

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

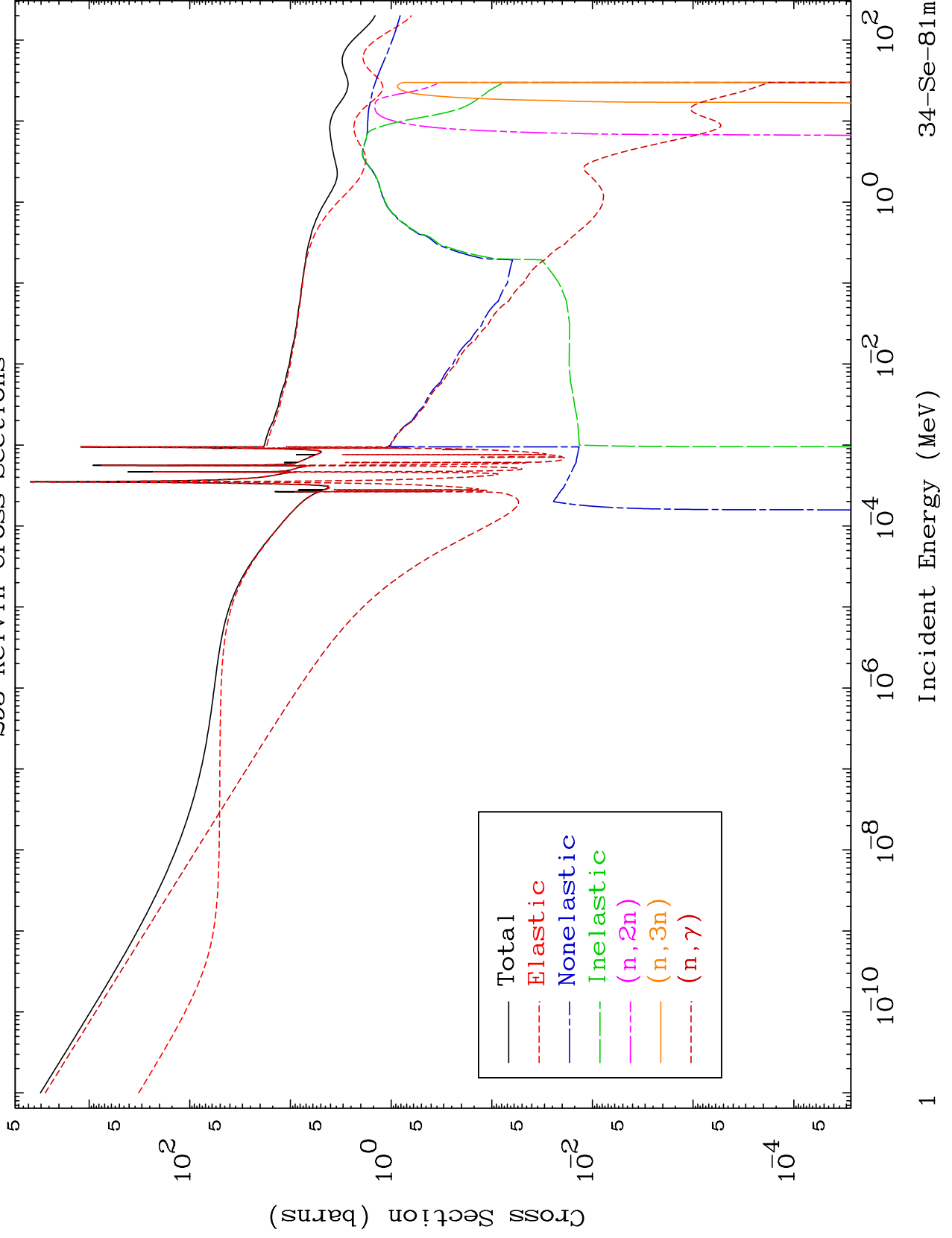
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3447

Neutron Major
293 Kelvin Cross Sections

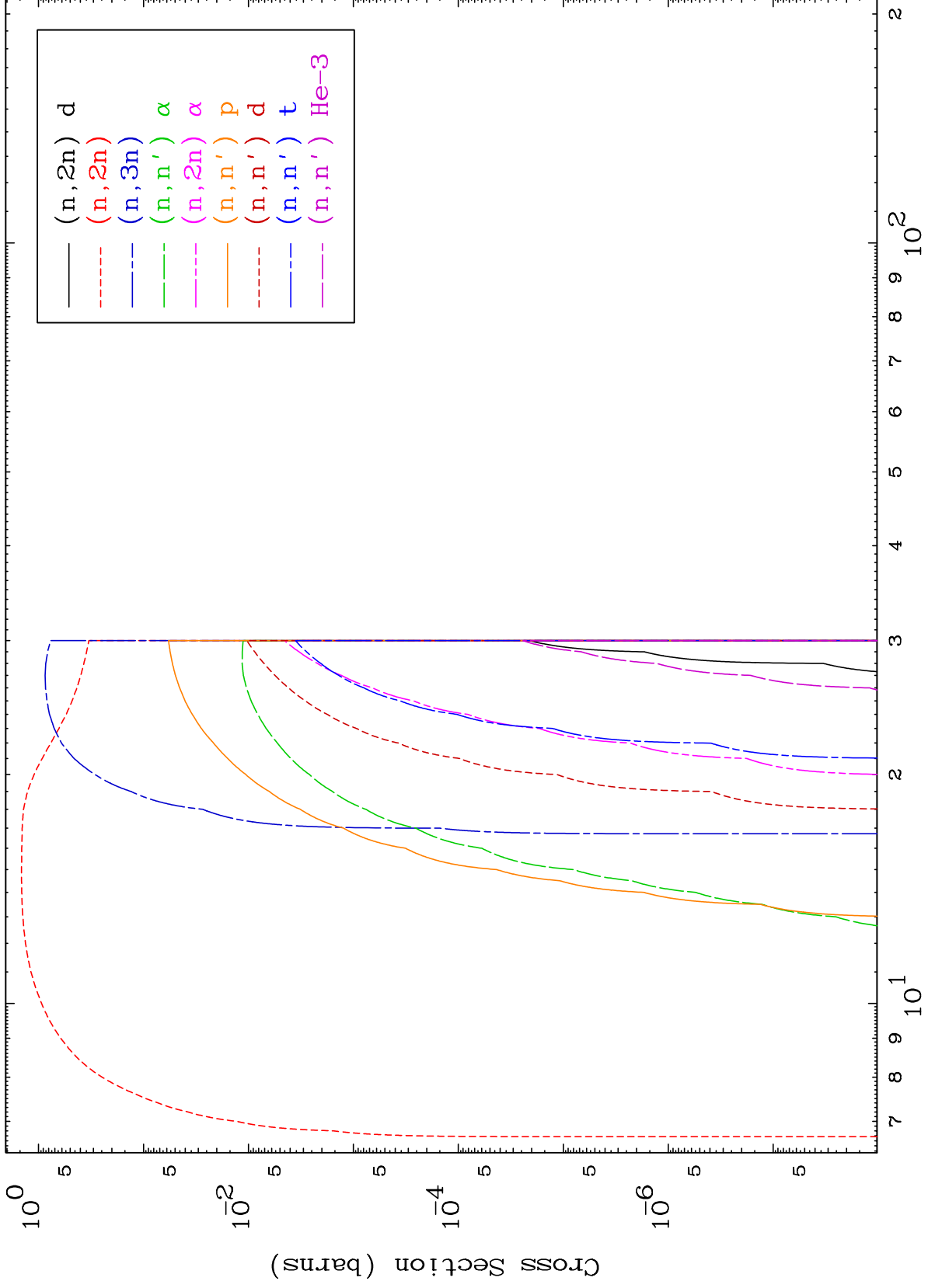
34-Se-81m



MAT 3447

Neutron Absorption
293 Kelvin Cross Sections

34-Se-81m



2

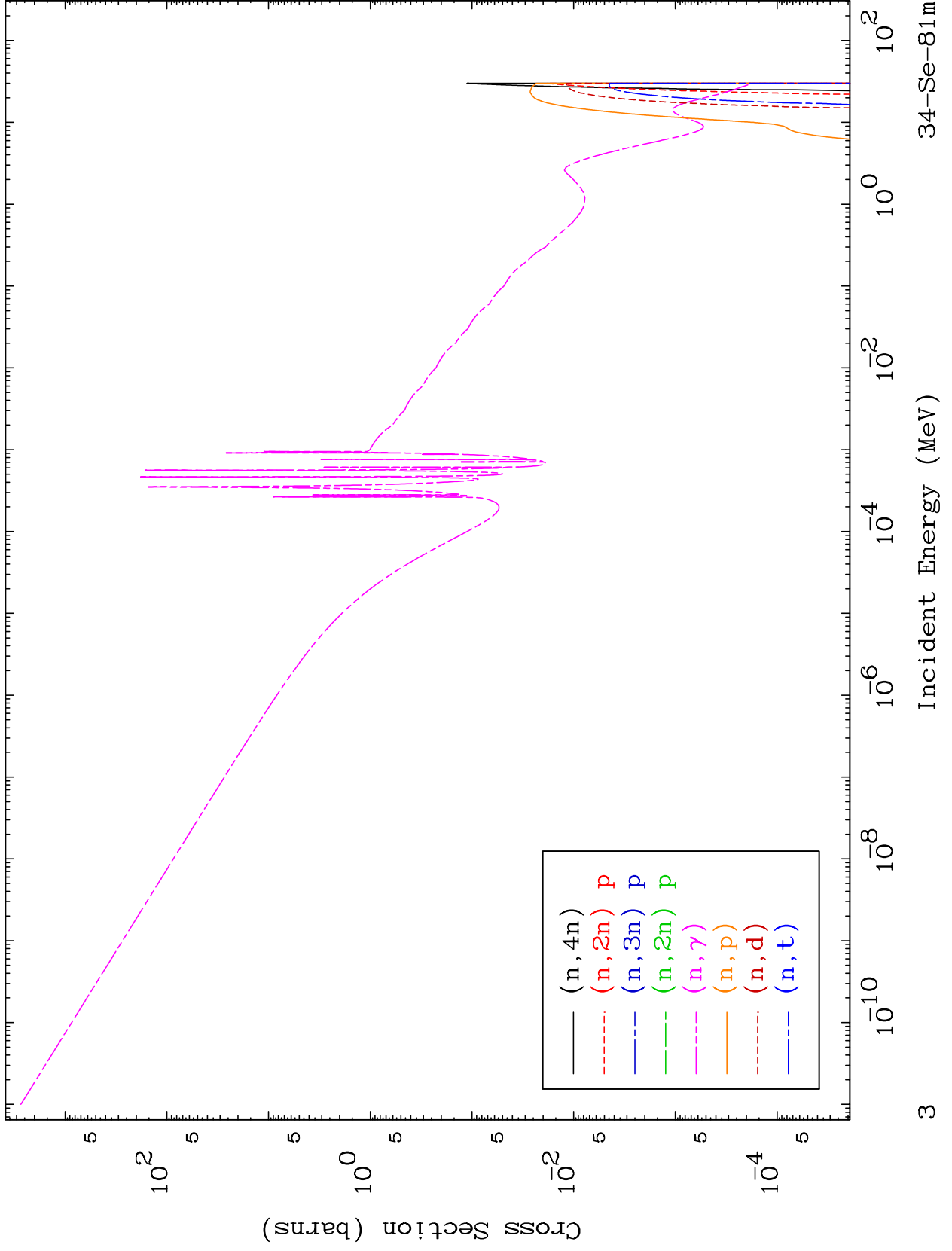
Incident Energy (MeV)

34-Se-81m

MAT 3447

Neutron Absorption
293 Kelvin Cross Sections

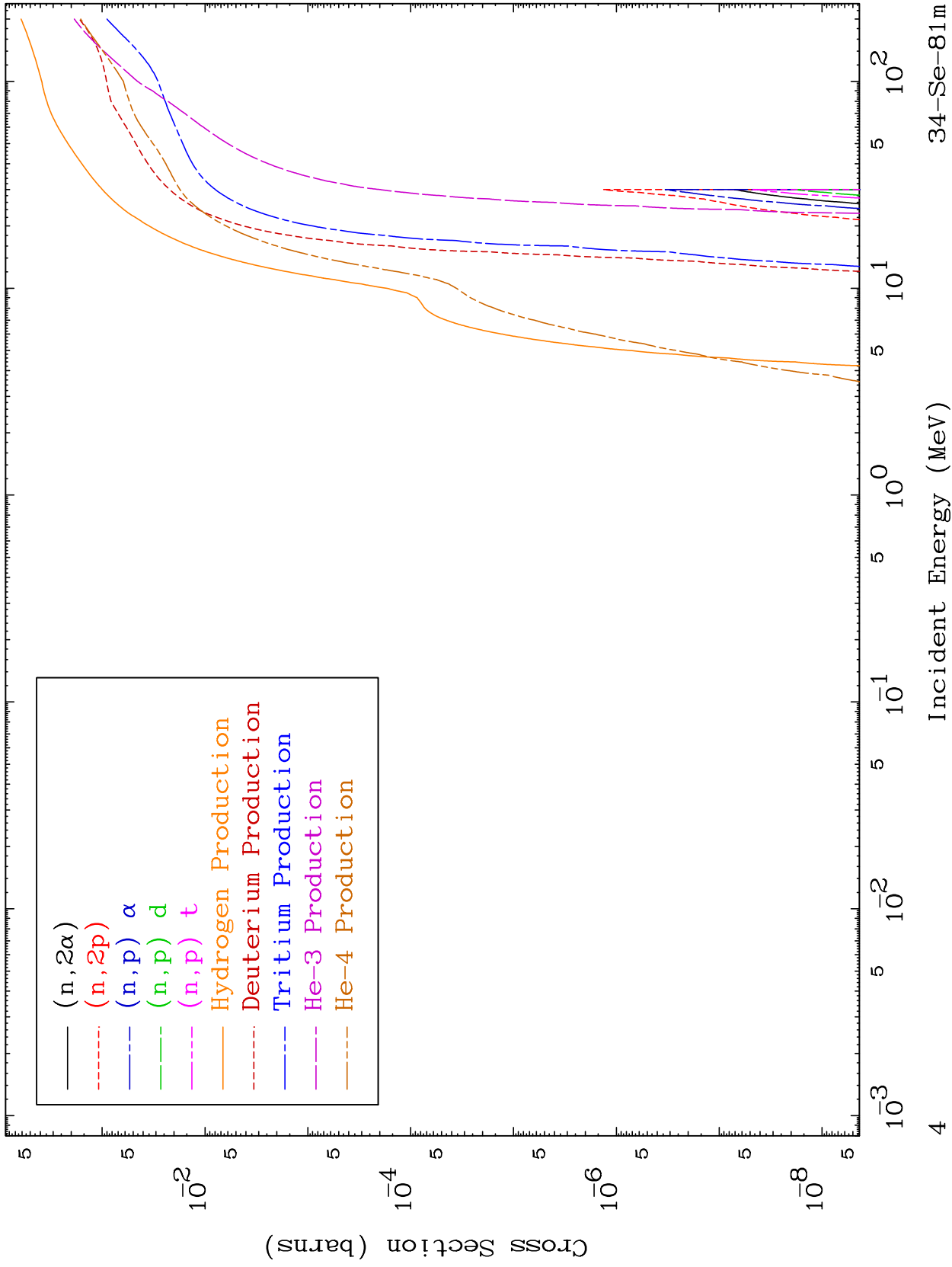
34-Se-81m



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Neutron Absorption
293 Kelvin Cross Sections

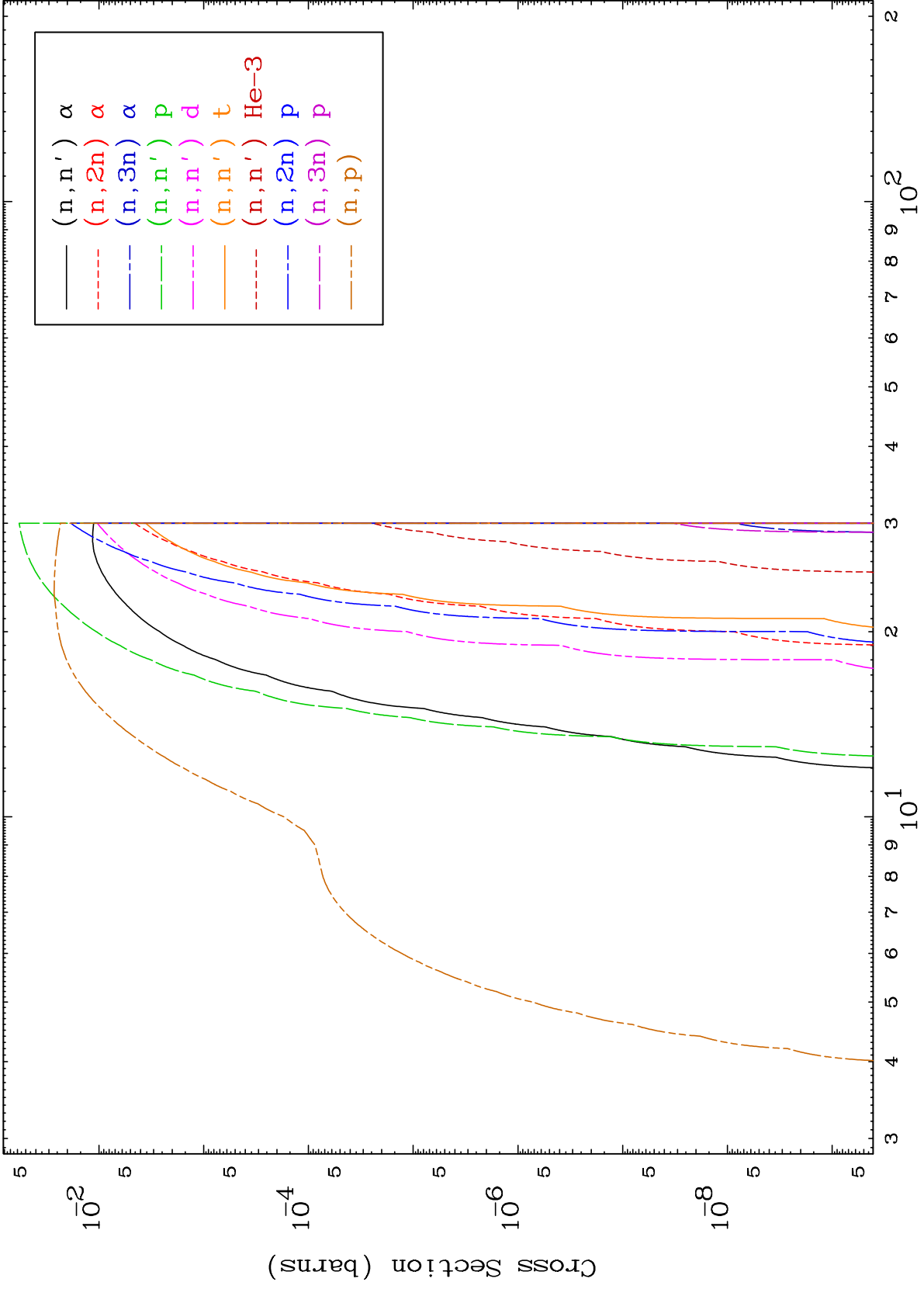
34-Se-81m



MAT 3447

Charged Particle
293 Kelvin Cross Sections

34-Se-81m



5

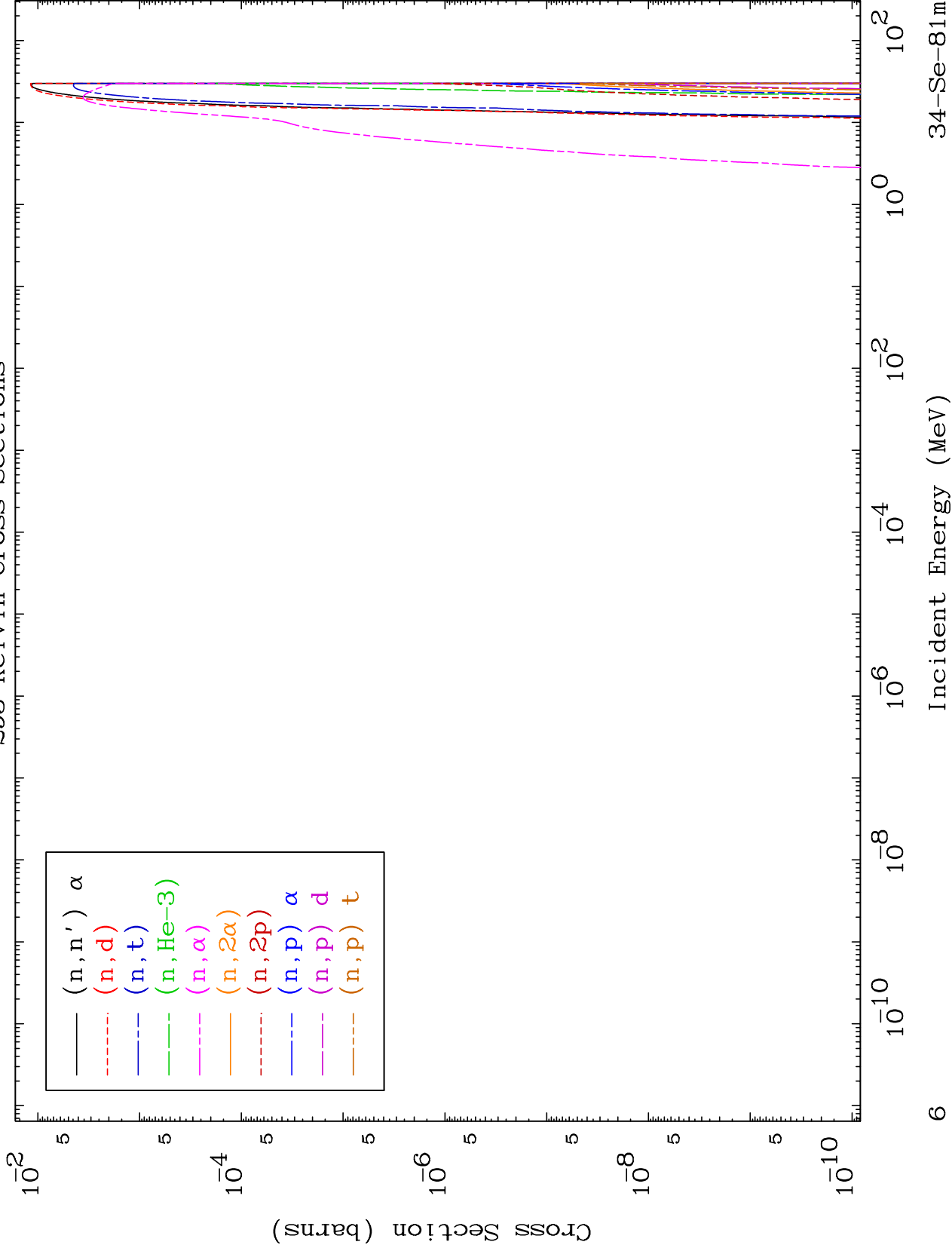
Incident Energy (MeV)

34-Se-81m

MAT 3447

Charged Particle
293 Kelvin Cross Sections

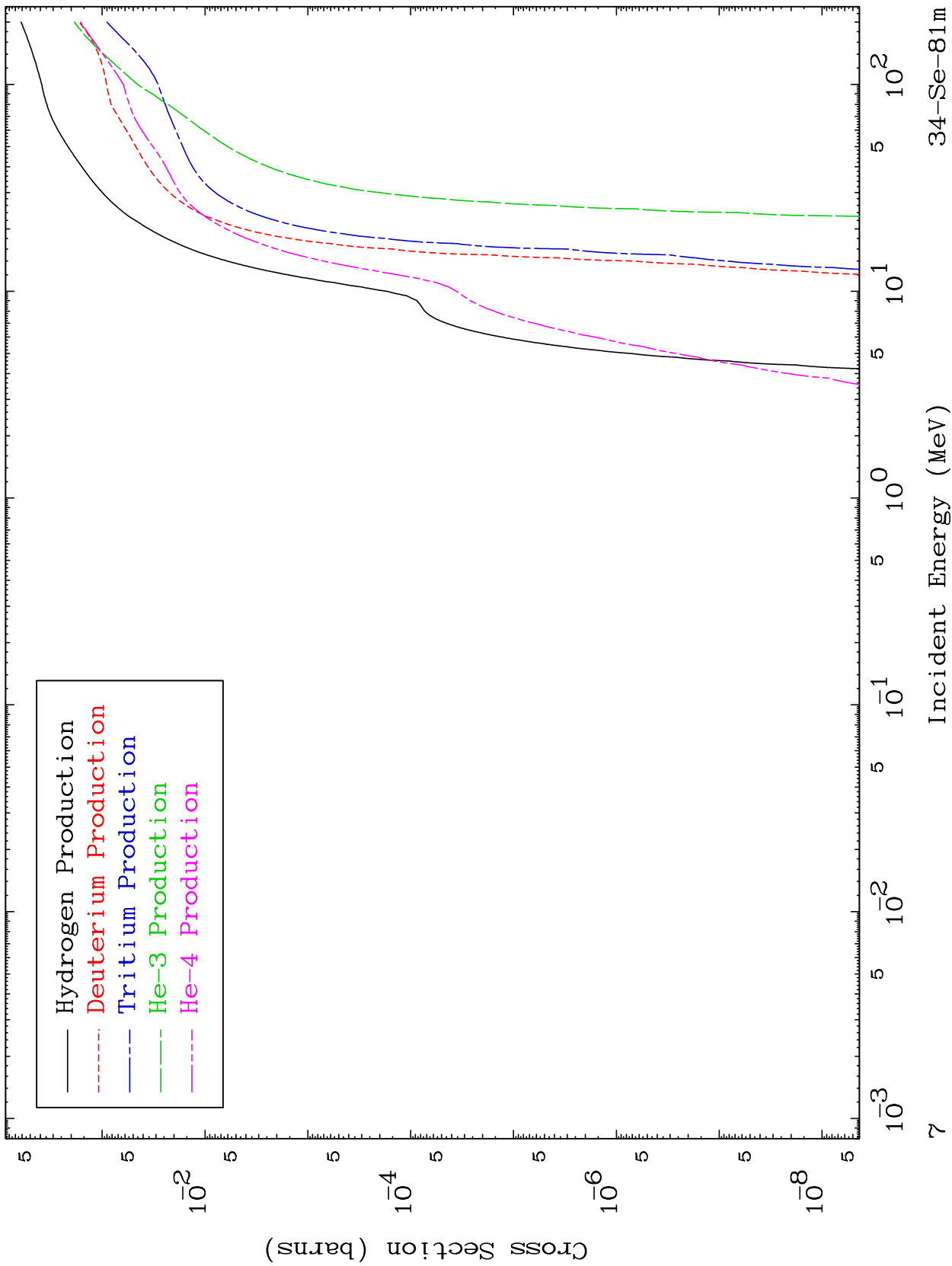
34-Se-81m



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Particle Production
293 Kelvin Cross Sections

34-Se-81m



34-Se-81m

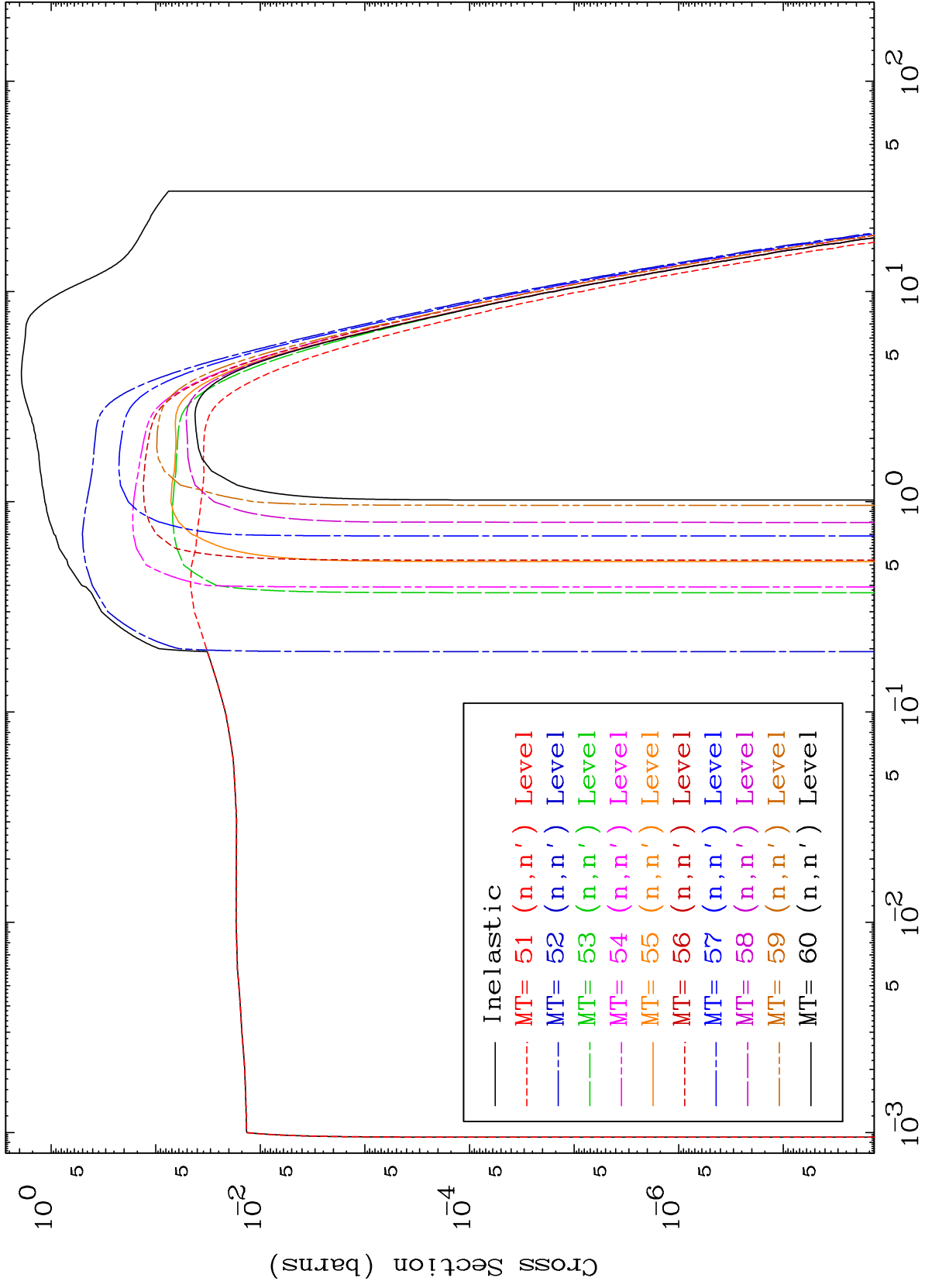
Incident Energy (MeV)

7

MAT 3447

(n,n') Levels
293 Kelvin Cross Sections

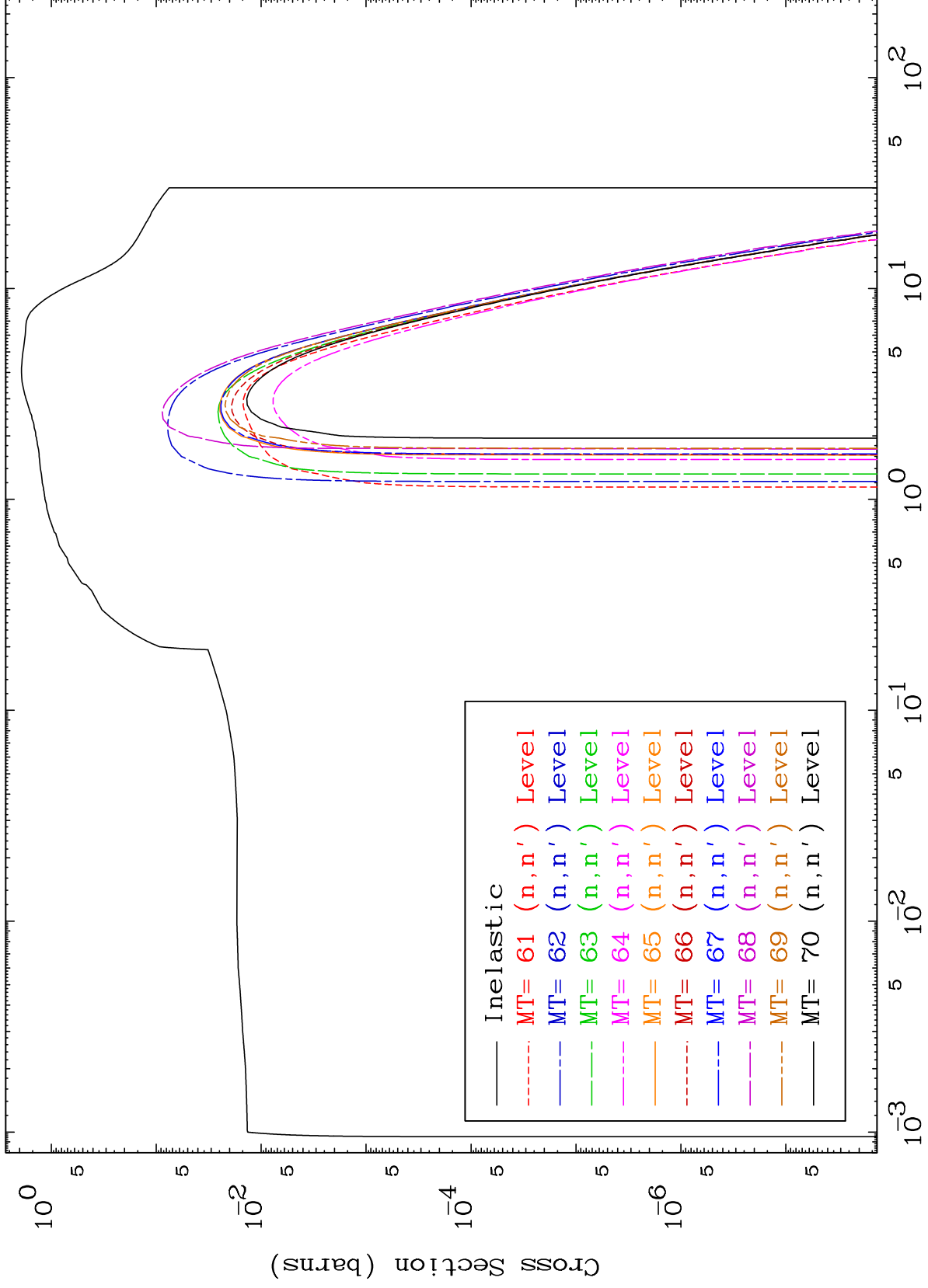
34-Se-81m



MAT 3447

(n,n') Levels
293 Kelvin Cross Sections

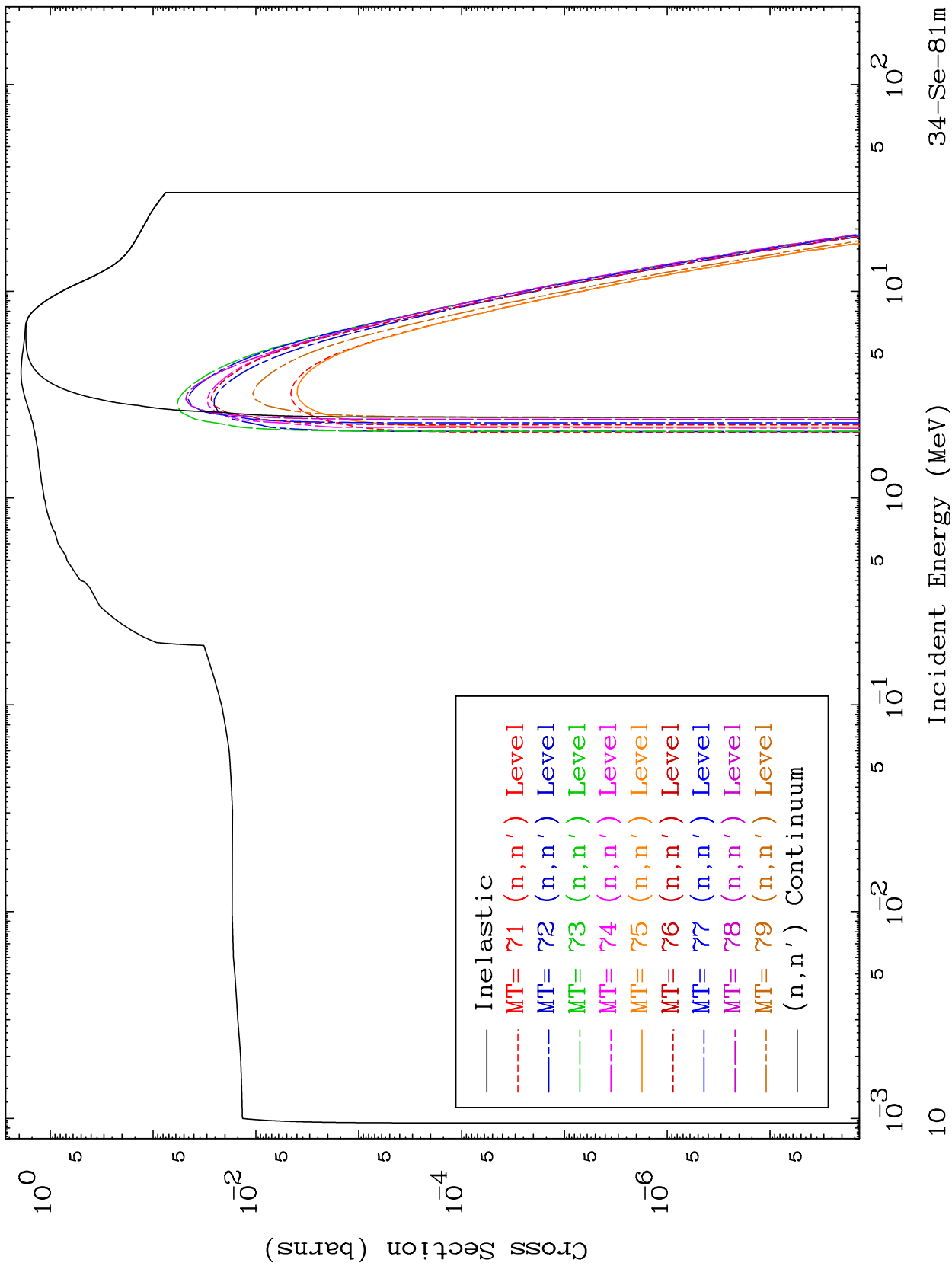
34-Se-81m



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(n,n') Levels
293 Kelvin Cross Sections

34-Se-81m

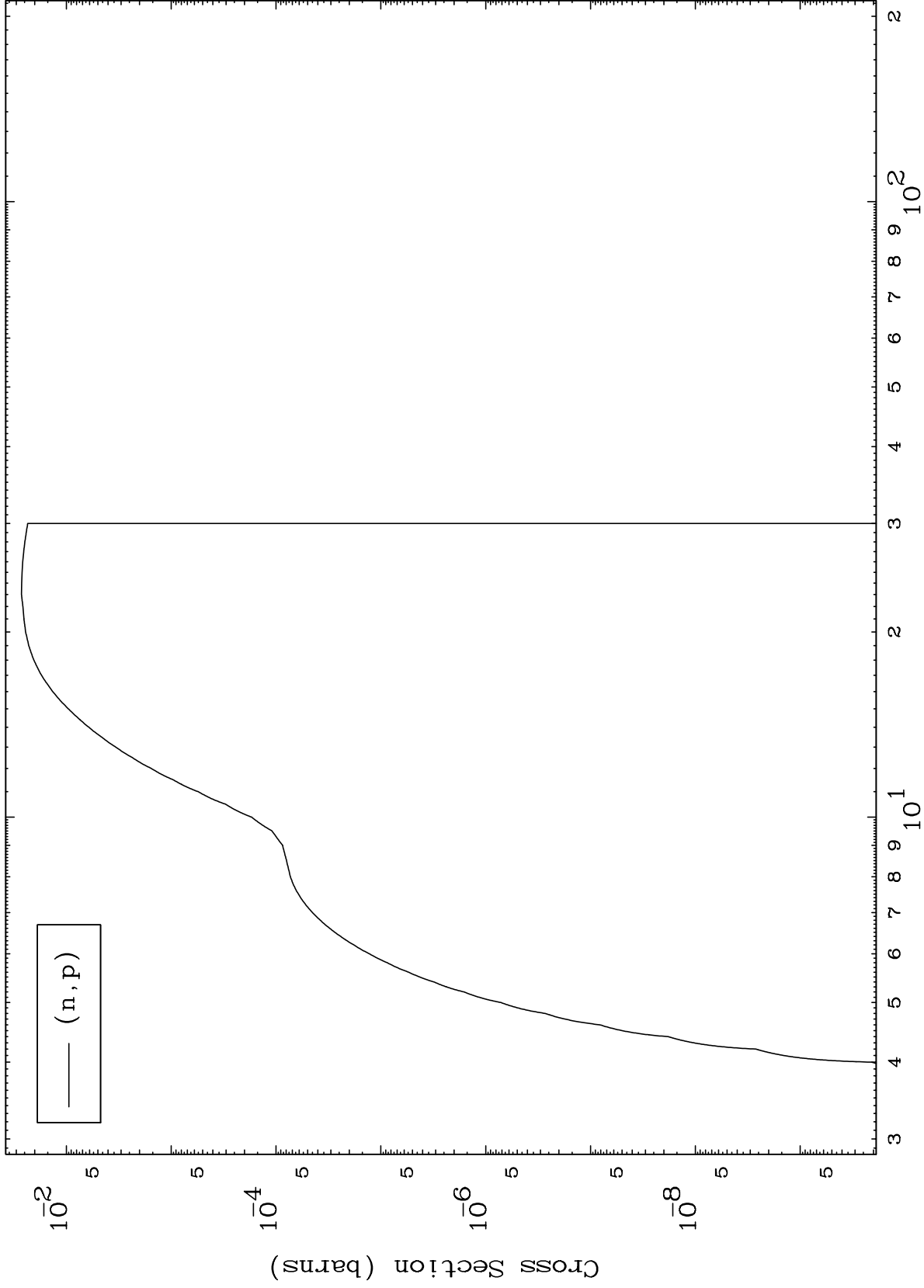


34-Se-81m

MAT 3447

(n,p) Levels
293 Kelvin Cross Sections

34-Se-81m



11

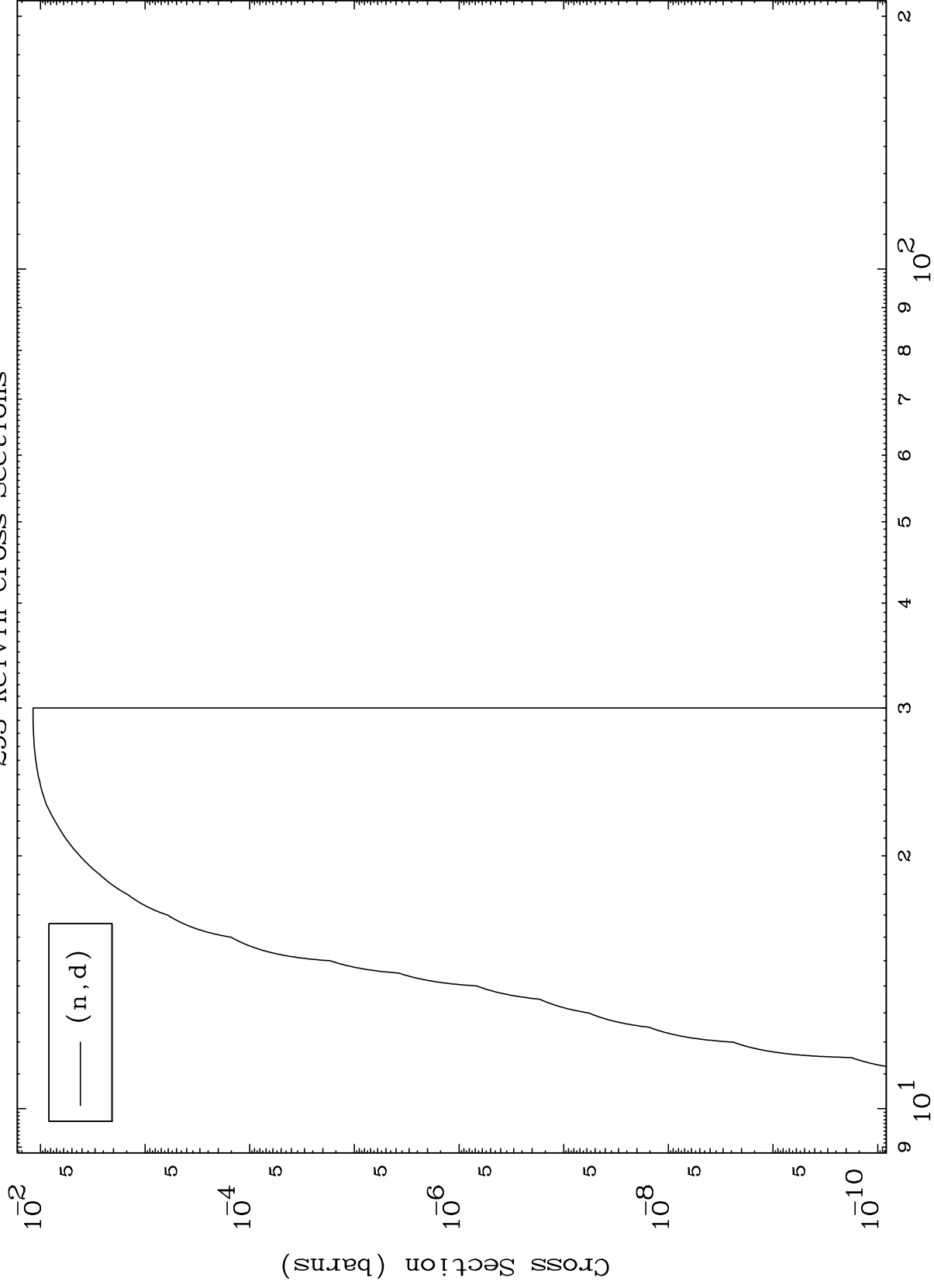
Incident Energy (MeV)

34-Se-81m

MAT 3447

(n,d) Levels
293 Kelvin Cross Sections

34-Se-81m



12

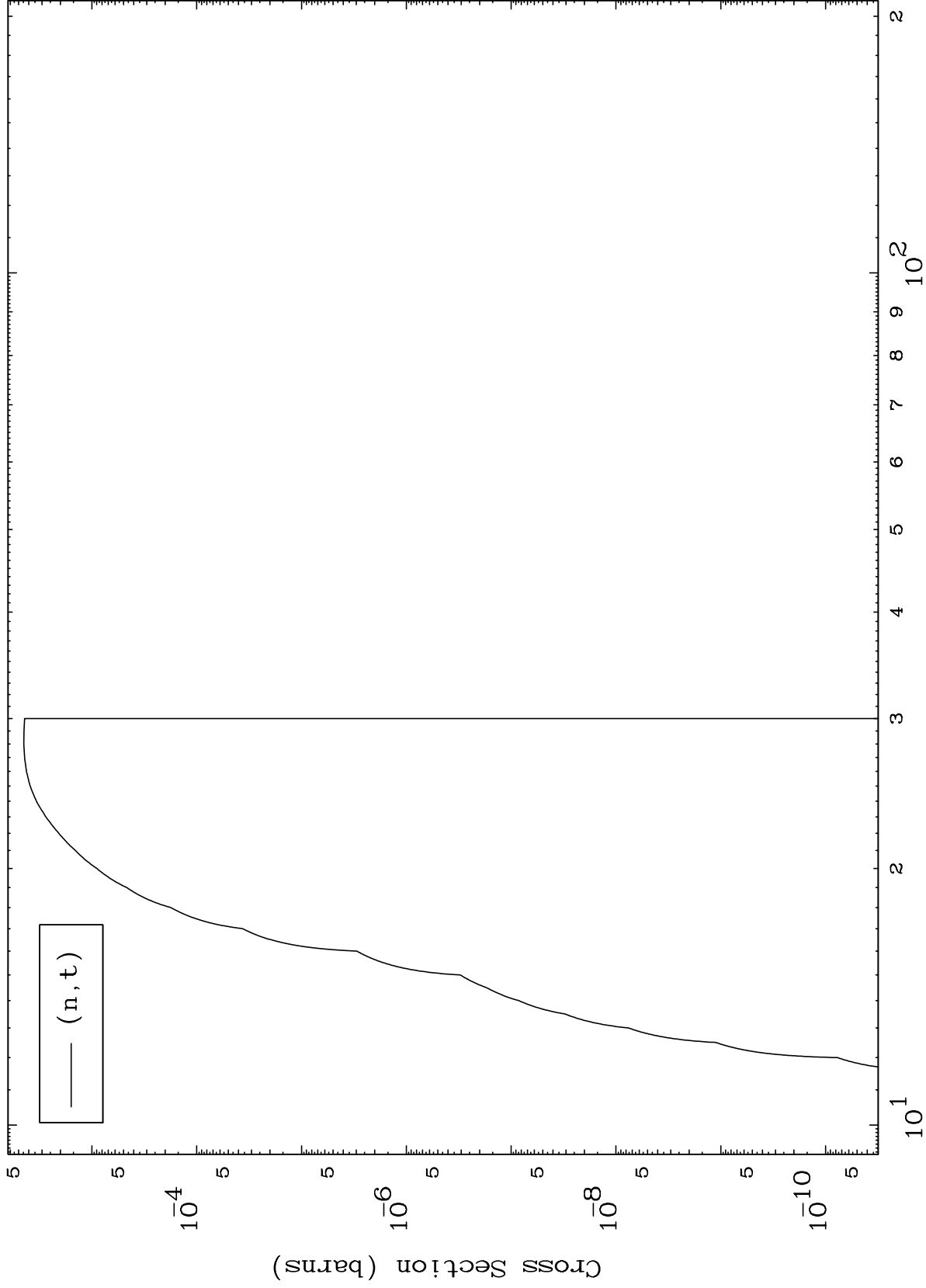
Incident Energy (MeV)

34-Se-81m

MAT 3447

(n,t) Levels
293 Kelvin Cross Sections

34-Se-81m



Incident Energy (MeV)

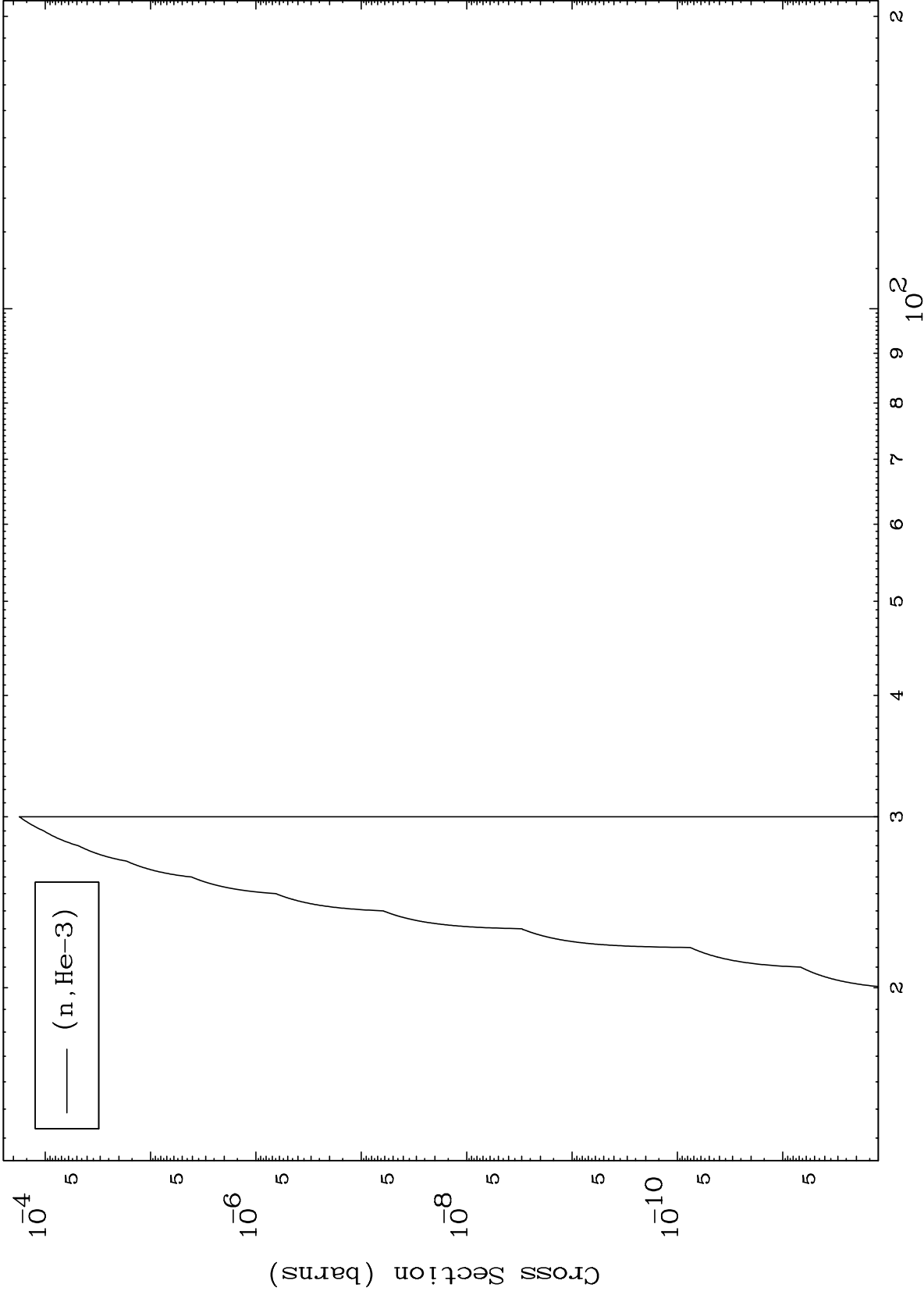
34-Se-81m

13

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(n,He3) Levels
293 Kelvin Cross Sections

34-Se-81m



14

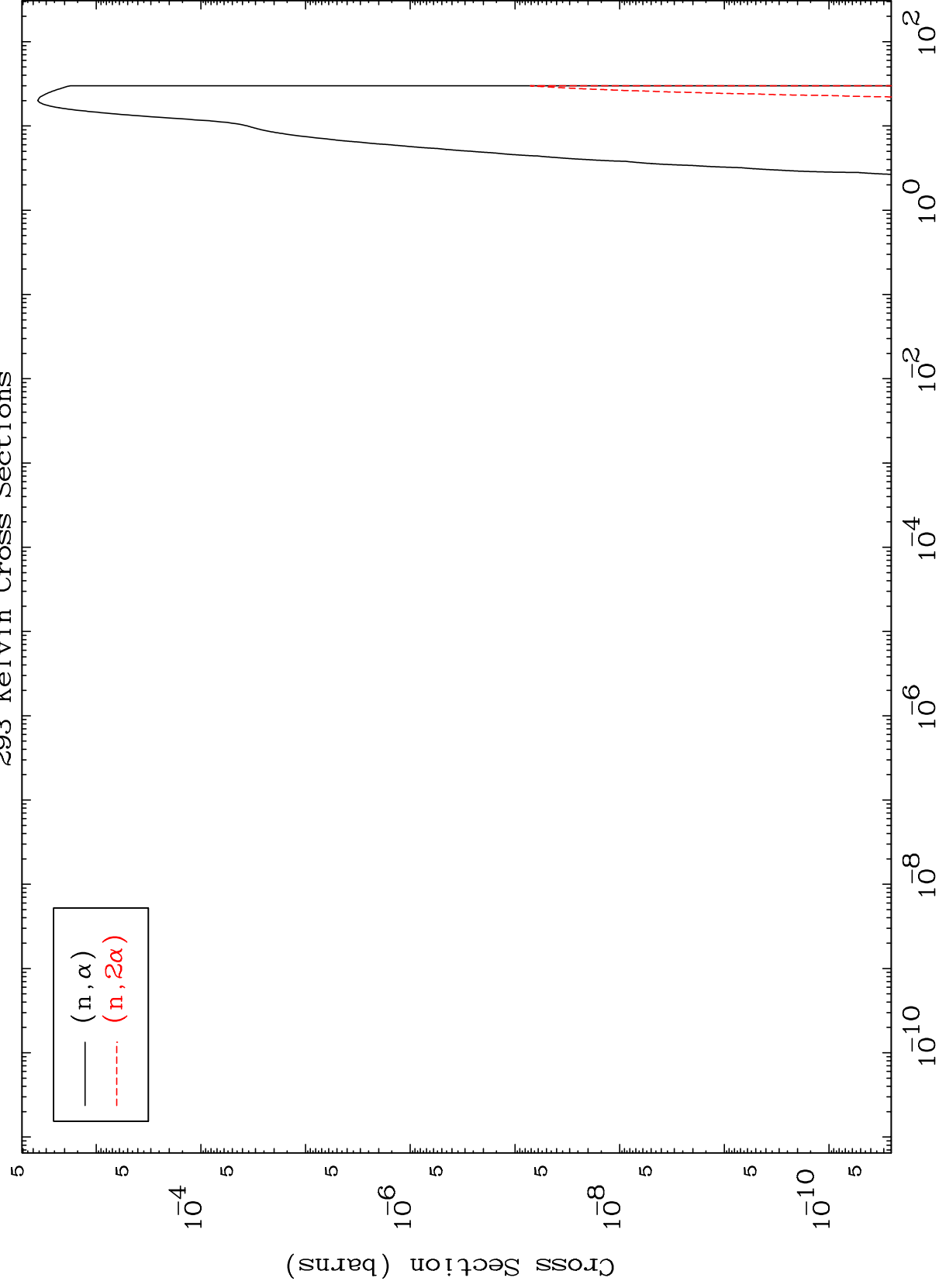
Incident Energy (MeV)

34-Se-81m

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(n, α) Levels
293 Kelvin Cross Sections

³⁴Se-81m



15

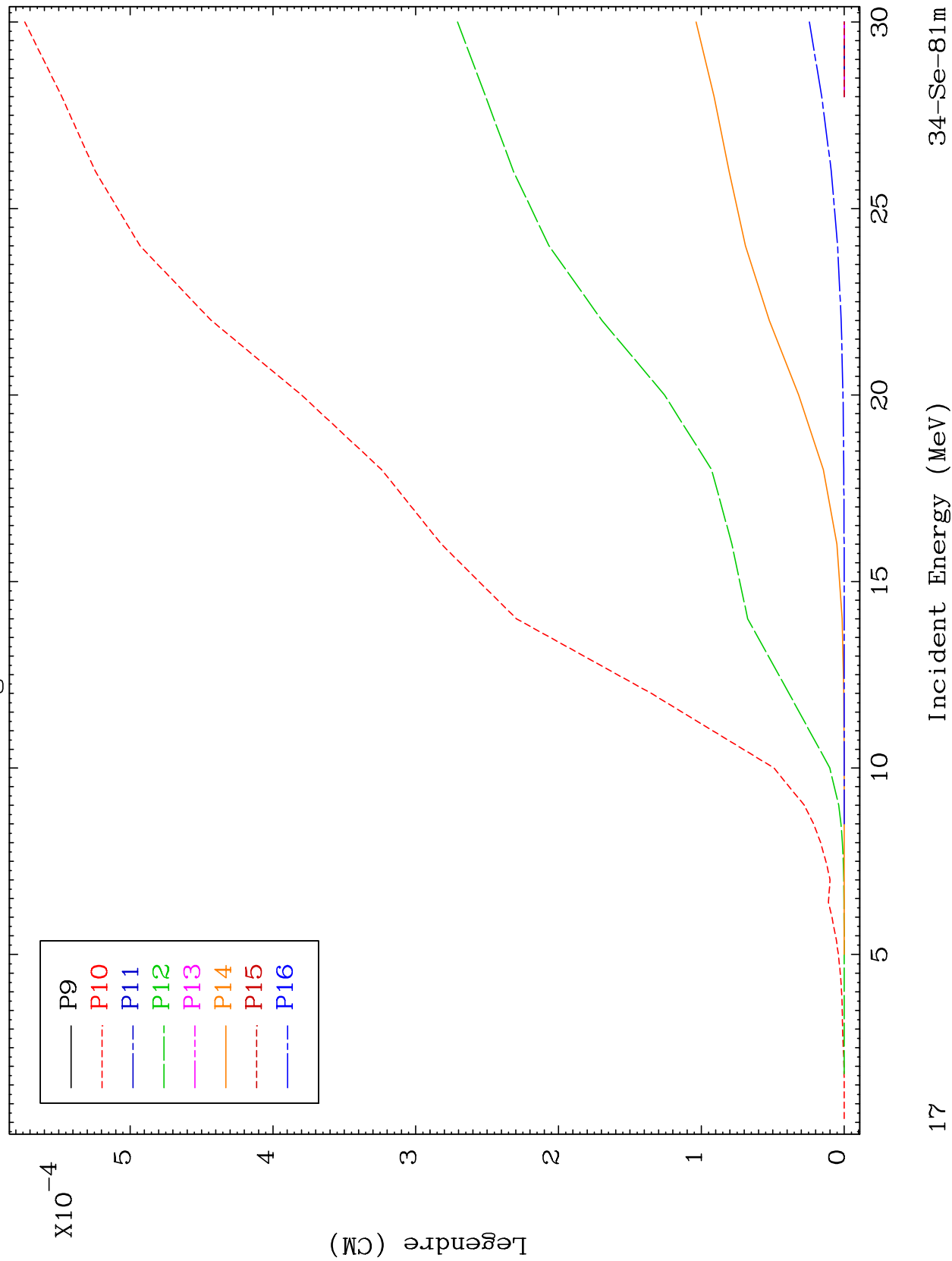
Incident Energy (MeV)

³⁴Se-81m

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Elastic Legendre Coefficients

³⁴Se-81m



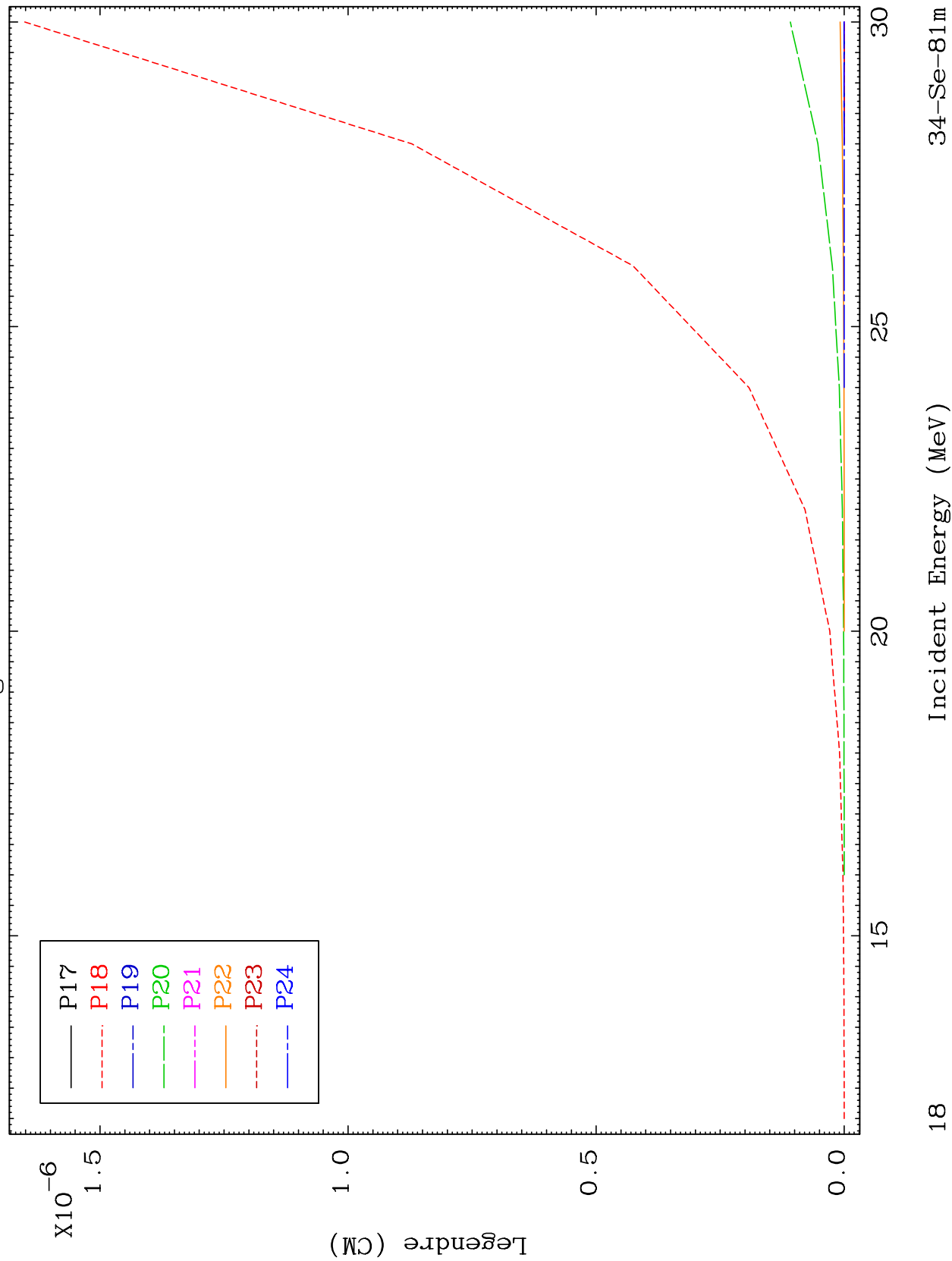
17

³⁴Se-81m

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Elastic
Legendre Coefficients

³⁴Se-81m



18

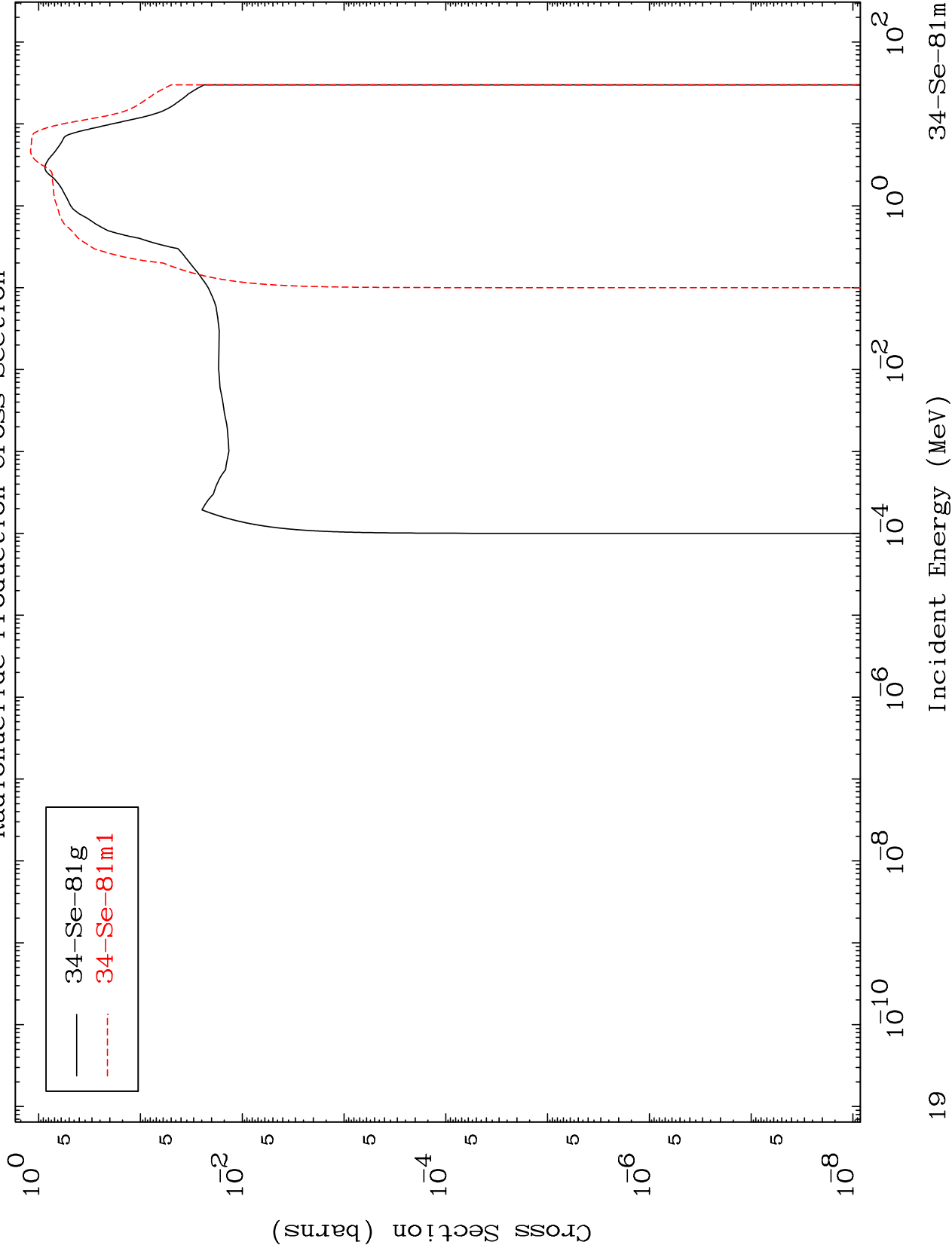
Incident Energy (MeV)

³⁴Se-81m

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Inelastic
Radionuclide Production Cross Section

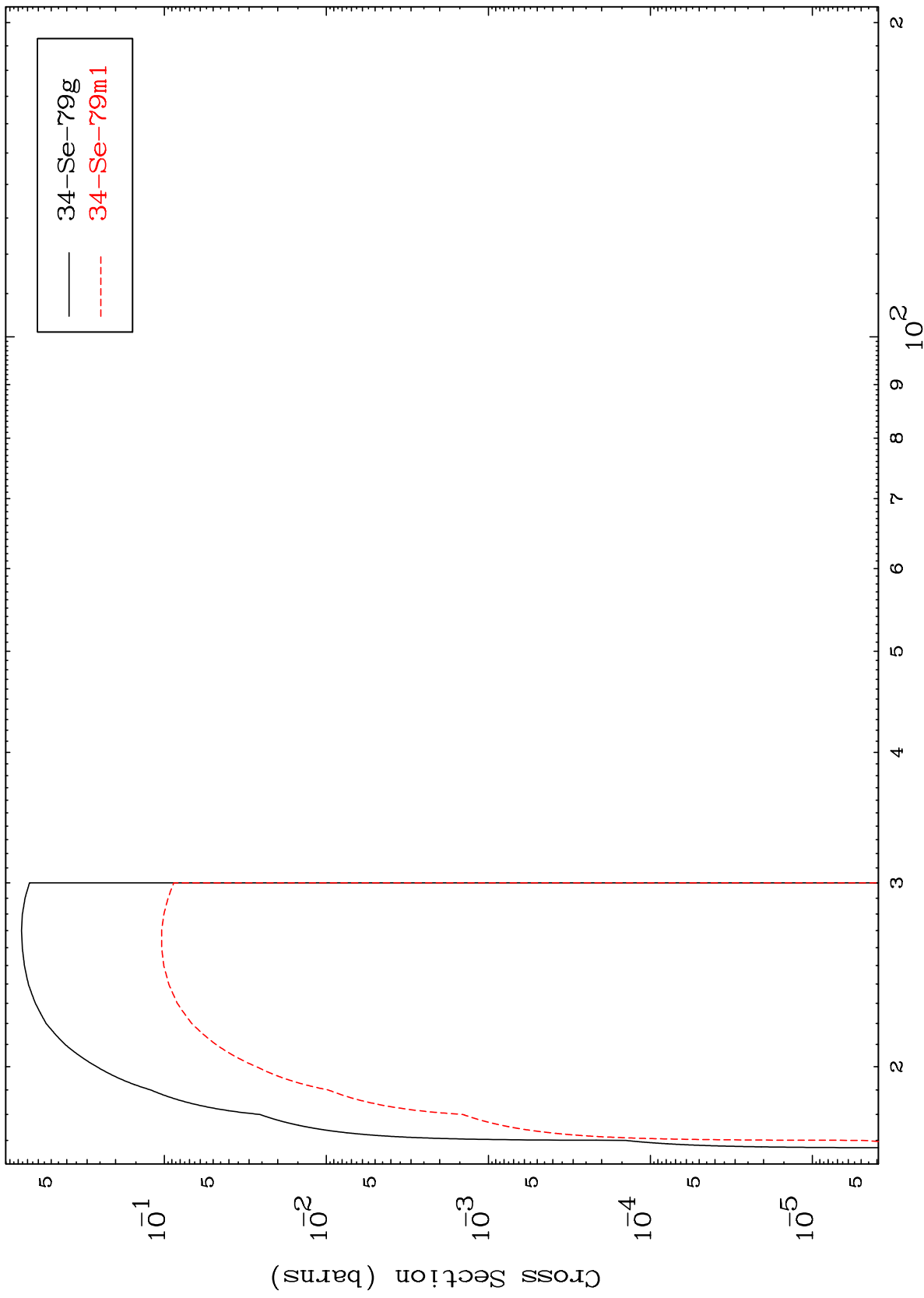
³⁴Se-81m



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34-Se-81m

(n,3n)
Radionuclide Production Cross Section



34-Se-81m

Incident Energy (MeV)

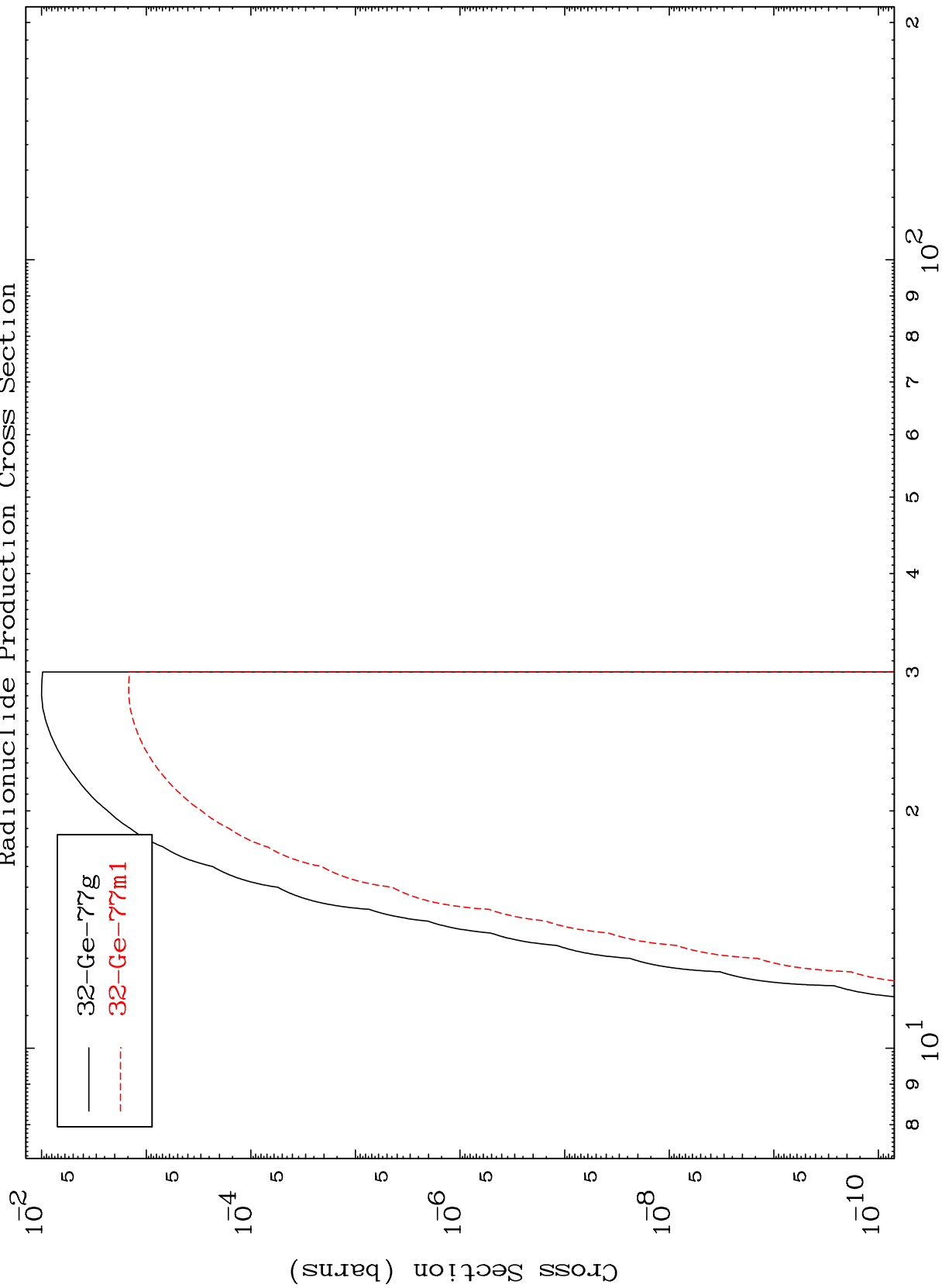
20

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$(n, n') \alpha$

$^{34}\text{Se-81m}$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

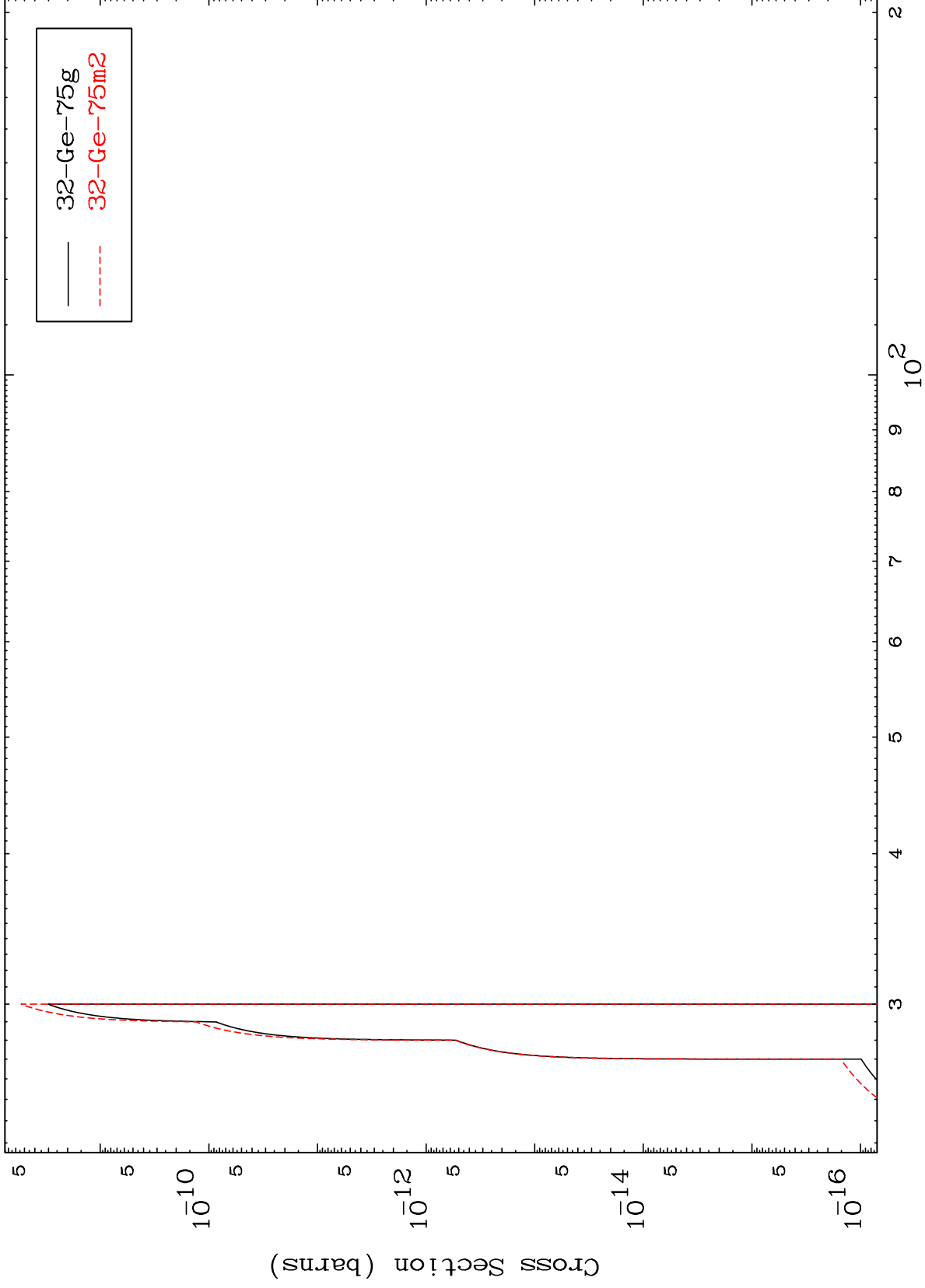
$^{34}\text{Se-81m}$

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(n,3n) α

34-Ge-81m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

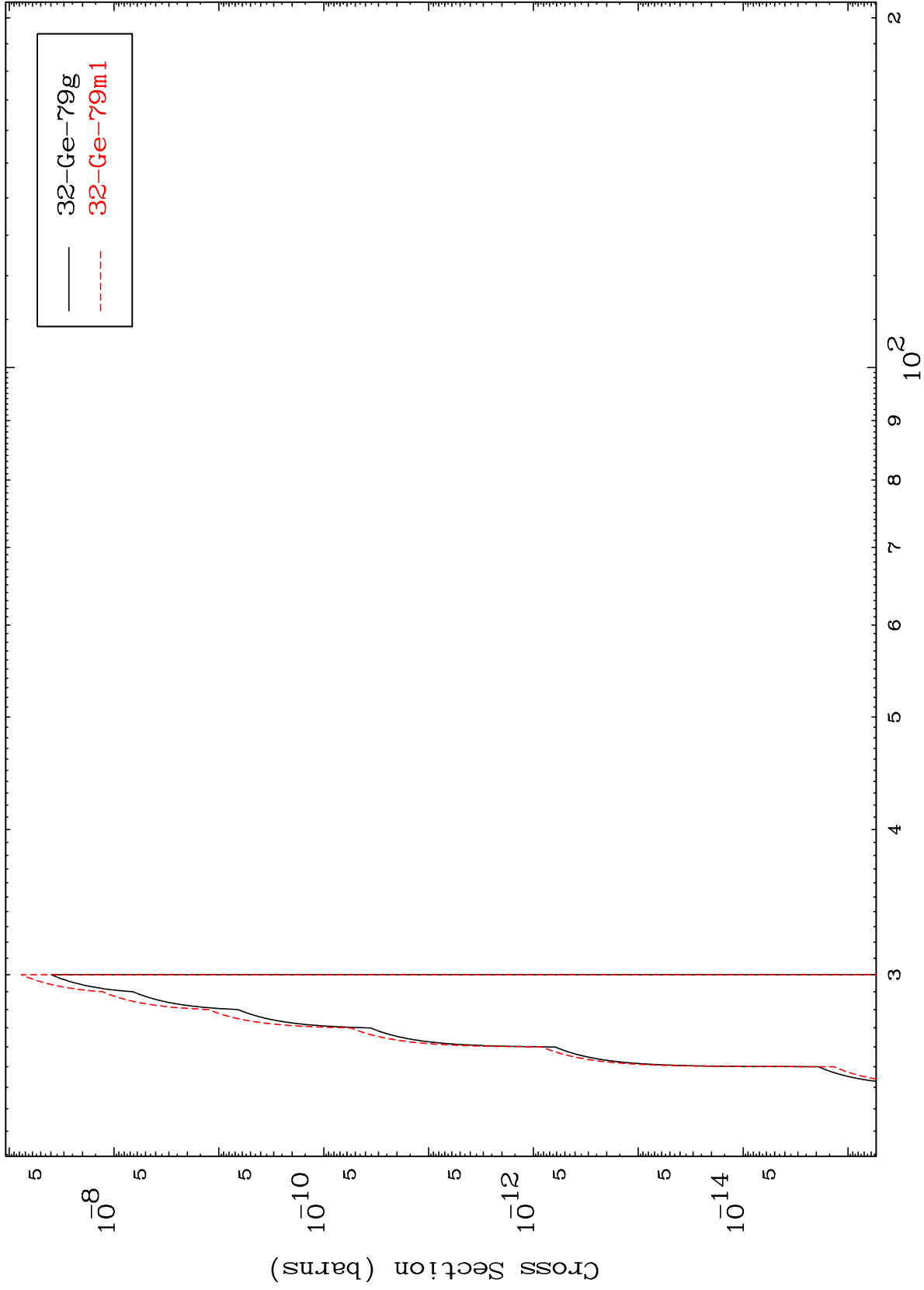
34-Ge-81m

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(n,2n) p

³⁴Se-81m

Radionuclide Production Cross Section



23

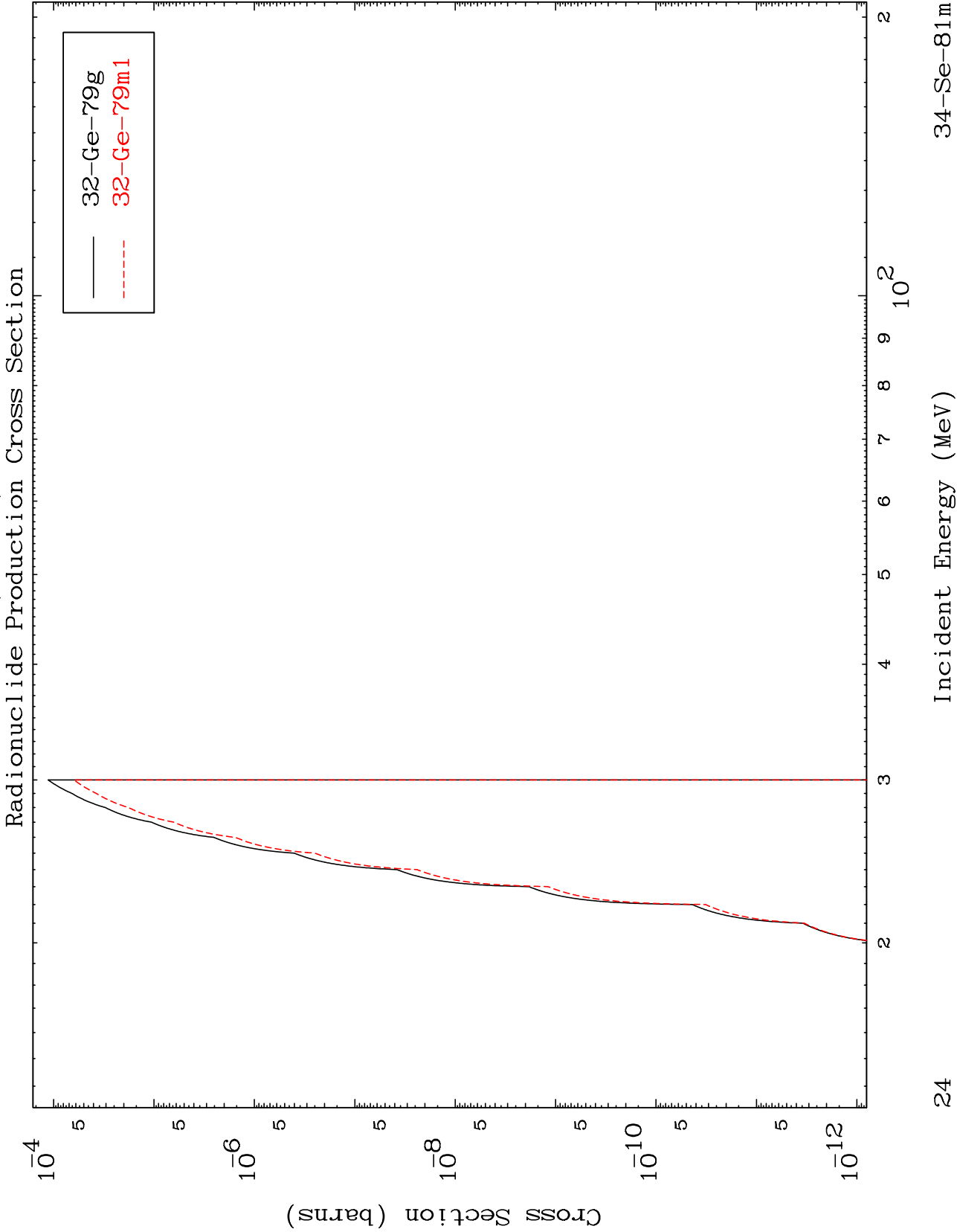
Incident Energy (MeV)

³⁴Se-81m

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(n,He-3)

34-Ge-81m



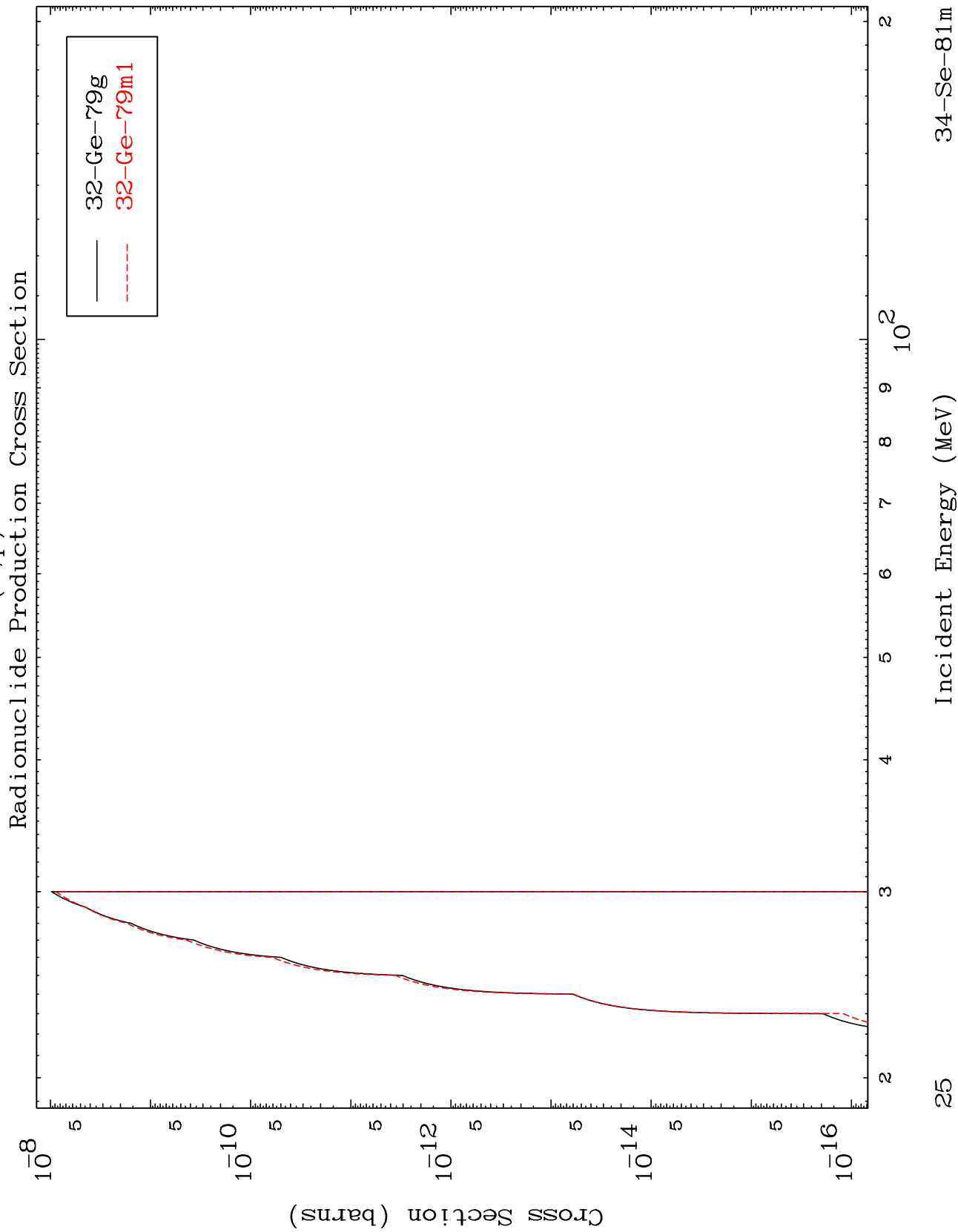
24

34-Ge-81m

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(n,p) d

34-^{Se}-81m



25

34-^{Se}-81m