

Program EVALPLOT
(Version 2021-1)

by

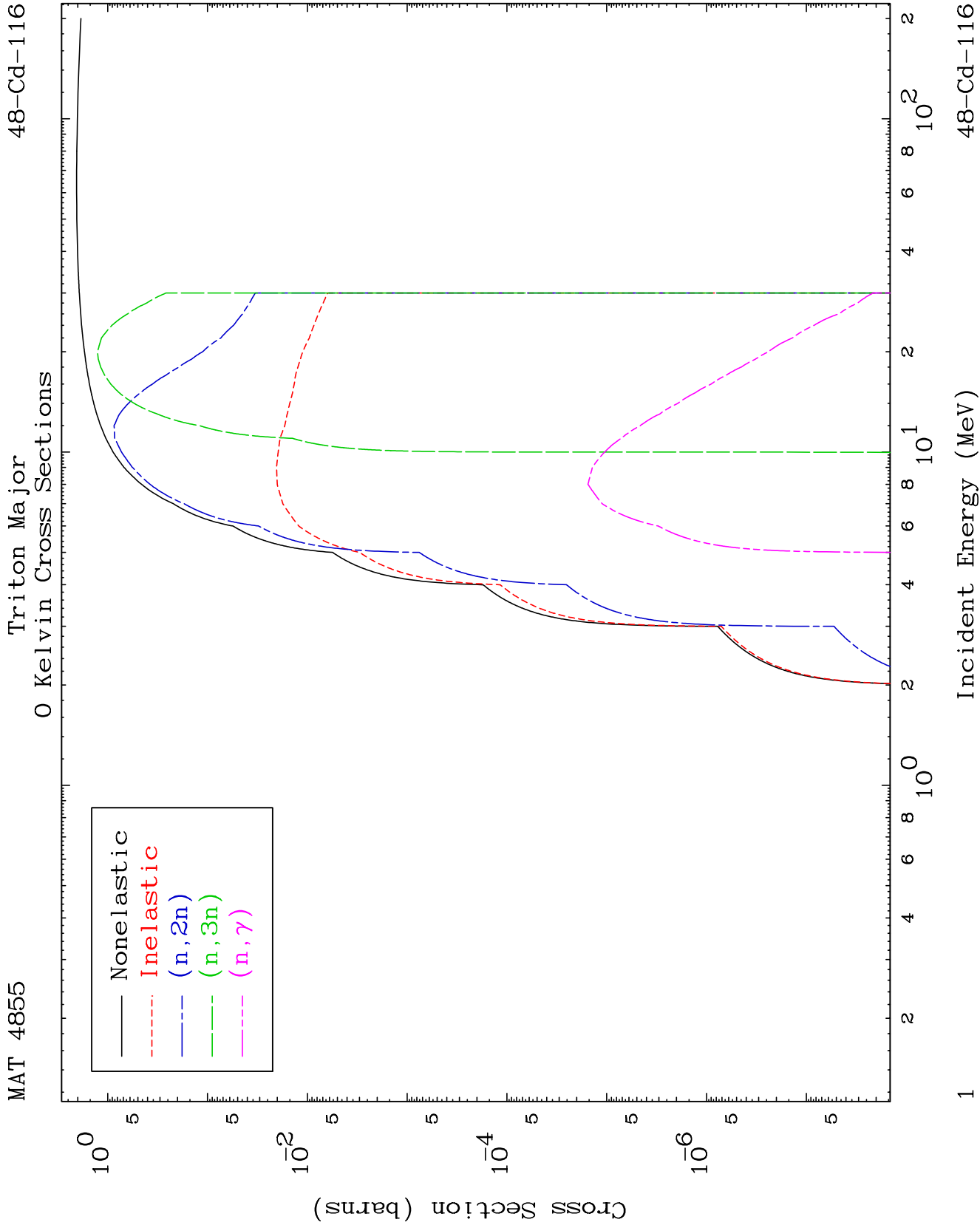
Dermott E. Cullen
(Present Contact Information)

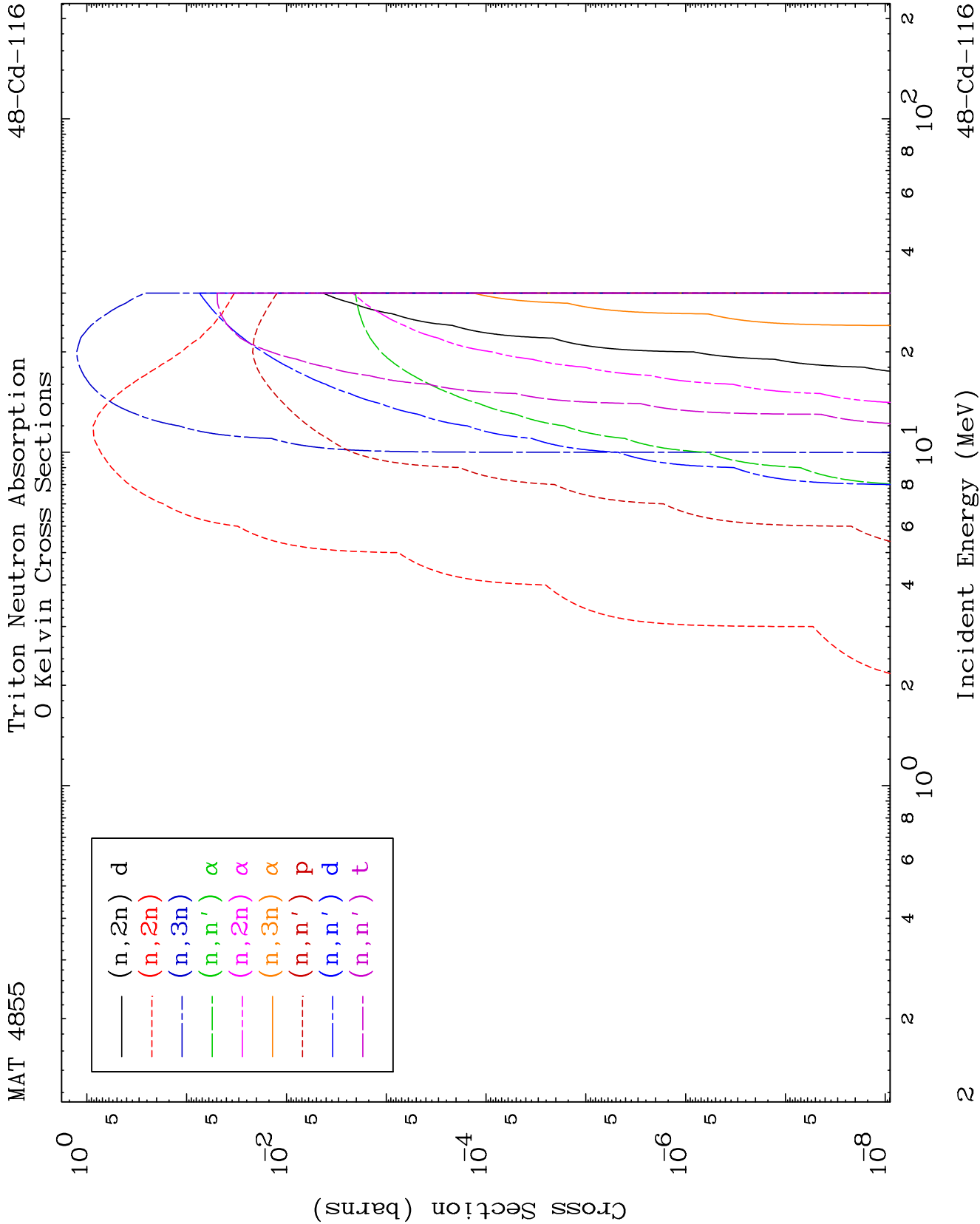
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

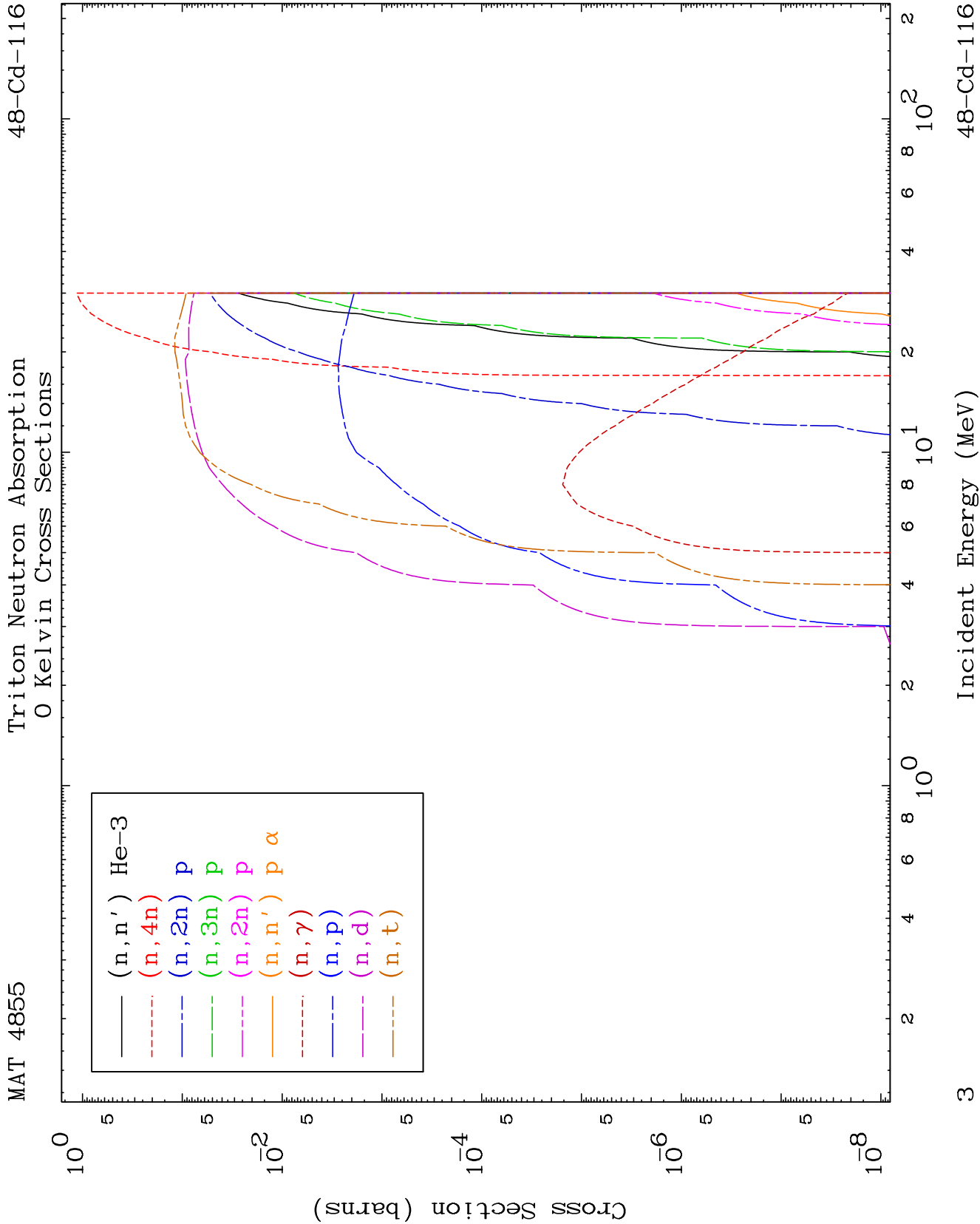
Tele: 925-443-1911

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

Press Mouse Button to Start



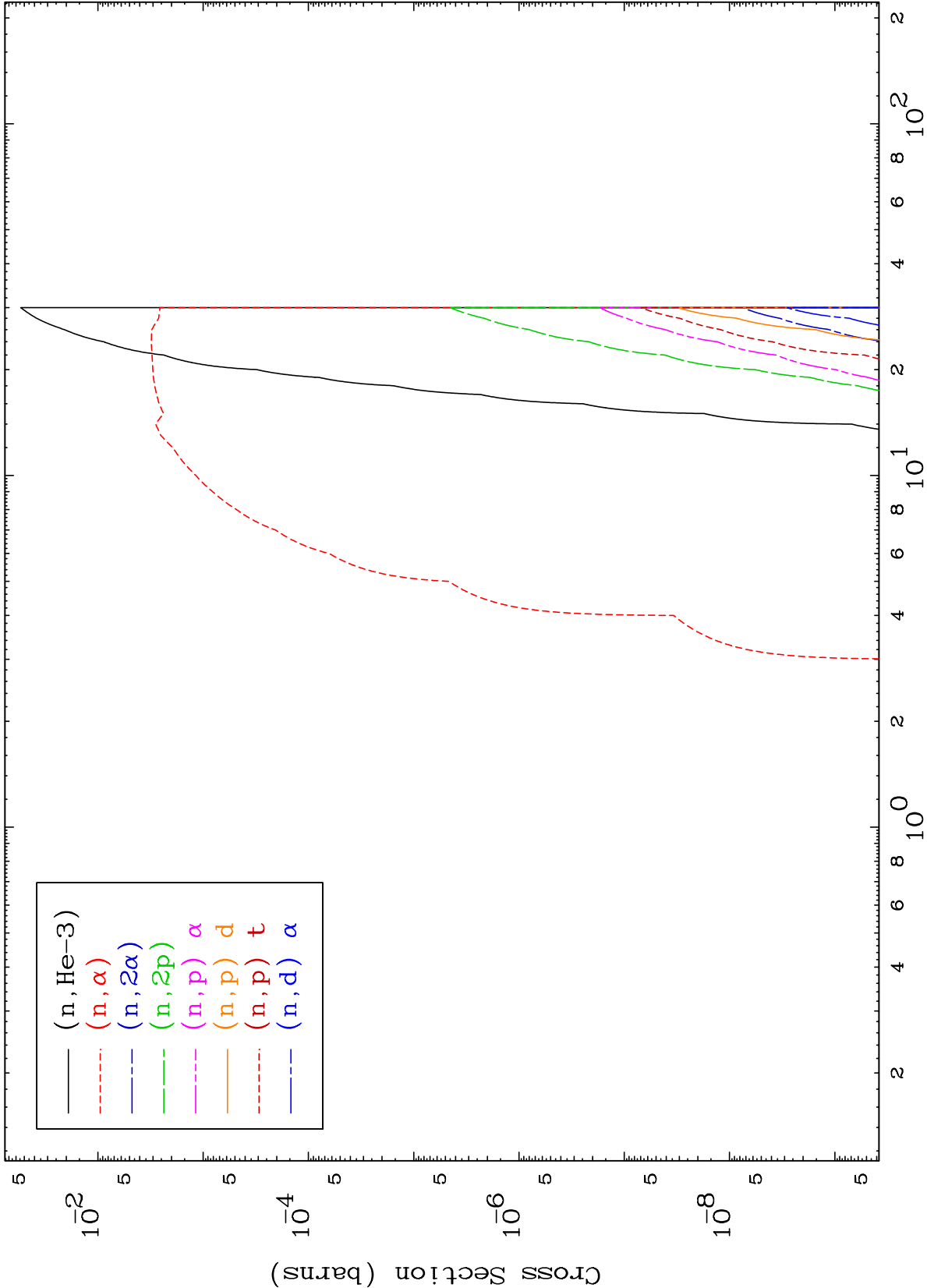


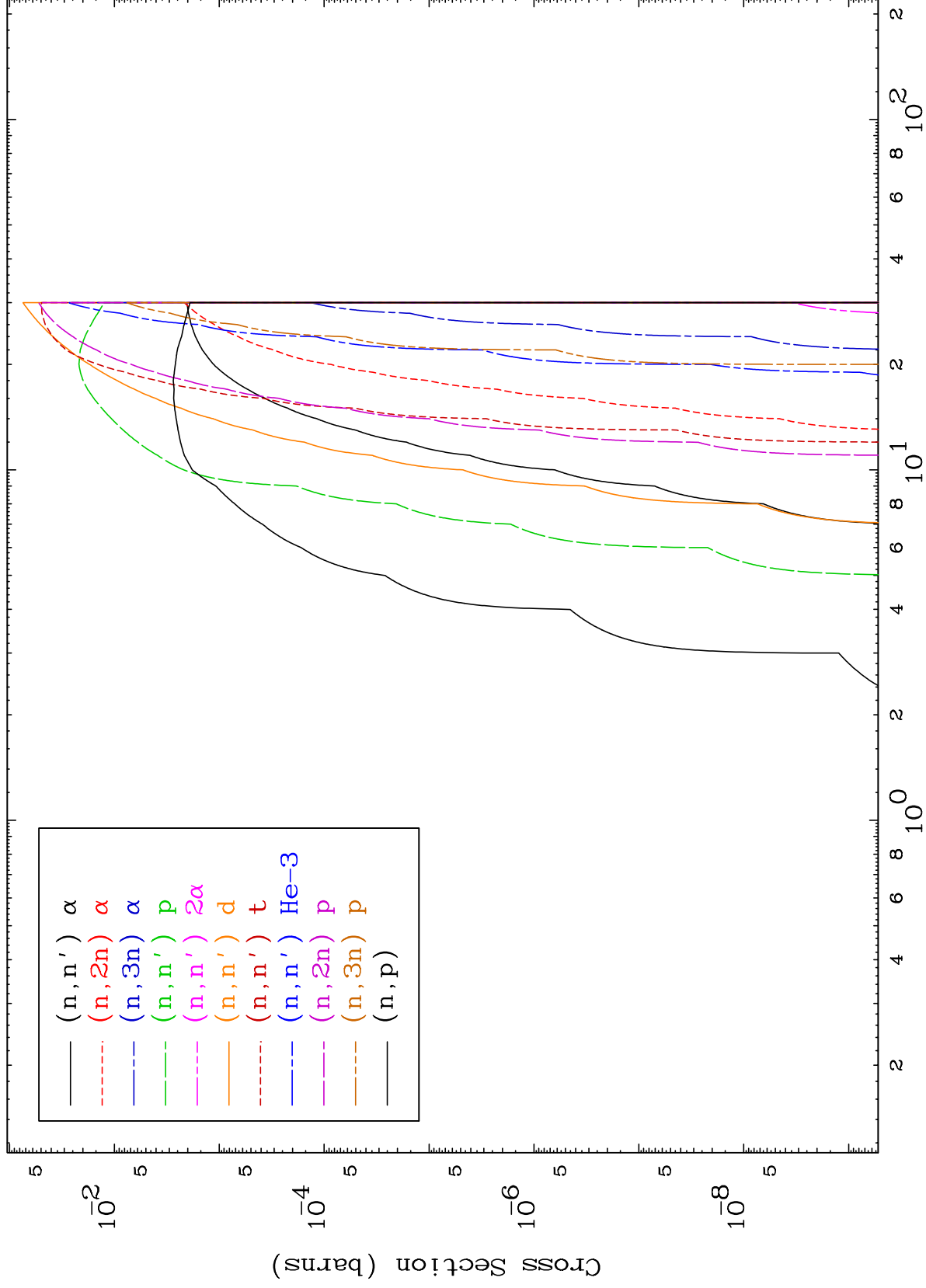


MAT 4855

Triton Neutron Absorption
0 Kelvin Cross Sections

48-Cd-116

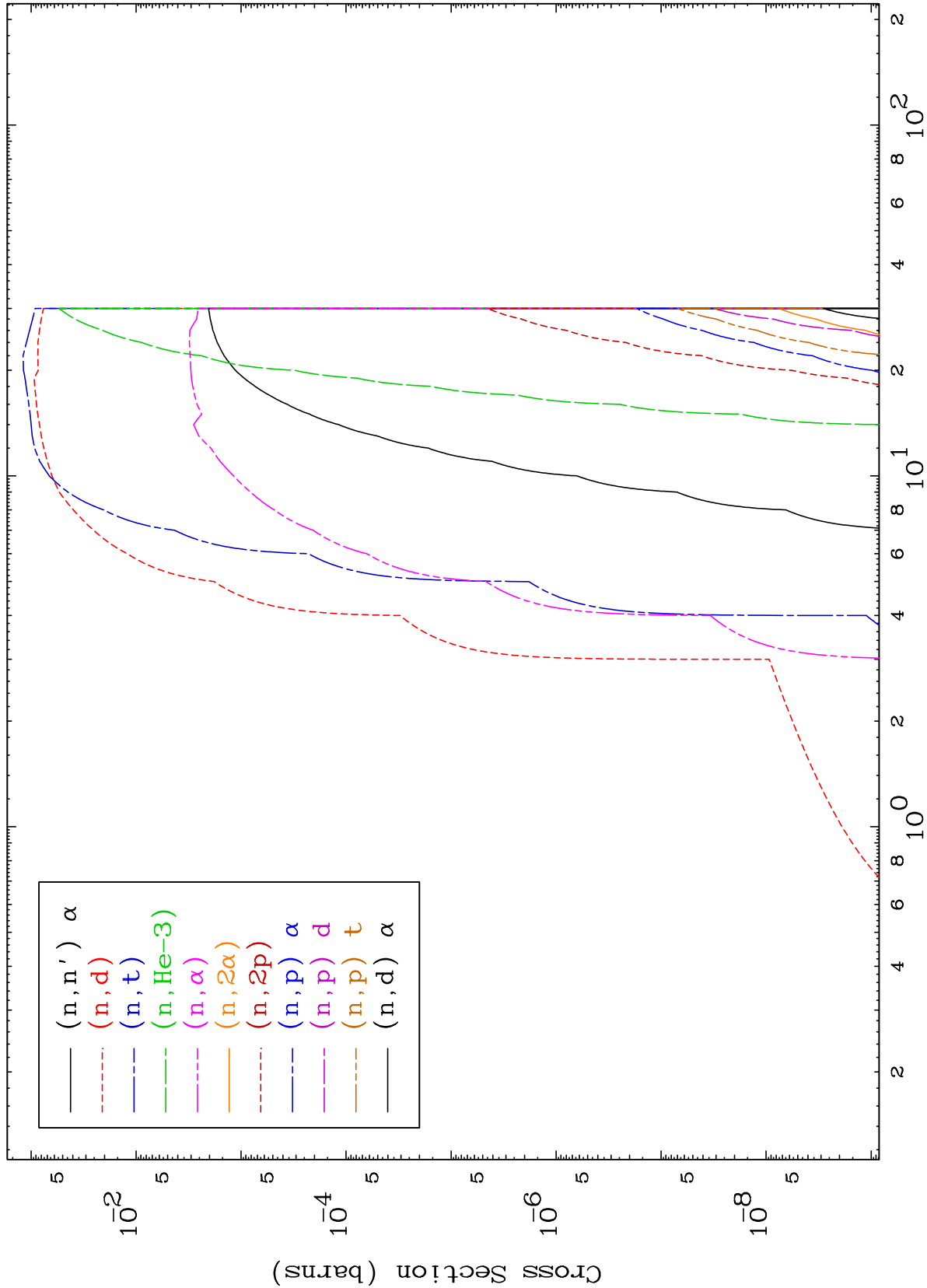




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Triton Charged Particle
0 Kelvin Cross Sections

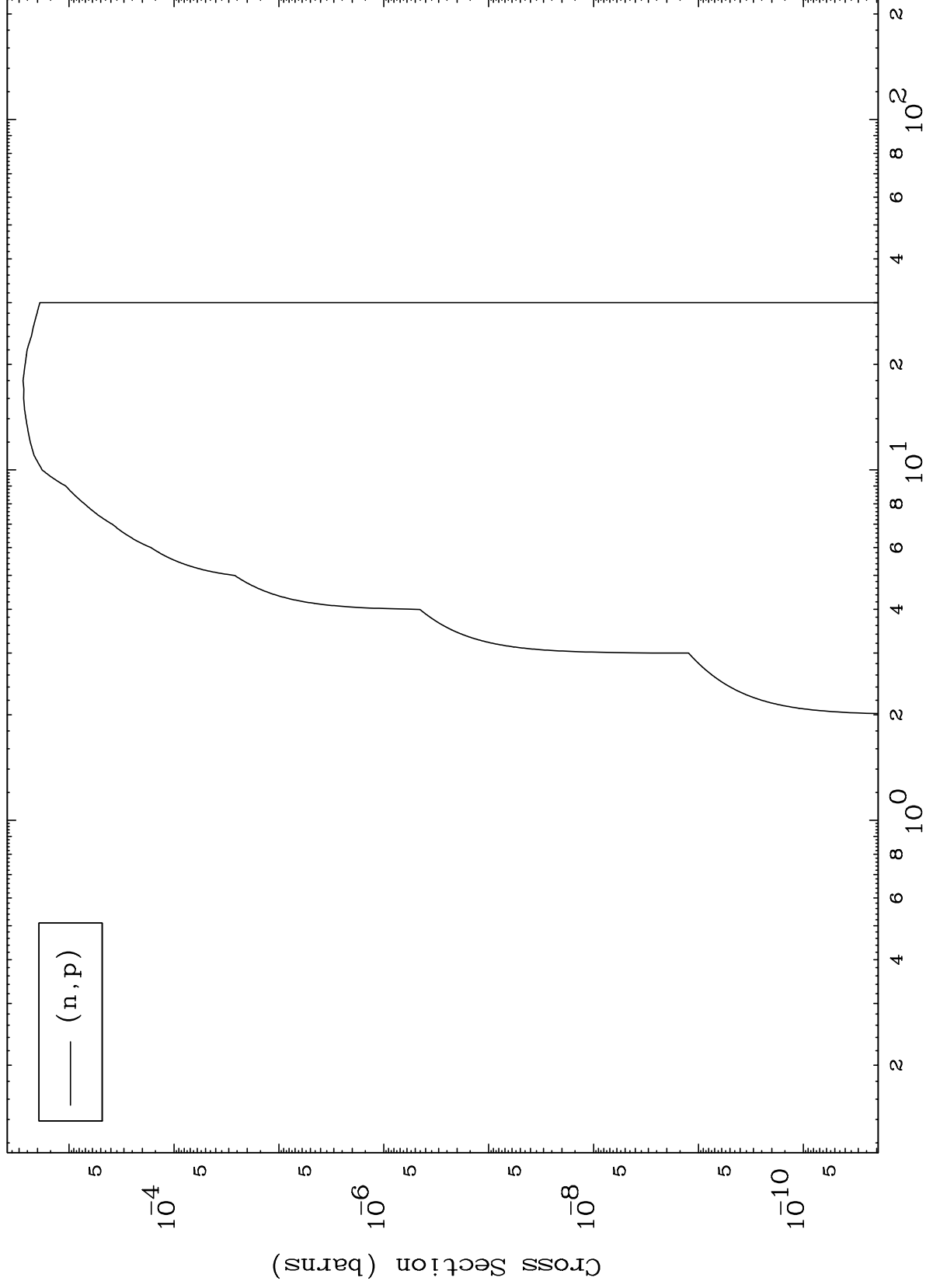
48-Cd-116



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48-Cd-116

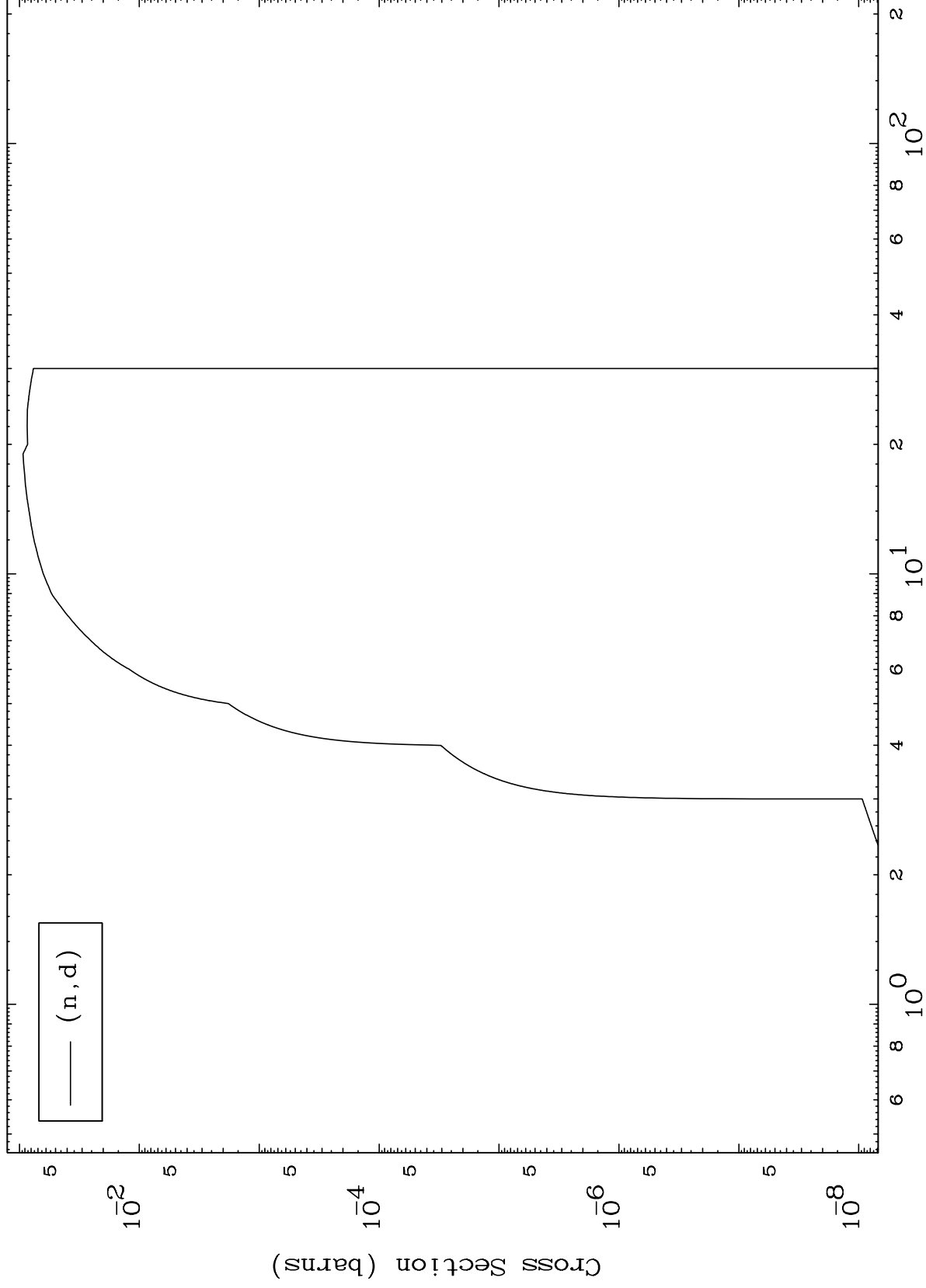
(t,p) Levels
0 Kelvin Cross Sections



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48-Cd-116

(t,d) Levels
0 Kelvin Cross Sections



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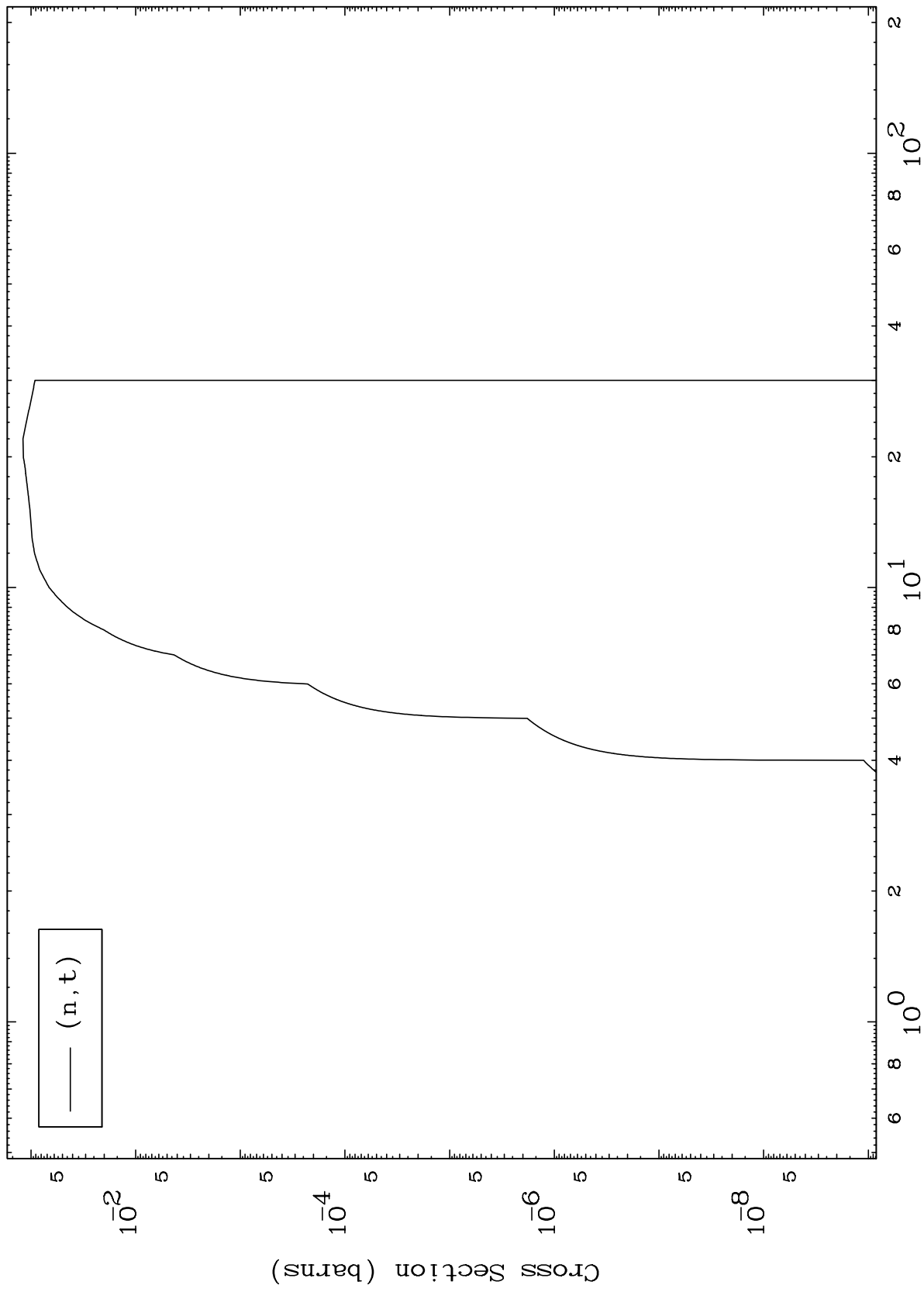
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

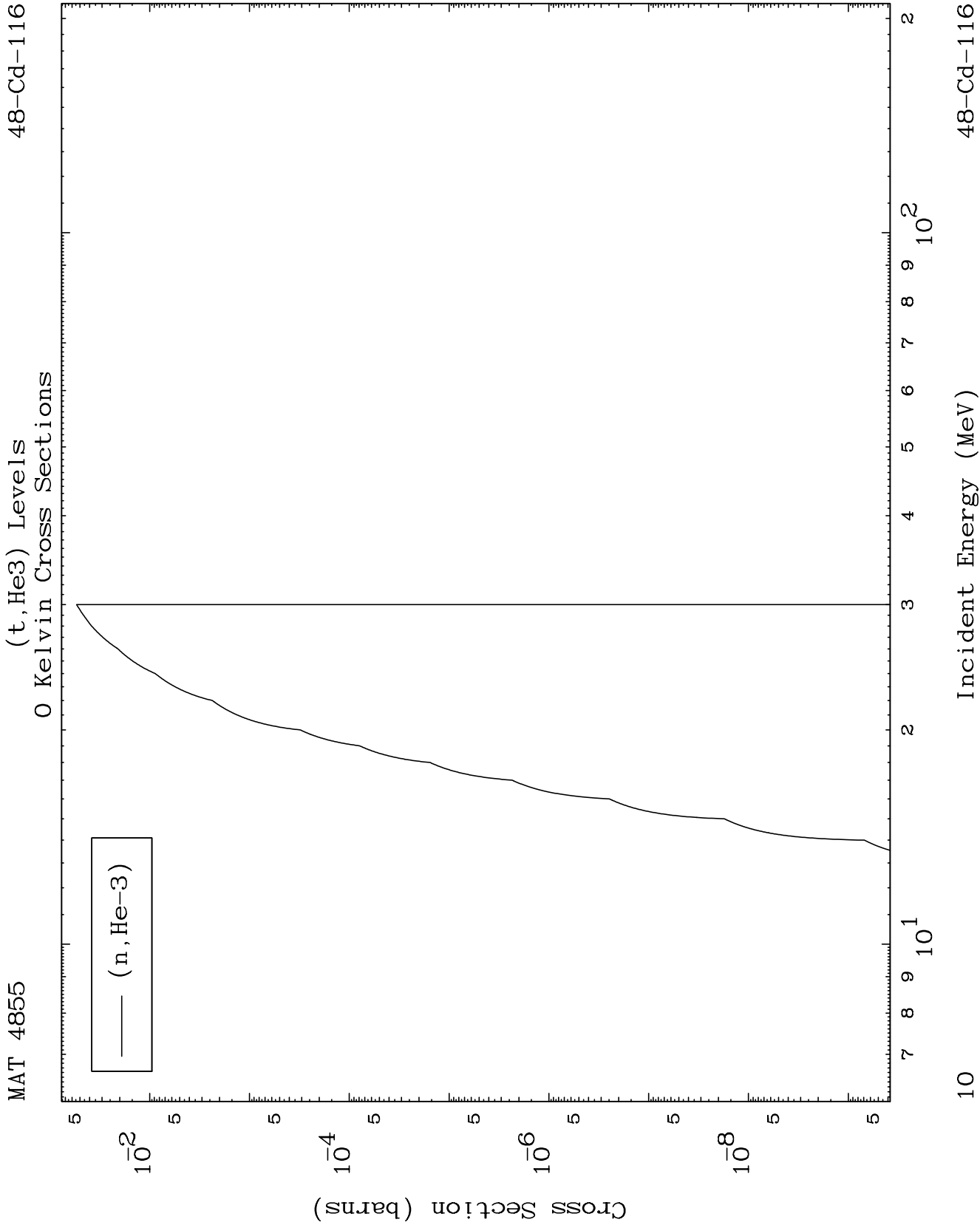
(t,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

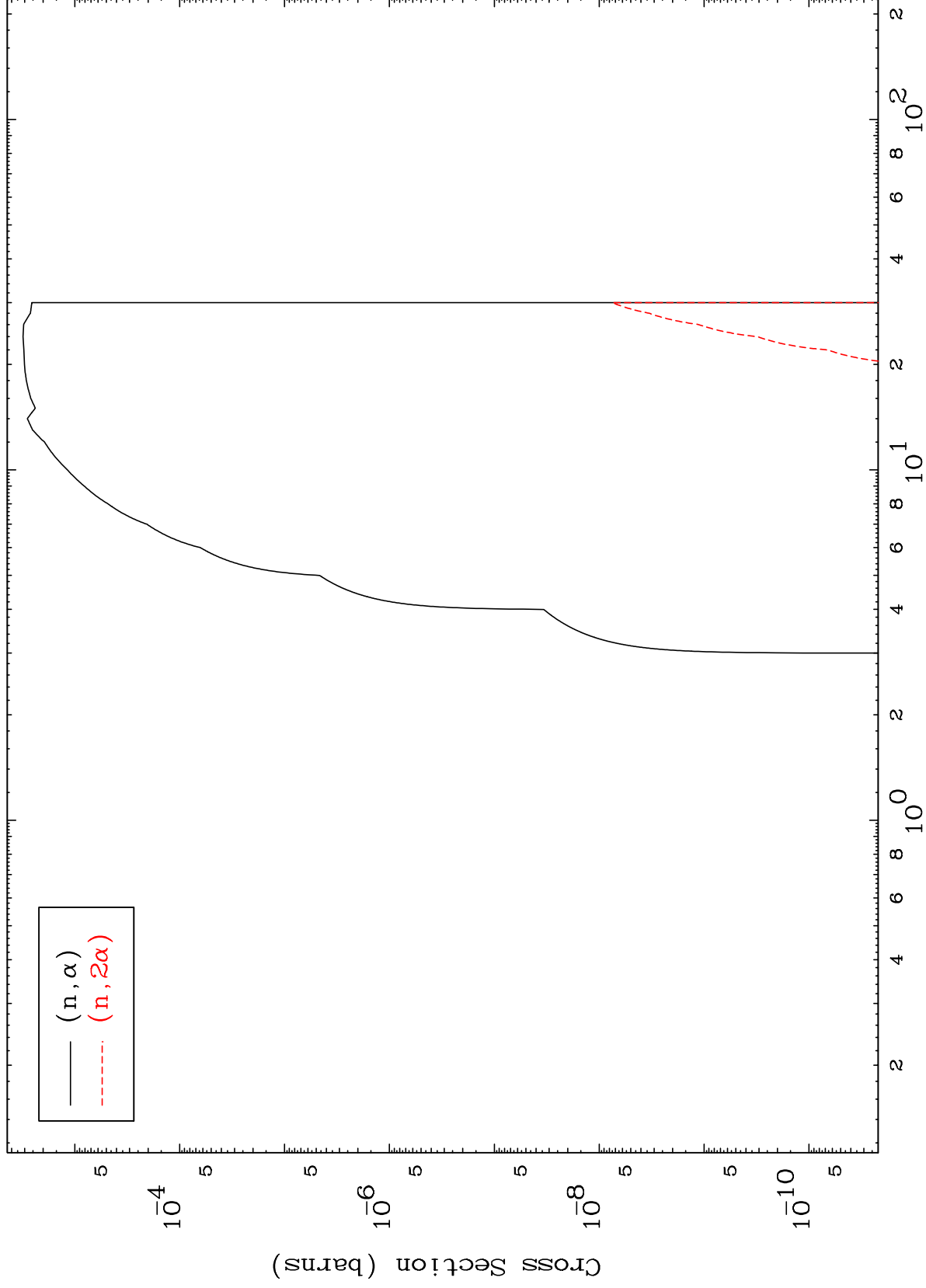
48-Cd-116



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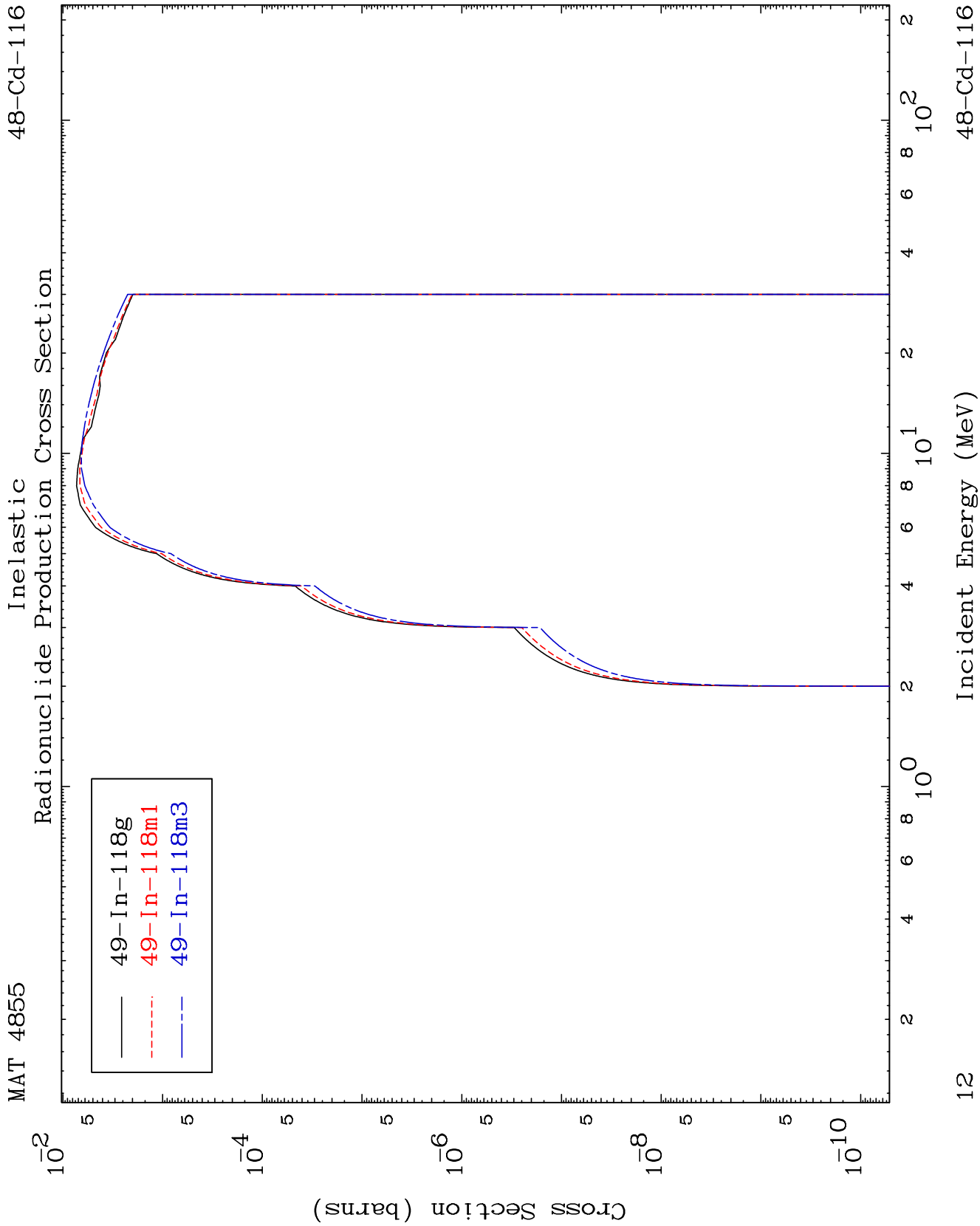
48-Cd-116

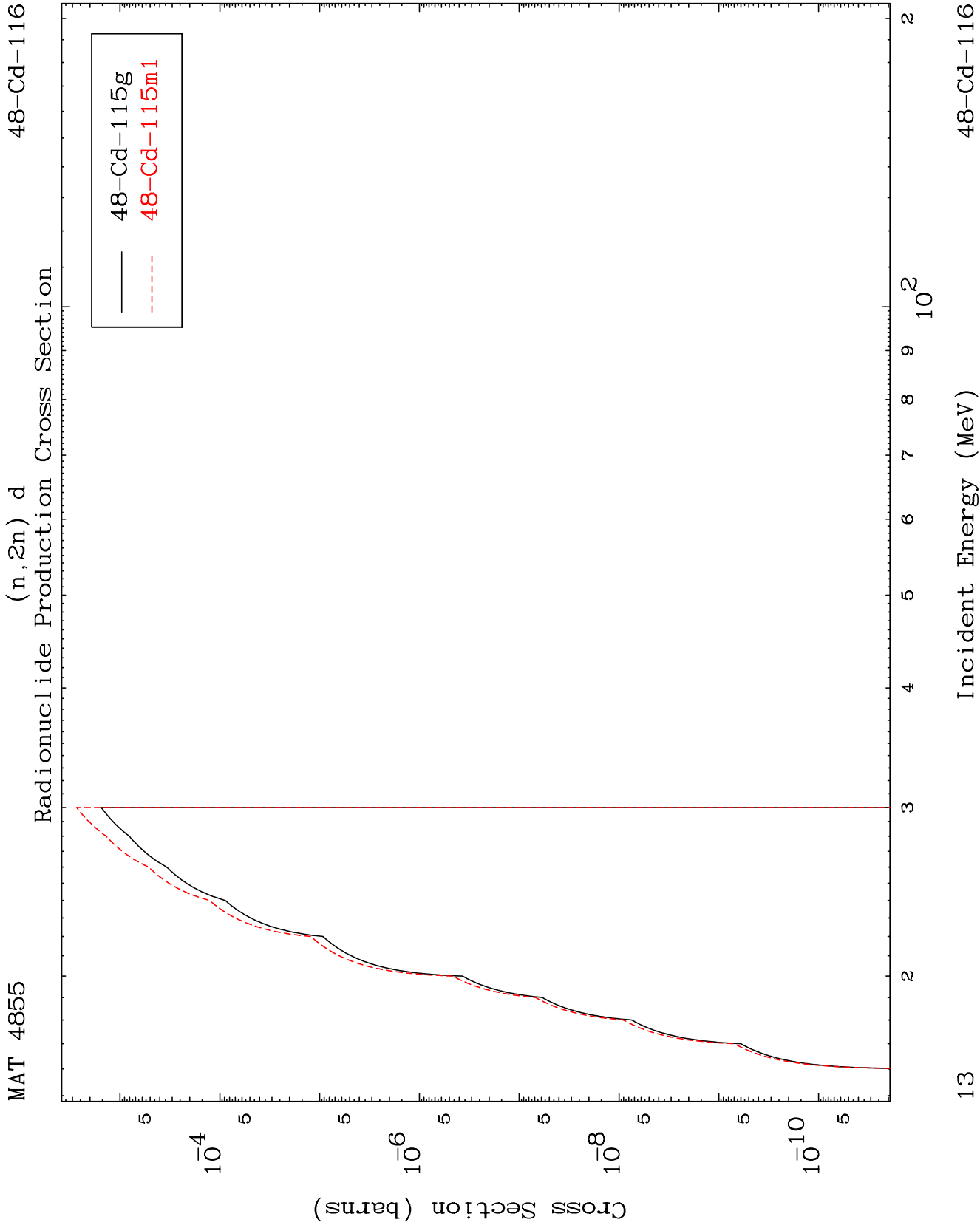
(t, α) Levels
0 Kelvin Cross Sections

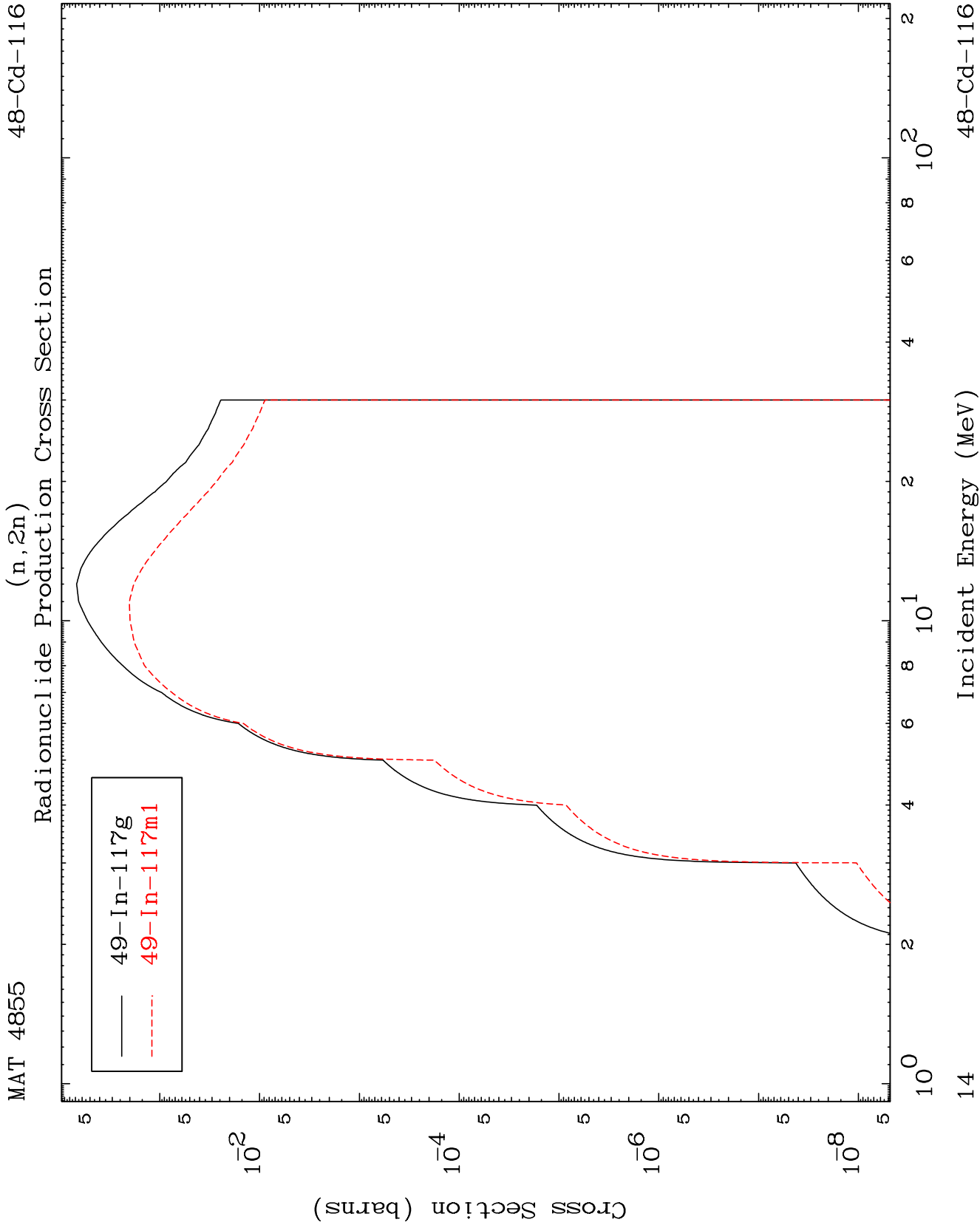


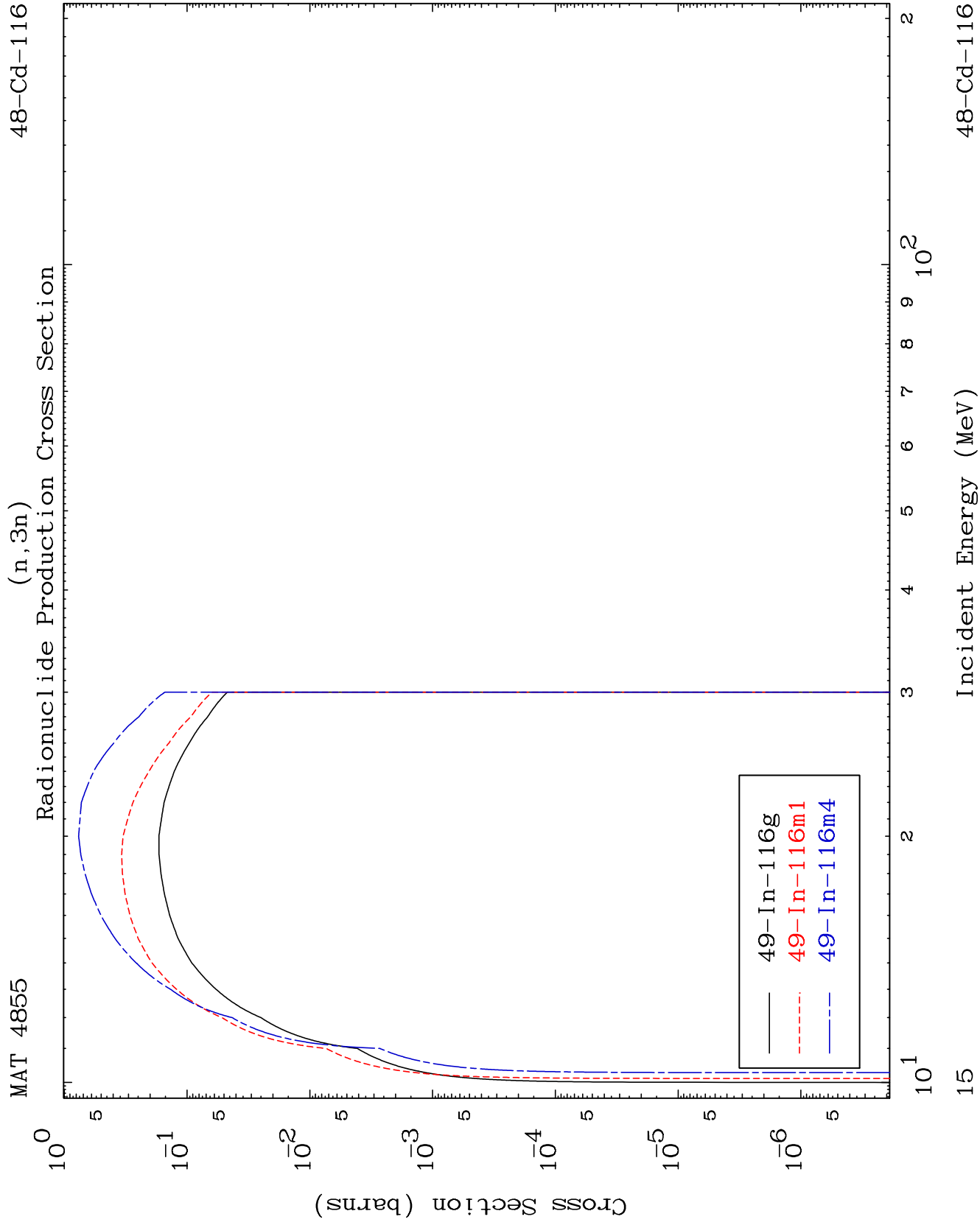
11

48-Cd-116







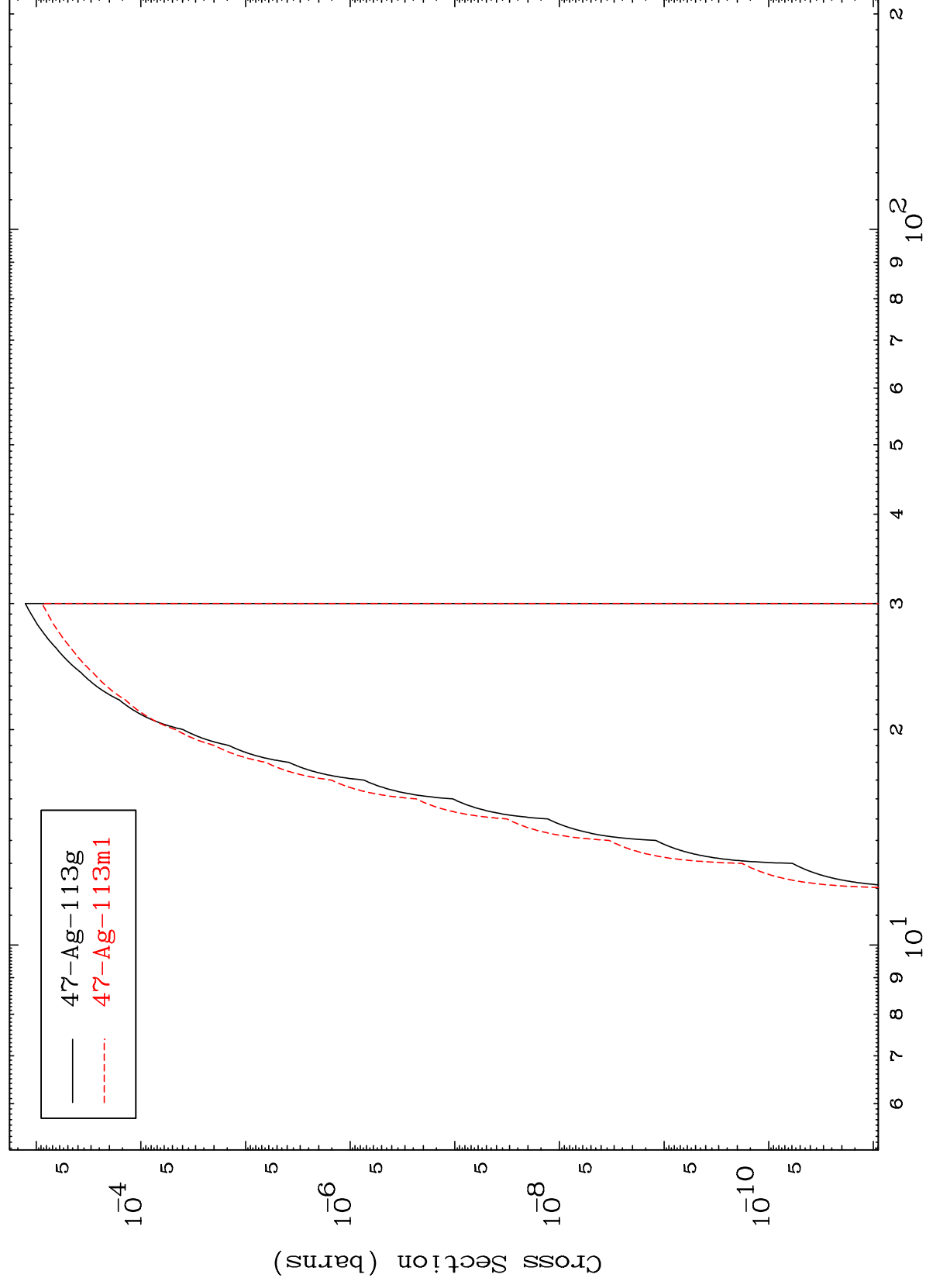


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$$(n, 2n) \propto$$

48-Cd-116

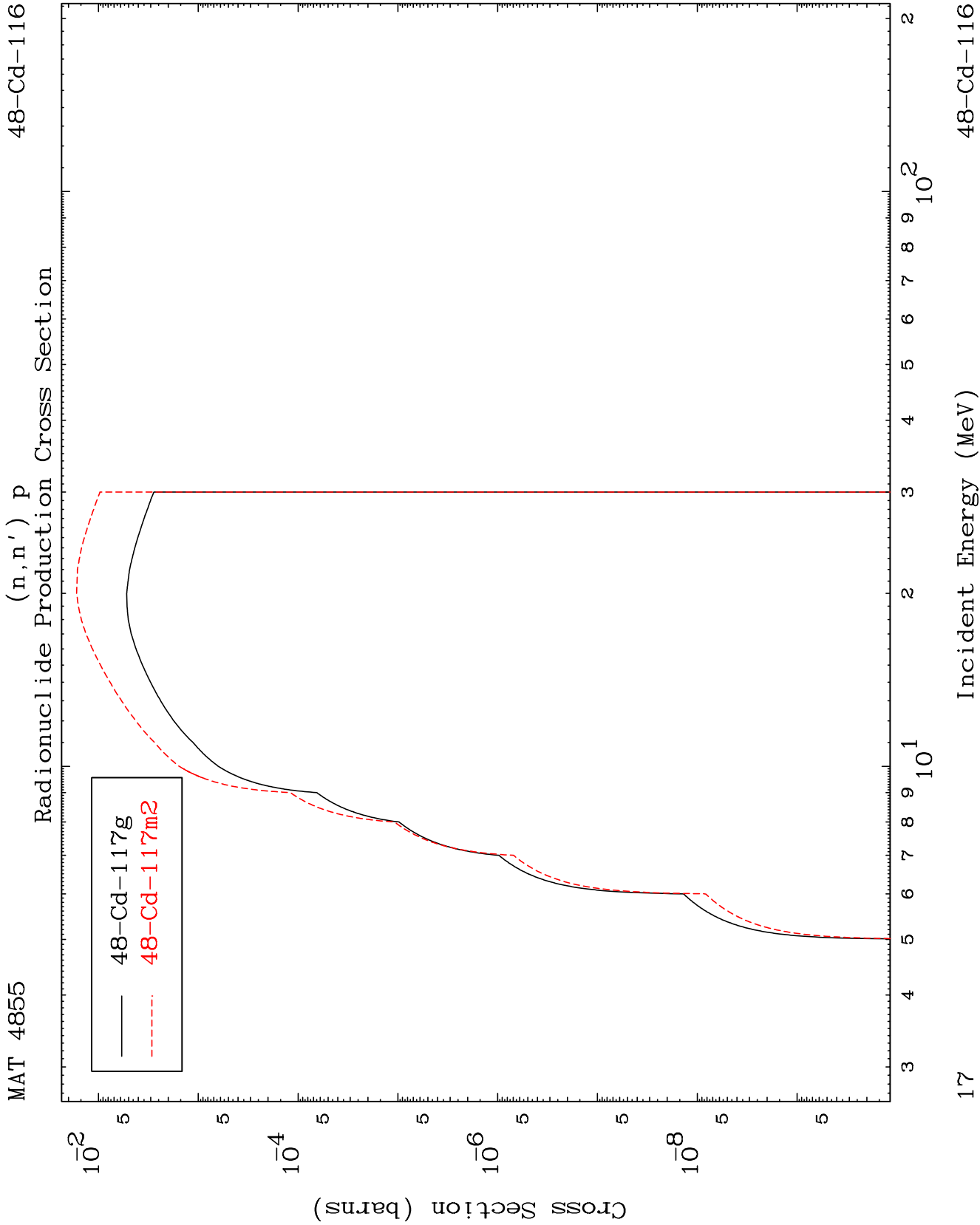
Radionuclide Production Cross Section

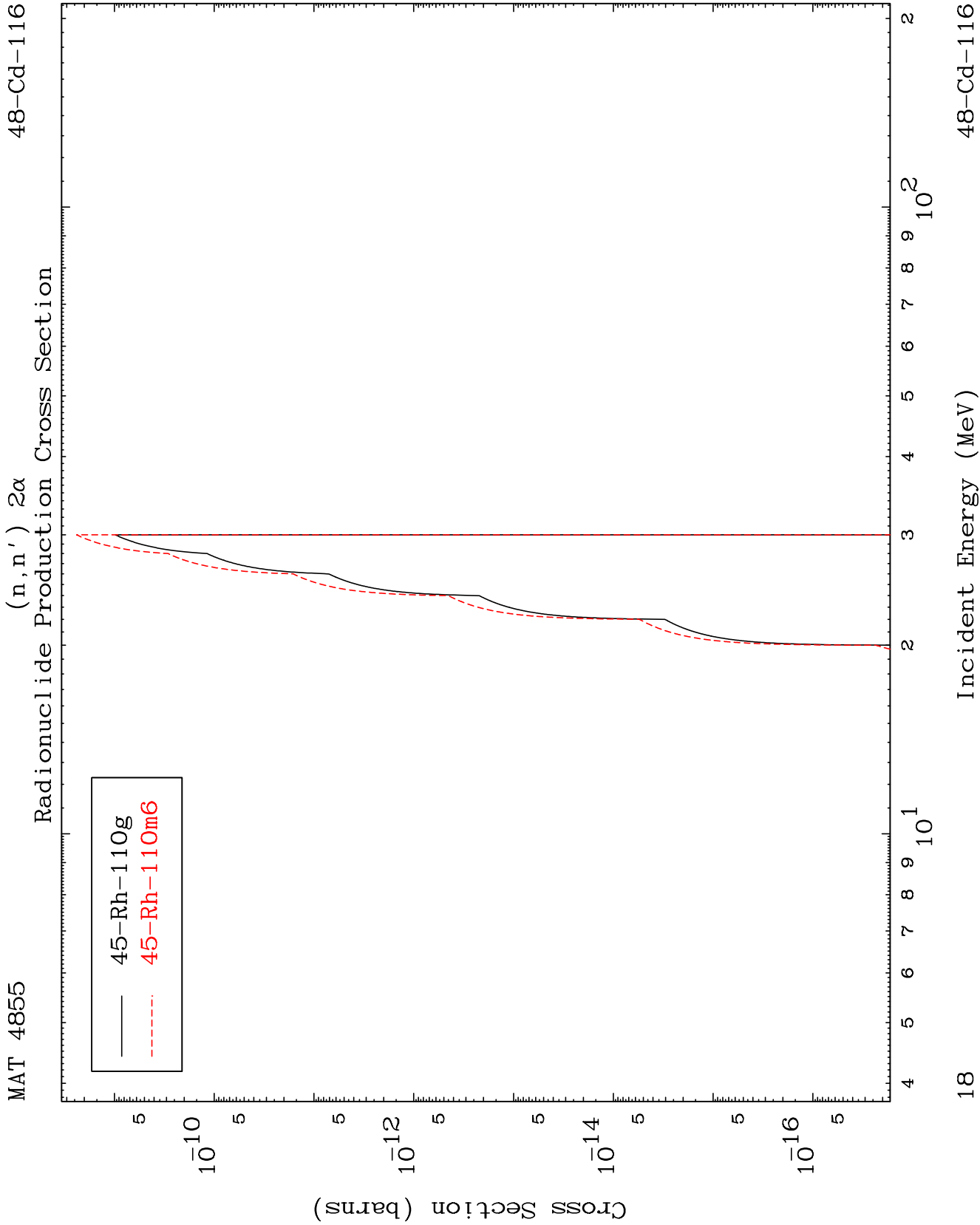


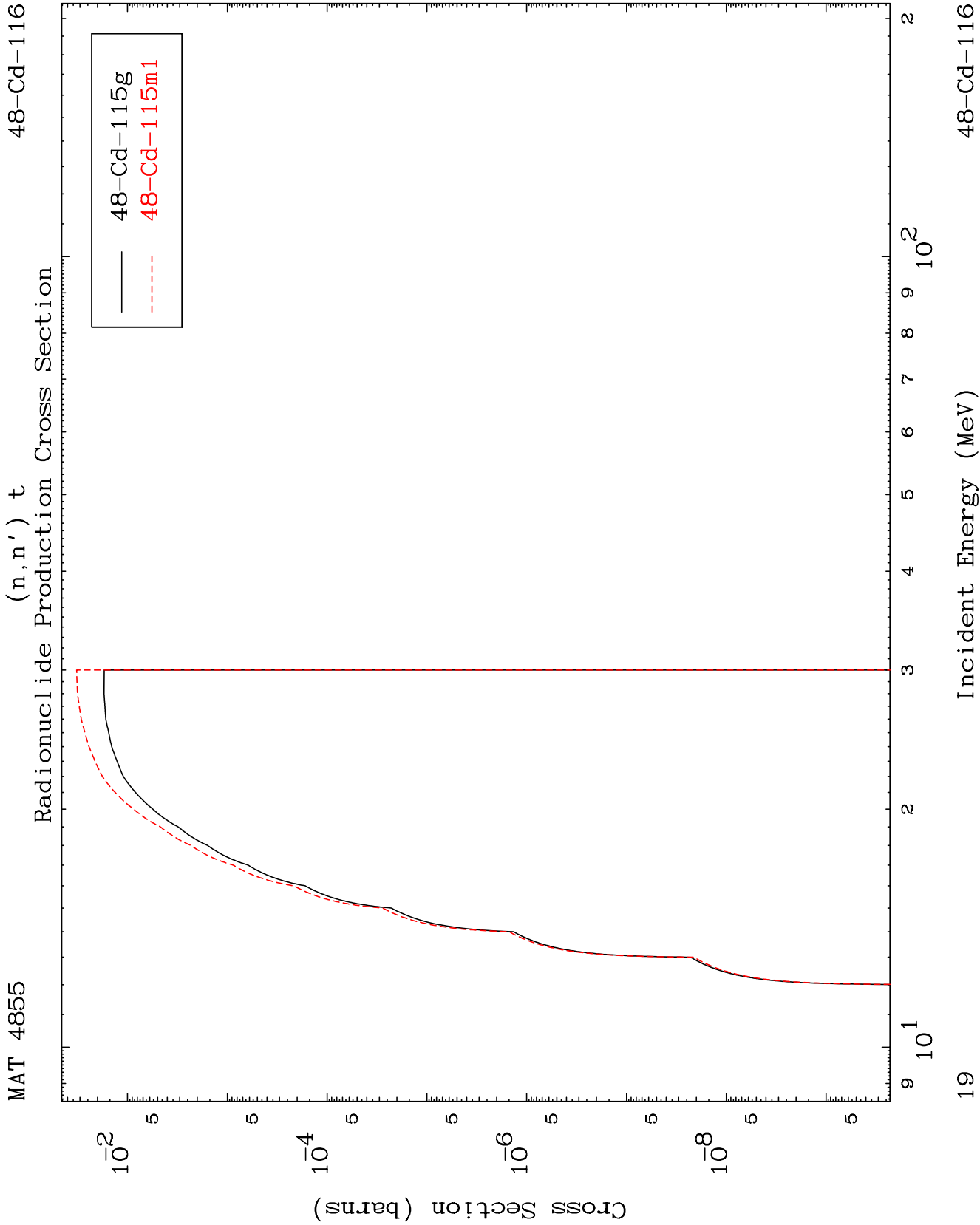
16

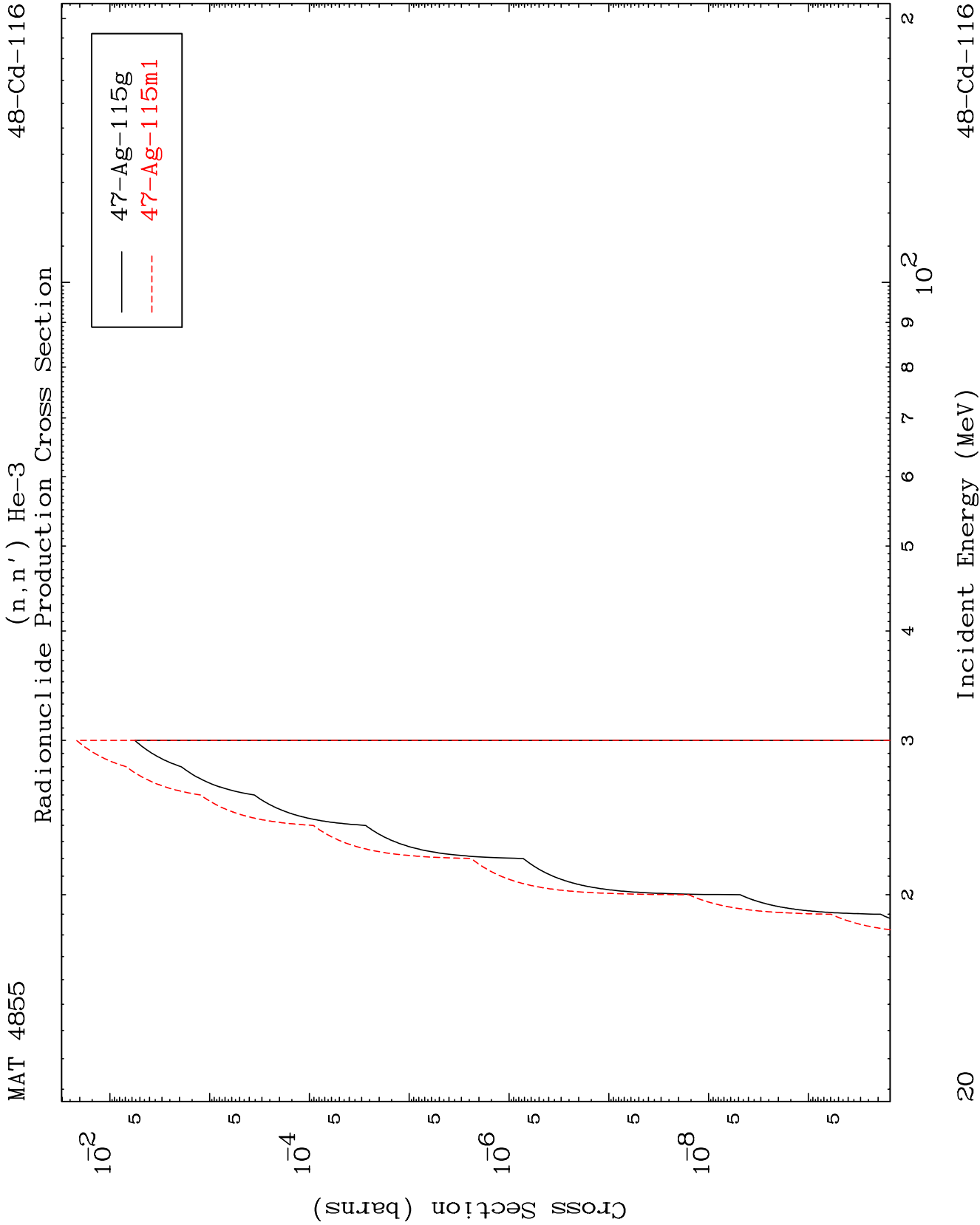
Incident Energy (MeV)

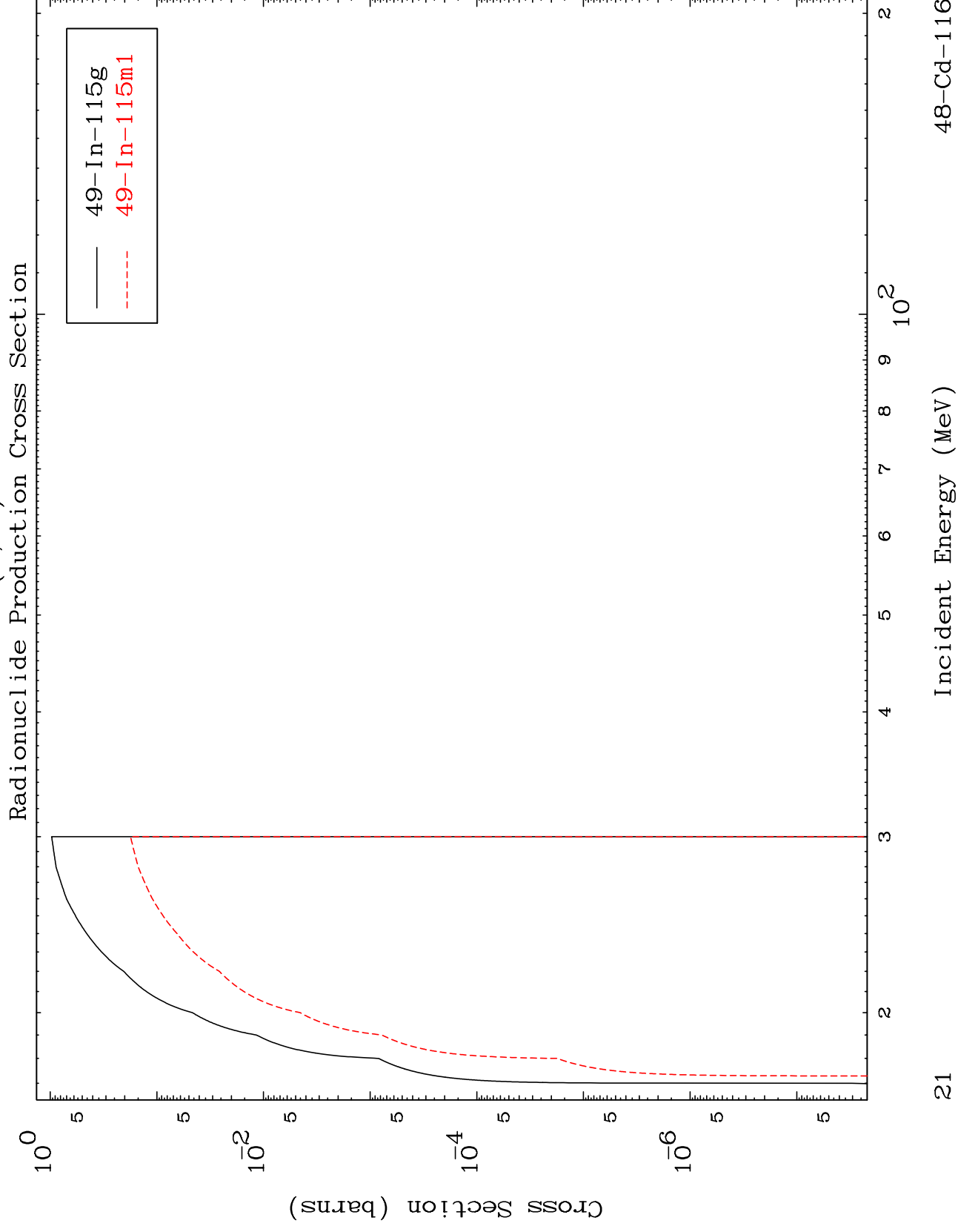
48-Cd-116

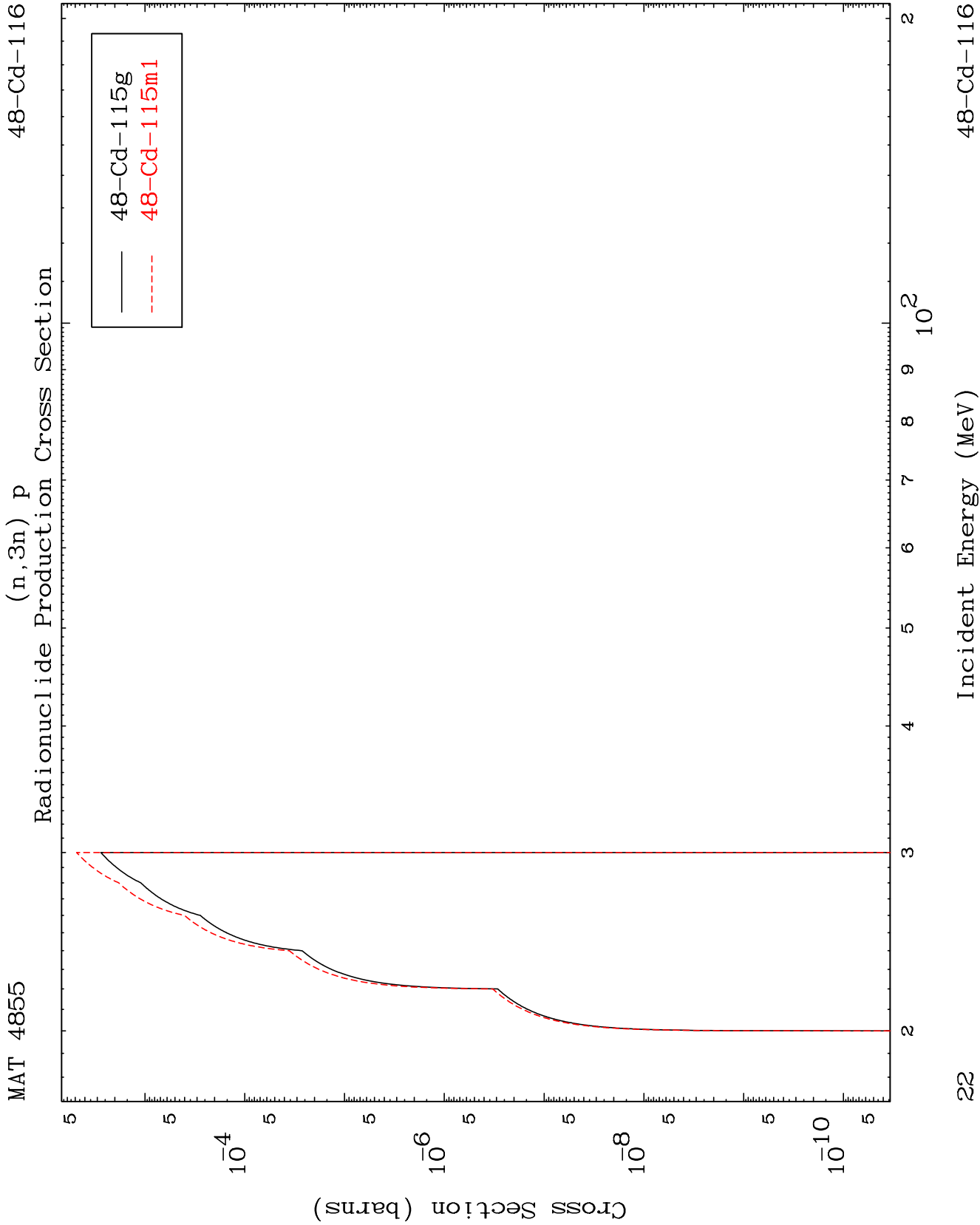


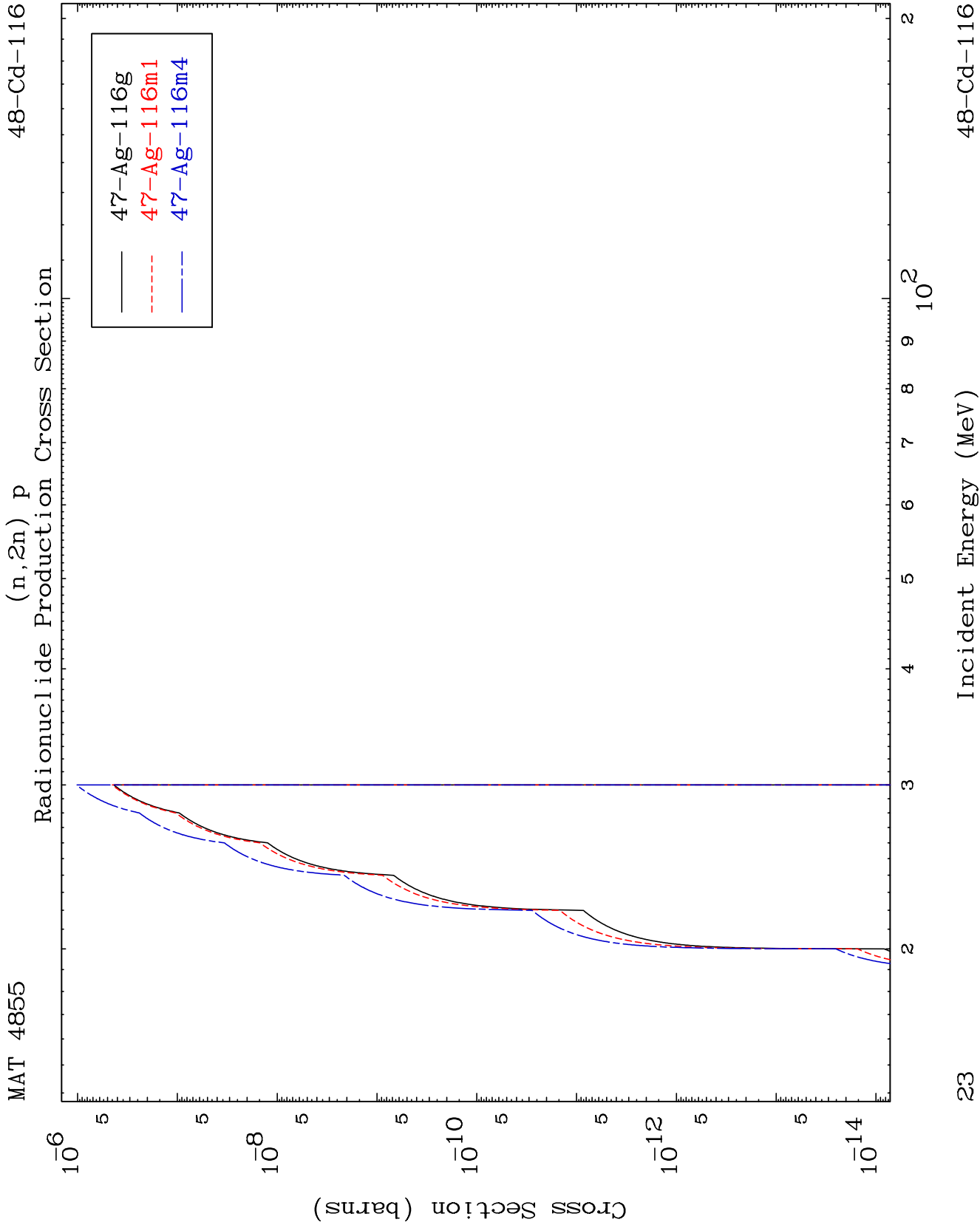


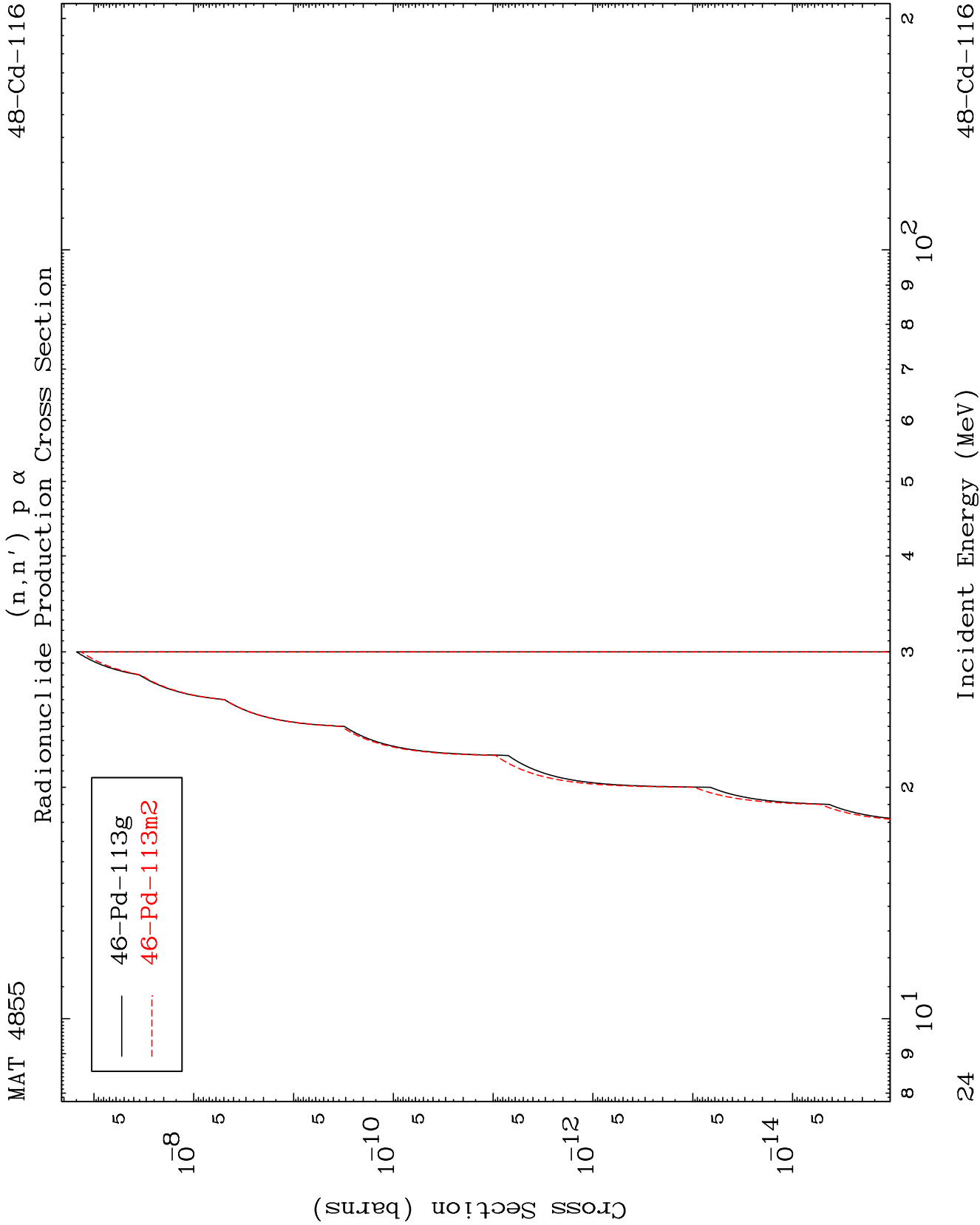








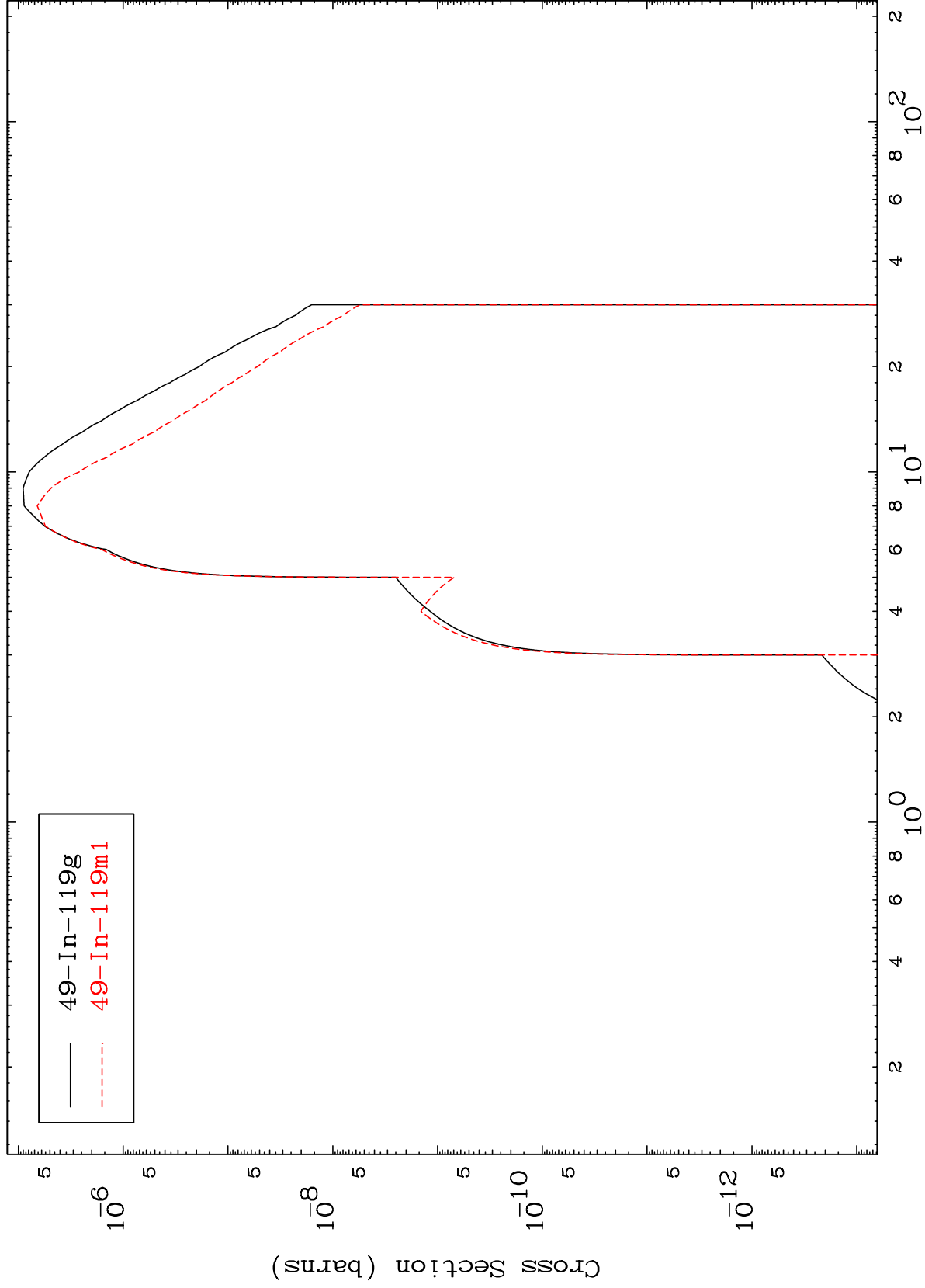




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48-Cd-116

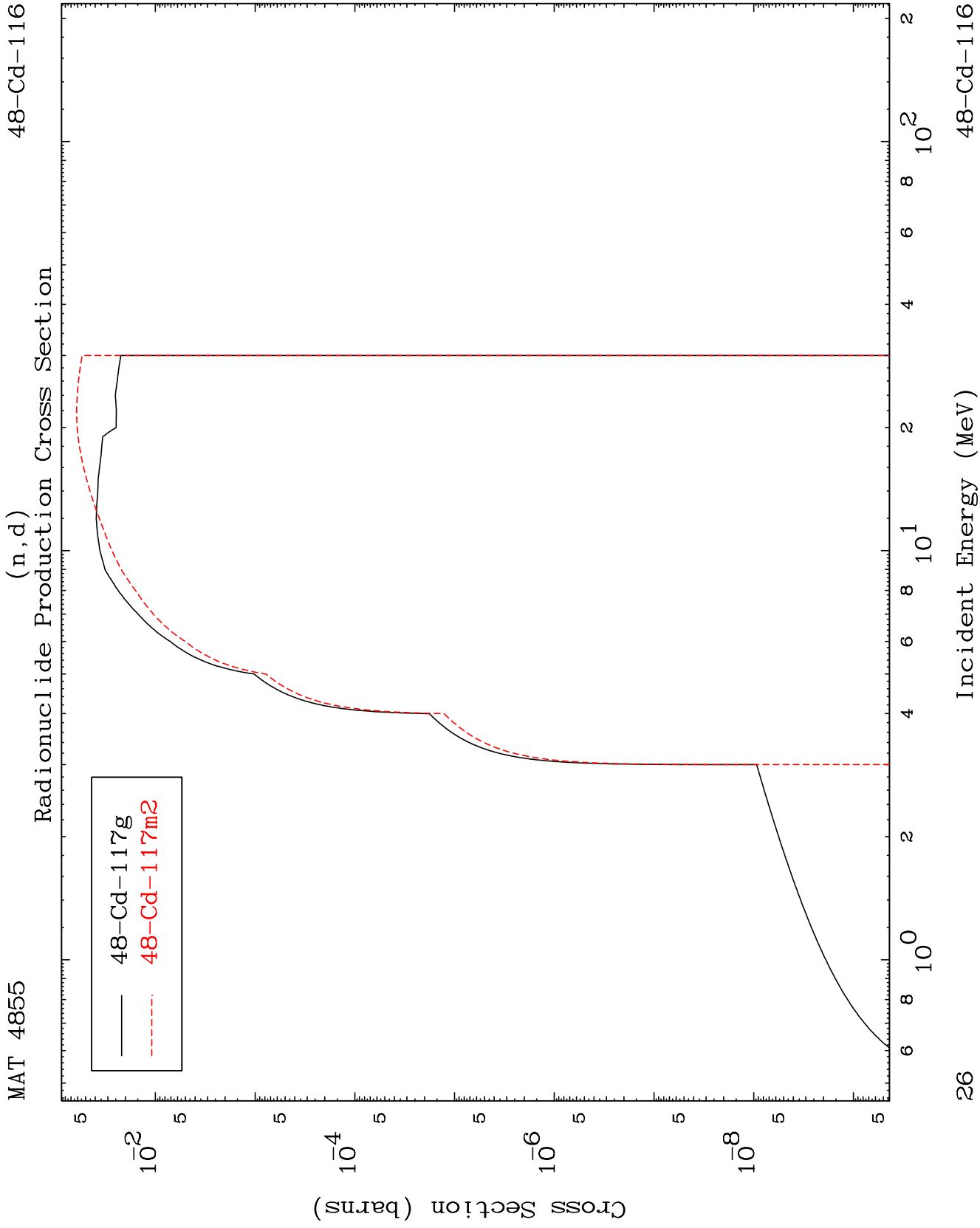
(n, γ)
Radionuclide Production Cross Section

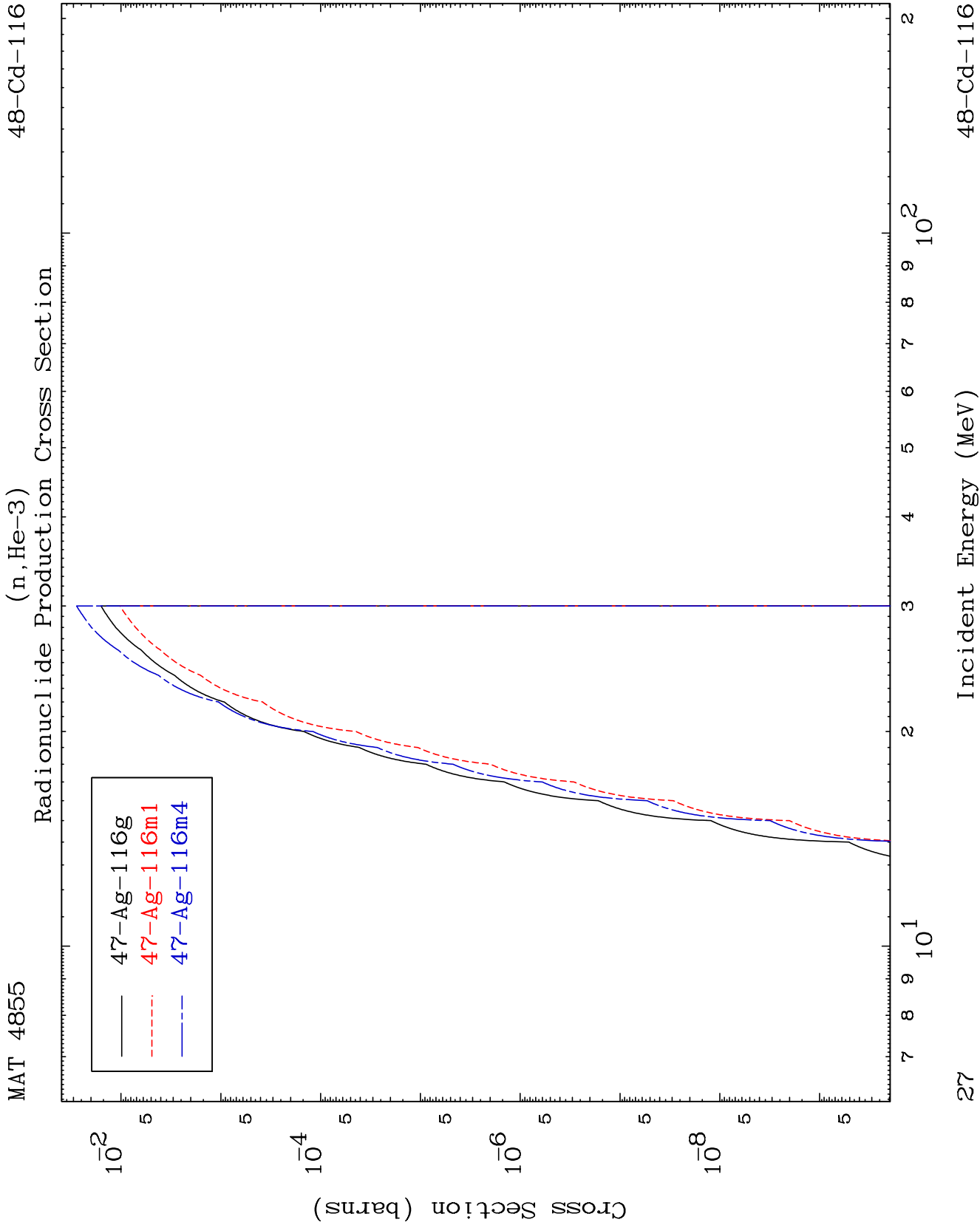


25

Incident Energy (MeV)

48-Cd-116

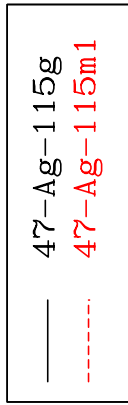




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48-Cd-116

Radionuclide Production Cross Section



Cross Section (barns)

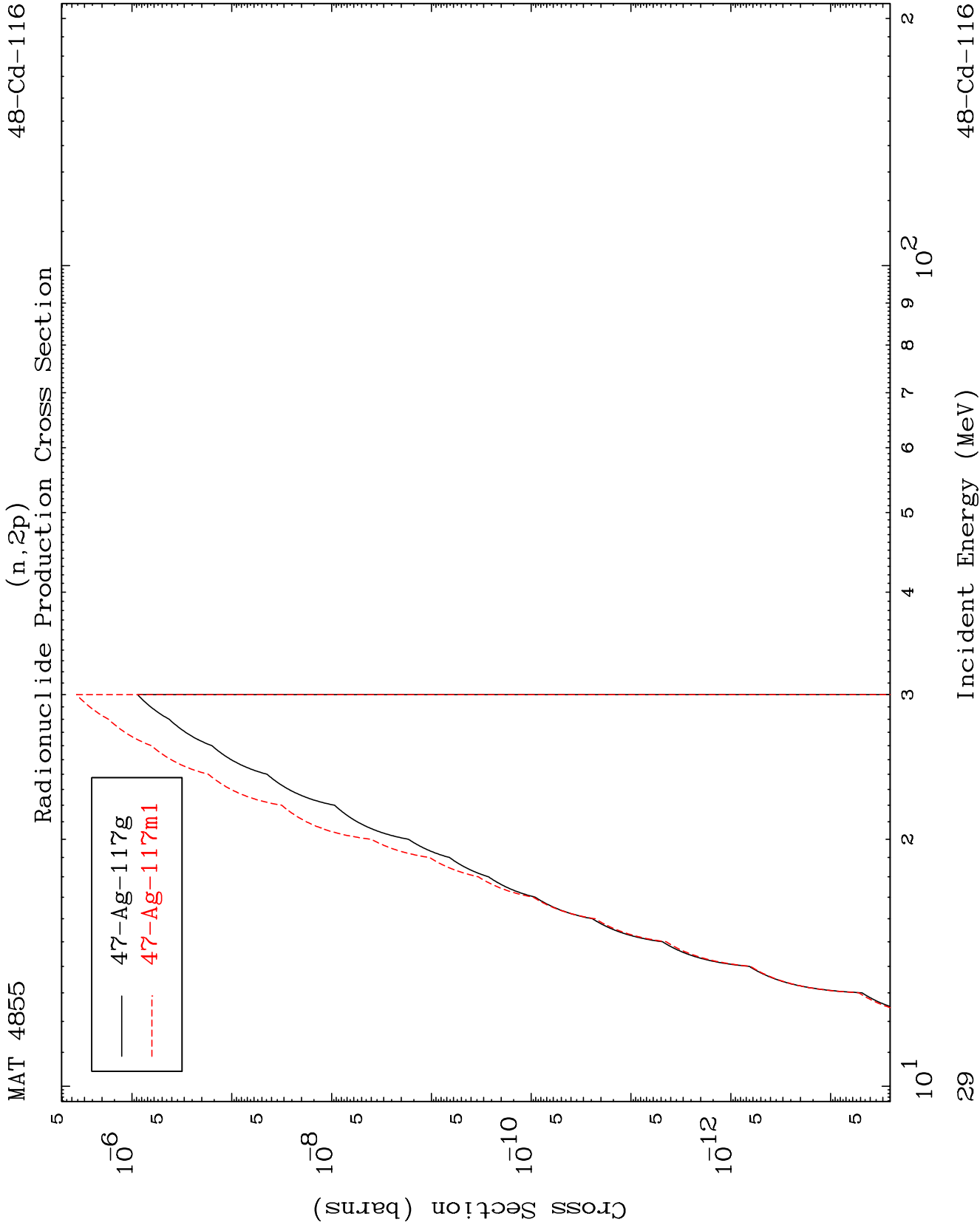
10^{-4}
 10^{-6}
 10^{-8}
 10^{-10}

28

Incident Energy (MeV)

48-Cd-116

2 4 6 8 10² 2

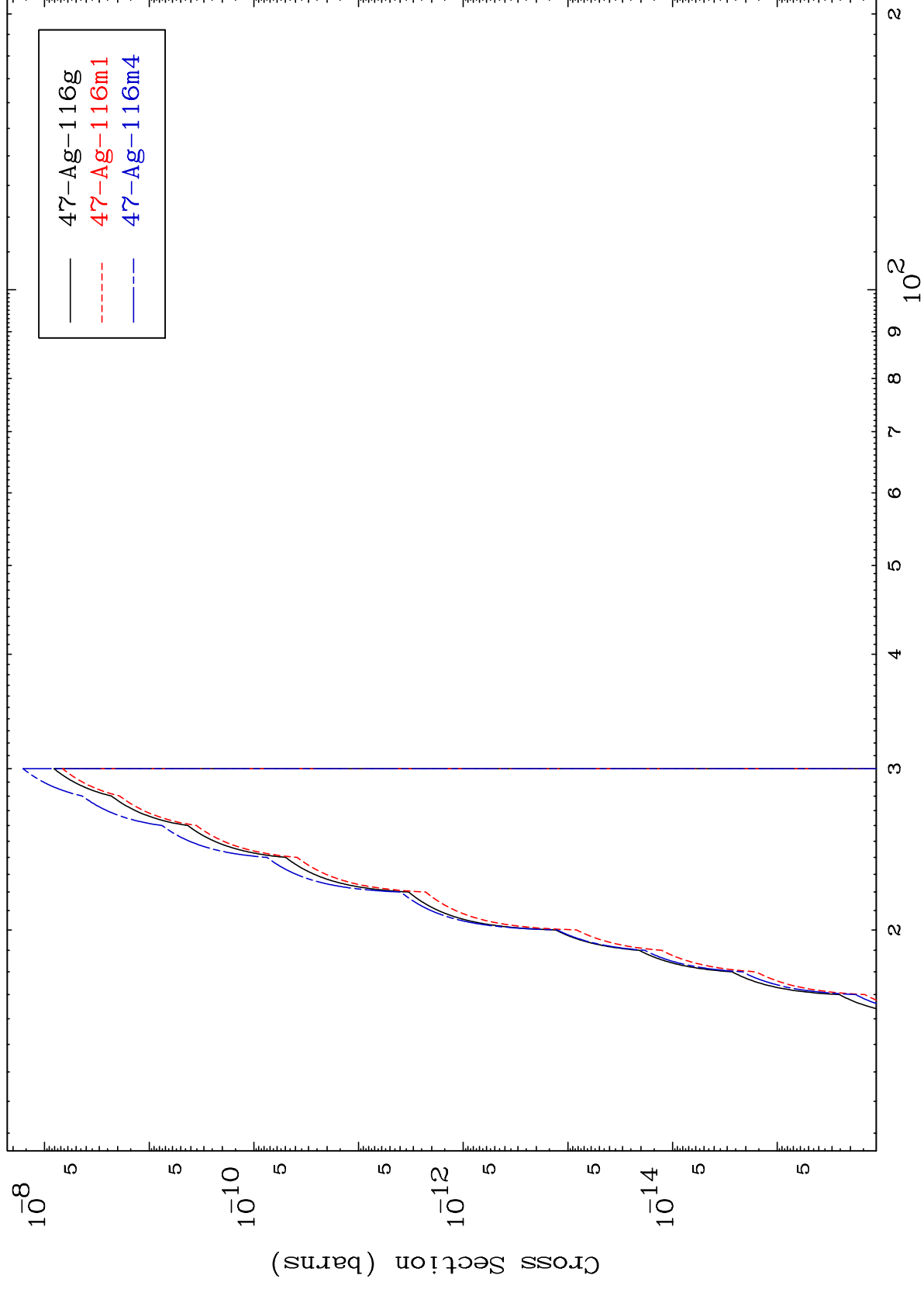


MAT 4855

 (n, p) d

48-Cd-116

Radionuclide Production Cross Section



30

Incident Energy (MeV)

48-Cd-116

