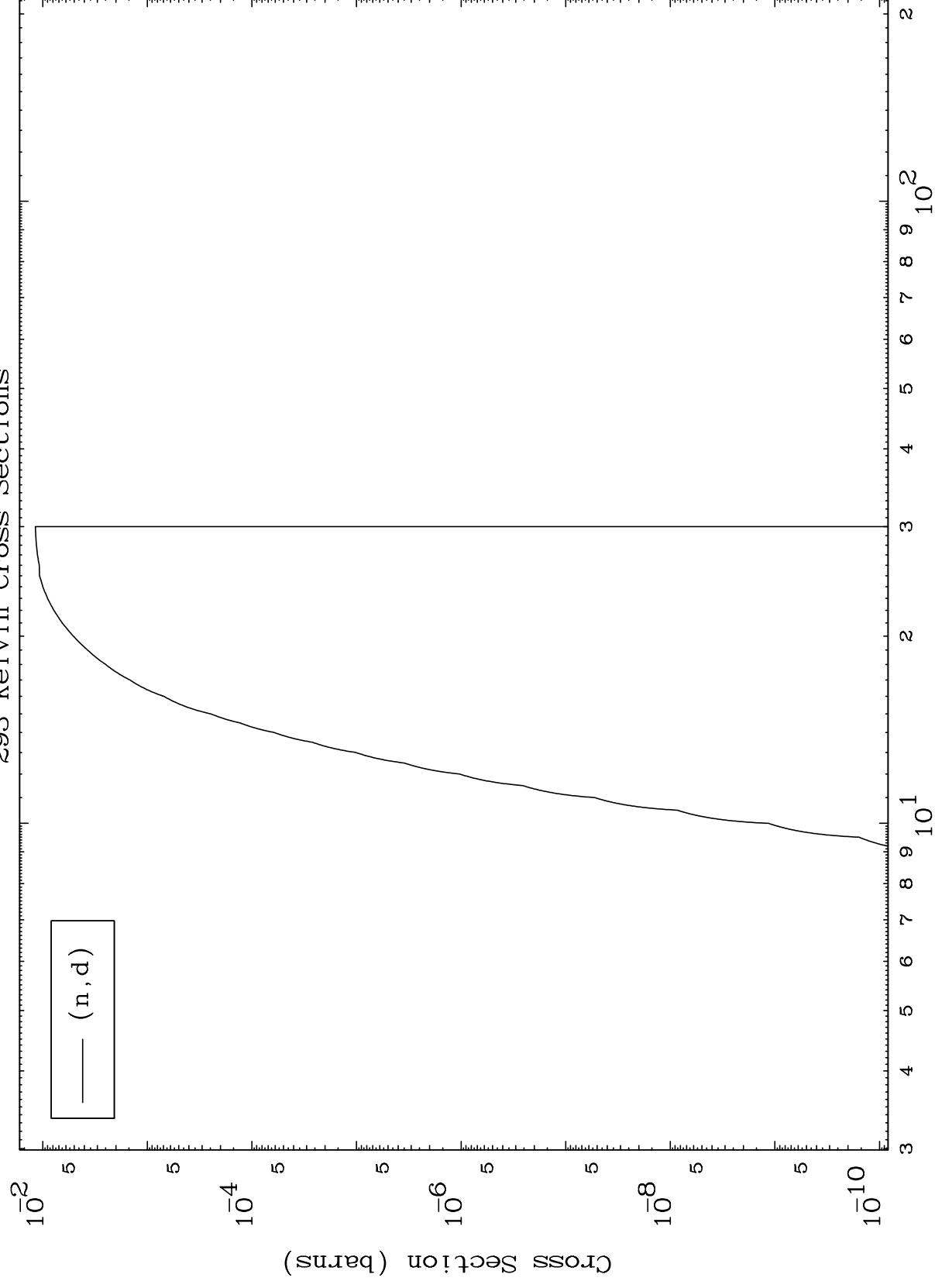
⁷⁹Au-197m



MAT 7926

79-Au-197m

(n,d) Levels
293 Kelvin Cross Sections



12

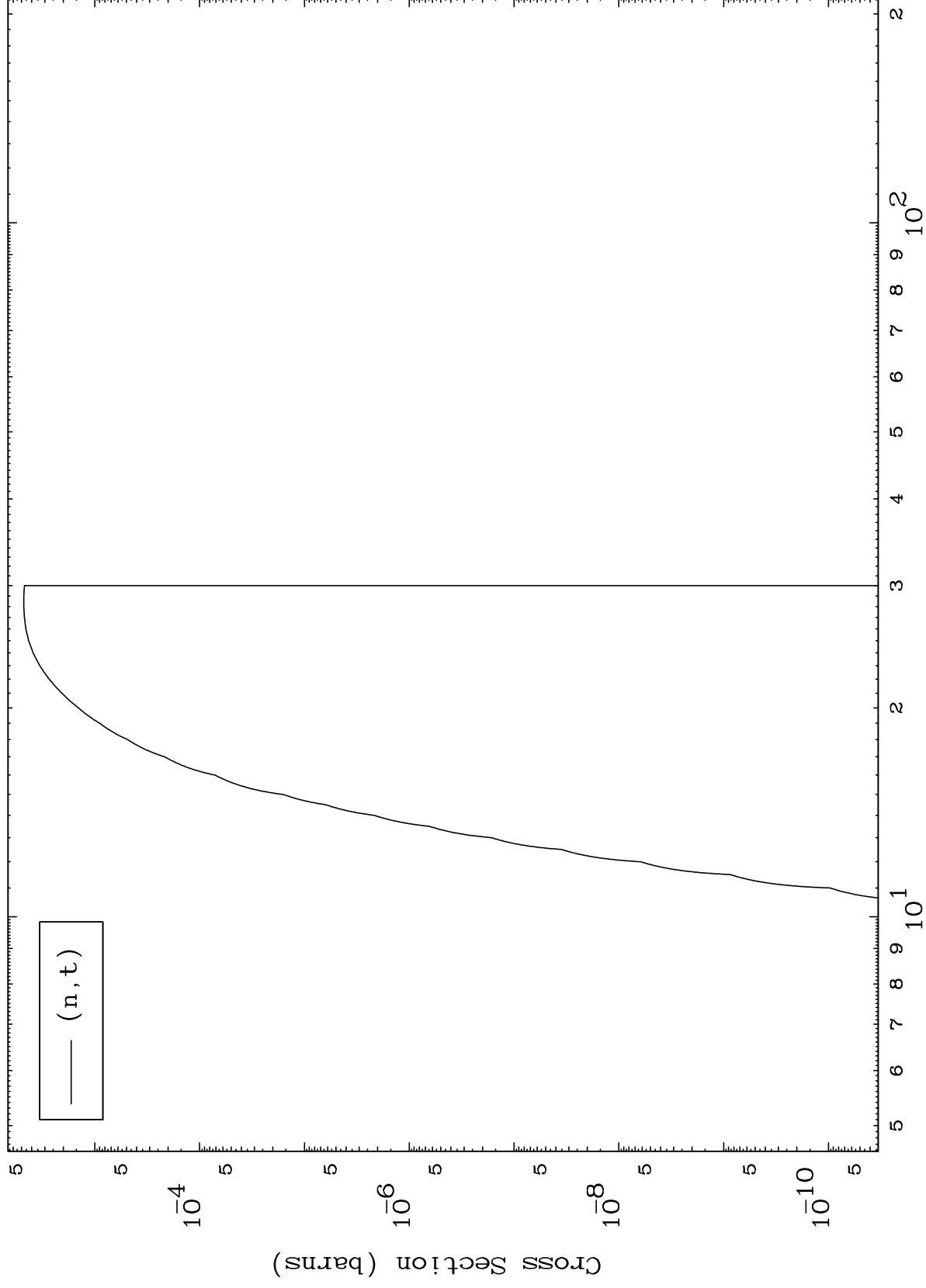
Incident Energy (MeV)

79-Au-197m

MAT 7926

(n,t) Levels
293 Kelvin Cross Sections

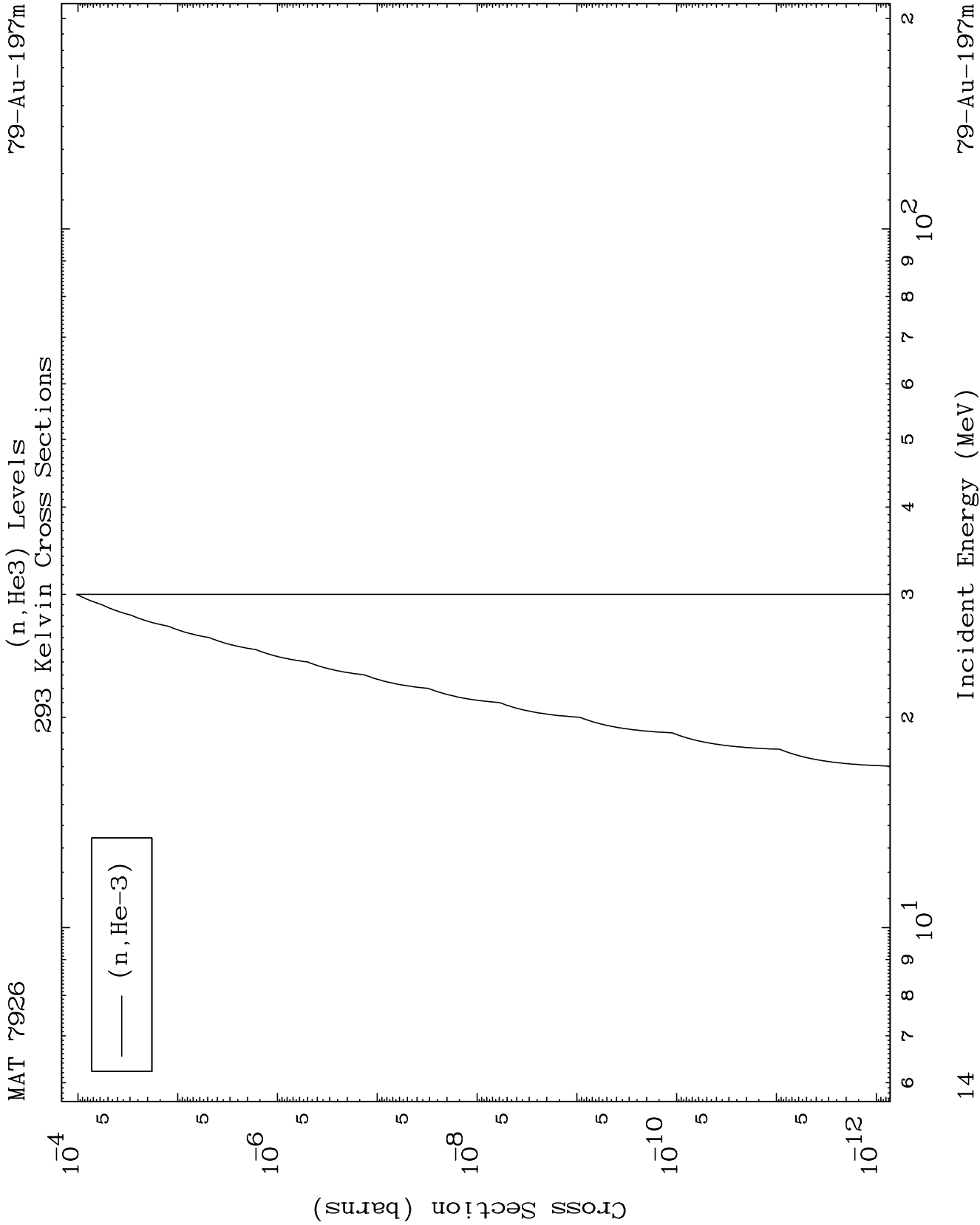
⁷⁹Au-197m

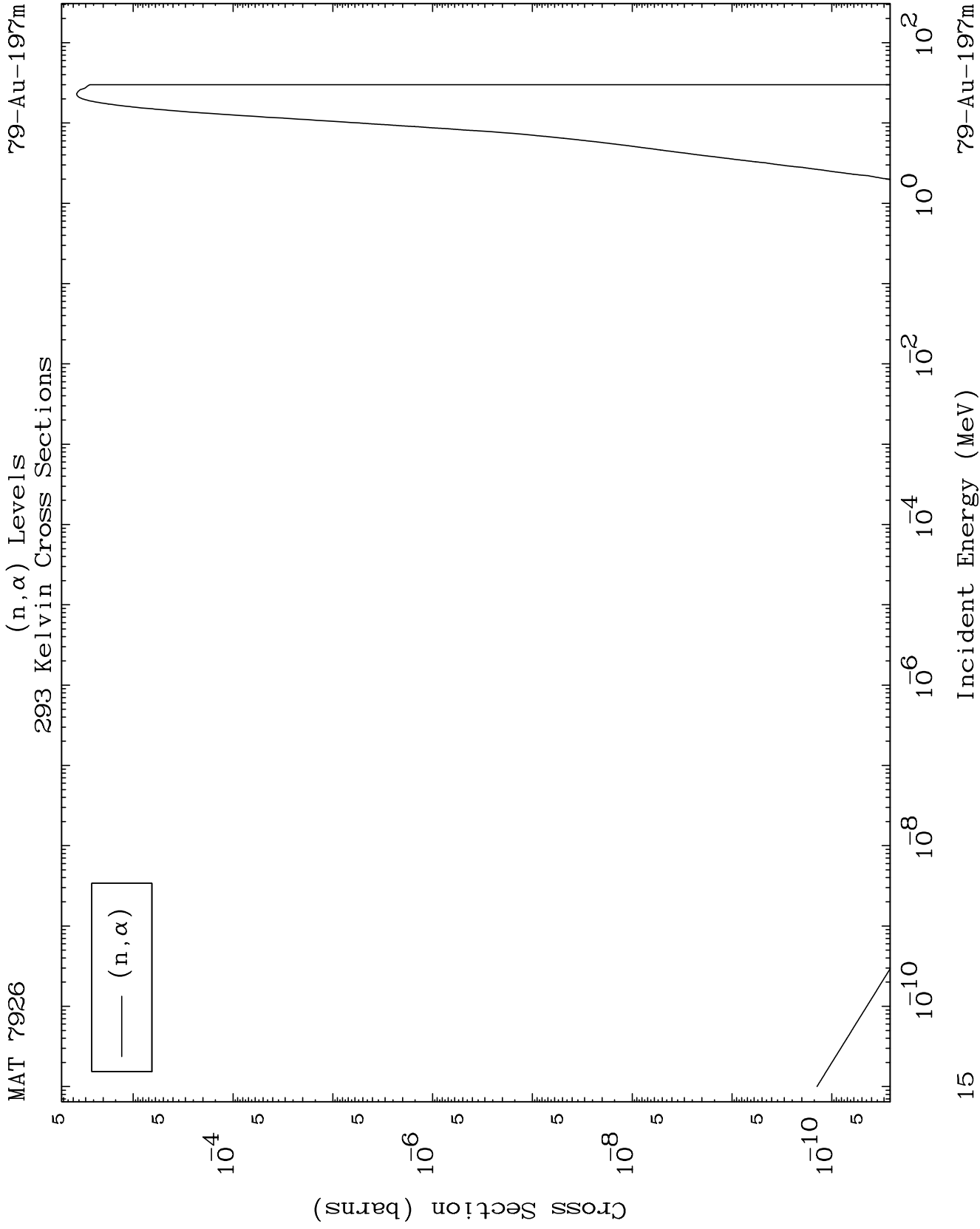


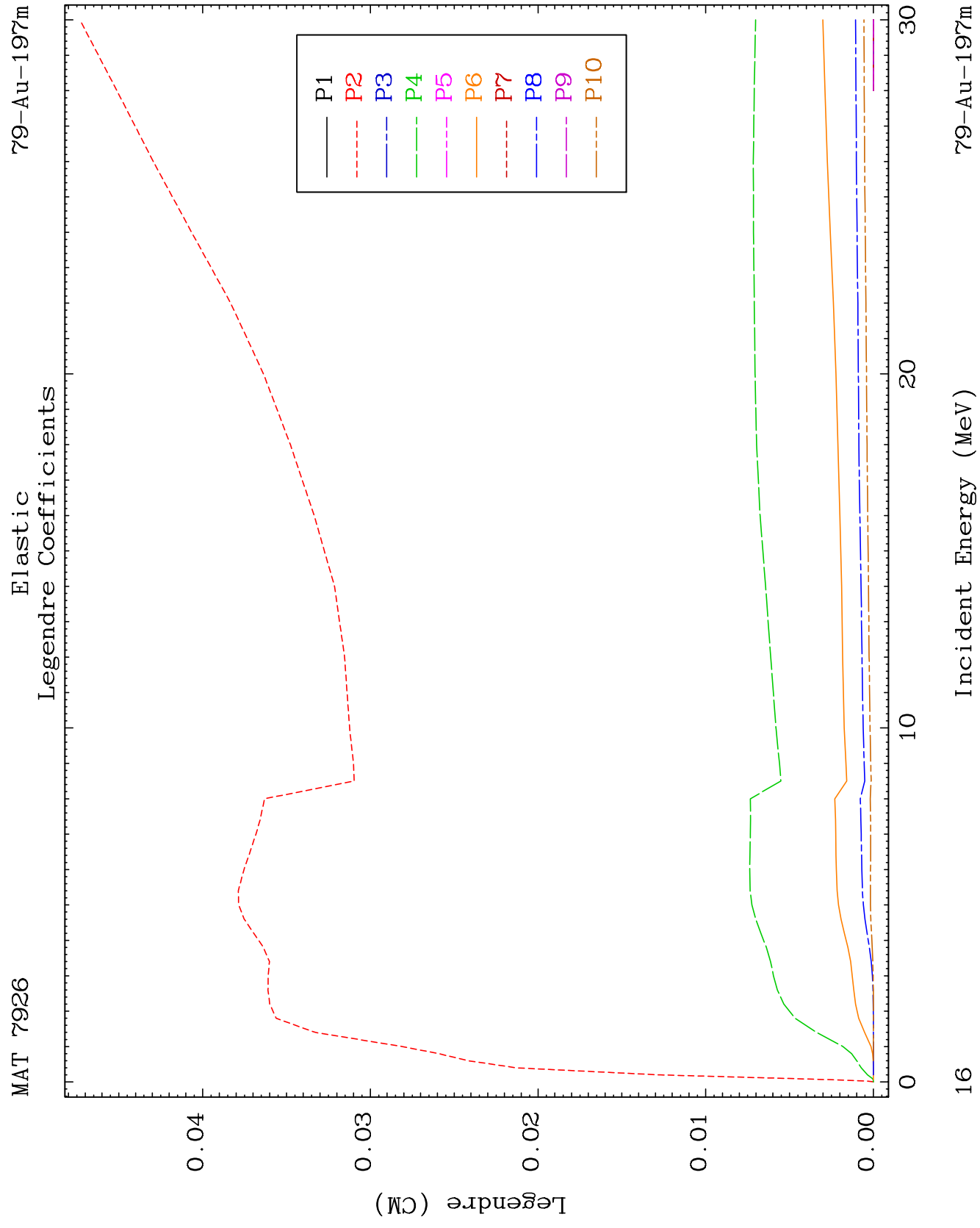
13

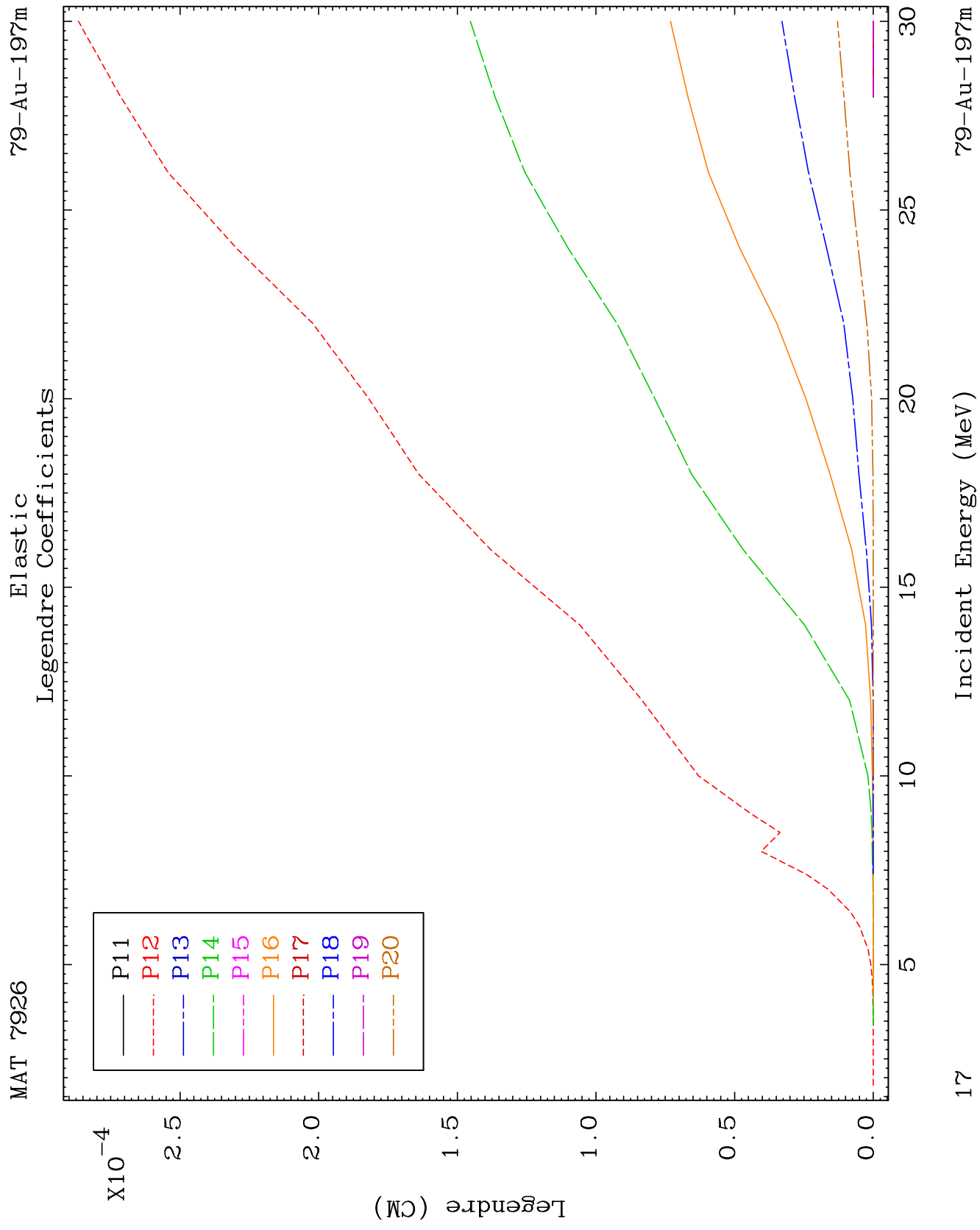
Incident Energy (MeV)

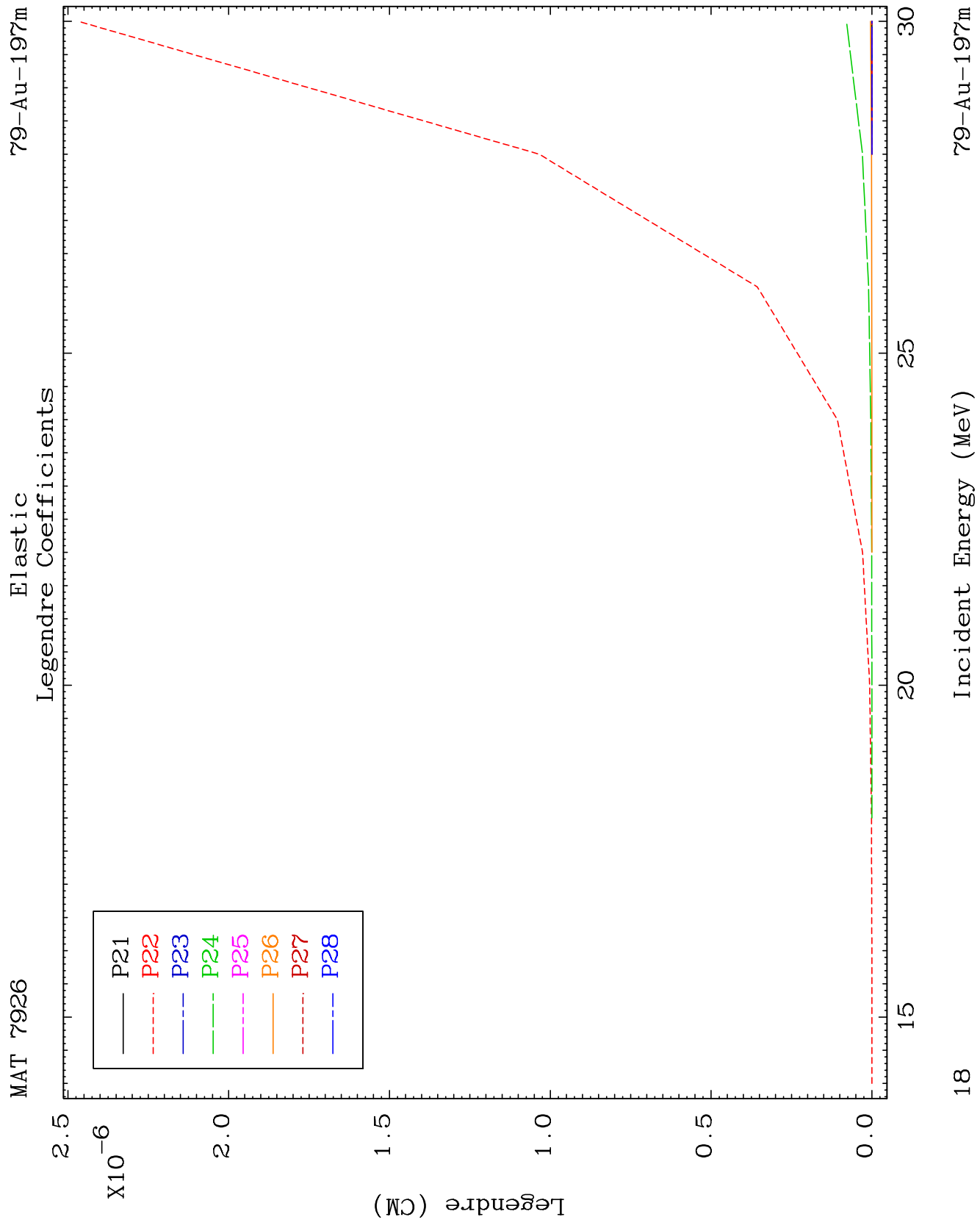
⁷⁹Au-197m







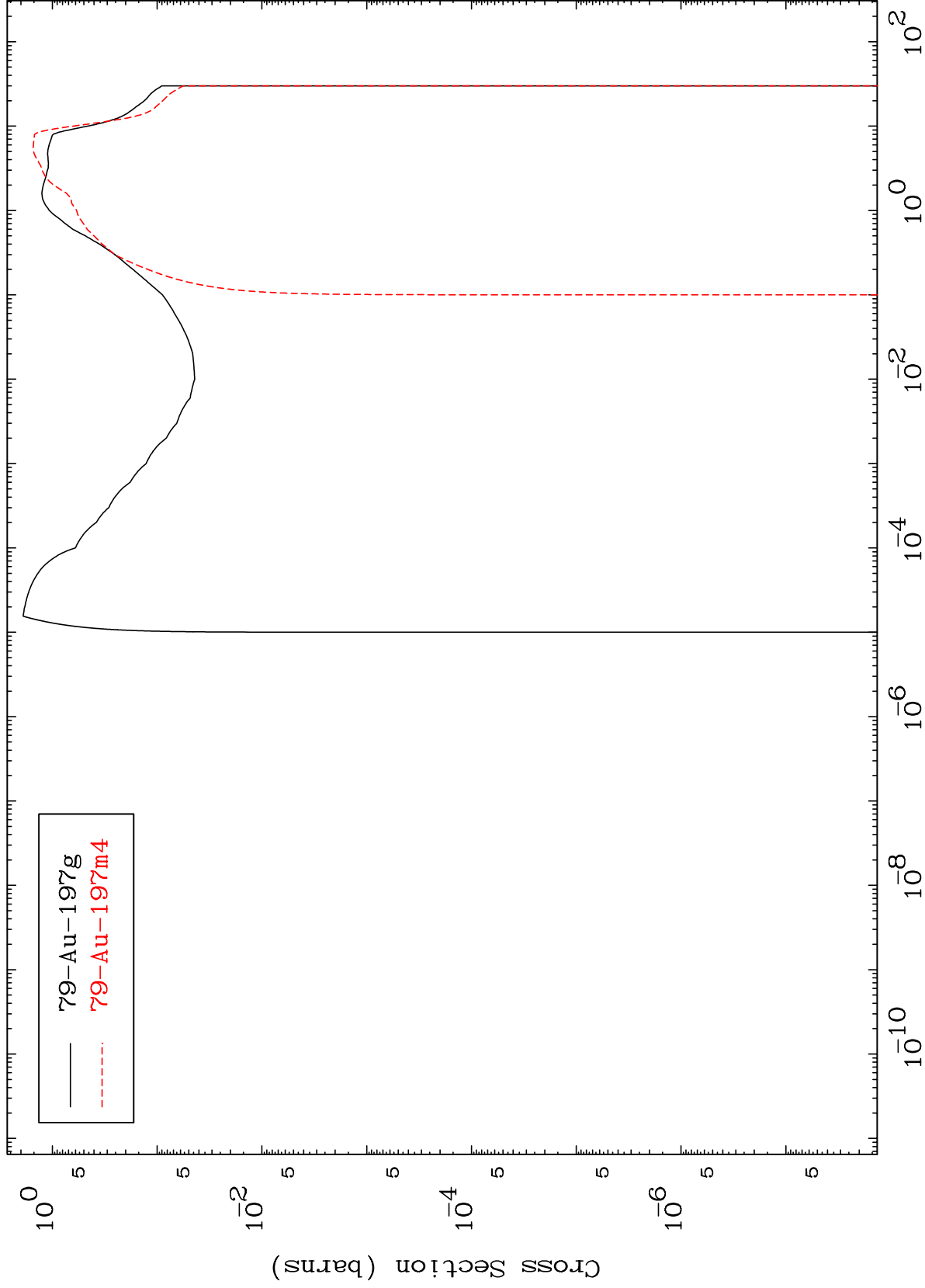




MAT 7926

$^{79}\text{Au-197m}$

Inelastic
Radionuclide Production Cross Section



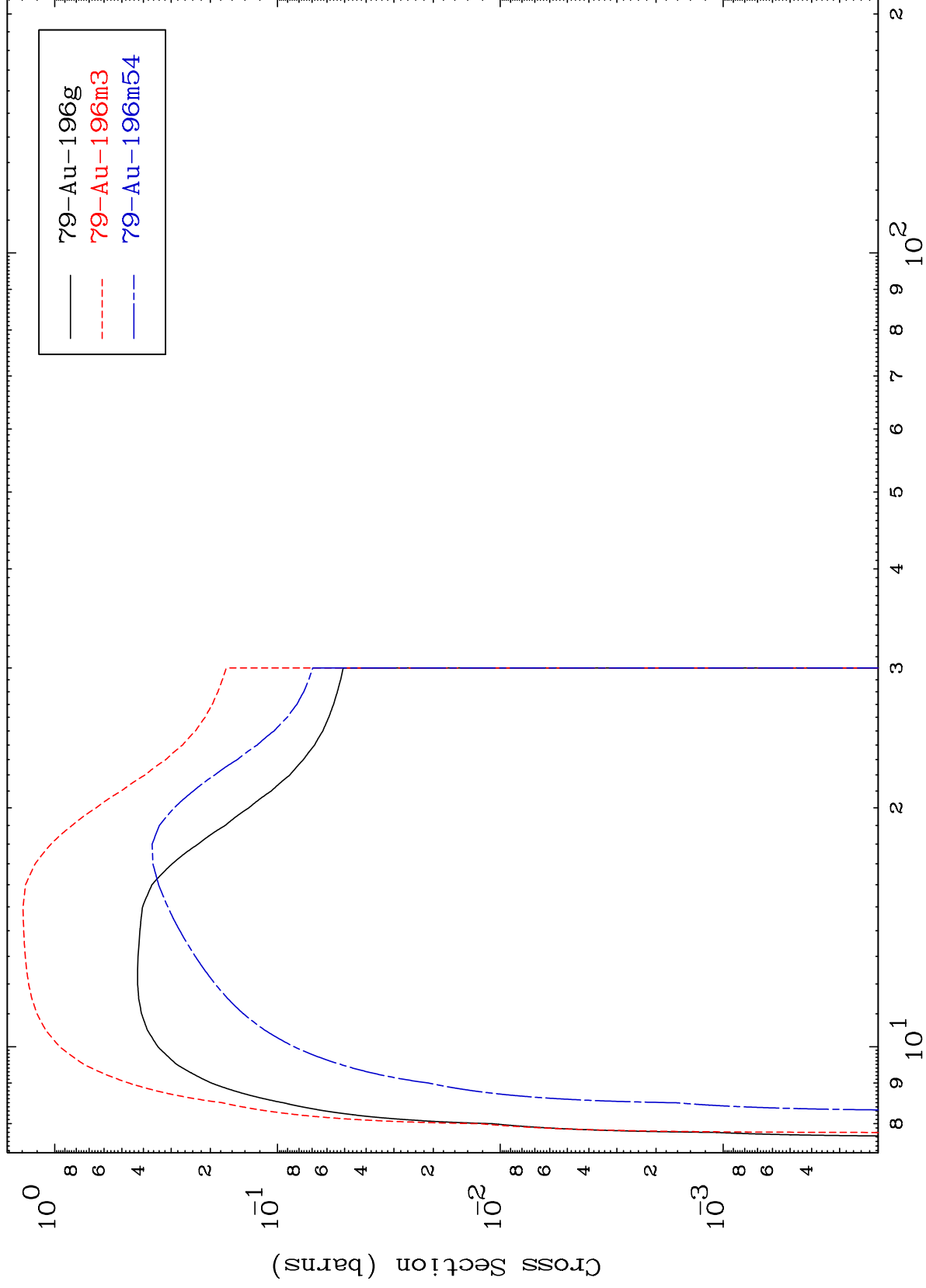
19

$^{79}\text{Au-197m}$

MAT 7926

$^{79}\text{Au-197m}$

$(n,2n)$
Radionuclide Production Cross Section

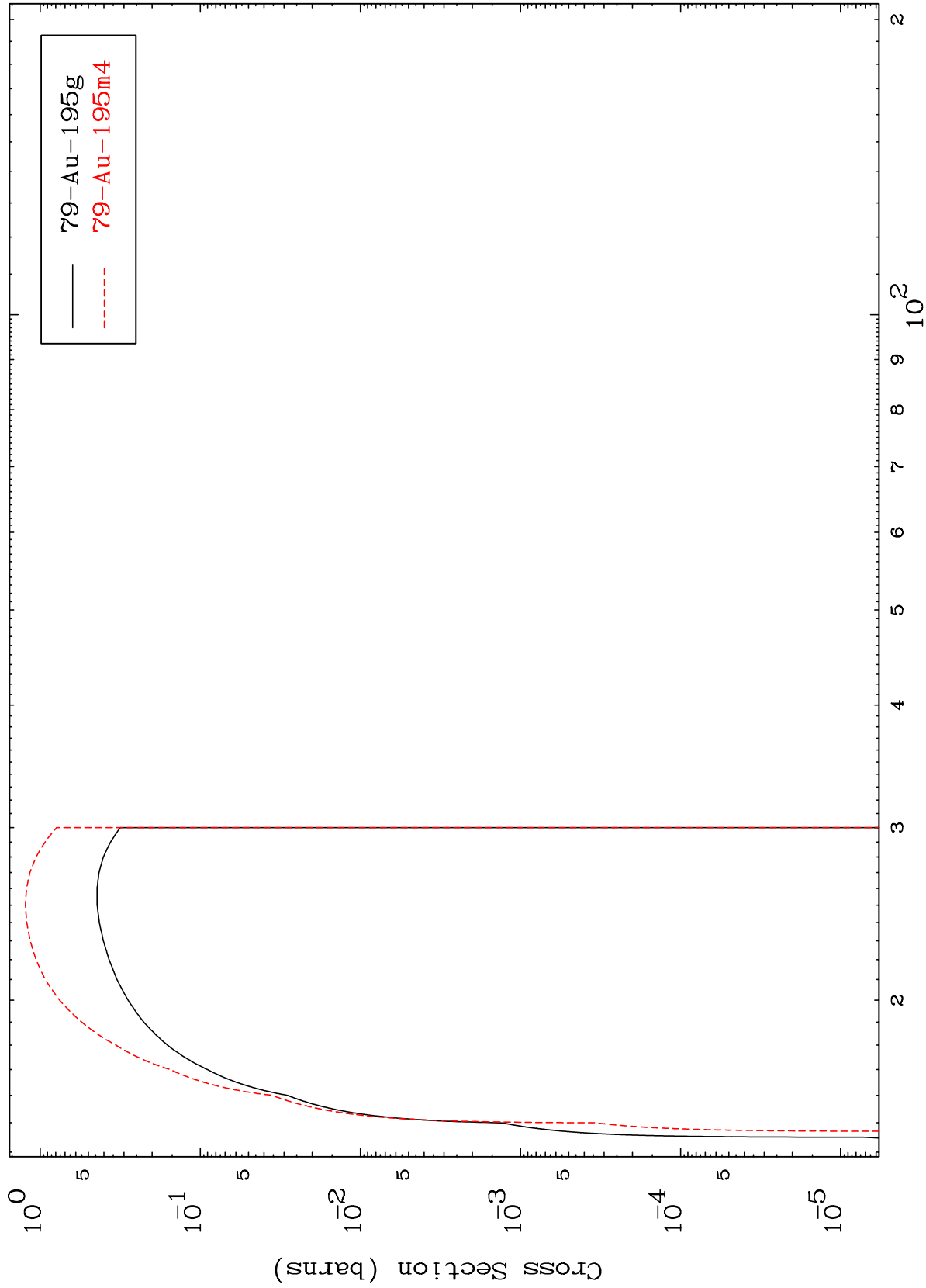


$^{79}\text{Au-197m}$

Incident Energy (MeV)

20

(n,3n)
Radionuclide Production Cross Section

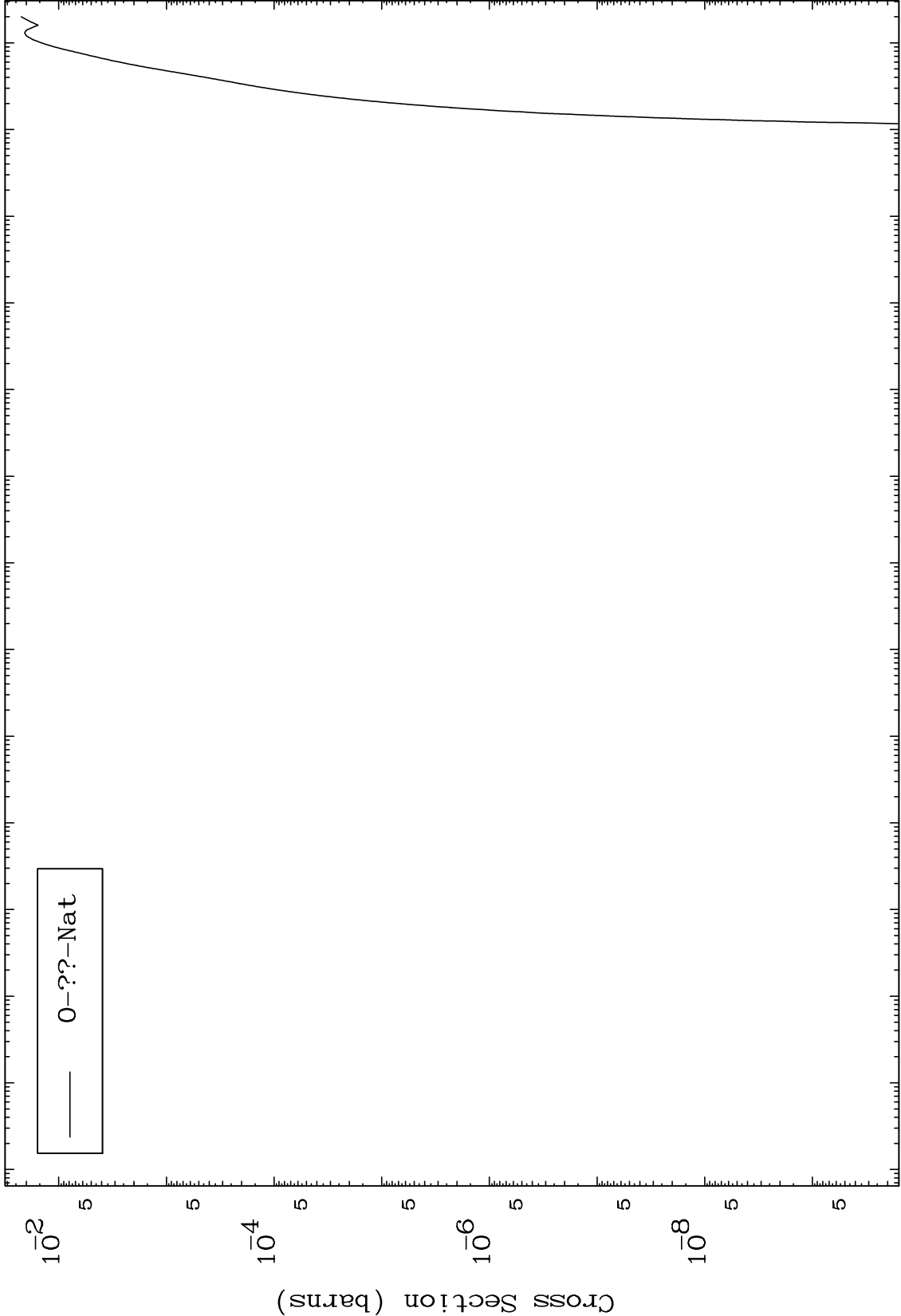


MAT 7926

Fission

⁷⁹Au-197m

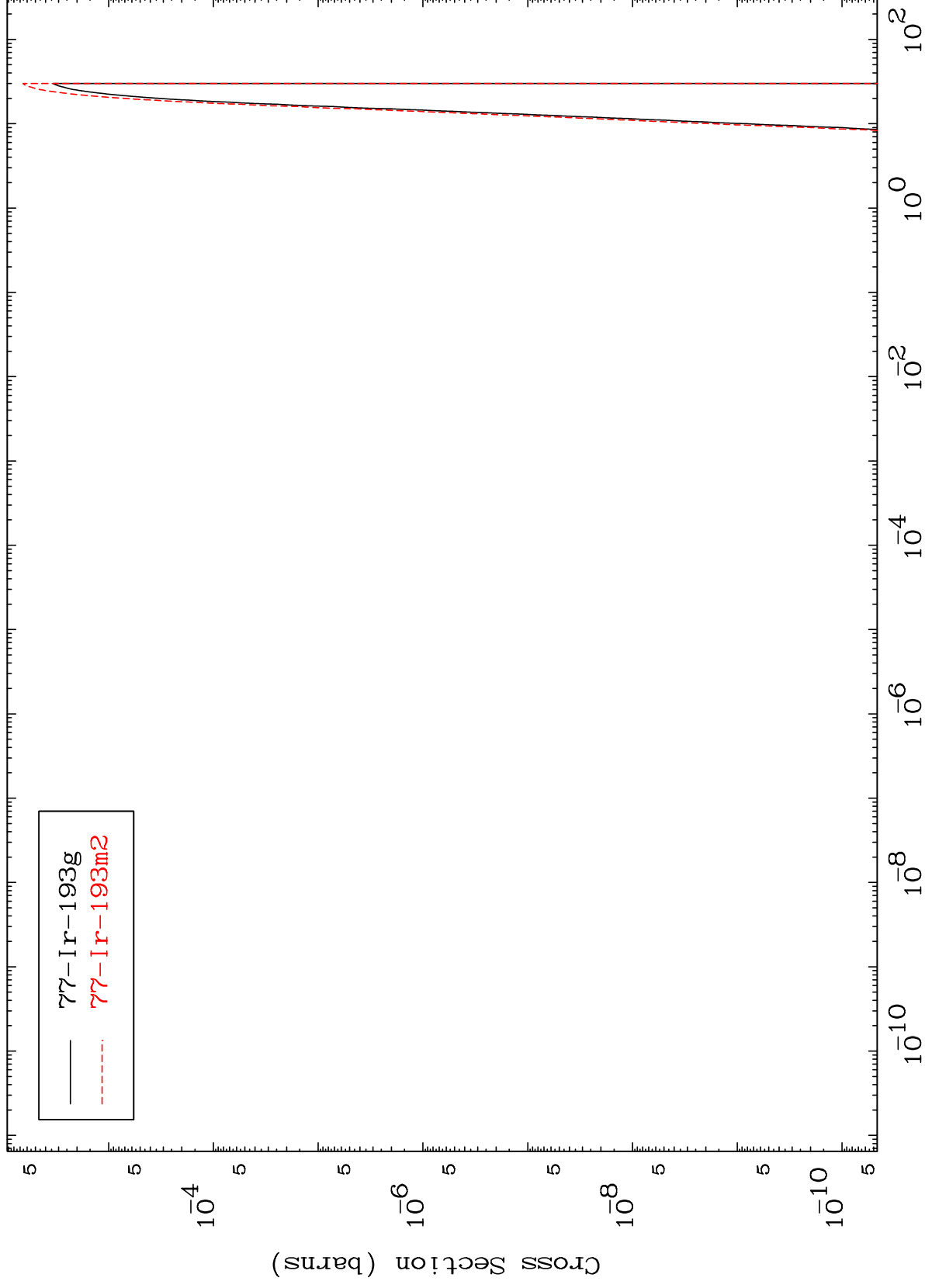
Radionuclide Production Cross Section



MAT 7926

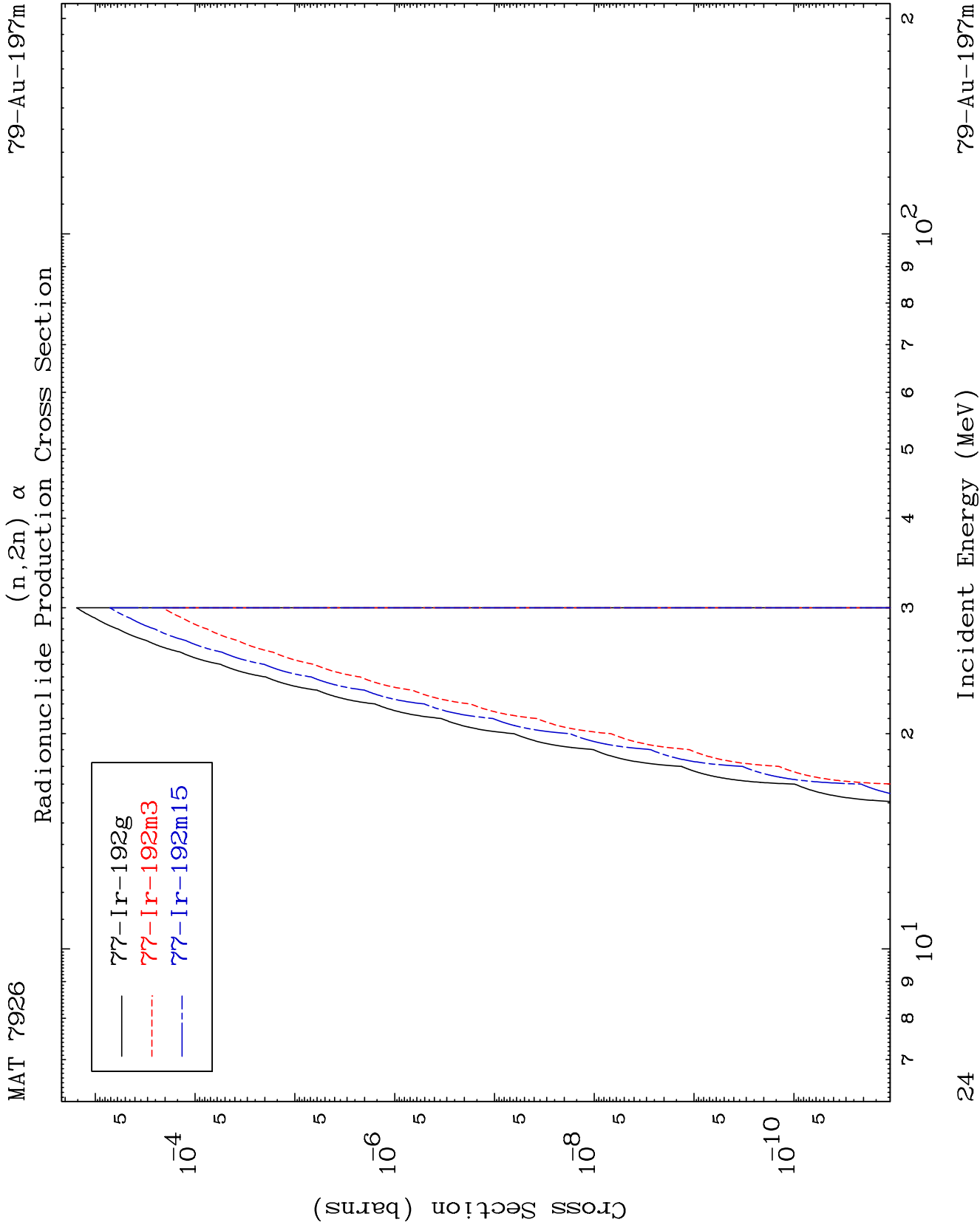
$^{79}\text{Au-197m}$

$(n,n') \alpha$
Radionuclide Production Cross Section

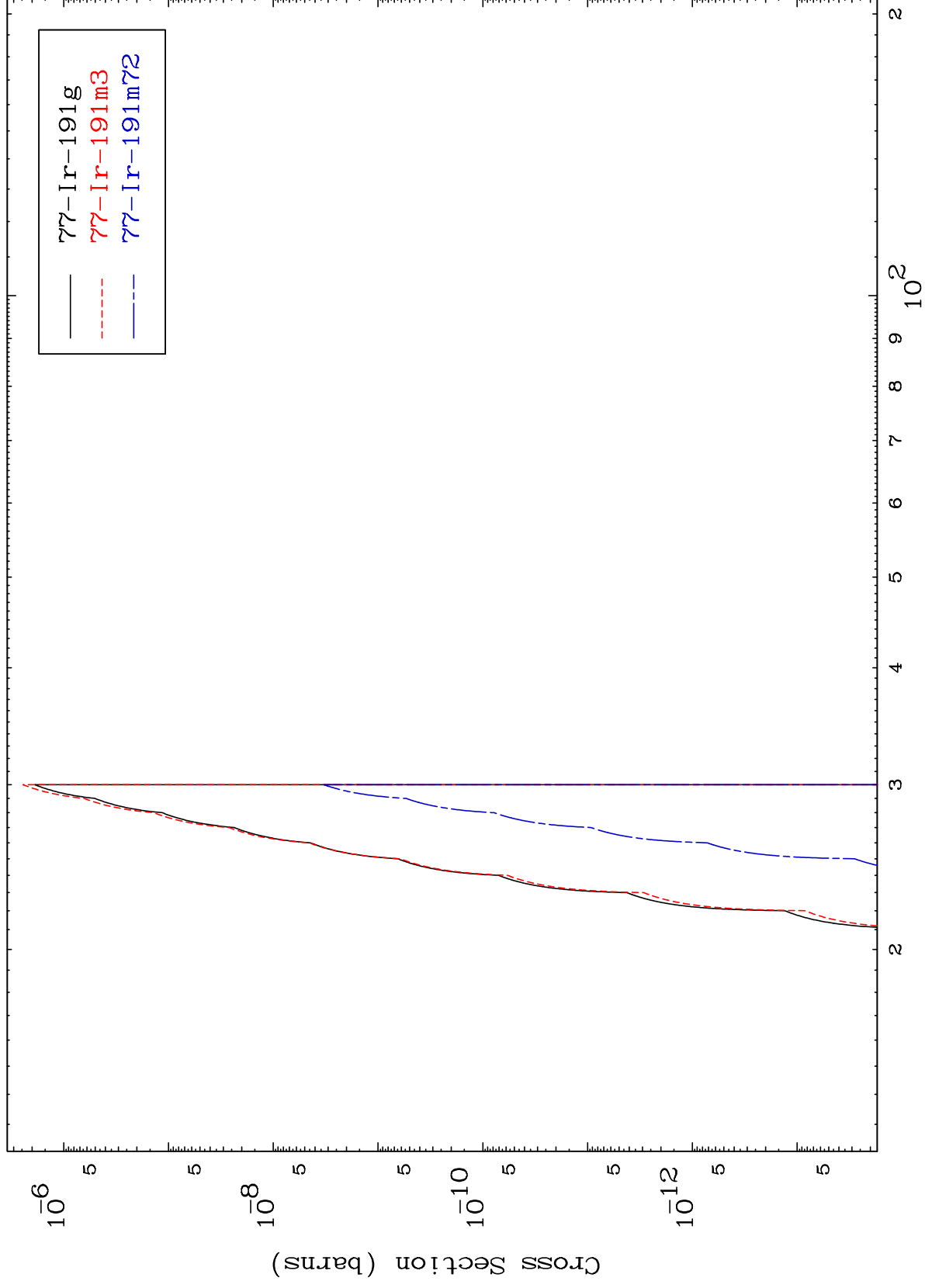


23

$^{79}\text{Au-197m}$



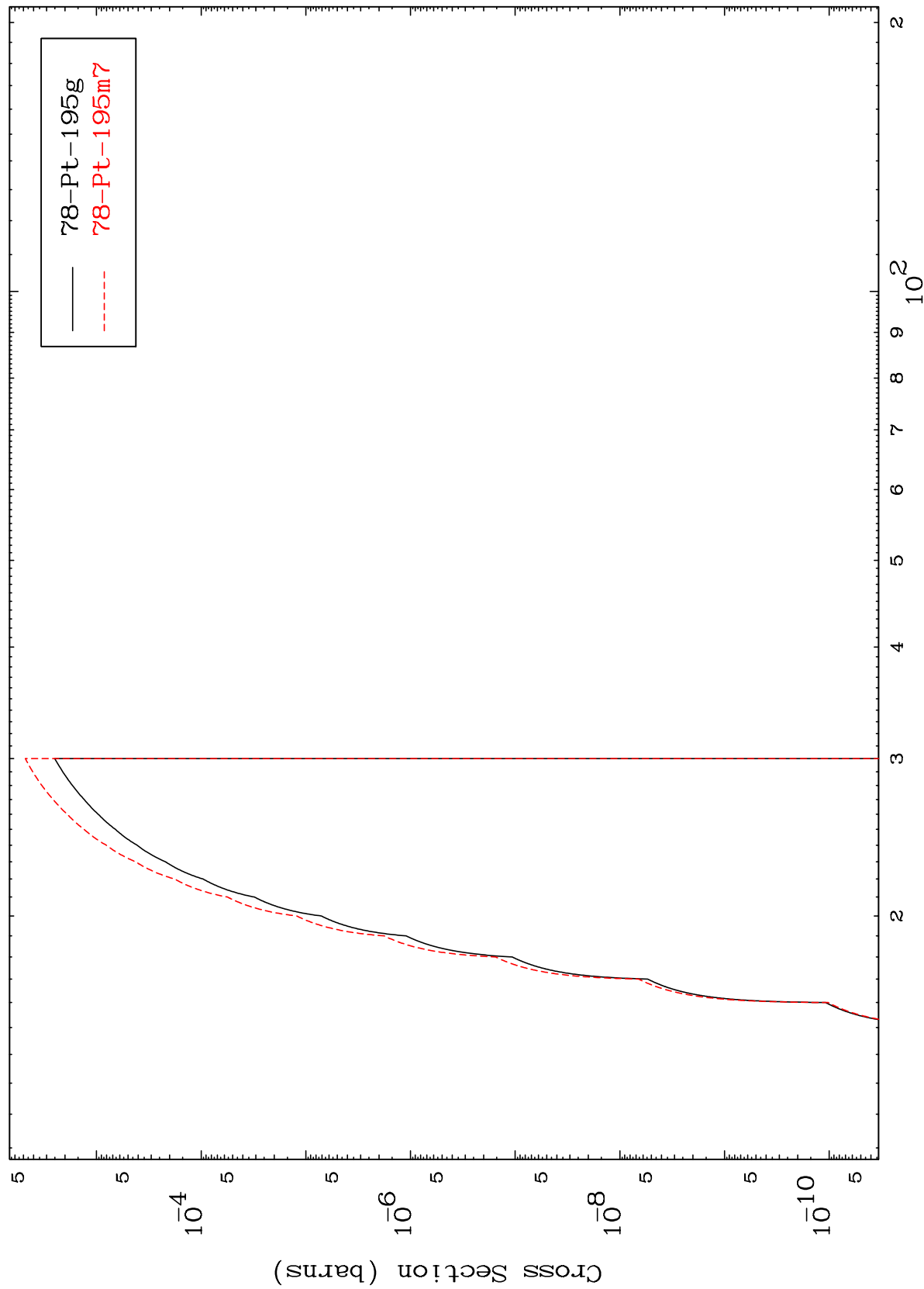
(n,3n) α
Radionuclide Production Cross Section



MAT 7926

⁷⁹Au-197m

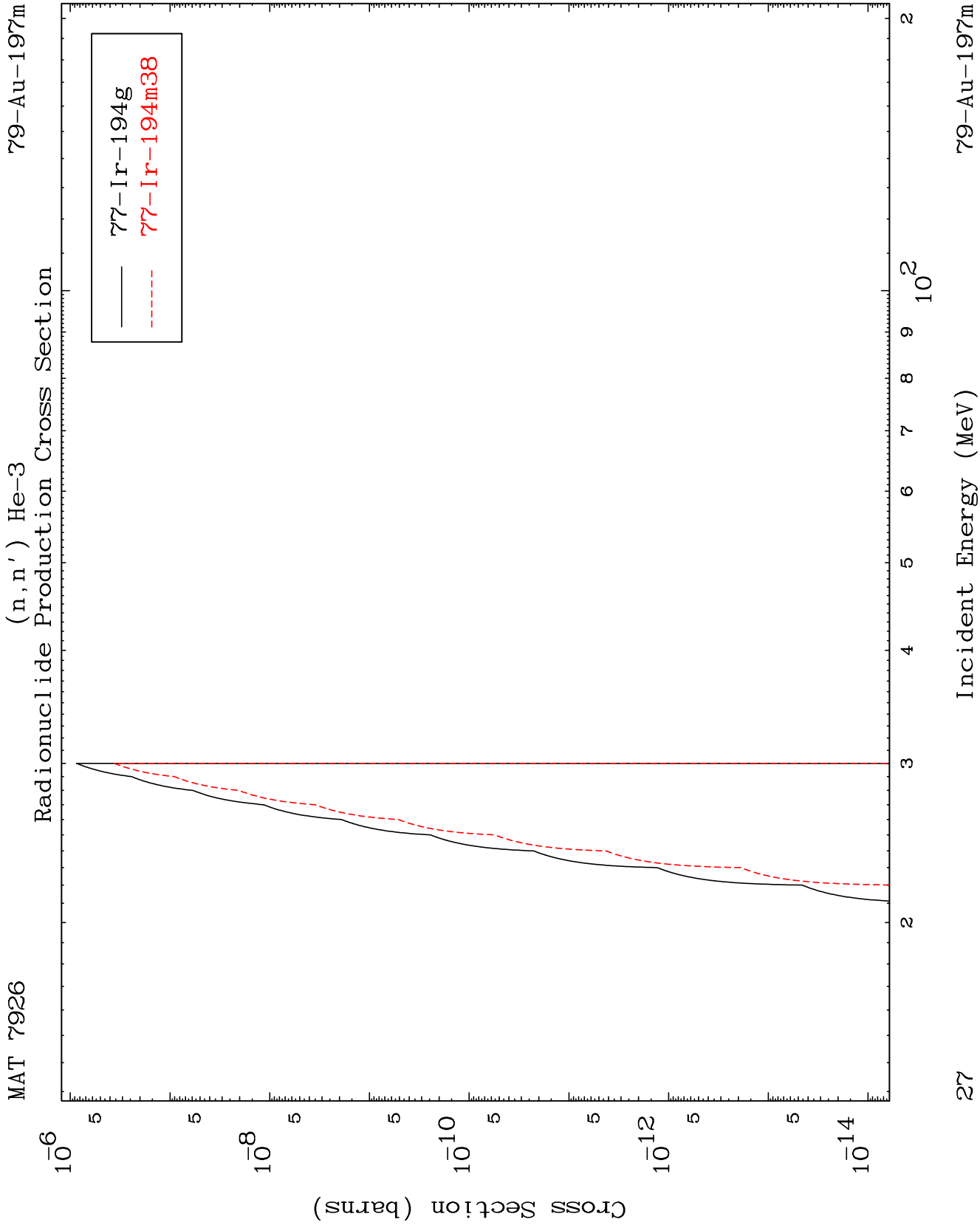
(n,n') d
Radionuclide Production Cross Section

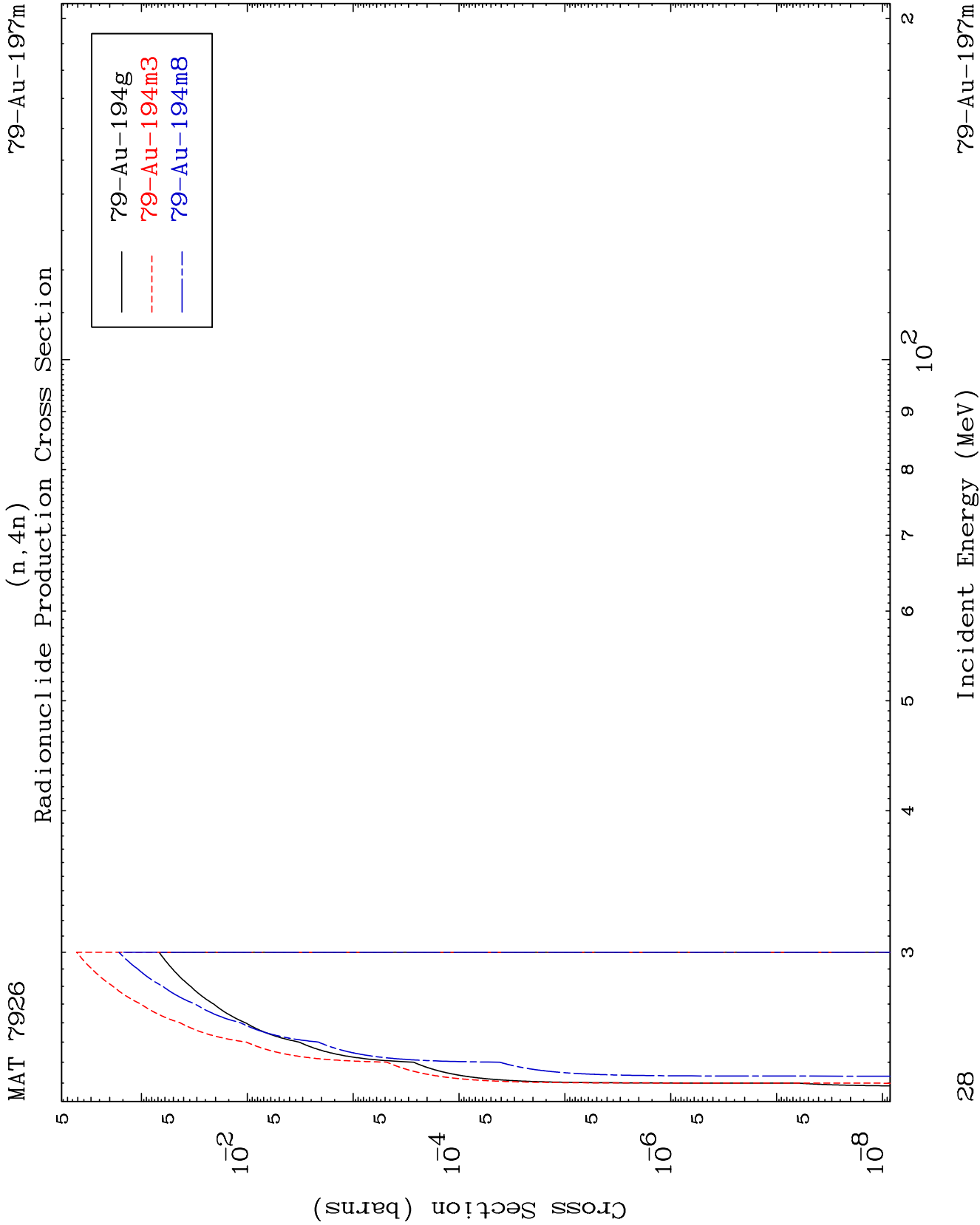


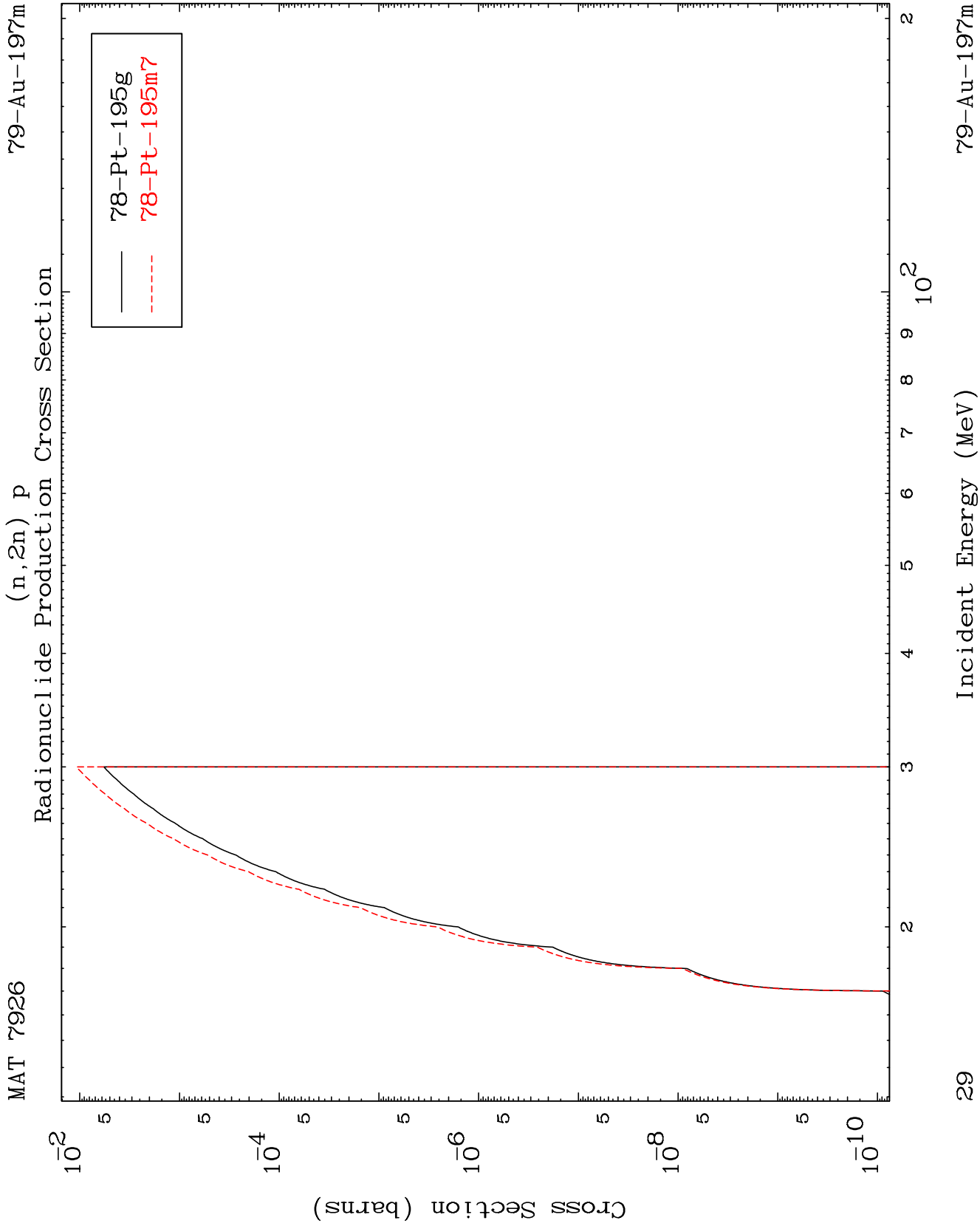
⁷⁹Au-197m

Incident Energy (MeV)

26



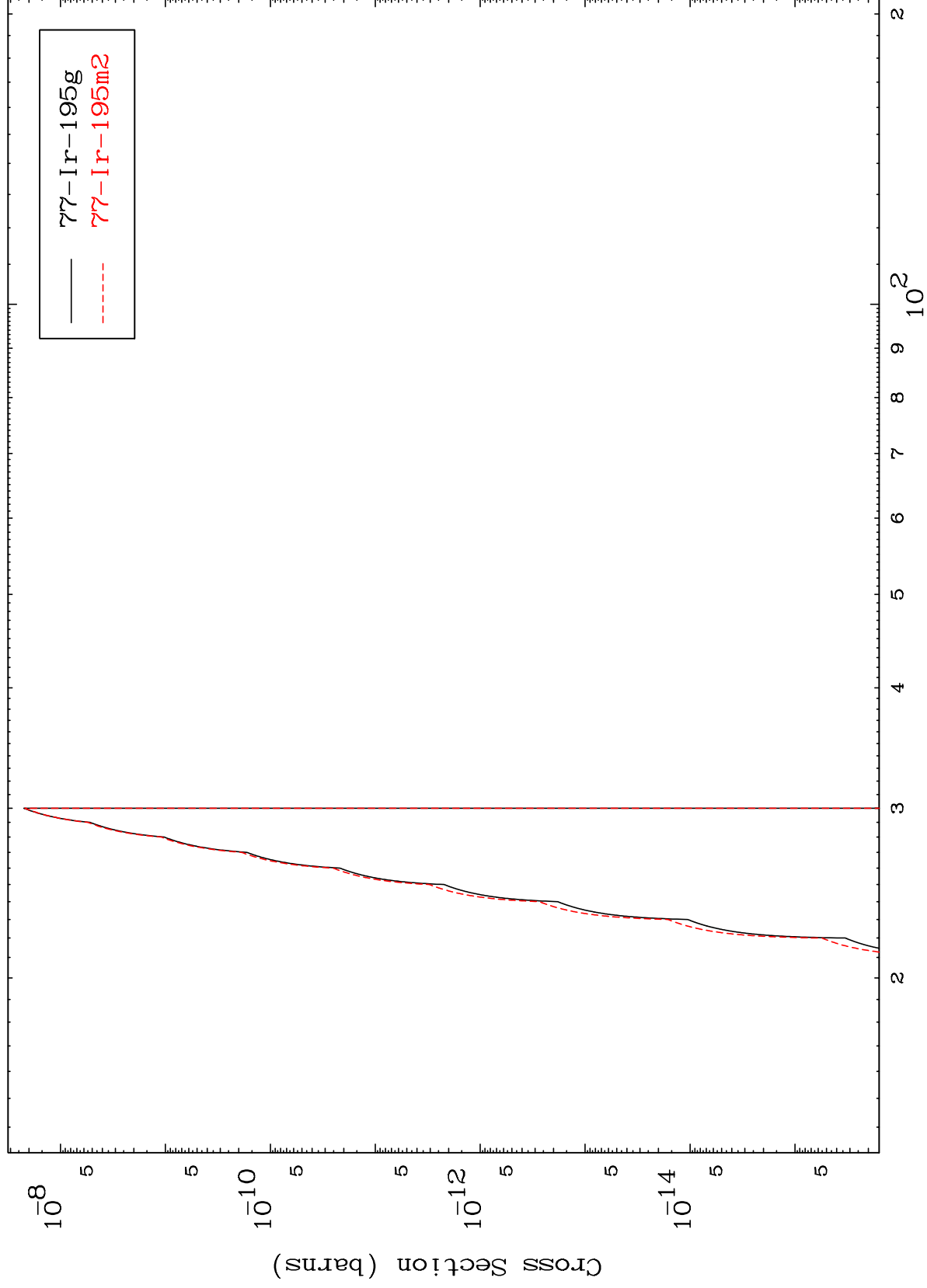




MAT 7926

⁷⁹Au-197m

(n,2n) p
Radionuclide Production Cross Section



30

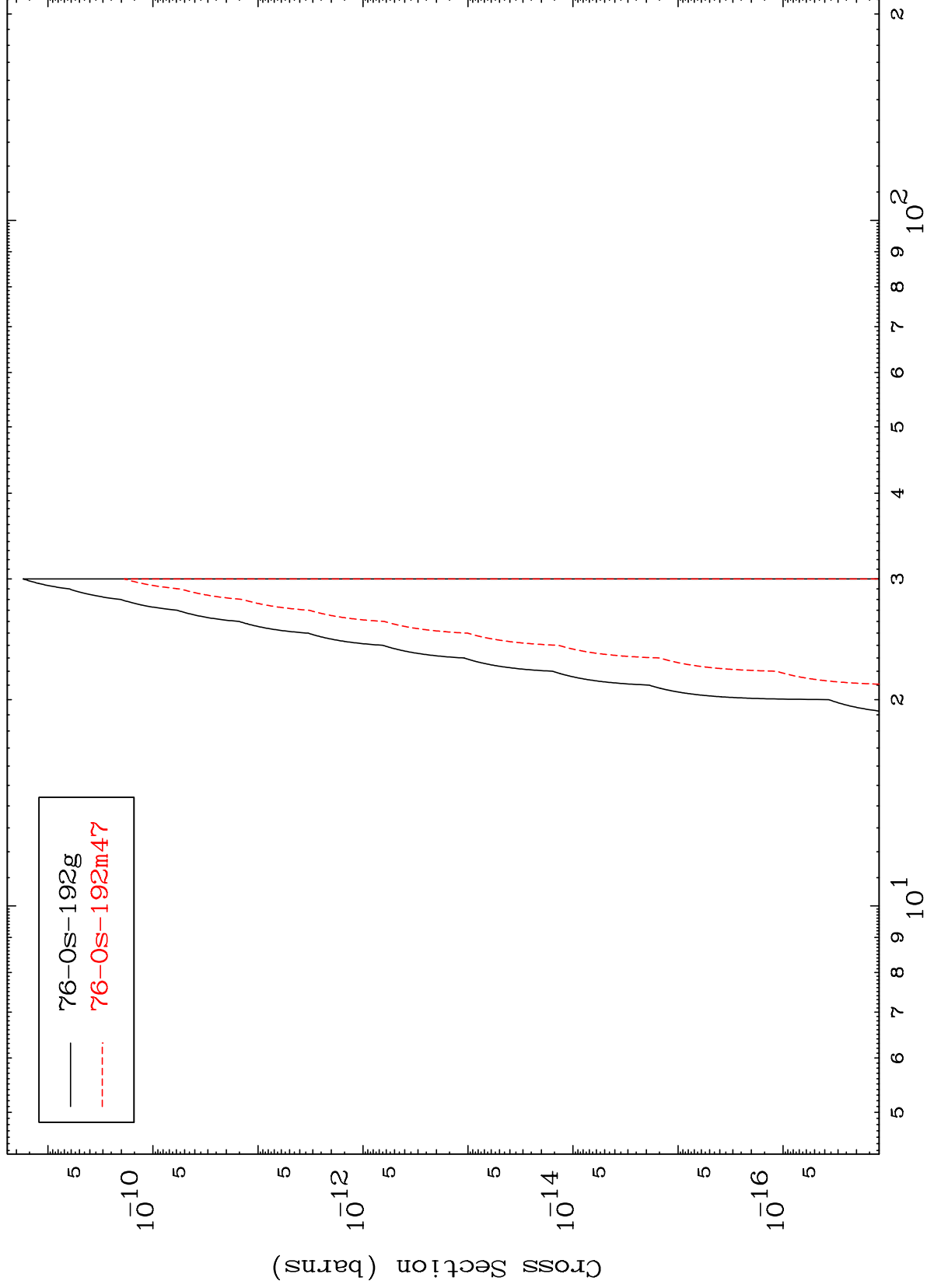
Incident Energy (MeV)

⁷⁹Au-197m

MAT 7926

$^{79}\text{Au-197m}$

$(n,n')\text{ p } \alpha$
Radionuclide Production Cross Section



31

Incident Energy (MeV)

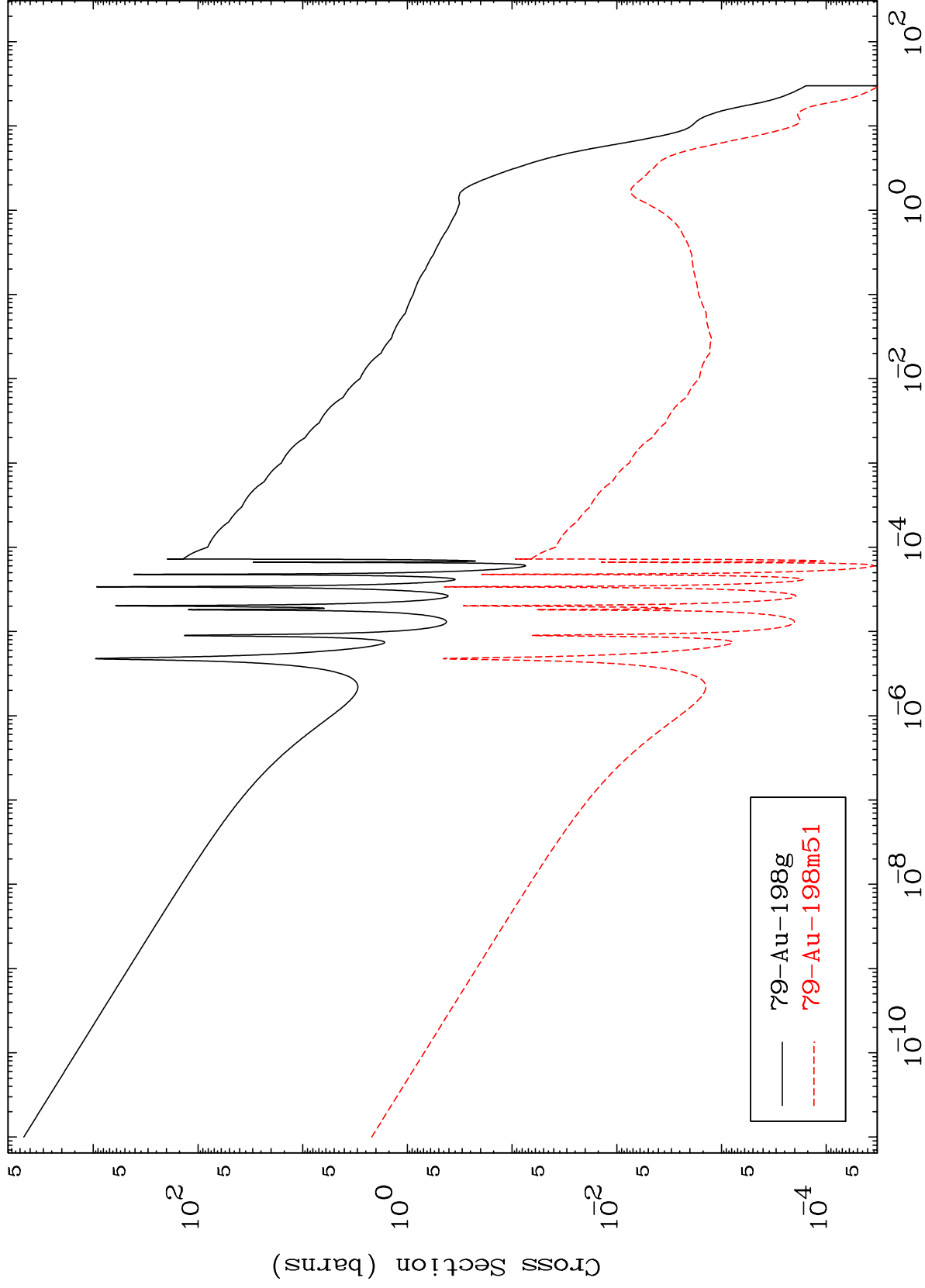
$^{79}\text{Au-197m}$

MAT 7926

$^{79}\text{Au-197m}$

Radionuclide Production Cross Section

(n, γ)



$^{79}\text{Au-197m}$

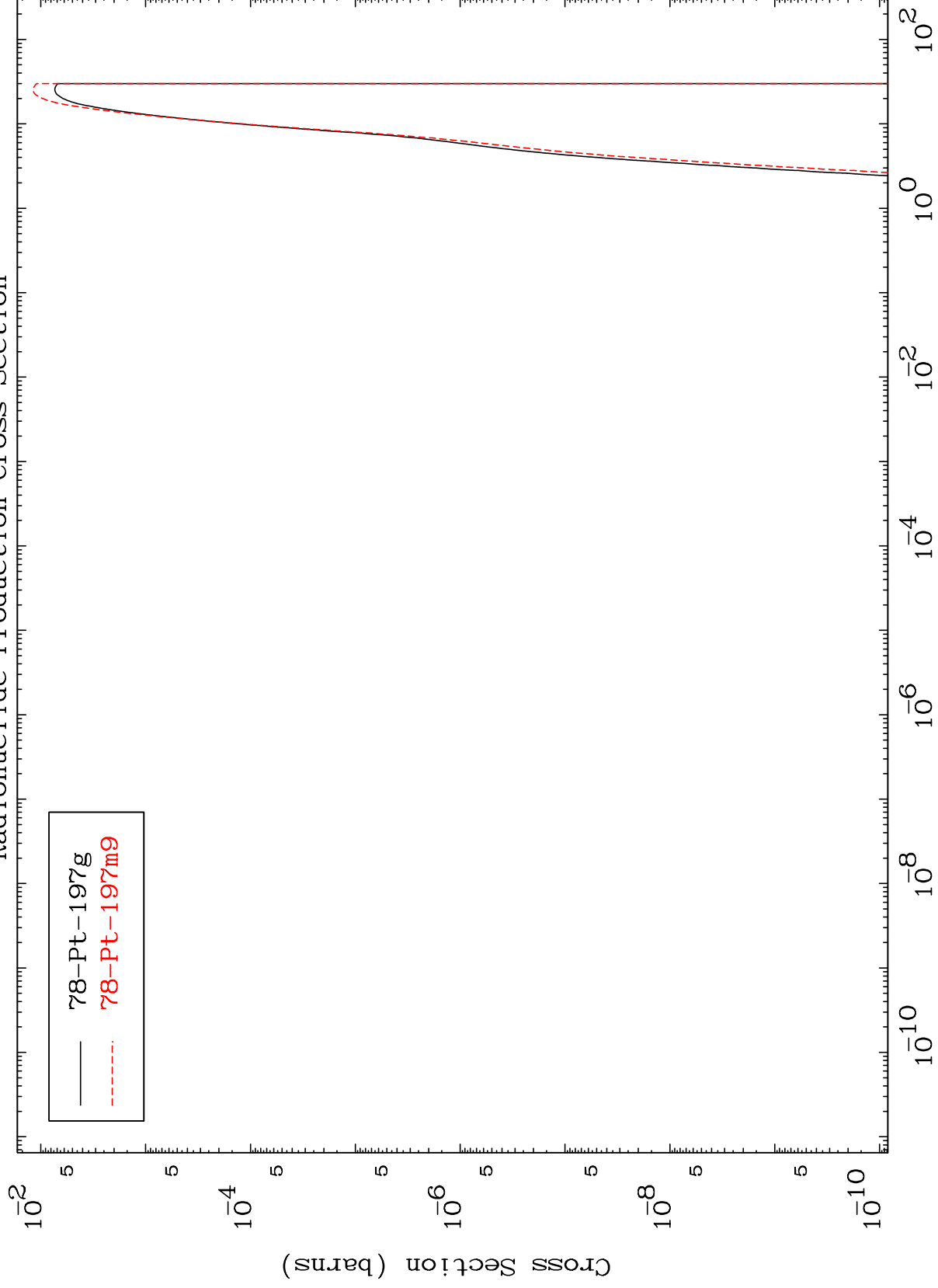
Incident Energy (MeV)

32

MAT 7926

⁷⁹Au-197m

Radionuclide Production Cross Section



— ⁷⁸Pt-197g
- - - ⁷⁸Pt-197m9

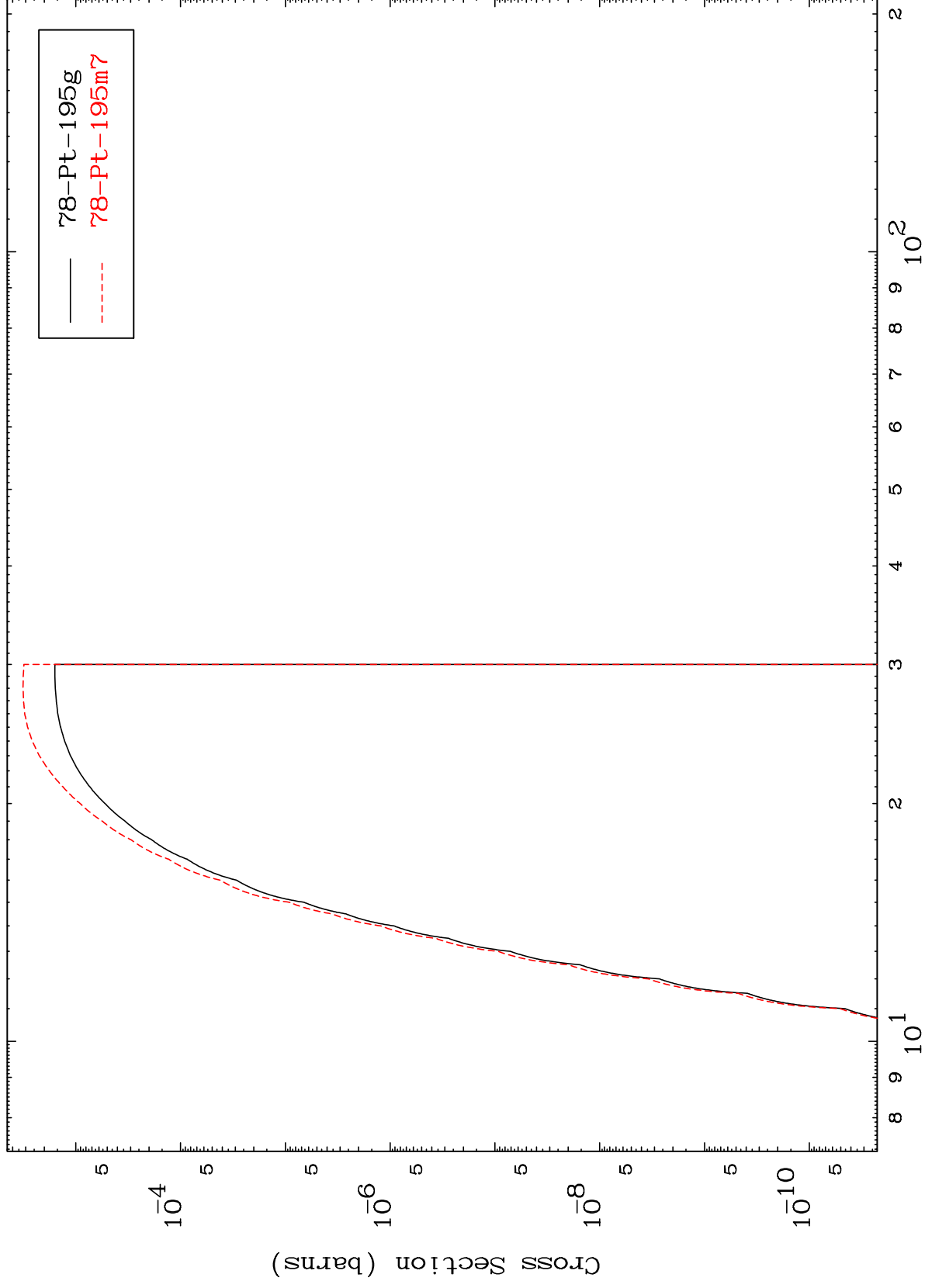
⁷⁹Au-197m

Incident Energy (MeV)

MAT 7926

⁷⁹Au-197m

(n,t)
Radionuclide Production Cross Section

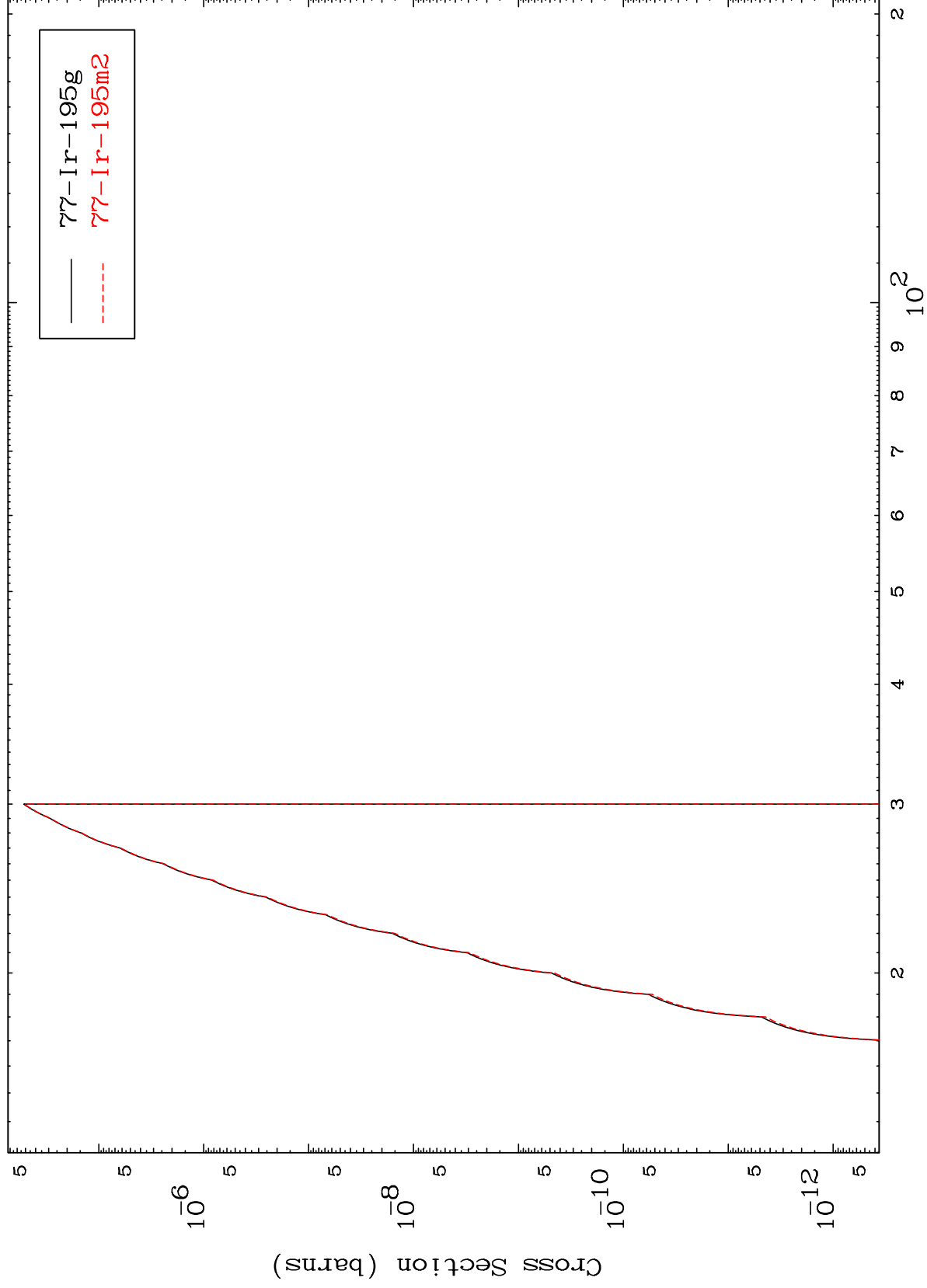


⁷⁹Au-197m

Incident Energy (MeV)

34

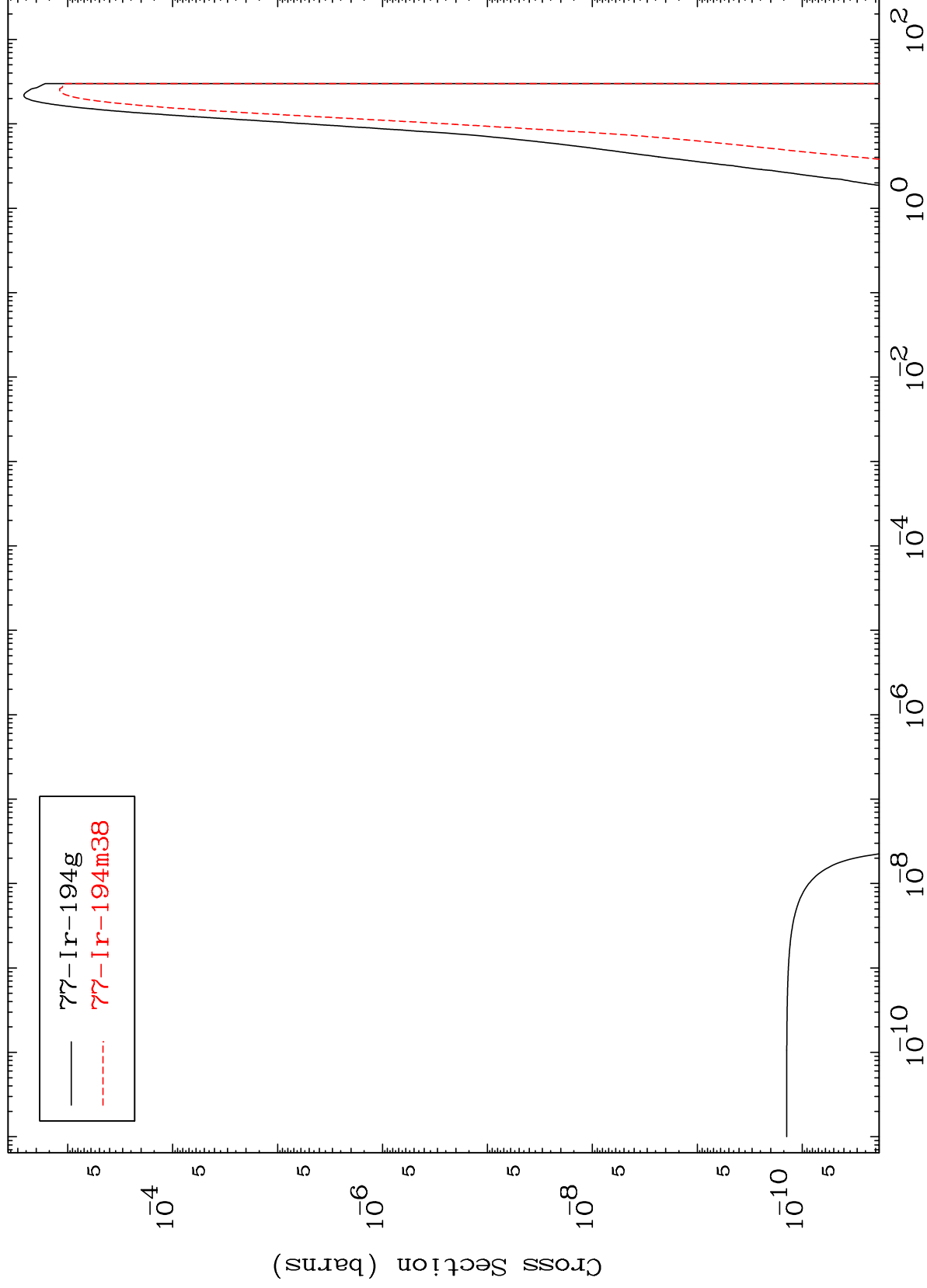
(n,He-3)
Radionuclide Production Cross Section



MAT 7926

Radionuclide Production Cross Section
(n, α)

$^{79}\text{Au}-197\text{m}$



36

Incident Energy (MeV)

$^{79}\text{Au}-197\text{m}$

