

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

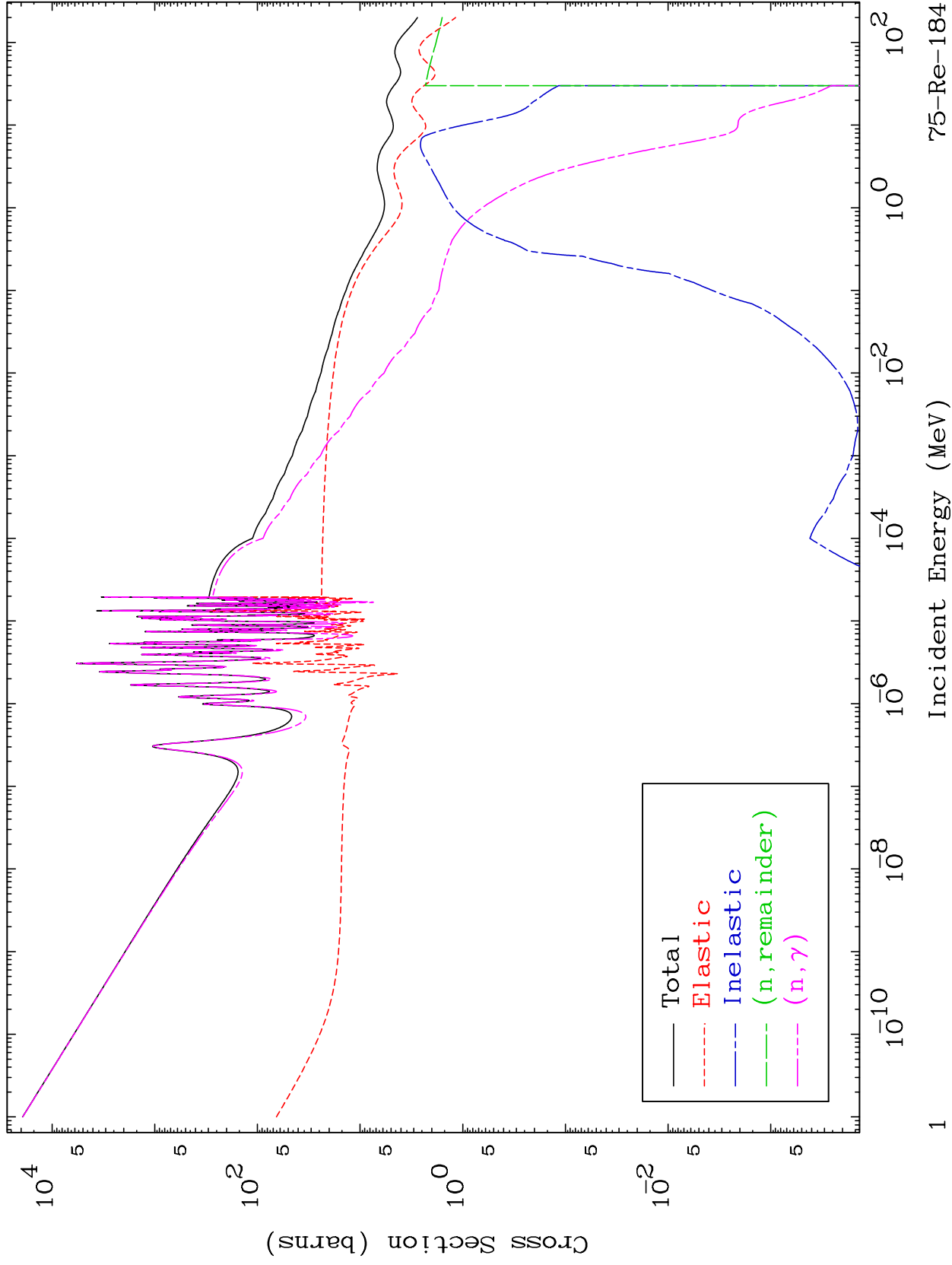
Press Mouse Button to Start

MAT 7523

Major

293 Kelvin Cross Sections

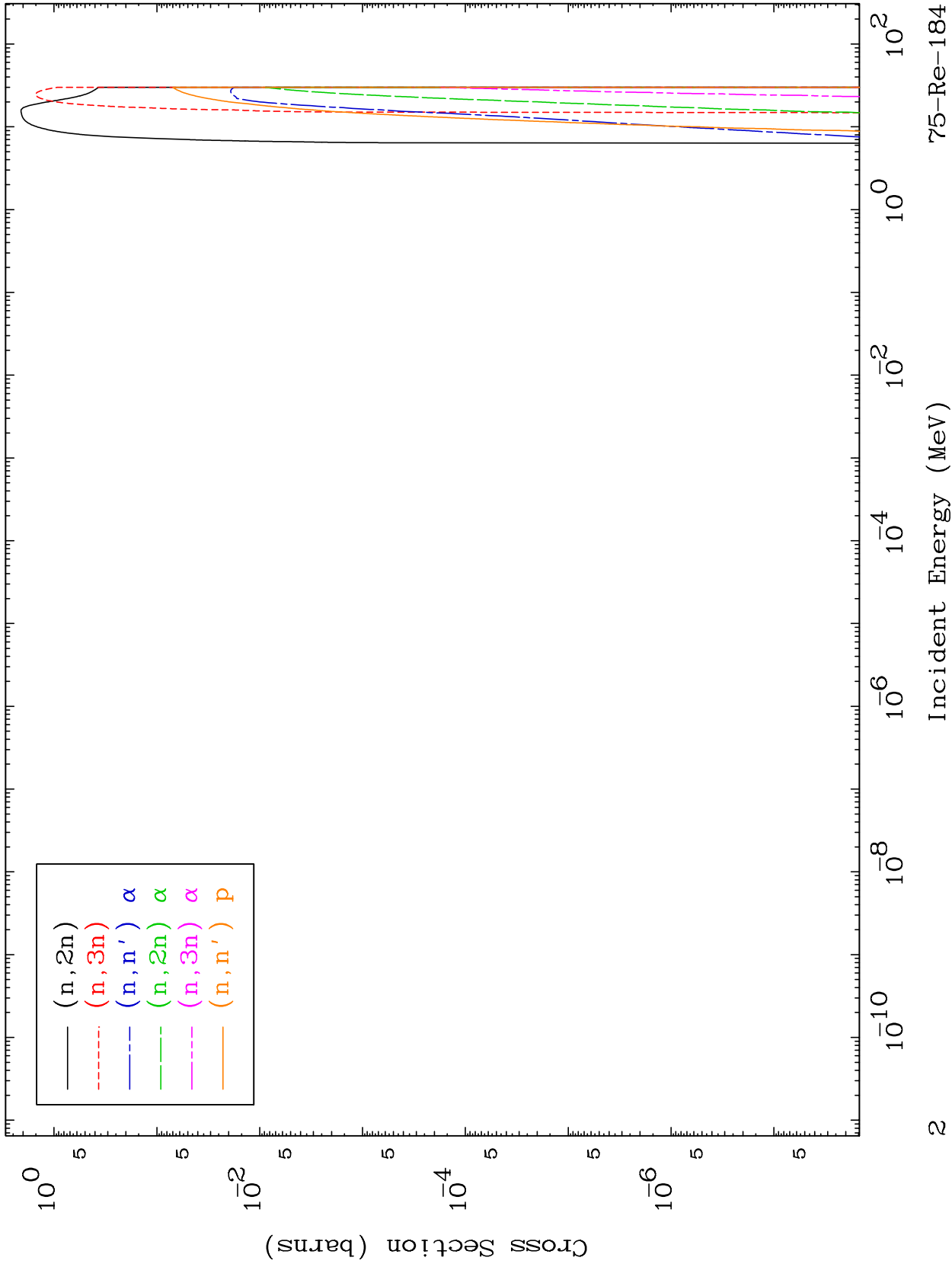
75-Re-184

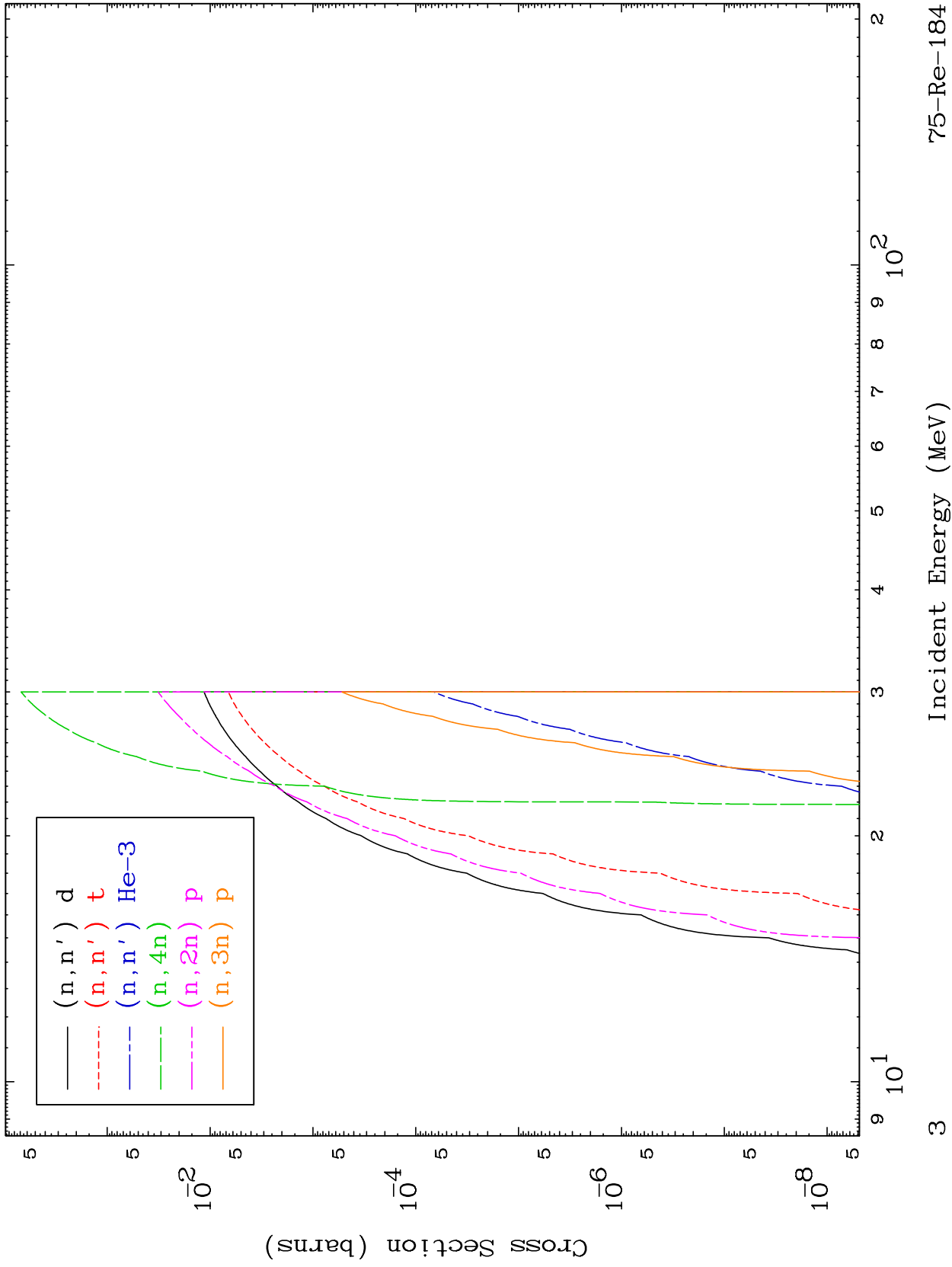


MAT 7523

Neutron Production
293 Kelvin Cross Sections

75-Re-184

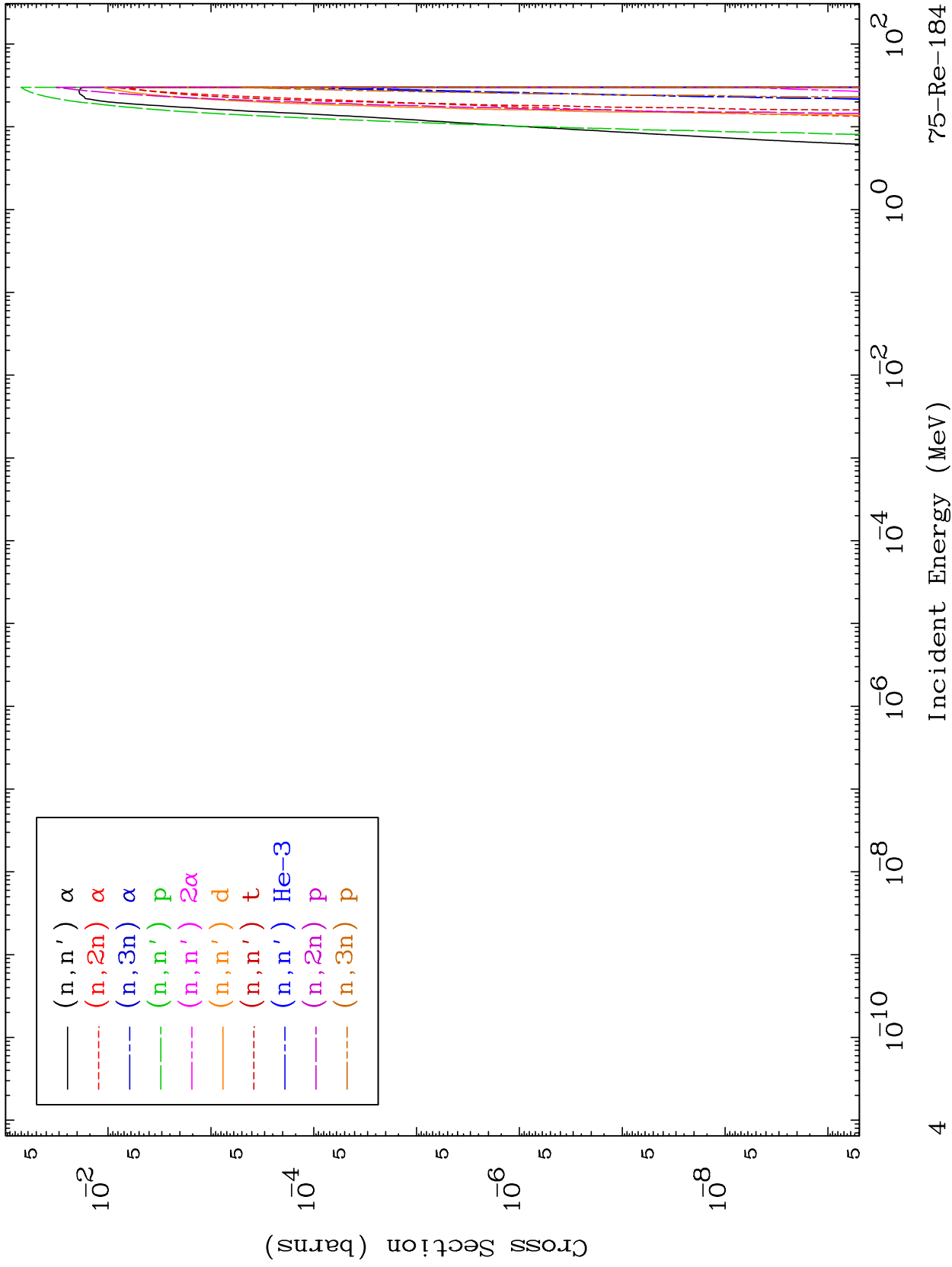




MAT 7523

Charged Particle
293 Kelvin Cross Sections

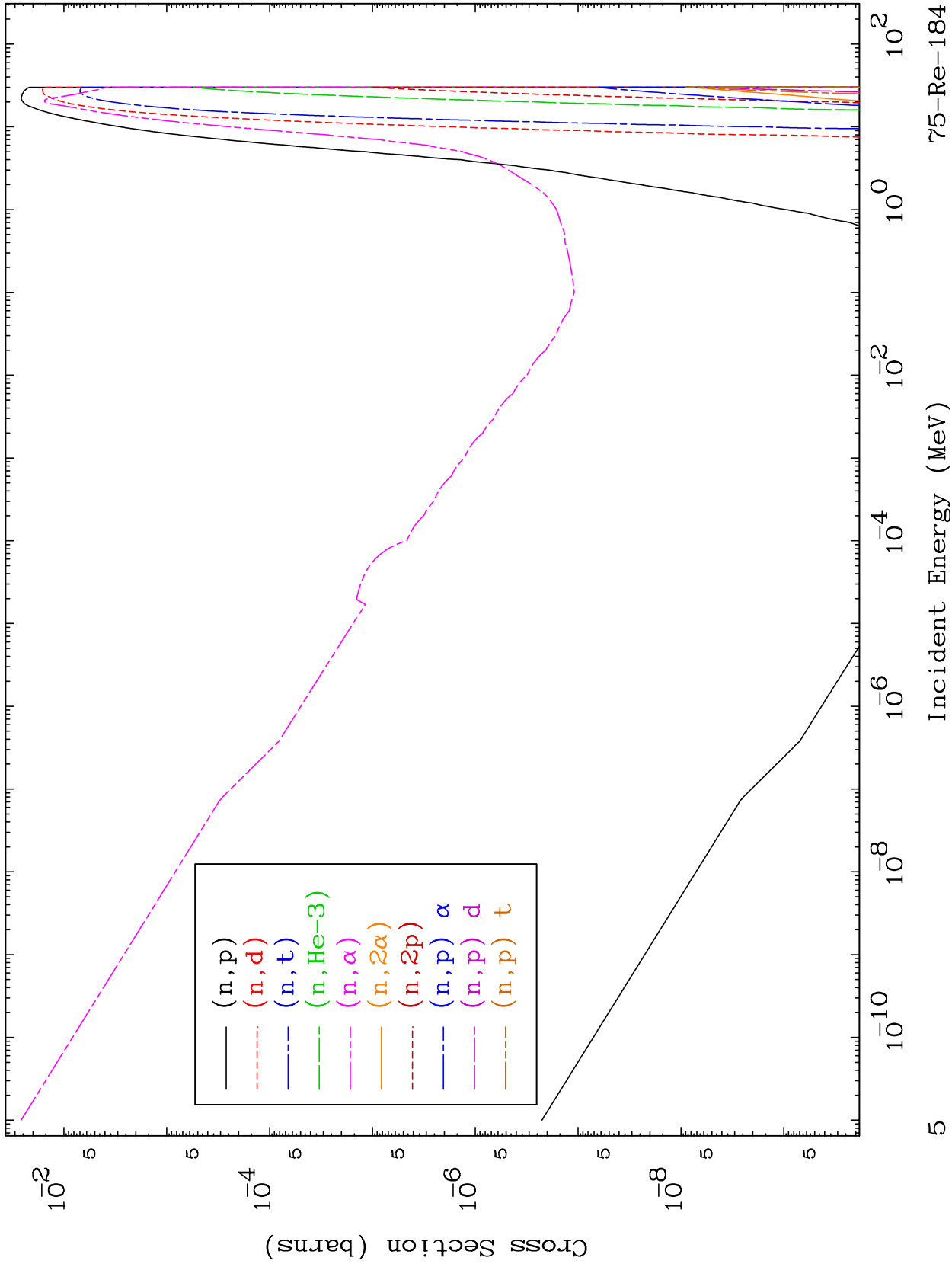
75-Re-184



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Charged Particle
293 Kelvin Cross Sections

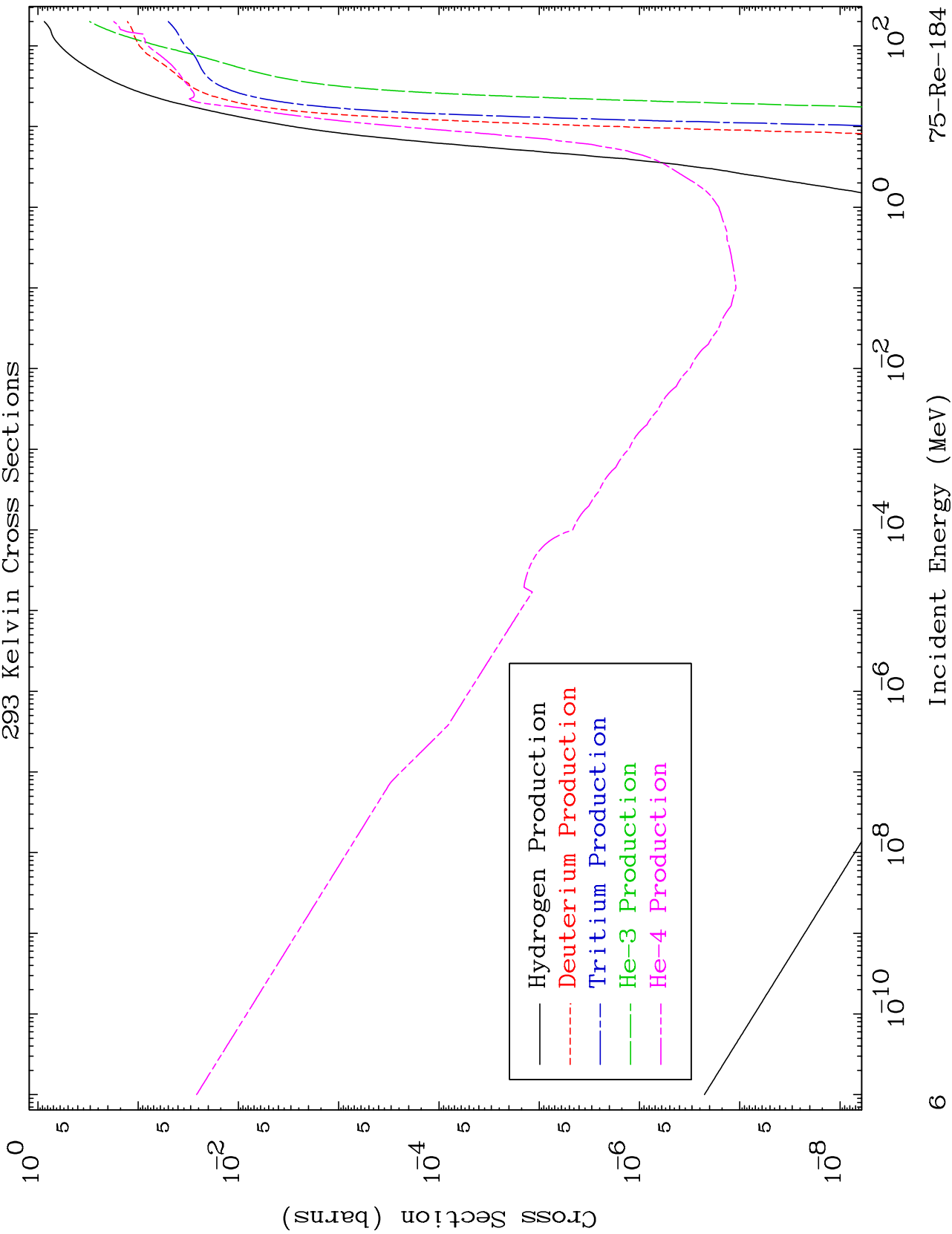
75-Re-184



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Particle Production
293 Kelvin Cross Sections

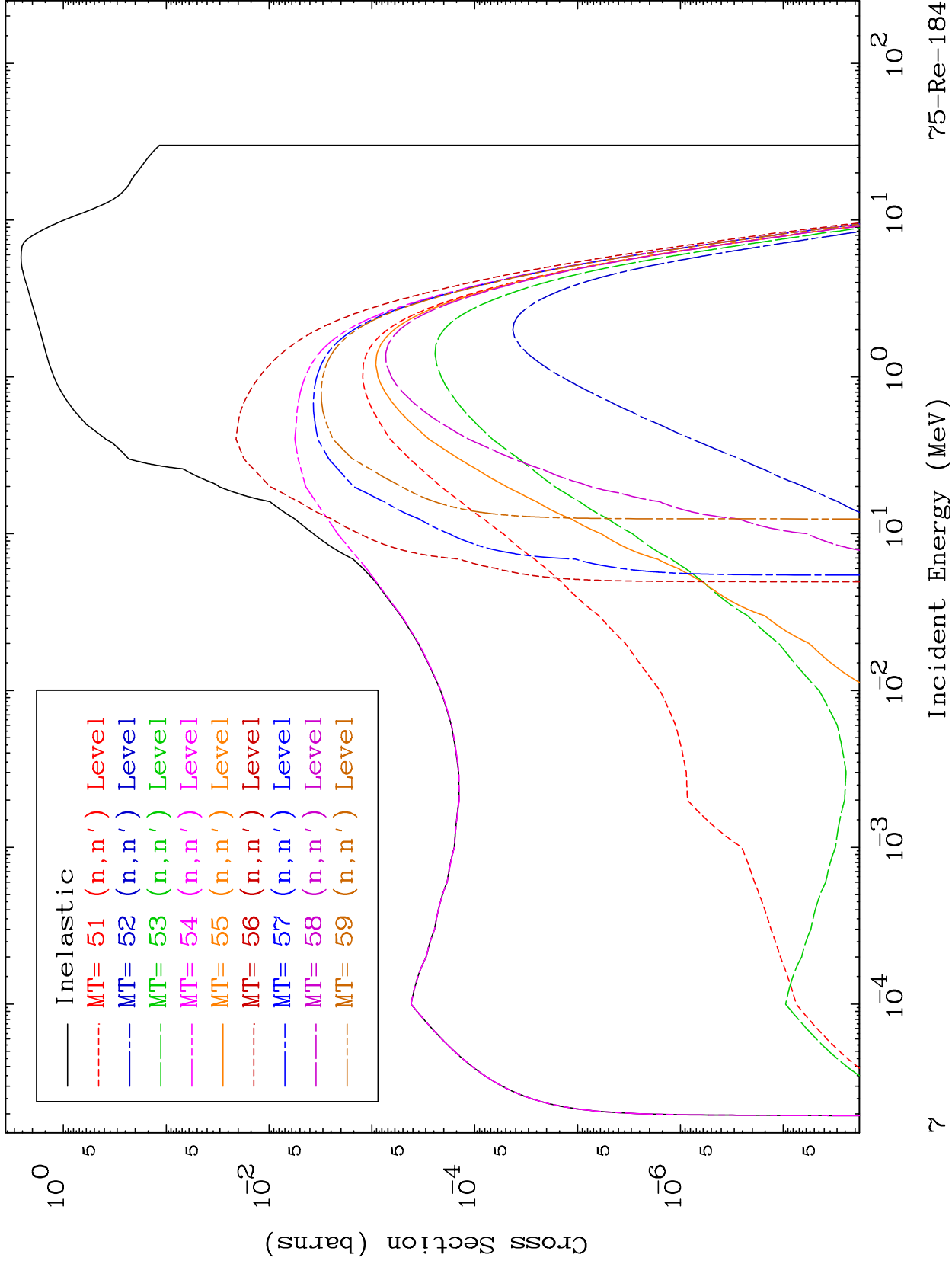
75-Re-184



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293 Kelvin Cross Sections

75-Re-184

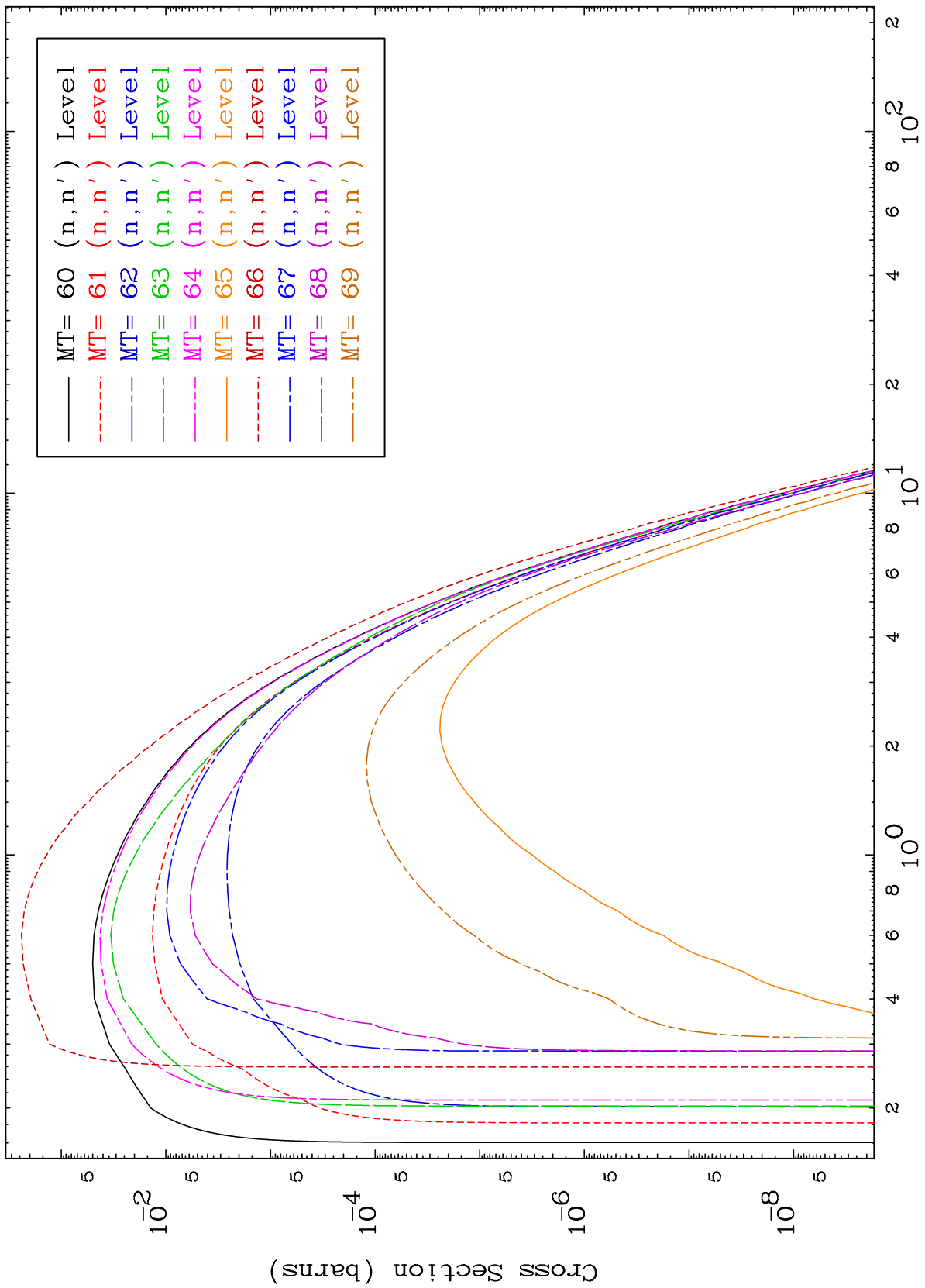


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(n,n') Level

75-Re-184

293 Kelvin Cross Sections

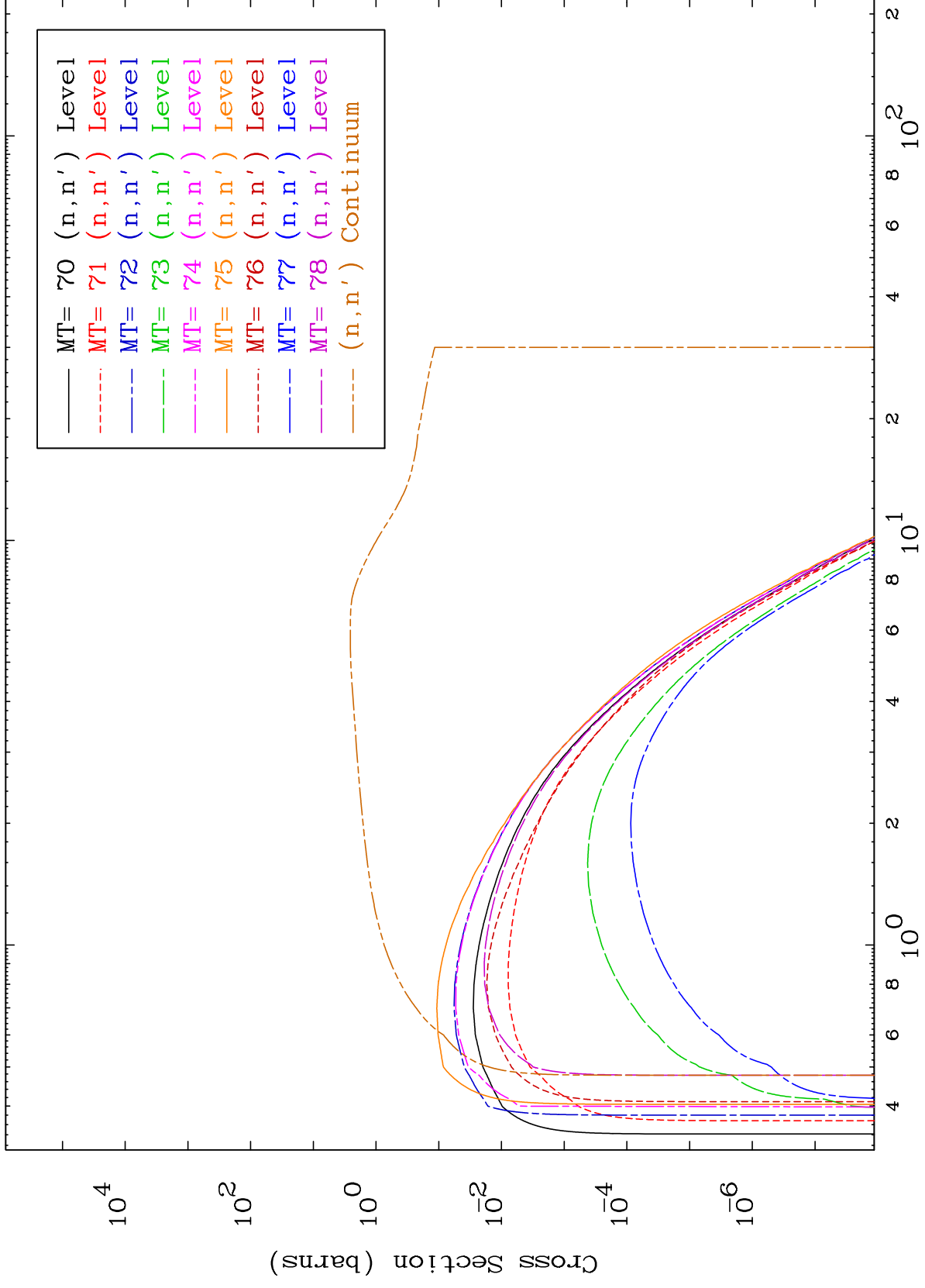


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Incident Energy (MeV)

75-Re-184

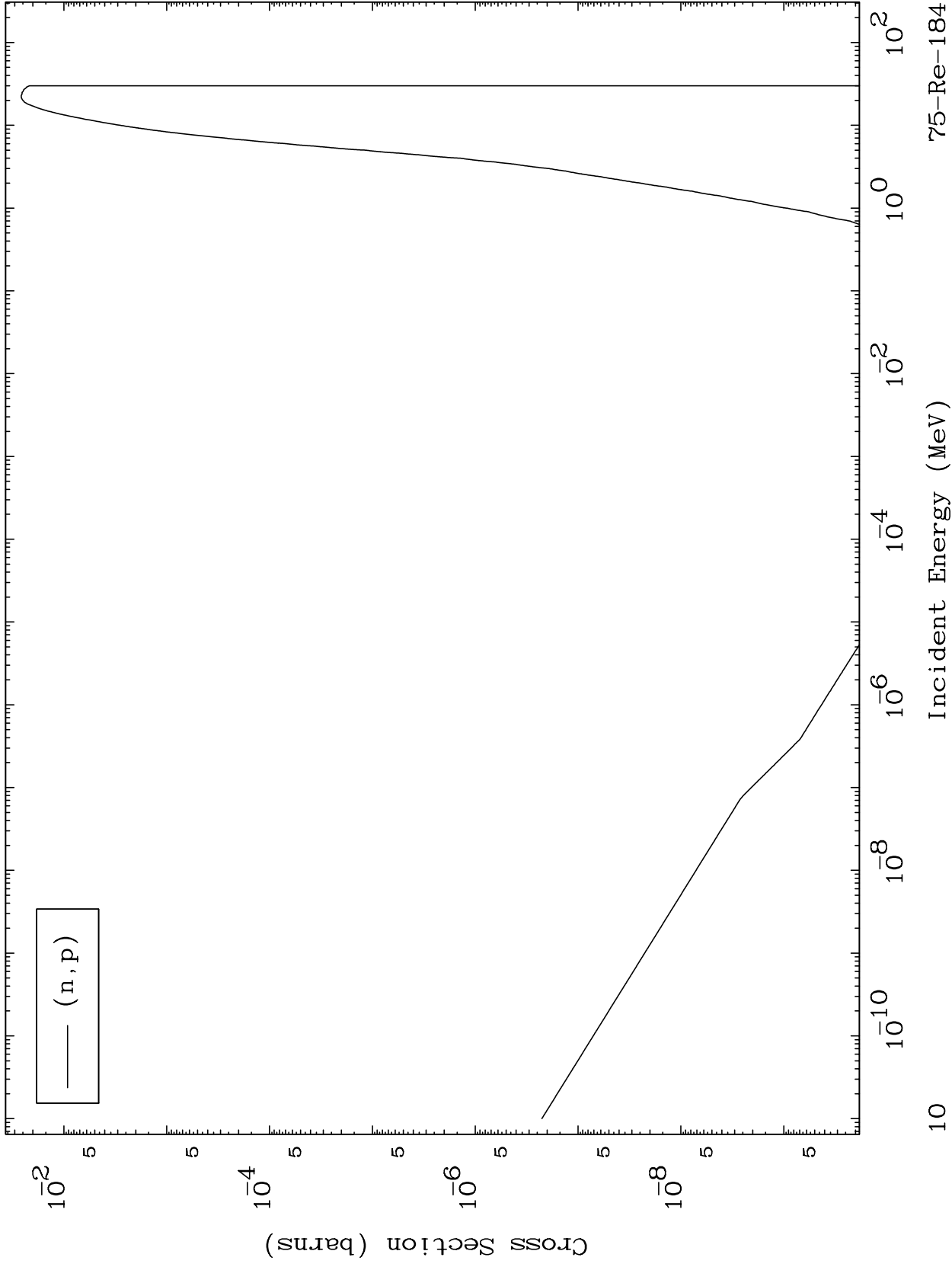
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

75-Re-184



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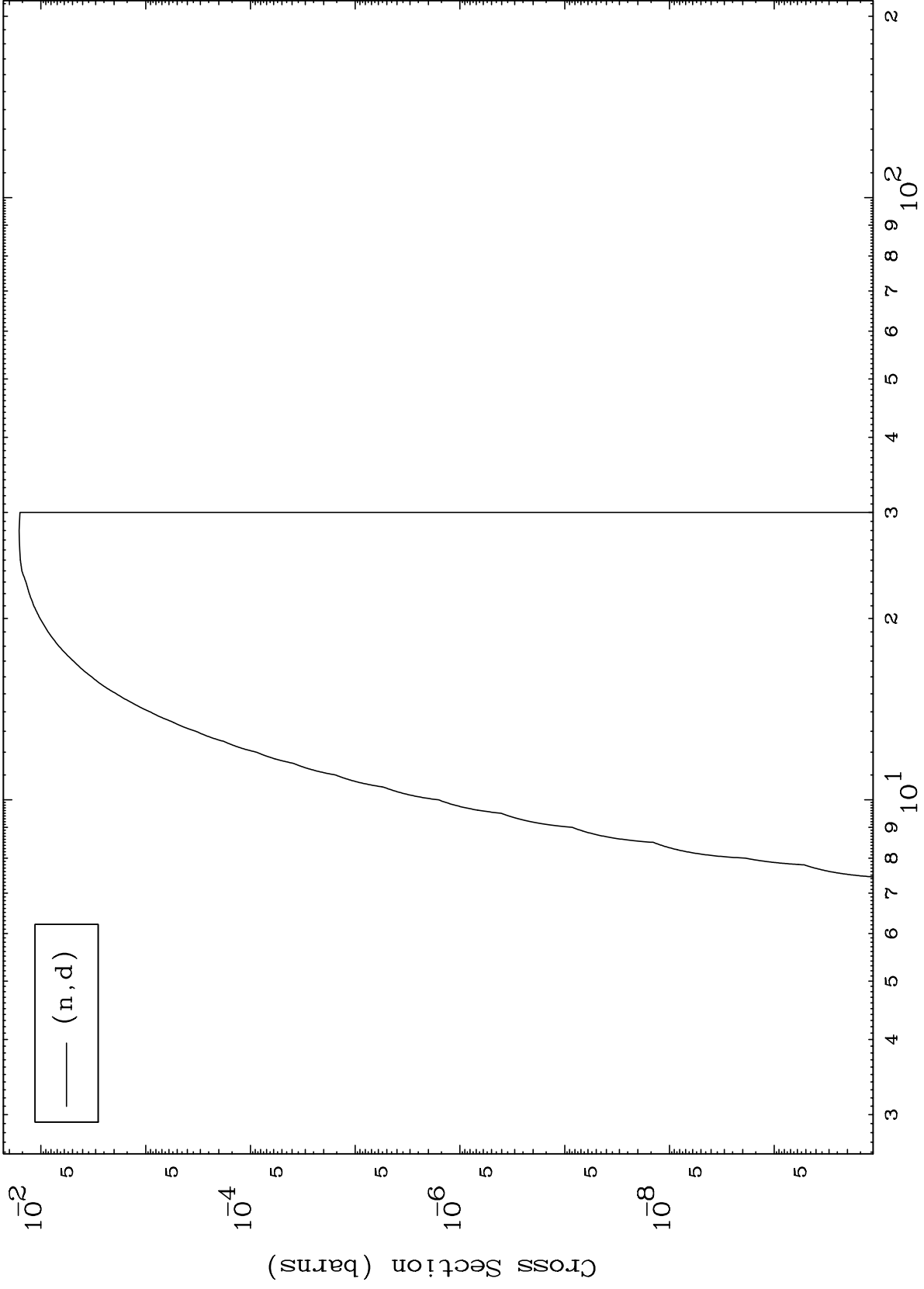
Incident Energy (MeV)

75-Re-184

MAT 7523

(n,d) Levels
293 Kelvin Cross Sections

75-Re-184



11

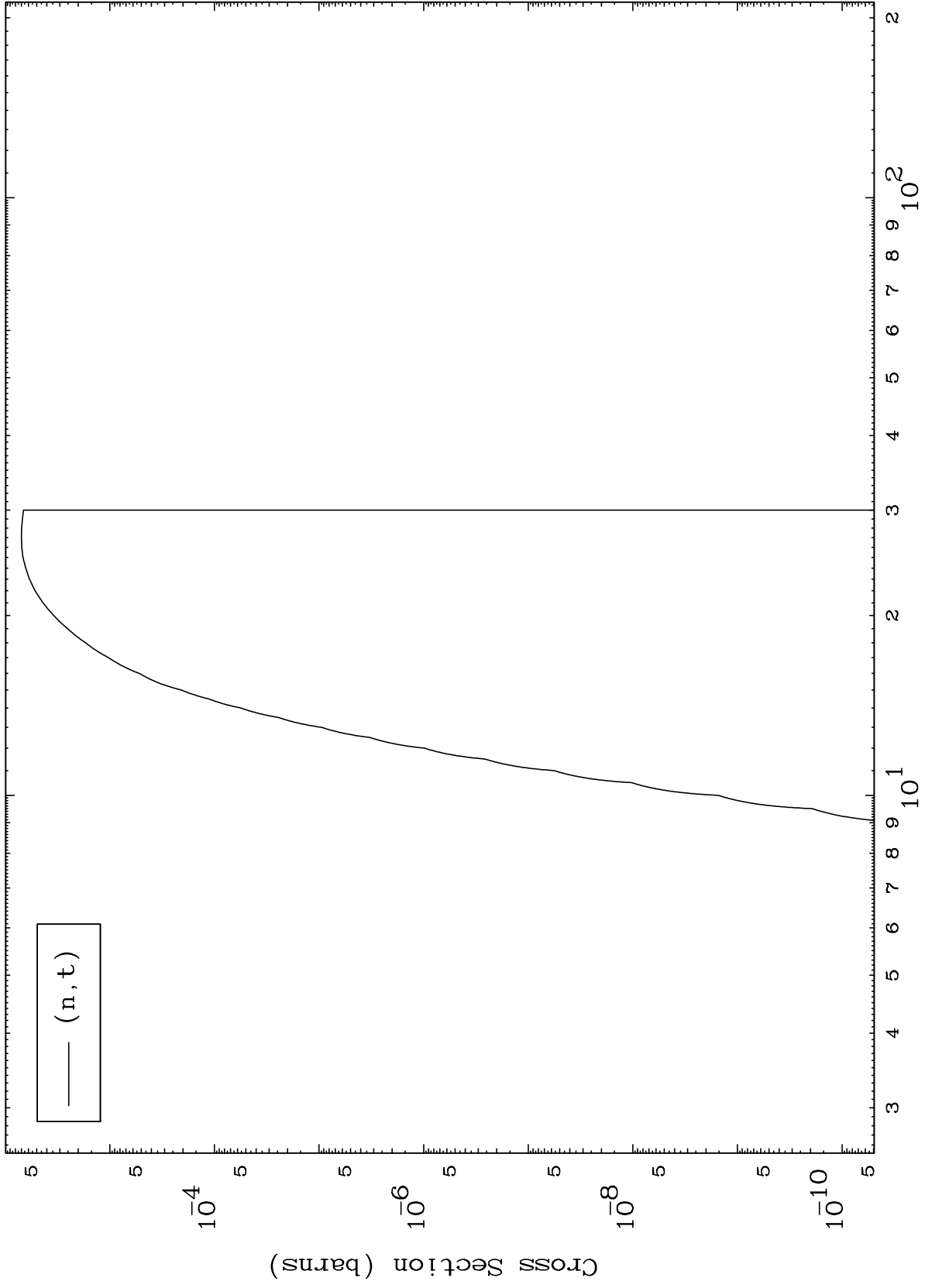
Incident Energy (MeV)

75-Re-184

MAT 7523

(n,t) Levels
293 Kelvin Cross Sections

75-Re-184



12

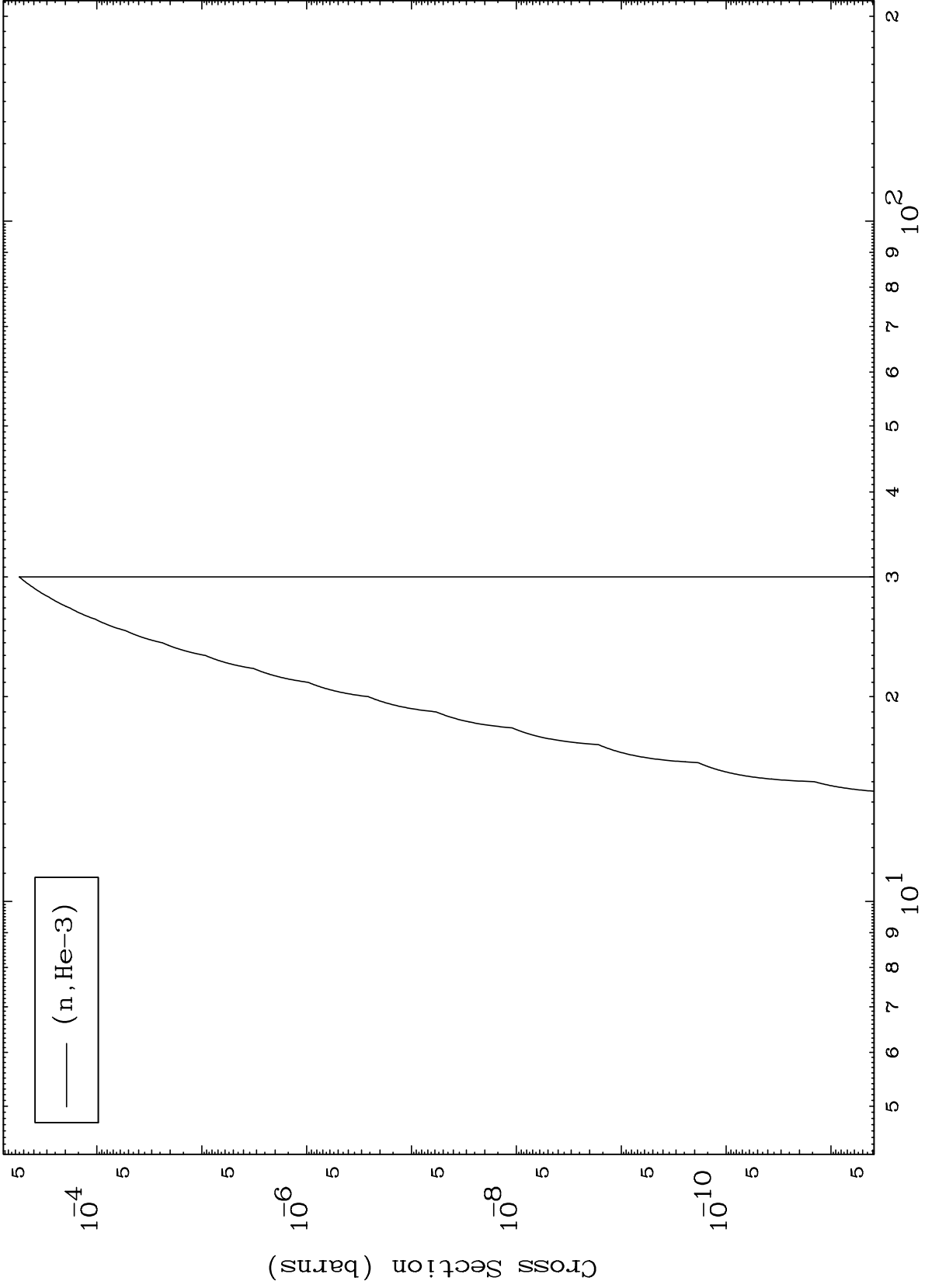
Incident Energy (MeV)

75-Re-184

MAT 7523

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-184



13

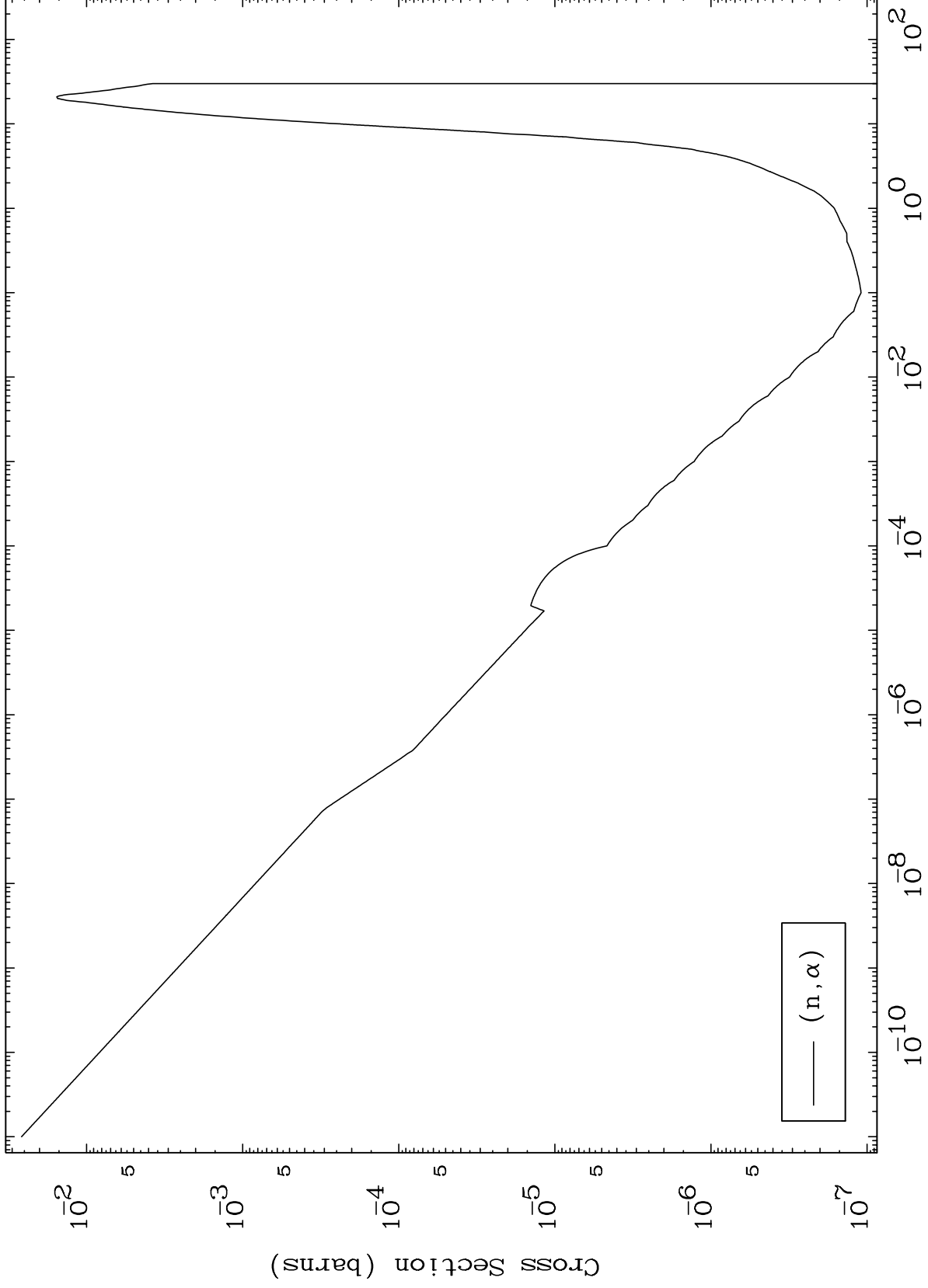
Incident Energy (MeV)

75-Re-184

MAT 7523

(n,α) Levels
293 Kelvin Cross Sections

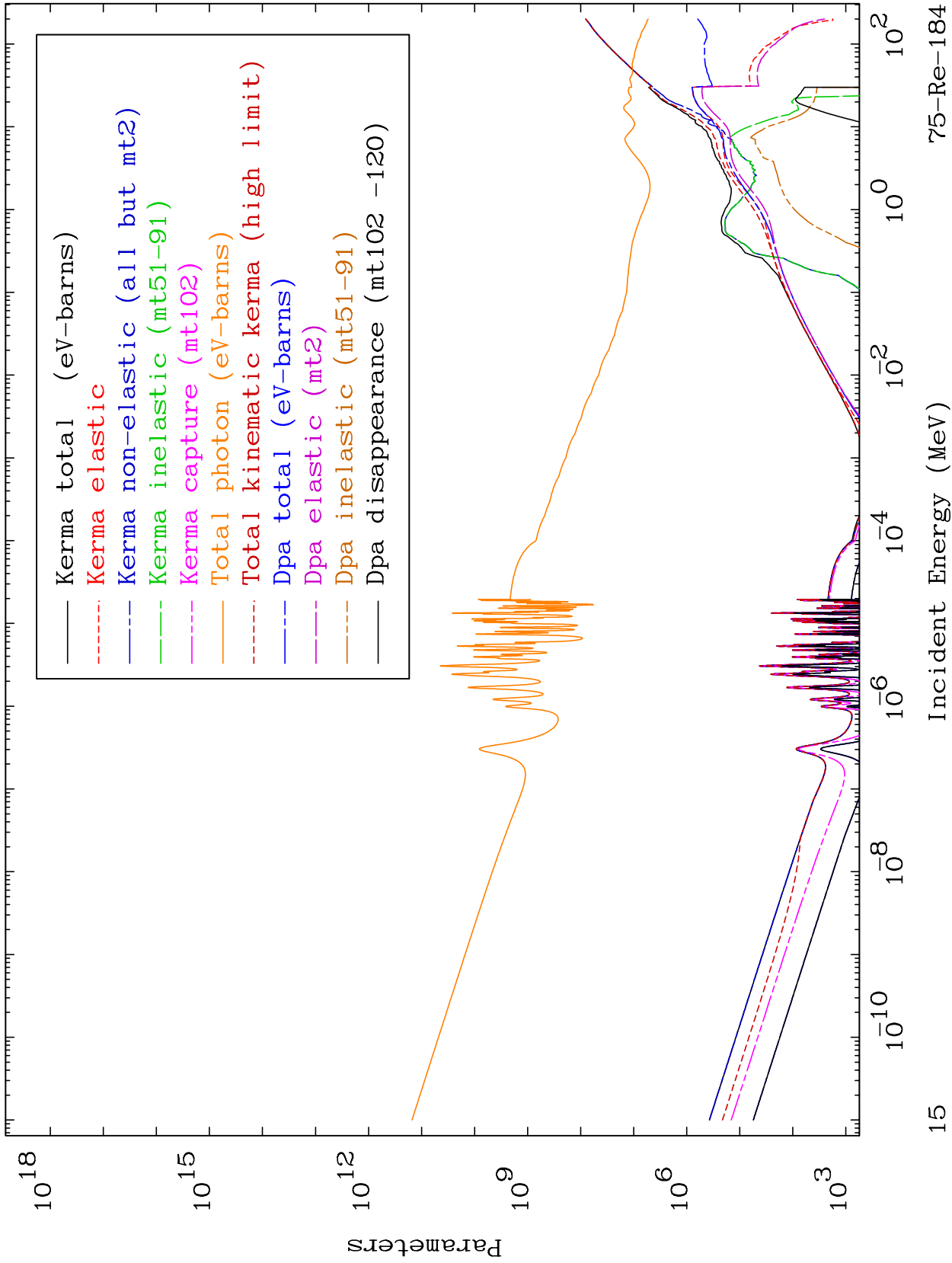
75-Re-184

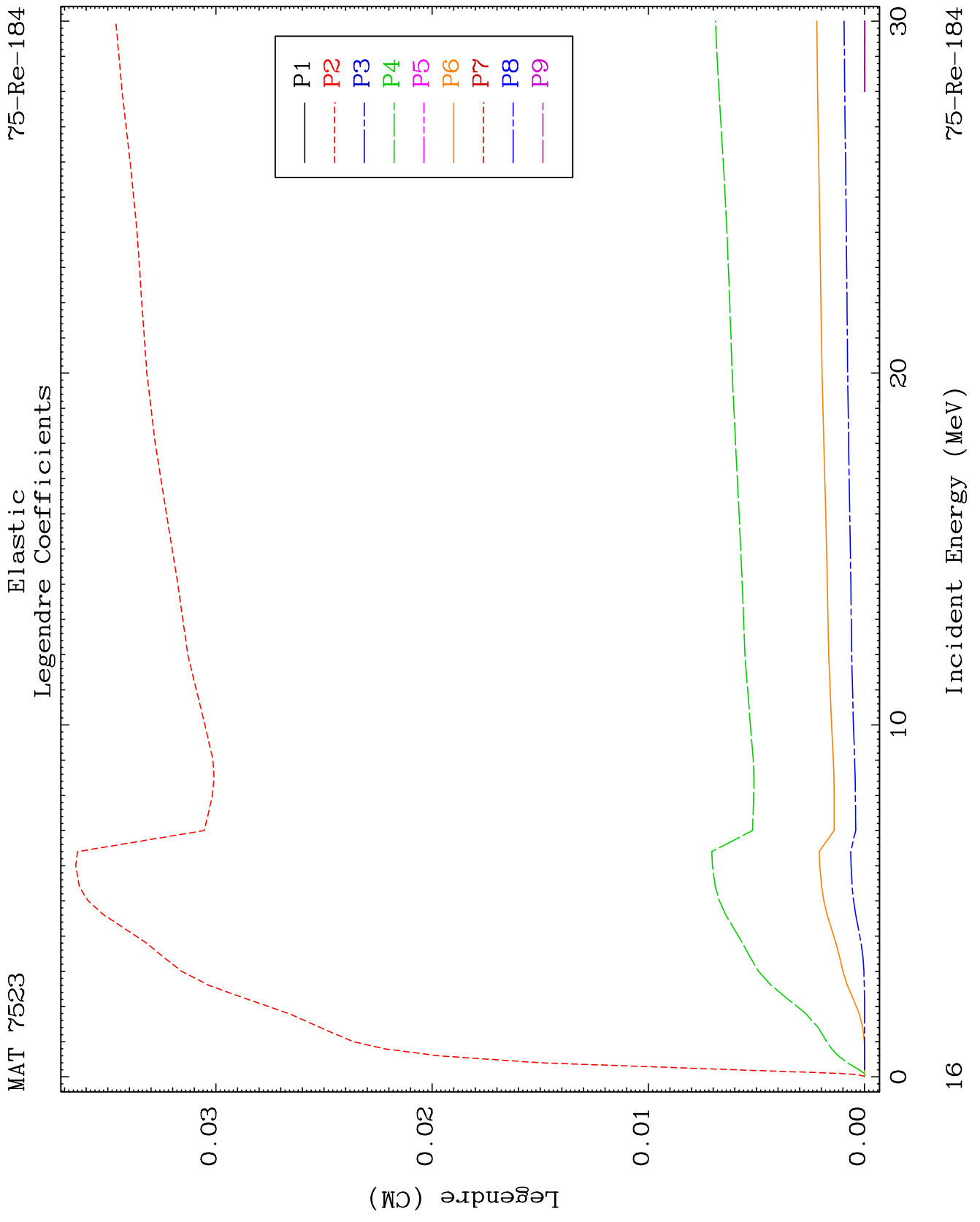


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Incident Energy (MeV)

75-Re-184

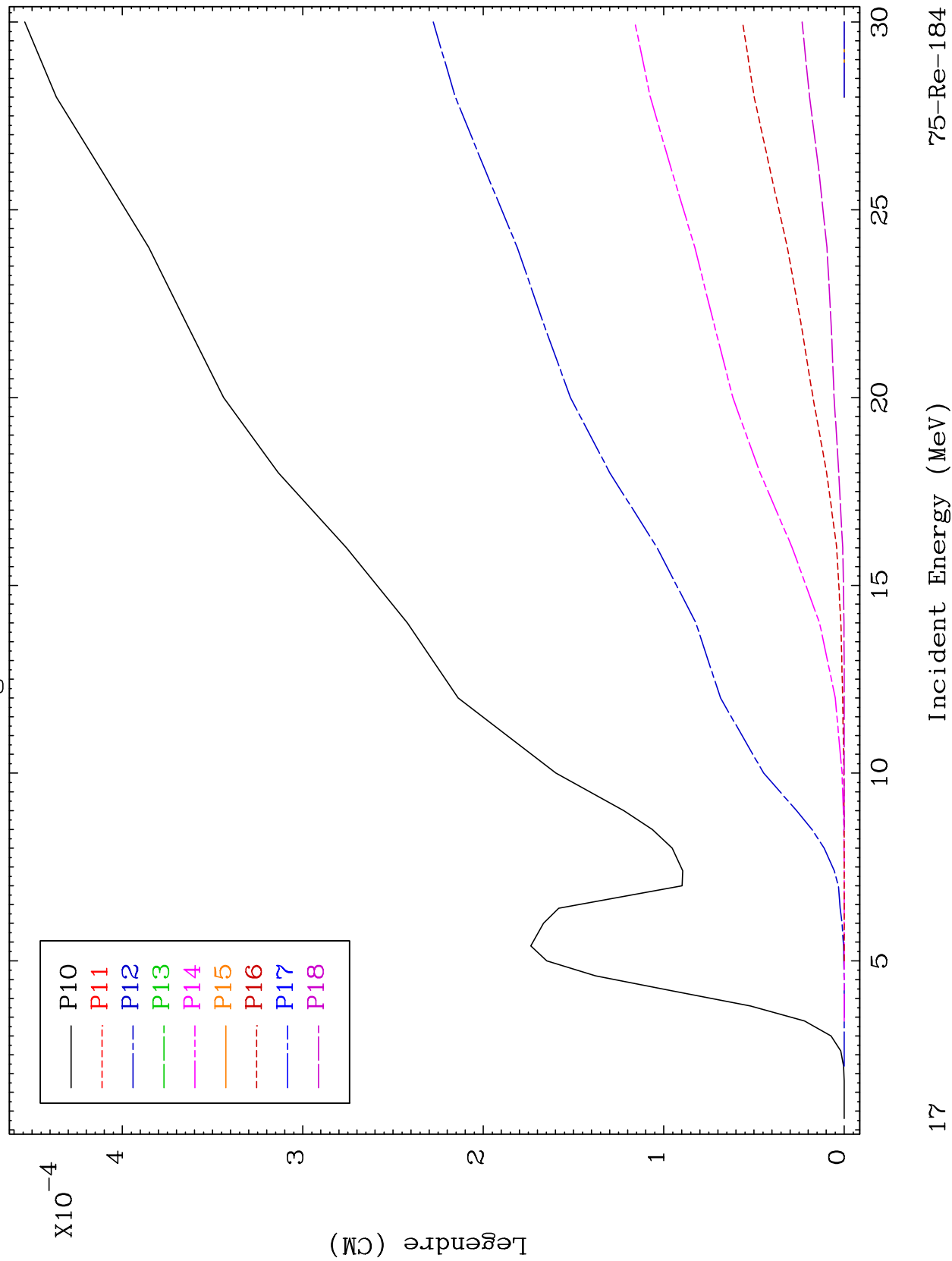




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Elastic Legendre Coefficients

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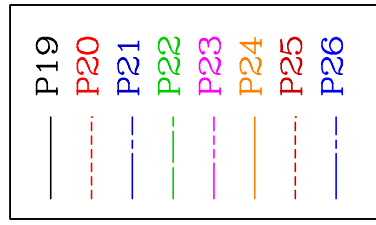


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Elastic
Legendre Coefficients

75-Re-184



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

25

30

18

Incident Energy (MeV)

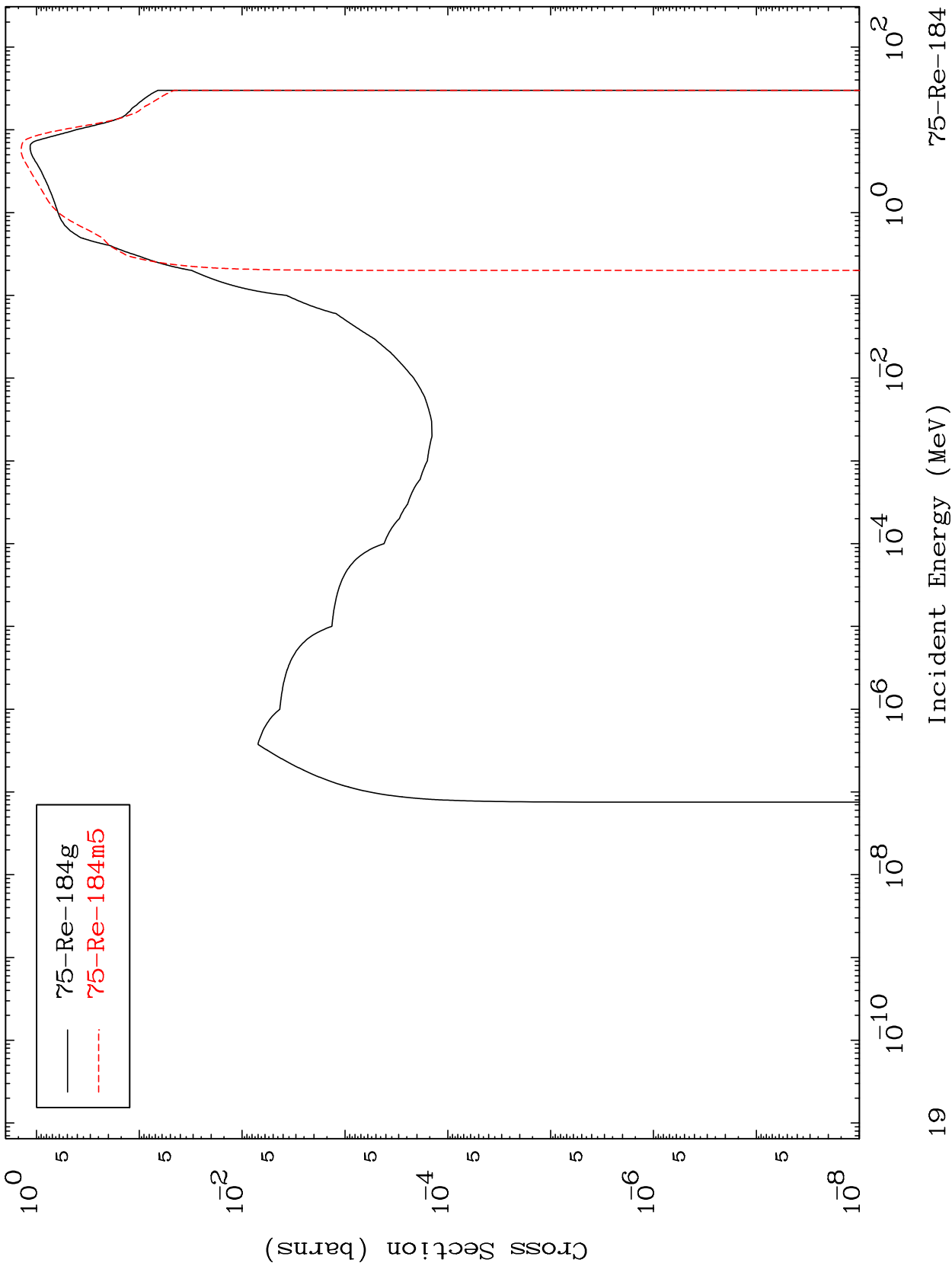
75-Re-184



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75-Re-184

Inelastic
Radionuclide Production Cross Section

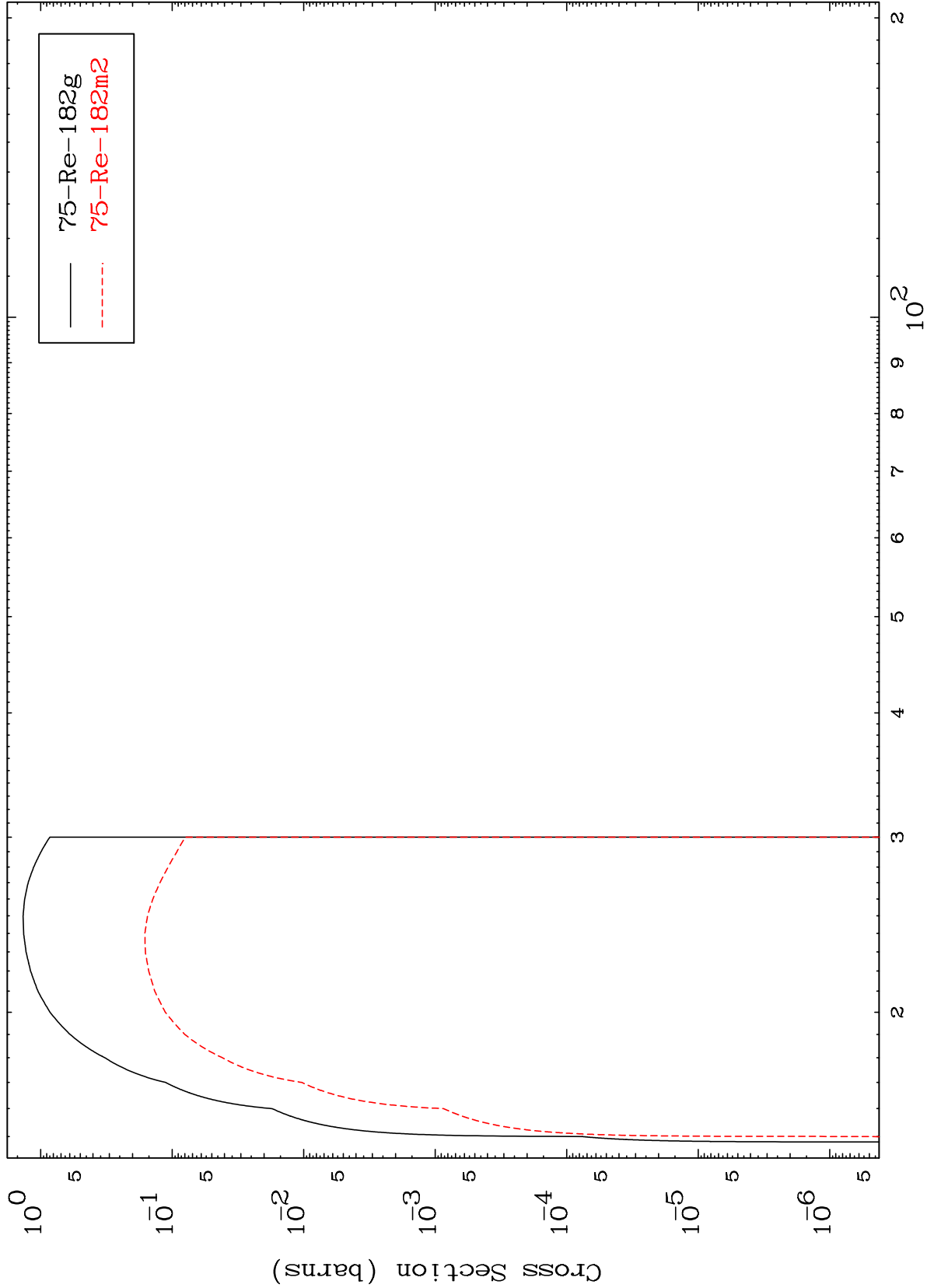


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(n,3n)

75-Re-184

Radionuclide Production Cross Section



20

Incident Energy (MeV)

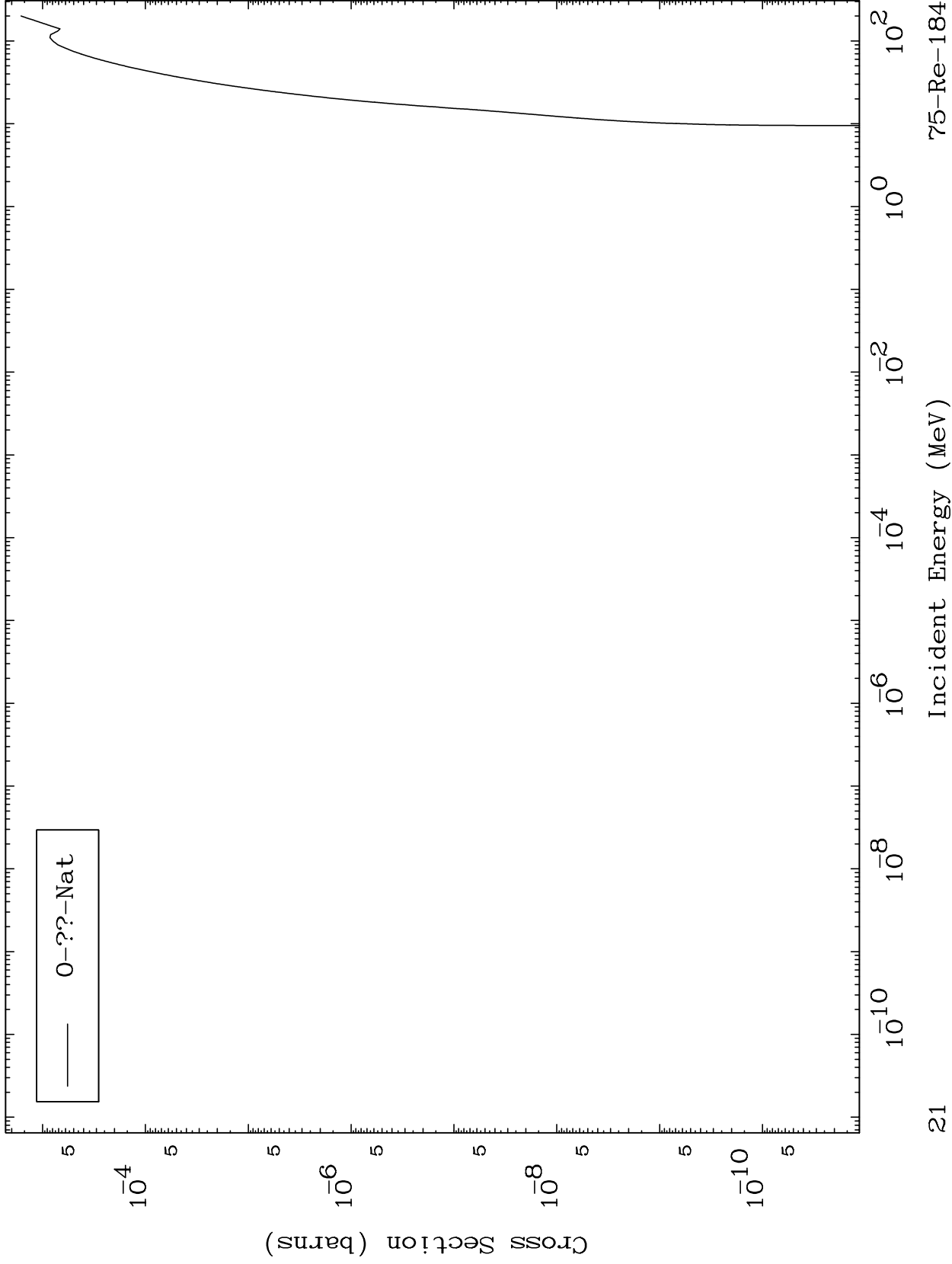
75-Re-184

MAT 7523

Fission

⁷⁵Re-184

Radionuclide Production Cross Section

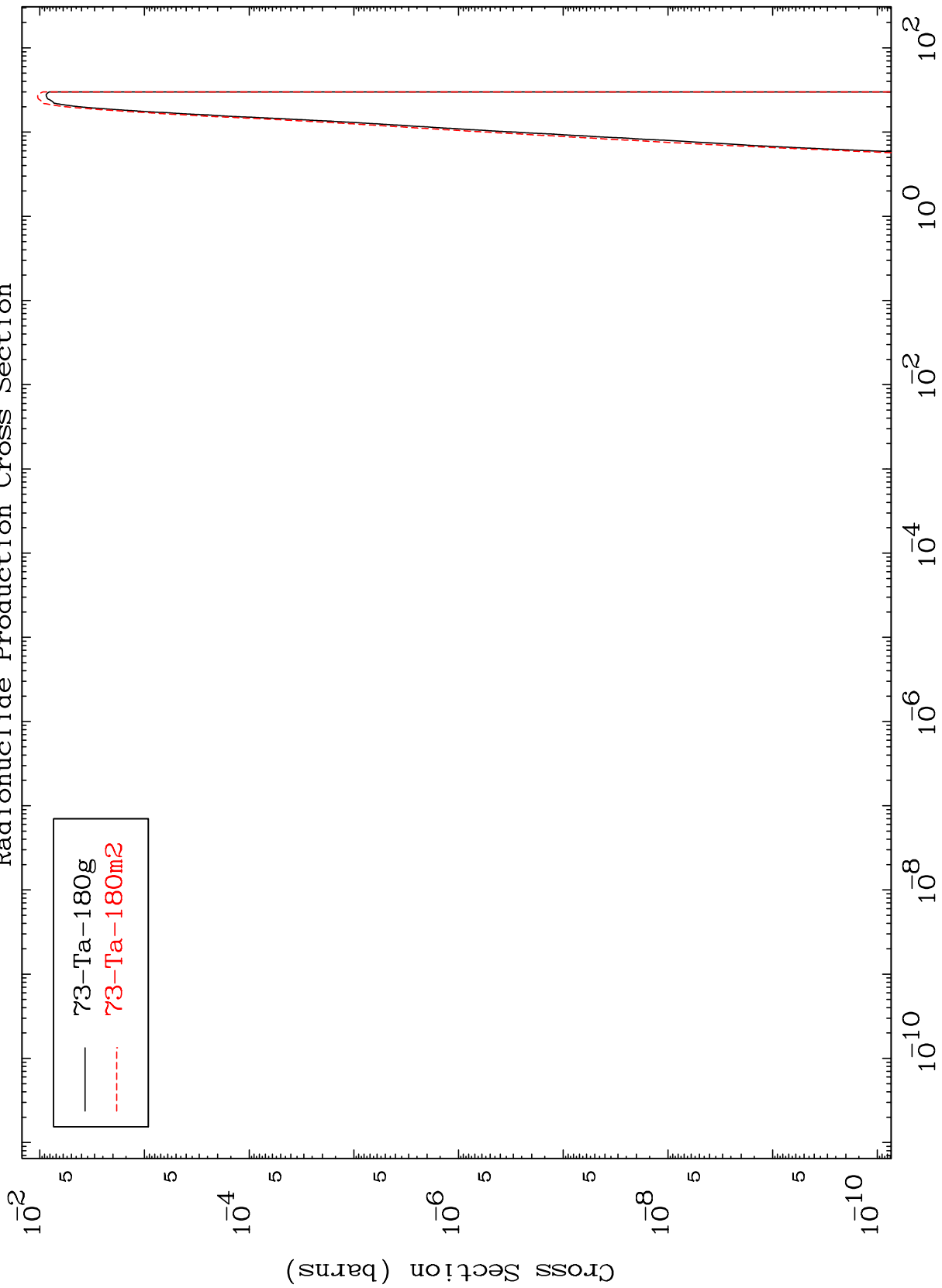


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$(n, n') \alpha$

⁷⁵Re-184

Radionuclide Production Cross Section

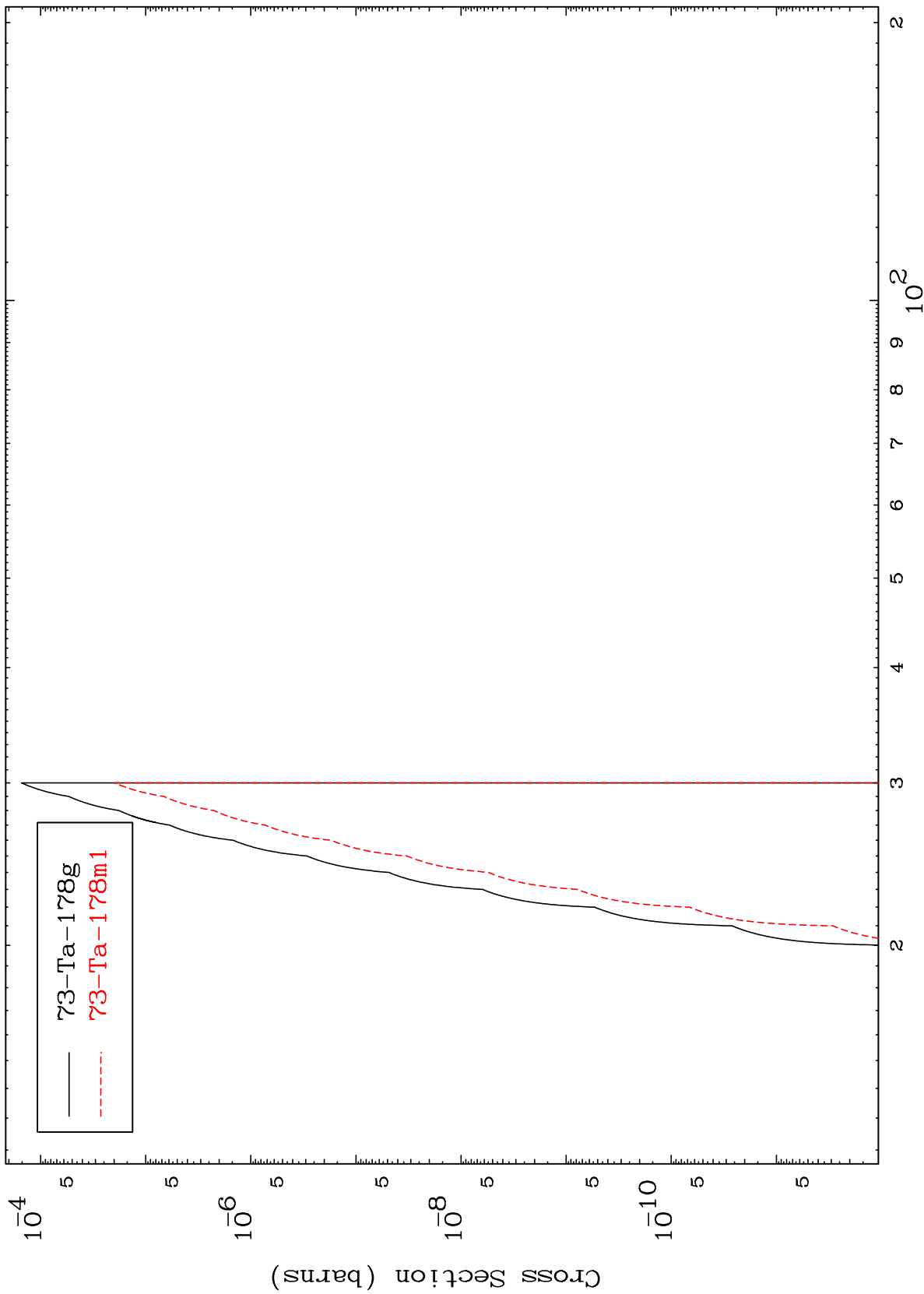


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(n,3n) α

75-Re-184

Radionuclide Production Cross Section

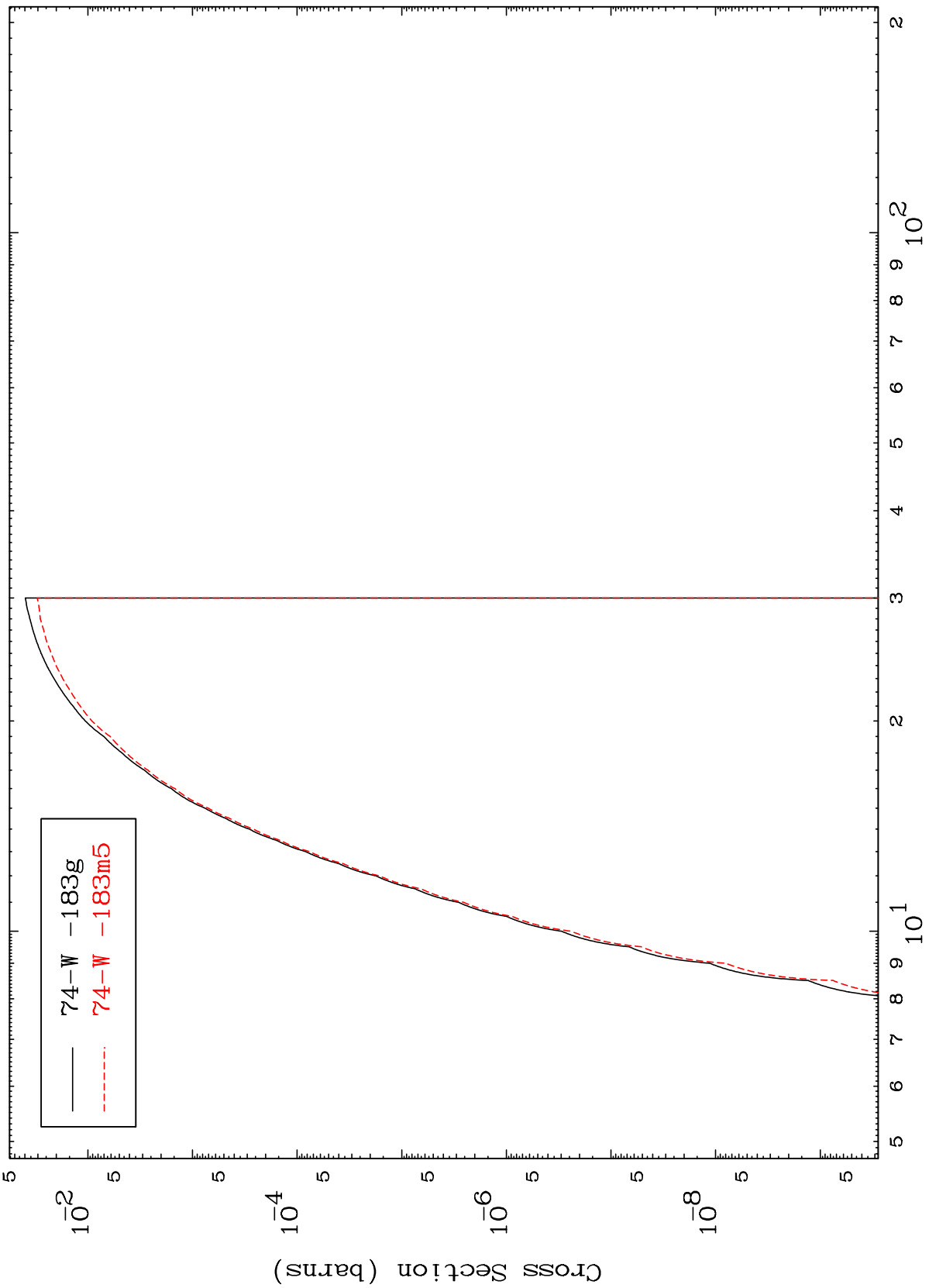


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(n,n') p

75-Re-184

Radionuclide Production Cross Section



24

Incident Energy (MeV)

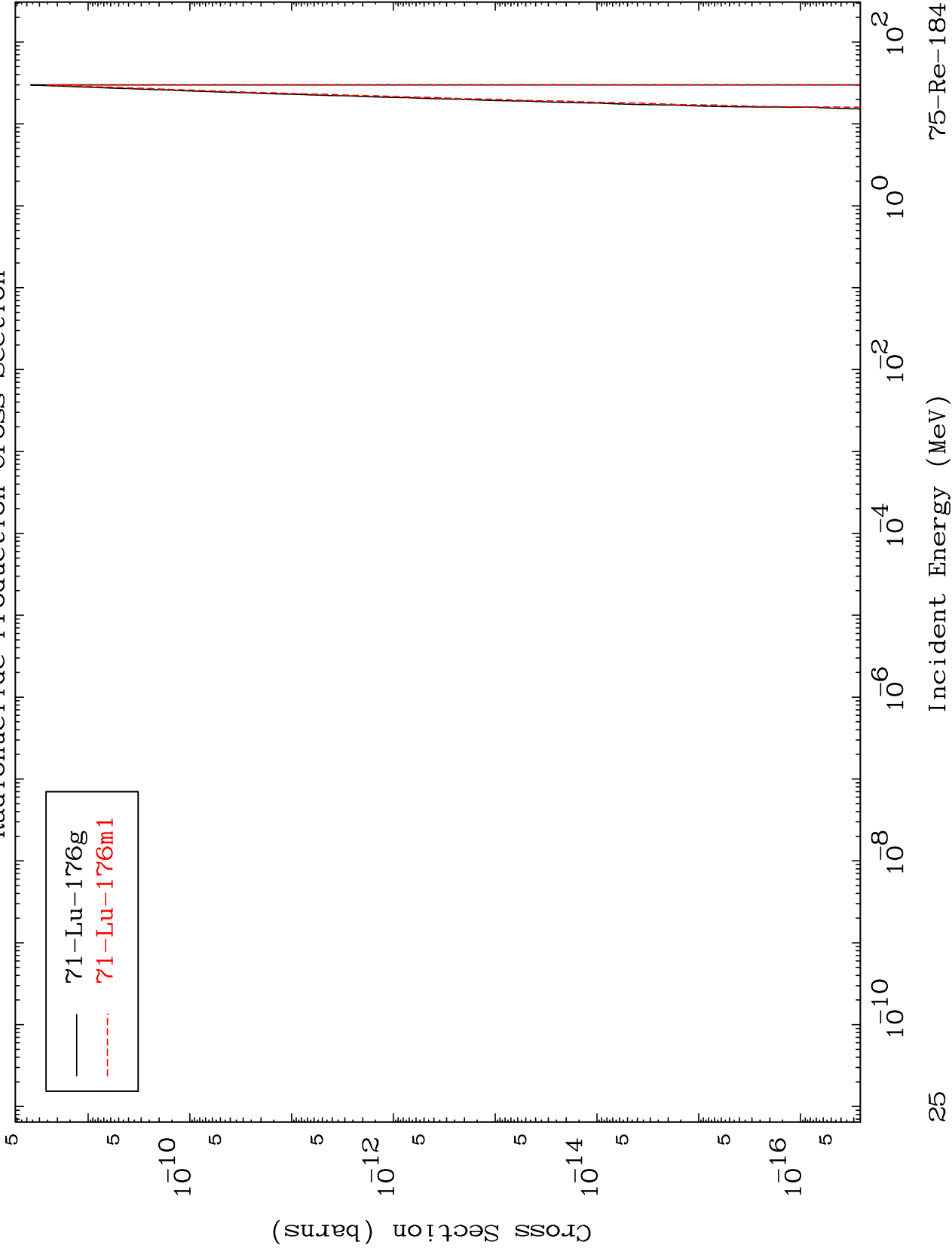
75-Re-184

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(n,n') 2α

75-Re-184

Radionuclide Production Cross Section



25

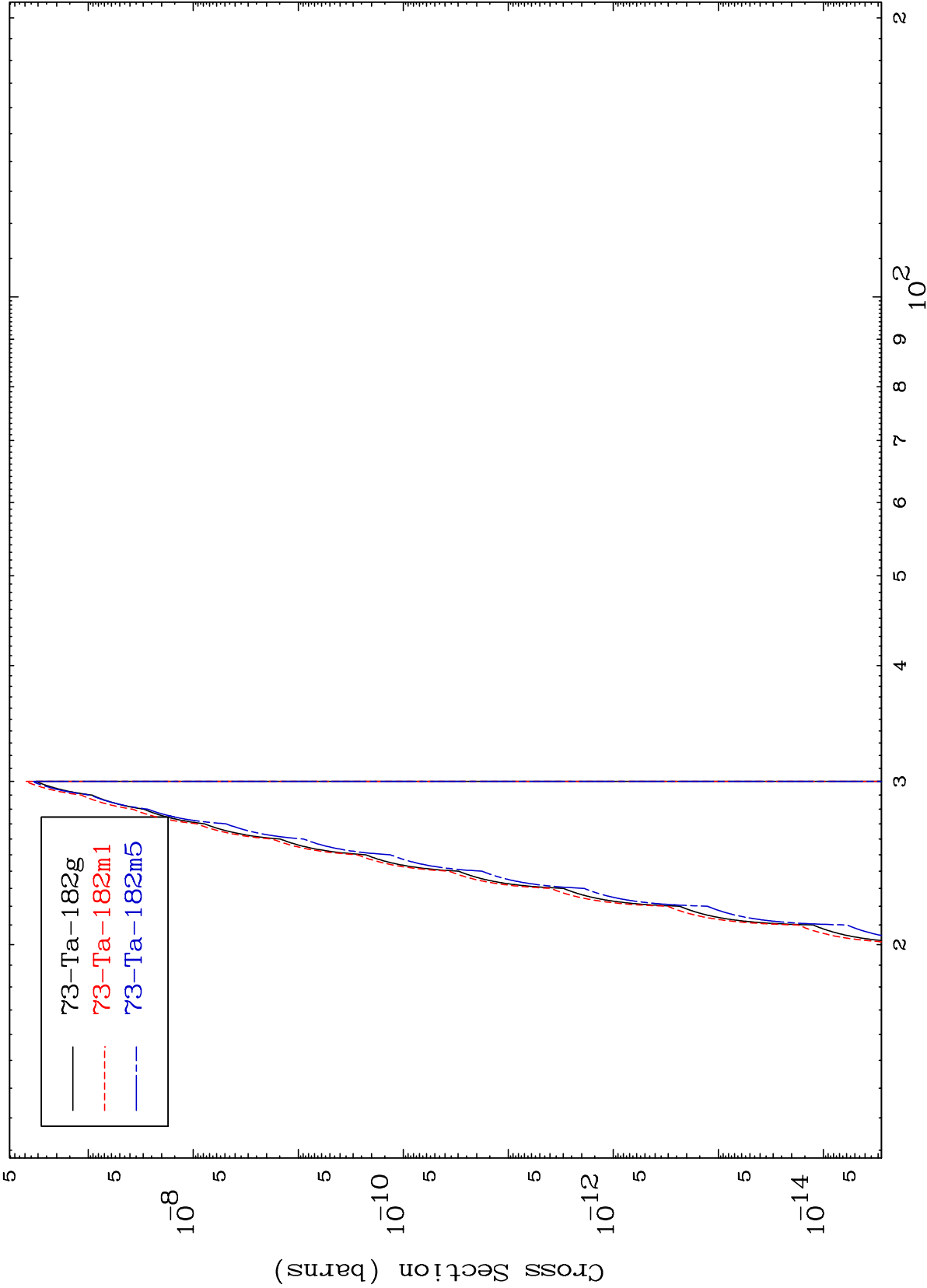
Incident Energy (MeV)

75-Re-184

MAT 7523

75-Re-184

(n,2n) p
Radionuclide Production Cross Section



75-Re-184

Incident Energy (MeV)

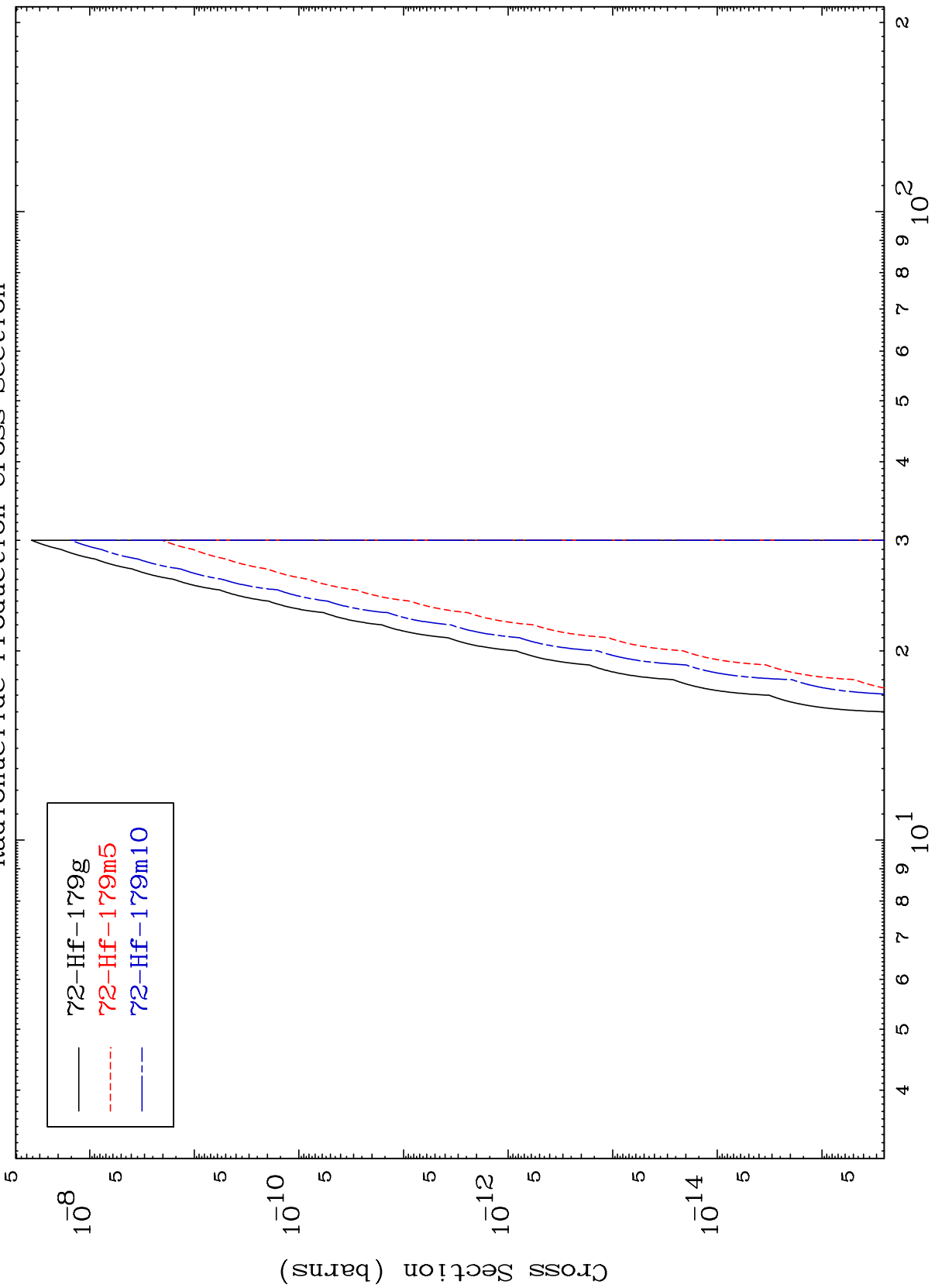
26

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(n,n') p α

75-Re-184

Radionuclide Production Cross Section



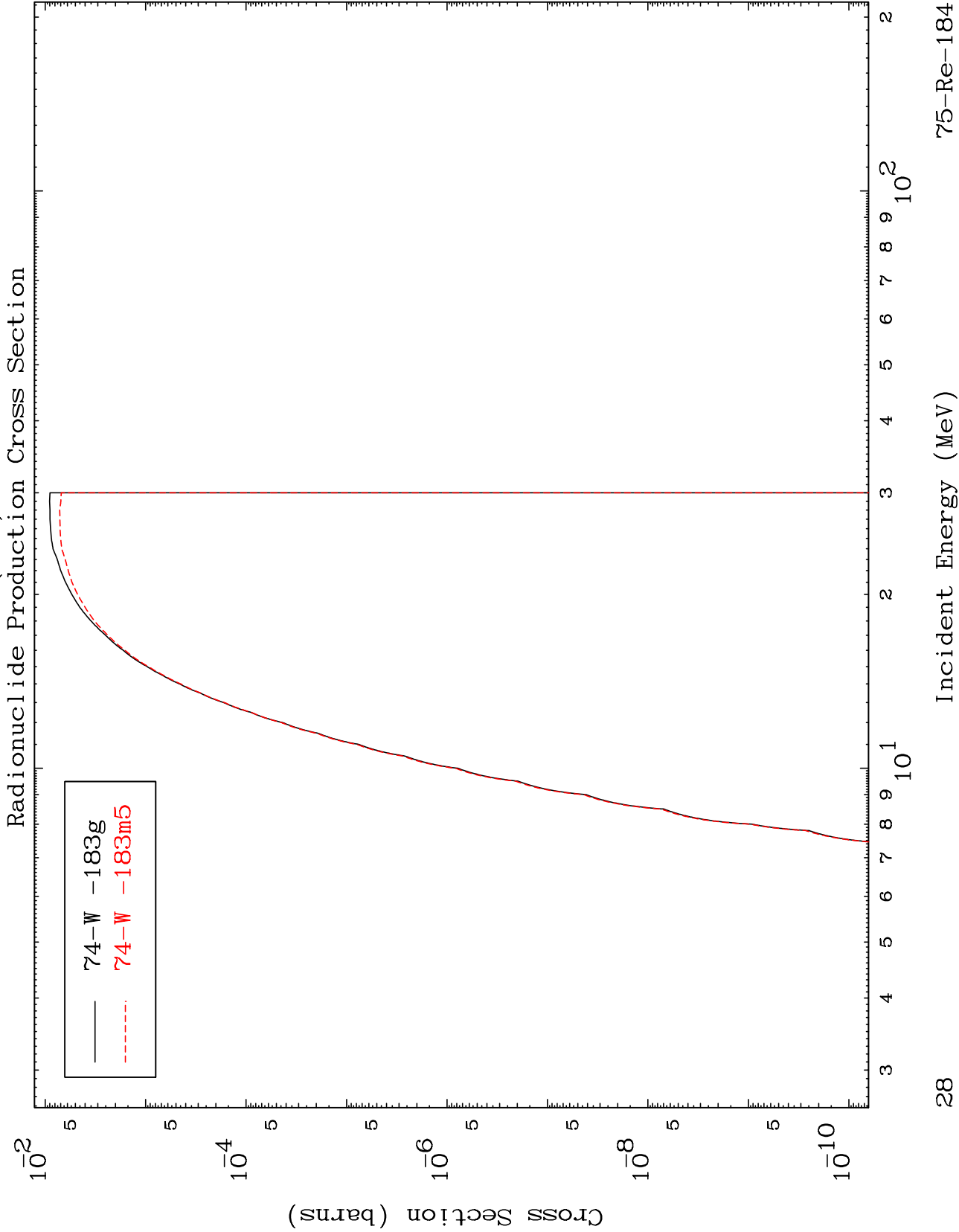
27

Incident Energy (MeV)

75-Re-184

MAT 7523

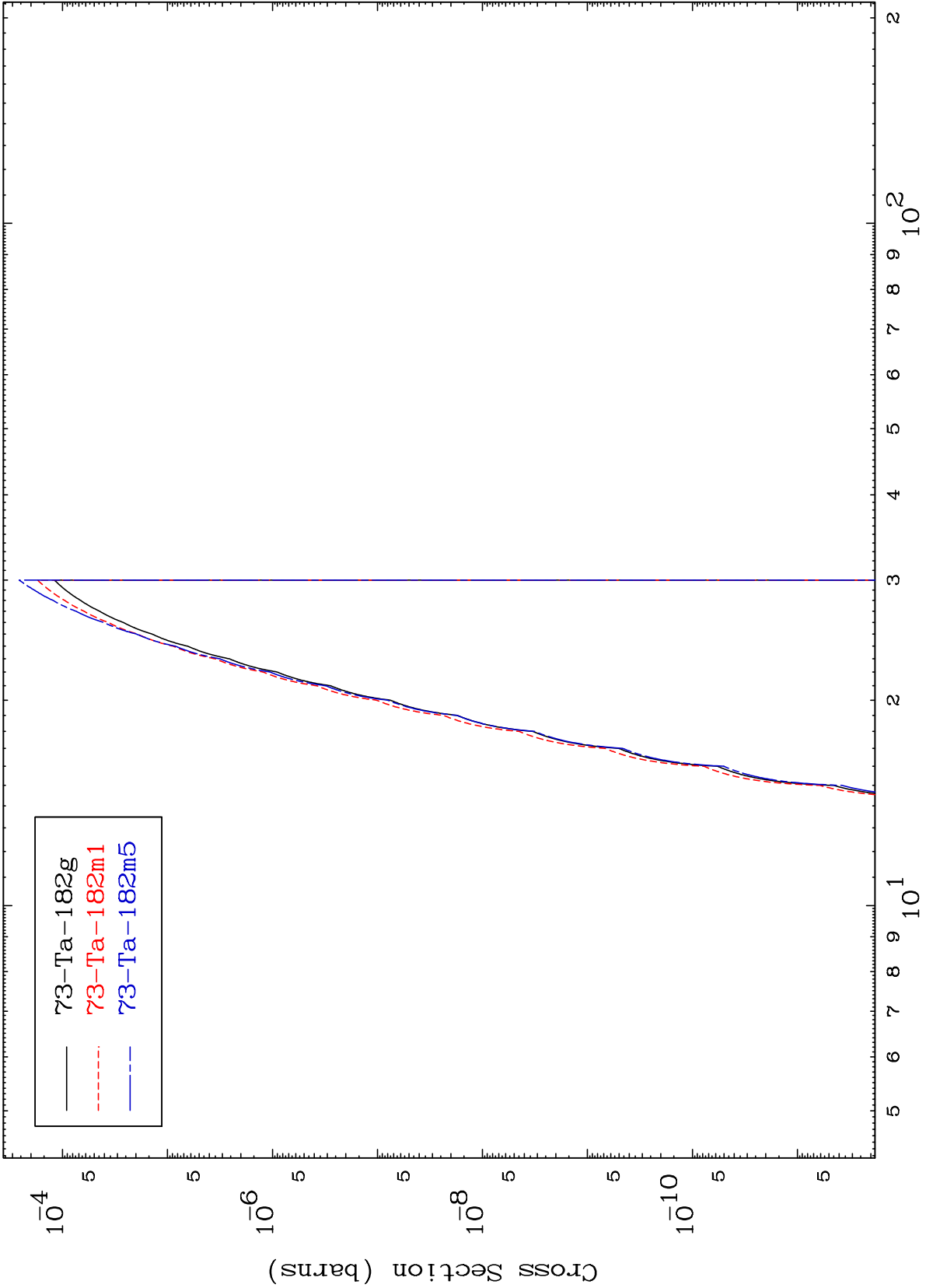
75-Re-184



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75-Re-184

Radionuclide Production Cross Section (n,He-3)

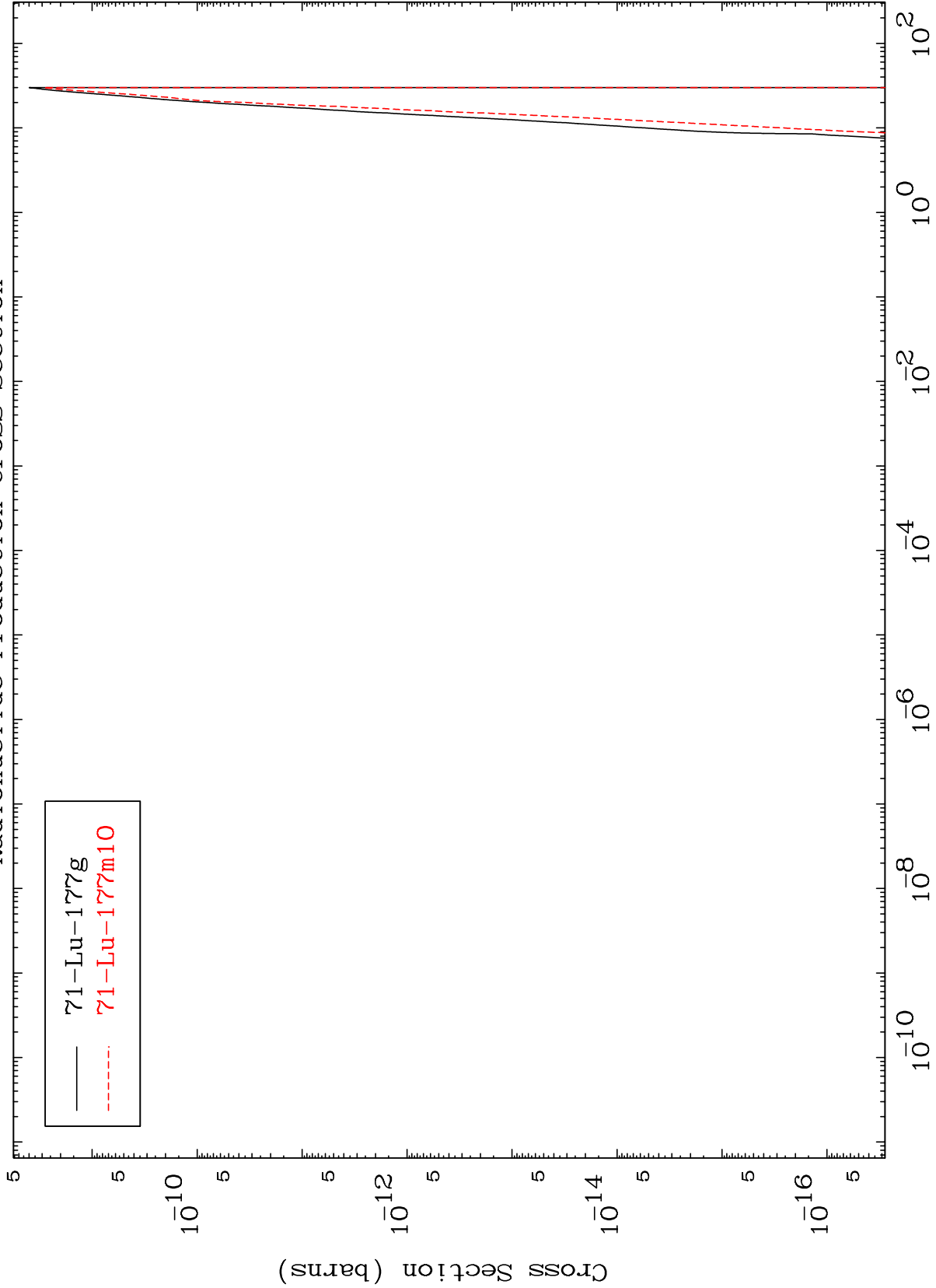


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(n,2α)

75-Re-184

Radionuclide Production Cross Section



30

Incident Energy (MeV)

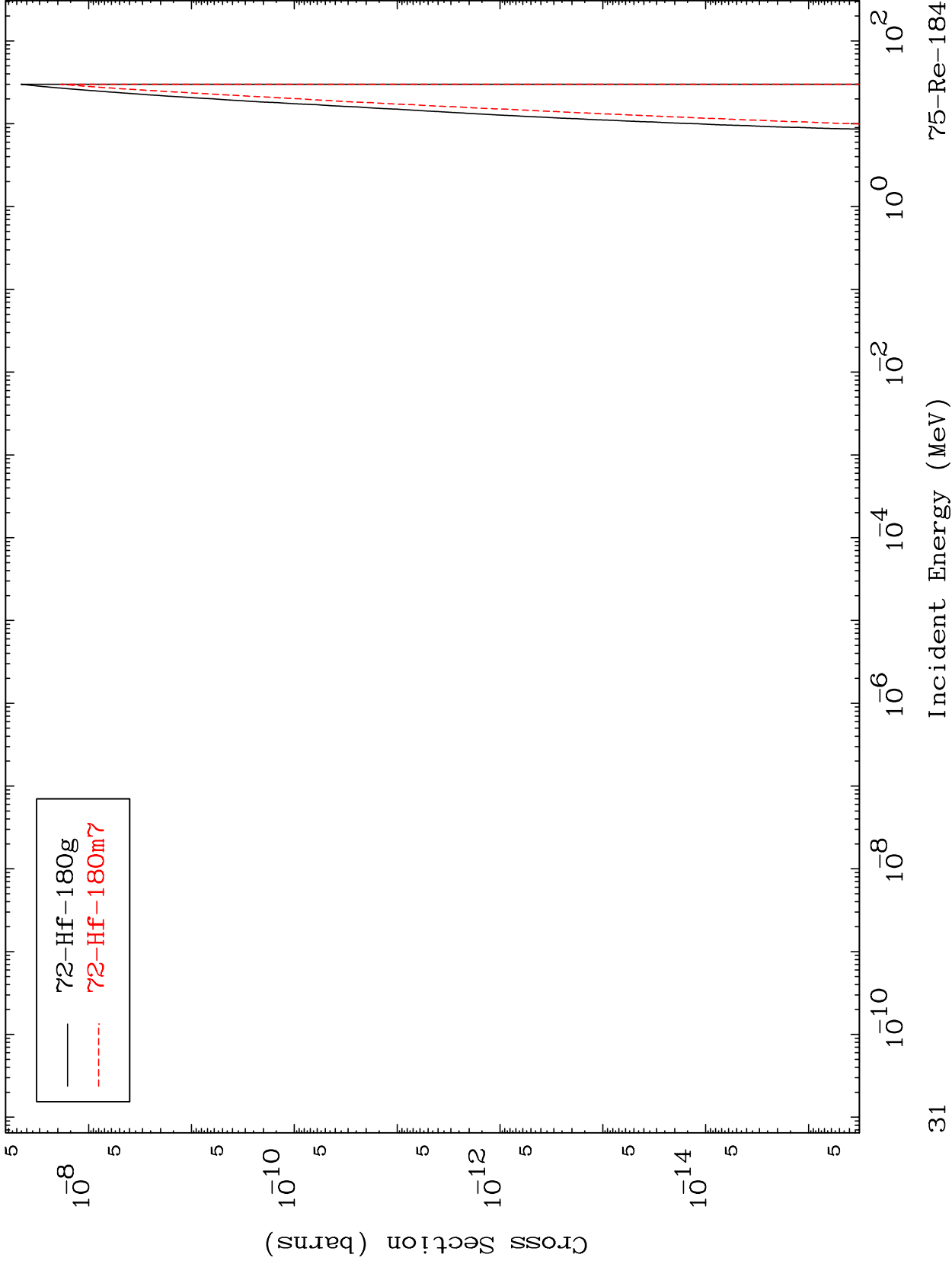
75-Re-184

MAT 7523

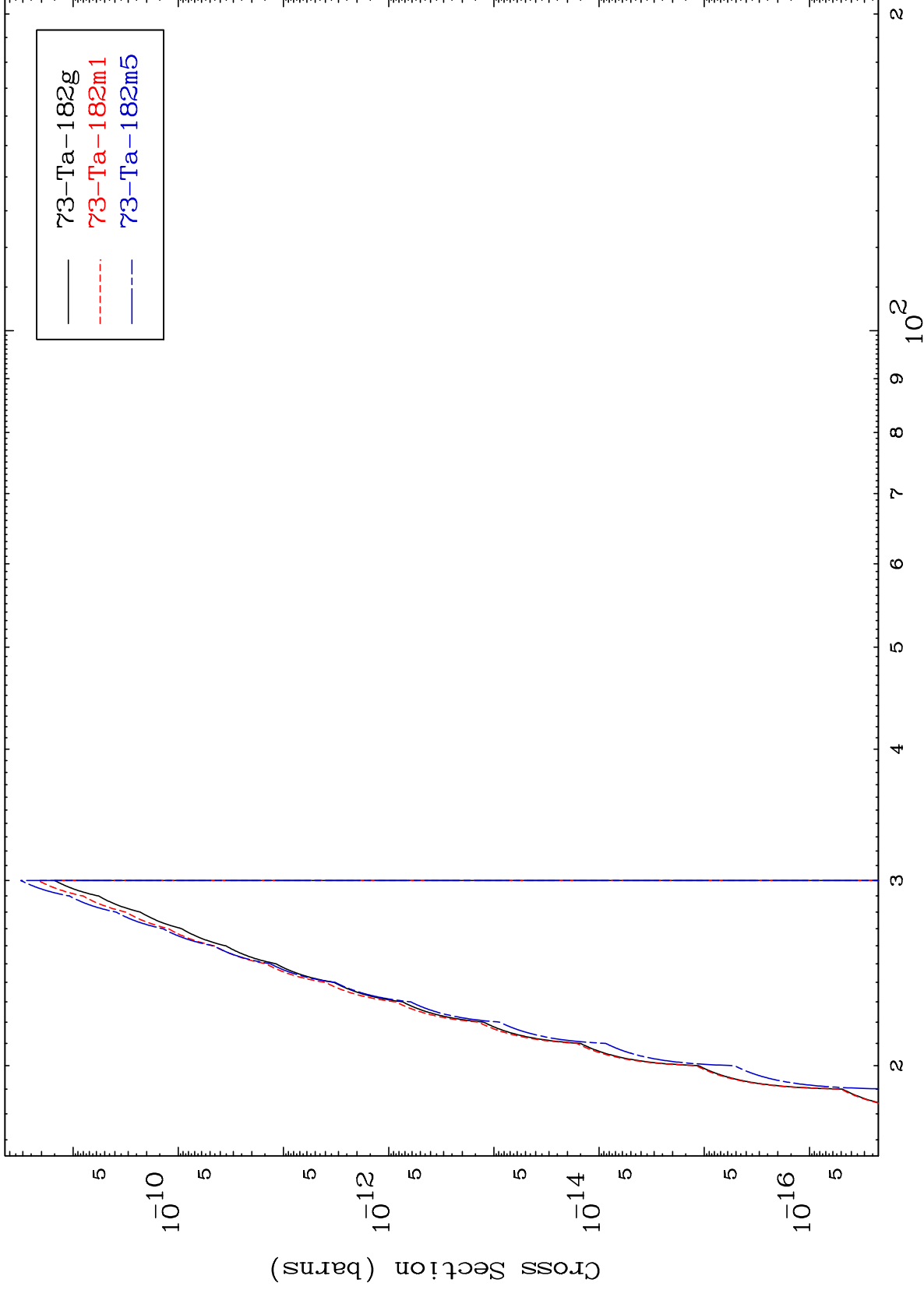
(n,p) α

⁷⁵Re-¹⁸⁴

Radionuclide Production Cross Section



Radionuclide Production Cross Section

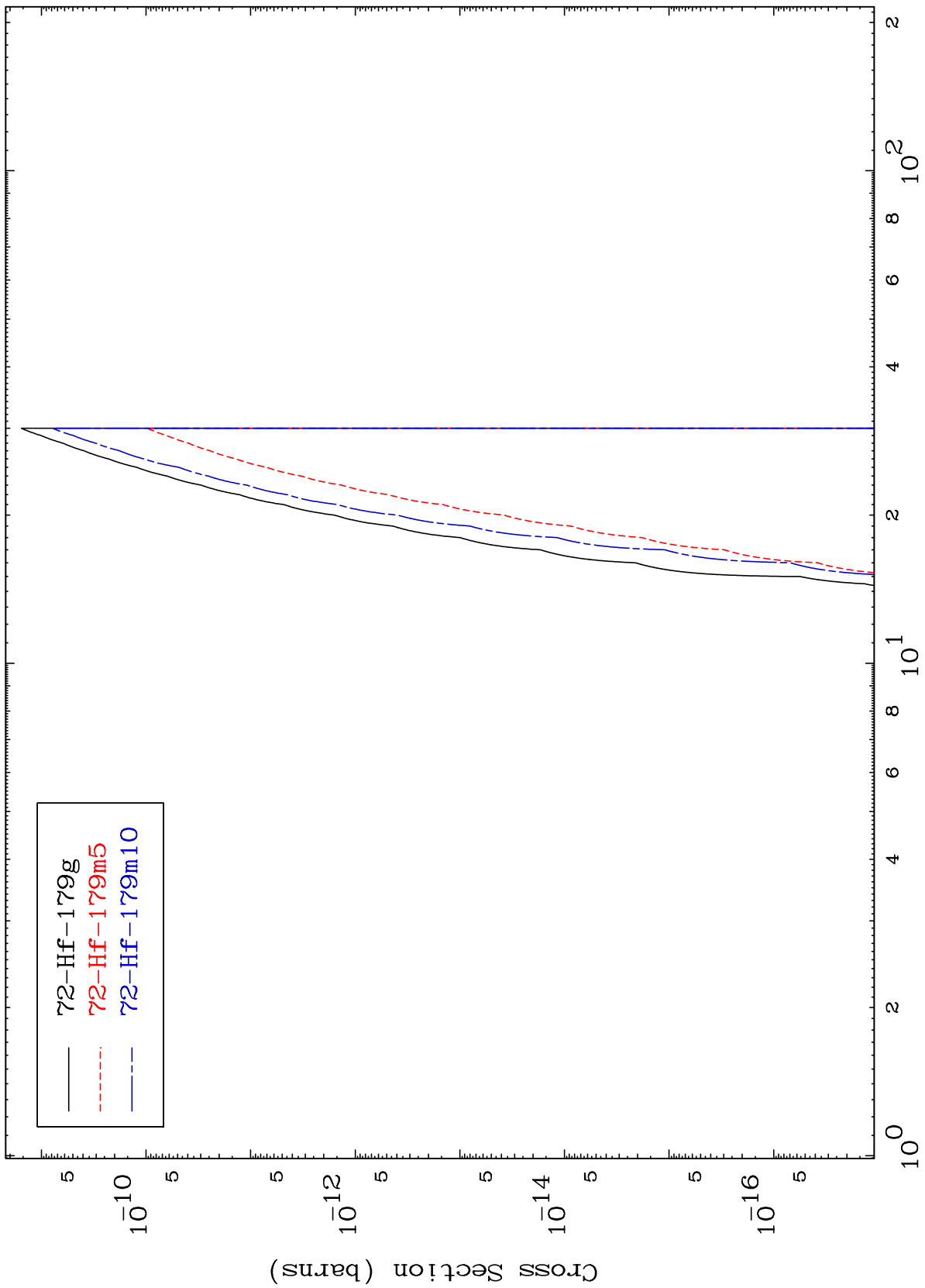


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(n,d) α

75-Re-184

Radionuclide Production Cross Section



33

Incident Energy (MeV)

75-Re-184