

Program EVALPLOT
(Version 2018-1)

by

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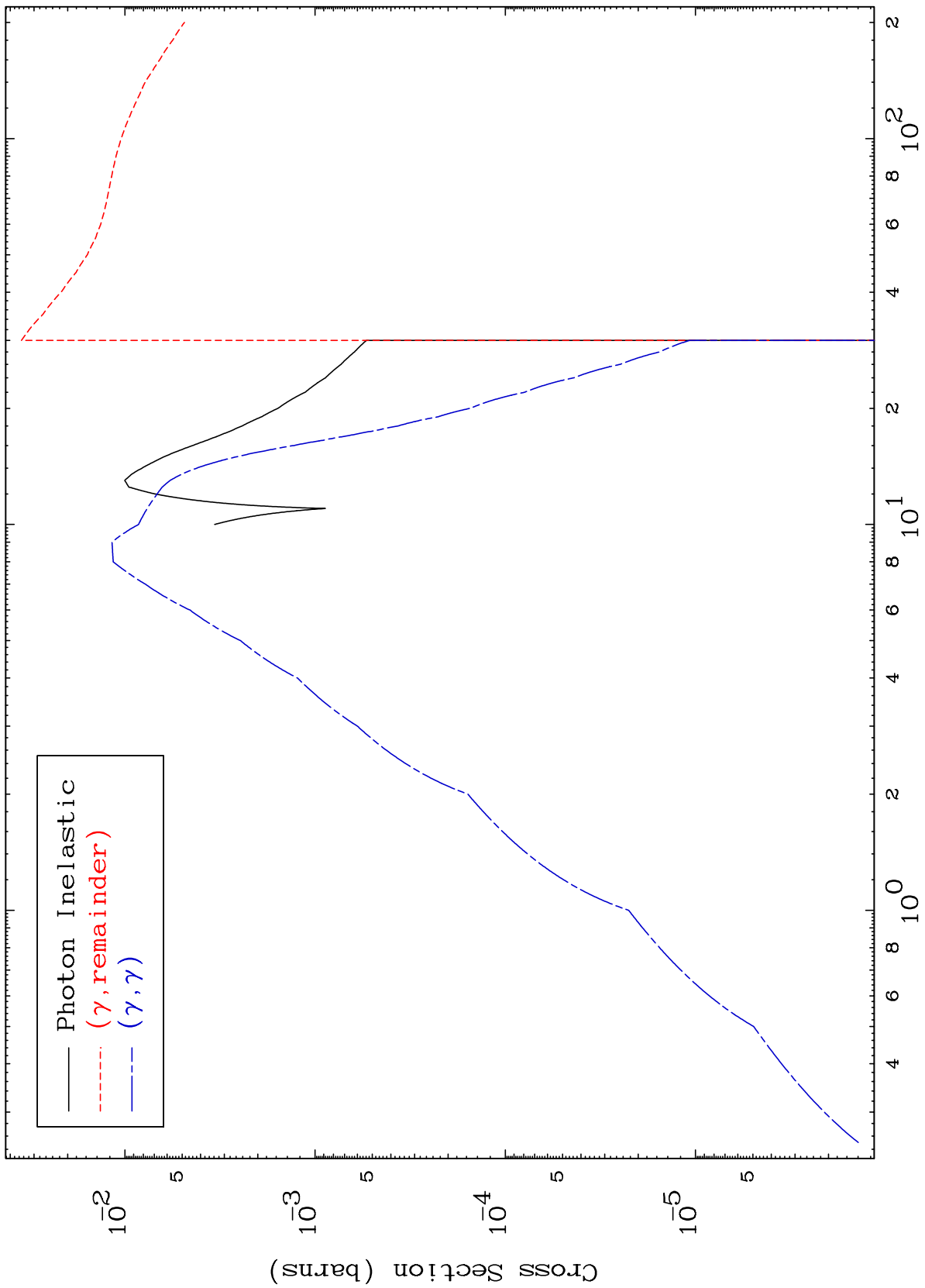
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7266

Photon Major
0 Kelvin Cross Sections

73-Ta-160



Photon Inelastic
(γ, remainder)
(γ, γ)

1

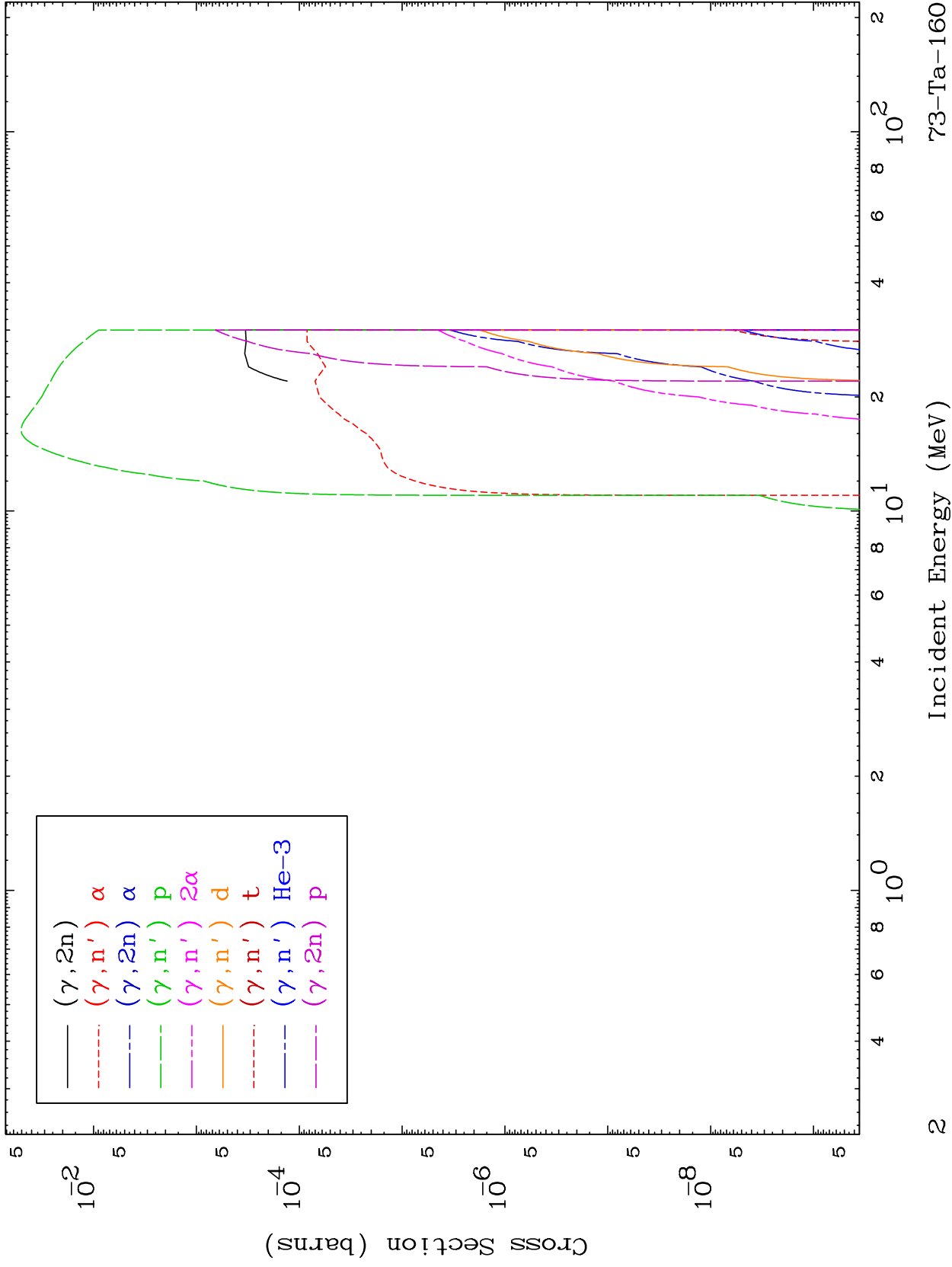
Incident Energy (MeV)

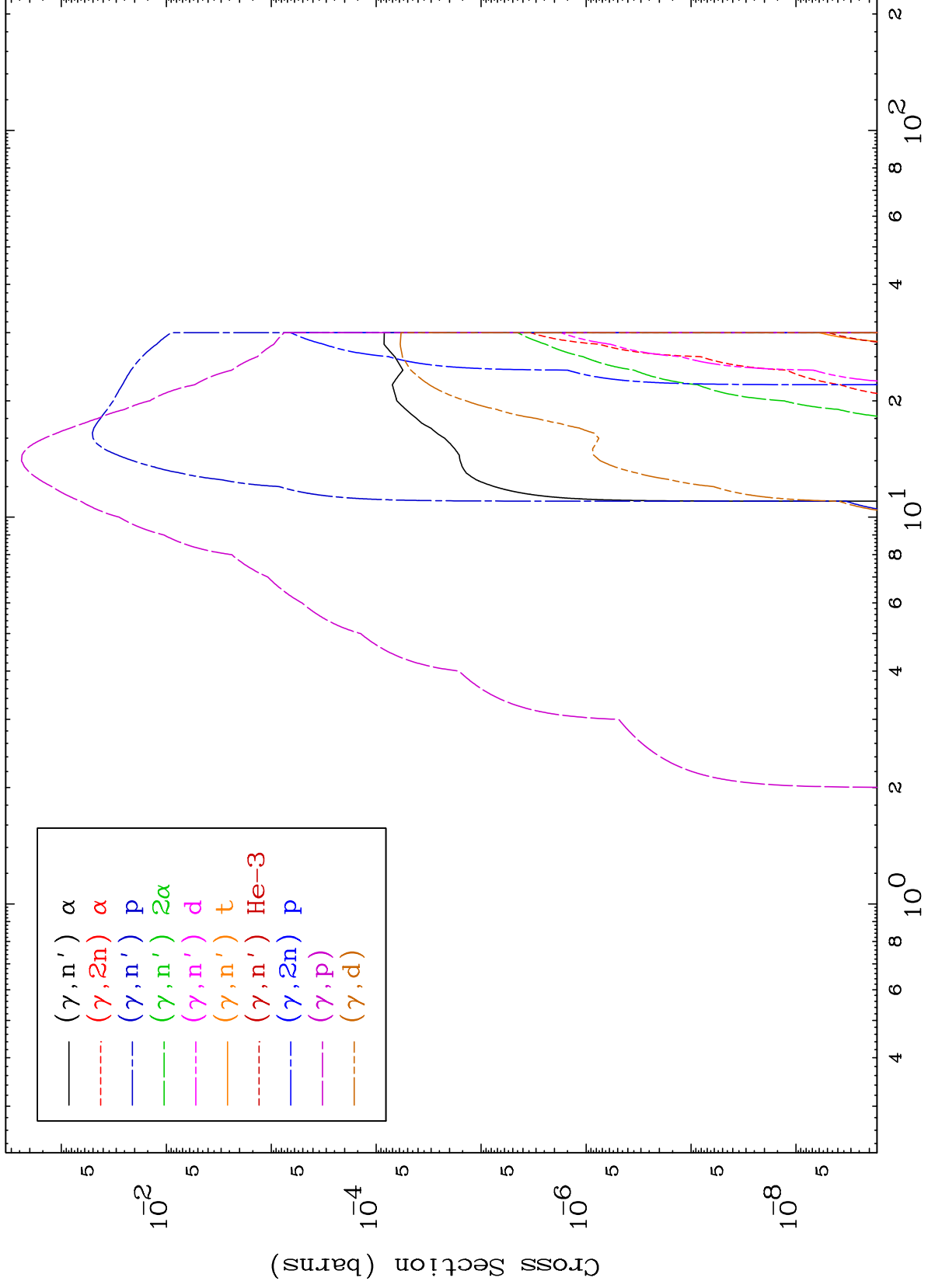
73-Ta-160

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Photon Neutron Production
0 Kelvin Cross Sections

73-Ta-160

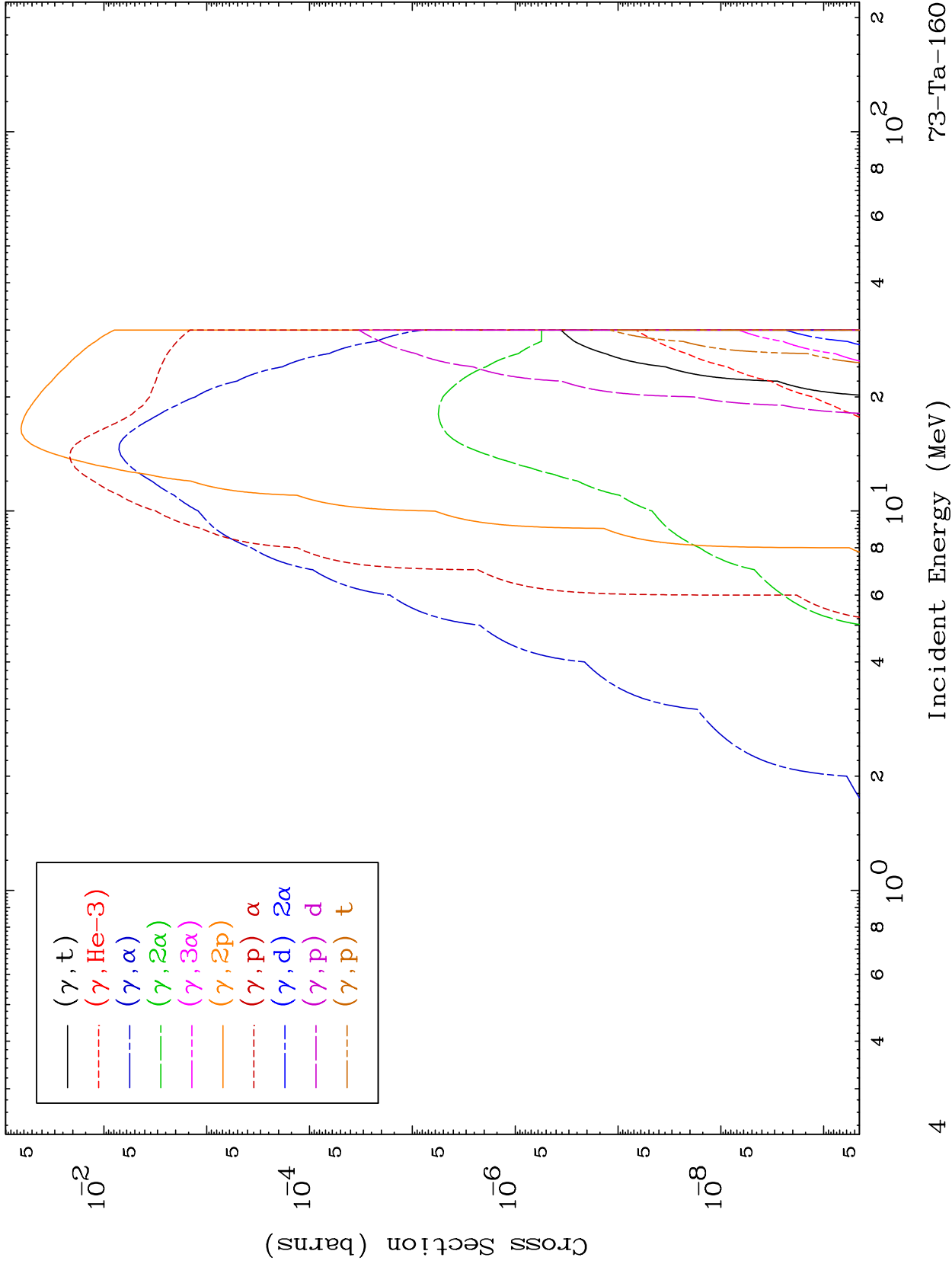




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Photon Charged Particle
0 Kelvin Cross Sections

73-Ta-160

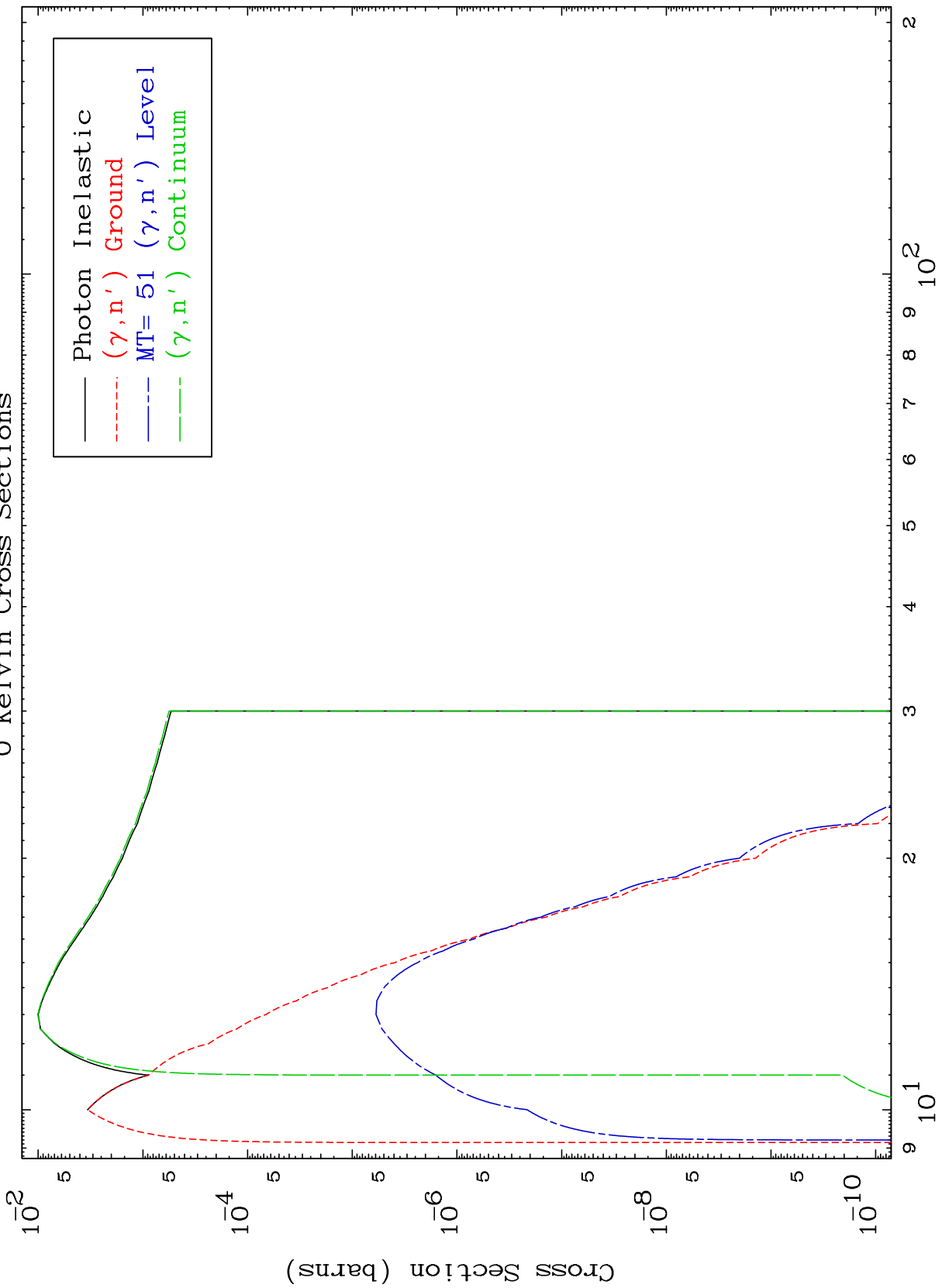


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(γ, n') Level

73-Ta-160

0 Kelvin Cross Sections



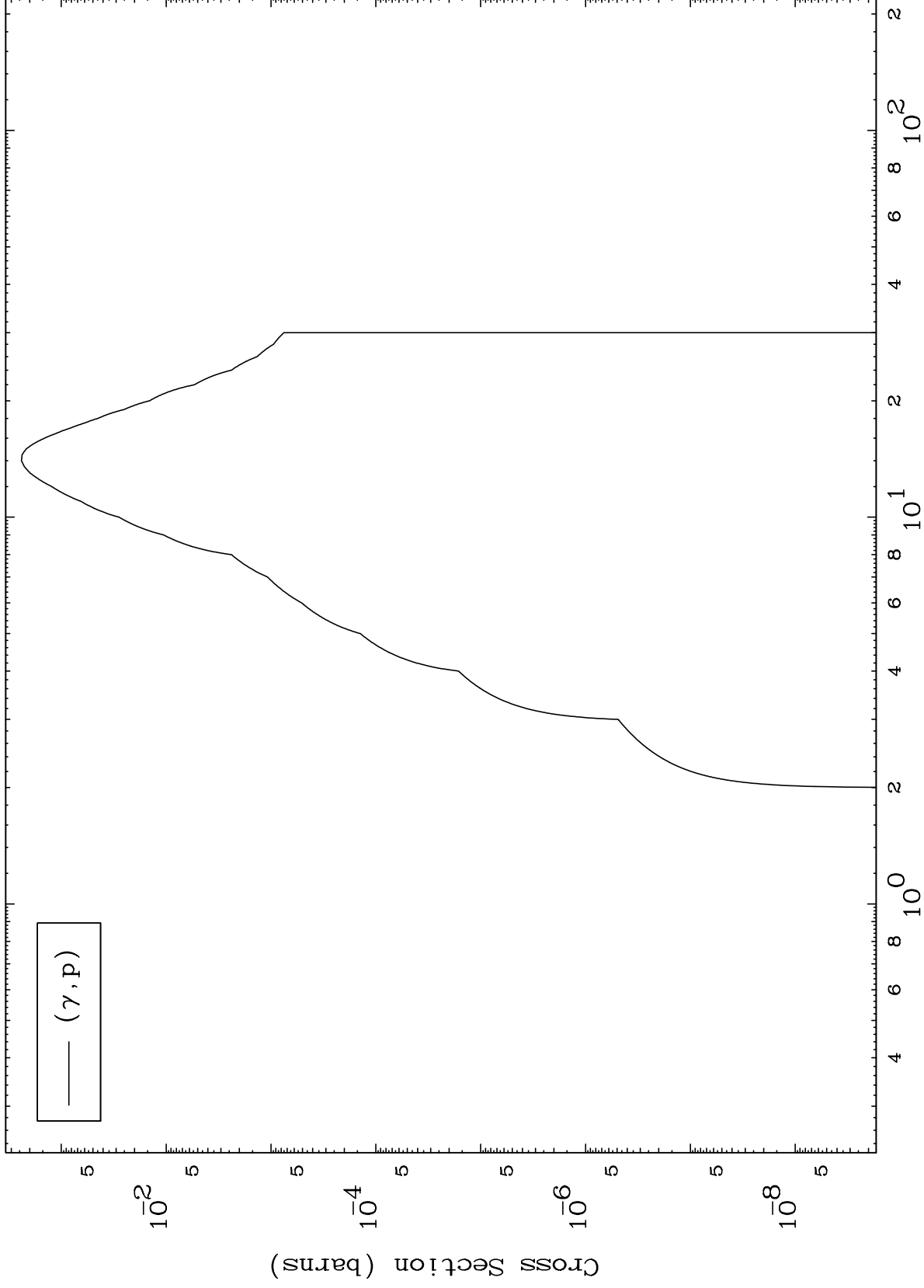
Incident Energy (MeV)

73-Ta-160

MAT 7266

(γ, p) Levels
0 Kelvin Cross Sections

73-Ta-160



(γ, p)

6

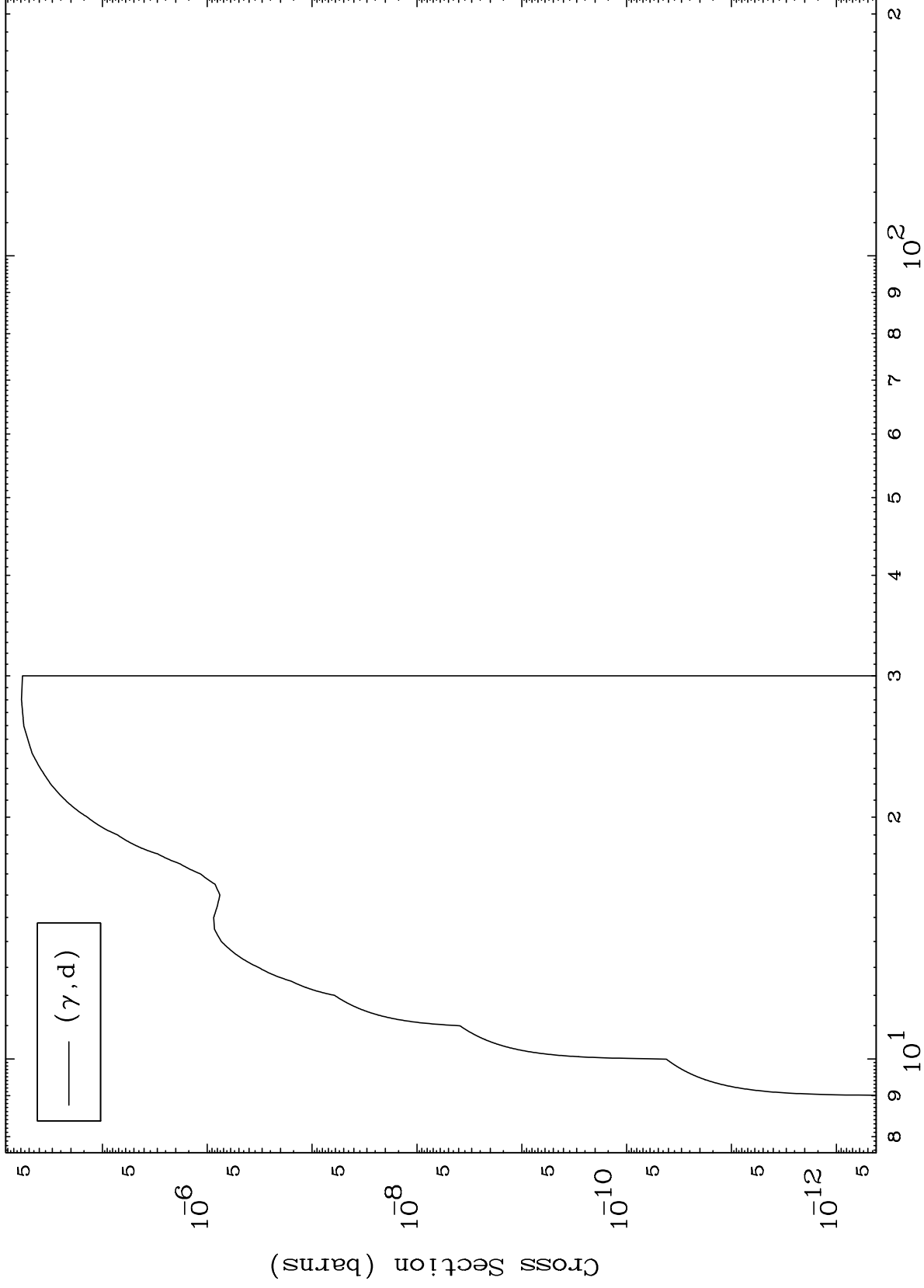
Incident Energy (MeV)

73-Ta-160

MAT 7266

(γ, d) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-160}$



Incident Energy (MeV)

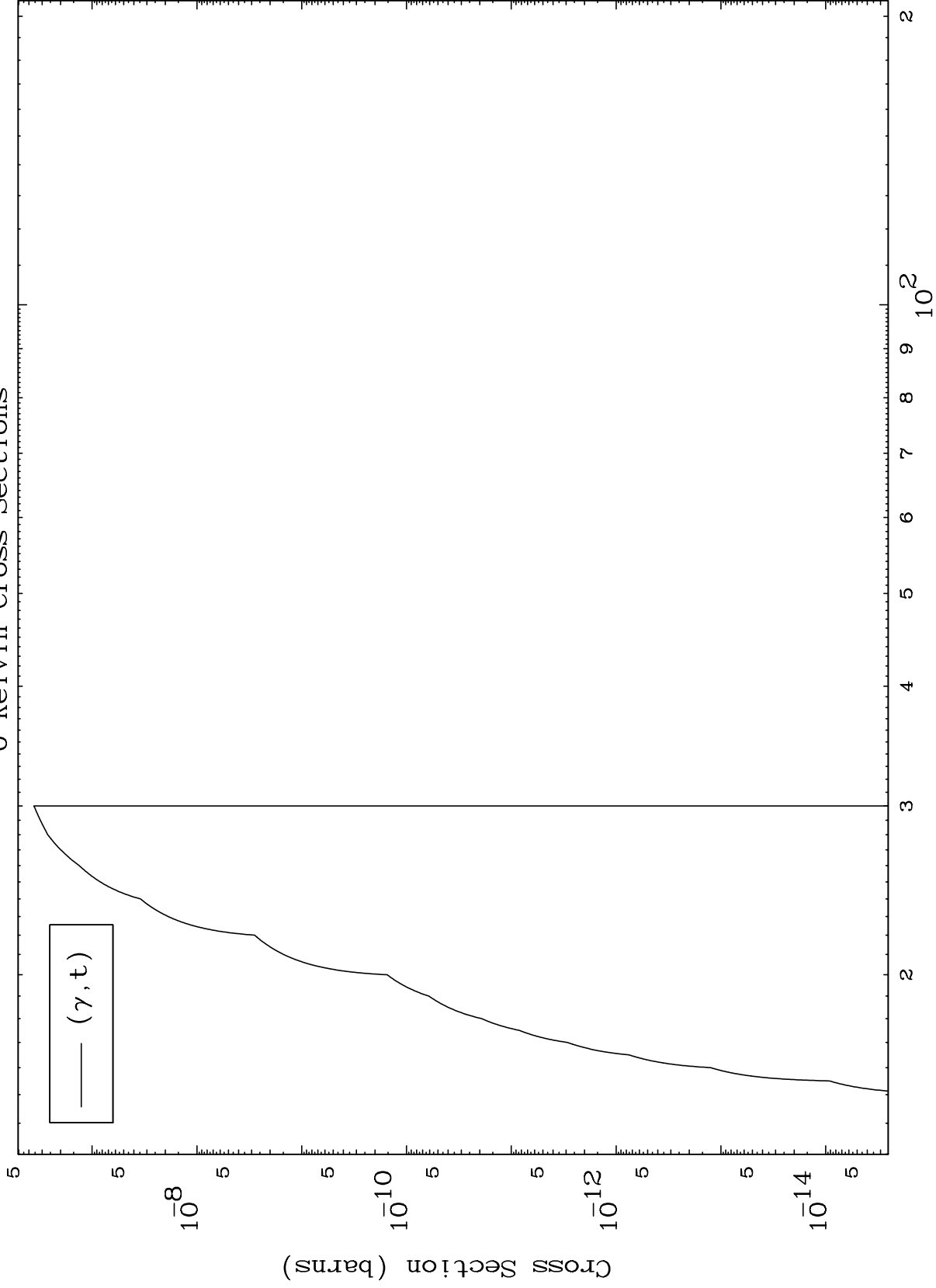
$^{73}\text{Ta-160}$

7

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(γ, t) Levels
0 Kelvin Cross Sections

73-Ta-160



8

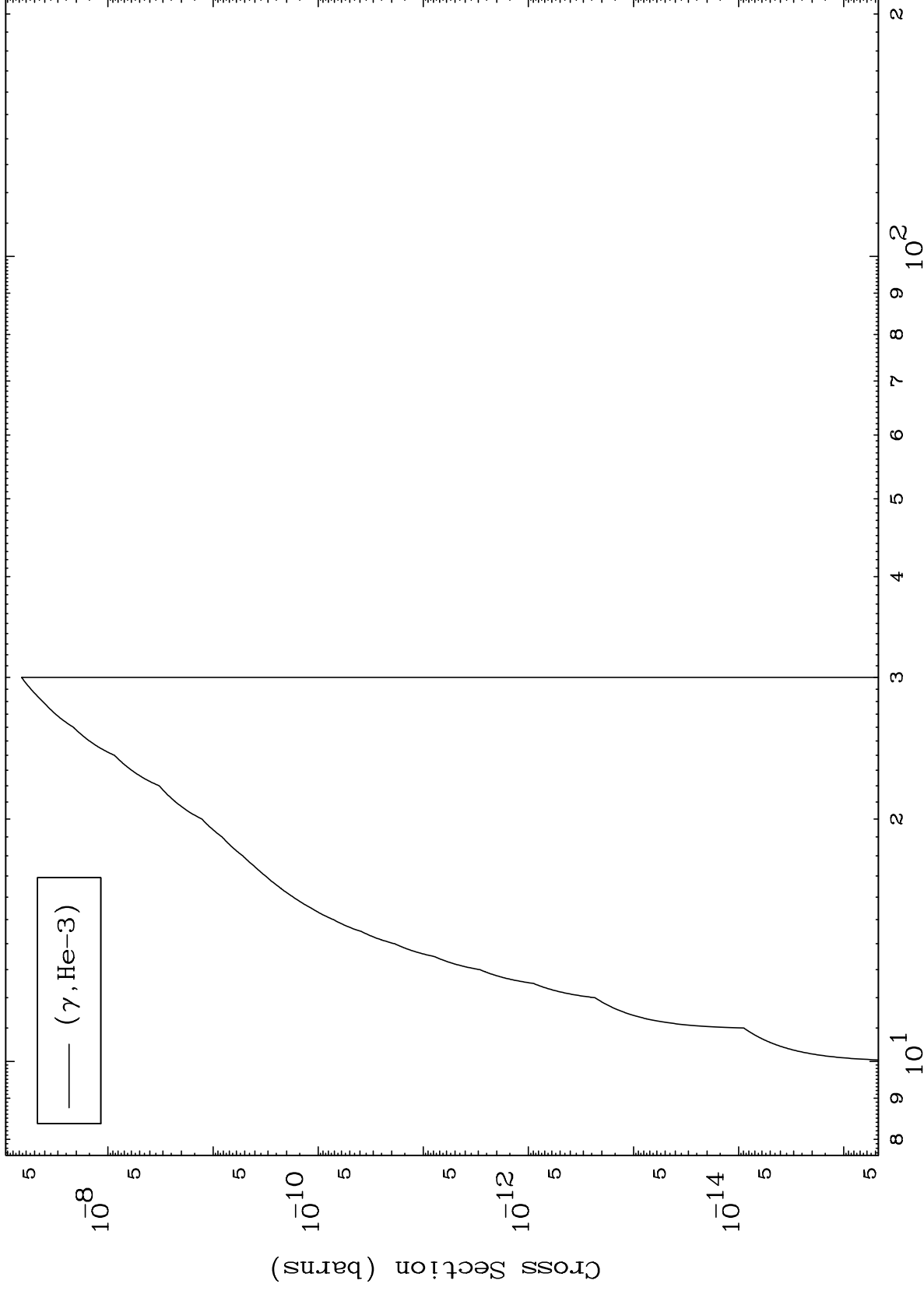
Incident Energy (MeV)

73-Ta-160

MAT 7266

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-160}$



9

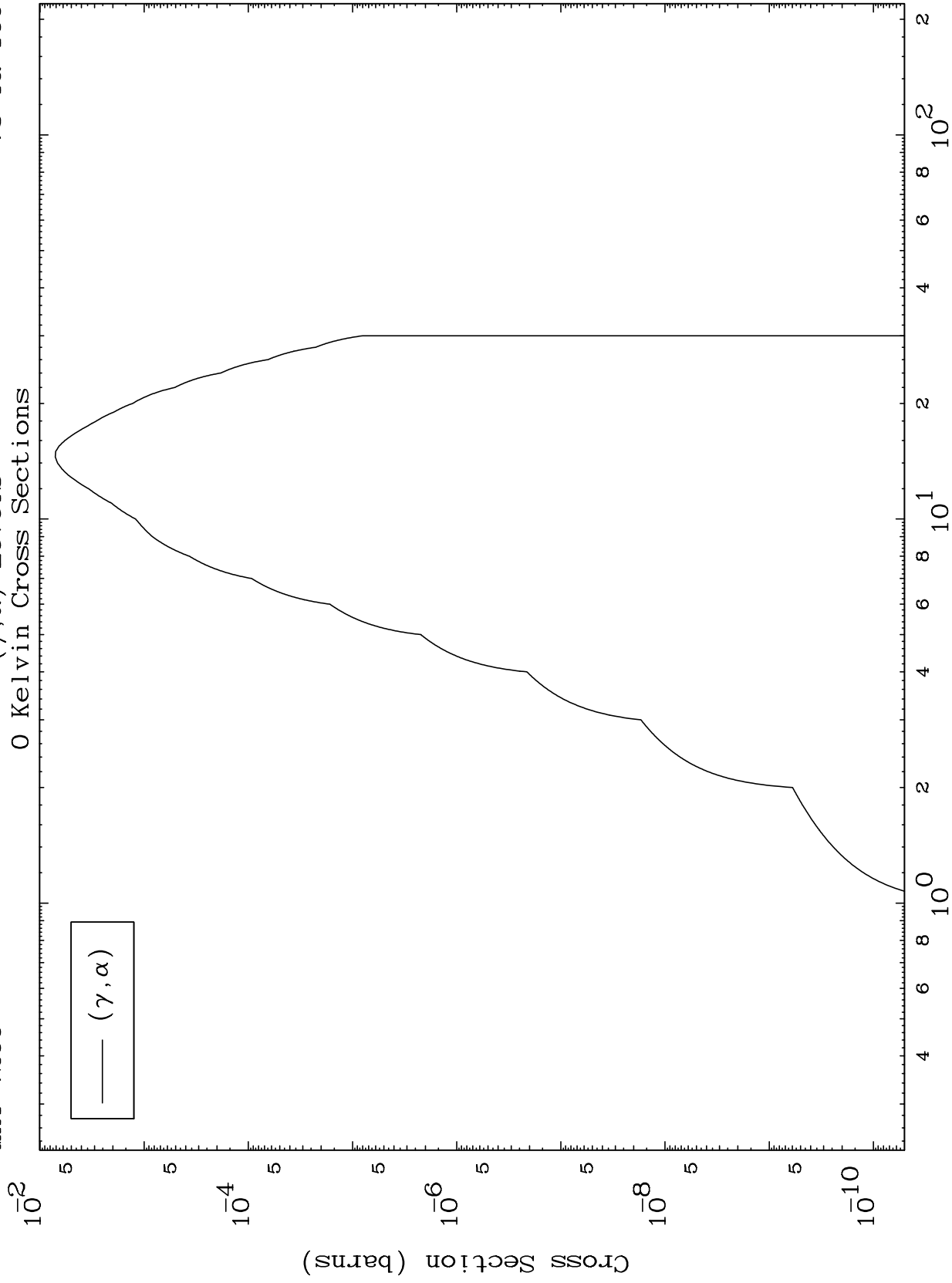
Incident Energy (MeV)

$^{73}\text{Ta-160}$

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(γ, α) Levels
0 Kelvin Cross Sections

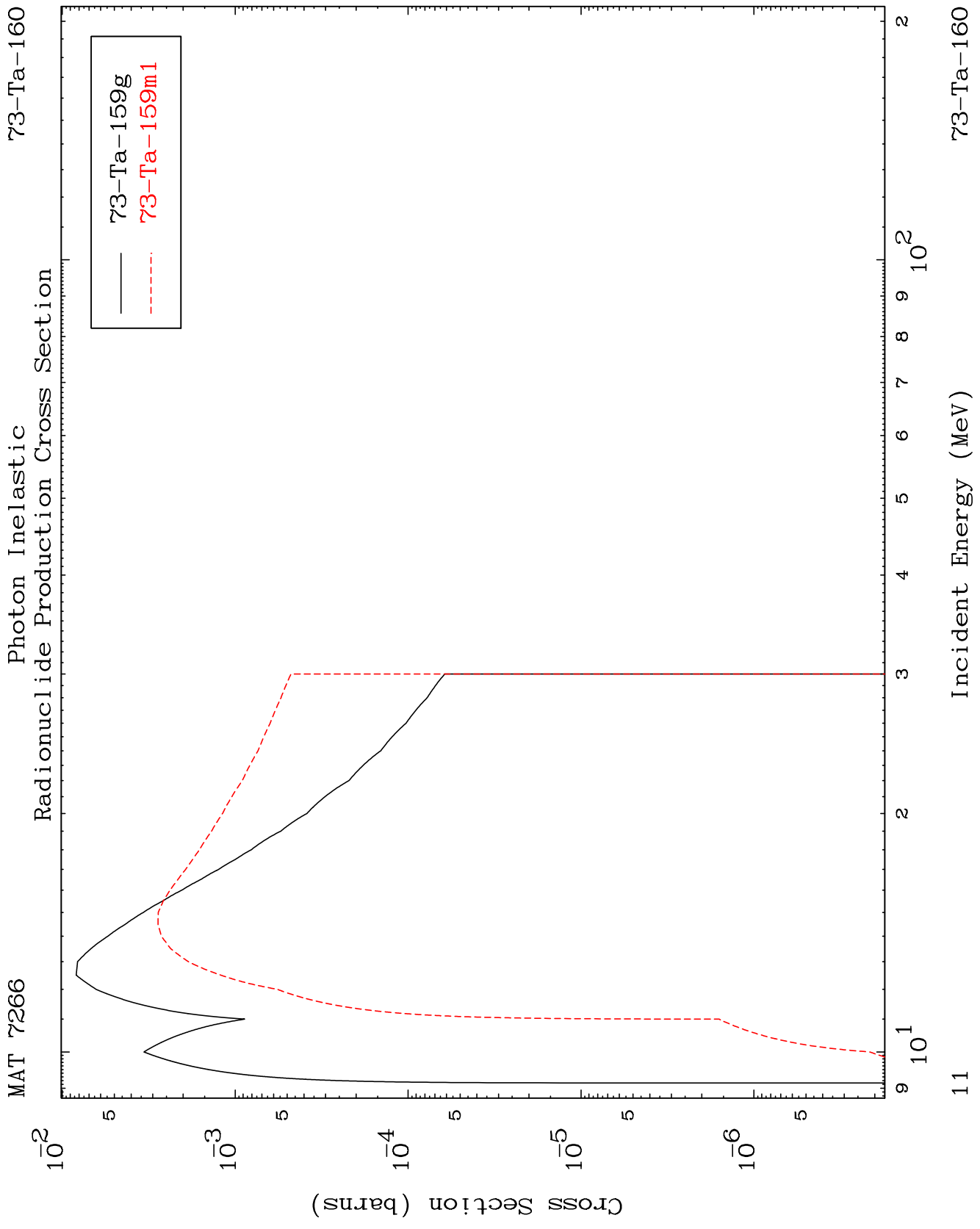
73-Ta-160

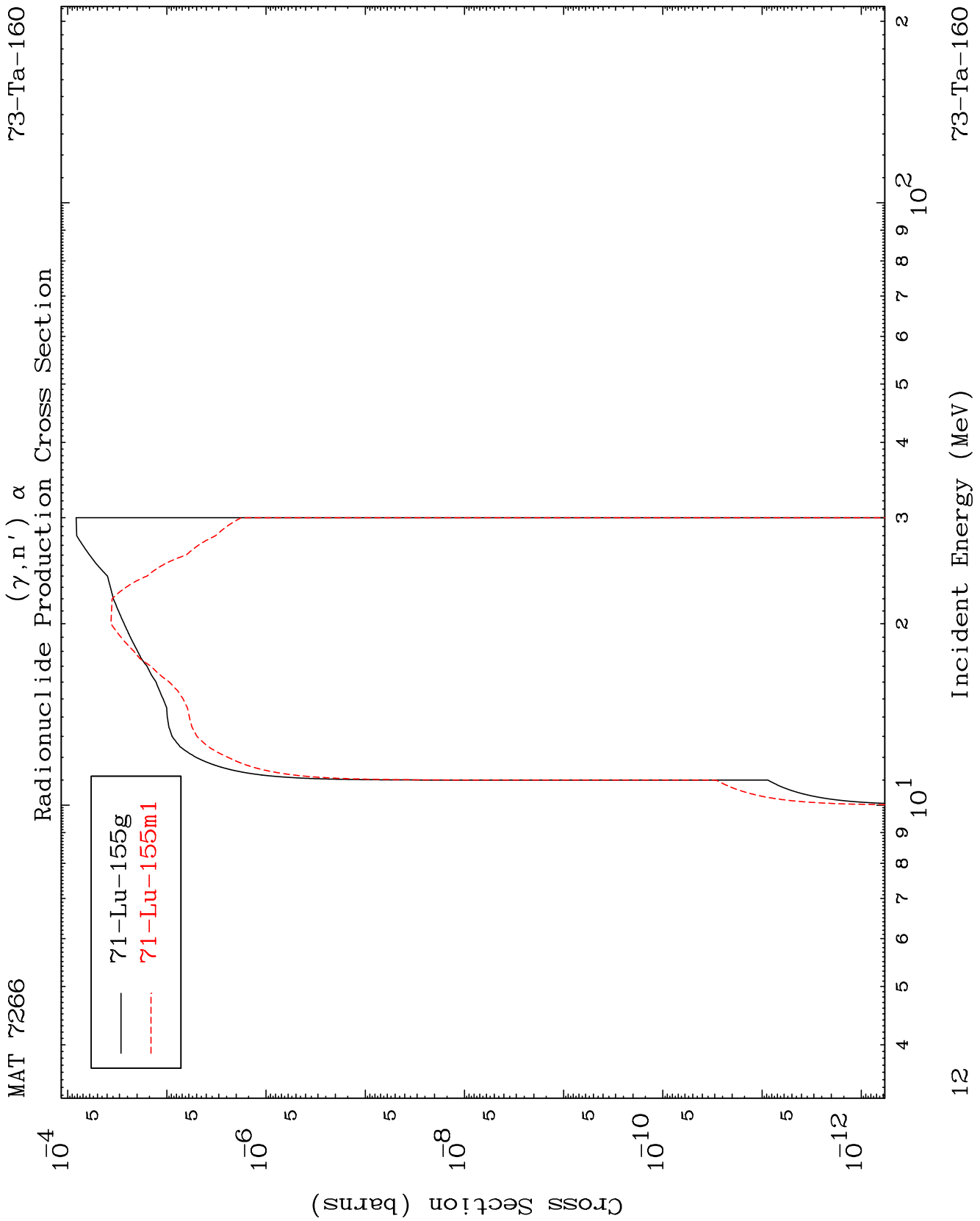


10

Incident Energy (MeV)

73-Ta-160



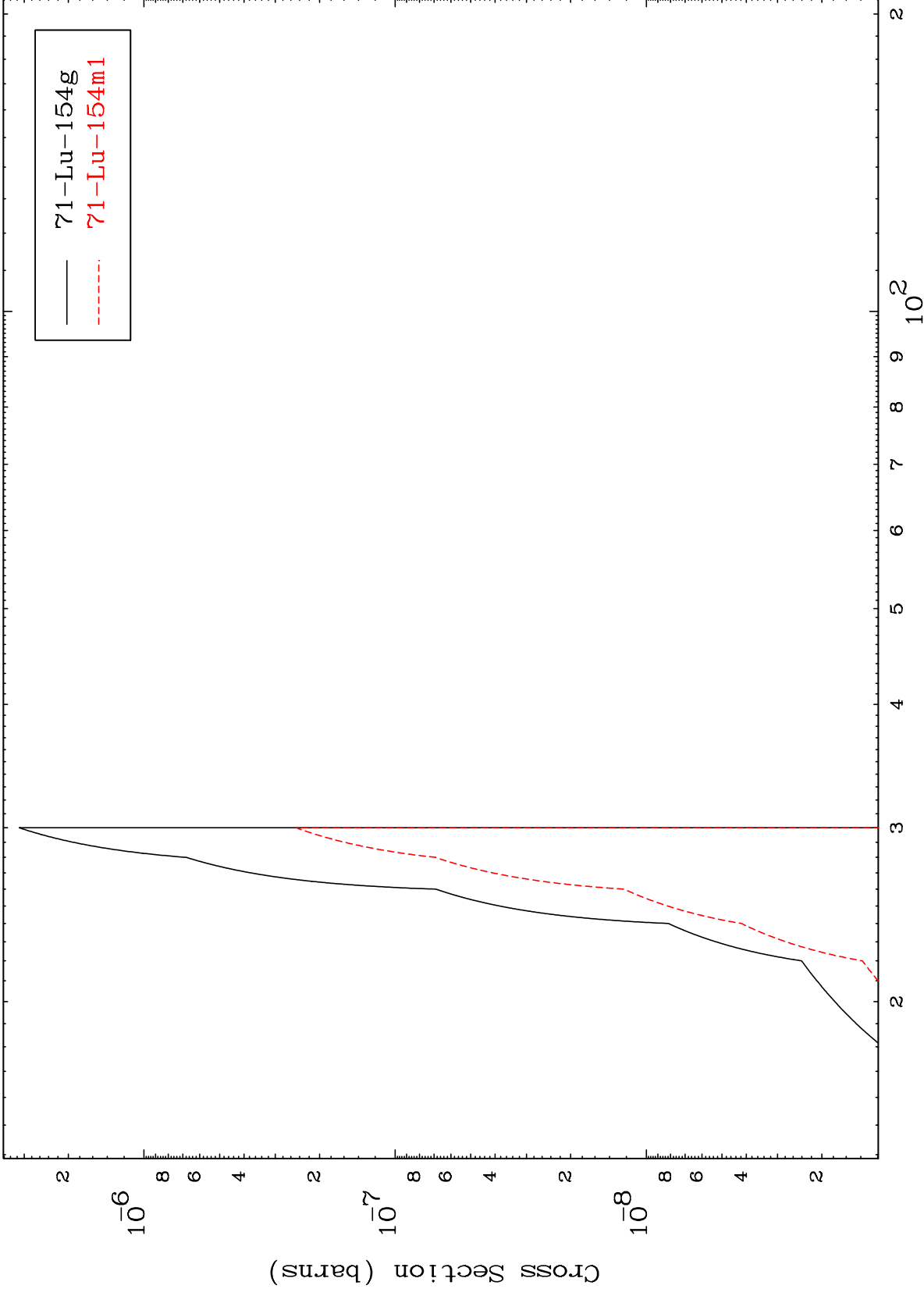


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$(\gamma, 2n) \alpha$

⁷³Ta-160

Radionuclide Production Cross Section



71-Lu-154g
71-Lu-154m1

13

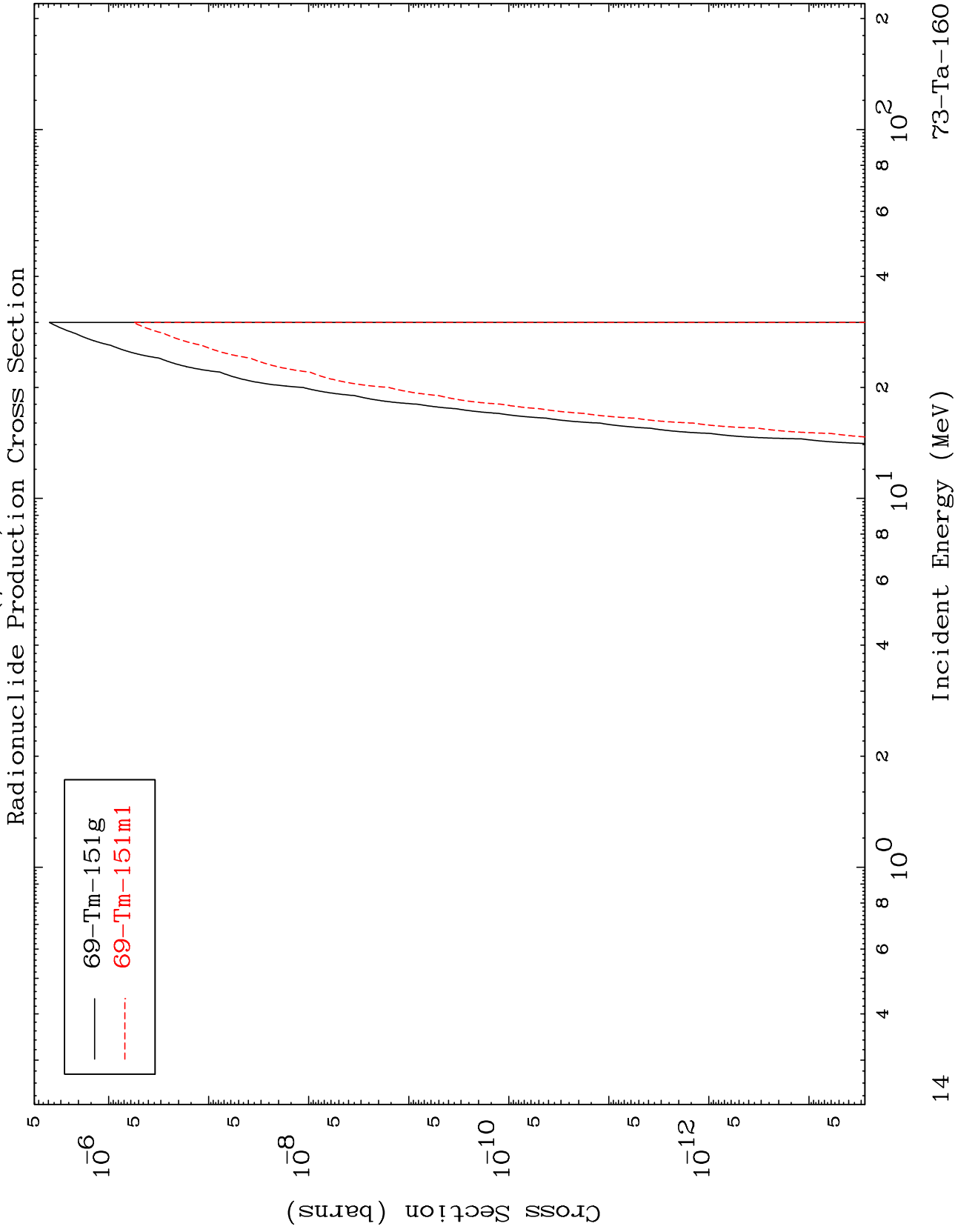
Incident Energy (MeV)

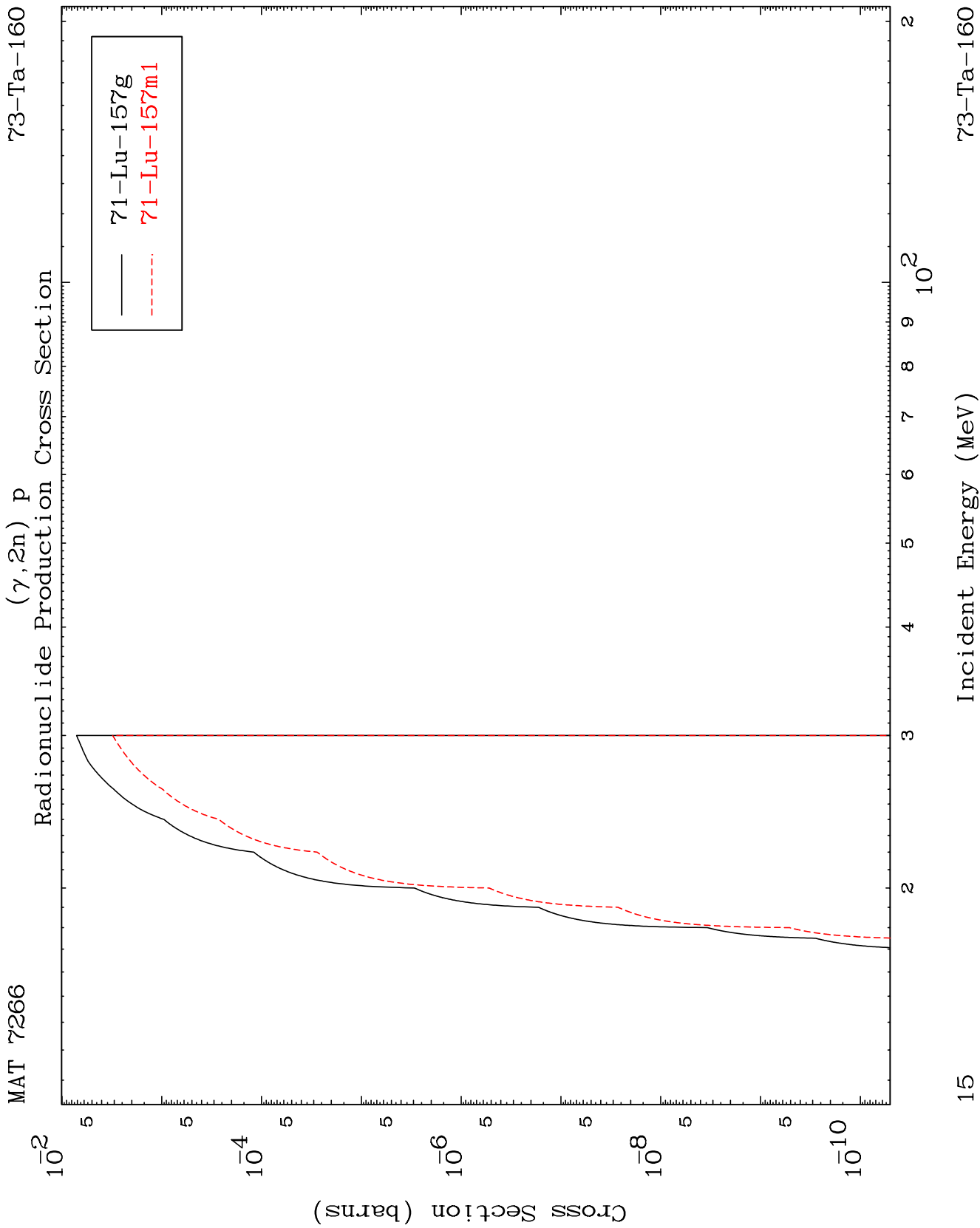
⁷³Ta-160

MAT 7266

(γ, n') 2α

$^{73}\text{Ta-160}$



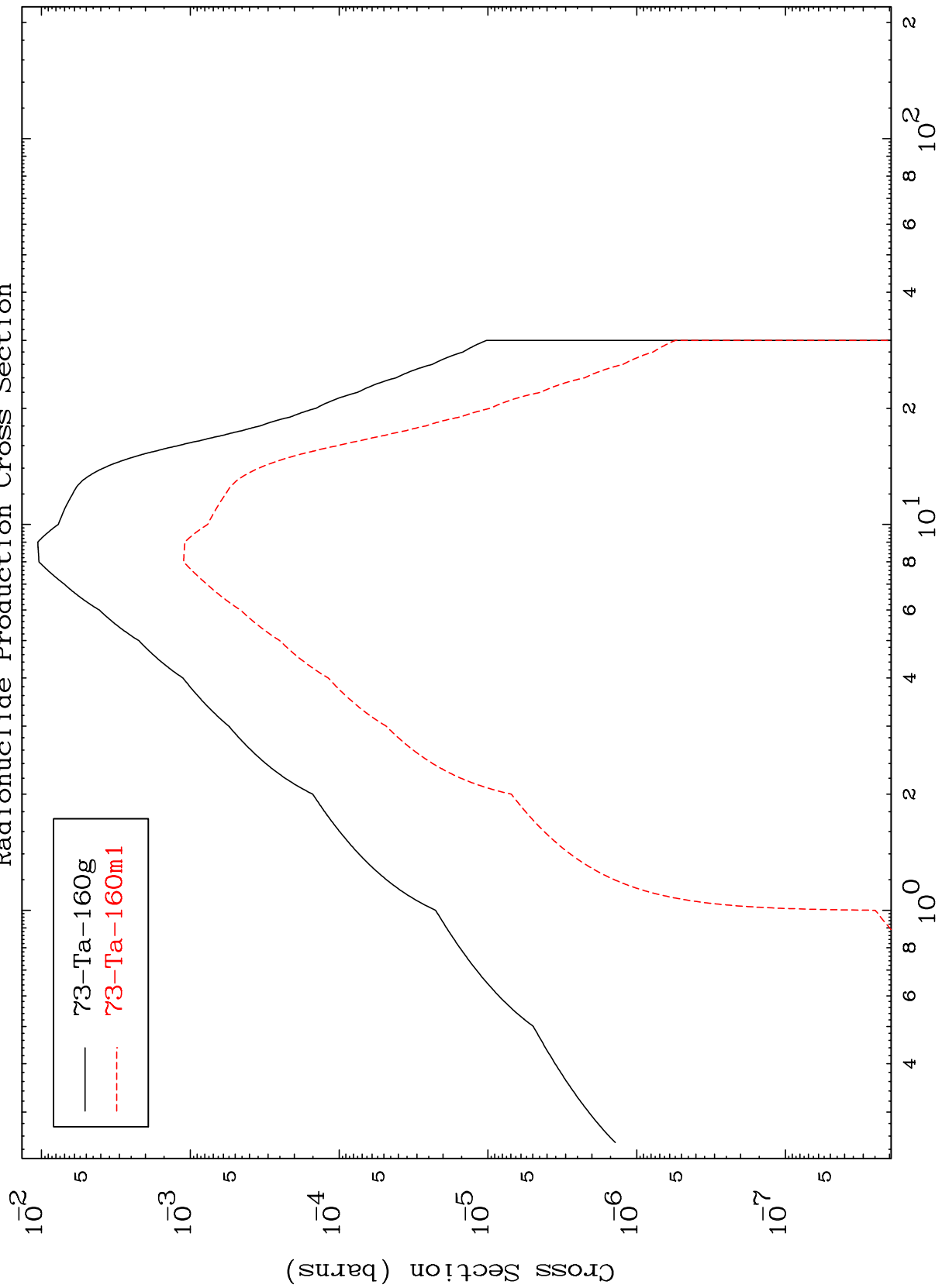


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$^{73}\text{Ta-160}$

Radionuclide Production Cross Section

(γ, γ)



Legend:
— $^{73}\text{Ta-160g}$
- - - $^{73}\text{Ta-160m1}$

16

Incident Energy (MeV)

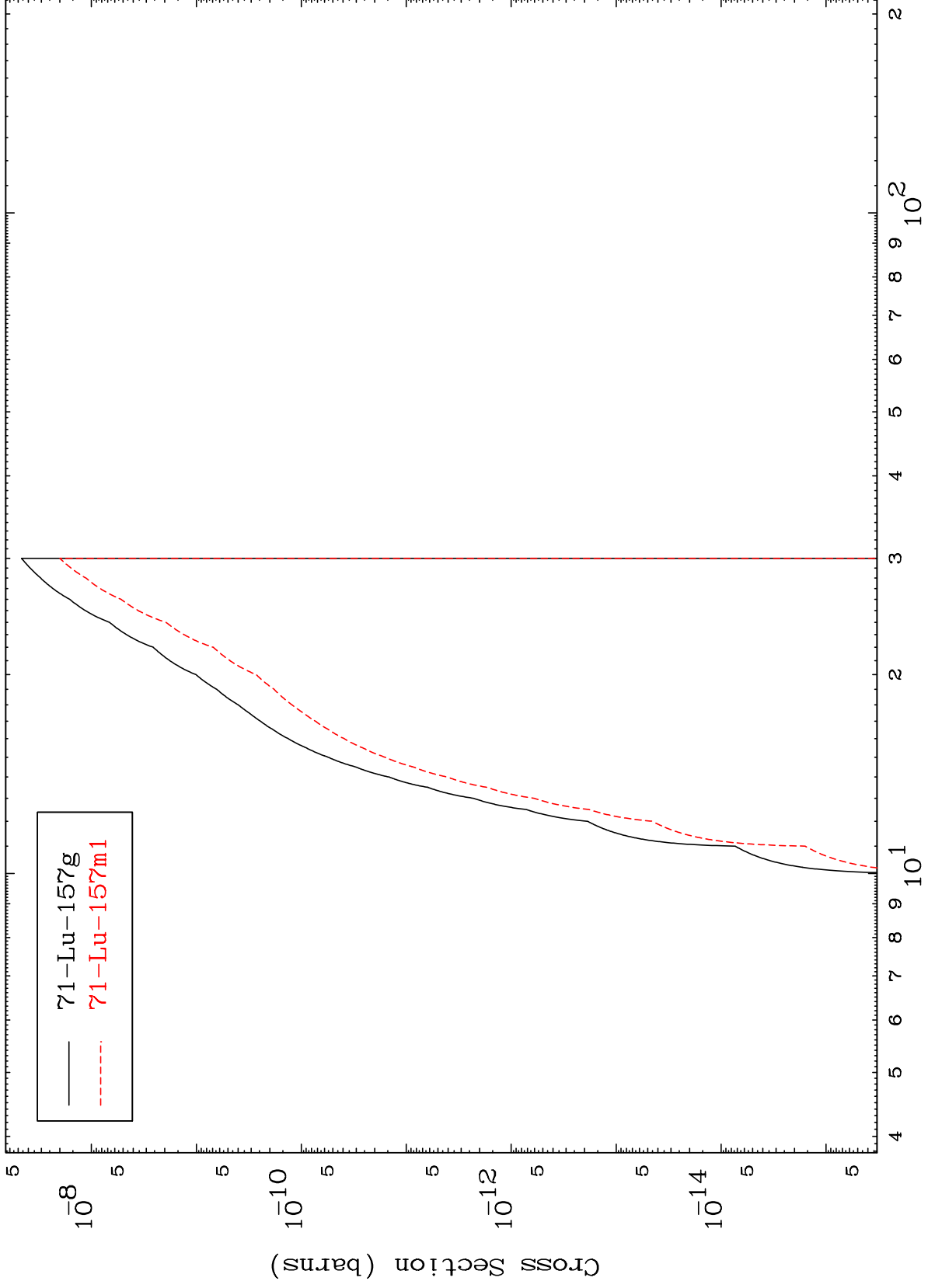
$^{73}\text{Ta-160}$

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($\gamma, \text{He-3}$)

$^{73}\text{Ta-160}$

Radionuclide Production Cross Section



17

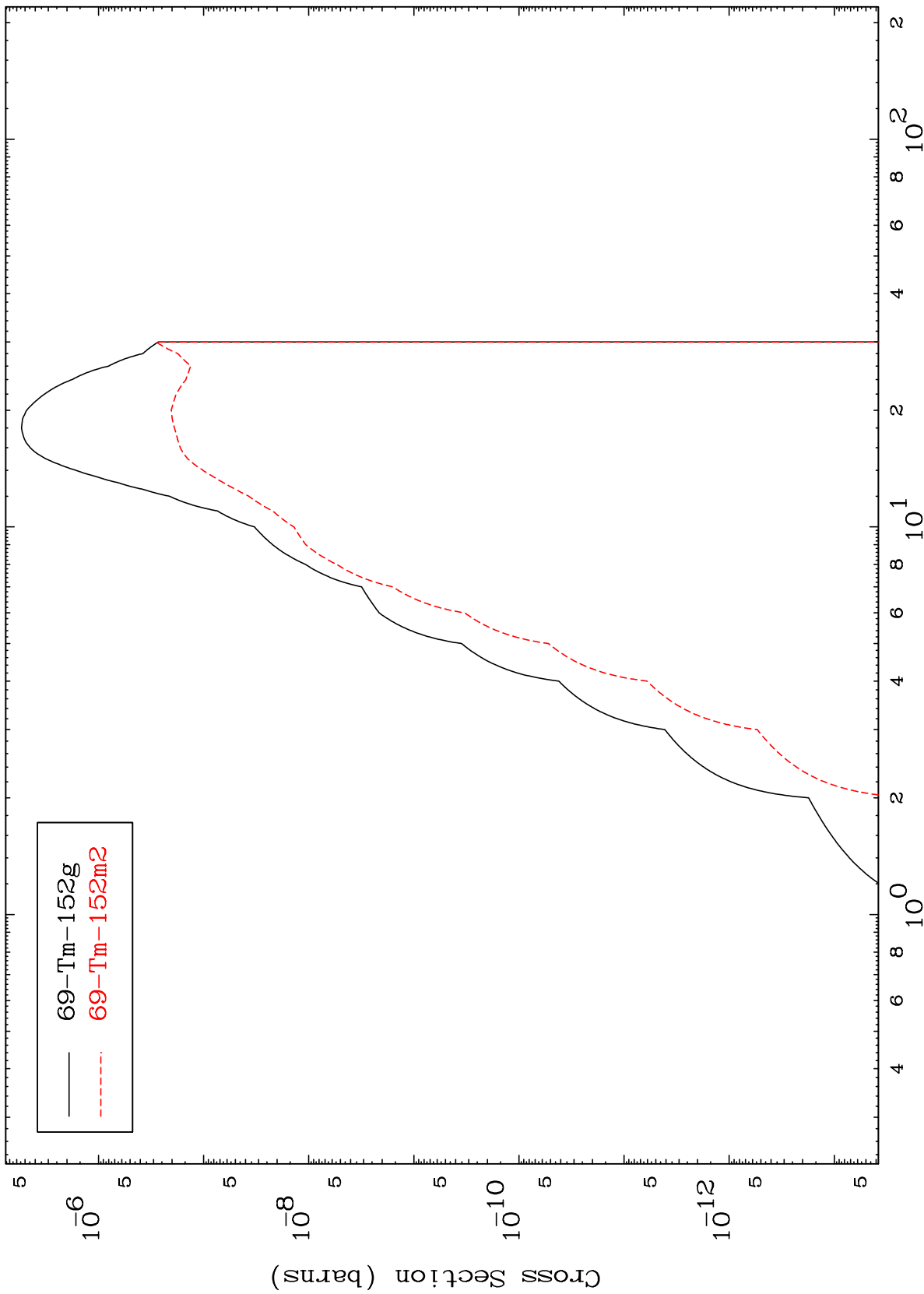
Incident Energy (MeV)

$^{73}\text{Ta-160}$

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73-Ta-160

($\gamma, 2\alpha$)
Radionuclide Production Cross Section



— 69-Tm-152g
- - - 69-Tm-152m2

73-Ta-160

Incident Energy (MeV)

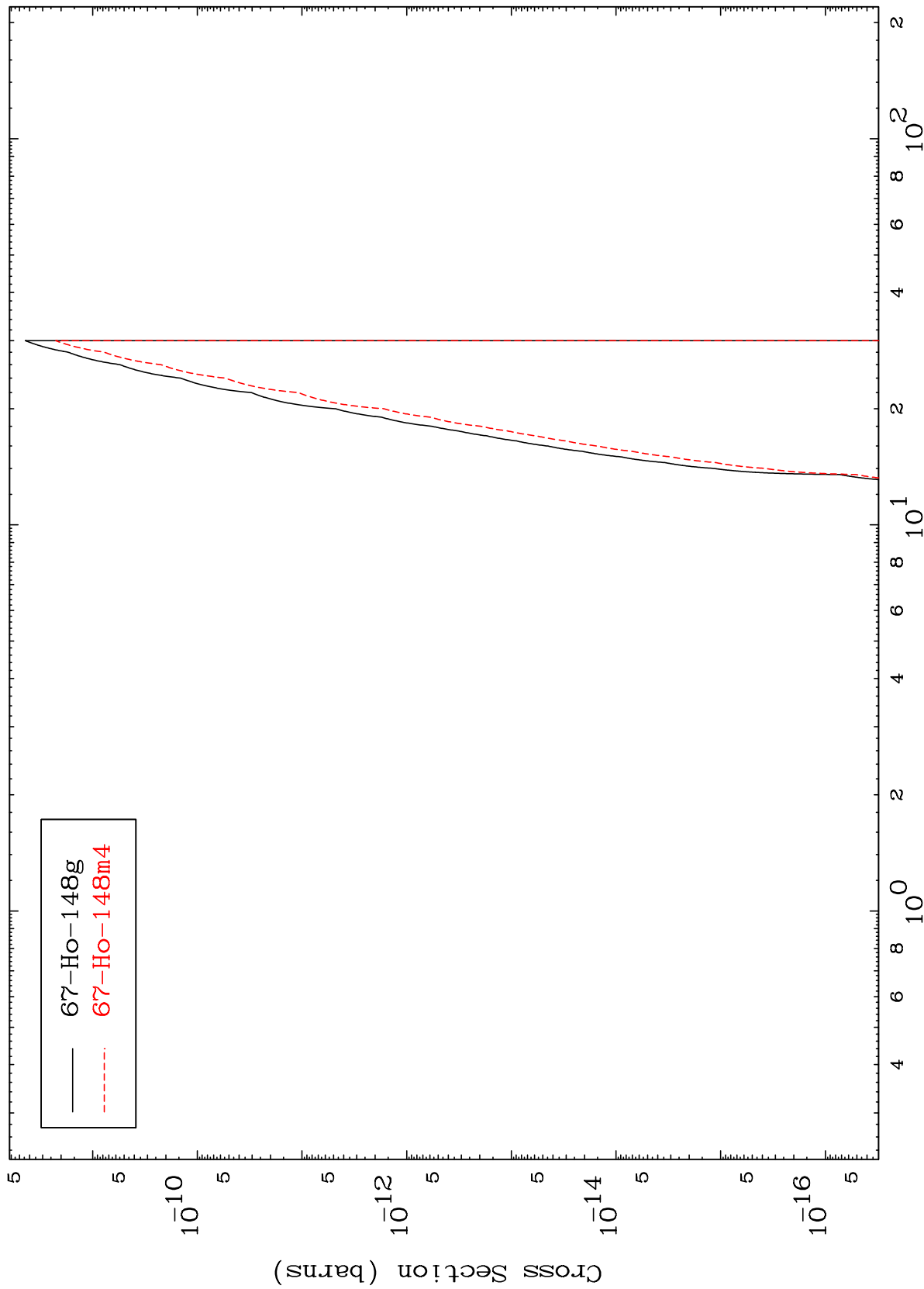
18

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⁷³Ta-160

($\gamma, 3\alpha$)

Radionuclide Production Cross Section



19

⁷³Ta-160

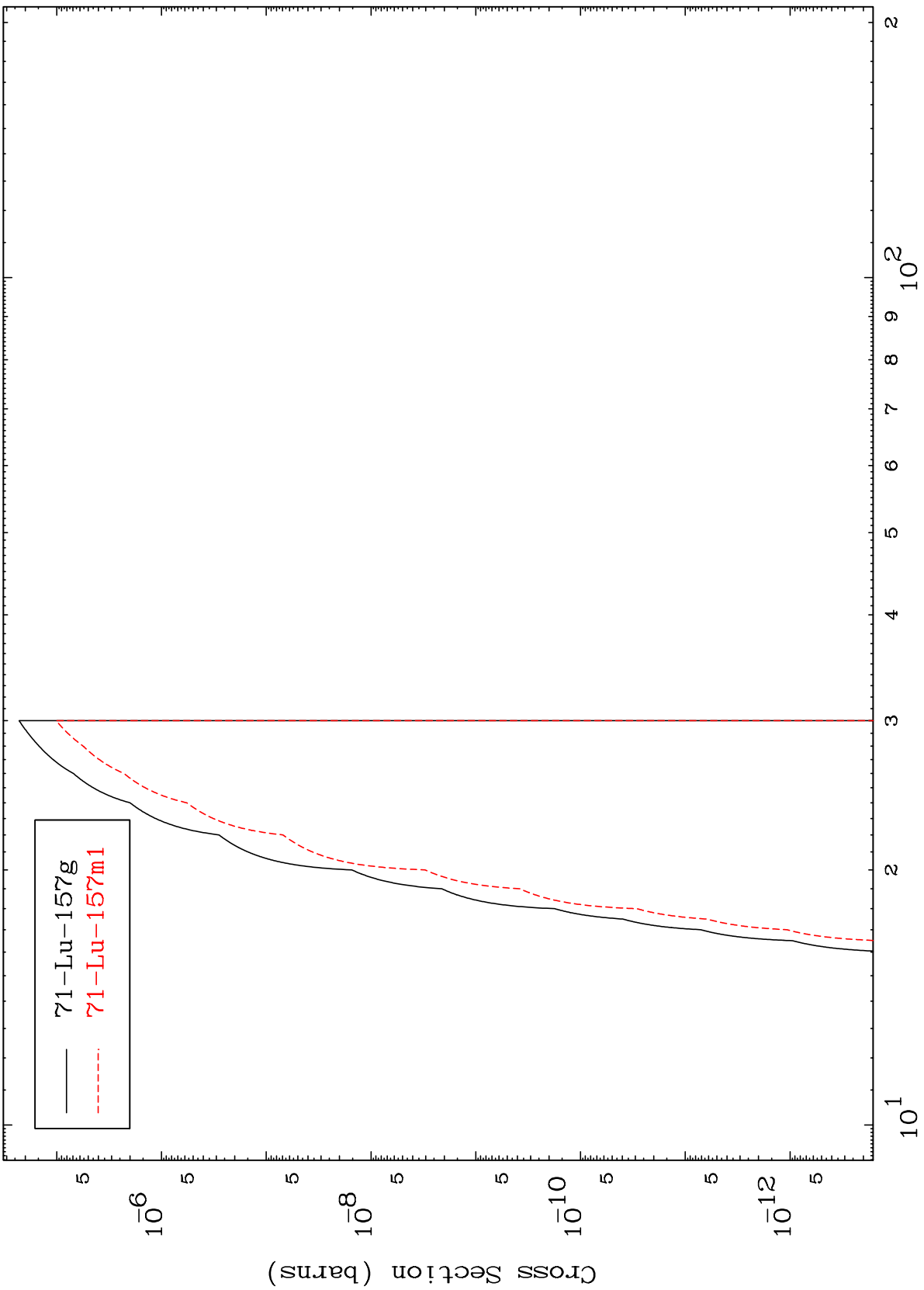
Incident Energy (MeV)

MAT 7266

(γ, p) d

⁷³Ta-160

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷³Ta-160