

Program EVALPLOT
(Version 2015-2)

by

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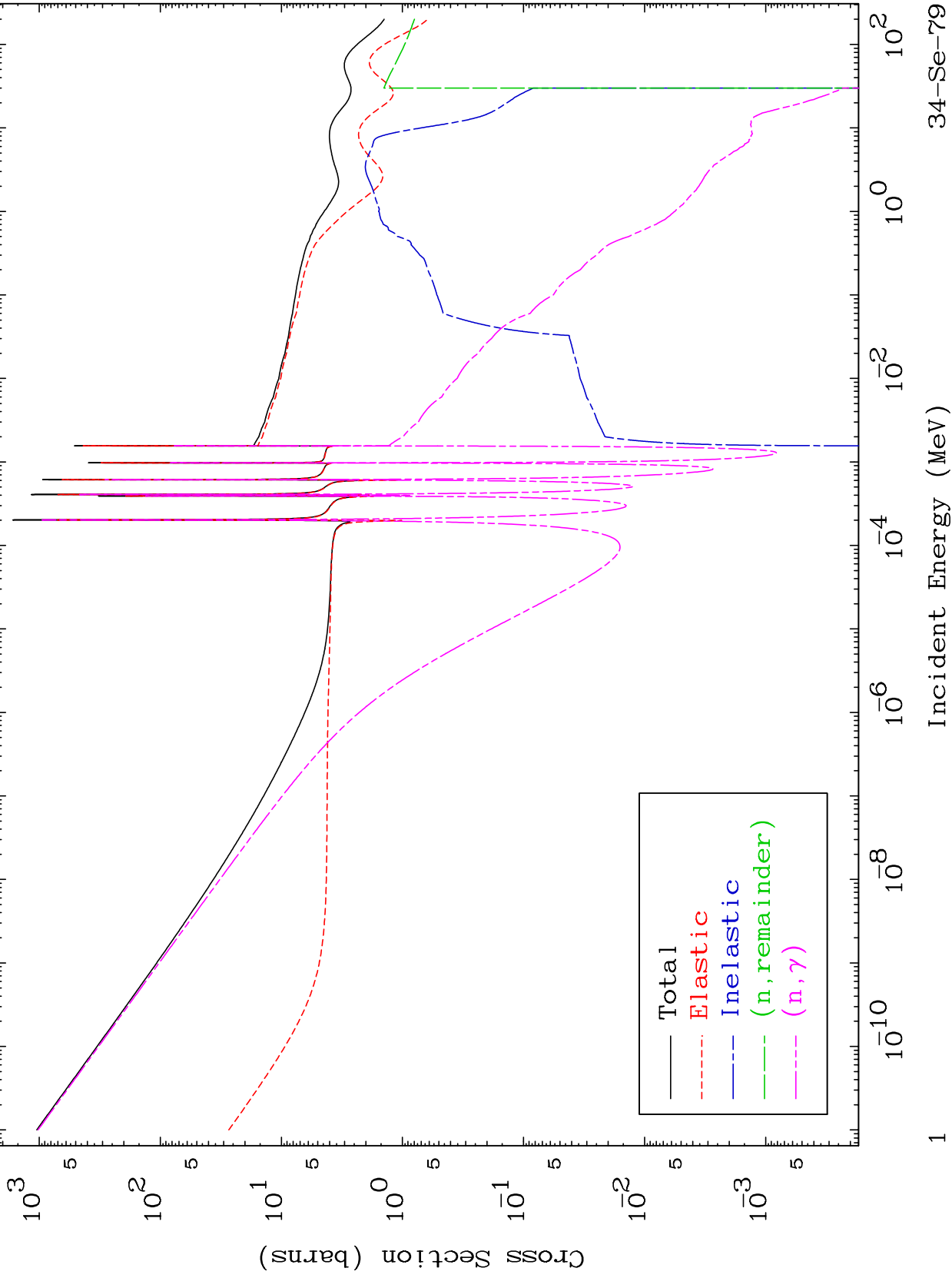
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3441

Major
293 Kelvin Cross Sections

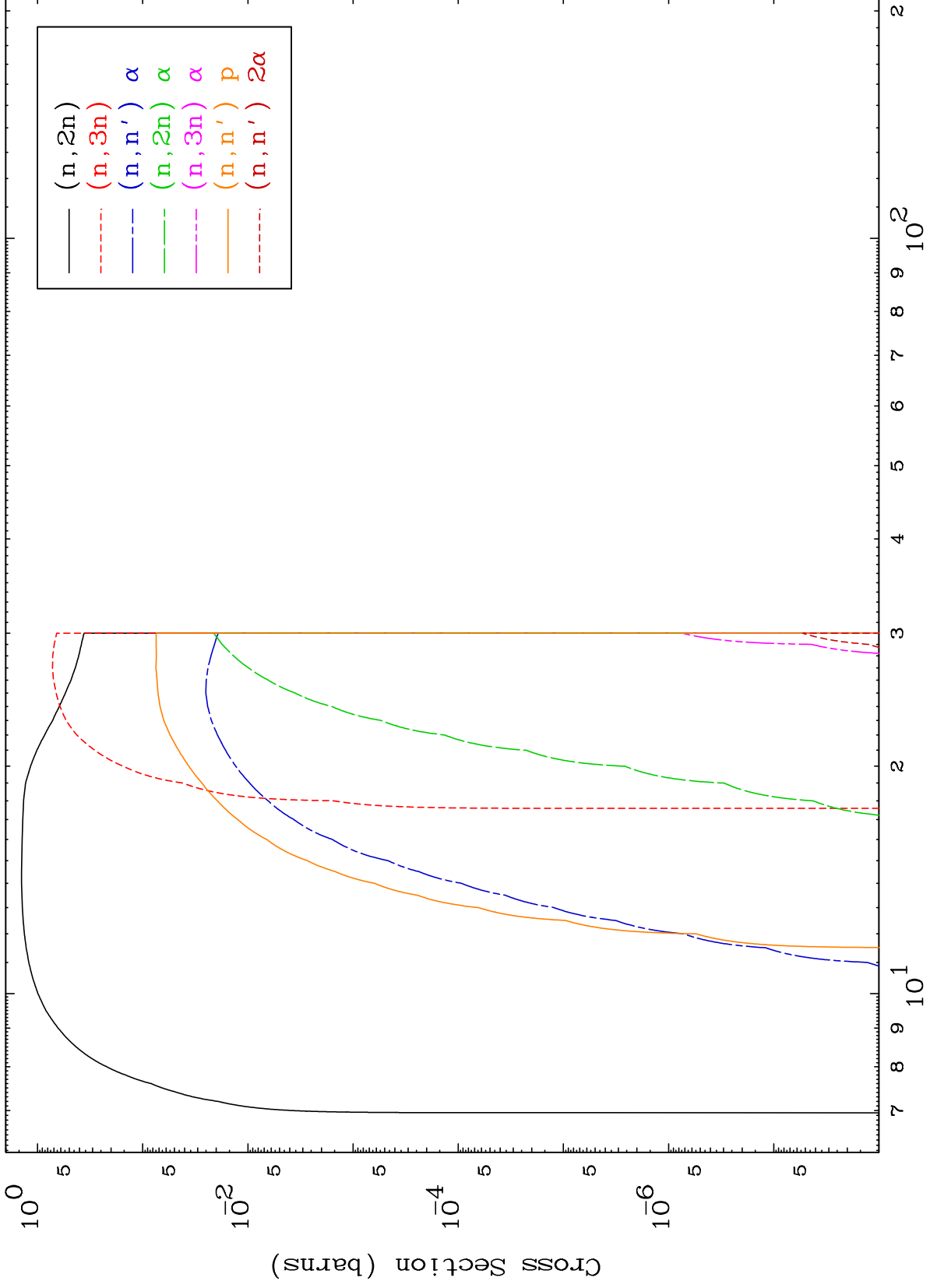
³⁴Se-79



MAT 3441

Neutron Production
293 Kelvin Cross Sections

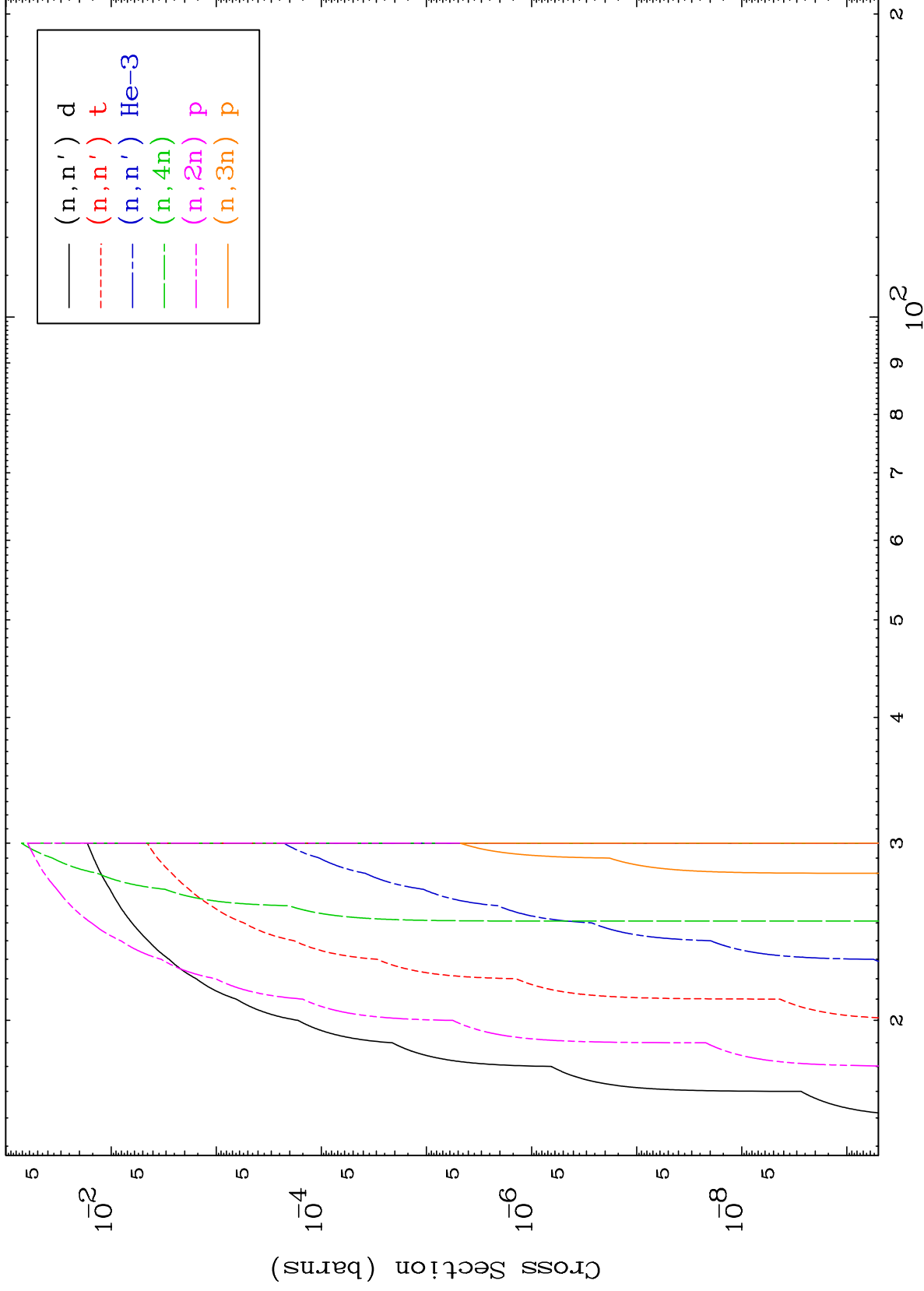
34-Se-79



2

Incident Energy (MeV)

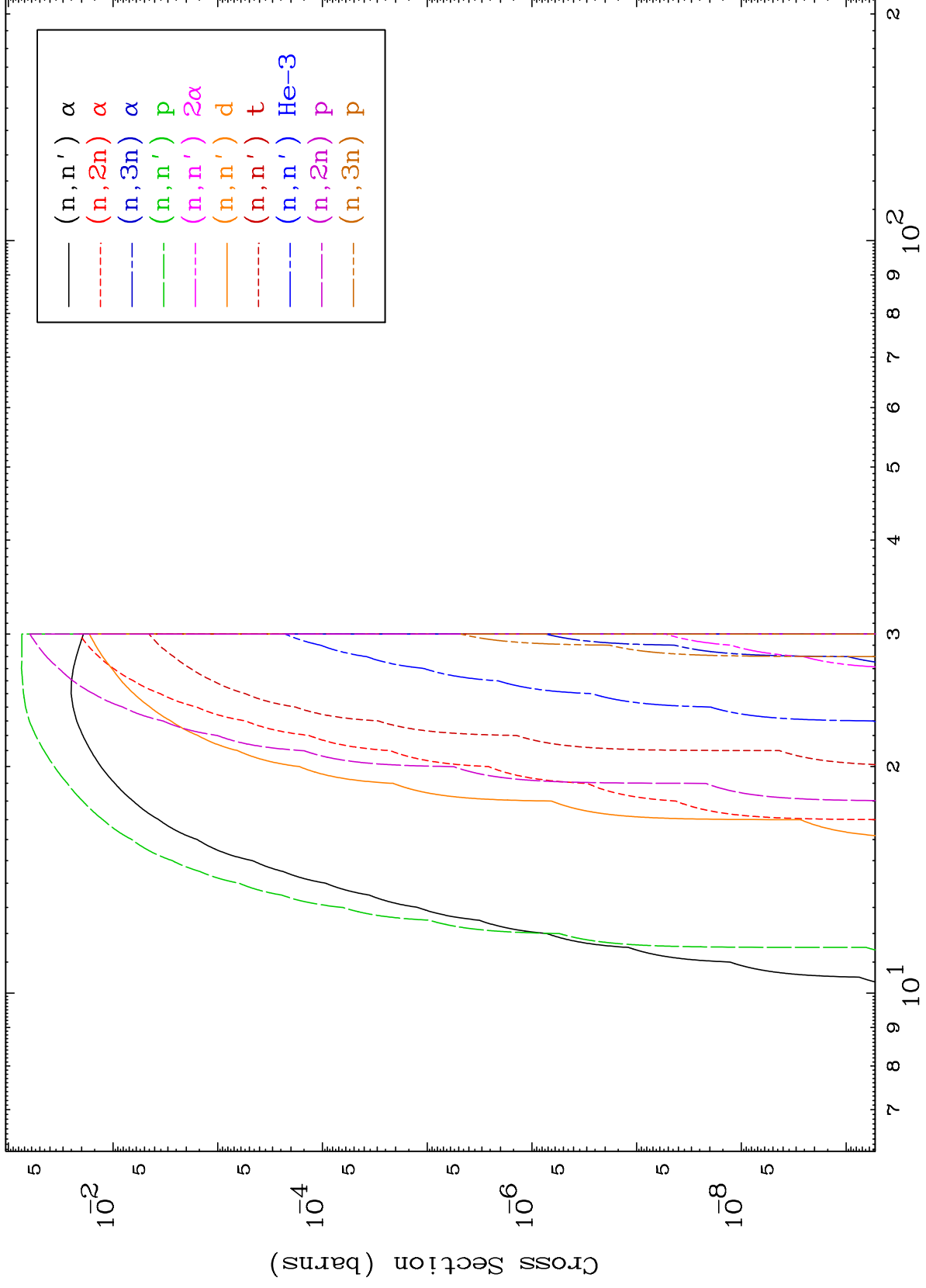
34-Se-79



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Charged Particle
293 Kelvin Cross Sections

³⁴Se-79



4

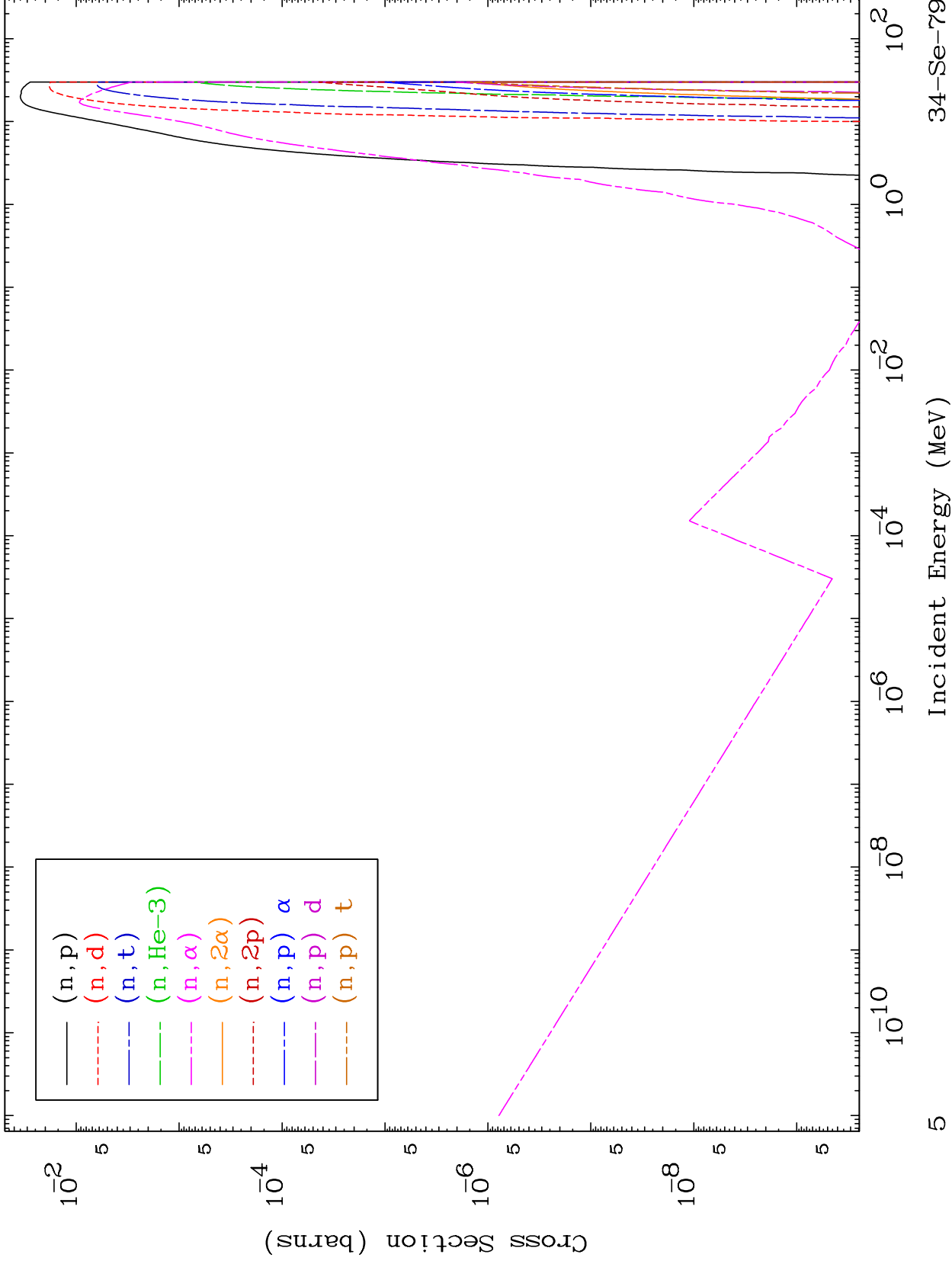
Incident Energy (MeV)

³⁴Se-79

MAT 3441

Charged Particle
293 Kelvin Cross Sections

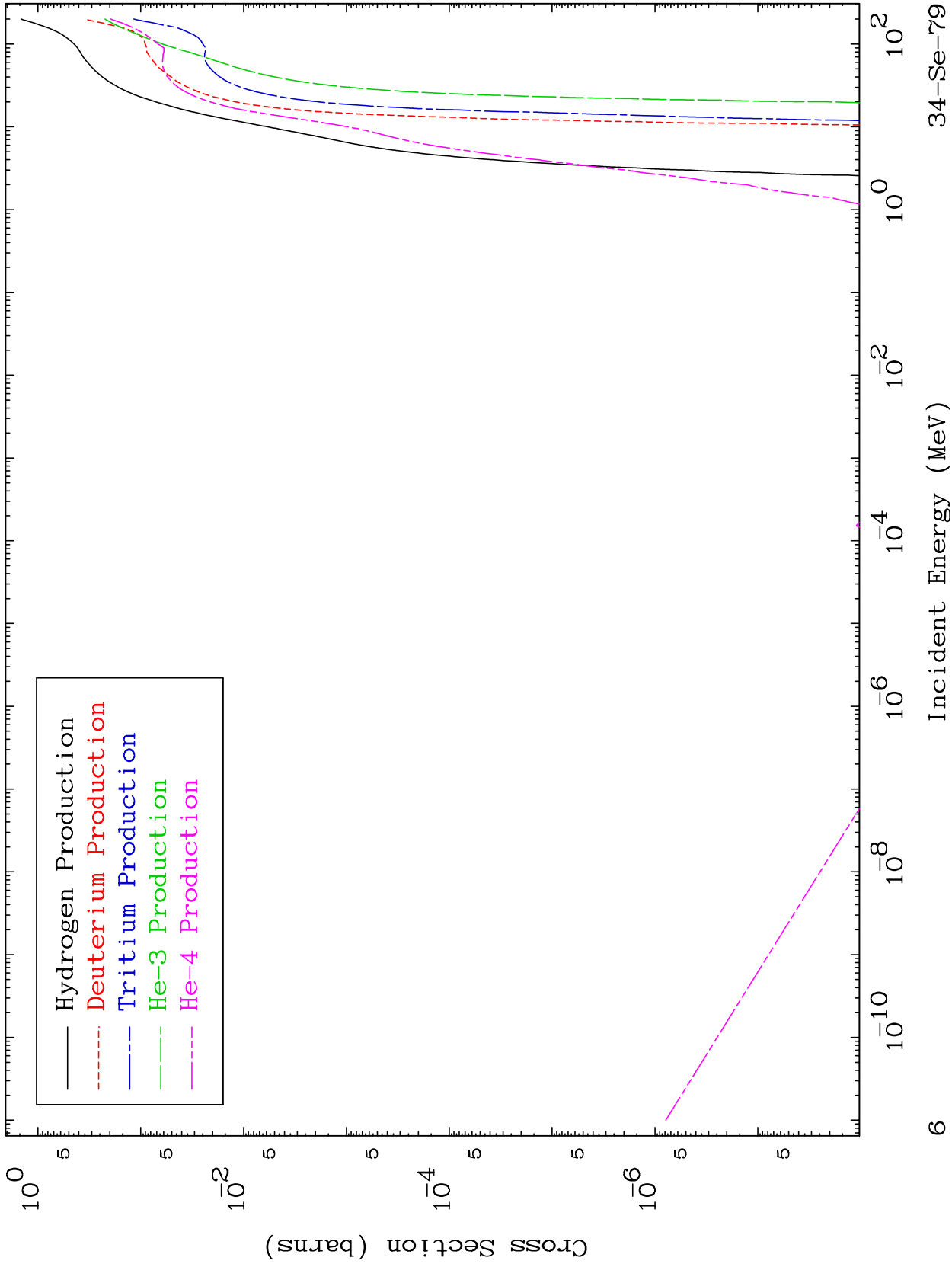
34-Se-79



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Particle Production
293 Kelvin Cross Sections

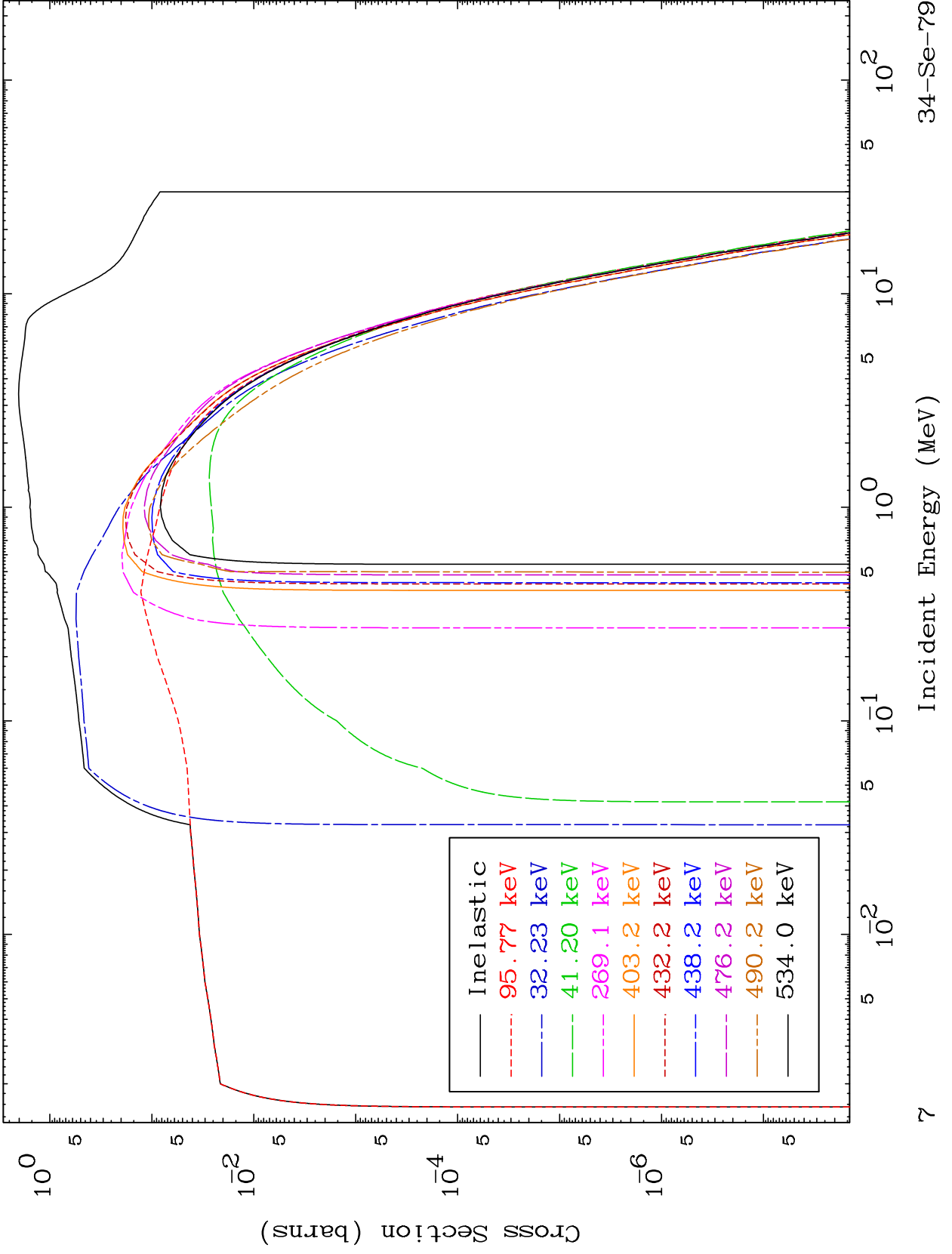
34-Se-79



MAT 3441

(n,n') Level
293 Kelvin Cross Sections

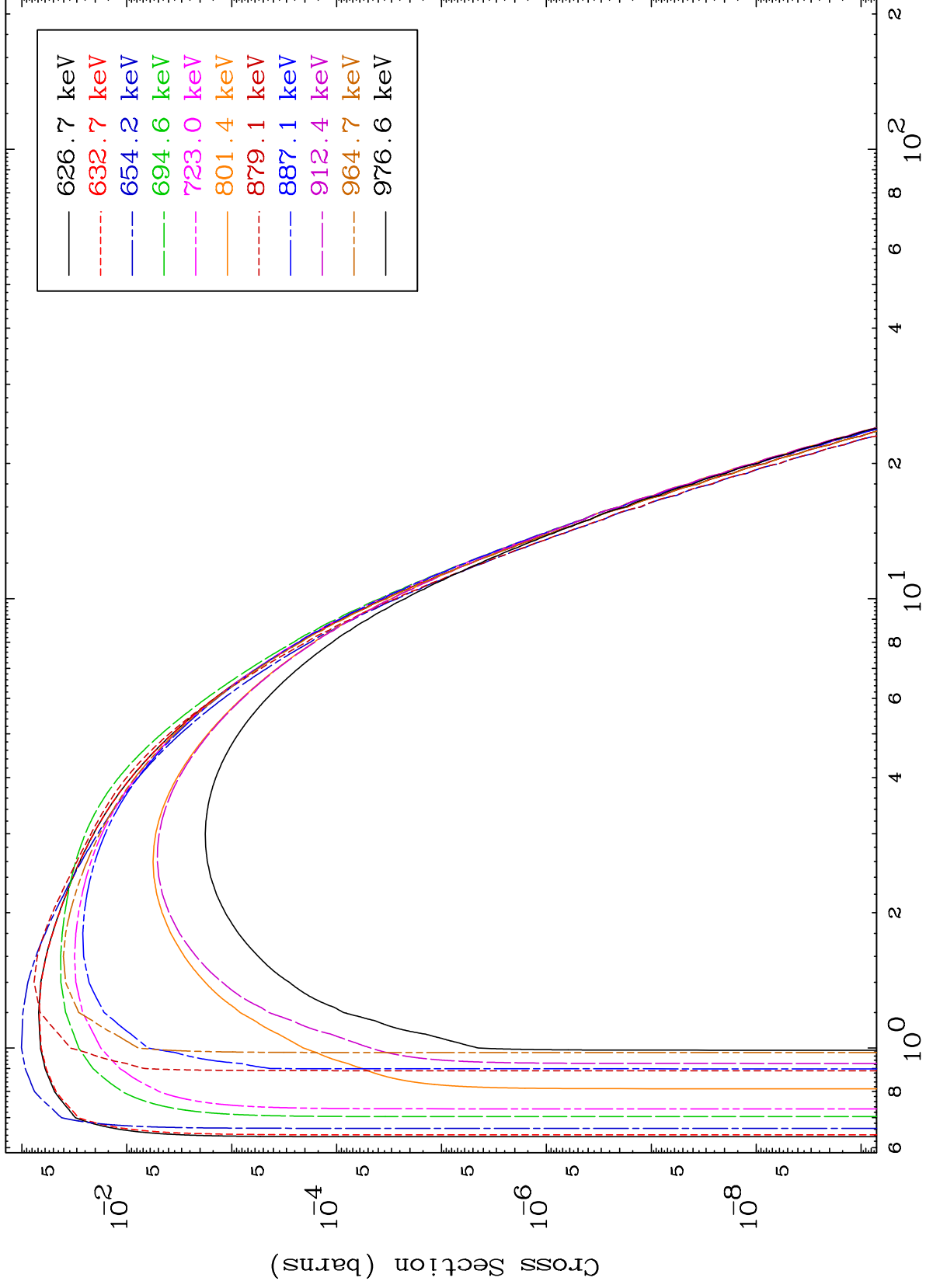
³⁴Se-79



MAT 3441

(n,n') Level
293 Kelvin Cross Sections

³⁴Se-79



Incident Energy (MeV)

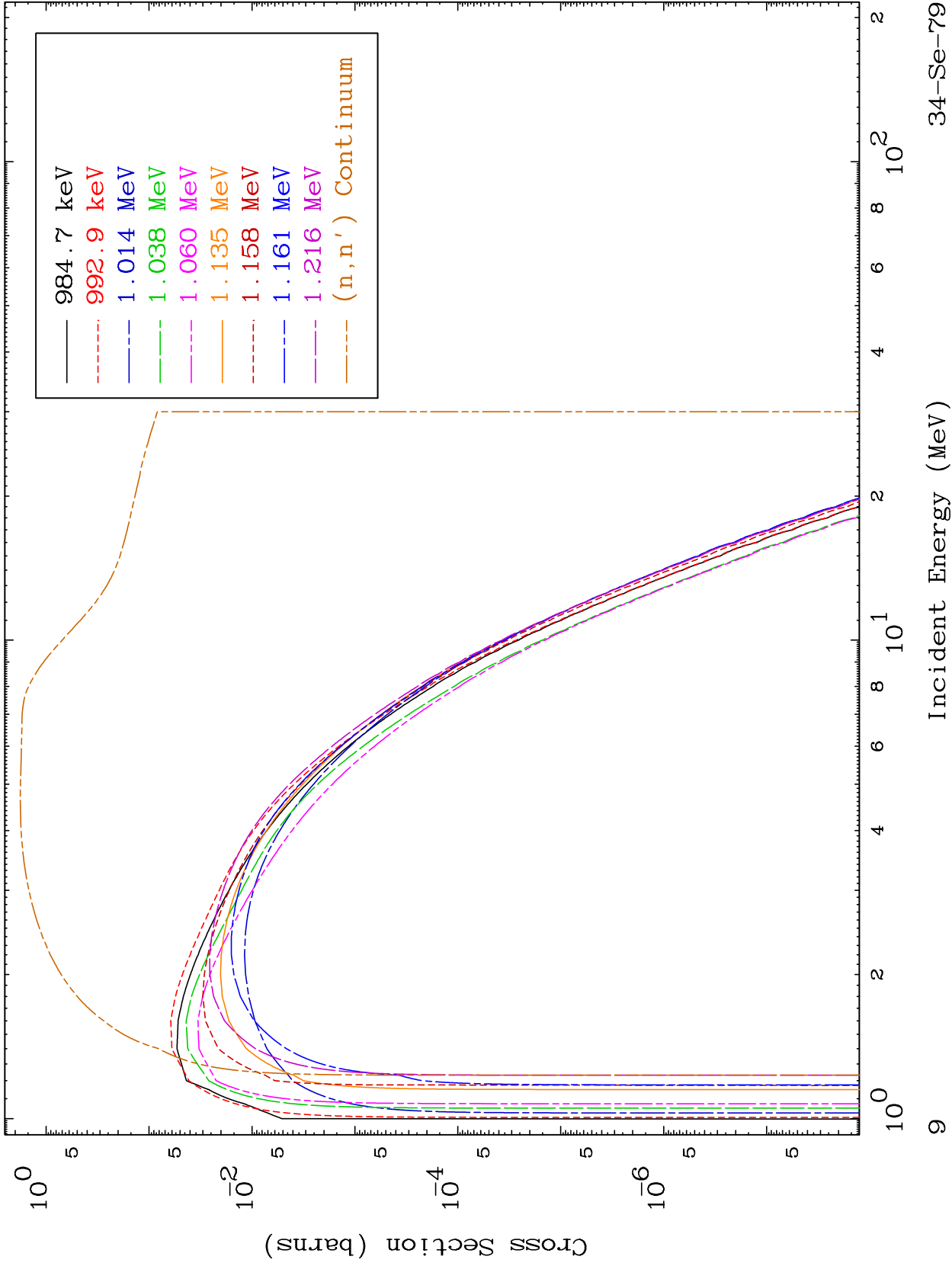
³⁴Se-79

MAT 3441

(n,n') Level

34-Se-79

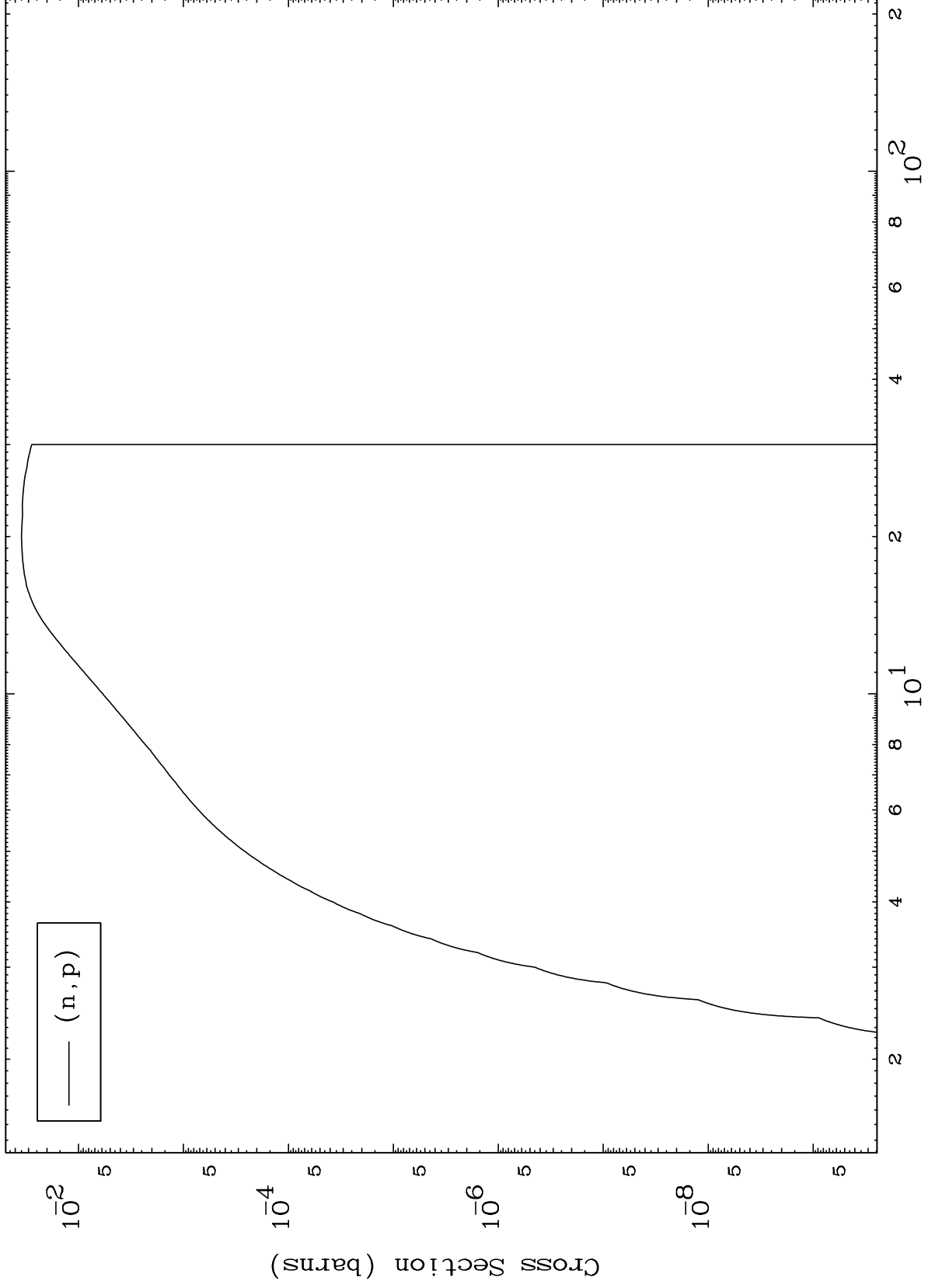
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-79



10

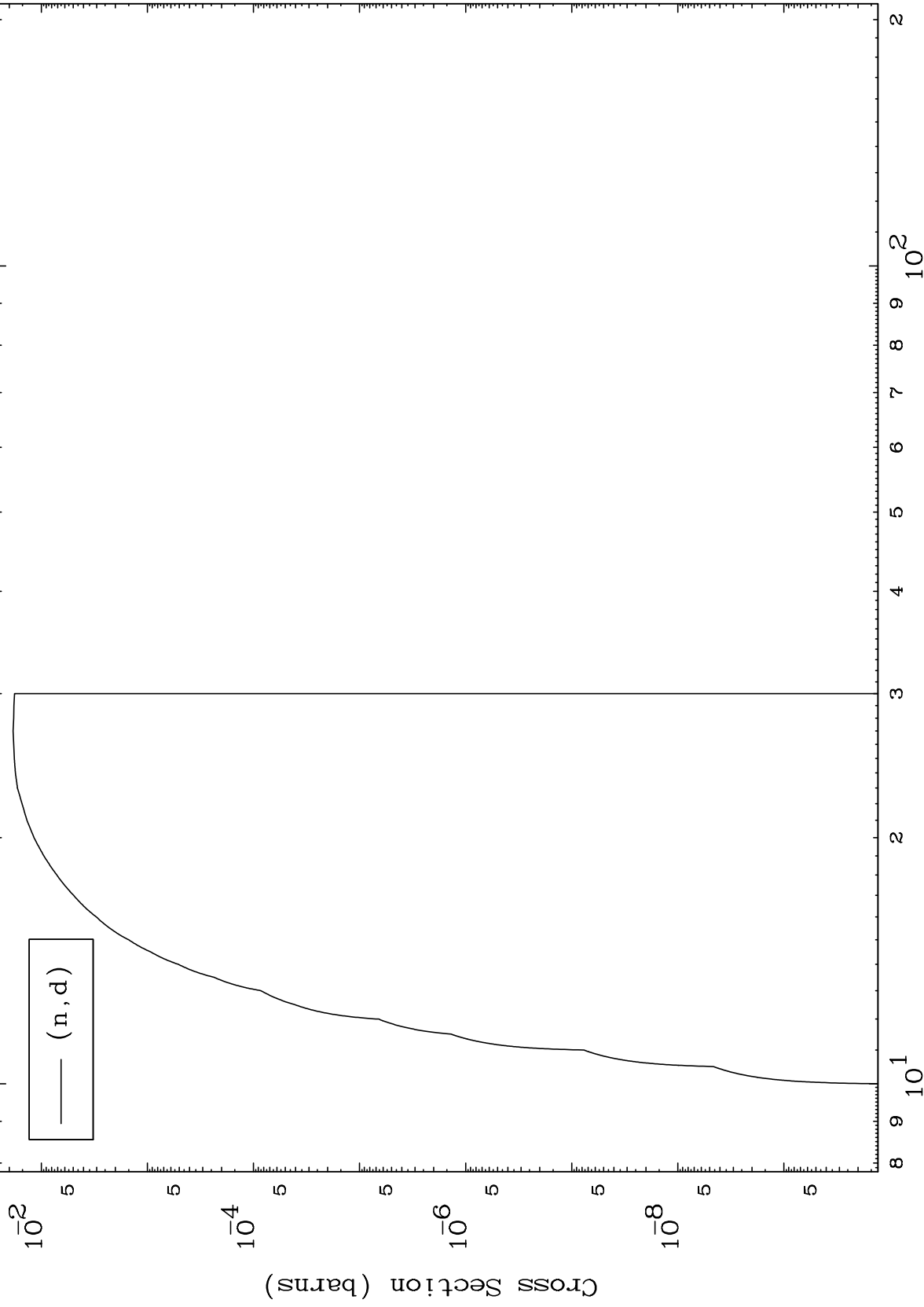
Incident Energy (MeV)

³⁴Se-79

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(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-79



11

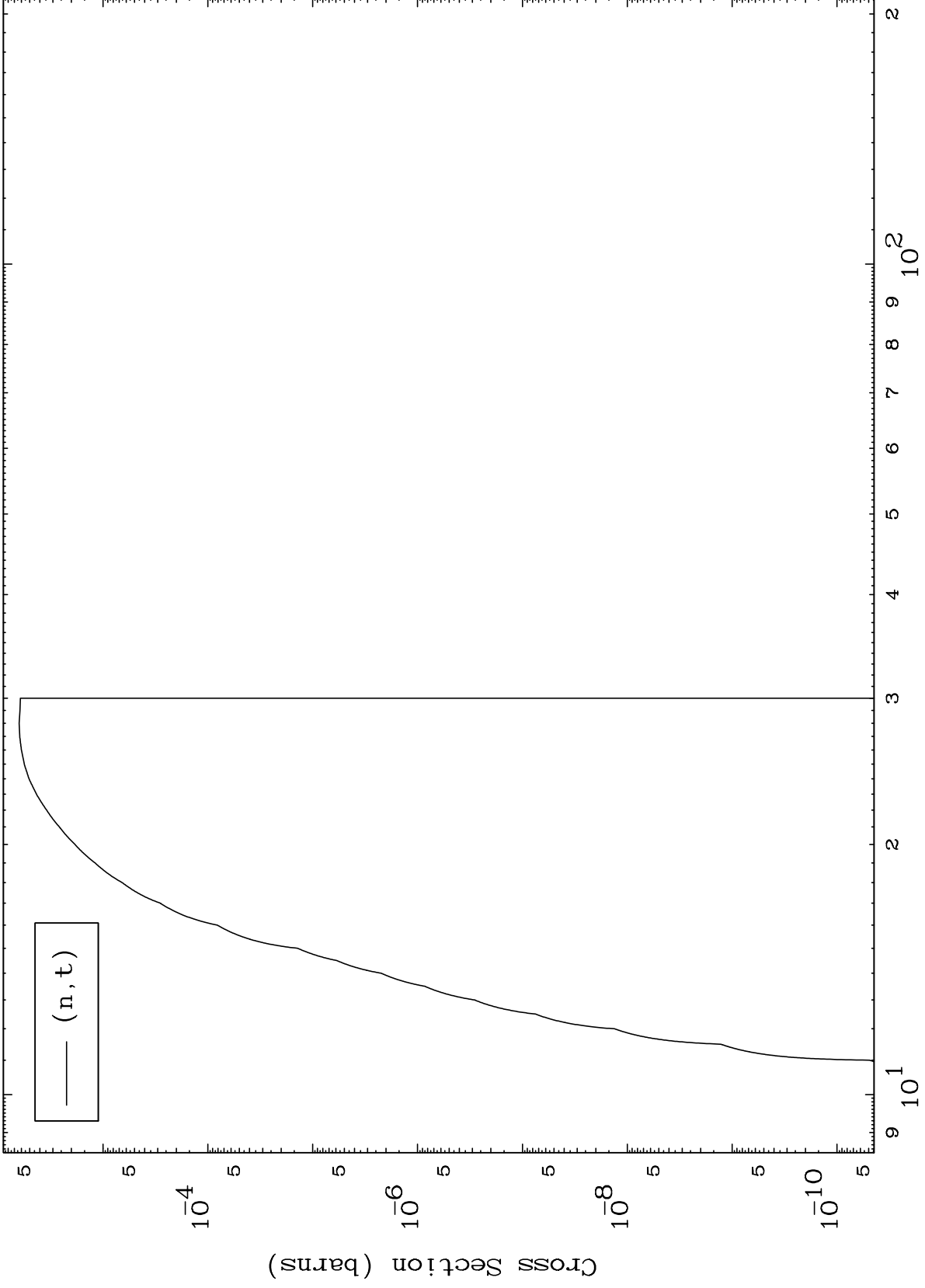
Incident Energy (MeV)

³⁴Se-79

MAT 3441

(n,t) Levels
293 Kelvin Cross Sections

34-Se-79



12

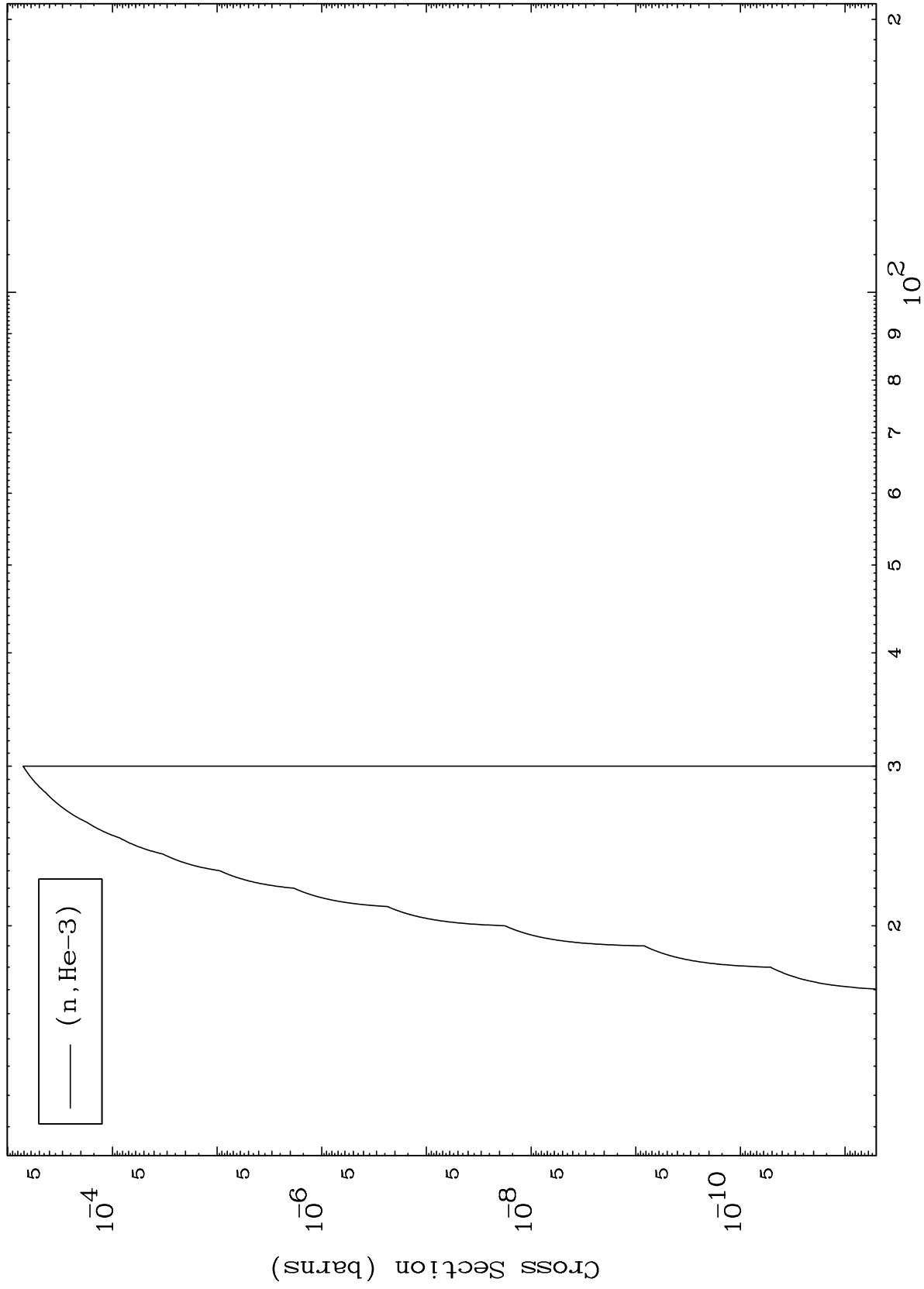
Incident Energy (MeV)

34-Se-79

MAT 3441

(n,He3) Levels
293 Kelvin Cross Sections

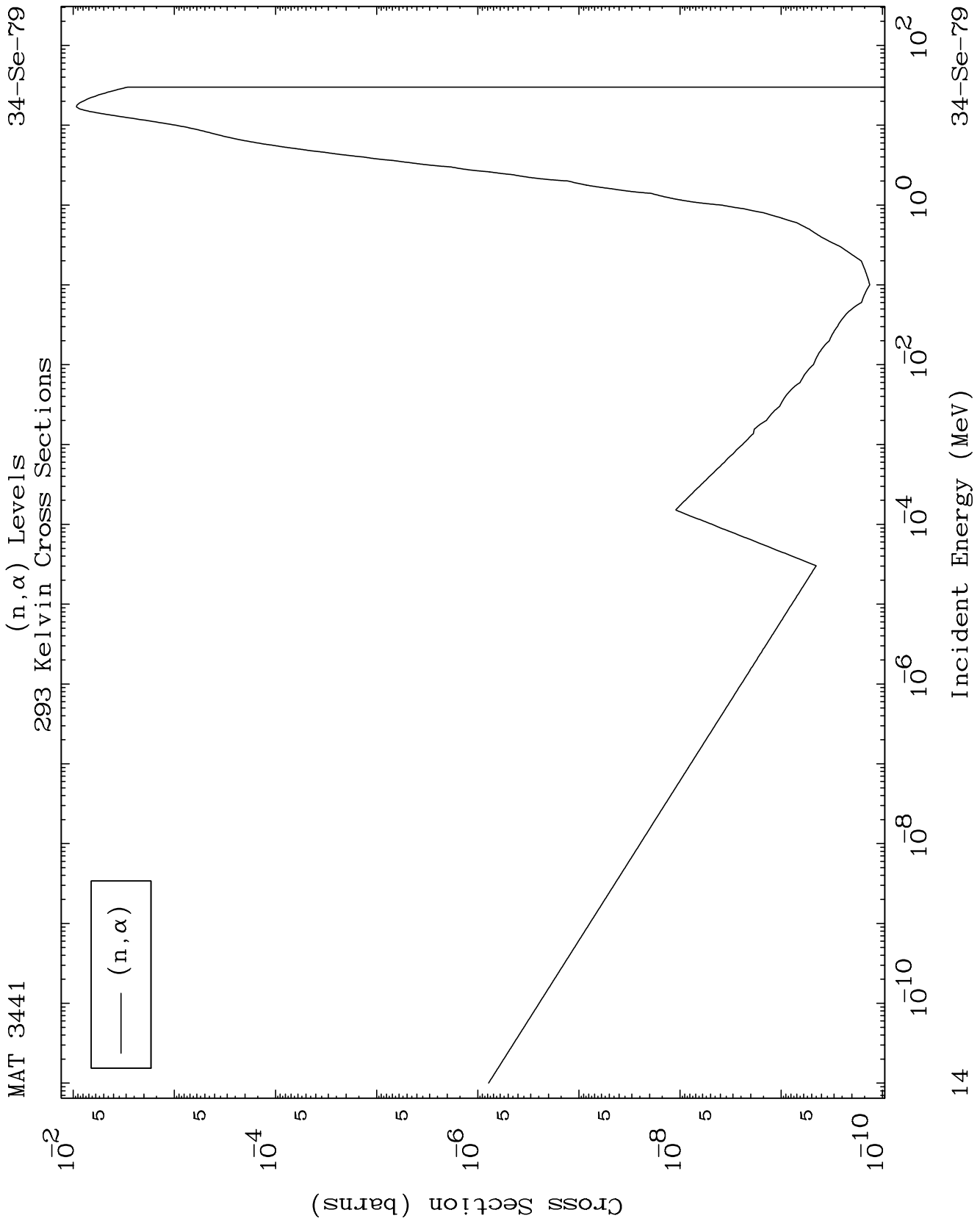
34-Se-79

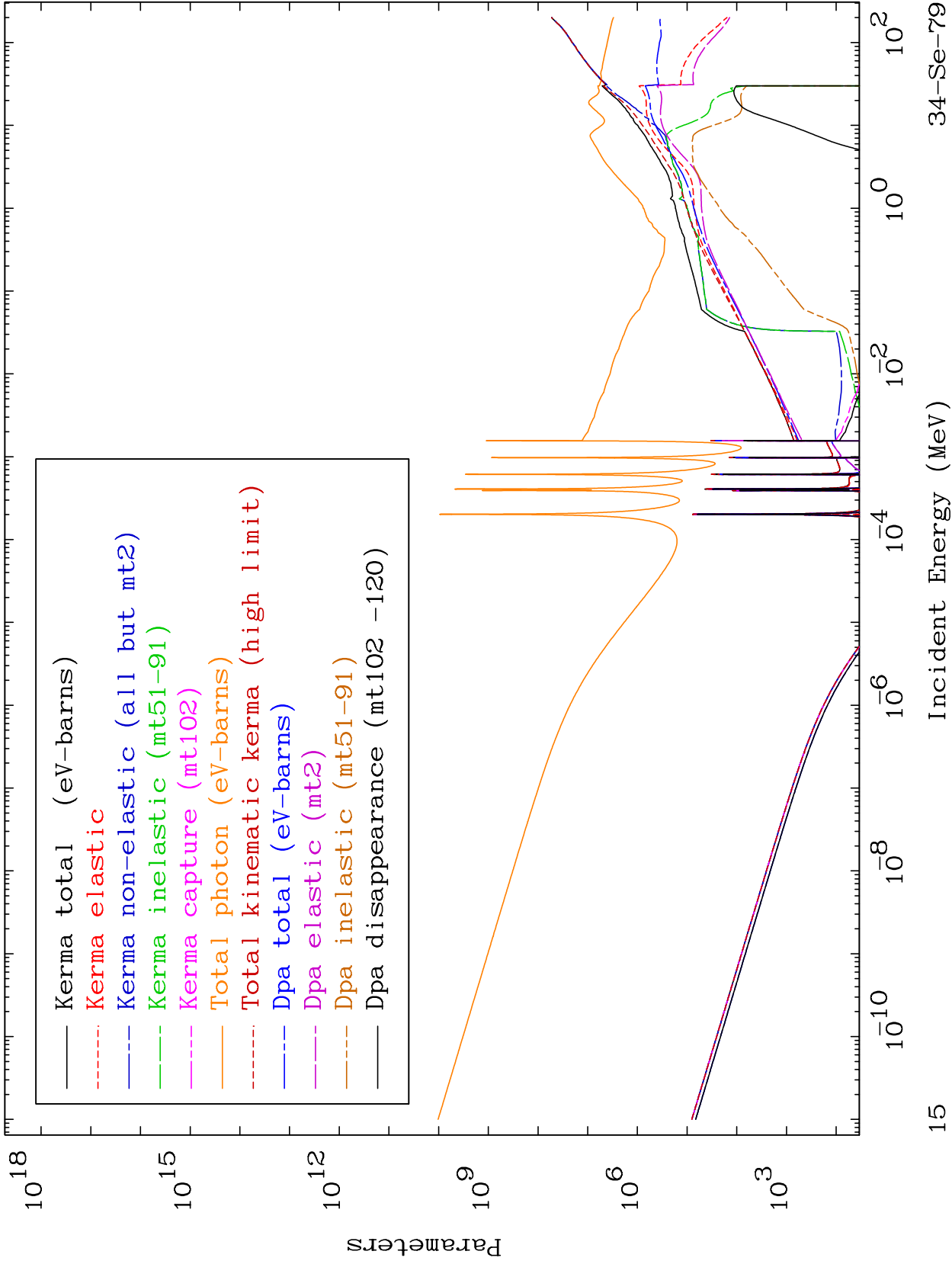


13

Incident Energy (MeV)

34-Se-79

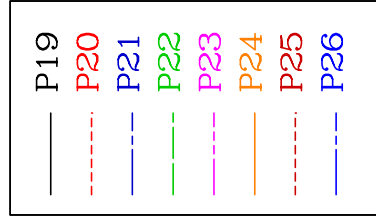




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Elastic
Legendre Coefficients

³⁴Se-79



$\times 10^{-7}$

Legendre (CM)



18

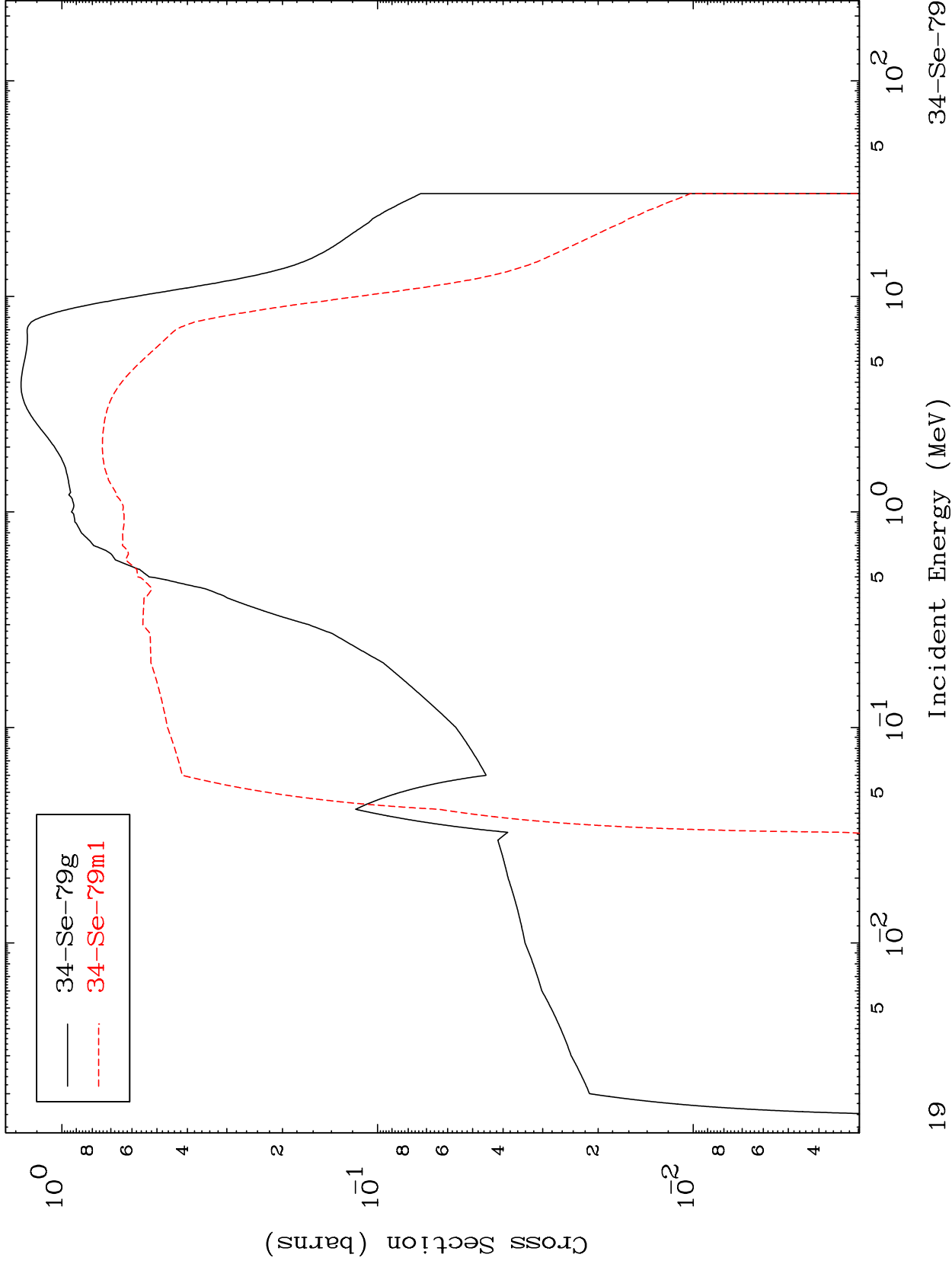
Incident Energy (MeV)

³⁴Se-79

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³⁴Se-79

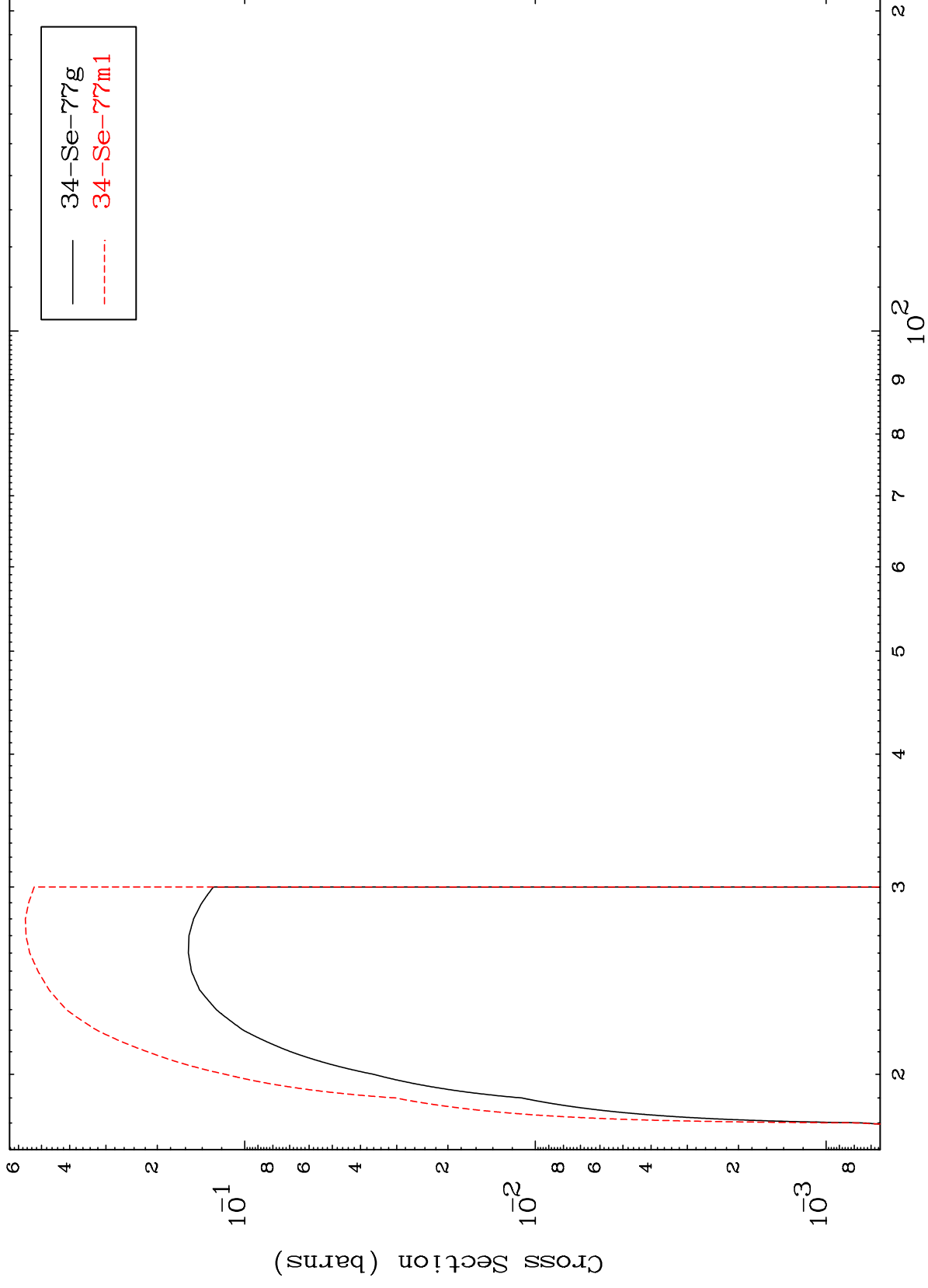
Radionuclide Production Cross Section



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³⁴Se-79

(n,3n)
Radionuclide Production Cross Section



³⁴Se-79

Incident Energy (MeV)

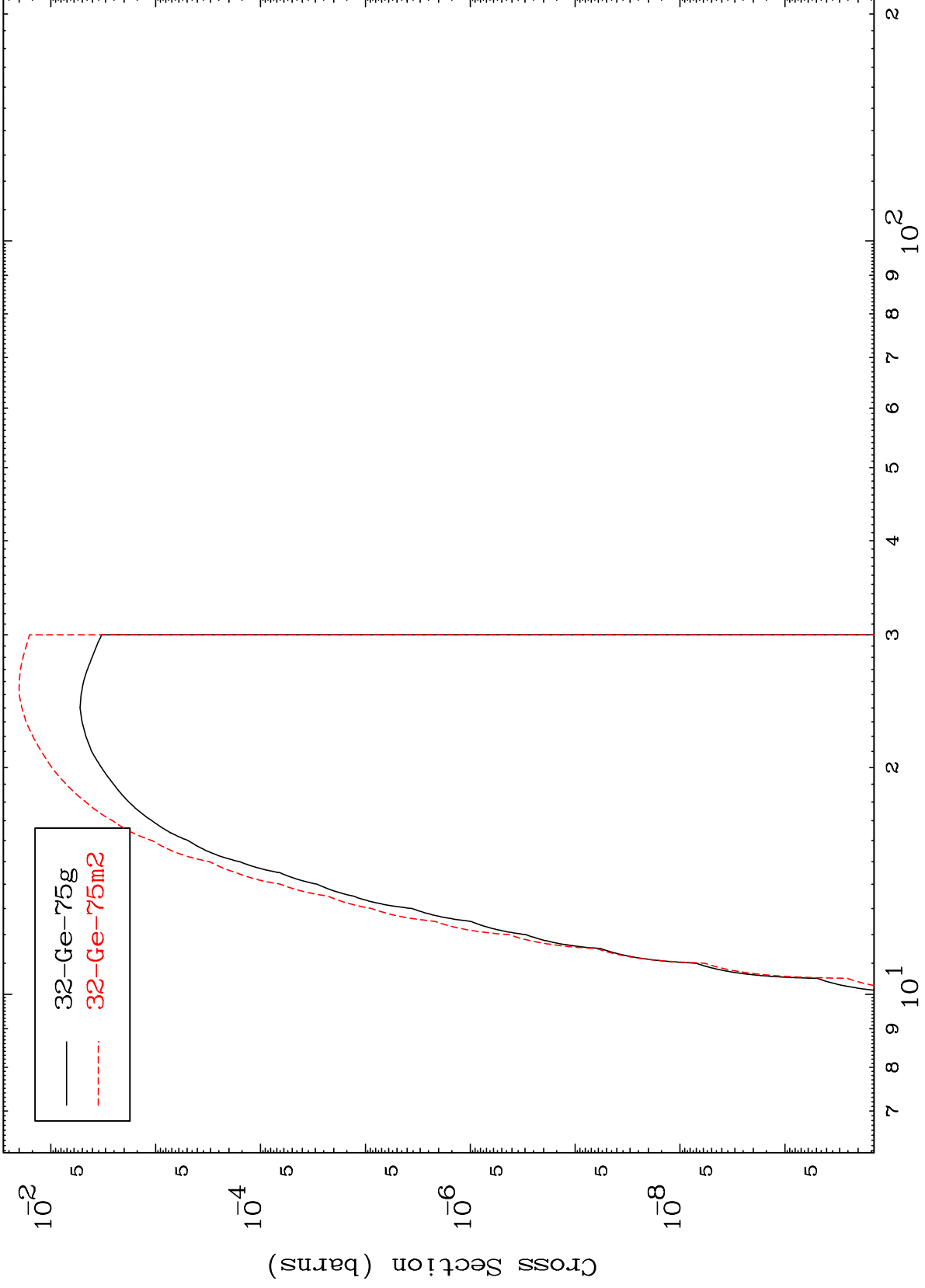
20

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(n, n') α

$^{34}\text{Se-79}$

Radionuclide Production Cross Section

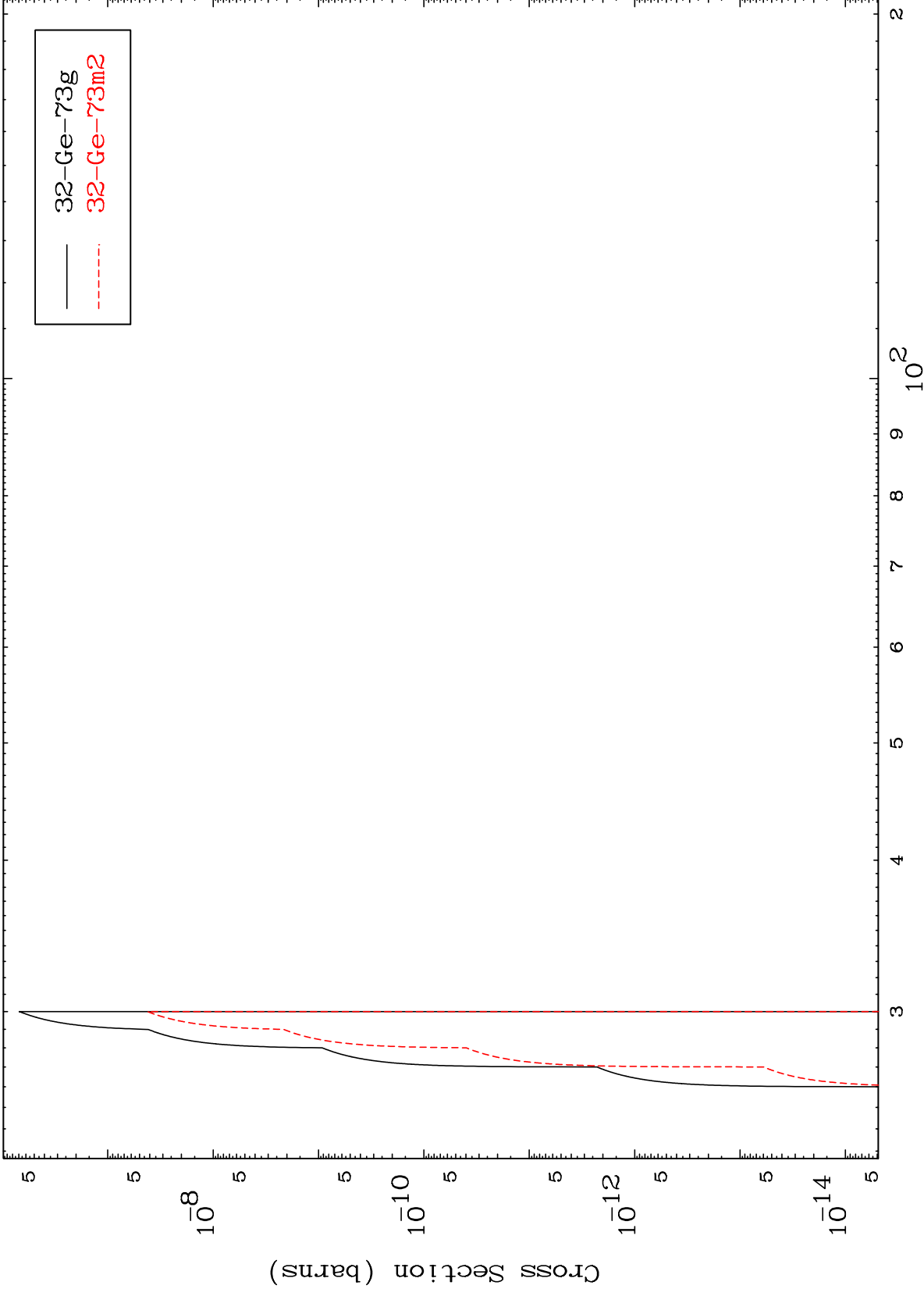


21

Incident Energy (MeV)

$^{34}\text{Se-79}$

Radionuclide Production Cross Section

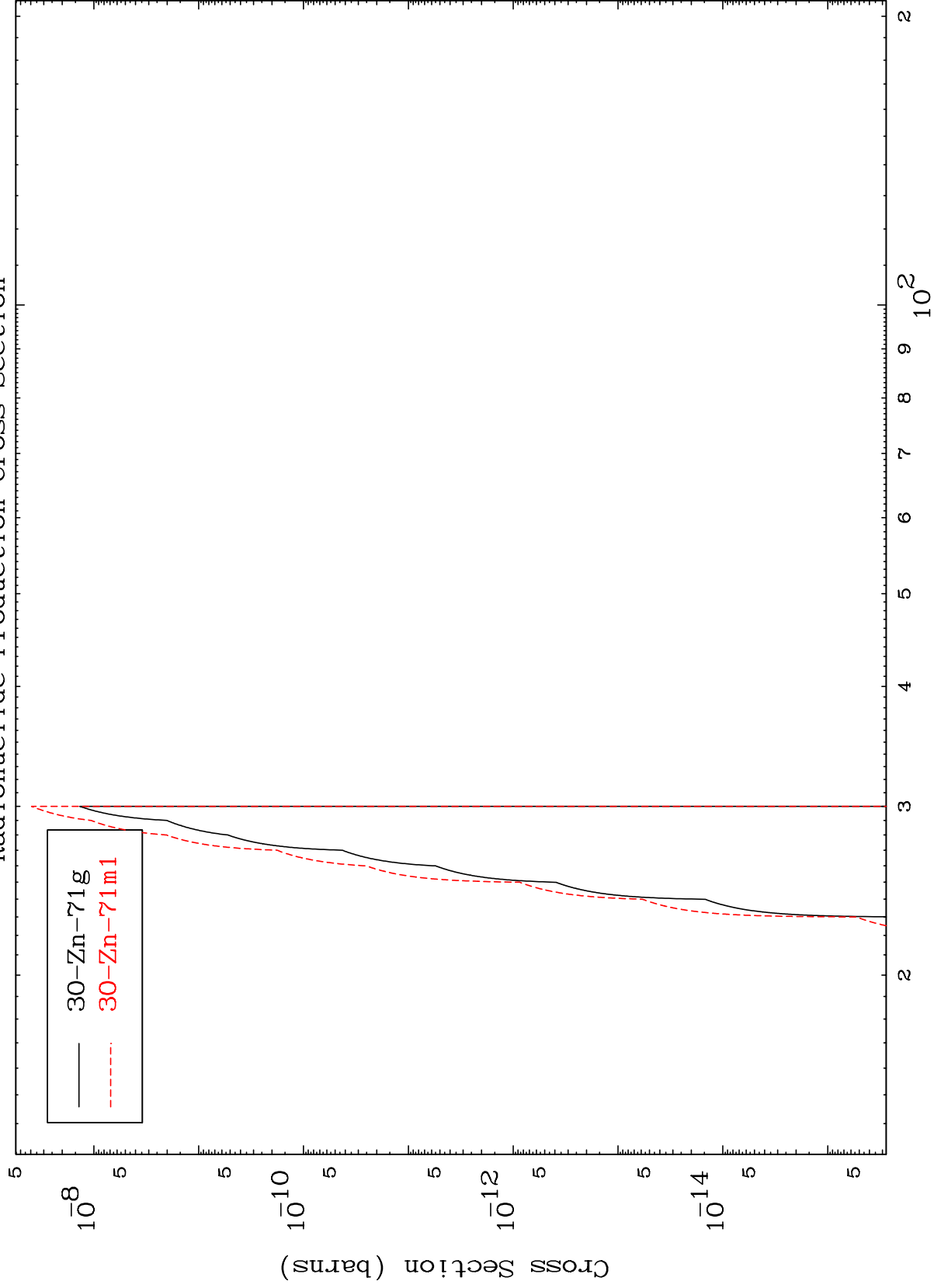


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(n,n') 2 α

34-Se-79

Radionuclide Production Cross Section



23

Incident Energy (MeV)

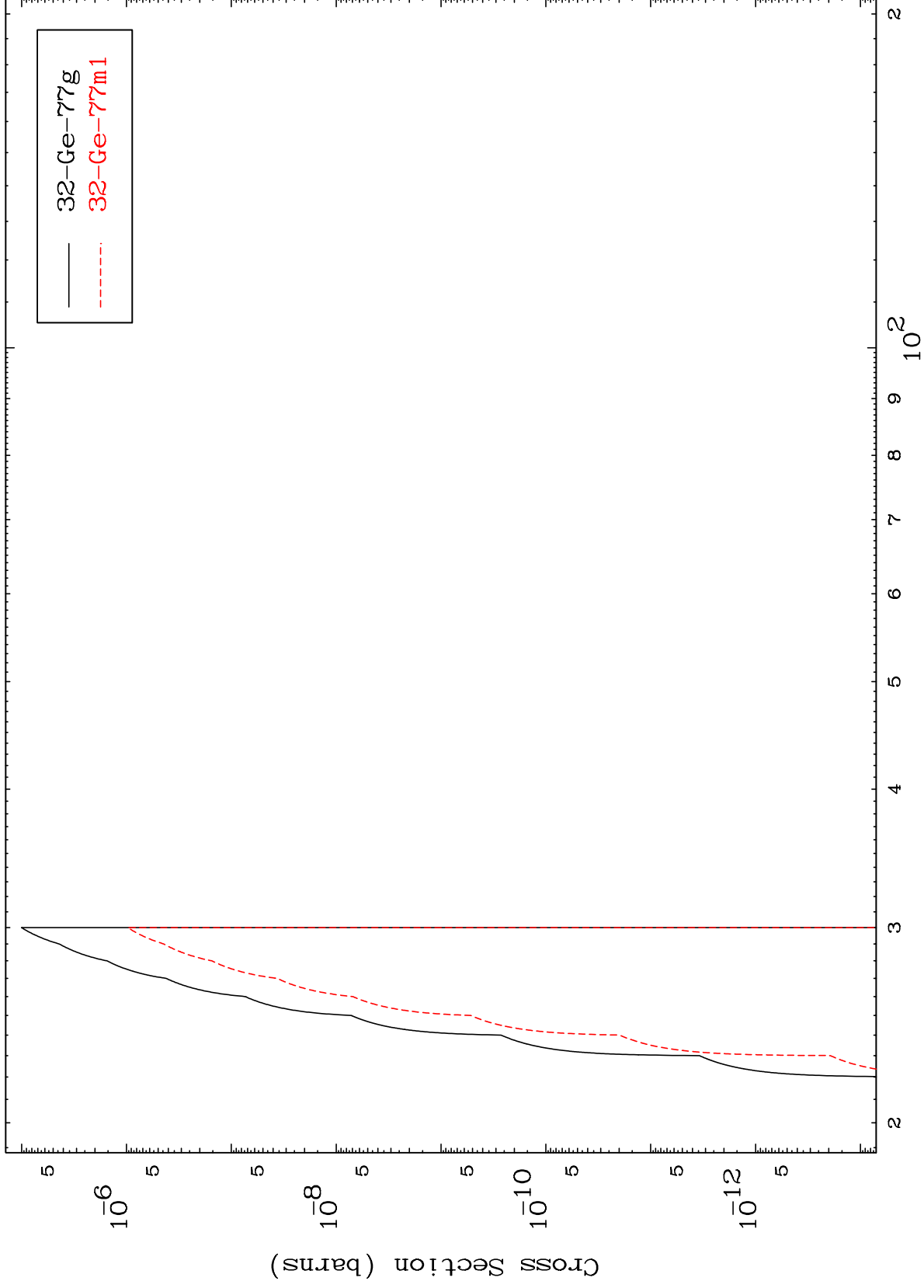
34-Se-79

MAT 3441

(n,2n) p

³⁴Se-79

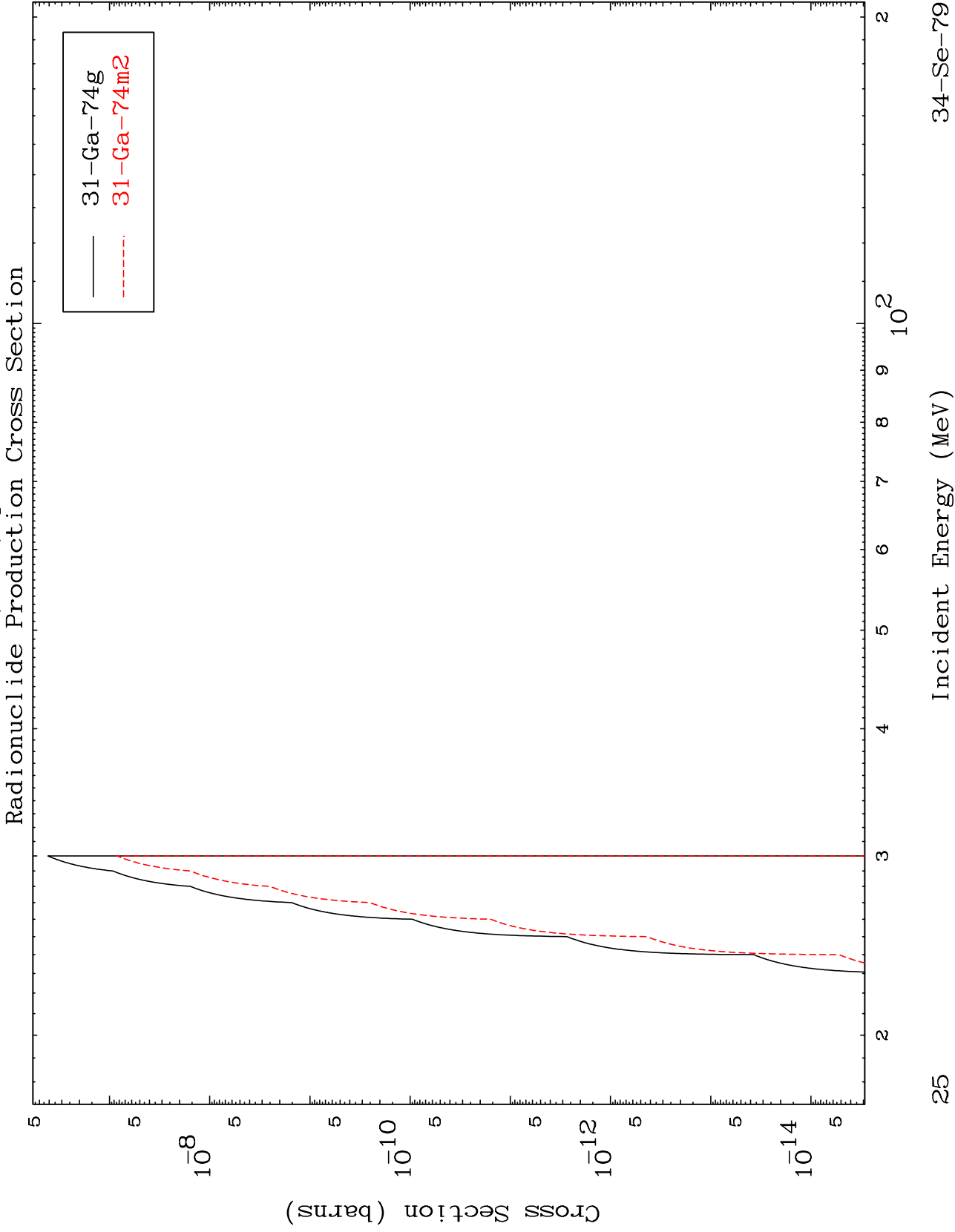
Radionuclide Production Cross Section



24

Incident Energy (MeV)

³⁴Se-79

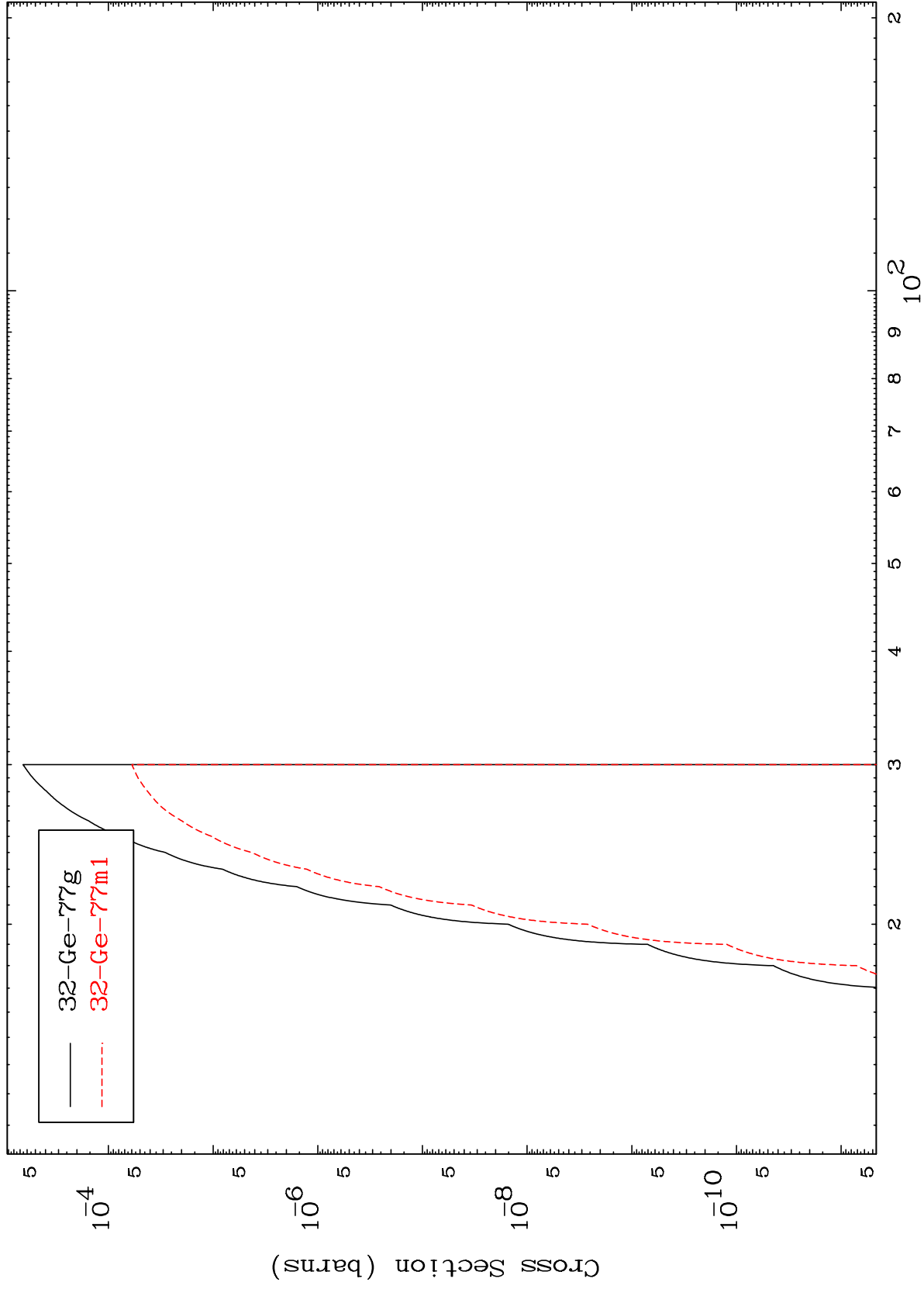


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(n,He-3)

34-Ge-79

Radionuclide Production Cross Section



26

Incident Energy (MeV)

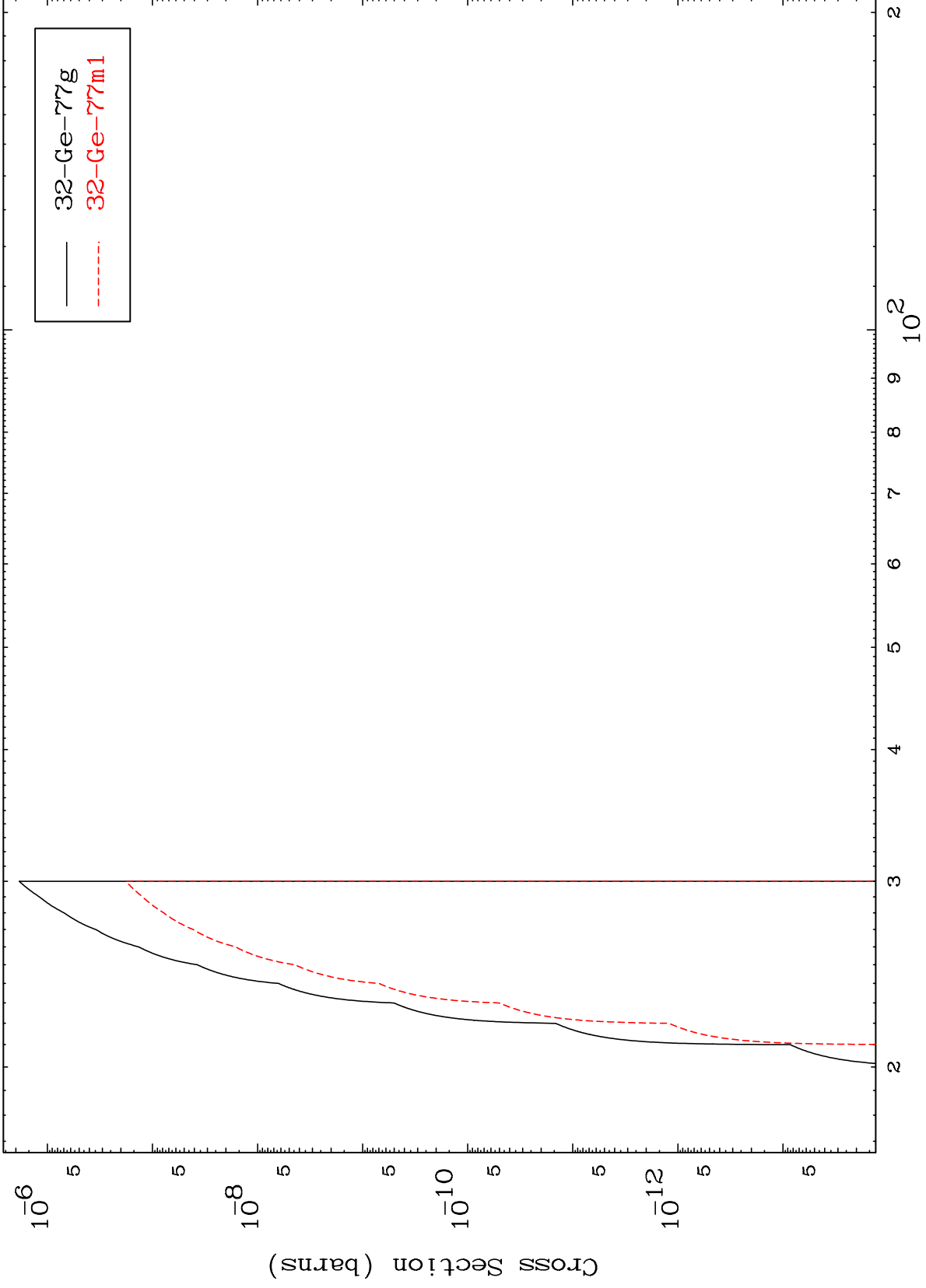
34-Ge-79

MAT 3441

(n,p) d

³⁴Se-79

Radionuclide Production Cross Section



27

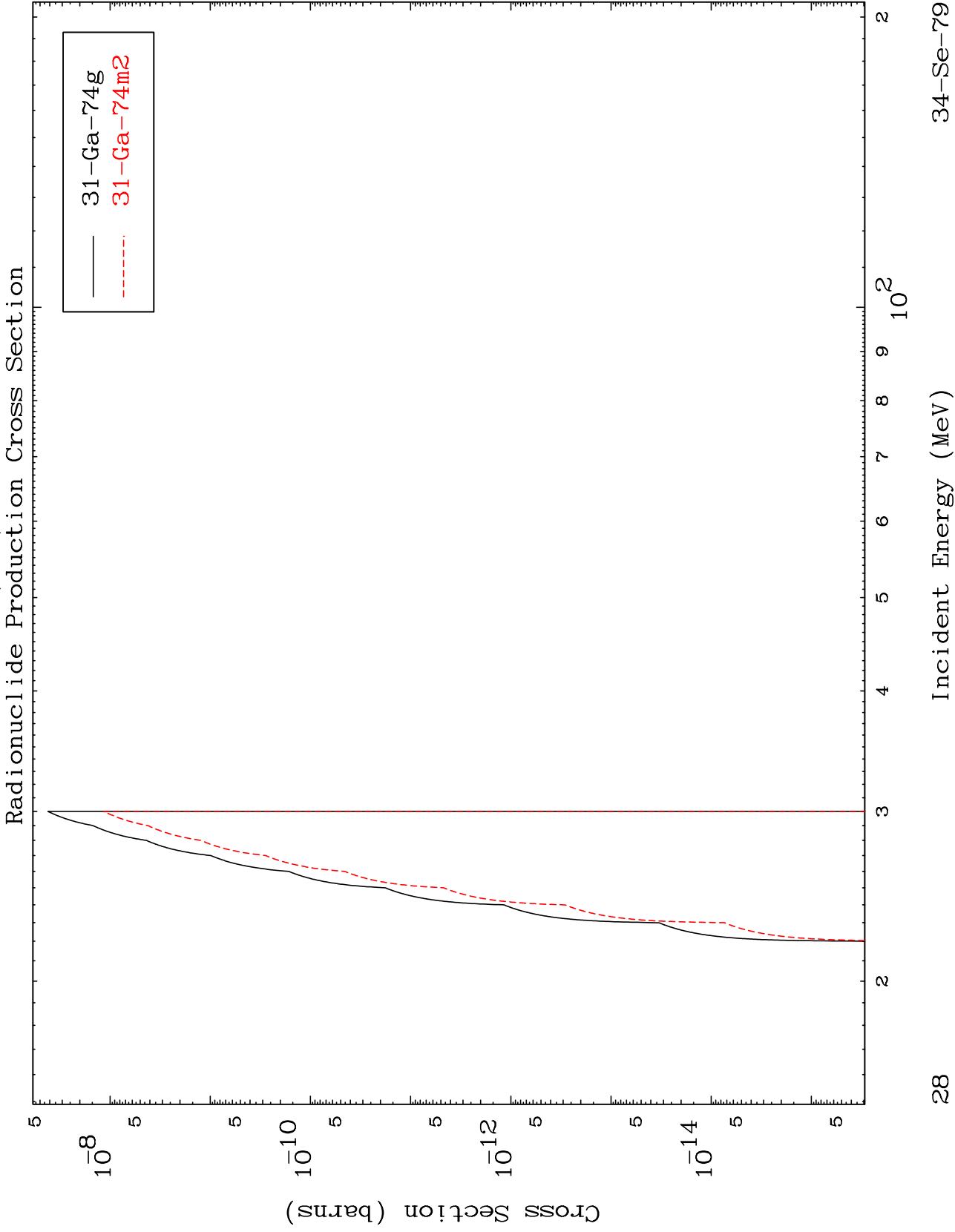
Incident Energy (MeV)

³⁴Se-79

MAT 3441

(n,d) α

34-Se-79



28

Incident Energy (MeV)

34-Se-79