

Program EVALPLOT
(Version 2018-1)

by

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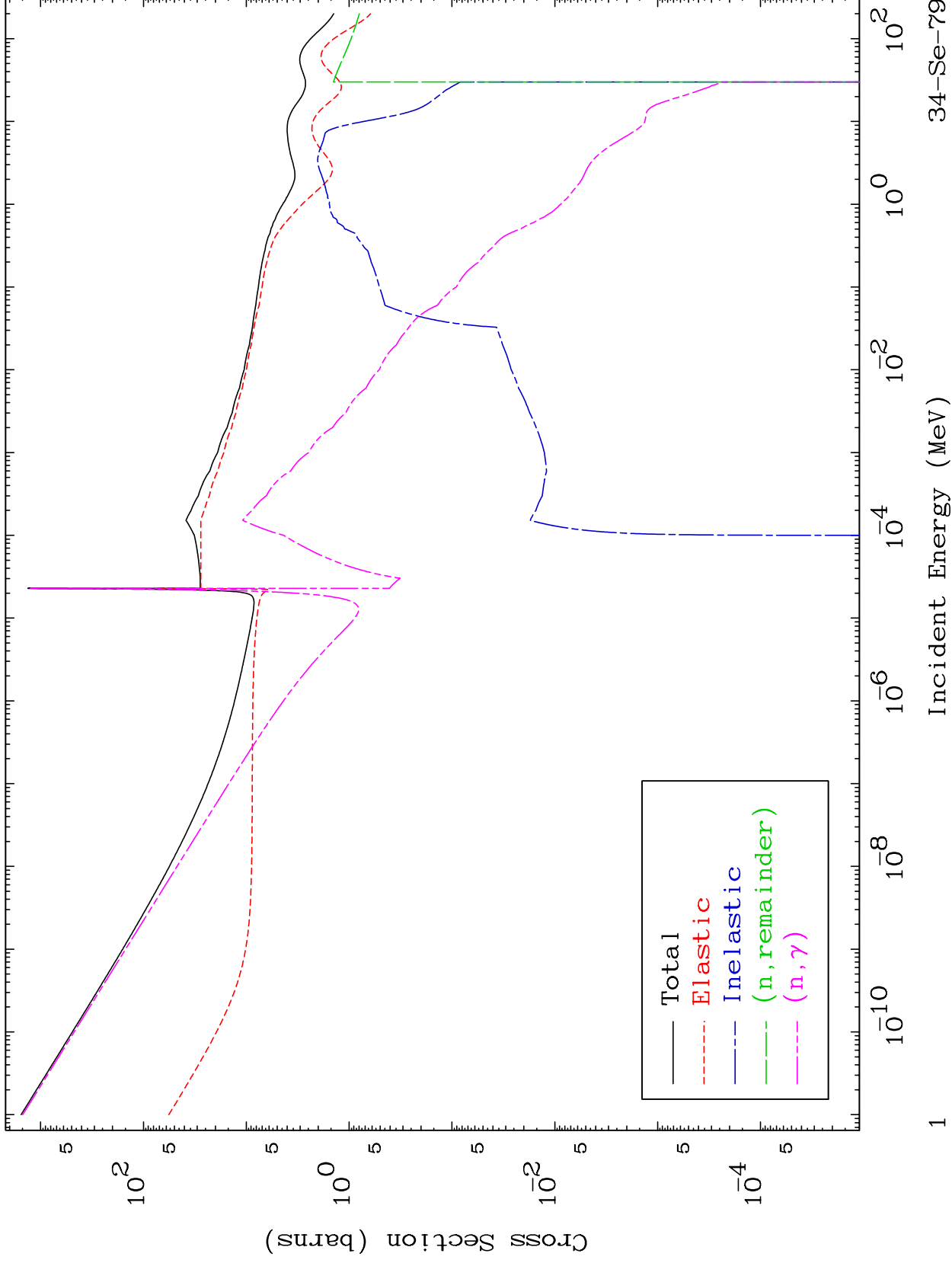
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3441

Major
293 Kelvin Cross Sections

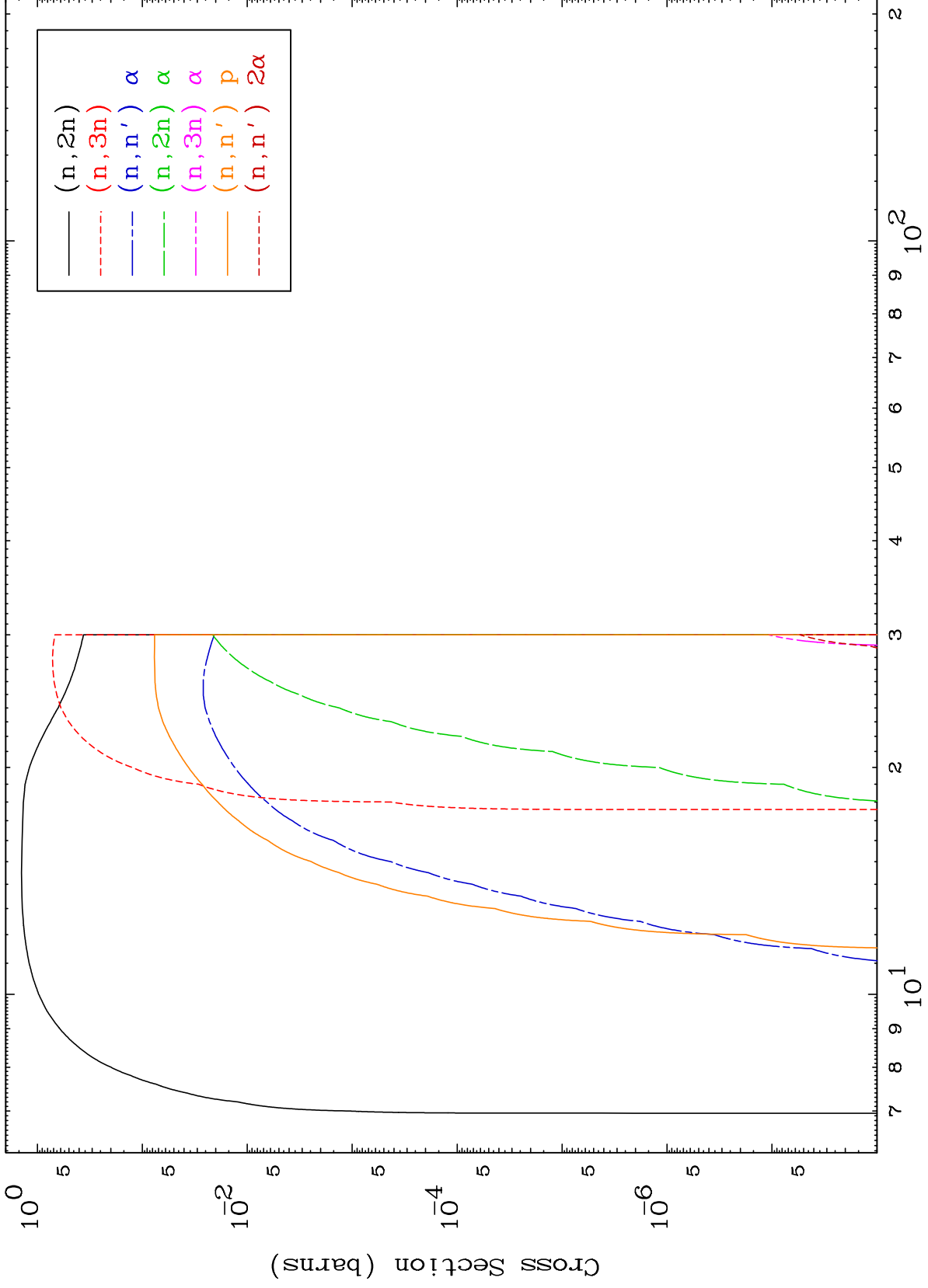
34-Se-79



MAT 3441

Neutron Production
293 Kelvin Cross Sections

34-Se-79

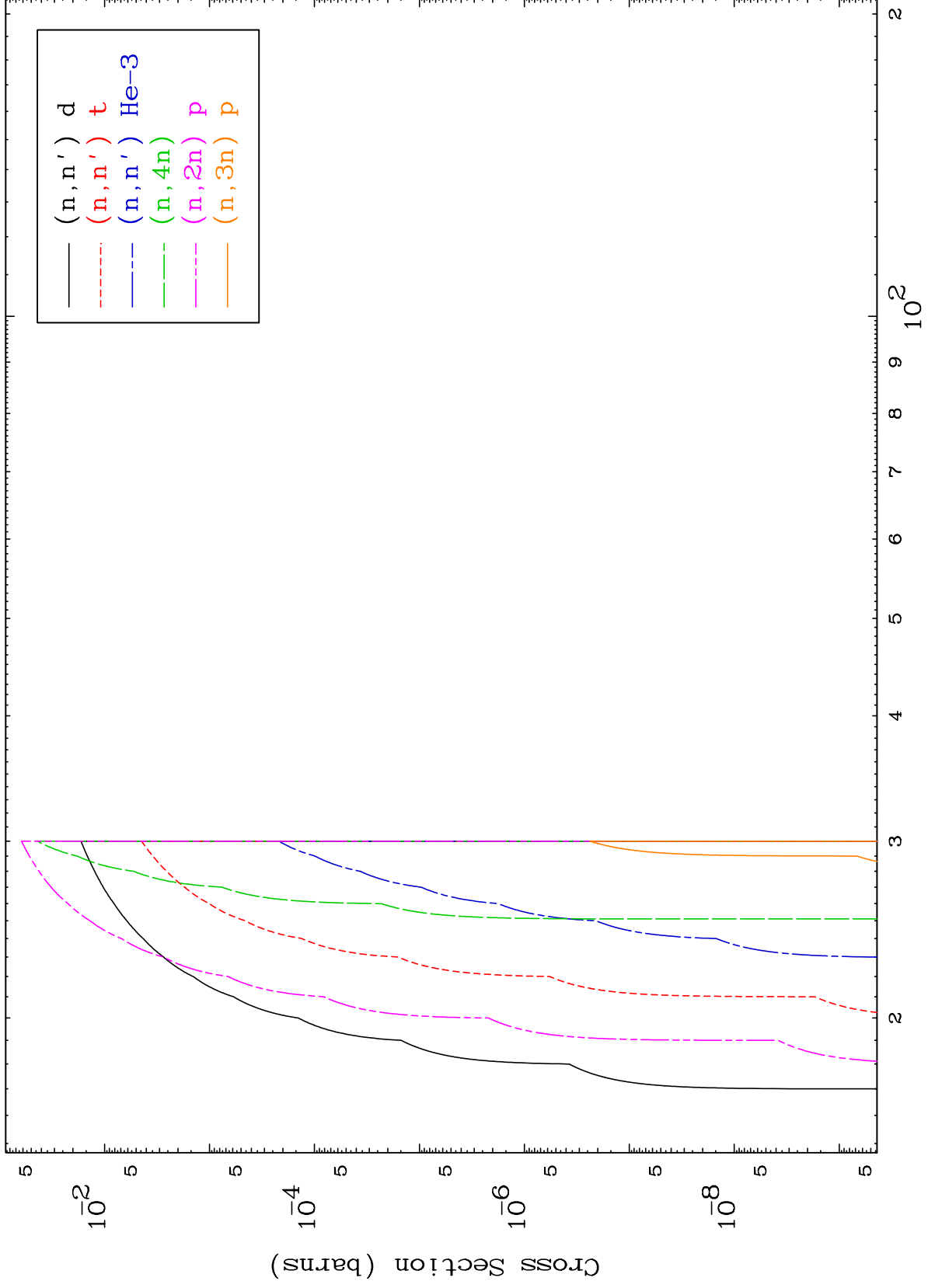


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Incident Energy (MeV)

34-Se-79

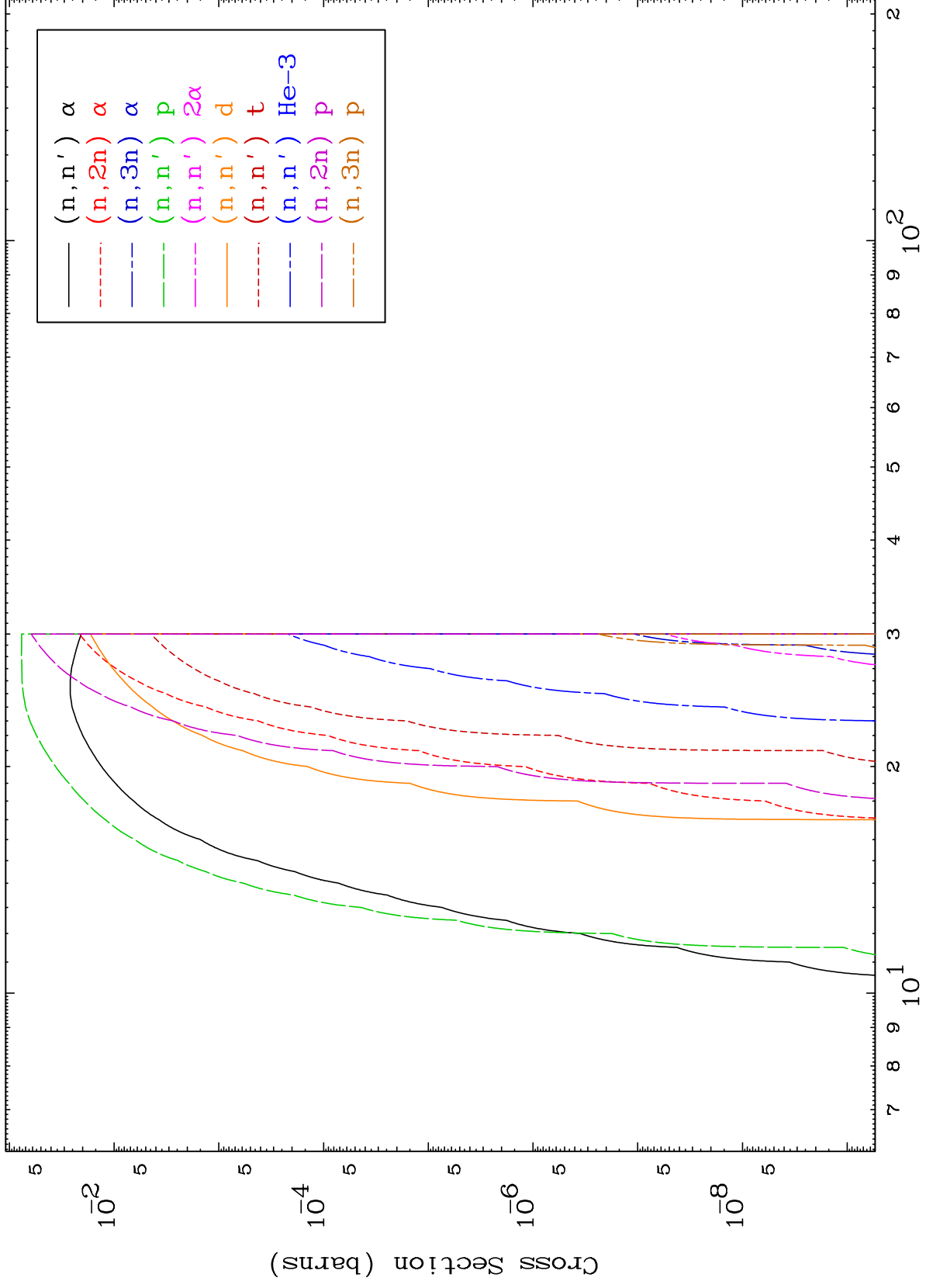
Neutron Production
293 Kelvin Cross Sections



MAT 3441

Charged Particle
293 Kelvin Cross Sections

³⁴Se-79



4

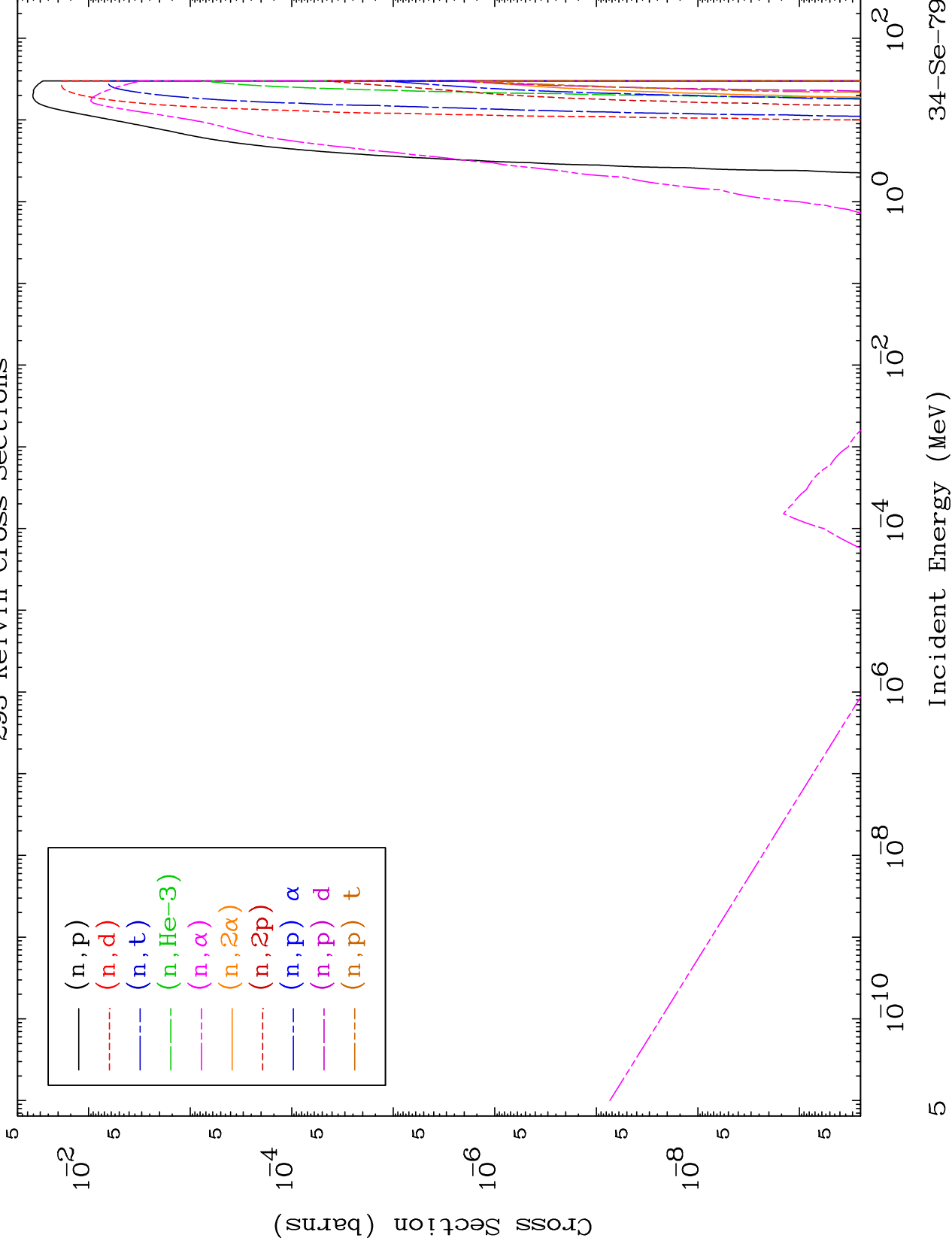
Incident Energy (MeV)

³⁴Se-79

MAT 3441

Charged Particle
293 Kelvin Cross Sections

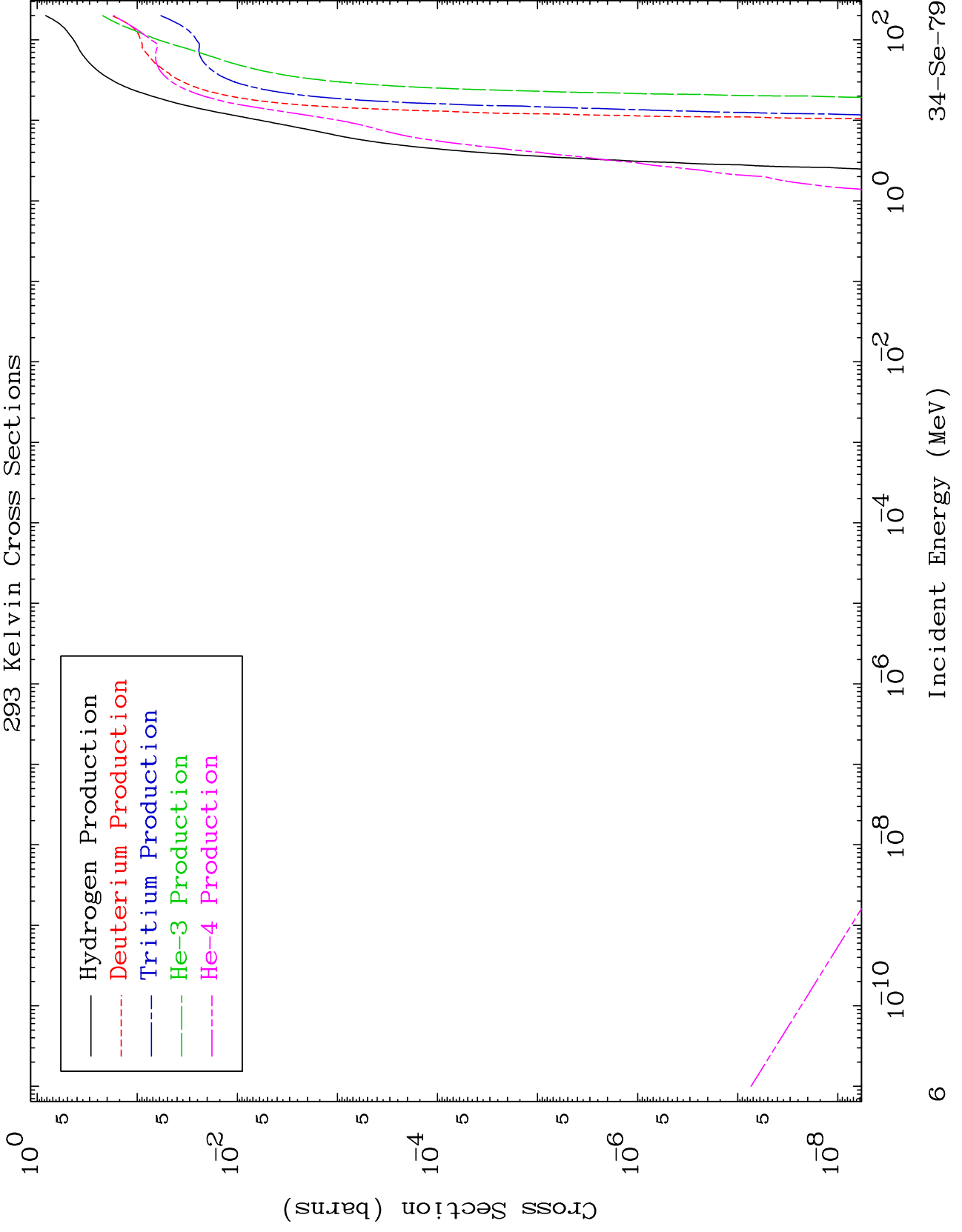
34-Se-79



MAT 3441

Particle Production
293 Kelvin Cross Sections

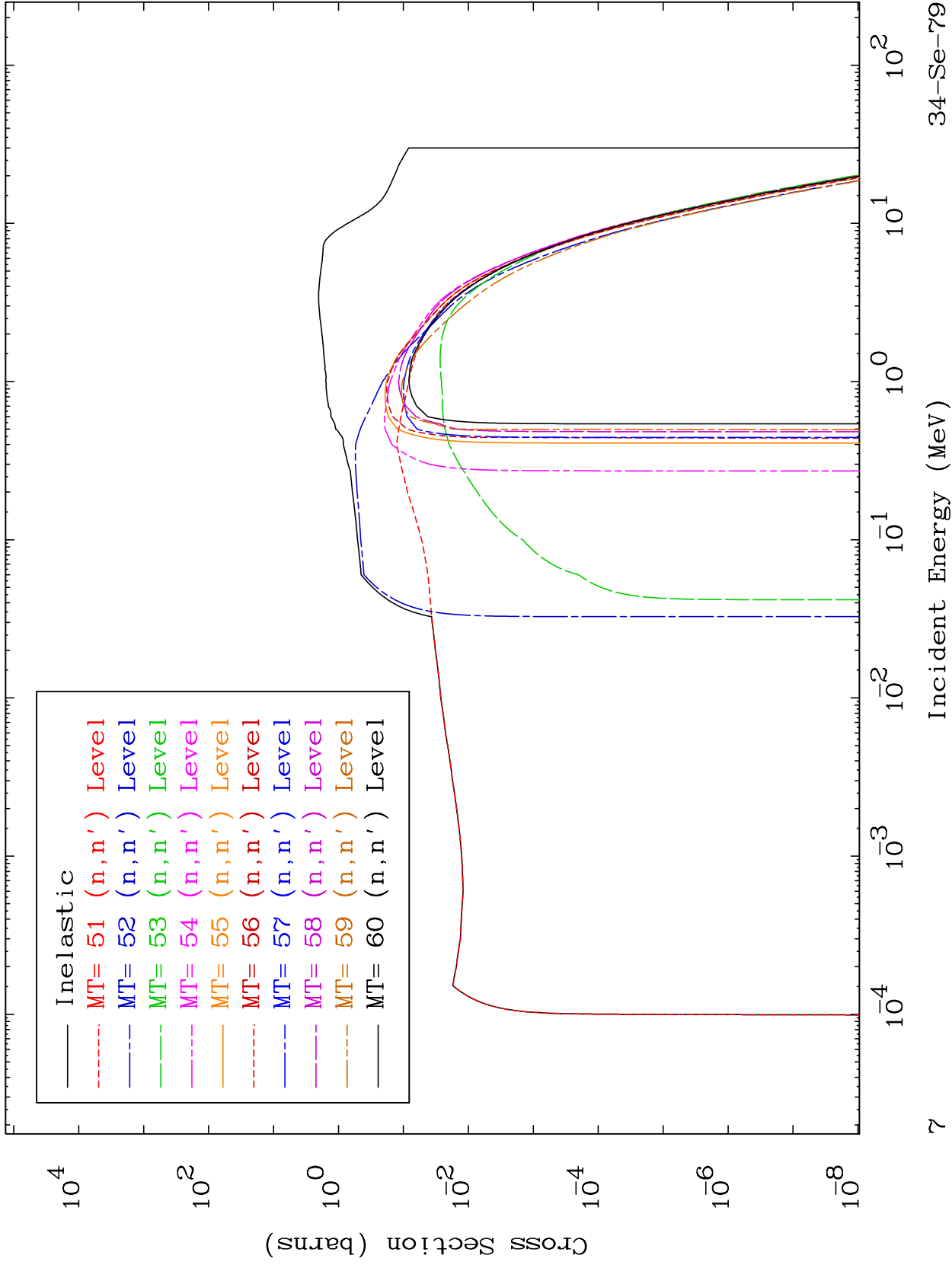
34-Se-79



MAT 3441

(n,n') Level
293 Kelvin Cross Sections

34-Se-79

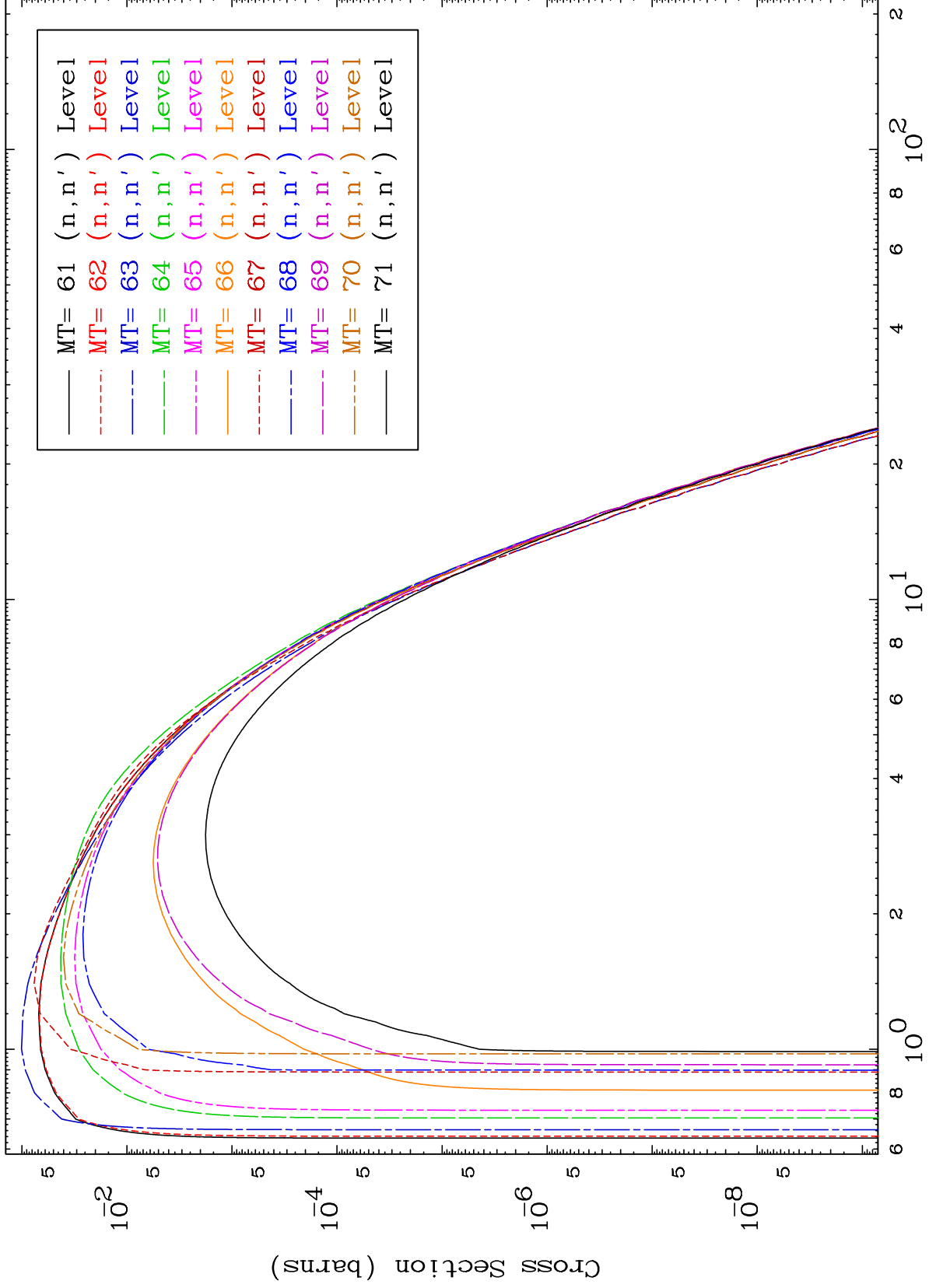


MAT 3441

(n,n') Level

34-Se-79

293 Kelvin Cross Sections



Incident Energy (MeV)

34-Se-79

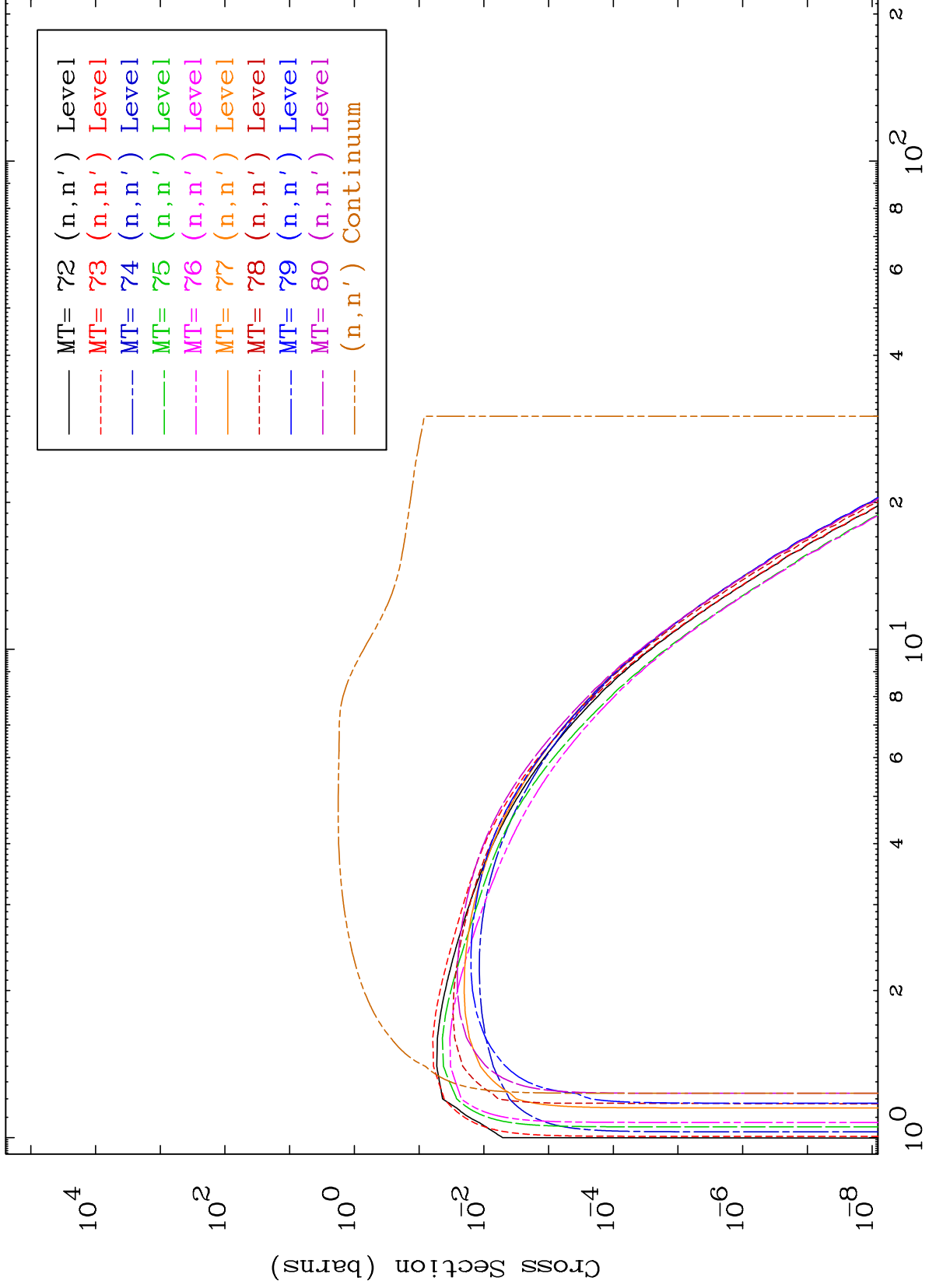
8

MAT 3441

(n,n') Level

34-Se-79

293 Kelvin Cross Sections



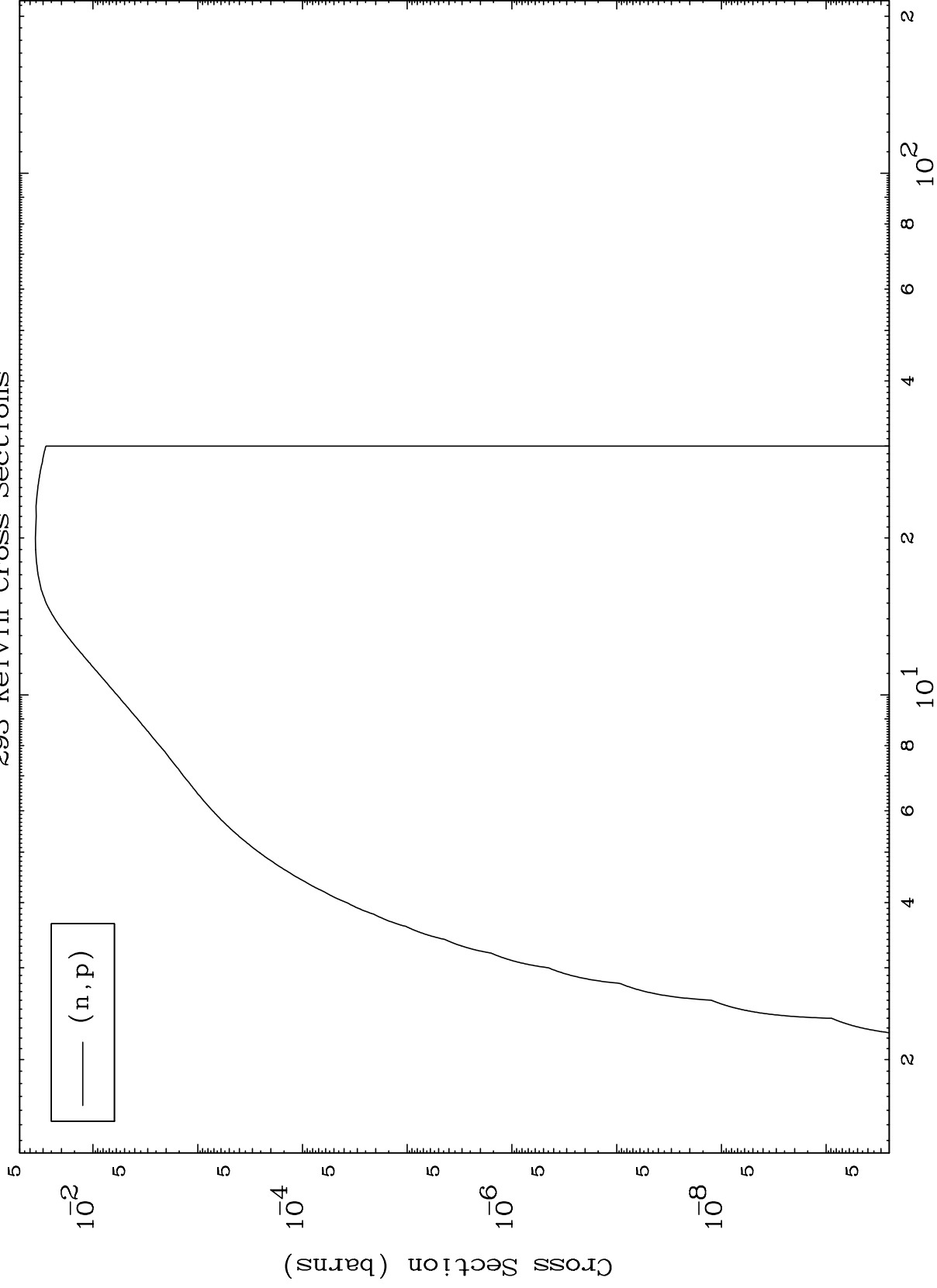
Incident Energy (MeV)

34-Se-79

MAT 3441

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-79



10

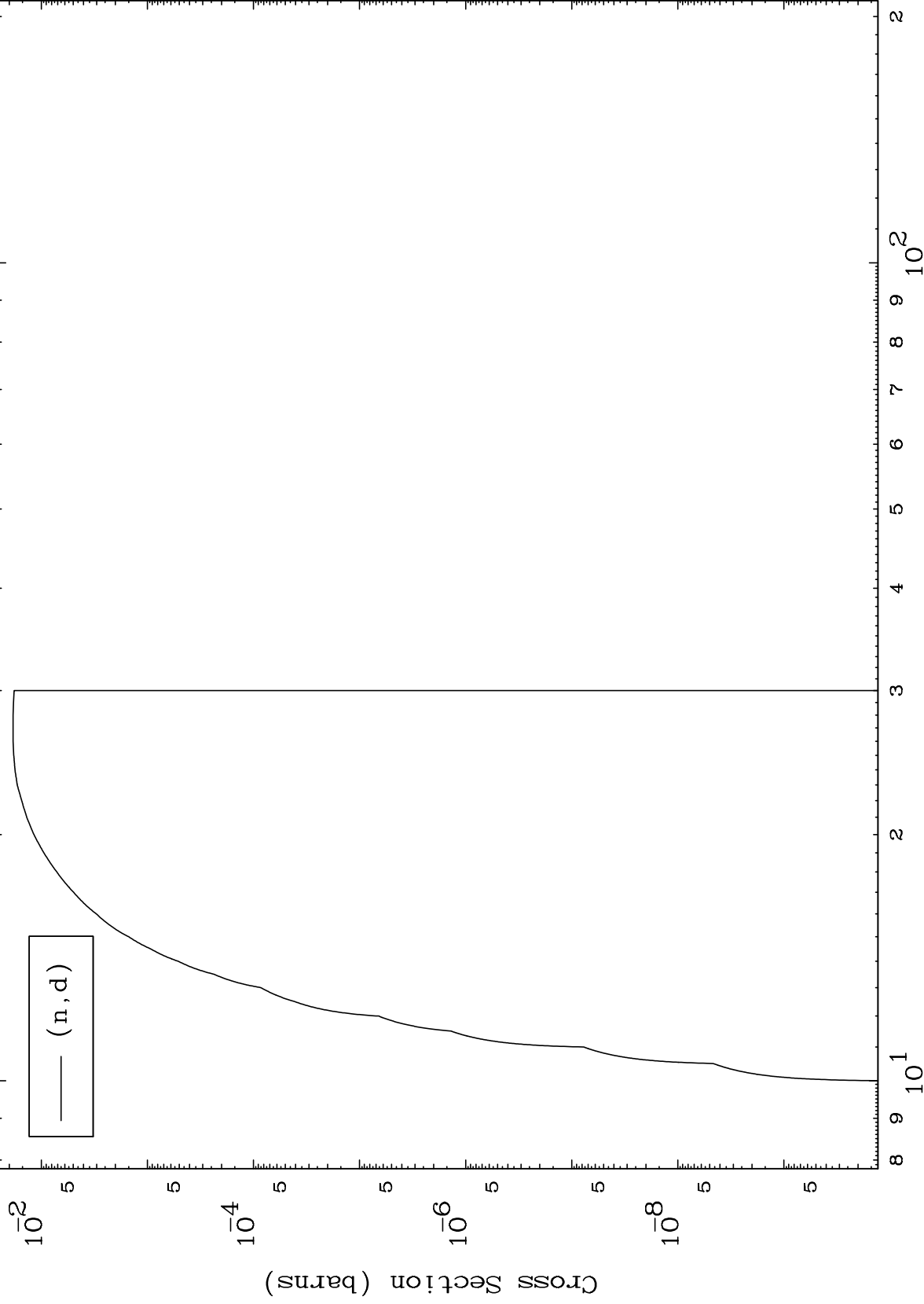
Incident Energy (MeV)

³⁴Se-79

MAT 3441

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-79



11

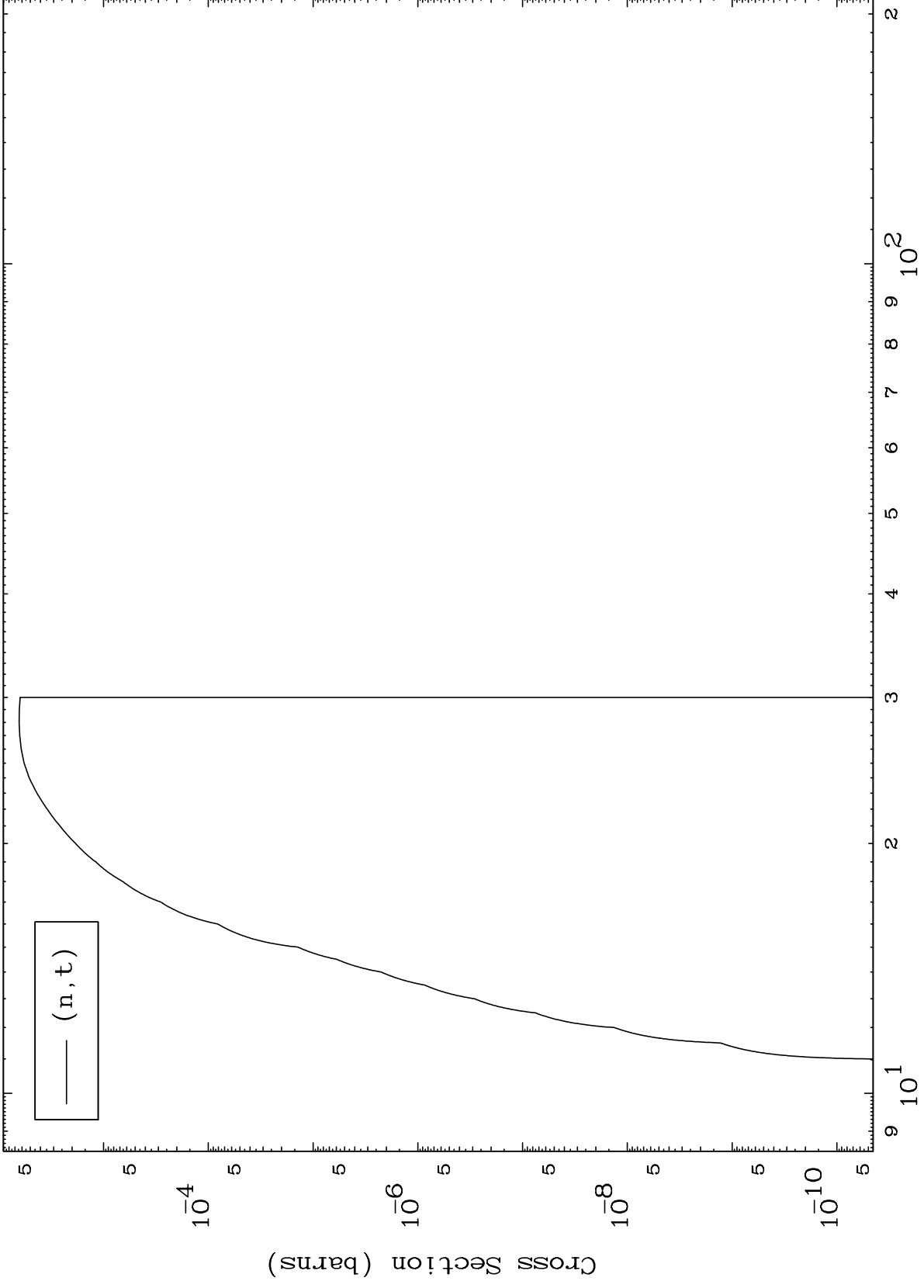
Incident Energy (MeV)

³⁴Se-79

MAT 3441

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-79



12

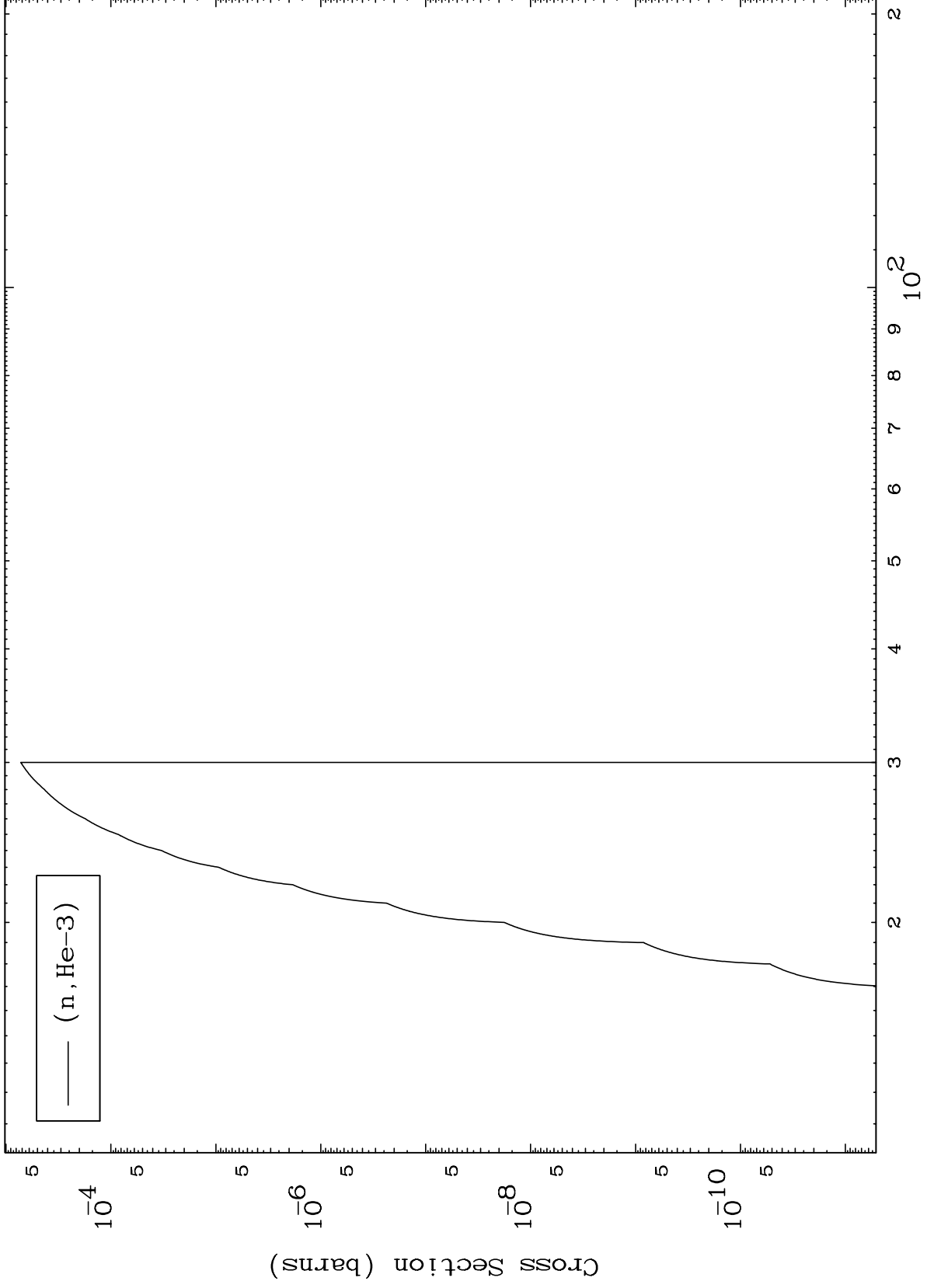
Incident Energy (MeV)

³⁴Se-79

MAT 3441

(n,He3) Levels
293 Kelvin Cross Sections

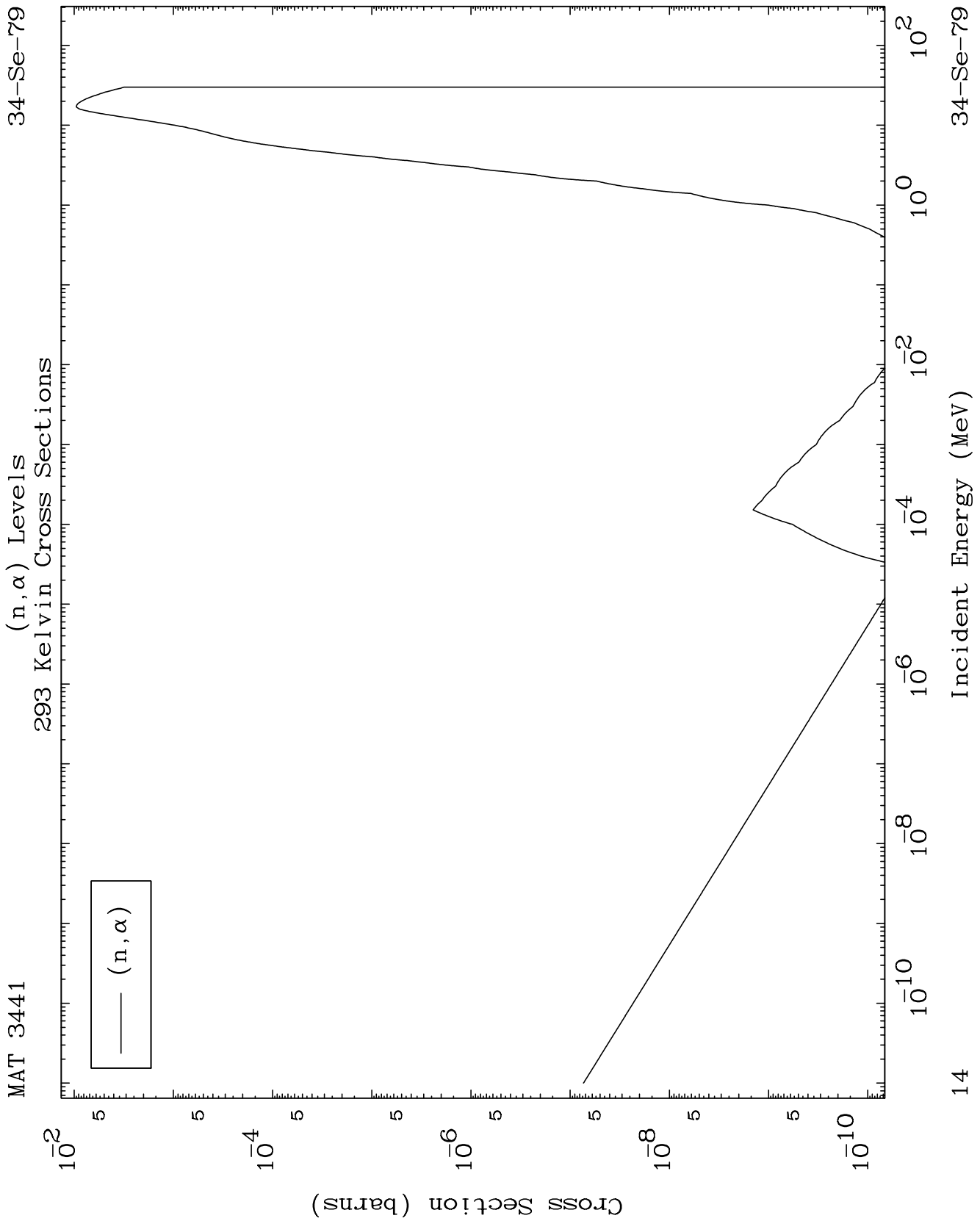
34-Se-79

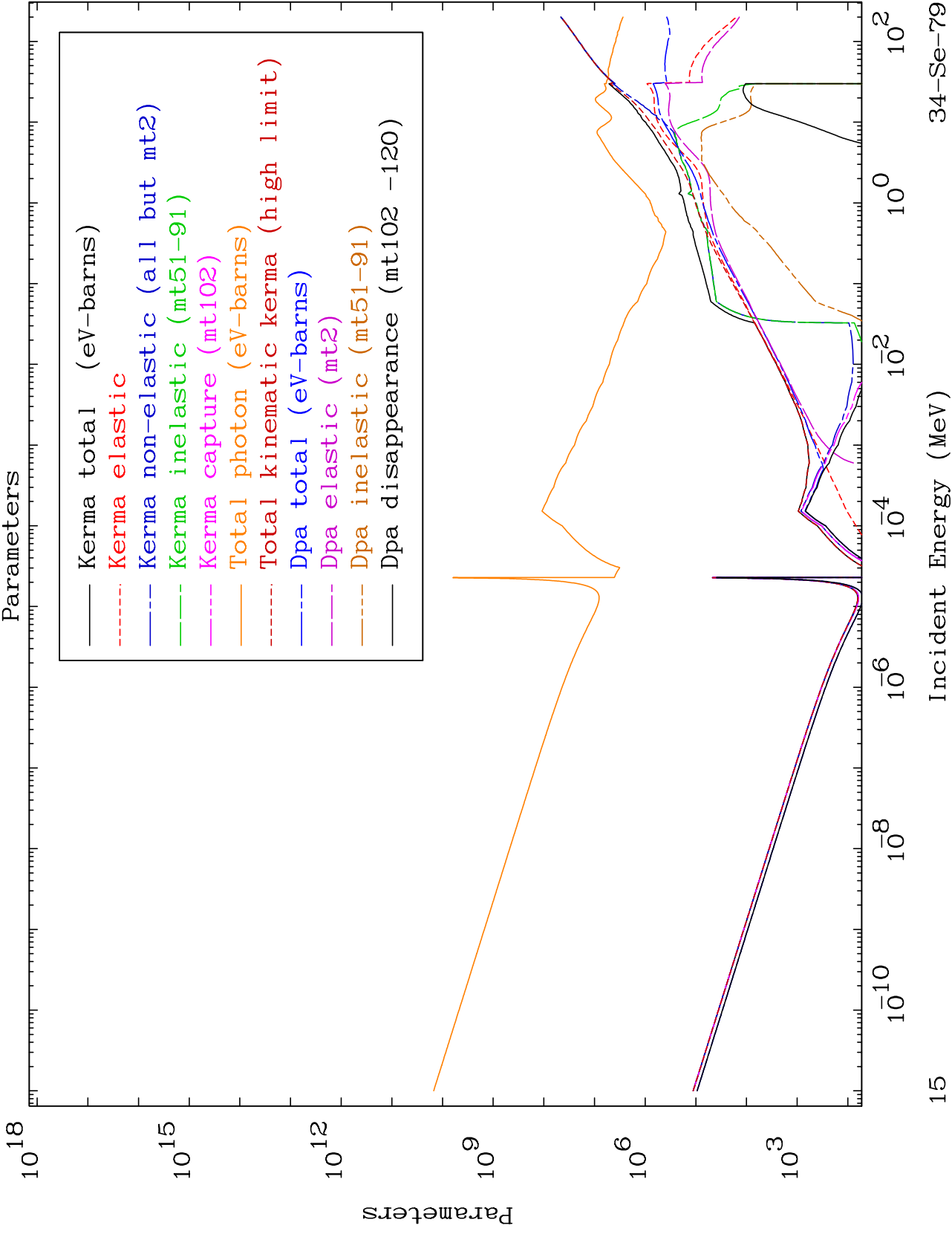


13

Incident Energy (MeV)

34-Se-79

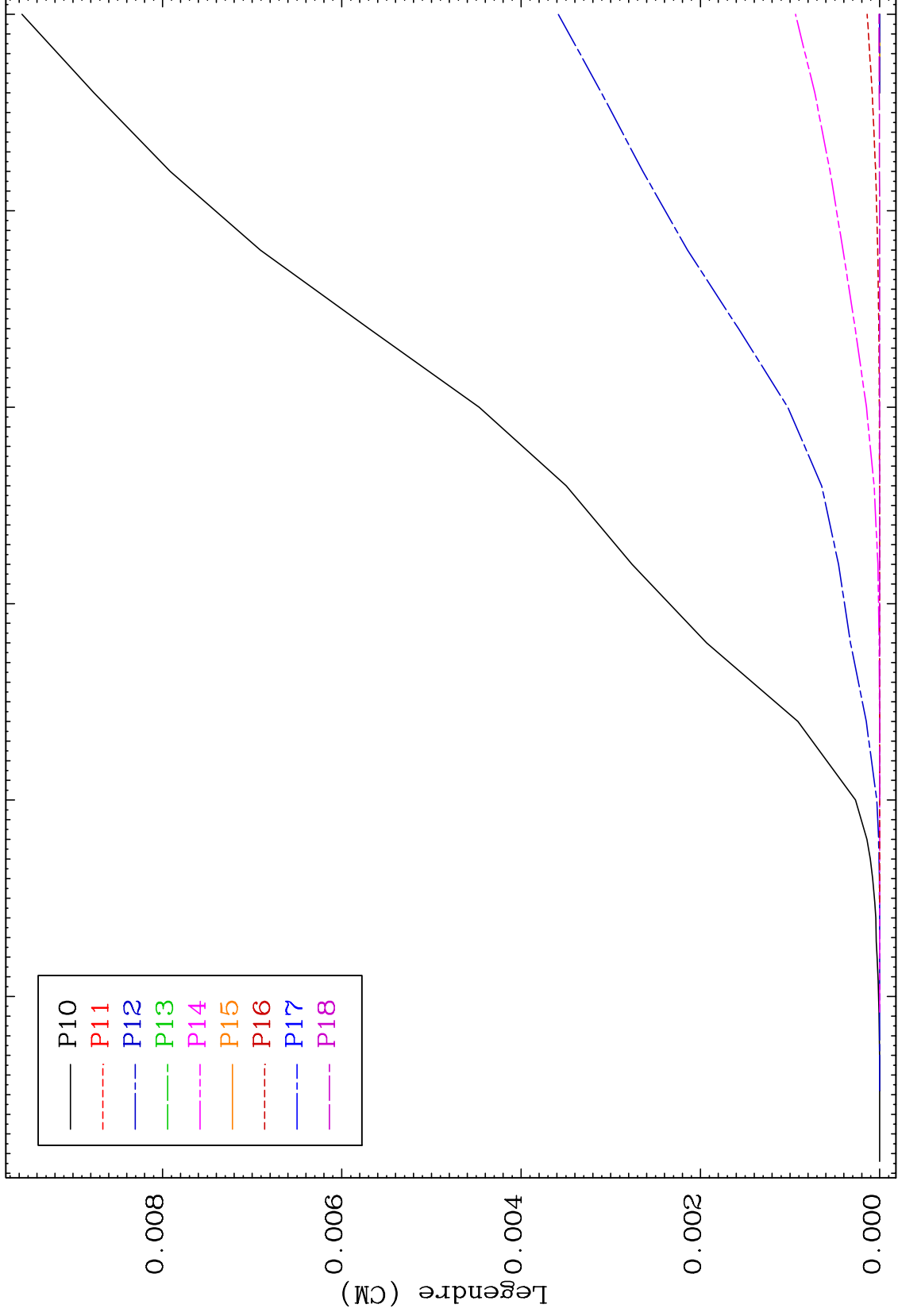




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Elastic Legendre Coefficients

³⁴Se-79



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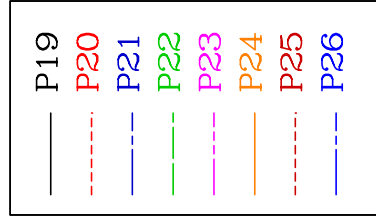
Incident Energy (MeV)

³⁴Se-79

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Elastic
Legendre Coefficients

³⁴Se-79



Legendre (CM)
 $\times 10^{-7}$



18

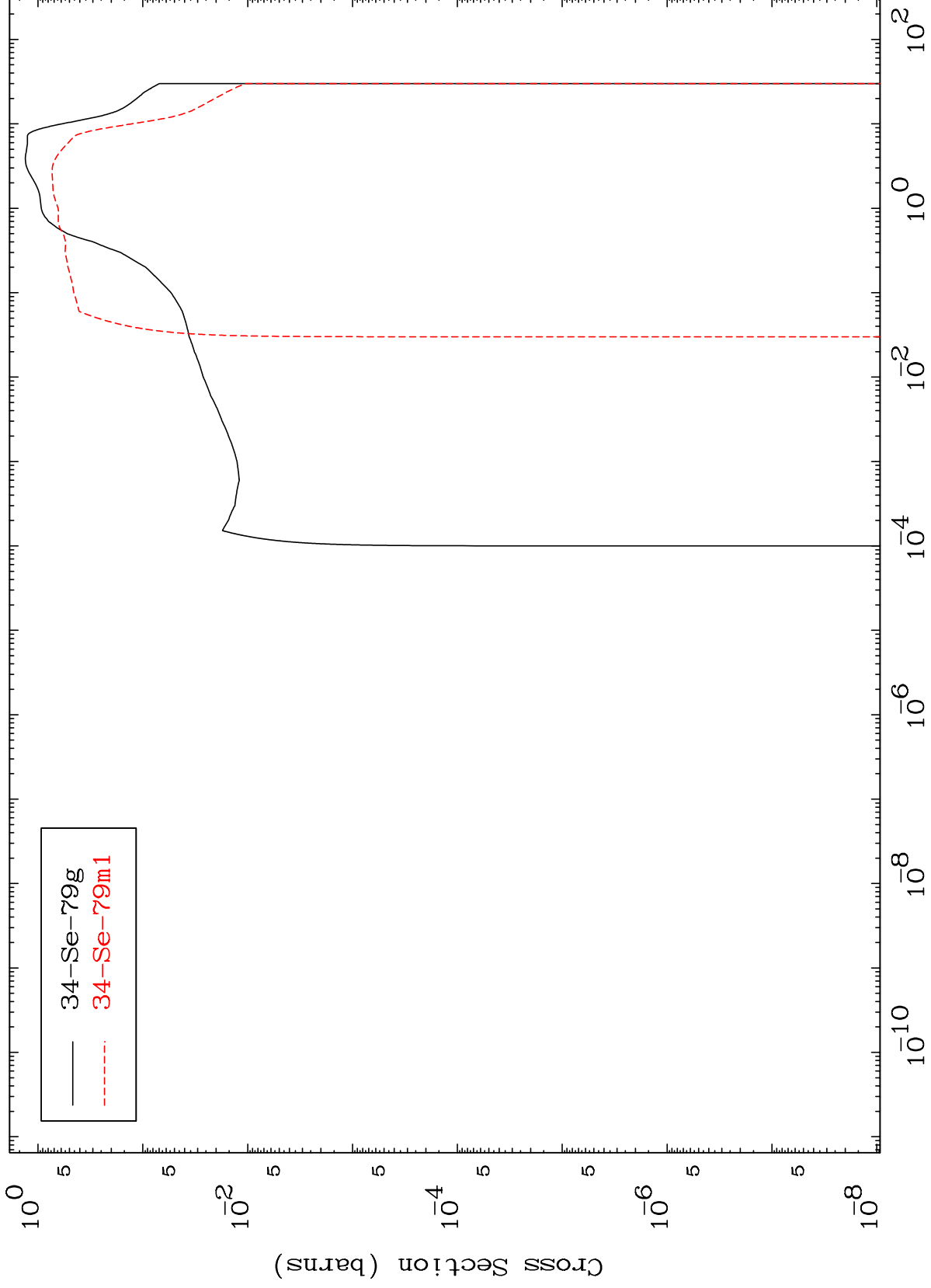
Incident Energy (MeV)

³⁴Se-79

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³⁴Se-79

Inelastic
Radionuclide Production Cross Section

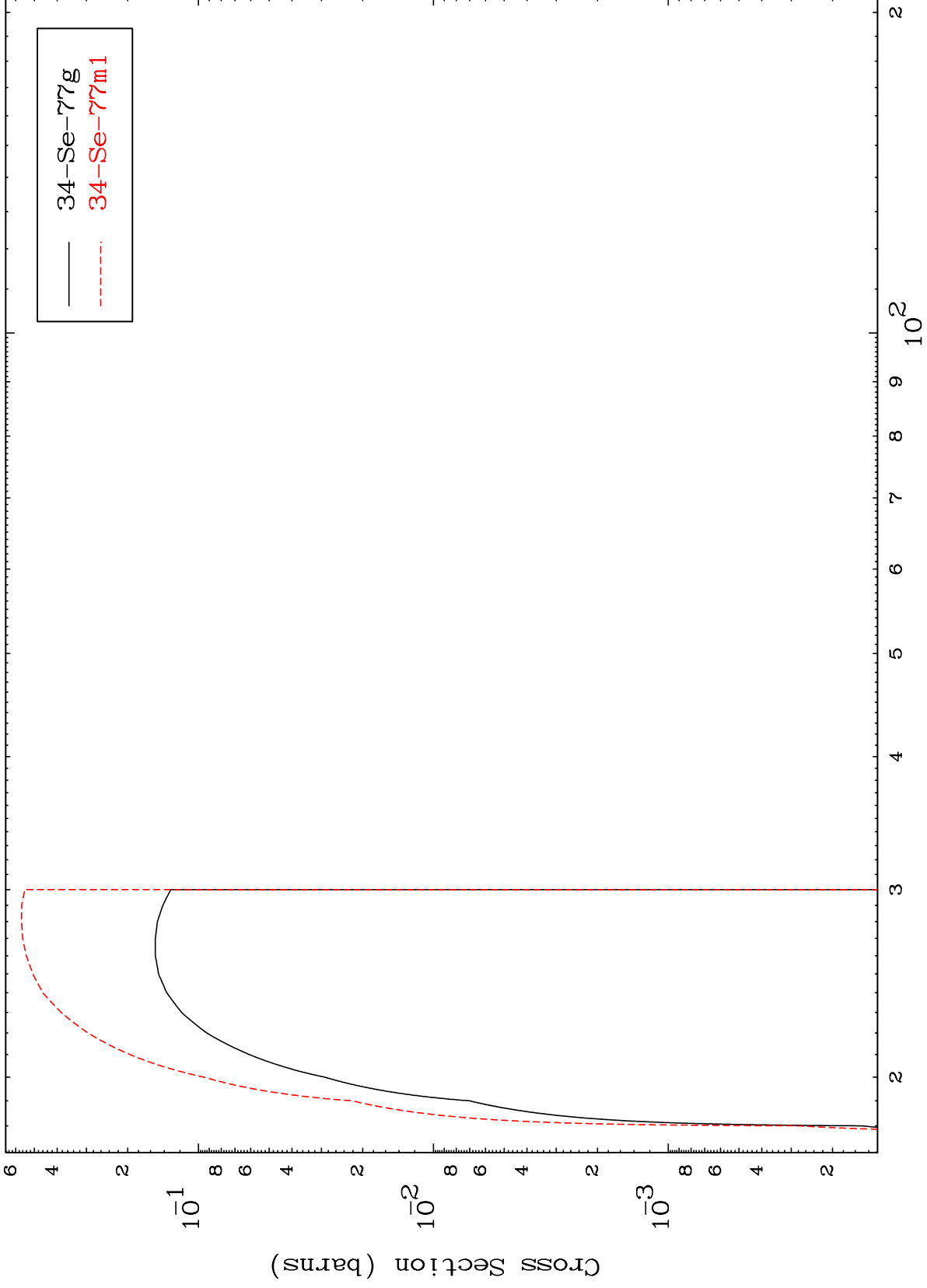


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³⁴Se-79

(n,3n)

Radionuclide Production Cross Section



20

Incident Energy (MeV)

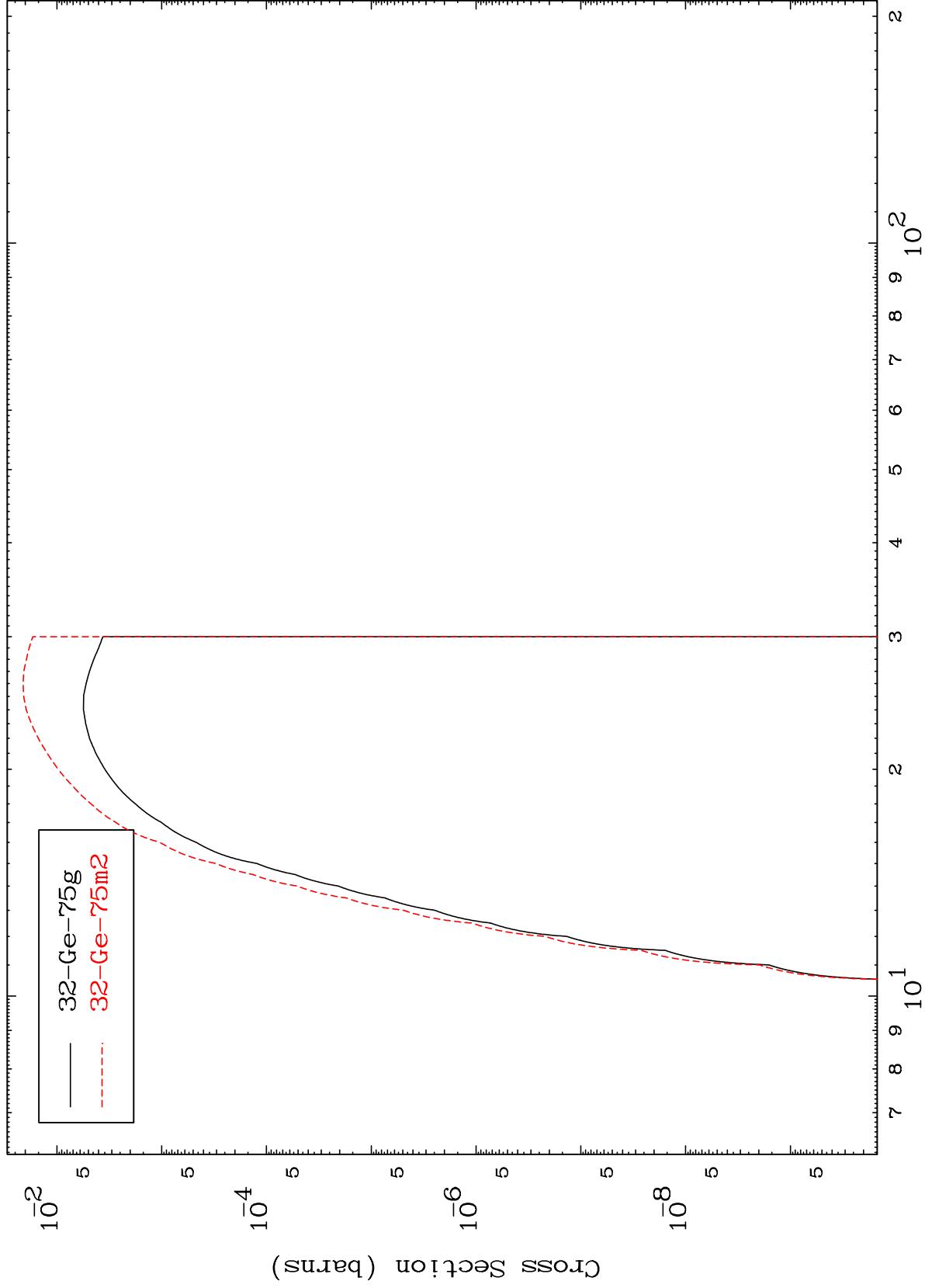
³⁴Se-79

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$(n, n') \alpha$

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

Radionuclide Production Cross Section



21

Incident Energy (MeV)

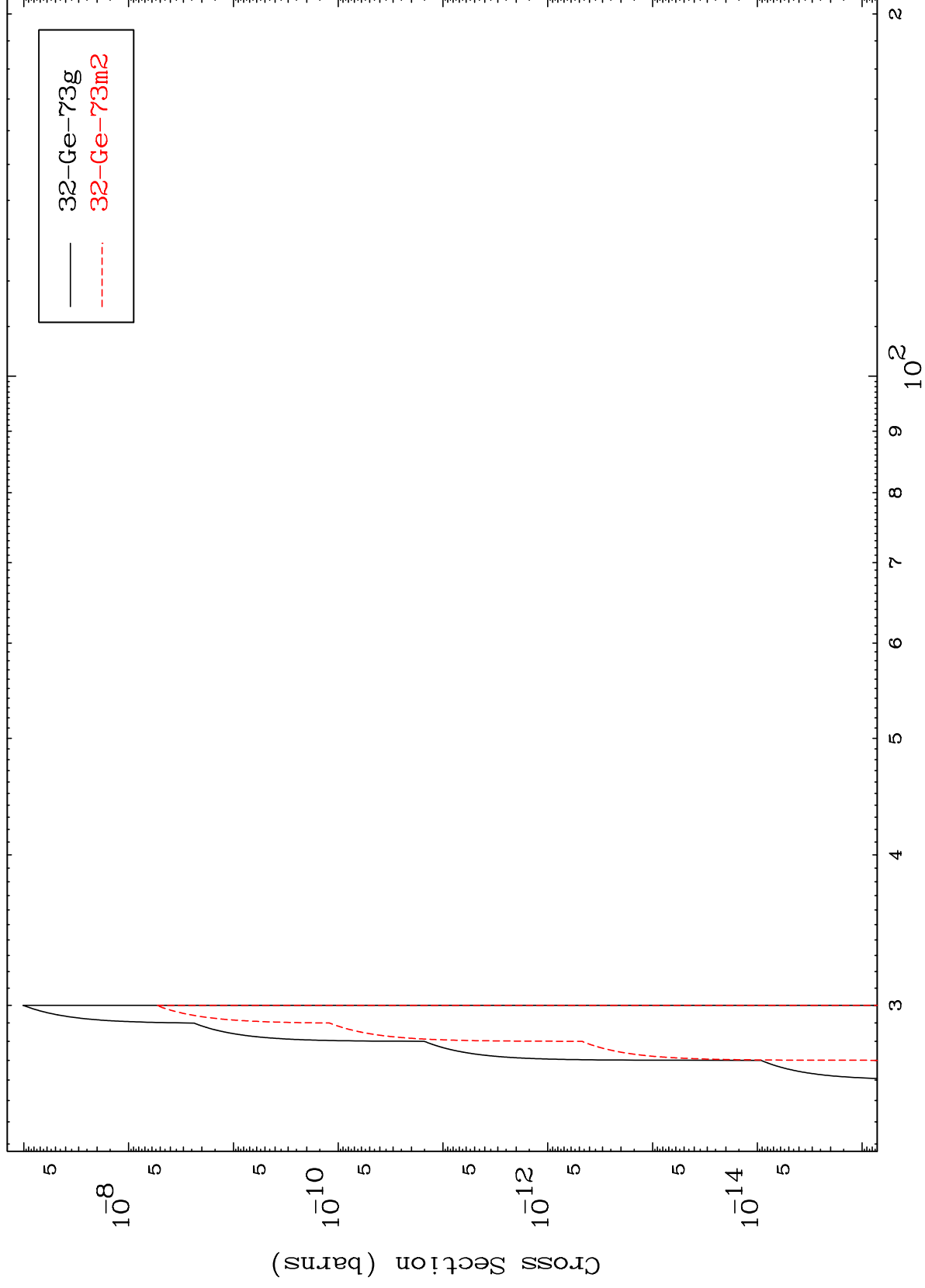
$^{34}\text{Se-79}$

MAT 3441

(n,3n) α

34-^{Se-79}

Radionuclide Production Cross Section



22

Incident Energy (MeV)

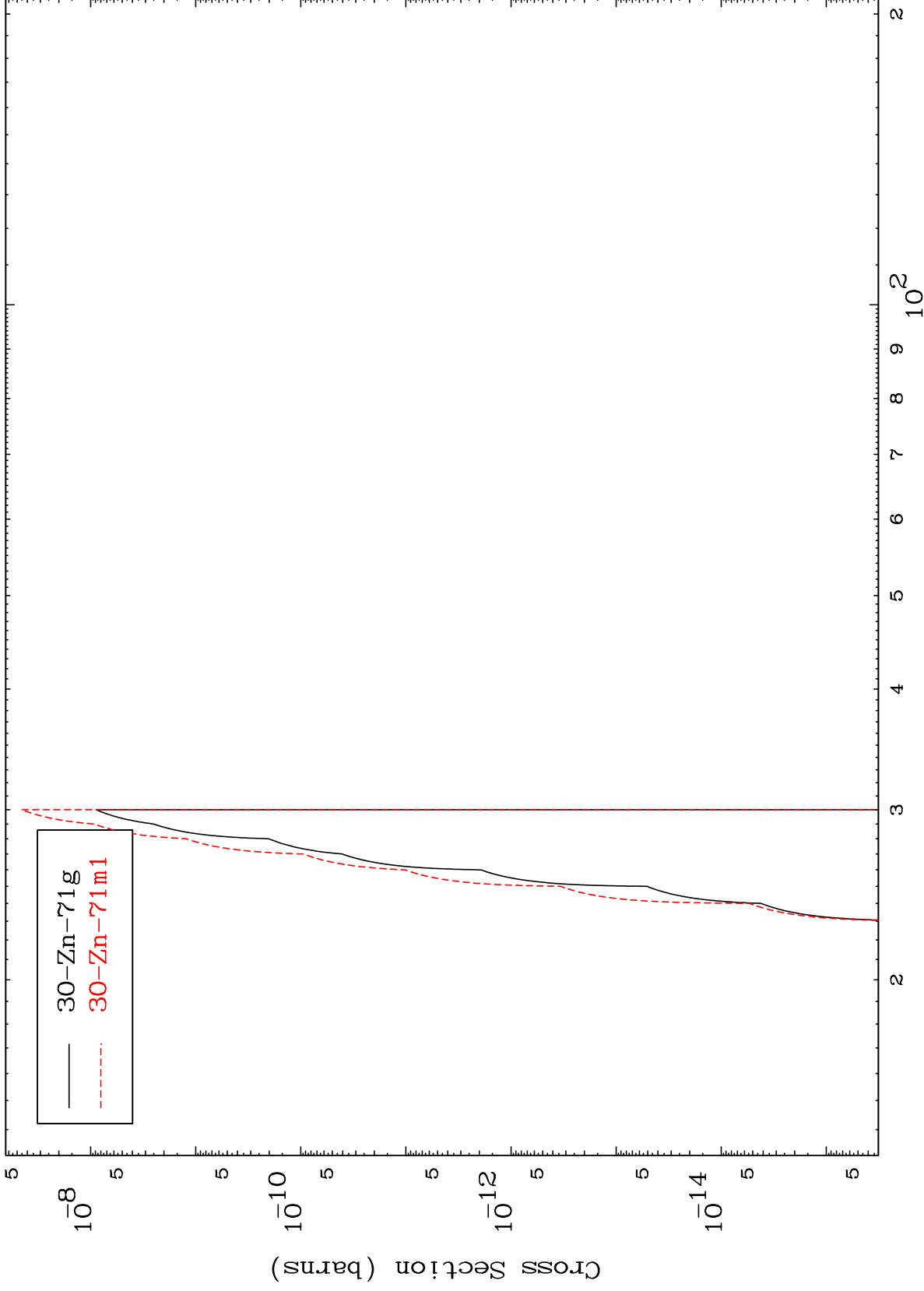
34-^{Se-79}

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(n,n') 2α

34-Se-79

Radionuclide Production Cross Section



Incident Energy (MeV)

34-Se-79

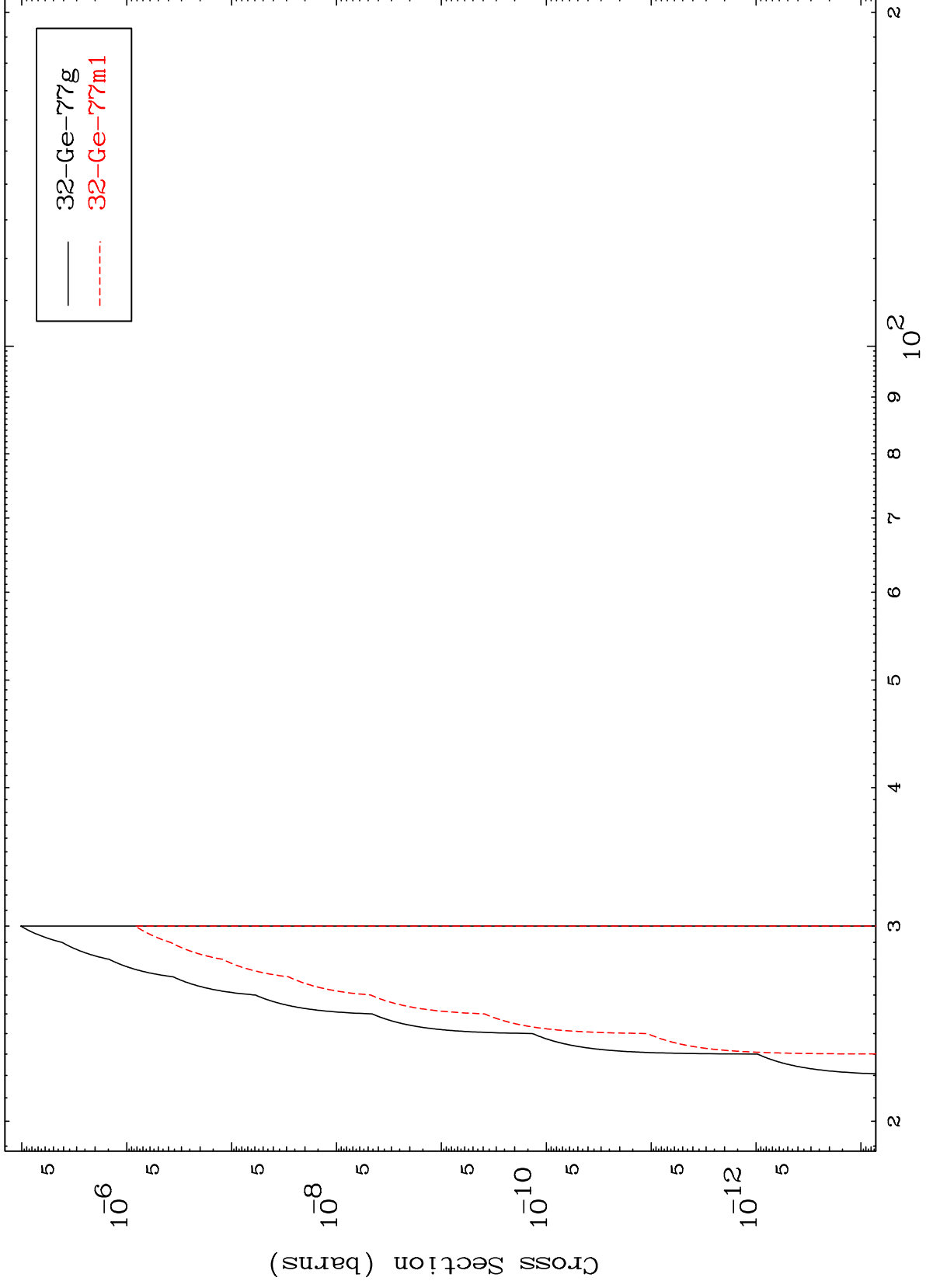
23

MAT 3441

(n,2n) p

³⁴Se-79

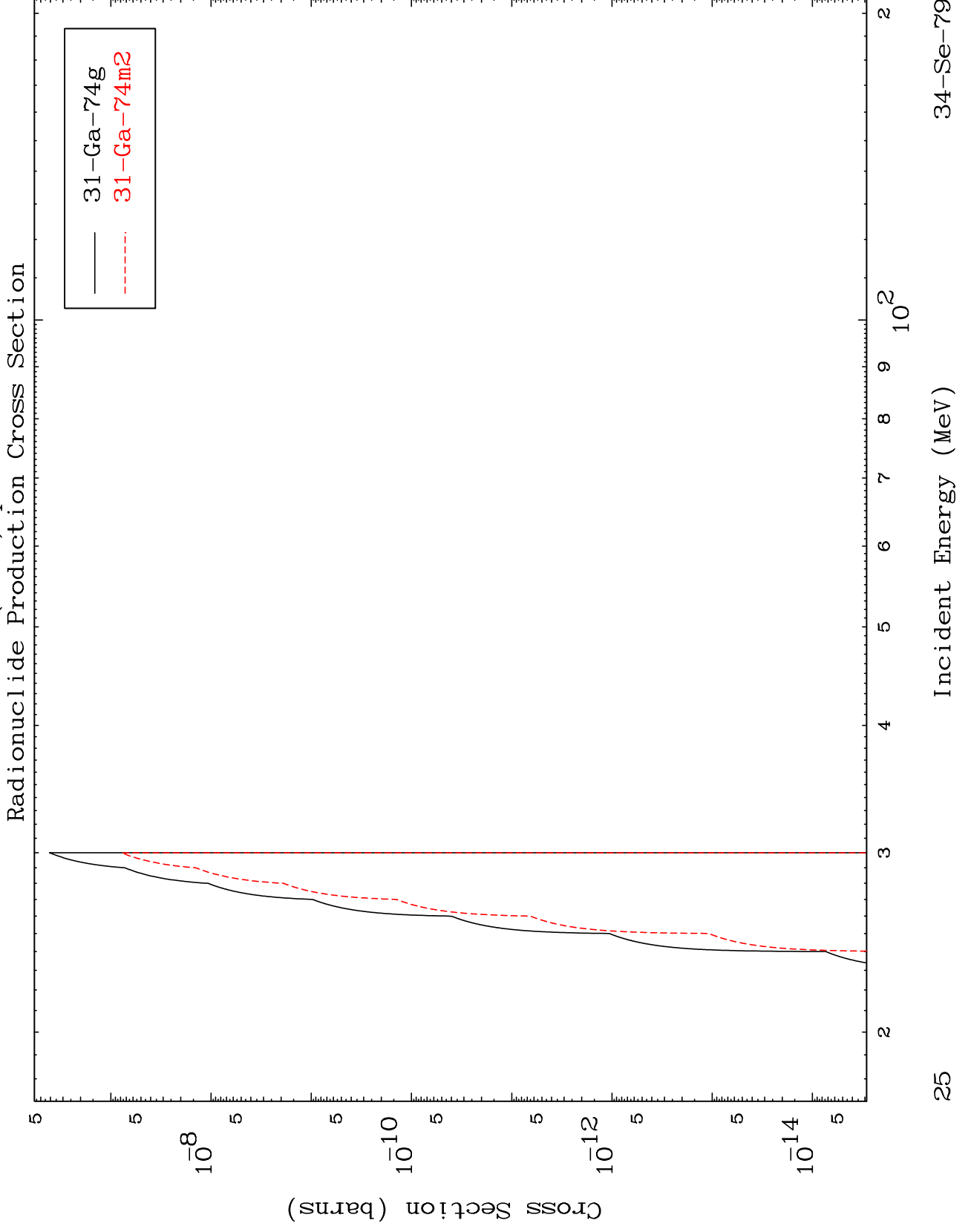
Radionuclide Production Cross Section



24

Incident Energy (MeV)

³⁴Se-79

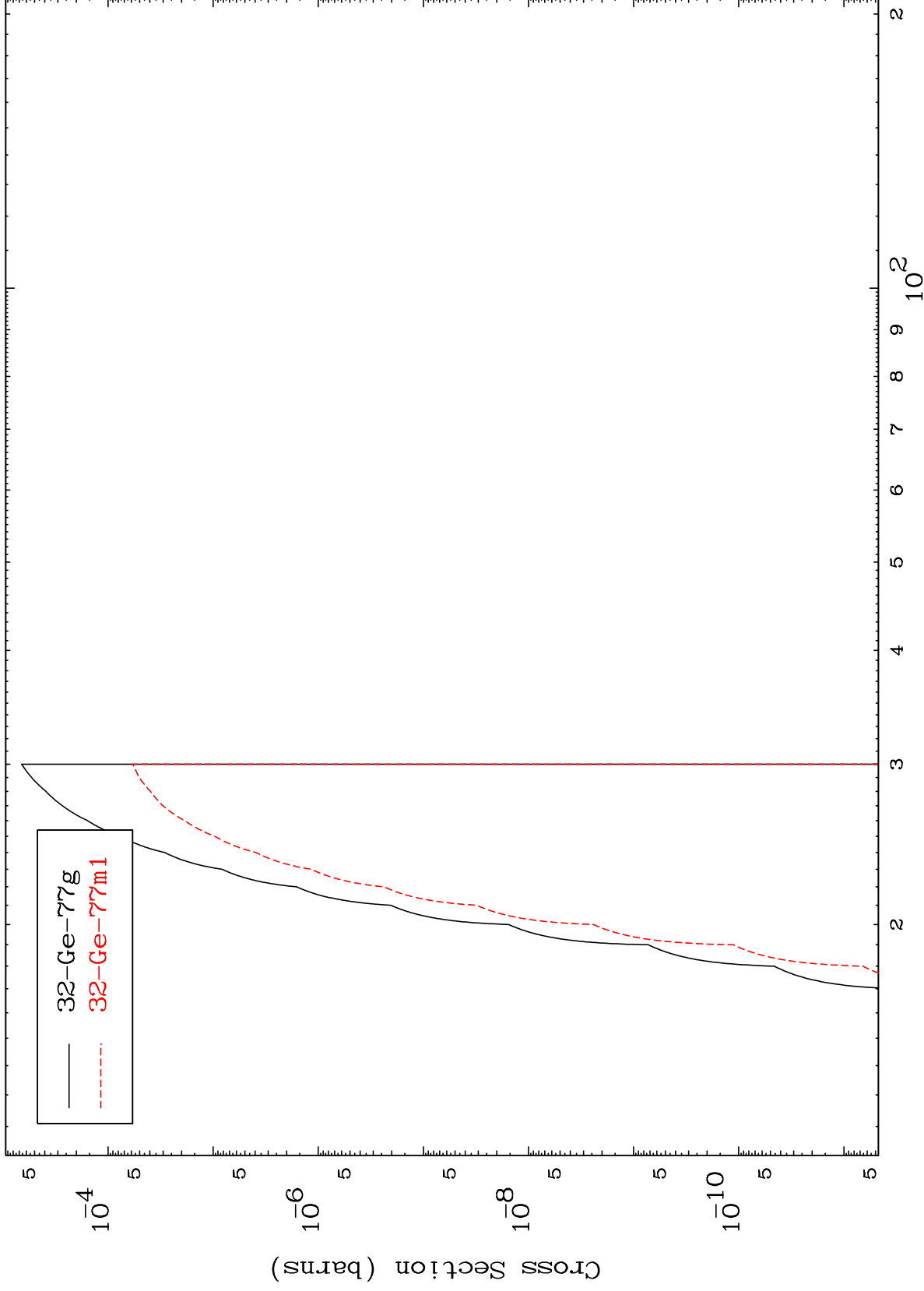


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(n,He-3)

34-^{Se-79}

Radionuclide Production Cross Section



Incident Energy (MeV)

34-^{Se-79}

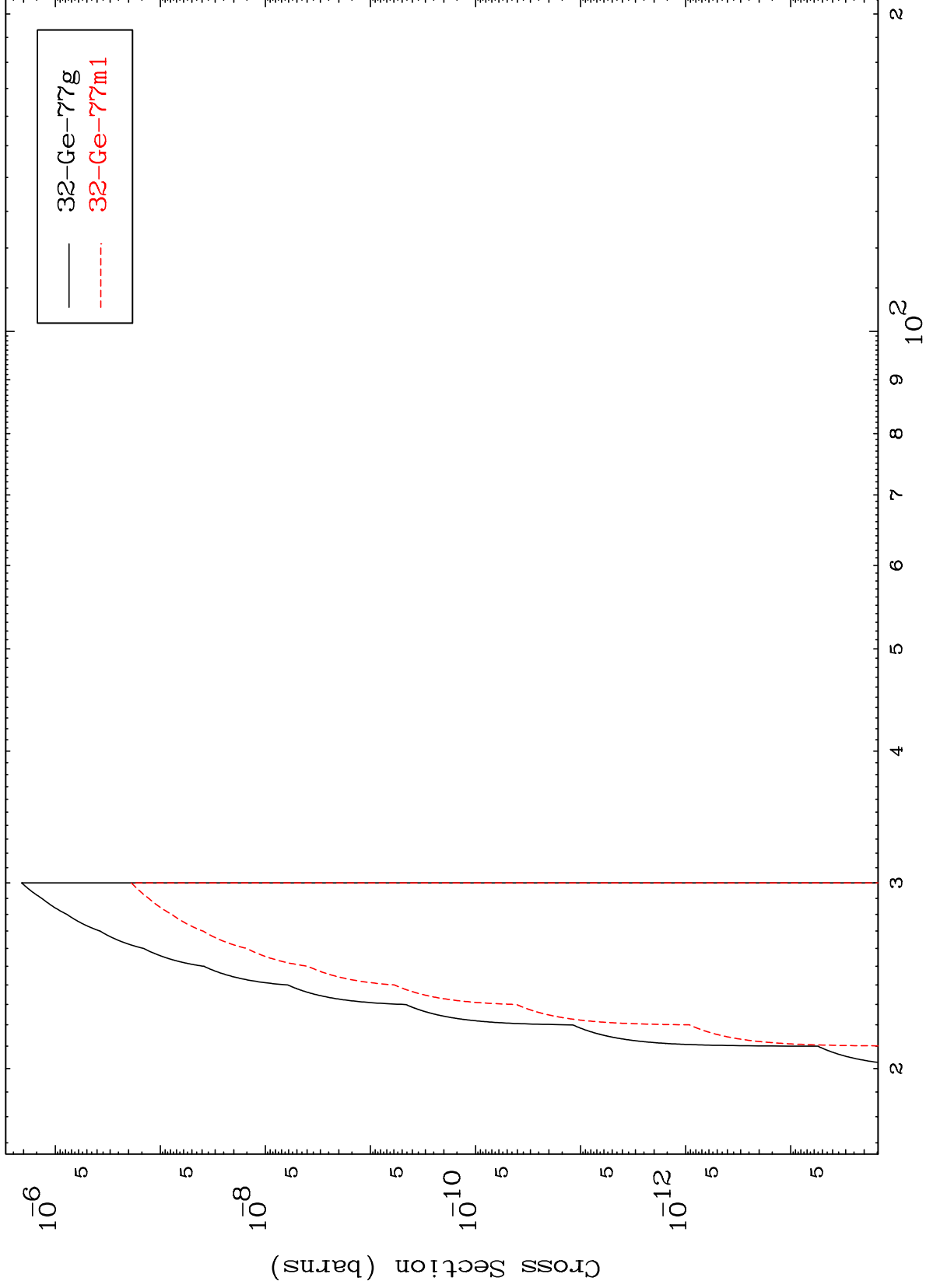
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(n,p) d

³⁴Se-79

Radionuclide Production Cross Section



27

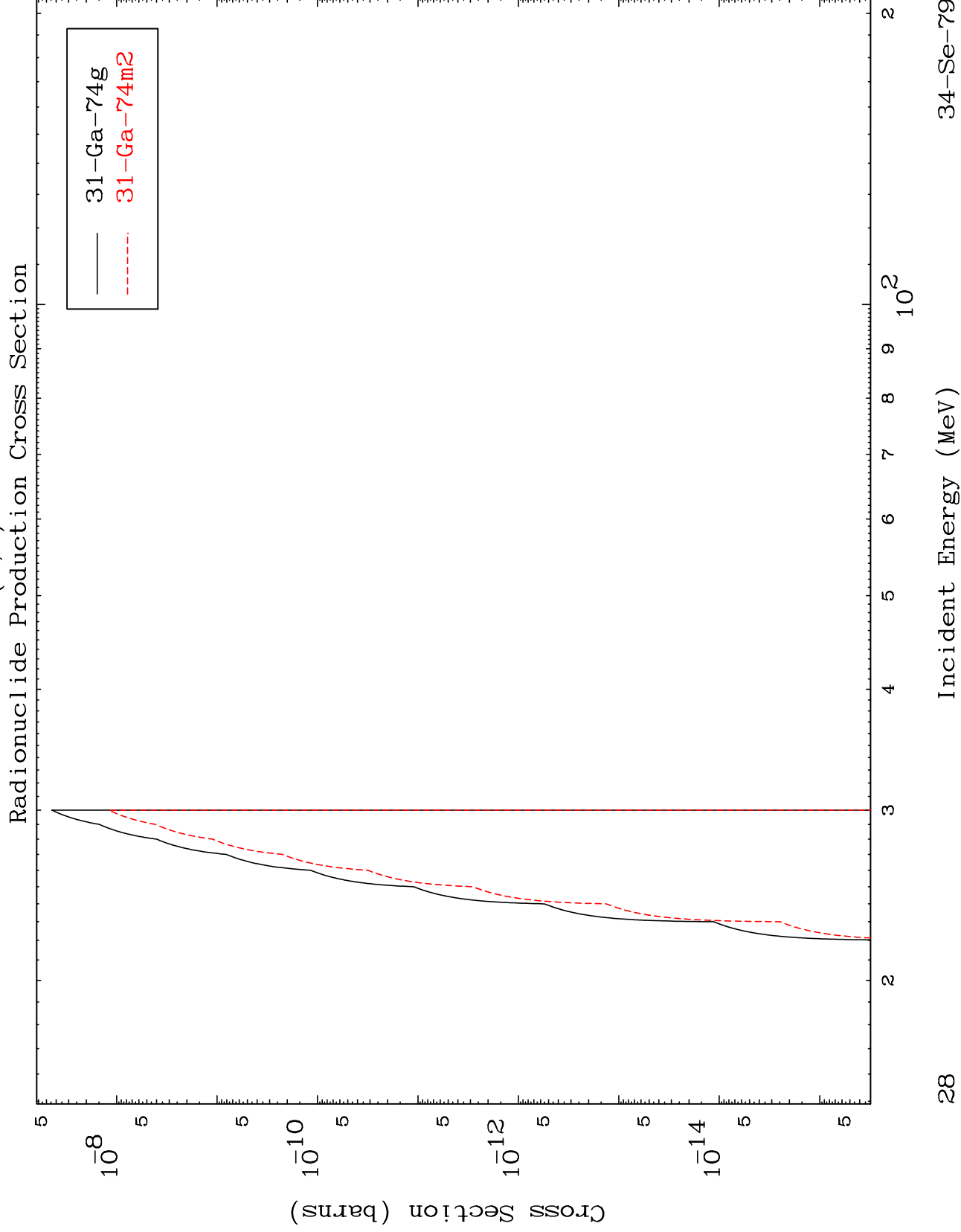
Incident Energy (MeV)

³⁴Se-79

MAT 3441

(n,d) α

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



28

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