

Program EVALPLOT
(Version 2018-1)

by

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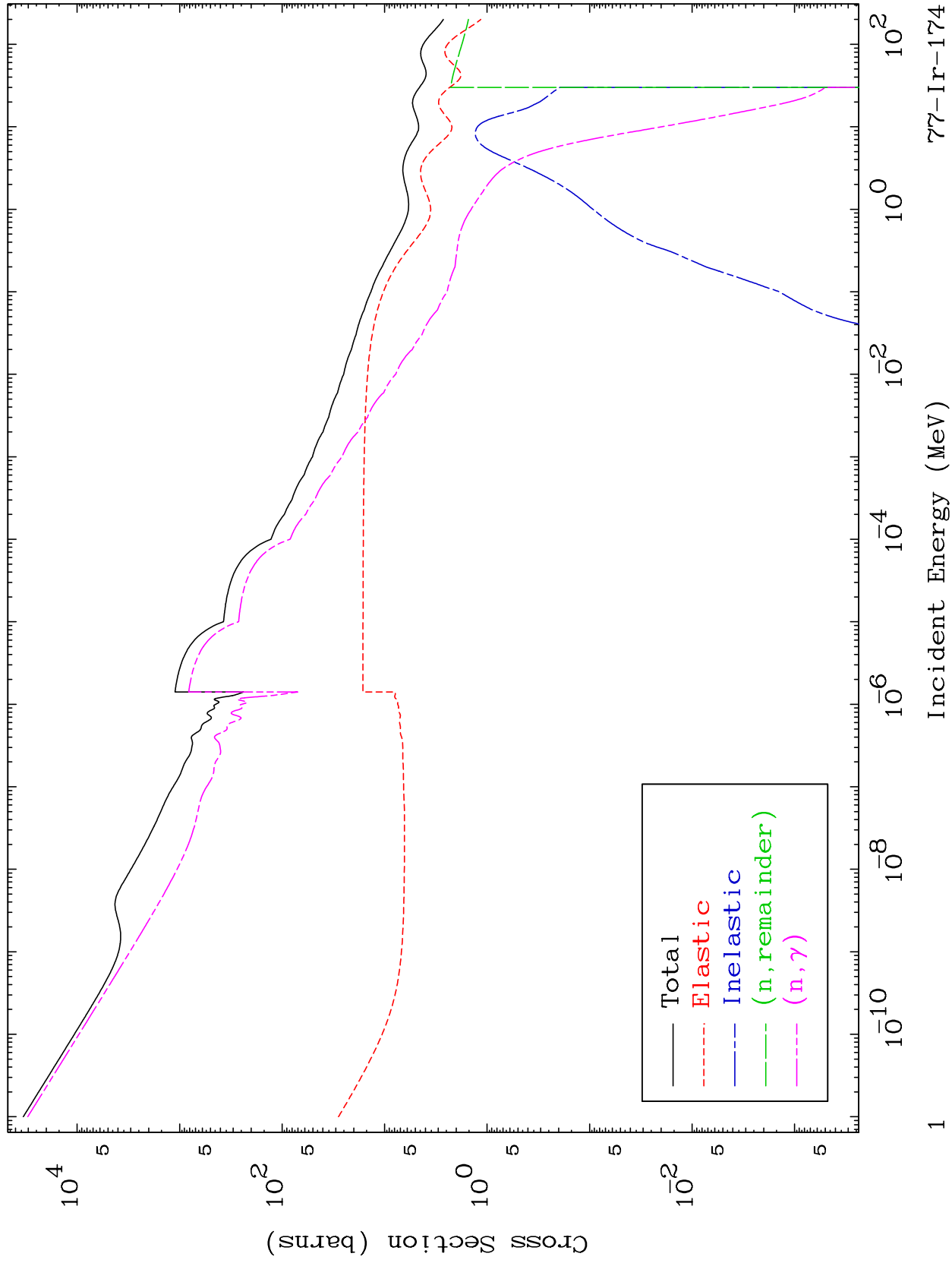
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7675

Major
293 Kelvin Cross Sections

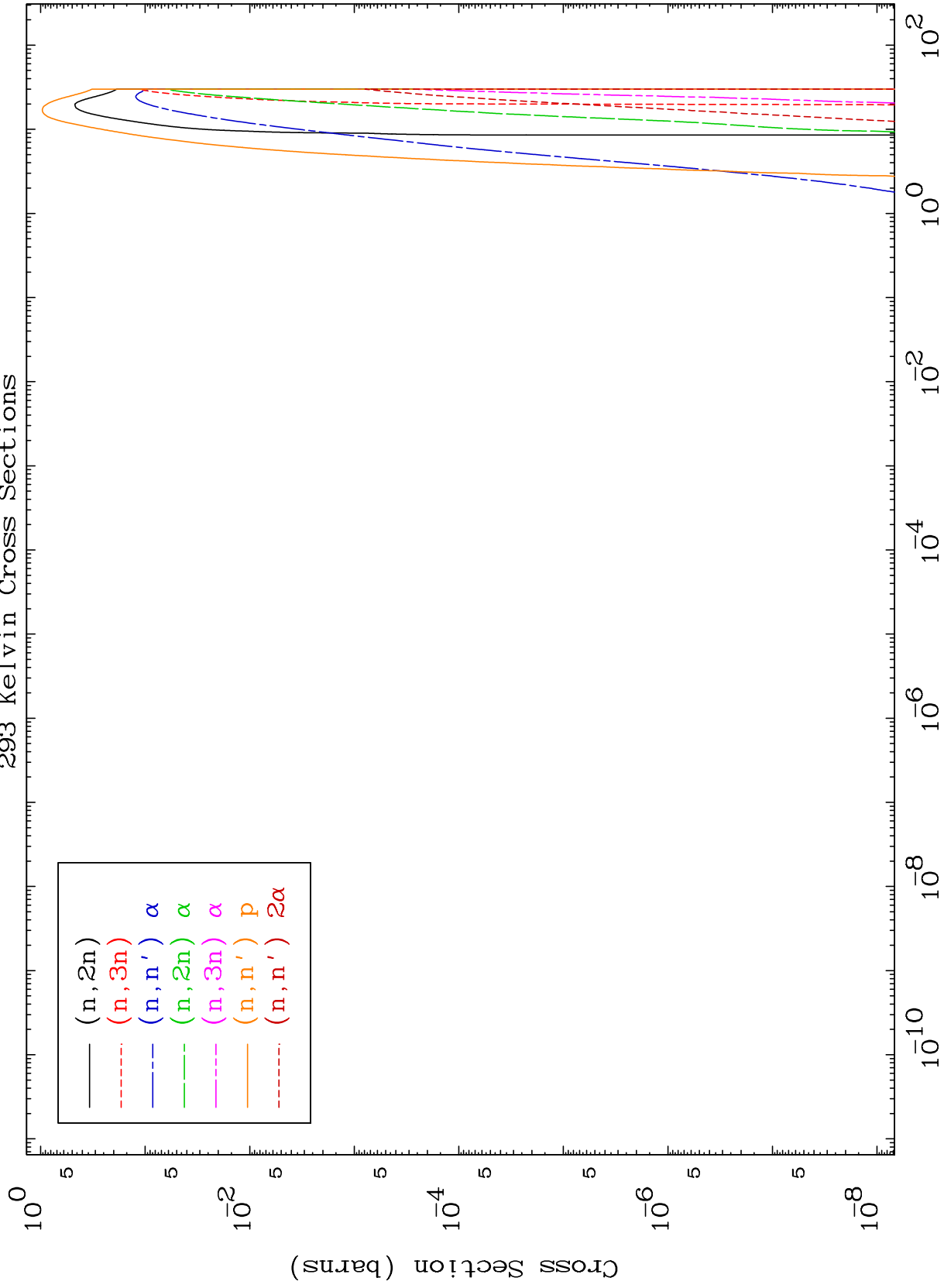
77-Ir-174



MAT 7675

Neutron Production
293 Kelvin Cross Sections

77-Ir-174



2

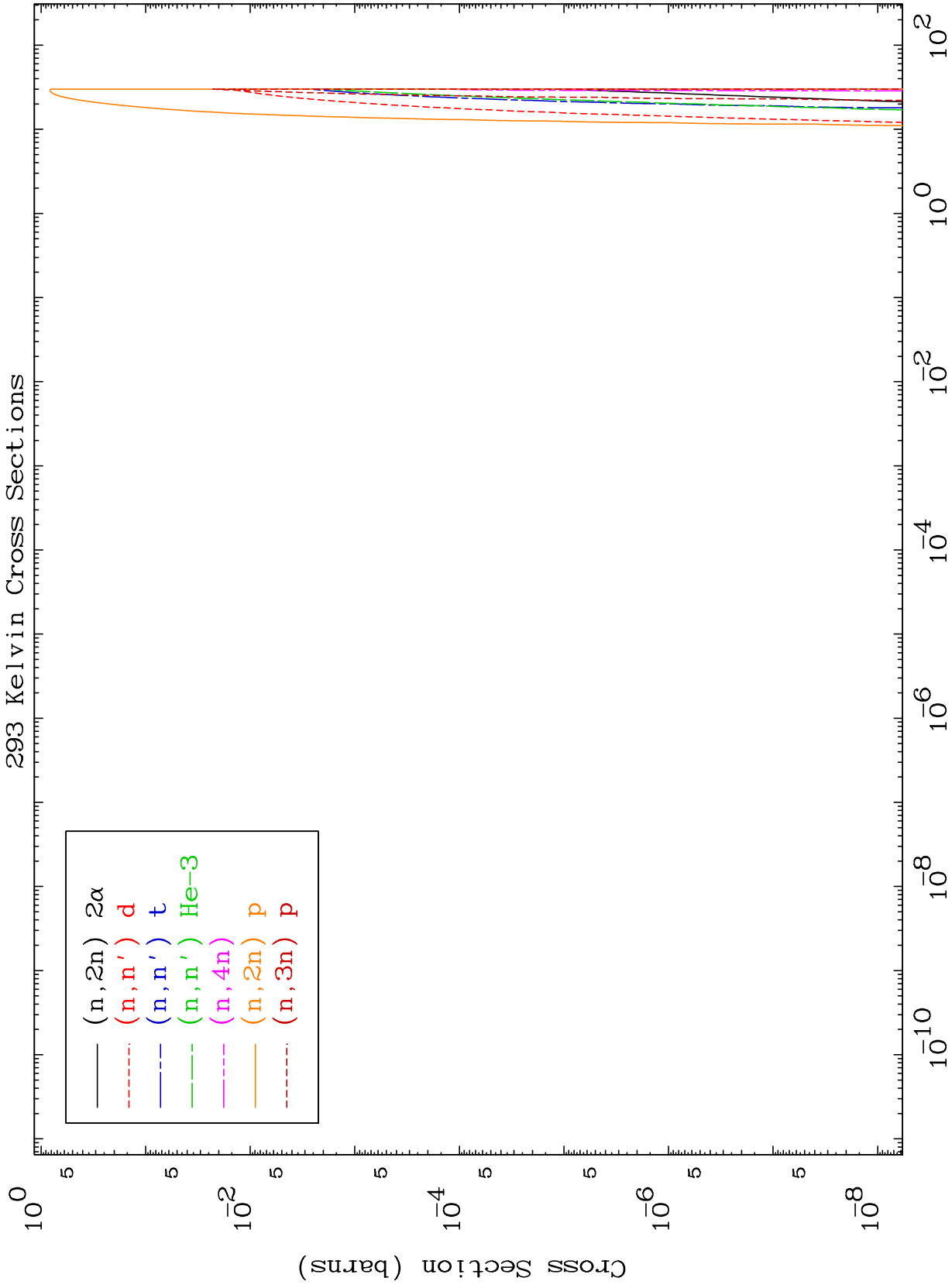
Incident Energy (MeV)

77-Ir-174

MAT 7675

Neutron Production
293 Kelvin Cross Sections

77-Ir-174



3

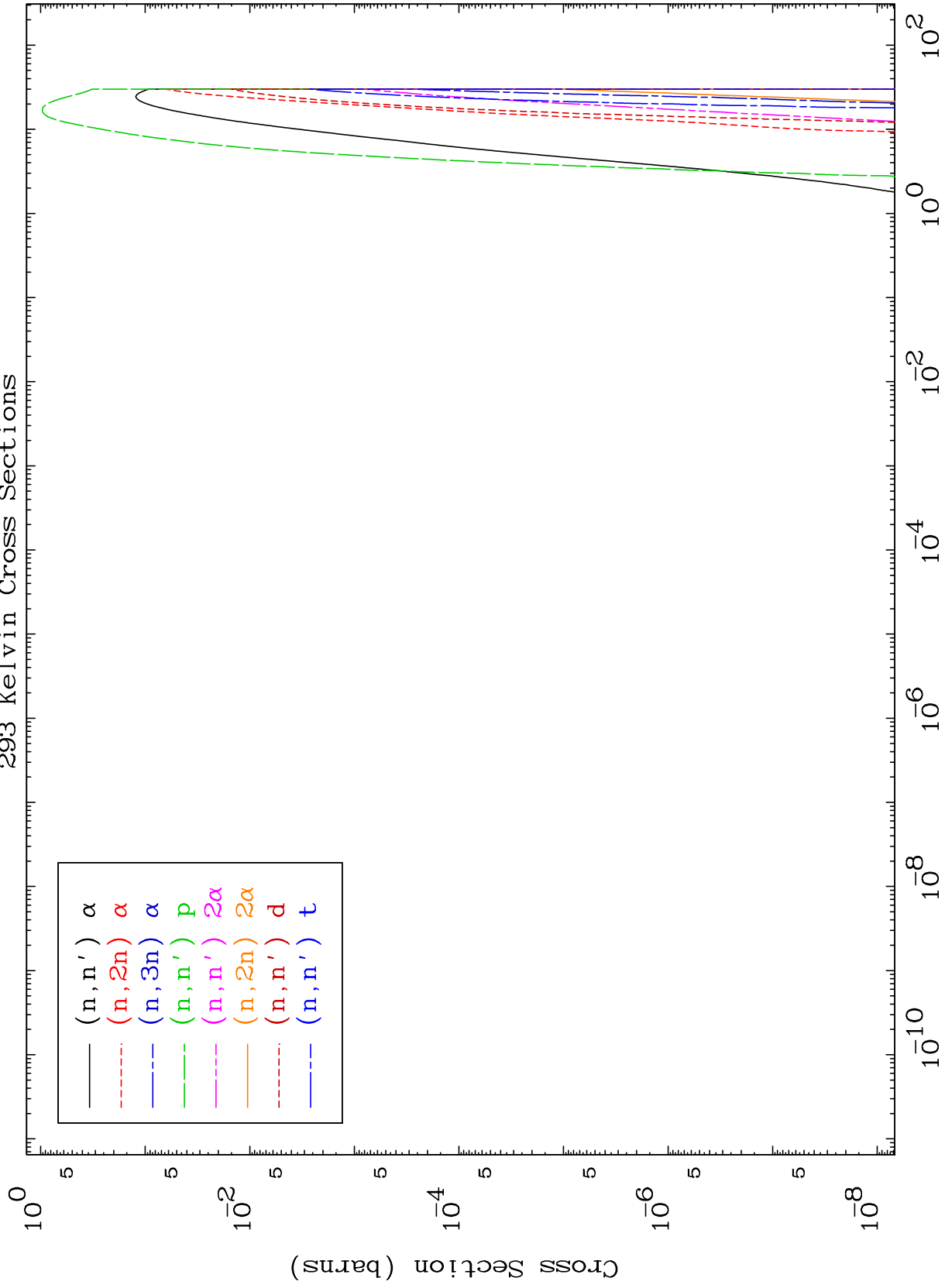
Incident Energy (MeV)

77-Ir-174

MAT 7675

293 Kelvin Cross Sections

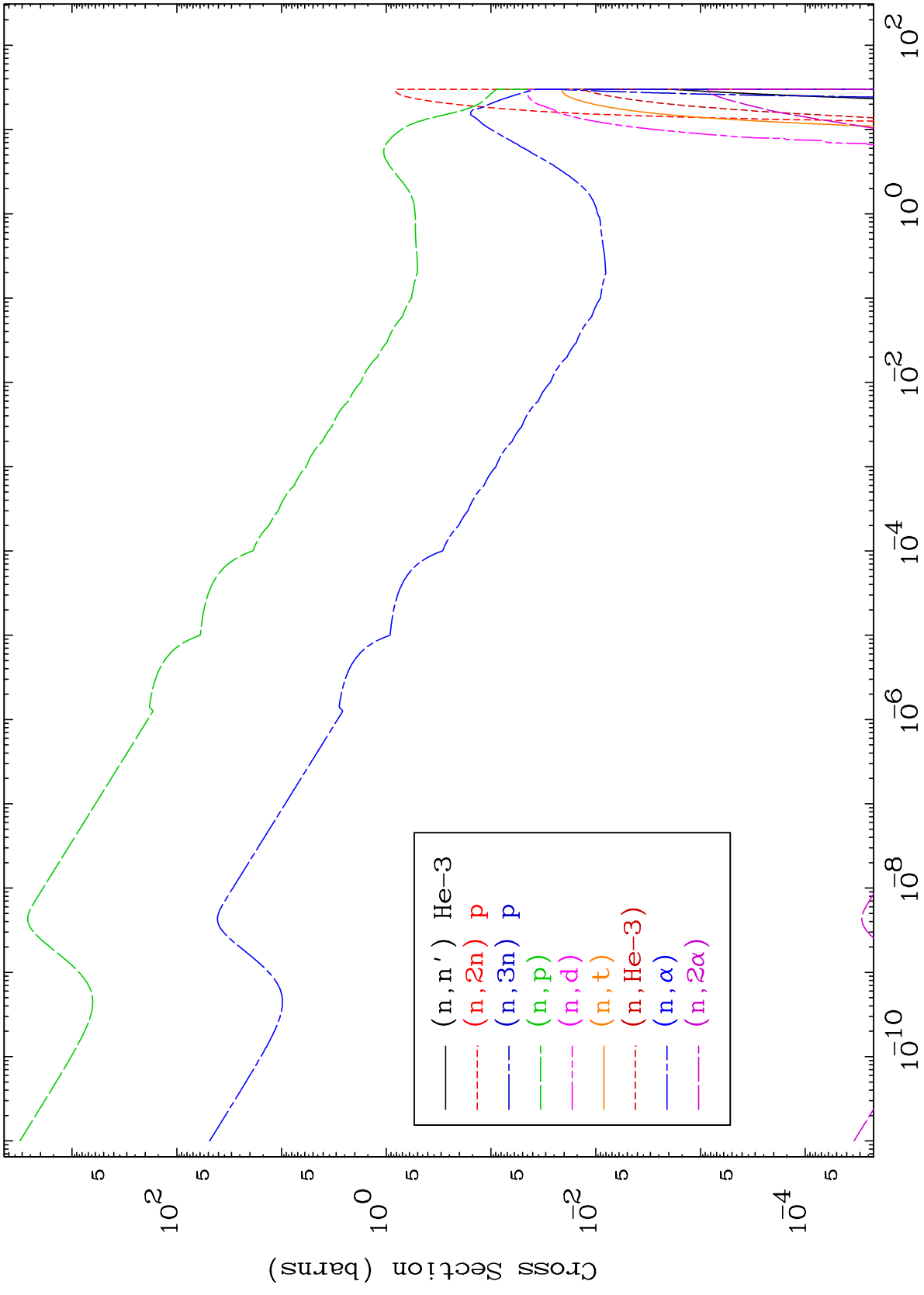
77-Ir-174



MAT 7675

293 Kelvin Cross Sections

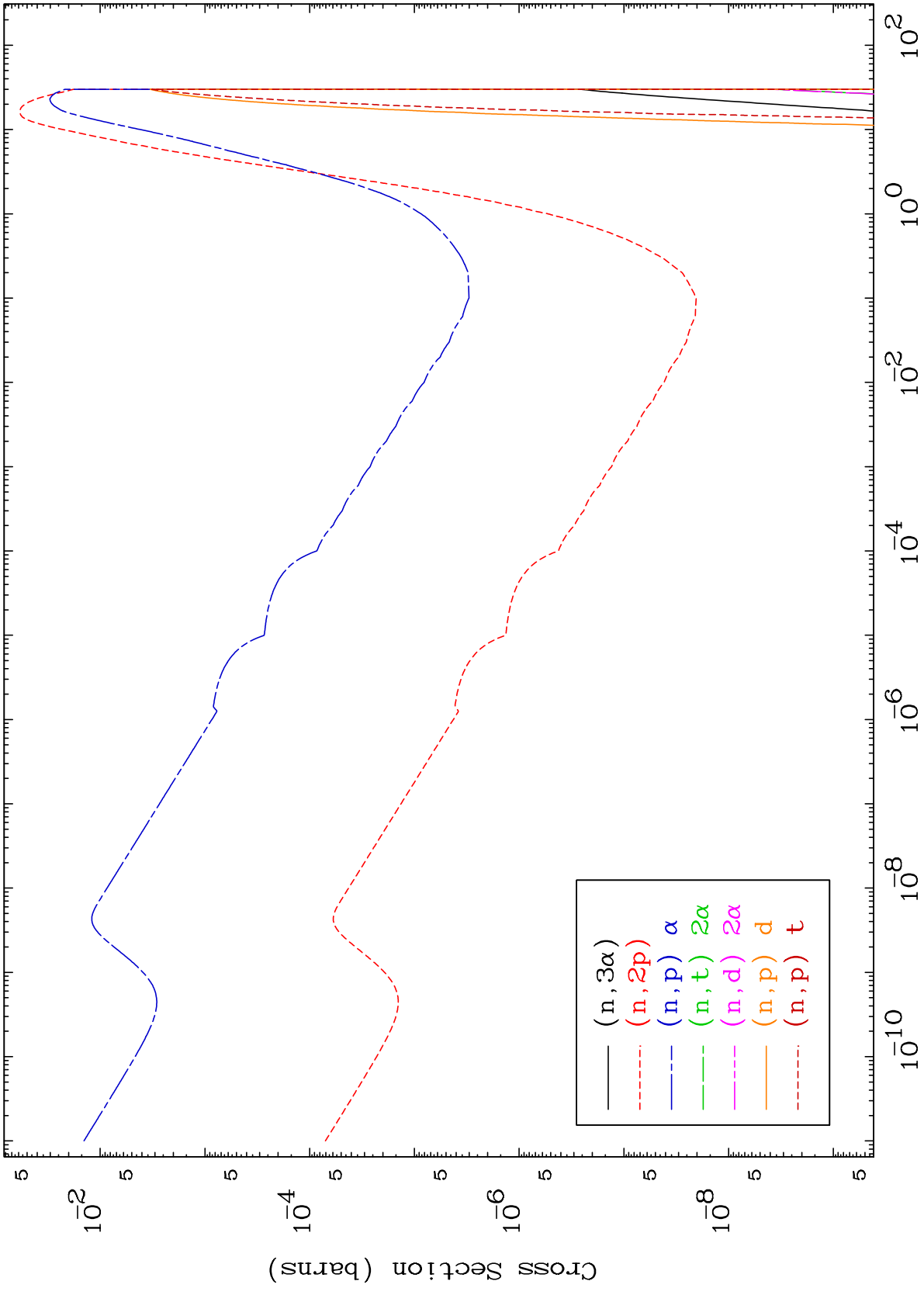
77-Ir-174



MAT 7675

293 Kelvin Cross Sections

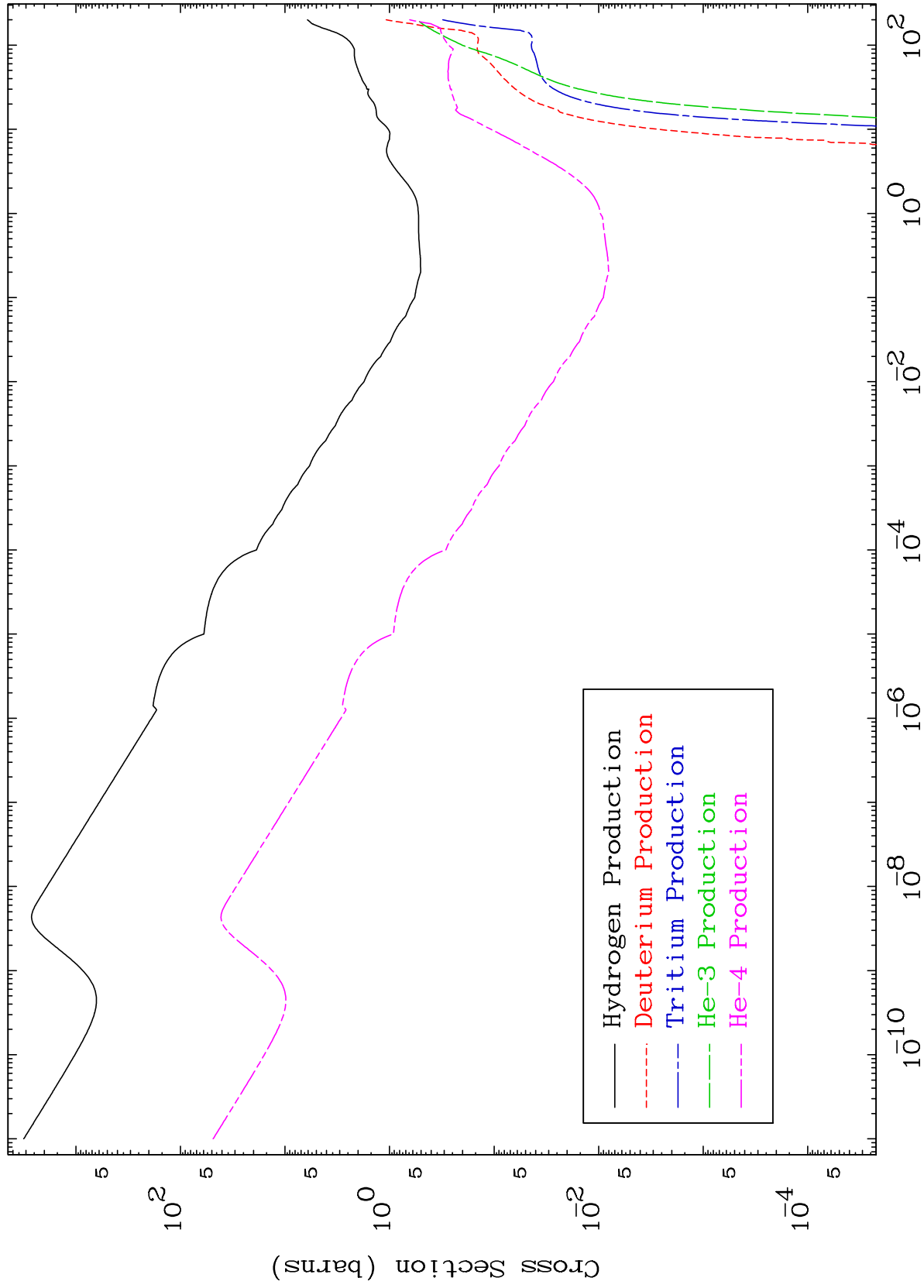
77-Ir-174



MAT 7675

Particle Production
293 Kelvin Cross Sections

77-Ir-174



7

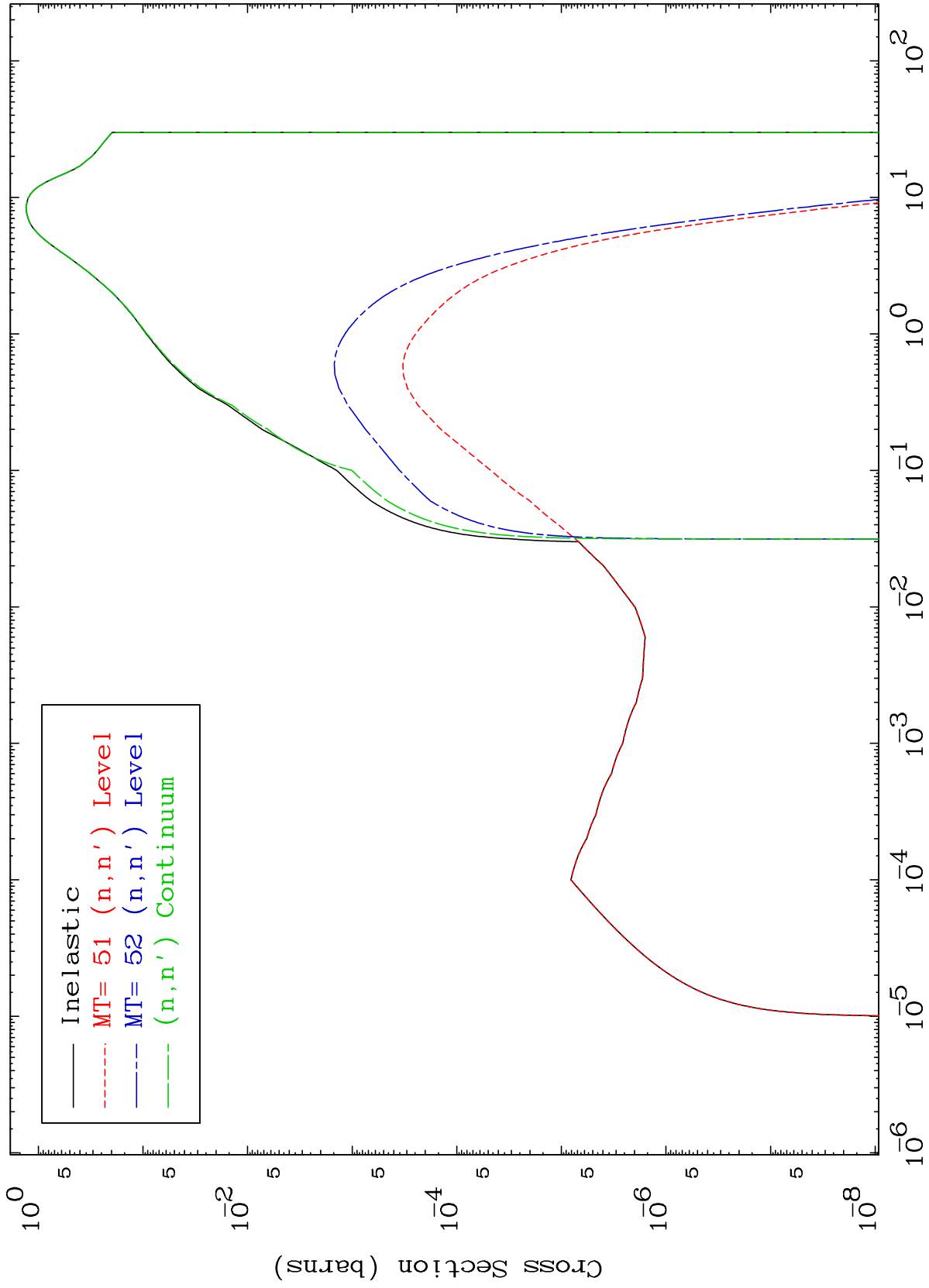
Incident Energy (MeV)

77-Ir-174

MAT 7675

293 Kelvin Cross Sections
(n,n') Level

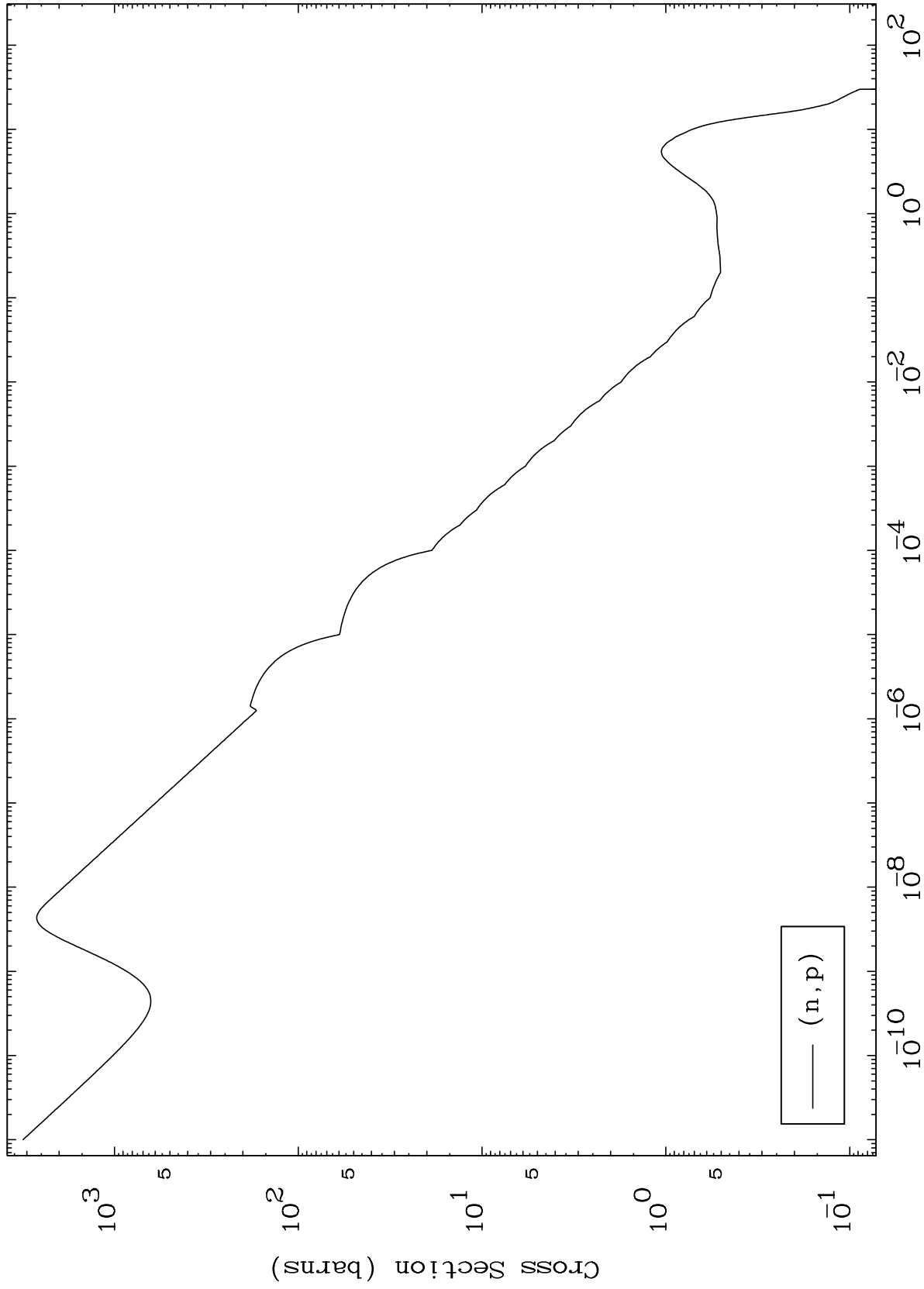
77-Ir-174



MAT 7675

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-174

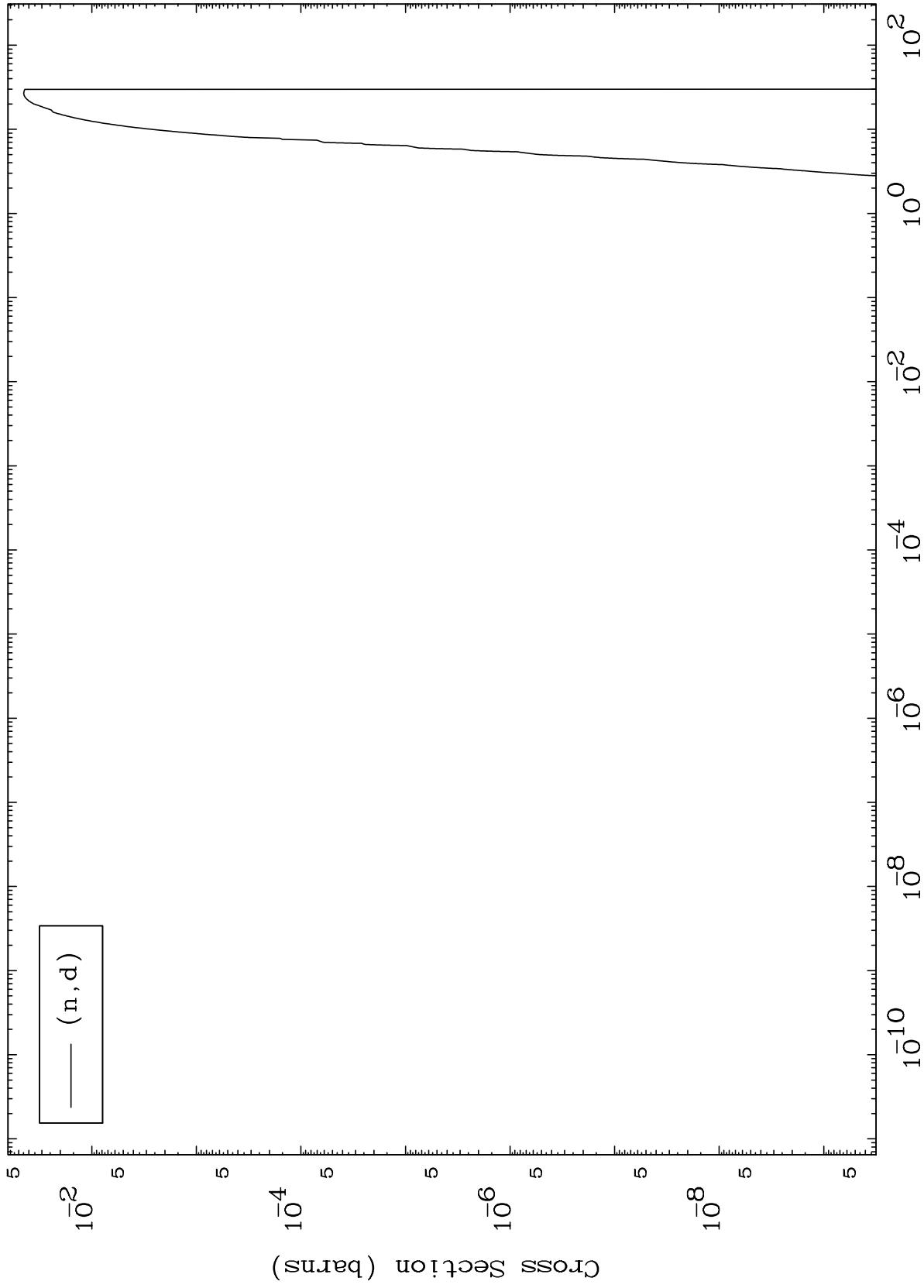


(n,p)

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(n,d) Levels
293 Kelvin Cross Sections

77-Ir-174



10

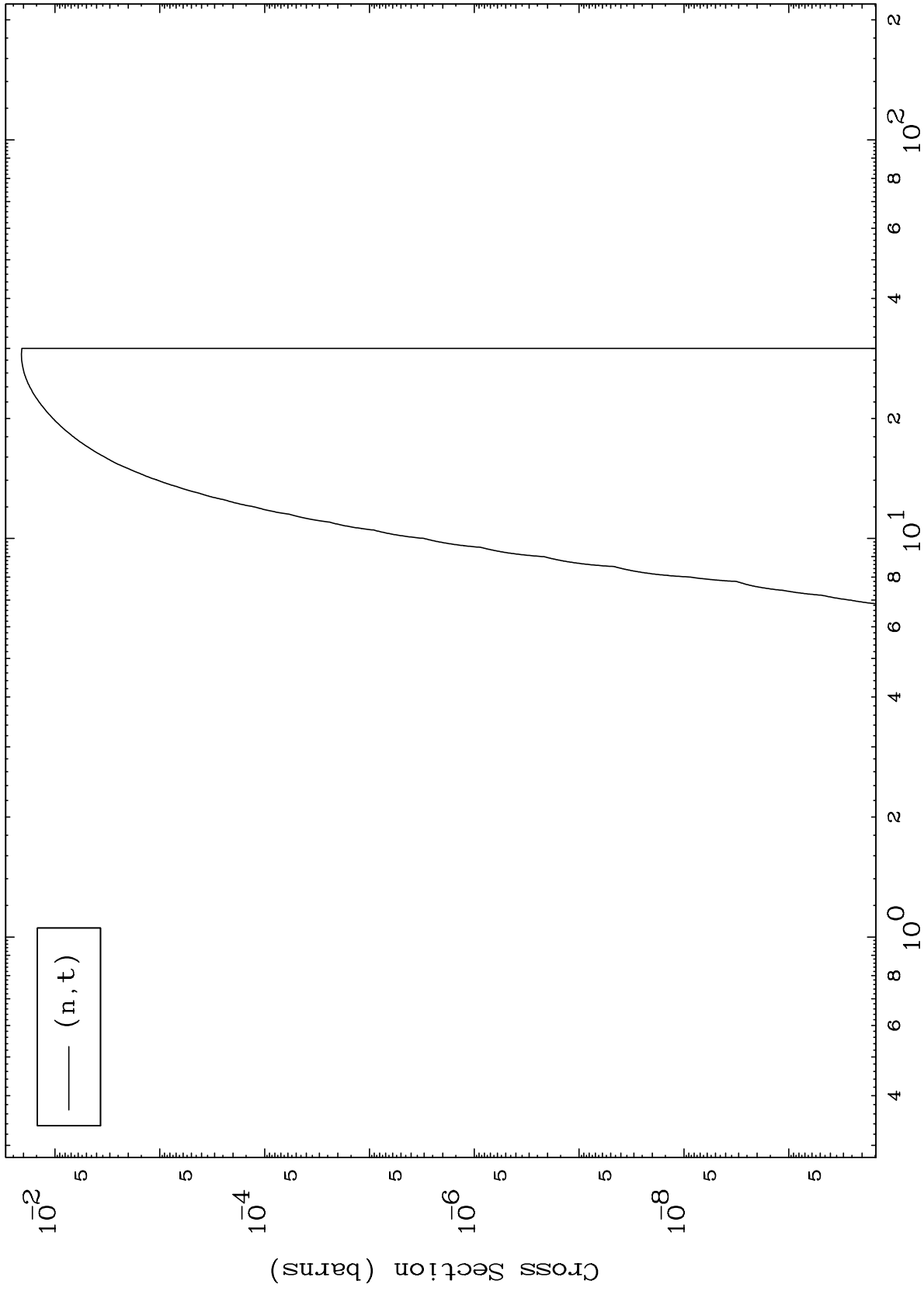
Incident Energy (MeV)

77-Ir-174

MAT 7675

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-174



11

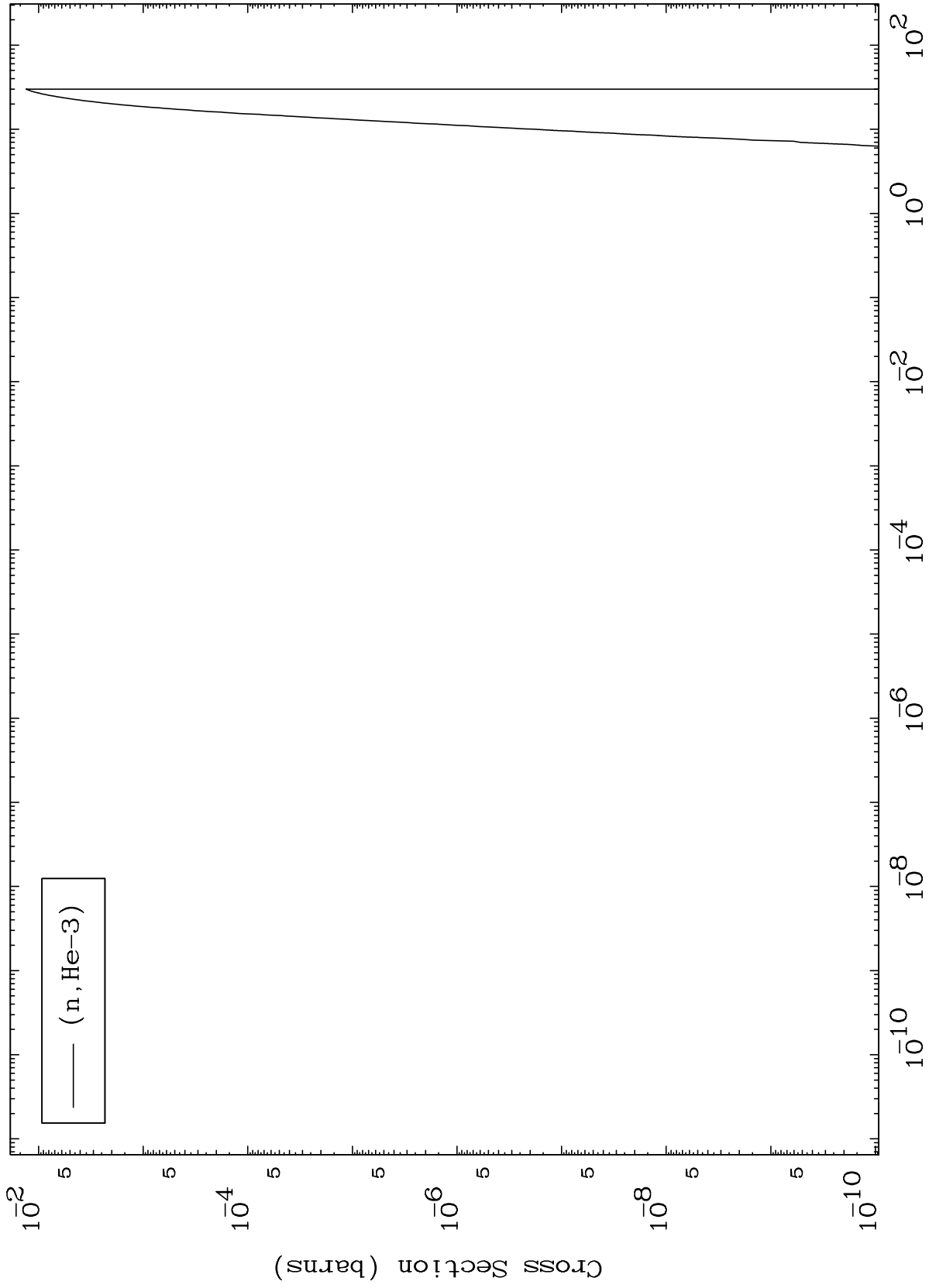
Incident Energy (MeV)

77-Ir-174

MAT 7675

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-174



12

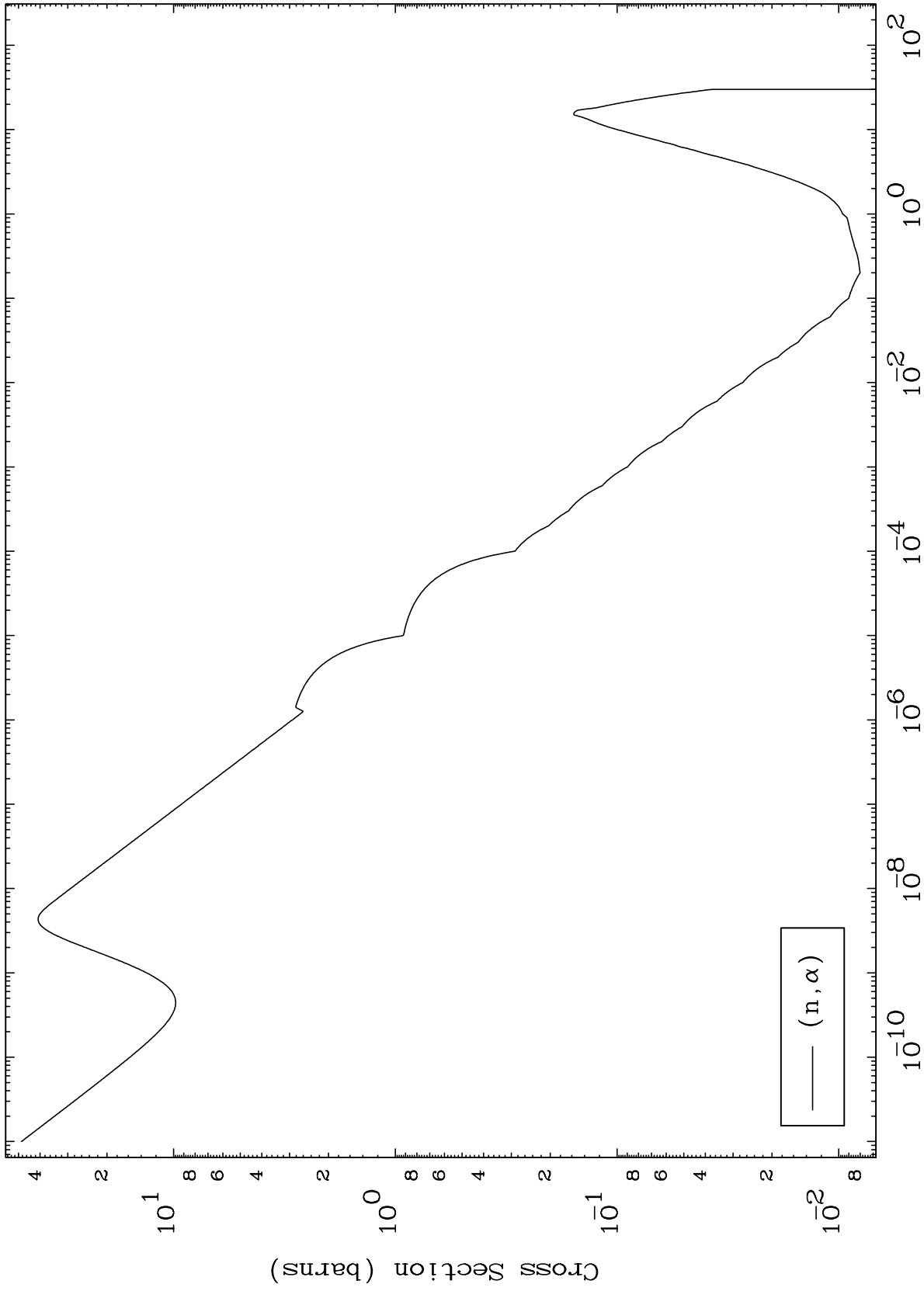
Incident Energy (MeV)

77-Ir-174

MAT 7675

(n,α) Levels
293 Kelvin Cross Sections

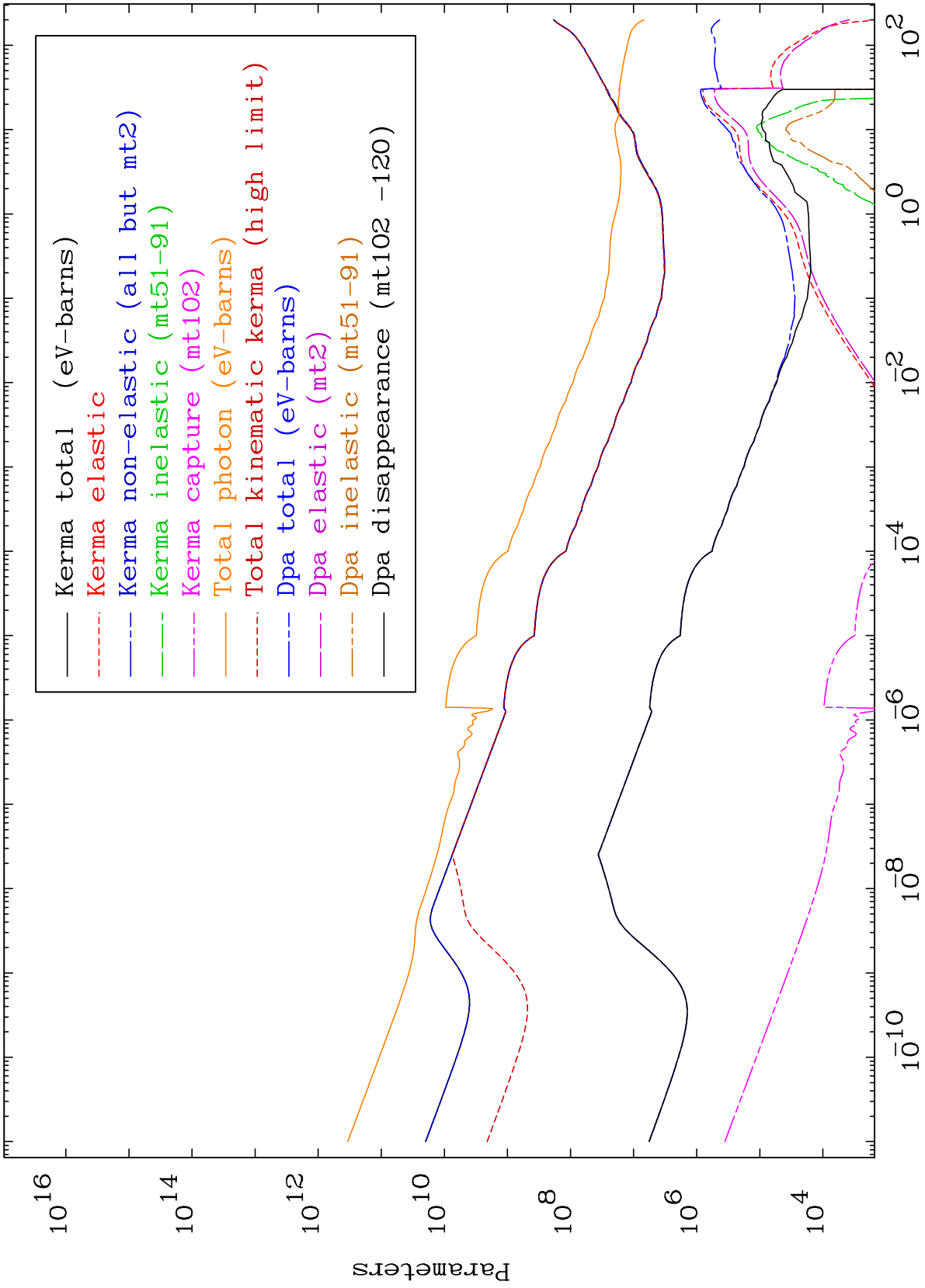
77-Ir-174



13

Incident Energy (MeV)

77-Ir-174



77-Ir-174

Elastic Legendre Coefficients

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77-Ir-174

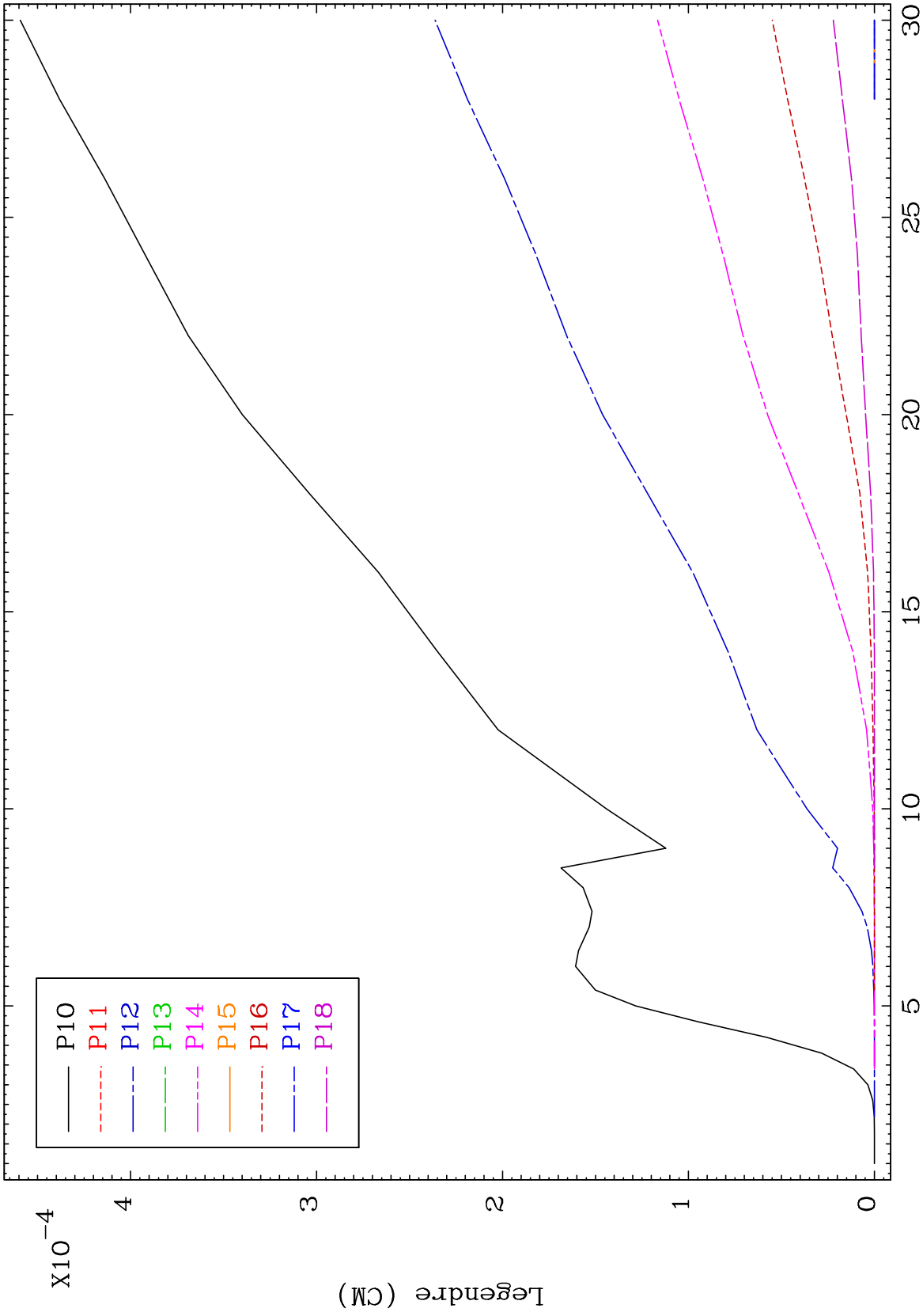
Incident Energy (MeV)

15

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Elastic Legendre Coefficients

77-Ir-174



16

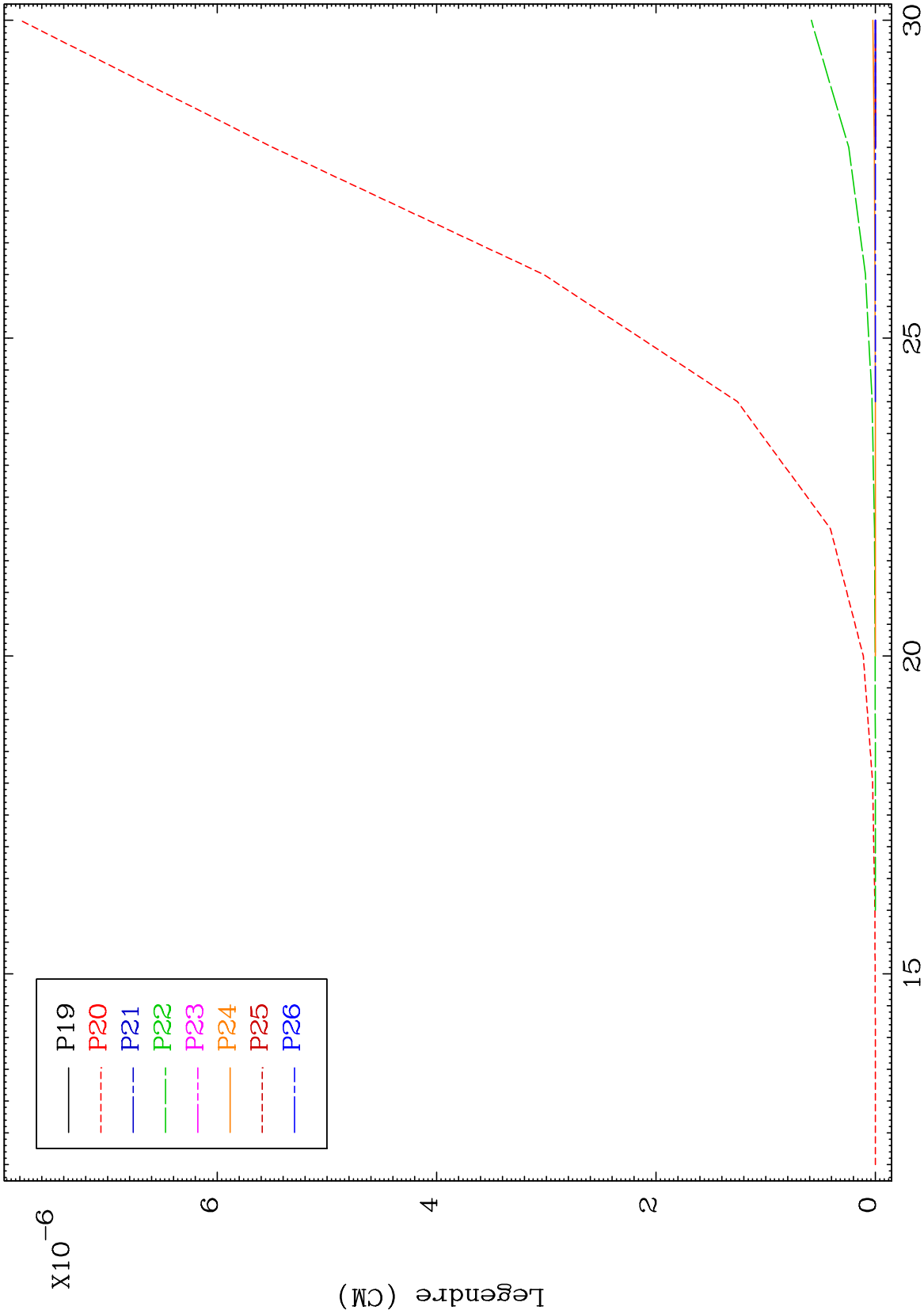
Incident Energy (MeV)

77-Ir-174

MAT 7675

Elastic Legendre Coefficients

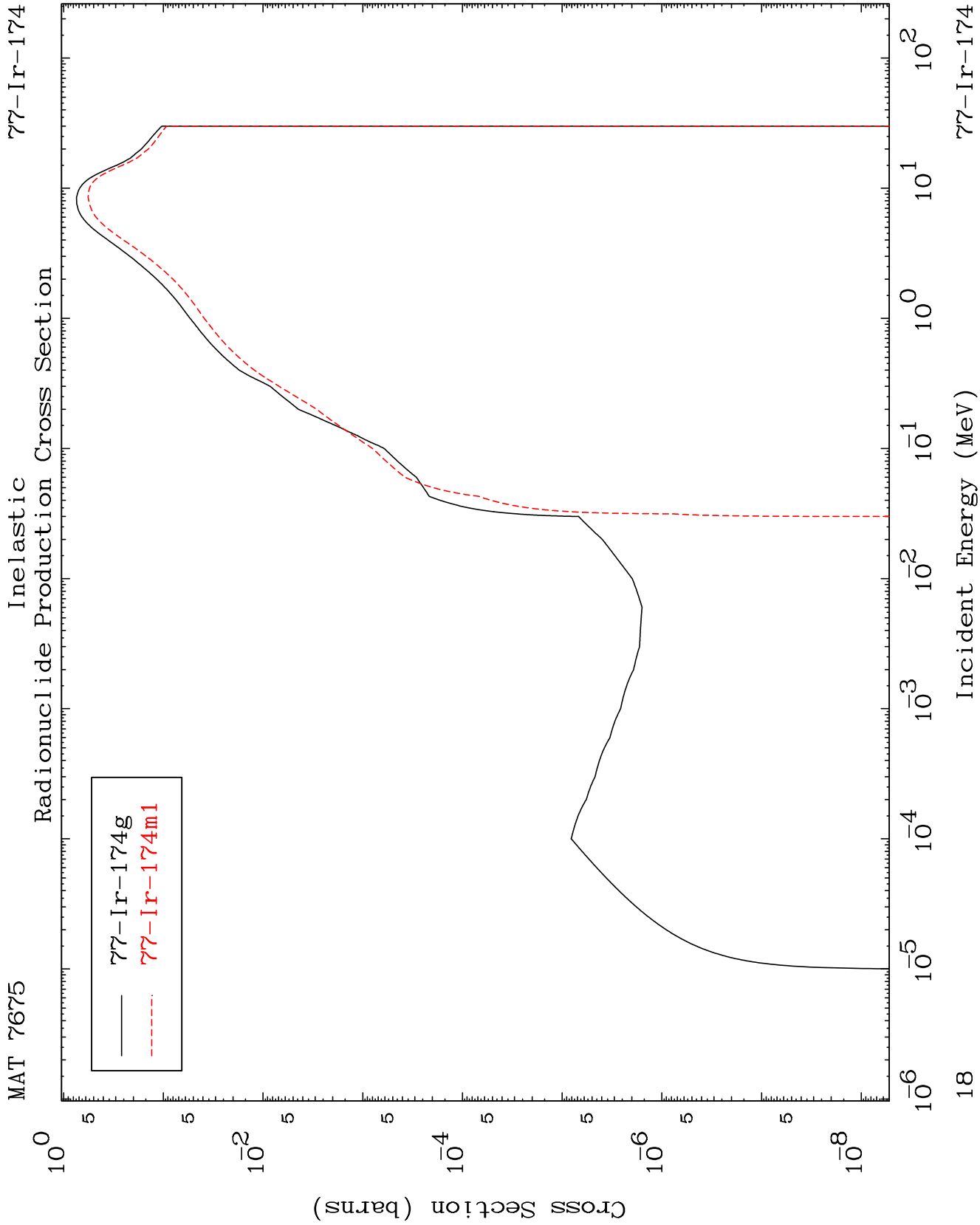
77-Ir-174



17

Incident Energy (MeV)

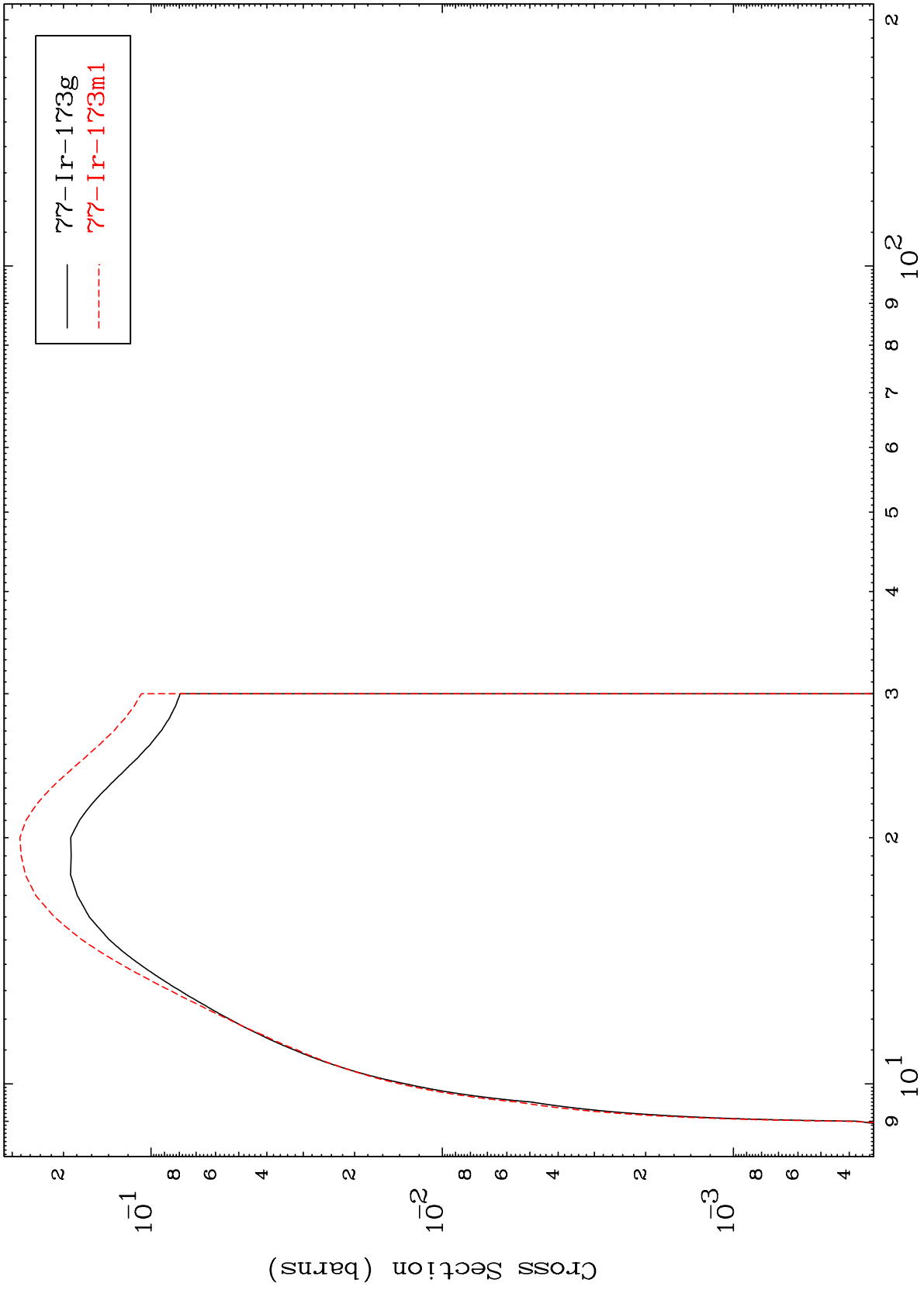
77-Ir-174



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77-Ir-174

(n,2n)
Radionuclide Production Cross Section



19

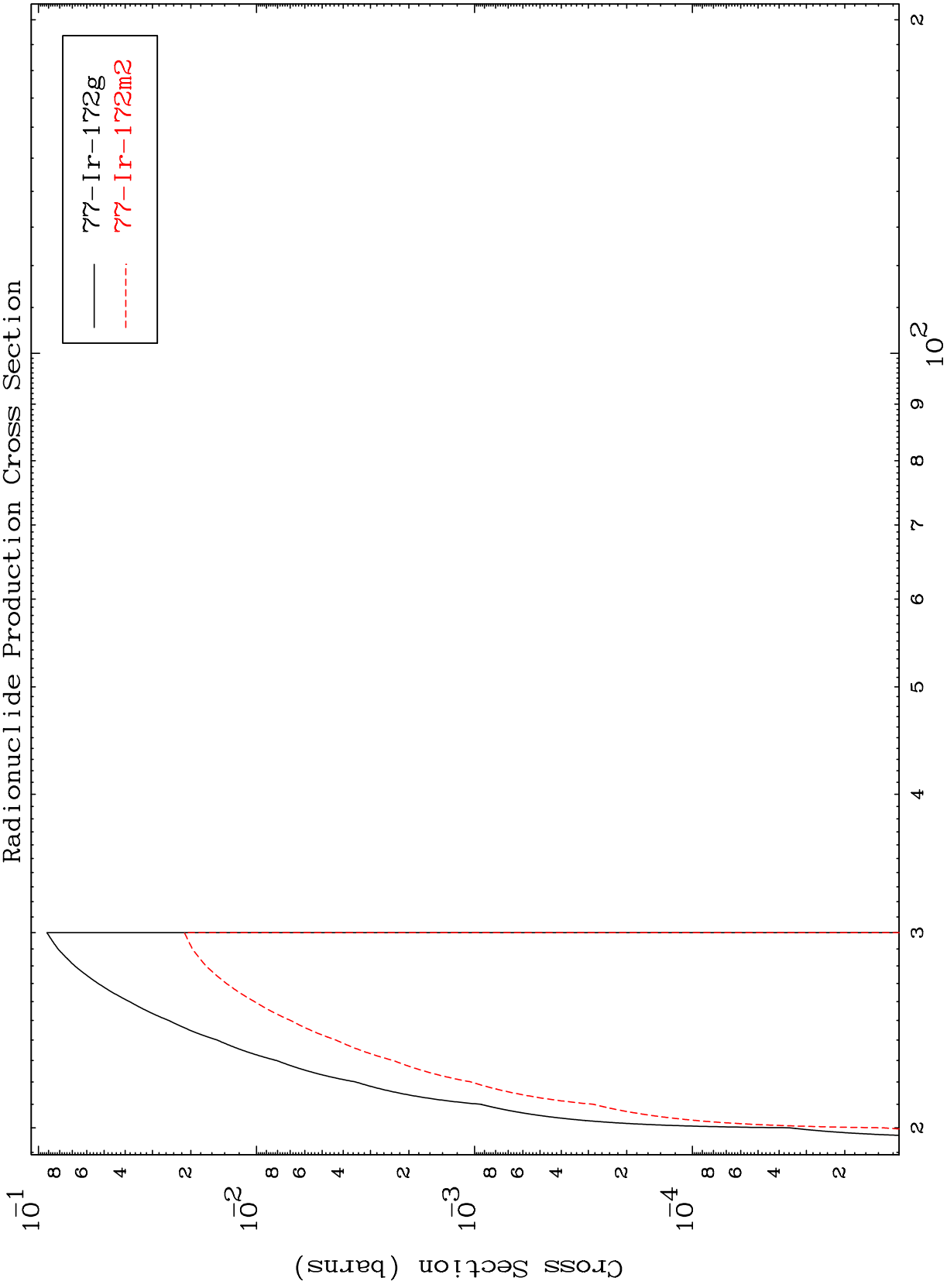
Incident Energy (MeV)

77-Ir-174

MAT 7675

77-Ir-174

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

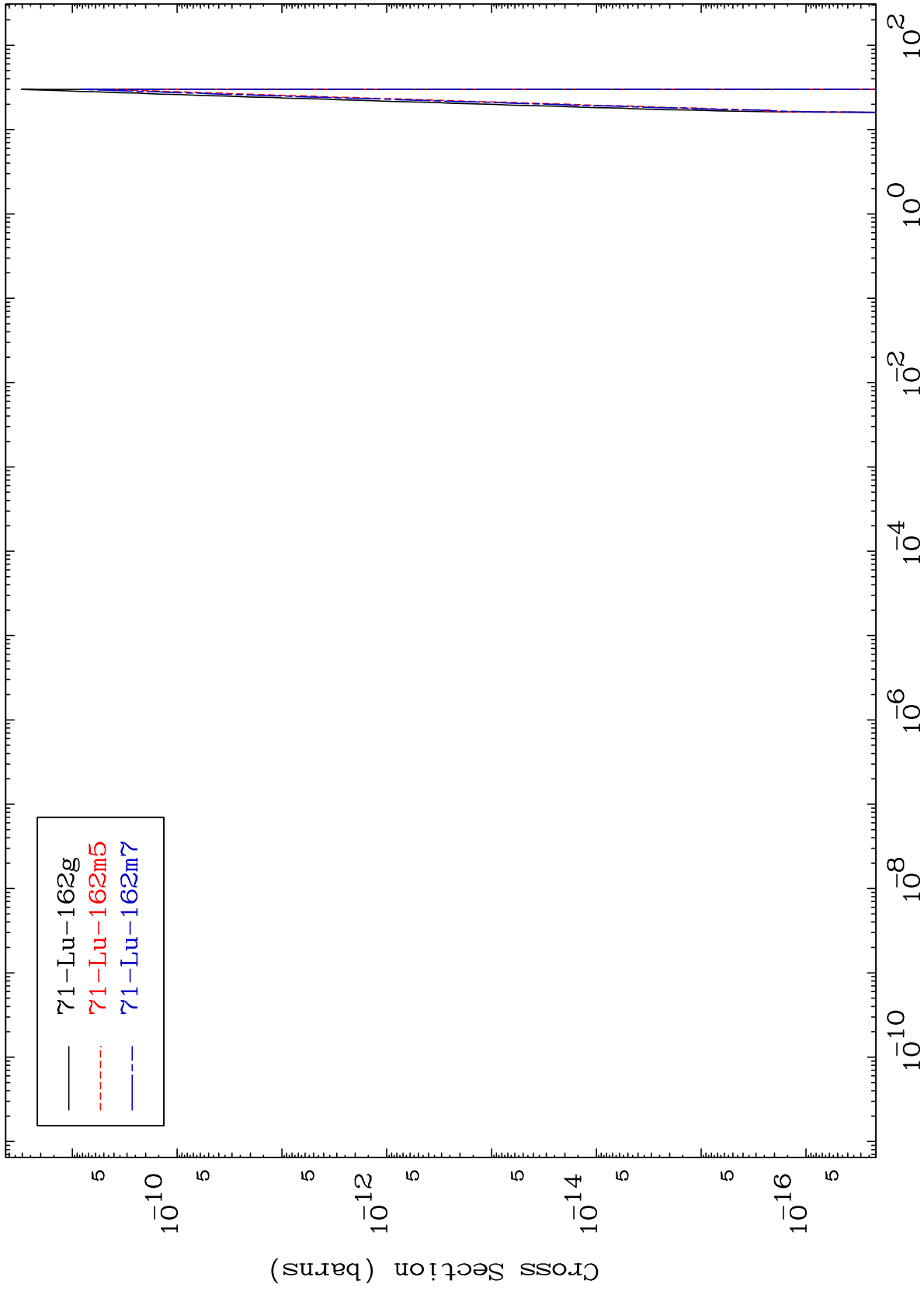
77-Ir-174

MAT 7675

(n,n') 3α

77-Ir-174

Radionuclide Production Cross Section



21

Incident Energy (MeV)

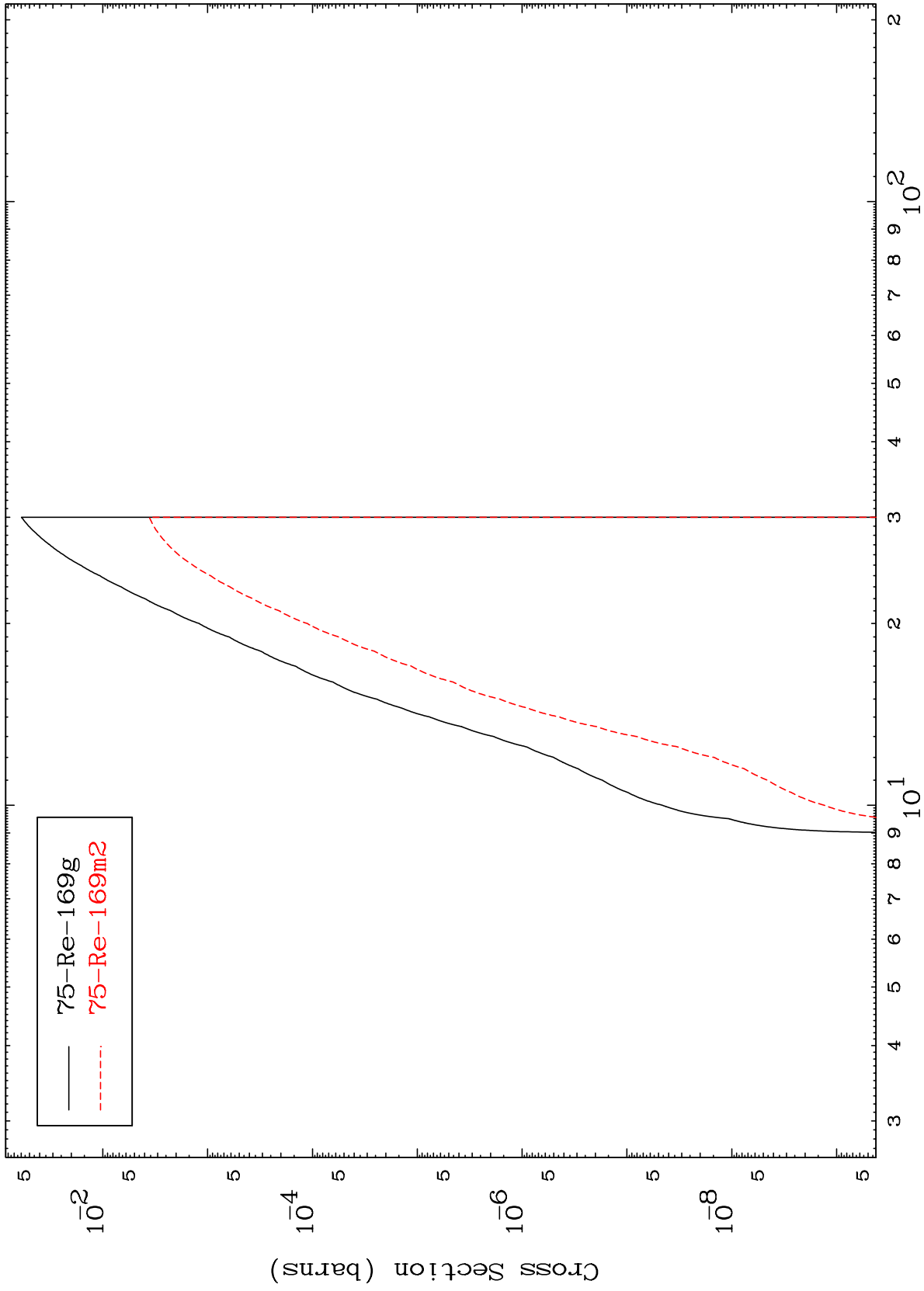
77-Ir-174

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(n,2n) α

⁷⁷Ir-174

Radionuclide Production Cross Section



22

Incident Energy (MeV)

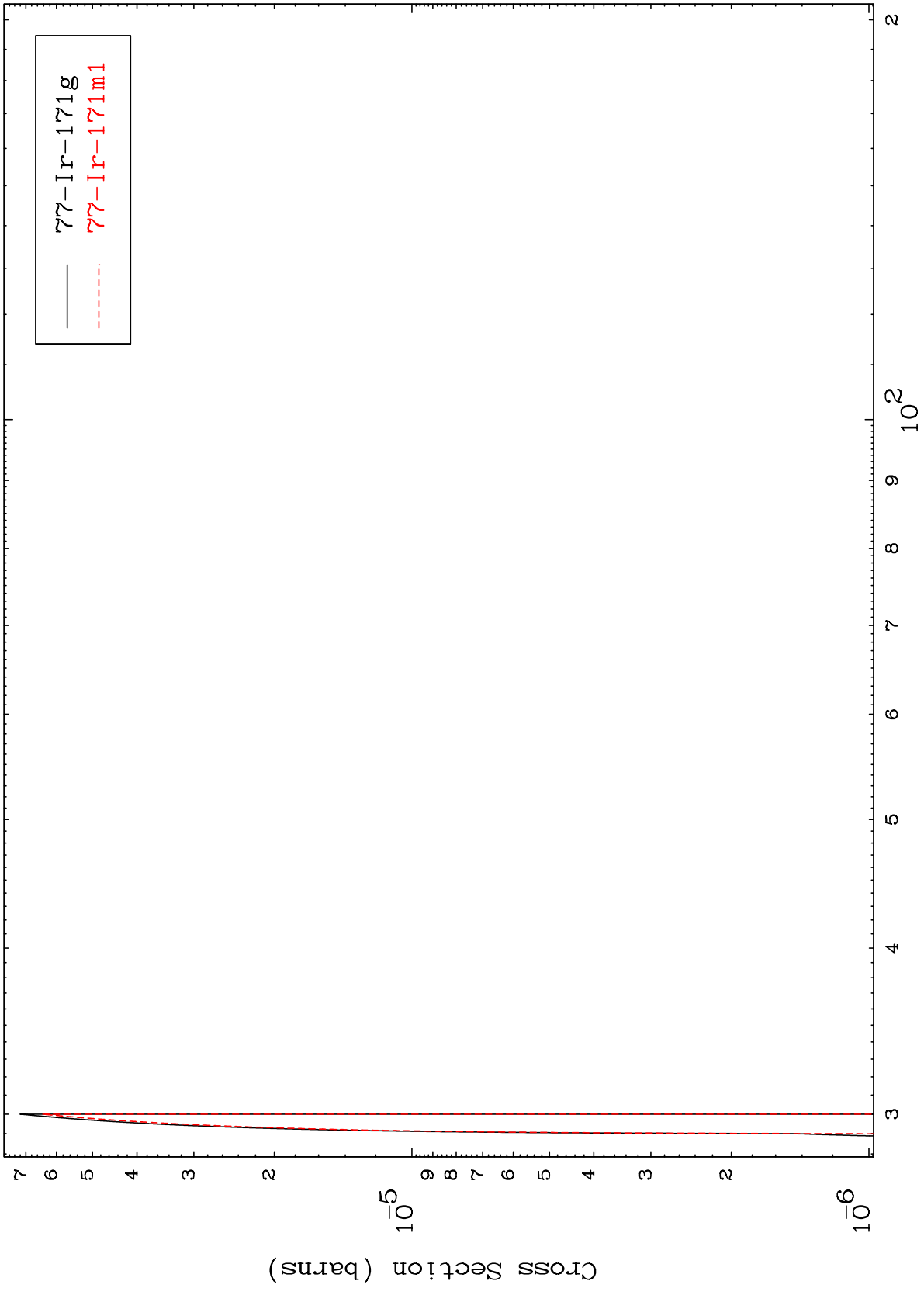
⁷⁷Ir-174

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(n,4n)

⁷⁷Ir-174

Radionuclide Production Cross Section



⁷⁷Ir-171g
⁷⁷Ir-171m1

23

Incident Energy (MeV)

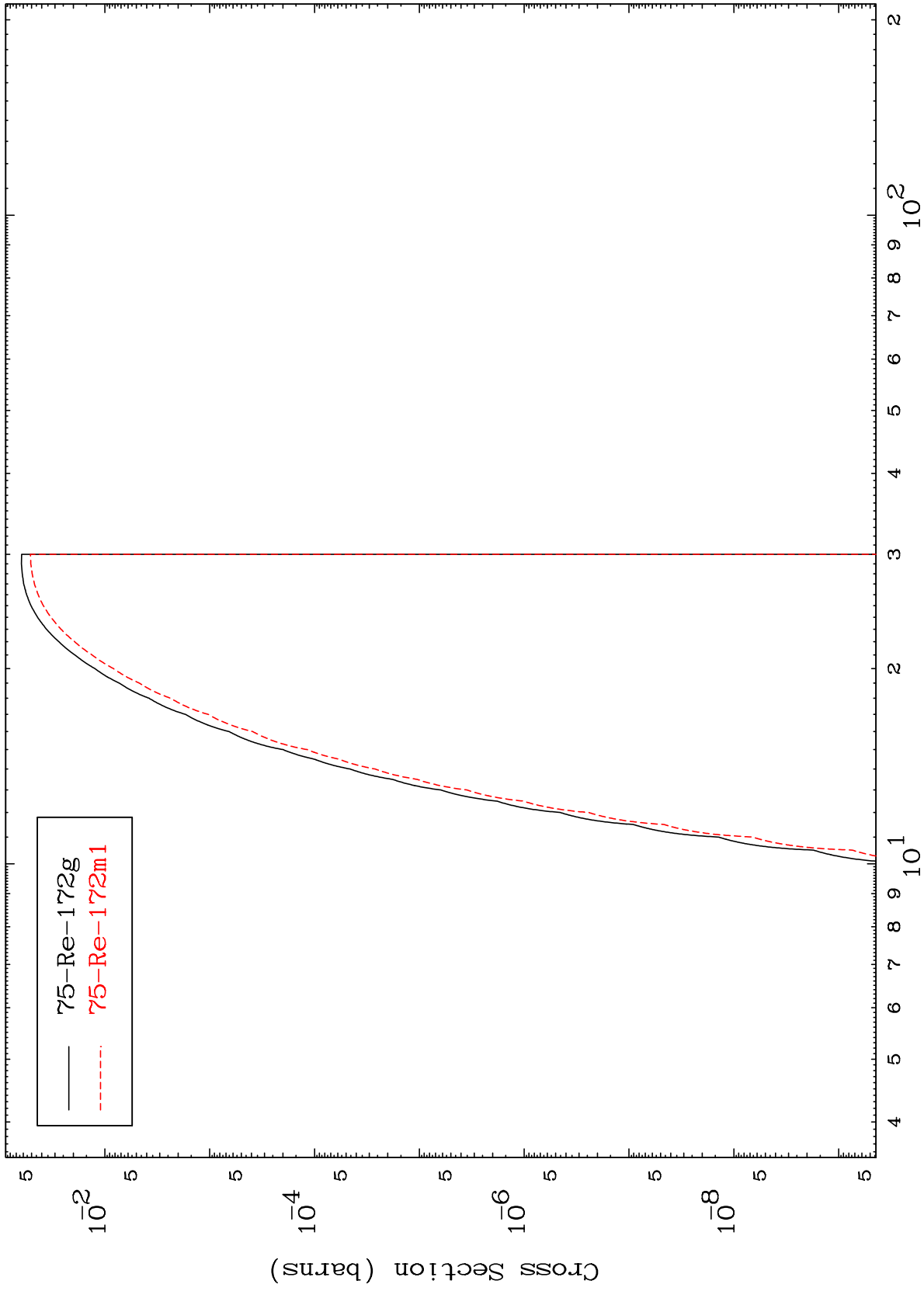
⁷⁷Ir-174

MAT 7675

(n,2n) p

⁷⁷Ir-174

Radionuclide Production Cross Section



24

Incident Energy (MeV)

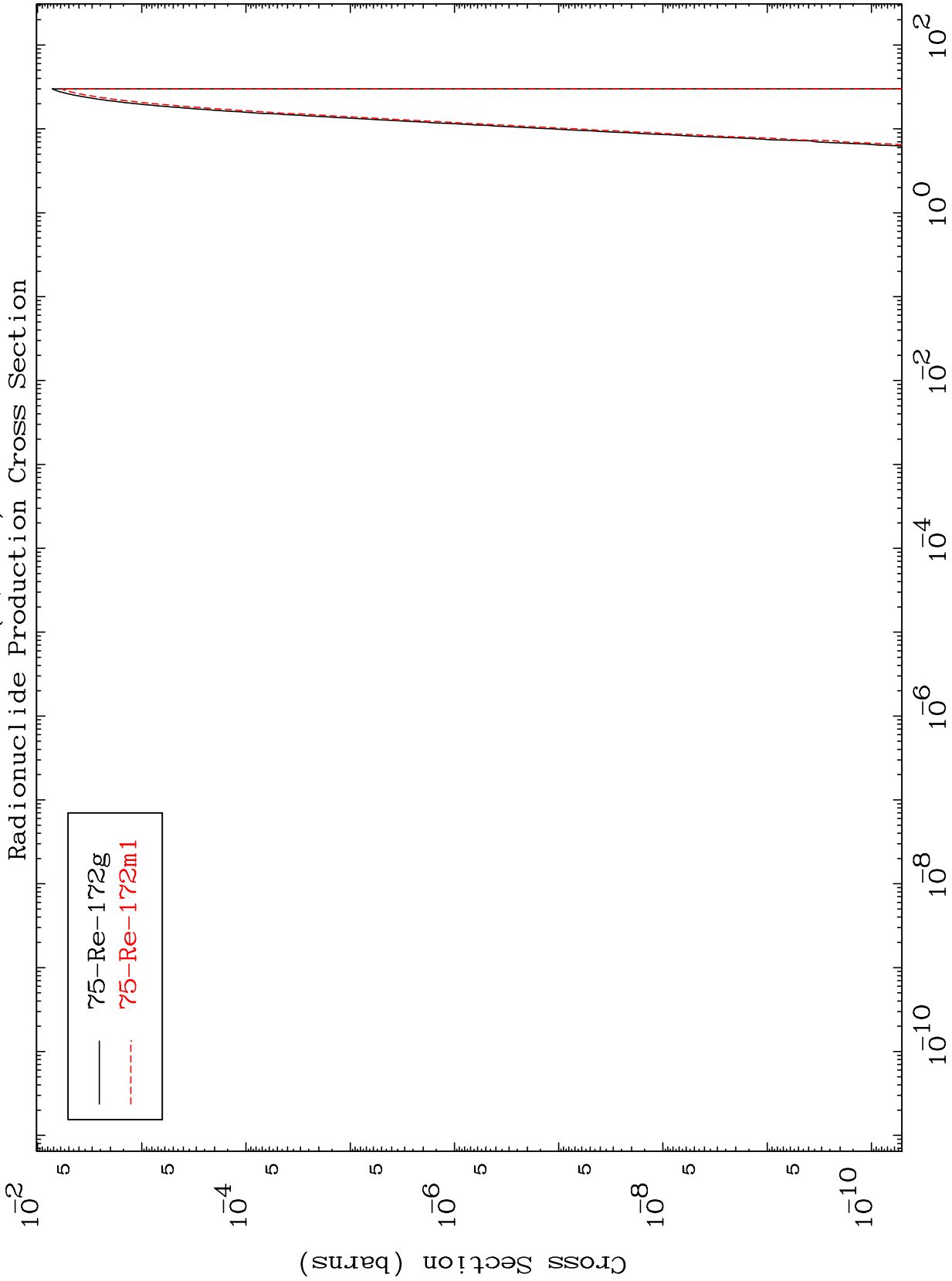
⁷⁷Ir-174

MAT 7675

(n, He-3)

77-Ir-174

Radionuclide Production Cross Section



75-Re-172g
75-Re-172m1

MAT 7675

(n,p) d

⁷⁷Ir-174

Radionuclide Production Cross Section

