

Program EVALPLOT
(Version 2021-1)

by

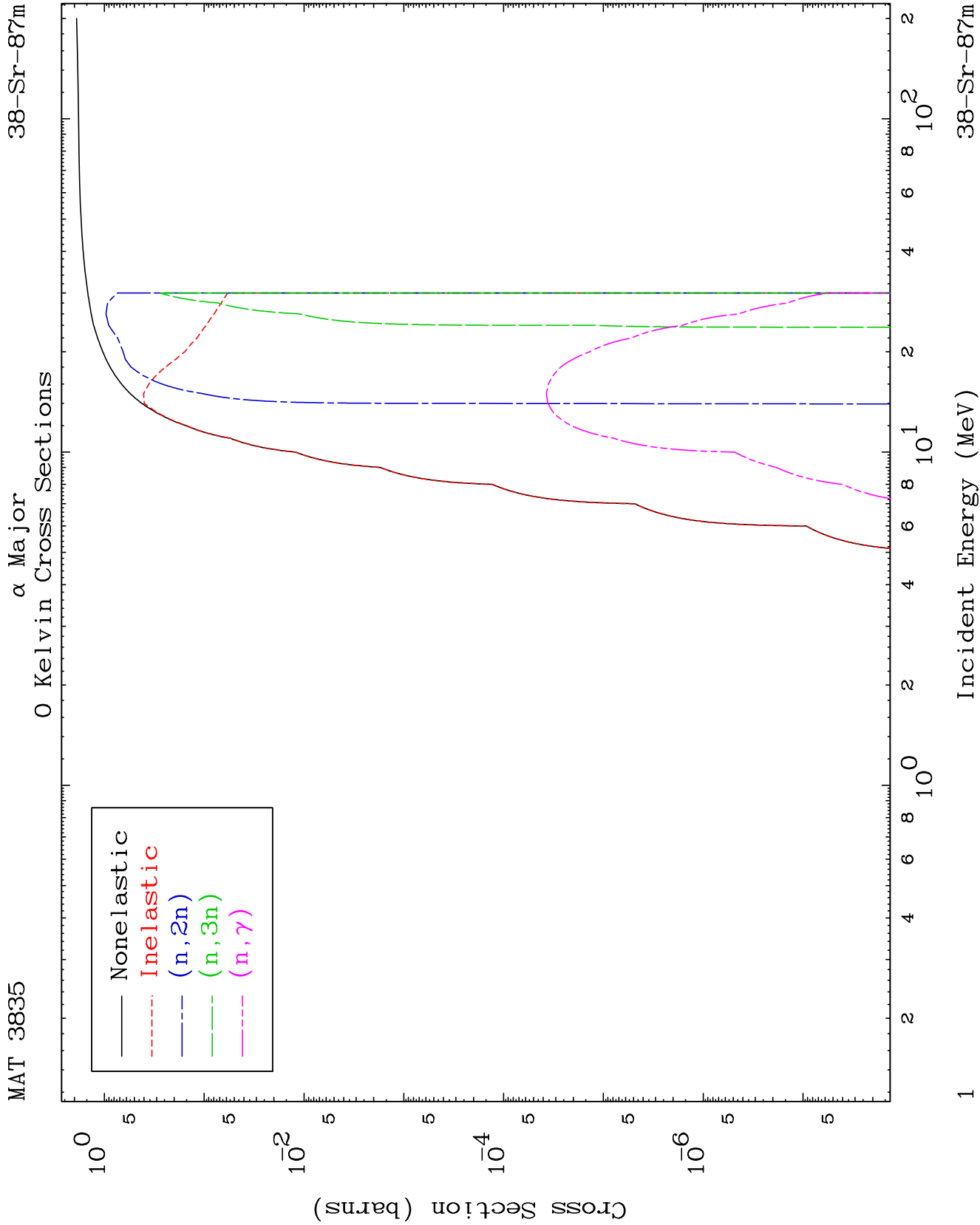
Dermott E. Cullen
(Present Contact Information)

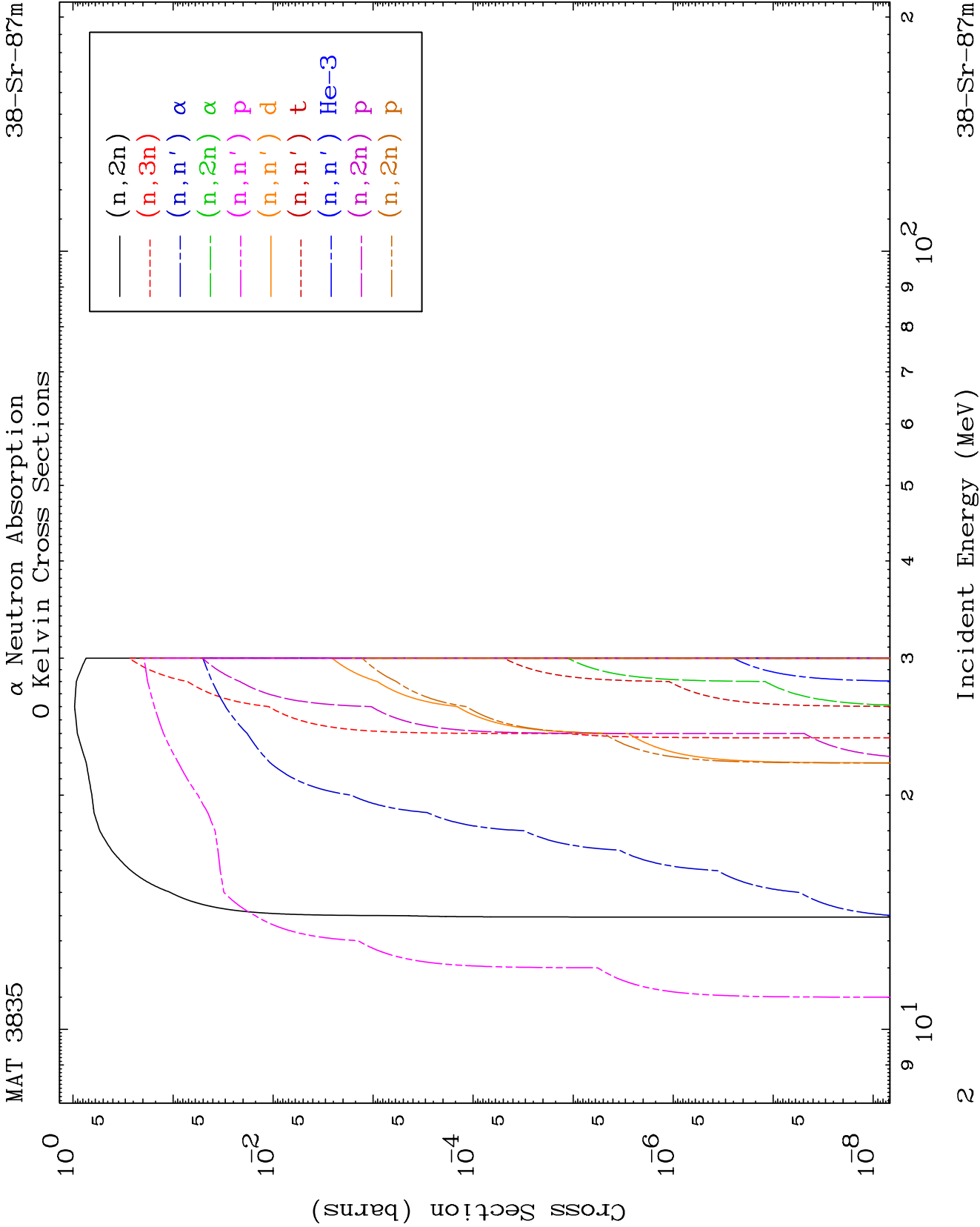
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

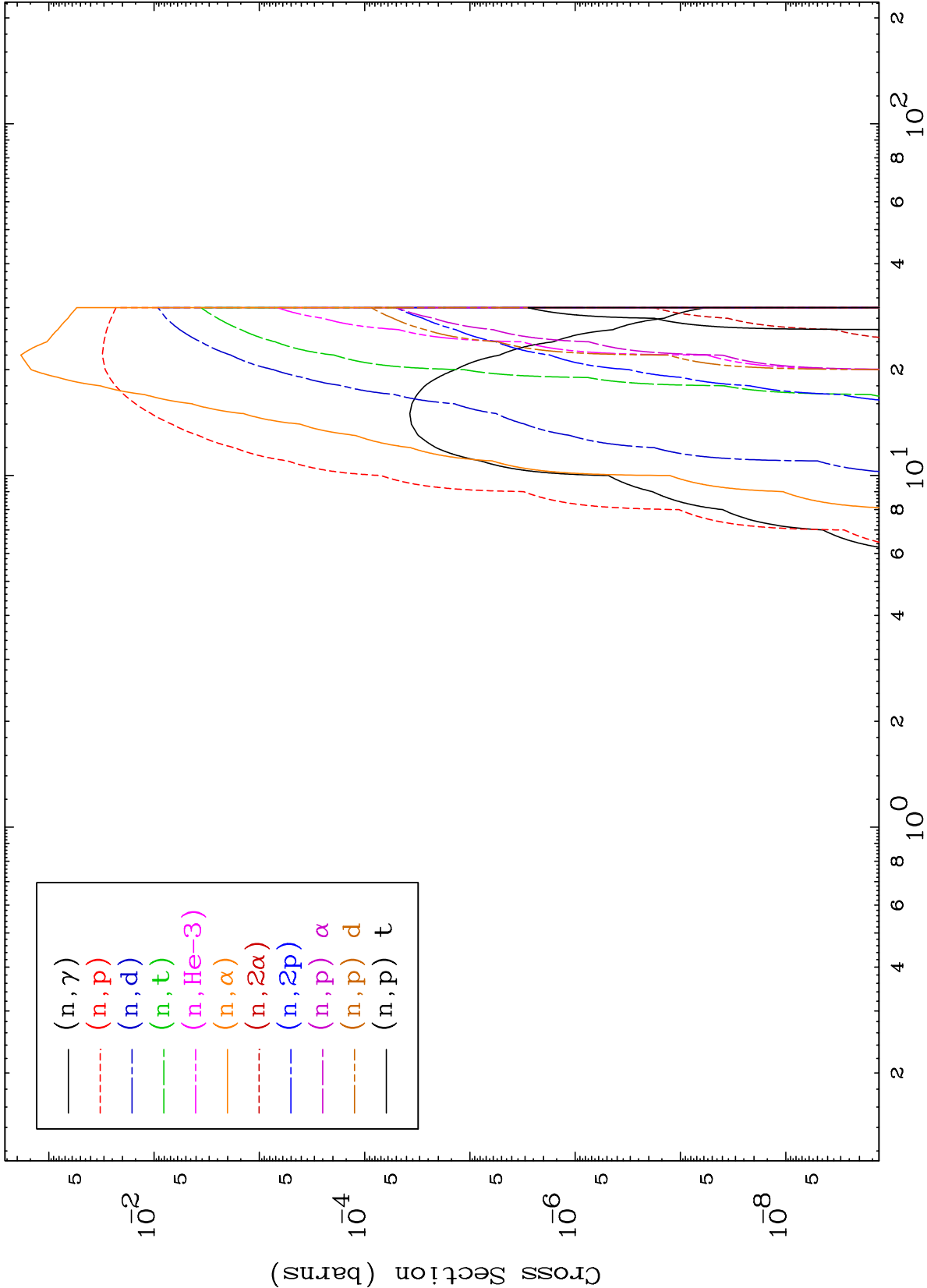
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





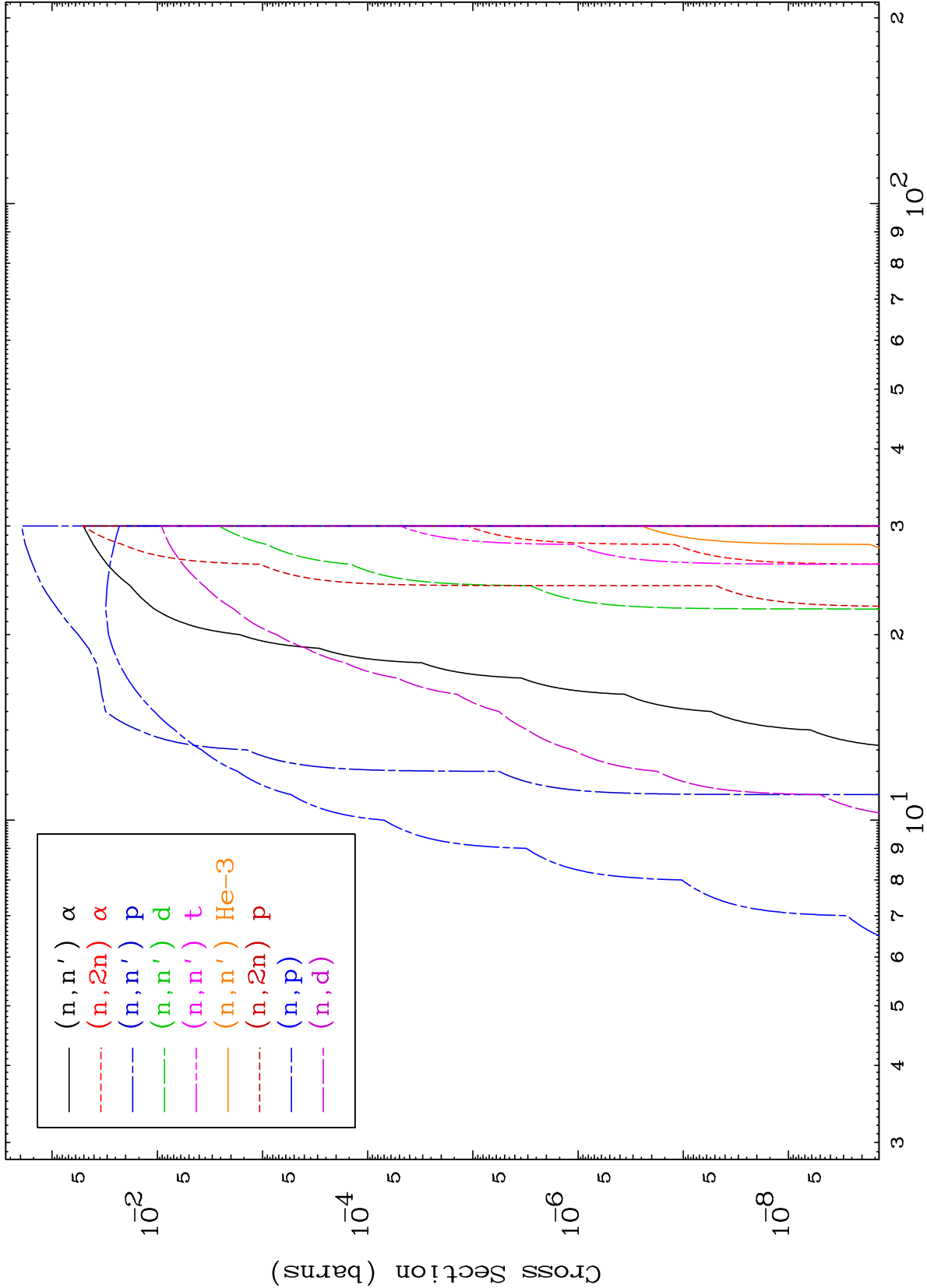
0 Kelvin Cross Sections



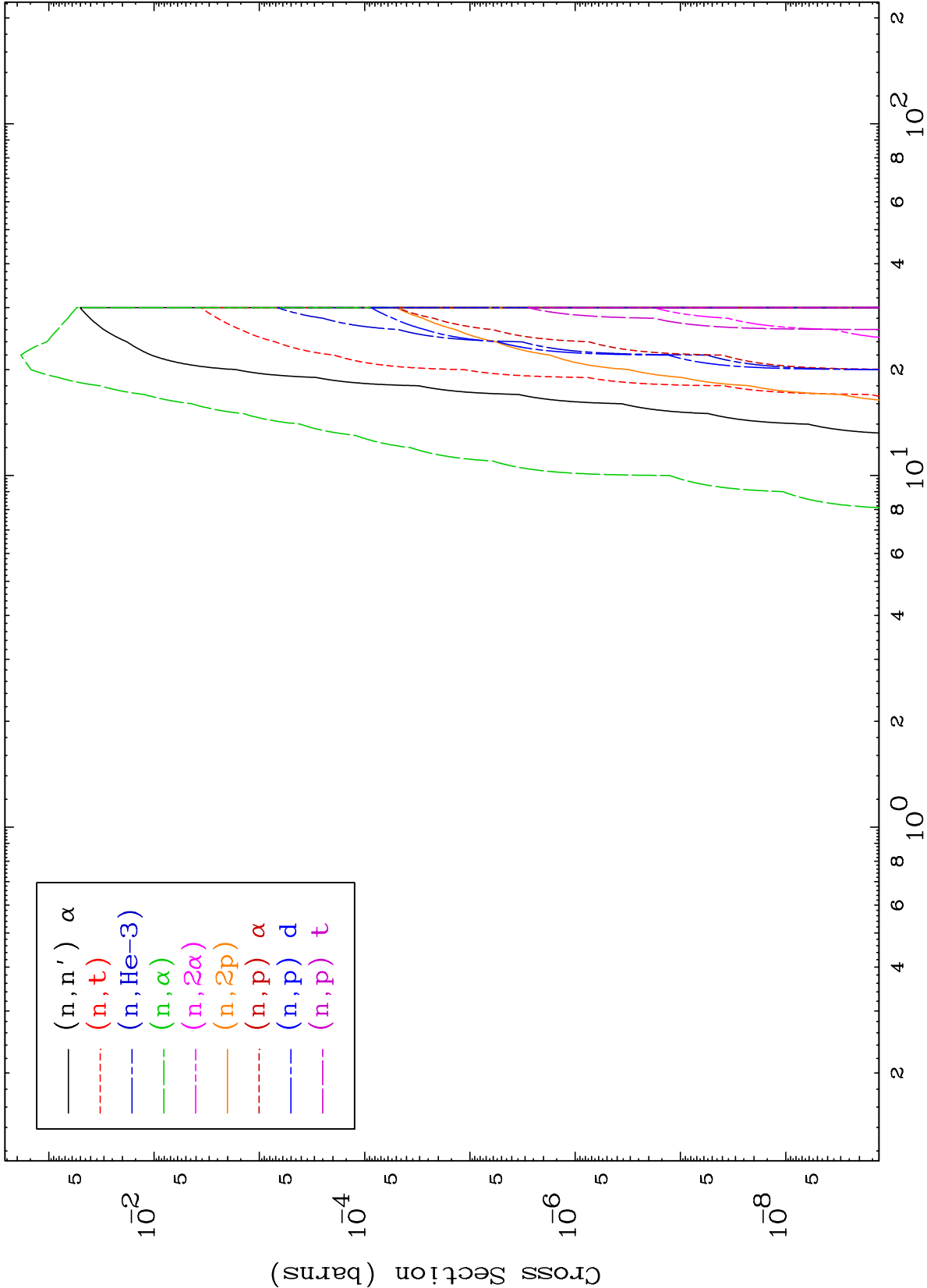
MAT 3835

α Charged Particle
0 Kelvin Cross Sections

38-Sr-87m



0 Kelvin Cross Sections

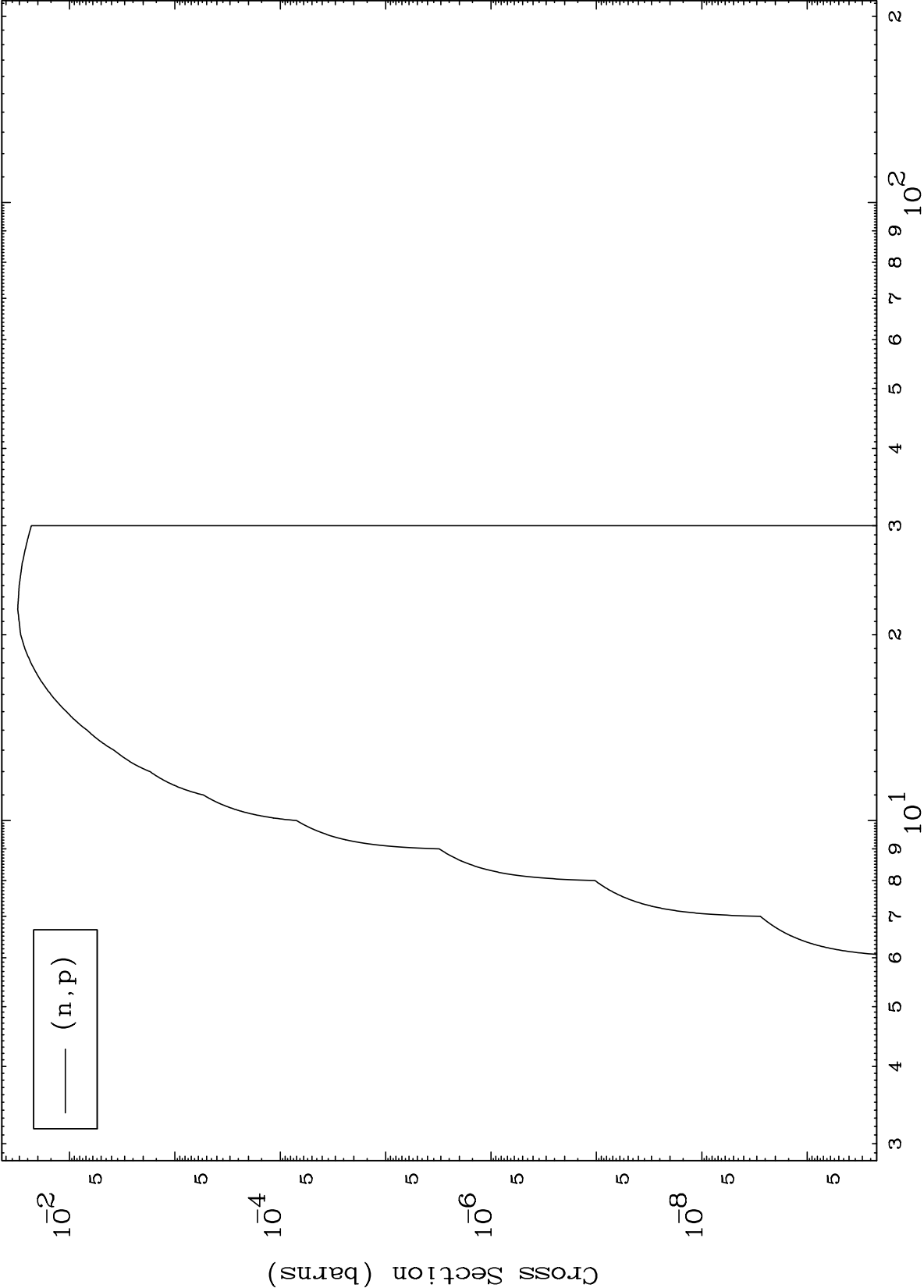


MAT 3835

(α, p) Levels

38-Sr-87m

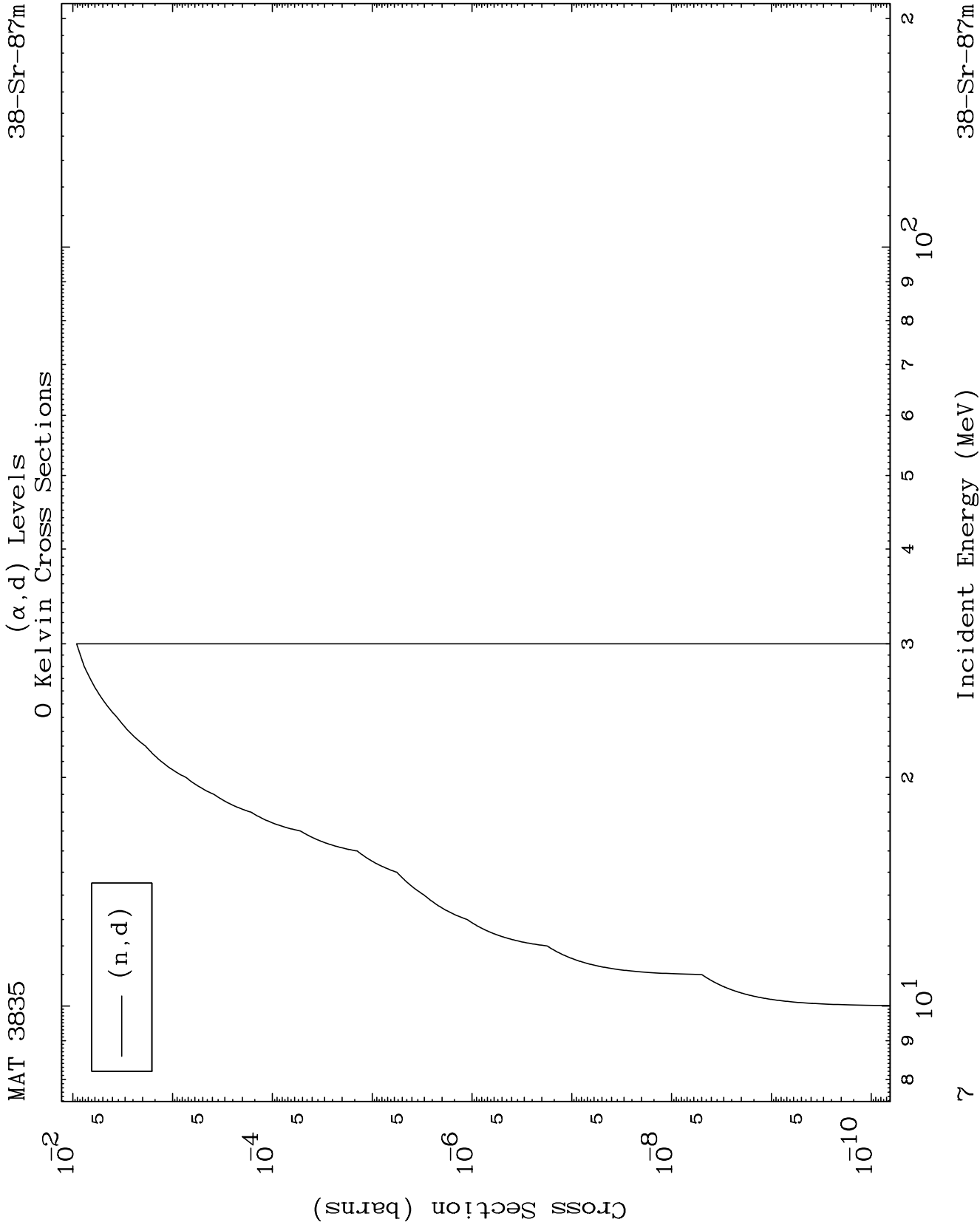
0 Kelvin Cross Sections

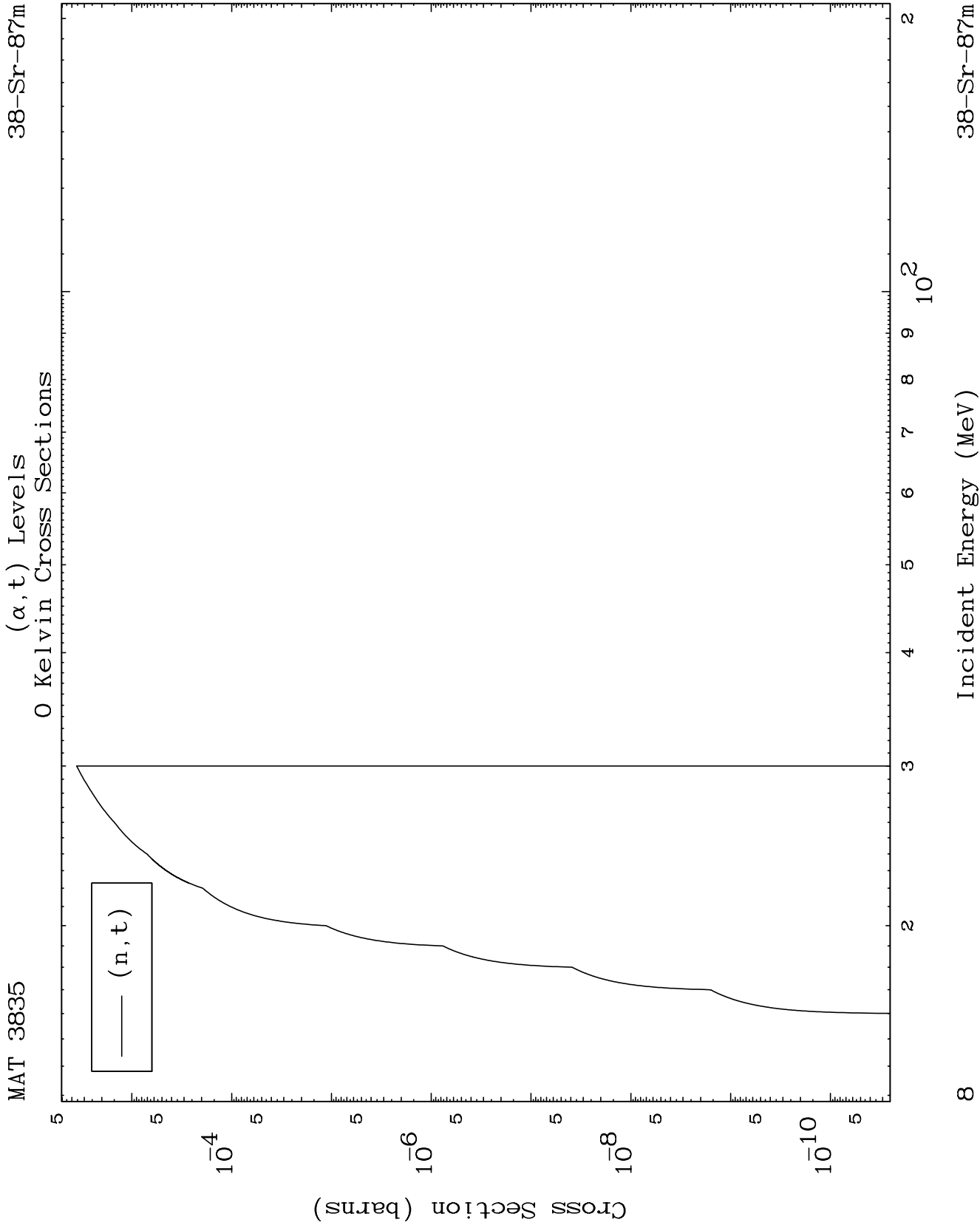


Incident Energy (MeV)

38-Sr-87m

6



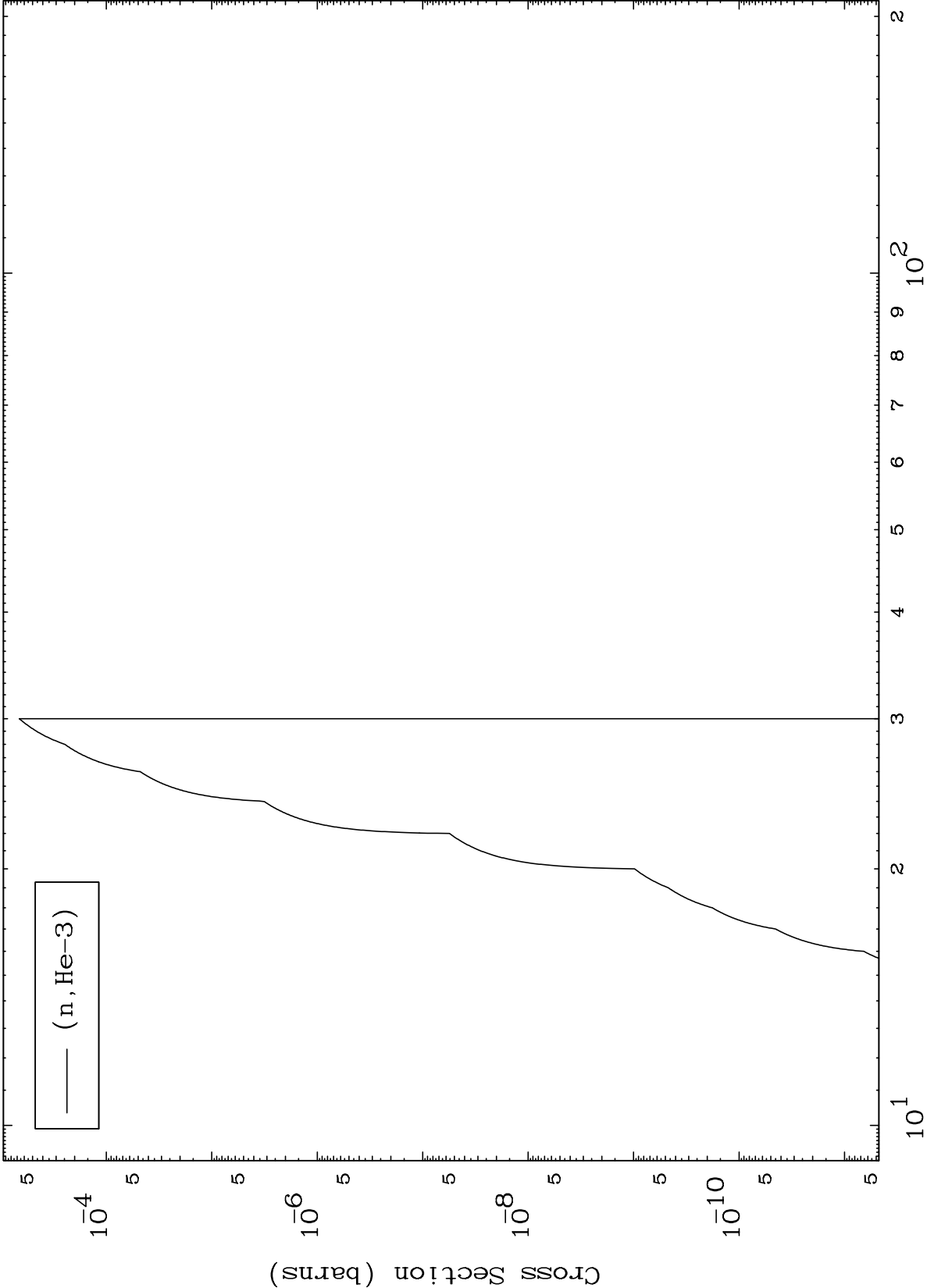


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(α ,He3) Levels

38-Sr-87m

0 Kelvin Cross Sections



Incident Energy (MeV)

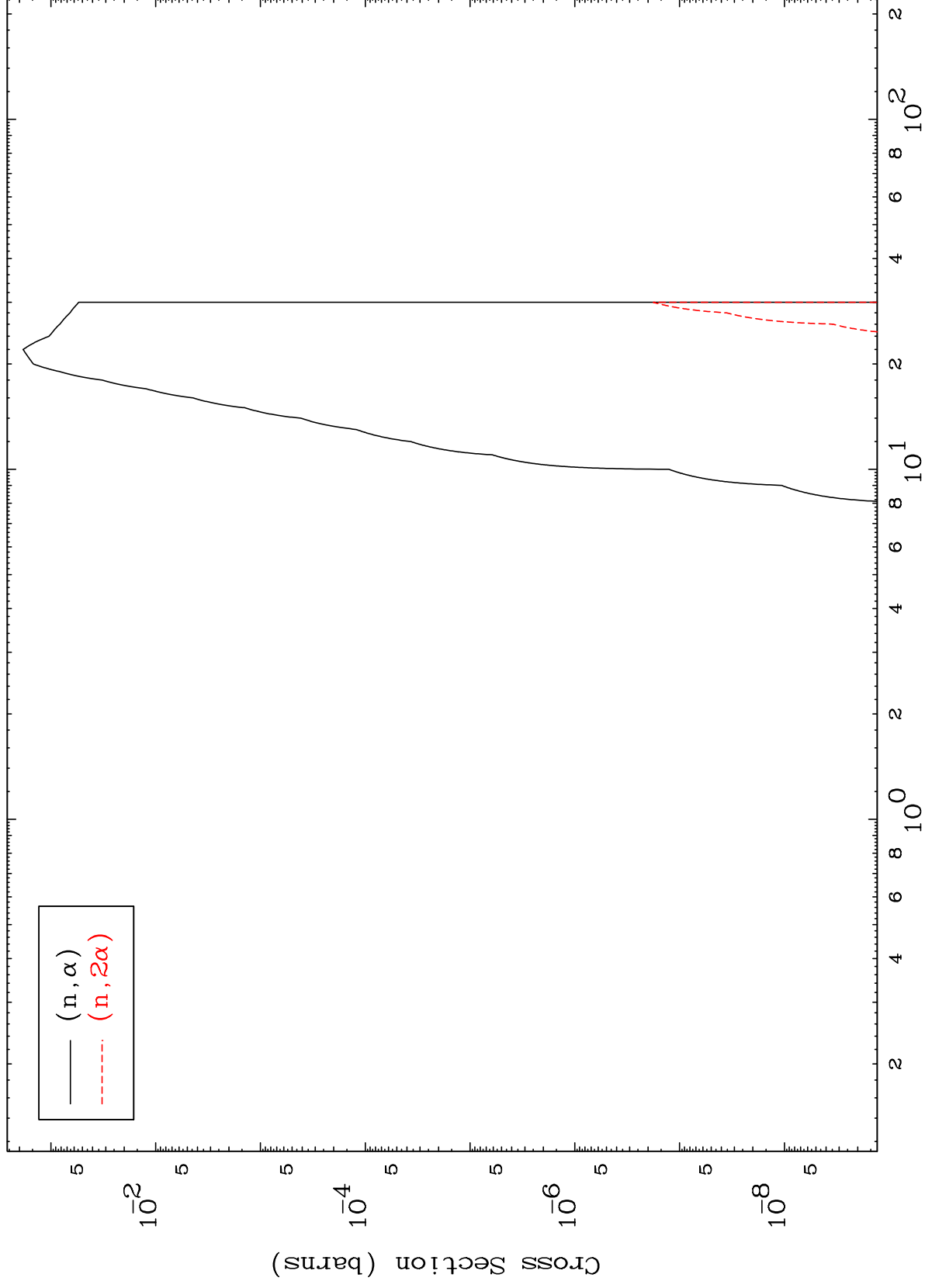
38-Sr-87m

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(α, α) Levels

$^{38}\text{Sr-87m}$

0 Kelvin Cross Sections



10

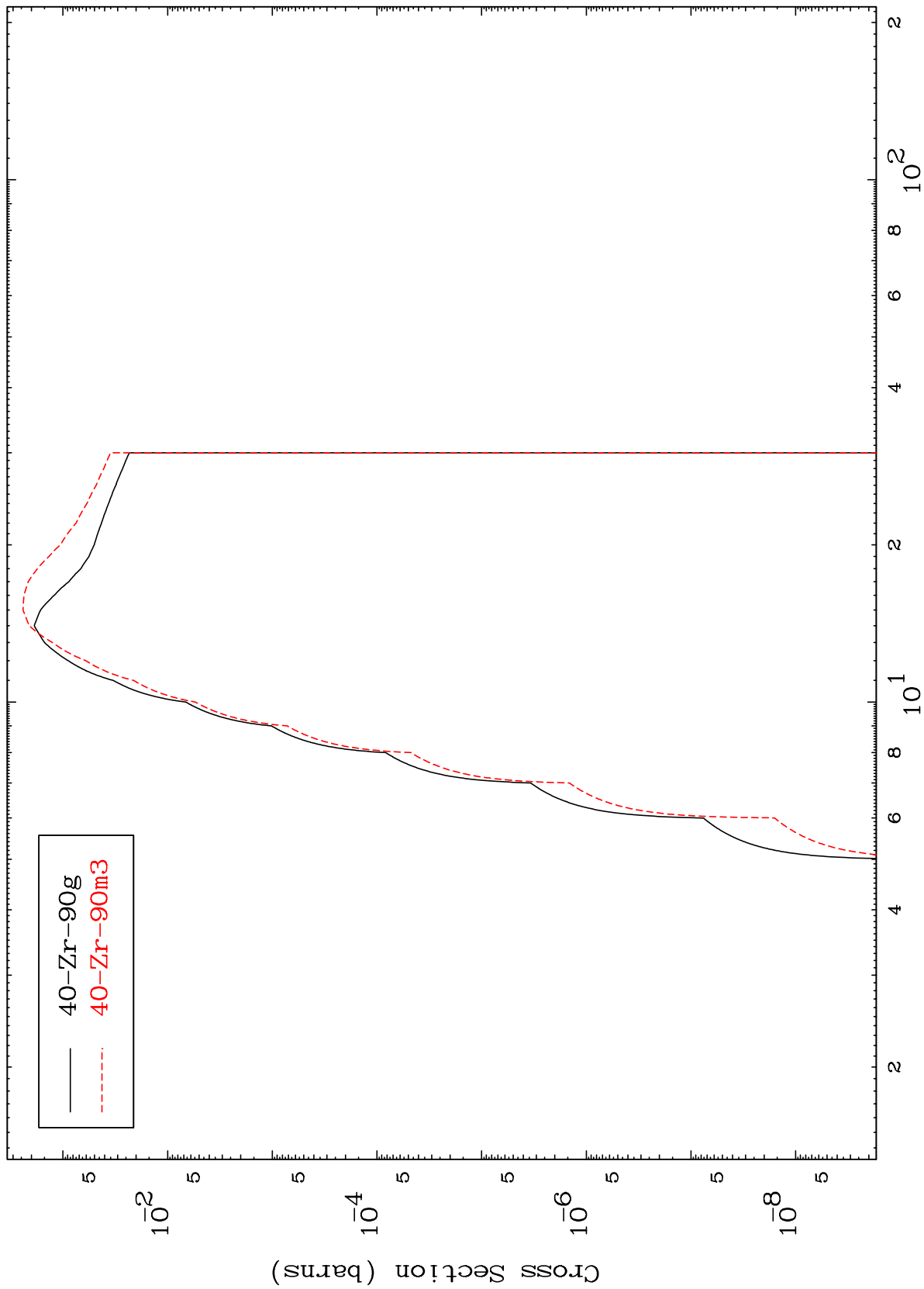
Incident Energy (MeV)

$^{38}\text{Sr-87m}$

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38-Sr-87m

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

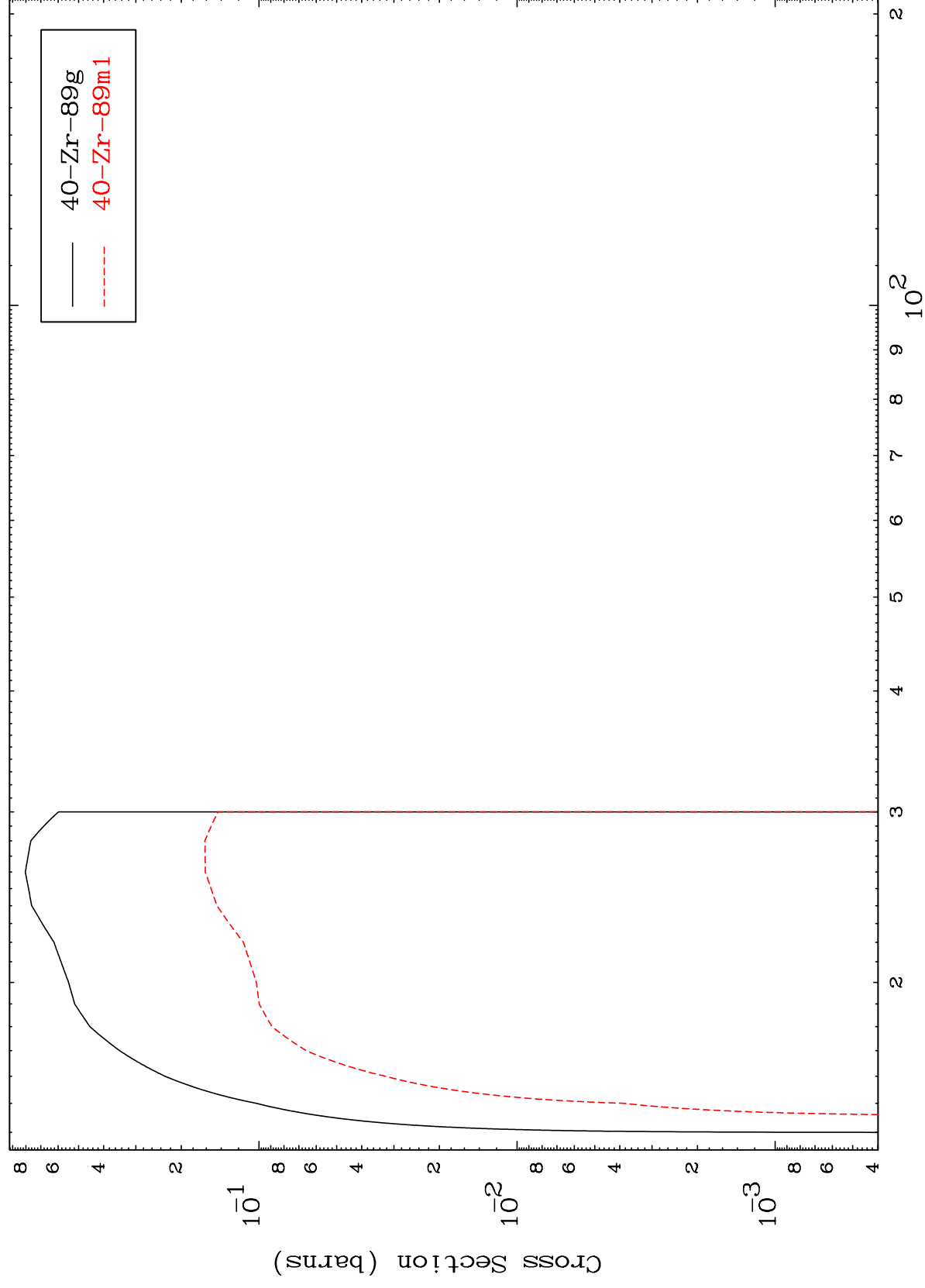
38-Sr-87m

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$$(n, 2n)$$

38-Sr-87m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

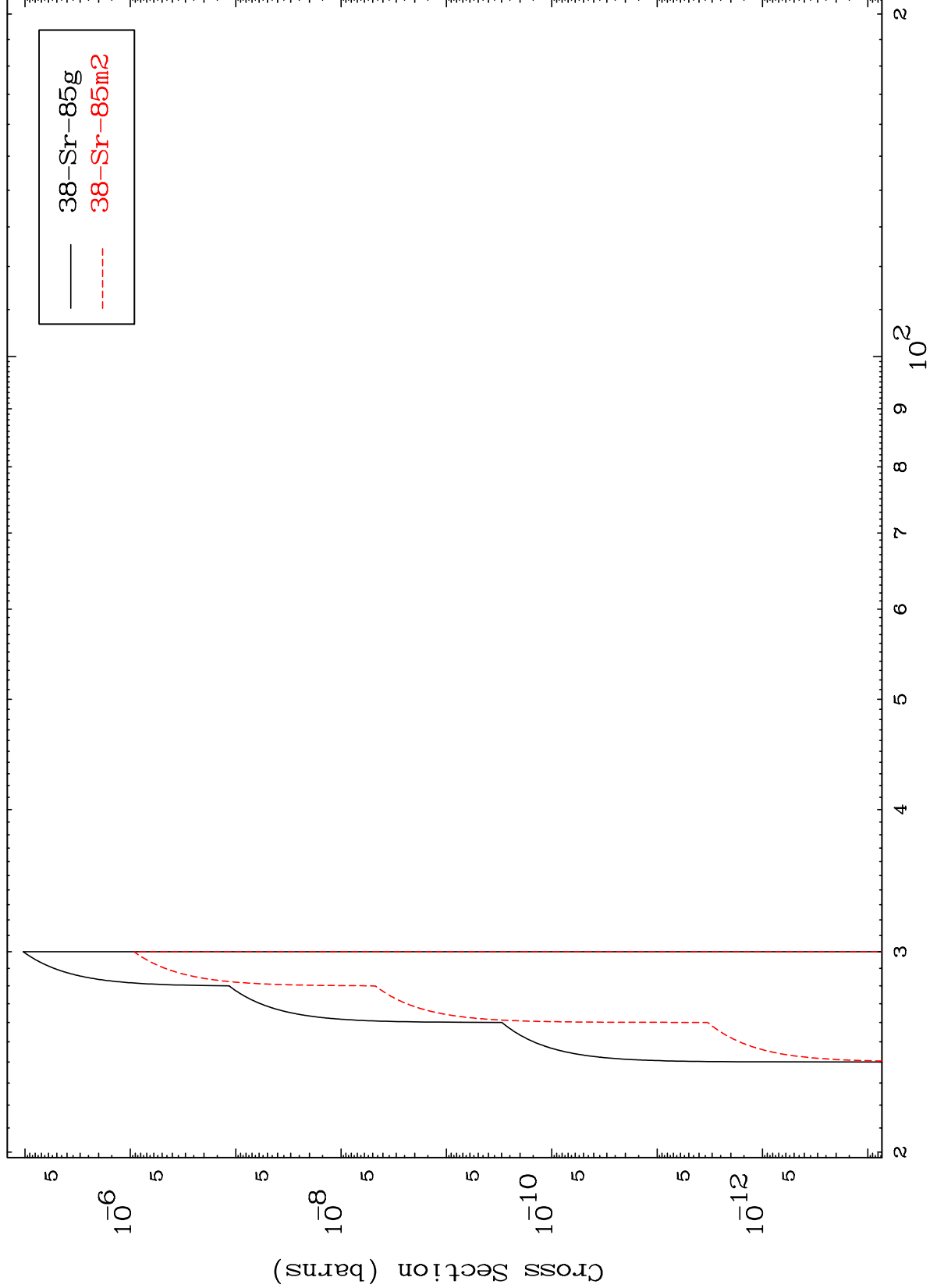
38-Sr-87m

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³⁸Sr-87m

(n,2n) α

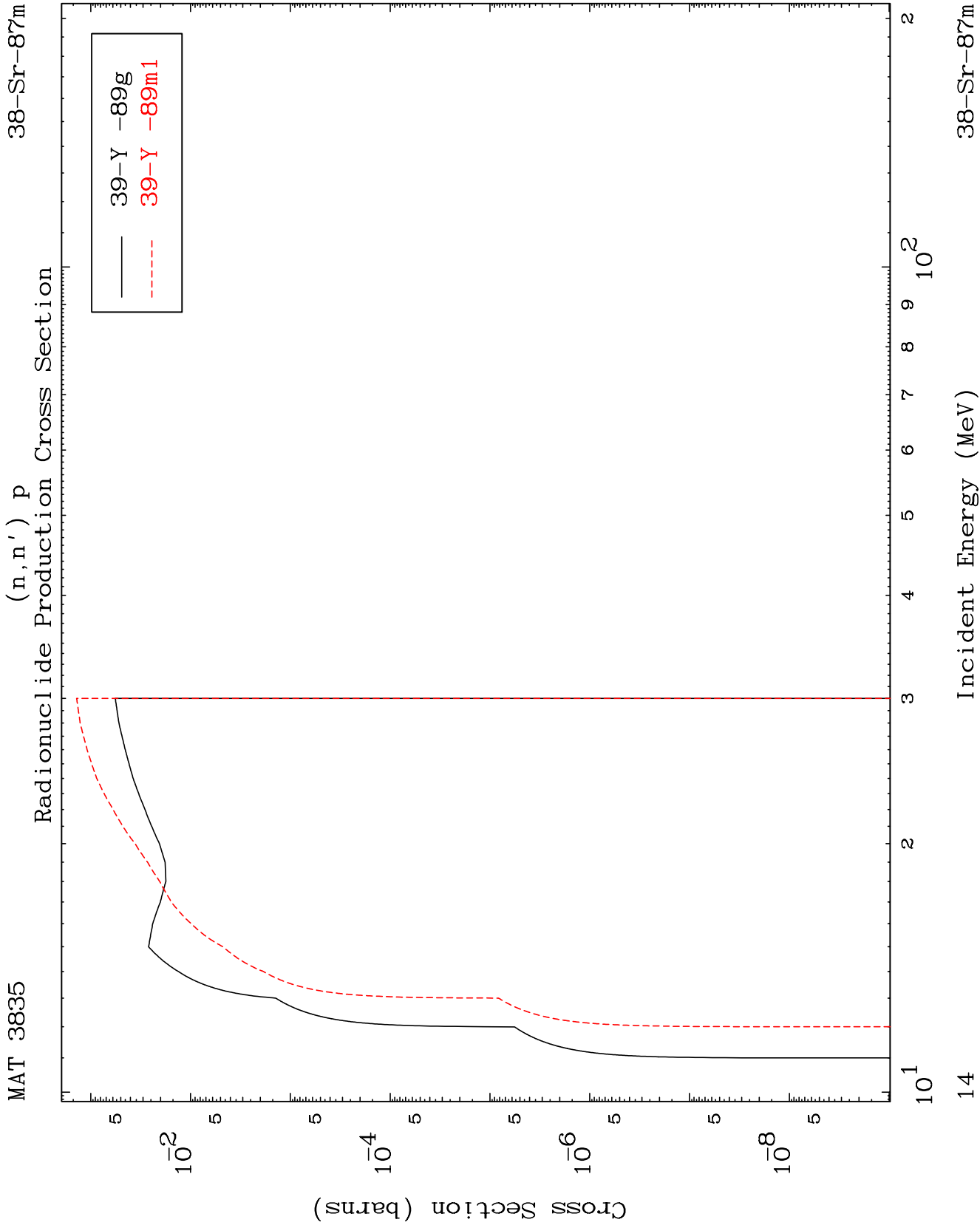
Radionuclide Production Cross Section



³⁸Sr-87m

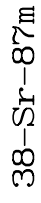
Incident Energy (MeV)

13



38-Sr-87m

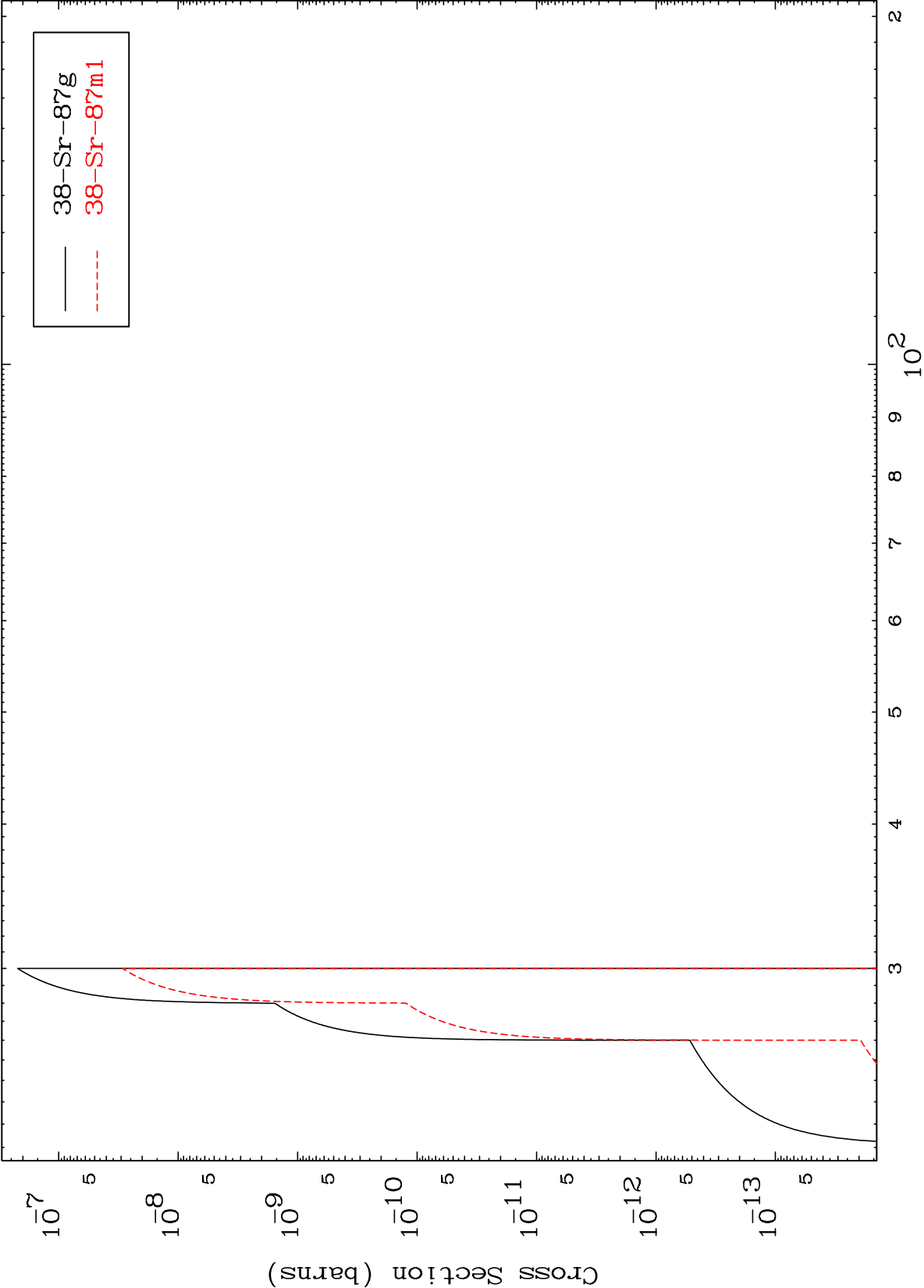
Radionuclide Production Cross Section



Incident Energy (MeV)

15

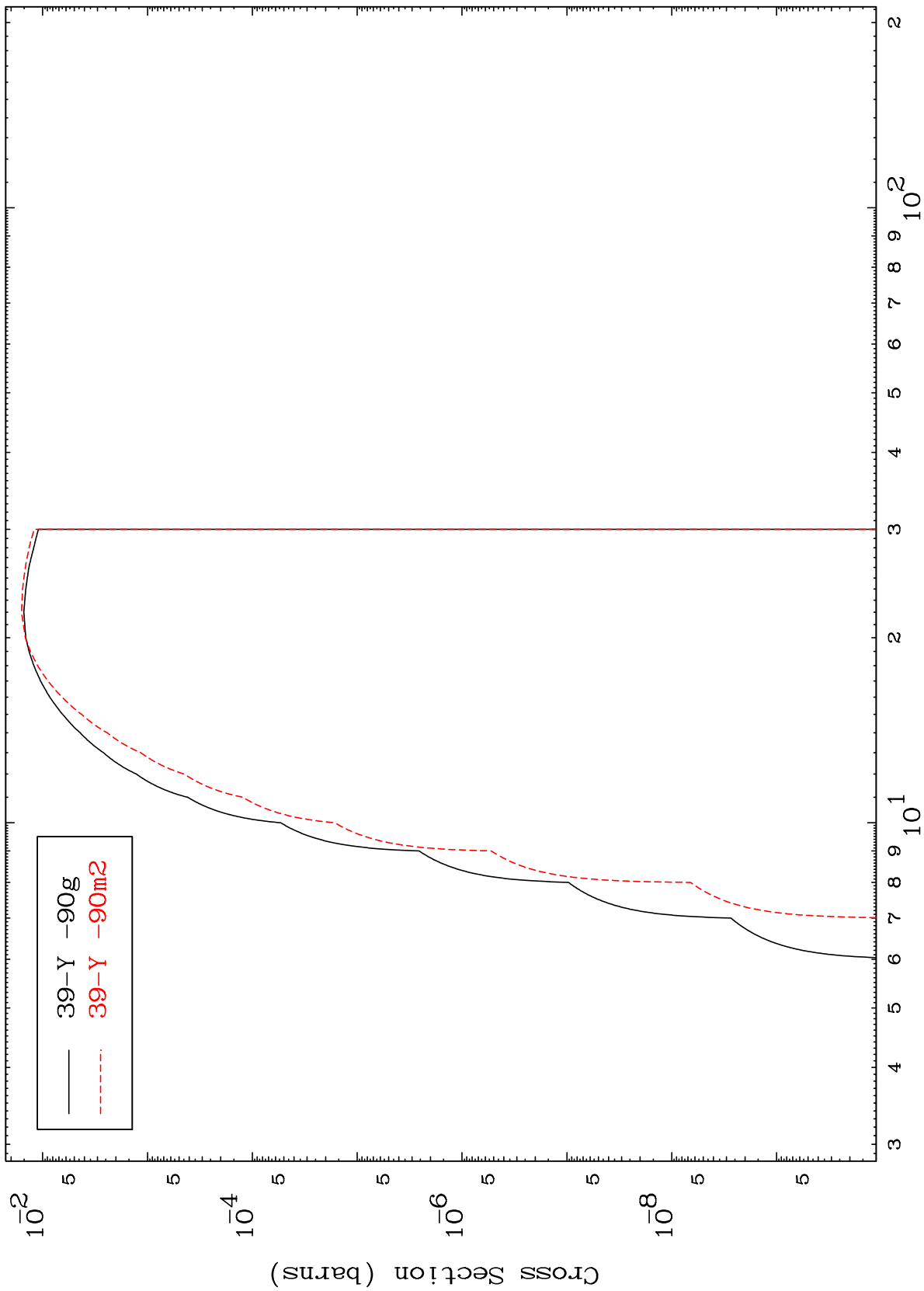
Radionuclide Production Cross Section



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38-Sr-87m

Radionuclide Production Cross Section
(n,p)



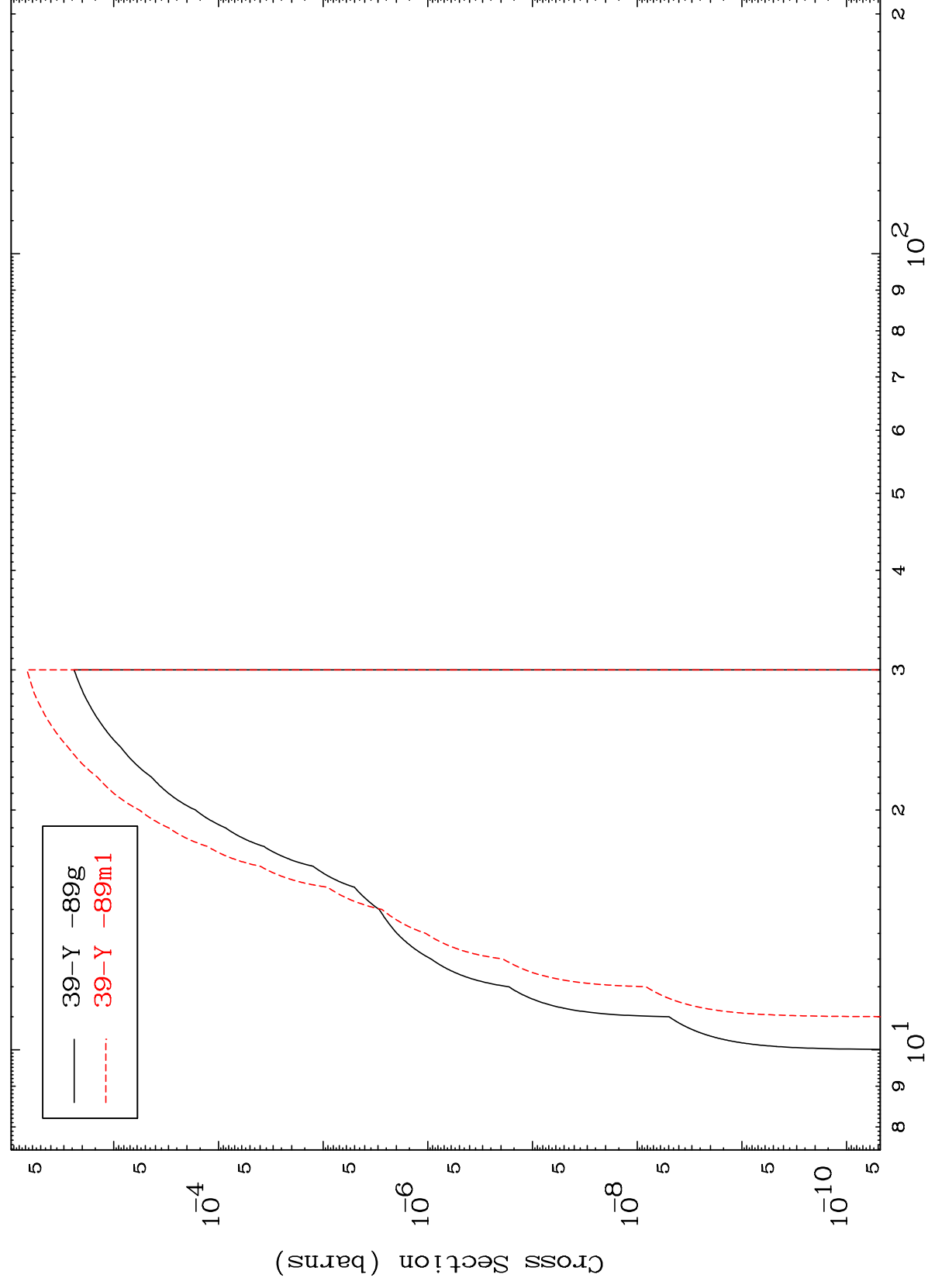
17

Incident Energy (MeV)

38-Sr-87m

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38-Sr-87m

Radionuclide Production Cross Section
(n, d) (n, d) 

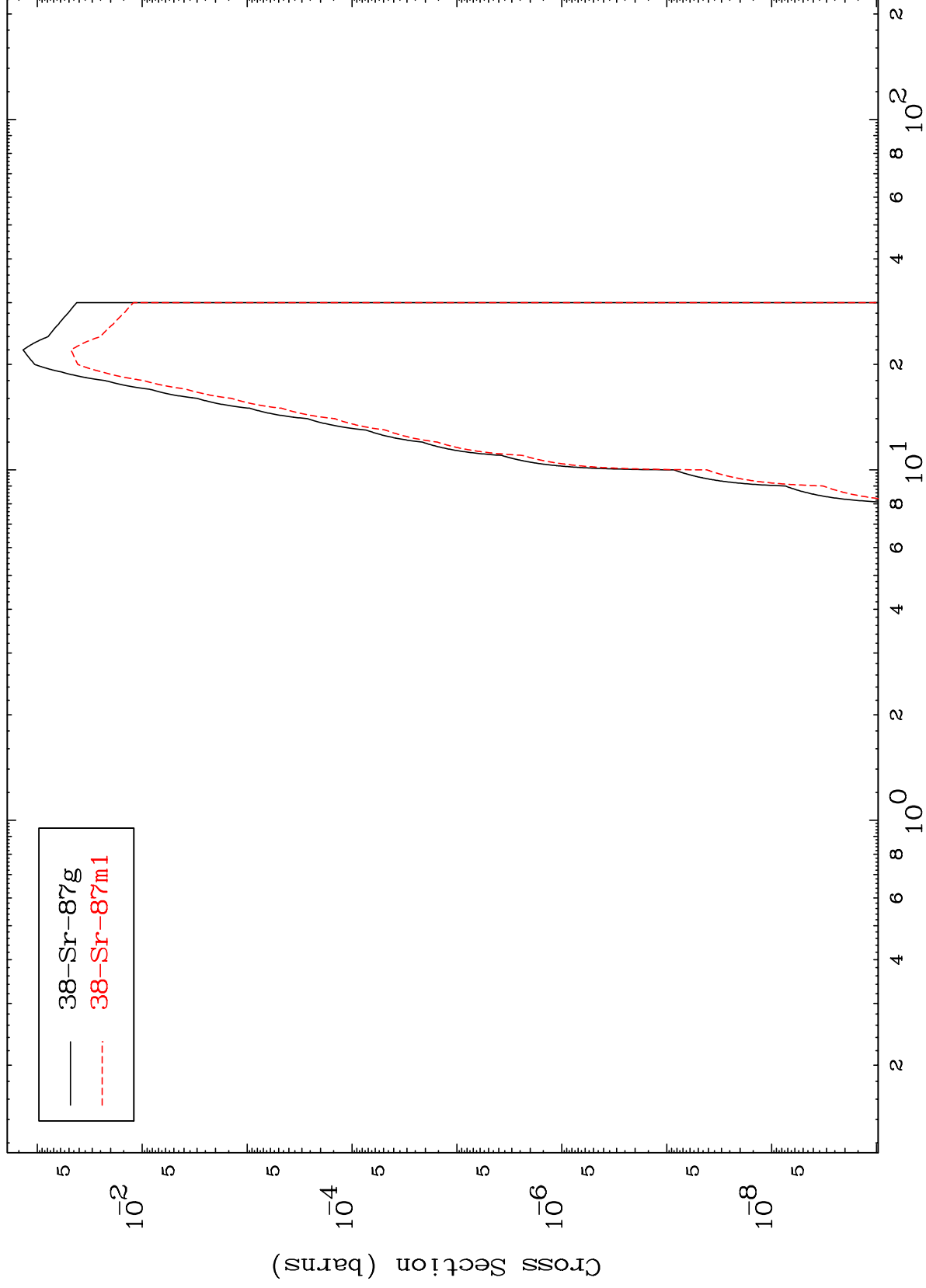
38-Sr-87m

Incident Energy (MeV)

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³⁸Sr-⁸⁷m

Radionuclide Production Cross Section



19

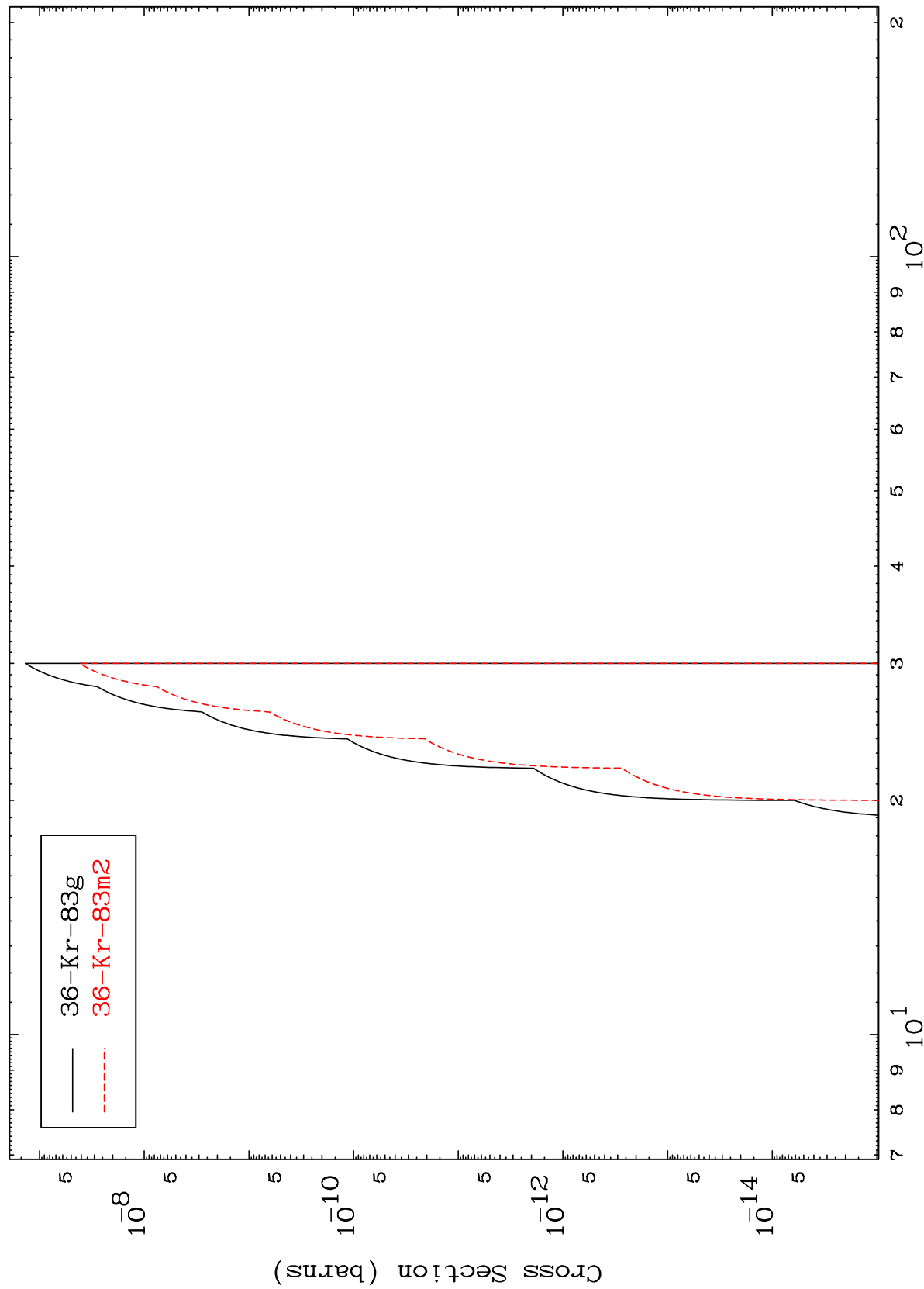
Incident Energy (MeV)

³⁸Sr-⁸⁷m

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38-Sr-87m

Radionuclide Production Cross Section
(n,2α)



Incident Energy (MeV)

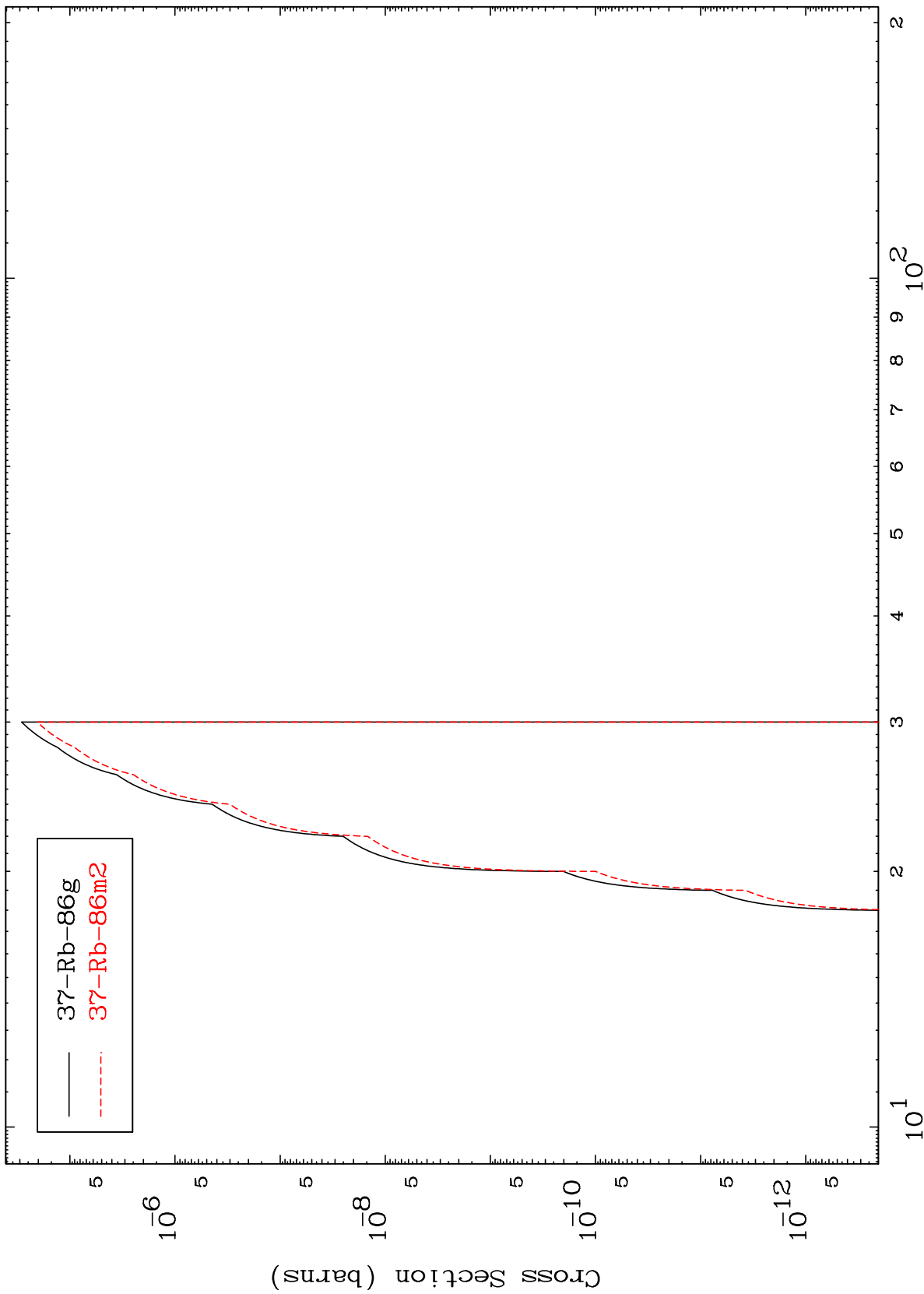
38-Sr-87m

20

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38-Sr-87m

(n,p) α
Radionuclide Production Cross Section



38-Sr-87m

Incident Energy (MeV)

21

Radionuclide Production Cross Section

