

Program EVALPLOT
(Version 2015-2)

by

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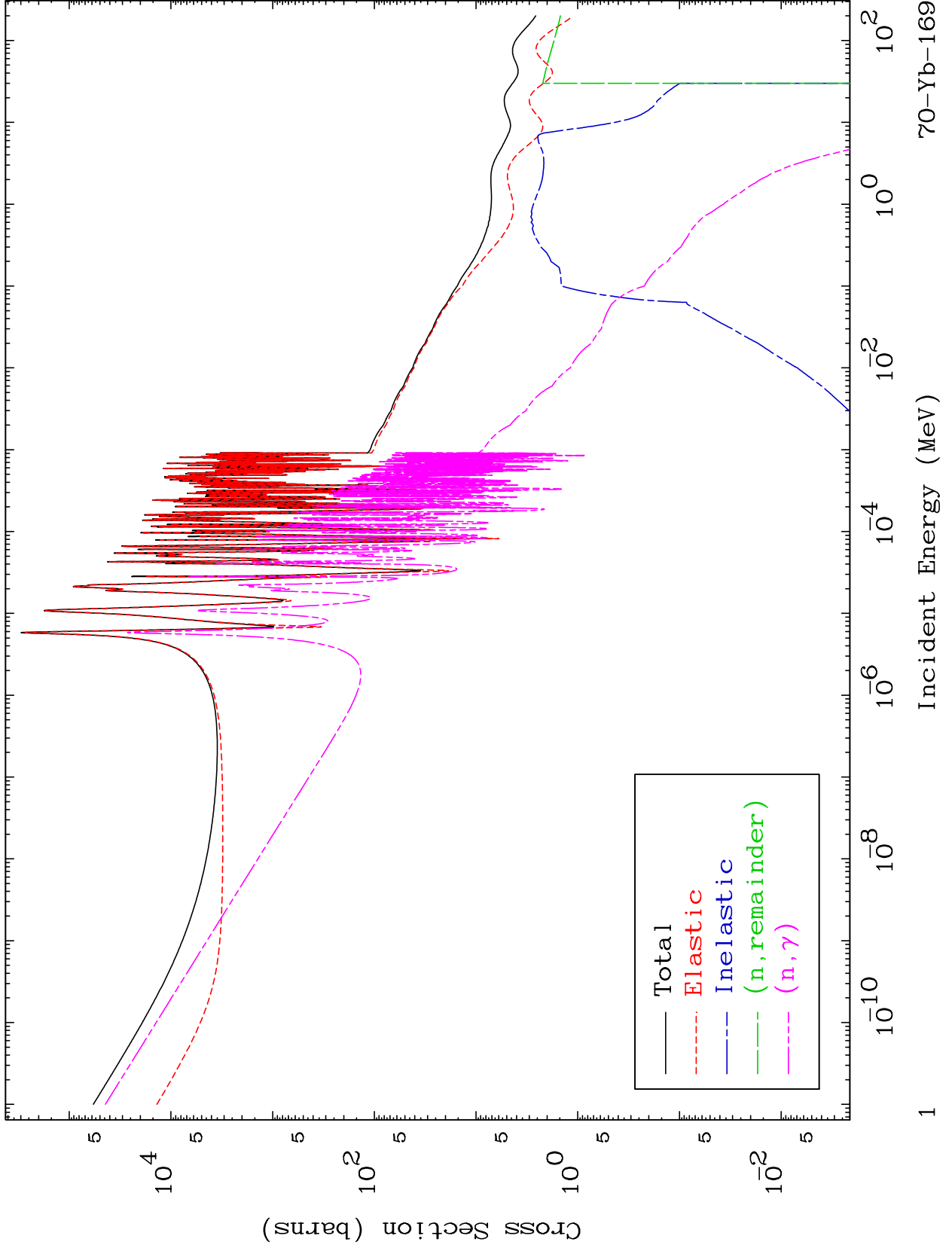
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7029

Major
293 Kelvin Cross Sections

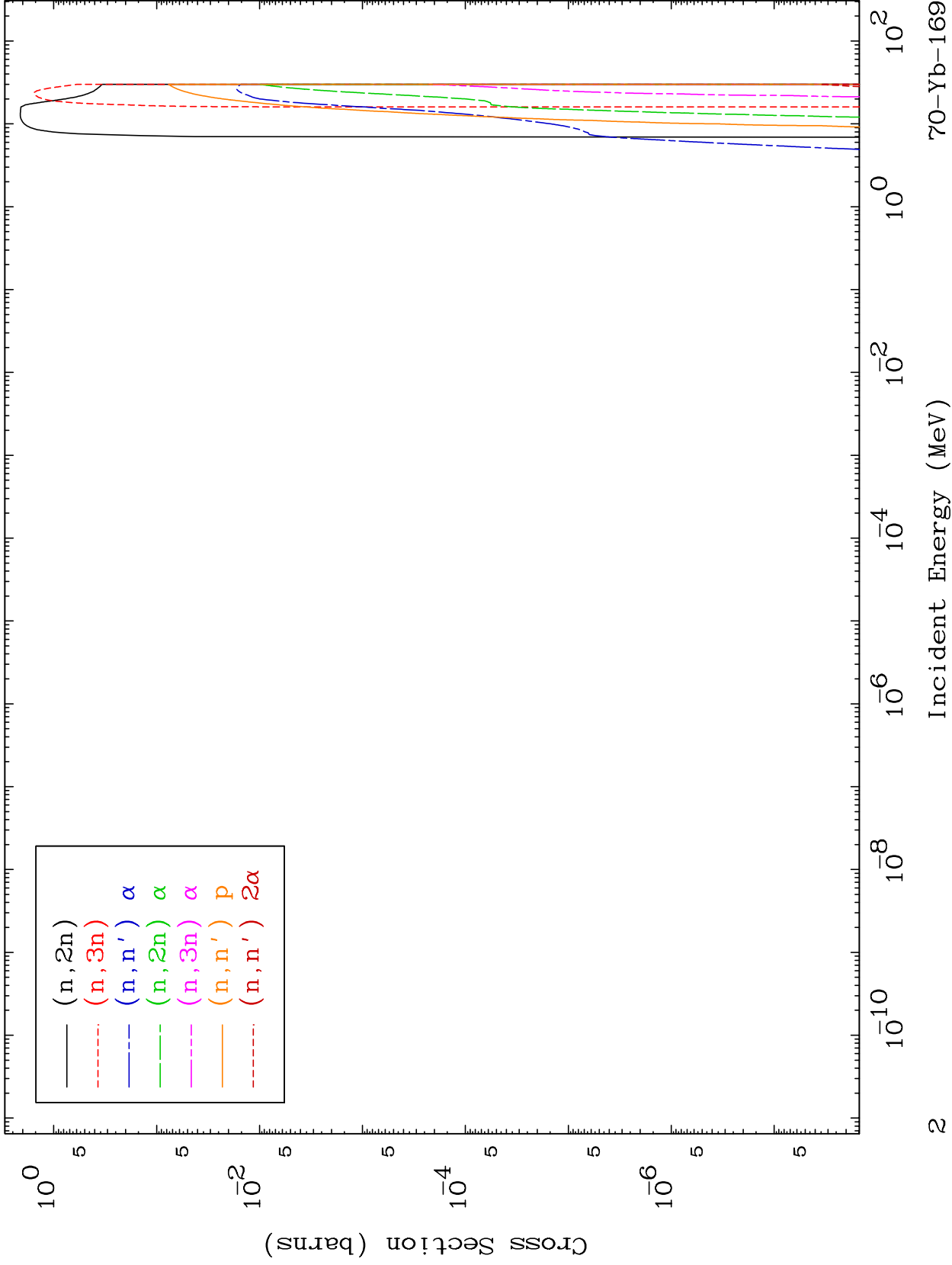
70-Yb-169



MAT 7029

Neutron Production
293 Kelvin Cross Sections

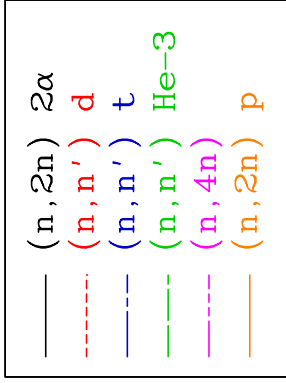
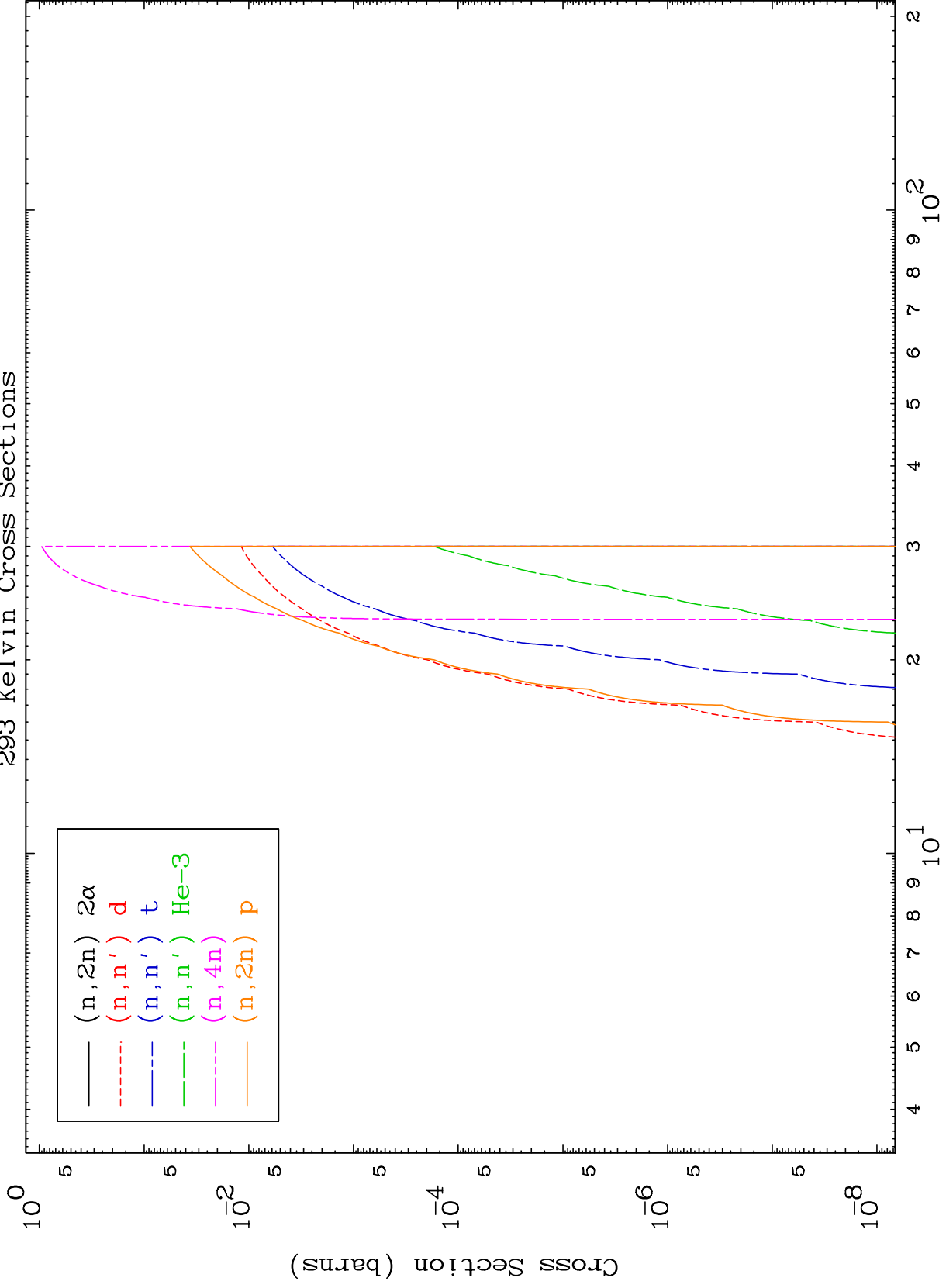
70-Yb-169



MAT 7029

Neutron Production
293 Kelvin Cross Sections

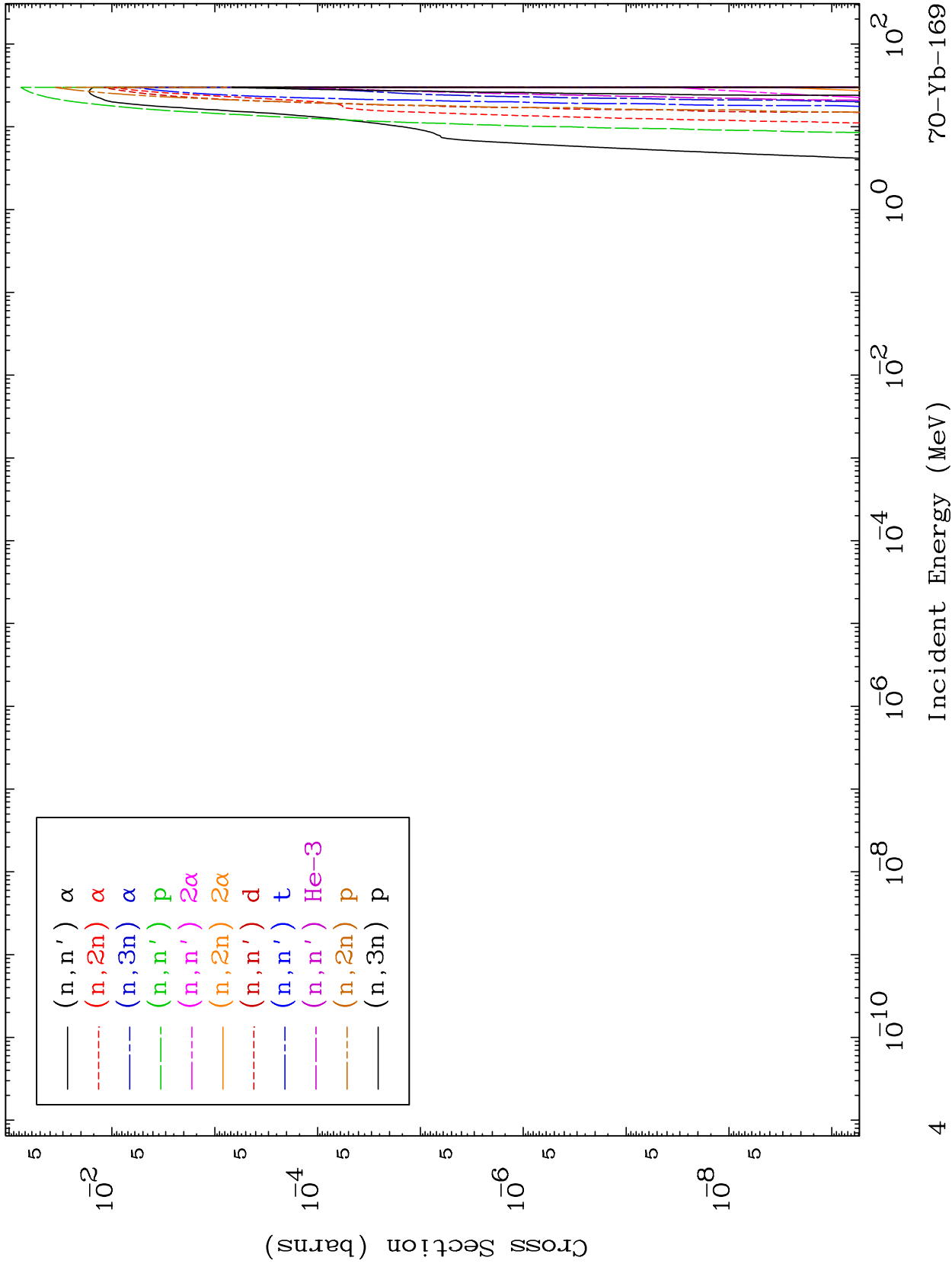
70-Yb-169



MAT 7029

Charged Particle
293 Kelvin Cross Sections

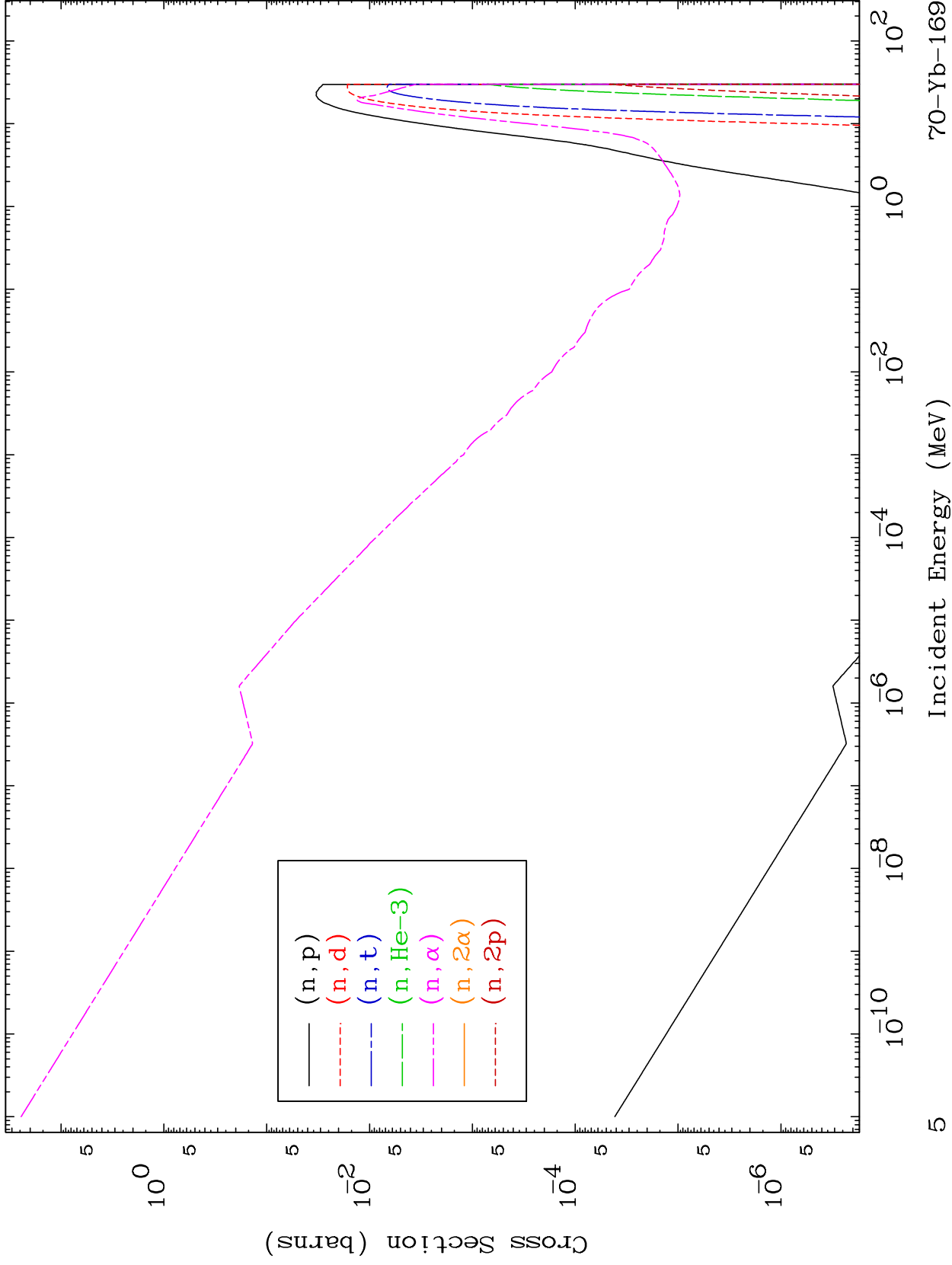
70-Yb-169



MAT 7029

Charged Particle
293 Kelvin Cross Sections

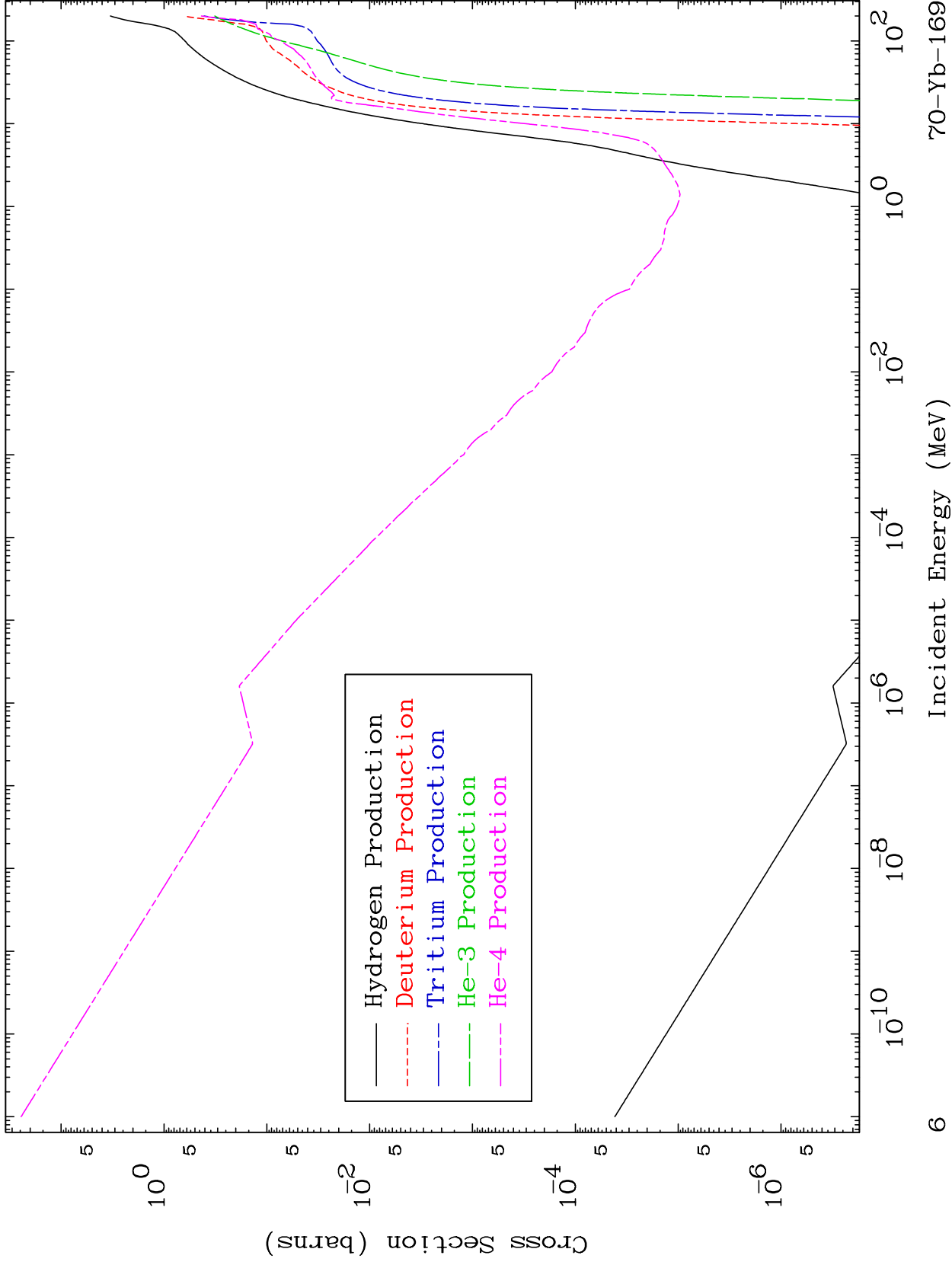
70-Yb-169



MAT 7029

Particle Production
293 Kelvin Cross Sections

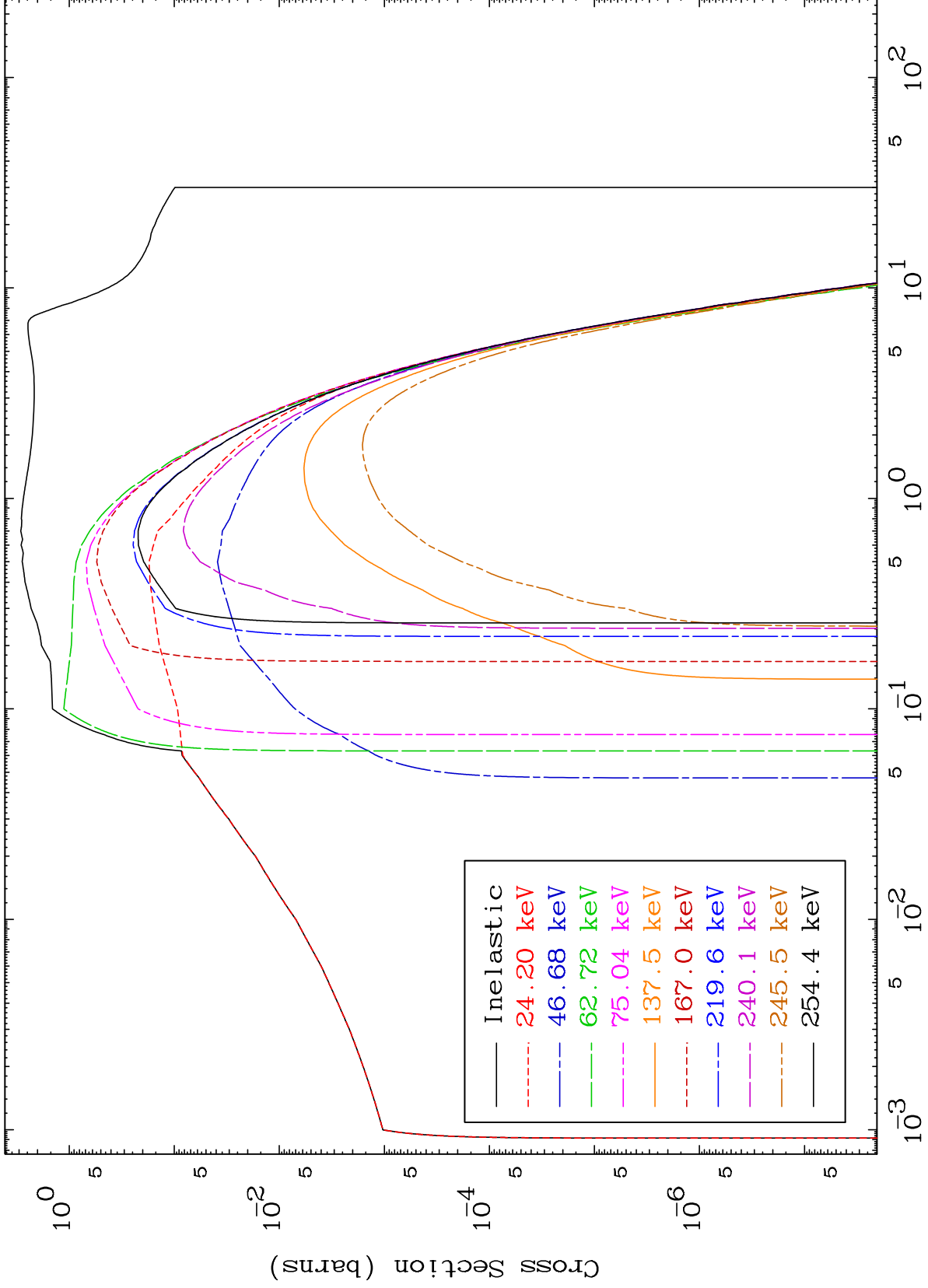
70-Yb-169



MAT 7029

(n,n') Level
293 Kelvin Cross Sections

70-Yb-169



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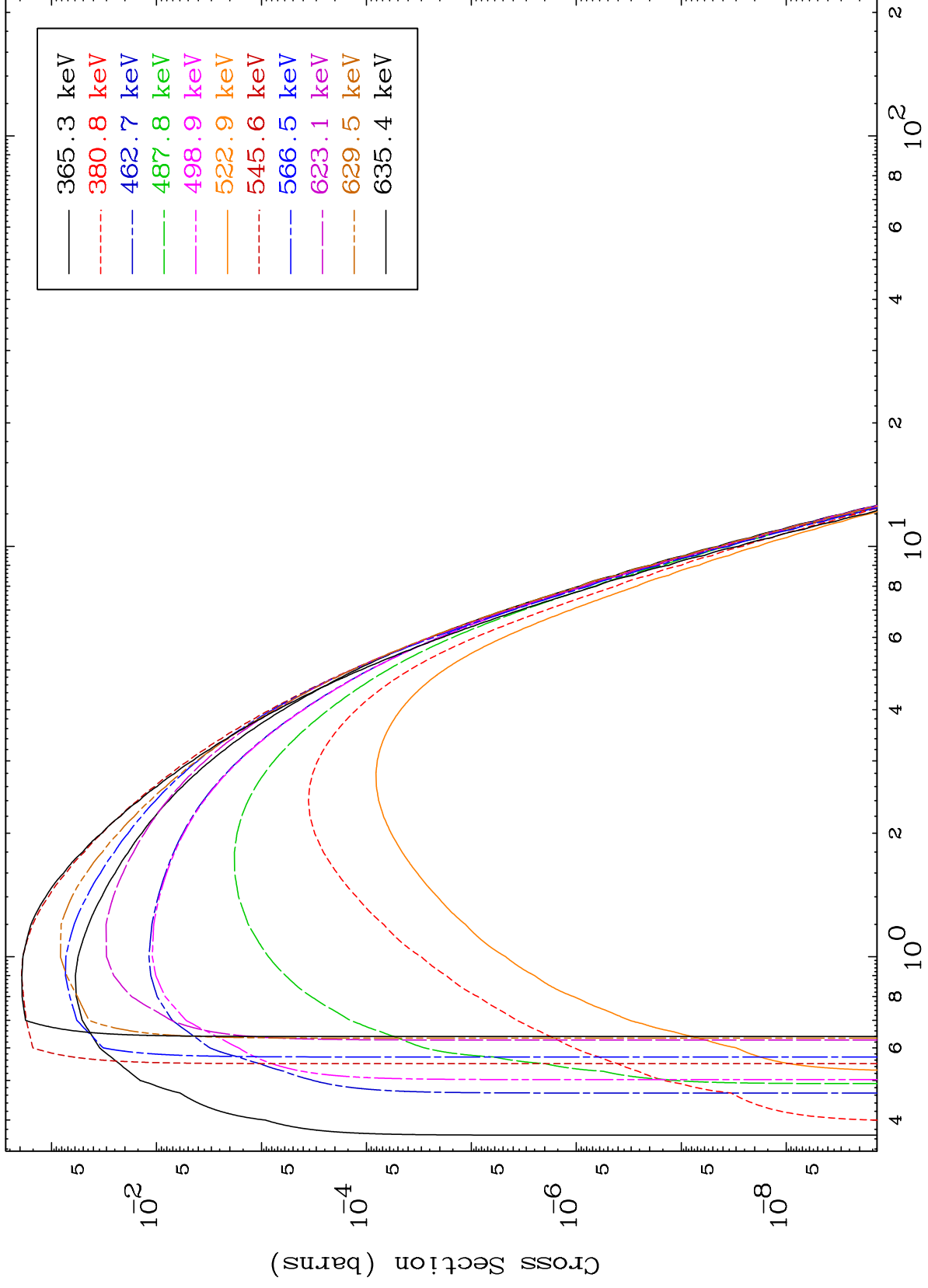
Incident Energy (MeV)

70-Yb-169

MAT 70299

(n,n') Level
293 Kelvin Cross Sections

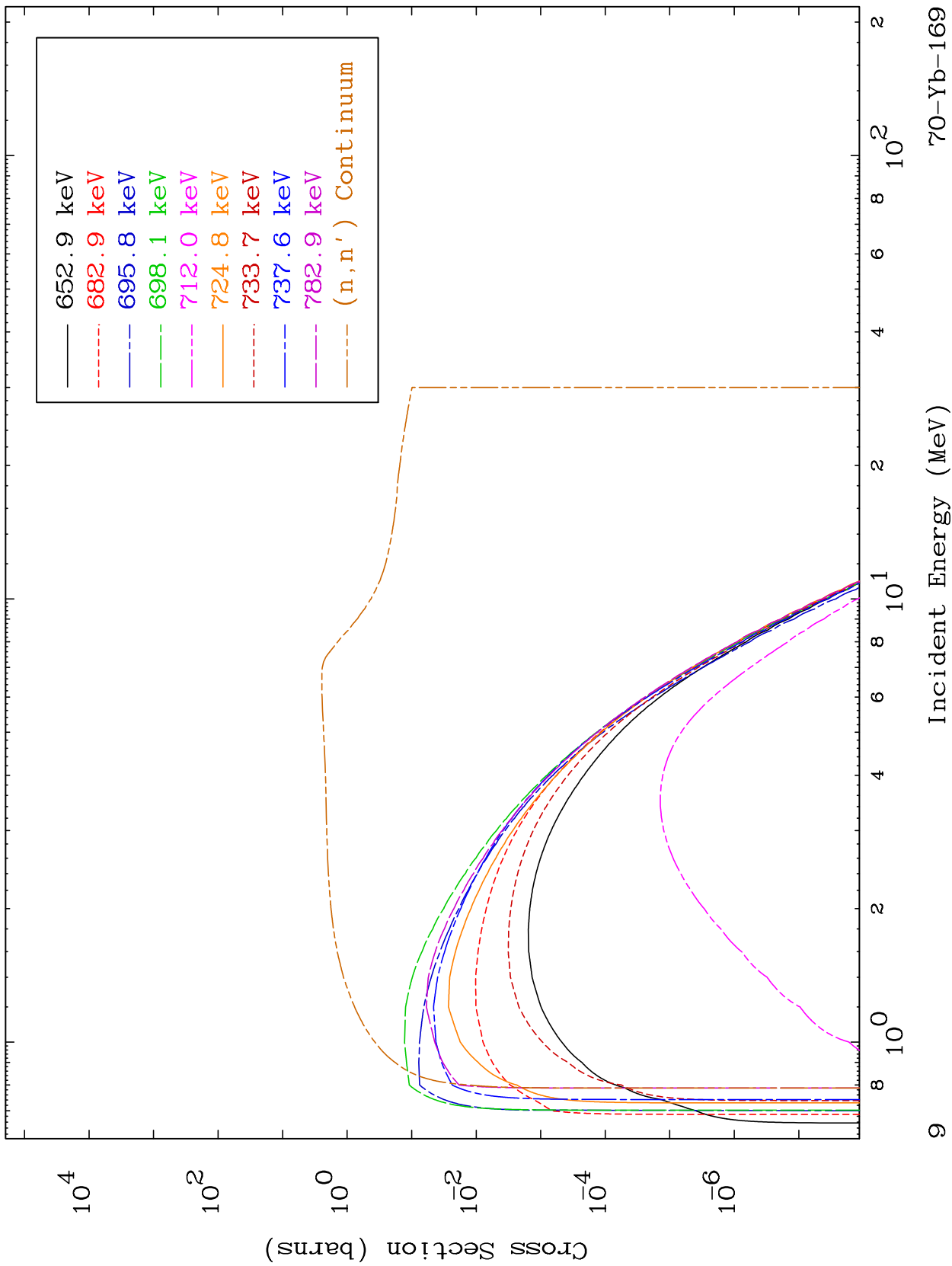
70-Yb-169



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Incident Energy (MeV)

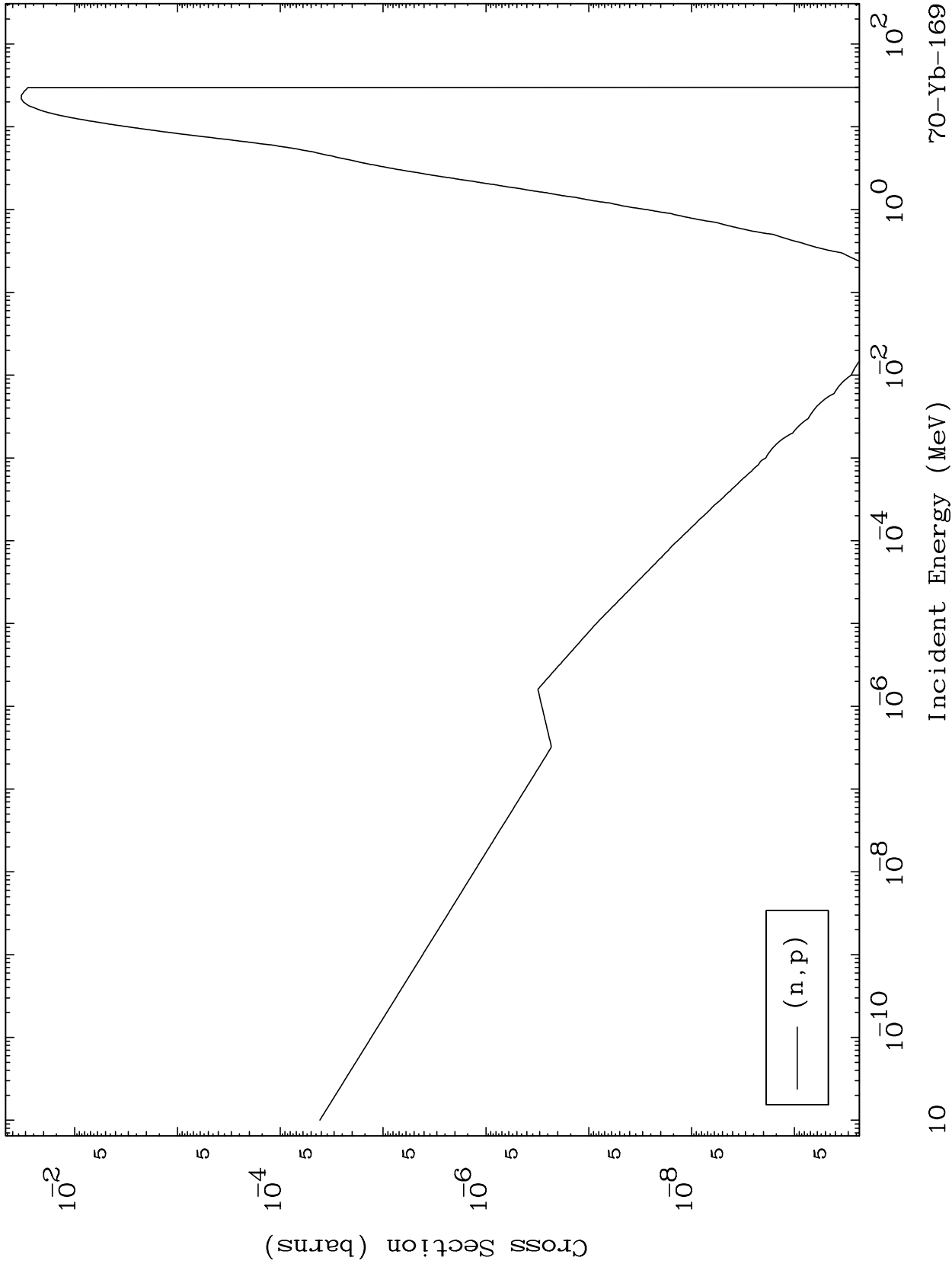
70-Yb-169



MAT 7029

(n,p) Levels
293 Kelvin Cross Sections

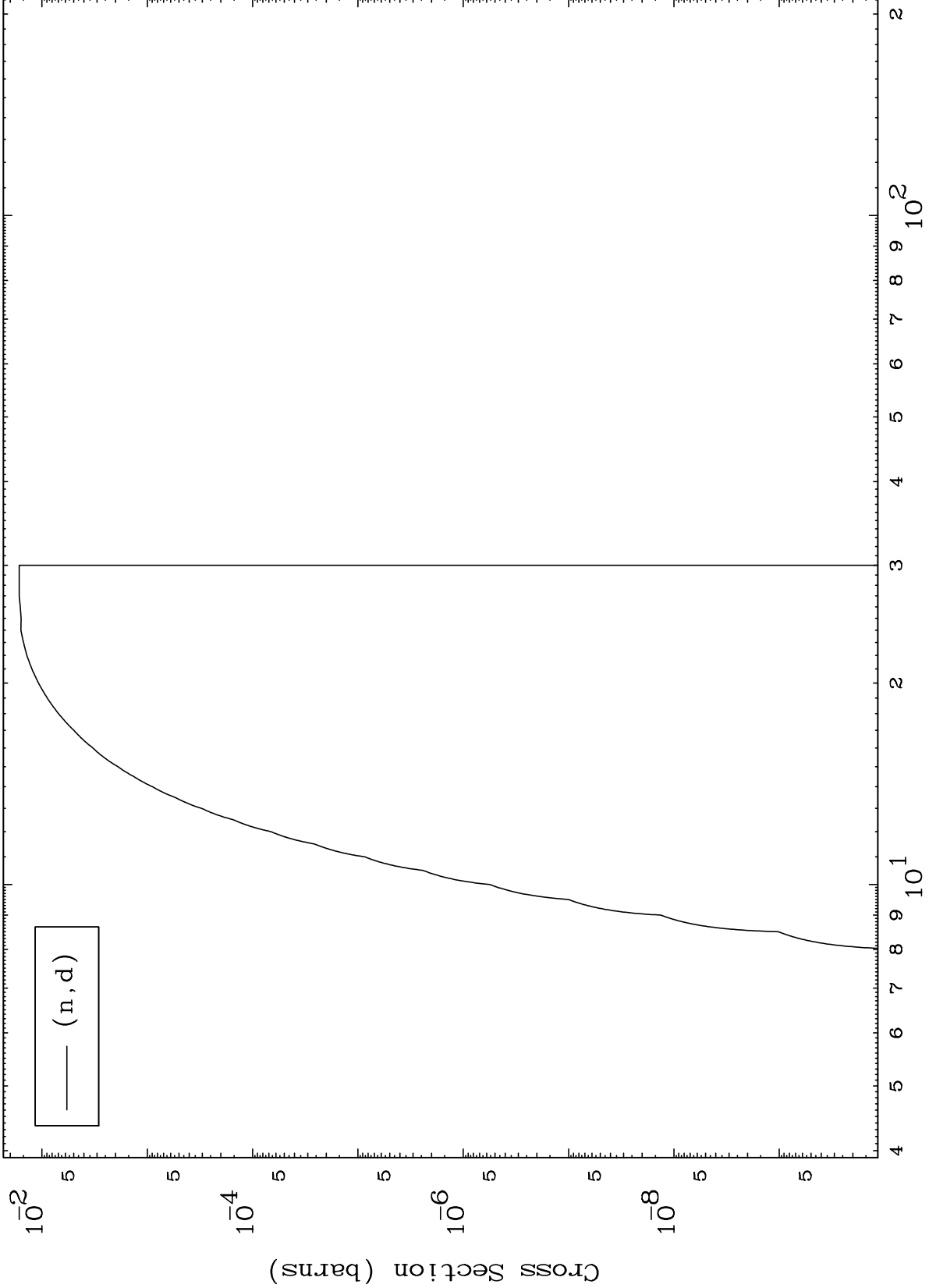
70-Yb-169



MAT 7029

(n,d) Levels
293 Kelvin Cross Sections

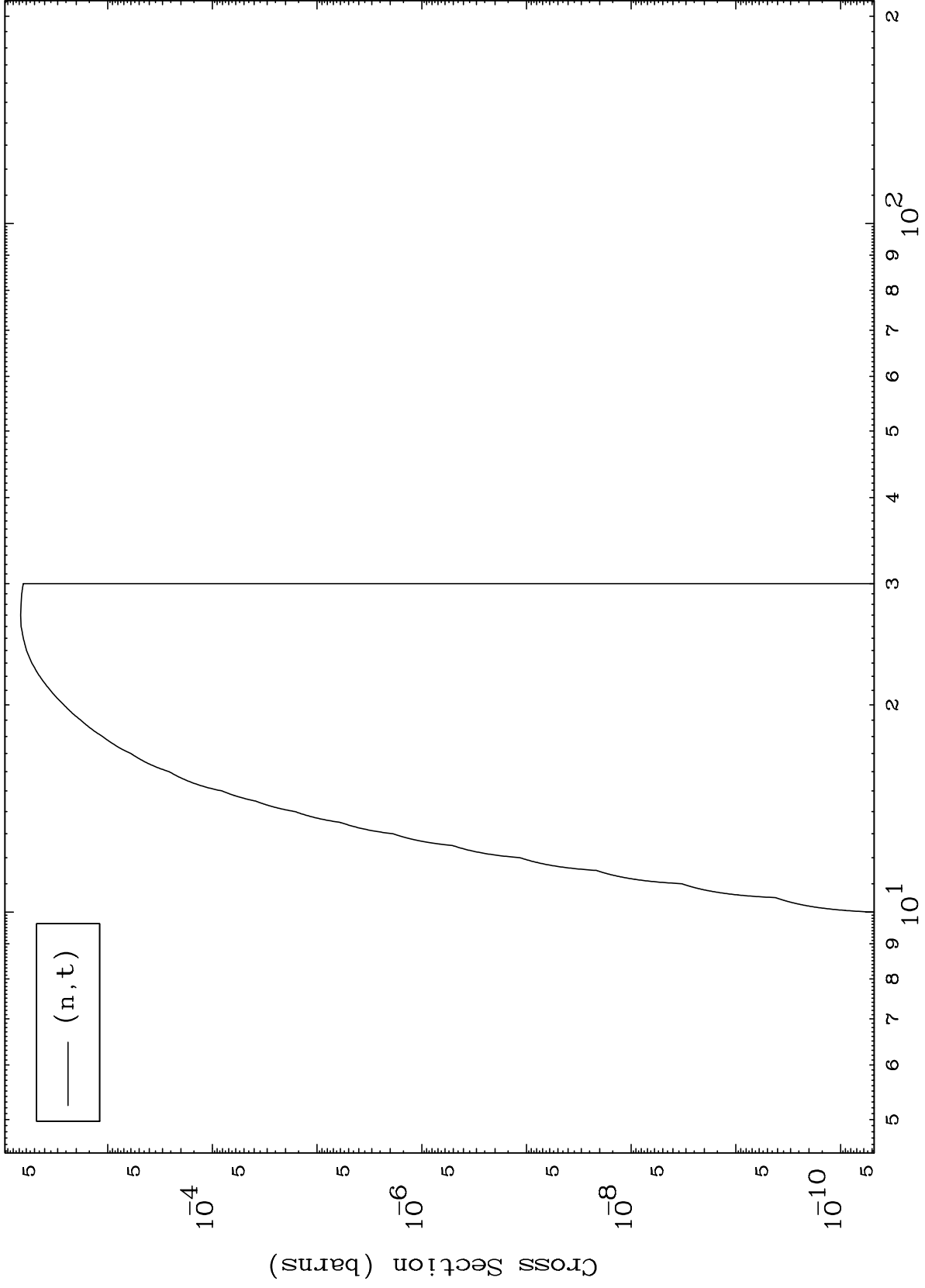
70-Yb-169



MAT 7029

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-169



12

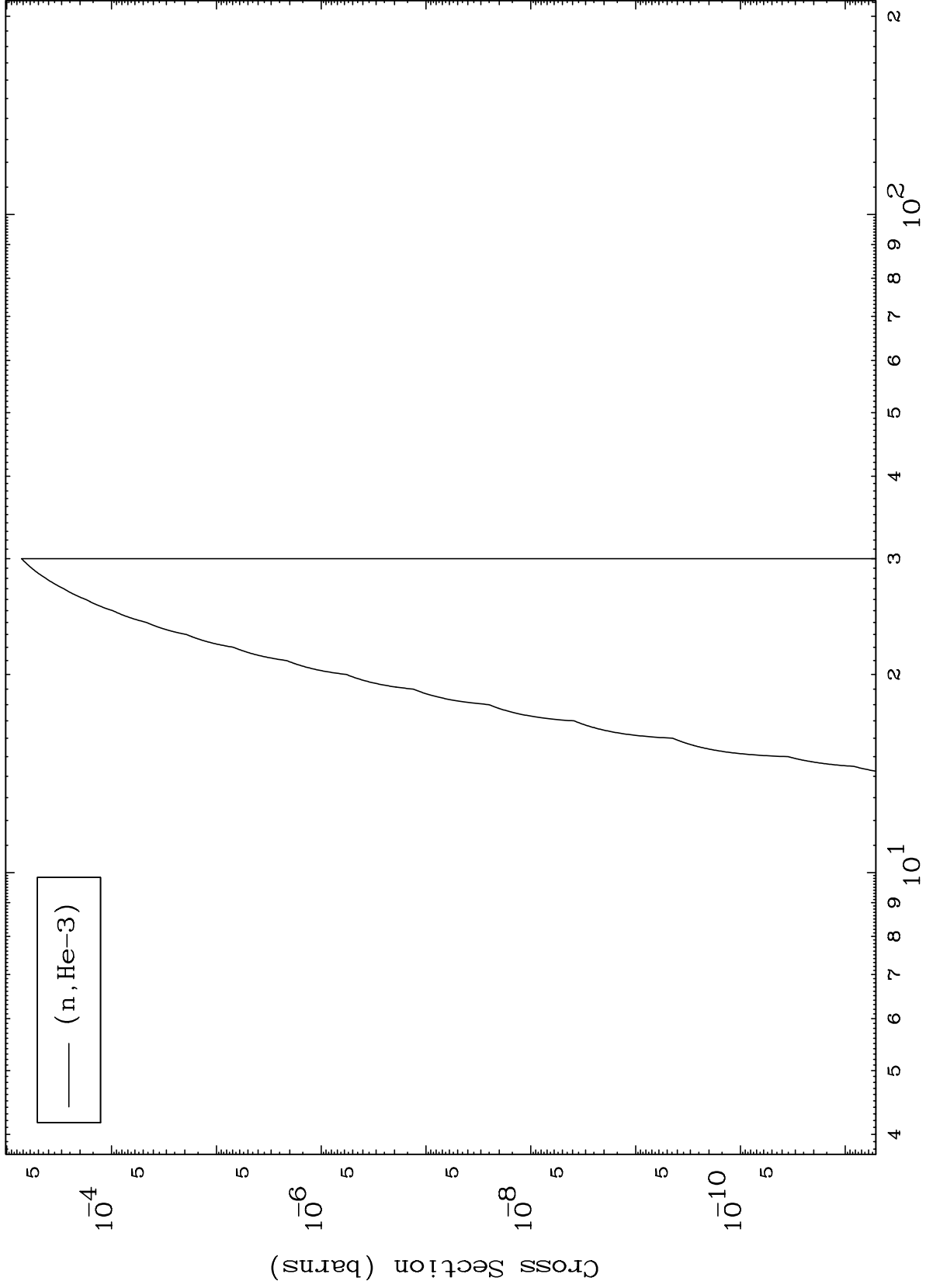
Incident Energy (MeV)

70-Yb-169

MAT 7029

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-169



13

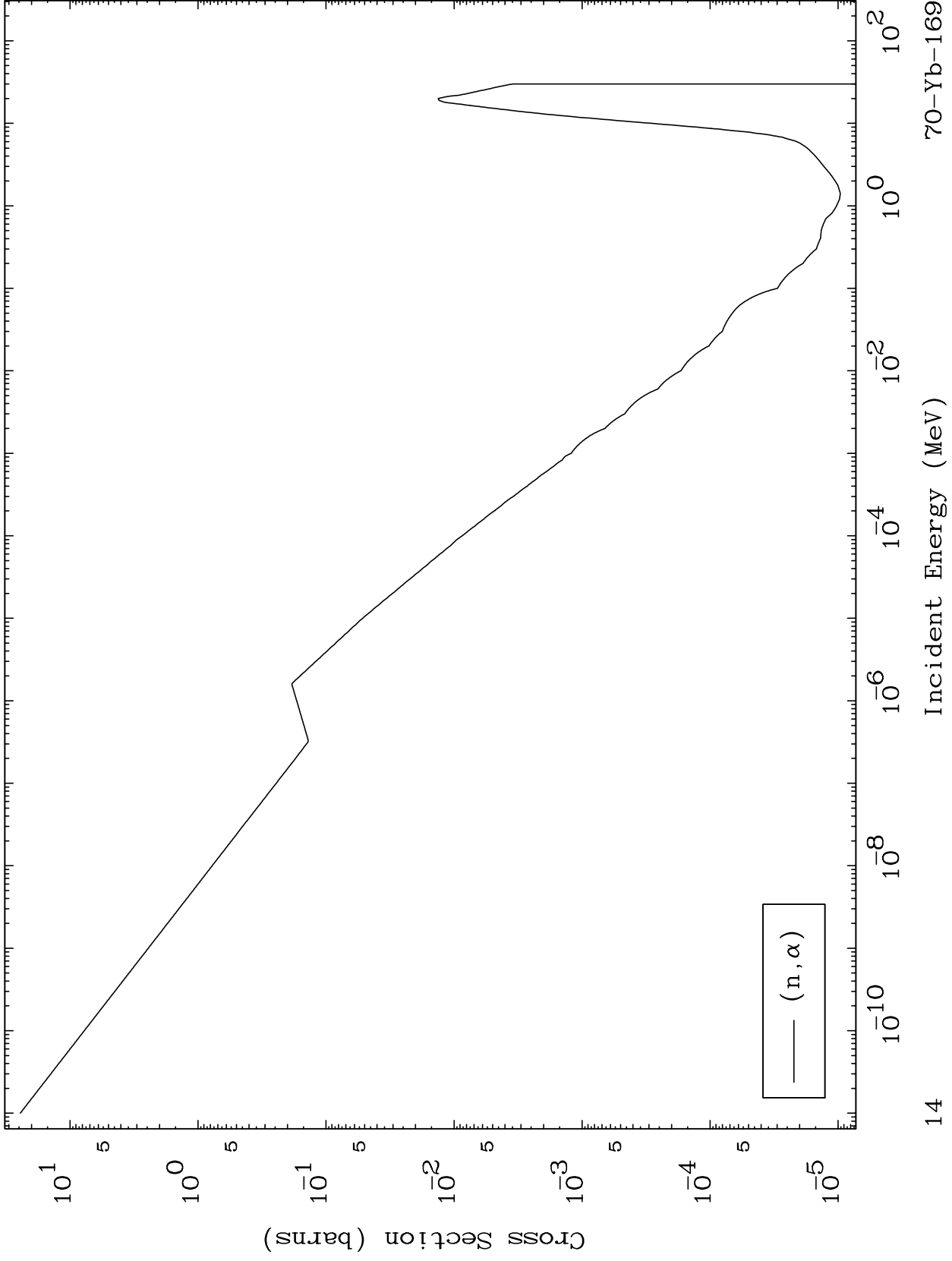
Incident Energy (MeV)

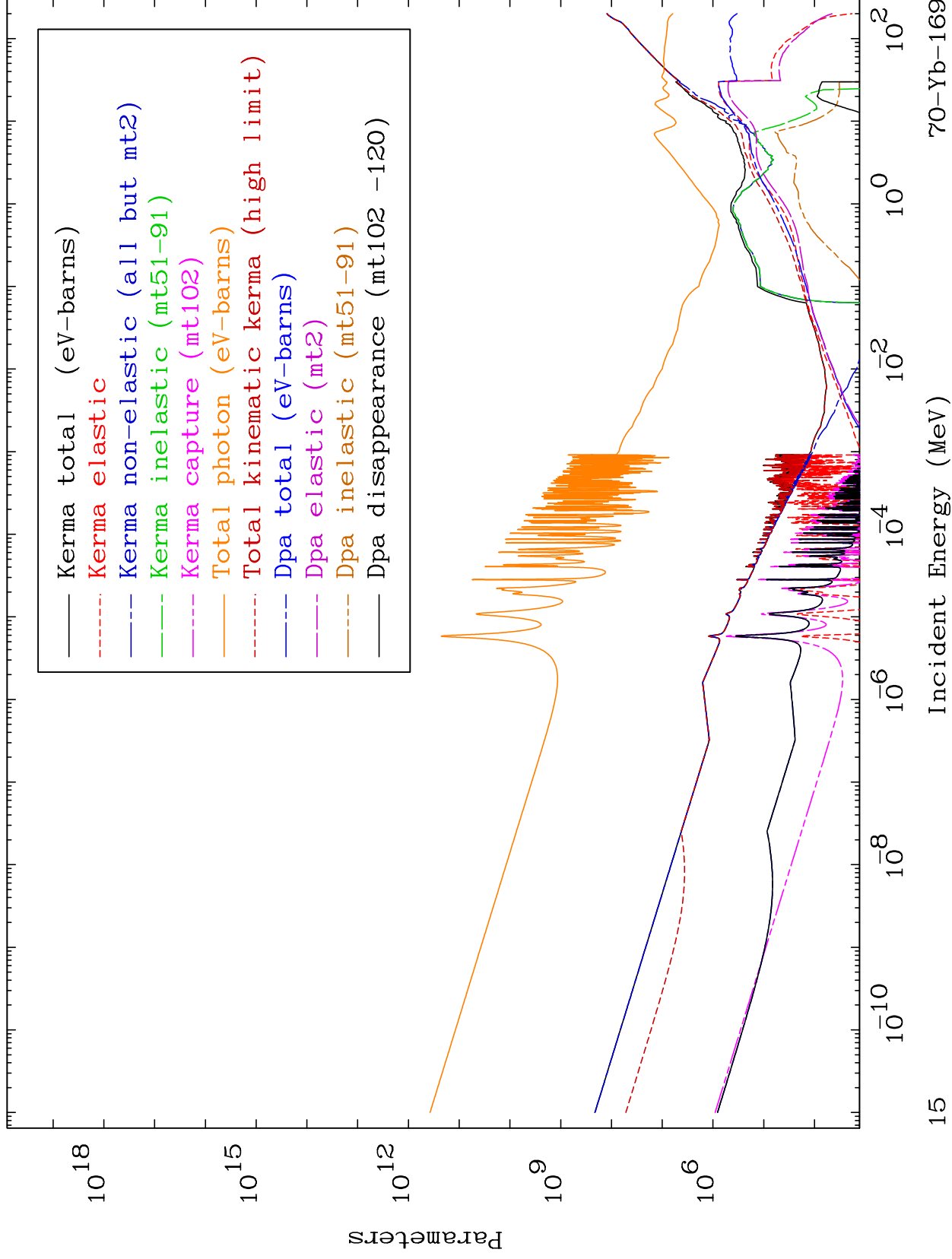
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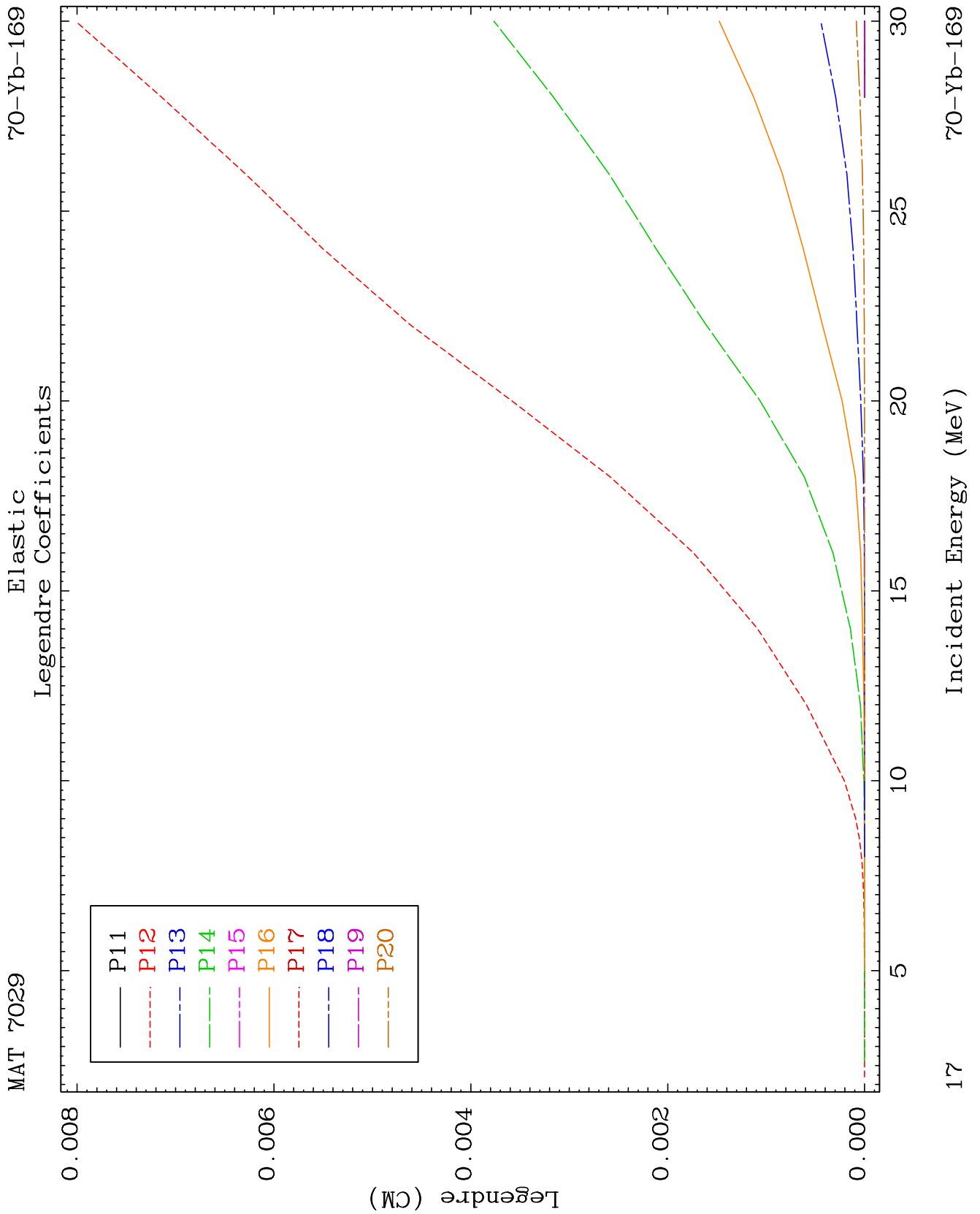
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(n,α) Levels
293 Kelvin Cross Sections

70-Yb-169



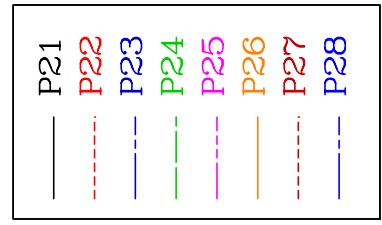




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Elastic Legendre Coefficients

70-Yb-169



$\times 10^{-6}$

Legendre (CM)



18

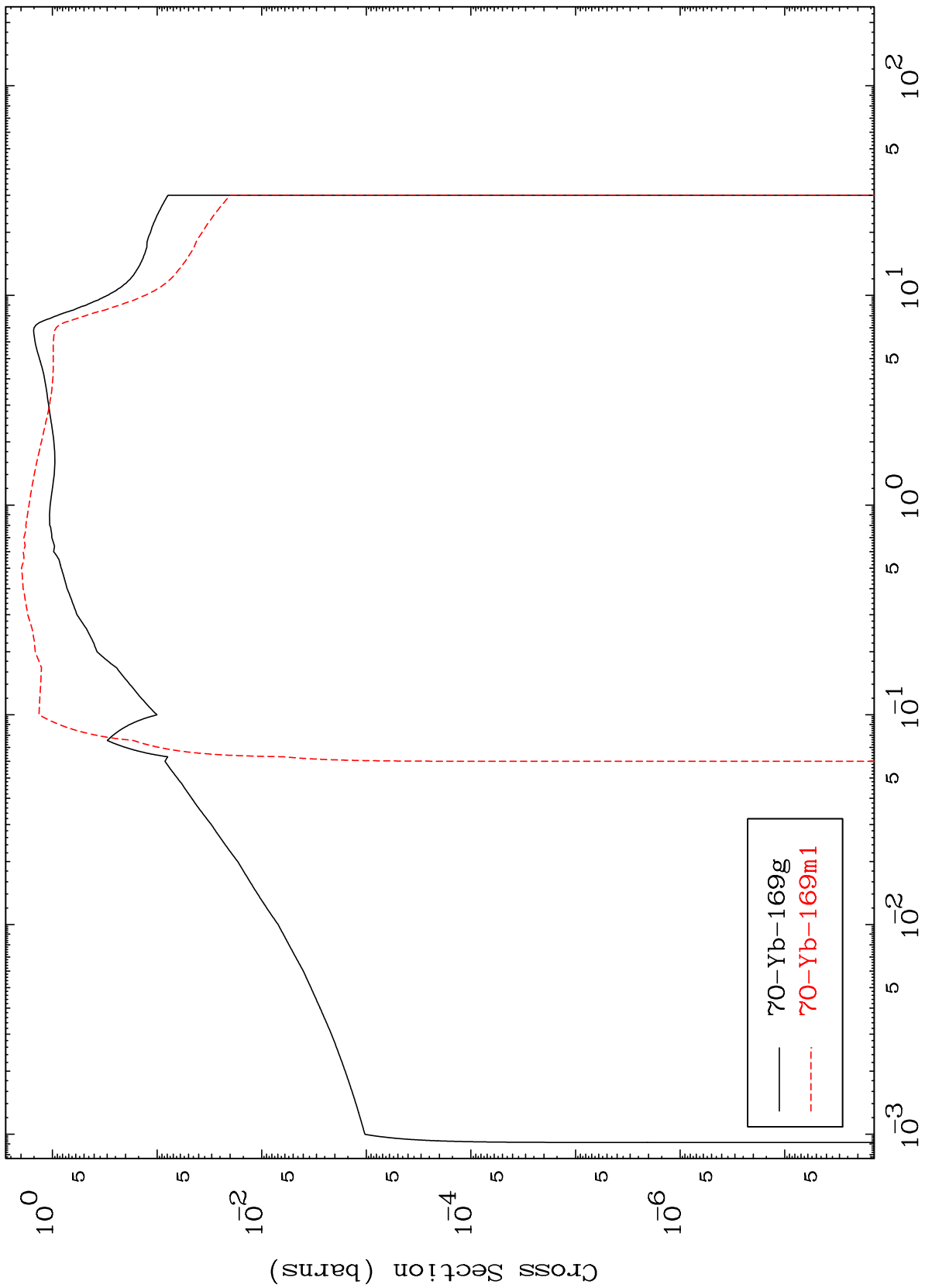
Incident Energy (MeV)

70-Yb-169

MAT 7029

70-Yb-169

Inelastic
Radionuclide Production Cross Section



— 70-Yb-169g
- - - 70-Yb-169m1

70-Yb-169

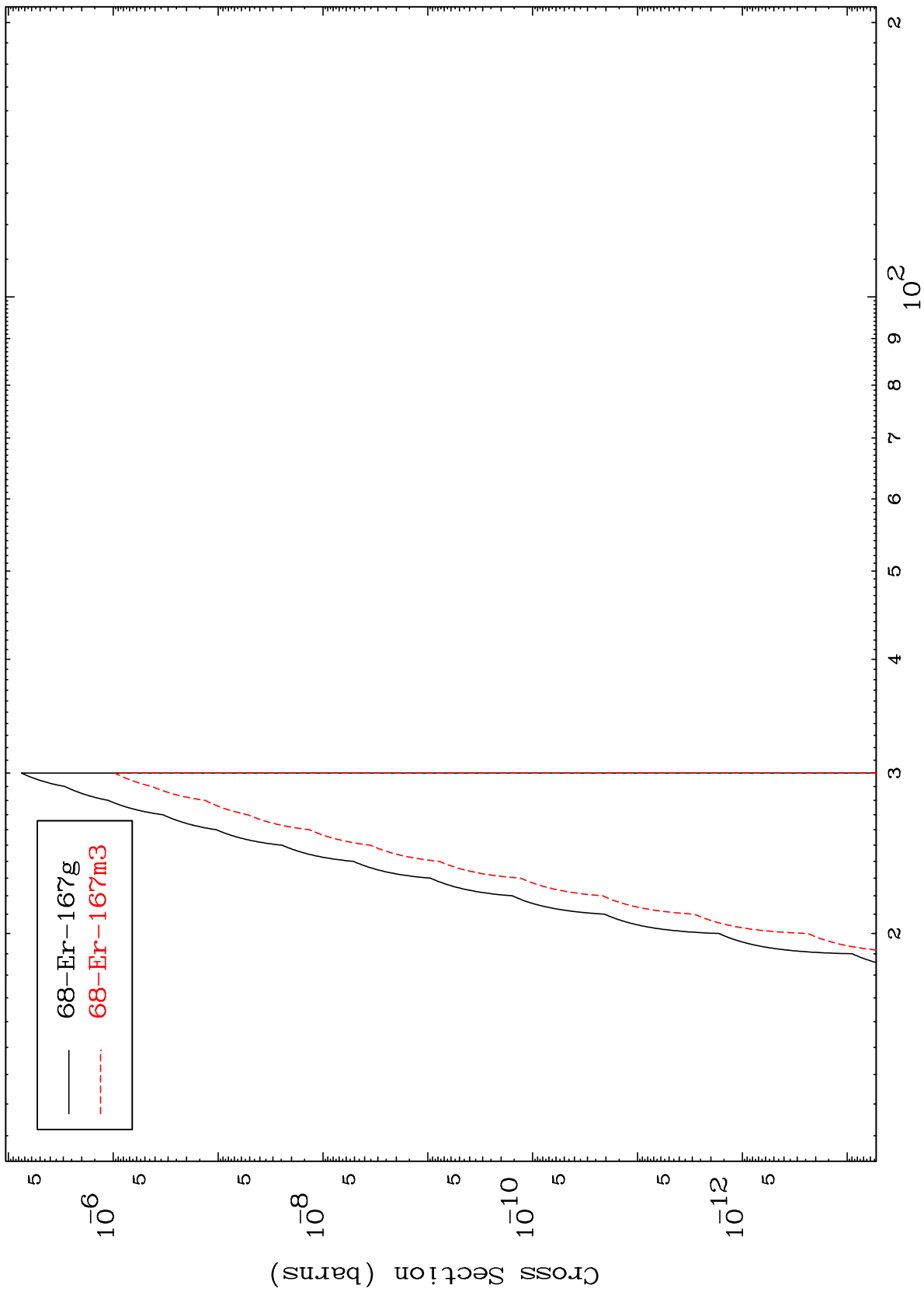
Incident Energy (MeV)

19

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70-Yb-169

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-169

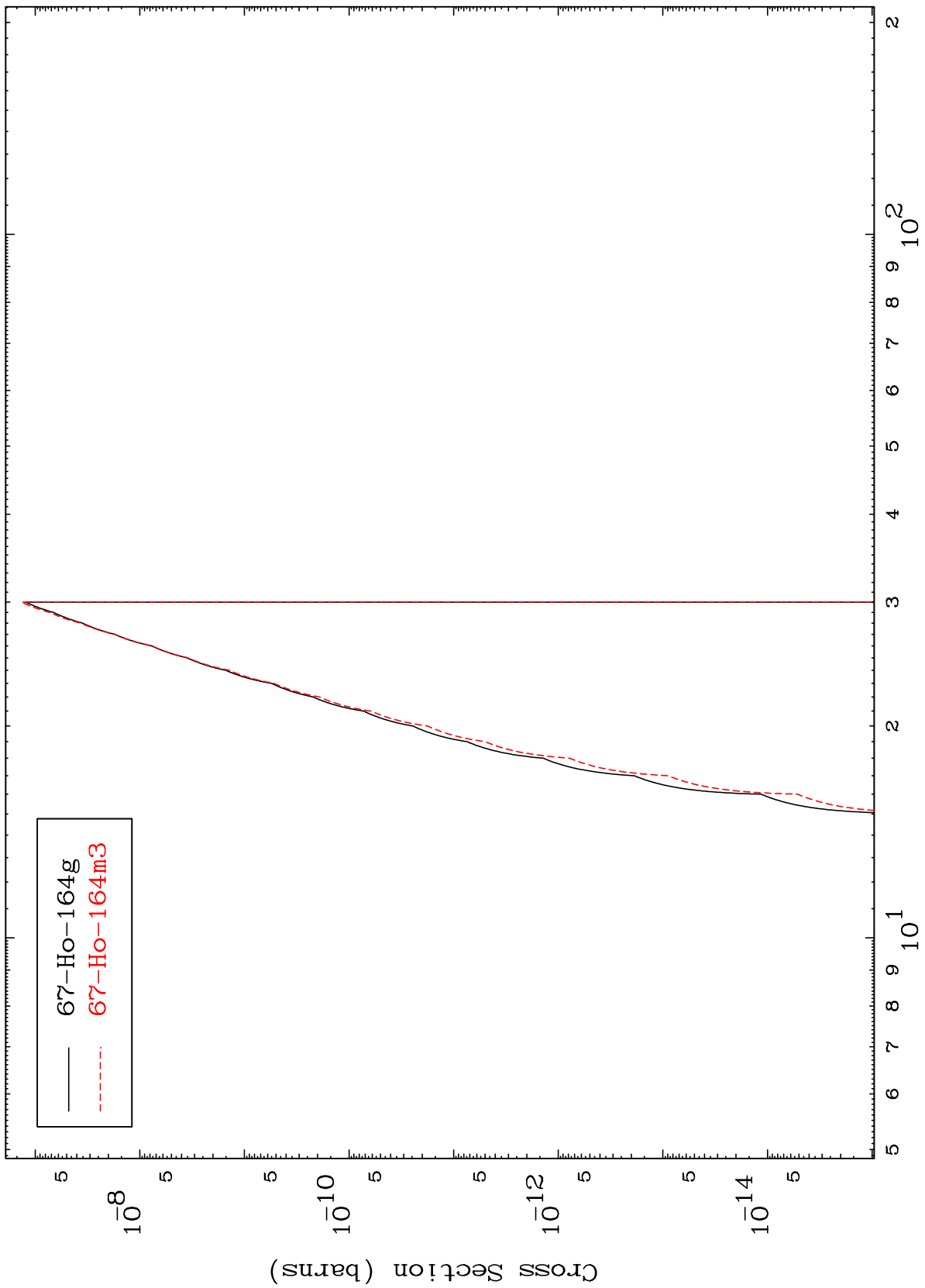
20

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(n,n') p α

70-Yb-169

Radionuclide Production Cross Section



21

Incident Energy (MeV)

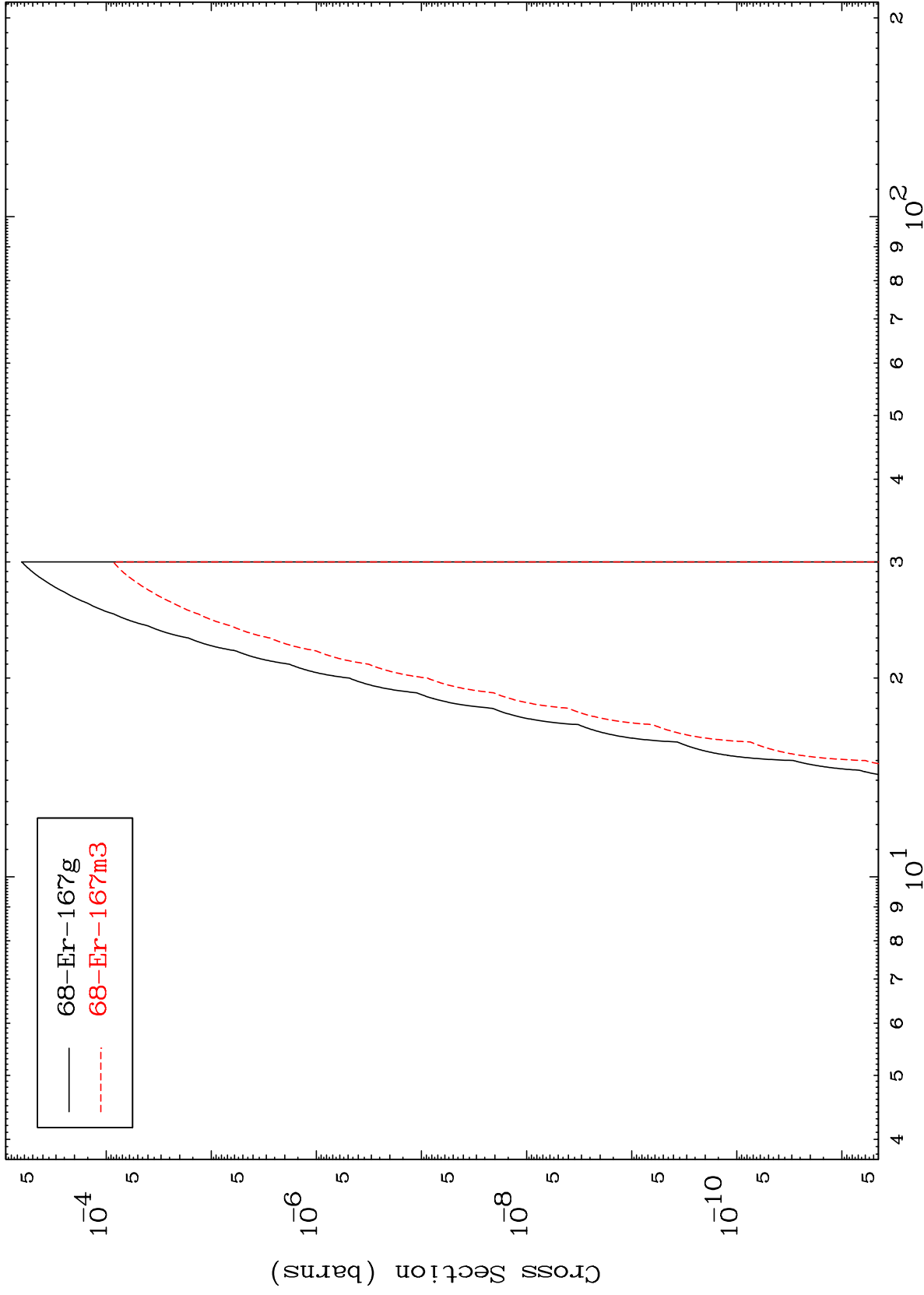
70-Yb-169

MAT 7029

(n,He-3)

70-Yb-169

Radionuclide Production Cross Section

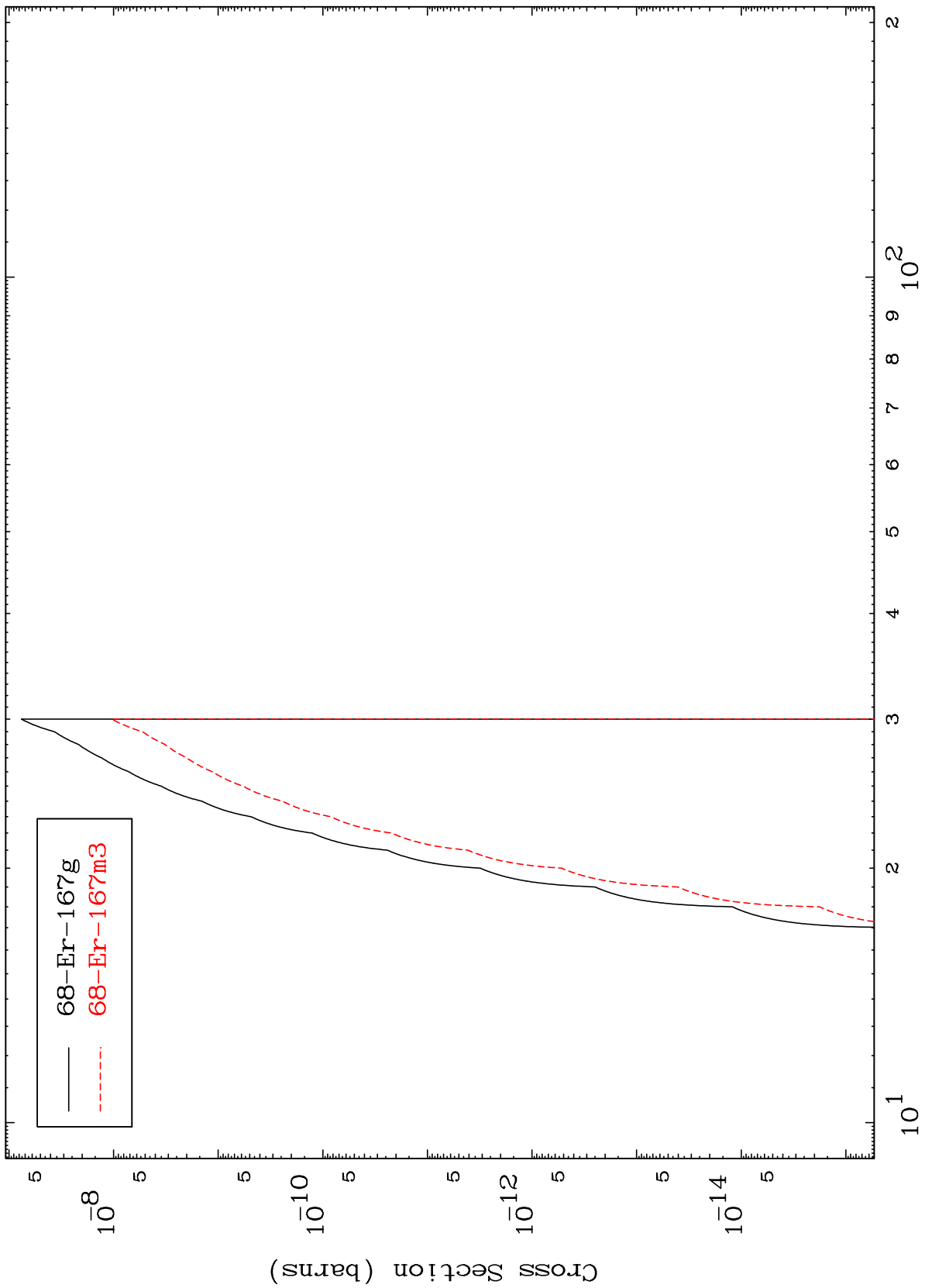


MAT 7029

(n,p) d

70-Yb-169

Radionuclide Production Cross Section



23

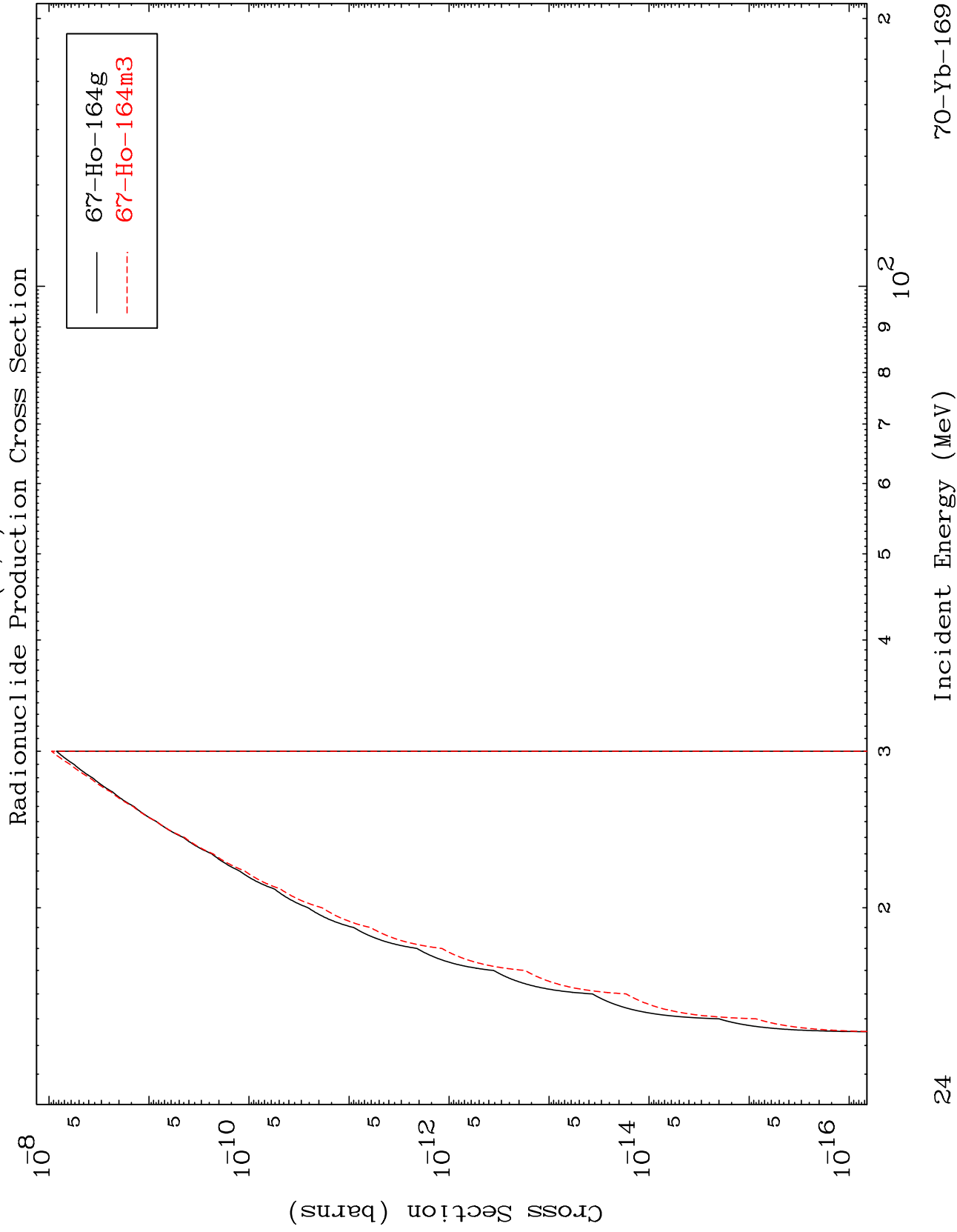
Incident Energy (MeV)

70-Yb-169

MAT 7029

(n,d) α

70-Yb-169



24

Incident Energy (MeV)

70-Yb-169