

Program EVALPLOT
(Version 2021-1)

by

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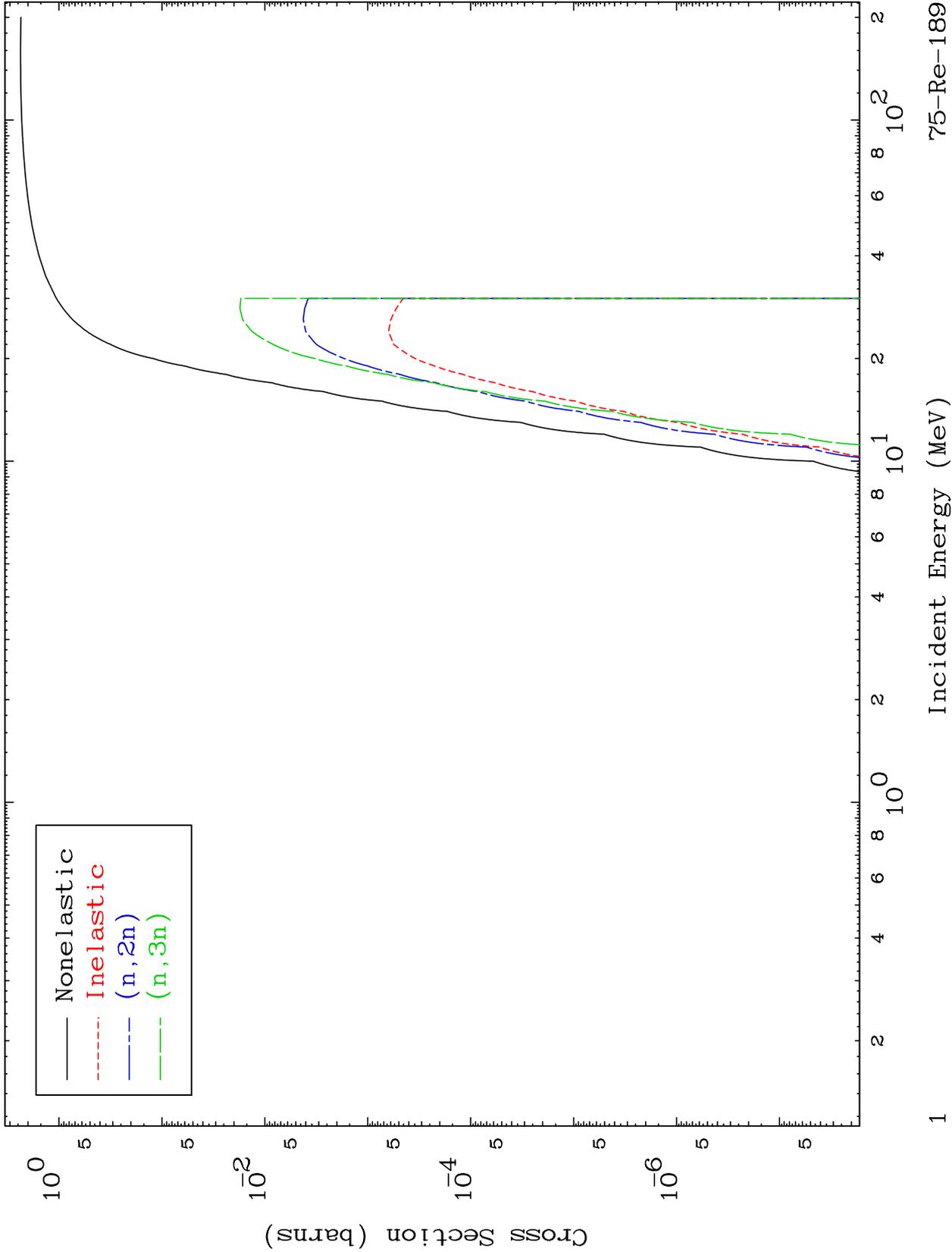
Press Mouse Button to Start

MAT 7537

He-3 Major

0 Kelvin Cross Sections

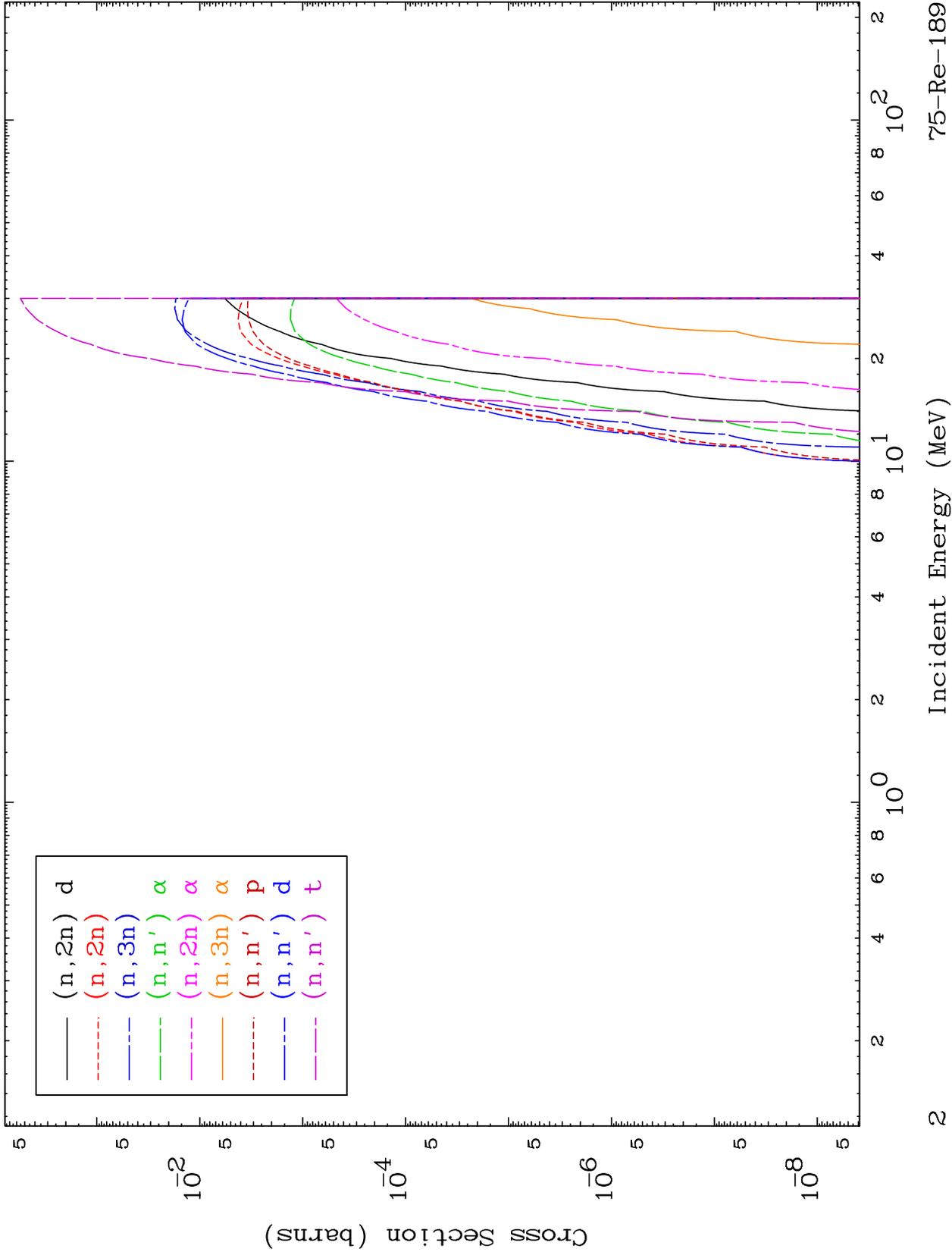
75-Re-189



MAT 7537

He-3 Neutron Absorption
0 Kelvin Cross Sections

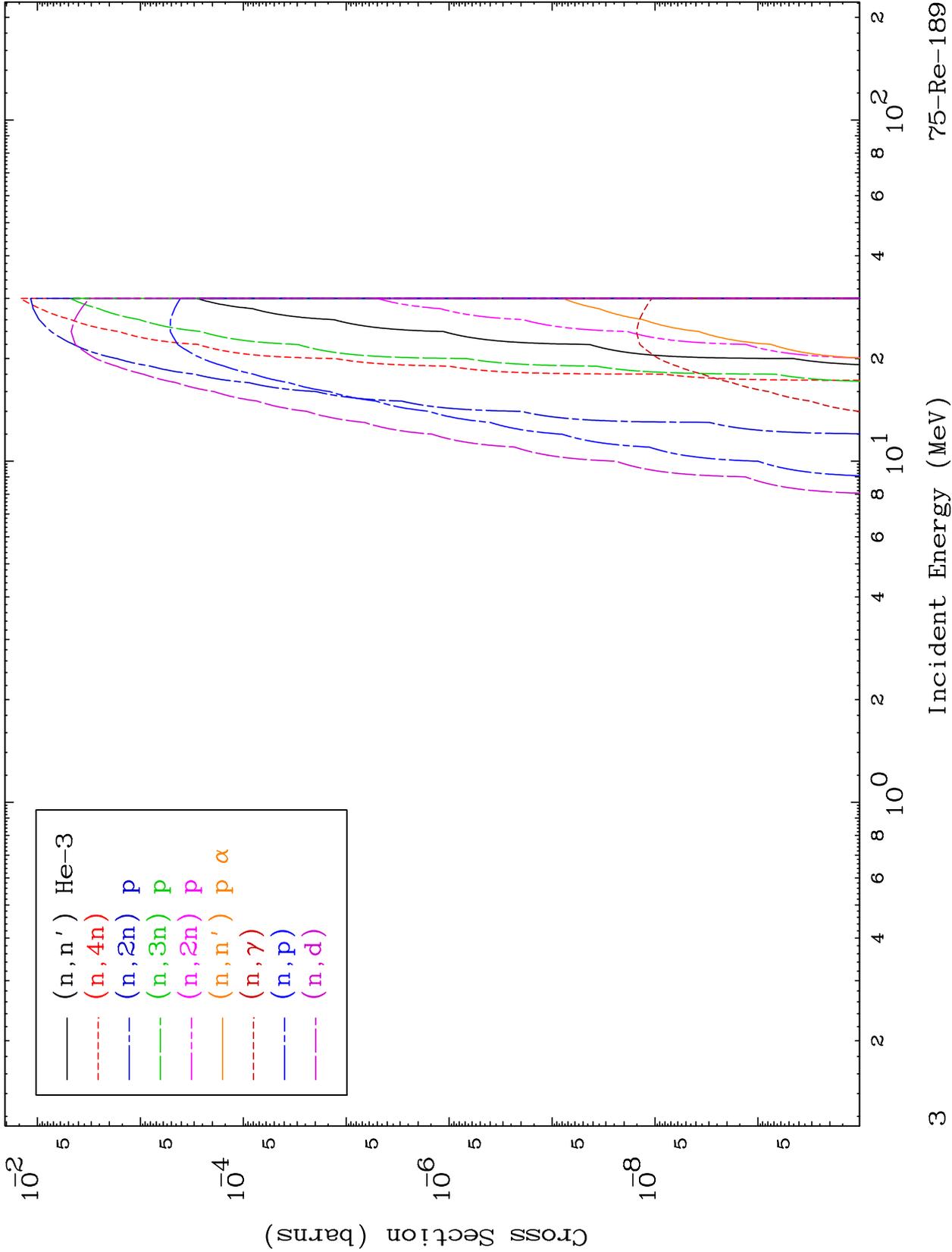
75-Re-189



MAT 7537

He-3 Neutron Absorption
0 Kelvin Cross Sections

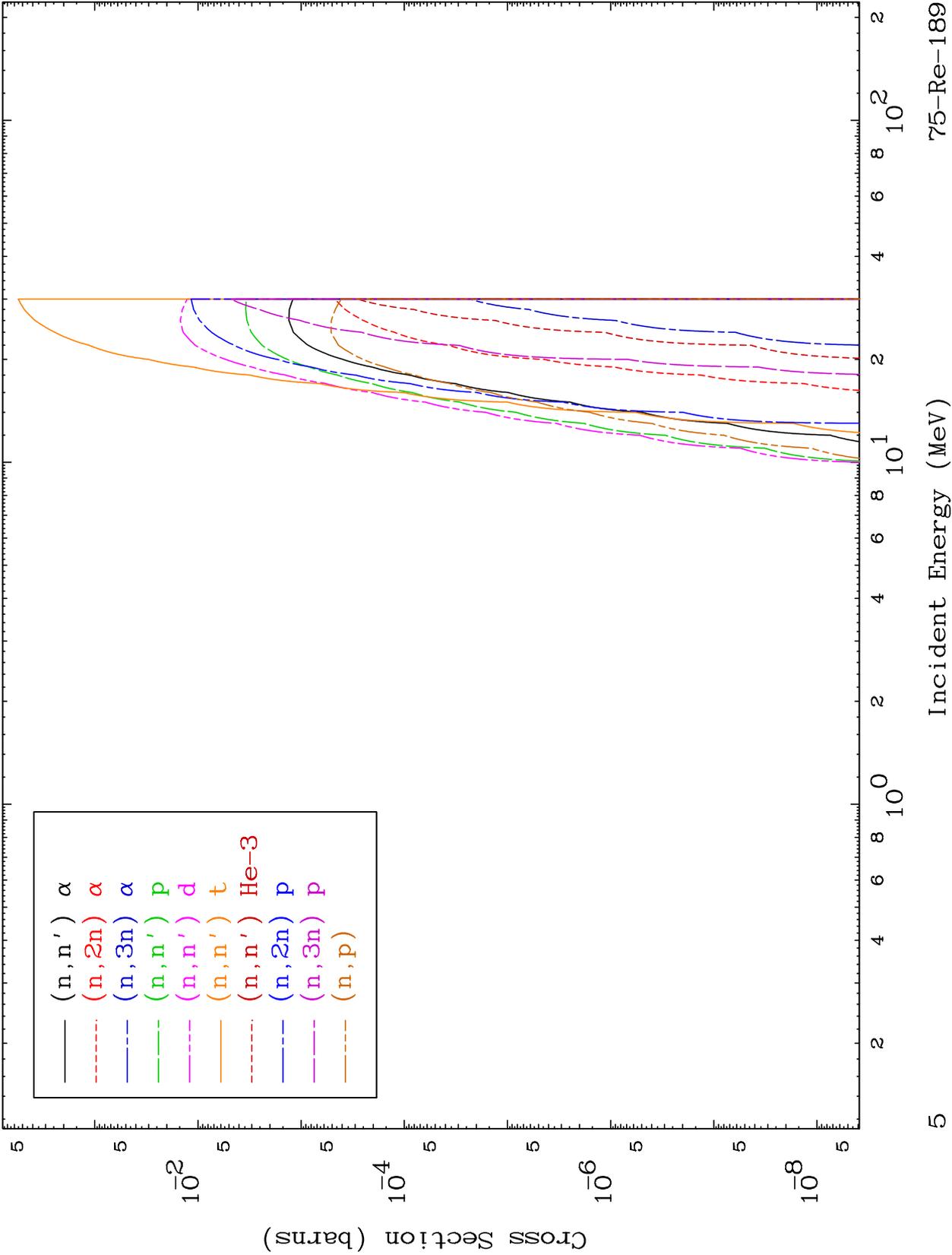
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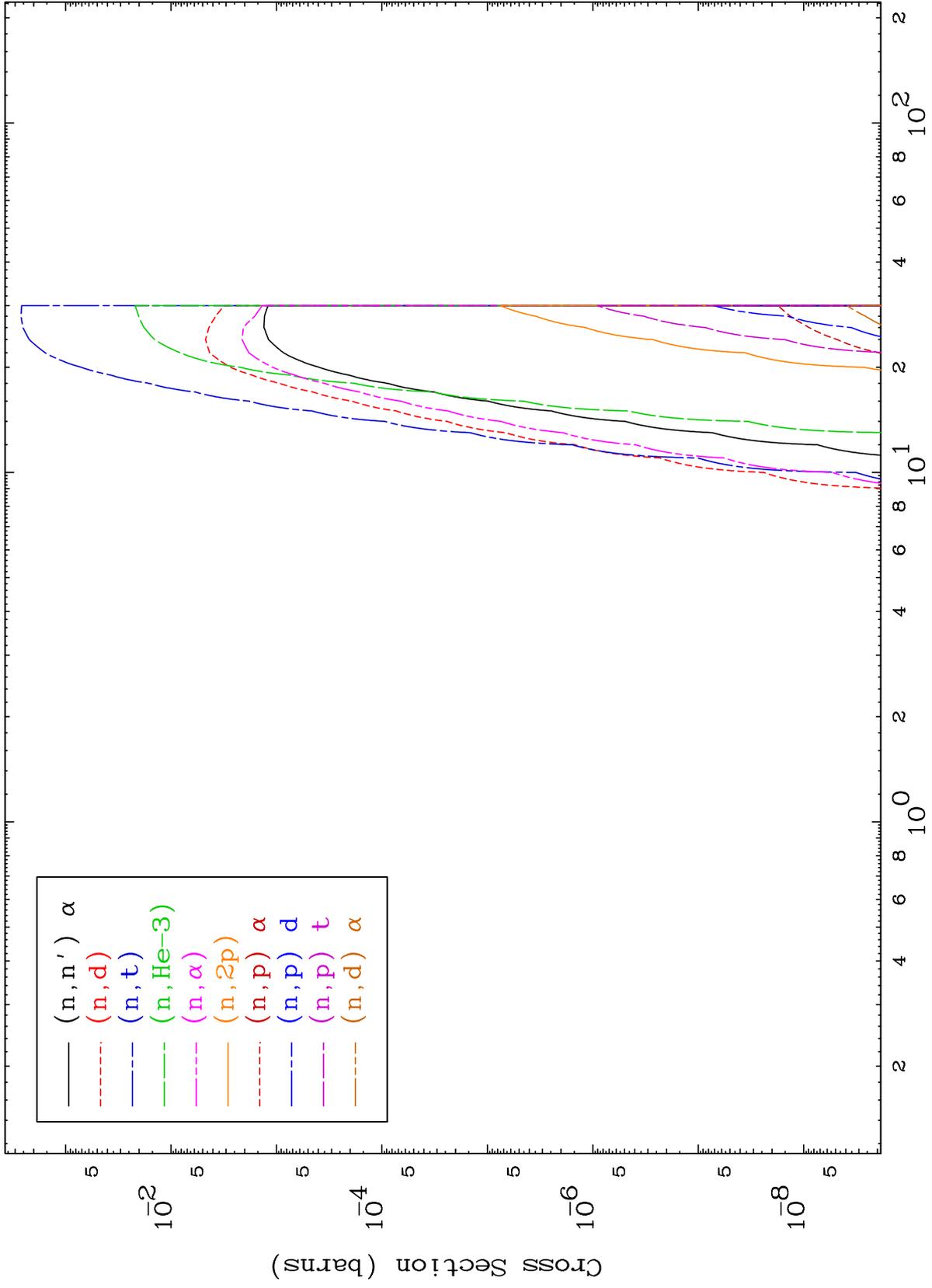


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He-3 Charged Particle
0 Kelvin Cross Sections

75-Re-189



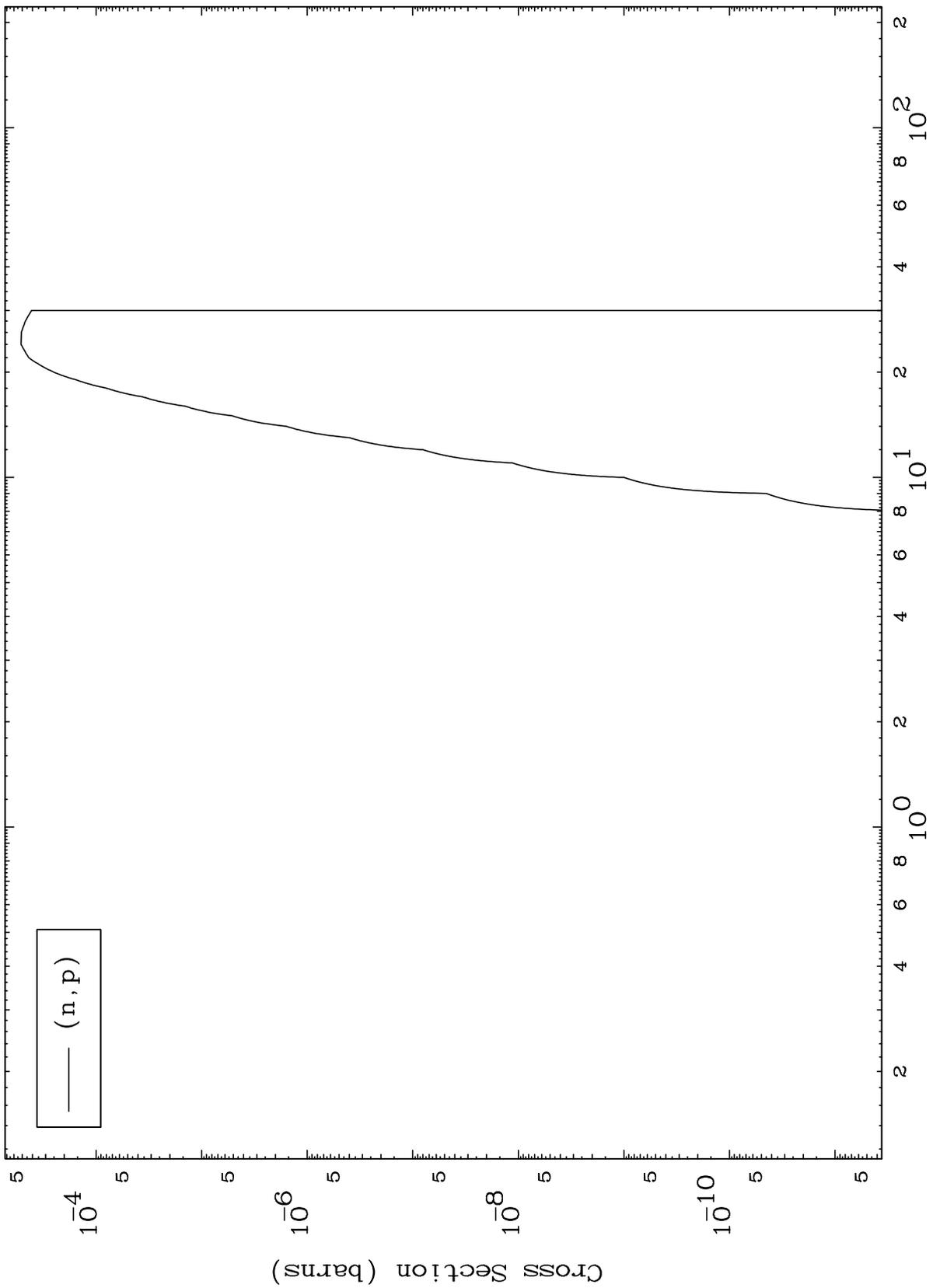


MAT 7537

(He-3,p) Levels

75-Re-189

0 Kelvin Cross Sections

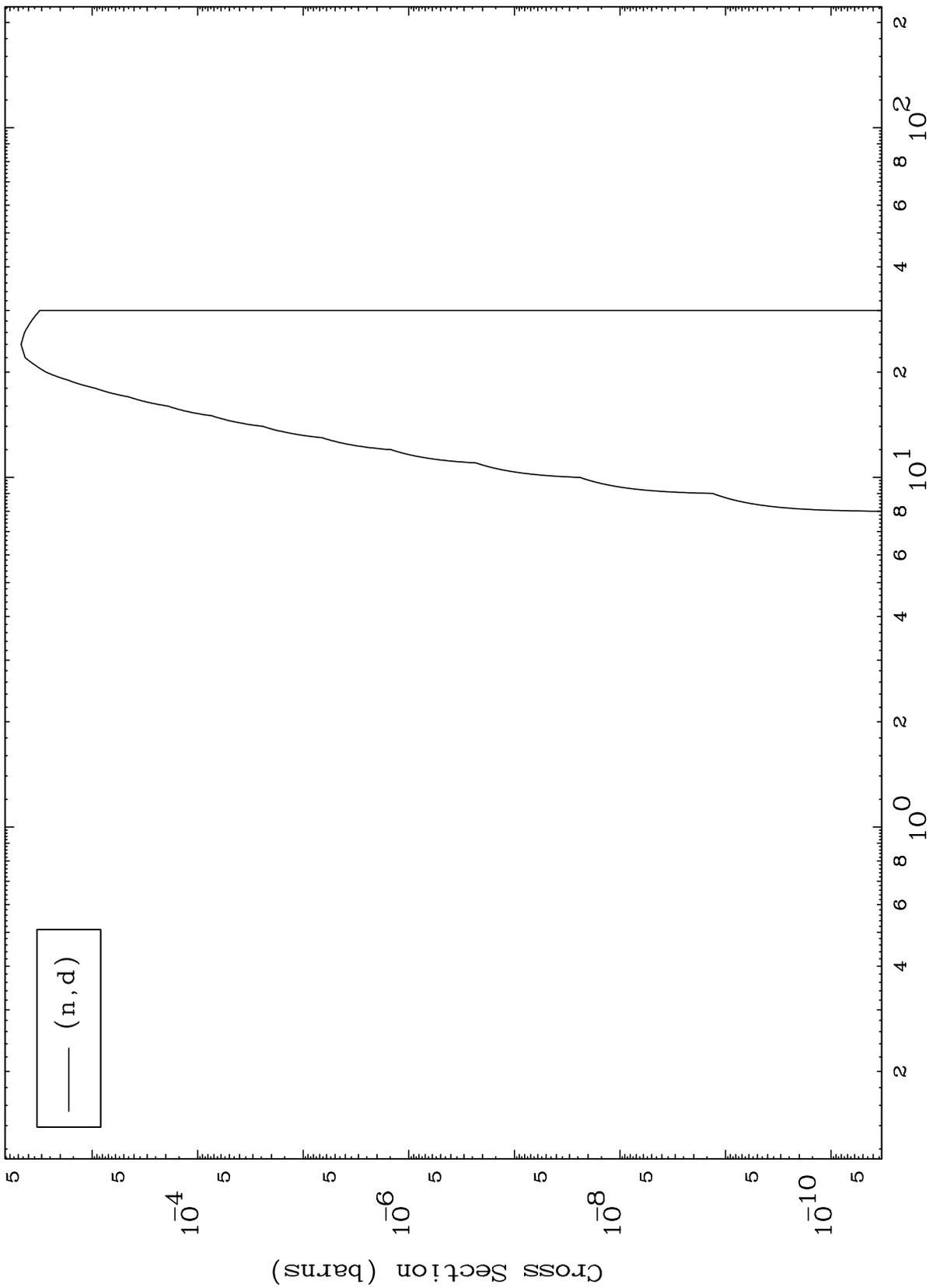


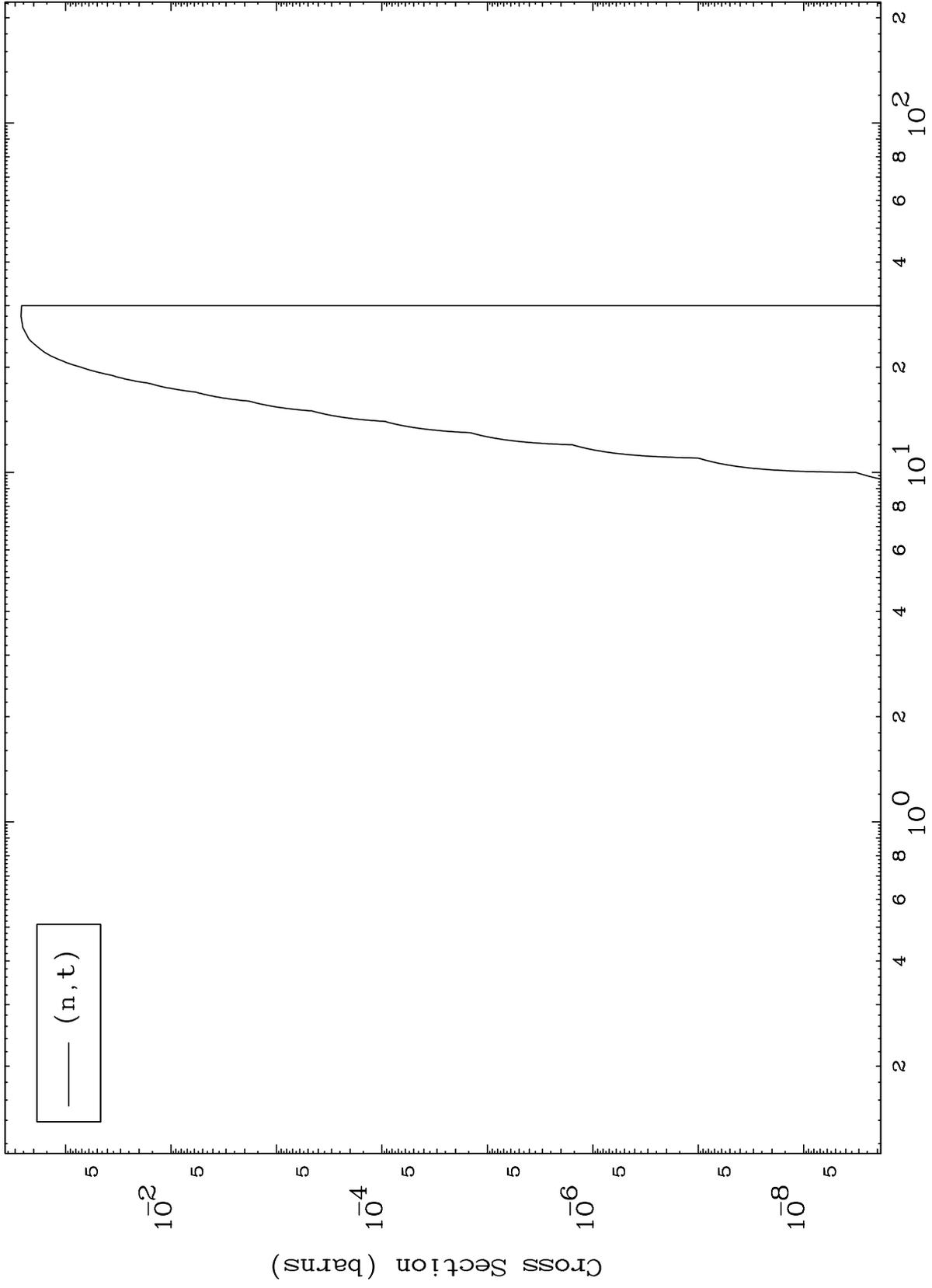
MAT 7537

(He-3,d) Levels

75-Re-189

0 Kelvin Cross Sections



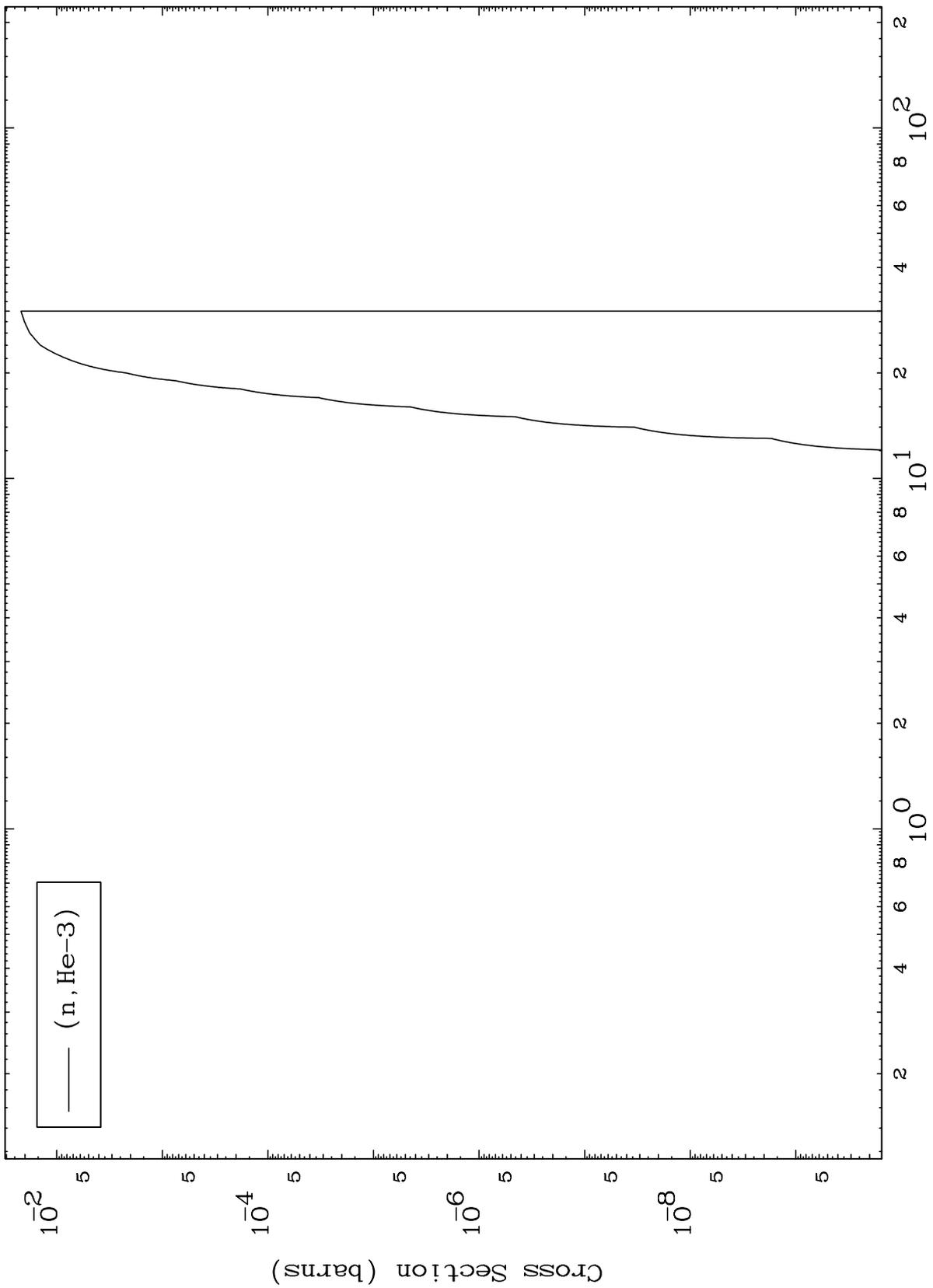


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(He-3, He3) Levels

75-Re-189

0 Kelvin Cross Sections



10

Incident Energy (MeV)

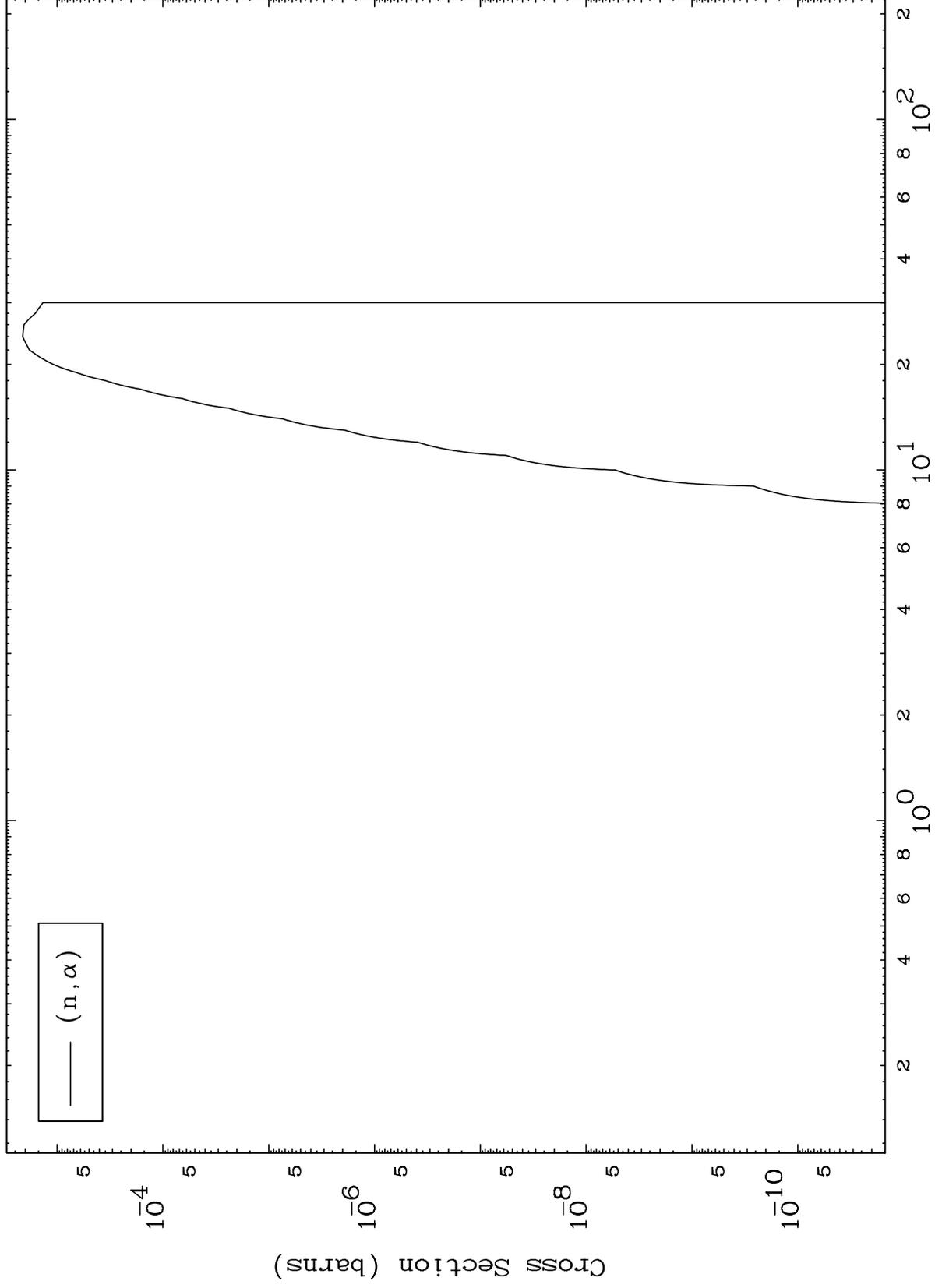
75-Re-189

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(He-3, α) Levels

75-Re-189

0 Kelvin Cross Sections



11

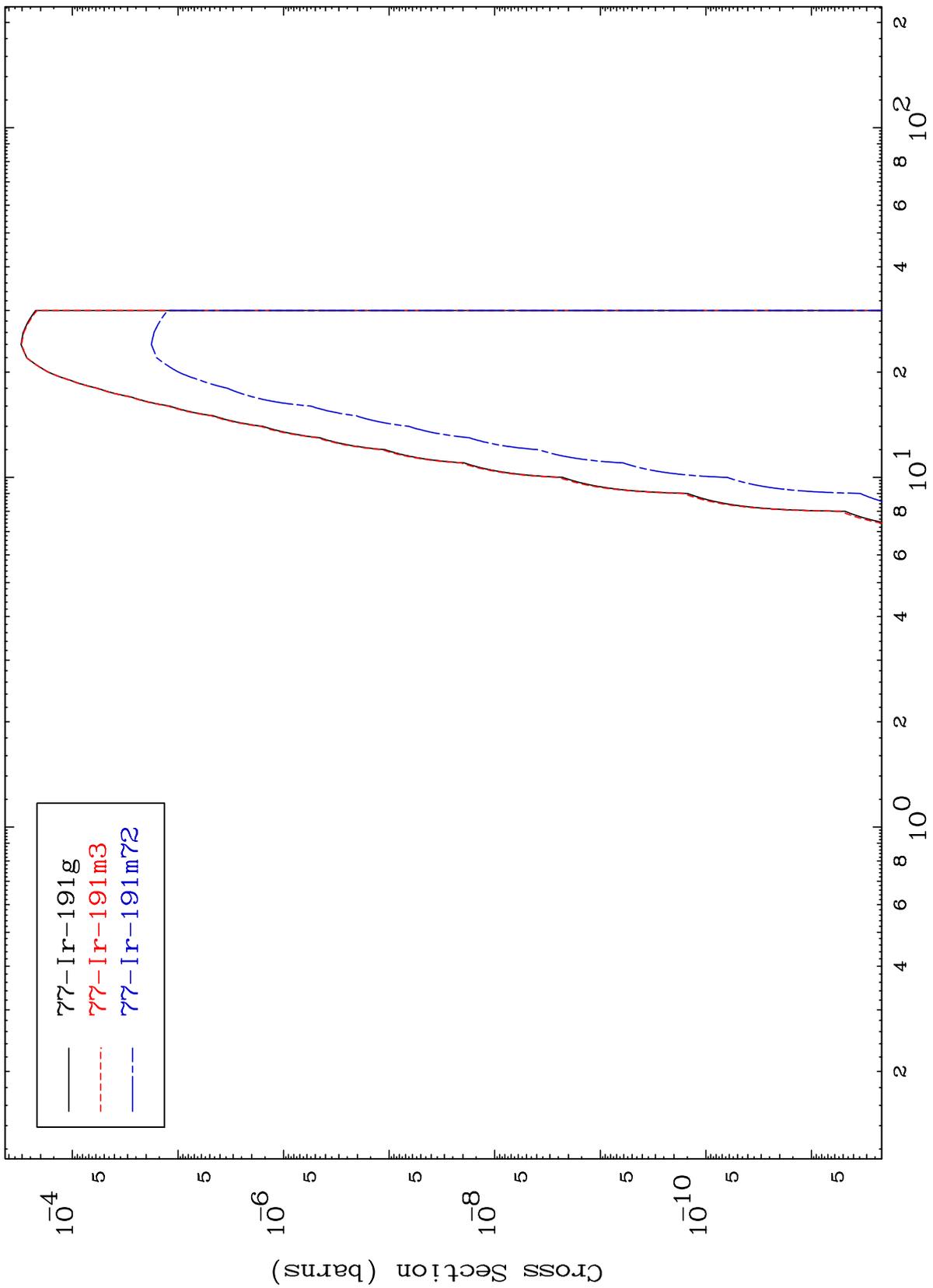
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

Inelastic
Radionuclide Production Cross Section



75-Re-189

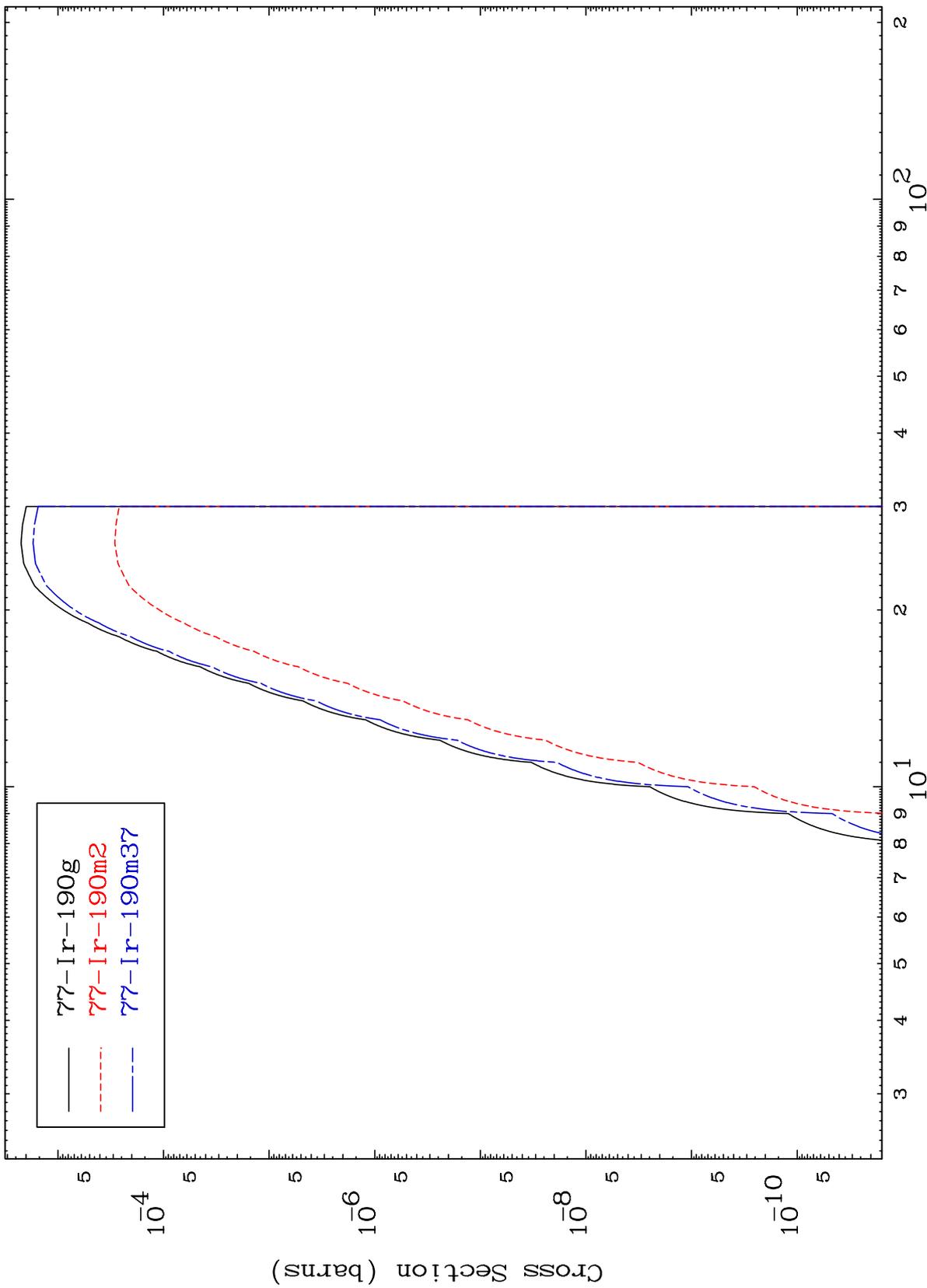
Incident Energy (MeV)

12

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75-Re-189

(n,2n)
Radionuclide Production Cross Section



Incident Energy (MeV)

75-Re-189

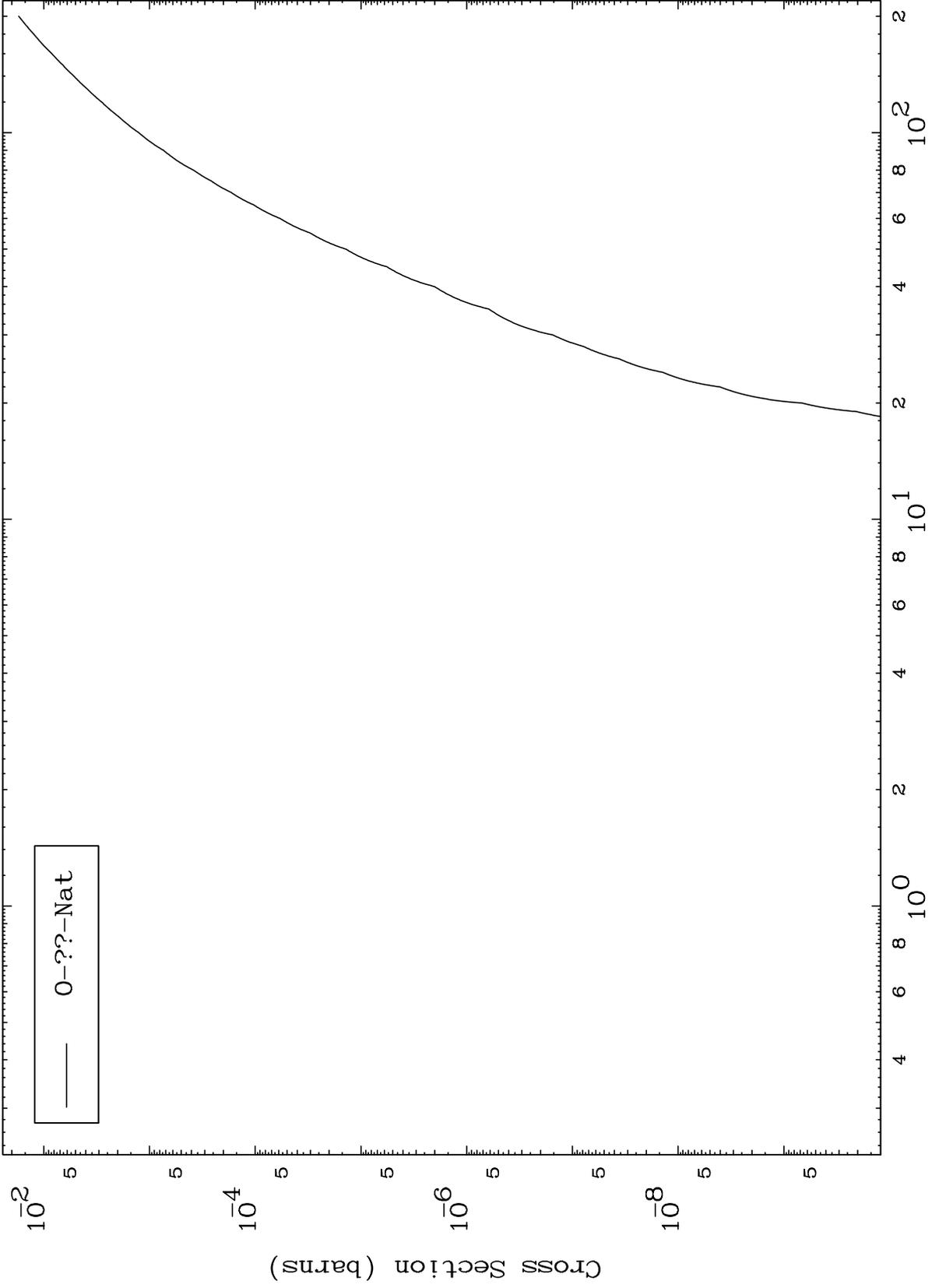
13

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Fission

⁷⁵Re-¹⁸⁹

Radionuclide Production Cross Section



14

Incident Energy (MeV)

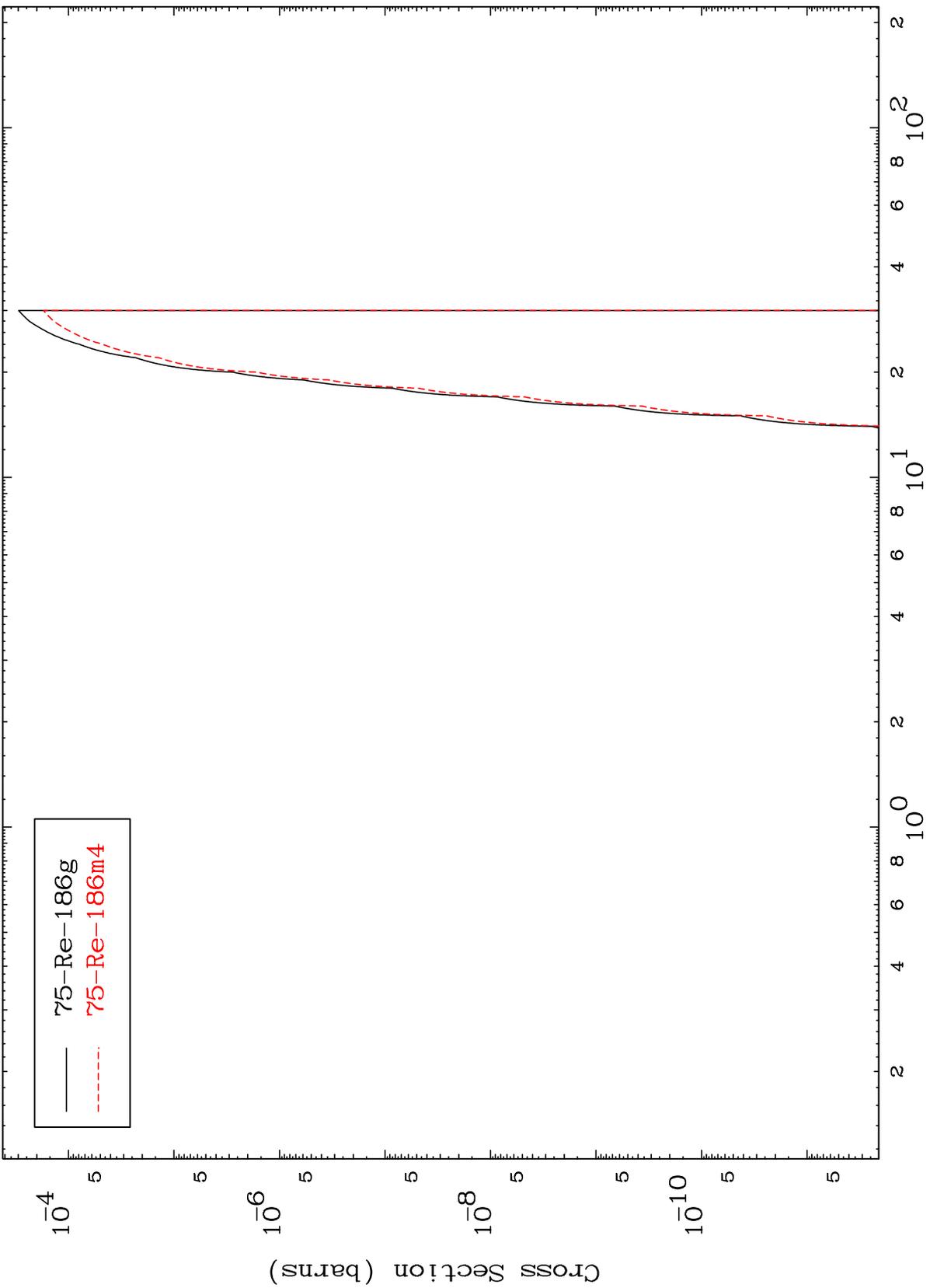
⁷⁵Re-¹⁸⁹

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(n,2n) α

75-Re-189

Radionuclide Production Cross Section



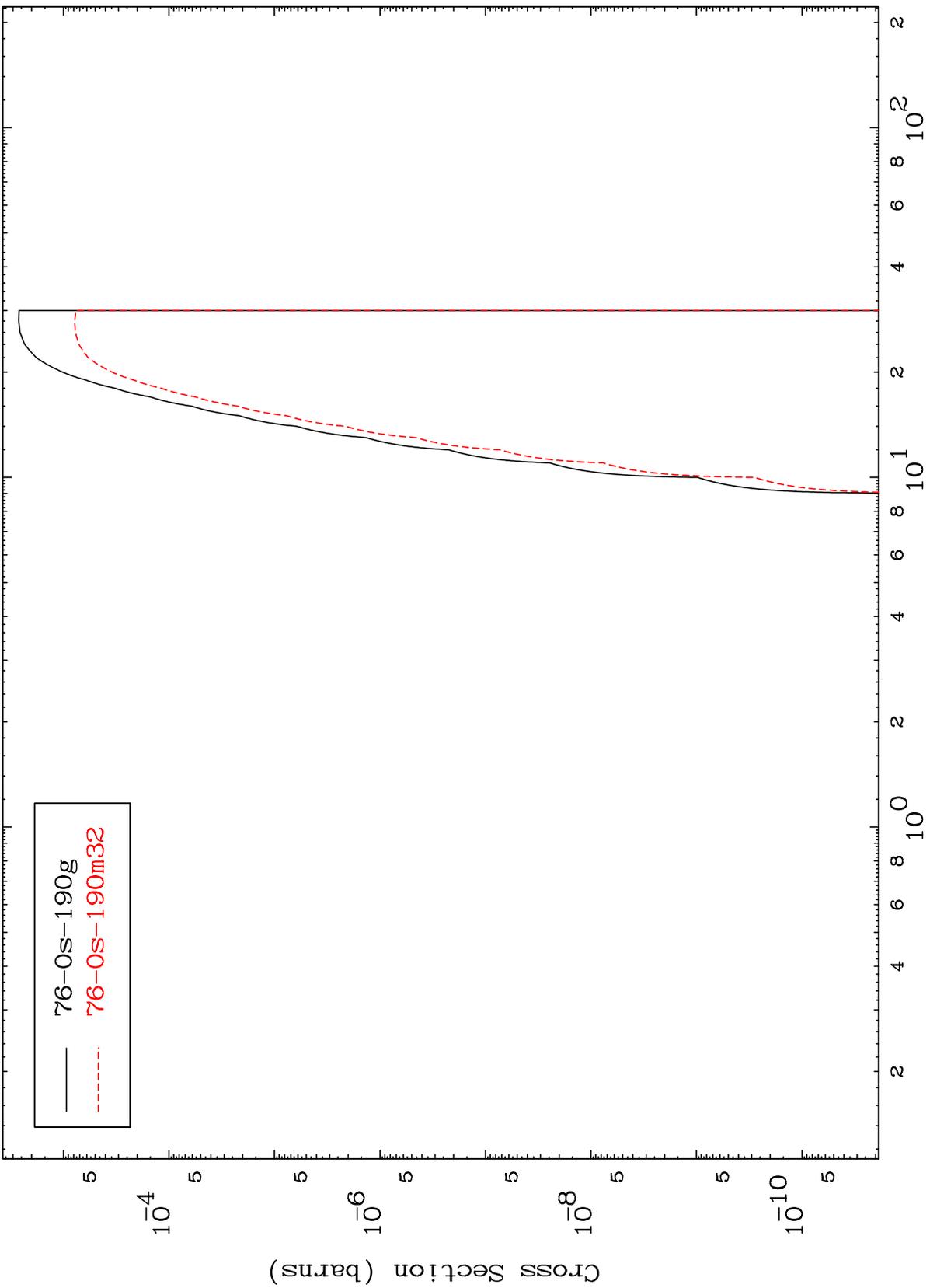
75-Re-186g
75-Re-186m4

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(n,n') p

75-Re-189

Radionuclide Production Cross Section

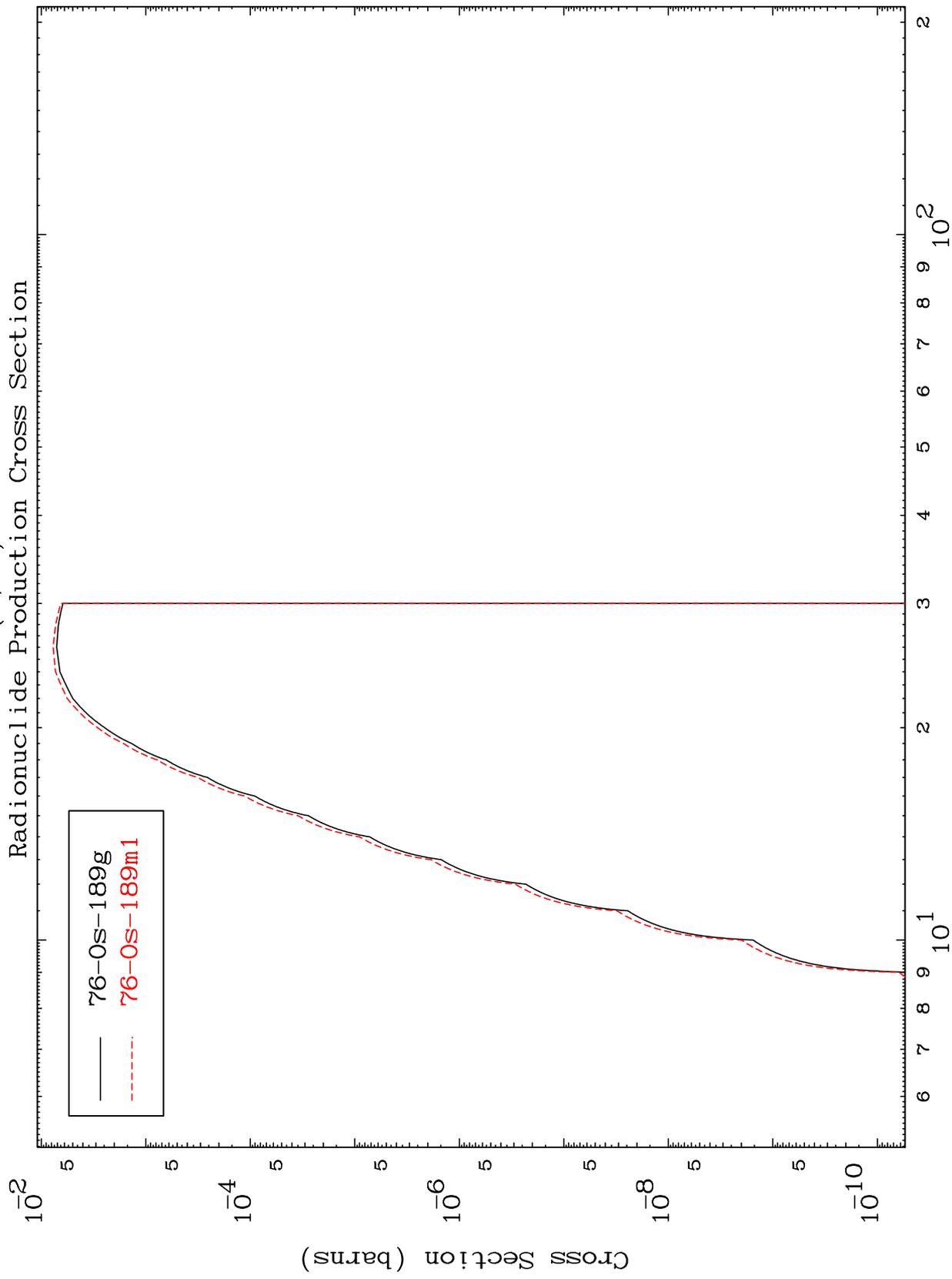


76-Os-190g
76-Os-190m32

MAT 7537

(n,n') d

75-Re-189



17

Incident Energy (MeV)

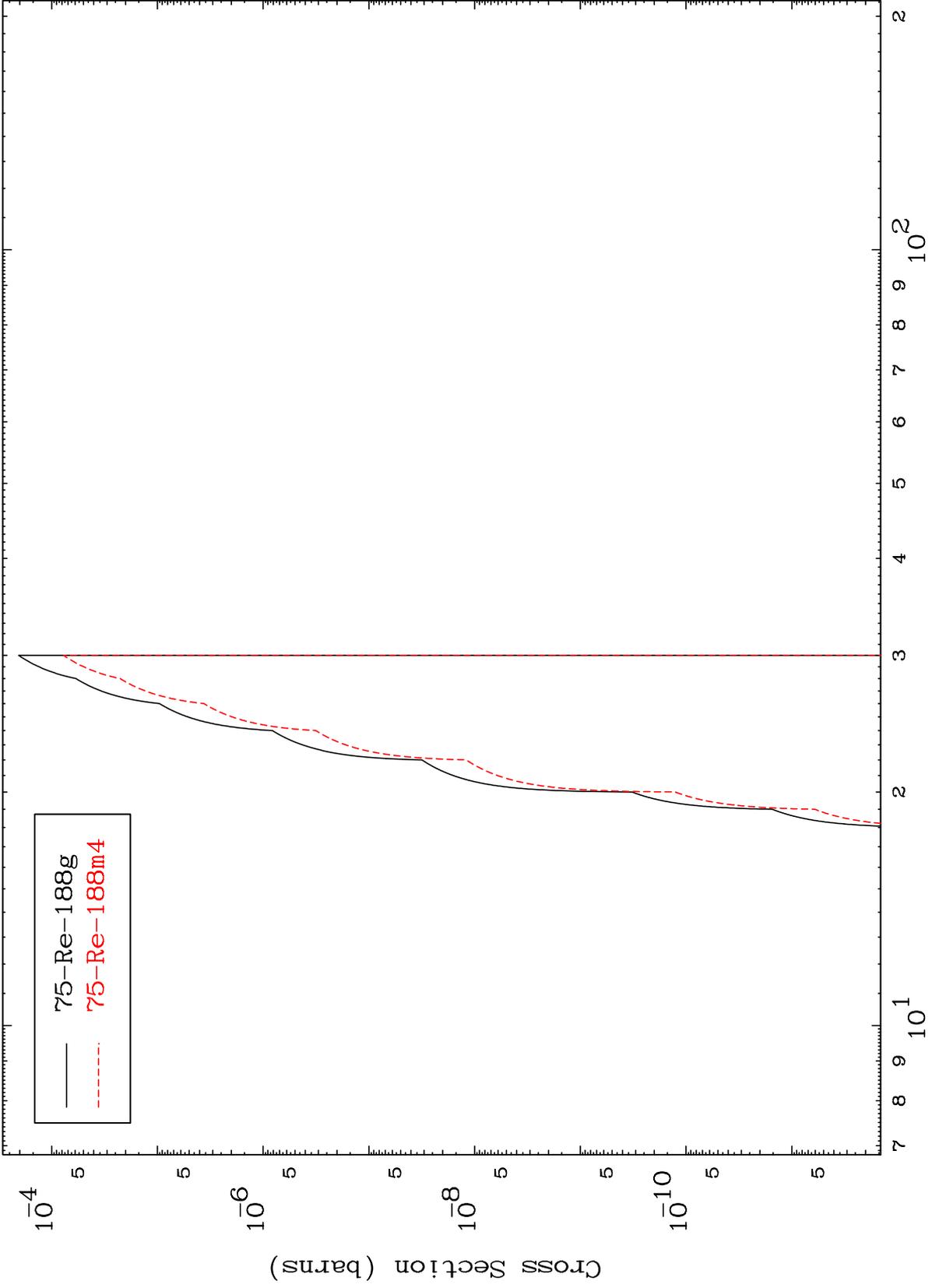
75-Re-189

MAT 7537

(n,n') He-3

75-Re-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

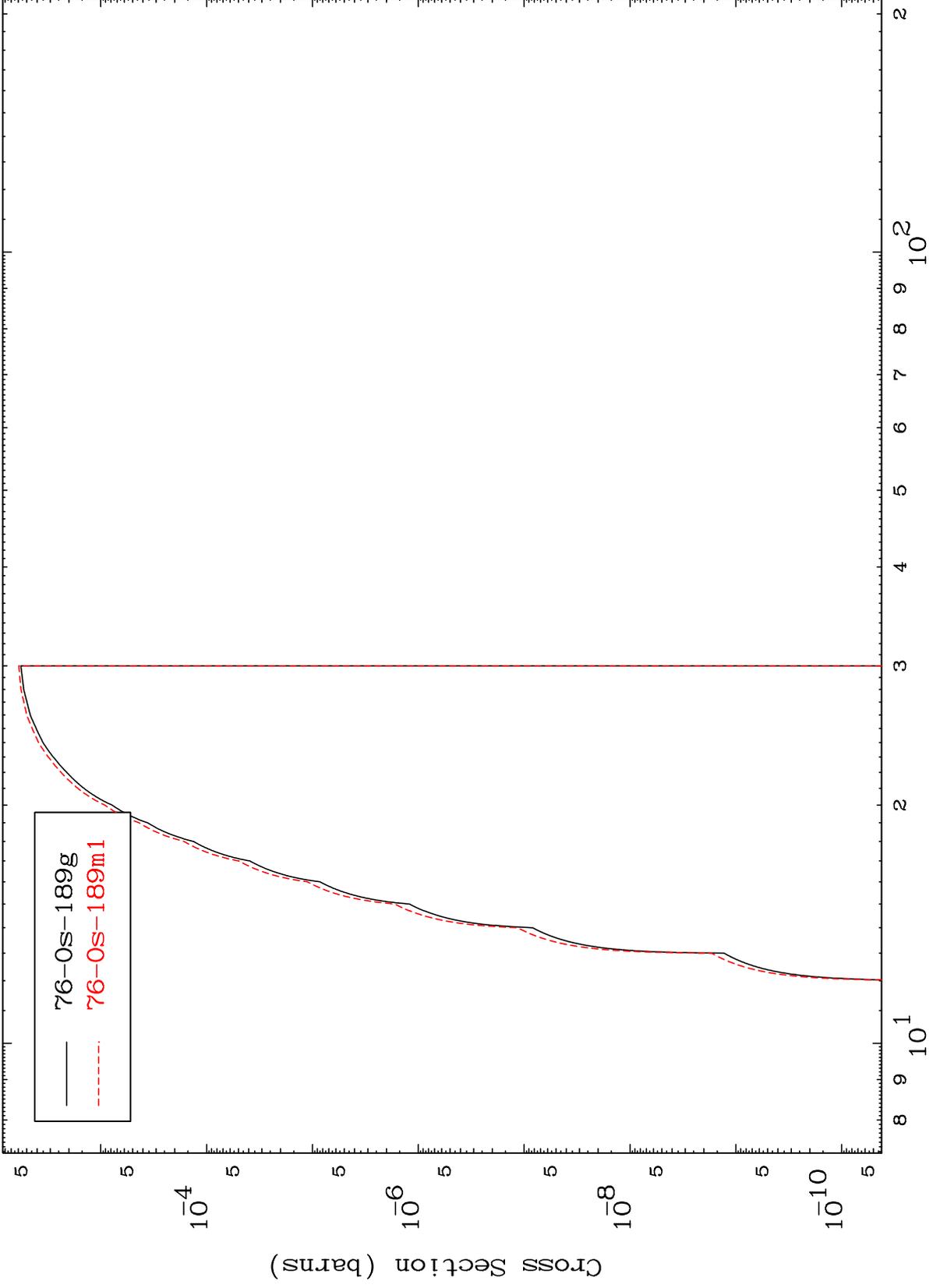
75-Re-189

MAT 7537

(n,2n) p

75-Re-189

Radionuclide Production Cross Section



19

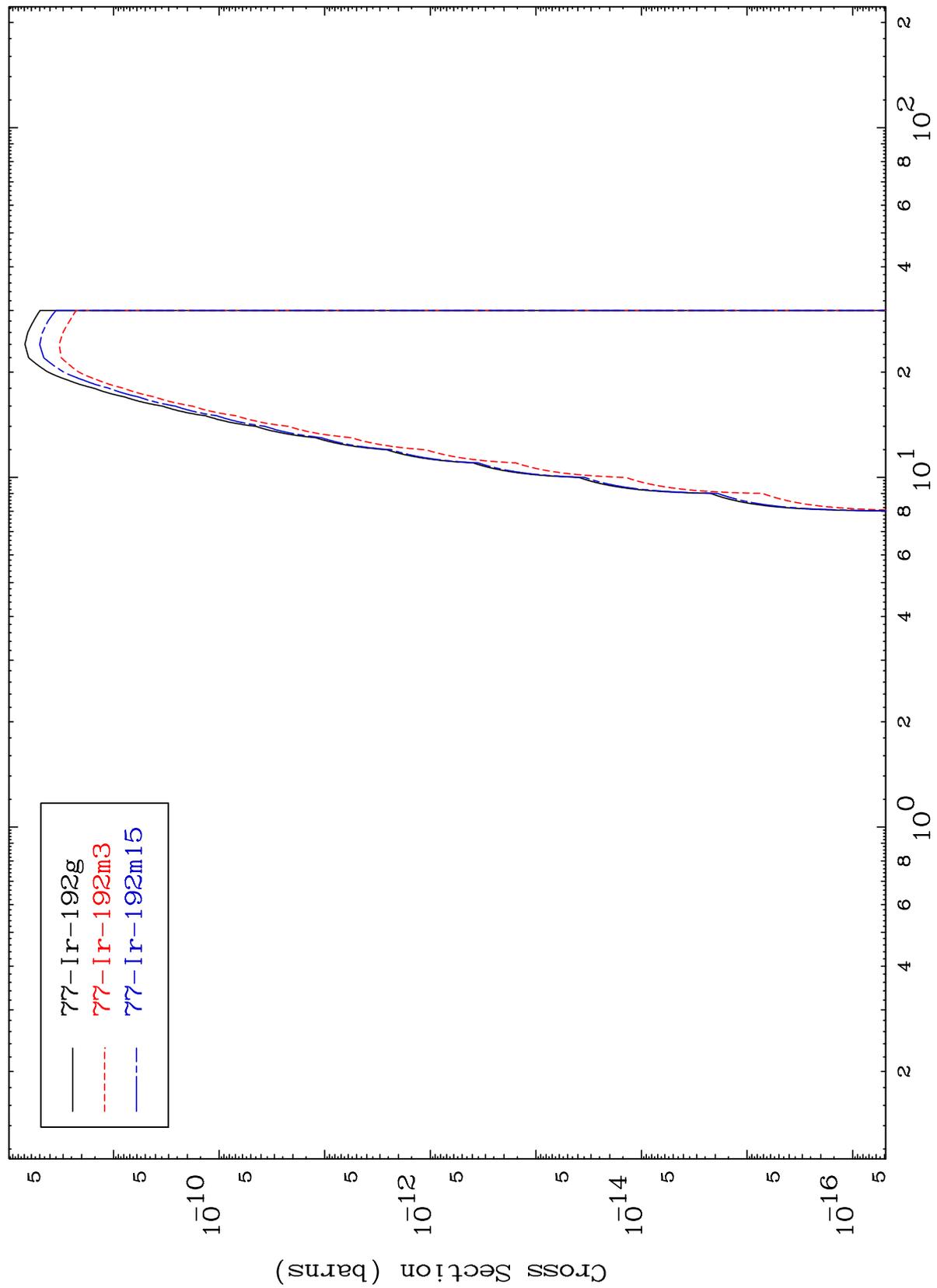
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

(n, γ)
Radionuclide Production Cross Section



75-Re-189

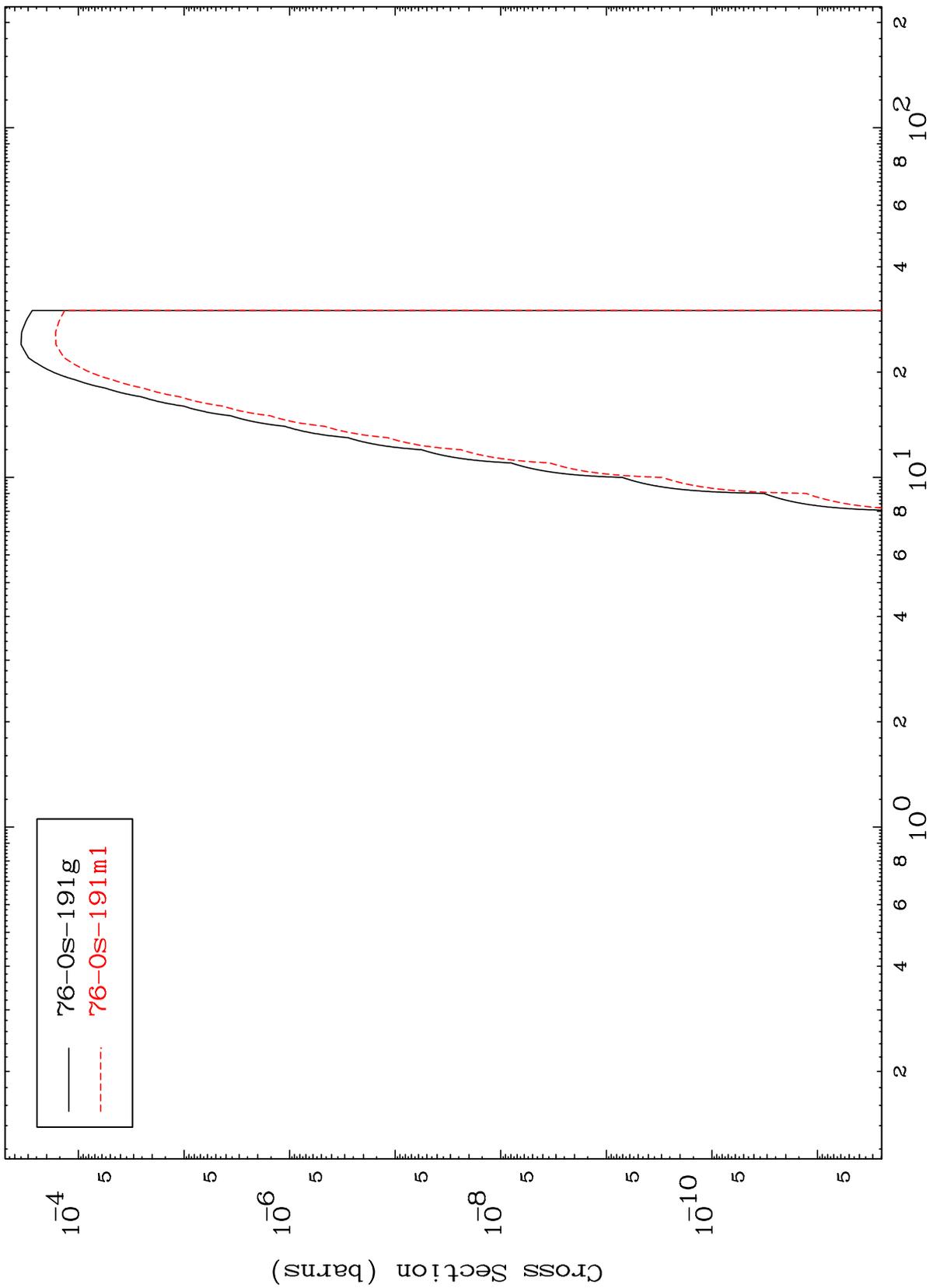
Incident Energy (MeV)

20

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75-Re-189

(n,p)
Radionuclide Production Cross Section



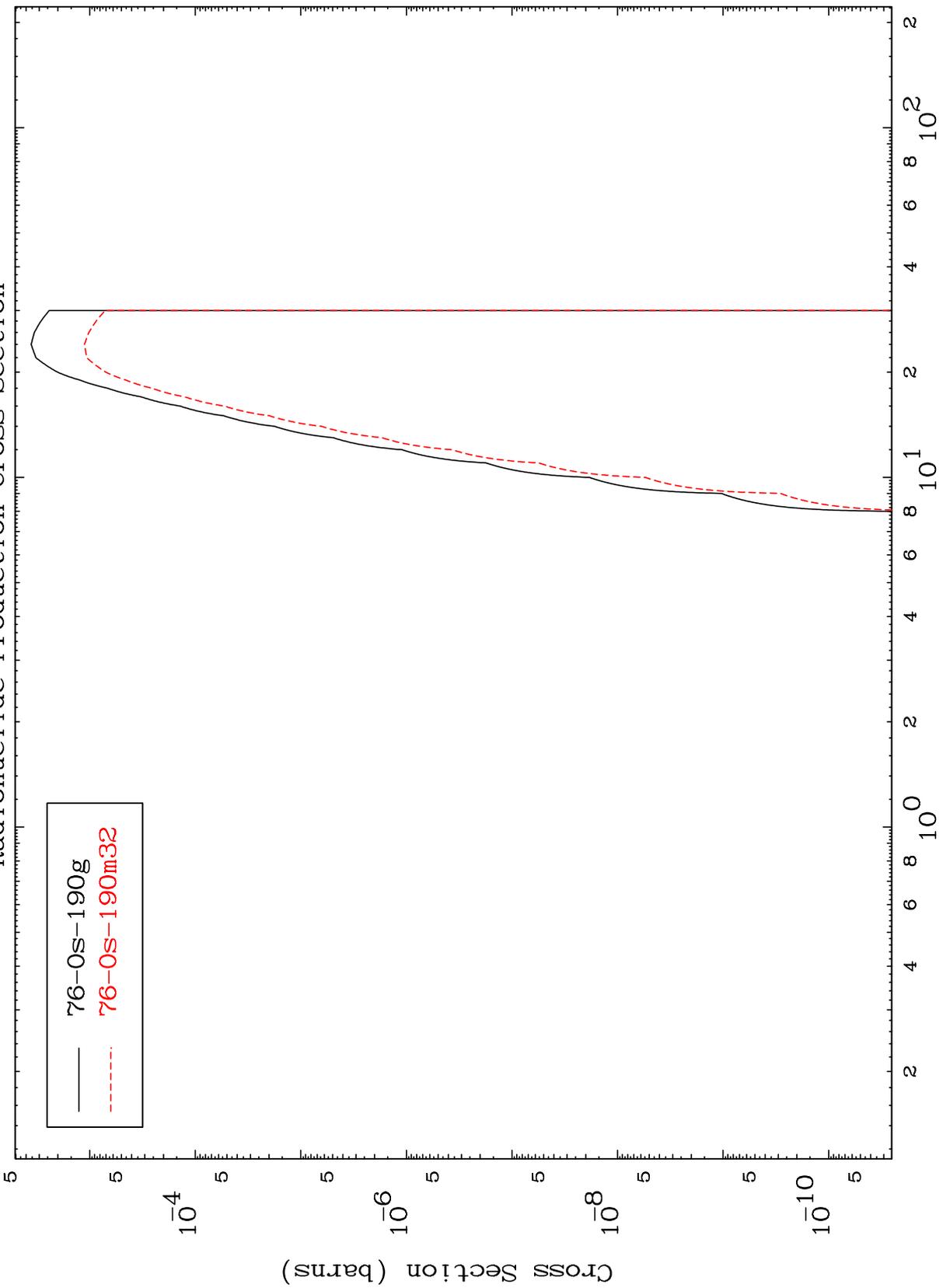
75-Re-189

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(n,d)

75-Re-189

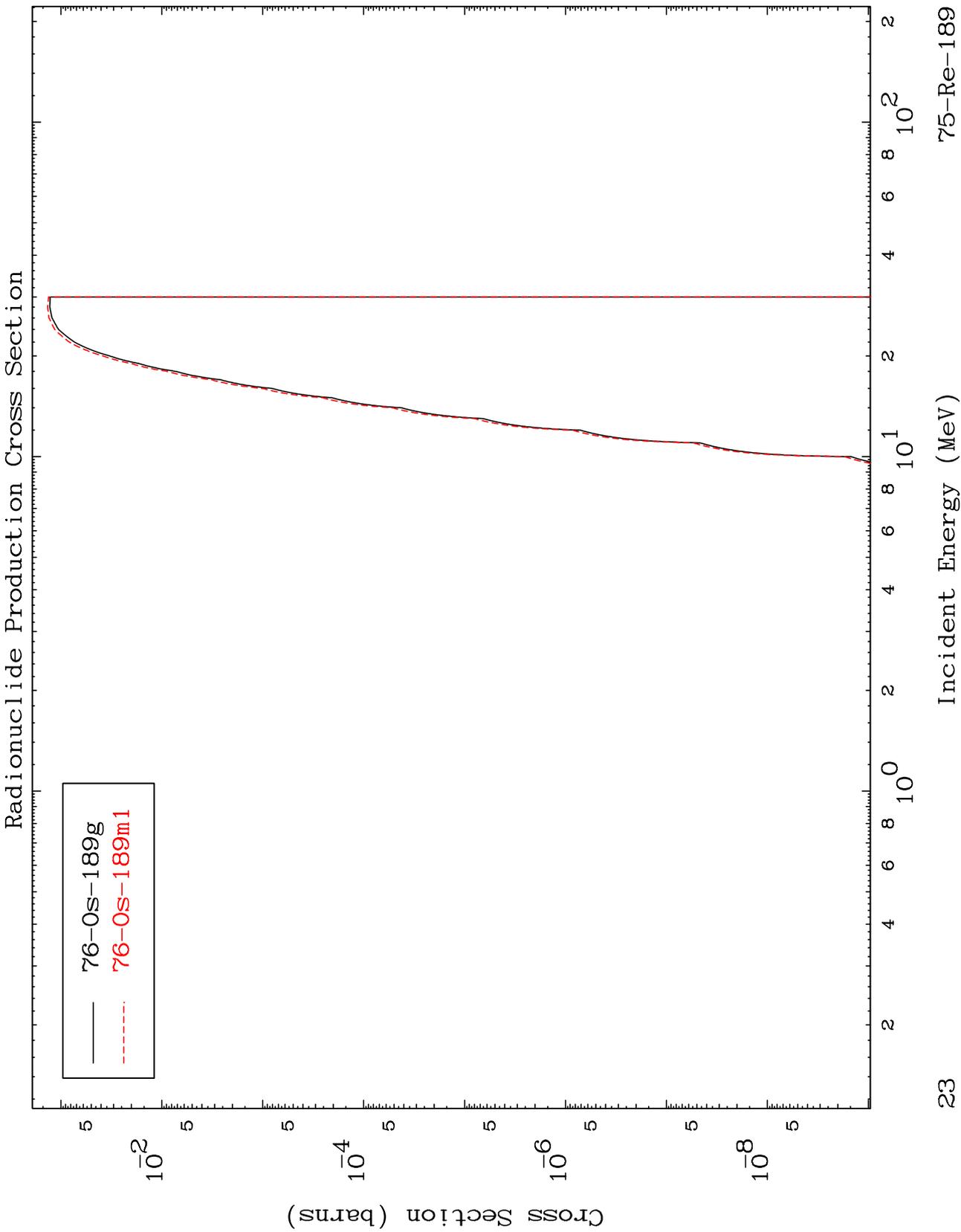
Radionuclide Production Cross Section



76-Os-190g
76-Os-190m32

MAT 7537

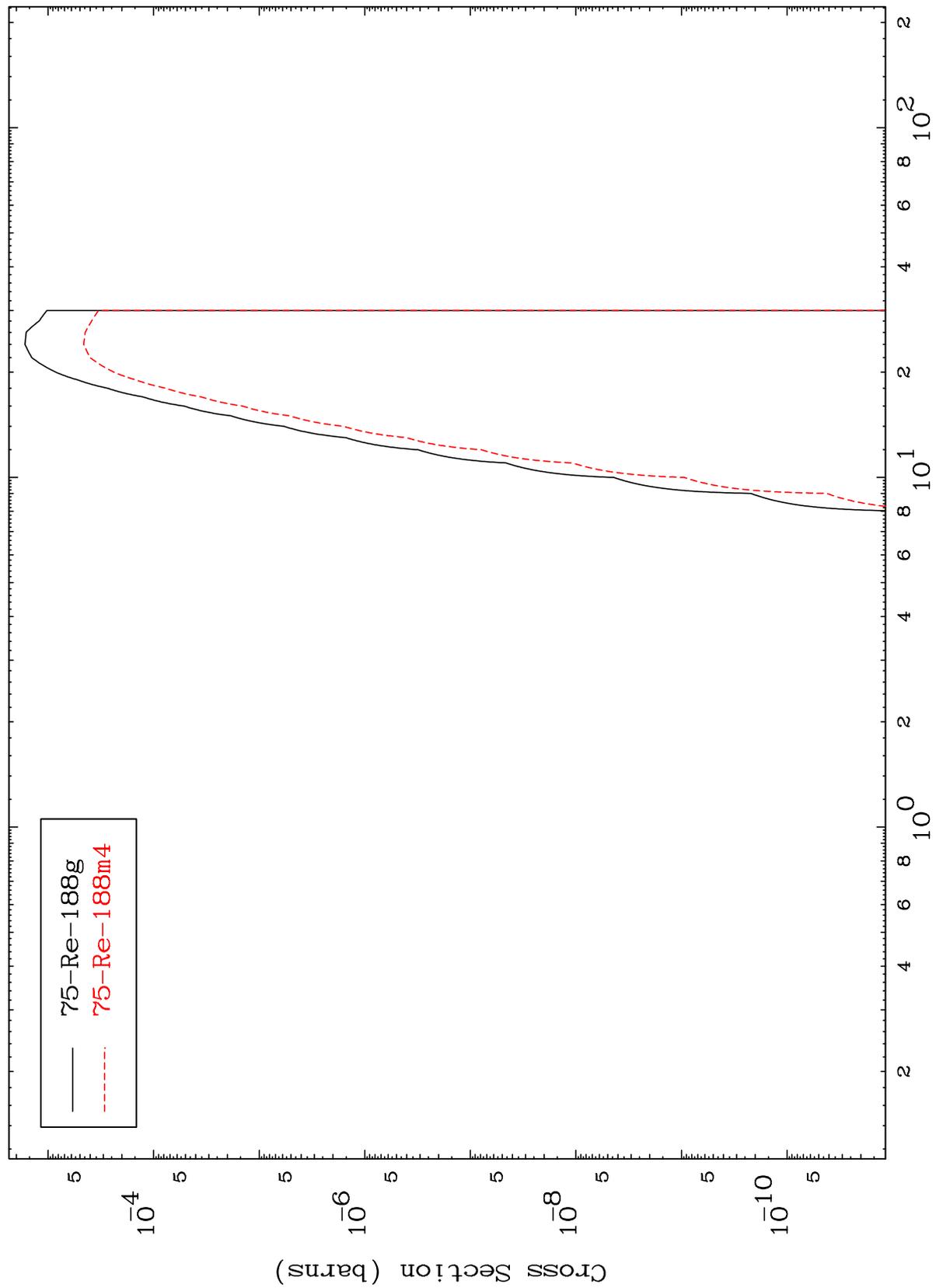
75-Re-189



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75-Re-189

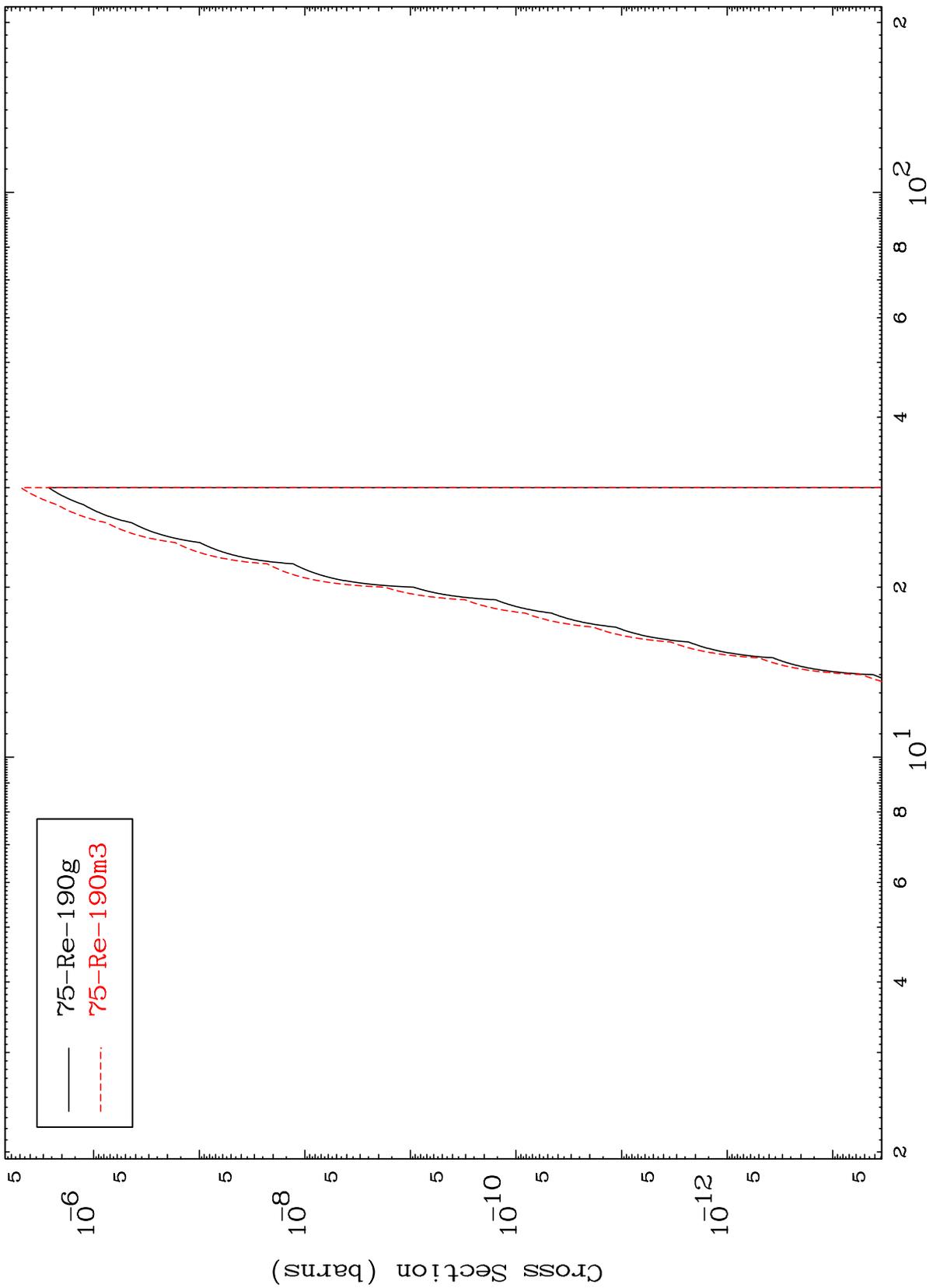
Radionuclide Production Cross Section
(n, α)



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75-Re-189

(n,2p)
Radionuclide Production Cross Section



25

75-Re-189

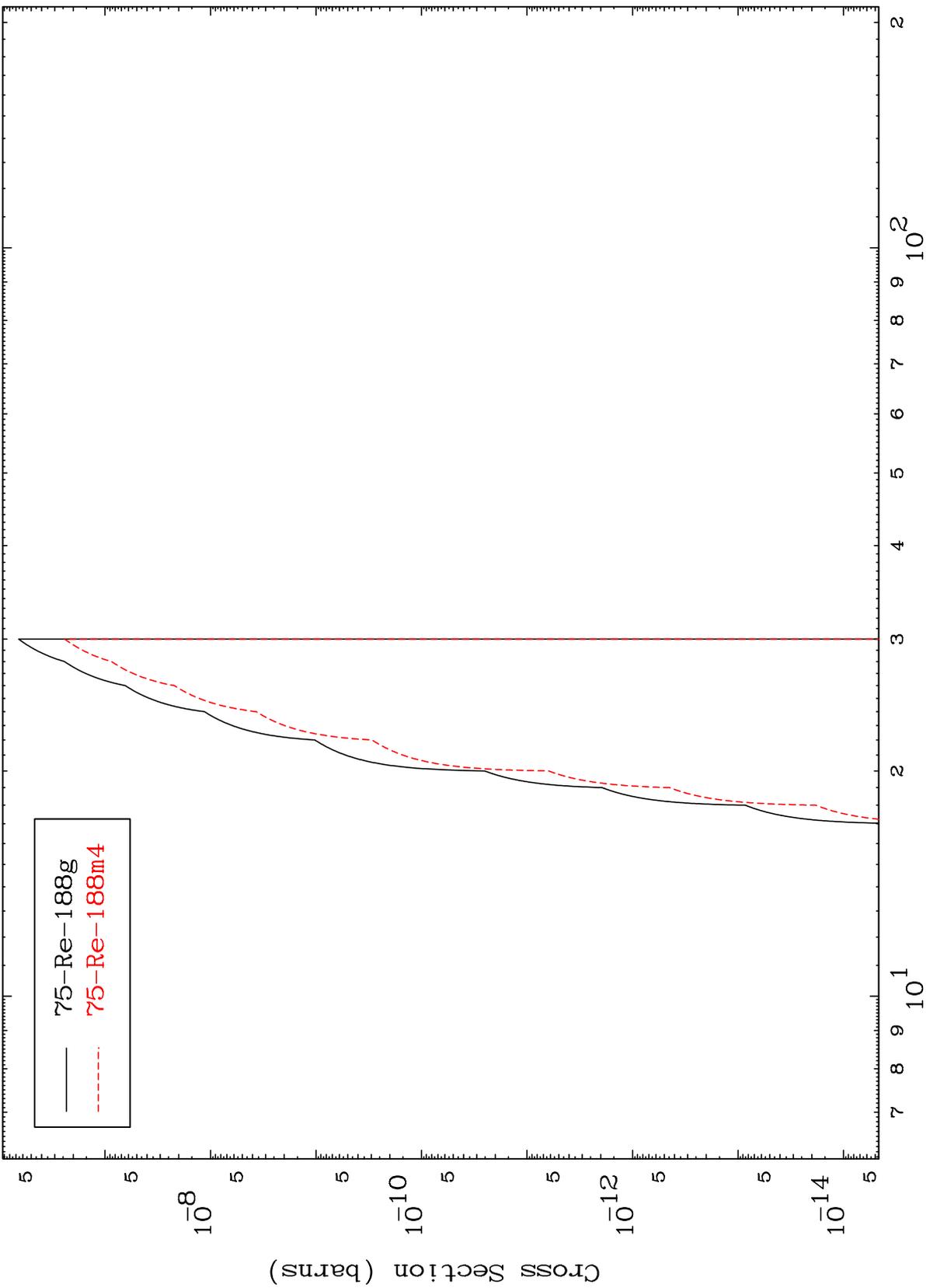
Incident Energy (MeV)

MAT 7537

(n,p) t

75-Re-189

Radionuclide Production Cross Section



26

Incident Energy (MeV)

75-Re-189