

Program EVALPLOT
(Version 2021-1)

by

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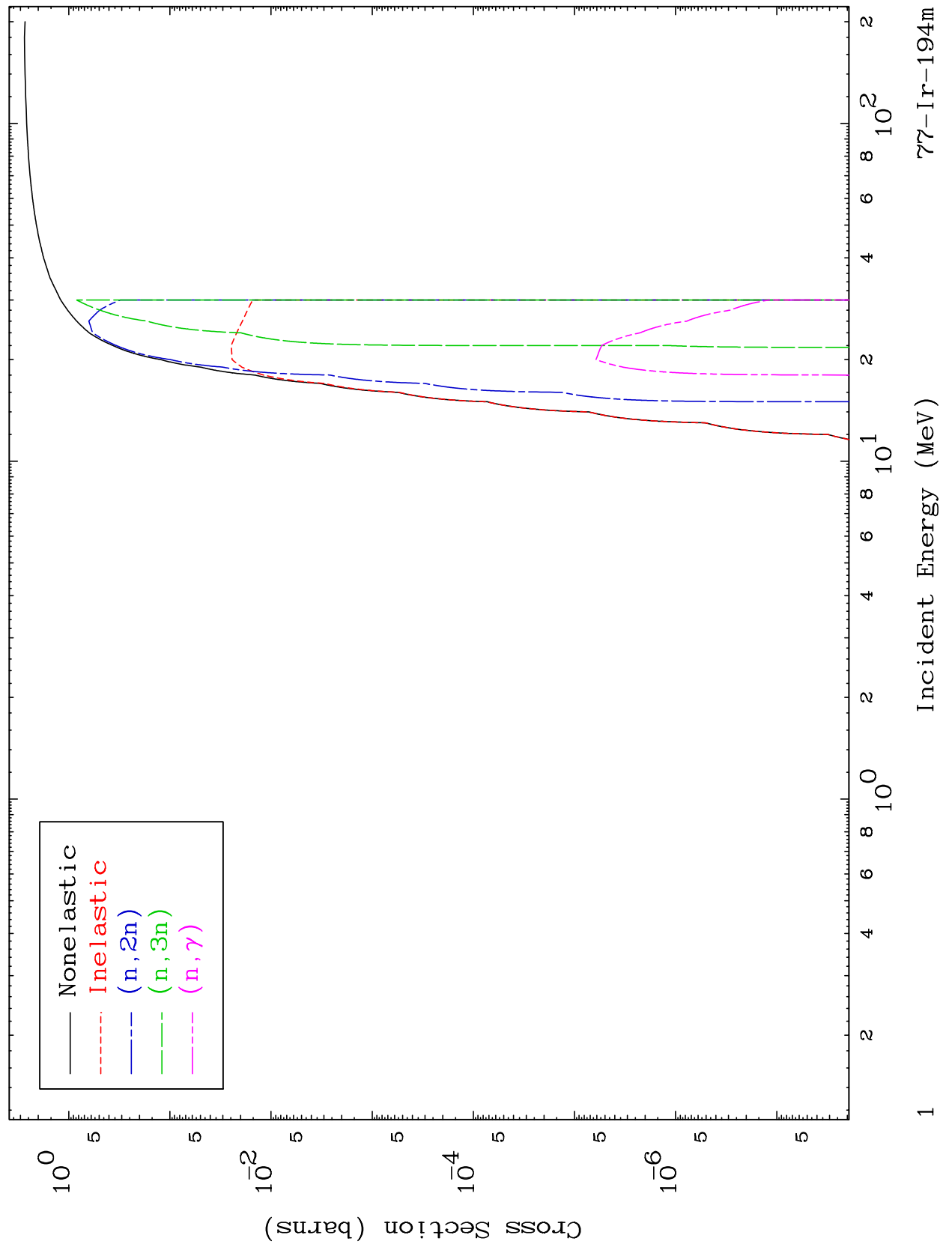
Press Mouse Button to Start

MAT 7735

0 Kelvin

α Major Cross Sections

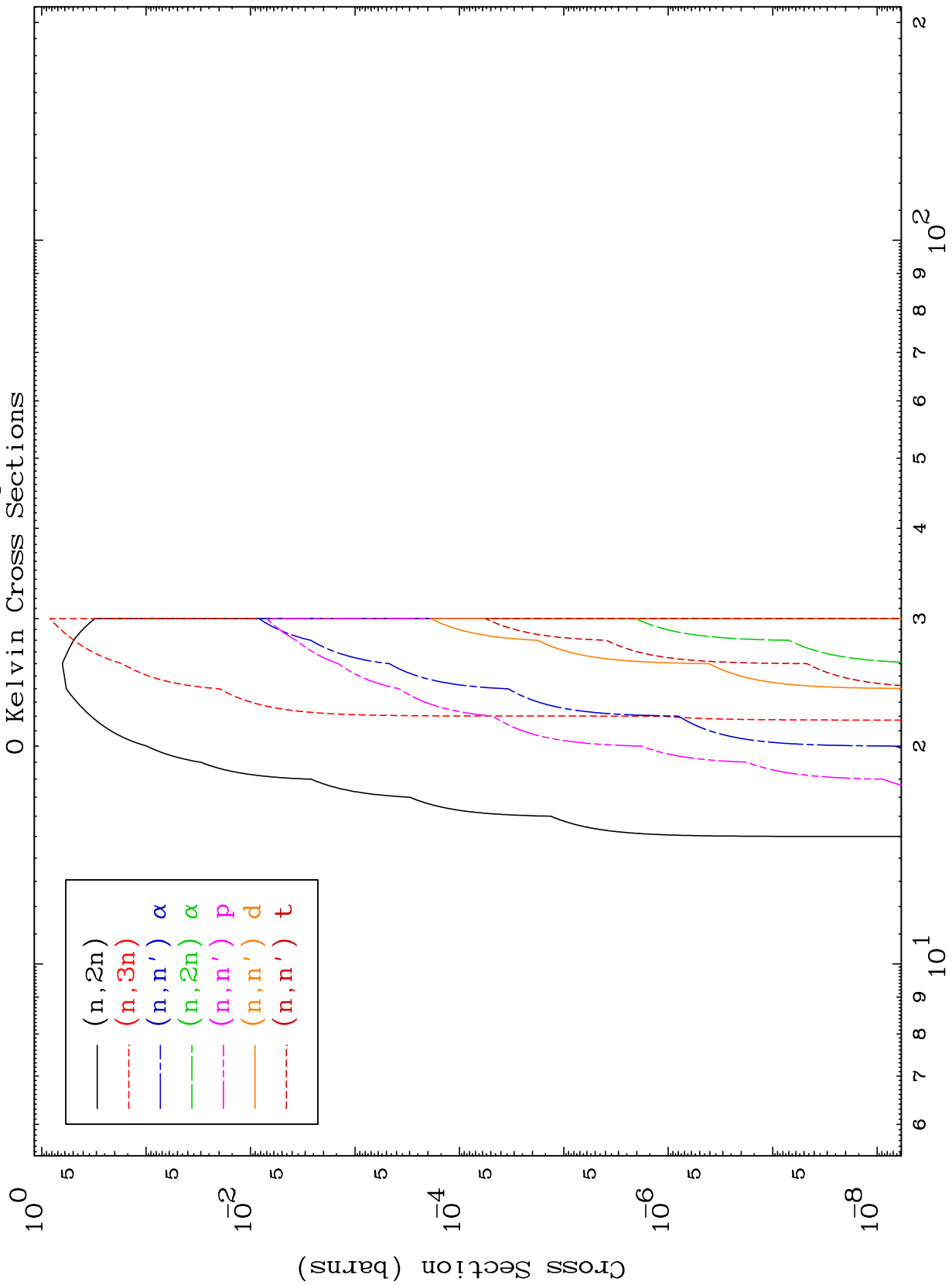
77-Ir-194m



MAT 7735

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-194m



2

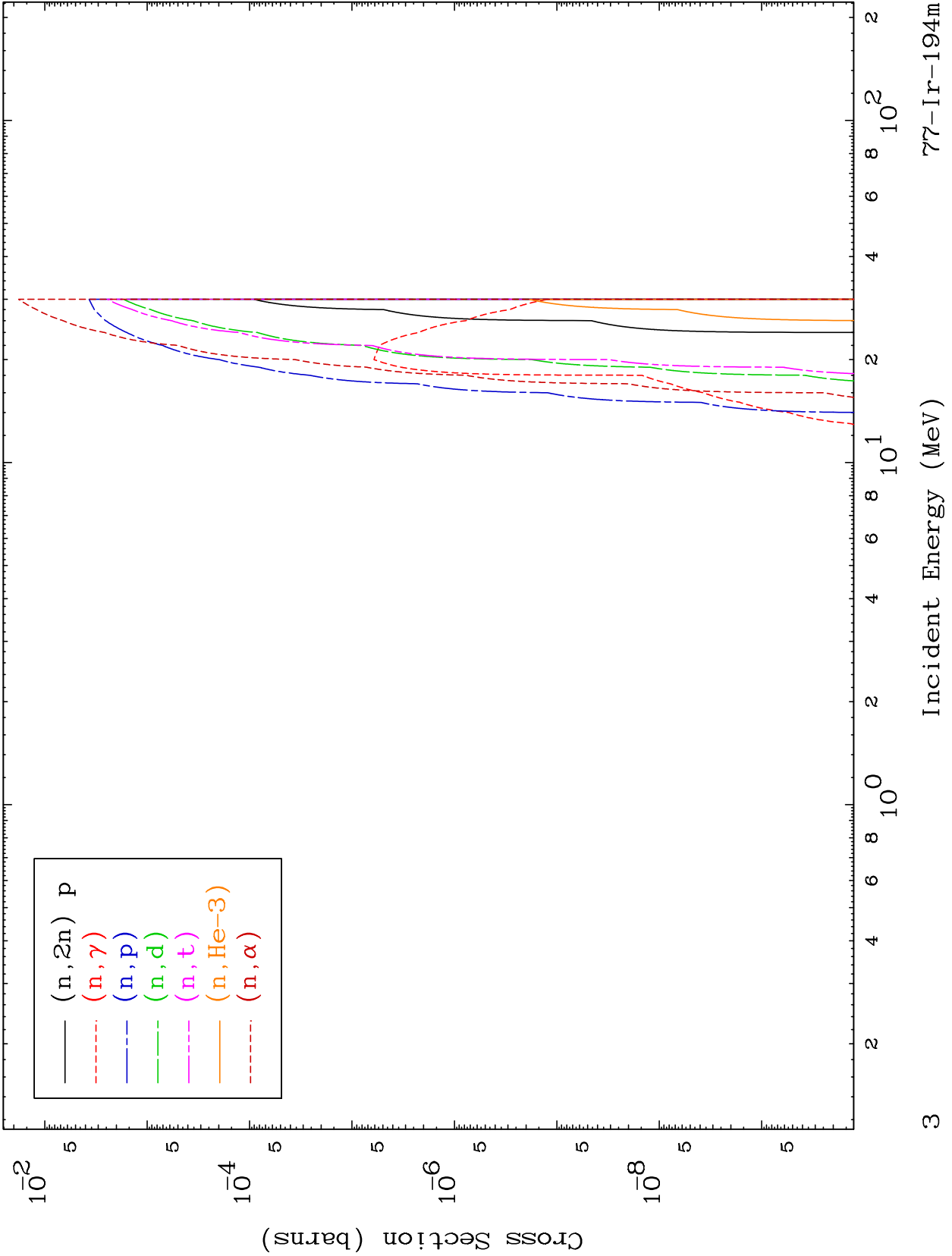
Incident Energy (MeV)

77-Ir-194m

MAT 7735

α Neutron Absorption
0 Kelvin Cross Sections

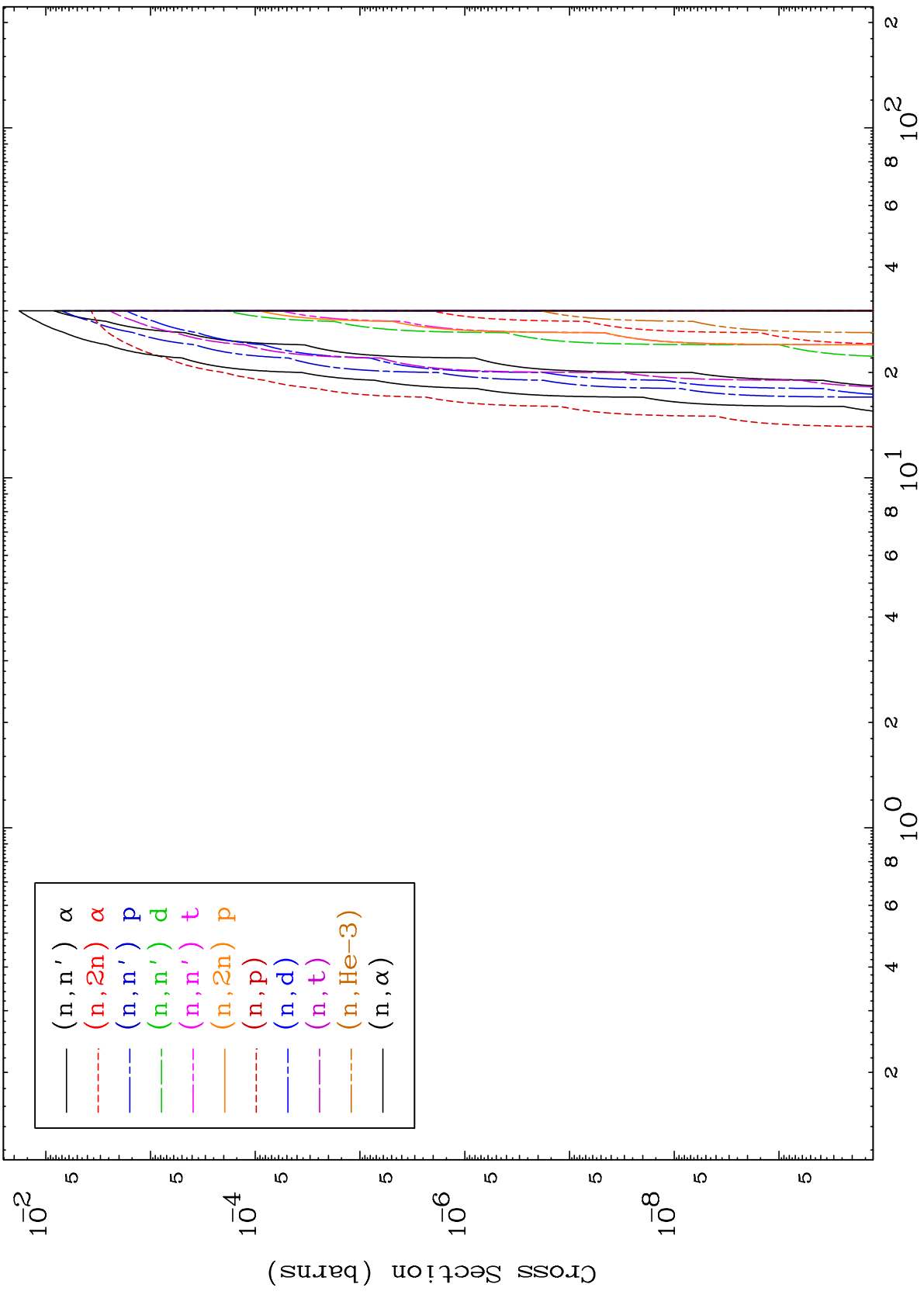
77-Ir-194m



MAT 7735

α Charged Particle
0 Kelvin Cross Sections

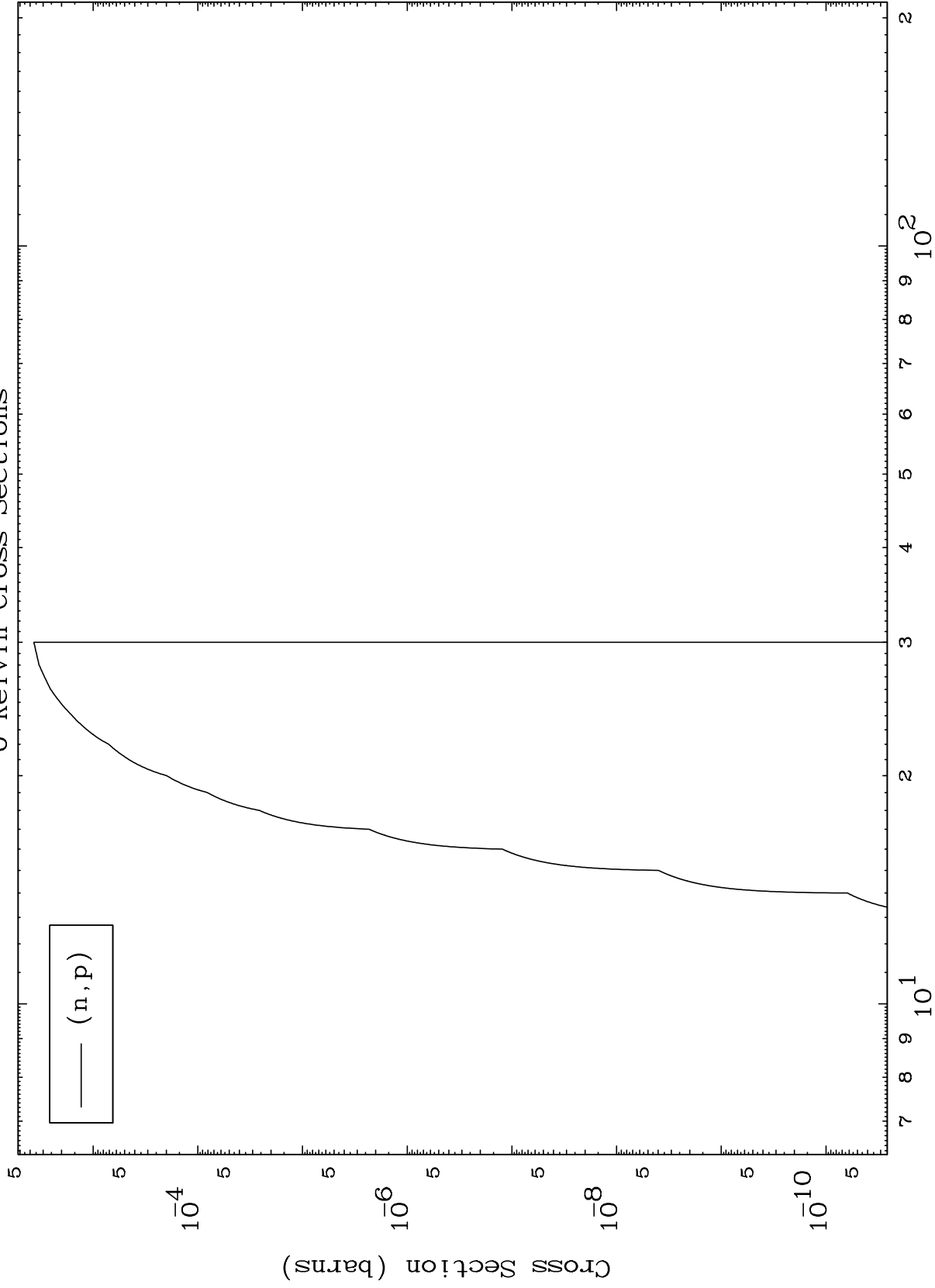
77-Ir-194m



MAT 7735

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-194m



5

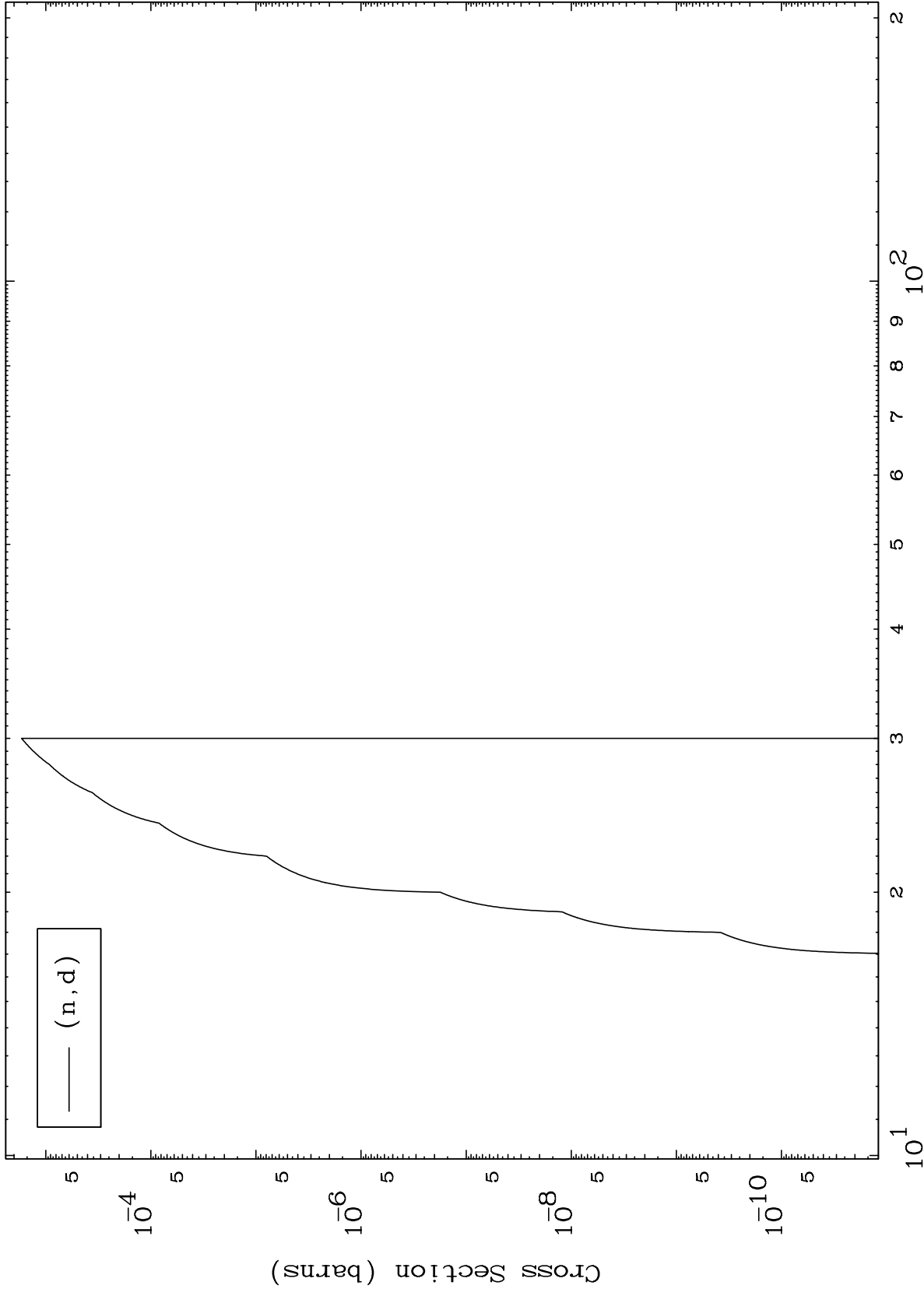
Incident Energy (MeV)

77-Ir-194m

MAT 7735

(α, d) Levels
0 Kelvin Cross Sections

⁷⁷Ir-194m



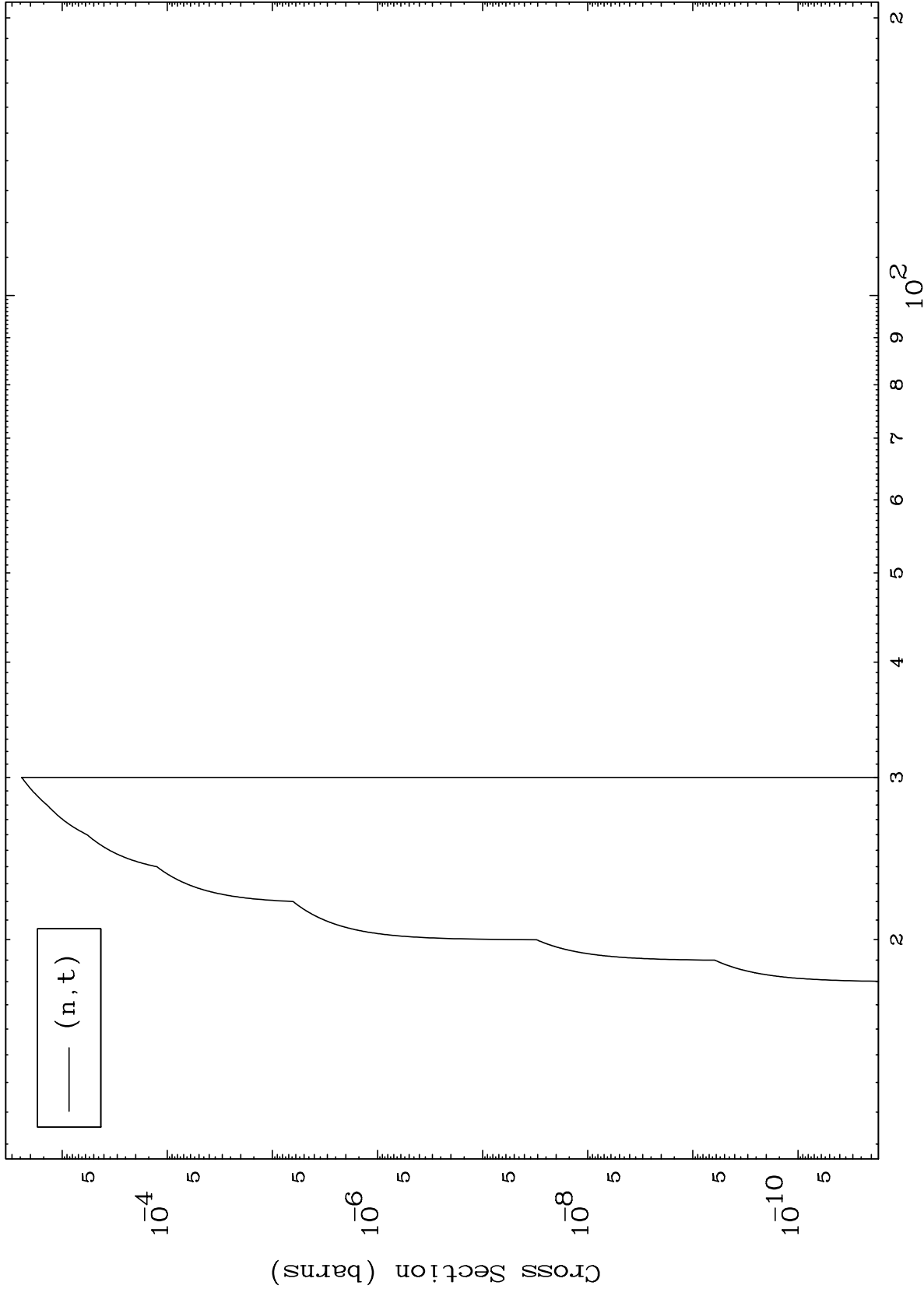
Incident Energy (MeV)

⁷⁷Ir-194m

MAT 7735

(α, t) Levels
0 Kelvin Cross Sections

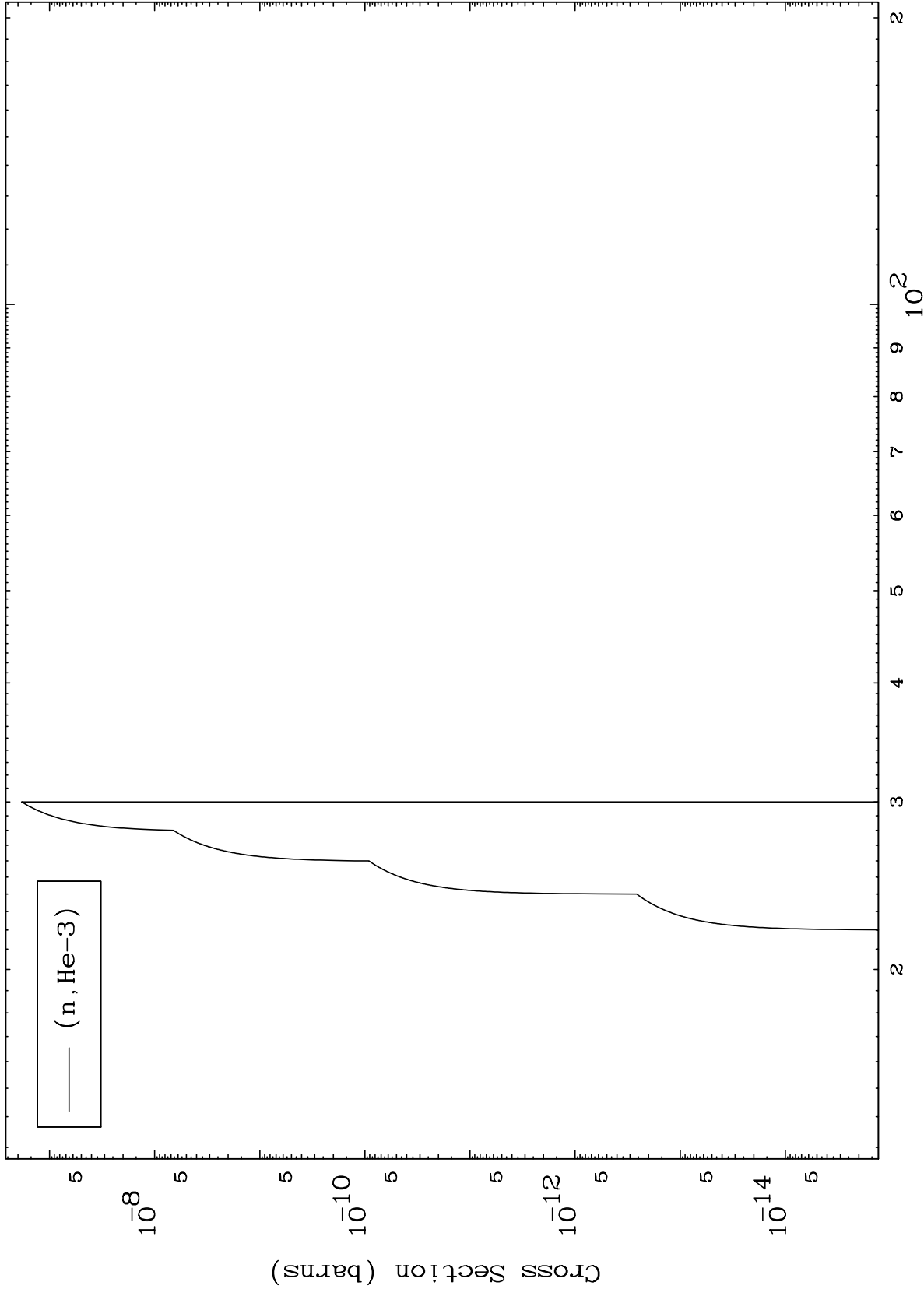
77-Ir-194m



MAT 7735

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

77-Ir-194m

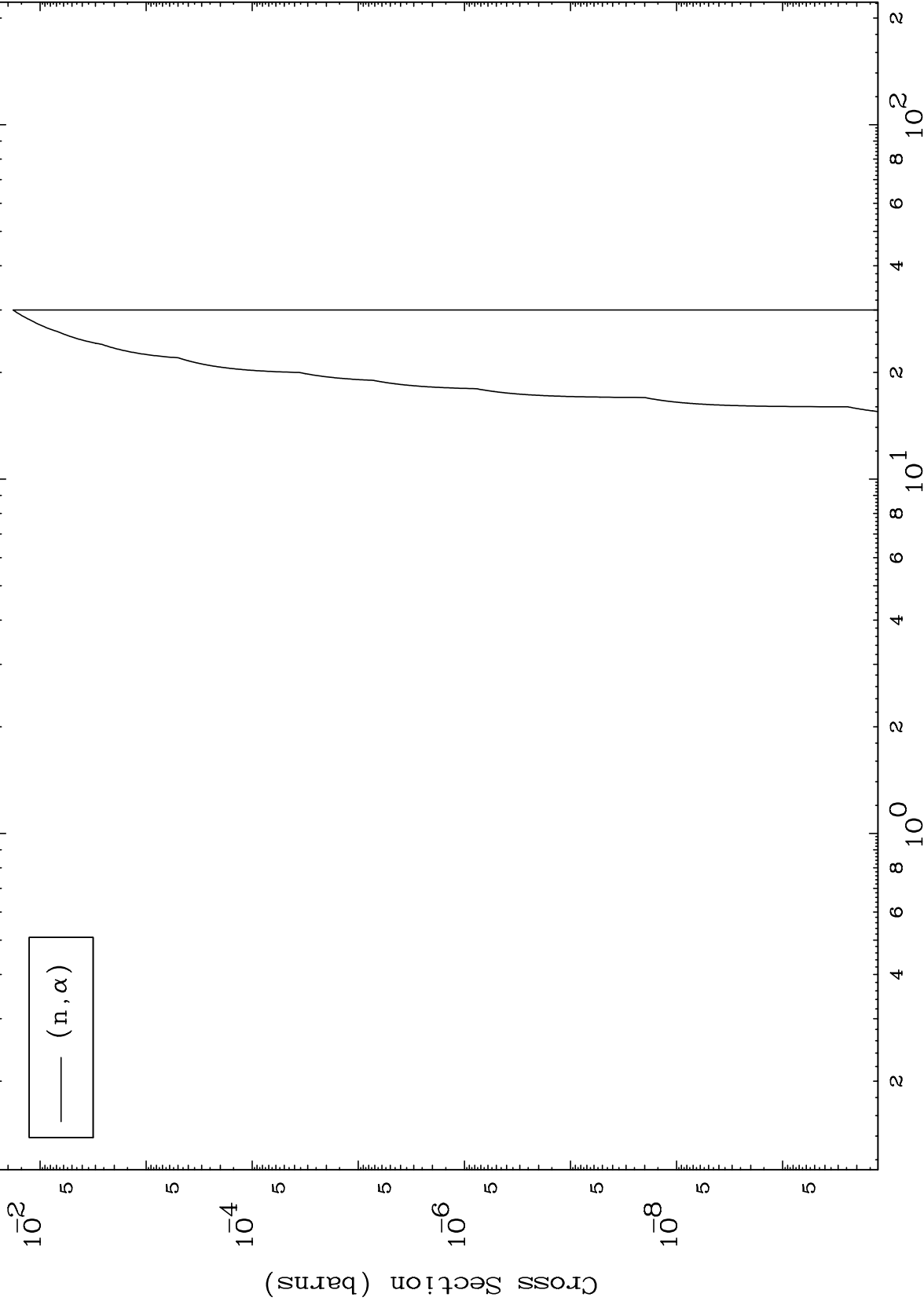


MAT 7735

(α, α) Levels

77-Ir-194m

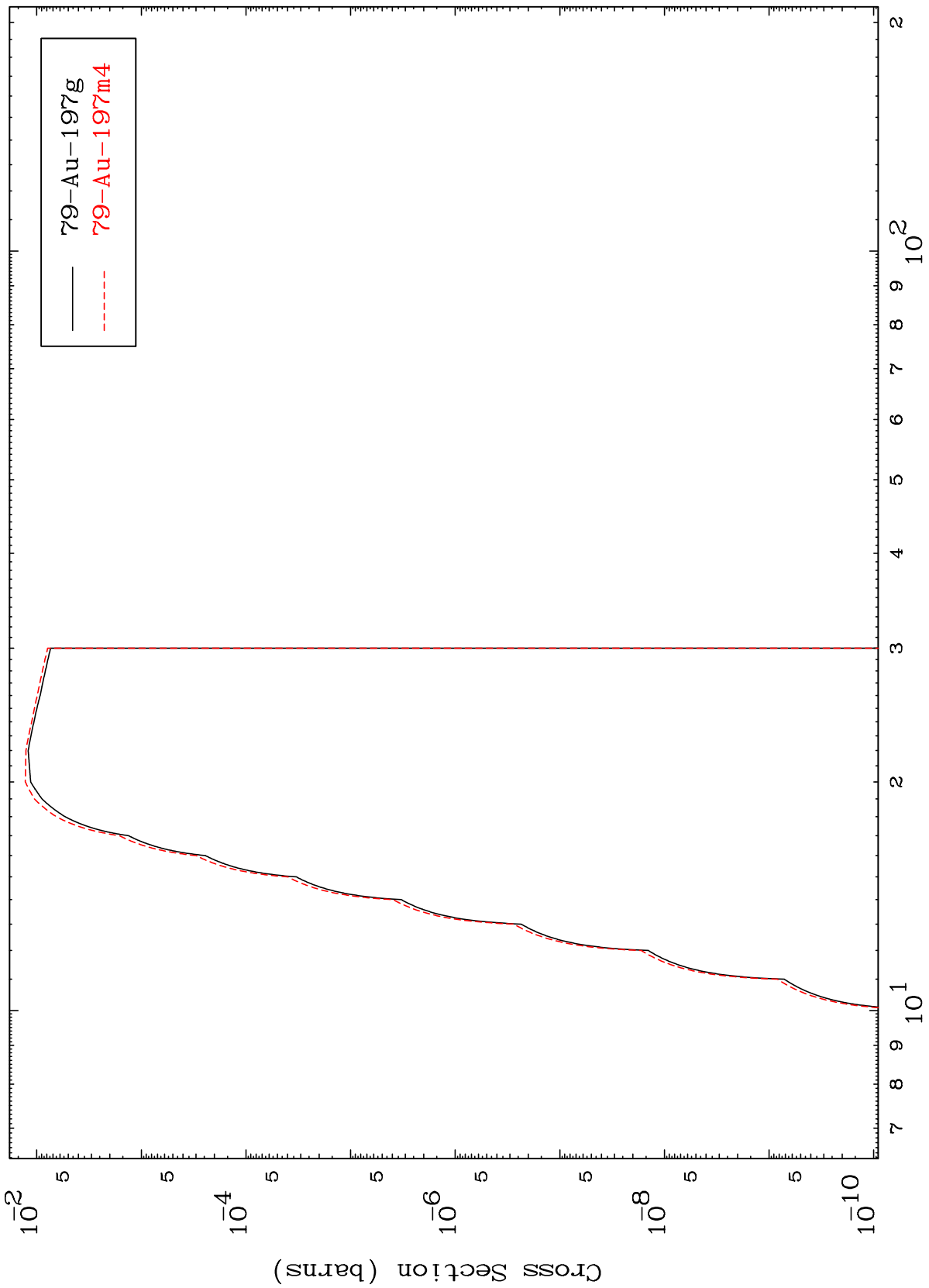
0 Kelvin Cross Sections



MAT 7735

77-Ir-194m

Inelastic
Radionuclide Production Cross Section



77-Ir-194m

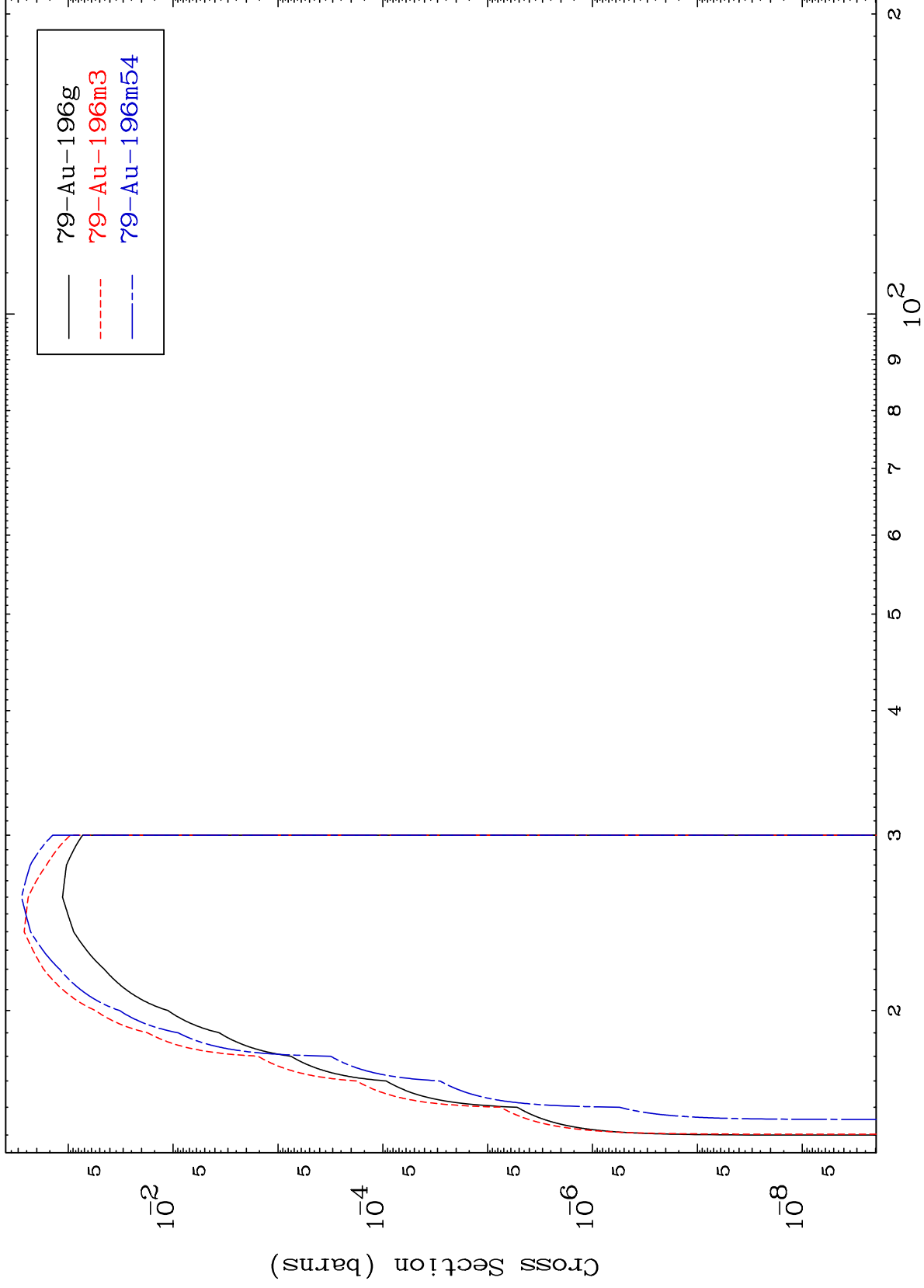
Incident Energy (MeV)

10

MAT 7735

⁷⁷Ir-194m

(n,2n)
Radionuclide Production Cross Section



11

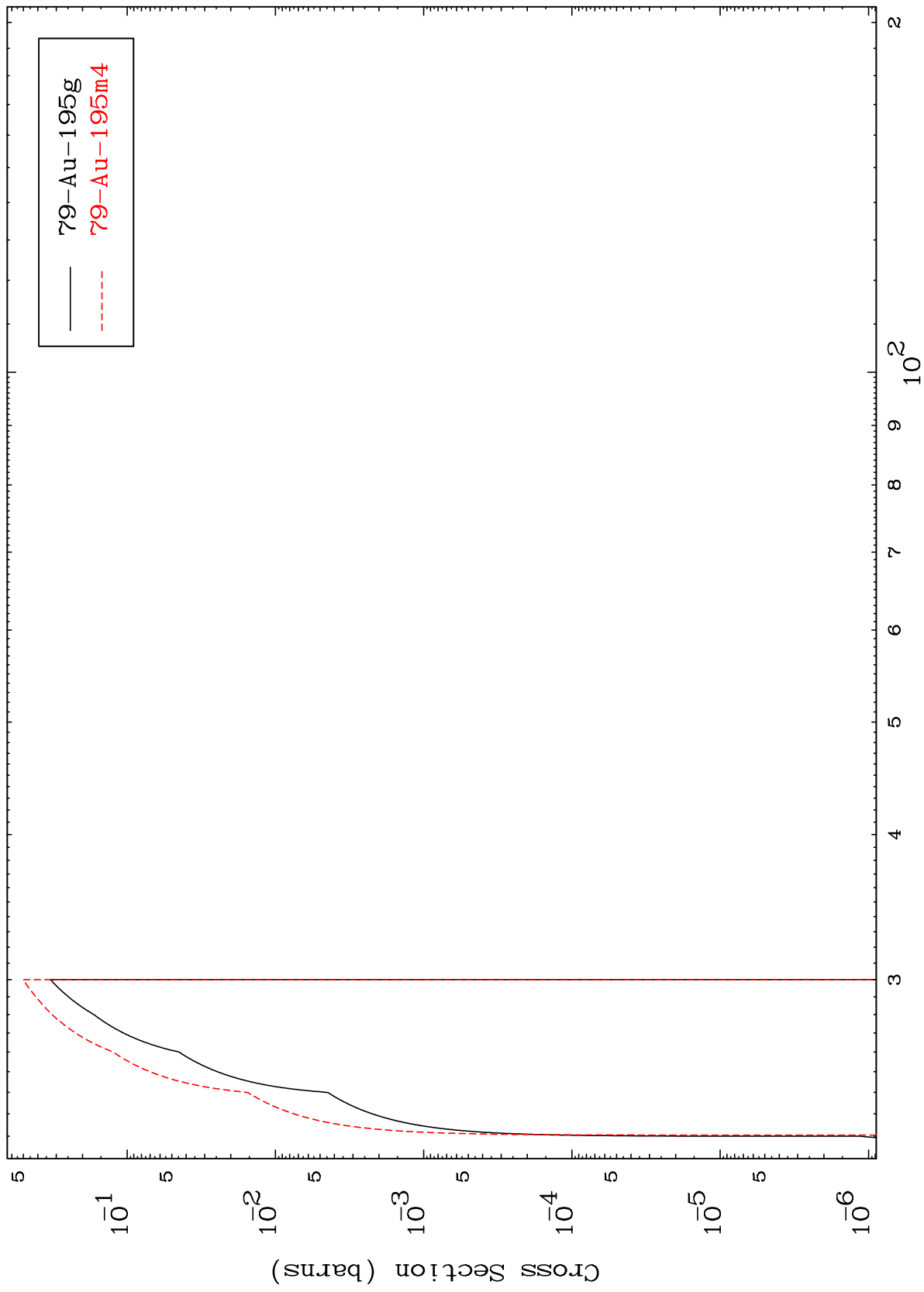
Incident Energy (MeV)

⁷⁷Ir-194m

MAT 7735

77-Ir-194m

(n,3n)
Radionuclide Production Cross Section



12

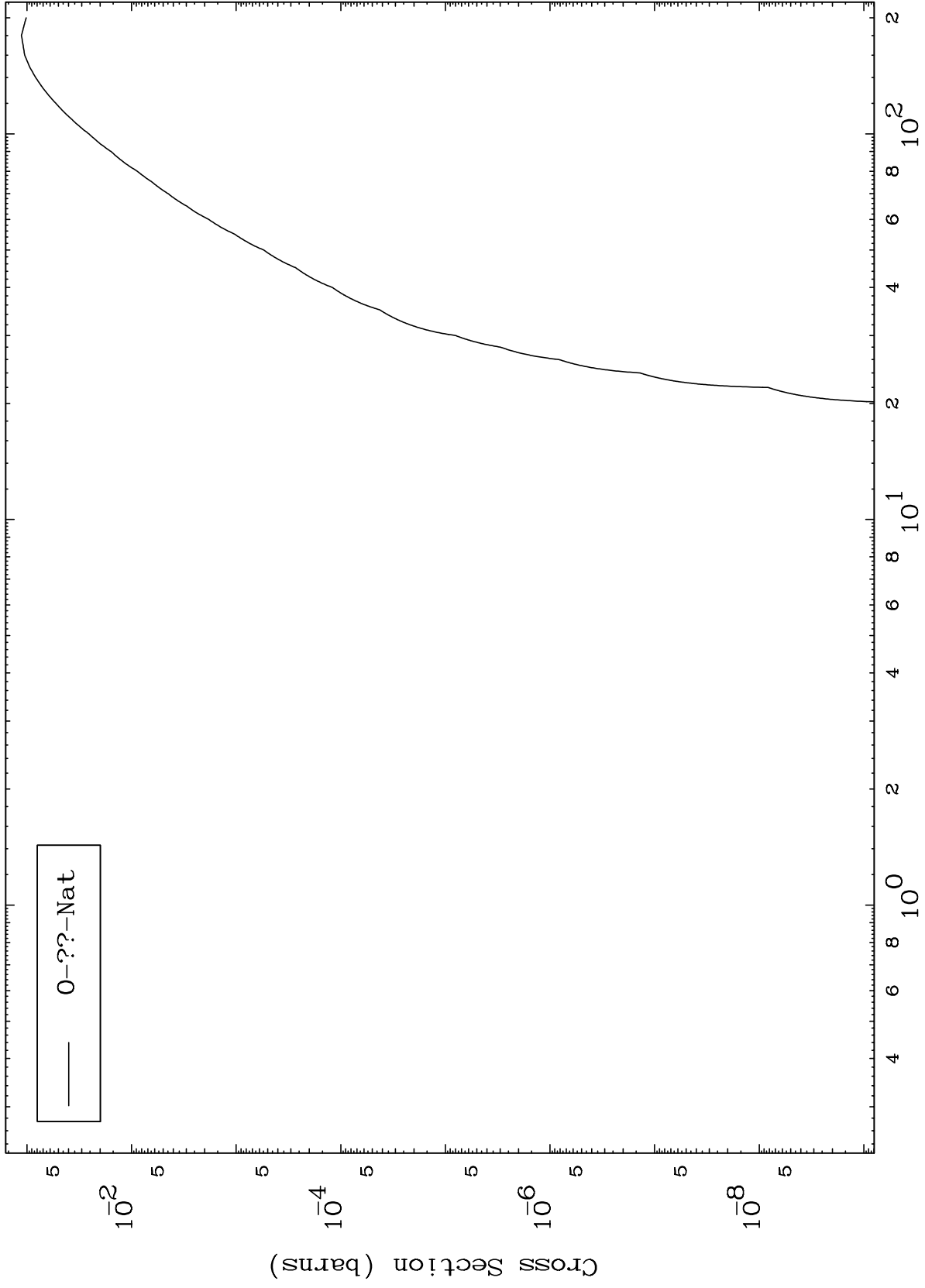
Incident Energy (MeV)

77-Ir-194m

MAT 7735

Fission
Radionuclide Production Cross Section

⁷⁷Ir-194m



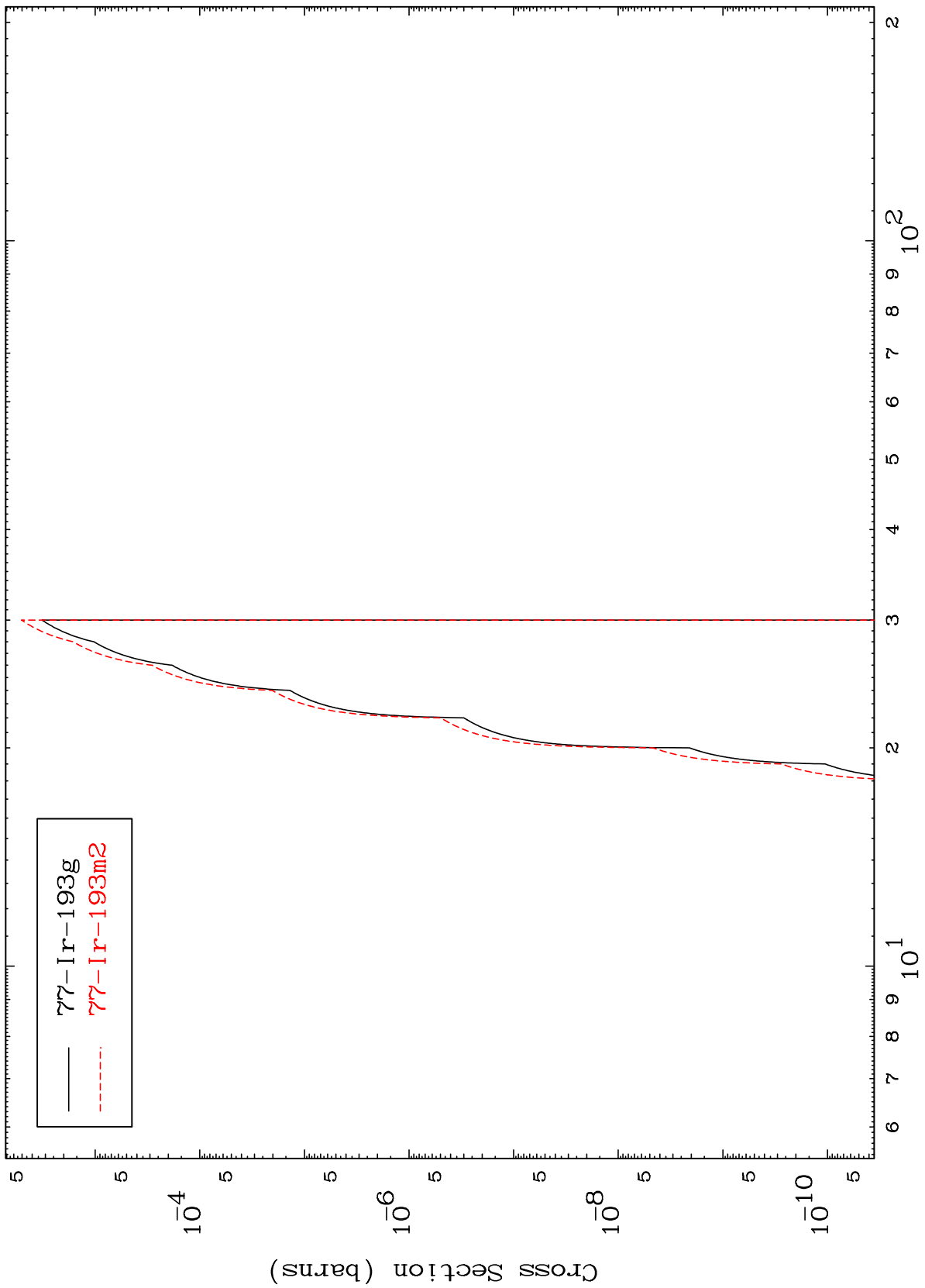
— 0-??-Nat

MAT 7735

$(n, n') \alpha$

$^{77}\text{Ir}-194\text{m}$

Radionuclide Production Cross Section



Legend:
— $^{77}\text{Ir}-193\text{g}$
- - - $^{77}\text{Ir}-193\text{m}2$

14

Incident Energy (MeV)

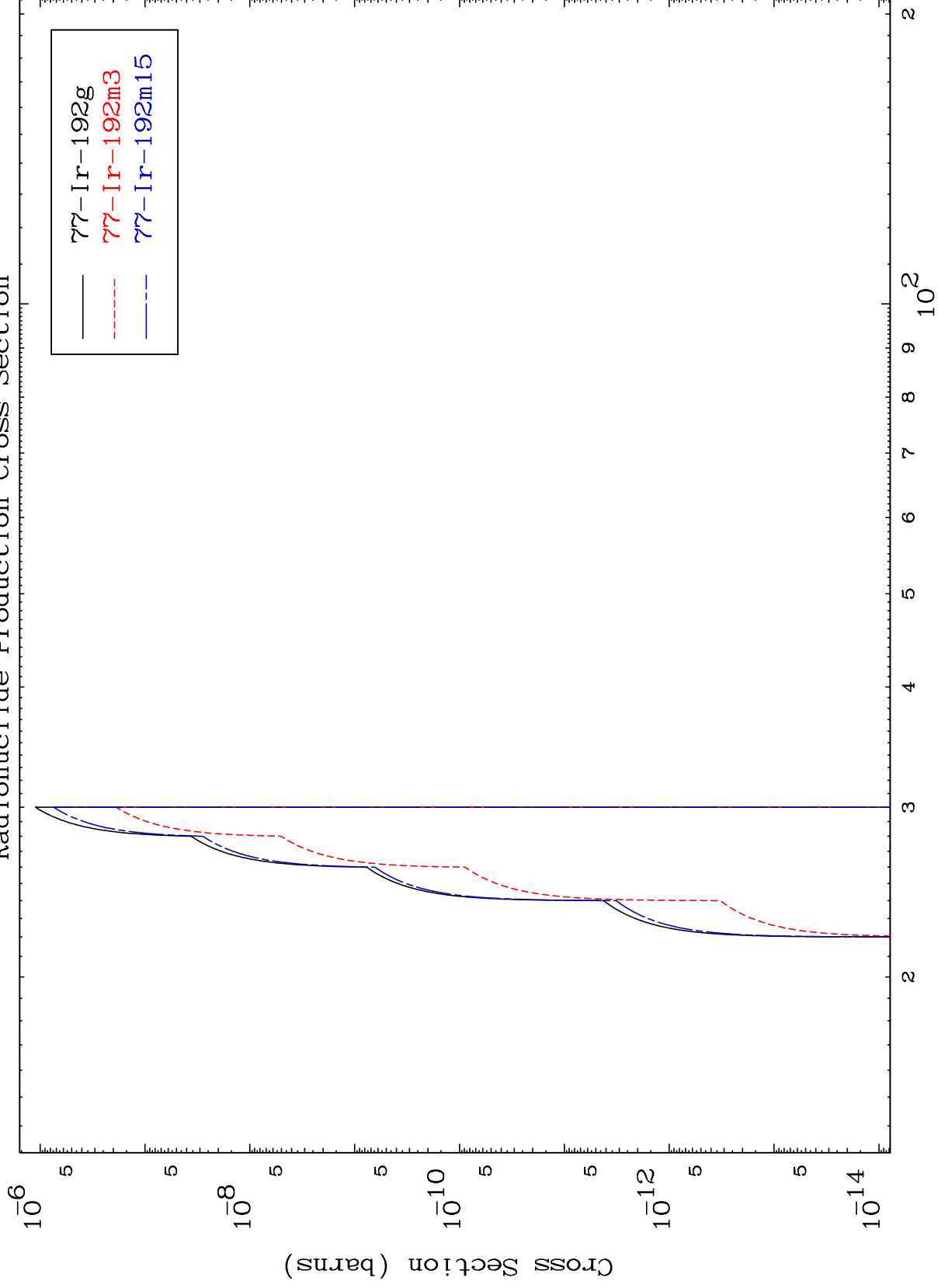
$^{77}\text{Ir}-194\text{m}$

MAT 7735

(n,2n) α

77-Ir-194m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

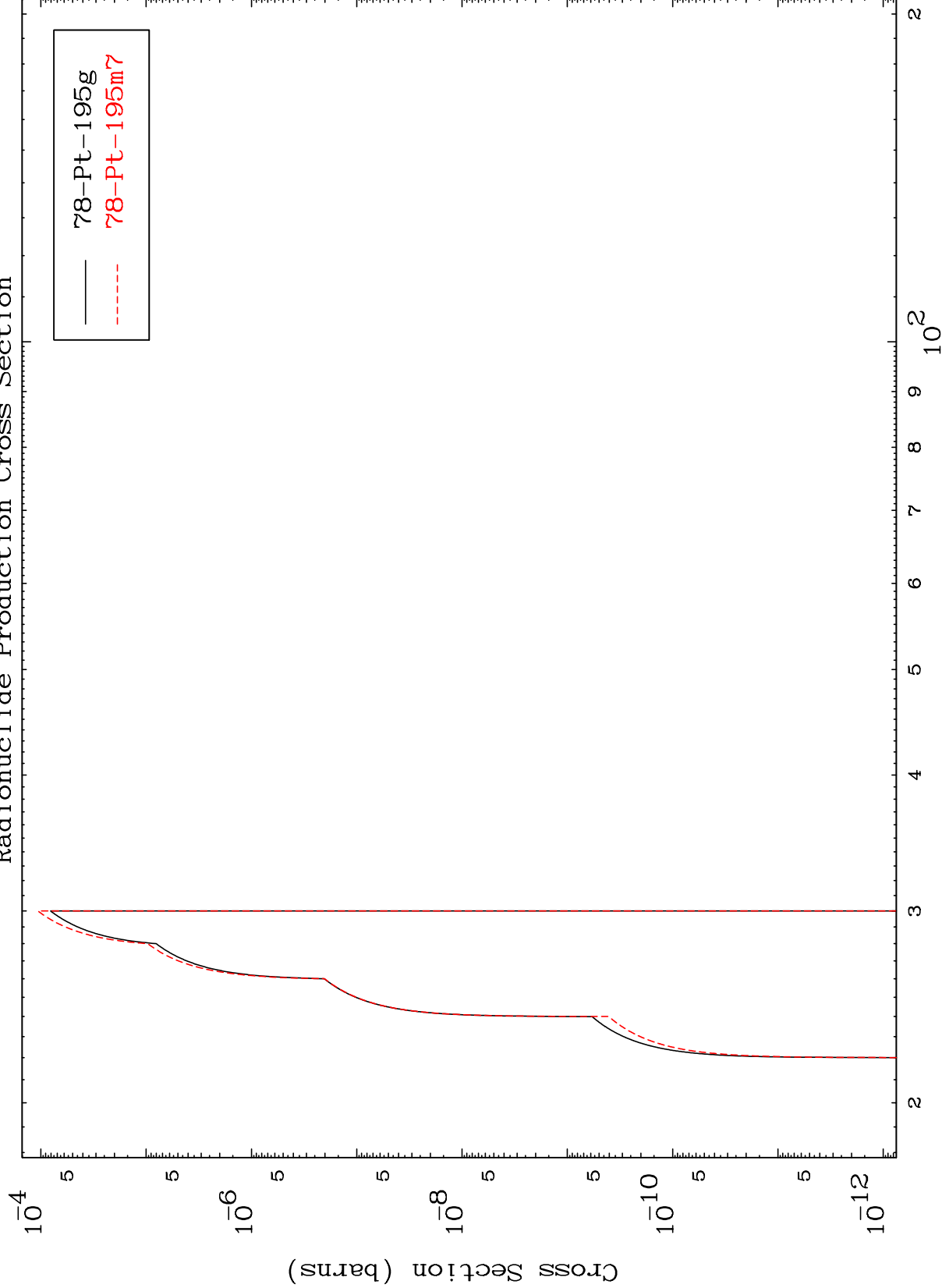
77-Ir-194m

MAT 7735

(n,n') d

77-Ir-194m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

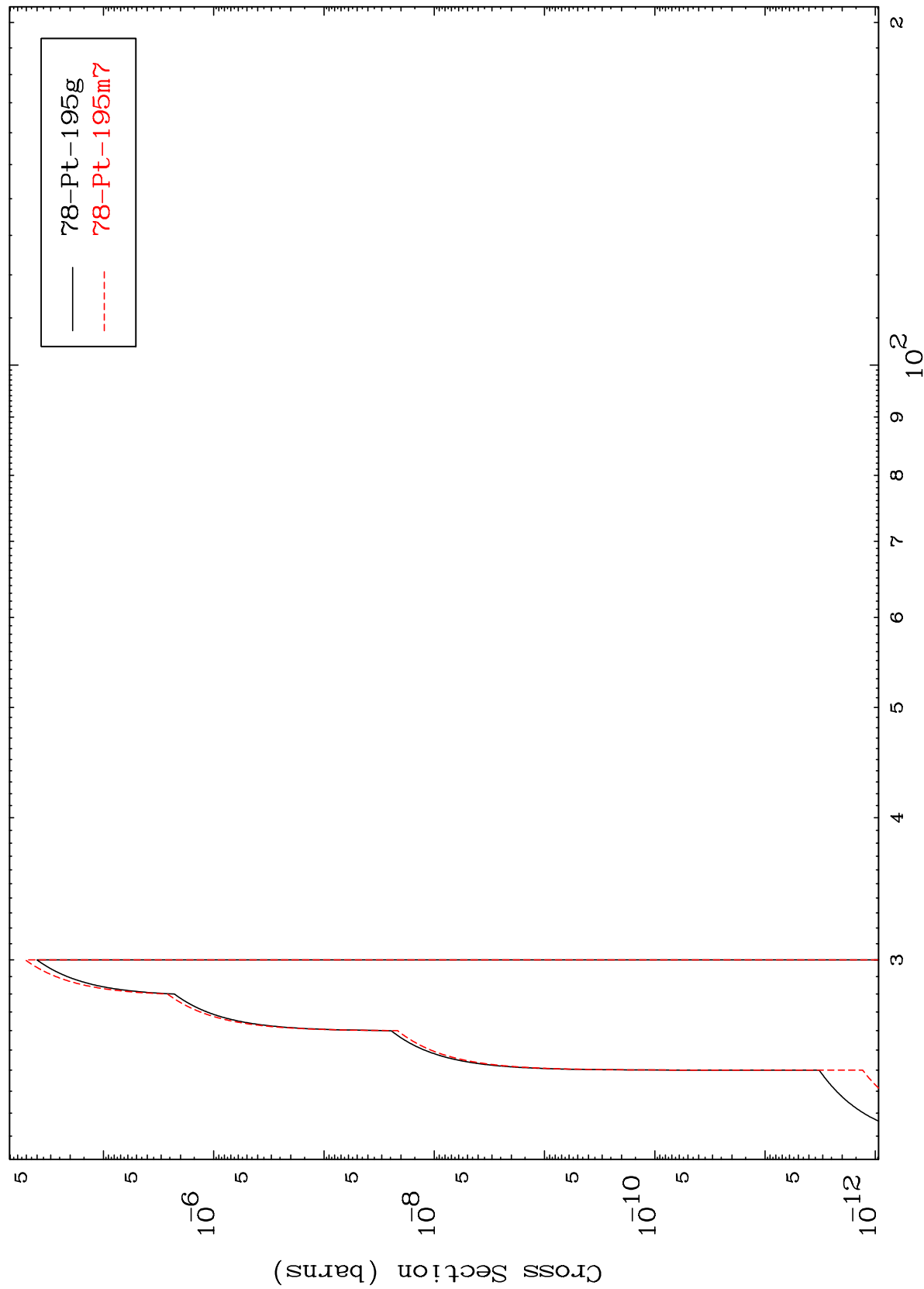
77-Ir-194m

MAT 7735

(n,2n) p

77-Ir-194m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

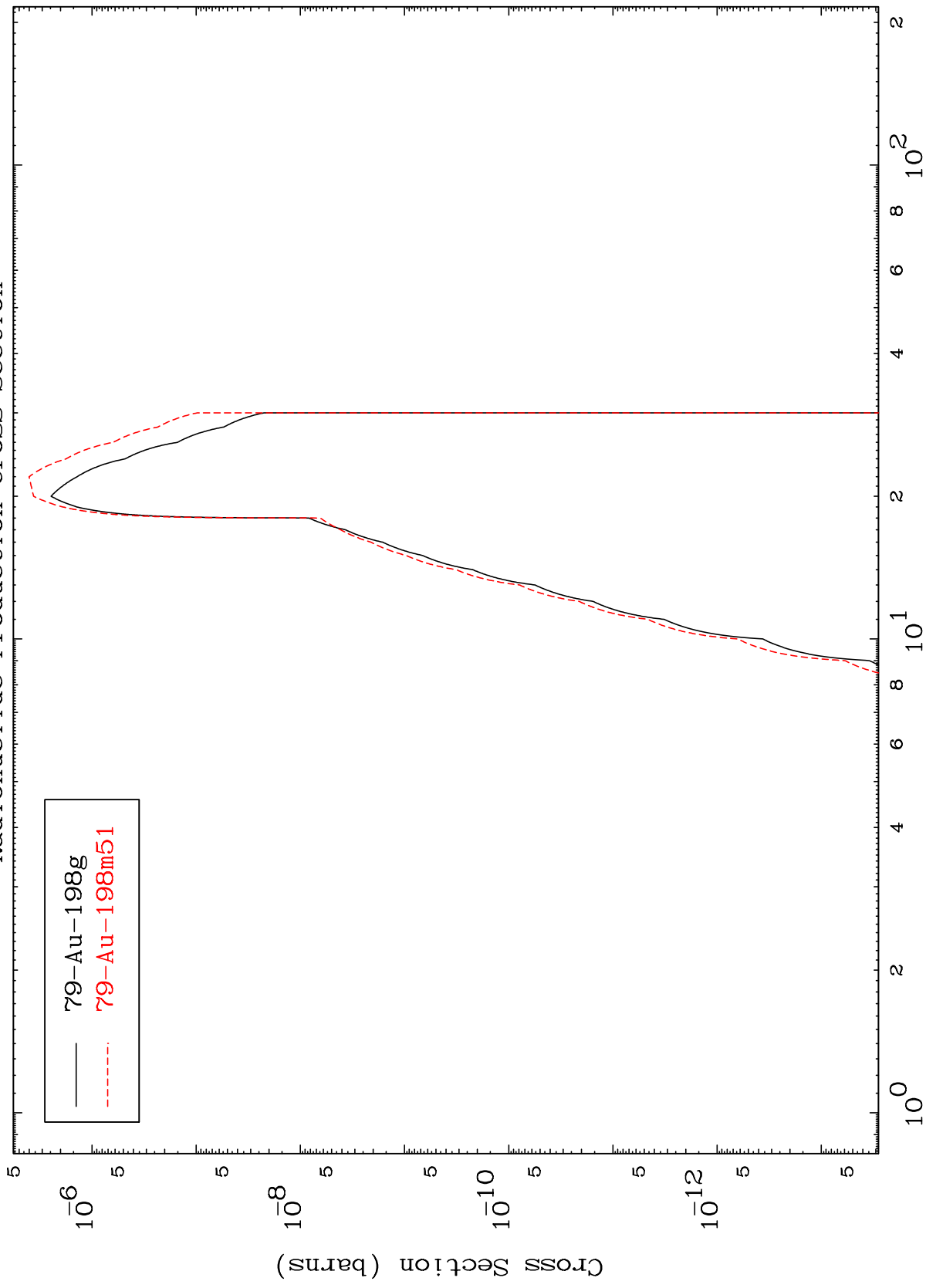
77-Ir-194m

MAT 7735

(n, γ)

⁷⁷Ir-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

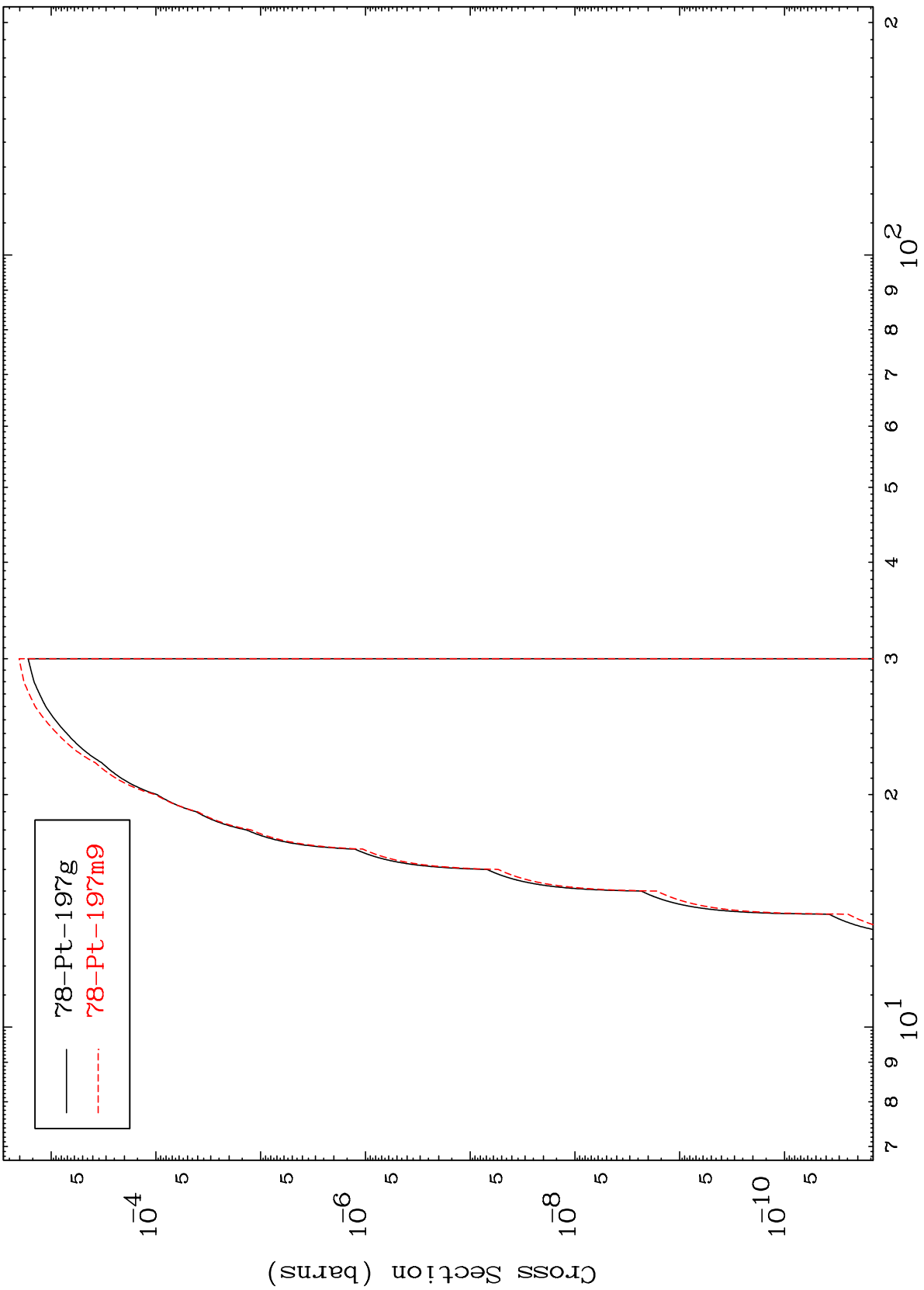
⁷⁷Ir-194m

18

MAT 7735

⁷⁷Ir-194m

Radionuclide Production Cross Section (n,p)



19

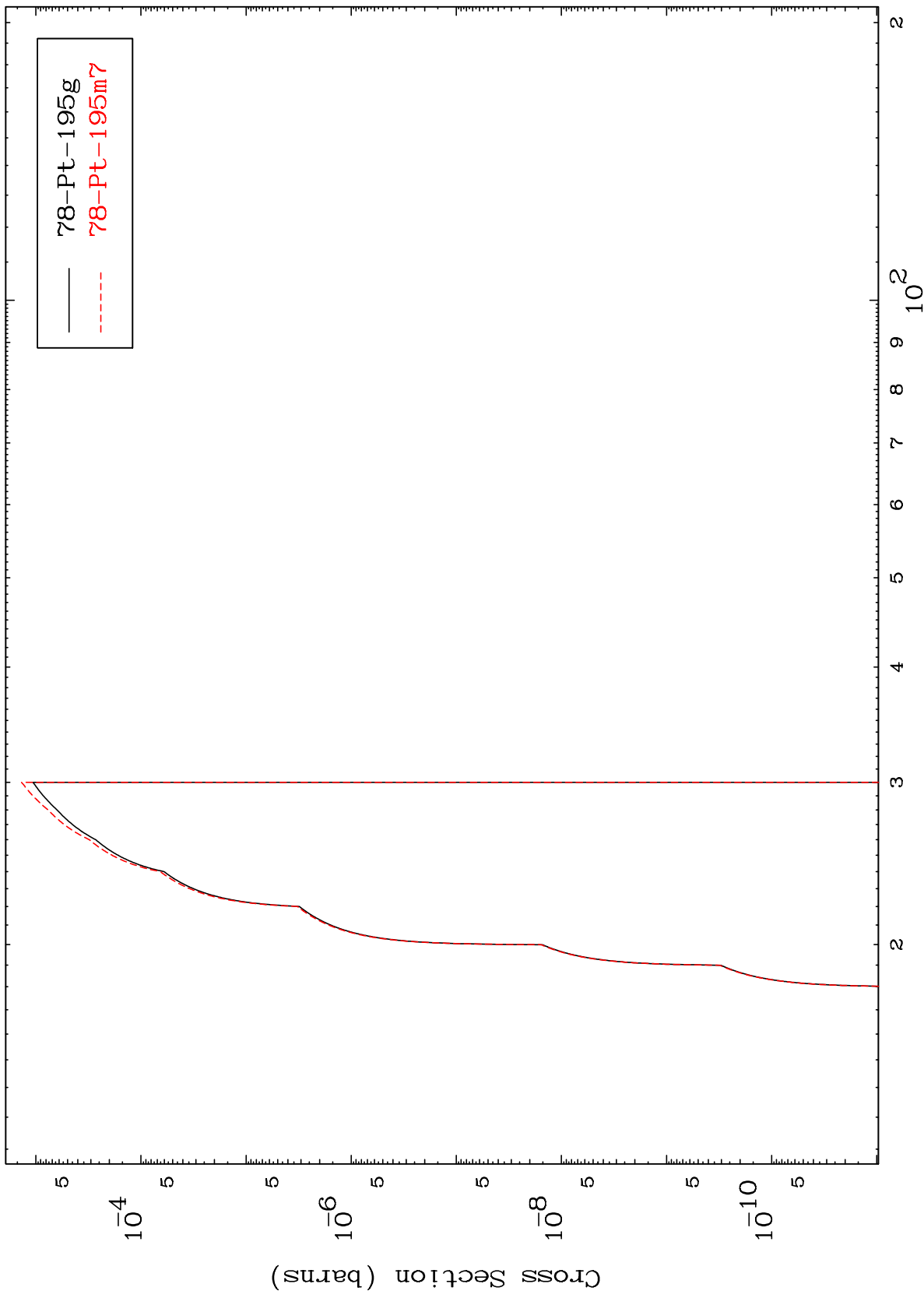
Incident Energy (MeV)

⁷⁷Ir-194m

MAT 7735

77-Ir-194m

(n, t)
Radionuclide Production Cross Section



20

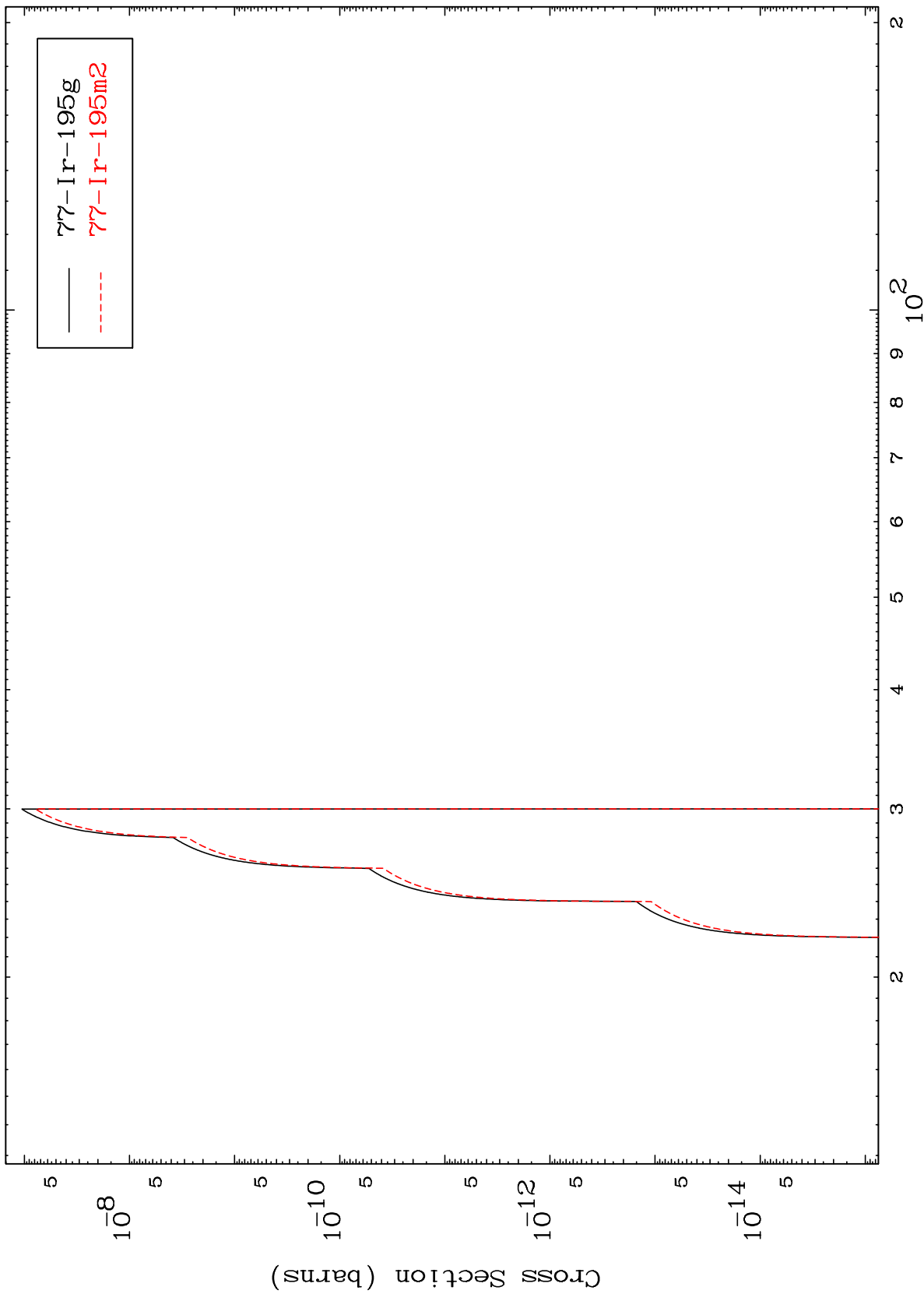
Incident Energy (MeV)

77-Ir-194m

MAT 7735

⁷⁷Ir-194m

(n,He-3)
Radionuclide Production Cross Section



MAT 7735

(n, α)

⁷⁷Ir-194m

Radionuclide Production Cross Section

