

Program EVALPLOT
(Version 2018-1)

by

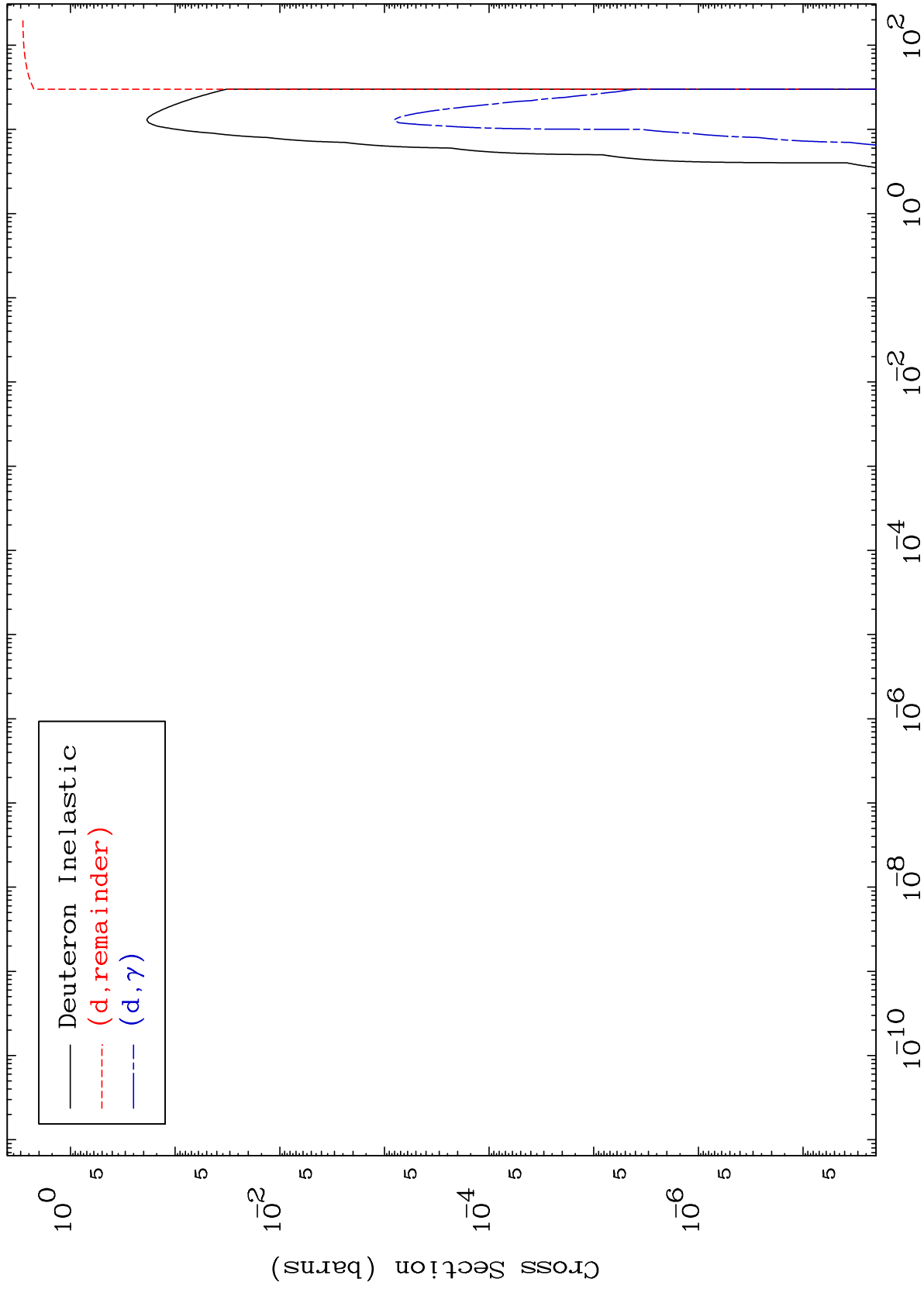
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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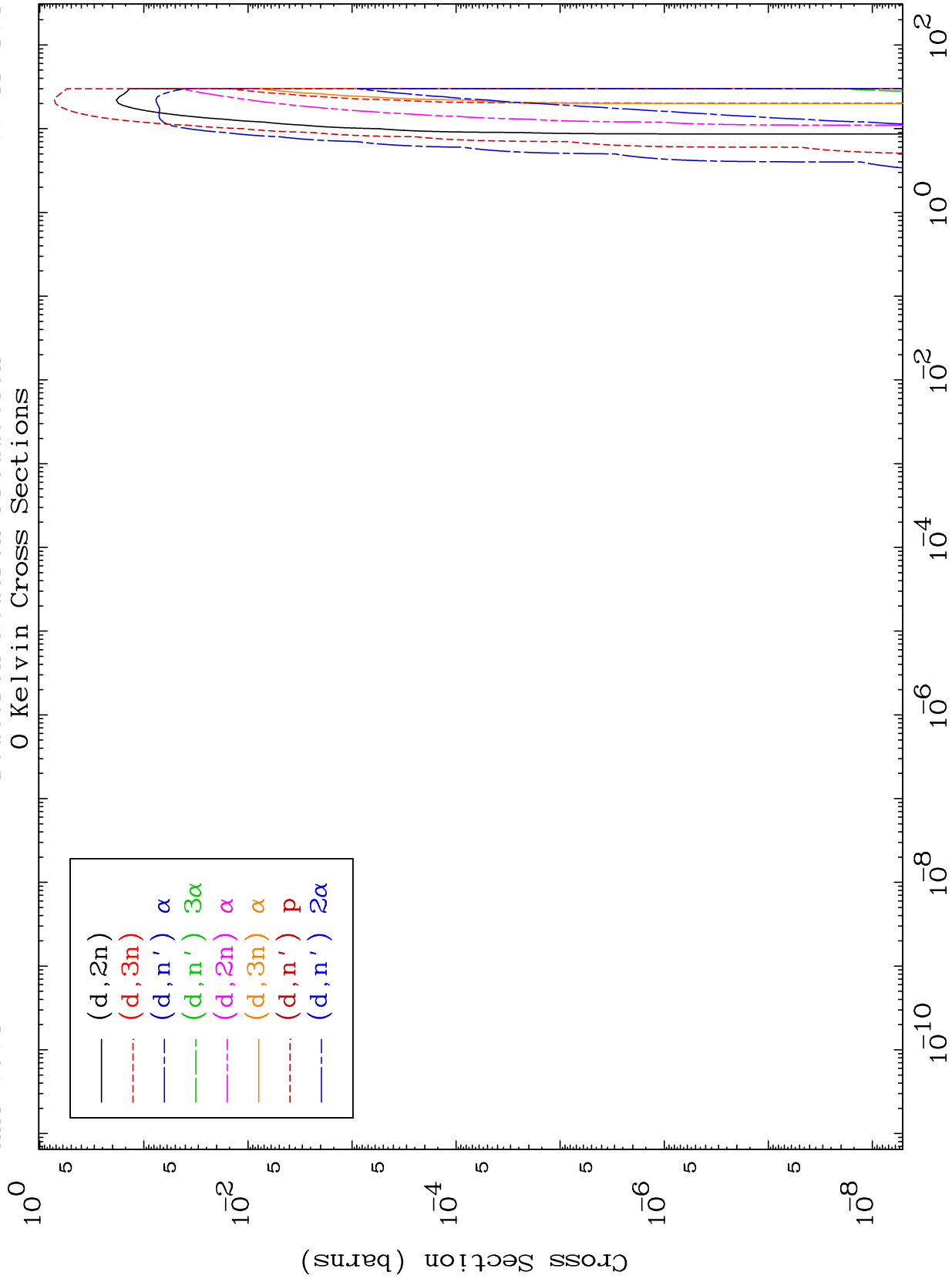
Press Mouse Button to Start



MAT 7674

Deuteron Neutron Production
0 Kelvin Cross Sections

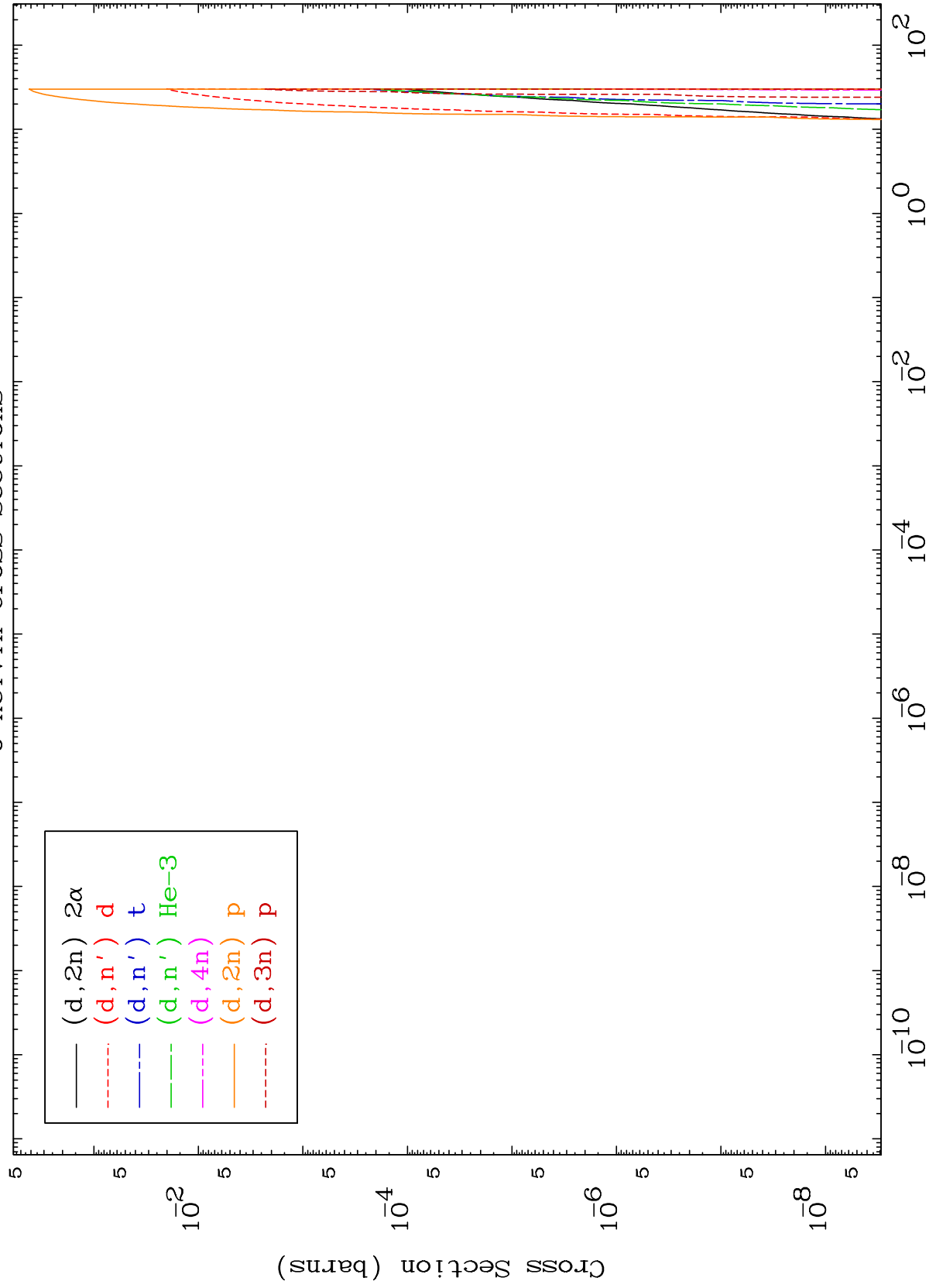
77-Ir-174



2

Incident Energy (MeV)

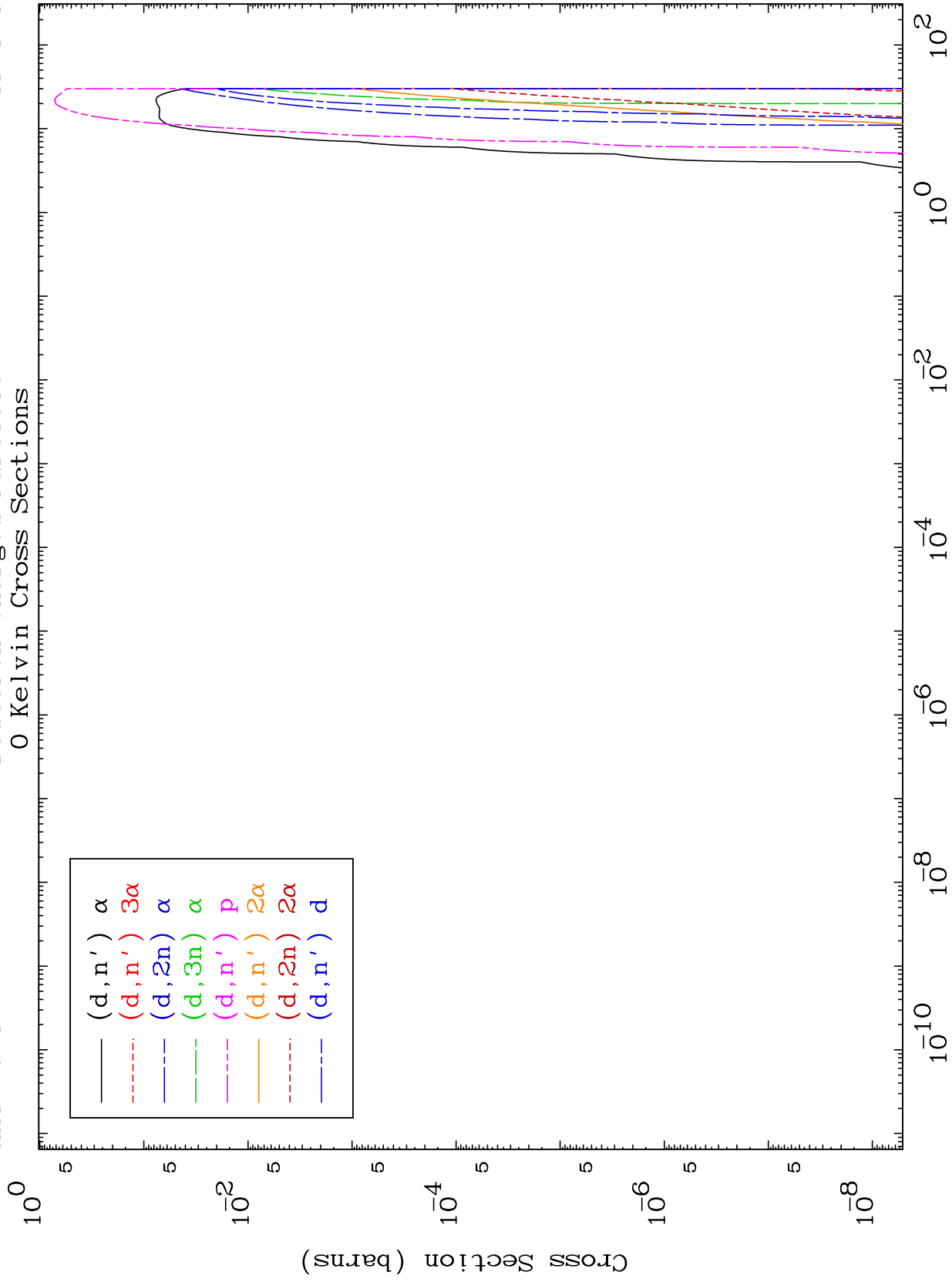
77-Ir-174



MAT 7674

Deuteron Charged Particle
0 Kelvin Cross Sections

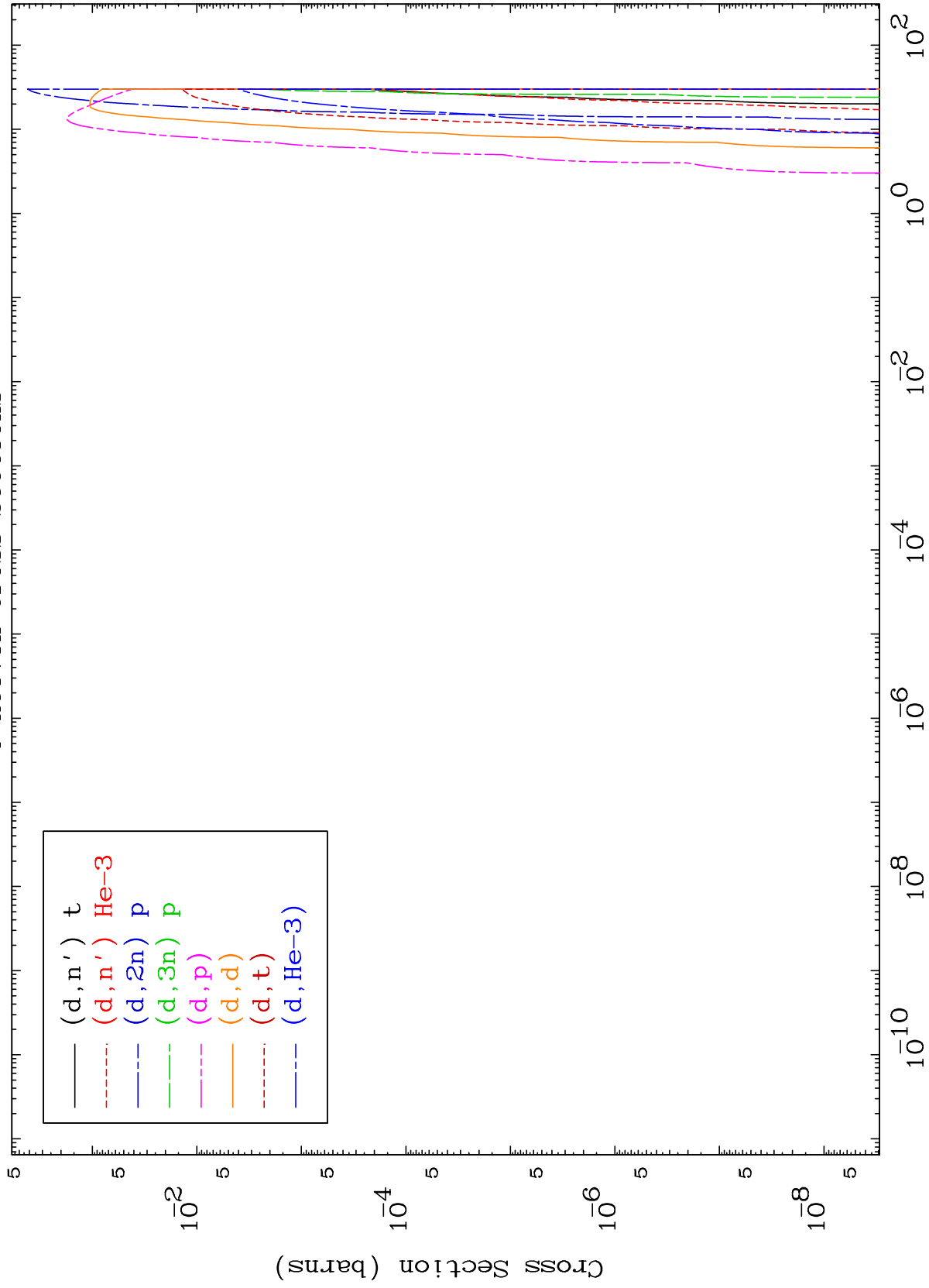
77-Ir-174



MAT 7674

Deuteron Charged Particle
0 Kelvin Cross Sections

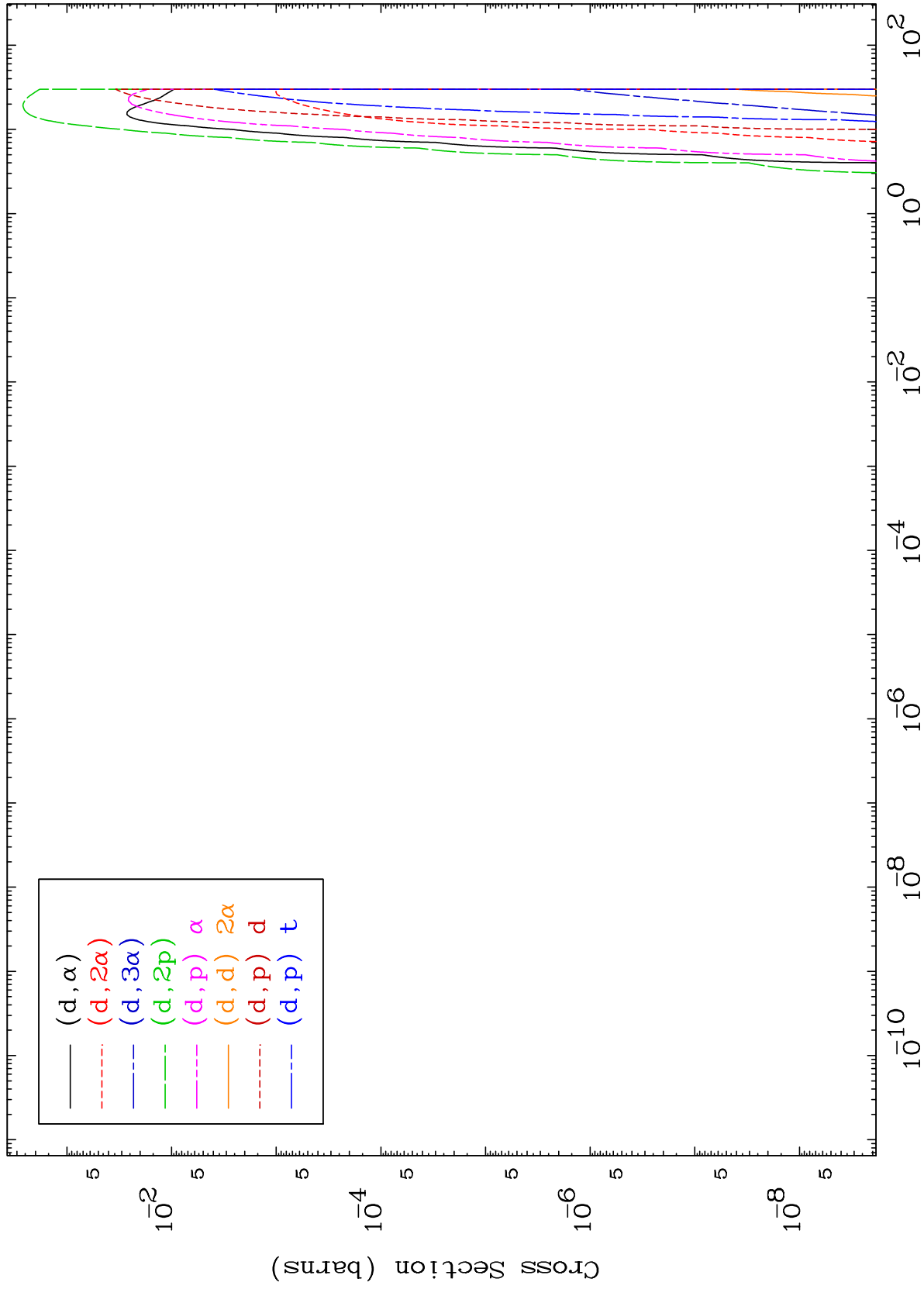
77-Ir-174



5

Incident Energy (MeV)

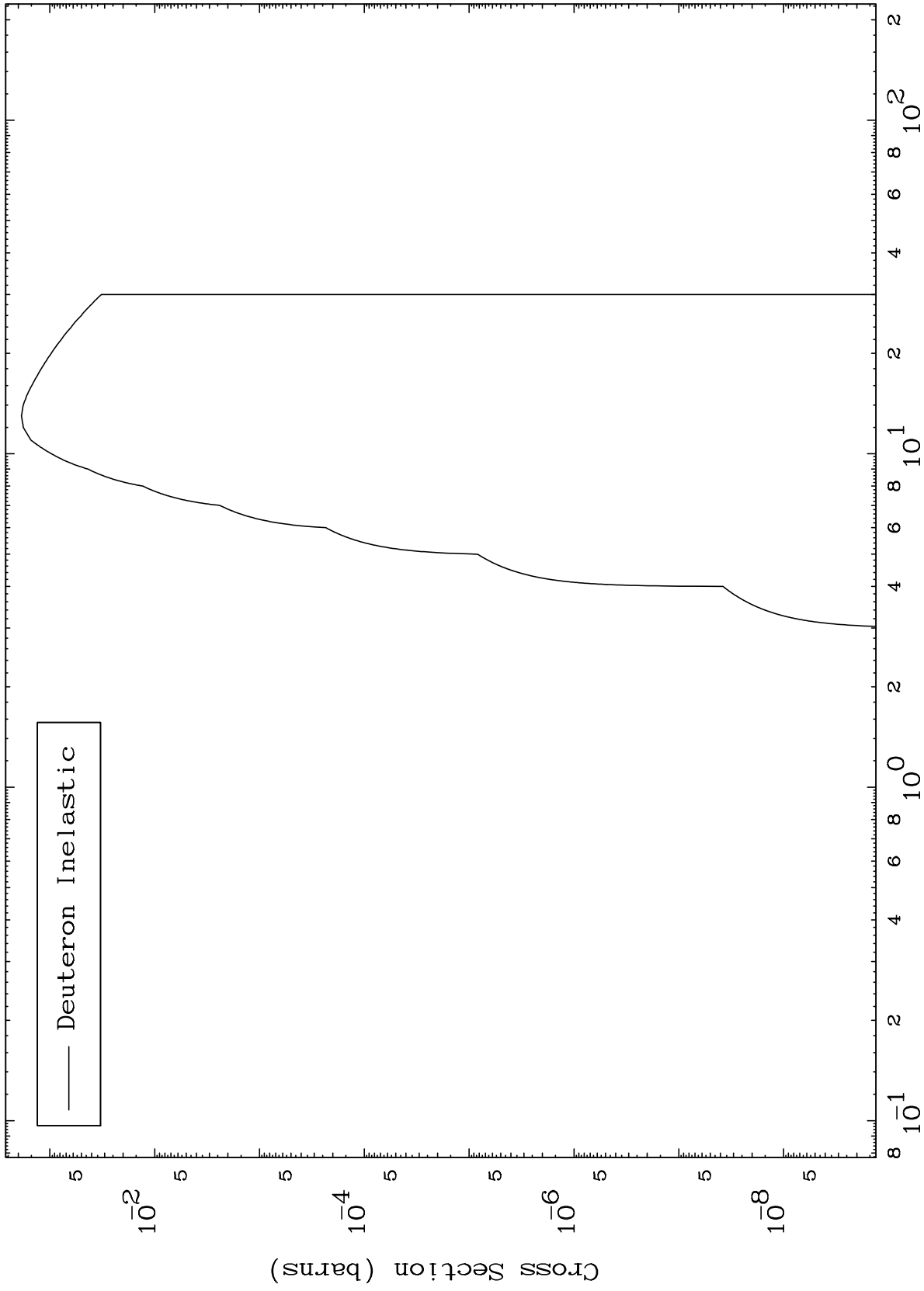
77-Ir-174



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(d,n') Level
0 Kelvin Cross Sections

77-Ir-174



7

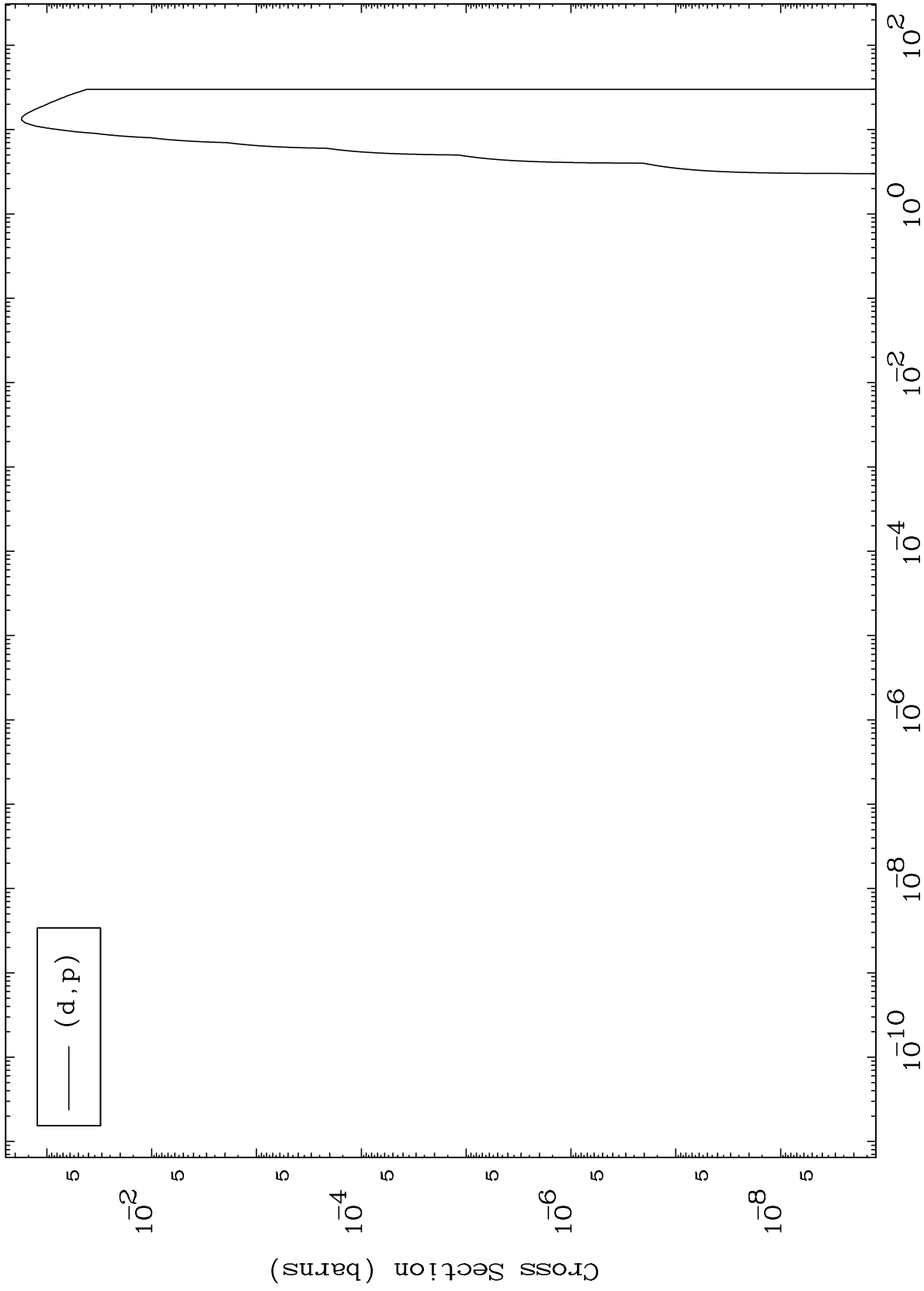
Incident Energy (MeV)

77-Ir-174

MAT 7674

(d,p) Levels
0 Kelvin Cross Sections

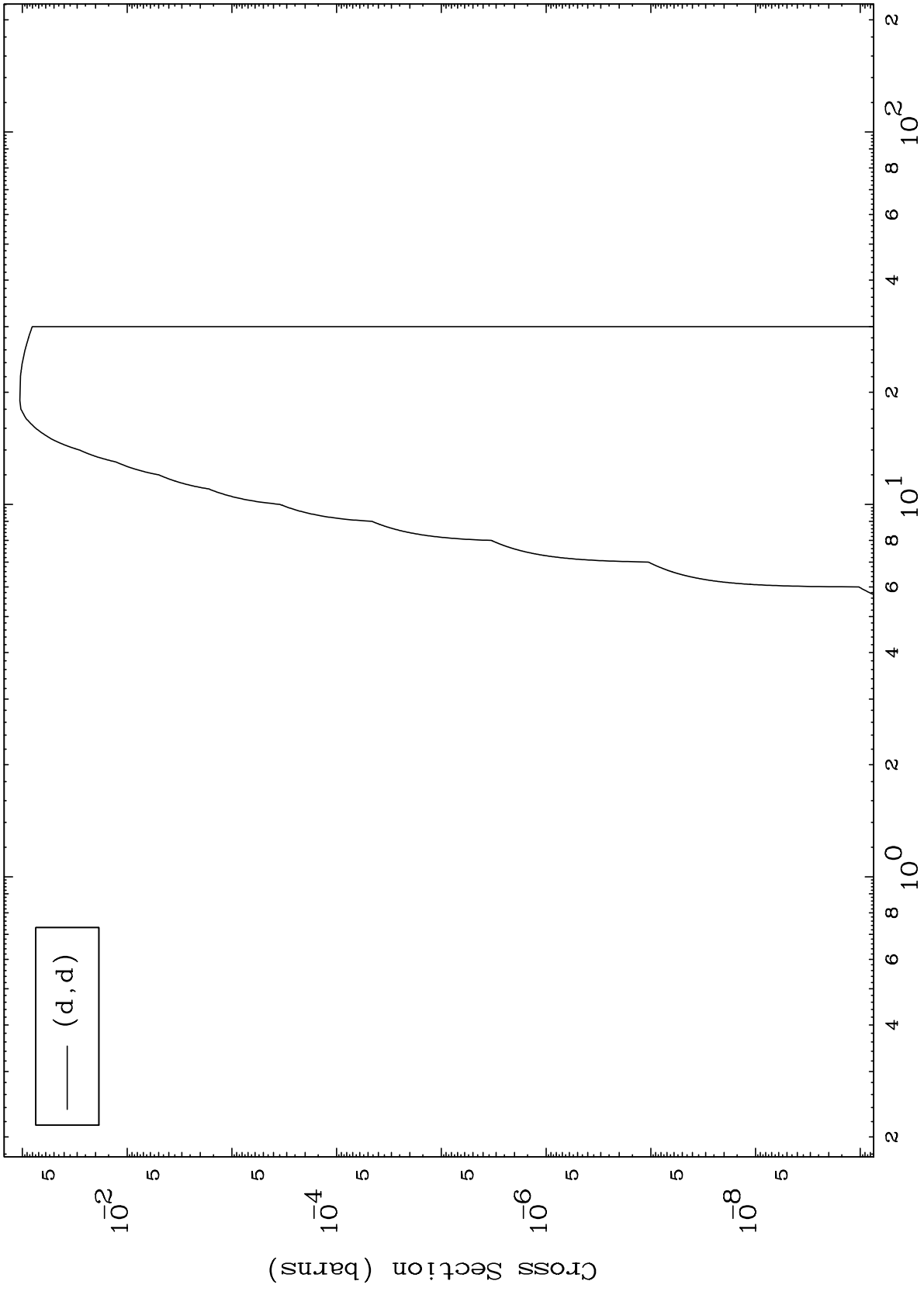
77-Ir-174



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(d,d) Levels
0 Kelvin Cross Sections

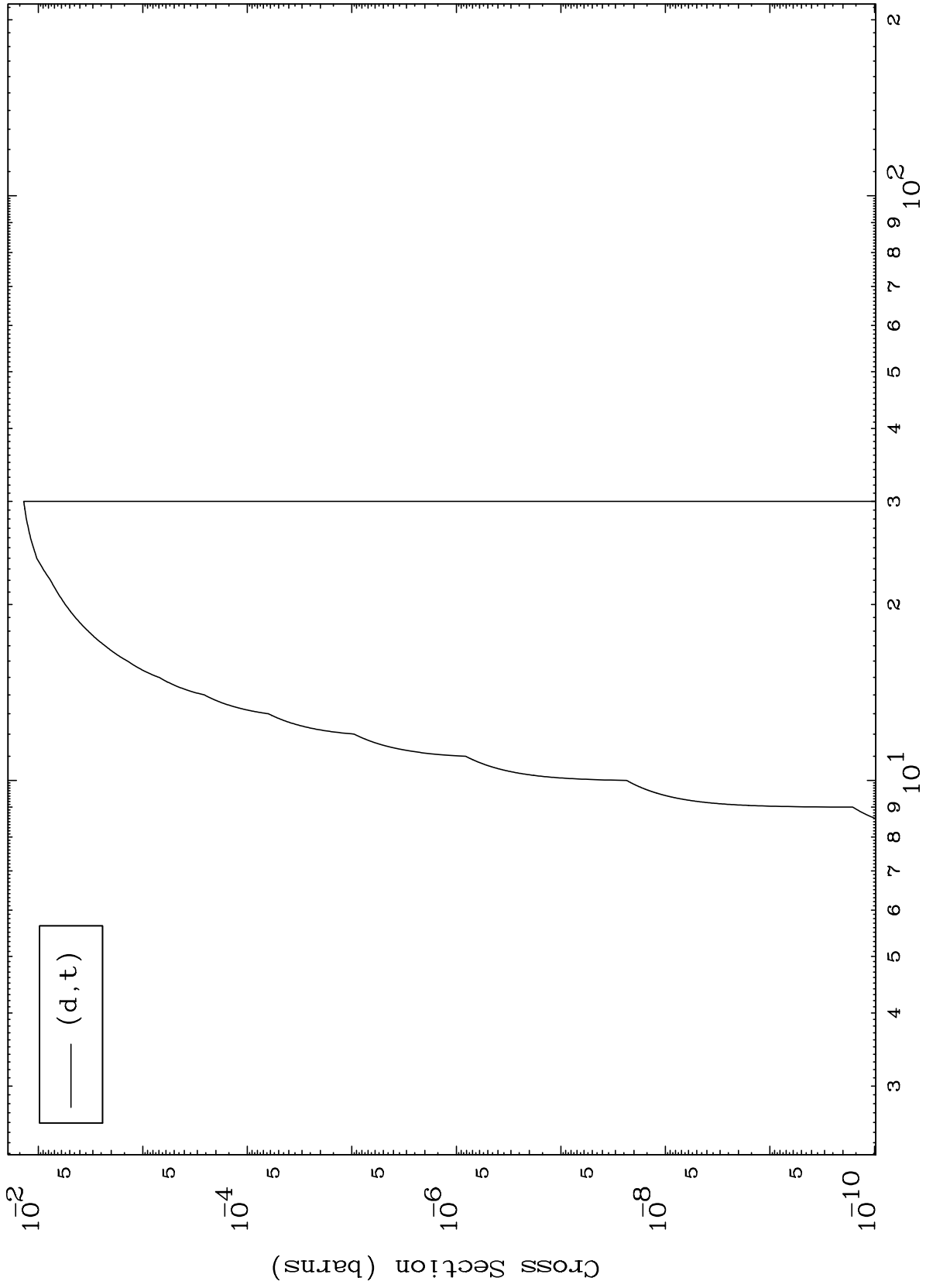
77-Ir-174



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(d,t) Levels
0 Kelvin Cross Sections

77-Ir-174



10

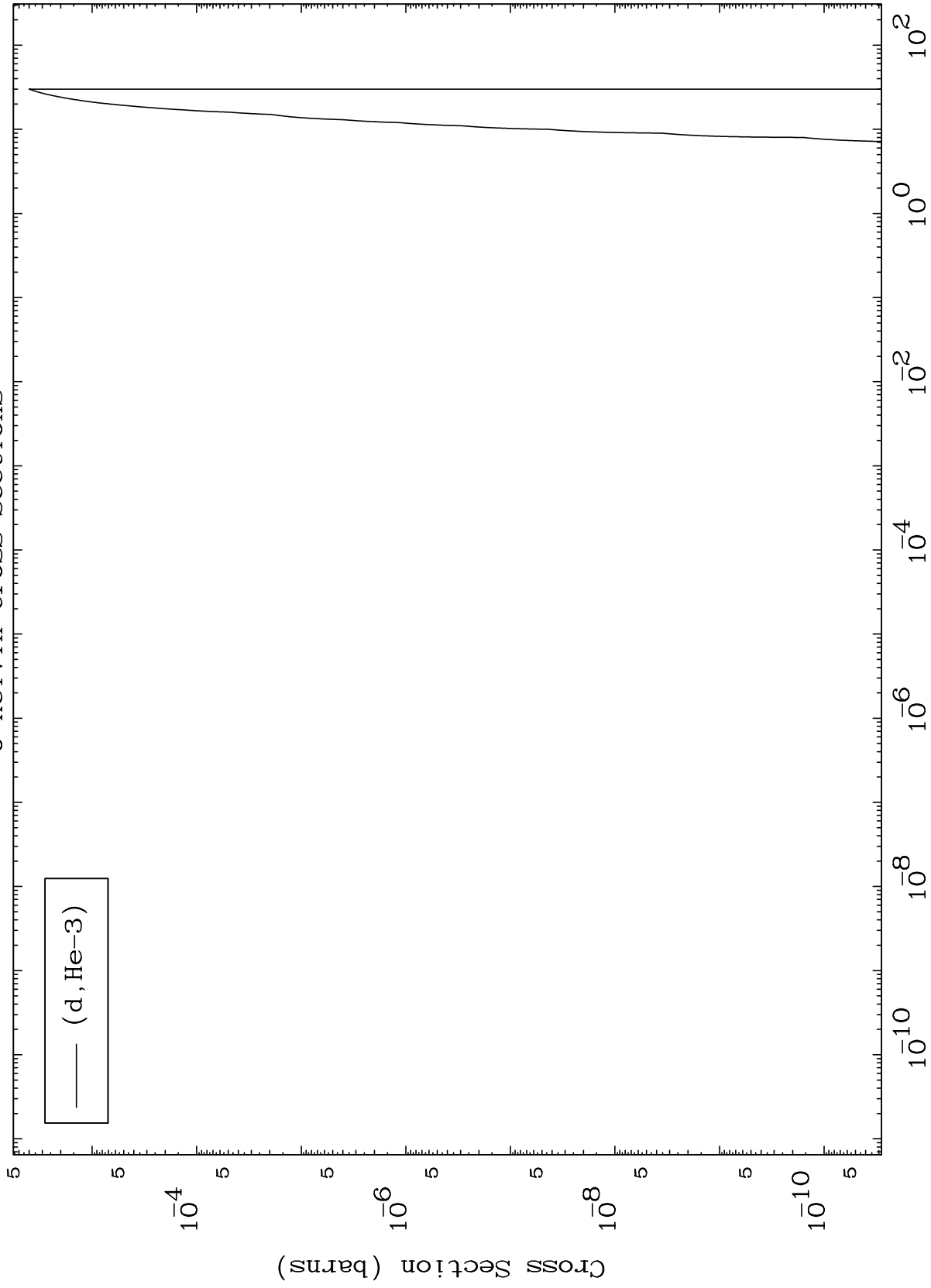
Incident Energy (MeV)

77-Ir-174

MAT 7674

(d,He3) Levels
0 Kelvin Cross Sections

77-Ir-174



11

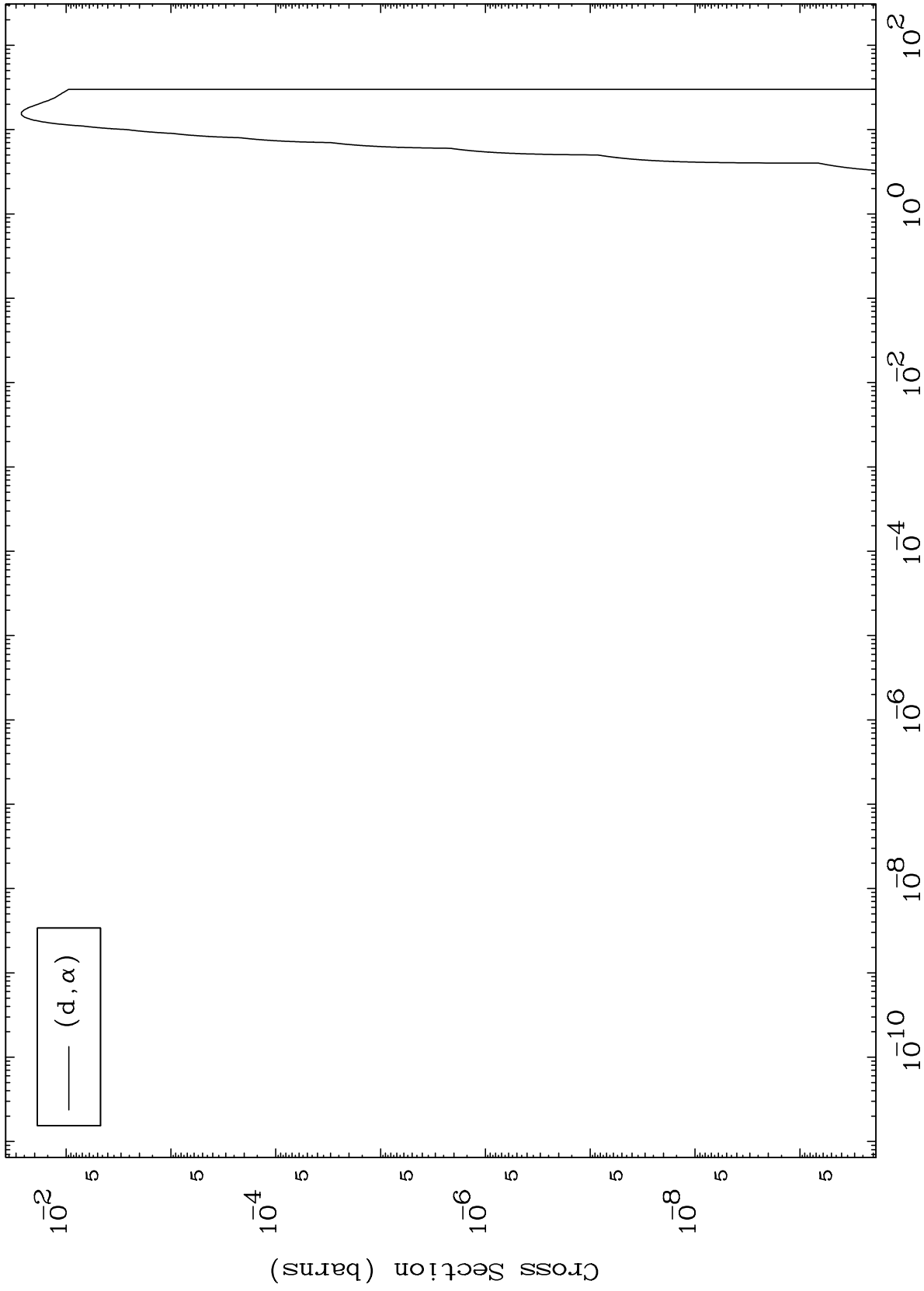
Incident Energy (MeV)

77-Ir-174

MAT 7674

(d, α) Levels
0 Kelvin Cross Sections

77-Ir-174



12

Incident Energy (MeV)

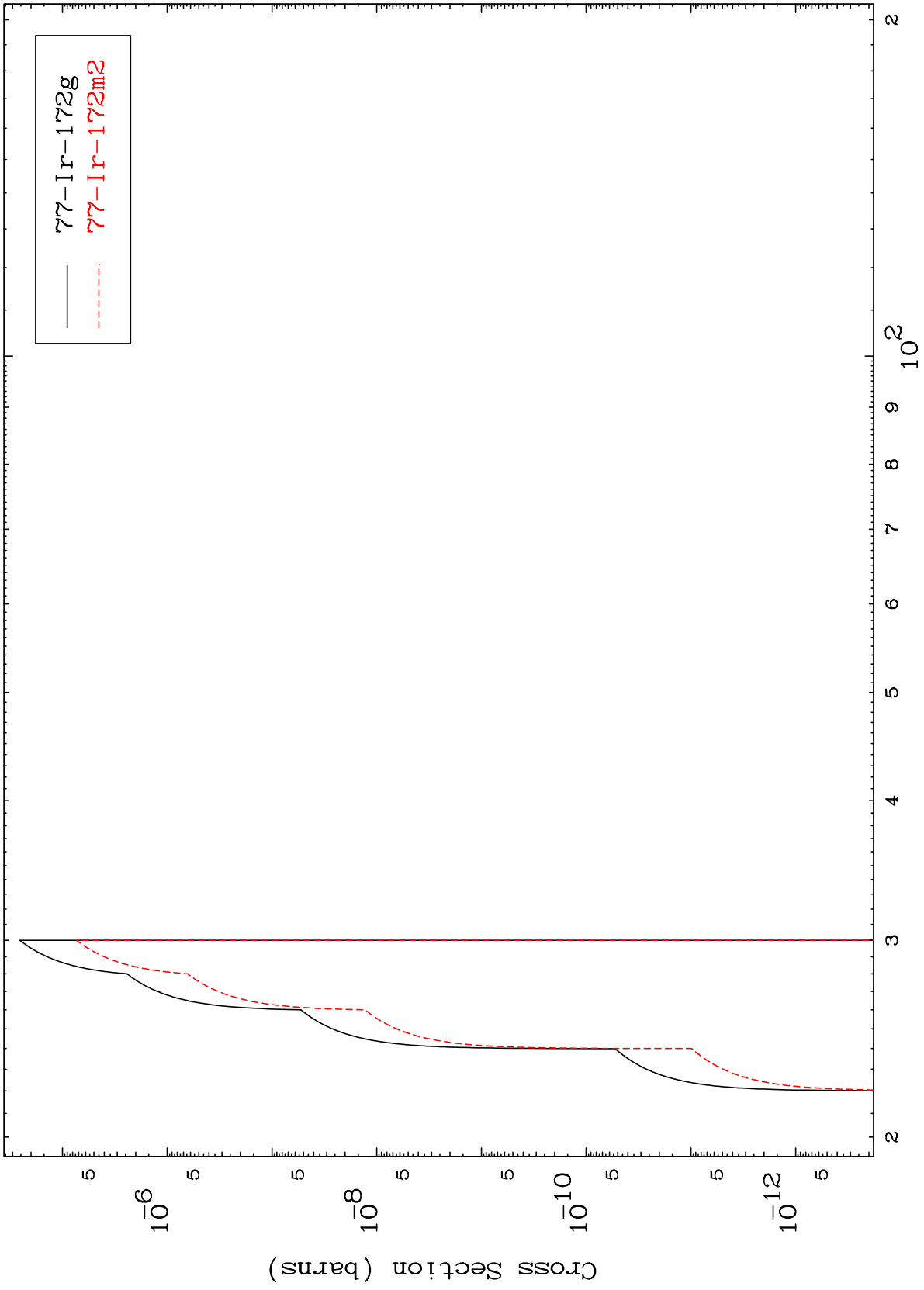
77-Ir-174

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(d,2n) d

⁷⁷Ir-174

Radionuclide Production Cross Section



13

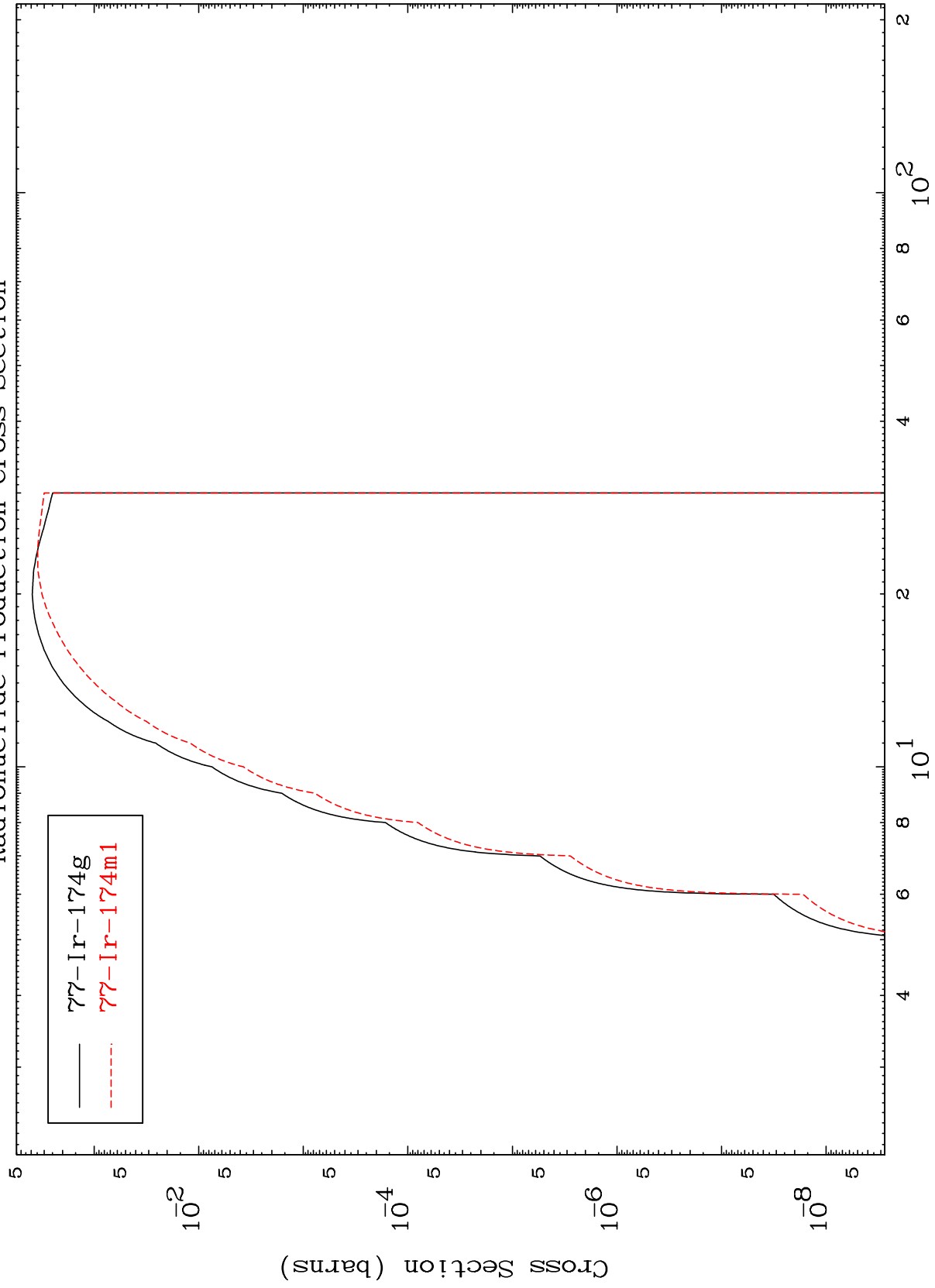
Incident Energy (MeV)

⁷⁷Ir-174

MAT 7674

⁷⁷Ir-174

(d,n') p
Radionuclide Production Cross Section



14

Incident Energy (MeV)

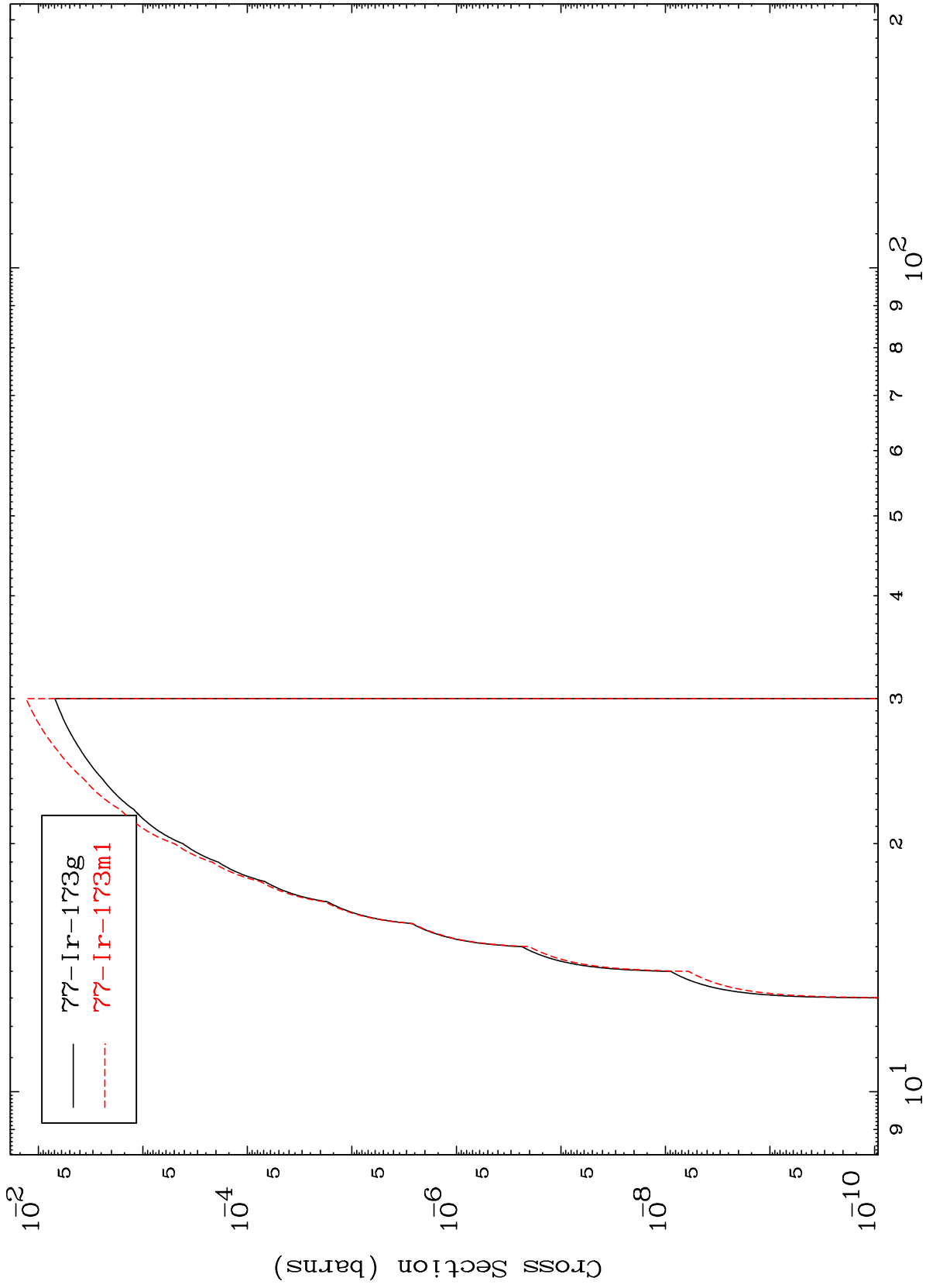
⁷⁷Ir-174

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(d,n') d

⁷⁷Ir-174

Radionuclide Production Cross Section



15

Incident Energy (MeV)

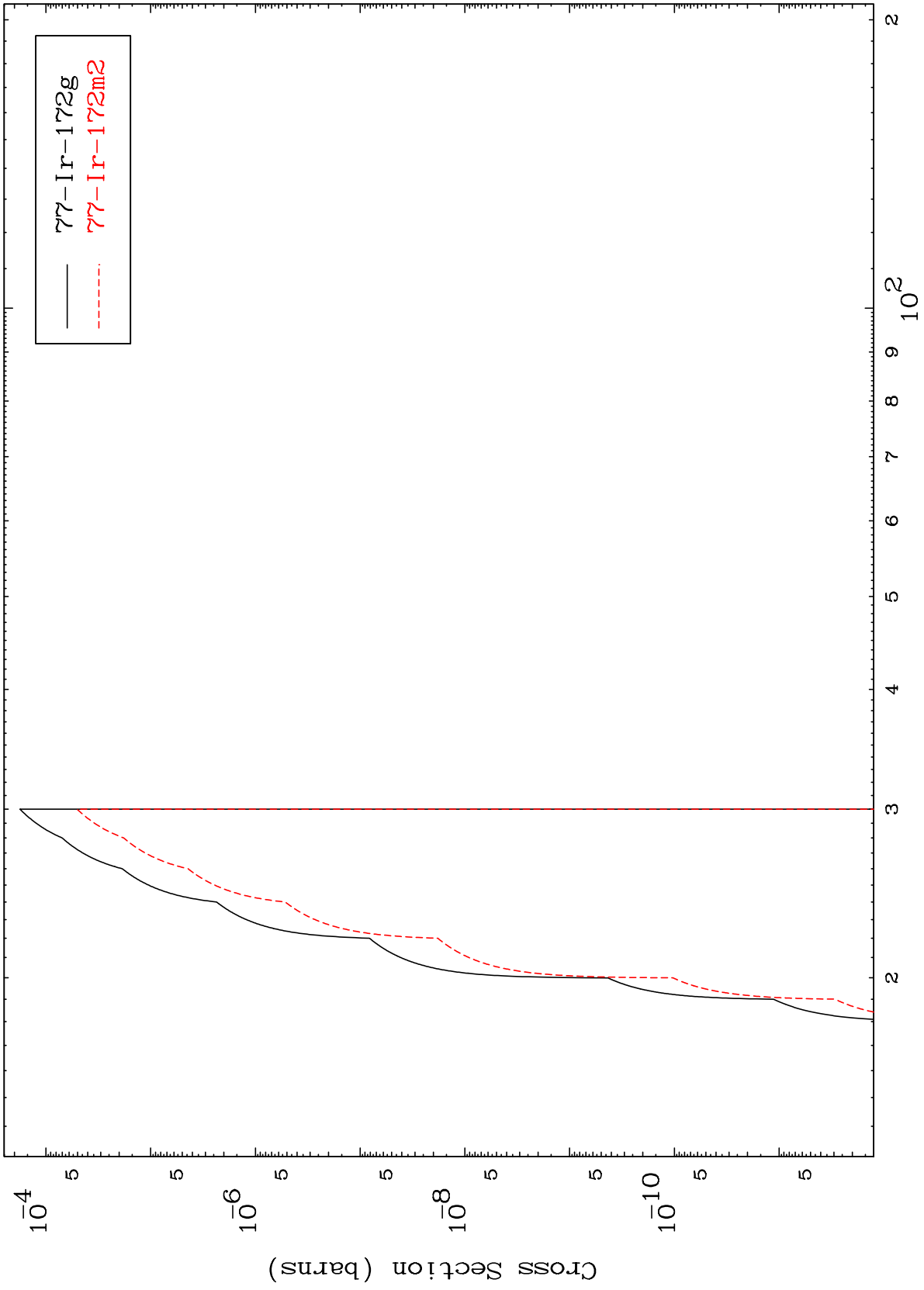
⁷⁷Ir-174

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(d,n') t

⁷⁷Ir-174

Radionuclide Production Cross Section



16

Incident Energy (MeV)

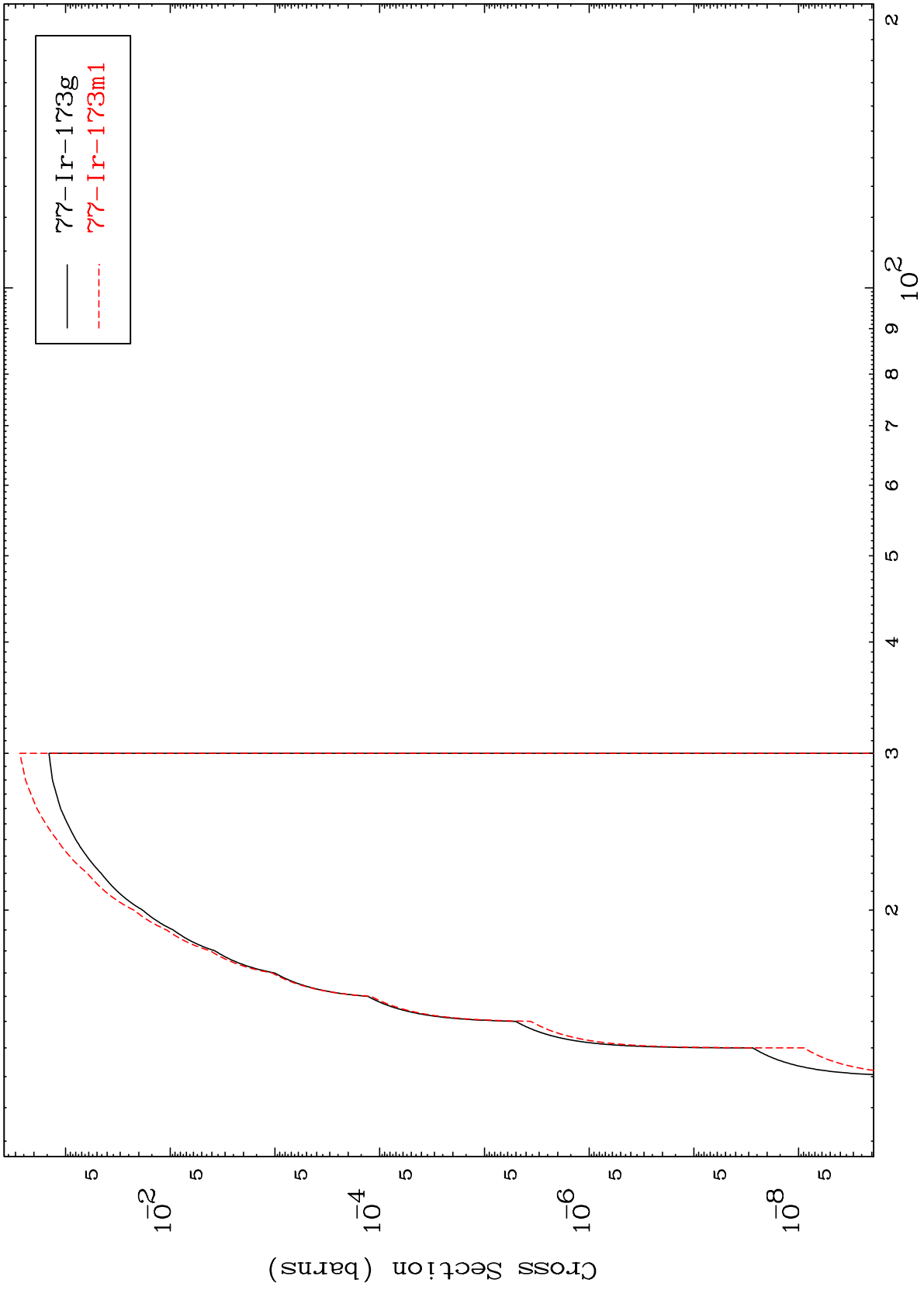
⁷⁷Ir-174

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(d,2n) p

⁷⁷Ir-174

Radionuclide Production Cross Section



17

Incident Energy (MeV)

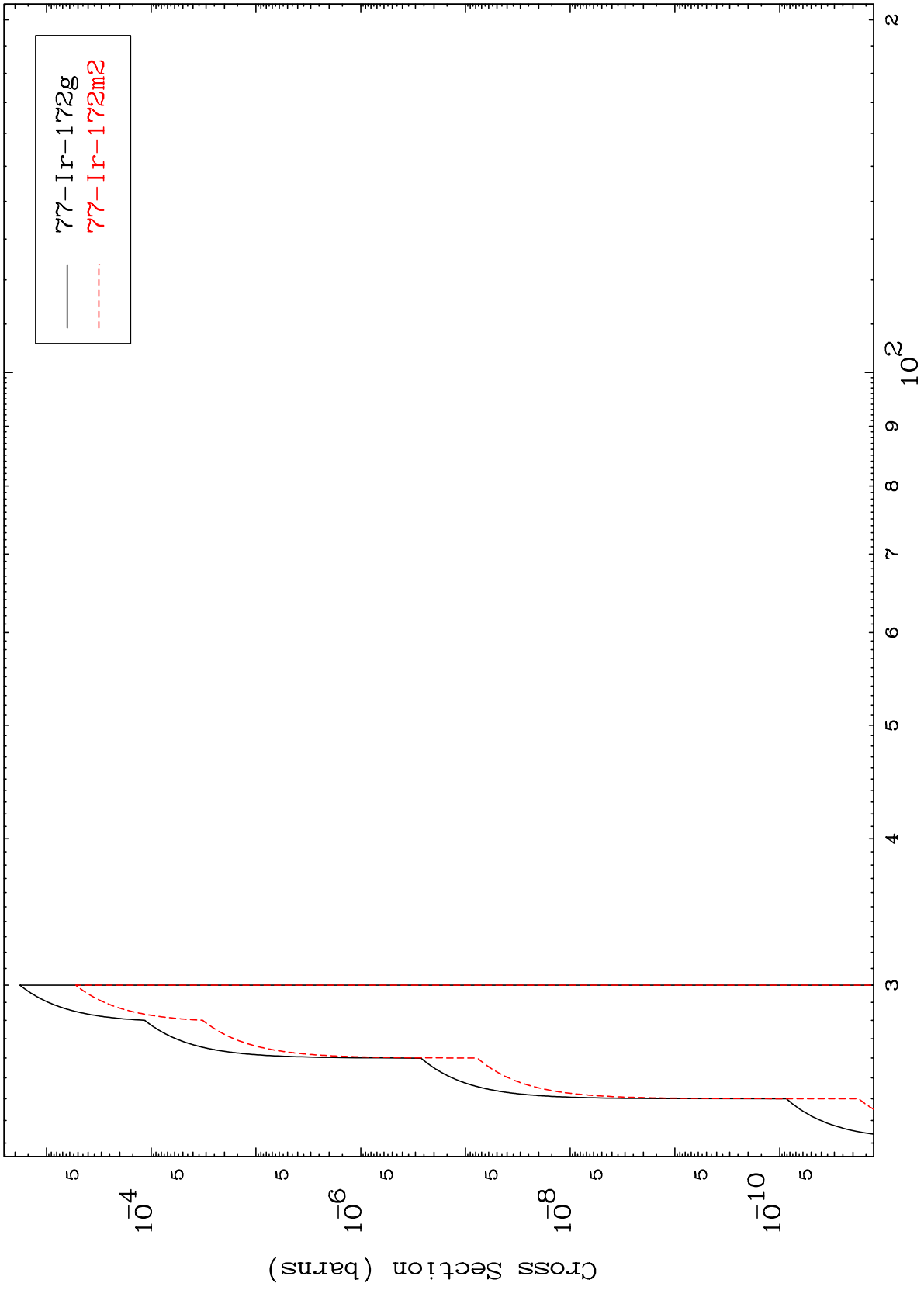
⁷⁷Ir-174

MAT 7674

(d,3n) p

77-Ir-174

Radionuclide Production Cross Section



18

Incident Energy (MeV)

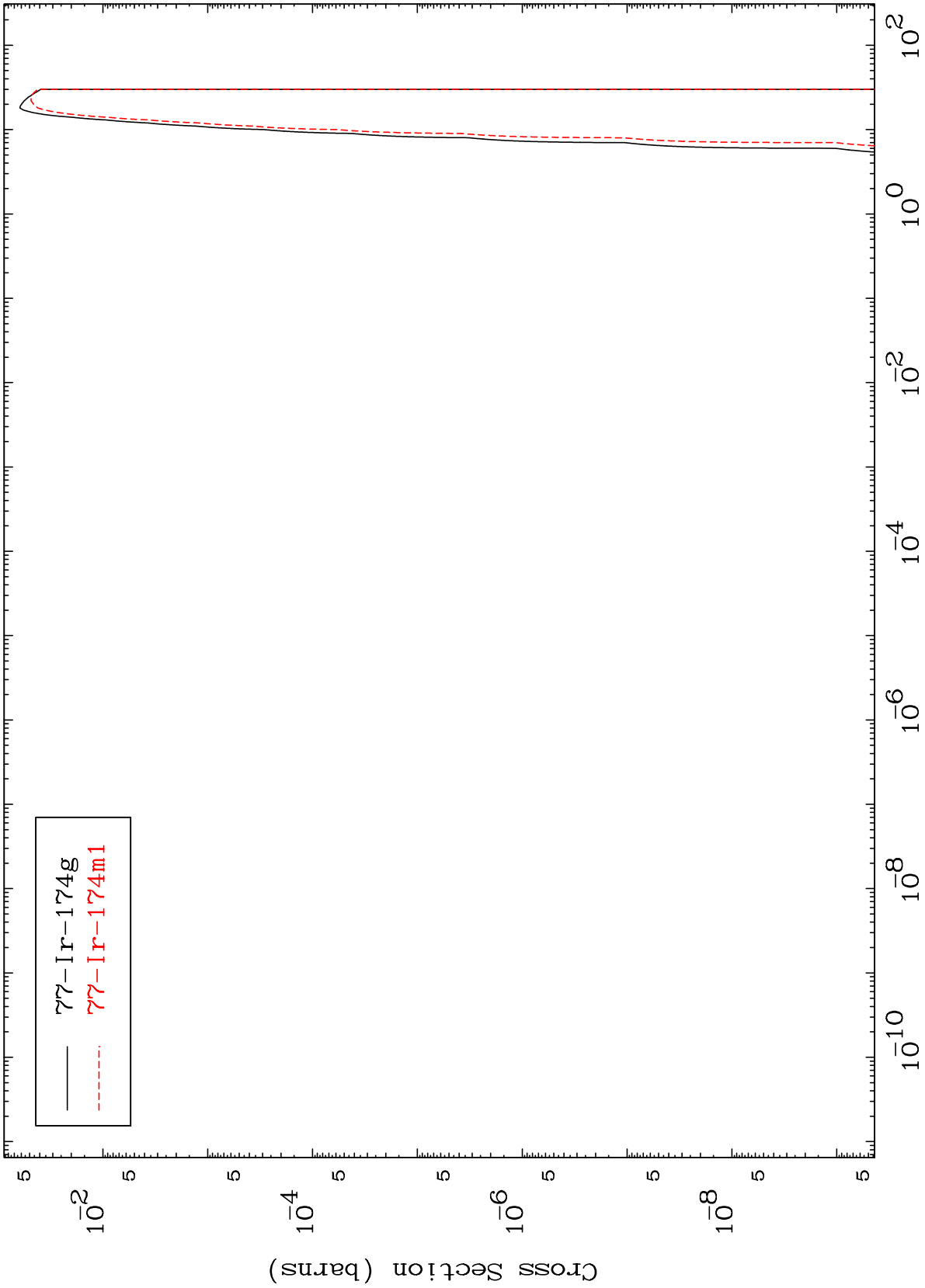
77-Ir-174

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(d,d)

Radionuclide Production Cross Section

⁷⁷Ir-174

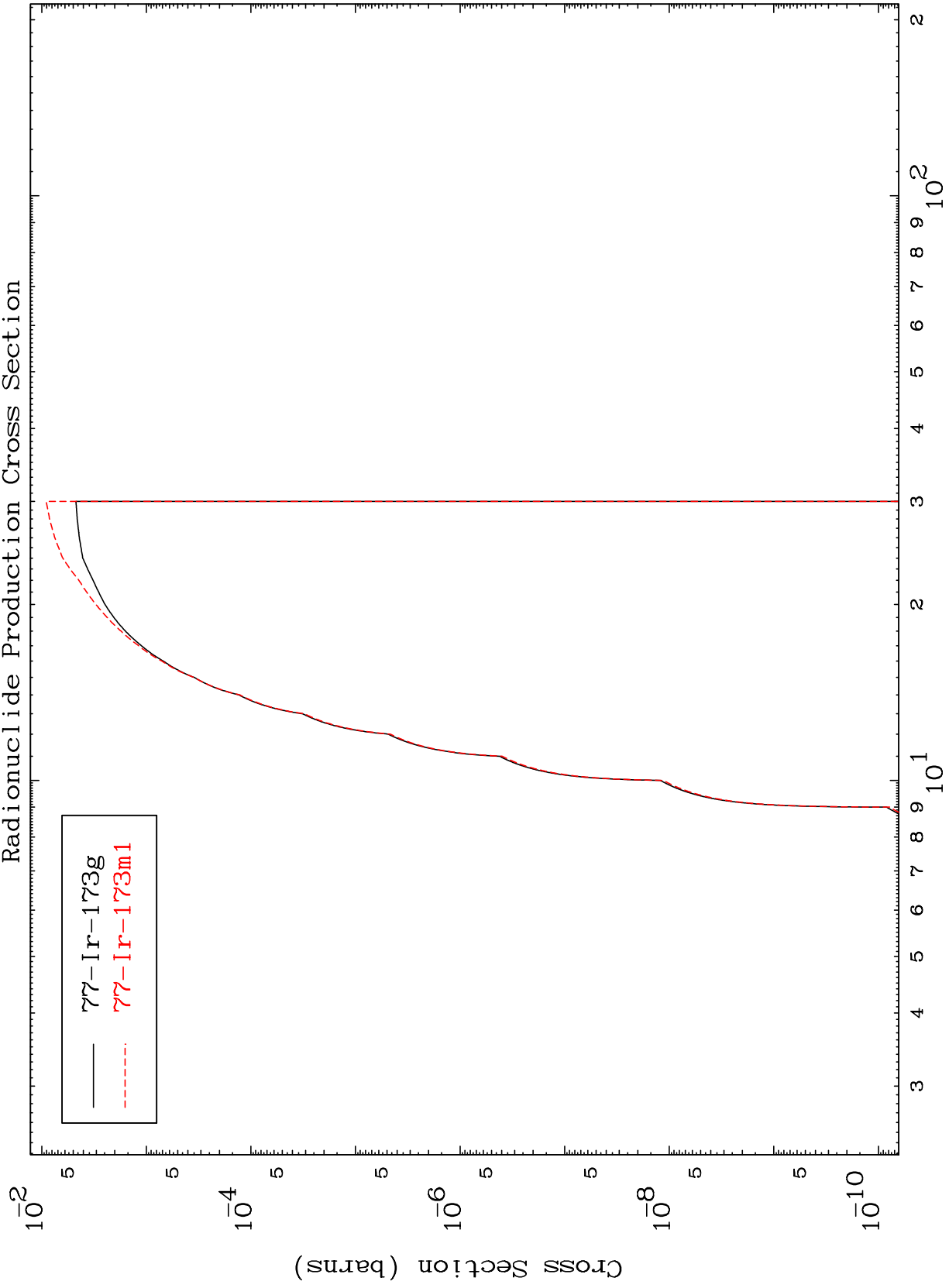


⁷⁷Ir-174

MAT 7674

(d, t)
Radionuclide Production Cross Section

⁷⁷Ir-174



20

Incident Energy (MeV)

⁷⁷Ir-174