

Program EVALPLOT
(Version 2021-1)

by

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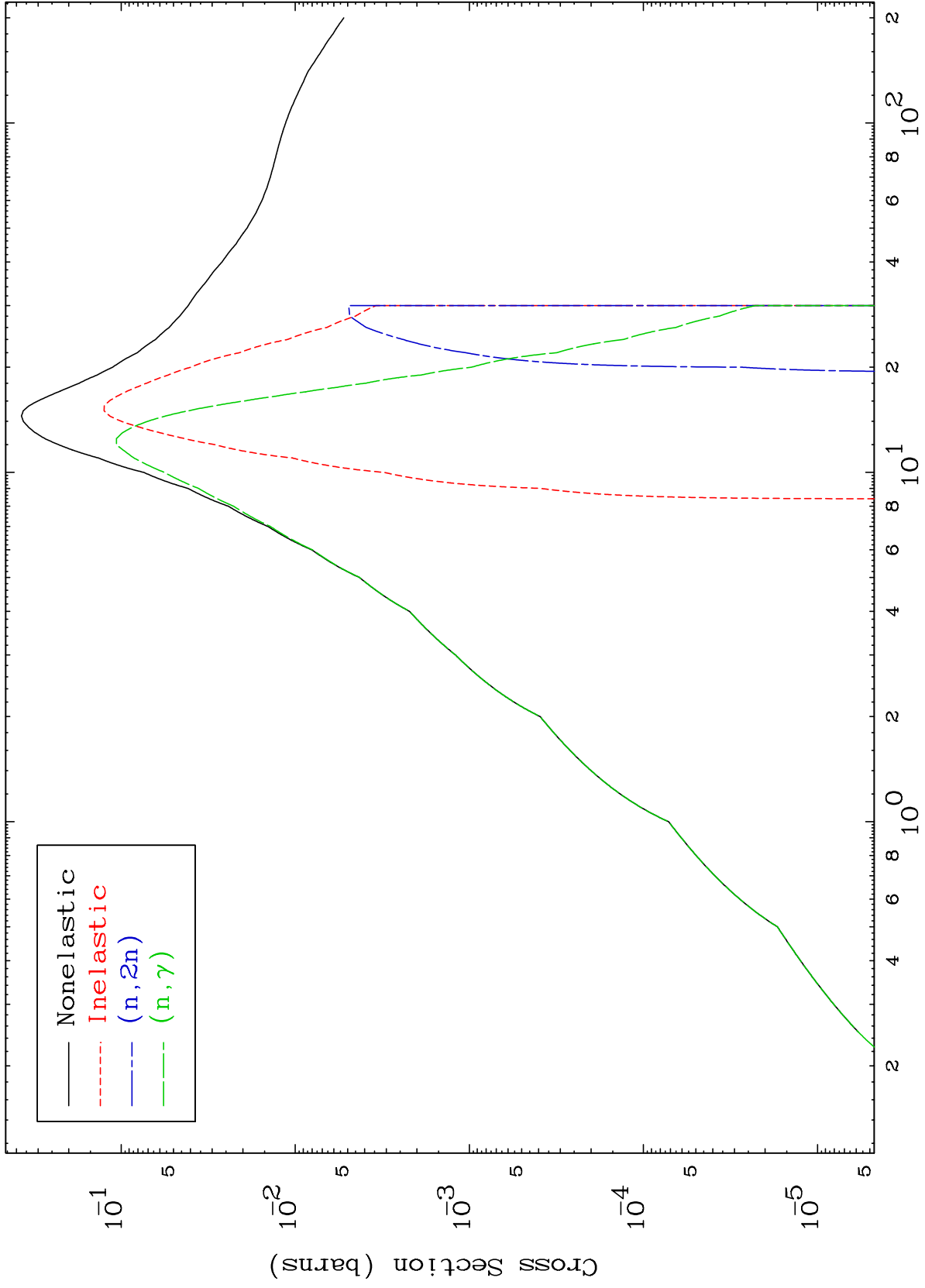
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7675

Photon Major
0 Kelvin Cross Sections

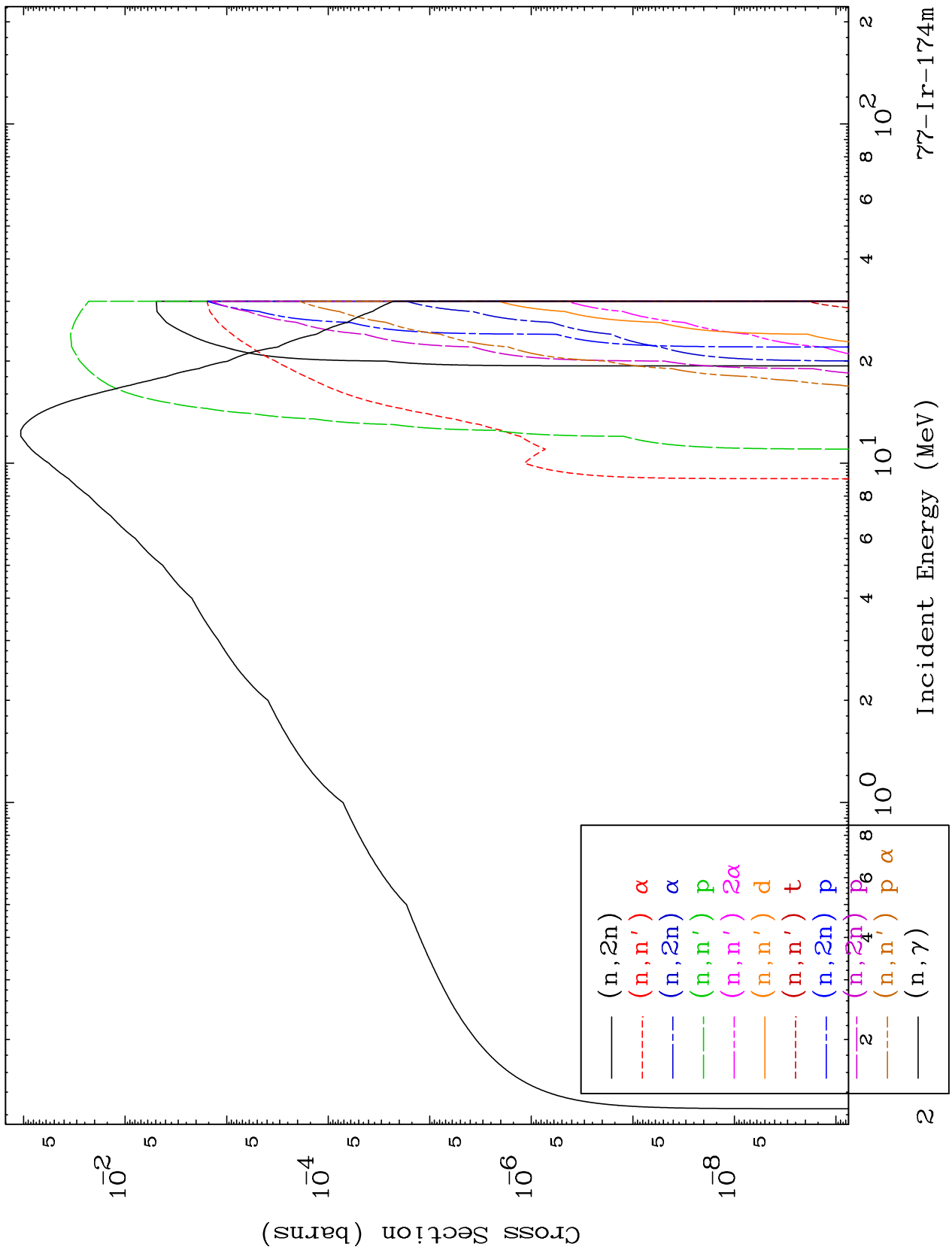
77-Ir-174m



MAT 7675

Photon Neutron Absorption
0 Kelvin Cross Sections

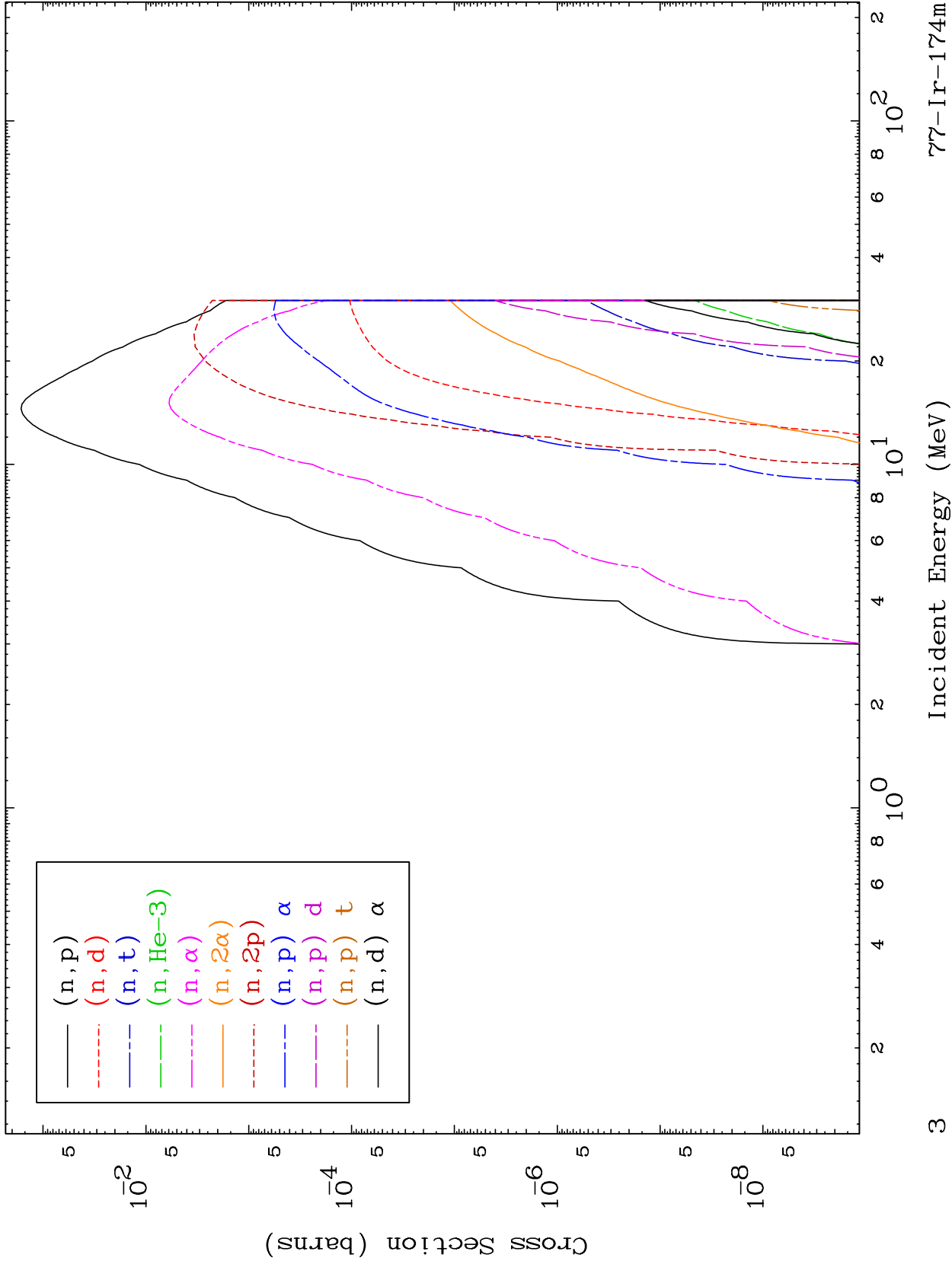
77-Ir-174m



MAT 7675

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-174m



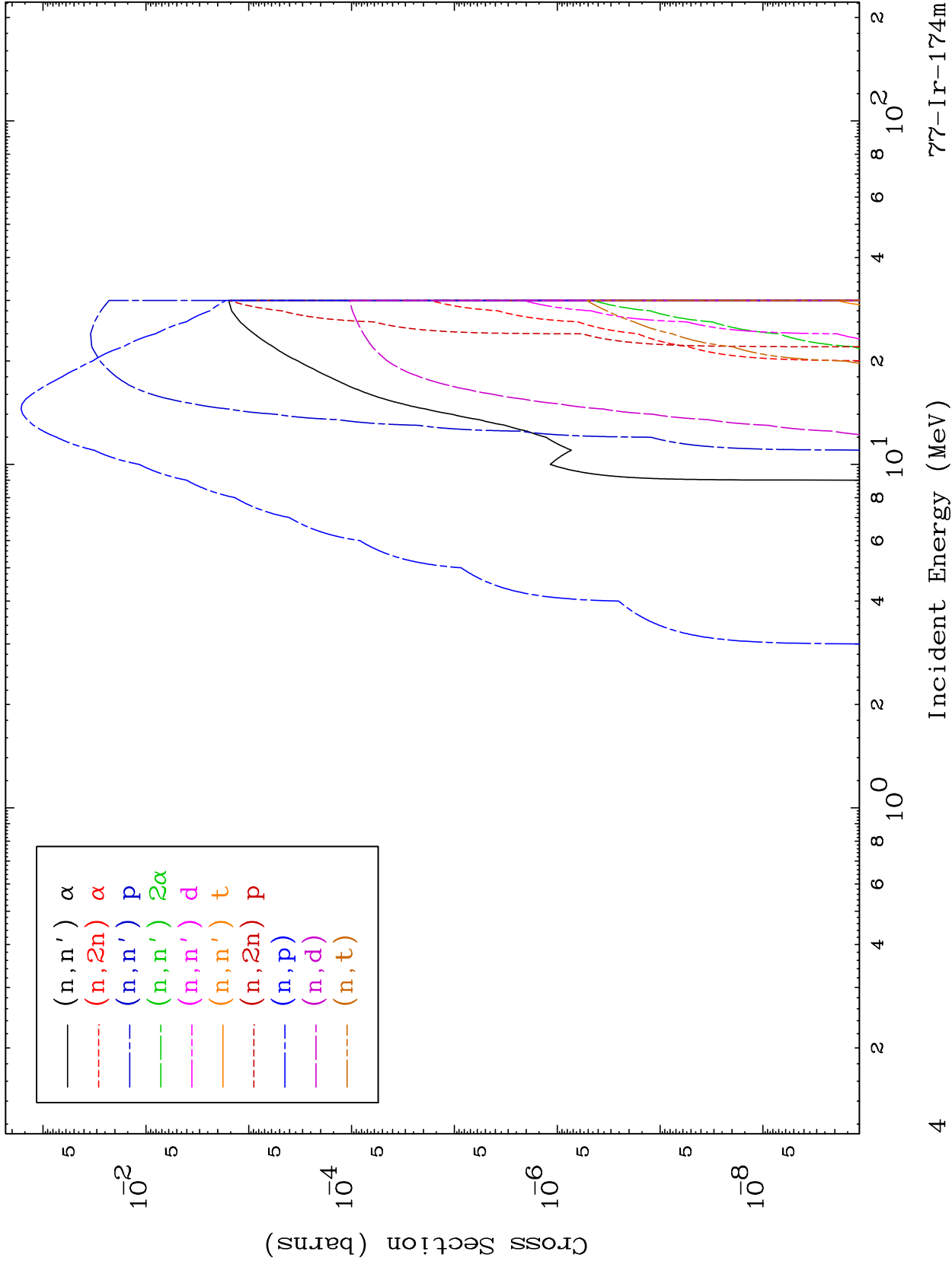
77-Ir-174m

Incident Energy (MeV)

MAT 7675

Photon Charged Particle
0 Kelvin Cross Sections

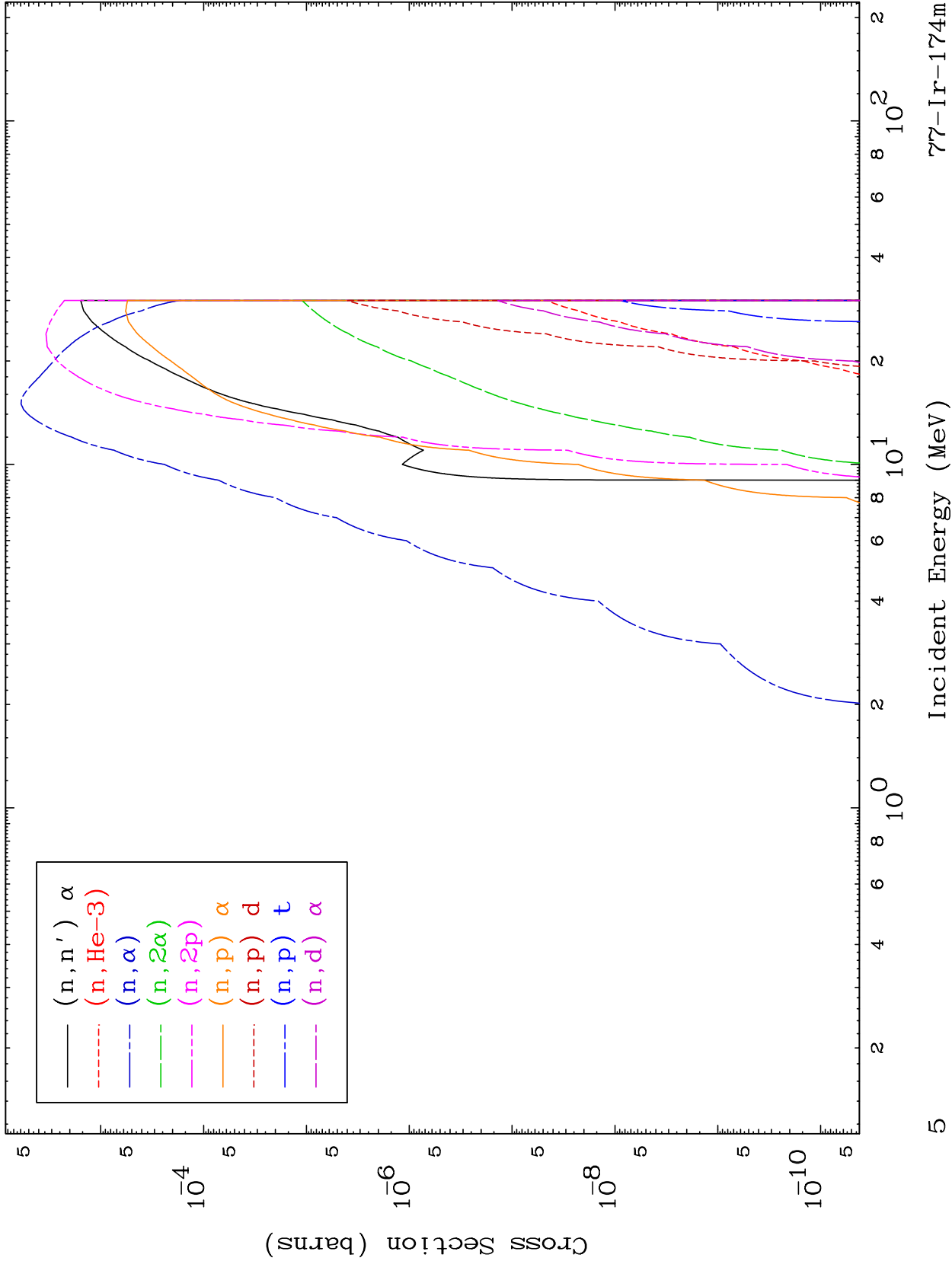
77-Ir-174m



MAT 7675

Photon Charged Particle
0 Kelvin Cross Sections

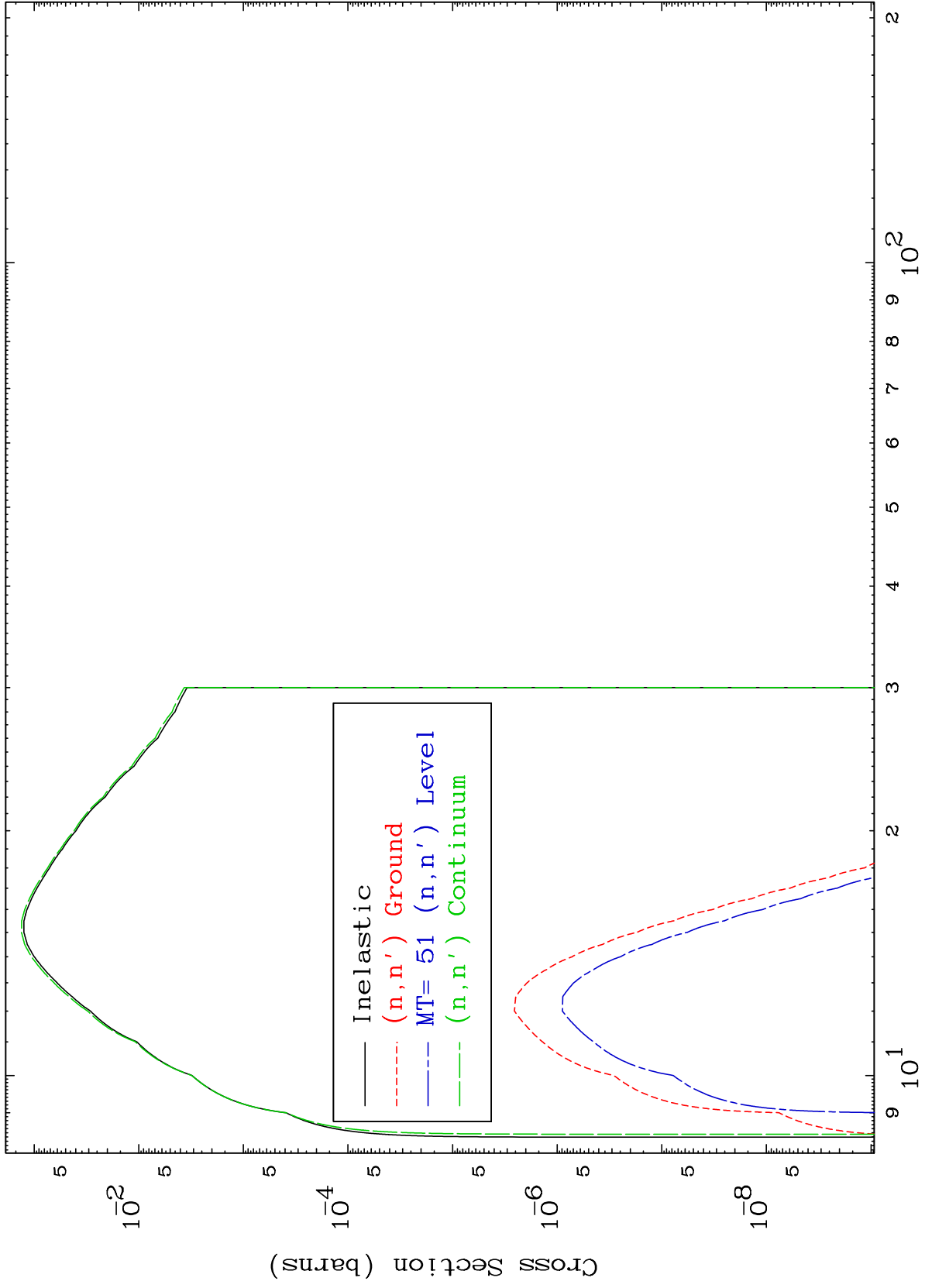
77-Ir-174m



MAT 7675

(γ, n') Levels
0 Kelvin Cross Sections

77-Ir-174m



Incident Energy (MeV)

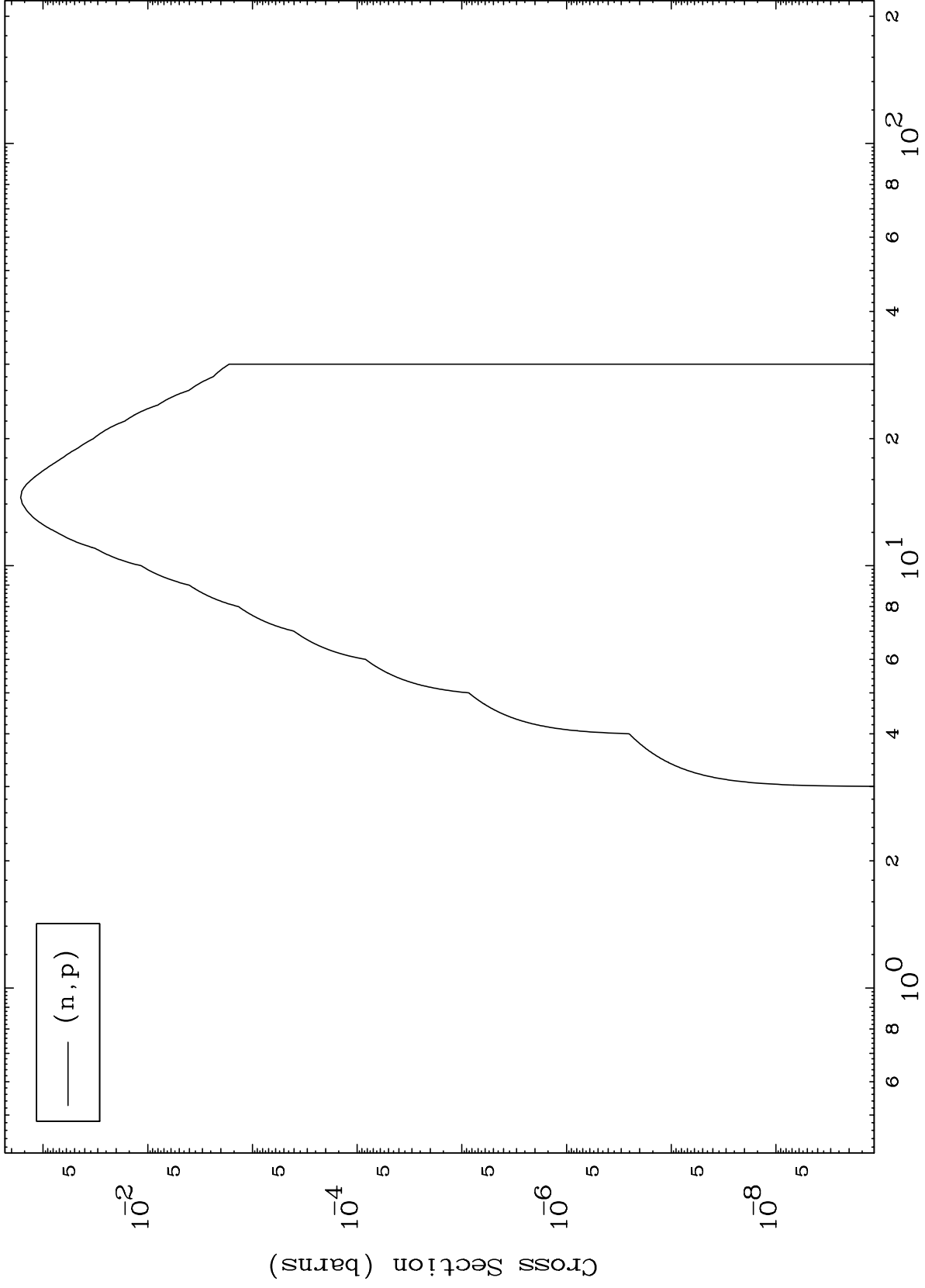
77-Ir-174m

6

MAT 7675

(γ, p) Levels
0 Kelvin Cross Sections

77-Ir-174m



7

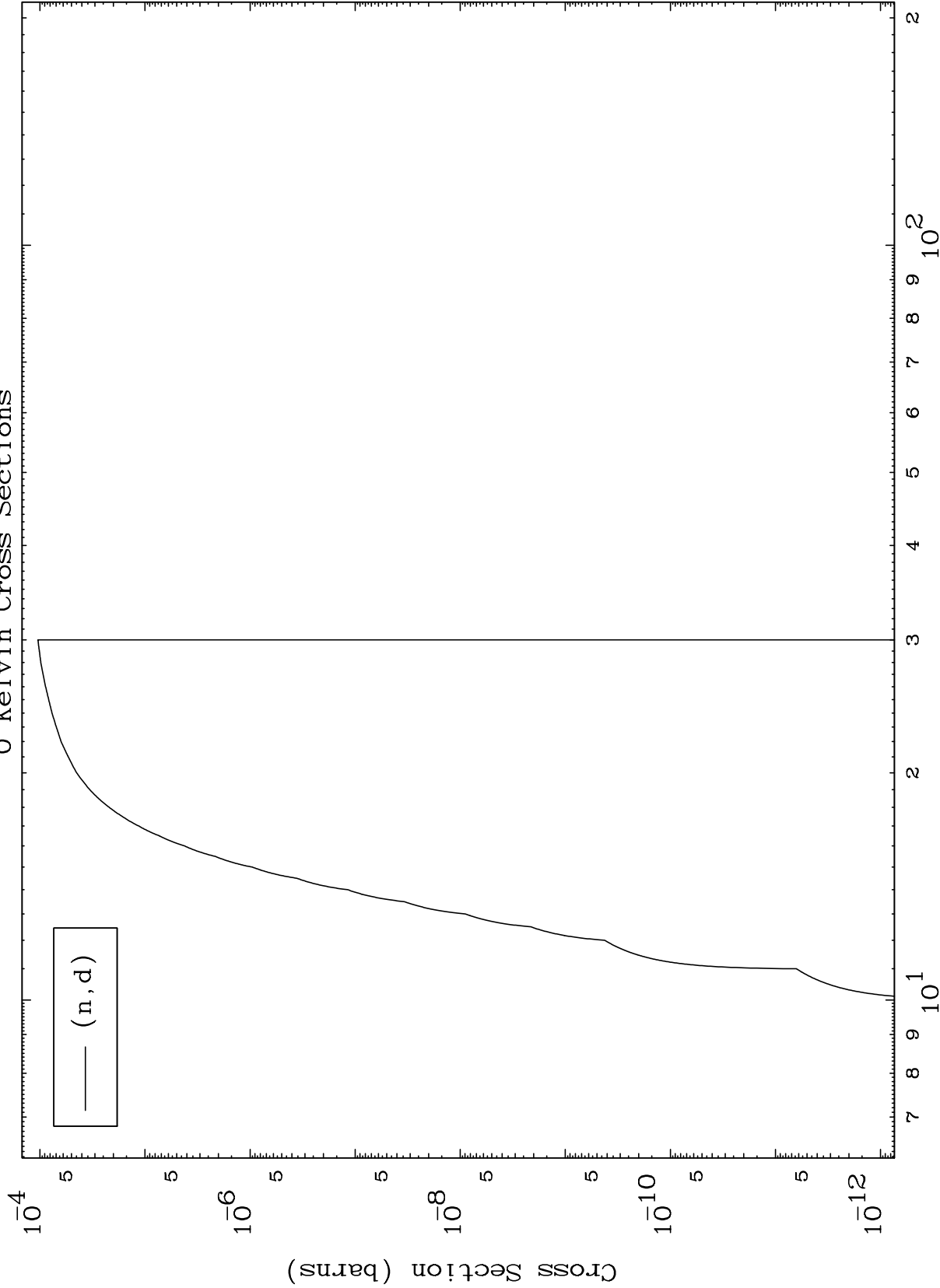
Incident Energy (MeV)

77-Ir-174m

MAT 7675

(γ, d) Levels
0 Kelvin Cross Sections

77-Ir-174m



(n, d)

8

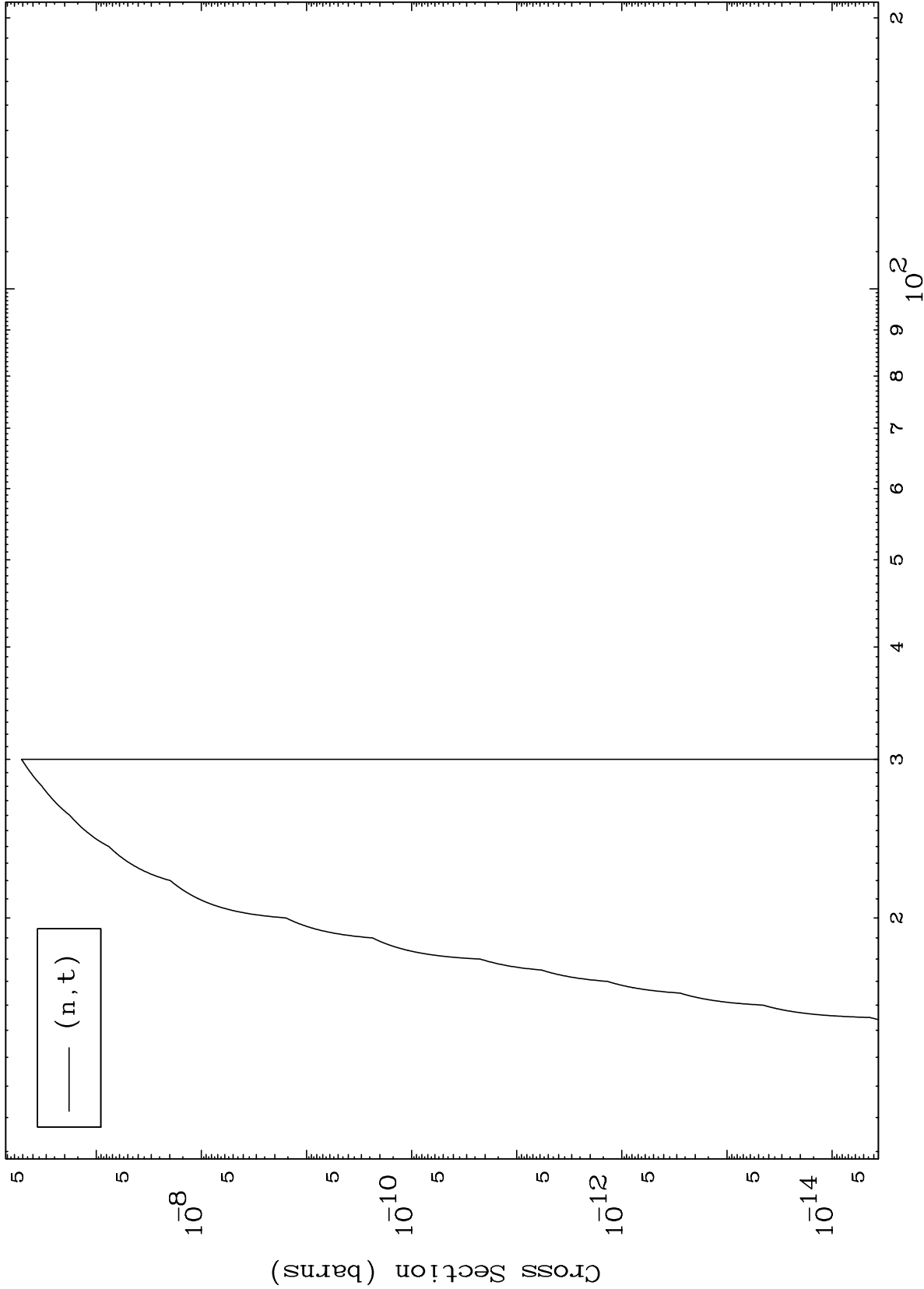
Incident Energy (MeV)

77-Ir-174m

MAT 7675

(γ, t) Levels
0 Kelvin Cross Sections

77-Ir-174m



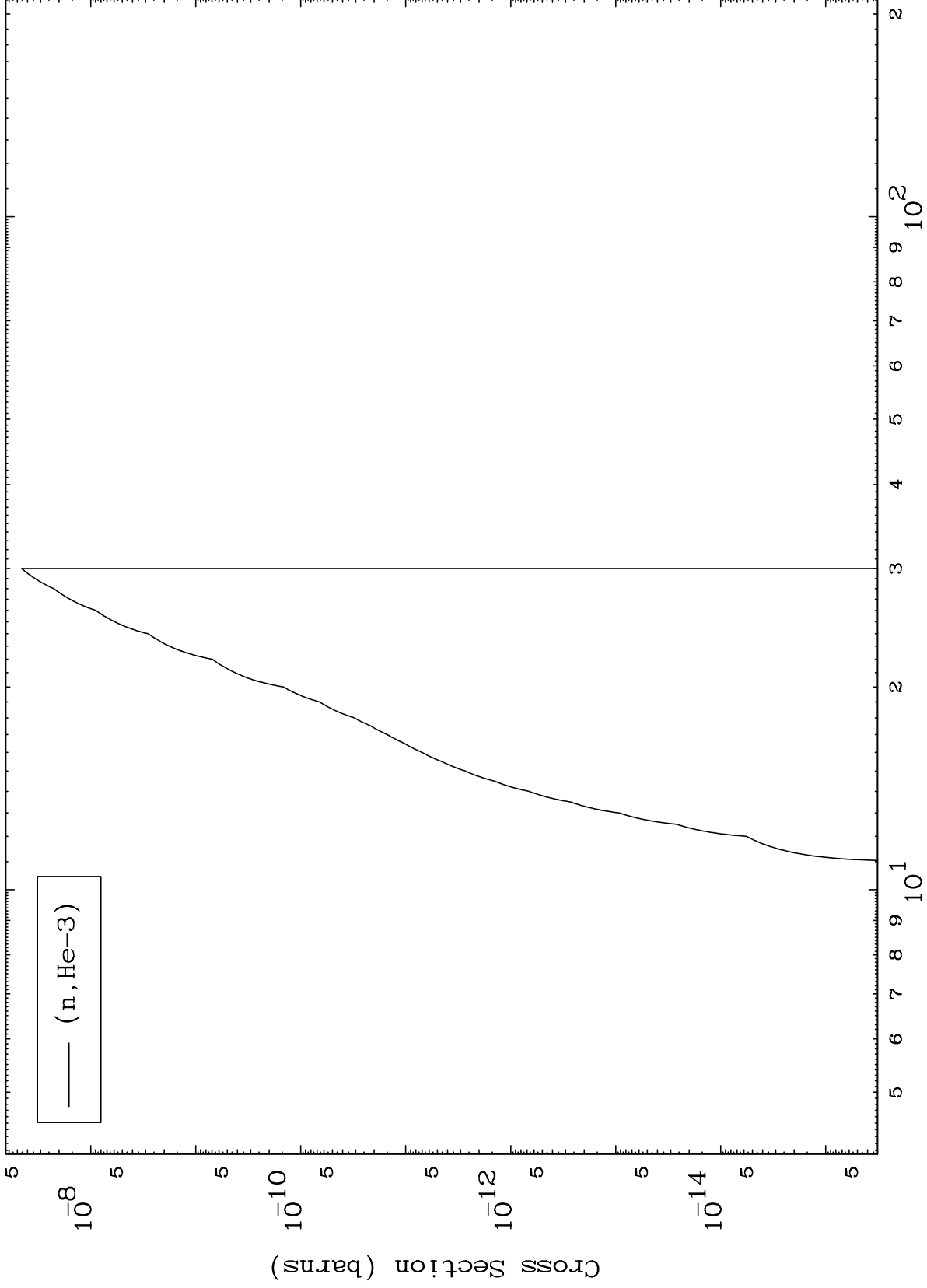
Incident Energy (MeV)

77-Ir-174m

MAT 7675

(γ , He3) Levels
0 Kelvin Cross Sections

77-Ir-174m



10

Incident Energy (MeV)

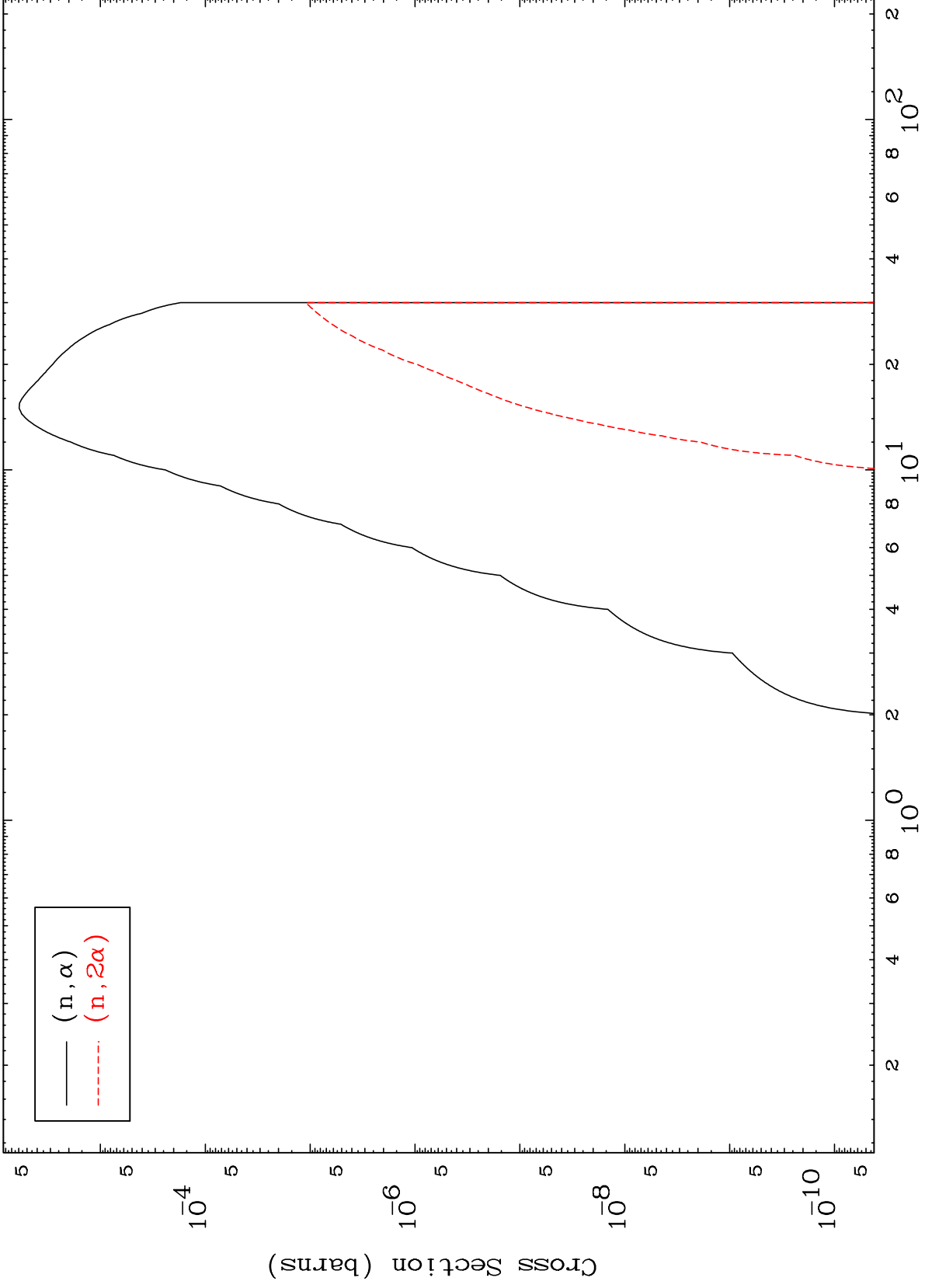
77-Ir-174m

MAT 7675

(γ, α) Levels

77-Ir-174m

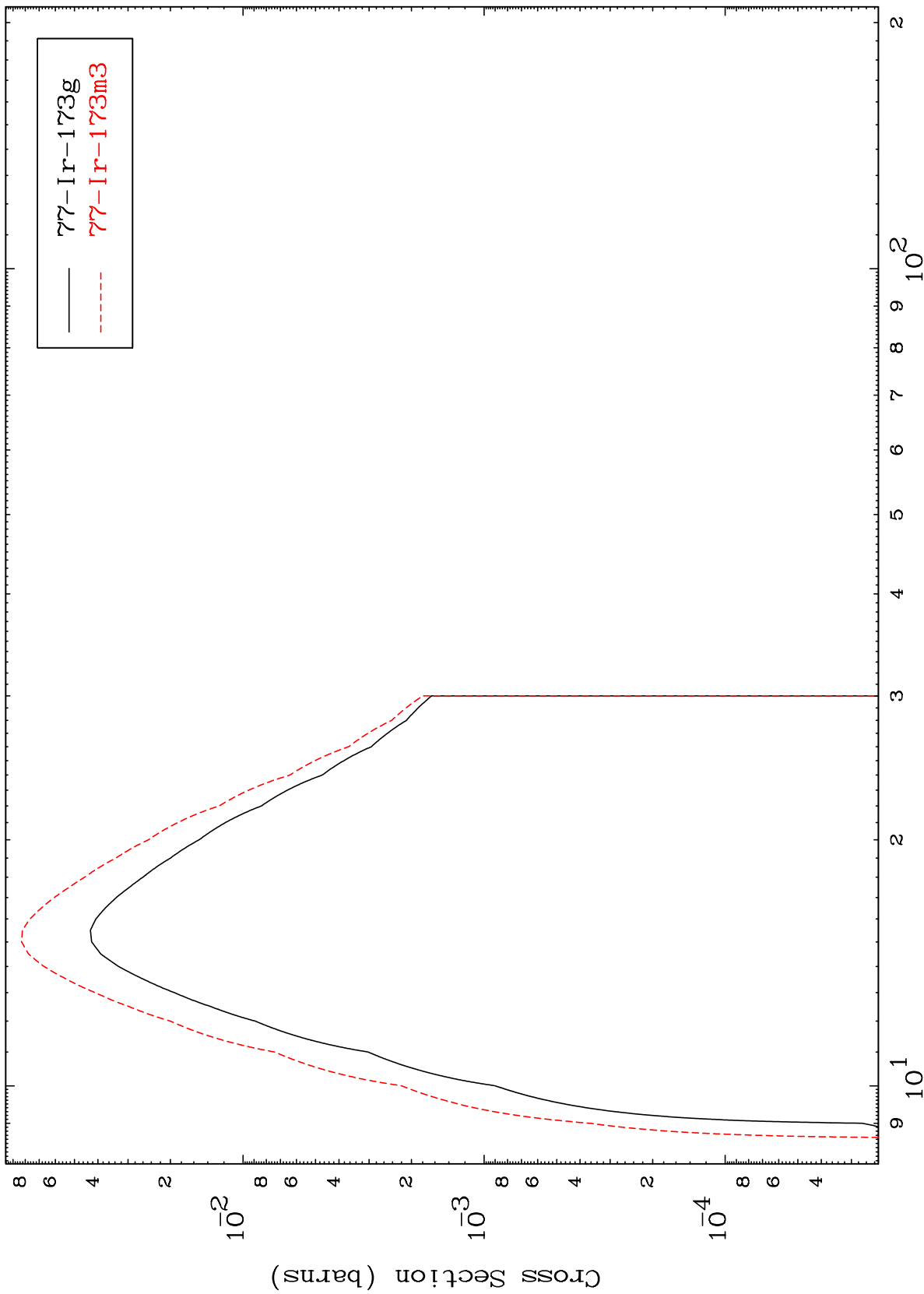
0 Kelvin Cross Sections



MAT 7675

⁷⁷Ir-174m

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

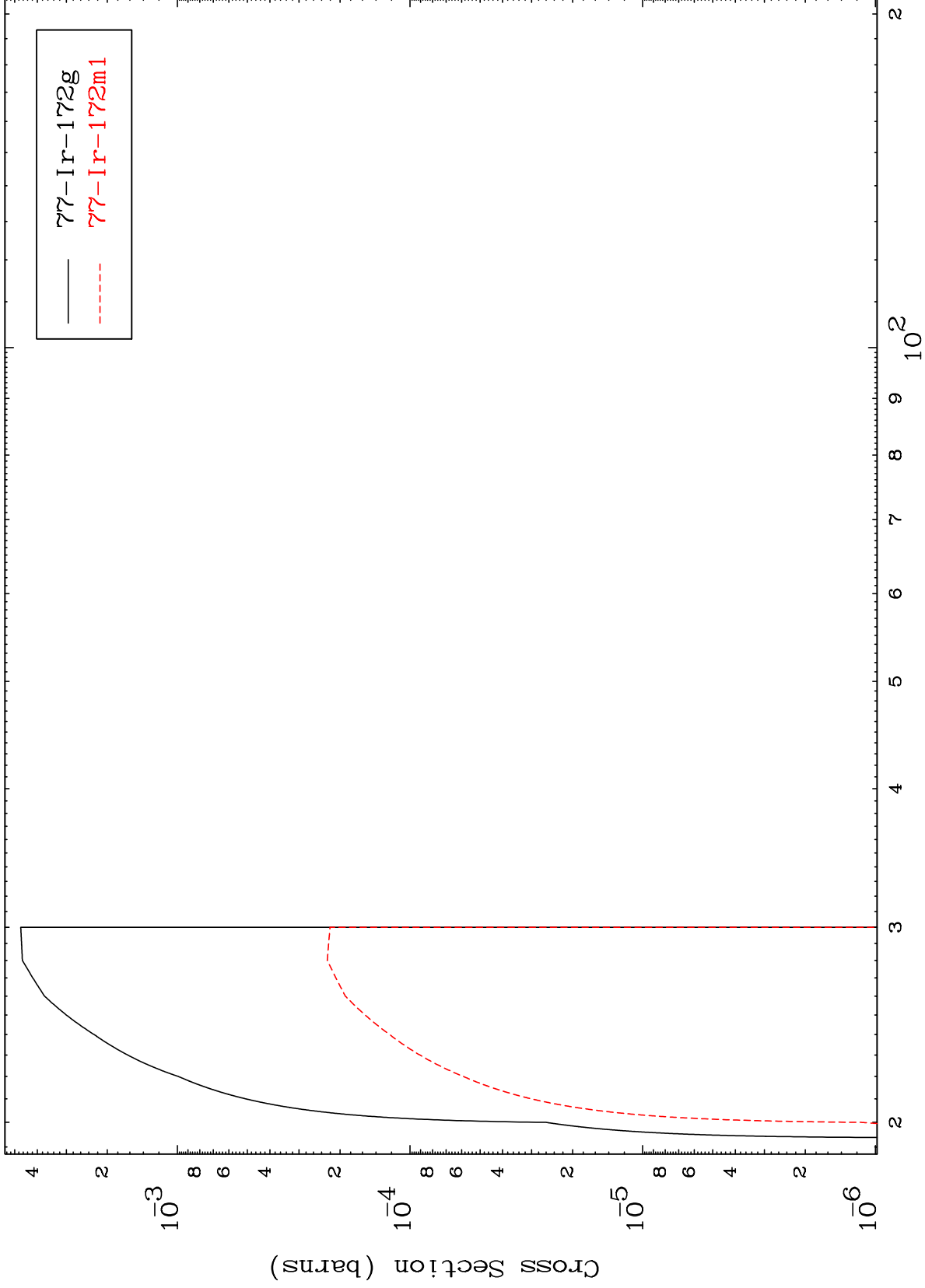
⁷⁷Ir-174m

MAT 7675

(n,2n)

⁷⁷Ir-174m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

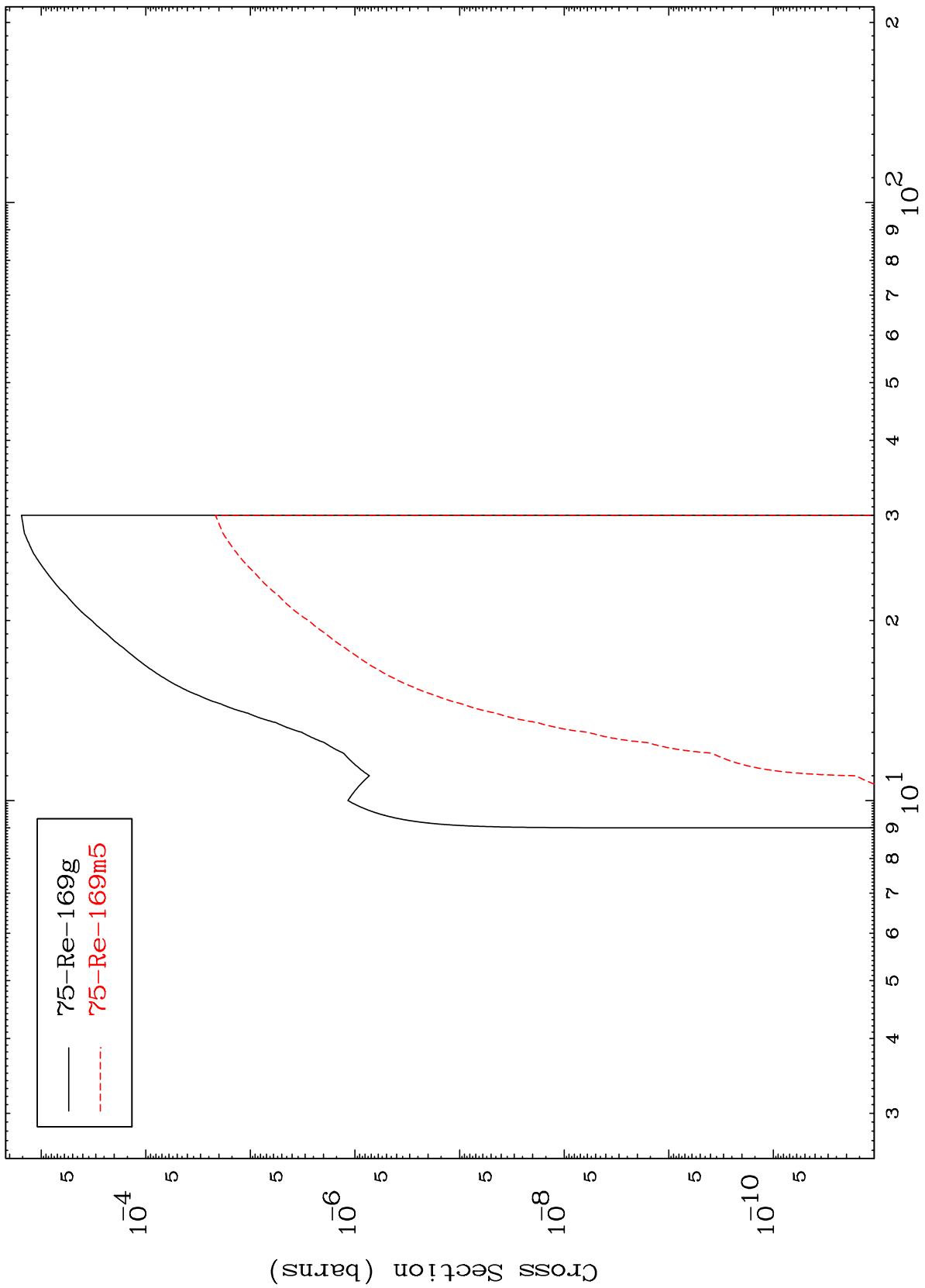
⁷⁷Ir-174m

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(n,n') α

77-Ir-174m

Radionuclide Production Cross Section



14

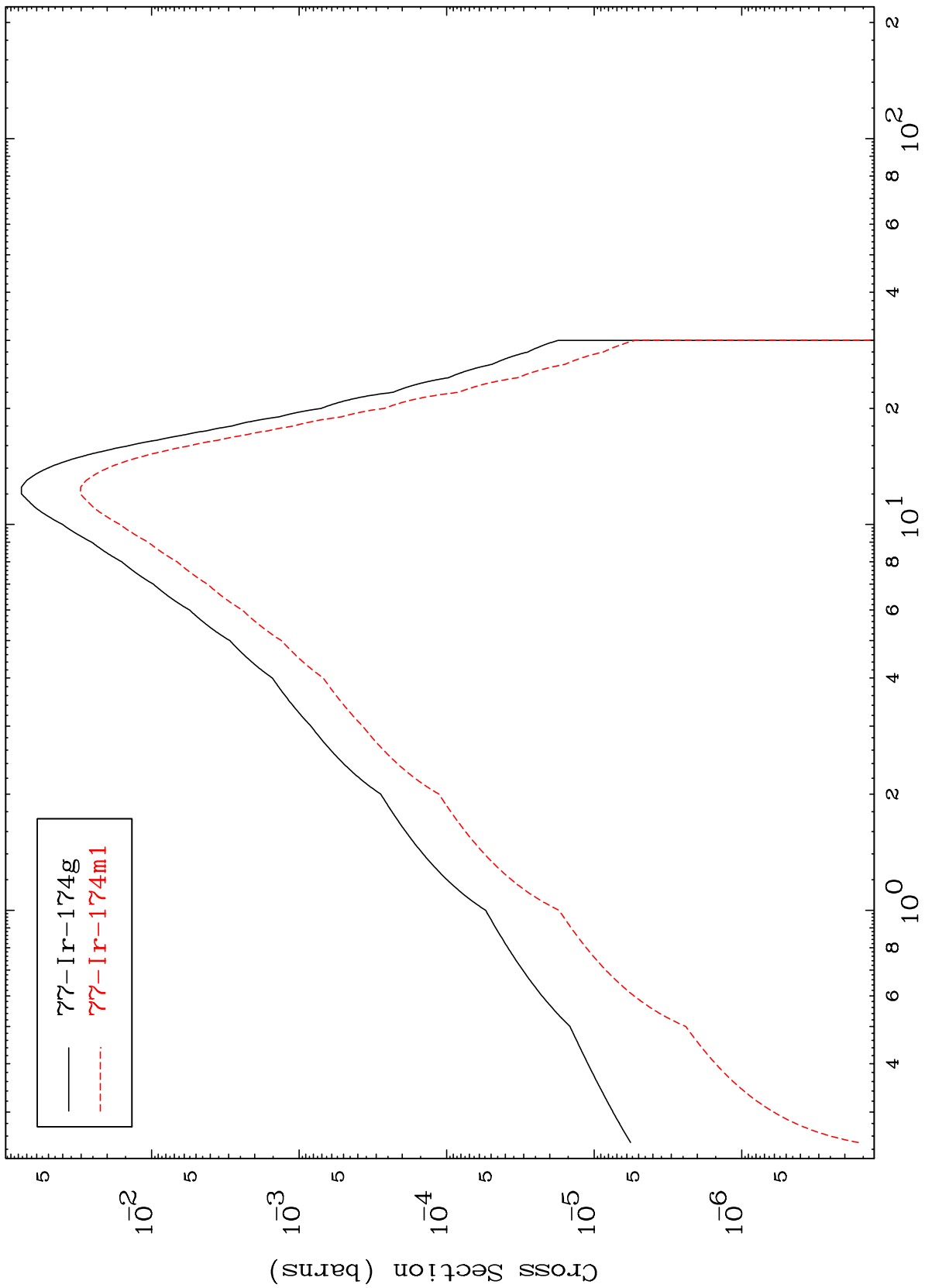
Incident Energy (MeV)

77-Ir-174m

MAT 7675

(n, γ)
Radionuclide Production Cross Section

$^{77}\text{Ir}-174\text{m}$



— $^{77}\text{Ir}-174\text{g}$
- - - $^{77}\text{Ir}-174\text{m1}$

15

Incident Energy (MeV)

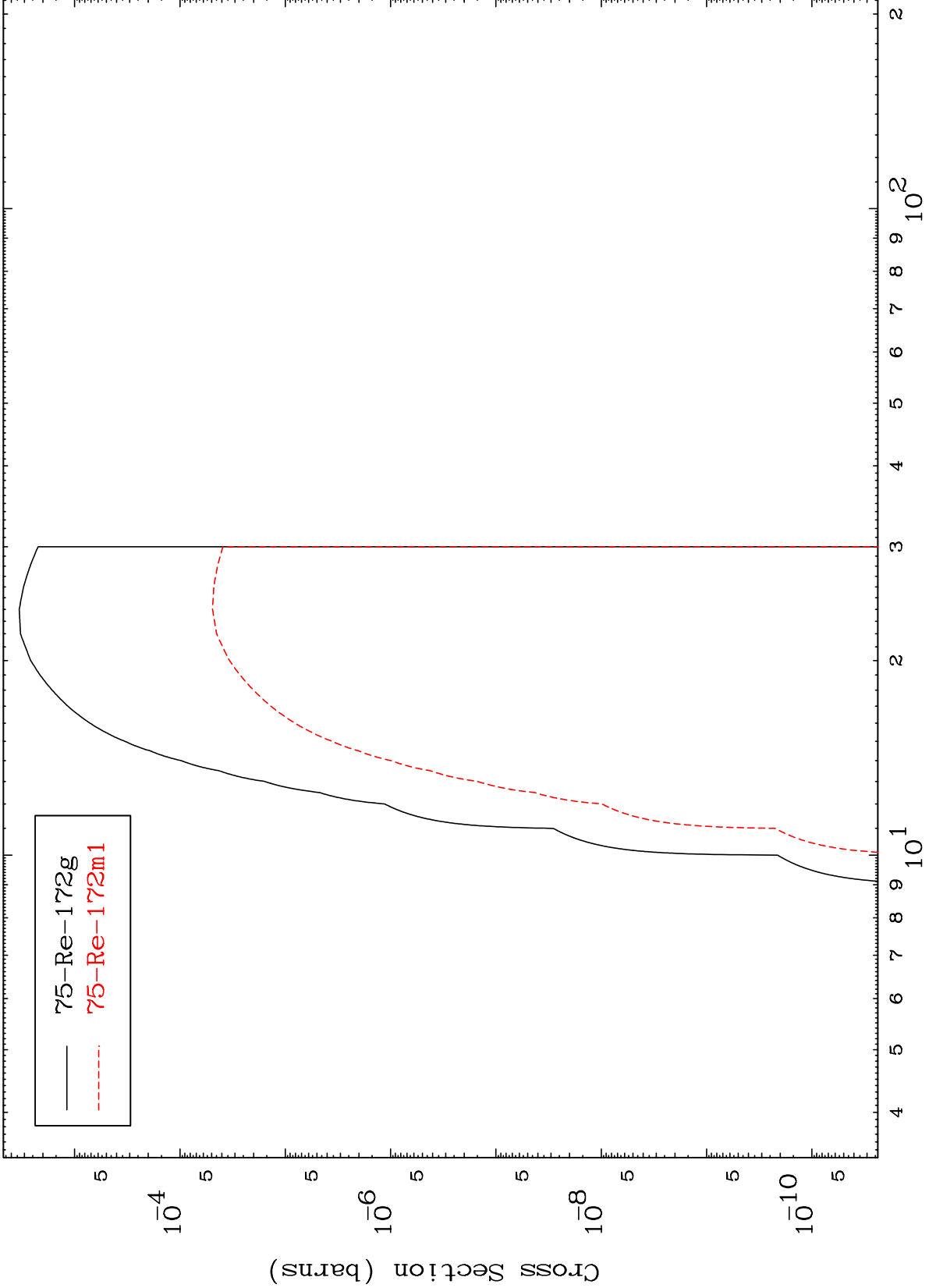
$^{77}\text{Ir}-174\text{m}$

MAT 7675

(n,2p)

⁷⁷Ir-174m

Radionuclide Production Cross Section



— 75-Re-172g
- - - 75-Re-172m1

16

Incident Energy (MeV)

⁷⁷Ir-174m