

Program EVALPLOT
(Version 2015-2)

by

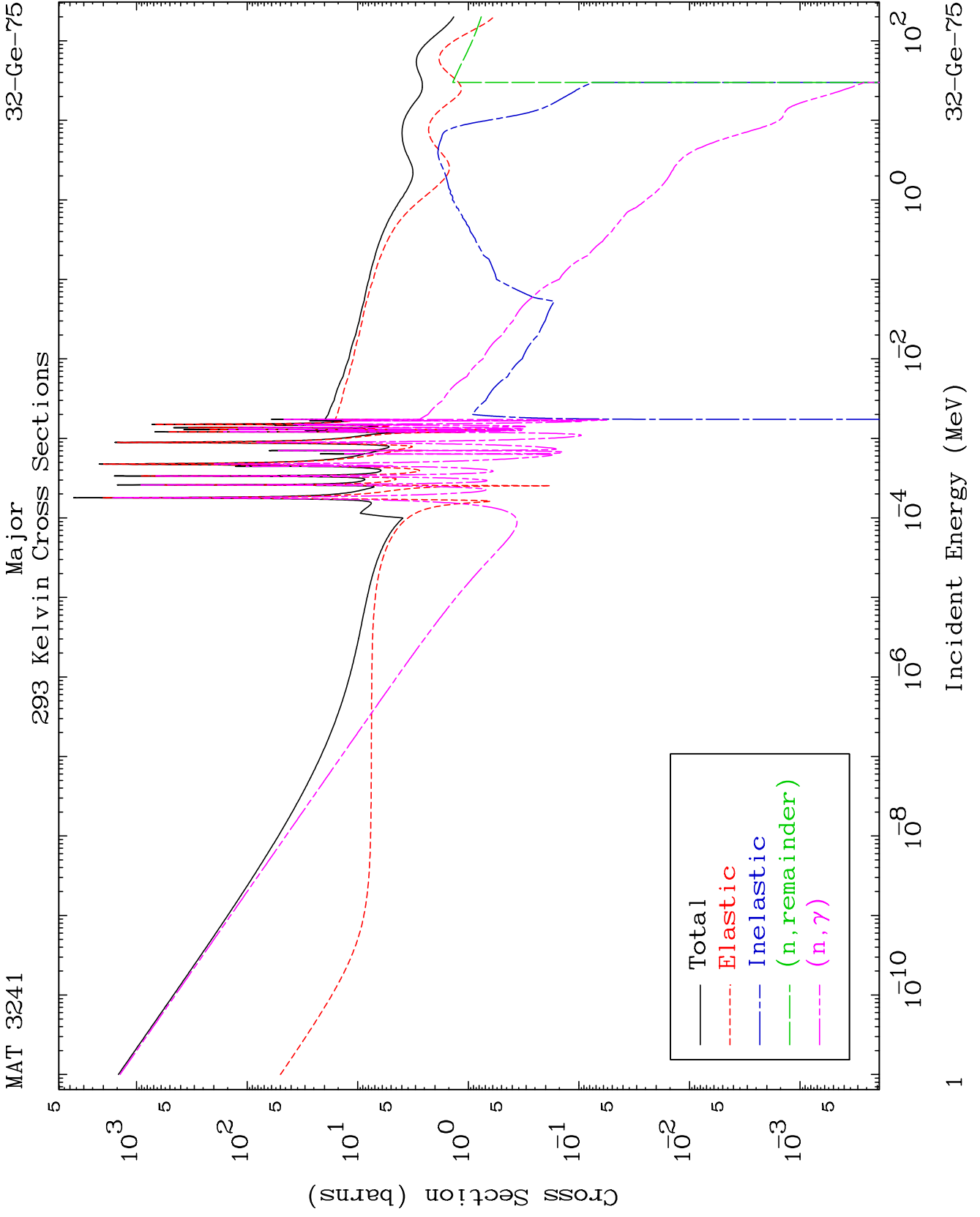
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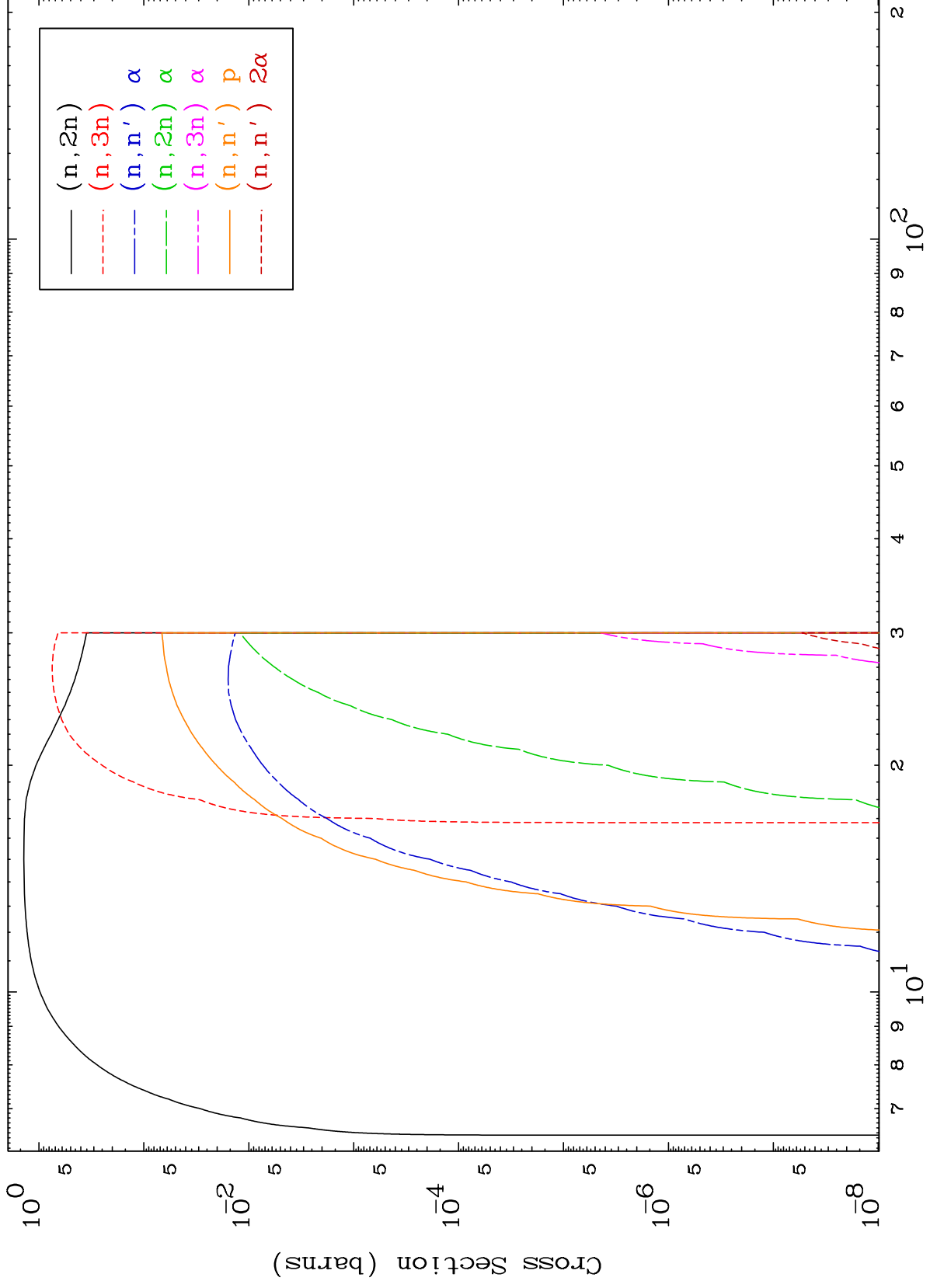
Press Mouse Button to Start



MAT 3241

Neutron Production
293 Kelvin Cross Sections

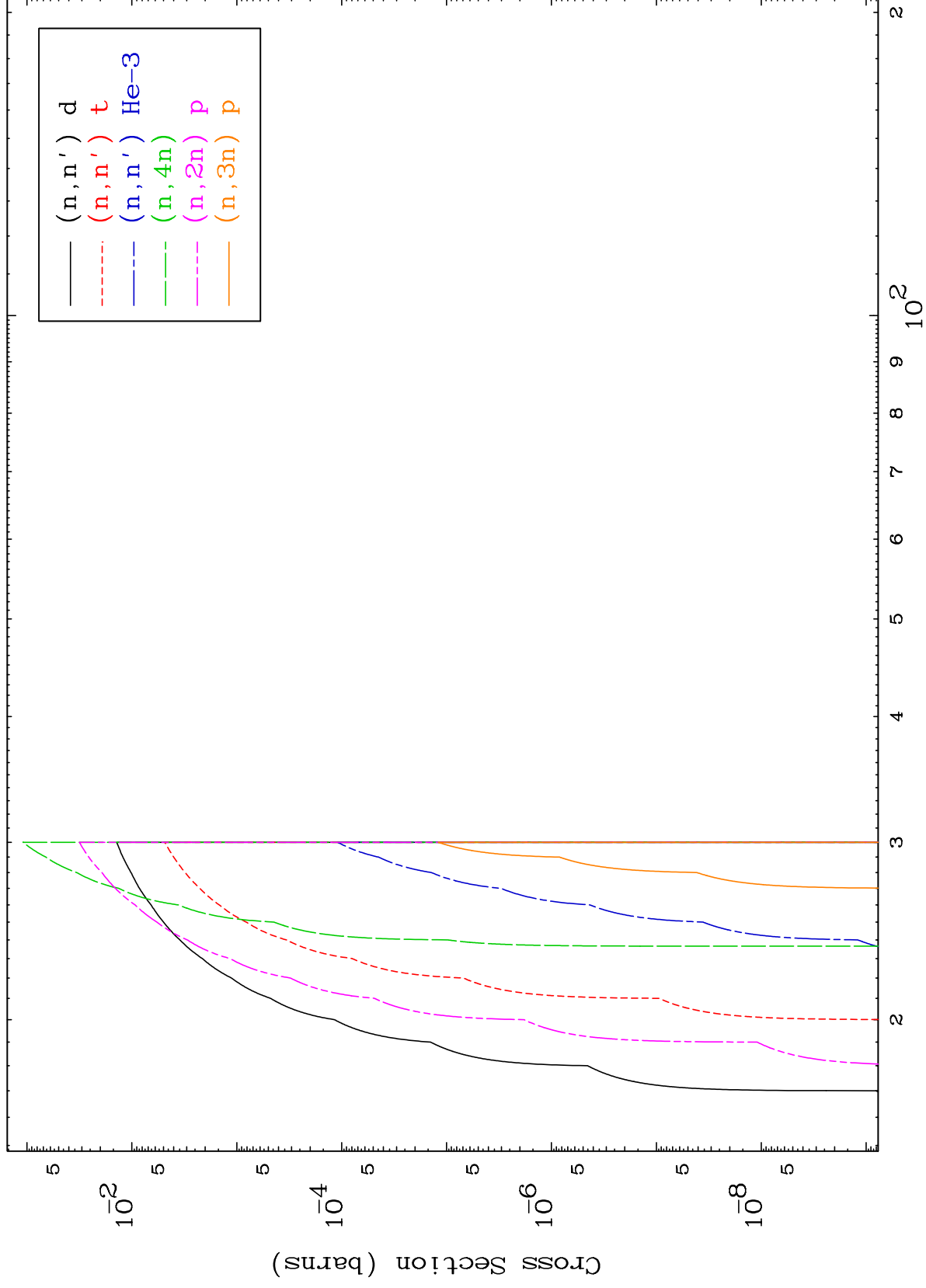
32-Ge-75



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Incident Energy (MeV)

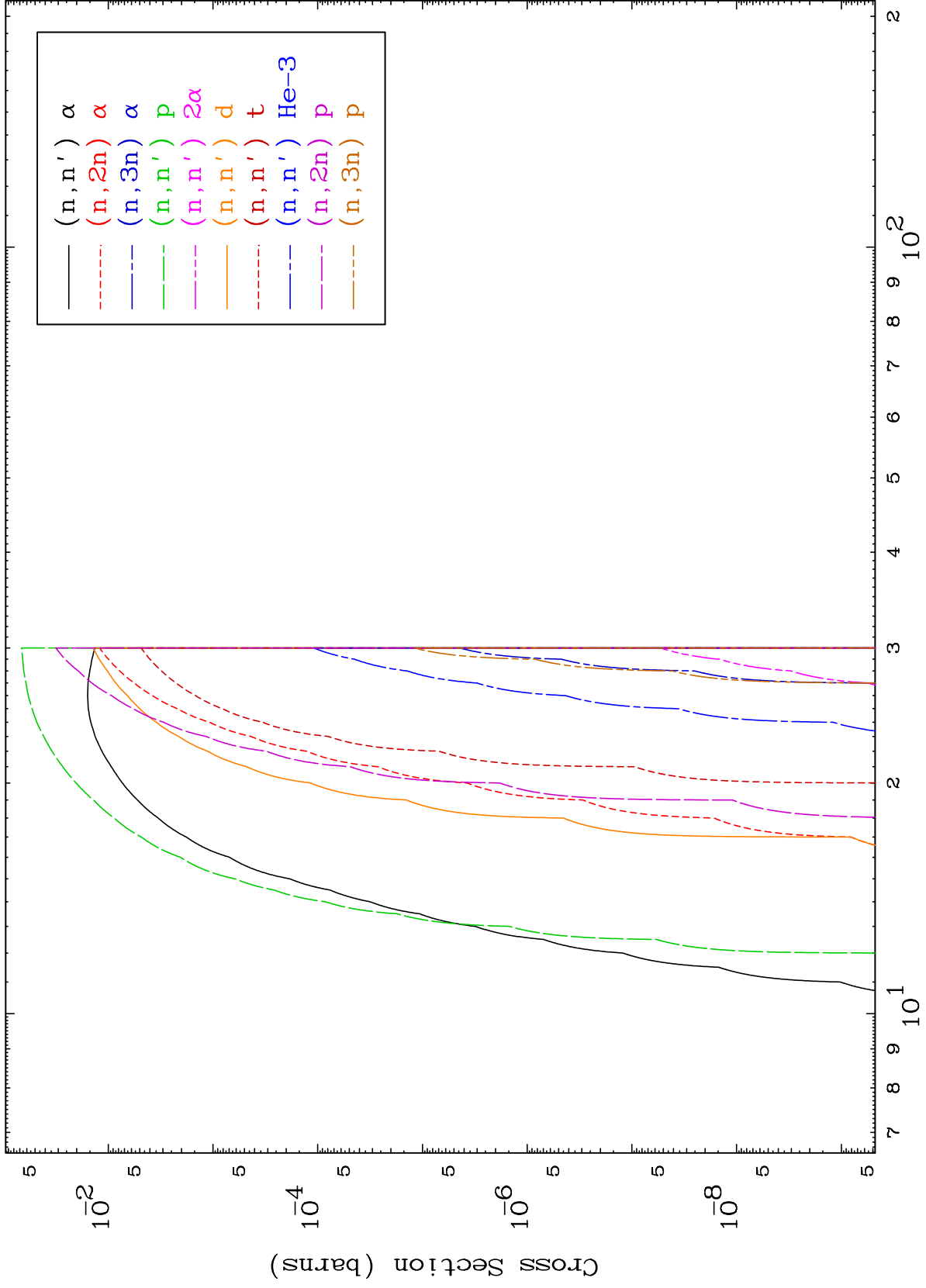
32-Ge-75



MAT 3241

Charged Particle
293 Kelvin Cross Sections

32-Ge-75



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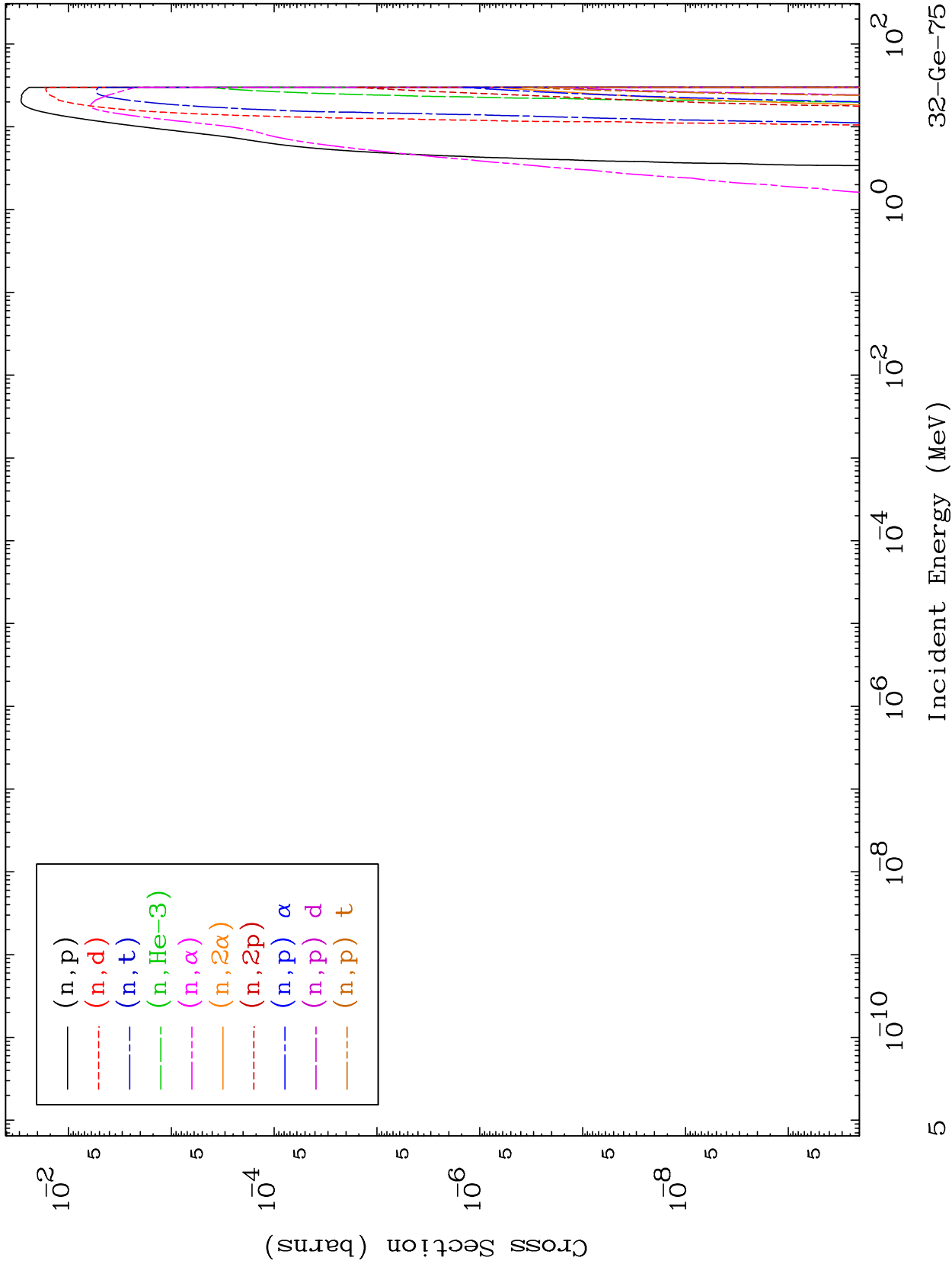
Incident Energy (MeV)

32-Ge-75

MAT 3241

Charged Particle
293 Kelvin Cross Sections

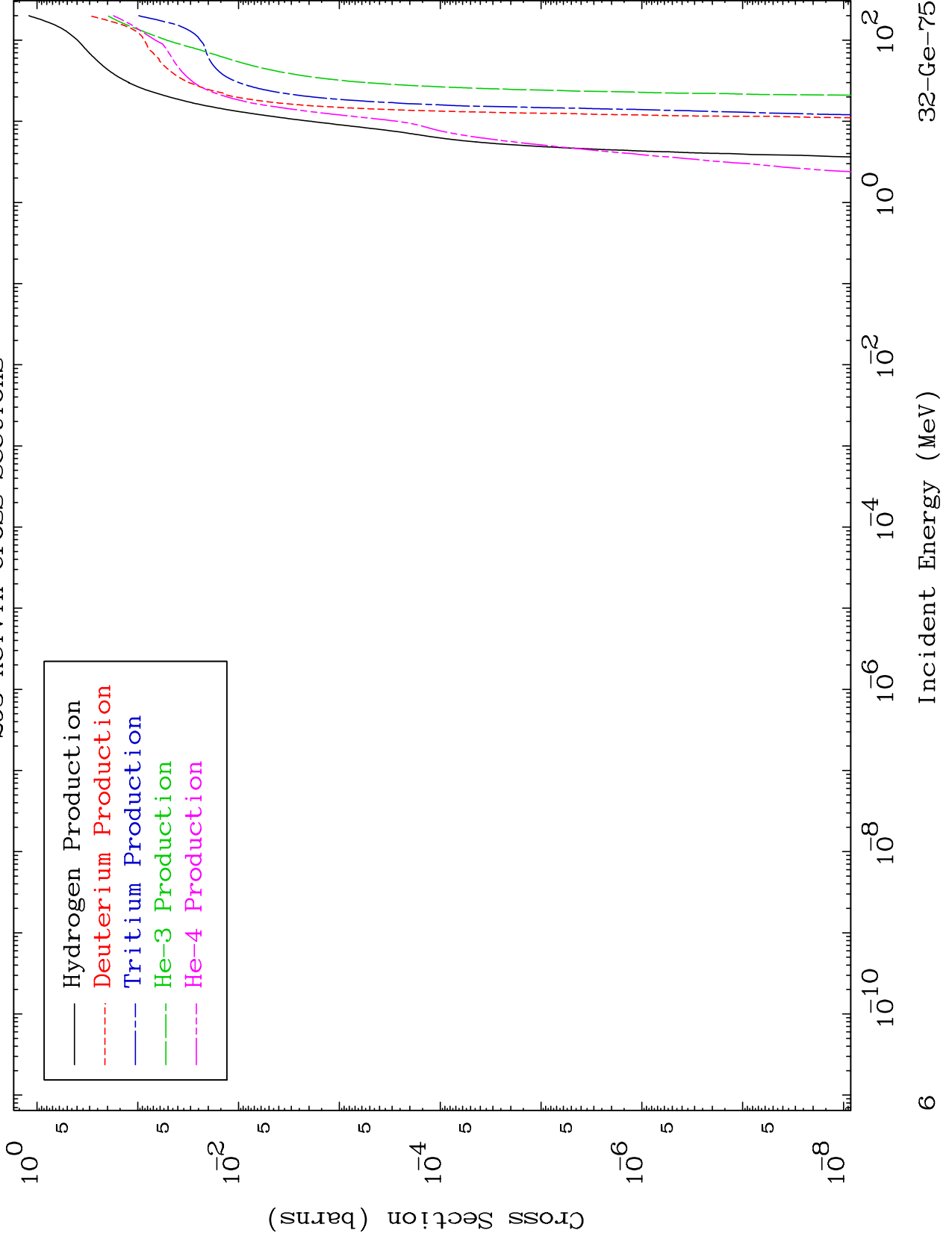
32-Ge-75



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Particle Production
293 Kelvin Cross Sections

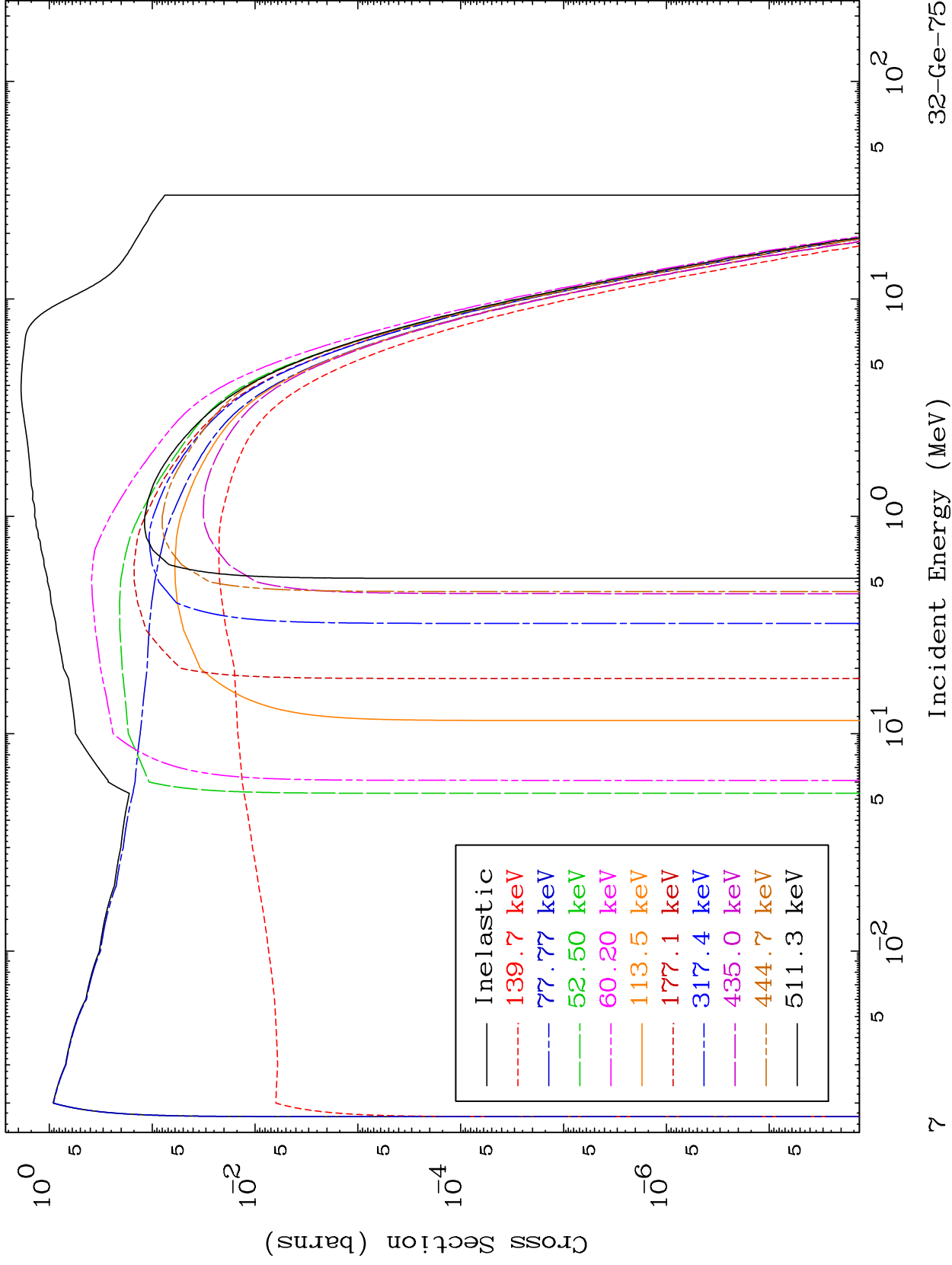
32-Ge-75



MAT 3241

(n, n') Level
293 Kelvin Cross Sections

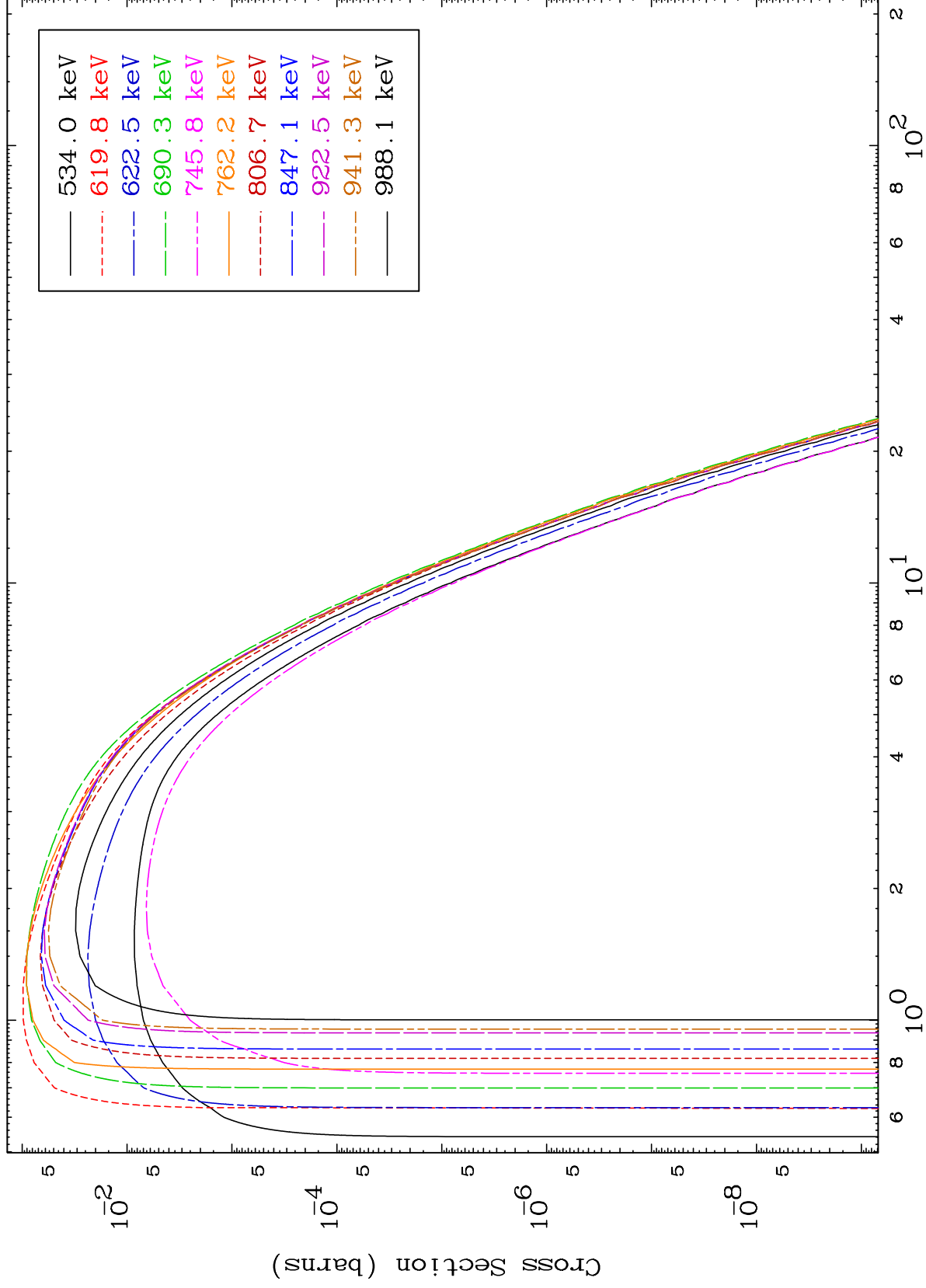
³²Ge-75



MAT 3241

(n,n') Level
293 Kelvin Cross Sections

32-Ge-75



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Incident Energy (MeV)

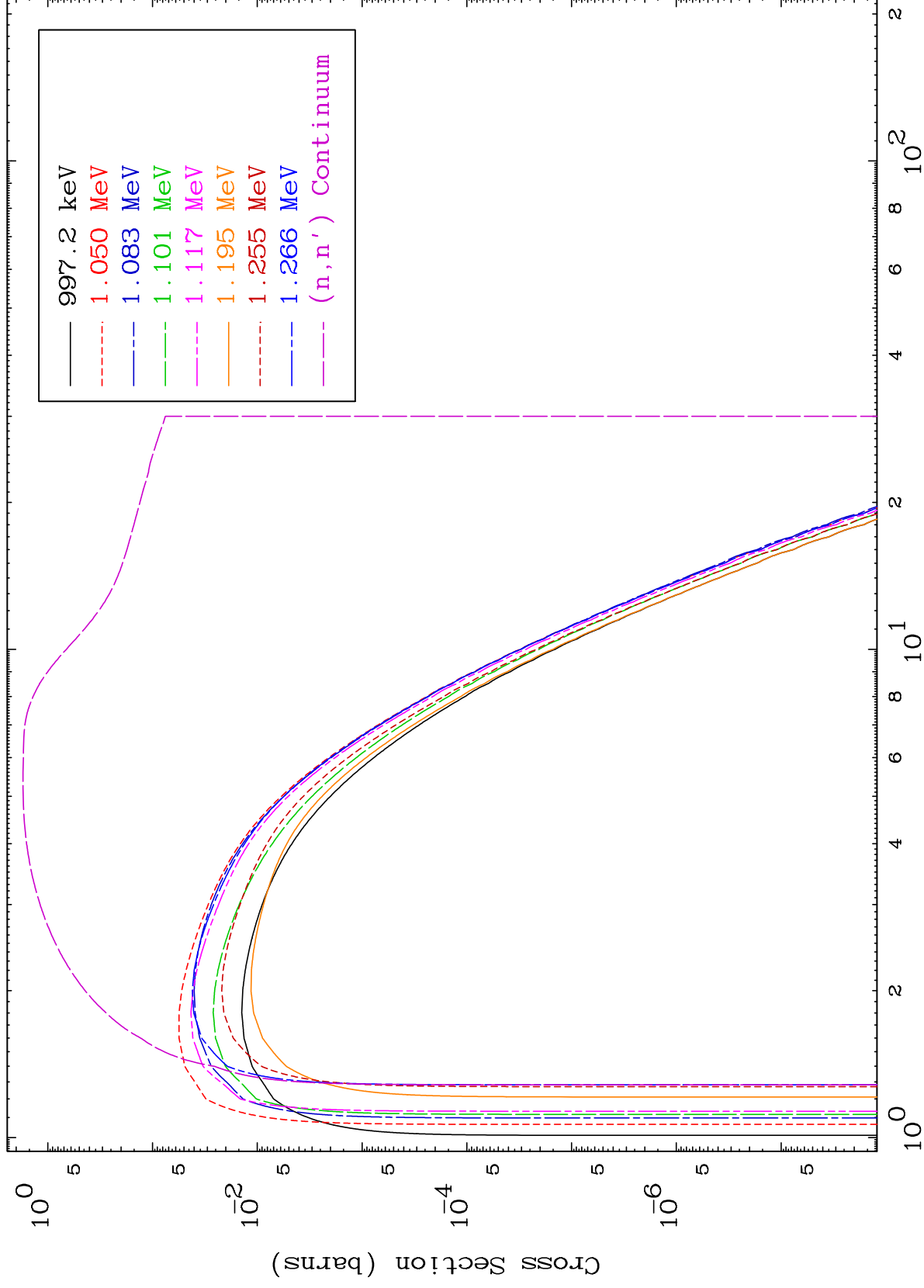
32-Ge-75

MAT 3241

(n,n') Level

293 Kelvin Cross Sections

32-Ge-75



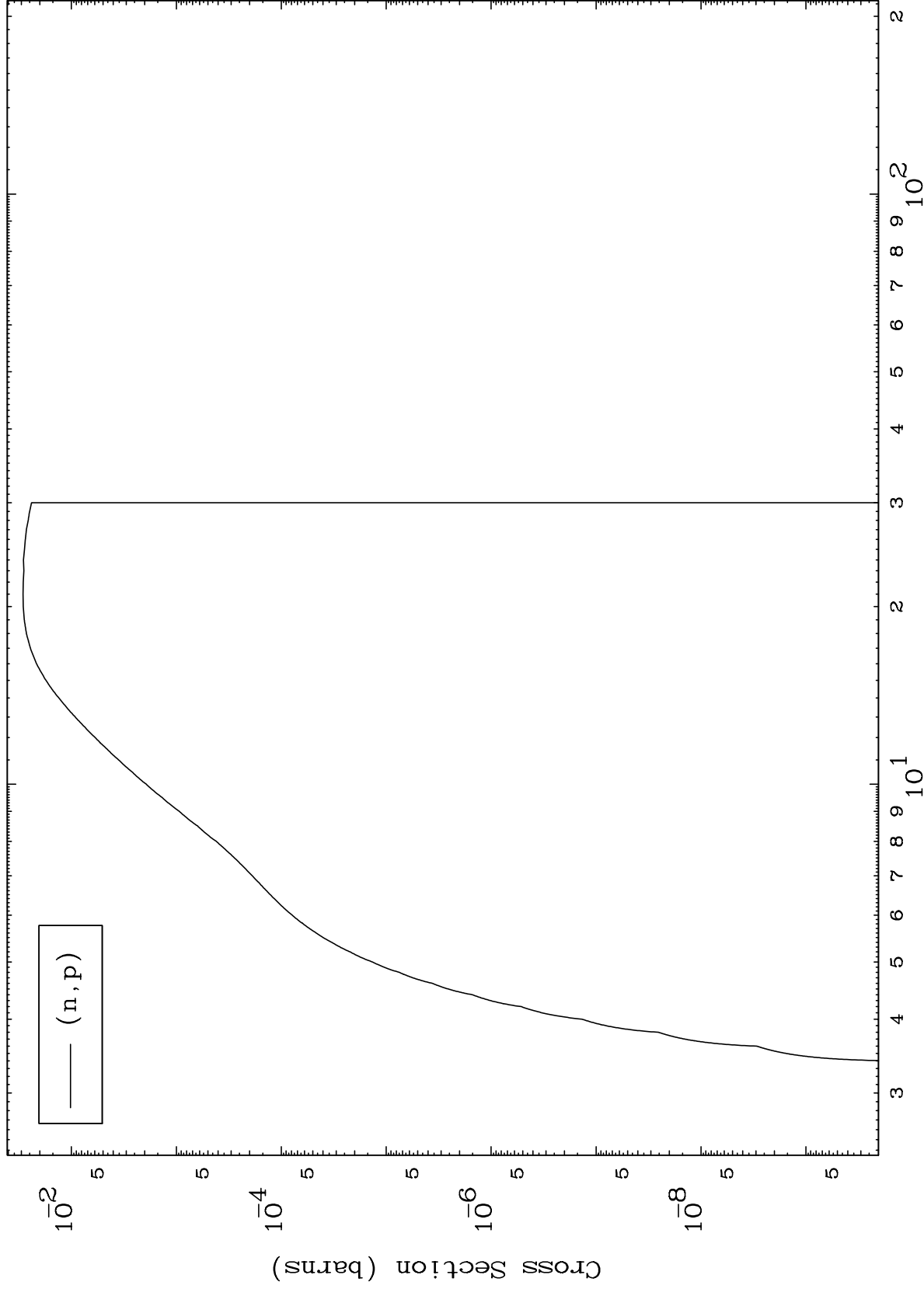
Incident Energy (MeV)

32-Ge-75

MAT 3241

(n,p) Levels
293 Kelvin Cross Sections

³²Ge-75



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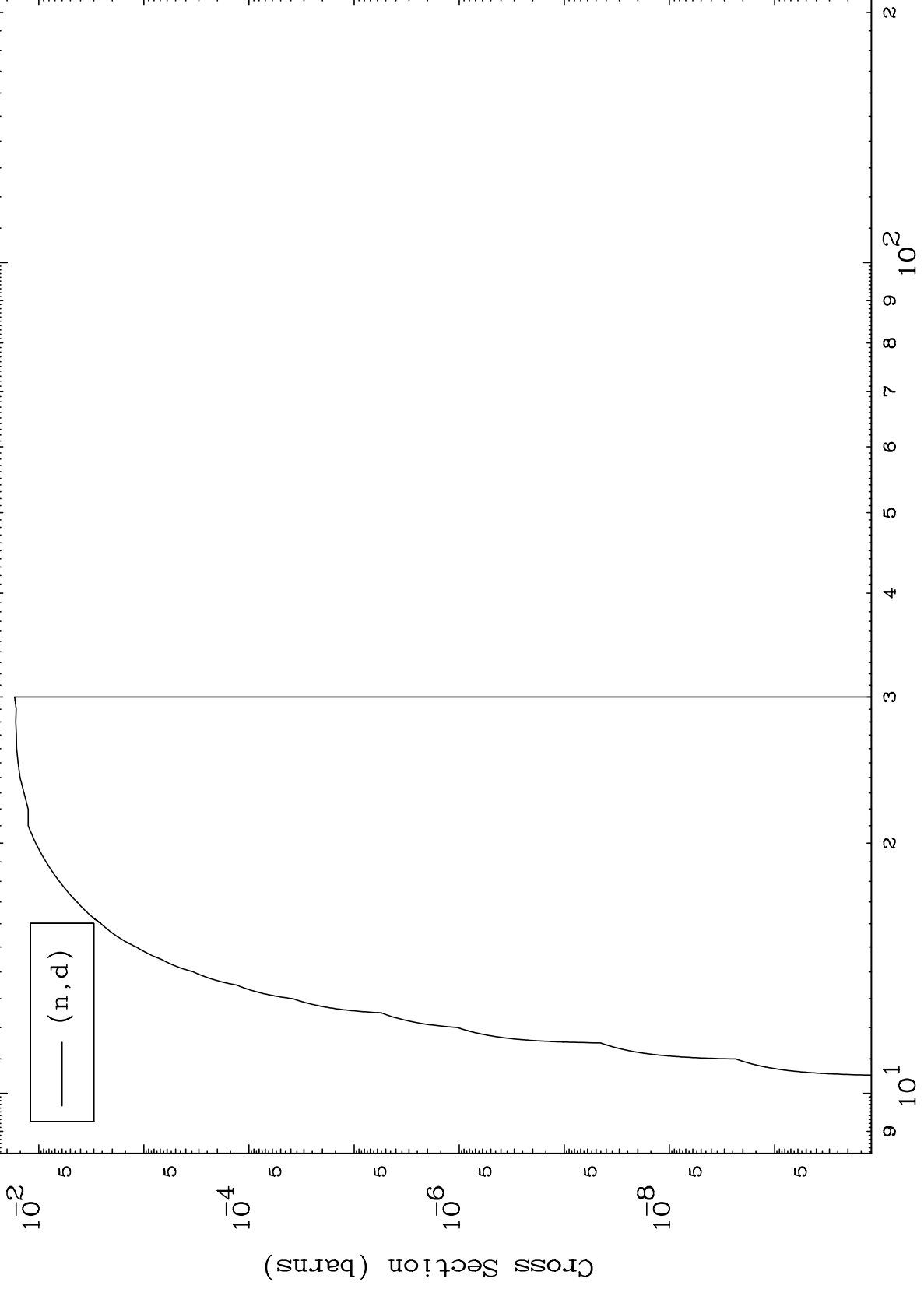
Incident Energy (MeV)

³²Ge-75

MAT 3241

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-75



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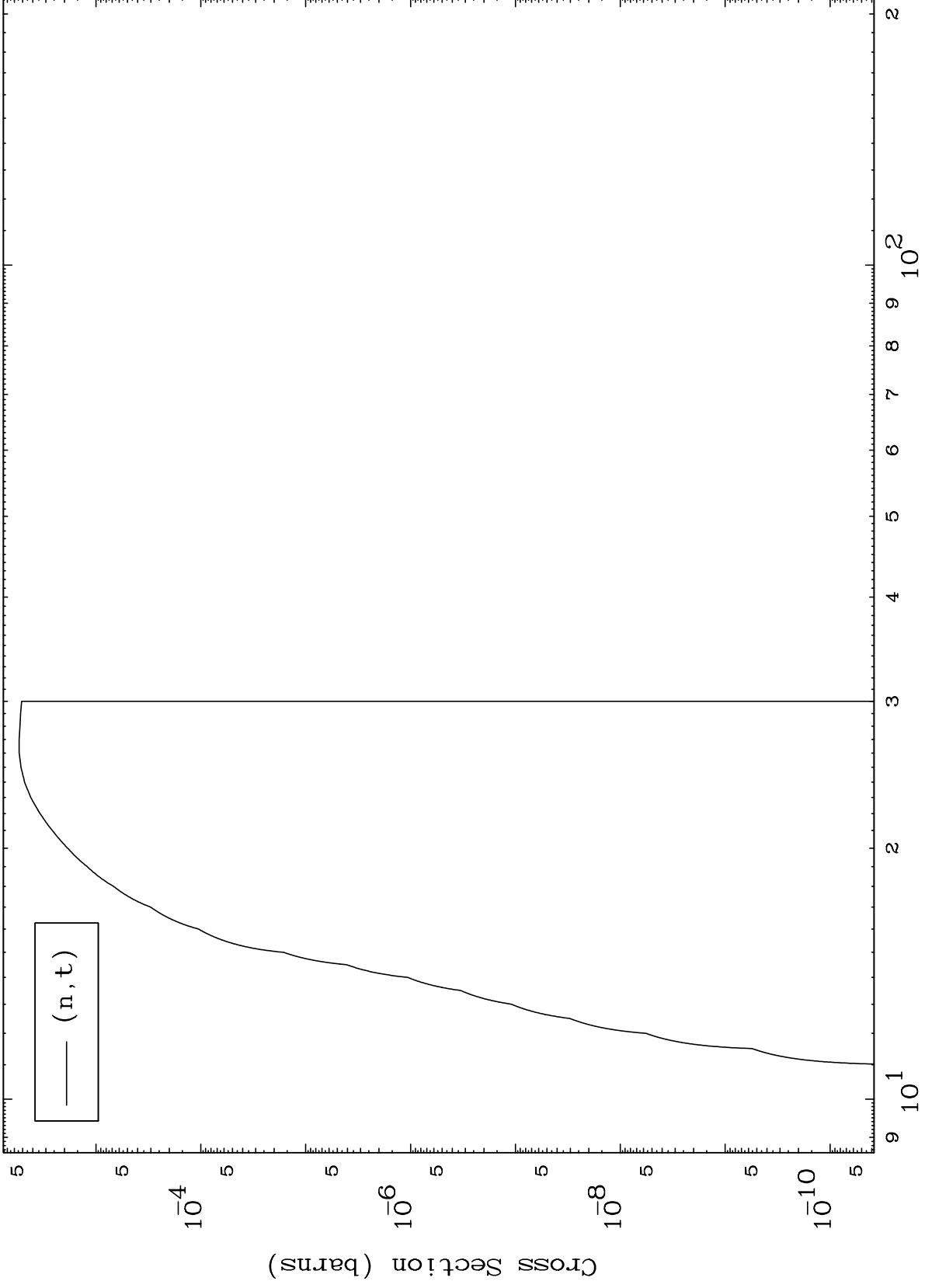
Incident Energy (MeV)

³²Ge-75

MAT 3241

(n,t) Levels
293 Kelvin Cross Sections

³²Ge-75



12

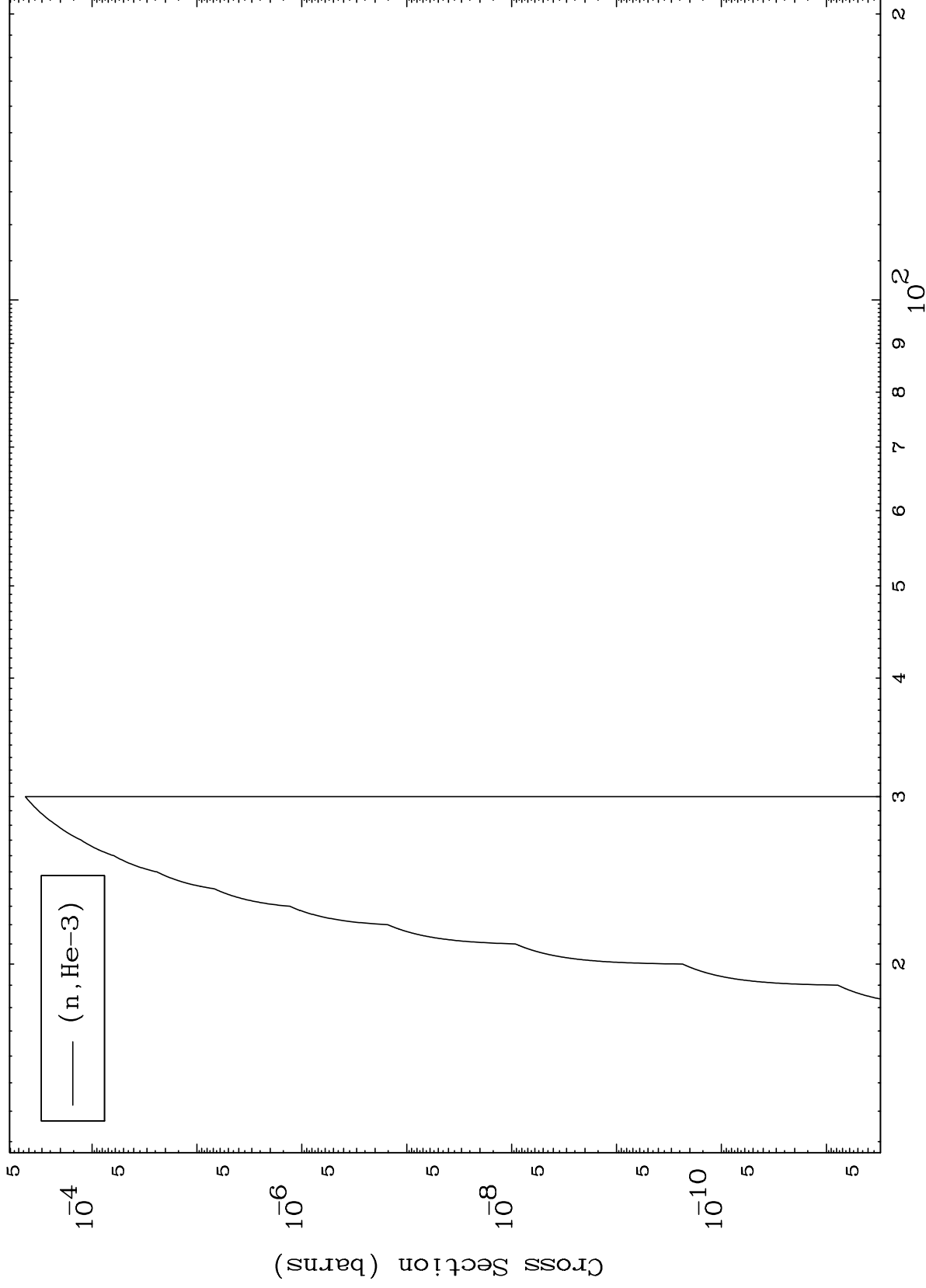
Incident Energy (MeV)

³²Ge-75

MAT 3241

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-75



13

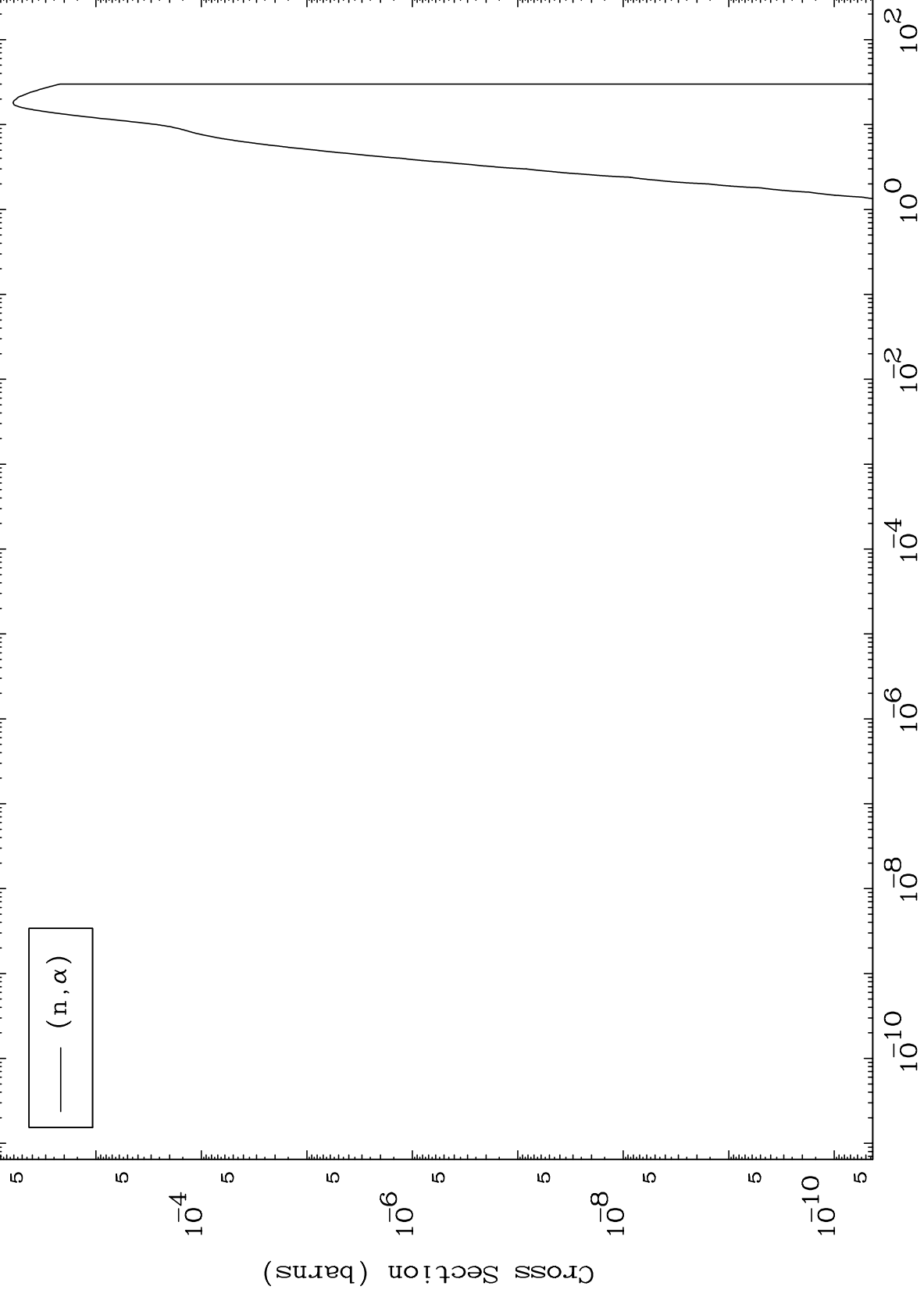
Incident Energy (MeV)

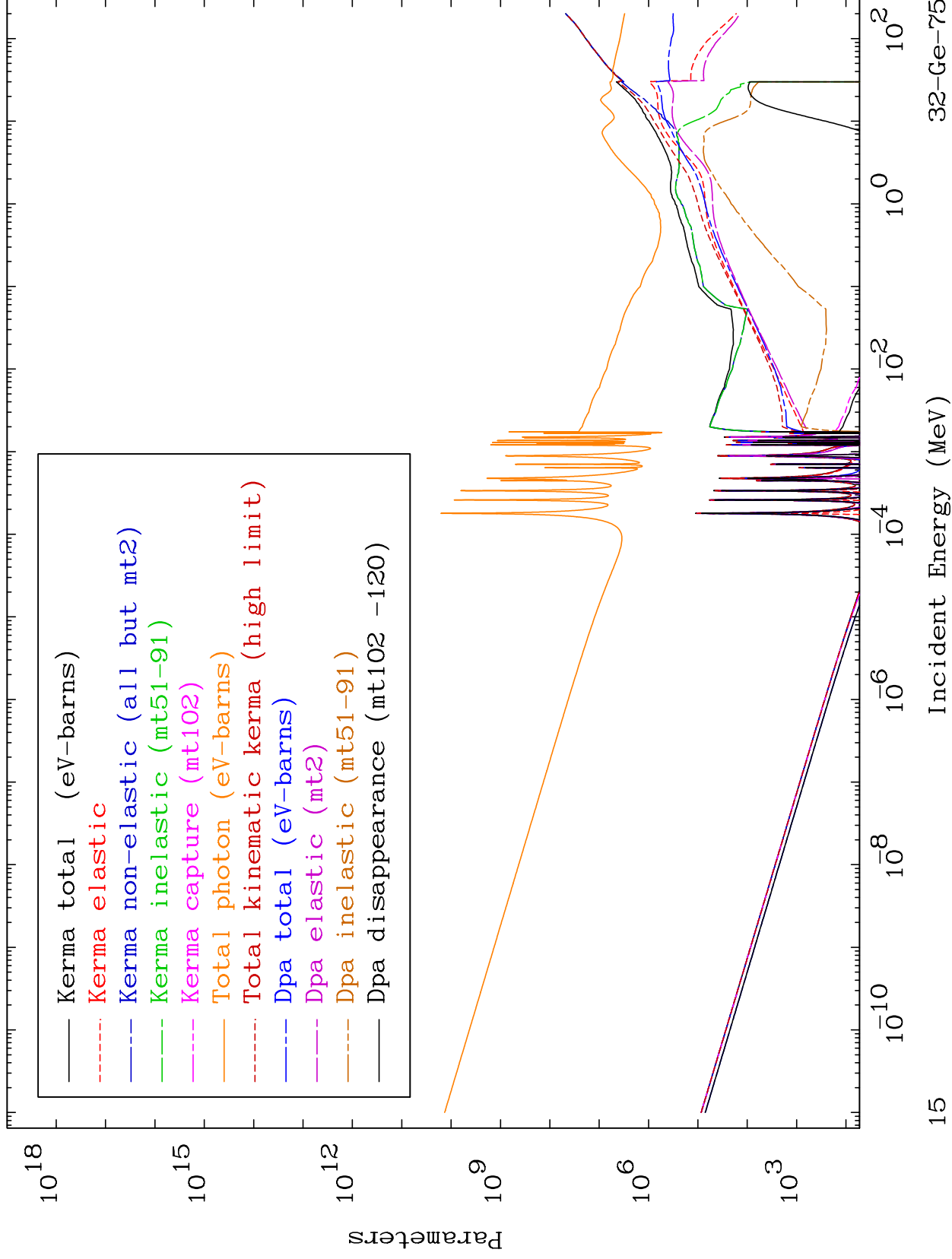
32-Ge-75

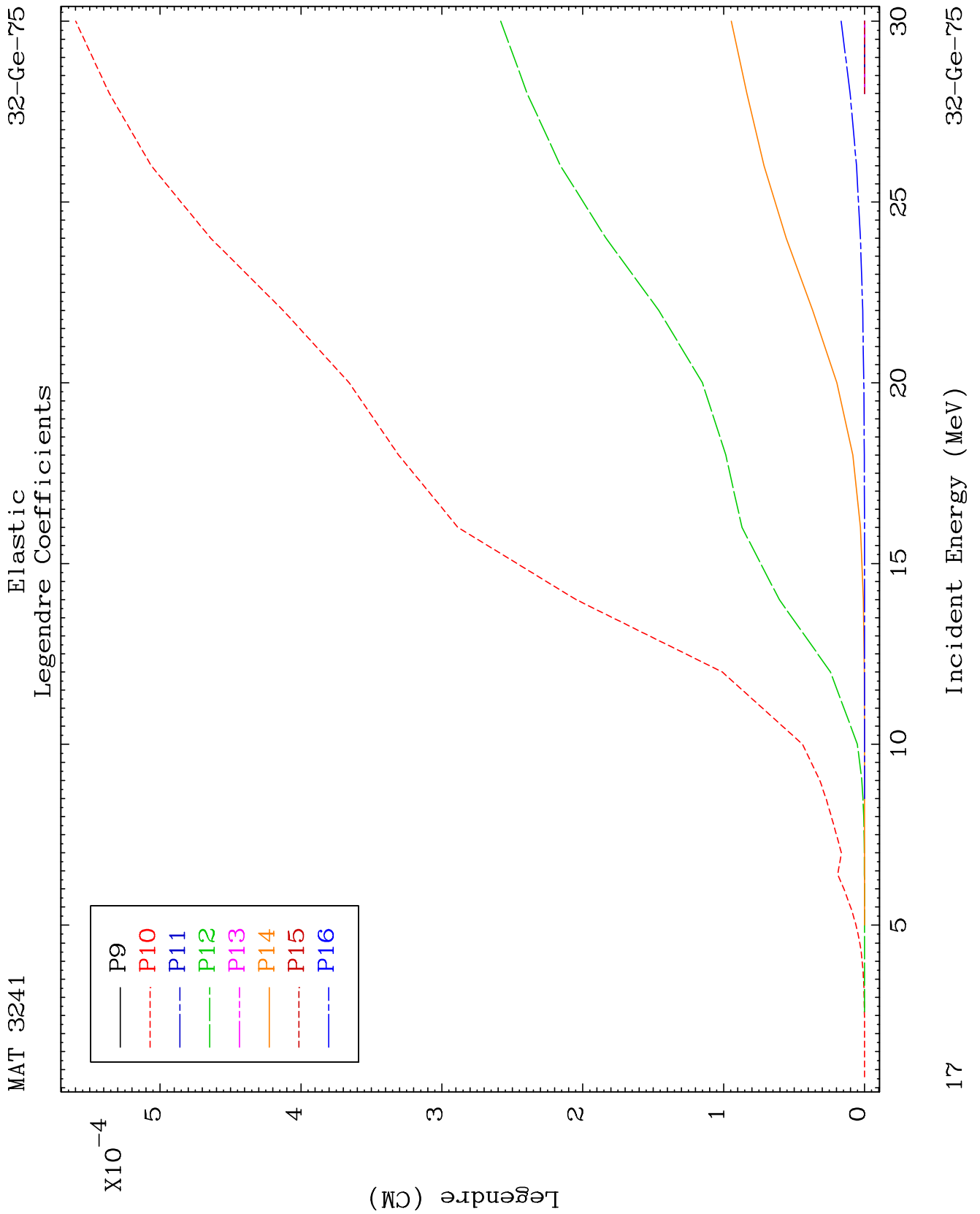
MAT 3241

(n, α) Levels
293 Kelvin Cross Sections

32-Ge-75



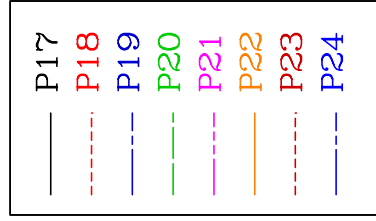




MAT 3241

Elastic
Legendre Coefficients

³²Ge-75



$\times 10^{-6}$
1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

15

20

25

30

18

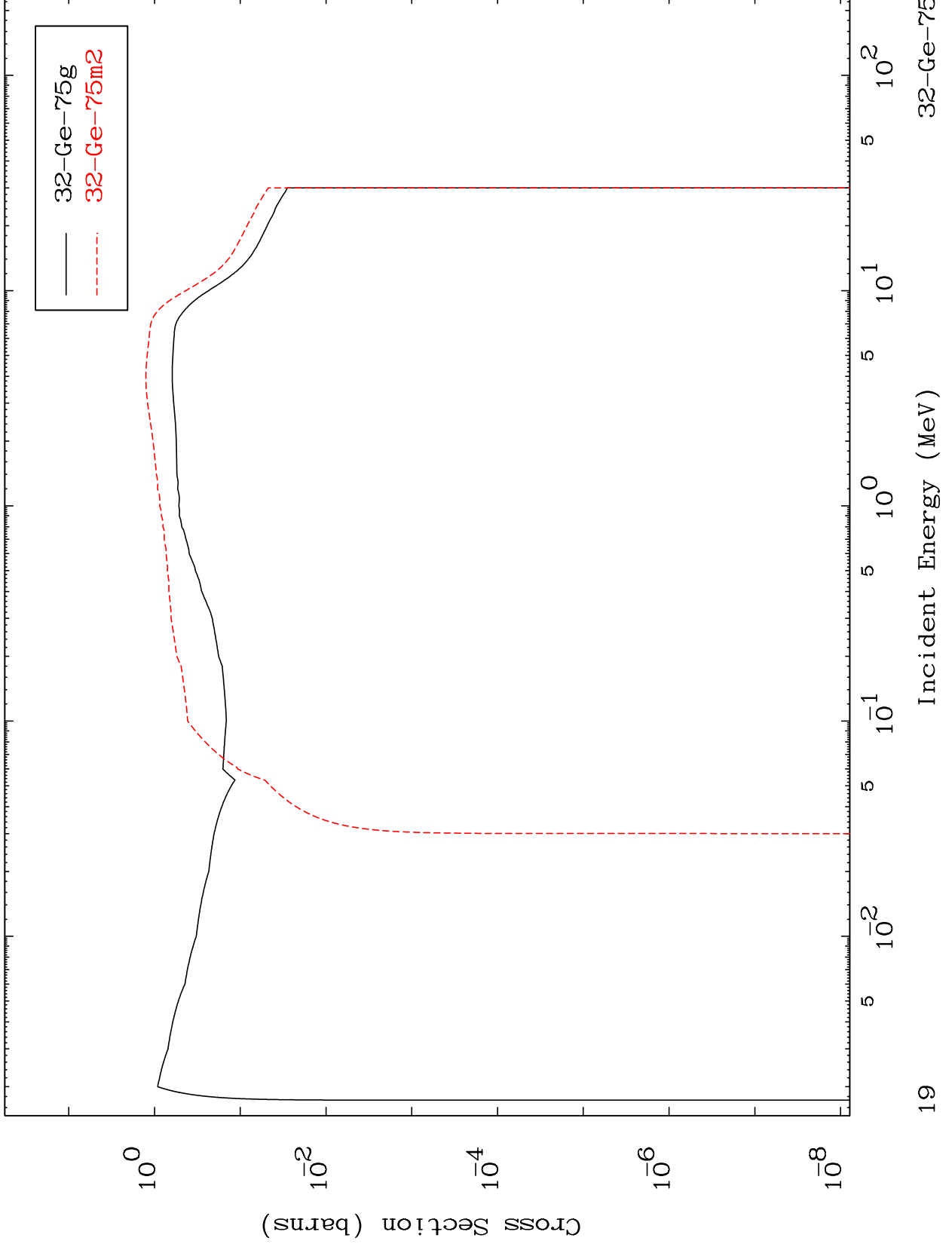
Incident Energy (MeV)

³²Ge-75

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Radionuclide Production Cross Section

³²Ge-75



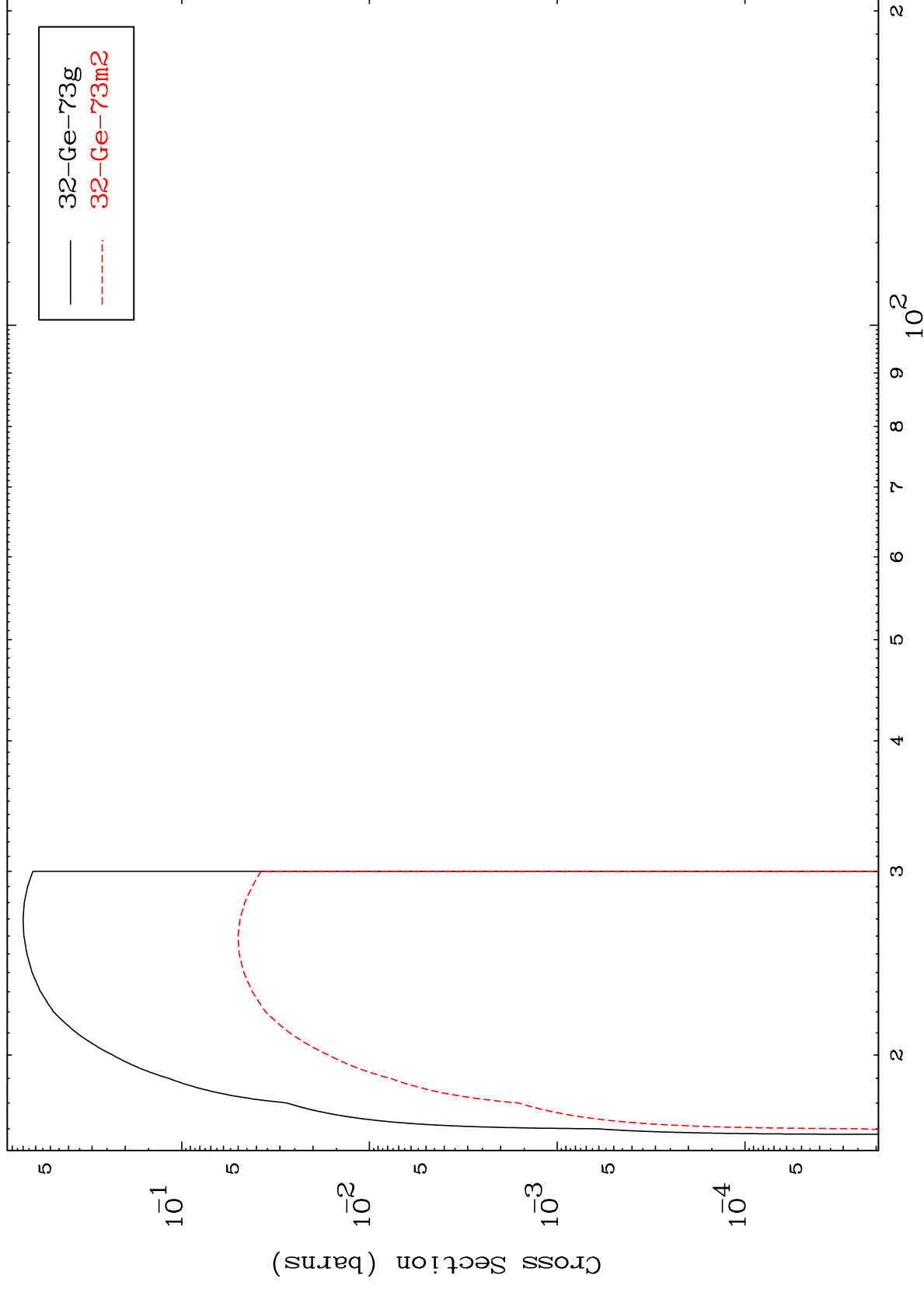
19

³²Ge-75

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³²Ge-75

(n,3n)
Radionuclide Production Cross Section



20

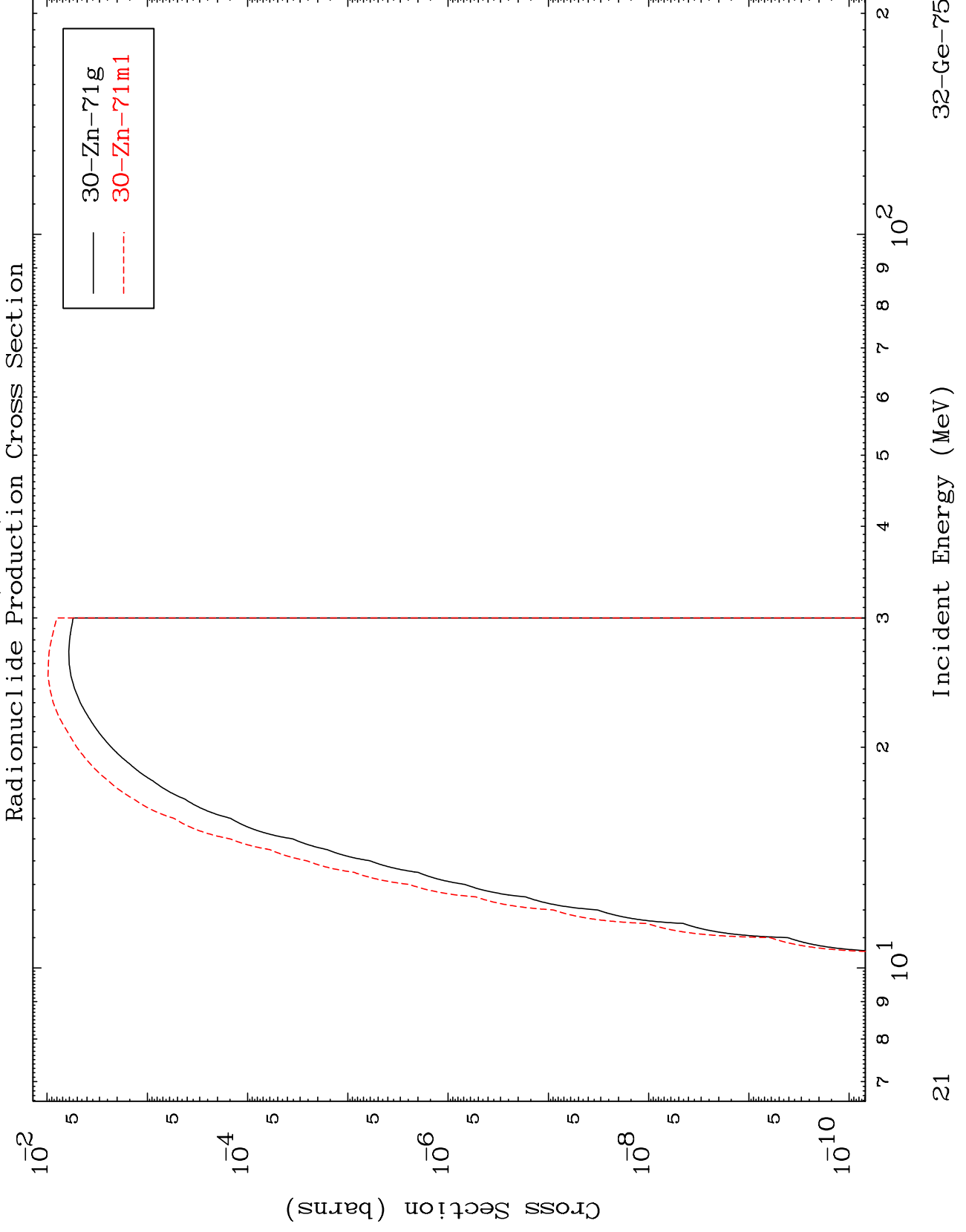
Incident Energy (MeV)

³²Ge-75

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$(n, n') \alpha$

$^{32}\text{Ge-75}$

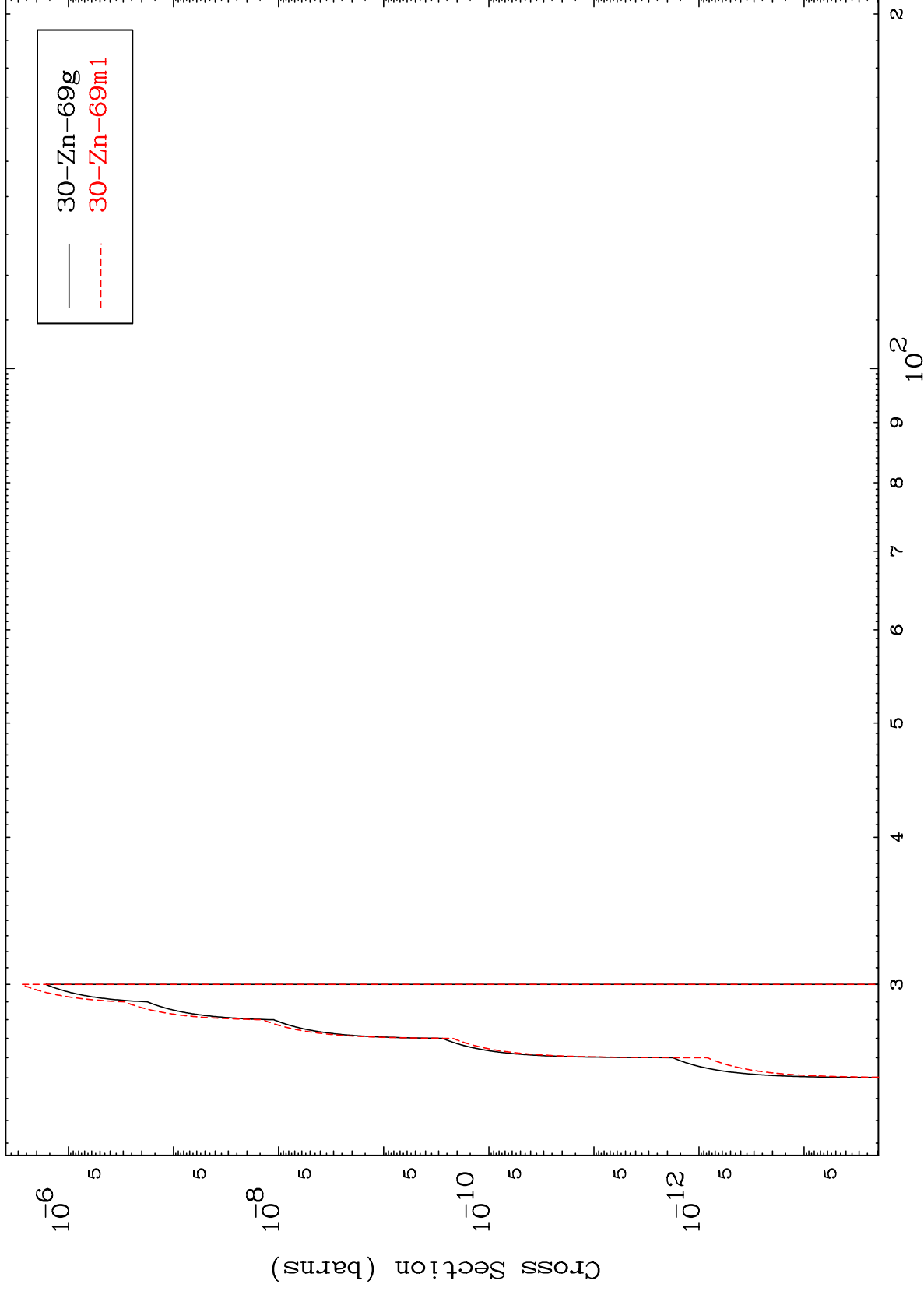


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(n,3n) α

³²Ge-75

Radionuclide Production Cross Section

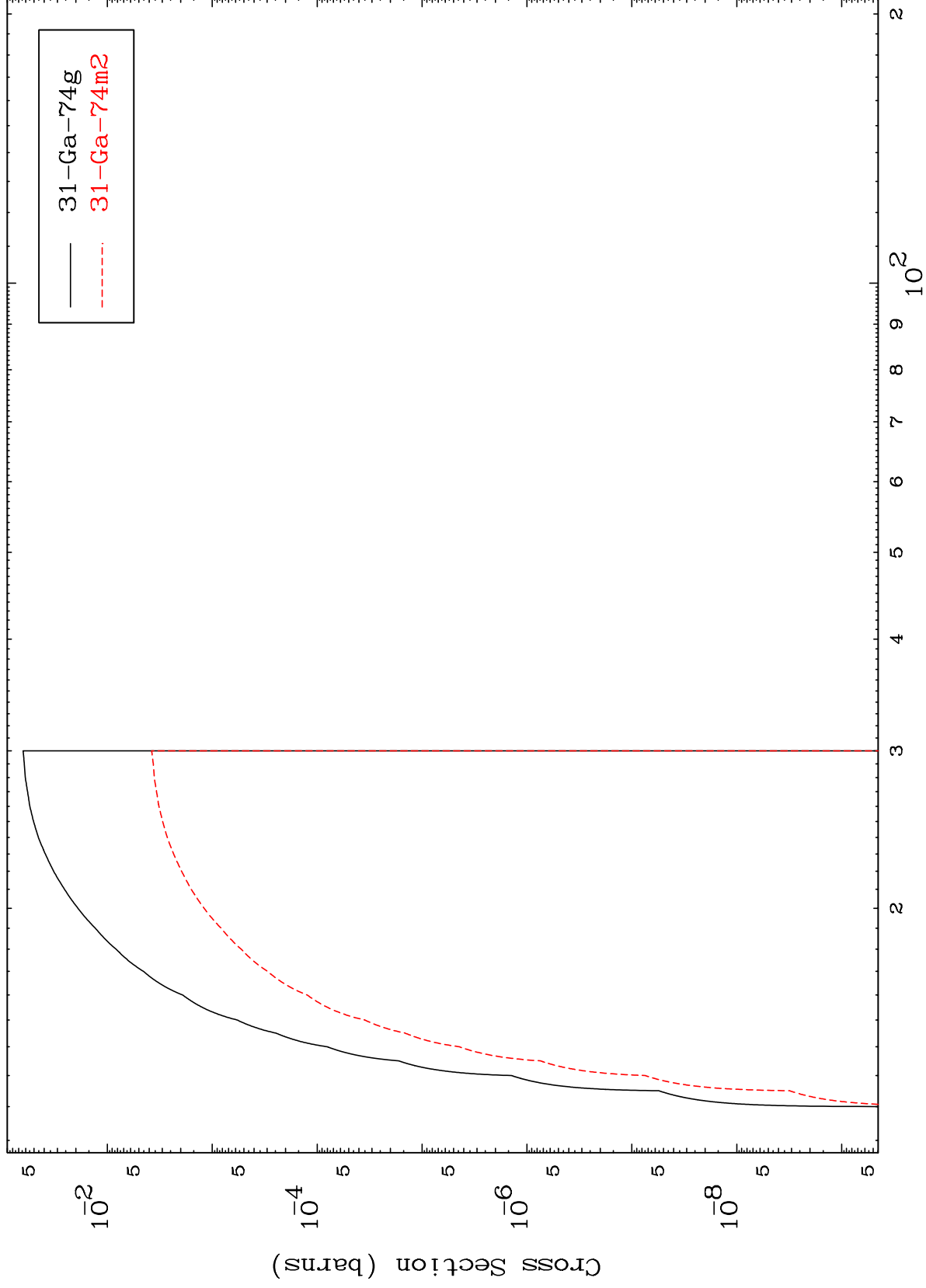


22

Incident Energy (MeV)

³²Ge-75

Radionuclide Production Cross Section



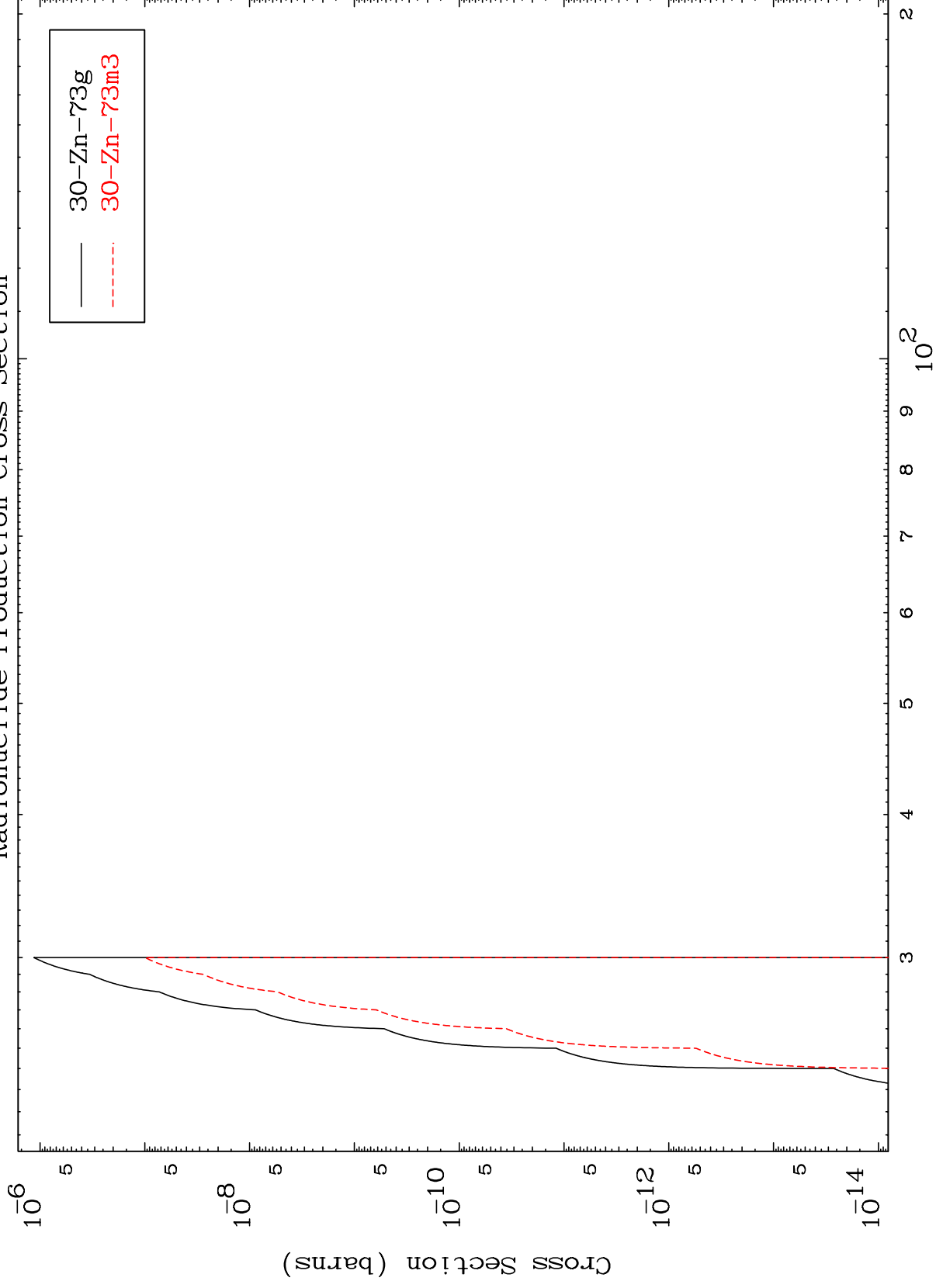
31-Ga-74g
31-Ga-74m2

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(n,2n) p

³²Ge-75

Radionuclide Production Cross Section



24

Incident Energy (MeV)

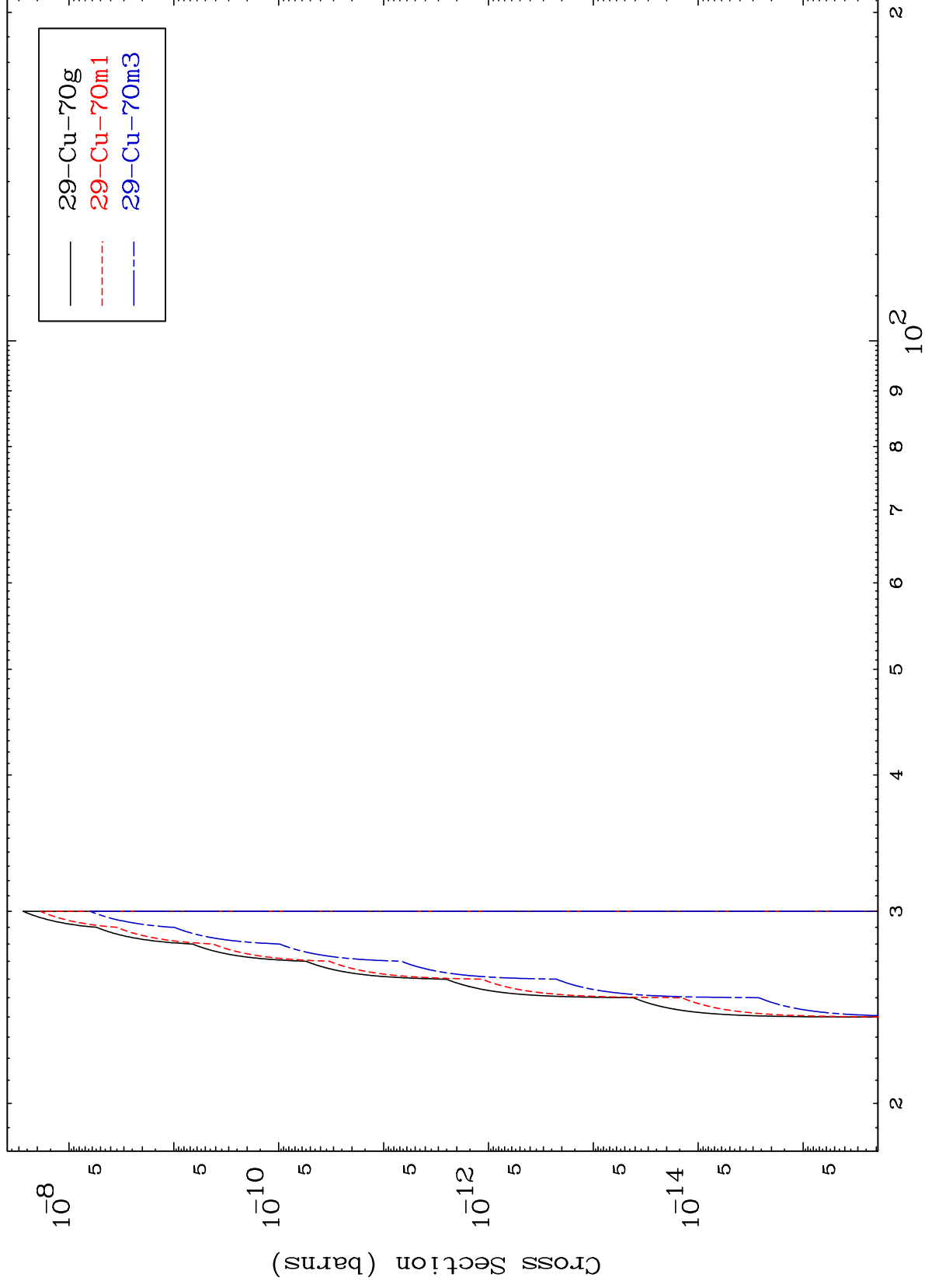
³²Ge-75

MAT 3241

(n,n') p α

32-Ge-75

Radionuclide Production Cross Section



25

Incident Energy (MeV)

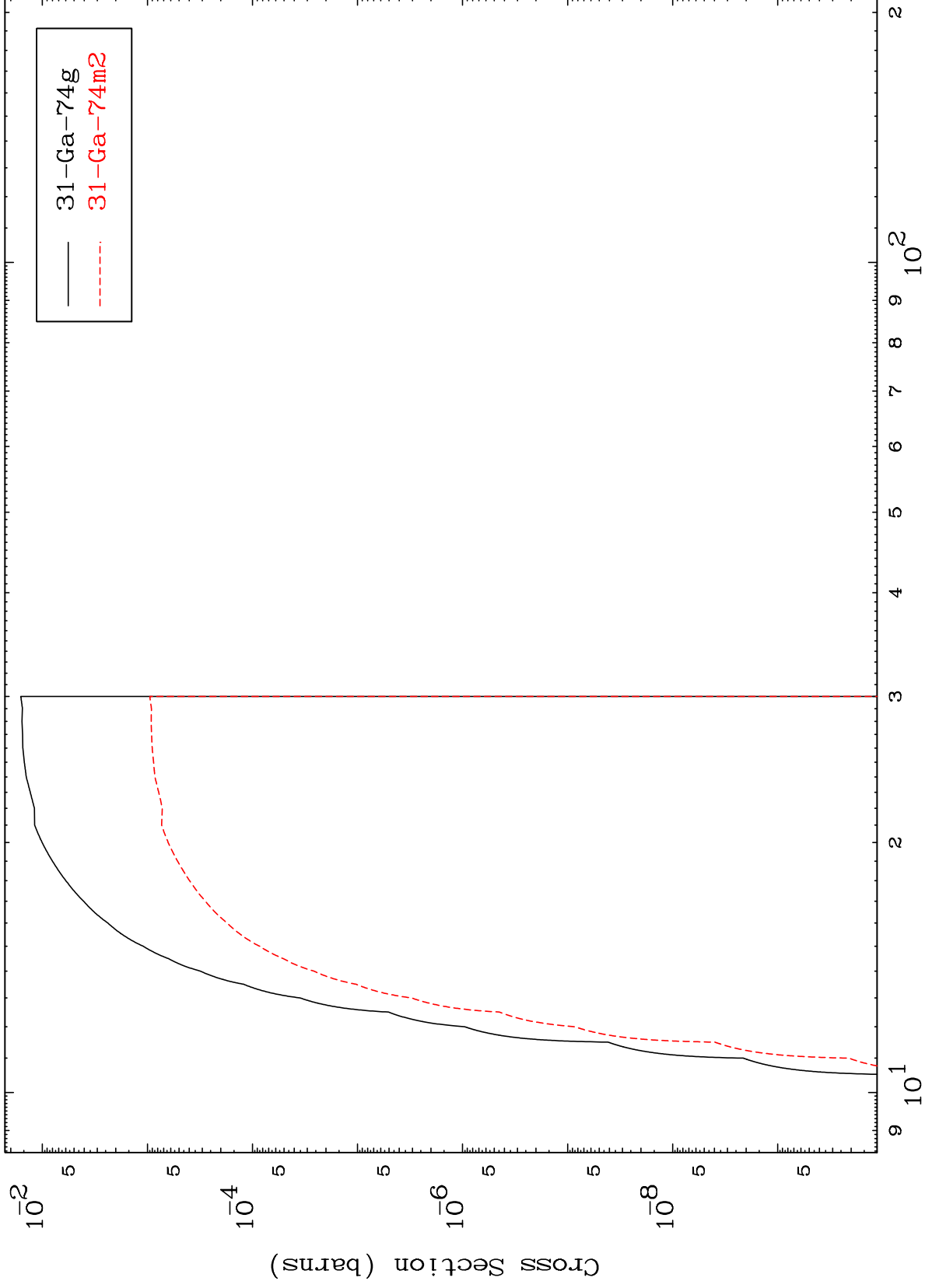
32-Ge-75

MAT 3241

(n,d)

³²Ge-⁷⁵

Radionuclide Production Cross Section



26

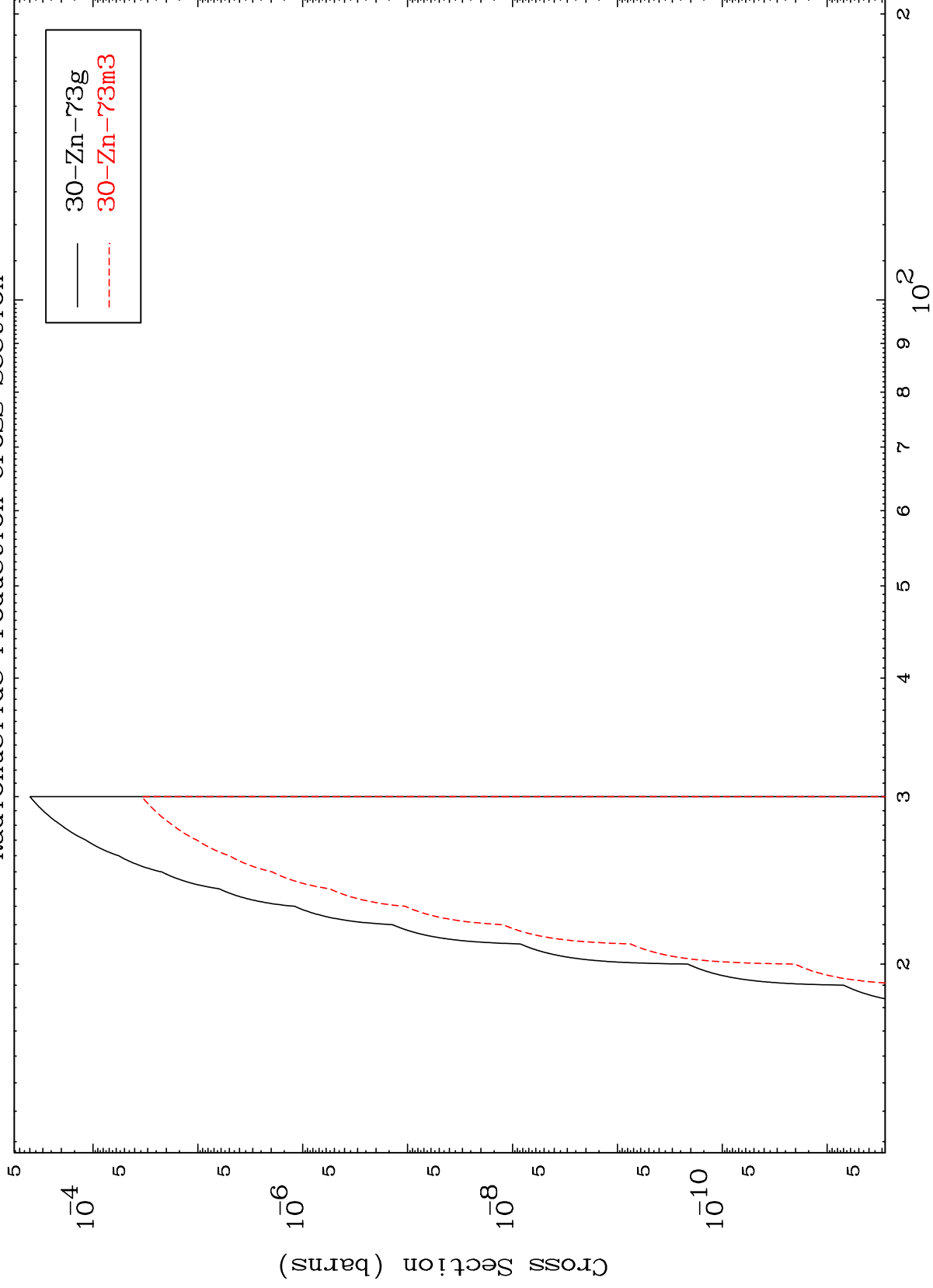
Incident Energy (MeV)

³²Ge-⁷⁵

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32-Ge-75

(n,He-3)
Radionuclide Production Cross Section



27

32-Ge-75

Incident Energy (MeV)

Radionuclide Production Cross Section

